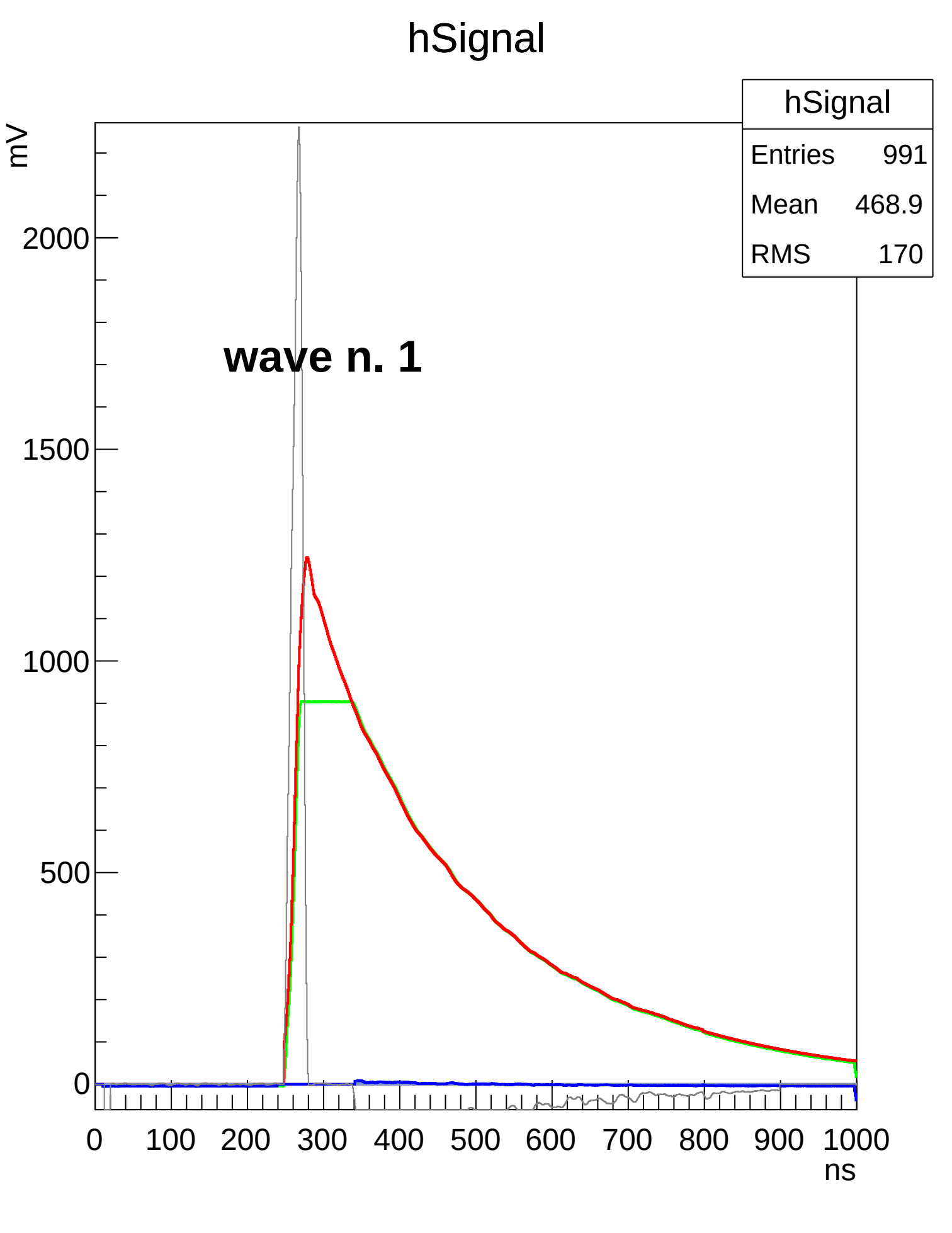
hSignal
hSignal
Entries 991
Mean 468.9
RMS 170
wave n. 1
mV
2000
1500
1000
500
0
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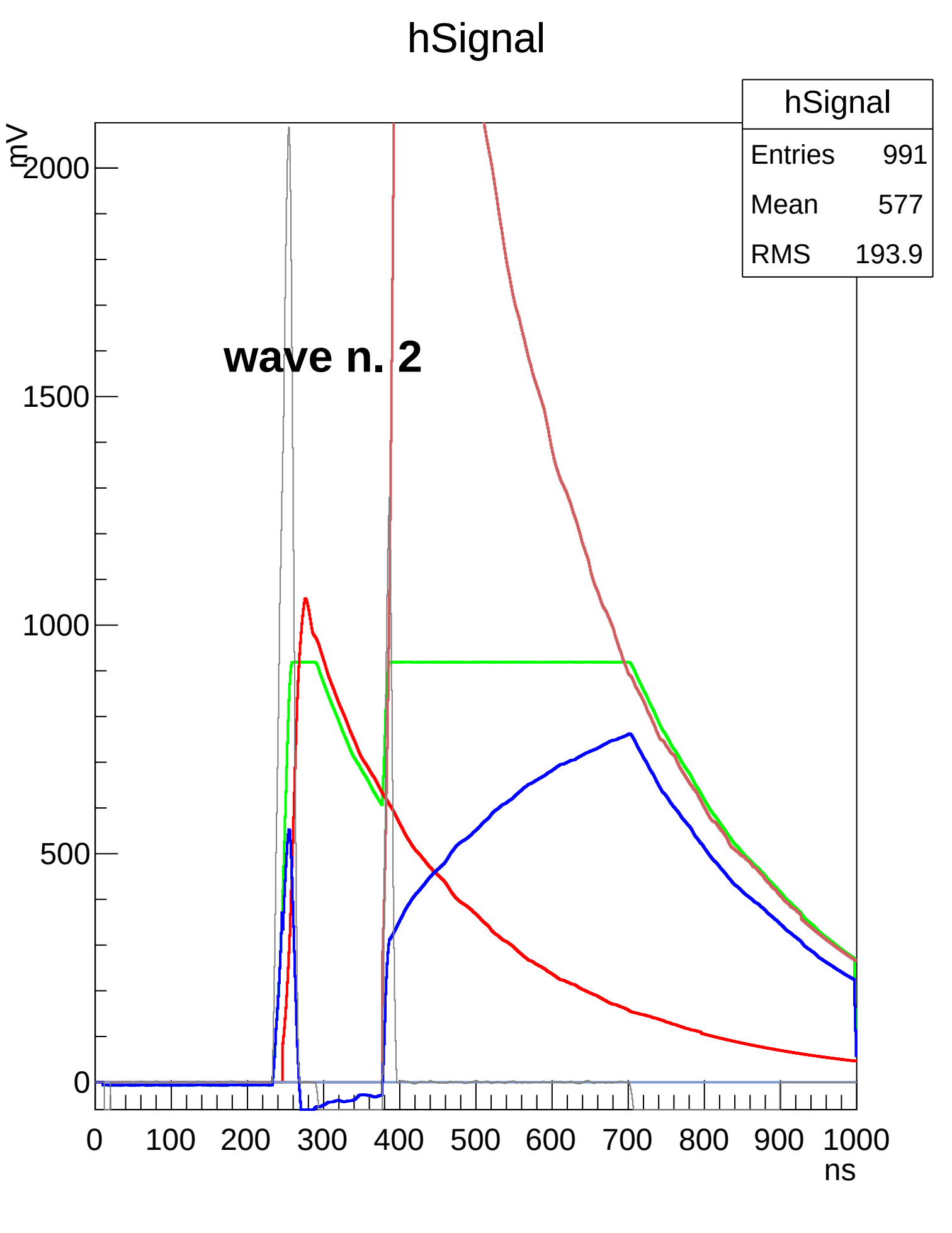
ns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hSignal
Entries 991
Mean 577
RMS 193.9
wave n. 2
mV
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1000
500
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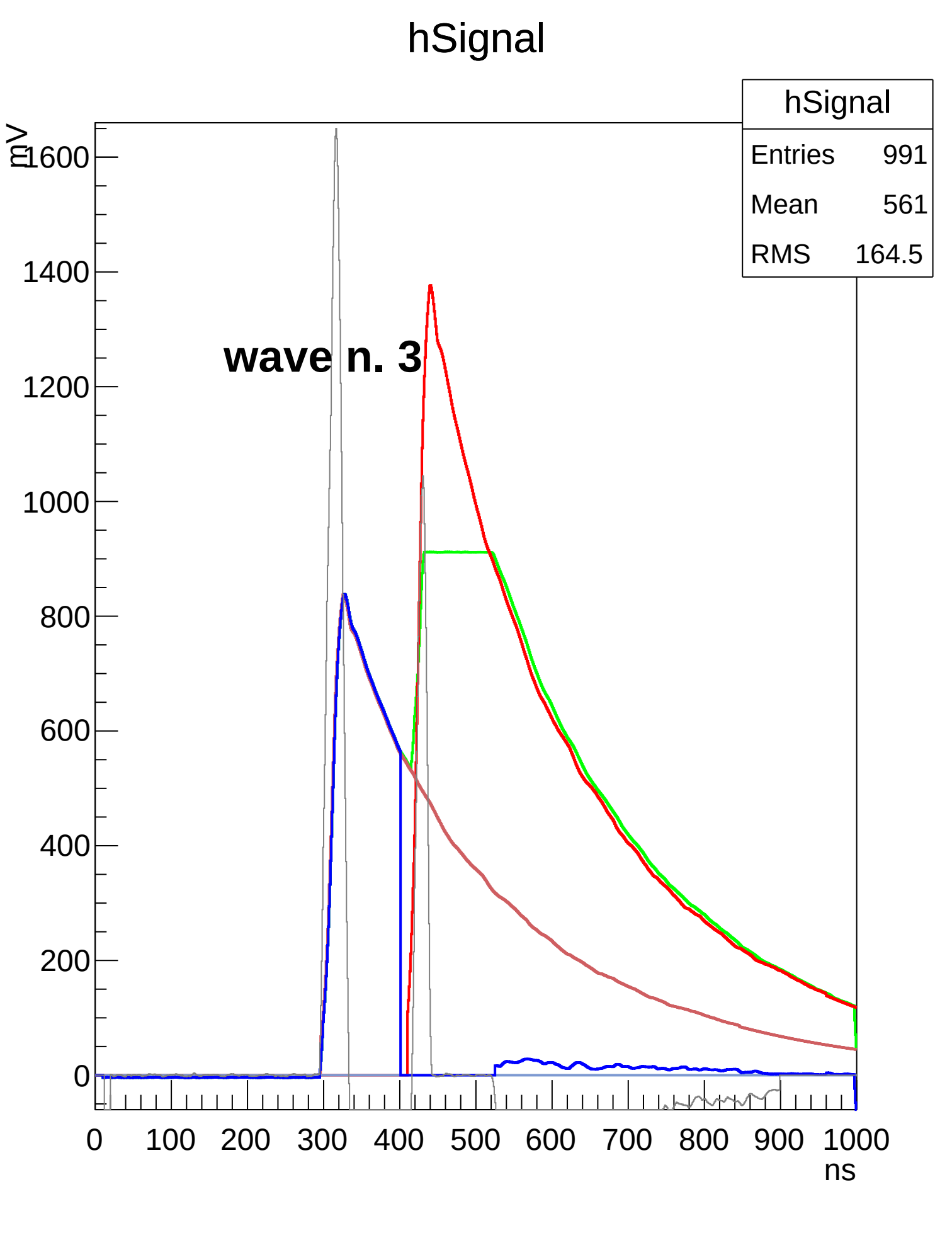
ns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hSignal
Entries 991
Mean 561
RMS 164.5
wave n. 3
mV
1600
1400
1200
1000
800
600
400
200
0
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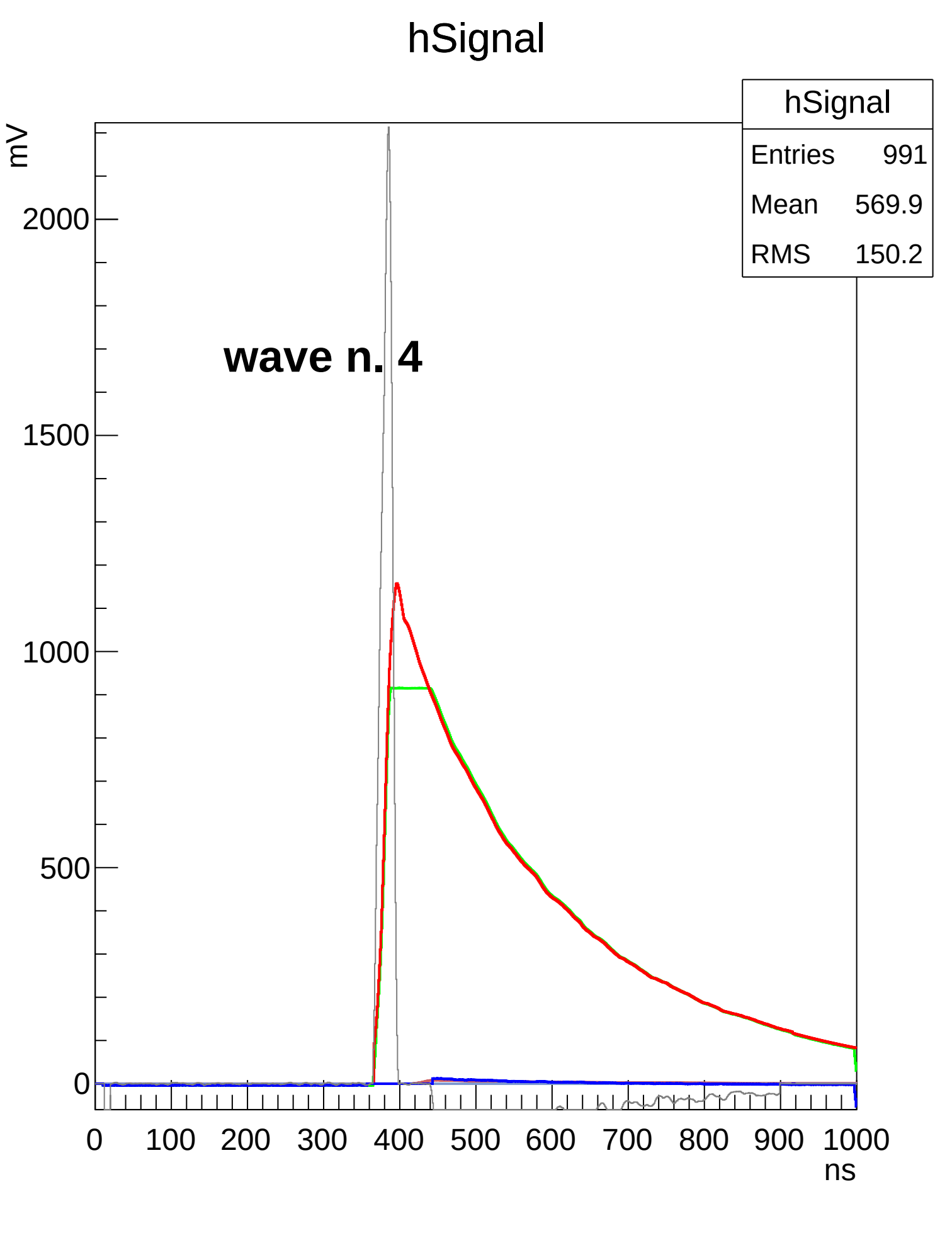
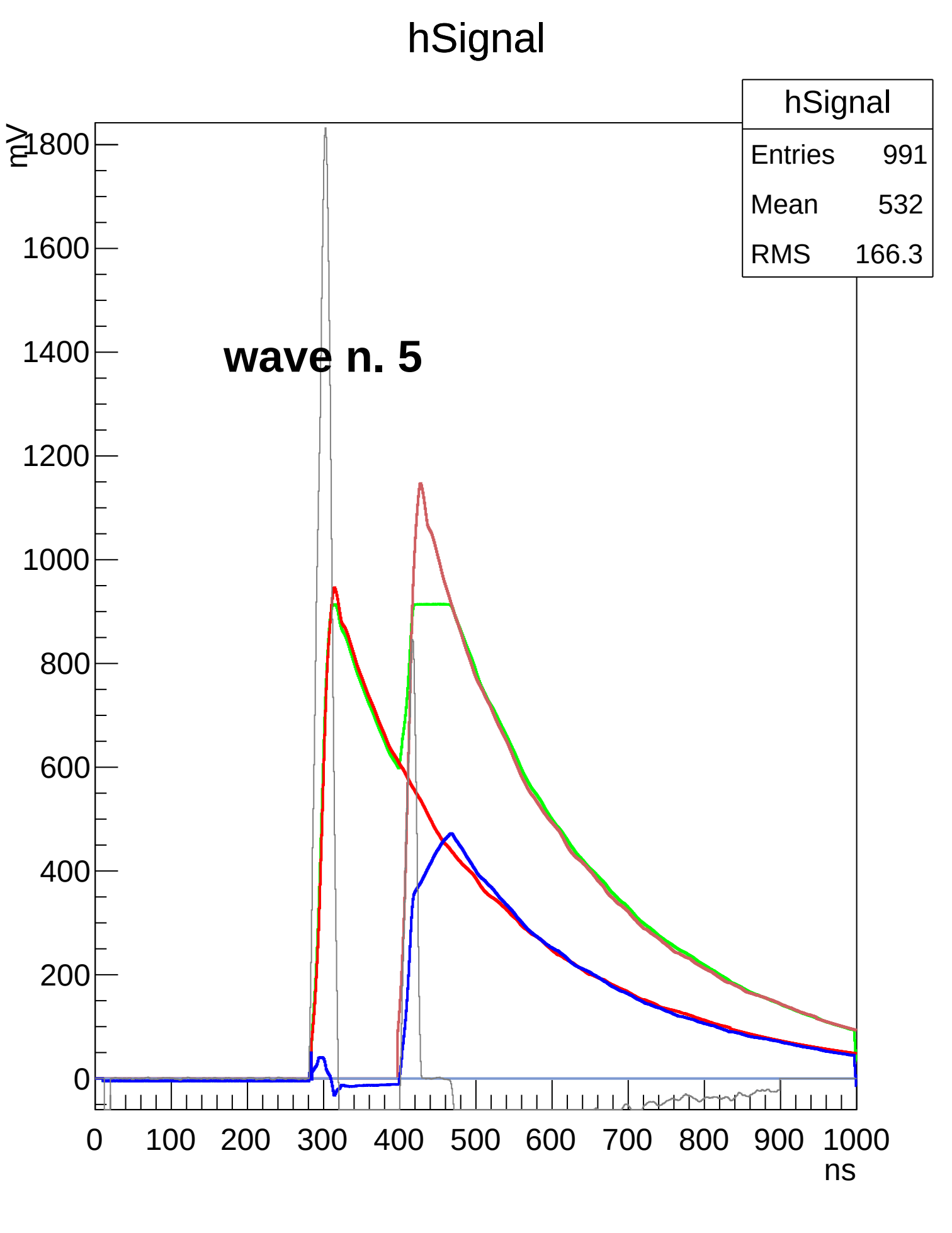
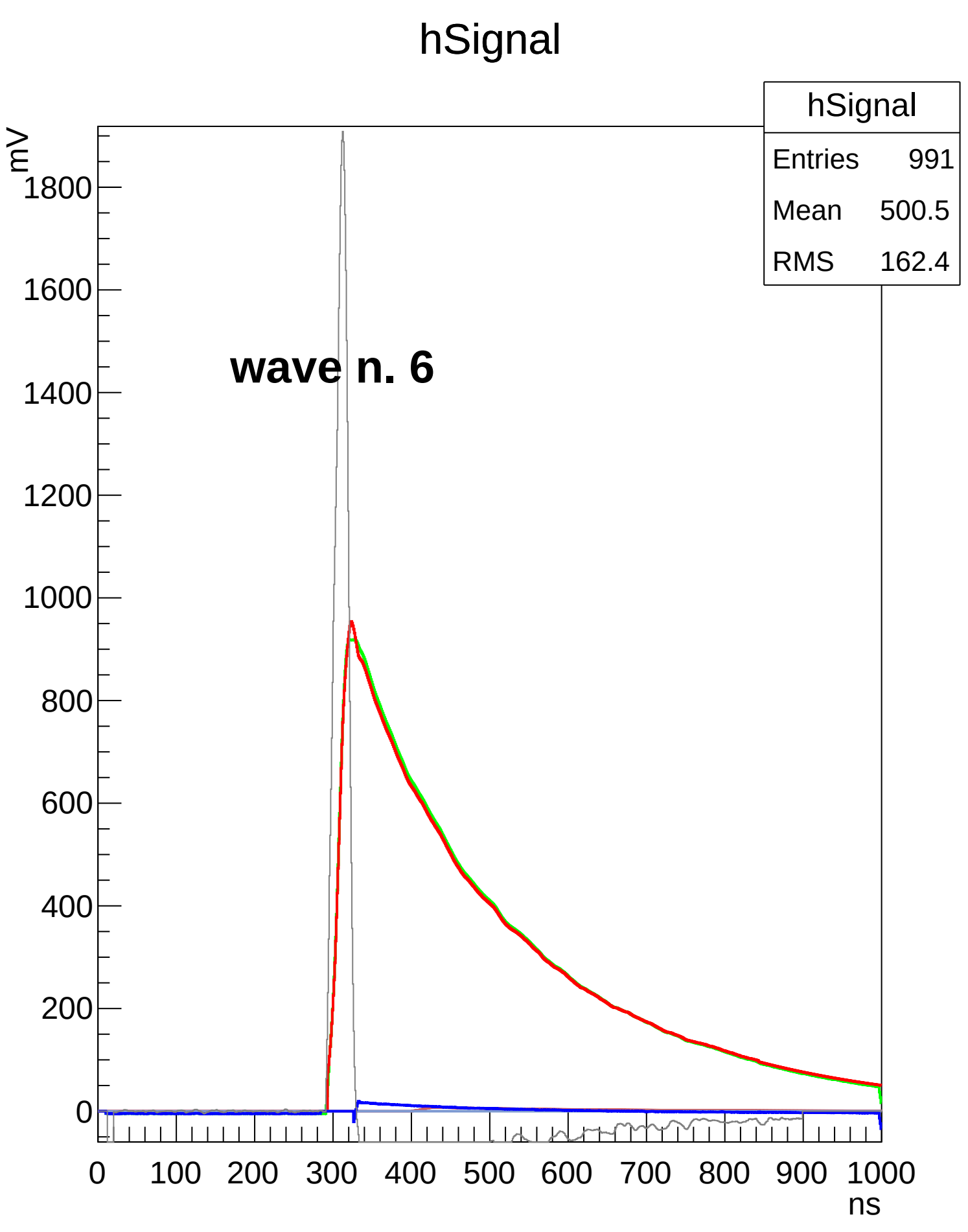
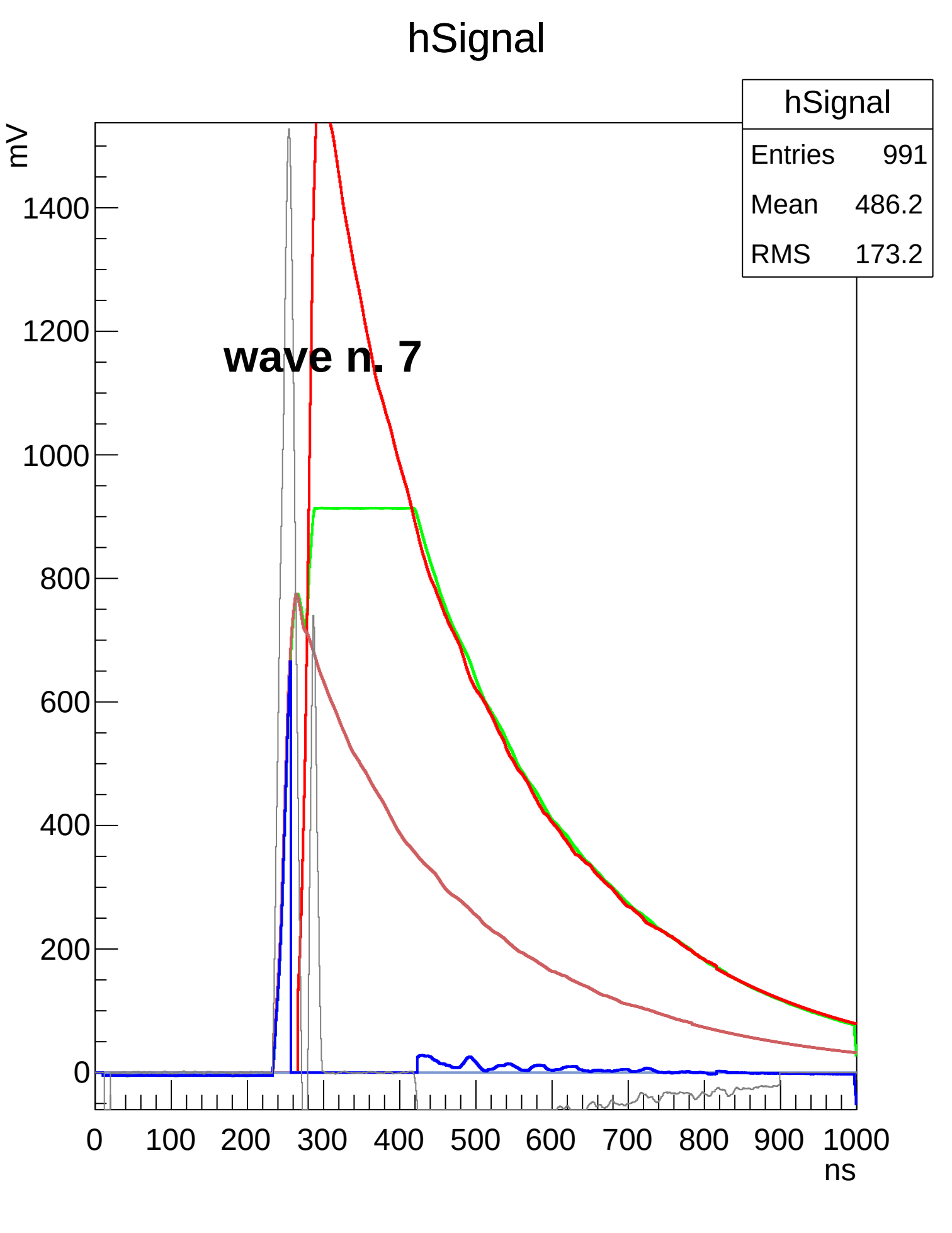
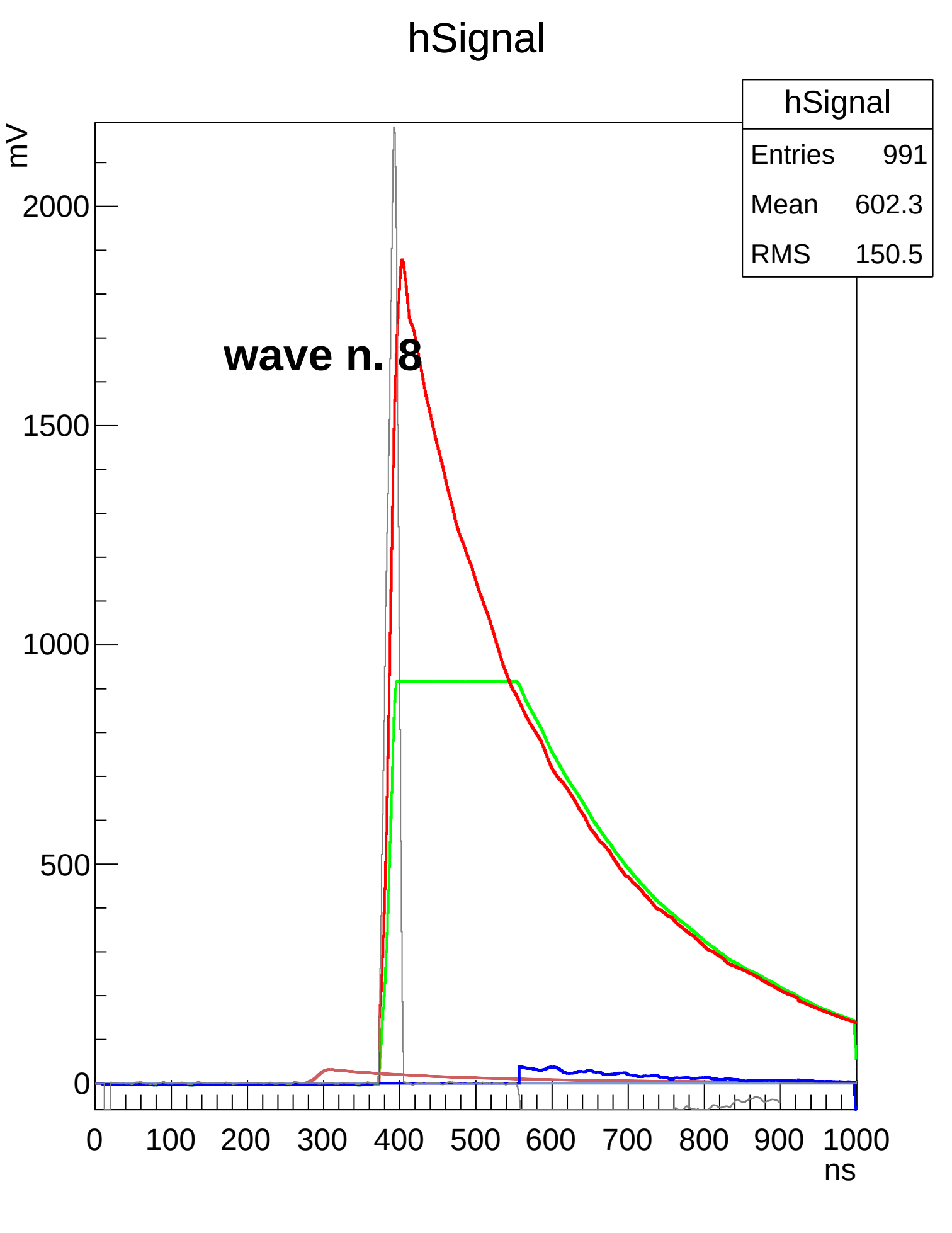
ns

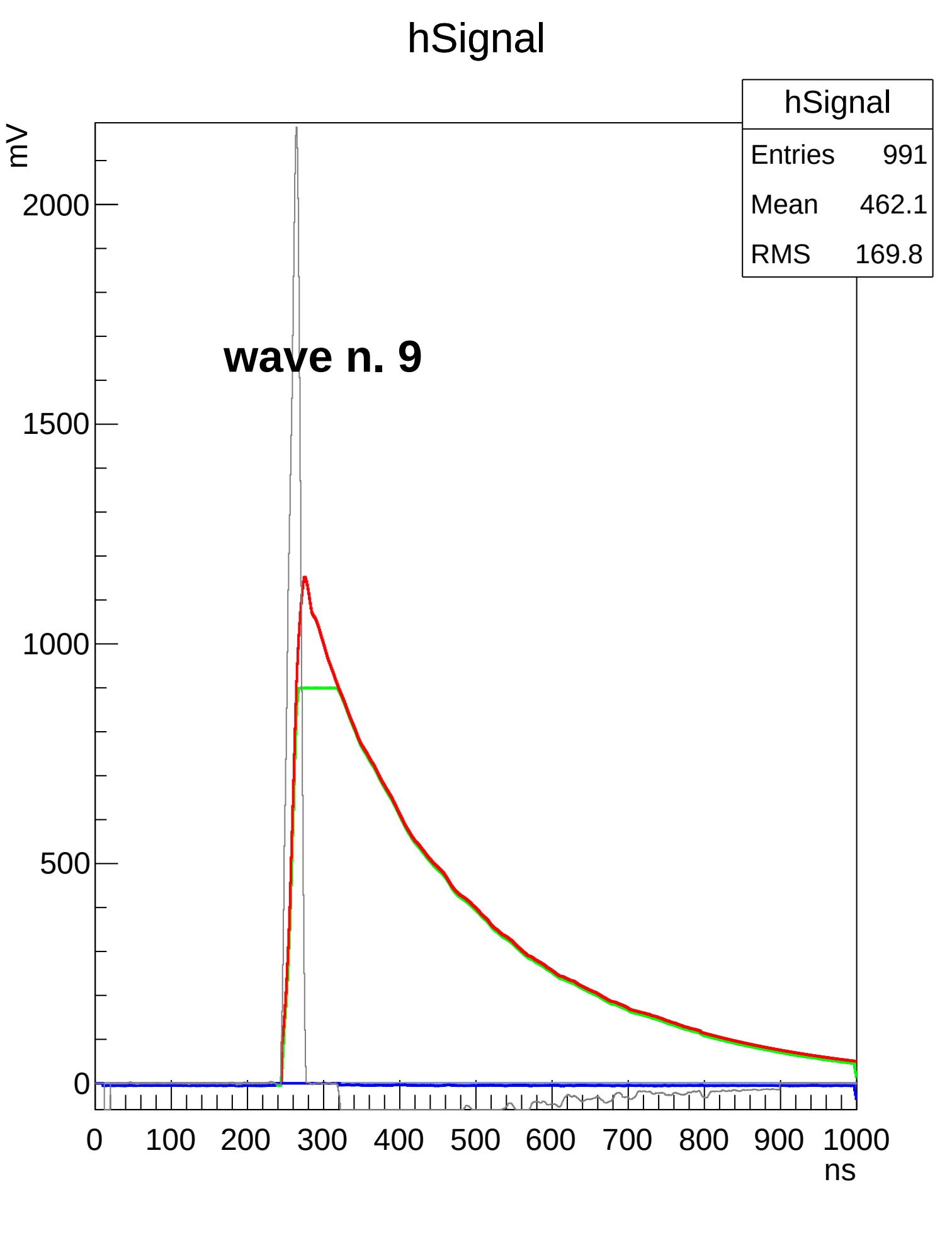

hSignal
hSignal
Entries 991
Mean 569.9
RMS 150.2
wave n. 4
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 532
RMS 166.3
wave n. 5
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 500.5
RMS 162.4
wave n. 6
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486.2
RMS 173.2
wave n. 7
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 602.3
RMS 150.5
wave n. 8
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 462.1
RMS 169.8
wave n. 9
mV
2000
1500
1000
500
0
0
100
200
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400
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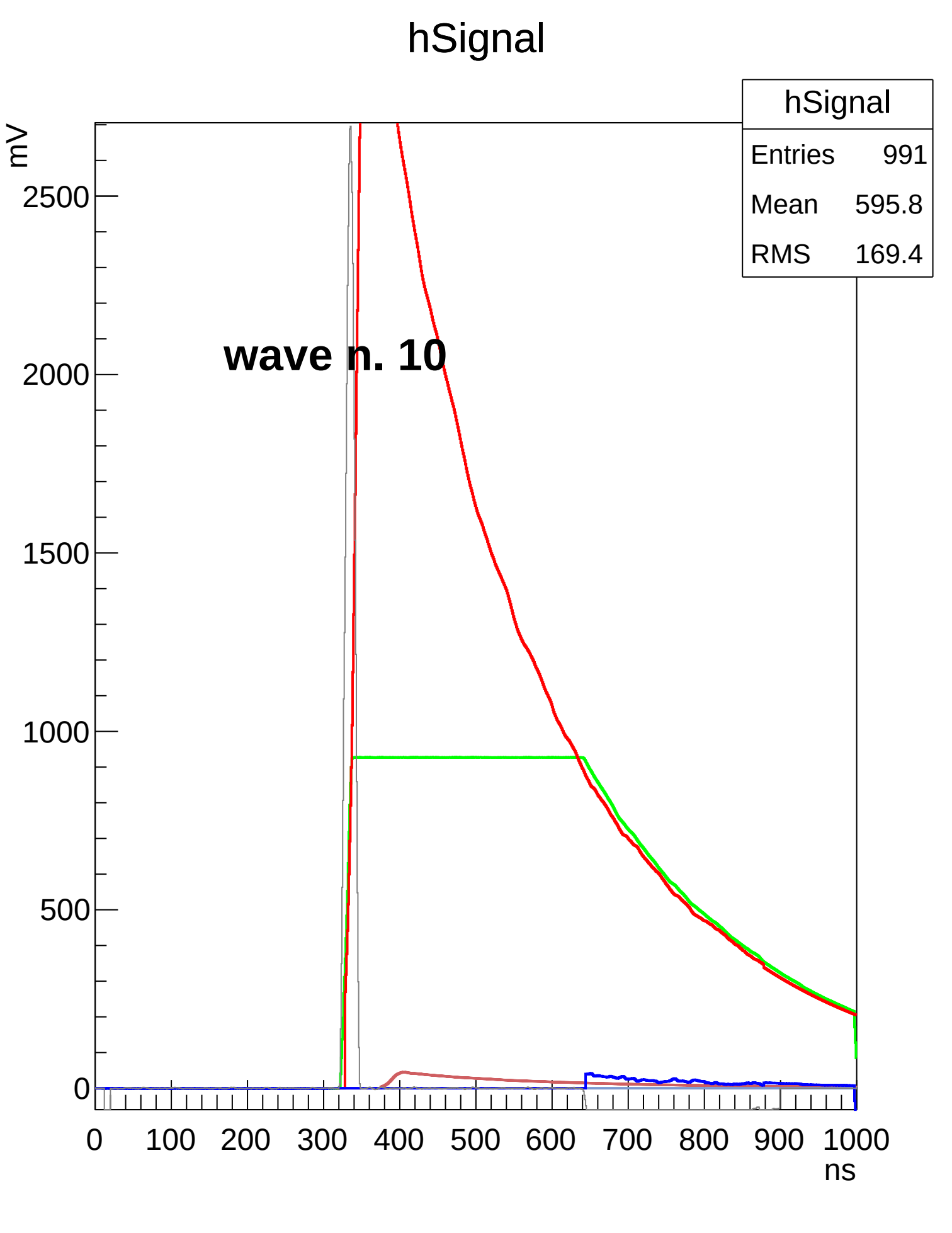
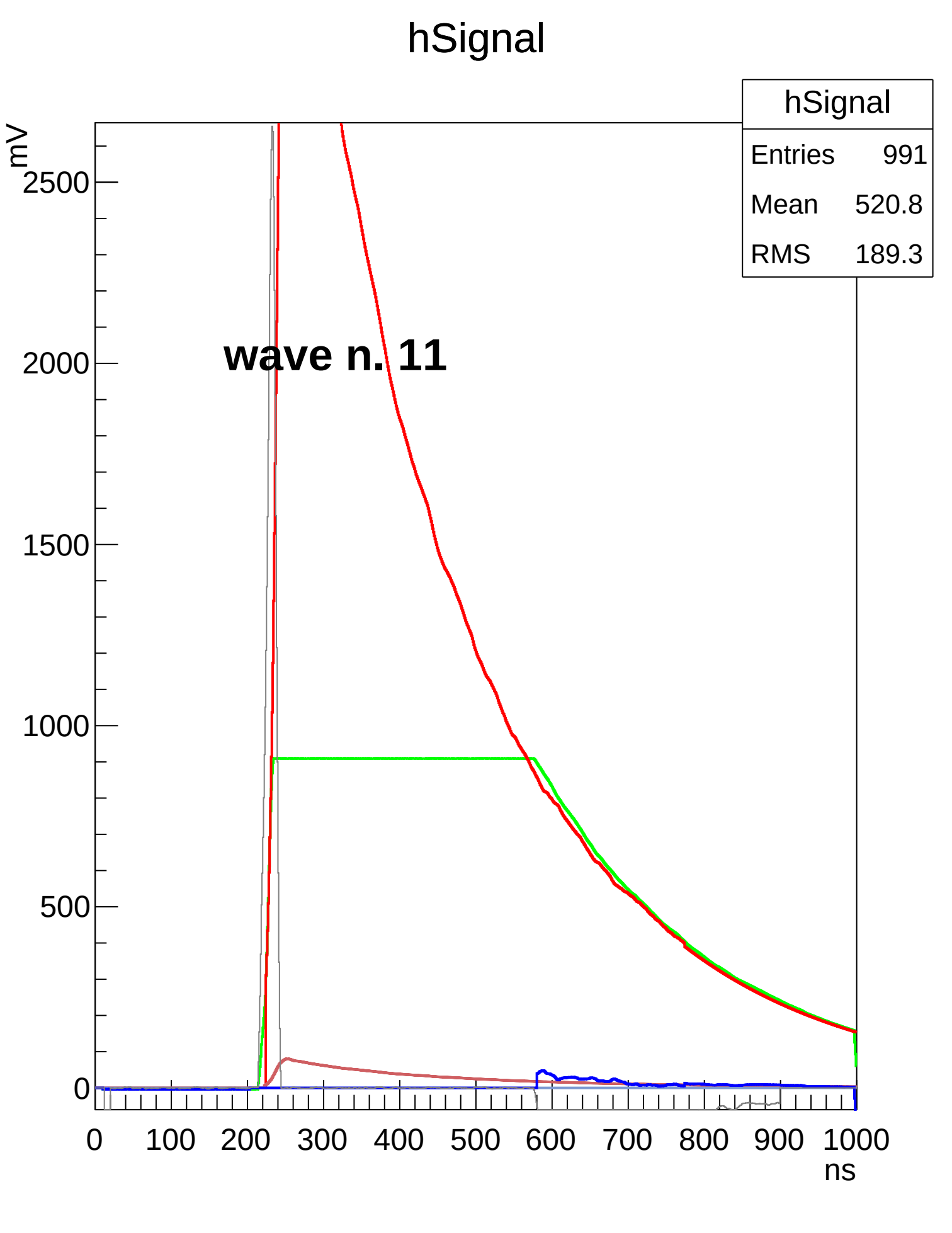
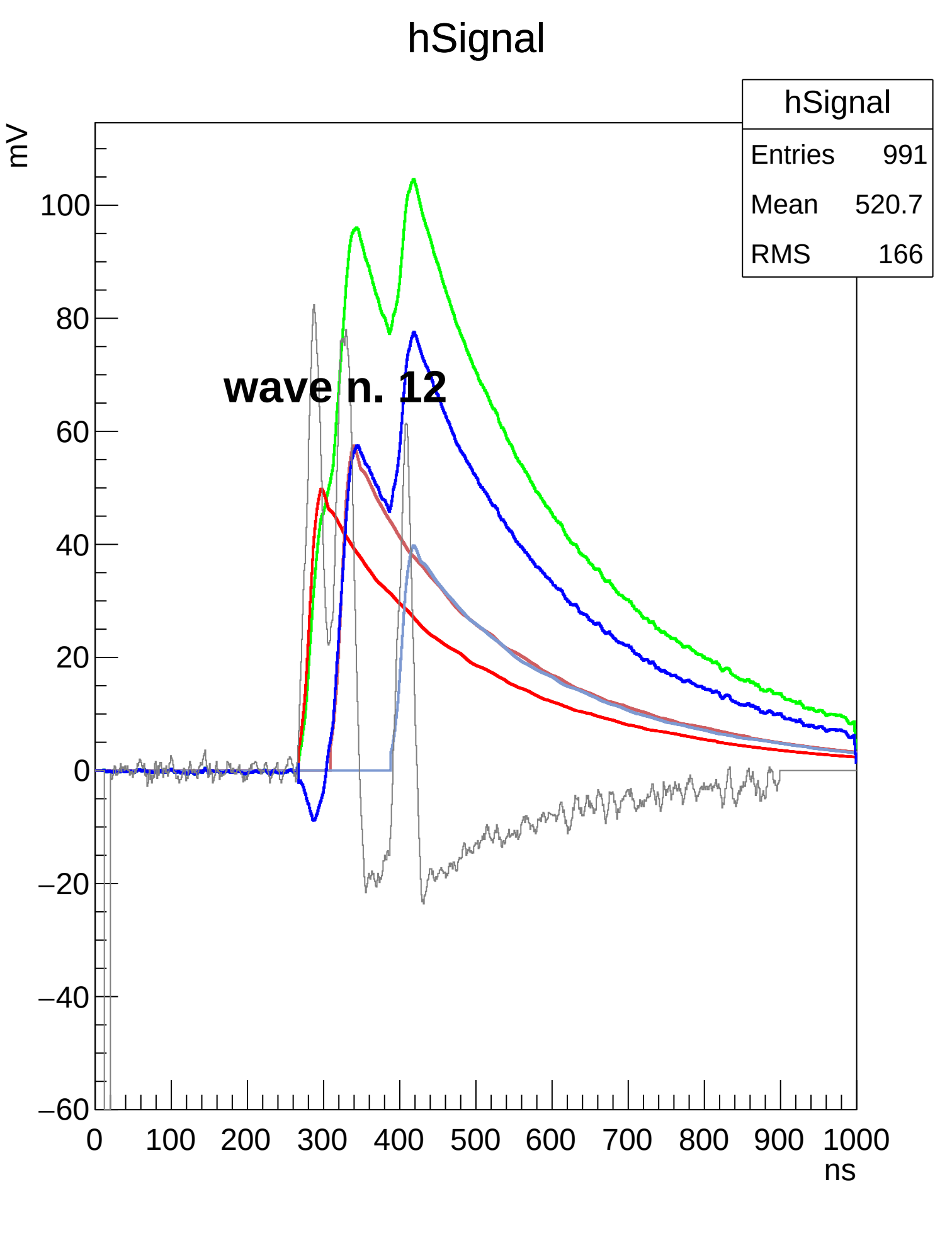
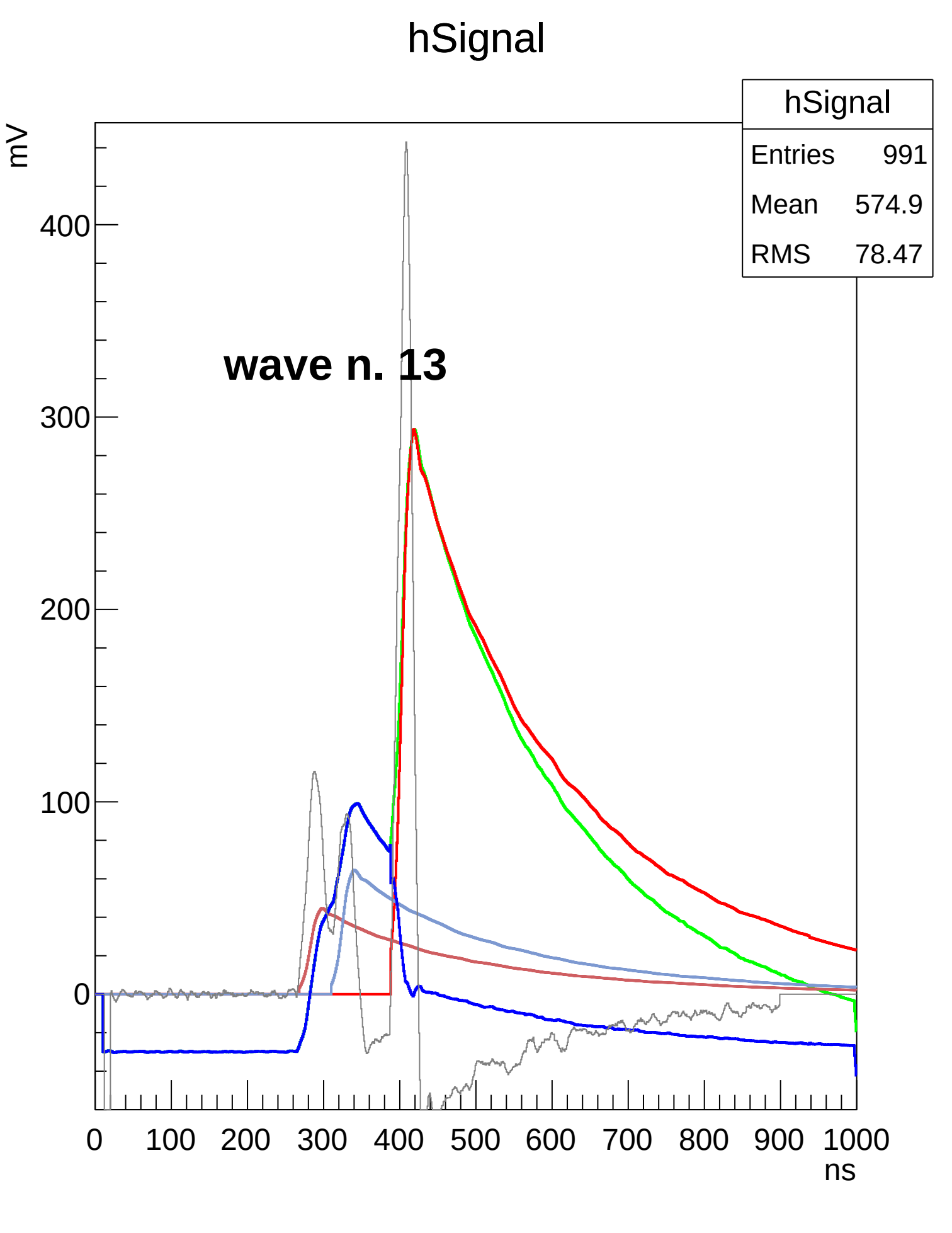
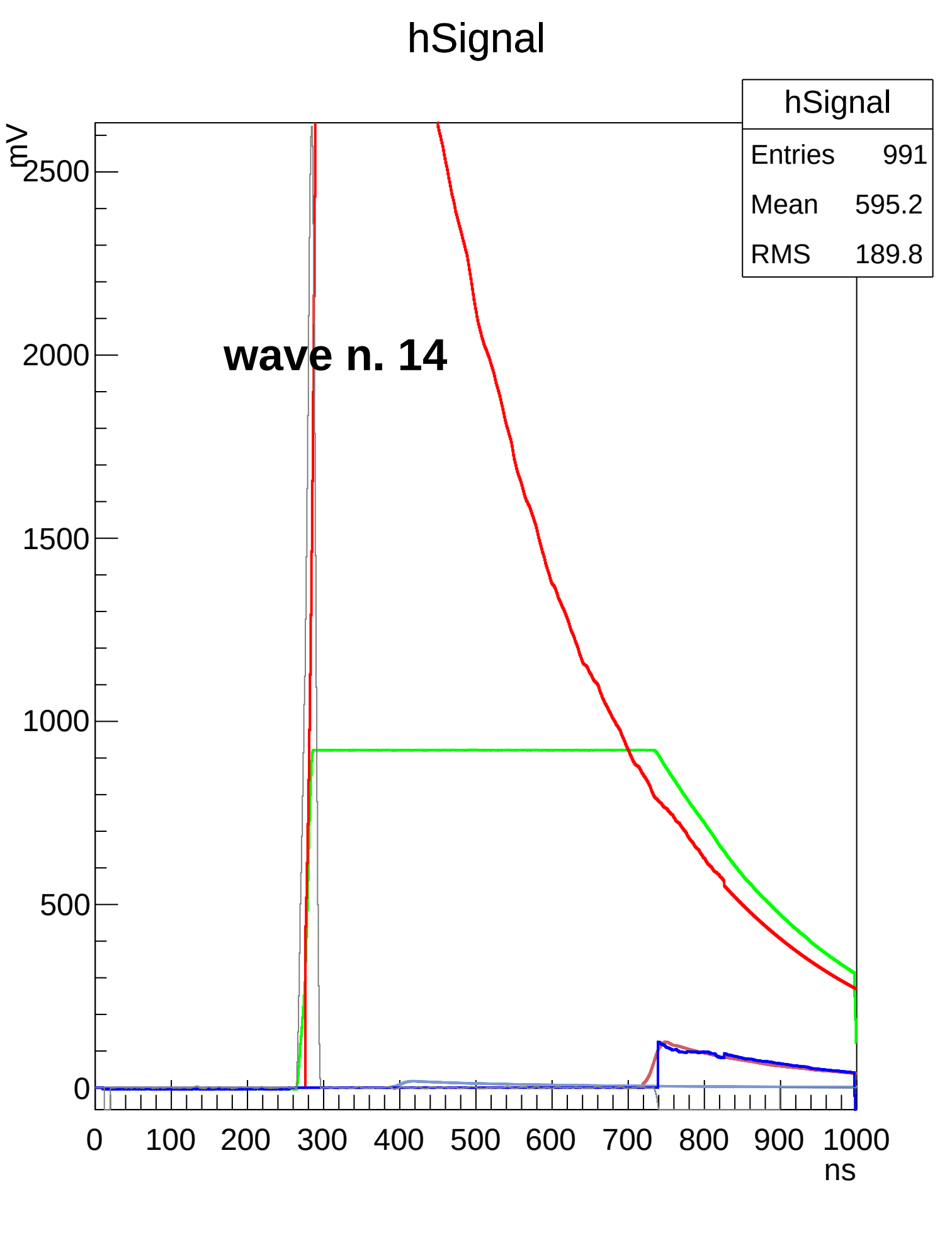
600
700
800
900
1000
ns

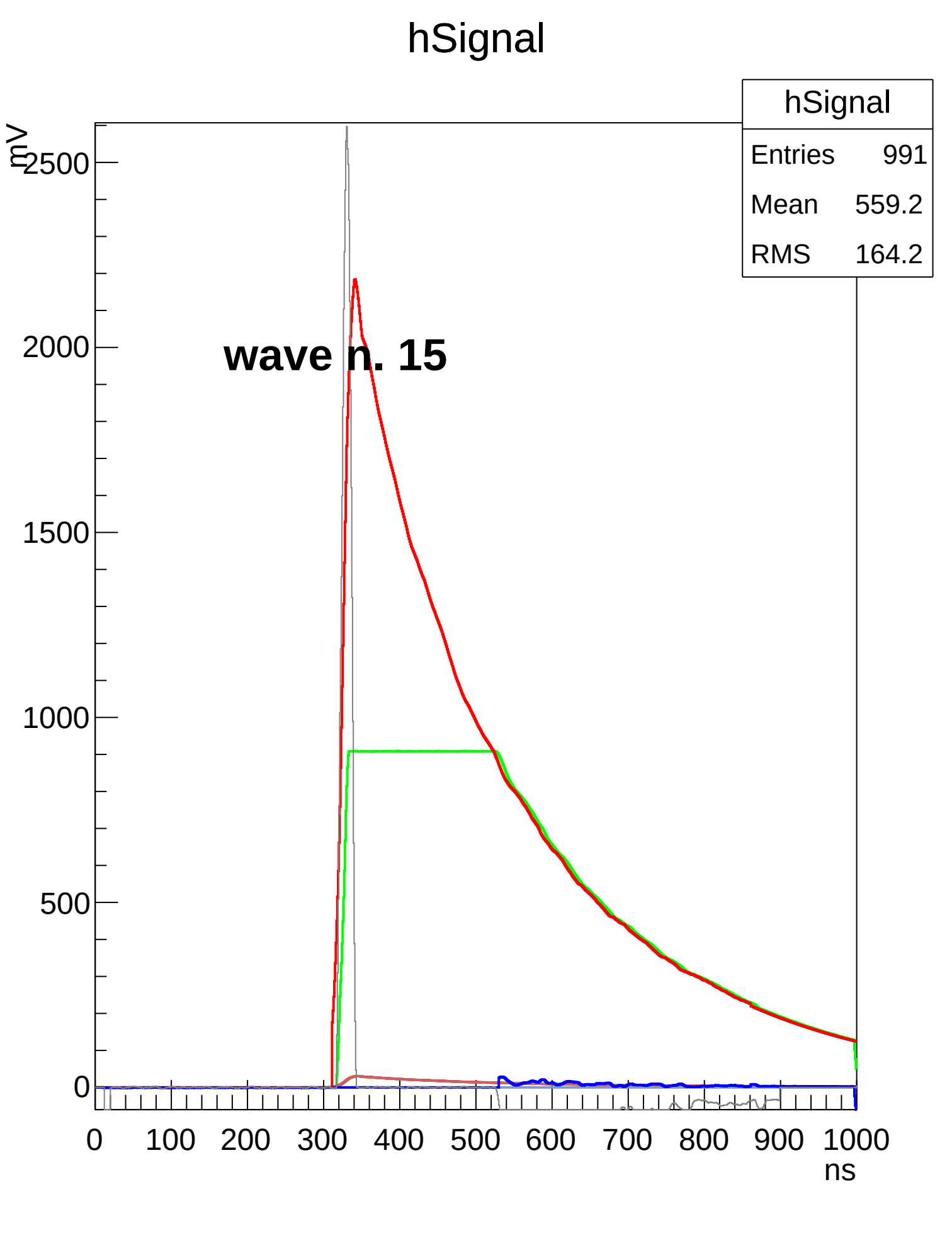

hSignal
hSignal
Entries 991
Mean 595.8
RMS 169.4
wave n. 10
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

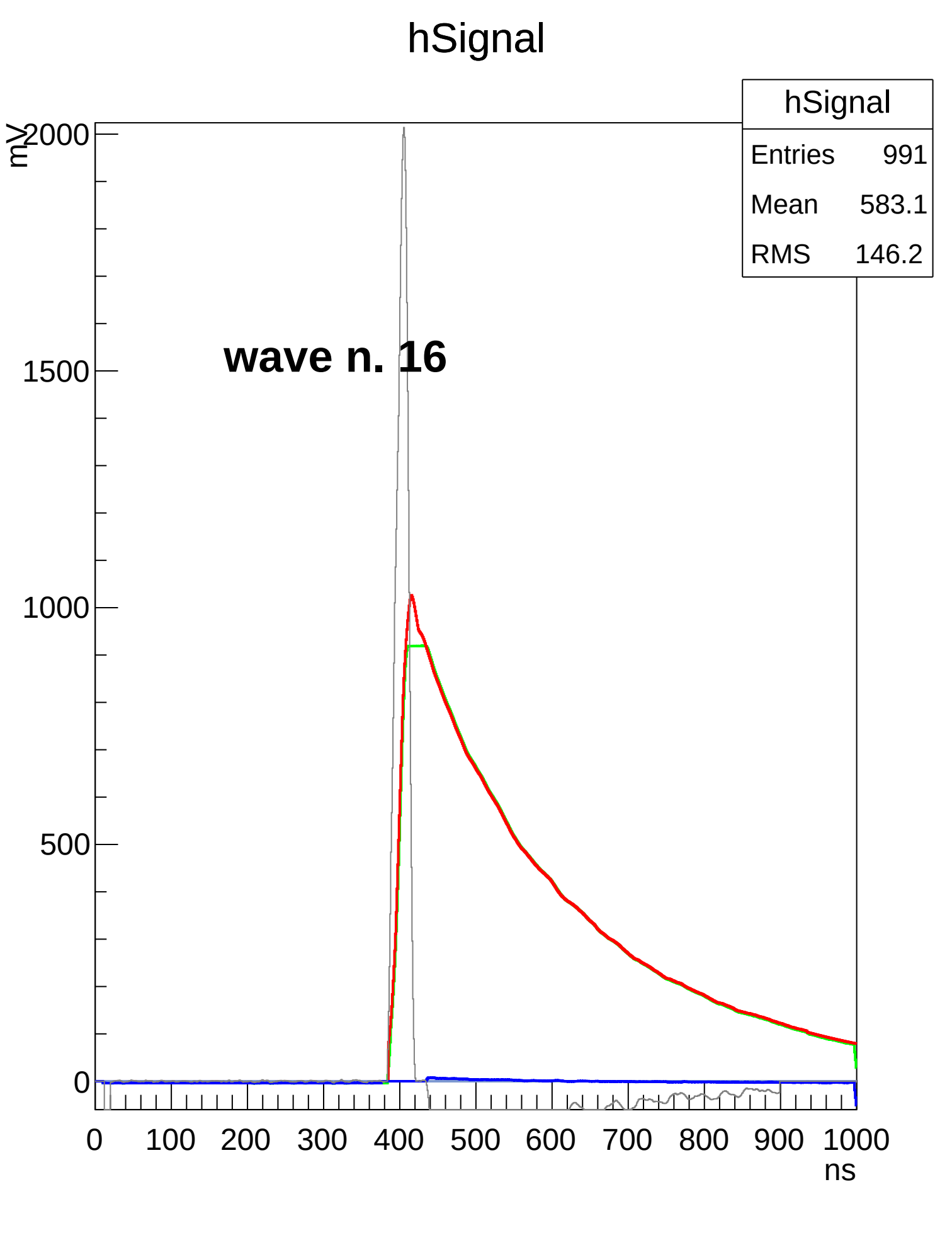

hSignal
hSignal
Entries 991
Mean 520.8
RMS 189.3
wave n. 11
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

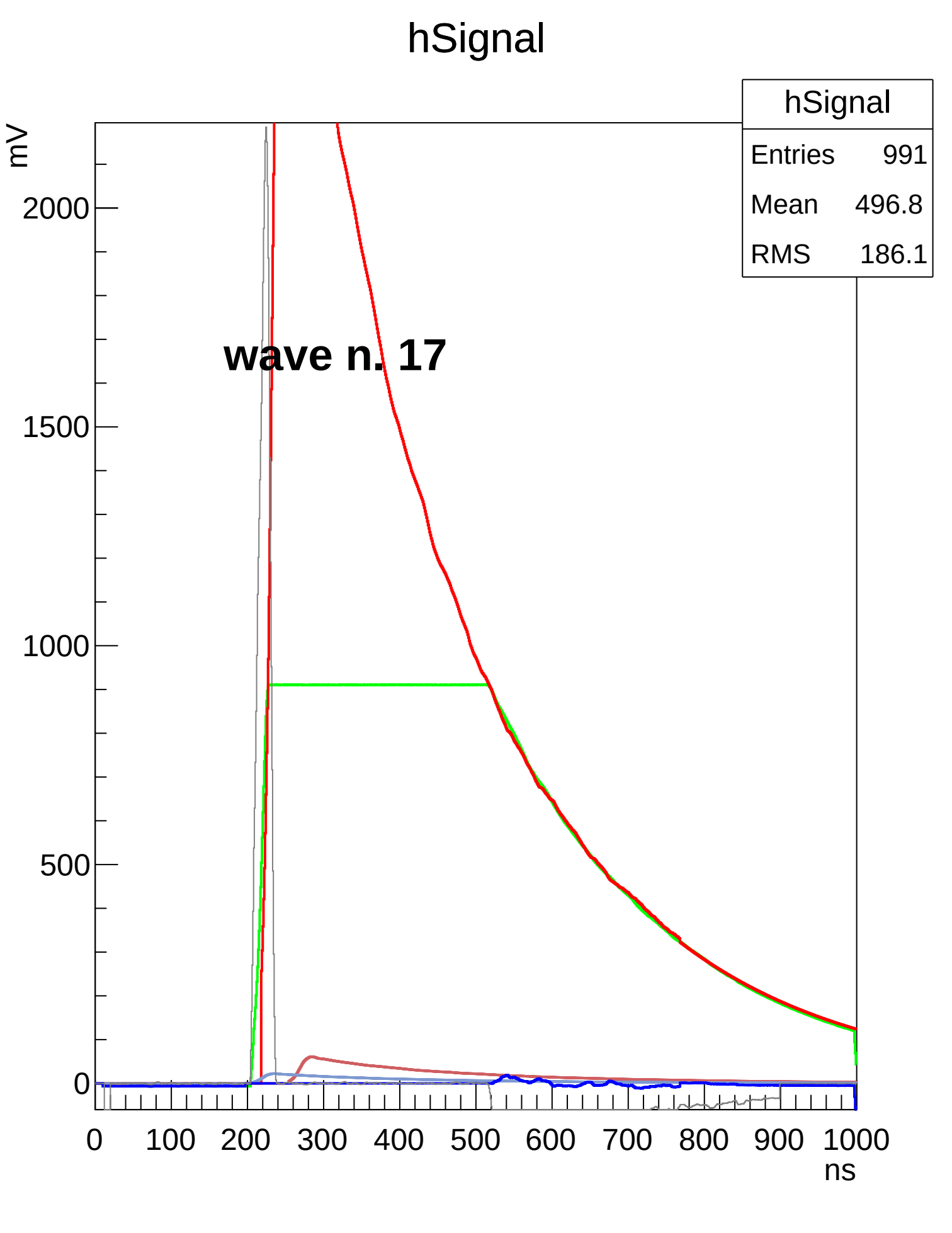

hSignal
hSignal
Entries 991
Mean 520.7
RMS 166
wave n. 12
mV
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 574.9
RMS 78.47
wave n. 13
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 595.2
RMS 189.8
wave n. 14
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 559.2
RMS 164.2
wave n. 15
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 583.1
RMS 146.2
wave n. 16
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 496.8
RMS 186.1
wave n. 17
mV
2000
1500
1000
500
0
0
100
200
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400
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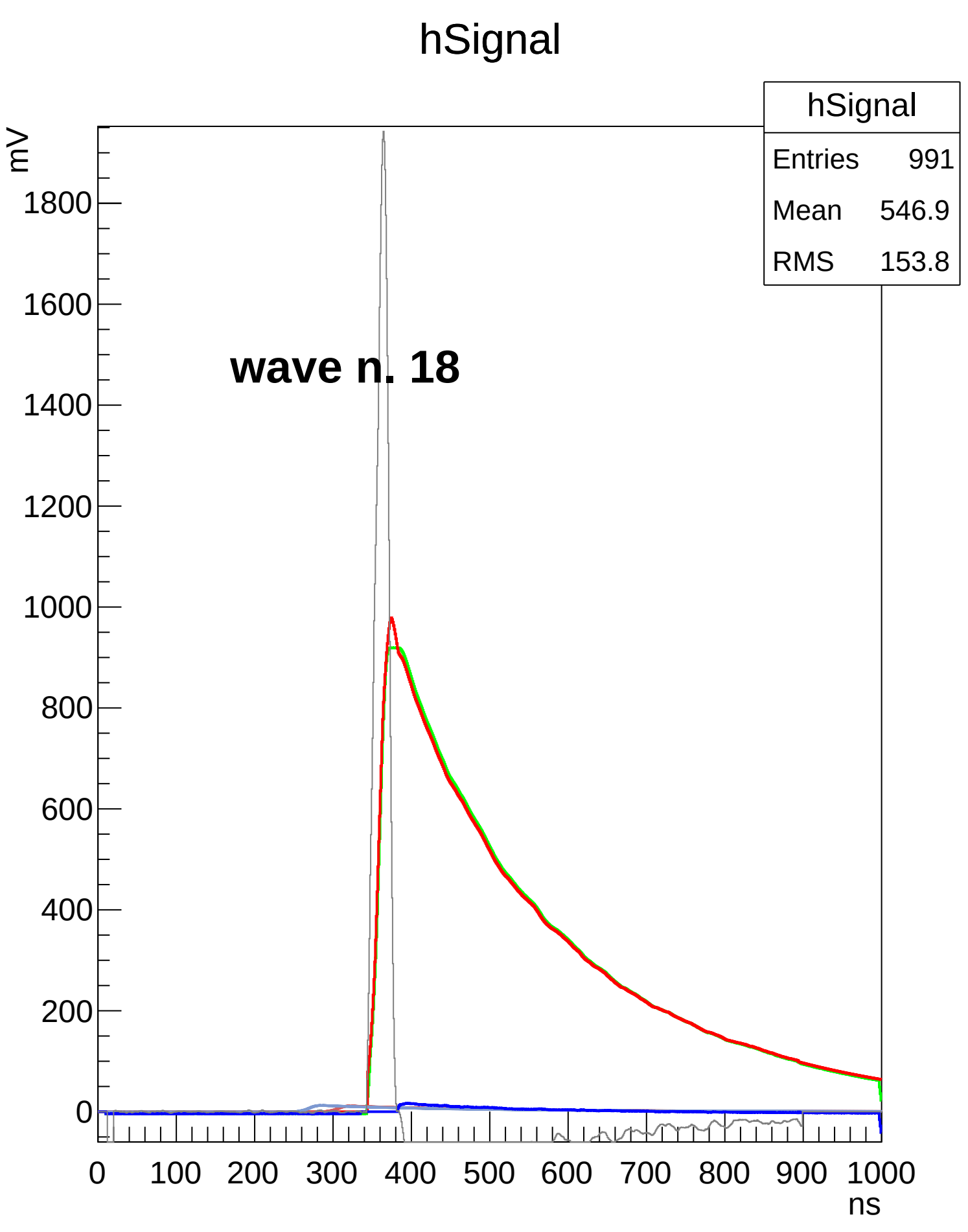
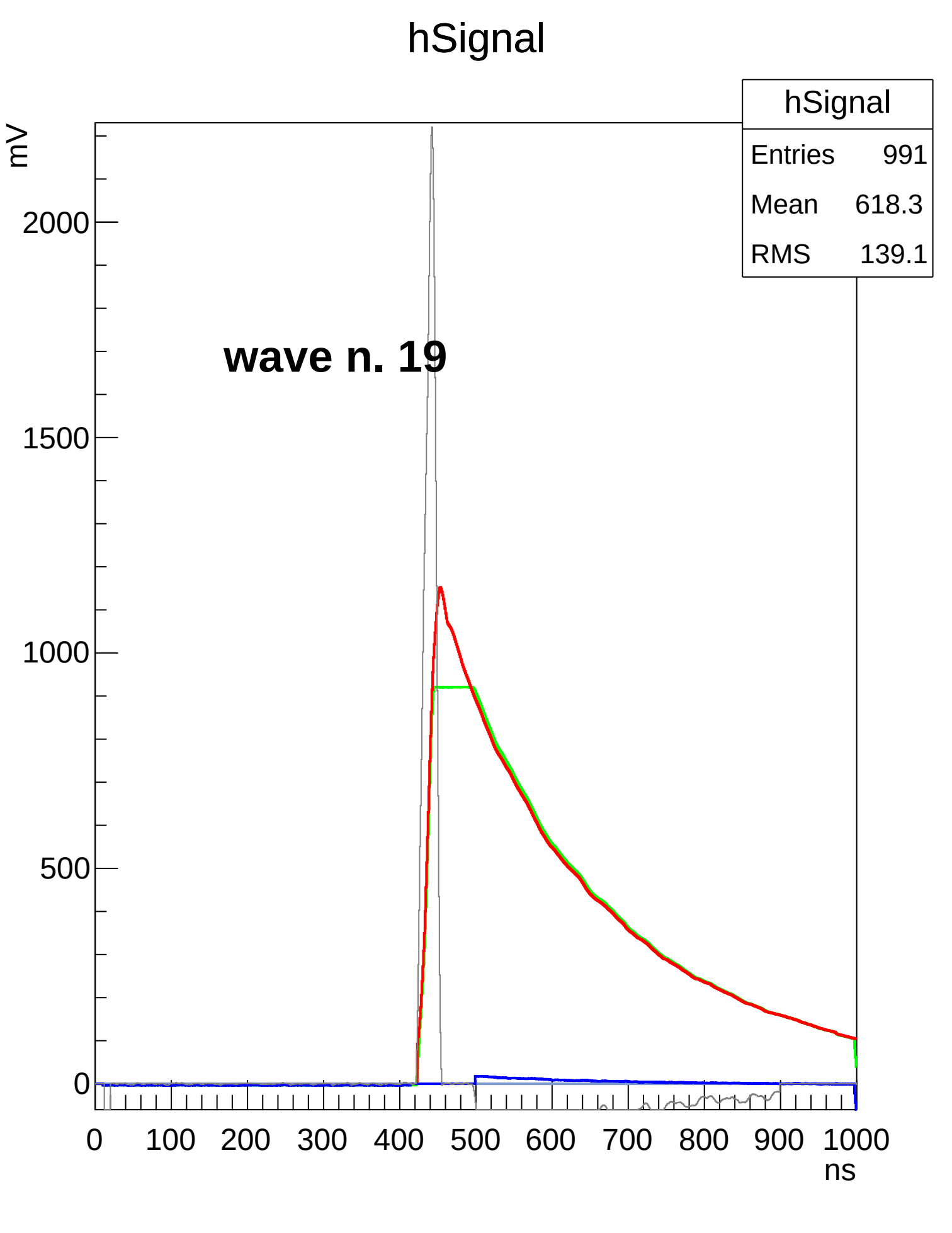
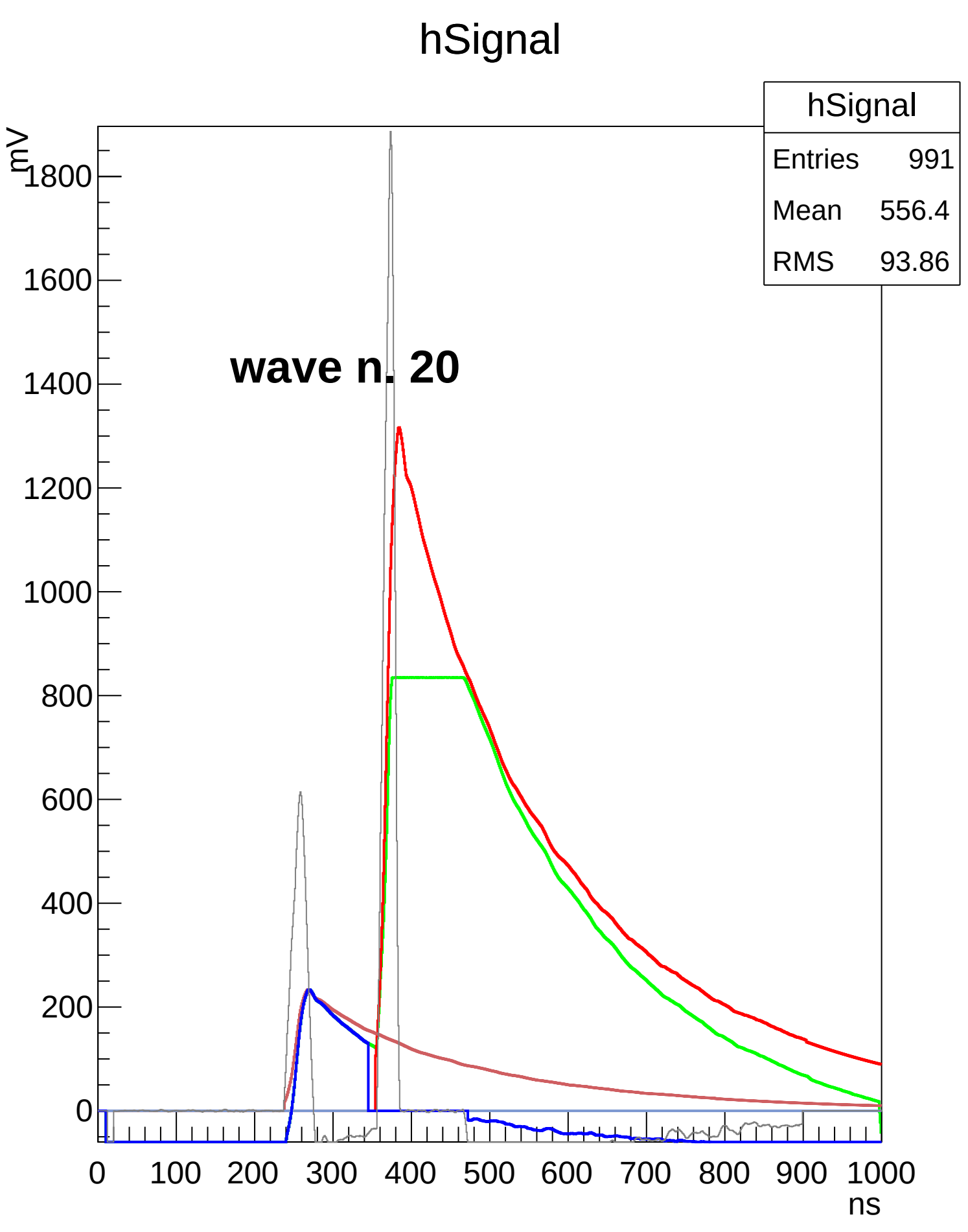
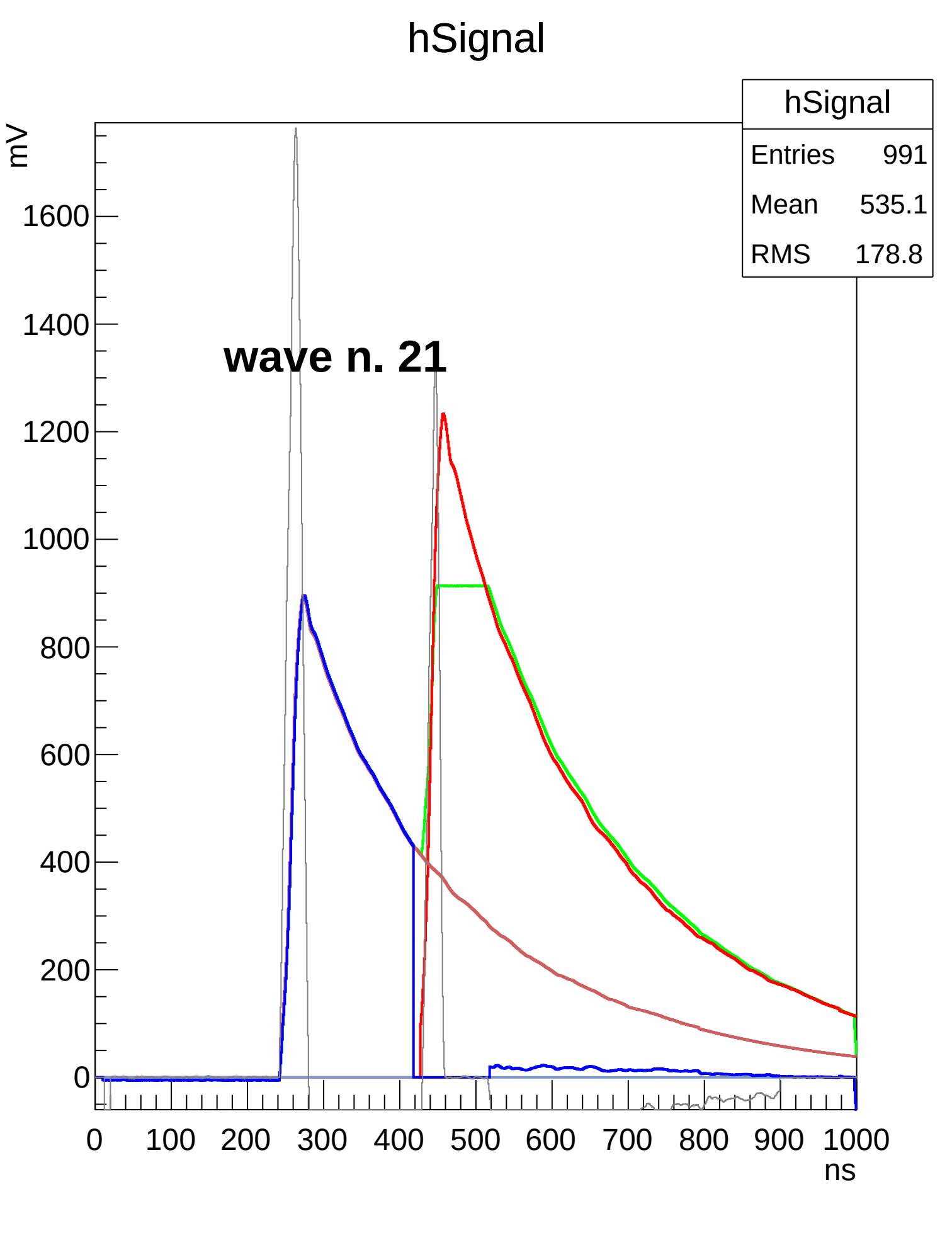
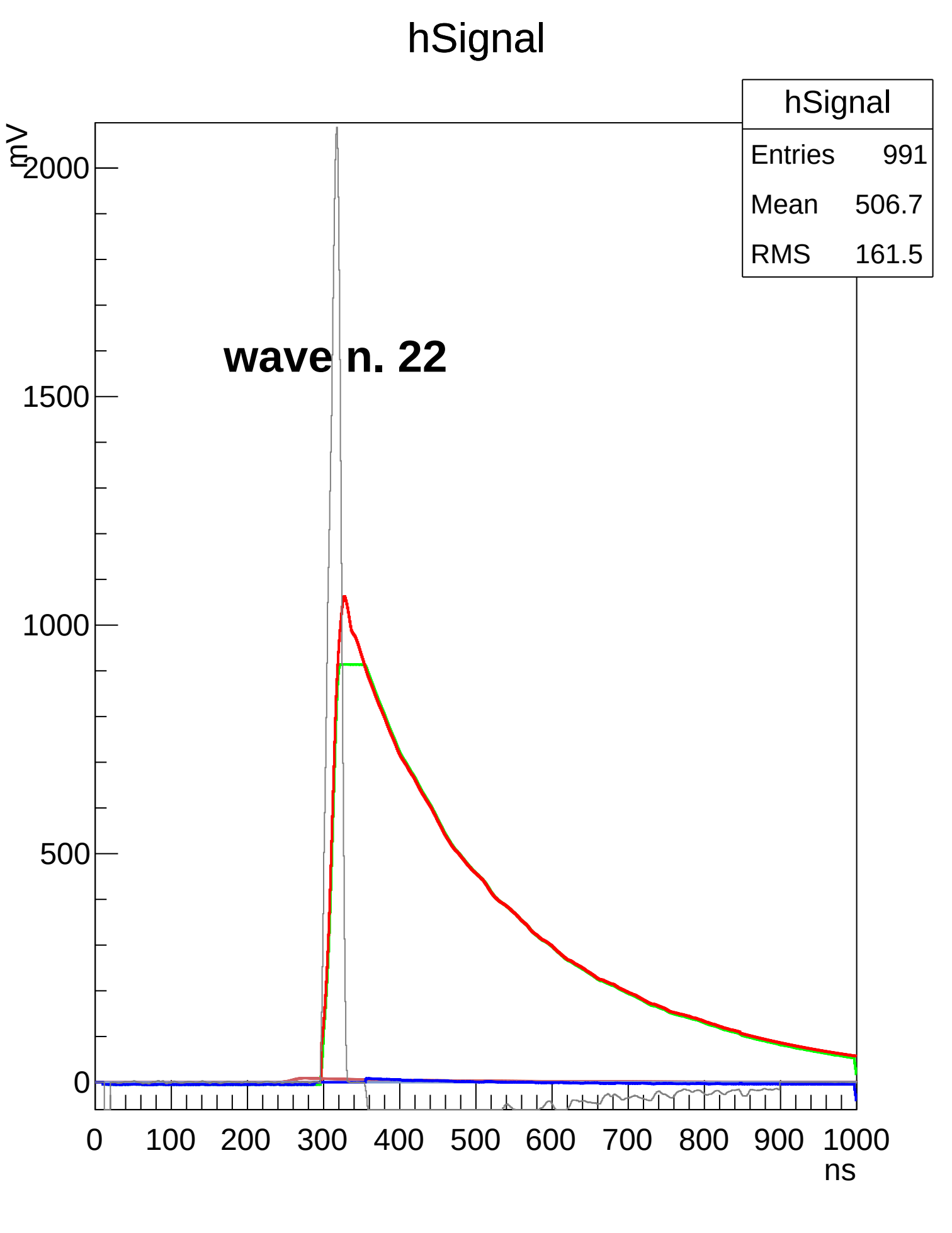
600
700
800
900
1000
ns

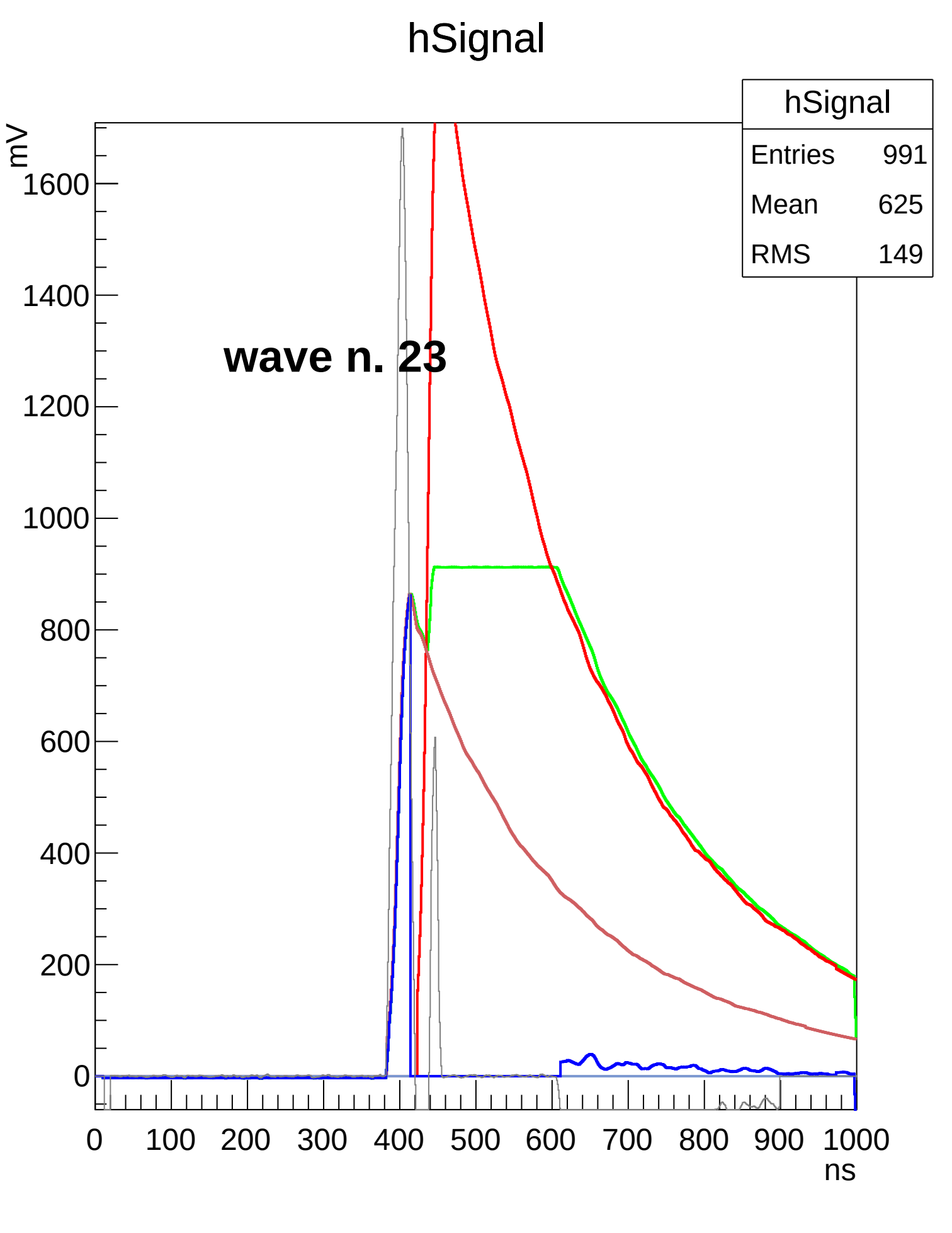

hSignal
hSignal
Entries 991
Mean 546.9
RMS 153.8
wave n. 18
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 618.3
RMS 139.1
wave n. 19
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.4
RMS 93.86
wave n. 20
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 535.1
RMS 178.8
wave n. 21
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 506.7
RMS 161.5
wave n. 22
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
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Entries 991
Mean 625
RMS 149
wave n. 23
mV
1600
1400
1200
1000
800
600
400
200
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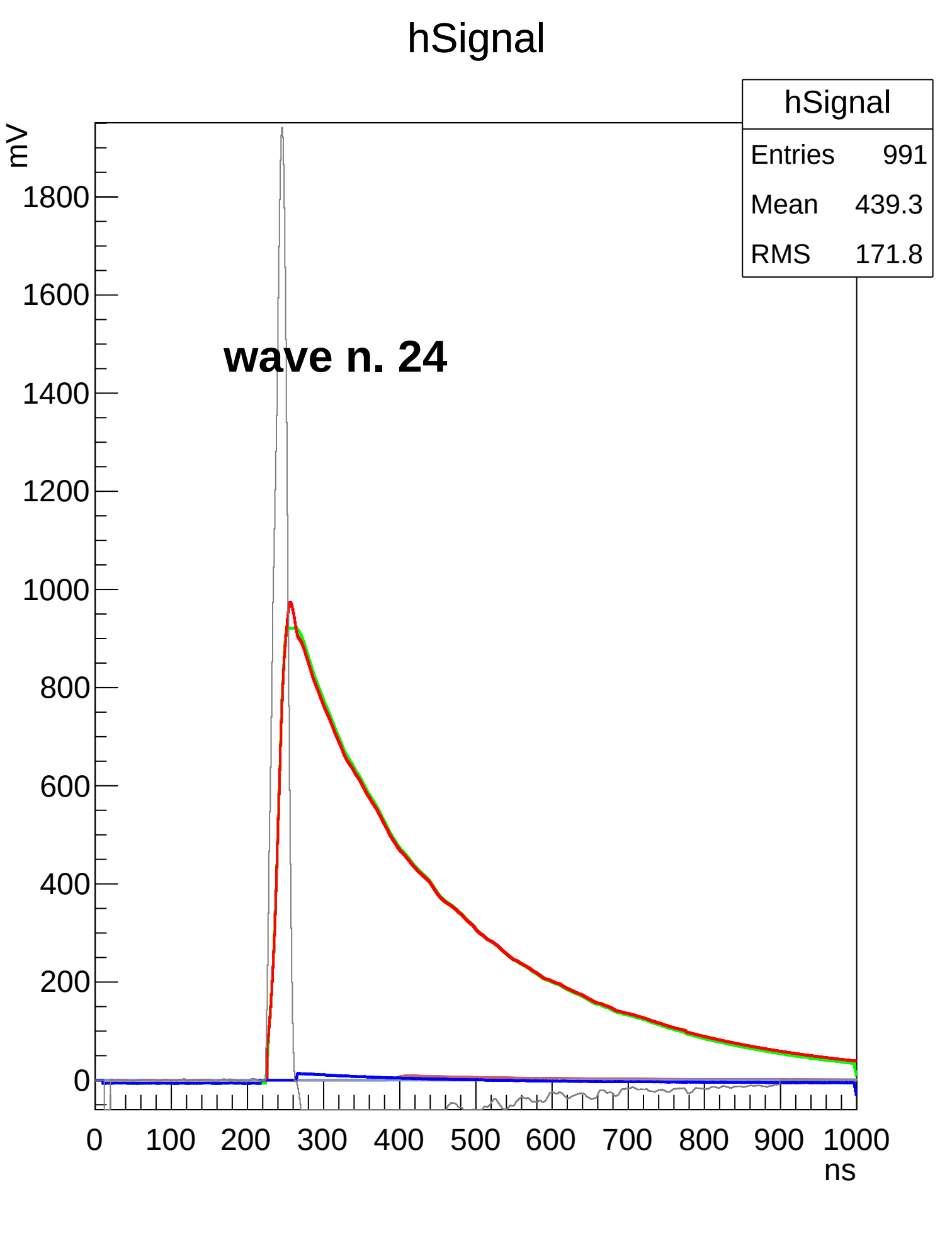
ns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hSignal
Entries 991
Mean 439.3
RMS 171.8
wave n. 24
mV
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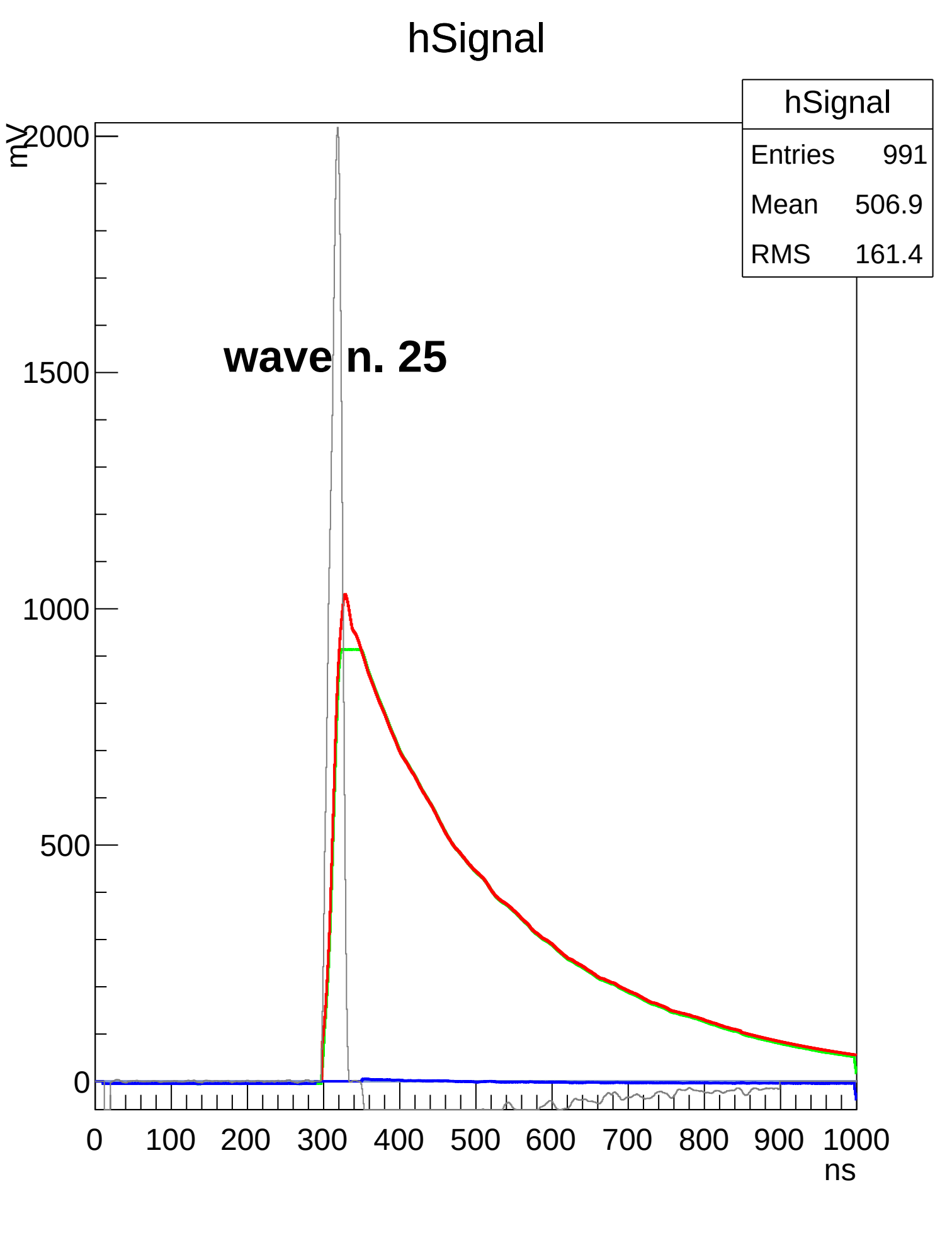
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 506.9
RMS 161.4
wave n. 25
mV
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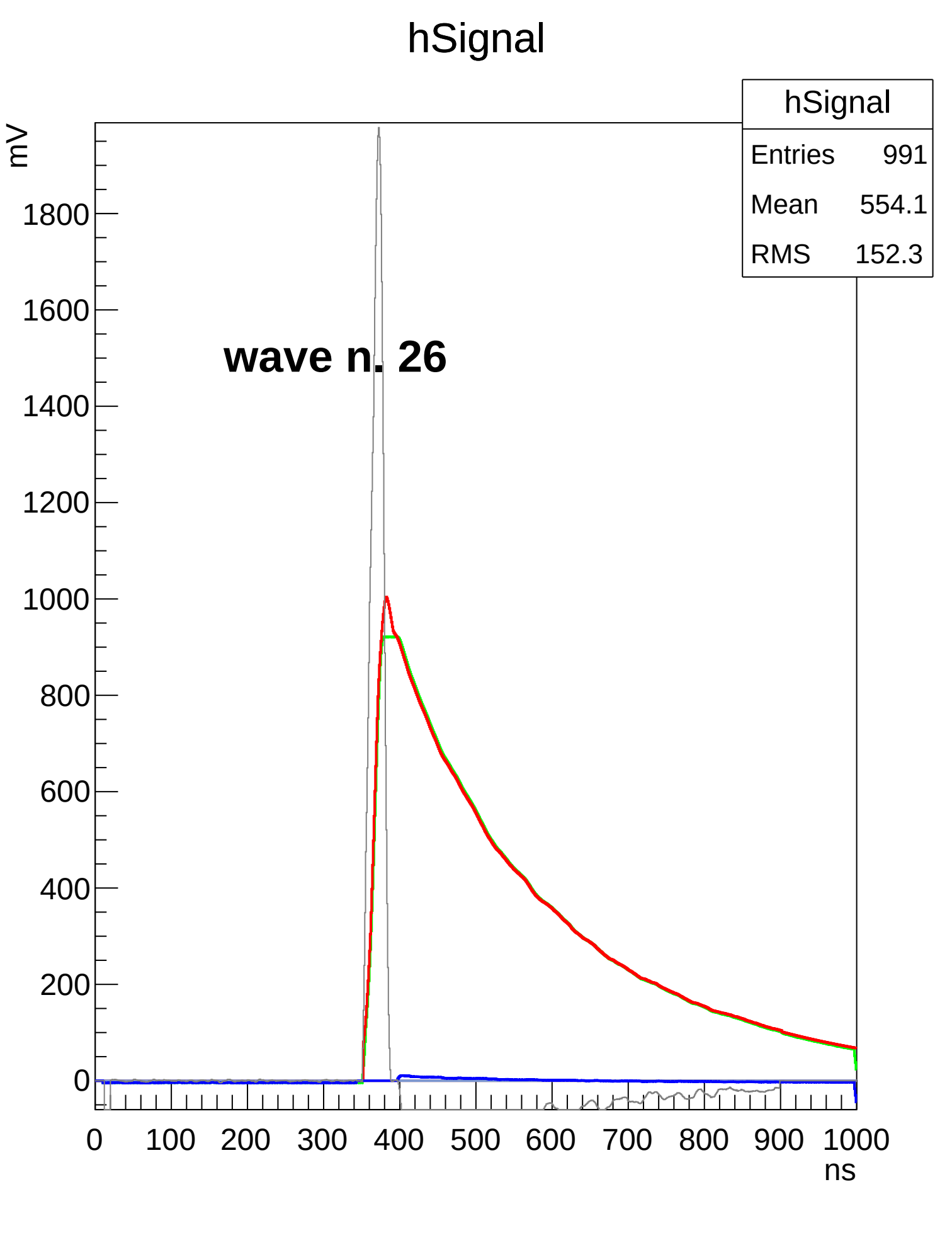
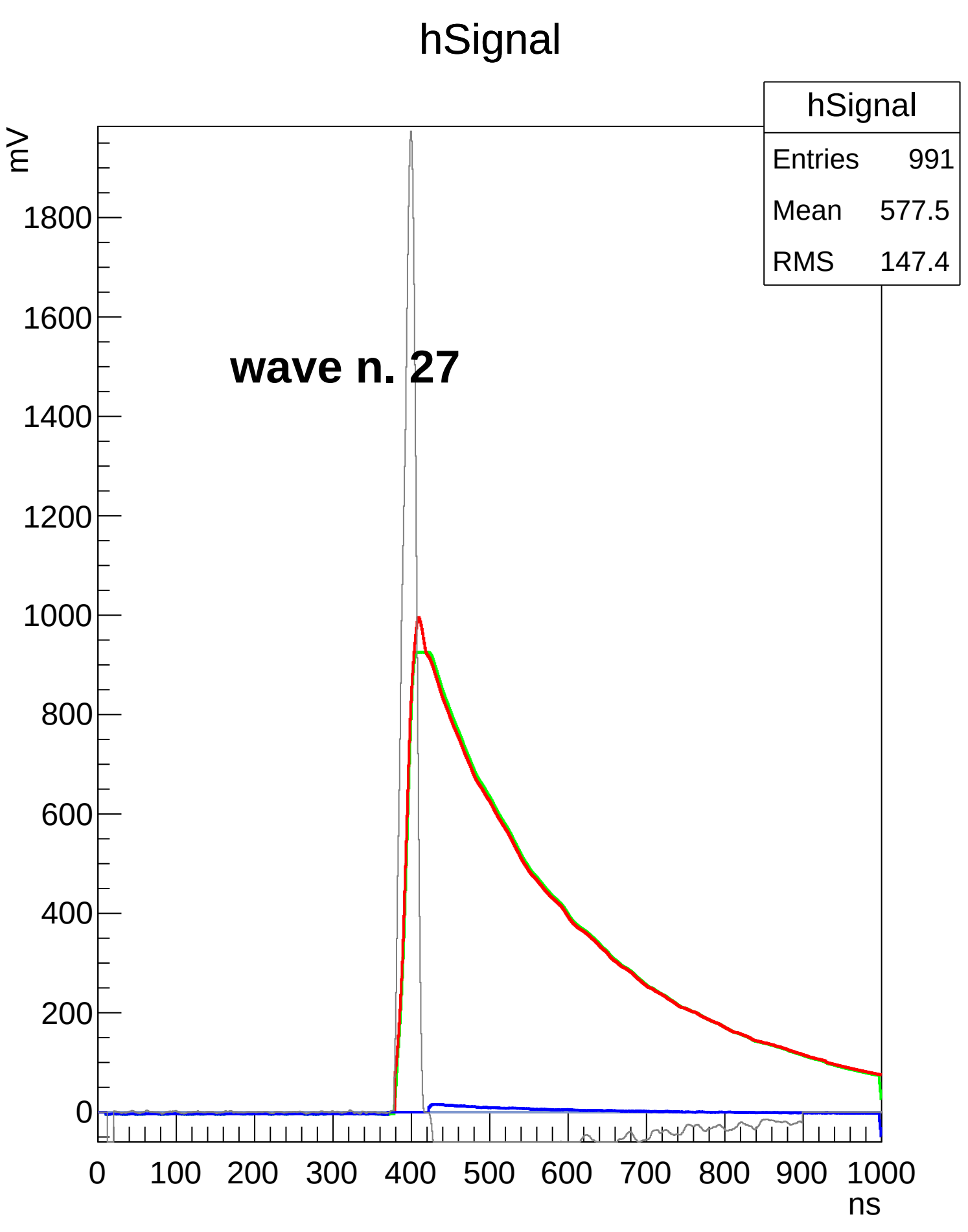
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 554.1
RMS 152.3
wave n. 26
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 577.5
RMS 147.4
wave n. 27
mV
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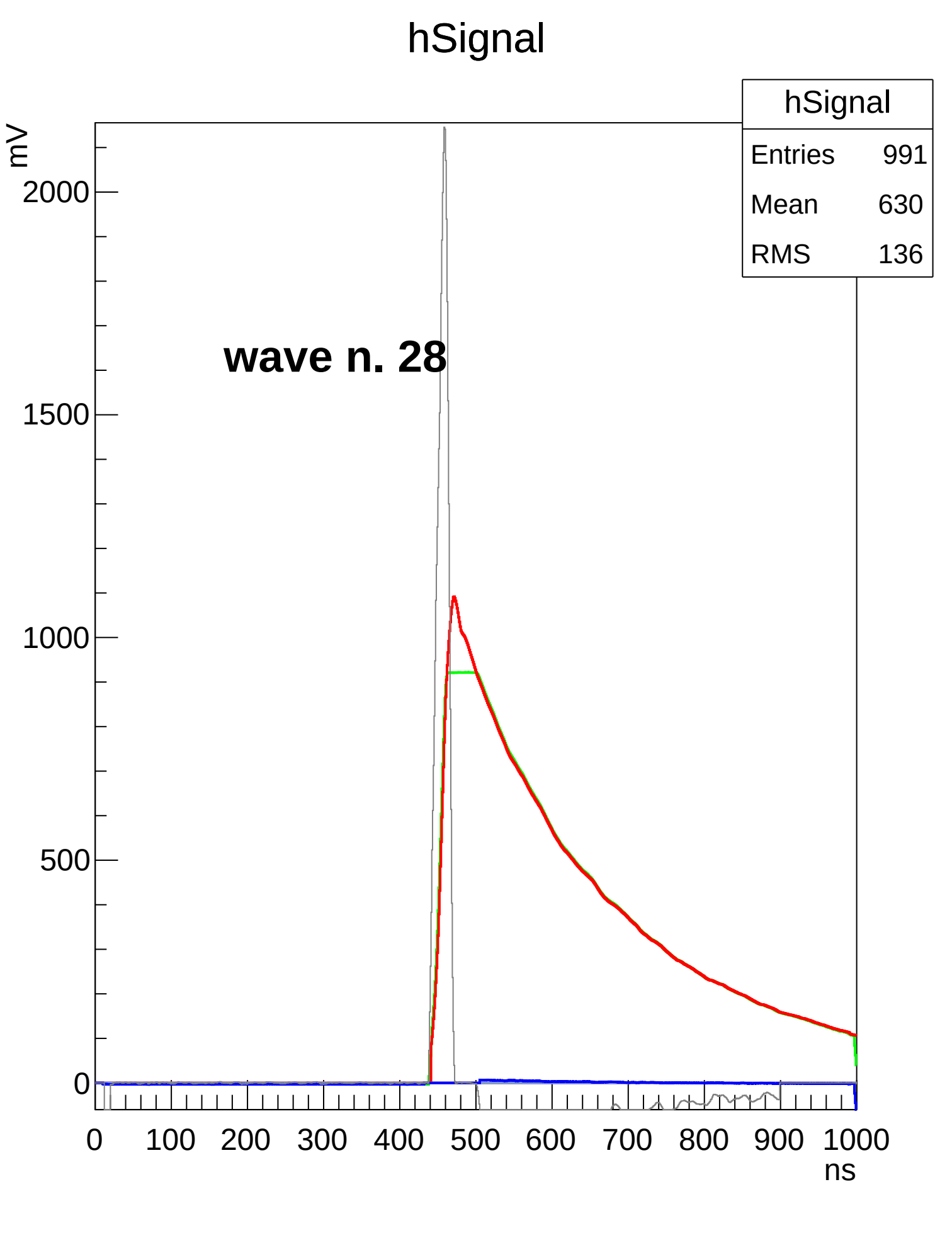
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 630
RMS 136
wave n. 28
mV
2000
1500
1000
500
0
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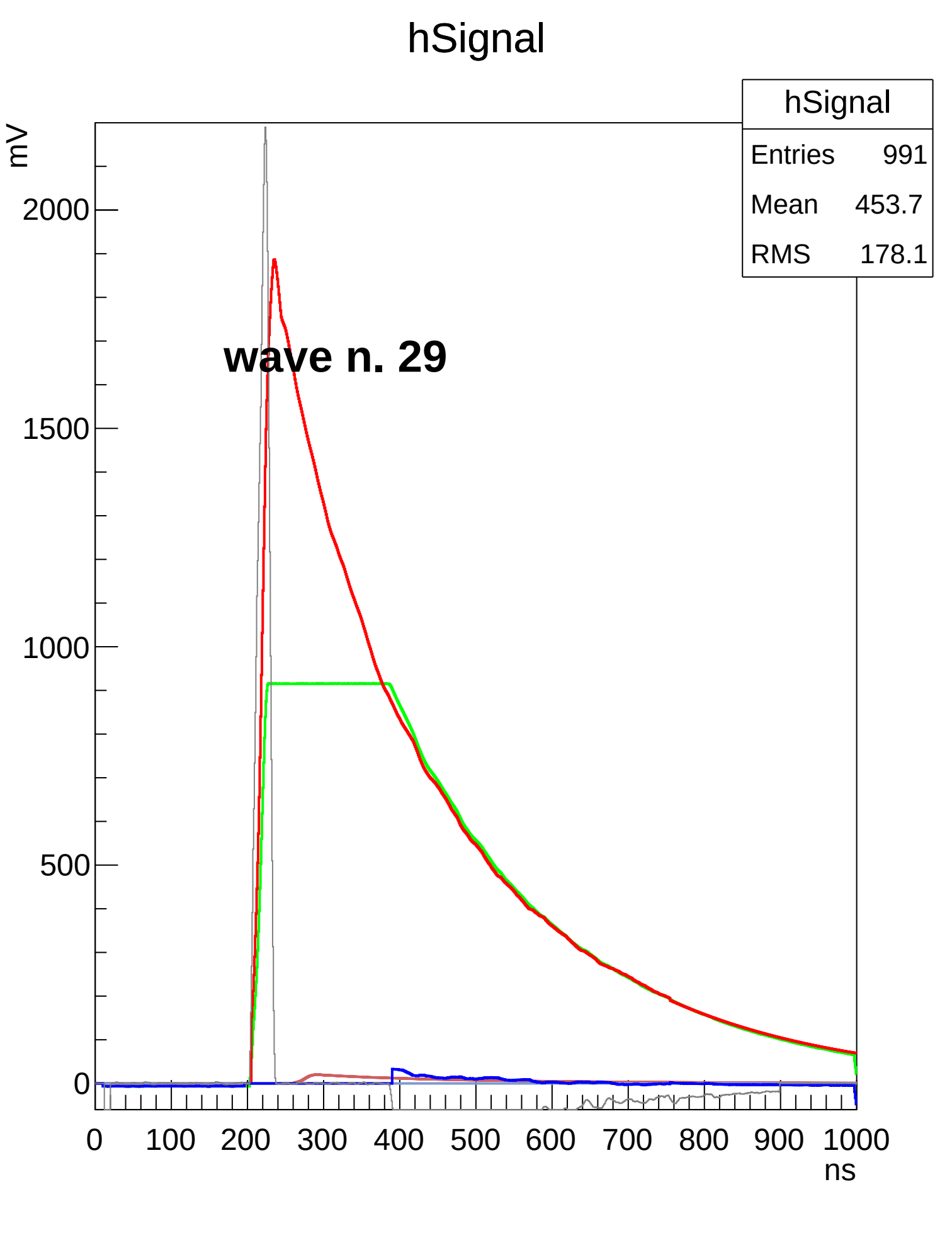
ns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Entries 991
Mean 453.7
RMS 178.1
wave n. 29
mV
2000
1500
1000
500
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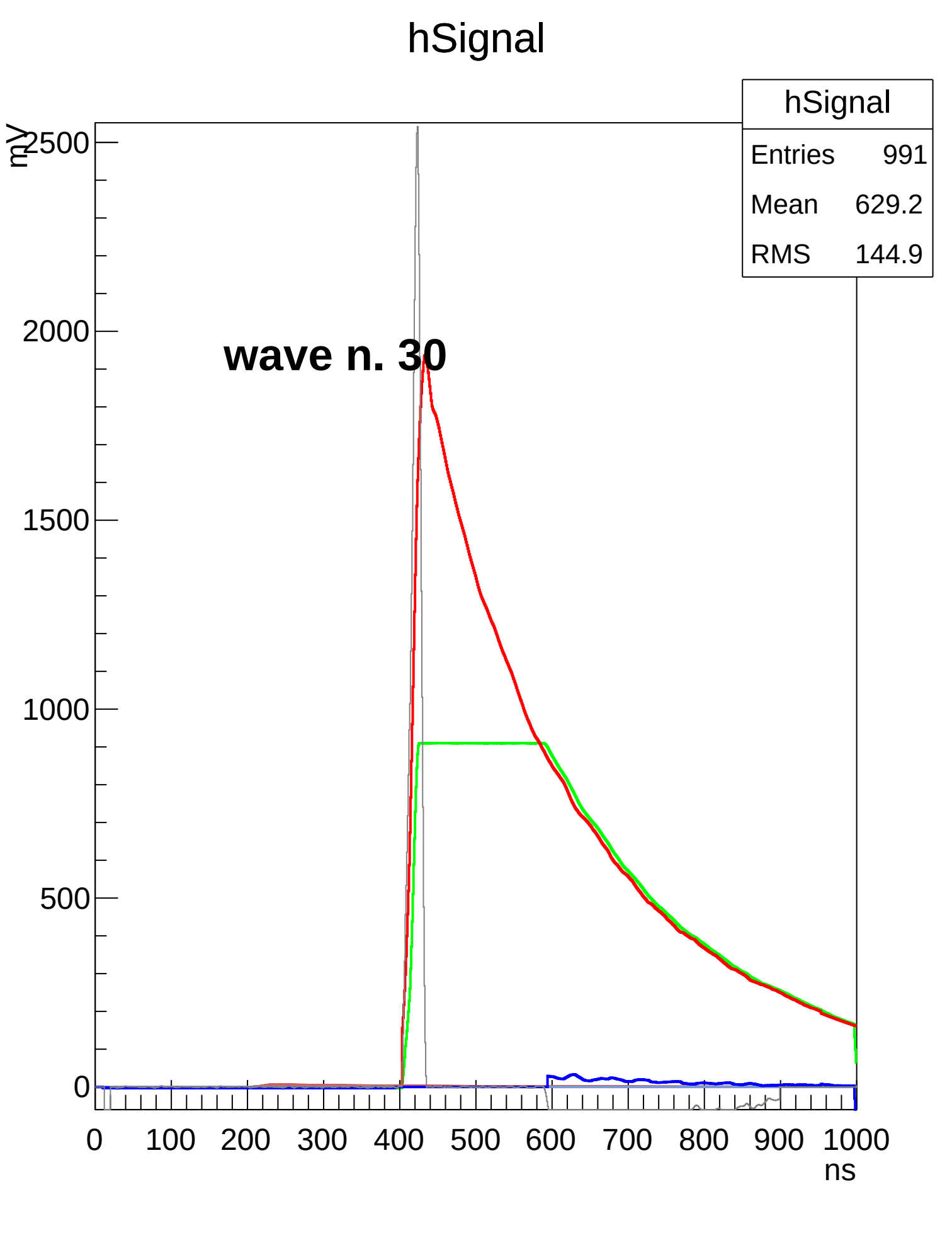
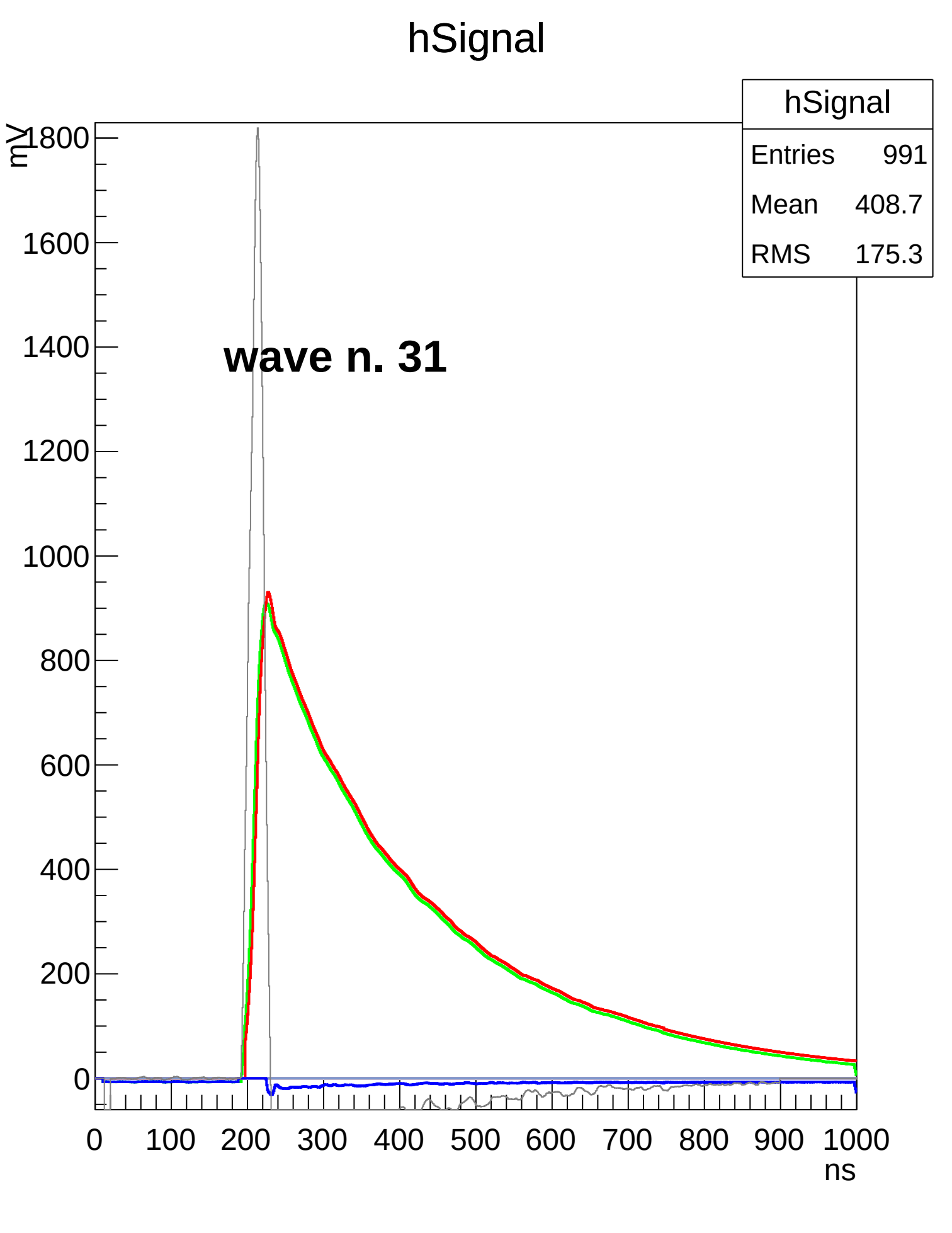
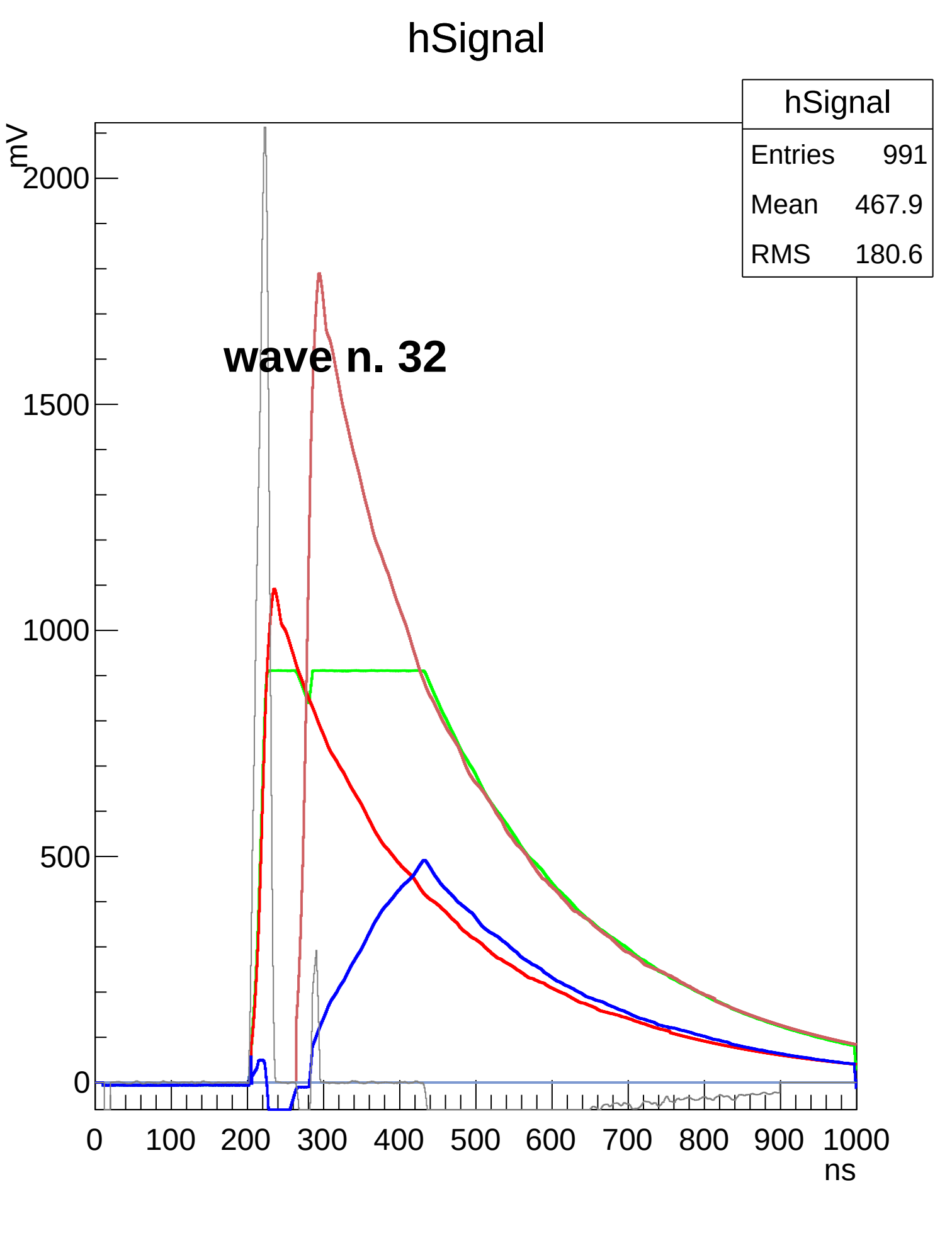
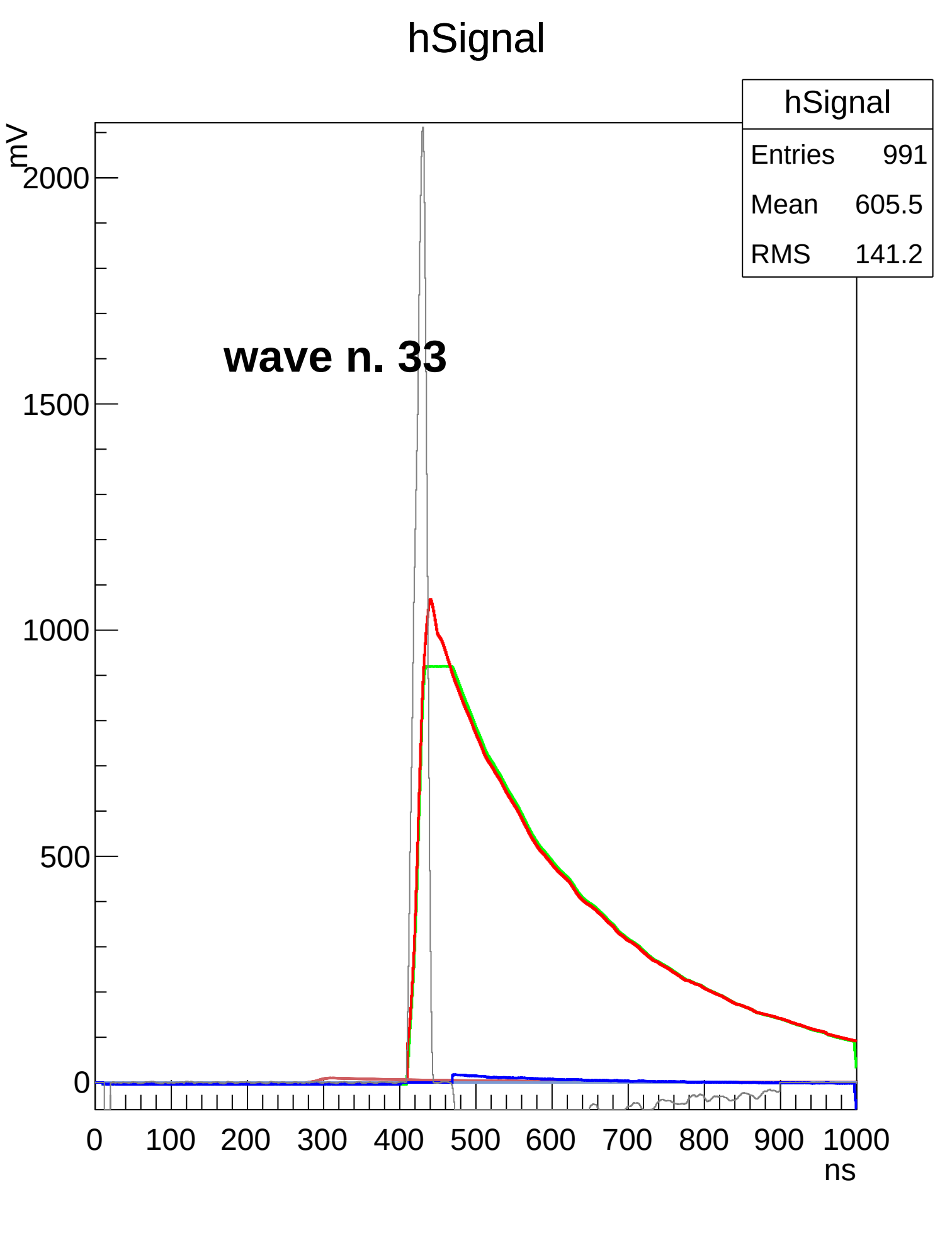
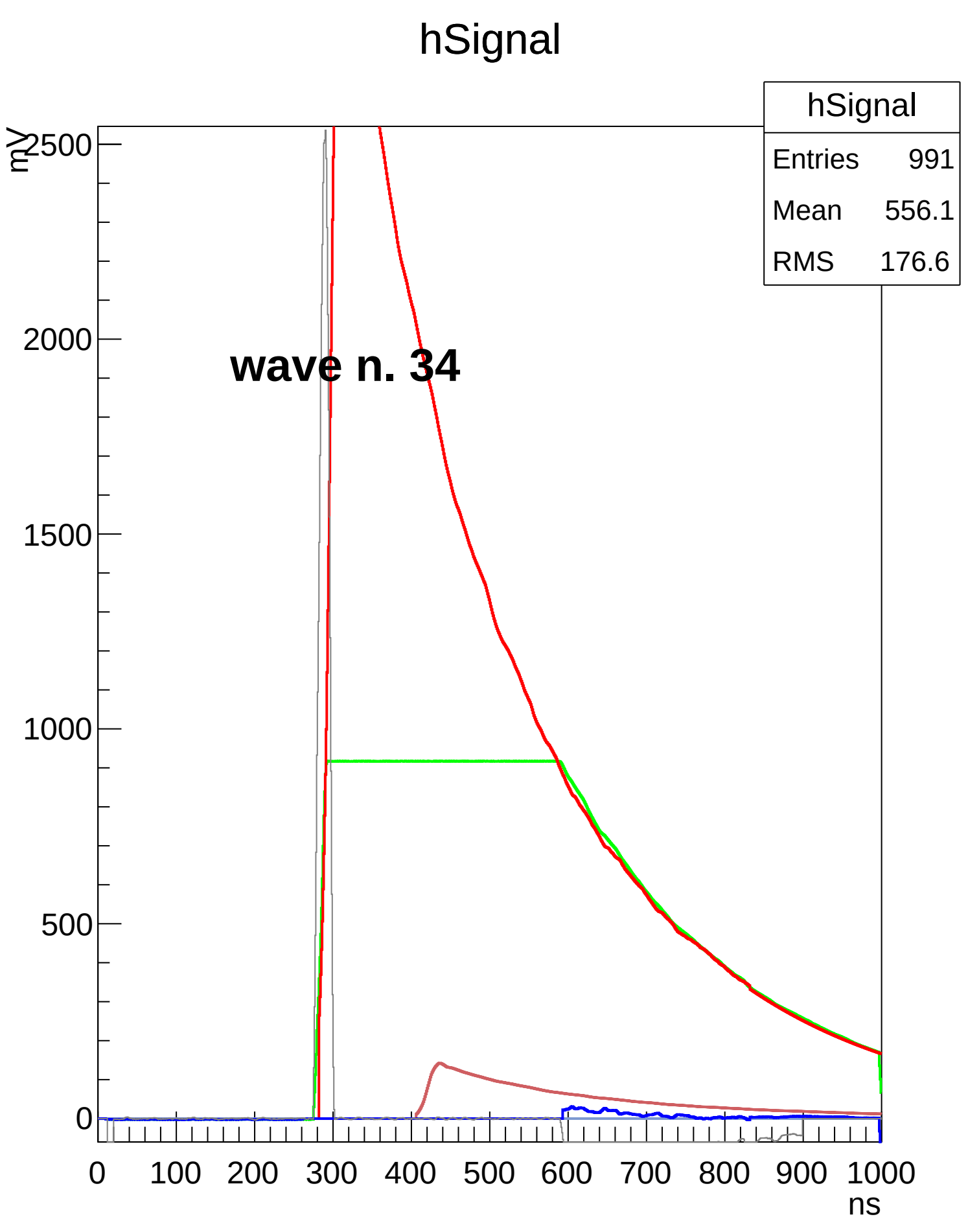
ns

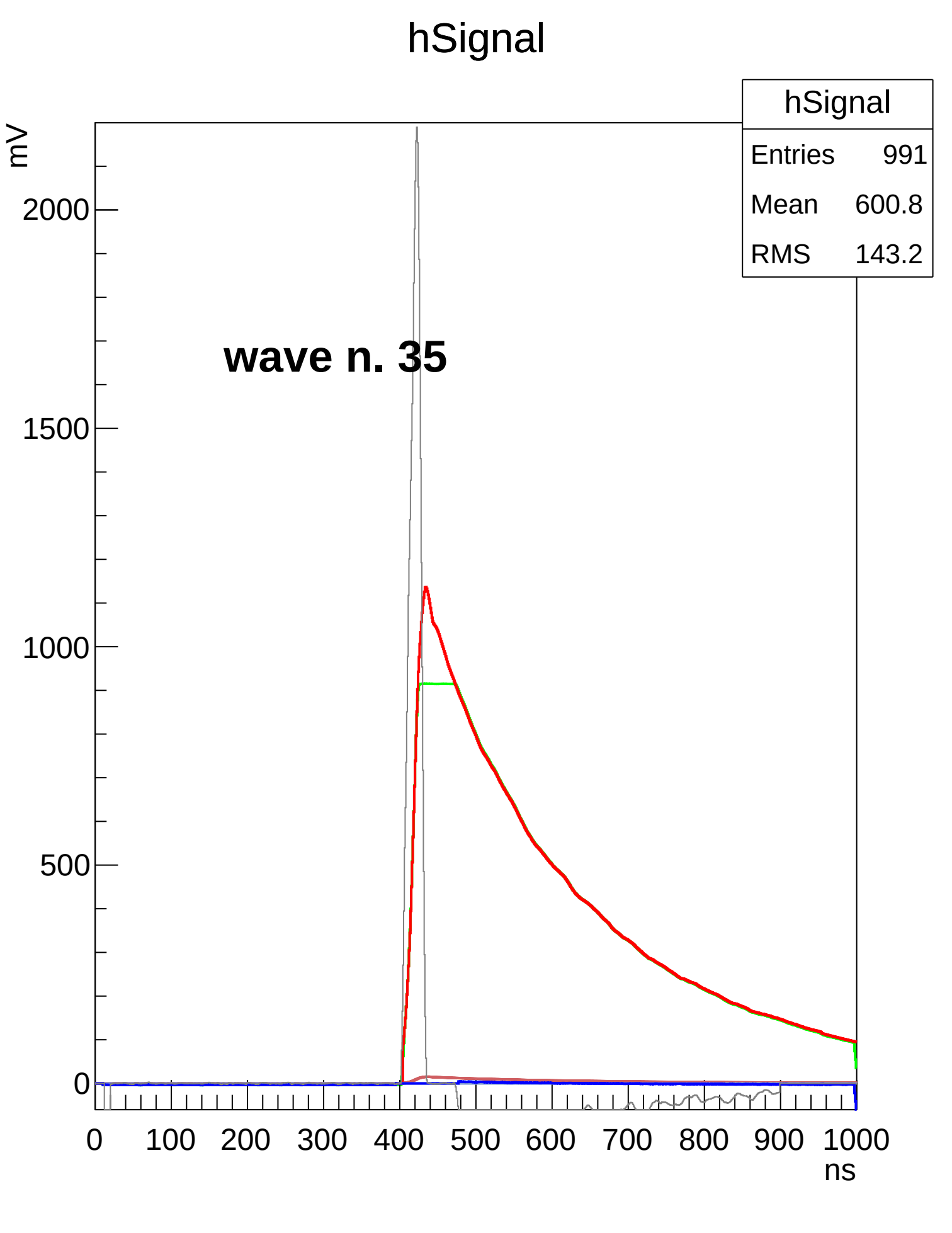

hSignal
hSignal
Entries 991
Mean 629.2
RMS 144.9
wave n. 30
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

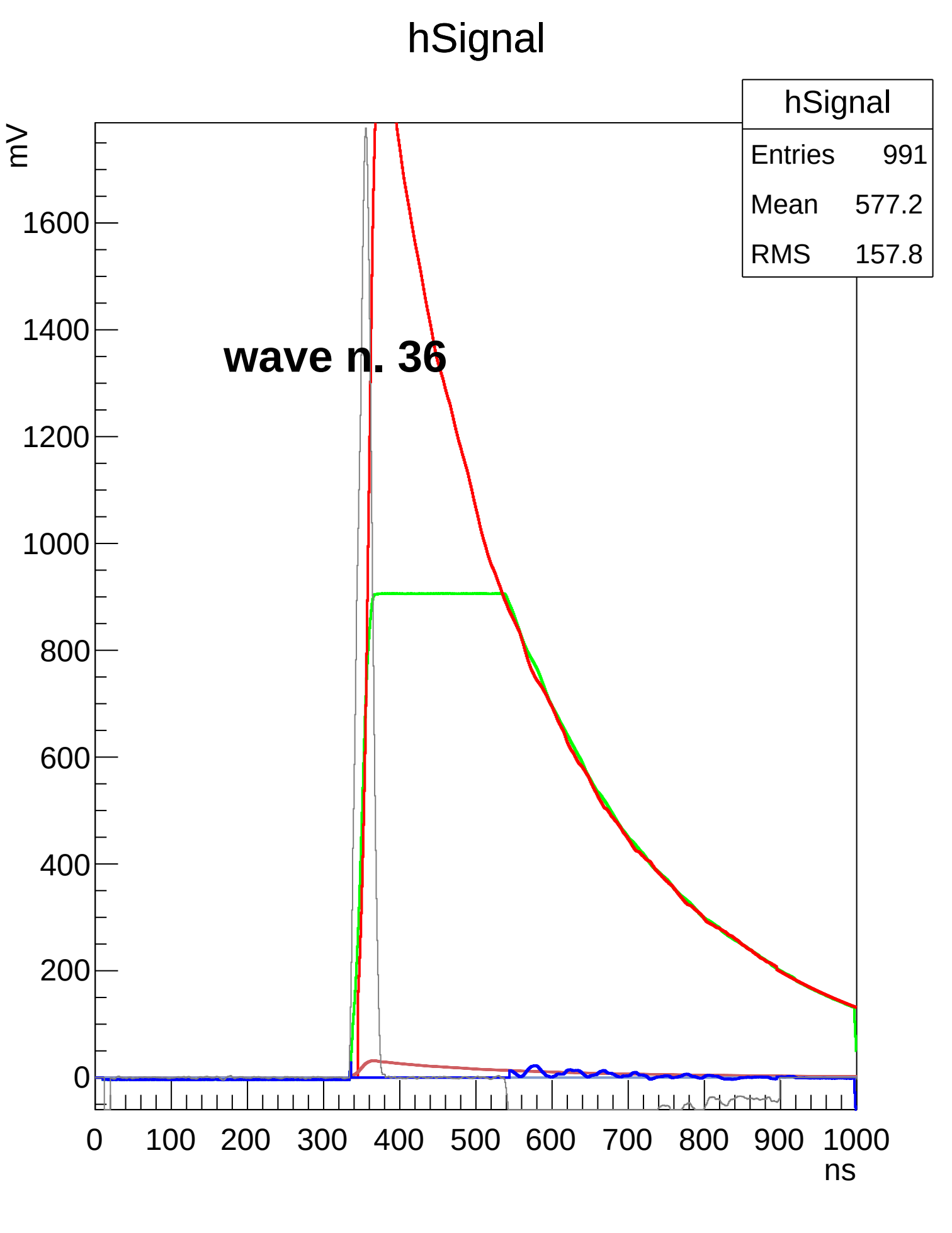

hSignal
hSignal
Entries 991
Mean 408.7
RMS 175.3
wave n. 31
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

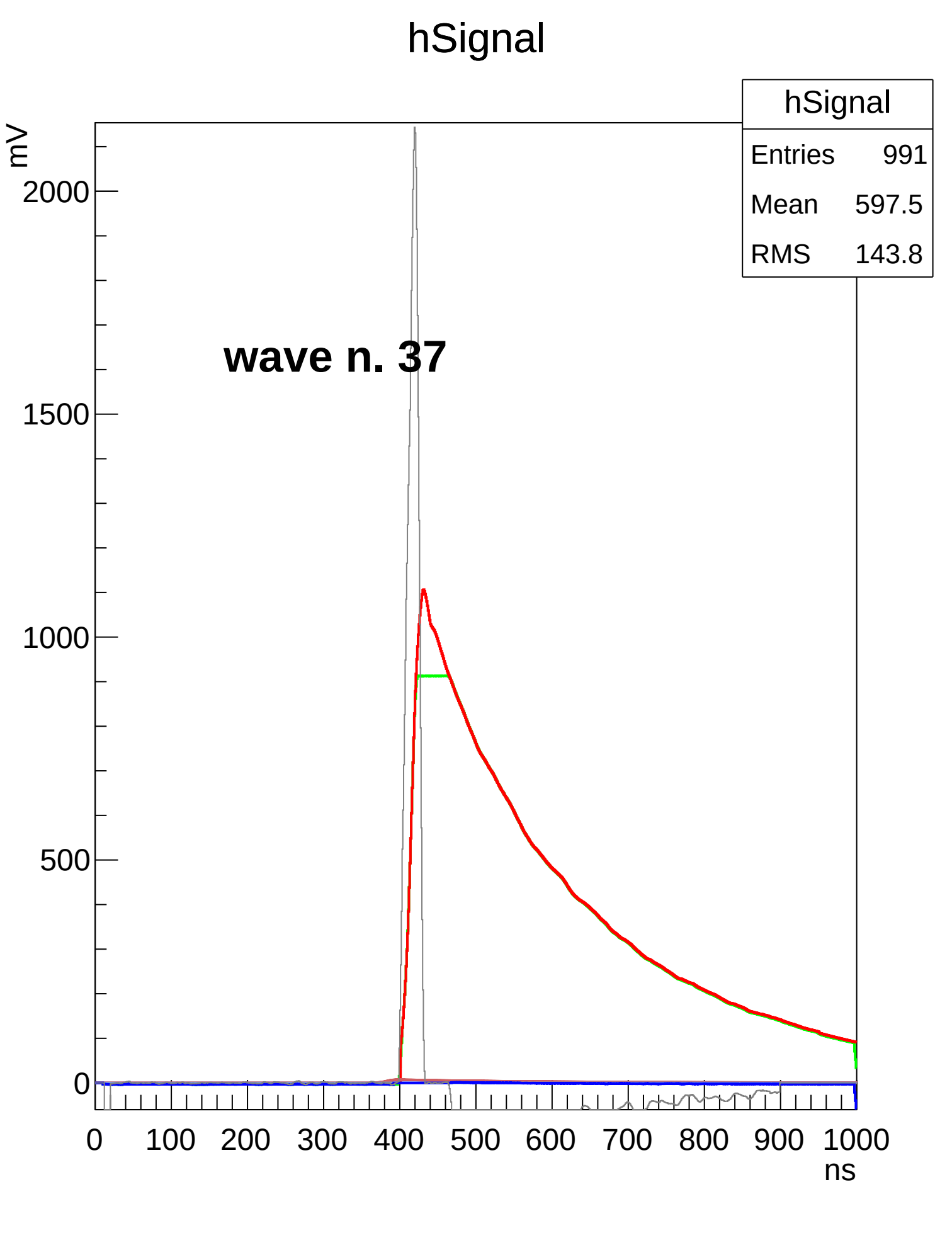

hSignal
hSignal
Entries 991
Mean 467.9
RMS 180.6
wave n. 32
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

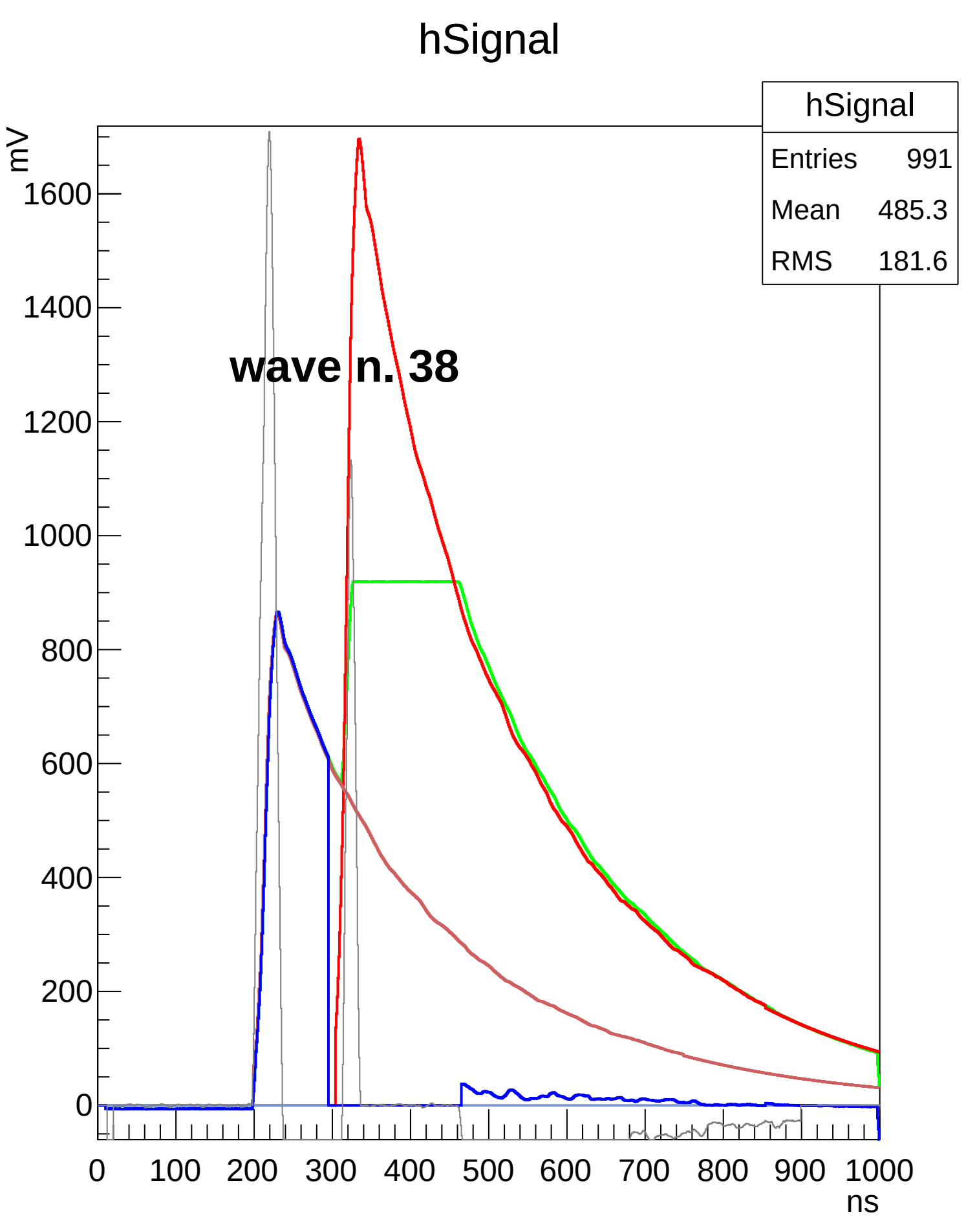

hSignal
hSignal
Entries 991
Mean 605.5
RMS 141.2
wave n. 33
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

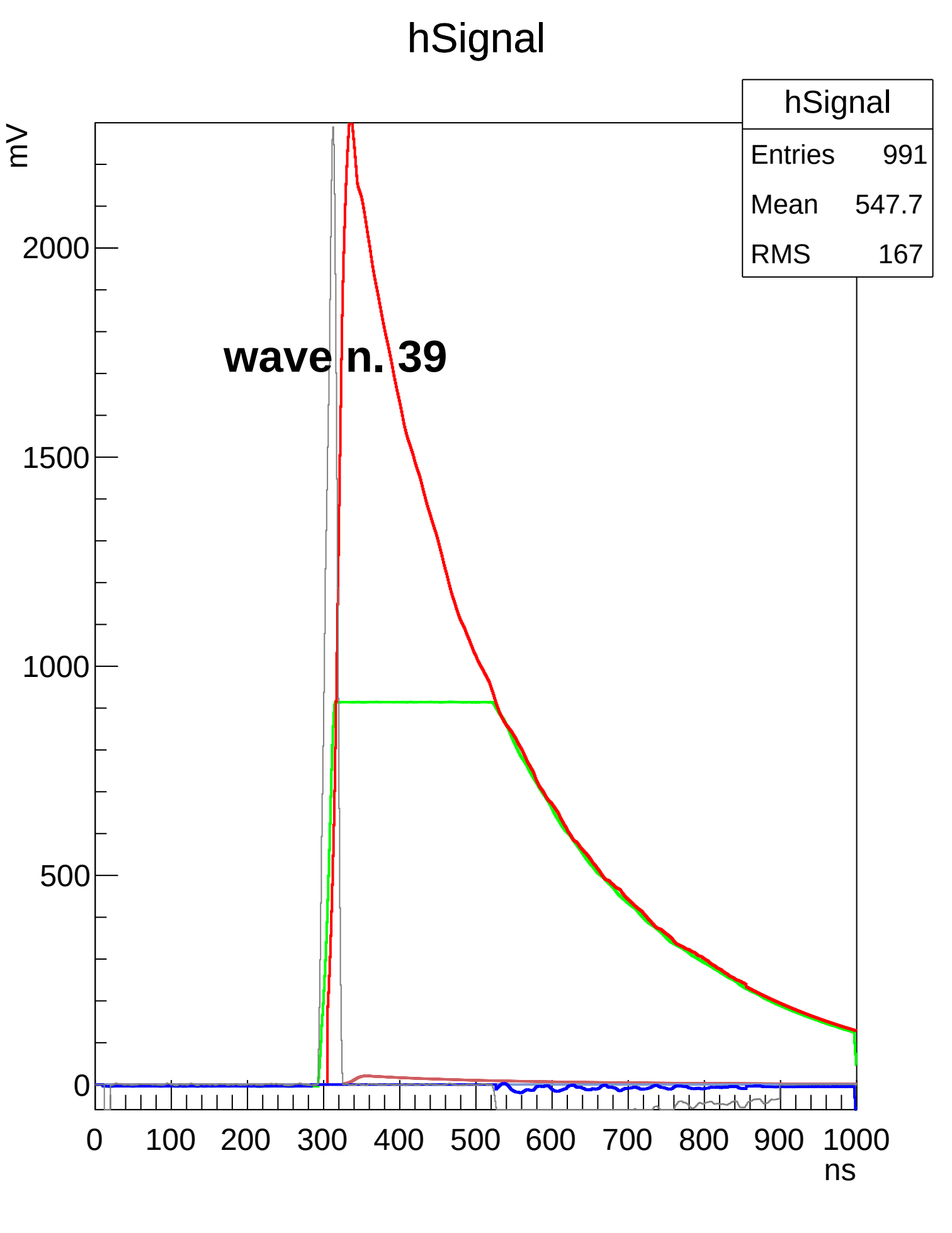

hSignal
hSignal
Entries 991
Mean 556.1
RMS 176.6
wave n. 34
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 600.8
RMS 143.2
wave n. 35
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 577.2
RMS 157.8
wave n. 36
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 597.5
RMS 143.8
wave n. 37
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485.3
RMS 181.6
wave n. 38
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547.7
RMS 167
wave n. 39
mV
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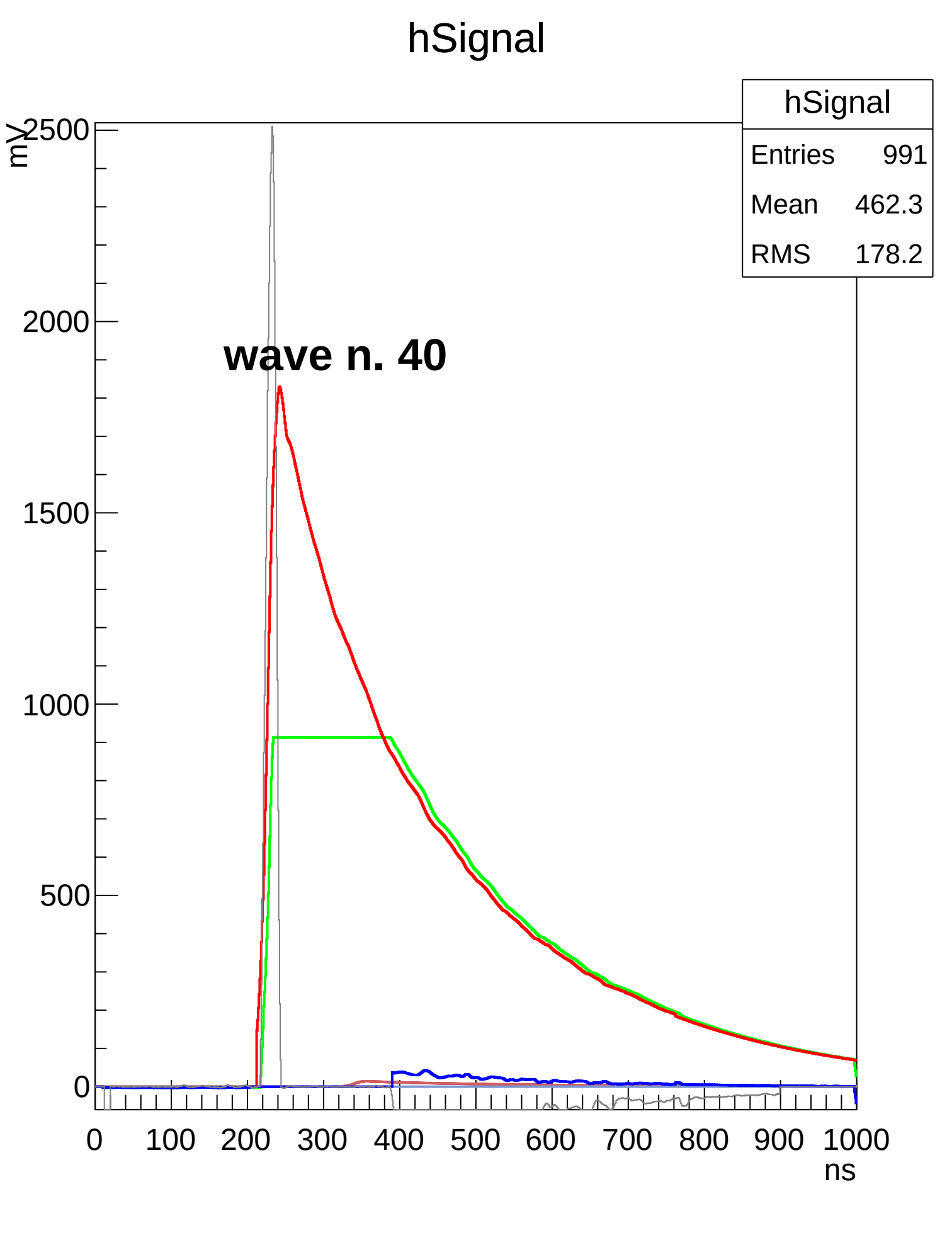
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 462.3
RMS 178.2
wave n. 40
mV
2500
2000
1500
1000
500
0
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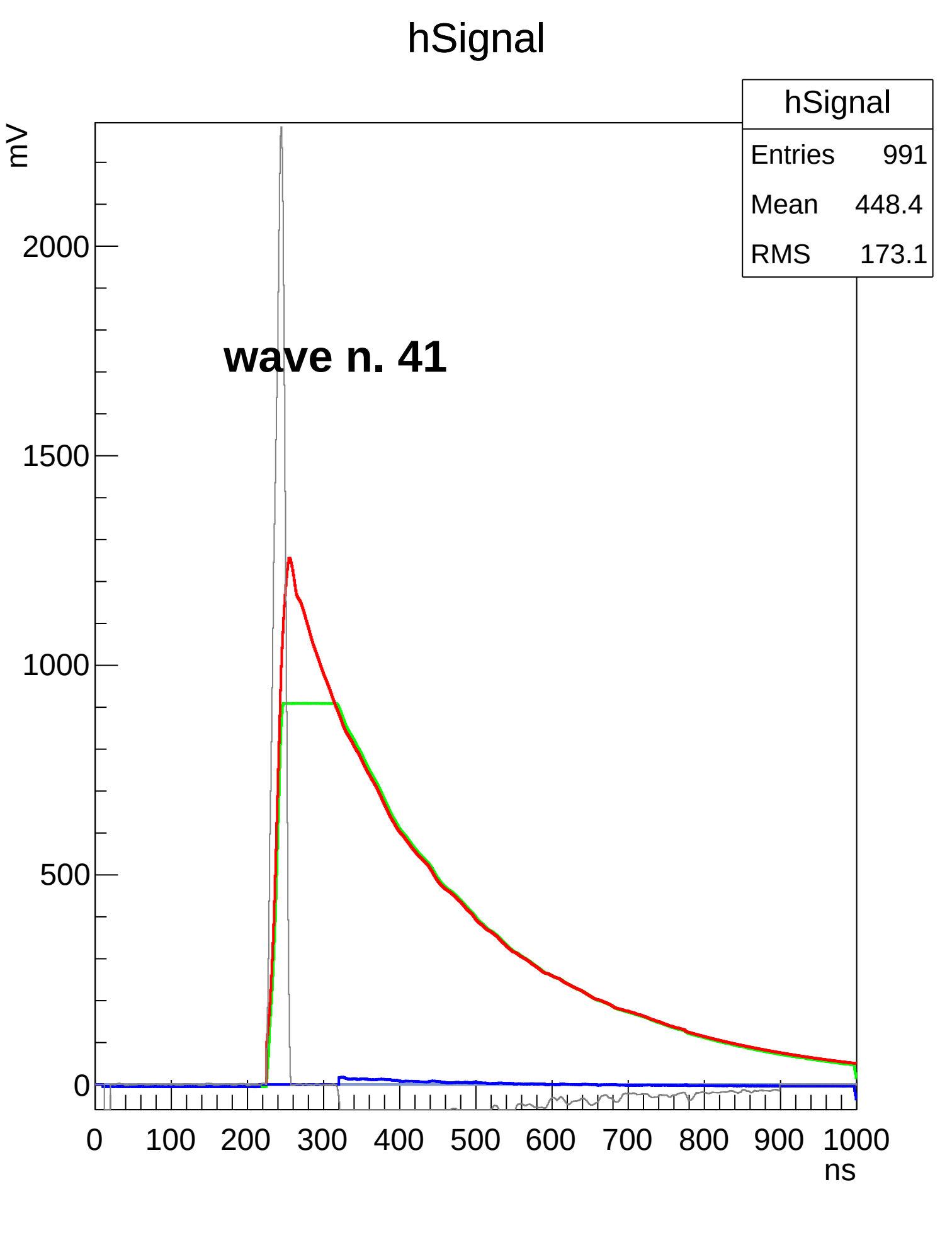
ns


hSignal
hSignal
Entries 991
Mean 448.4
RMS 173.1
wave n. 41
mV
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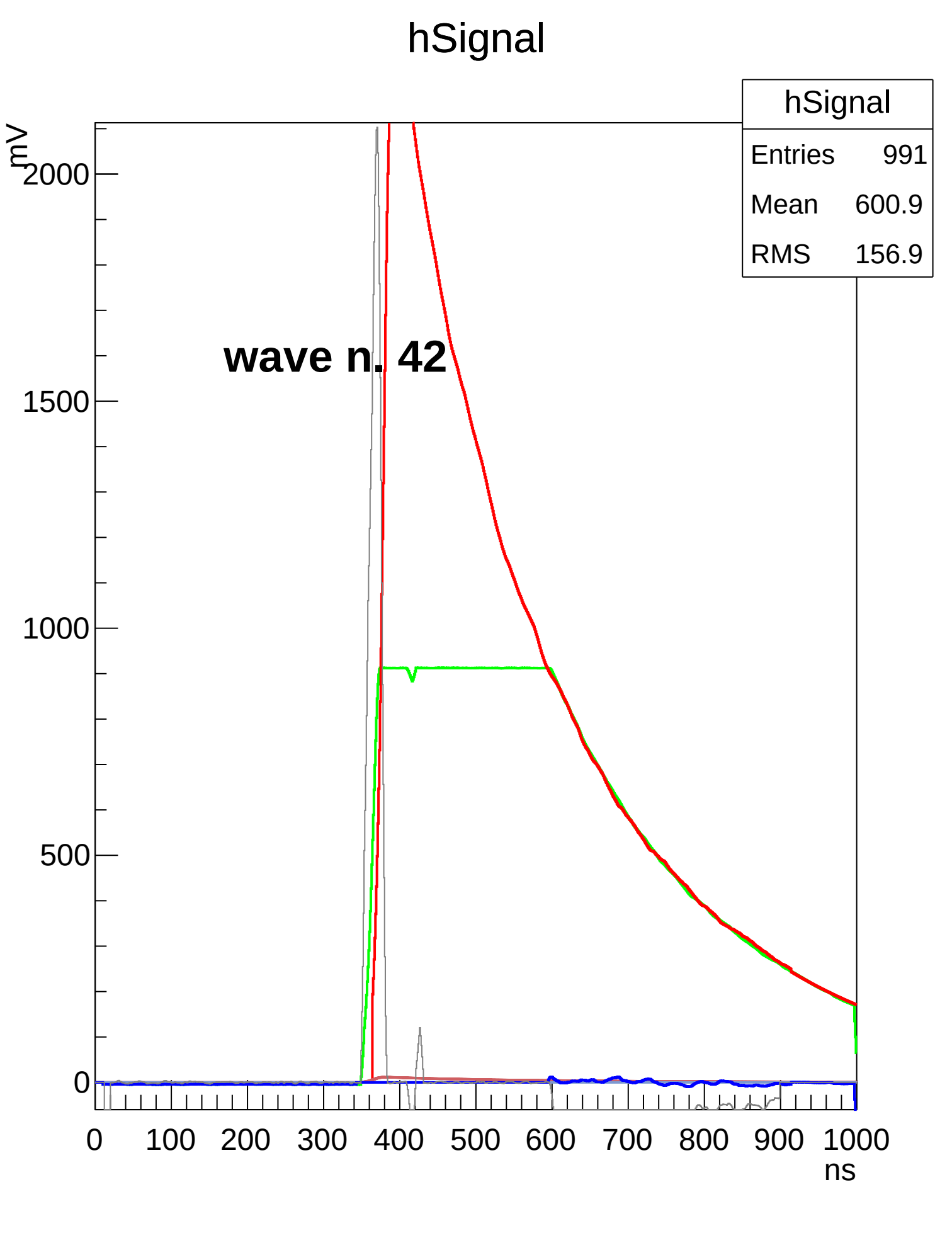
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 600.9
RMS 156.9
wave n. 42
mV
2000
1500
1000
500
0
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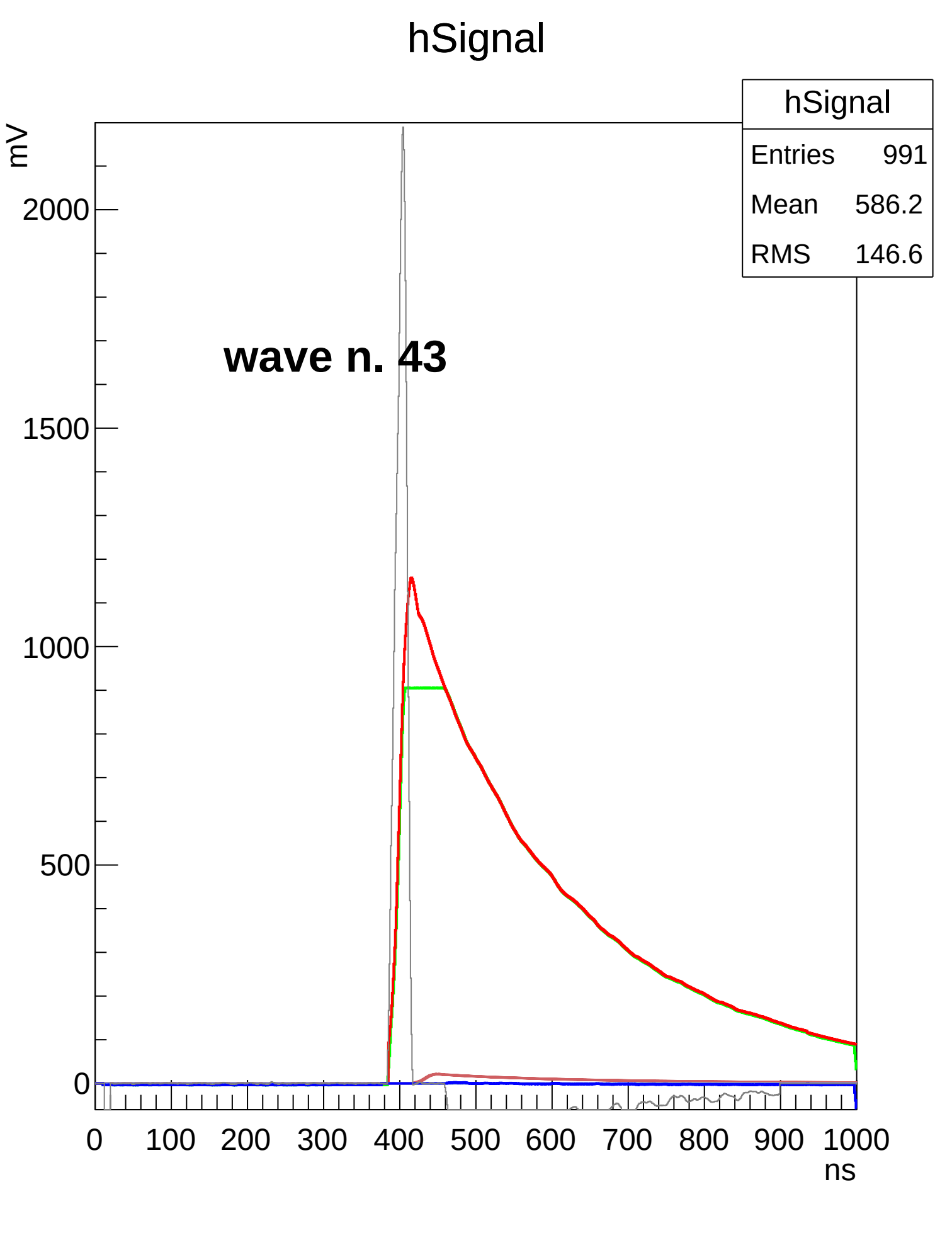
ns


hSignal
hSignal
Entries 991
Mean 586.2
RMS 146.6
wave n. 43
mV
2000
1500
1000
500
0
0
100
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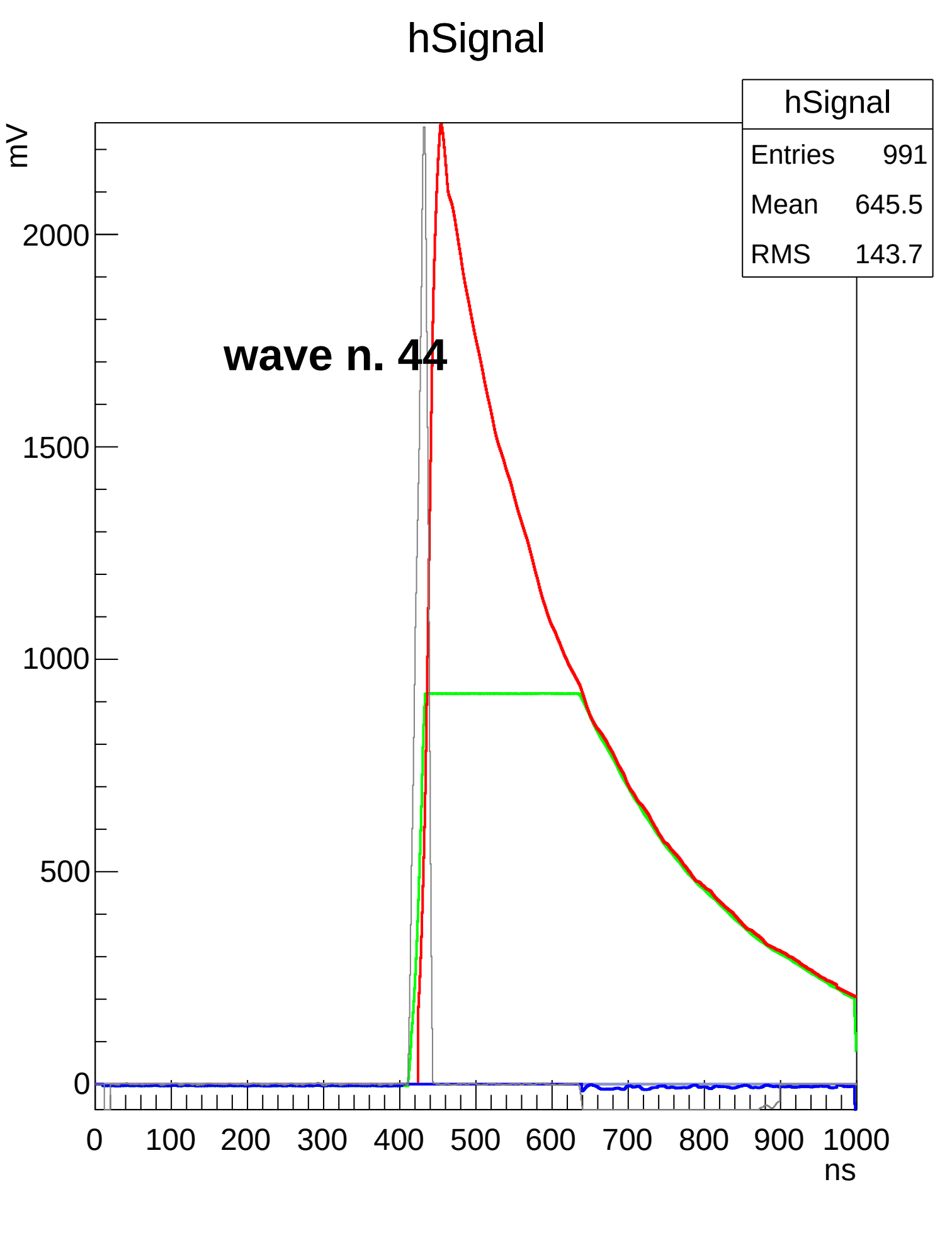
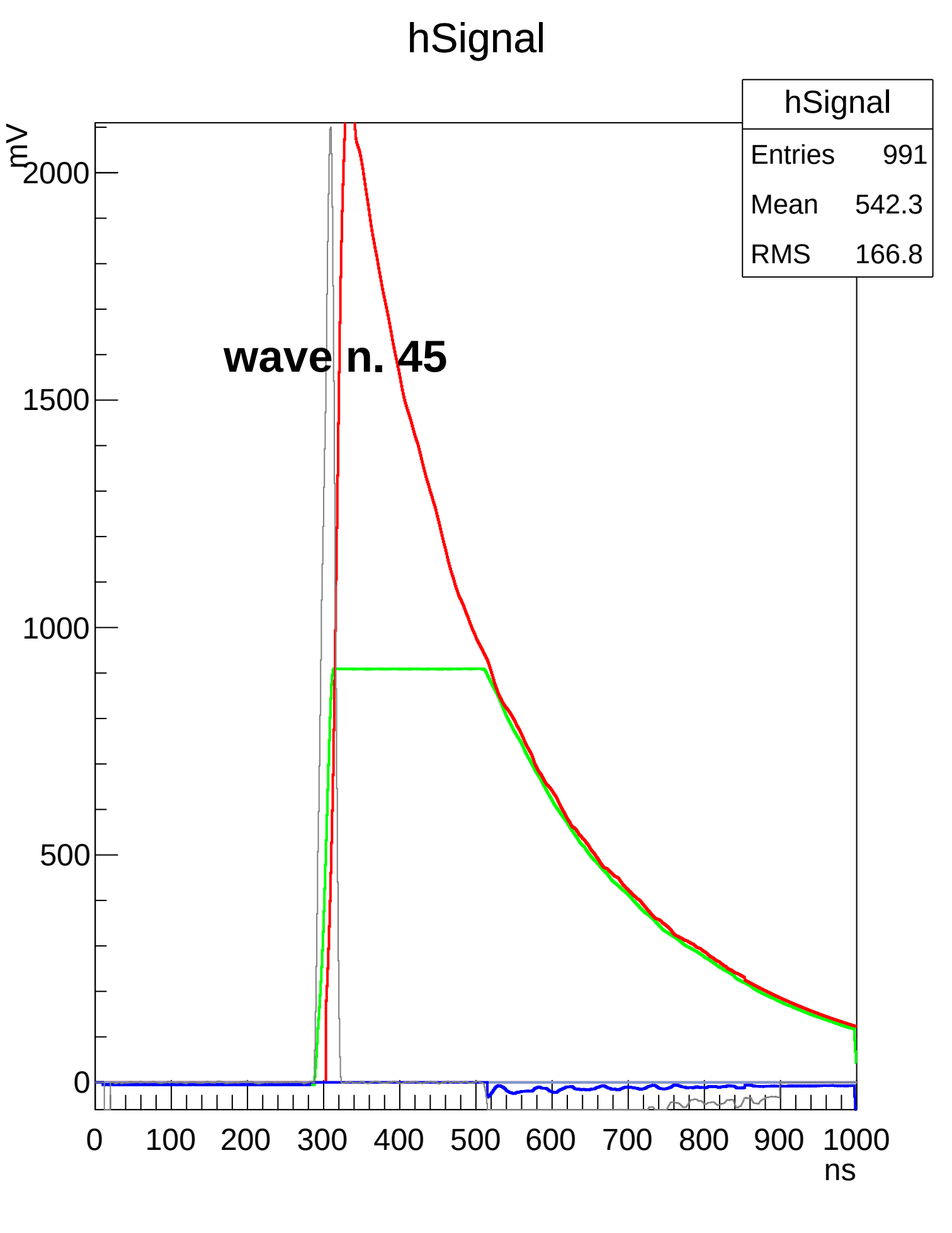
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 645.5
RMS 143.7
wave n. 44
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 542.3
RMS 166.8
wave n. 45
mV
2000
1500
1000
500
0
0
100
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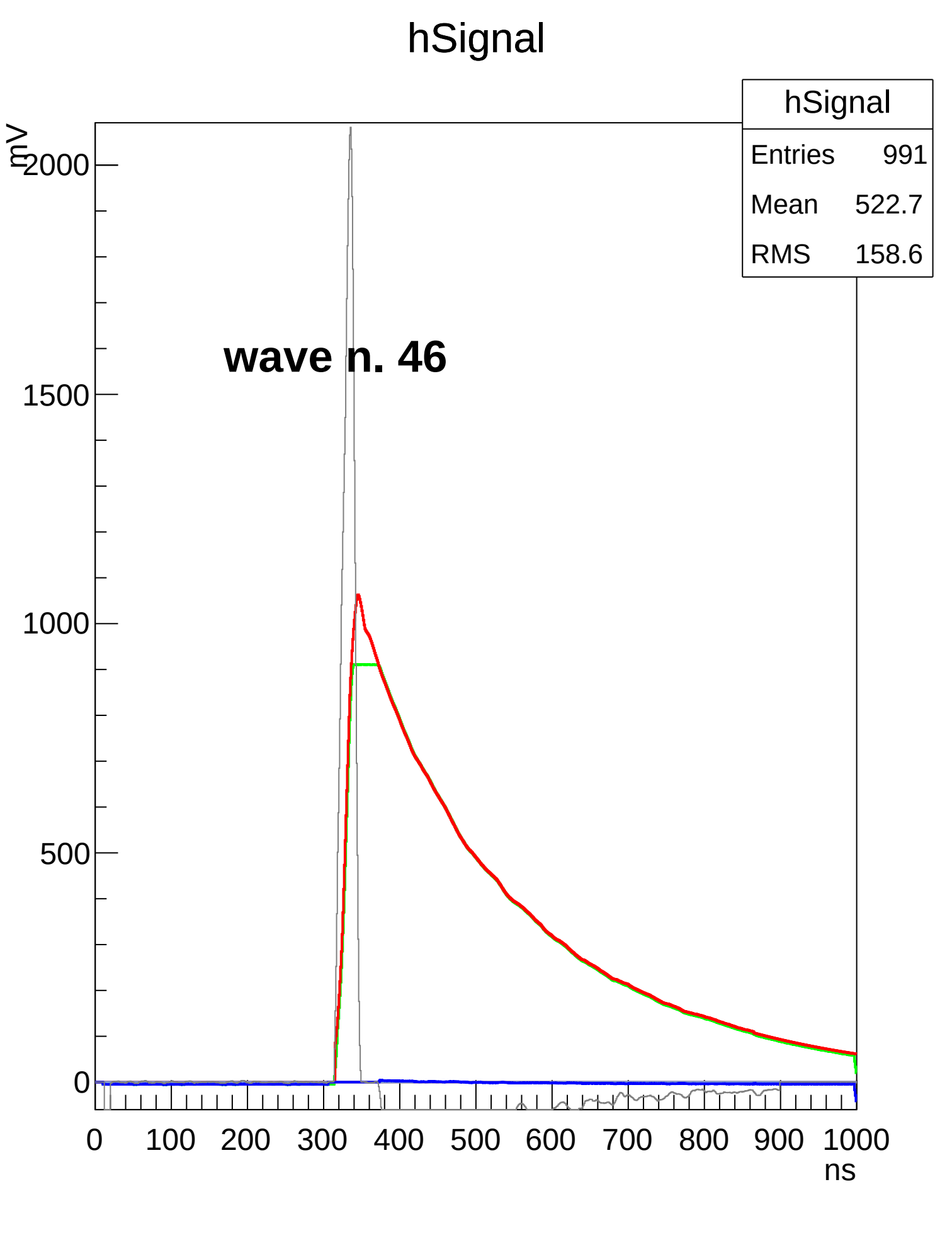
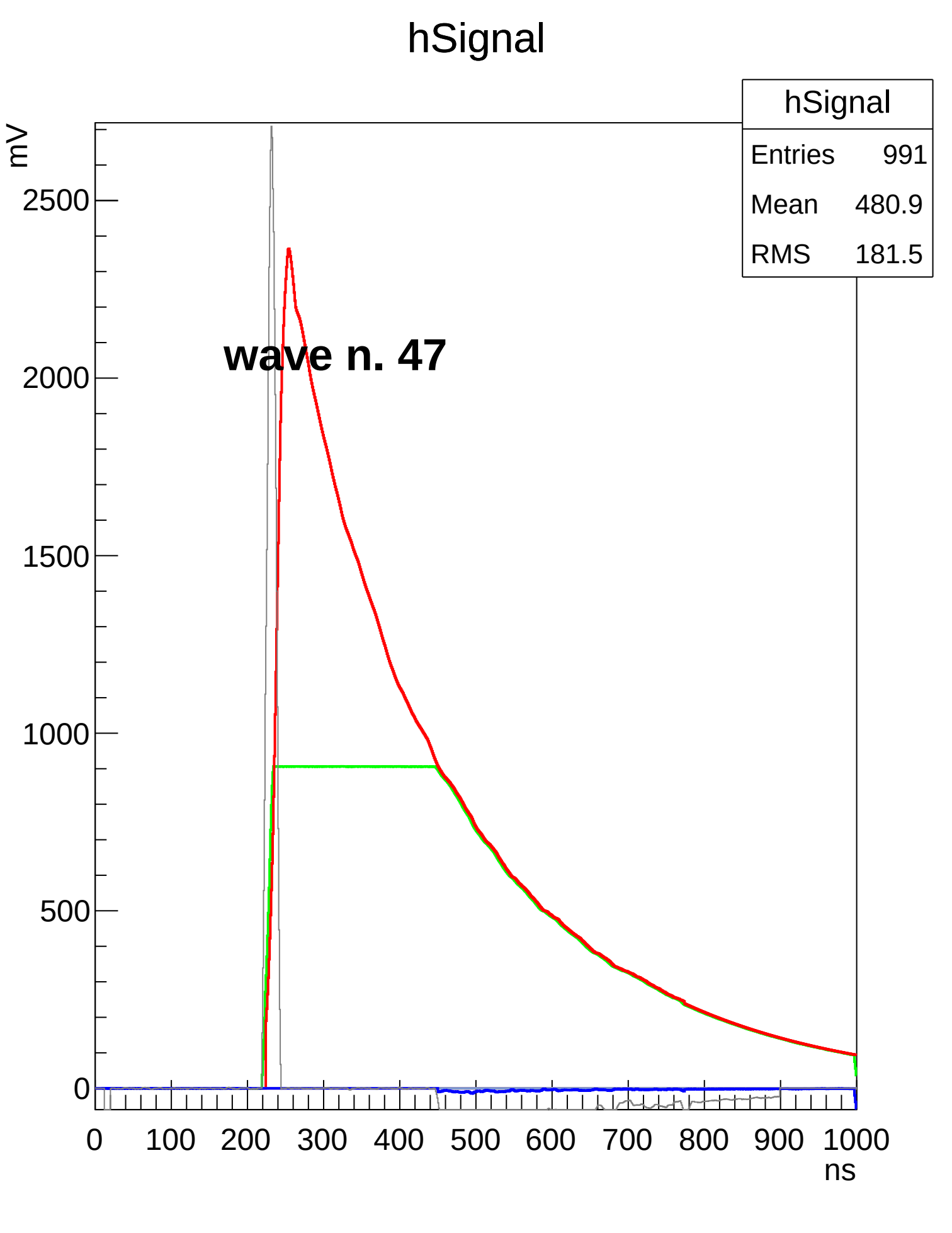
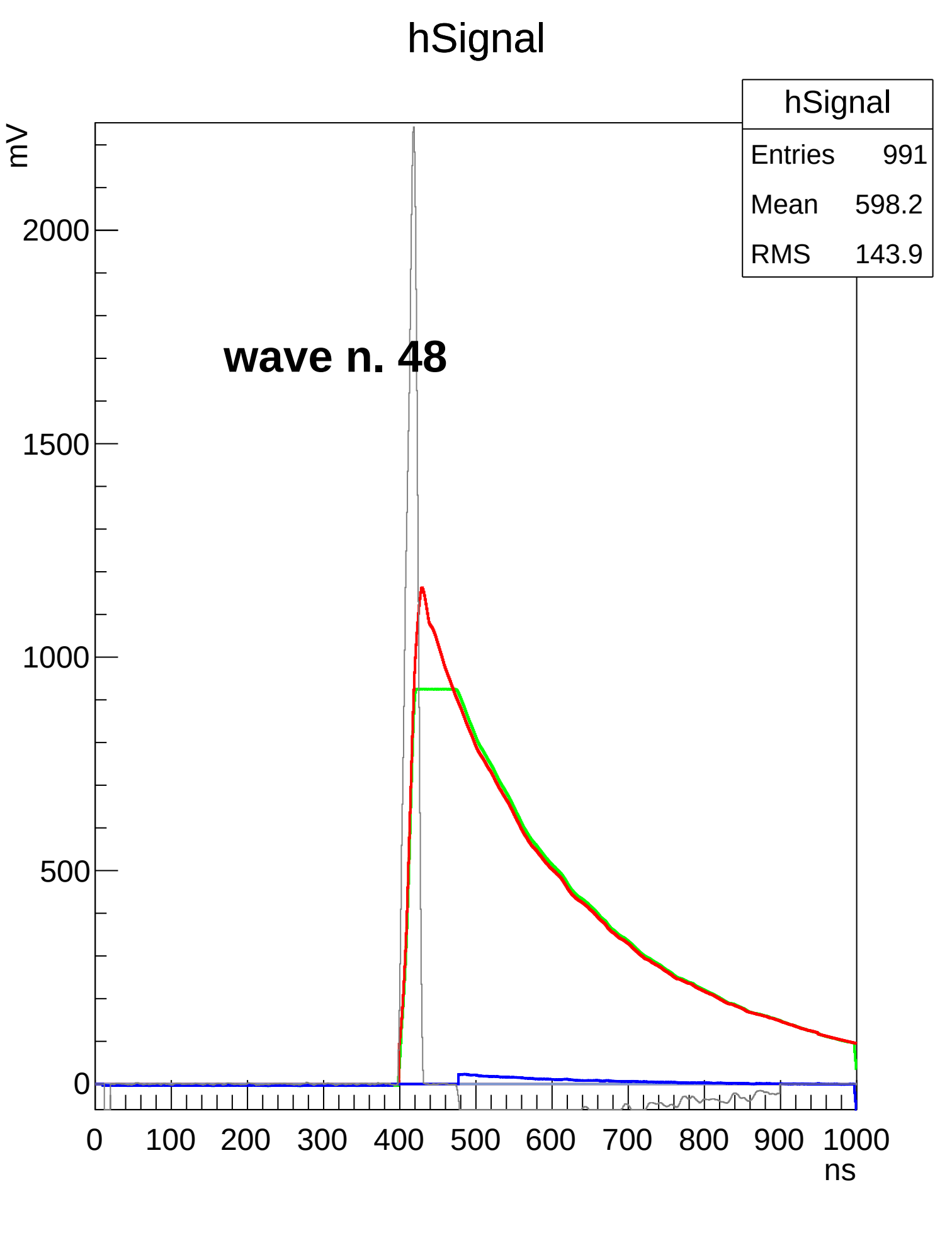
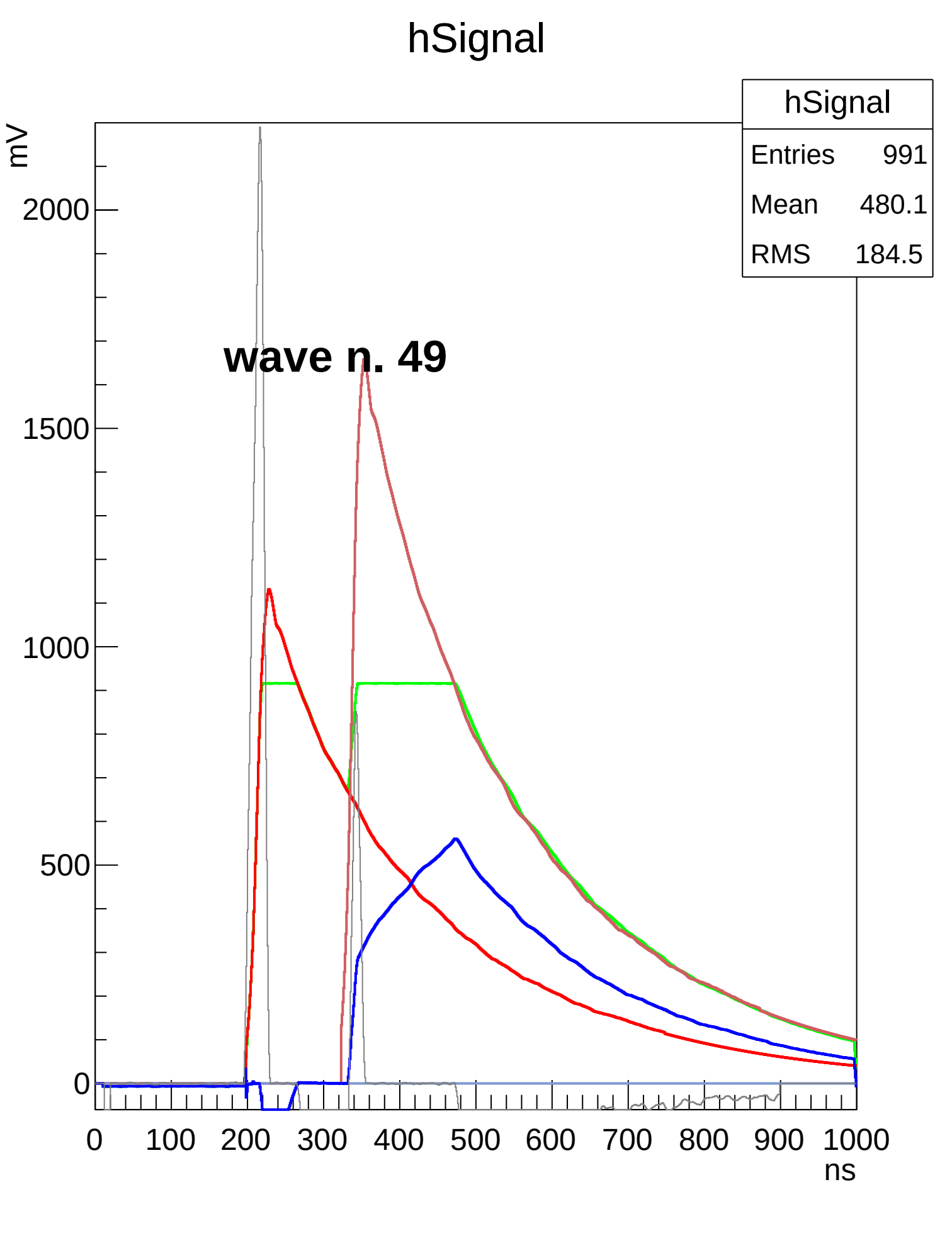
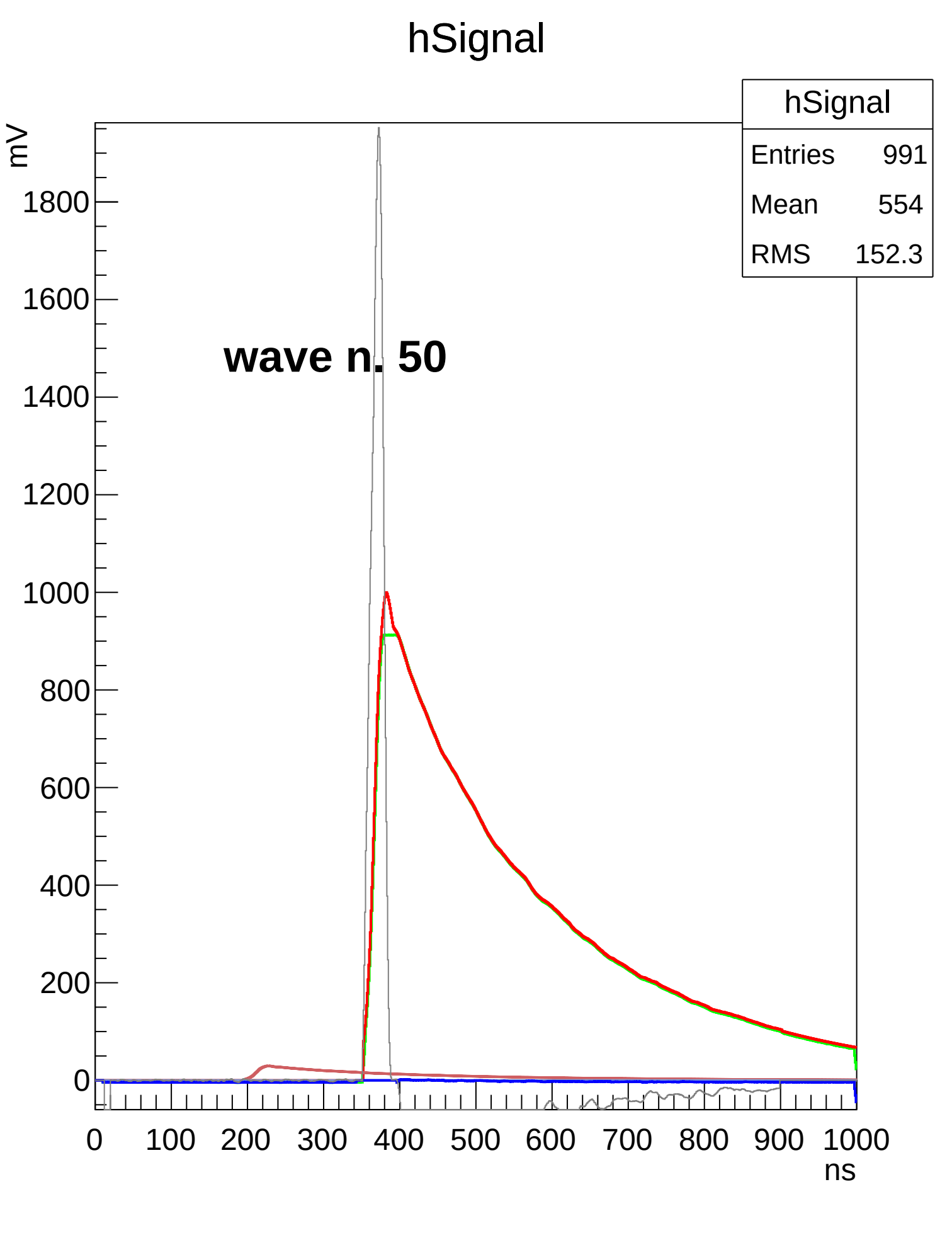
700
800
900
1000
ns

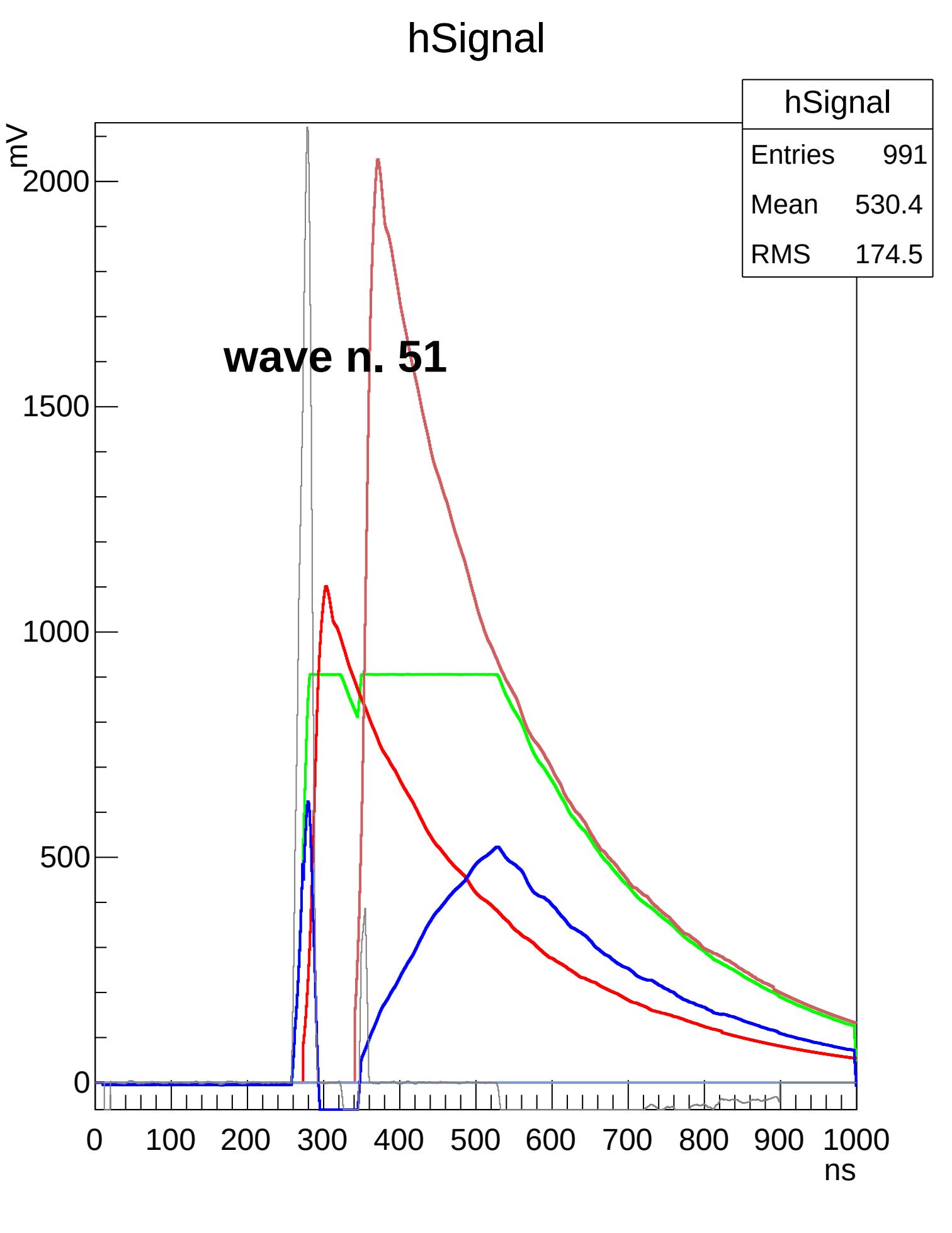

hSignal
hSignal
Entries 991
Mean 522.7
RMS 158.6
wave n. 46
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

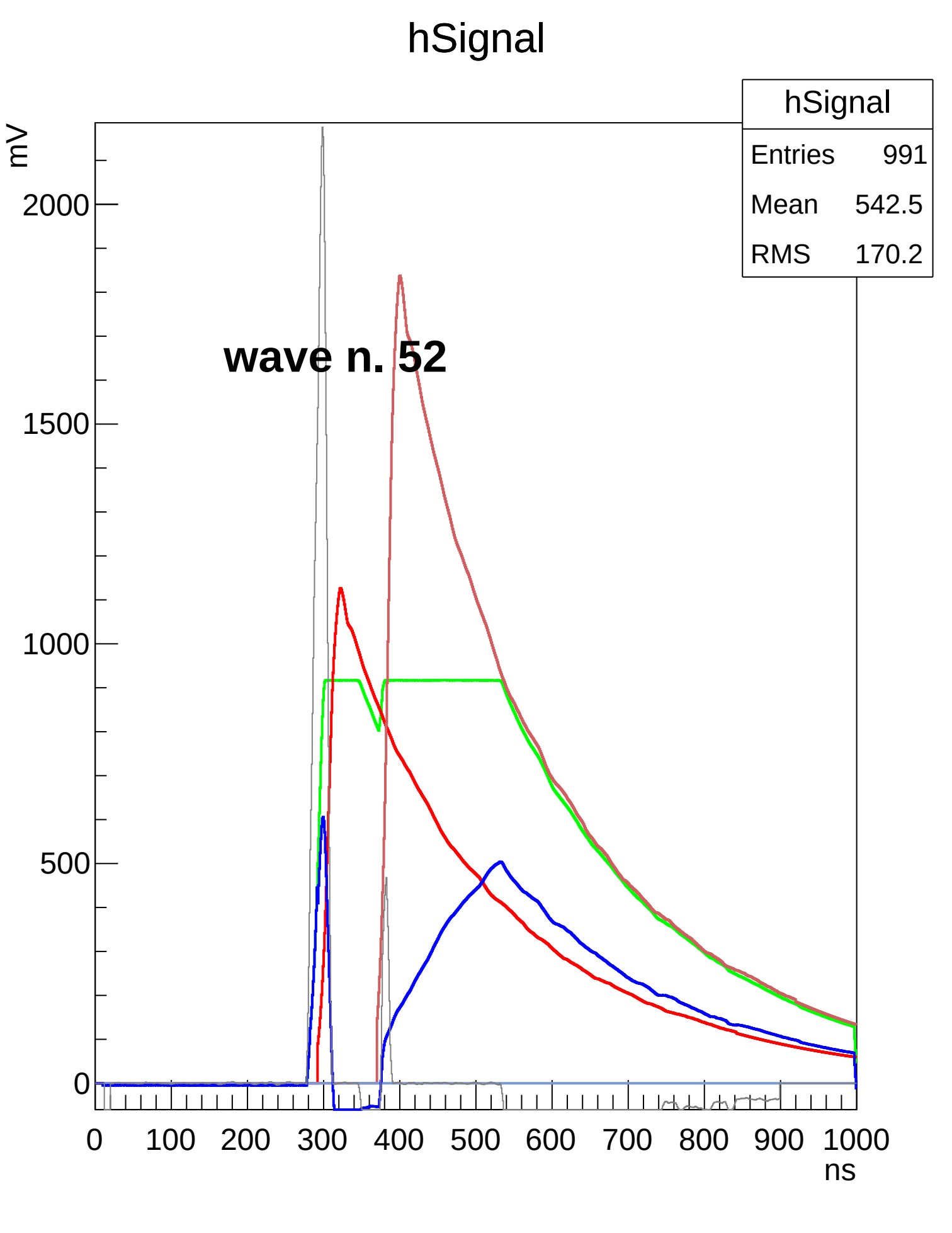

hSignal
hSignal
Entries 991
Mean 480.9
RMS 181.5
wave n. 47
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

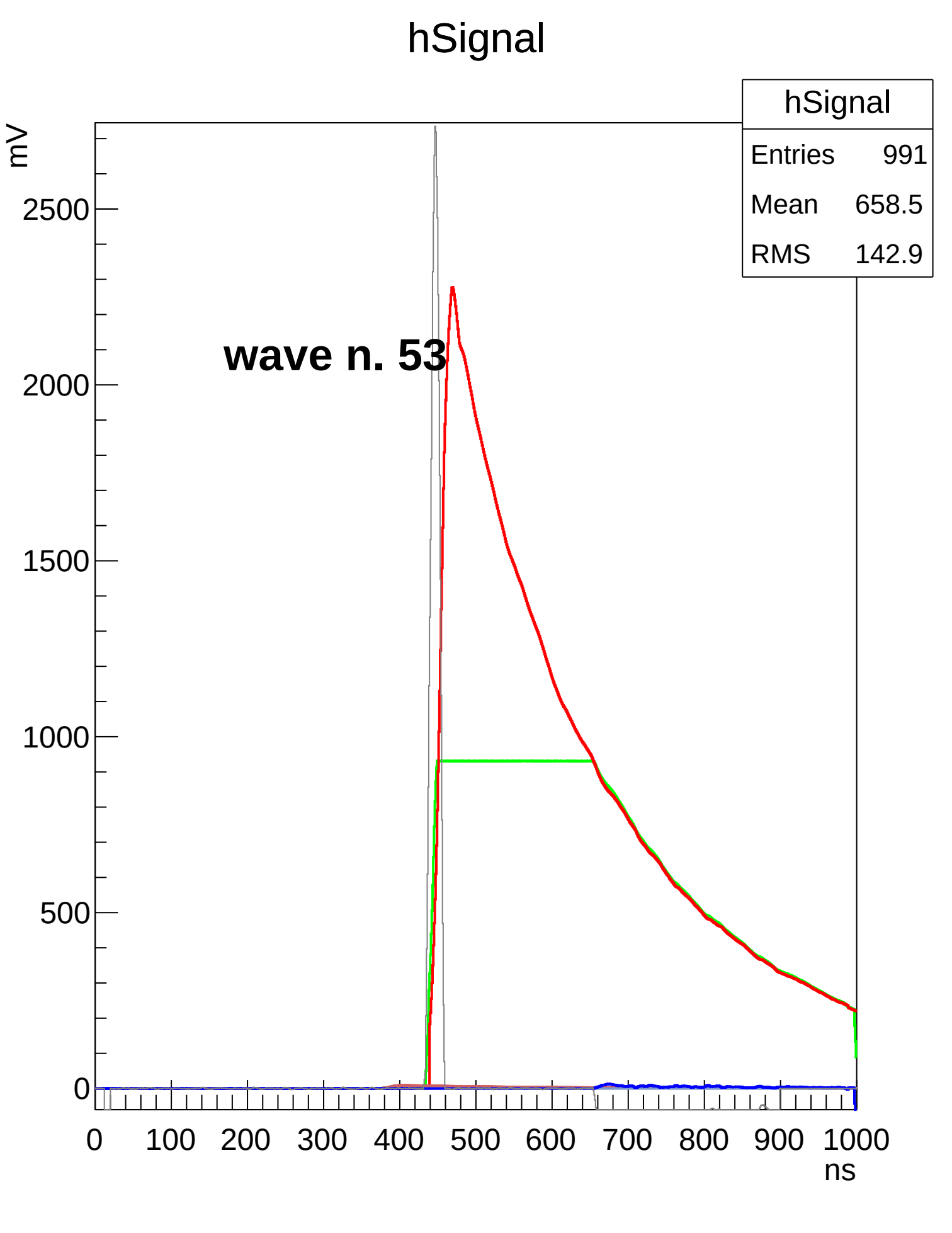

hSignal
hSignal
Entries 991
Mean 598.2
RMS 143.9
wave n. 48
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

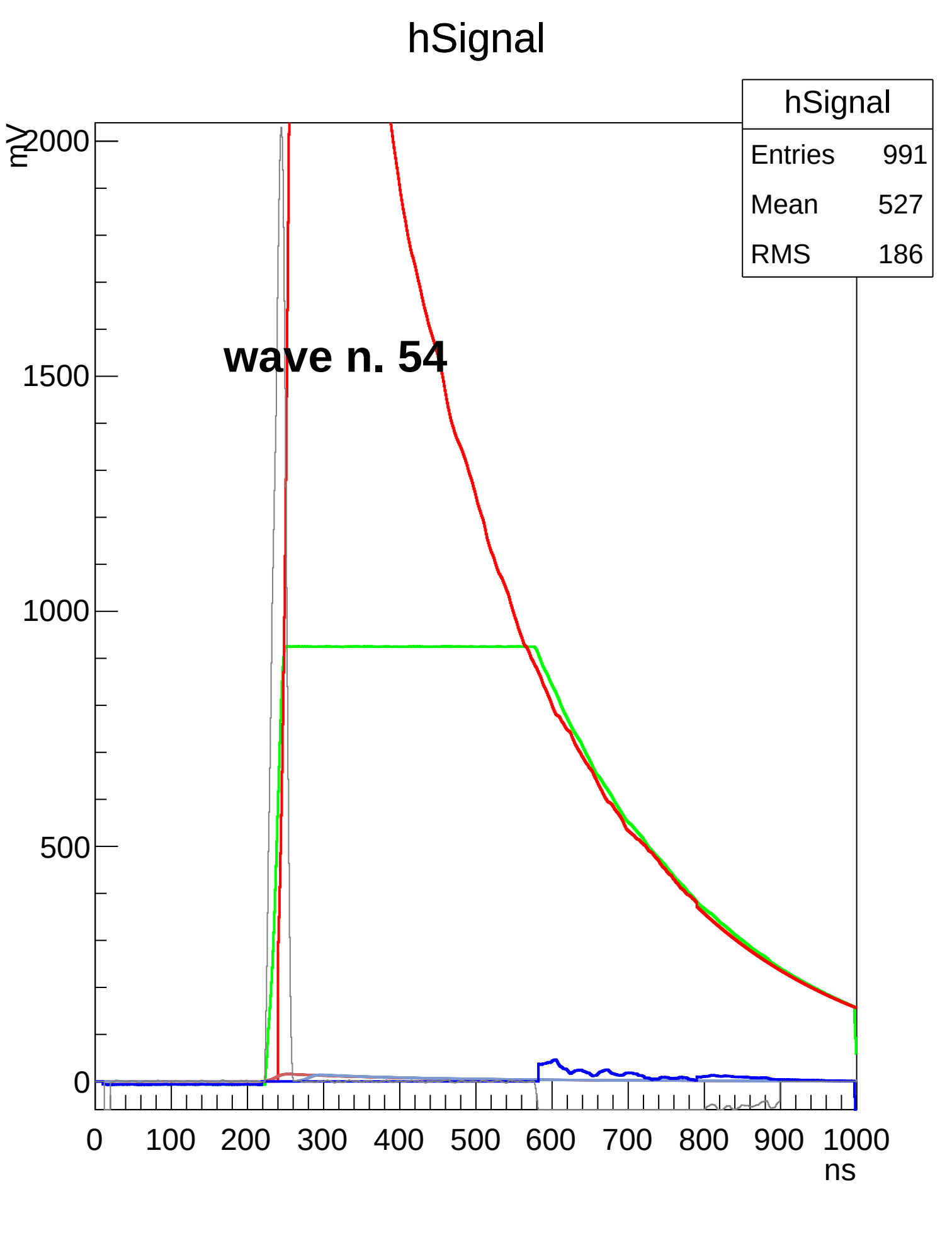

hSignal
hSignal
Entries 991
Mean 480.1
RMS 184.5
wave n. 49
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

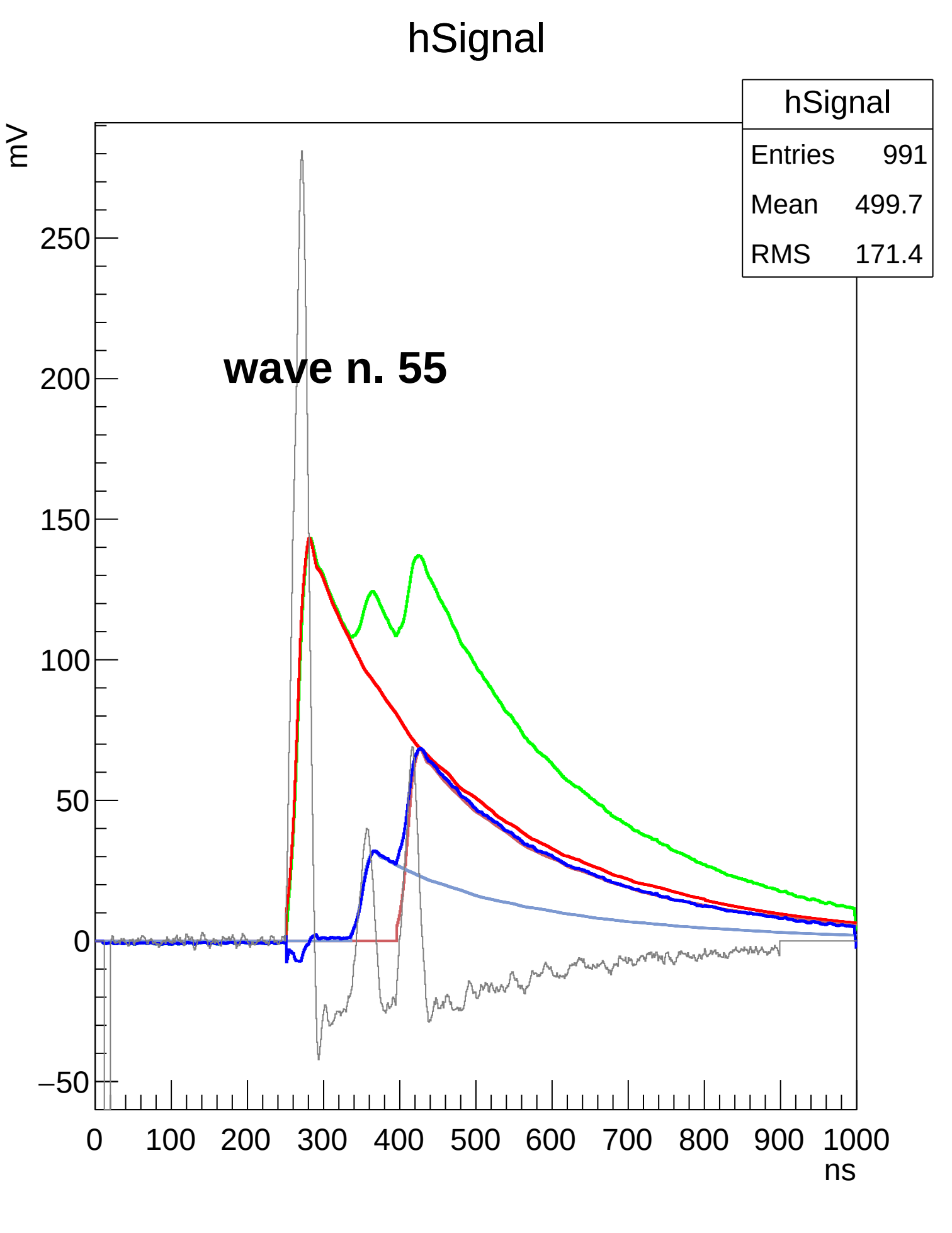

hSignal
hSignal
Entries 991
Mean 554
RMS 152.3
wave n. 50
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

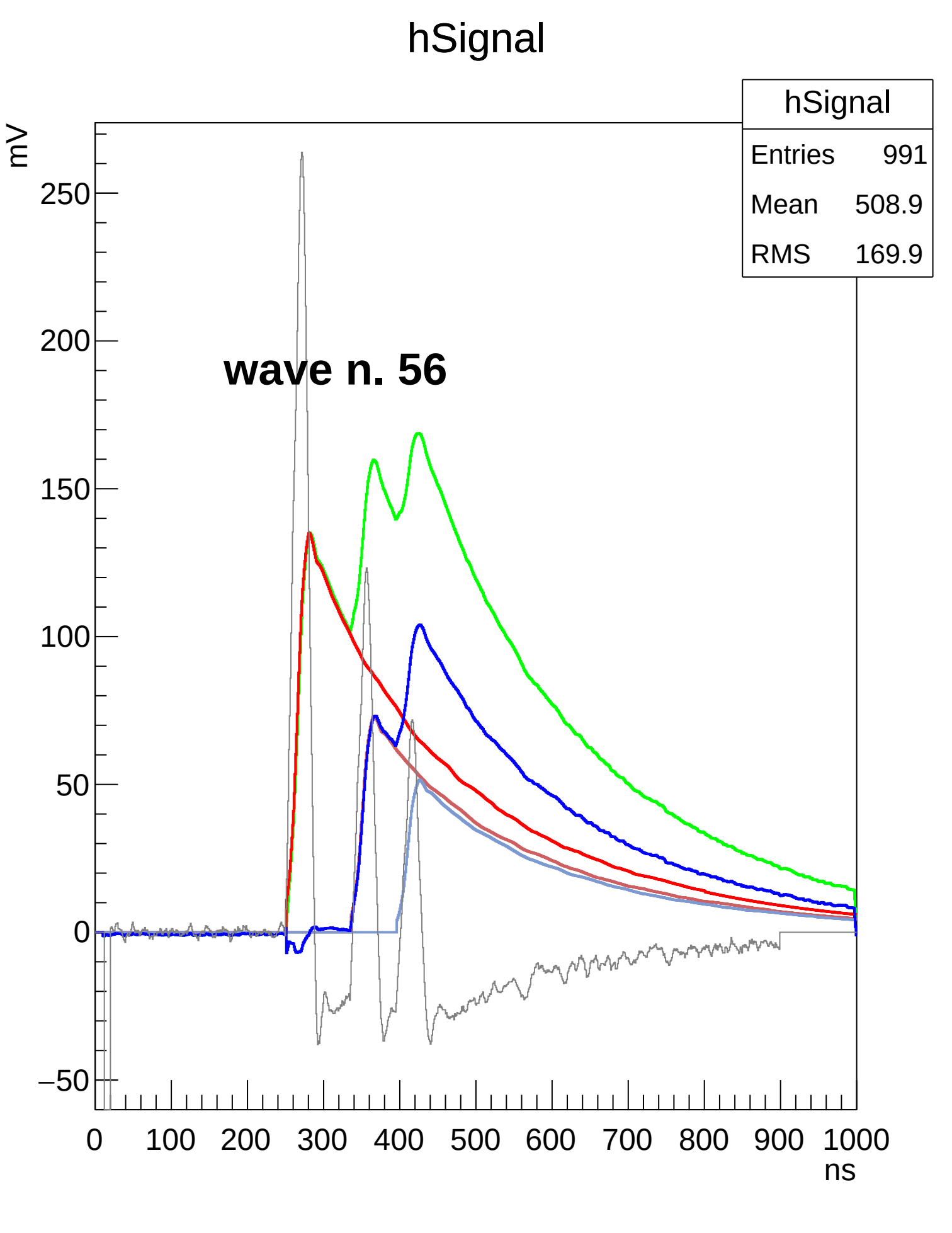

hSignal
hSignal
Entries 991
Mean 530.4
RMS 174.5
wave n. 51
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

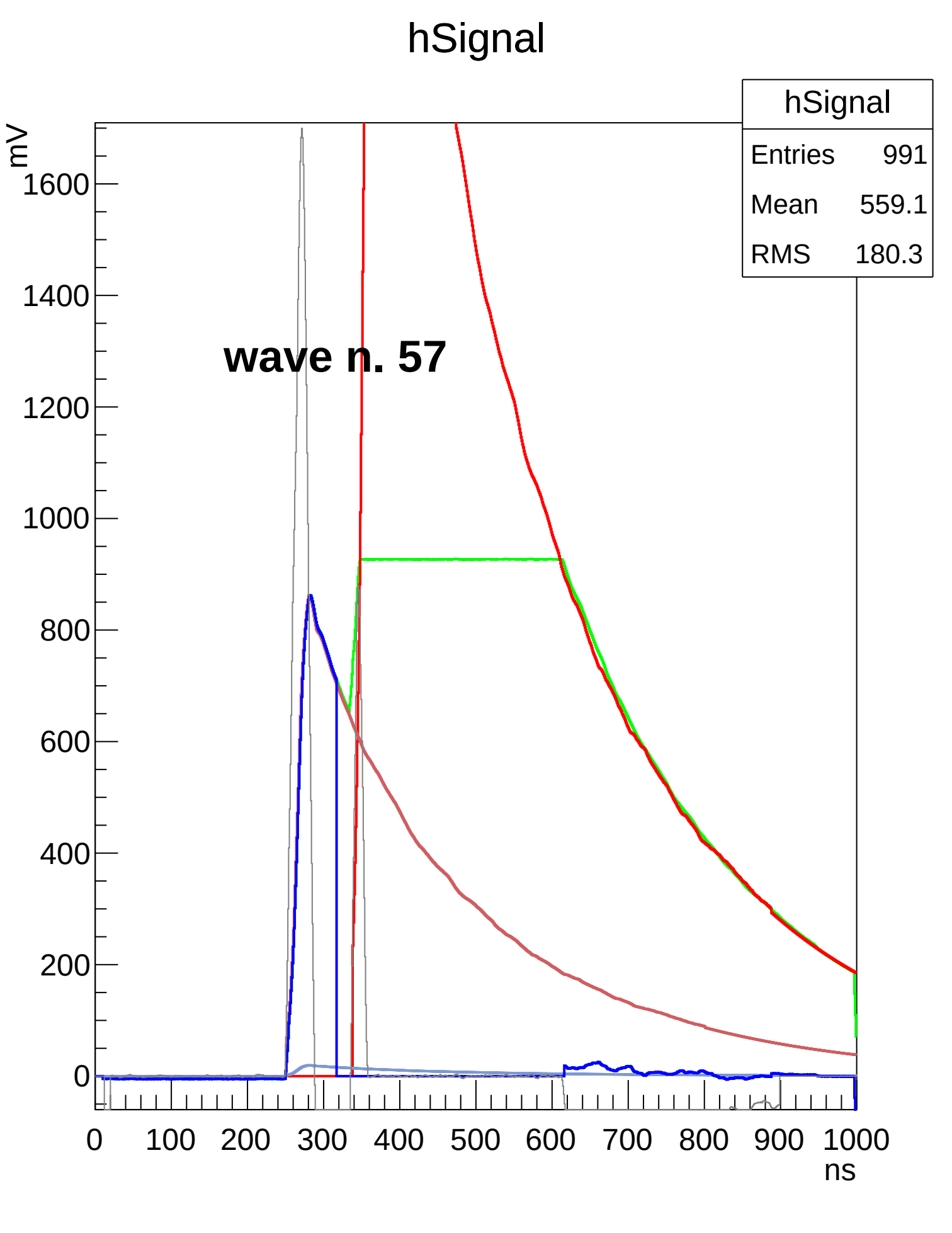

hSignal
hSignal
Entries 991
Mean 542.5
RMS 170.2
wave n. 52
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

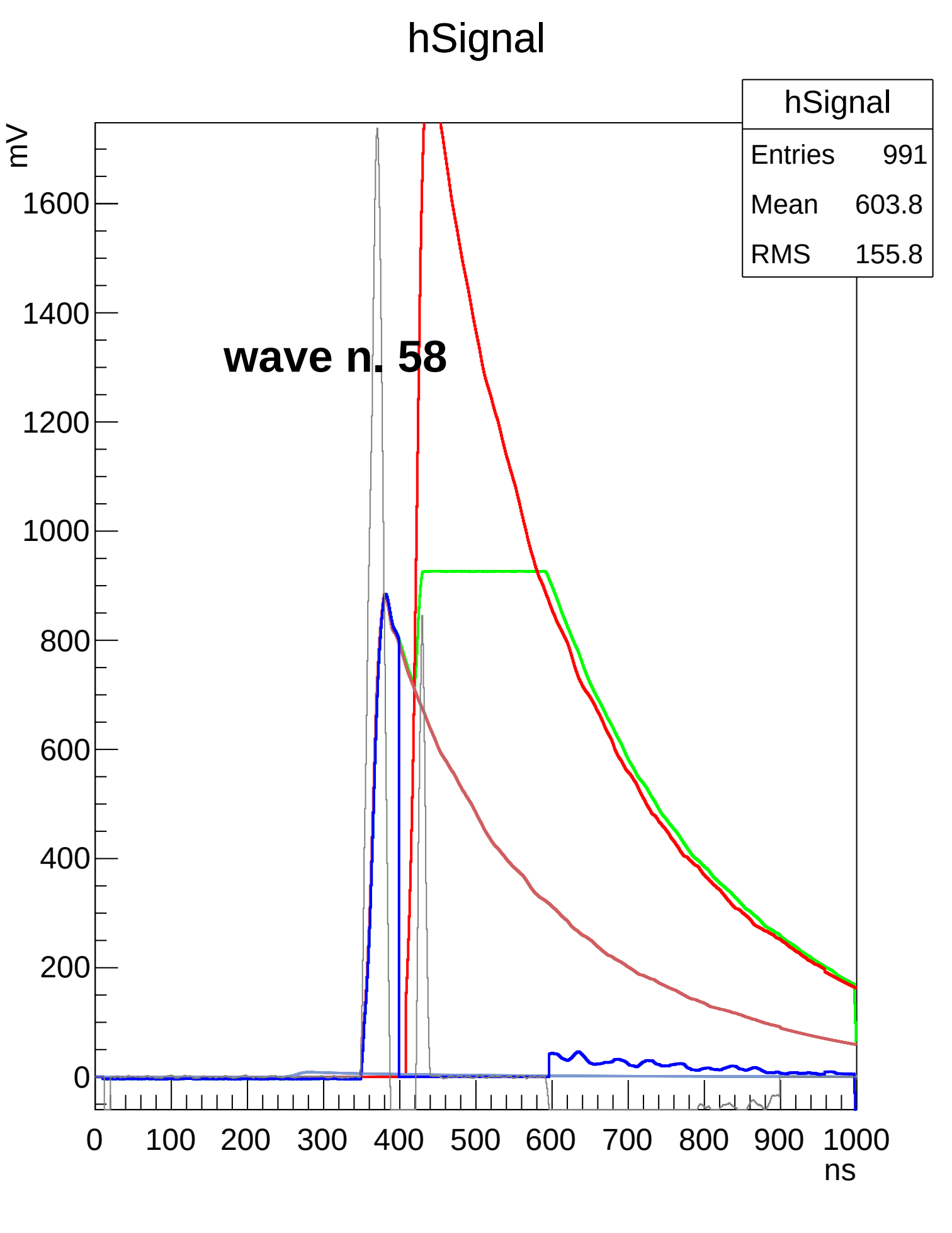

hSignal
hSignal
Entries 991
Mean 658.5
RMS 142.9
wave n. 53
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

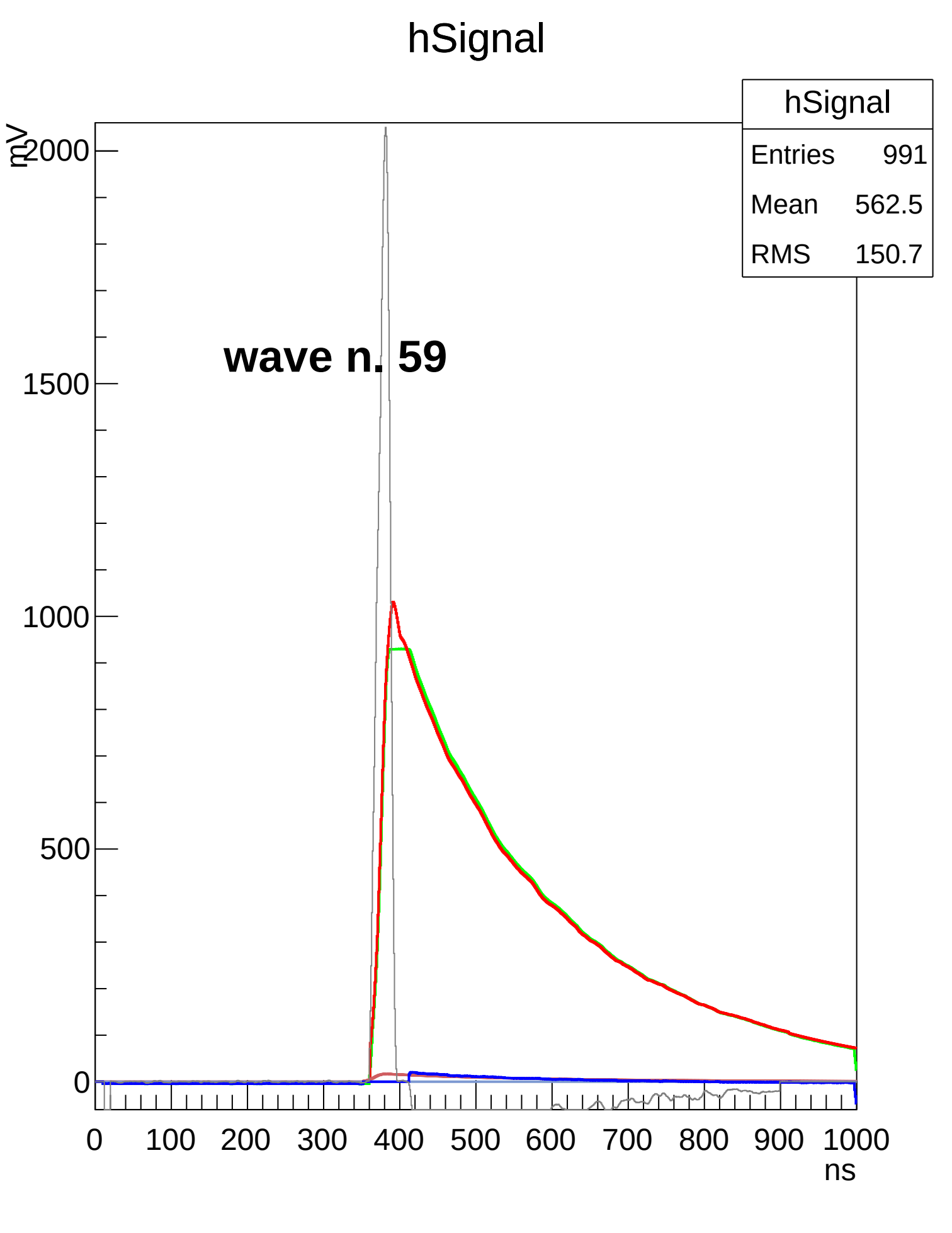

hSignal
hSignal
Entries 991
Mean 527
RMS 186
wave n. 54
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

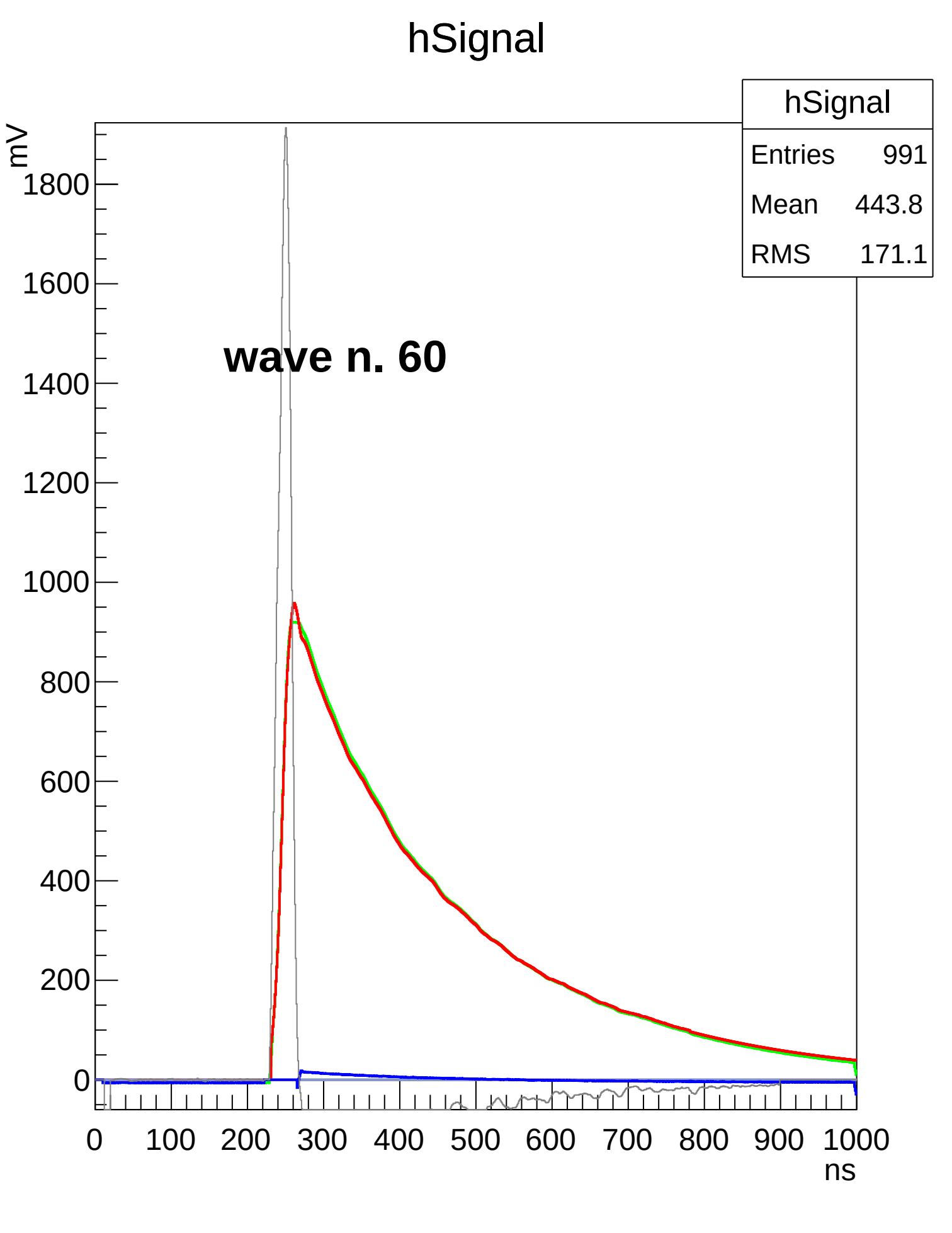

hSignal
hSignal
Entries 991
Mean 499.7
RMS 171.4
wave n. 55
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 508.9
RMS 169.9
wave n. 56
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 559.1
RMS 180.3
wave n. 57
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 603.8
RMS 155.8
wave n. 58
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 562.5
RMS 150.7
wave n. 59
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 443.8
RMS 171.1
wave n. 60
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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800
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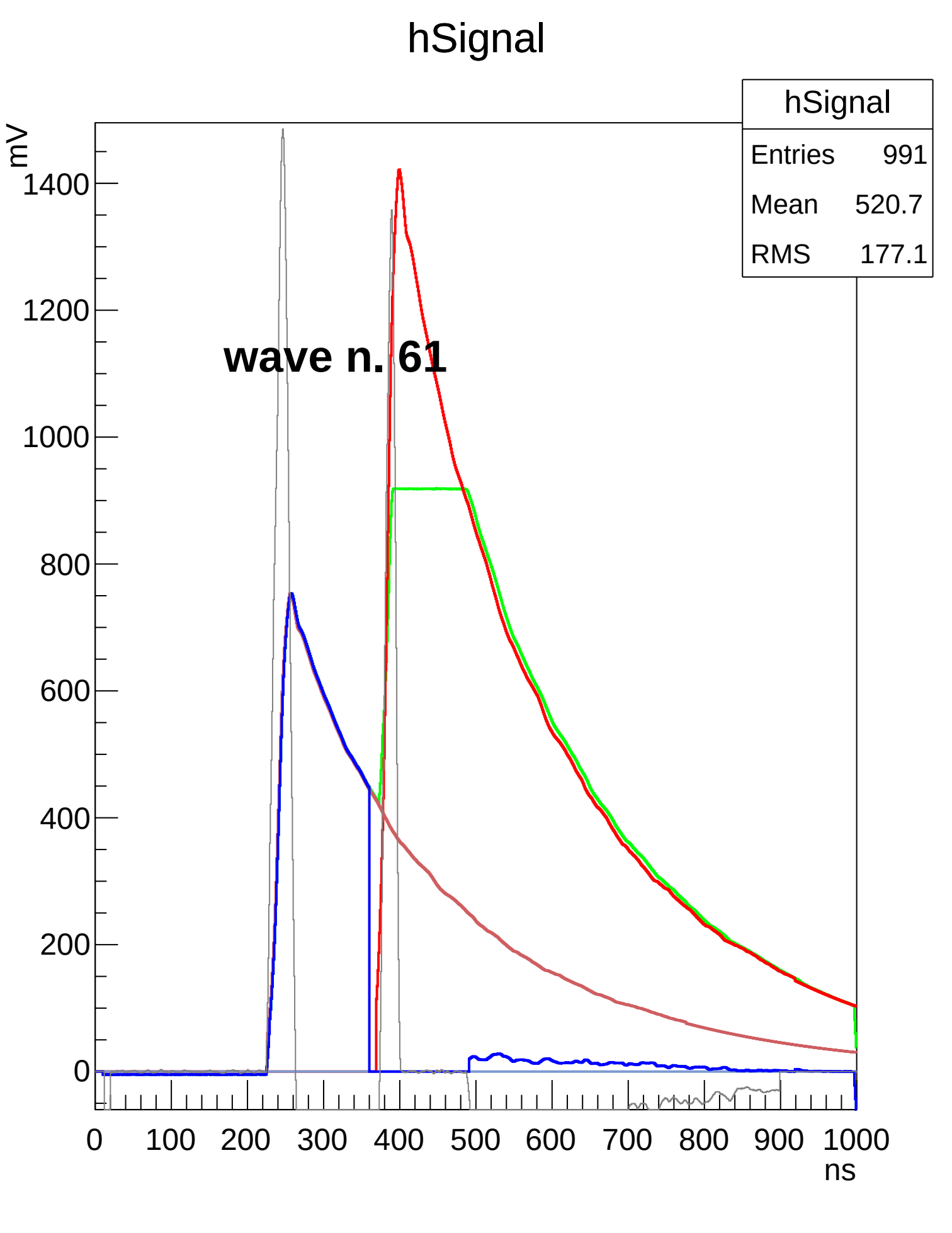
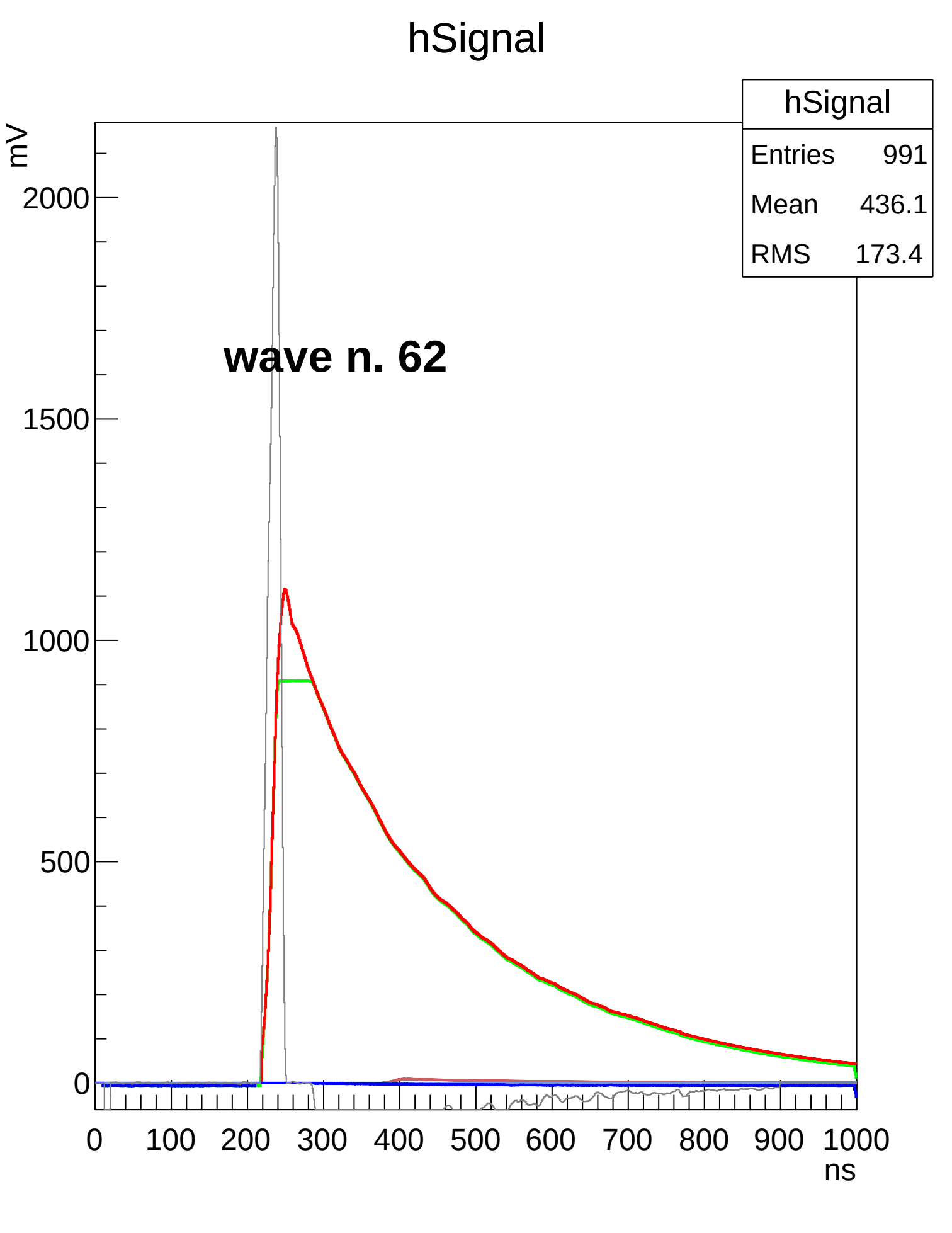
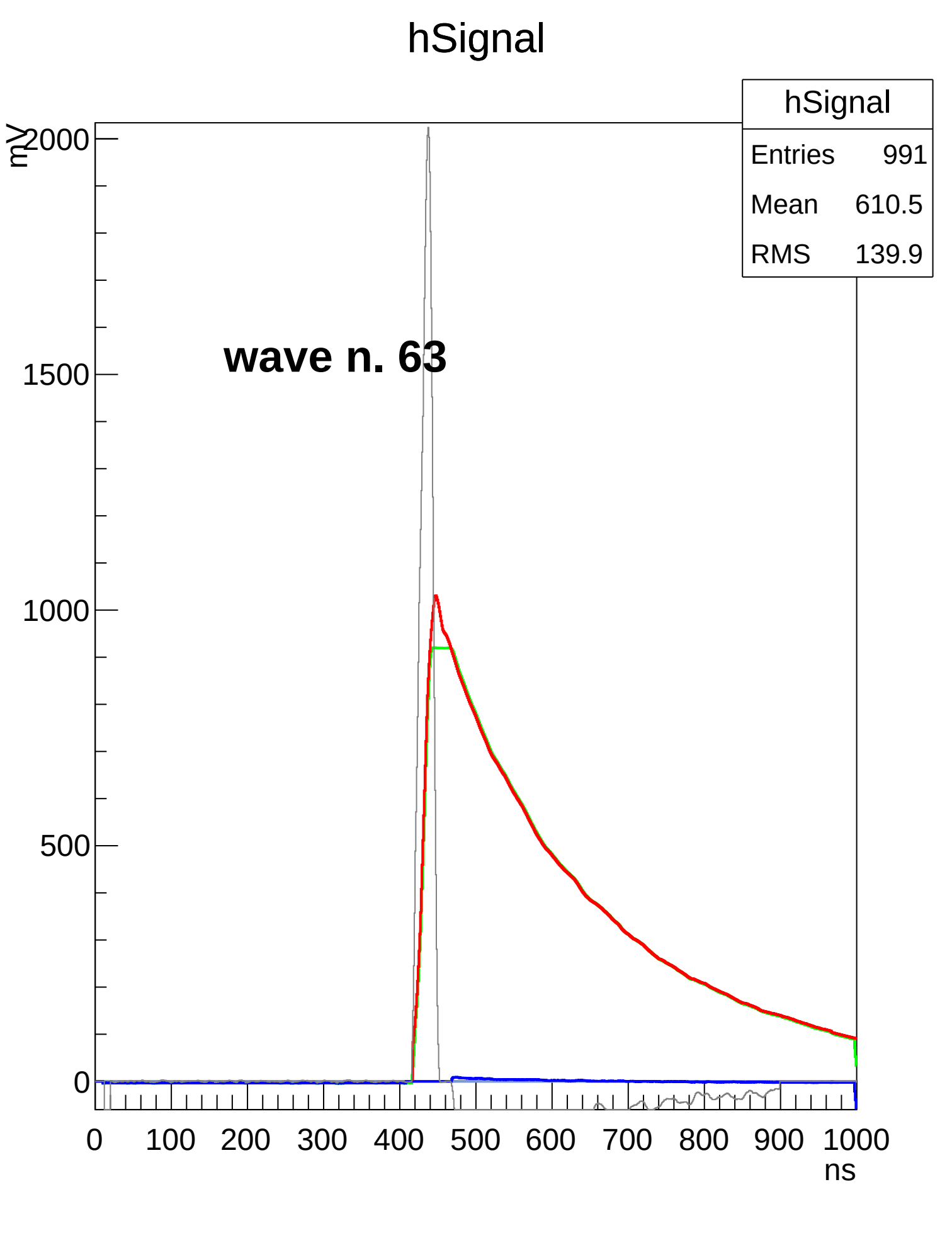
1000
ns


hSignal
hSignal
Entries 991
Mean 520.7
RMS 177.1
wave n. 61
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 436.1
RMS 173.4
wave n. 62
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 610.5
RMS 139.9
wave n. 63
mV
2000
1500
1000
500
0
0
100
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400
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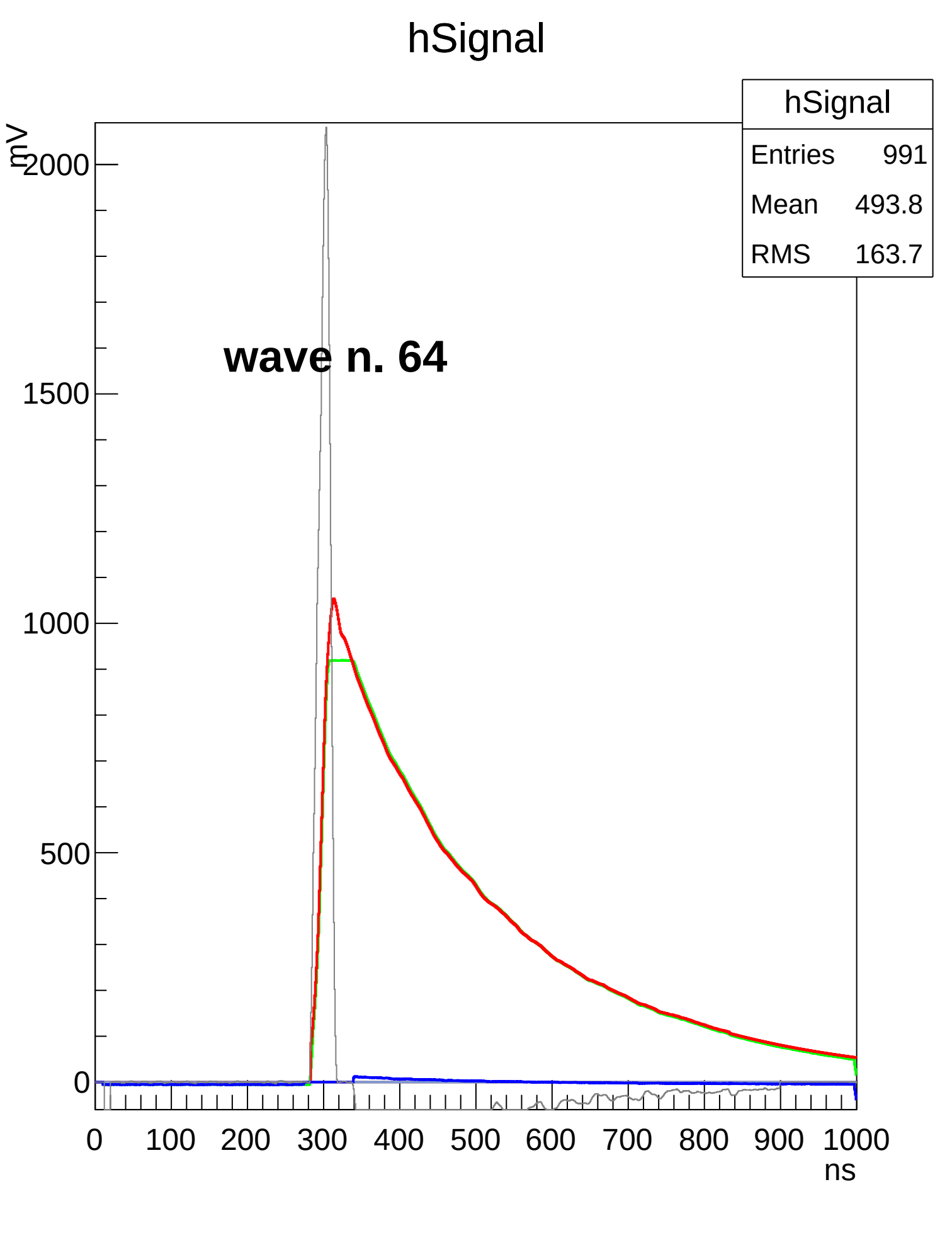
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 493.8
RMS 163.7
wave n. 64
mV
2000
1500
1000
500
0
0
100
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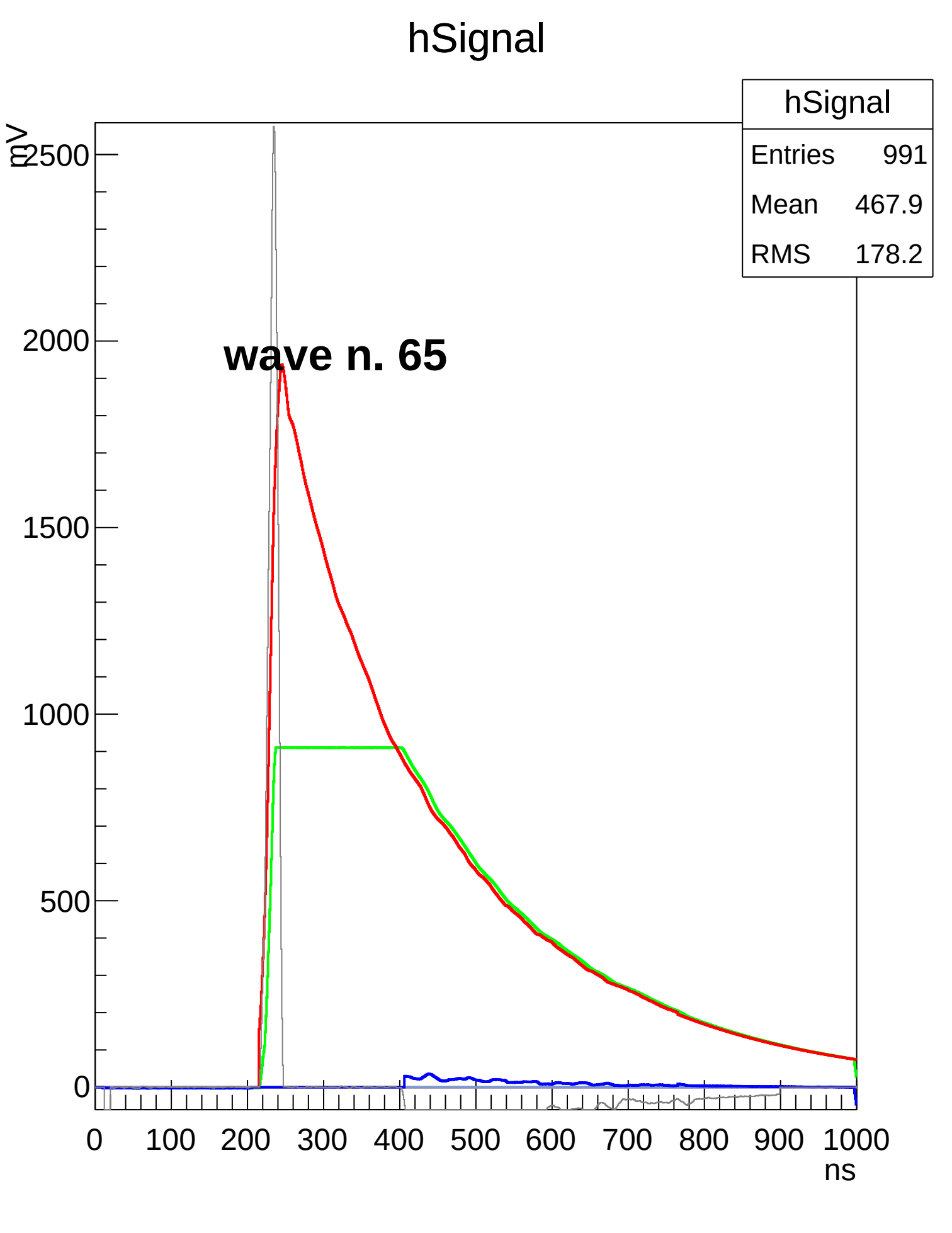
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 467.9
RMS 178.2
wave n. 65
mV
2500
2000
1500
1000
500
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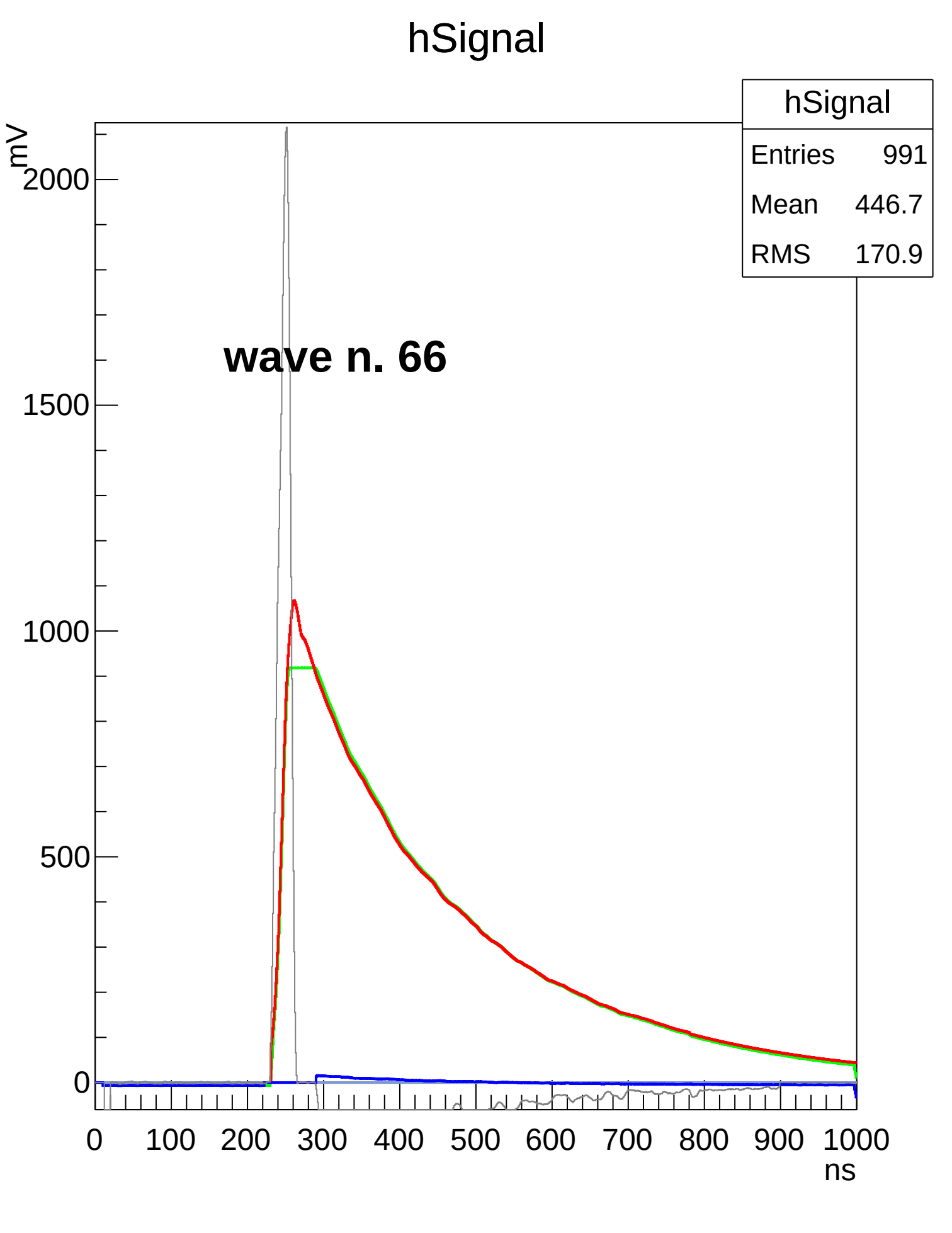
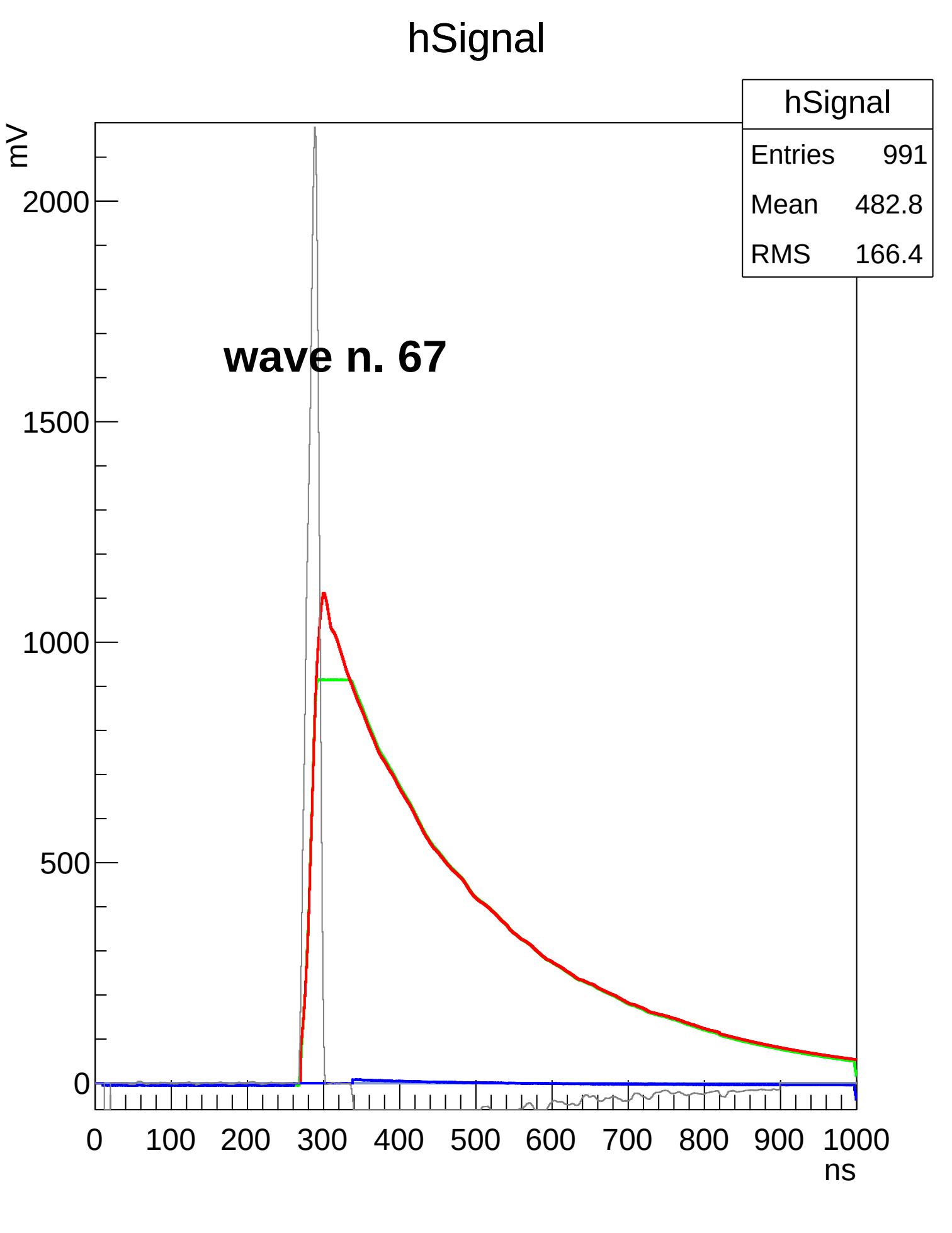
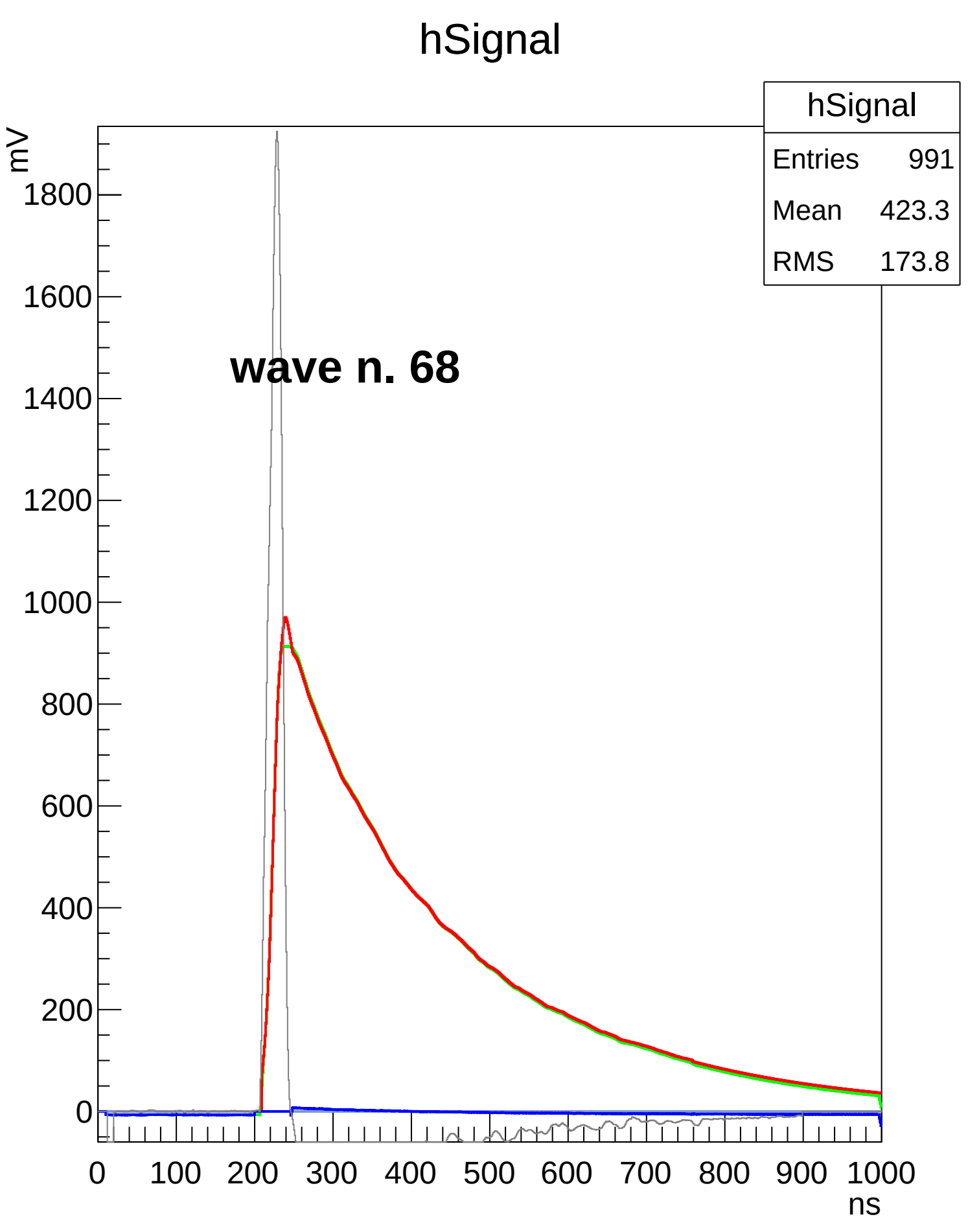
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 446.7
RMS 170.9
wave n. 66
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 482.8
RMS 166.4
wave n. 67
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 423.3
RMS 173.8
wave n. 68
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
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400
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700
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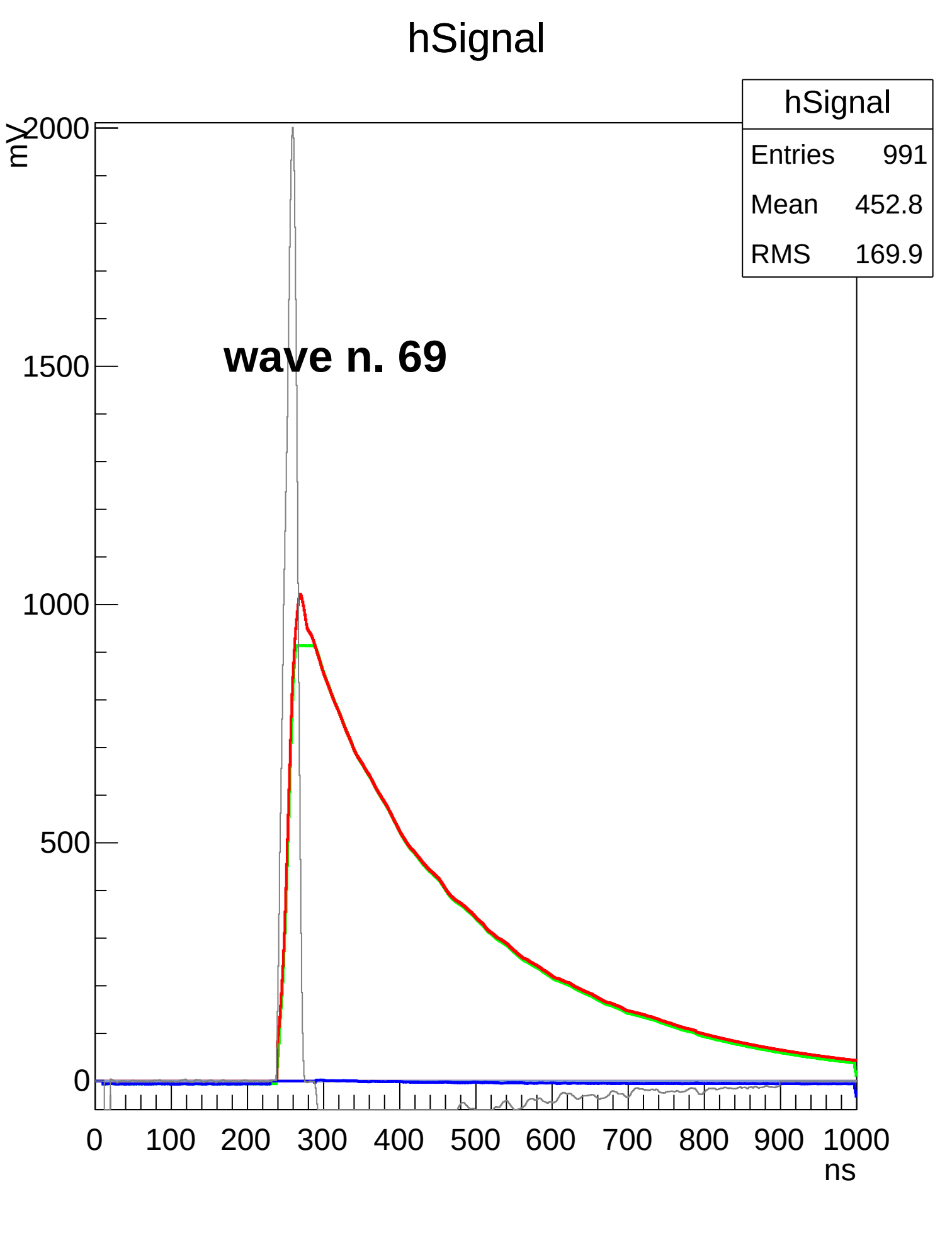
900
1000
ns


hSignal
hSignal
Entries 991
Mean 452.8
RMS 169.9
wave n. 69
mV
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1500
1000
500
0
0
100
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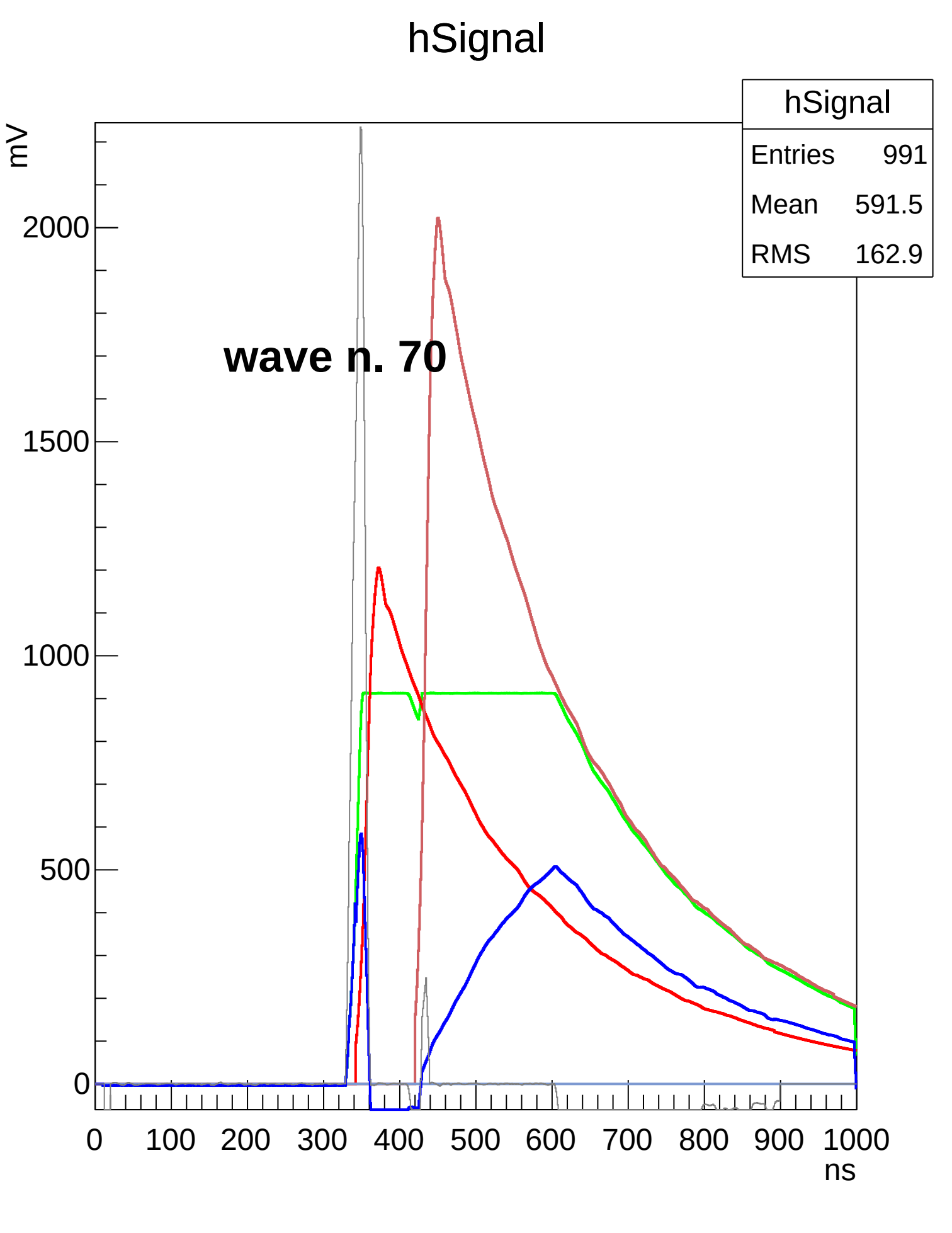
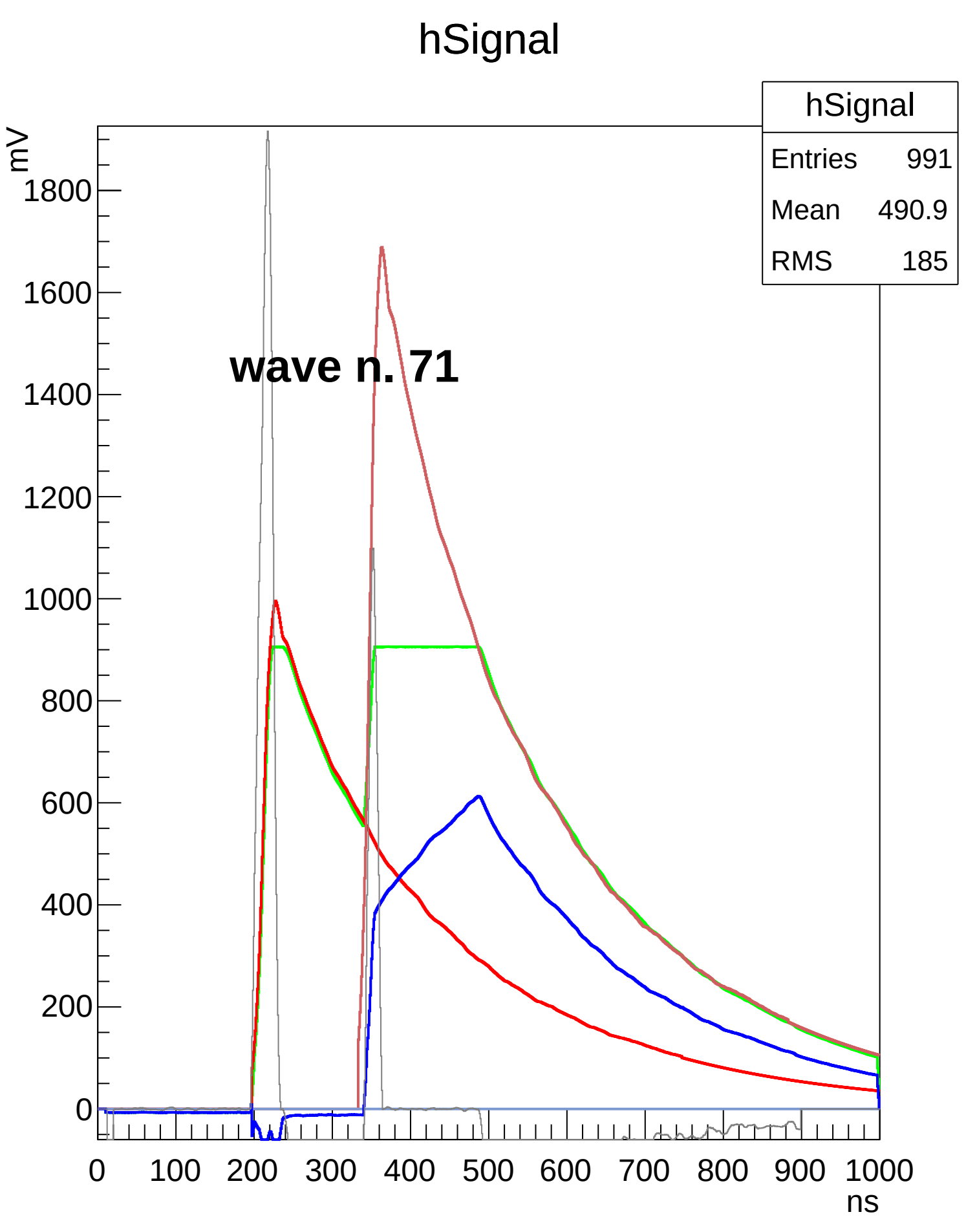
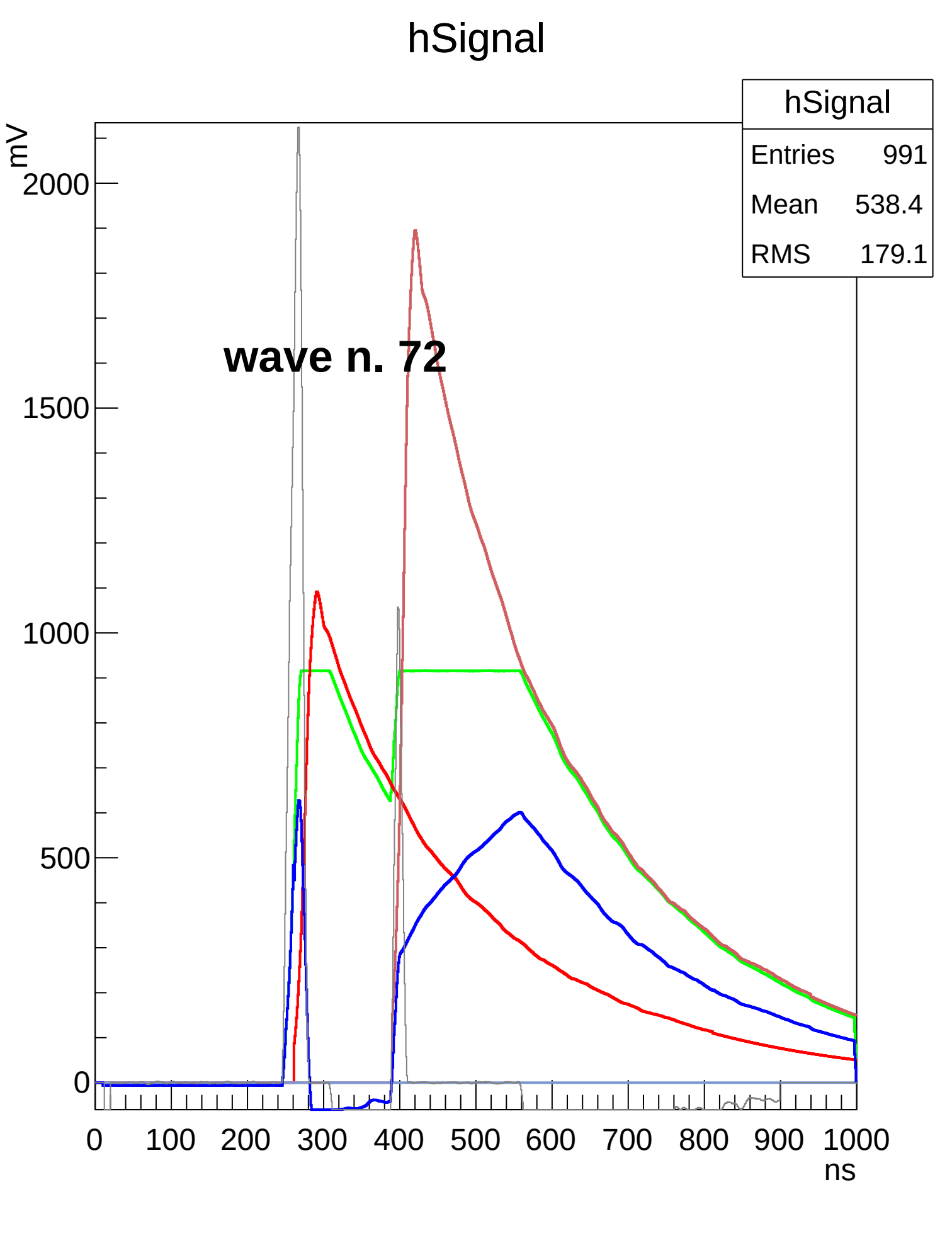
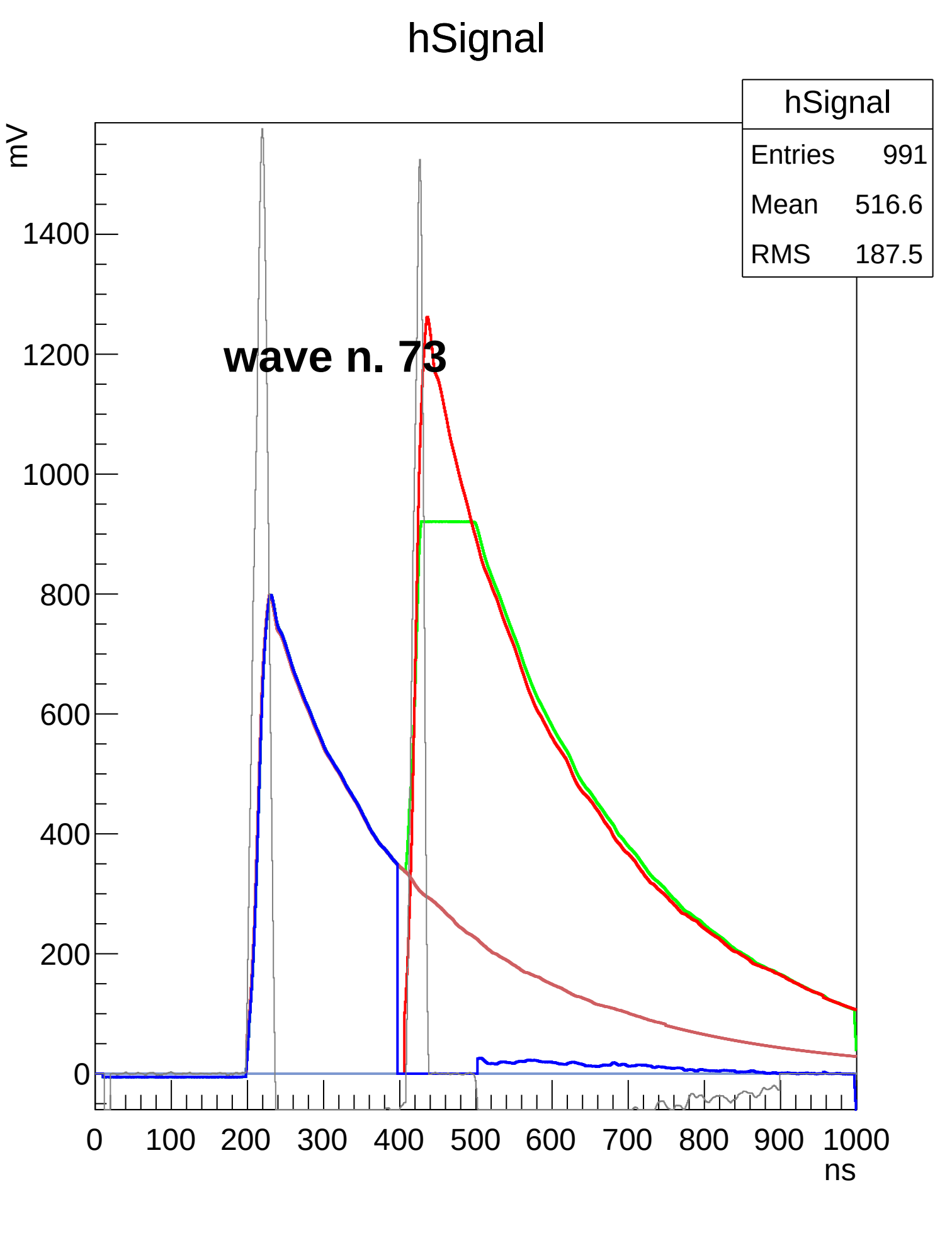
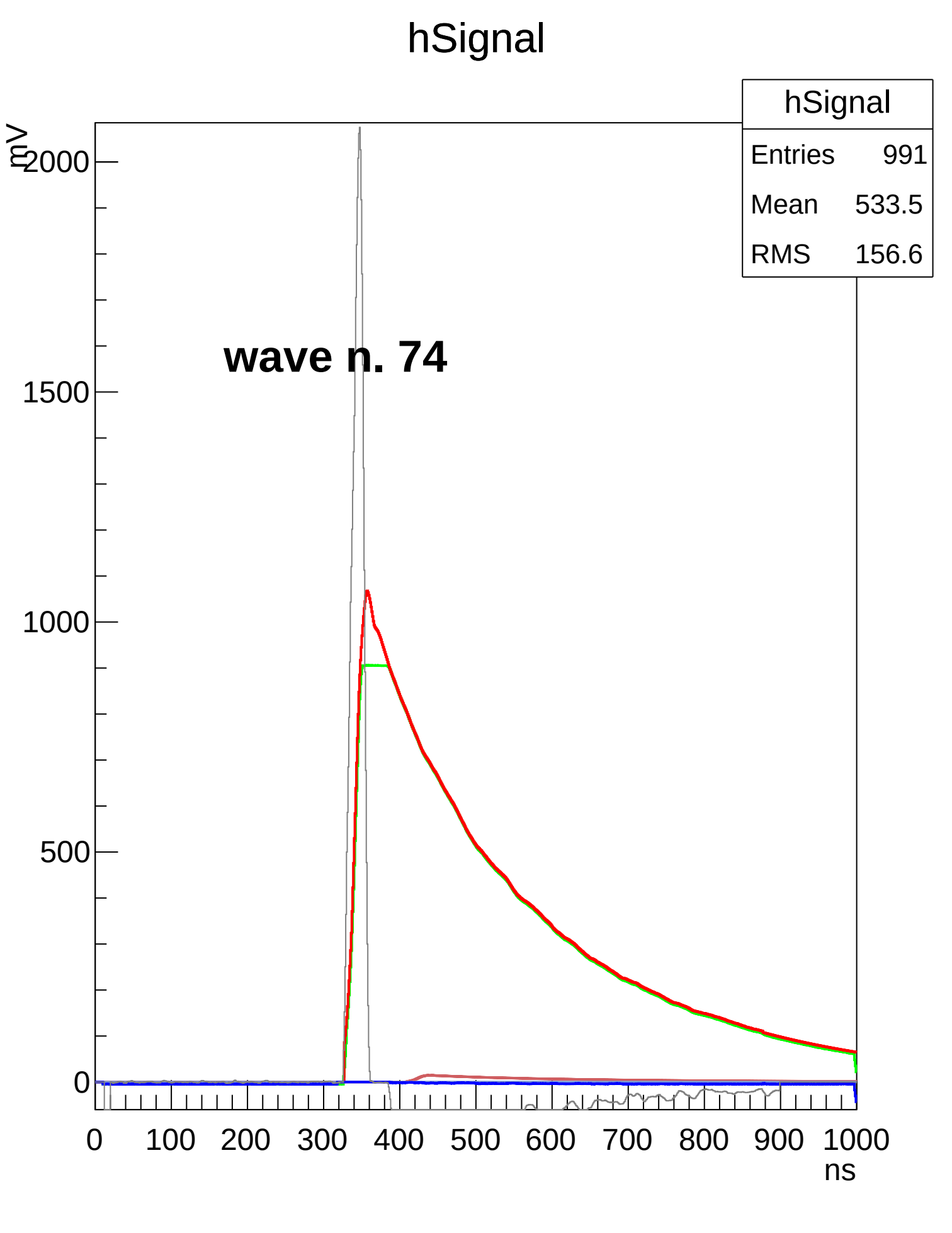
700
800
900
1000
ns

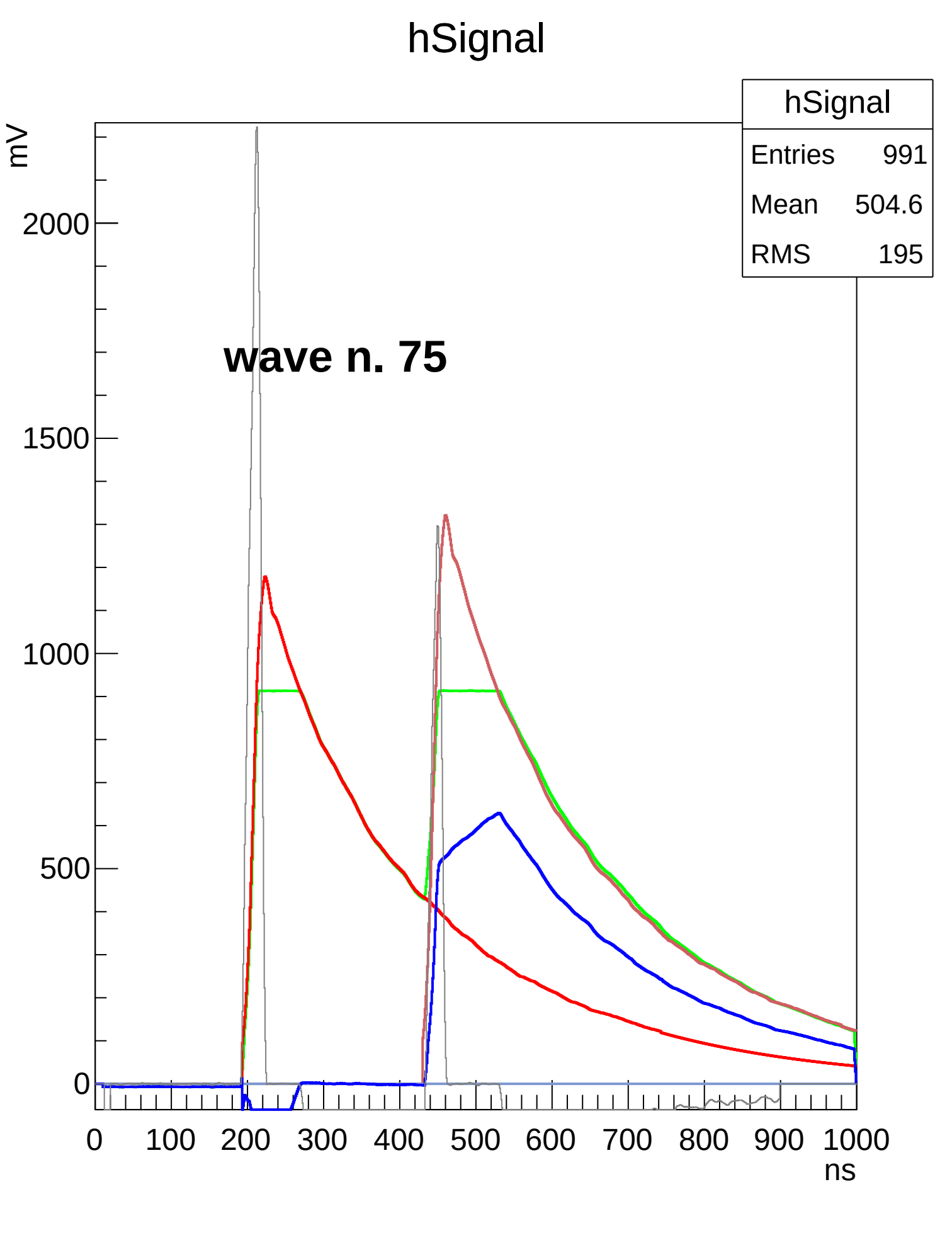

hSignal
hSignal
Entries 991
Mean 591.5
RMS 162.9
wave n. 70
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 490.9
RMS 185
wave n. 71
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 538.4
RMS 179.1
wave n. 72
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 516.6
RMS 187.5
wave n. 73
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 533.5
RMS 156.6
wave n. 74
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.6
RMS 195
wave n. 75
mV
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1500
1000
500
0
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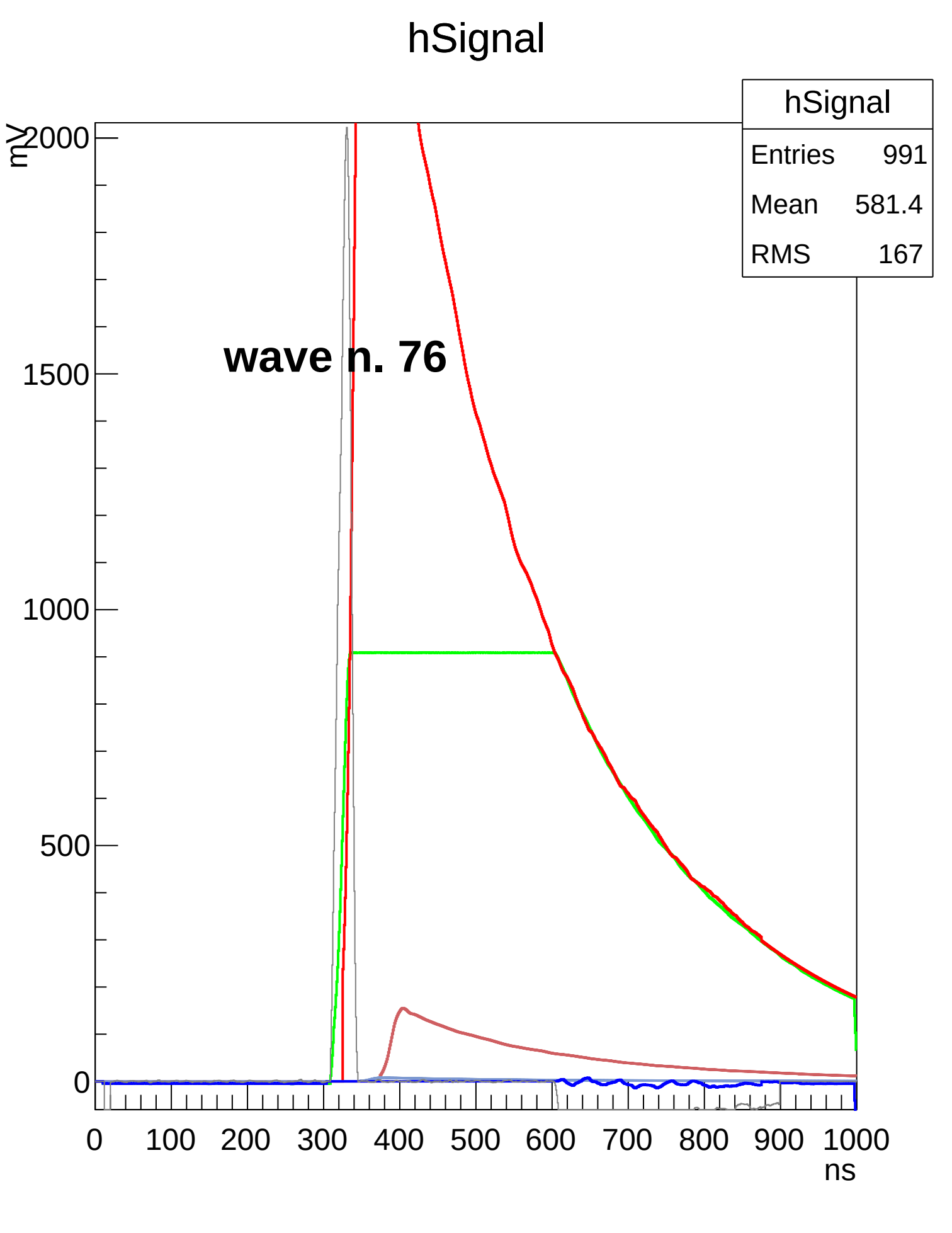
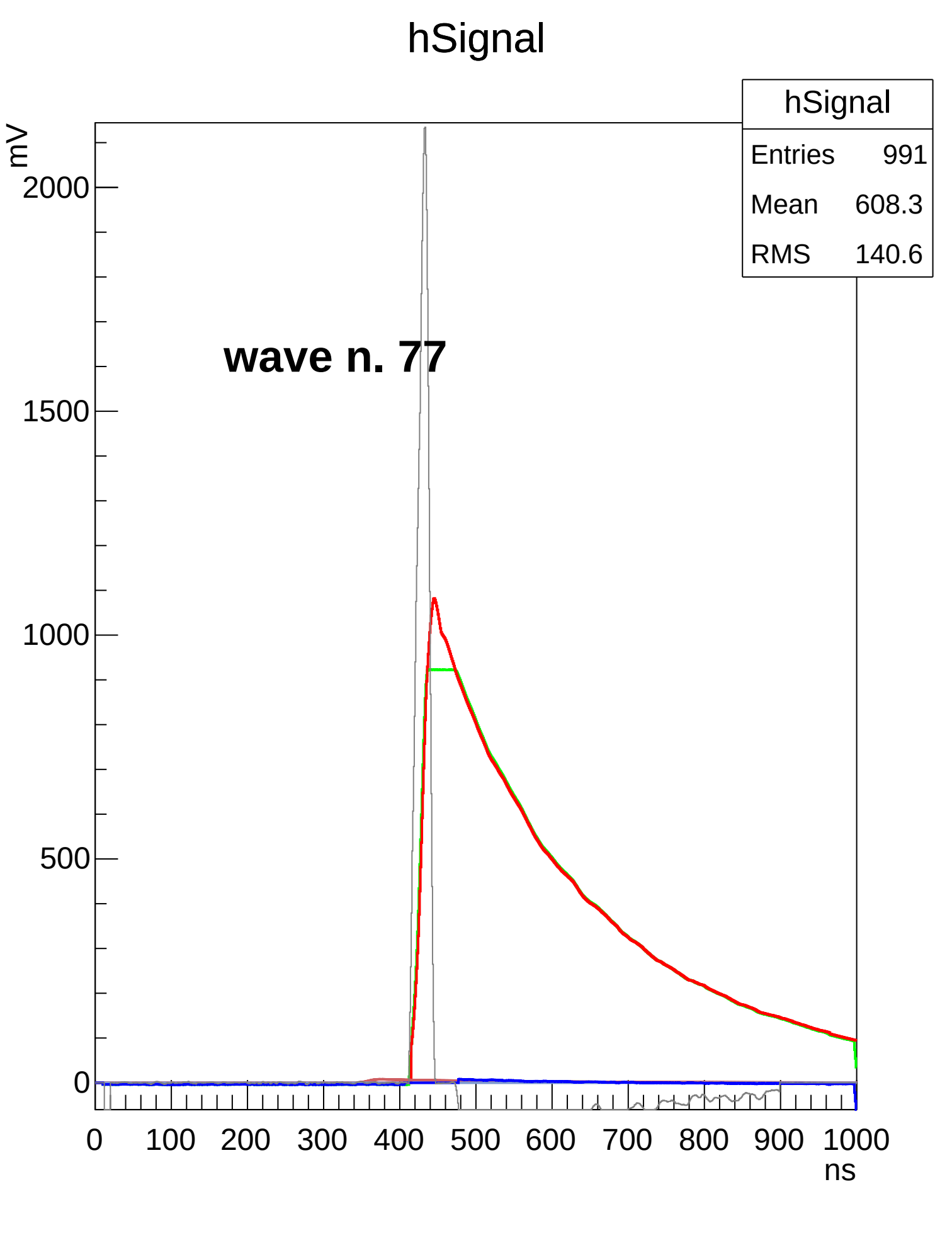
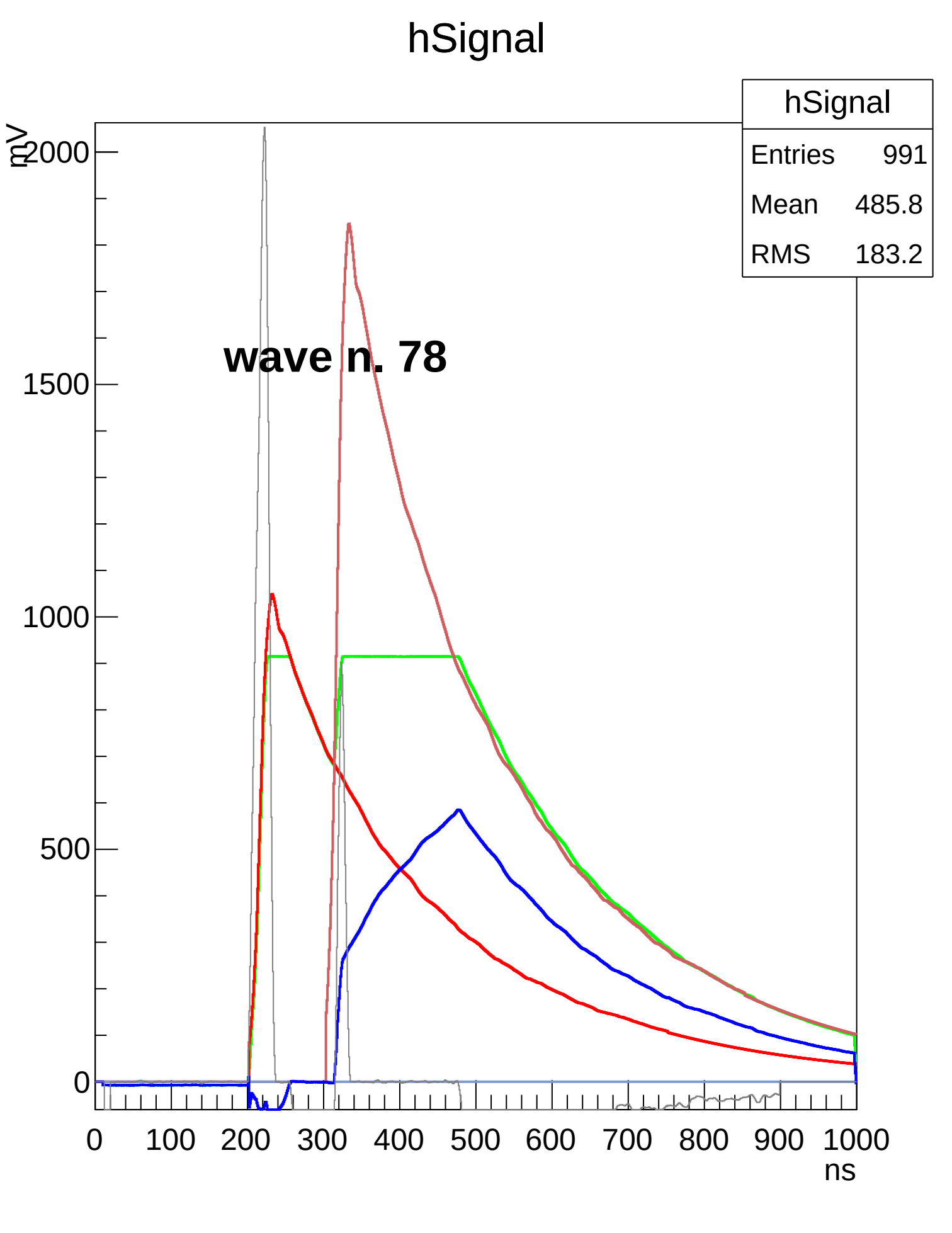
ns


hSignal
hSignal
Entries 991
Mean 581.4
RMS 167
wave n. 76
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 608.3
RMS 140.6
wave n. 77
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485.8
RMS 183.2
wave n. 78
mV
2000
1500
1000
500
0
0
100
200
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400
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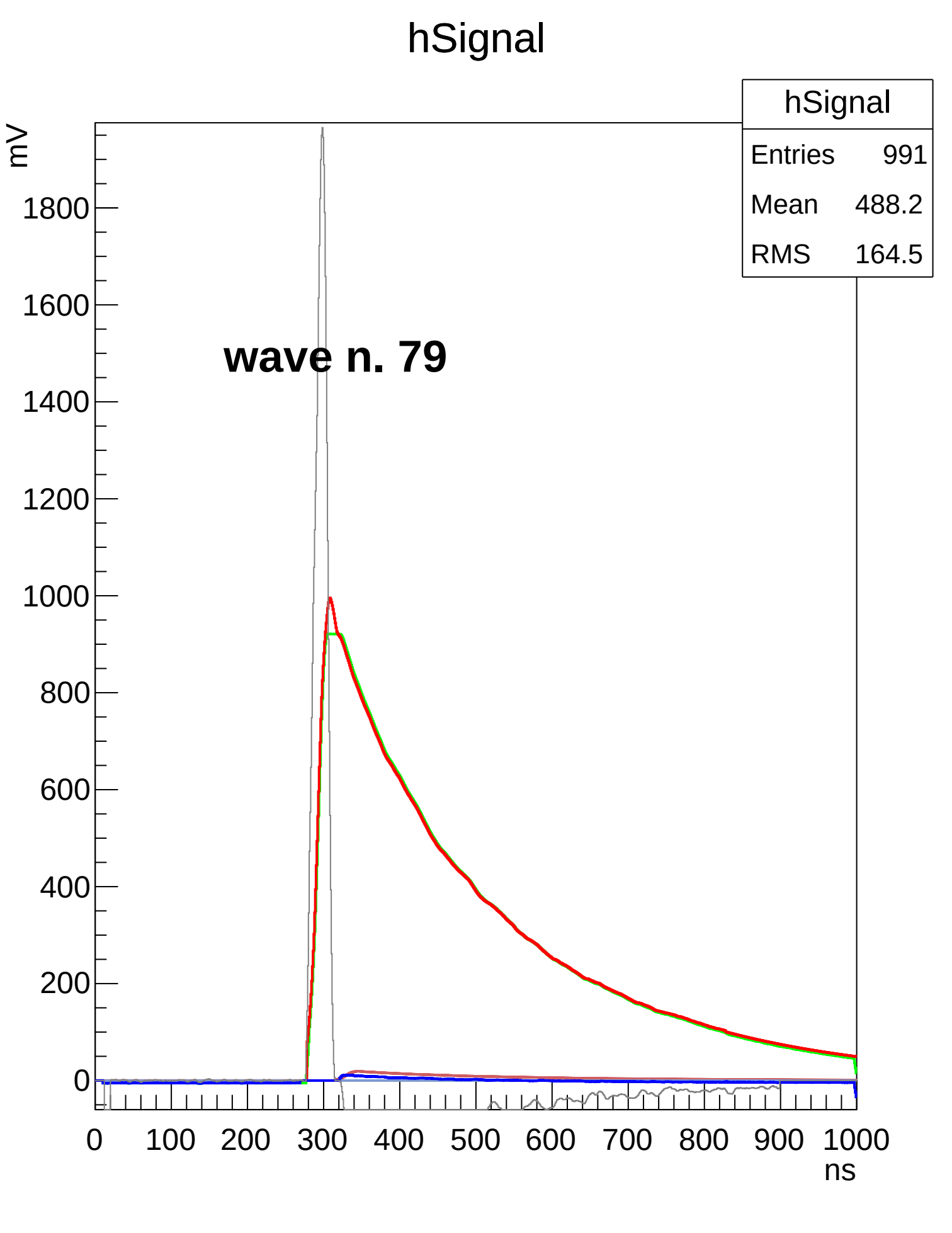
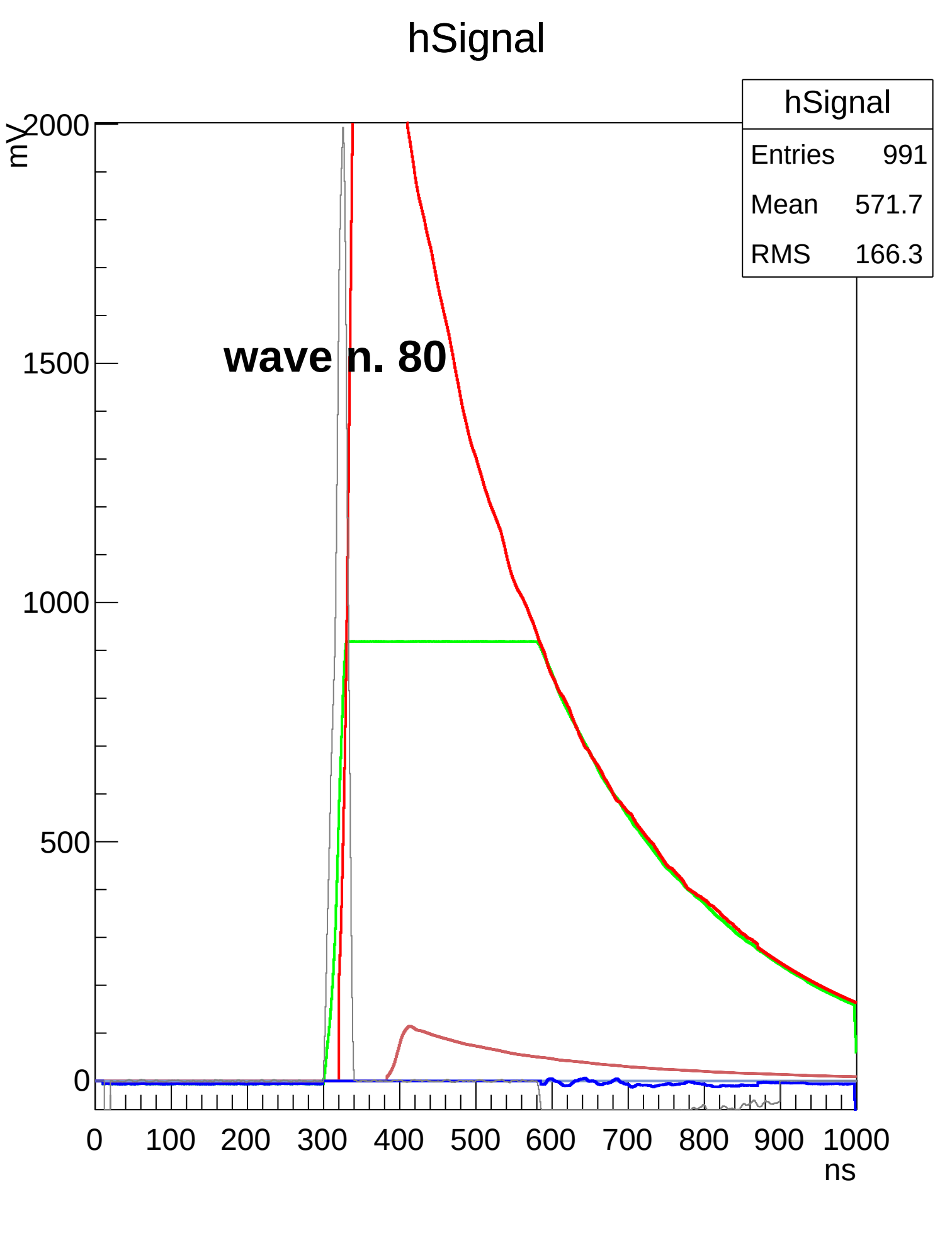
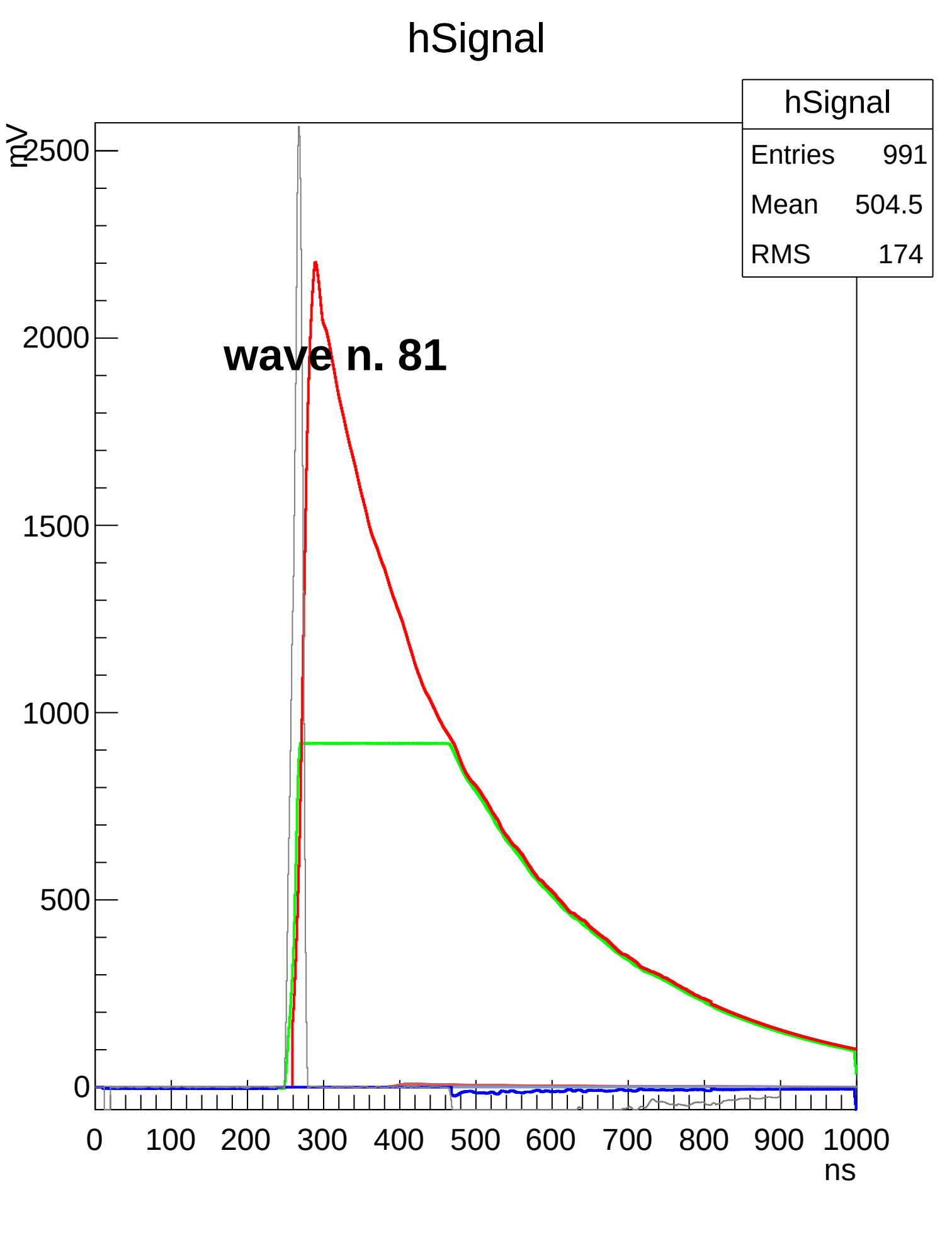
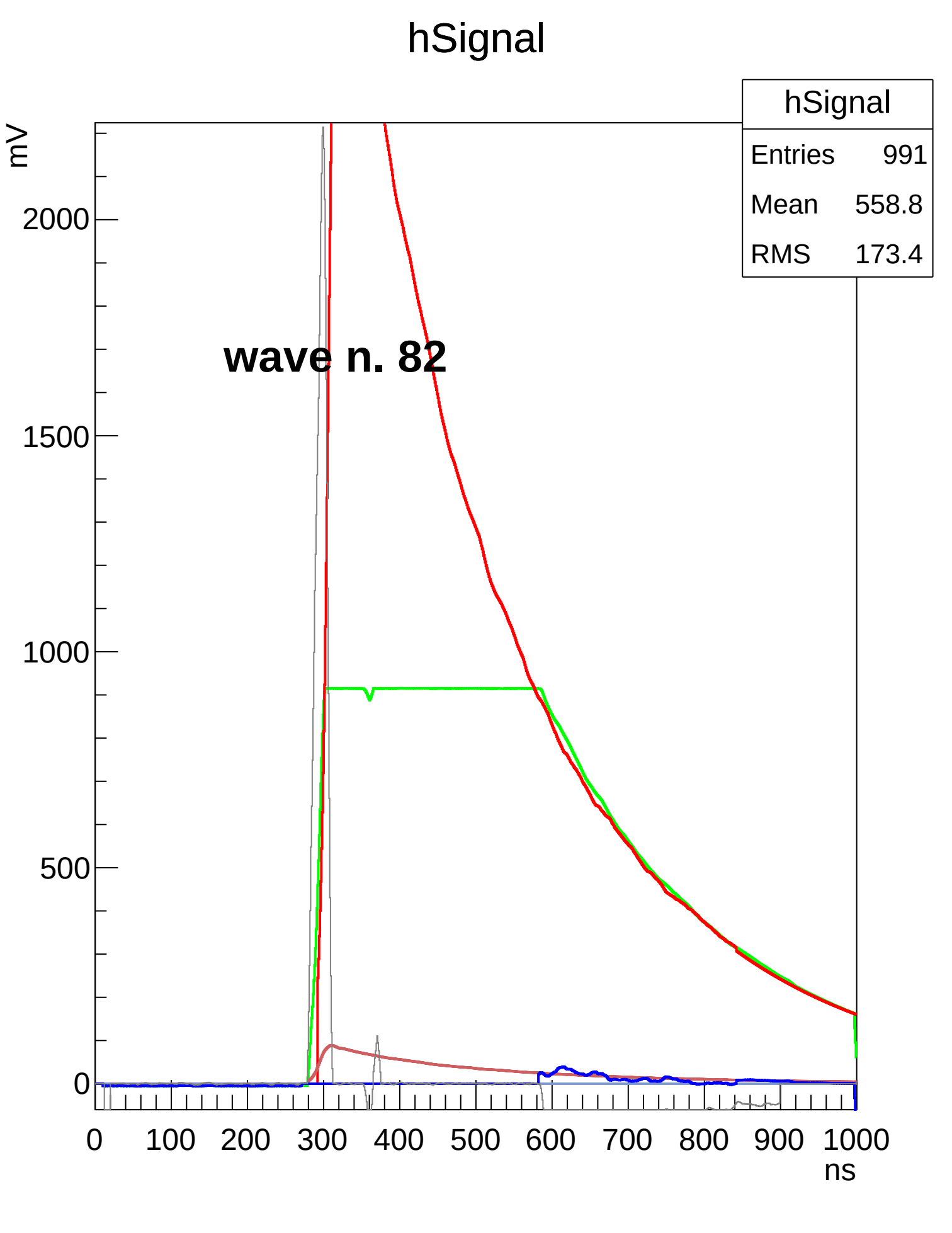
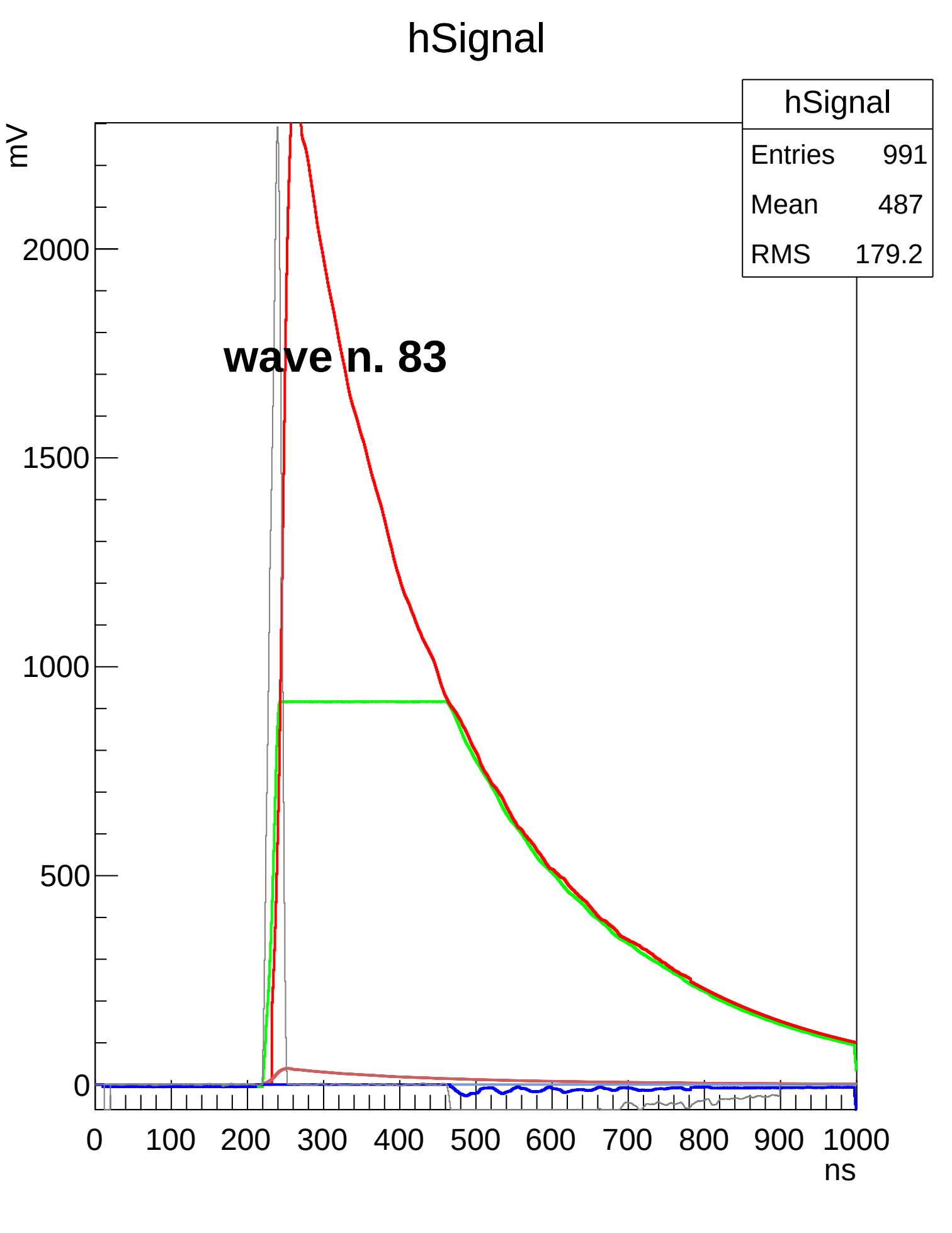
600
700
800
900
1000
ns

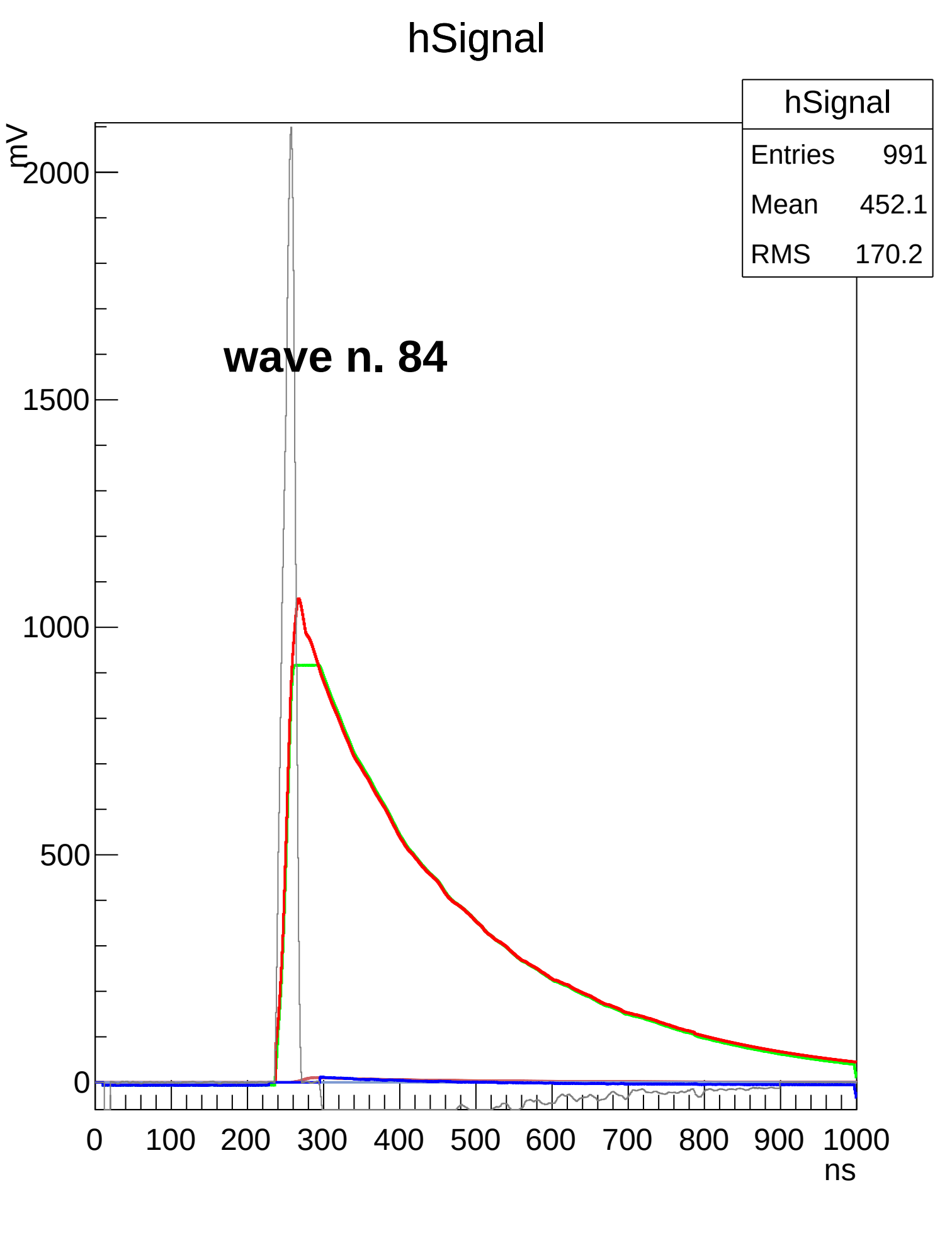

hSignal
hSignal
Entries 991
Mean 488.2
RMS 164.5
wave n. 79
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 571.7
RMS 166.3
wave n. 80
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.5
RMS 174
wave n. 81
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558.8
RMS 173.4
wave n. 82
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 487
RMS 179.2
wave n. 83
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 452.1
RMS 170.2
wave n. 84
mV
2000
1500
1000
500
0
0
100
200
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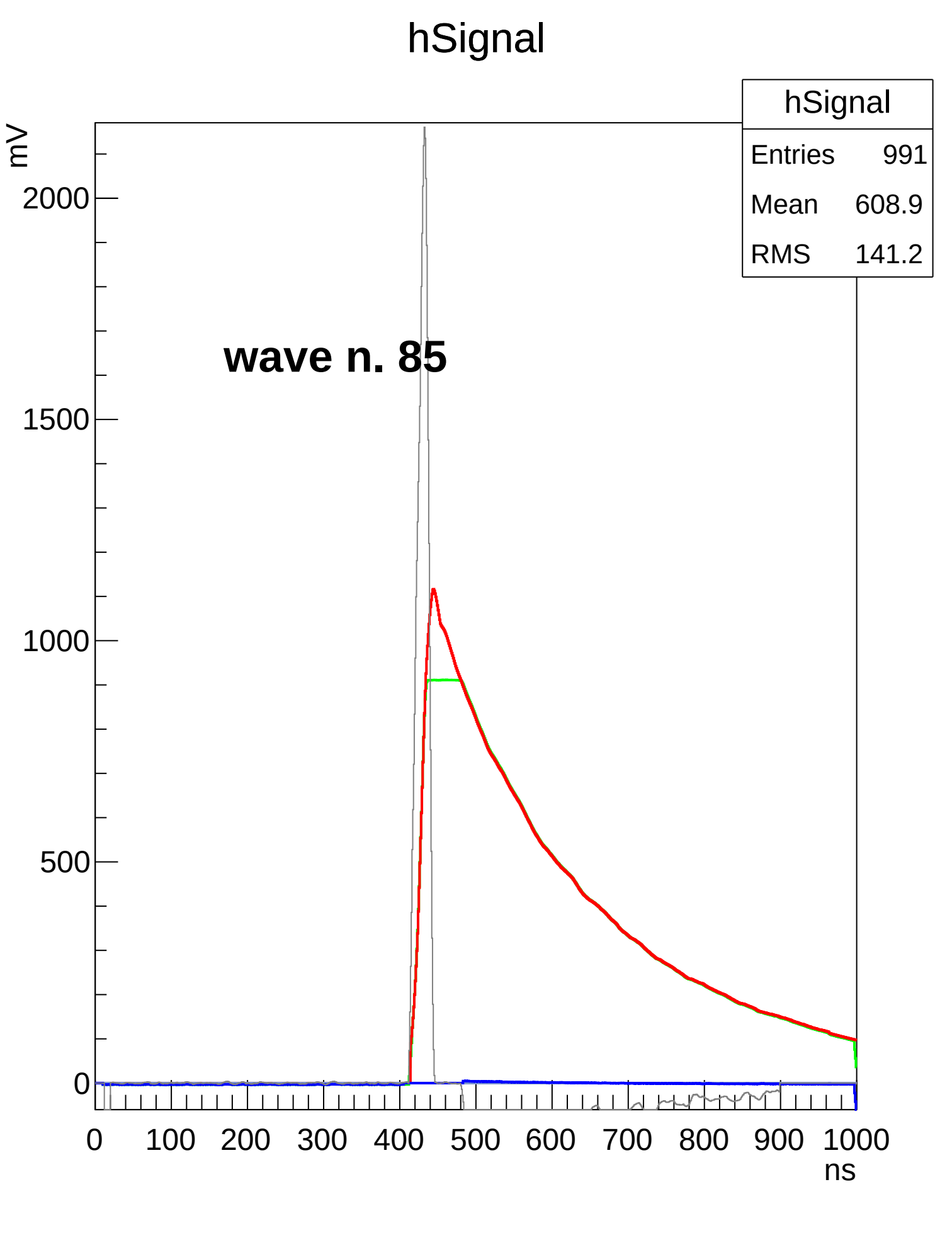
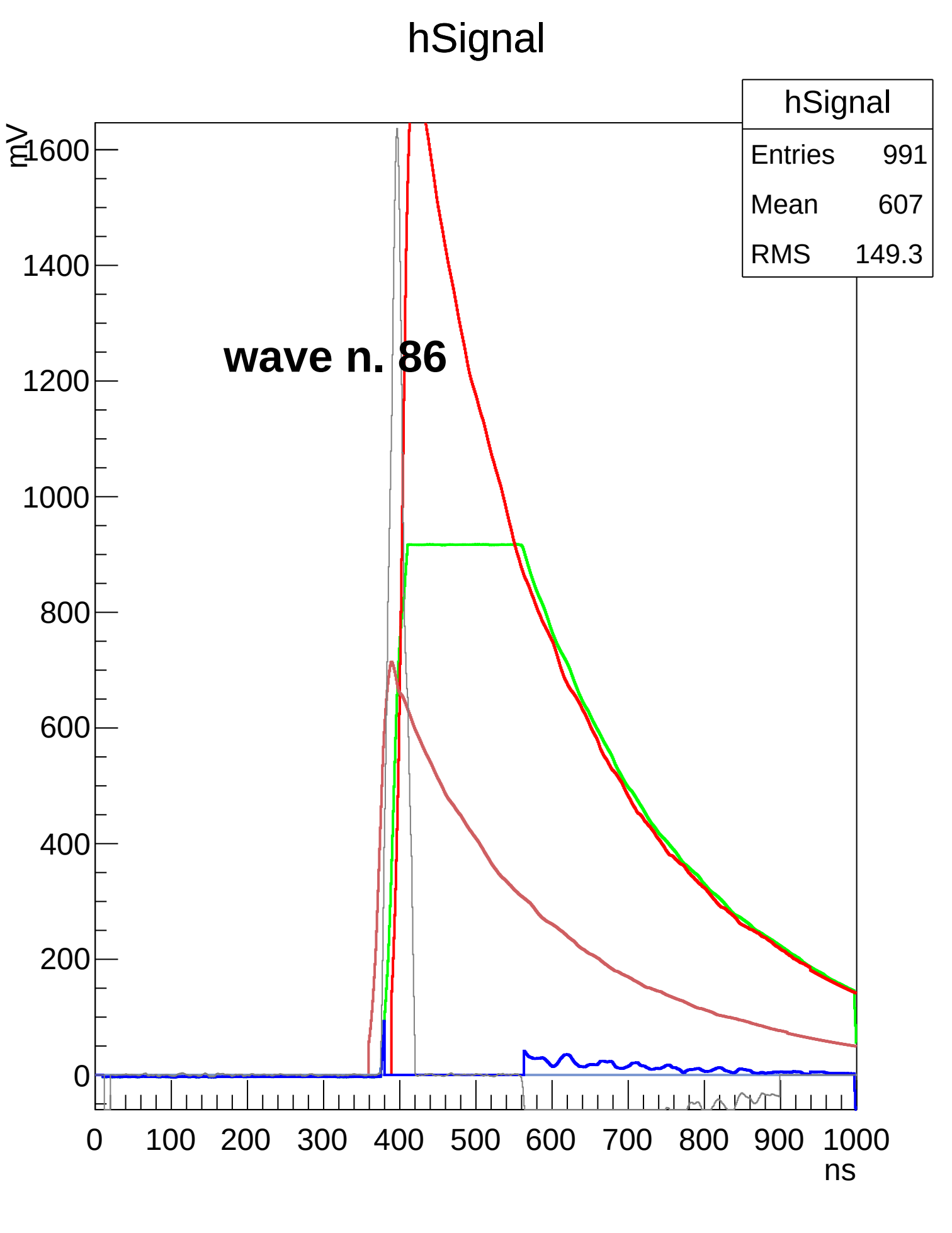
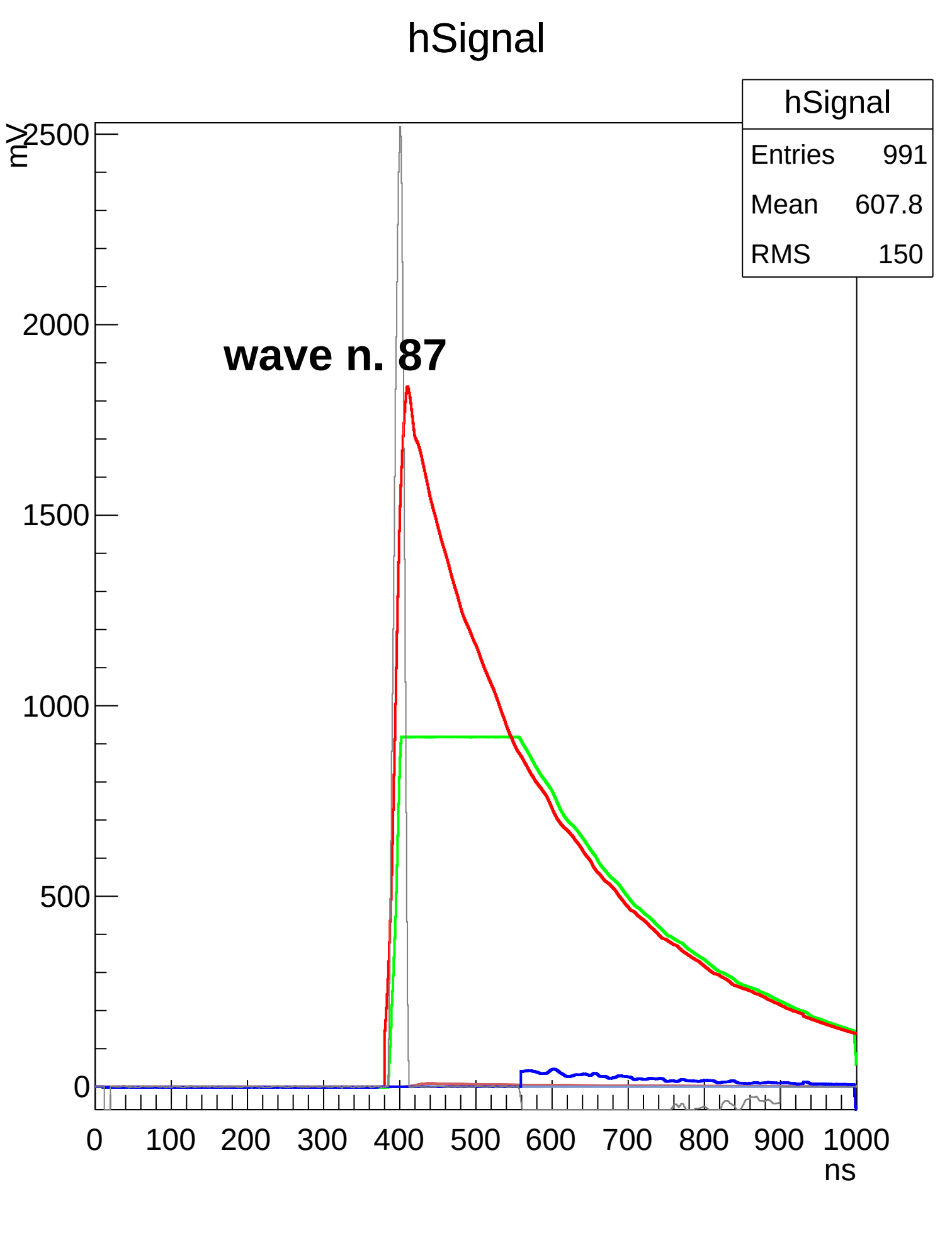
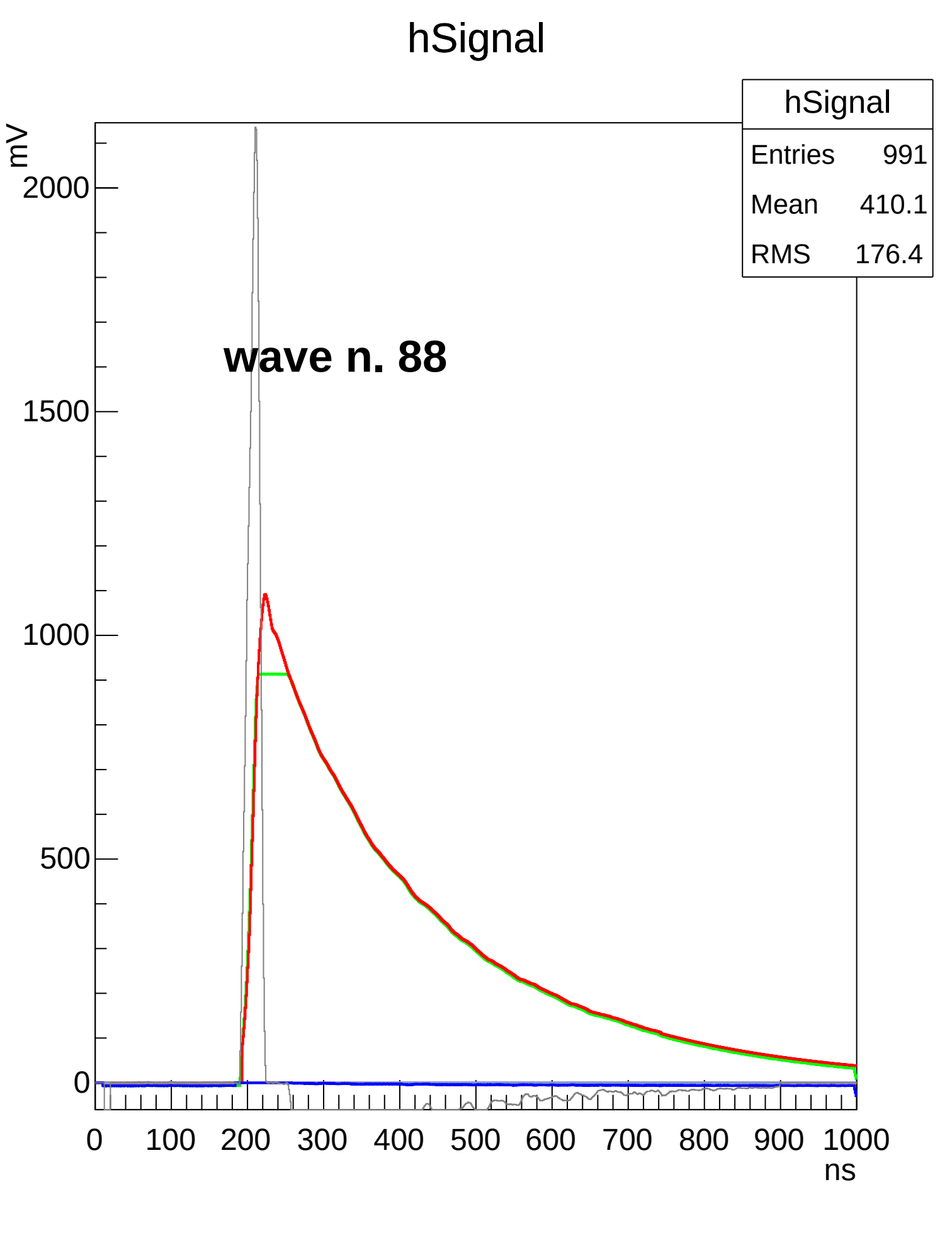
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 608.9
RMS 141.2
wave n. 85
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 607
RMS 149.3
wave n. 86
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 607.8
RMS 150
wave n. 87
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 410.1
RMS 176.4
wave n. 88
mV
2000
1500
1000
500
0
0
100
200
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400
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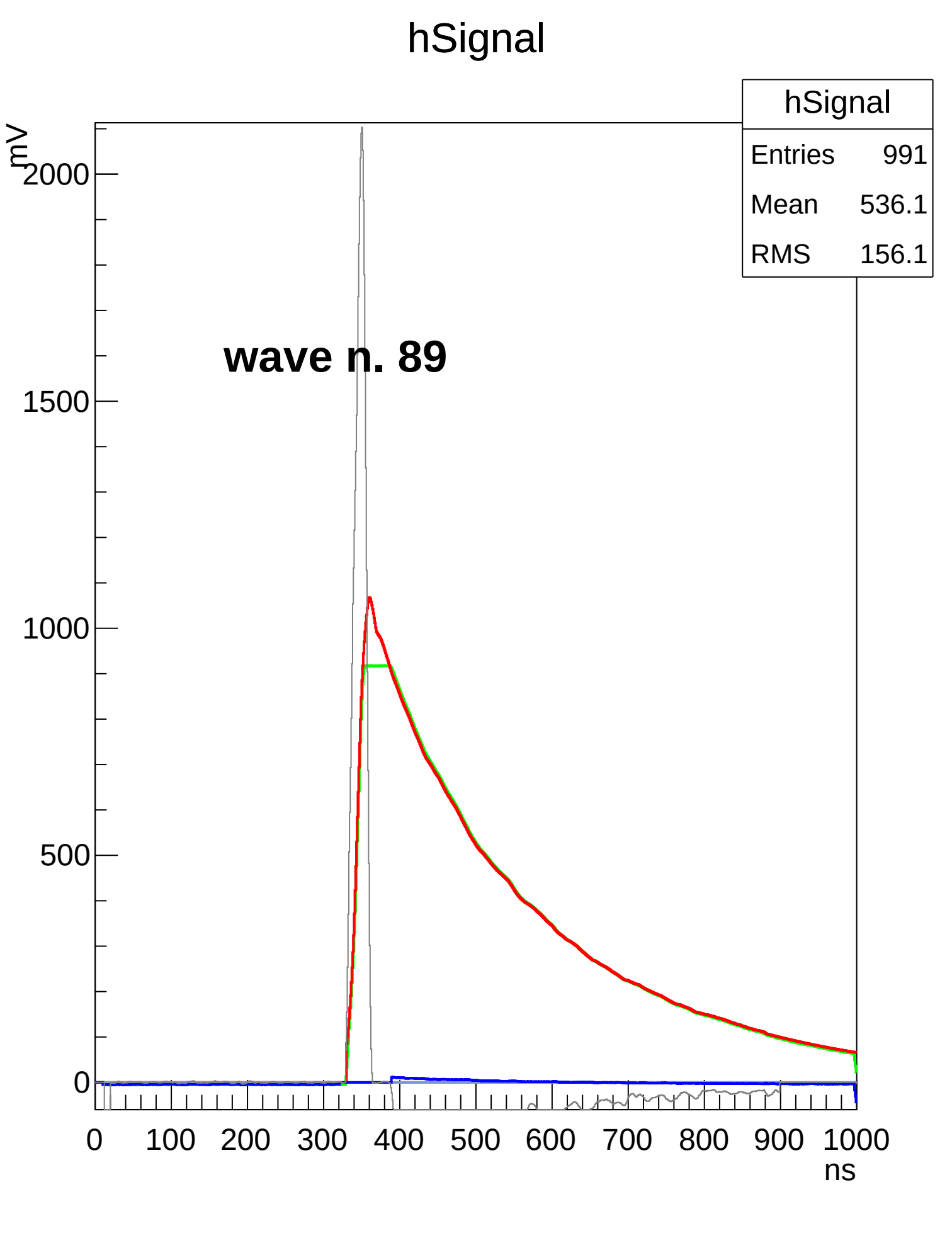
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 536.1
RMS 156.1
wave n. 89
mV
2000
1500
1000
500
0
0
100
200
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400
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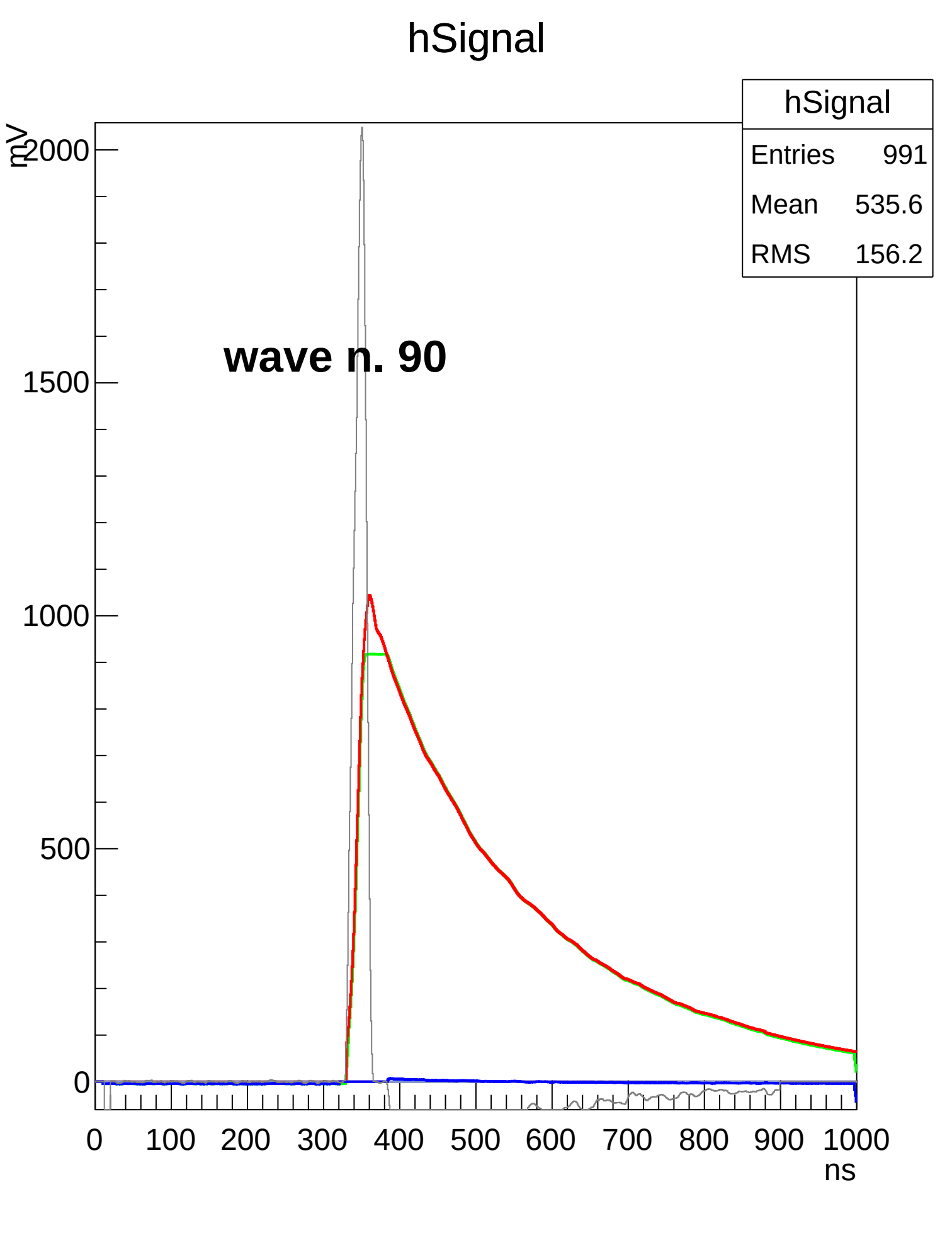
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 535.6
RMS 156.2
wave n. 90
mV
2000
1500
1000
500
0
0
100
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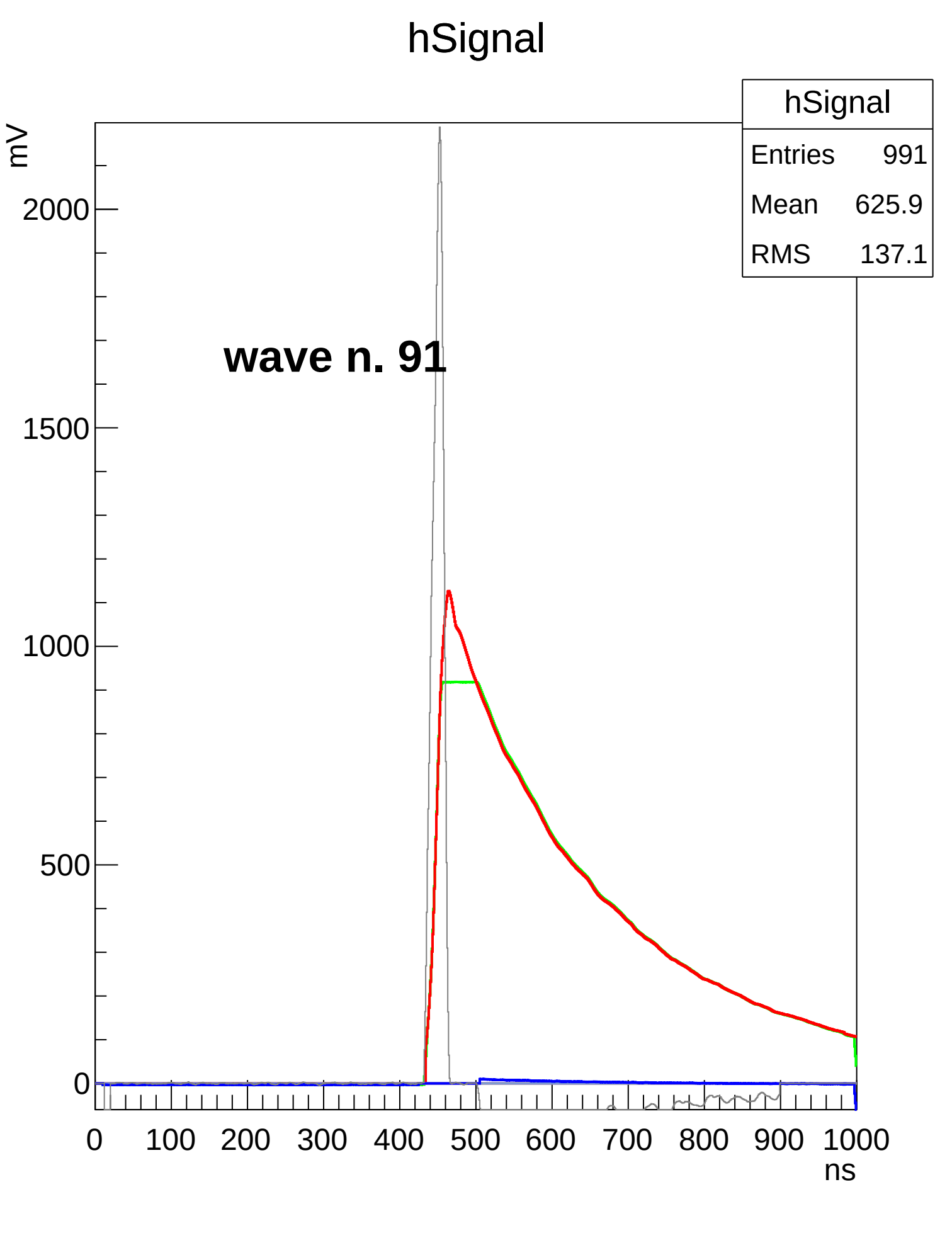
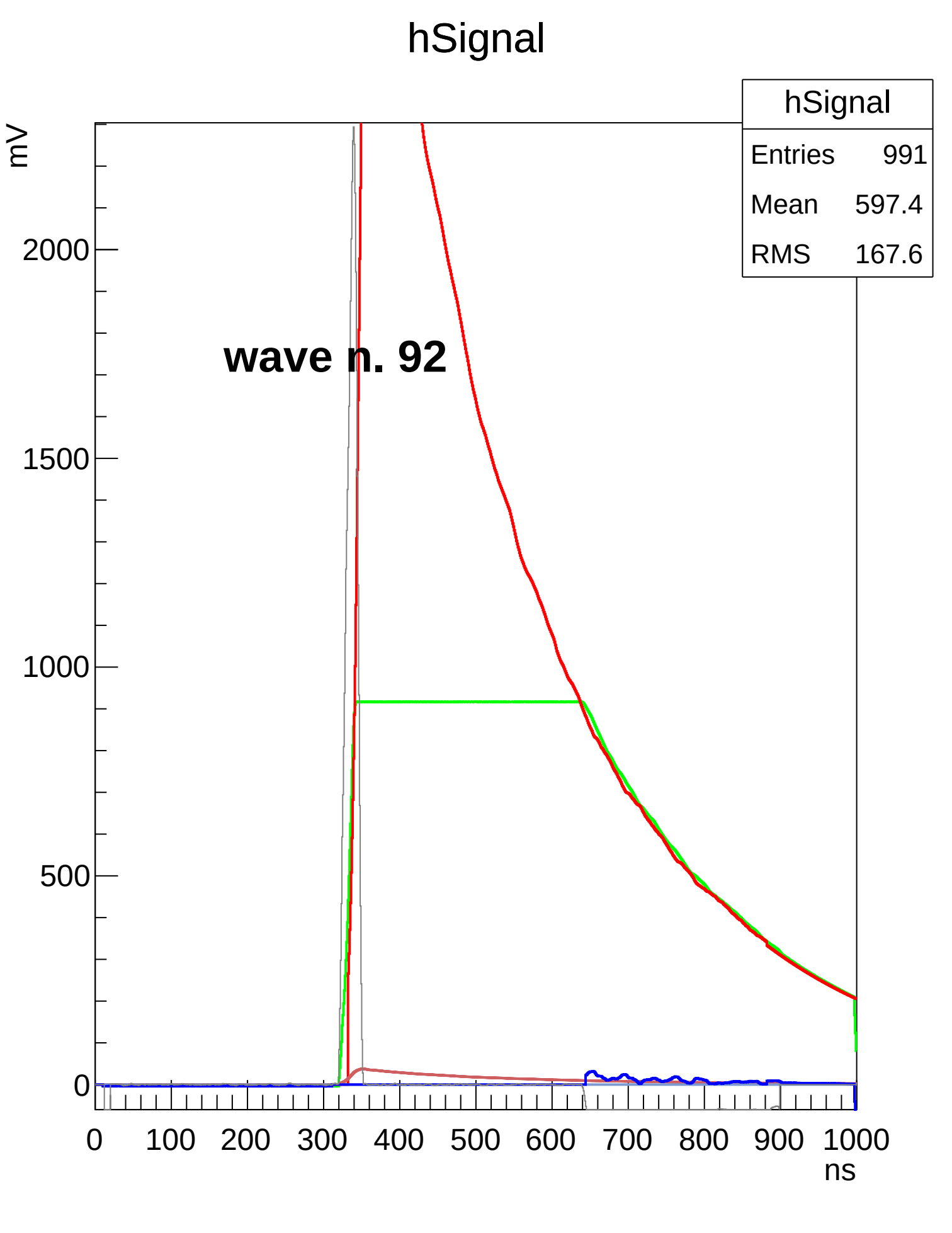
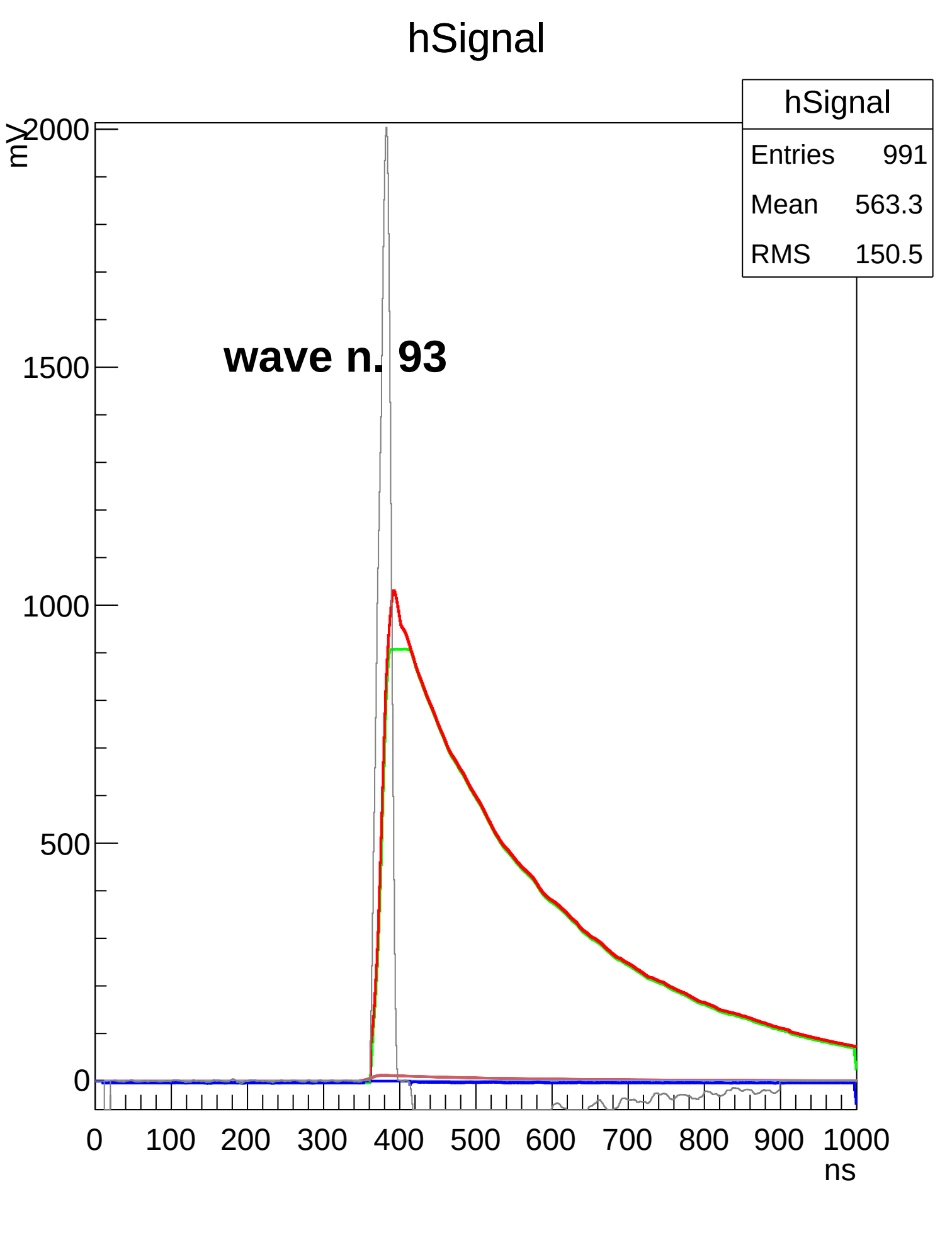
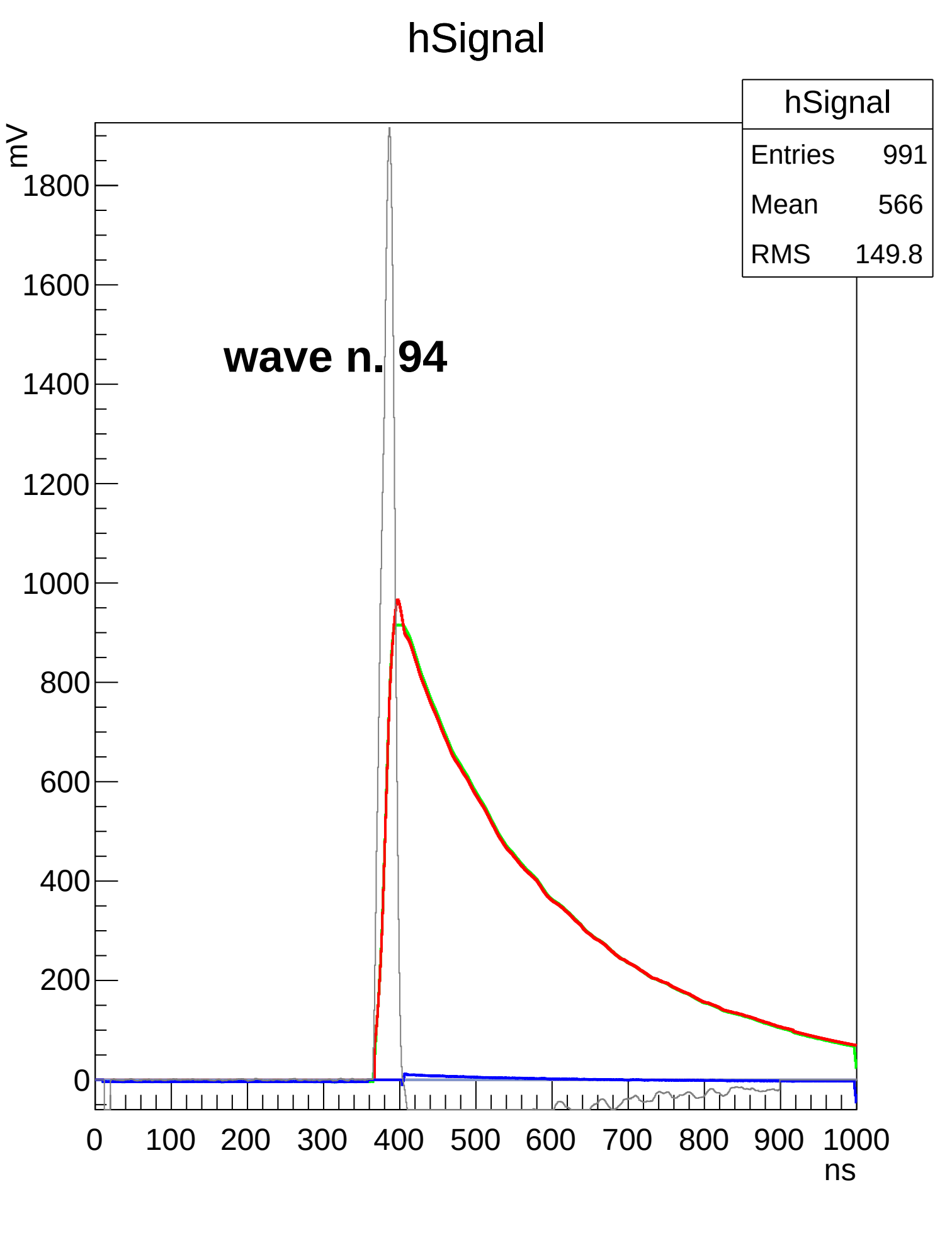
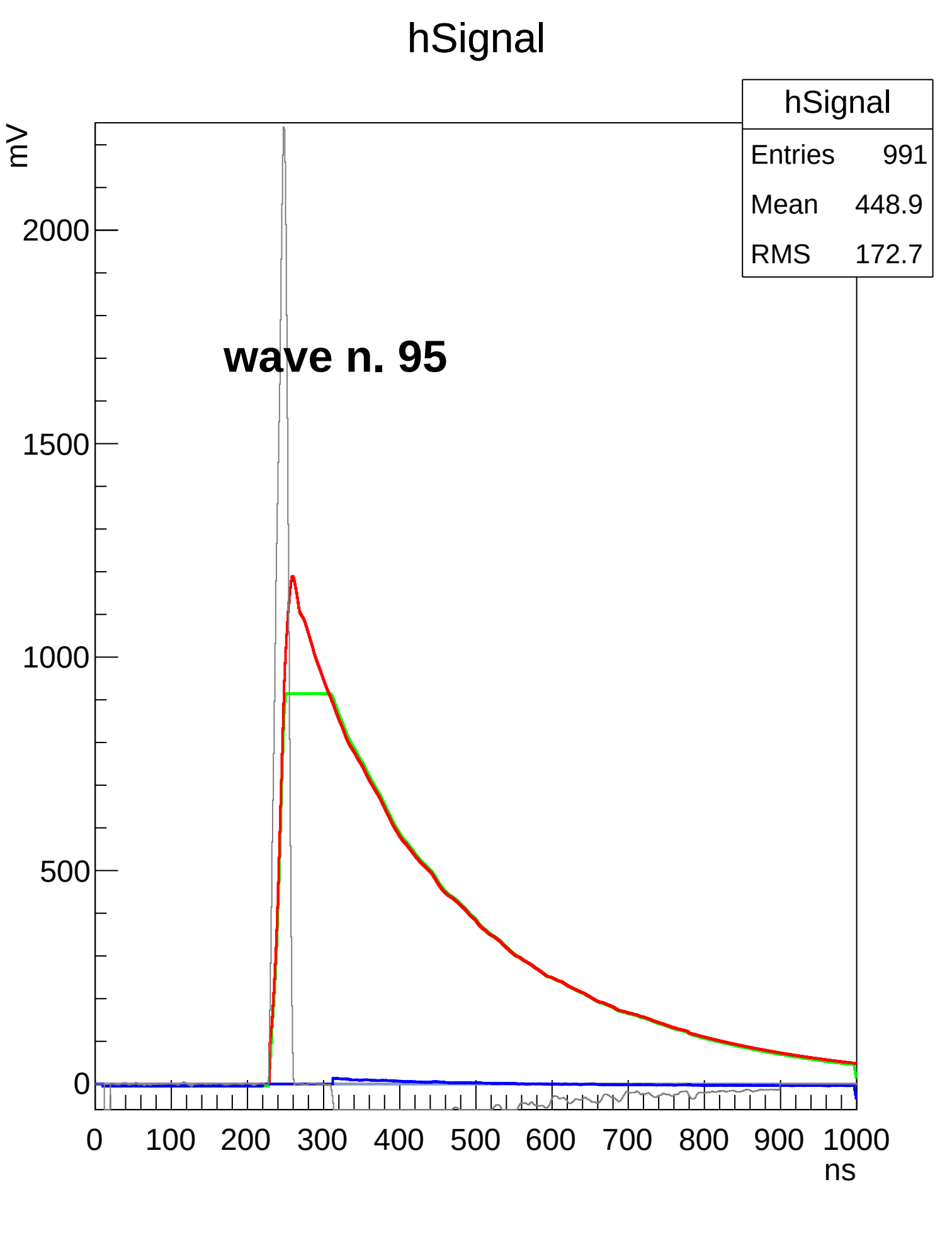
700
800
900
1000
ns

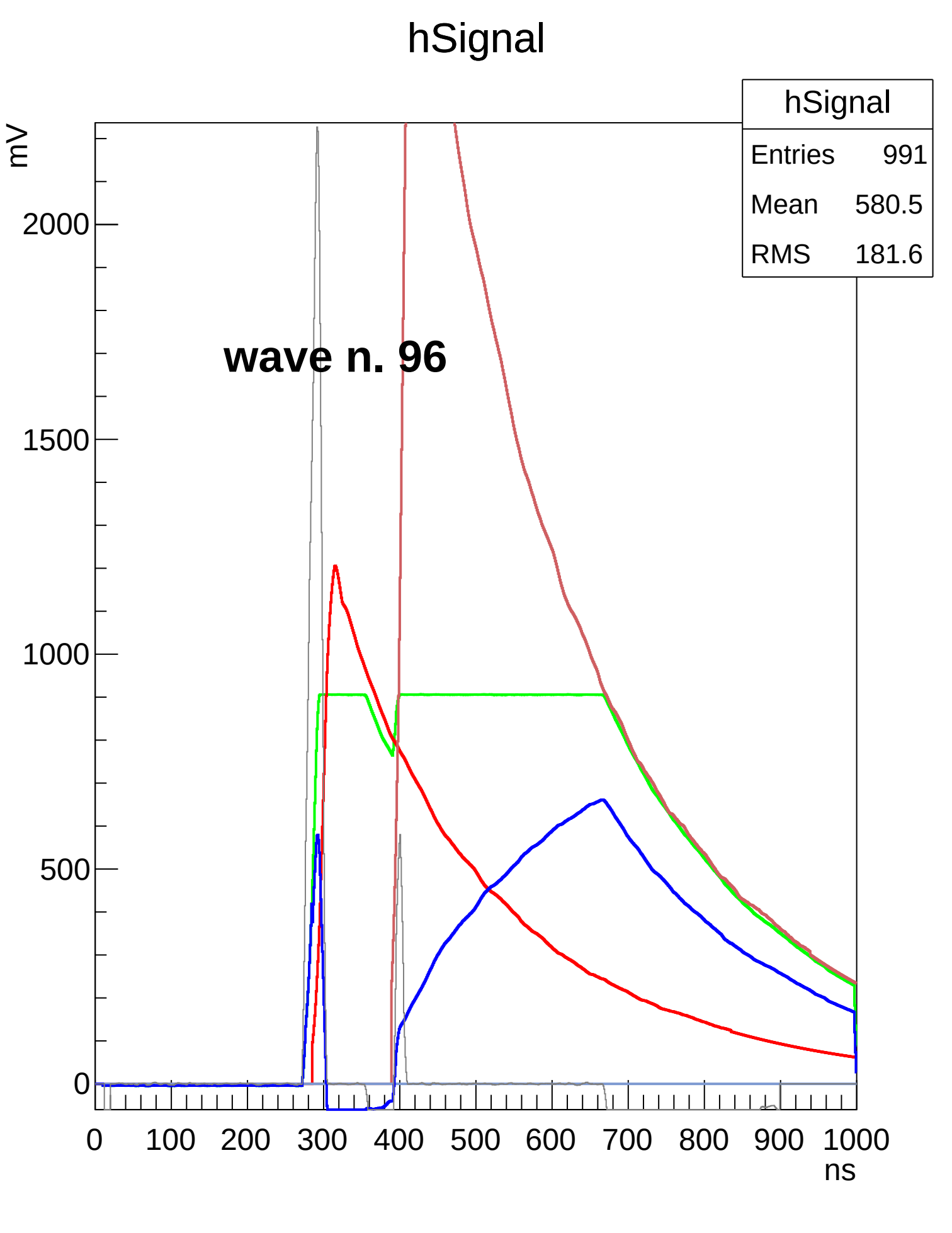

hSignal
hSignal
Entries 991
Mean 625.9
RMS 137.1
wave n. 91
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

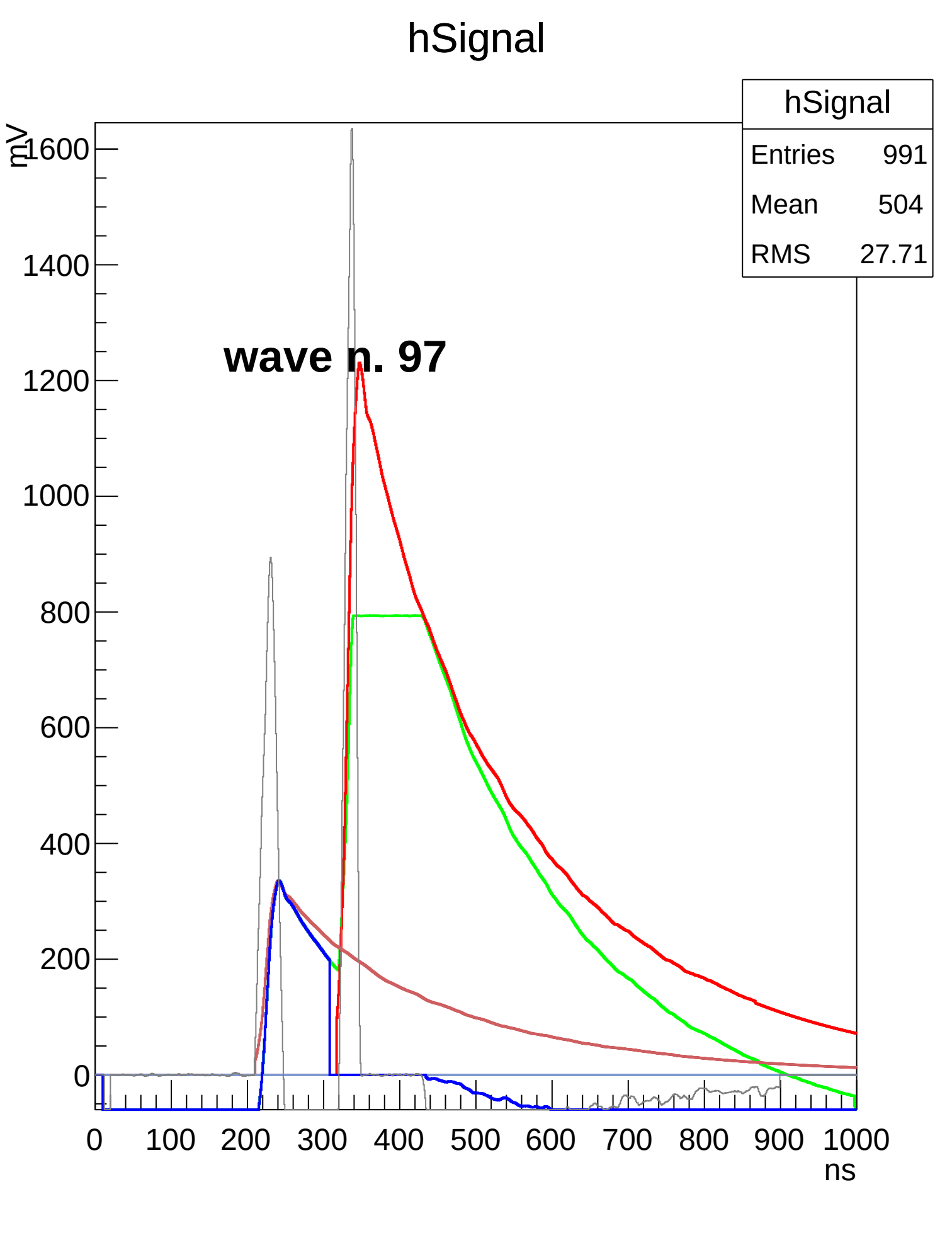

hSignal
hSignal
Entries 991
Mean 597.4
RMS 167.6
wave n. 92
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 563.3
RMS 150.5
wave n. 93
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 566
RMS 149.8
wave n. 94
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 448.9
RMS 172.7
wave n. 95
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 580.5
RMS 181.6
wave n. 96
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 504
RMS 27.71
wave n. 97
mV
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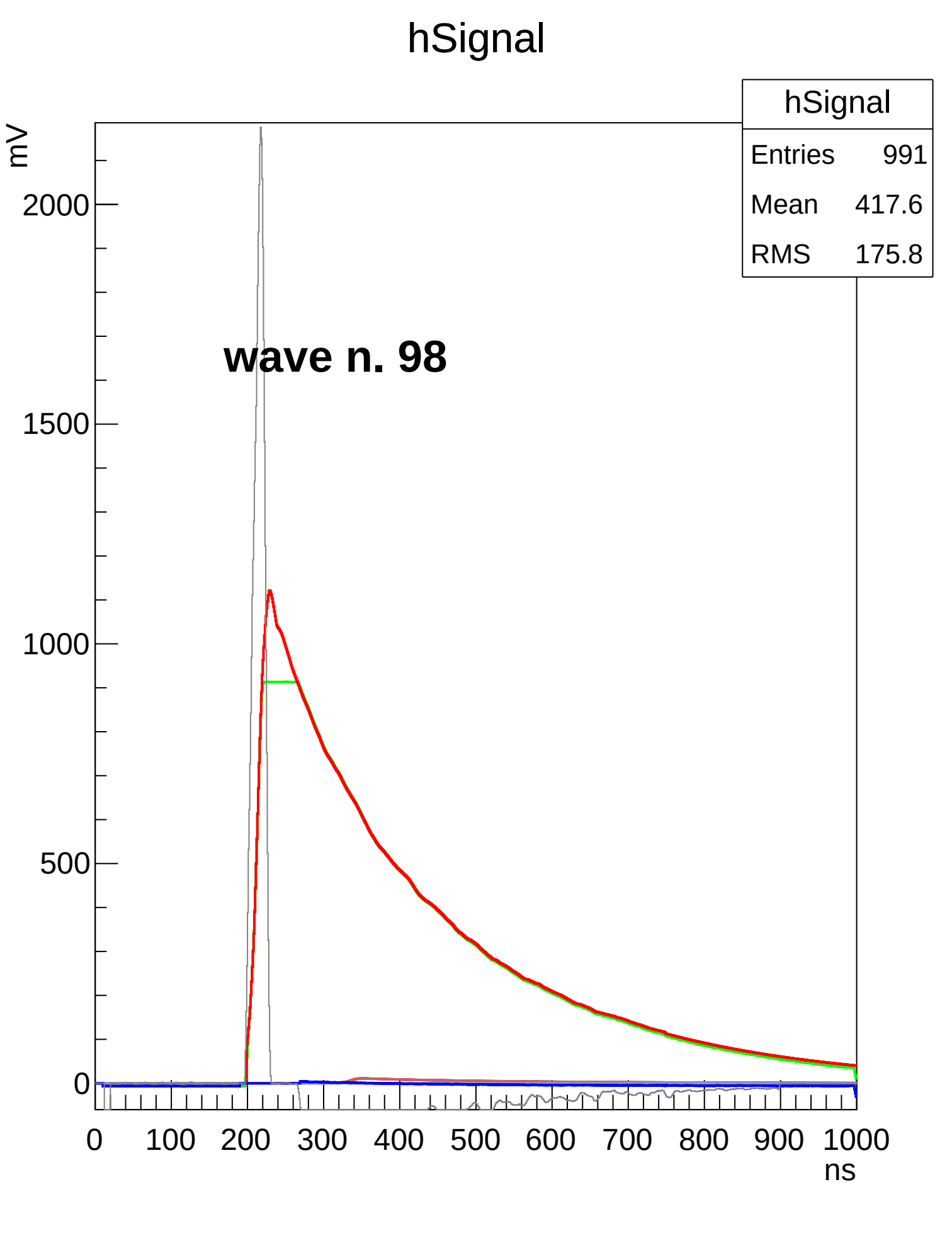
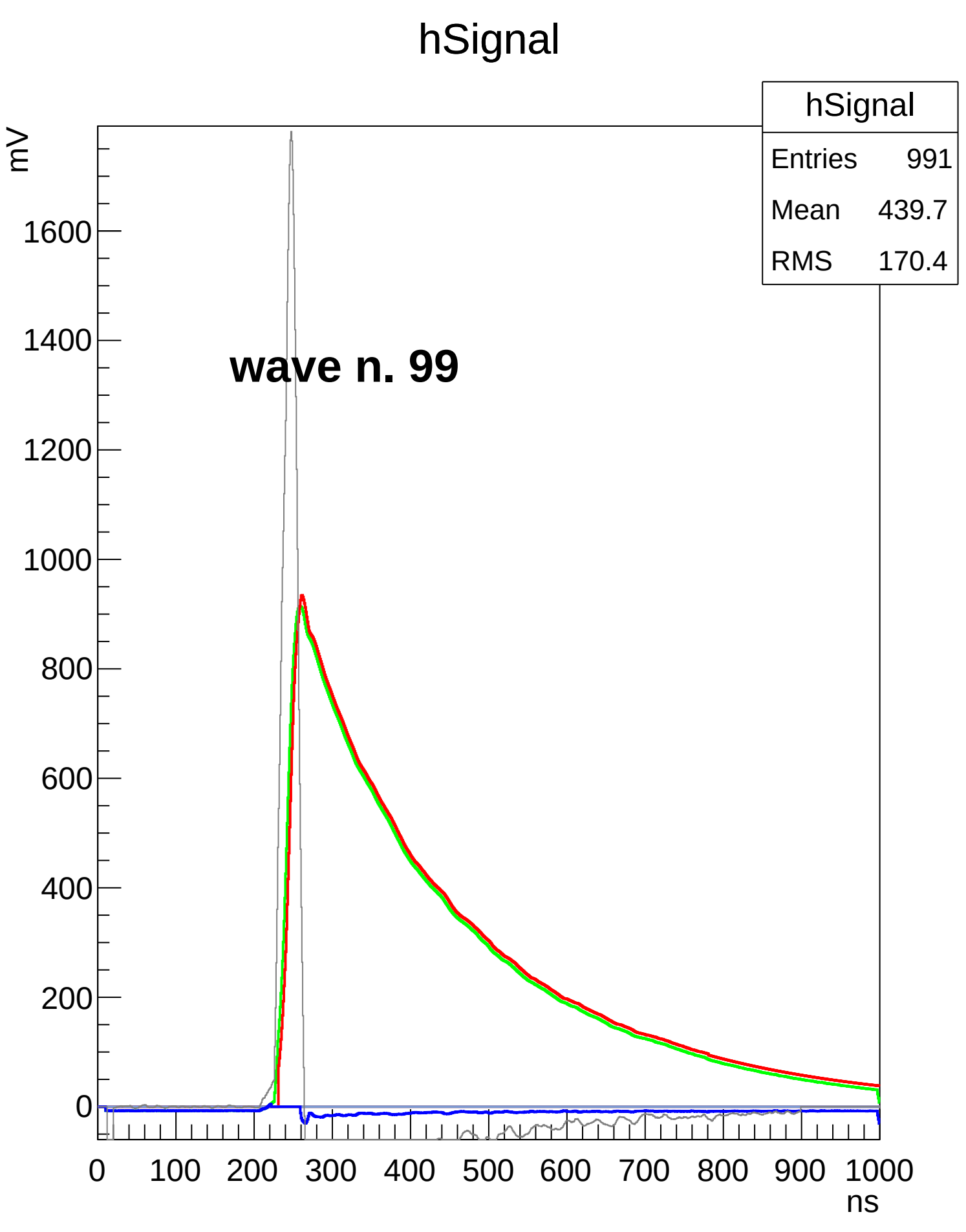
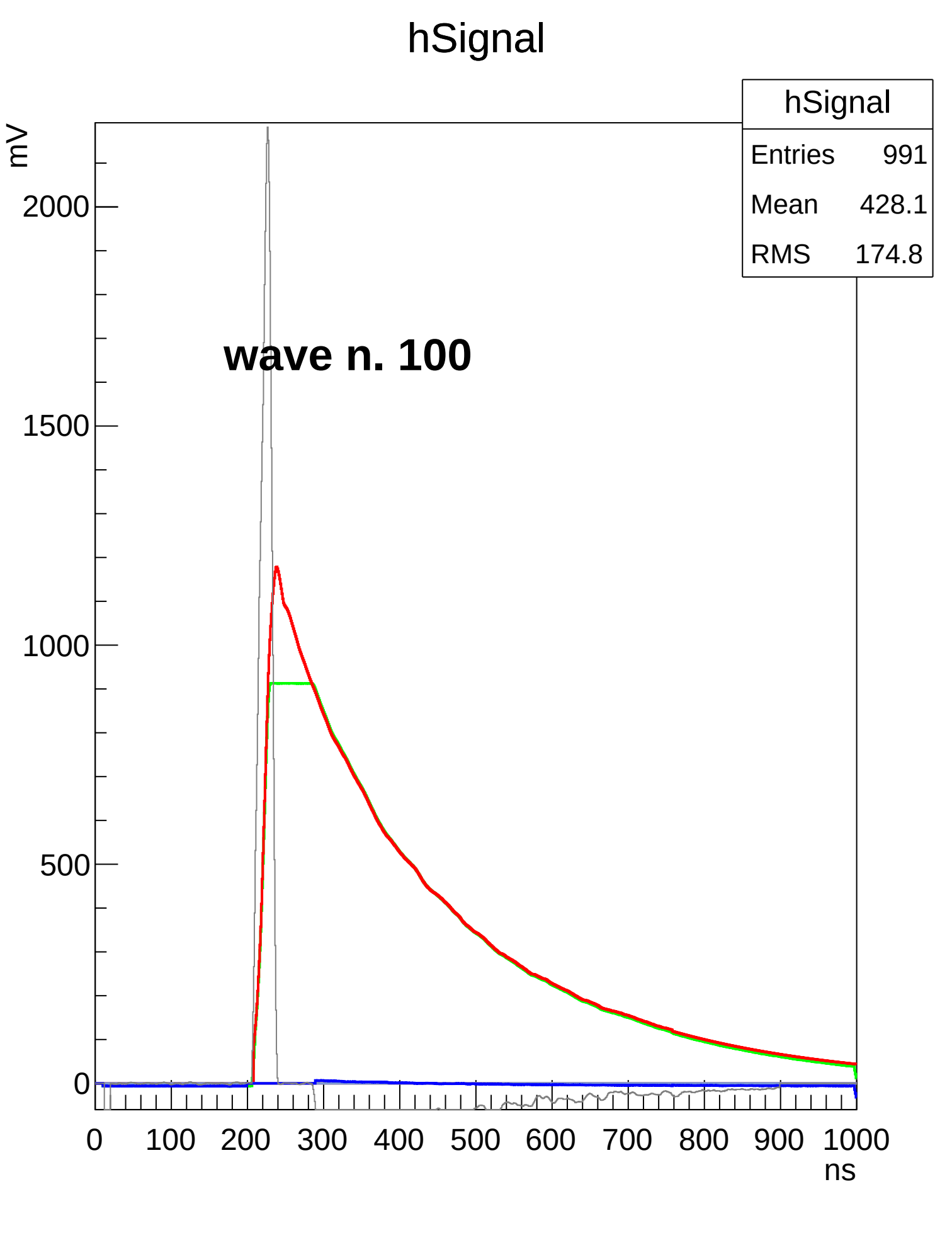
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 417.6
RMS 175.8
wave n. 98
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 439.7
RMS 170.4
wave n. 99
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 428.1
RMS 174.8
wave n. 100
mV
2000
1500
1000
500
0
0
100
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400
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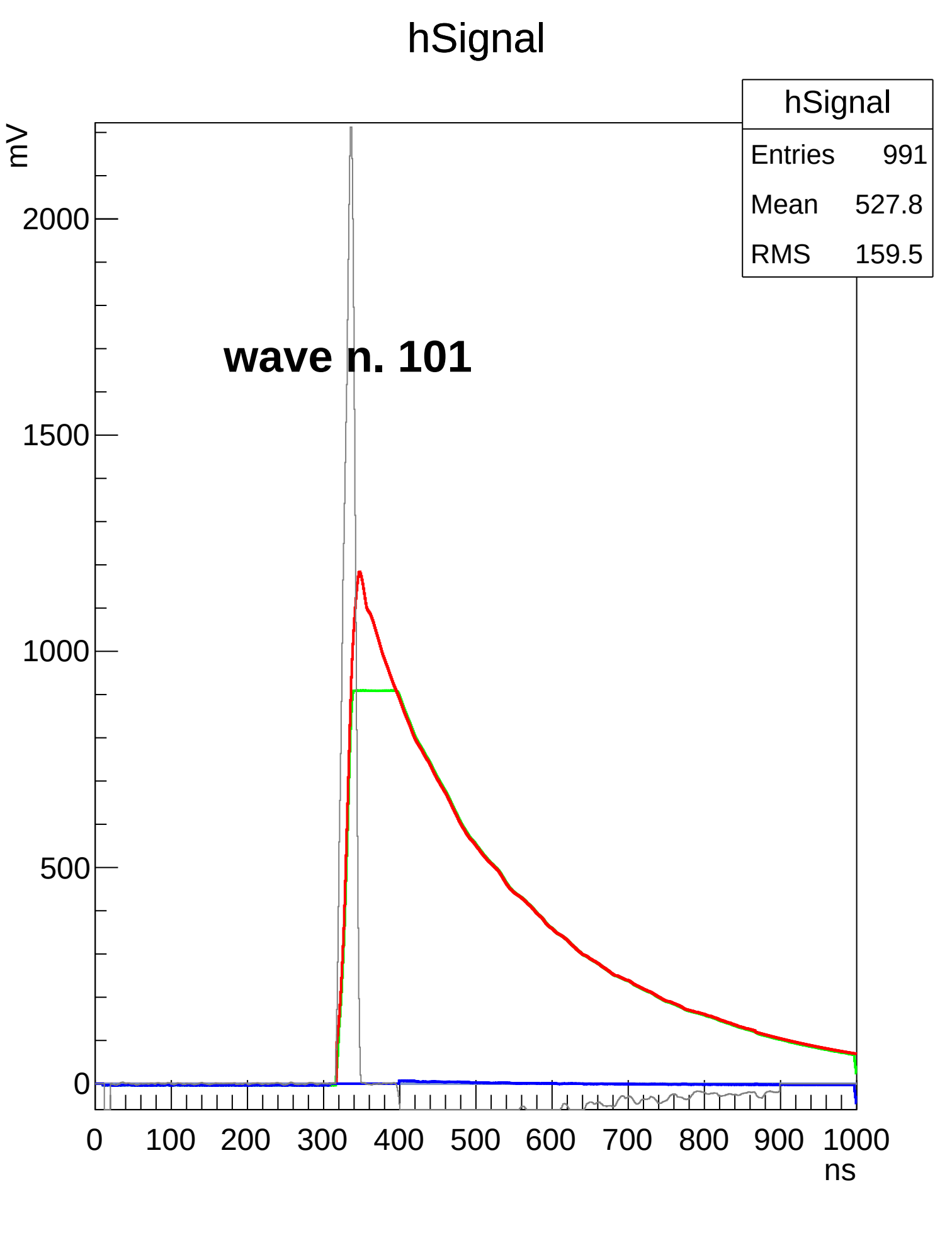
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527.8
RMS 159.5
wave n. 101
mV
2000
1500
1000
500
0
0
100
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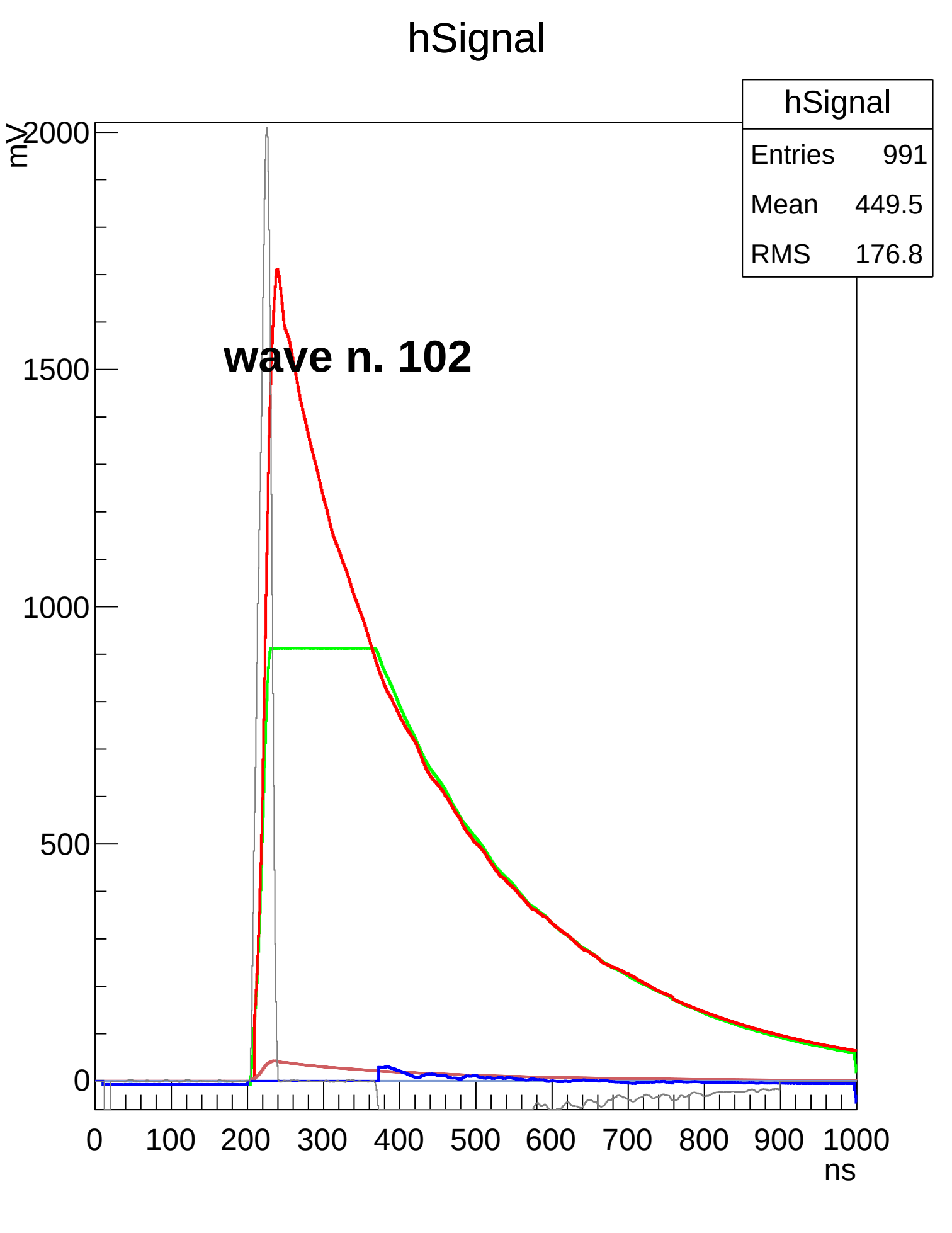
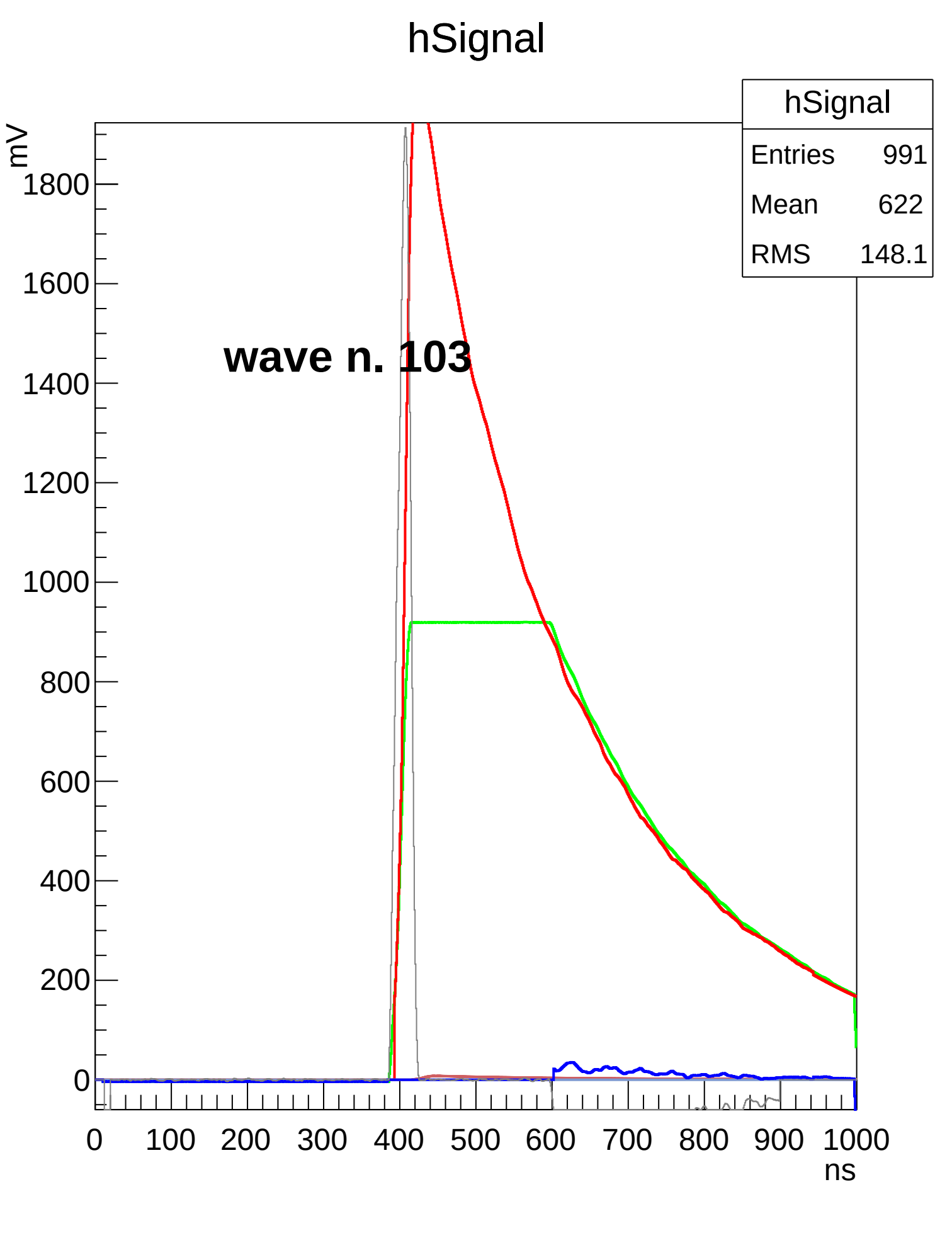
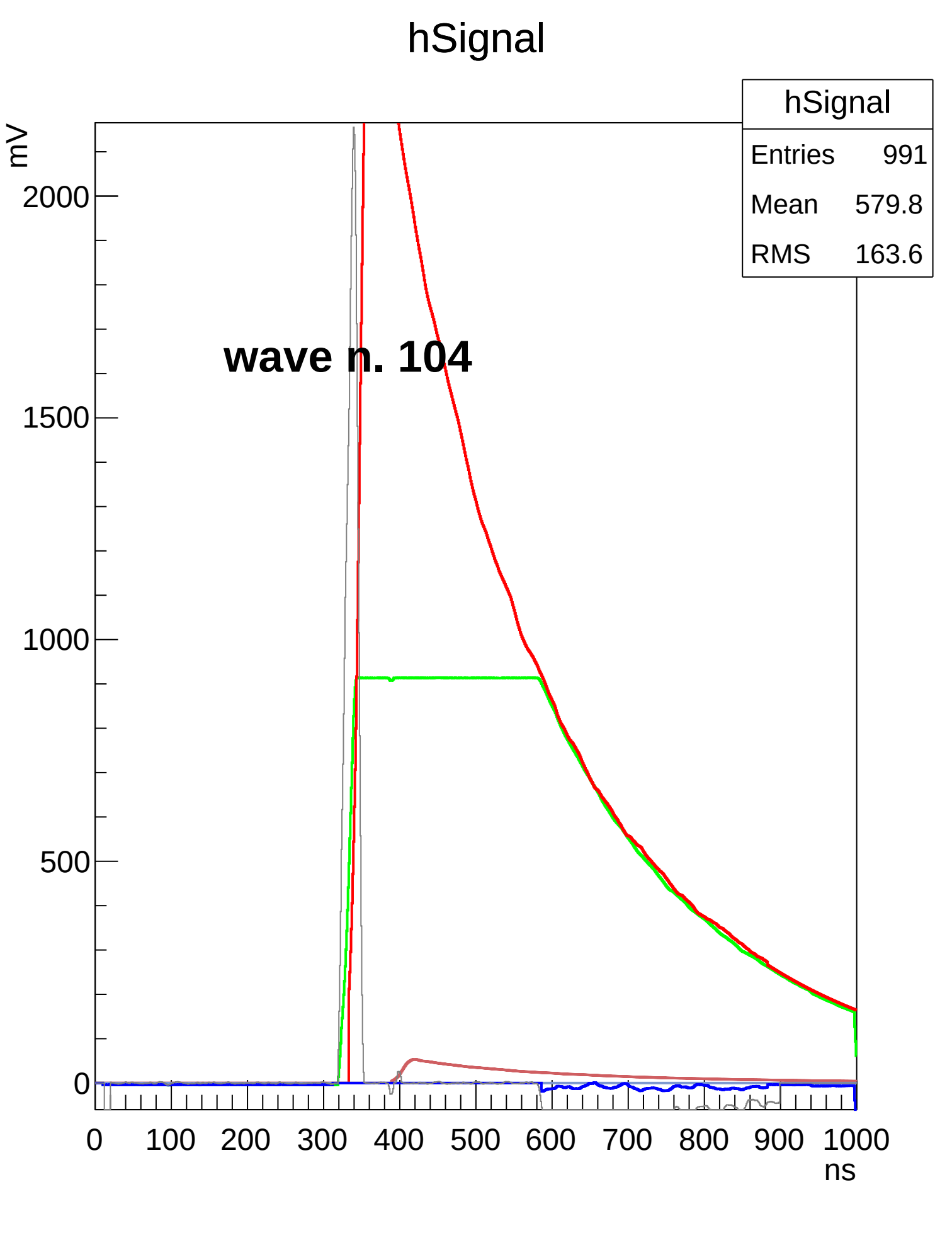
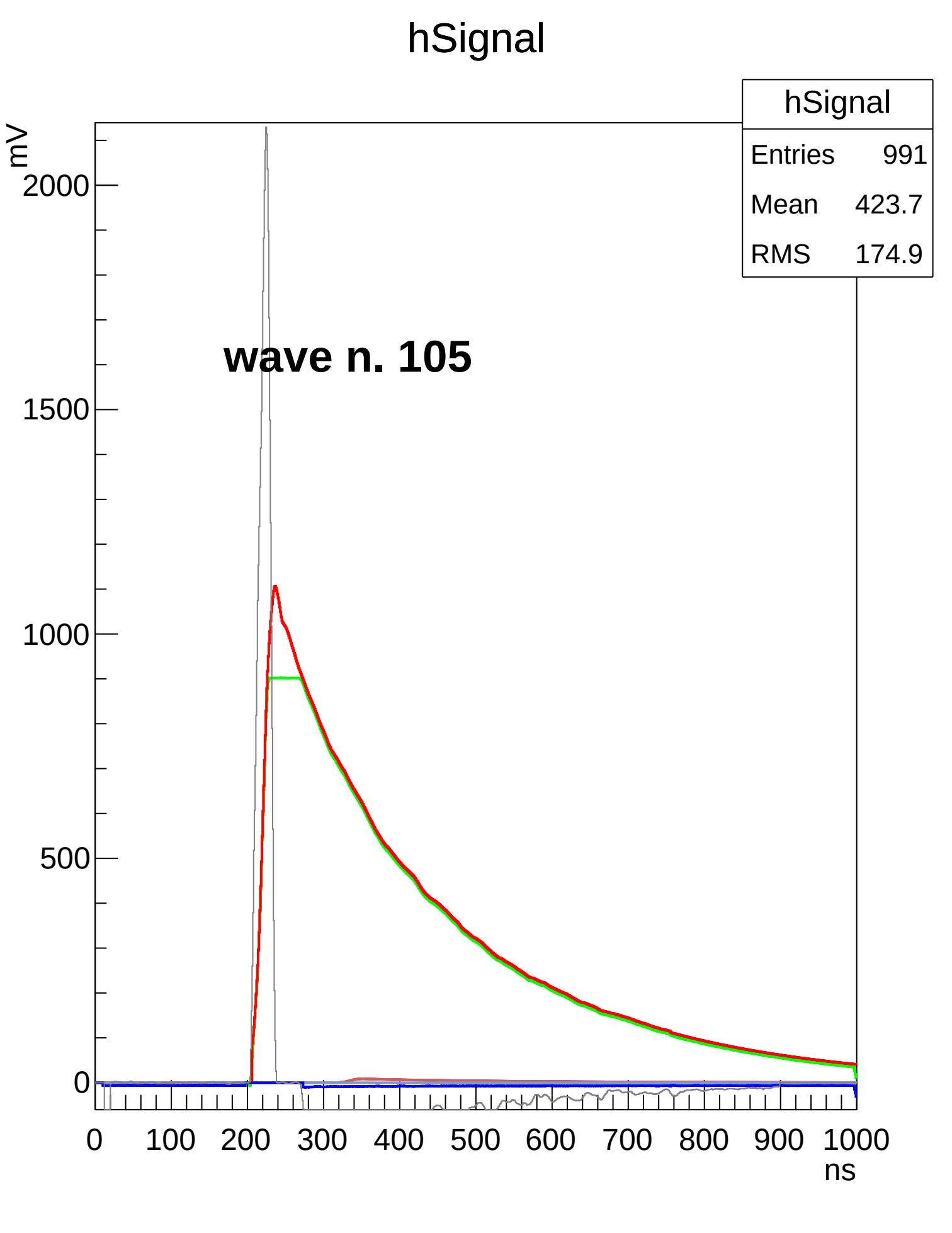
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 449.5
RMS 176.8
wave n. 102
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 622
RMS 148.1
wave n. 103
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 579.8
RMS 163.6
wave n. 104
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 423.7
RMS 174.9
wave n. 105
mV
2000
1500
1000
500
0
0
100
200
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400
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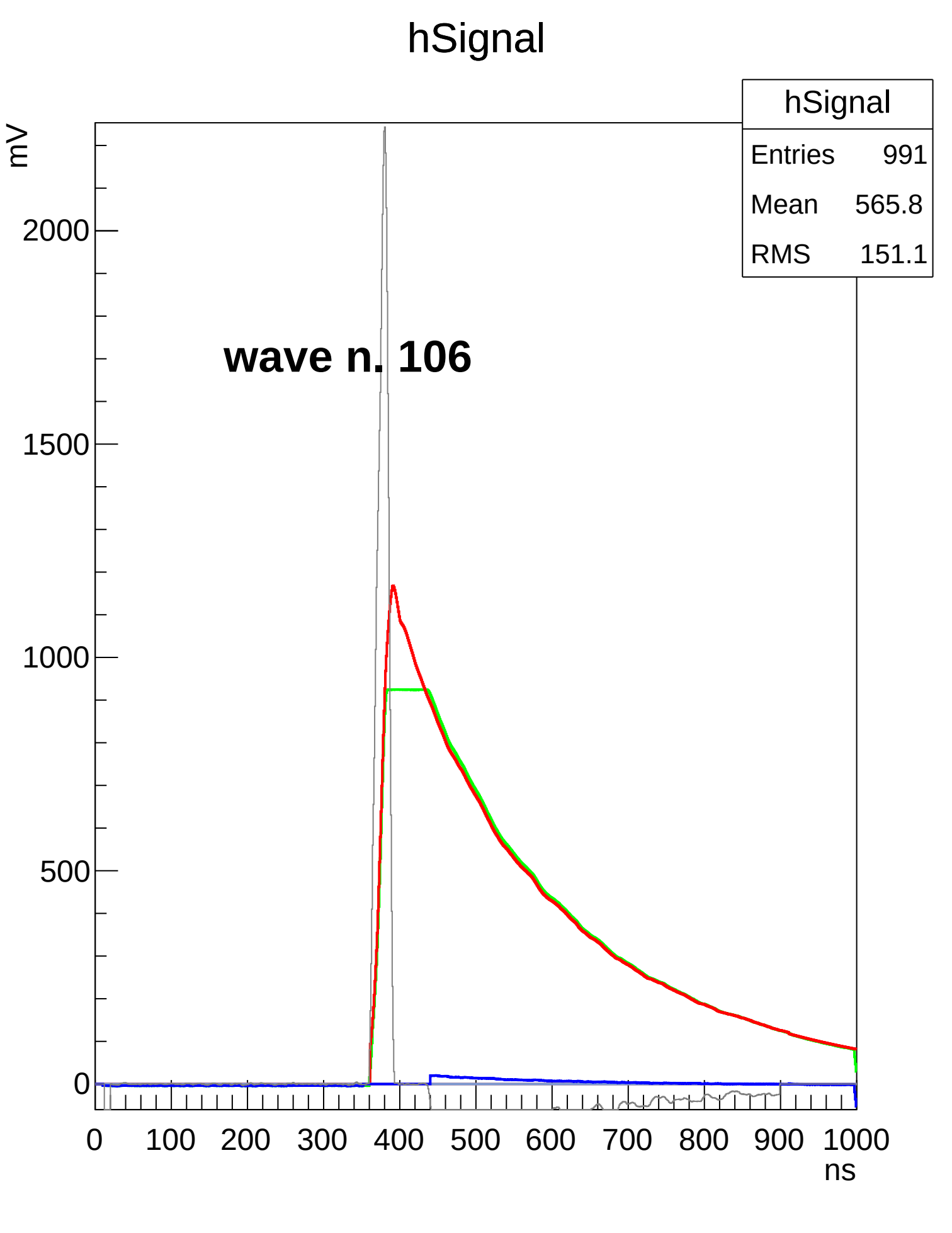
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.8
RMS 151.1
wave n. 106
mV
2000
1500
1000
500
0
0
100
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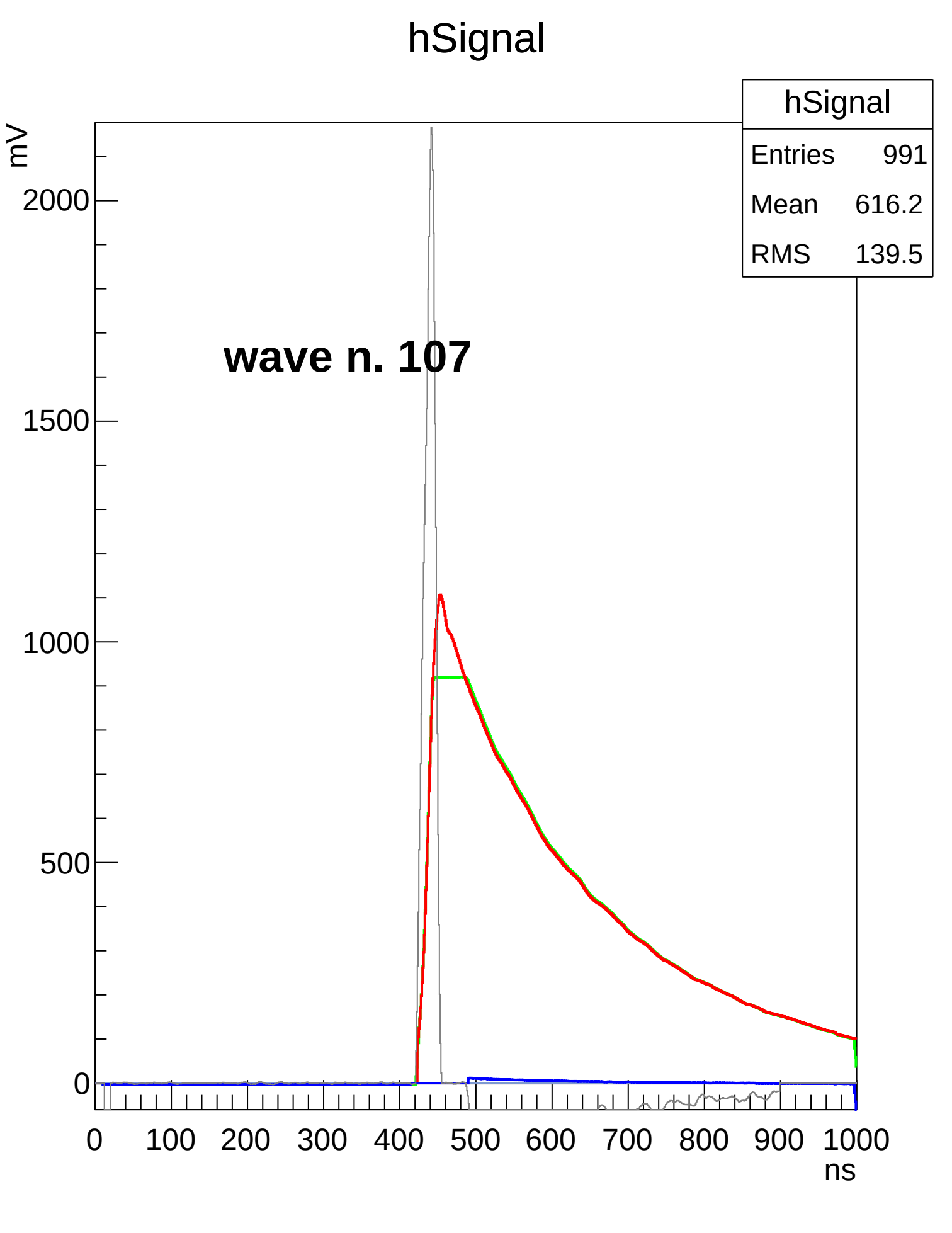
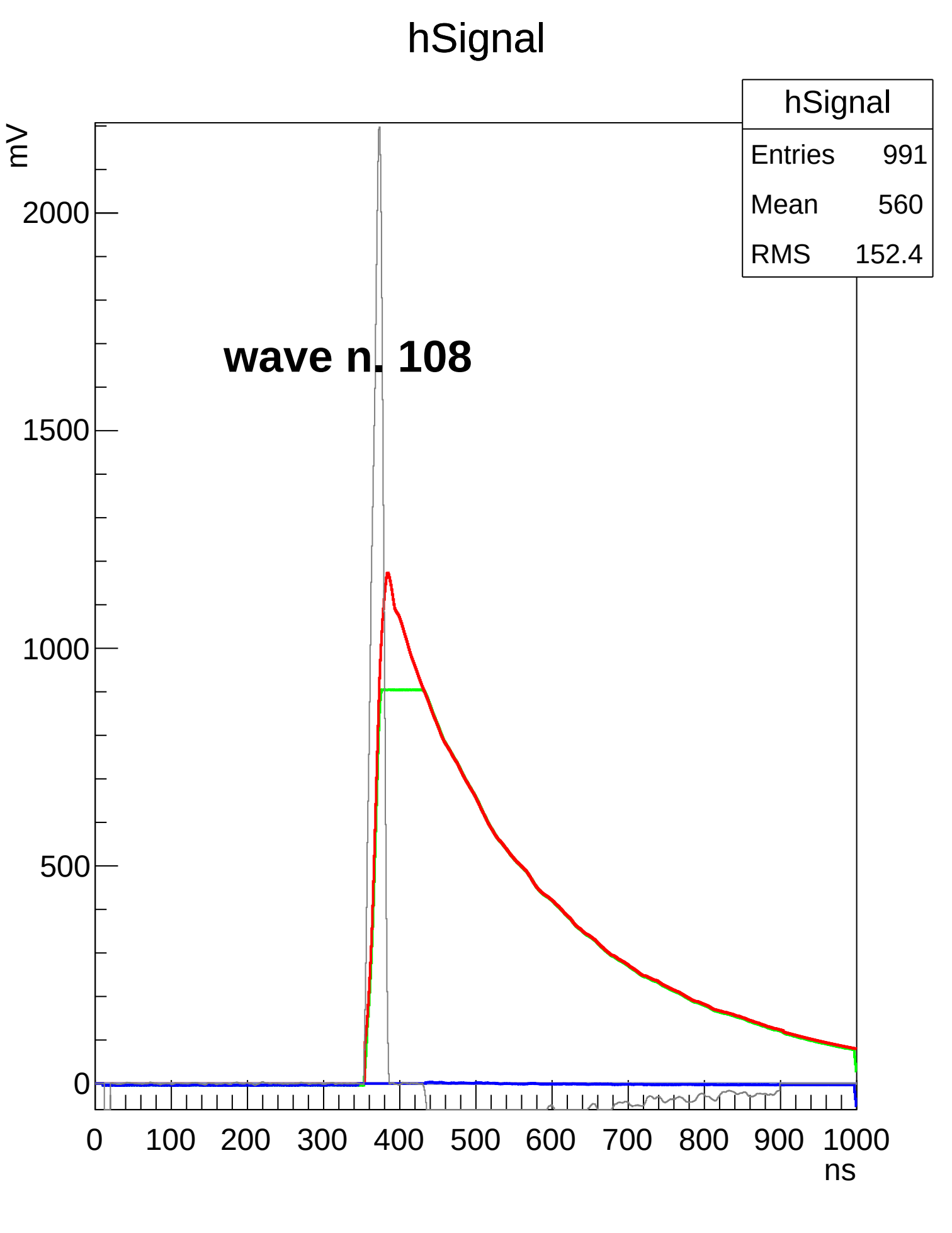
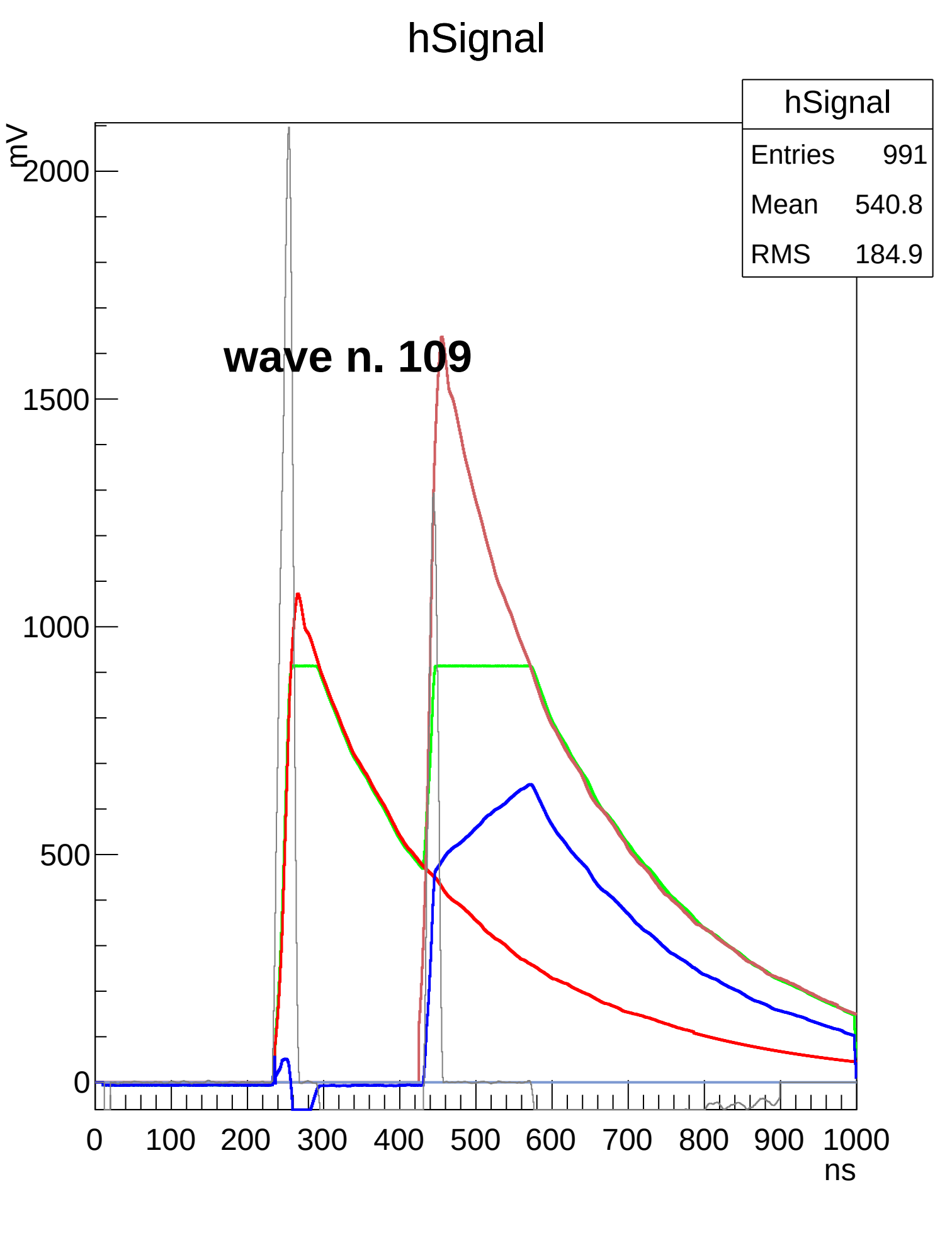
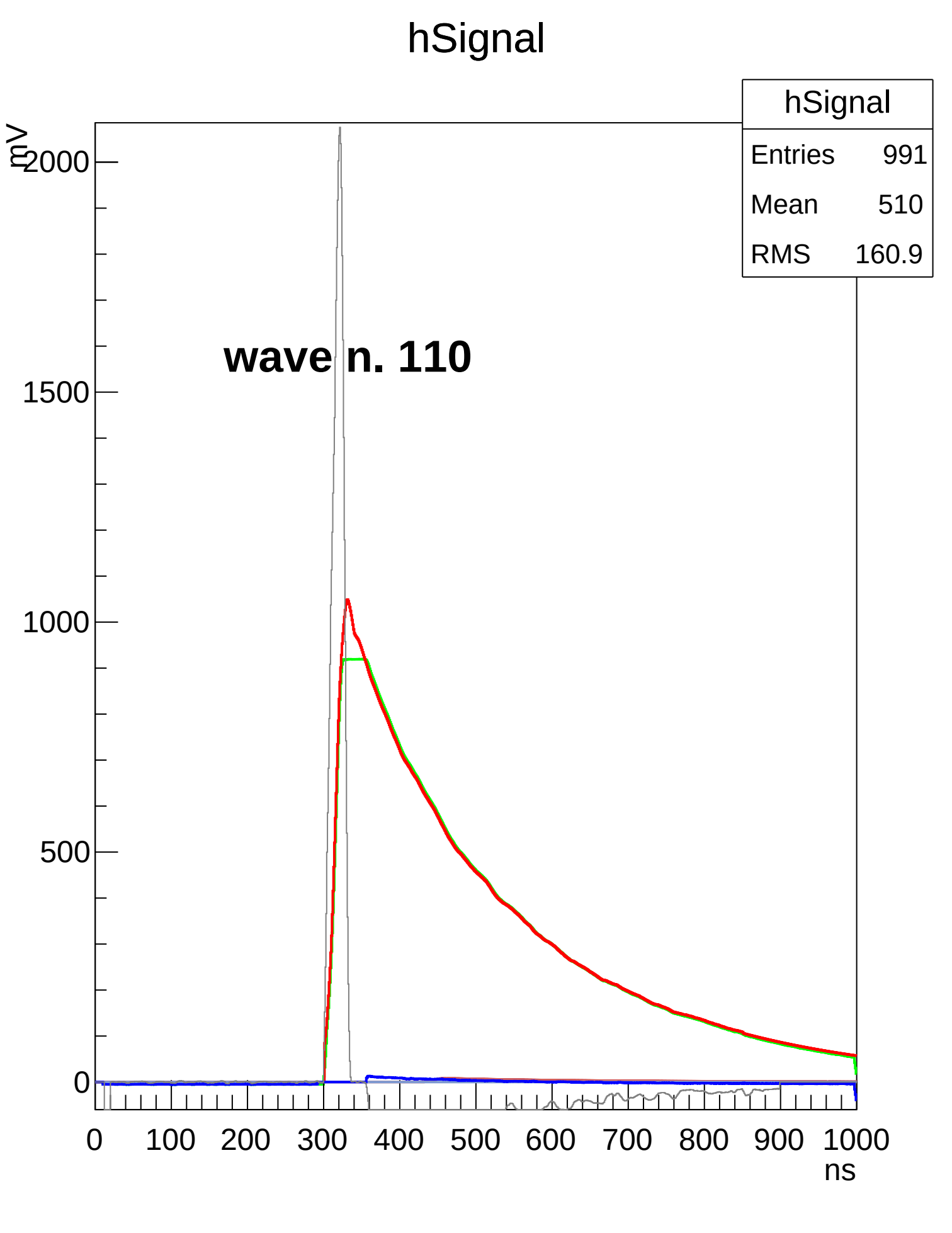
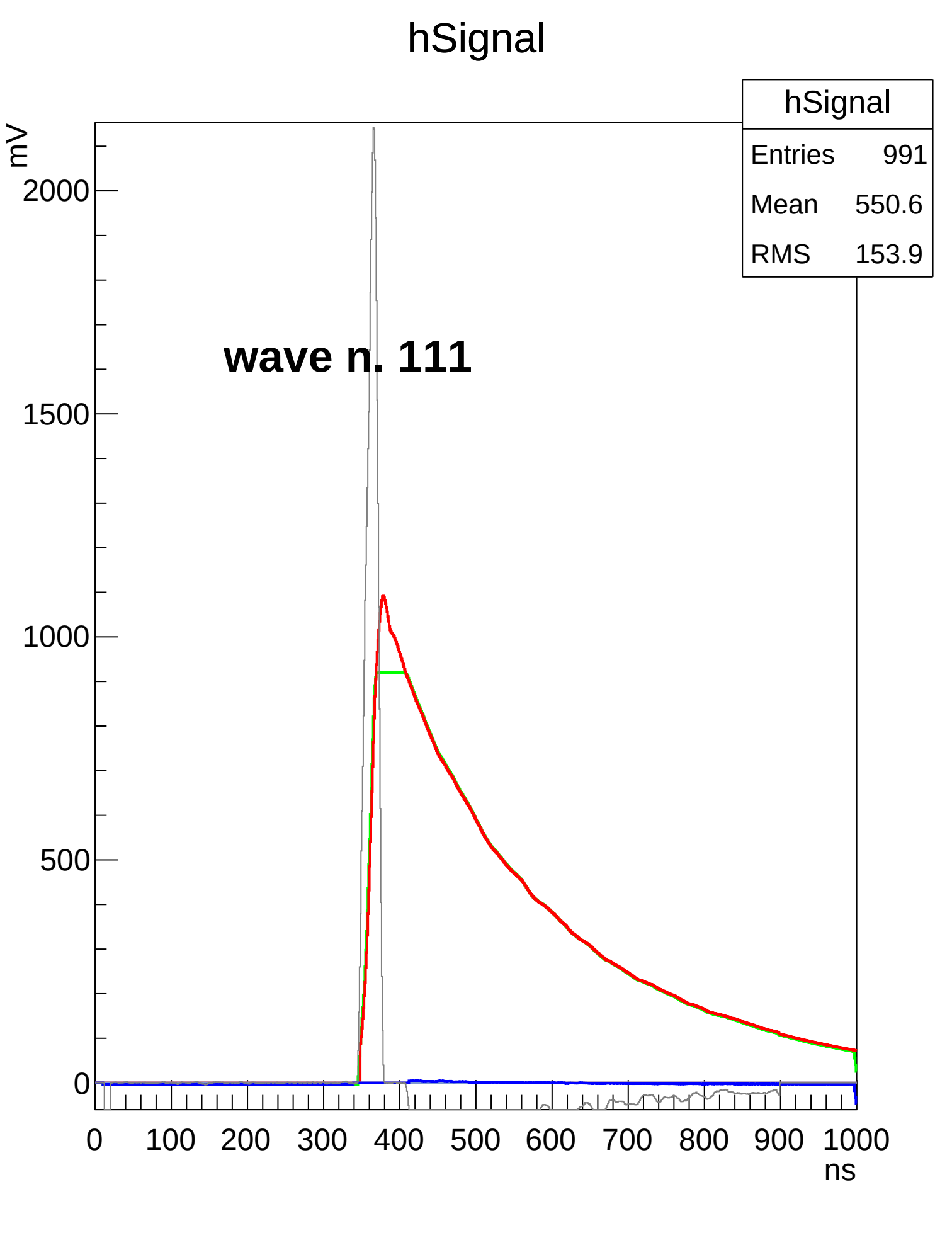
800
900
1000
ns

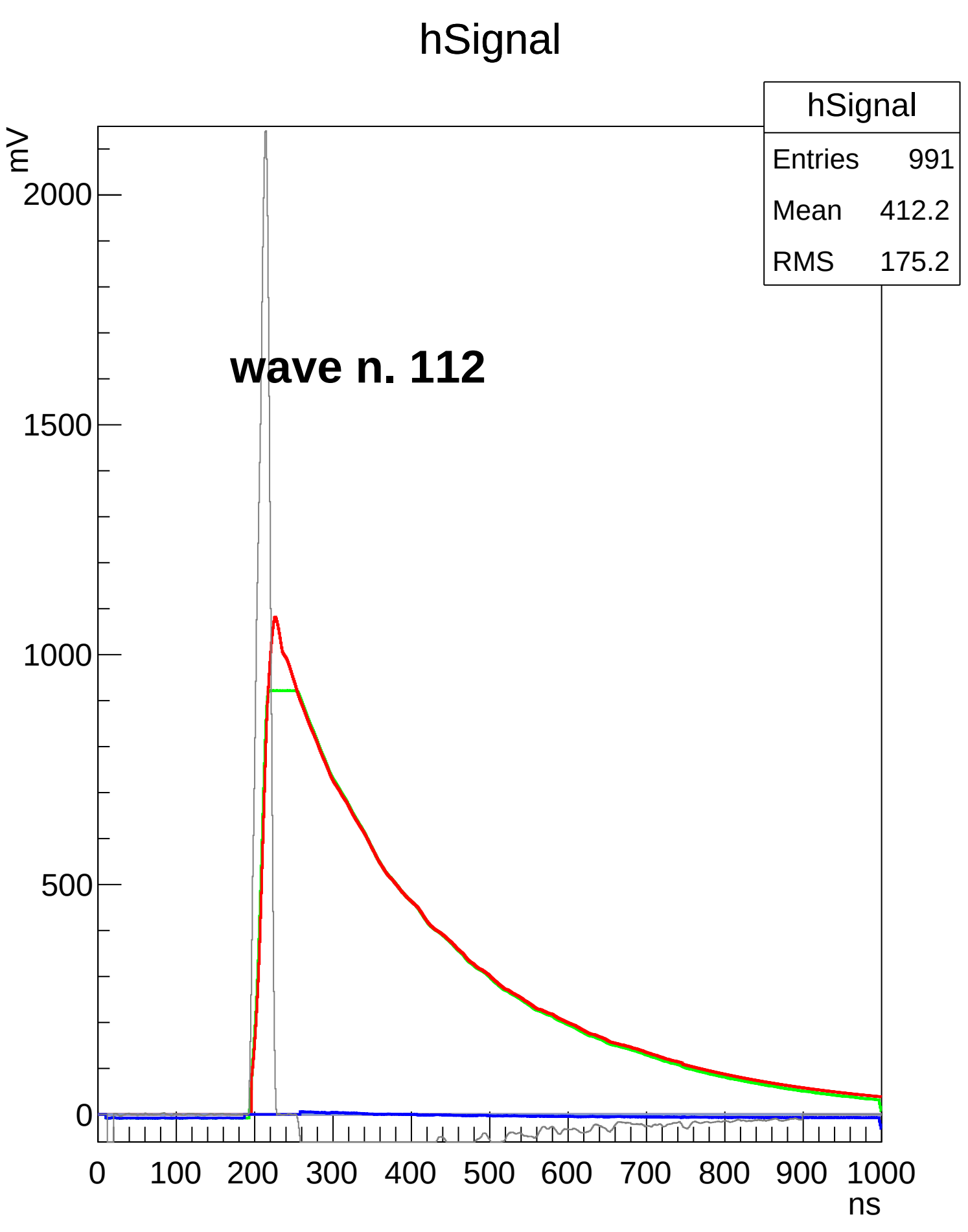

hSignal
hSignal
Entries 991
Mean 616.2
RMS 139.5
wave n. 107
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 560
RMS 152.4
wave n. 108
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 540.8
RMS 184.9
wave n. 109
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510
RMS 160.9
wave n. 110
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 550.6
RMS 153.9
wave n. 111
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 412.2
RMS 175.2
wave n. 112
mV
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1500
1000
500
0
0
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200
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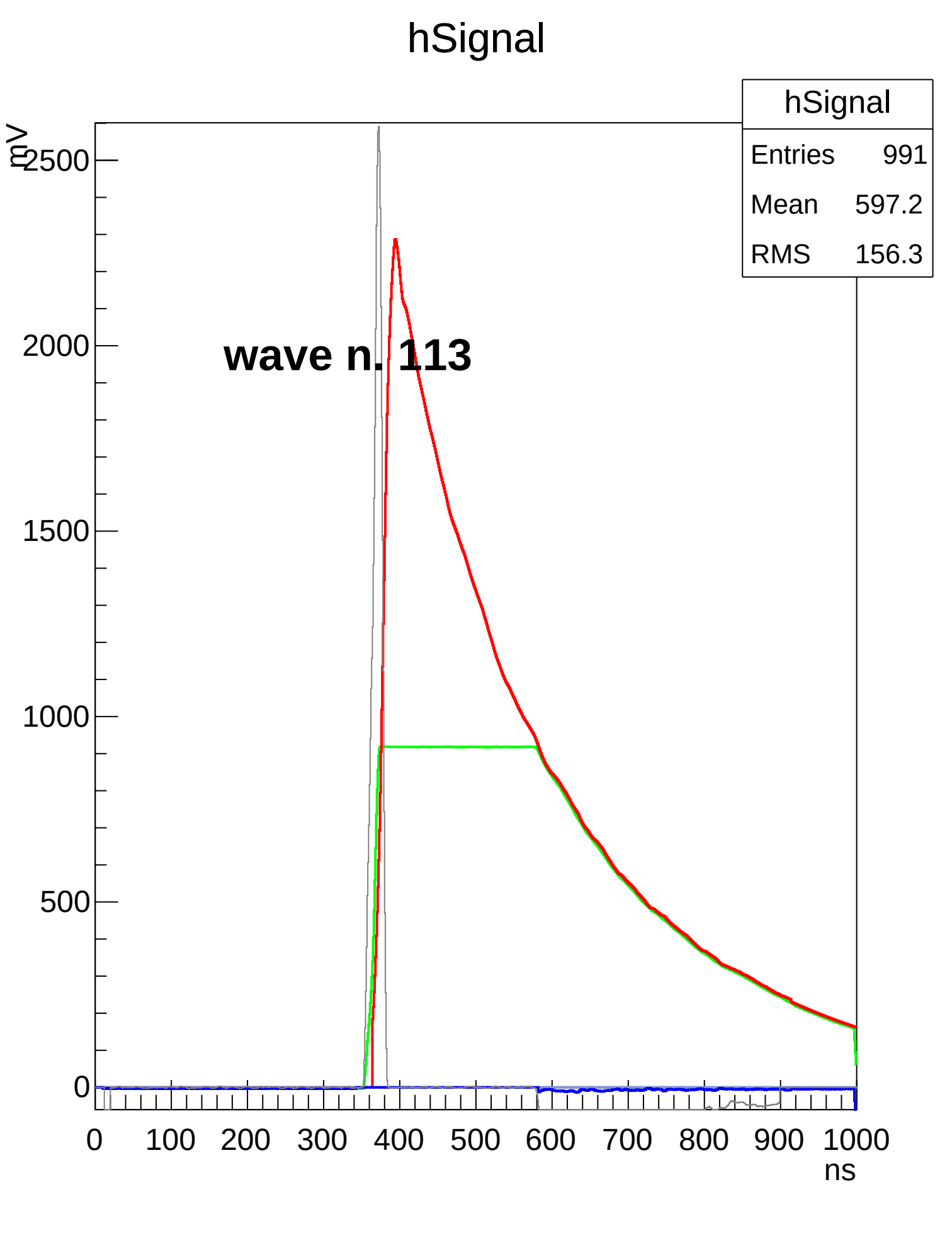
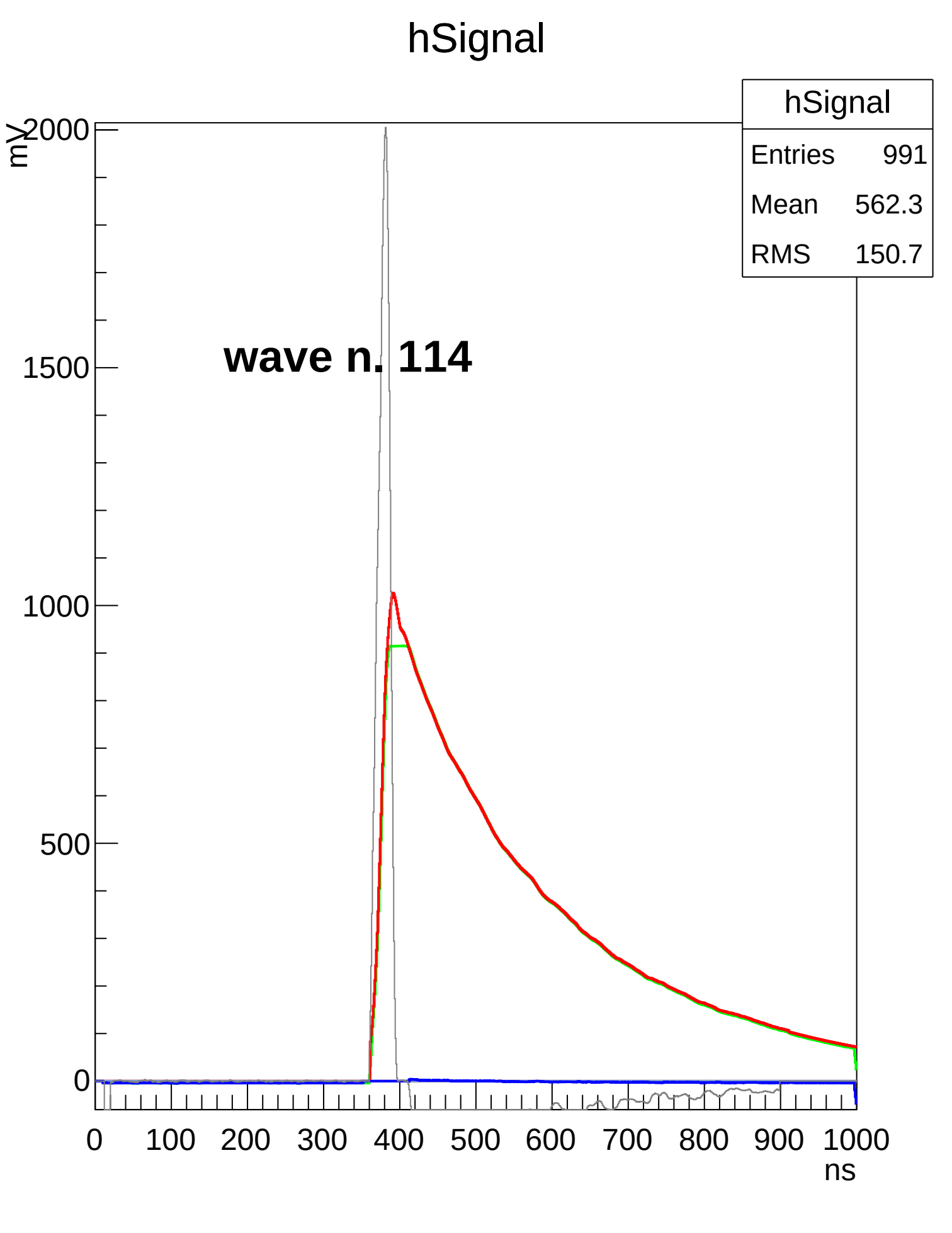
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597.2
RMS 156.3
wave n. 113
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 562.3
RMS 150.7
wave n. 114
mV
2000
1500
1000
500
0
0
100
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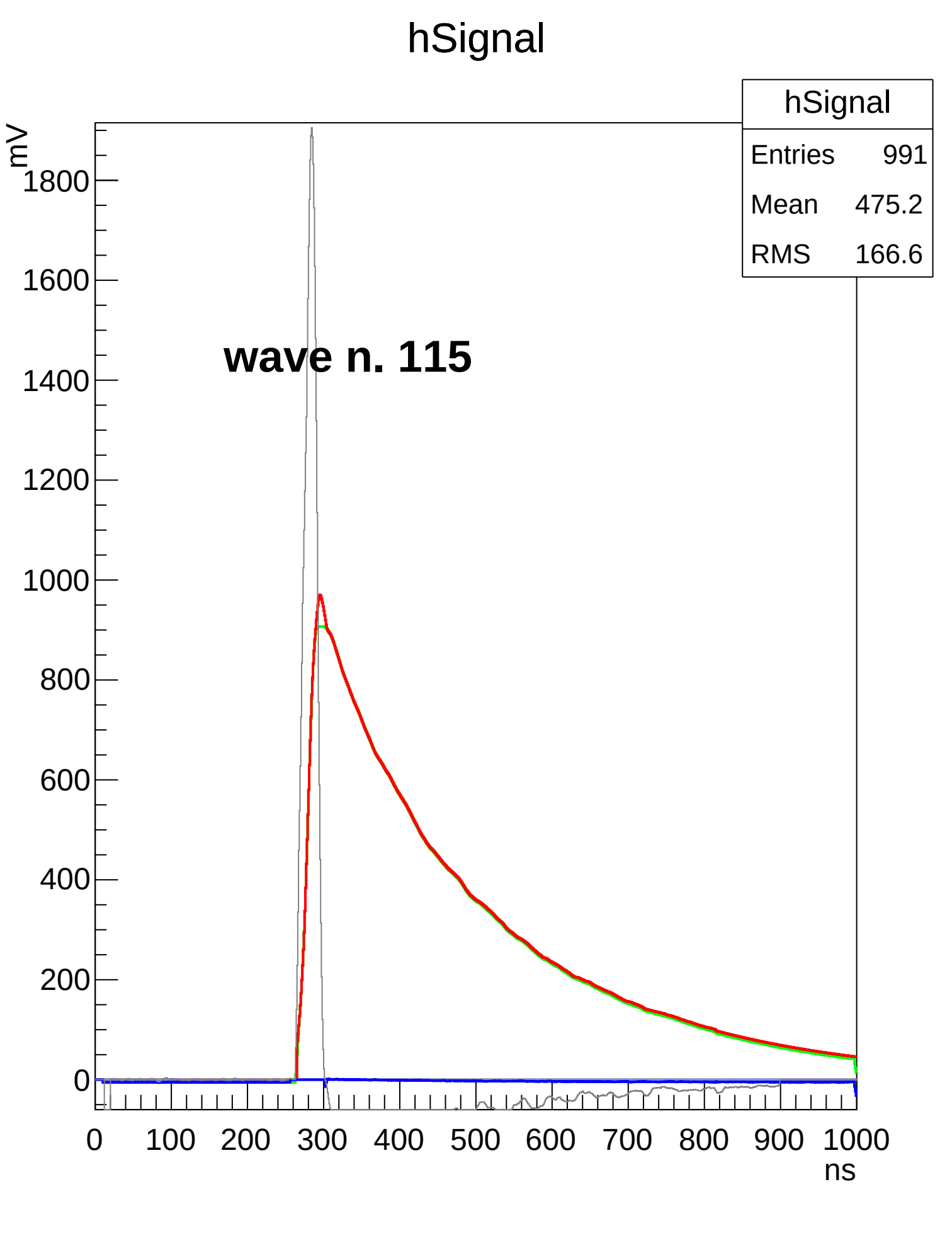
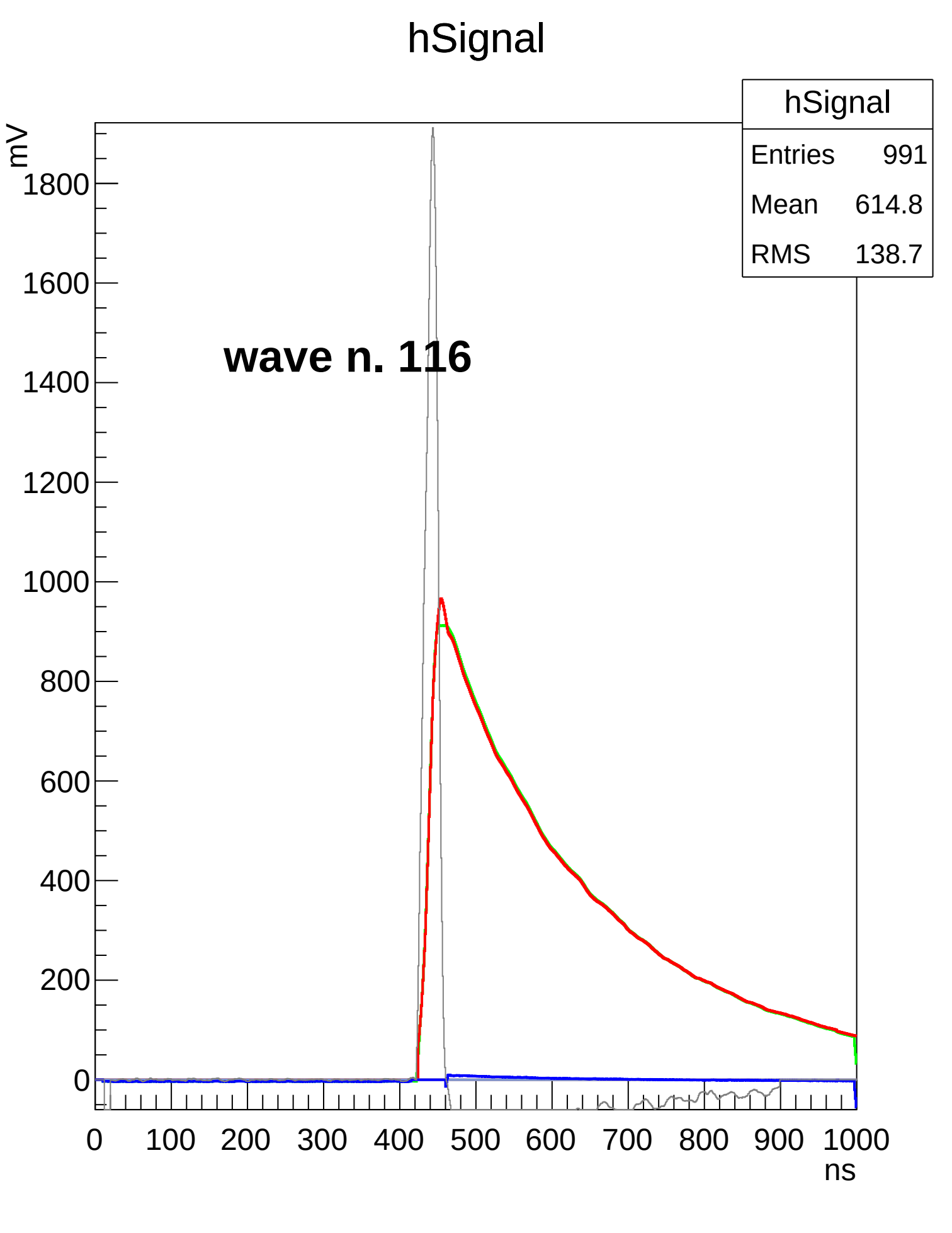
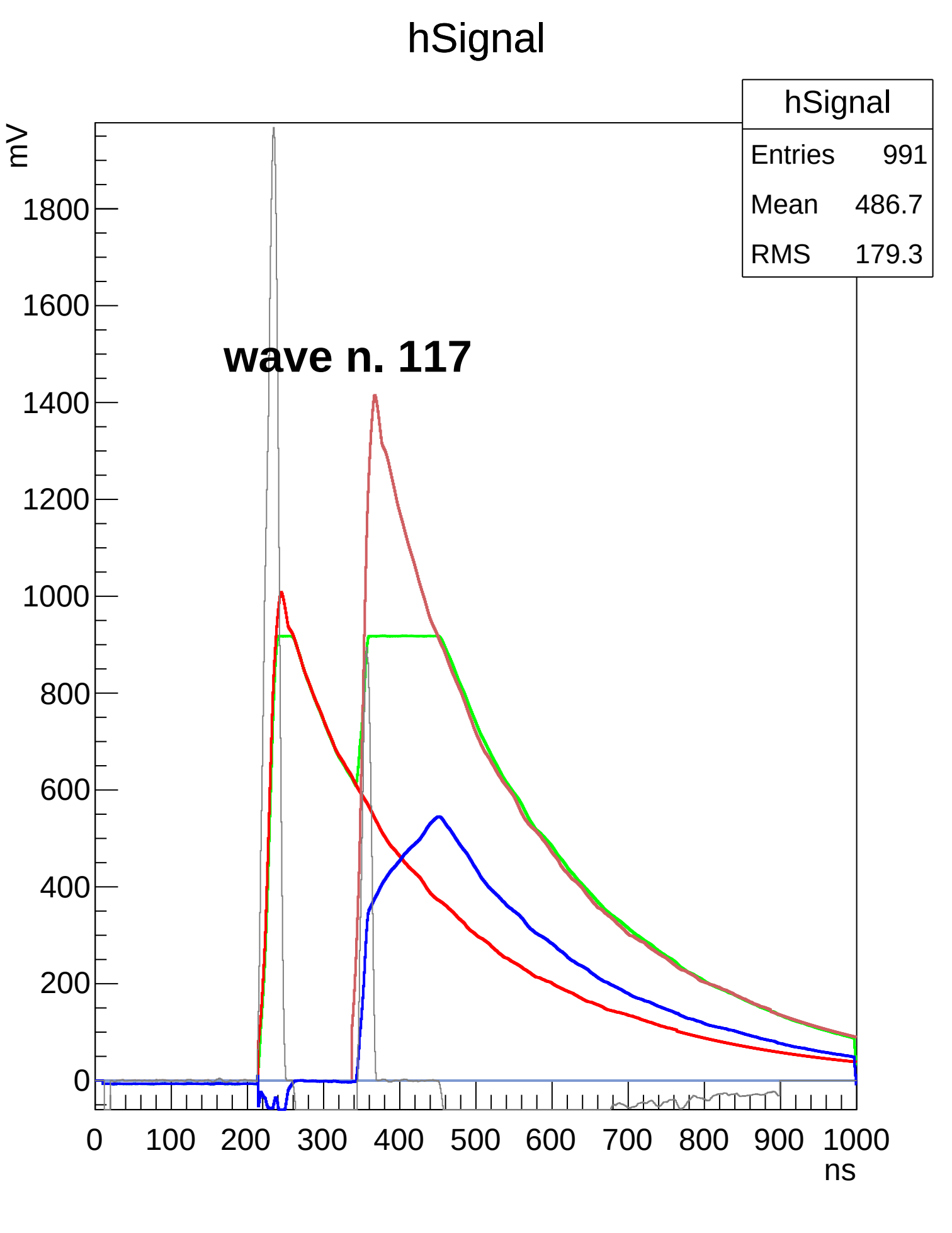
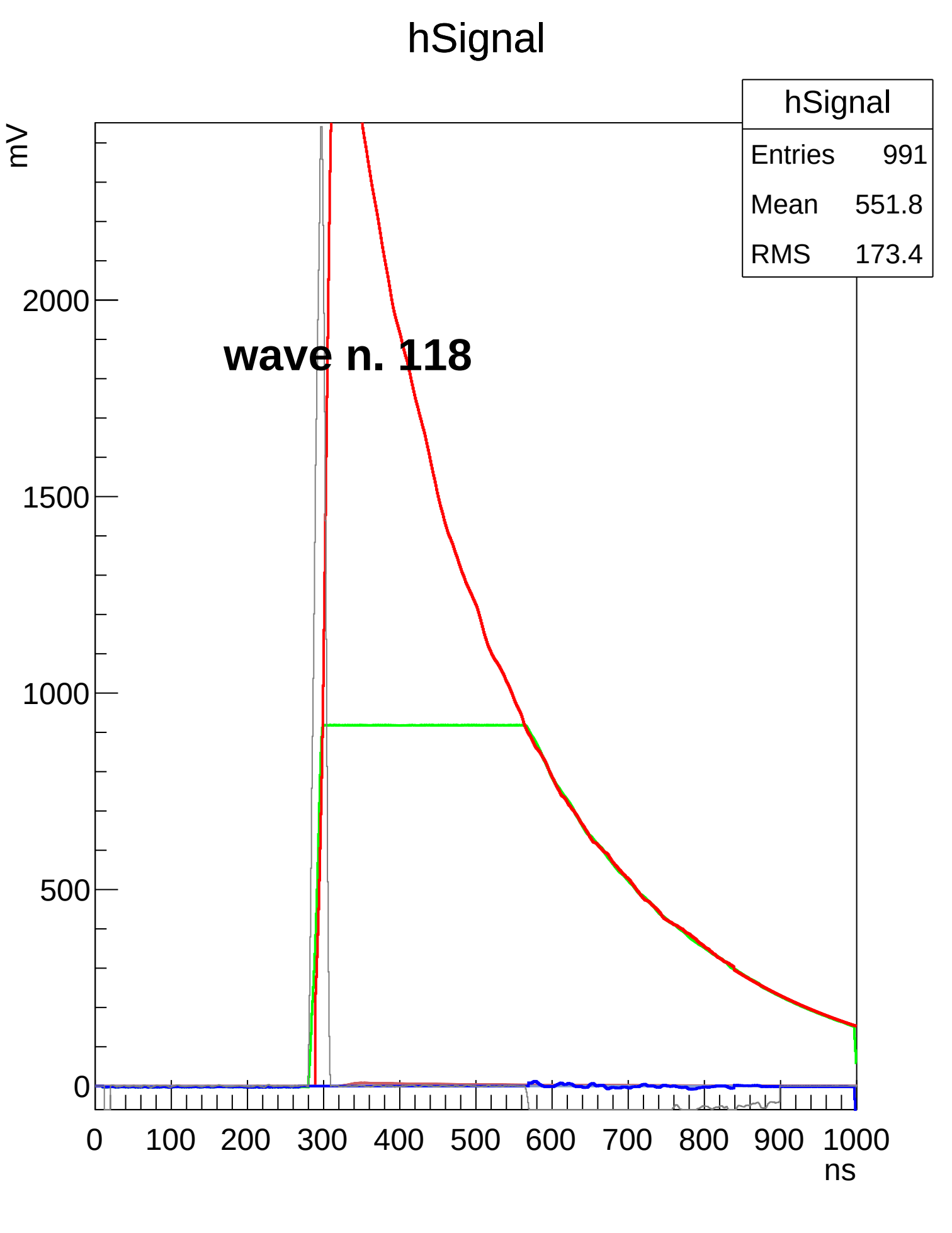
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 475.2
RMS 166.6
wave n. 115
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 614.8
RMS 138.7
wave n. 116
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486.7
RMS 179.3
wave n. 117
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 551.8
RMS 173.4
wave n. 118
mV
2000
1500
1000
500
0
0
100
200
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400
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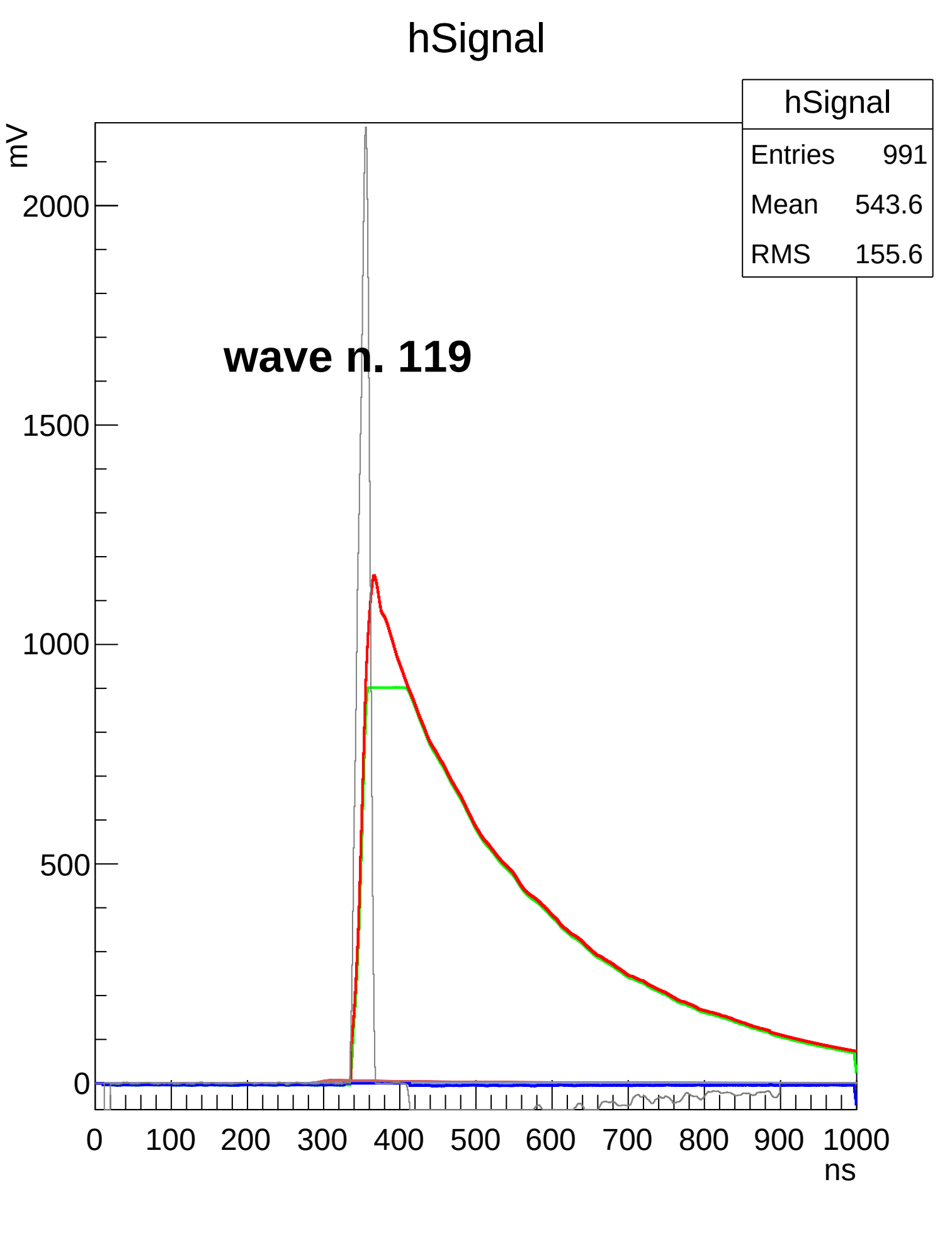
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 543.6
RMS 155.6
wave n. 119
mV
2000
1500
1000
500
0
0
100
200
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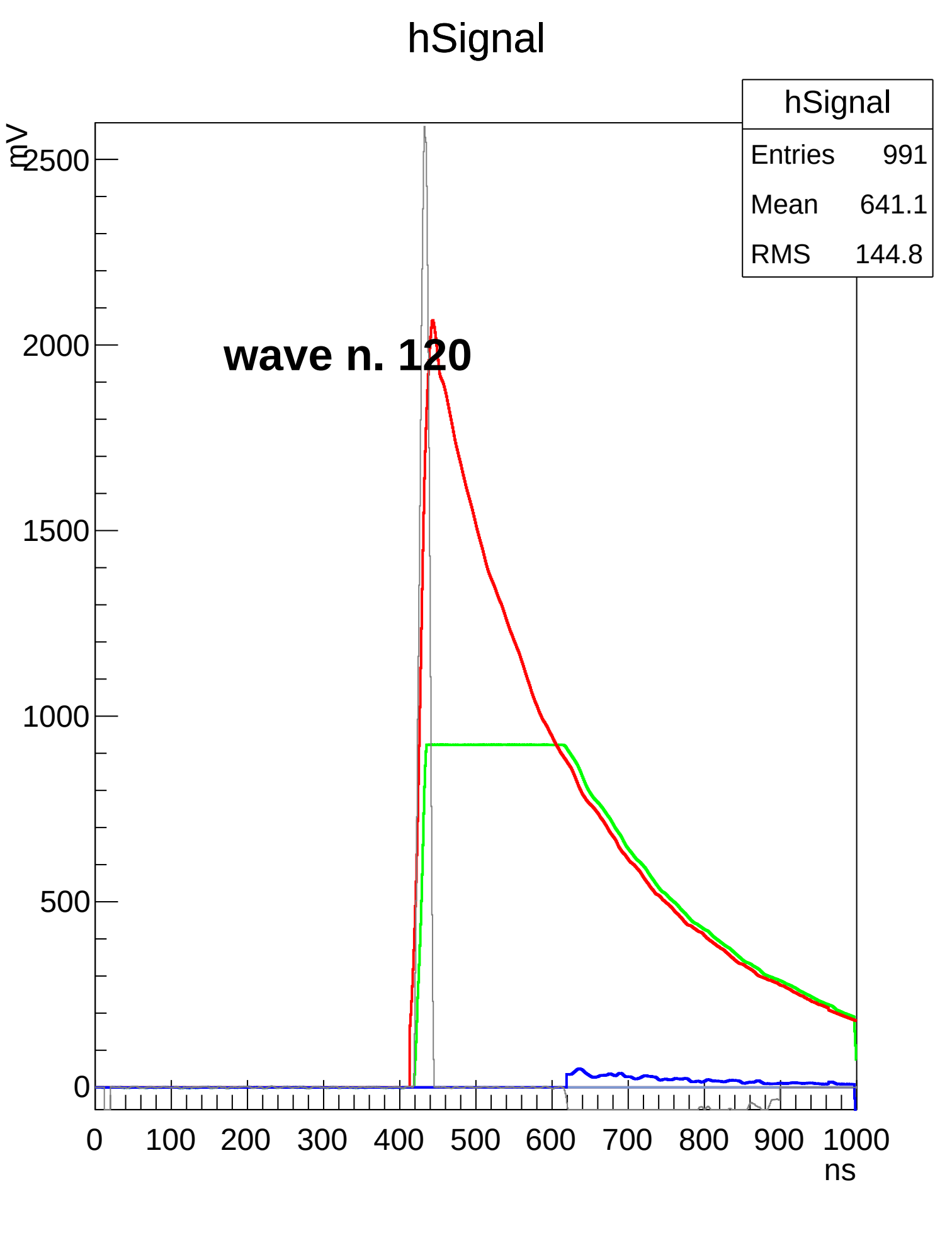
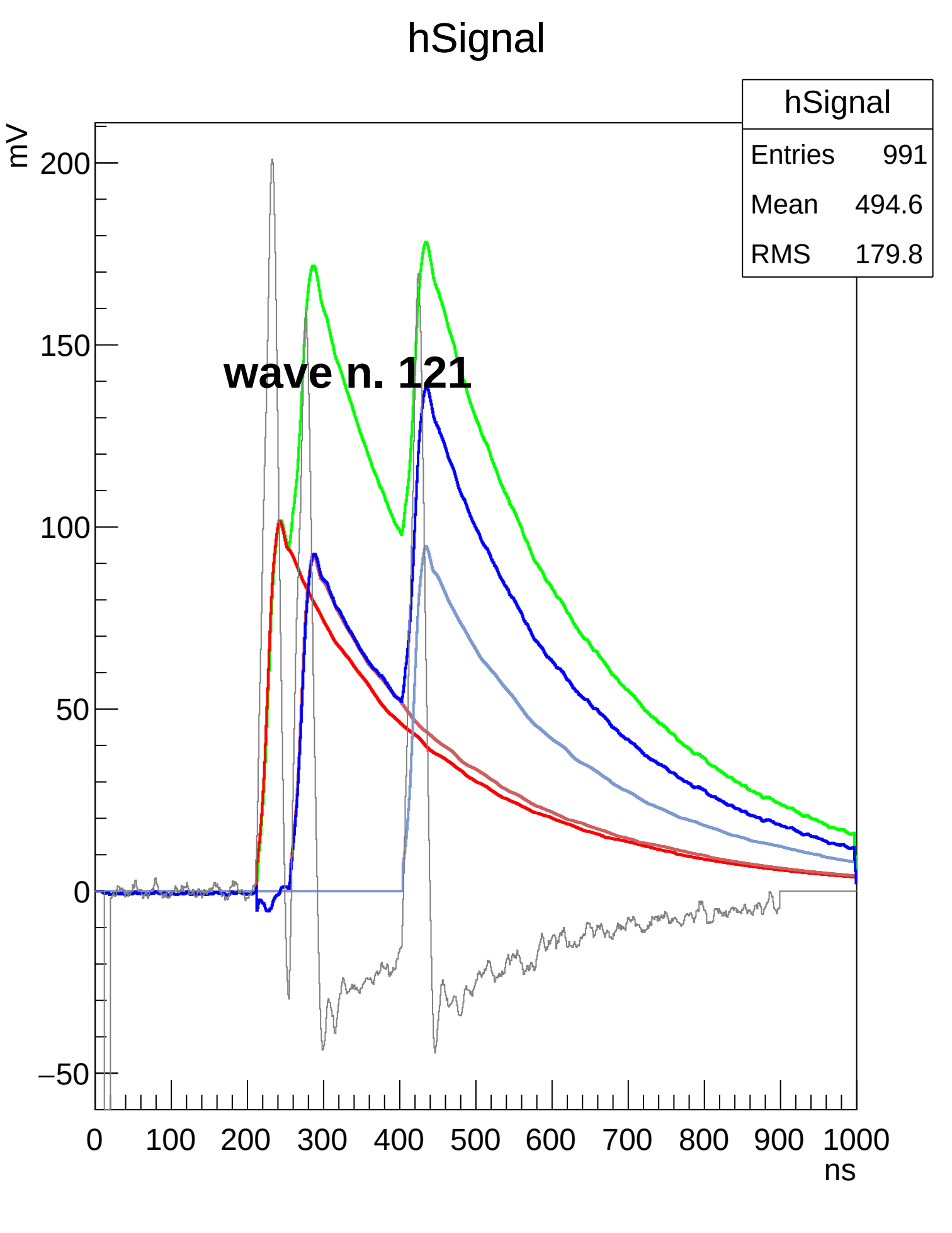
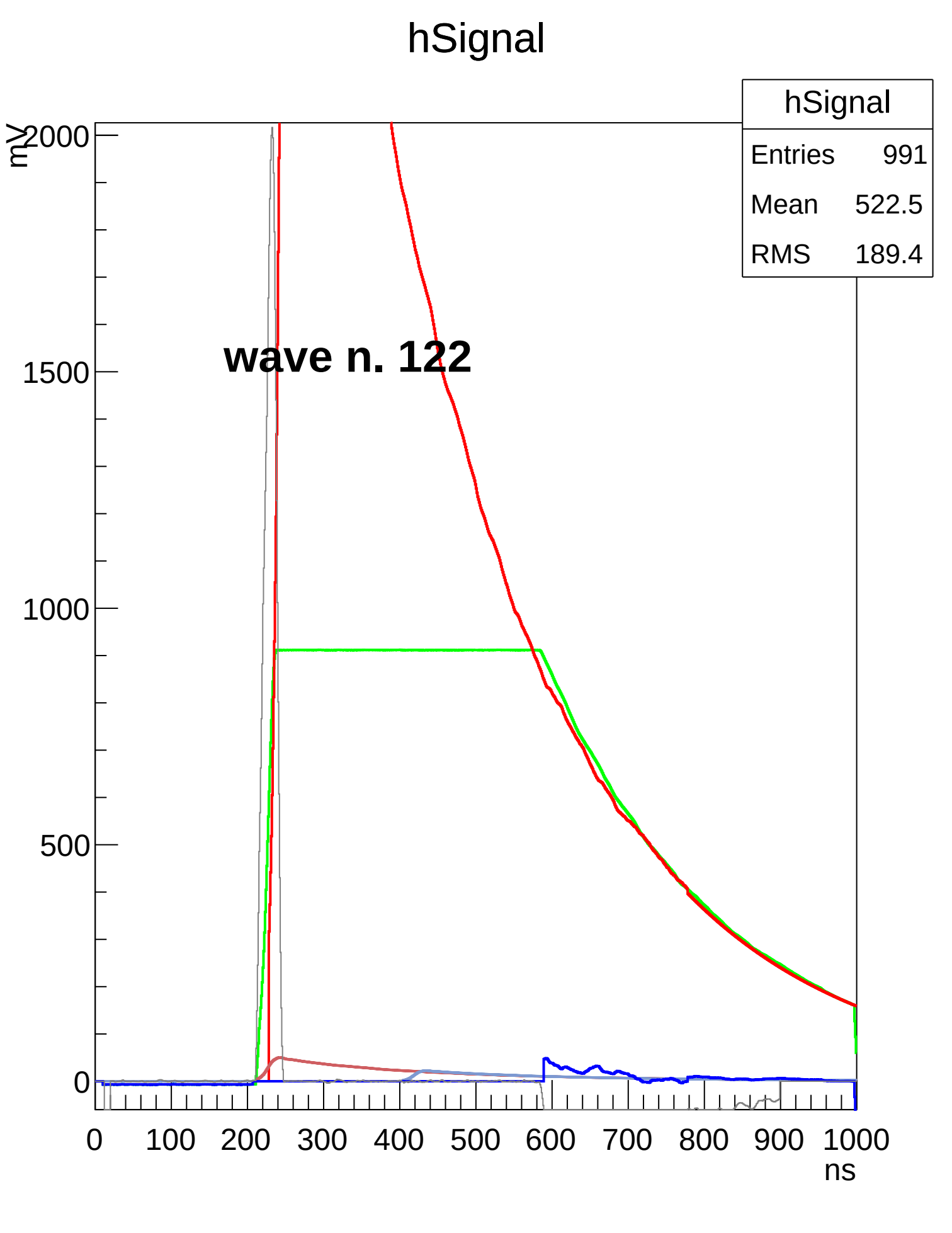
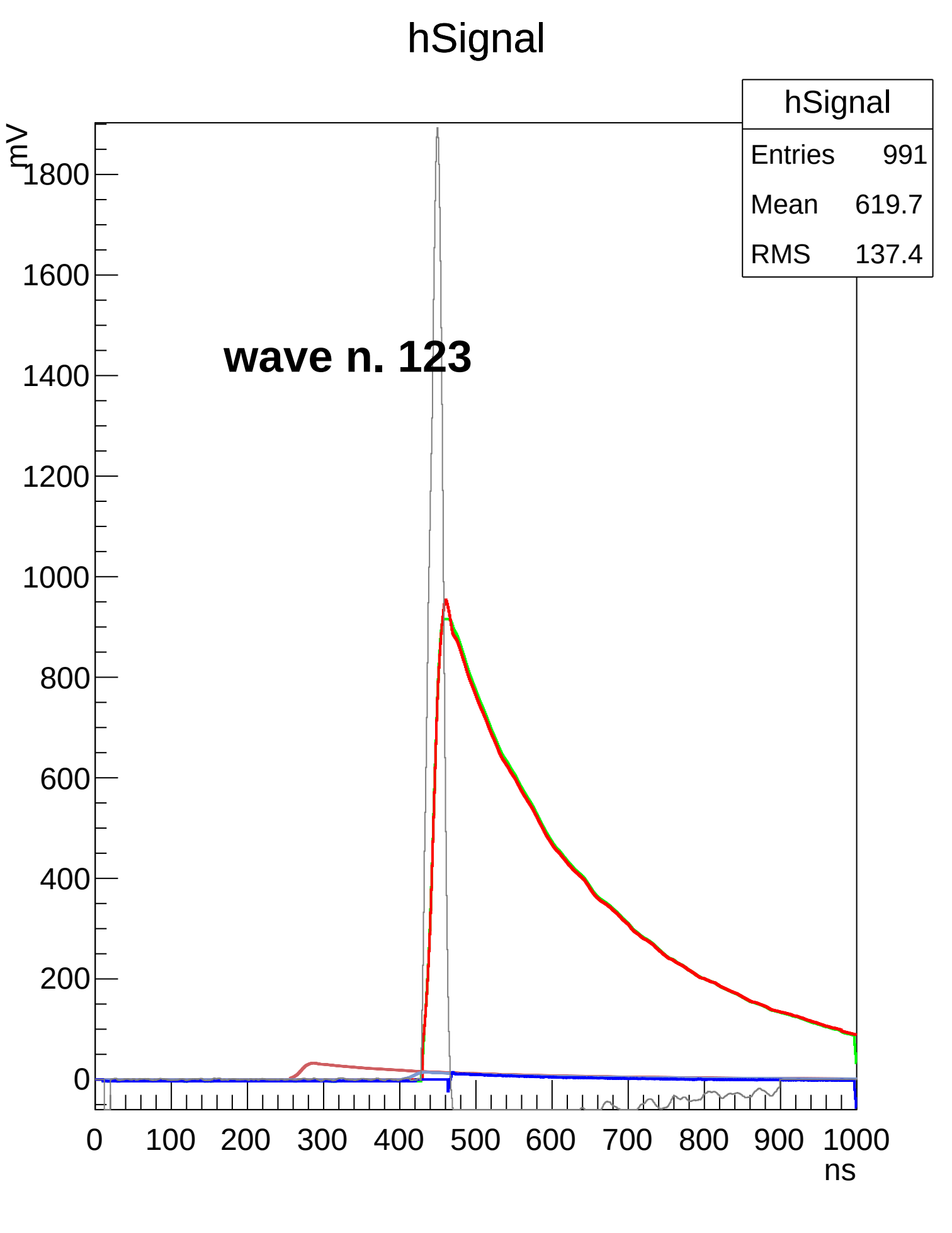
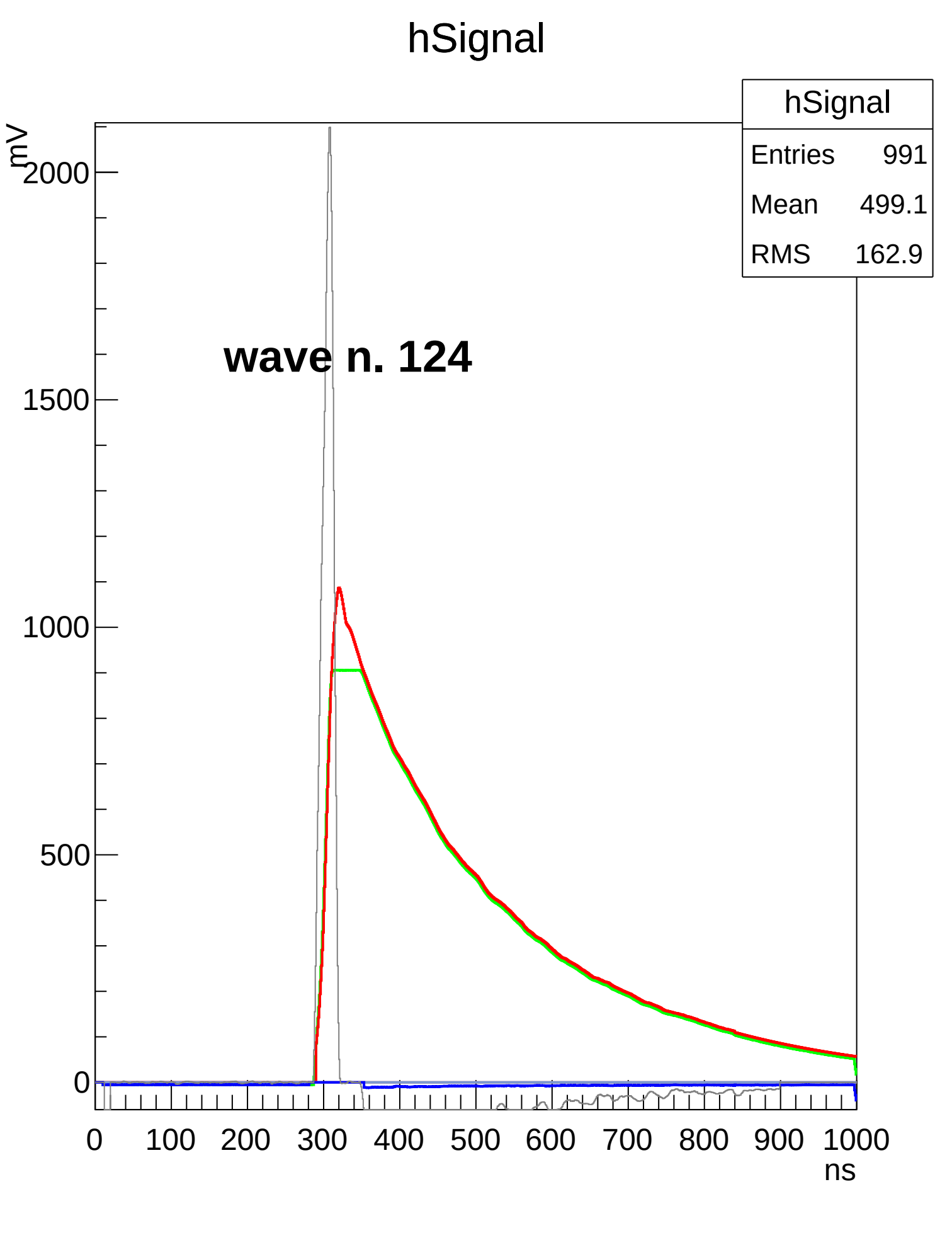
700
800
900
1000
ns

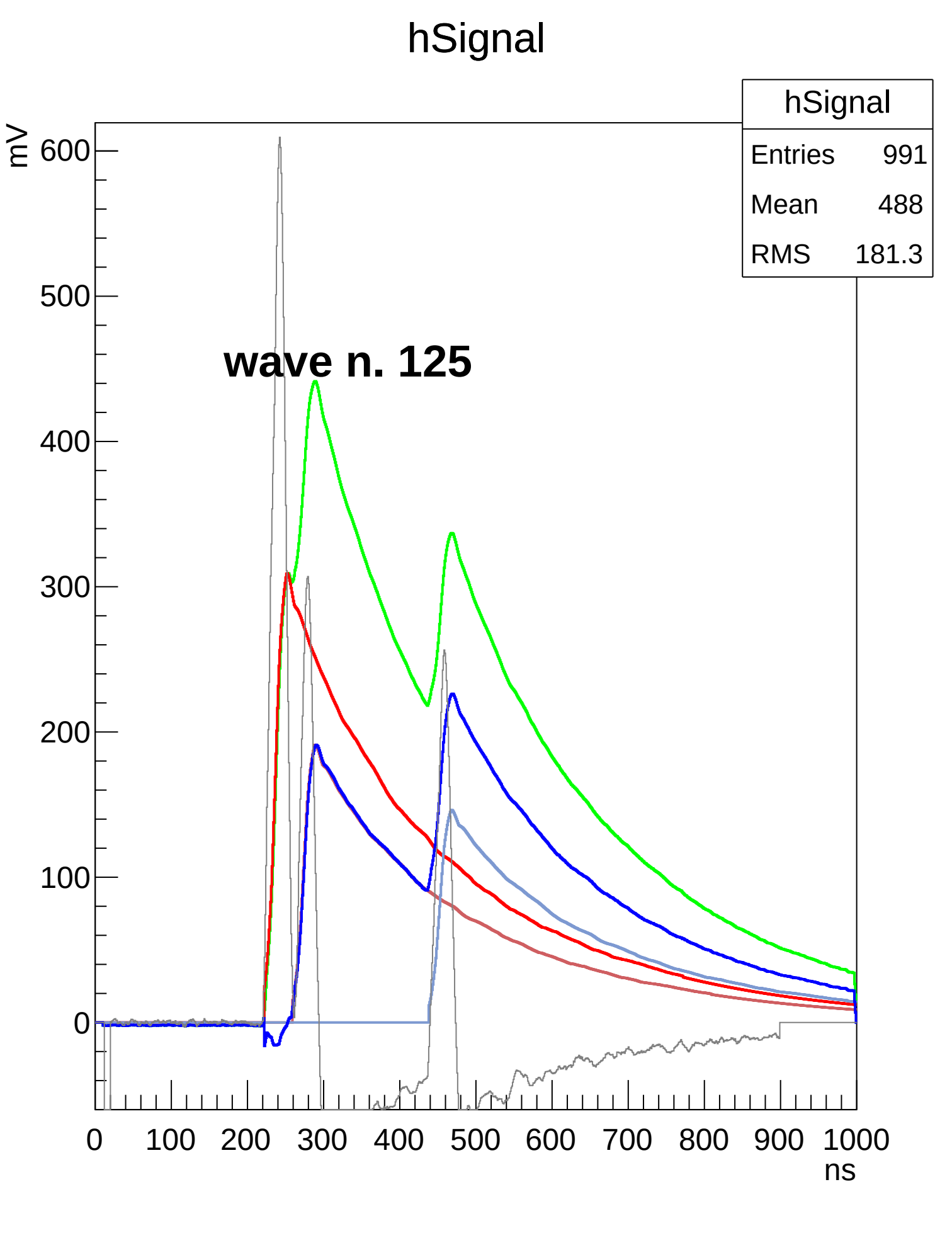

hSignal
hSignal
Entries 991
Mean 641.1
RMS 144.8
wave n. 120
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

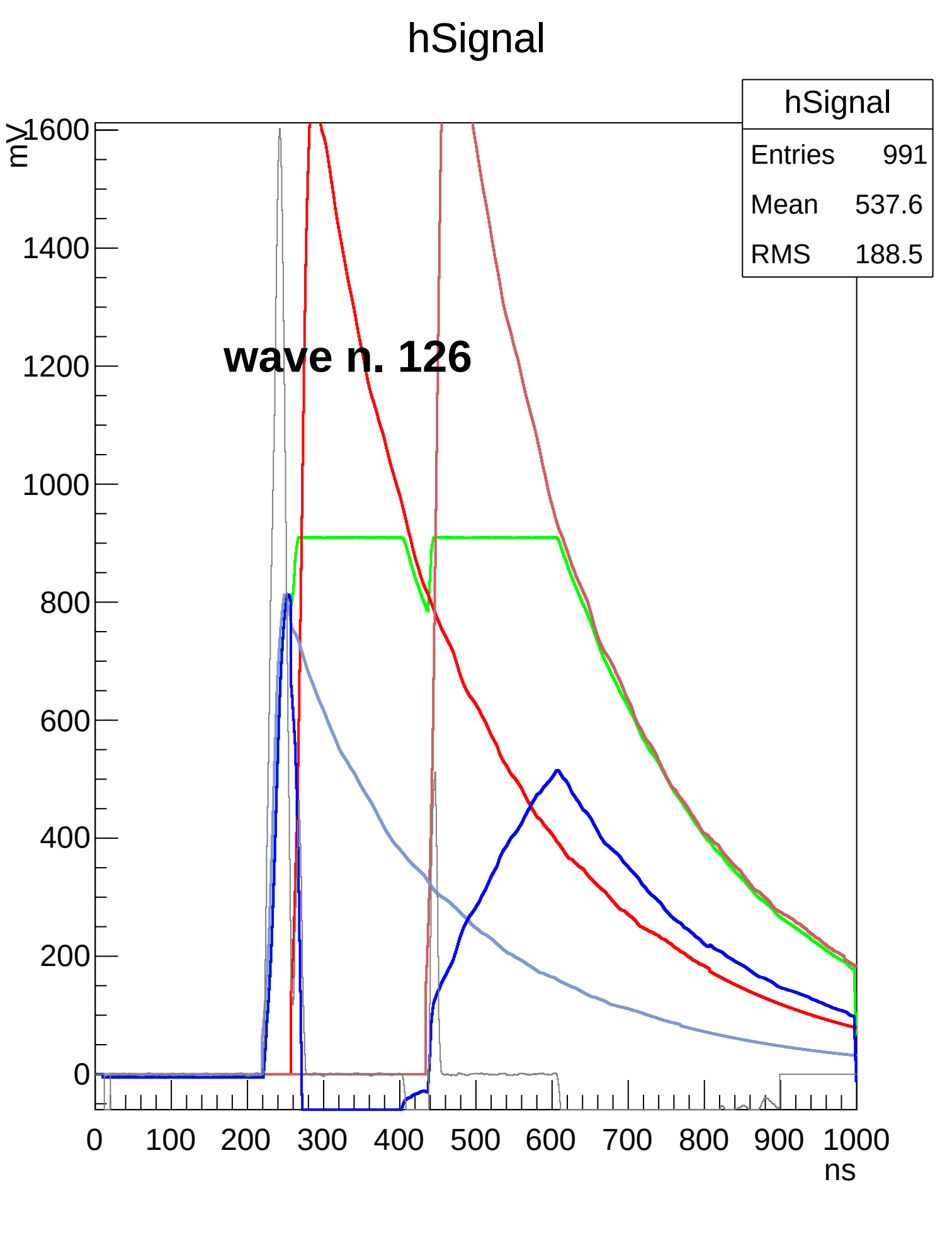

hSignal
hSignal
Entries 991
Mean 494.6
RMS 179.8
wave n. 121
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

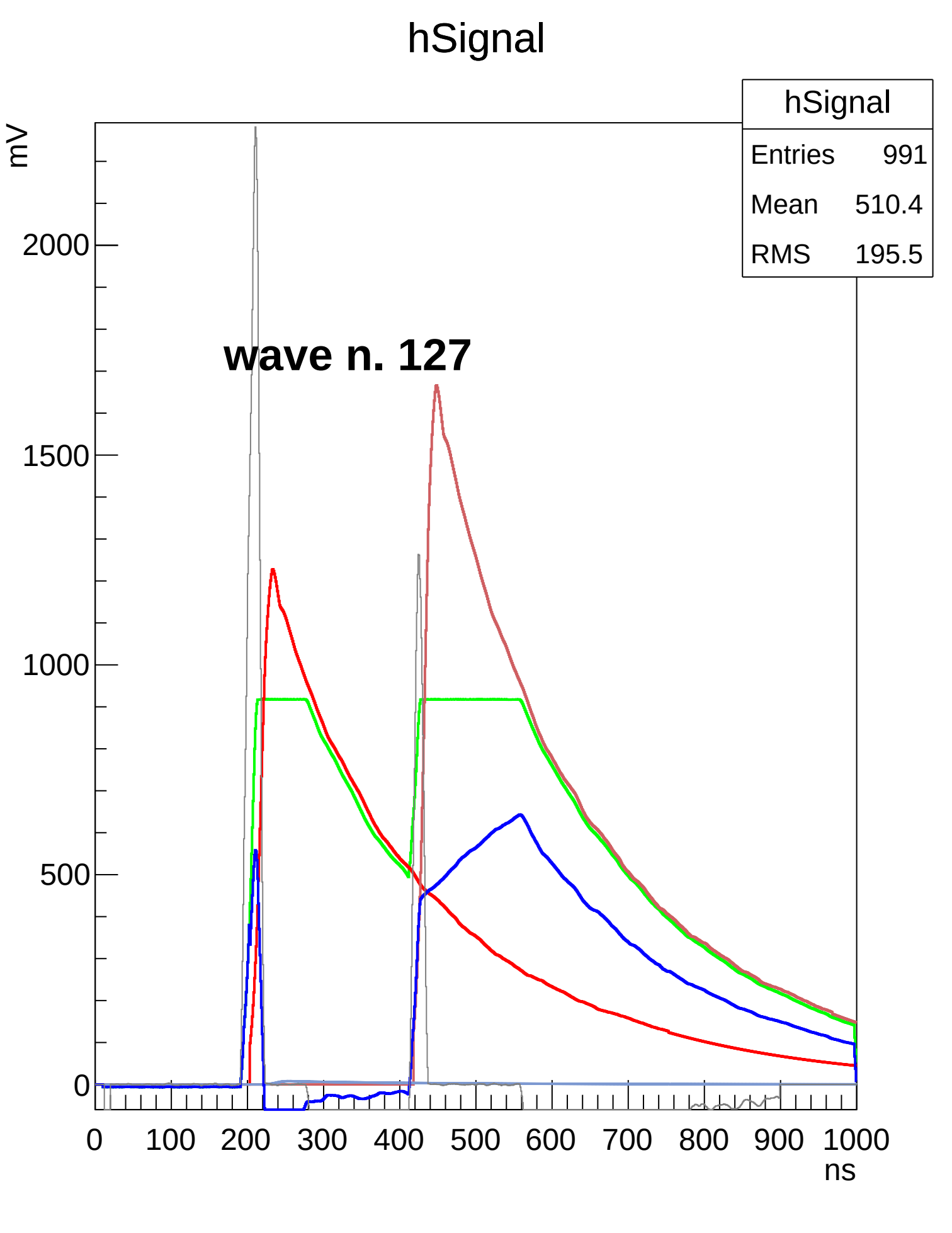

hSignal
hSignal
Entries 991
Mean 522.5
RMS 189.4
wave n. 122
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

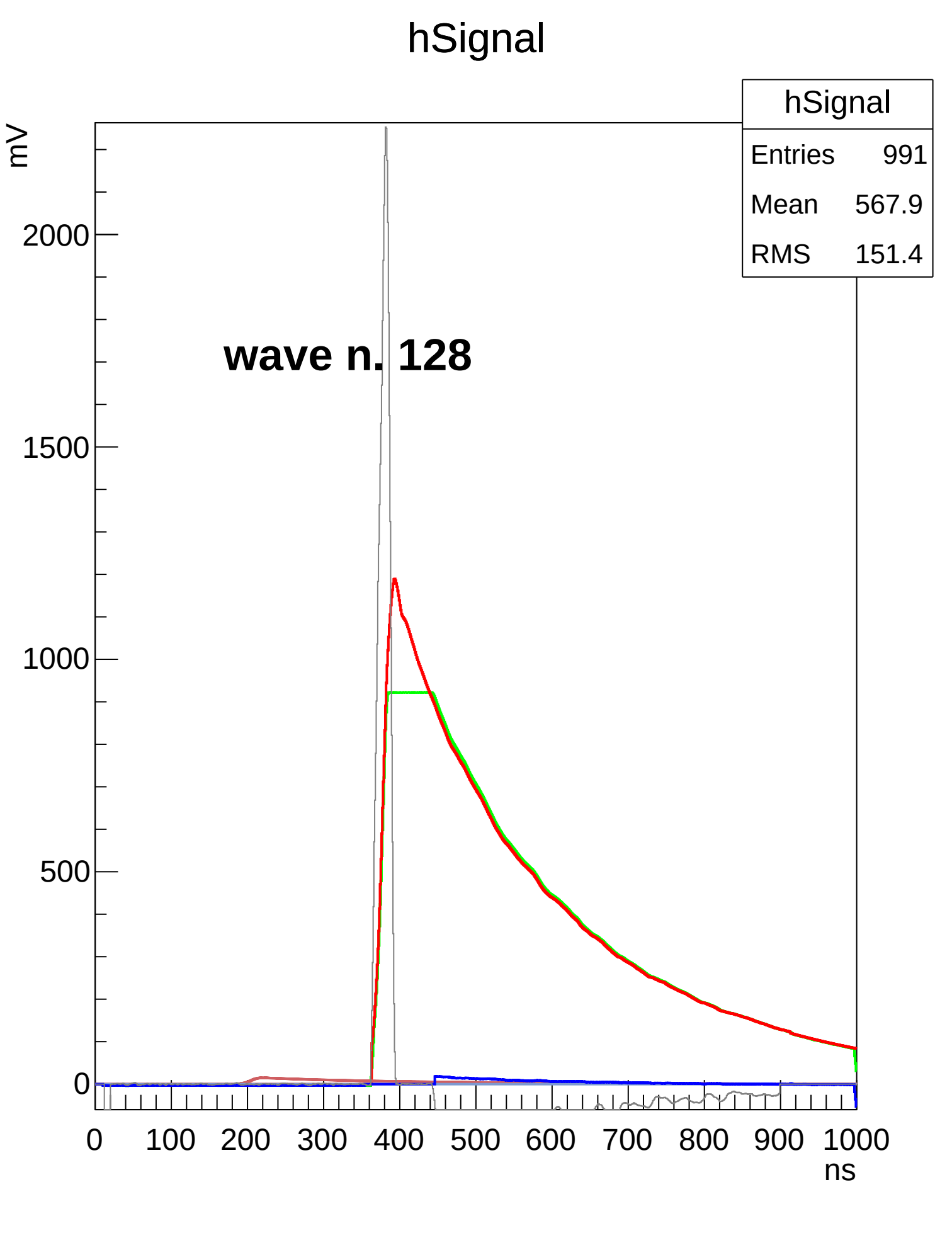

hSignal
hSignal
Entries 991
Mean 619.7
RMS 137.4
wave n. 123
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

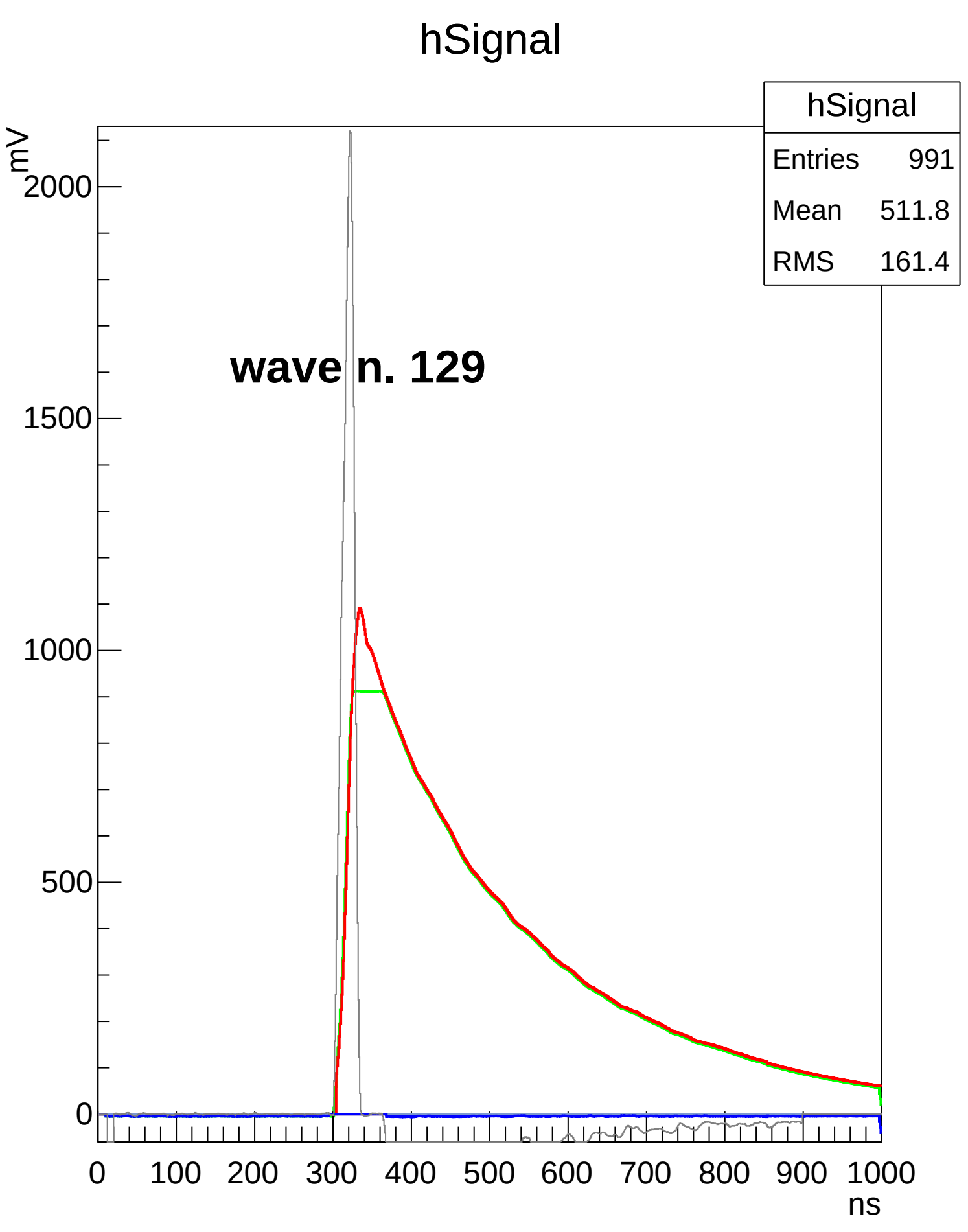

hSignal
hSignal
Entries 991
Mean 499.1
RMS 162.9
wave n. 124
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 488
RMS 181.3
wave n. 125
mV
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 537.6
RMS 188.5
wave n. 126
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.4
RMS 195.5
wave n. 127
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 567.9
RMS 151.4
wave n. 128
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 511.8
RMS 161.4
wave n. 129
mV
2000
1500
1000
500
0
0
100
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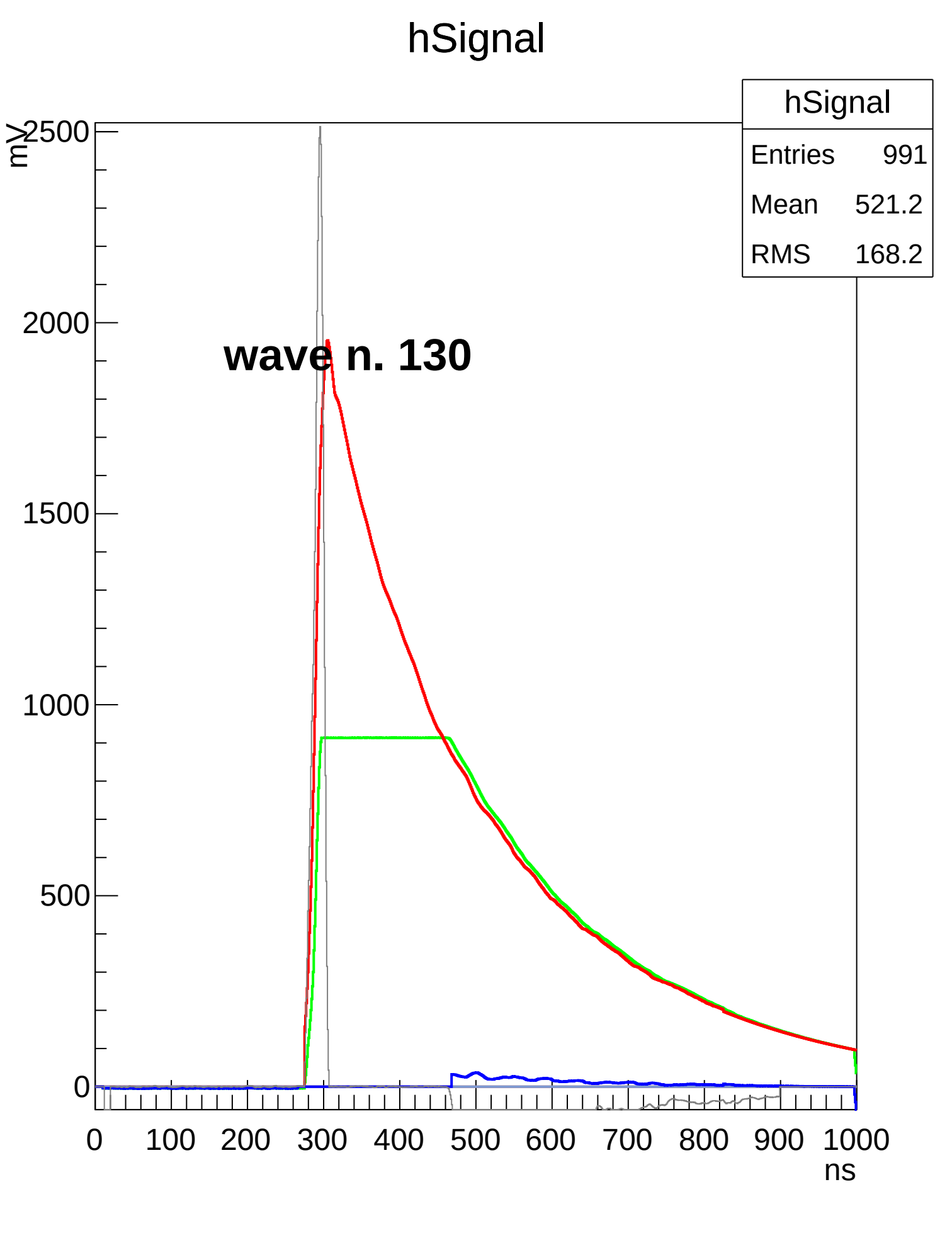
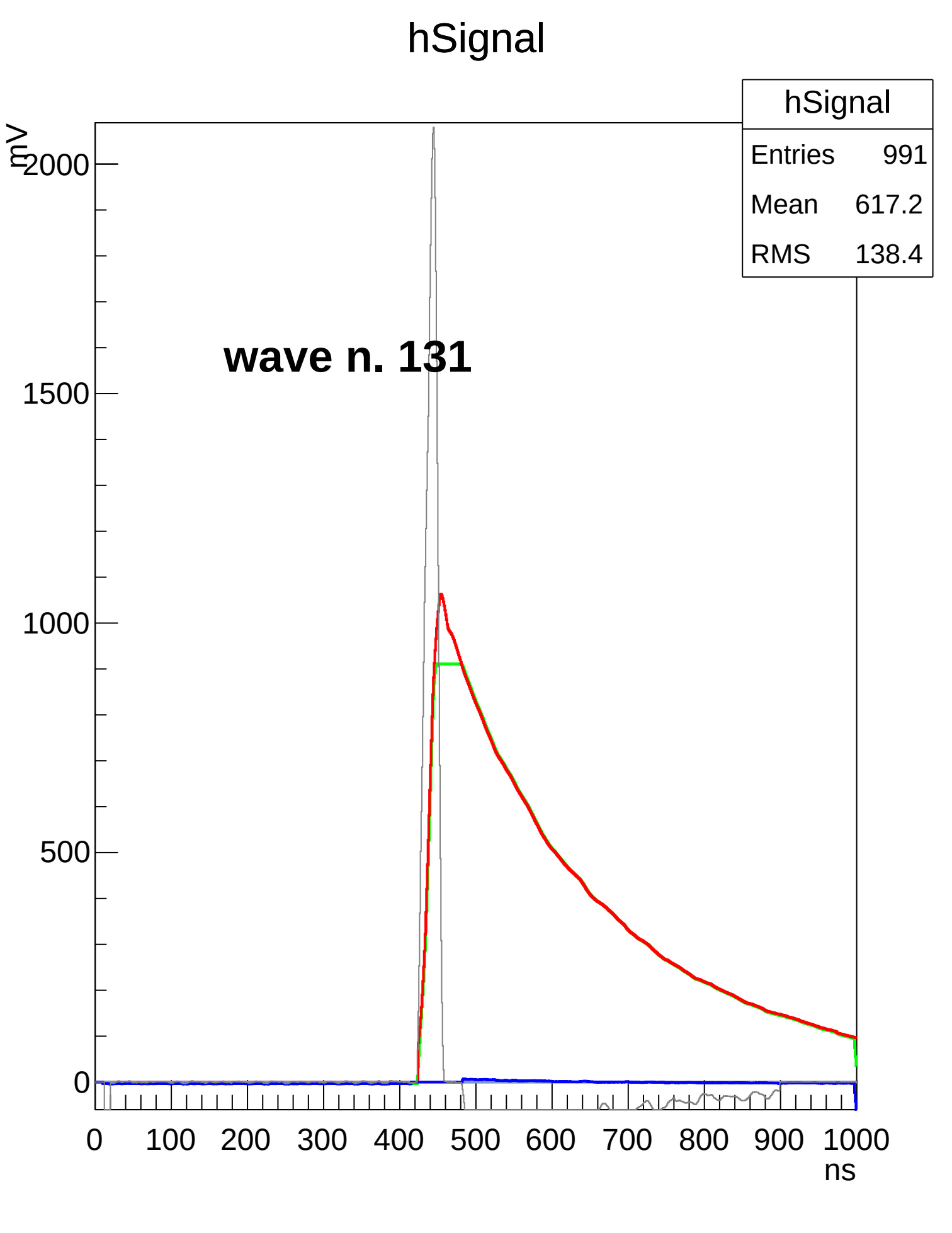
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521.2
RMS 168.2
wave n. 130
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 617.2
RMS 138.4
wave n. 131
mV
2000
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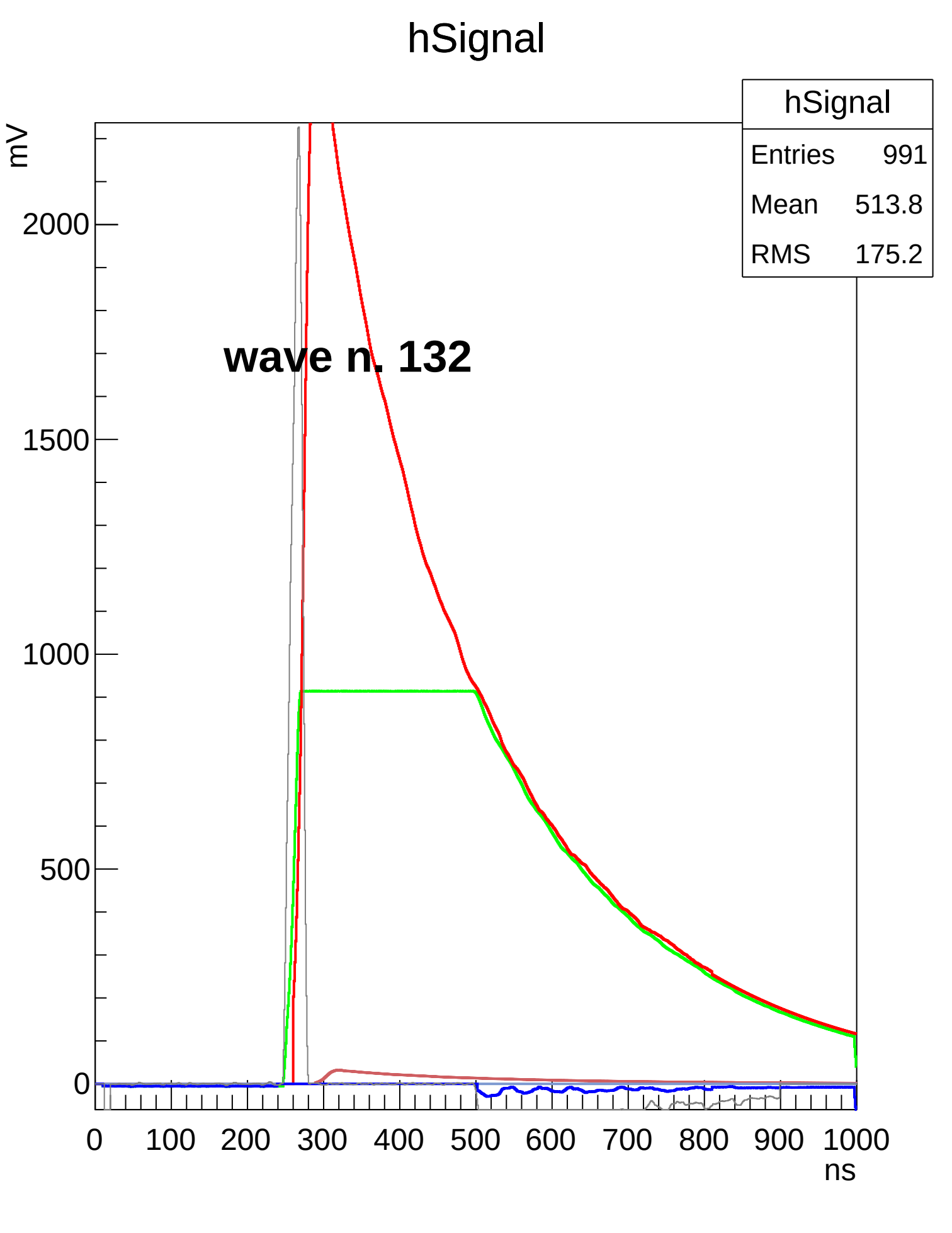
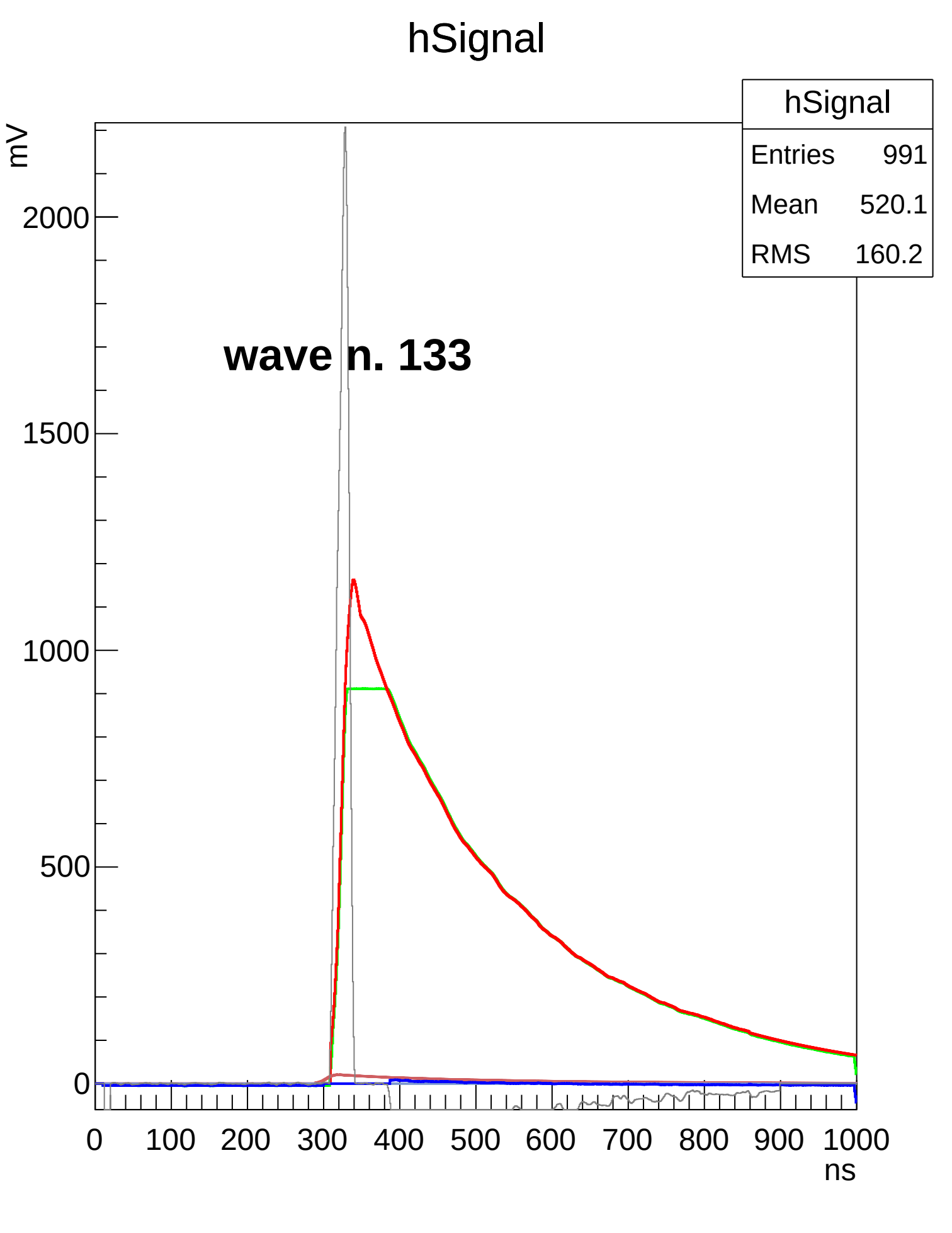
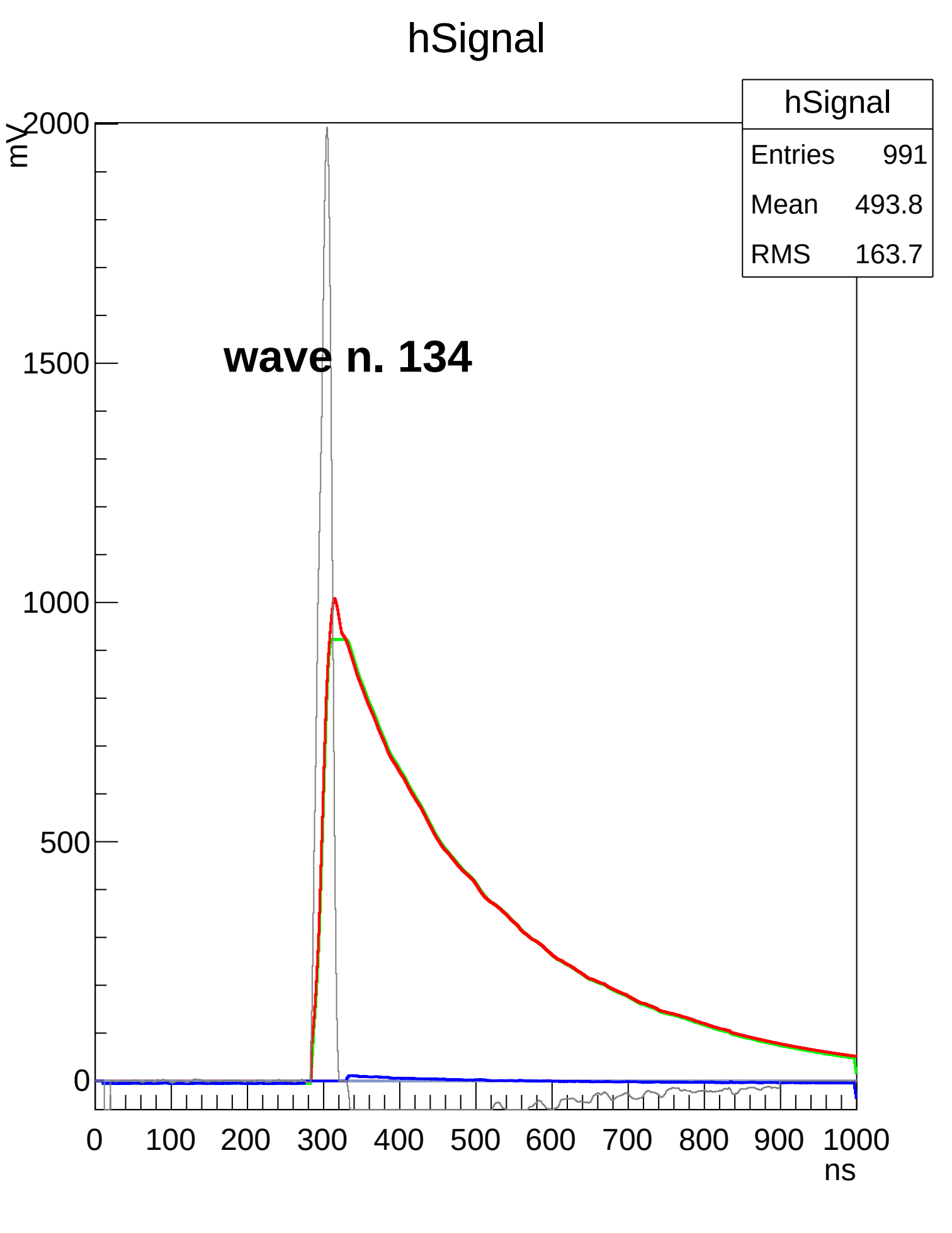
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 513.8
RMS 175.2
wave n. 132
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 520.1
RMS 160.2
wave n. 133
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 493.8
RMS 163.7
wave n. 134
mV
2000
1500
1000
500
0
0
100
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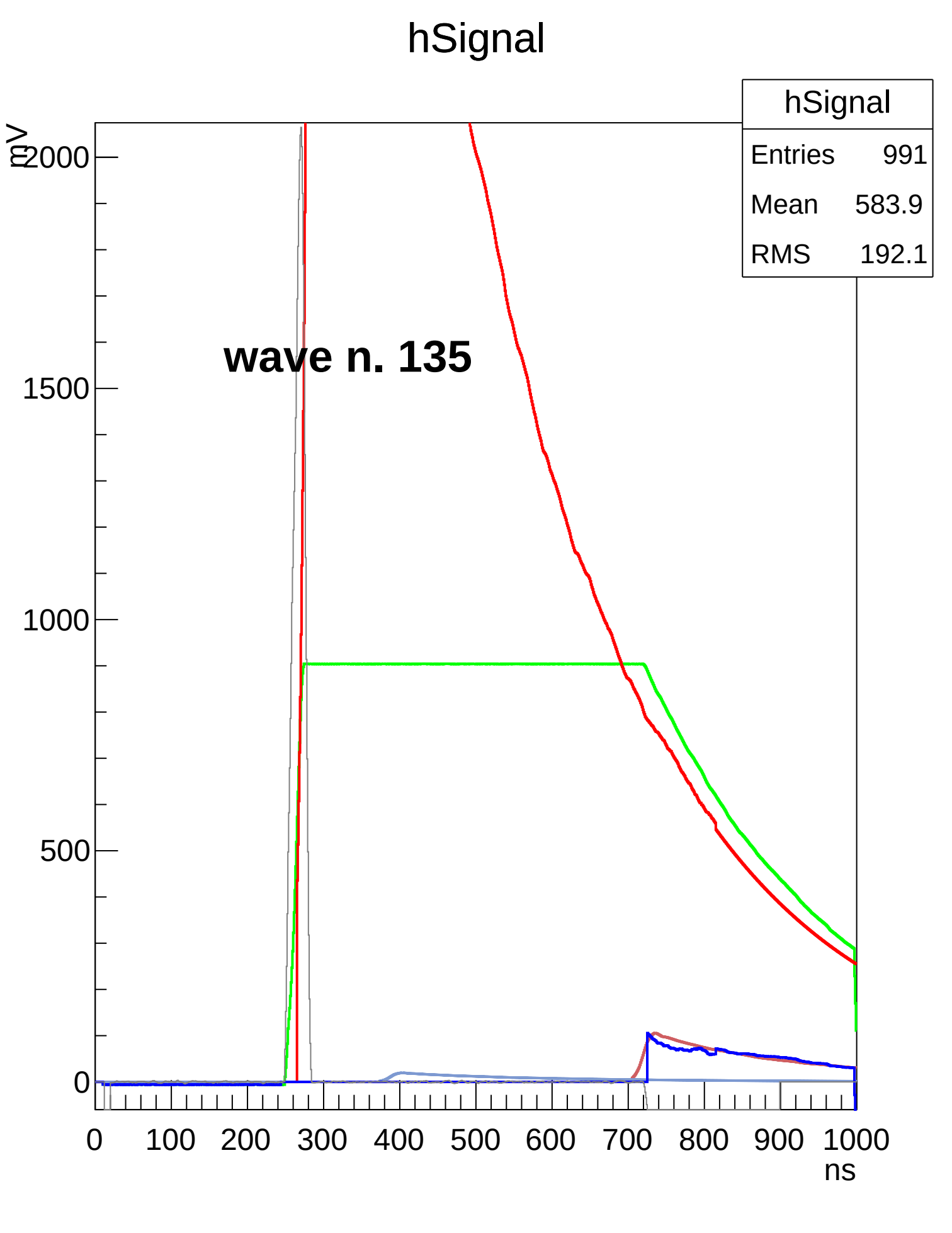
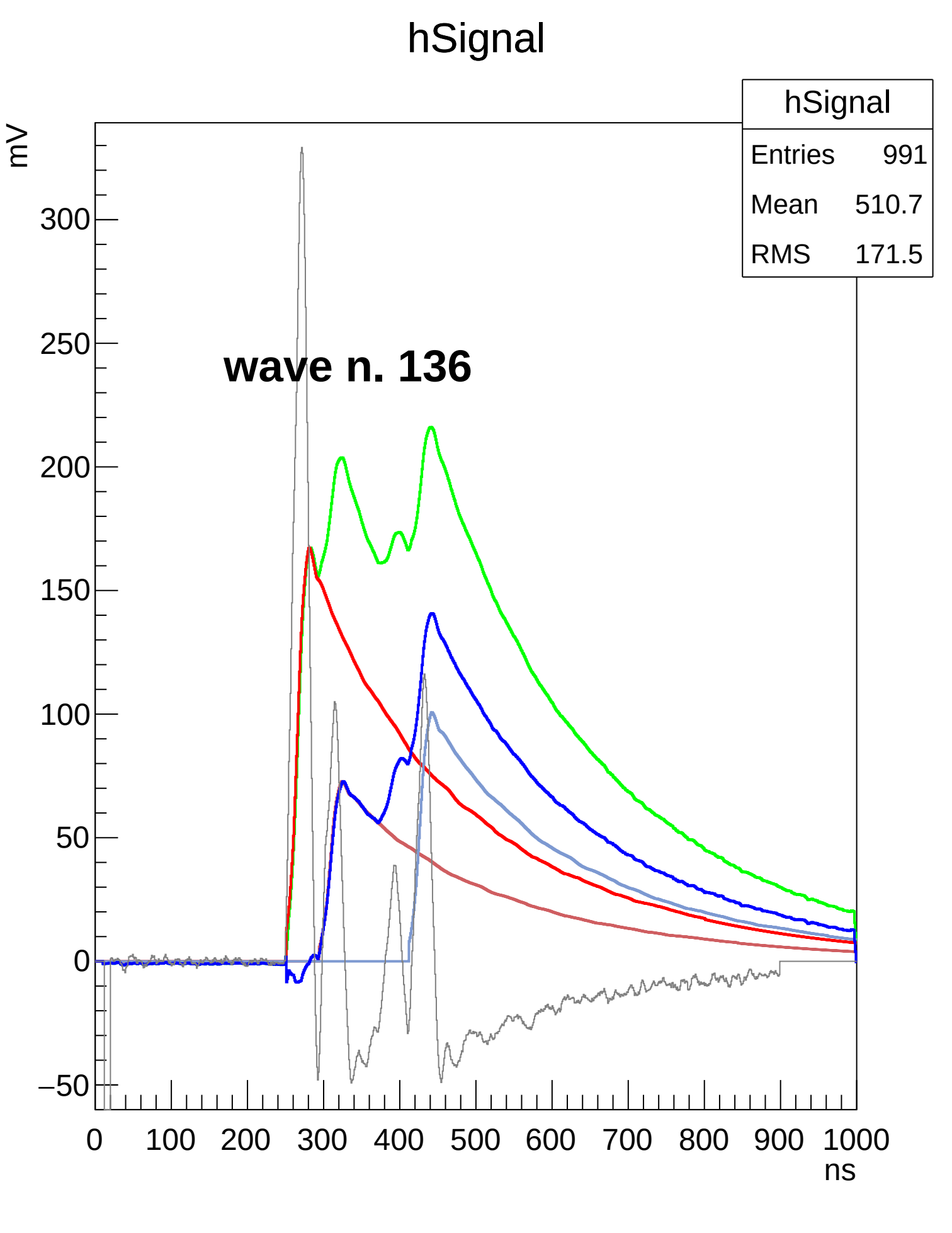
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 583.9
RMS 192.1
wave n. 135
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 510.7
RMS 171.5
wave n. 136
mV
300
250
200
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100
50
0
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0
100
200
300
400
500
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800
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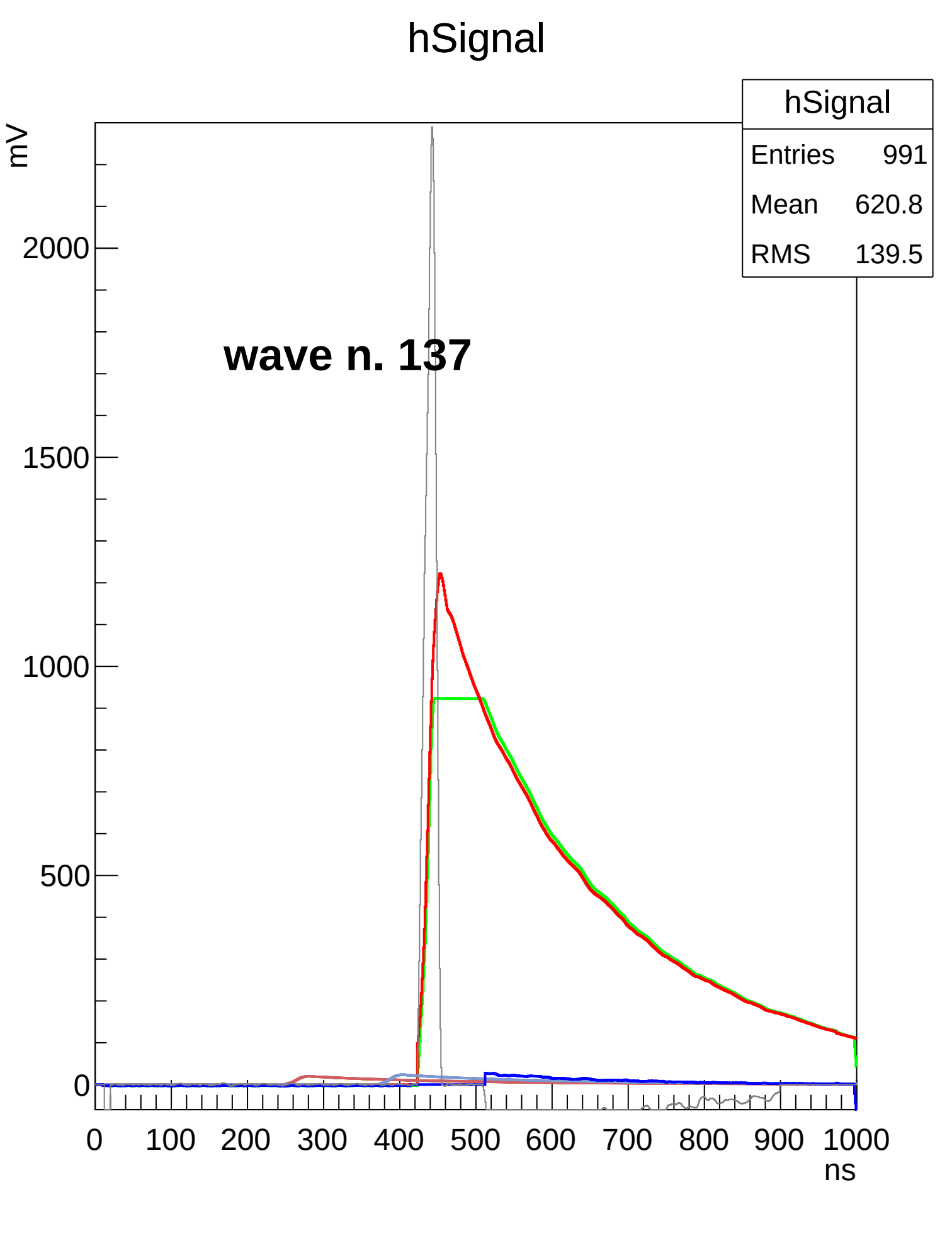
1000
ns


hSignal
hSignal
Entries 991
Mean 620.8
RMS 139.5
wave n. 137
mV
2000
1500
1000
500
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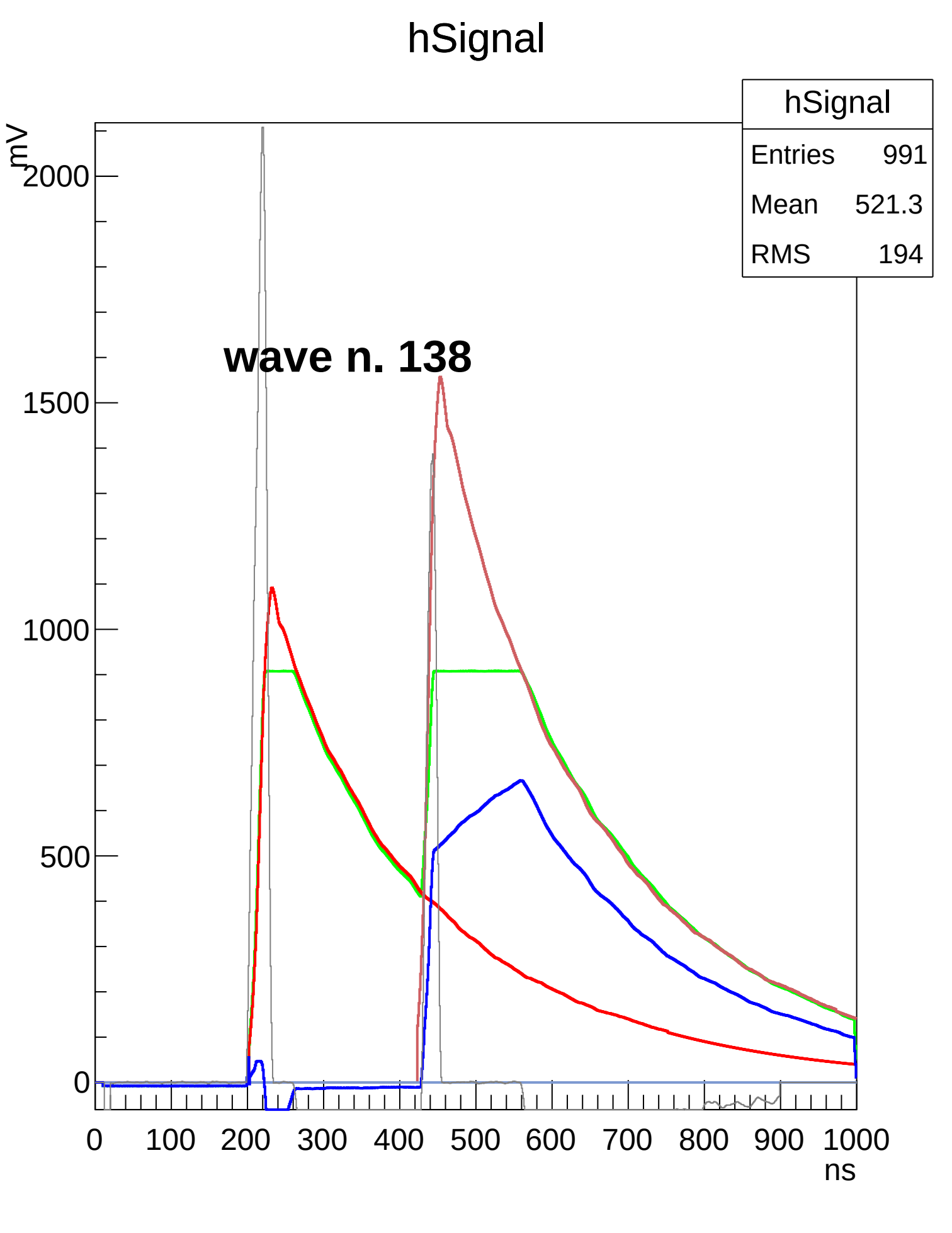
ns


hSignal
hSignal
Entries 991
Mean 521.3
RMS 194
wave n. 138
mV
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1500
1000
500
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0
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400
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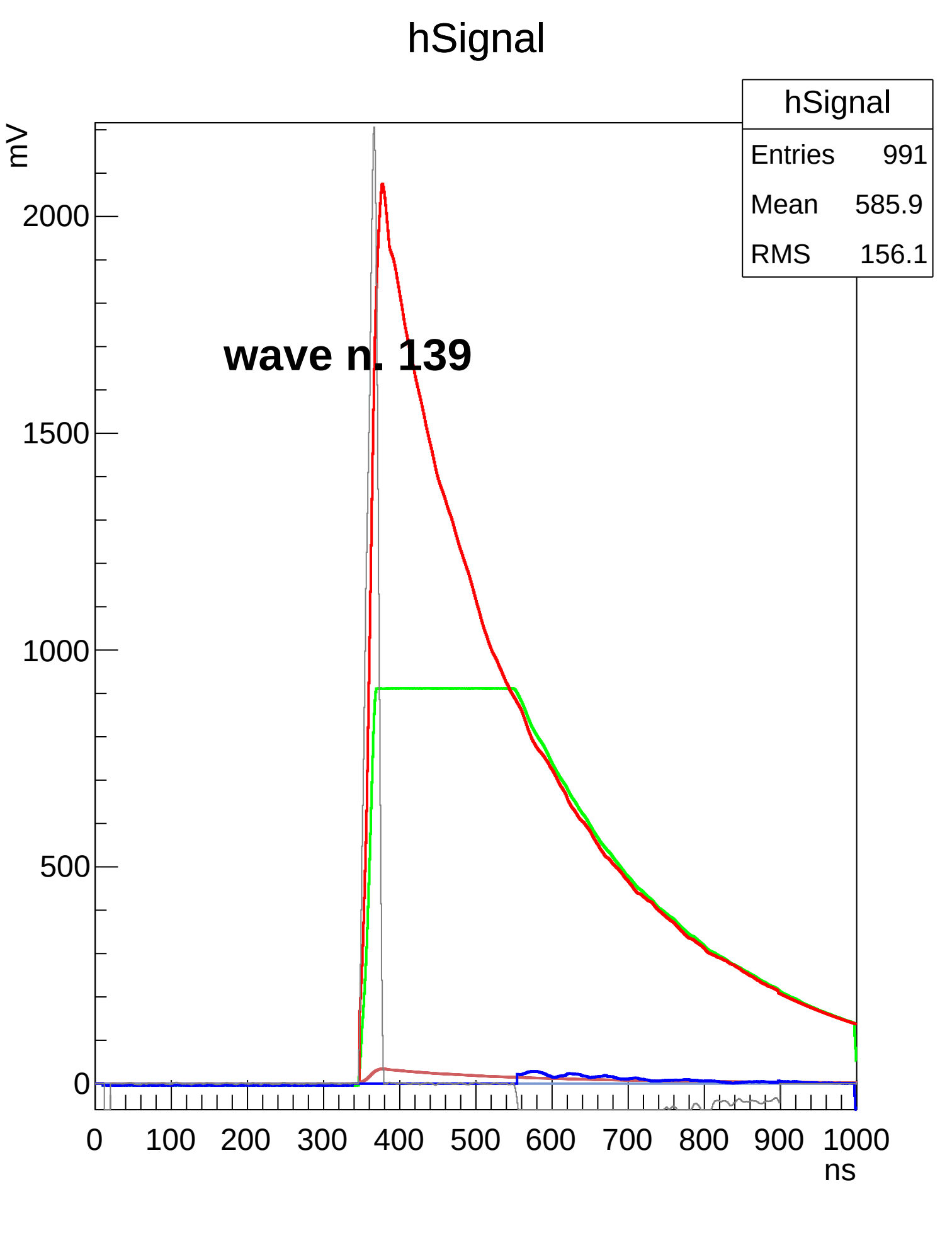
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 585.9
RMS 156.1
wave n. 139
mV
2000
1500
1000
500
0
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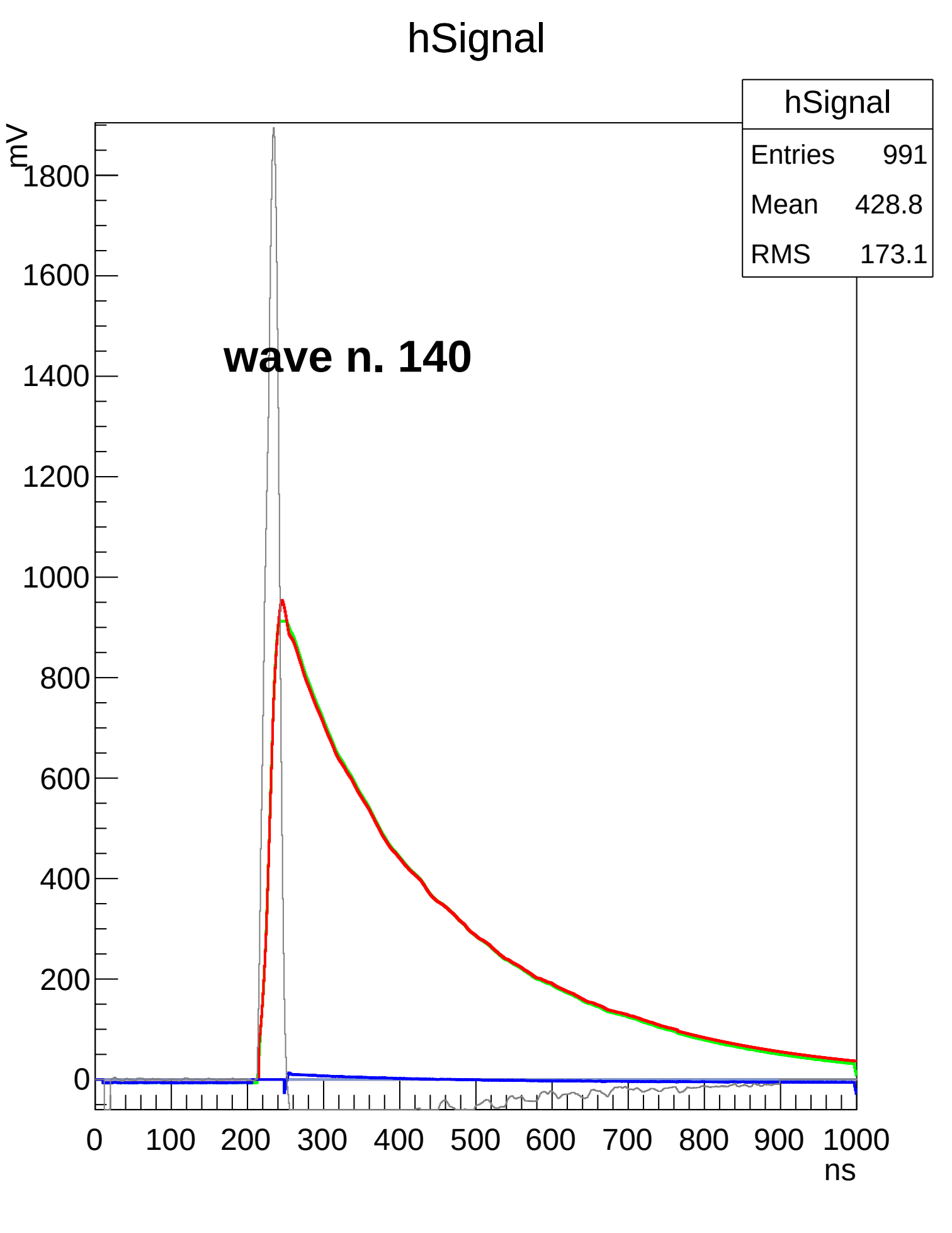
ns


hSignal
hSignal
Entries 991
Mean 428.8
RMS 173.1
wave n. 140
mV
1800
1600
1400
1200
1000
800
600
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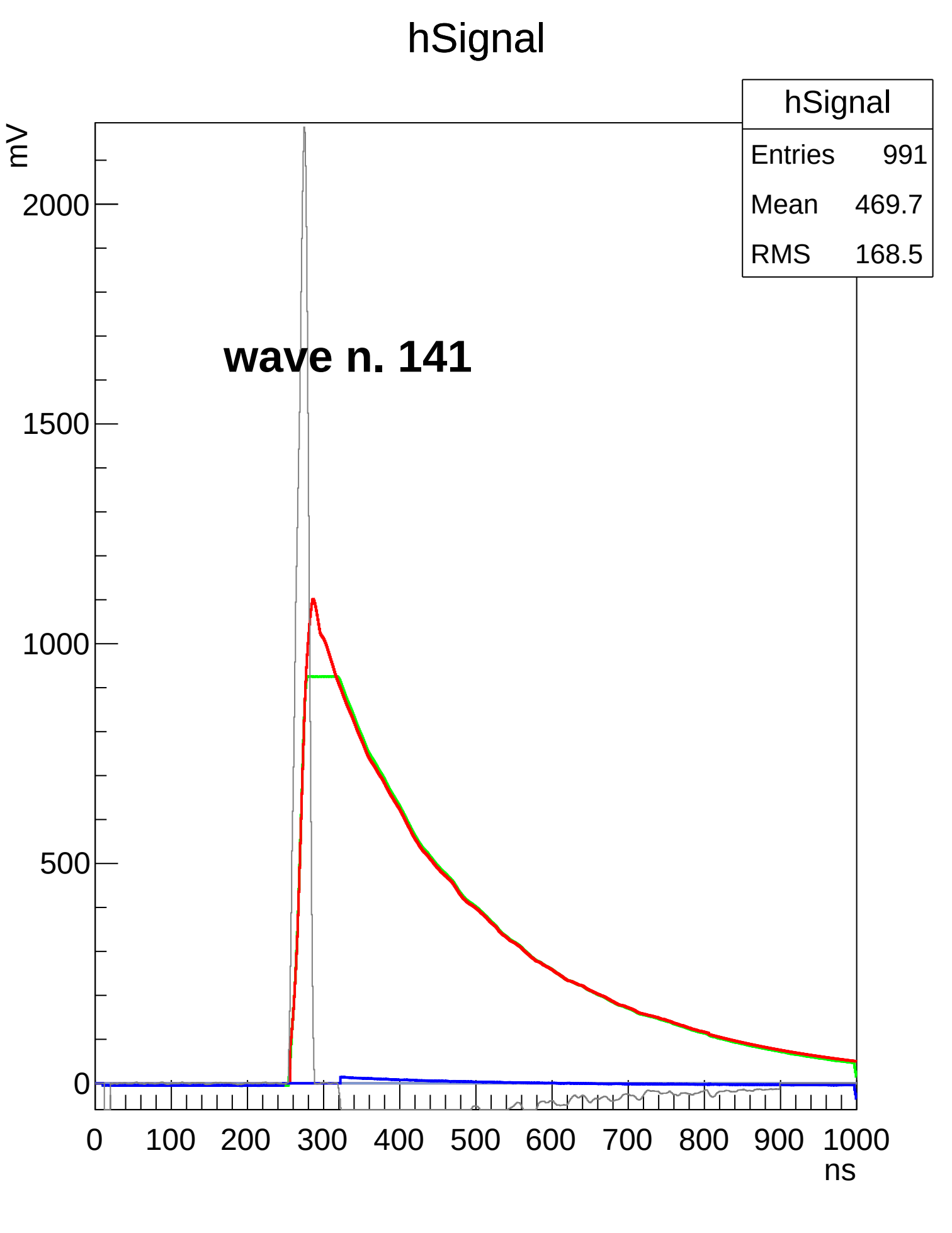
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 469.7
RMS 168.5
wave n. 141
mV
2000
1500
1000
500
0
0
100
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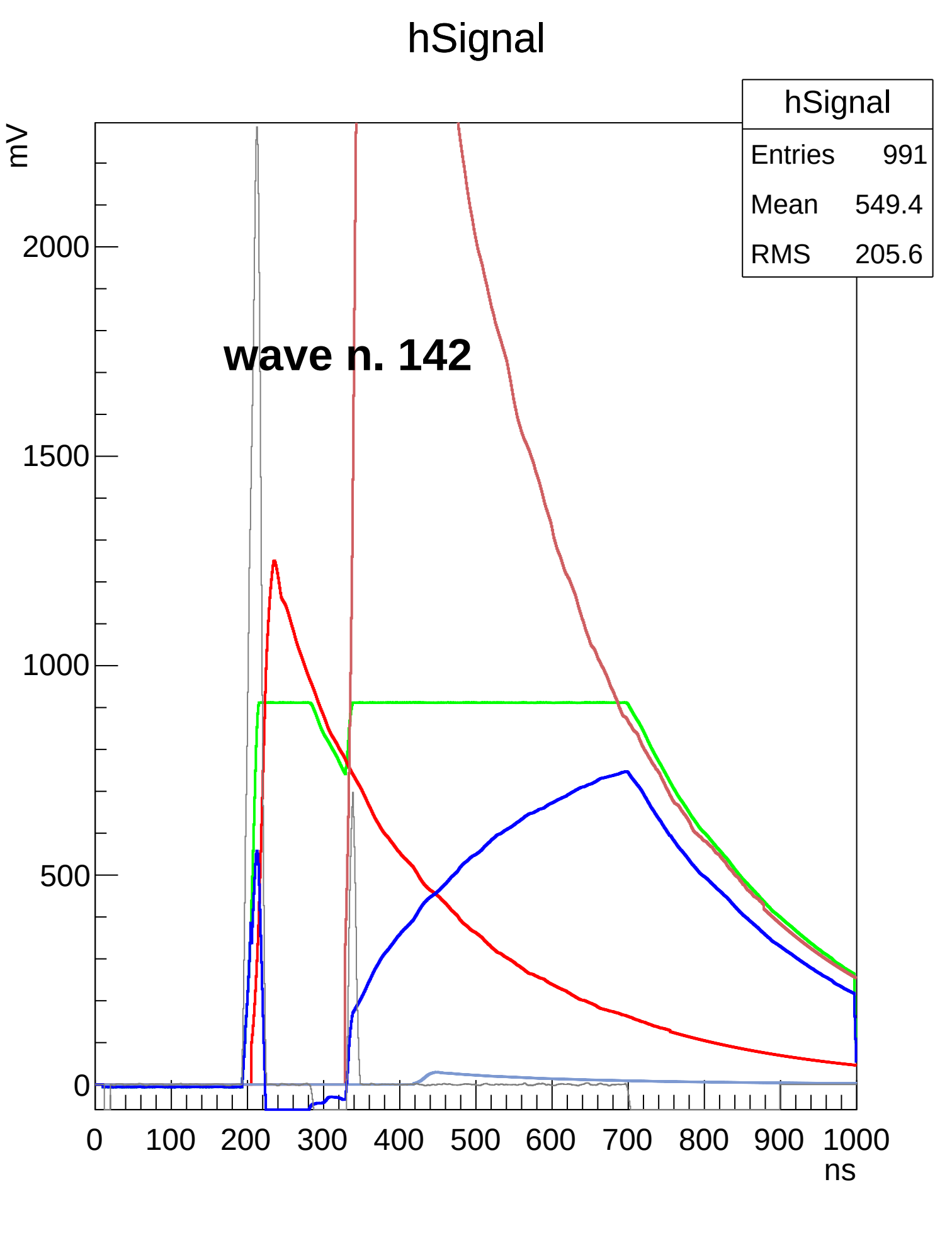
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.4
RMS 205.6
wave n. 142
mV
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1500
1000
500
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0
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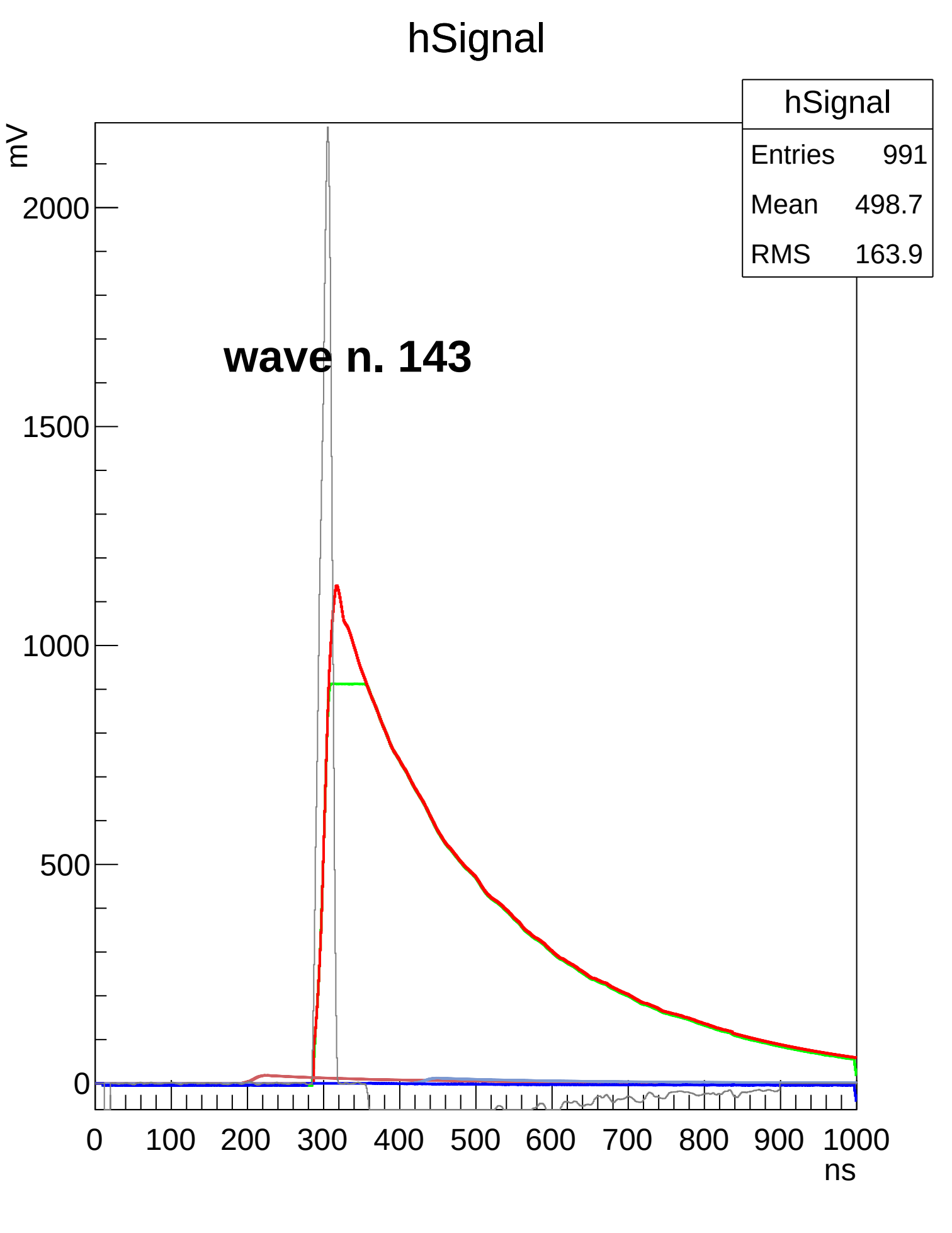
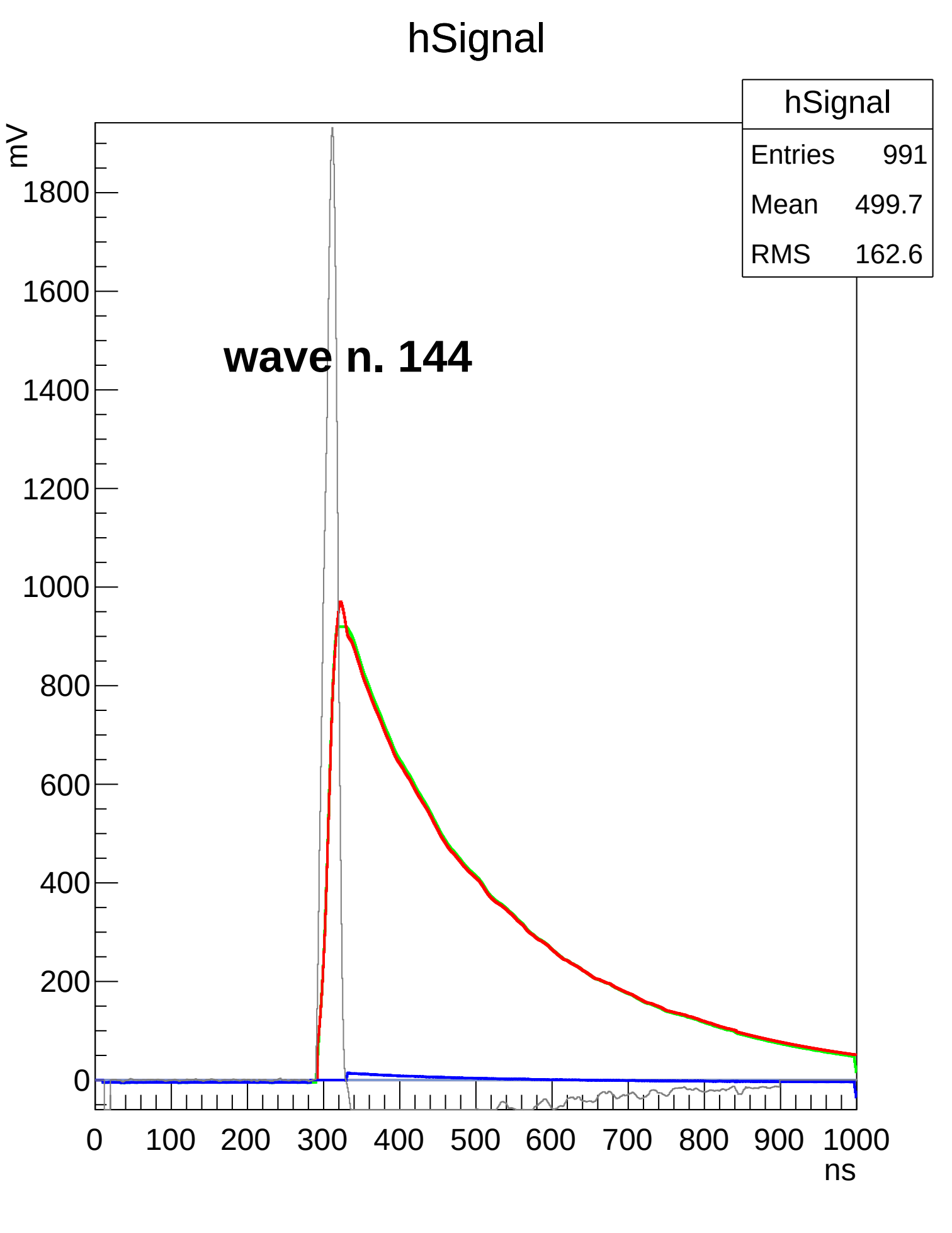
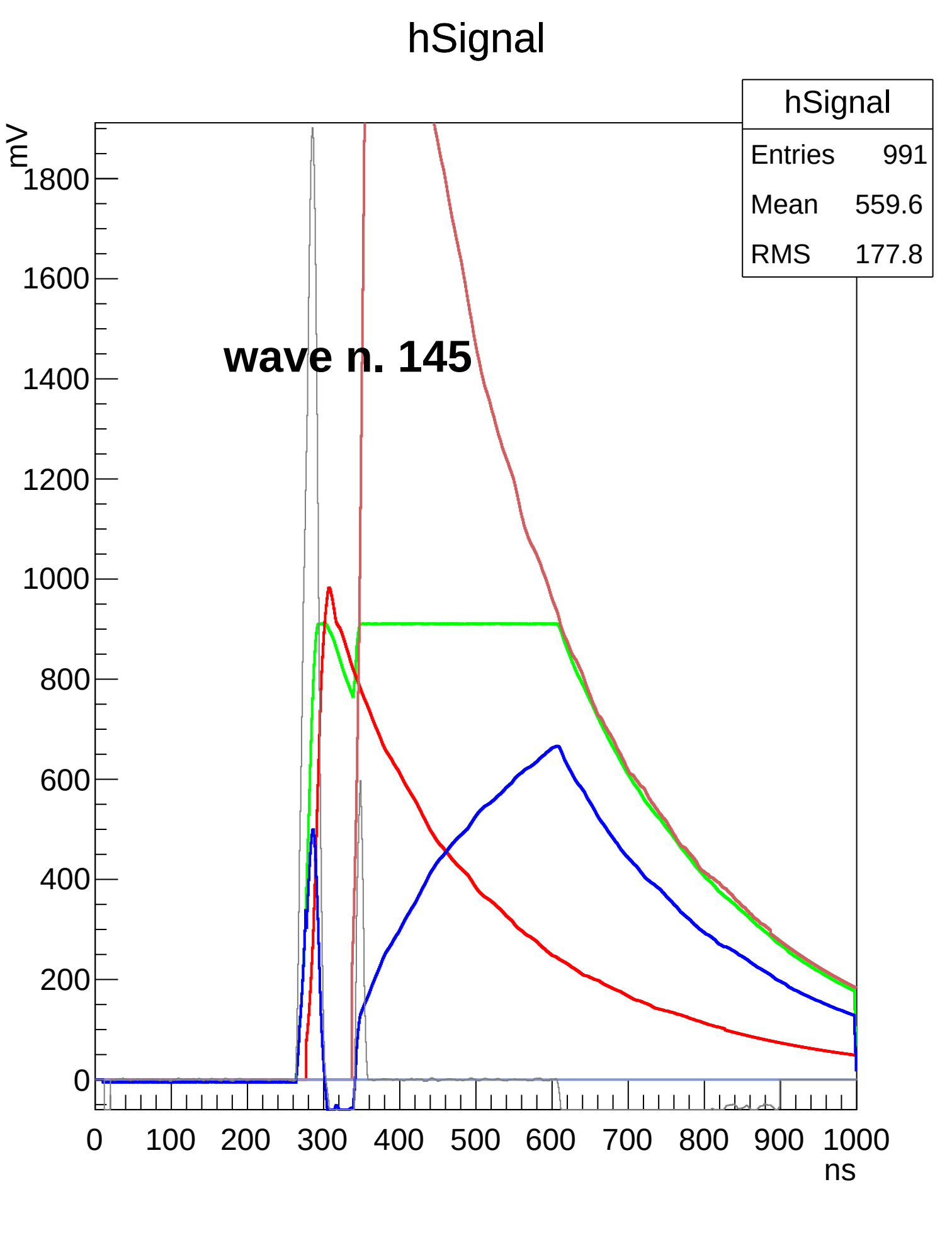
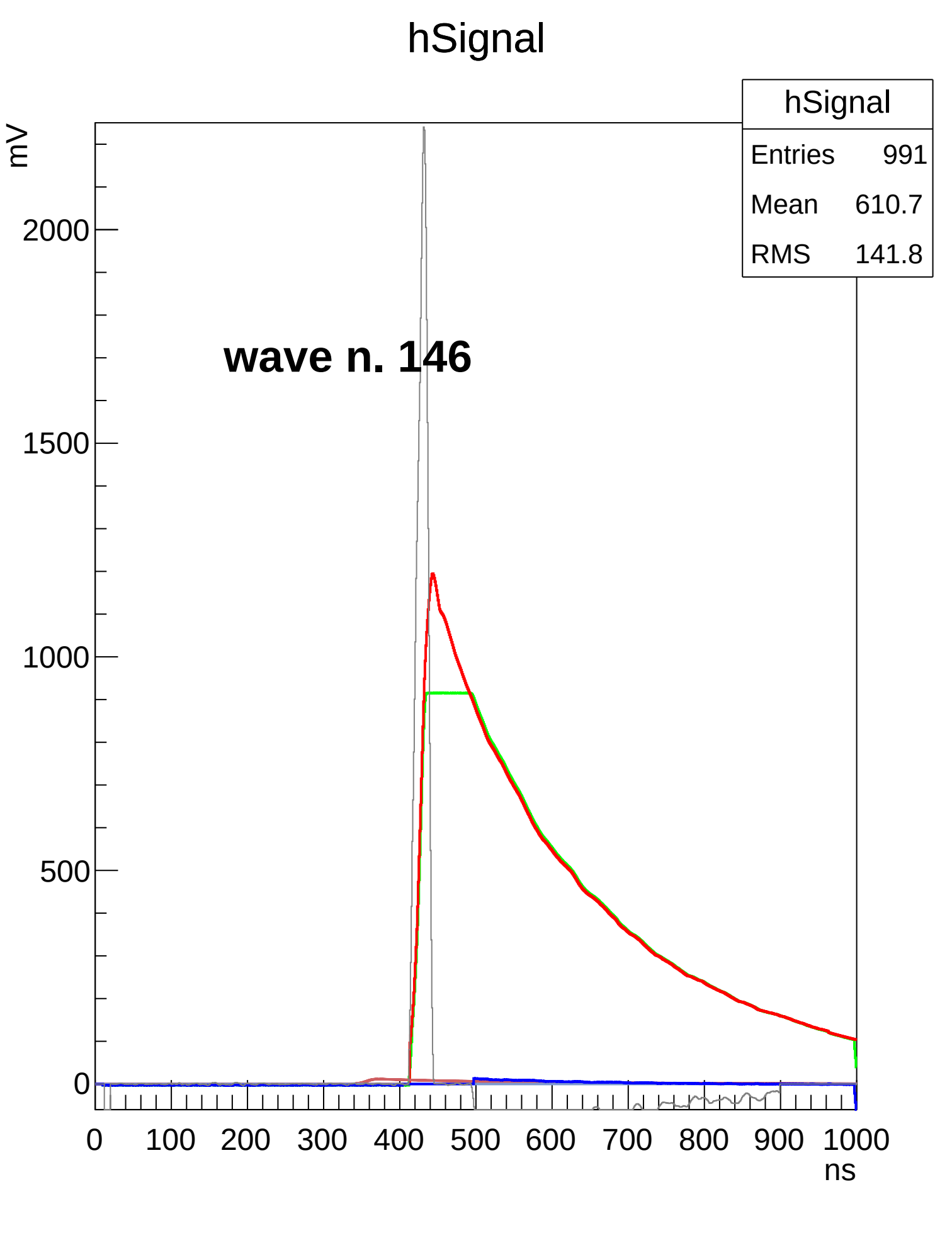
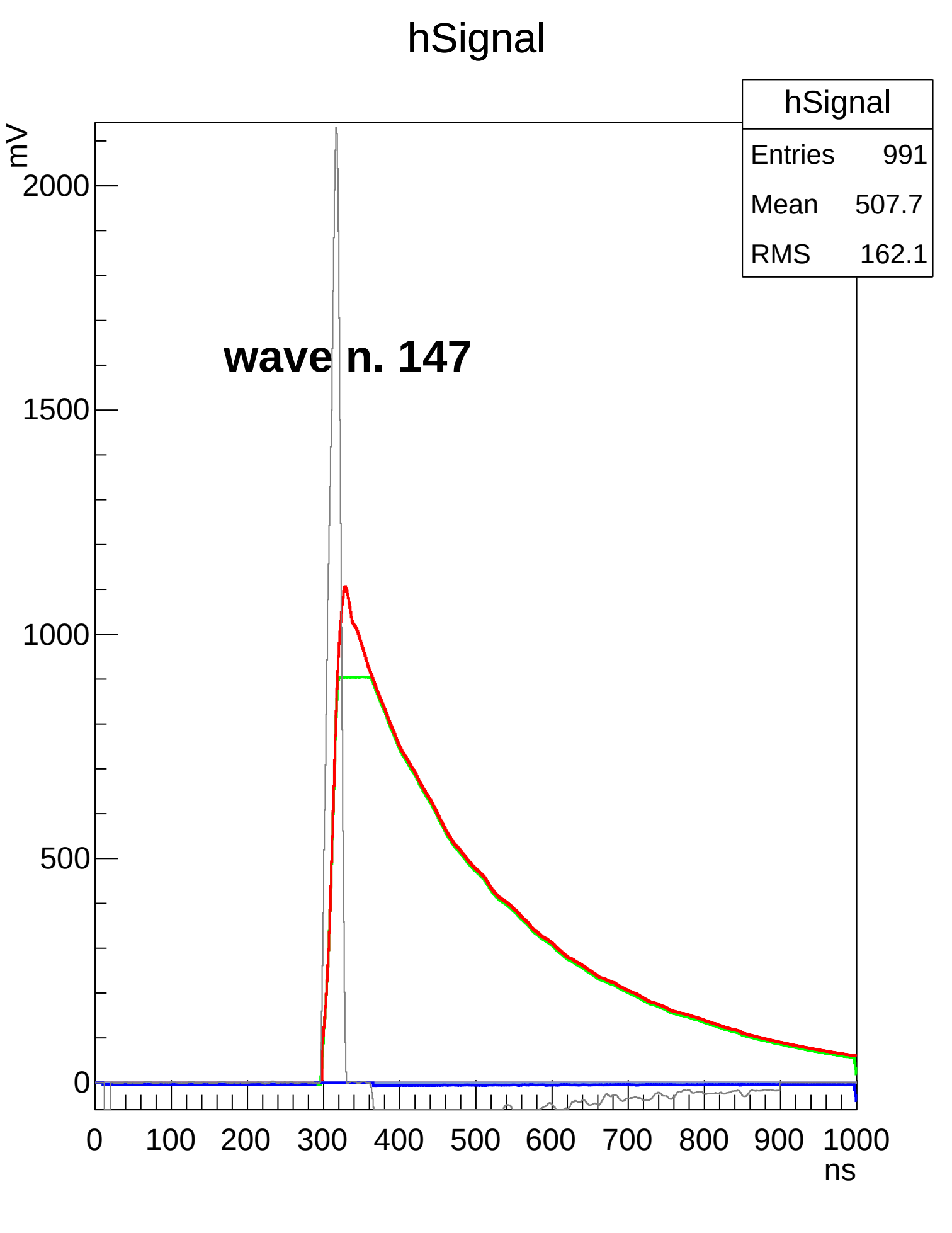
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 498.7
RMS 163.9
wave n. 143
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 499.7
RMS 162.6
wave n. 144
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 559.6
RMS 177.8
wave n. 145
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 610.7
RMS 141.8
wave n. 146
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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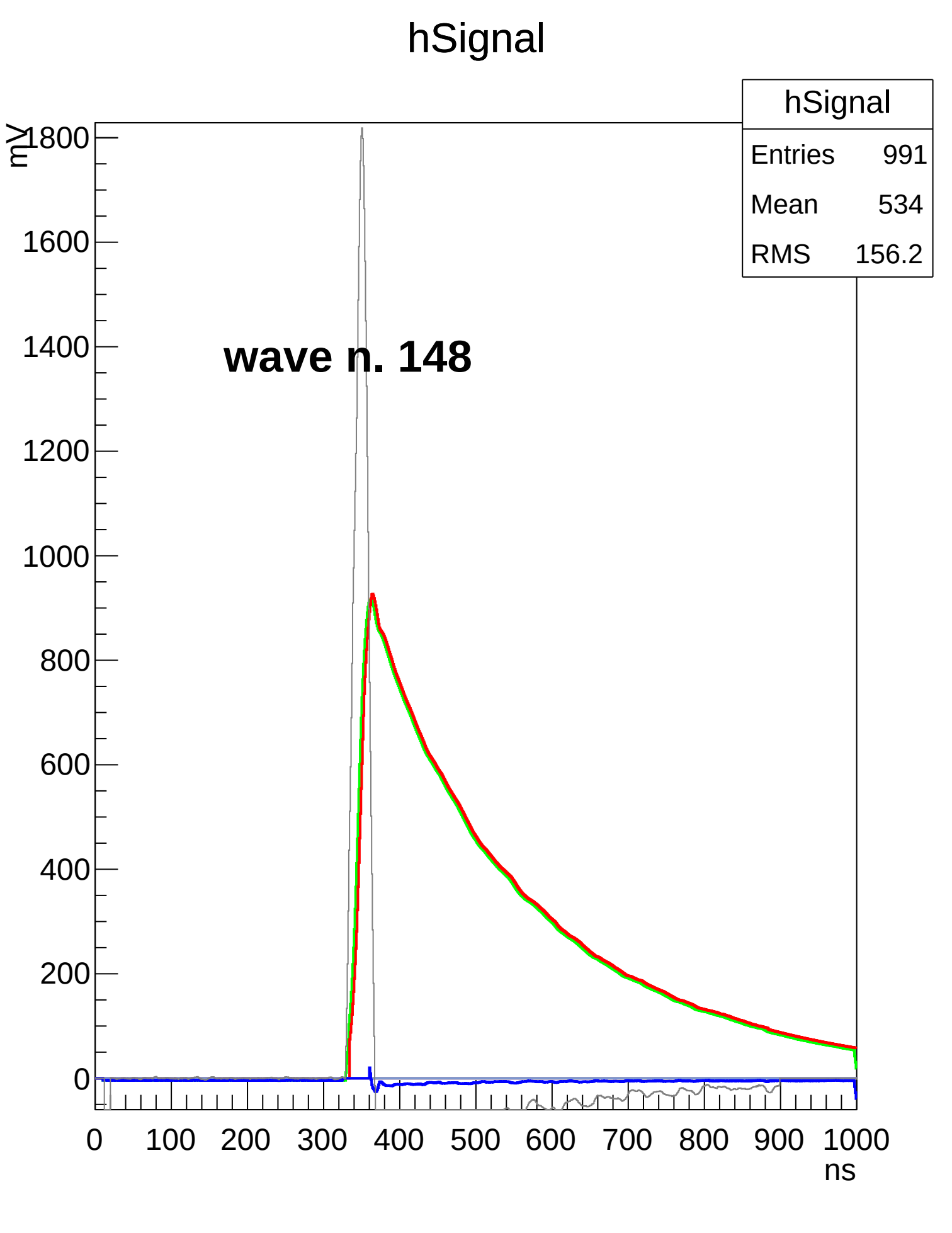
hSignal
Entries 991
Mean 507.7
RMS 162.1
wave n. 147
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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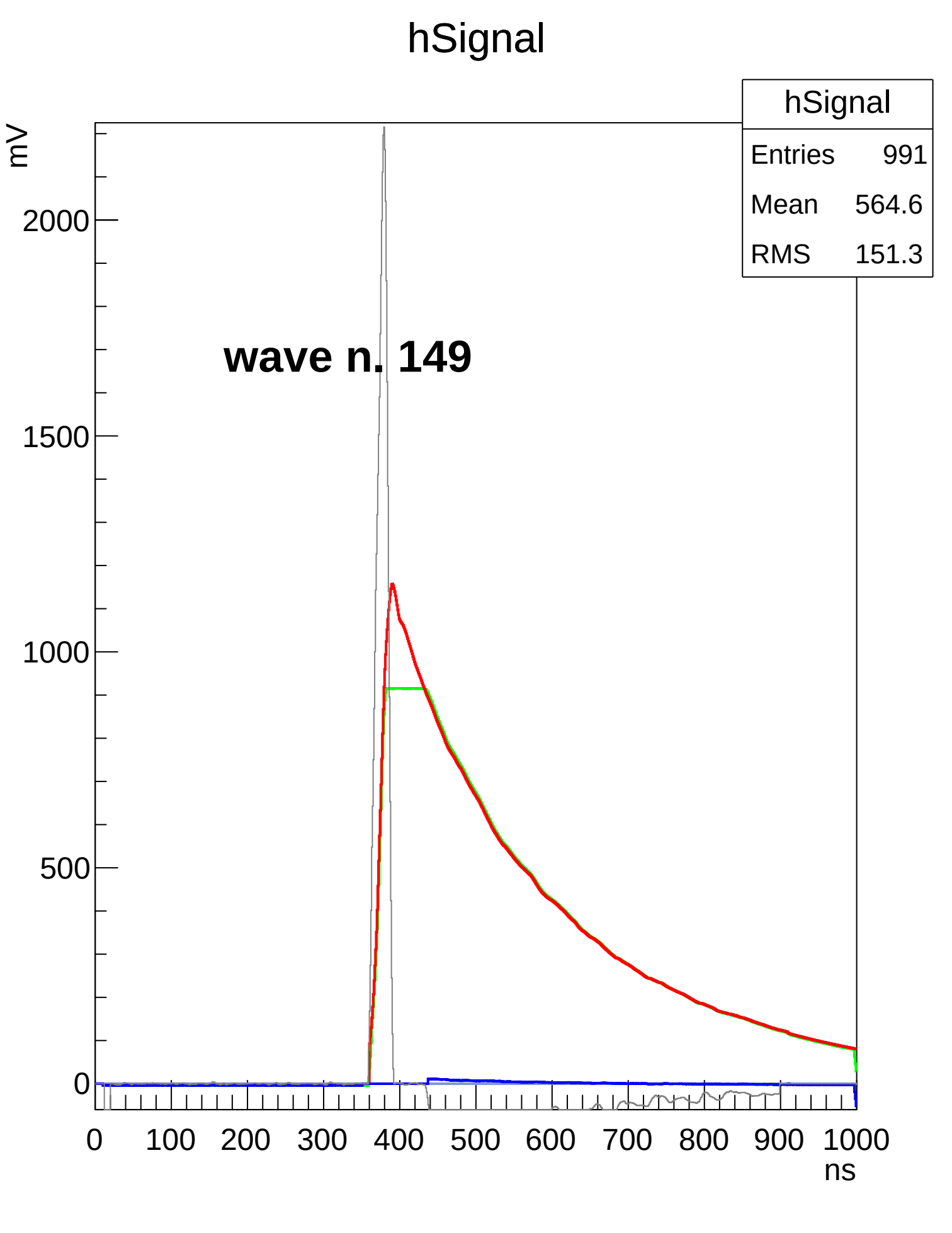
hSignal
Entries 991
Mean 534
RMS 156.2
wave n. 148
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 564.6
RMS 151.3
wave n. 149
mV
2000
1500
1000
500
0
0
100
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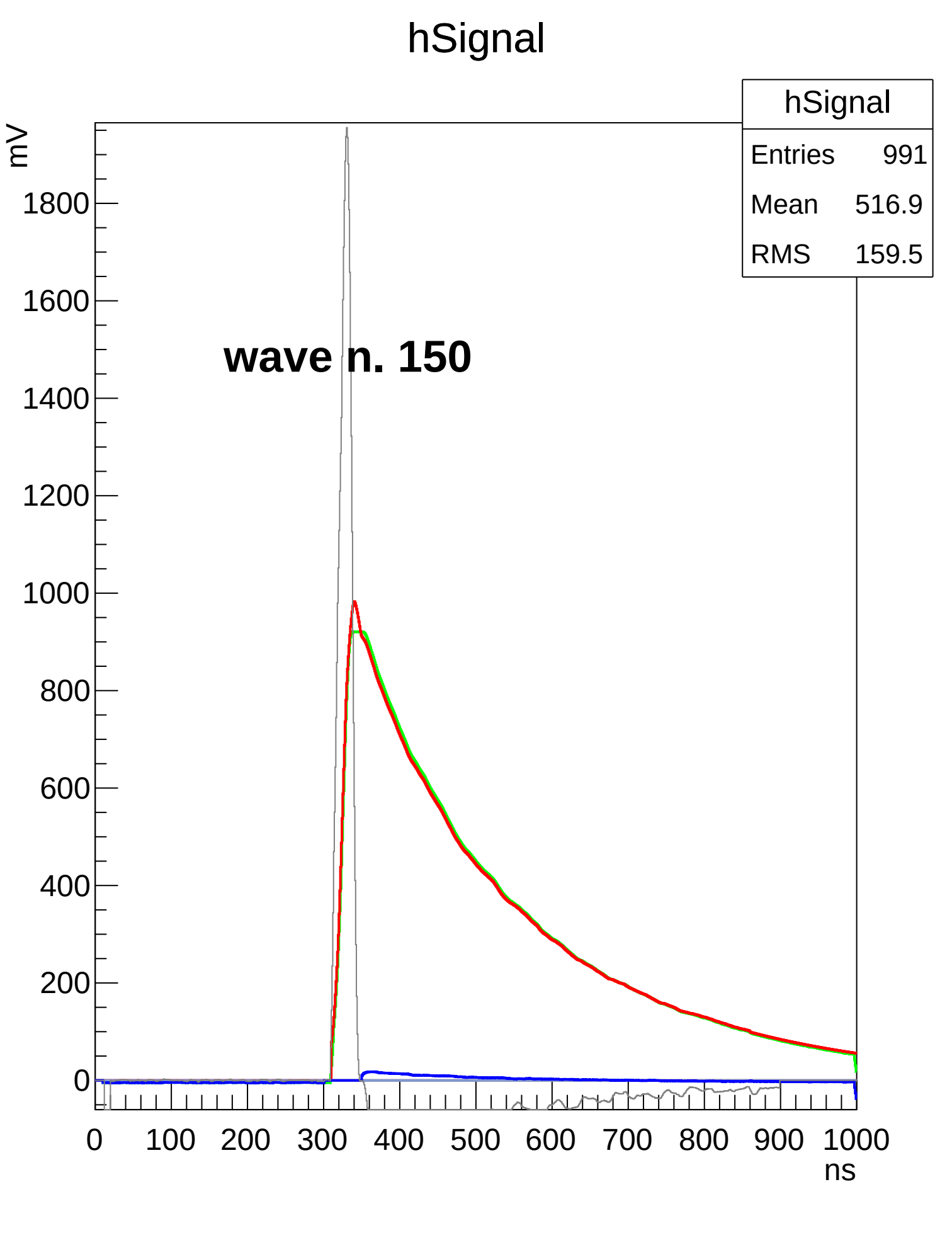
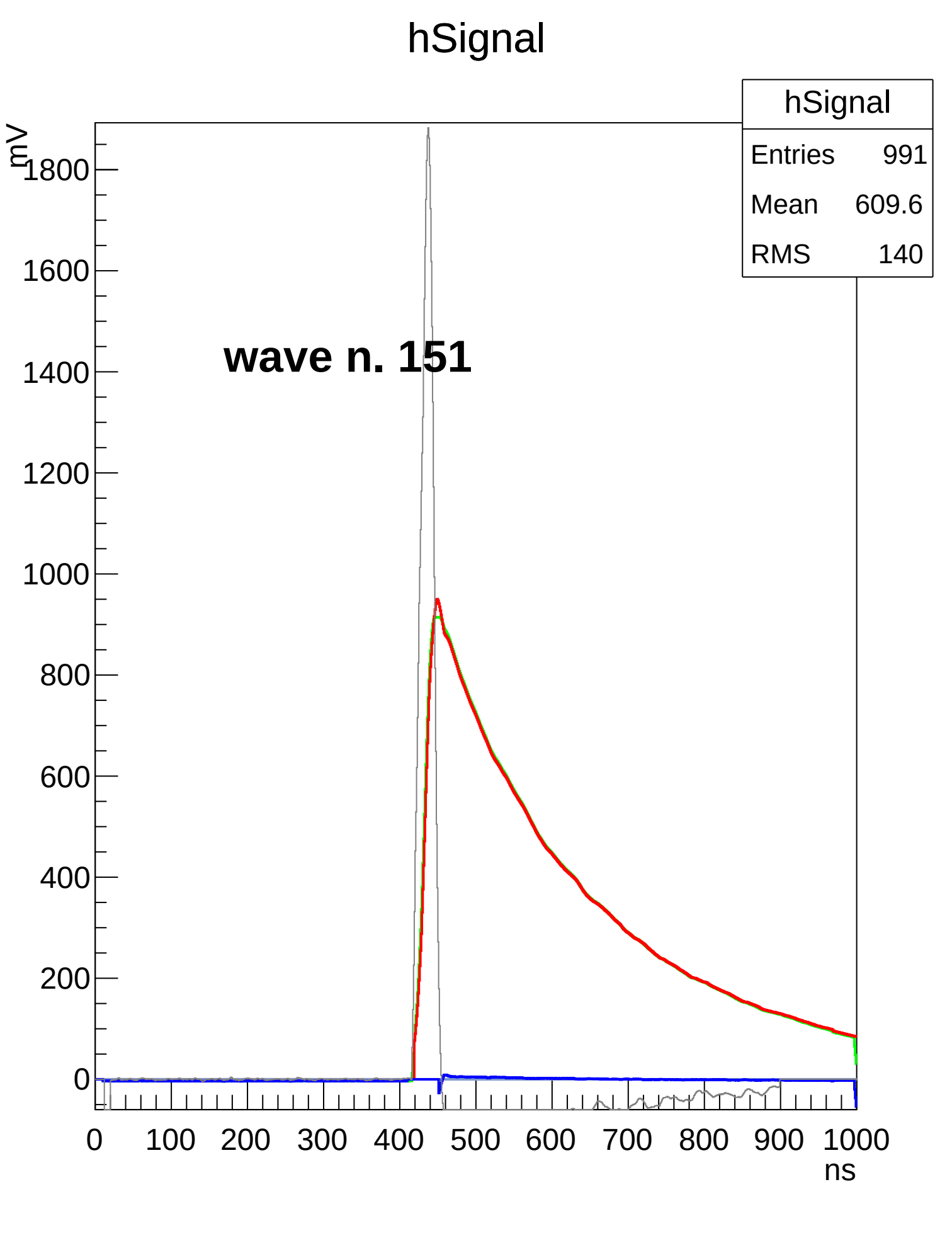
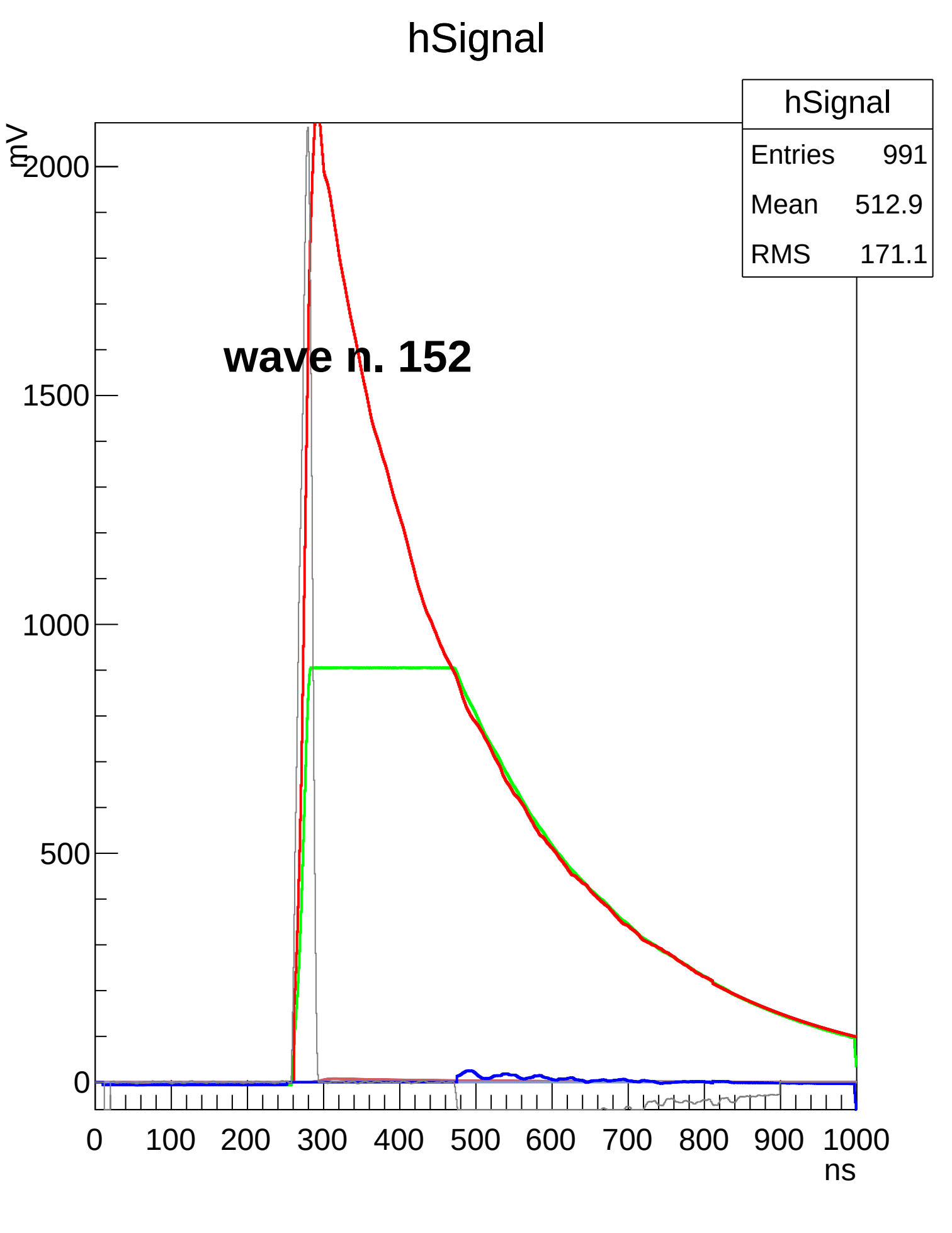
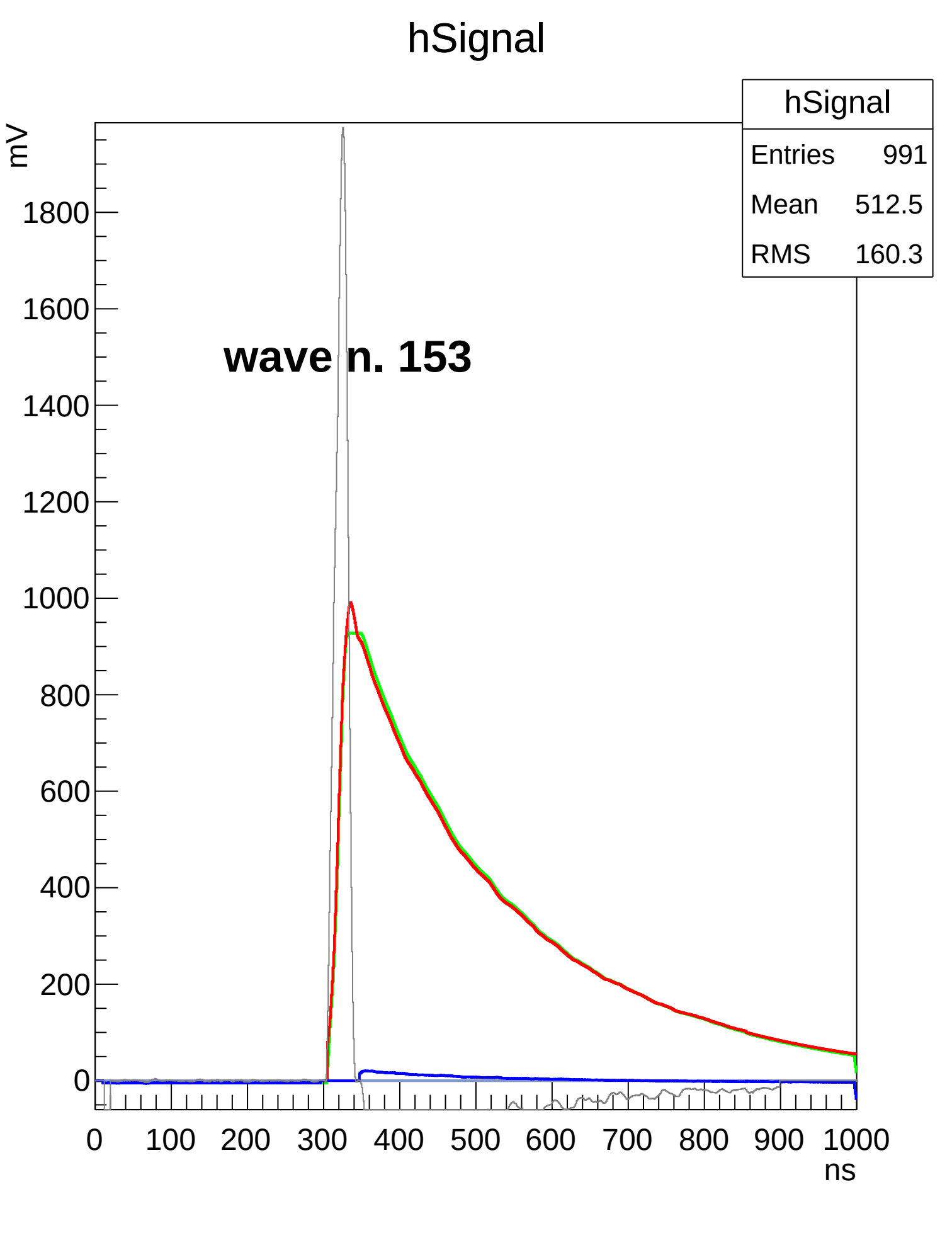
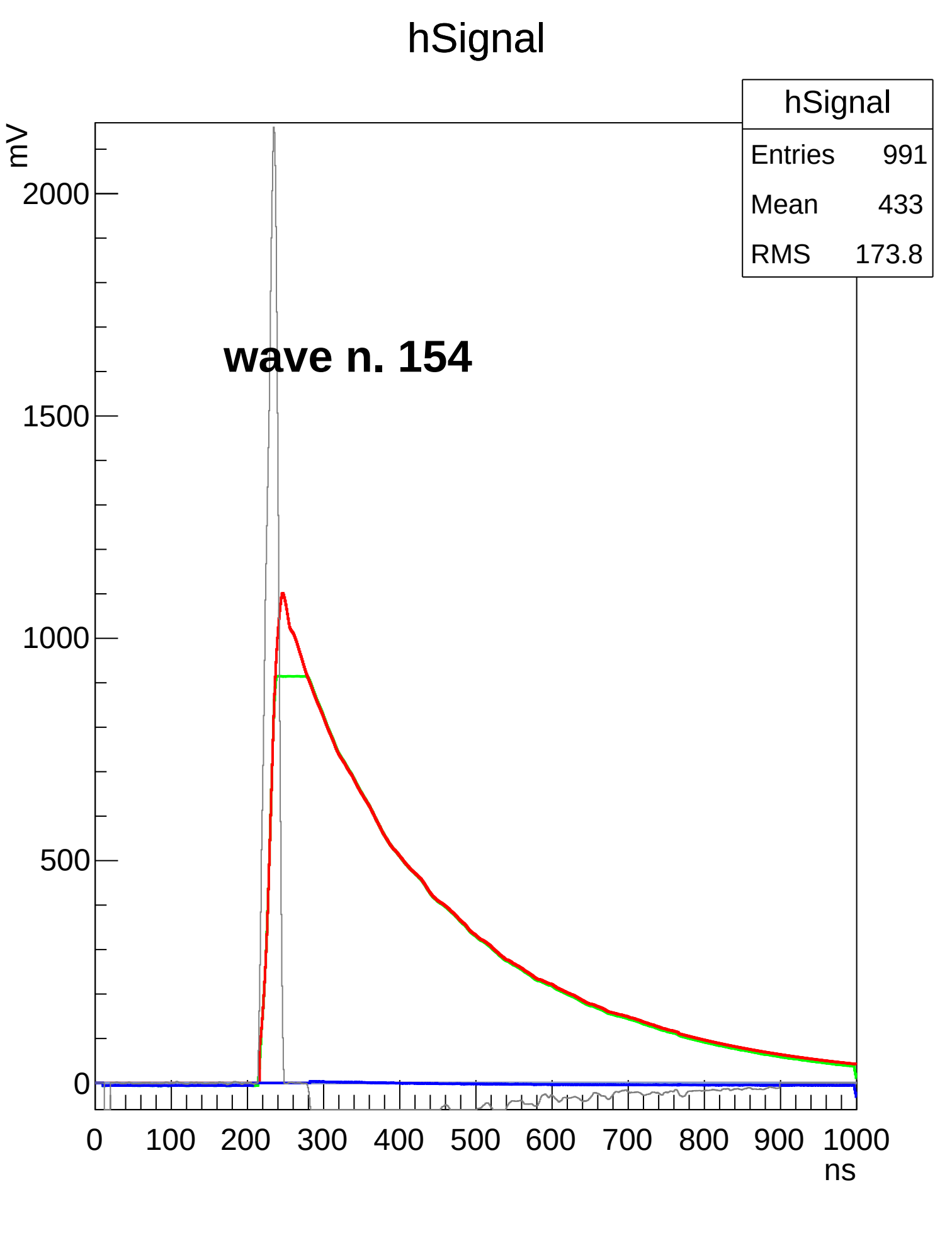
700
800
900
1000
ns

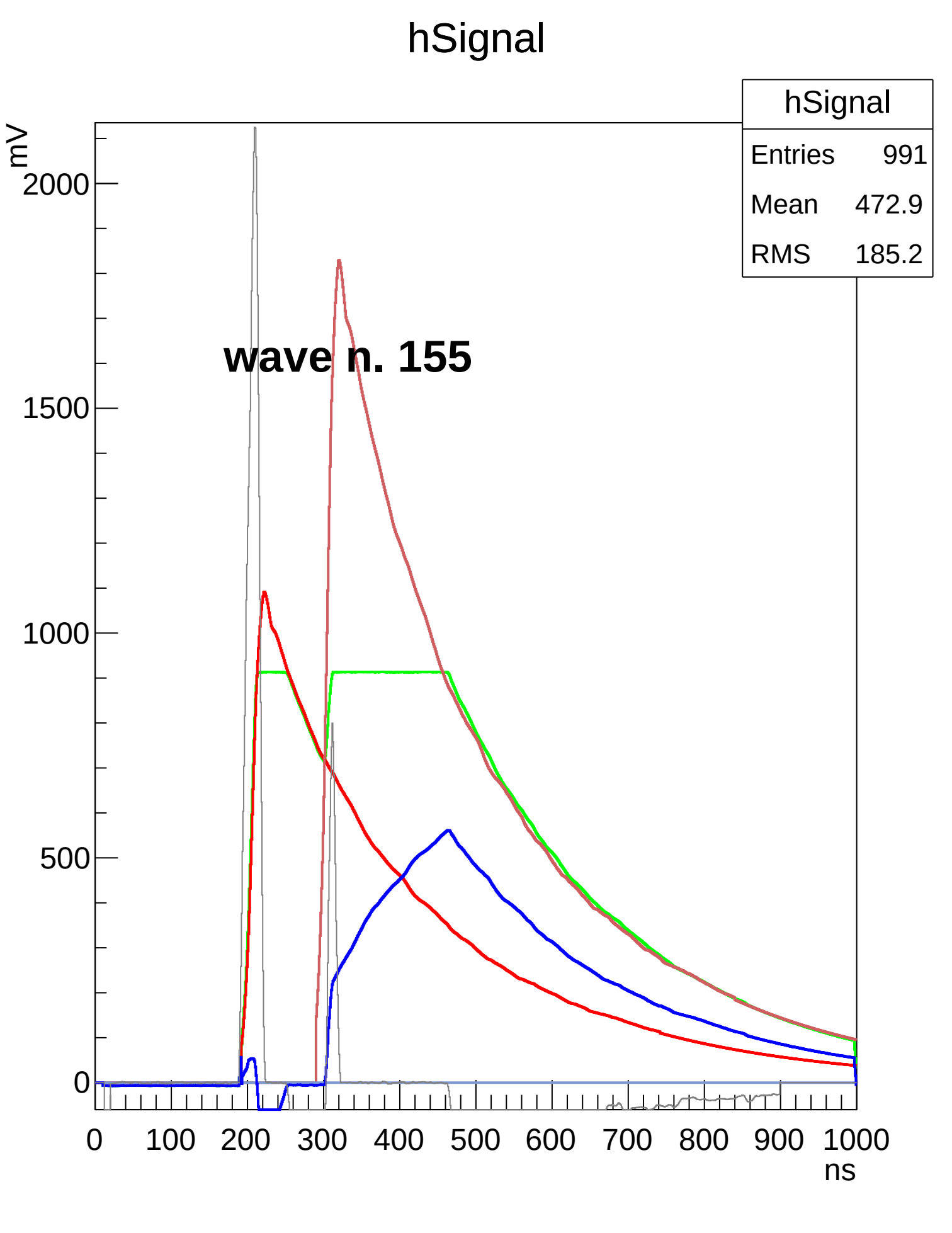

hSignal
hSignal
Entries 991
Mean 516.9
RMS 159.5
wave n. 150
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 609.6
RMS 140
wave n. 151
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 512.9
RMS 171.1
wave n. 152
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.5
RMS 160.3
wave n. 153
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 433
RMS 173.8
wave n. 154
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 472.9
RMS 185.2
wave n. 155
mV
2000
1500
1000
500
0
0
100
200
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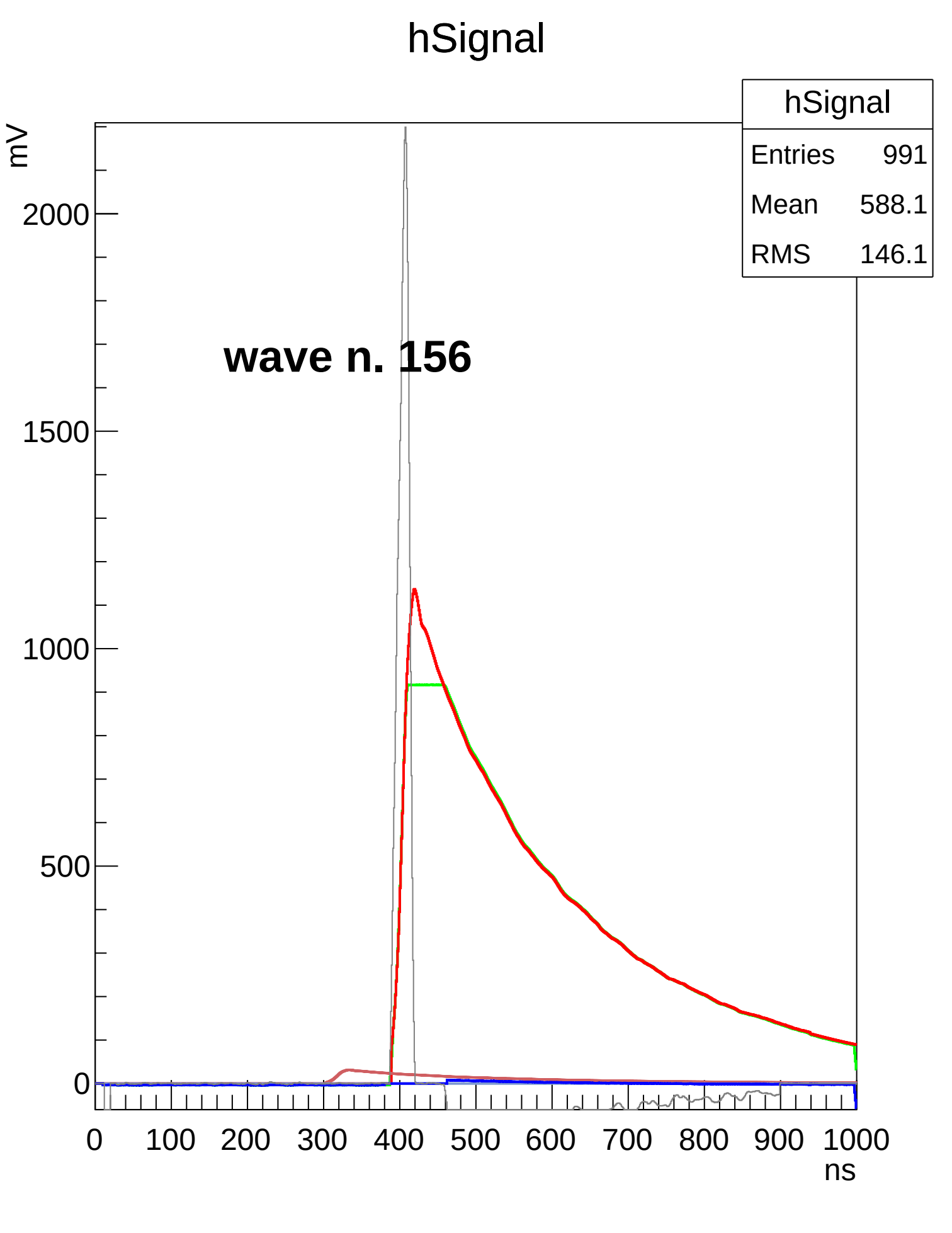
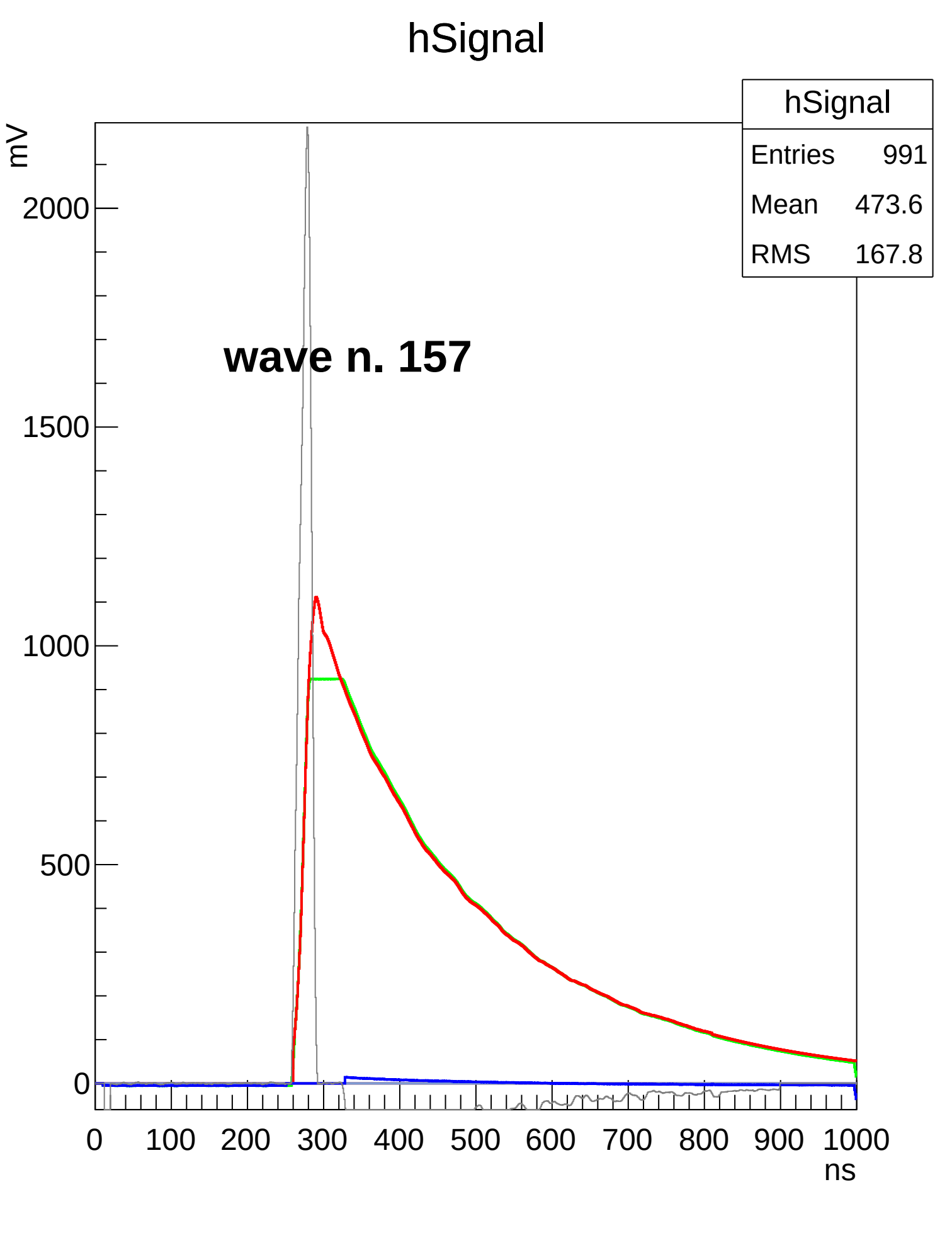
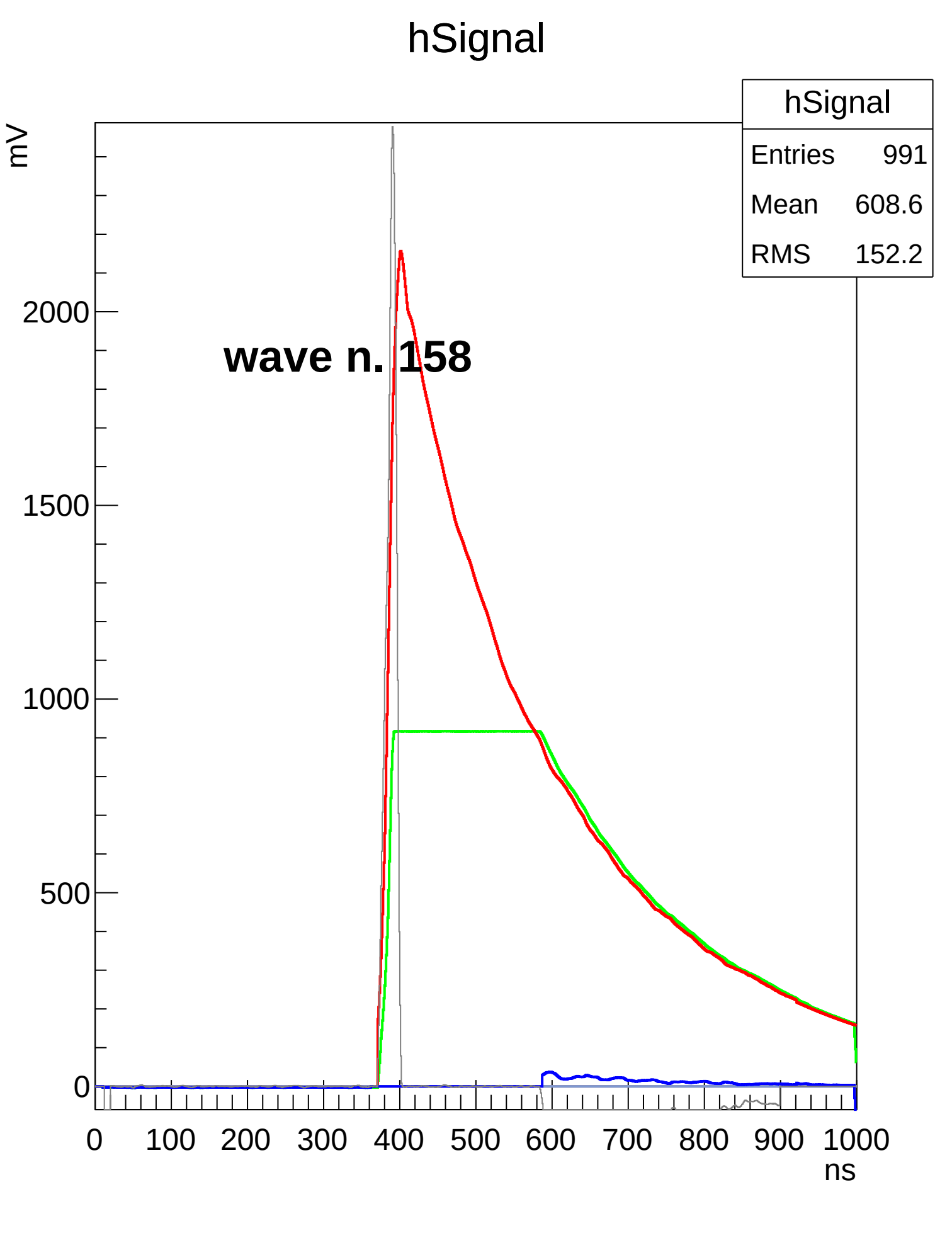
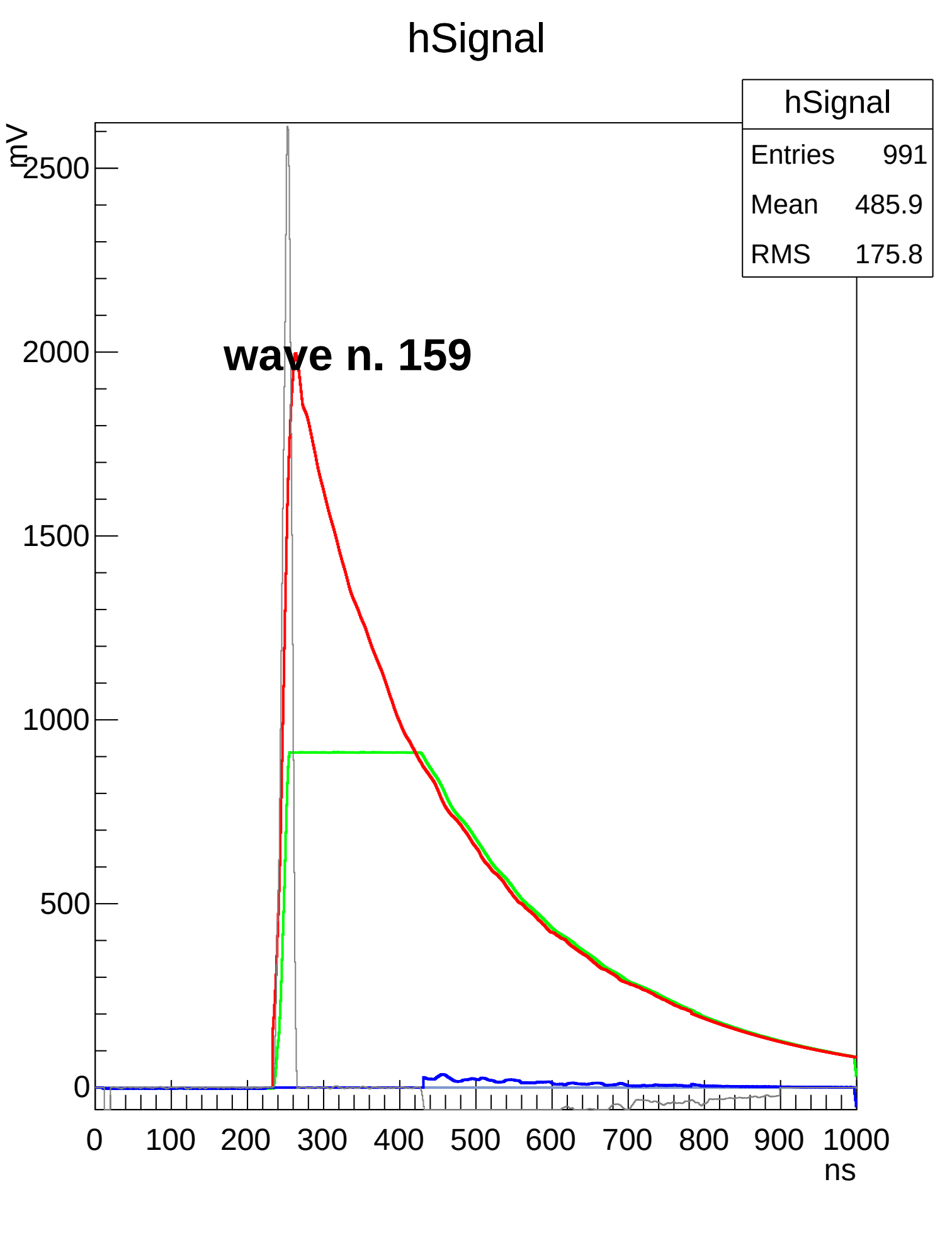
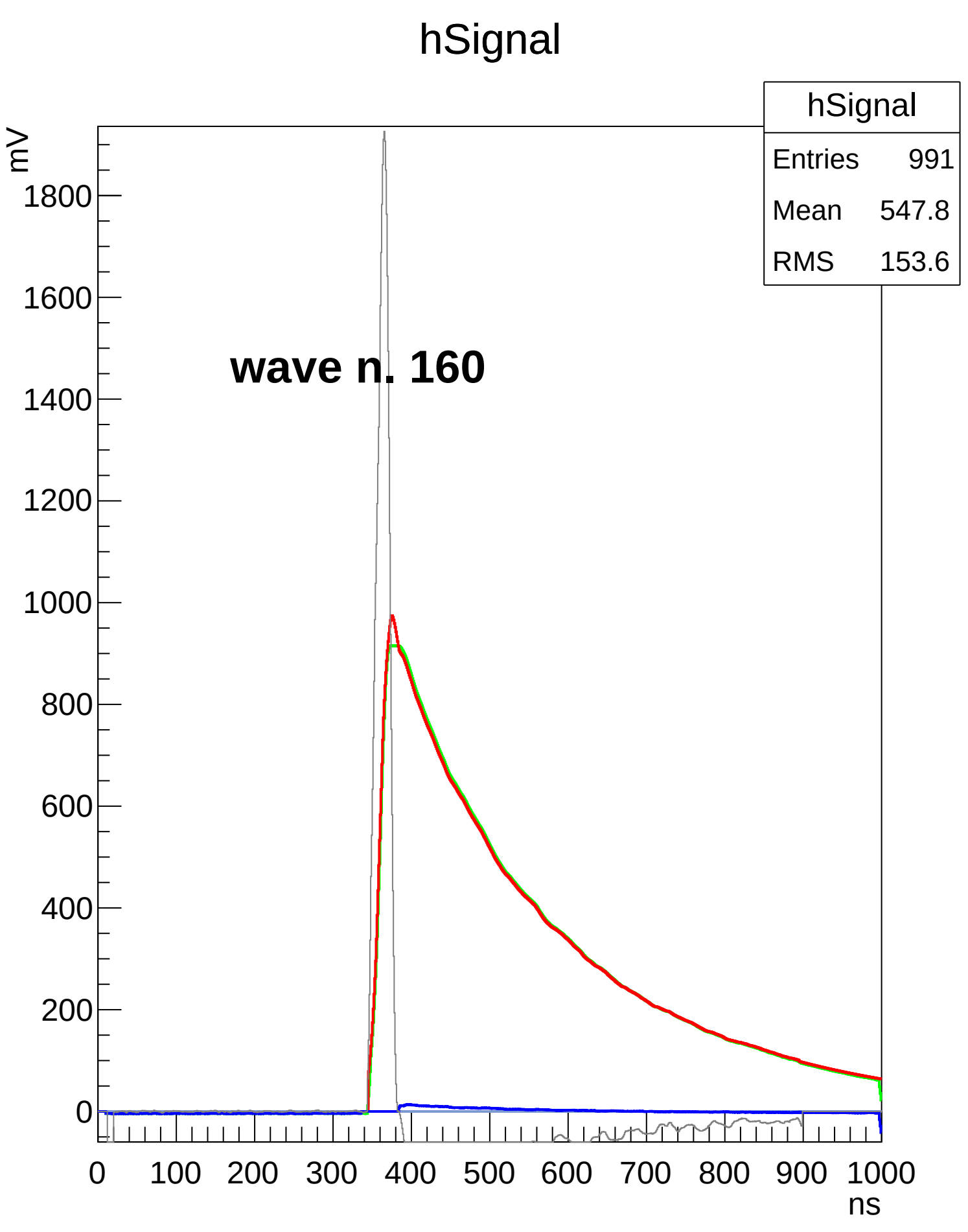
400
500
600
700
800
900
1000
ns

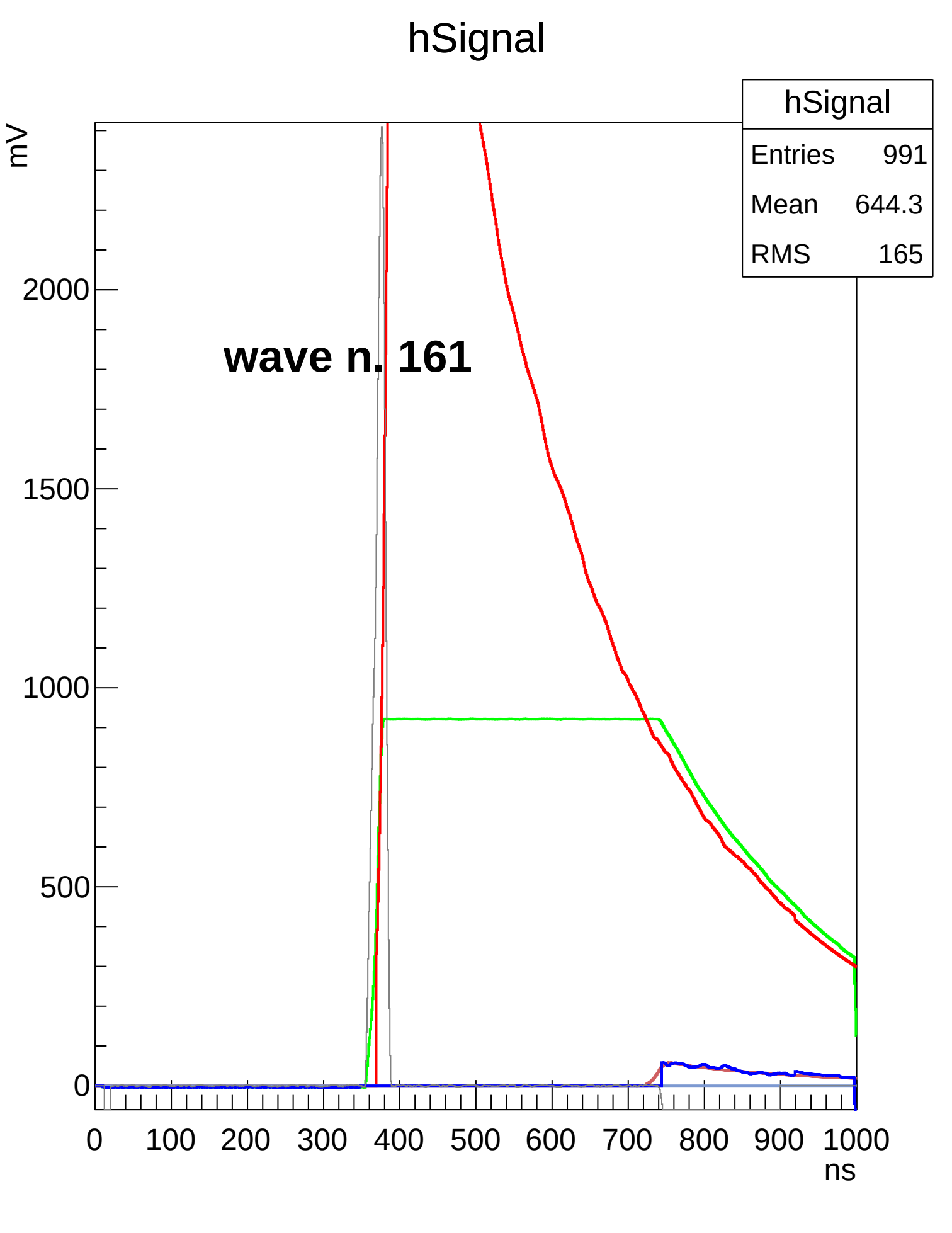

hSignal
hSignal
Entries 991
Mean 588.1
RMS 146.1
wave n. 156
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

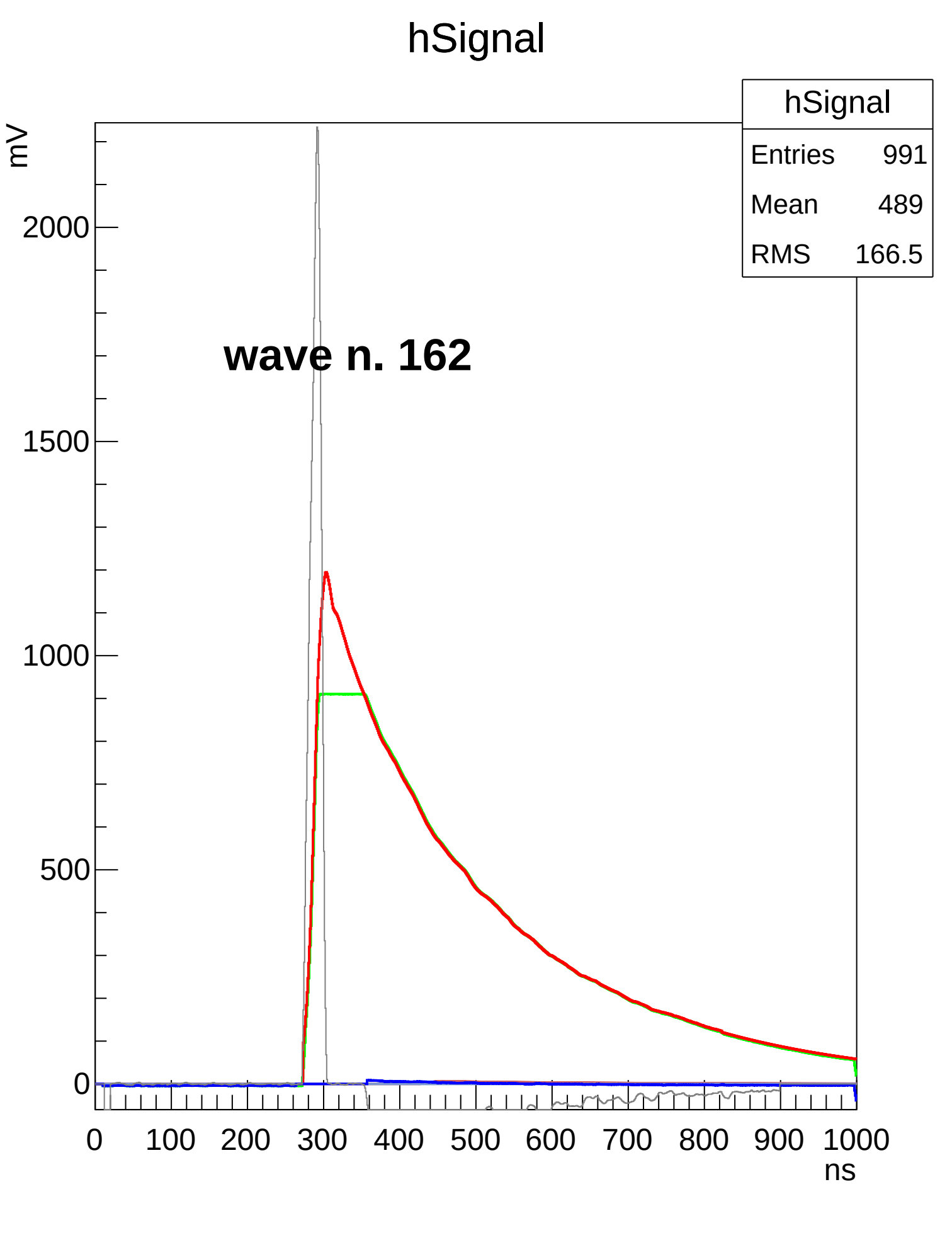

hSignal
hSignal
Entries 991
Mean 473.6
RMS 167.8
wave n. 157
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

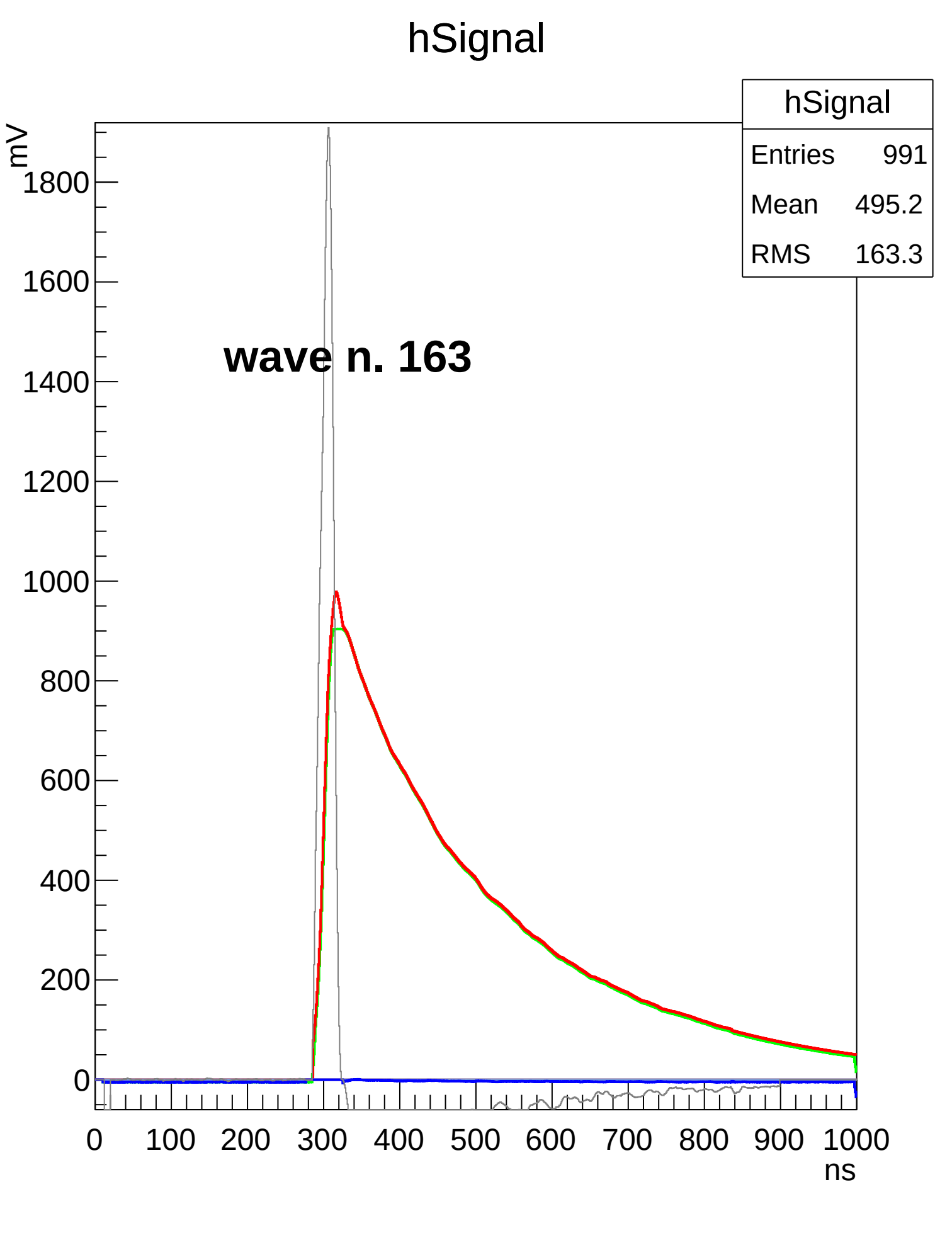

hSignal
hSignal
Entries 991
Mean 608.6
RMS 152.2
wave n. 158
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

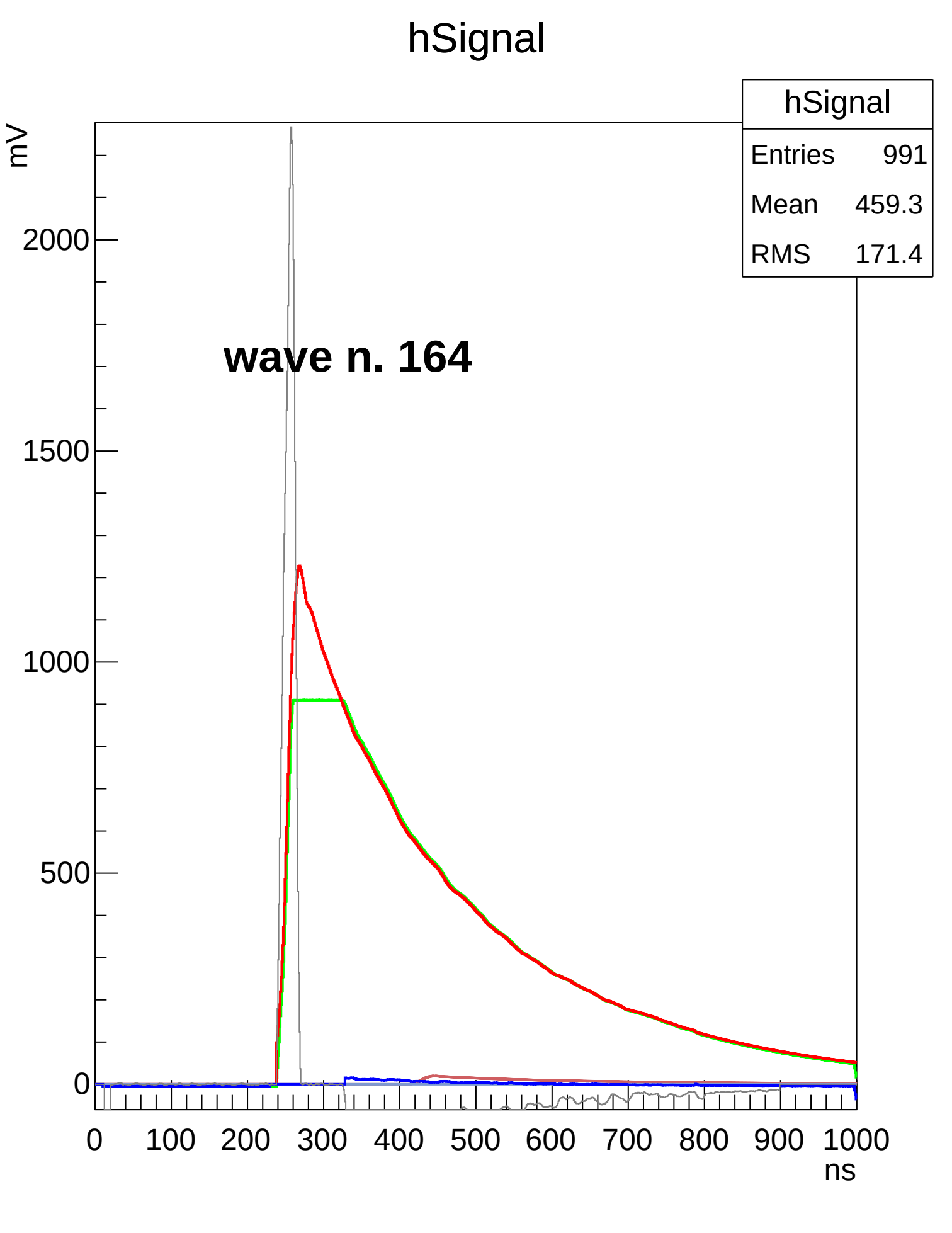

hSignal
hSignal
Entries 991
Mean 485.9
RMS 175.8
wave n. 159
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

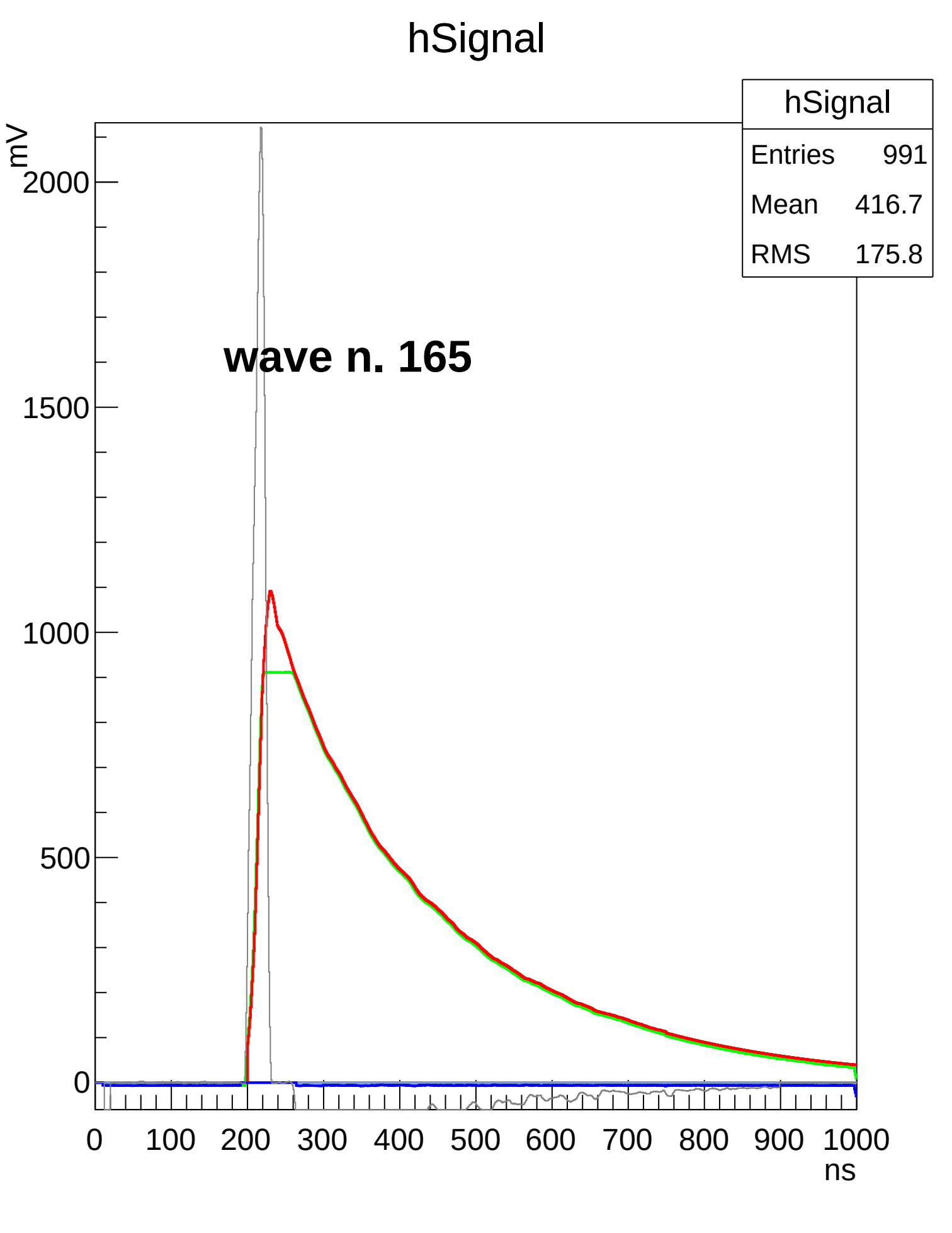

hSignal
hSignal
Entries 991
Mean 547.8
RMS 153.6
wave n. 160
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

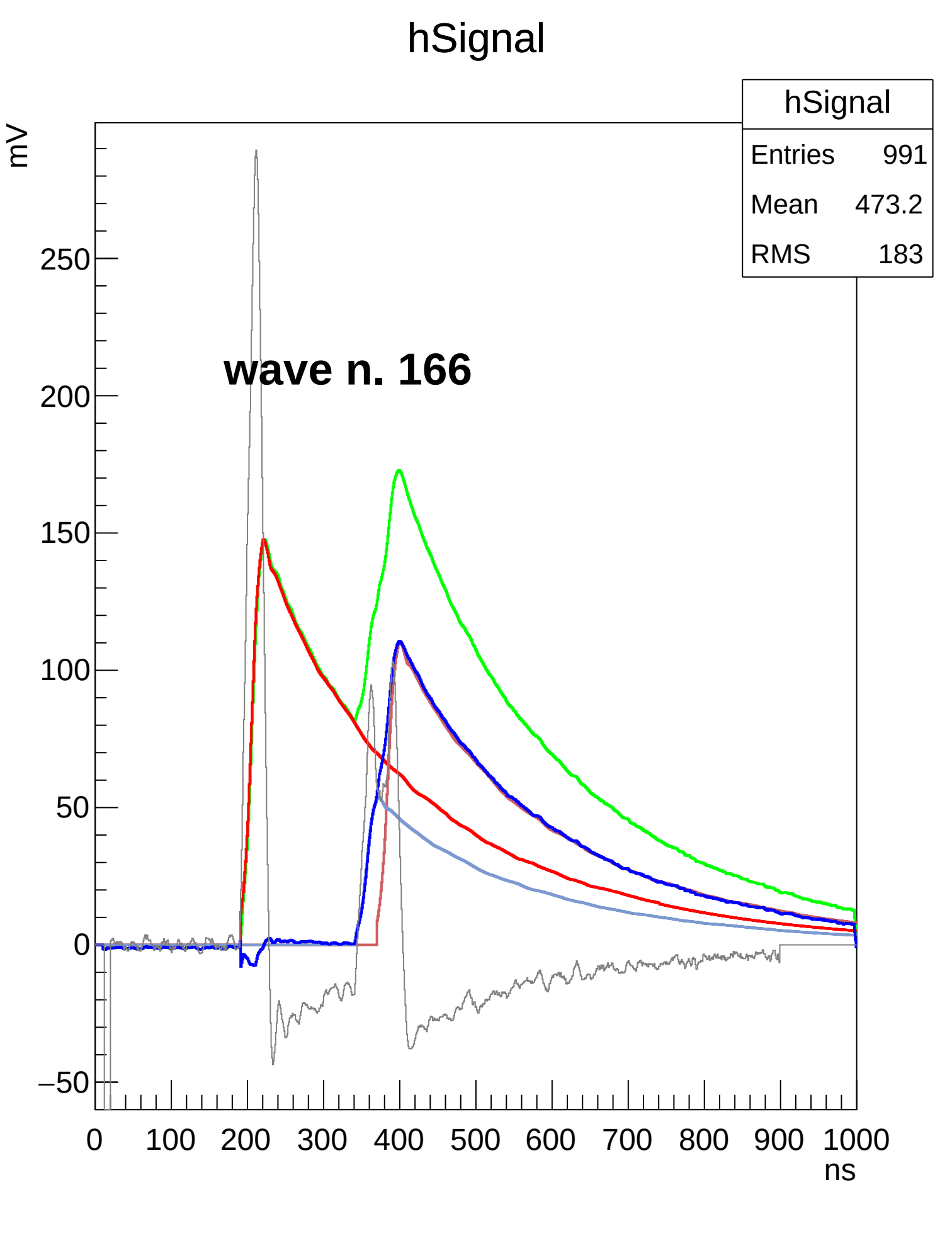

hSignal
hSignal
Entries 991
Mean 644.3
RMS 165
wave n. 161
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 489
RMS 166.5
wave n. 162
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 495.2
RMS 163.3
wave n. 163
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 459.3
RMS 171.4
wave n. 164
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 416.7
RMS 175.8
wave n. 165
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 473.2
RMS 183
wave n. 166
mV
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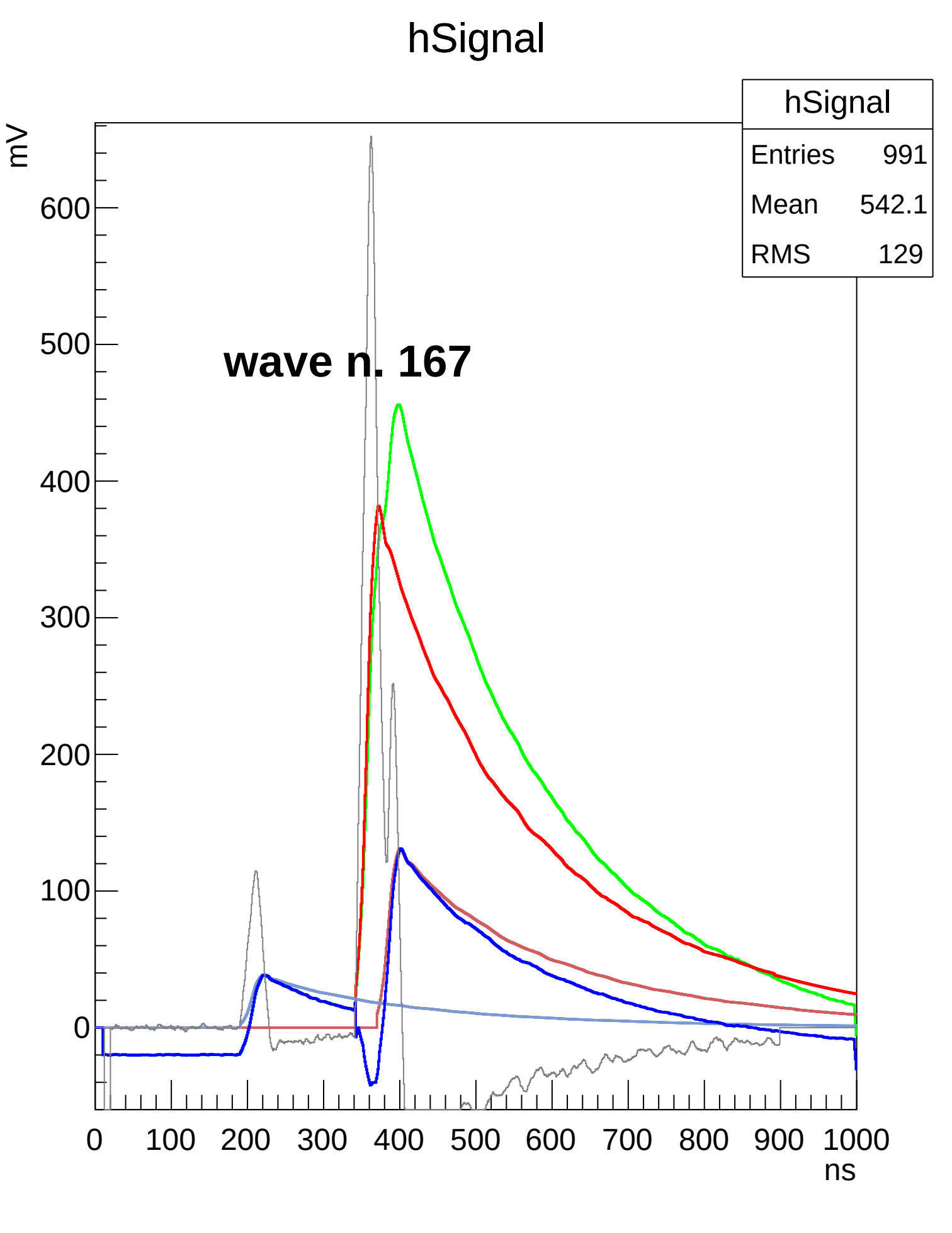
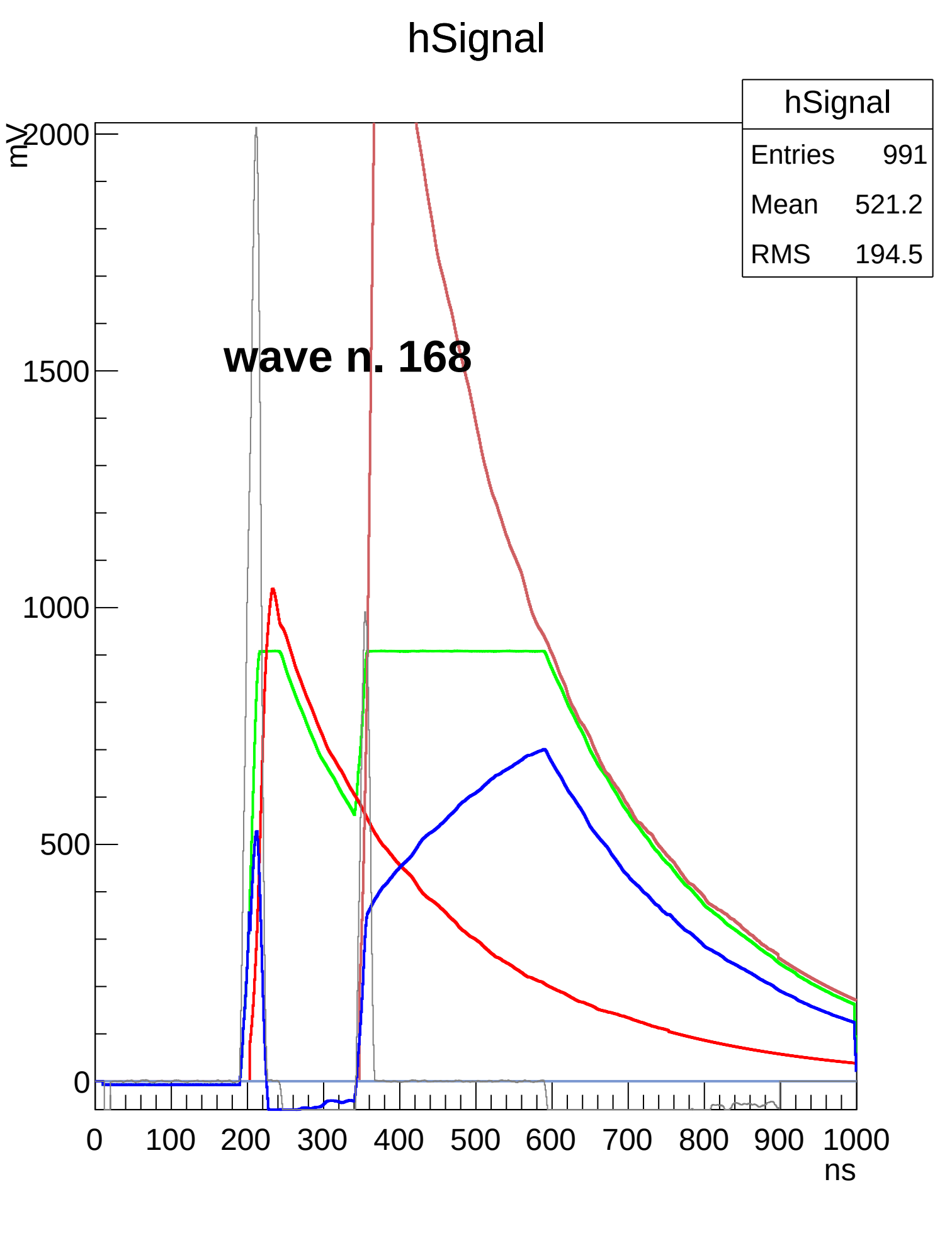
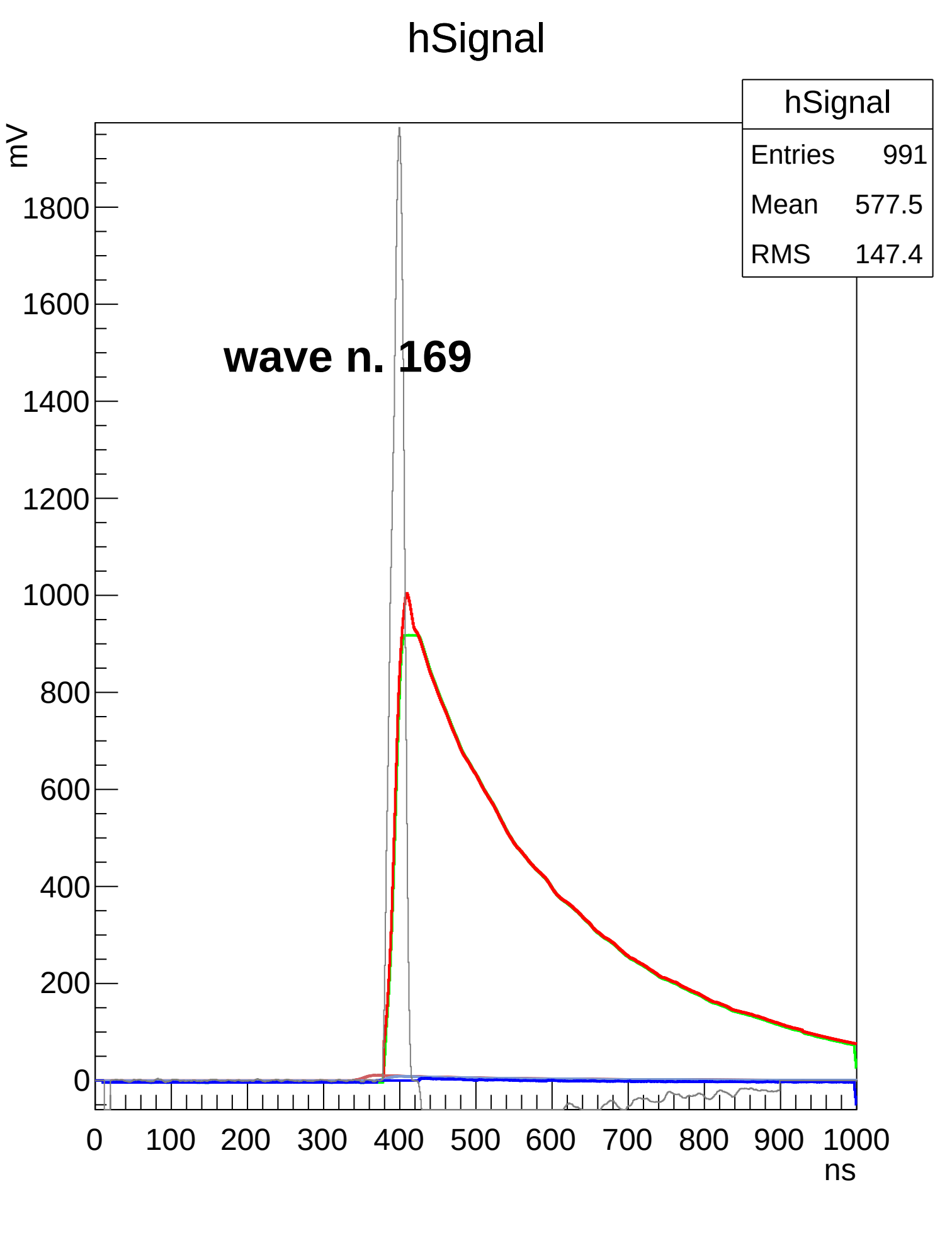
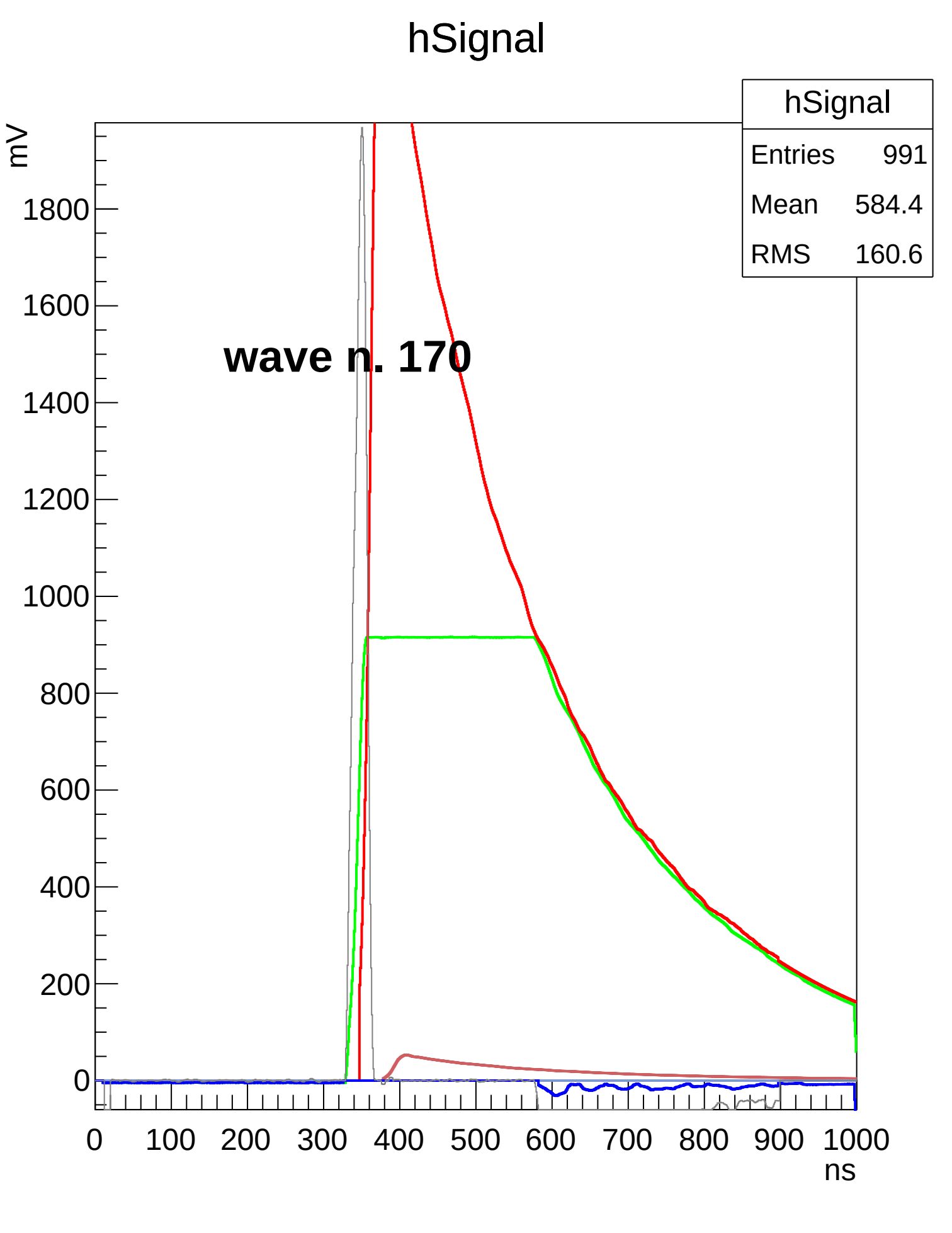
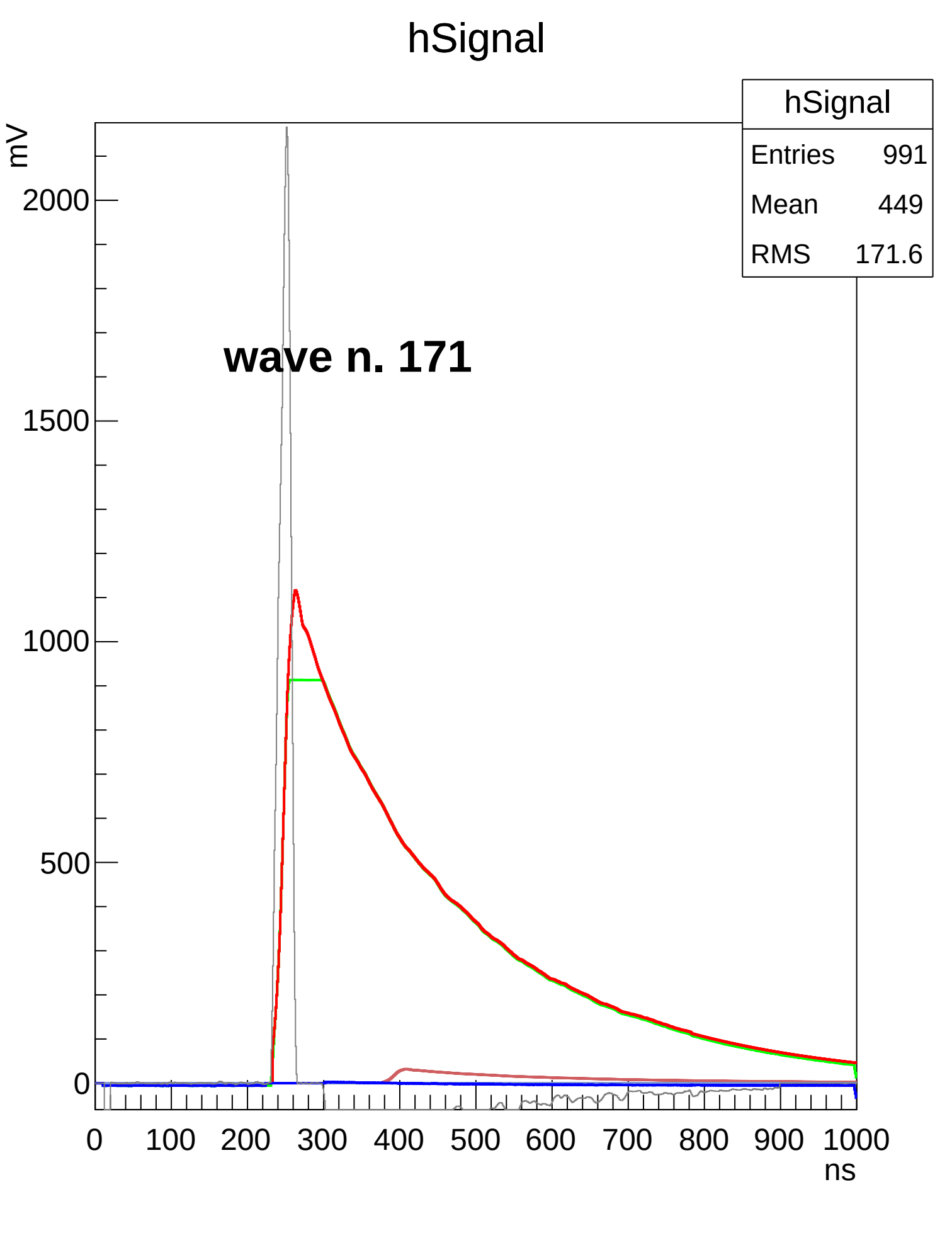
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

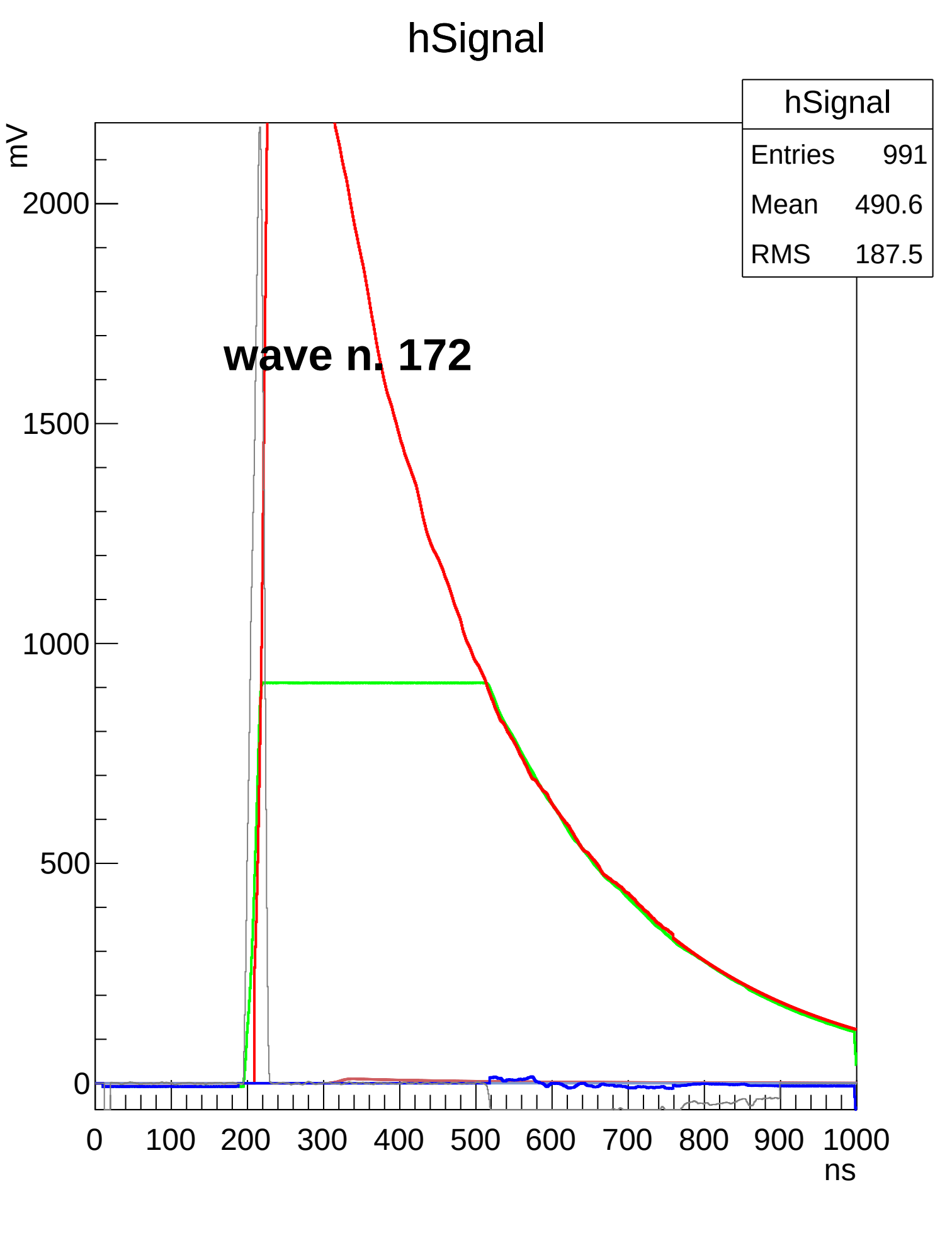

hSignal
hSignal
Entries 991
Mean 542.1
RMS 129
wave n. 167
mV
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 521.2
RMS 194.5
wave n. 168
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.5
RMS 147.4
wave n. 169
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 584.4
RMS 160.6
wave n. 170
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 449
RMS 171.6
wave n. 171
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 490.6
RMS 187.5
wave n. 172
mV
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1500
1000
500
0
0
100
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400
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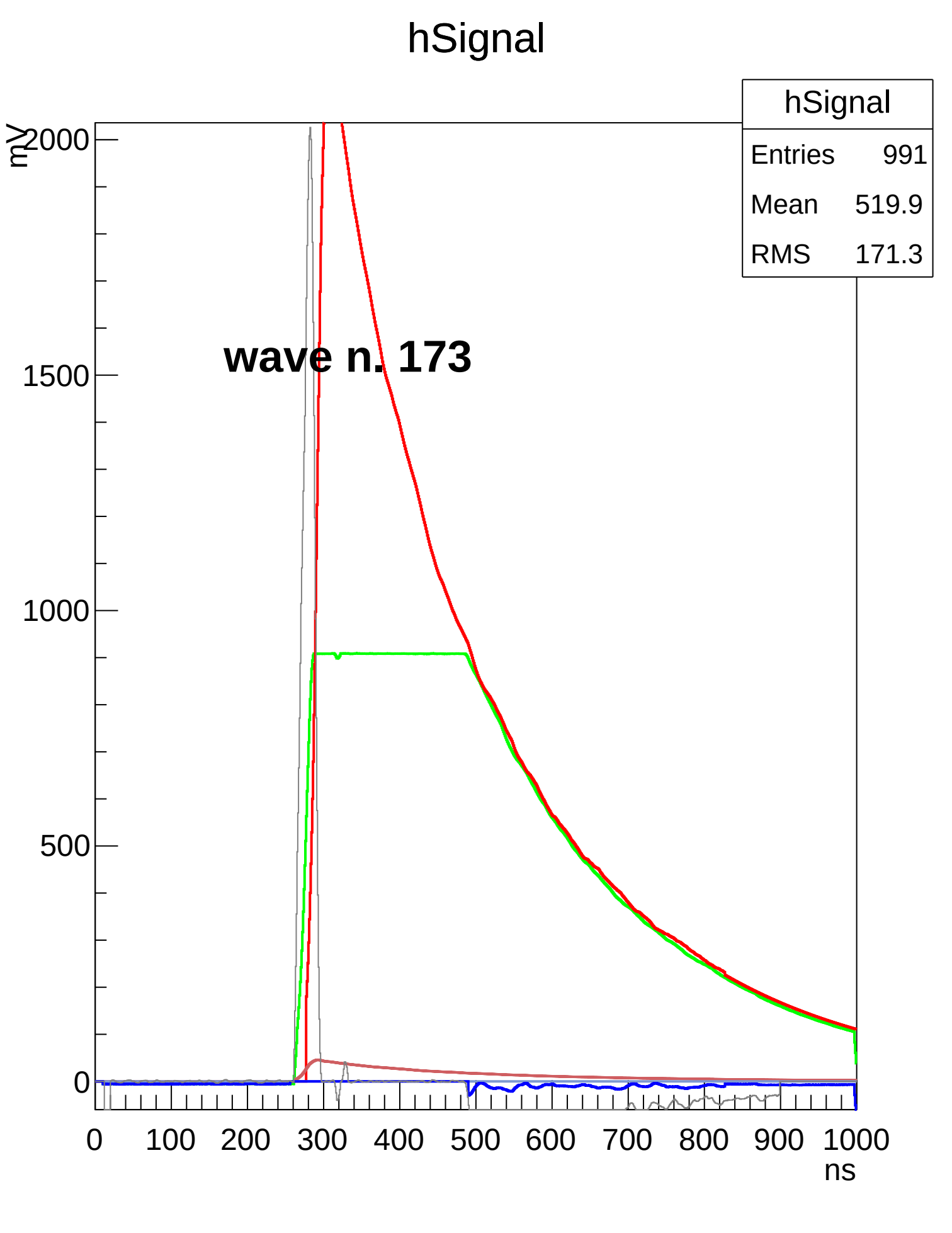
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.9
RMS 171.3
wave n. 173
mV
2000
1500
1000
500
0
0
100
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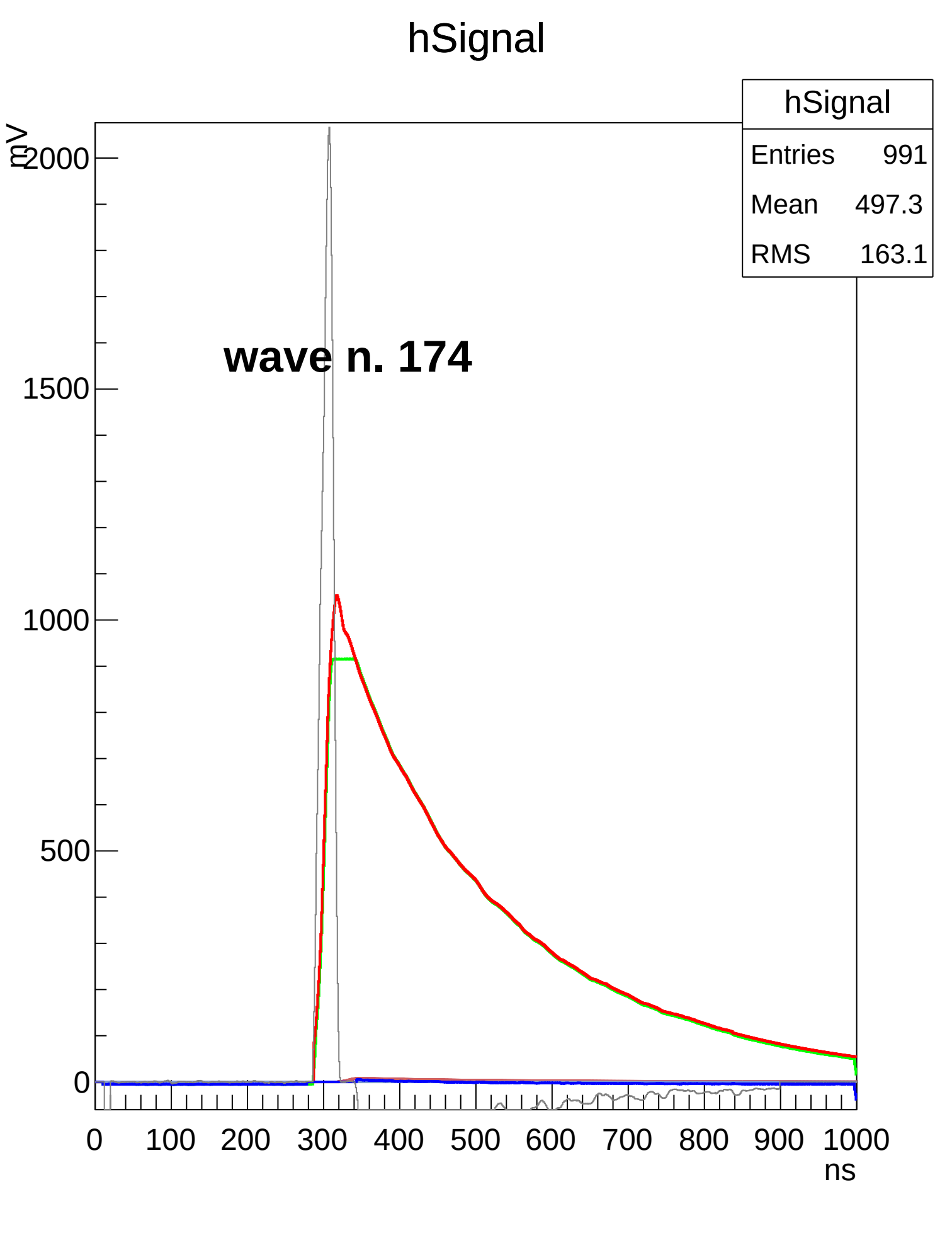
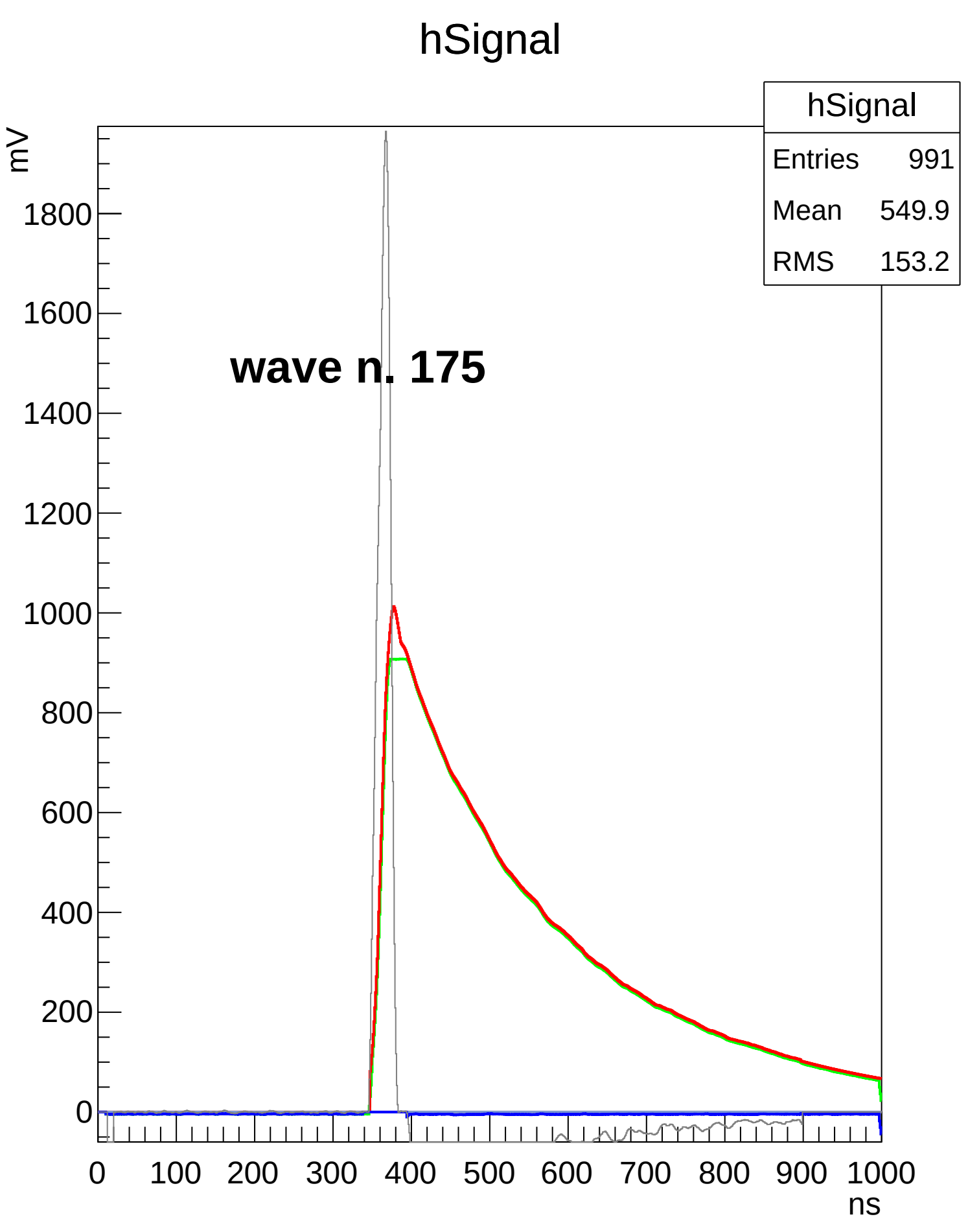
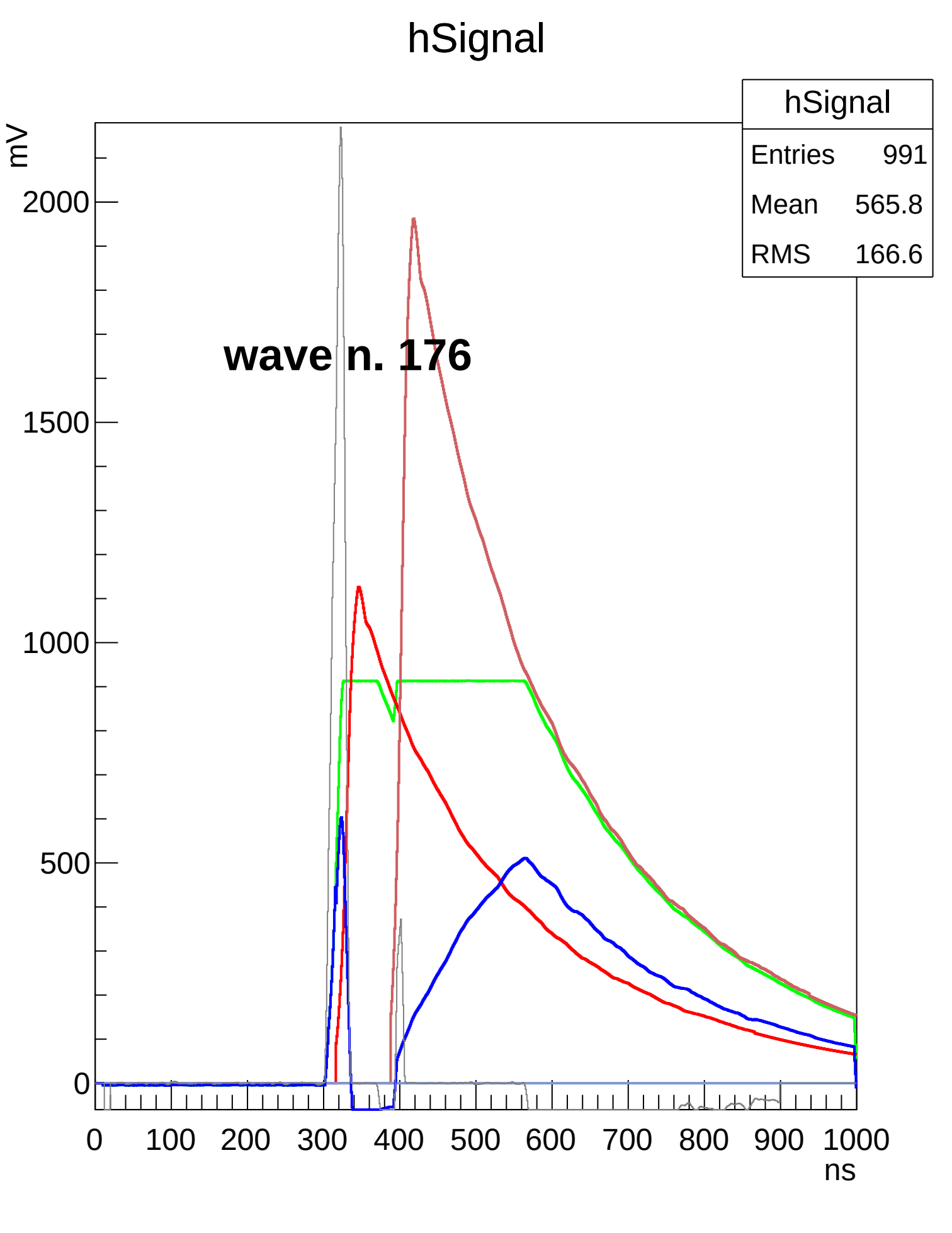
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 497.3
RMS 163.1
wave n. 174
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 549.9
RMS 153.2
wave n. 175
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.8
RMS 166.6
wave n. 176
mV
2000
1500
1000
500
0
0
100
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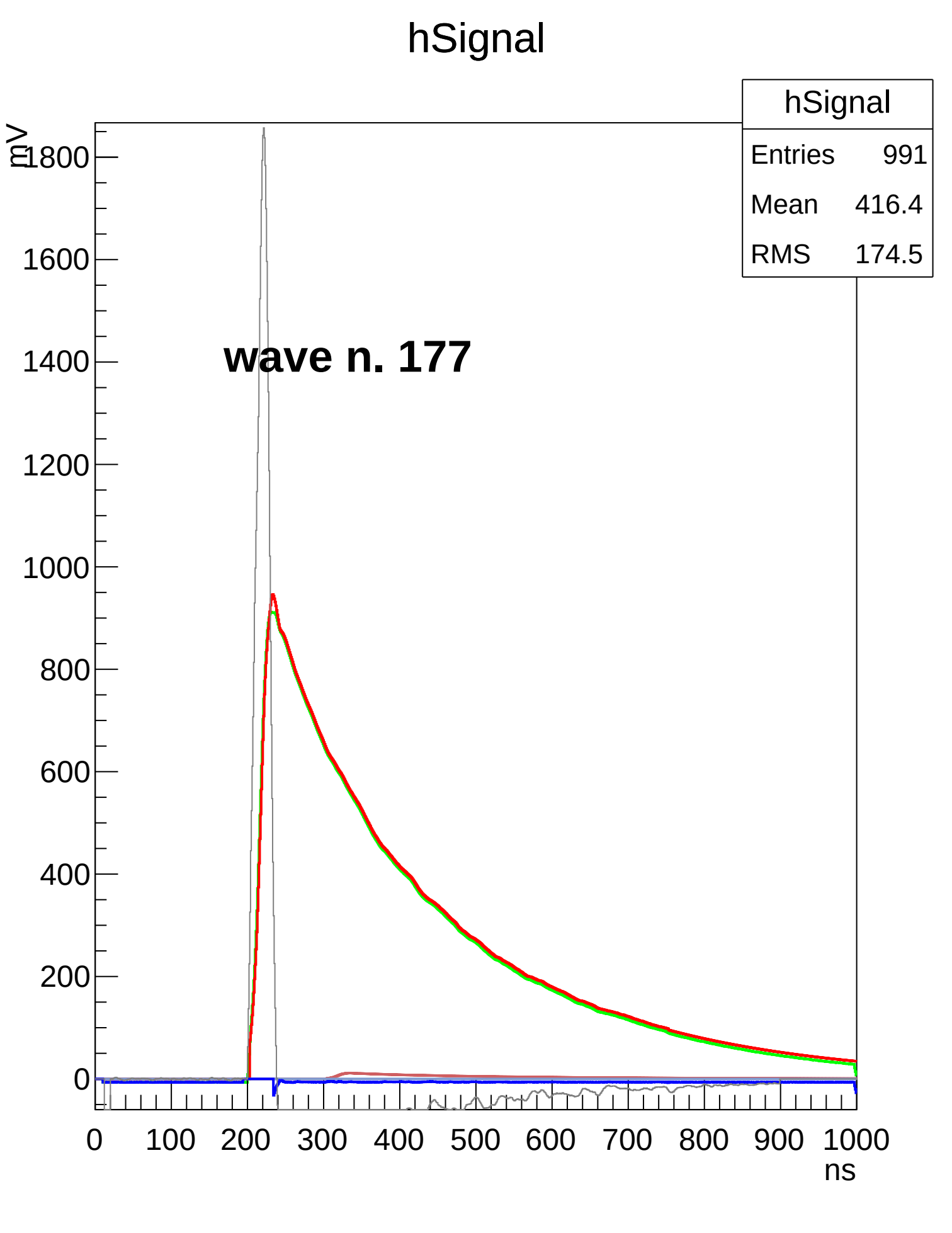
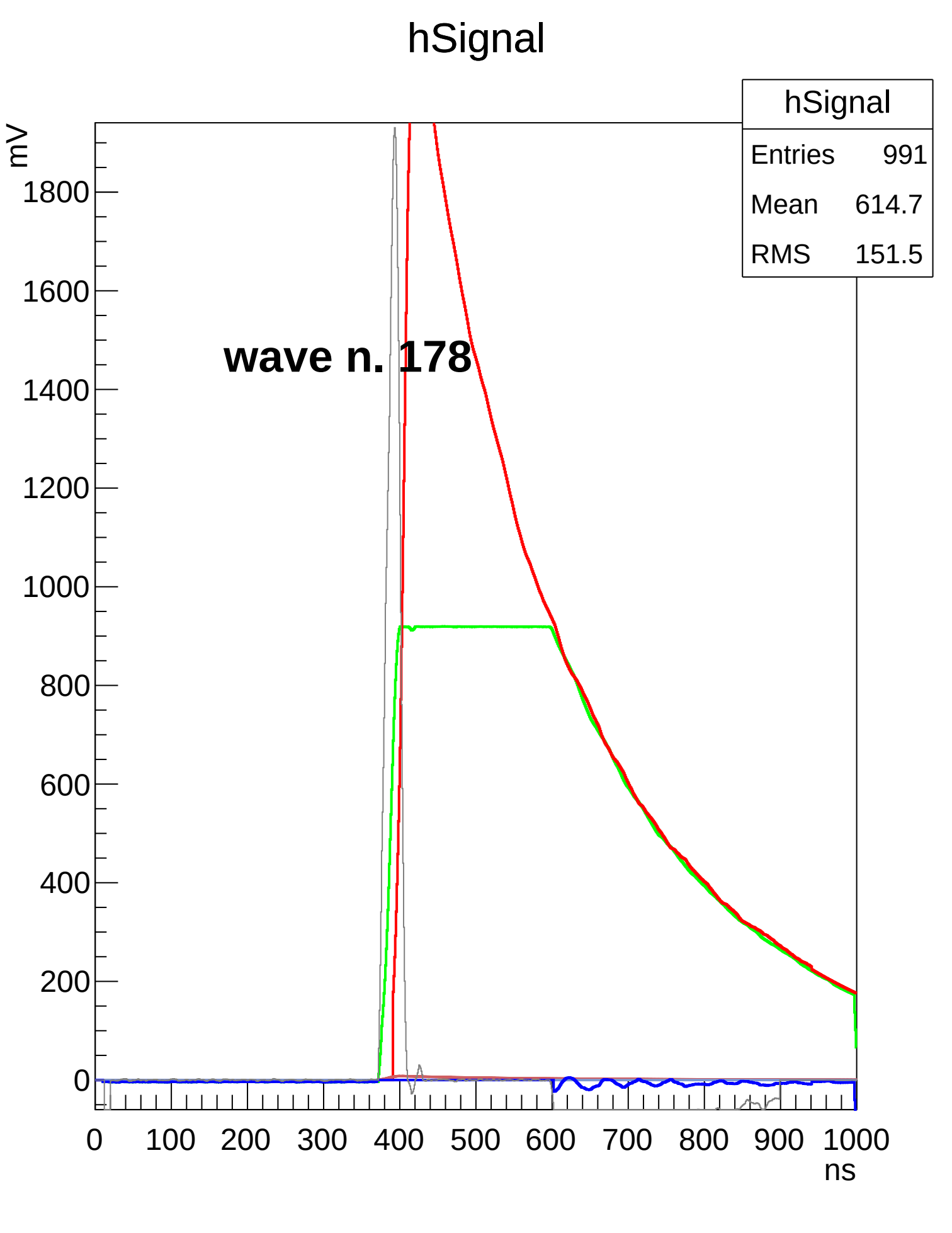
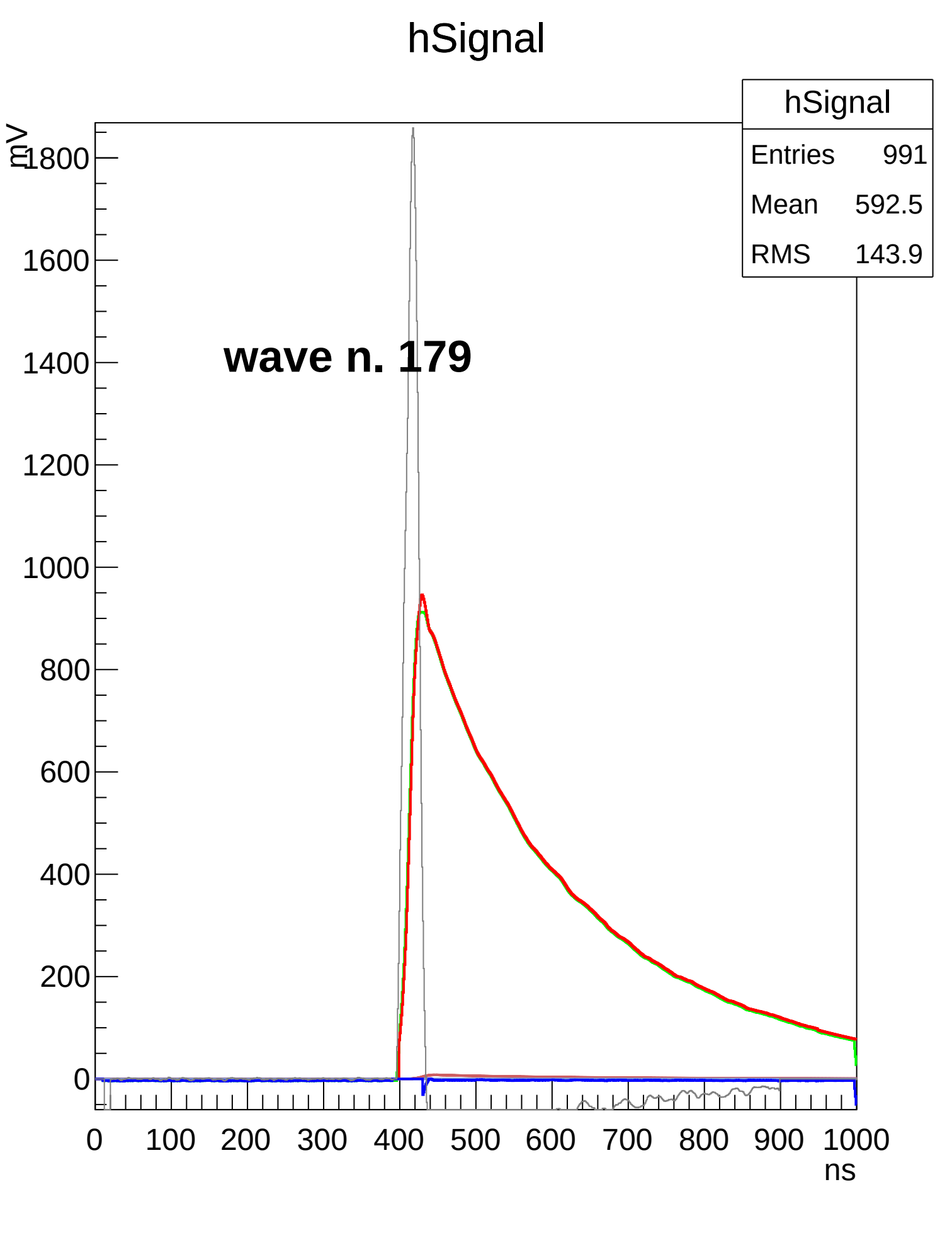
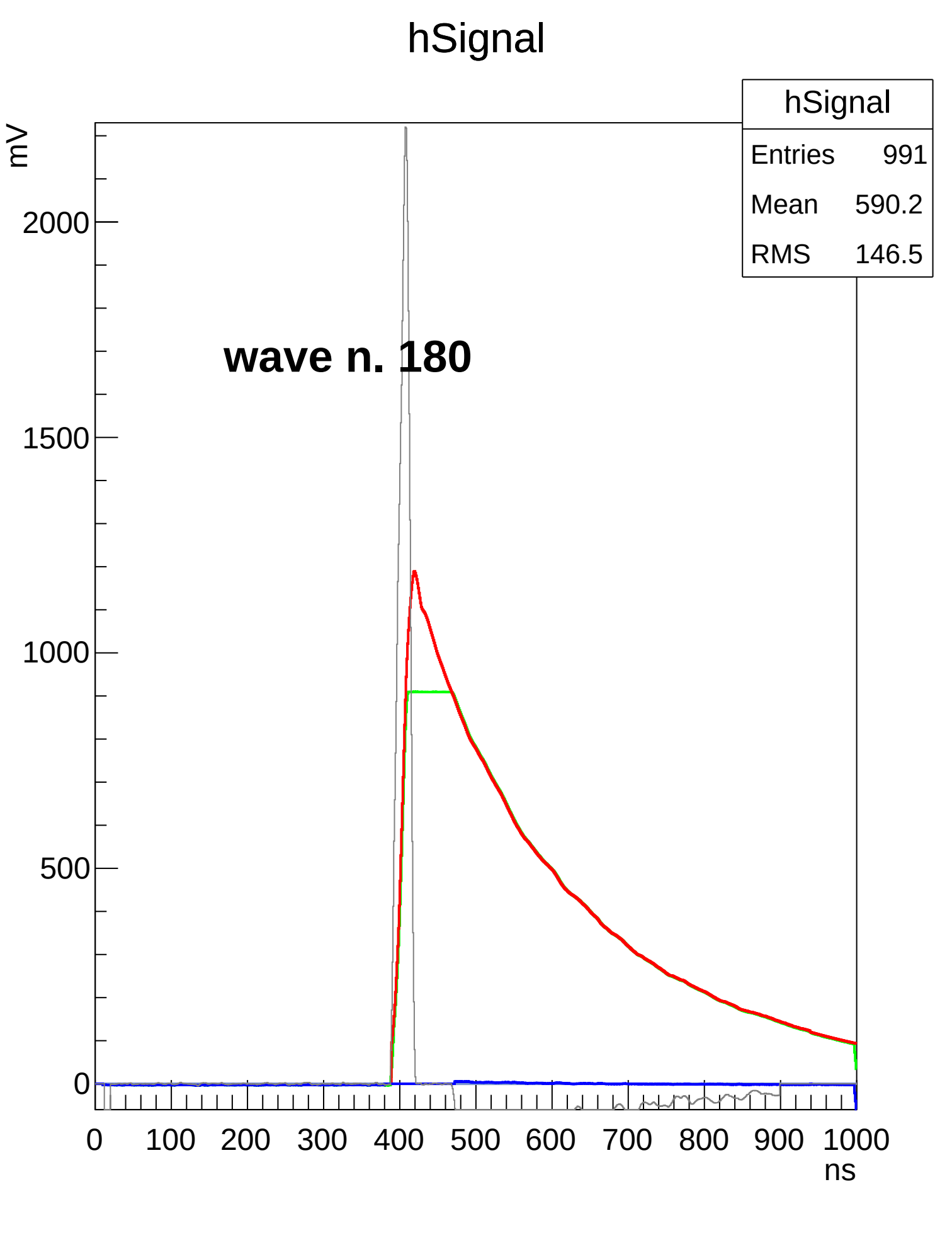
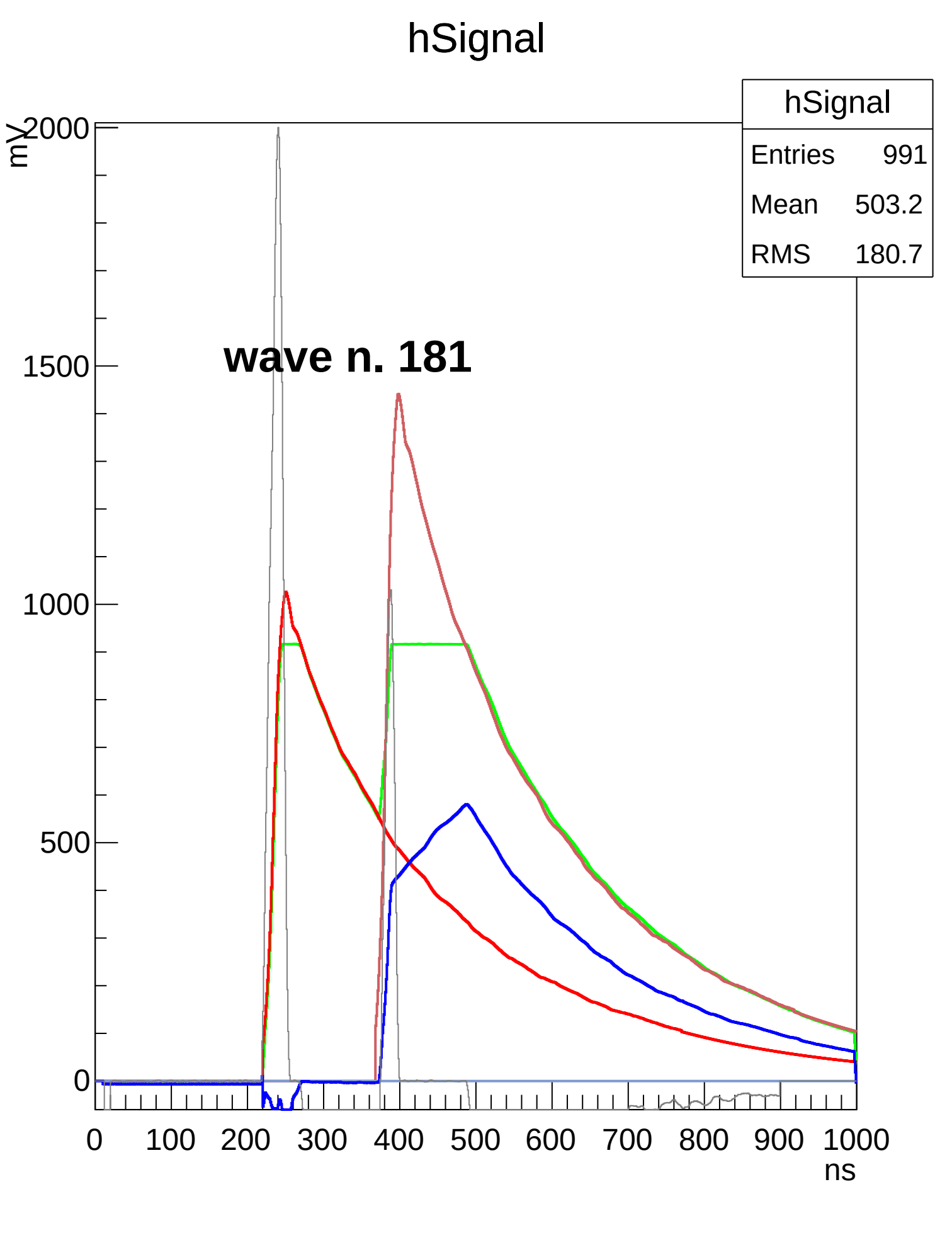
800
900
1000
ns

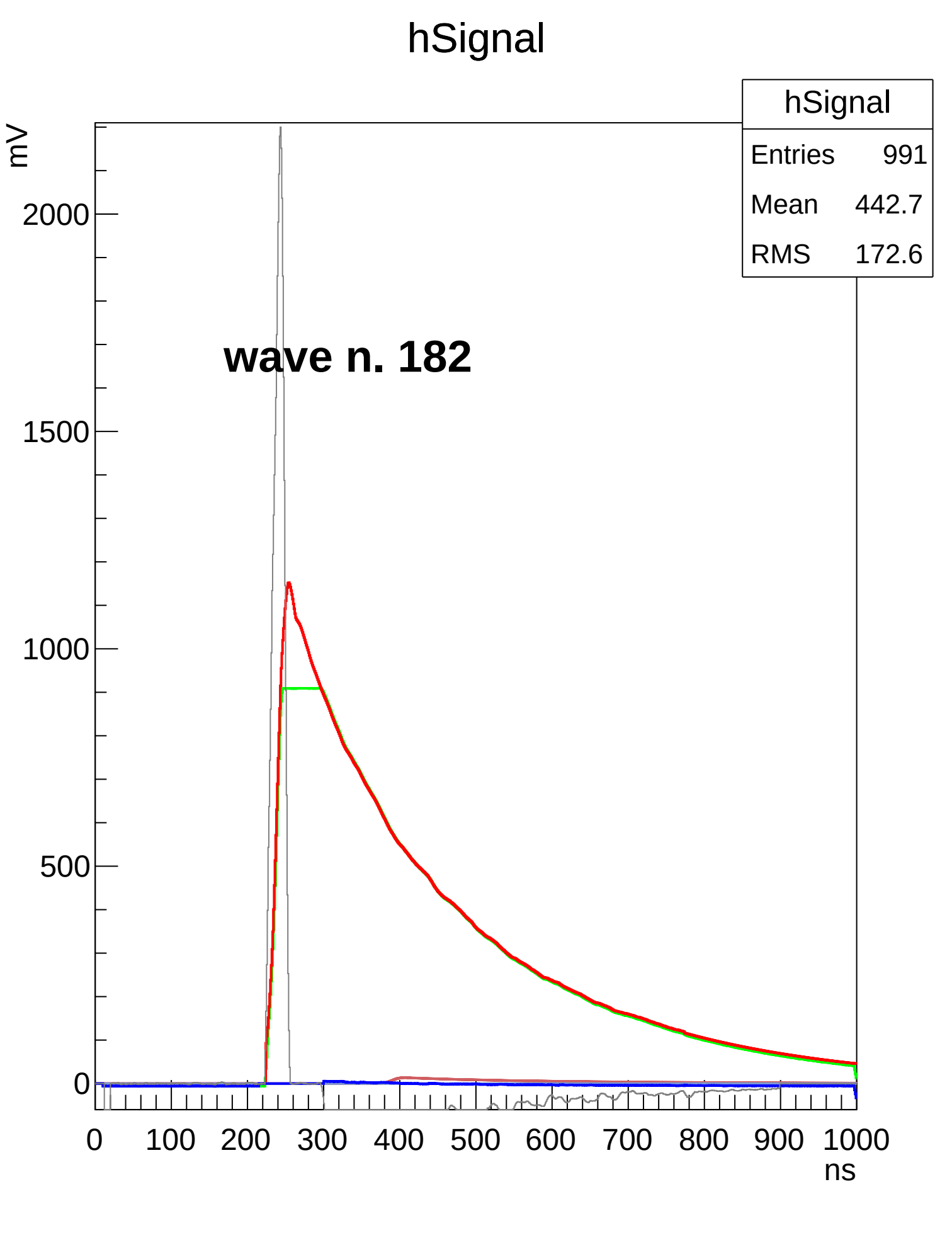

hSignal
hSignal
Entries 991
Mean 416.4
RMS 174.5
wave n. 177
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

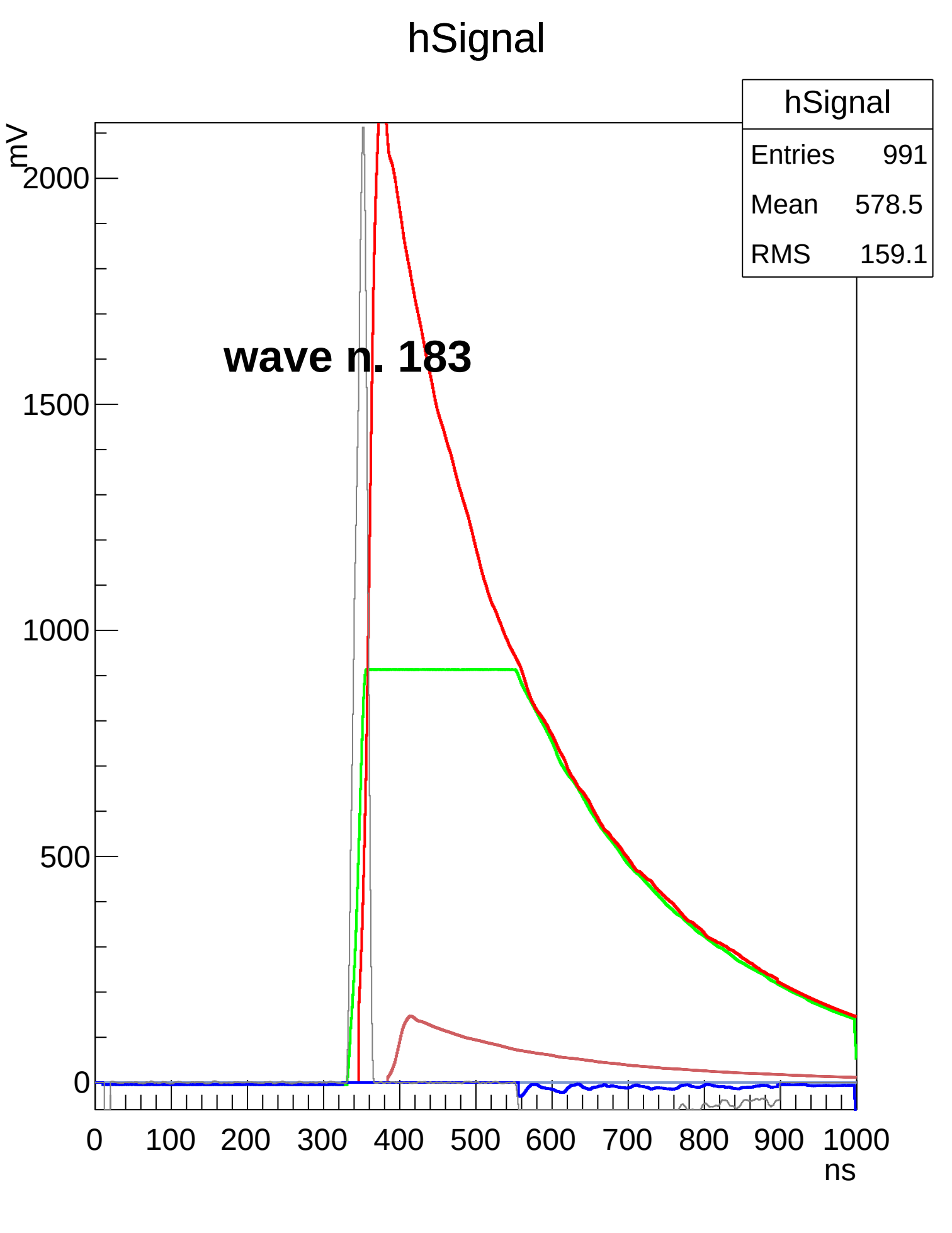

hSignal
hSignal
Entries 991
Mean 614.7
RMS 151.5
wave n. 178
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

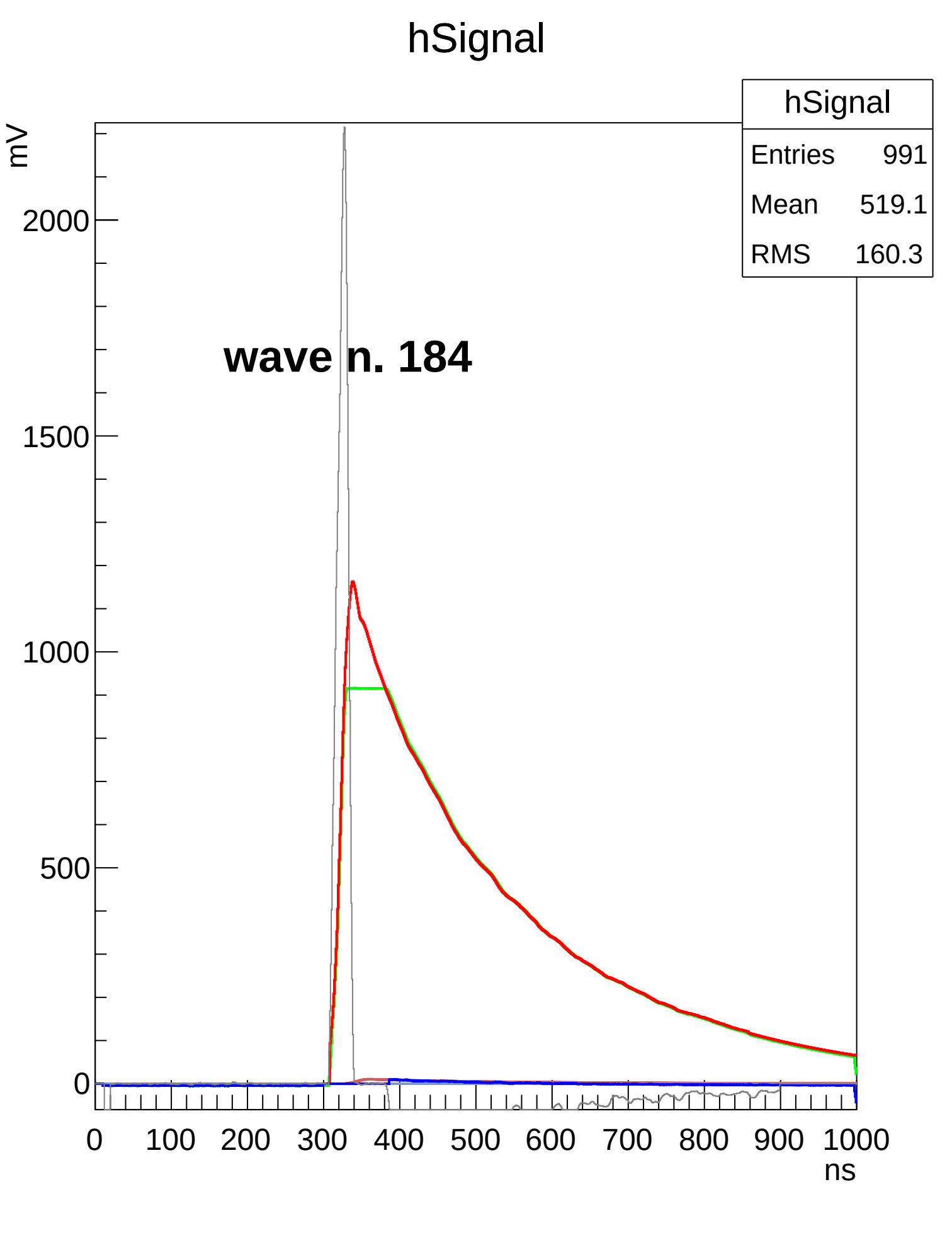

hSignal
hSignal
Entries 991
Mean 592.5
RMS 143.9
wave n. 179
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

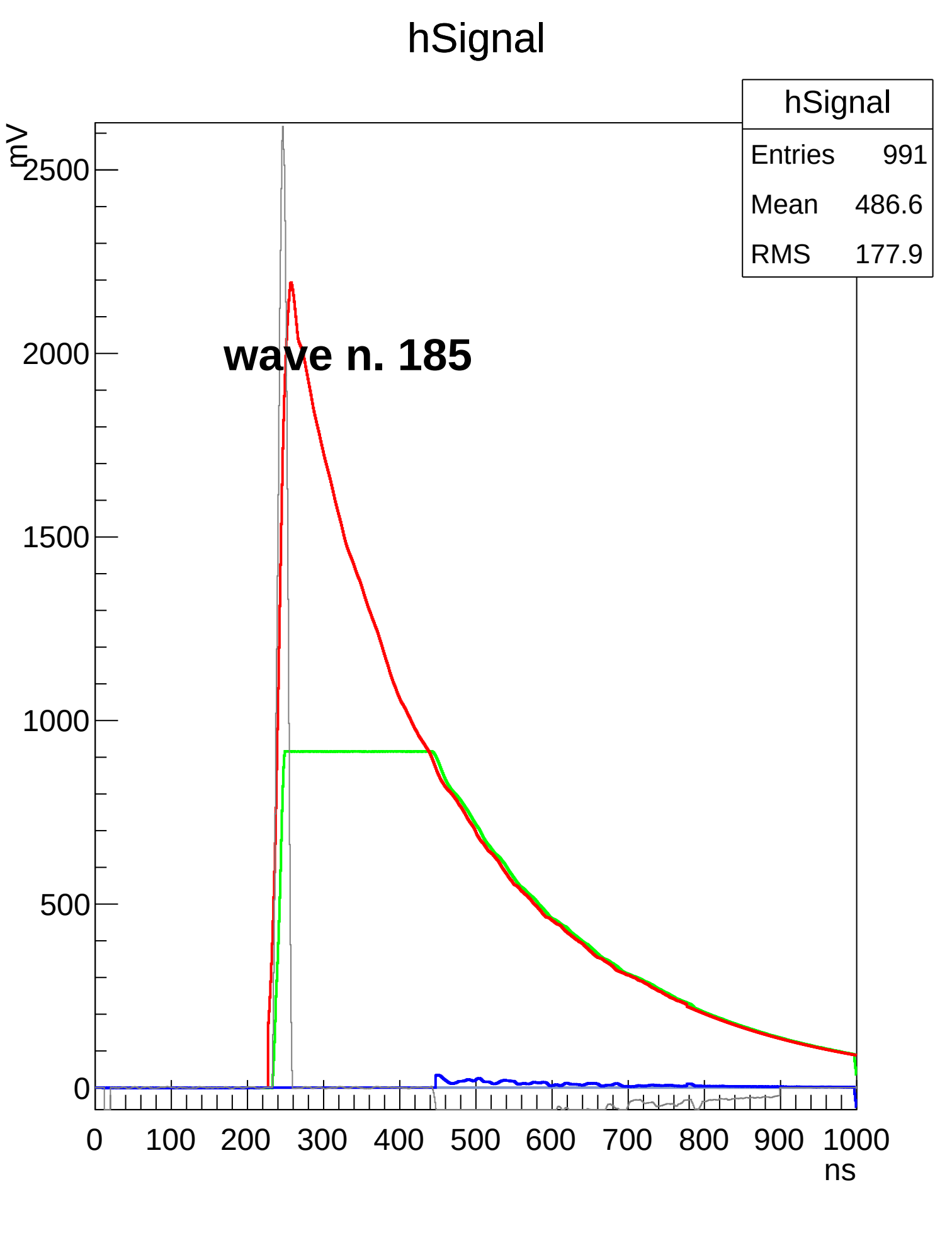

hSignal
hSignal
Entries 991
Mean 590.2
RMS 146.5
wave n. 180
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

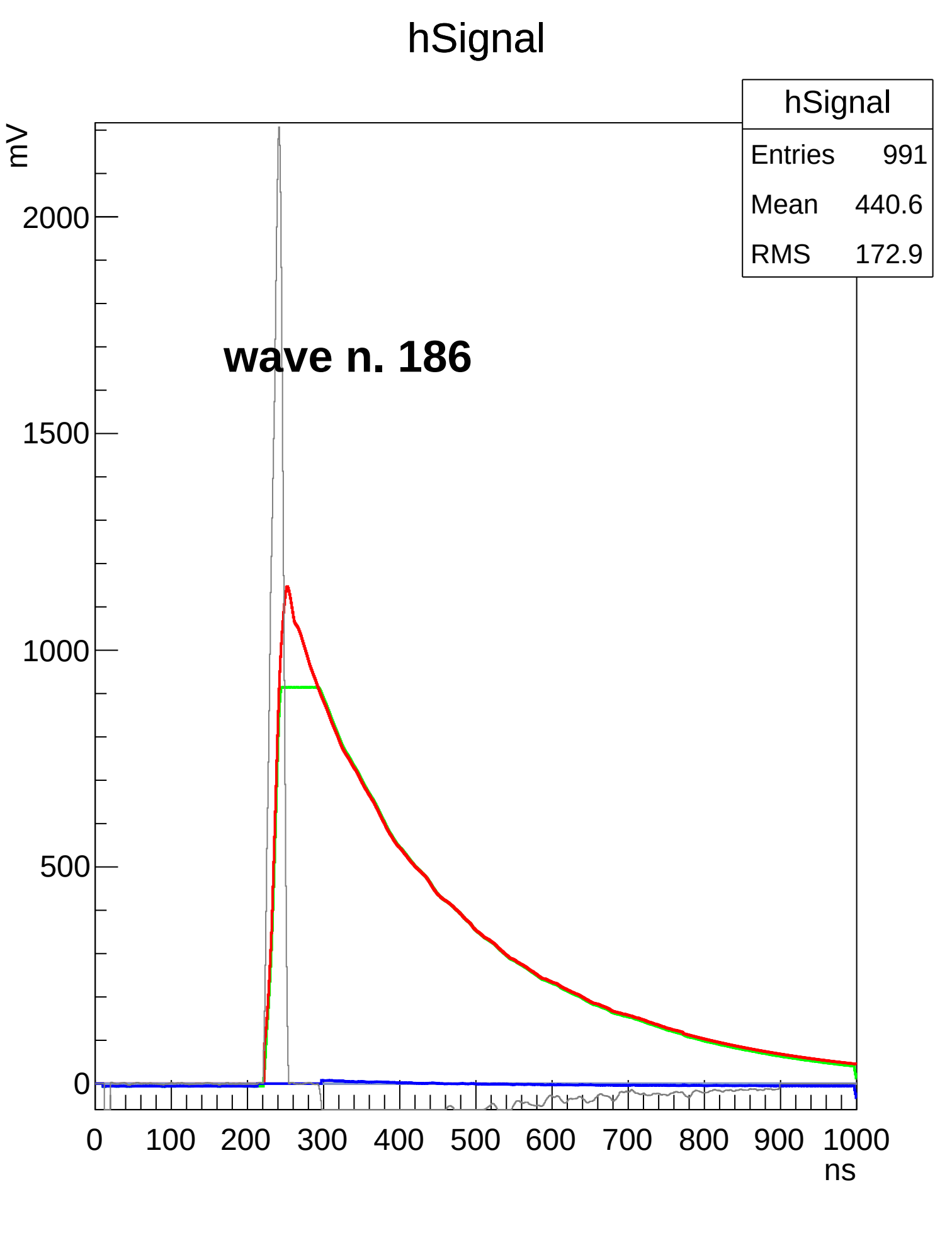

hSignal
hSignal
Entries 991
Mean 503.2
RMS 180.7
wave n. 181
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

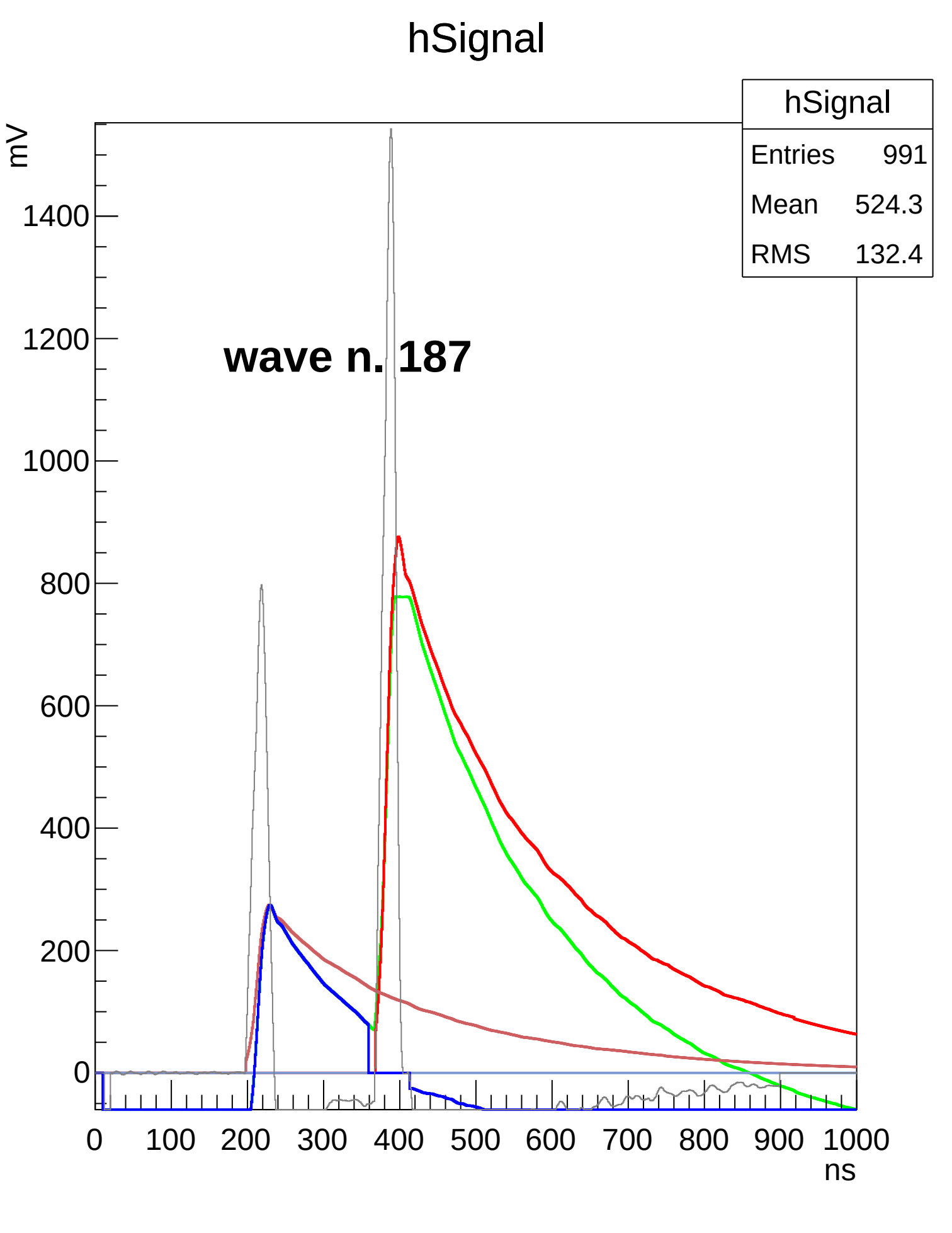

hSignal
hSignal
Entries 991
Mean 442.7
RMS 172.6
wave n. 182
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

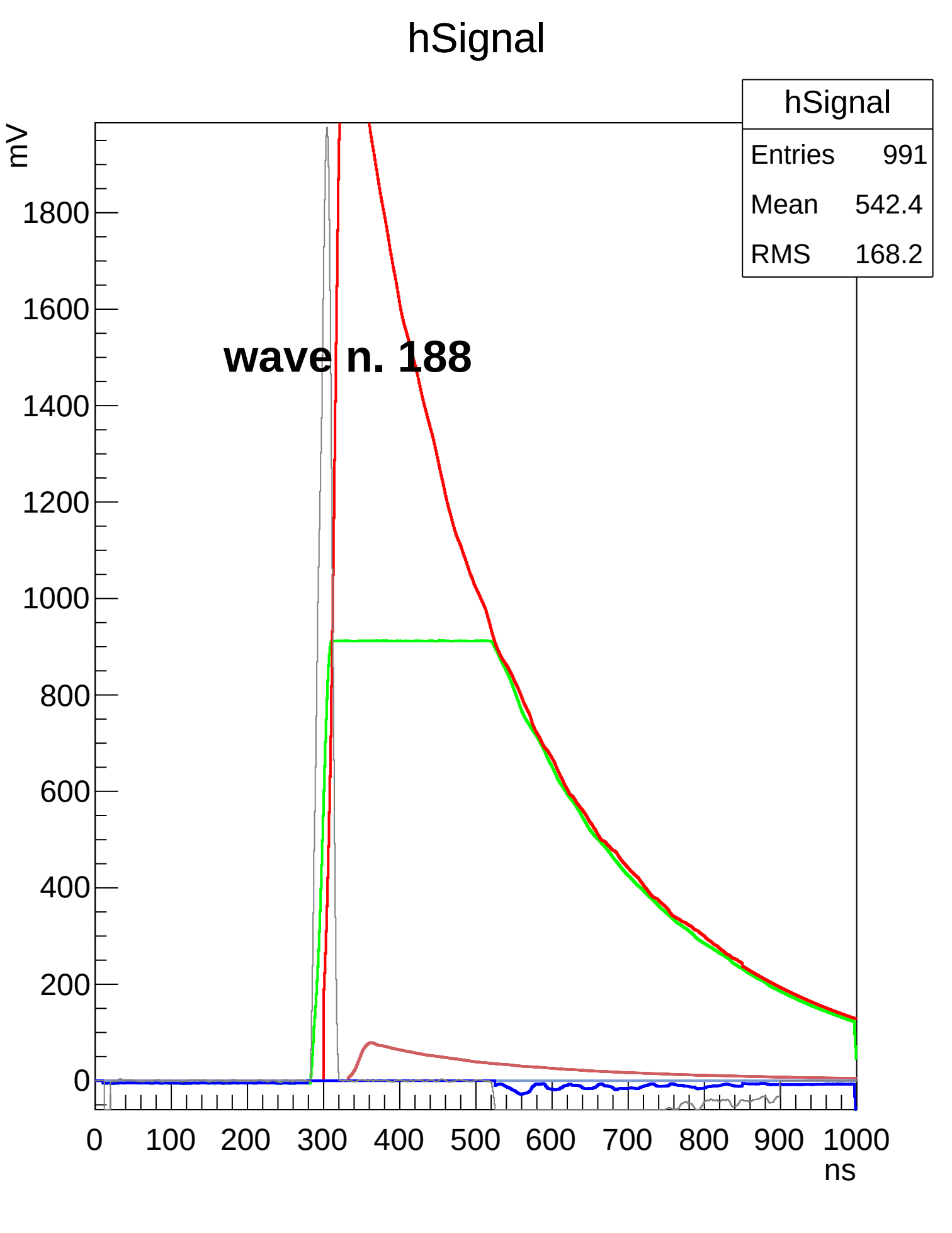

hSignal
hSignal
Entries 991
Mean 578.5
RMS 159.1
wave n. 183
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

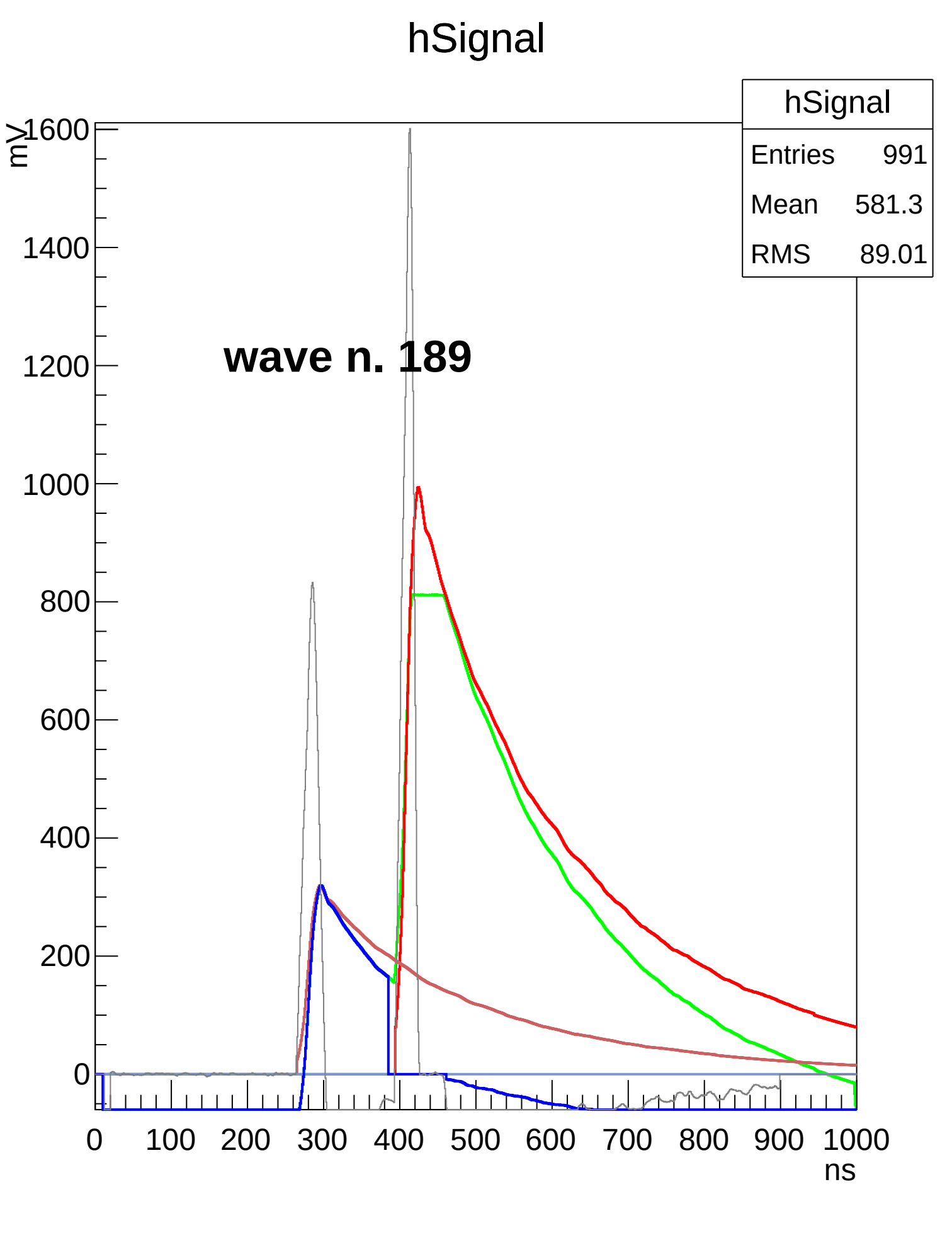

hSignal
hSignal
Entries 991
Mean 519.1
RMS 160.3
wave n. 184
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

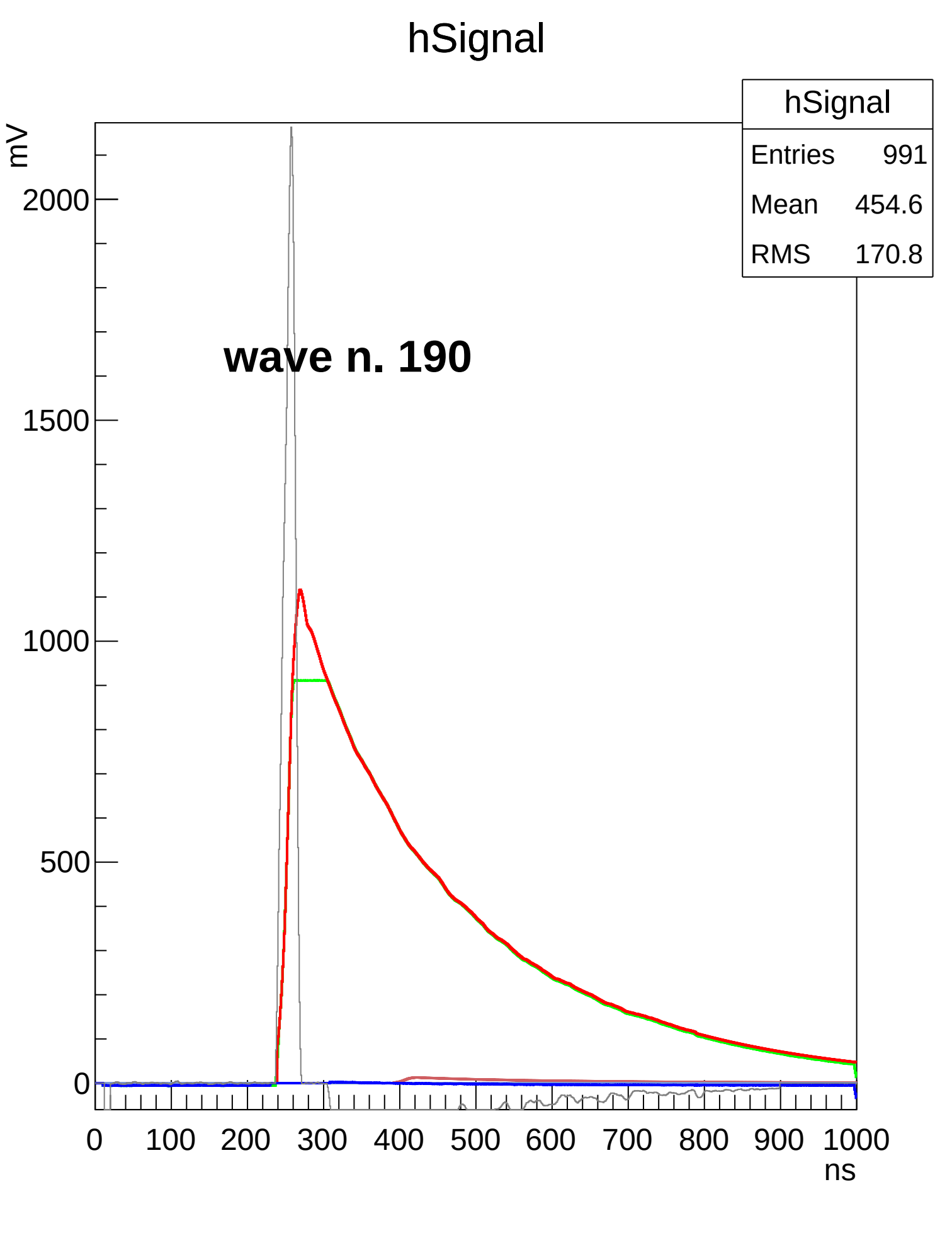

hSignal
hSignal
Entries 991
Mean 486.6
RMS 177.9
wave n. 185
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

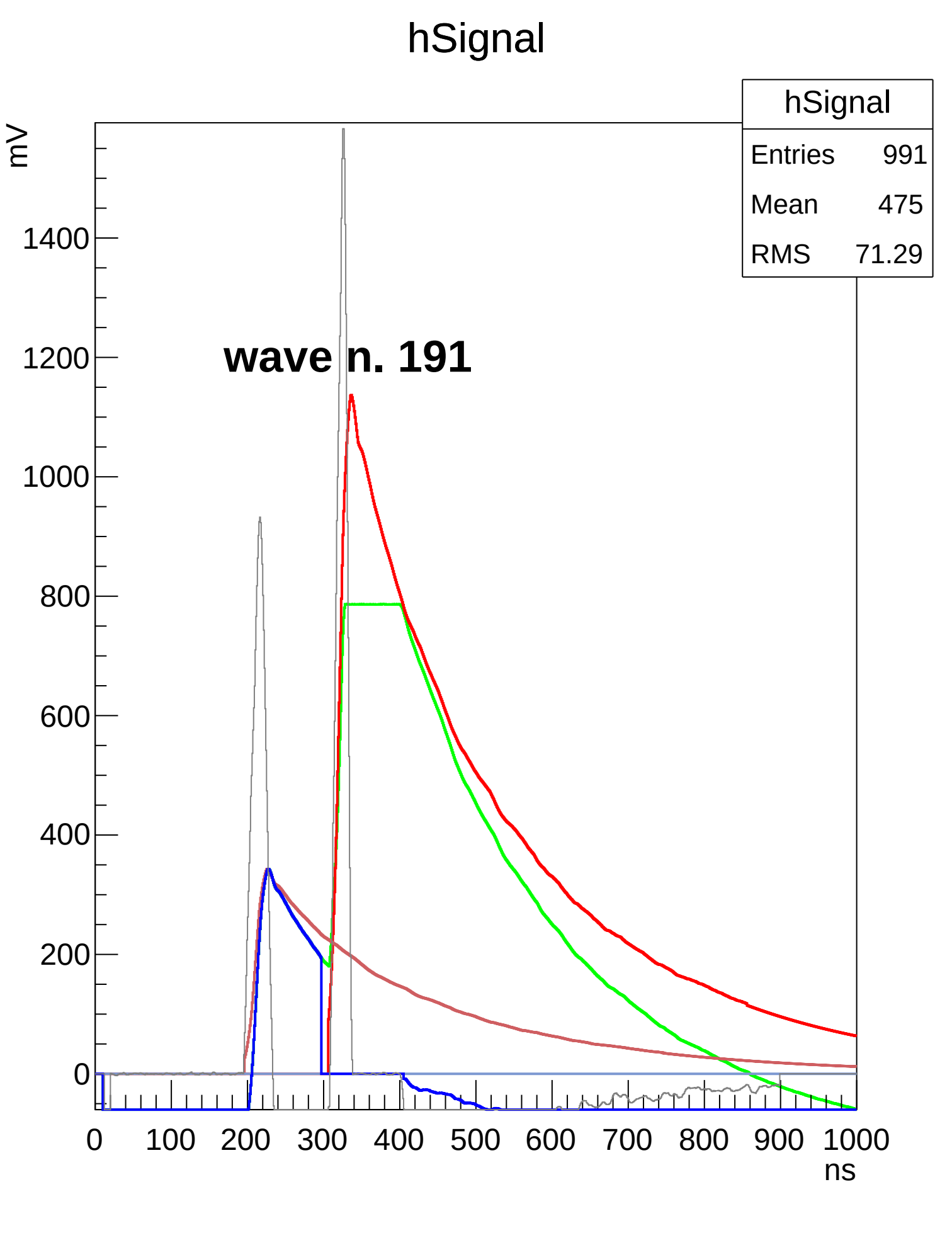

hSignal
hSignal
Entries 991
Mean 440.6
RMS 172.9
wave n. 186
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

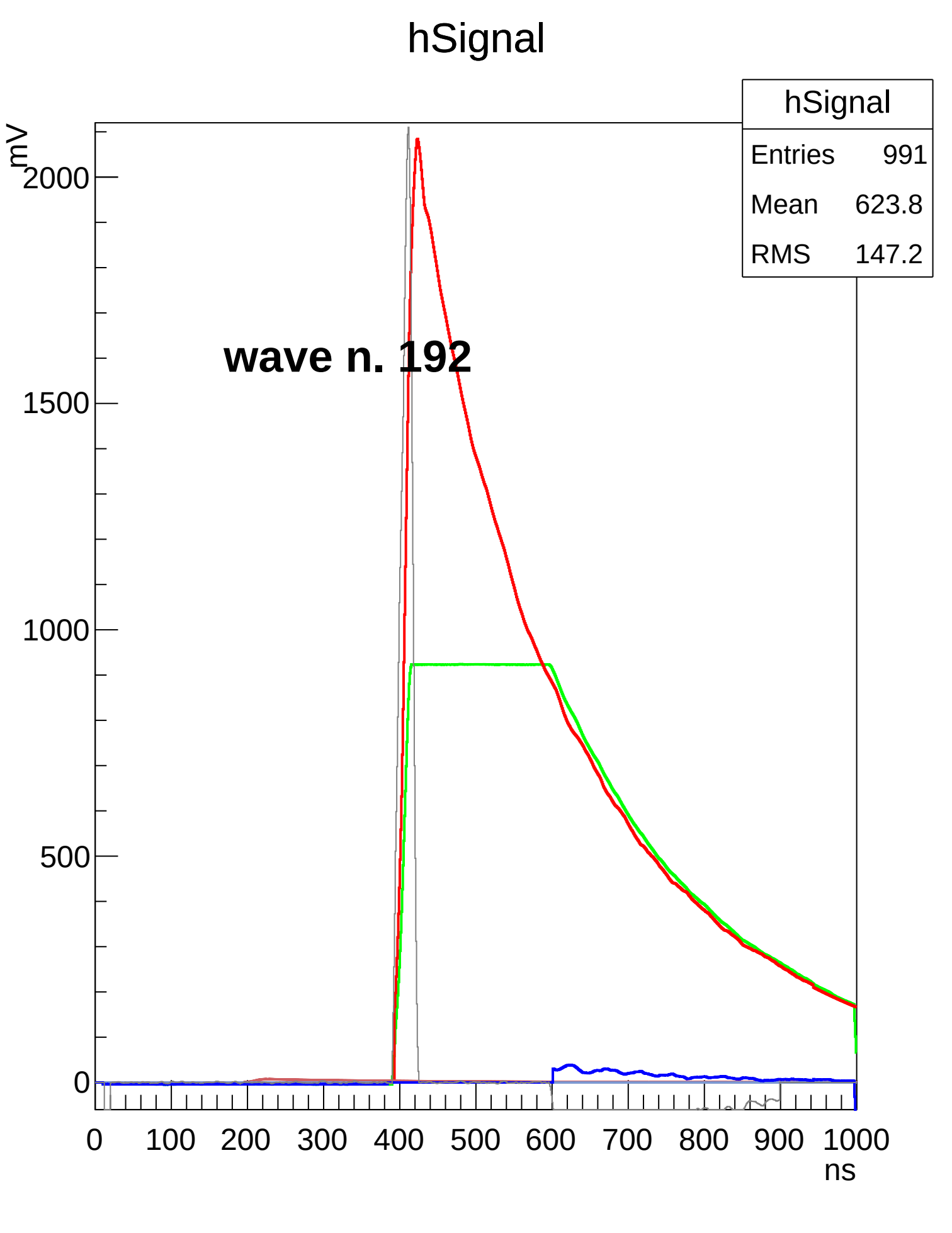

hSignal
hSignal
Entries 991
Mean 524.3
RMS 132.4
wave n. 187
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

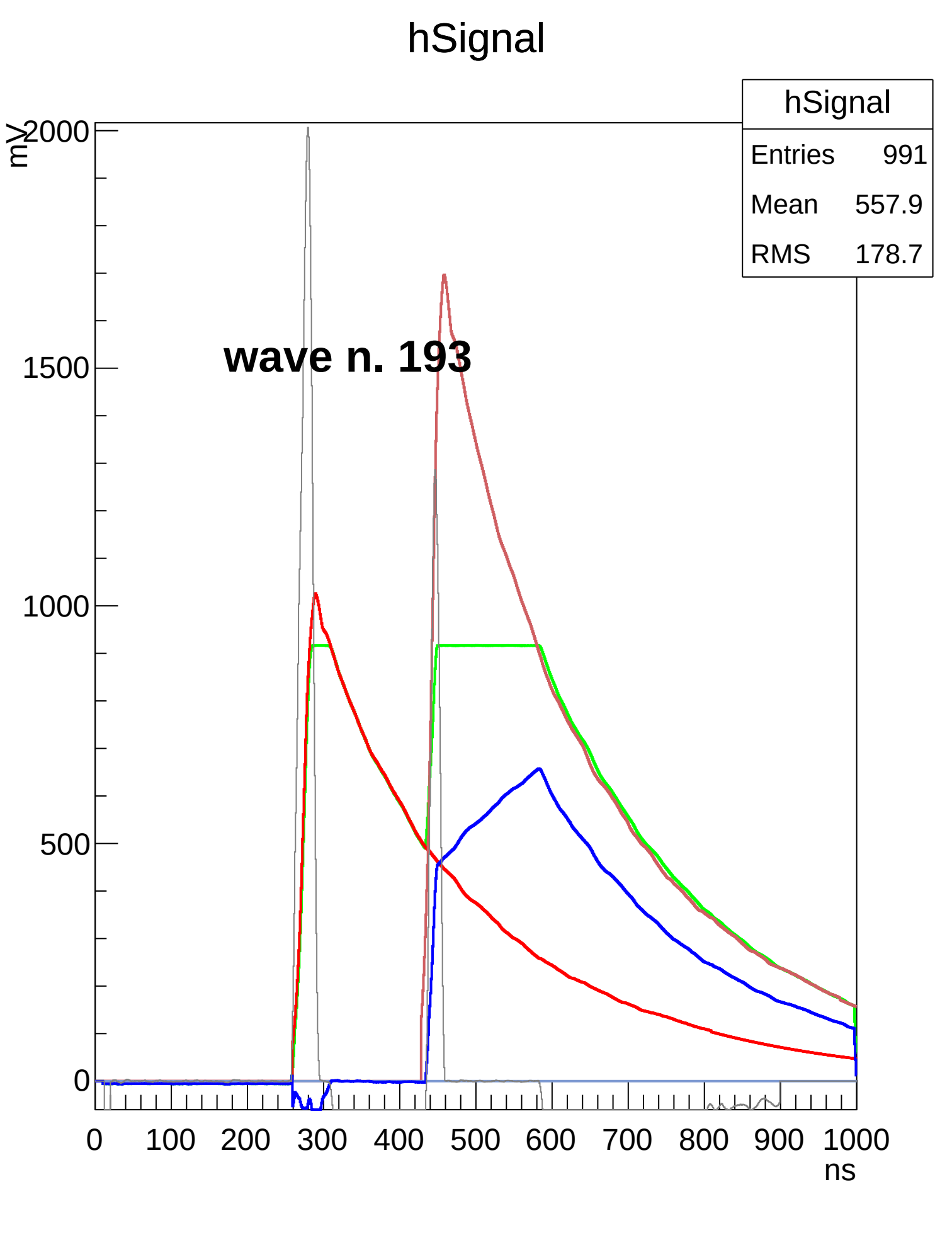

hSignal
hSignal
Entries 991
Mean 542.4
RMS 168.2
wave n. 188
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

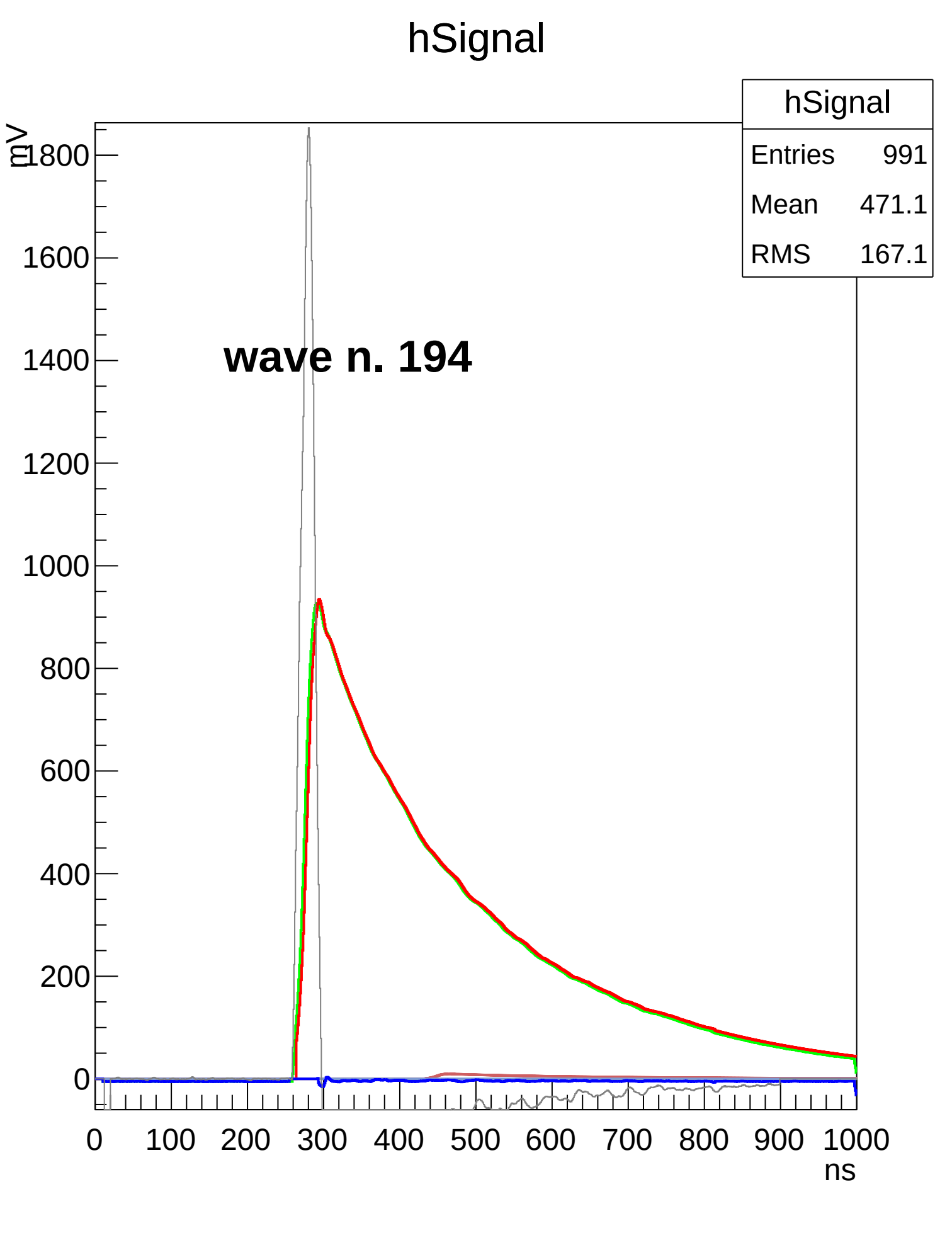

hSignal
hSignal
Entries 991
Mean 581.3
RMS 89.01
wave n. 189
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

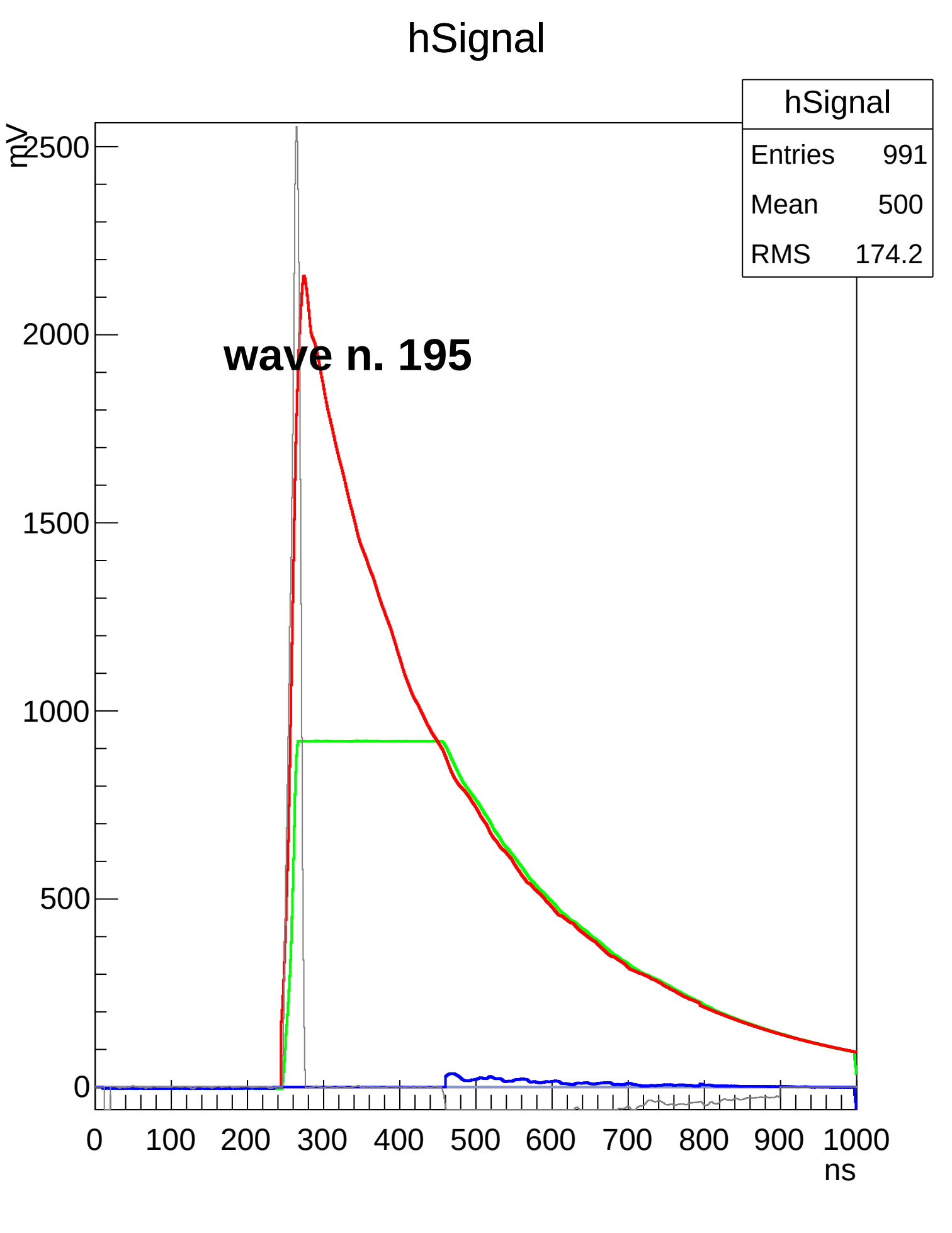

hSignal
hSignal
Entries 991
Mean 454.6
RMS 170.8
wave n. 190
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

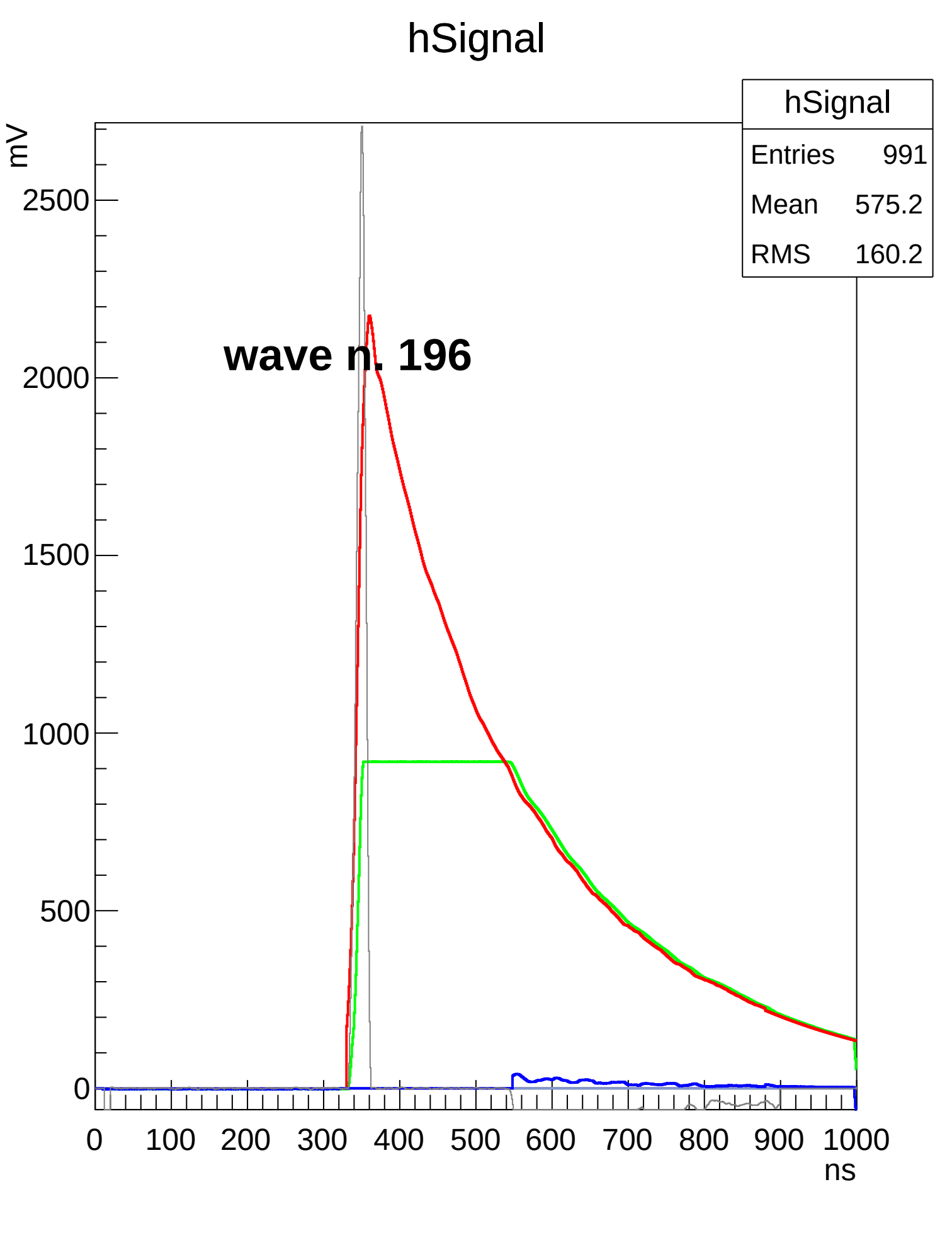

hSignal
hSignal
Entries 991
Mean 475
RMS 71.29
wave n. 191
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

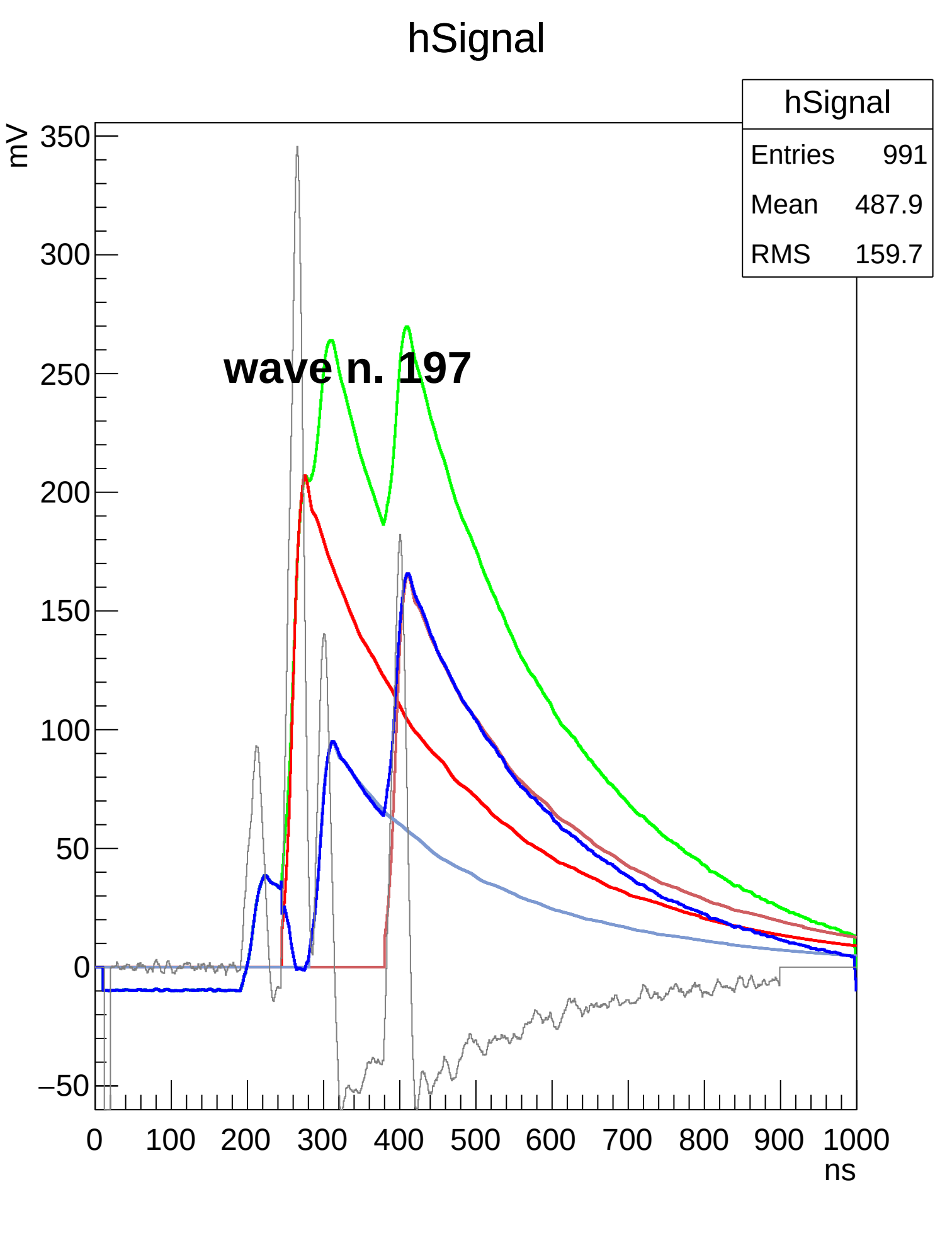

hSignal
hSignal
Entries 991
Mean 623.8
RMS 147.2
wave n. 192
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

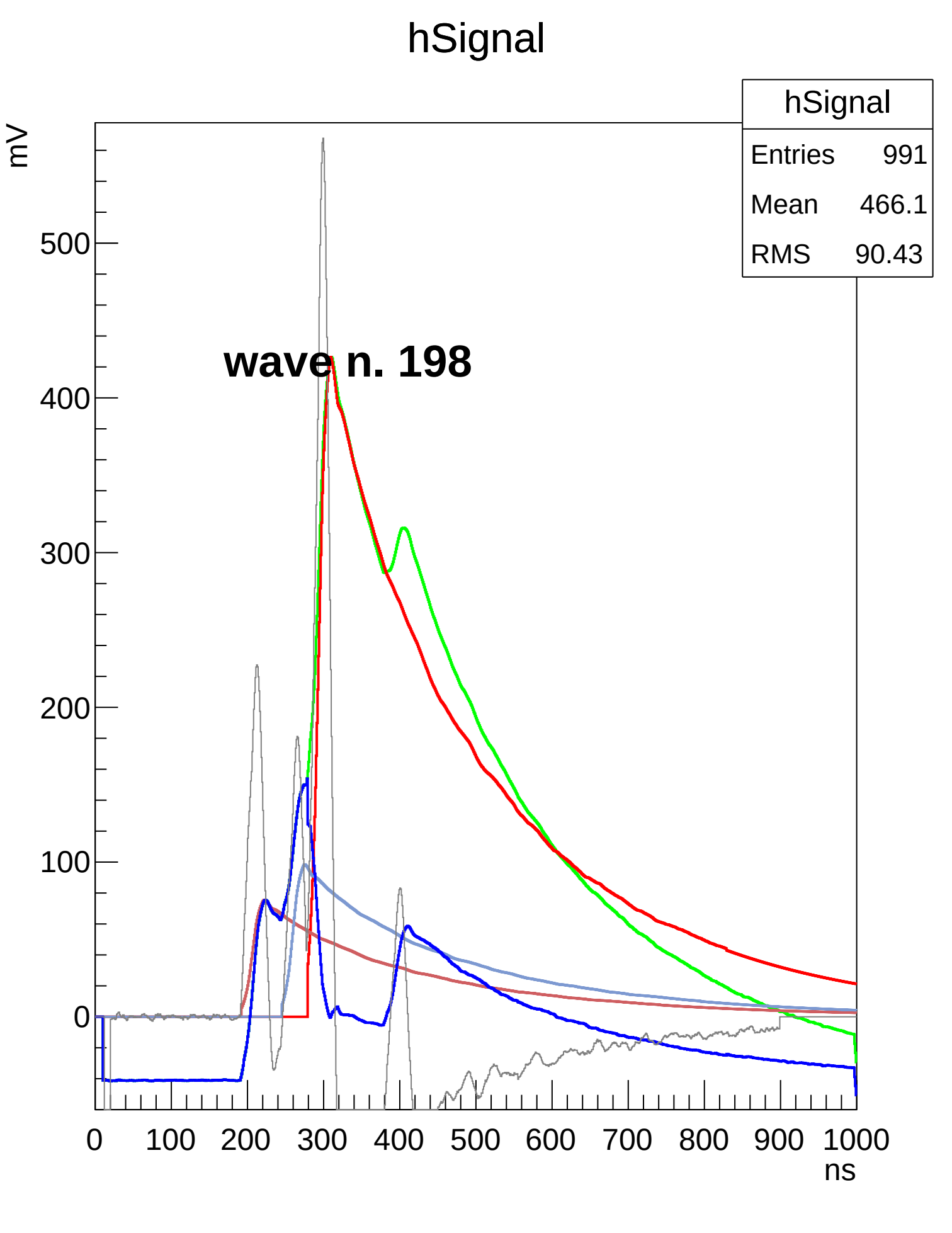

hSignal
hSignal
Entries 991
Mean 557.9
RMS 178.7
wave n. 193
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

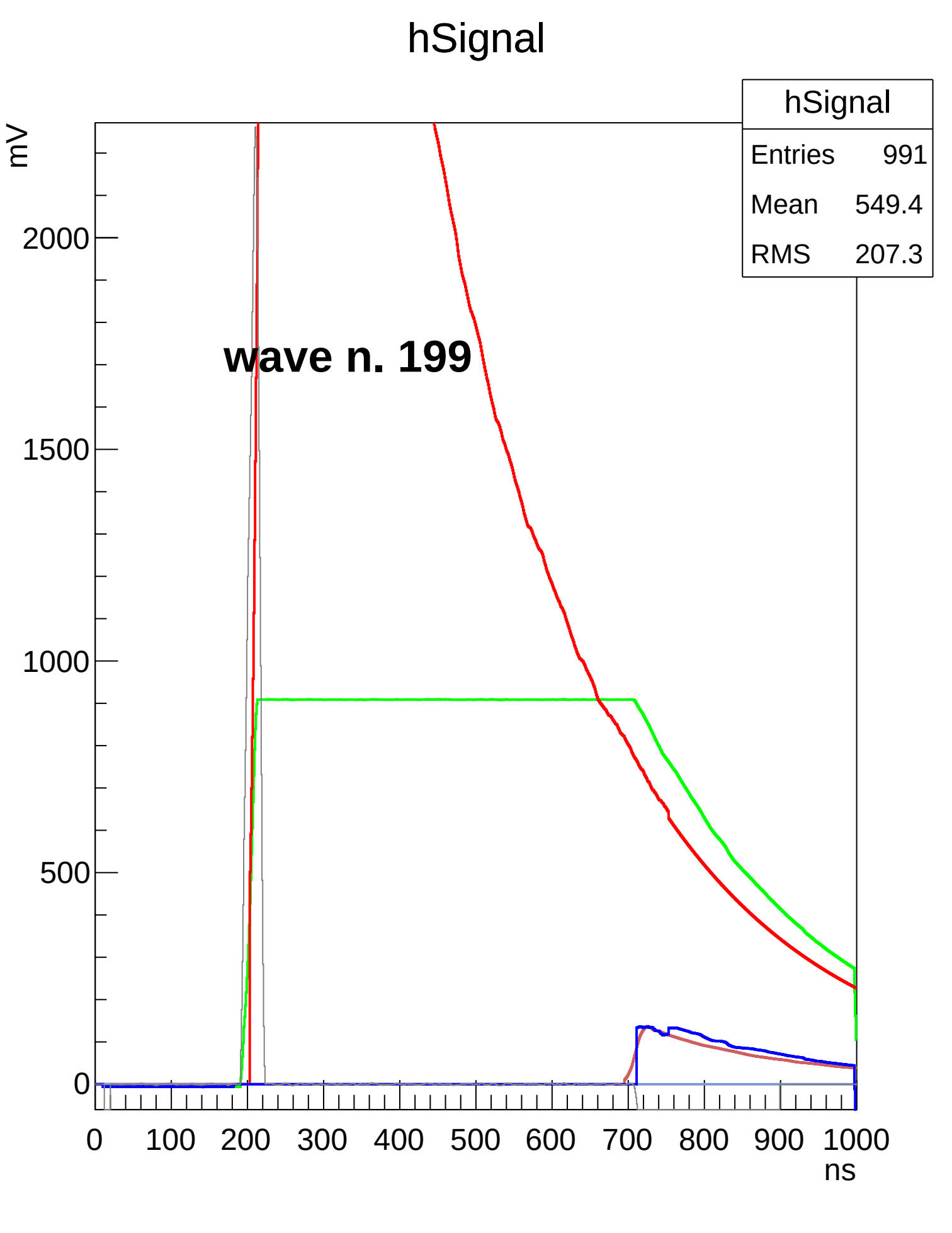

hSignal
hSignal
Entries 991
Mean 471.1
RMS 167.1
wave n. 194
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

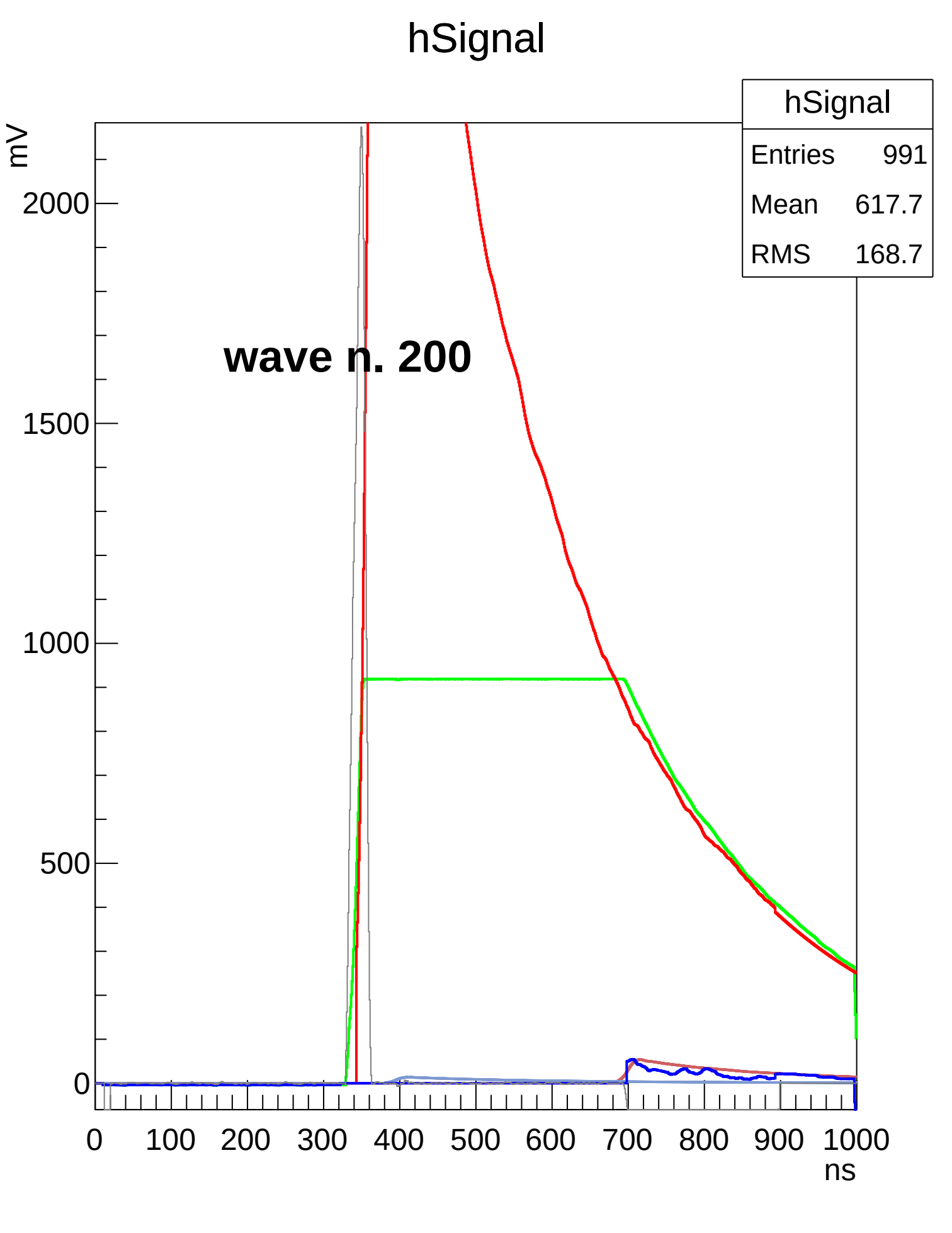

hSignal
hSignal
Entries 991
Mean 500
RMS 174.2
wave n. 195
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

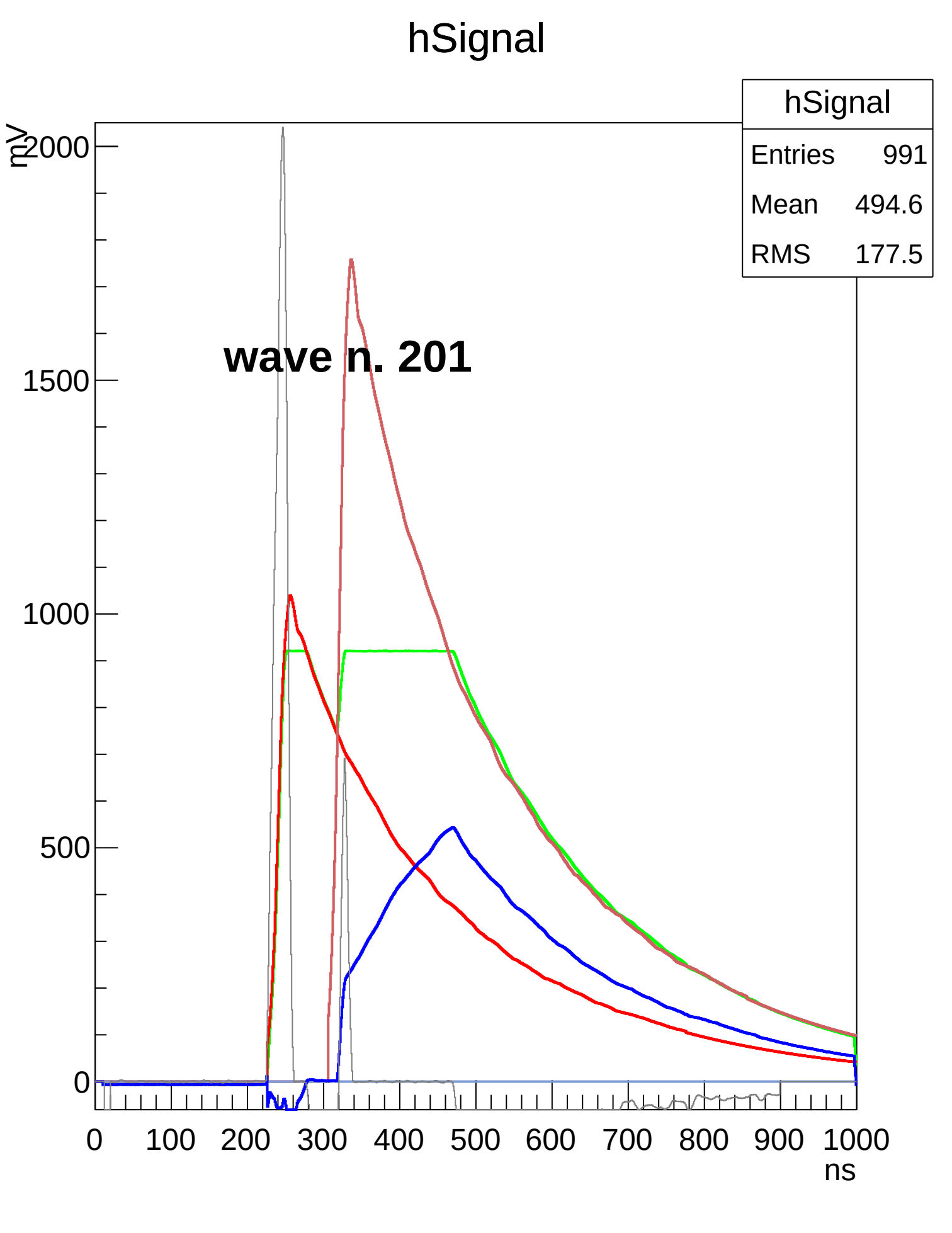

hSignal
hSignal
Entries 991
Mean 575.2
RMS 160.2
wave n. 196
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

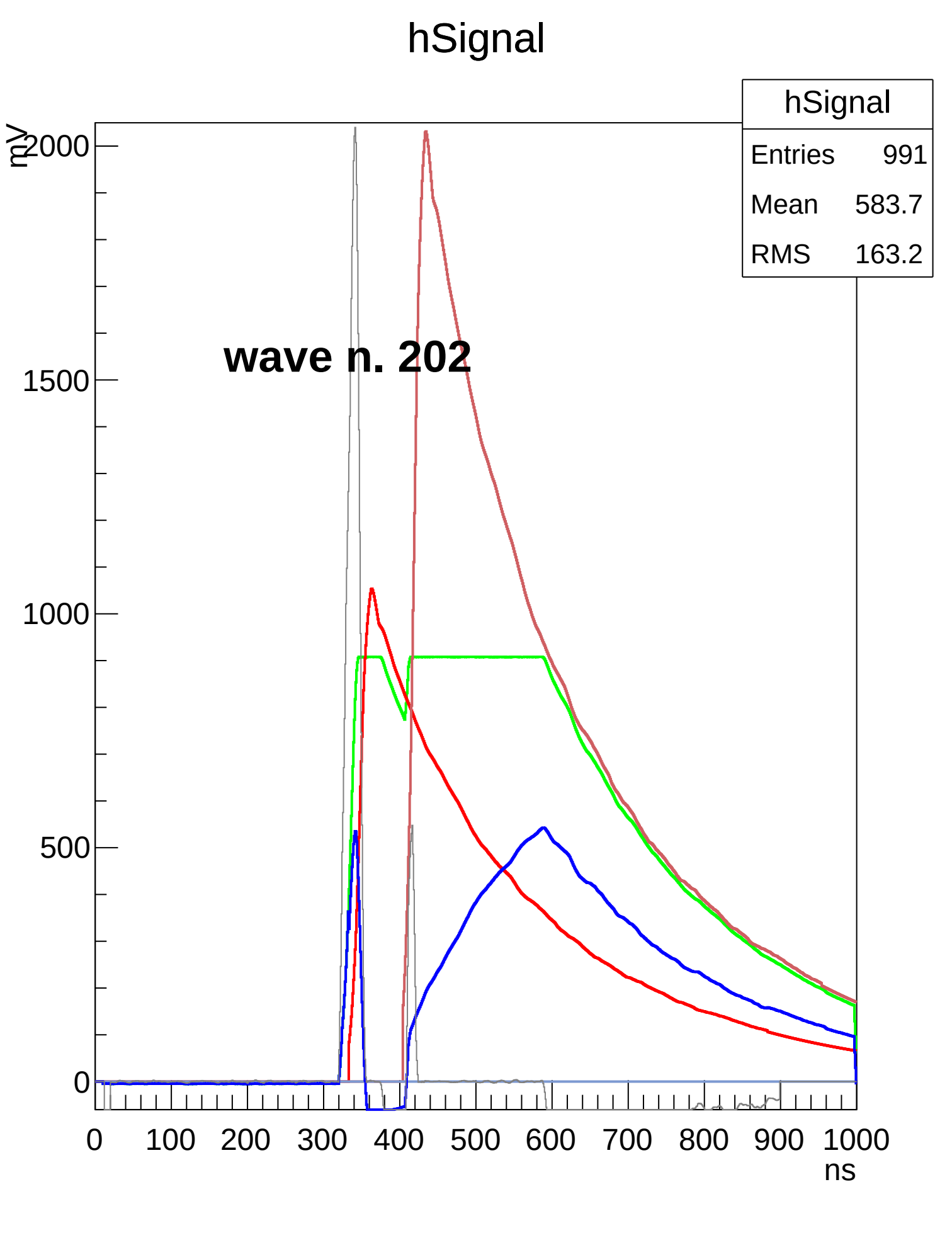

hSignal
hSignal
Entries 991
Mean 487.9
RMS 159.7
wave n. 197
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

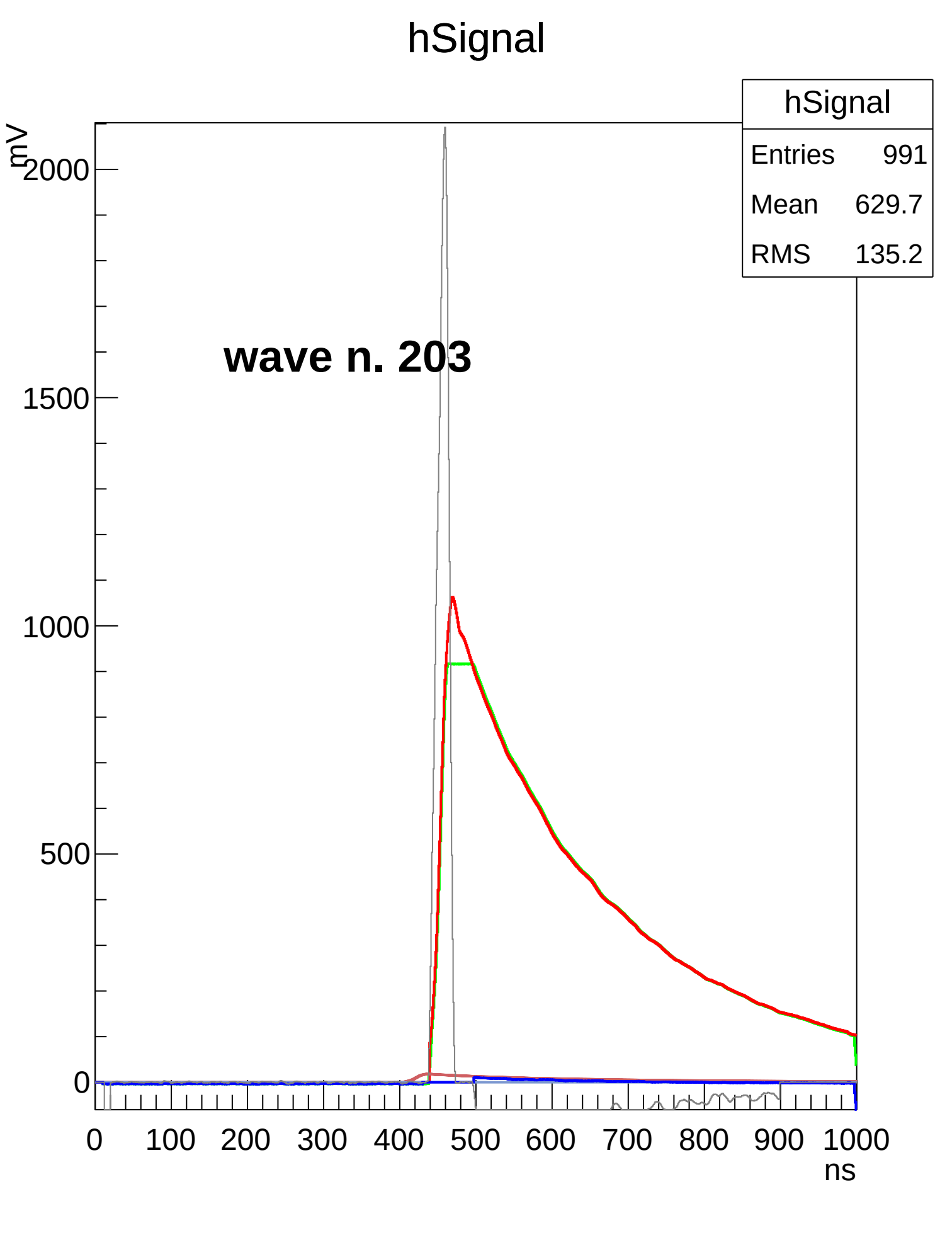

hSignal
hSignal
Entries 991
Mean 466.1
RMS 90.43
wave n. 198
mV
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns

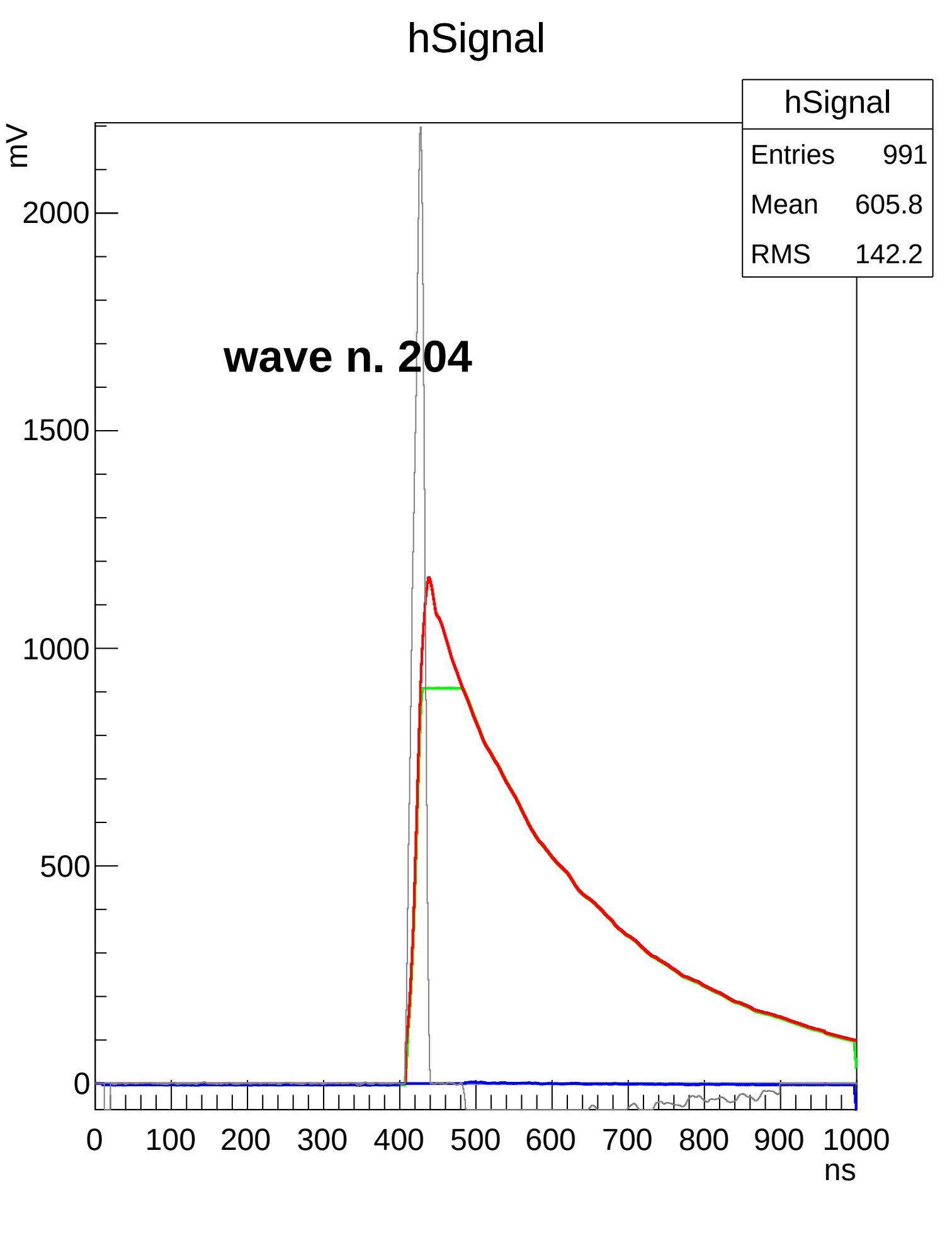

hSignal
hSignal
Entries 991
Mean 549.4
RMS 207.3
wave n. 199
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

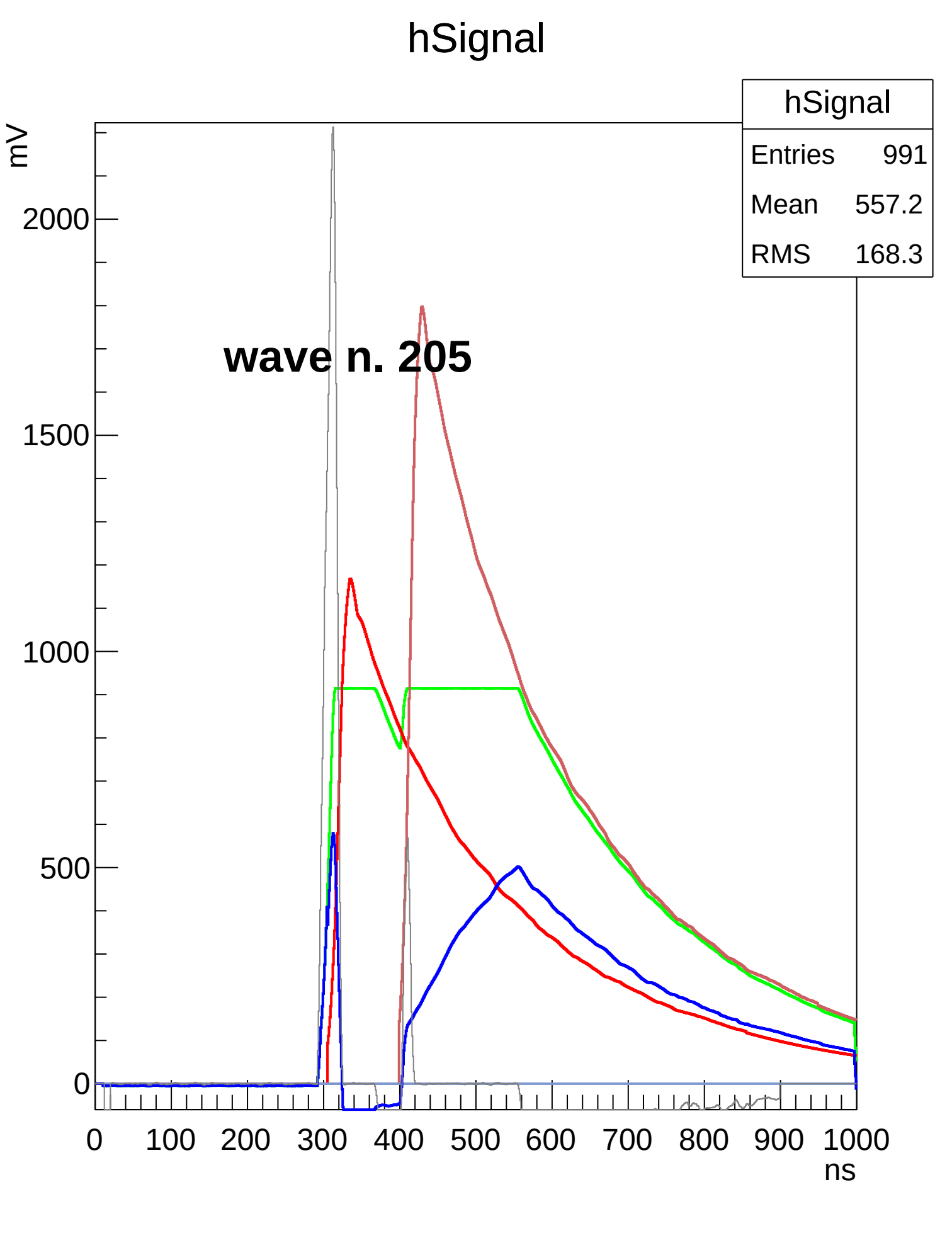

hSignal
hSignal
Entries 991
Mean 617.7
RMS 168.7
wave n. 200
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 494.6
RMS 177.5
wave n. 201
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 583.7
RMS 163.2
wave n. 202
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 629.7
RMS 135.2
wave n. 203
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 605.8
RMS 142.2
wave n. 204
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 557.2
RMS 168.3
wave n. 205
mV
2000
1500
1000
500
0
0
100
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400
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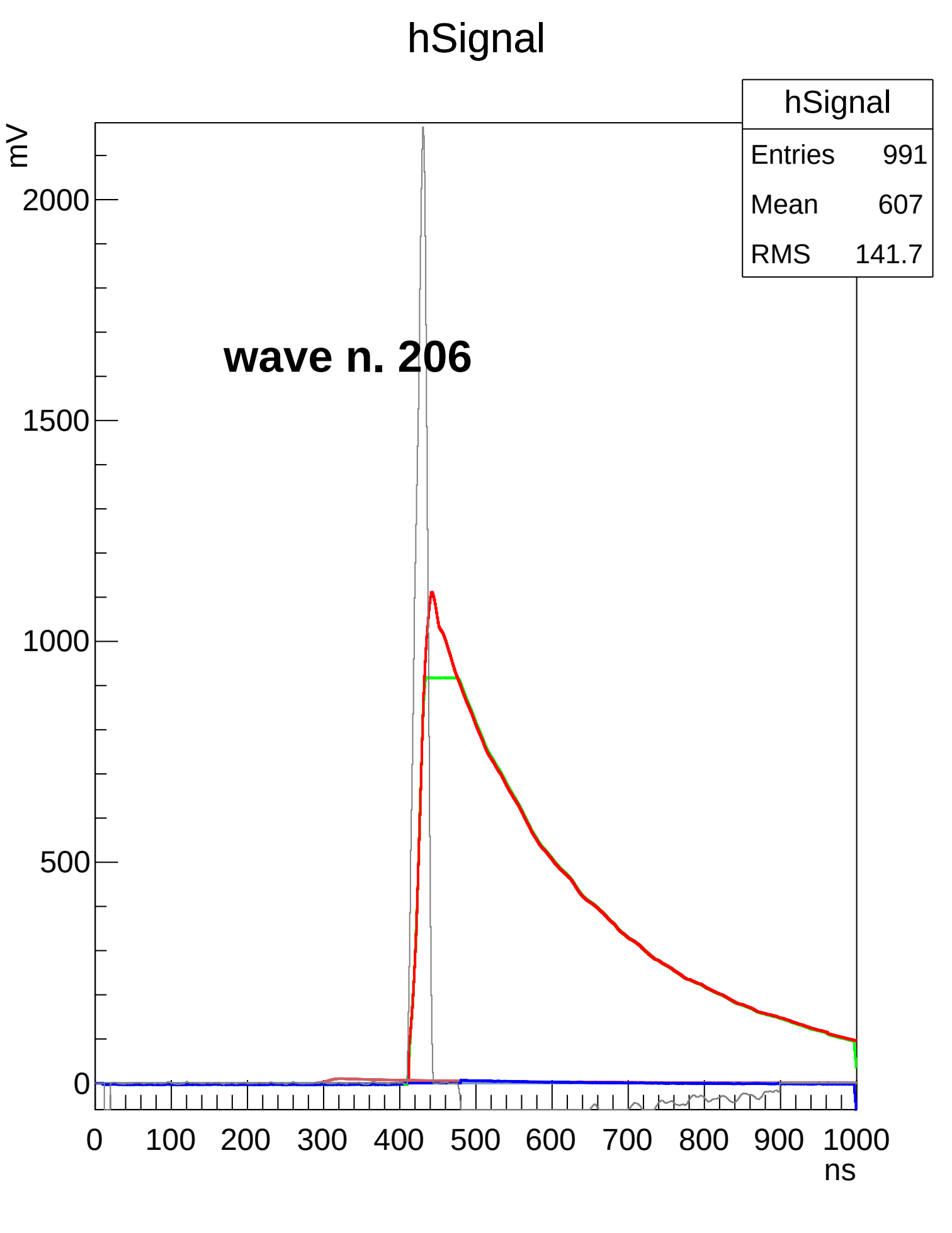
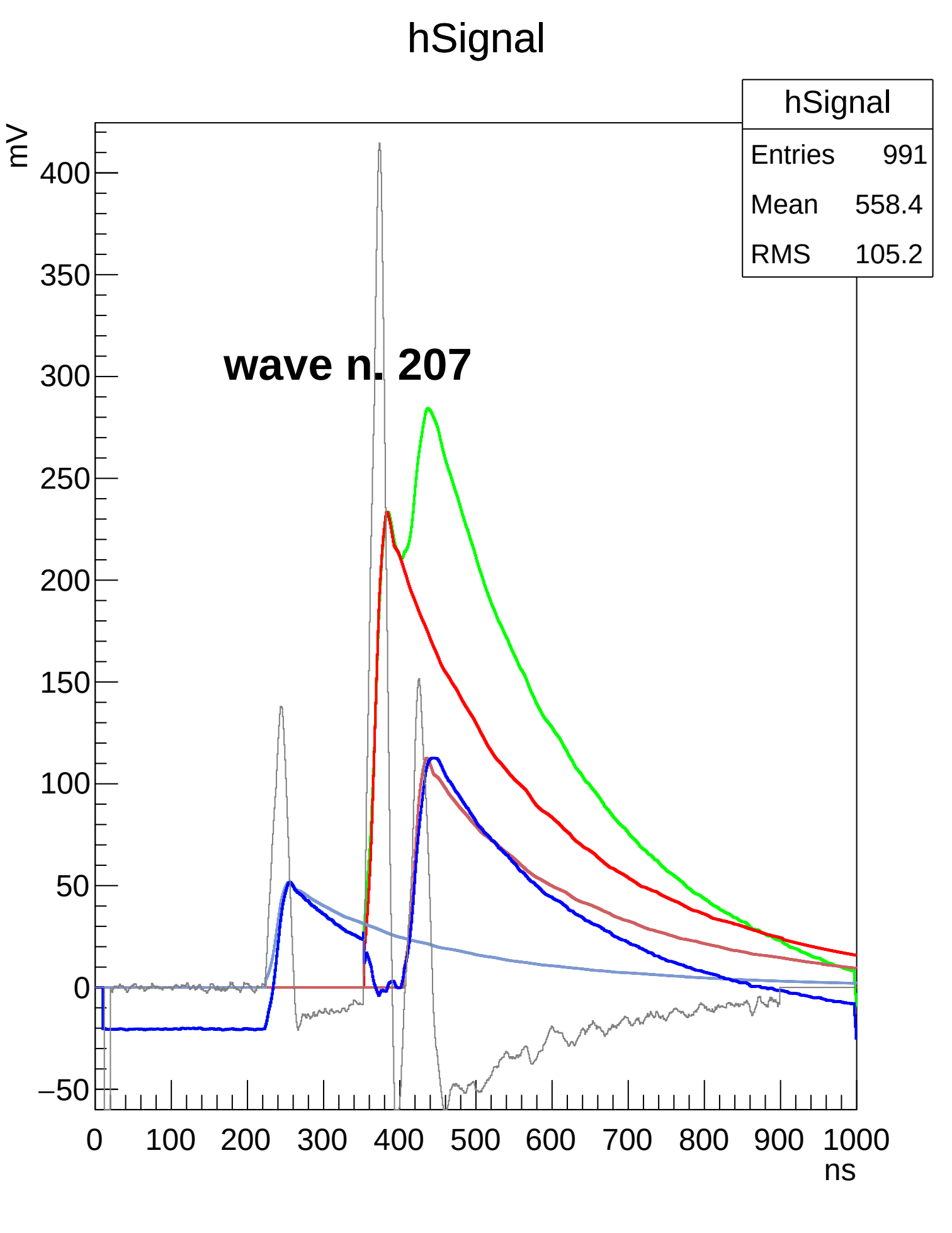
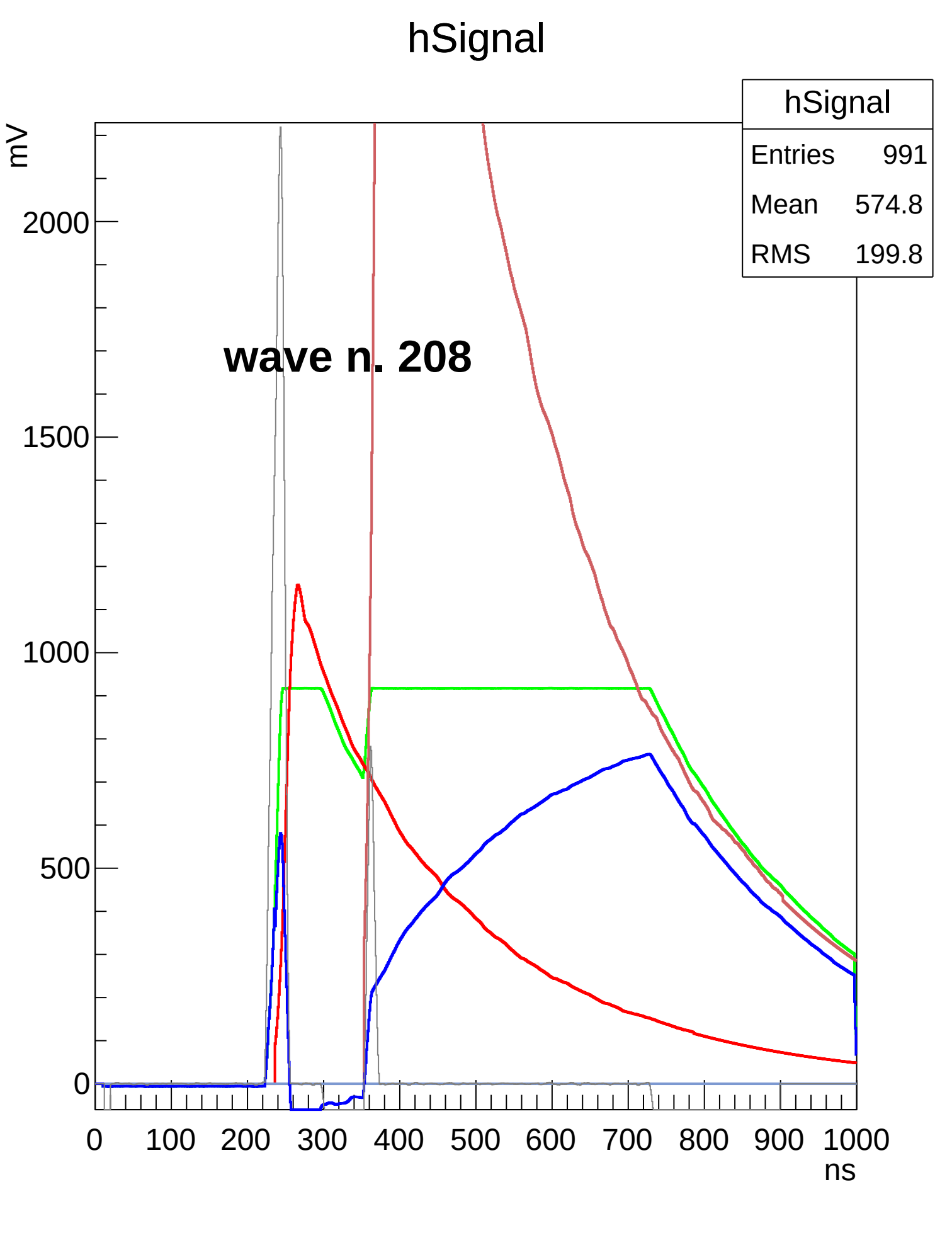
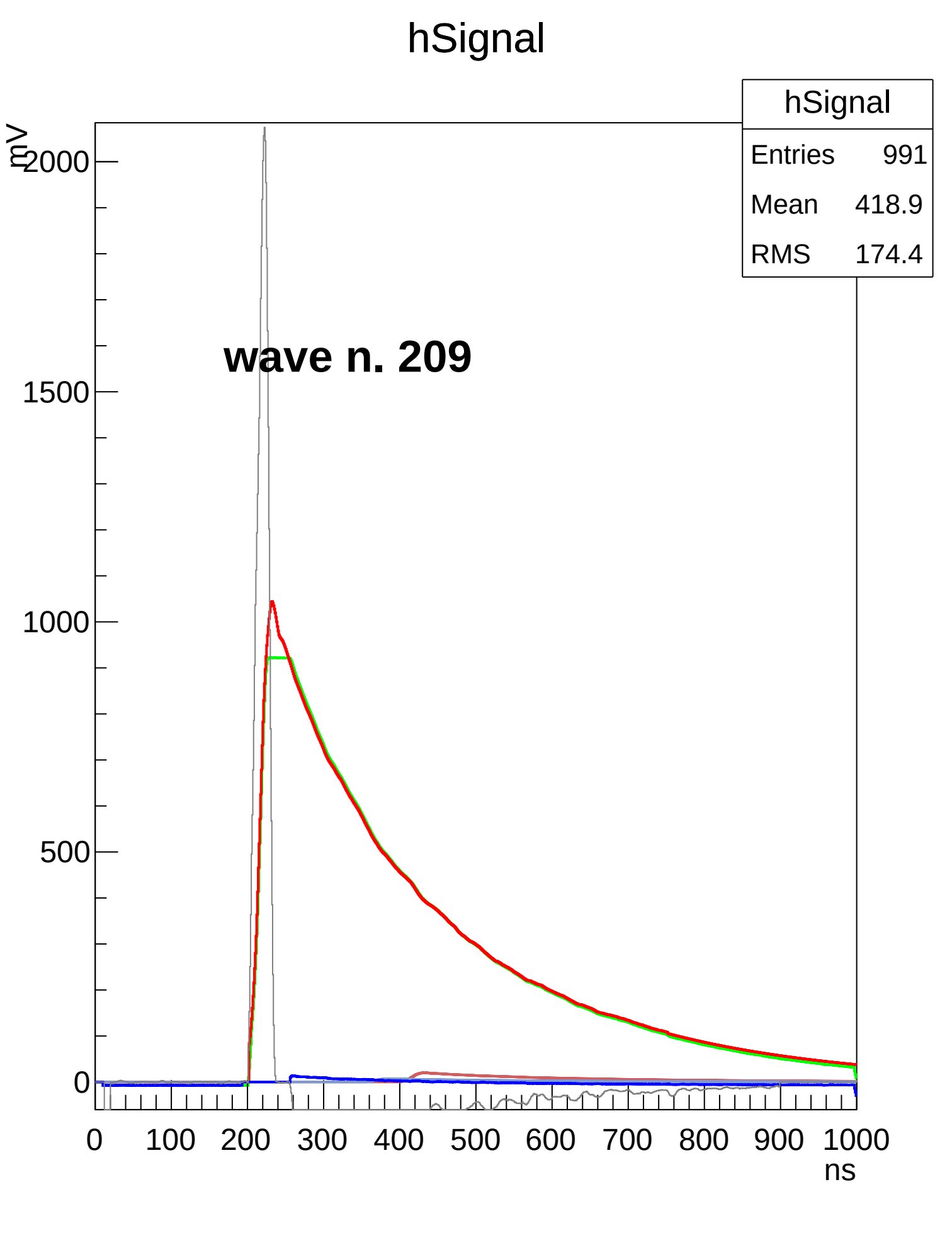
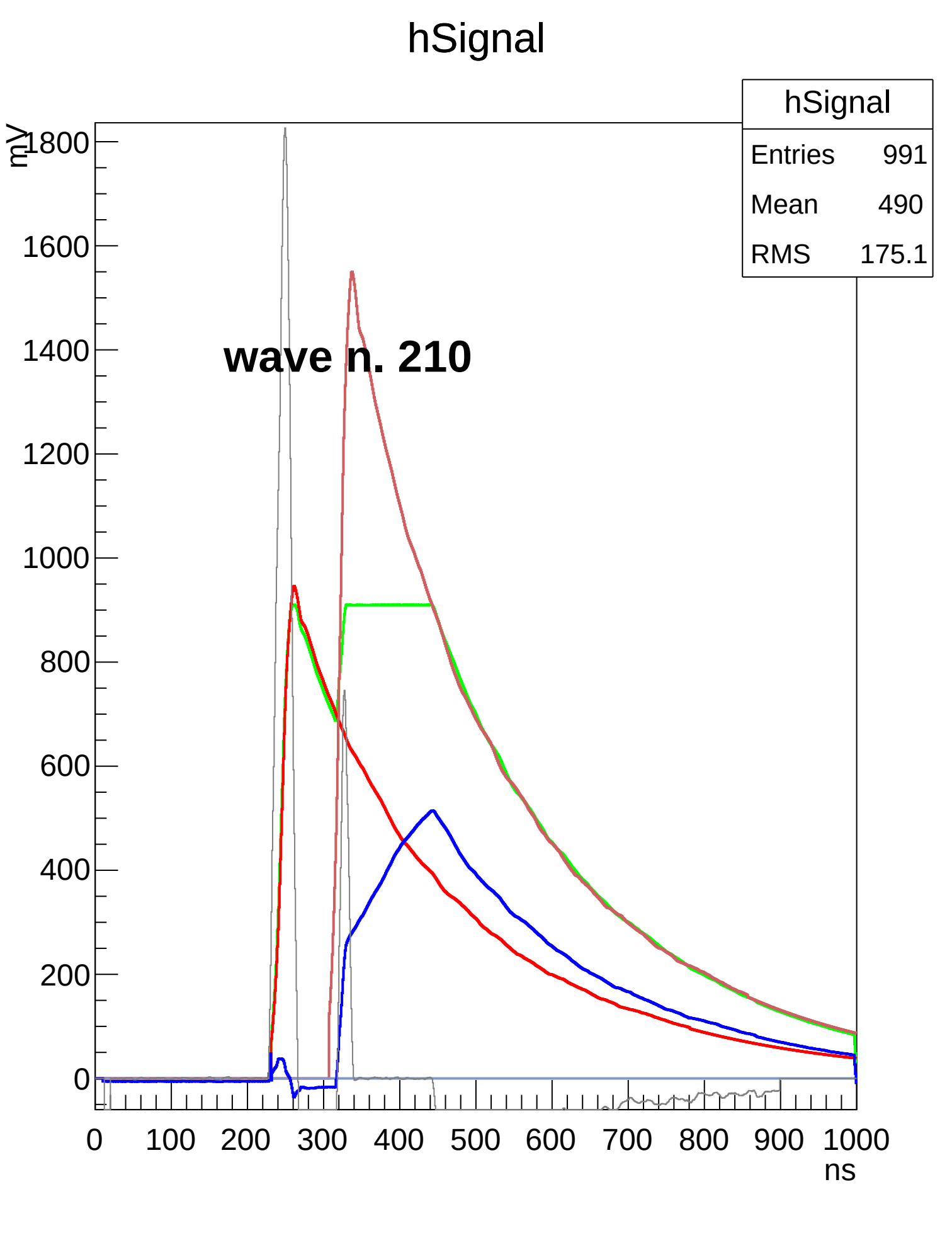
700
800
900
1000
ns

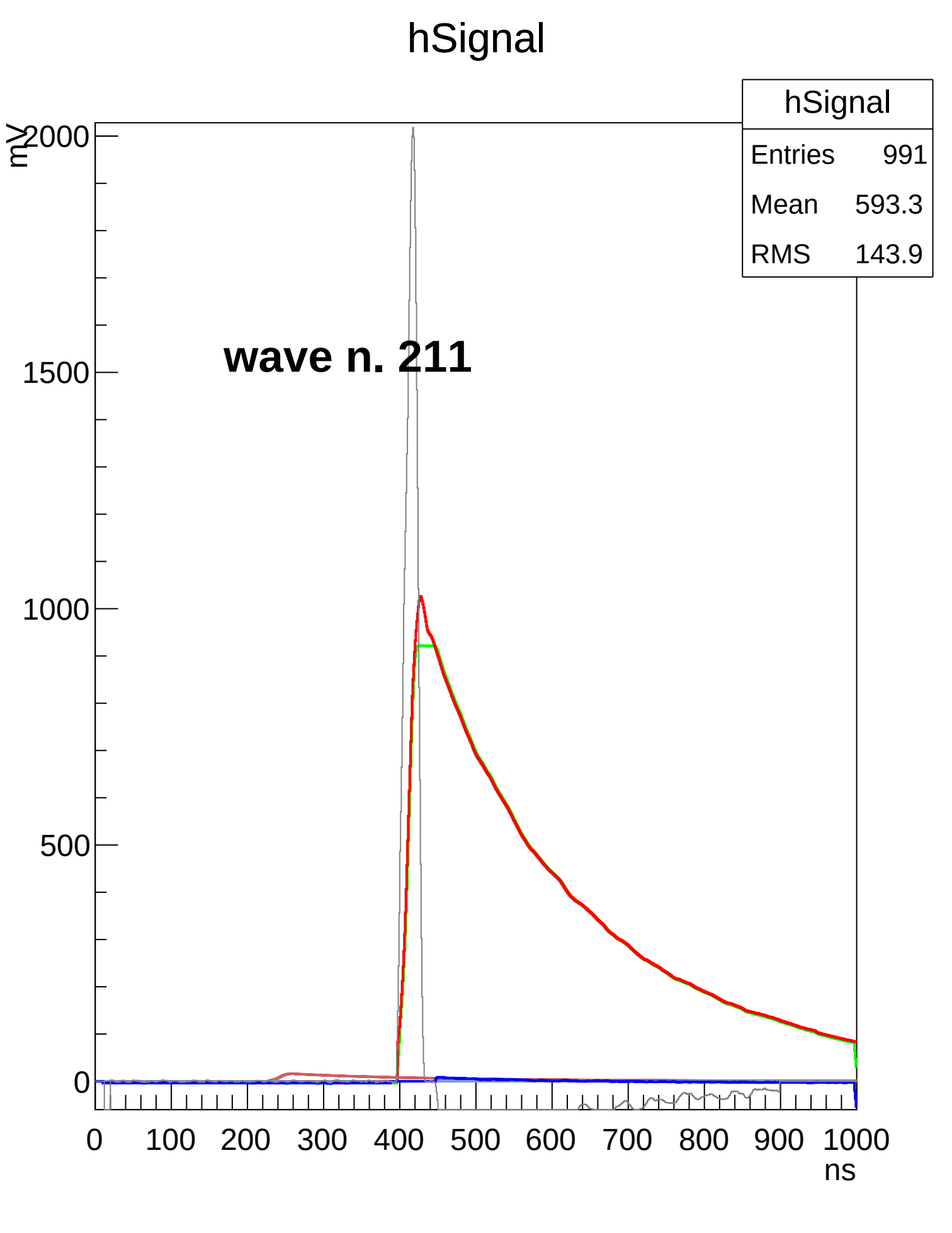

hSignal
hSignal
Entries 991
Mean 607
RMS 141.7
wave n. 206
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

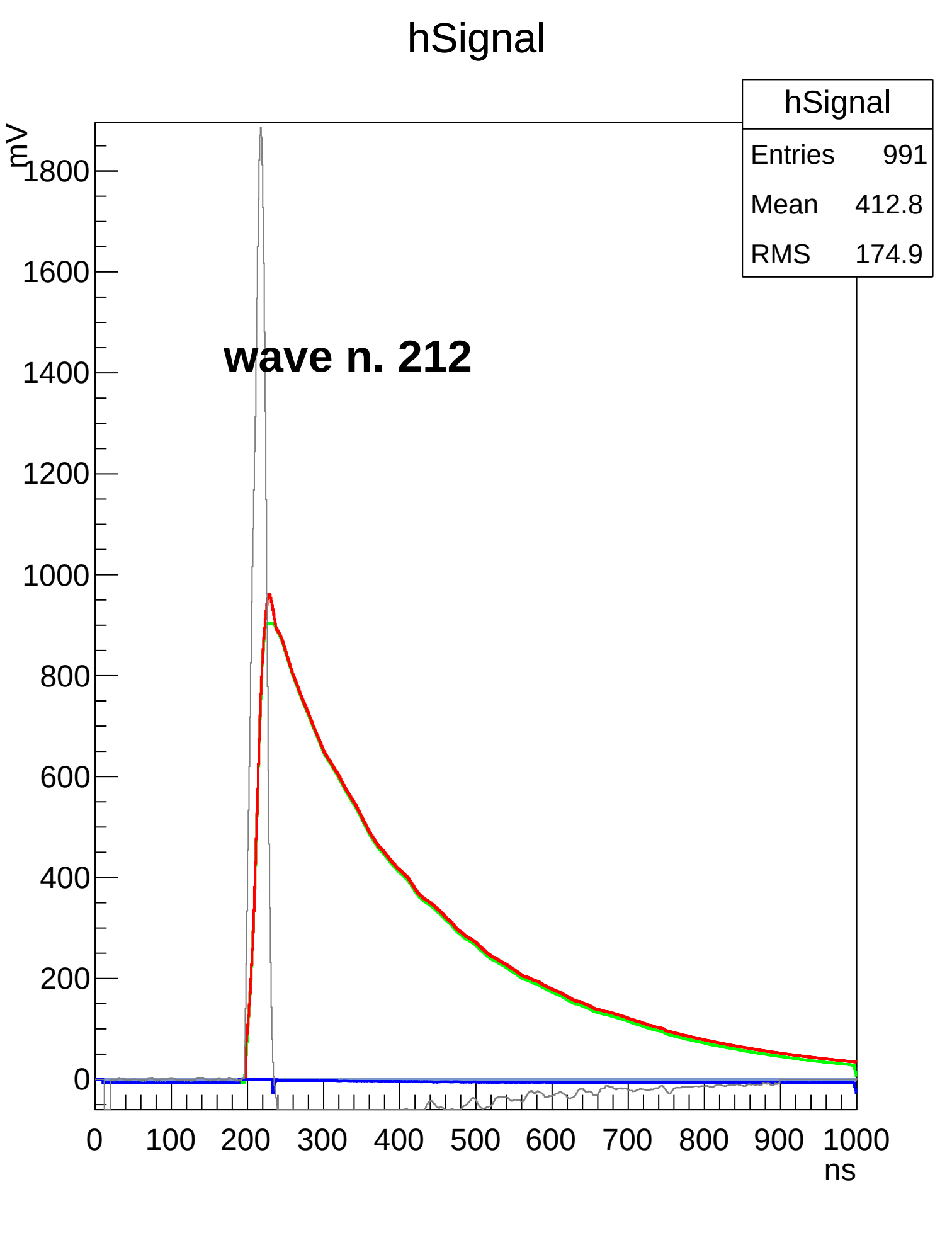

hSignal
hSignal
Entries 991
Mean 558.4
RMS 105.2
wave n. 207
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

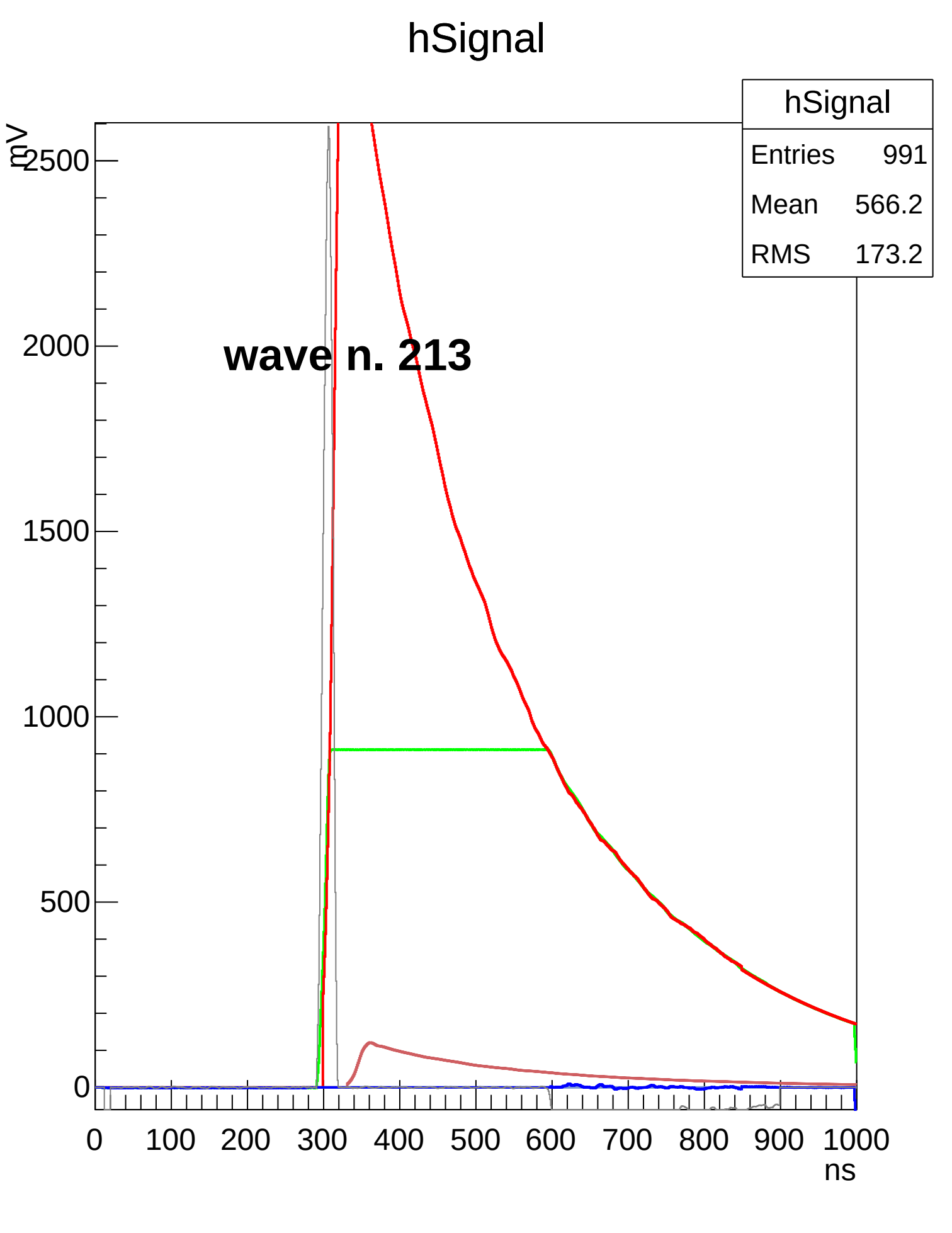

hSignal
hSignal
Entries 991
Mean 574.8
RMS 199.8
wave n. 208
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

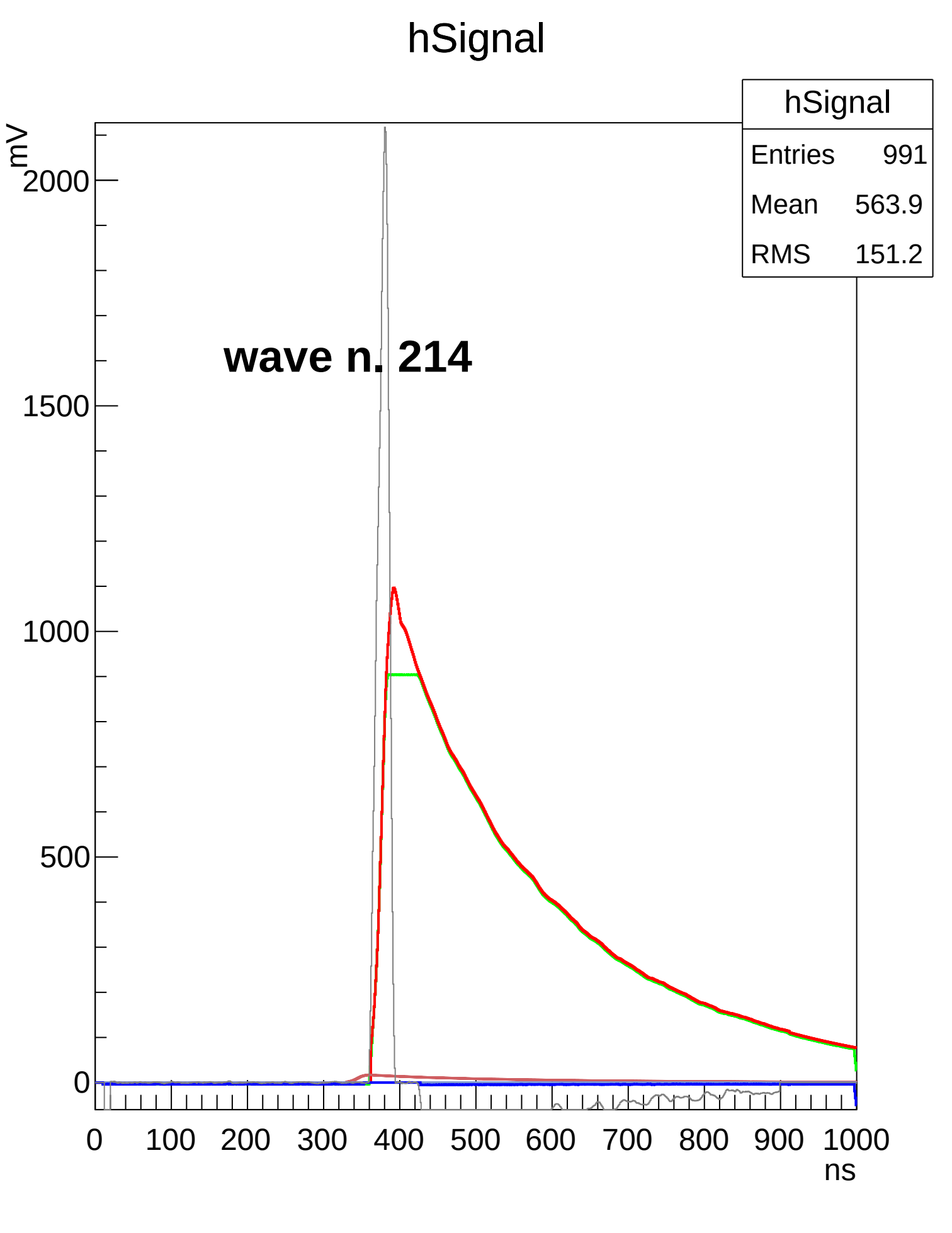

hSignal
hSignal
Entries 991
Mean 418.9
RMS 174.4
wave n. 209
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

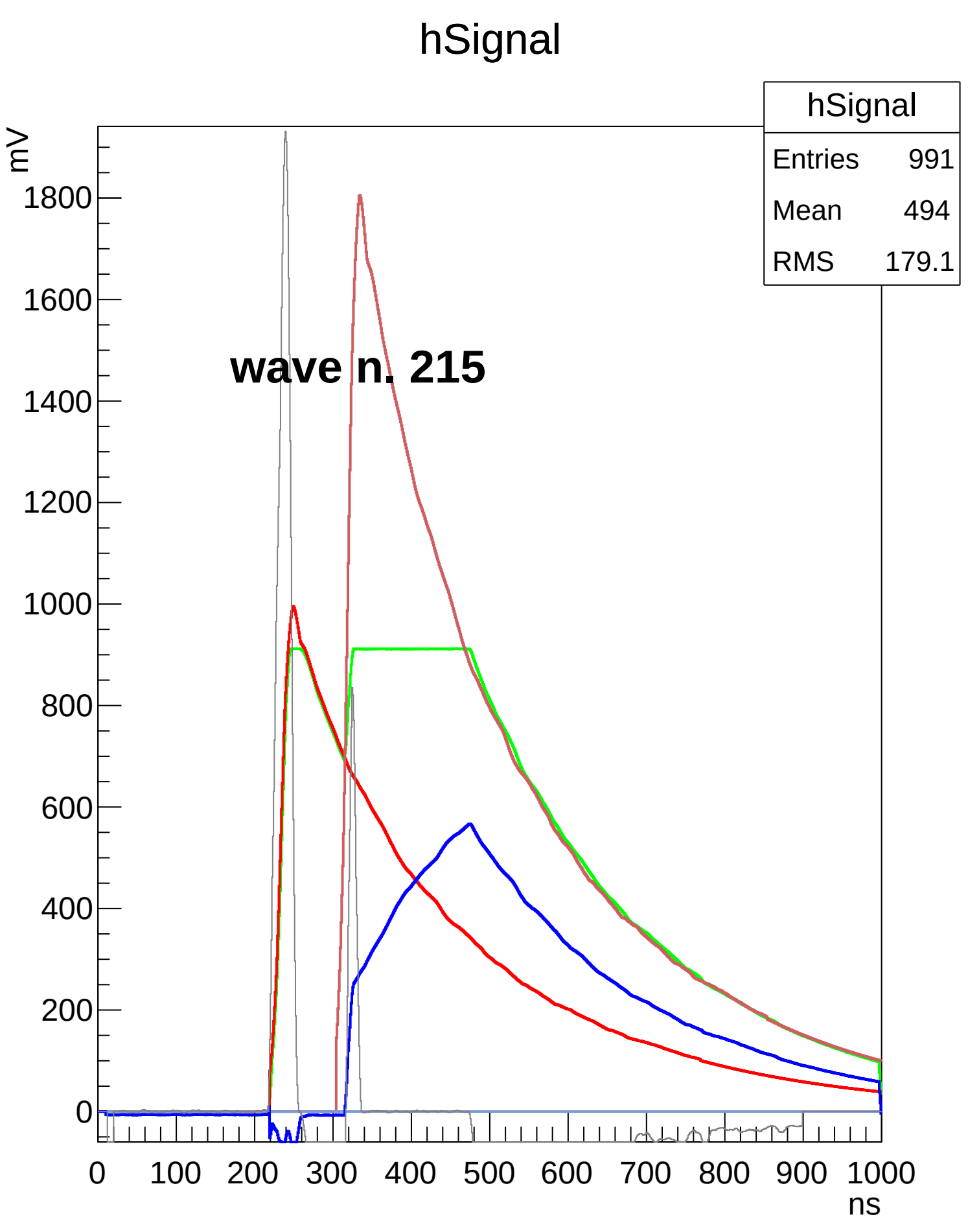

hSignal
hSignal
Entries 991
Mean 490
RMS 175.1
wave n. 210
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

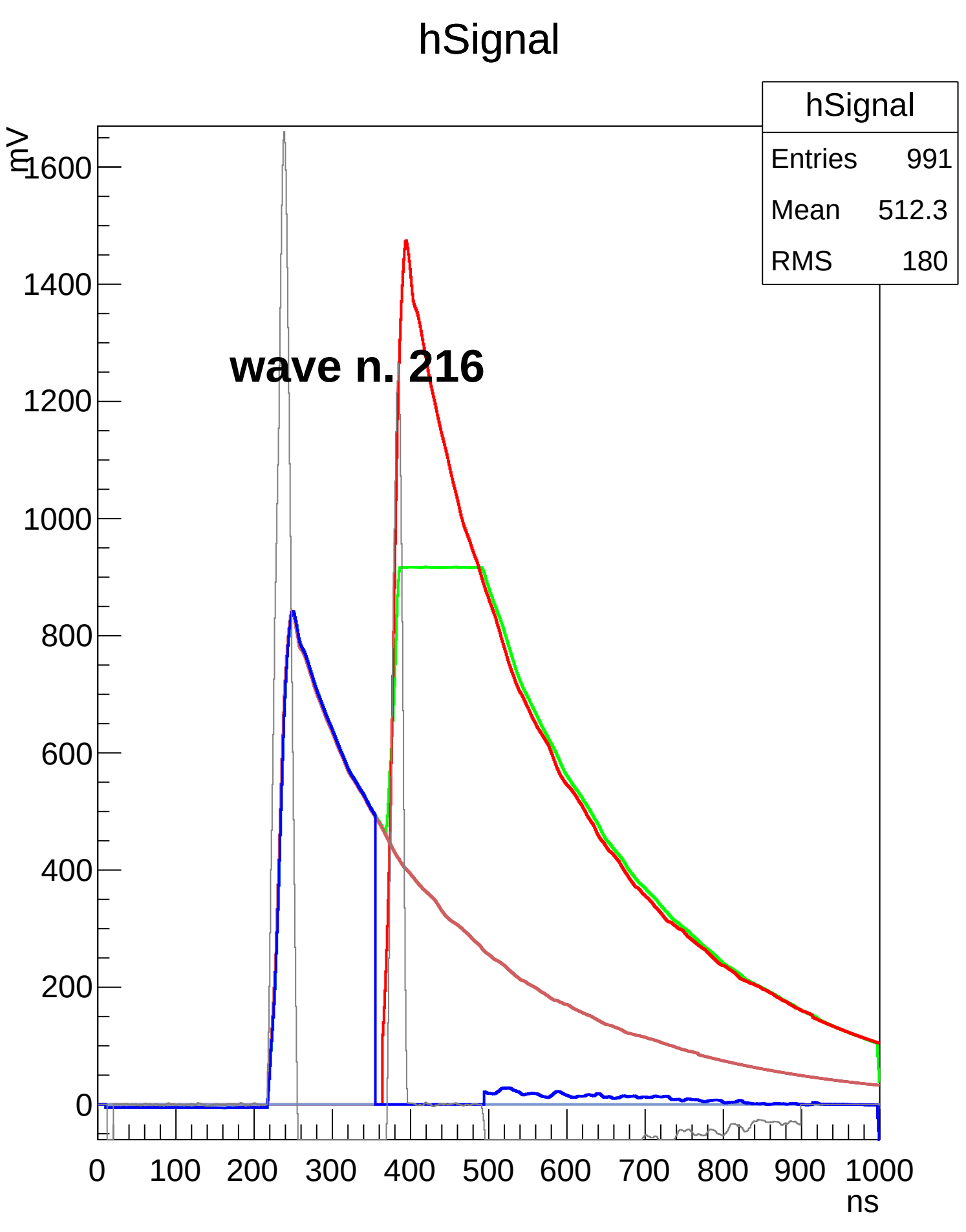

hSignal
hSignal
Entries 991
Mean 593.3
RMS 143.9
wave n. 211
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

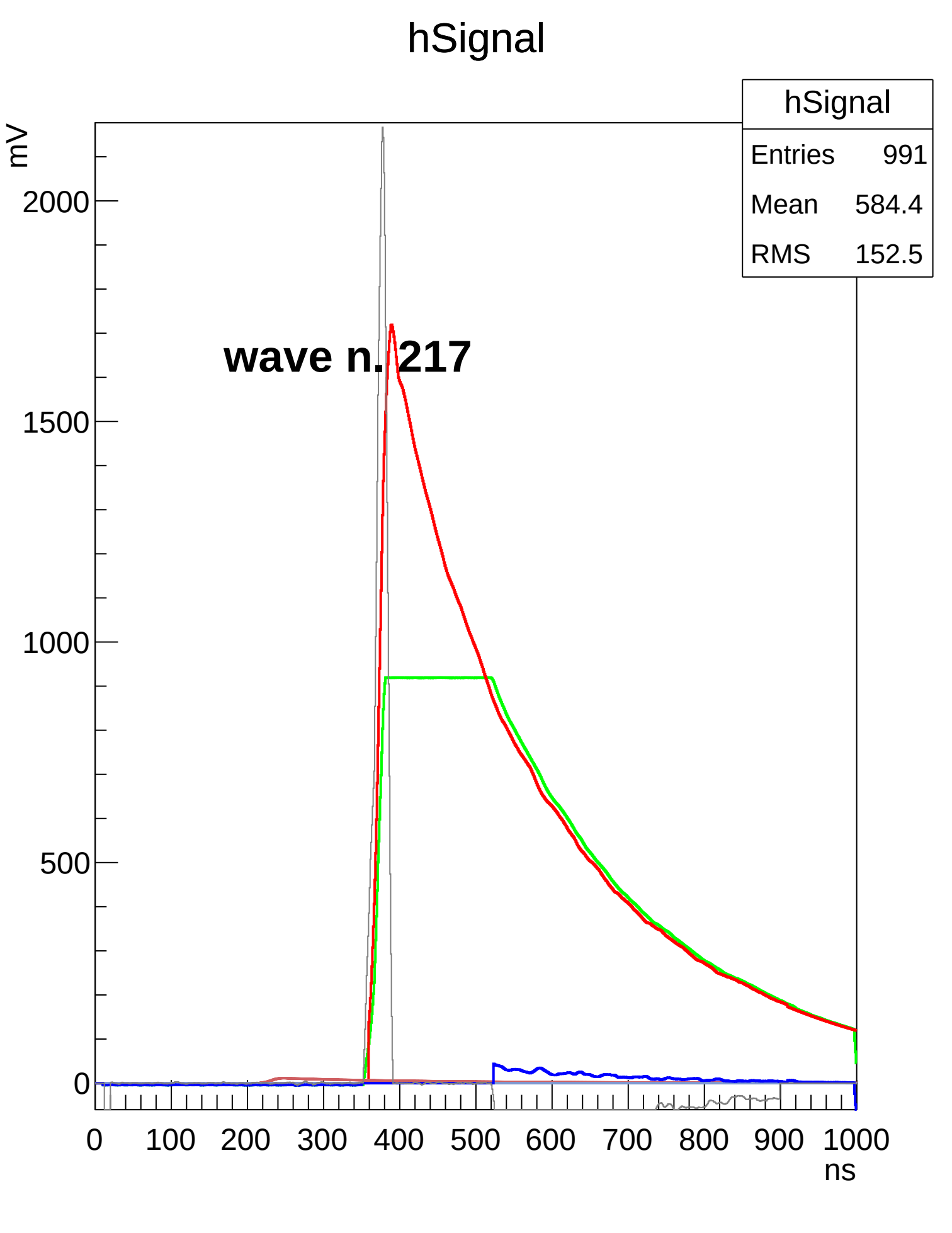

hSignal
hSignal
Entries 991
Mean 412.8
RMS 174.9
wave n. 212
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

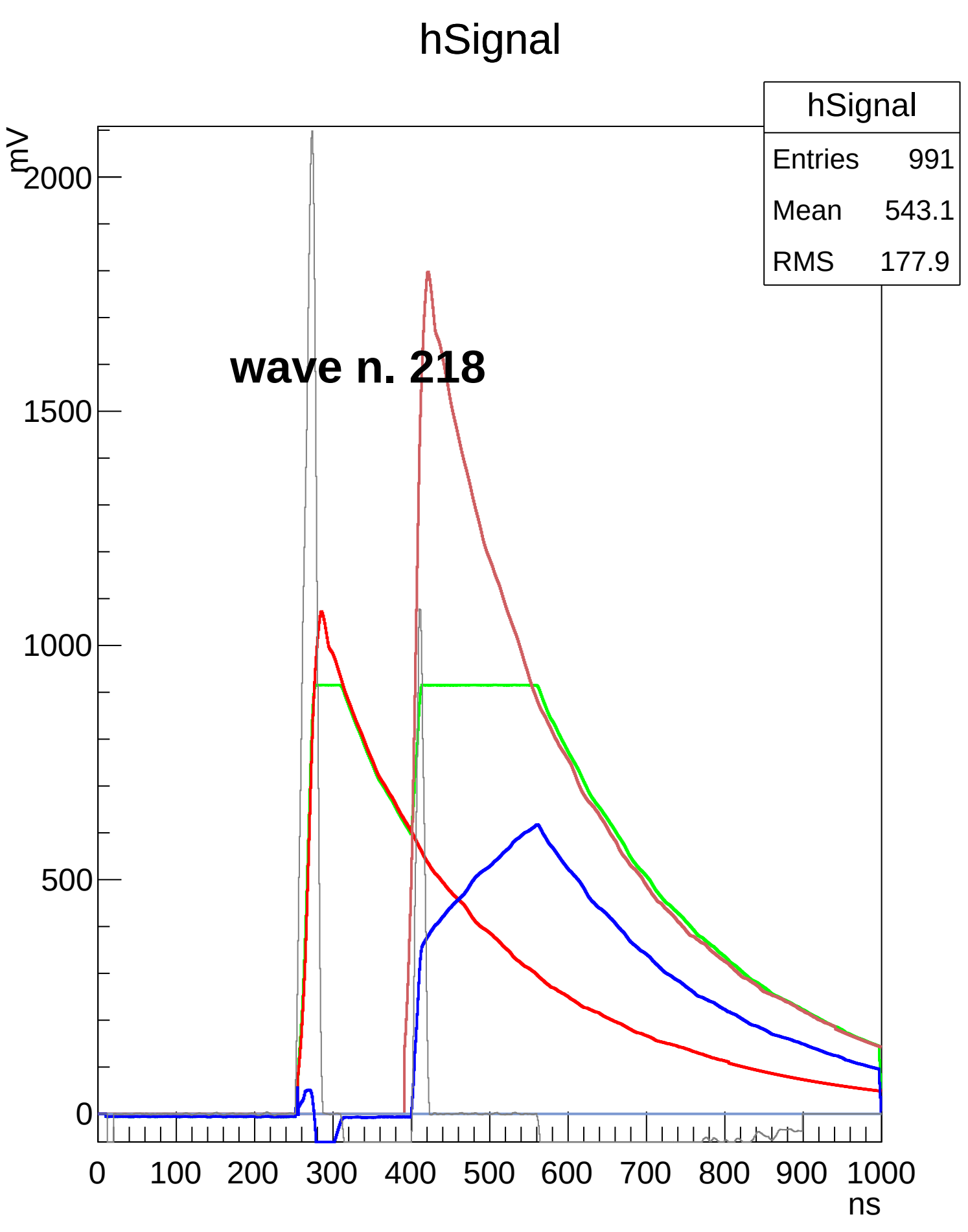

hSignal
hSignal
Entries 991
Mean 566.2
RMS 173.2
wave n. 213
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

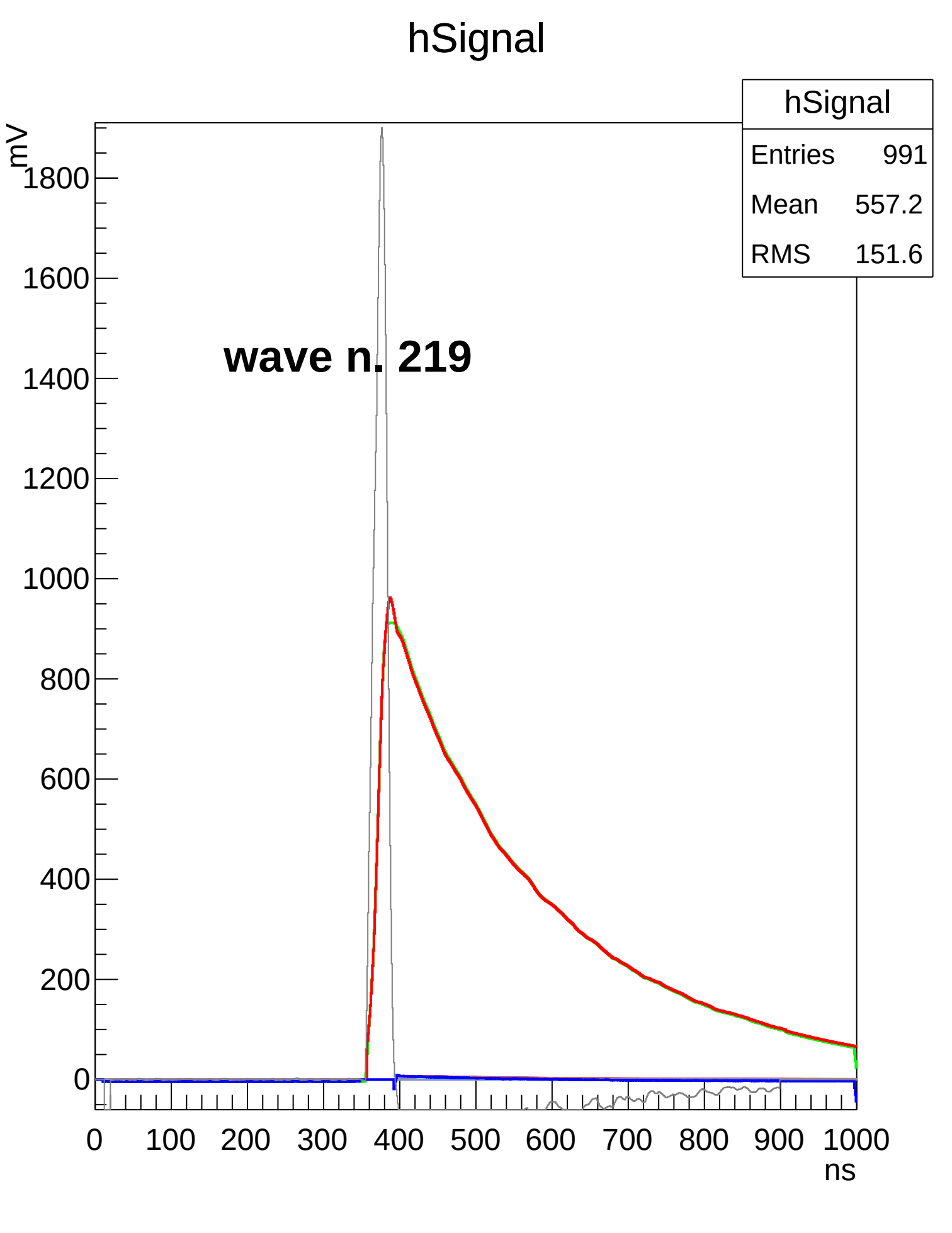

hSignal
hSignal
Entries 991
Mean 563.9
RMS 151.2
wave n. 214
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

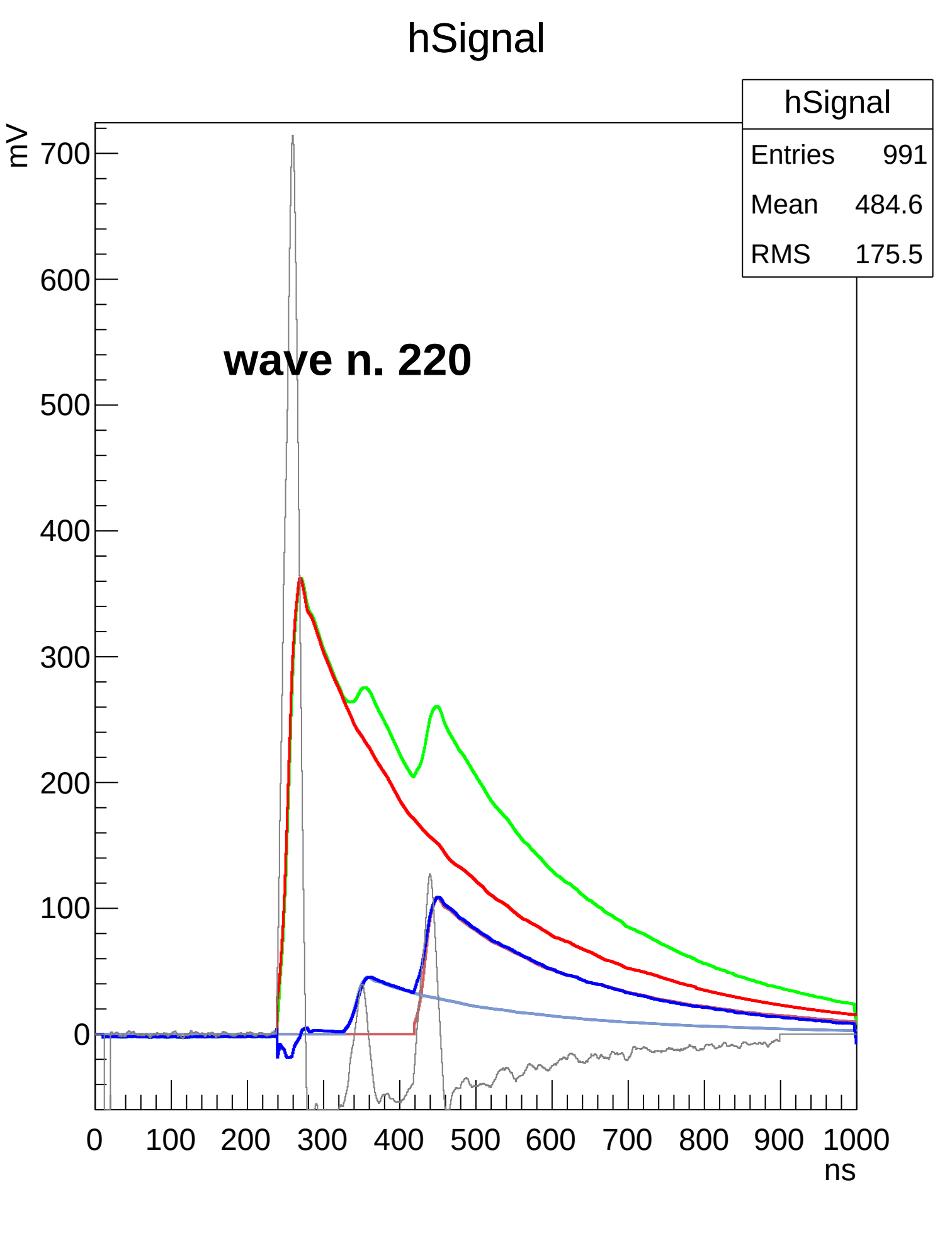

hSignal
hSignal
Entries 991
Mean 494
RMS 179.1
wave n. 215
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 512.3
RMS 180
wave n. 216
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 584.4
RMS 152.5
wave n. 217
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 543.1
RMS 177.9
wave n. 218
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 557.2
RMS 151.6
wave n. 219
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 484.6
RMS 175.5
wave n. 220
mV
700
600
500
400
300
200
100
0
0
100
200
300
400
500
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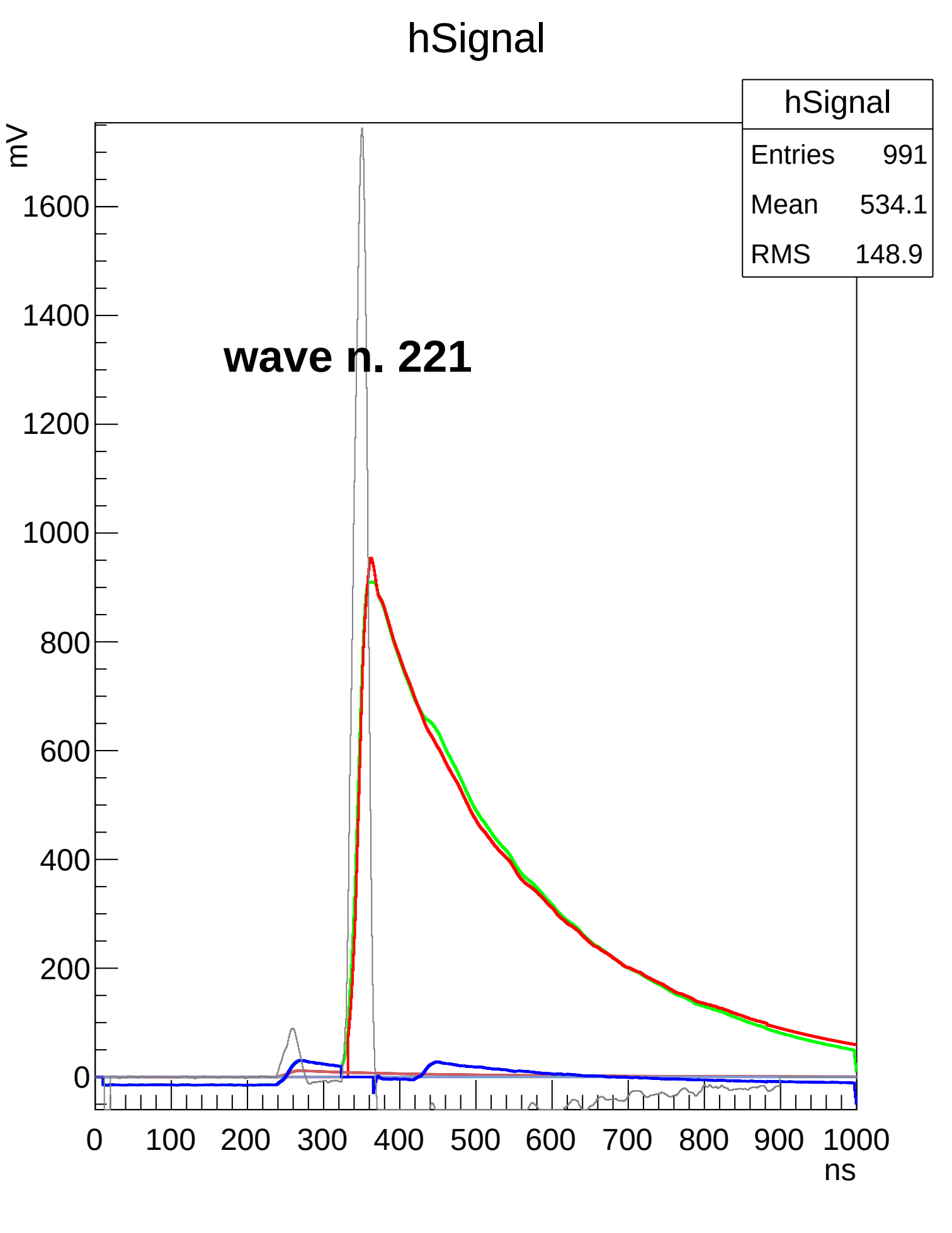
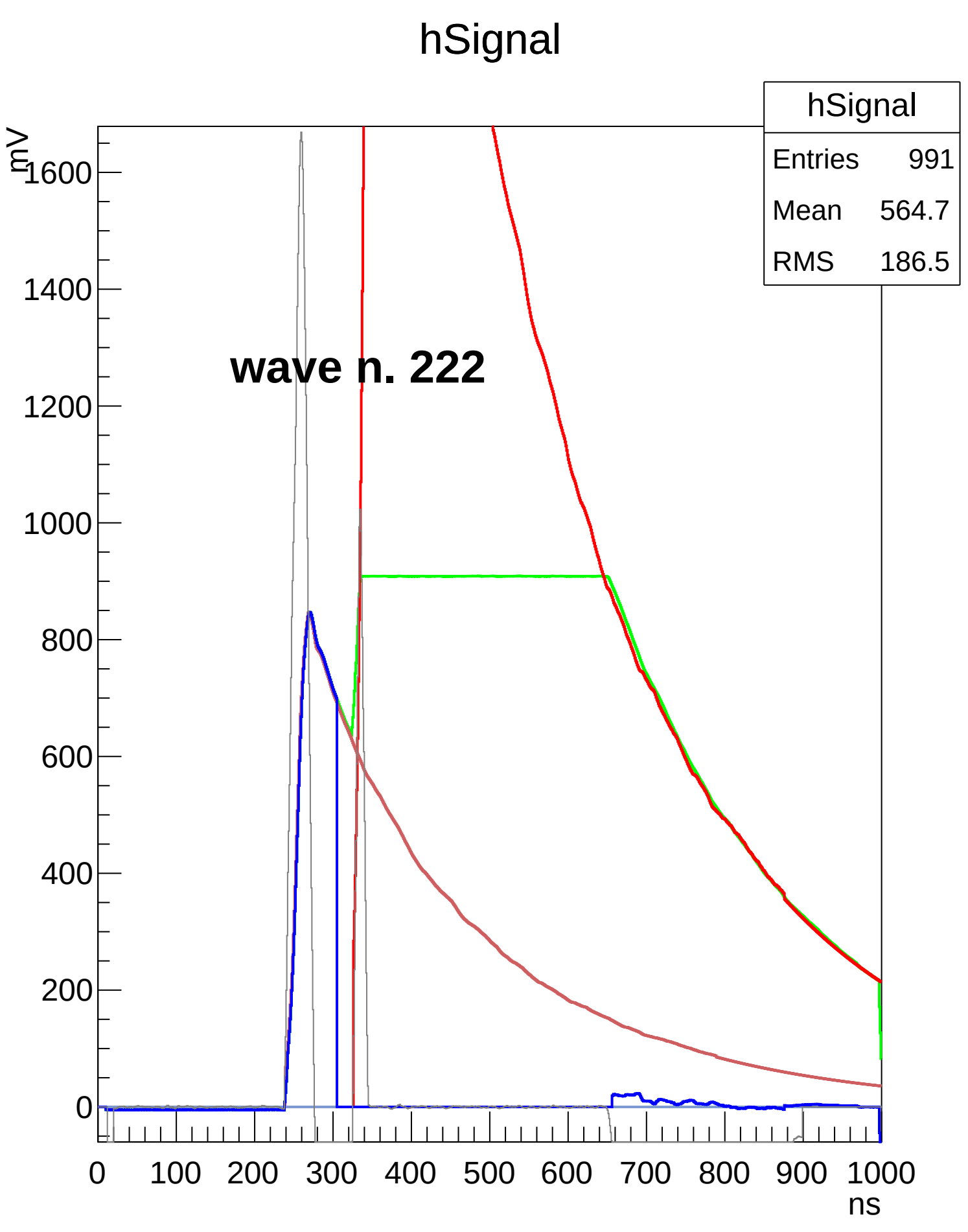
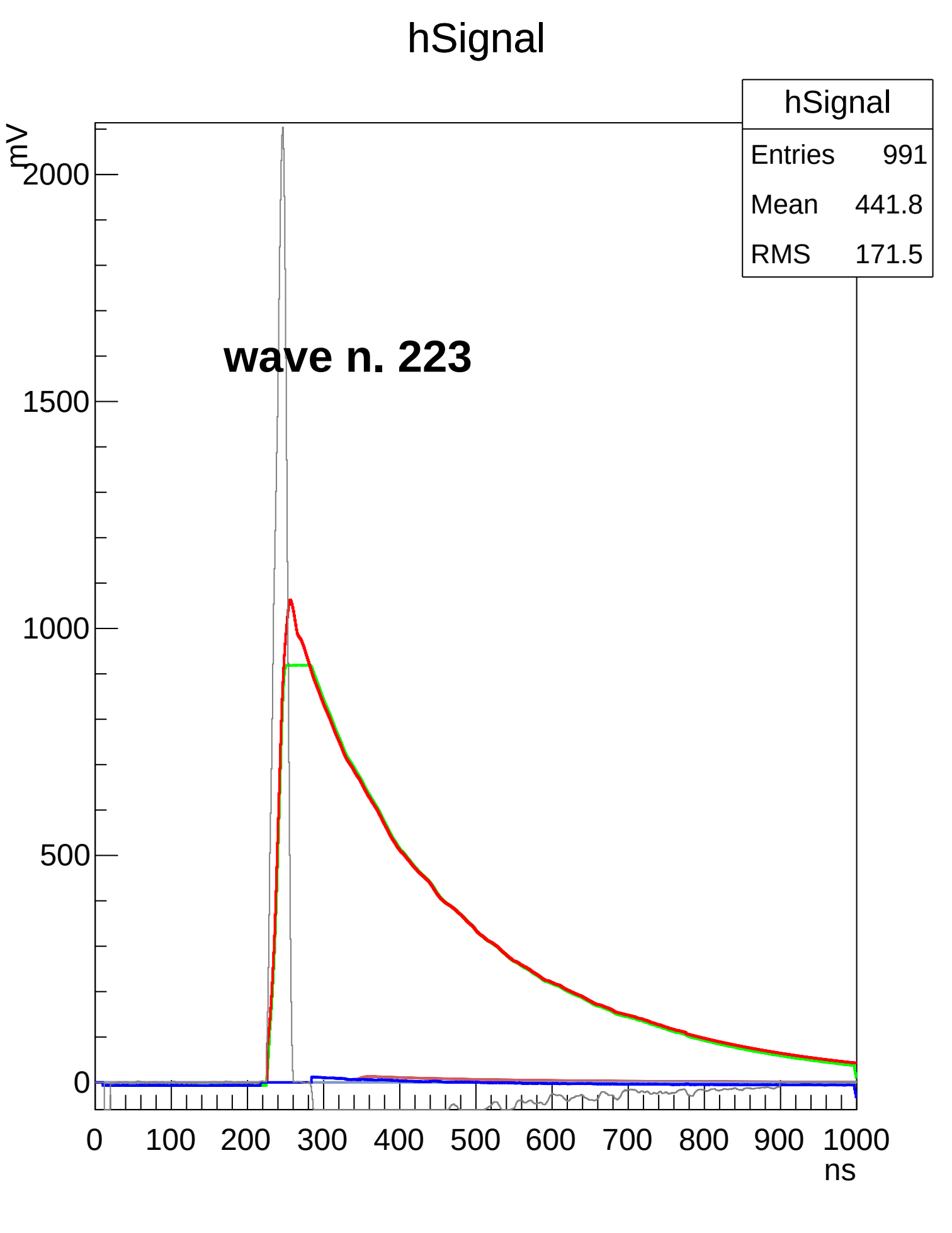
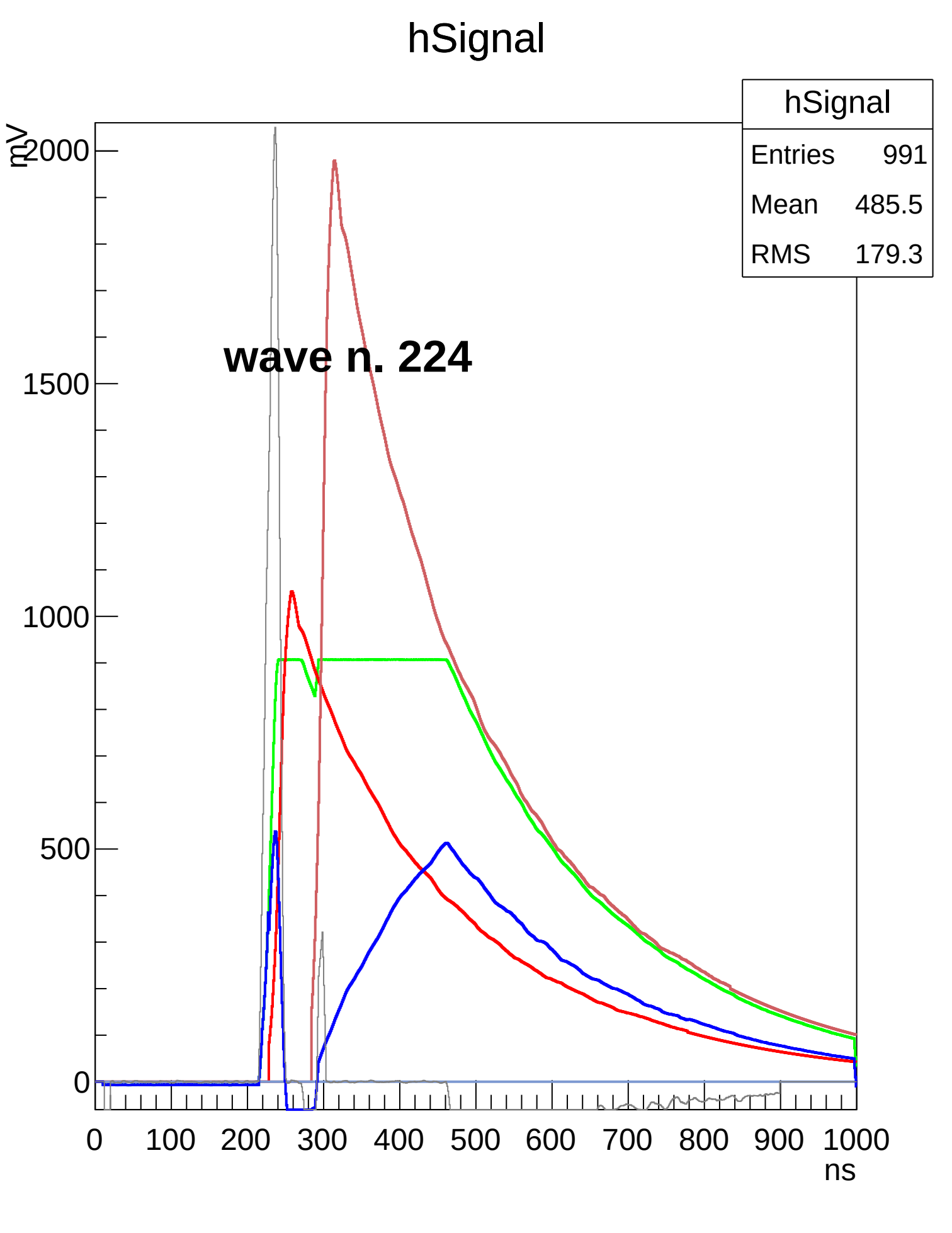
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.1
RMS 148.9
wave n. 221
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 564.7
RMS 186.5
wave n. 222
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 441.8
RMS 171.5
wave n. 223
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485.5
RMS 179.3
wave n. 224
mV
2000
1500
1000
500
0
0
100
200
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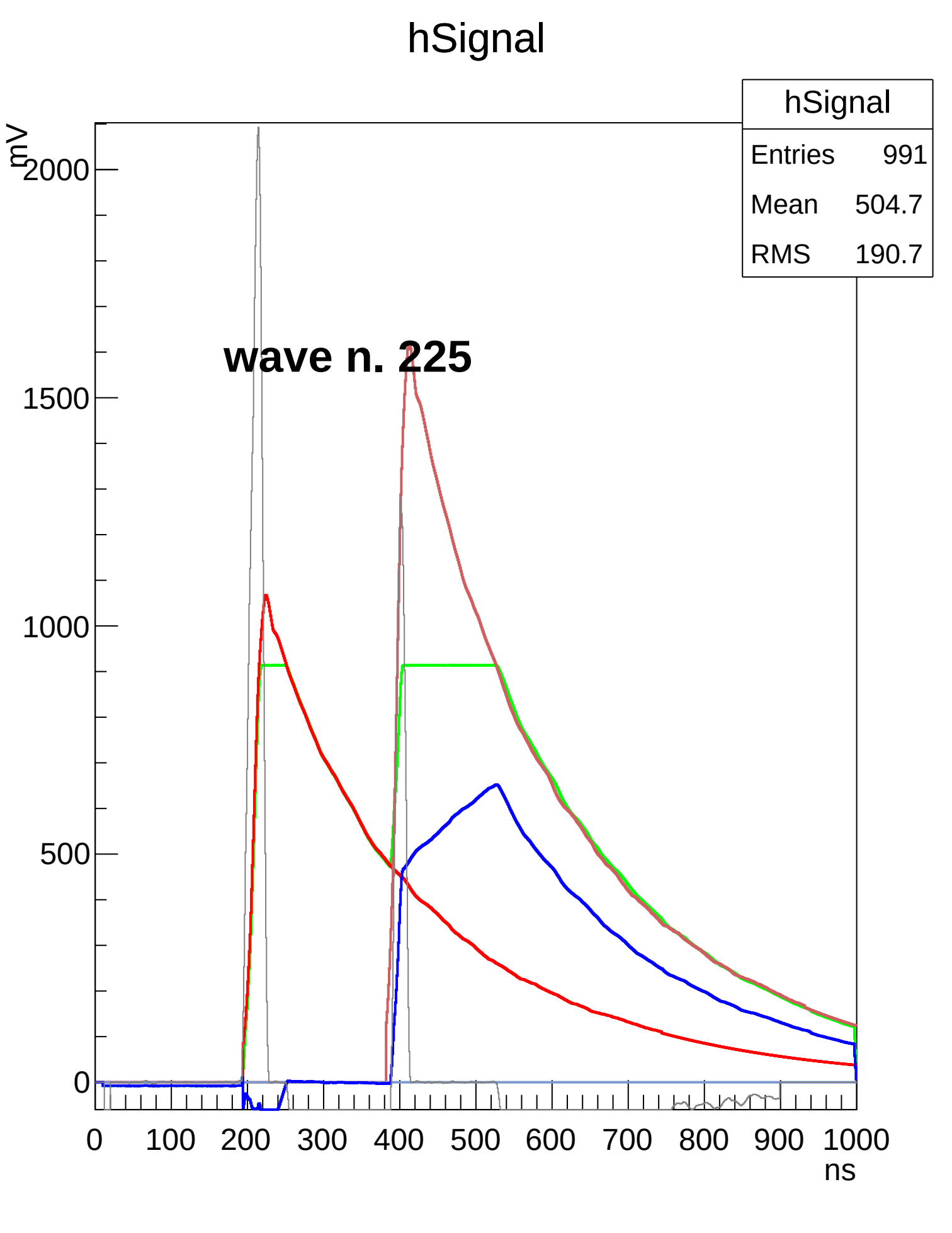
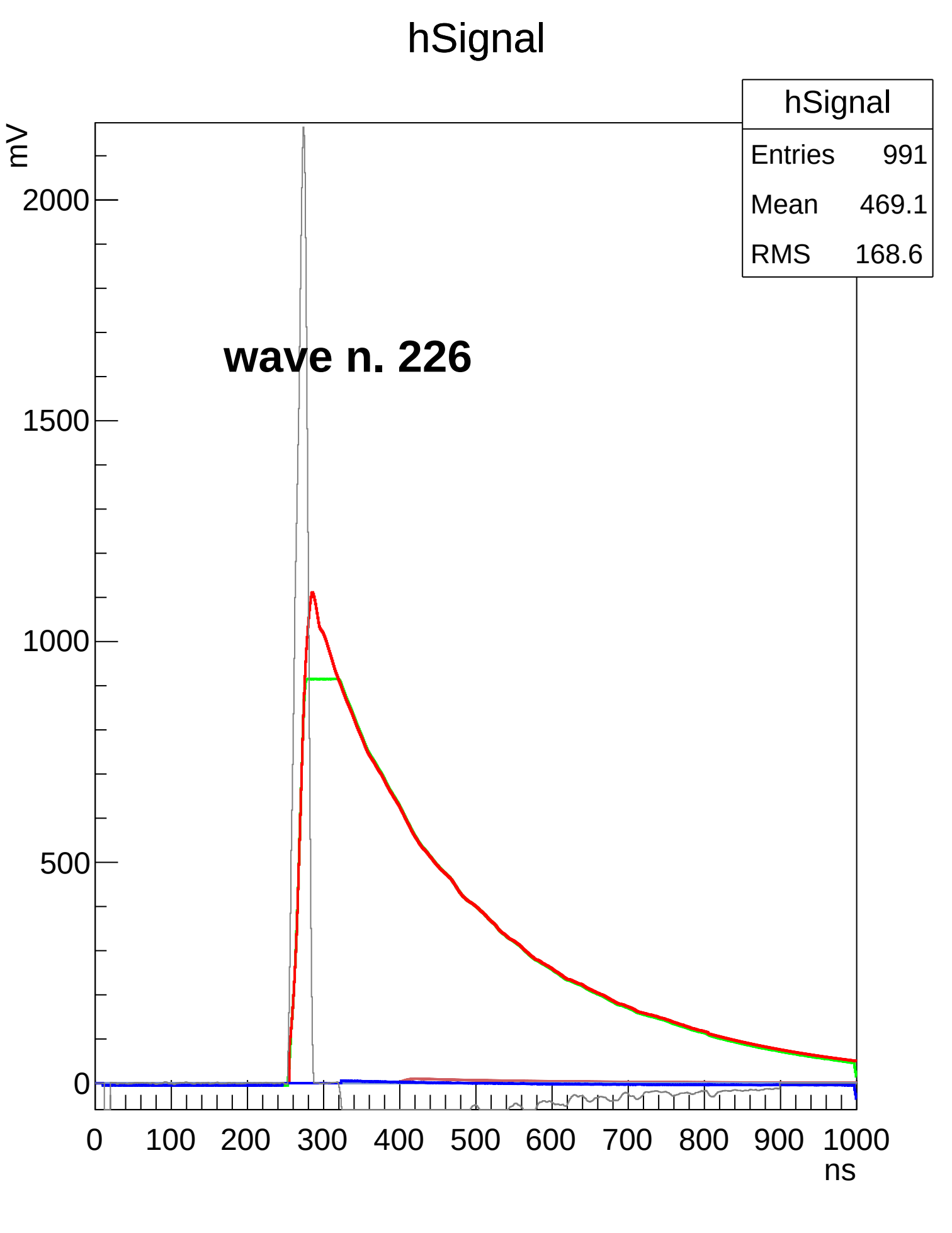
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.7
RMS 190.7
wave n. 225
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 469.1
RMS 168.6
wave n. 226
mV
2000
1500
1000
500
0
0
100
200
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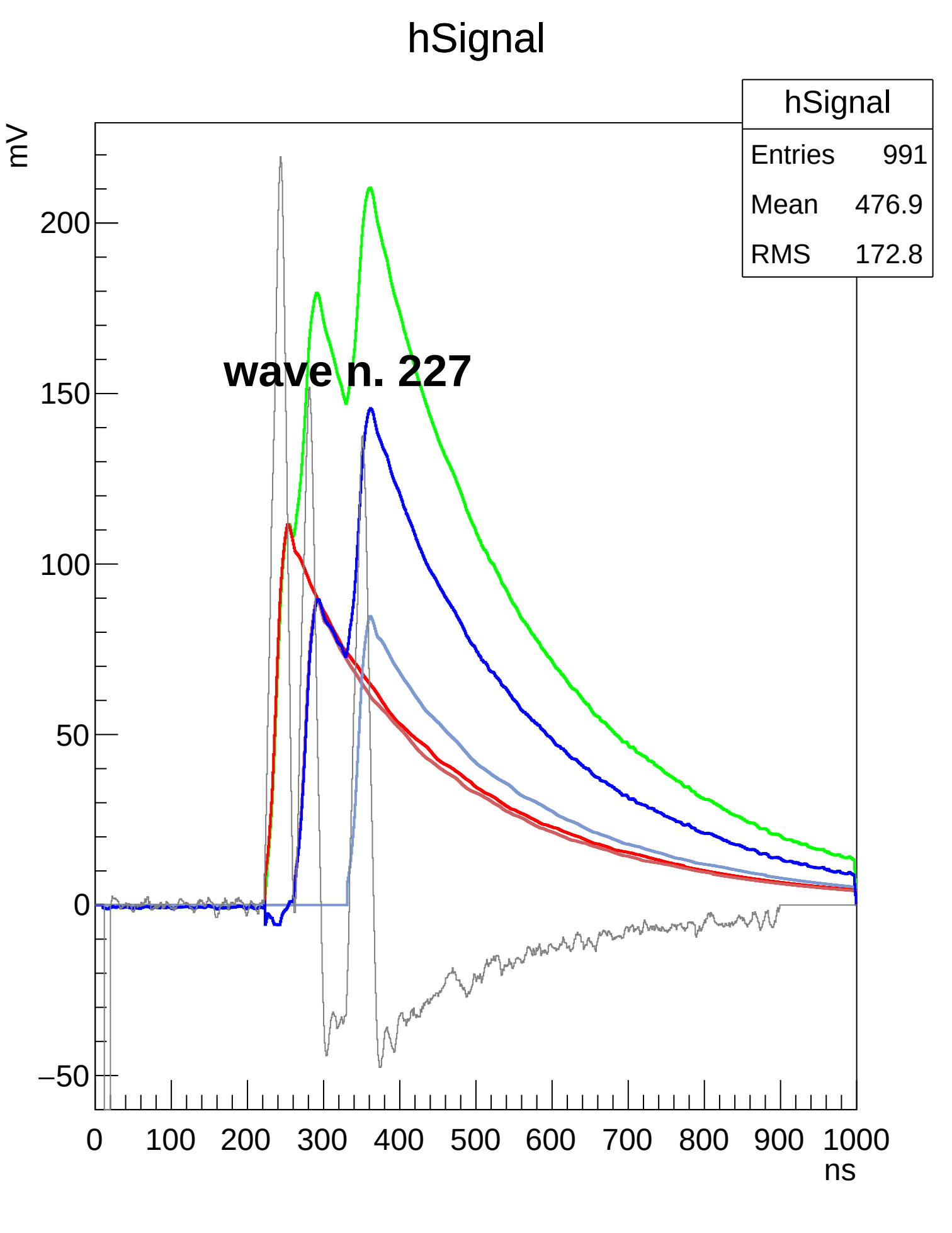
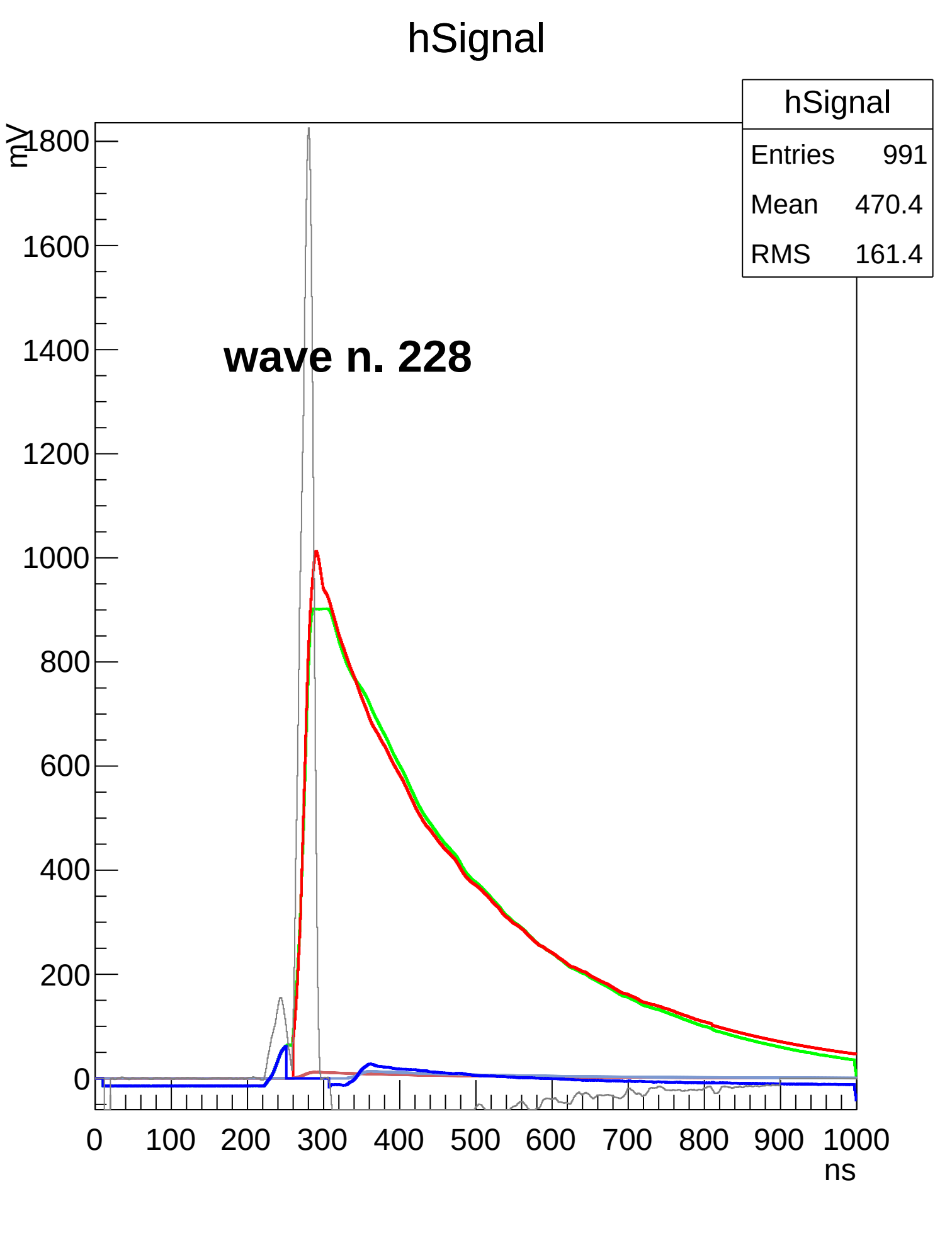
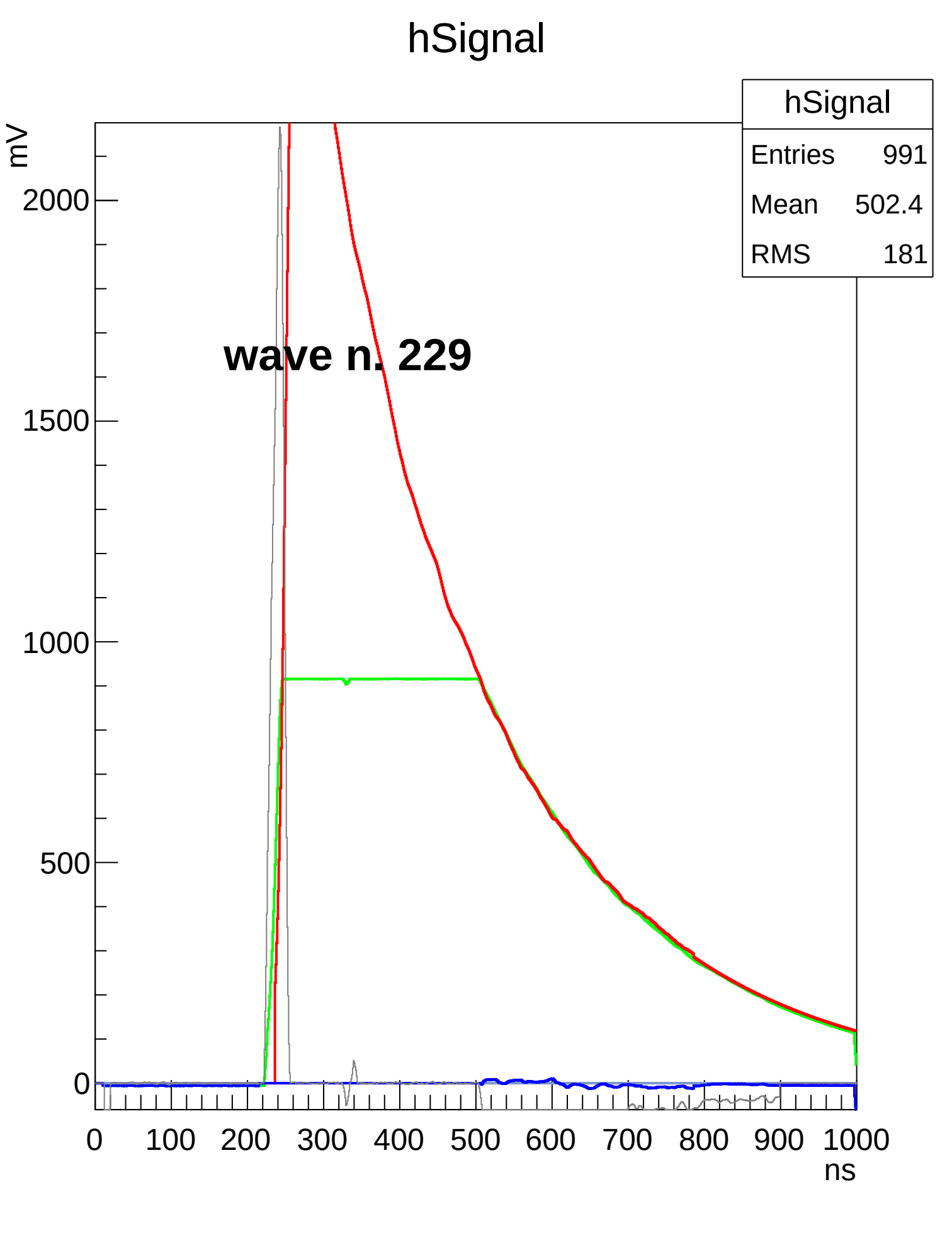
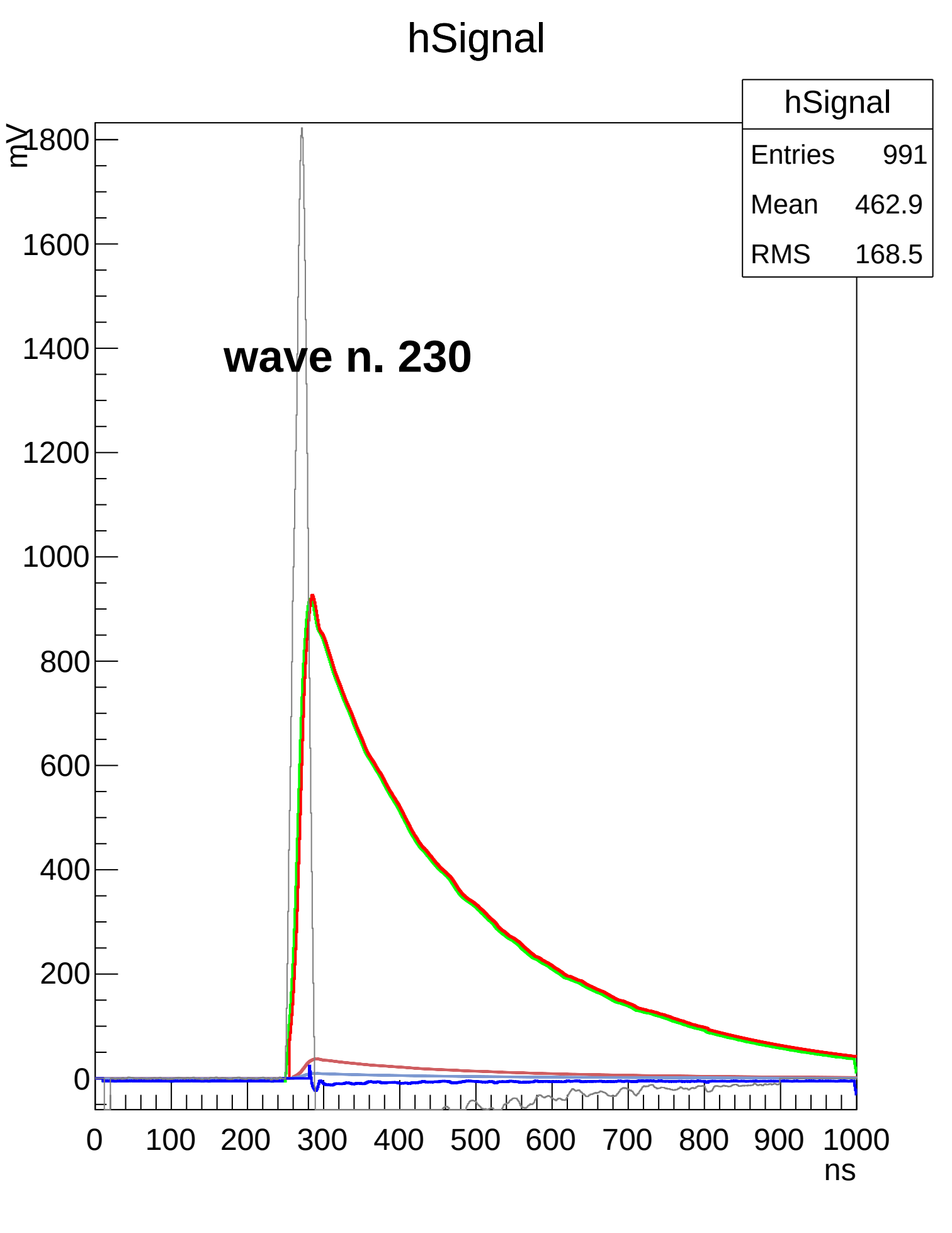
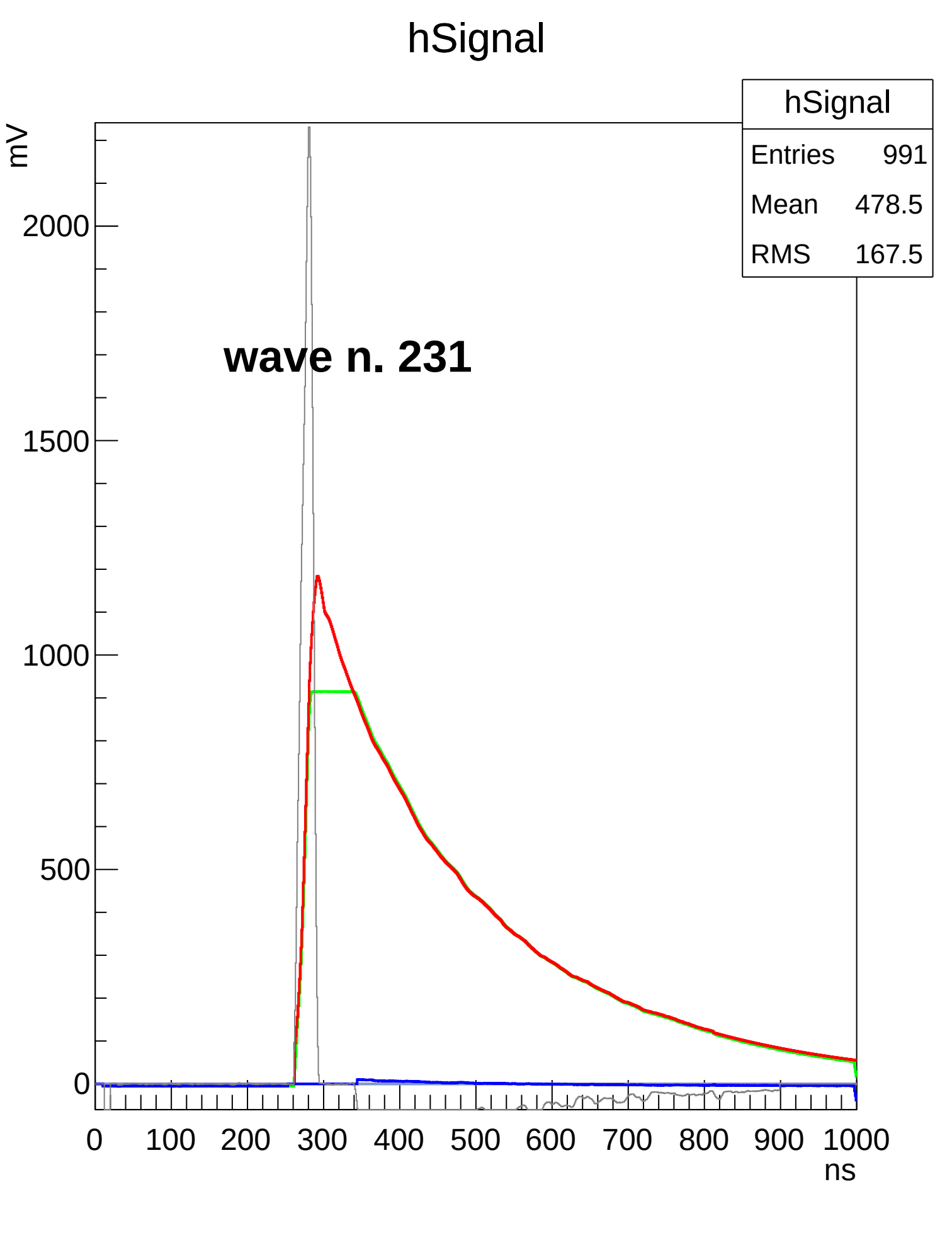
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 476.9
RMS 172.8
wave n. 227
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 470.4
RMS 161.4
wave n. 228
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.4
RMS 181
wave n. 229
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 462.9
RMS 168.5
wave n. 230
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 478.5
RMS 167.5
wave n. 231
mV
2000
1500
1000
500
0
0
100
200
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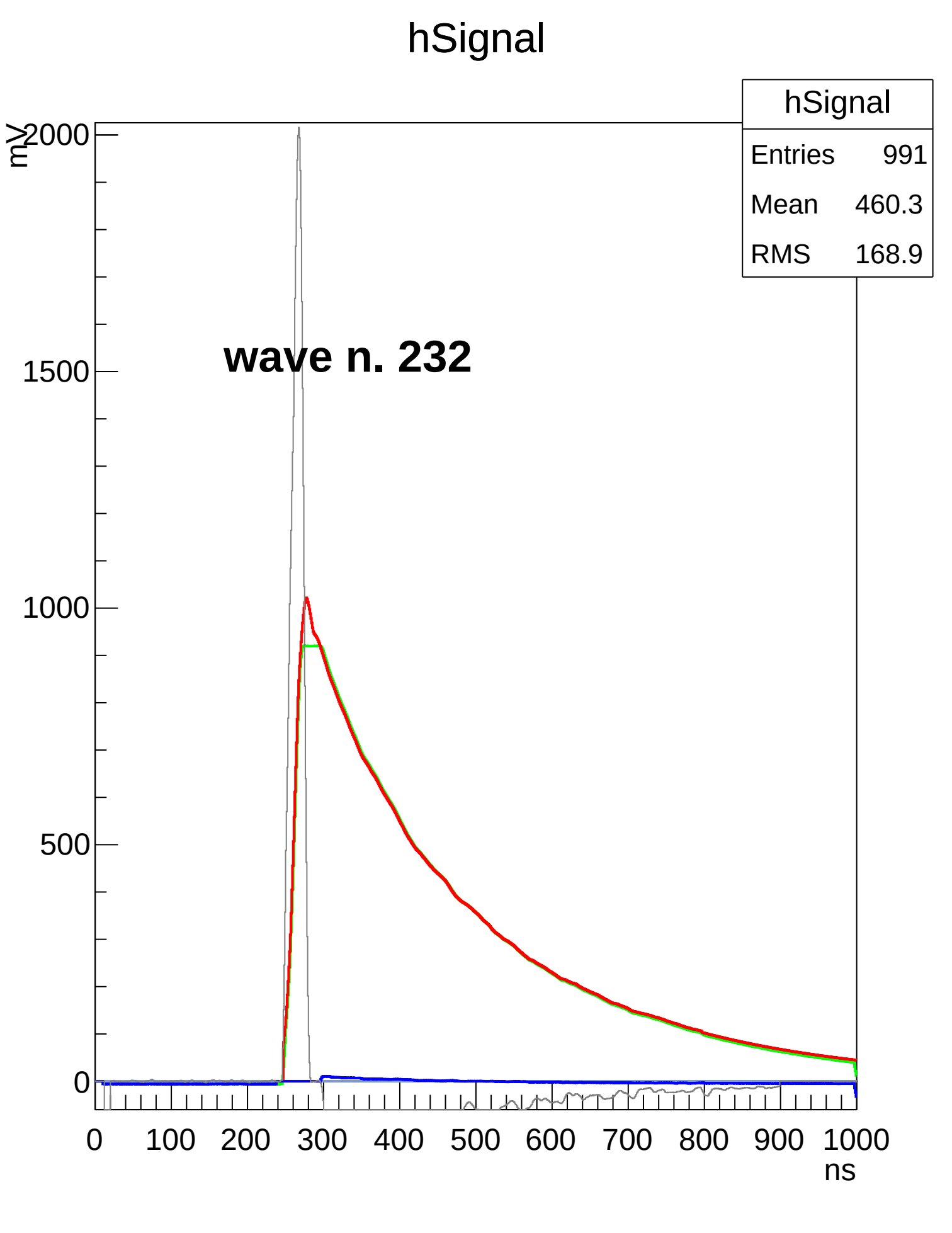
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 460.3
RMS 168.9
wave n. 232
mV
2000
1500
1000
500
0
0
100
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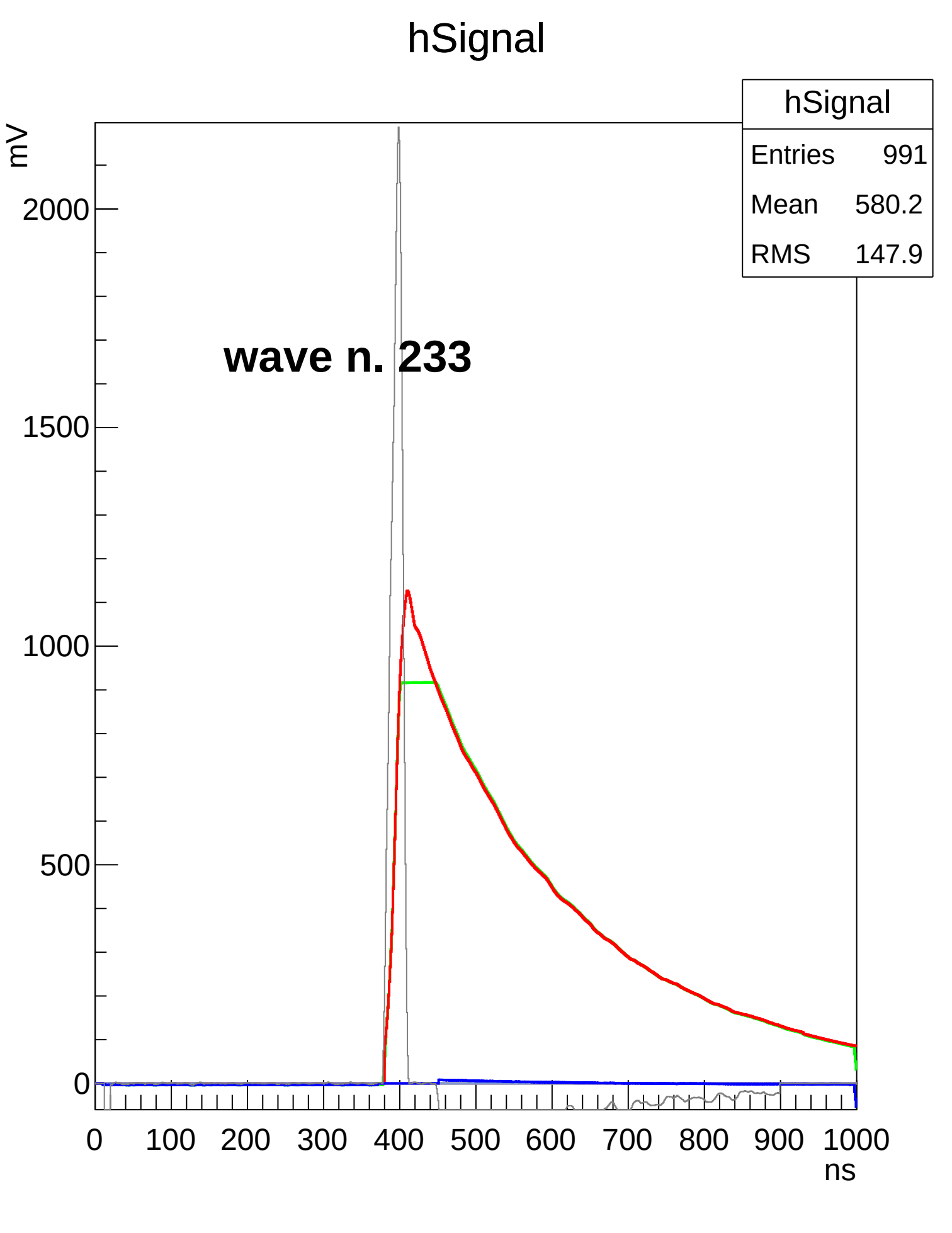
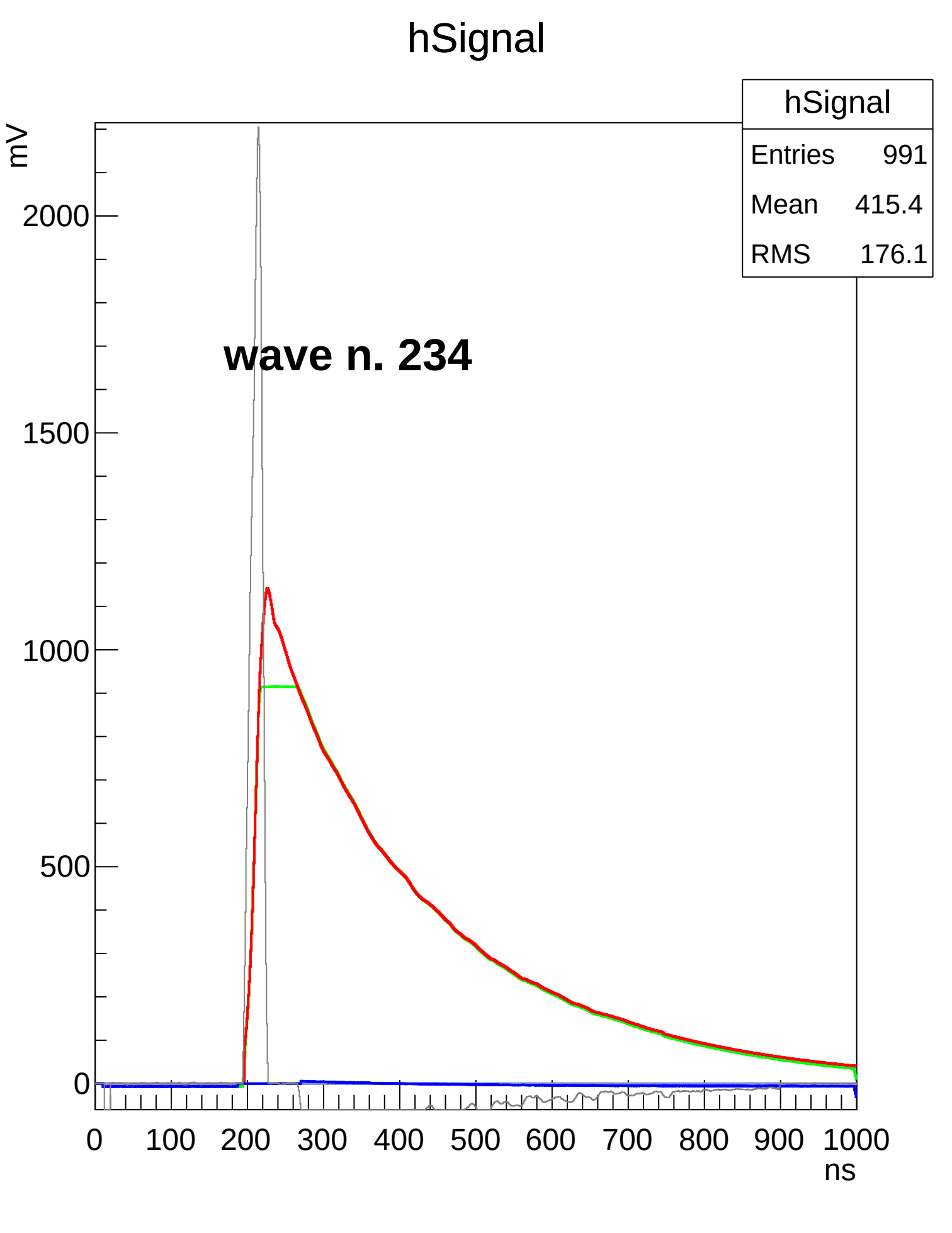
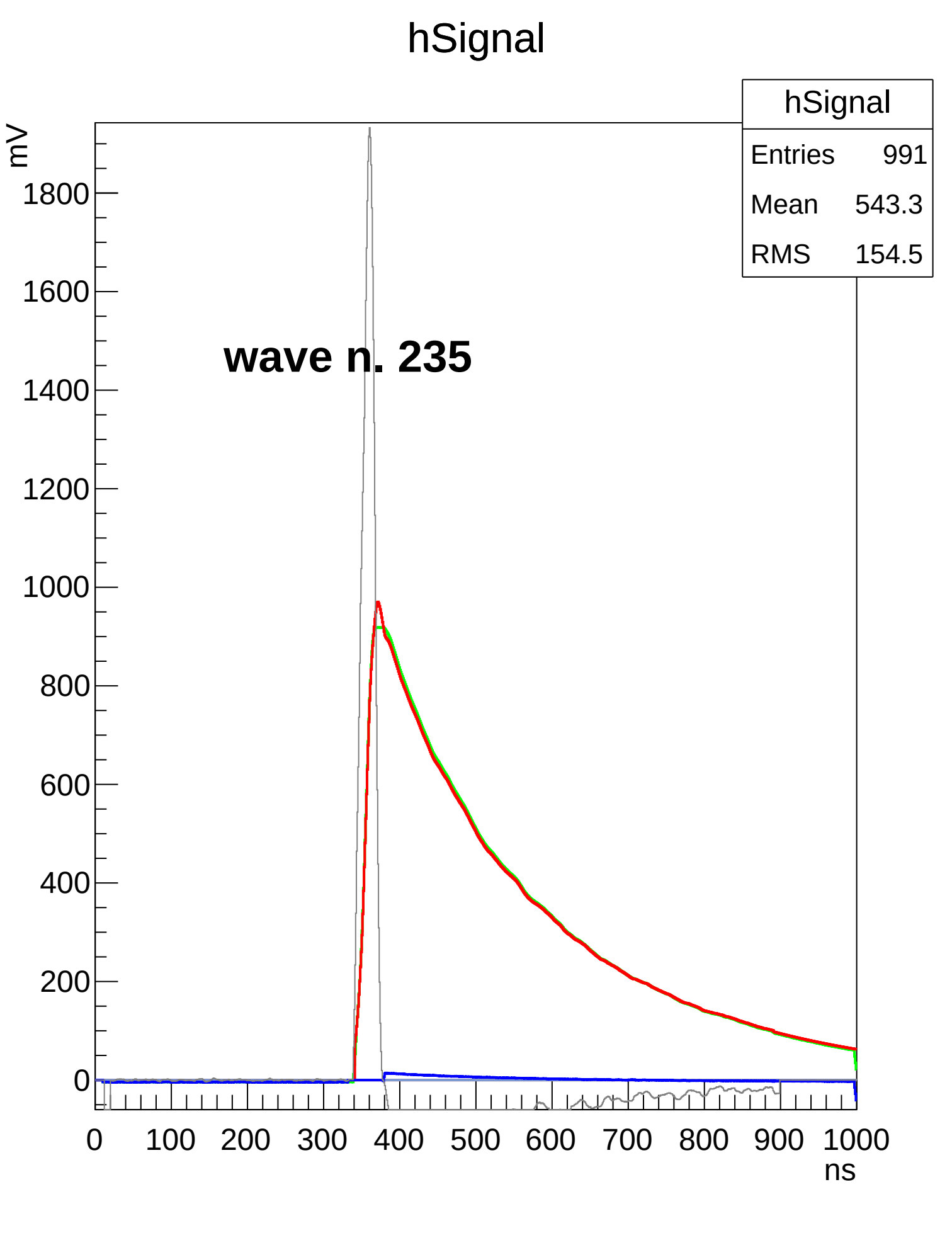
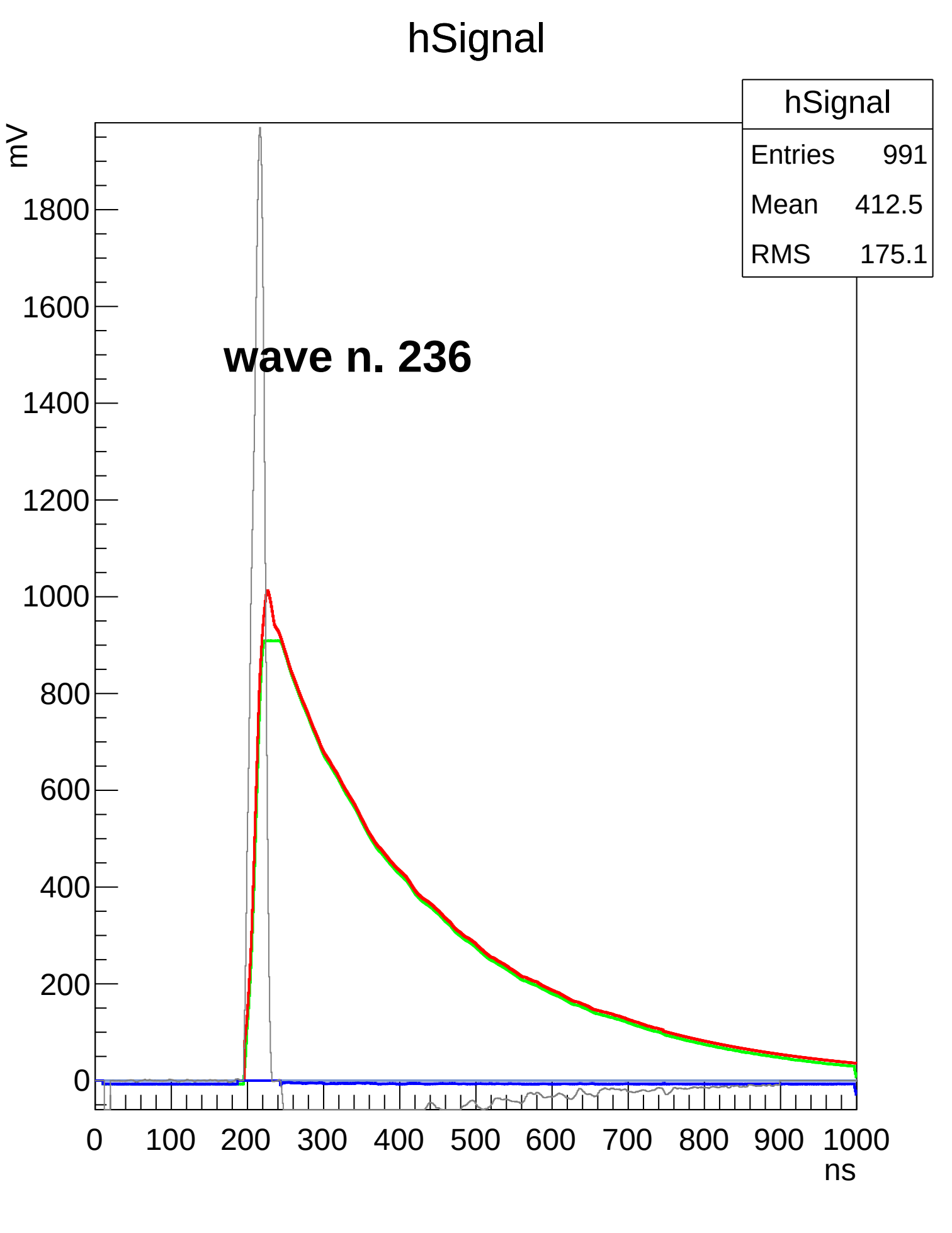
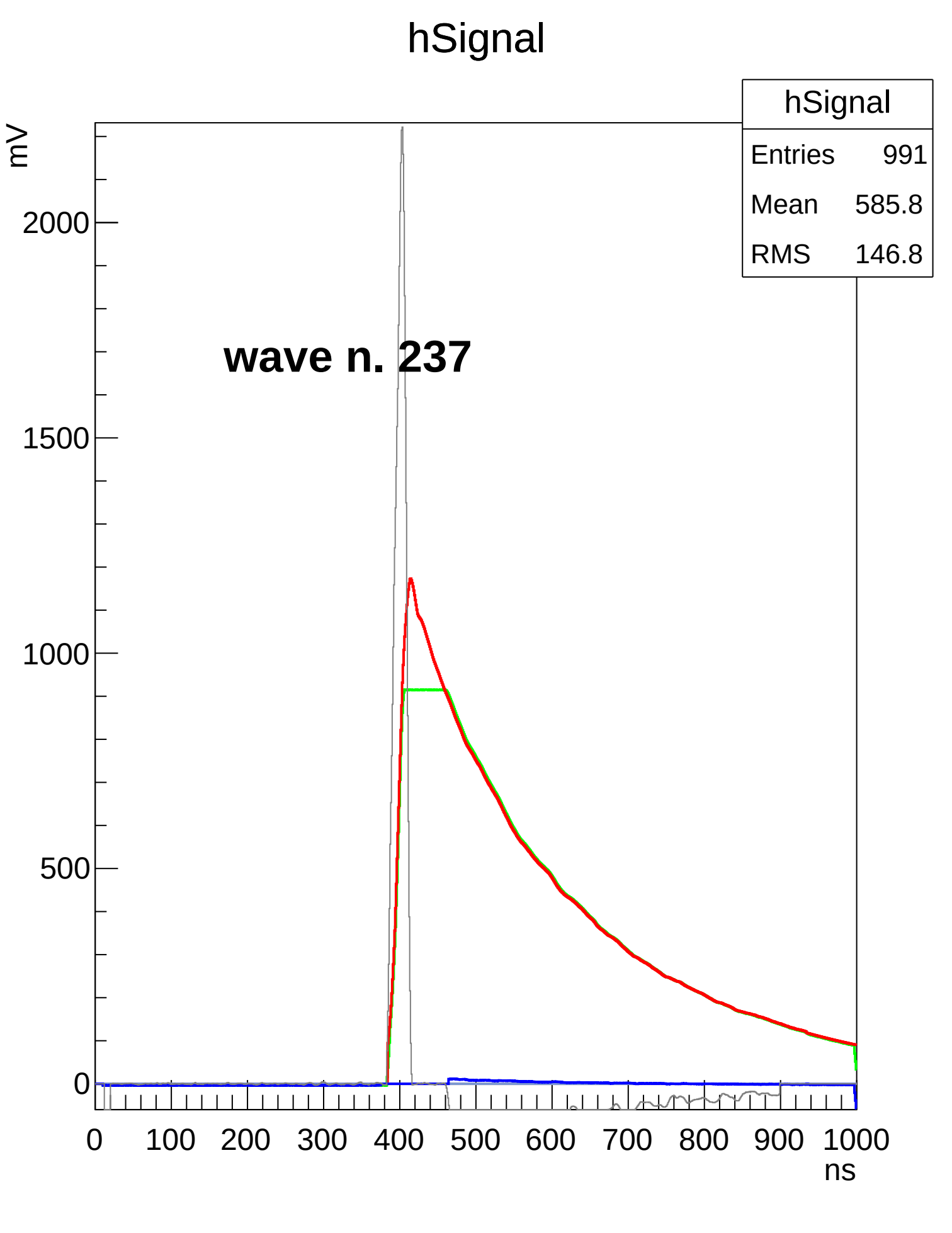
700
800
900
1000
ns

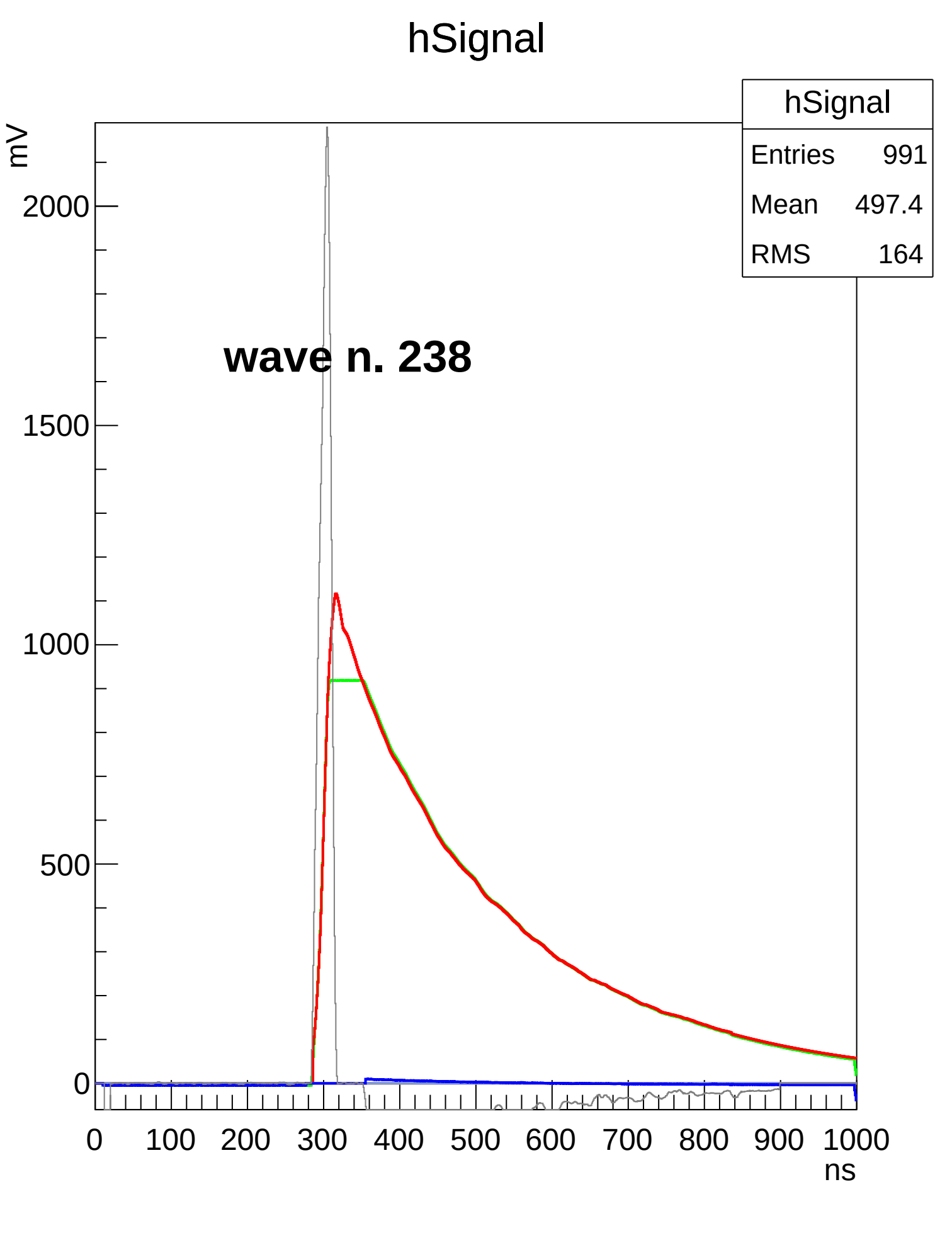

hSignal
hSignal
Entries 991
Mean 580.2
RMS 147.9
wave n. 233
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 415.4
RMS 176.1
wave n. 234
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 543.3
RMS 154.5
wave n. 235
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 412.5
RMS 175.1
wave n. 236
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 585.8
RMS 146.8
wave n. 237
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 497.4
RMS 164
wave n. 238
mV
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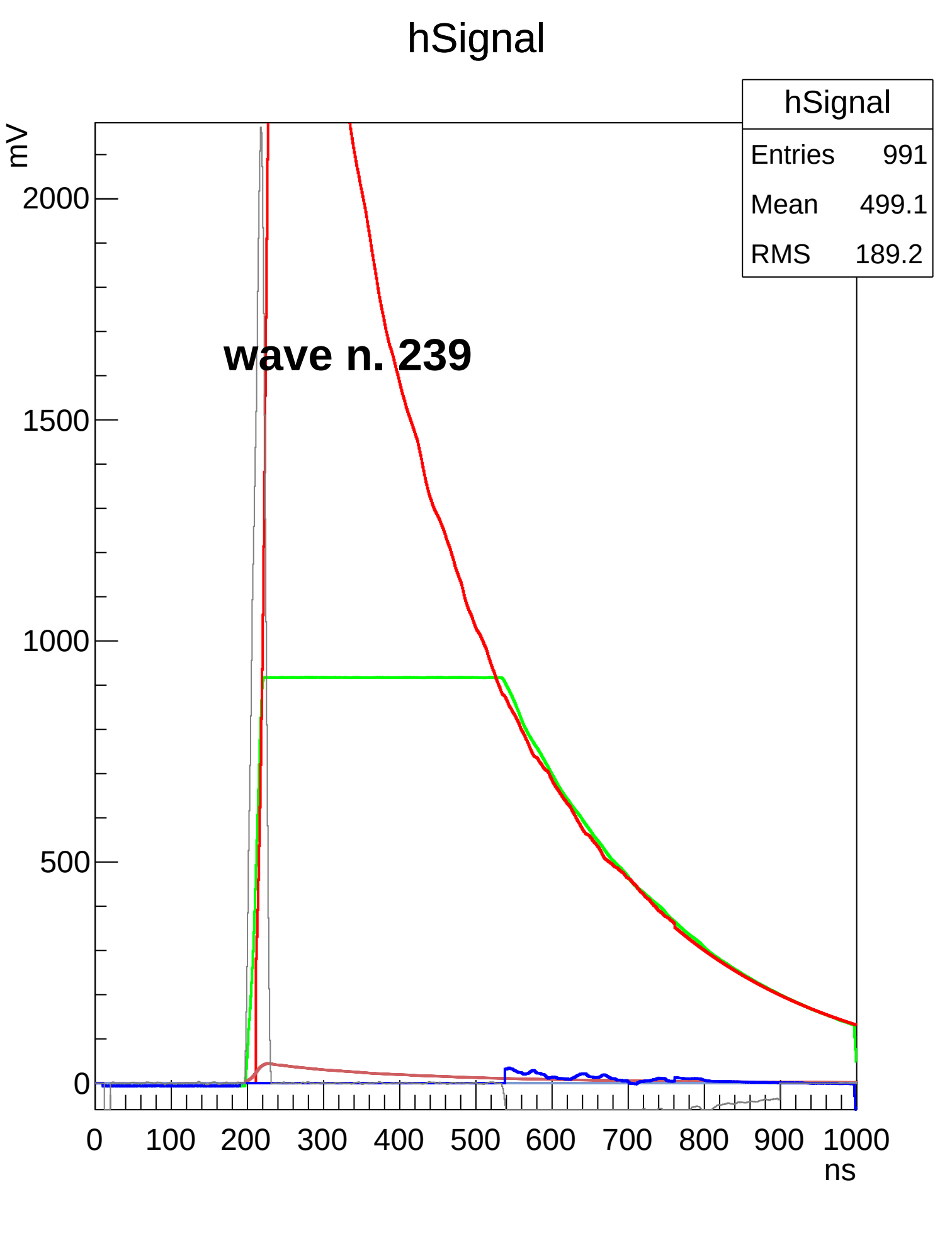
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.1
RMS 189.2
wave n. 239
mV
2000
1500
1000
500
0
0
100
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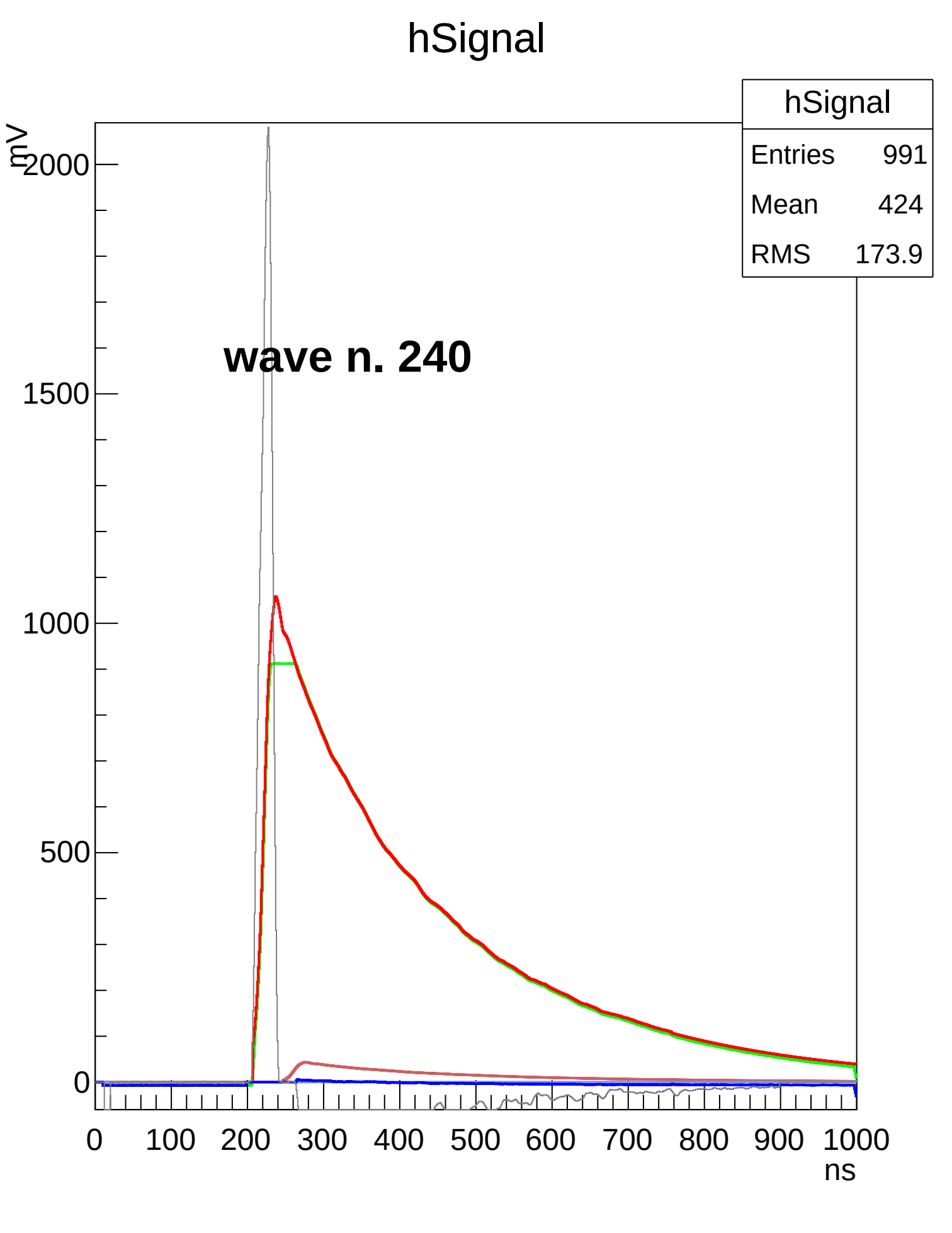
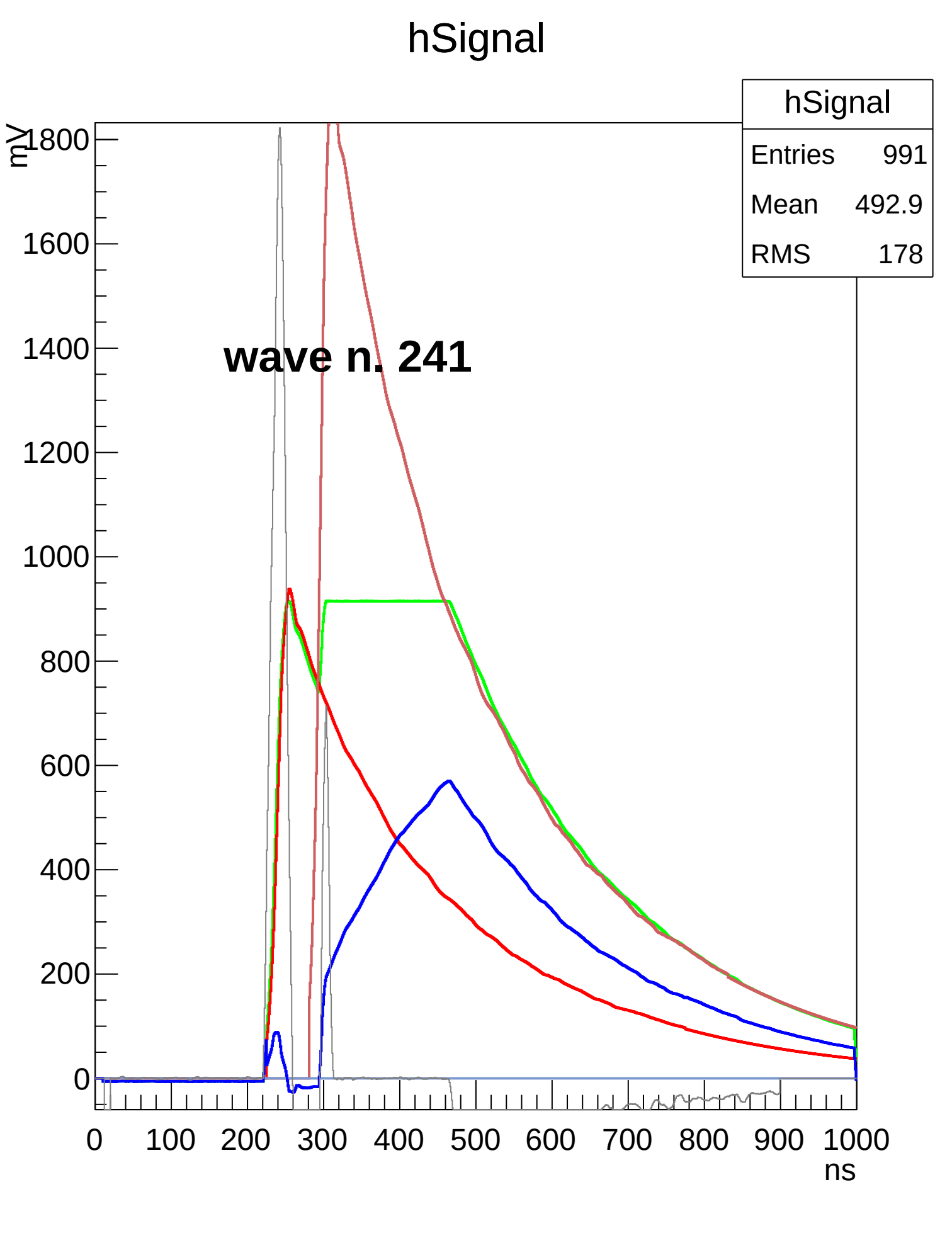
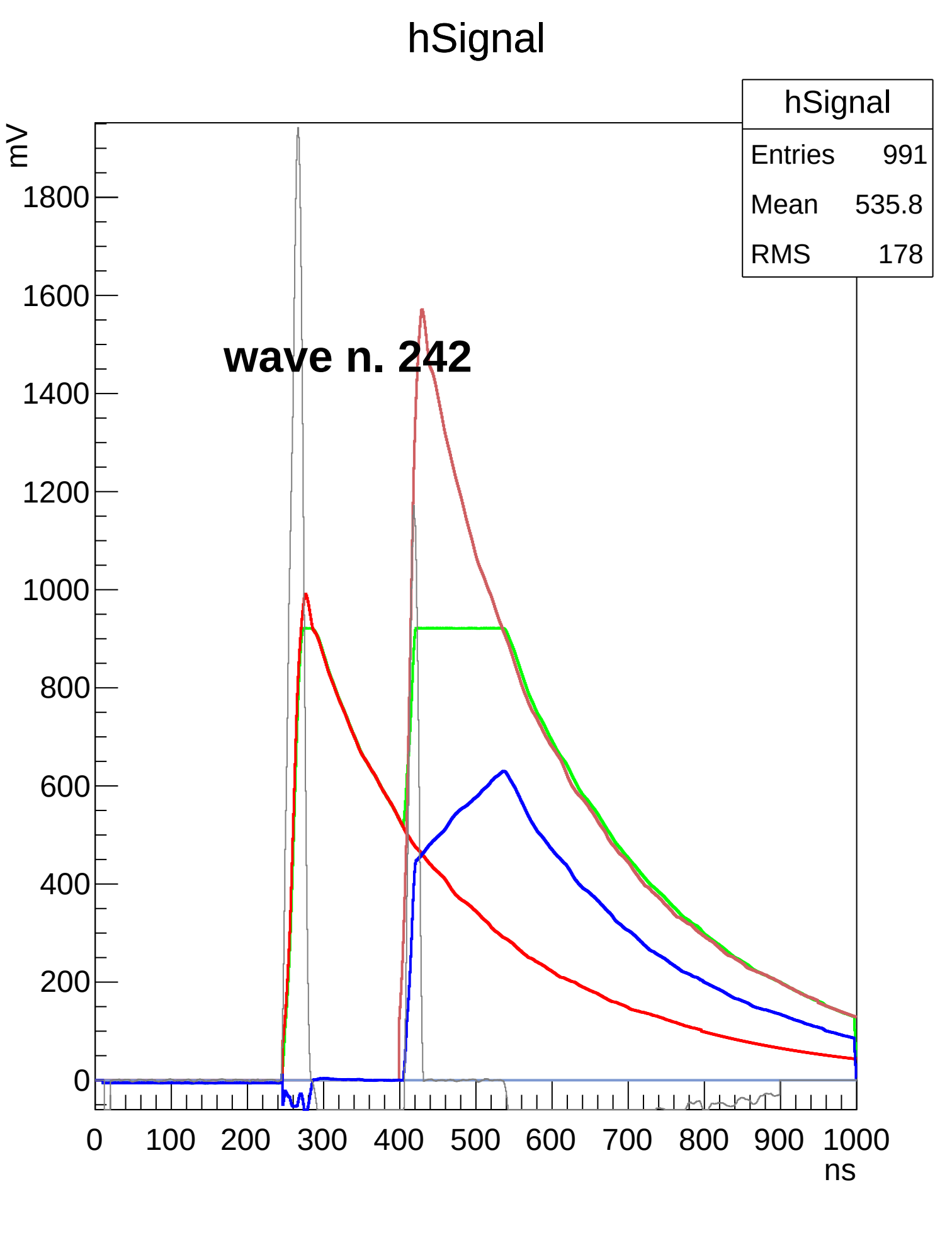
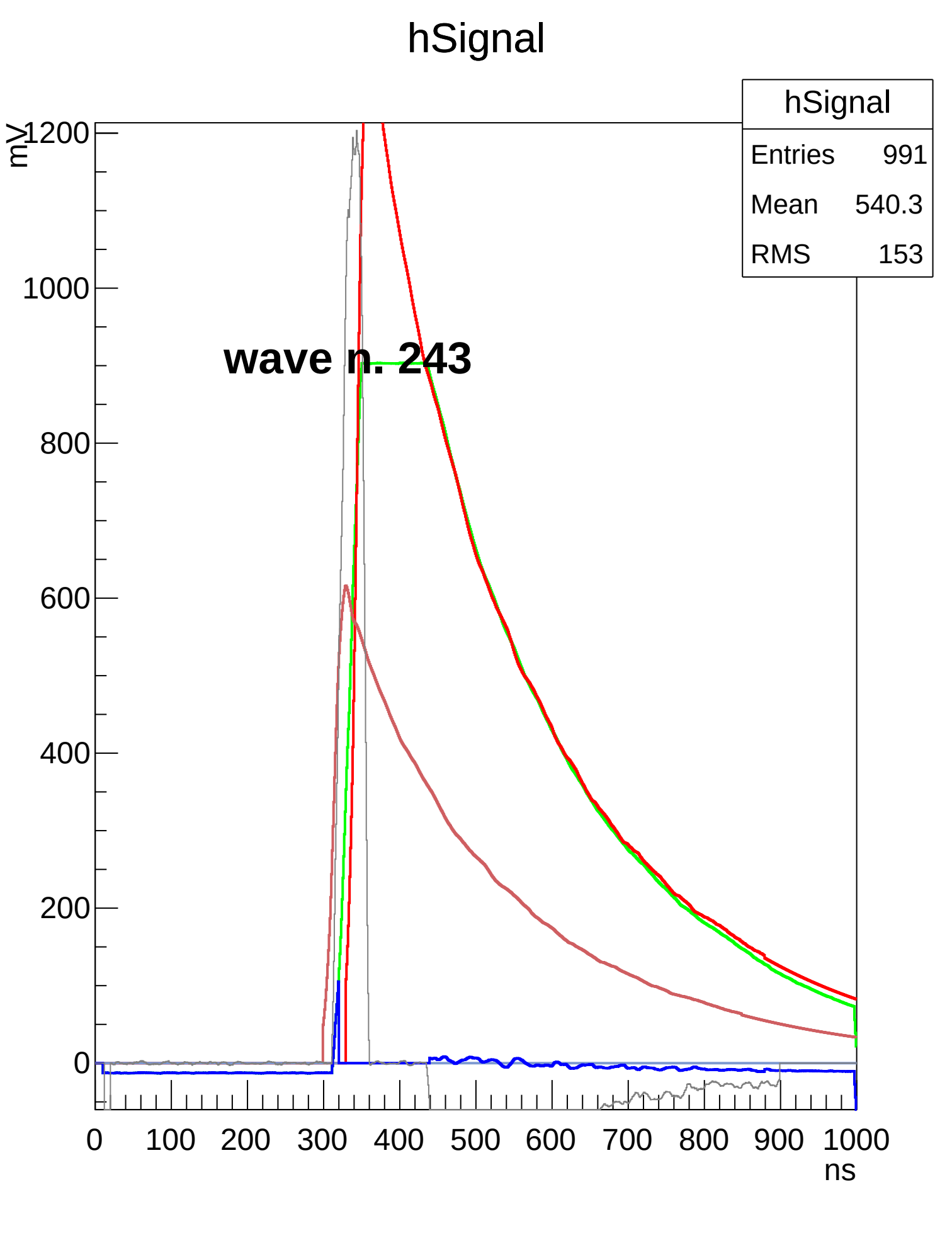
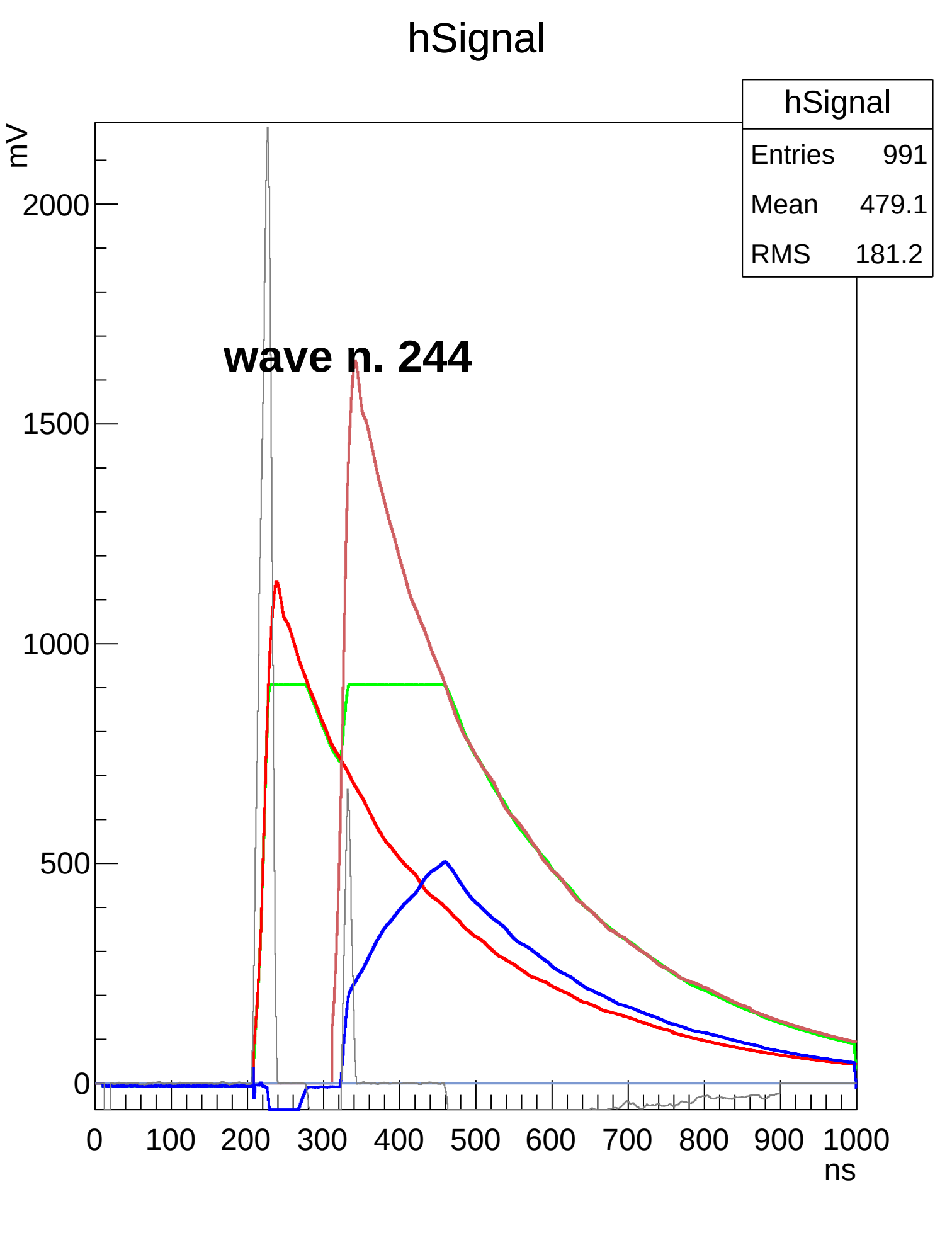
700
800
900
1000
ns

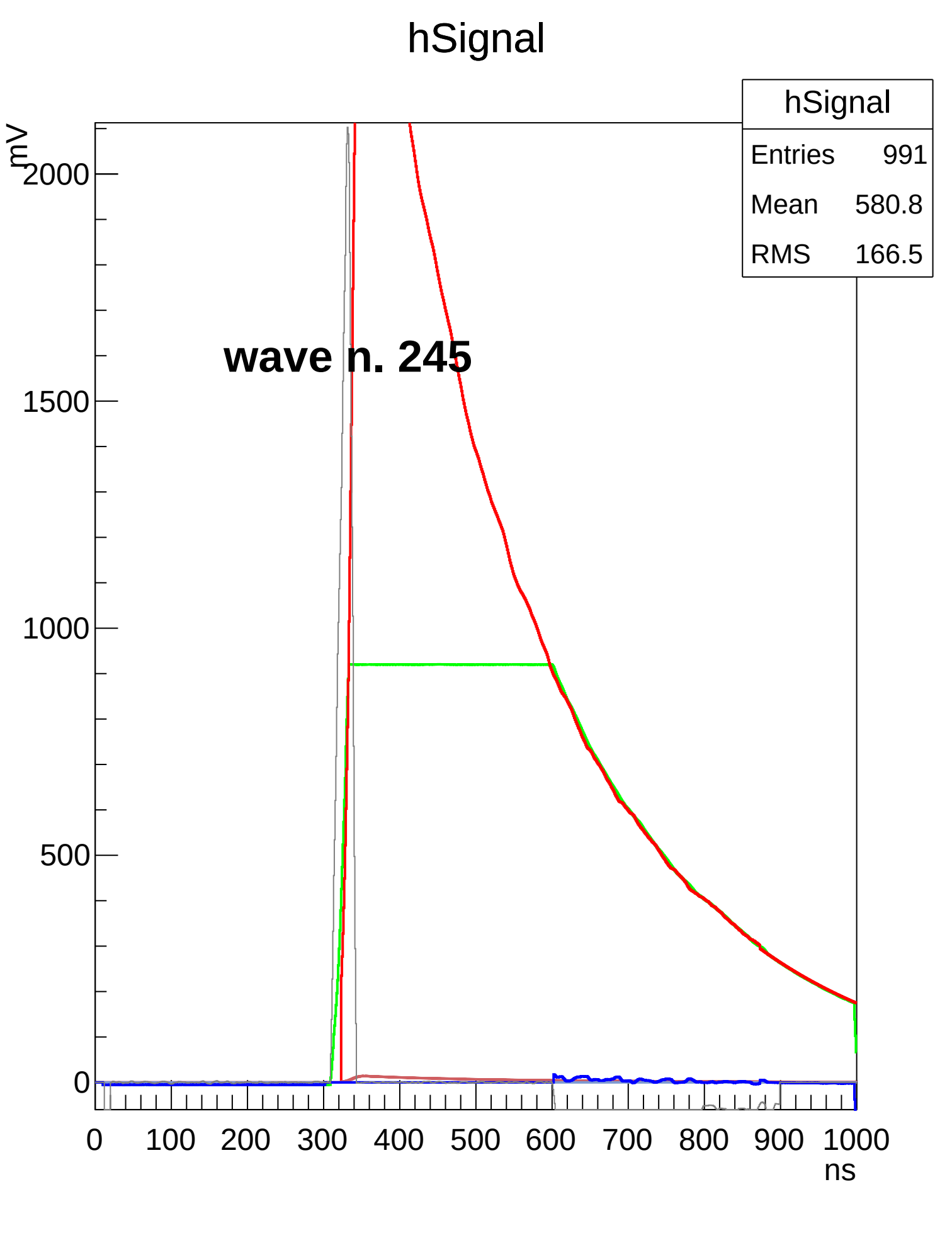

hSignal
hSignal
Entries 991
Mean 424
RMS 173.9
wave n. 240
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 492.9
RMS 178
wave n. 241
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 535.8
RMS 178
wave n. 242
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 540.3
RMS 153
wave n. 243
mV
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 479.1
RMS 181.2
wave n. 244
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 580.8
RMS 166.5
wave n. 245
mV
2000
1500
1000
500
0
0
100
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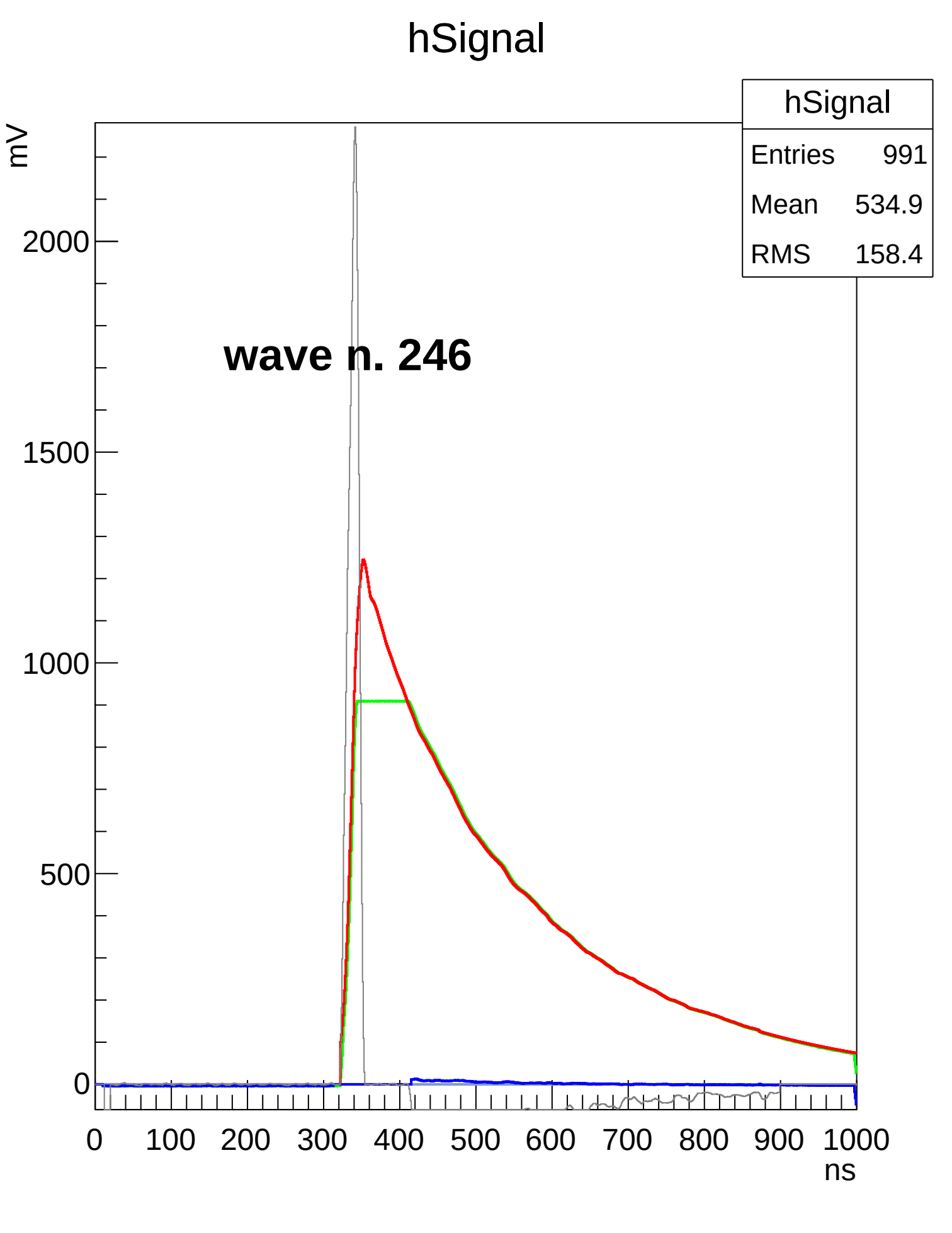
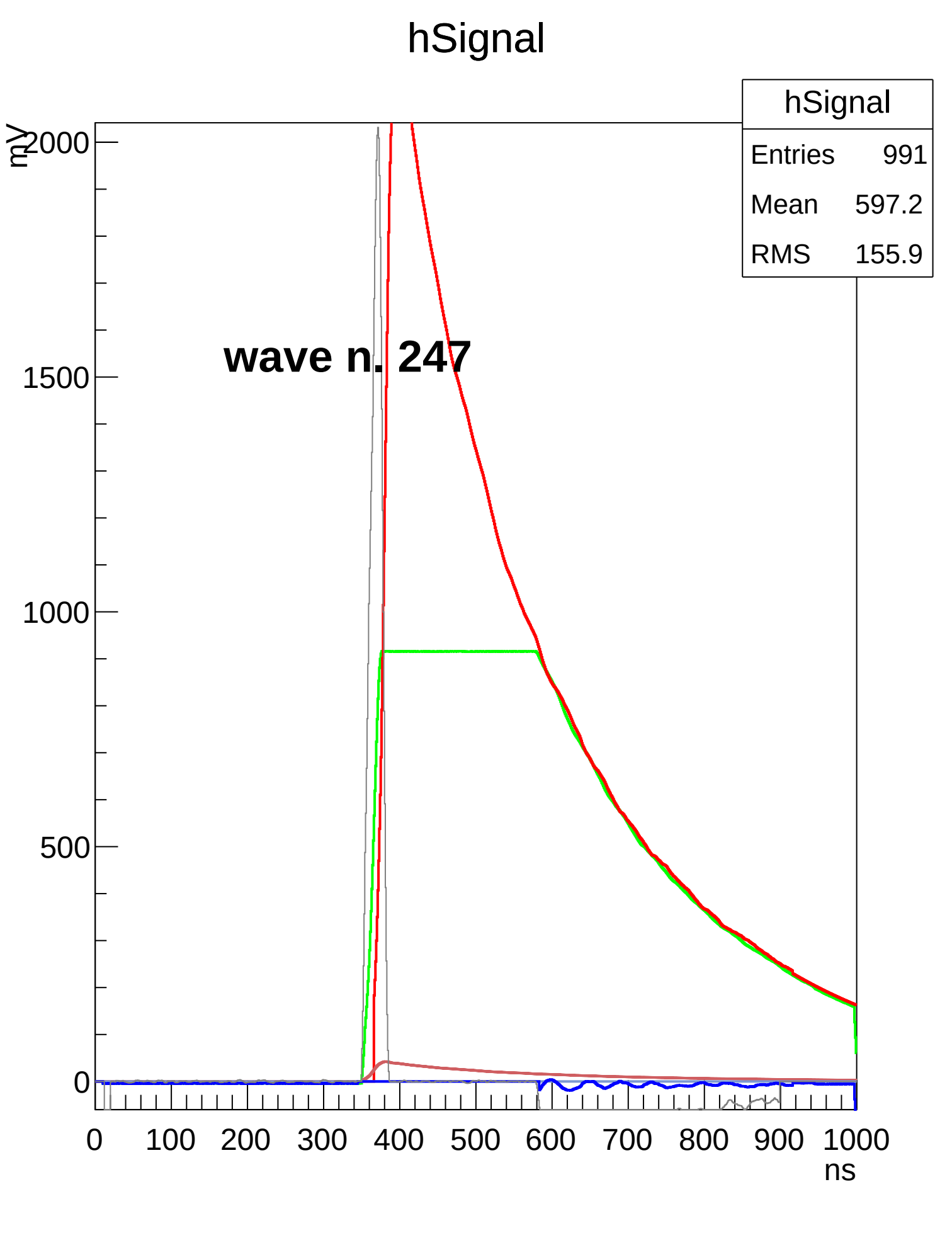
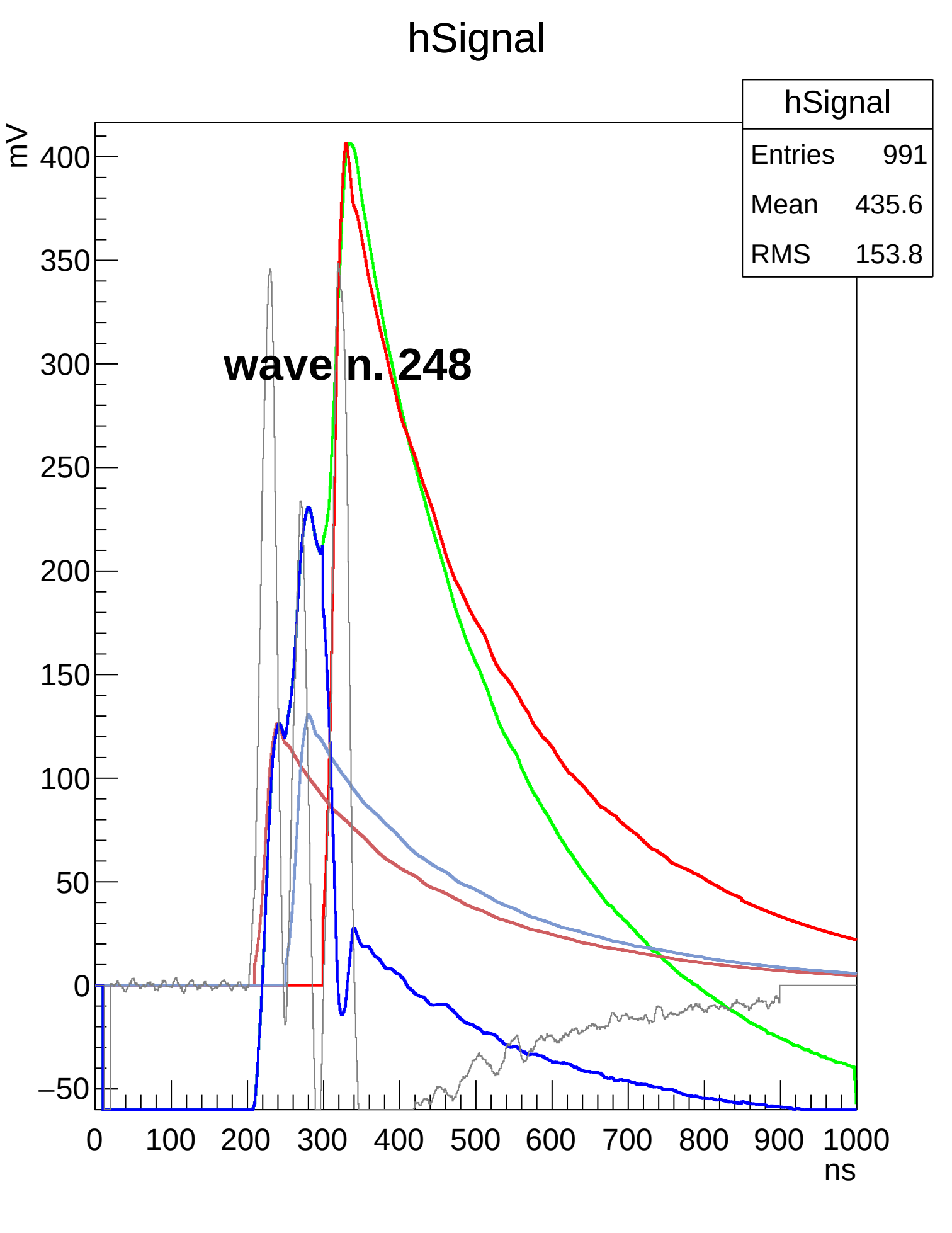
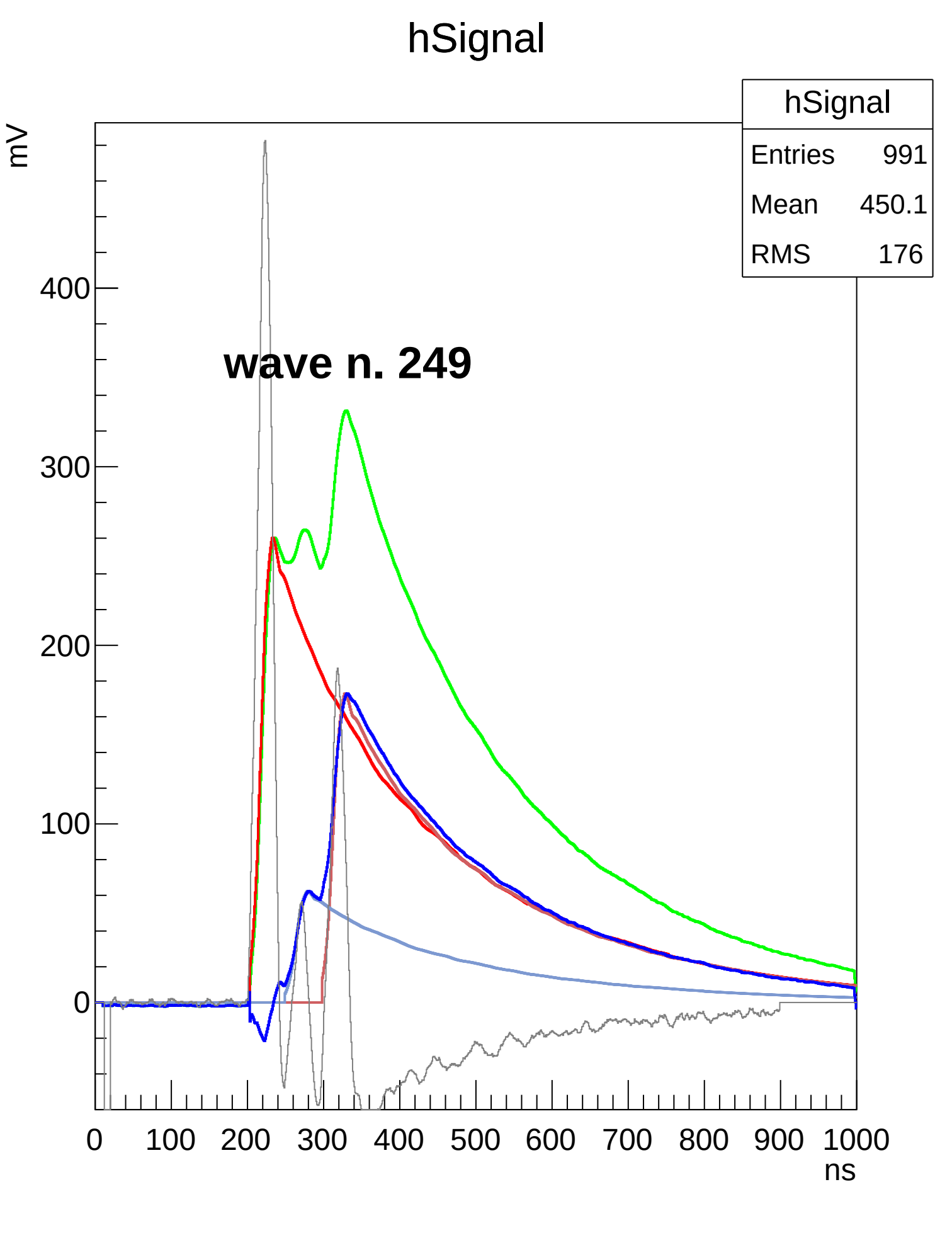
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.9
RMS 158.4
wave n. 246
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 597.2
RMS 155.9
wave n. 247
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 435.6
RMS 153.8
wave n. 248
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 450.1
RMS 176
wave n. 249
mV
400
300
200
100
0
0
100
200
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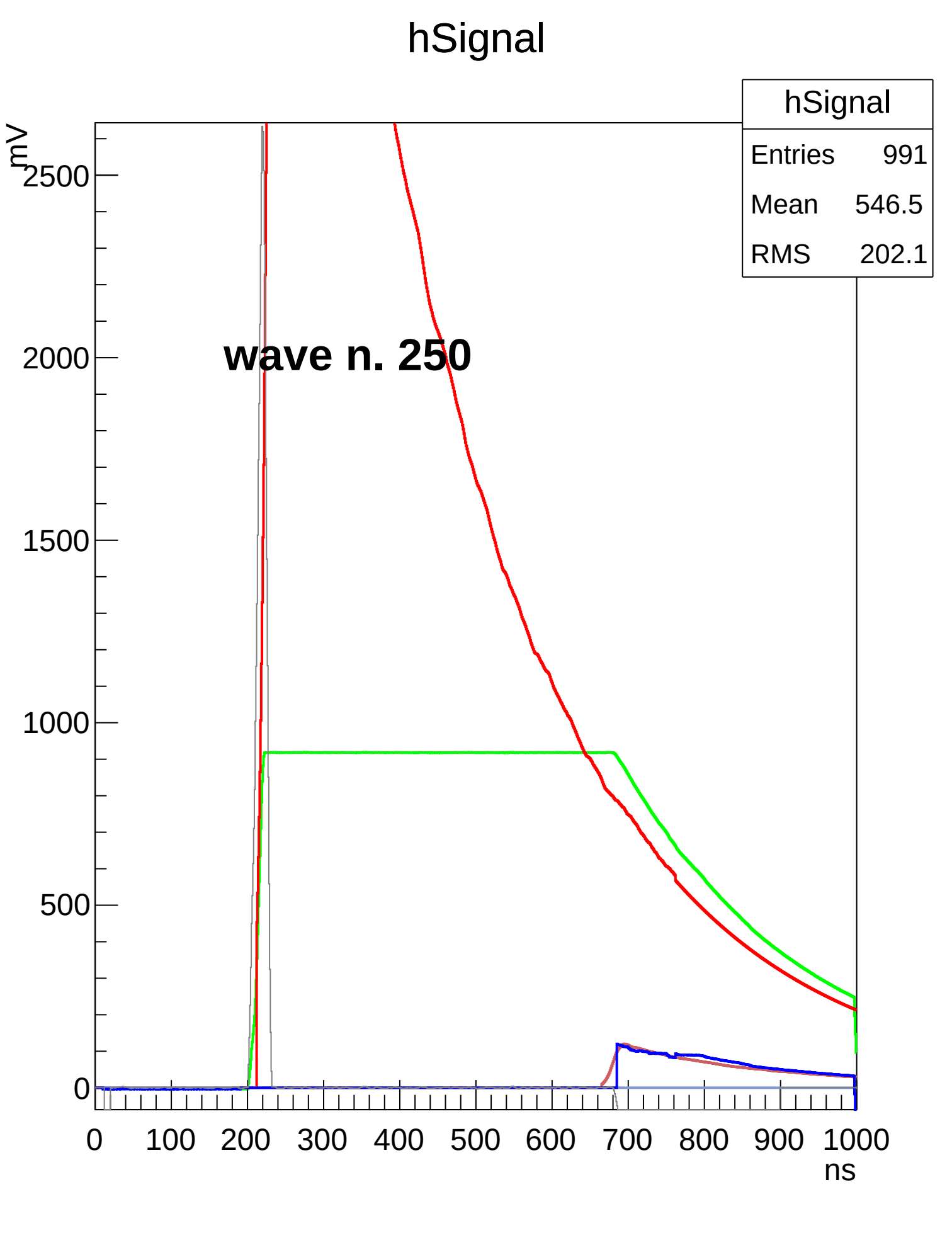
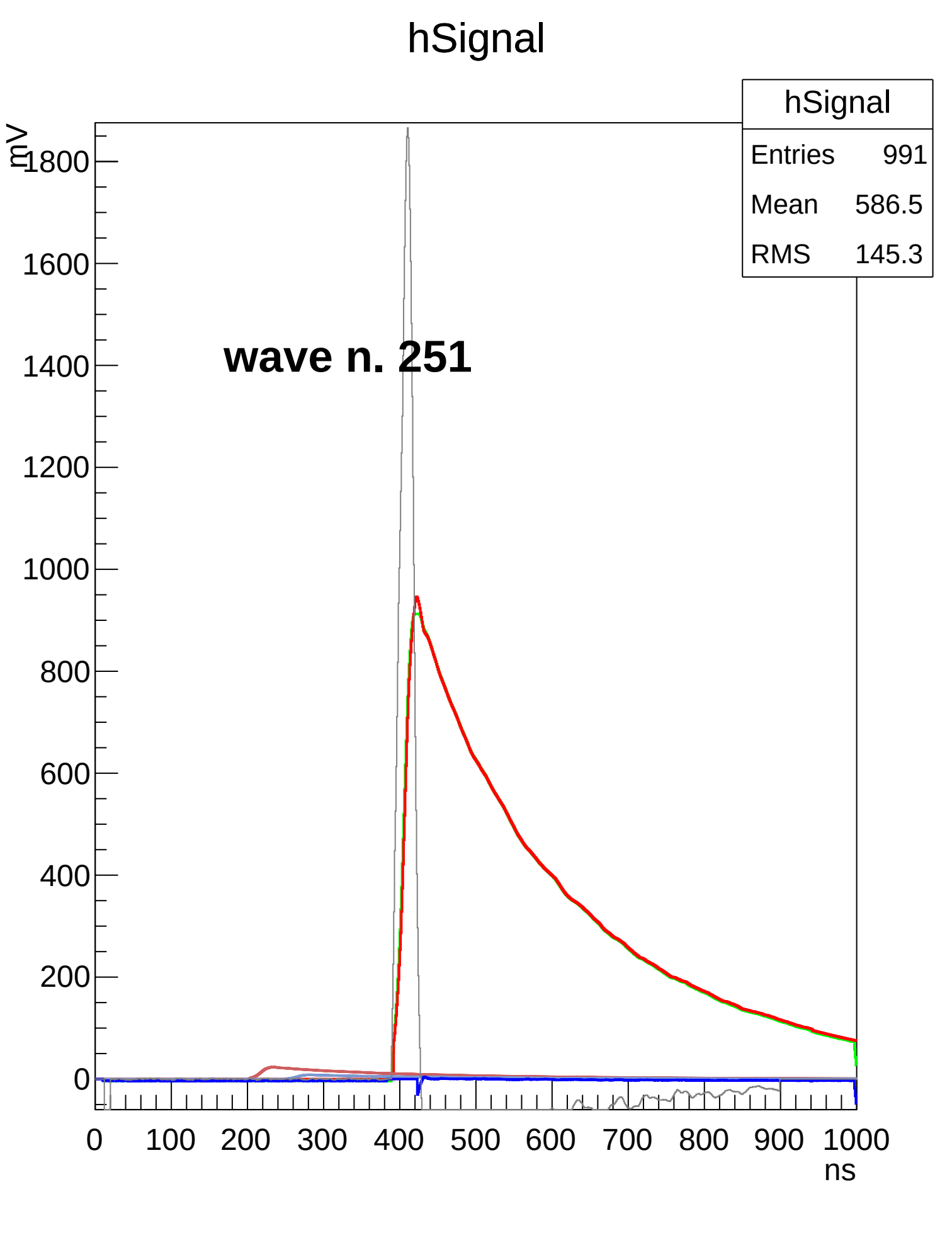
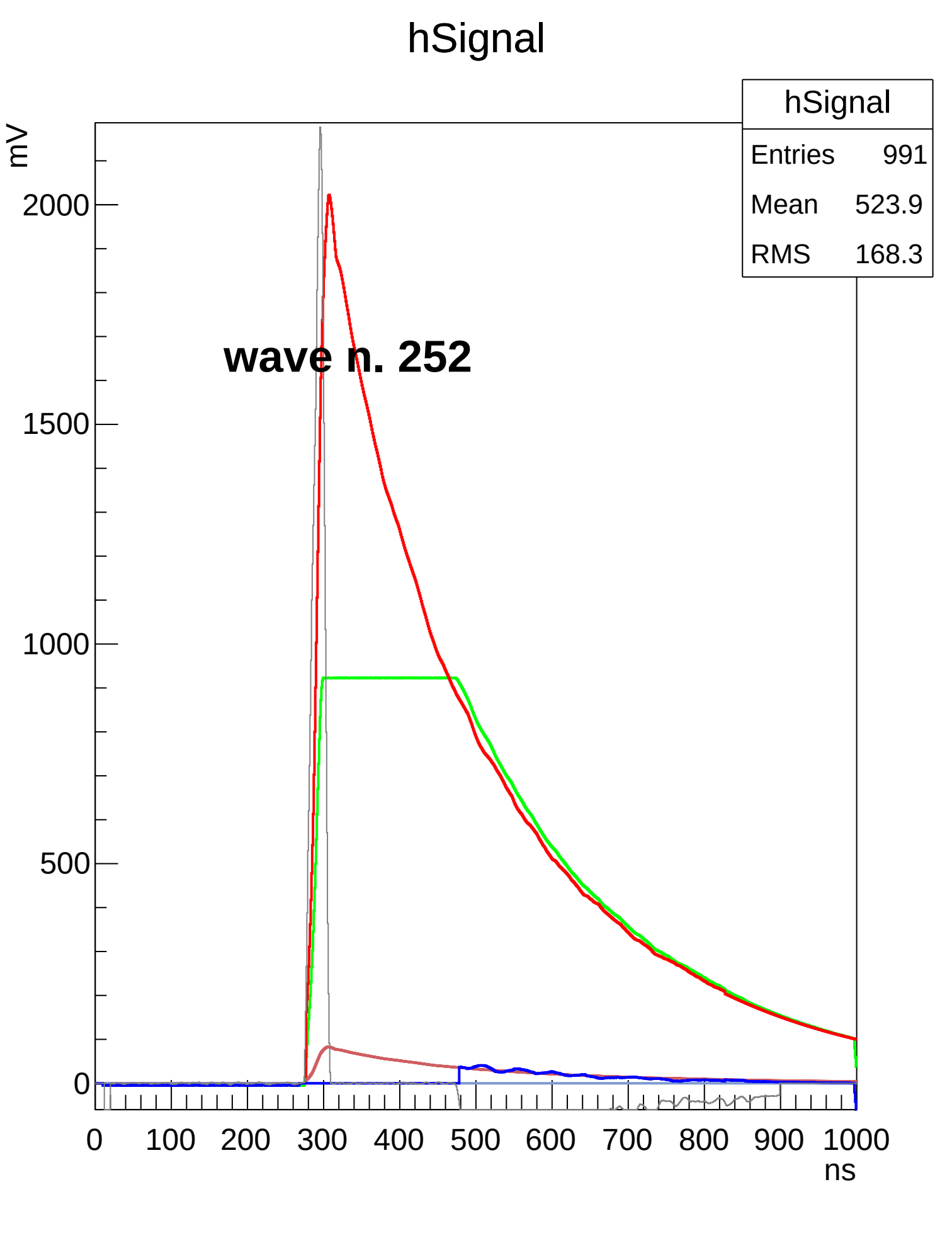
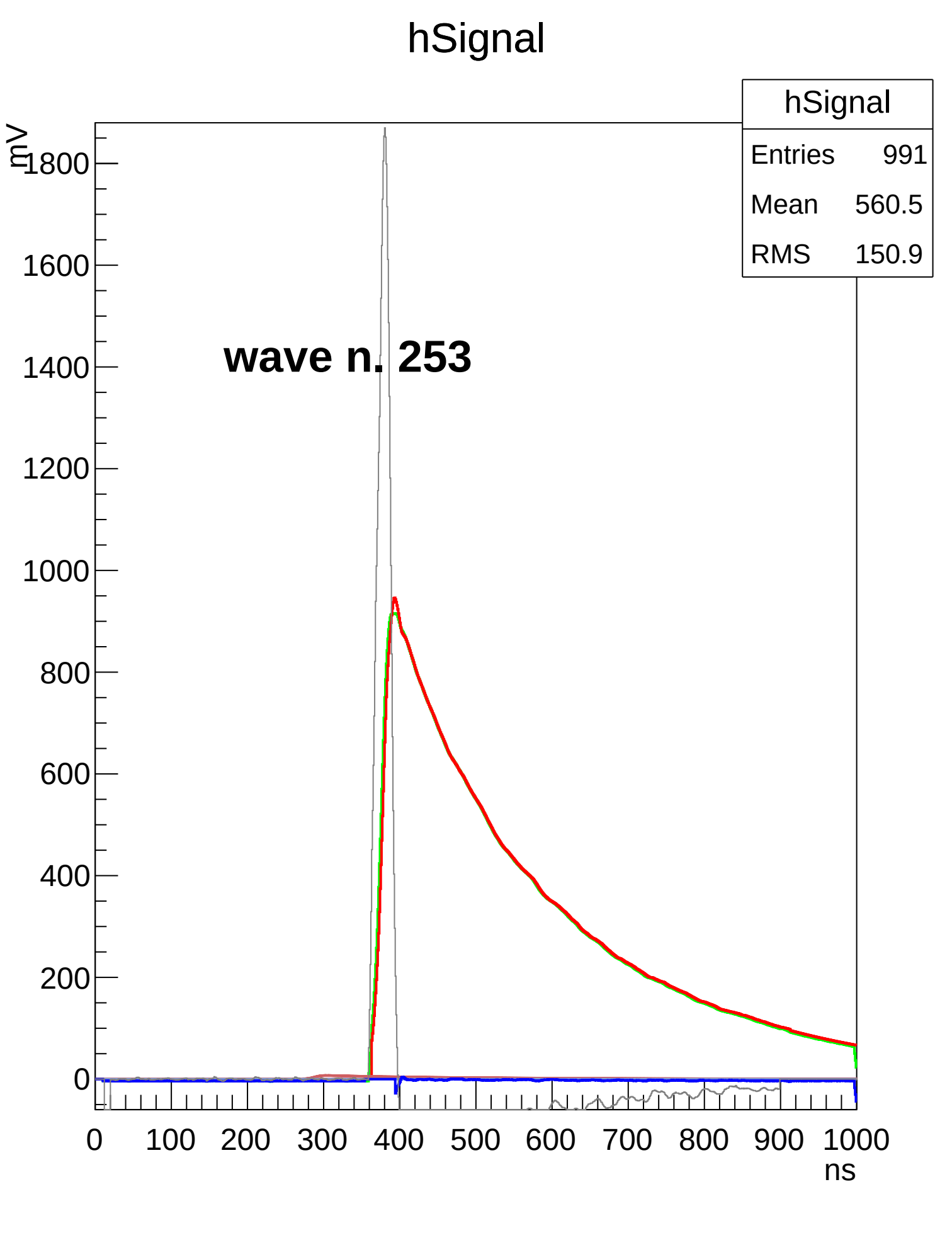
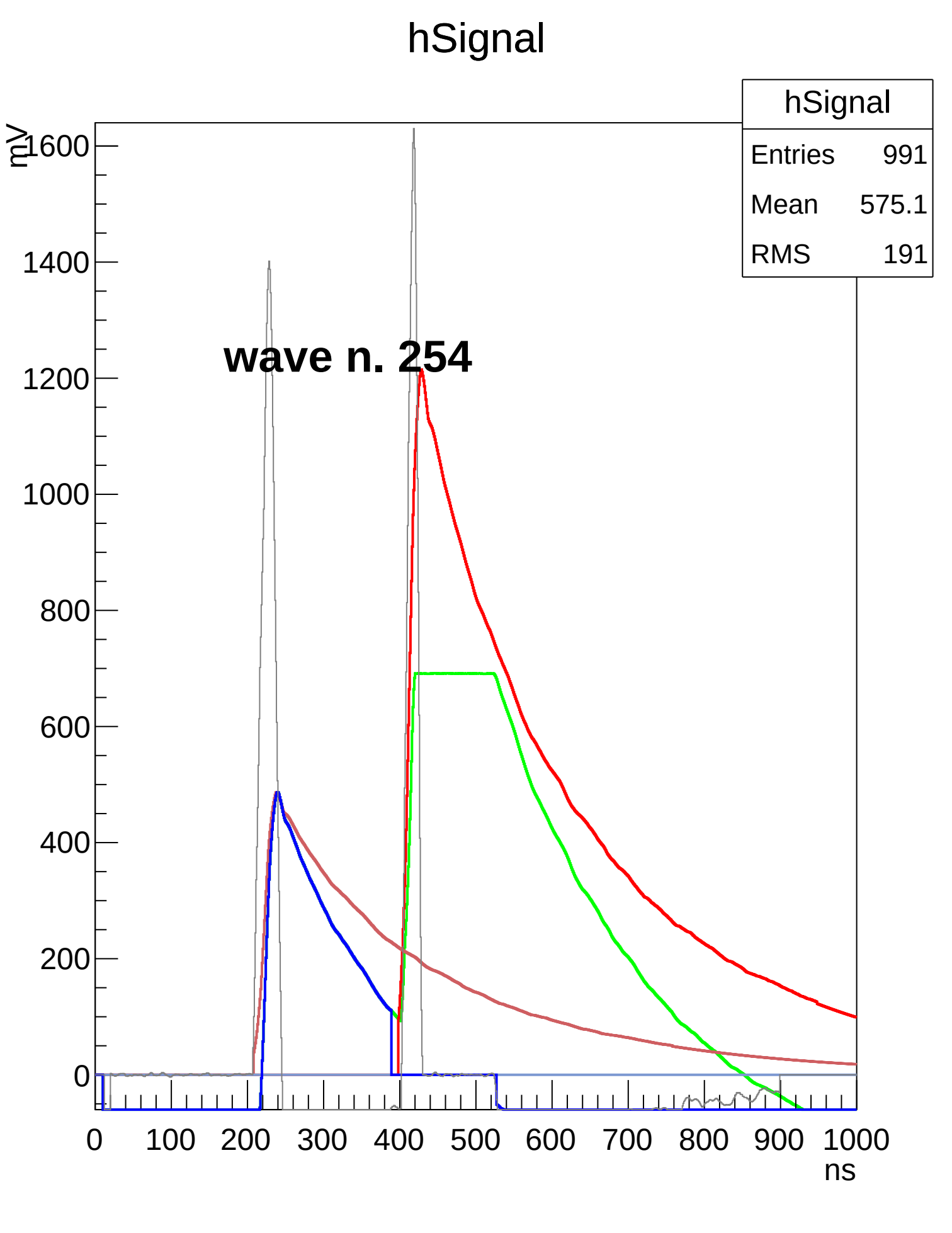
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 546.5
RMS 202.1
wave n. 250
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586.5
RMS 145.3
wave n. 251
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 523.9
RMS 168.3
wave n. 252
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.5
RMS 150.9
wave n. 253
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 575.1
RMS 191
wave n. 254
mV
1600
1400
1200
1000
800
600
400
200
0
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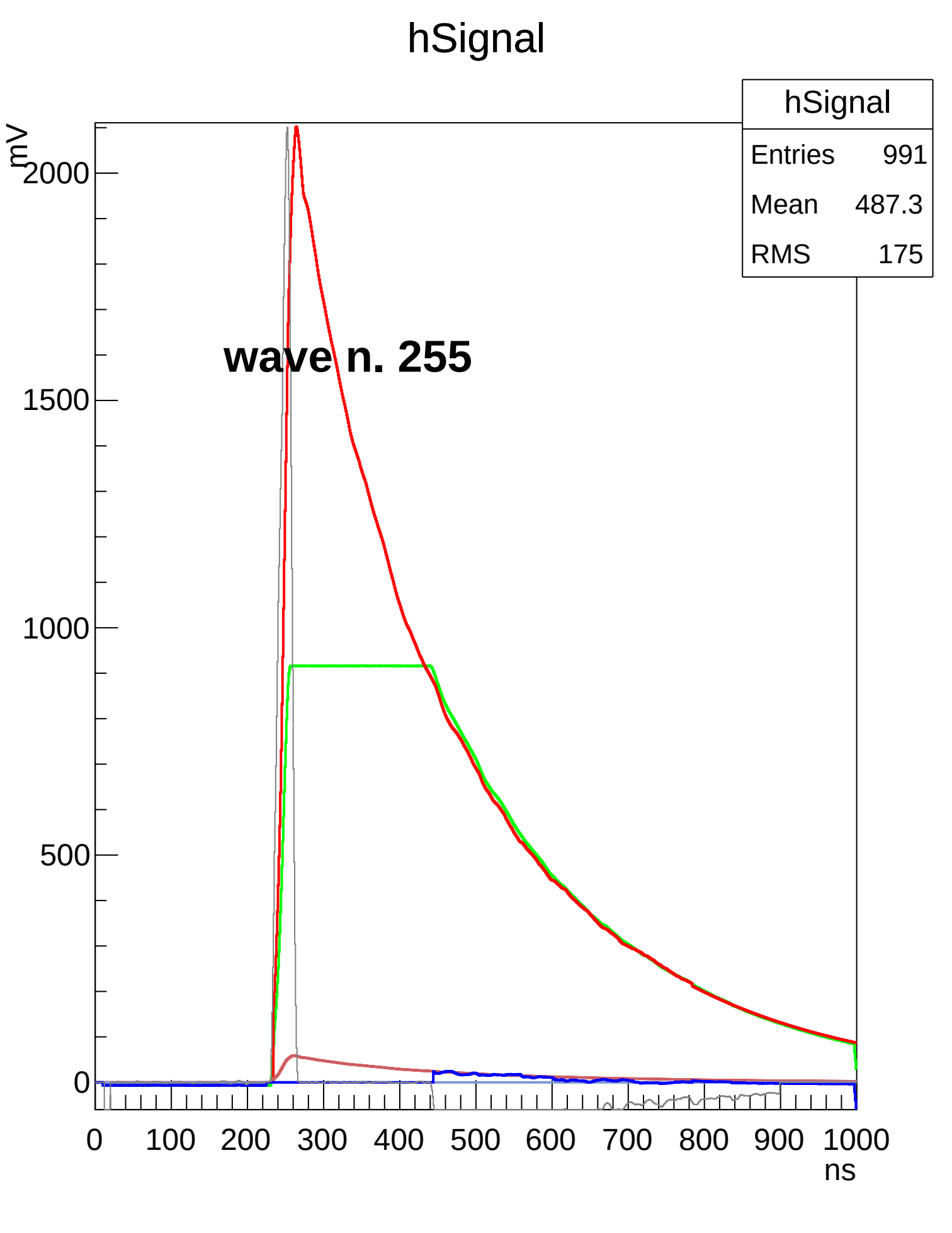
ns


hSignal
hSignal
Entries 991
Mean 487.3
RMS 175
wave n. 255
mV
2000
1500
1000
500
0
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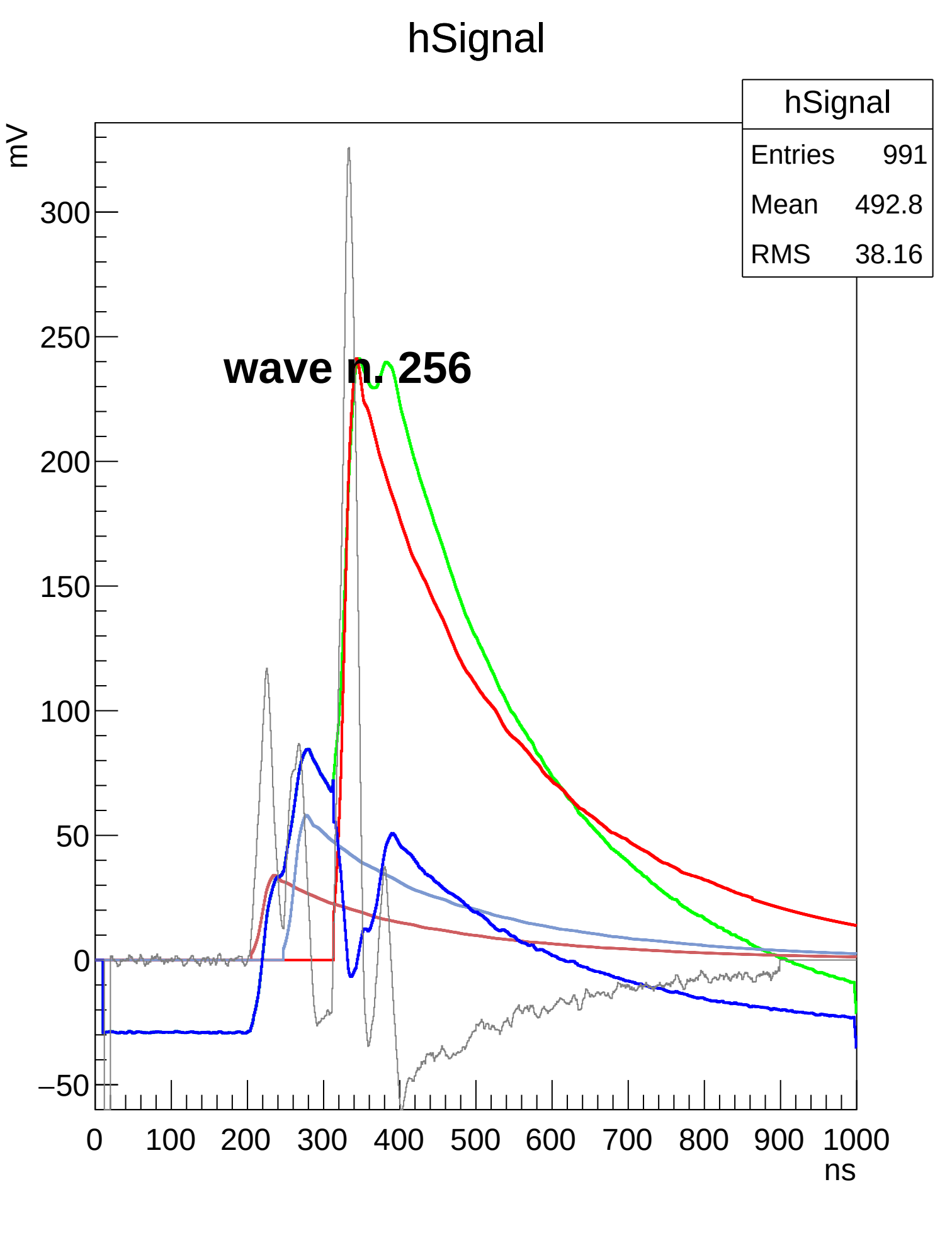
ns


hSignal
hSignal
Entries 991
Mean 492.8
RMS 38.16
wave n. 256
mV
300
250
200
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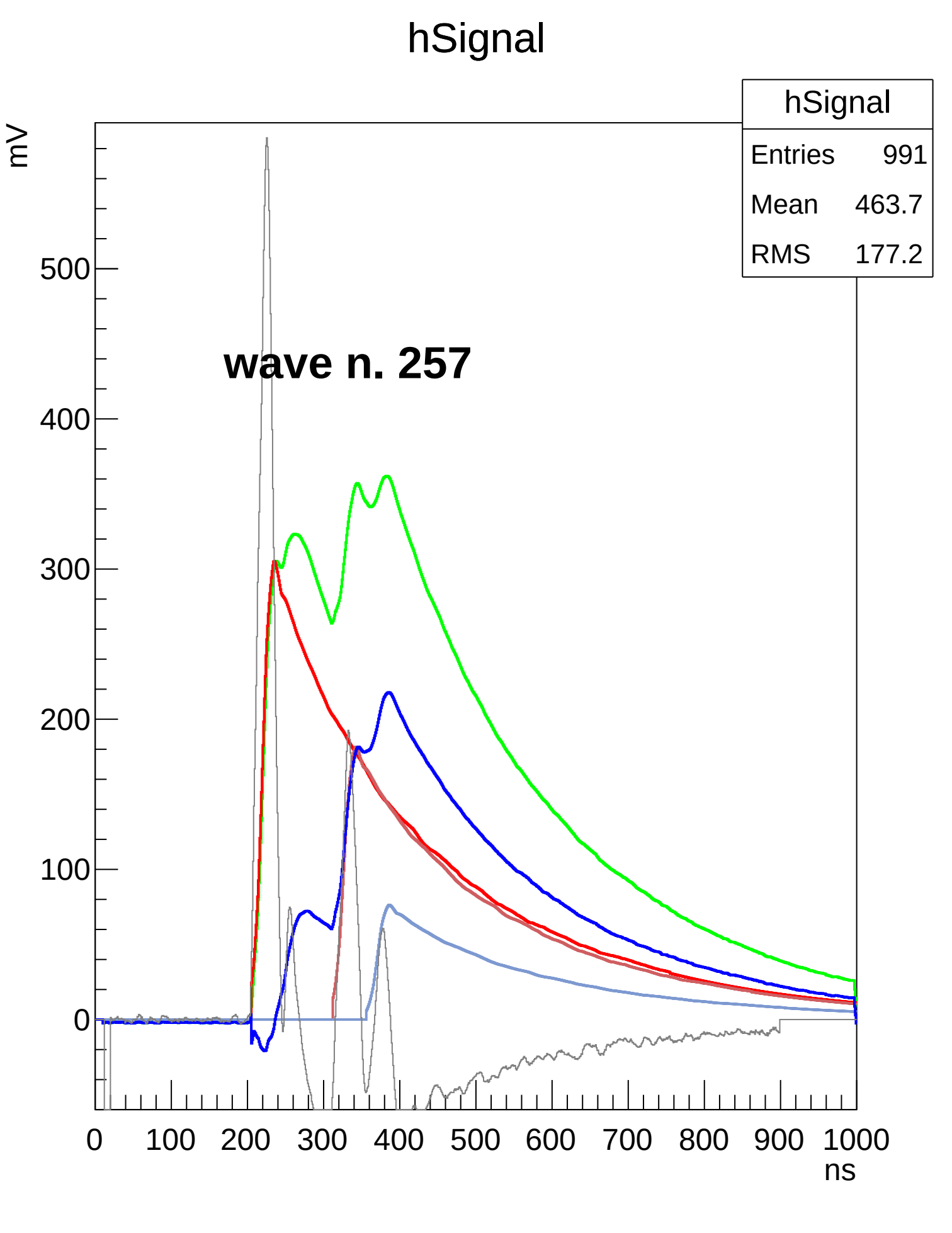
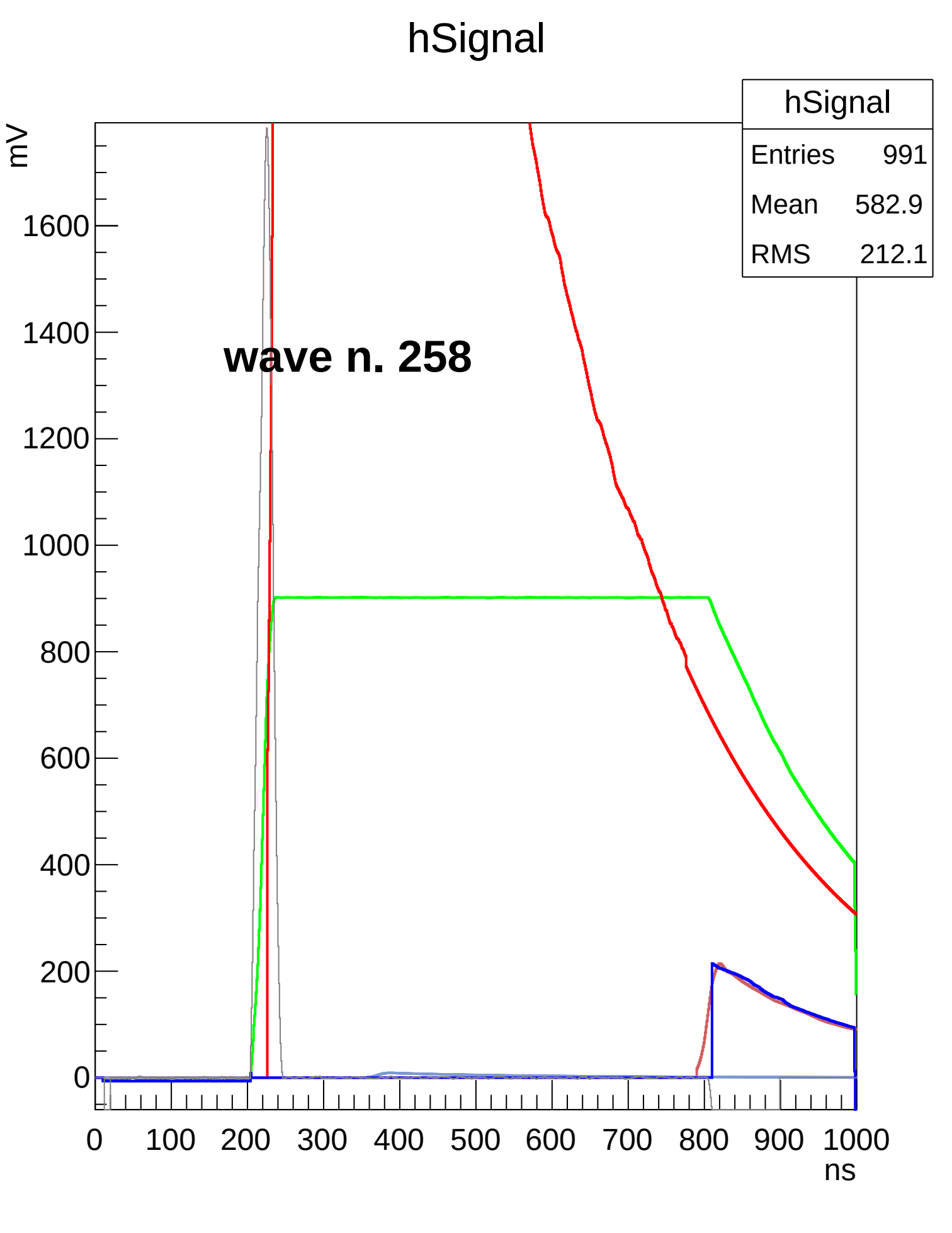
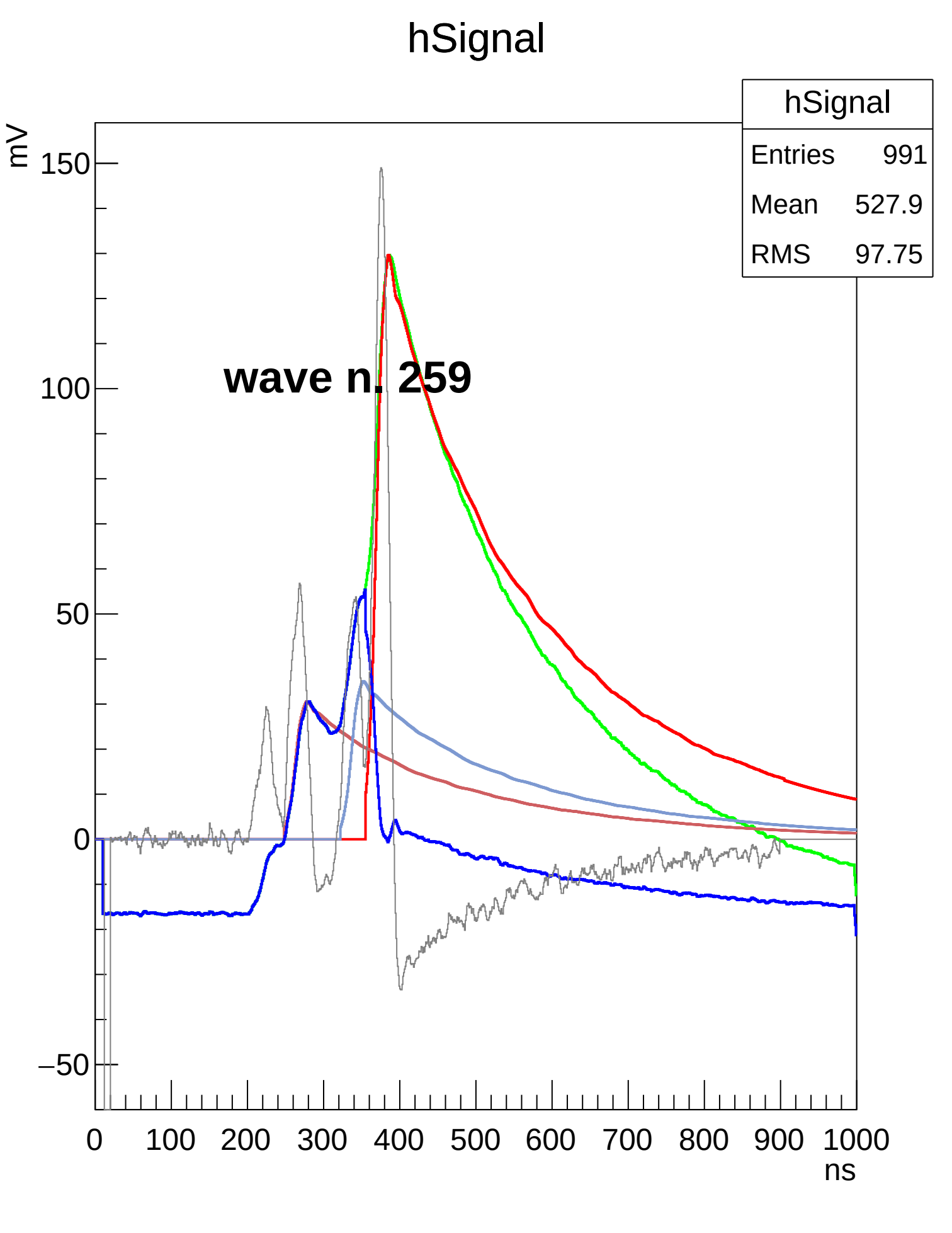
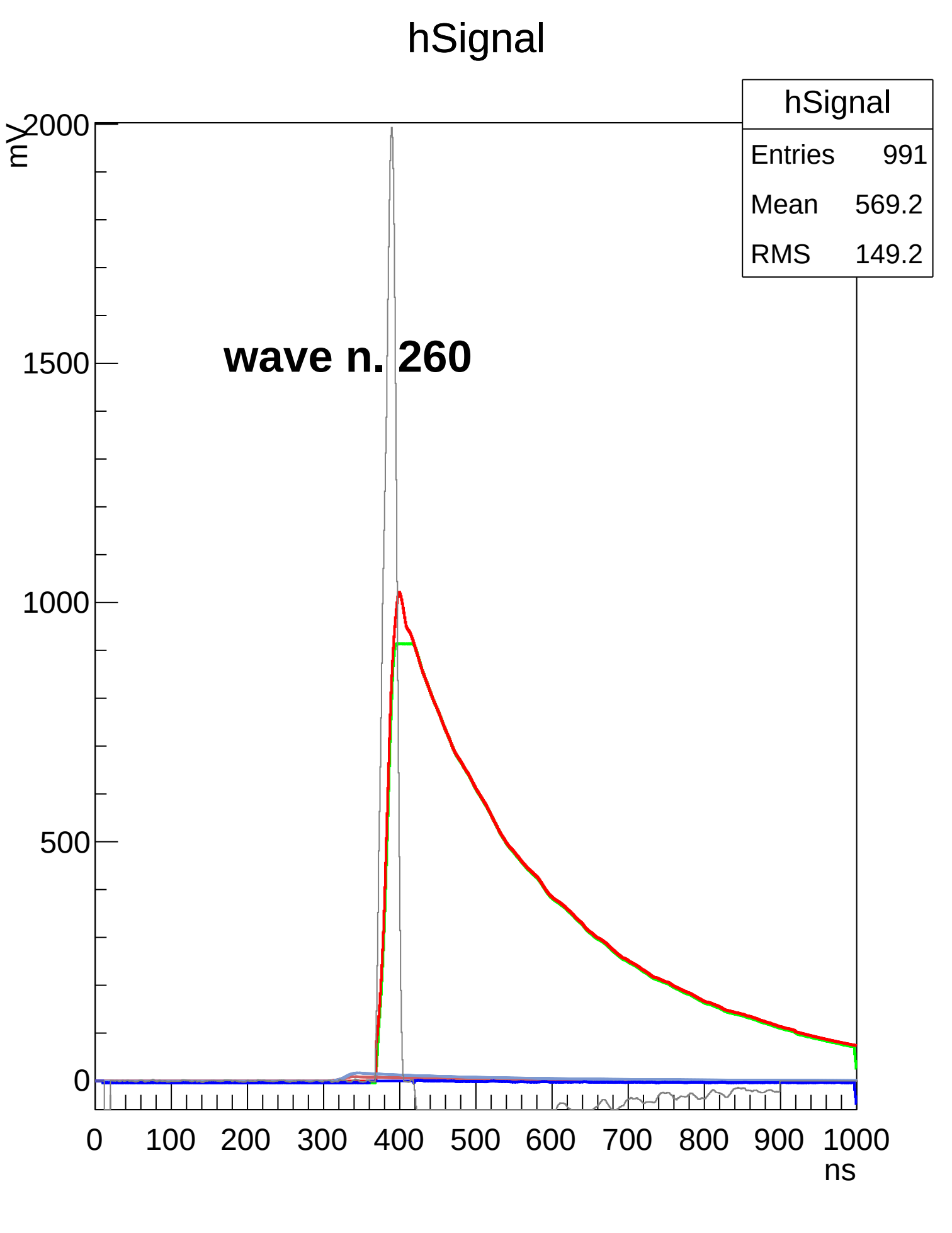
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 463.7
RMS 177.2
wave n. 257
mV
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 582.9
RMS 212.1
wave n. 258
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 527.9
RMS 97.75
wave n. 259
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 569.2
RMS 149.2
wave n. 260
mV
2000
1500
1000
500
0
0
100
200
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400
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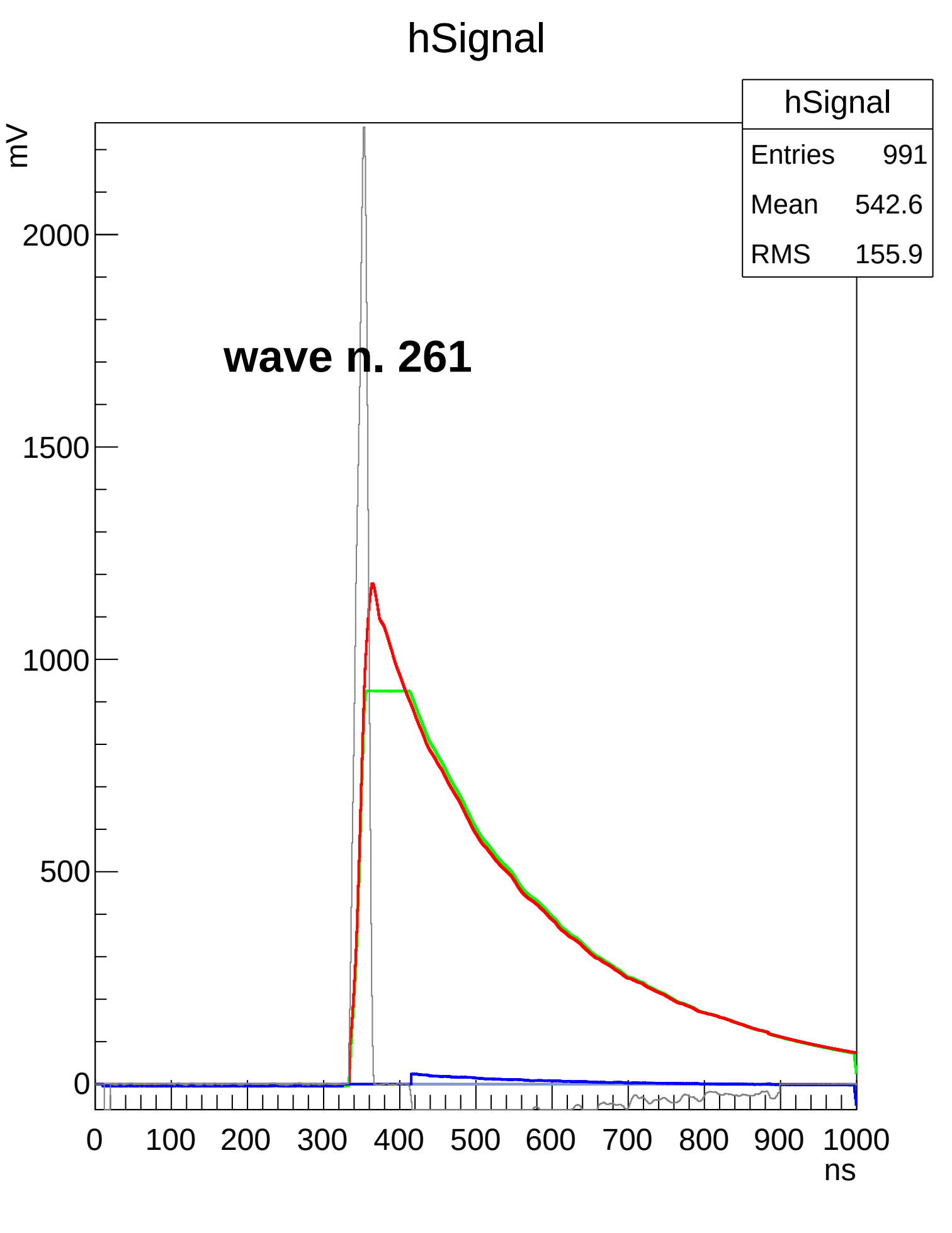
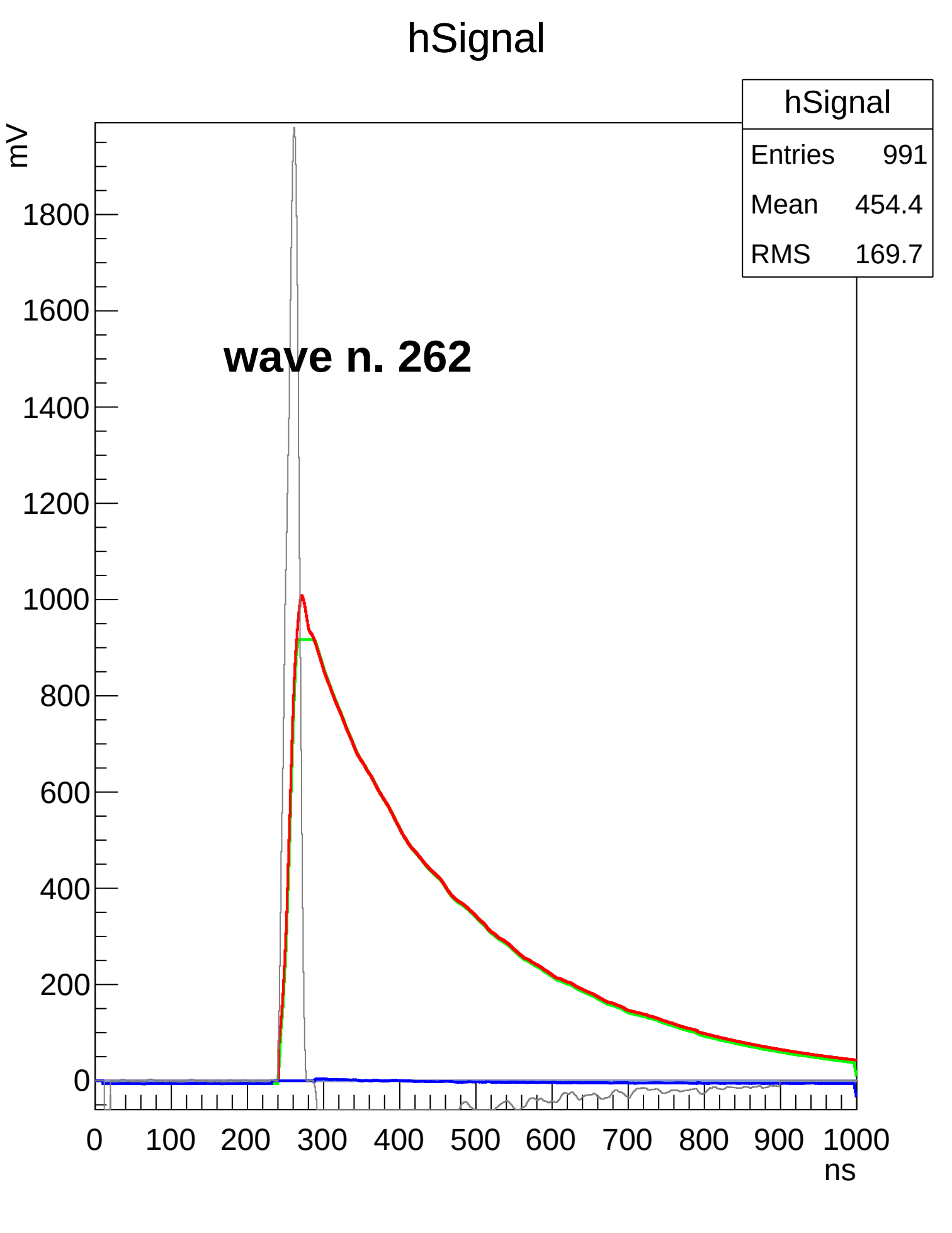
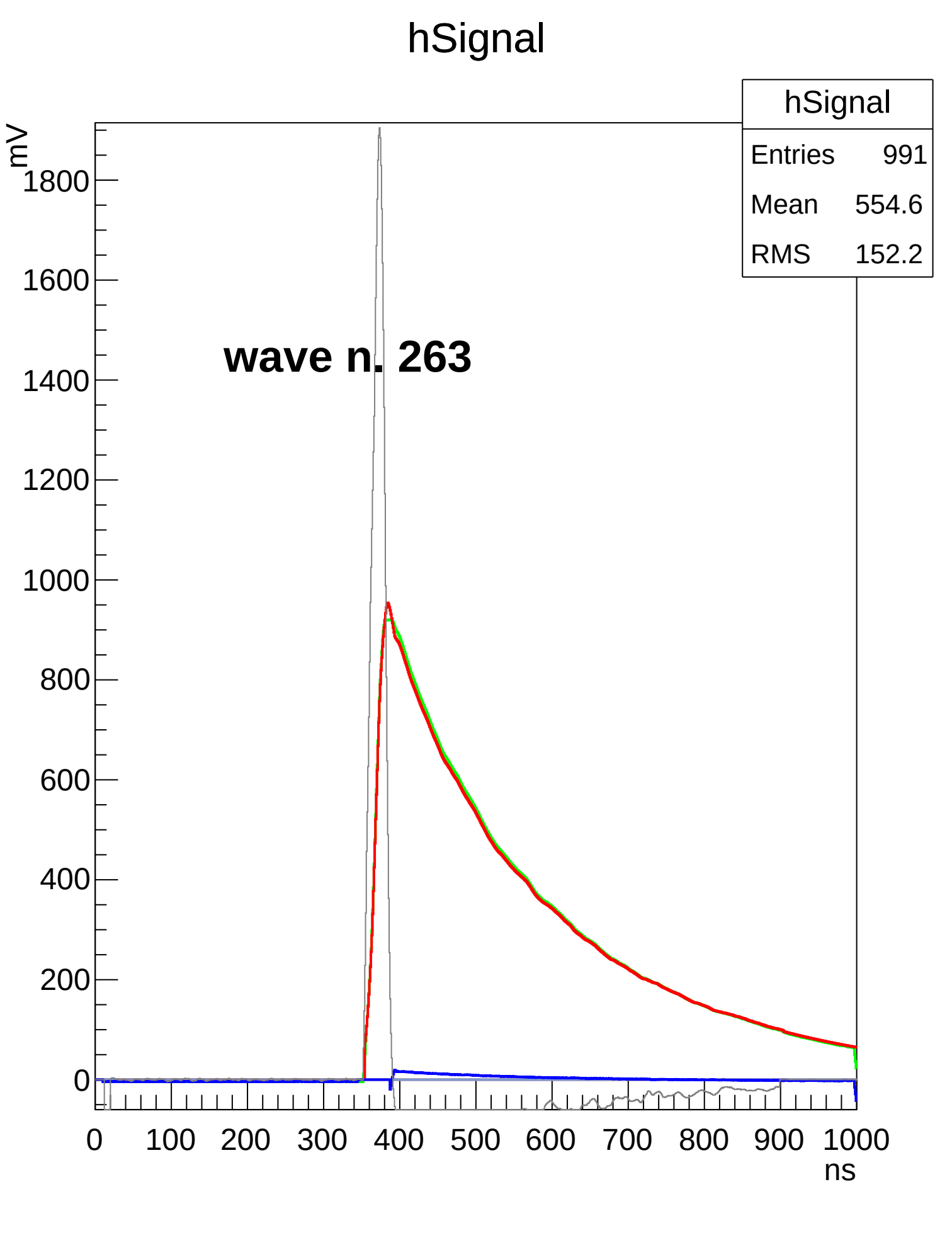
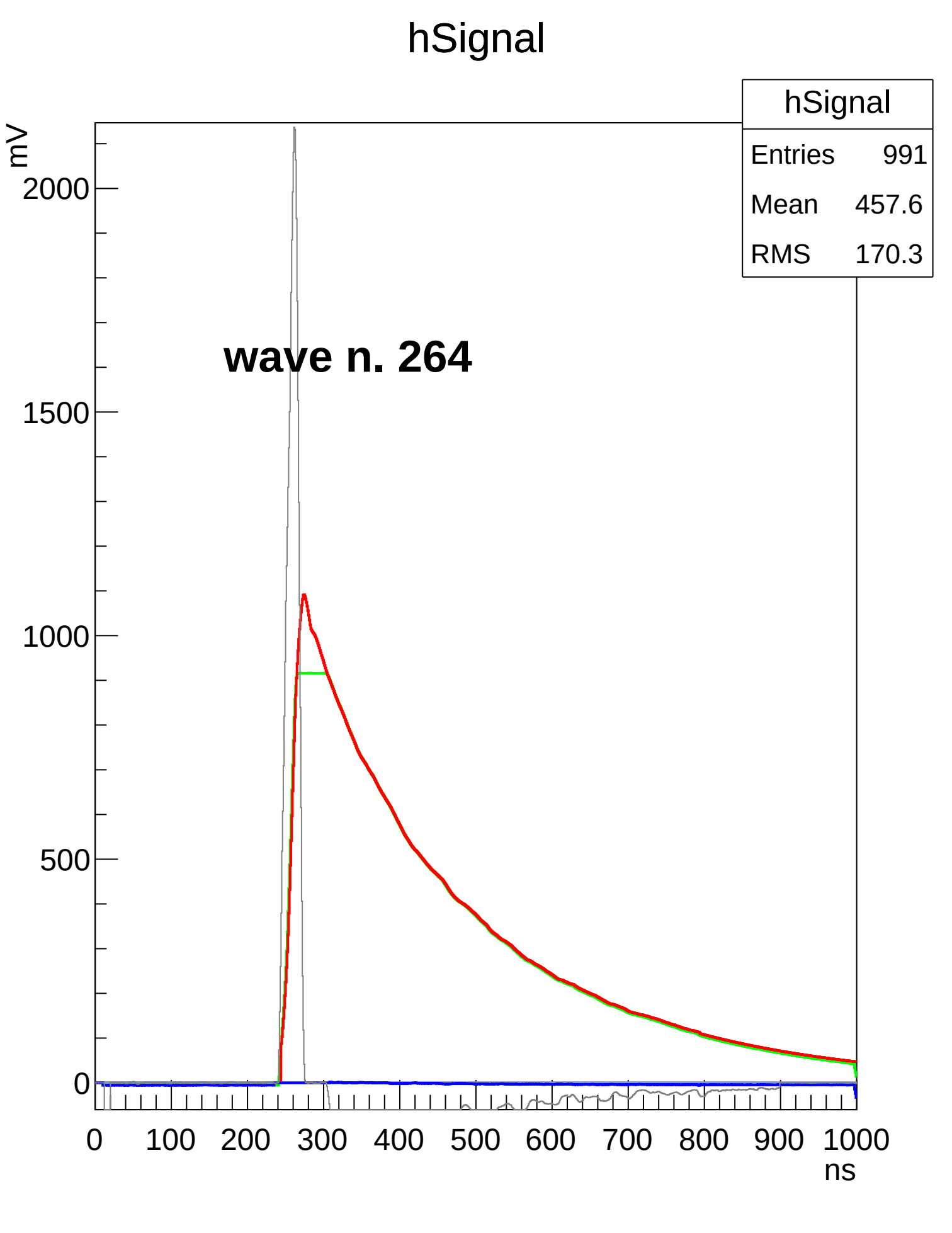
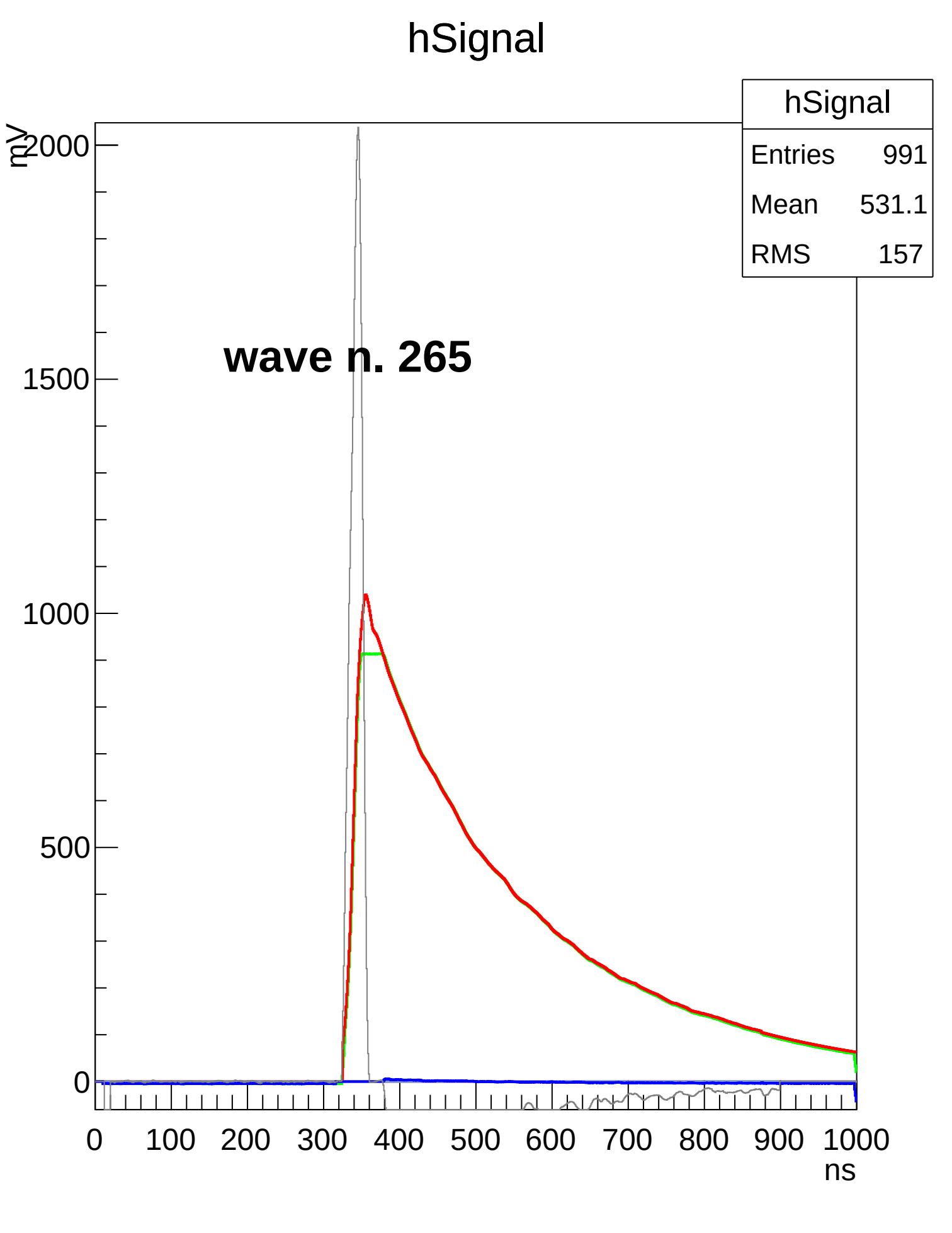
700
800
900
1000
ns

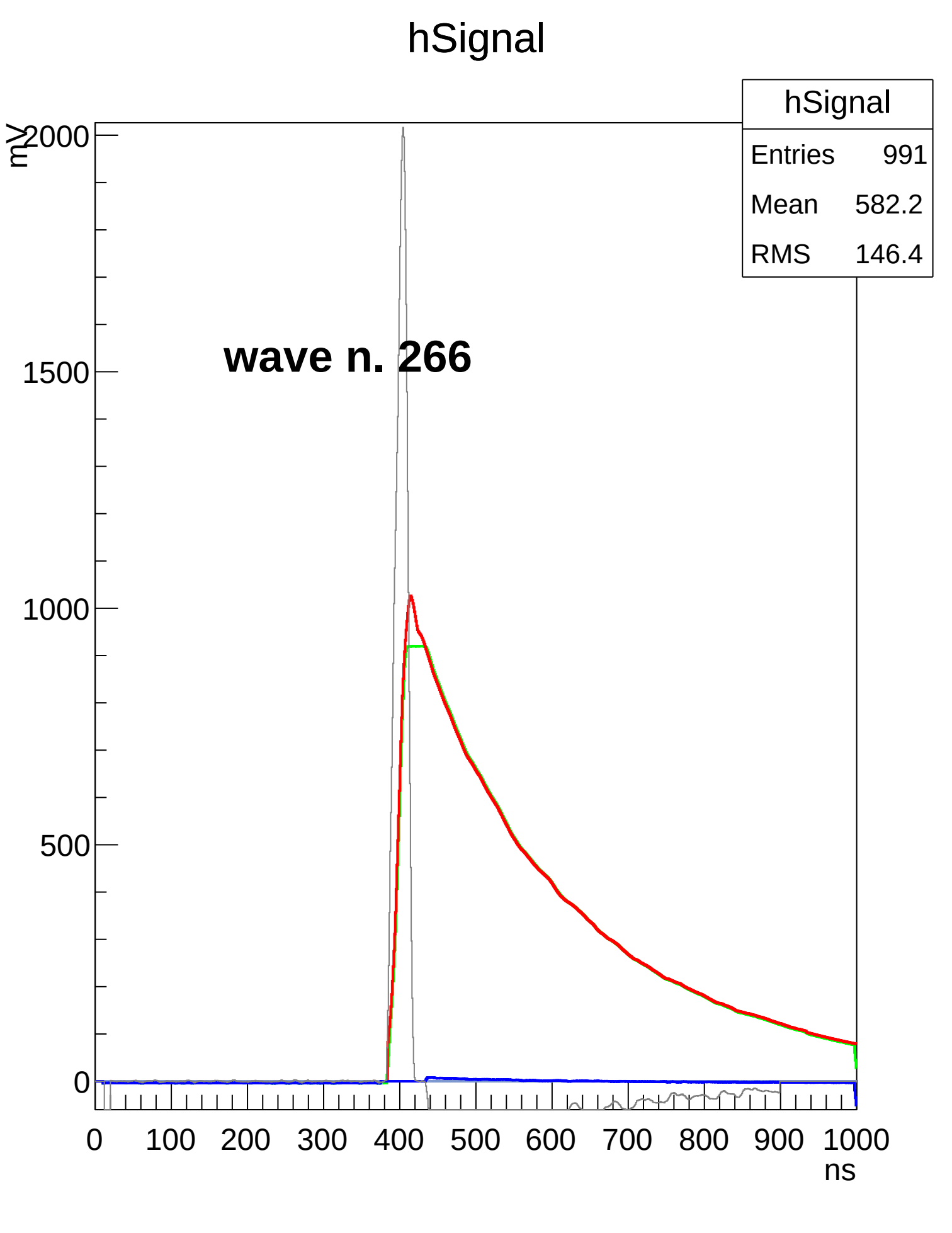

hSignal
hSignal
Entries 991
Mean 542.6
RMS 155.9
wave n. 261
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

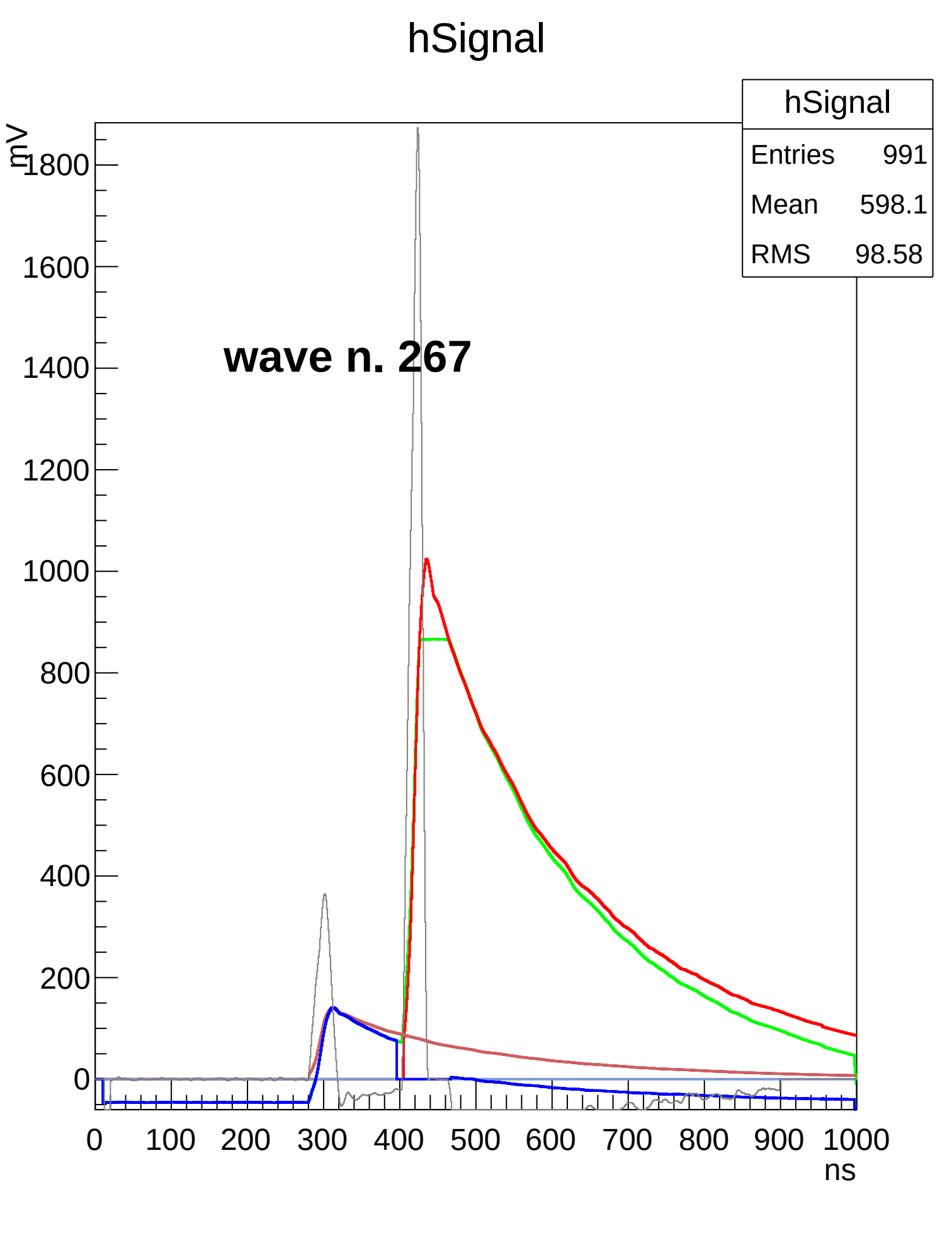

hSignal
hSignal
Entries 991
Mean 454.4
RMS 169.7
wave n. 262
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

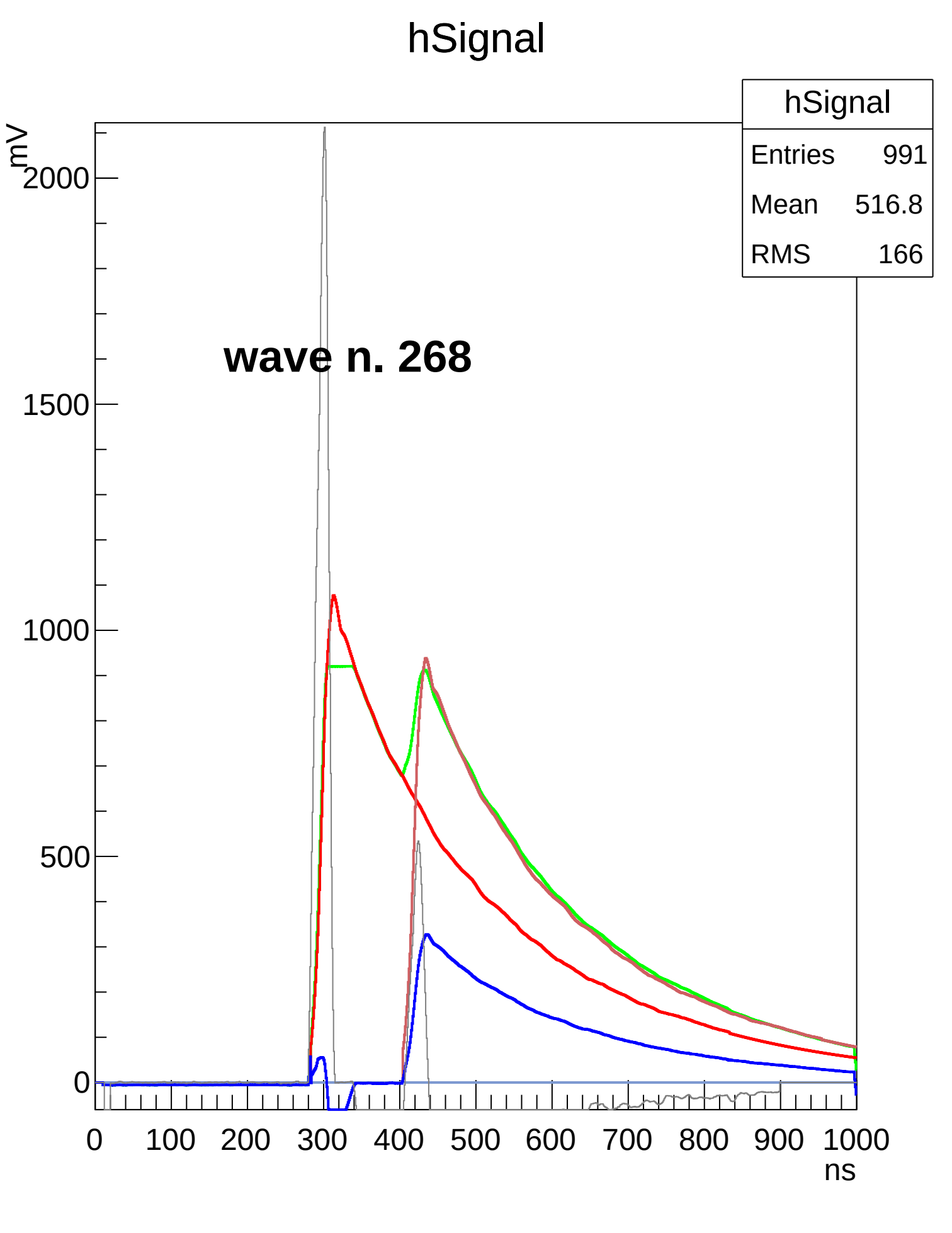

hSignal
hSignal
Entries 991
Mean 554.6
RMS 152.2
wave n. 263
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

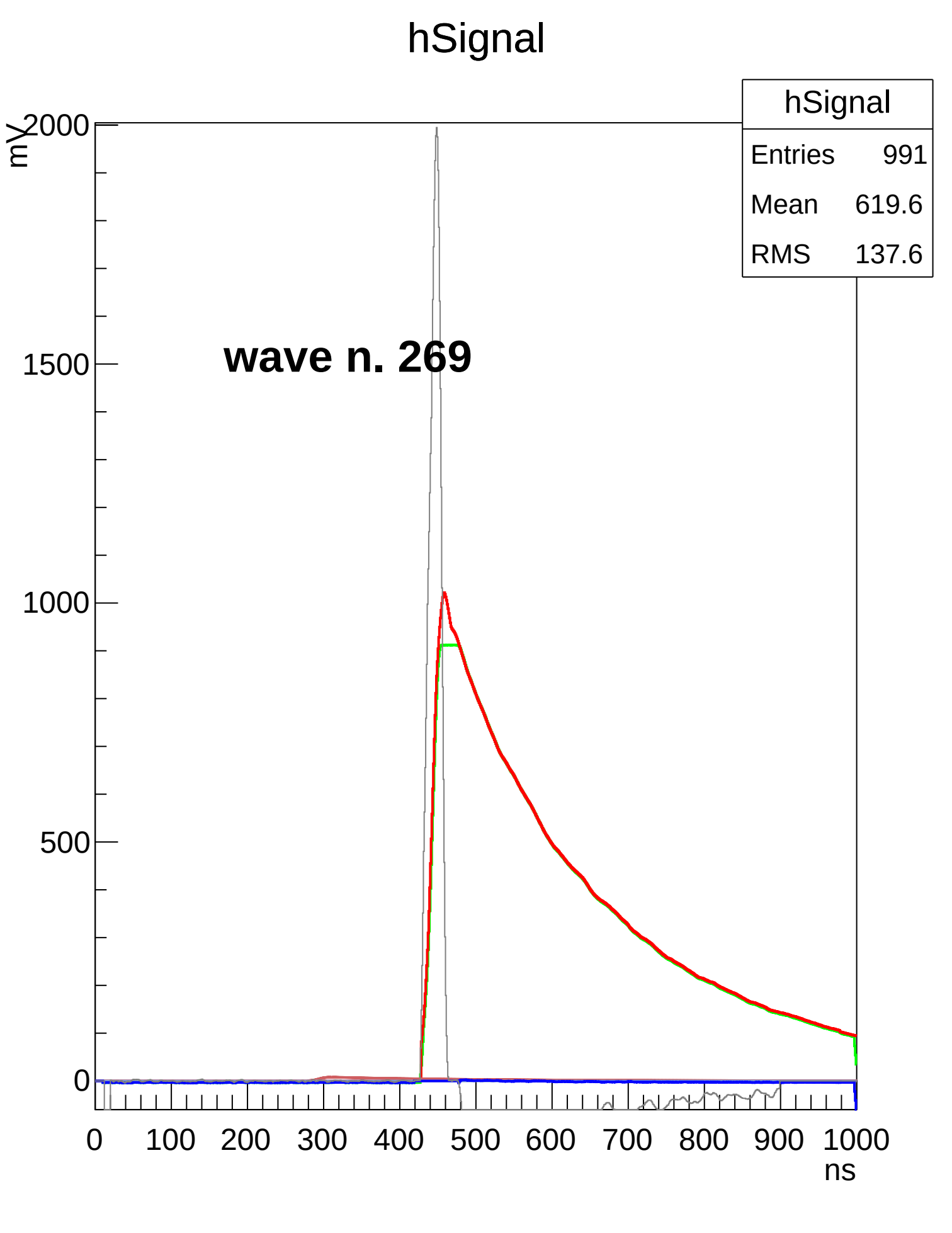

hSignal
hSignal
Entries 991
Mean 457.6
RMS 170.3
wave n. 264
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 531.1
RMS 157
wave n. 265
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 582.2
RMS 146.4
wave n. 266
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 598.1
RMS 98.58
wave n. 267
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 516.8
RMS 166
wave n. 268
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 619.6
RMS 137.6
wave n. 269
mV
2000
1500
1000
500
0
0
100
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400
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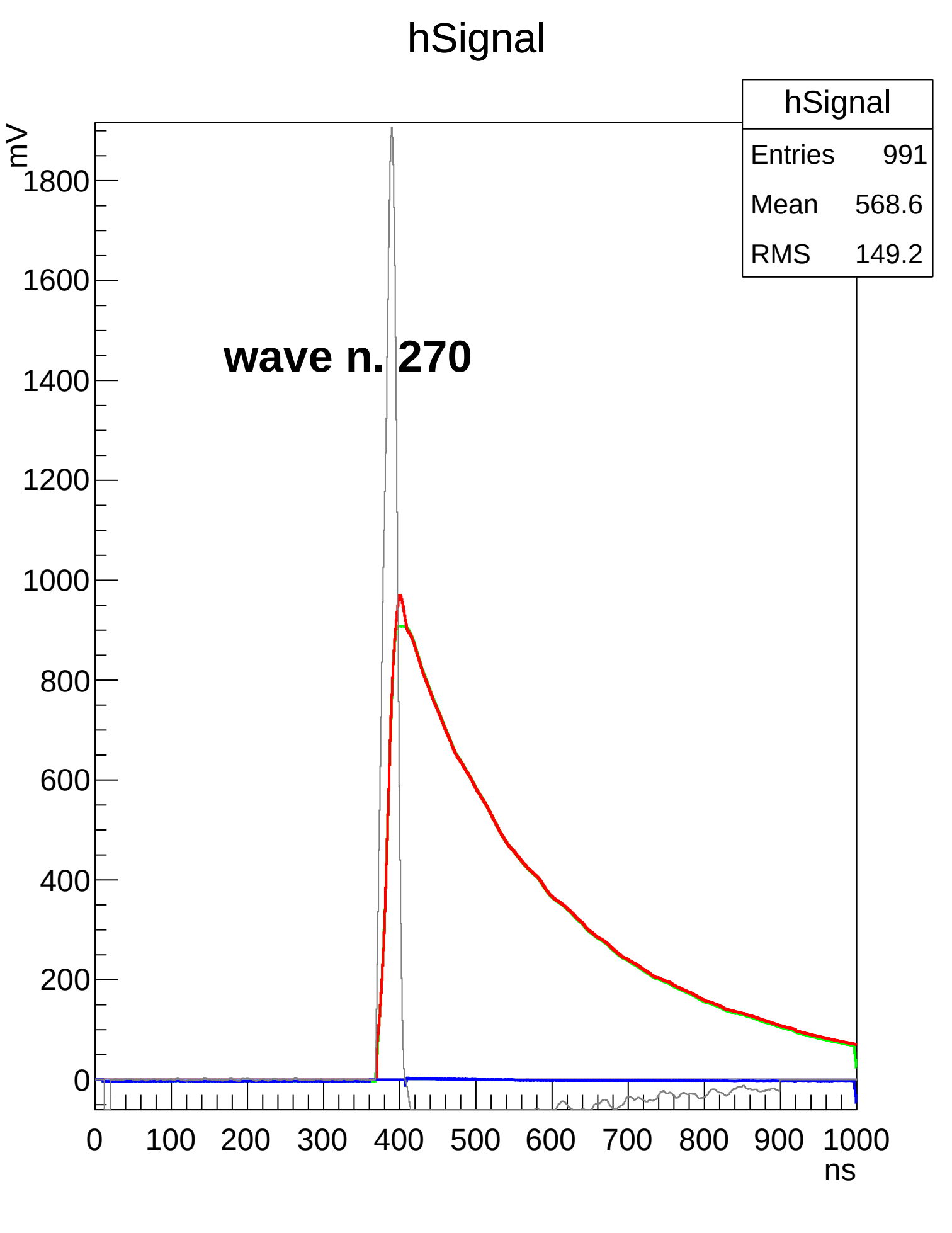
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 568.6
RMS 149.2
wave n. 270
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
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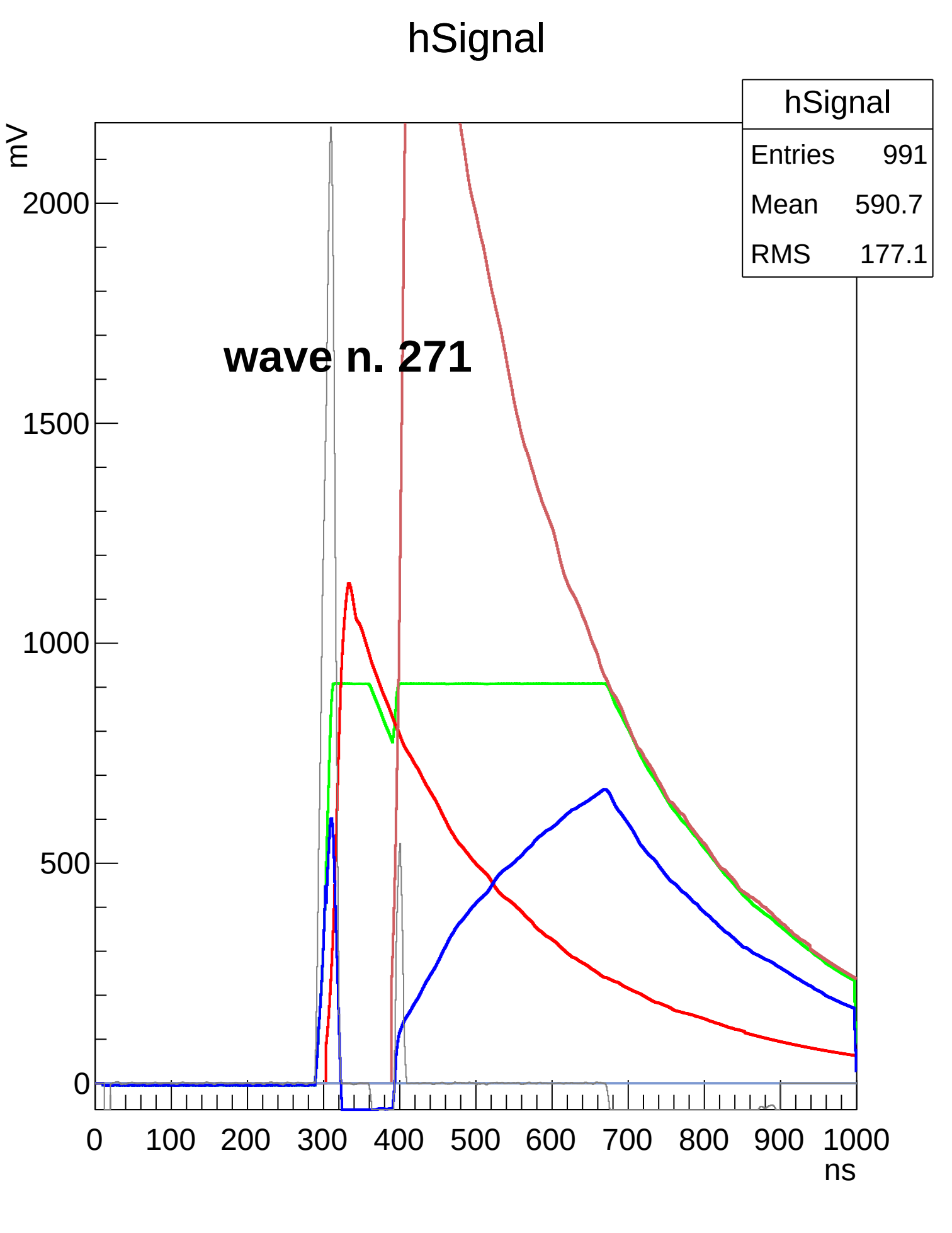
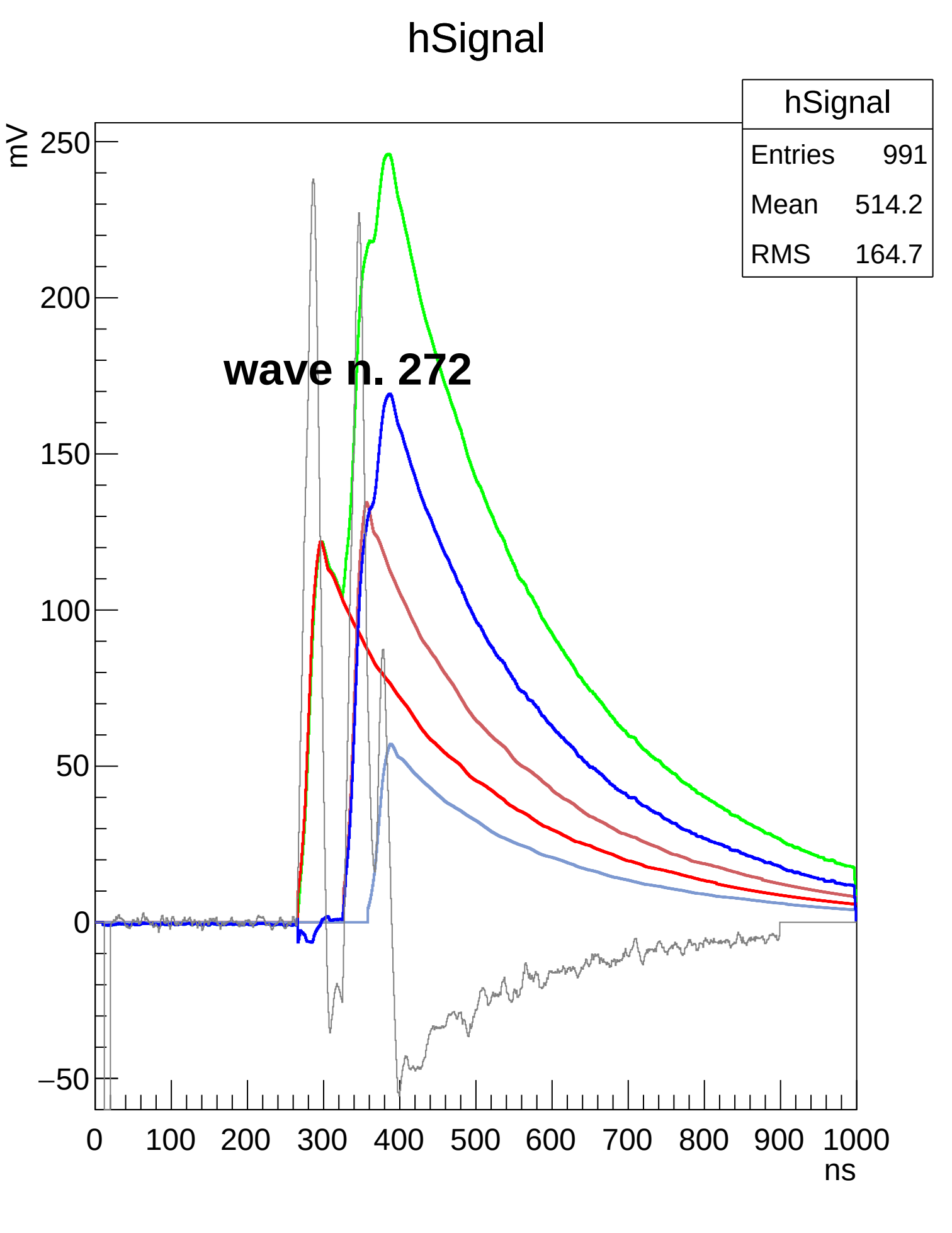
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 590.7
RMS 177.1
wave n. 271
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 514.2
RMS 164.7
wave n. 272
mV
250
200
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100
50
0
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0
100
200
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400
500
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800
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1000
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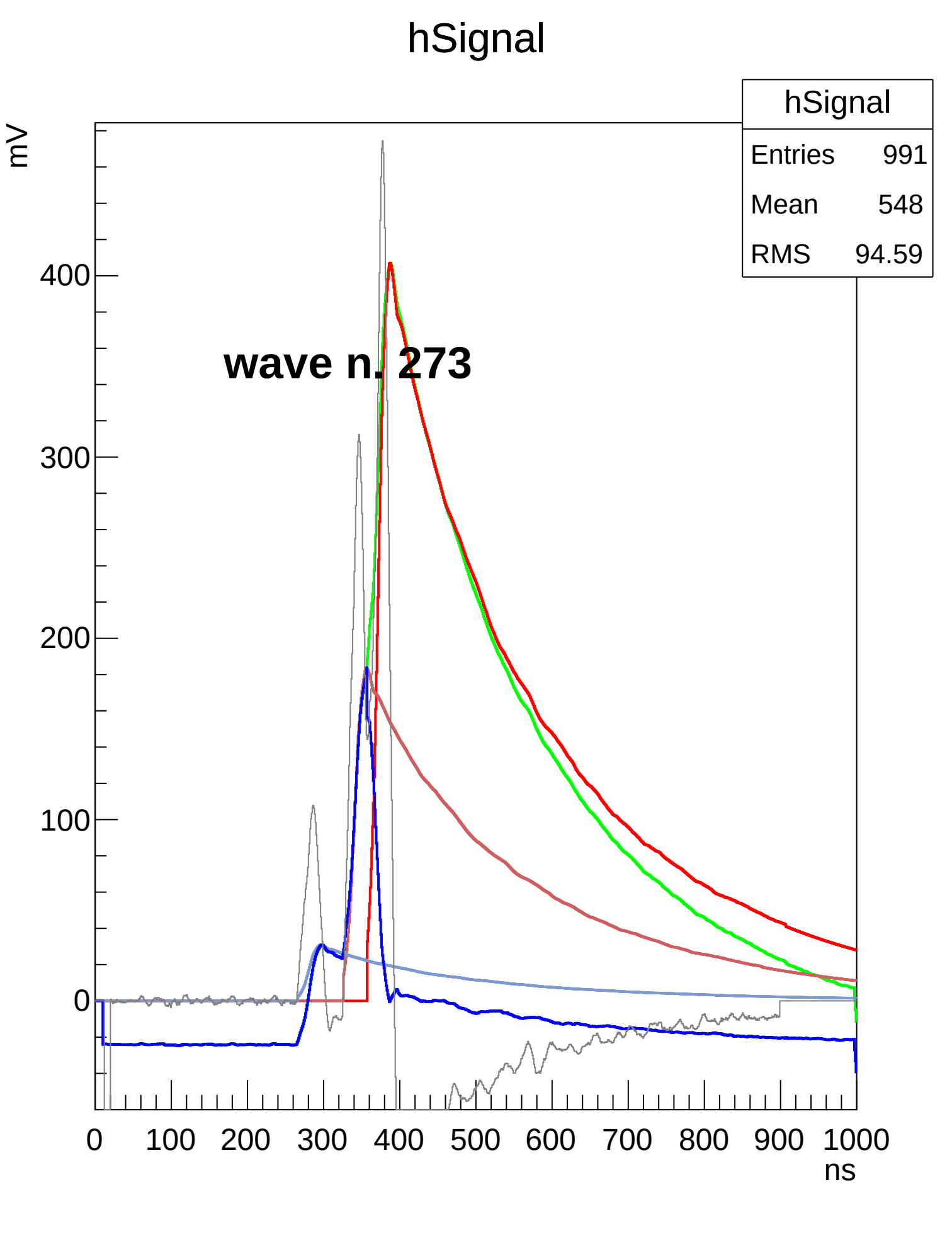
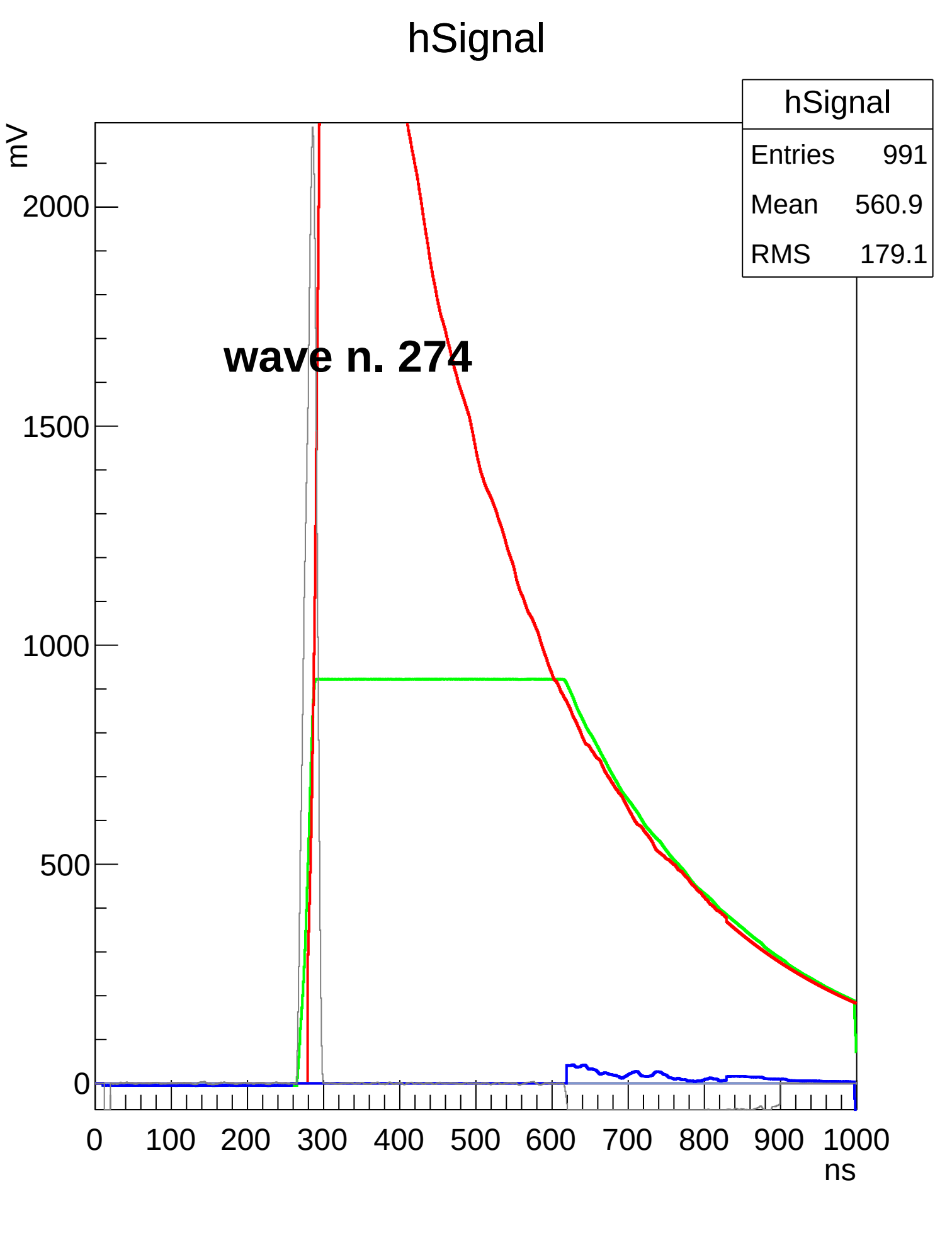

hSignal
hSignal
Entries 991
Mean 548
RMS 94.59
wave n. 273
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 560.9
RMS 179.1
wave n. 274
mV
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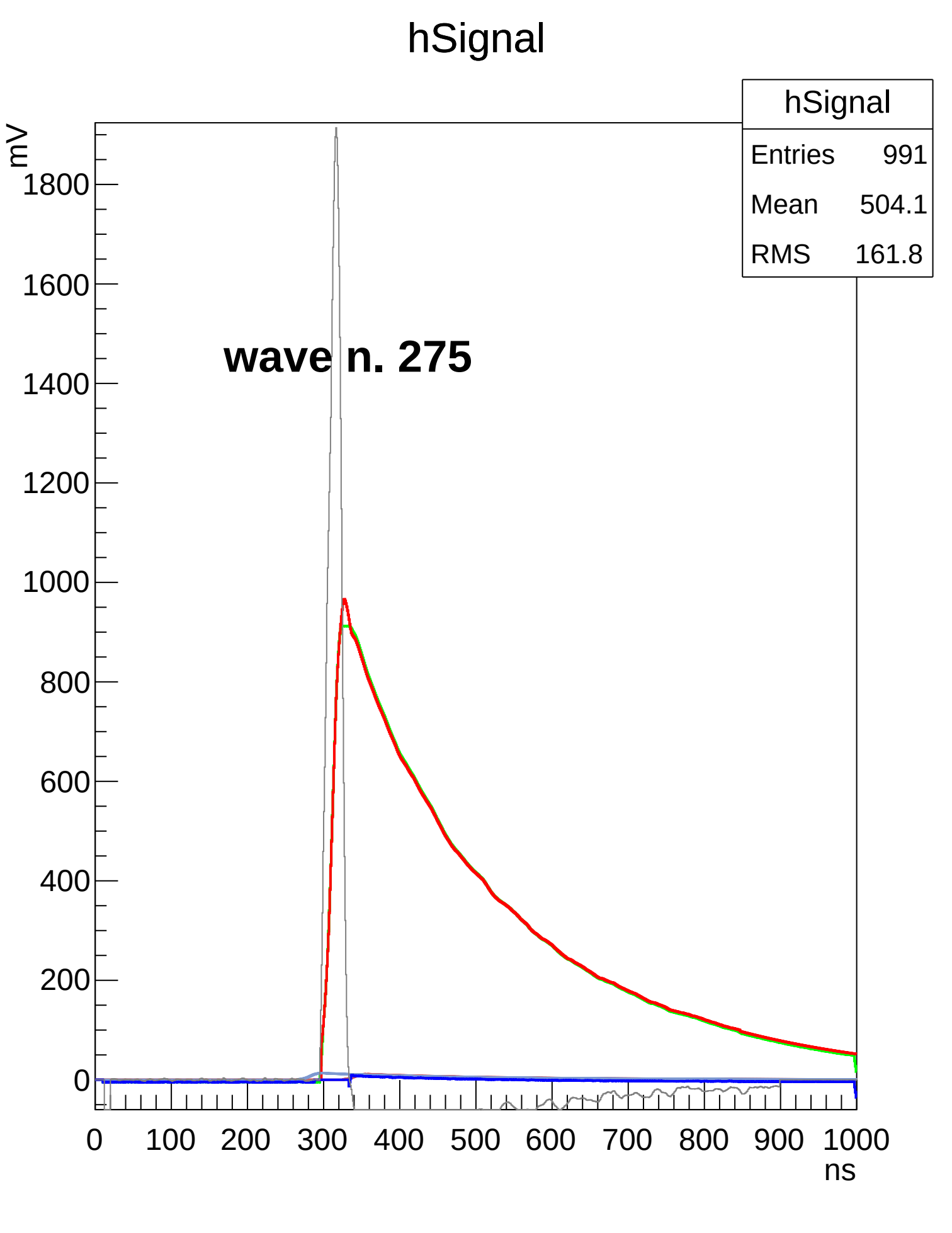
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.1
RMS 161.8
wave n. 275
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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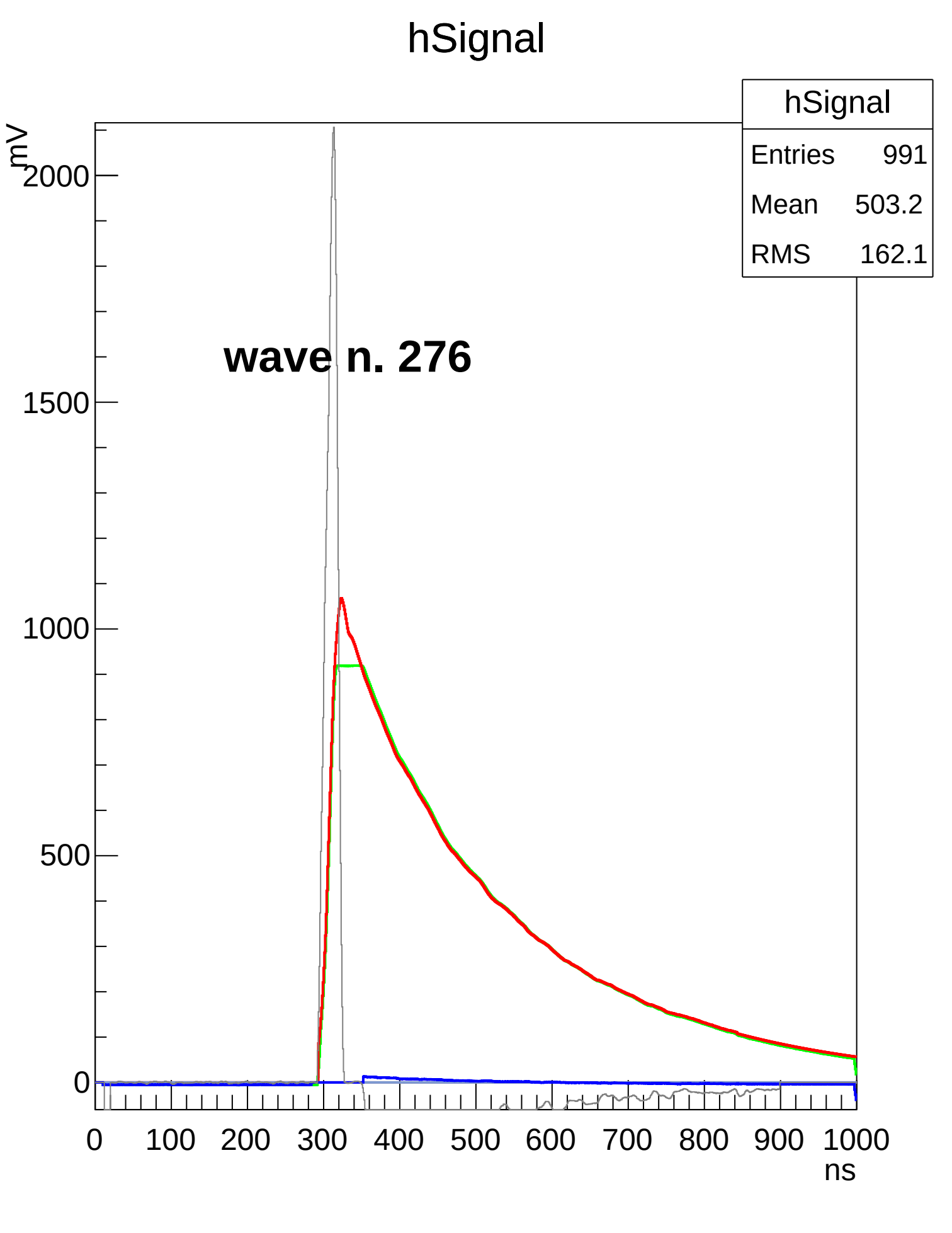
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.2
RMS 162.1
wave n. 276
mV
2000
1500
1000
500
0
0
100
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400
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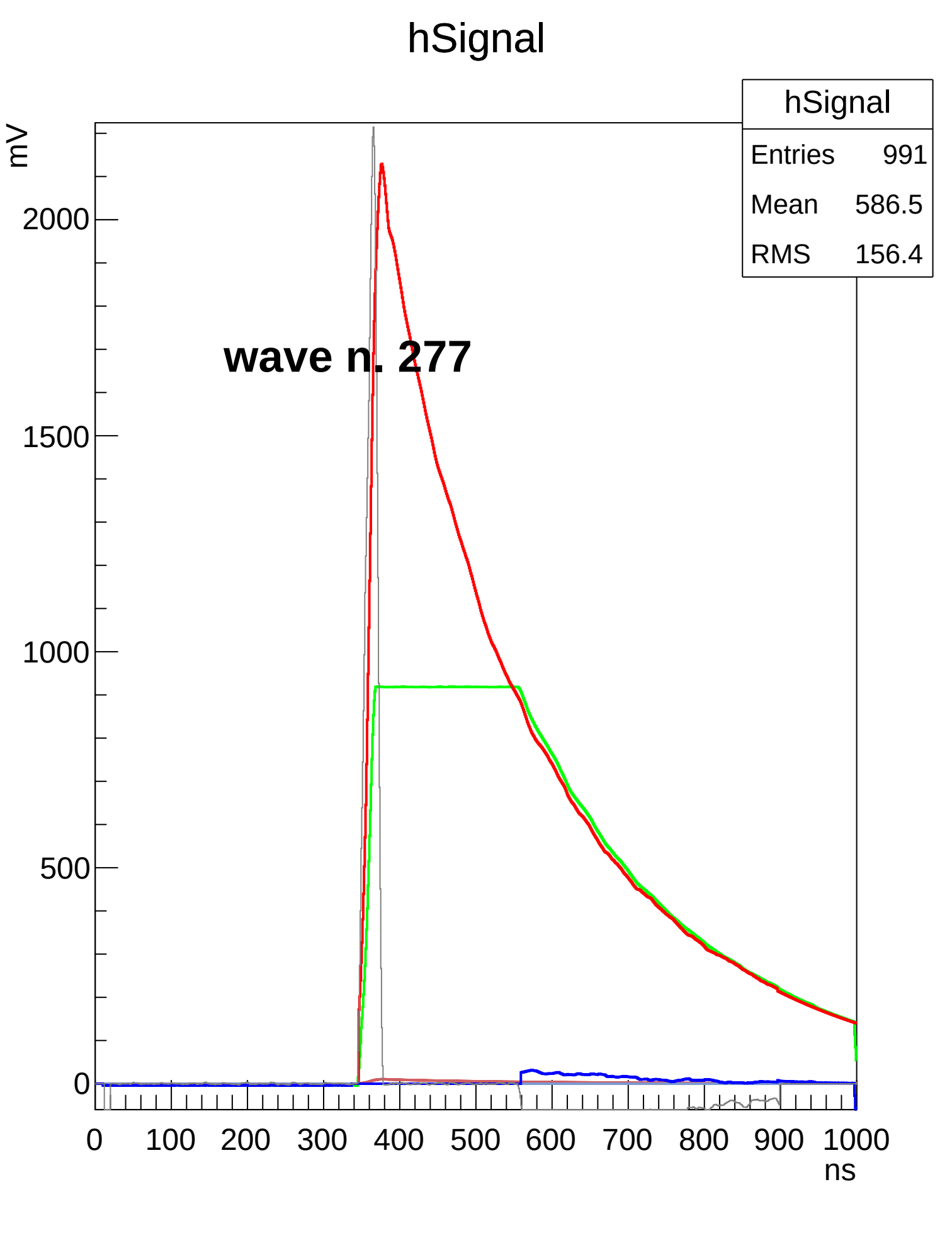
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586.5
RMS 156.4
wave n. 277
mV
2000
1500
1000
500
0
0
100
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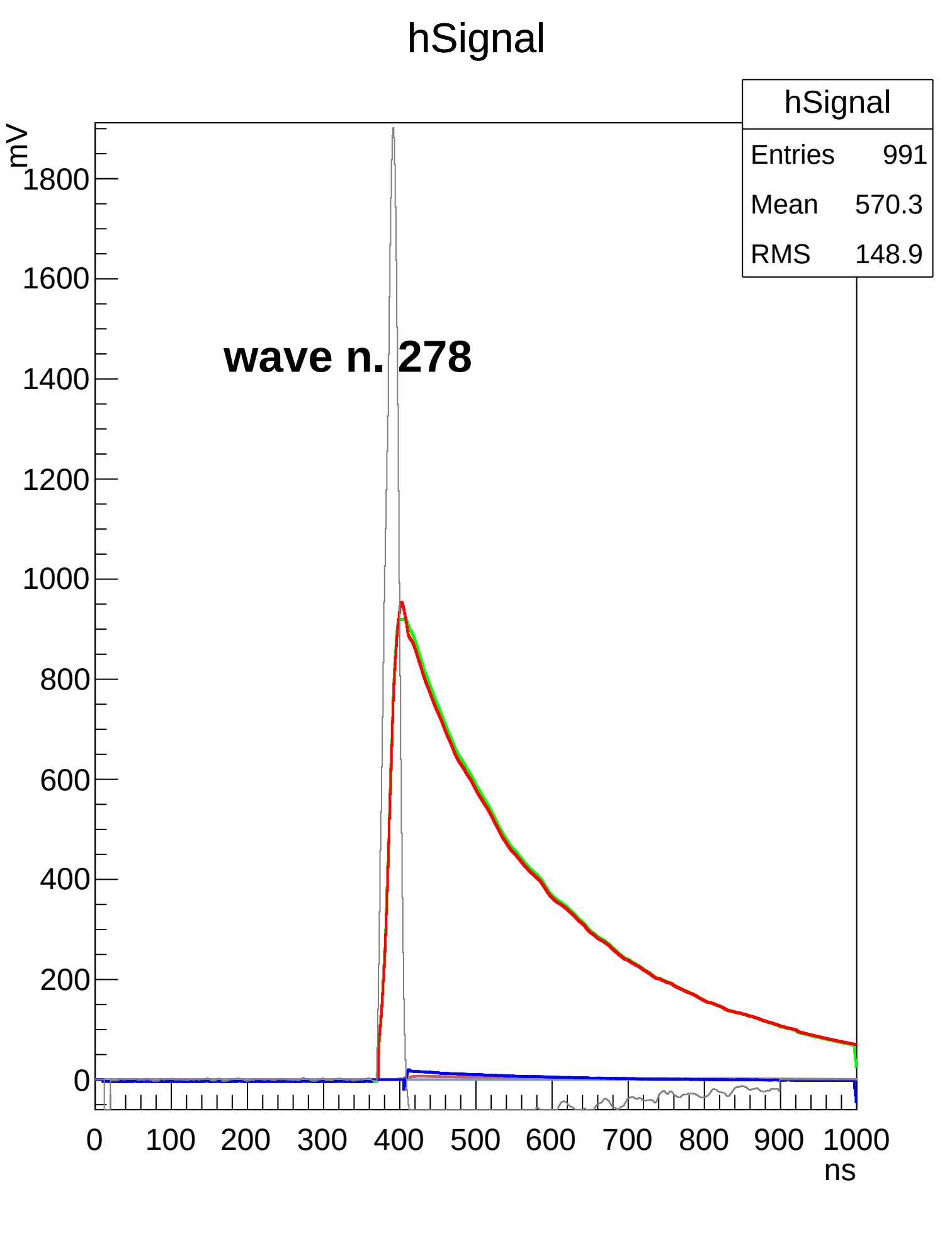
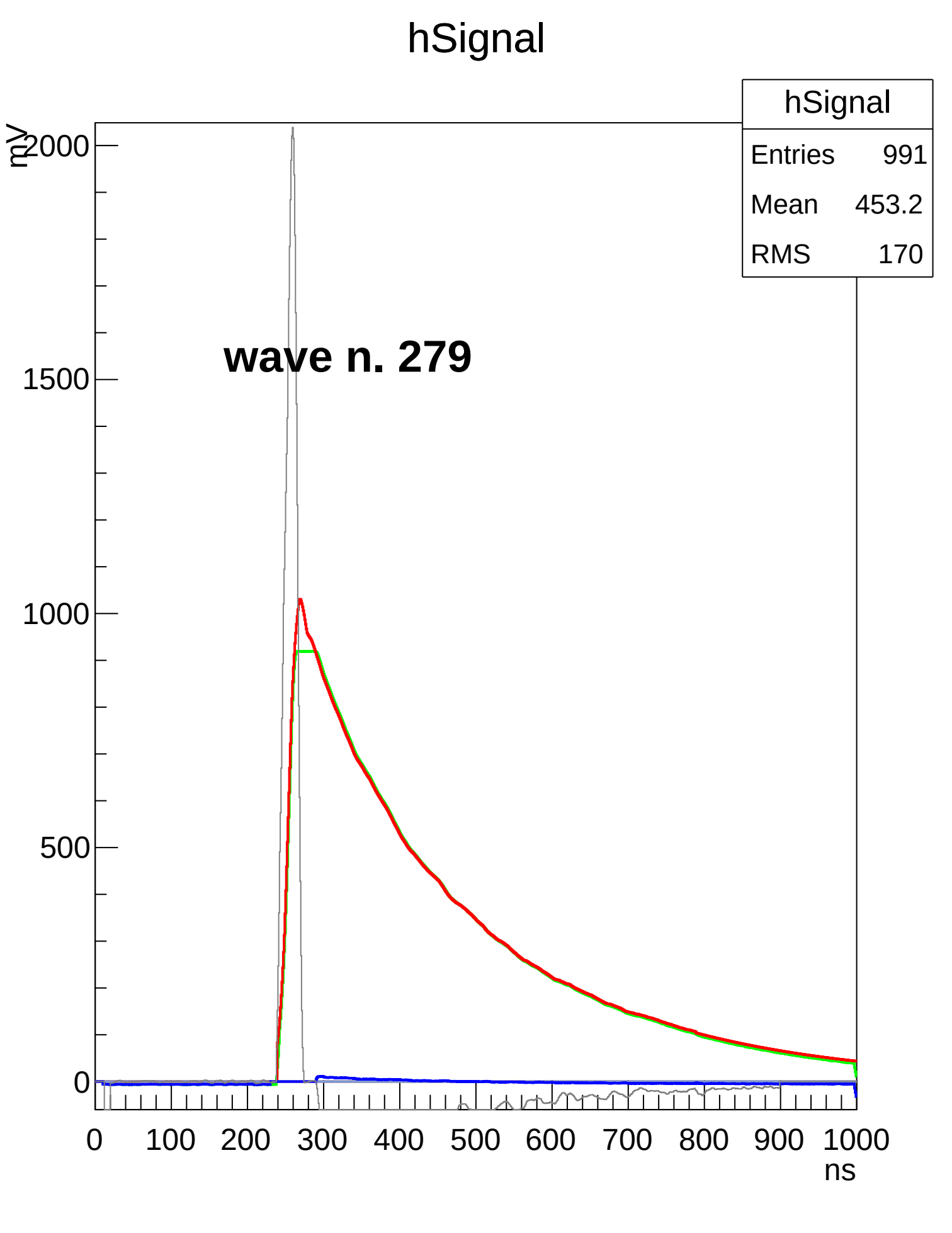
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.3
RMS 148.9
wave n. 278
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 453.2
RMS 170
wave n. 279
mV
2000
1500
1000
500
0
0
100
200
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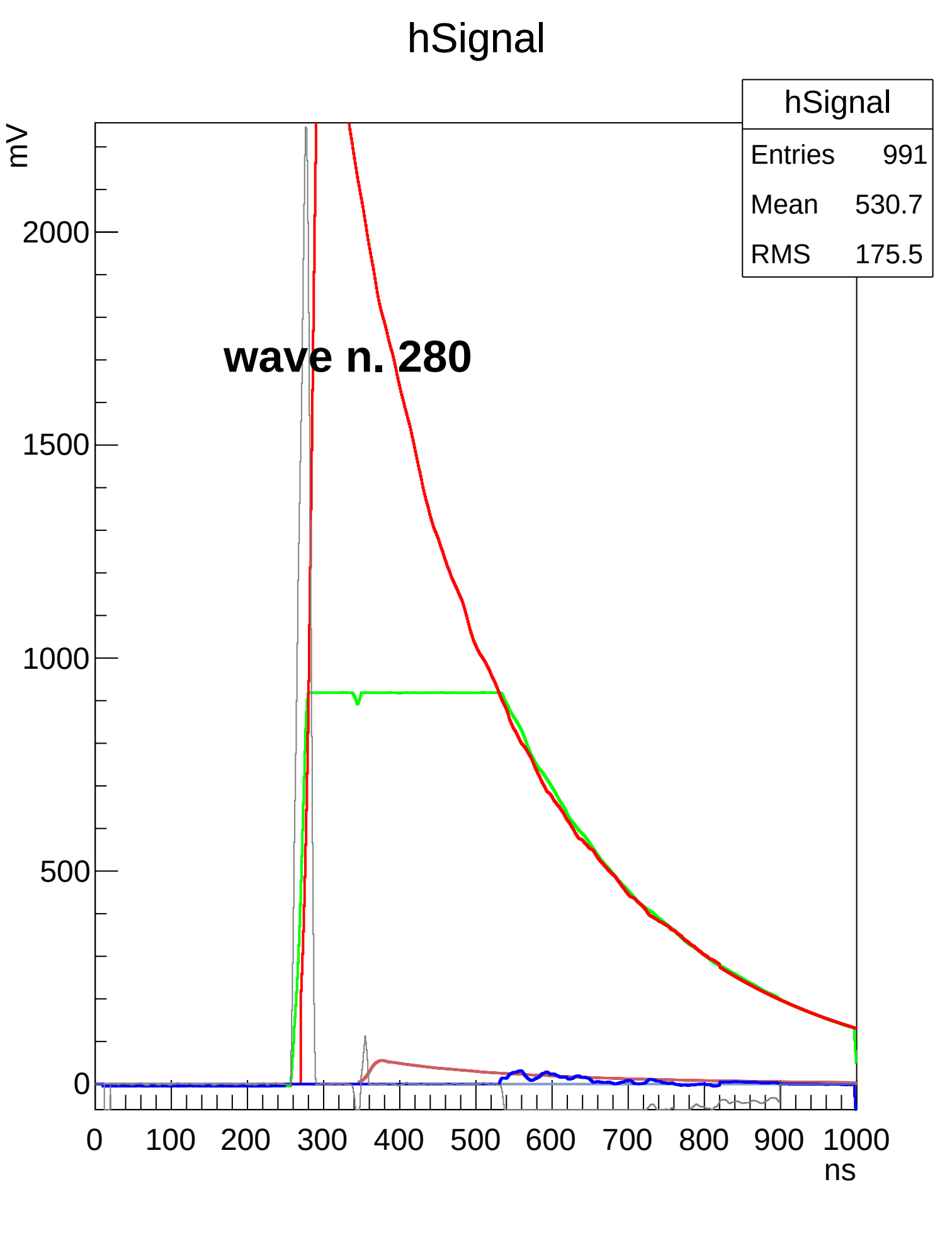
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.7
RMS 175.5
wave n. 280
mV
2000
1500
1000
500
0
0
100
200
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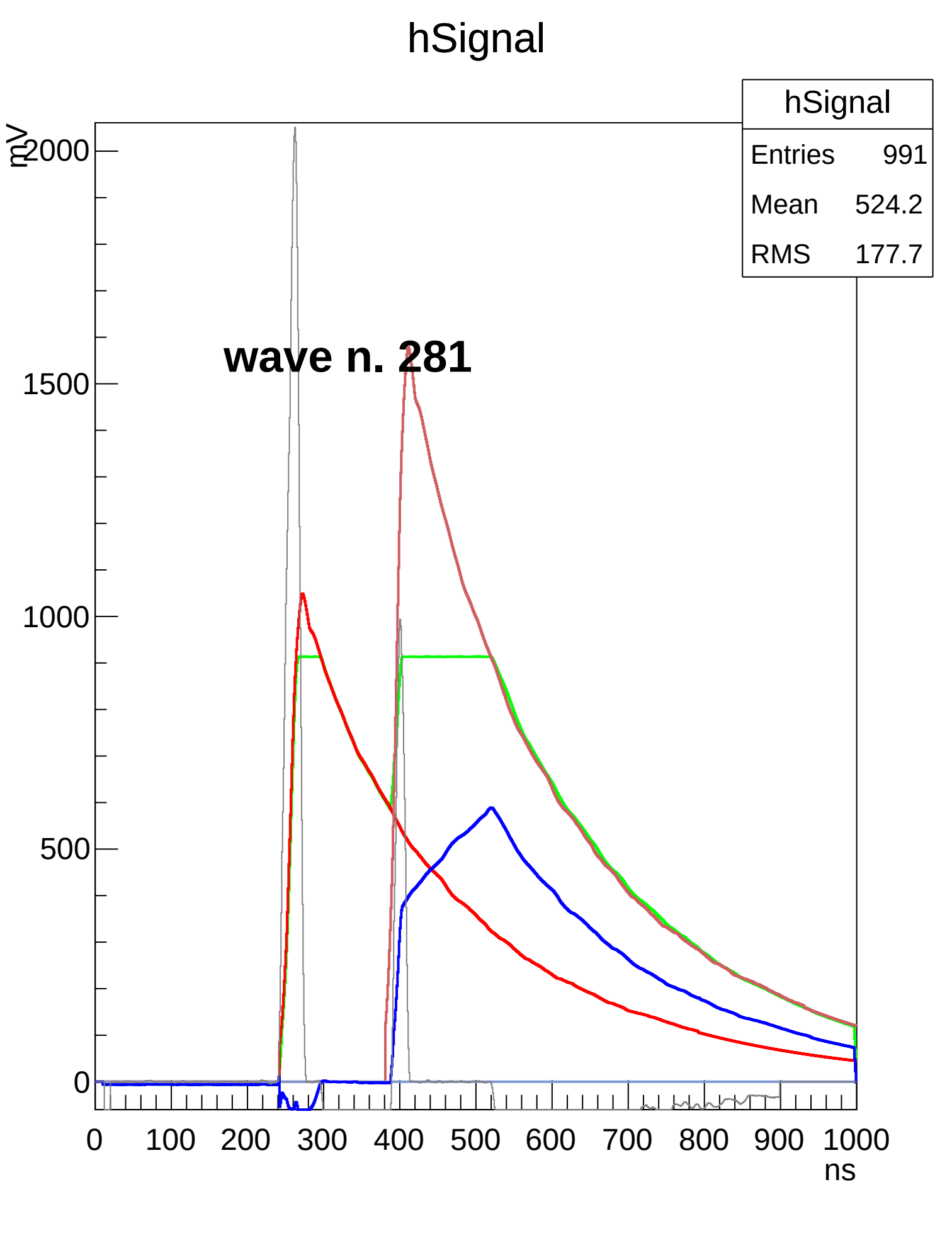
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 524.2
RMS 177.7
wave n. 281
mV
2000
1500
1000
500
0
0
100
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400
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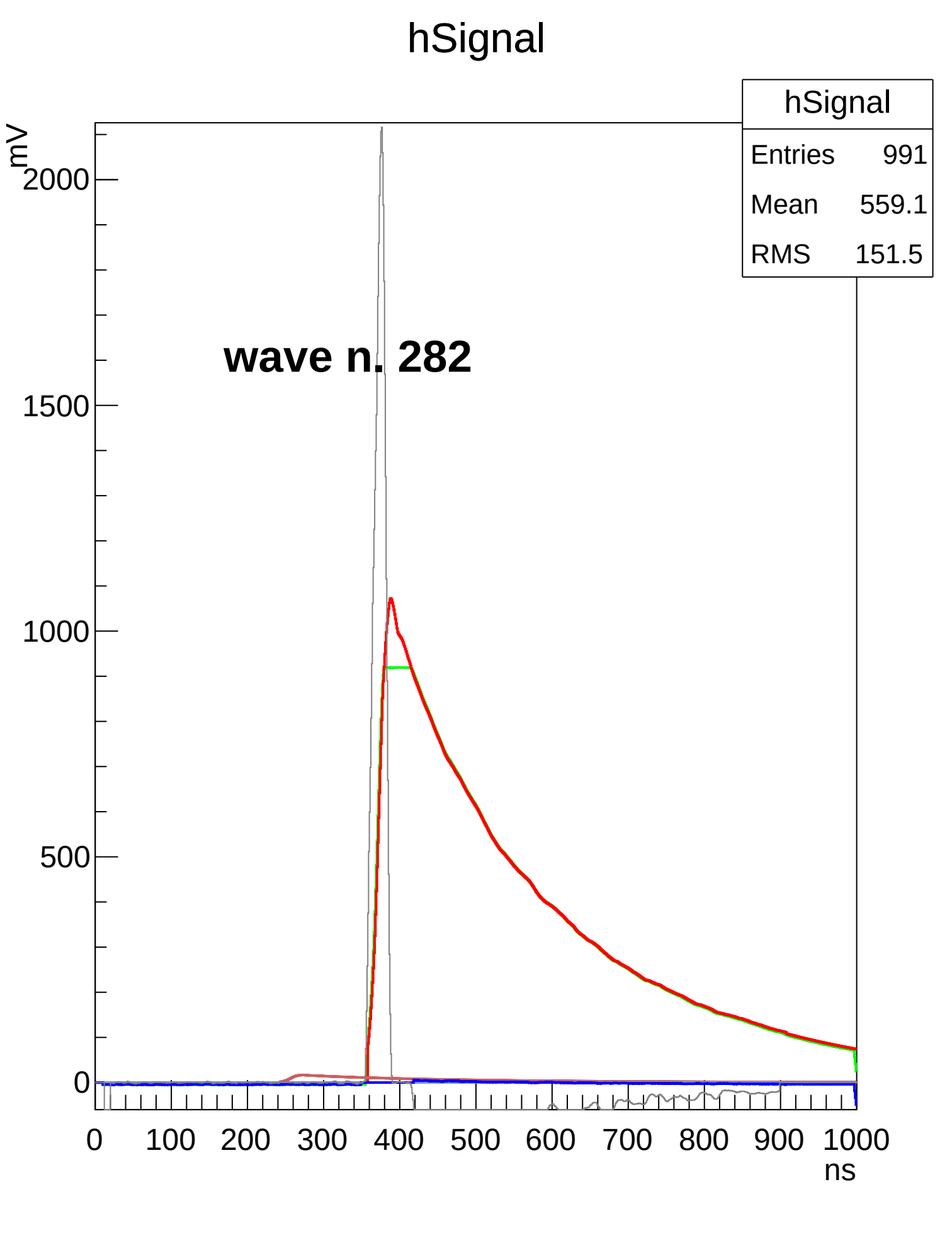
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 559.1
RMS 151.5
wave n. 282
mV
2000
1500
1000
500
0
0
100
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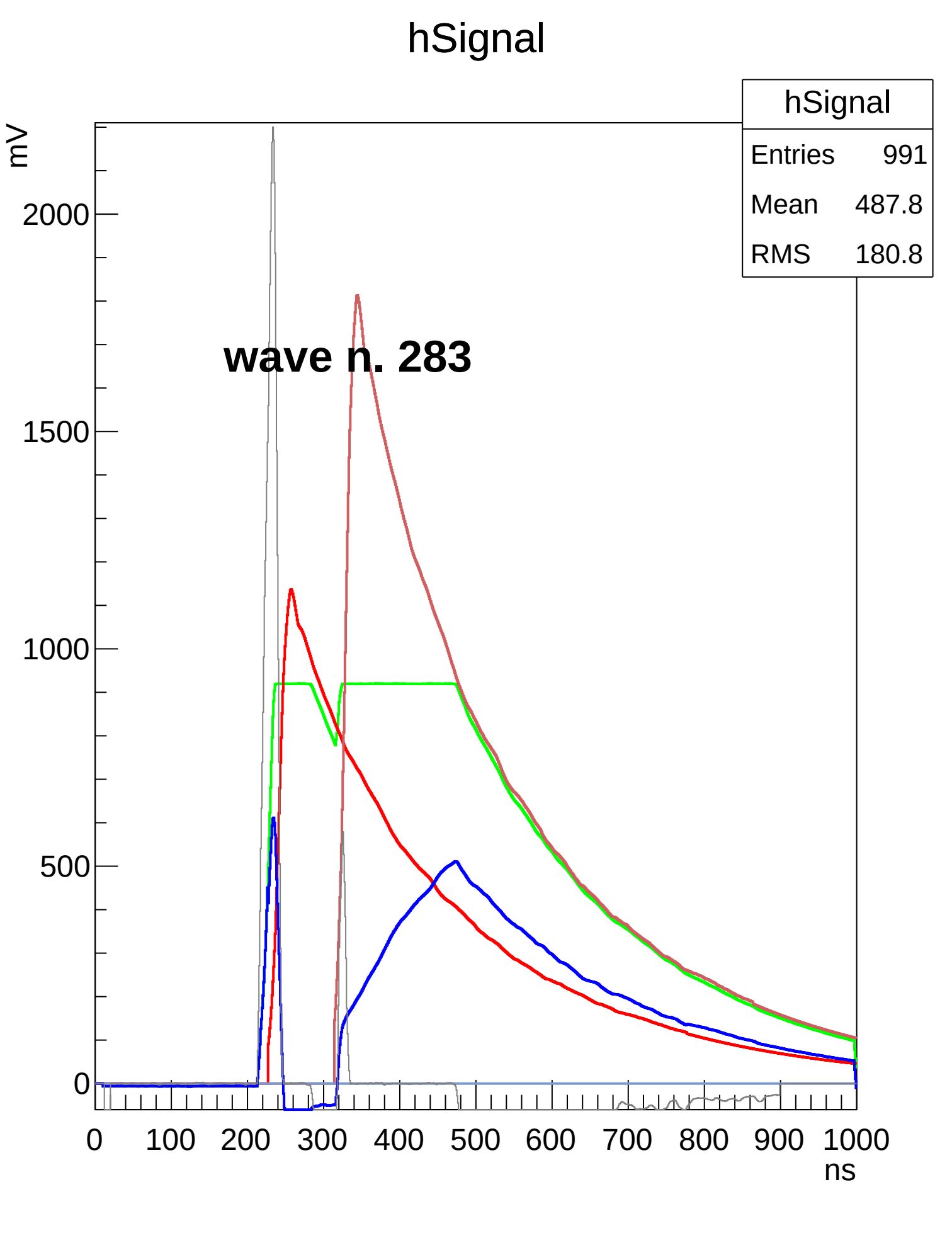
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 487.8
RMS 180.8
wave n. 283
mV
2000
1500
1000
500
0
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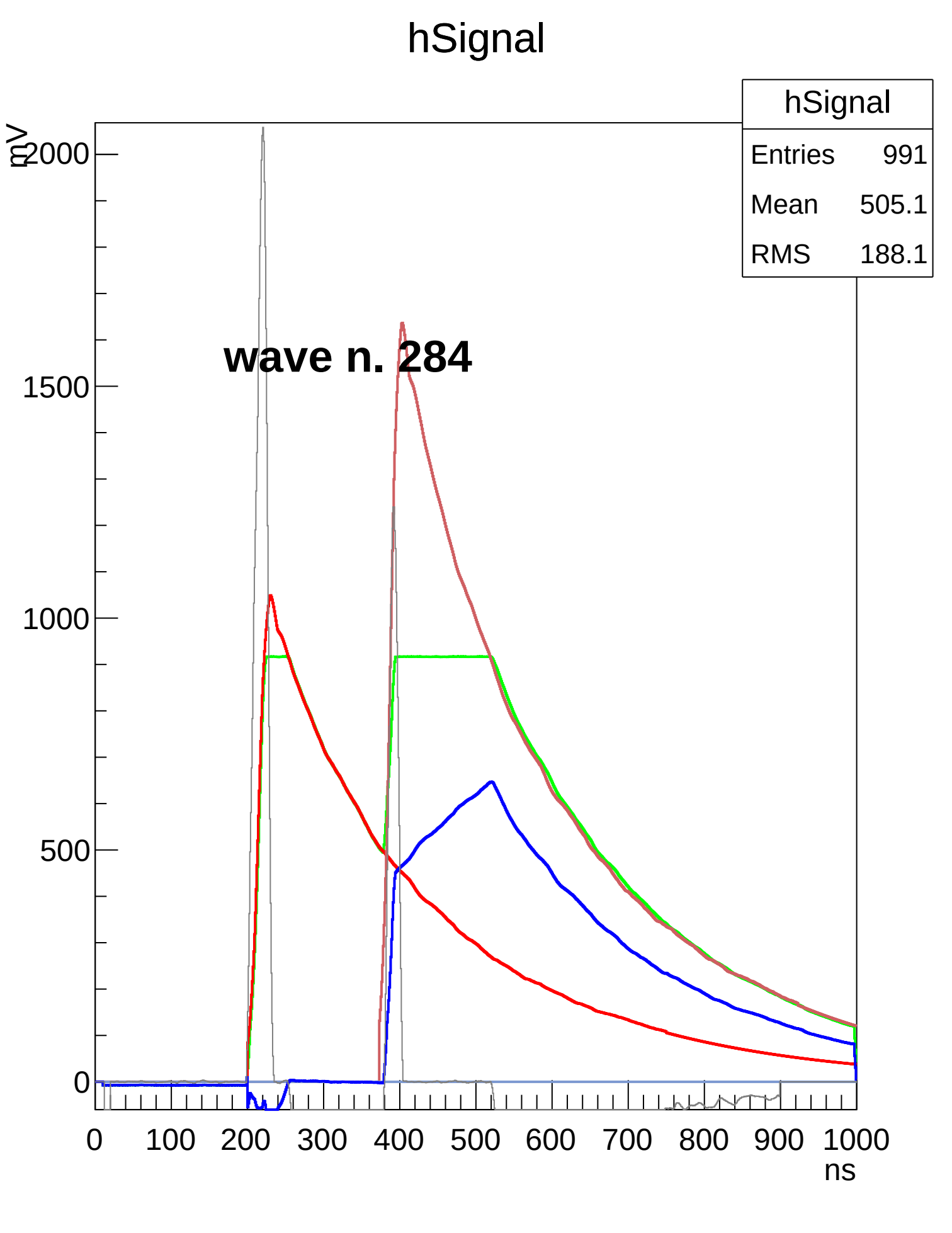
ns


hSignal
hSignal
Entries 991
Mean 505.1
RMS 188.1
wave n. 284
mV
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1500
1000
500
0
0
100
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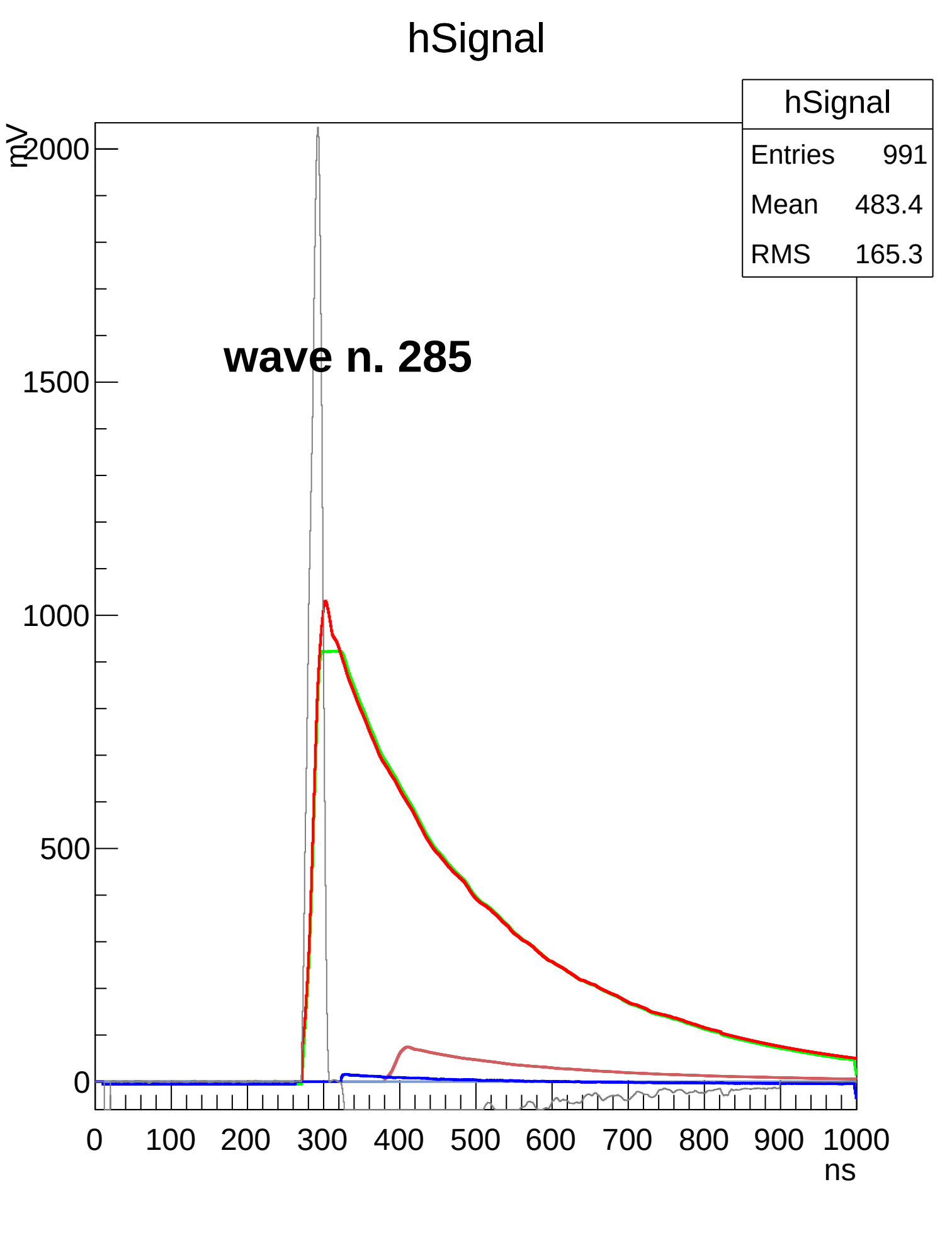
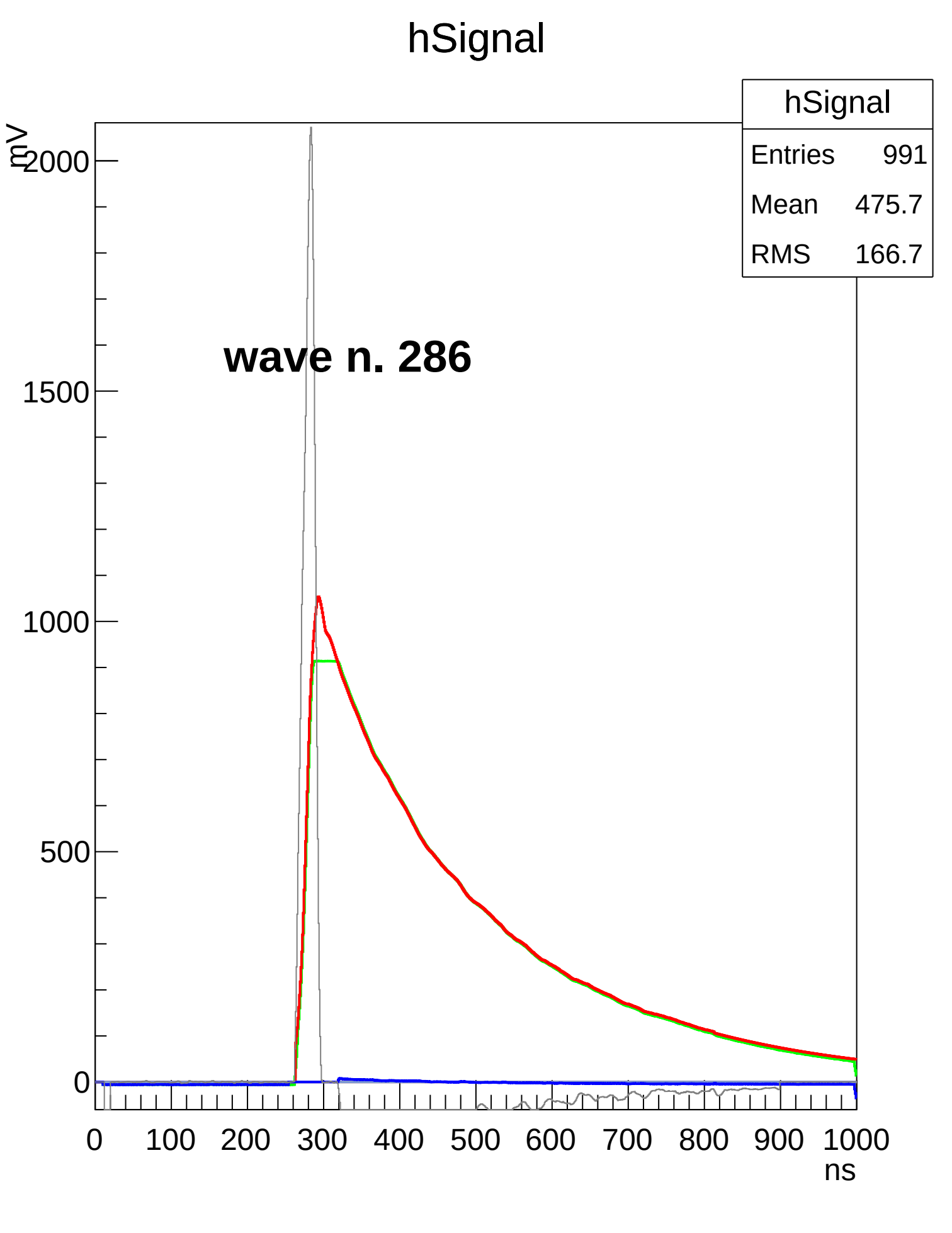
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 483.4
RMS 165.3
wave n. 285
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 475.7
RMS 166.7
wave n. 286
mV
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1500
1000
500
0
0
100
200
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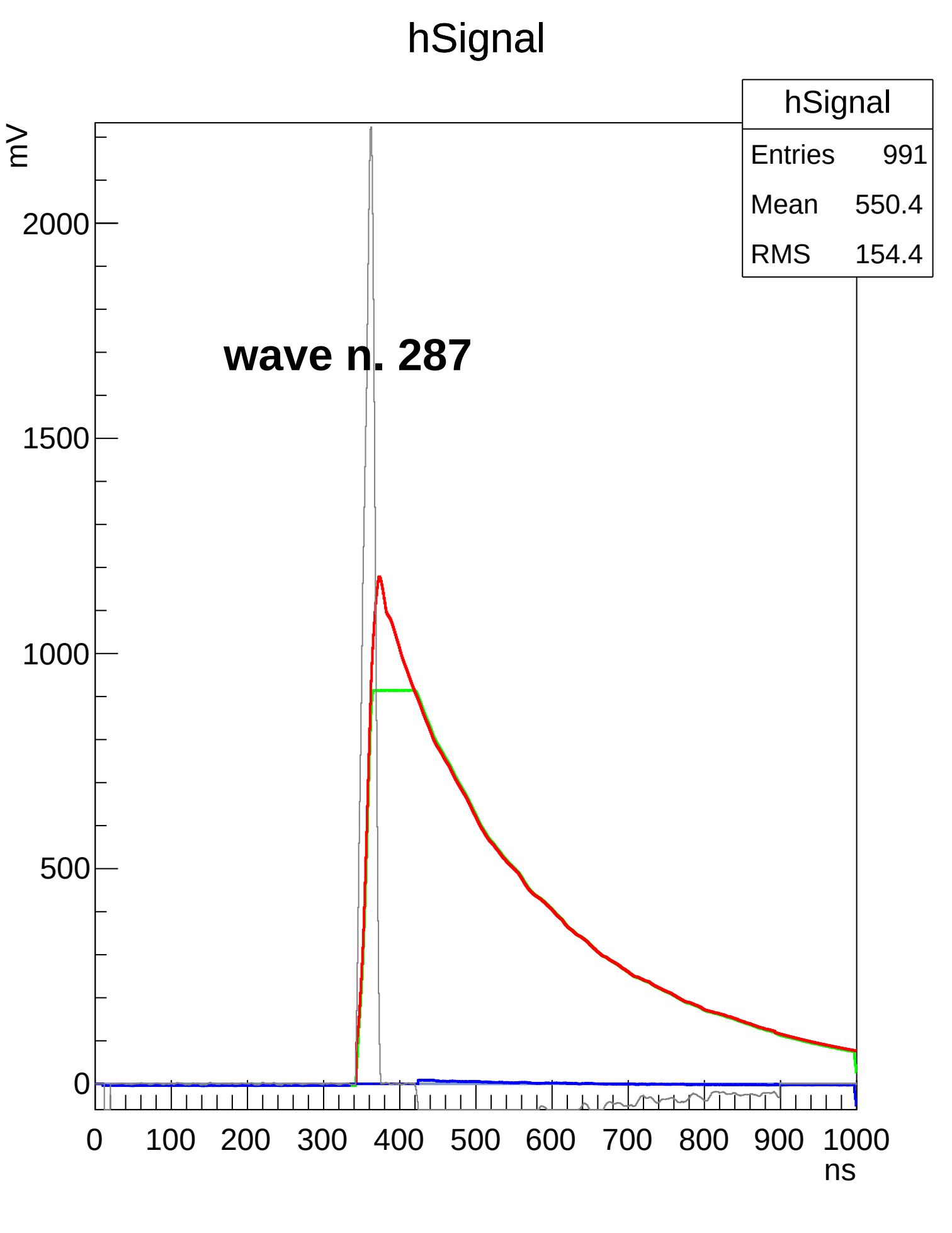
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.4
RMS 154.4
wave n. 287
mV
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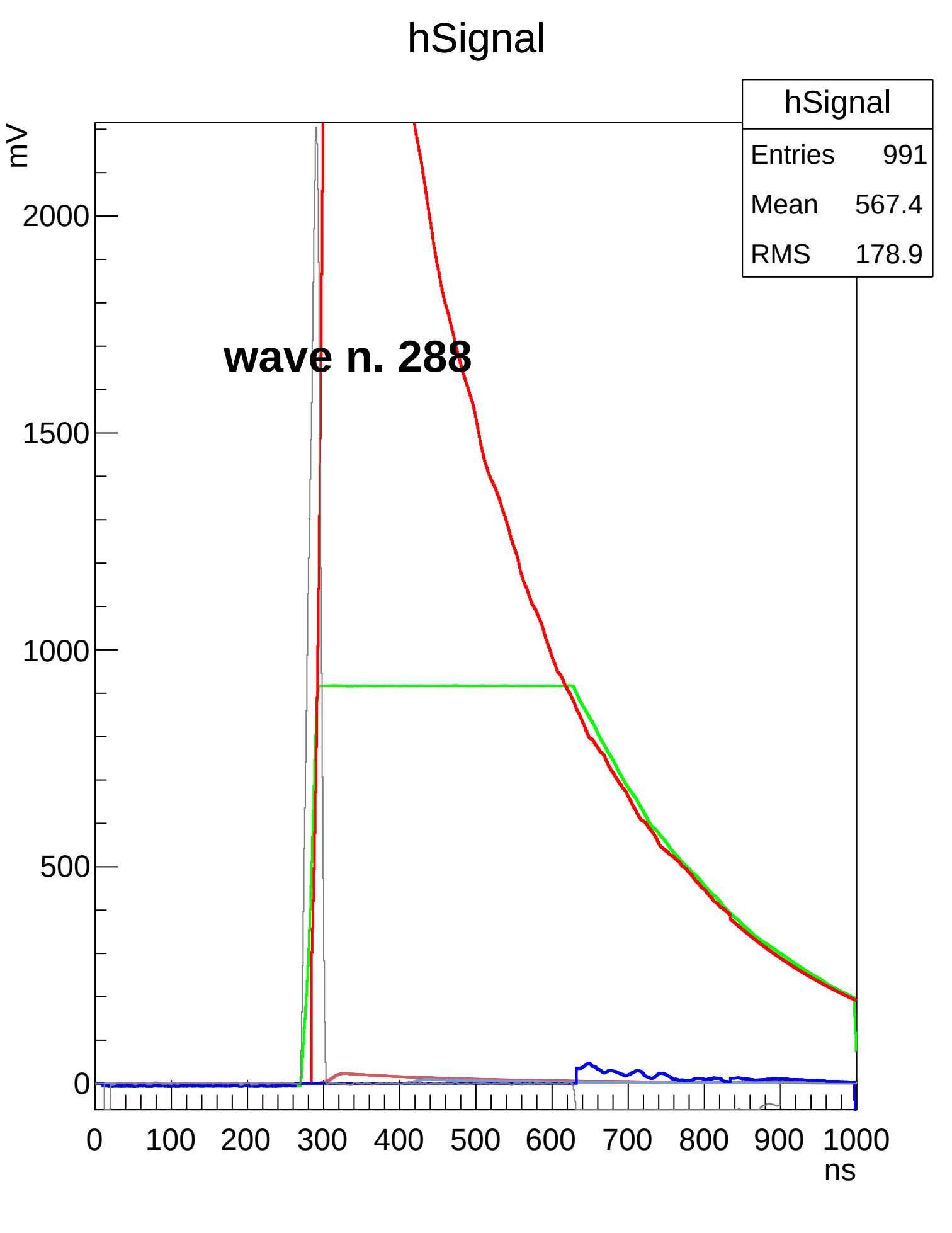
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 567.4
RMS 178.9
wave n. 288
mV
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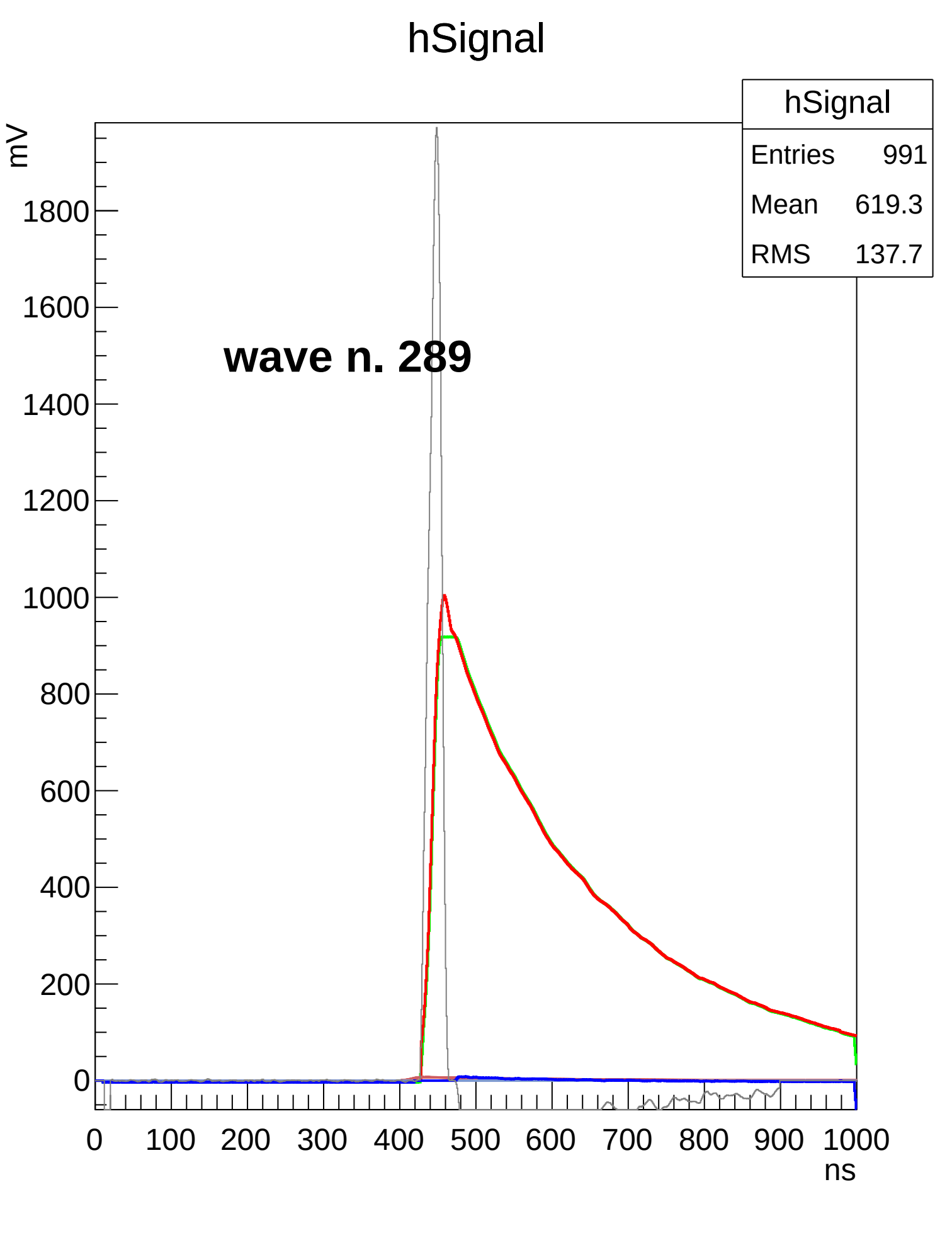
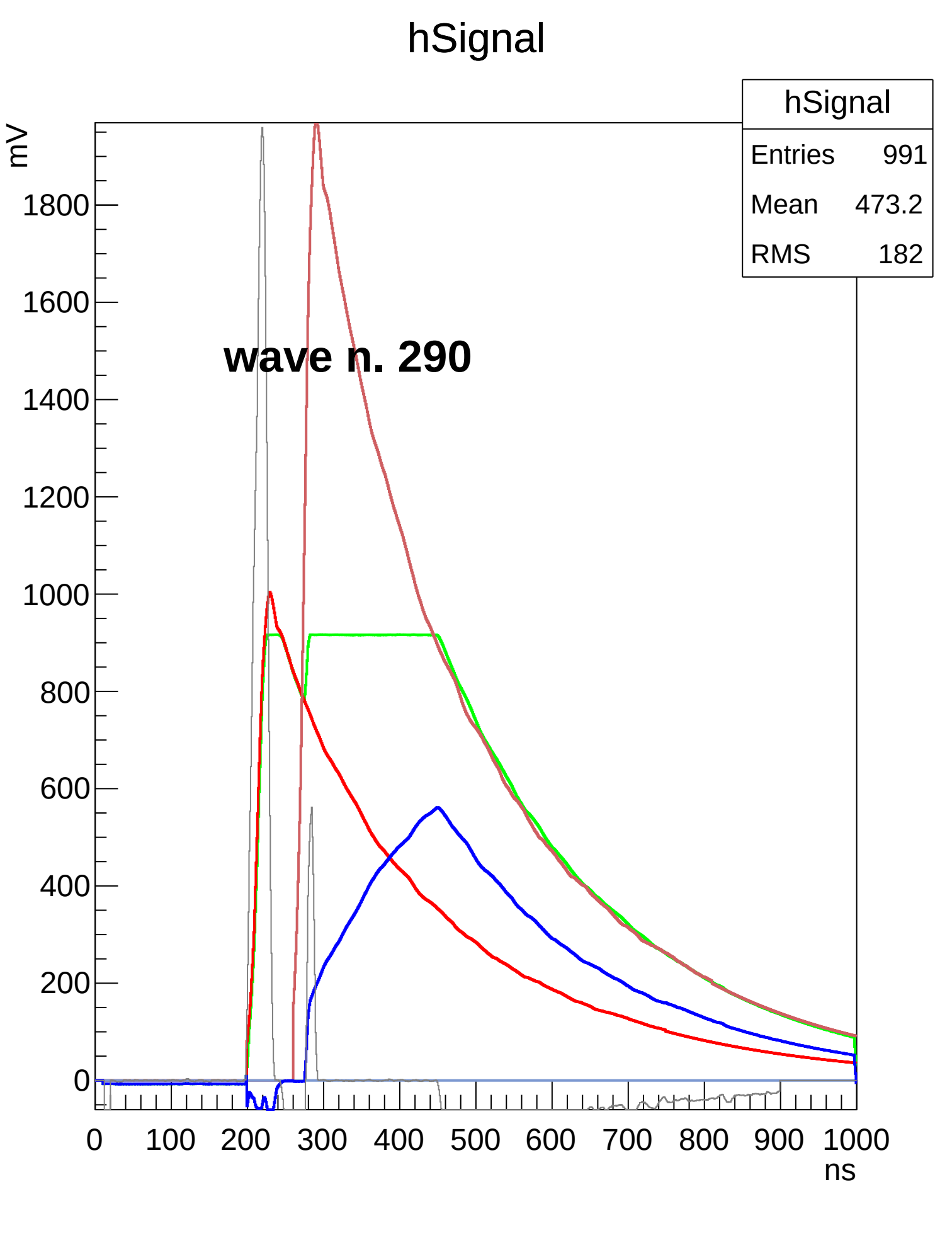
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 619.3
RMS 137.7
wave n. 289
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 473.2
RMS 182
wave n. 290
mV
1800
1600
1400
1200
1000
800
600
400
200
0
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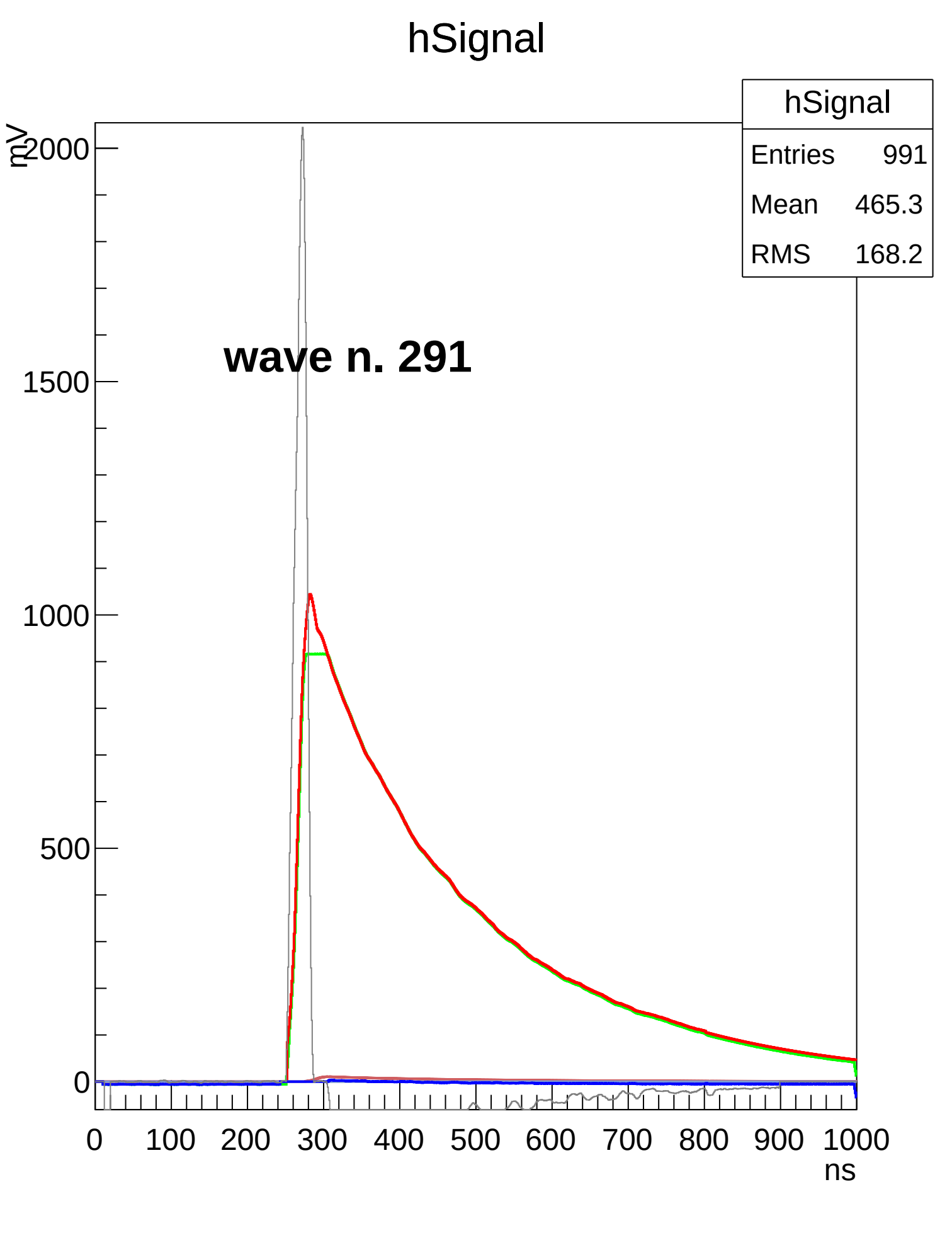
ns


hSignal
hSignal
Entries 991
Mean 465.3
RMS 168.2
wave n. 291
mV
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1500
1000
500
0
0
100
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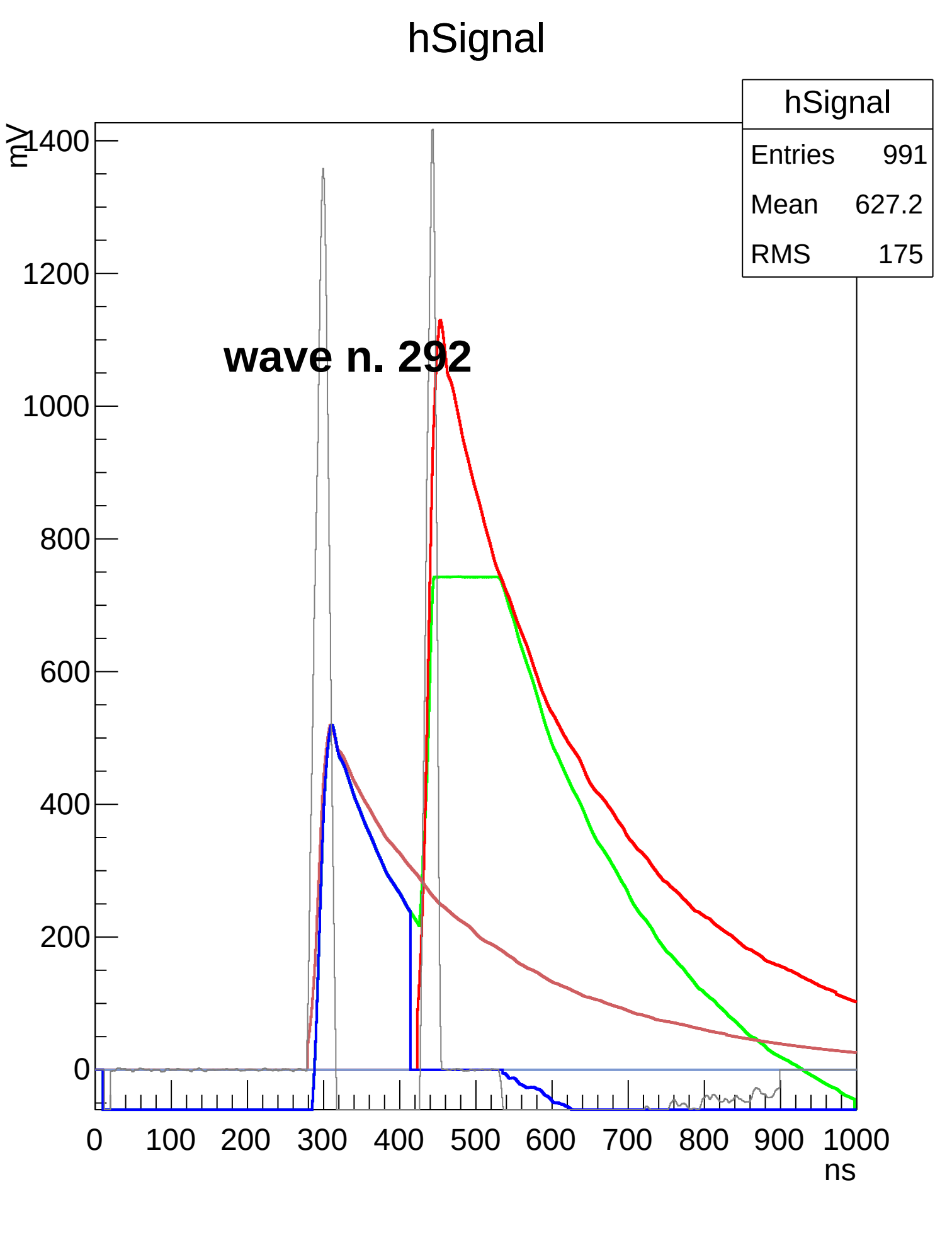
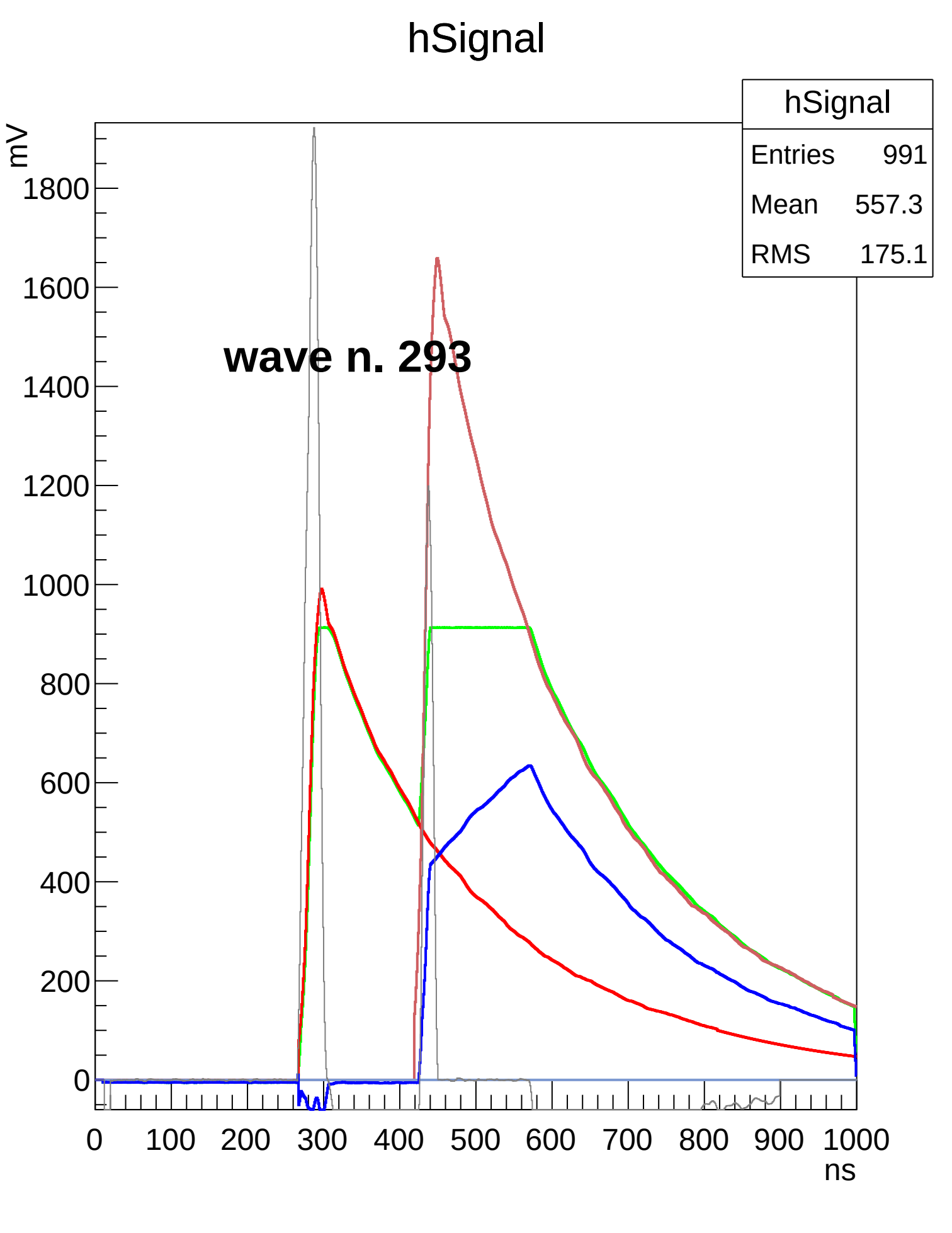
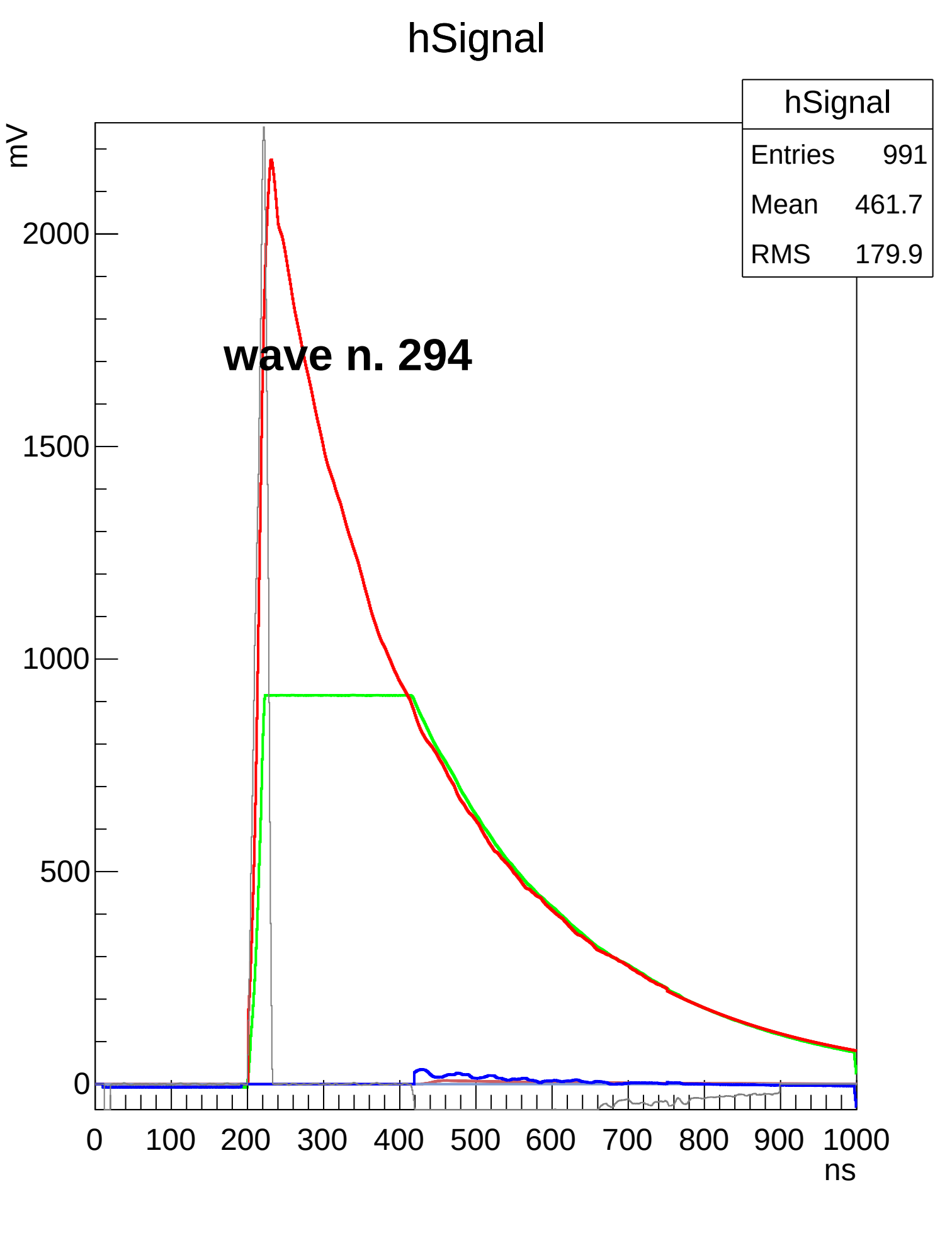
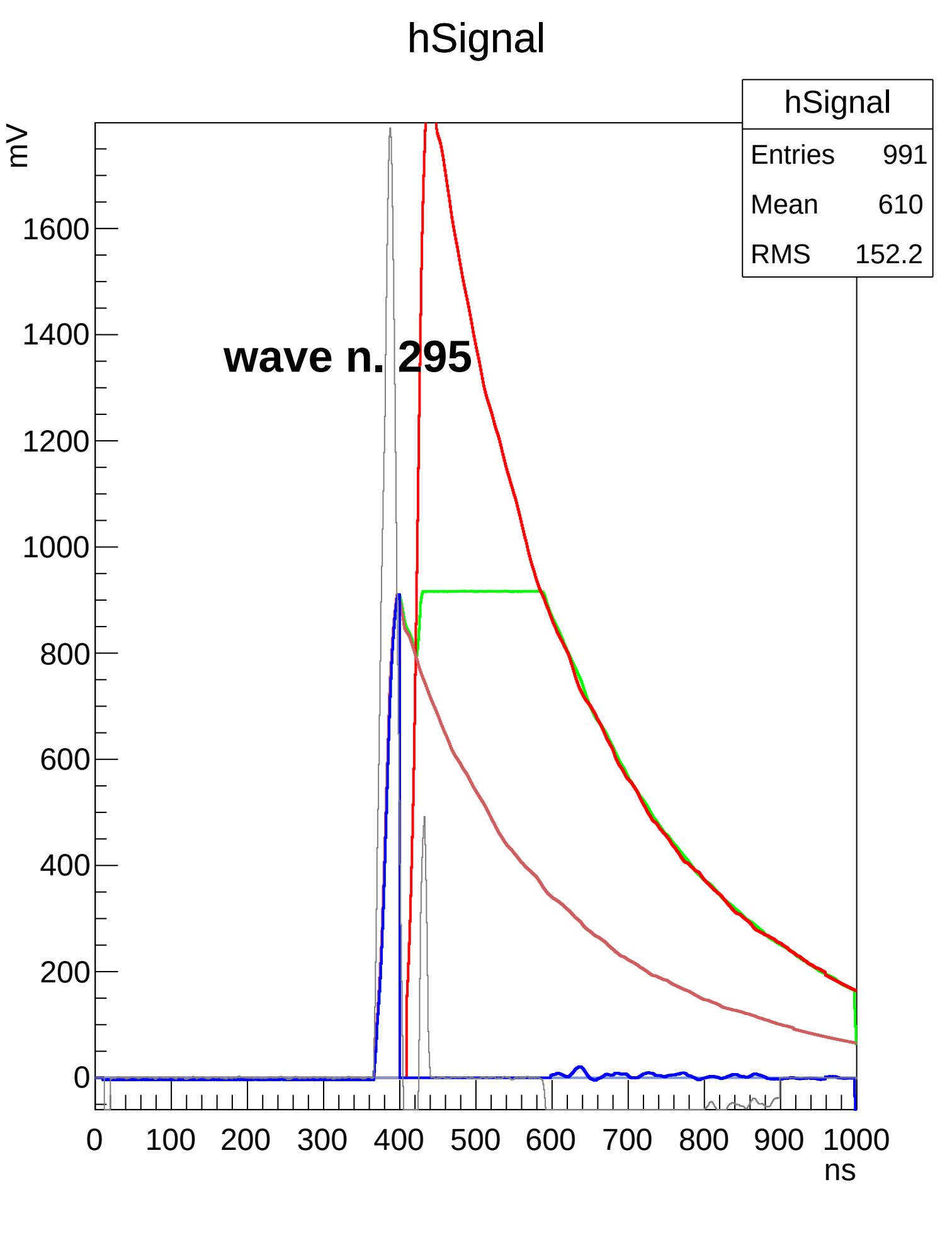
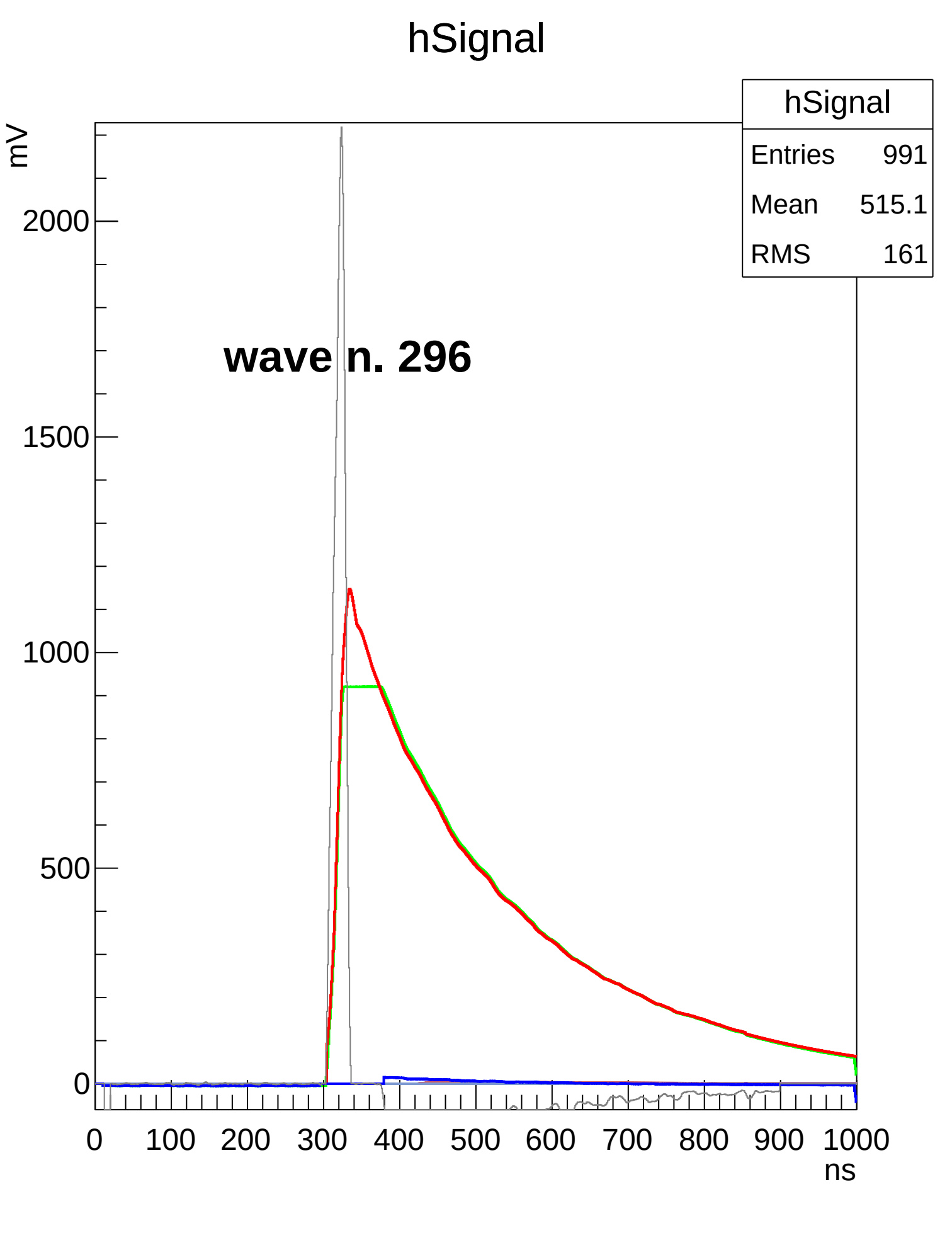
800
900
1000
ns

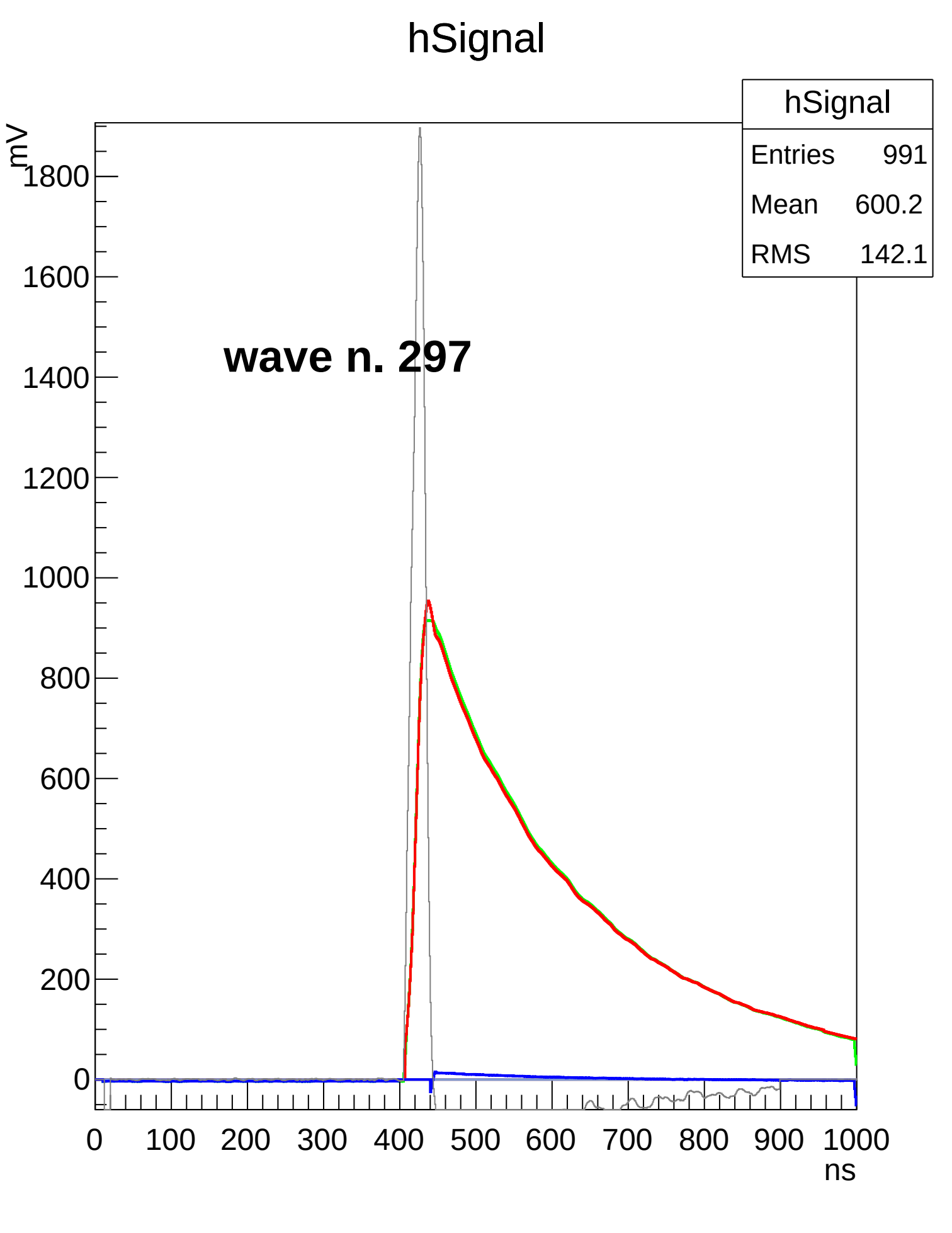

hSignal
hSignal
Entries 991
Mean 627.2
RMS 175
wave n. 292
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

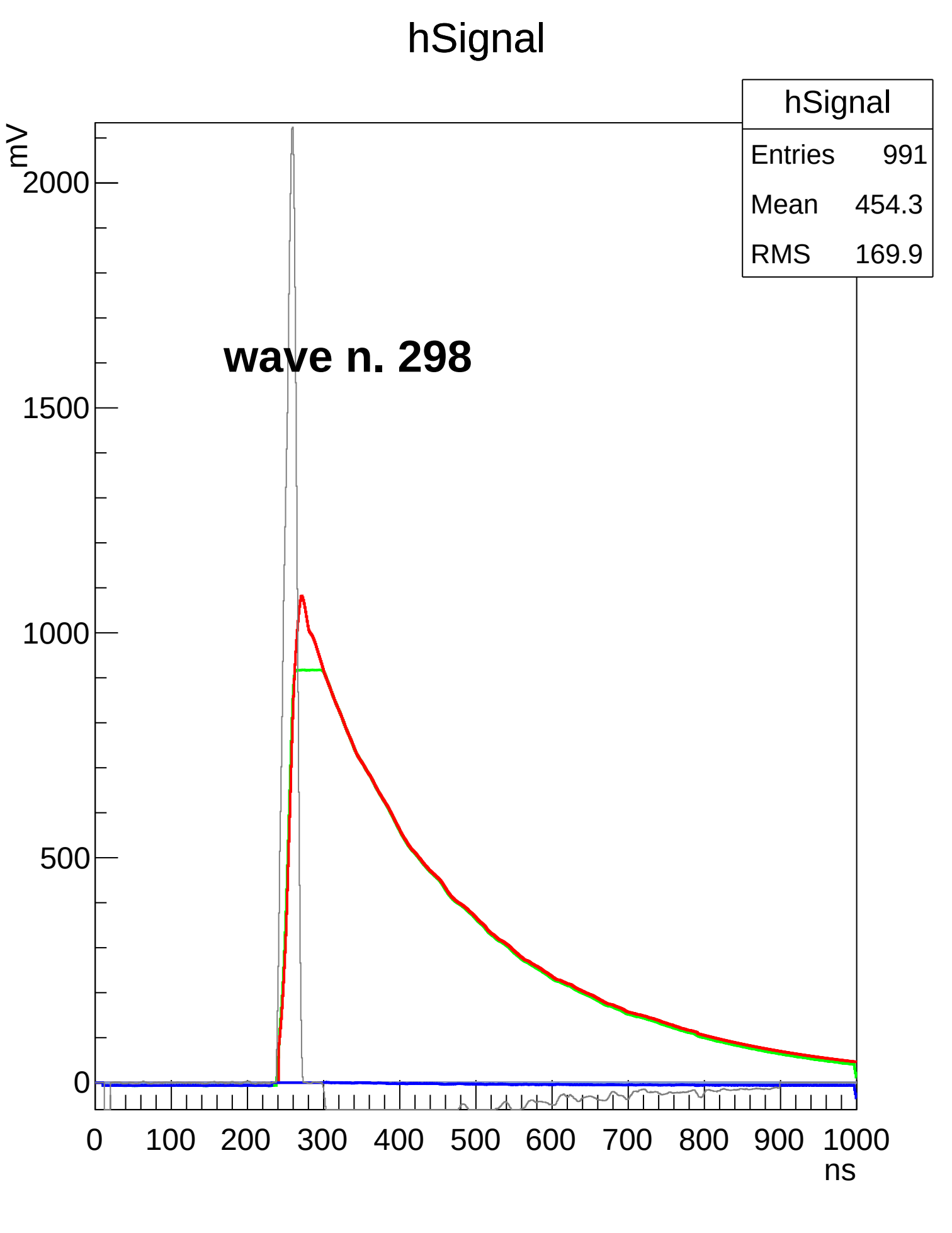

hSignal
hSignal
Entries 991
Mean 557.3
RMS 175.1
wave n. 293
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

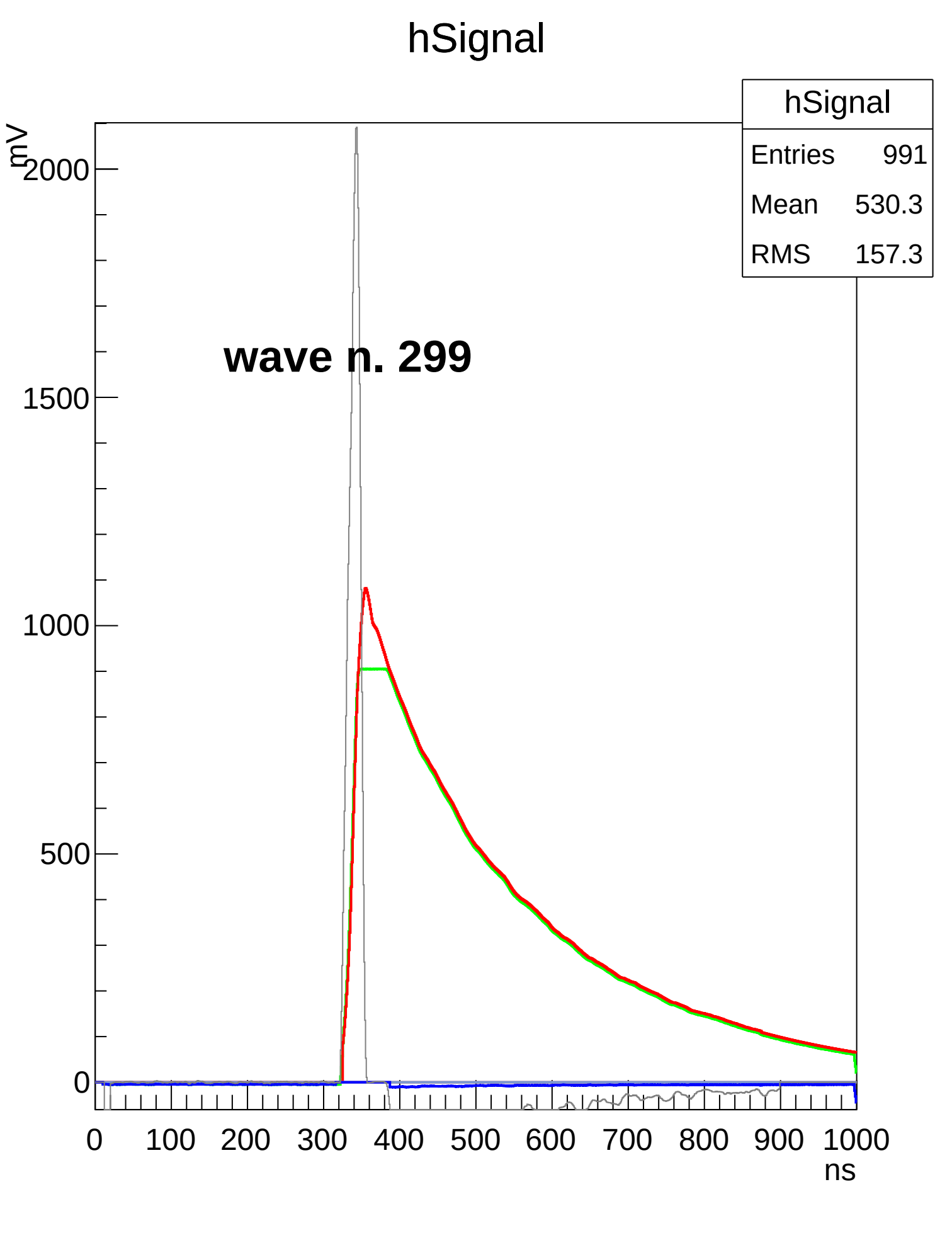

hSignal
hSignal
Entries 991
Mean 461.7
RMS 179.9
wave n. 294
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

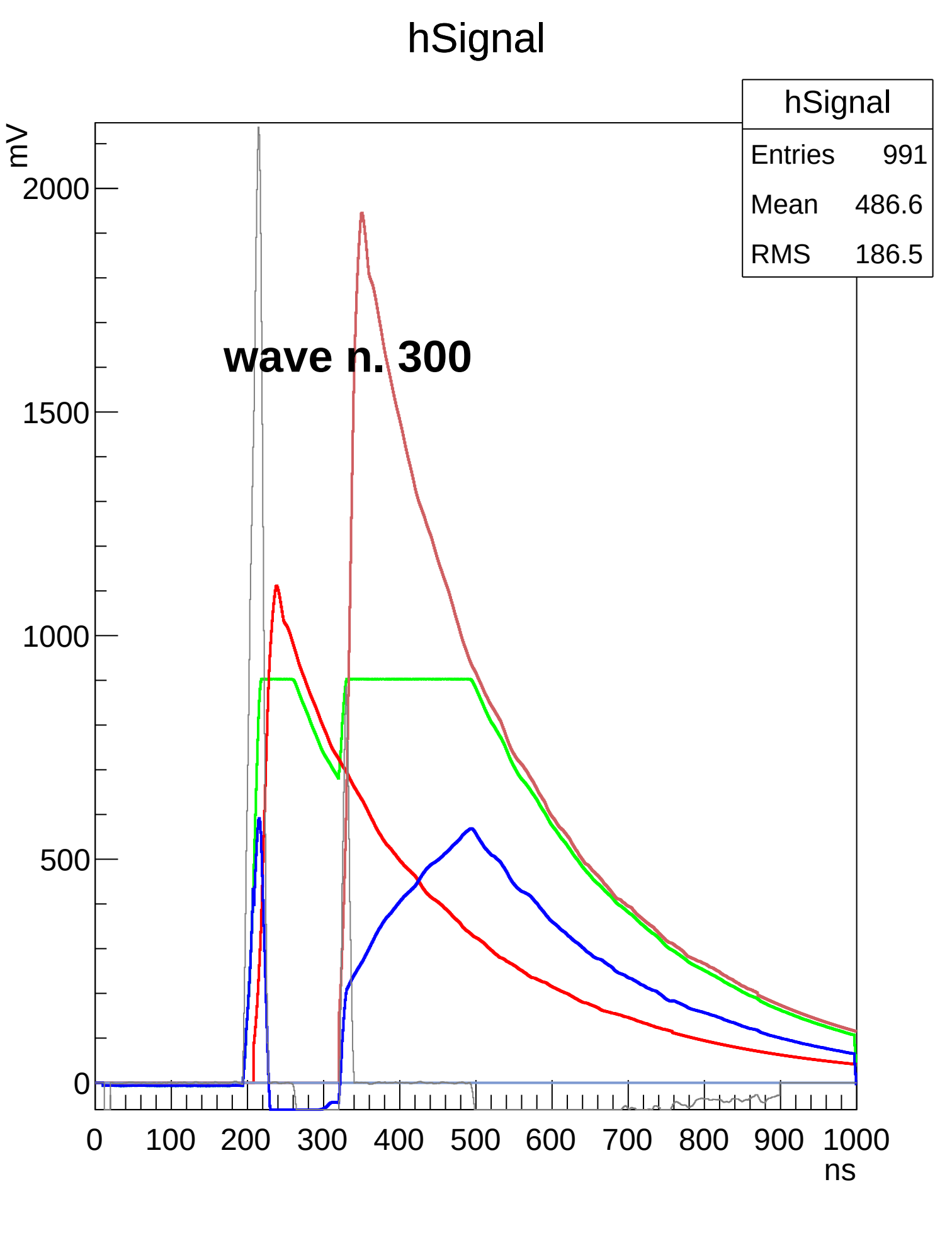

hSignal
hSignal
Entries 991
Mean 610
RMS 152.2
wave n. 295
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

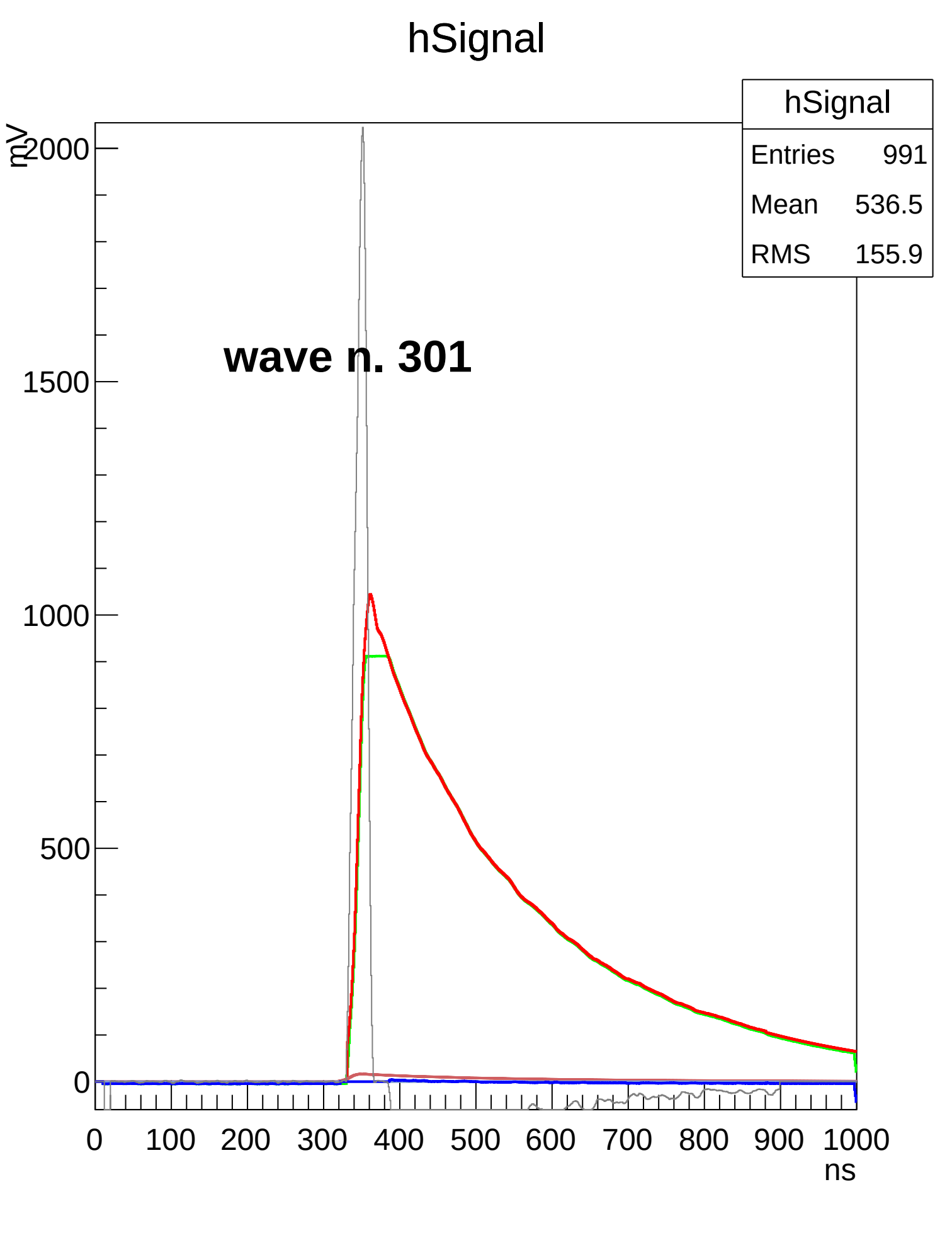

hSignal
hSignal
Entries 991
Mean 515.1
RMS 161
wave n. 296
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 600.2
RMS 142.1
wave n. 297
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 454.3
RMS 169.9
wave n. 298
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 530.3
RMS 157.3
wave n. 299
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 486.6
RMS 186.5
wave n. 300
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 536.5
RMS 155.9
wave n. 301
mV
2000
1500
1000
500
0
0
100
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400
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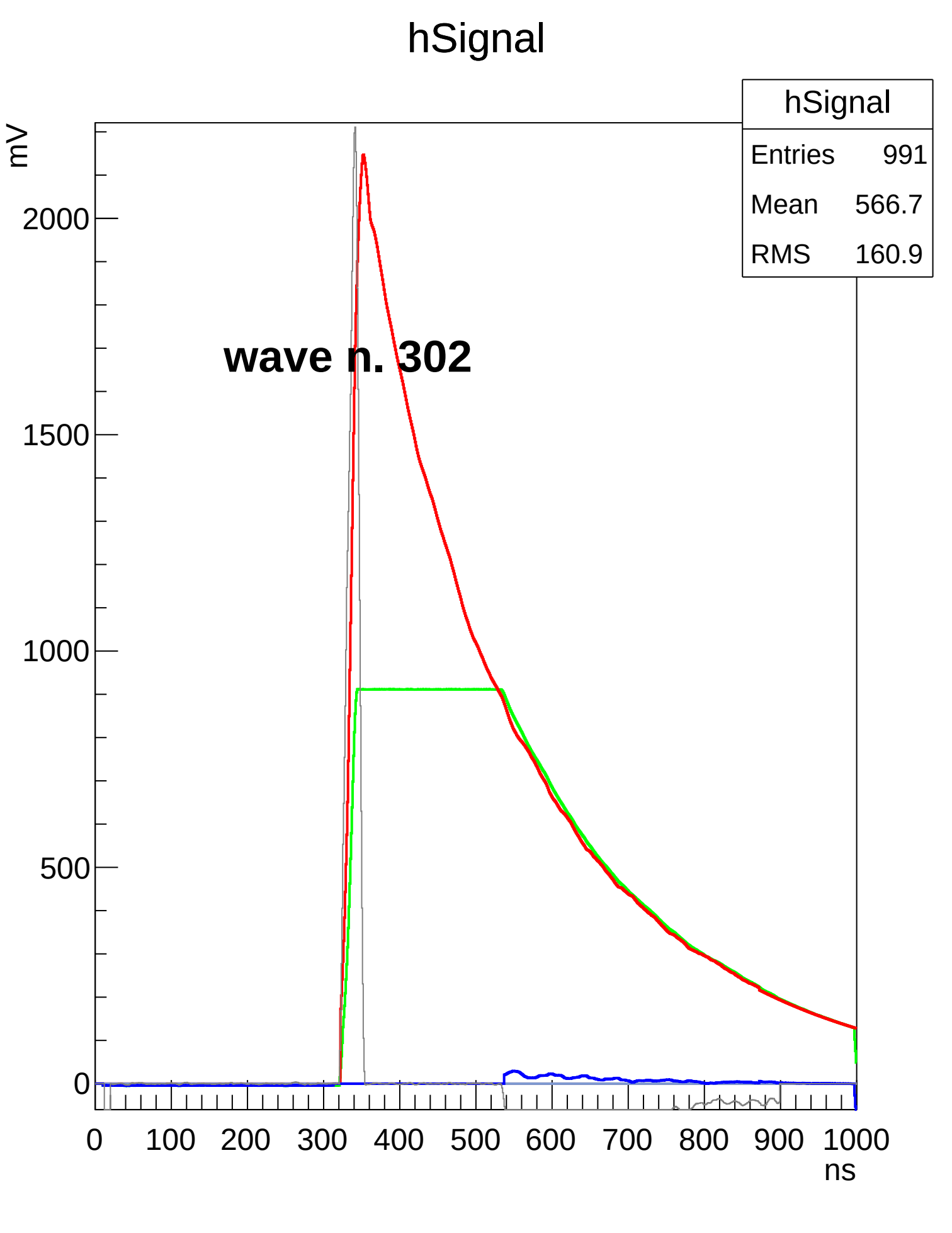
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 566.7
RMS 160.9
wave n. 302
mV
2000
1500
1000
500
0
0
100
200
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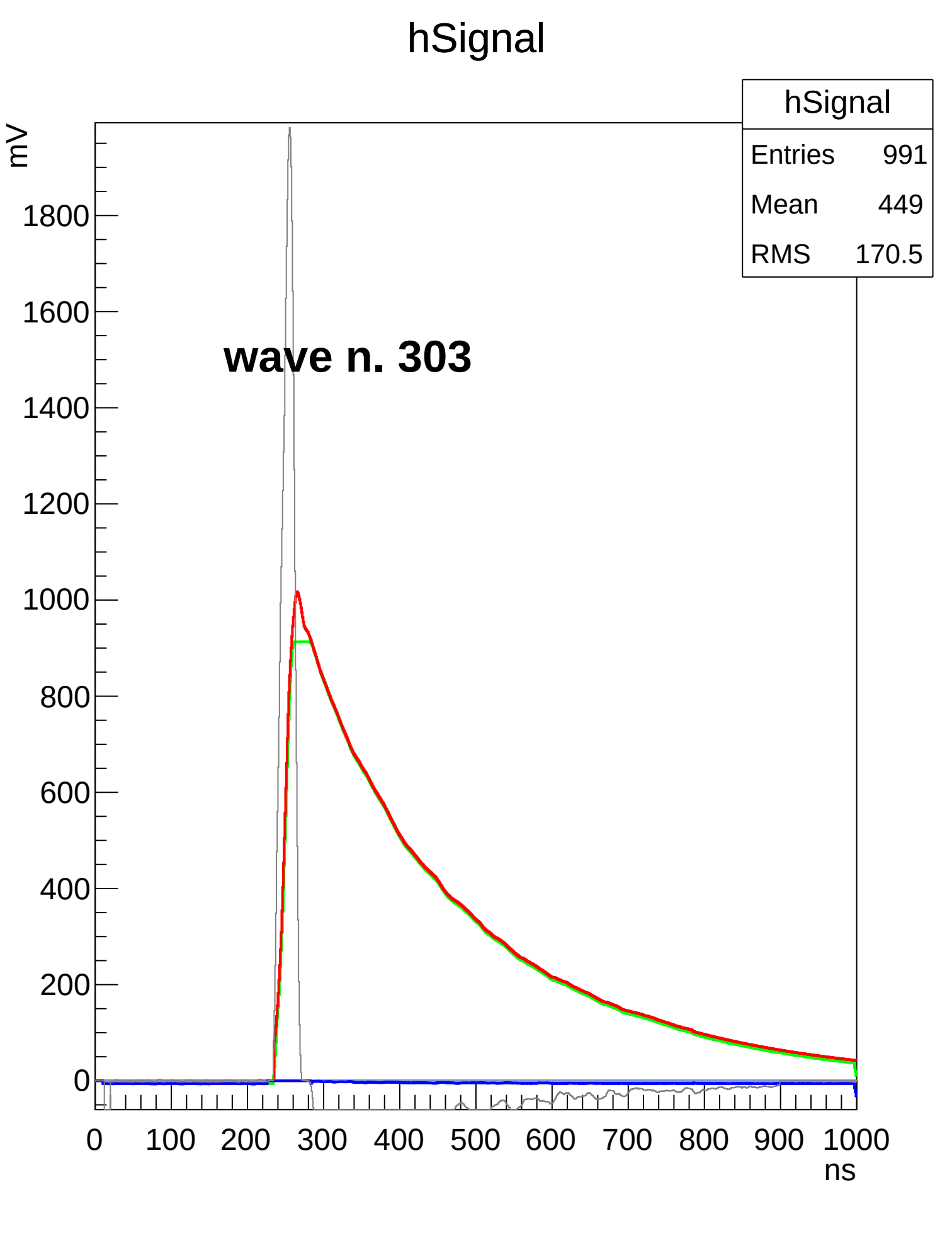
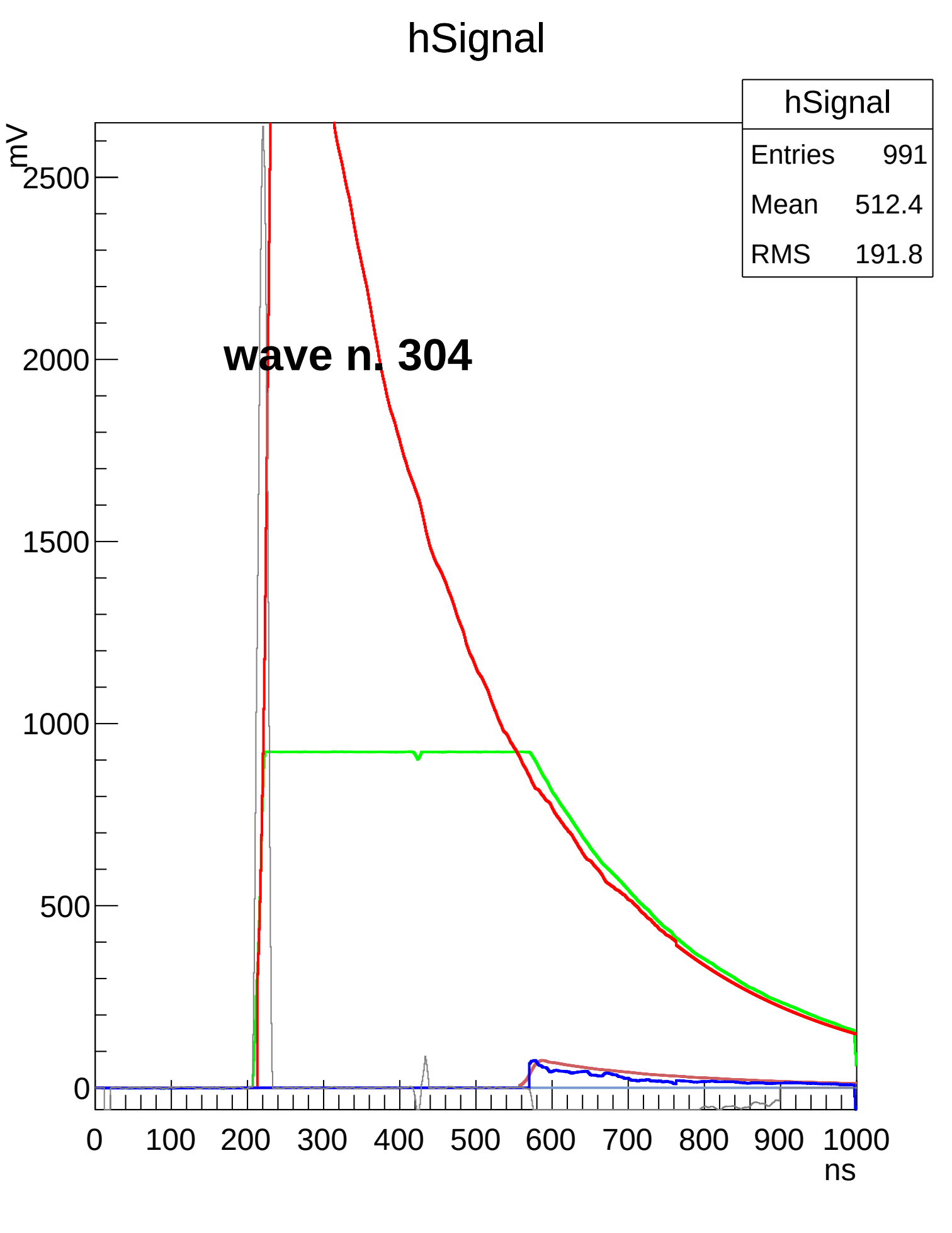
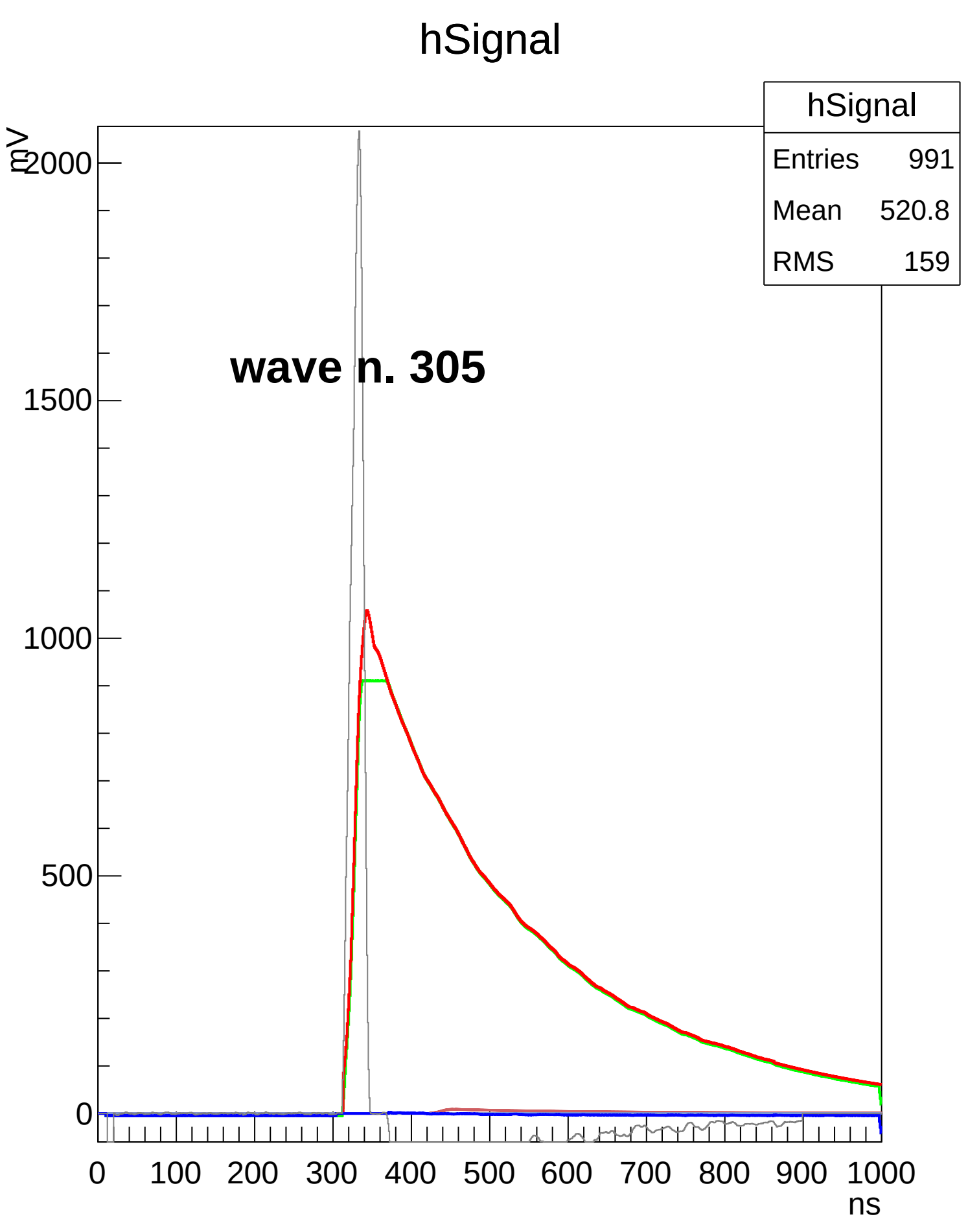
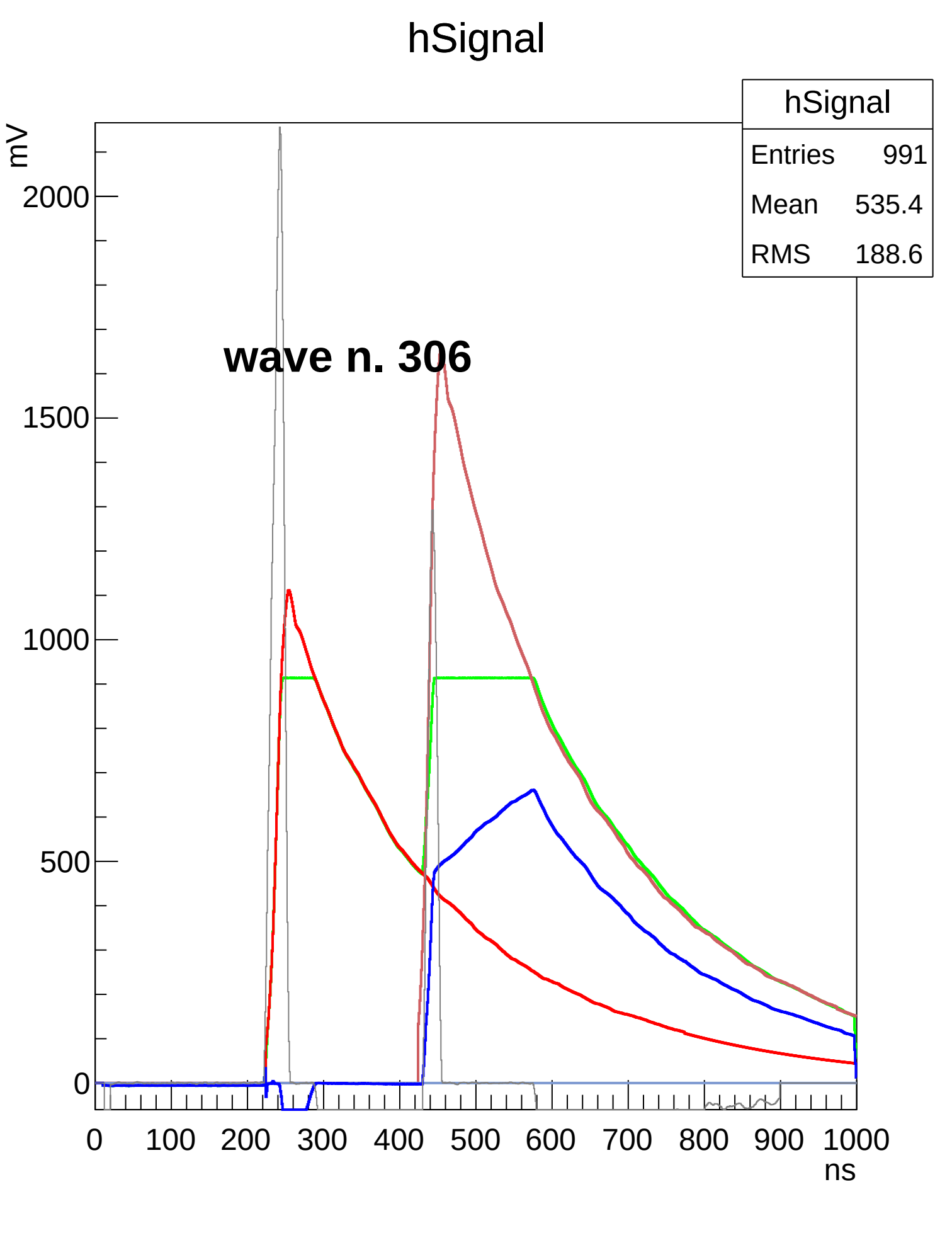
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 449
RMS 170.5
wave n. 303
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 512.4
RMS 191.8
wave n. 304
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 520.8
RMS 159
wave n. 305
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 535.4
RMS 188.6
wave n. 306
mV
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1500
1000
500
0
0
100
200
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400
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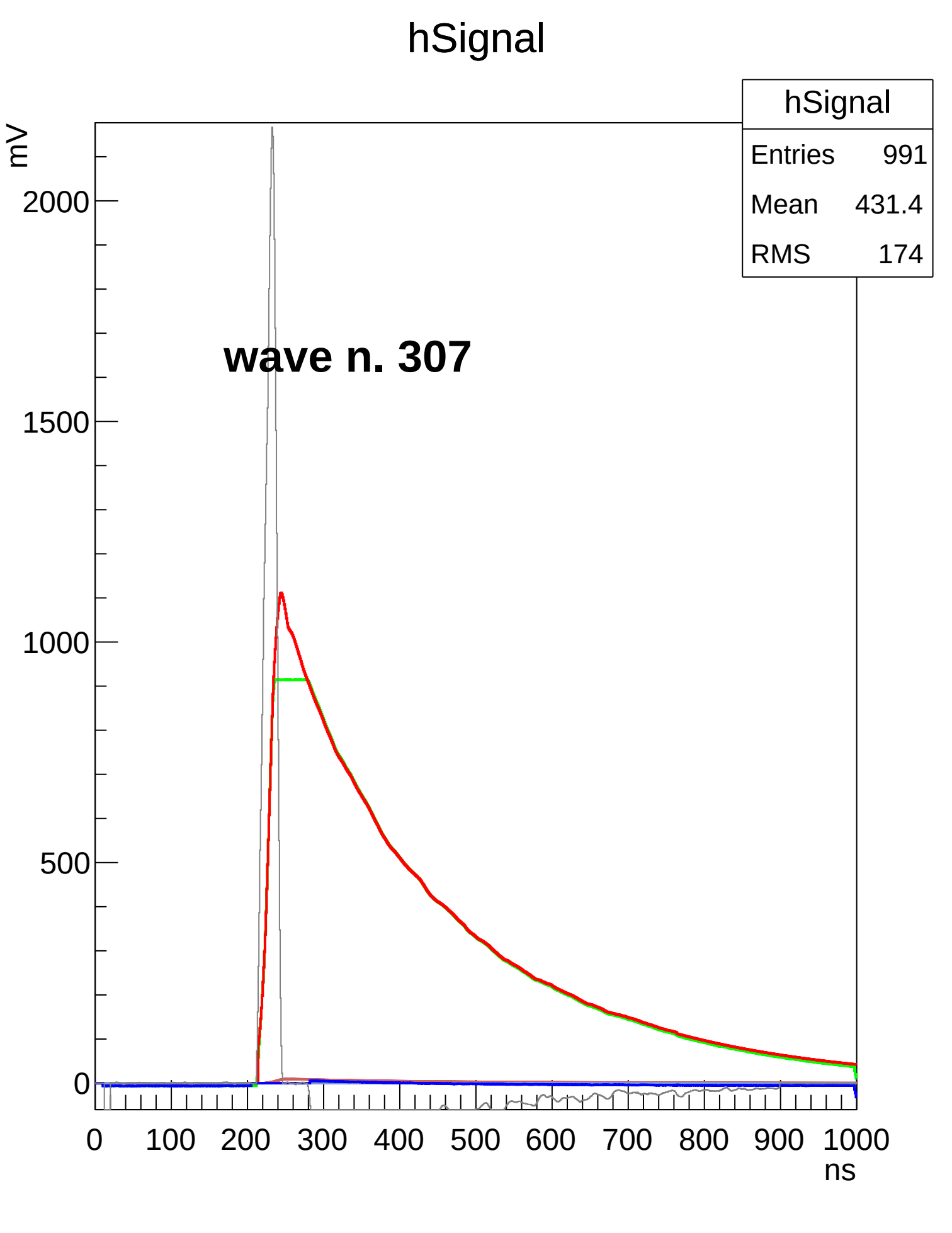
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 431.4
RMS 174
wave n. 307
mV
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1500
1000
500
0
0
100
200
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400
500
600
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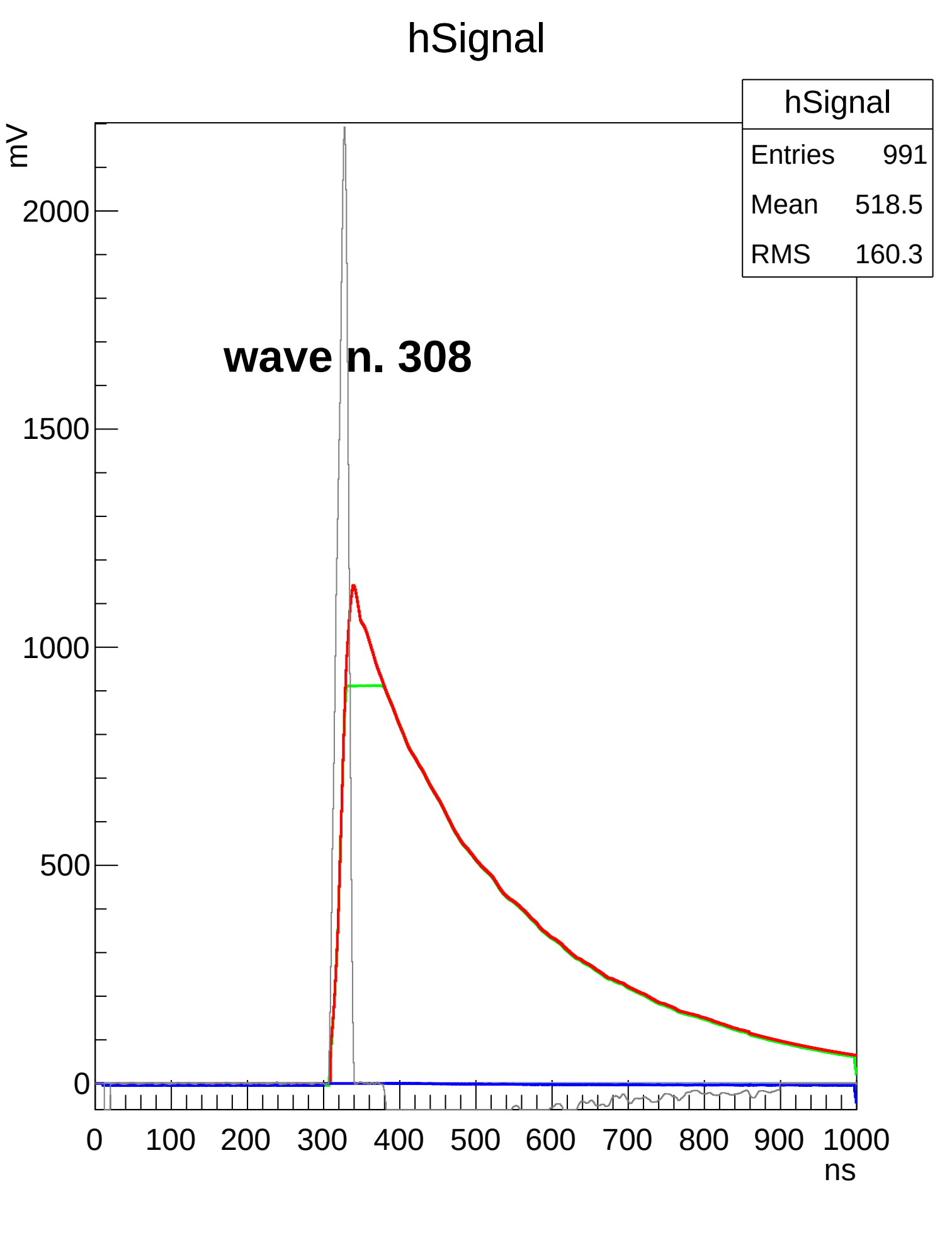
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.5
RMS 160.3
wave n. 308
mV
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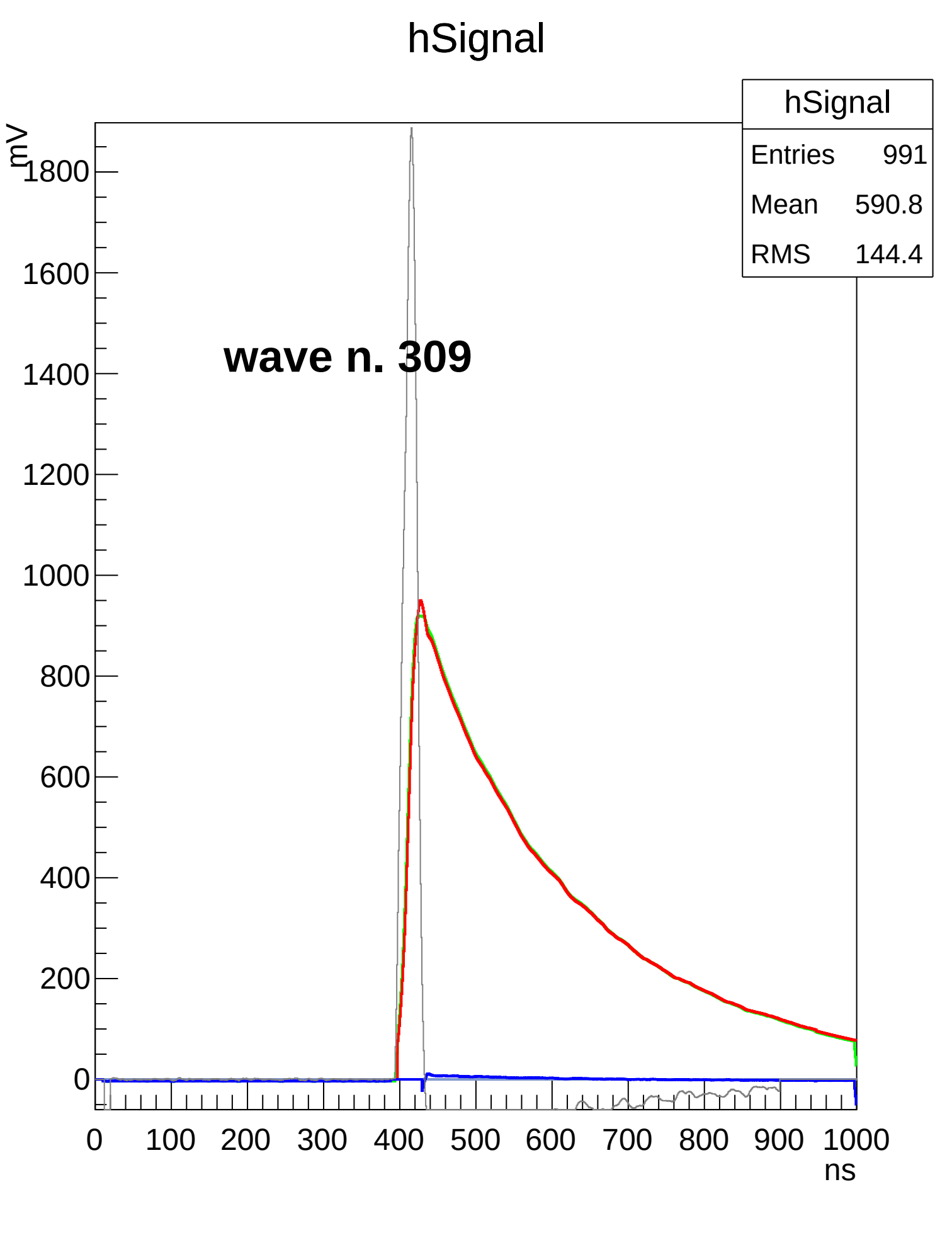
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 590.8
RMS 144.4
wave n. 309
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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800
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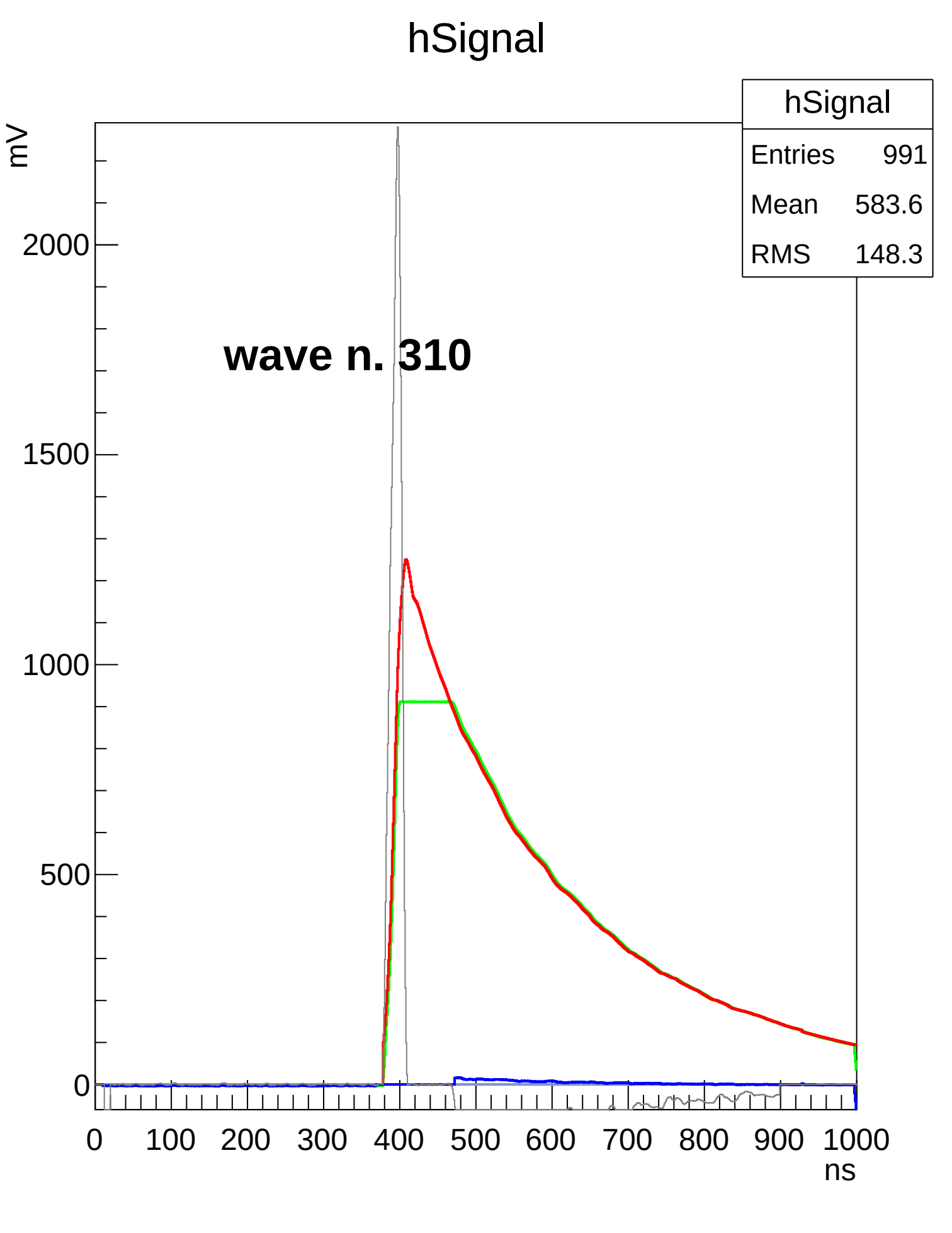
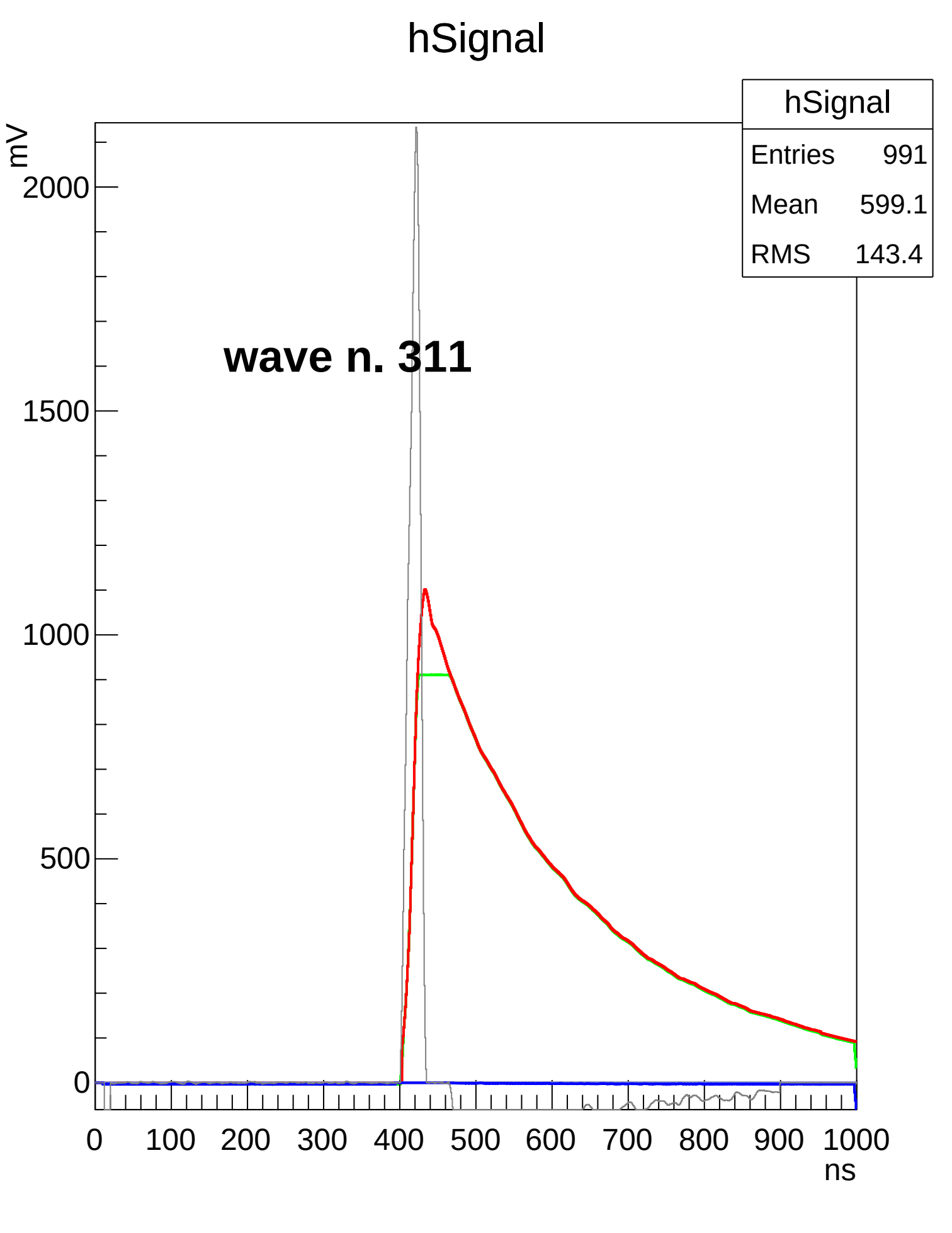
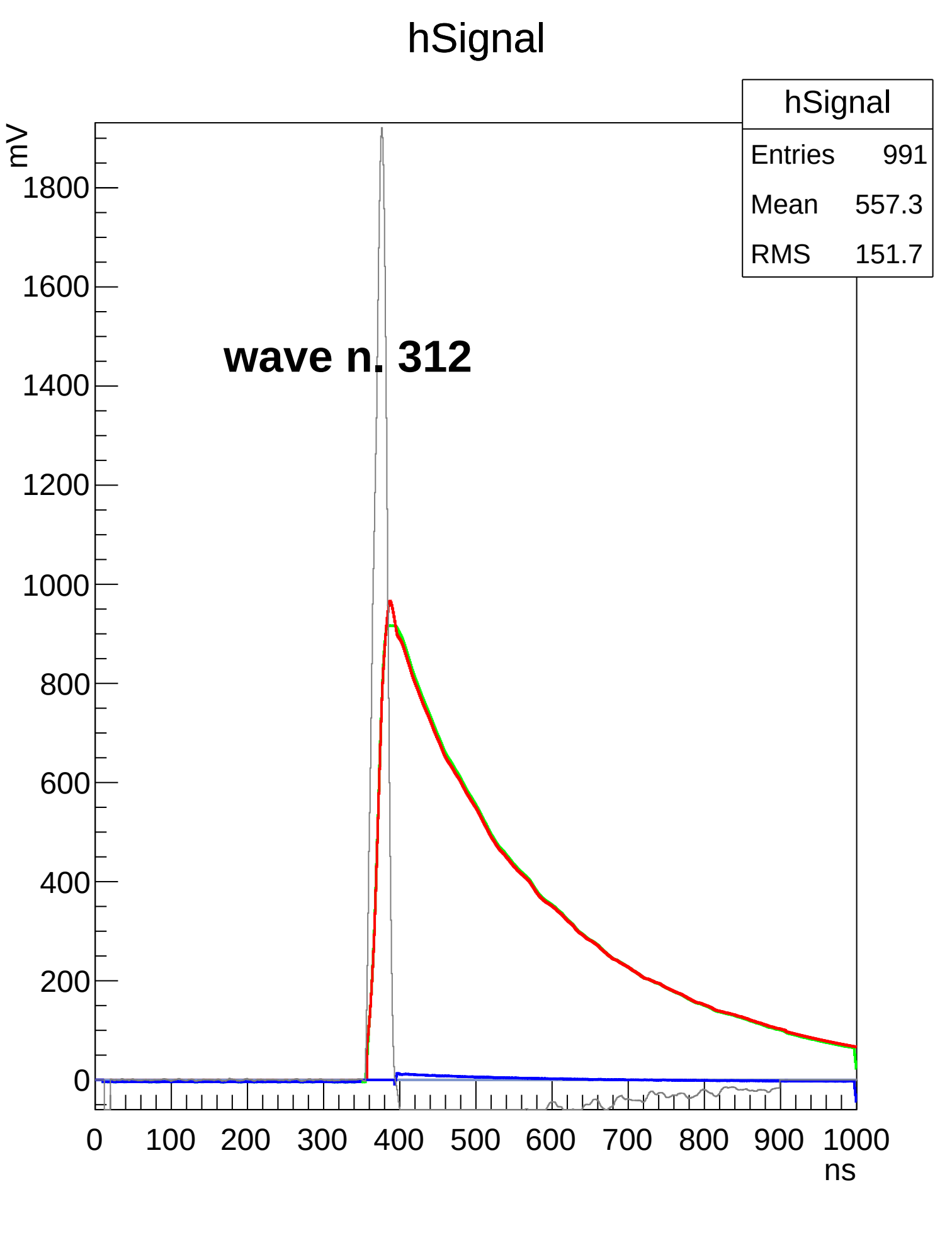
1000
ns


hSignal
hSignal
Entries 991
Mean 583.6
RMS 148.3
wave n. 310
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 599.1
RMS 143.4
wave n. 311
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 557.3
RMS 151.7
wave n. 312
mV
1800
1600
1400
1200
1000
800
600
400
200
0
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100
200
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400
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800
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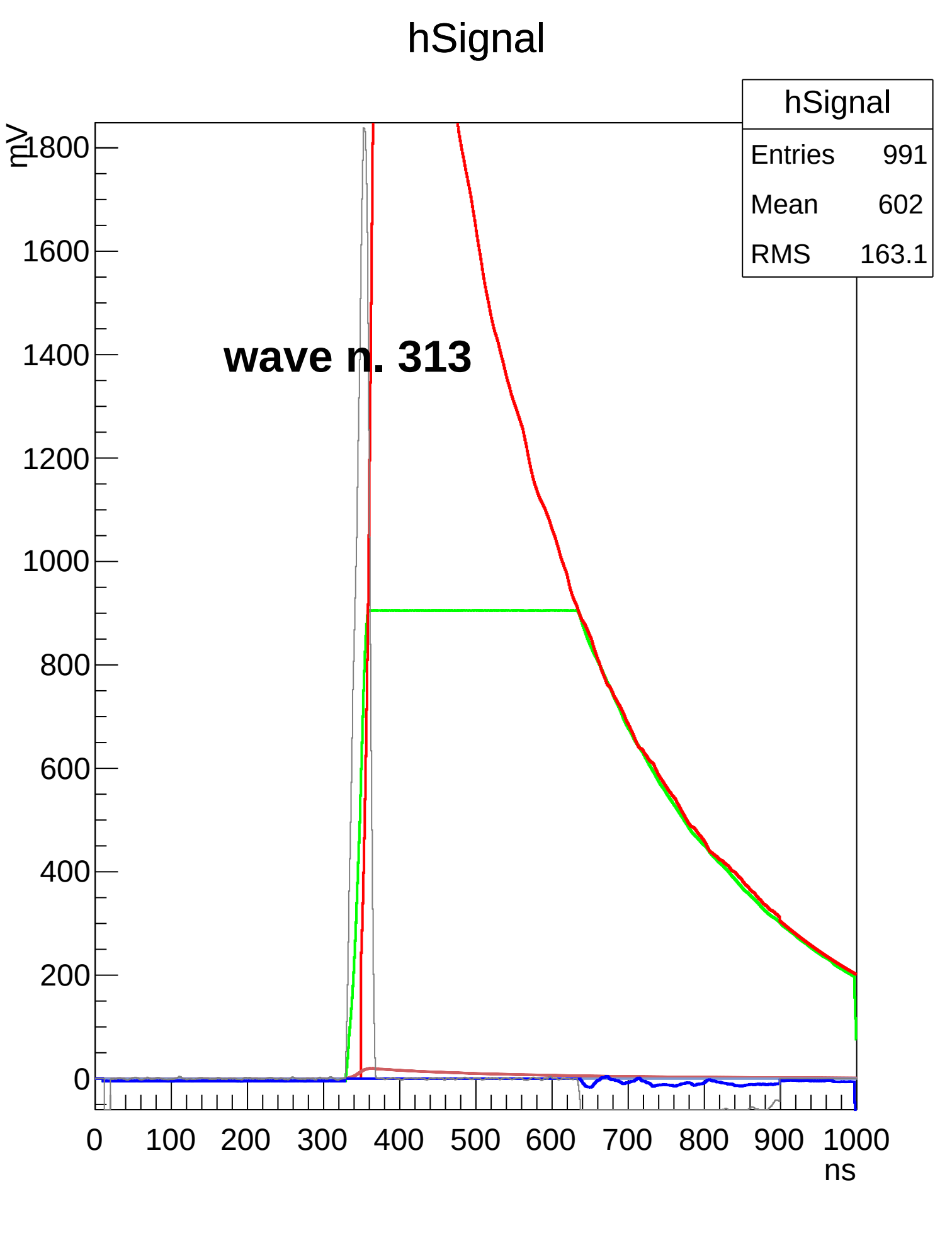
1000
ns


hSignal
hSignal
Entries 991
Mean 602
RMS 163.1
wave n. 313
mV
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1600
1400
1200
1000
800
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400
200
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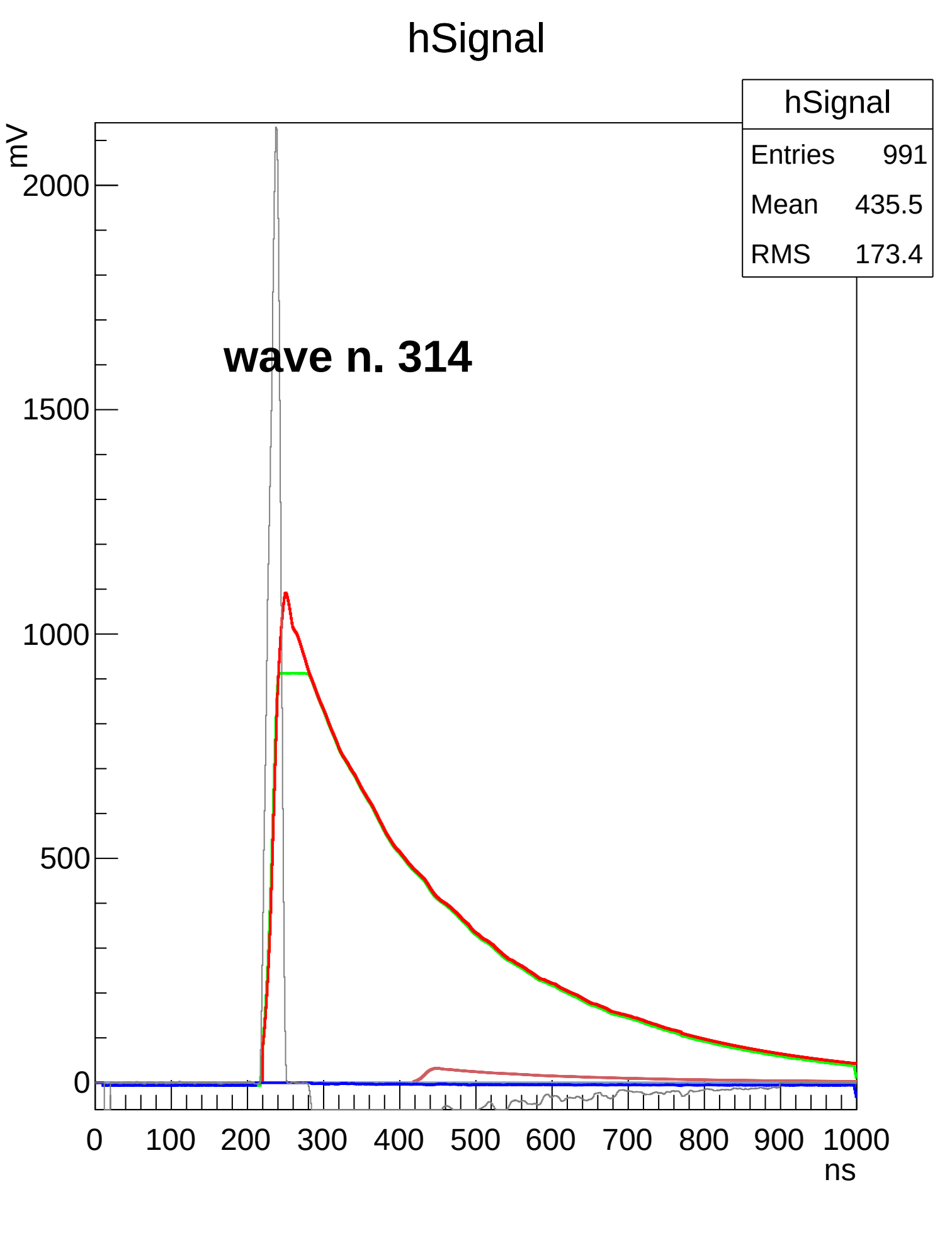
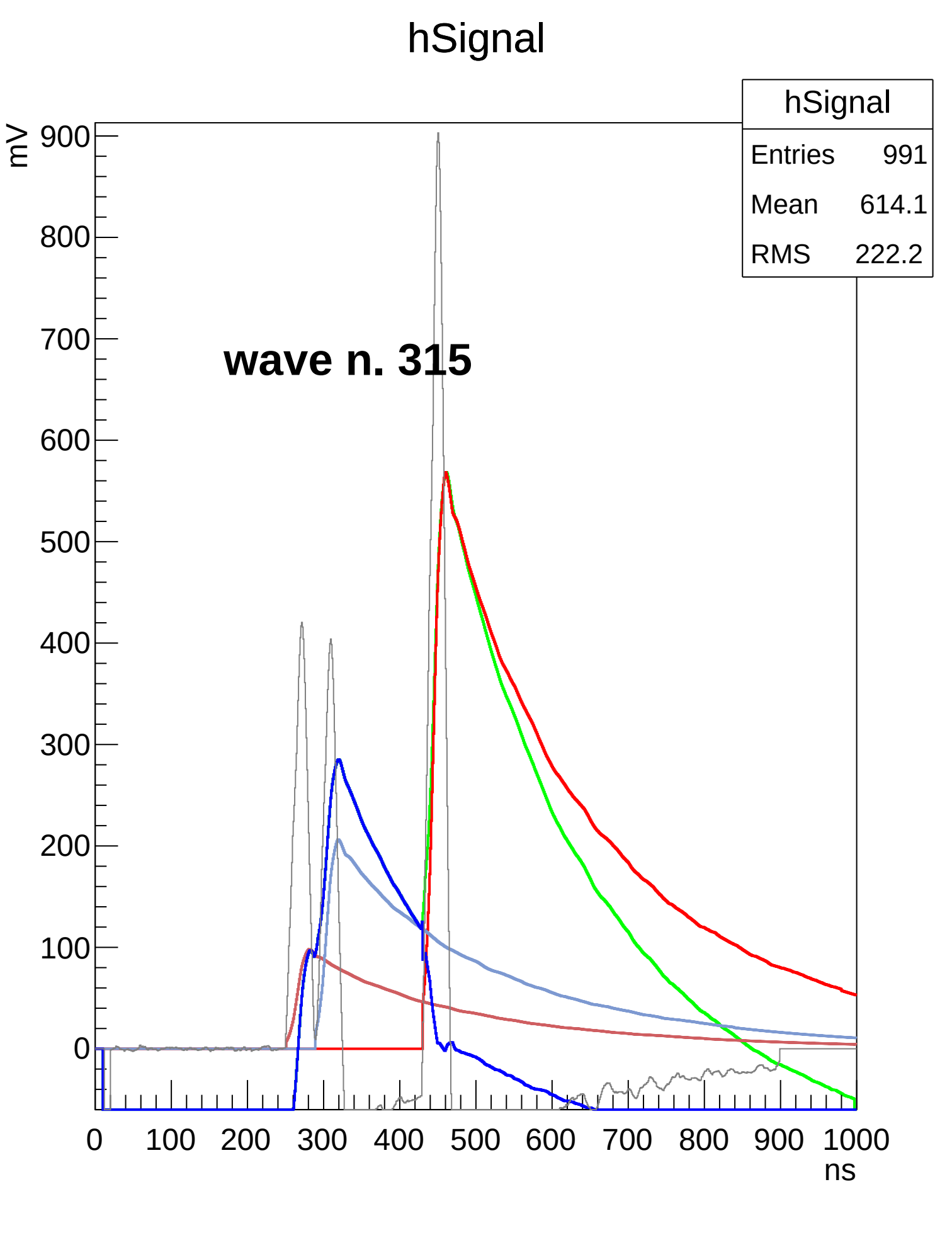
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 435.5
RMS 173.4
wave n. 314
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 614.1
RMS 222.2
wave n. 315
mV
900
800
700
600
500
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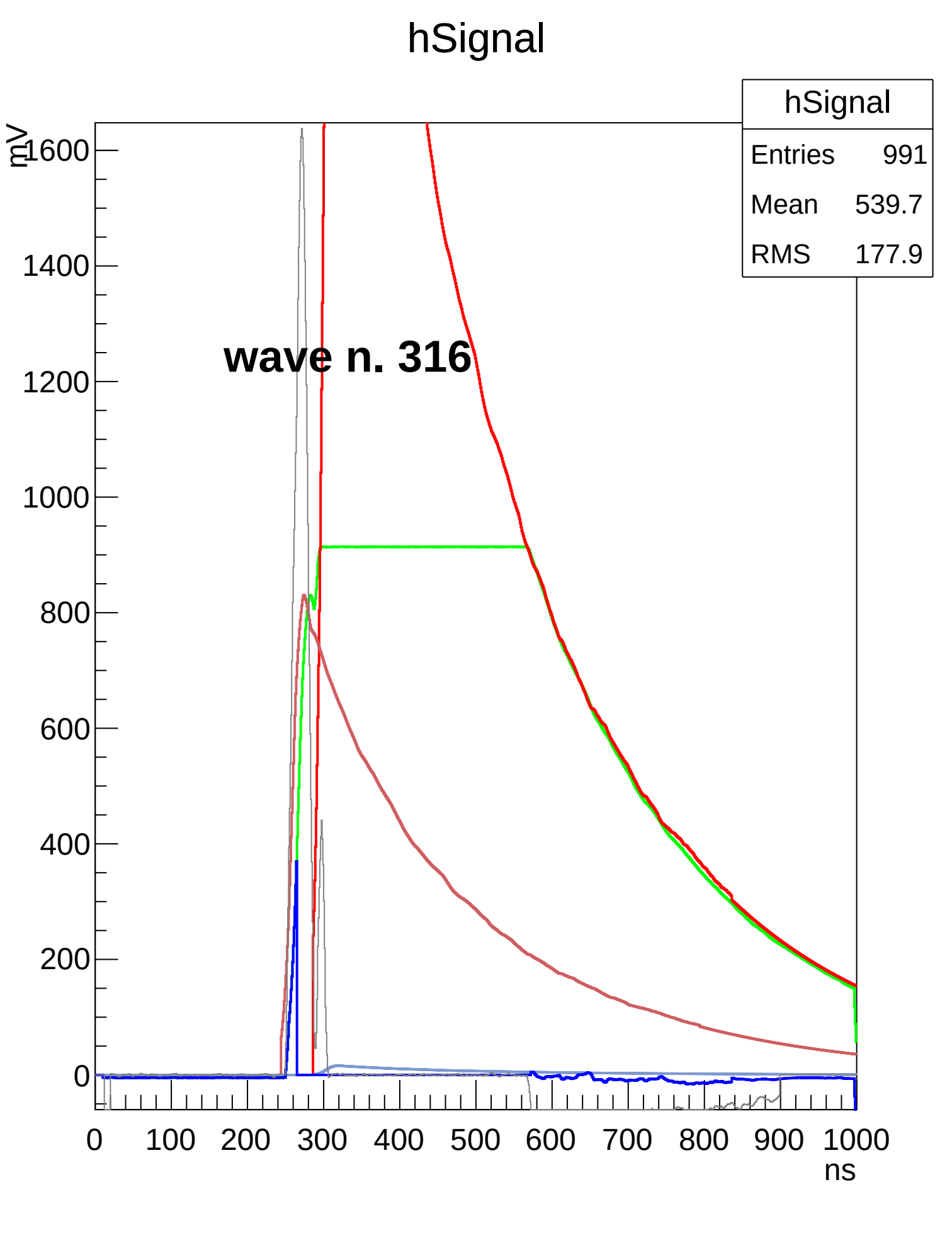
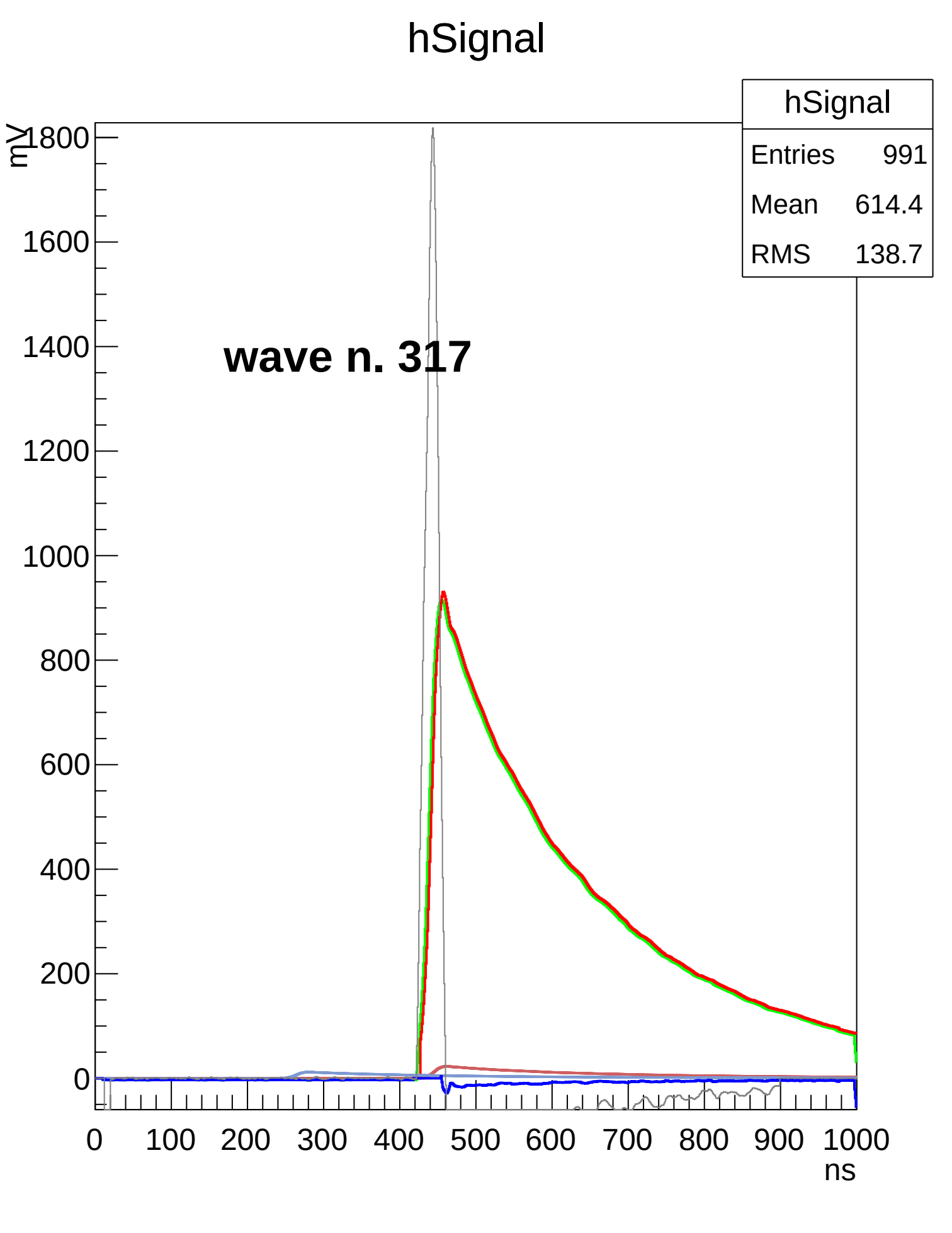
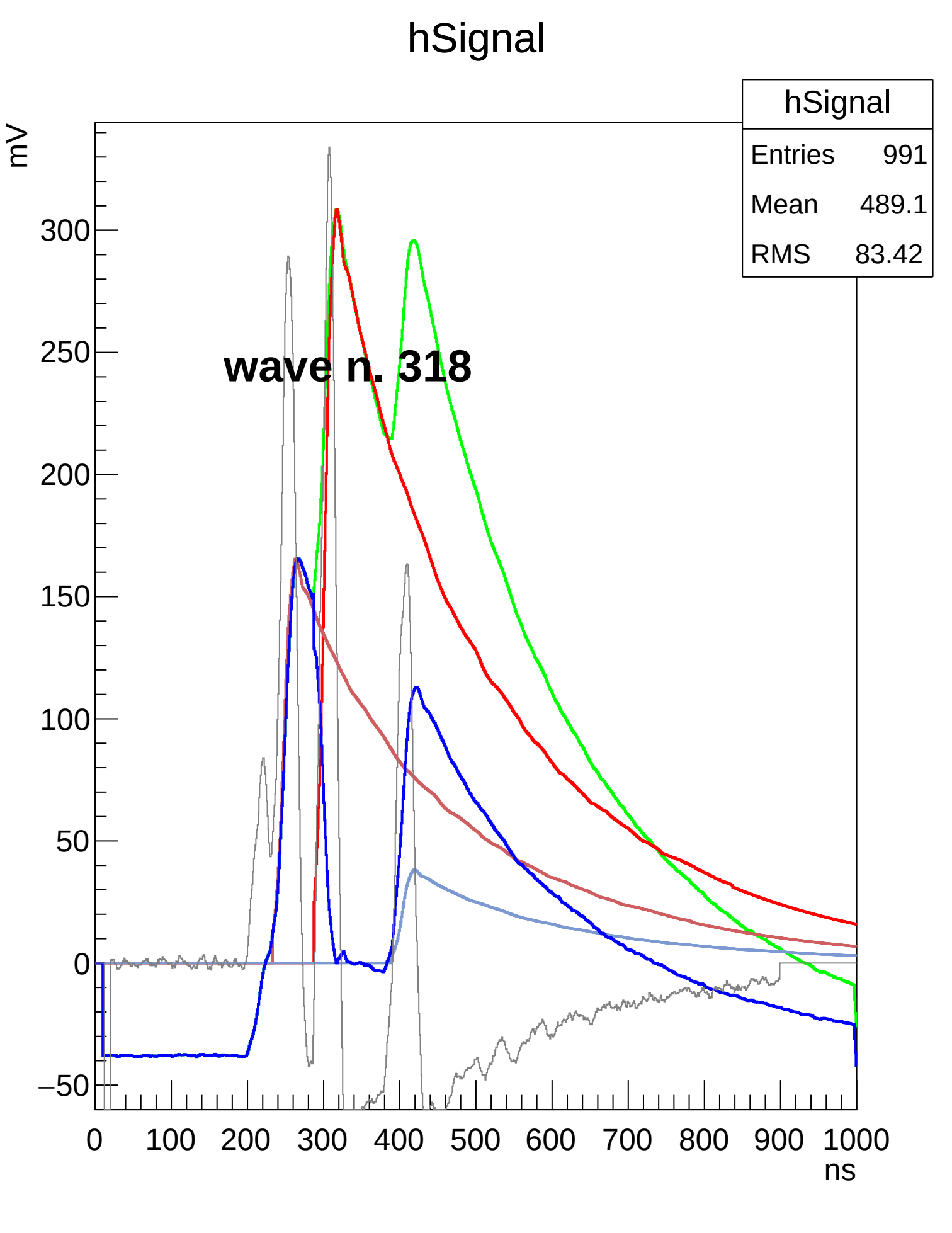
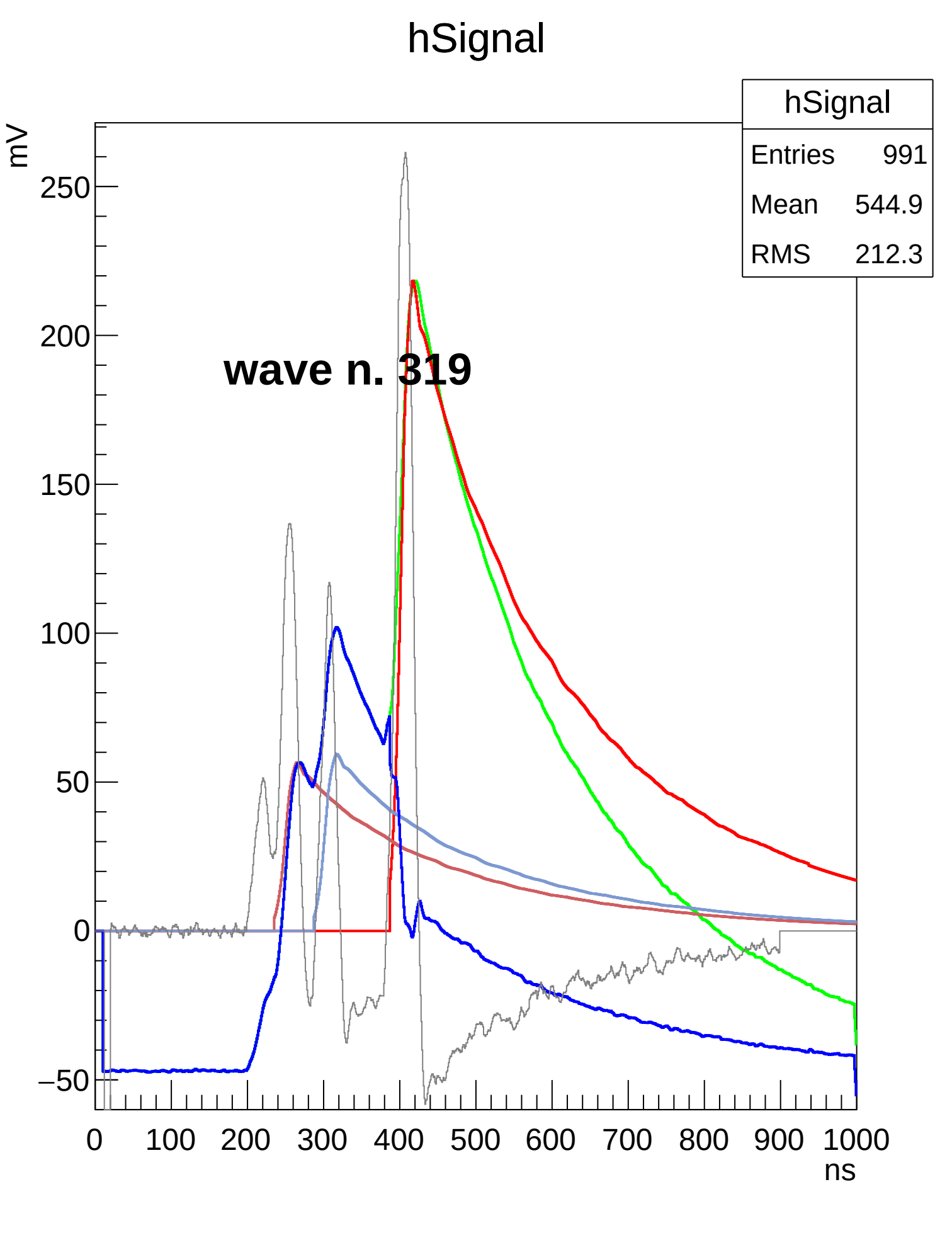
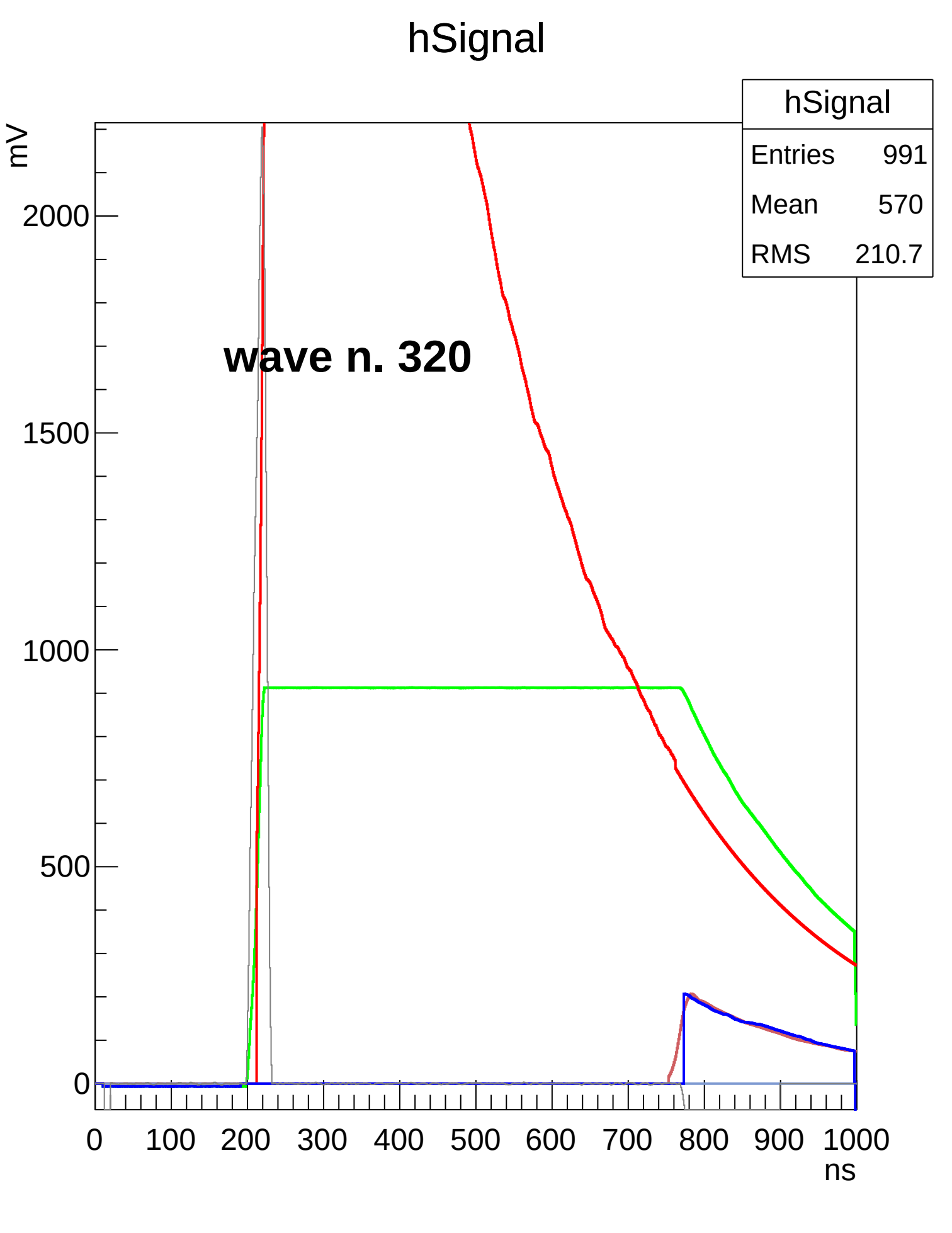
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns

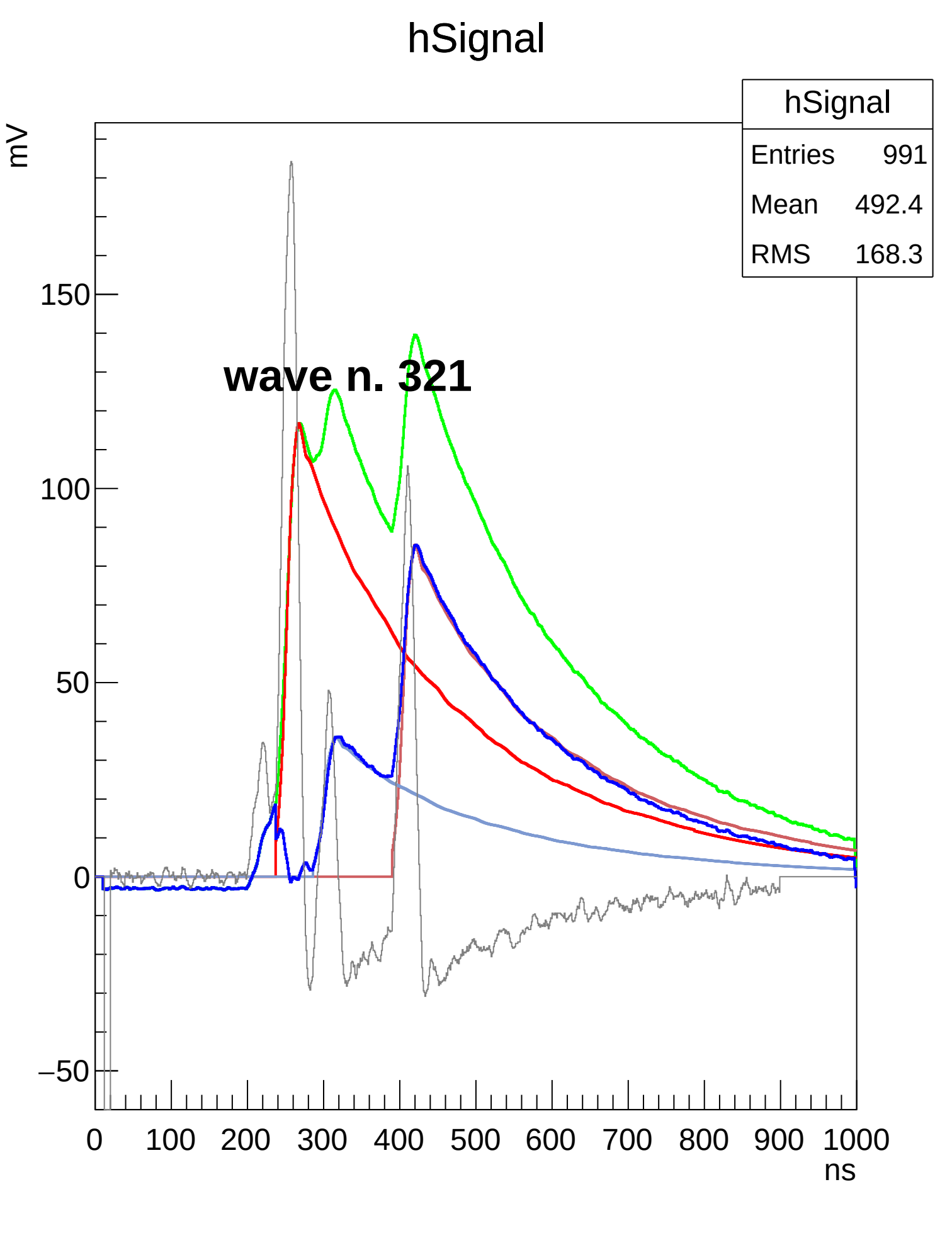

hSignal
hSignal
Entries 991
Mean 539.7
RMS 177.9
wave n. 316
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

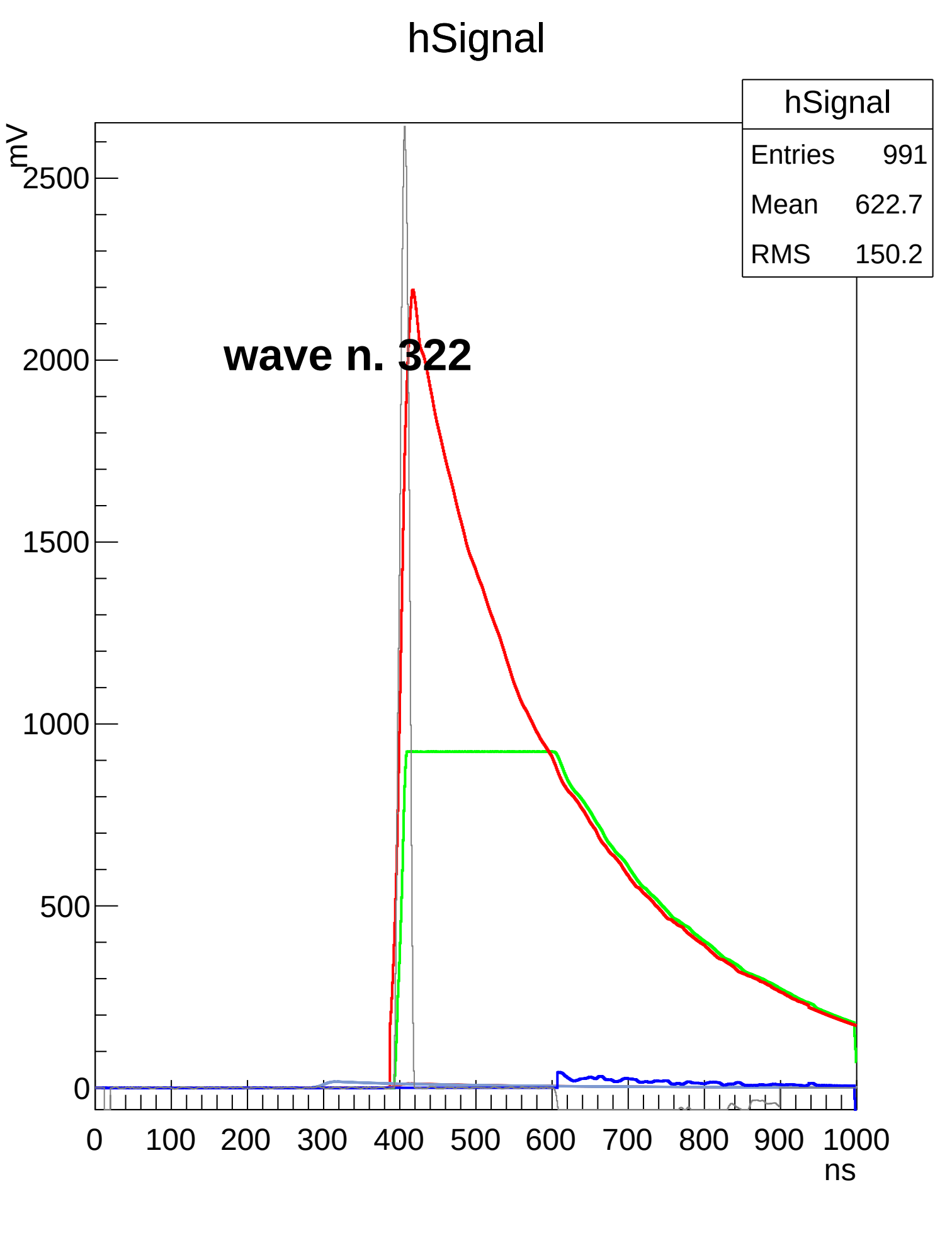

hSignal
hSignal
Entries 991
Mean 614.4
RMS 138.7
wave n. 317
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

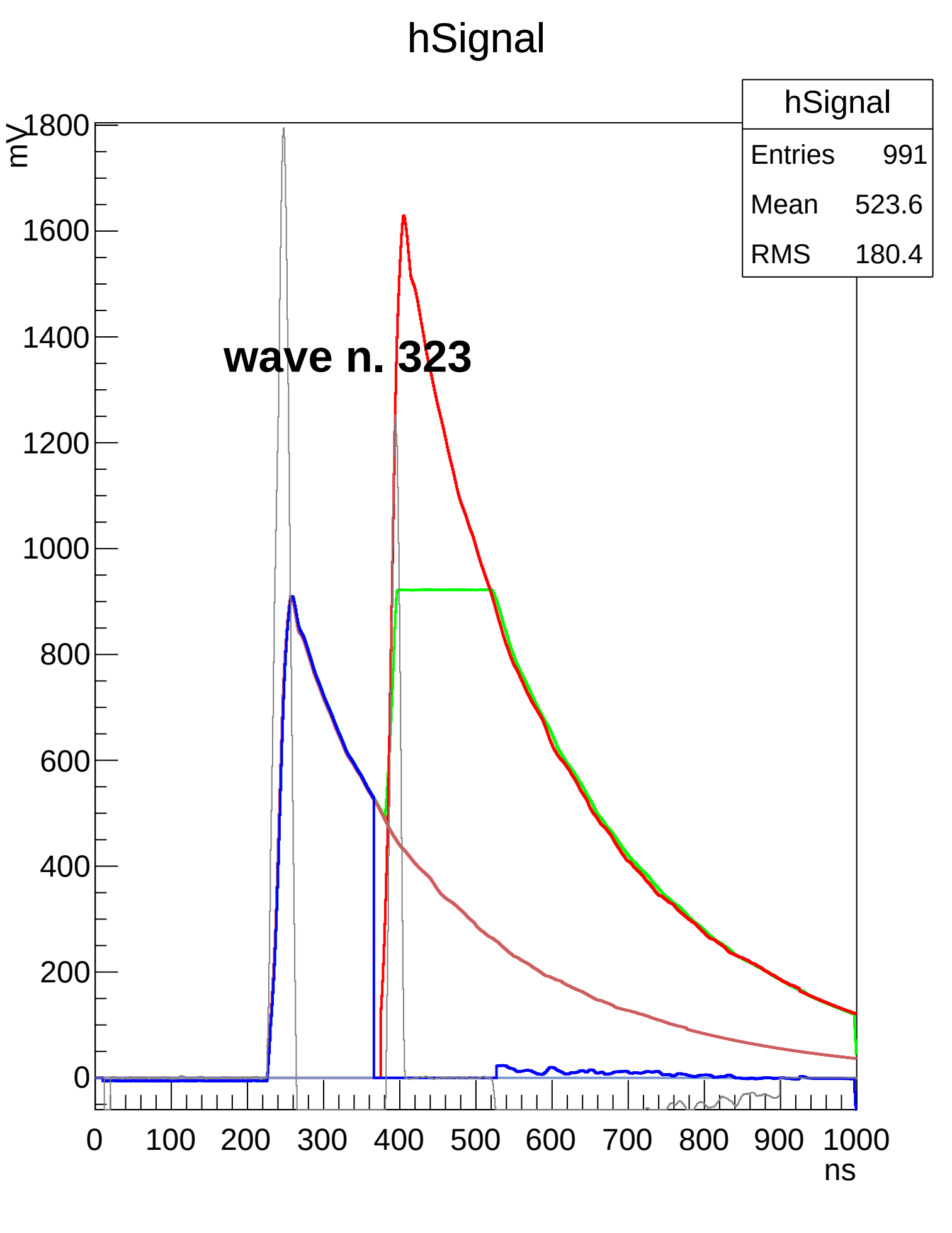

hSignal
hSignal
Entries 991
Mean 489.1
RMS 83.42
wave n. 318
mV
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

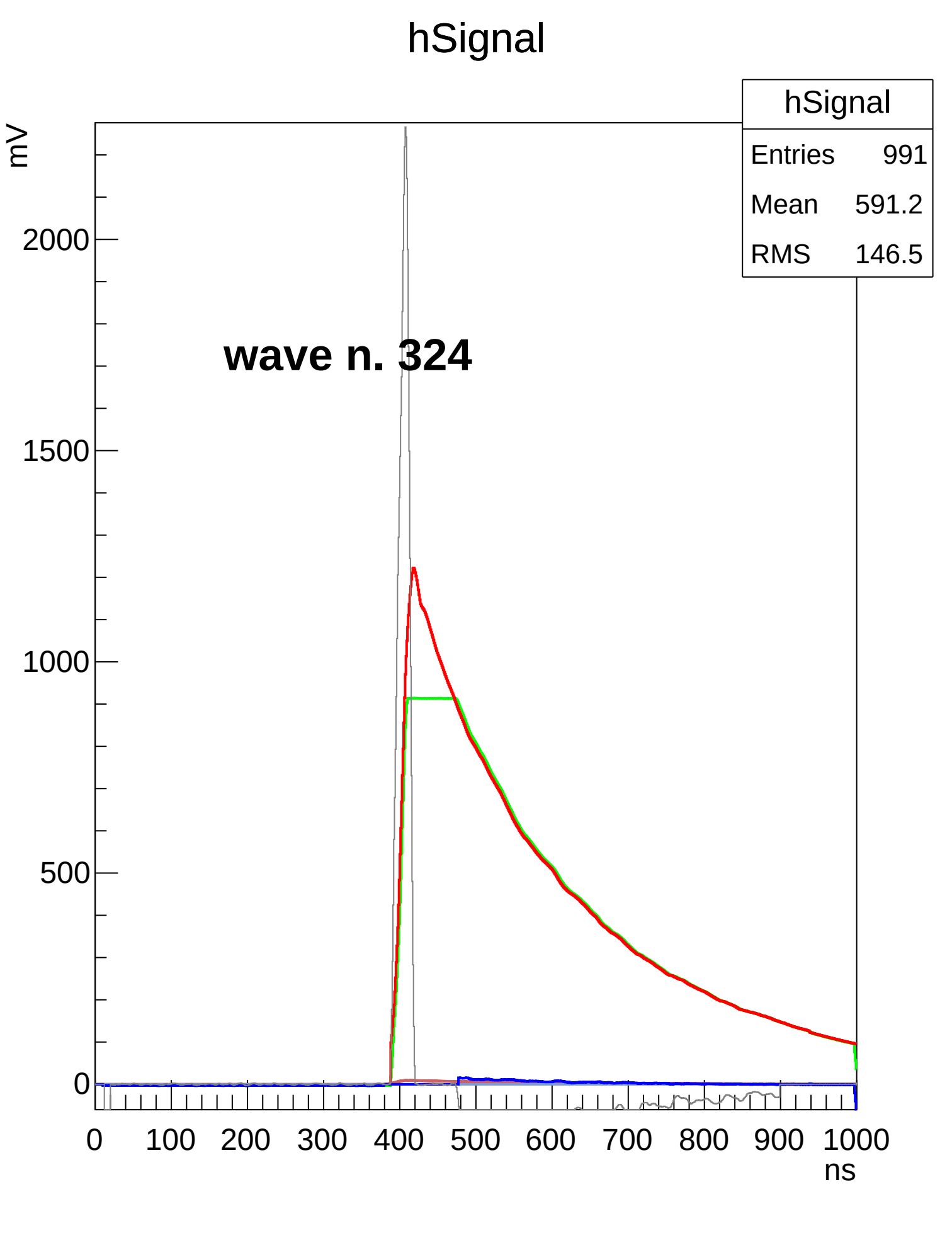

hSignal
hSignal
Entries 991
Mean 544.9
RMS 212.3
wave n. 319
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

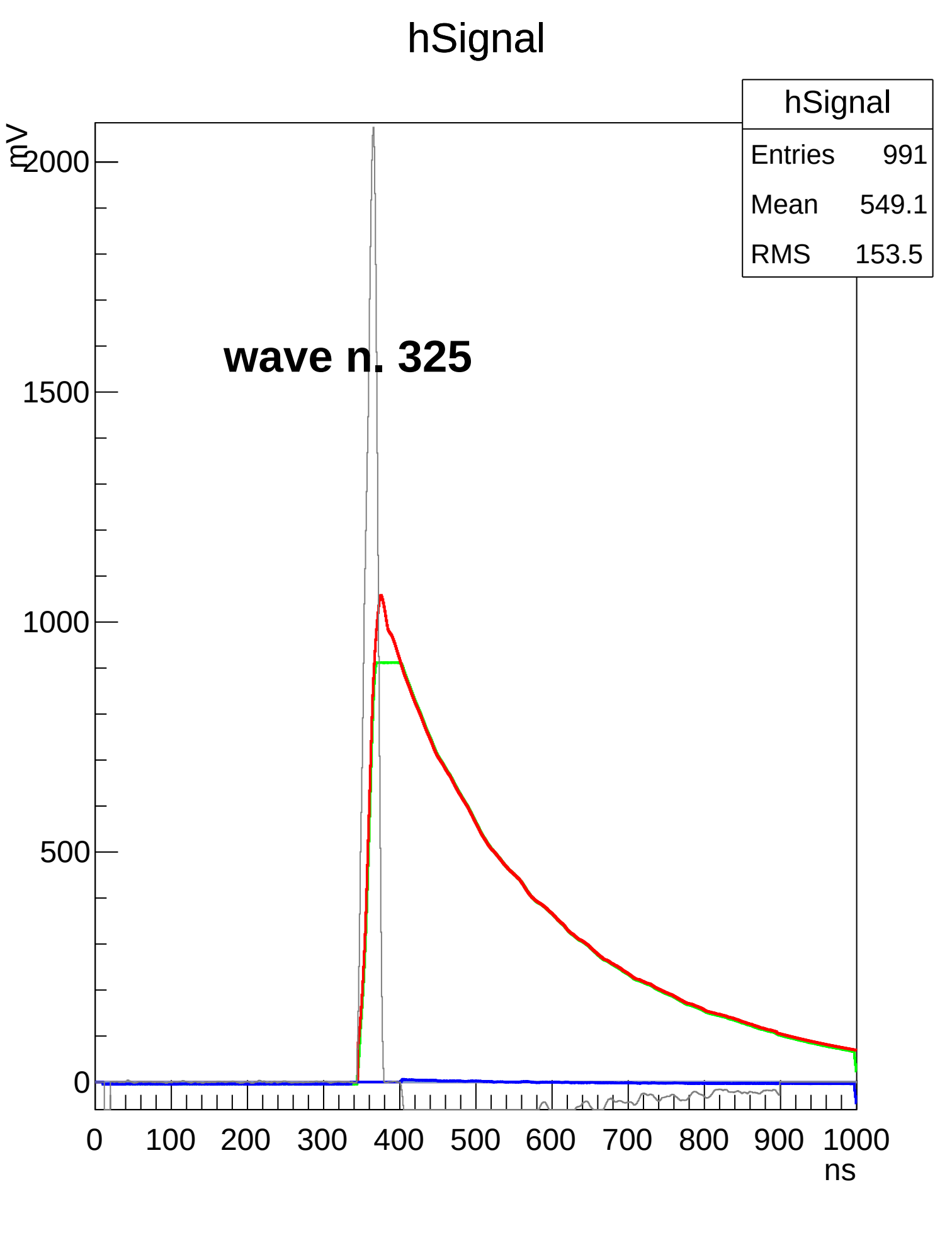

hSignal
hSignal
Entries 991
Mean 570
RMS 210.7
wave n. 320
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

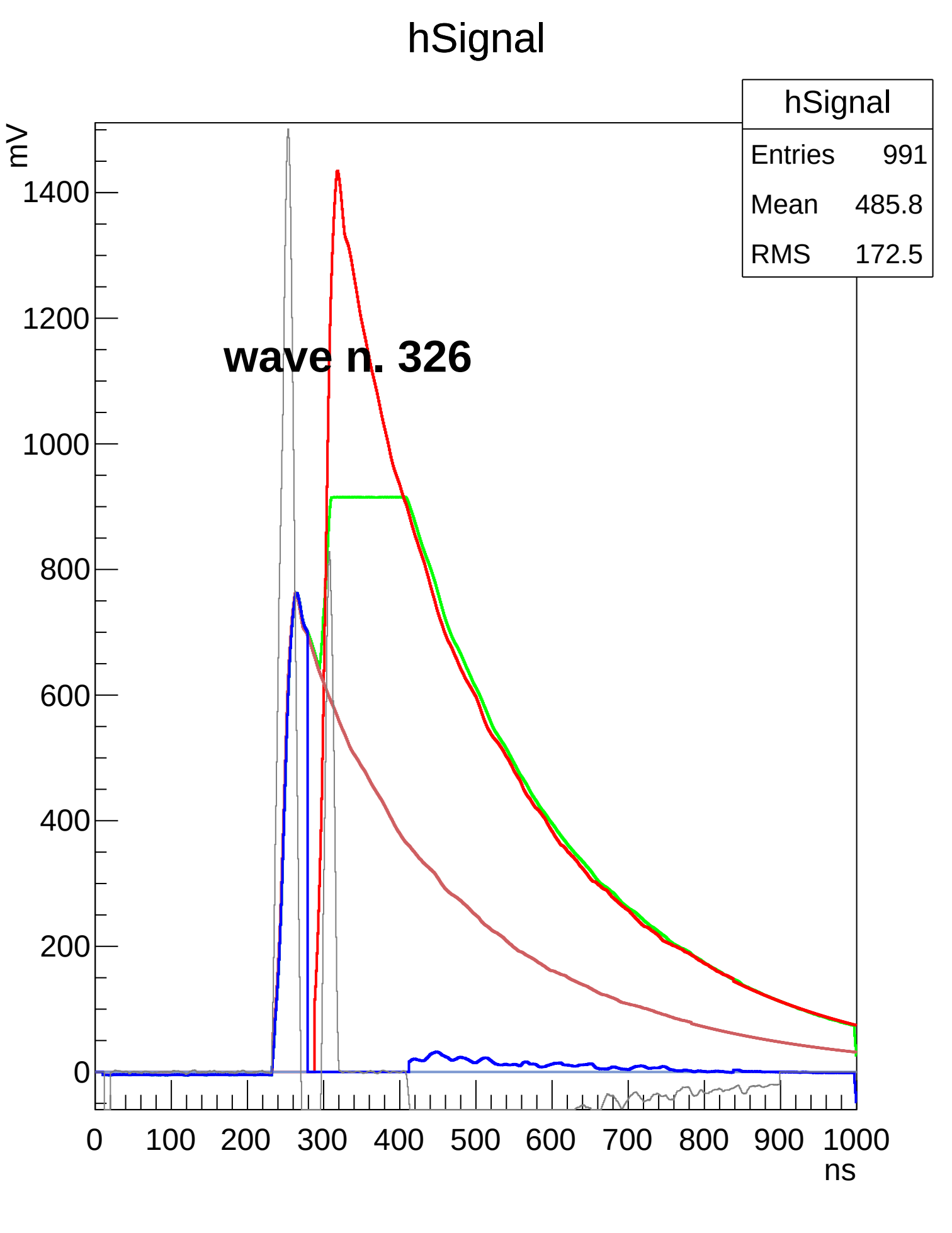

hSignal
hSignal
Entries 991
Mean 492.4
RMS 168.3
wave n. 321
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

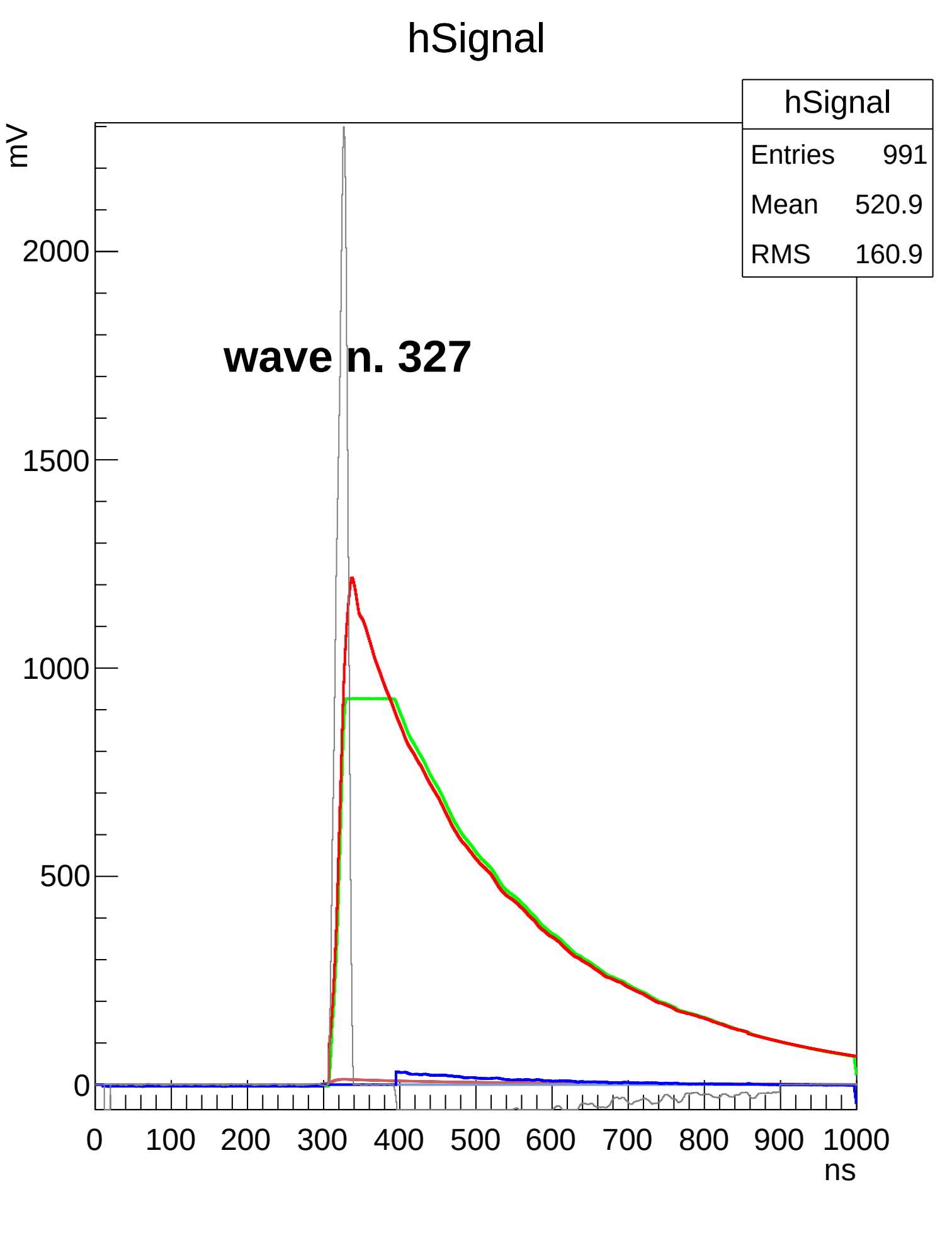

hSignal
hSignal
Entries 991
Mean 622.7
RMS 150.2
wave n. 322
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

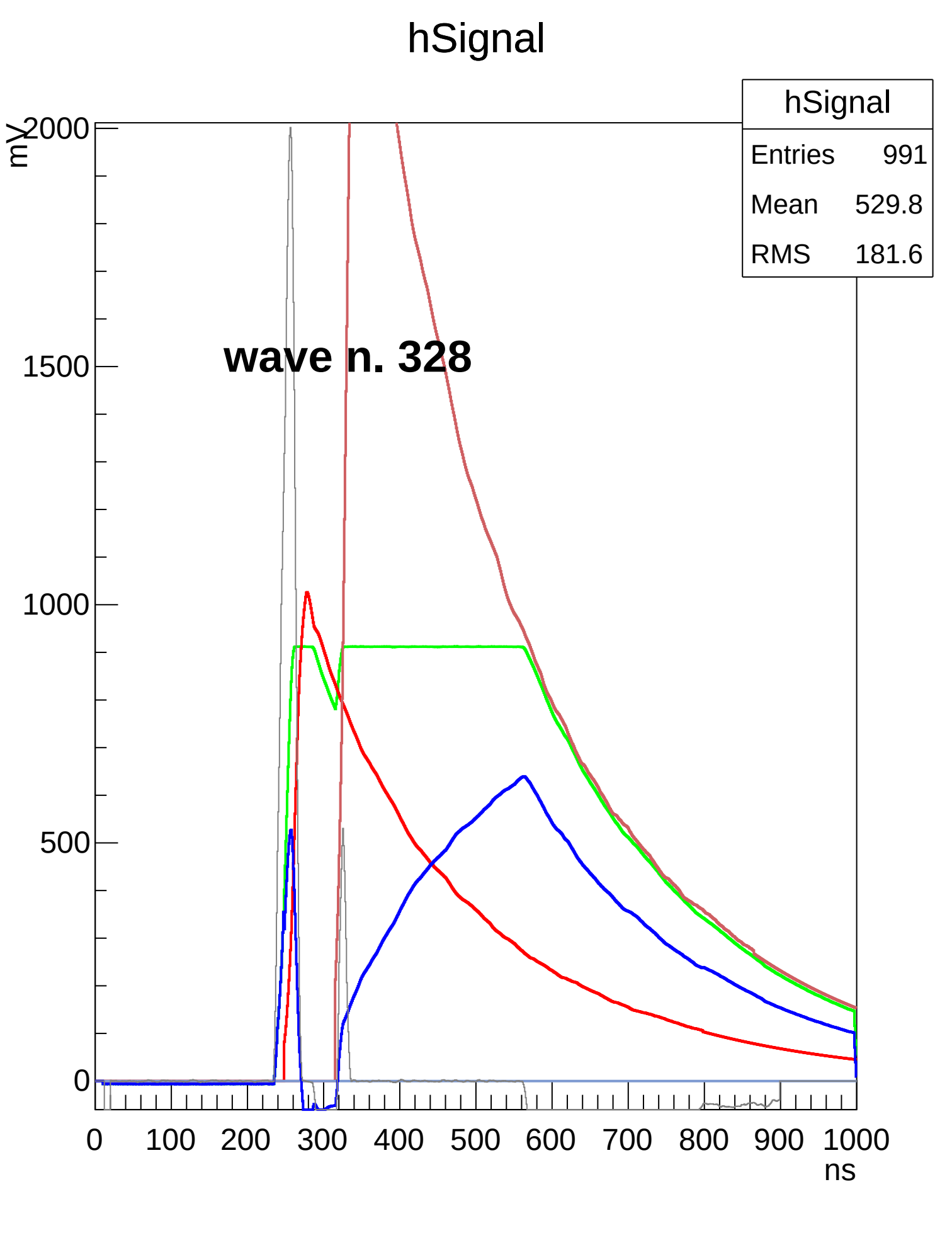

hSignal
hSignal
Entries 991
Mean 523.6
RMS 180.4
wave n. 323
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

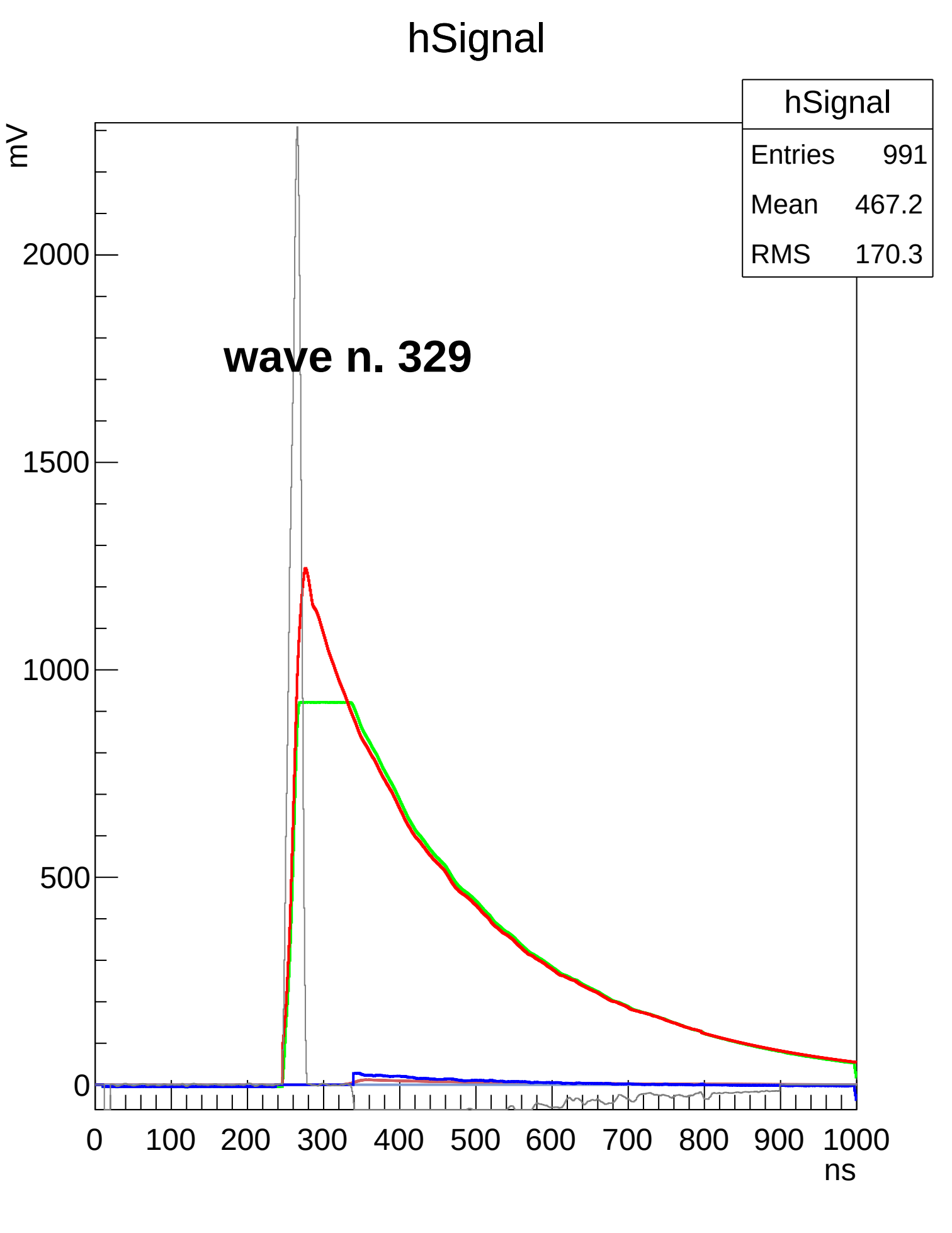

hSignal
hSignal
Entries 991
Mean 591.2
RMS 146.5
wave n. 324
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

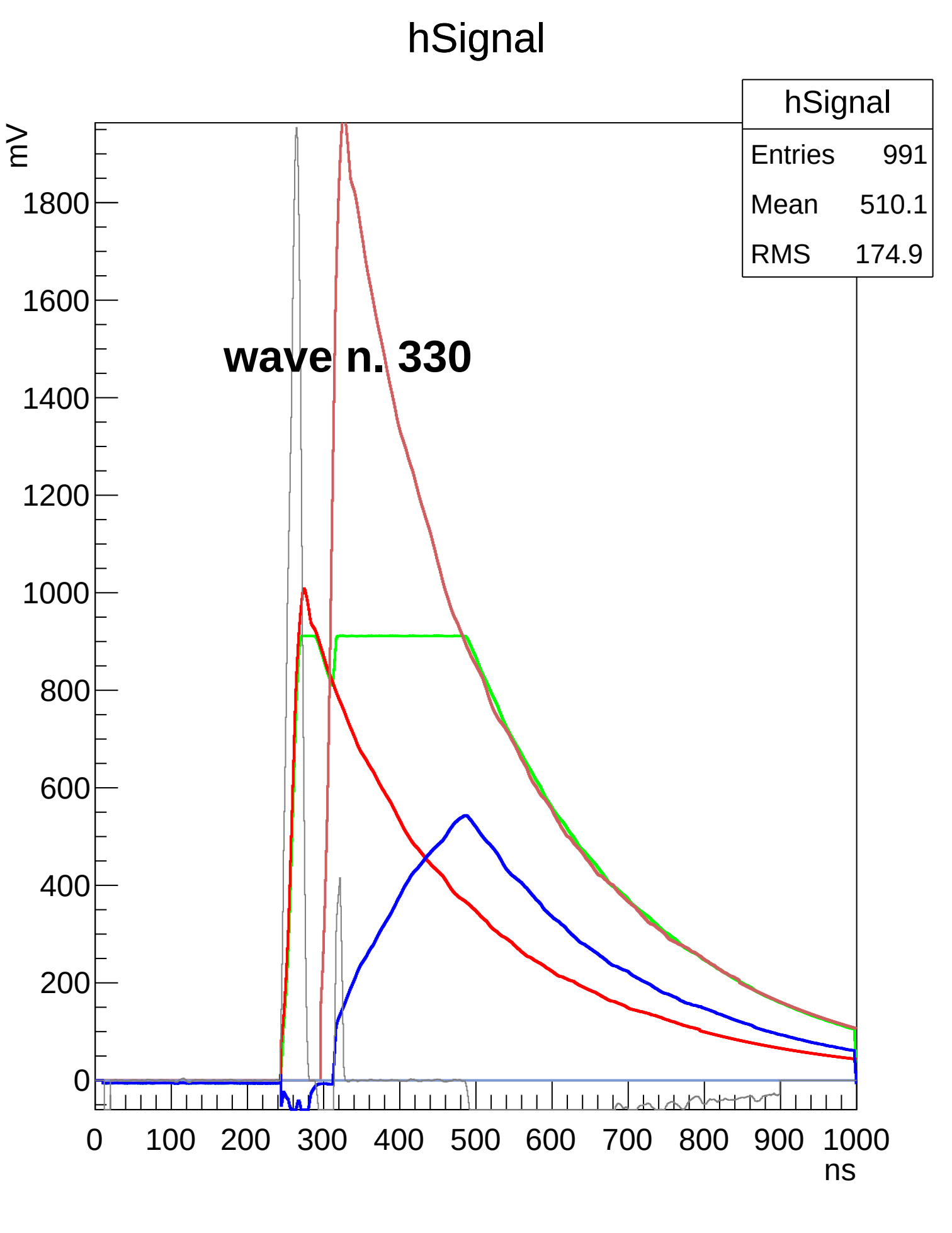

hSignal
hSignal
Entries 991
Mean 549.1
RMS 153.5
wave n. 325
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

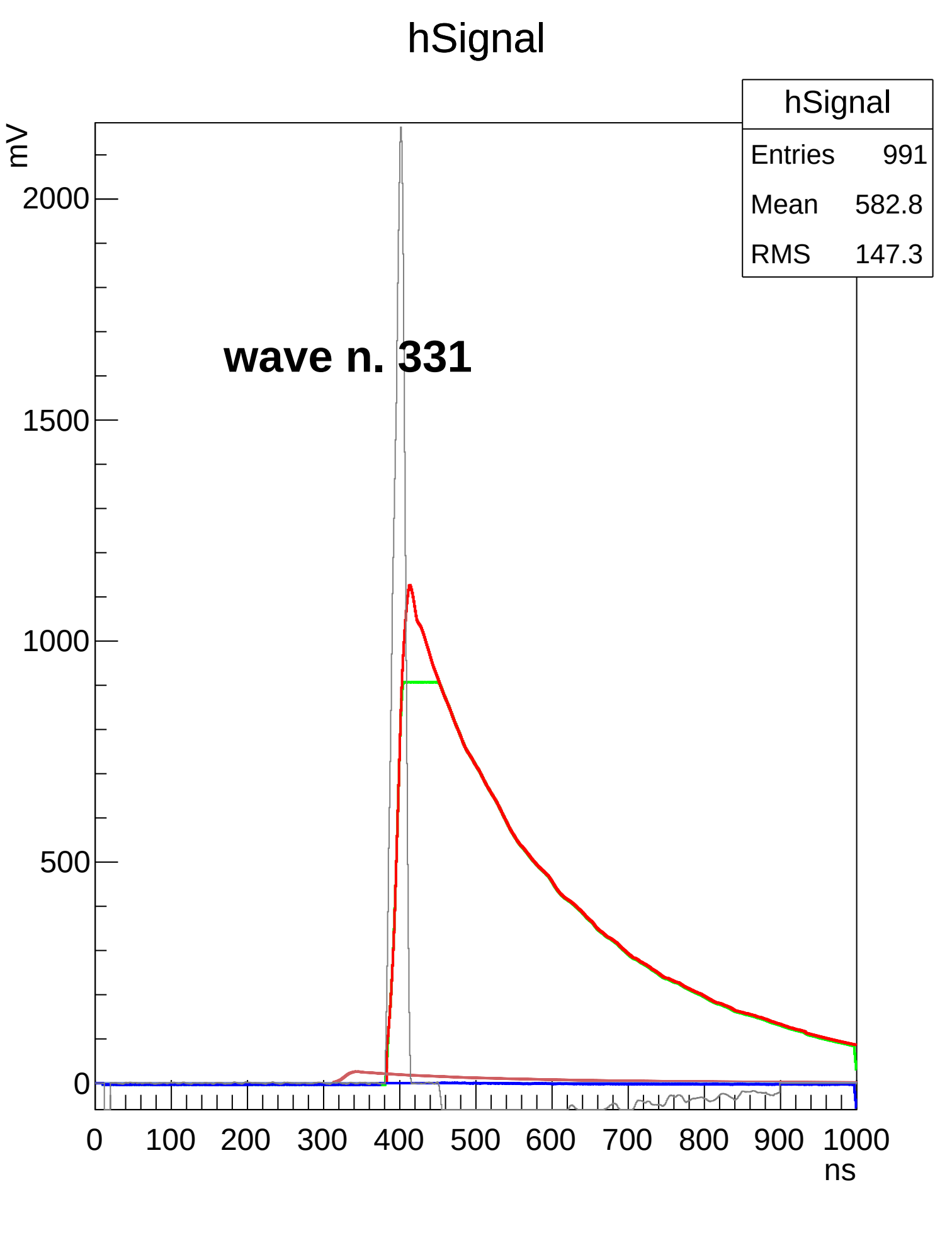

hSignal
hSignal
Entries 991
Mean 485.8
RMS 172.5
wave n. 326
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

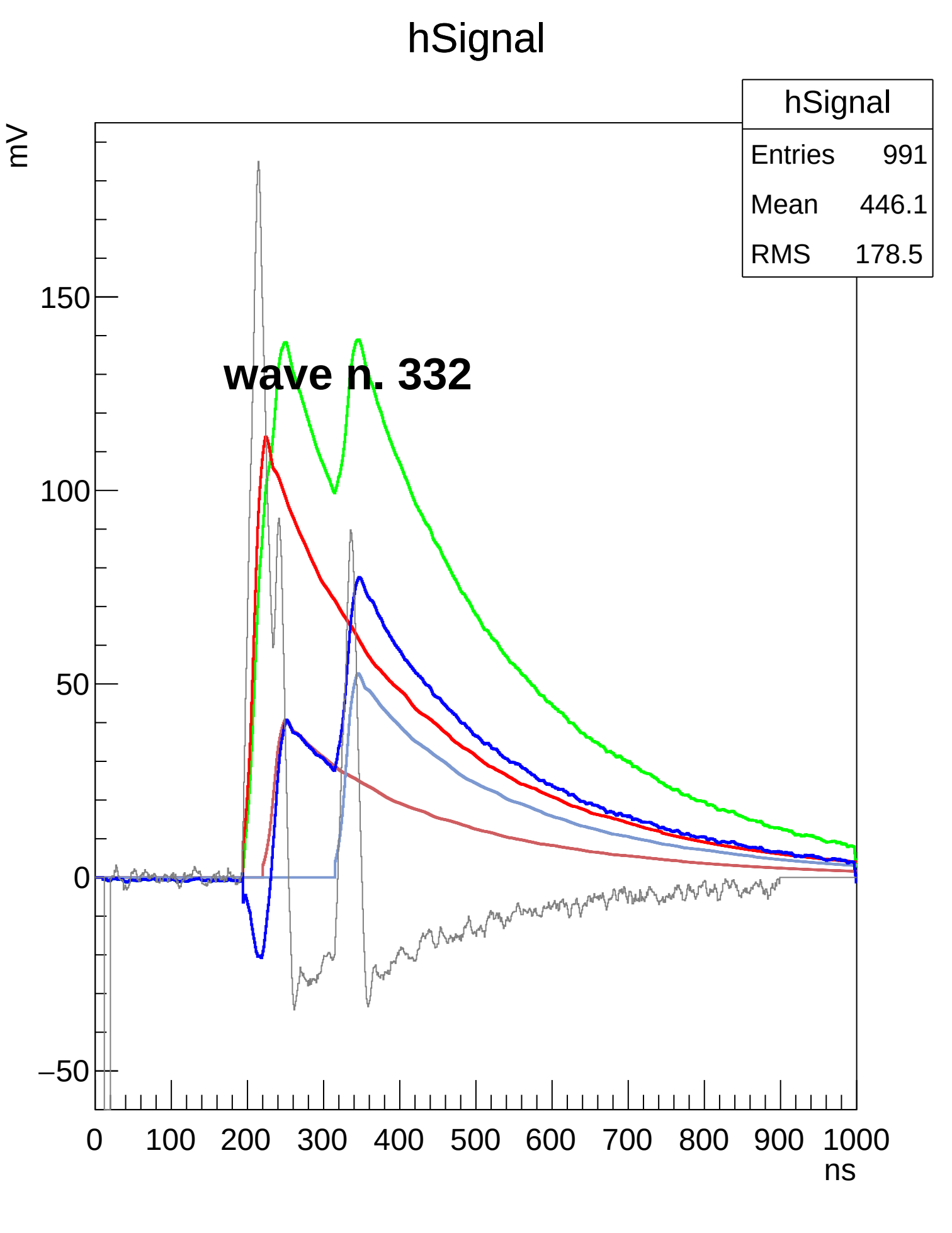

hSignal
hSignal
Entries 991
Mean 520.9
RMS 160.9
wave n. 327
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 529.8
RMS 181.6
wave n. 328
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 467.2
RMS 170.3
wave n. 329
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 510.1
RMS 174.9
wave n. 330
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 582.8
RMS 147.3
wave n. 331
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 446.1
RMS 178.5
wave n. 332
mV
150
100
50
0
−50
0
100
200
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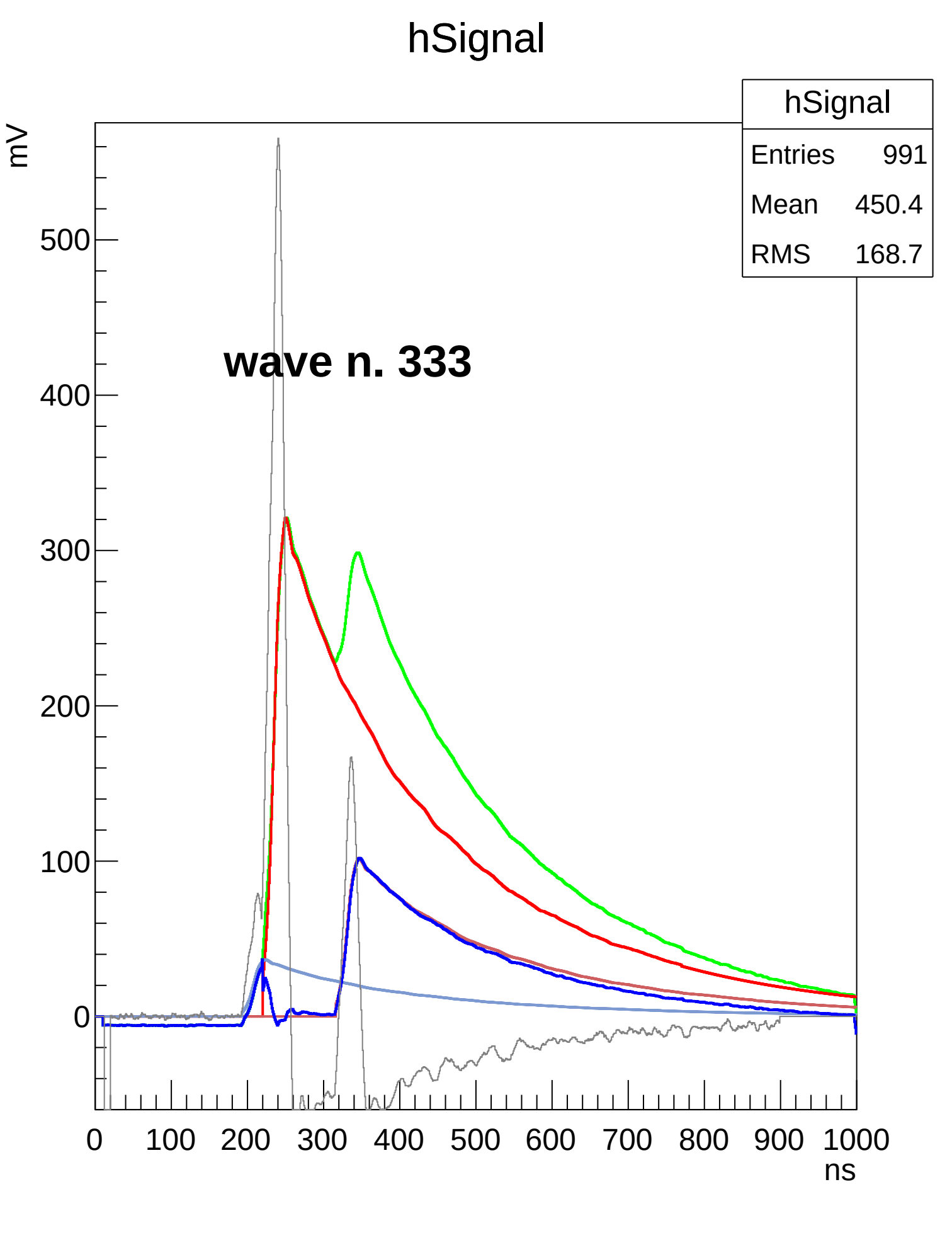
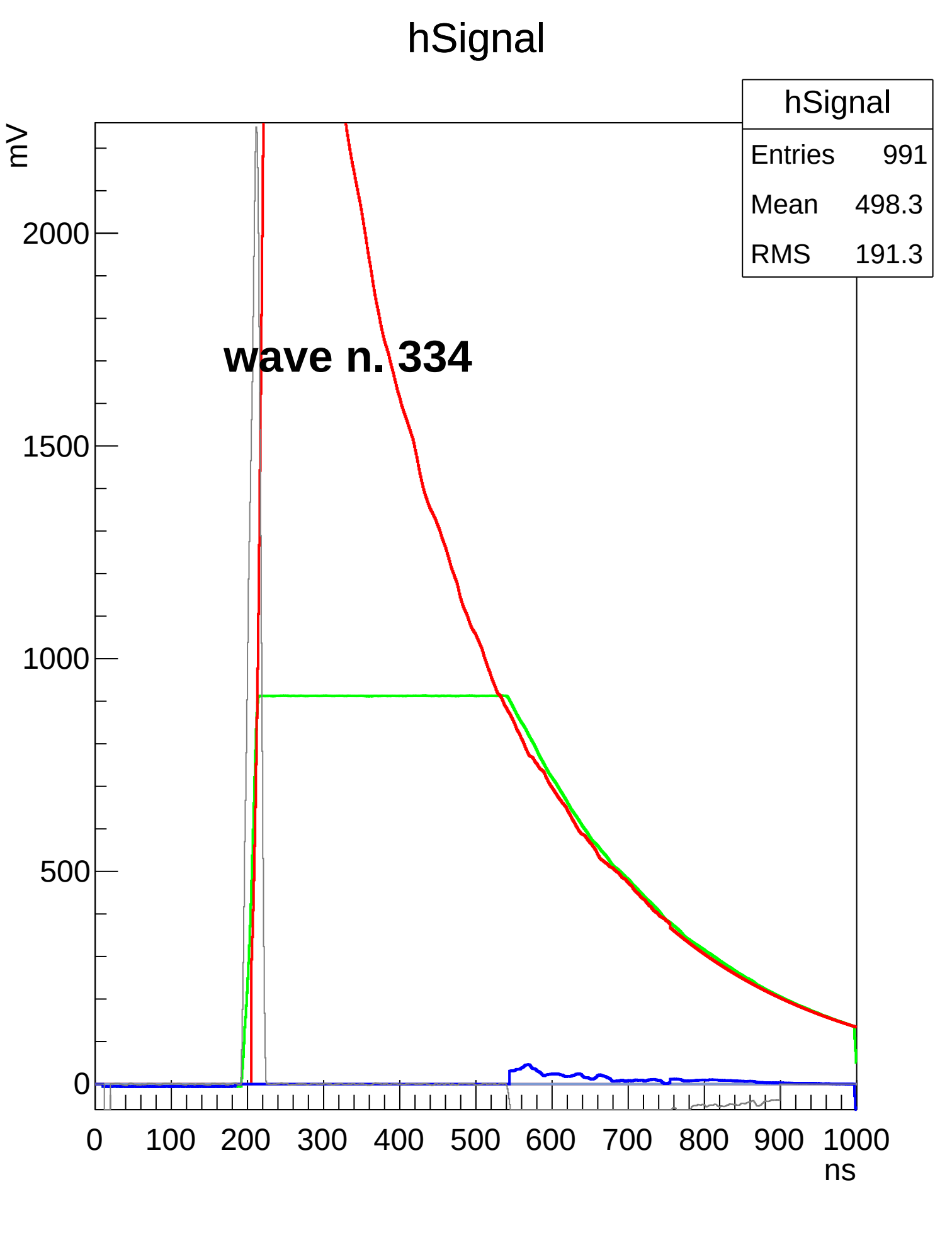
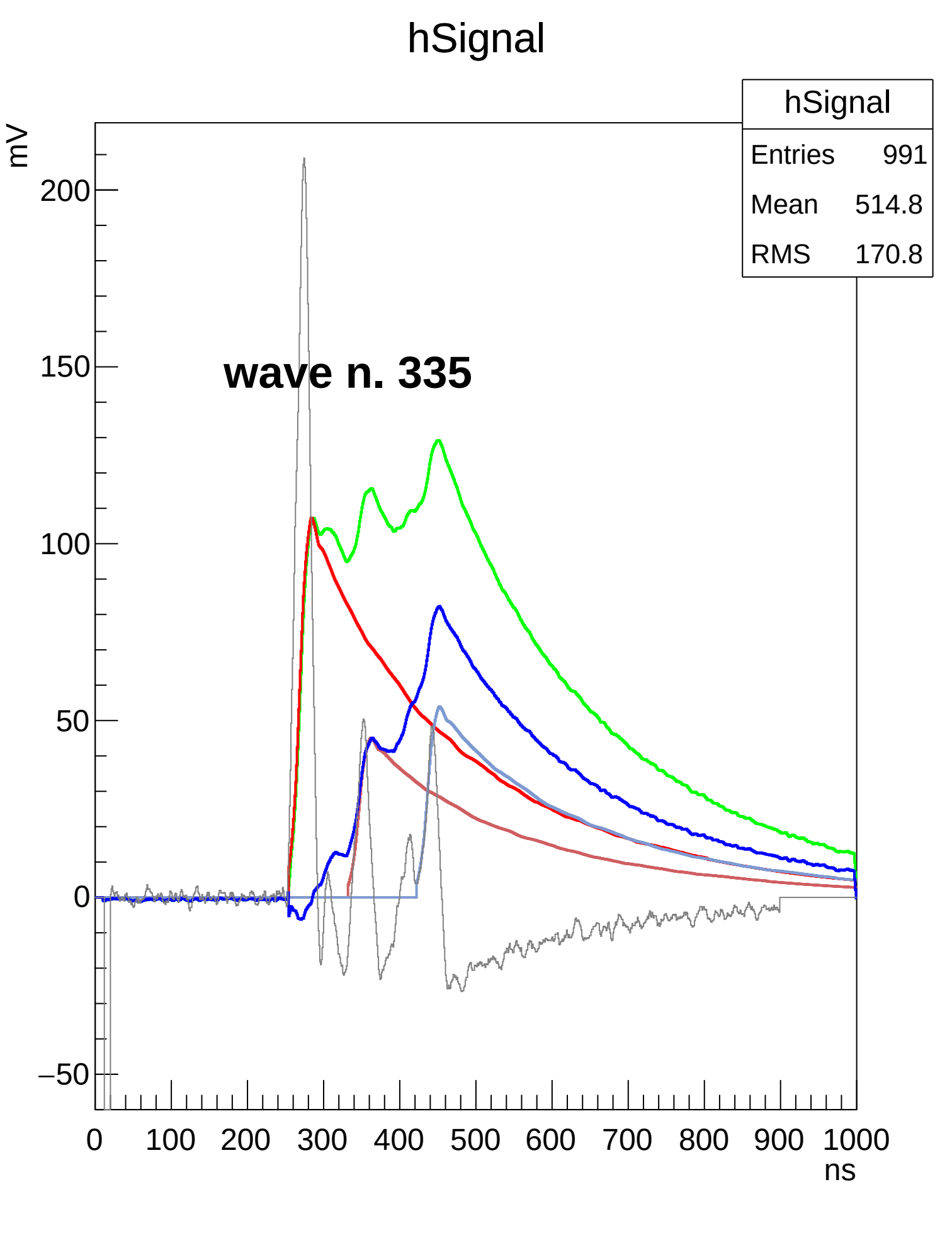
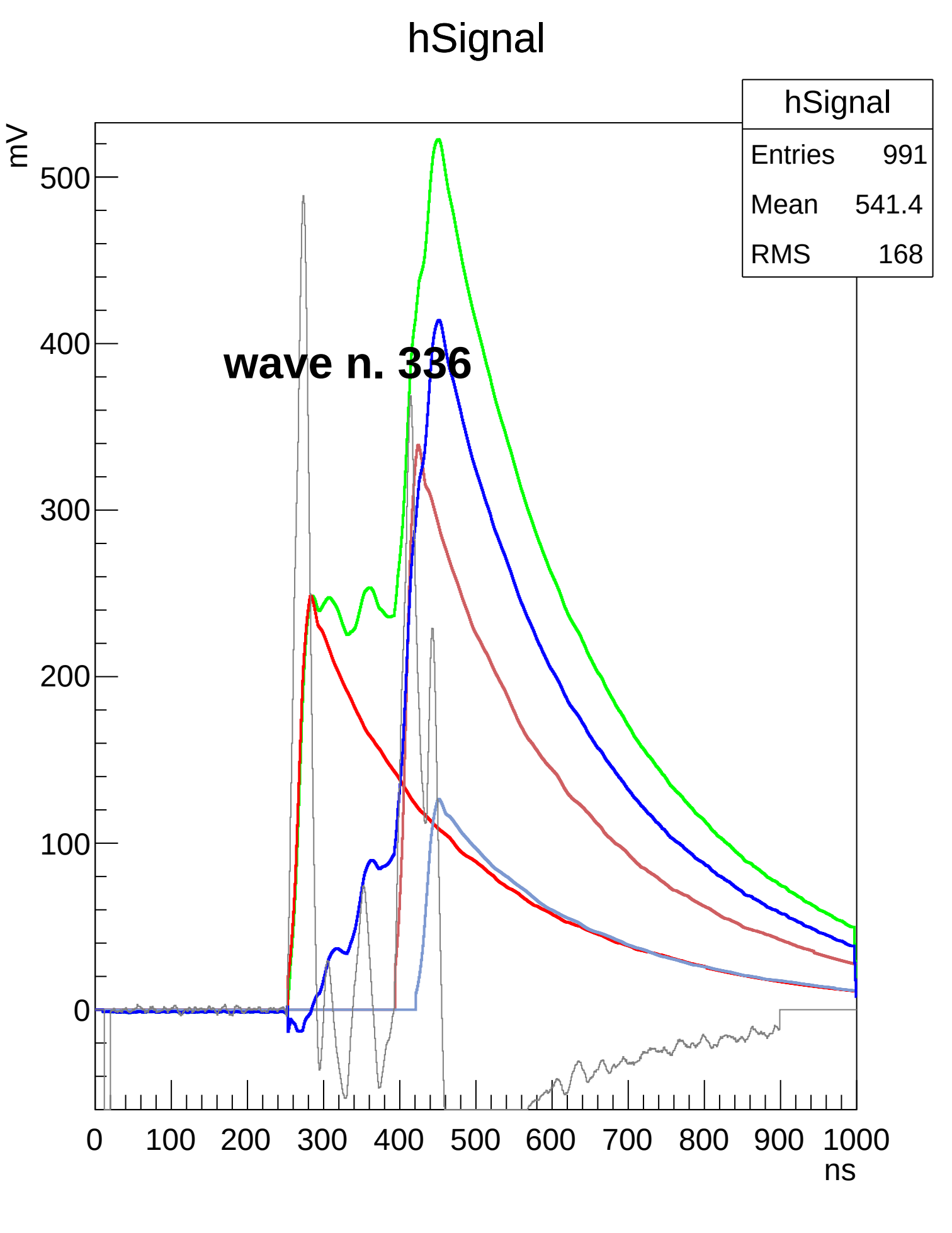
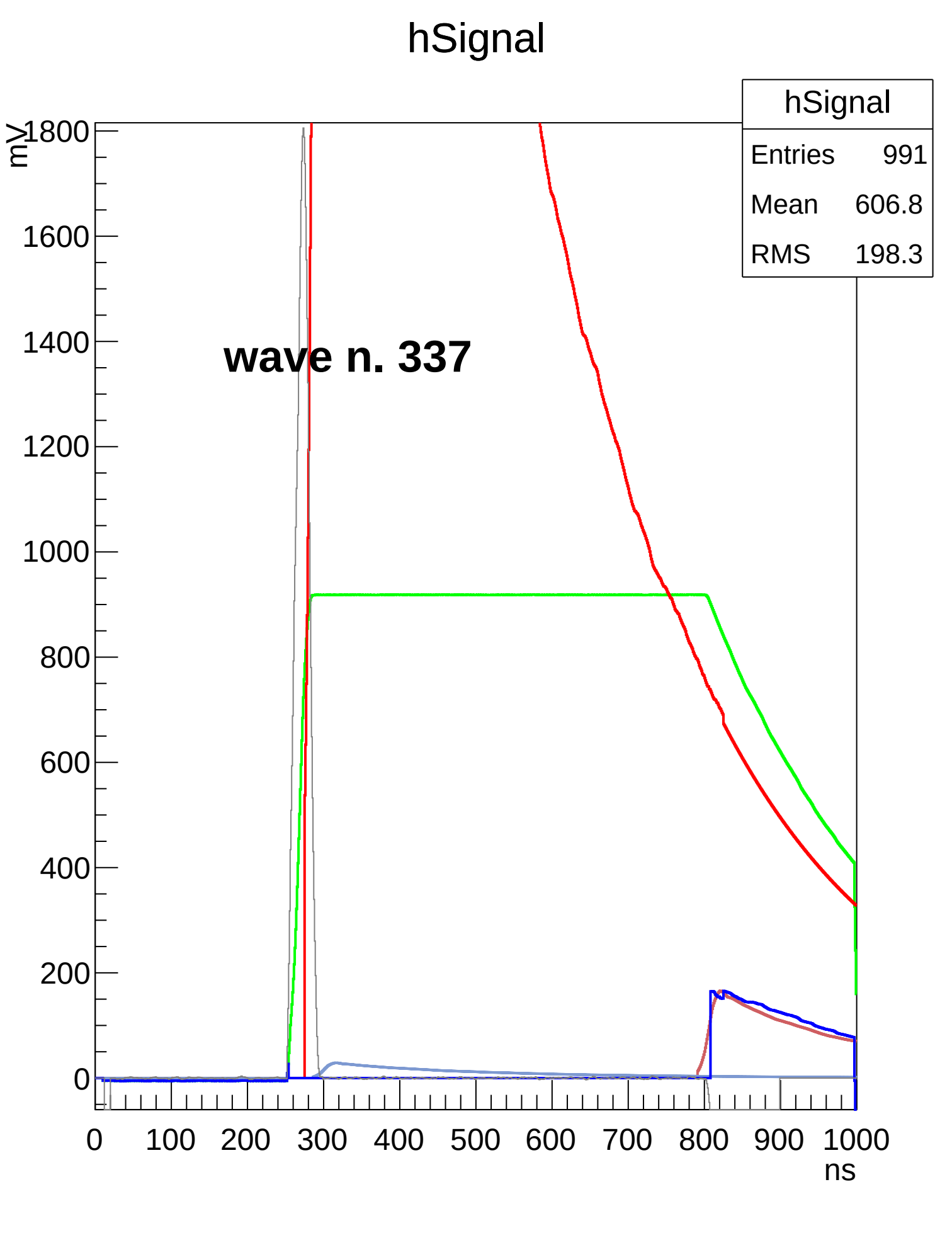
400
500
600
700
800
900
1000
ns

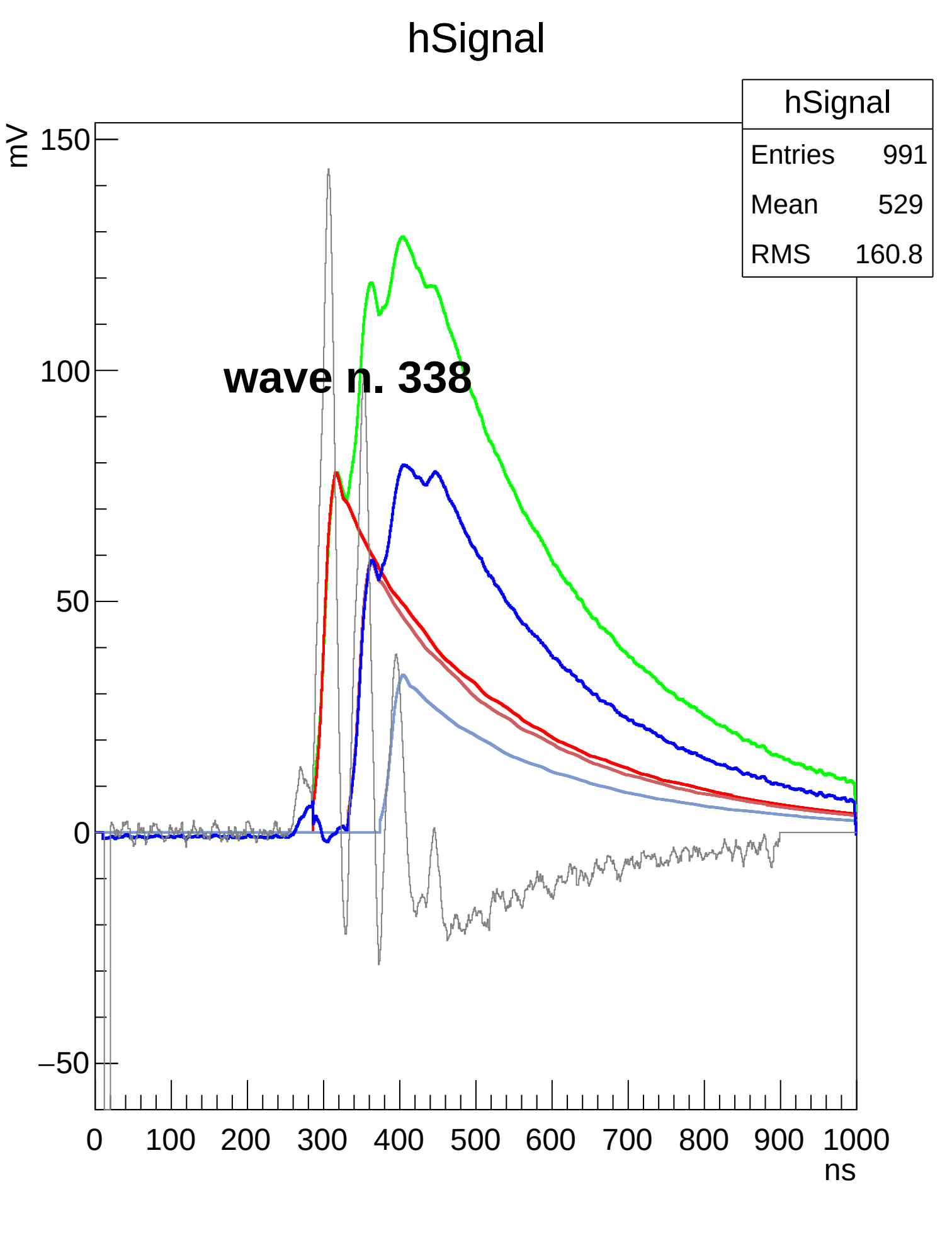

hSignal
hSignal
Entries 991
Mean 450.4
RMS 168.7
wave n. 333
mV
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns

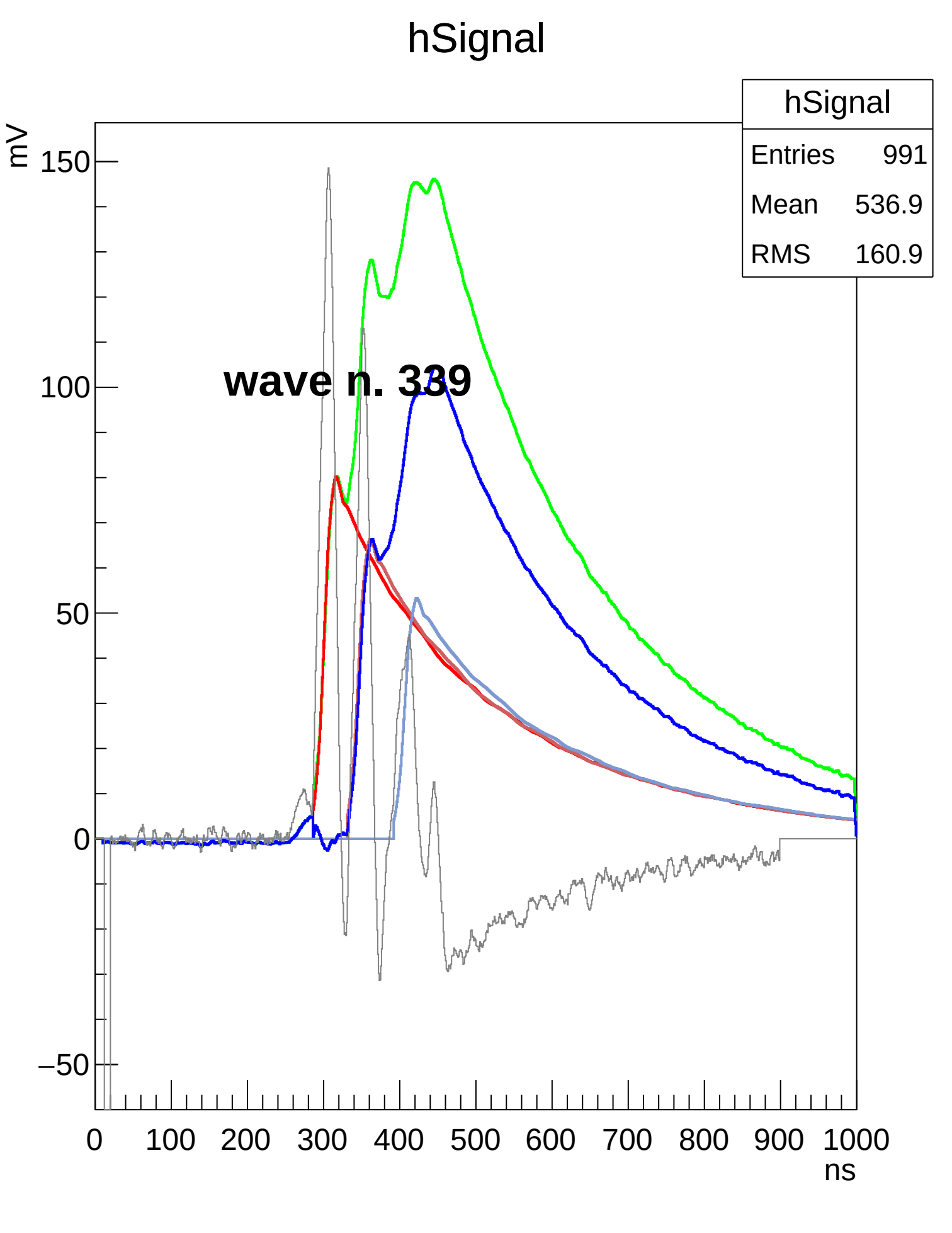

hSignal
hSignal
Entries 991
Mean 498.3
RMS 191.3
wave n. 334
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 514.8
RMS 170.8
wave n. 335
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 541.4
RMS 168
wave n. 336
mV
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 606.8
RMS 198.3
wave n. 337
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 529
RMS 160.8
wave n. 338
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 536.9
RMS 160.9
wave n. 339
mV
150
100
50
0
−50
0
100
200
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400
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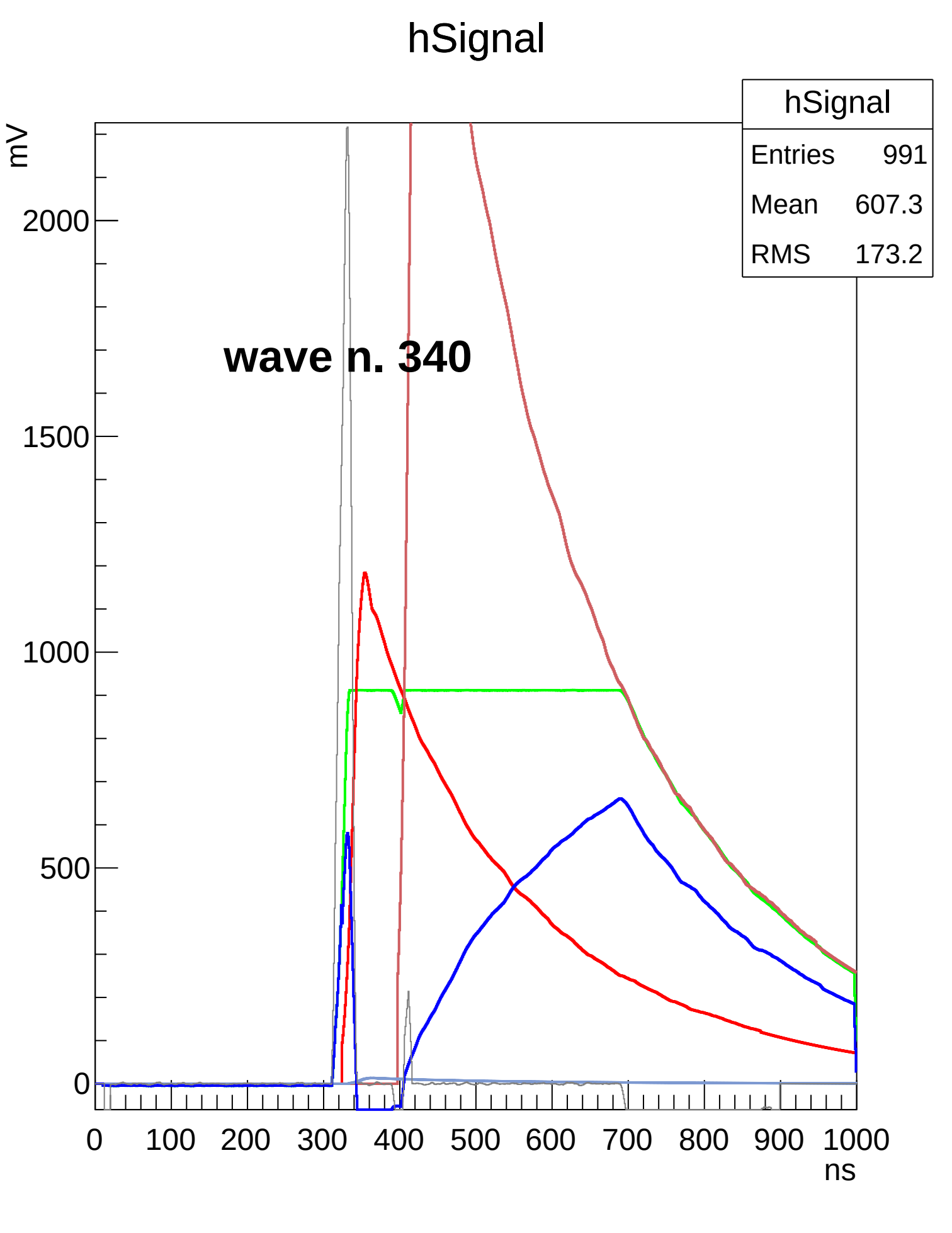
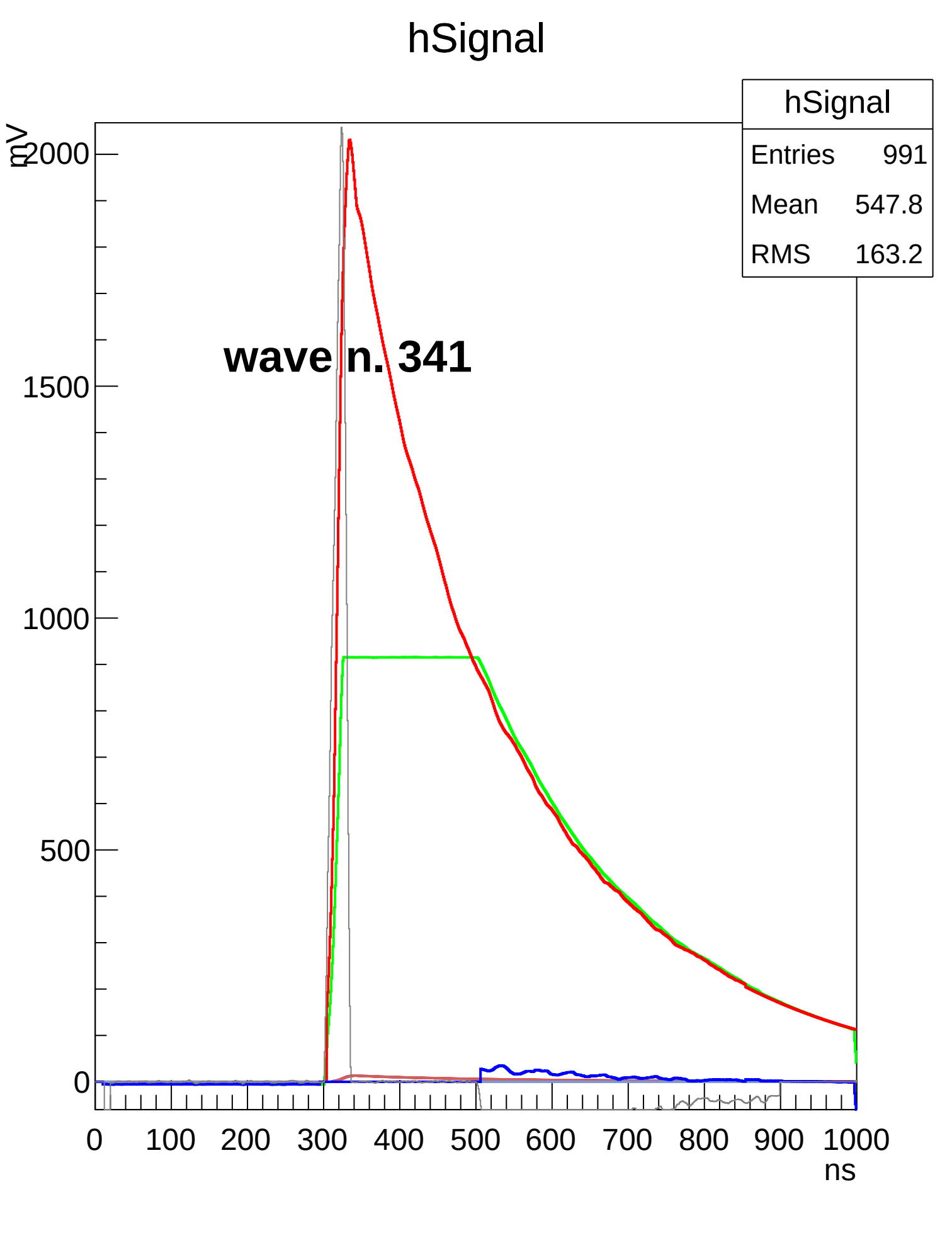
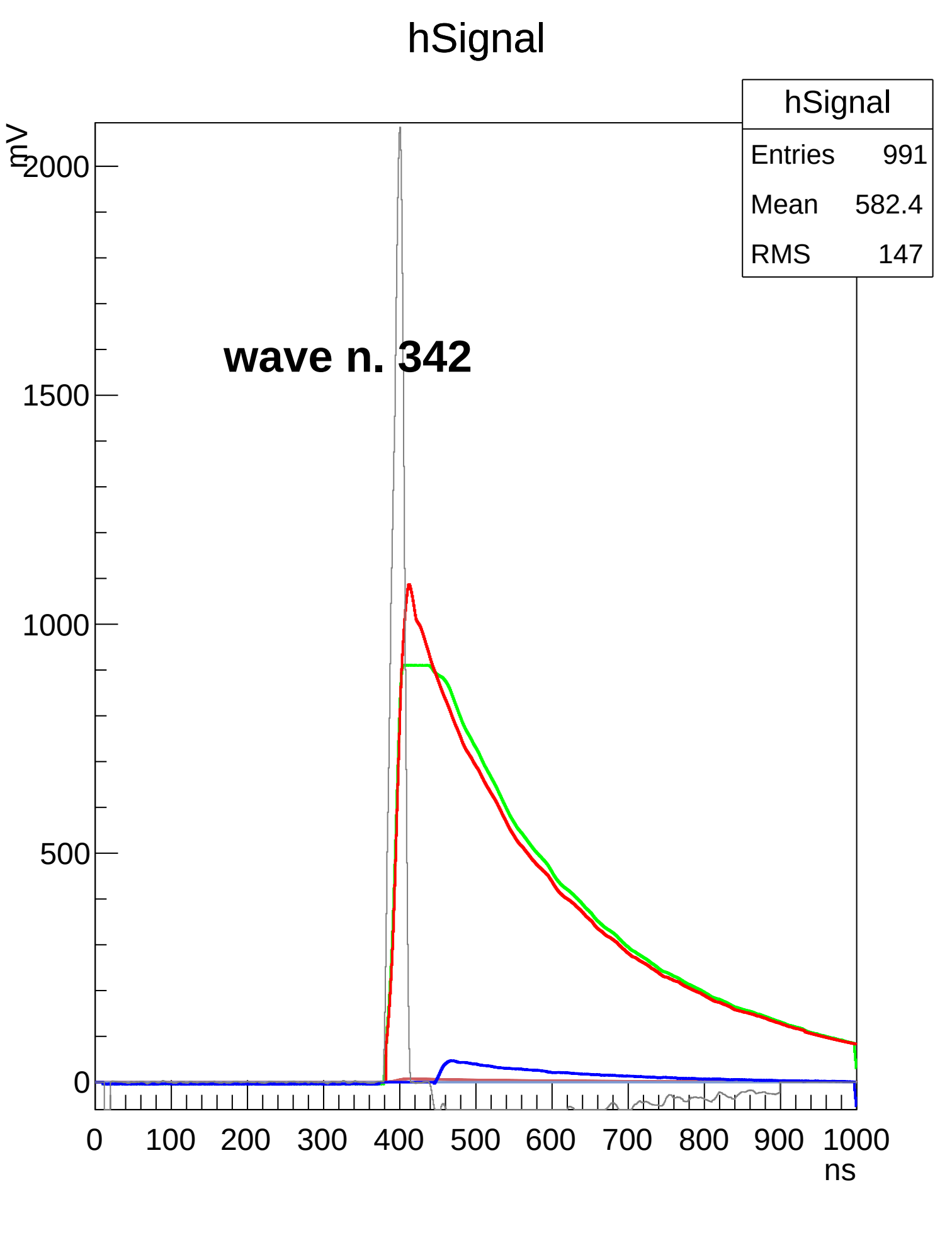
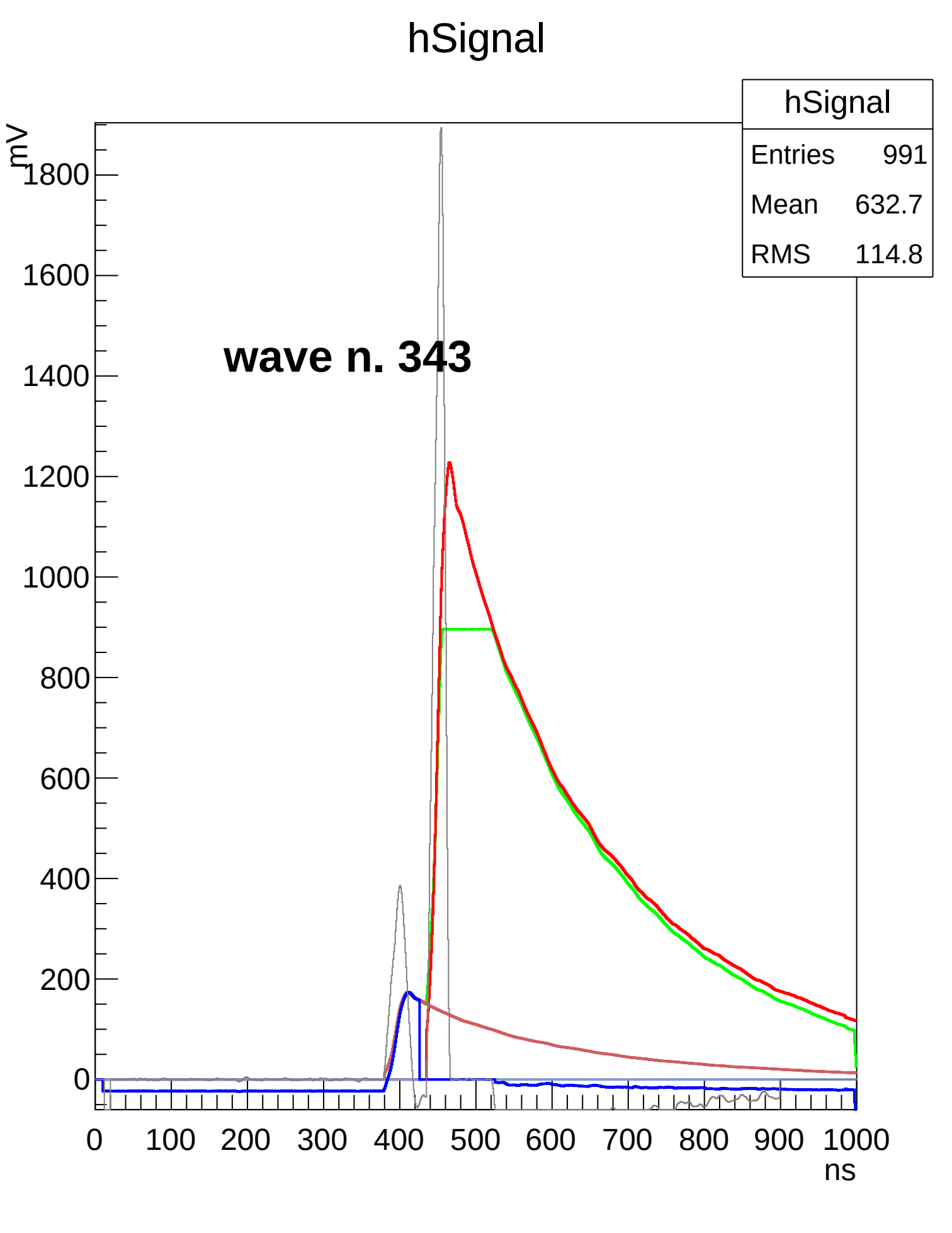
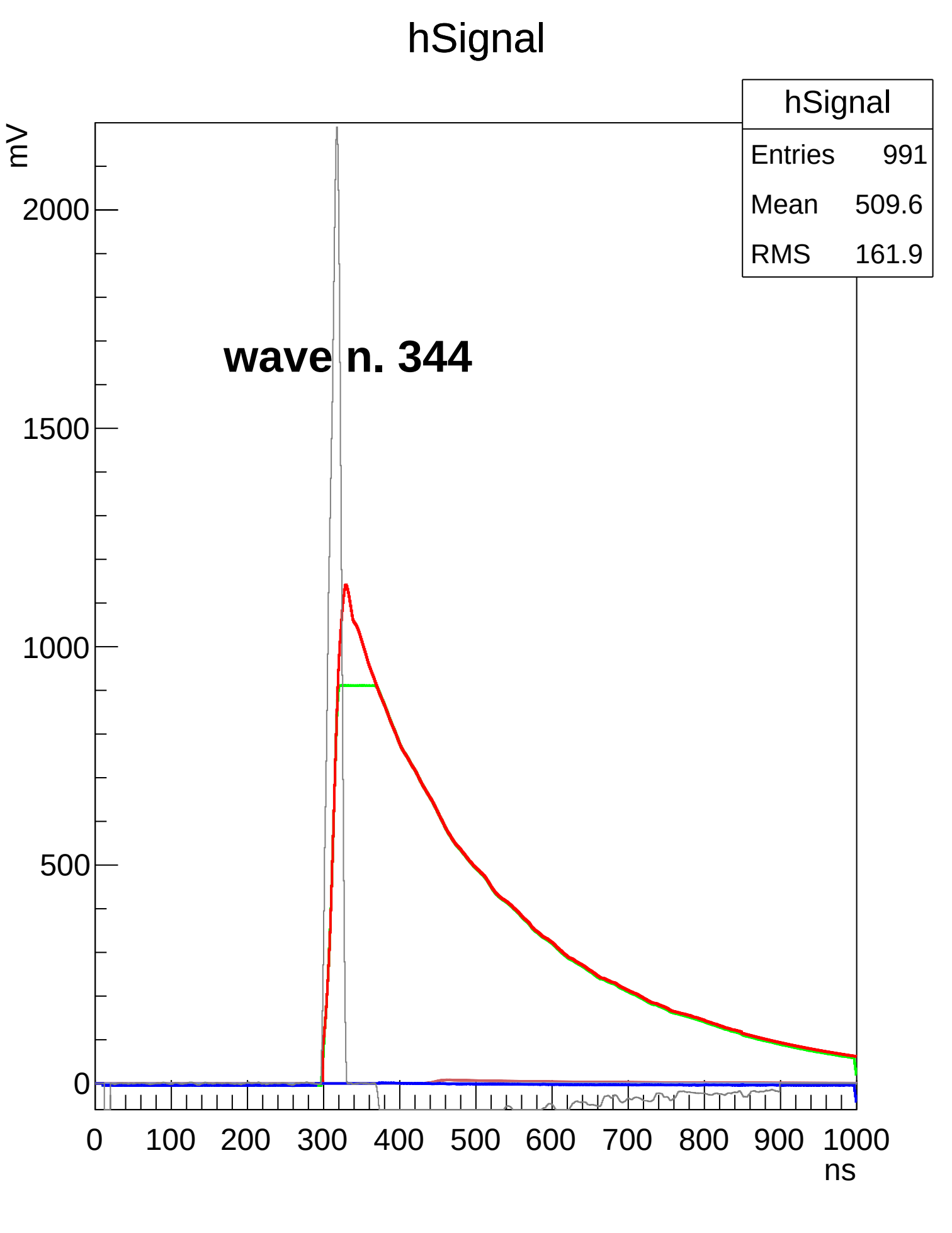
600
700
800
900
1000
ns

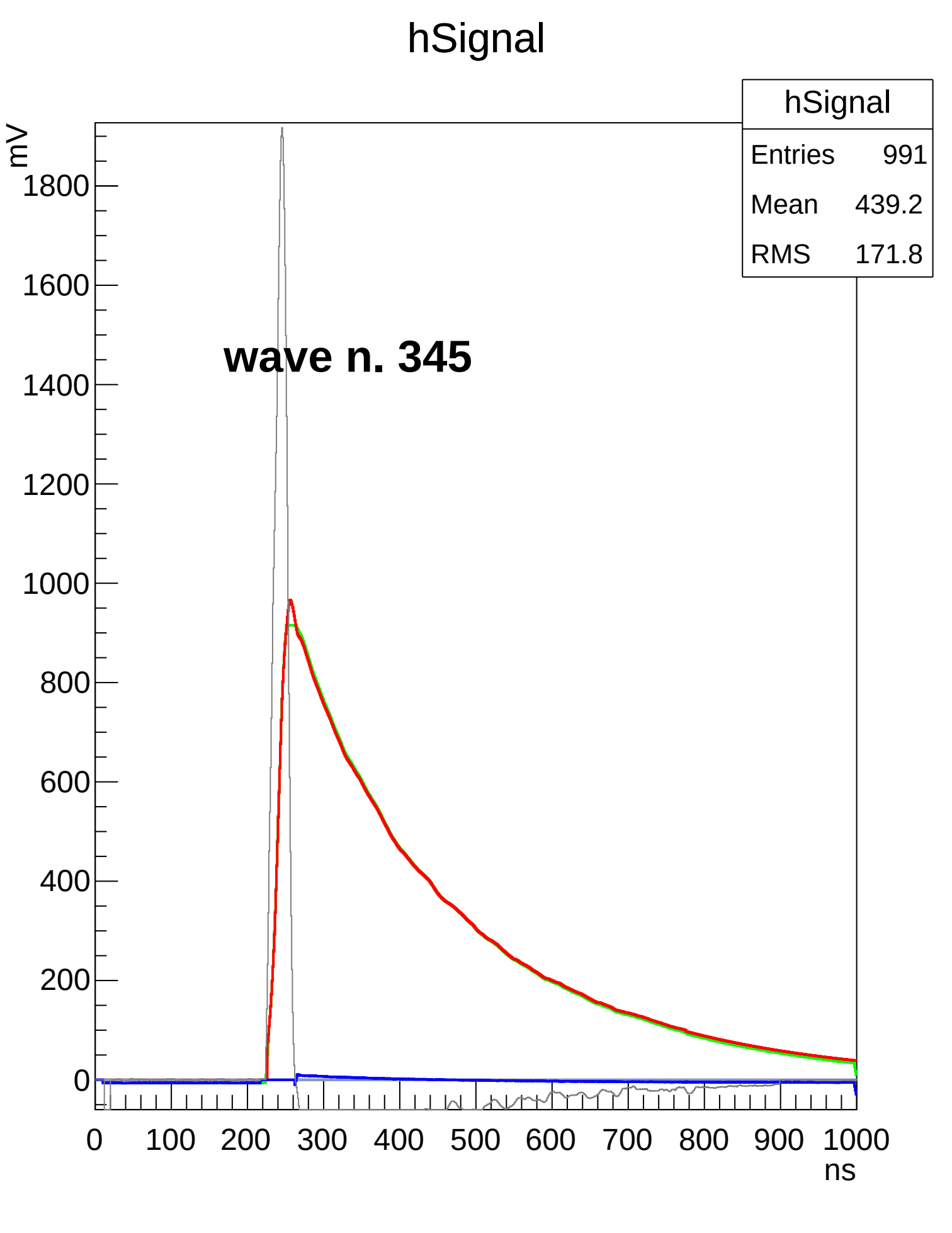

hSignal
hSignal
Entries 991
Mean 607.3
RMS 173.2
wave n. 340
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

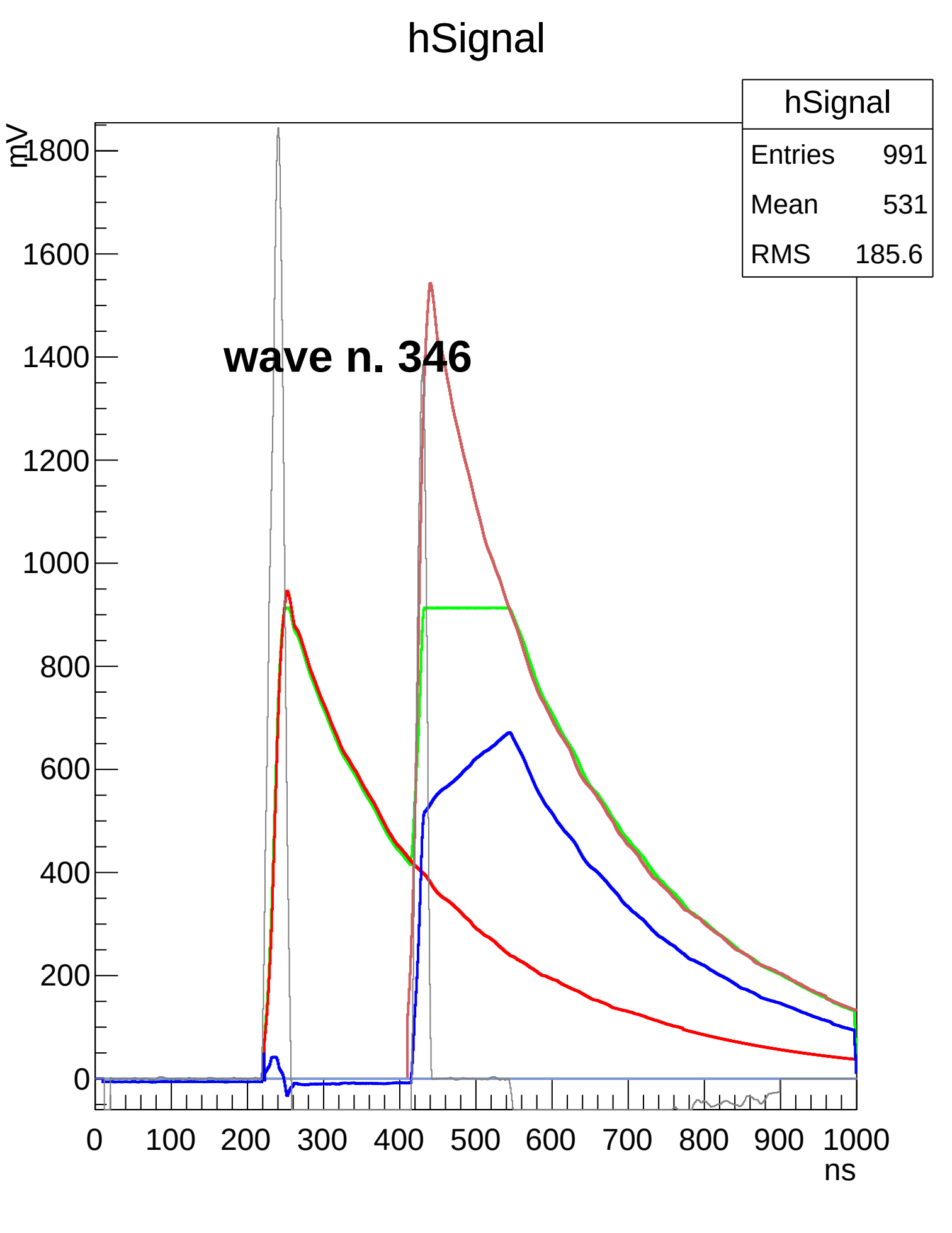

hSignal
hSignal
Entries 991
Mean 547.8
RMS 163.2
wave n. 341
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

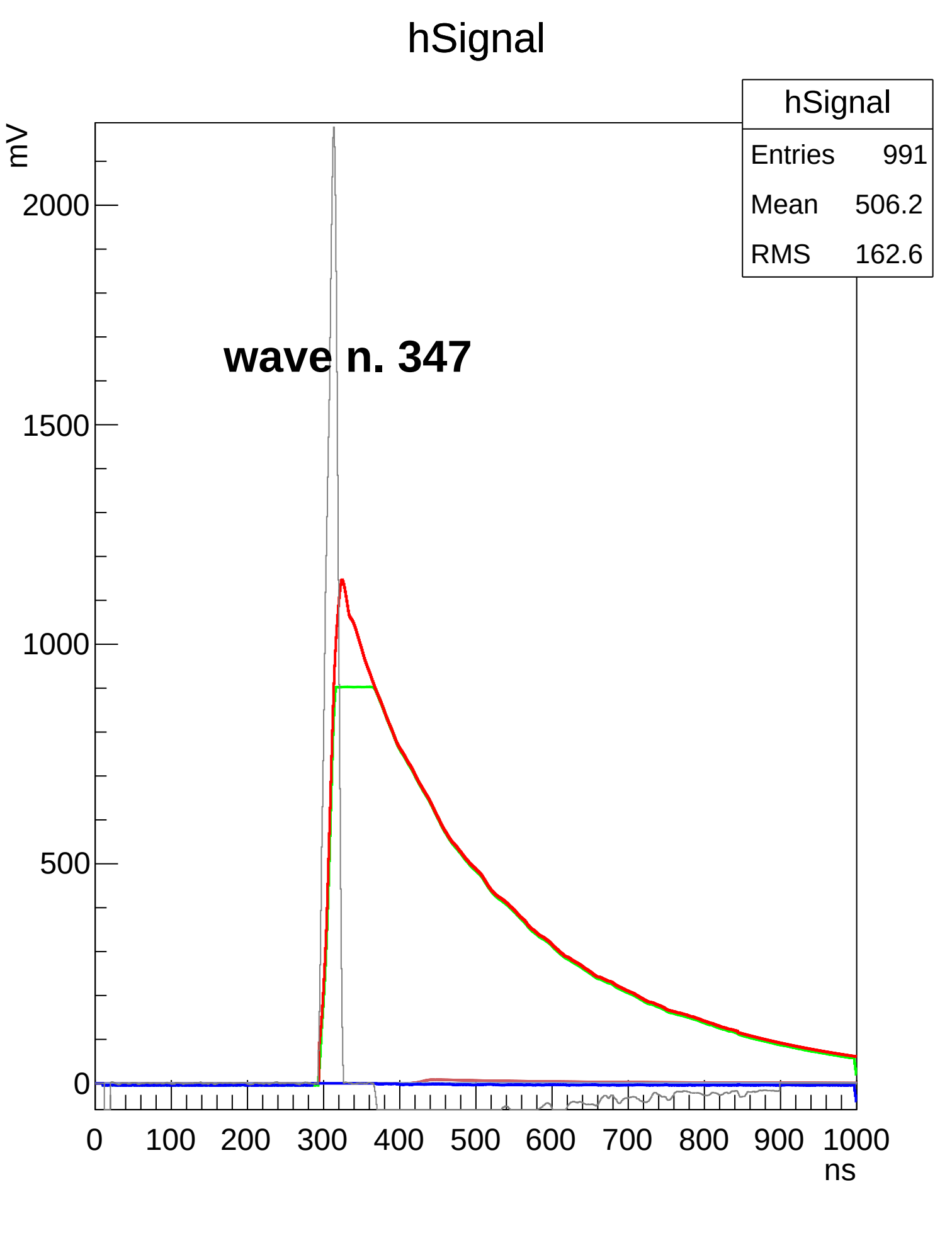

hSignal
hSignal
Entries 991
Mean 582.4
RMS 147
wave n. 342
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

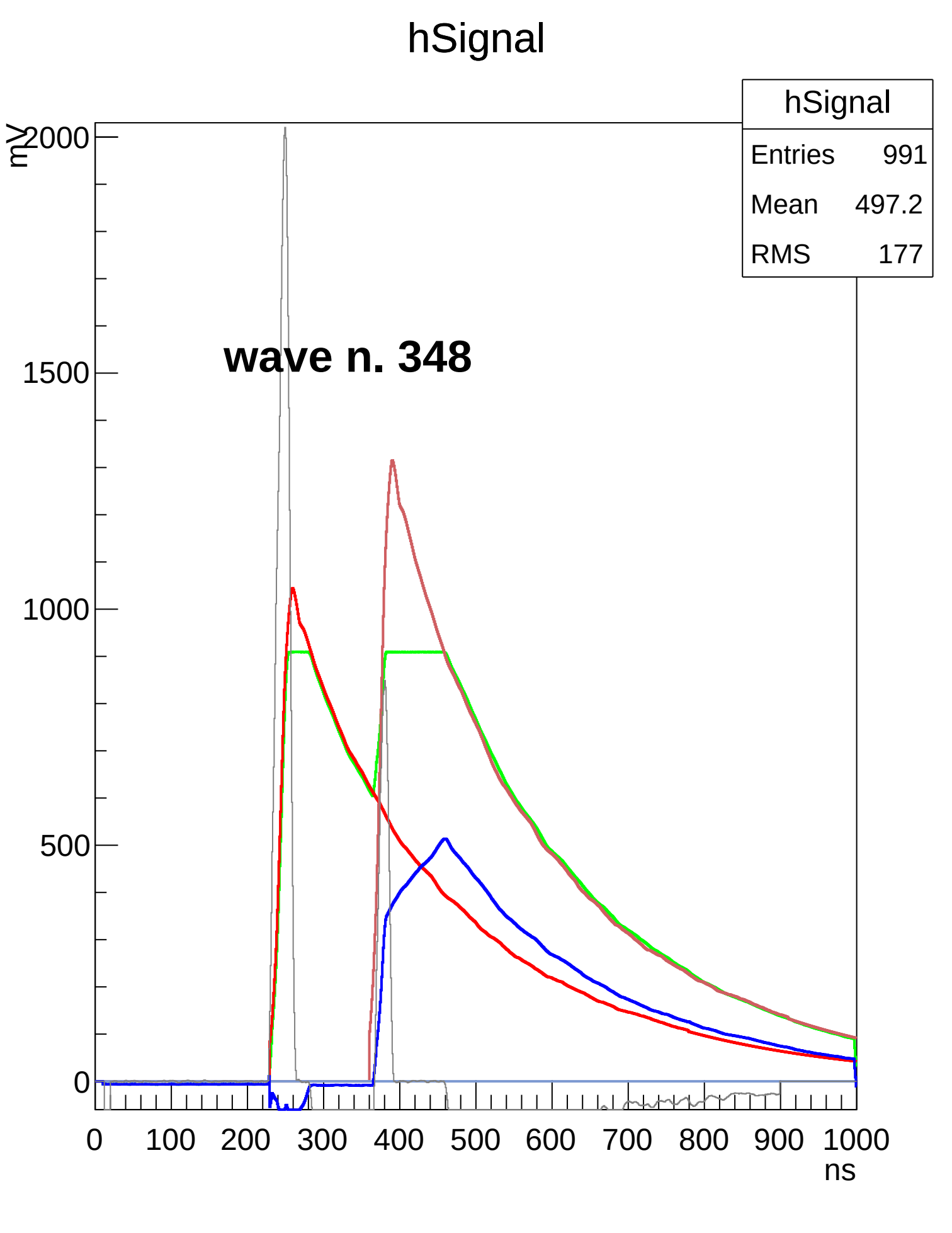

hSignal
hSignal
Entries 991
Mean 632.7
RMS 114.8
wave n. 343
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 509.6
RMS 161.9
wave n. 344
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 439.2
RMS 171.8
wave n. 345
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 531
RMS 185.6
wave n. 346
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 506.2
RMS 162.6
wave n. 347
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 497.2
RMS 177
wave n. 348
mV
2000
1500
1000
500
0
0
100
200
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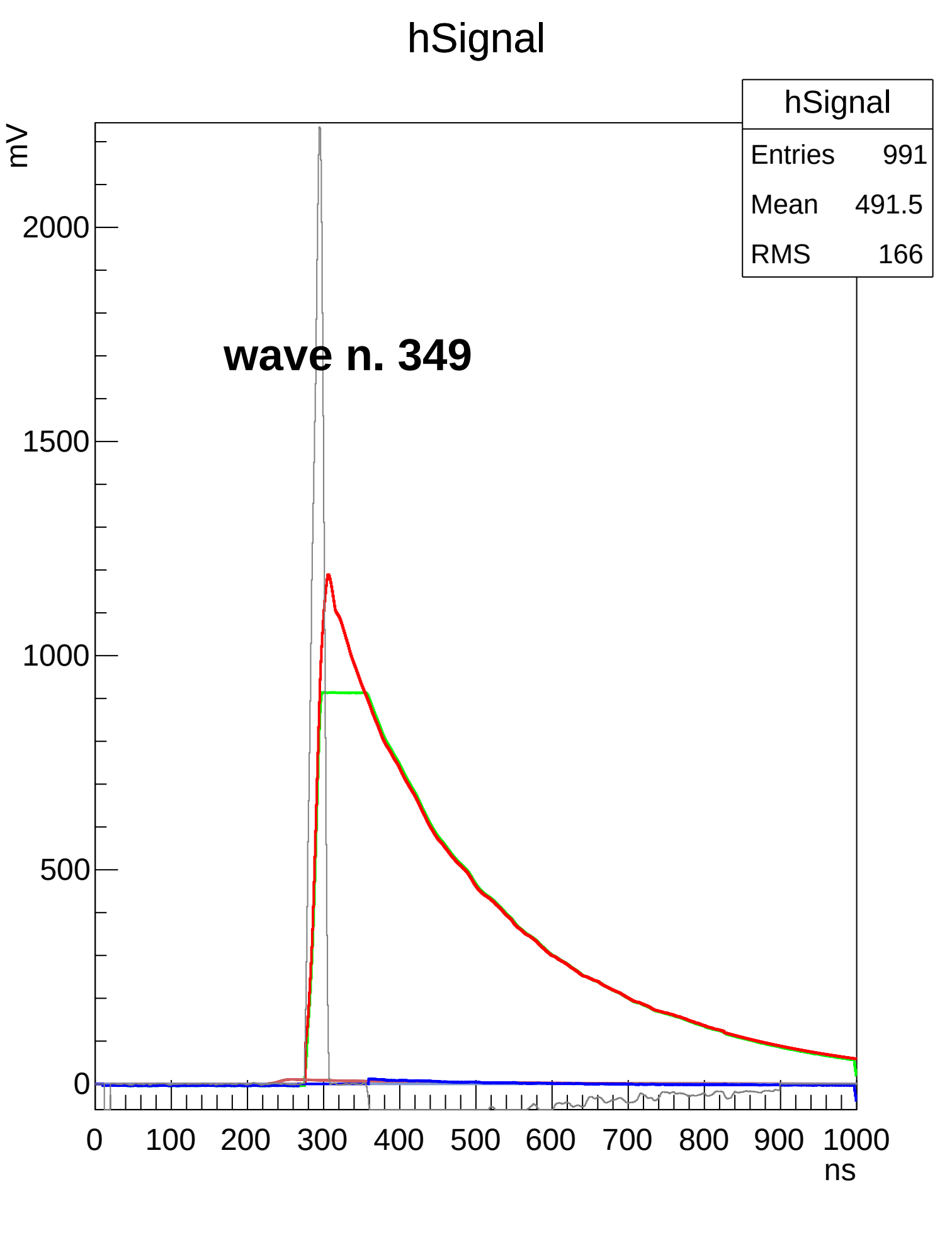
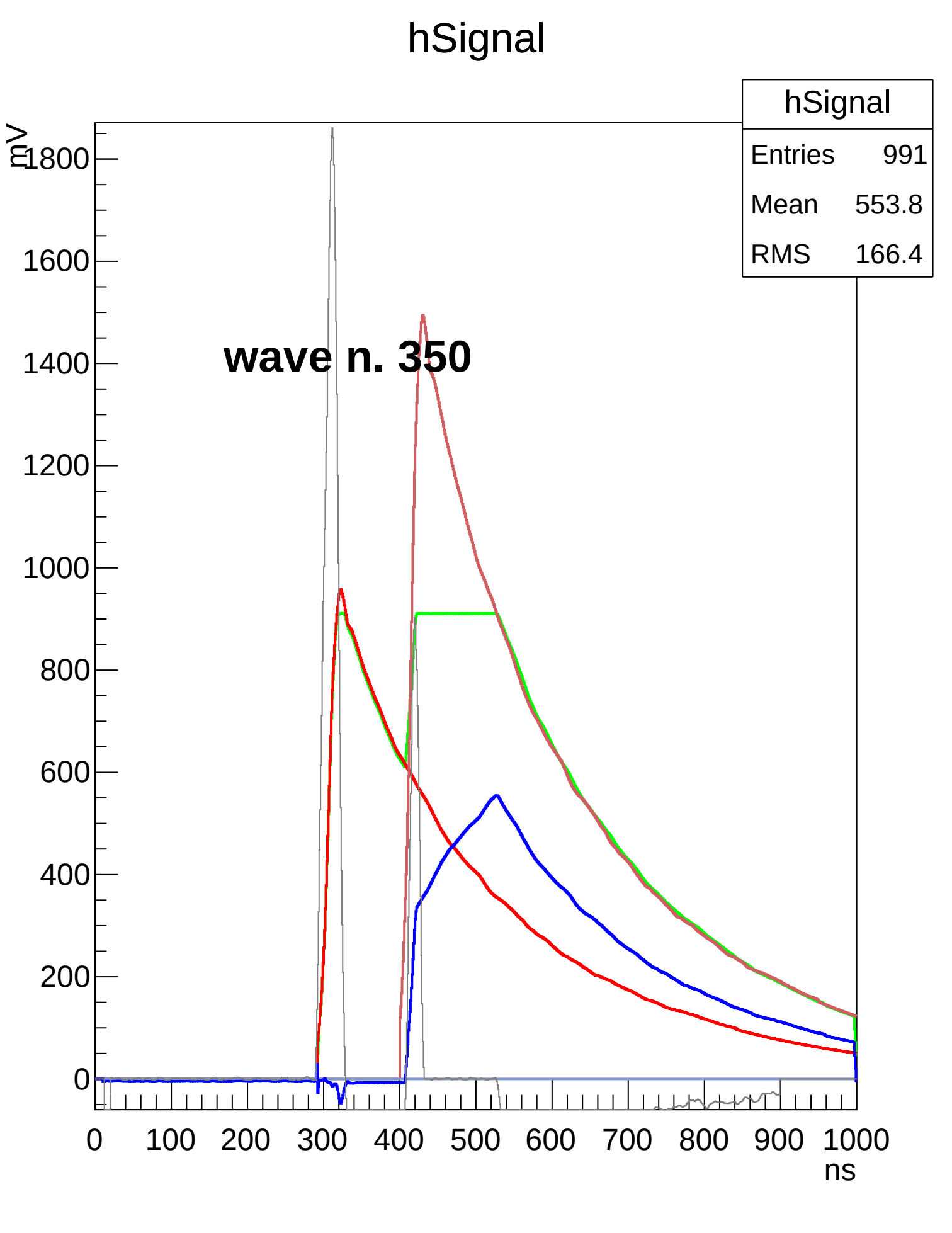
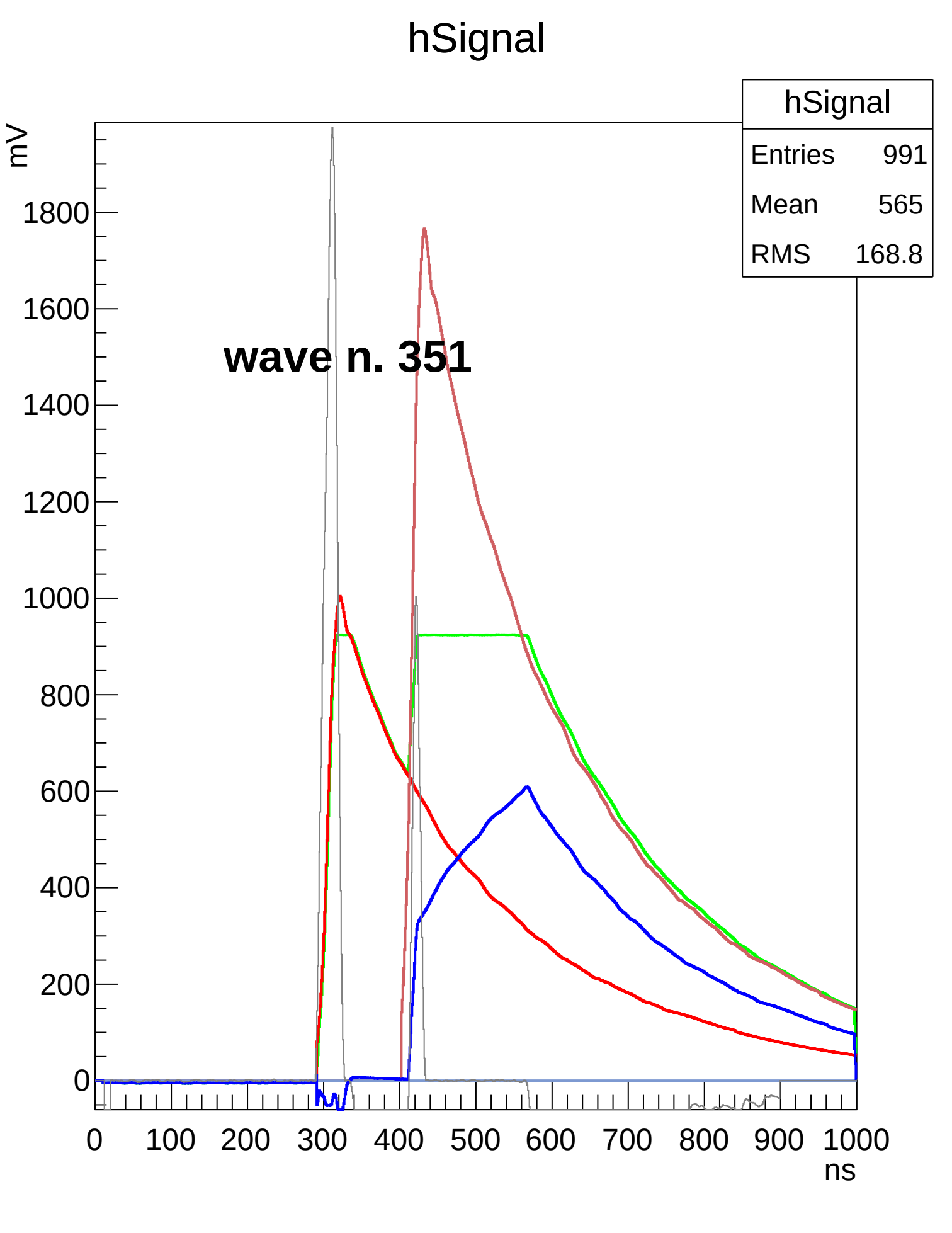
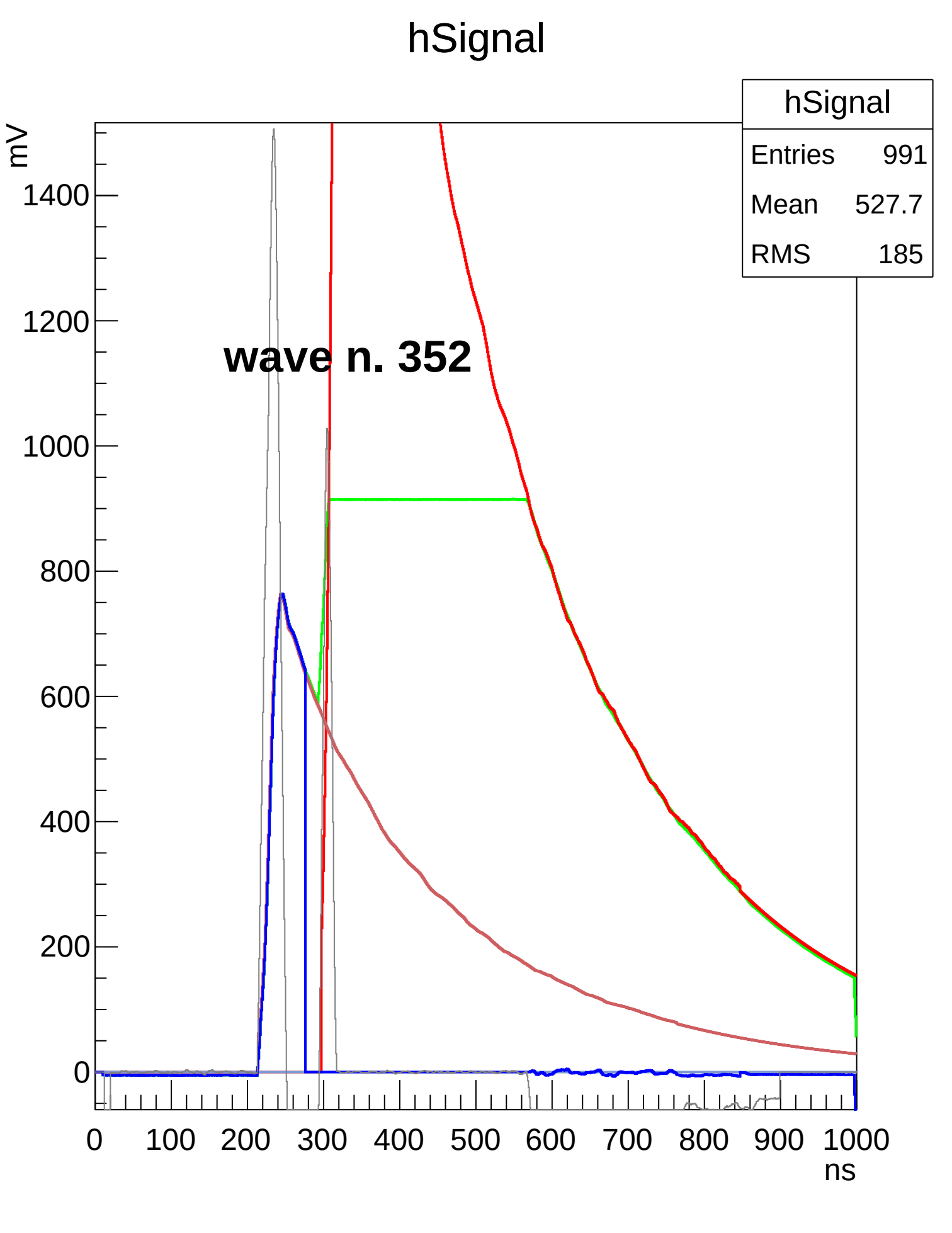
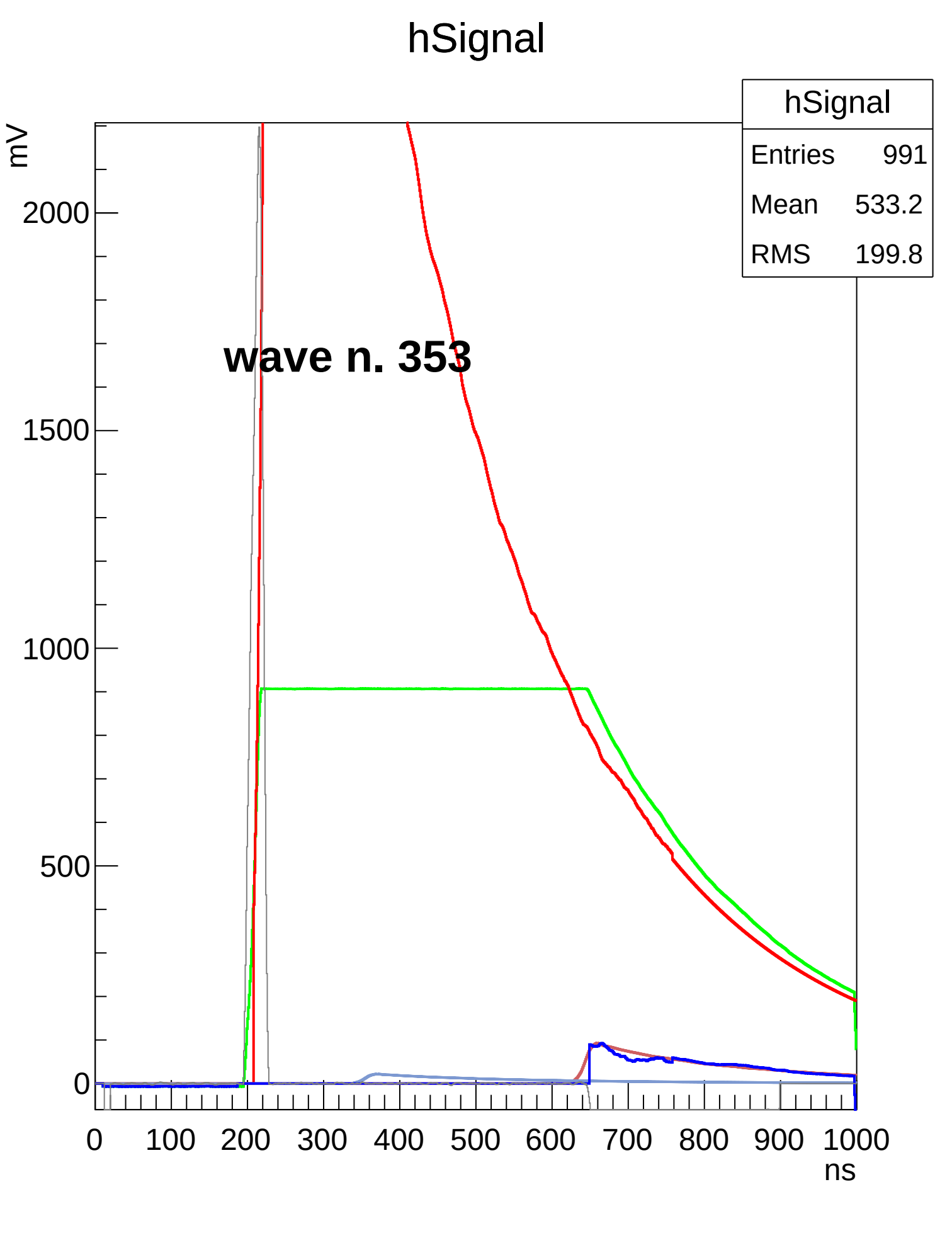
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 491.5
RMS 166
wave n. 349
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.8
RMS 166.4
wave n. 350
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 565
RMS 168.8
wave n. 351
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 527.7
RMS 185
wave n. 352
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 533.2
RMS 199.8
wave n. 353
mV
2000
1500
1000
500
0
0
100
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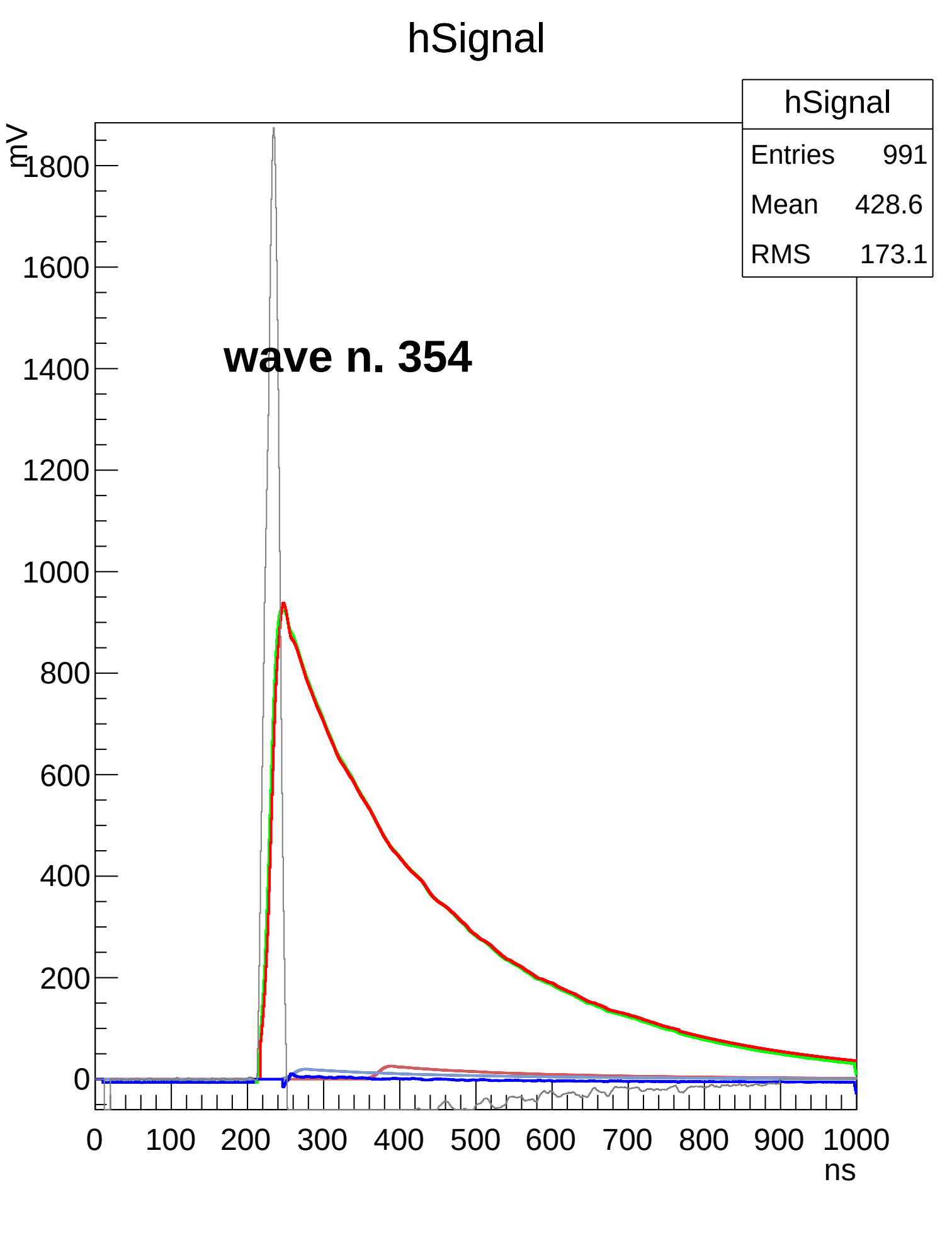
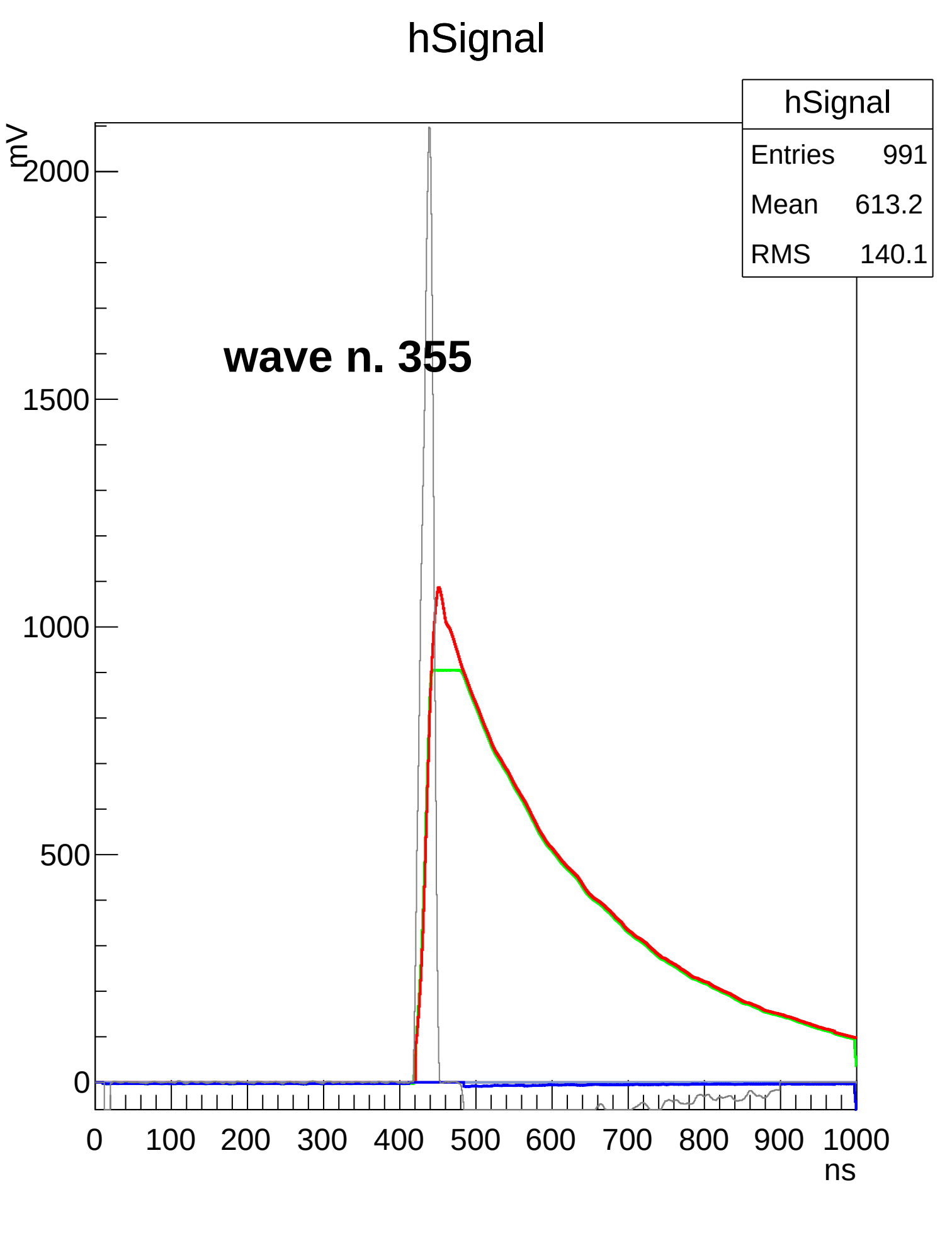
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 428.6
RMS 173.1
wave n. 354
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 613.2
RMS 140.1
wave n. 355
mV
2000
1500
1000
500
0
0
100
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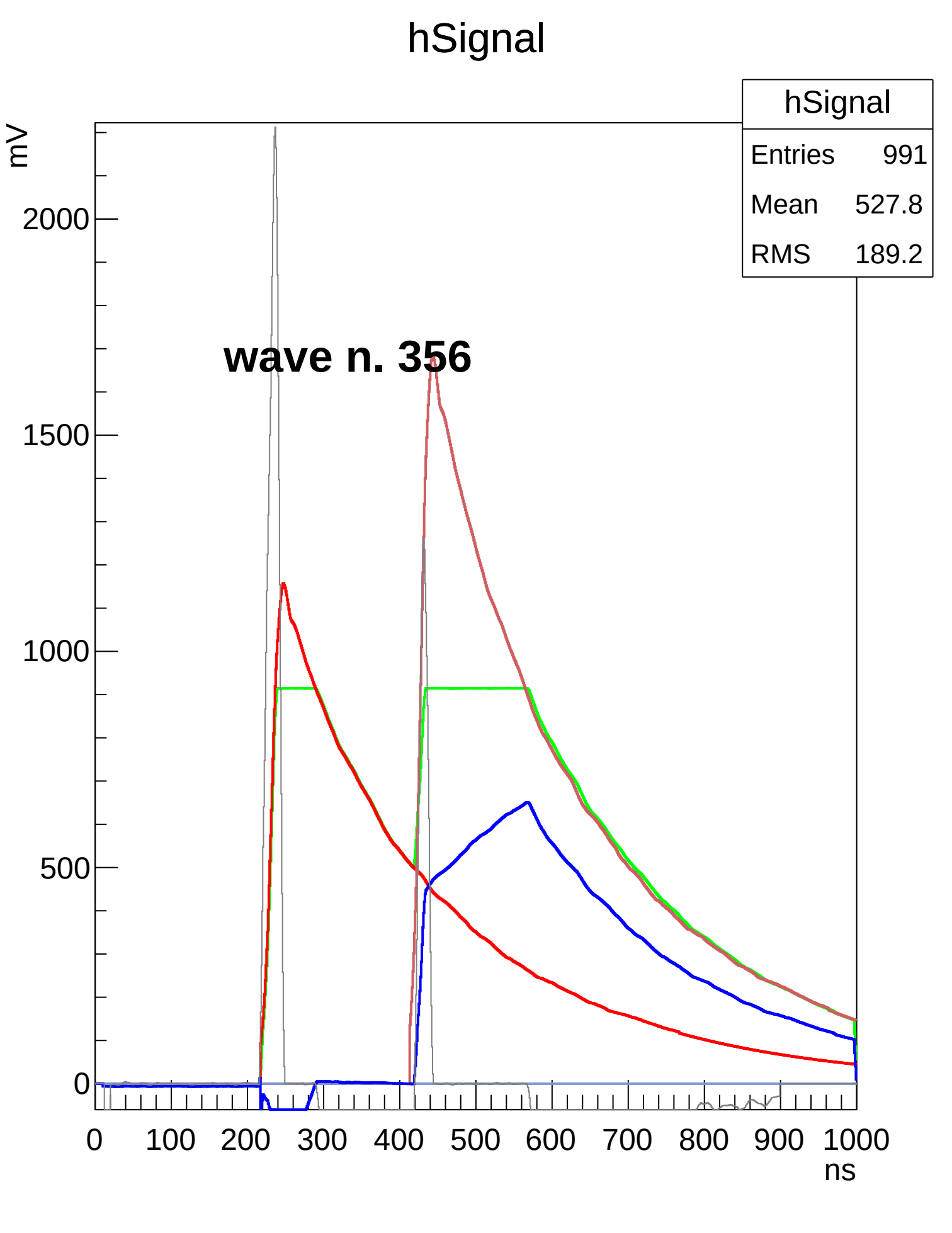
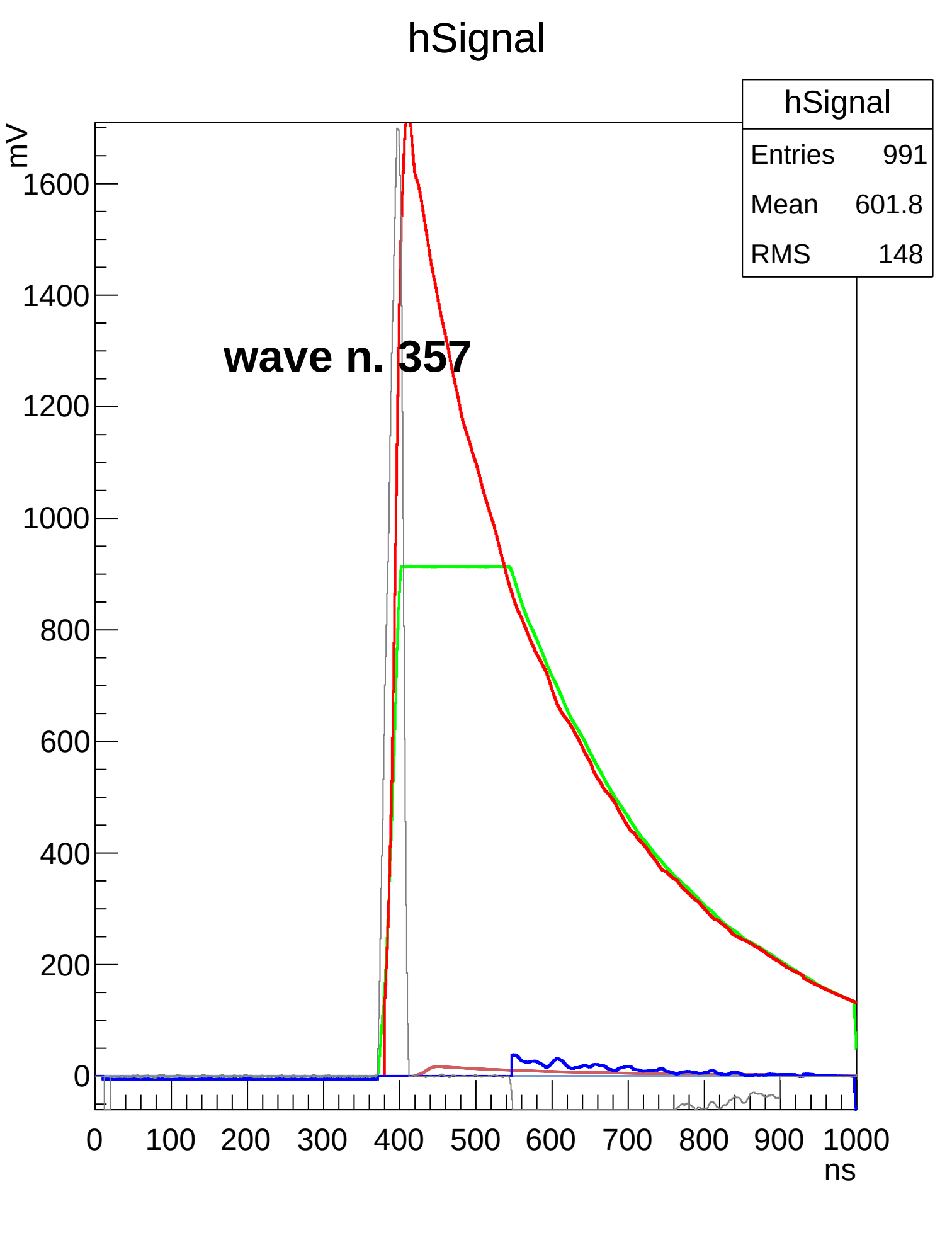
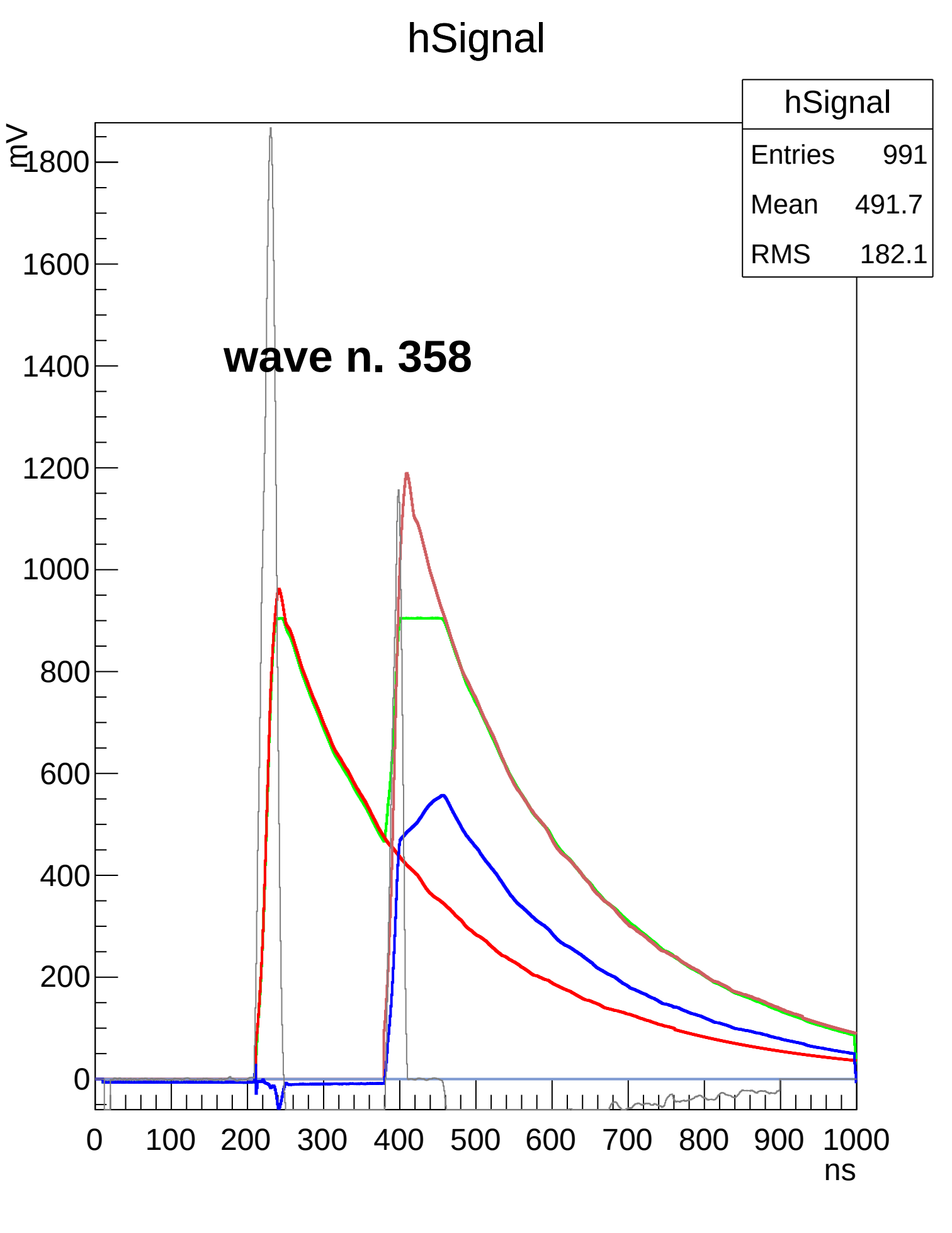
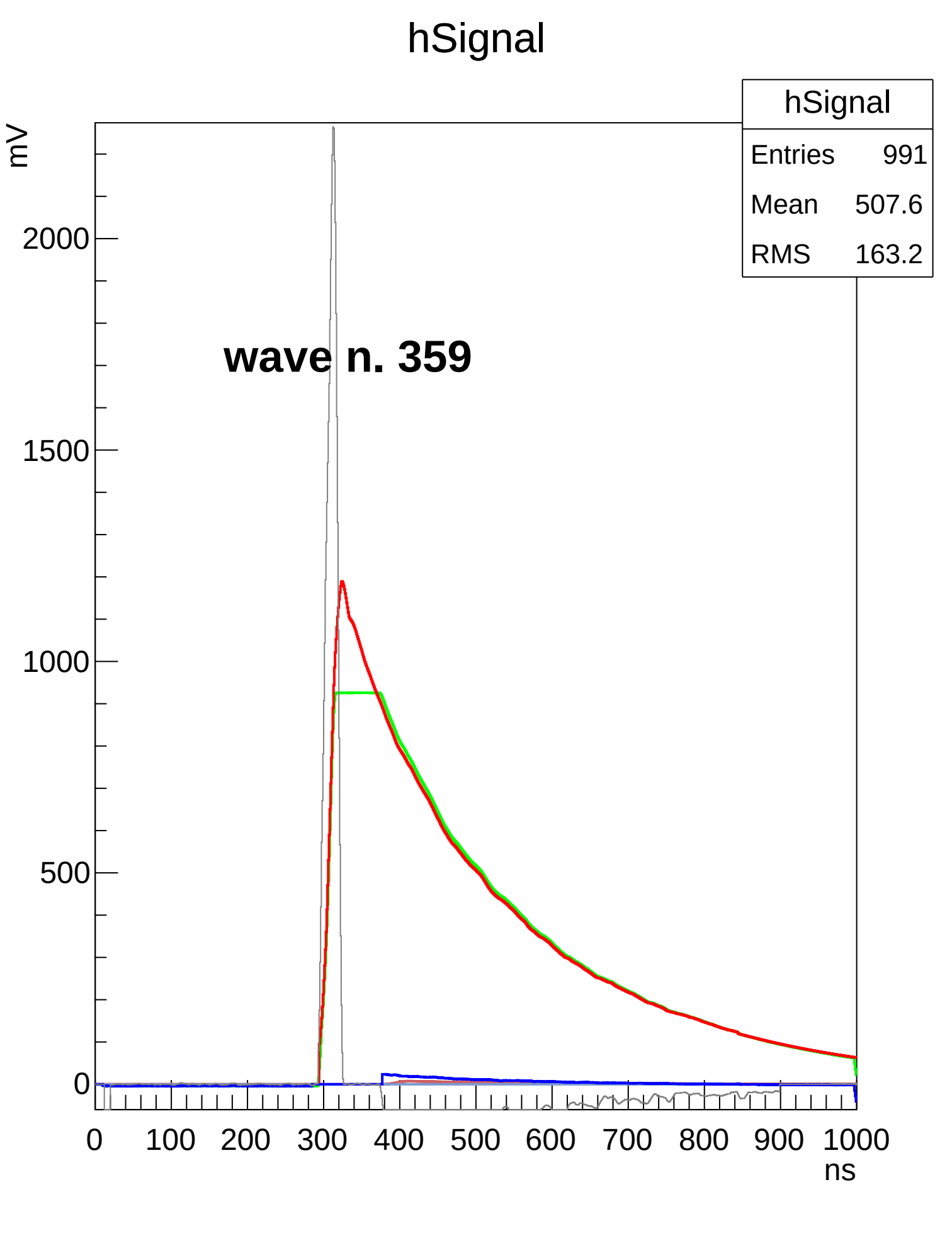
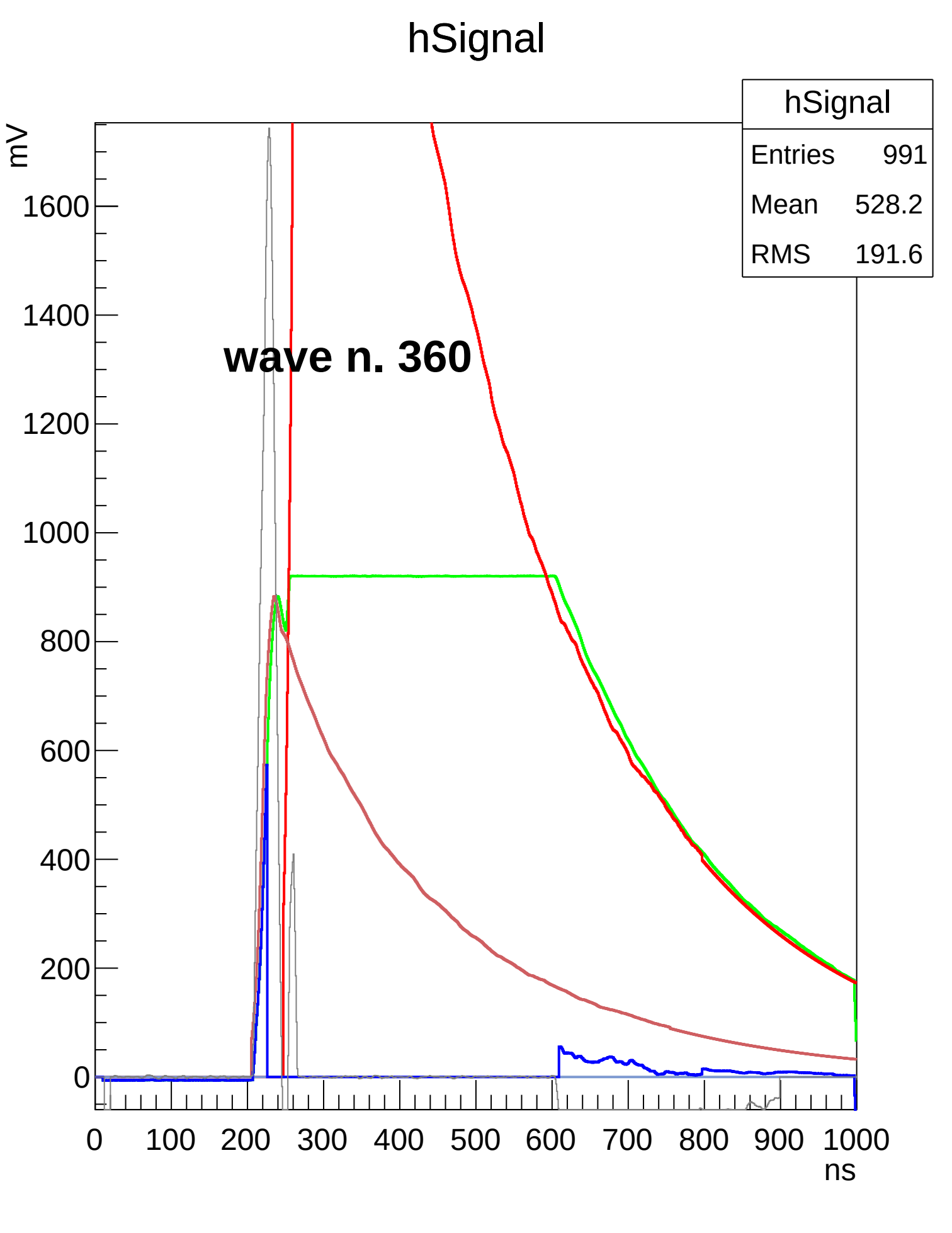
700
800
900
1000
ns

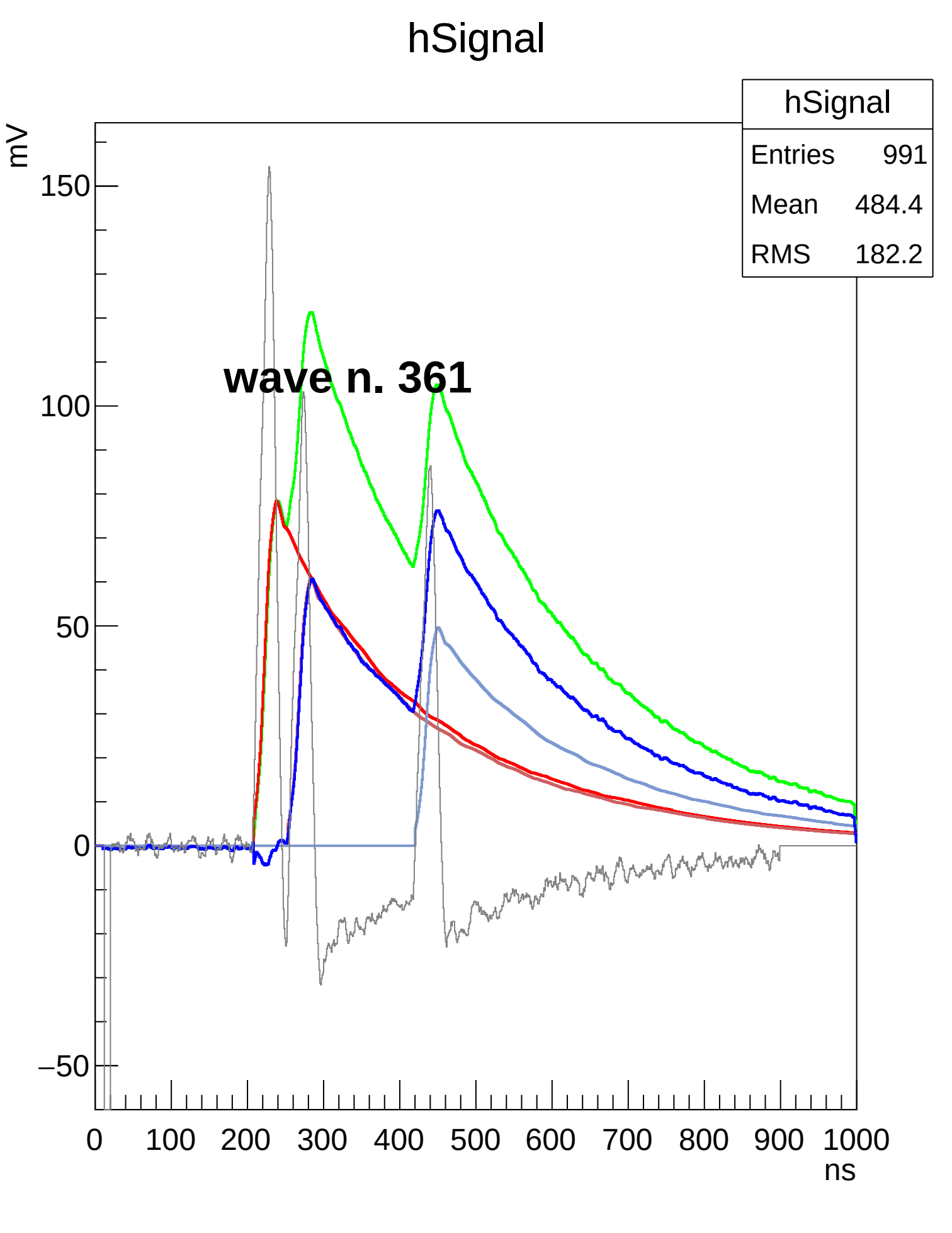

hSignal
hSignal
Entries 991
Mean 527.8
RMS 189.2
wave n. 356
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

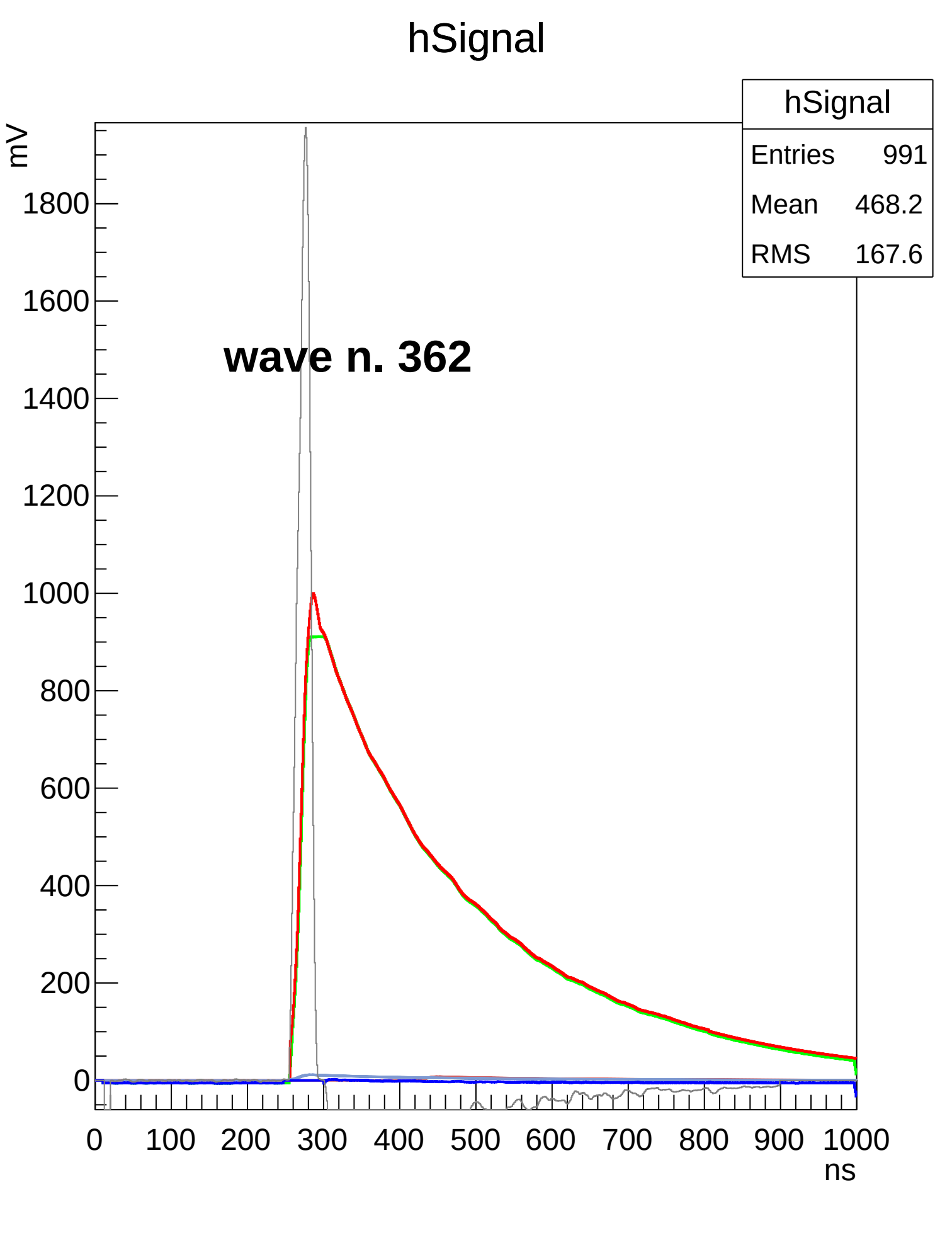

hSignal
hSignal
Entries 991
Mean 601.8
RMS 148
wave n. 357
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

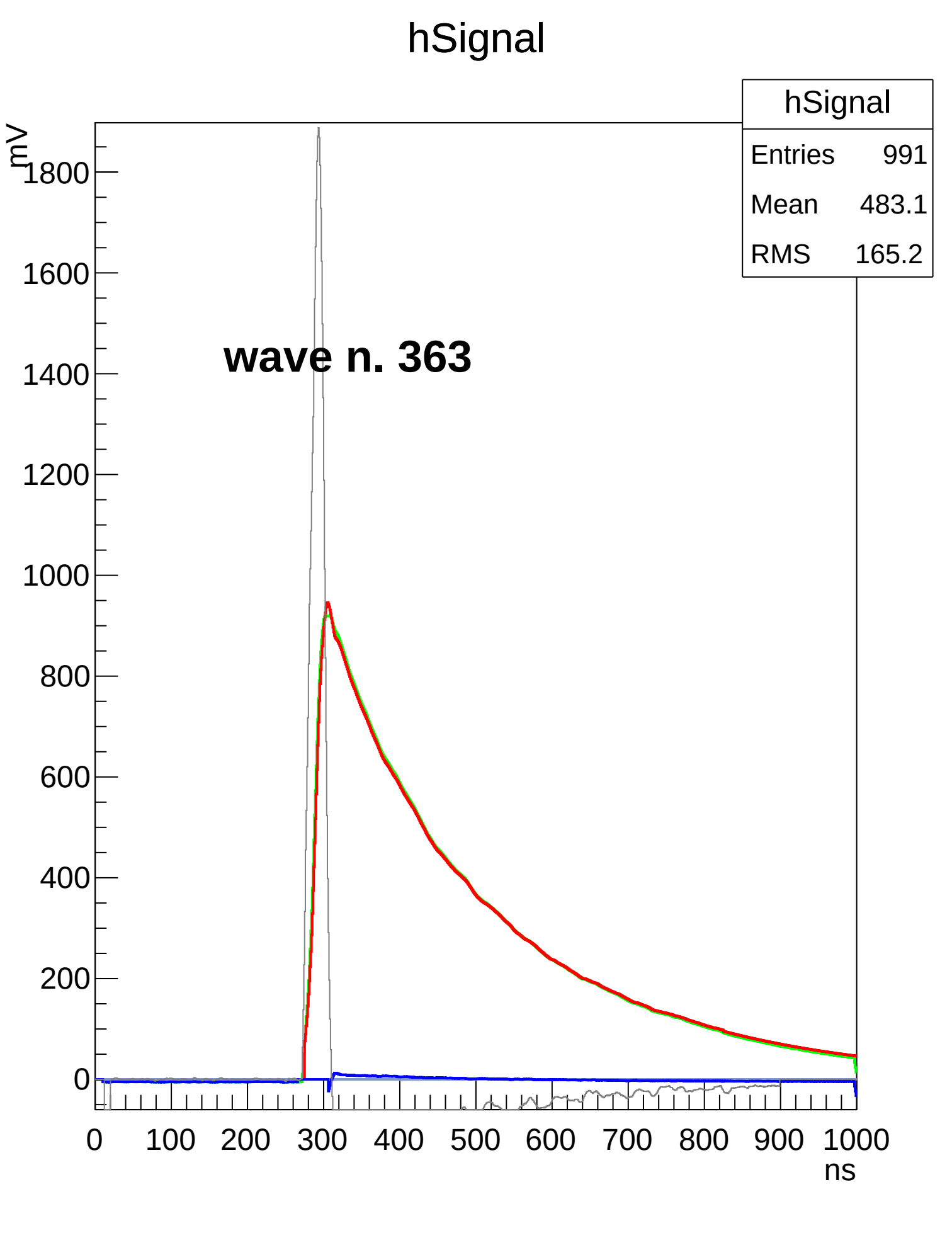

hSignal
hSignal
Entries 991
Mean 491.7
RMS 182.1
wave n. 358
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

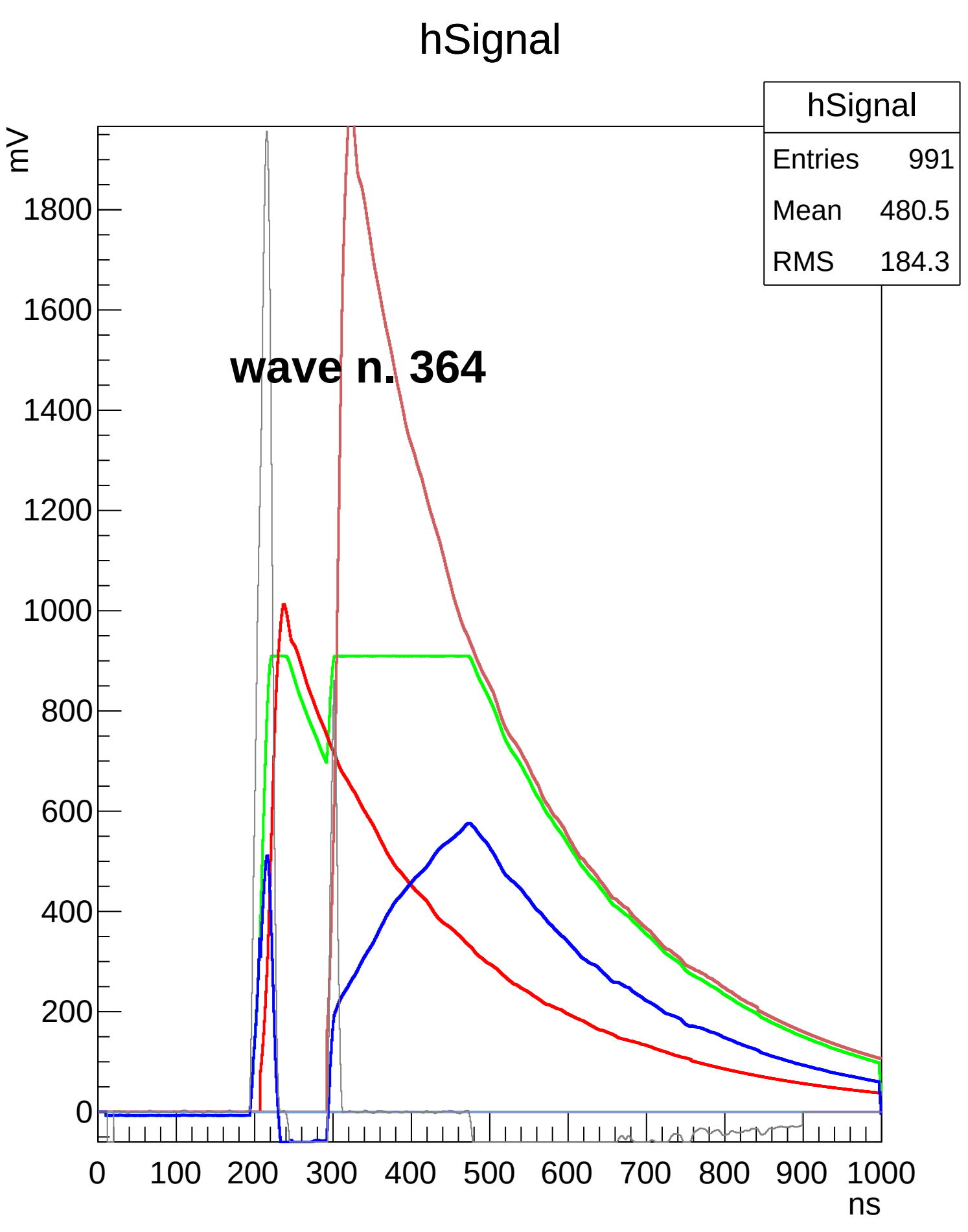

hSignal
hSignal
Entries 991
Mean 507.6
RMS 163.2
wave n. 359
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

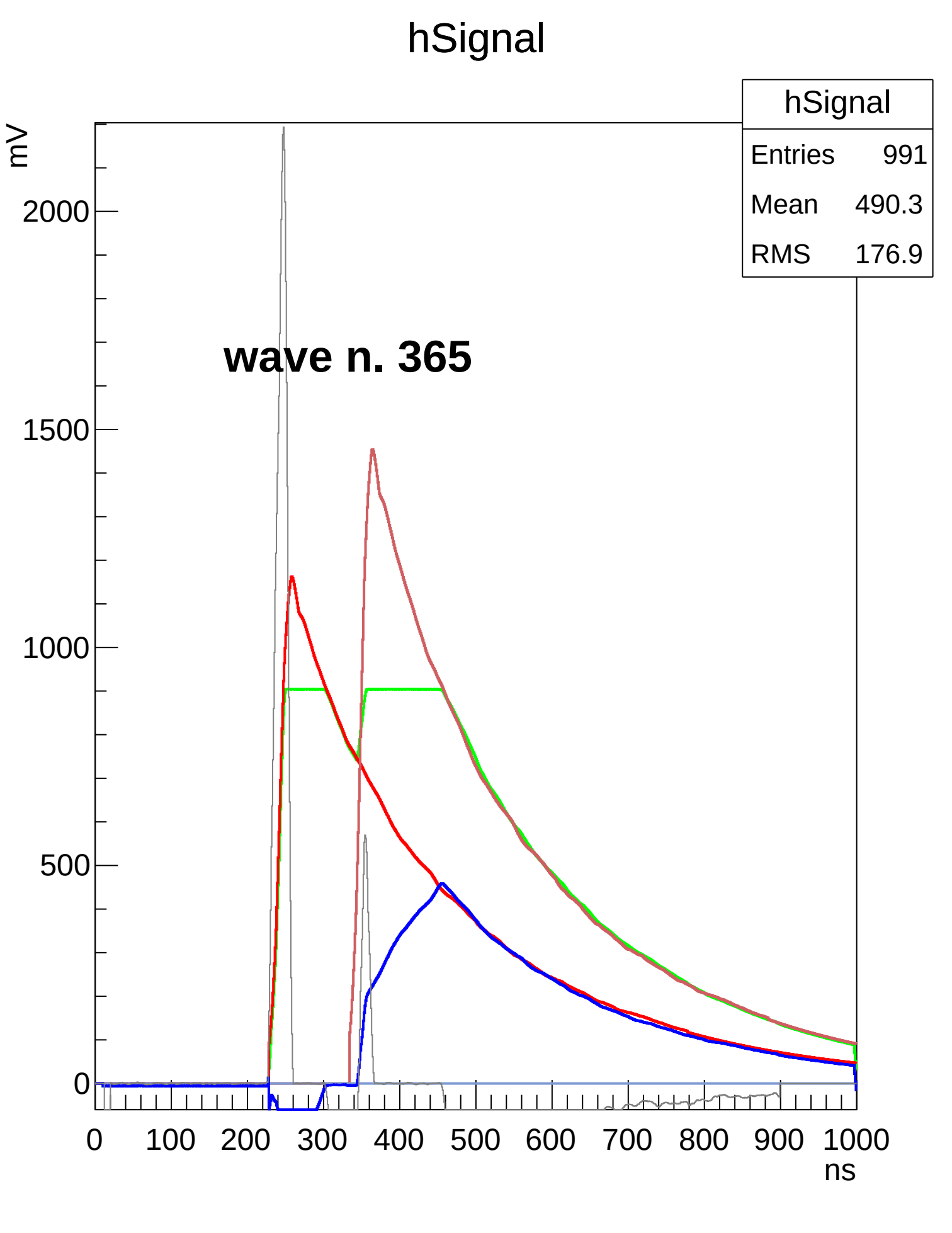

hSignal
hSignal
Entries 991
Mean 528.2
RMS 191.6
wave n. 360
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

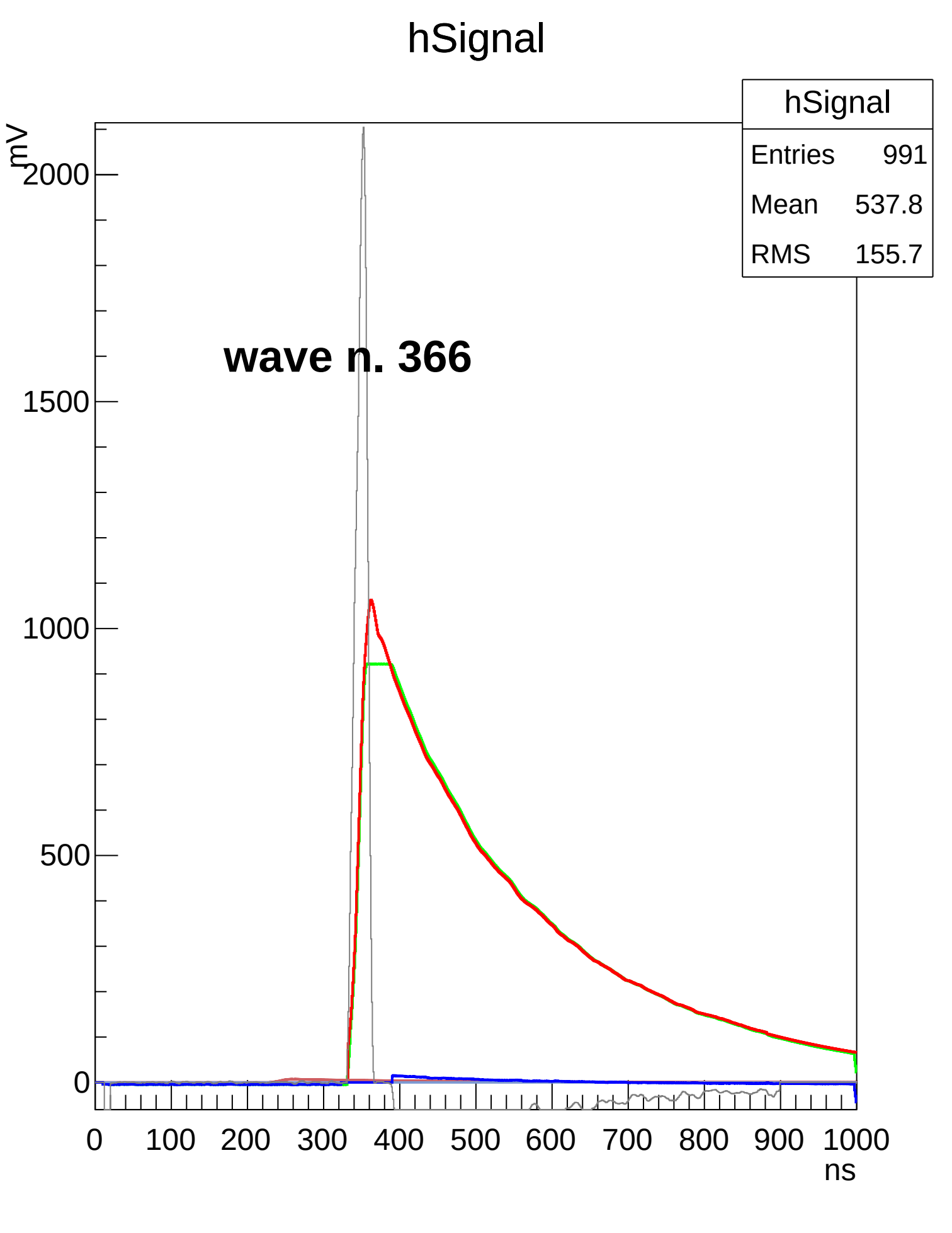

hSignal
hSignal
Entries 991
Mean 484.4
RMS 182.2
wave n. 361
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

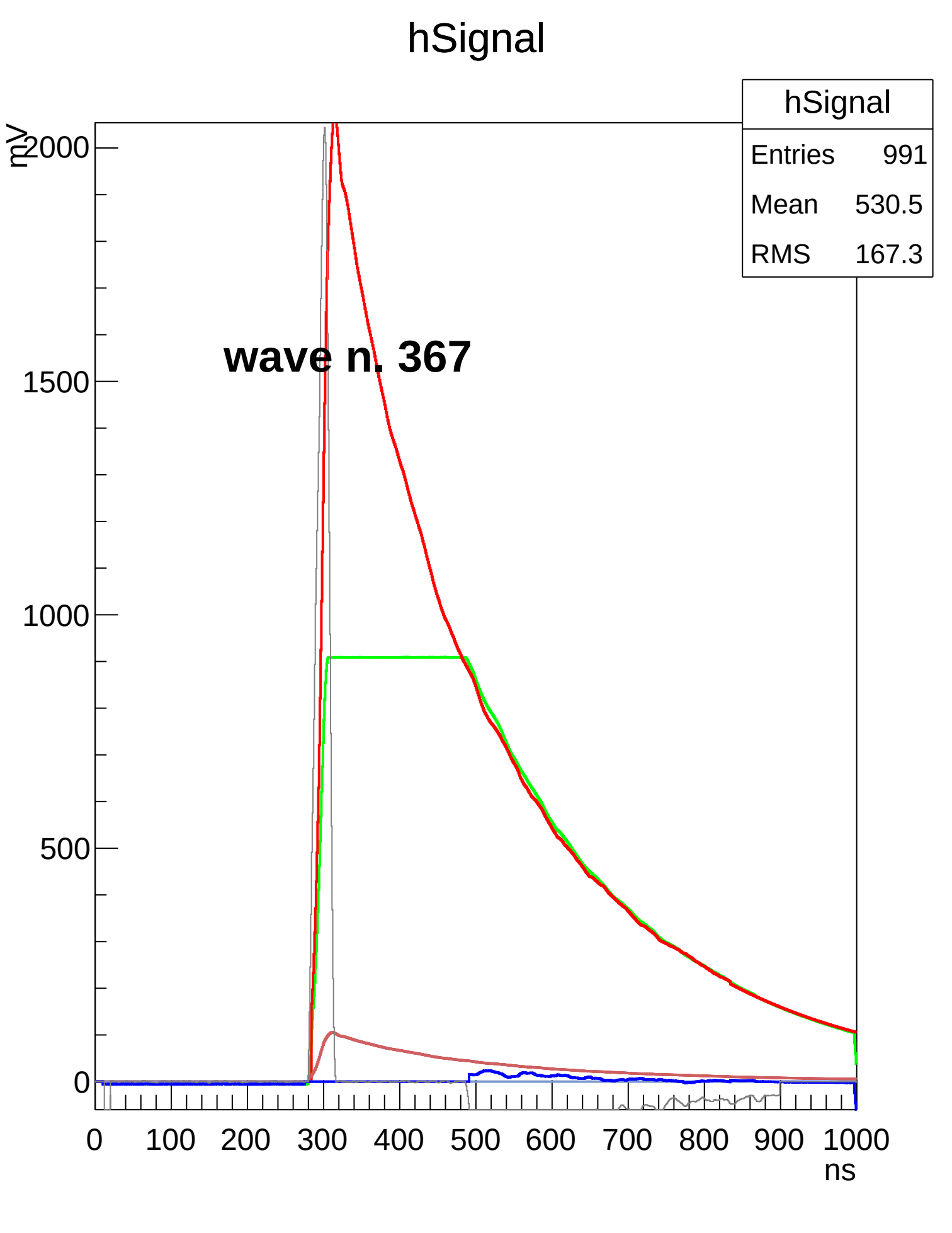

hSignal
hSignal
Entries 991
Mean 468.2
RMS 167.6
wave n. 362
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

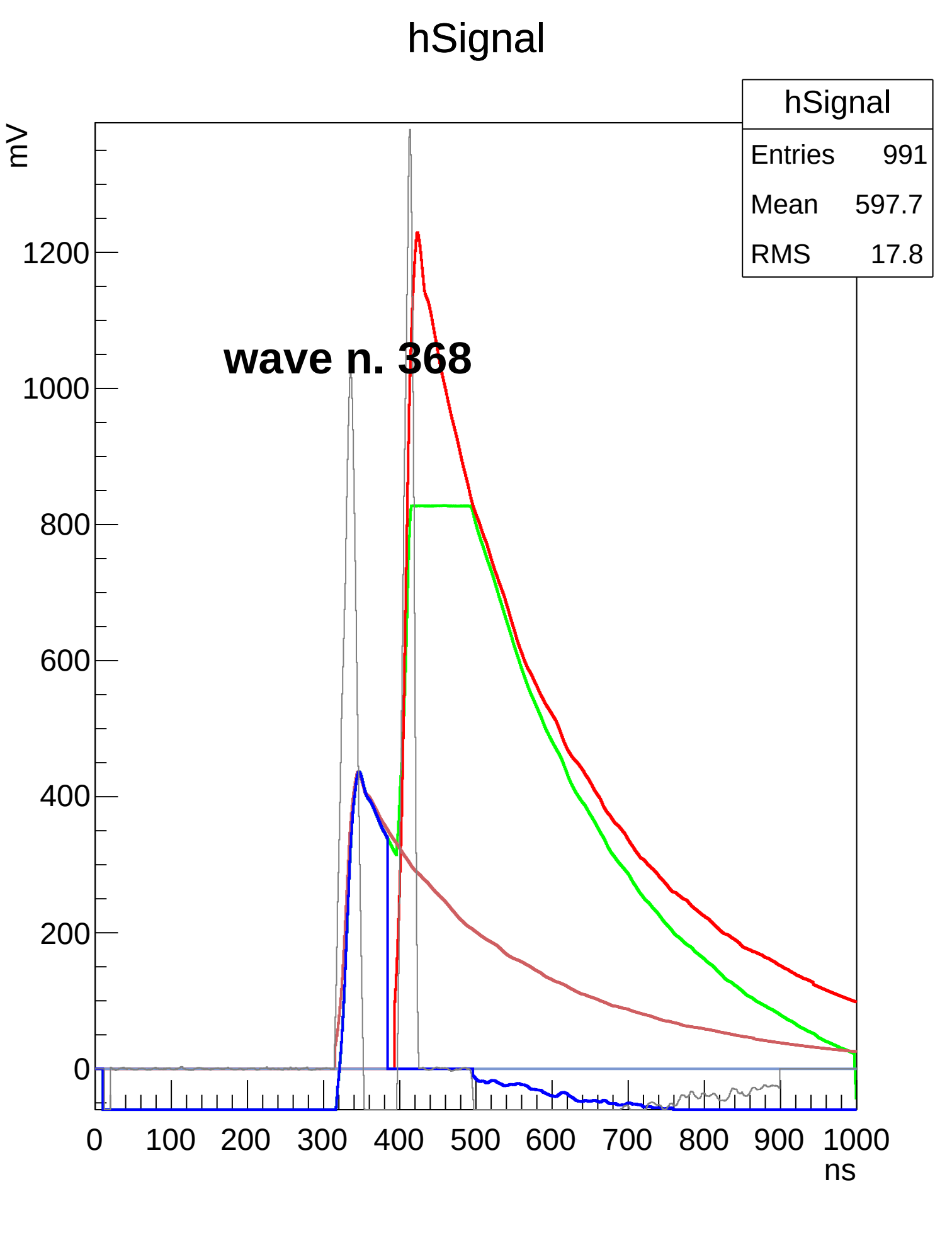

hSignal
hSignal
Entries 991
Mean 483.1
RMS 165.2
wave n. 363
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

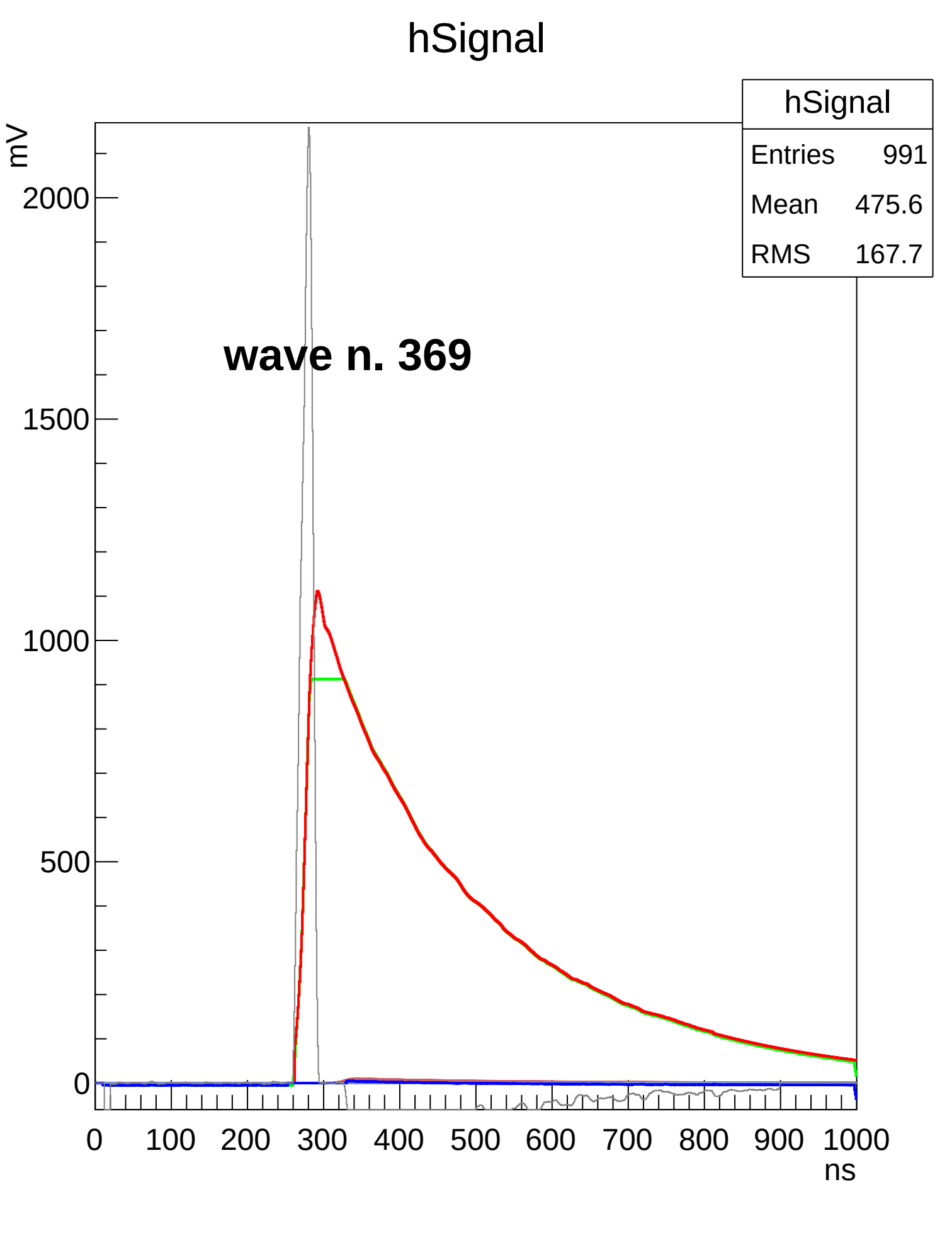

hSignal
hSignal
Entries 991
Mean 480.5
RMS 184.3
wave n. 364
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

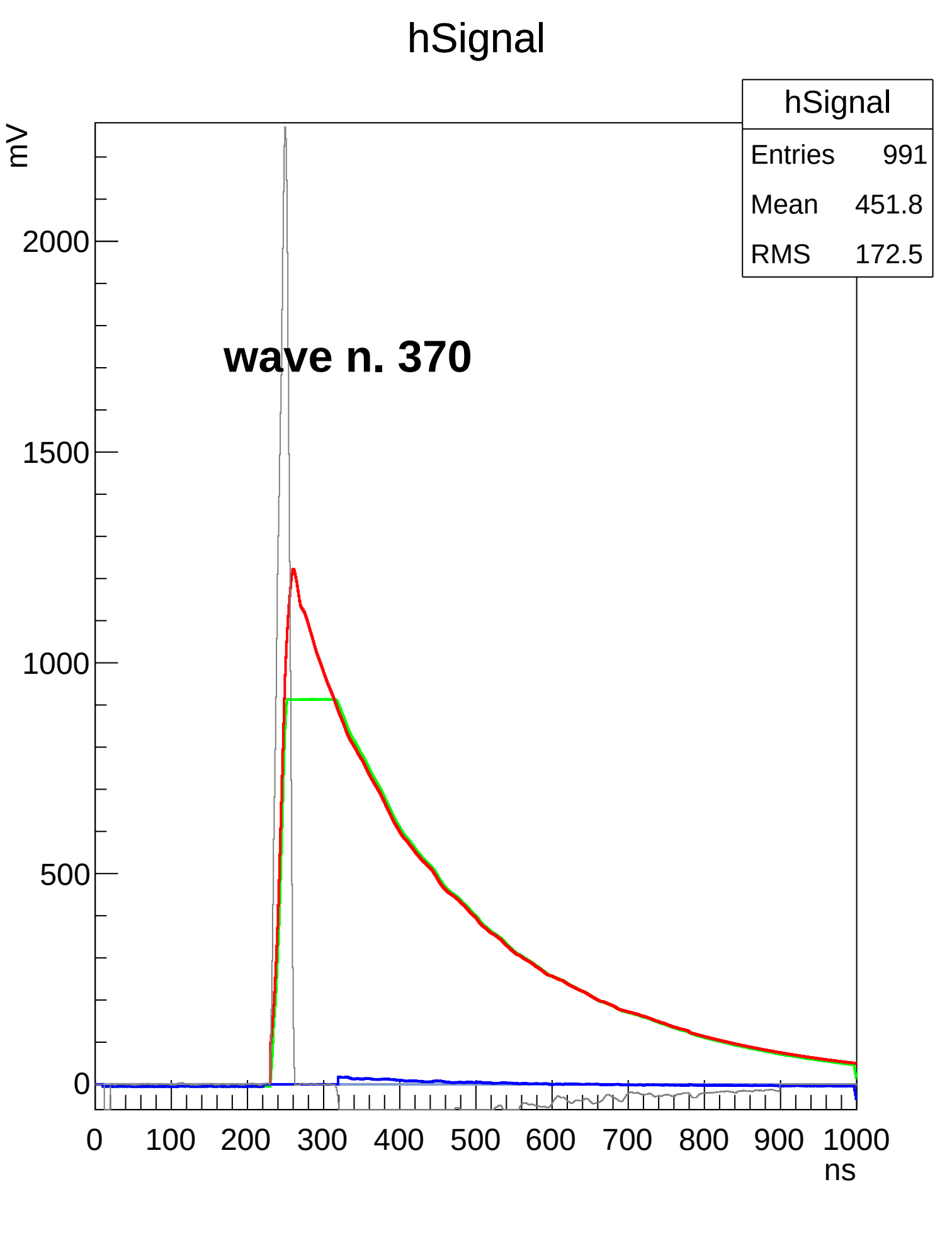

hSignal
hSignal
Entries 991
Mean 490.3
RMS 176.9
wave n. 365
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

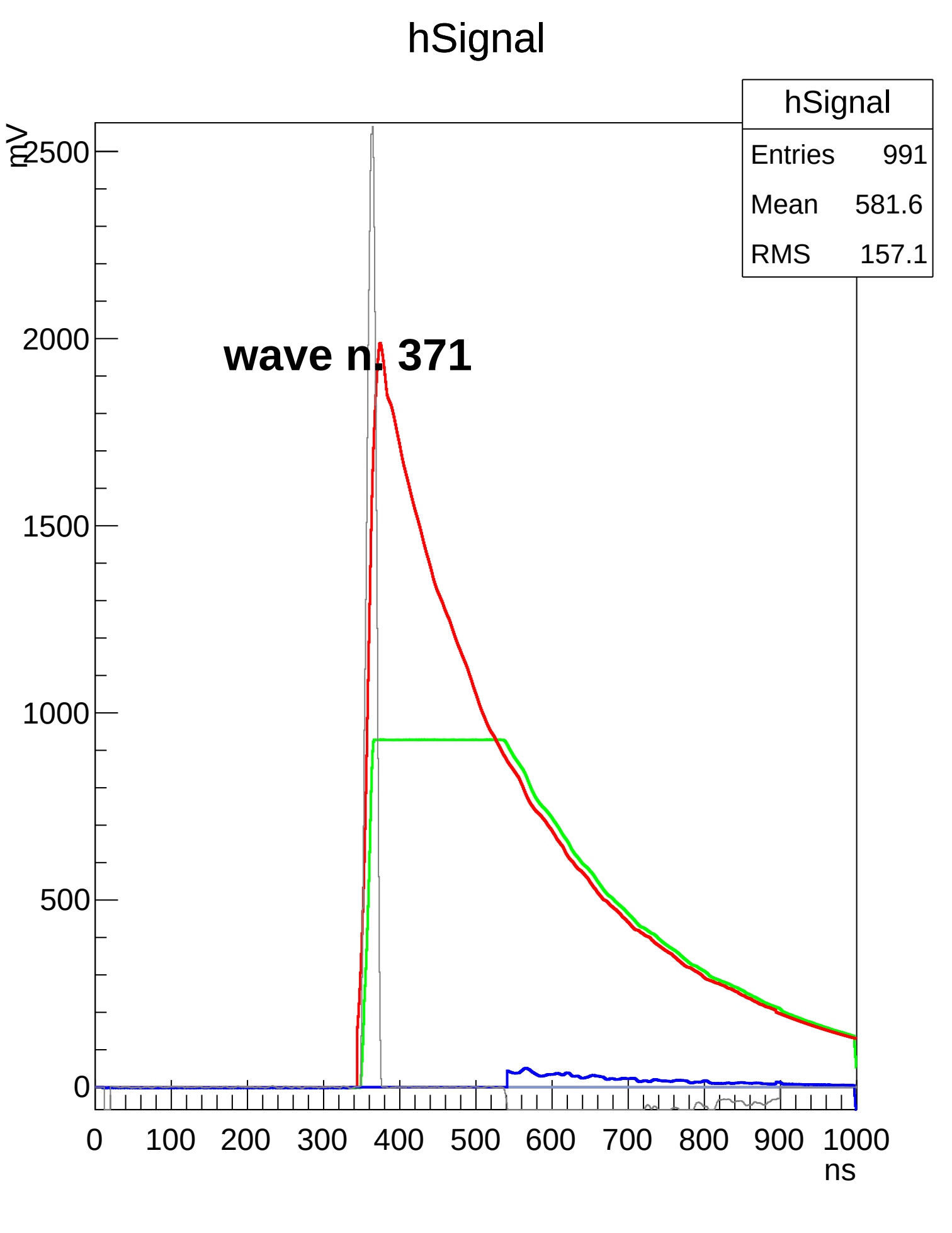

hSignal
hSignal
Entries 991
Mean 537.8
RMS 155.7
wave n. 366
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

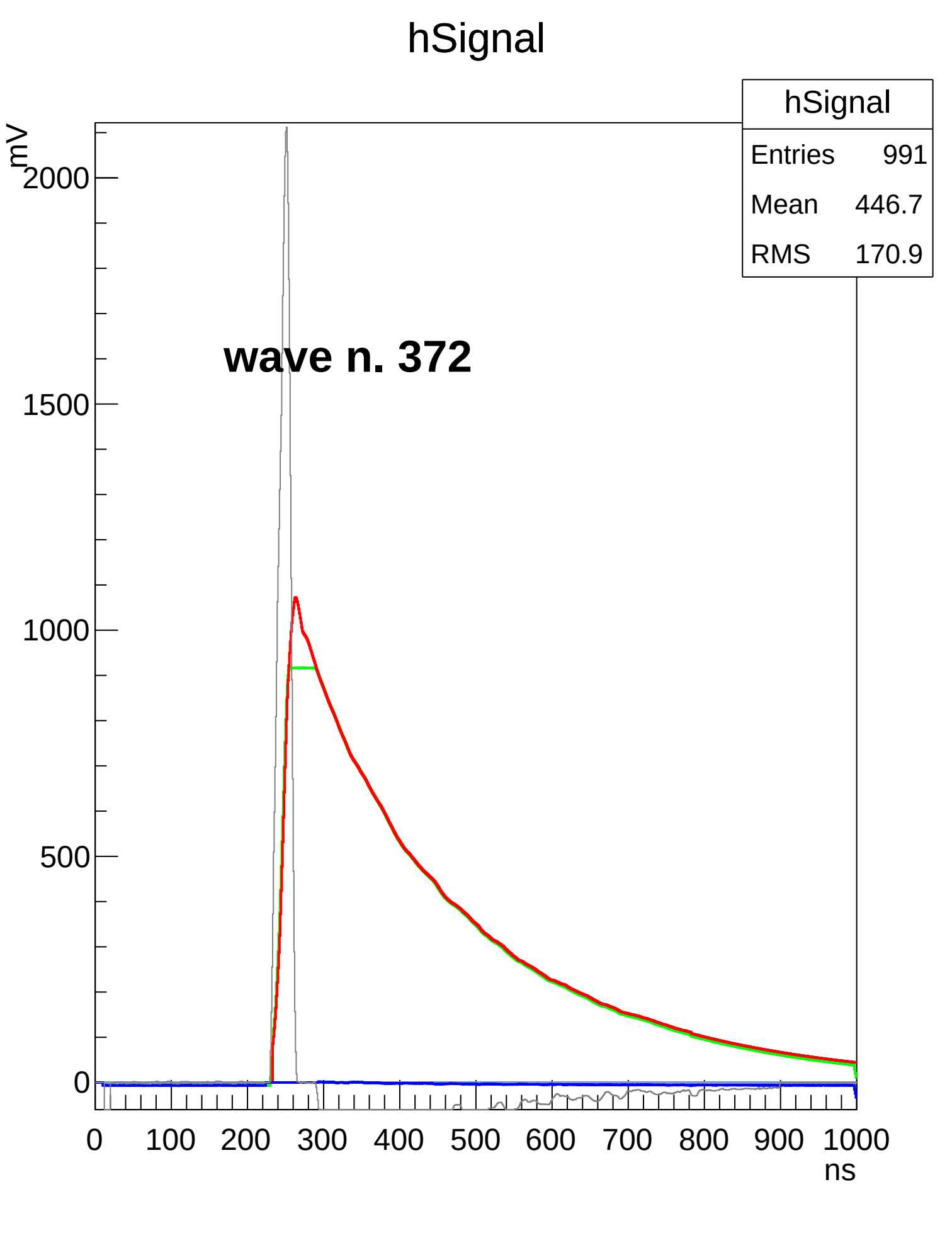

hSignal
hSignal
Entries 991
Mean 530.5
RMS 167.3
wave n. 367
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

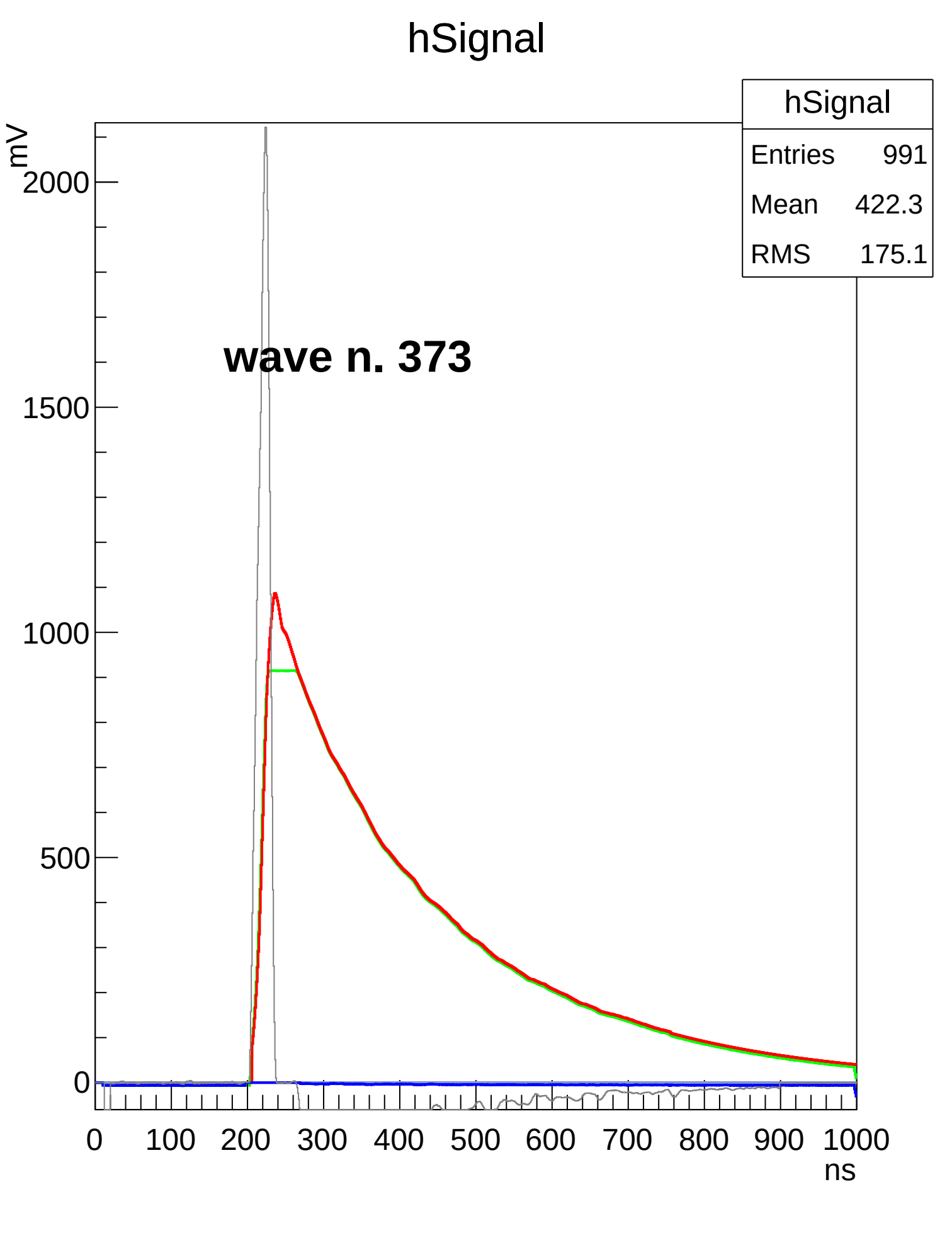

hSignal
hSignal
Entries 991
Mean 597.7
RMS 17.8
wave n. 368
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

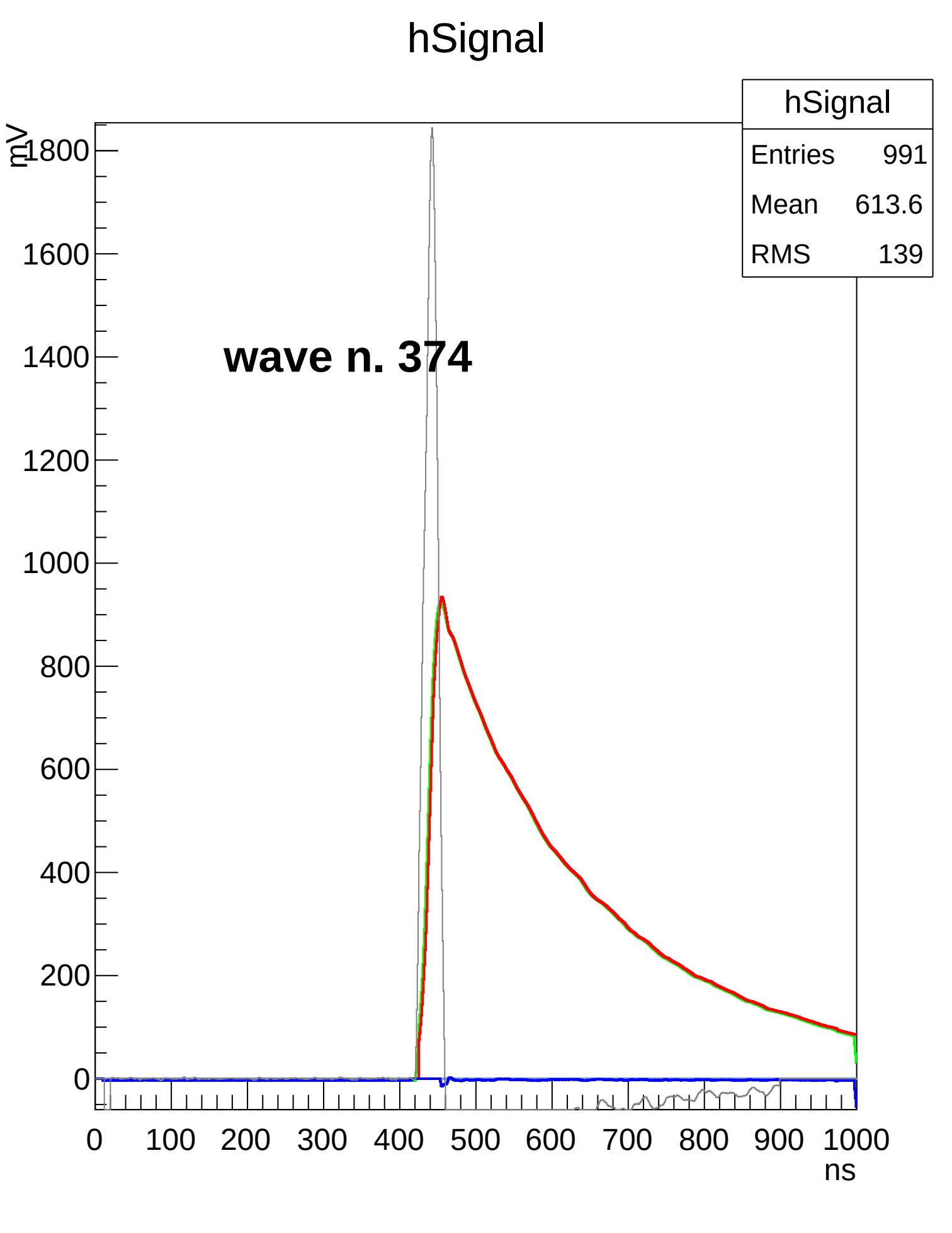

hSignal
hSignal
Entries 991
Mean 475.6
RMS 167.7
wave n. 369
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

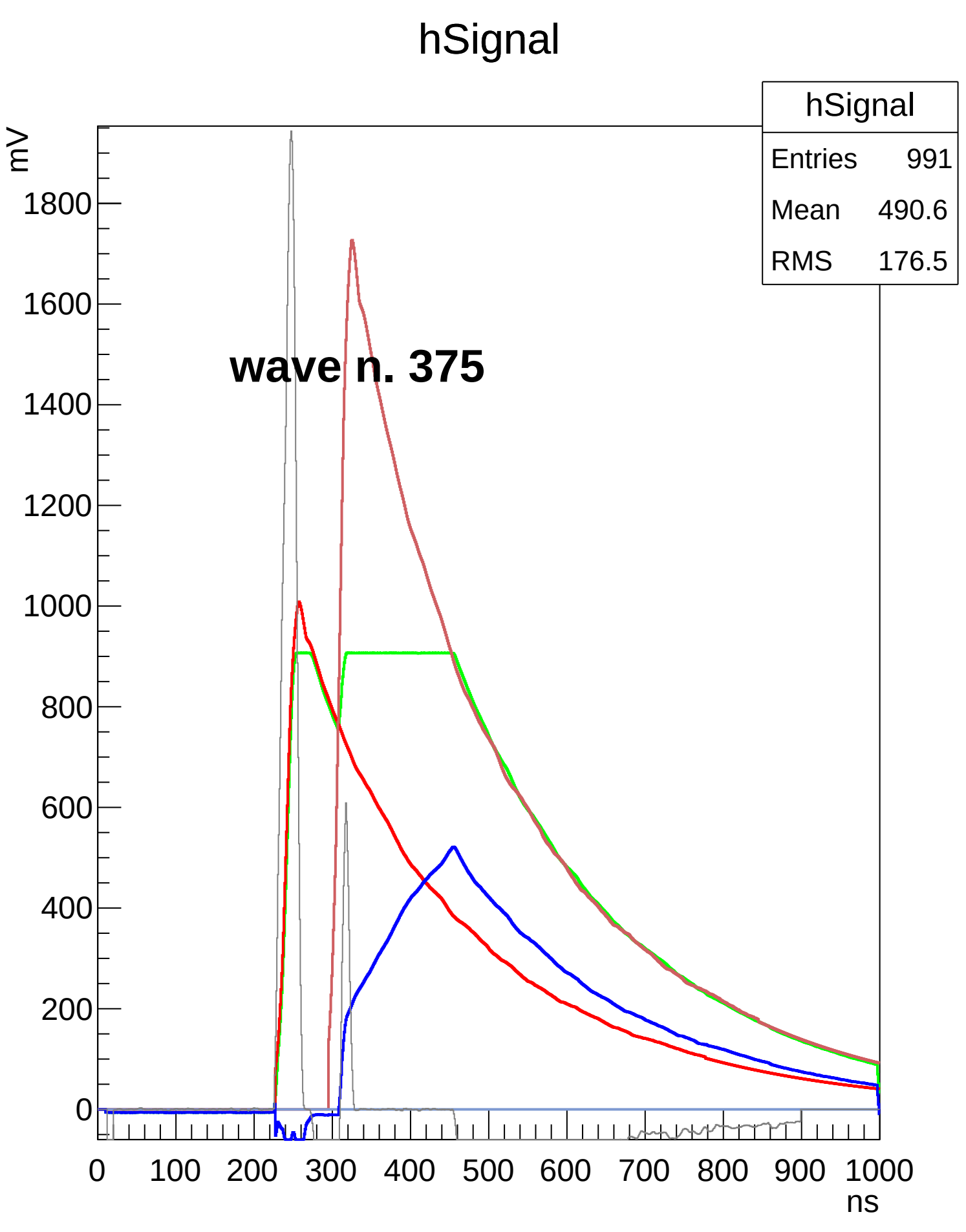

hSignal
hSignal
Entries 991
Mean 451.8
RMS 172.5
wave n. 370
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

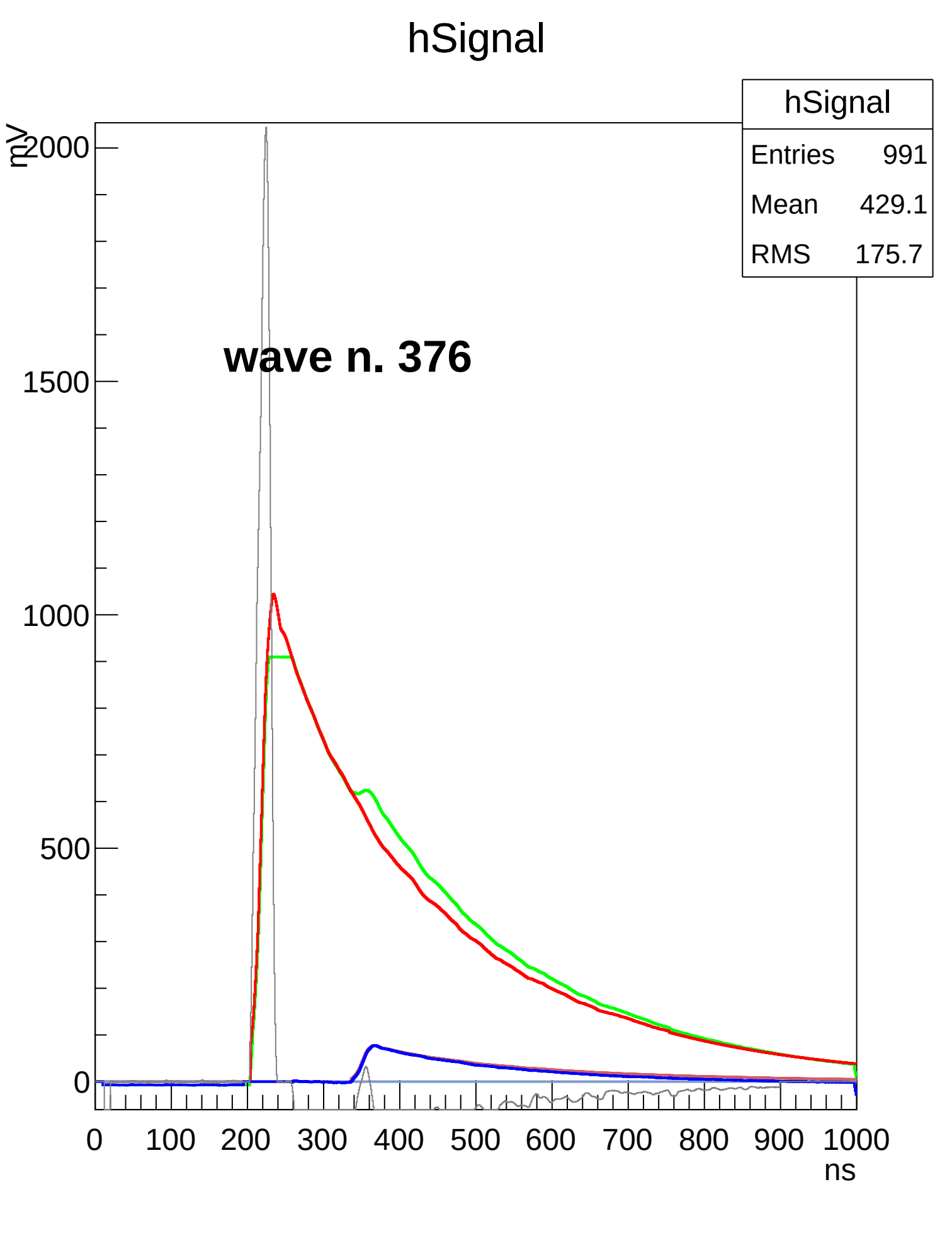

hSignal
hSignal
Entries 991
Mean 581.6
RMS 157.1
wave n. 371
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

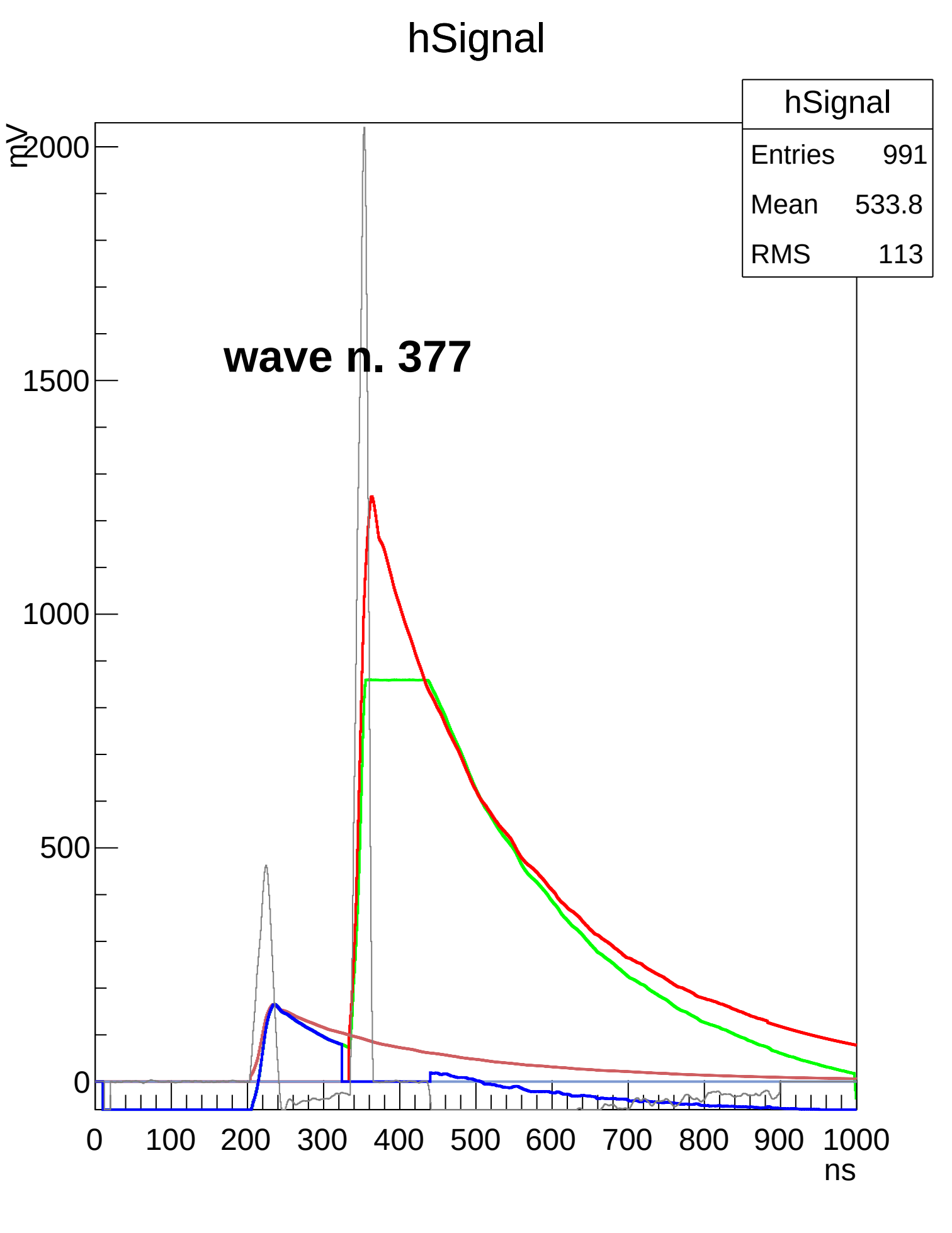

hSignal
hSignal
Entries 991
Mean 446.7
RMS 170.9
wave n. 372
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

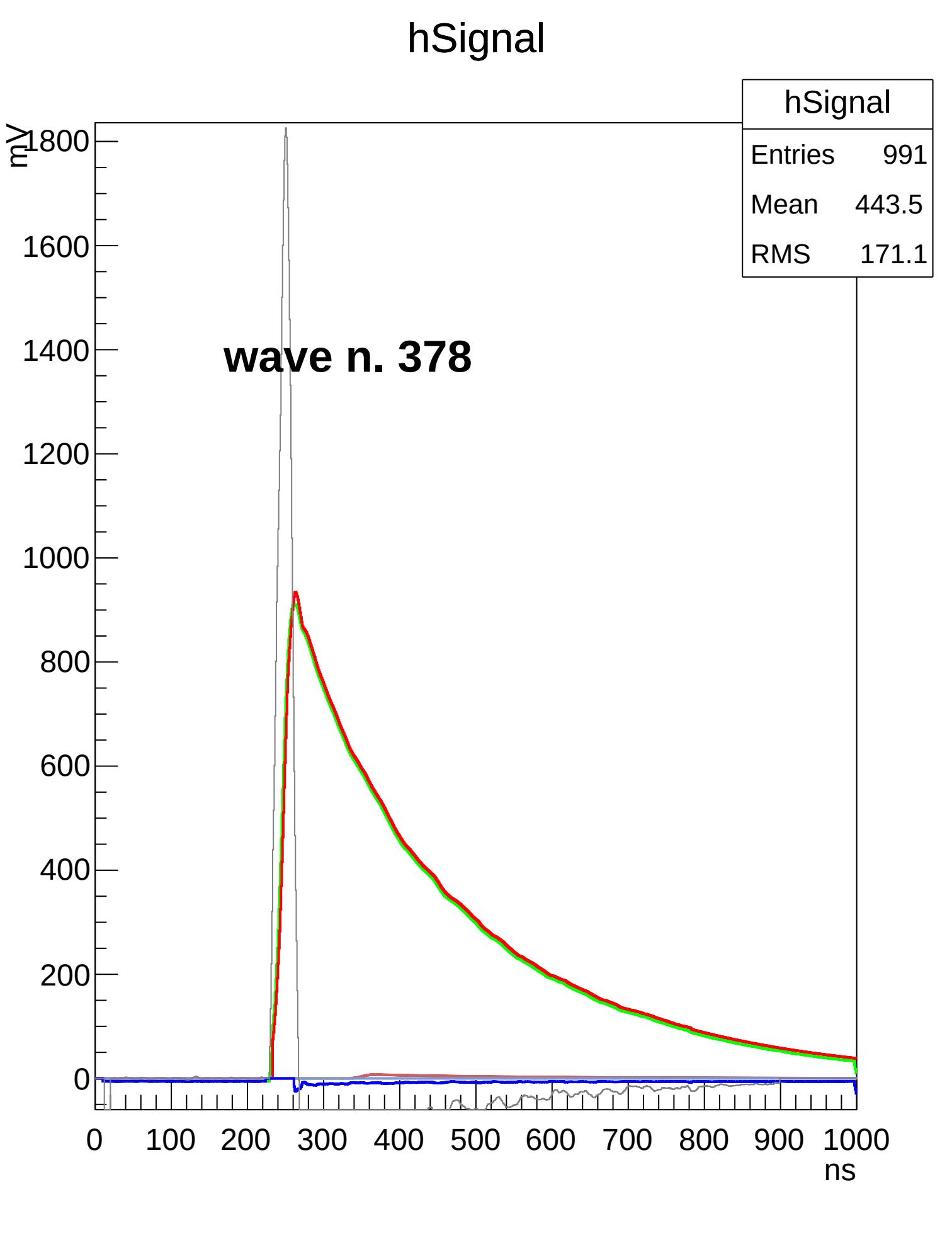

hSignal
hSignal
Entries 991
Mean 422.3
RMS 175.1
wave n. 373
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

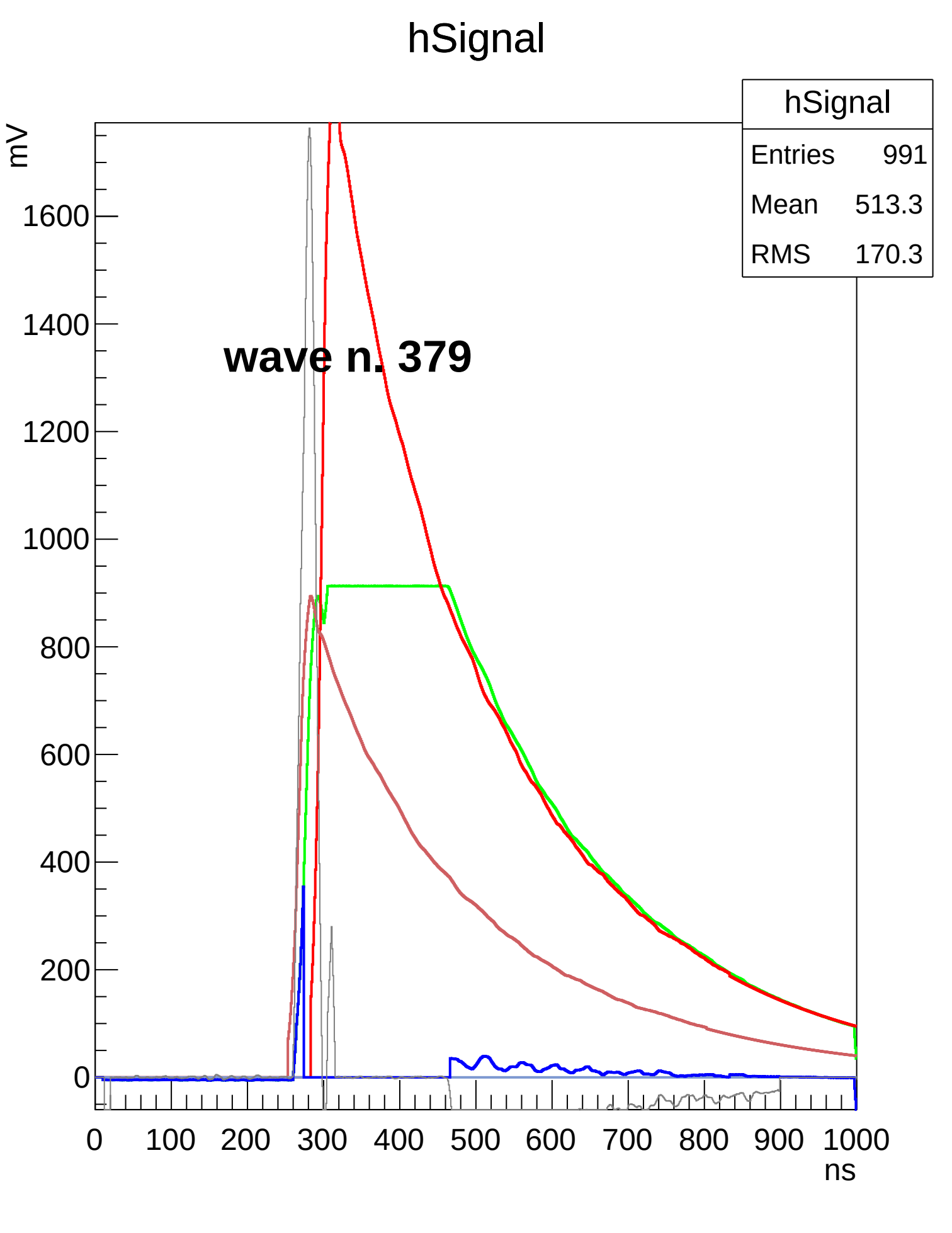

hSignal
hSignal
Entries 991
Mean 613.6
RMS 139
wave n. 374
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

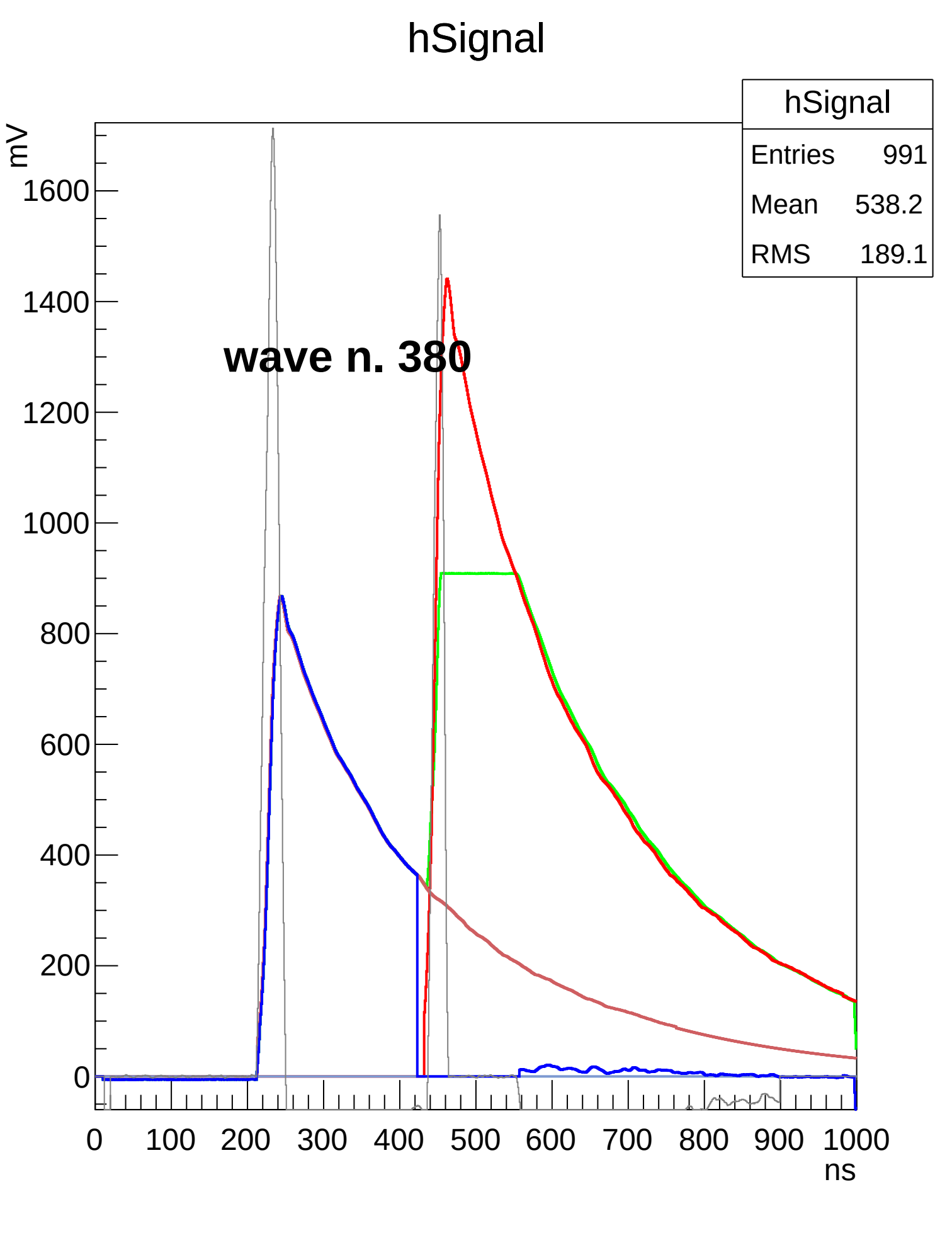

hSignal
hSignal
Entries 991
Mean 490.6
RMS 176.5
wave n. 375
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

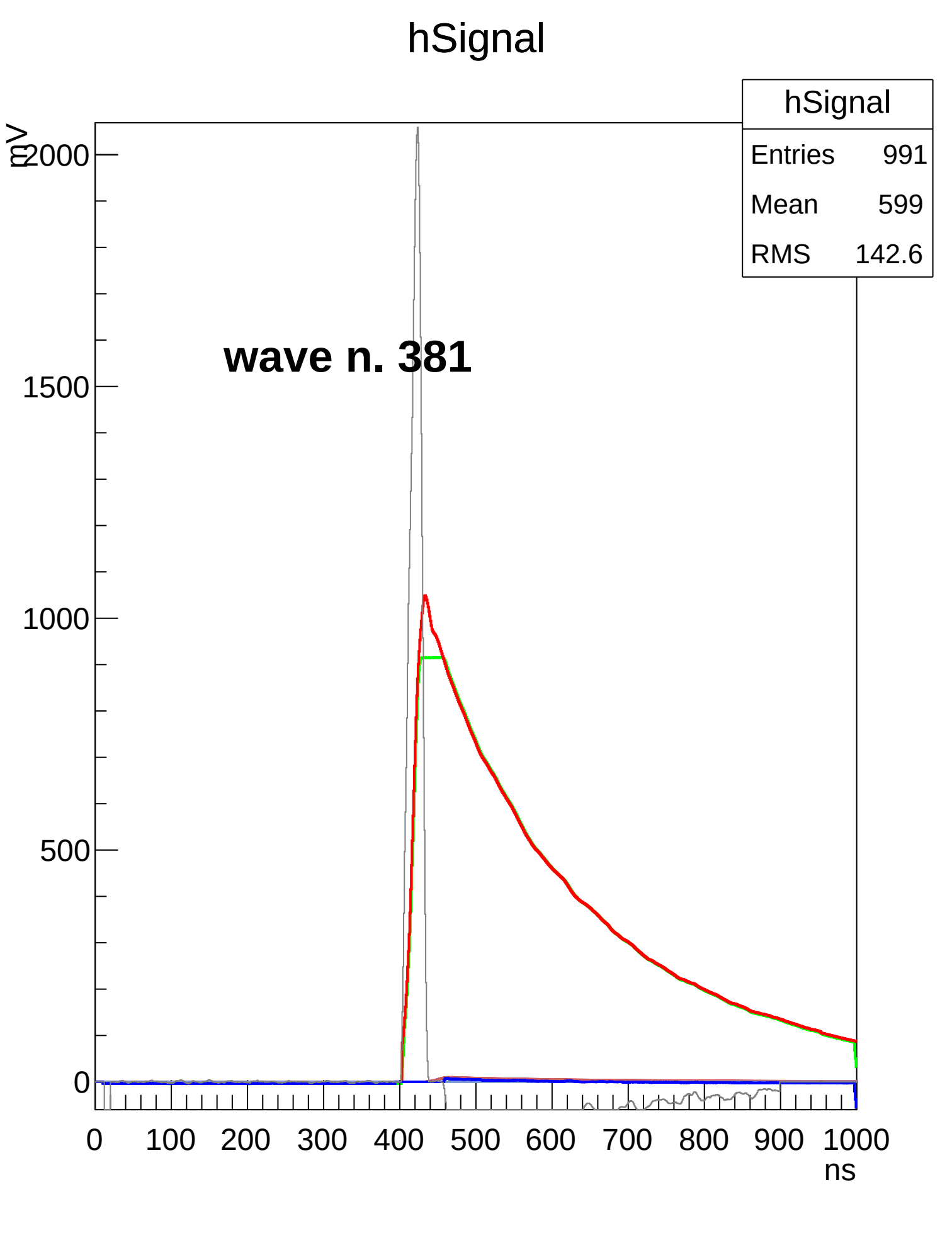

hSignal
hSignal
Entries 991
Mean 429.1
RMS 175.7
wave n. 376
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

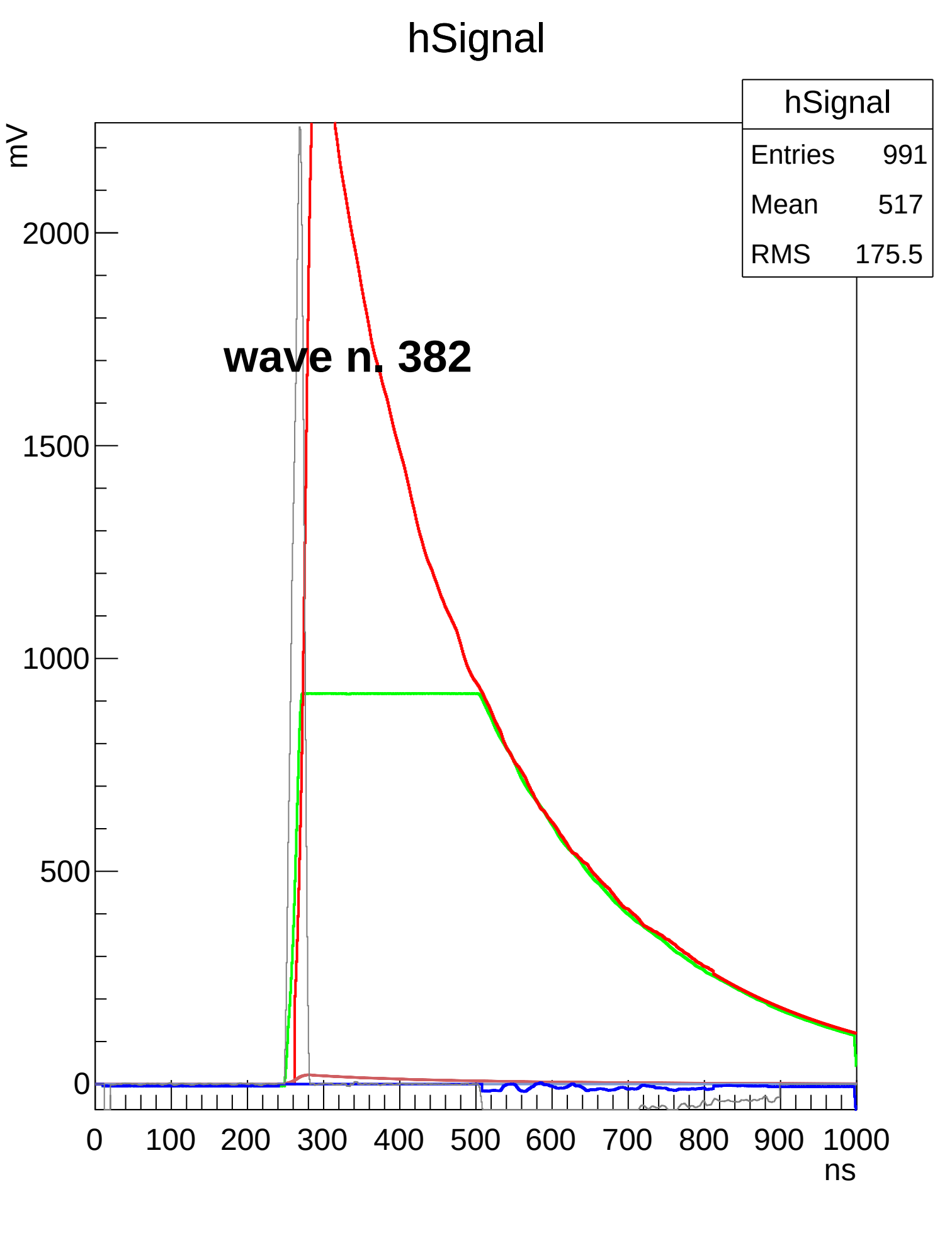

hSignal
hSignal
Entries 991
Mean 533.8
RMS 113
wave n. 377
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

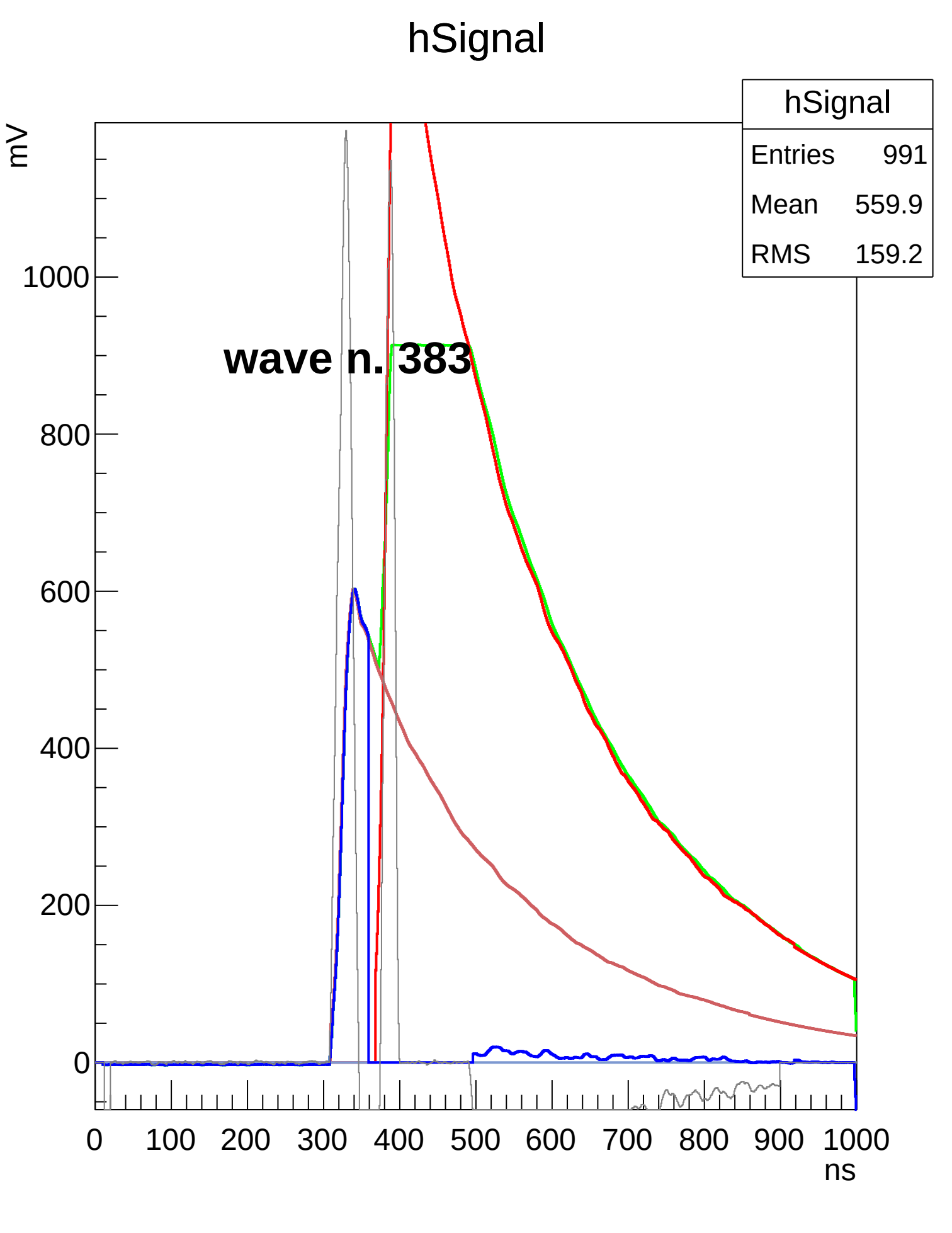

hSignal
hSignal
Entries 991
Mean 443.5
RMS 171.1
wave n. 378
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

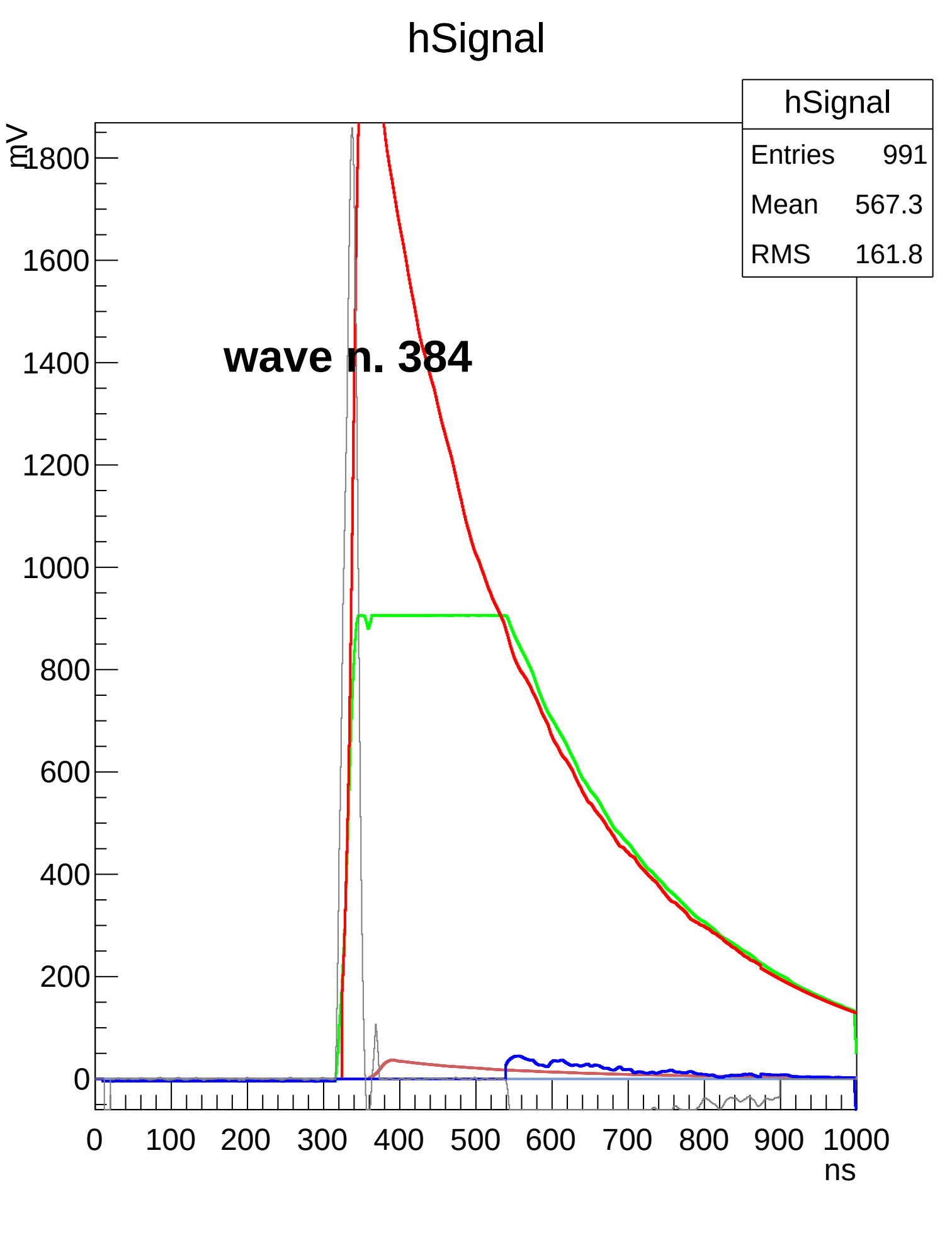

hSignal
hSignal
Entries 991
Mean 513.3
RMS 170.3
wave n. 379
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

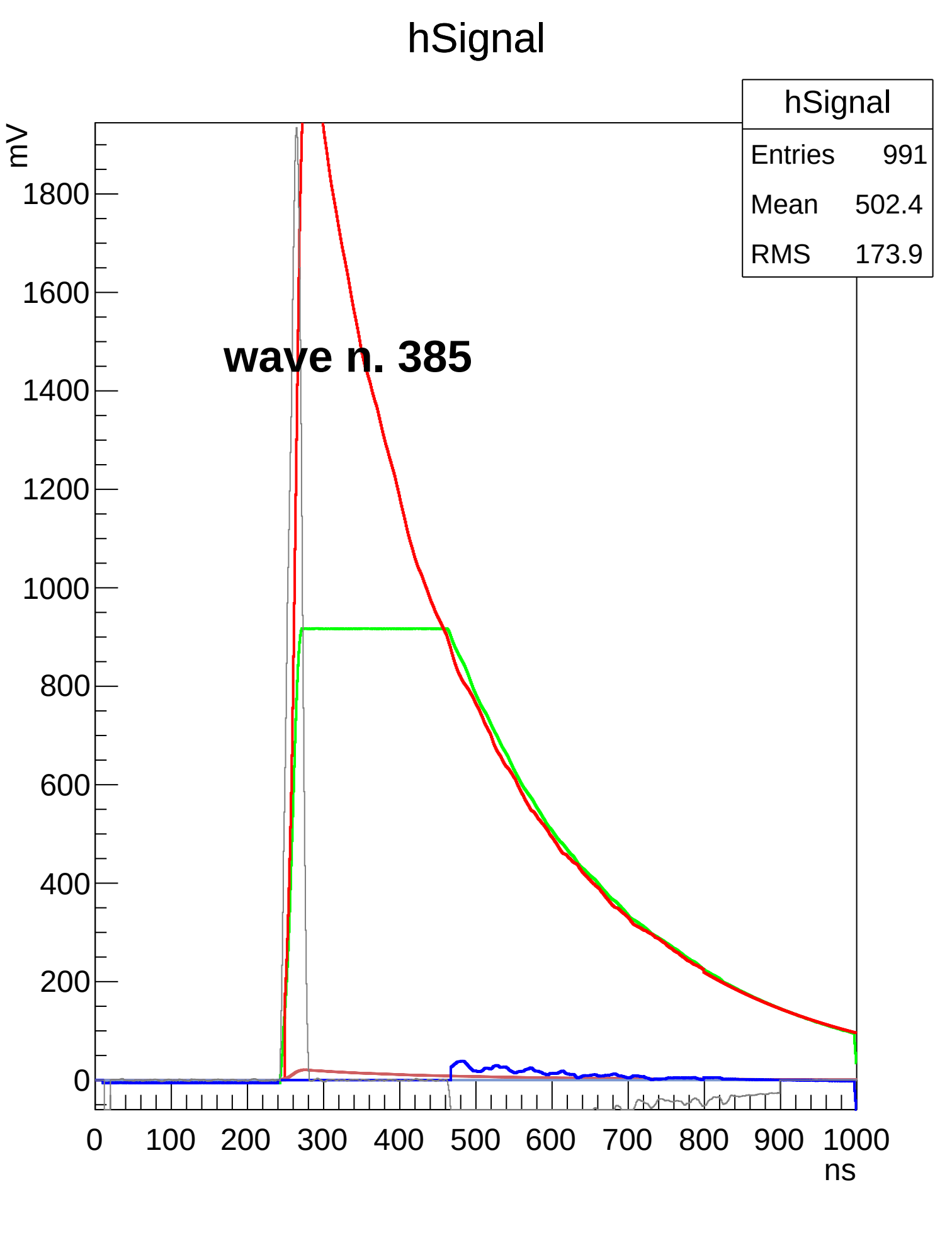

hSignal
hSignal
Entries 991
Mean 538.2
RMS 189.1
wave n. 380
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

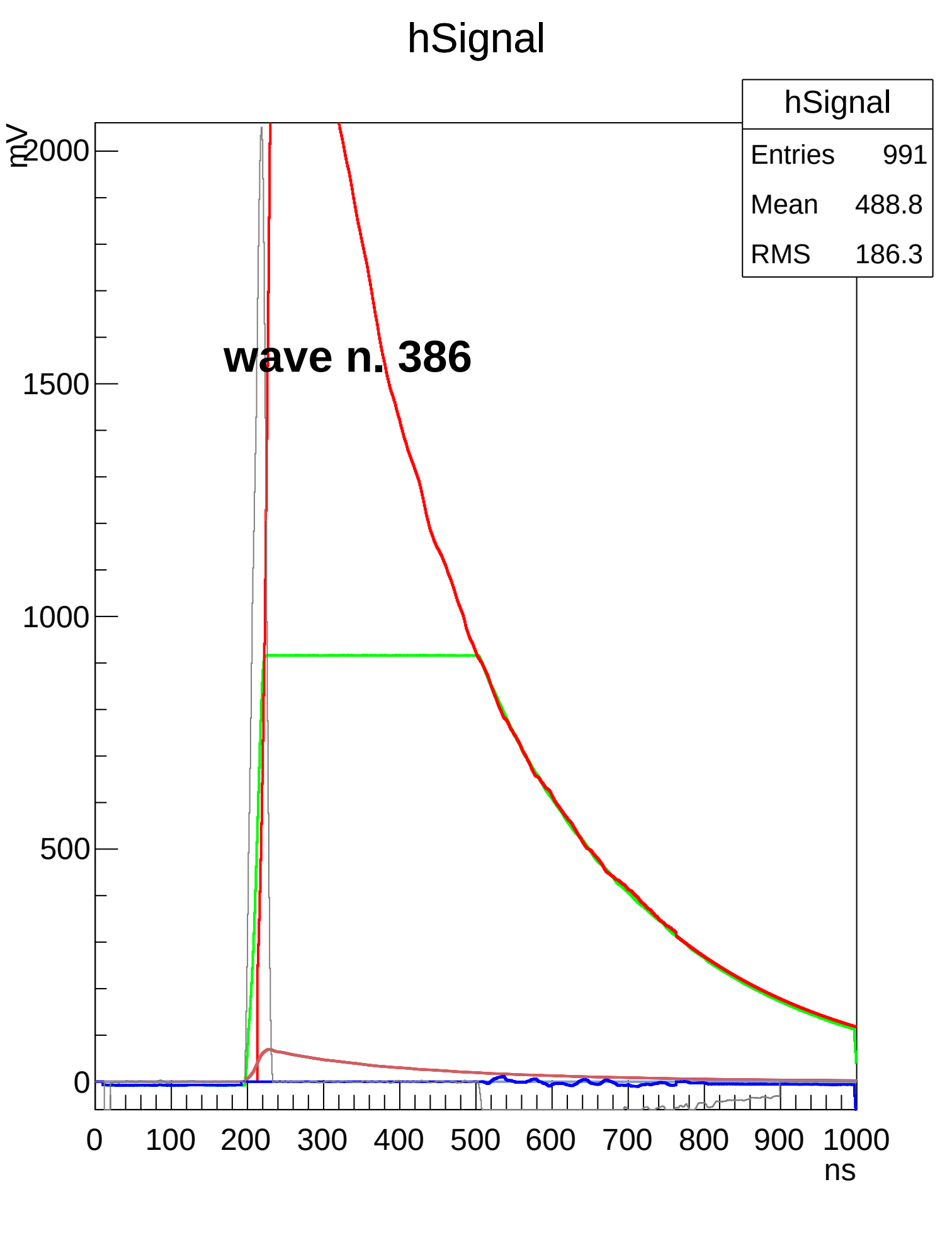

hSignal
hSignal
Entries 991
Mean 599
RMS 142.6
wave n. 381
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

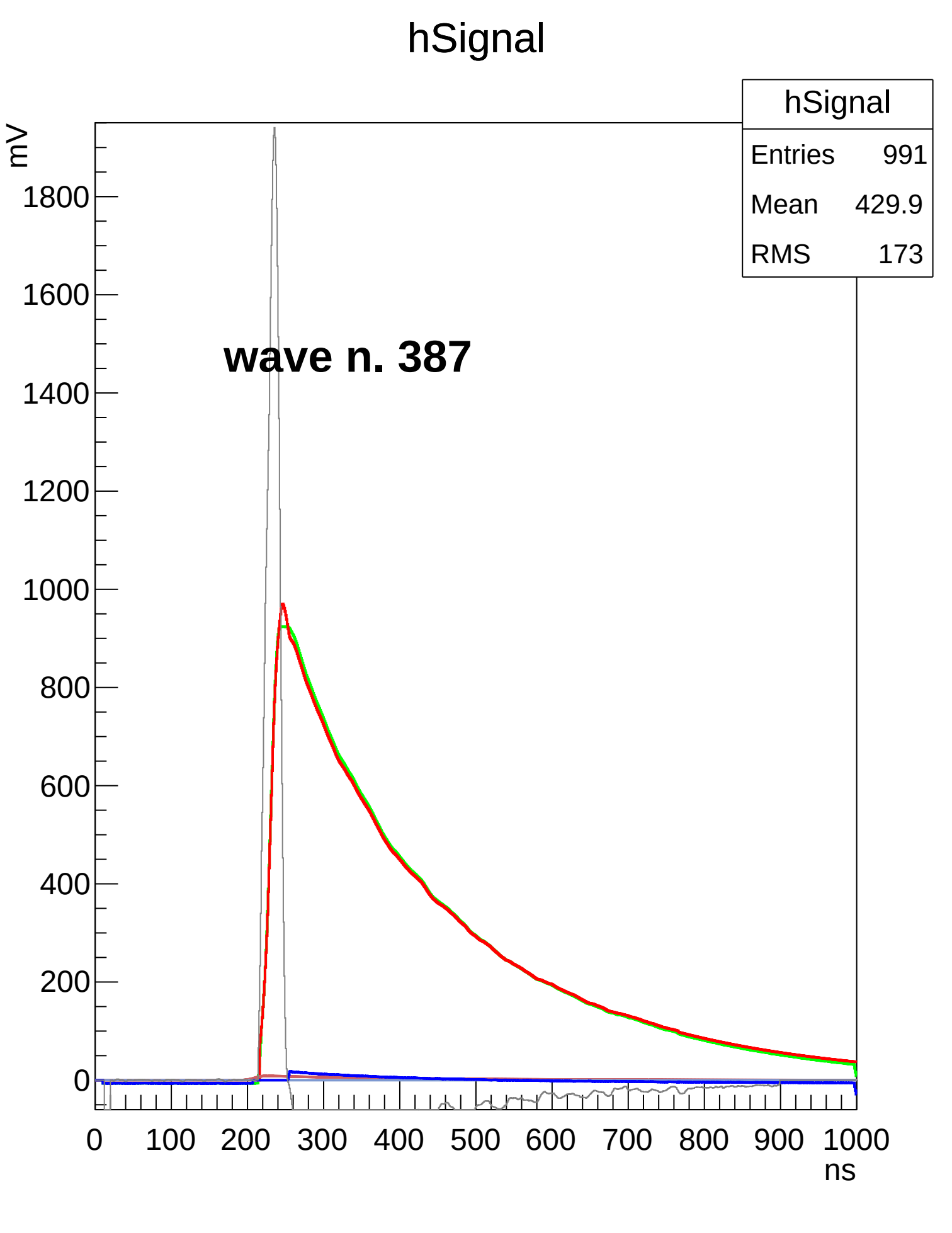

hSignal
hSignal
Entries 991
Mean 517
RMS 175.5
wave n. 382
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

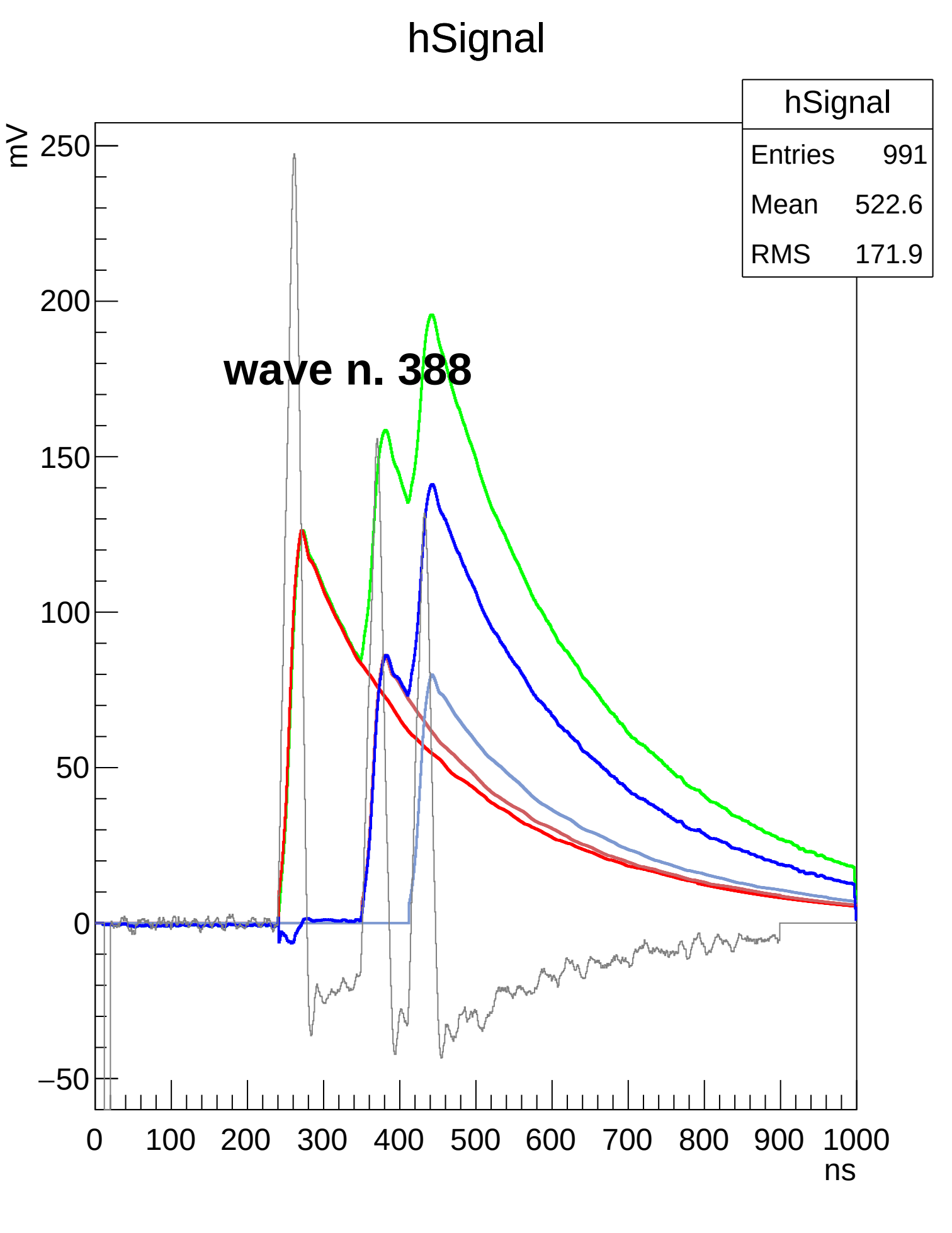

hSignal
hSignal
Entries 991
Mean 559.9
RMS 159.2
wave n. 383
mV
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

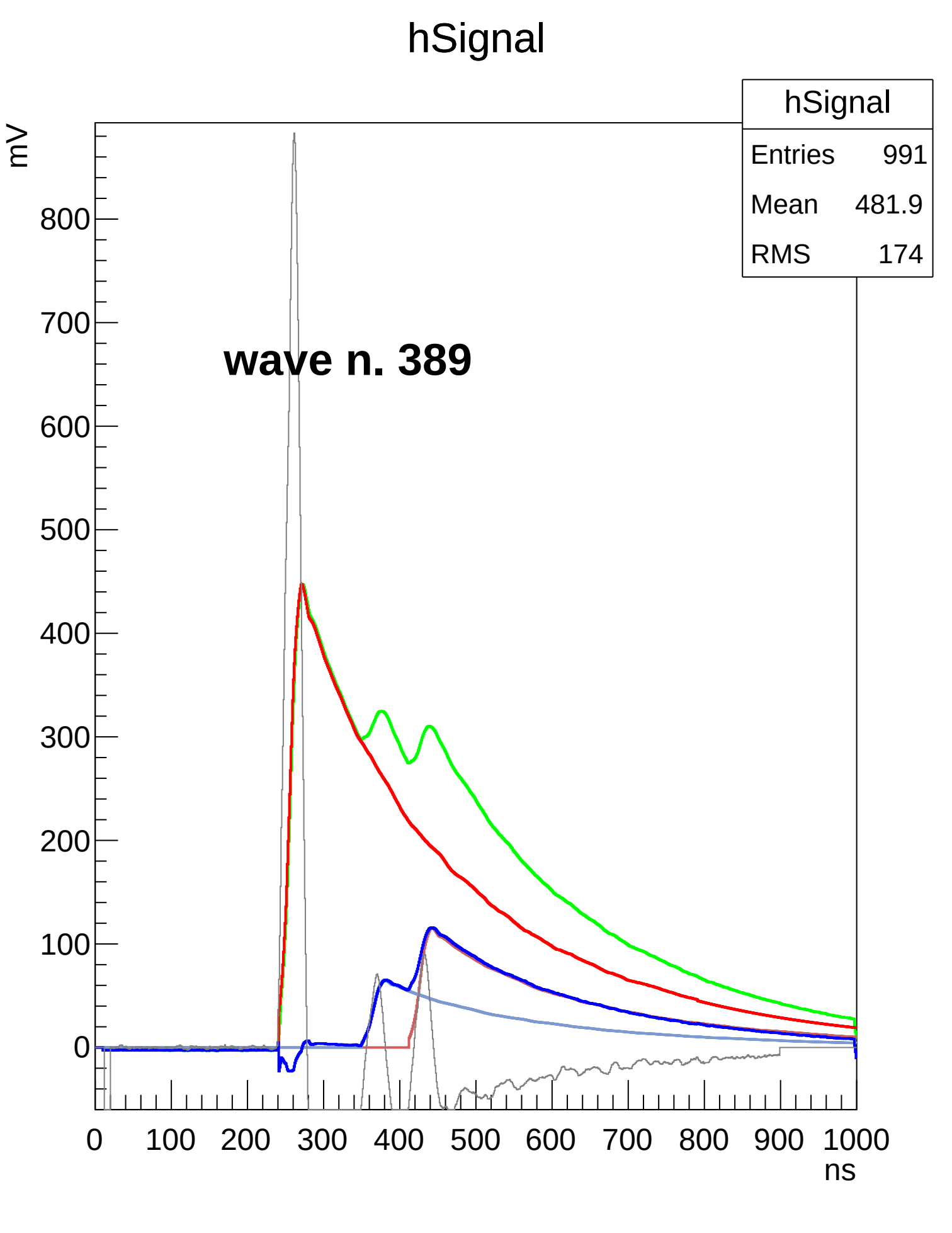

hSignal
hSignal
Entries 991
Mean 567.3
RMS 161.8
wave n. 384
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

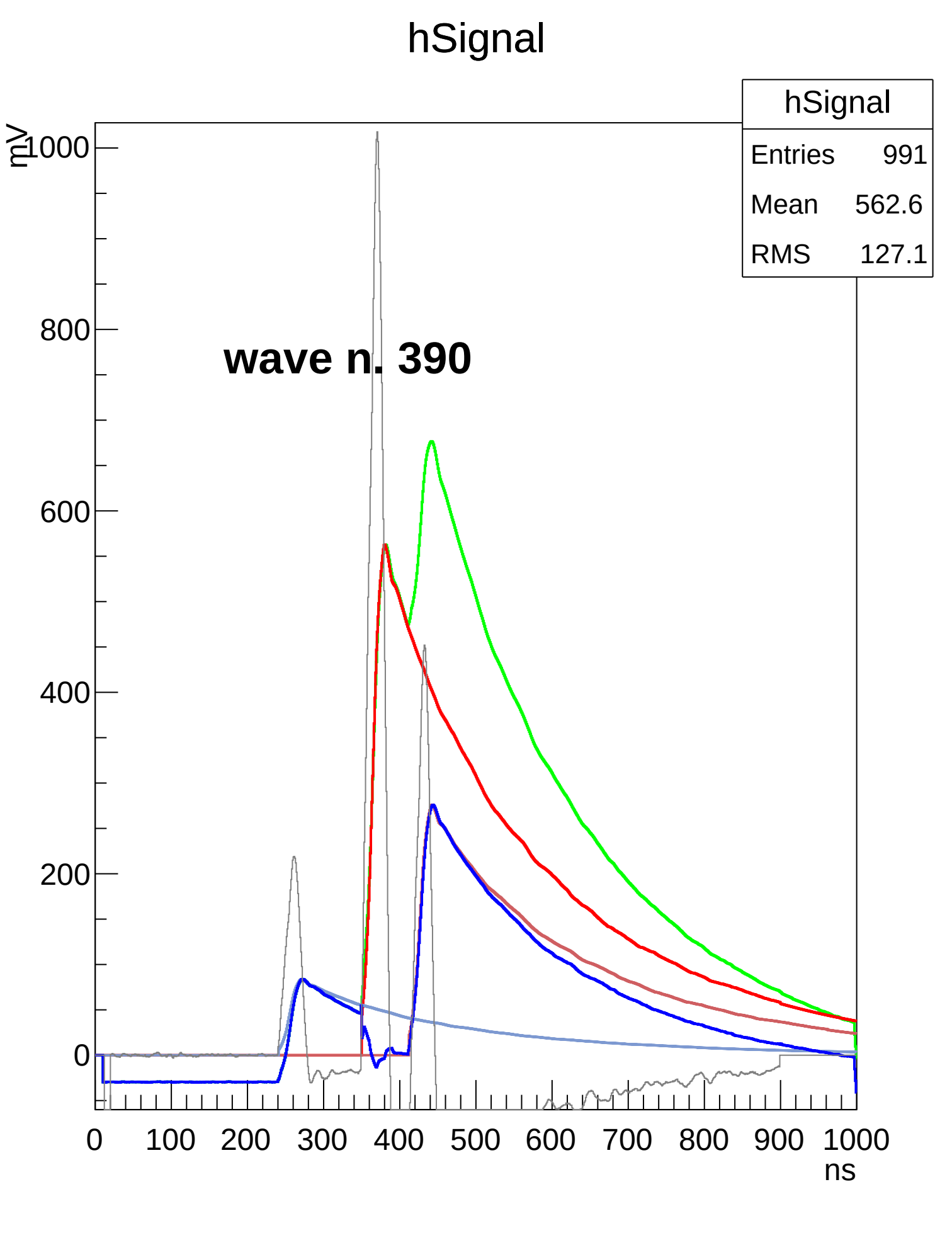

hSignal
hSignal
Entries 991
Mean 502.4
RMS 173.9
wave n. 385
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

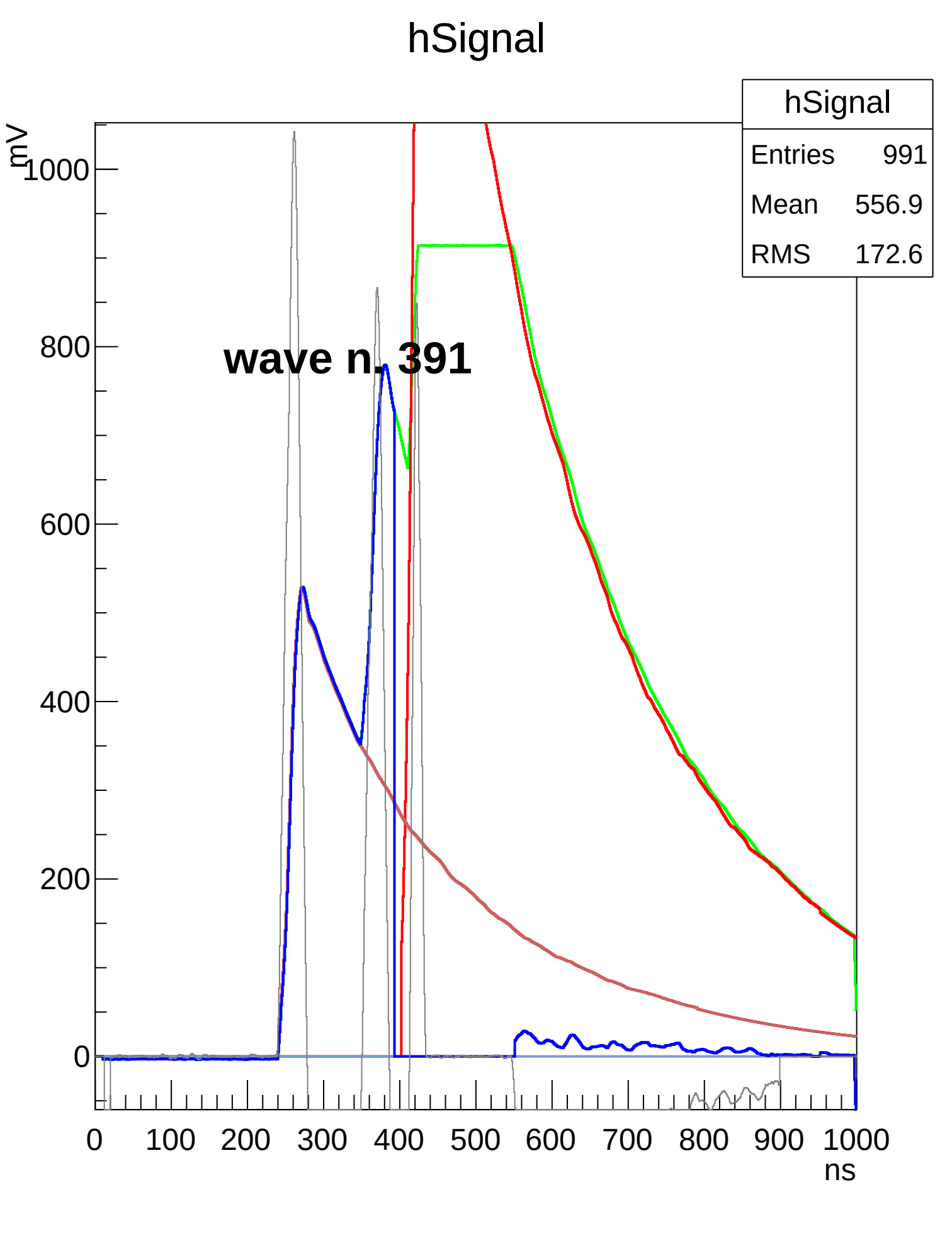

hSignal
hSignal
Entries 991
Mean 488.8
RMS 186.3
wave n. 386
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

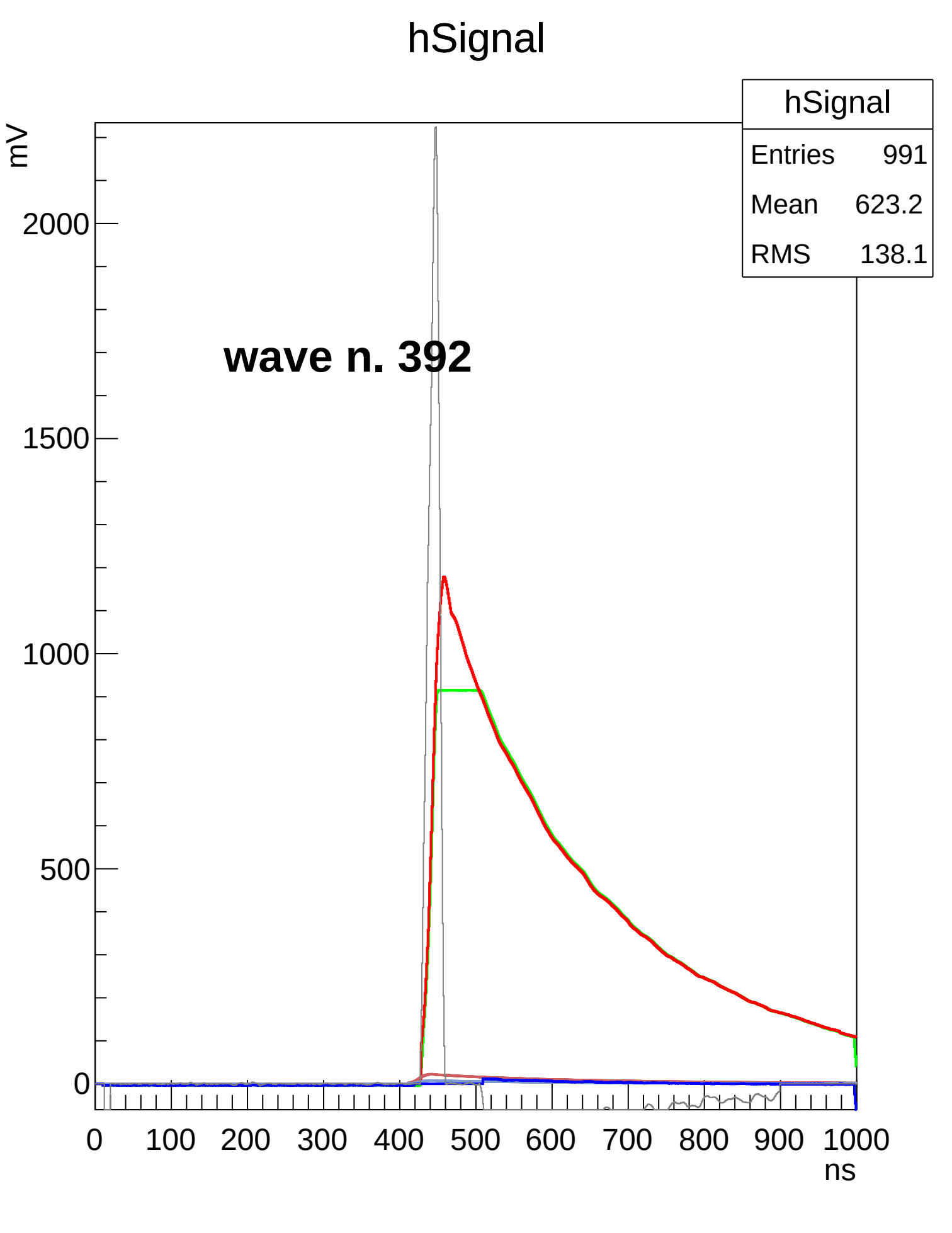

hSignal
hSignal
Entries 991
Mean 429.9
RMS 173
wave n. 387
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

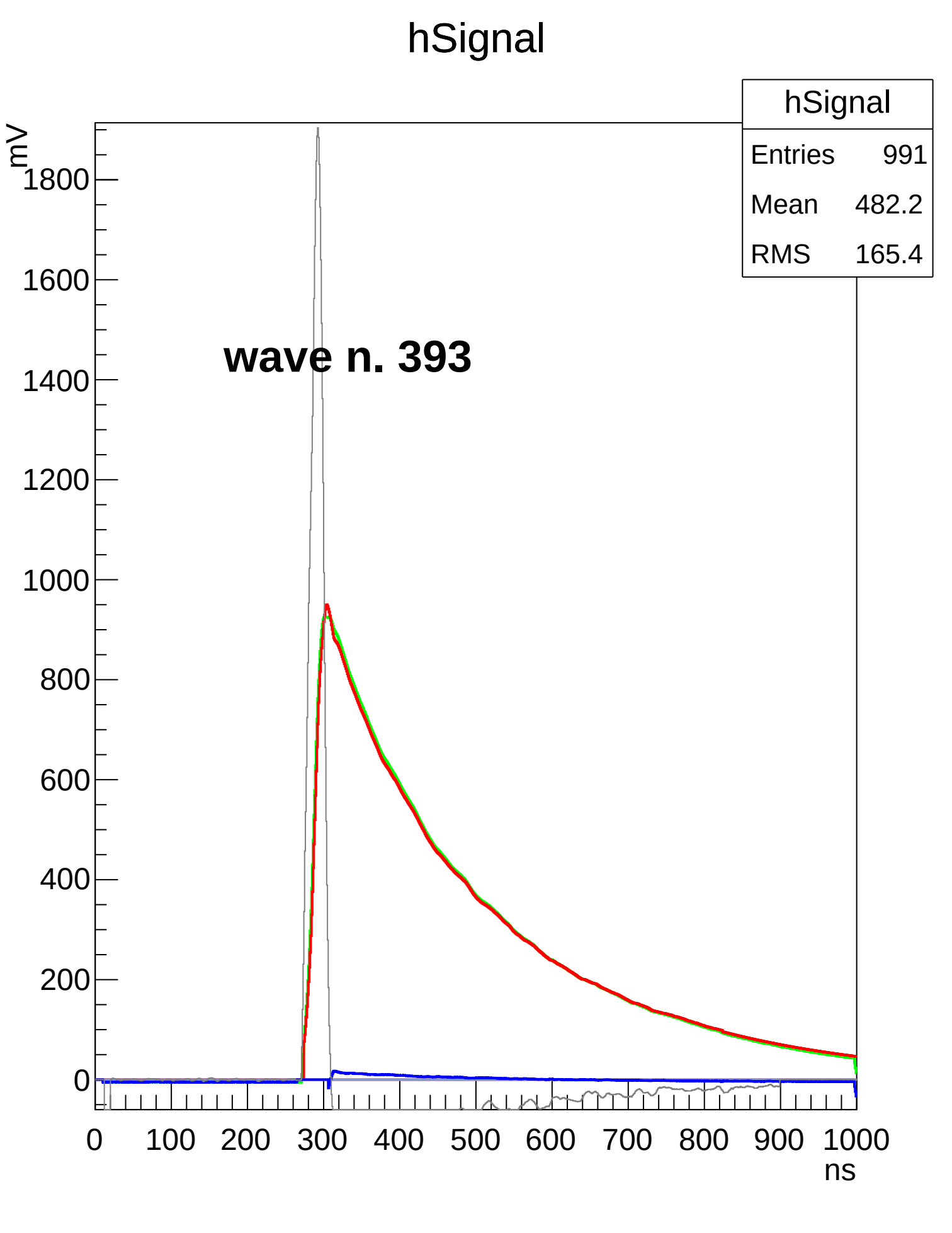

hSignal
hSignal
Entries 991
Mean 522.6
RMS 171.9
wave n. 388
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

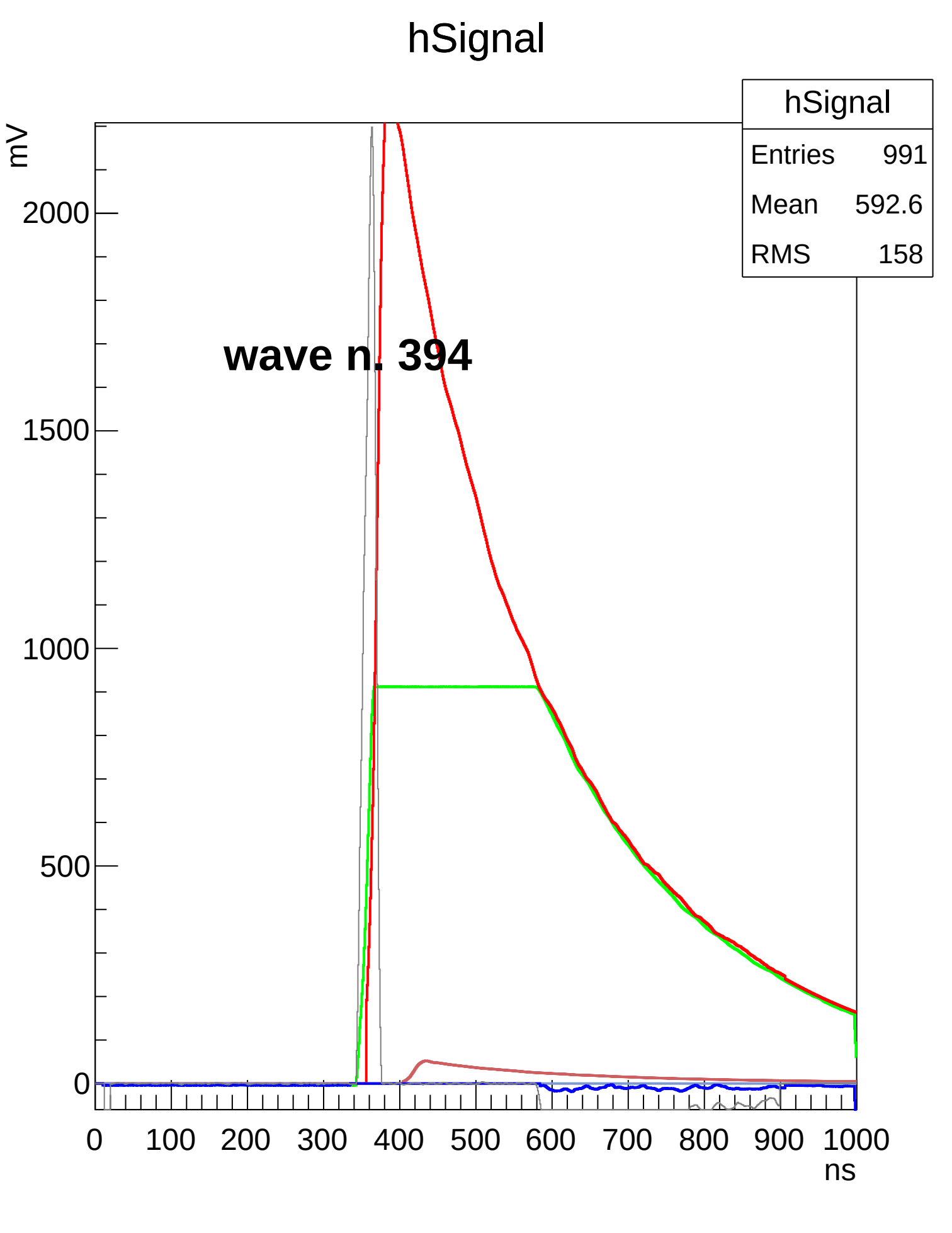

hSignal
hSignal
Entries 991
Mean 481.9
RMS 174
wave n. 389
mV
800
700
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns

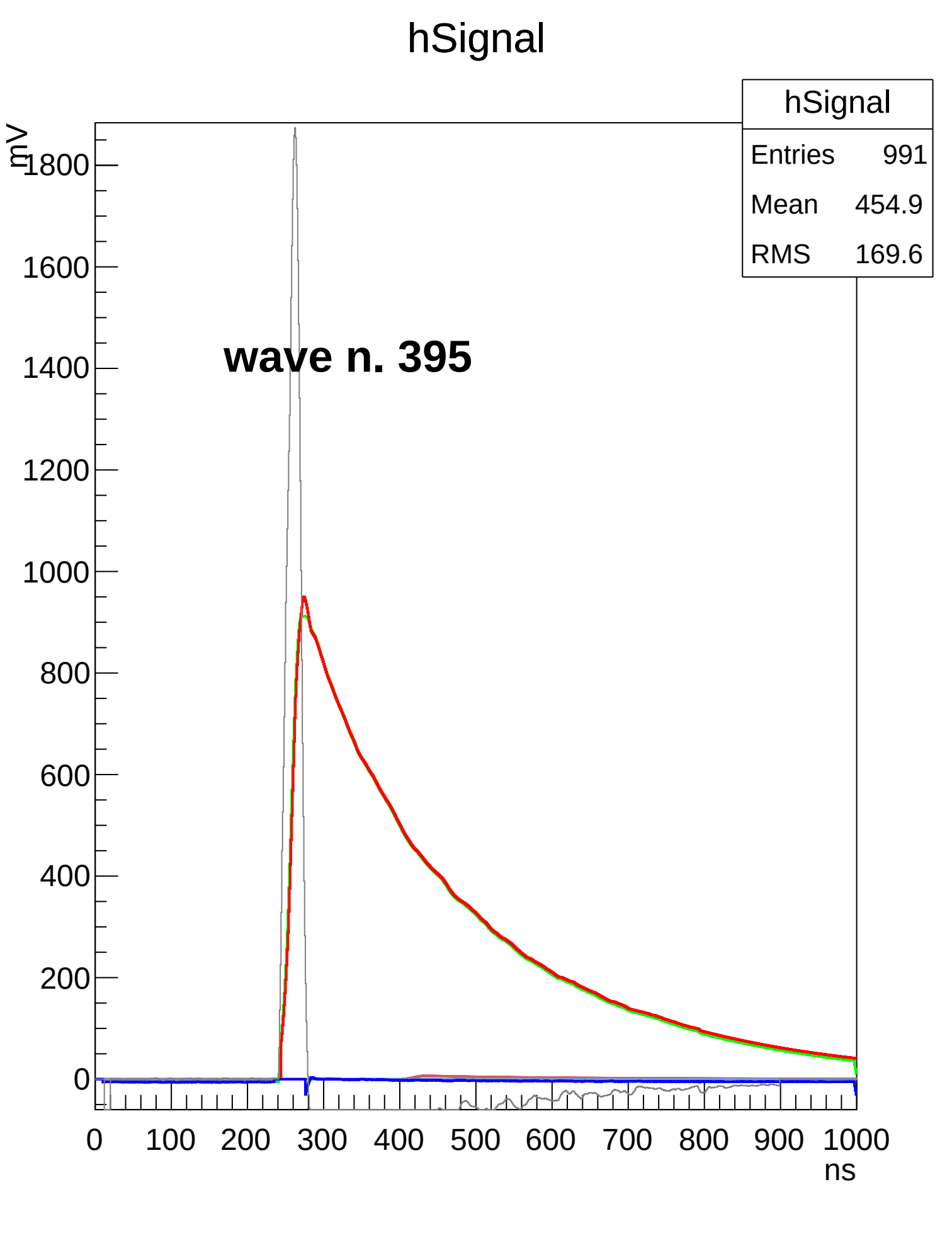

hSignal
hSignal
Entries 991
Mean 562.6
RMS 127.1
wave n. 390
mV
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

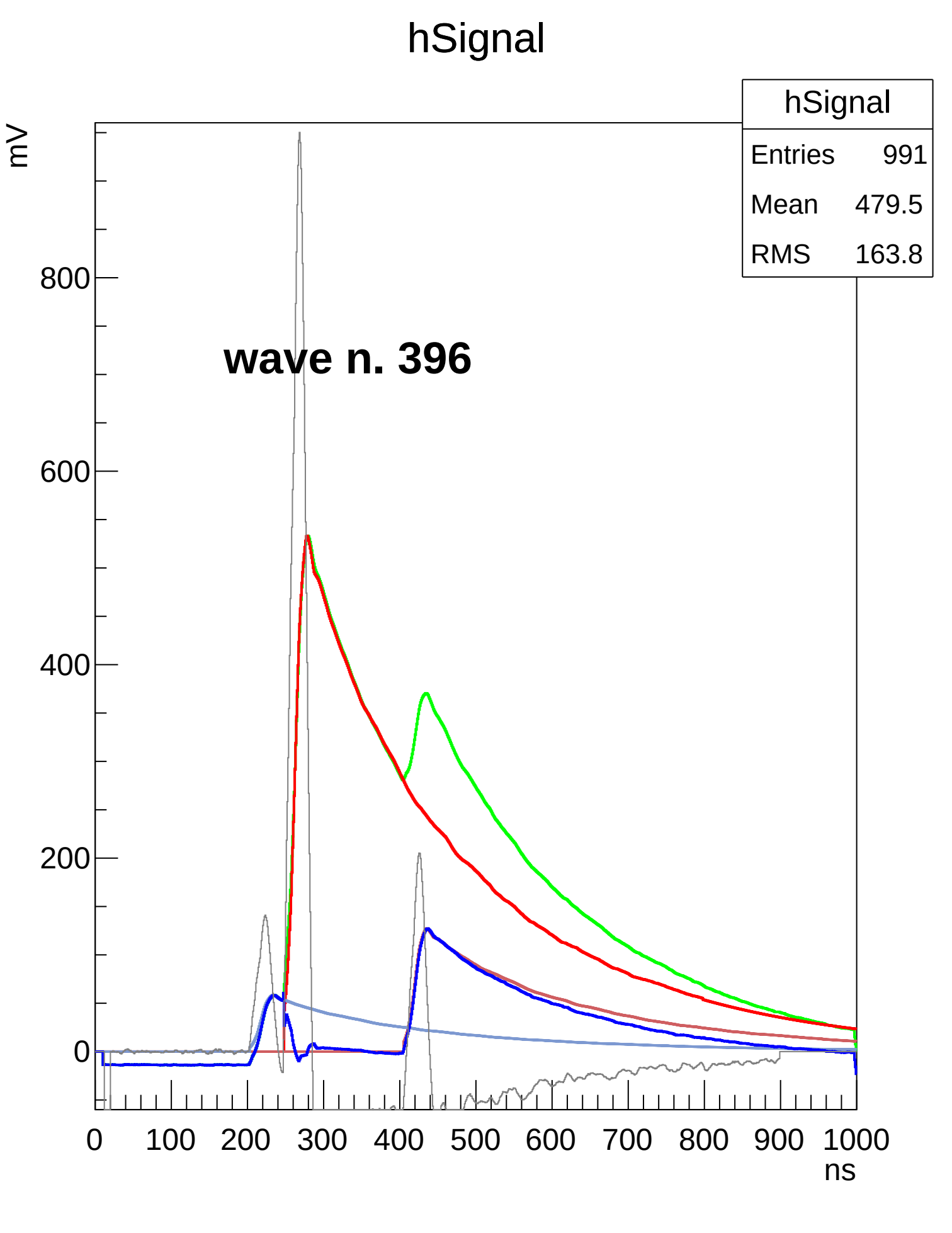

hSignal
hSignal
Entries 991
Mean 556.9
RMS 172.6
wave n. 391
mV
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

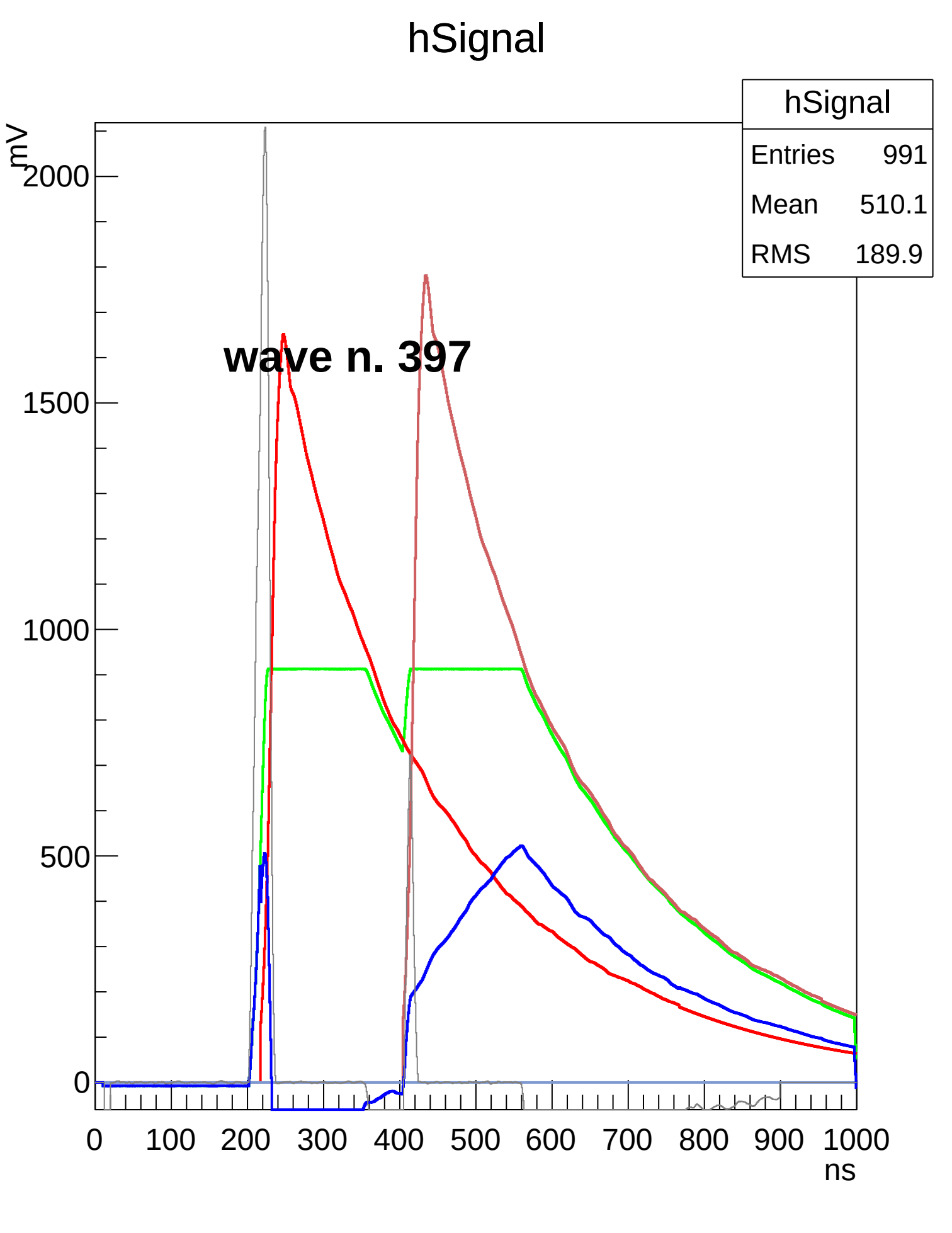

hSignal
hSignal
Entries 991
Mean 623.2
RMS 138.1
wave n. 392
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 482.2
RMS 165.4
wave n. 393
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 592.6
RMS 158
wave n. 394
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 454.9
RMS 169.6
wave n. 395
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 479.5
RMS 163.8
wave n. 396
mV
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 510.1
RMS 189.9
wave n. 397
mV
2000
1500
1000
500
0
0
100
200
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400
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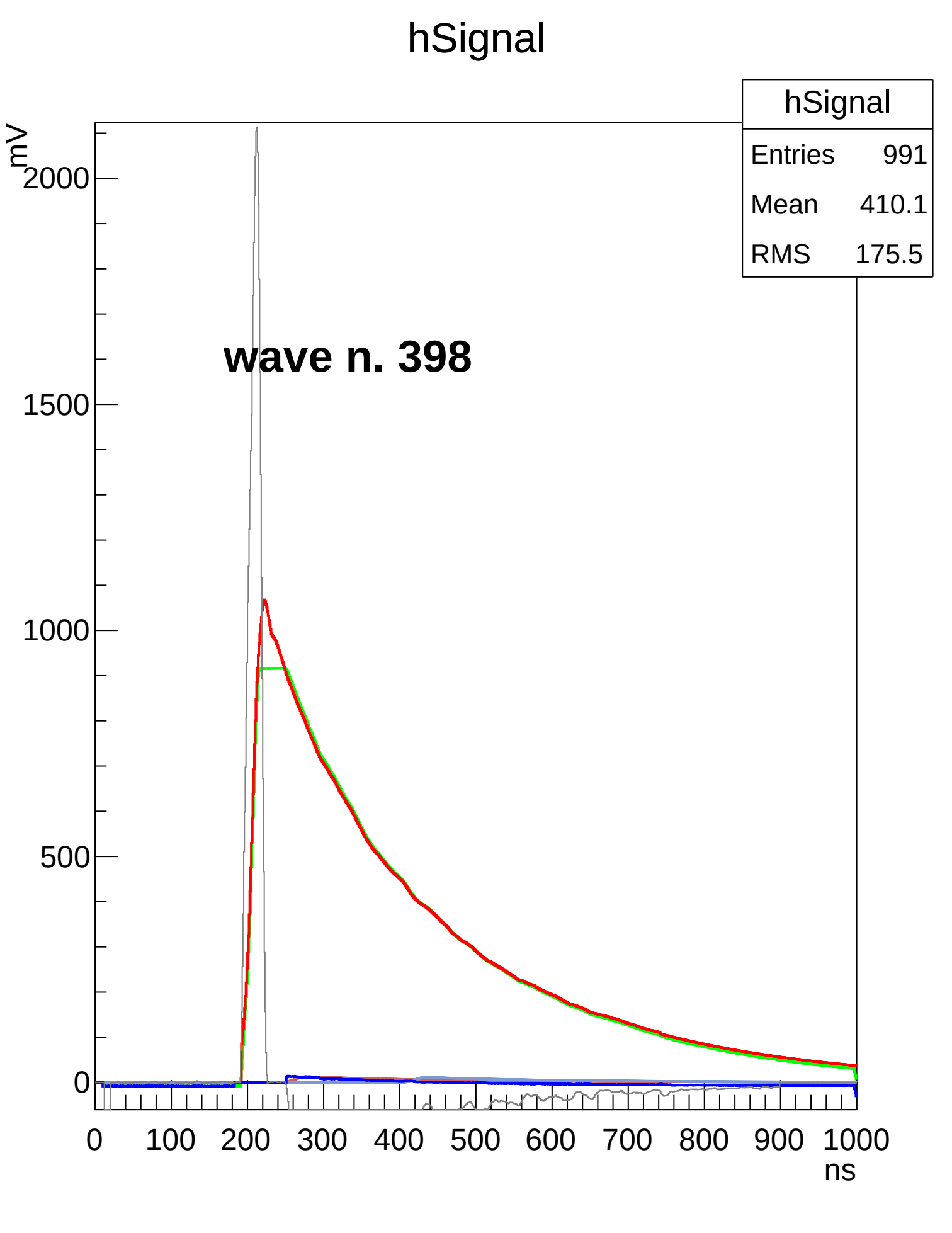
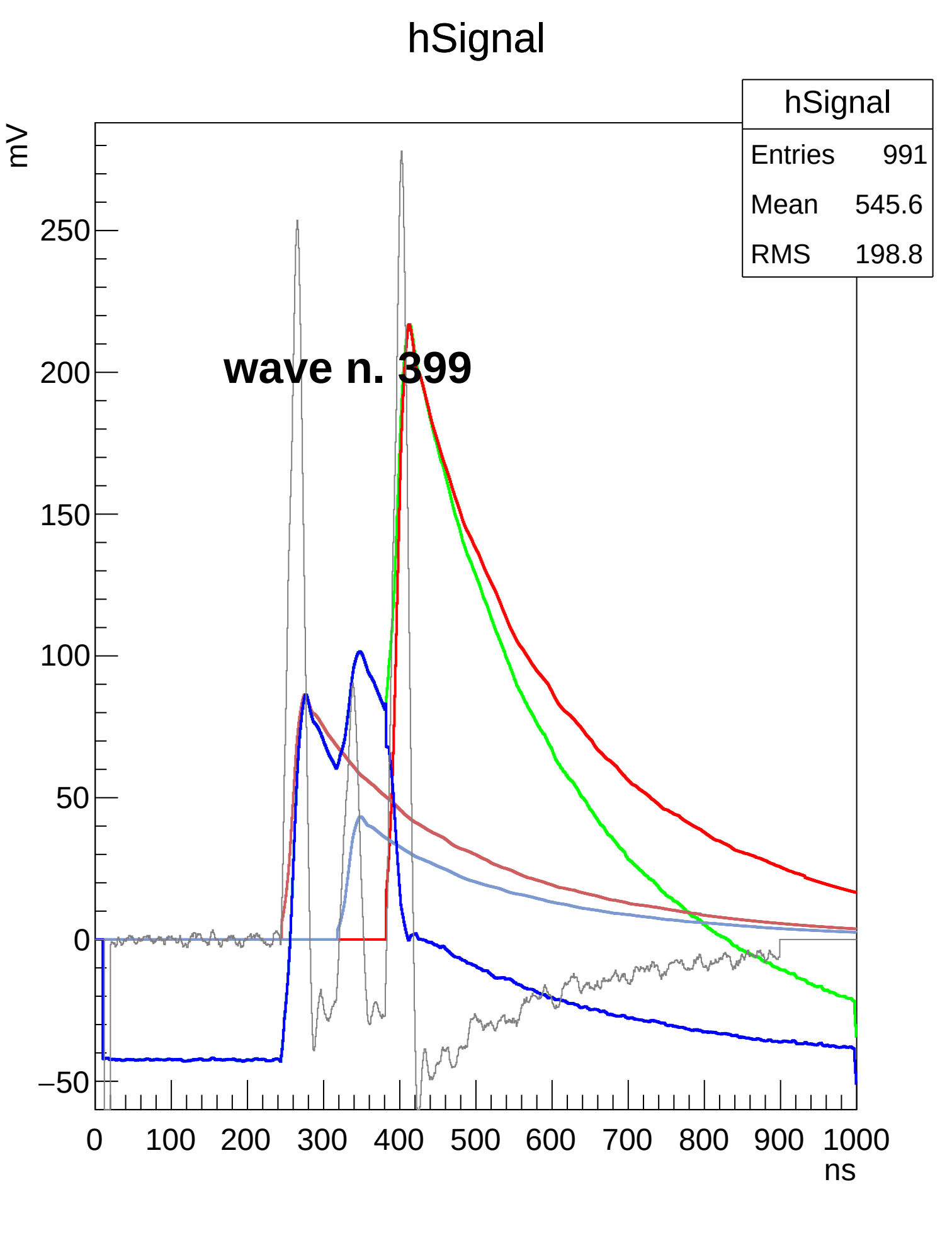
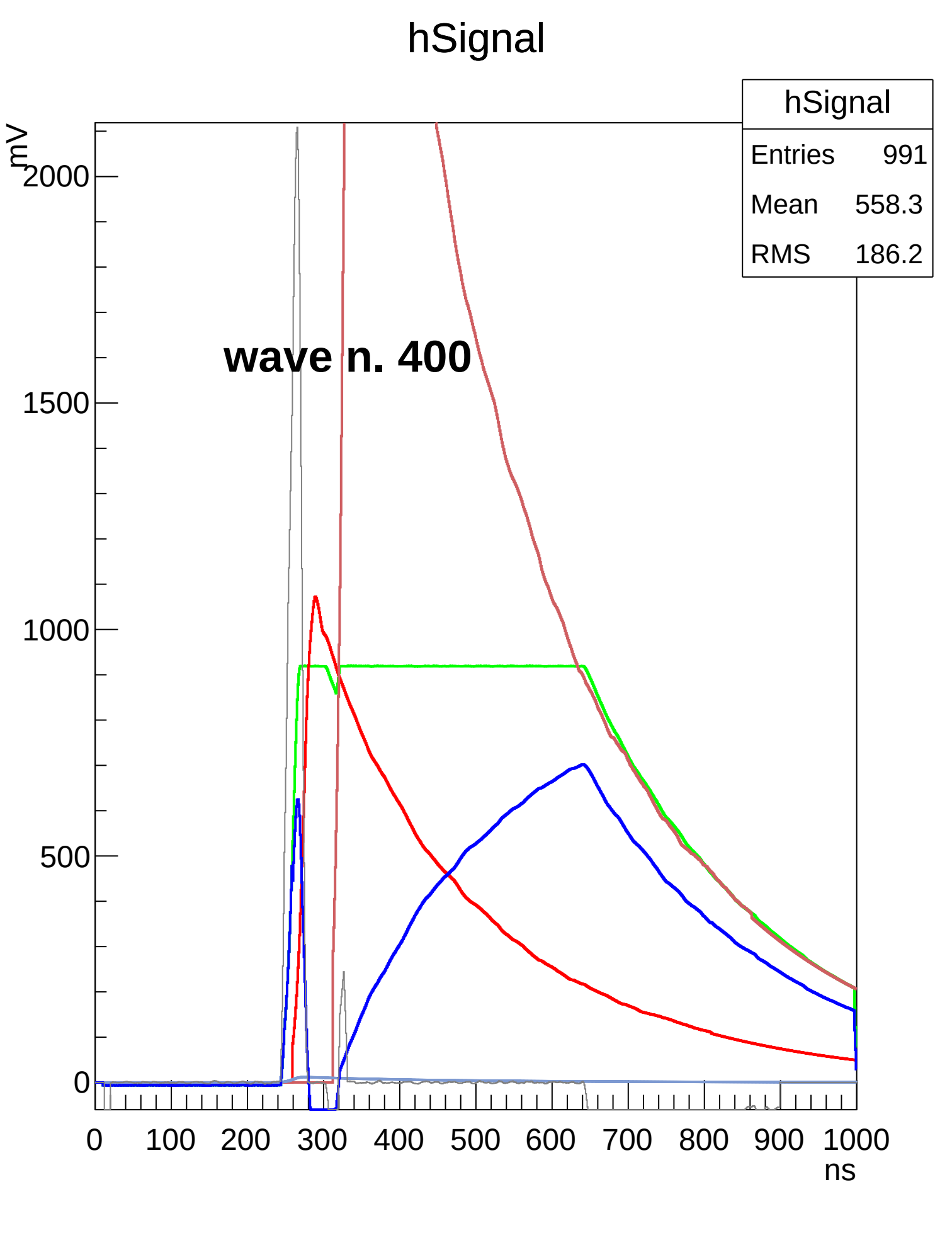
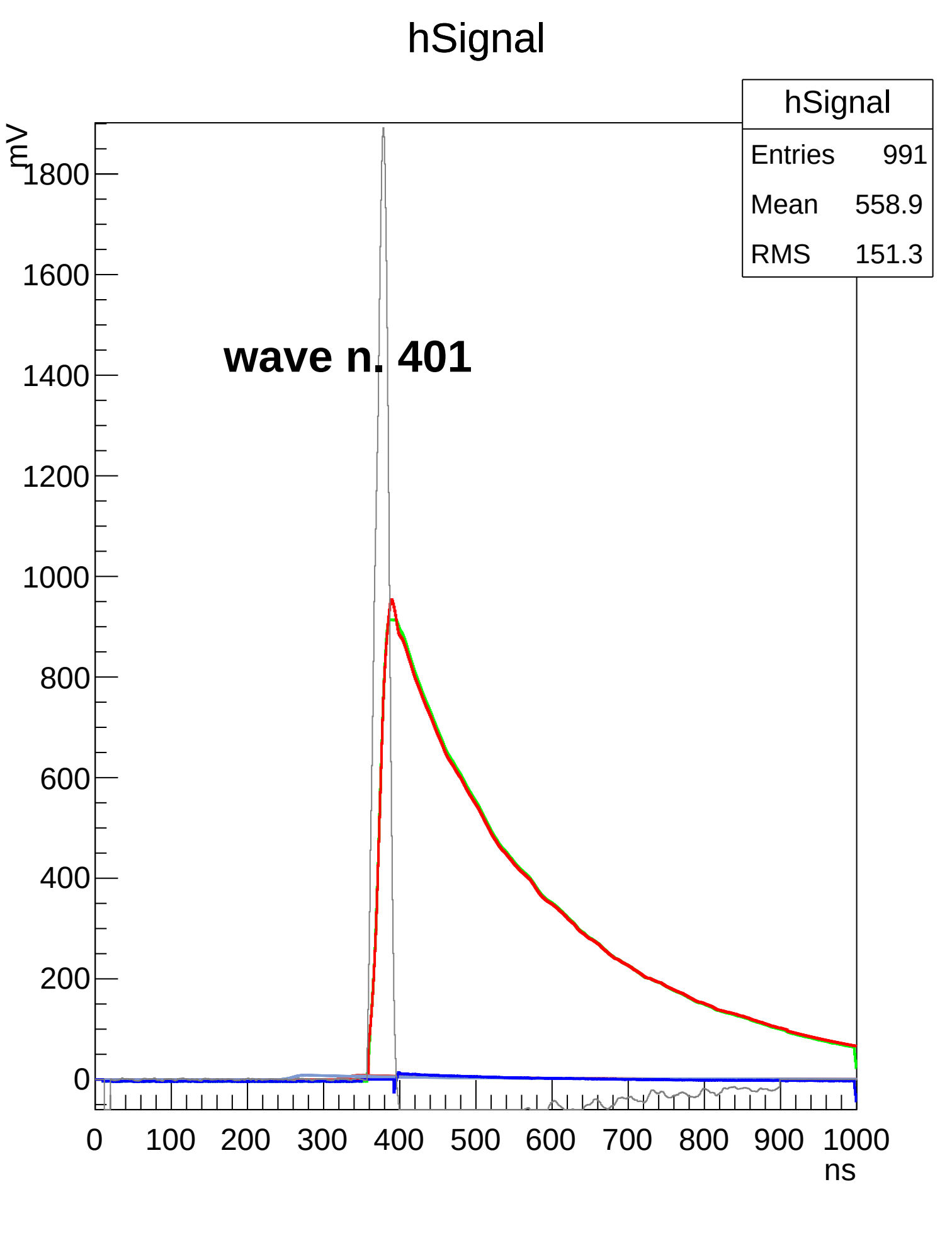
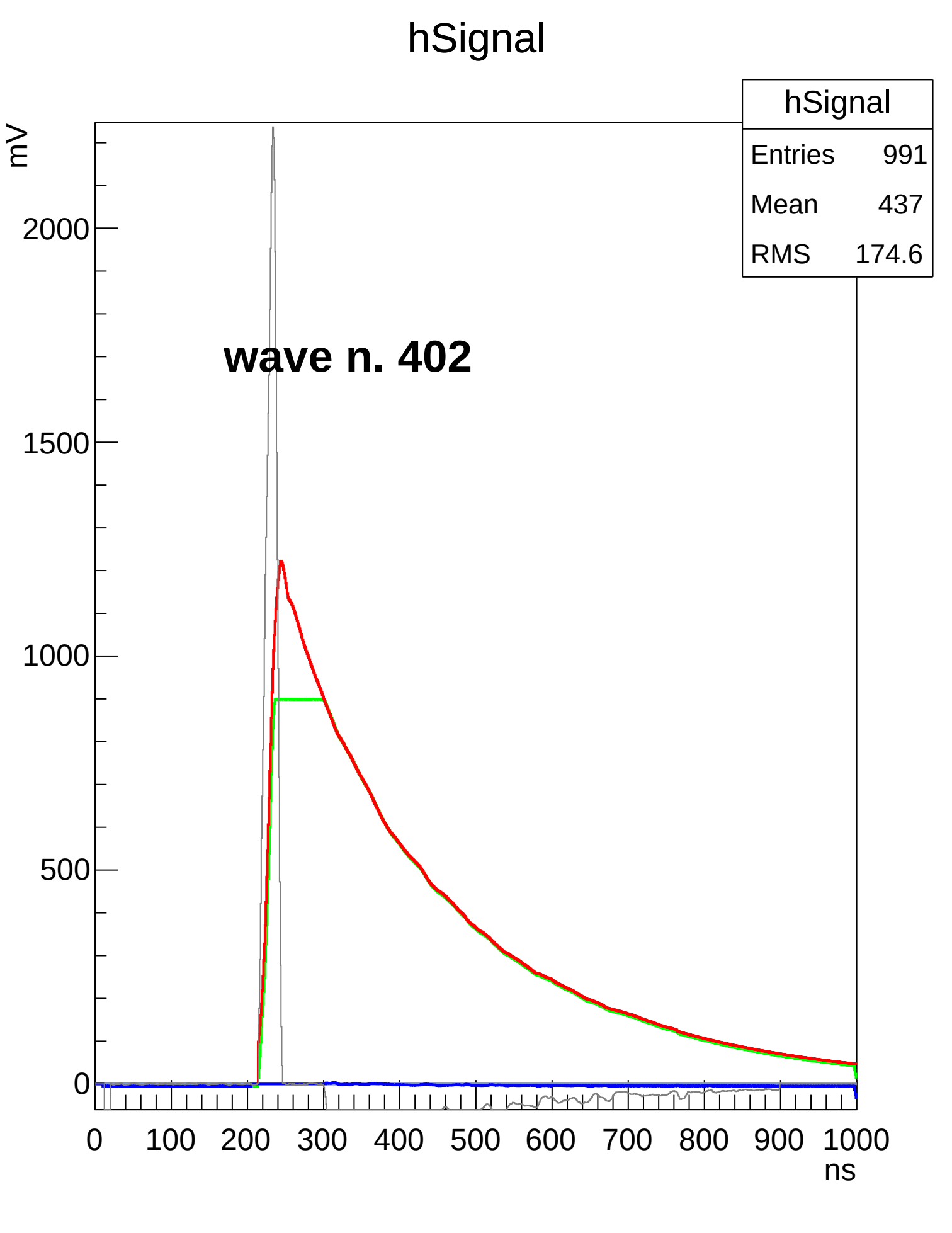
700
800
900
1000
ns

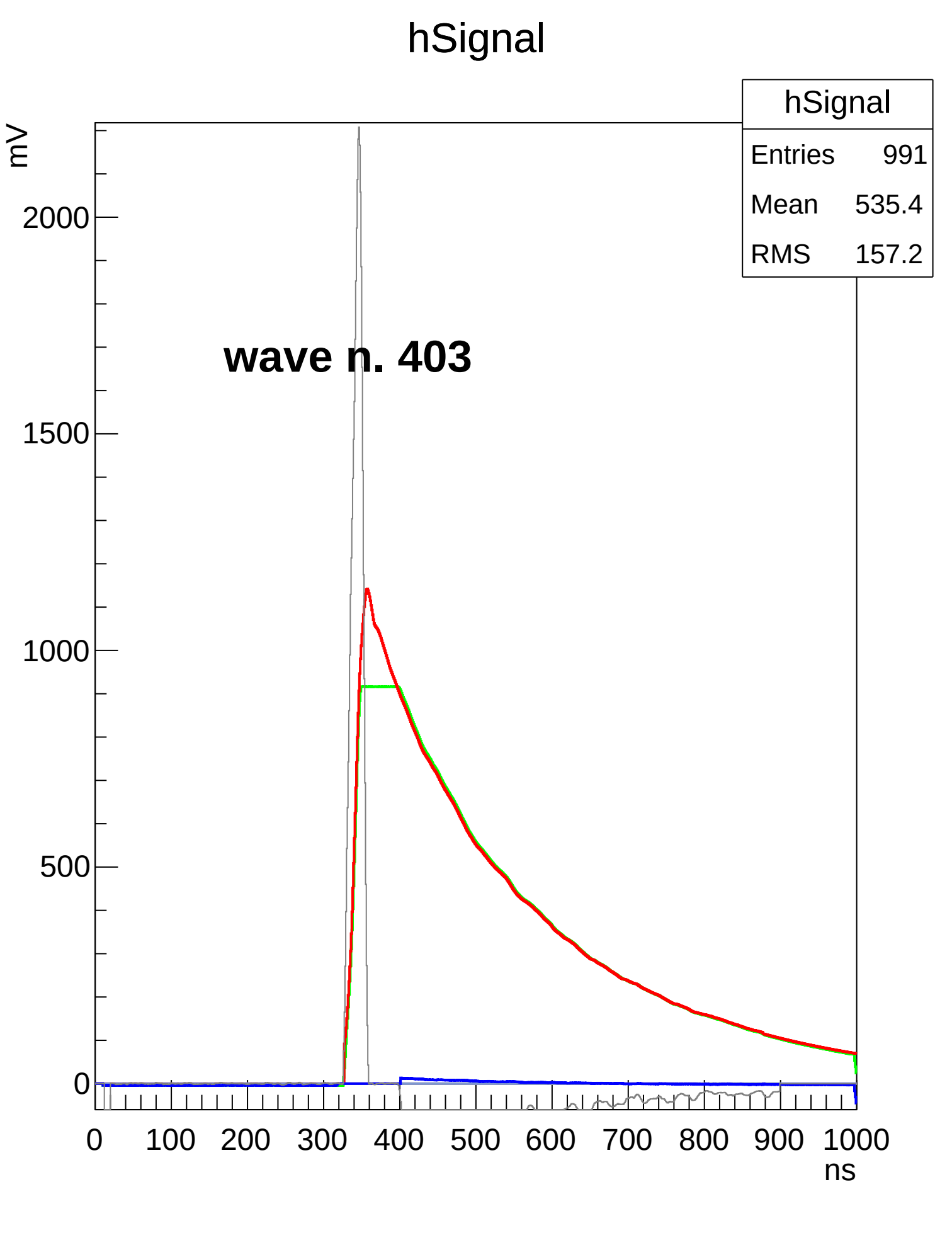

hSignal
hSignal
Entries 991
Mean 410.1
RMS 175.5
wave n. 398
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

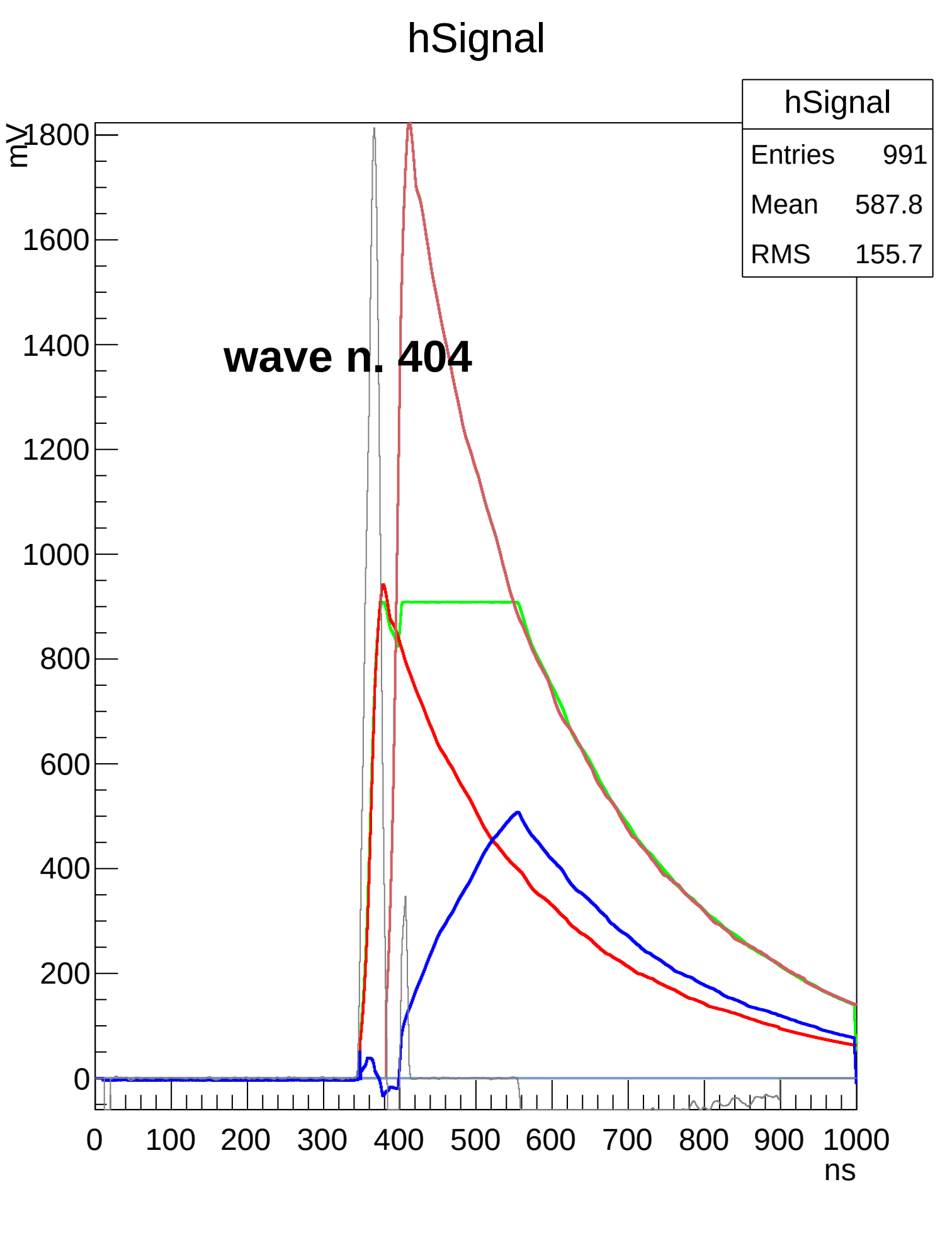

hSignal
hSignal
Entries 991
Mean 545.6
RMS 198.8
wave n. 399
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

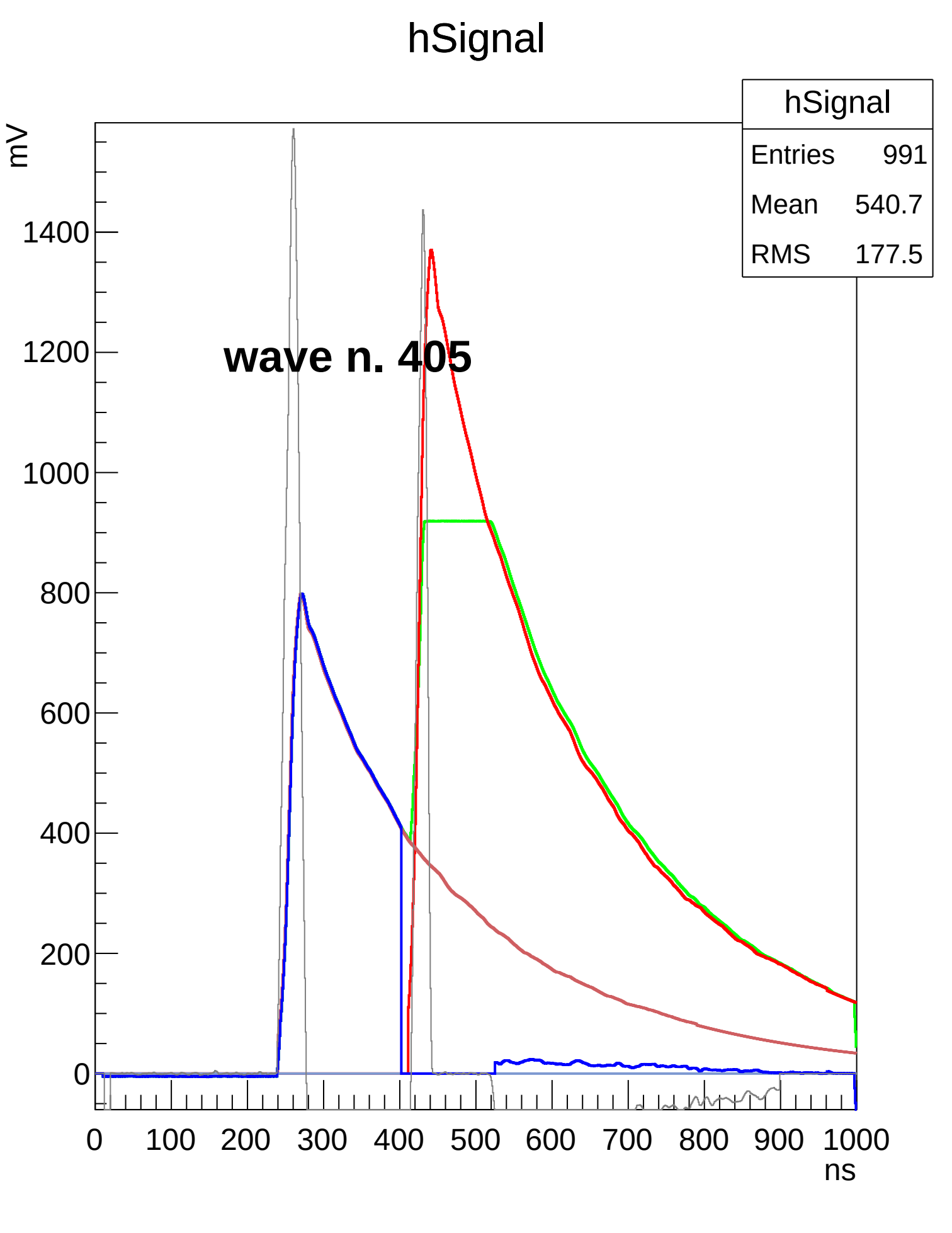

hSignal
hSignal
Entries 991
Mean 558.3
RMS 186.2
wave n. 400
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

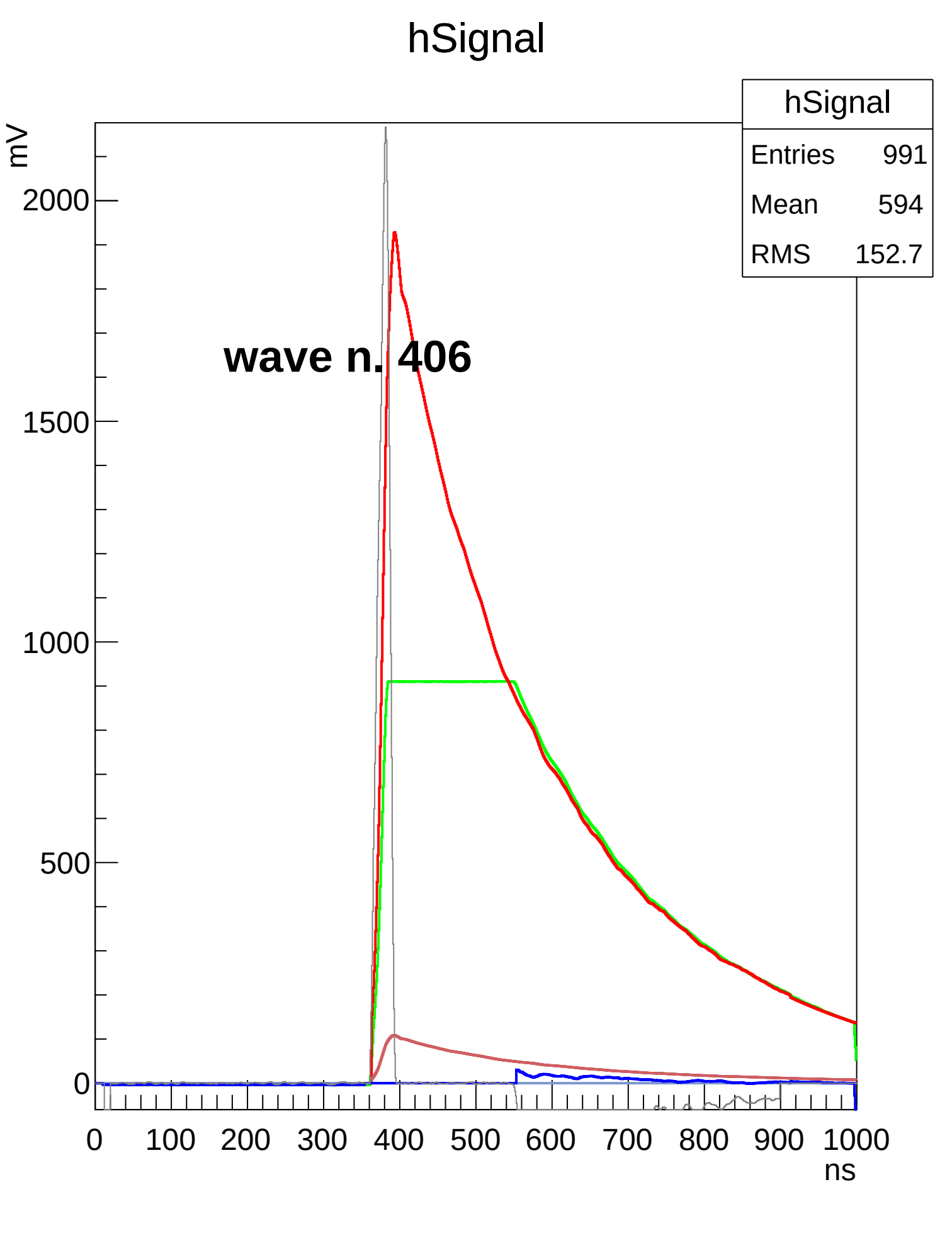

hSignal
hSignal
Entries 991
Mean 558.9
RMS 151.3
wave n. 401
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

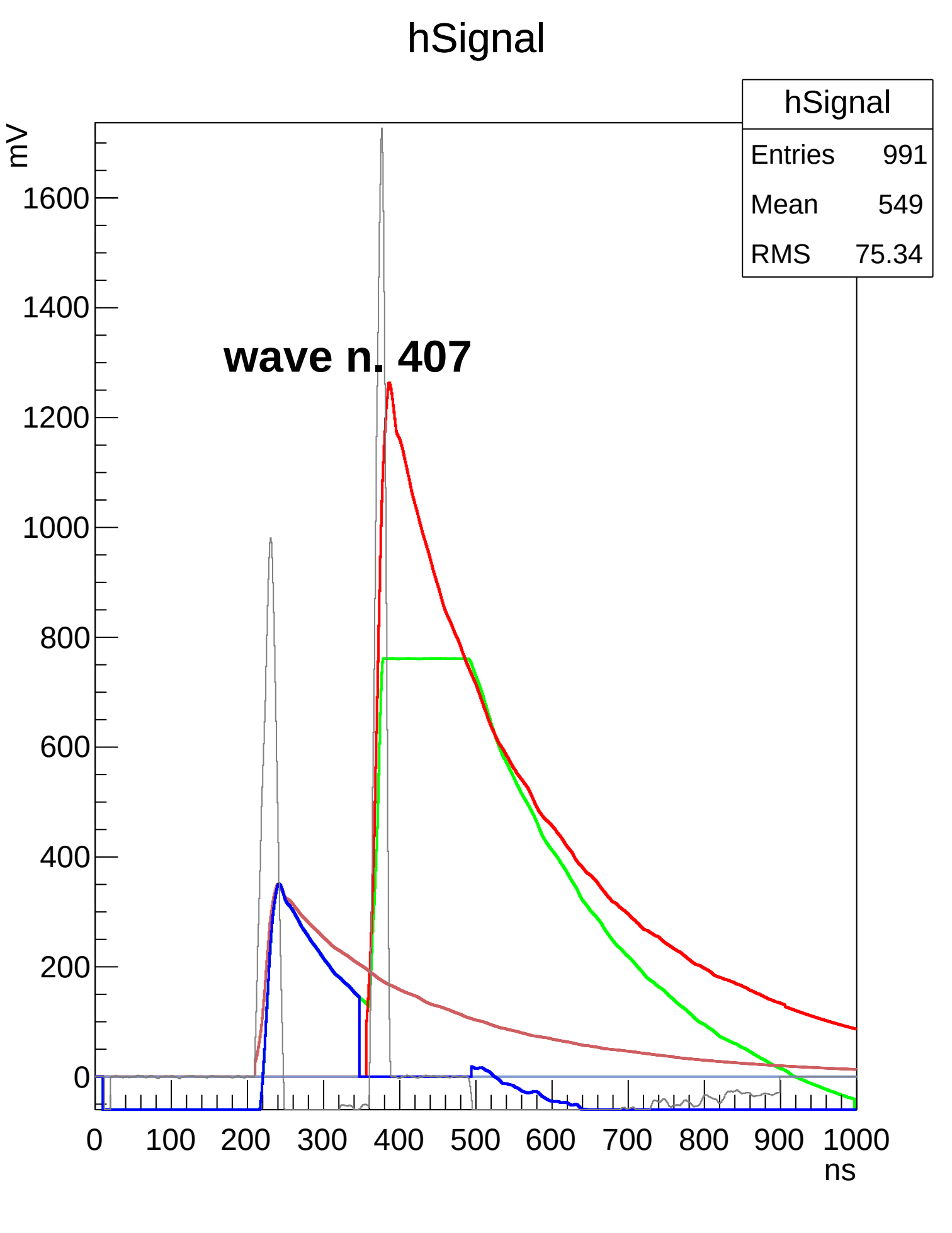

hSignal
hSignal
Entries 991
Mean 437
RMS 174.6
wave n. 402
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

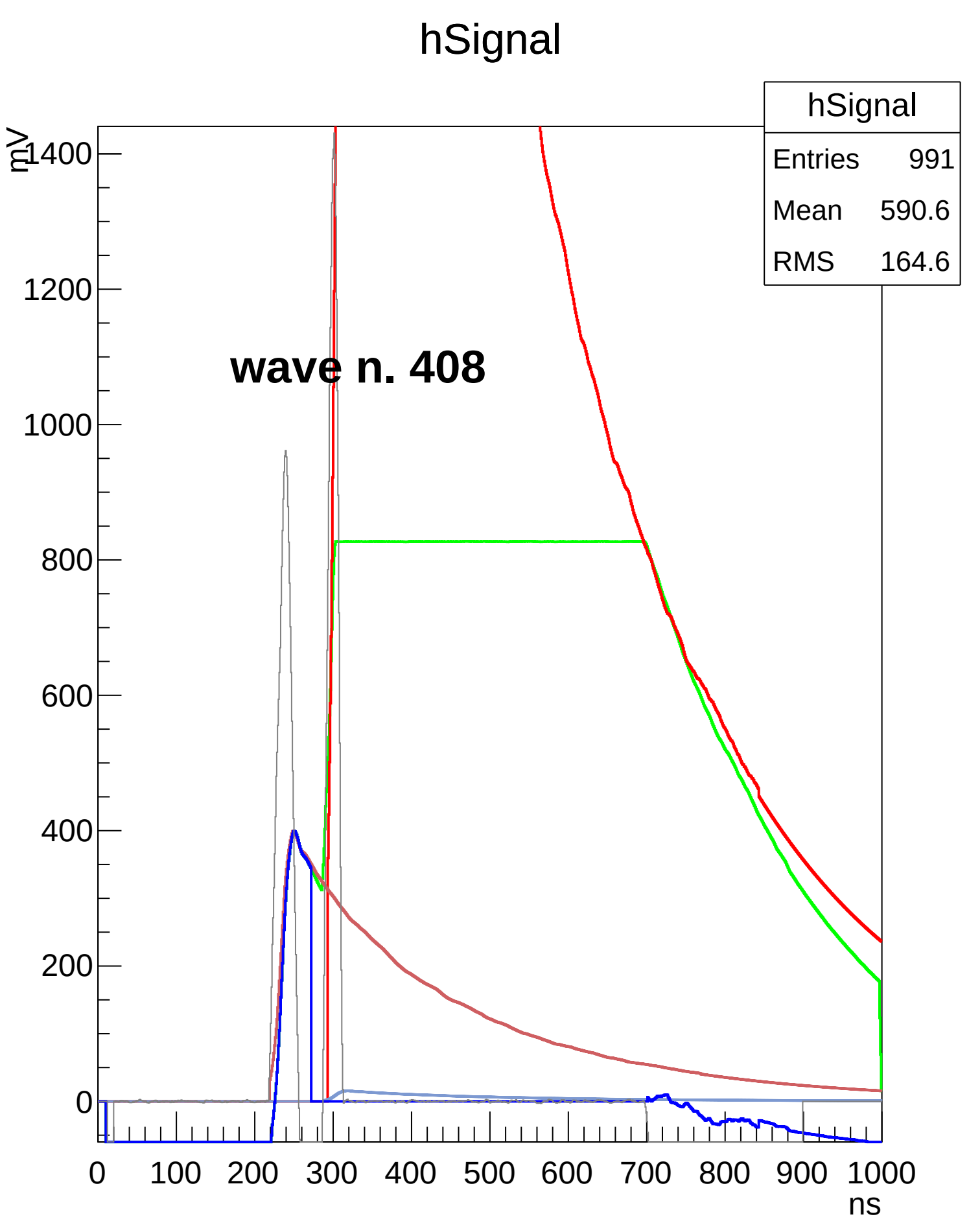

hSignal
hSignal
Entries 991
Mean 535.4
RMS 157.2
wave n. 403
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

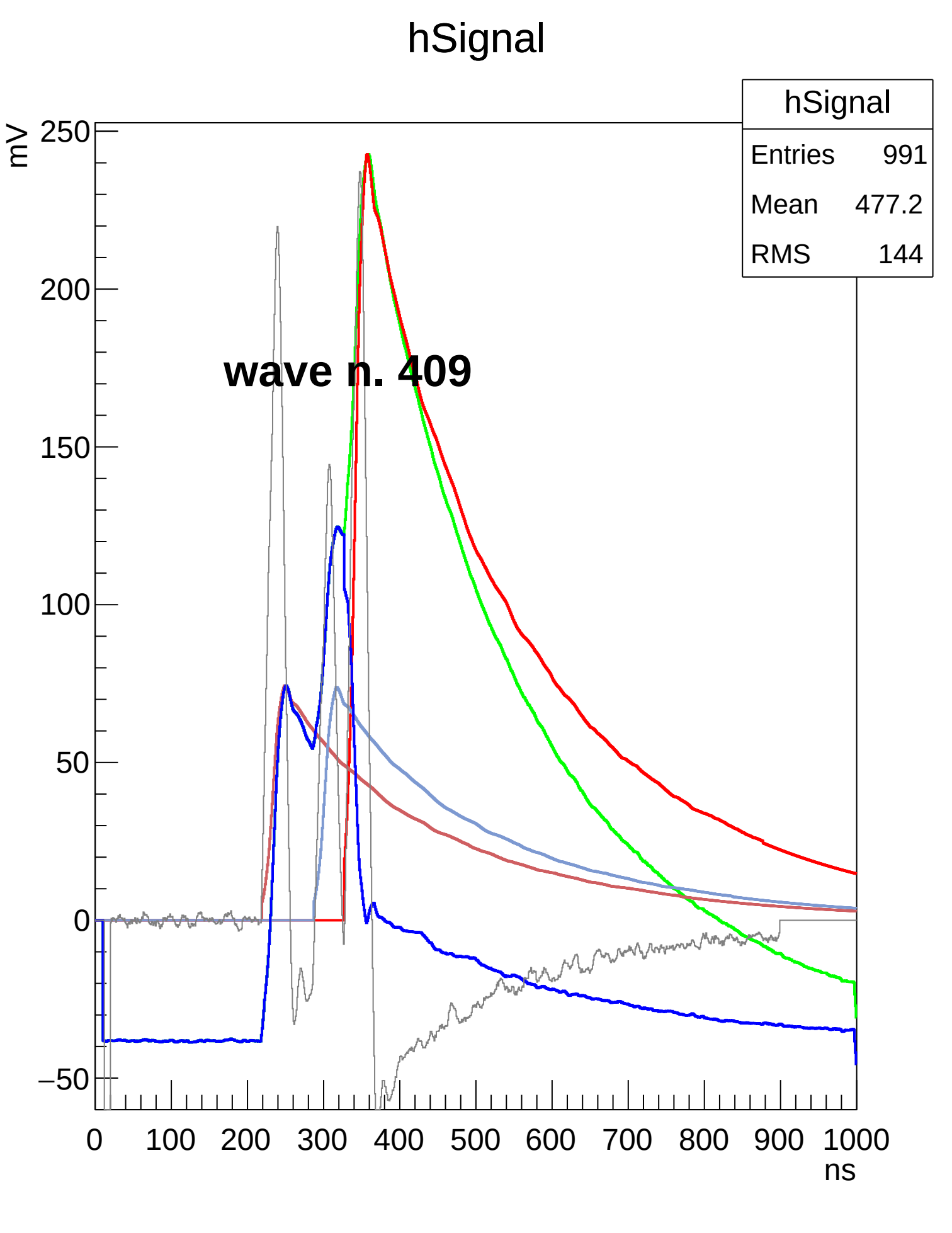

hSignal
hSignal
Entries 991
Mean 587.8
RMS 155.7
wave n. 404
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 540.7
RMS 177.5
wave n. 405
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 594
RMS 152.7
wave n. 406
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 549
RMS 75.34
wave n. 407
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 590.6
RMS 164.6
wave n. 408
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 477.2
RMS 144
wave n. 409
mV
250
200
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100
50
0
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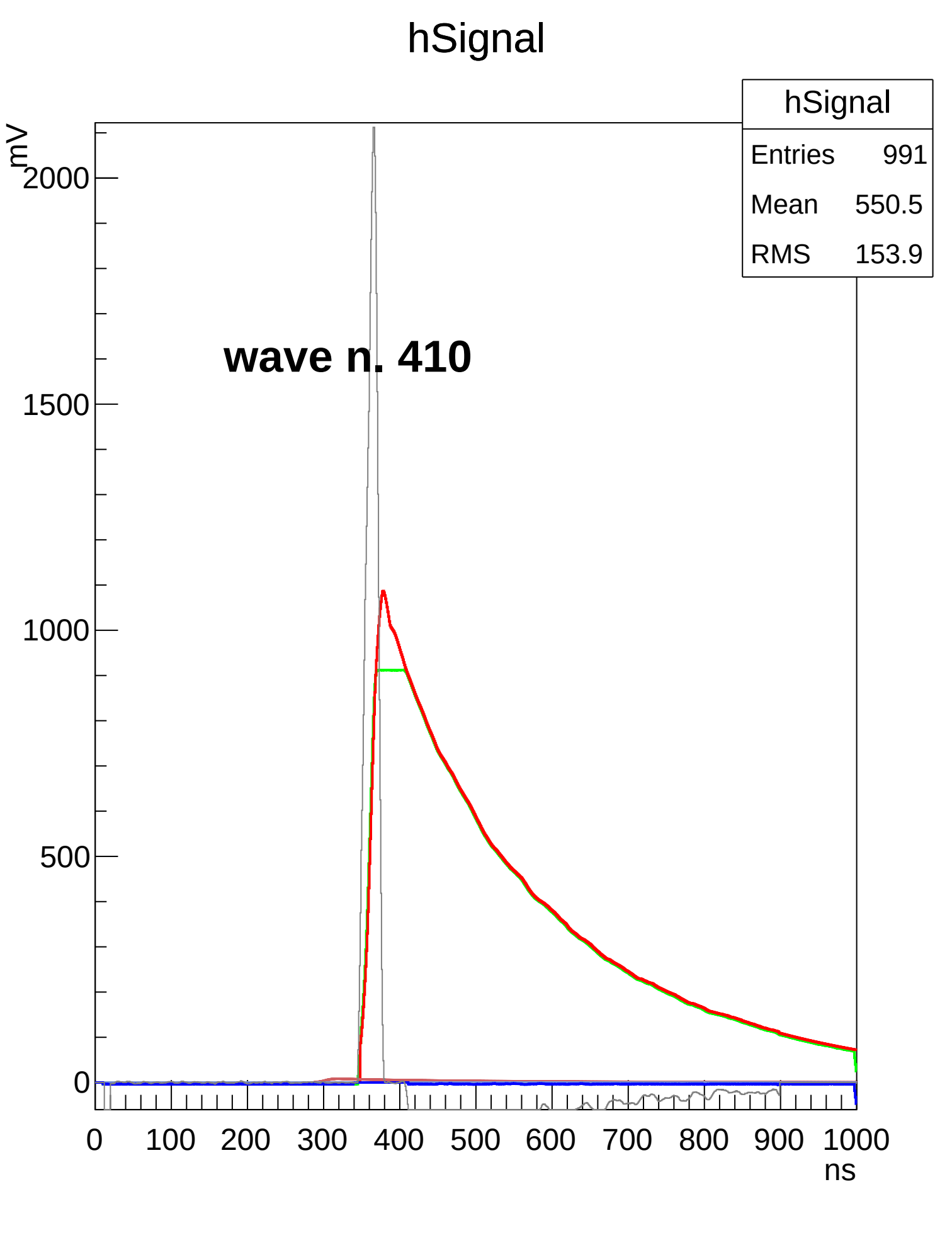
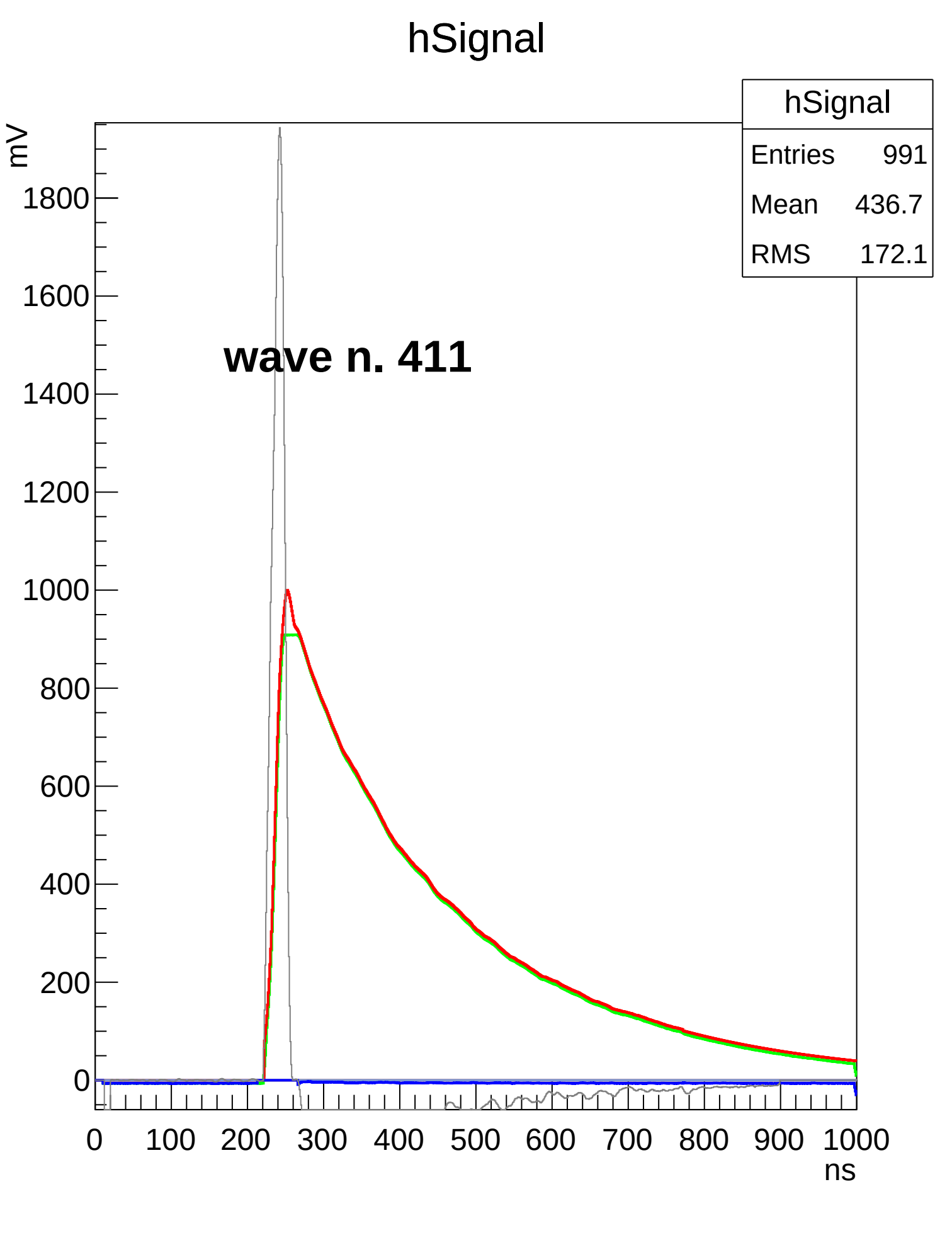
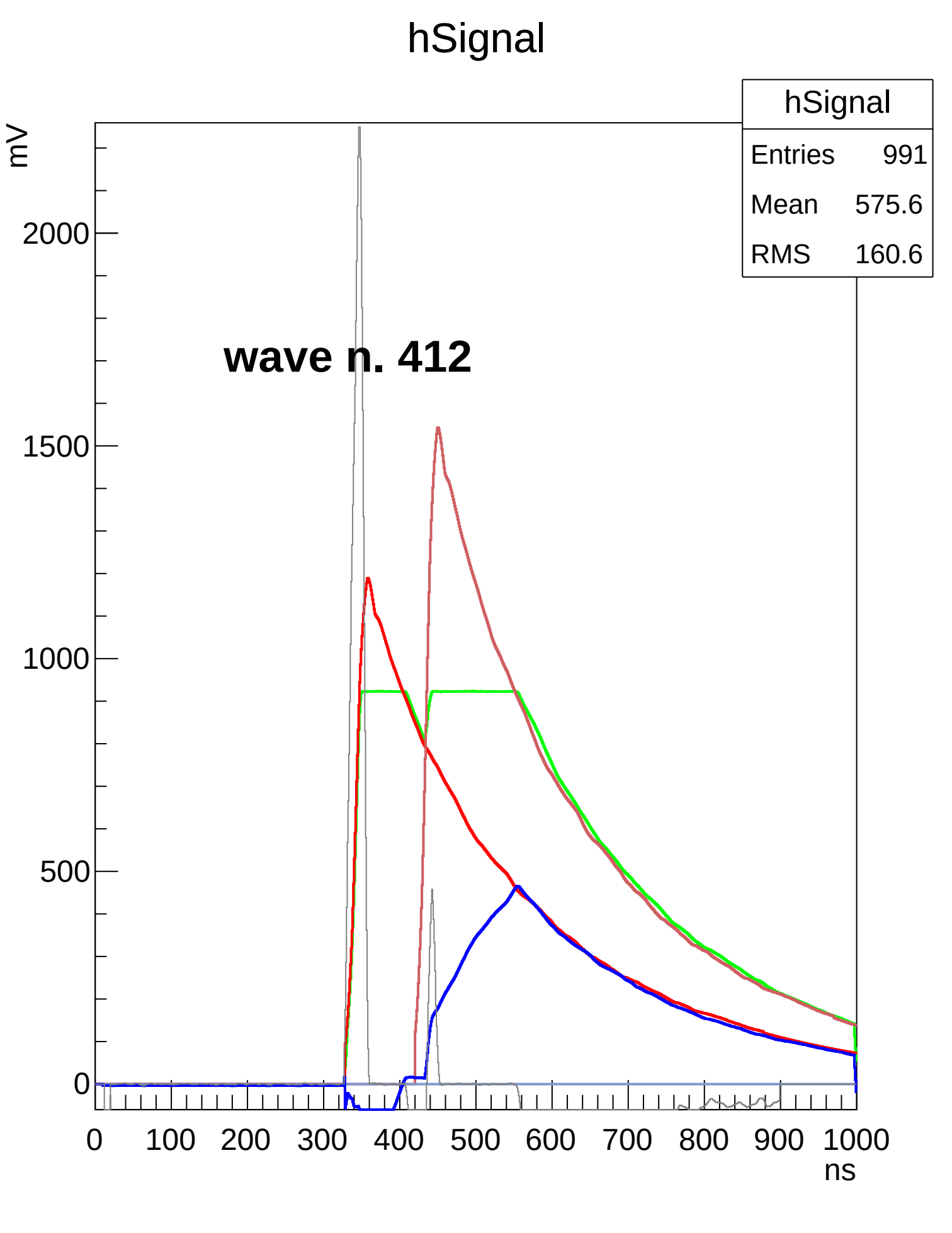
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.5
RMS 153.9
wave n. 410
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 436.7
RMS 172.1
wave n. 411
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 575.6
RMS 160.6
wave n. 412
mV
2000
1500
1000
500
0
0
100
200
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400
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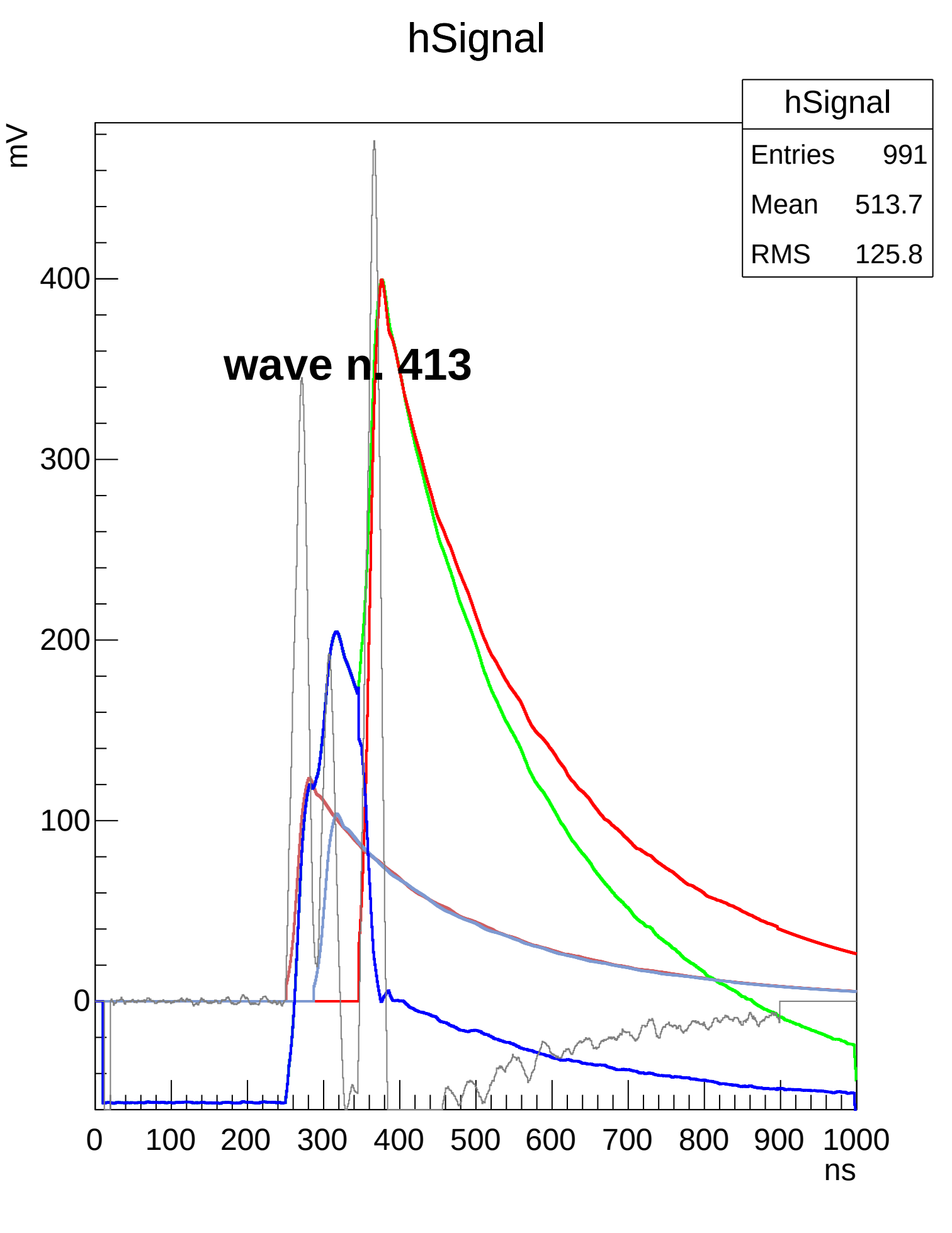
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513.7
RMS 125.8
wave n. 413
mV
400
300
200
100
0
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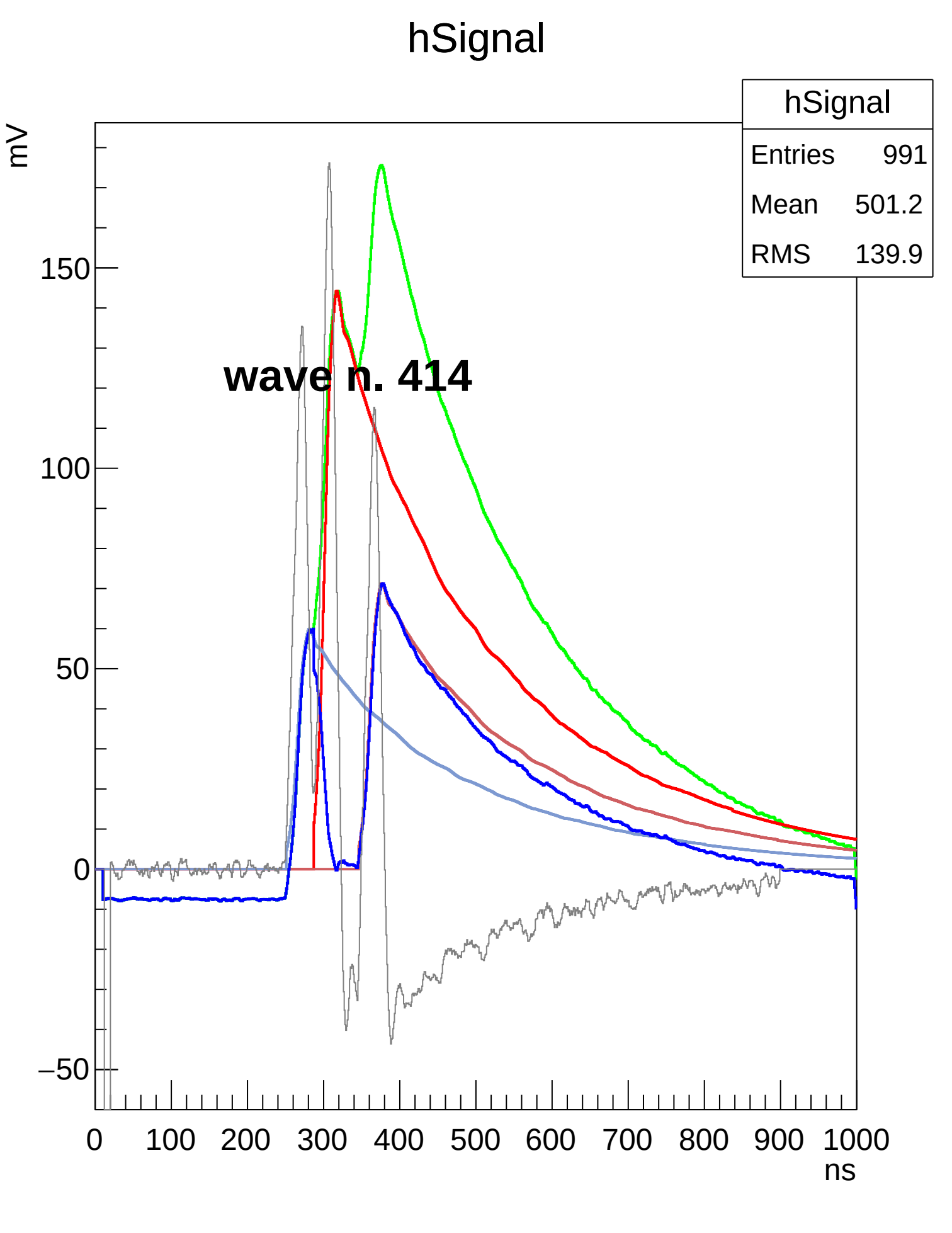
ns


hSignal
hSignal
Entries 991
Mean 501.2
RMS 139.9
wave n. 414
mV
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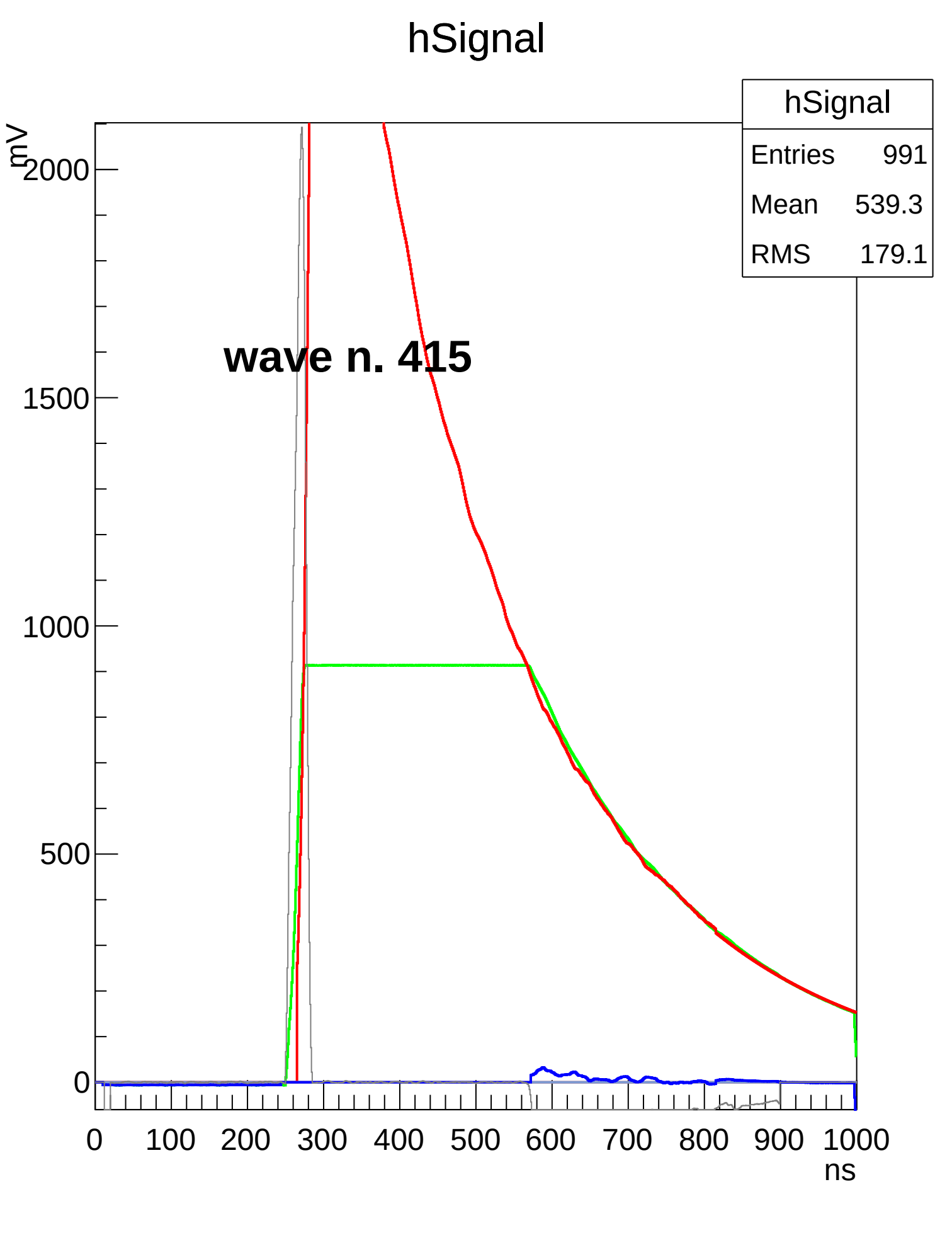
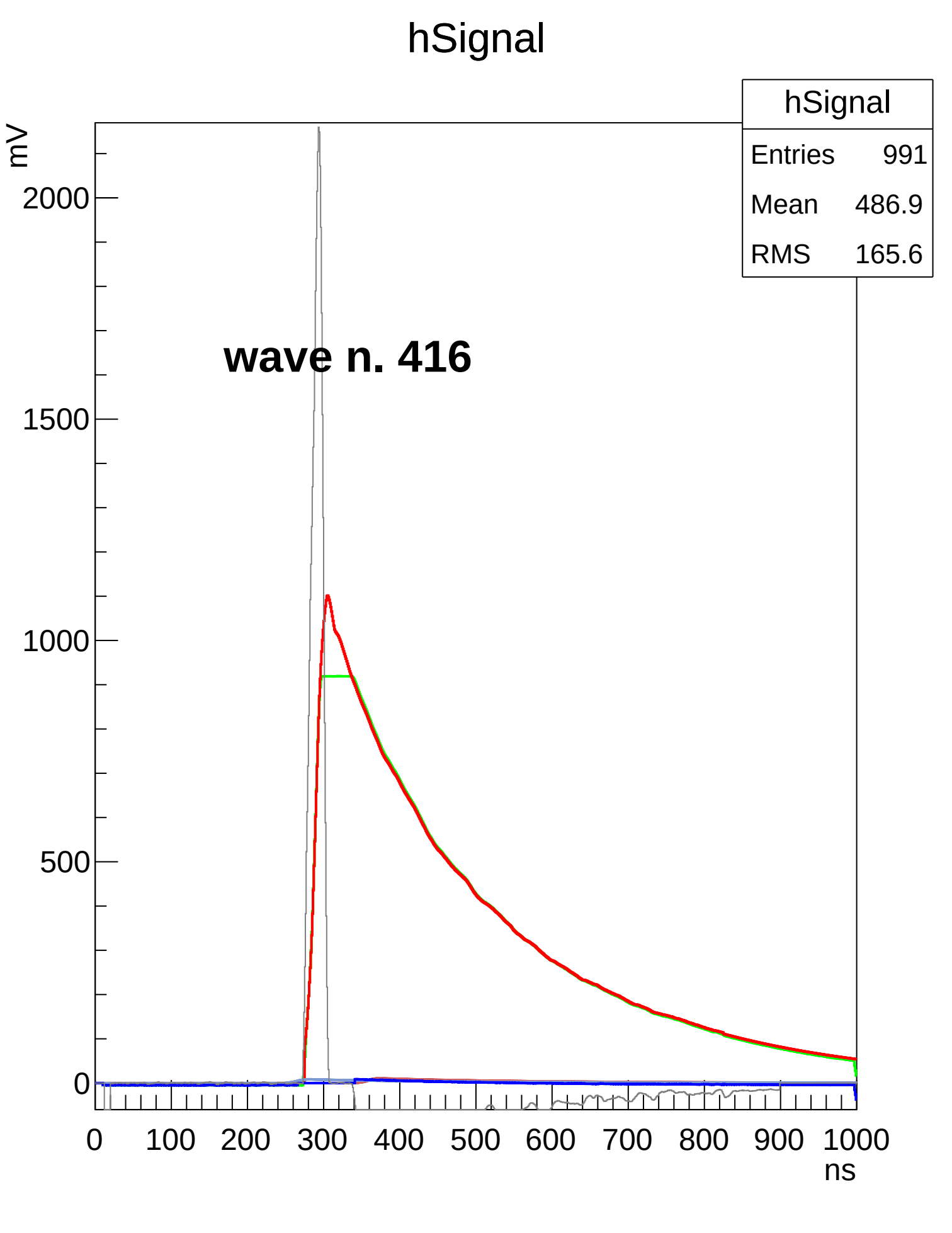
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.3
RMS 179.1
wave n. 415
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486.9
RMS 165.6
wave n. 416
mV
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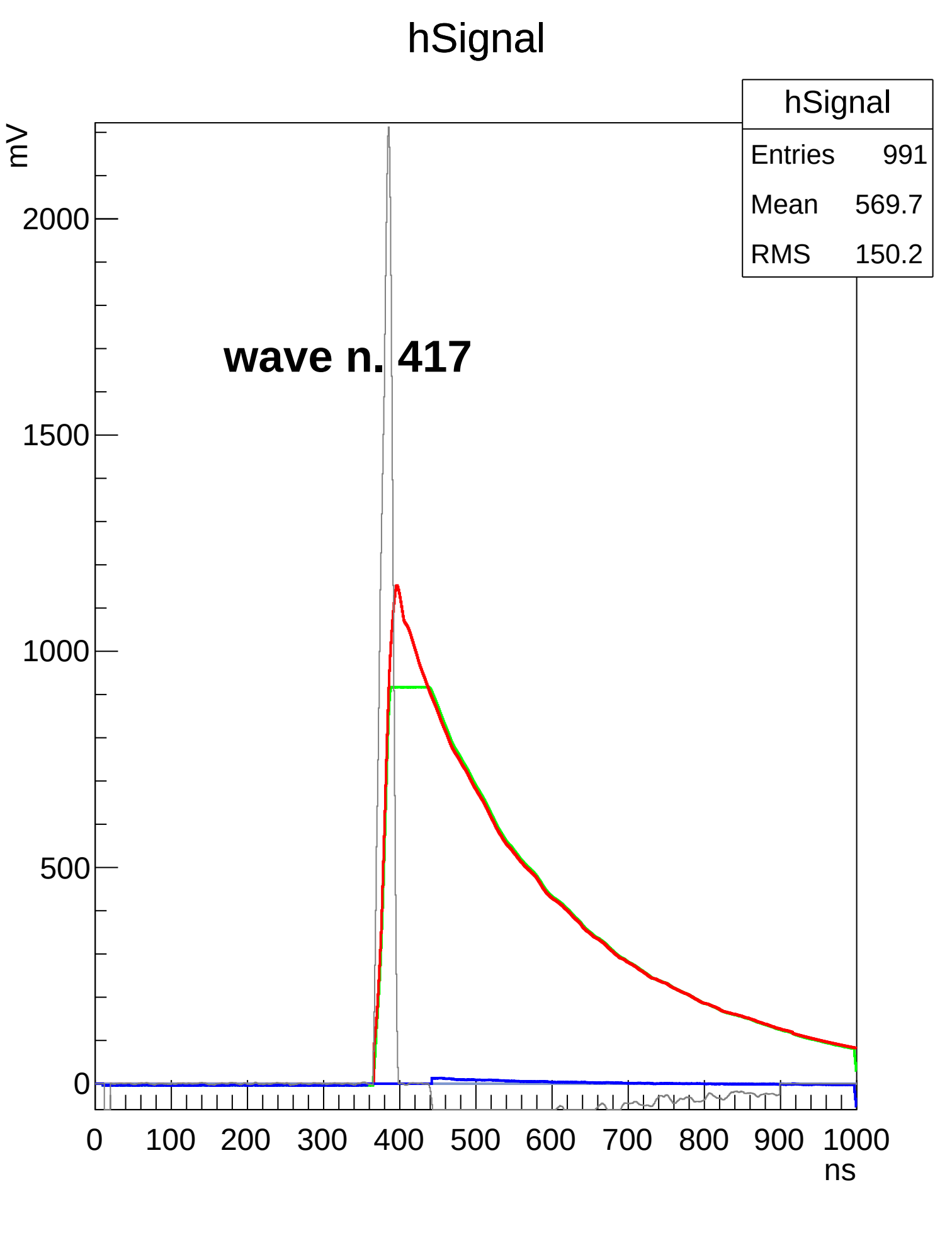
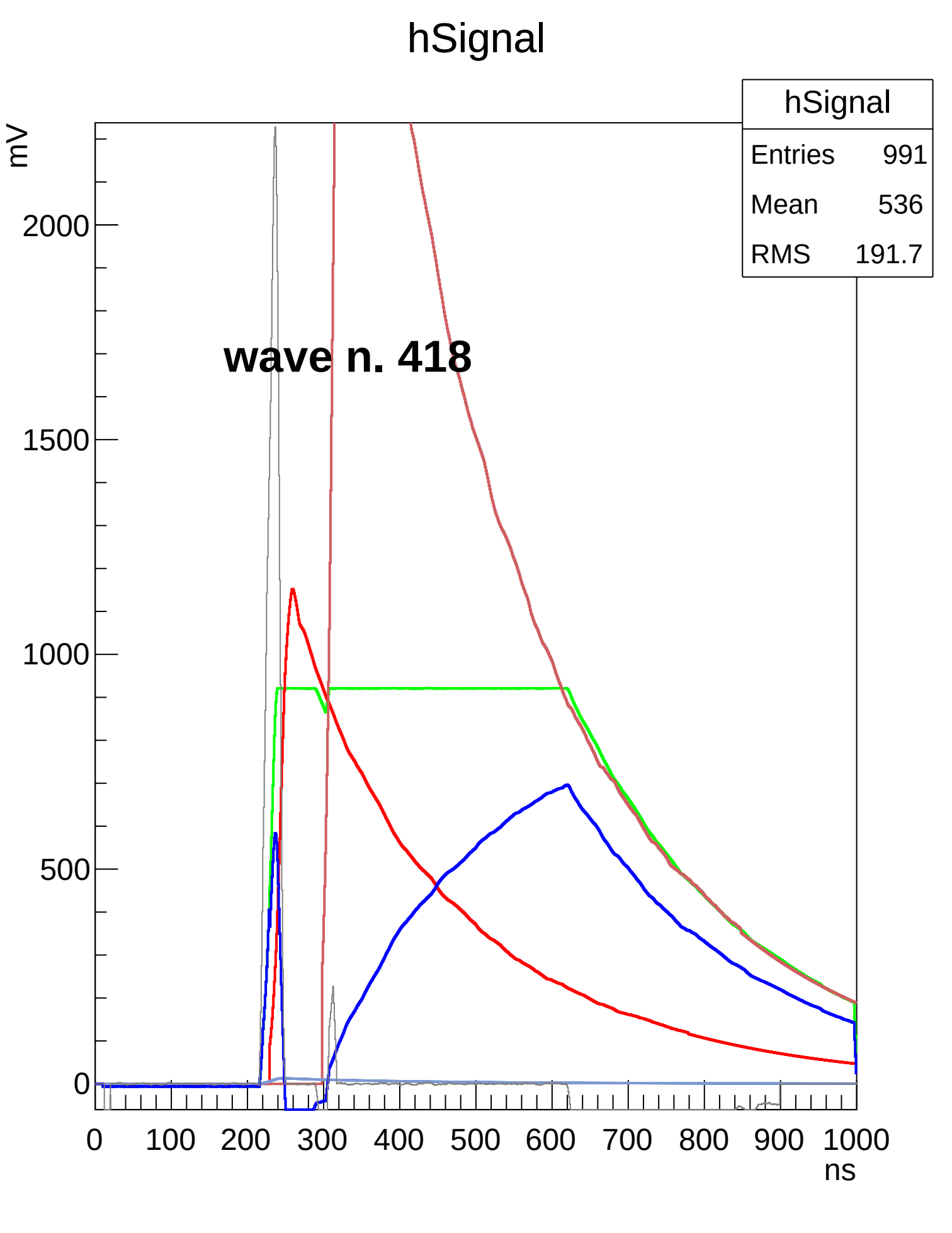
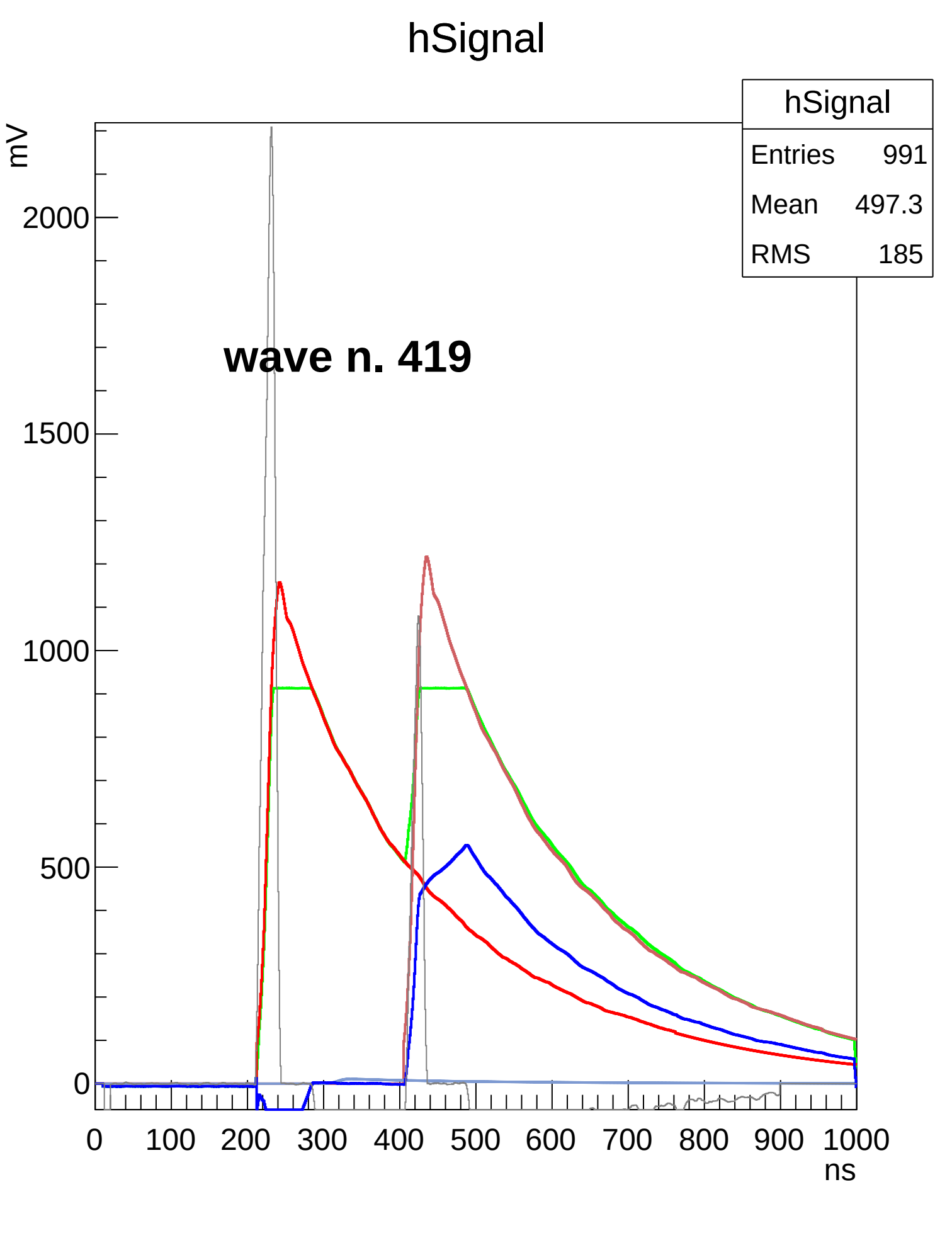
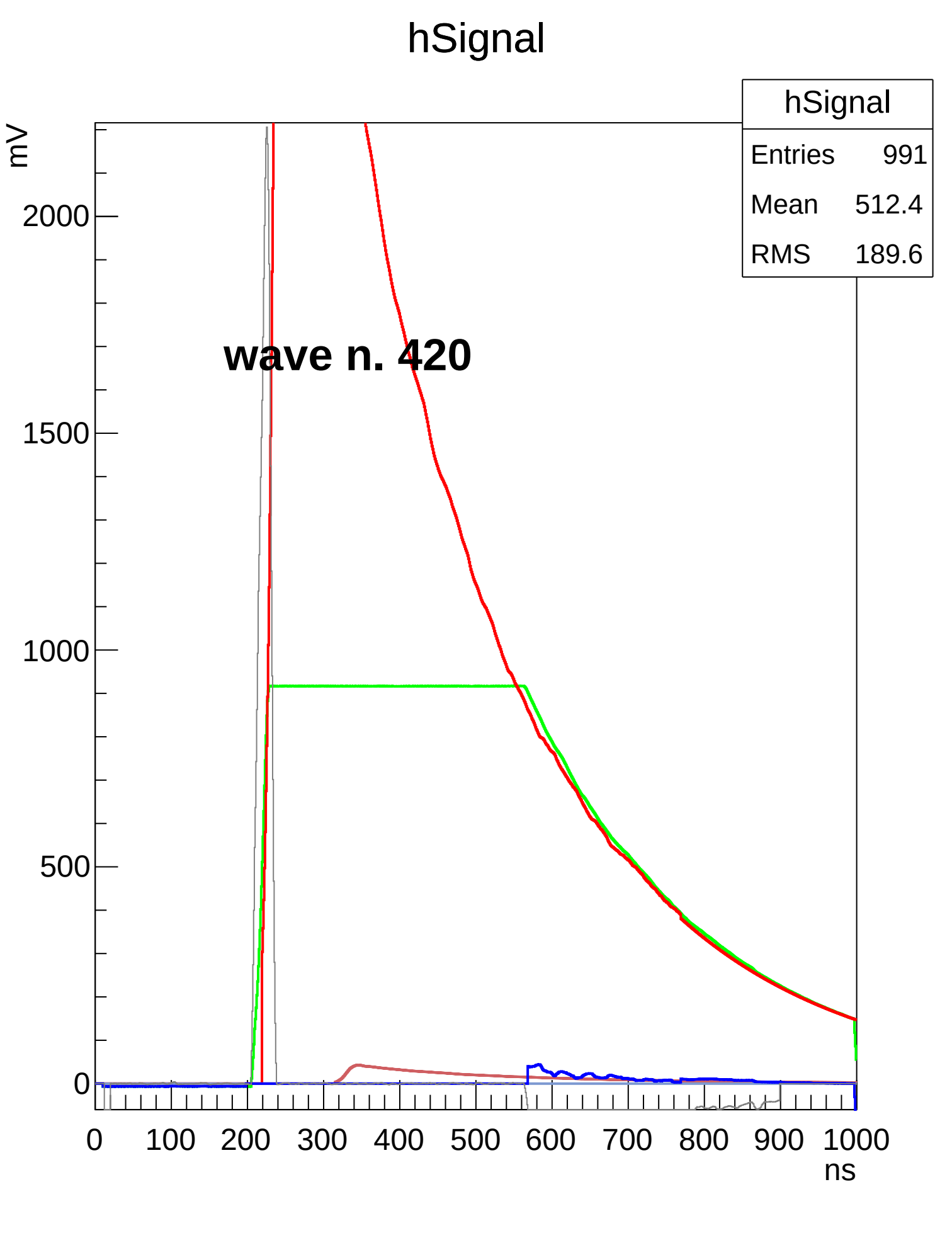
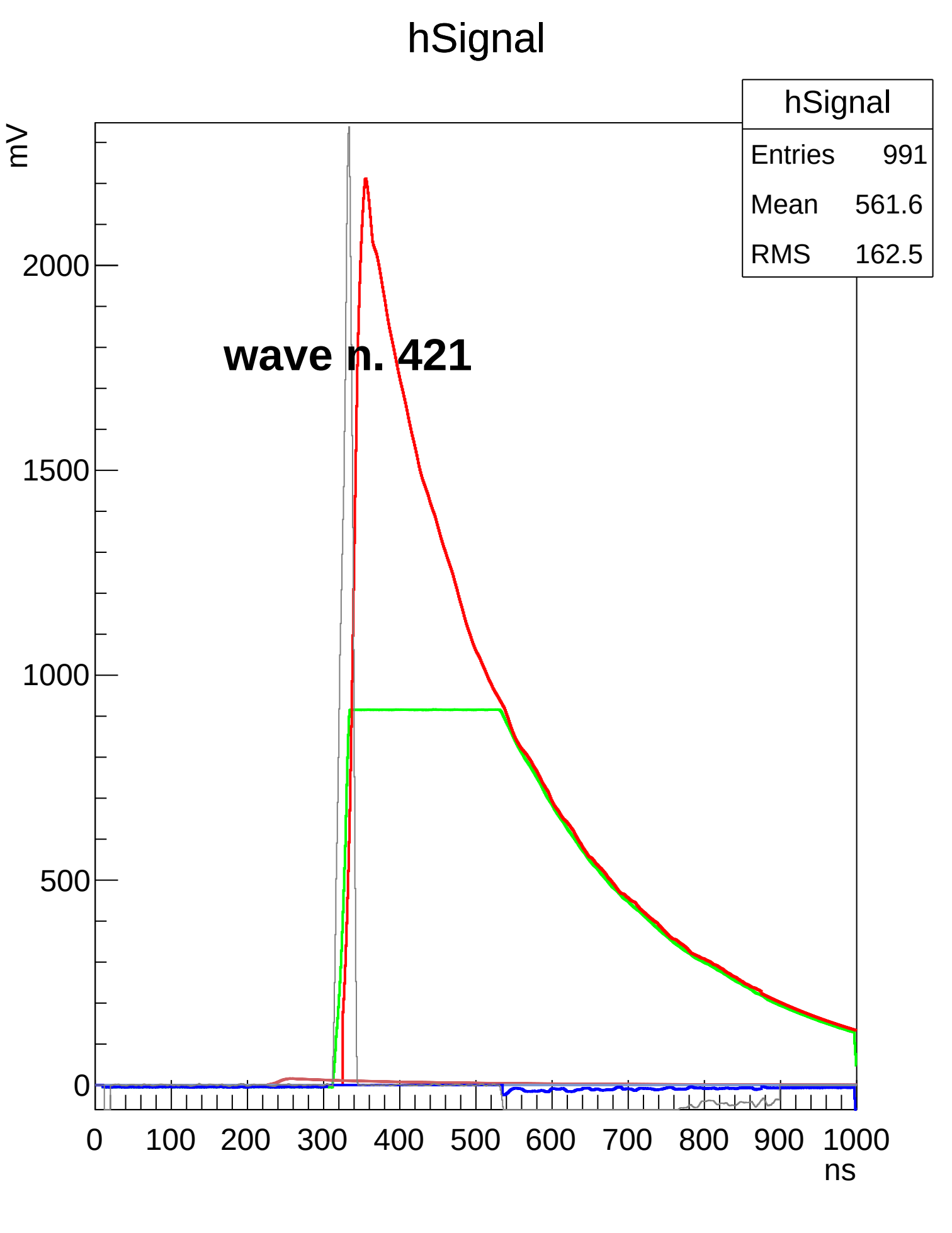
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

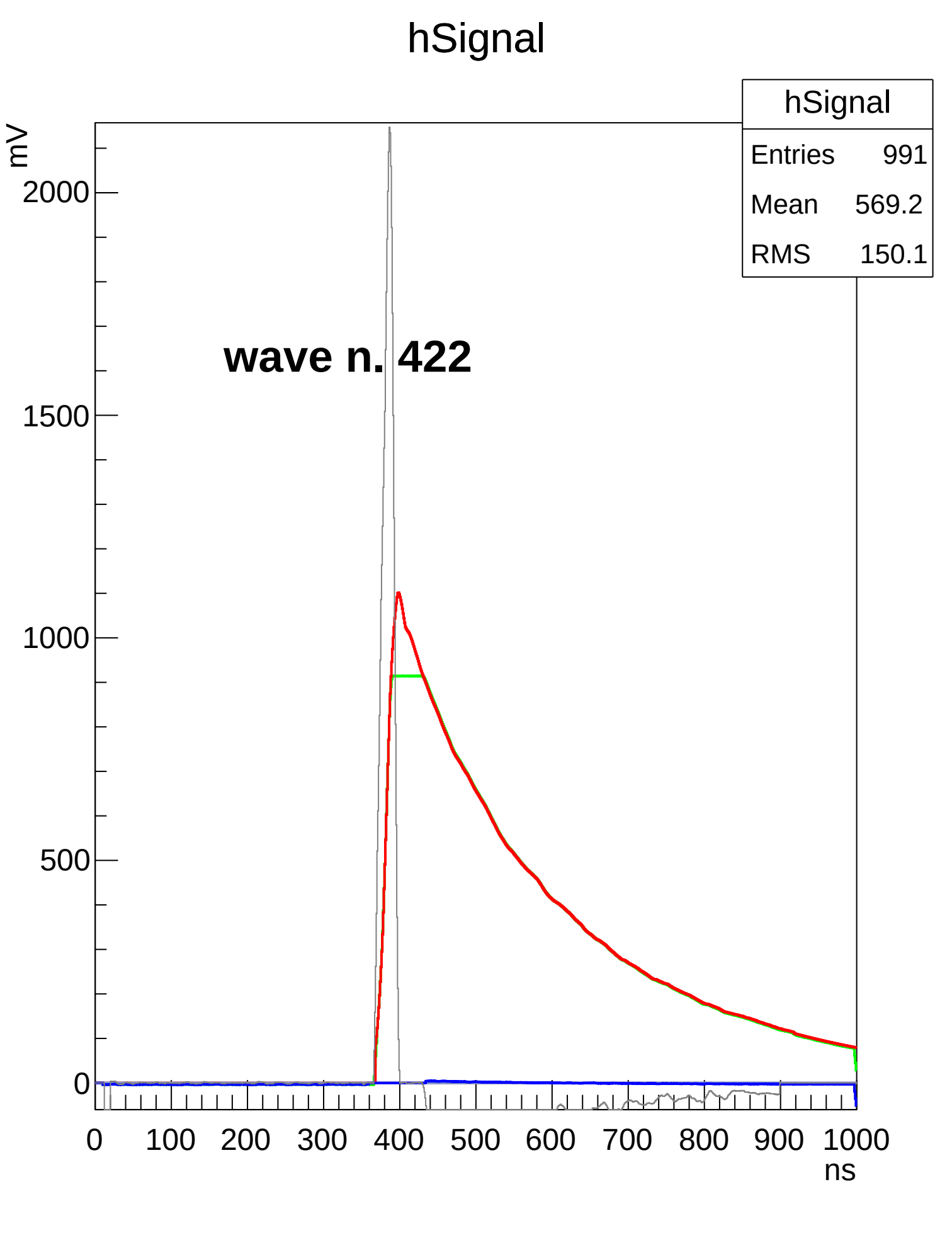

hSignal
hSignal
Entries 991
Mean 569.7
RMS 150.2
wave n. 417
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 536
RMS 191.7
wave n. 418
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 497.3
RMS 185
wave n. 419
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 512.4
RMS 189.6
wave n. 420
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.6
RMS 162.5
wave n. 421
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 569.2
RMS 150.1
wave n. 422
mV
2000
1500
1000
500
0
0
100
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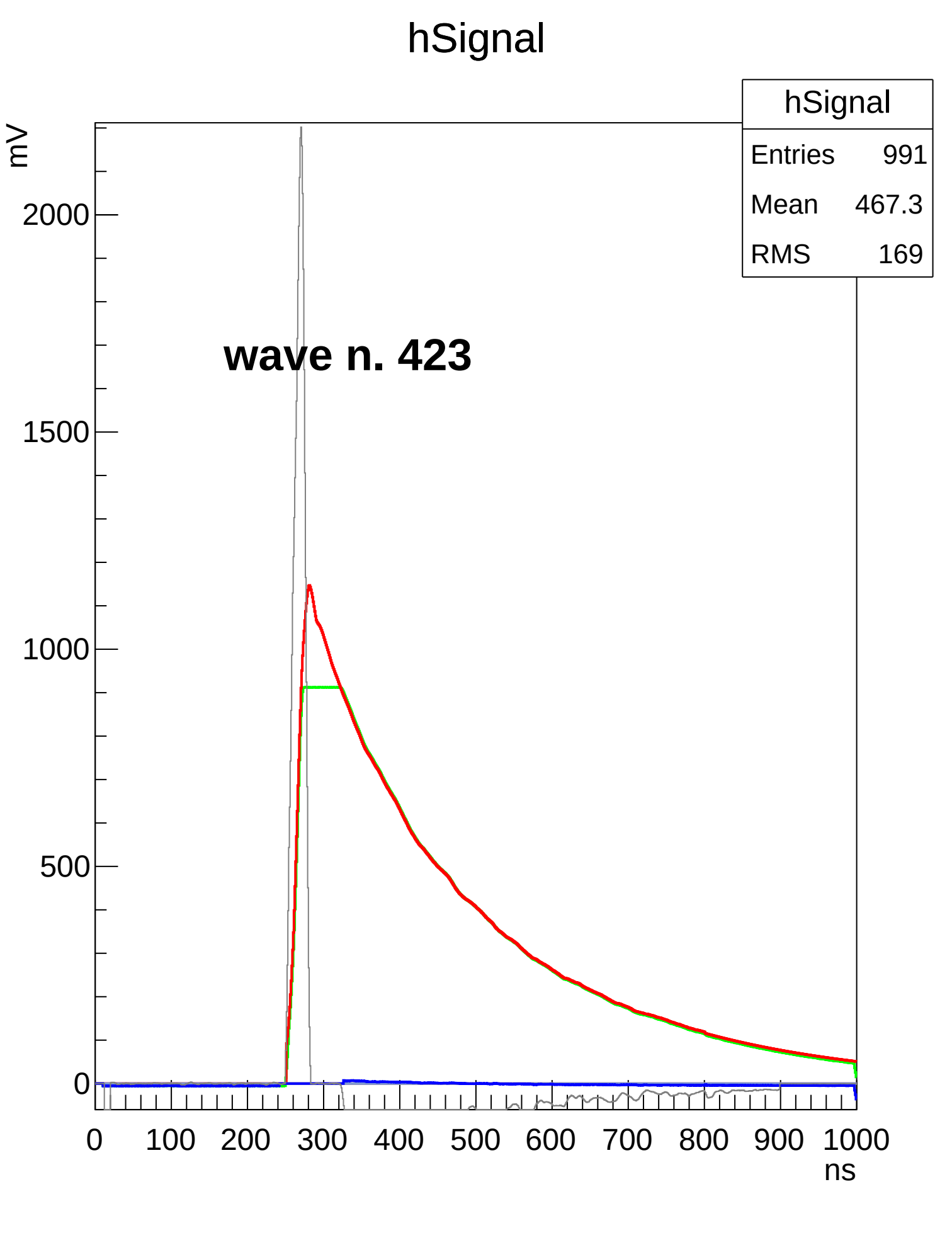
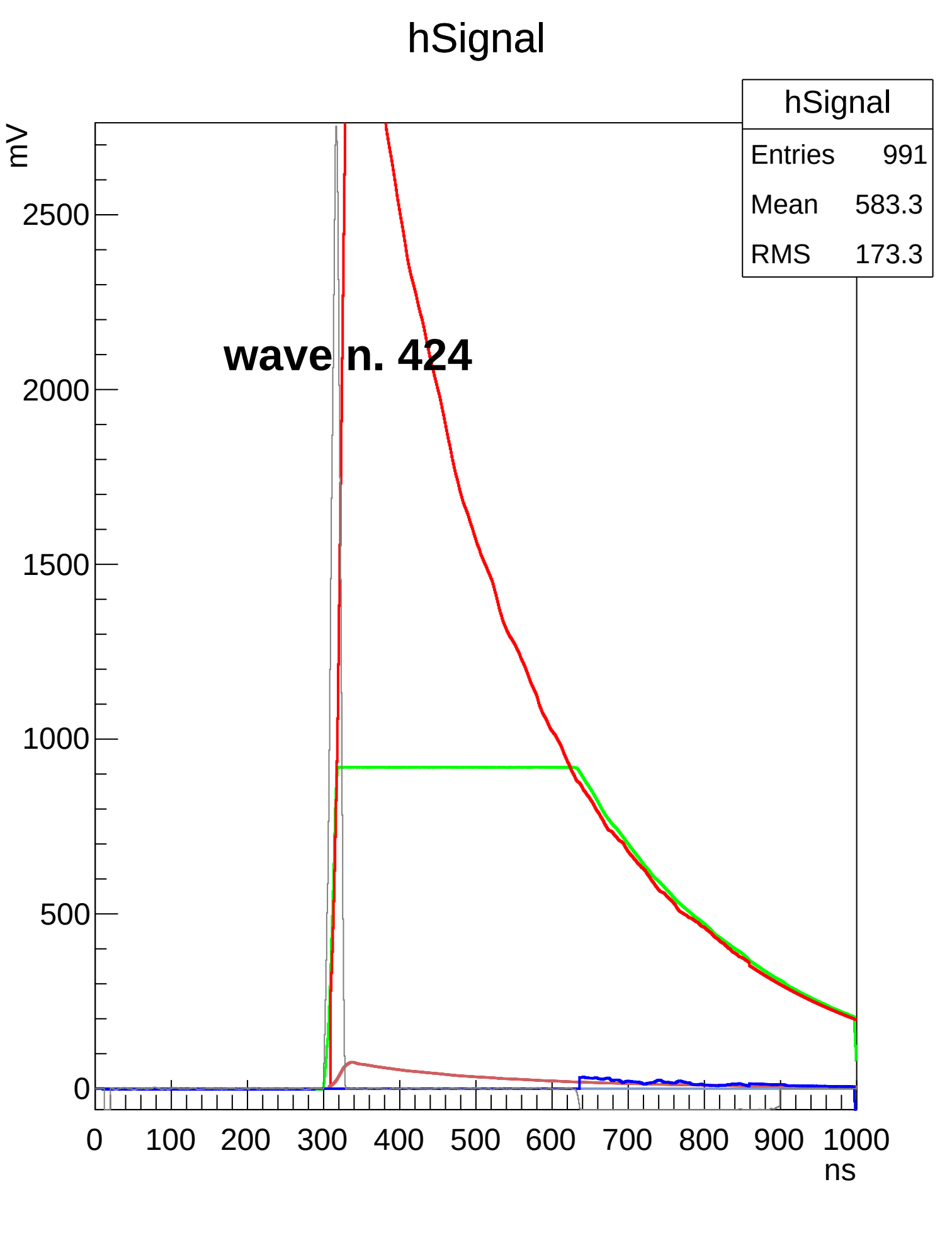
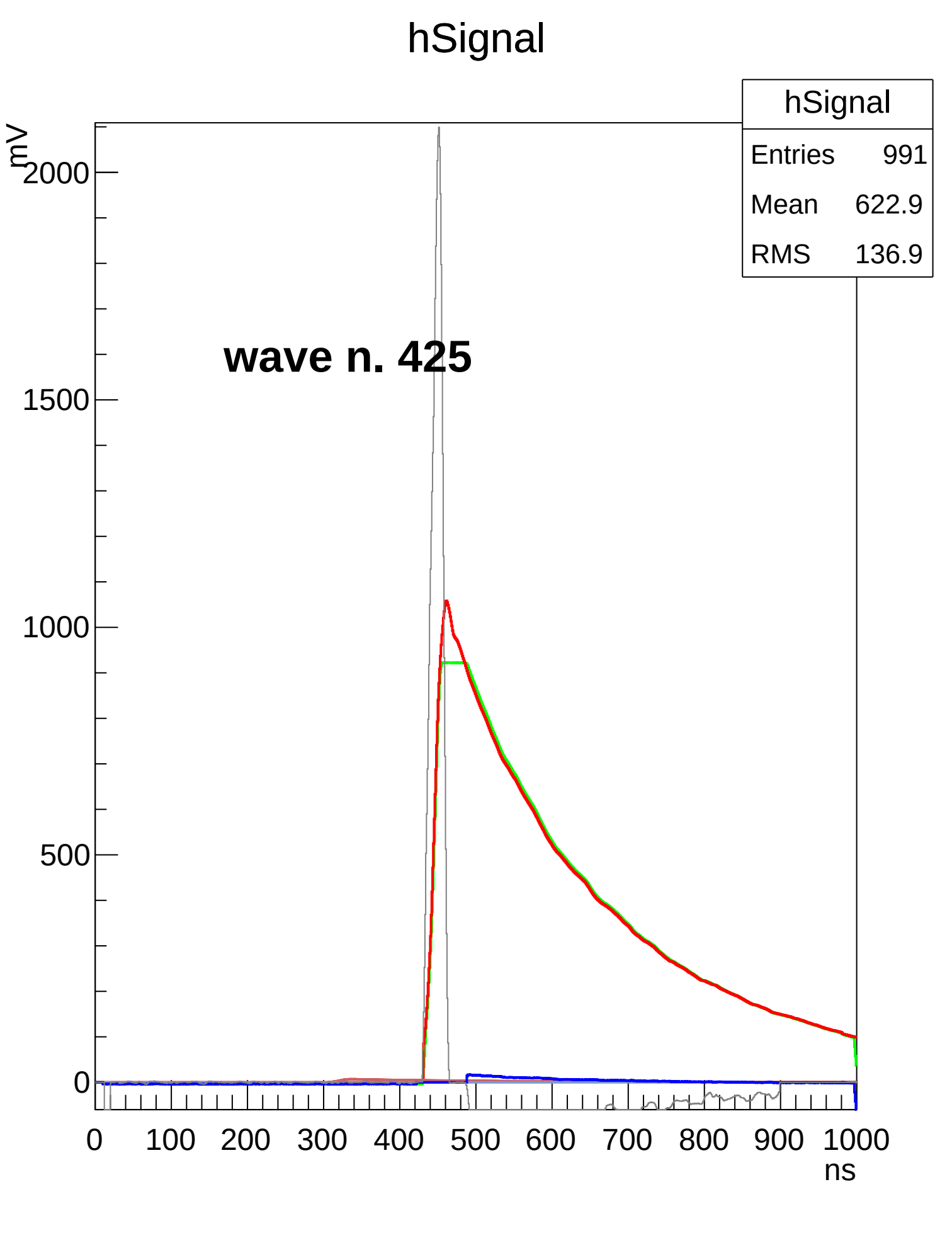
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 467.3
RMS 169
wave n. 423
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 583.3
RMS 173.3
wave n. 424
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 622.9
RMS 136.9
wave n. 425
mV
2000
1500
1000
500
0
0
100
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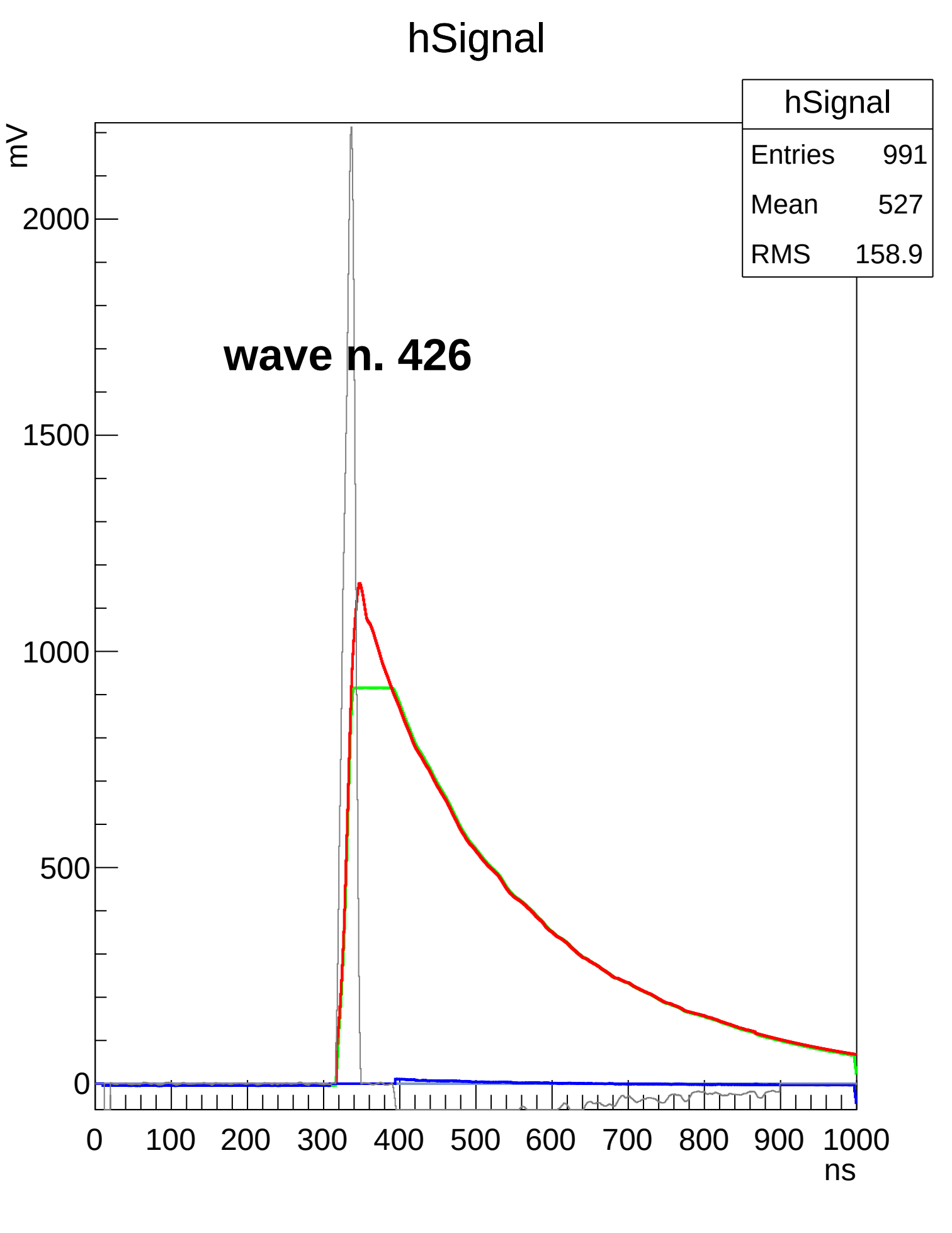
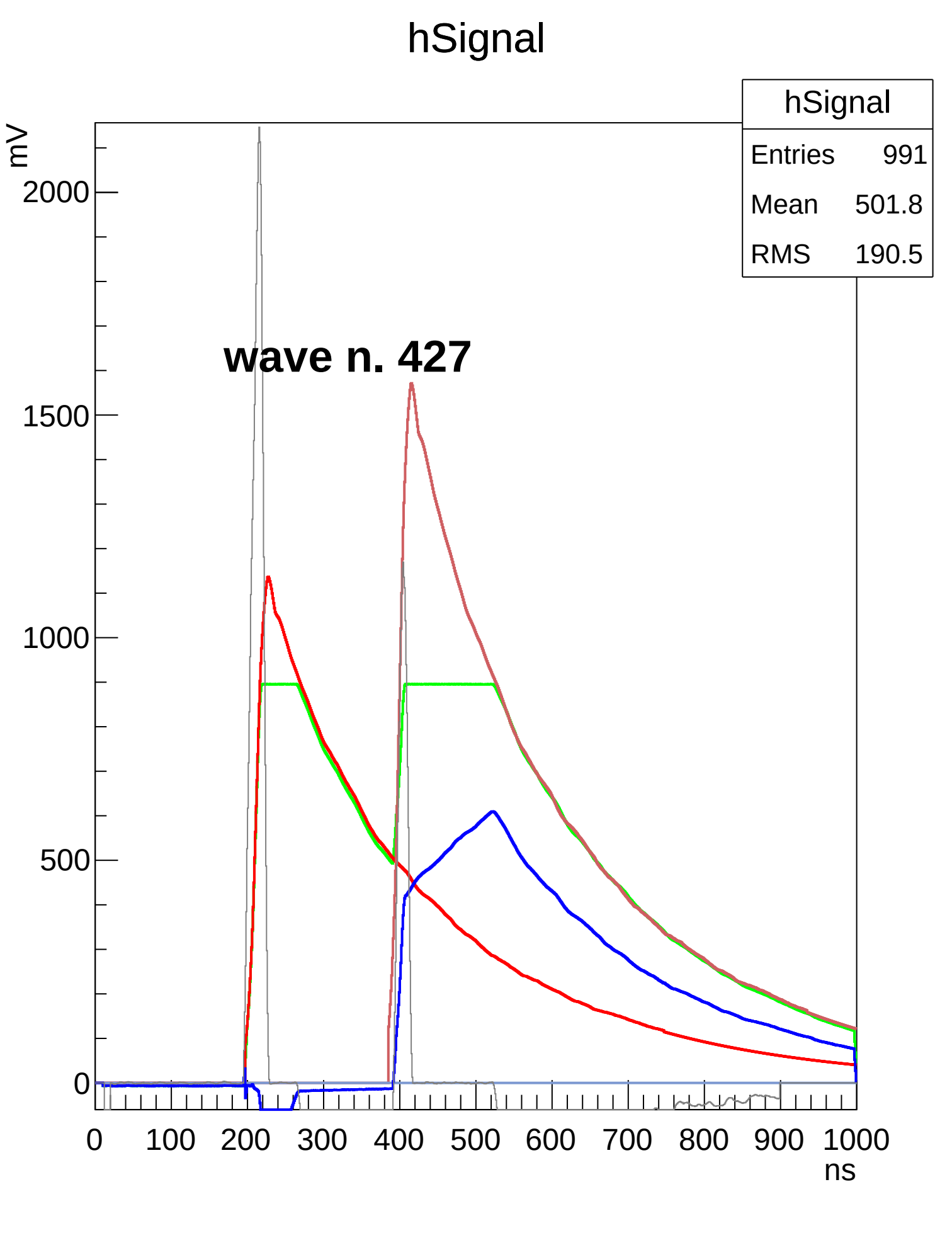
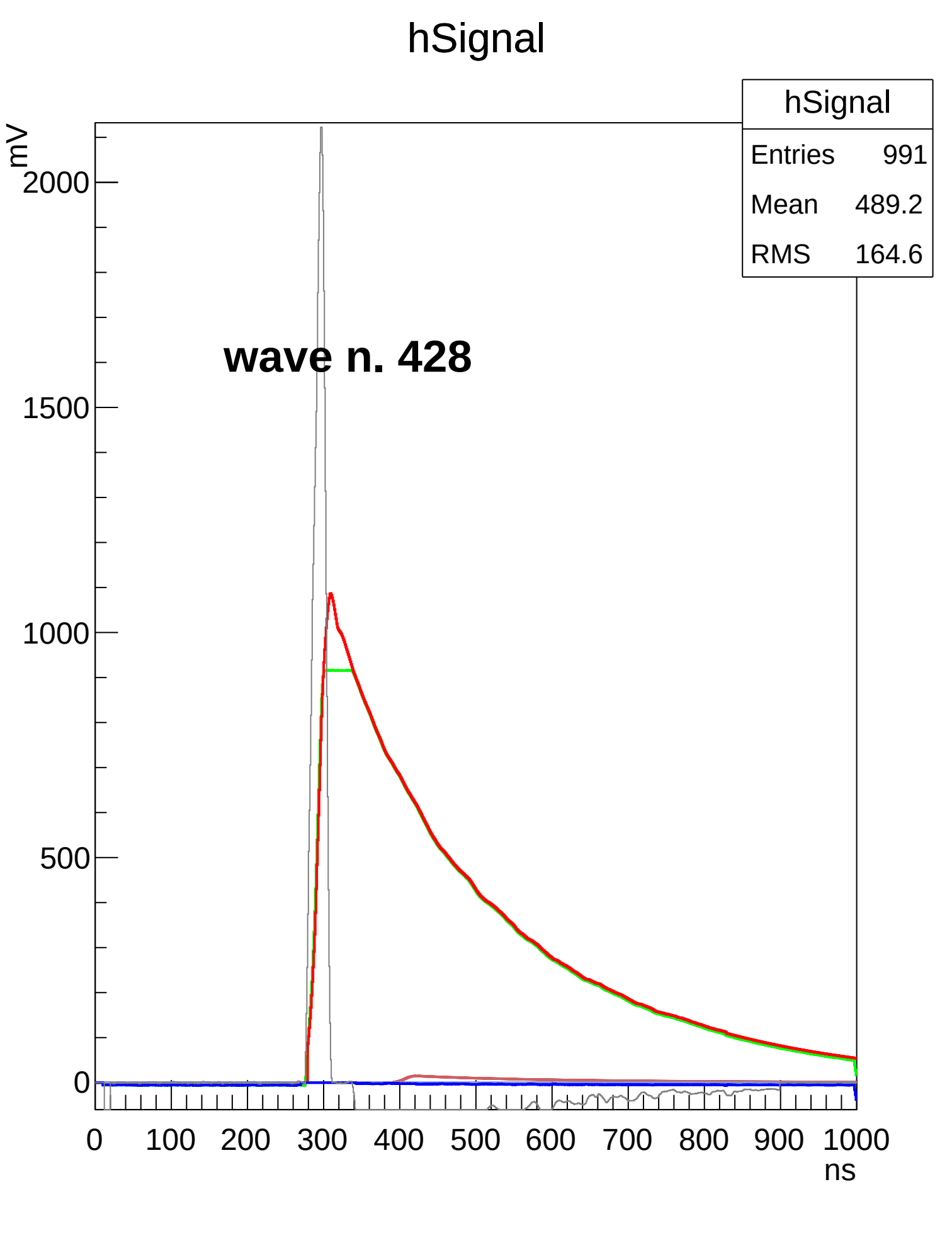
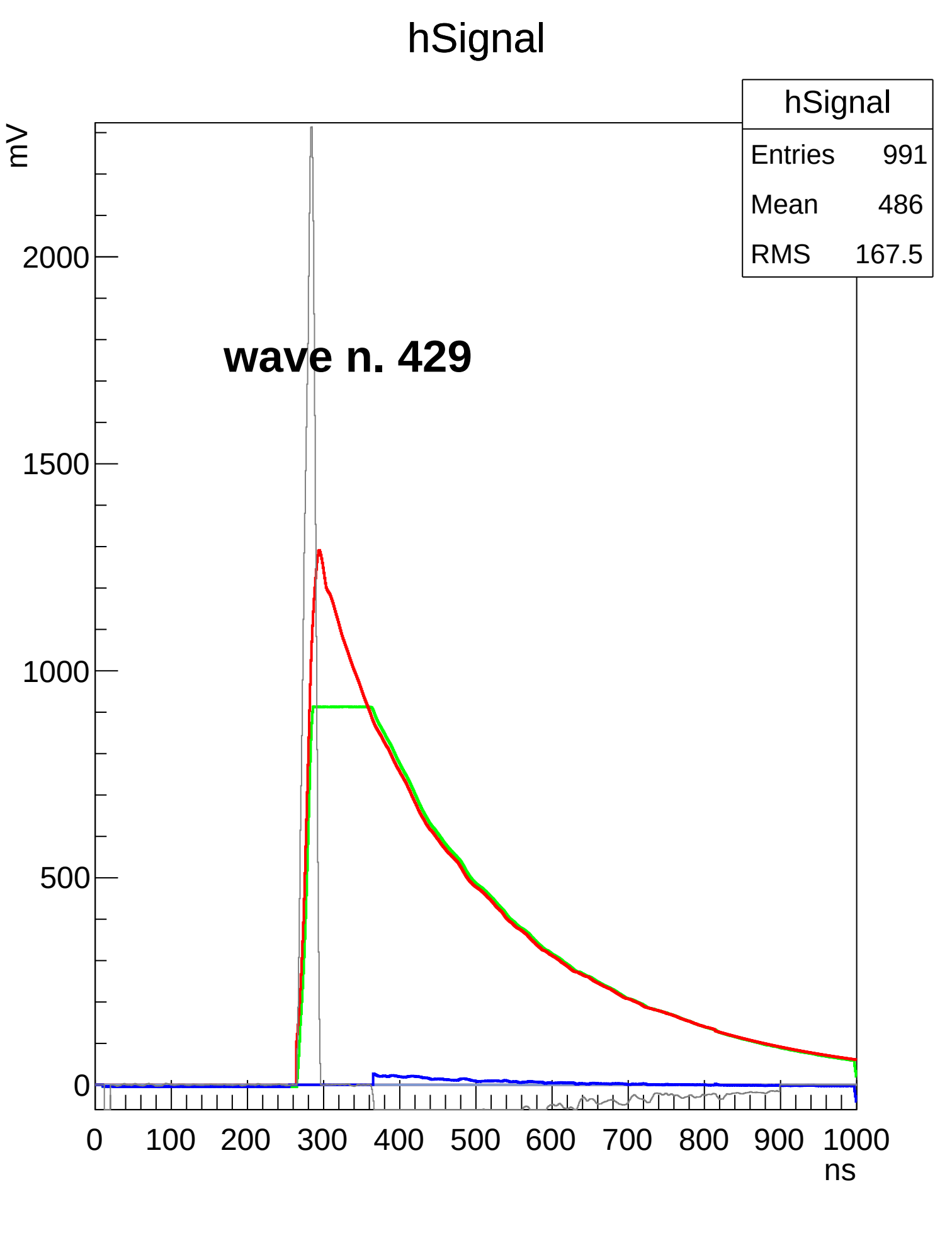
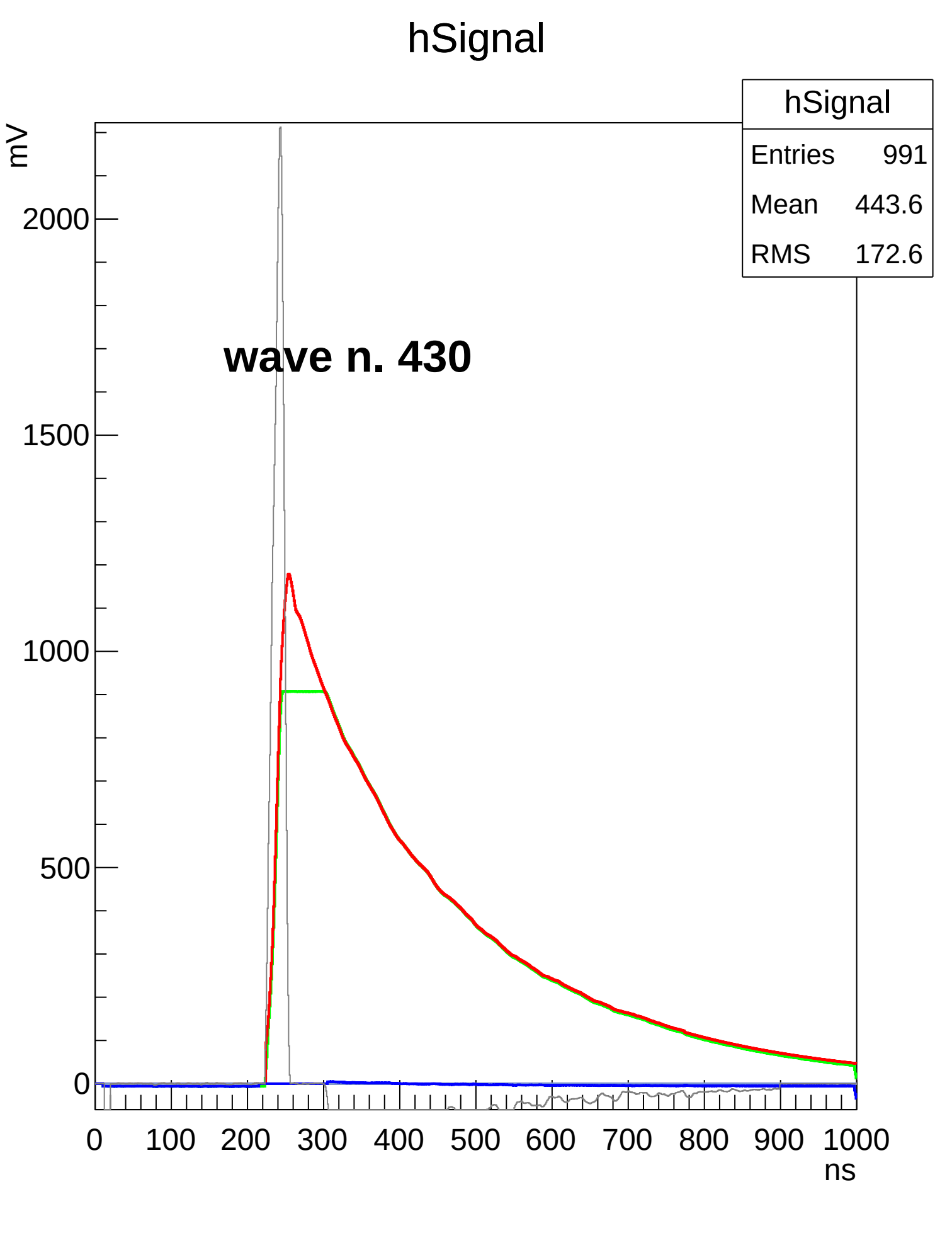
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527
RMS 158.9
wave n. 426
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 501.8
RMS 190.5
wave n. 427
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 489.2
RMS 164.6
wave n. 428
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486
RMS 167.5
wave n. 429
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 443.6
RMS 172.6
wave n. 430
mV
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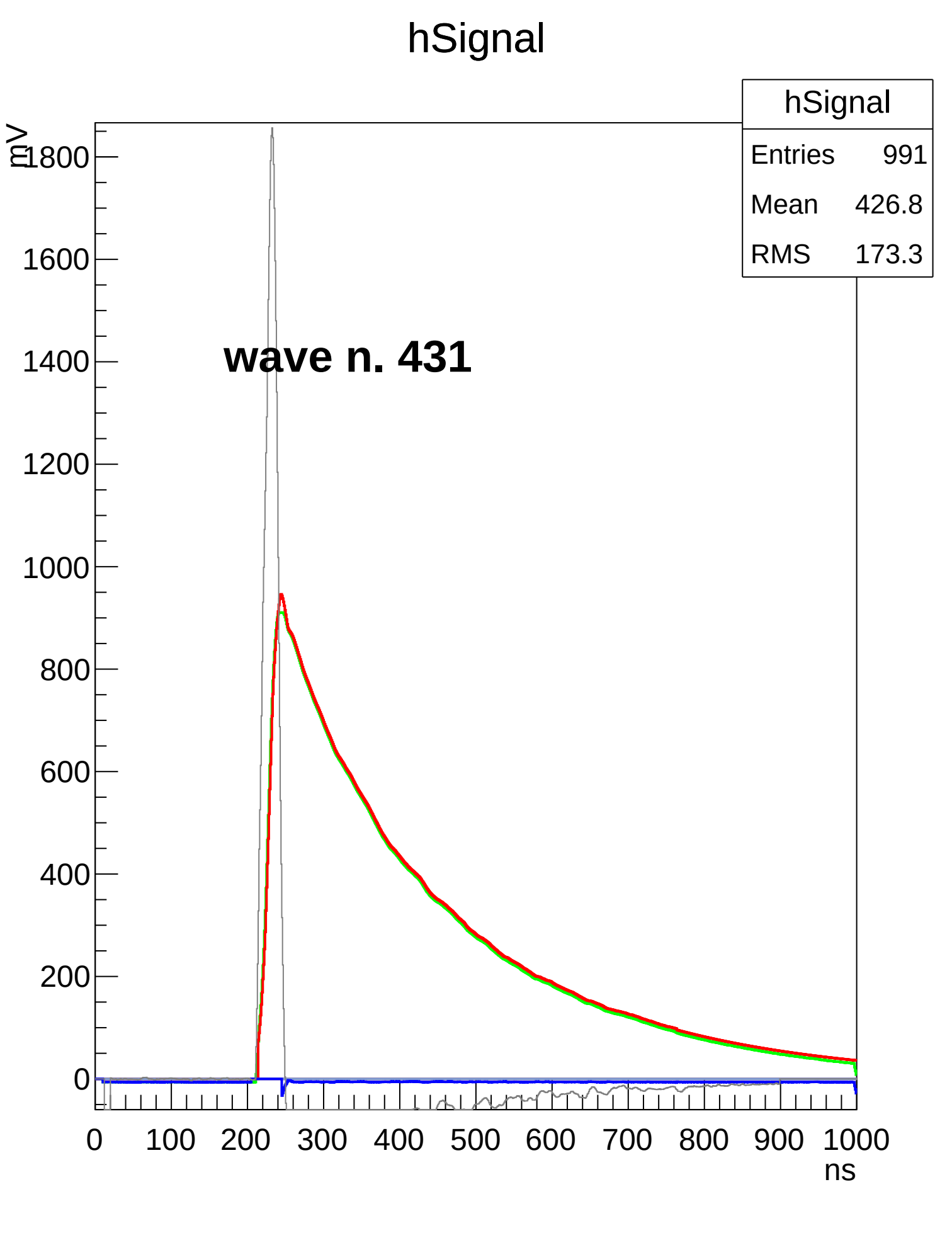
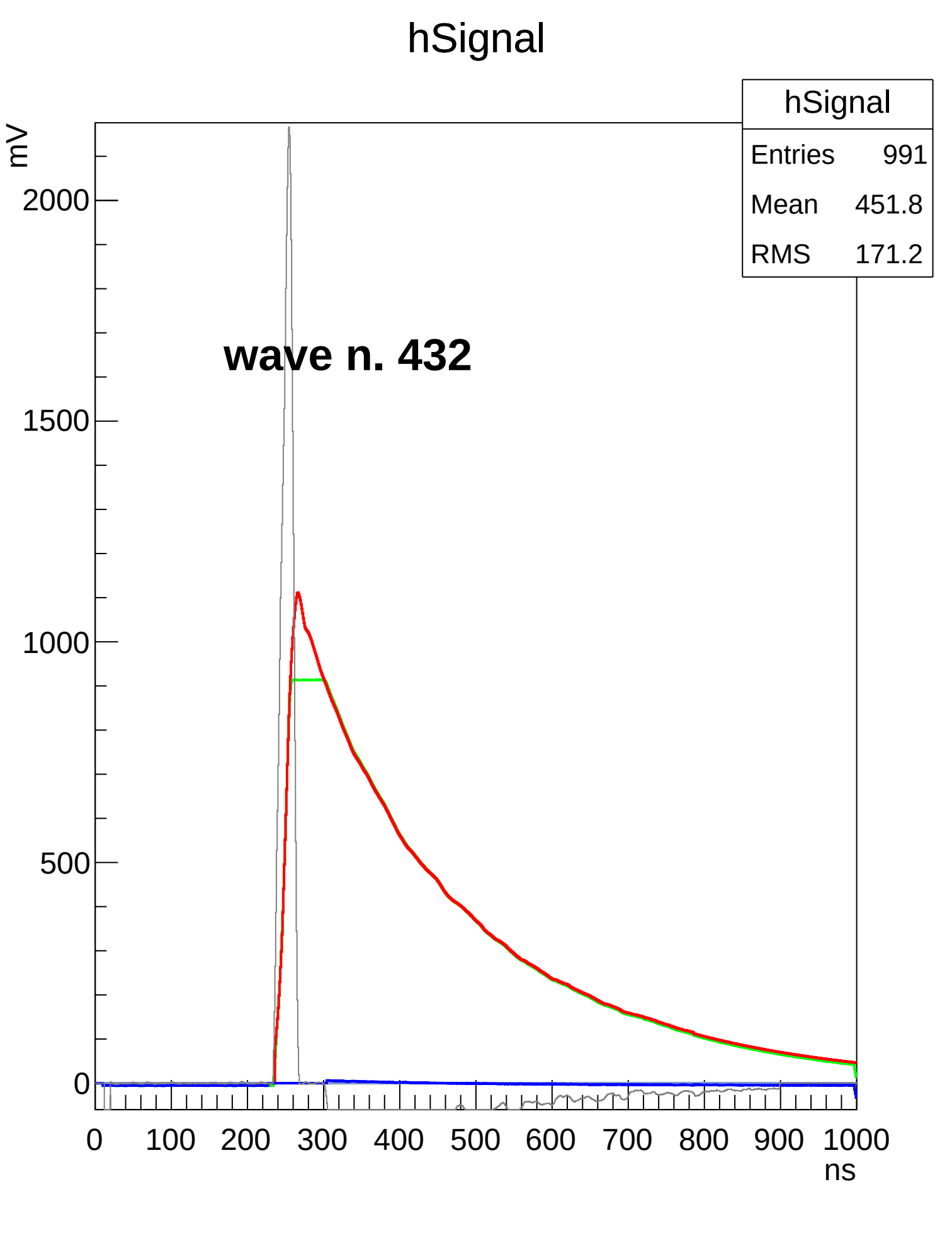
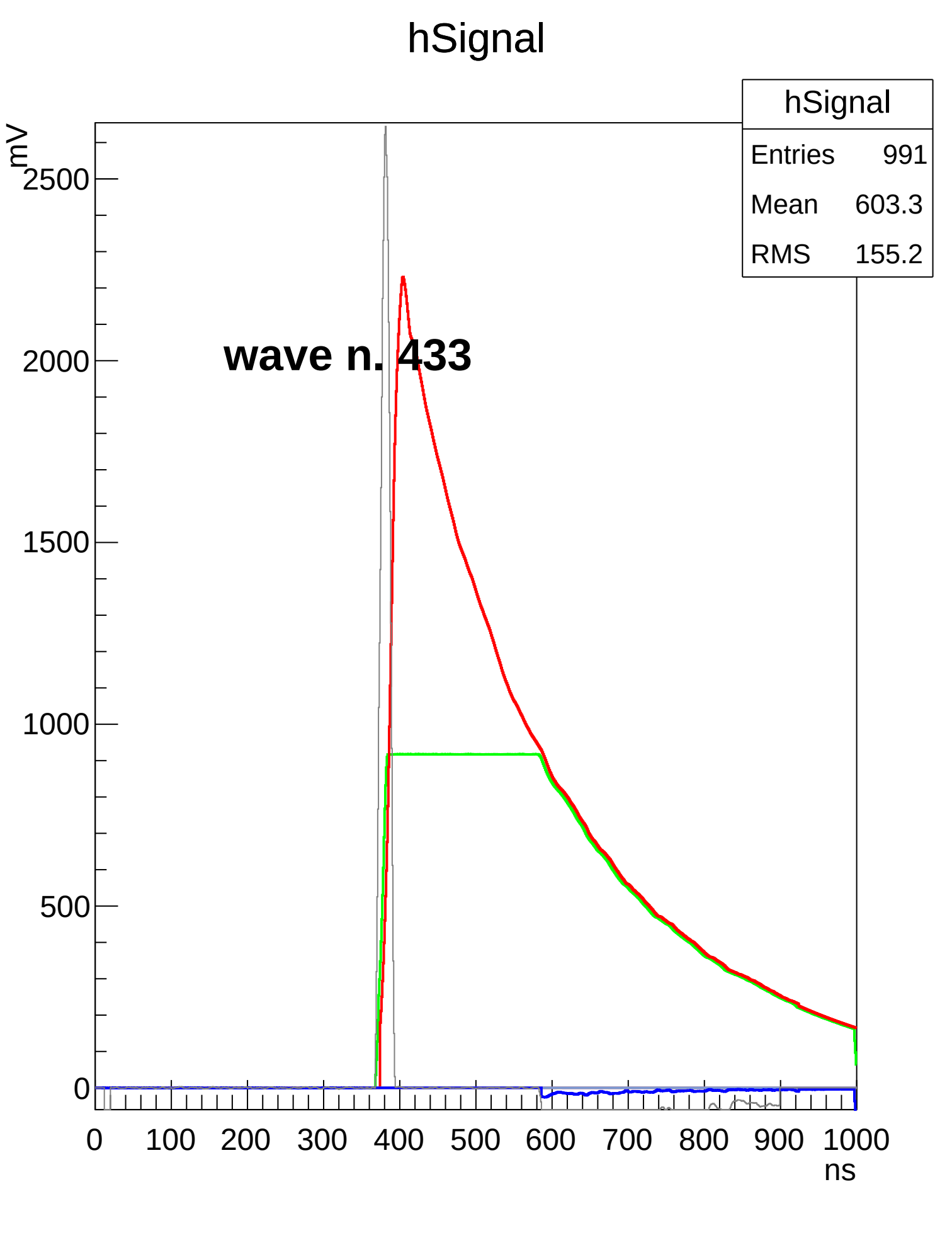
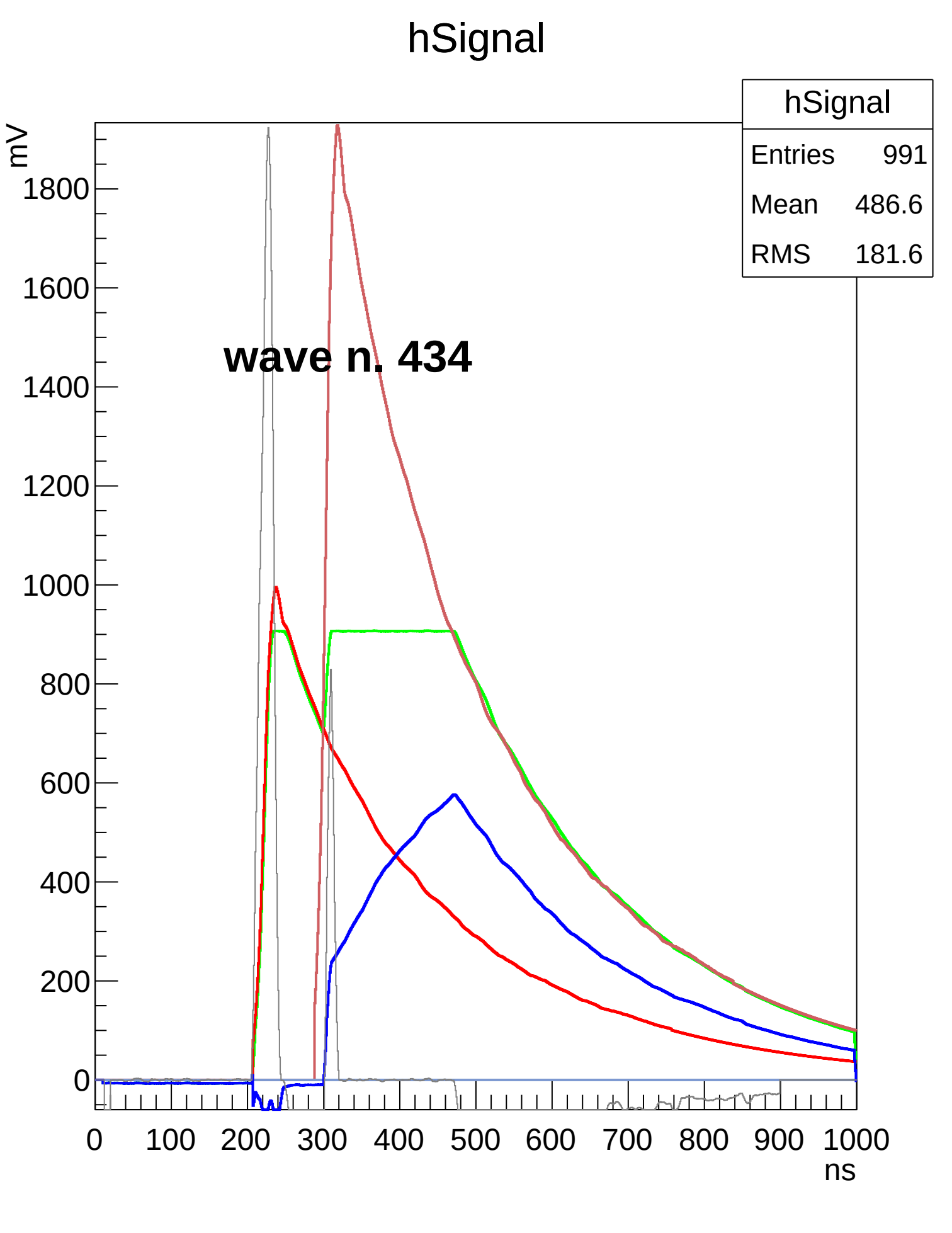
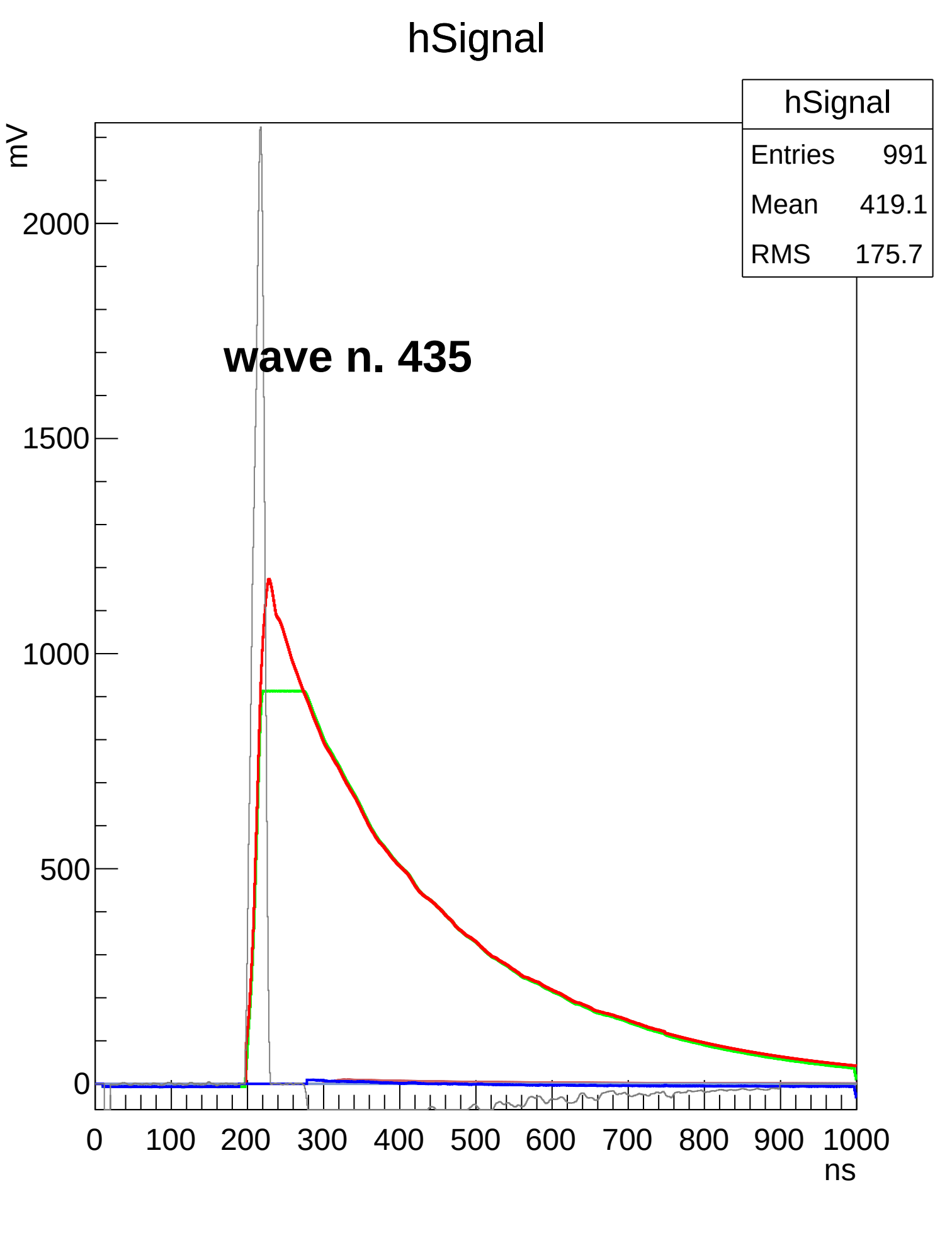
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

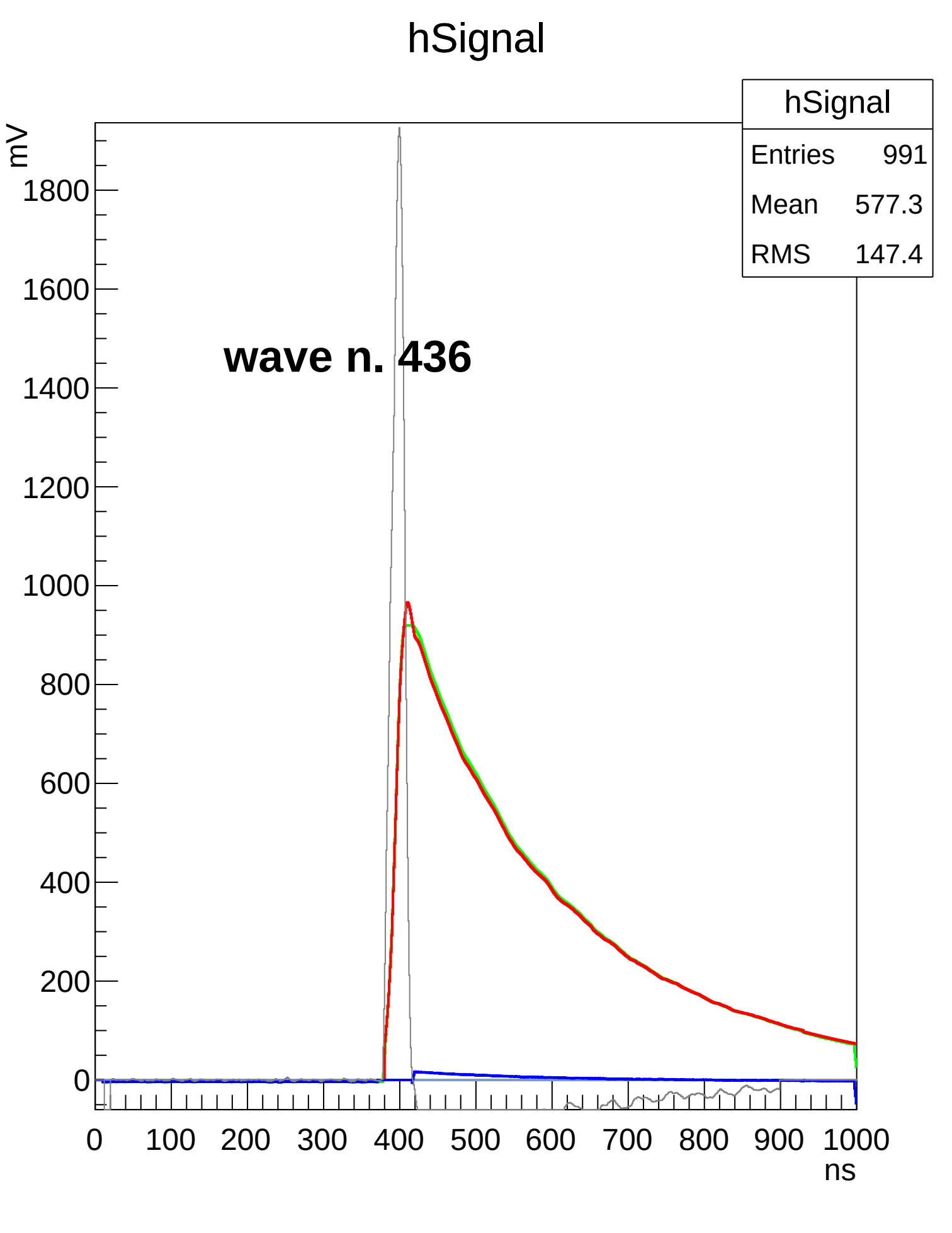

hSignal
hSignal
Entries 991
Mean 426.8
RMS 173.3
wave n. 431
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

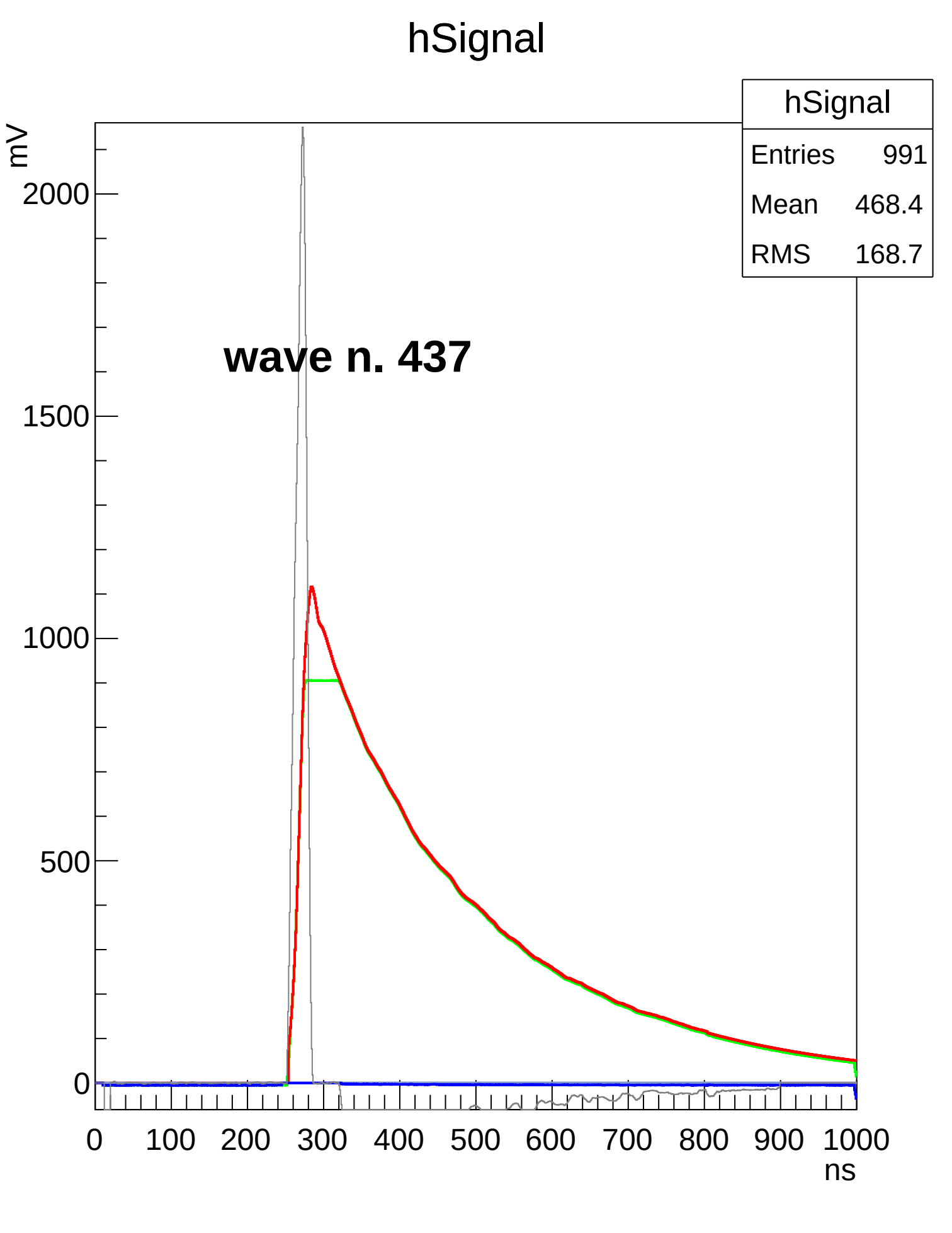

hSignal
hSignal
Entries 991
Mean 451.8
RMS 171.2
wave n. 432
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

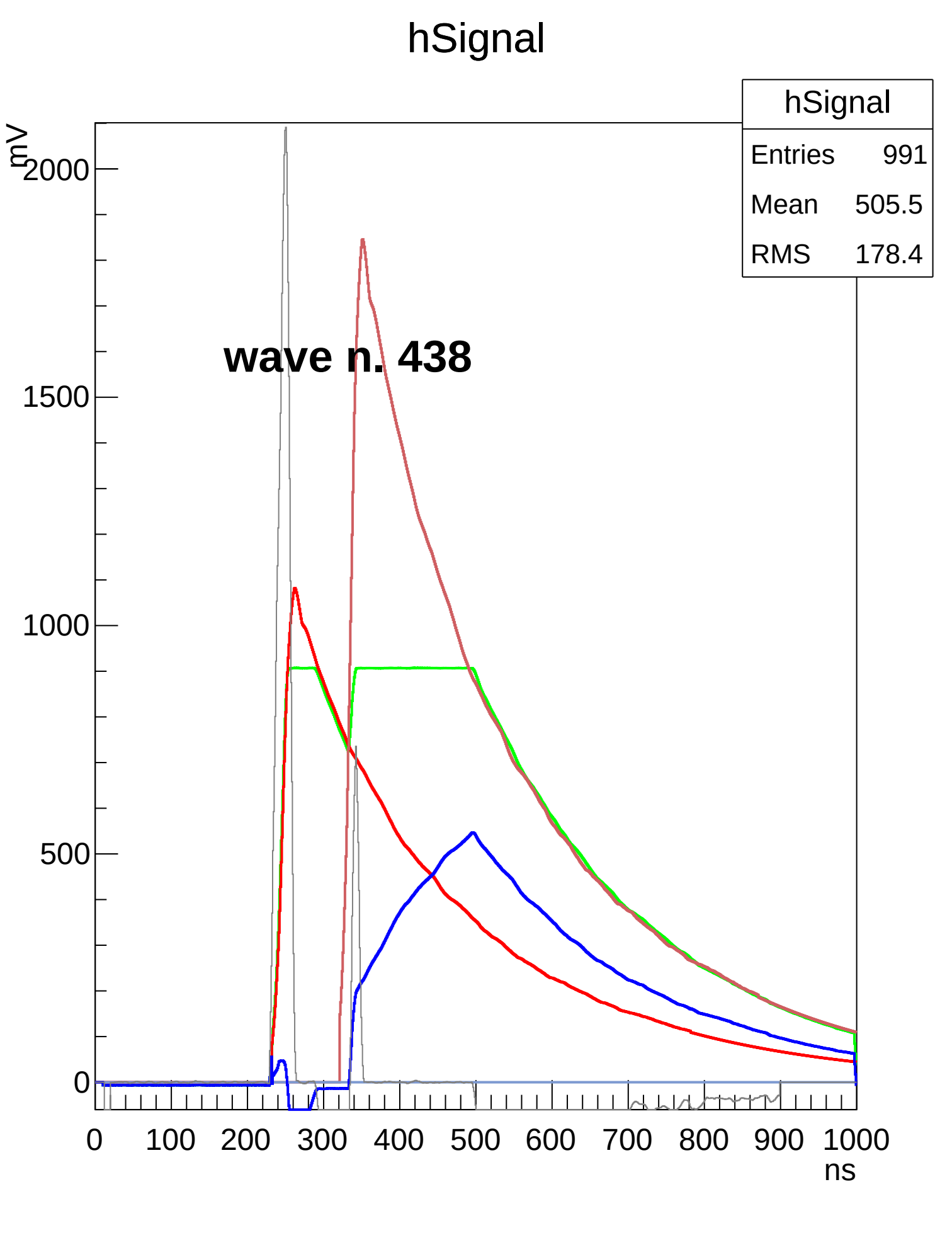

hSignal
hSignal
Entries 991
Mean 603.3
RMS 155.2
wave n. 433
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

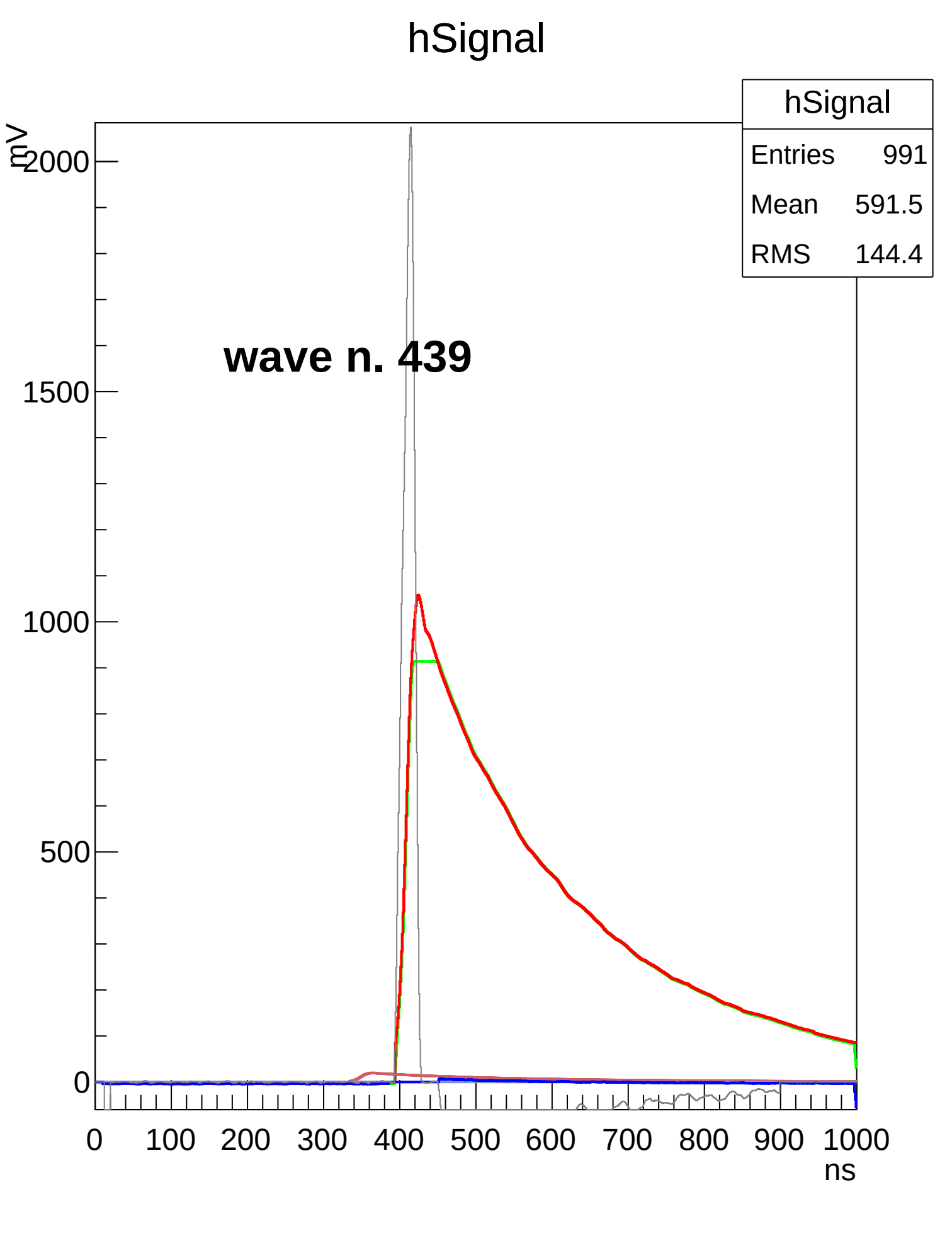

hSignal
hSignal
Entries 991
Mean 486.6
RMS 181.6
wave n. 434
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 419.1
RMS 175.7
wave n. 435
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.3
RMS 147.4
wave n. 436
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 468.4
RMS 168.7
wave n. 437
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.5
RMS 178.4
wave n. 438
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 591.5
RMS 144.4
wave n. 439
mV
2000
1500
1000
500
0
0
100
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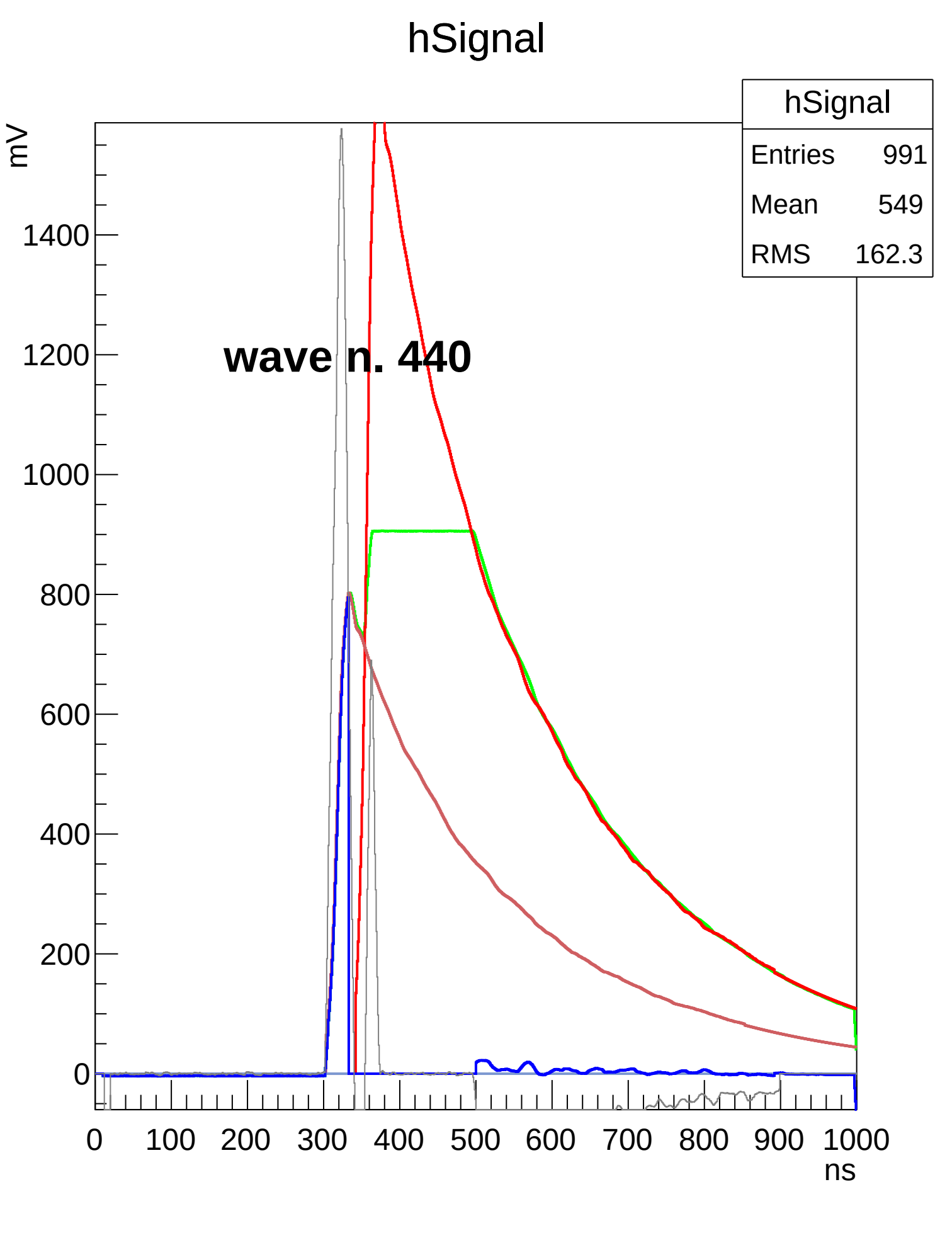
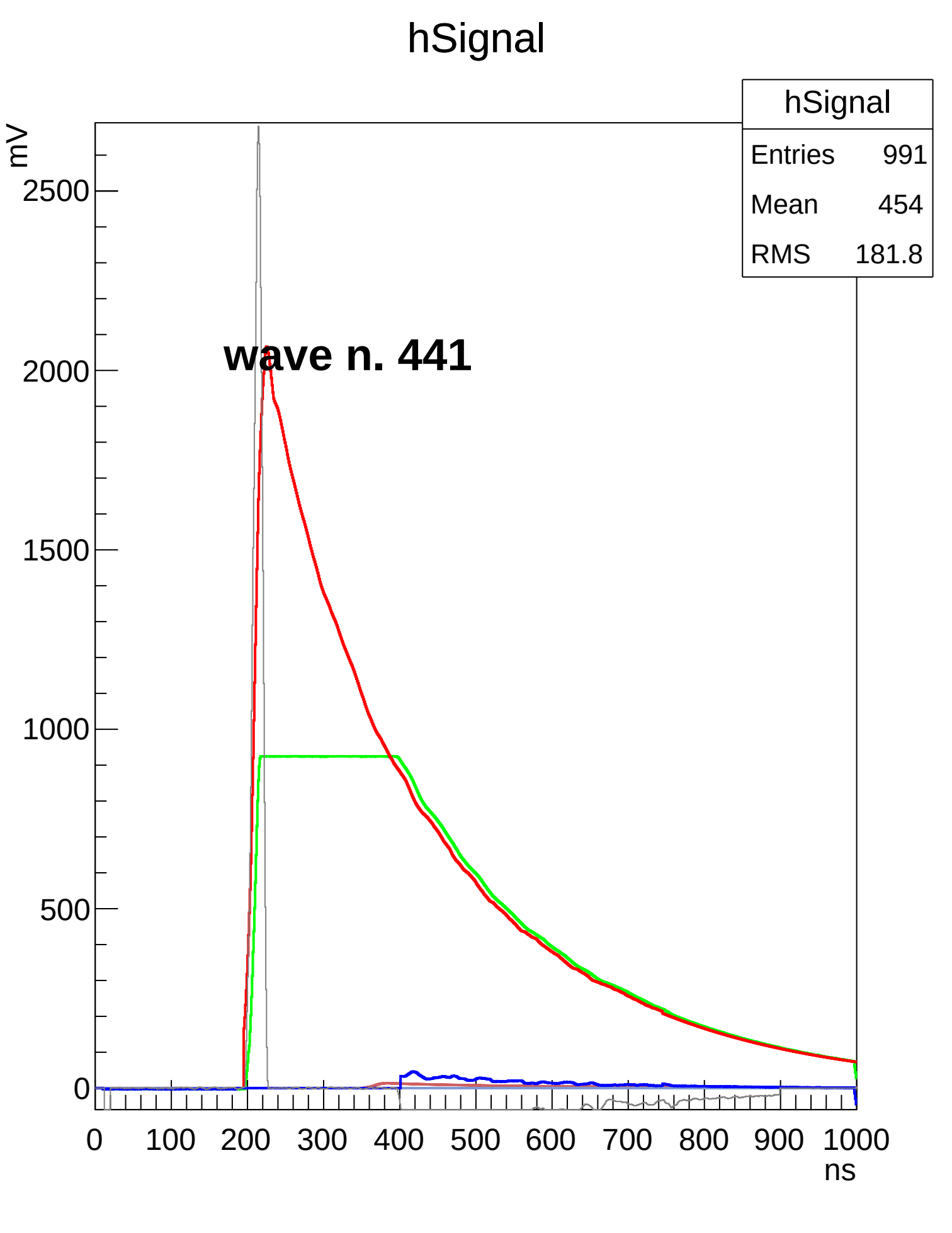
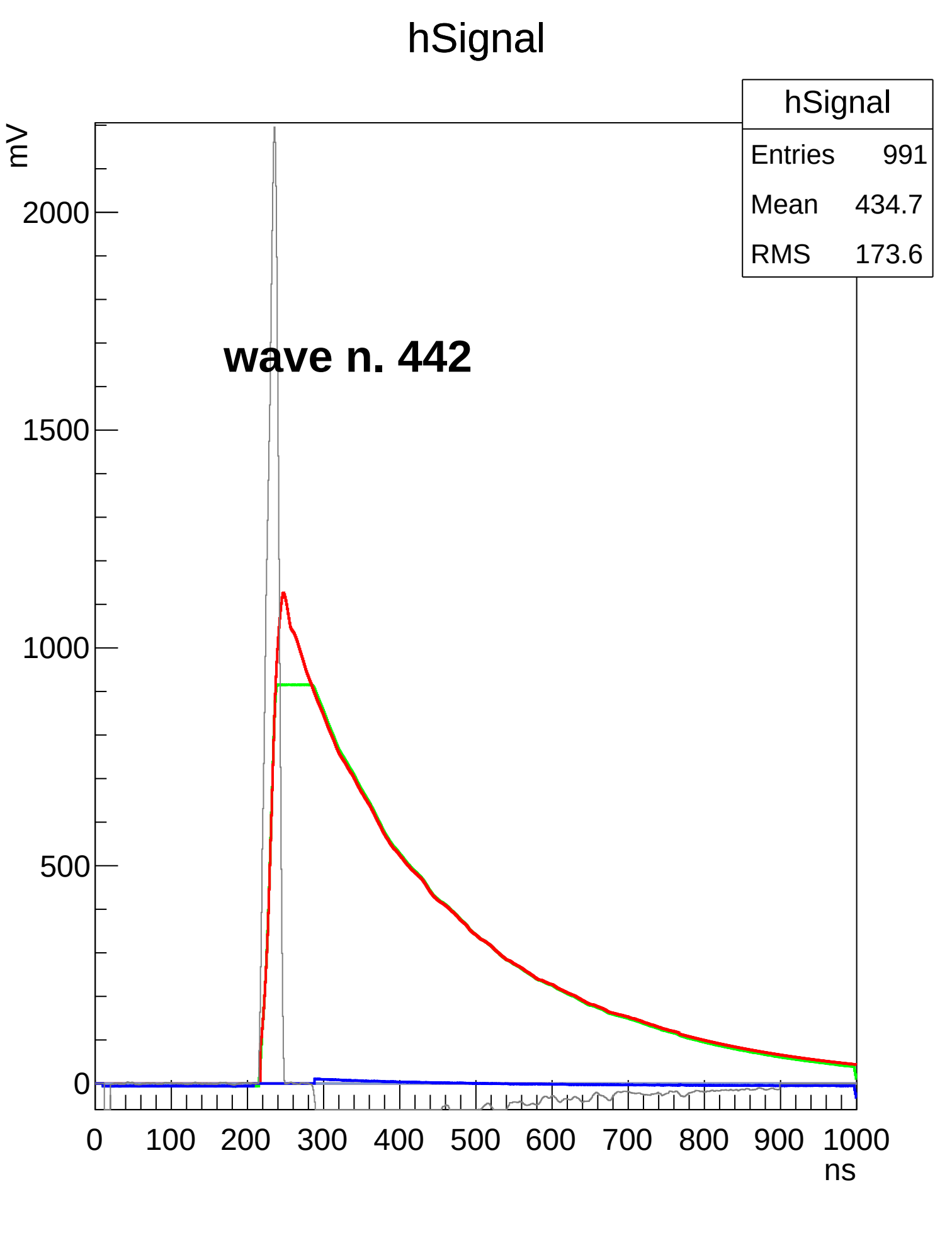
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549
RMS 162.3
wave n. 440
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 454
RMS 181.8
wave n. 441
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 434.7
RMS 173.6
wave n. 442
mV
2000
1500
1000
500
0
0
100
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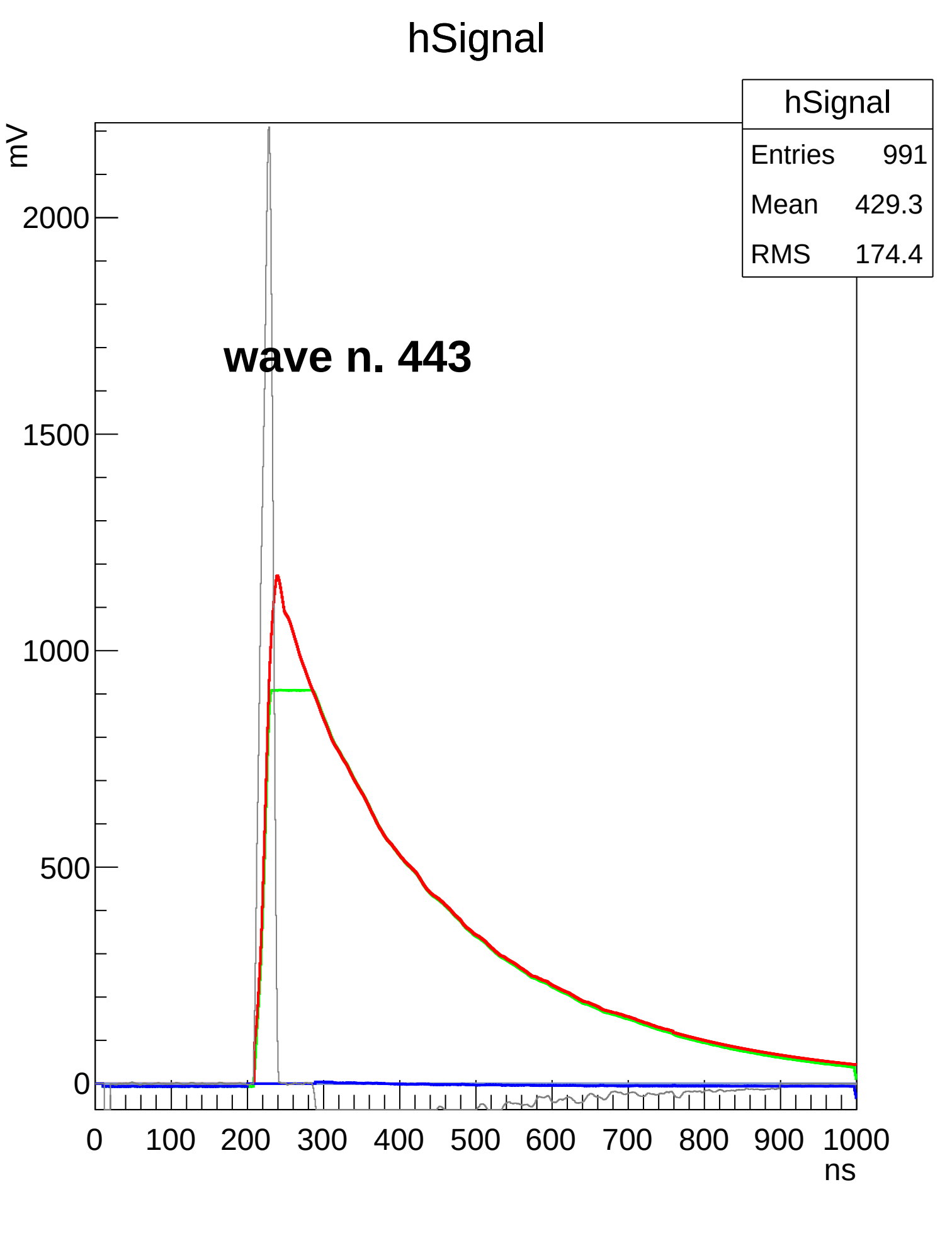
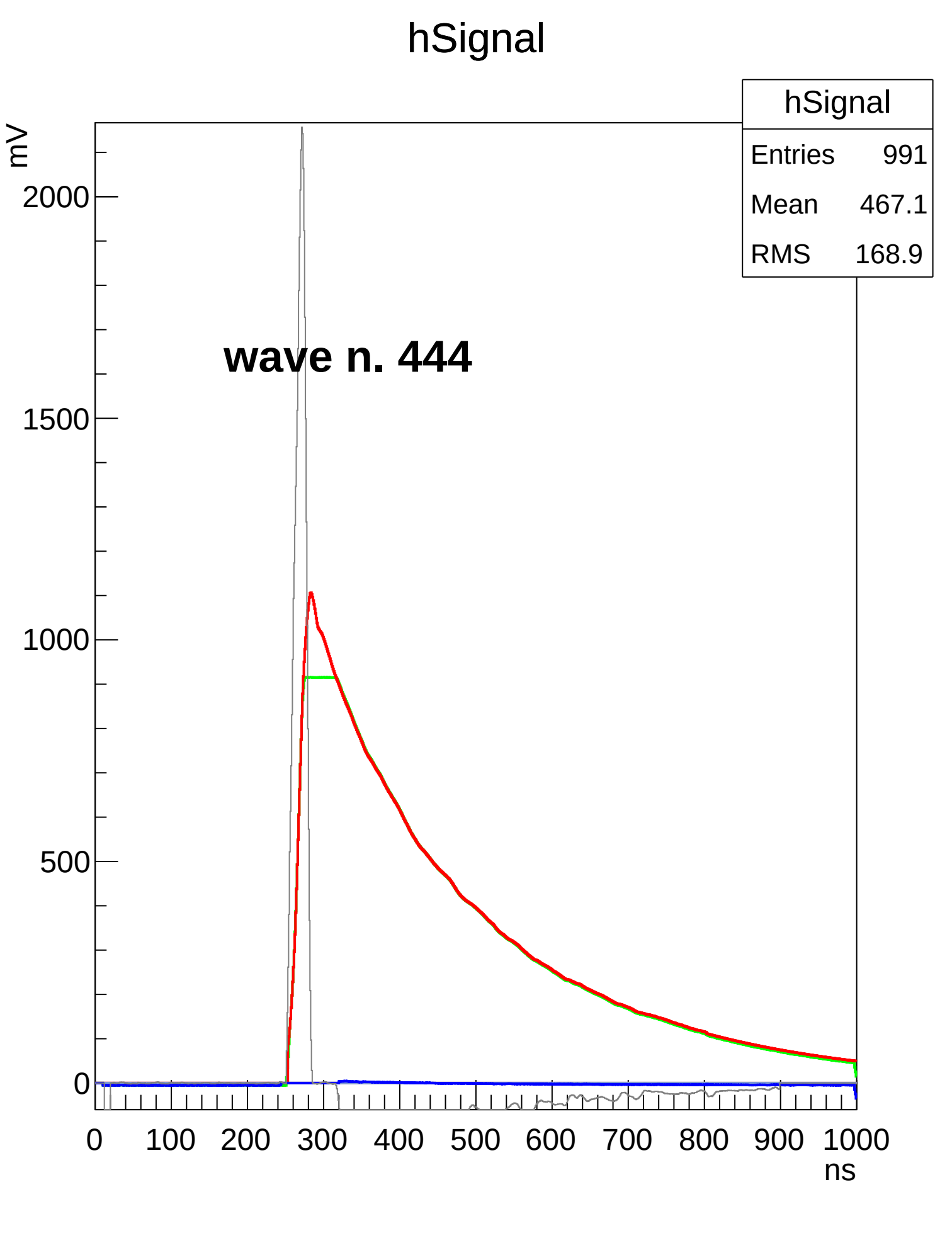
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 429.3
RMS 174.4
wave n. 443
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 467.1
RMS 168.9
wave n. 444
mV
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1500
1000
500
0
0
100
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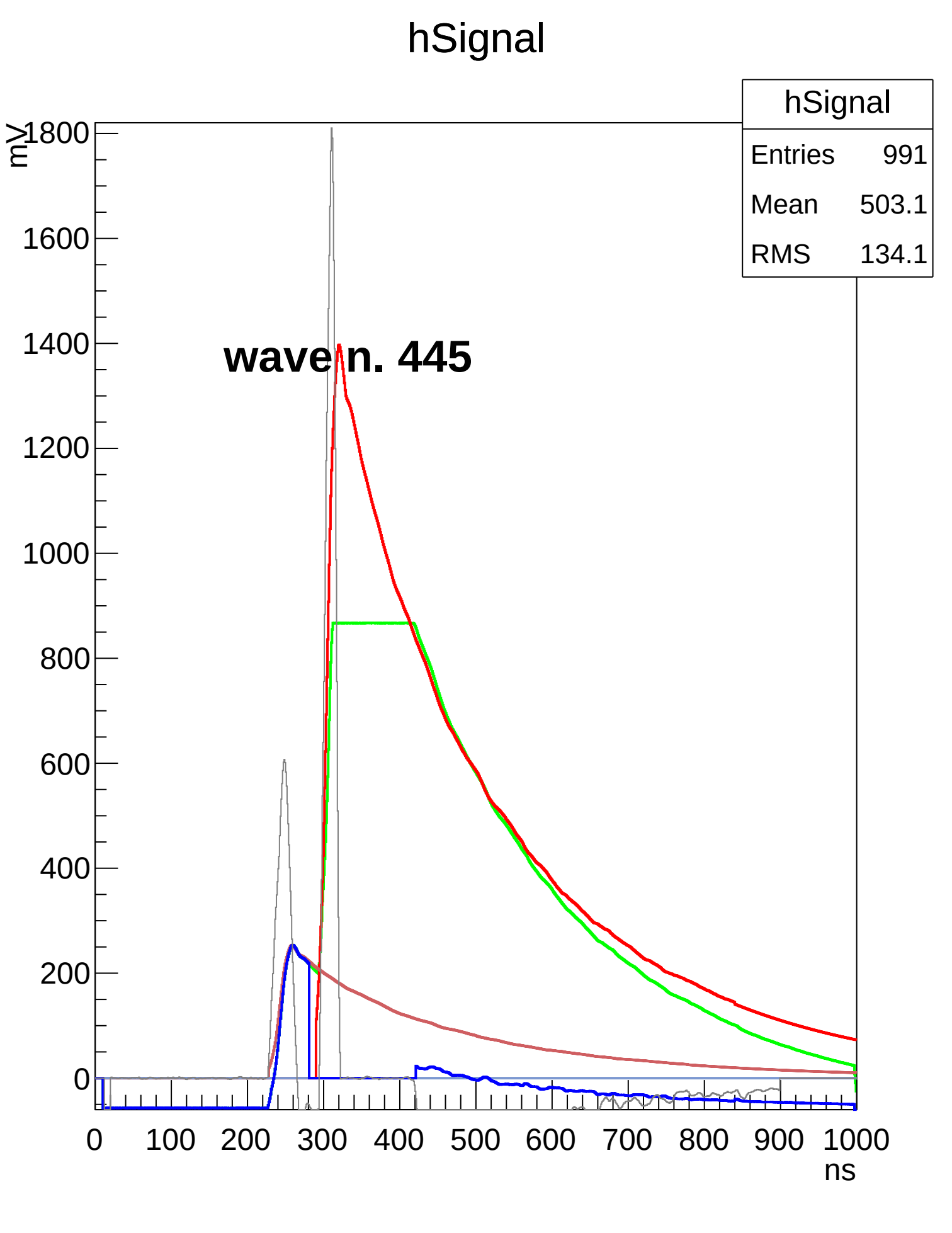
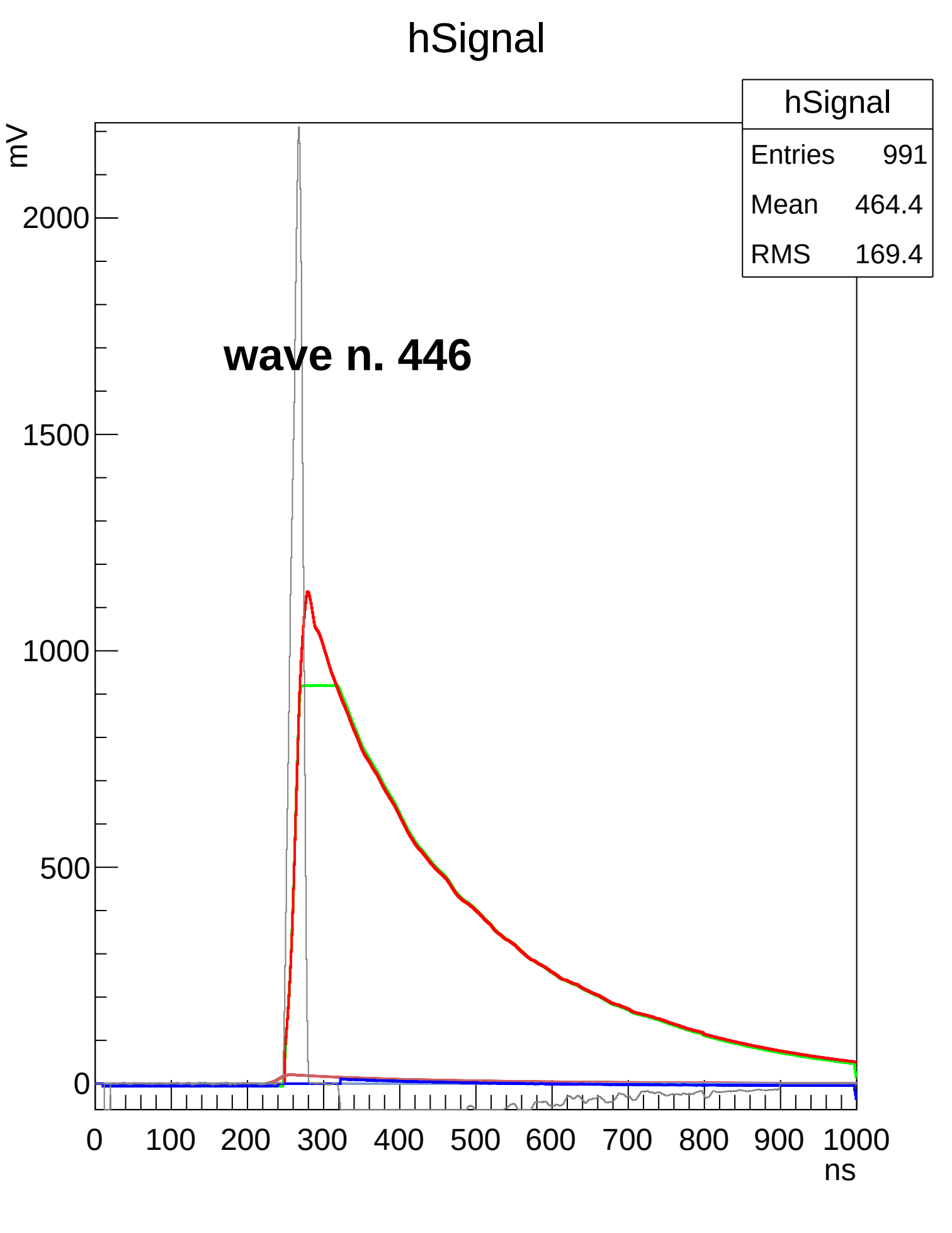
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.1
RMS 134.1
wave n. 445
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 464.4
RMS 169.4
wave n. 446
mV
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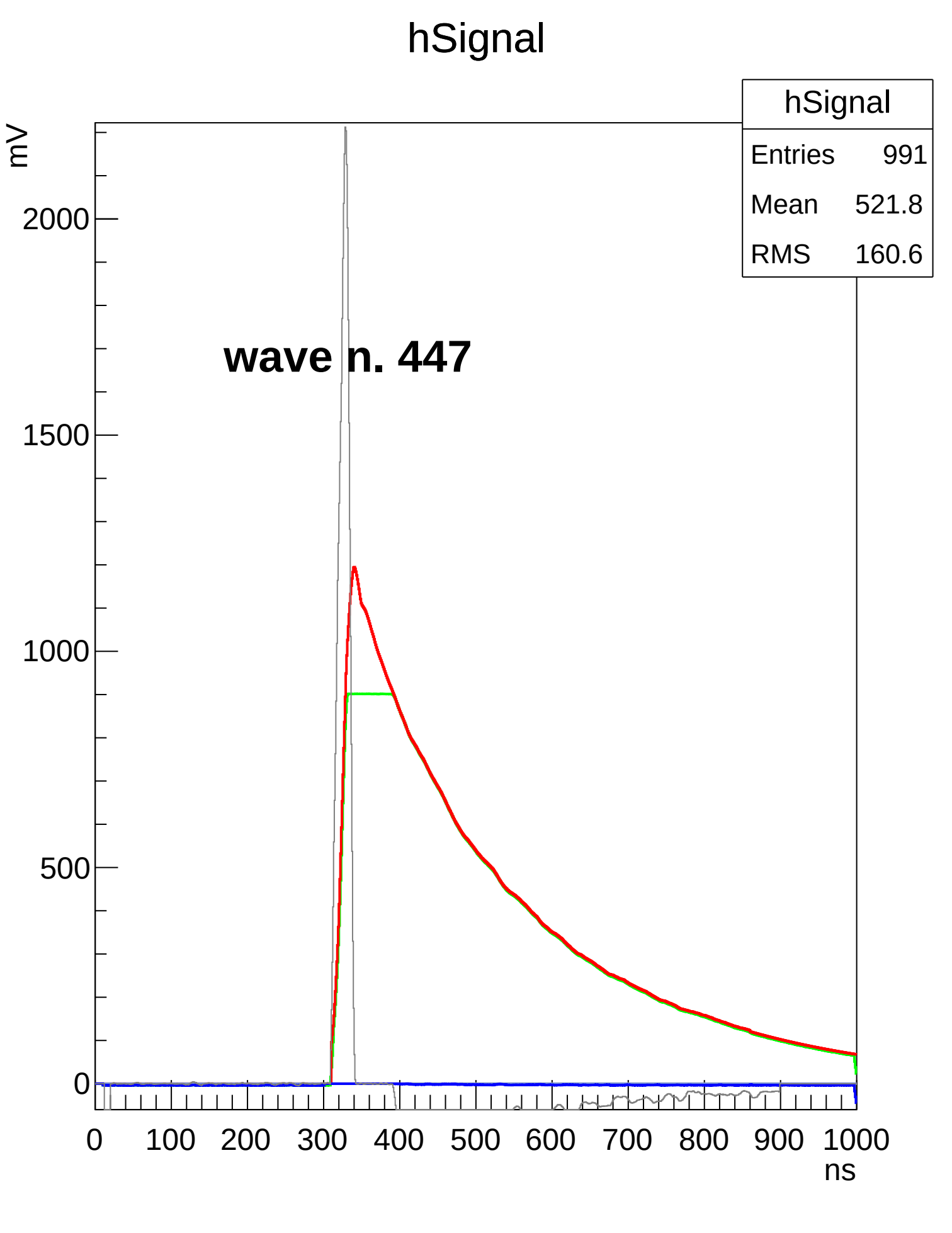
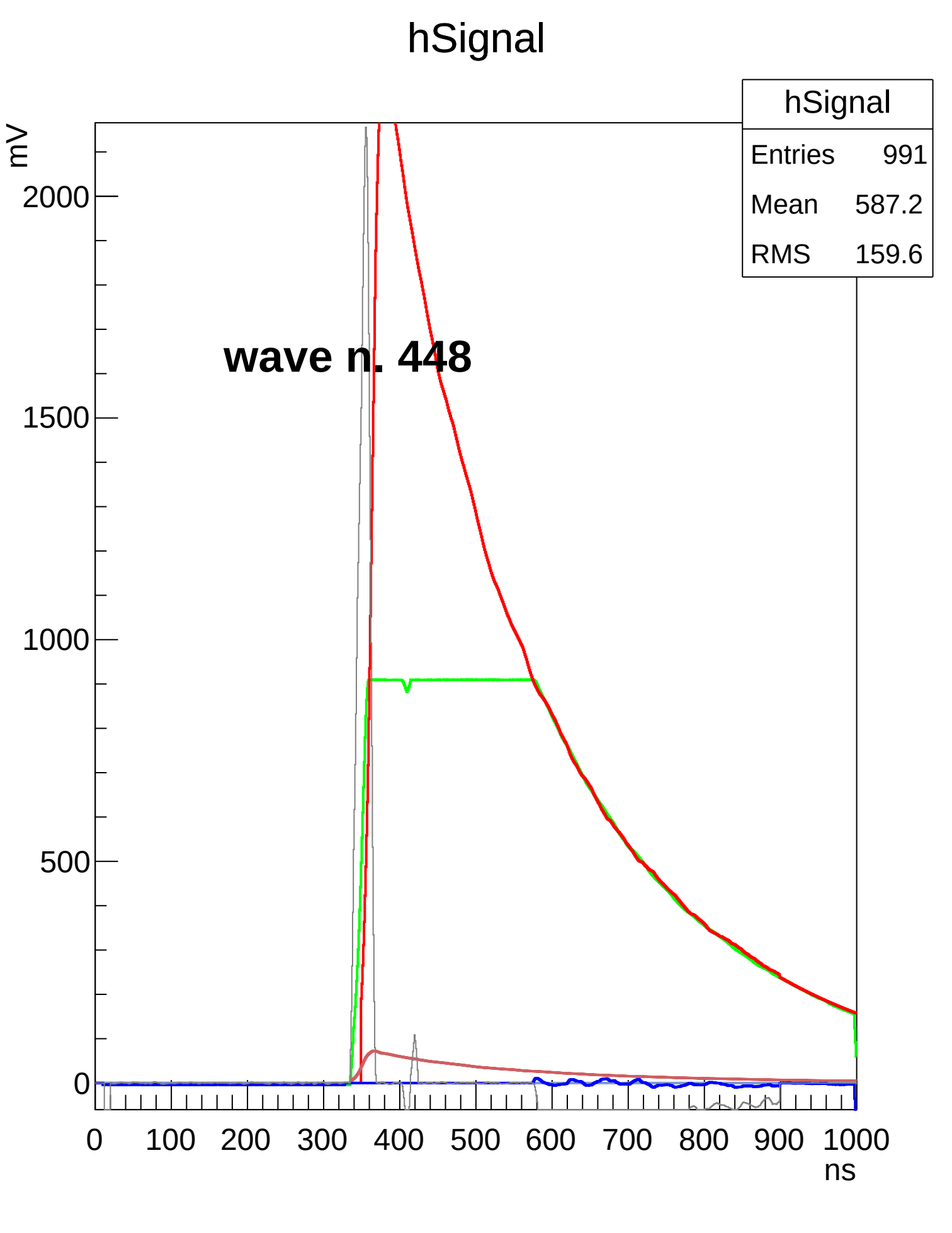
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521.8
RMS 160.6
wave n. 447
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 587.2
RMS 159.6
wave n. 448
mV
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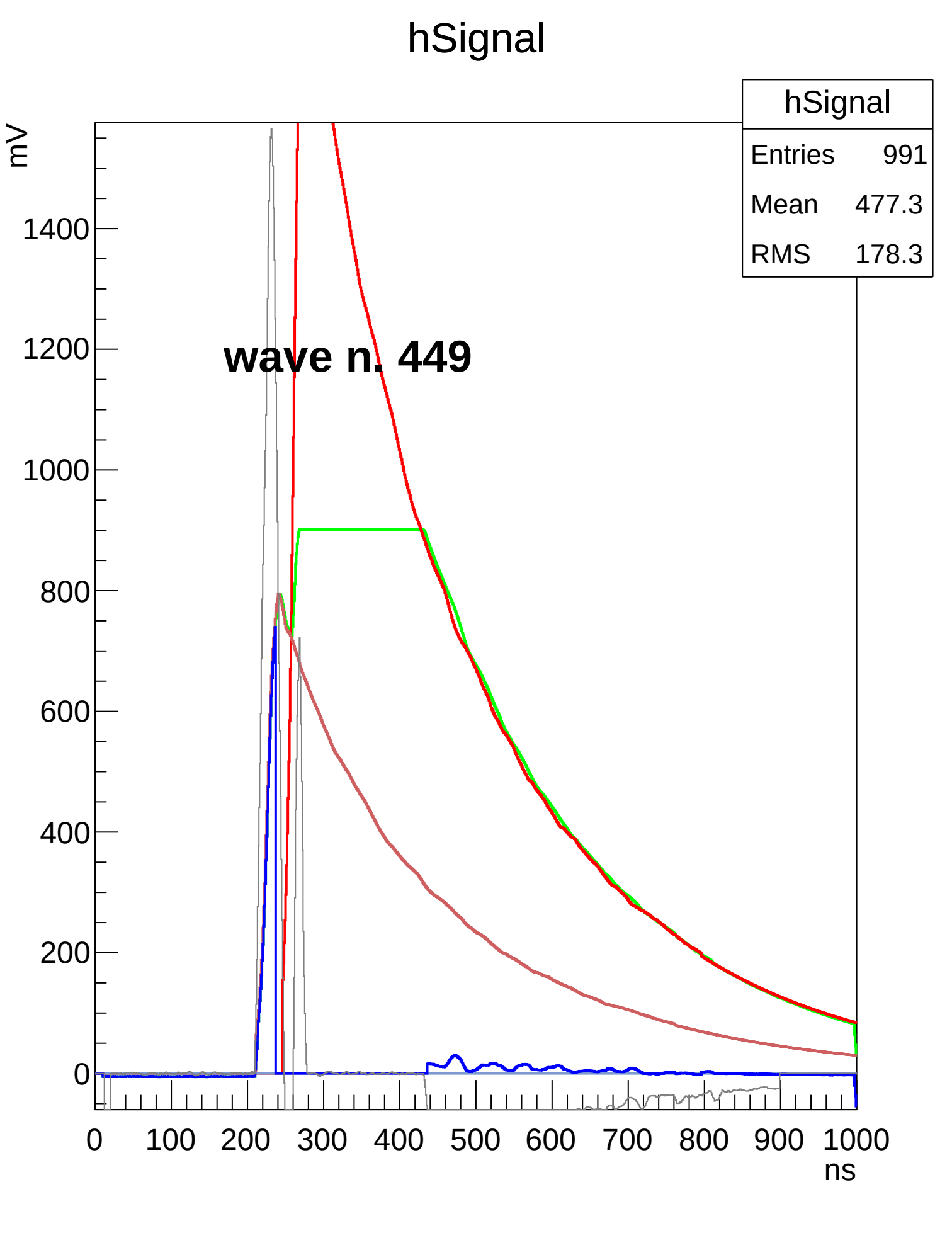
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 477.3
RMS 178.3
wave n. 449
mV
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1200
1000
800
600
400
200
0
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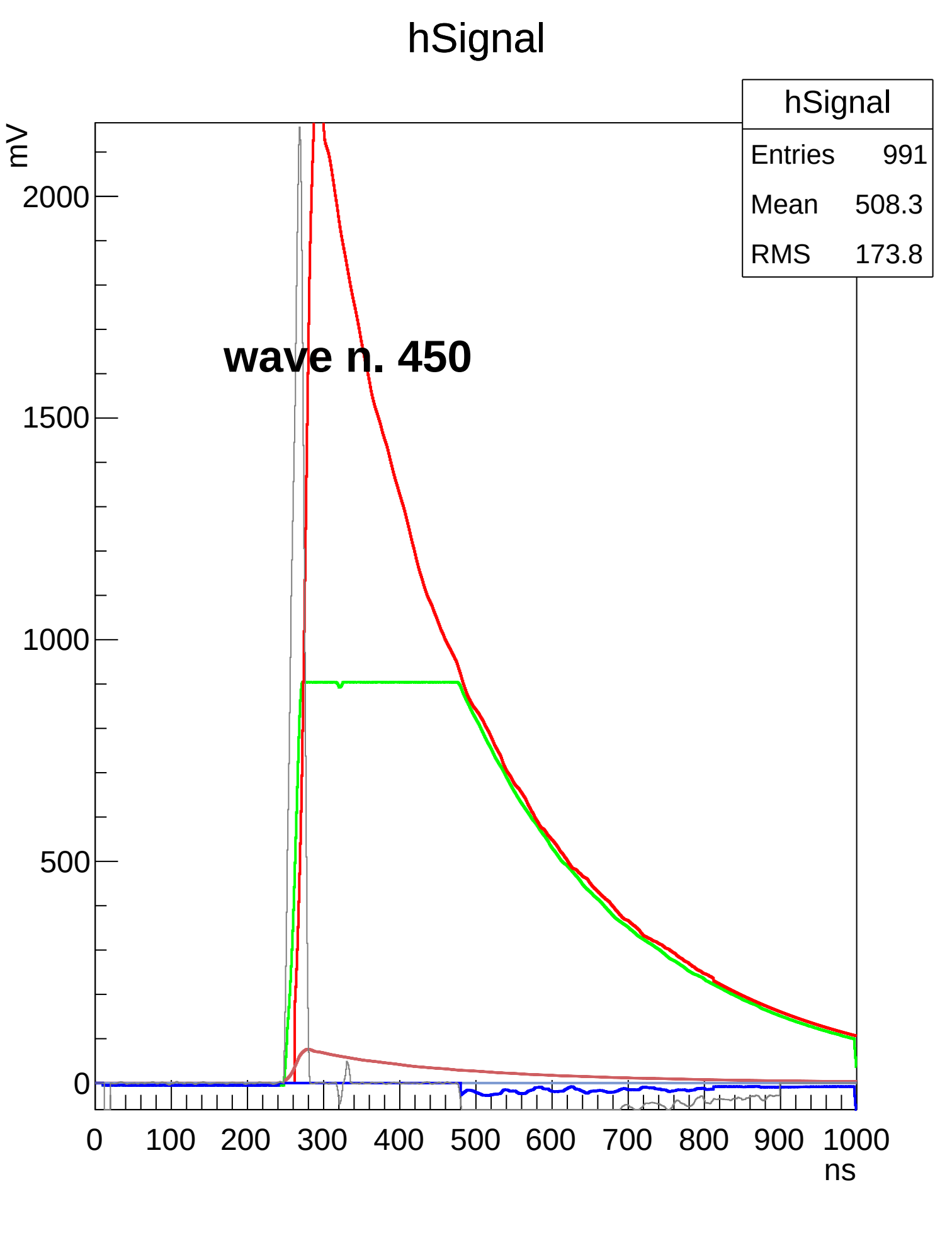
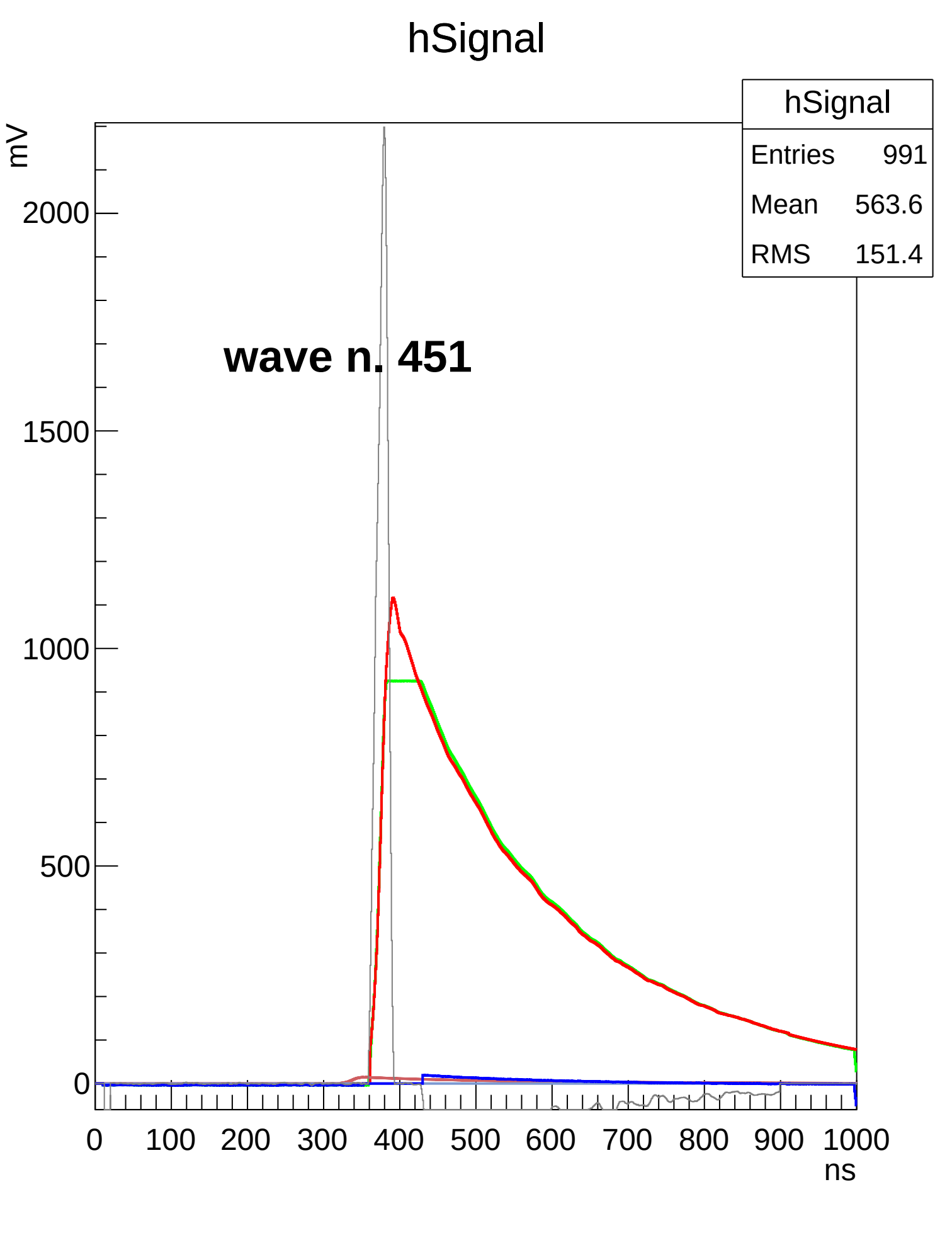
ns


hSignal
hSignal
Entries 991
Mean 508.3
RMS 173.8
wave n. 450
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 563.6
RMS 151.4
wave n. 451
mV
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1000
500
0
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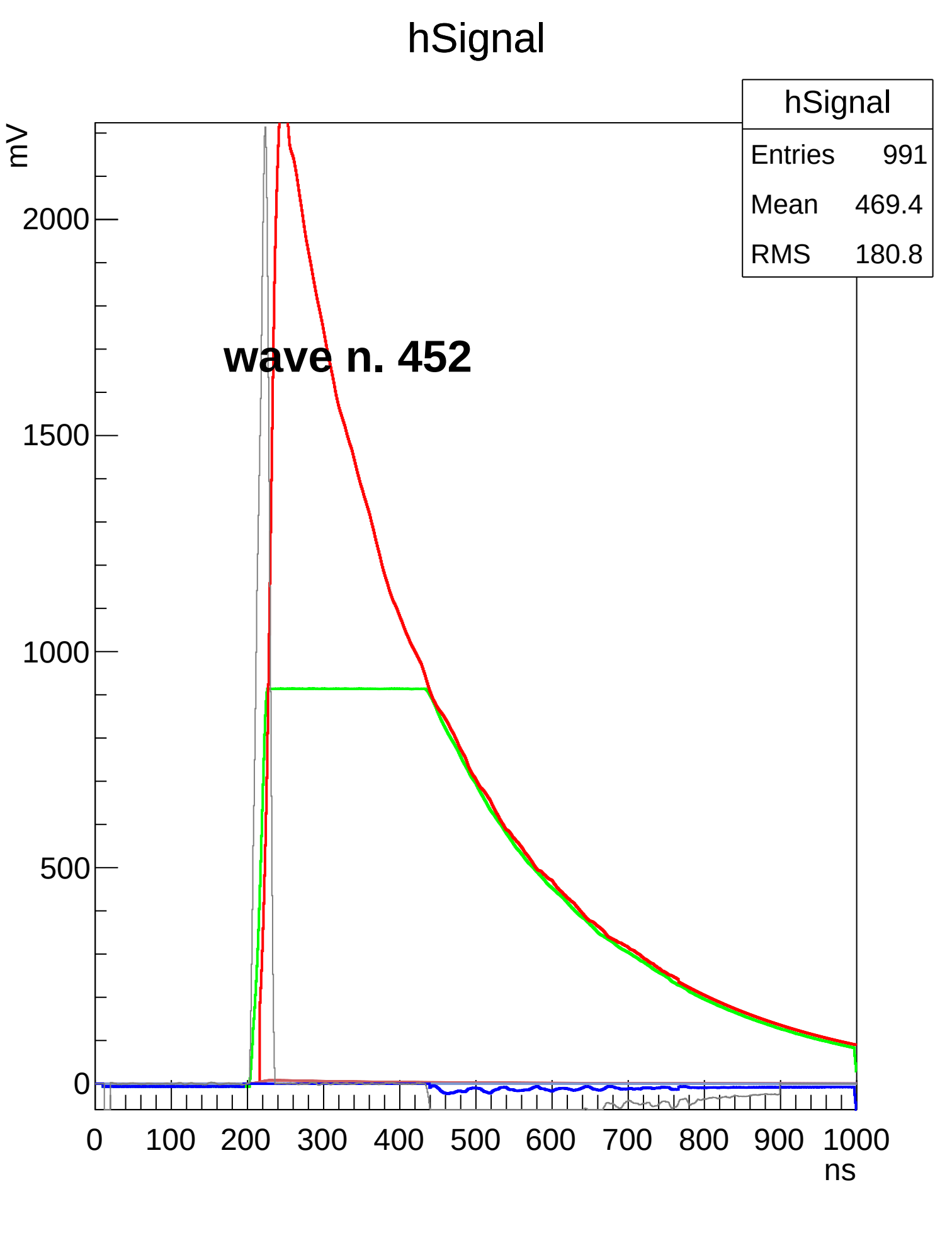
ns


hSignal
hSignal
Entries 991
Mean 469.4
RMS 180.8
wave n. 452
mV
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1500
1000
500
0
0
100
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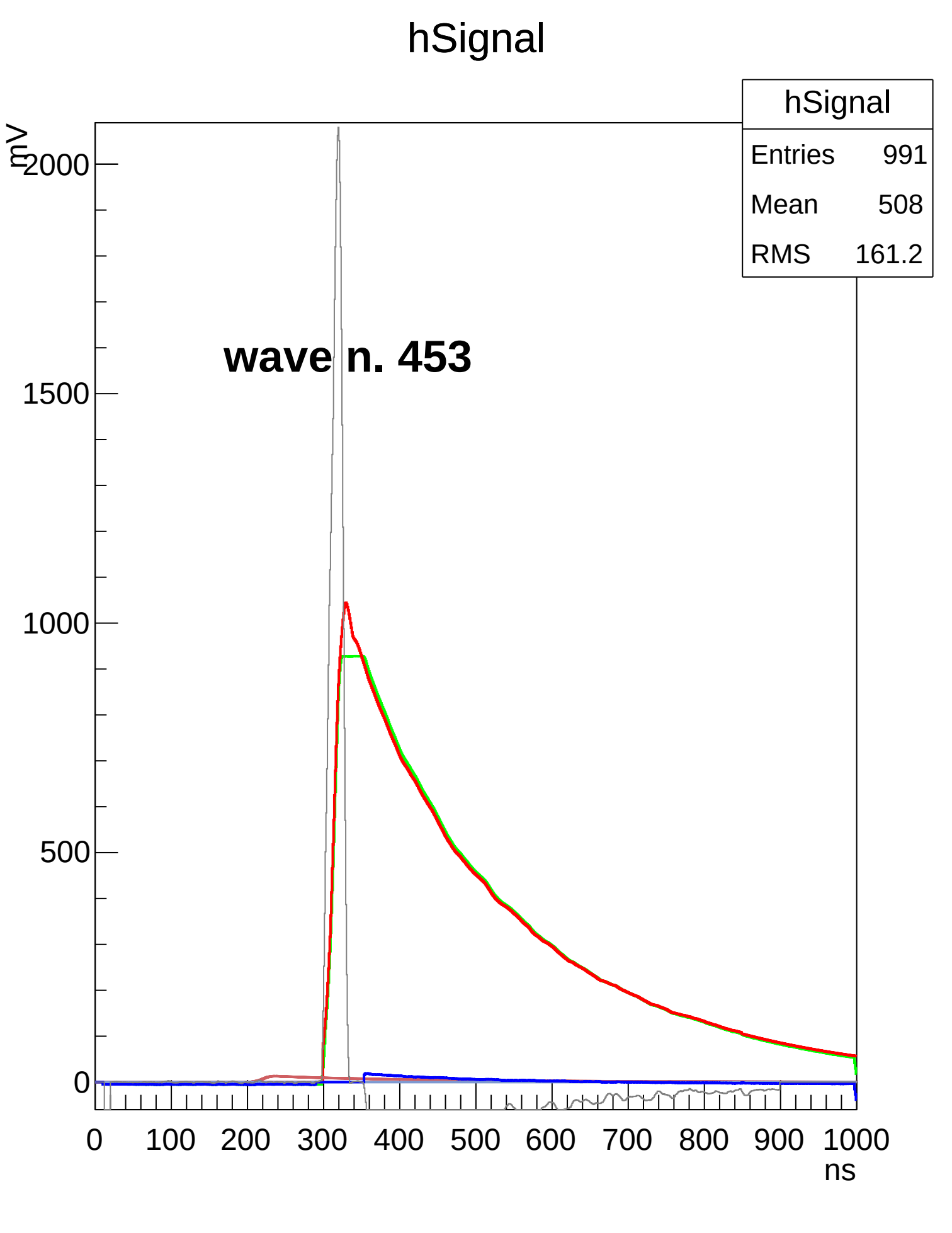
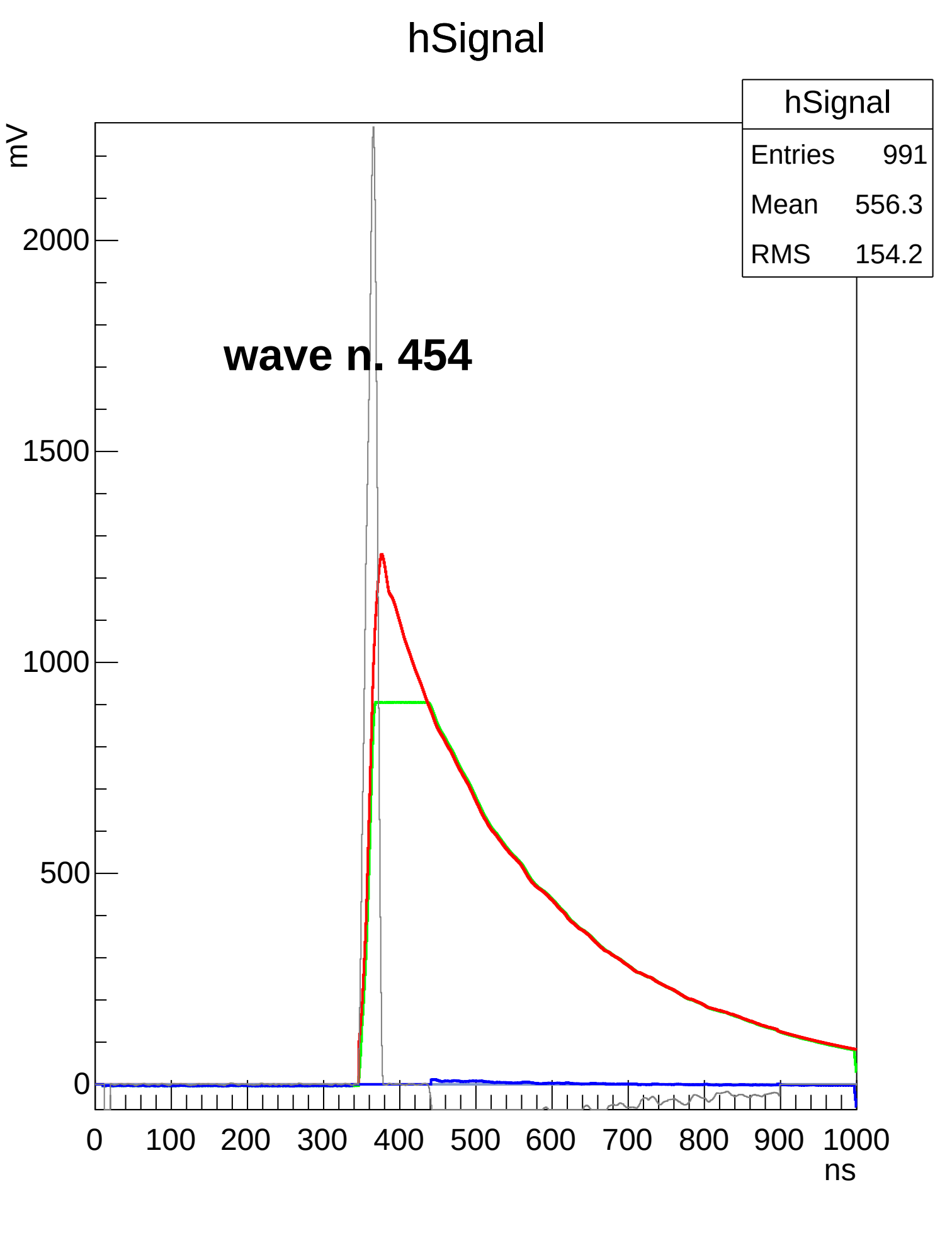
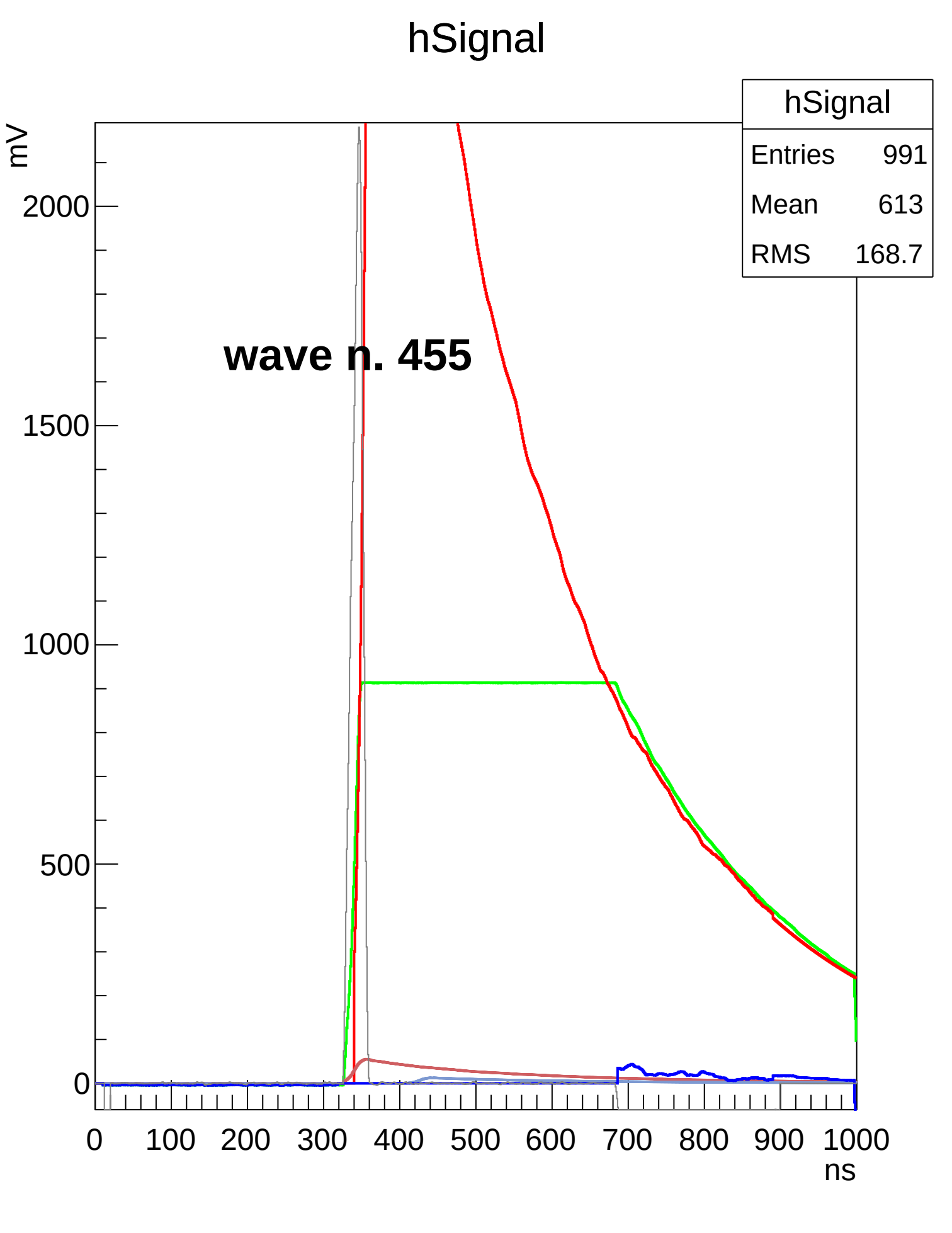
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 508
RMS 161.2
wave n. 453
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 556.3
RMS 154.2
wave n. 454
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 613
RMS 168.7
wave n. 455
mV
2000
1500
1000
500
0
0
100
200
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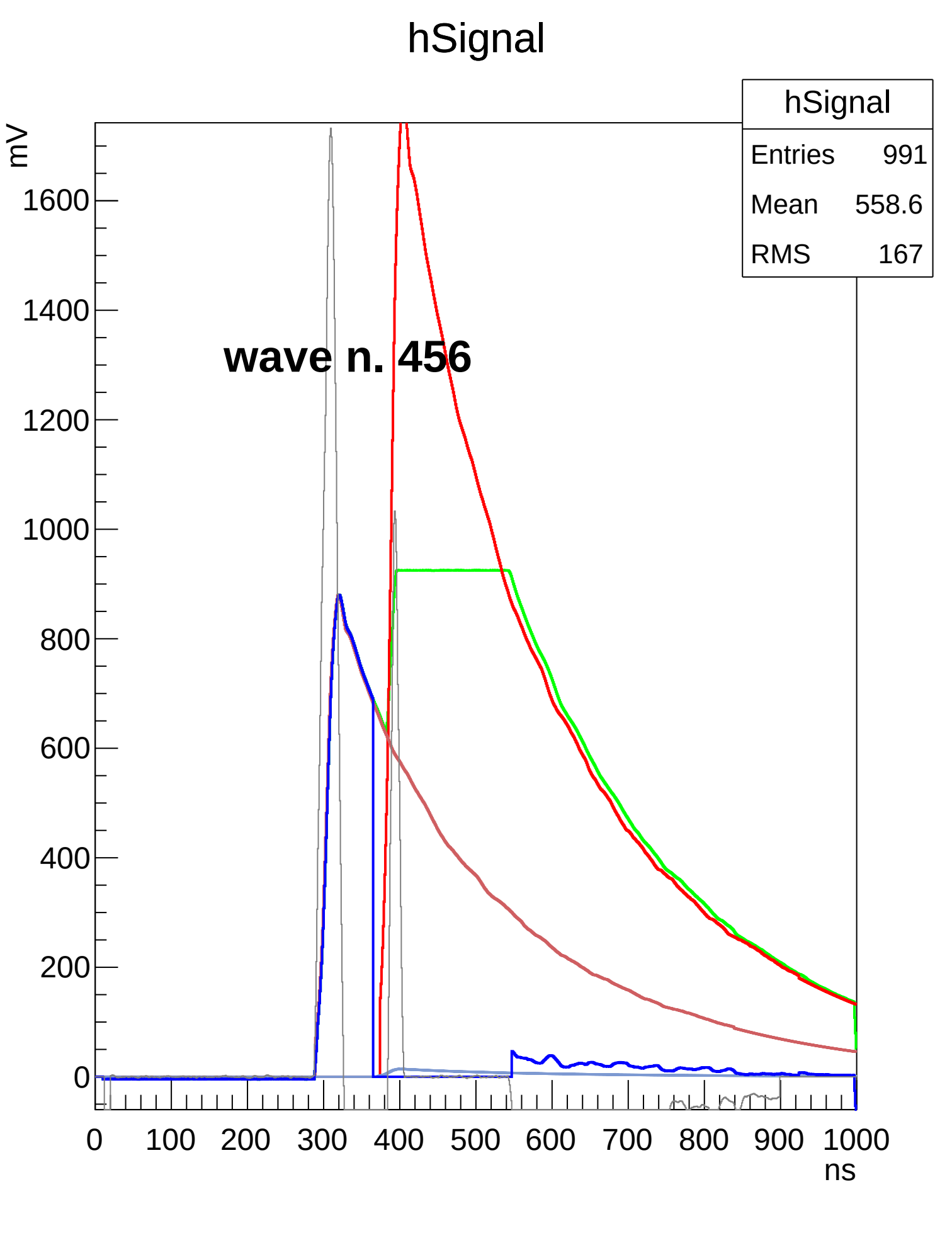
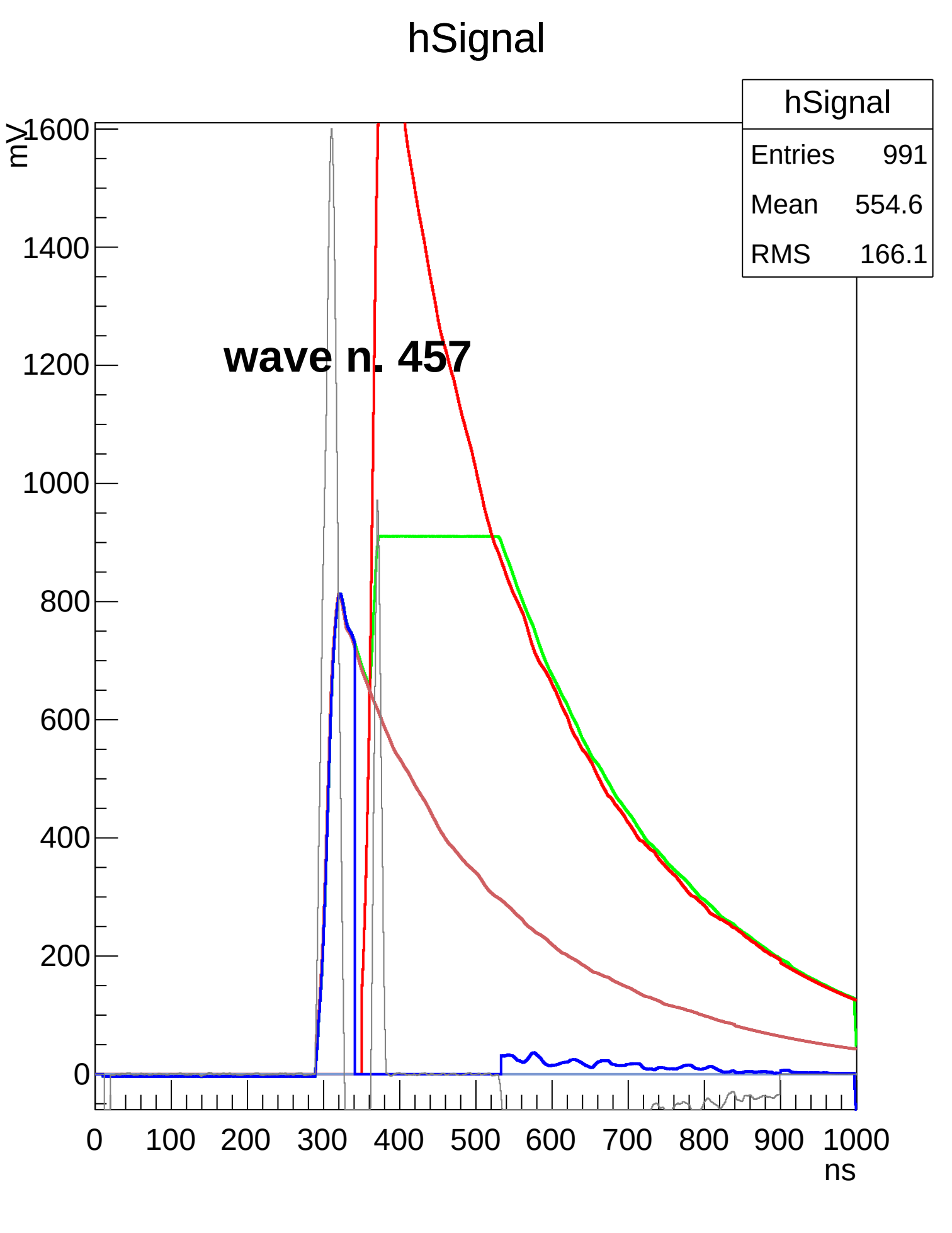
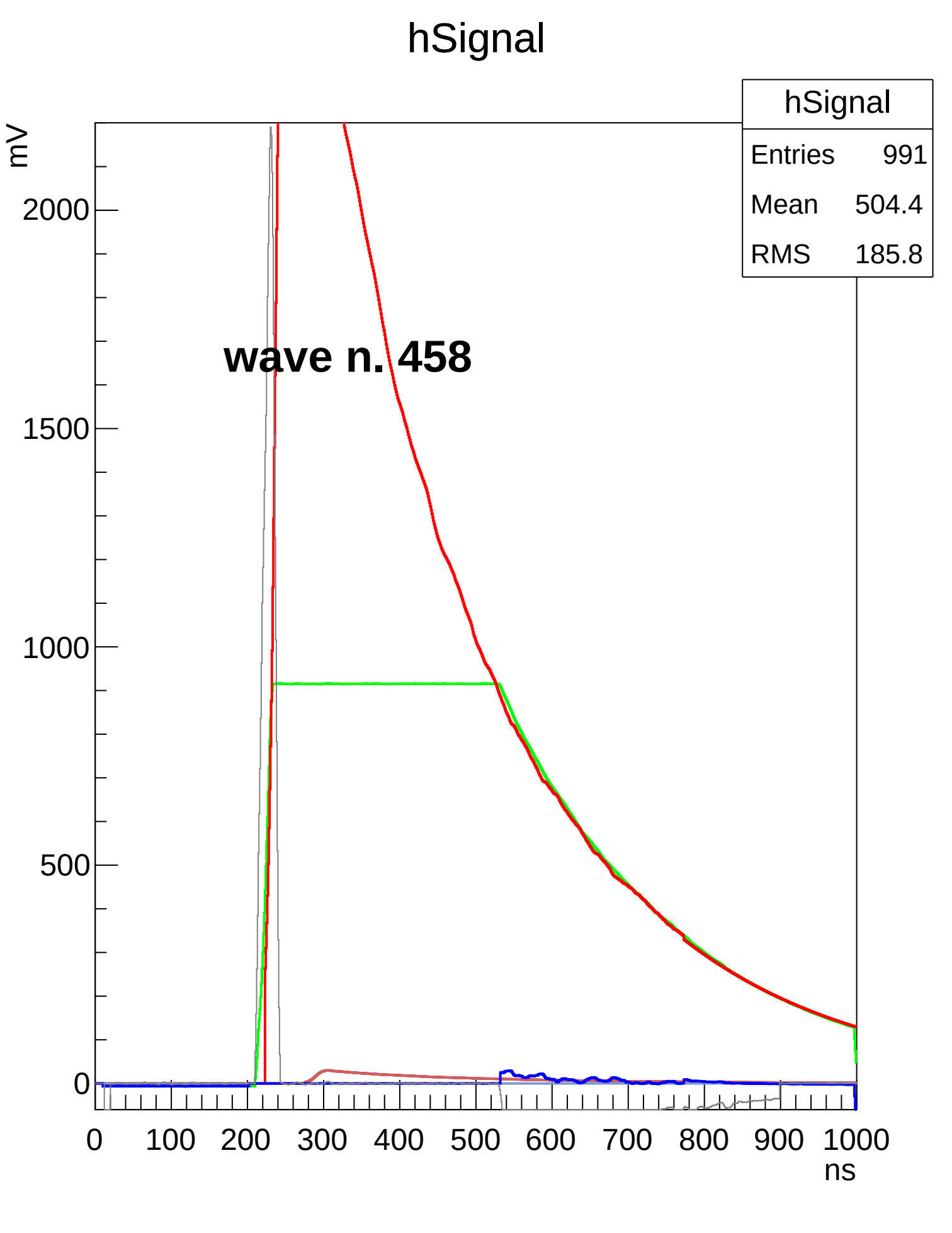
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558.6
RMS 167
wave n. 456
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 554.6
RMS 166.1
wave n. 457
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.4
RMS 185.8
wave n. 458
mV
2000
1500
1000
500
0
0
100
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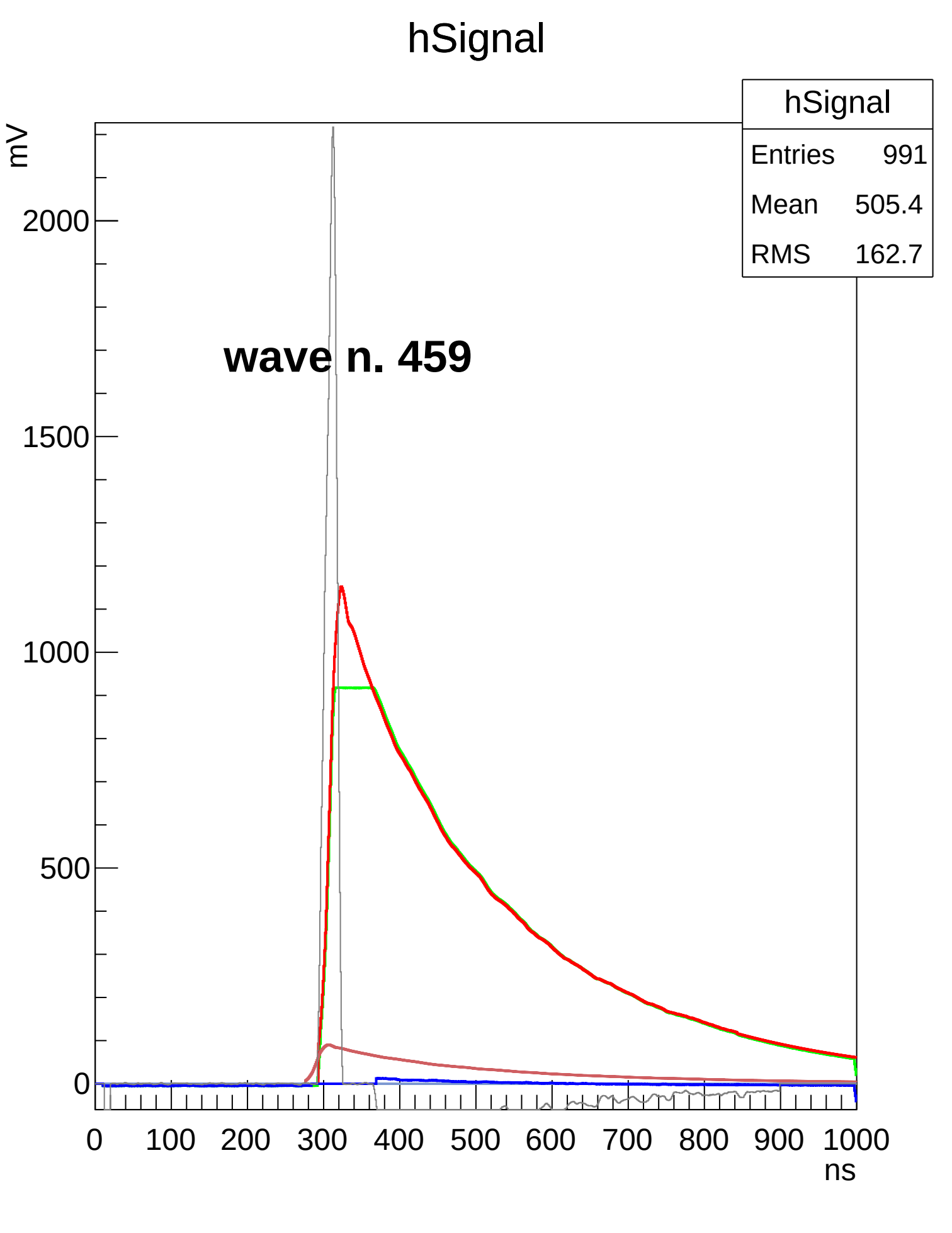
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.4
RMS 162.7
wave n. 459
mV
2000
1500
1000
500
0
0
100
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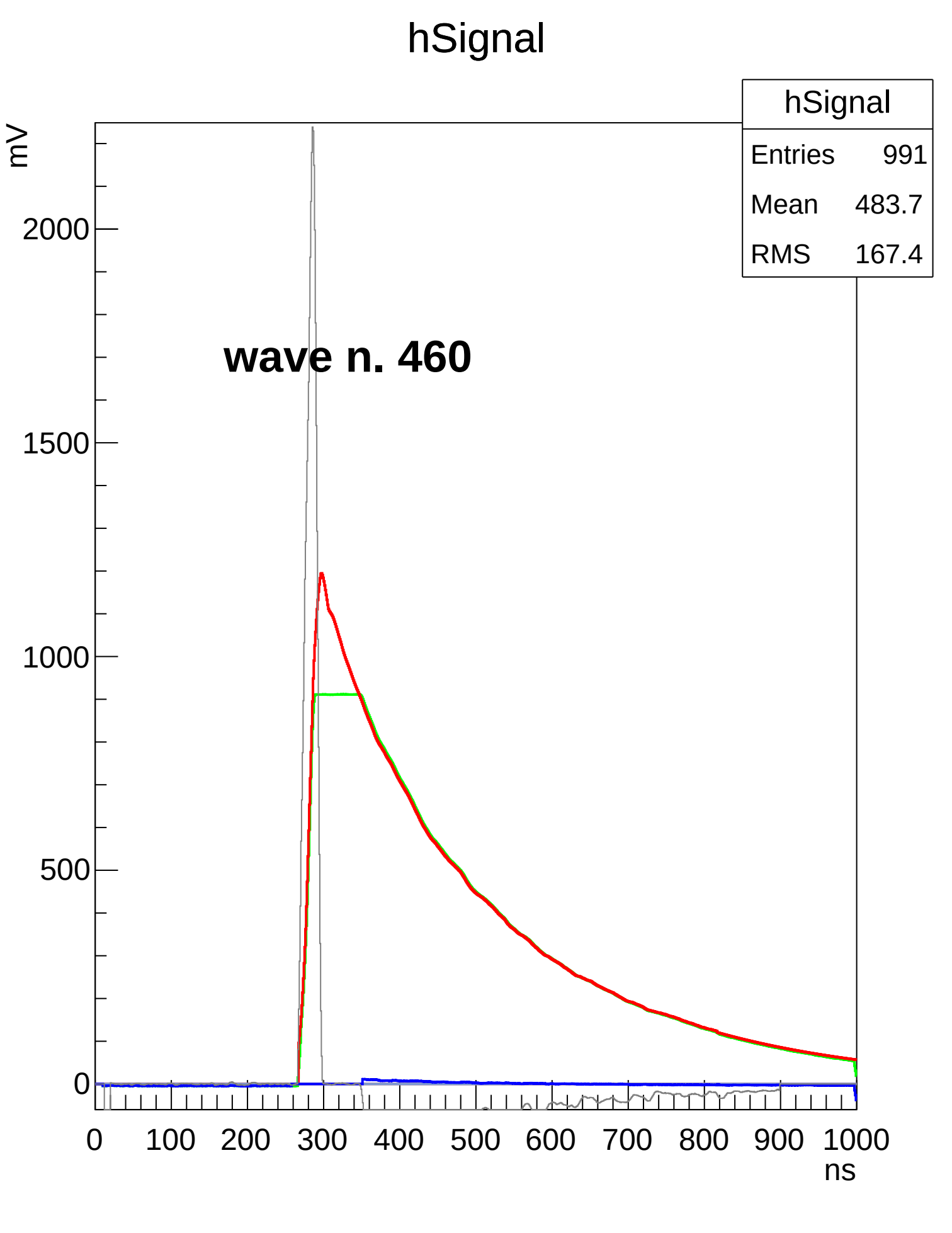
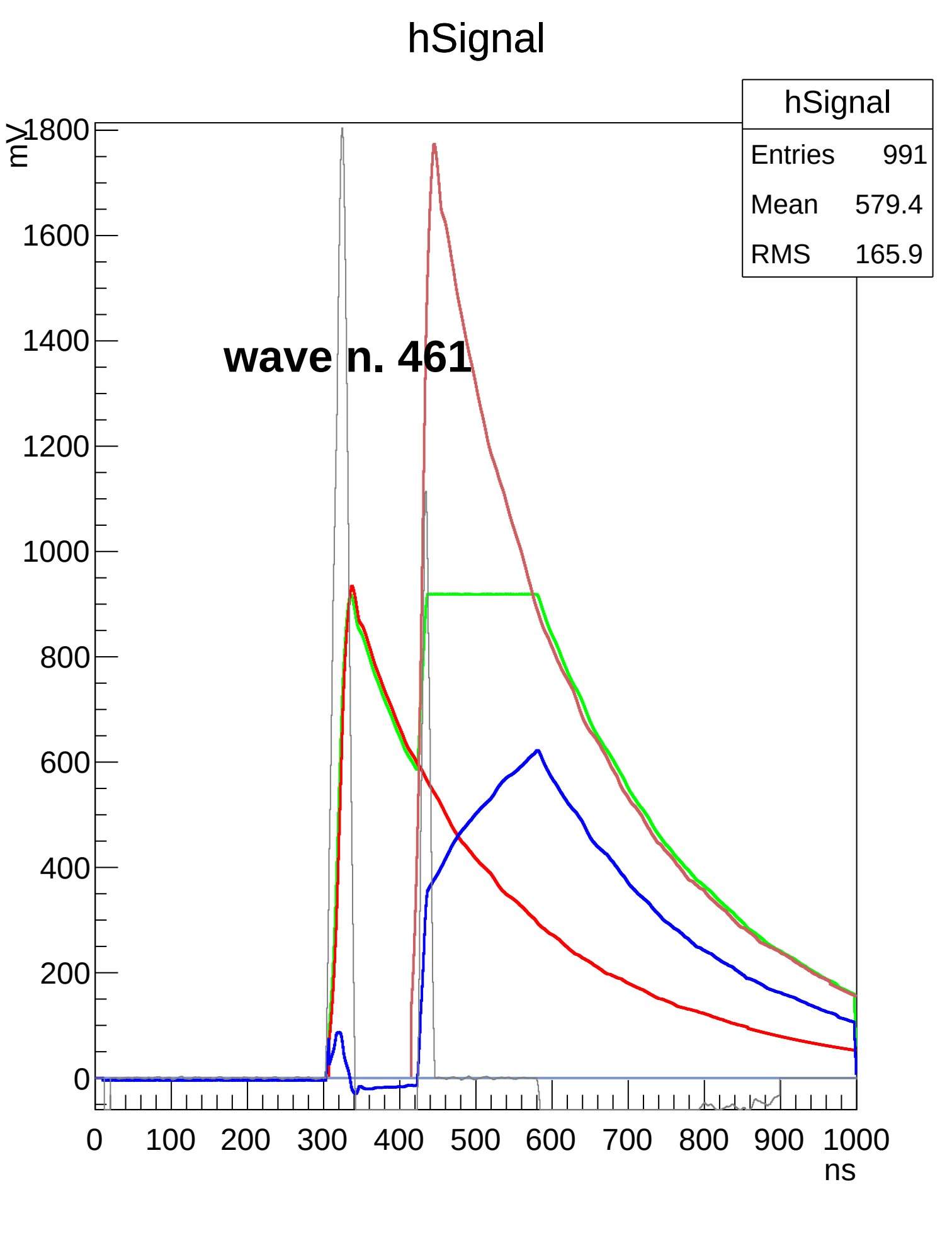
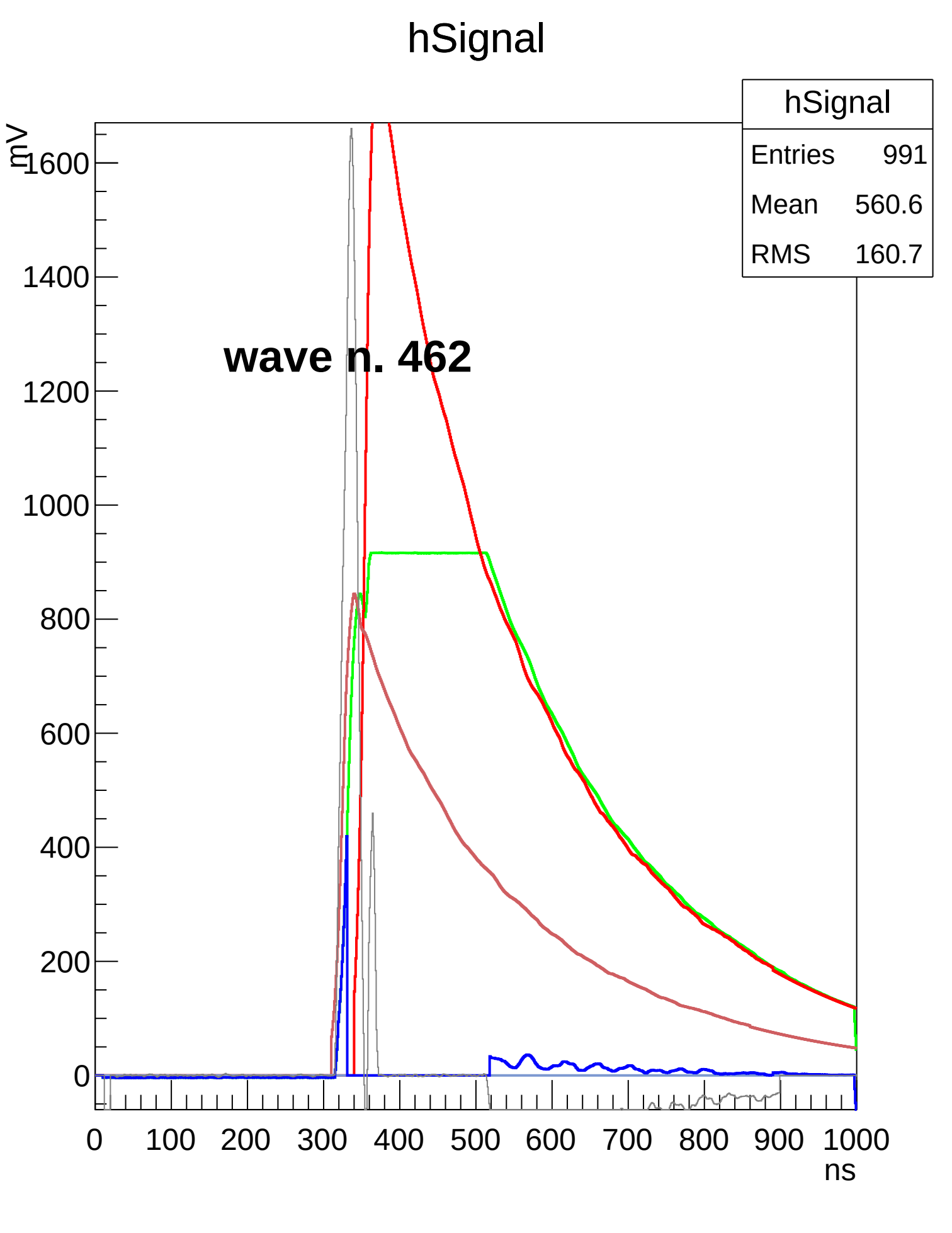
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 483.7
RMS 167.4
wave n. 460
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 579.4
RMS 165.9
wave n. 461
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 560.6
RMS 160.7
wave n. 462
mV
1600
1400
1200
1000
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600
400
200
0
0
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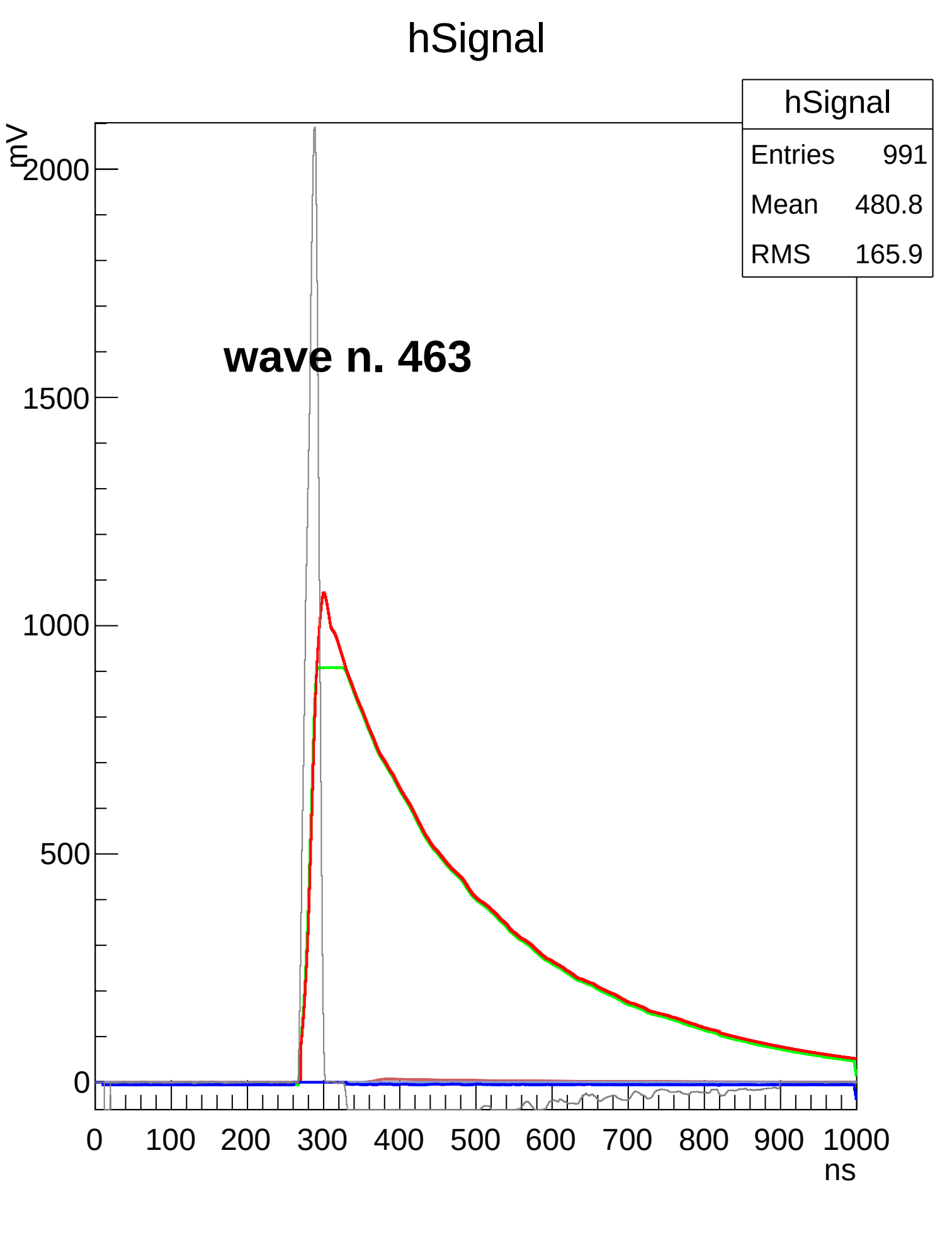
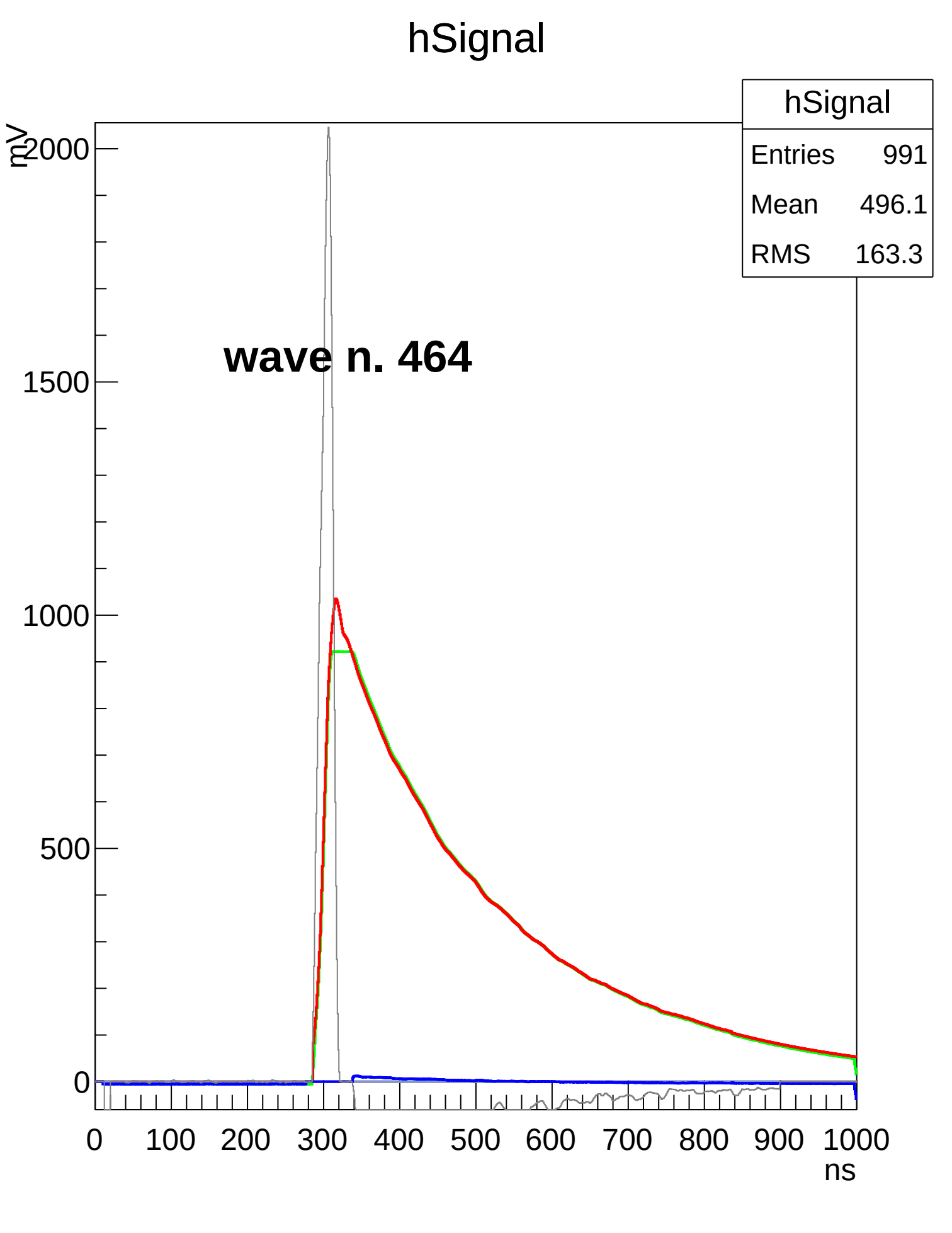
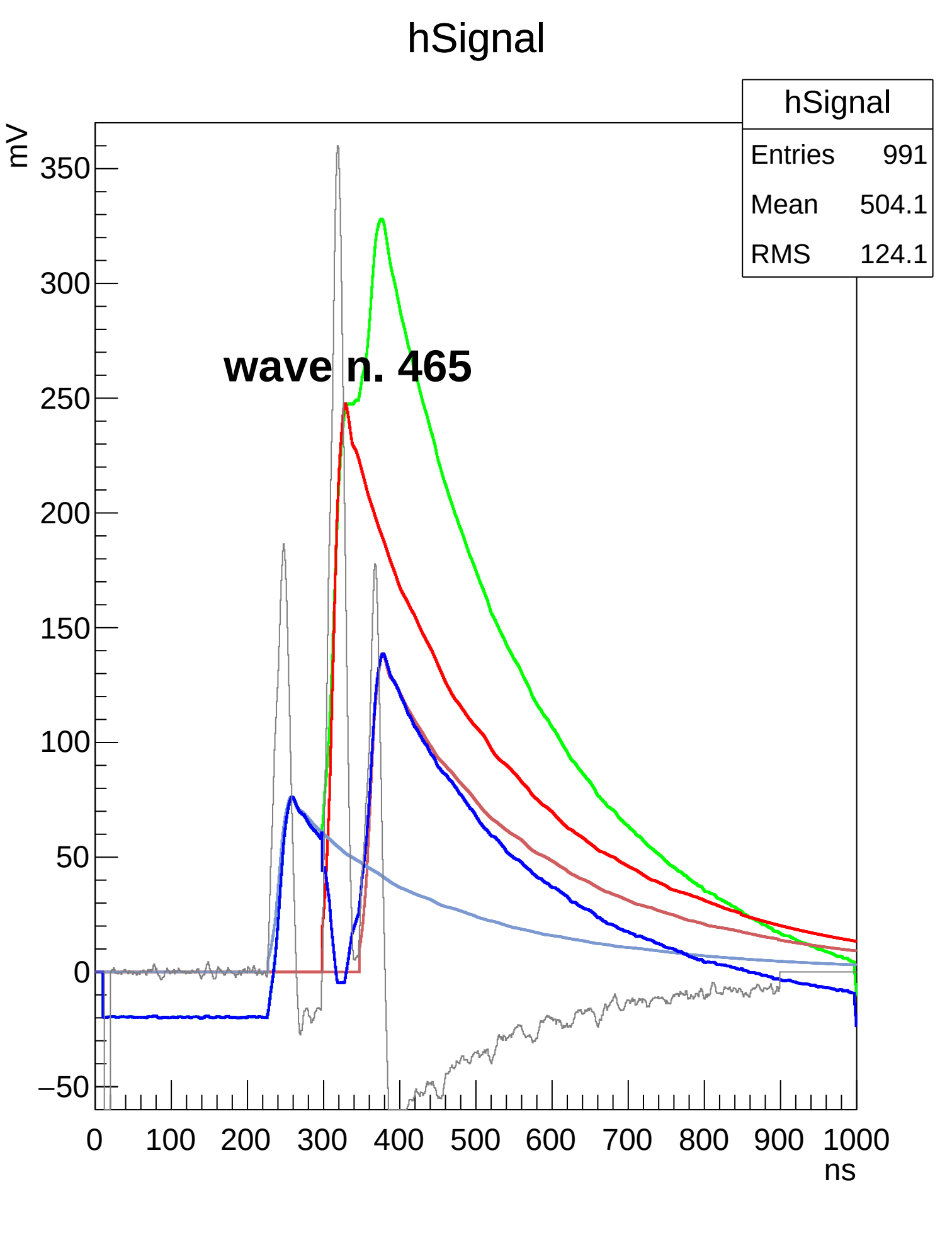
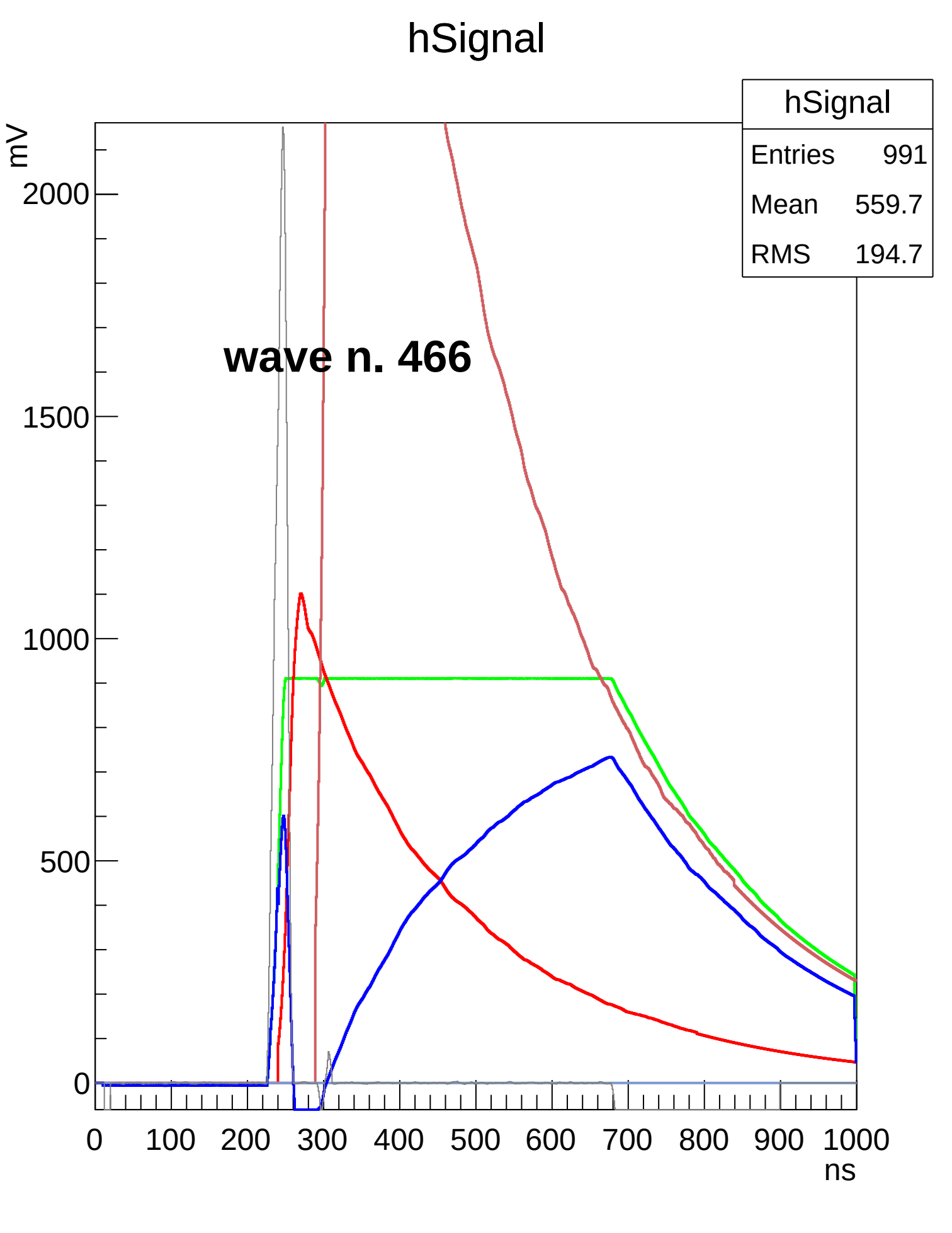
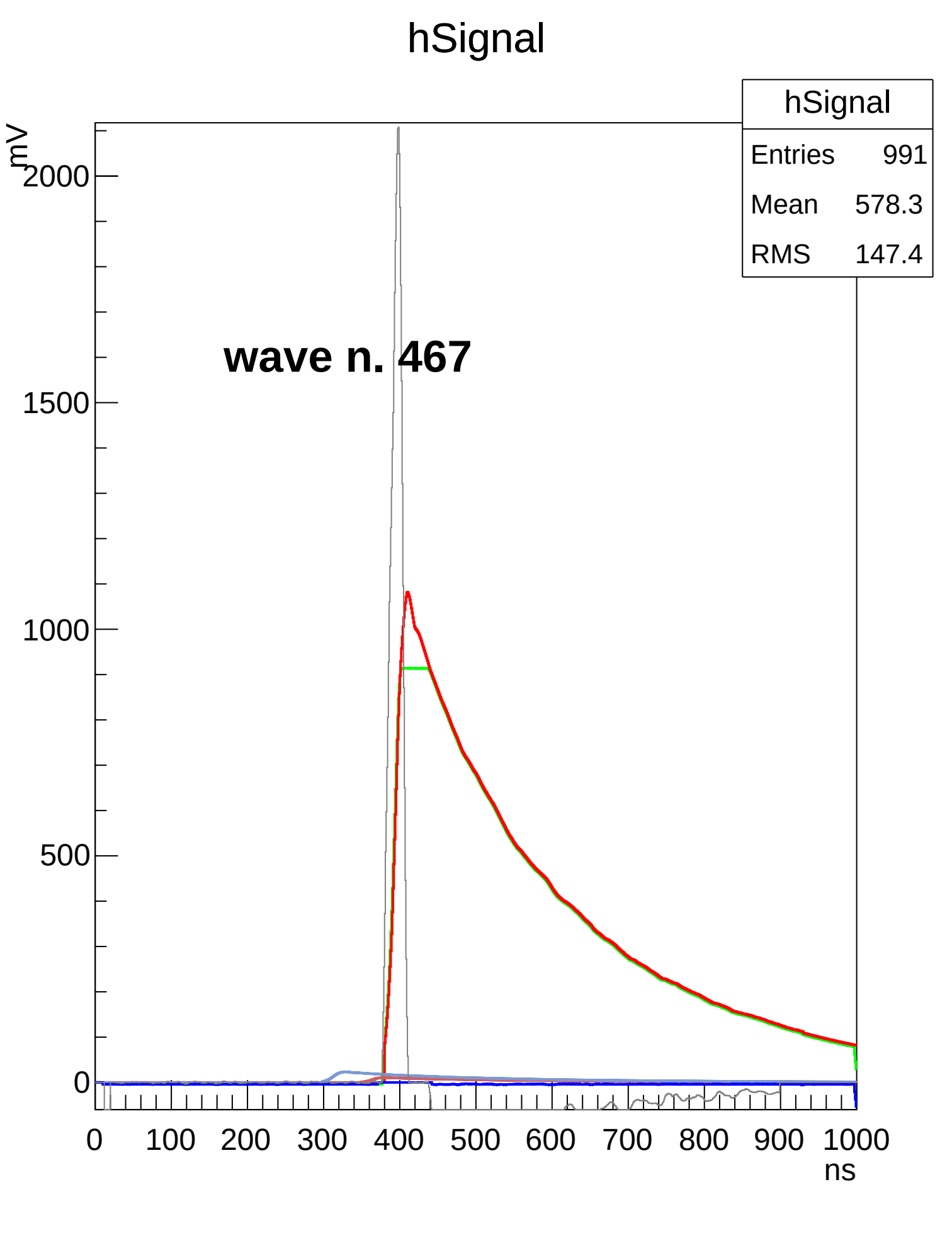
200
300
400
500
600
700
800
900
1000
ns

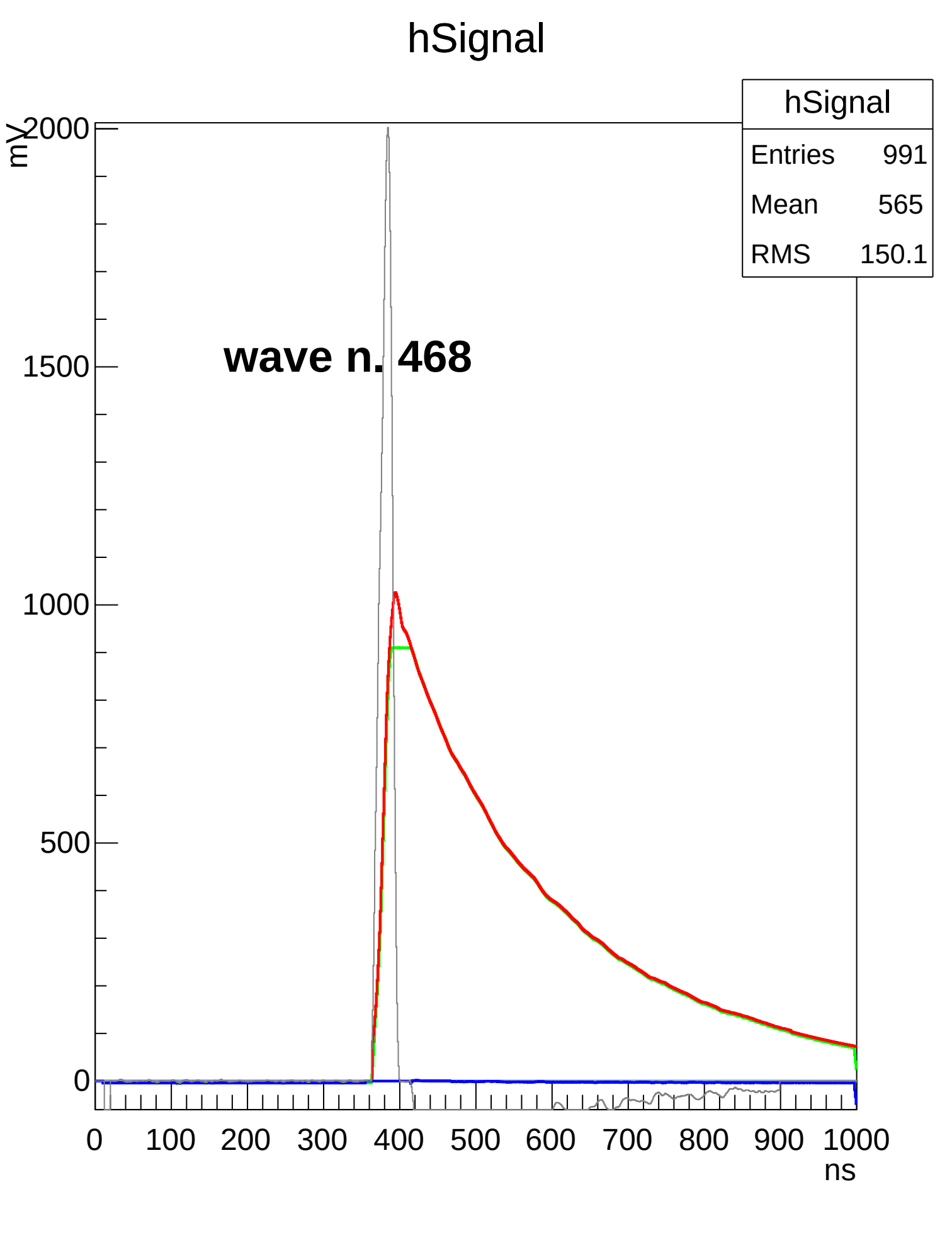

hSignal
hSignal
Entries 991
Mean 480.8
RMS 165.9
wave n. 463
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

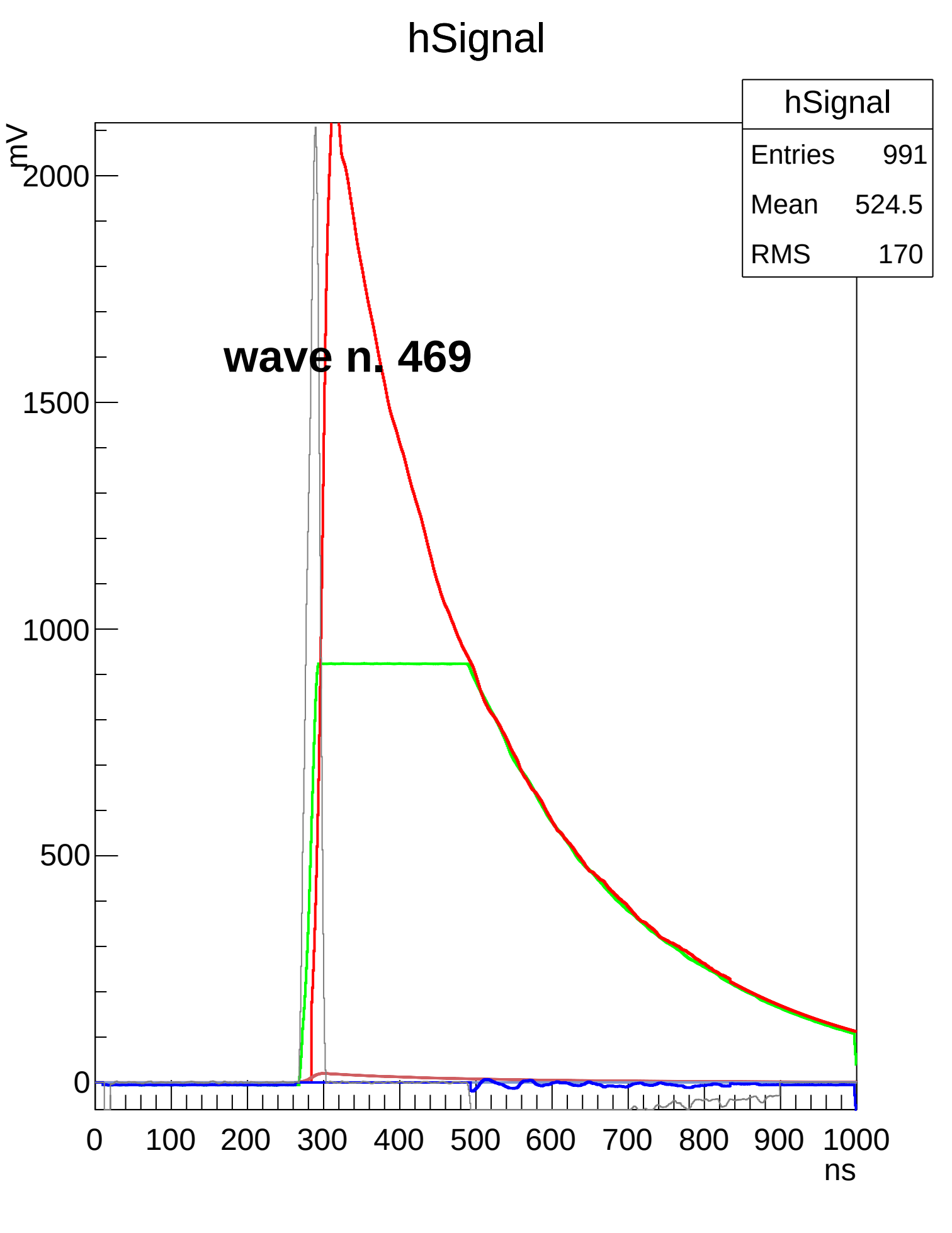

hSignal
hSignal
Entries 991
Mean 496.1
RMS 163.3
wave n. 464
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

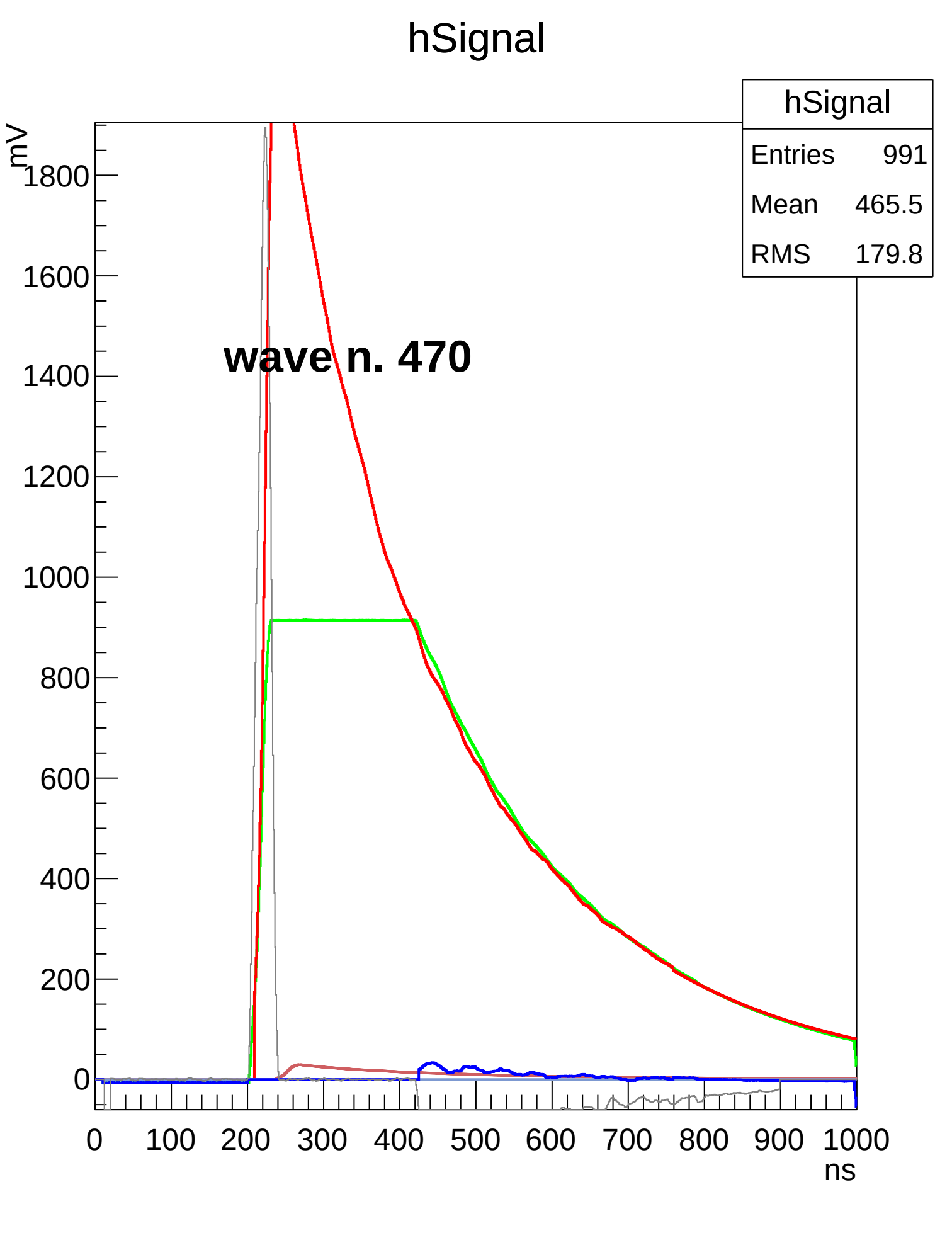

hSignal
hSignal
Entries 991
Mean 504.1
RMS 124.1
wave n. 465
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

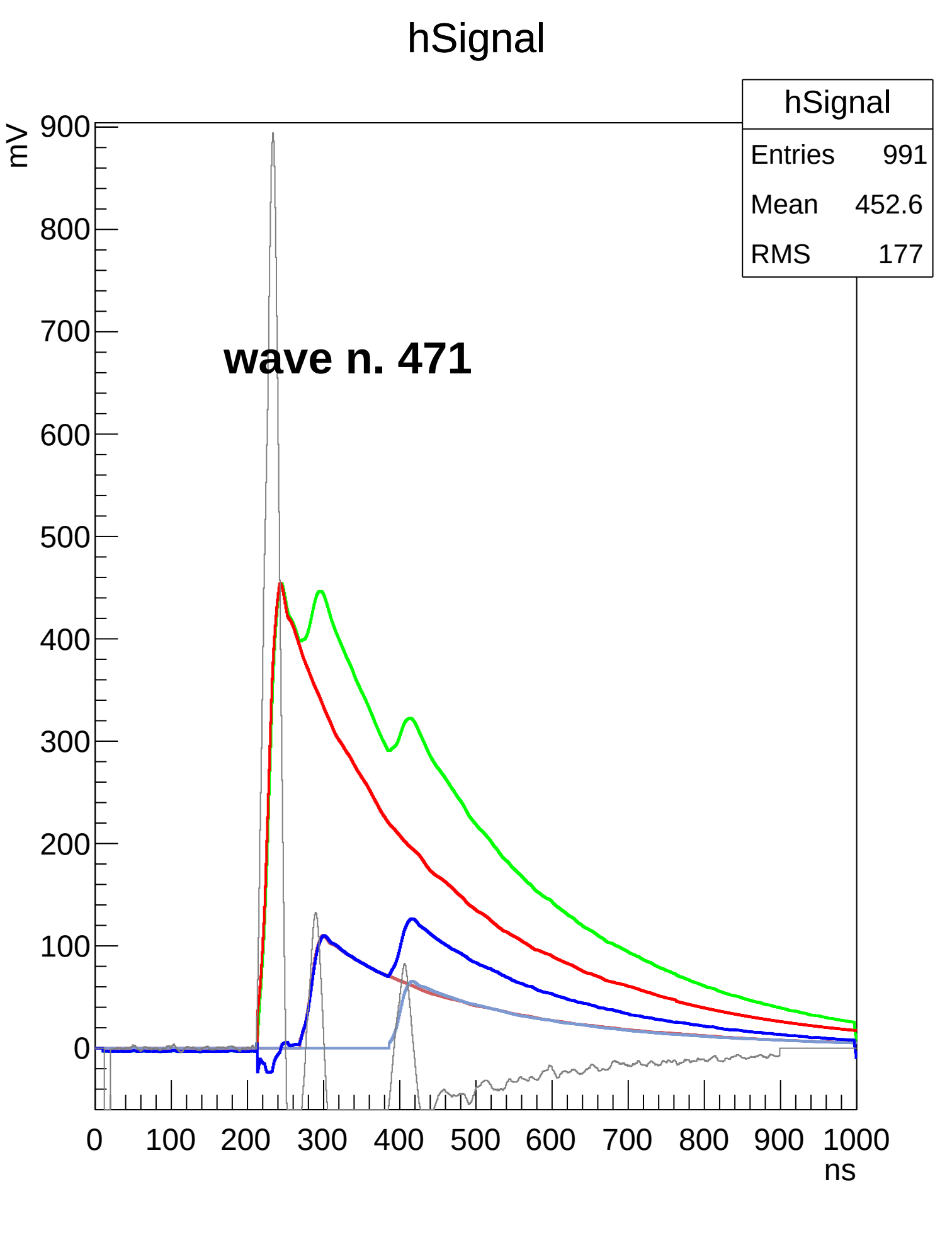

hSignal
hSignal
Entries 991
Mean 559.7
RMS 194.7
wave n. 466
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

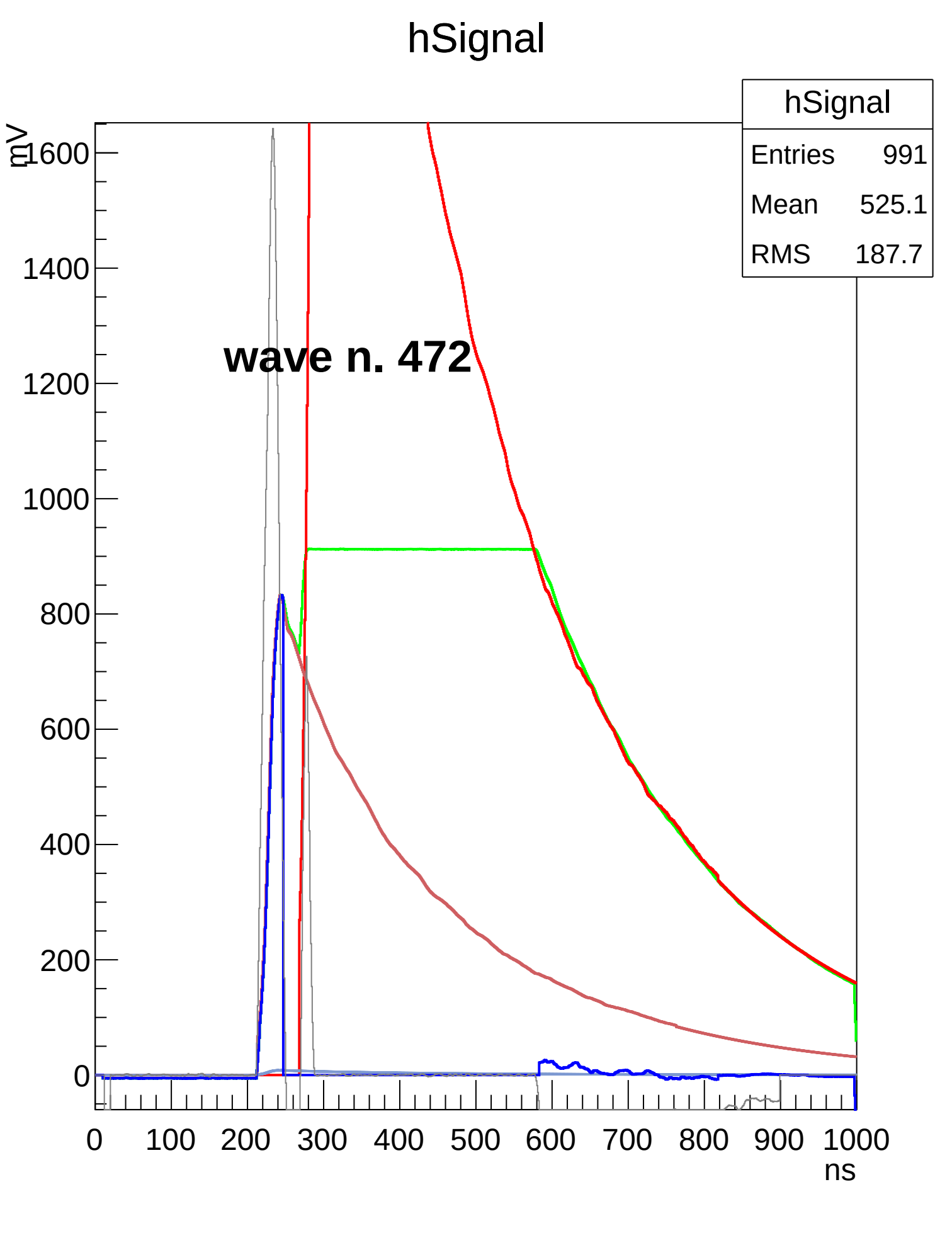

hSignal
hSignal
Entries 991
Mean 578.3
RMS 147.4
wave n. 467
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

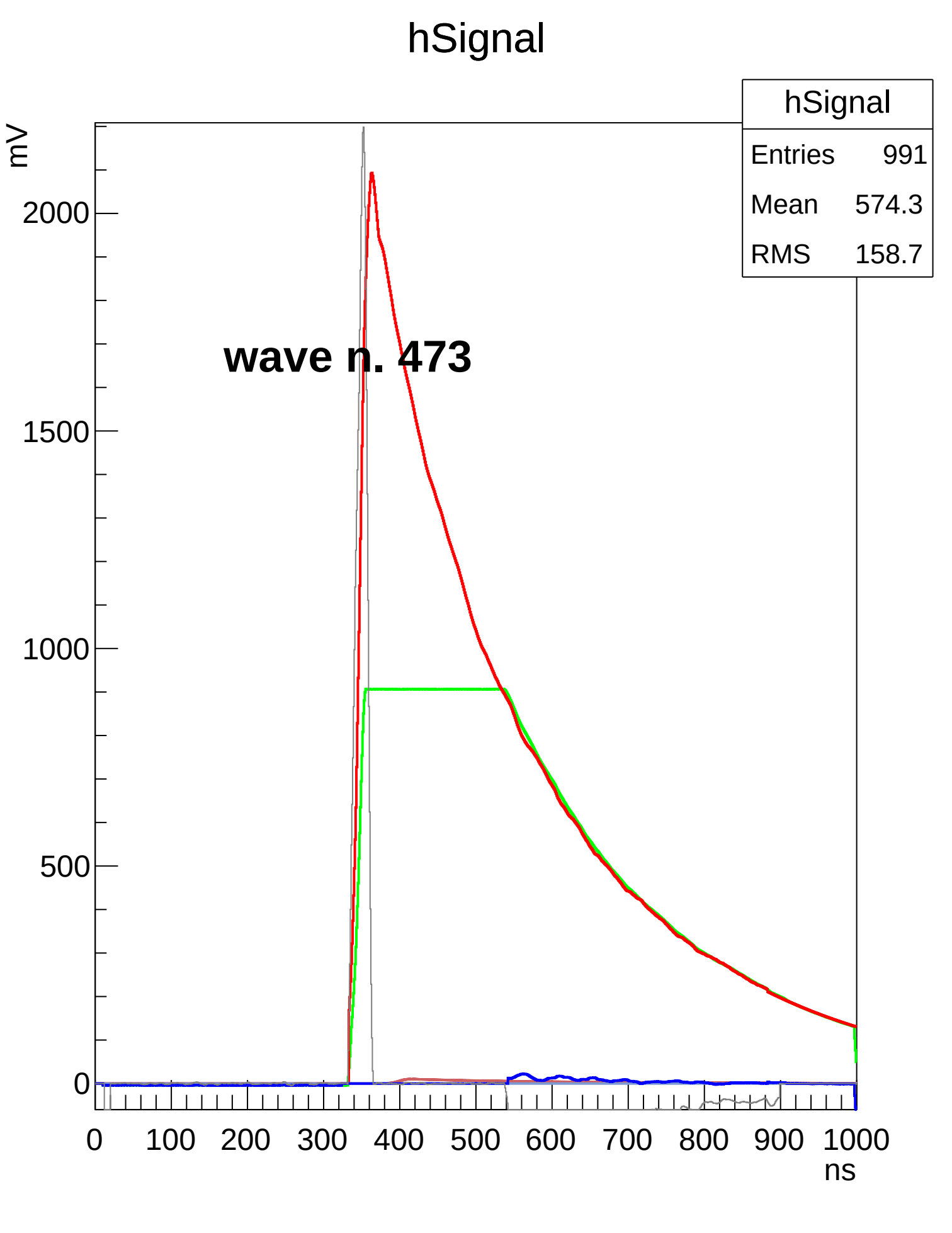

hSignal
hSignal
Entries 991
Mean 565
RMS 150.1
wave n. 468
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

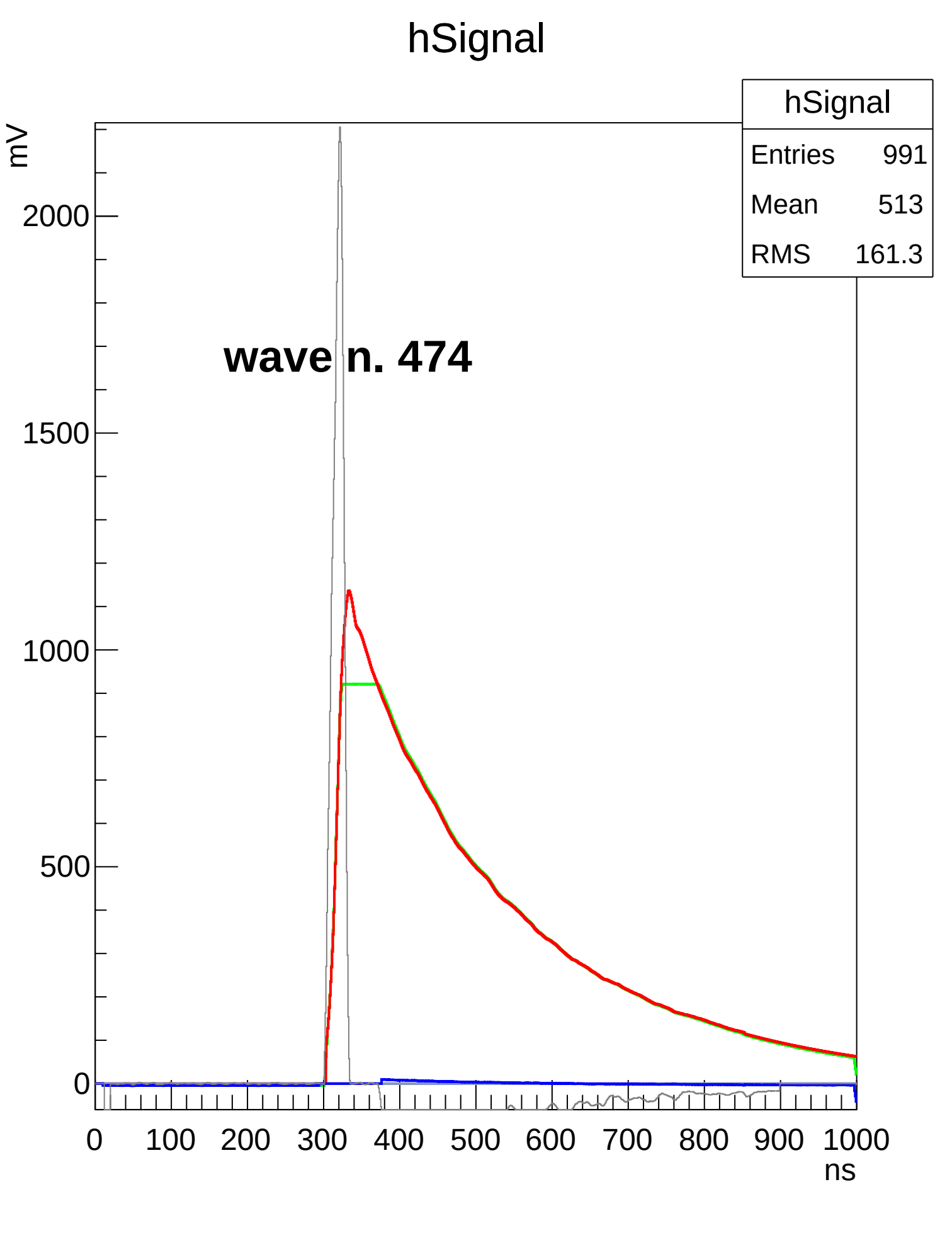

hSignal
hSignal
Entries 991
Mean 524.5
RMS 170
wave n. 469
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

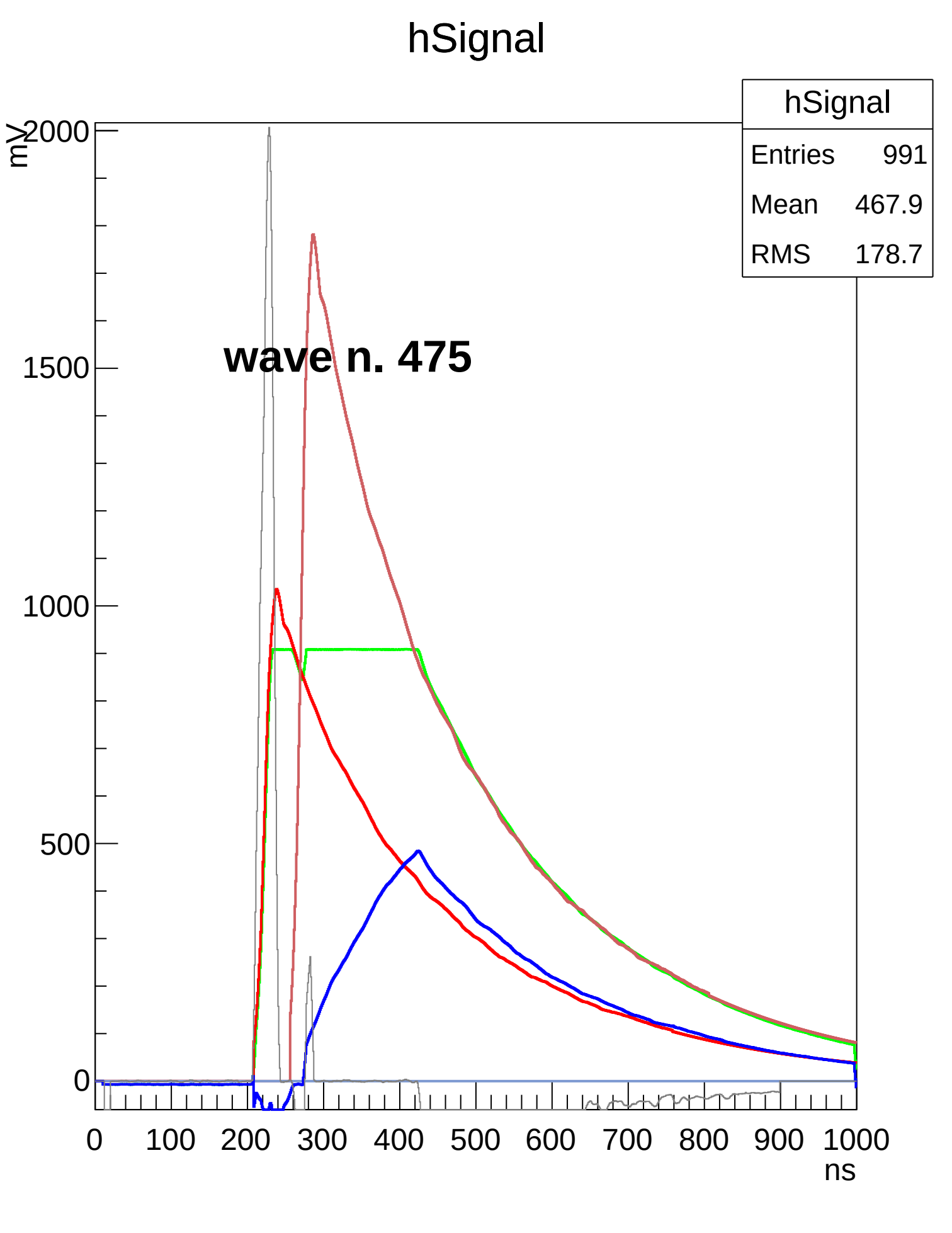

hSignal
hSignal
Entries 991
Mean 465.5
RMS 179.8
wave n. 470
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 452.6
RMS 177
wave n. 471
mV
900
800
700
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 525.1
RMS 187.7
wave n. 472
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 574.3
RMS 158.7
wave n. 473
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513
RMS 161.3
wave n. 474
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 467.9
RMS 178.7
wave n. 475
mV
2000
1500
1000
500
0
0
100
200
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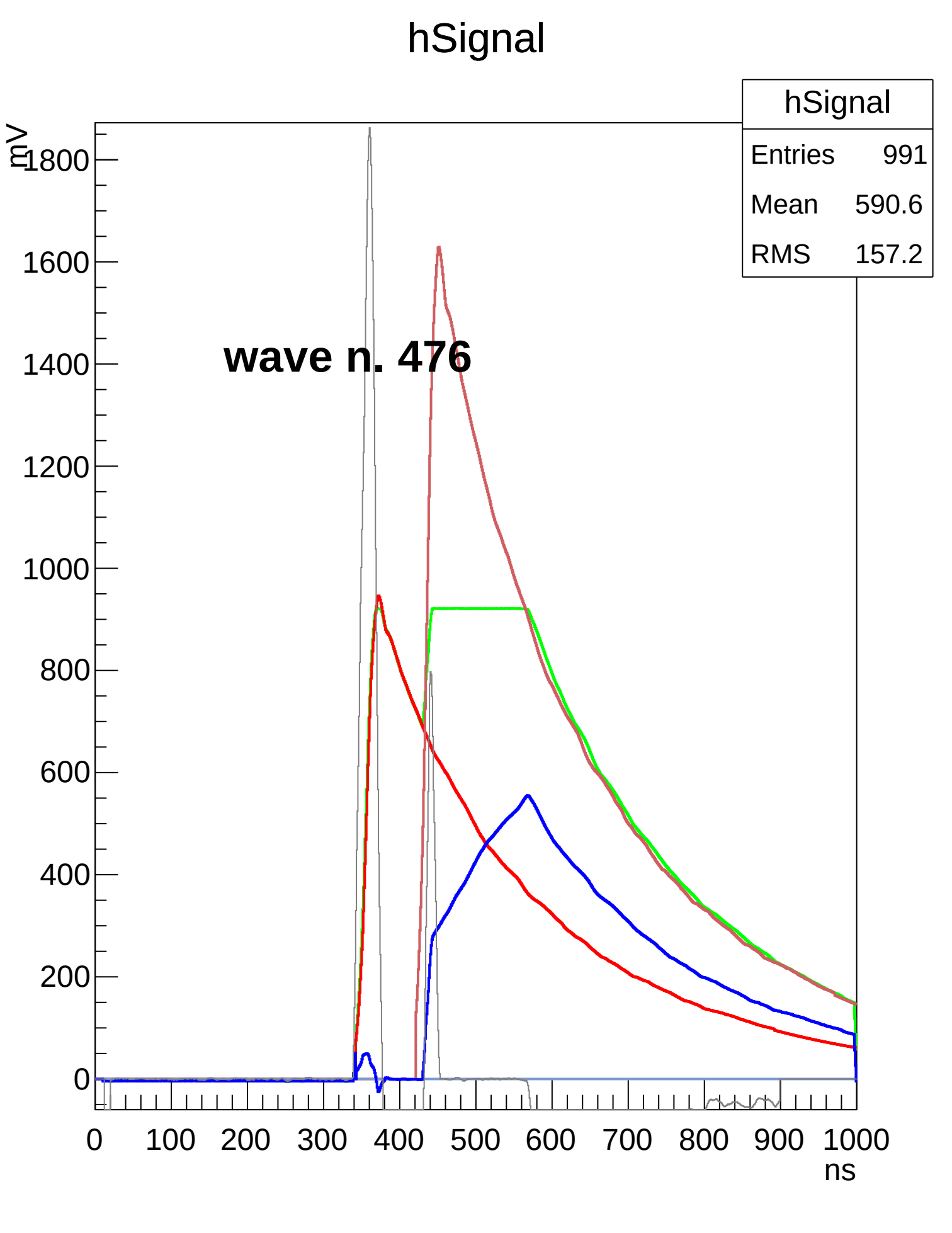
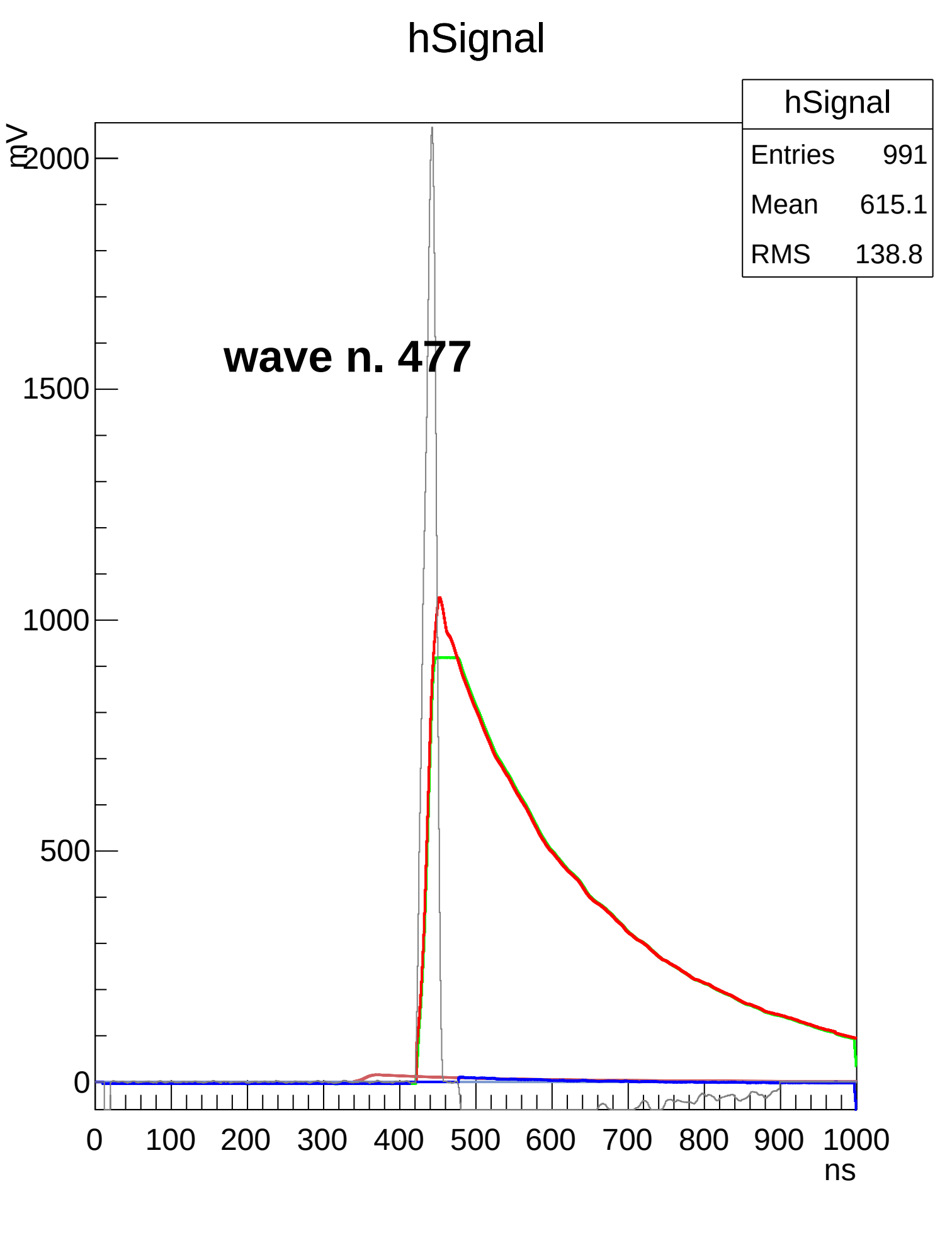
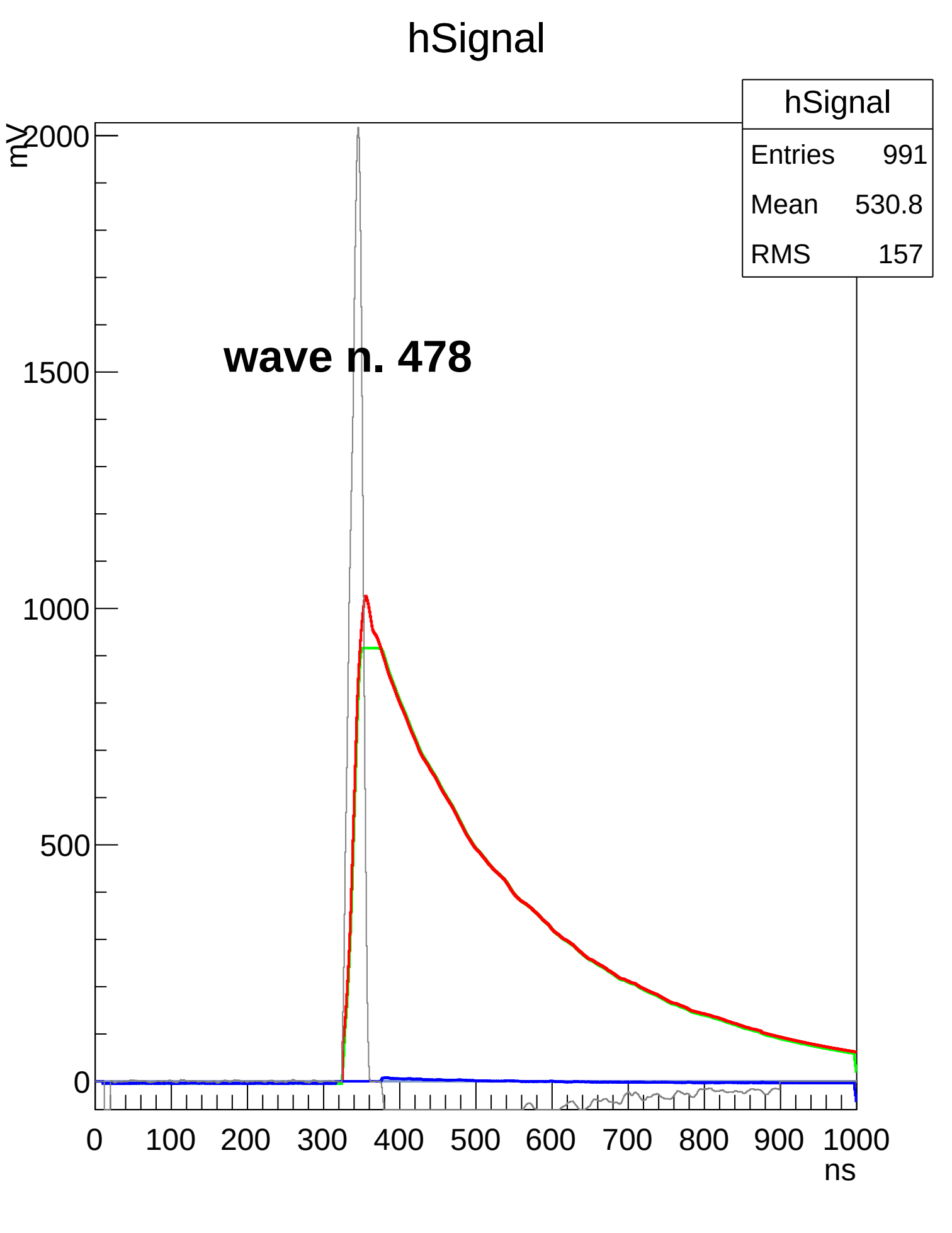
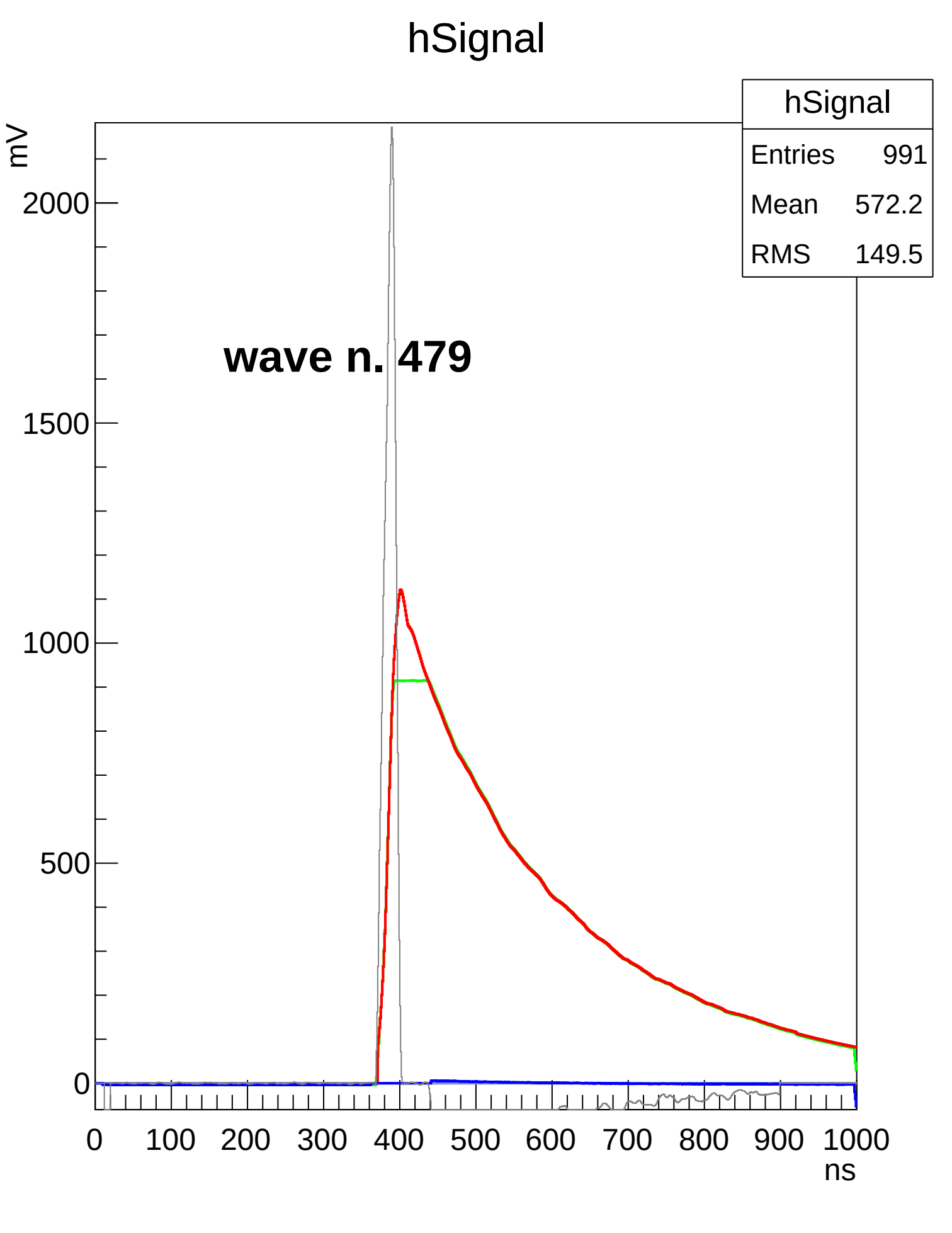
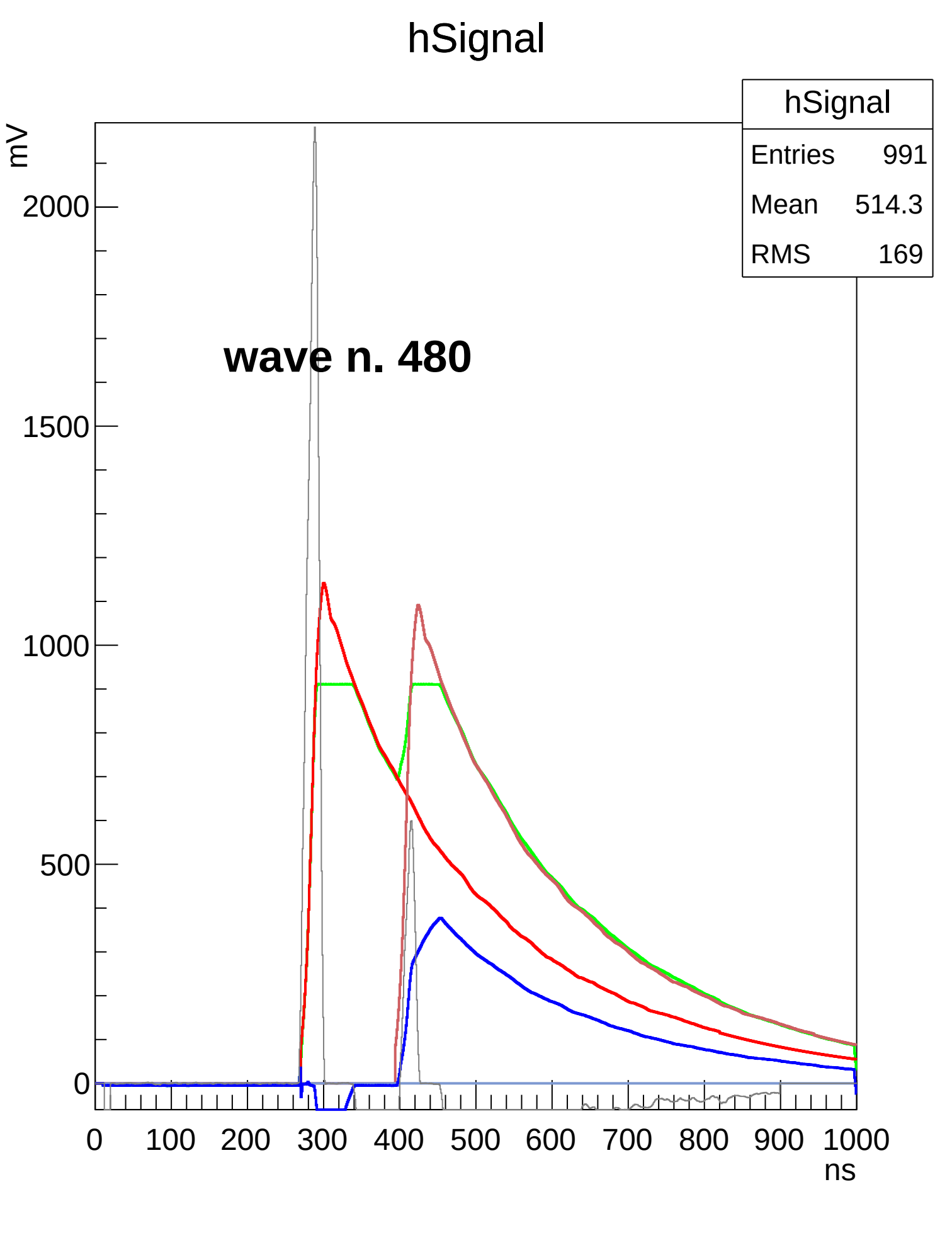
700
800
900
1000
ns

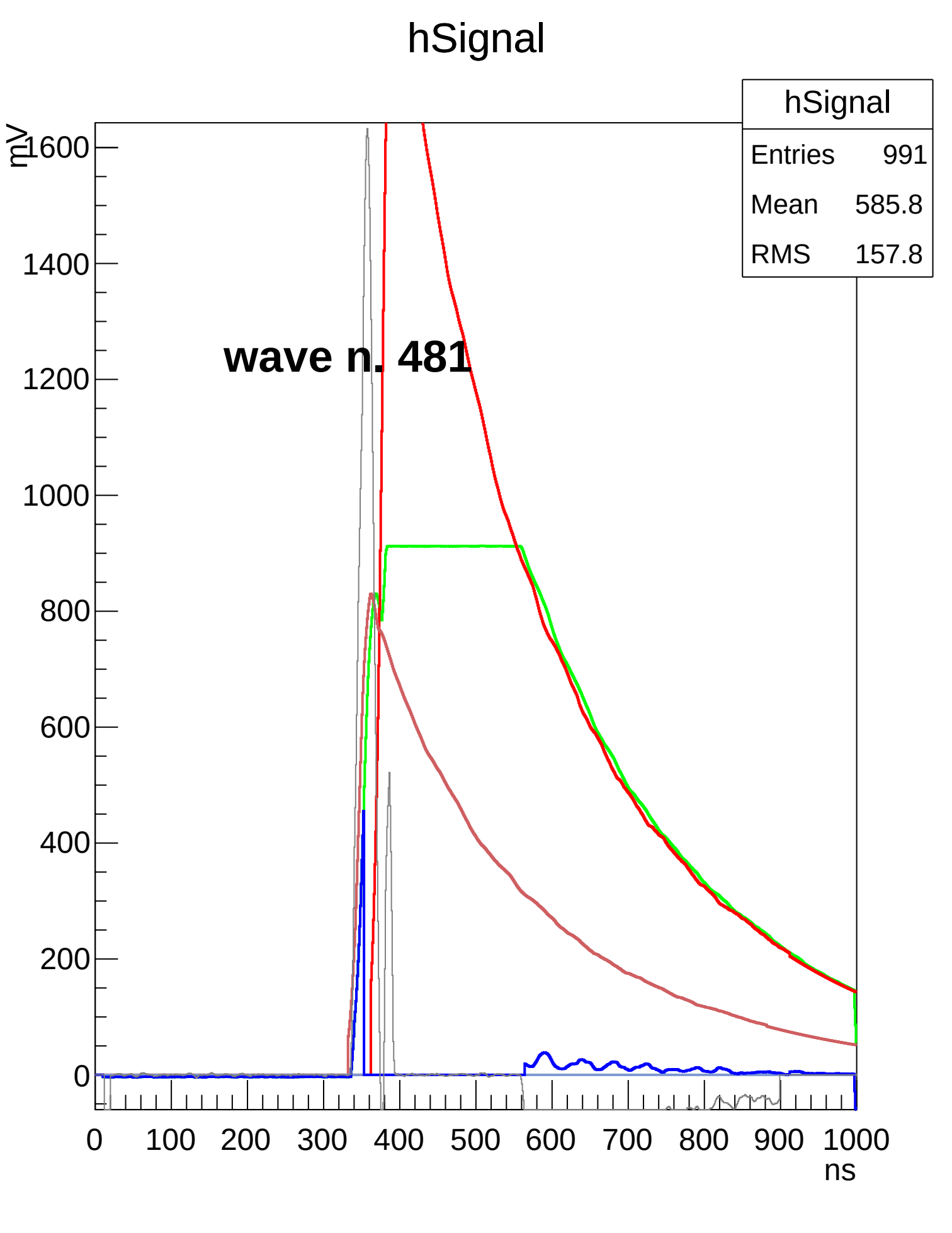

hSignal
hSignal
Entries 991
Mean 590.6
RMS 157.2
wave n. 476
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

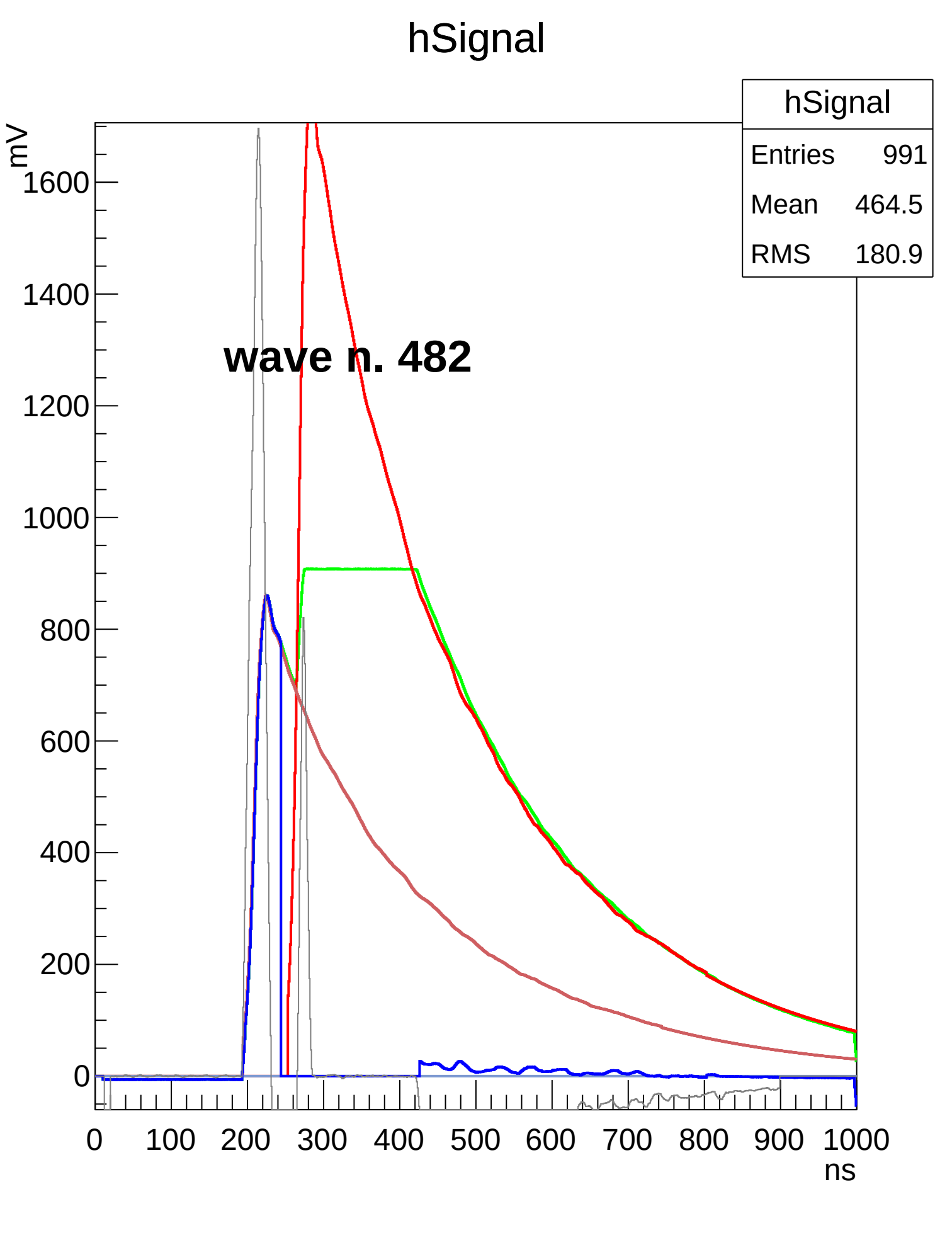

hSignal
hSignal
Entries 991
Mean 615.1
RMS 138.8
wave n. 477
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

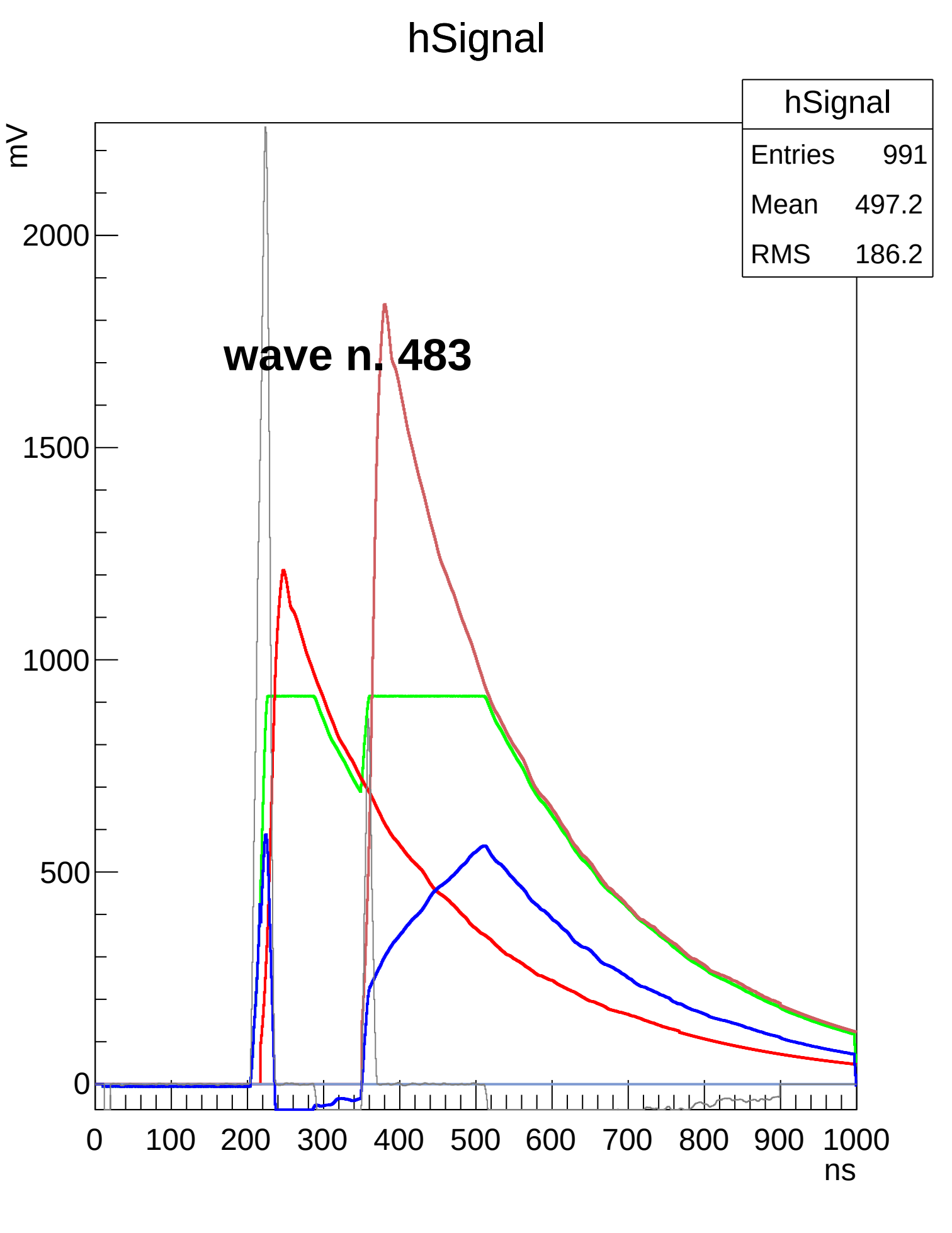

hSignal
hSignal
Entries 991
Mean 530.8
RMS 157
wave n. 478
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 572.2
RMS 149.5
wave n. 479
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 514.3
RMS 169
wave n. 480
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 585.8
RMS 157.8
wave n. 481
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 464.5
RMS 180.9
wave n. 482
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 497.2
RMS 186.2
wave n. 483
mV
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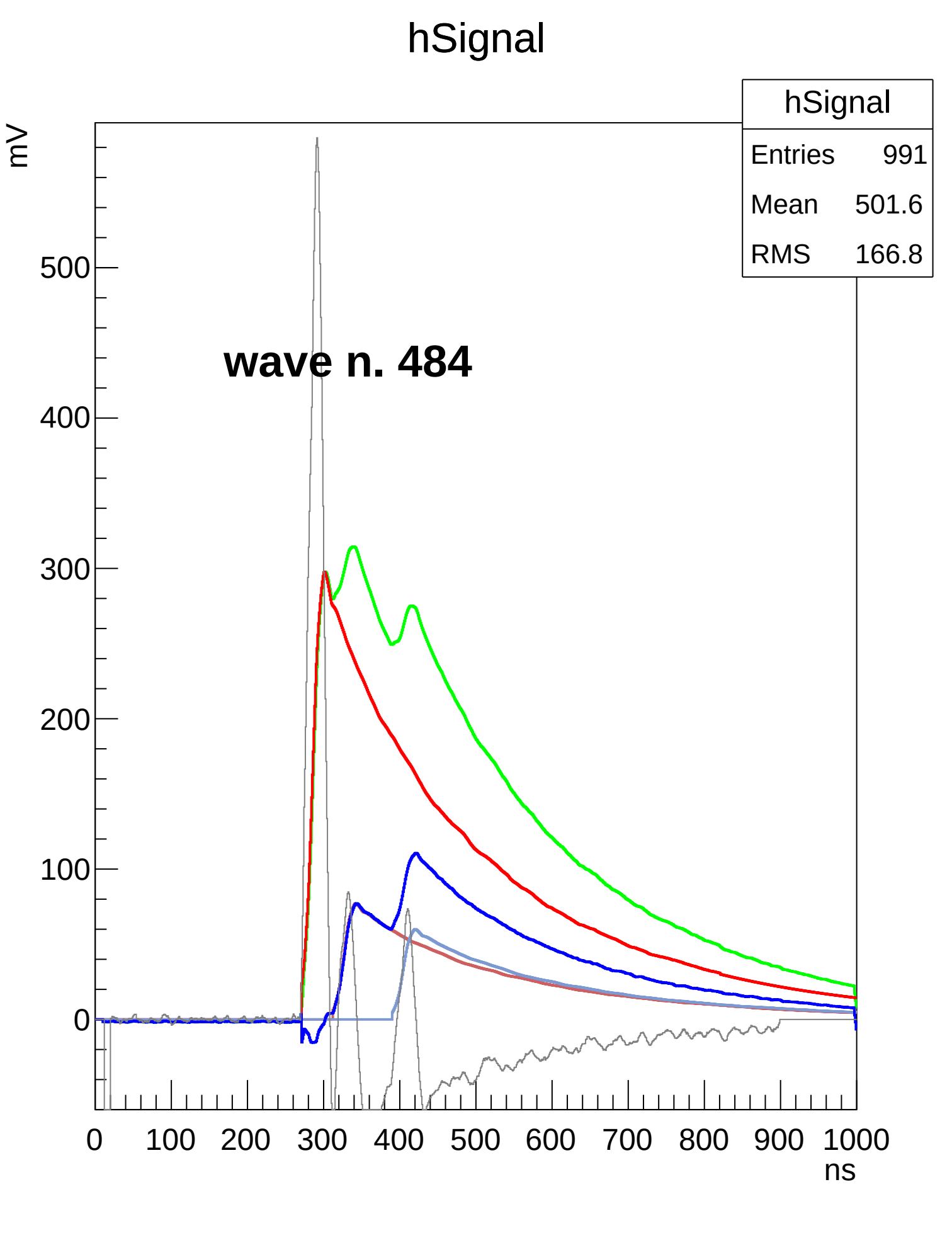
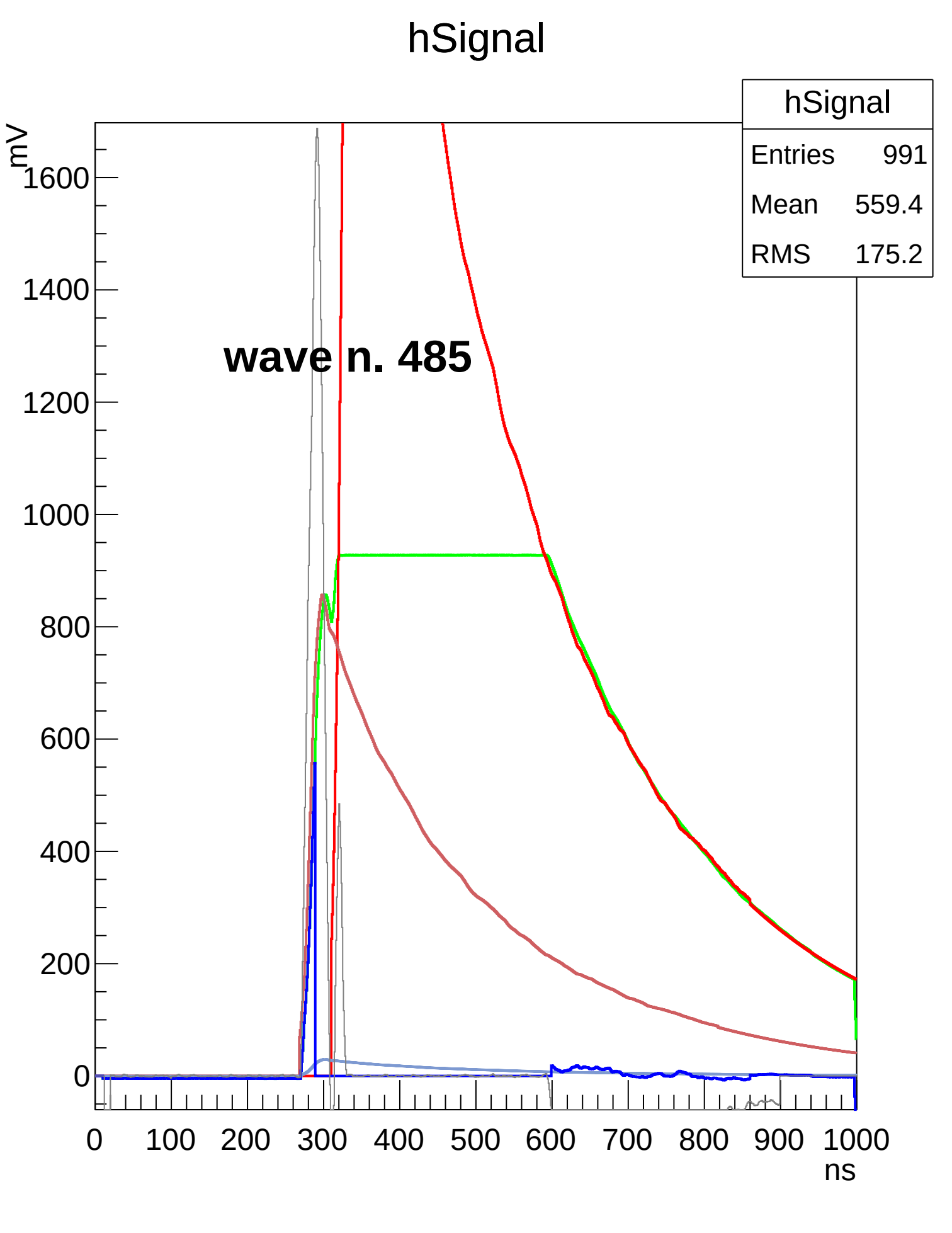
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 501.6
RMS 166.8
wave n. 484
mV
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 559.4
RMS 175.2
wave n. 485
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
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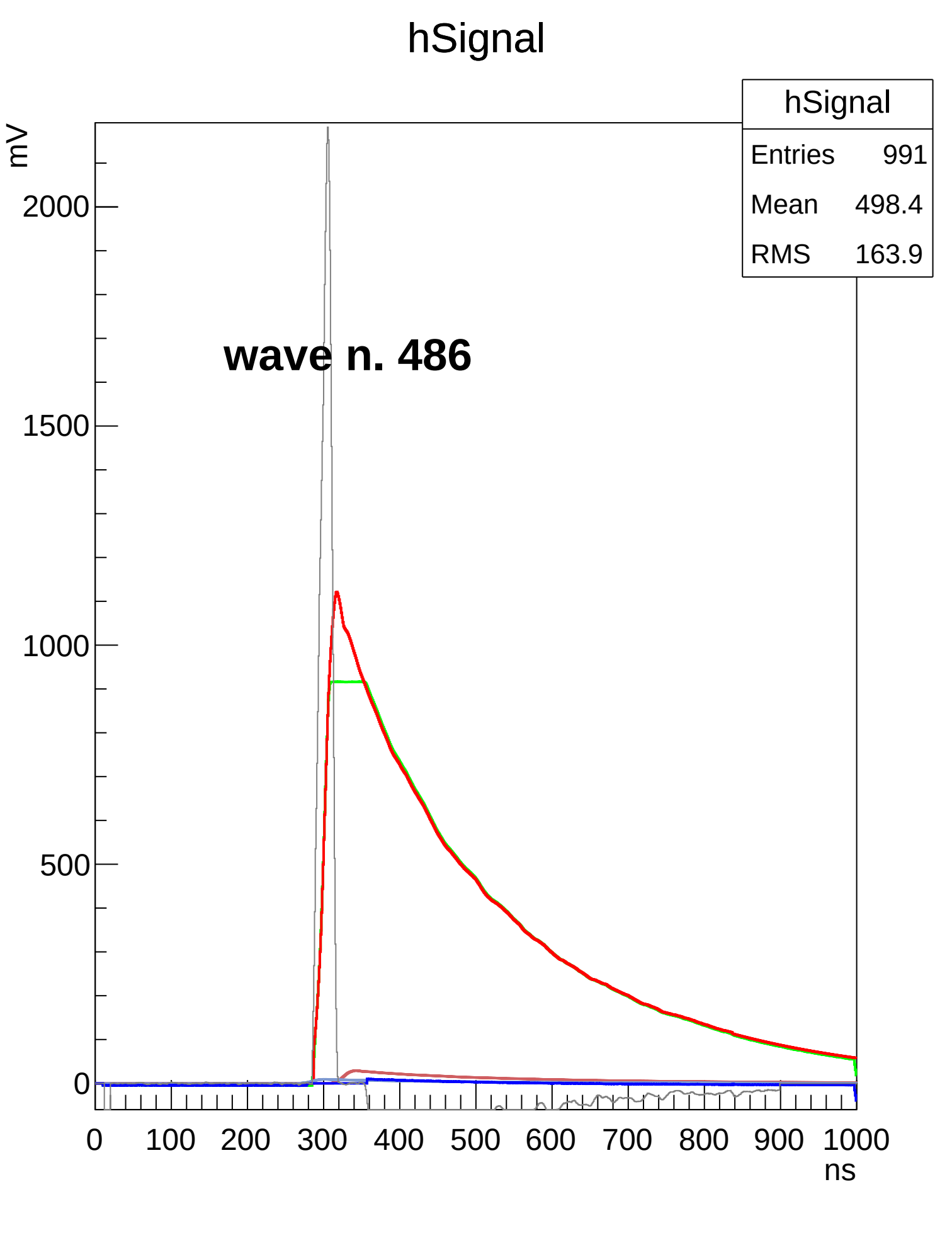
1000
ns


hSignal
hSignal
Entries 991
Mean 498.4
RMS 163.9
wave n. 486
mV
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1500
1000
500
0
0
100
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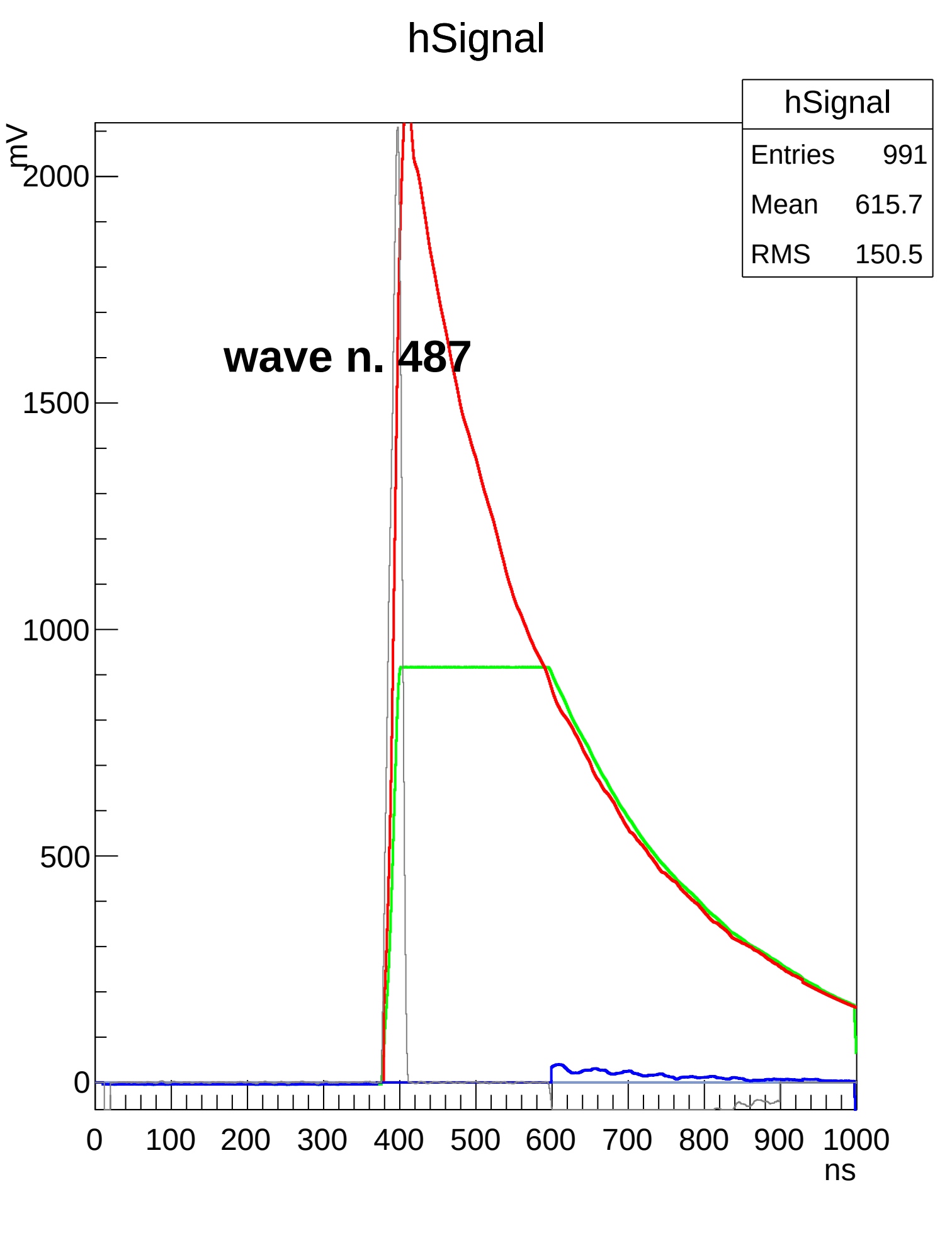
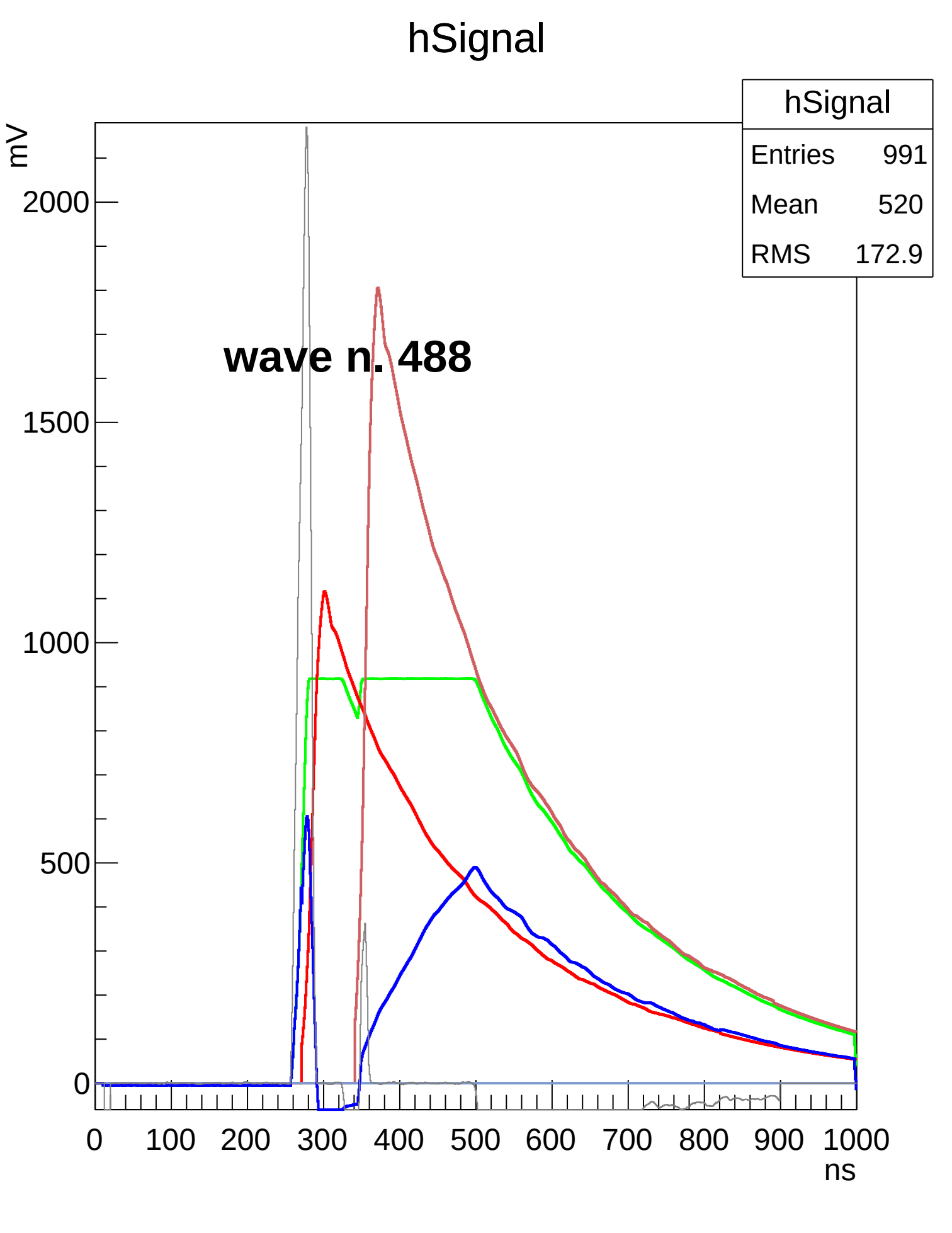
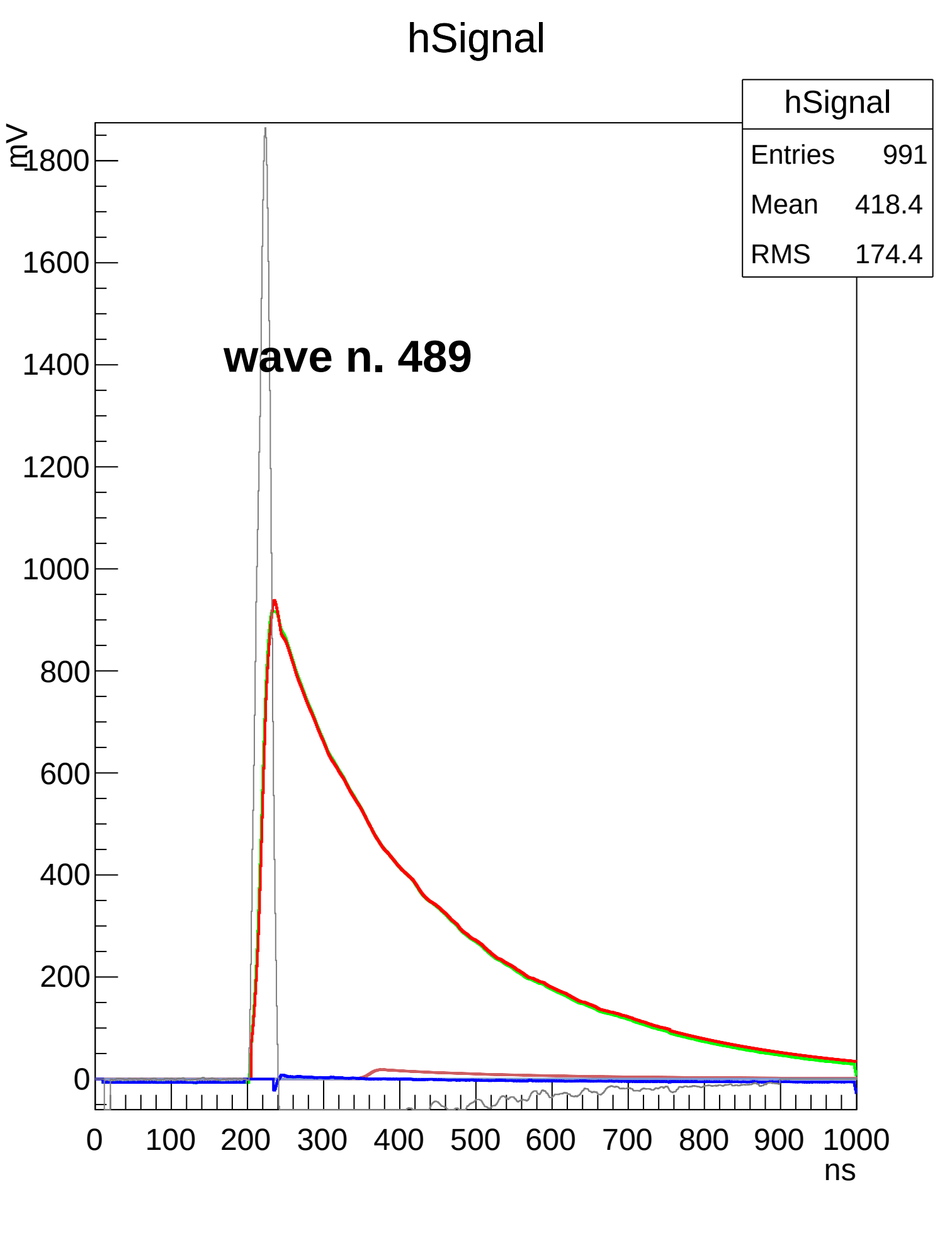
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 615.7
RMS 150.5
wave n. 487
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 520
RMS 172.9
wave n. 488
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 418.4
RMS 174.4
wave n. 489
mV
1800
1600
1400
1200
1000
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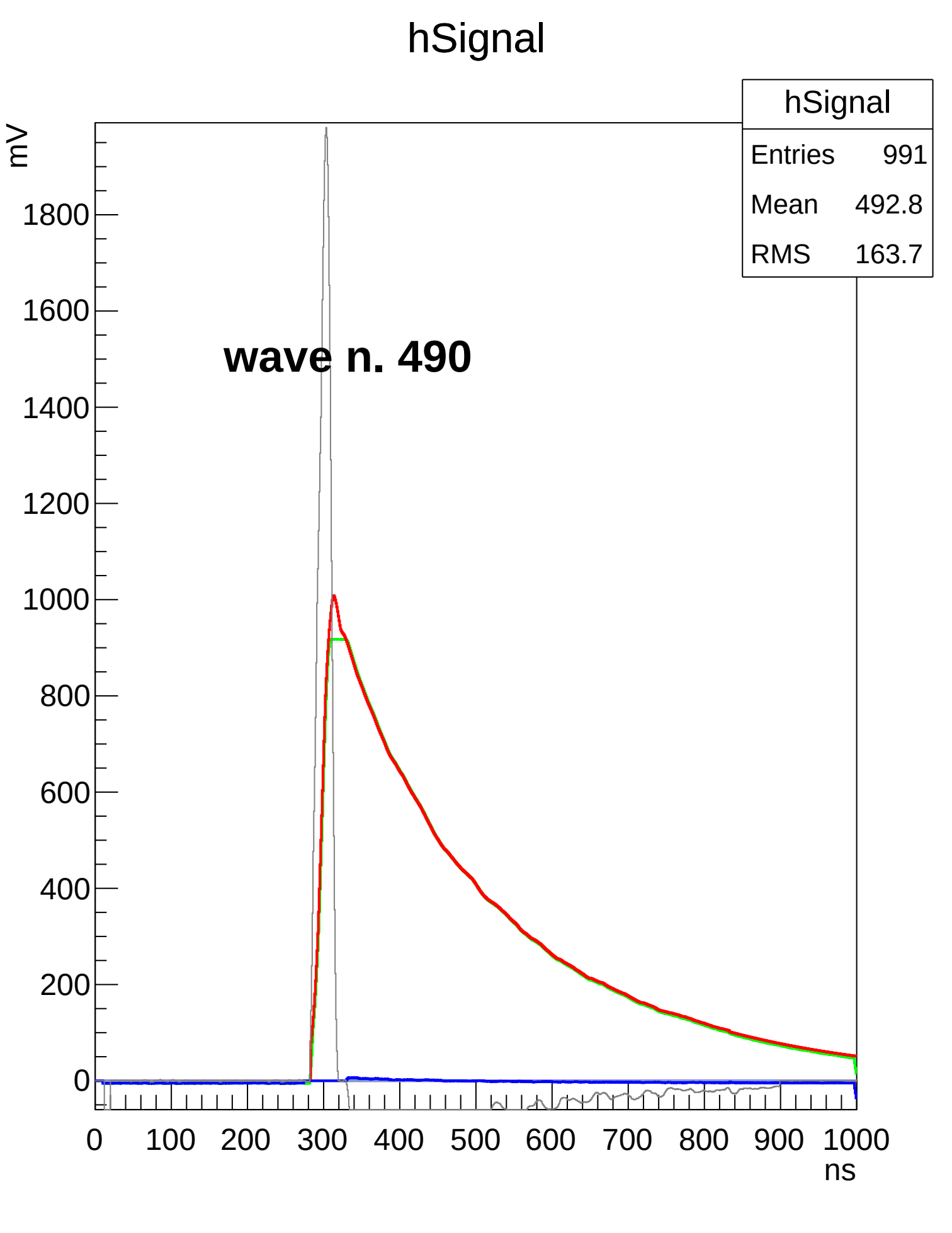
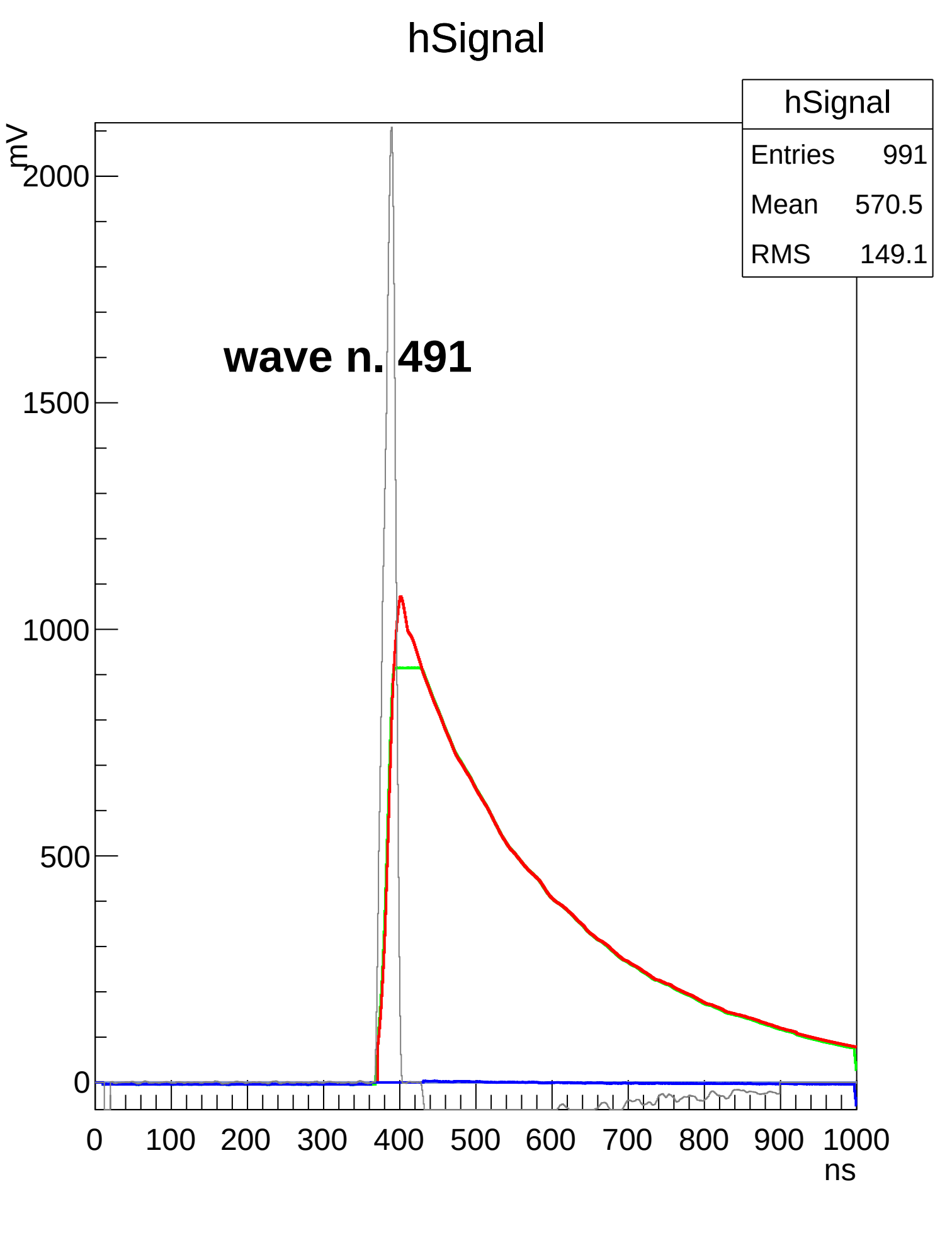
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 492.8
RMS 163.7
wave n. 490
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.5
RMS 149.1
wave n. 491
mV
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1500
1000
500
0
0
100
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400
500
600
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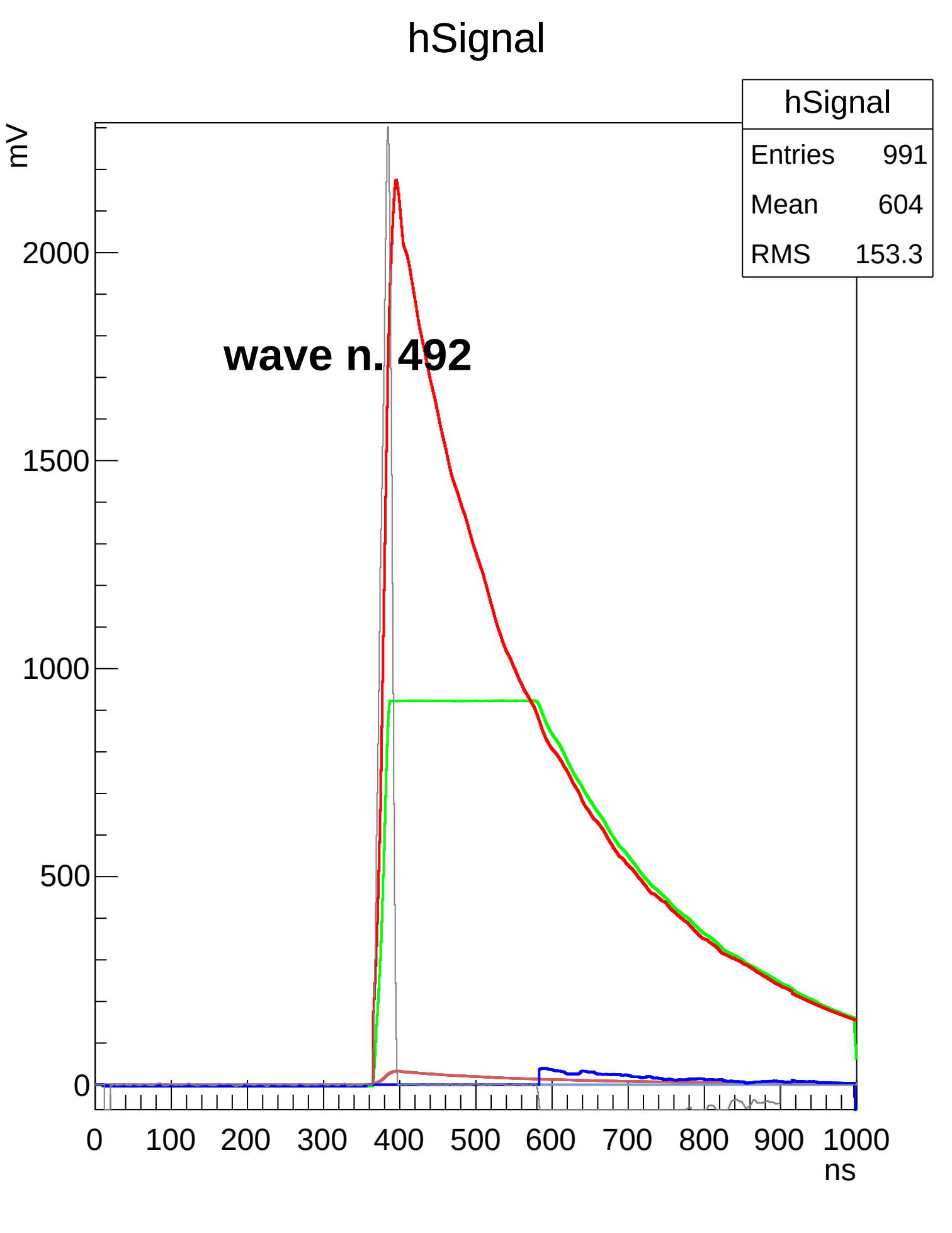
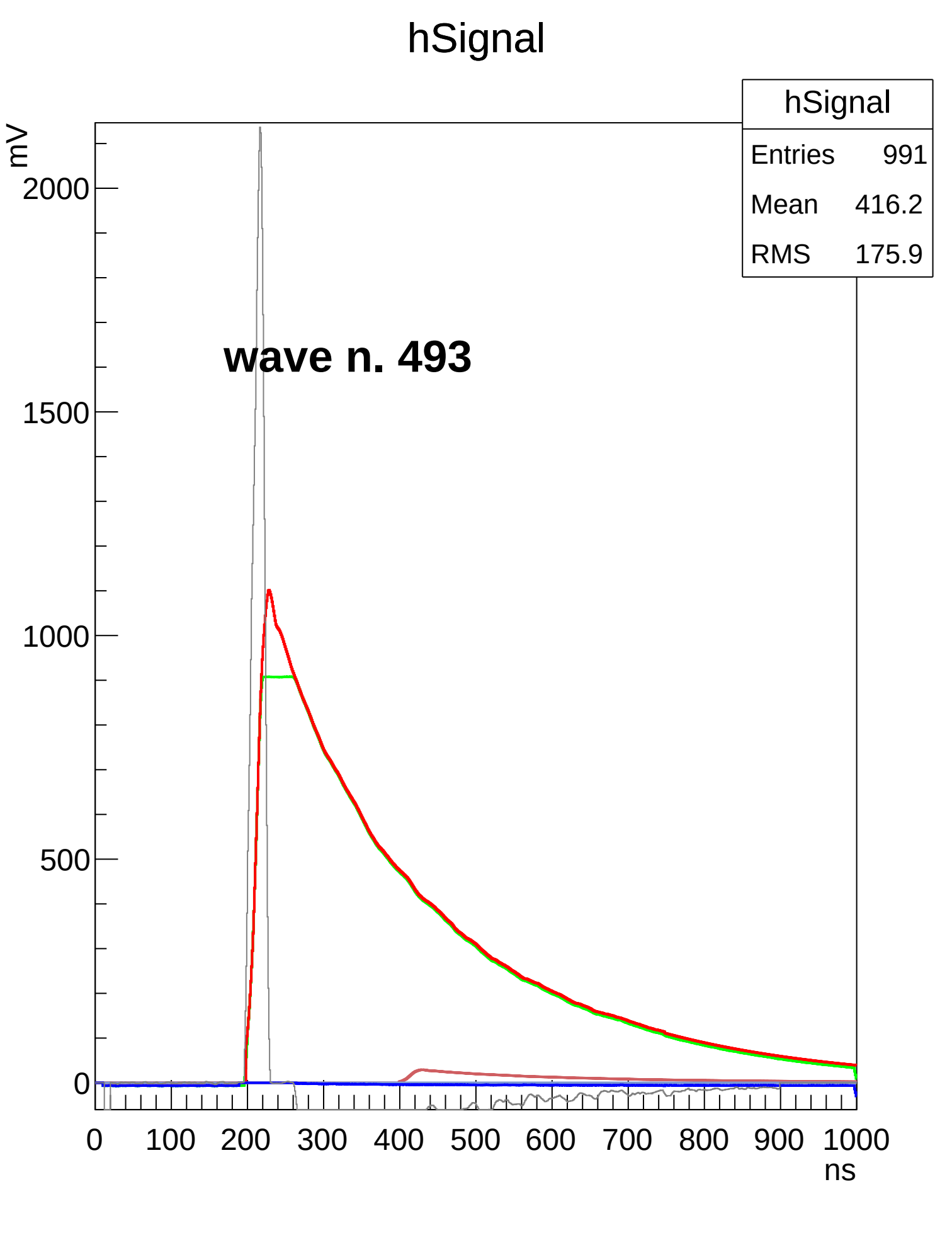
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 604
RMS 153.3
wave n. 492
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 416.2
RMS 175.9
wave n. 493
mV
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1500
1000
500
0
0
100
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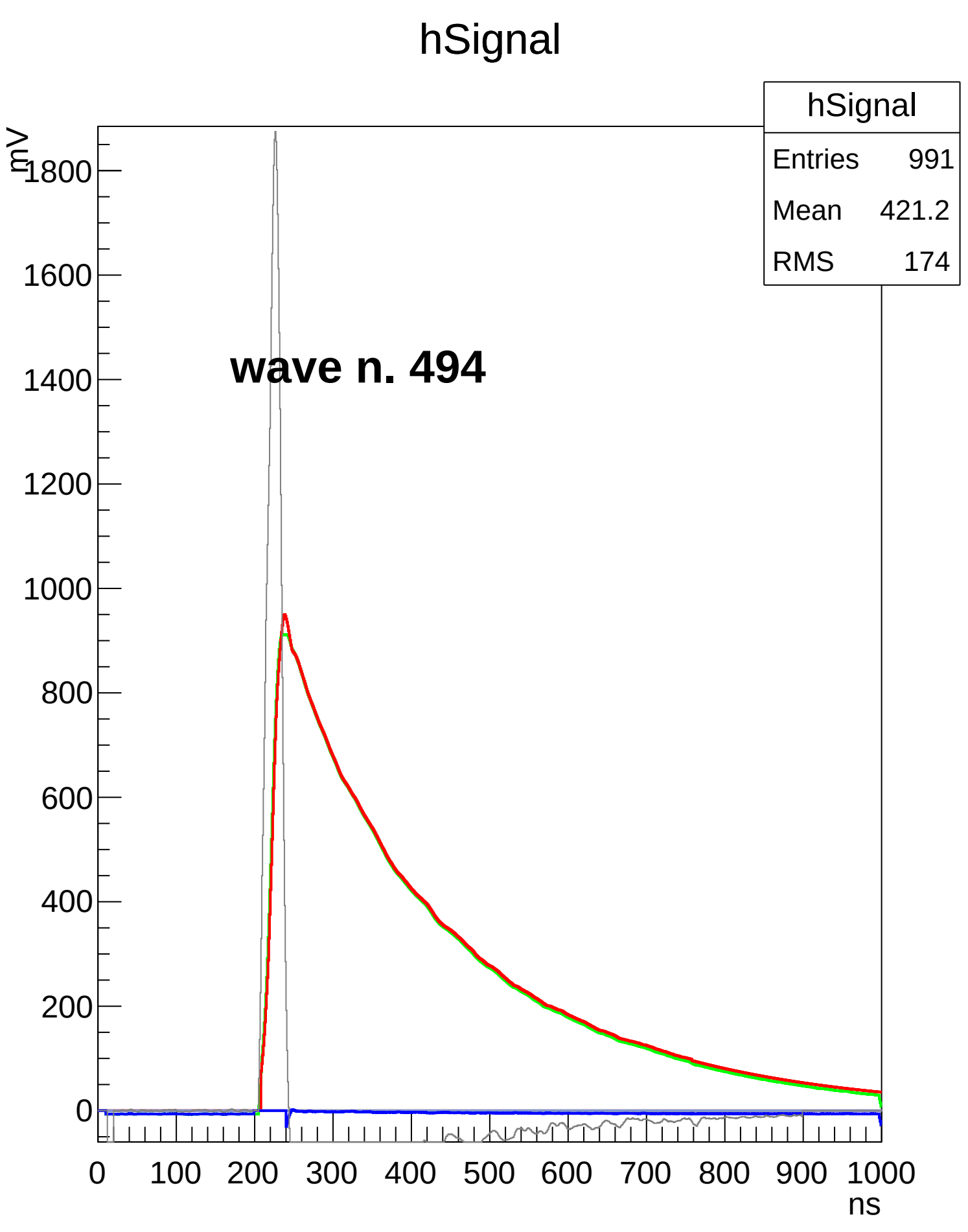
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 421.2
RMS 174
wave n. 494
mV
1800
1600
1400
1200
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400
200
0
0
100
200
300
400
500
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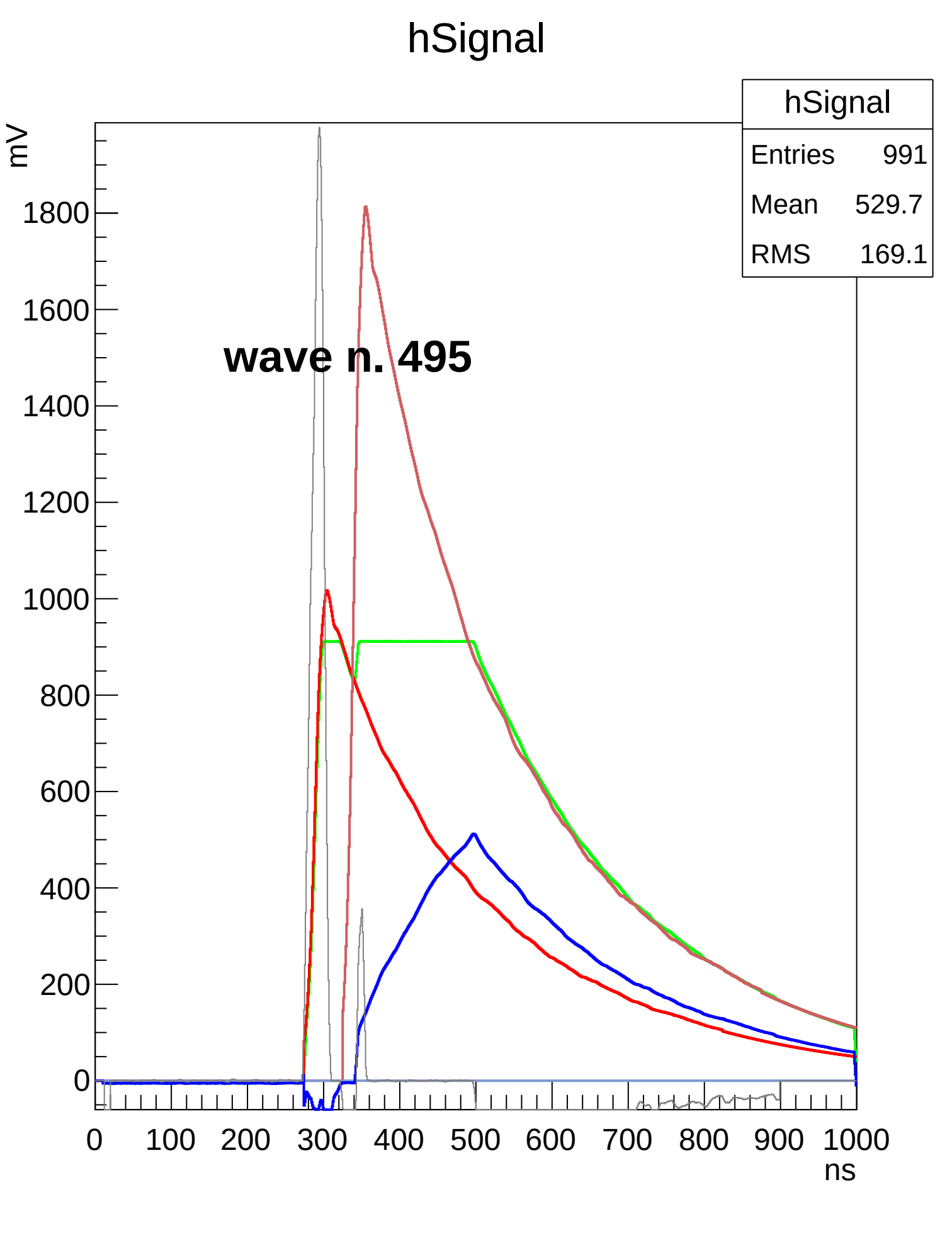
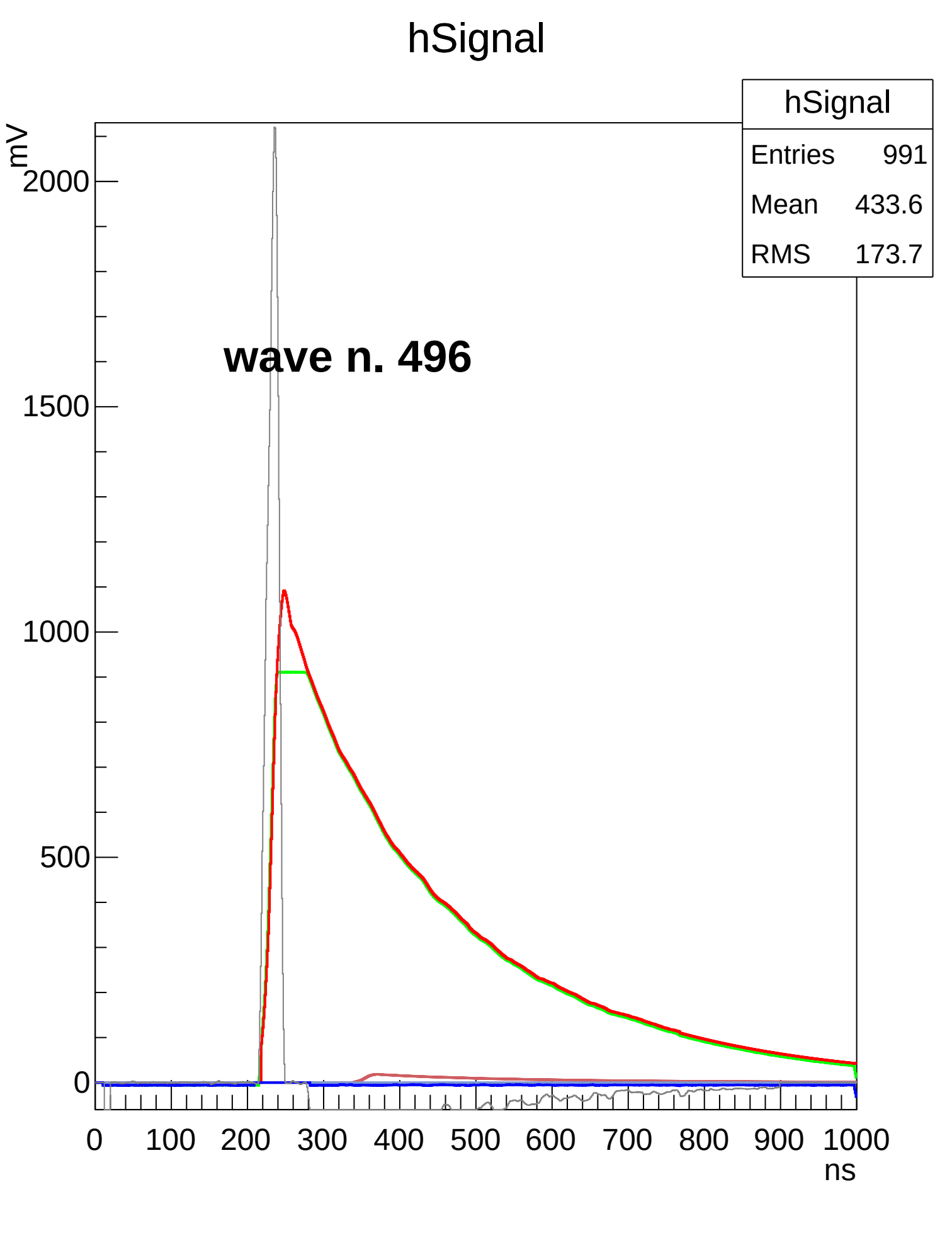
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 529.7
RMS 169.1
wave n. 495
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 433.6
RMS 173.7
wave n. 496
mV
2000
1500
1000
500
0
0
100
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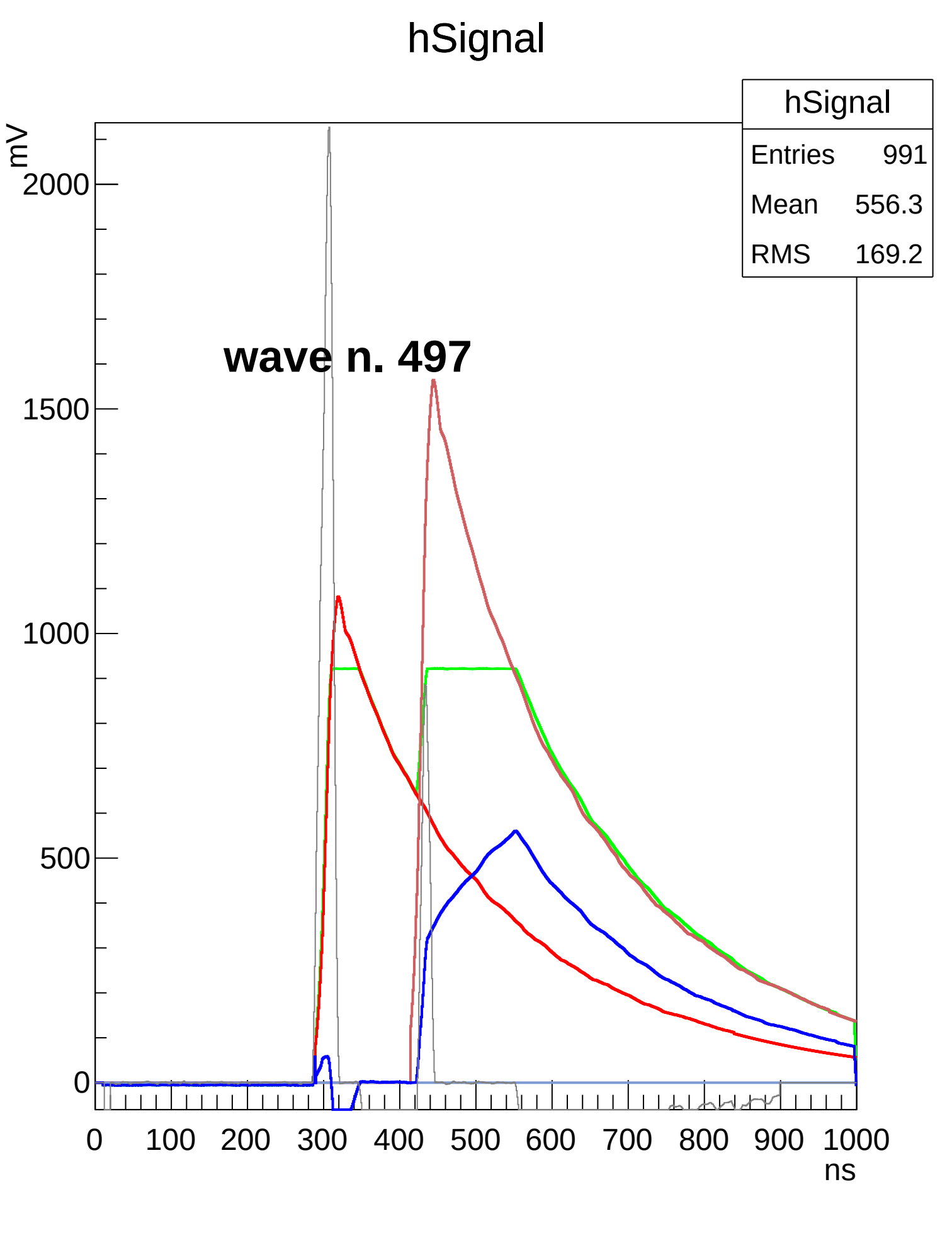
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.3
RMS 169.2
wave n. 497
mV
2000
1500
1000
500
0
0
100
200
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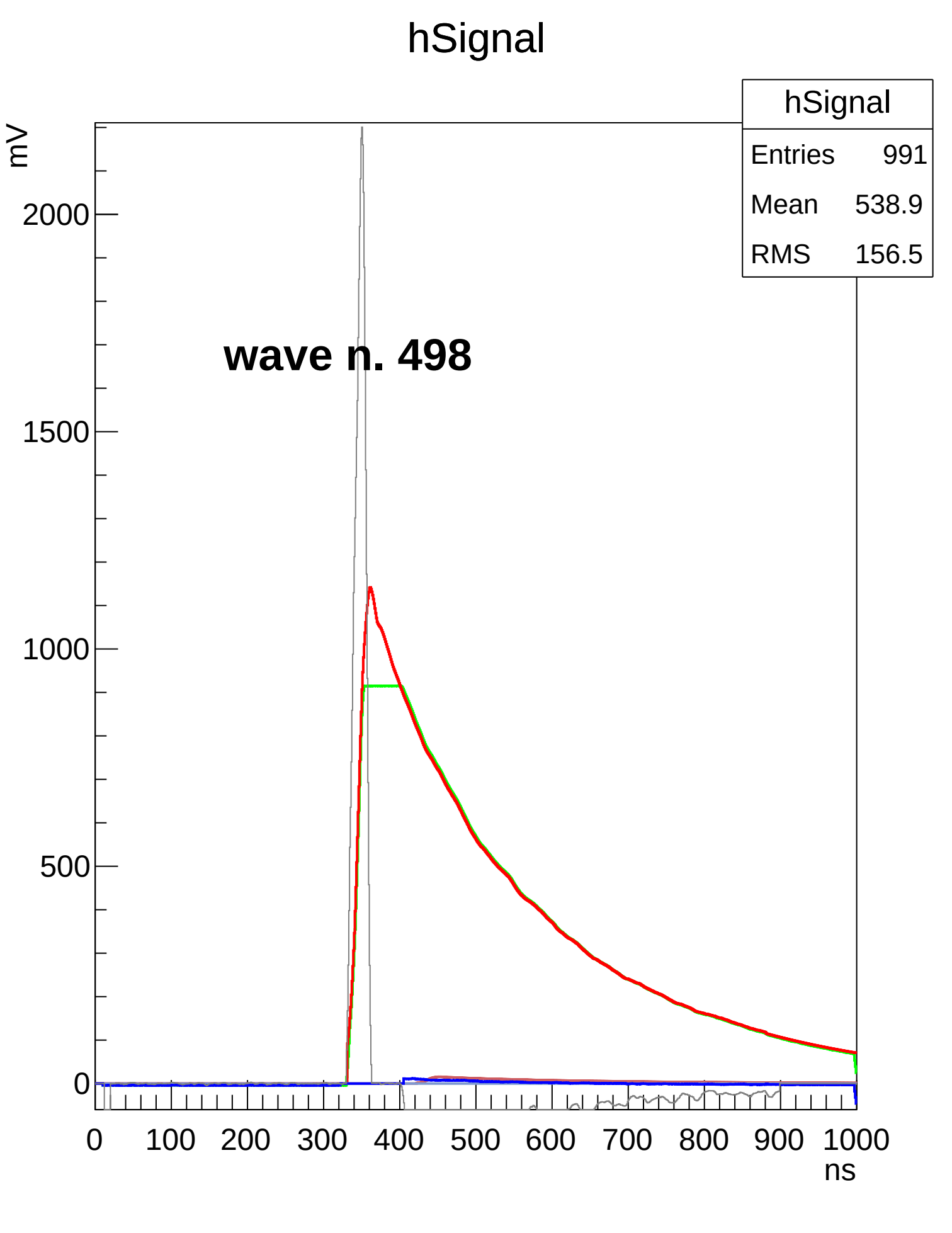
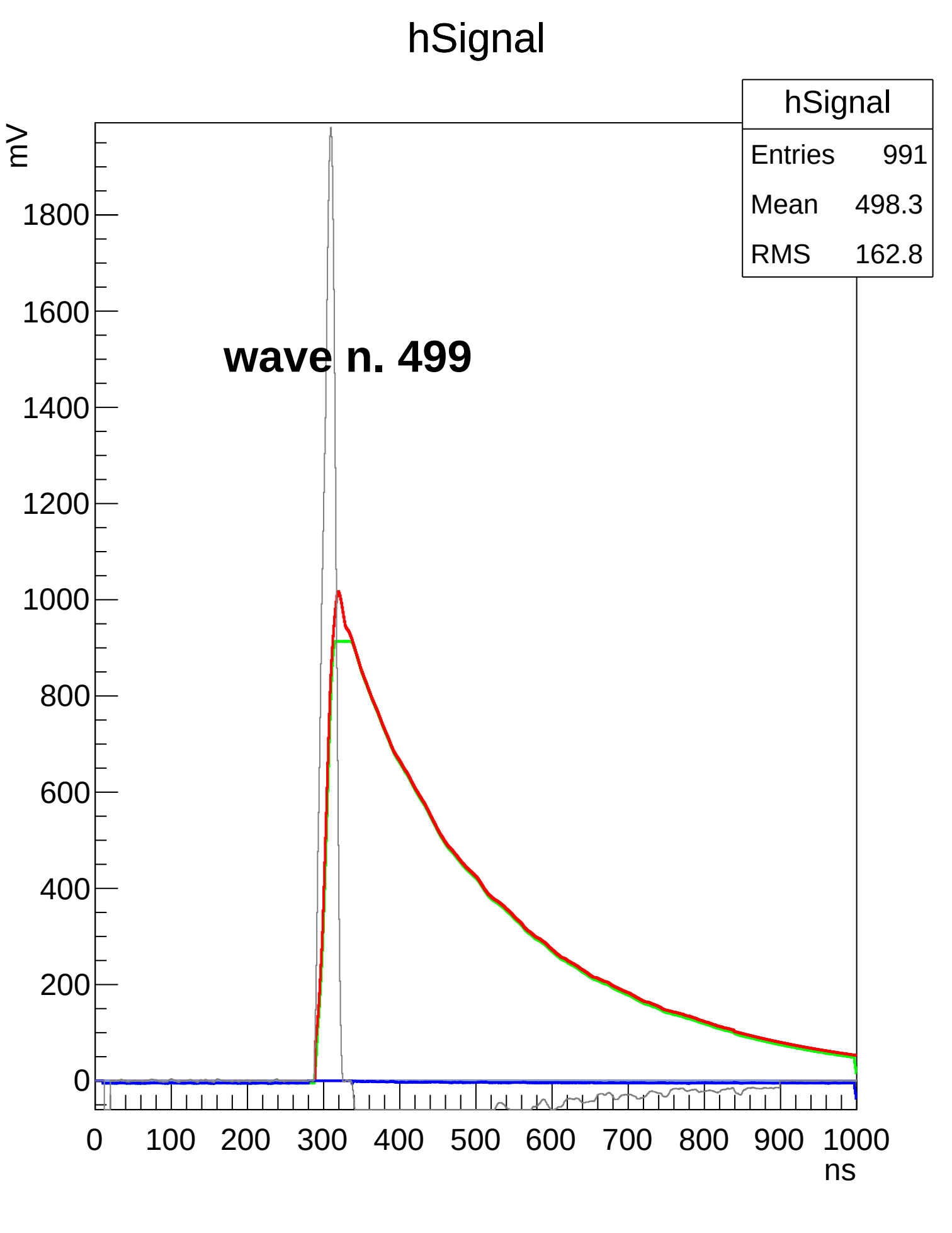
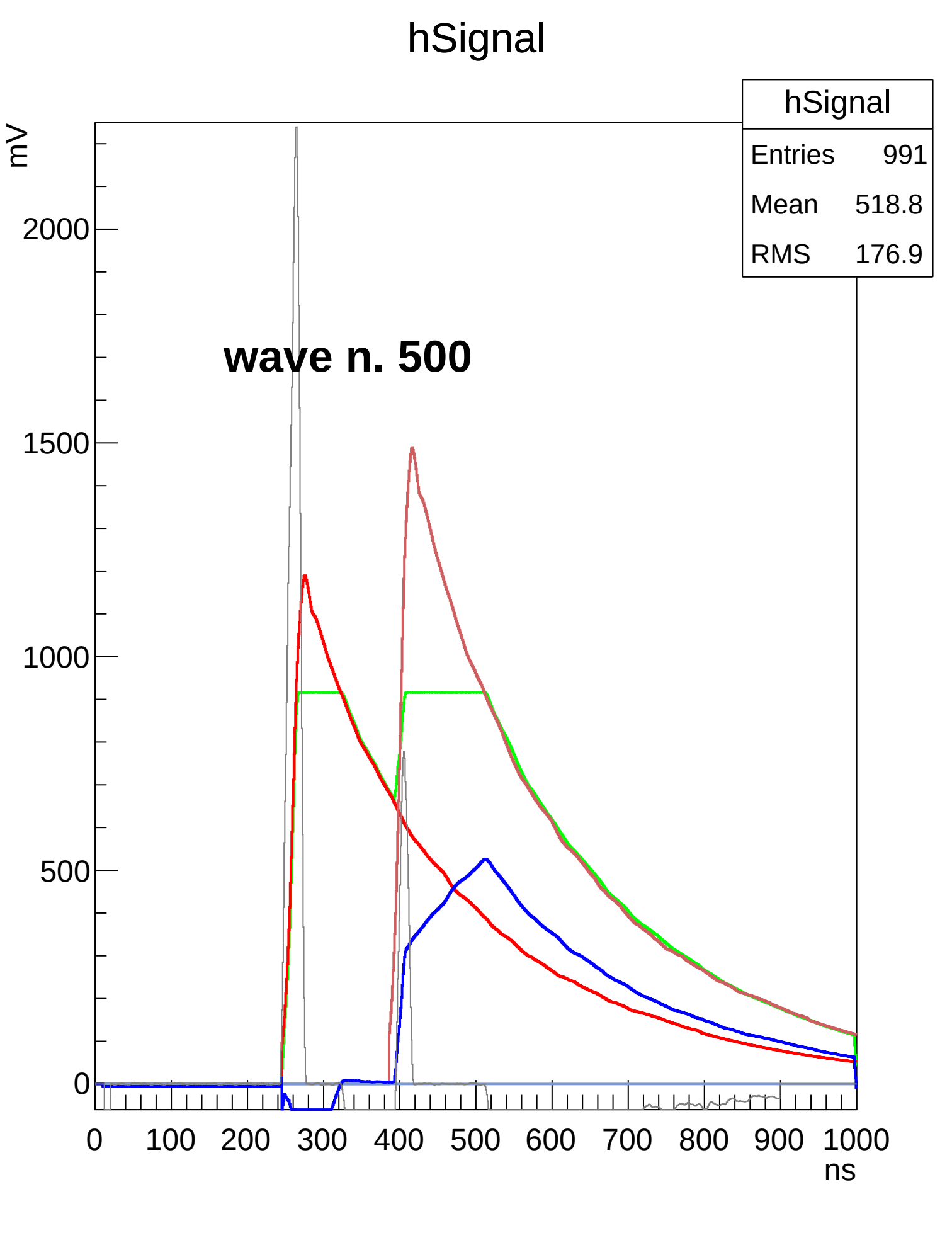
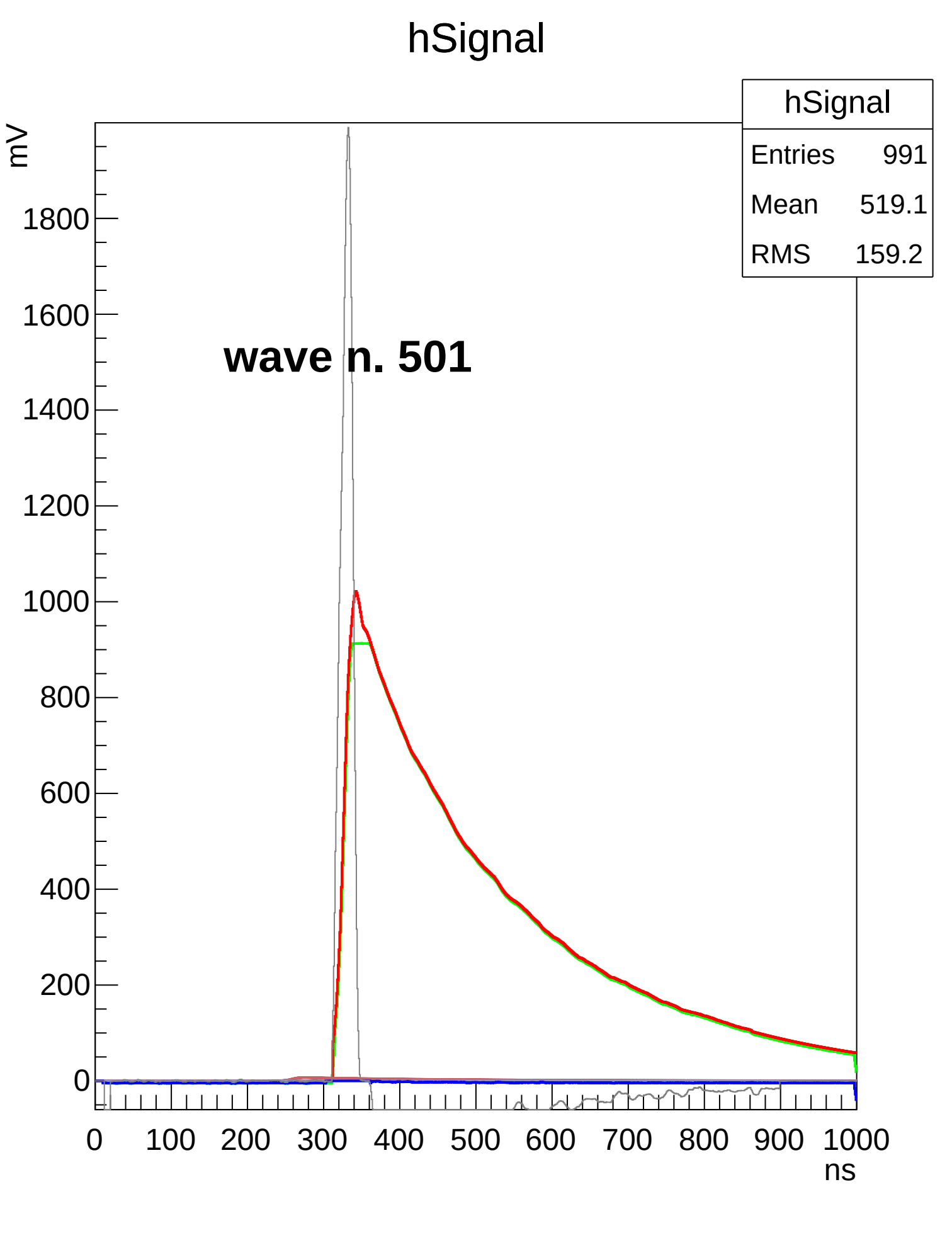
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 538.9
RMS 156.5
wave n. 498
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 498.3
RMS 162.8
wave n. 499
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.8
RMS 176.9
wave n. 500
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 519.1
RMS 159.2
wave n. 501
mV
1800
1600
1400
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1000
800
600
400
200
0
0
100
200
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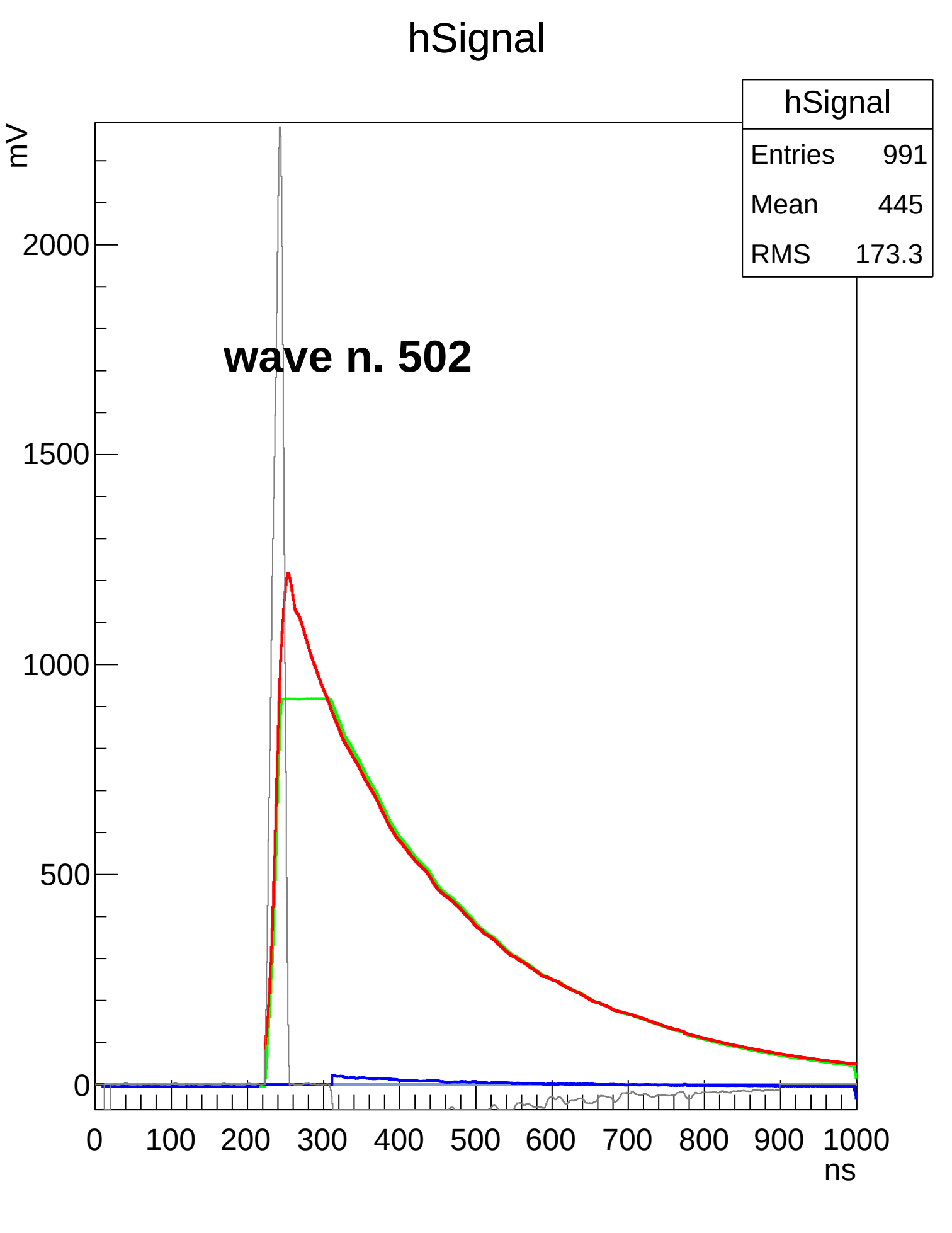
400
500
600
700
800
900
1000
ns


hSignal
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Entries 991
Mean 445
RMS 173.3
wave n. 502
mV
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1500
1000
500
0
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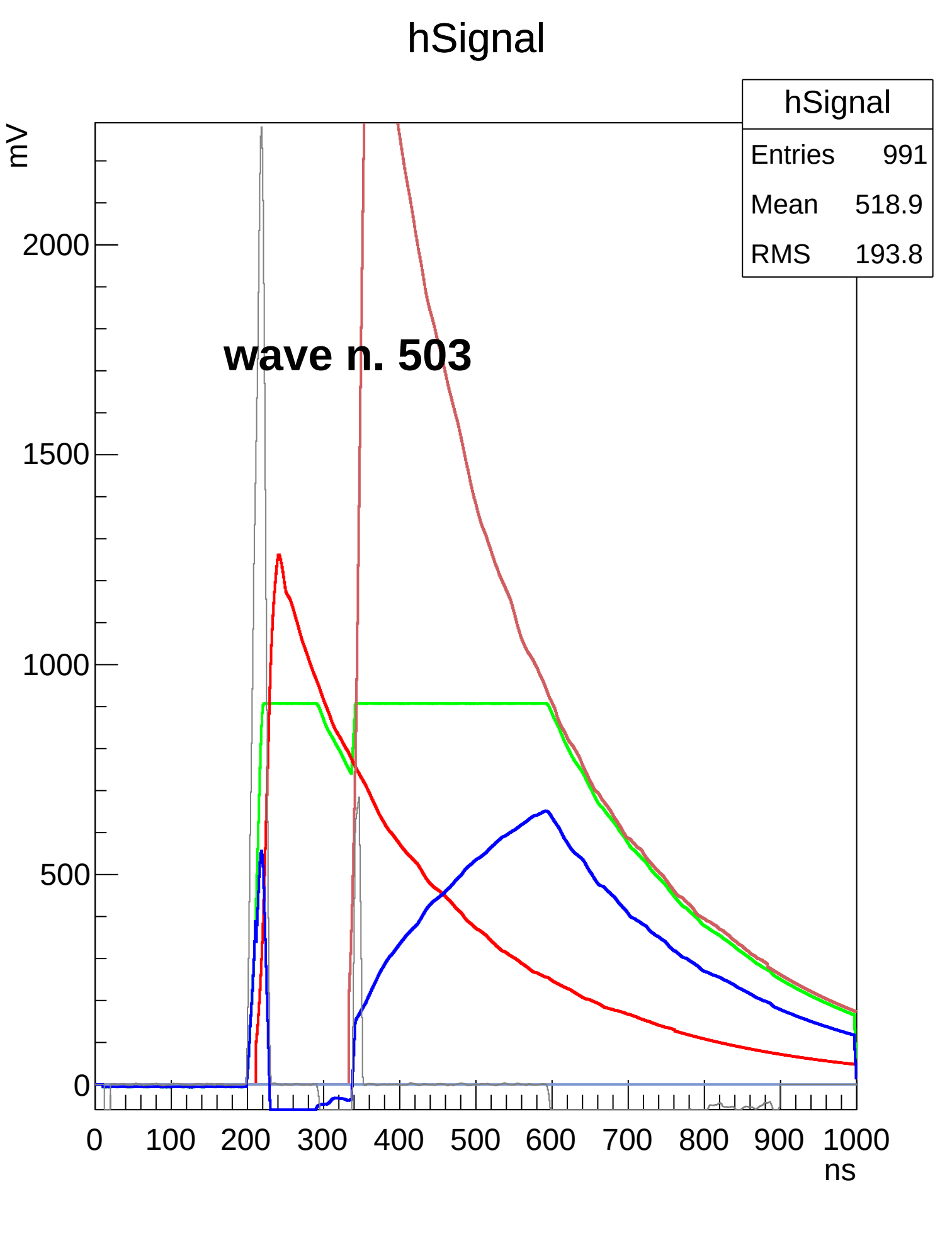
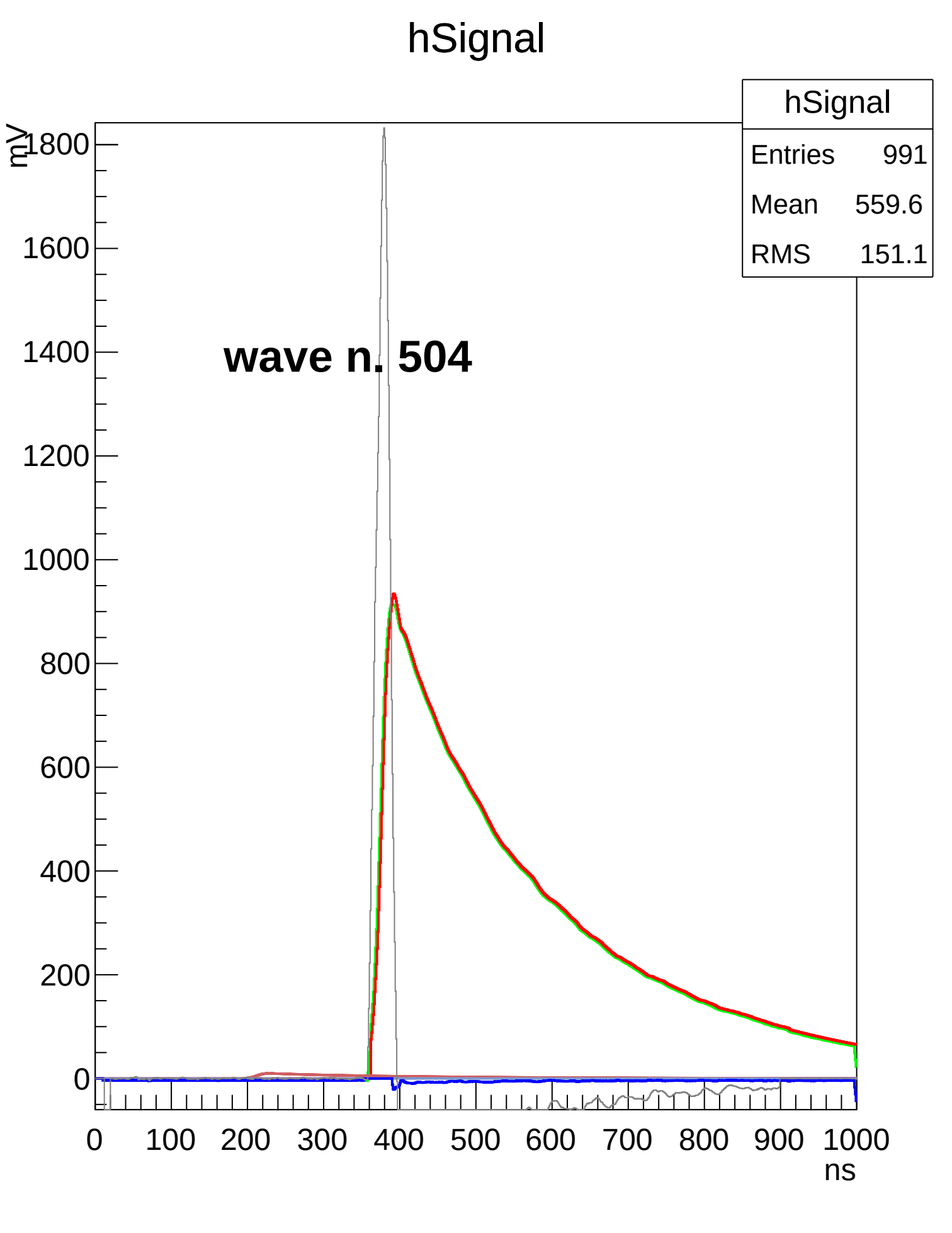
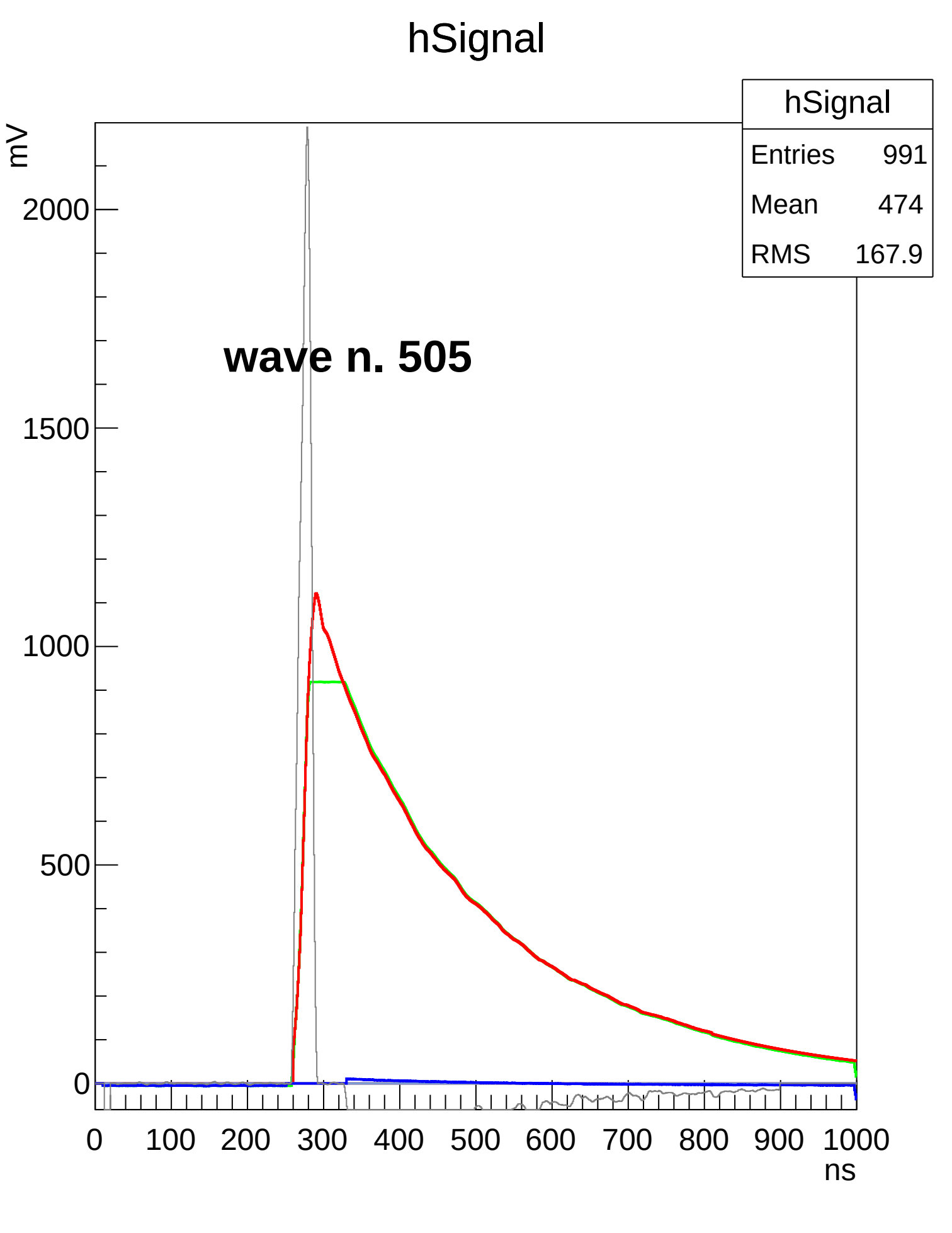
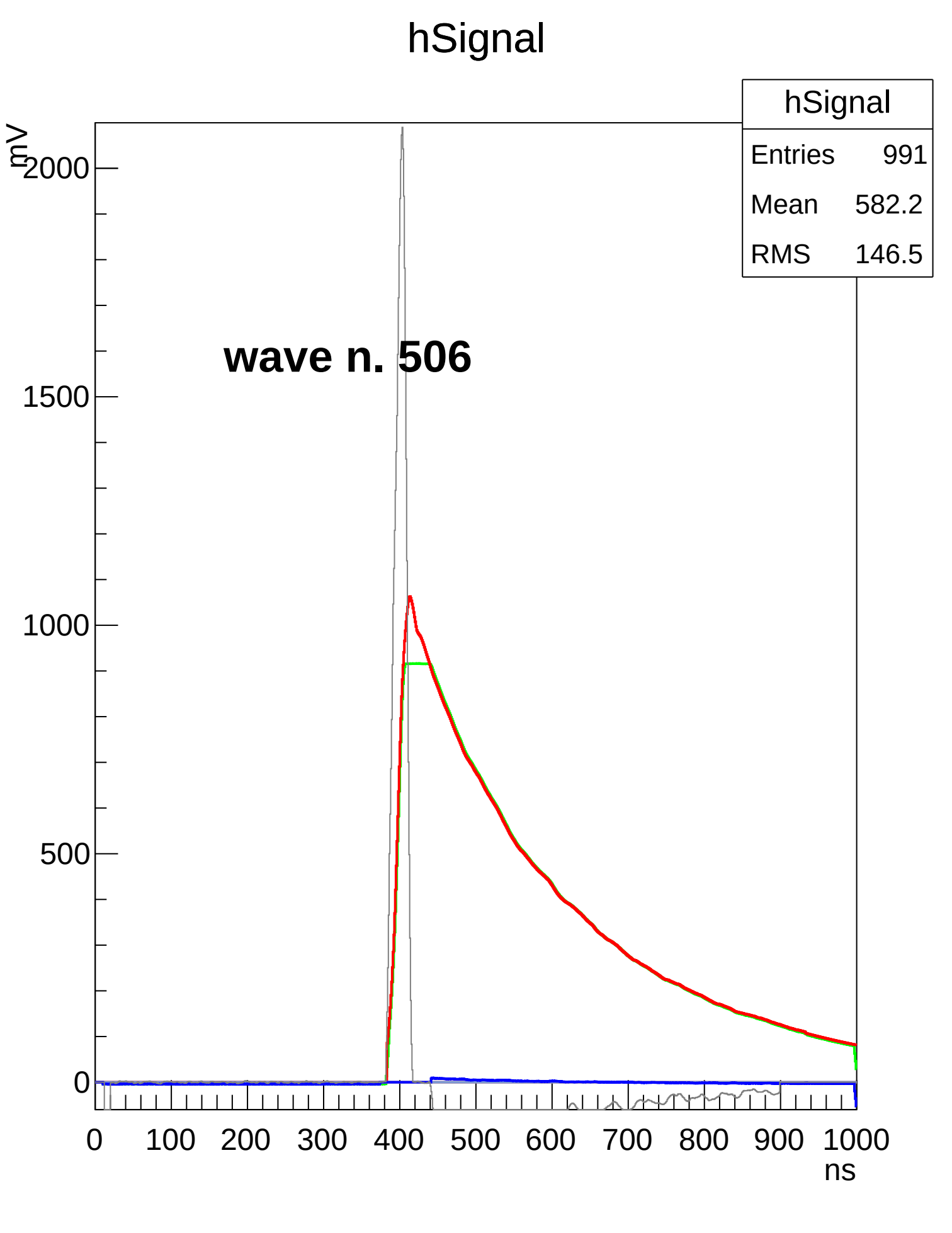
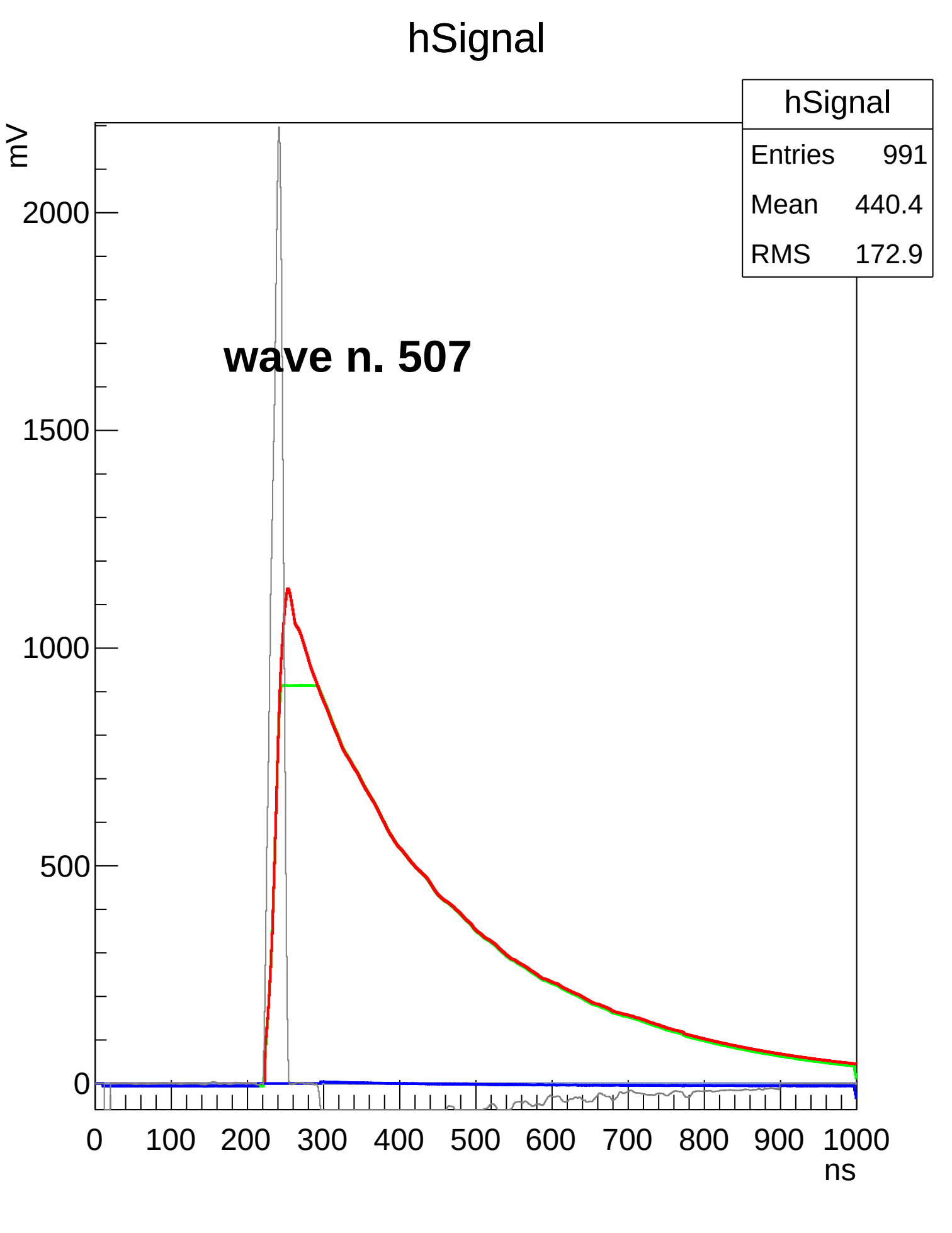
ns

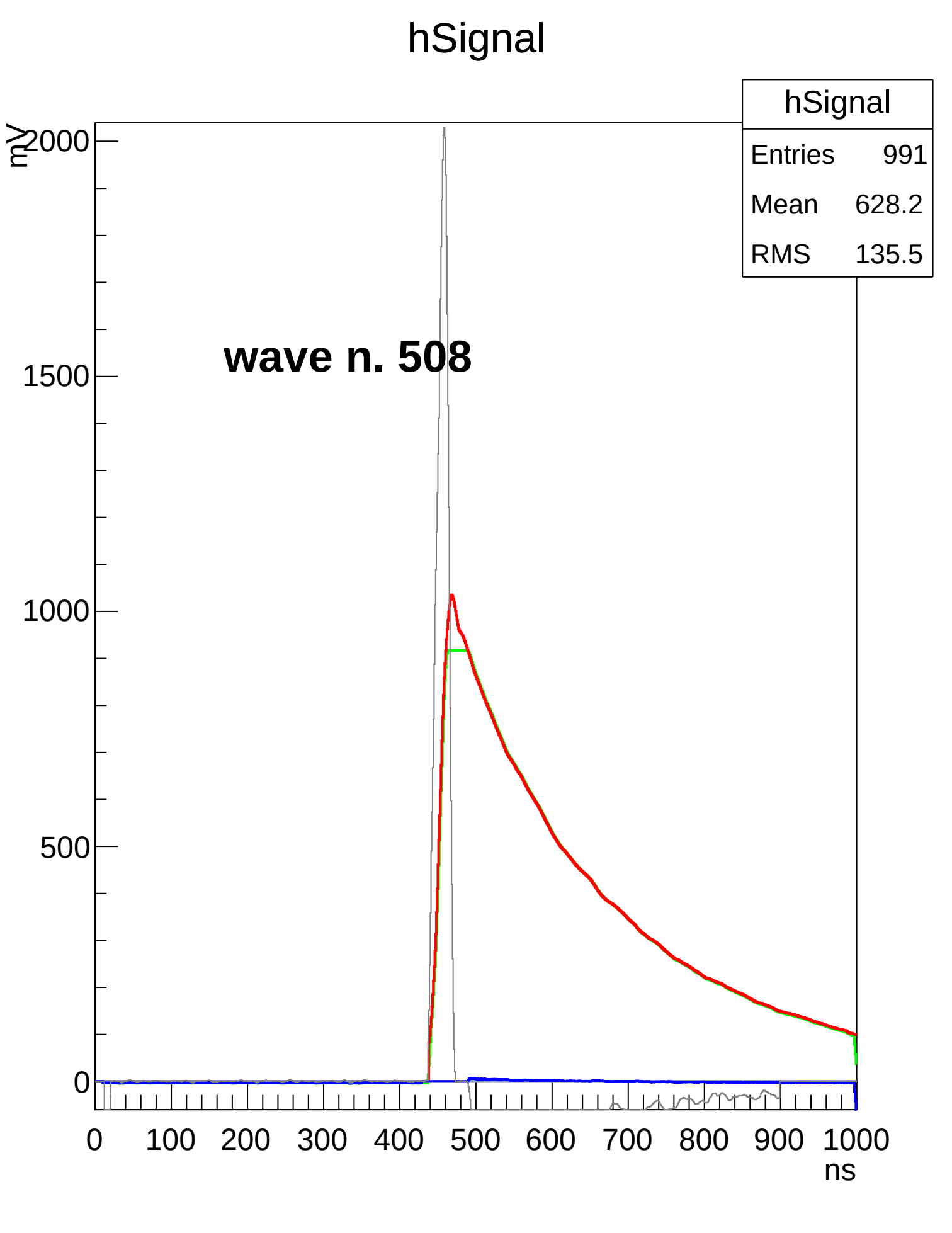

hSignal
hSignal
Entries 991
Mean 518.9
RMS 193.8
wave n. 503
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 559.6
RMS 151.1
wave n. 504
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 474
RMS 167.9
wave n. 505
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 582.2
RMS 146.5
wave n. 506
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 440.4
RMS 172.9
wave n. 507
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 628.2
RMS 135.5
wave n. 508
mV
2000
1500
1000
500
0
0
100
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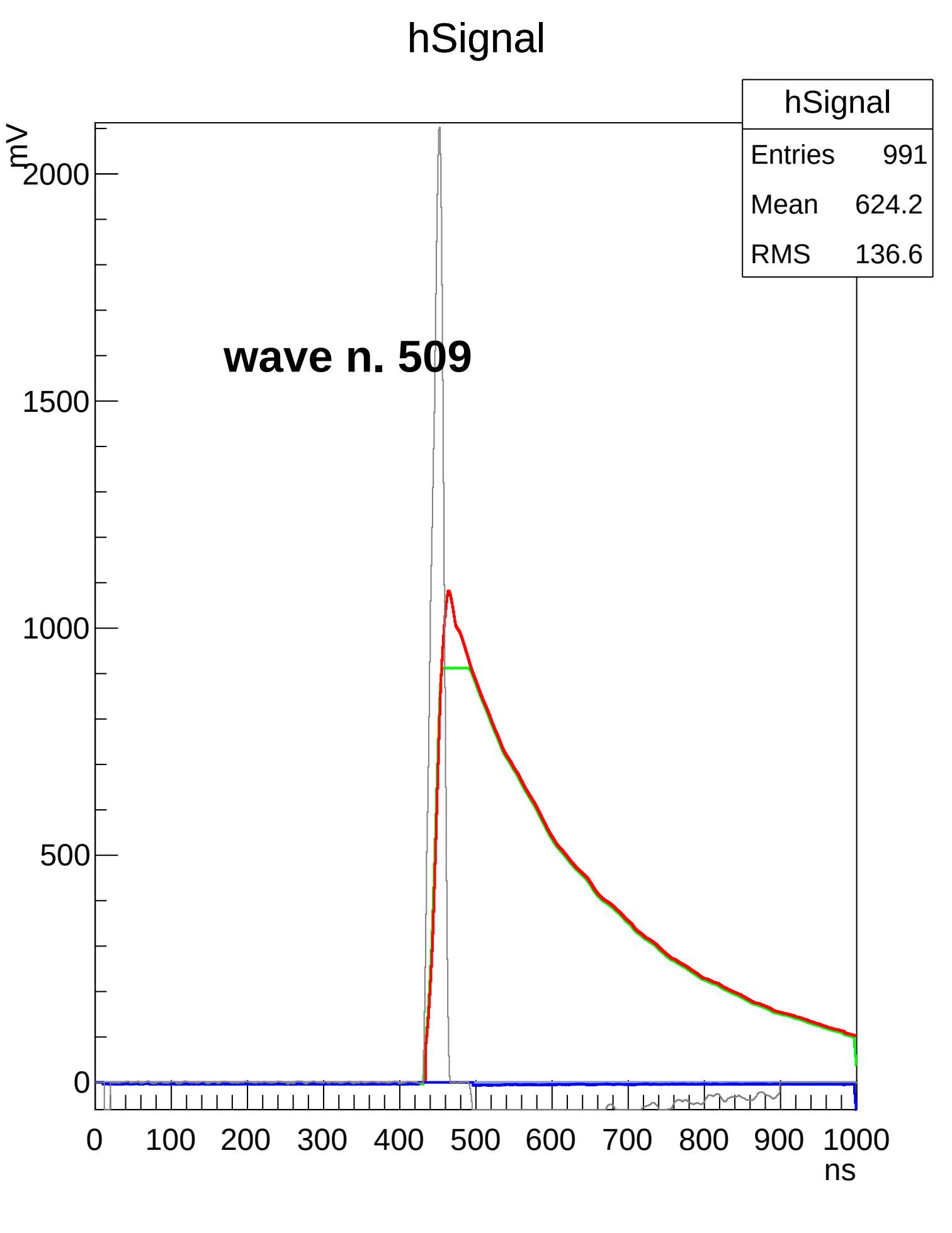
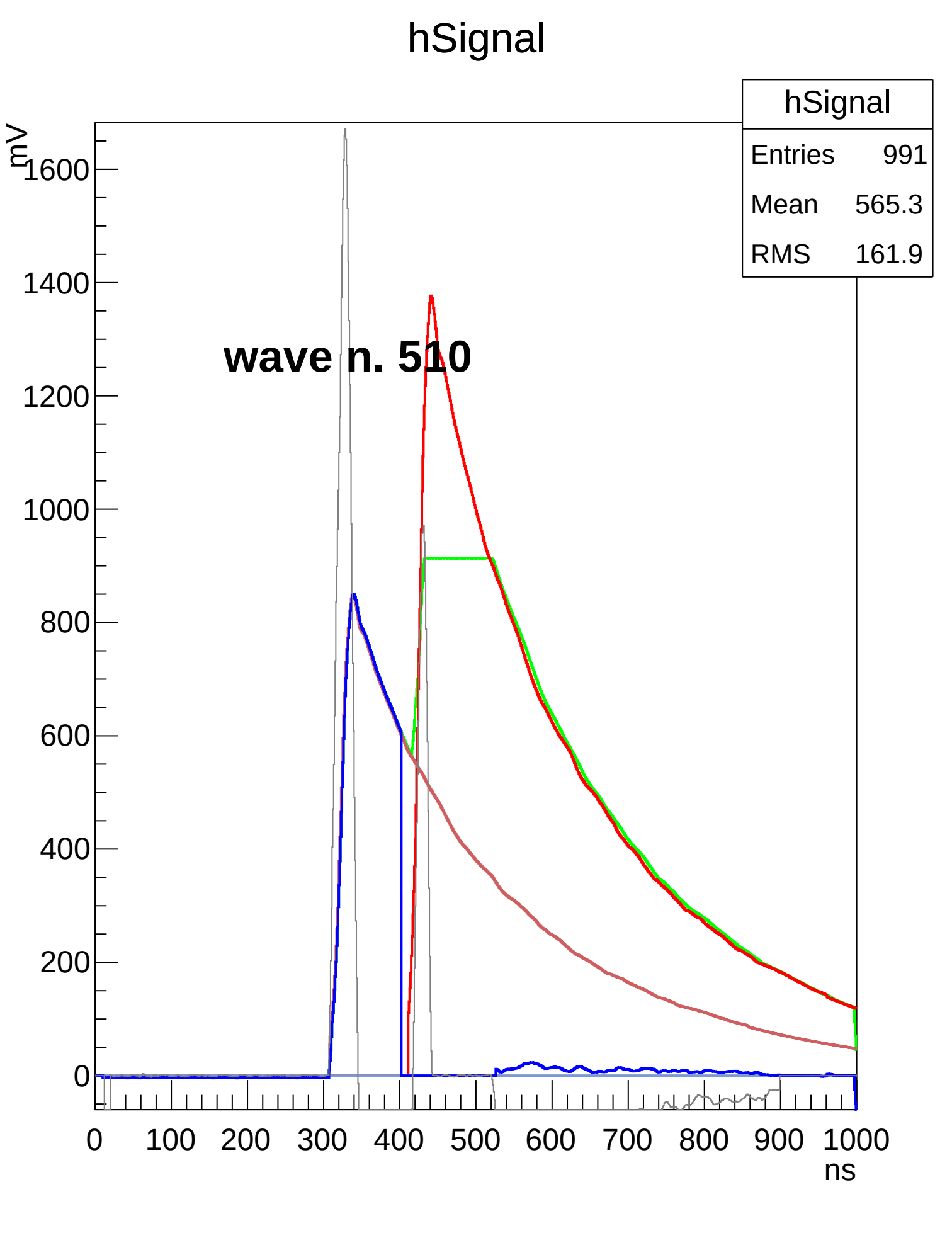
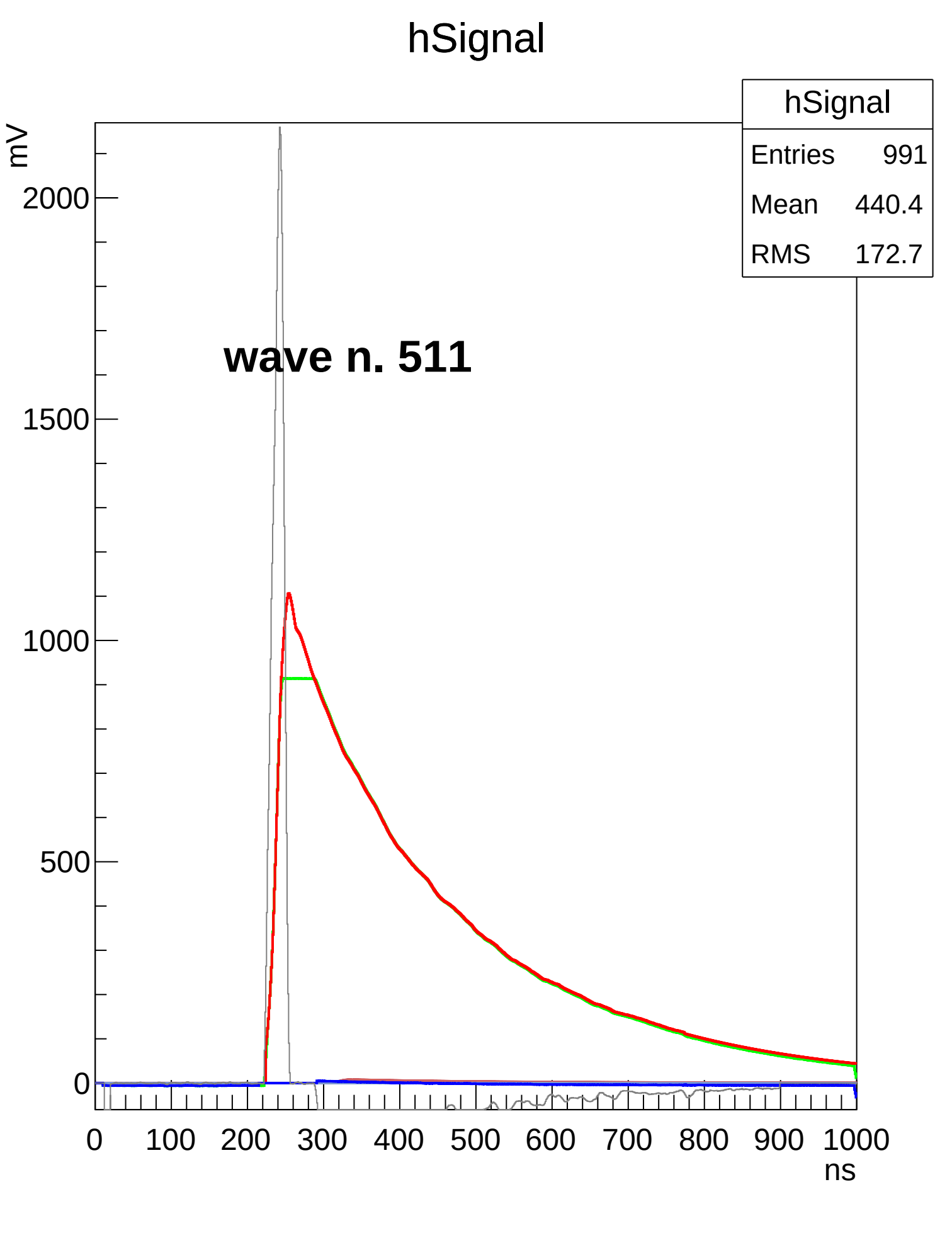
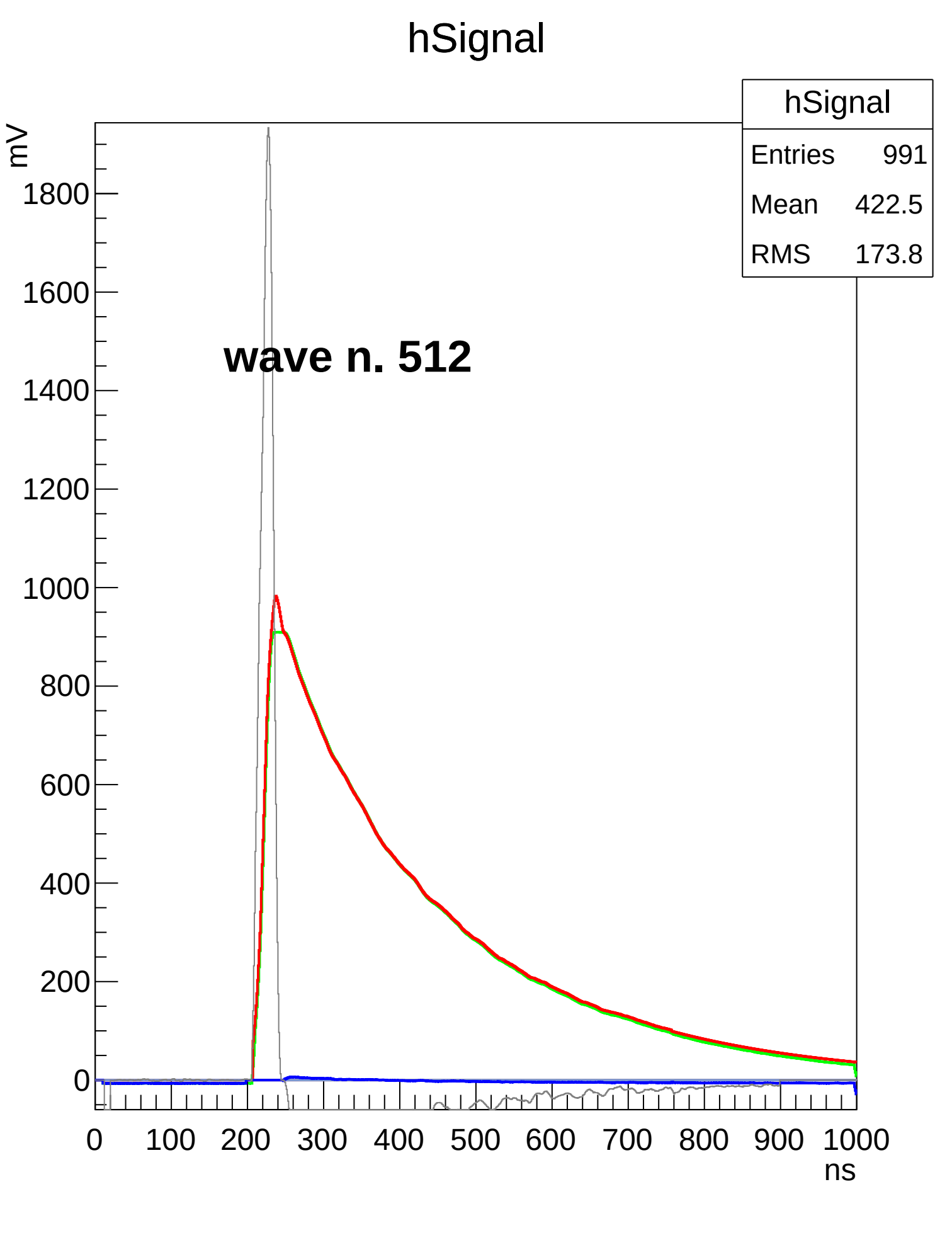
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 624.2
RMS 136.6
wave n. 509
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 565.3
RMS 161.9
wave n. 510
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 440.4
RMS 172.7
wave n. 511
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 422.5
RMS 173.8
wave n. 512
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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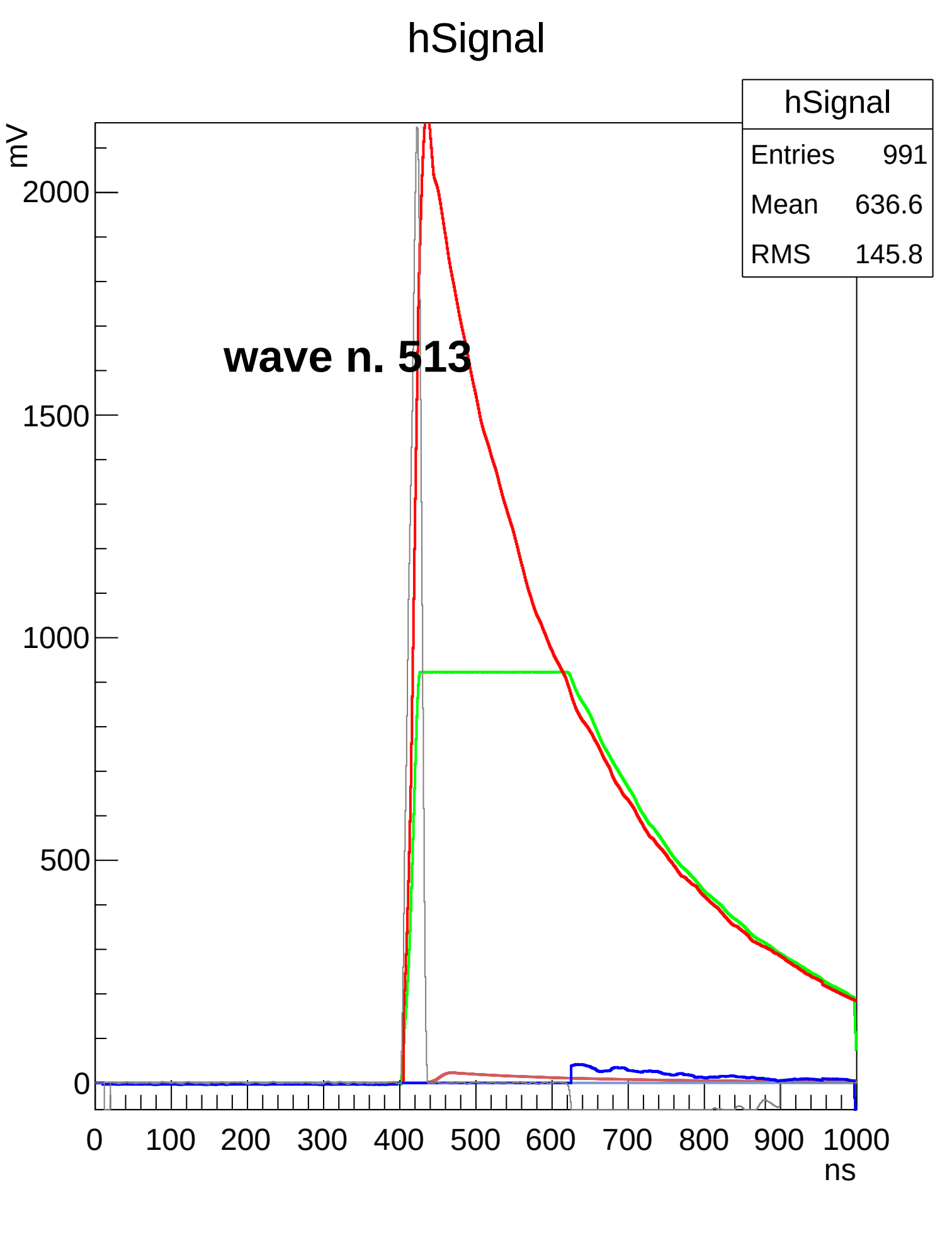
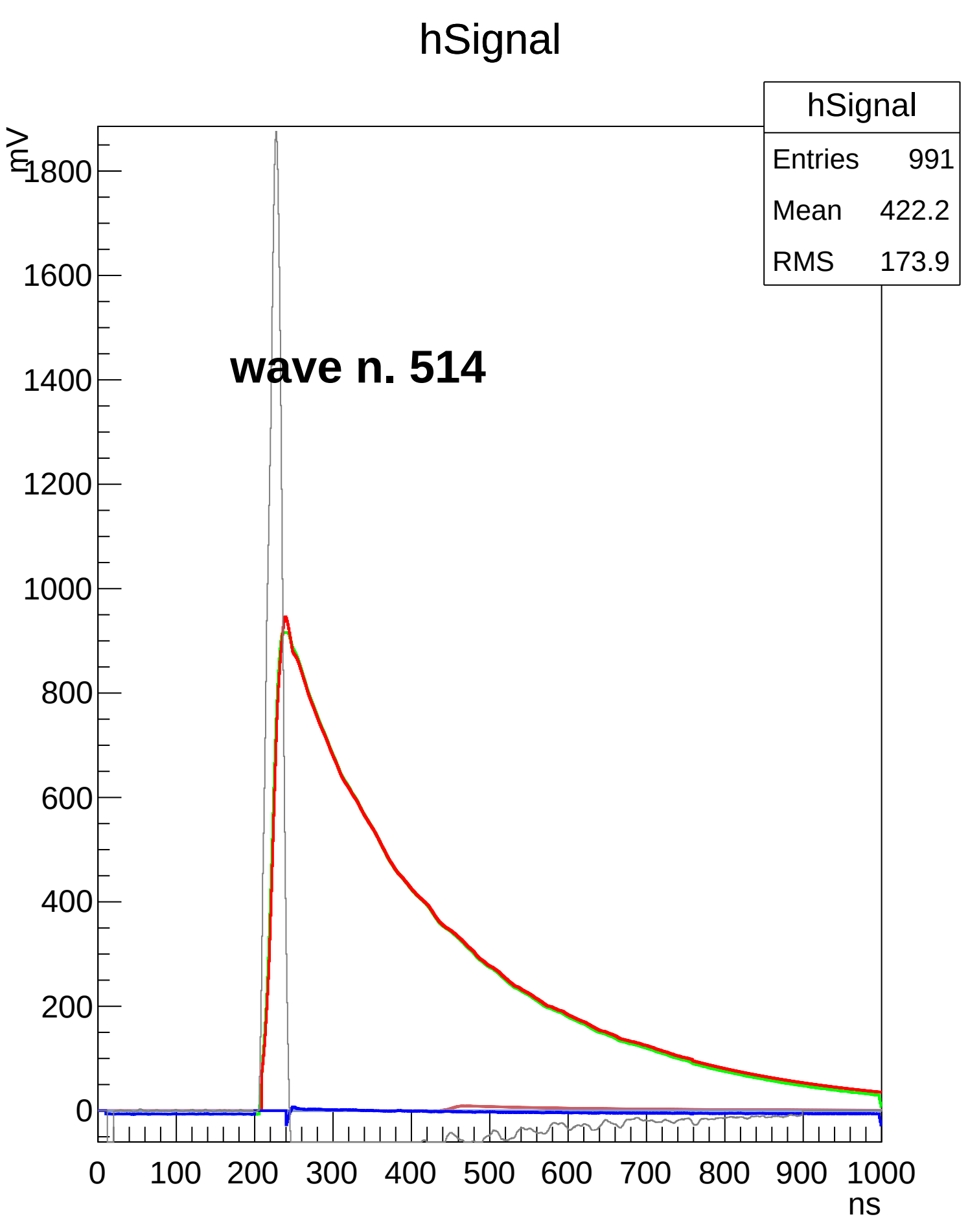
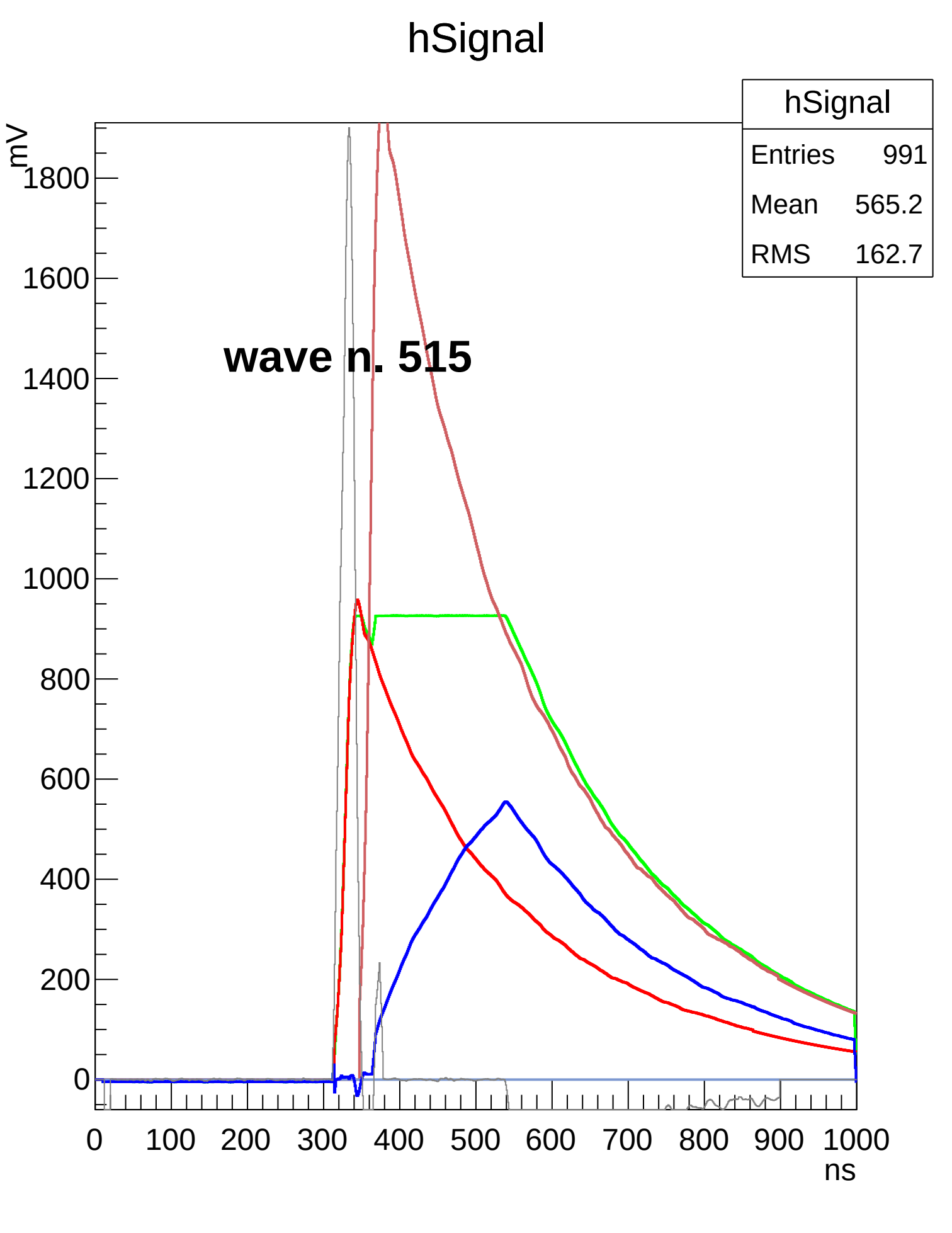
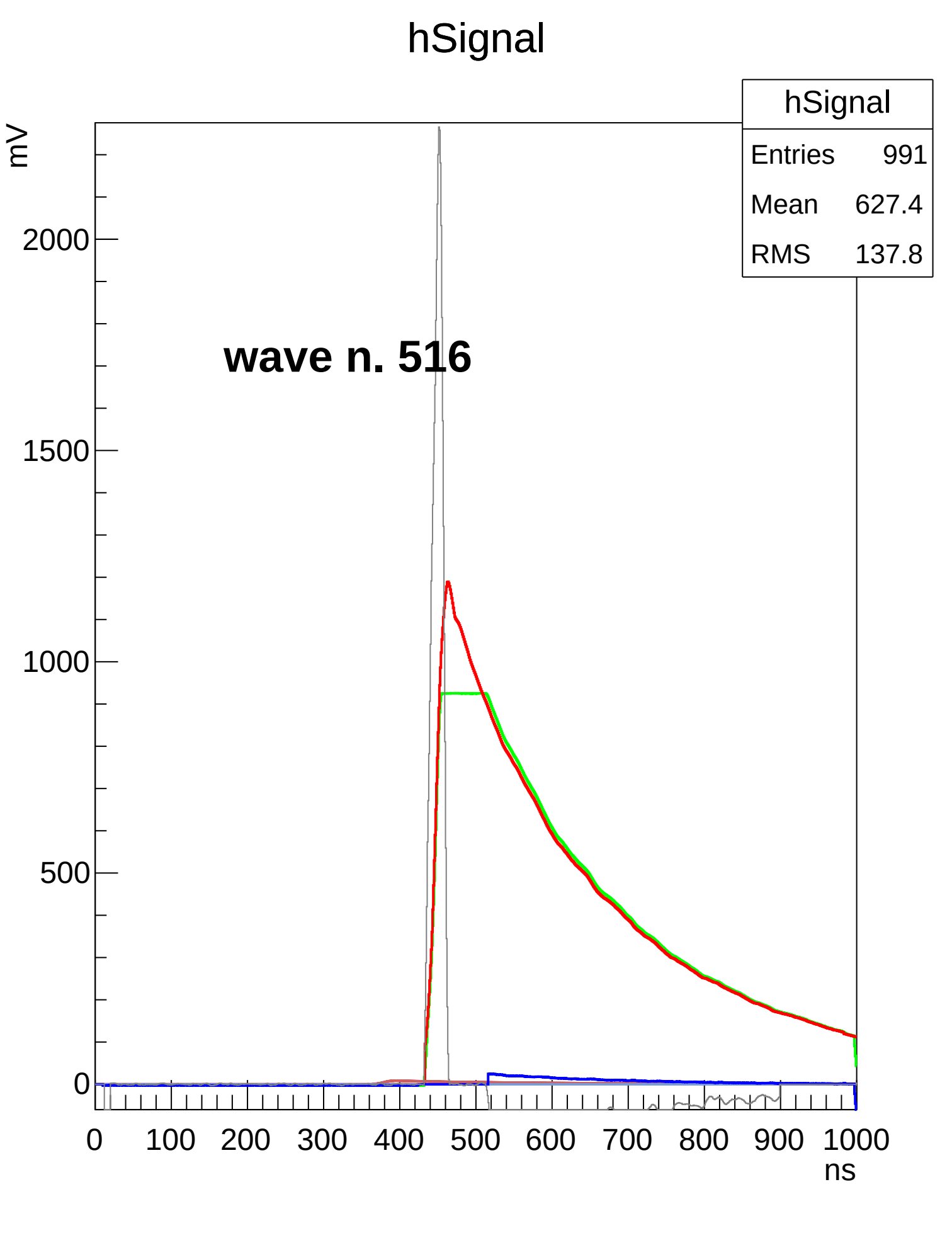
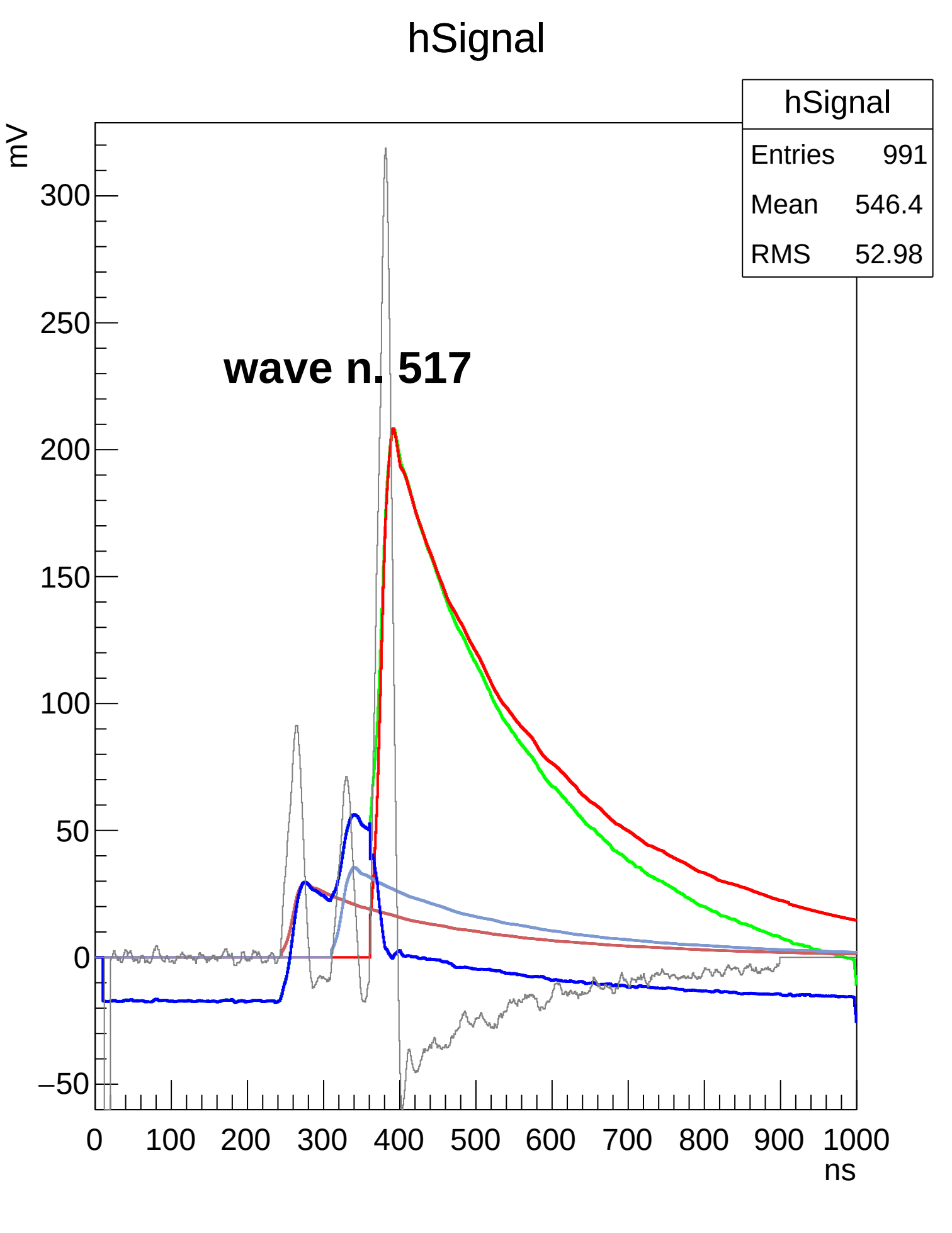
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 636.6
RMS 145.8
wave n. 513
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 422.2
RMS 173.9
wave n. 514
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.2
RMS 162.7
wave n. 515
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 627.4
RMS 137.8
wave n. 516
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 546.4
RMS 52.98
wave n. 517
mV
300
250
200
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100
50
0
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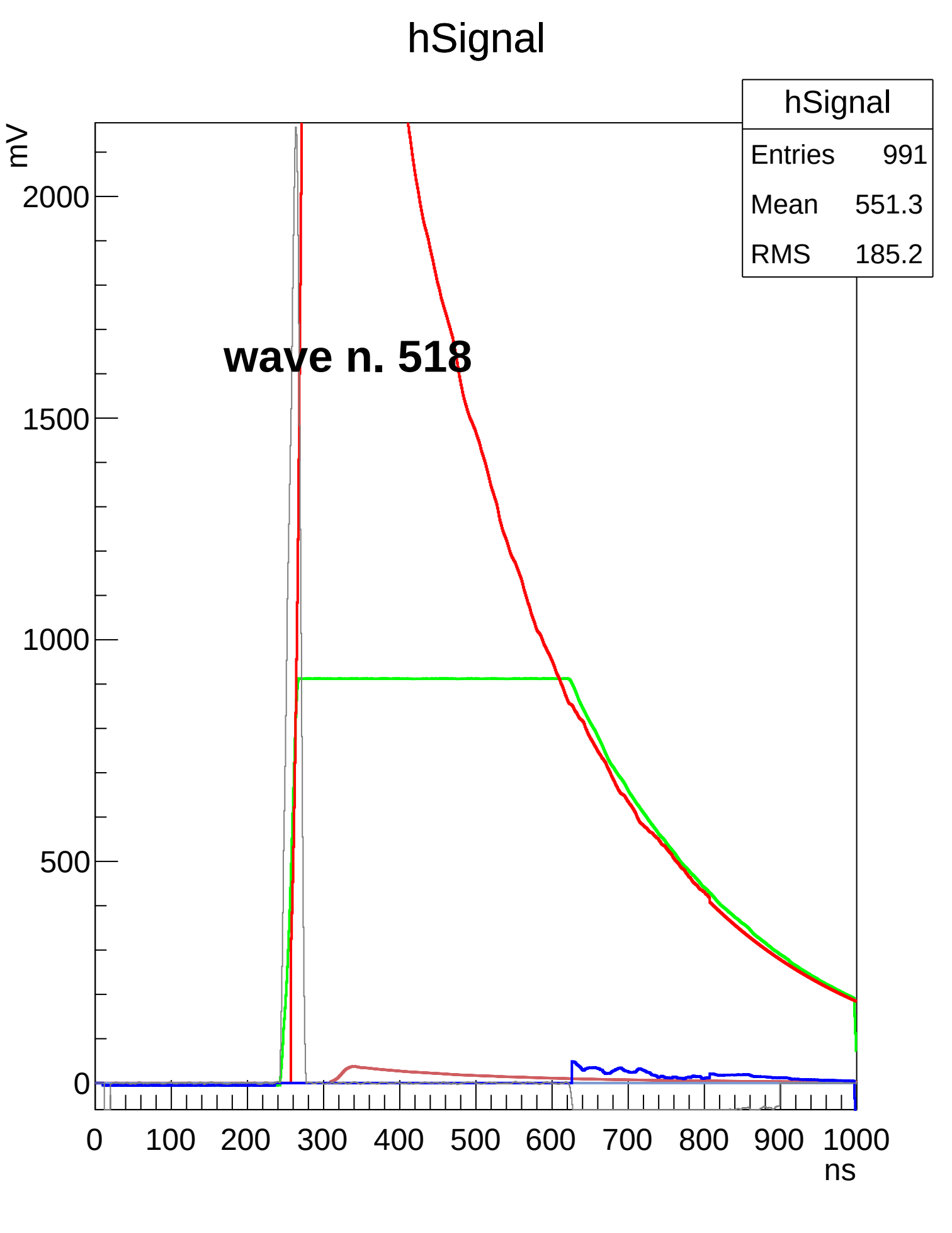
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 551.3
RMS 185.2
wave n. 518
mV
2000
1500
1000
500
0
0
100
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400
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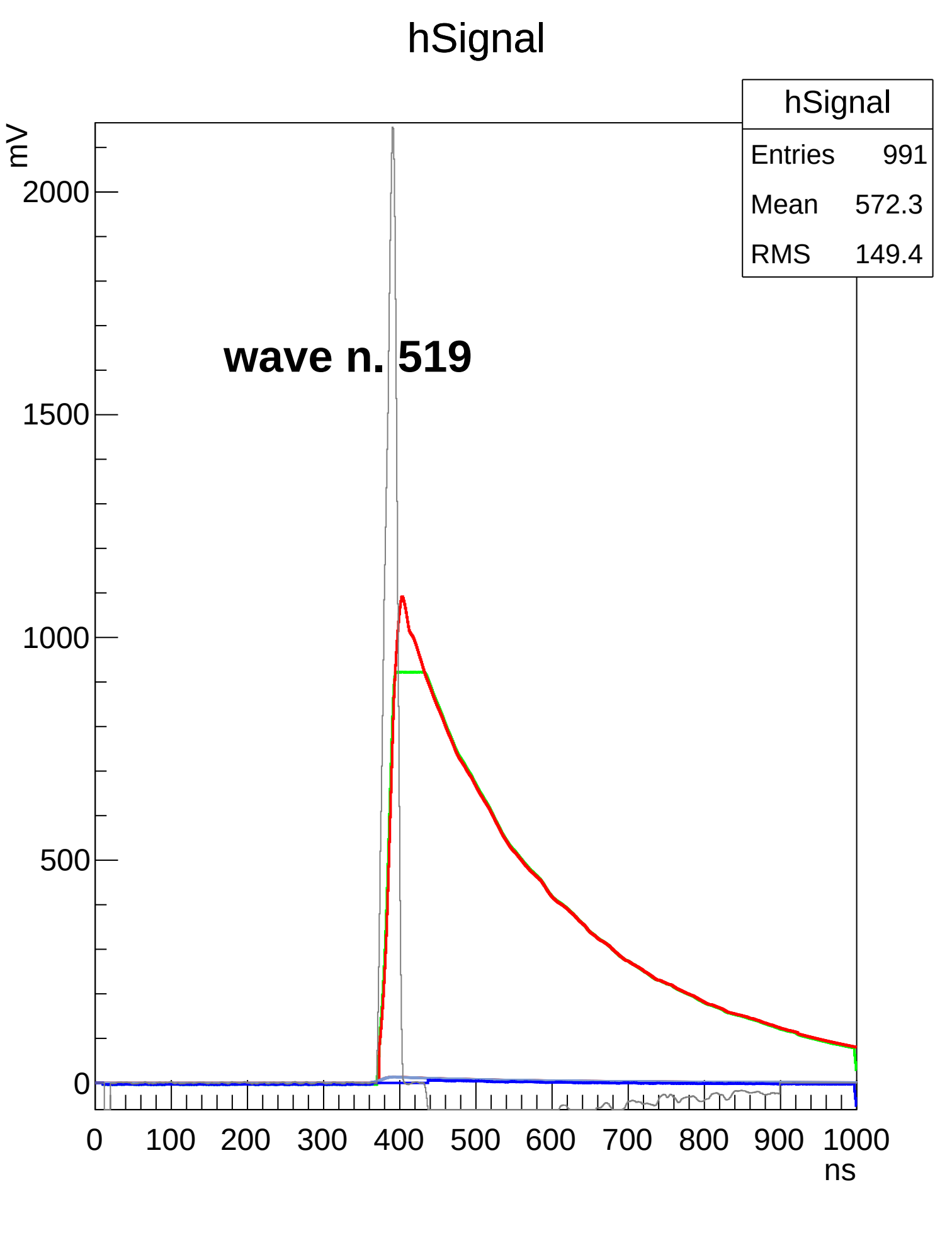
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 572.3
RMS 149.4
wave n. 519
mV
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1500
1000
500
0
0
100
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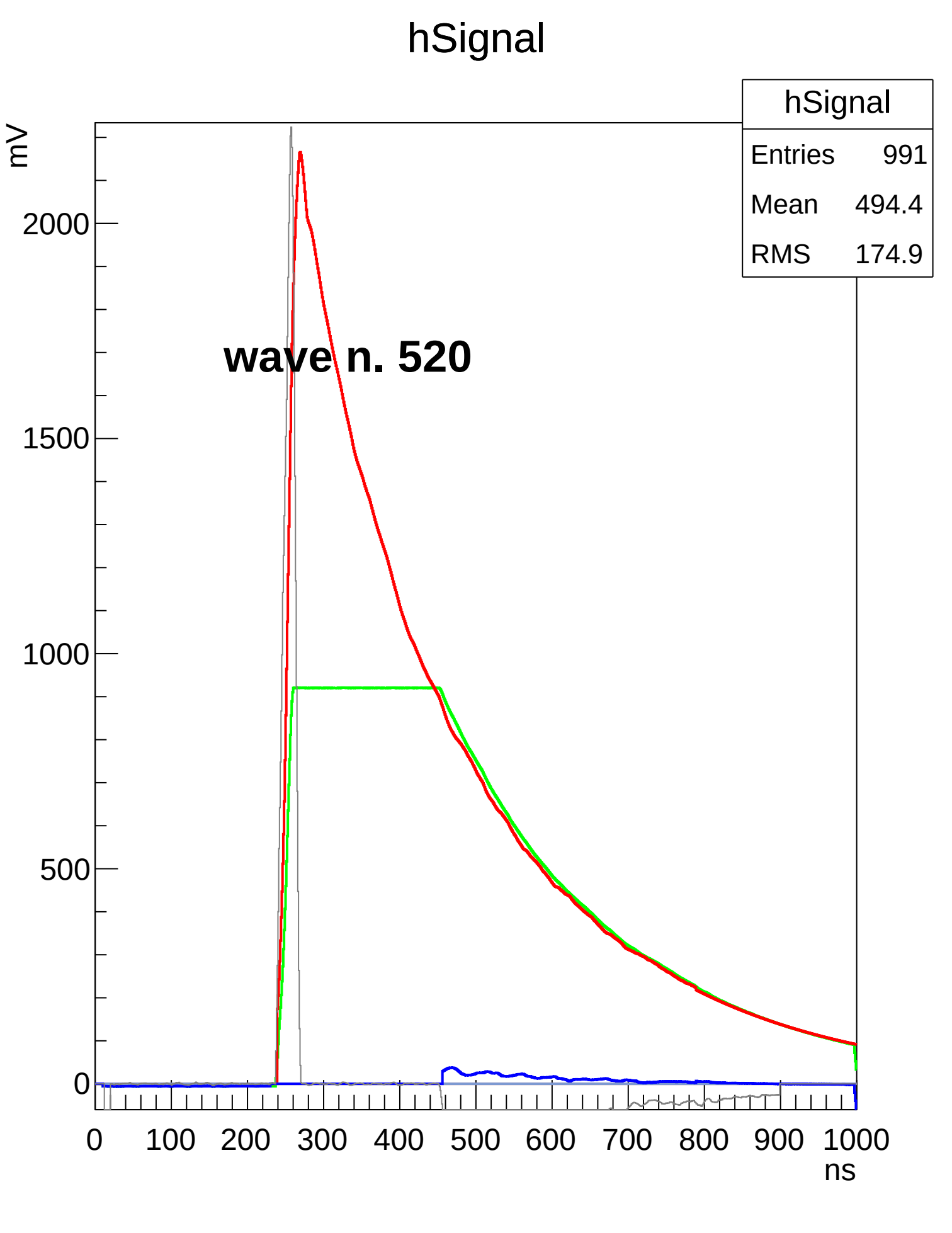
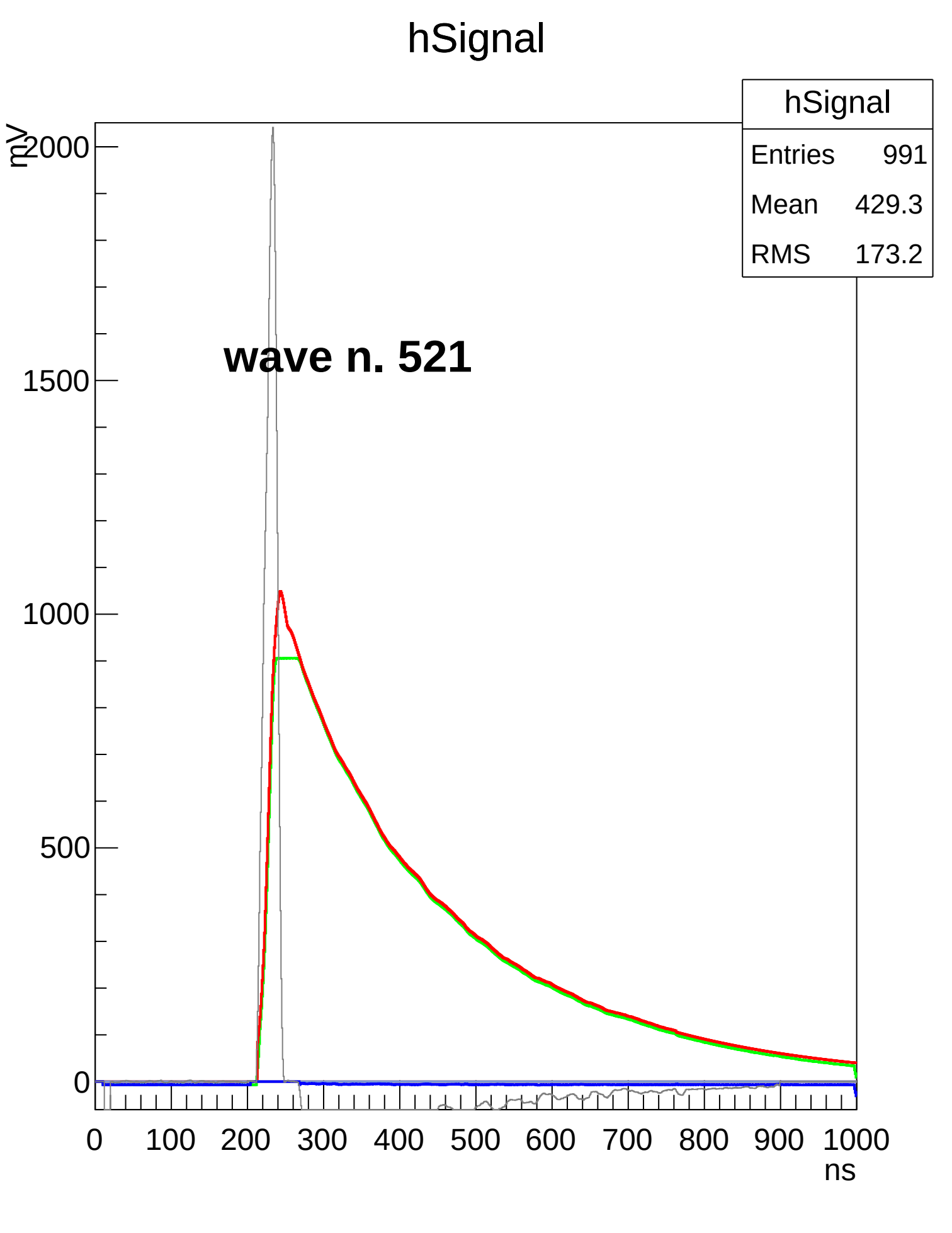
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 494.4
RMS 174.9
wave n. 520
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 429.3
RMS 173.2
wave n. 521
mV
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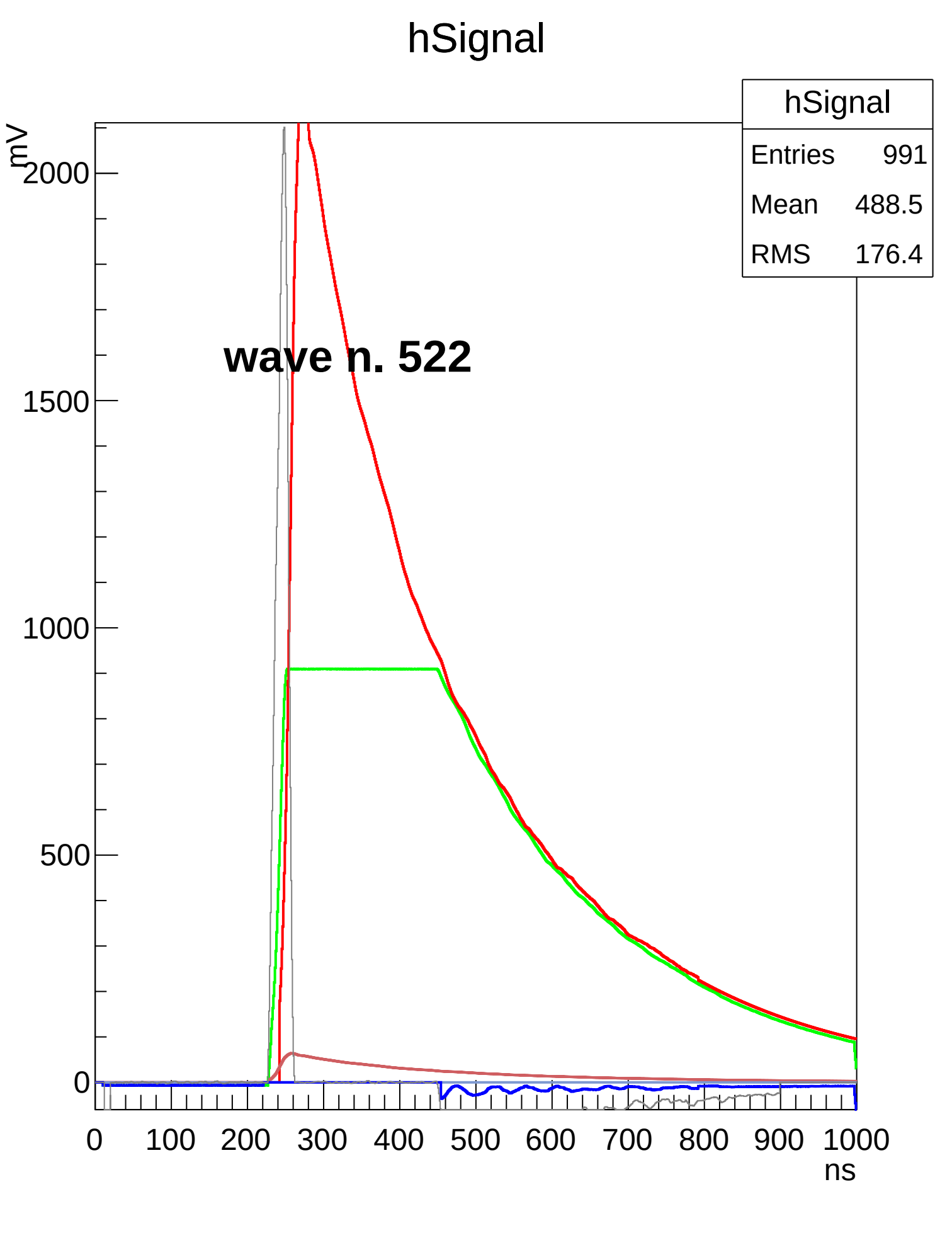
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 488.5
RMS 176.4
wave n. 522
mV
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1500
1000
500
0
0
100
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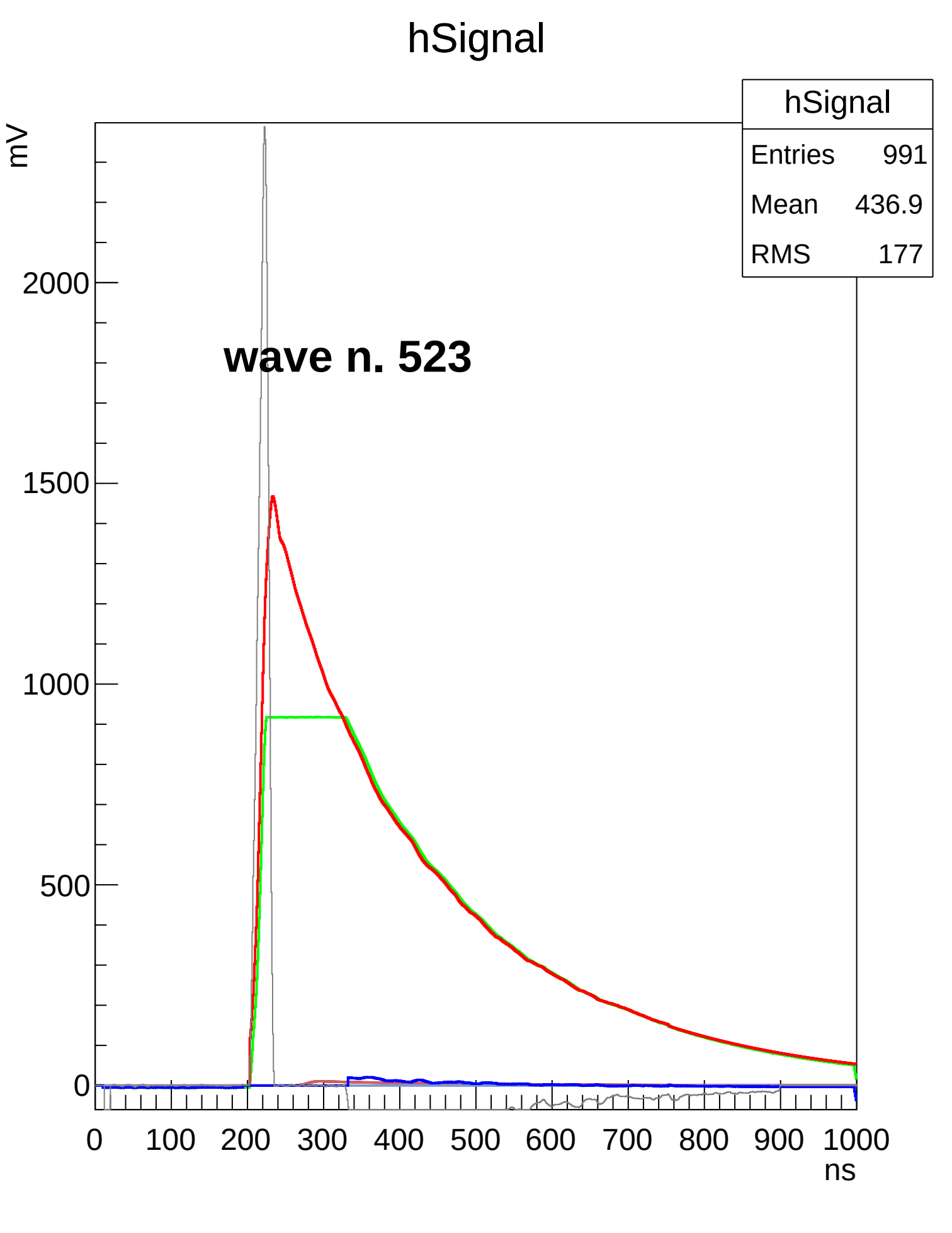
800
900
1000
ns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hSignal
Entries 991
Mean 436.9
RMS 177
wave n. 523
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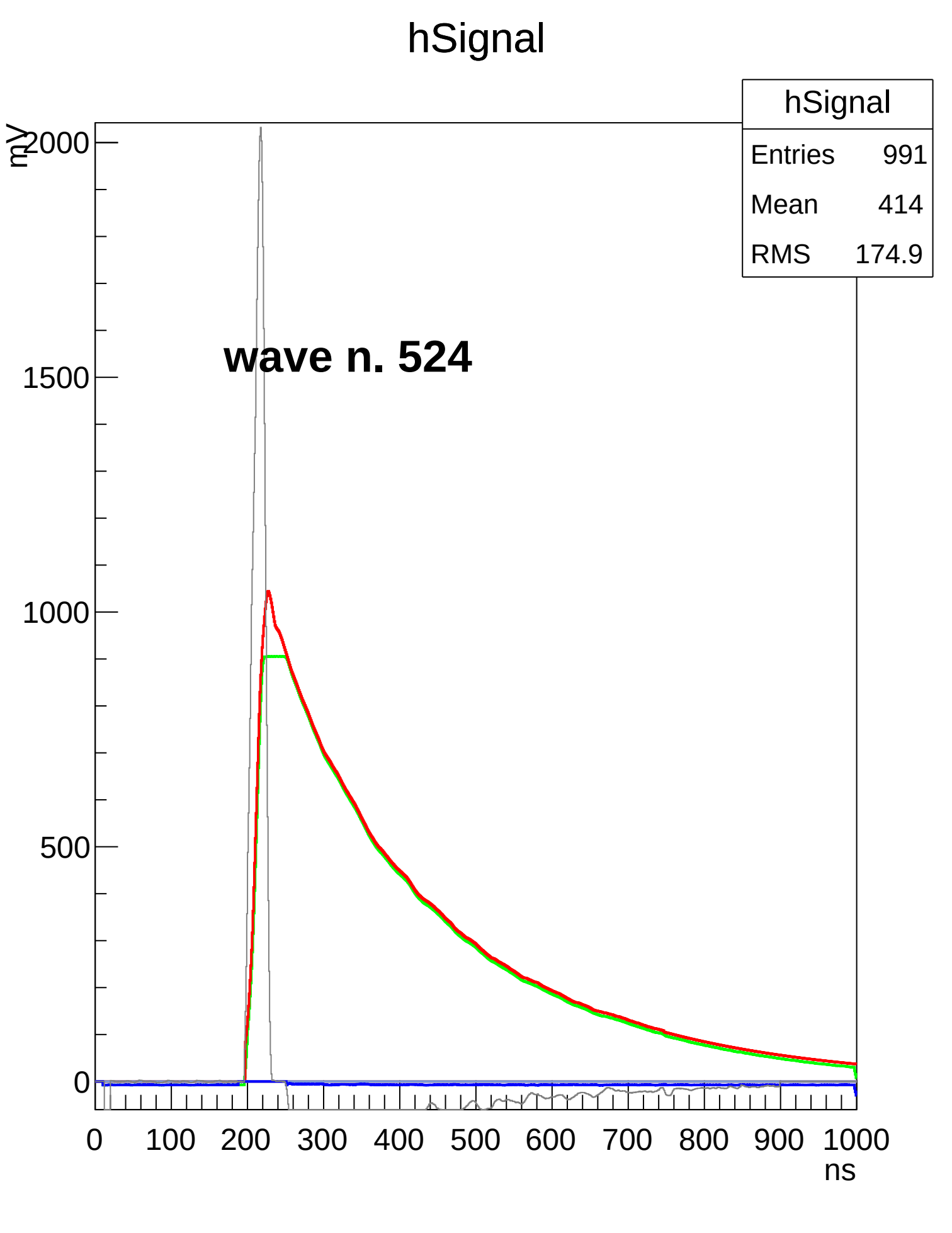
800
900
1000
ns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hSignal
Entries 991
Mean 414
RMS 174.9
wave n. 524
mV
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1500
1000
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0
0
100
200
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400
500
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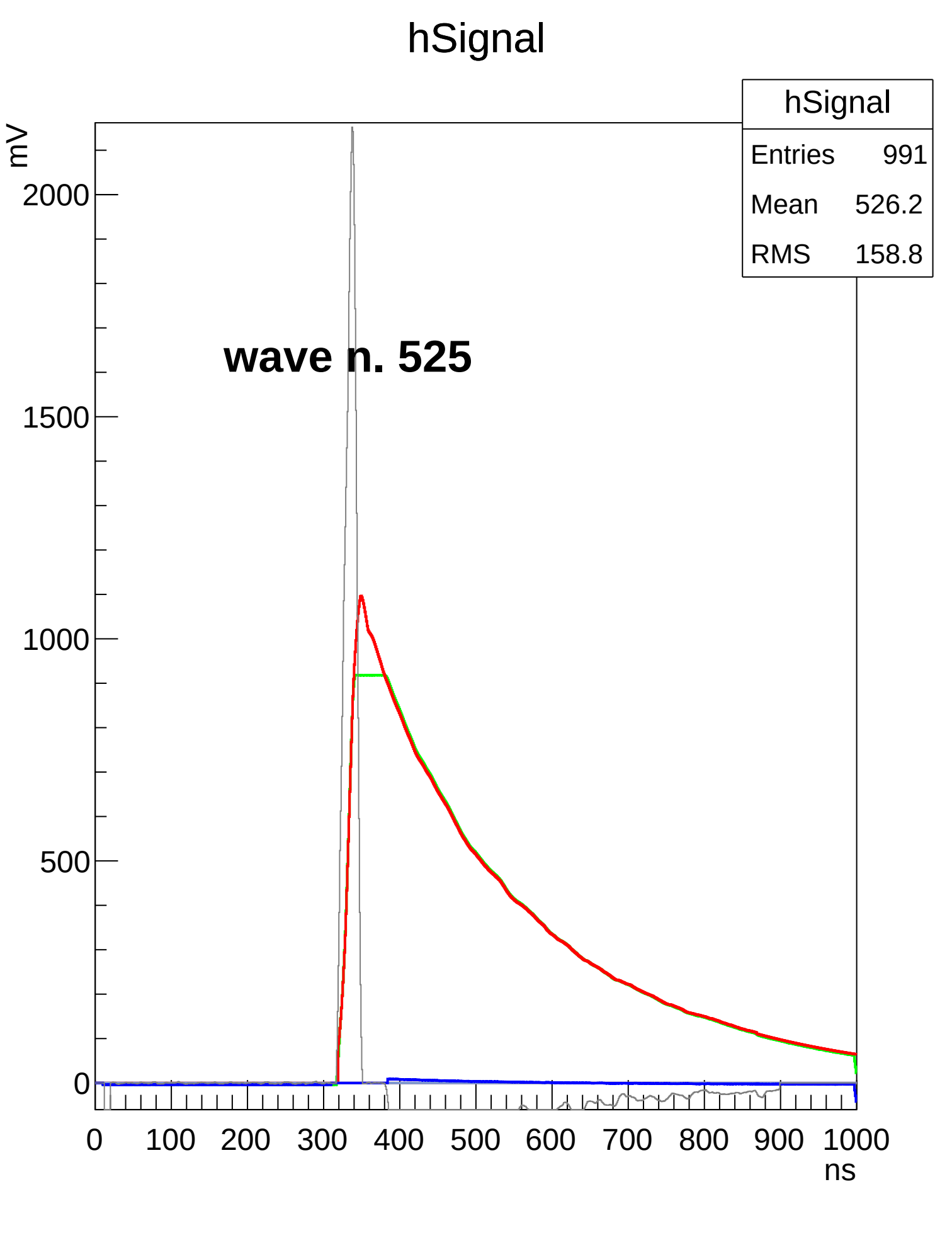
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 526.2
RMS 158.8
wave n. 525
mV
2000
1500
1000
500
0
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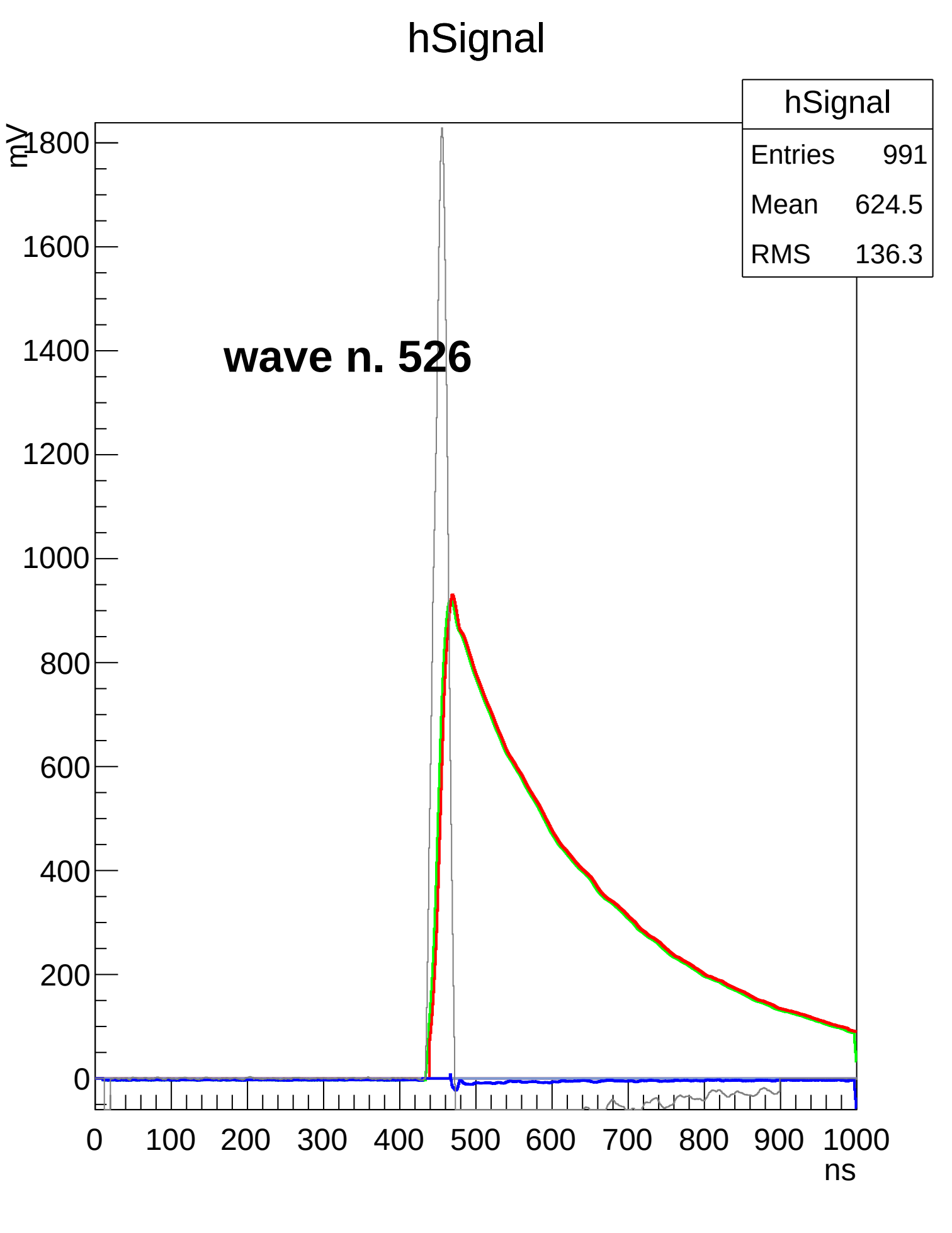
ns


hSignal
hSignal
Entries 991
Mean 624.5
RMS 136.3
wave n. 526
mV
1800
1600
1400
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600
400
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0
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100
200
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400
500
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800
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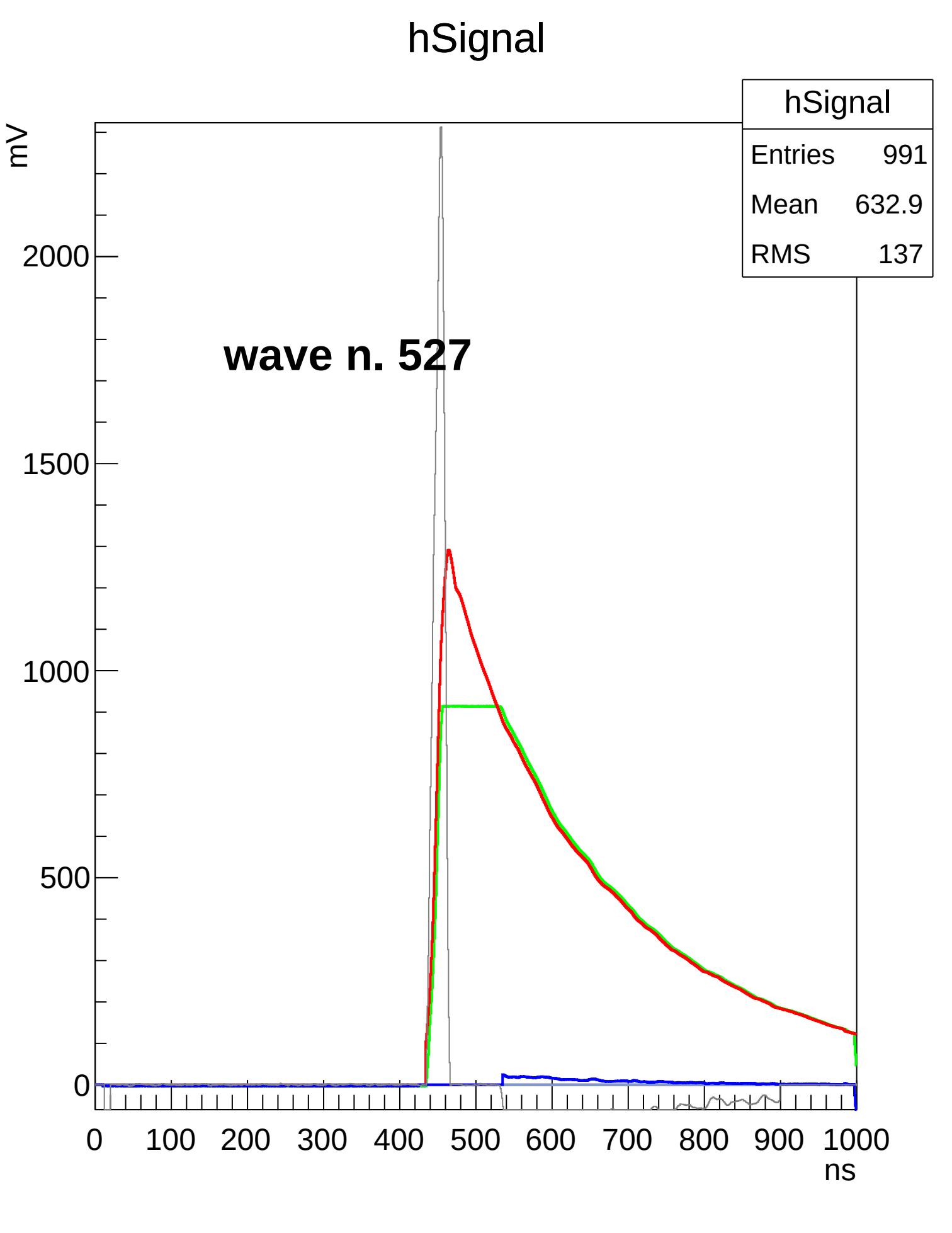
1000
ns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hSignal
Entries 991
Mean 632.9
RMS 137
wave n. 527
mV
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1000
500
0
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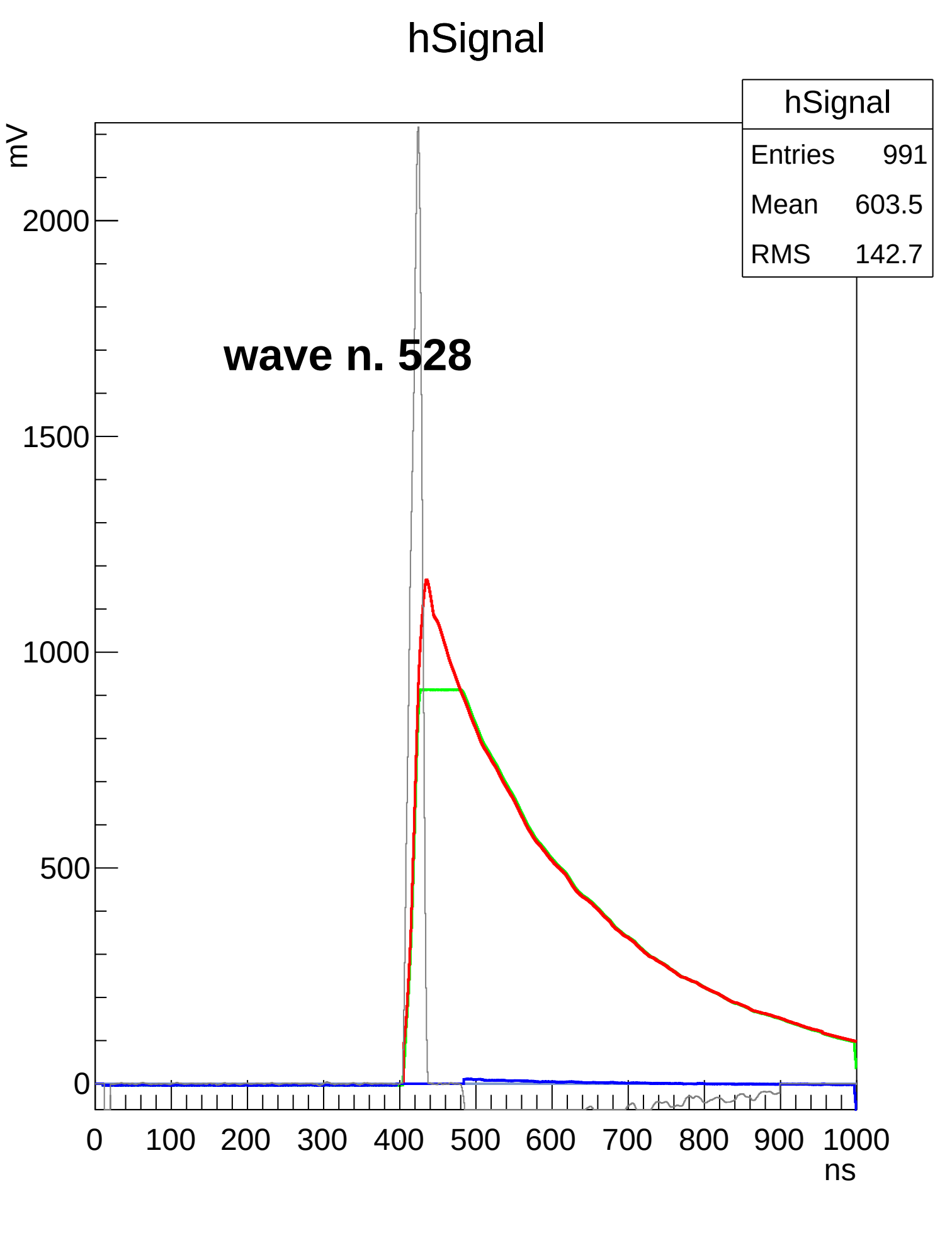
ns


hSignal
hSignal
Entries 991
Mean 603.5
RMS 142.7
wave n. 528
mV
2000
1500
1000
500
0
0
100
200
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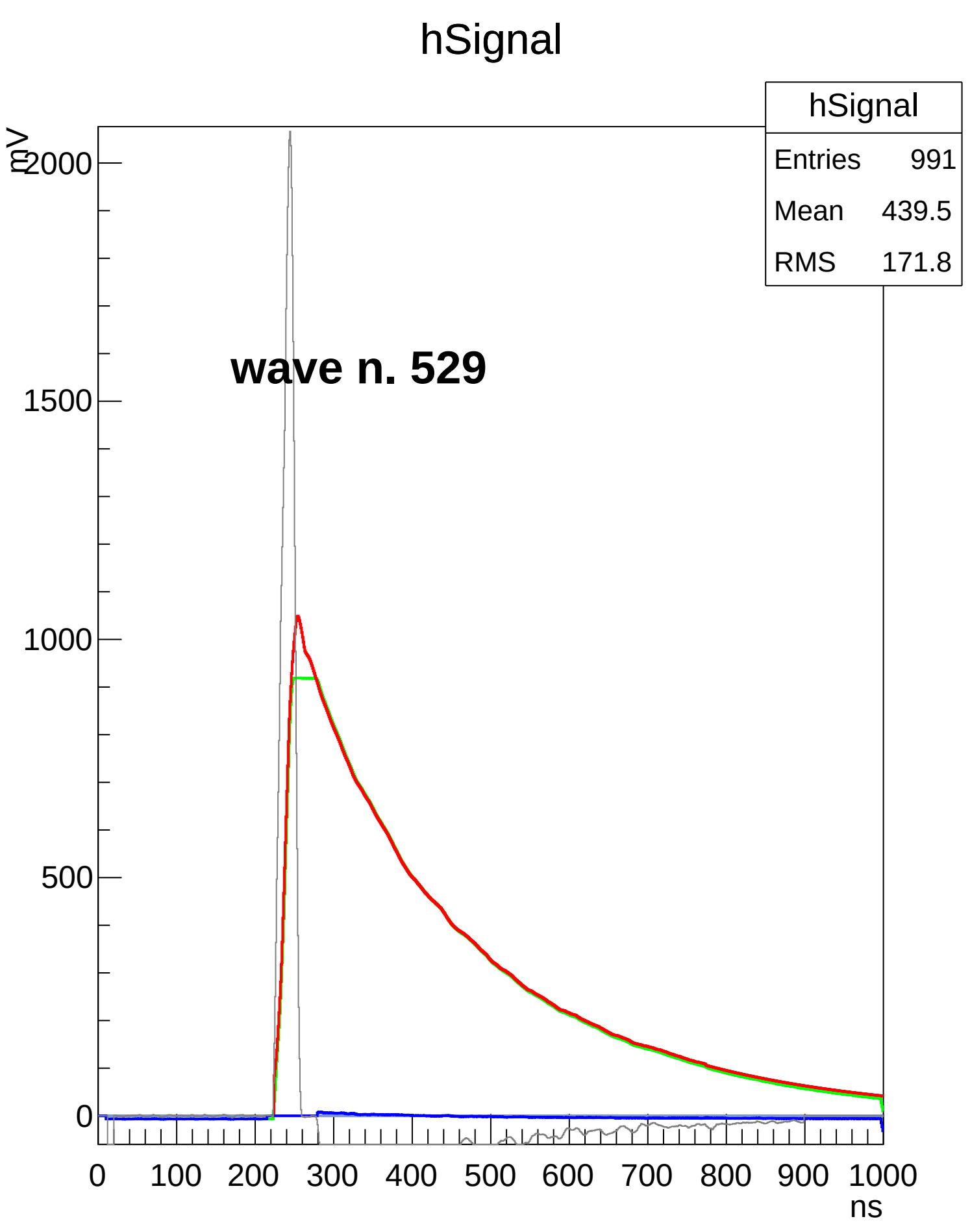
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 439.5
RMS 171.8
wave n. 529
mV
2000
1500
1000
500
0
0
100
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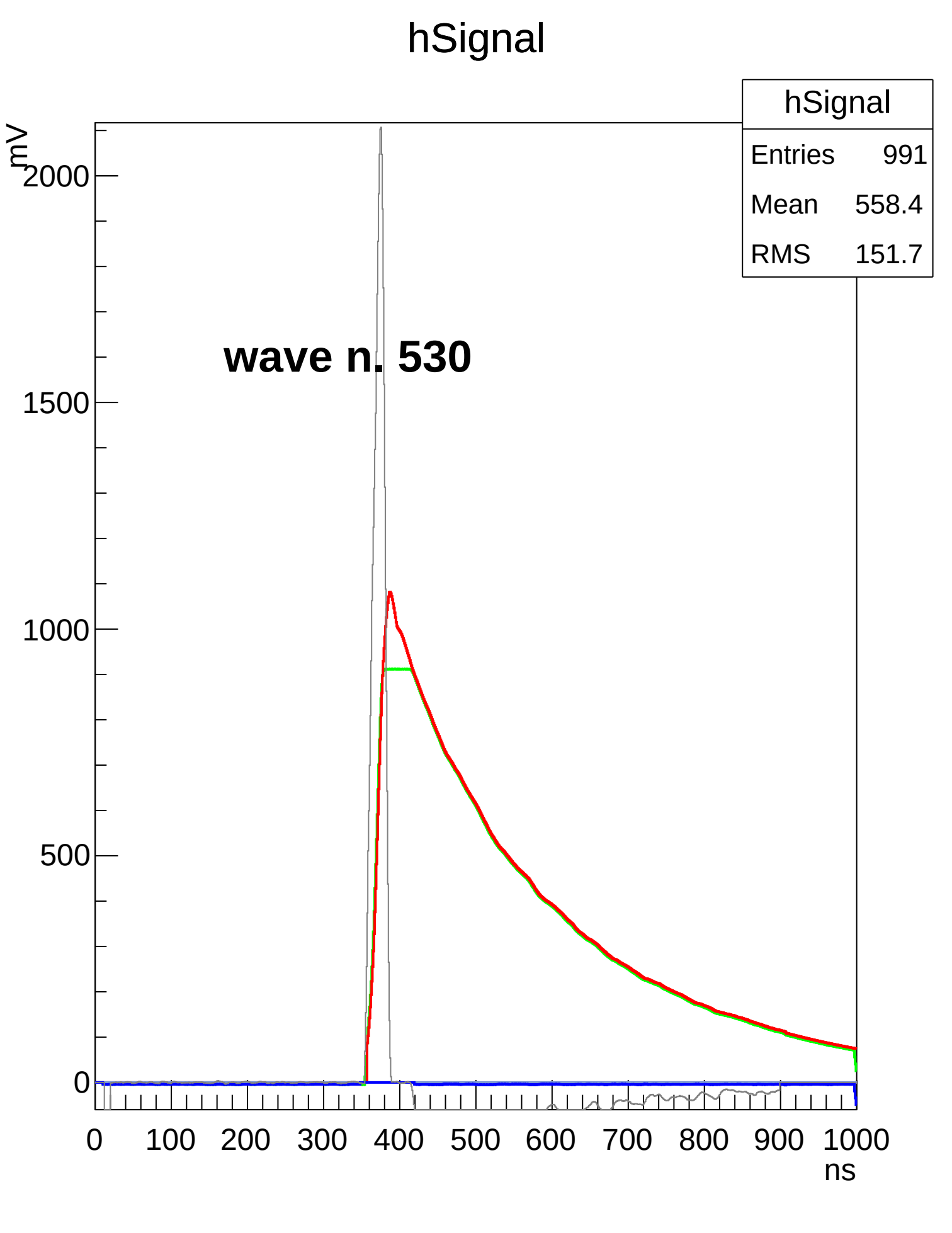
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558.4
RMS 151.7
wave n. 530
mV
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1500
1000
500
0
0
100
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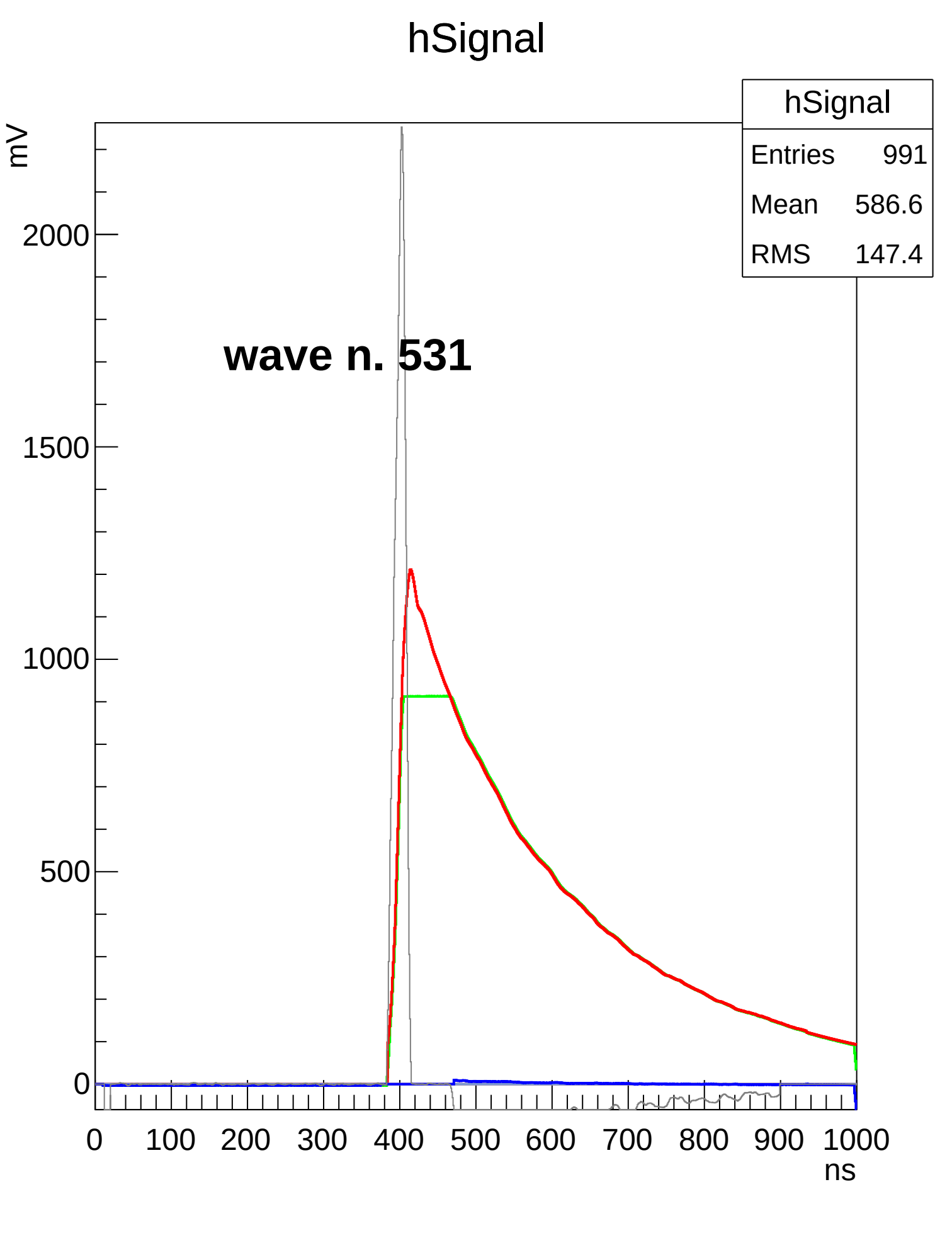
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586.6
RMS 147.4
wave n. 531
mV
2000
1500
1000
500
0
0
100
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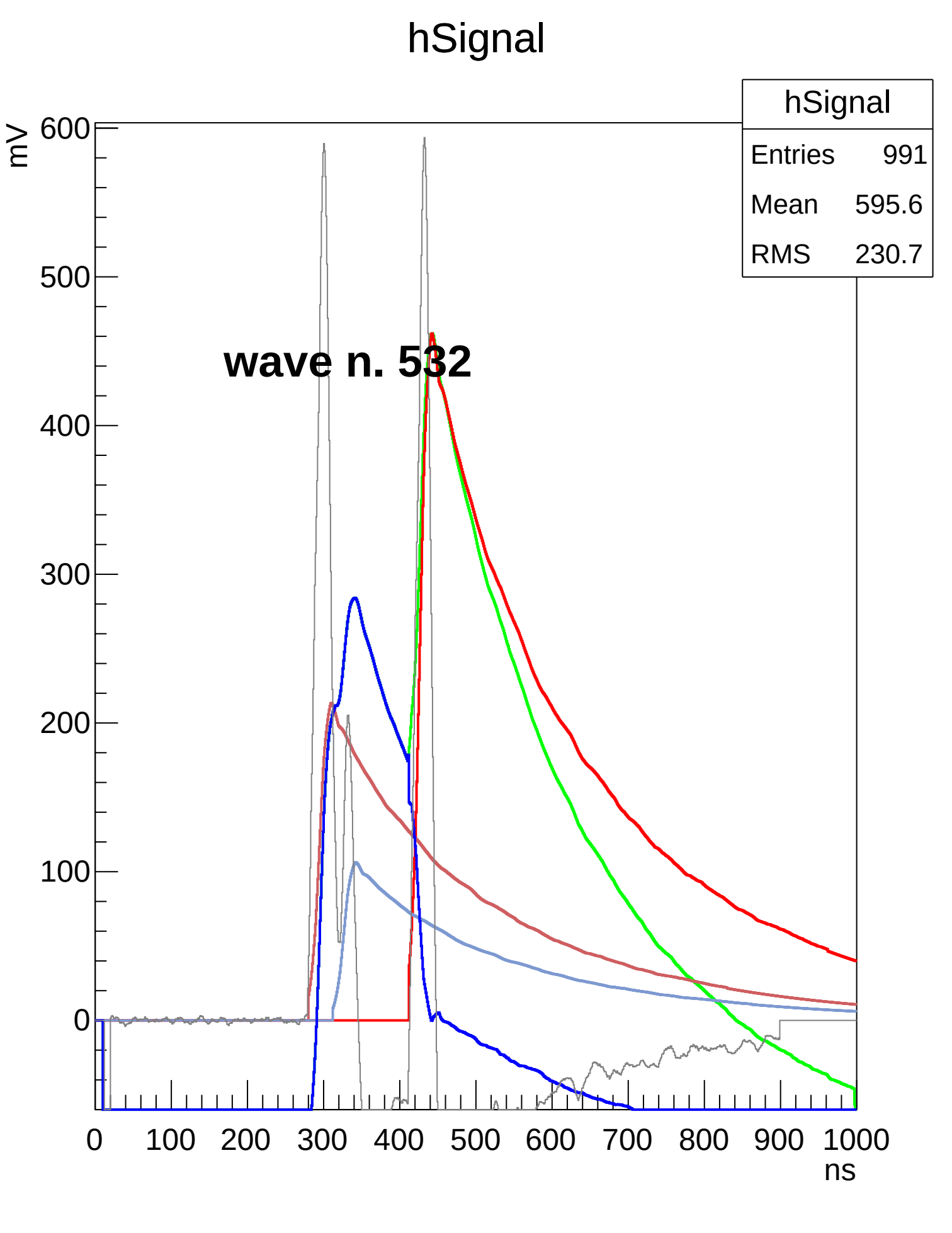
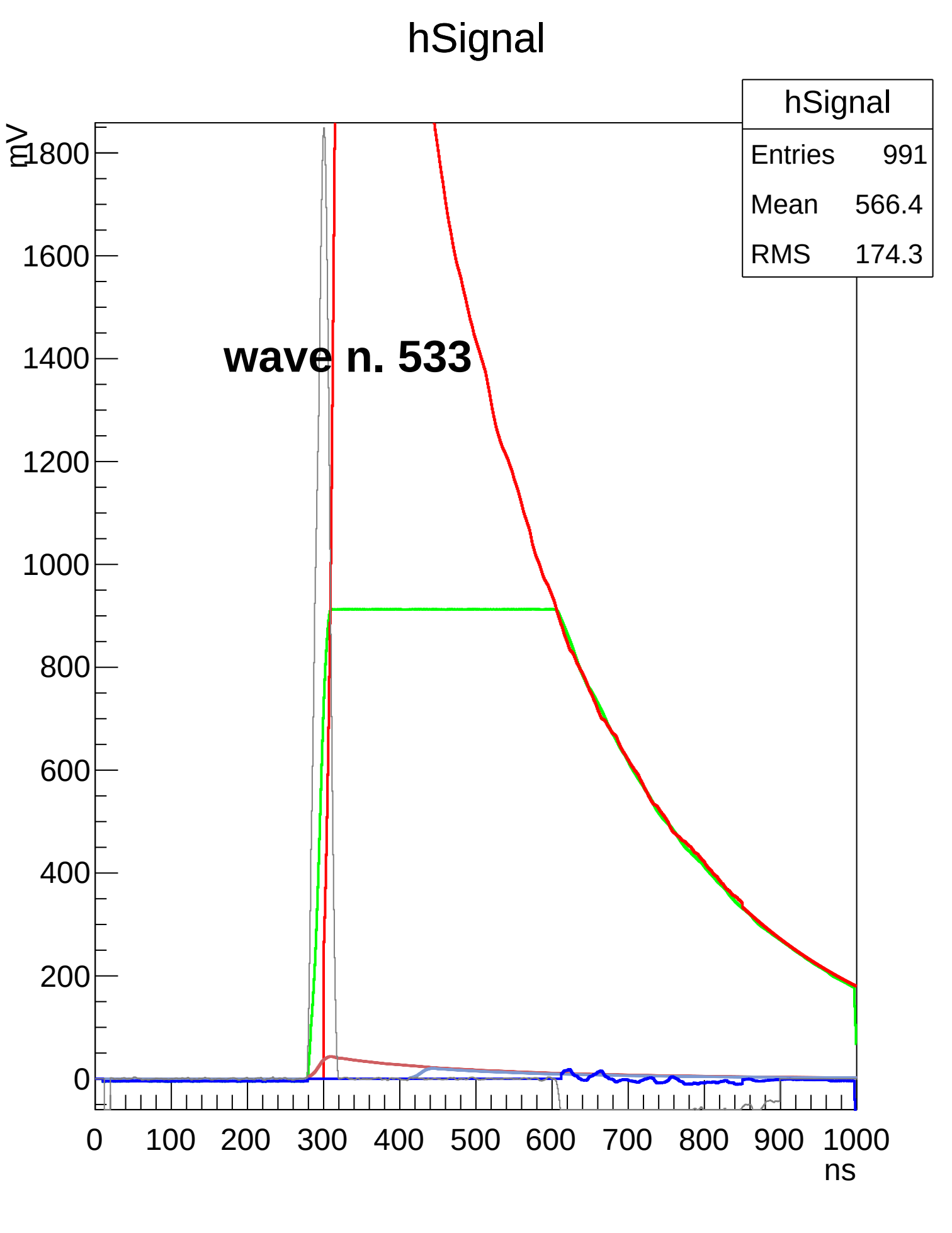
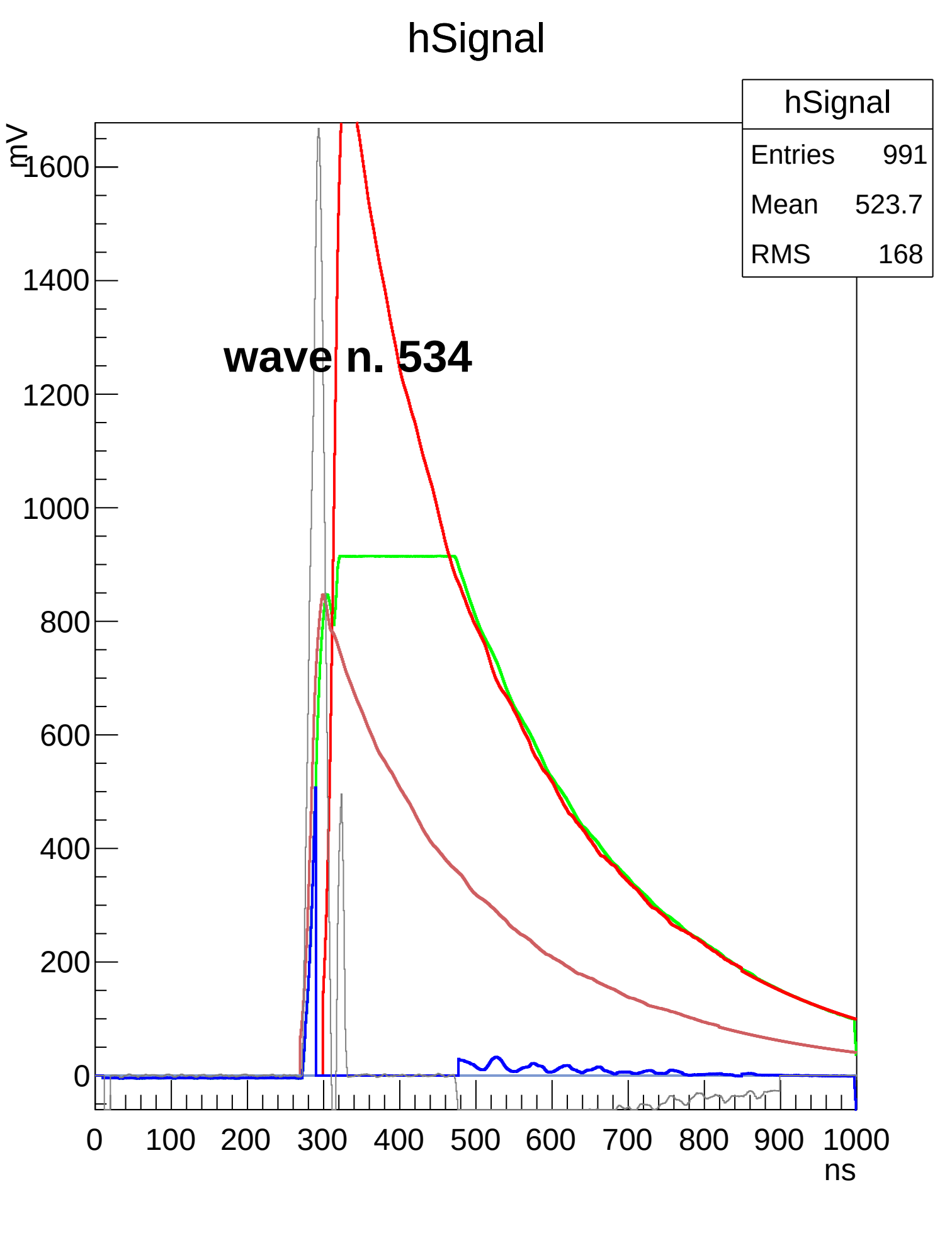
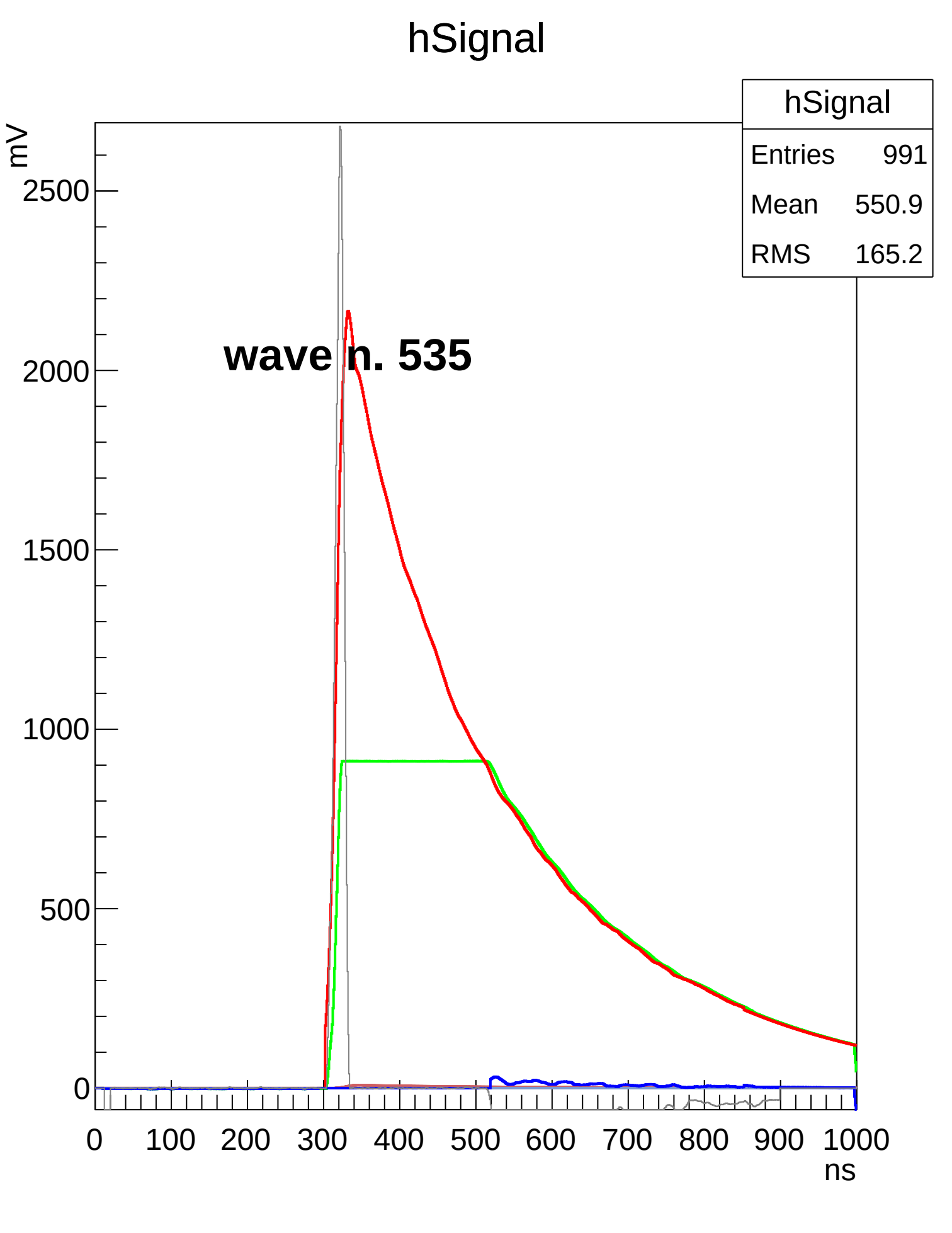
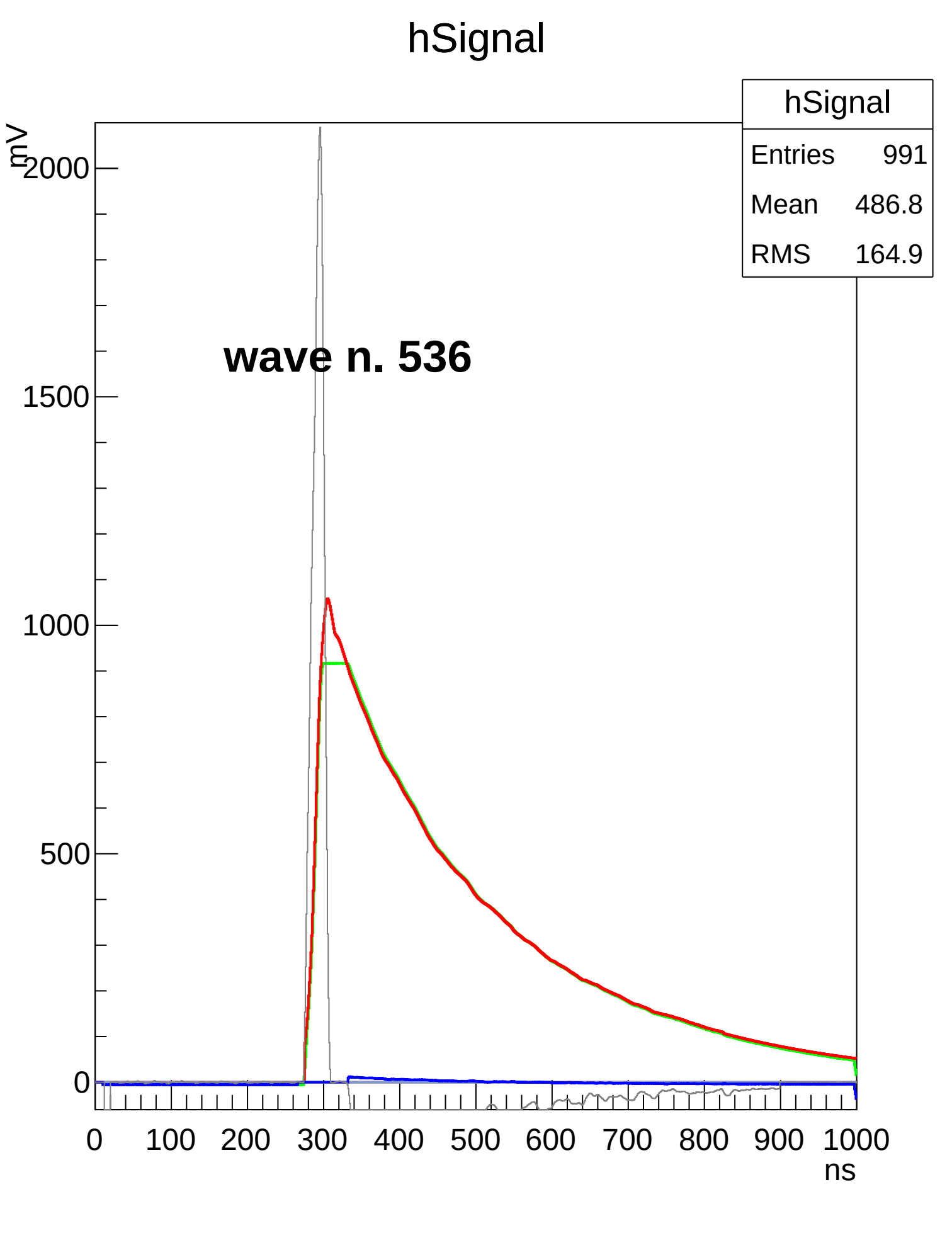
800
900
1000
ns

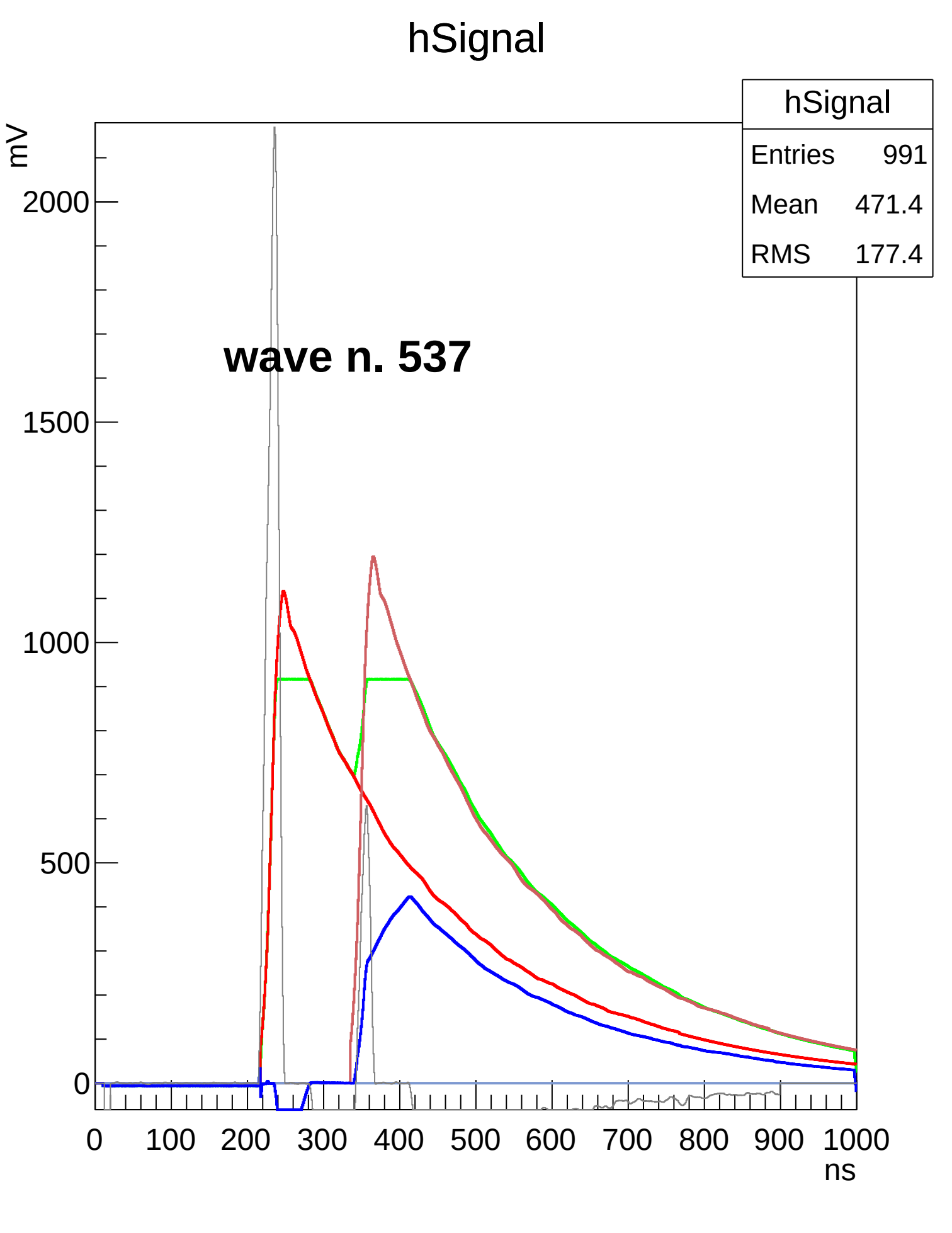

hSignal
hSignal
Entries 991
Mean 595.6
RMS 230.7
wave n. 532
mV
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns

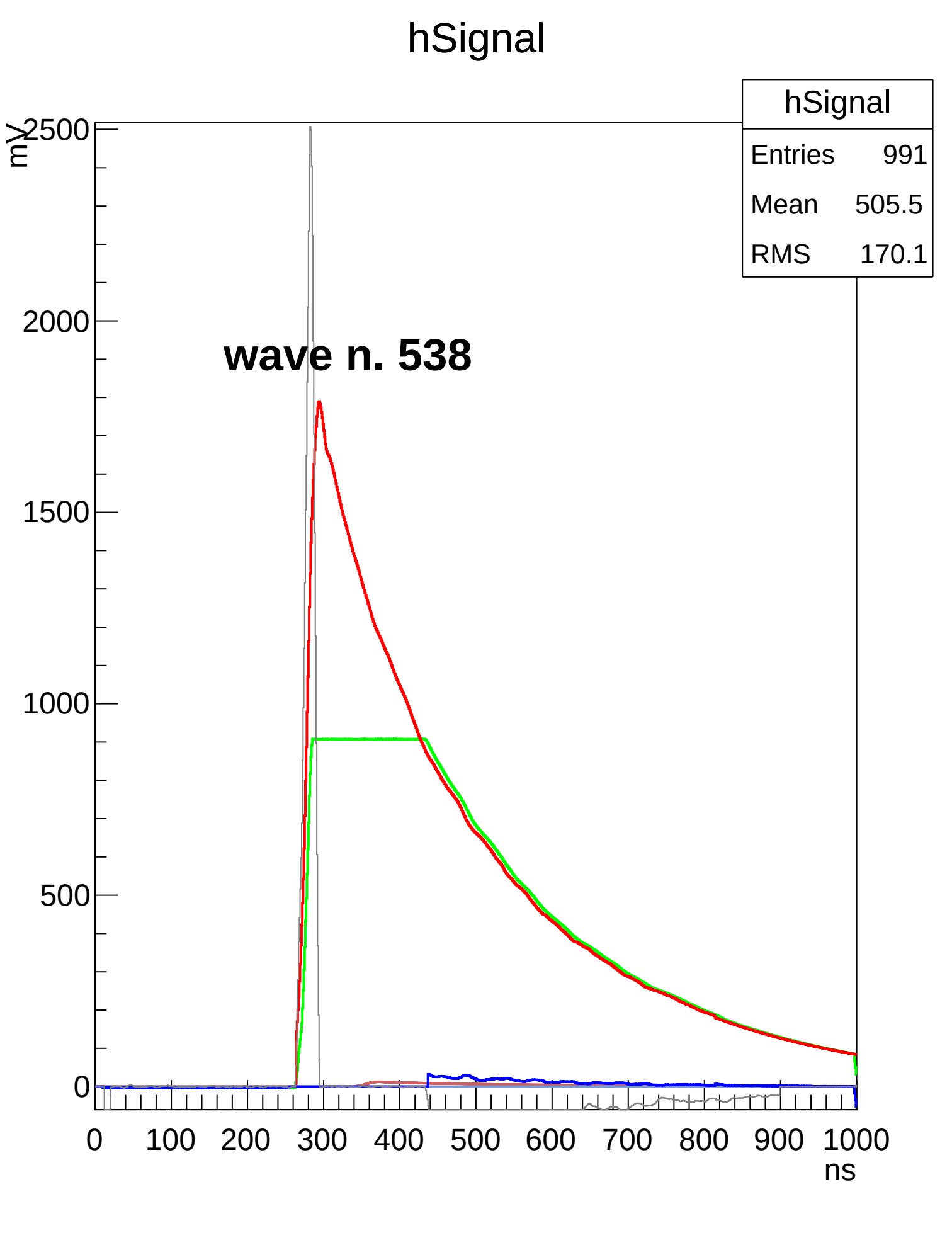

hSignal
hSignal
Entries 991
Mean 566.4
RMS 174.3
wave n. 533
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

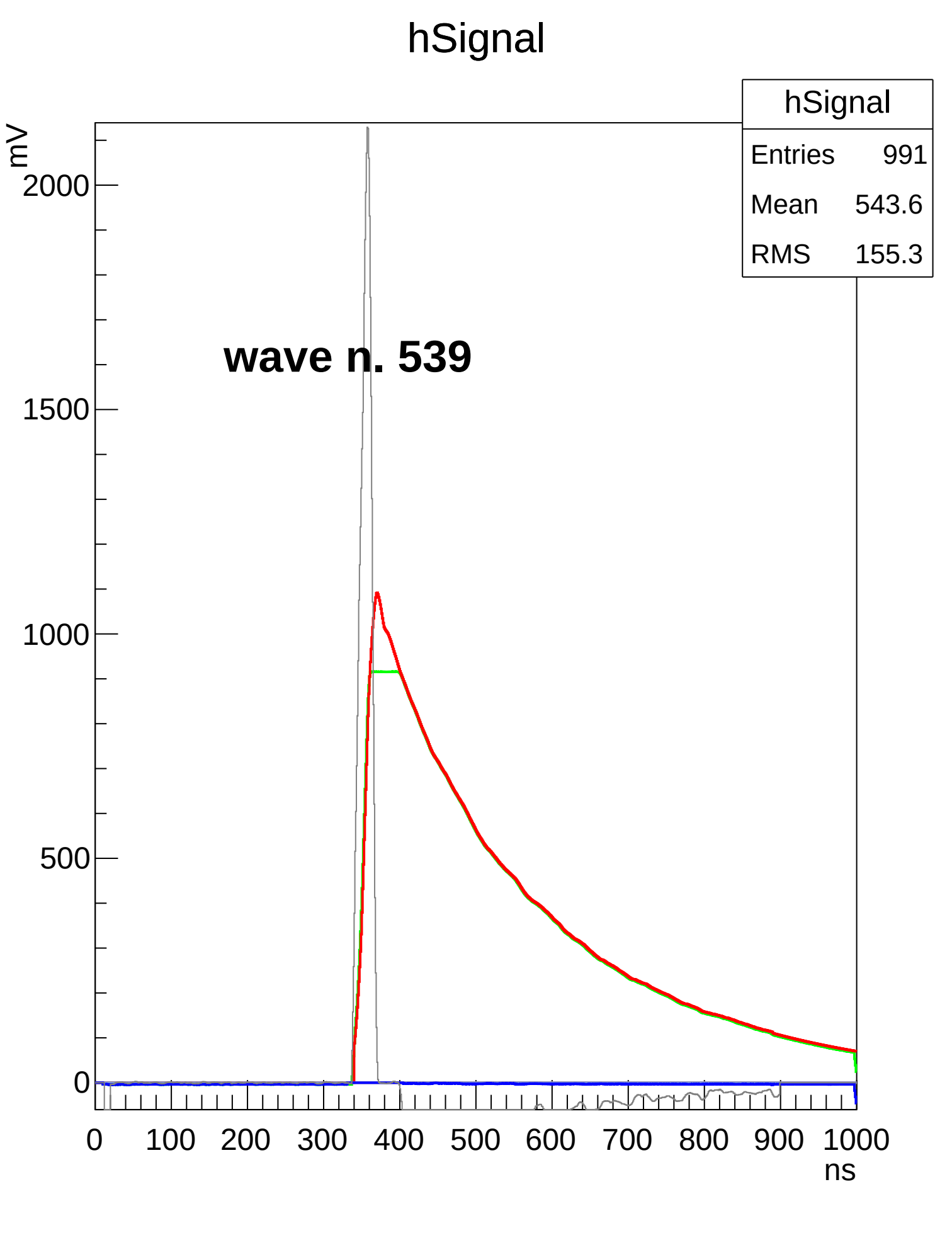

hSignal
hSignal
Entries 991
Mean 523.7
RMS 168
wave n. 534
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

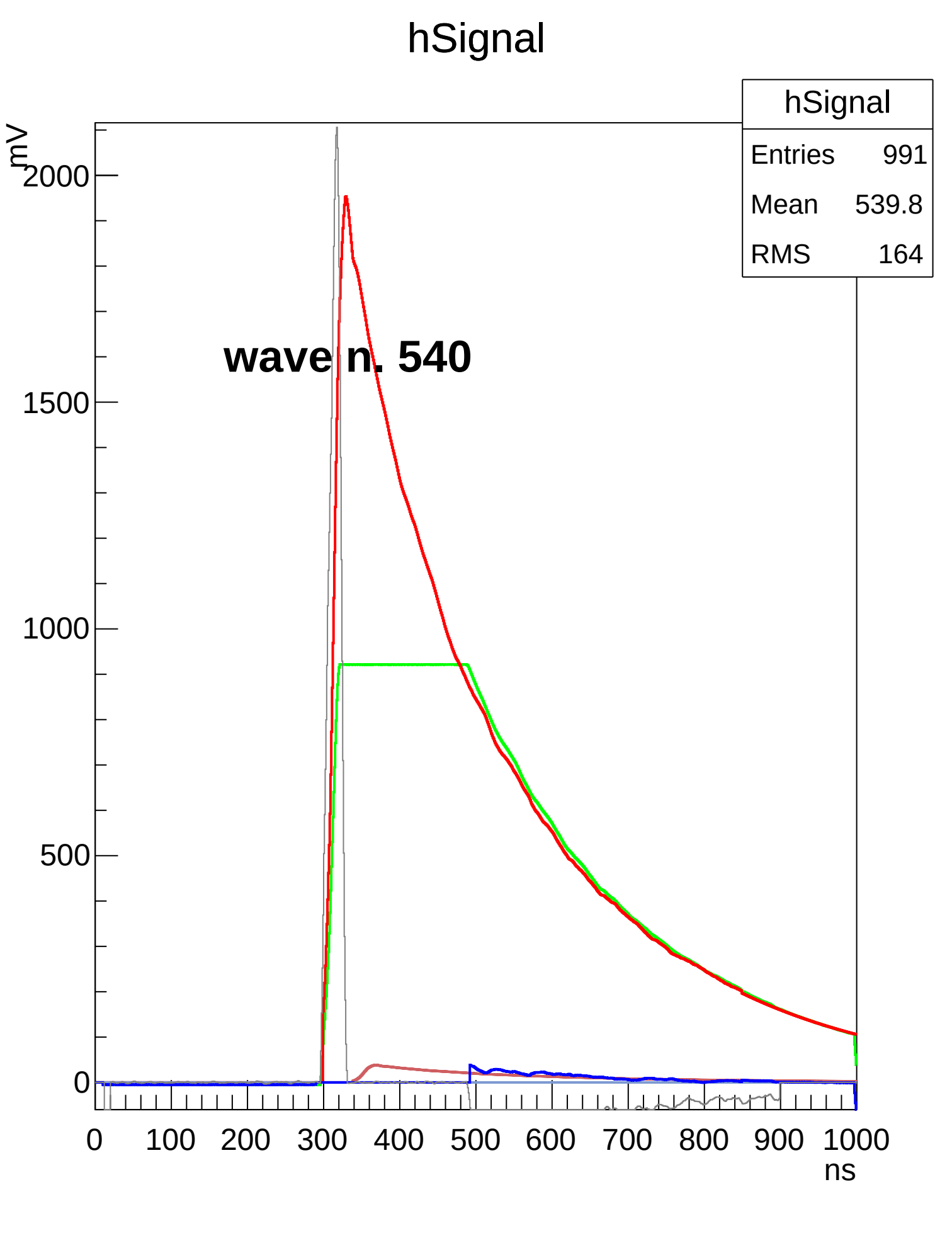

hSignal
hSignal
Entries 991
Mean 550.9
RMS 165.2
wave n. 535
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

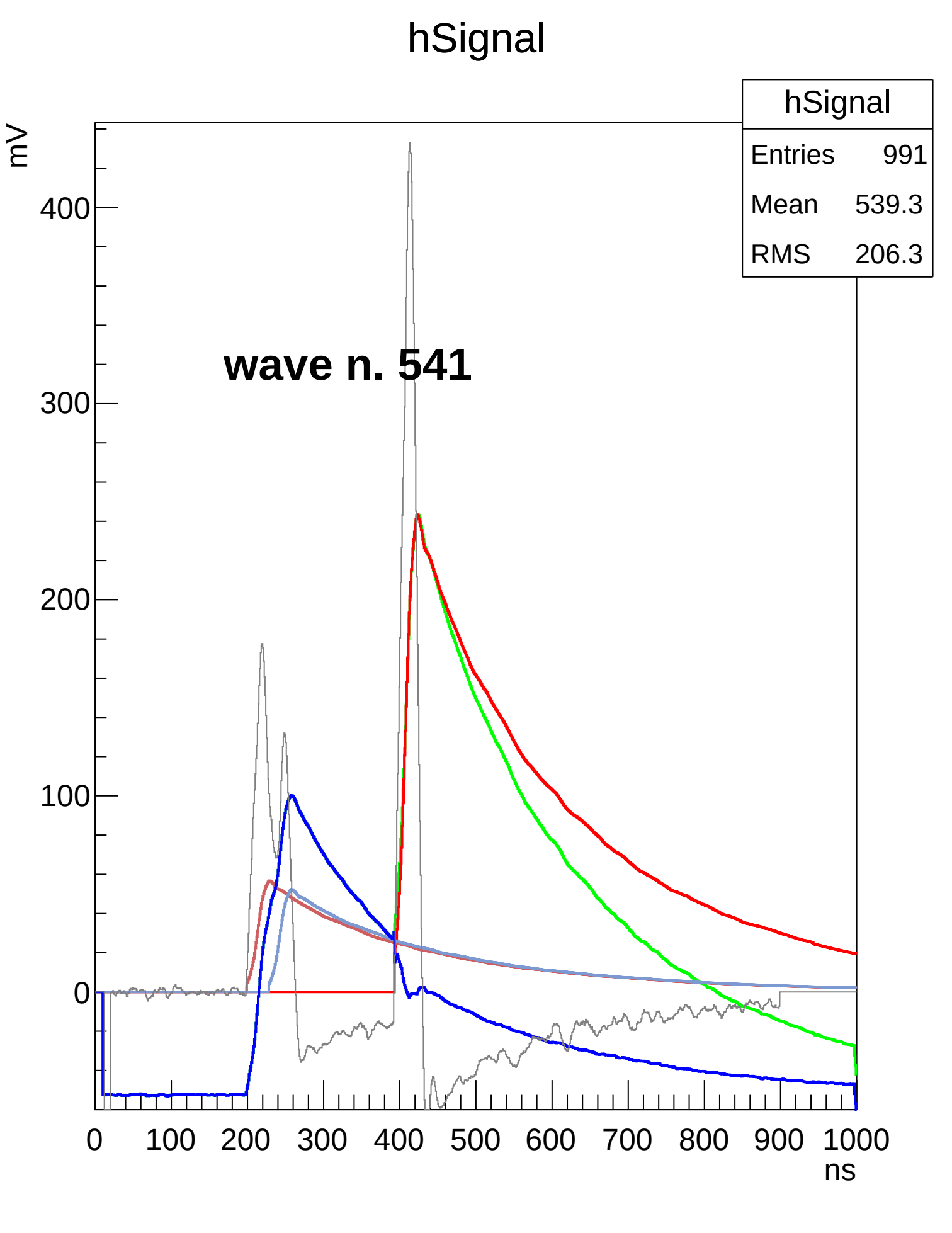

hSignal
hSignal
Entries 991
Mean 486.8
RMS 164.9
wave n. 536
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

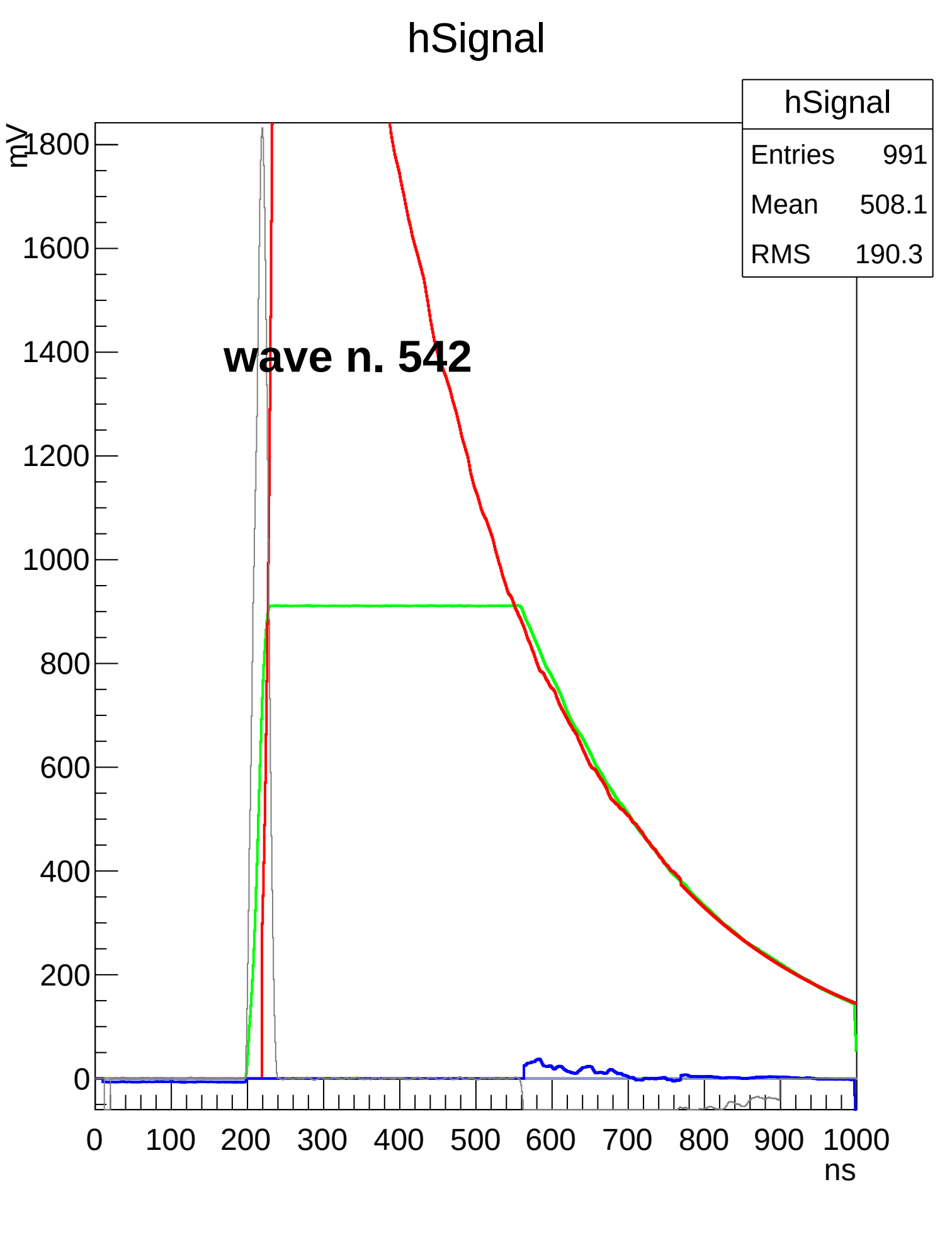

hSignal
hSignal
Entries 991
Mean 471.4
RMS 177.4
wave n. 537
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

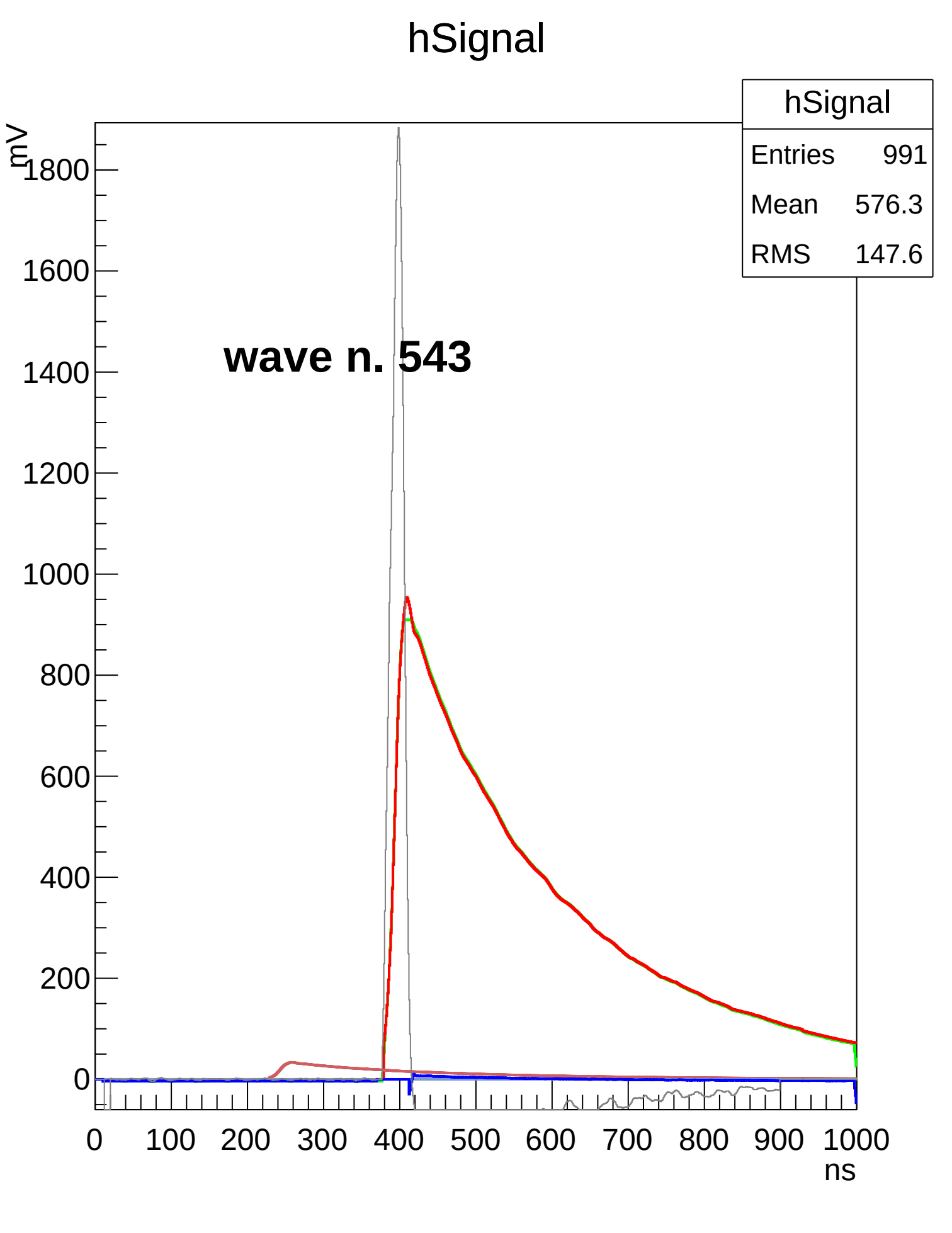

hSignal
hSignal
Entries 991
Mean 505.5
RMS 170.1
wave n. 538
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

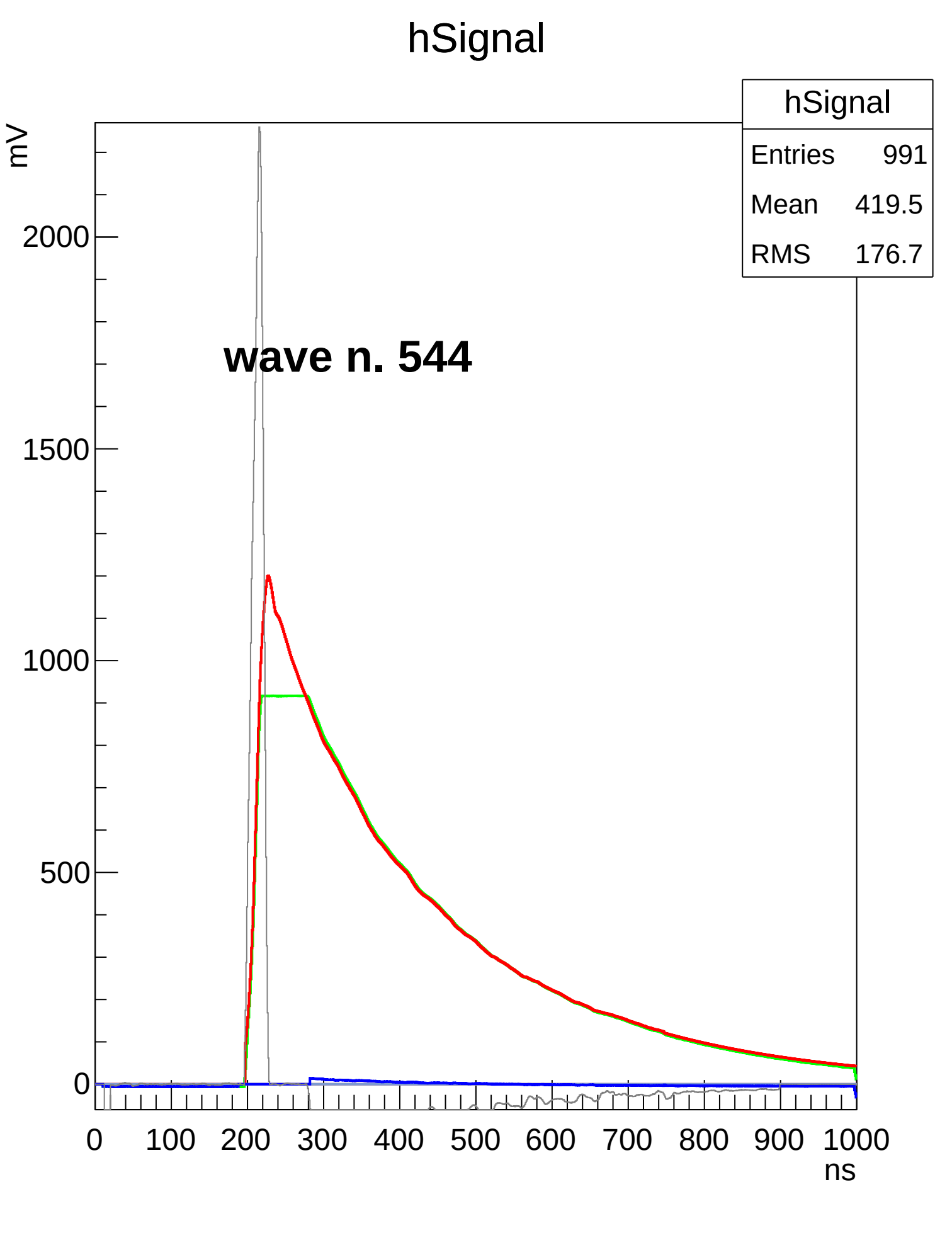

hSignal
hSignal
Entries 991
Mean 543.6
RMS 155.3
wave n. 539
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

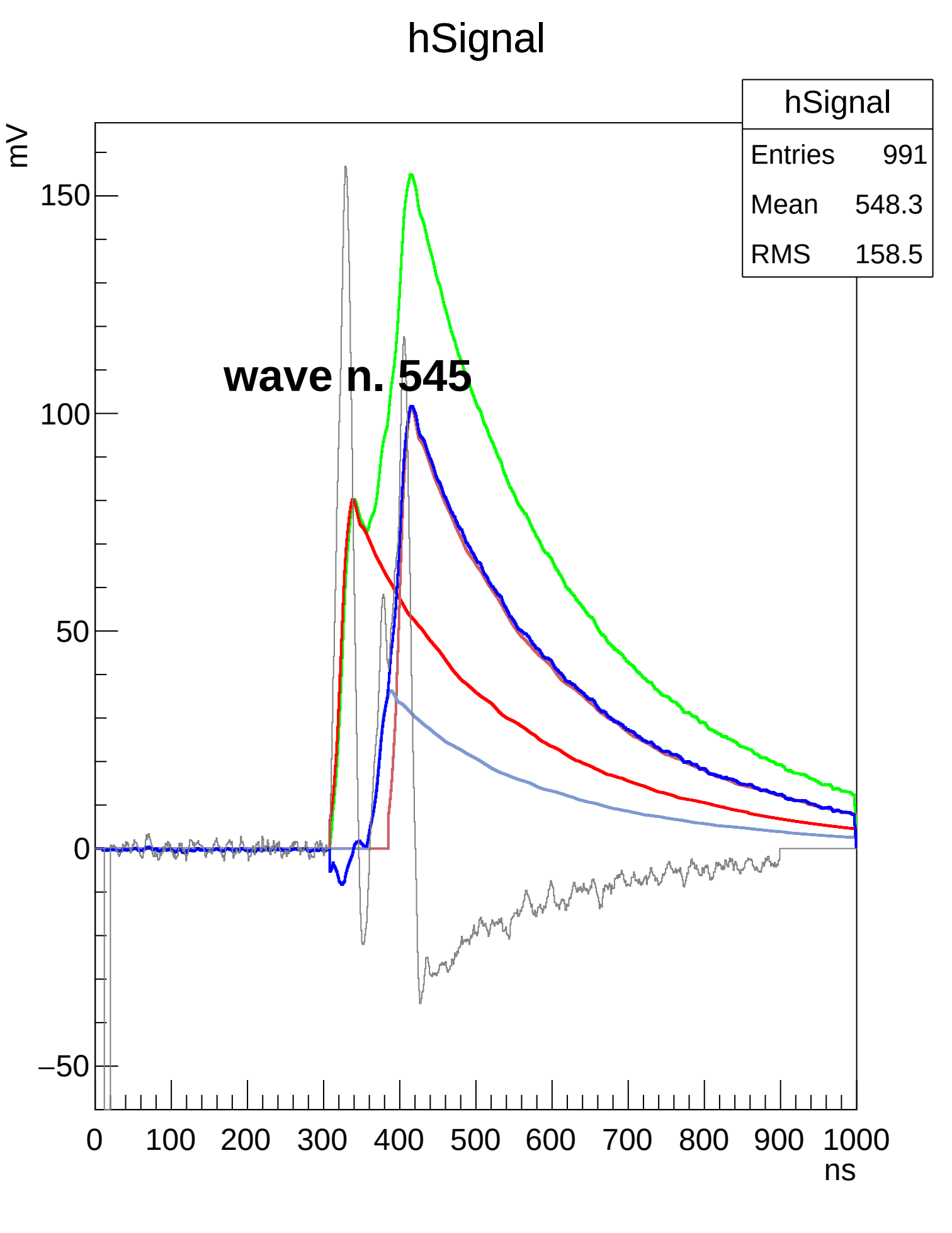

hSignal
hSignal
Entries 991
Mean 539.8
RMS 164
wave n. 540
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

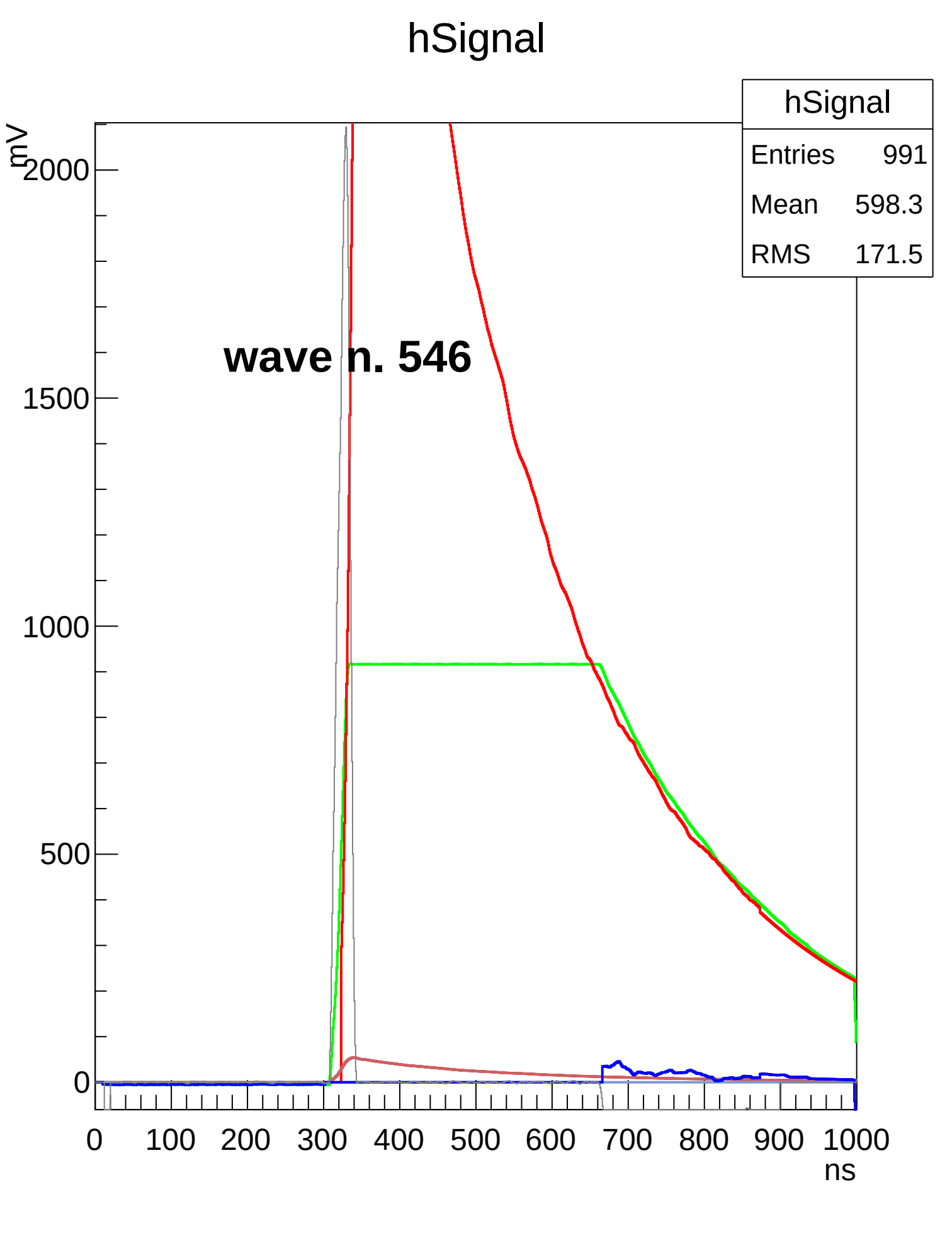

hSignal
hSignal
Entries 991
Mean 539.3
RMS 206.3
wave n. 541
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns

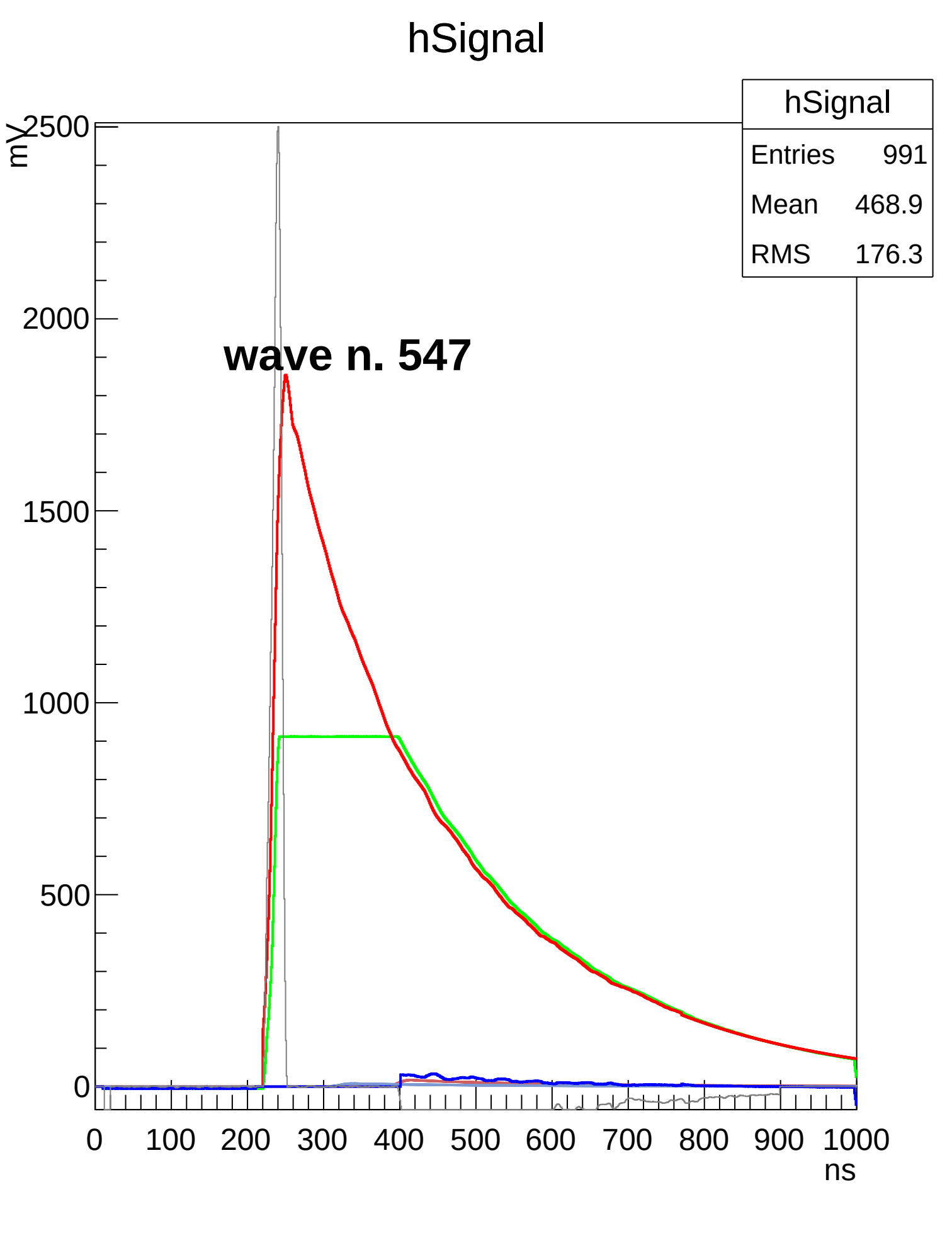

hSignal
hSignal
Entries 991
Mean 508.1
RMS 190.3
wave n. 542
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

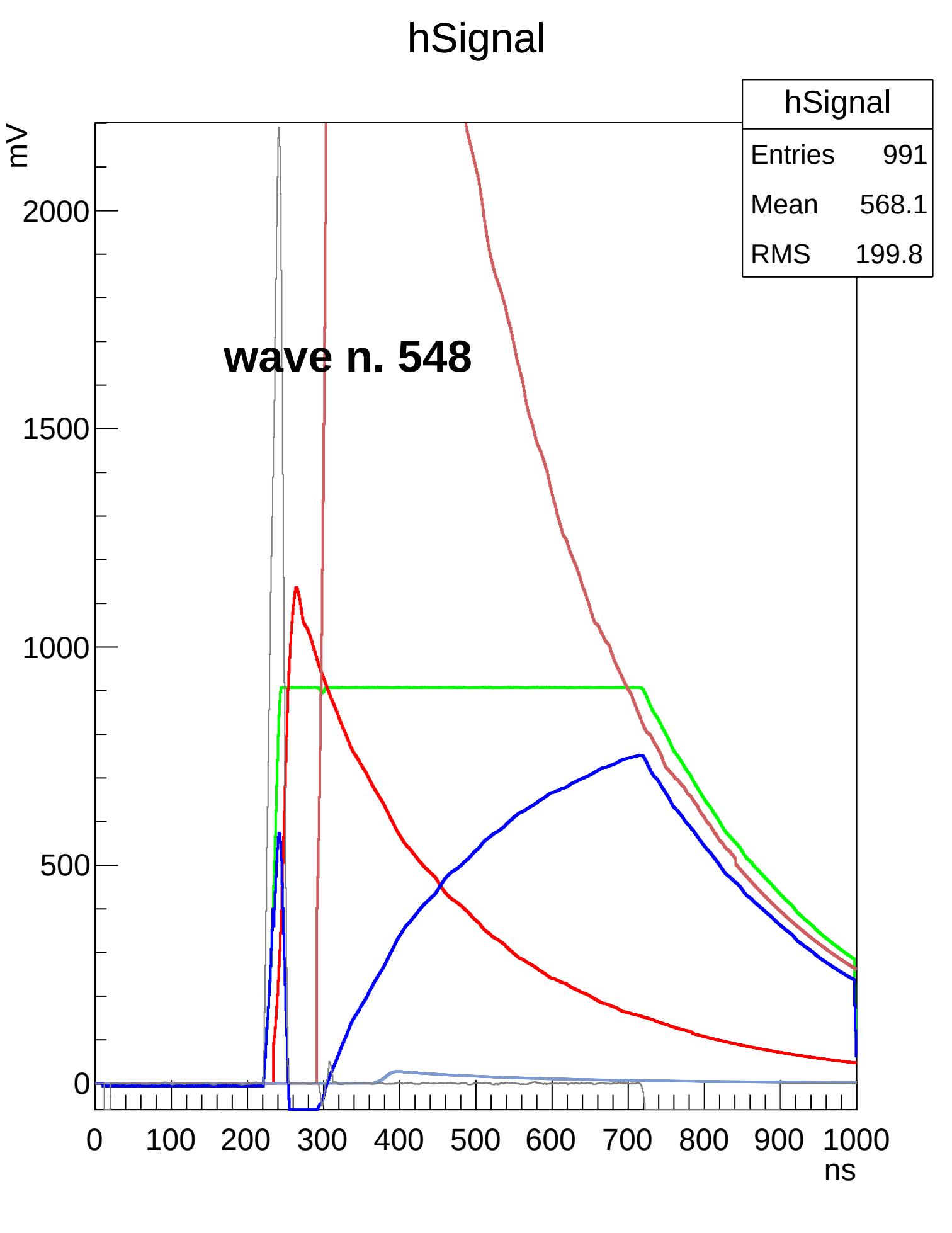

hSignal
hSignal
Entries 991
Mean 576.3
RMS 147.6
wave n. 543
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 419.5
RMS 176.7
wave n. 544
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 548.3
RMS 158.5
wave n. 545
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 598.3
RMS 171.5
wave n. 546
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 468.9
RMS 176.3
wave n. 547
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 568.1
RMS 199.8
wave n. 548
mV
2000
1500
1000
500
0
0
100
200
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400
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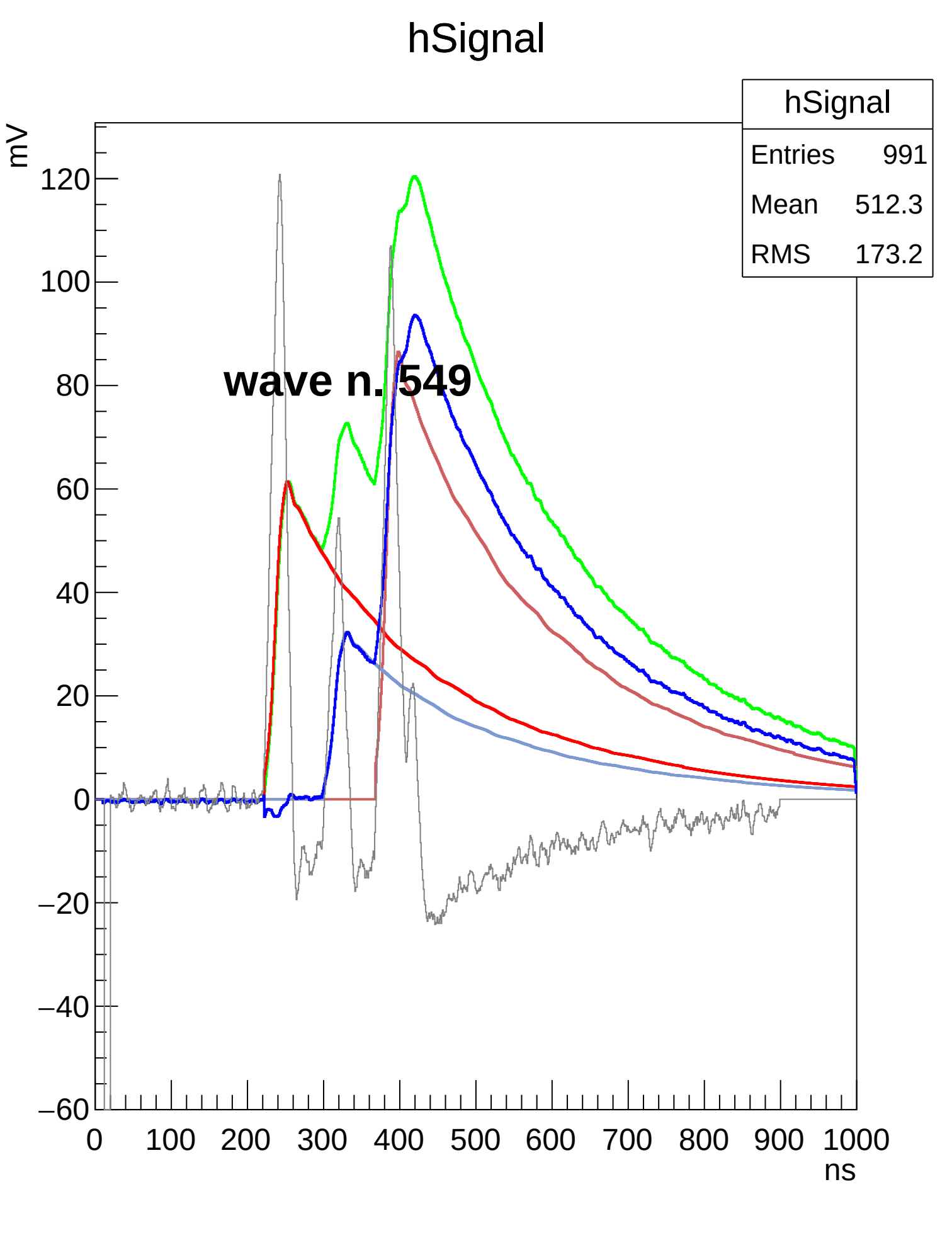
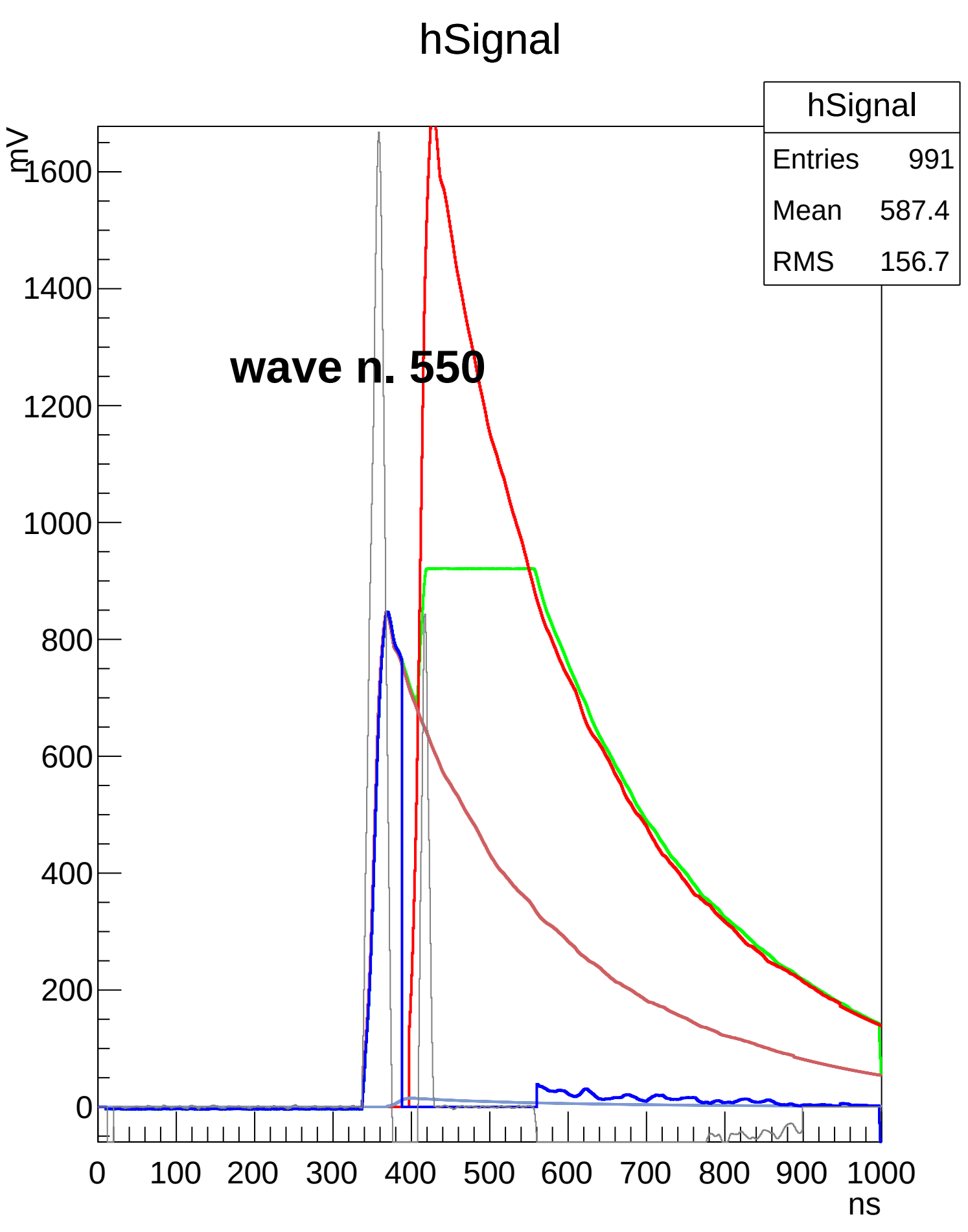
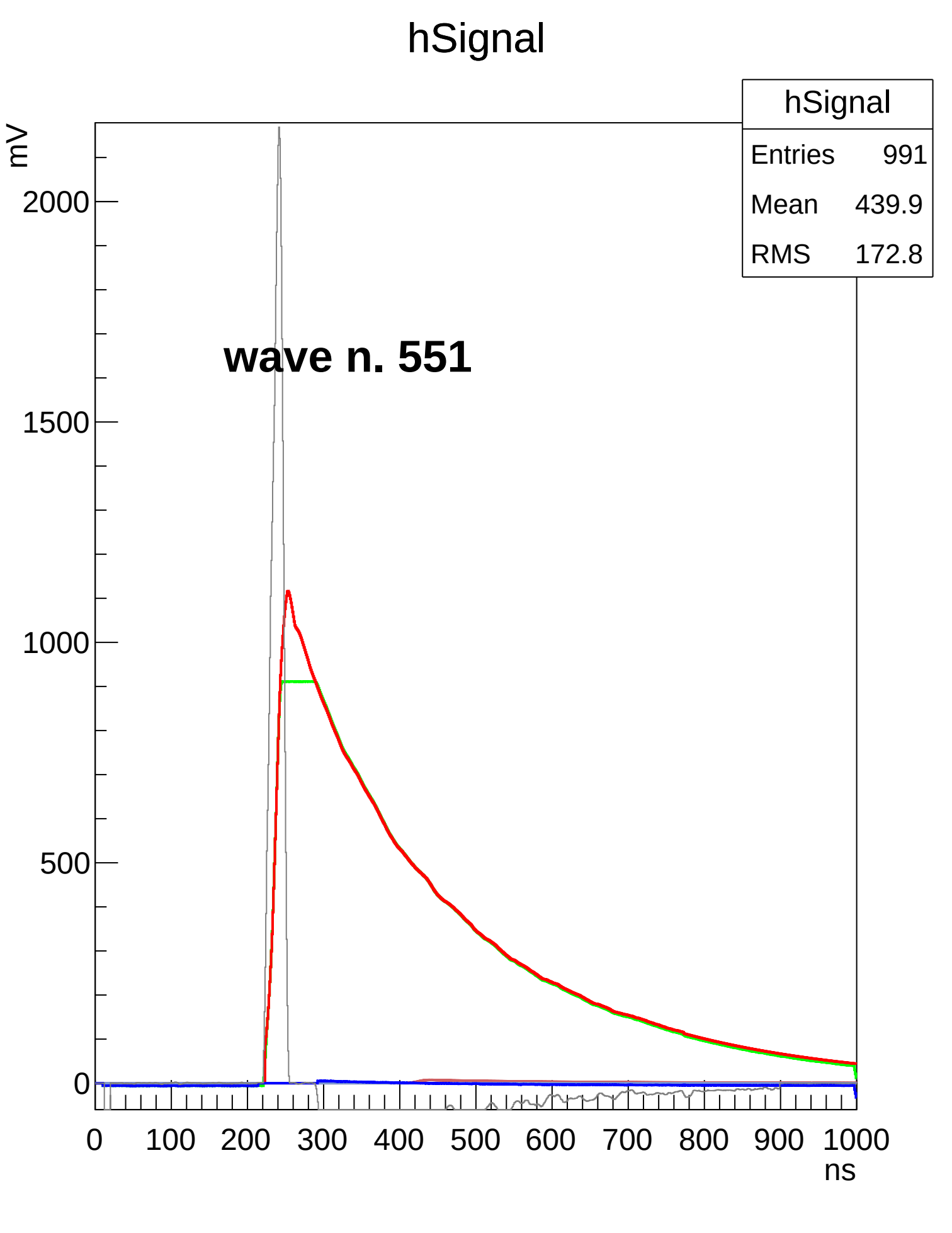
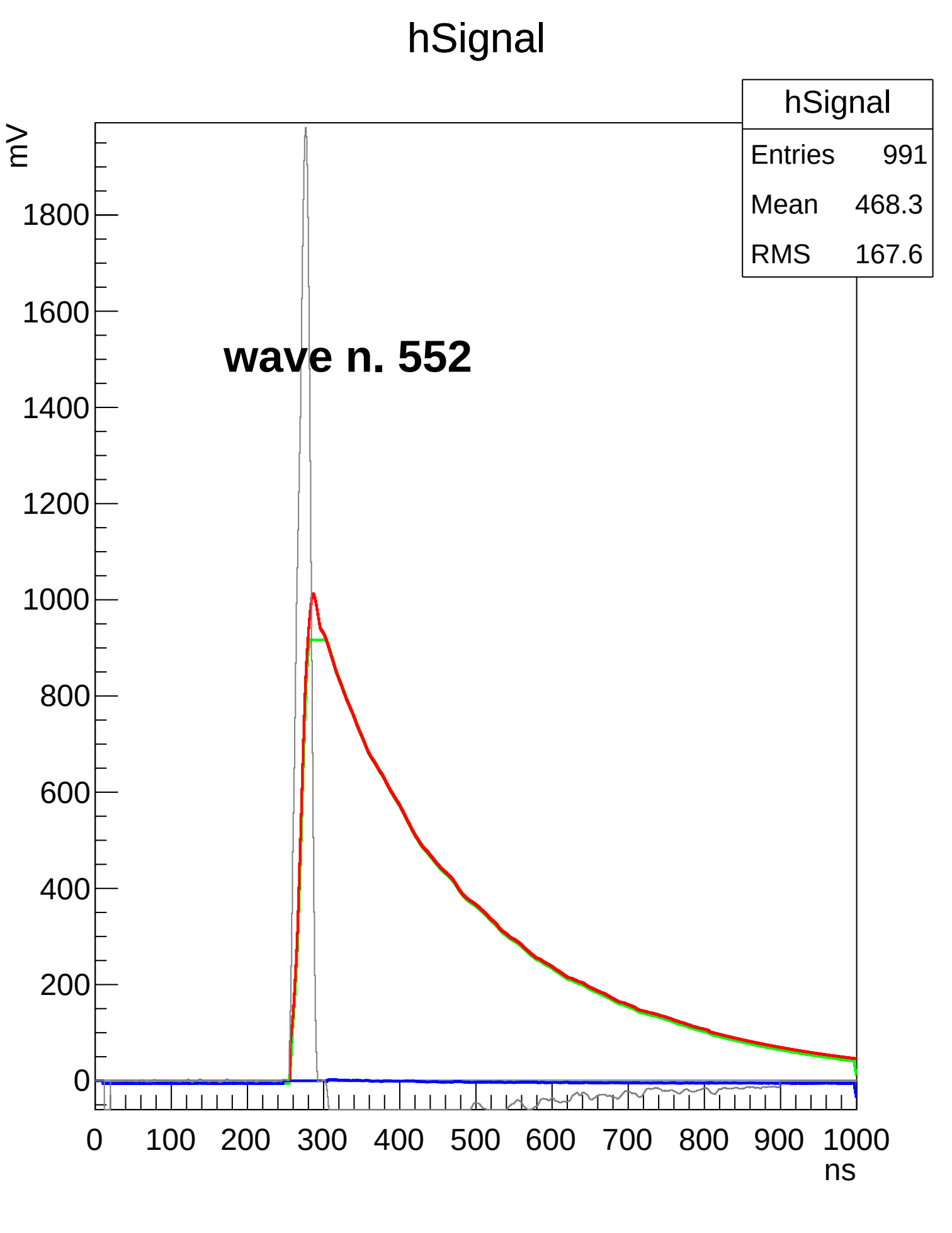
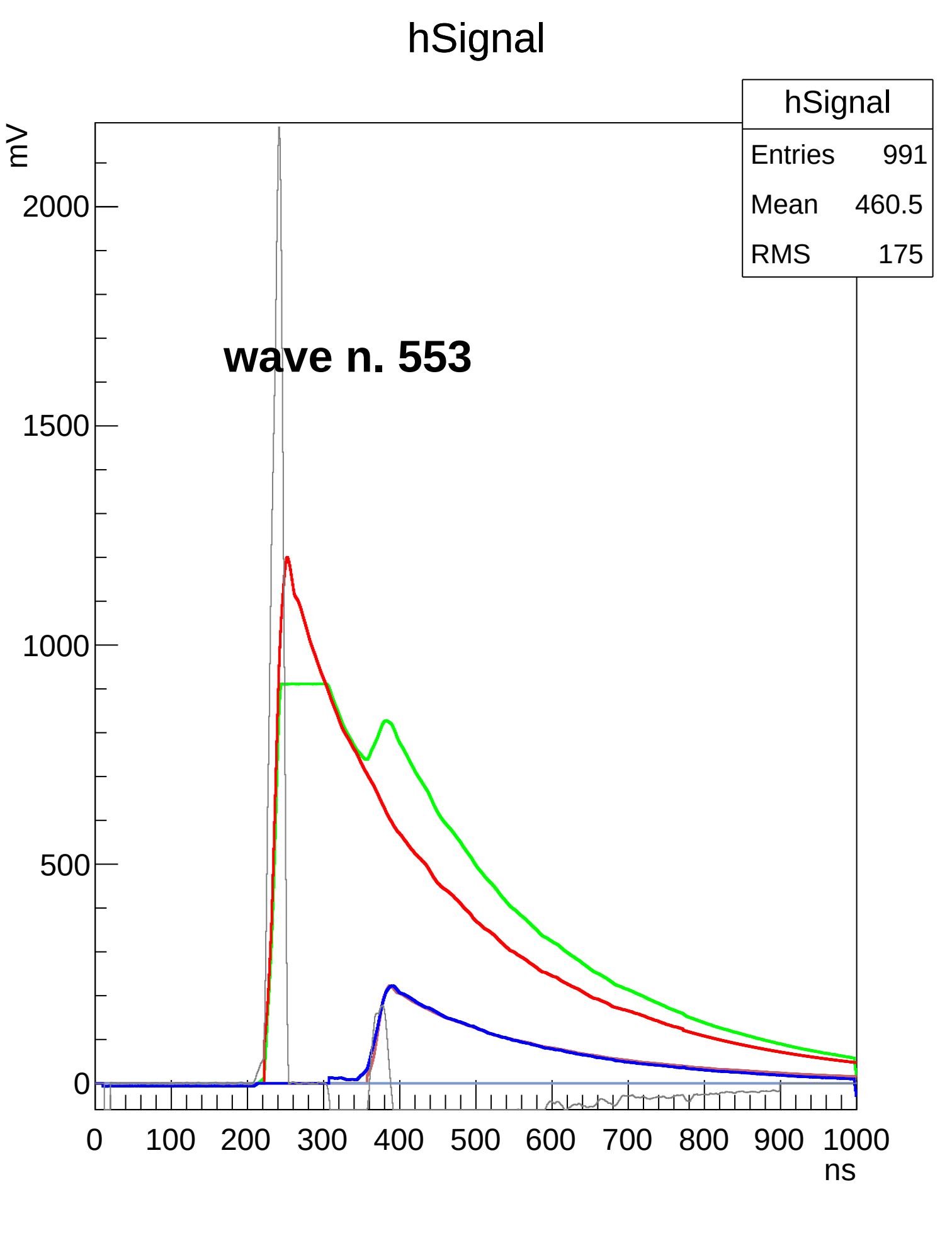
600
700
800
900
1000
ns

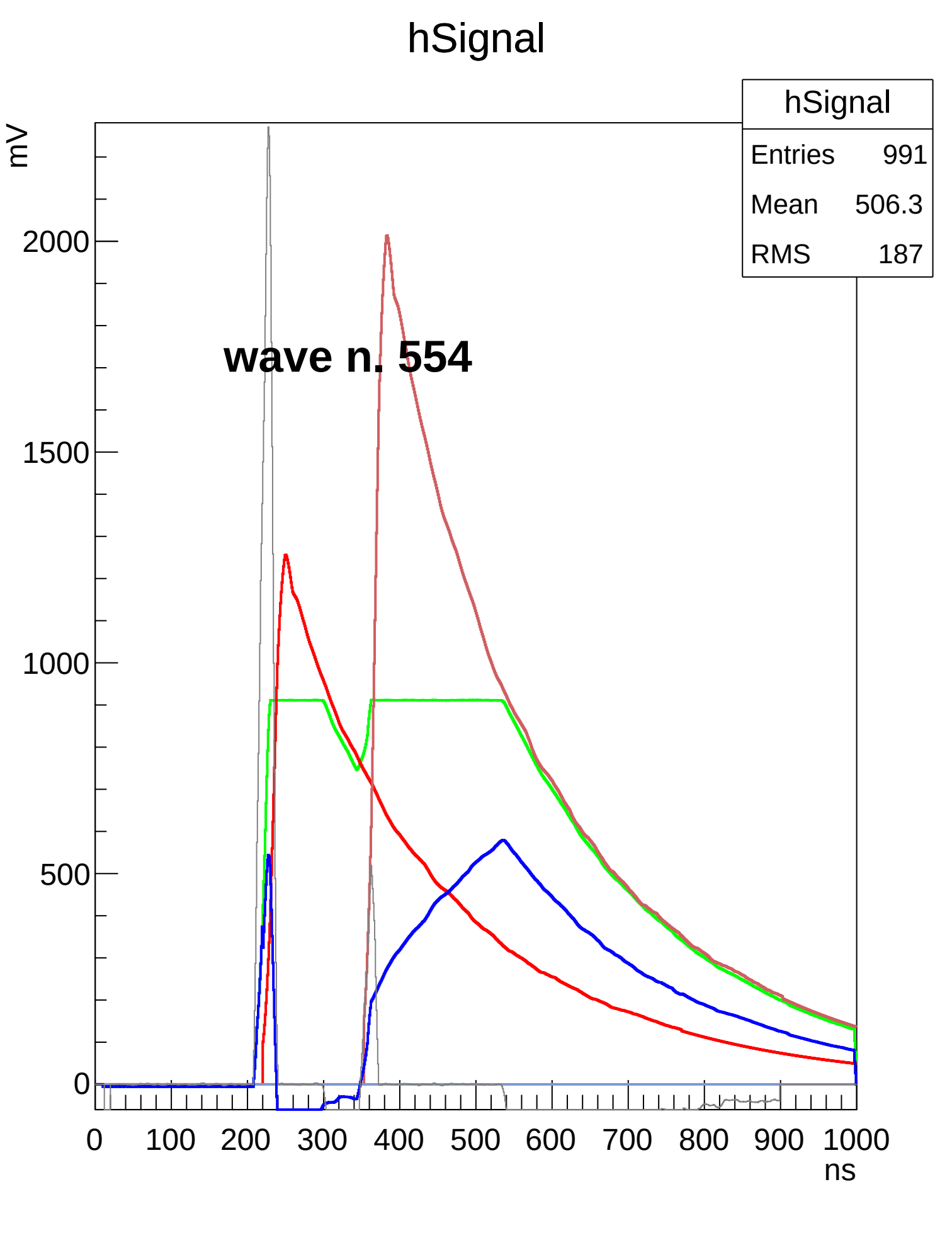

hSignal
hSignal
Entries 991
Mean 512.3
RMS 173.2
wave n. 549
mV
120
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns

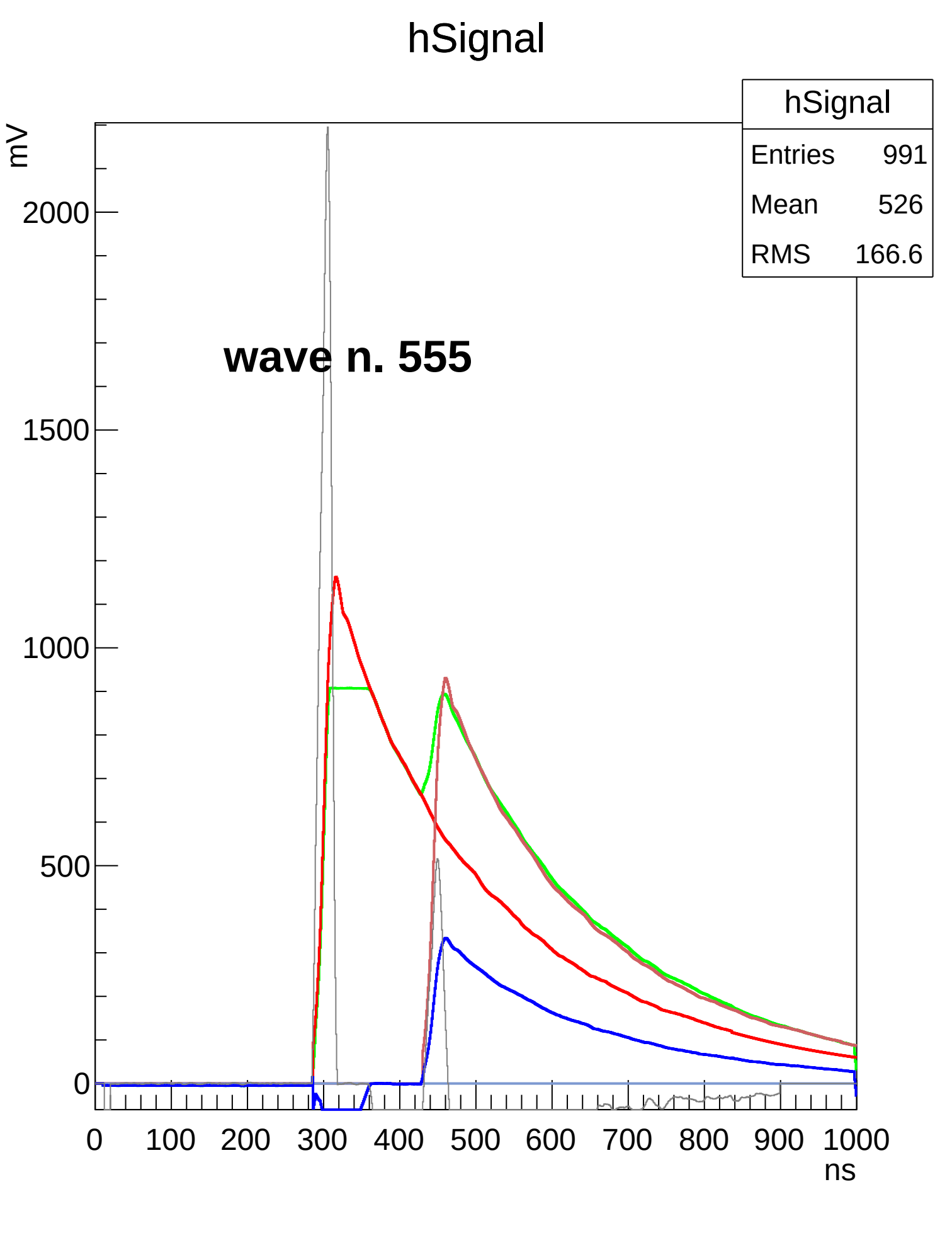

hSignal
hSignal
Entries 991
Mean 587.4
RMS 156.7
wave n. 550
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

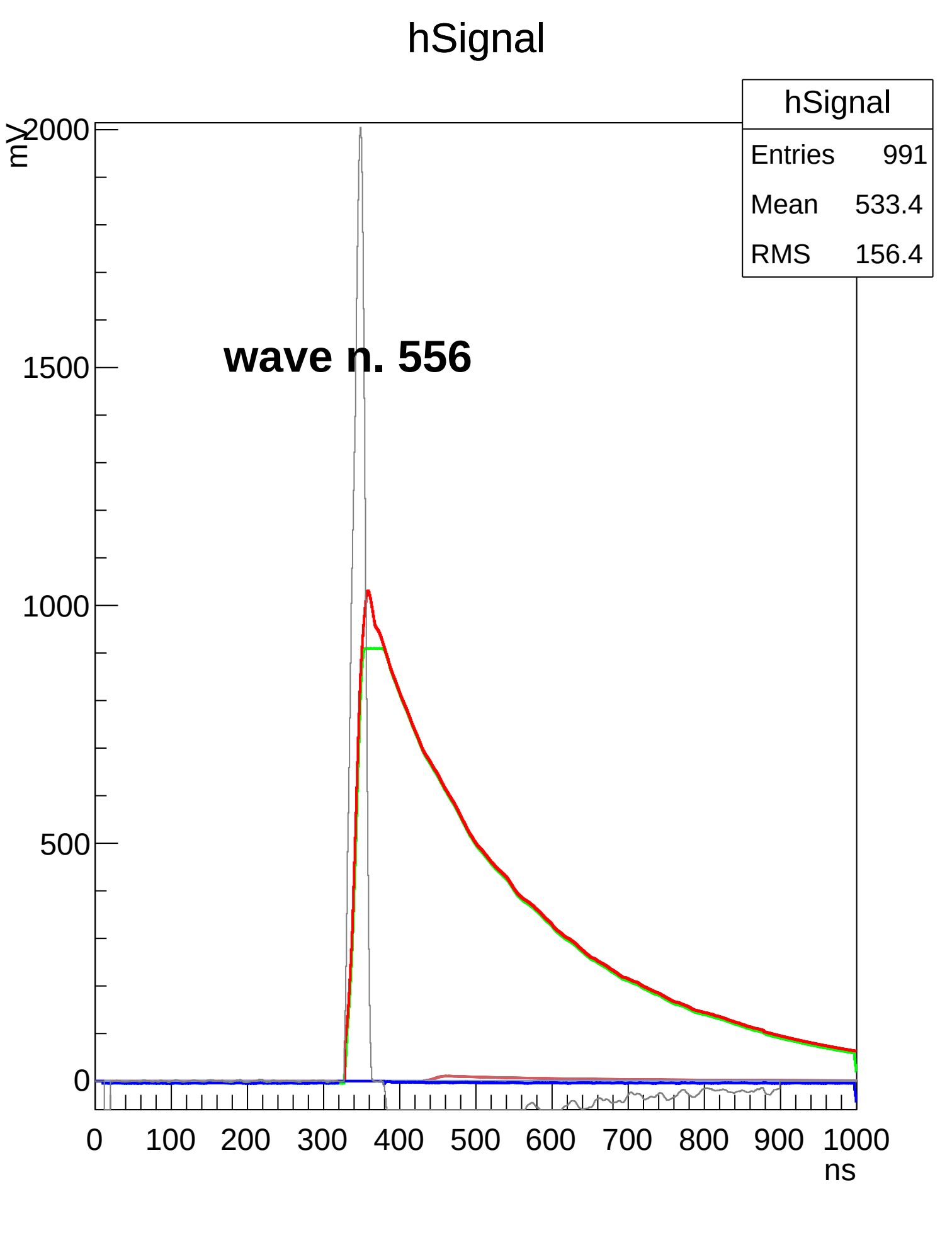

hSignal
hSignal
Entries 991
Mean 439.9
RMS 172.8
wave n. 551
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

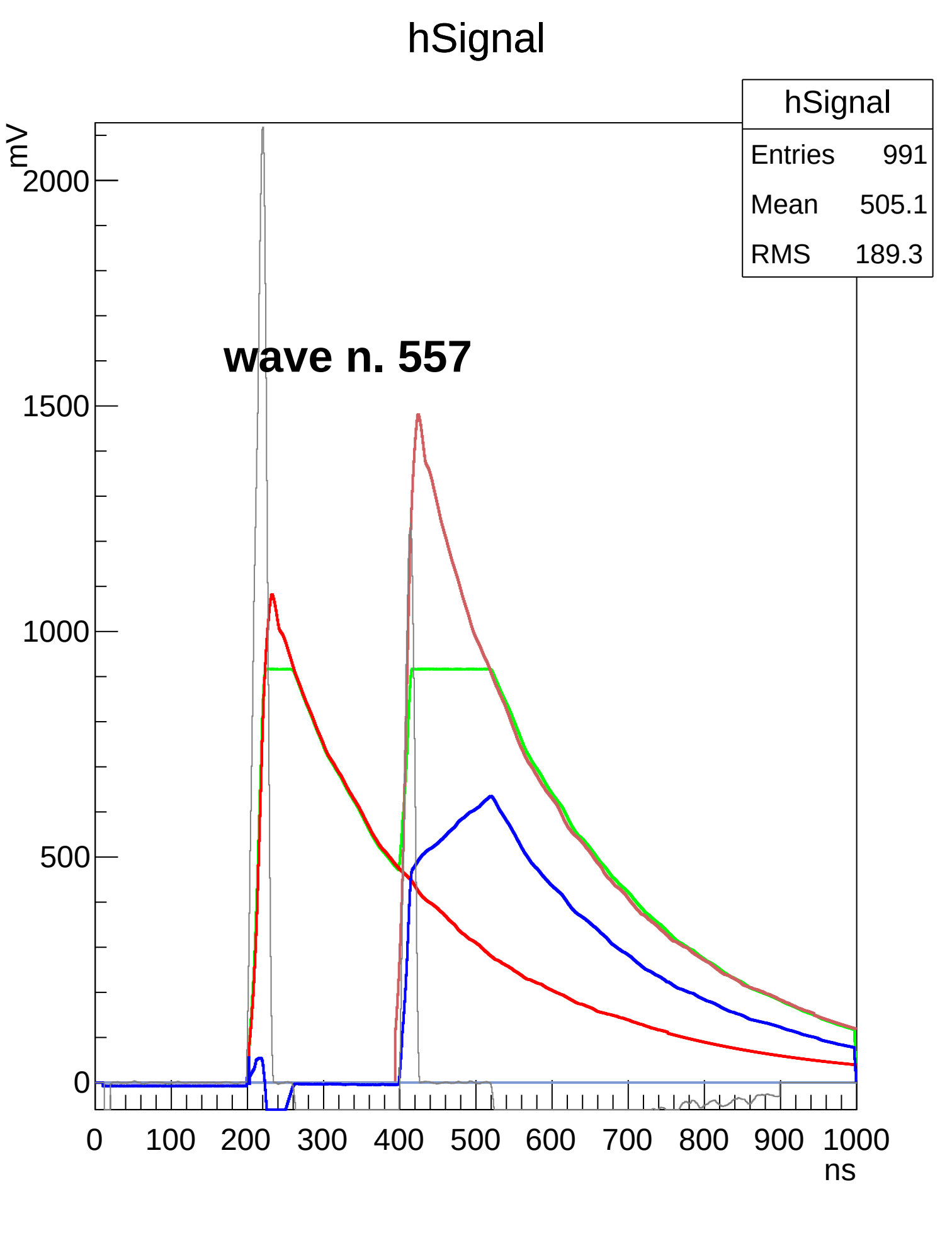

hSignal
hSignal
Entries 991
Mean 468.3
RMS 167.6
wave n. 552
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

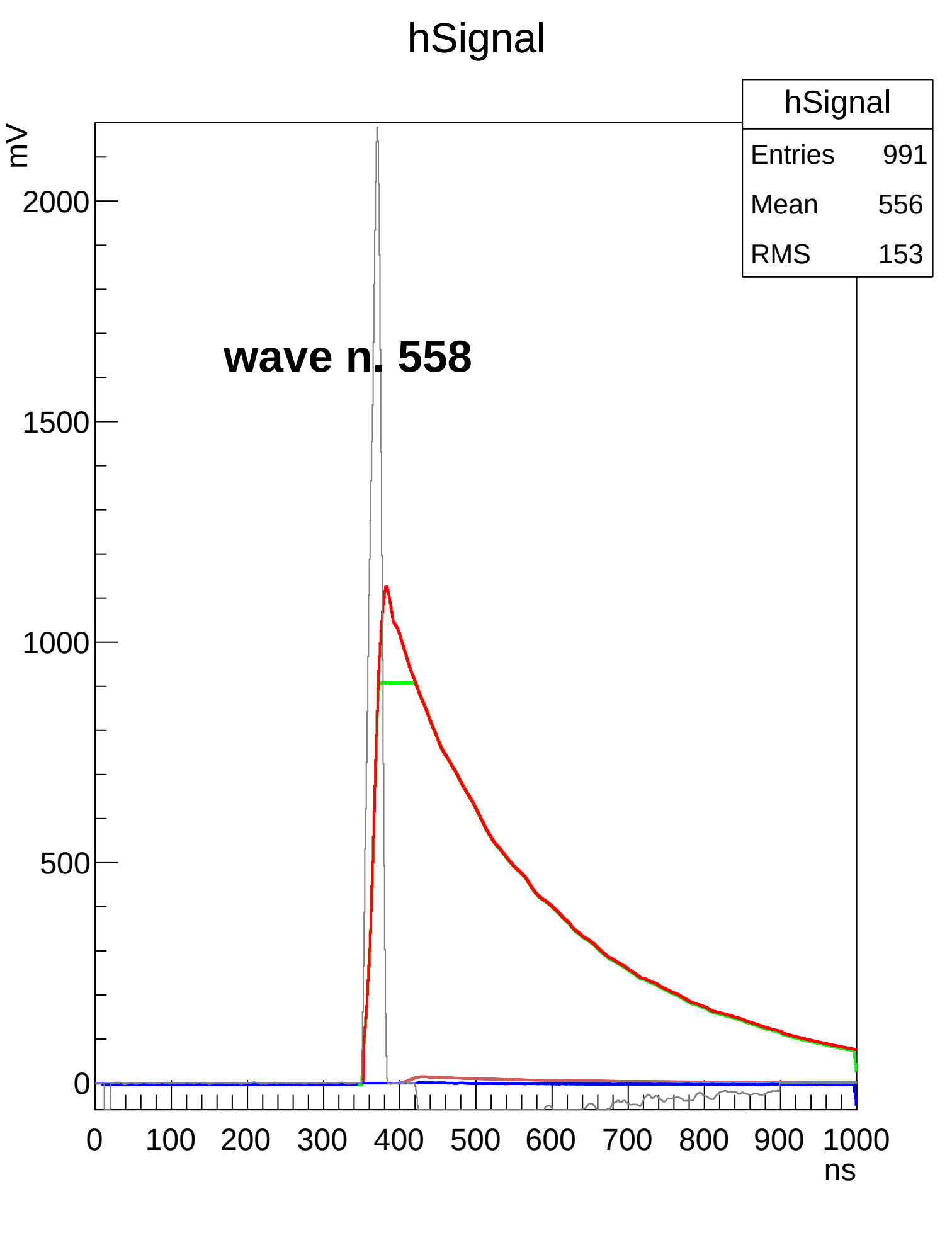

hSignal
hSignal
Entries 991
Mean 460.5
RMS 175
wave n. 553
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 506.3
RMS 187
wave n. 554
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 526
RMS 166.6
wave n. 555
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 533.4
RMS 156.4
wave n. 556
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.1
RMS 189.3
wave n. 557
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556
RMS 153
wave n. 558
mV
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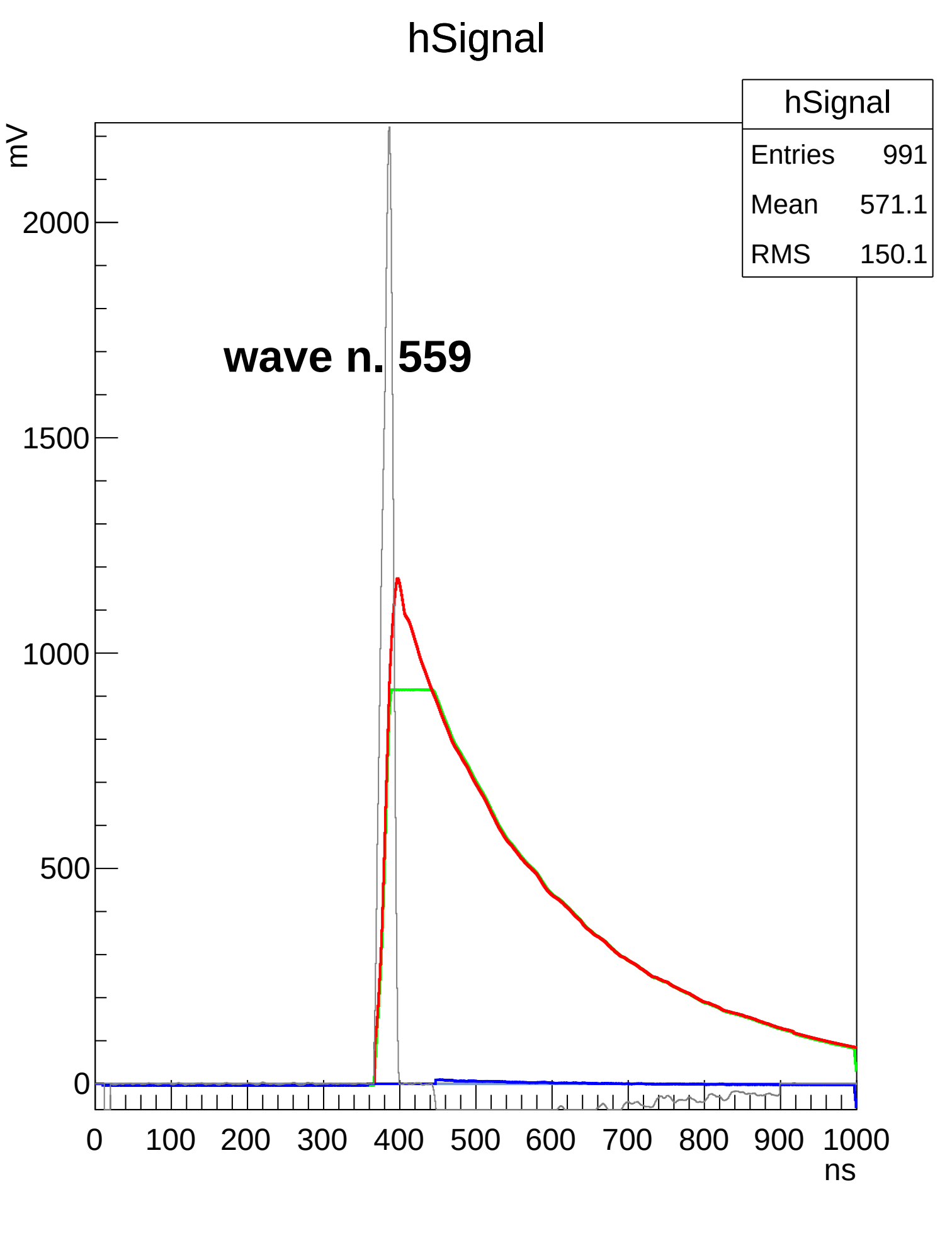
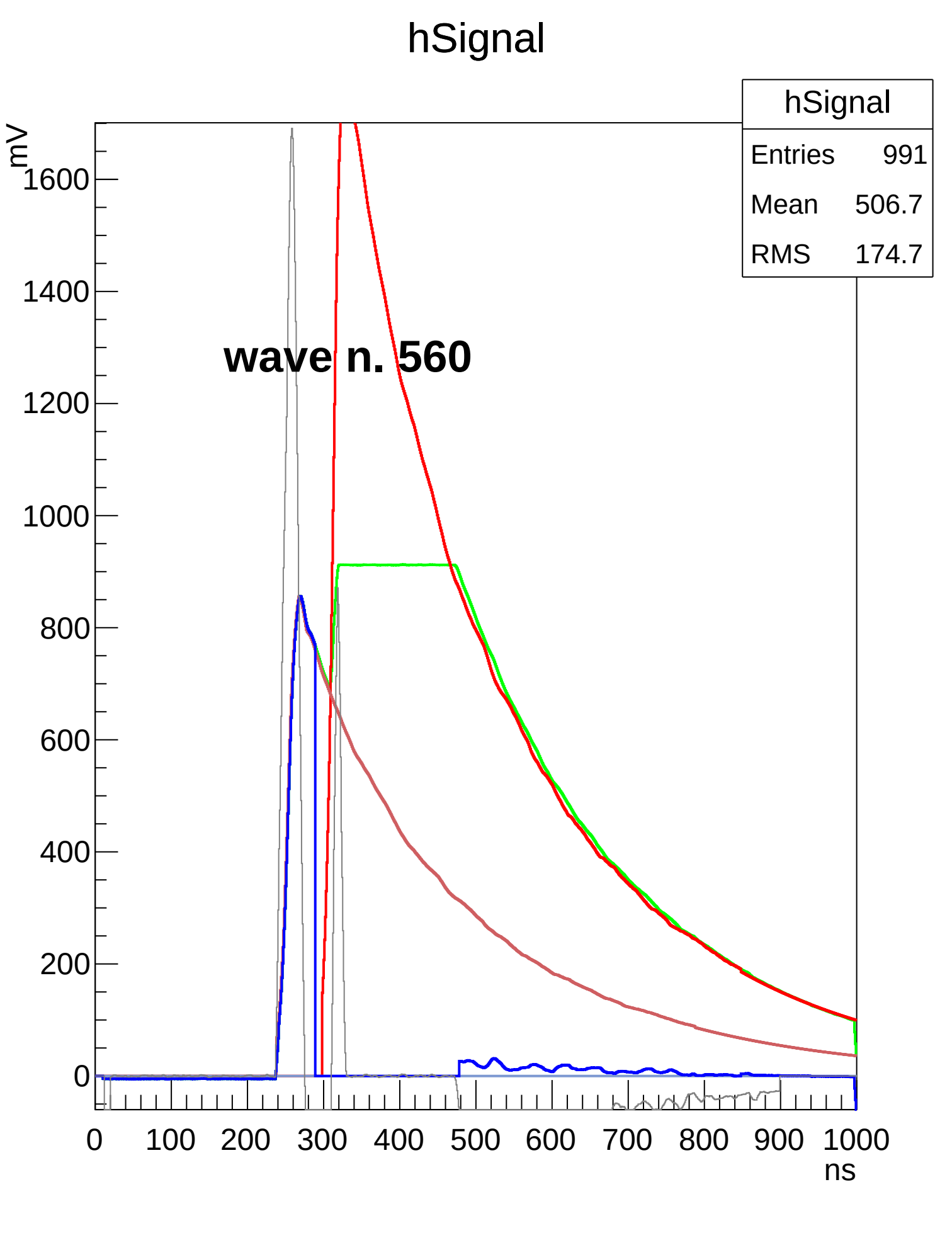
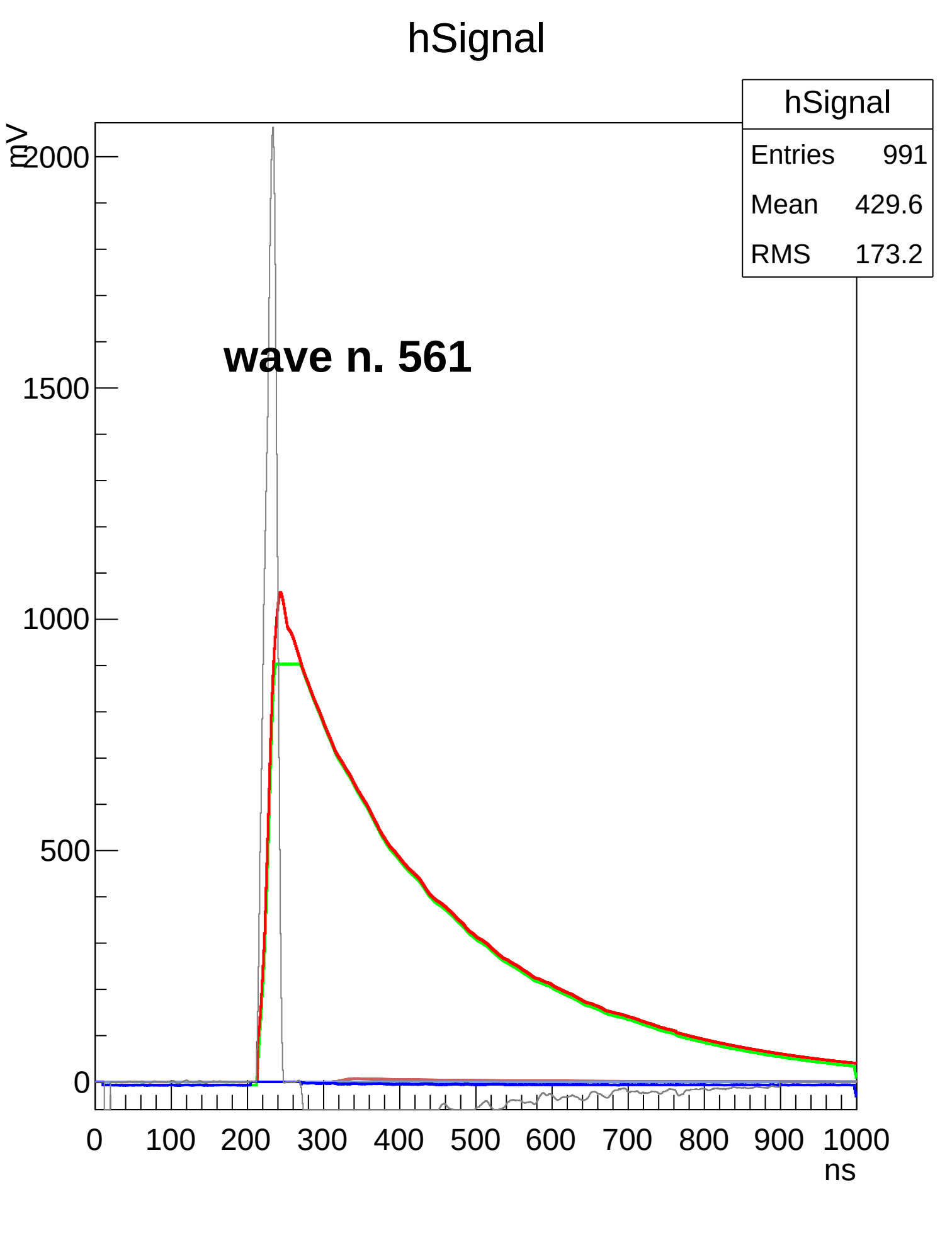
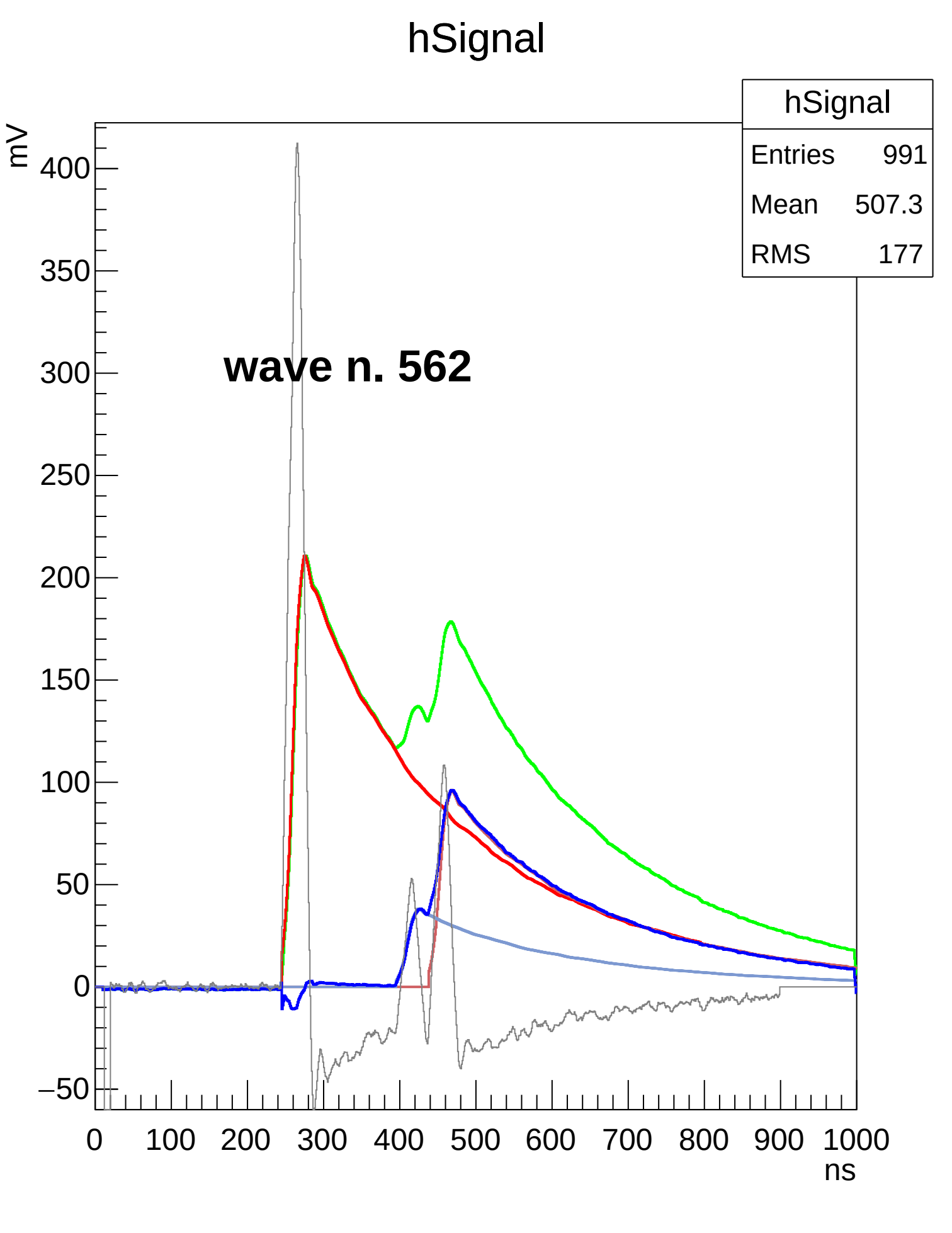
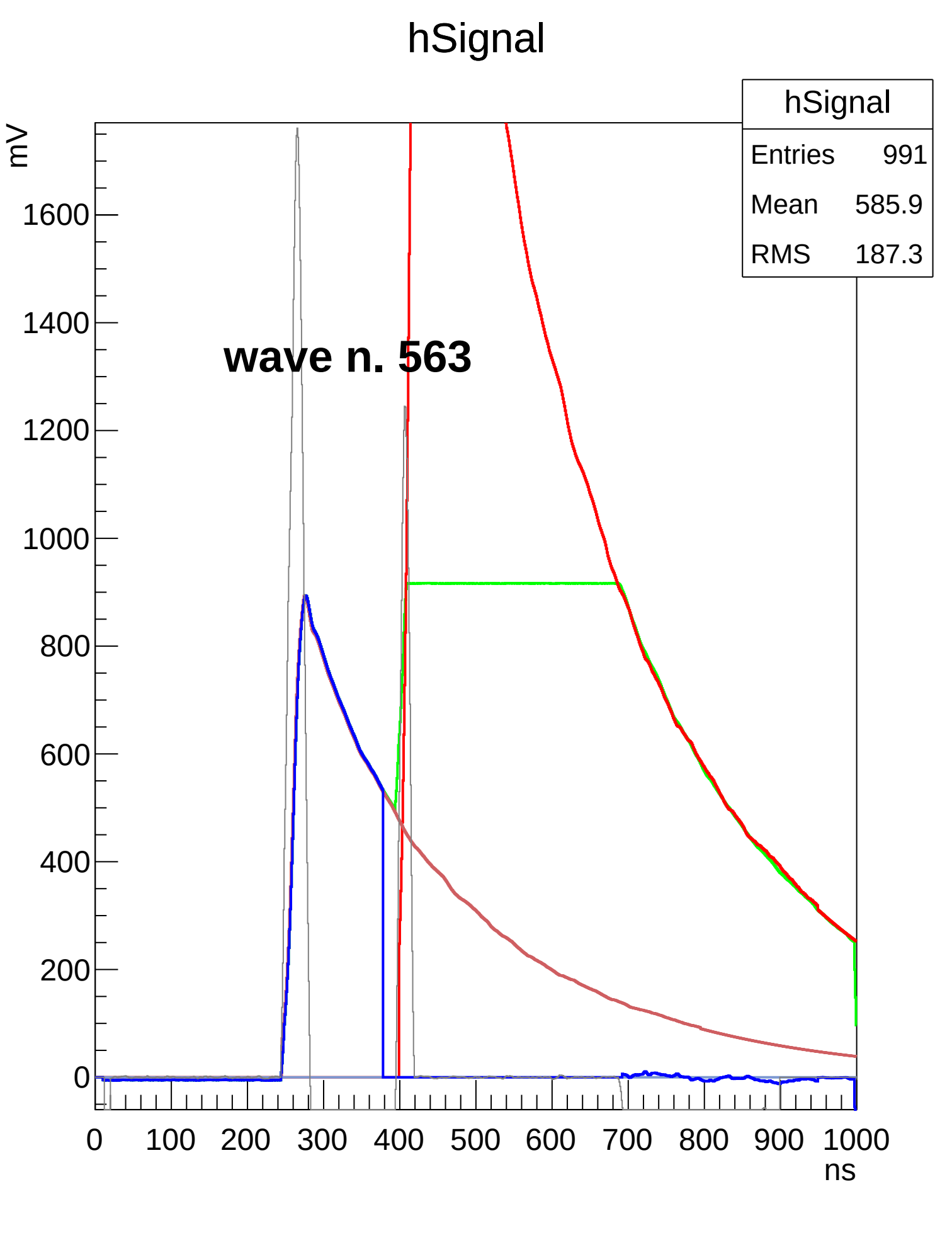
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

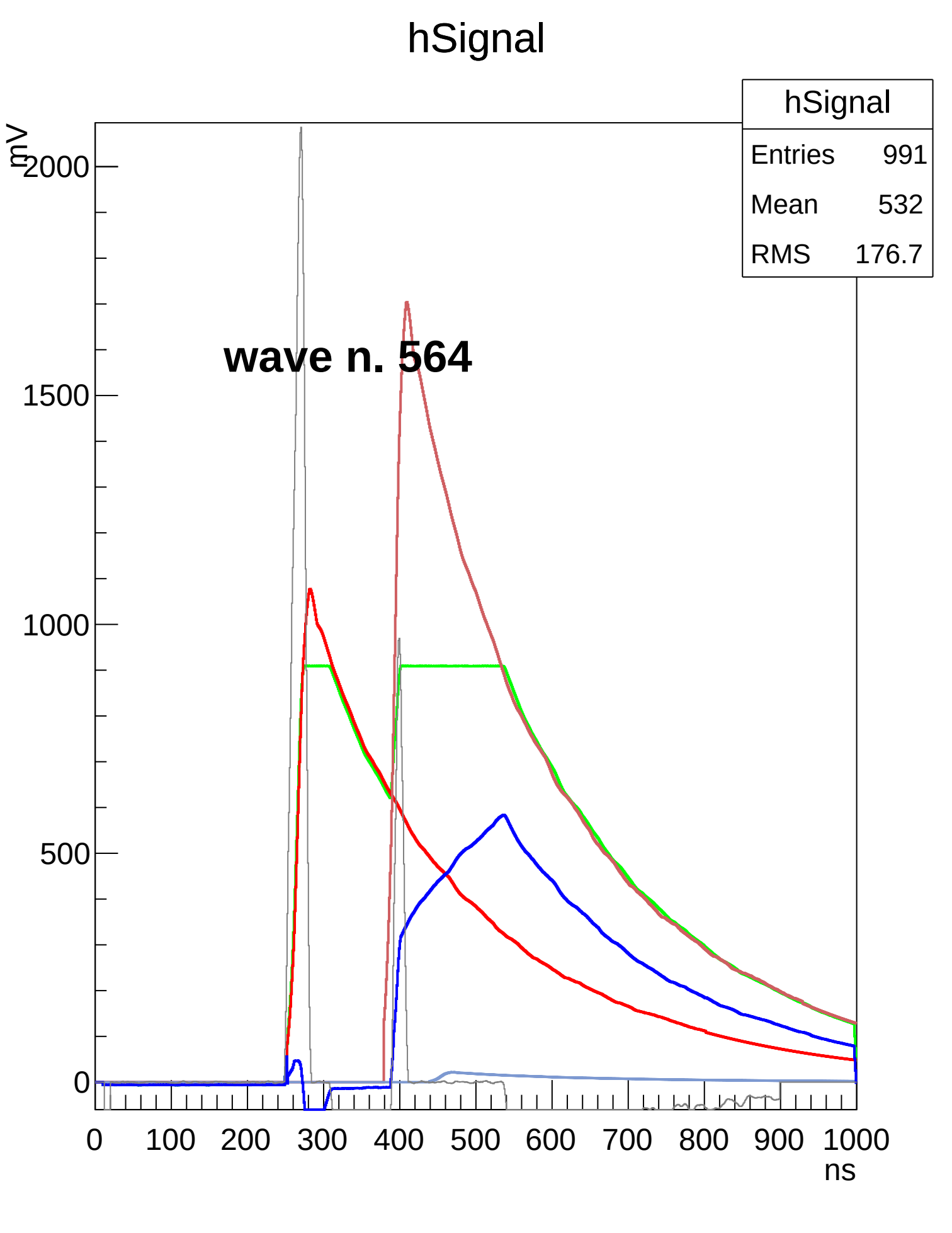

hSignal
hSignal
Entries 991
Mean 571.1
RMS 150.1
wave n. 559
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506.7
RMS 174.7
wave n. 560
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 429.6
RMS 173.2
wave n. 561
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 507.3
RMS 177
wave n. 562
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 585.9
RMS 187.3
wave n. 563
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 532
RMS 176.7
wave n. 564
mV
2000
1500
1000
500
0
0
100
200
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400
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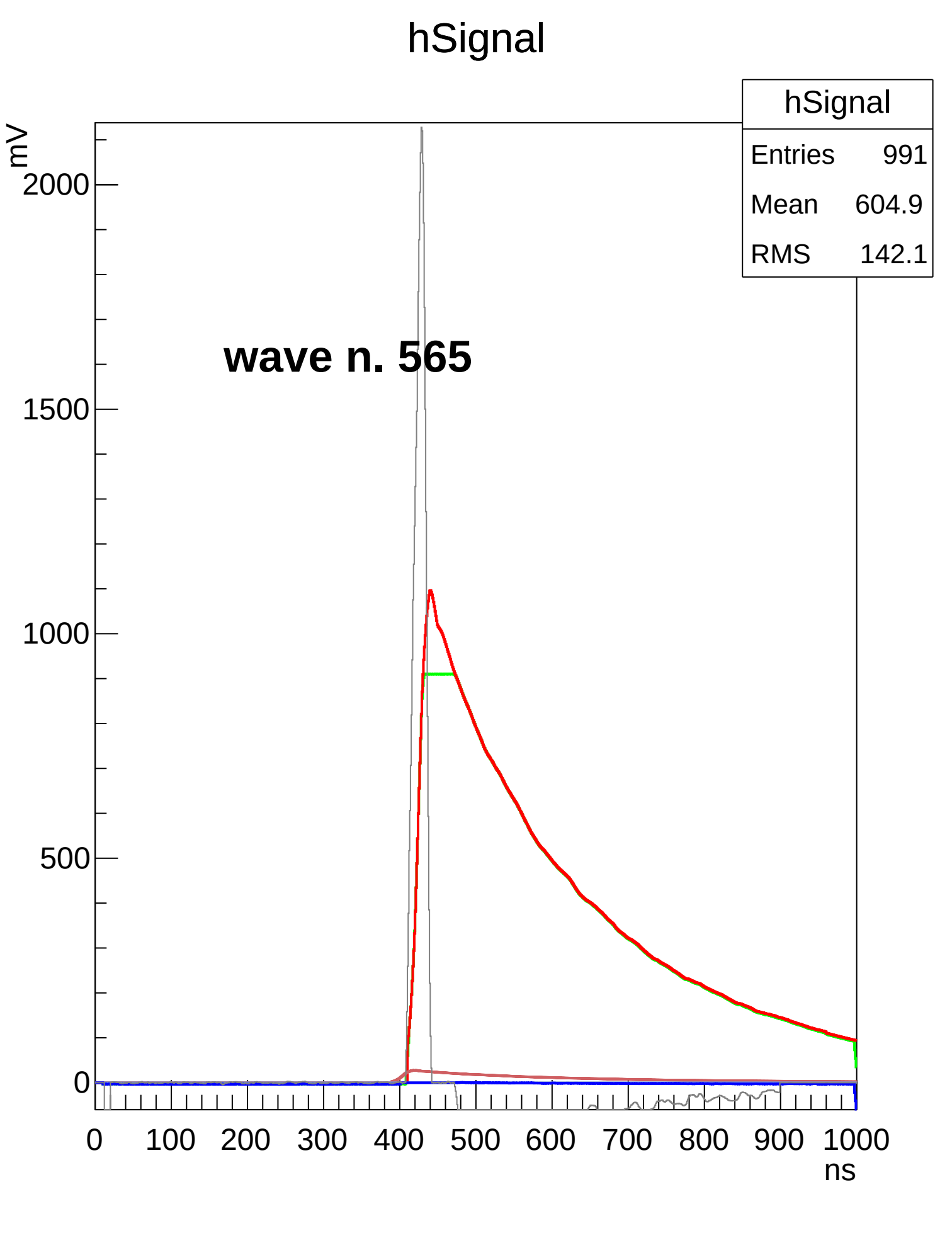
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 604.9
RMS 142.1
wave n. 565
mV
2000
1500
1000
500
0
0
100
200
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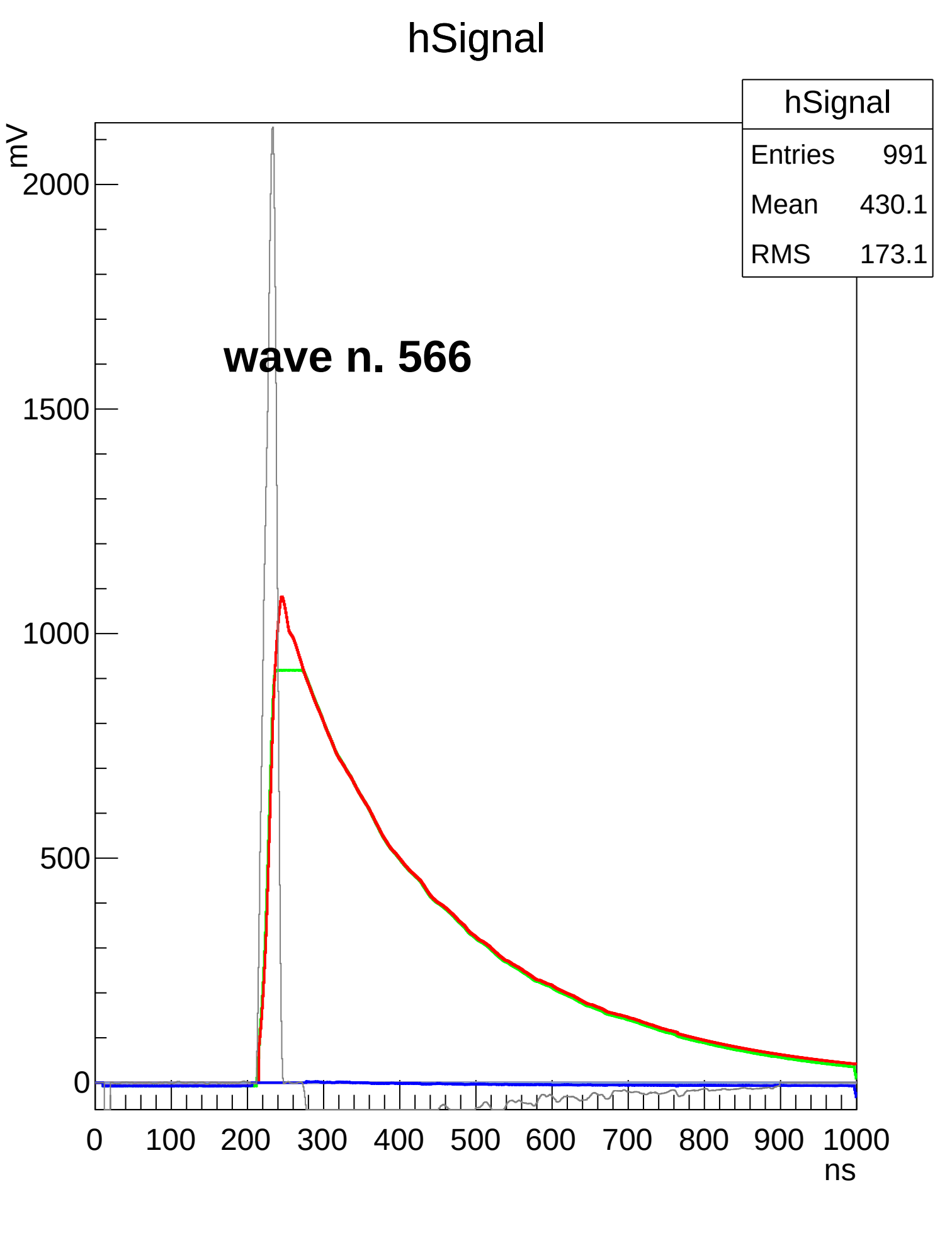
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 430.1
RMS 173.1
wave n. 566
mV
2000
1500
1000
500
0
0
100
200
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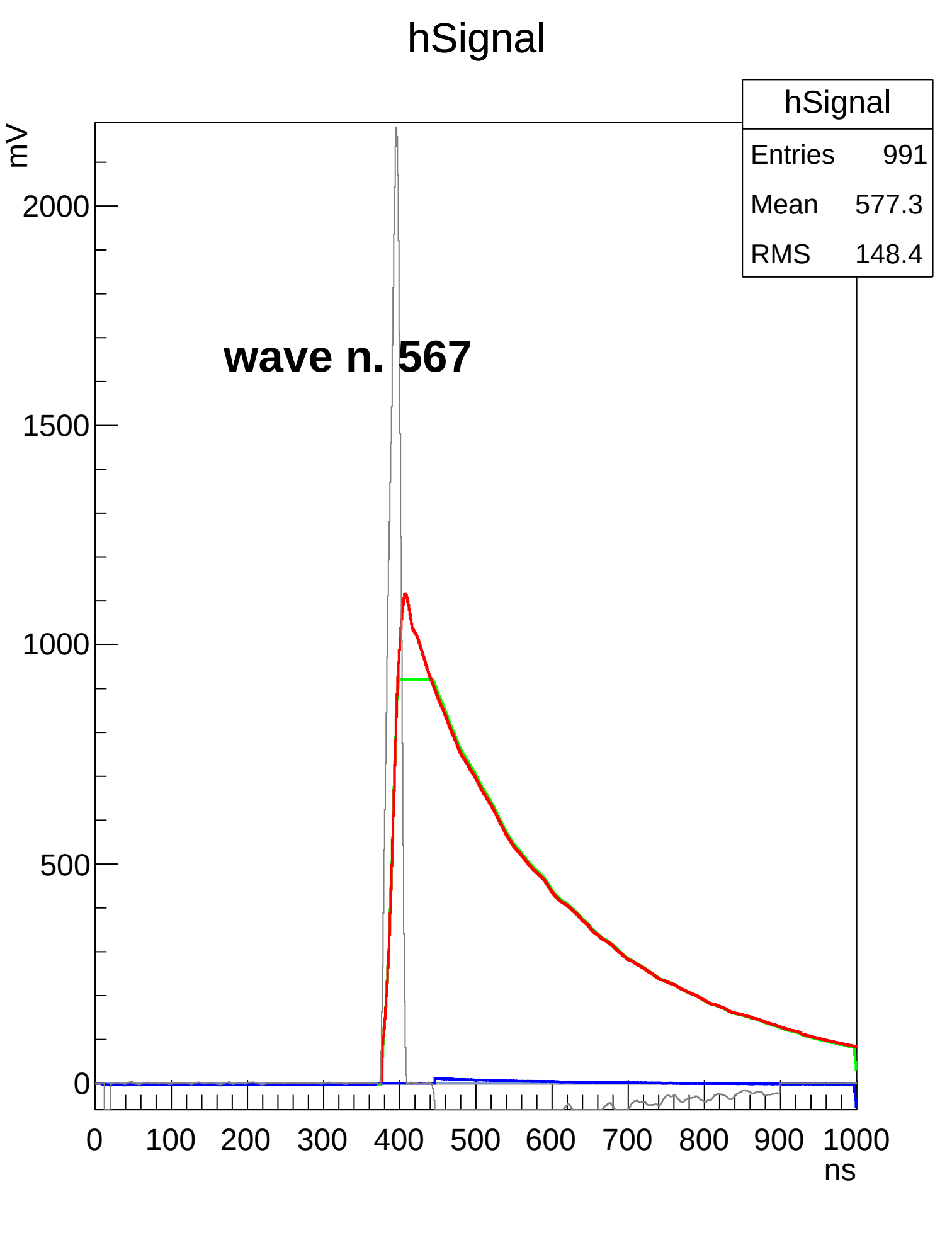
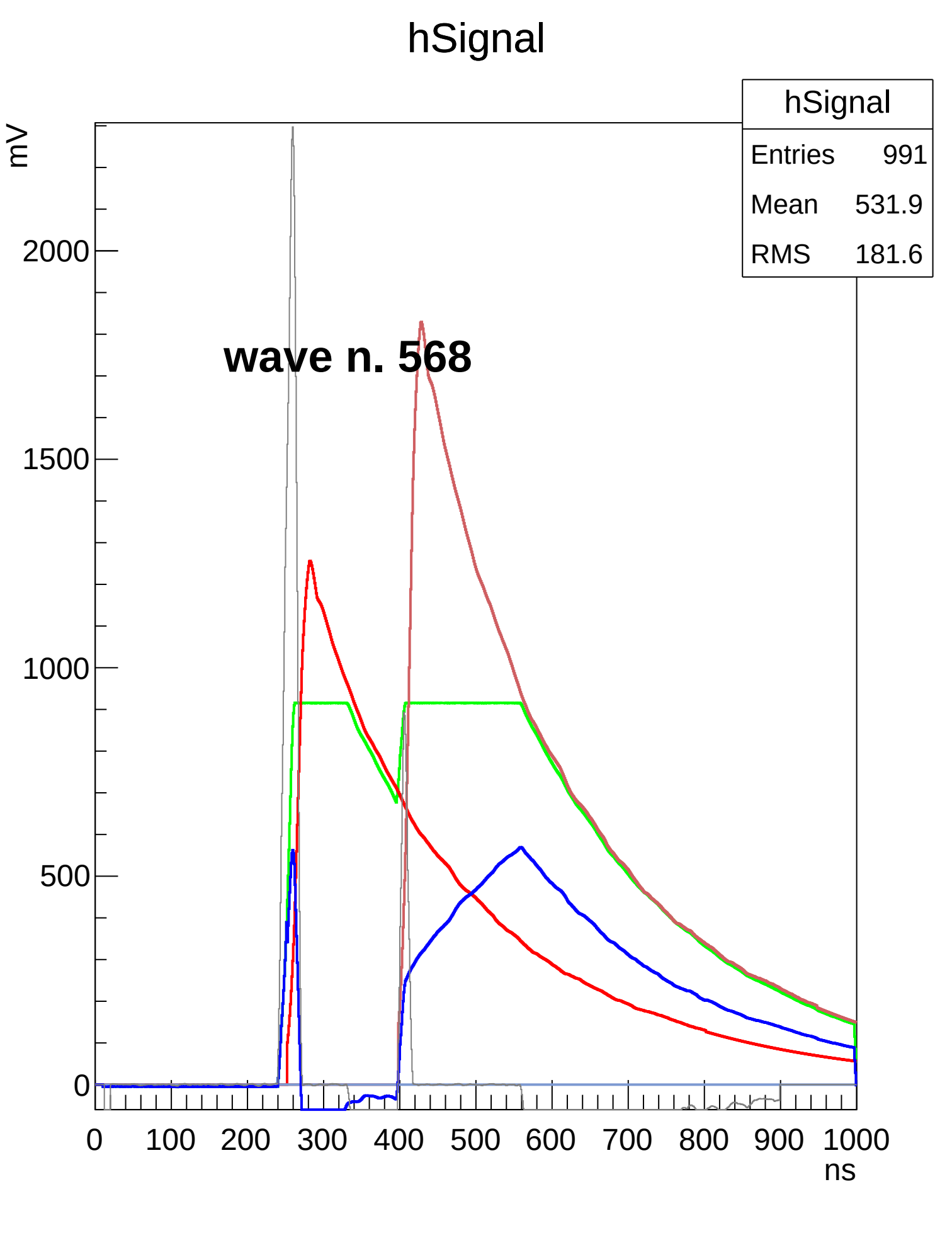
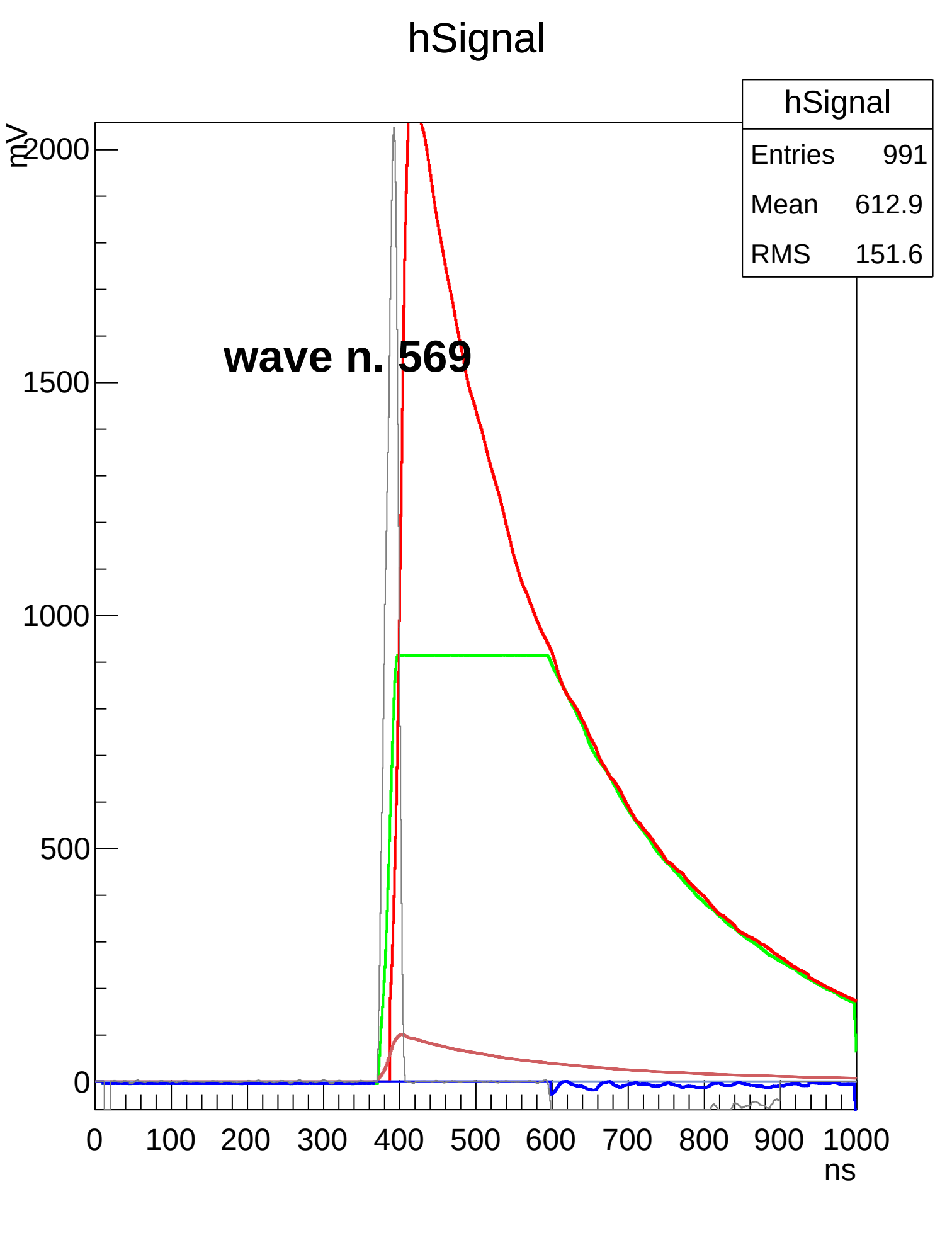
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.3
RMS 148.4
wave n. 567
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 531.9
RMS 181.6
wave n. 568
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 612.9
RMS 151.6
wave n. 569
mV
2000
1500
1000
500
0
0
100
200
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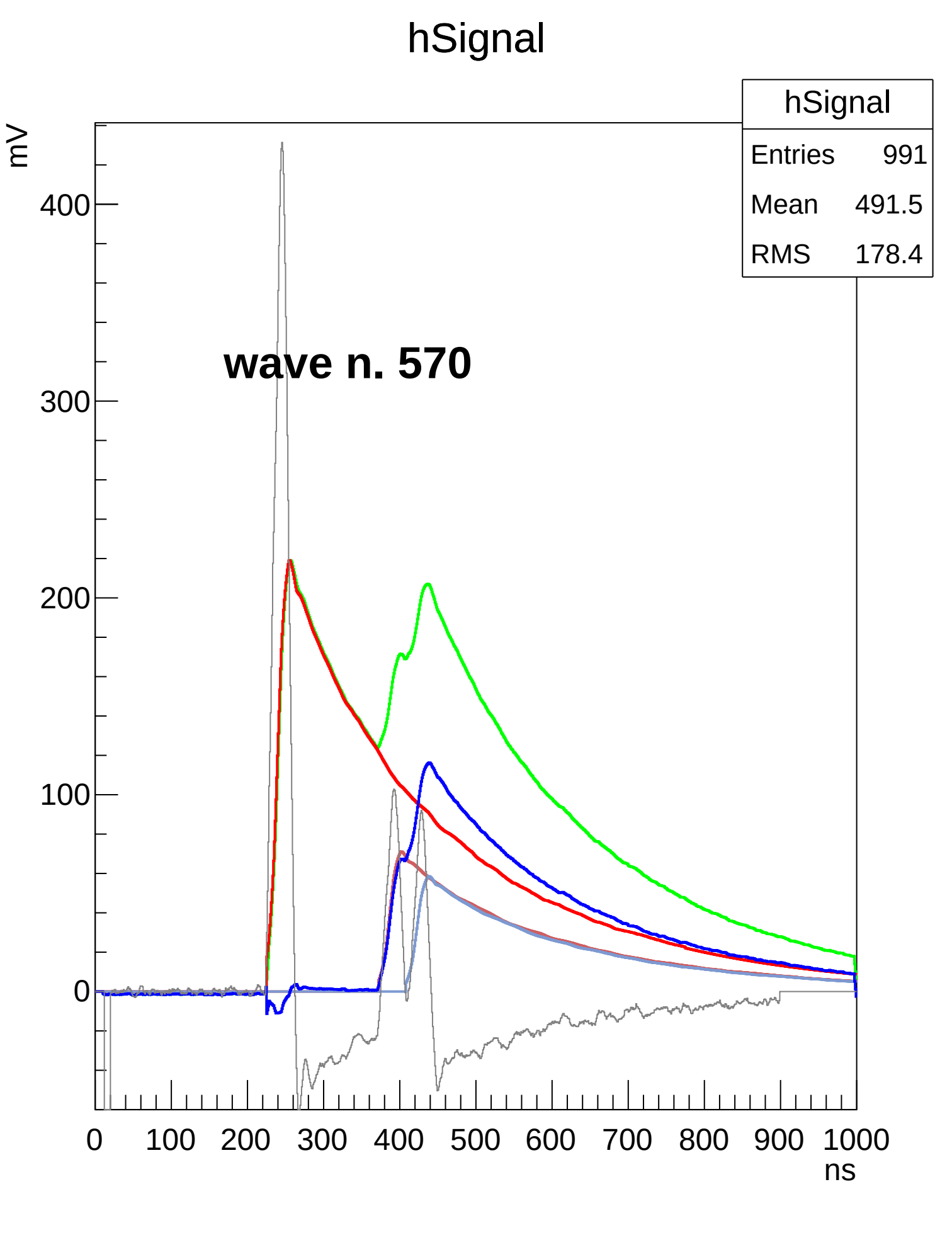
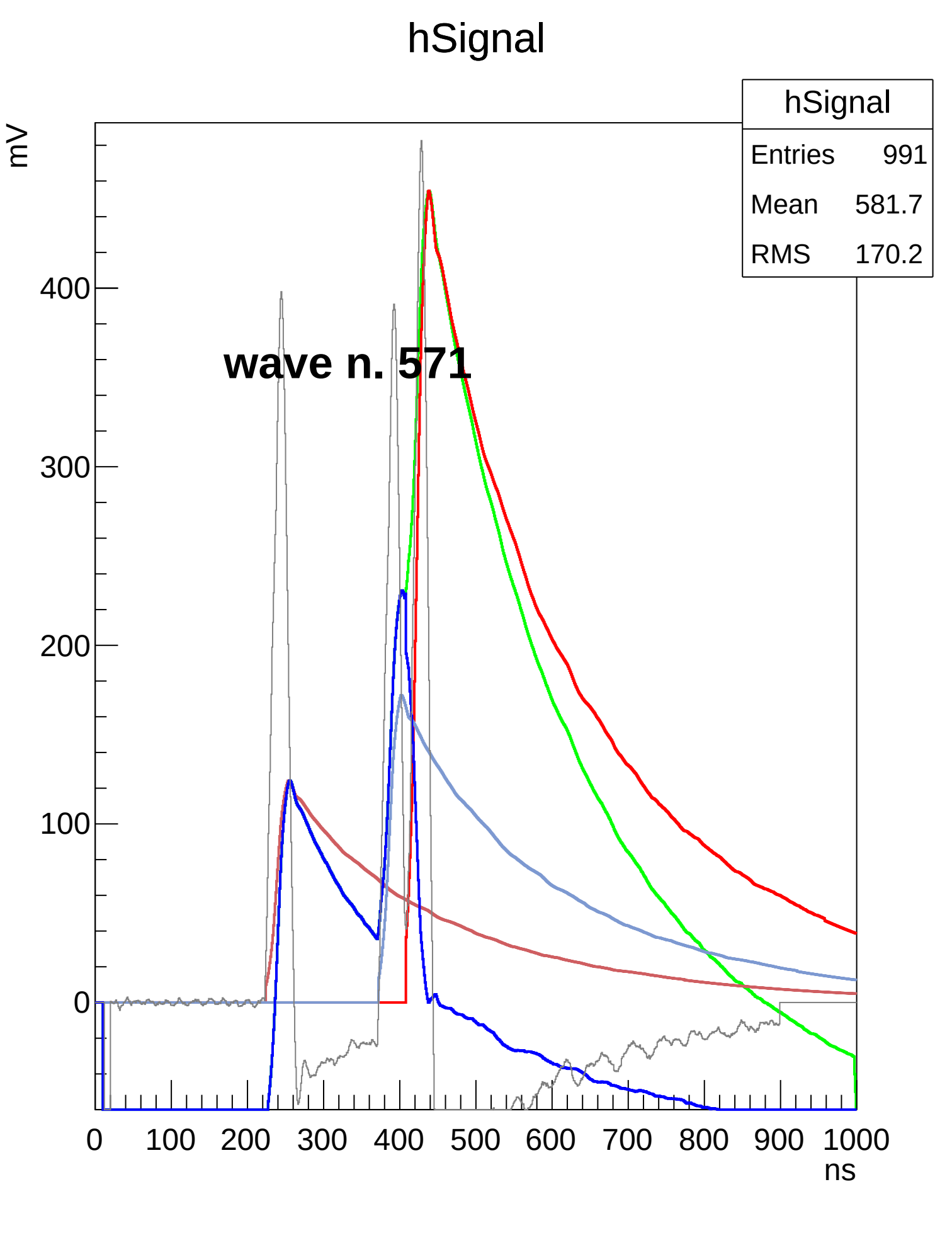
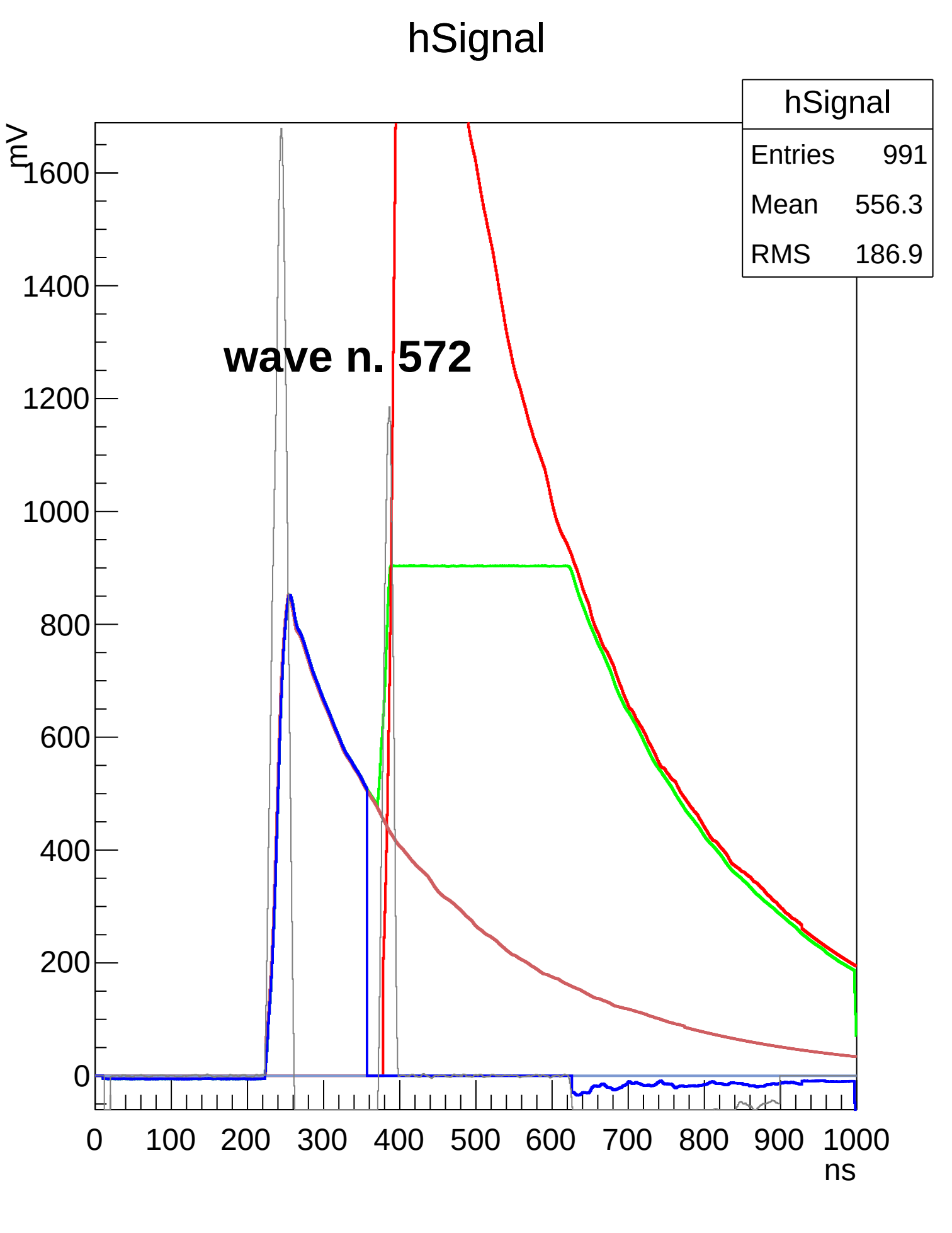
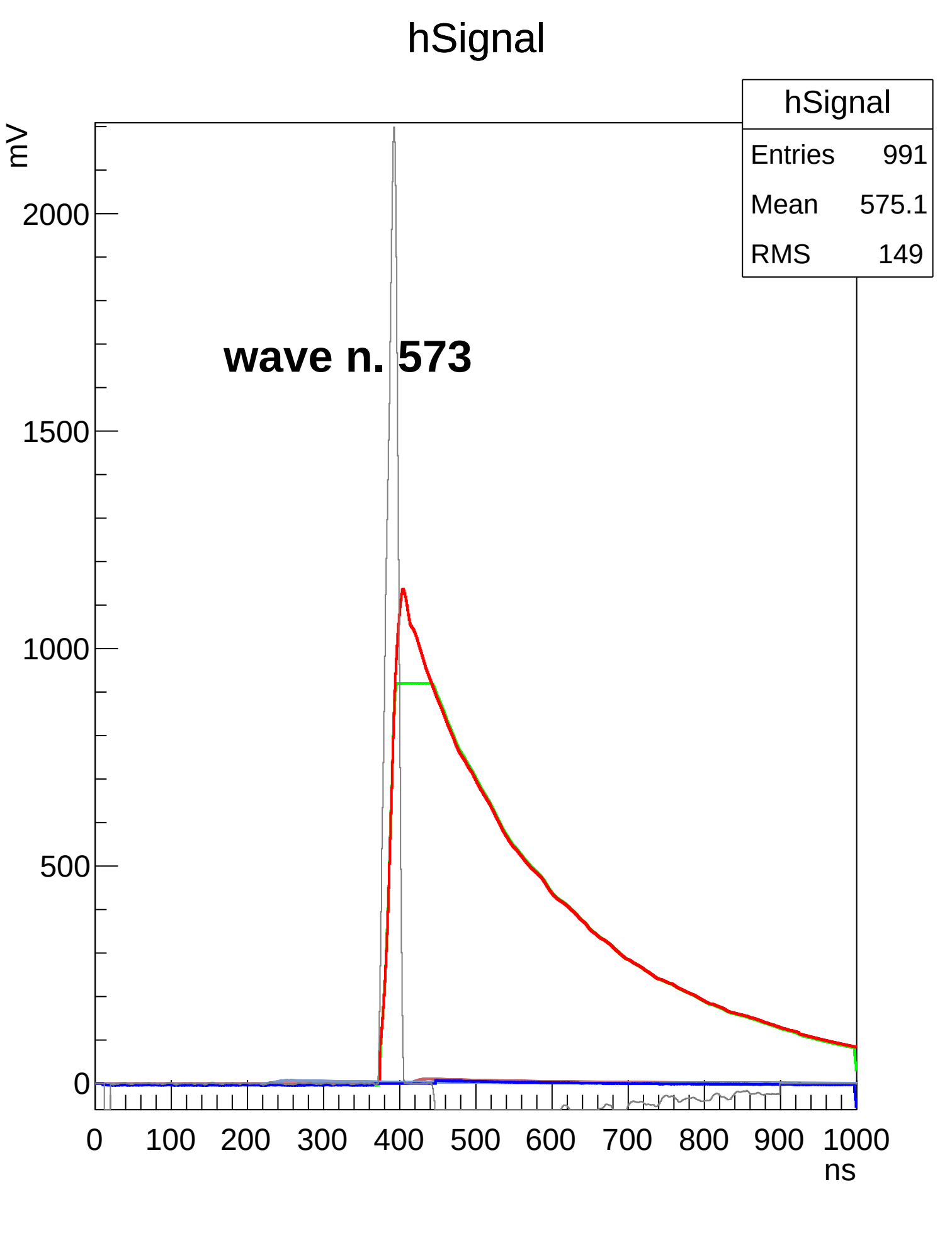
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 491.5
RMS 178.4
wave n. 570
mV
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 581.7
RMS 170.2
wave n. 571
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 556.3
RMS 186.9
wave n. 572
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 575.1
RMS 149
wave n. 573
mV
2000
1500
1000
500
0
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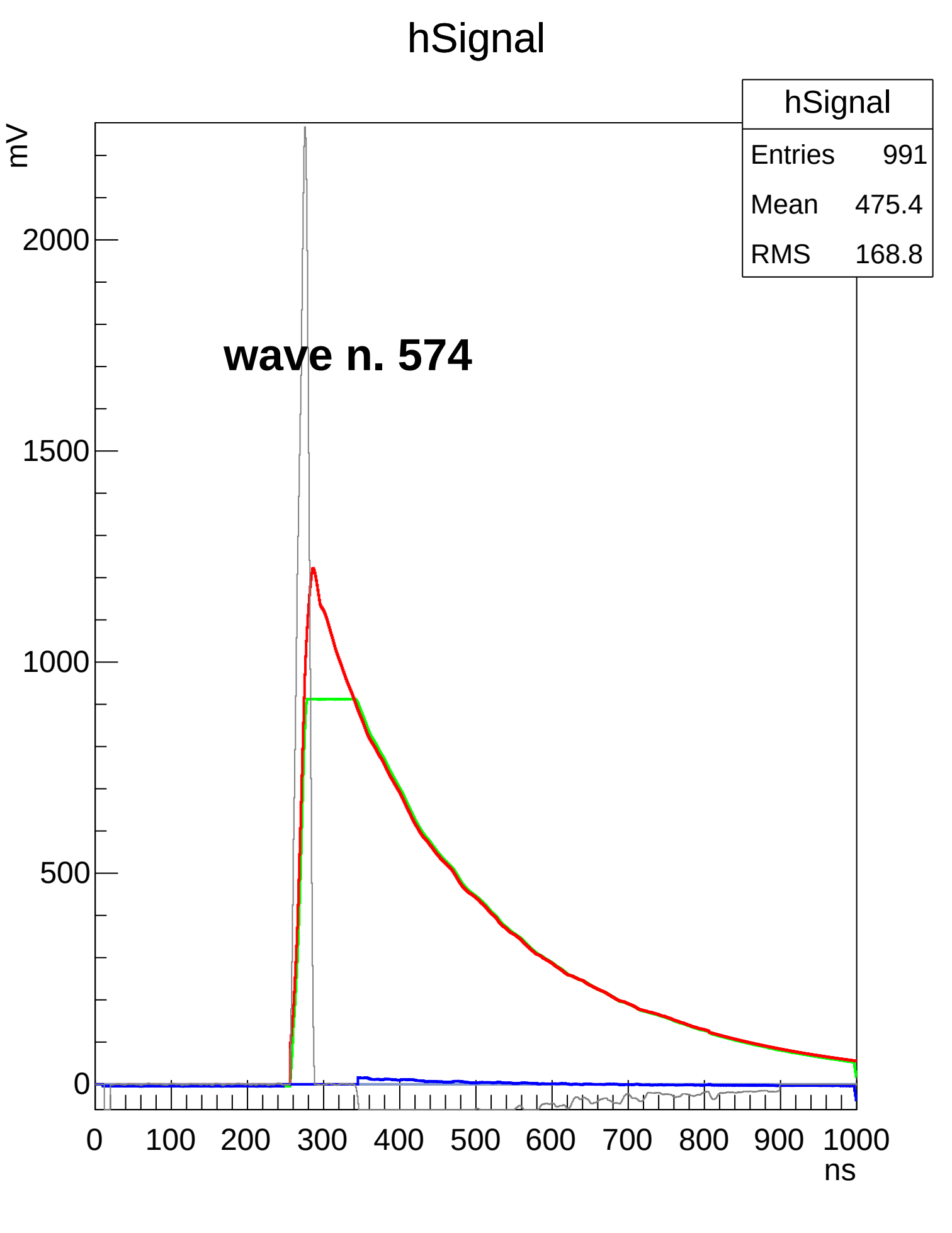
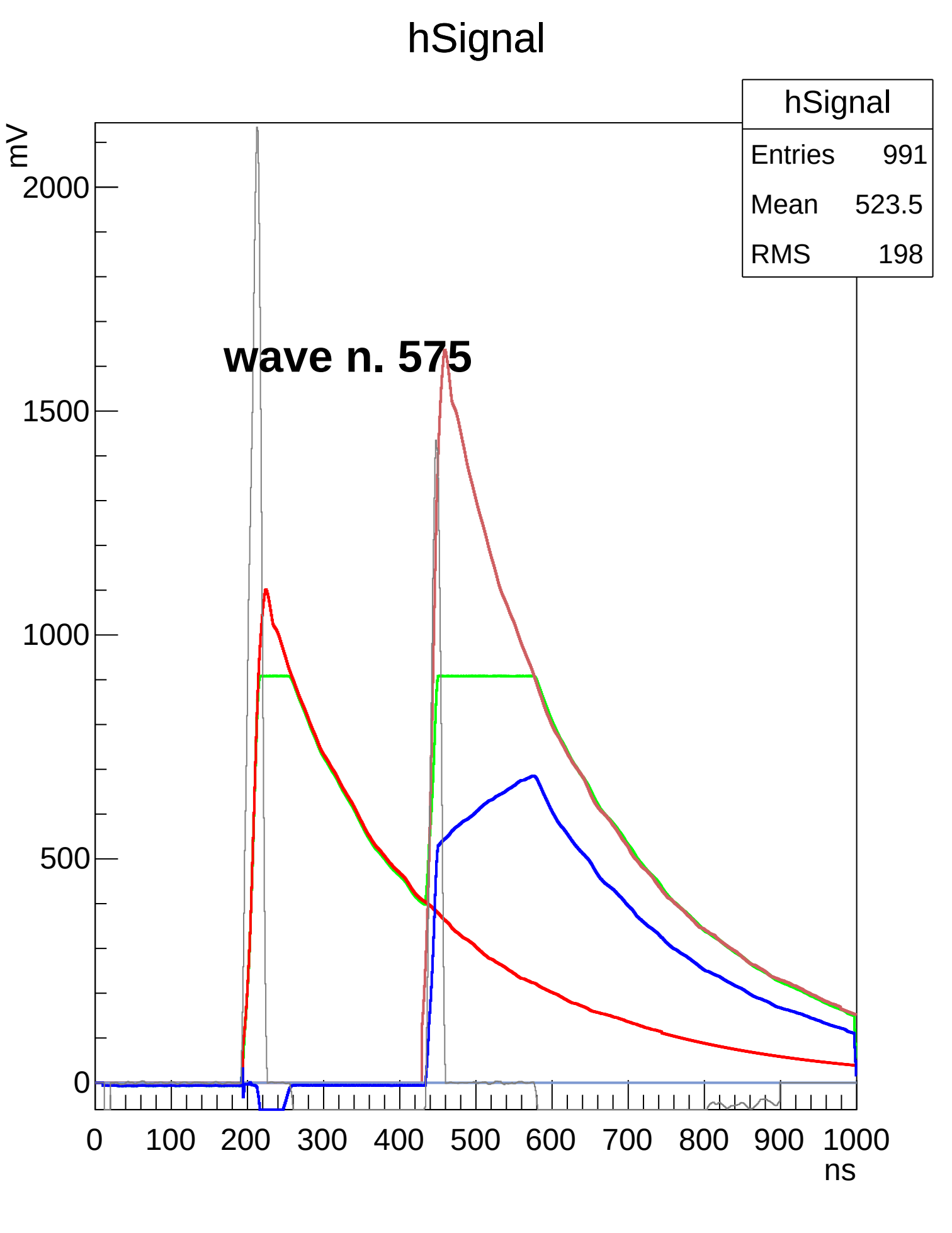
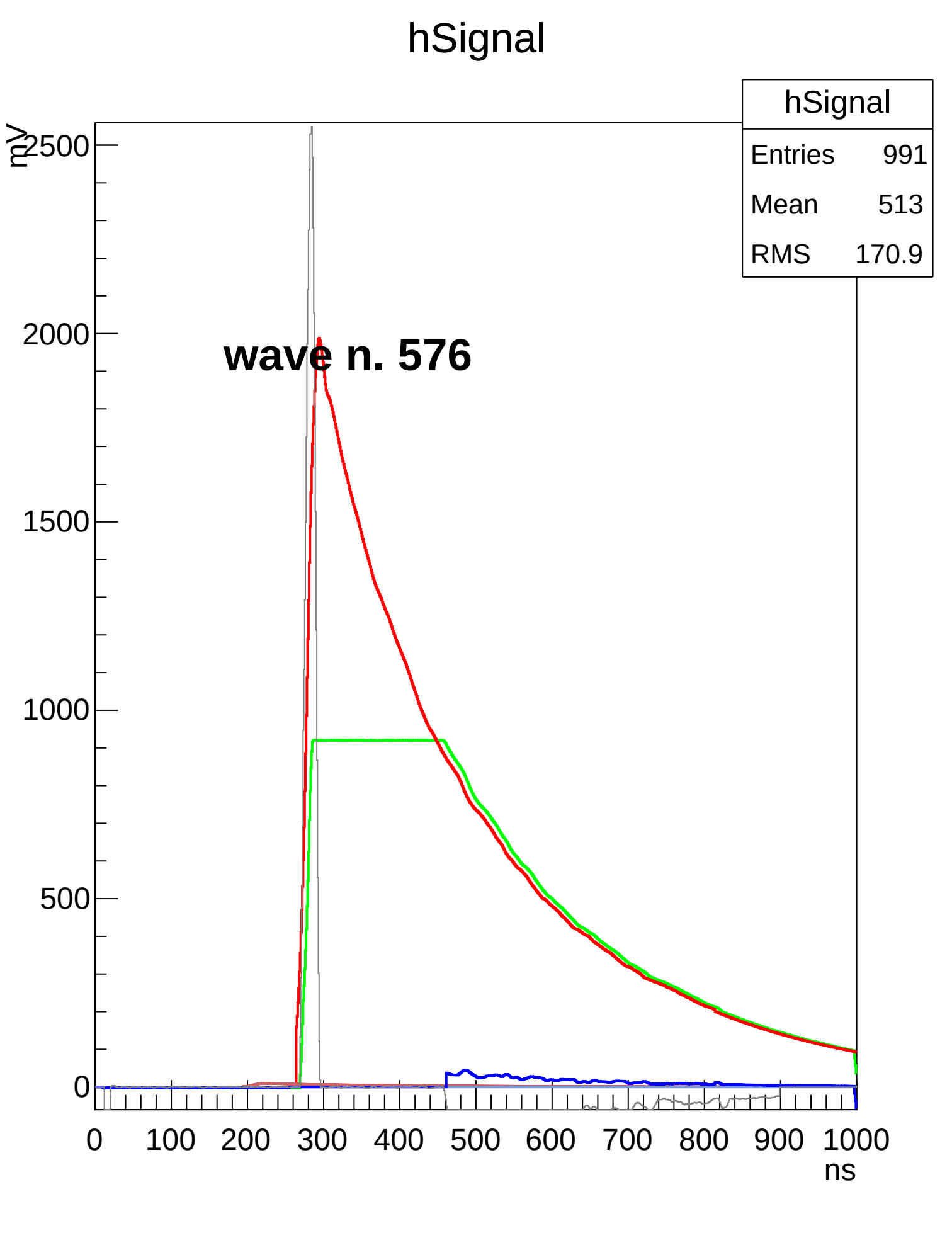
ns


hSignal
hSignal
Entries 991
Mean 475.4
RMS 168.8
wave n. 574
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 523.5
RMS 198
wave n. 575
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 513
RMS 170.9
wave n. 576
mV
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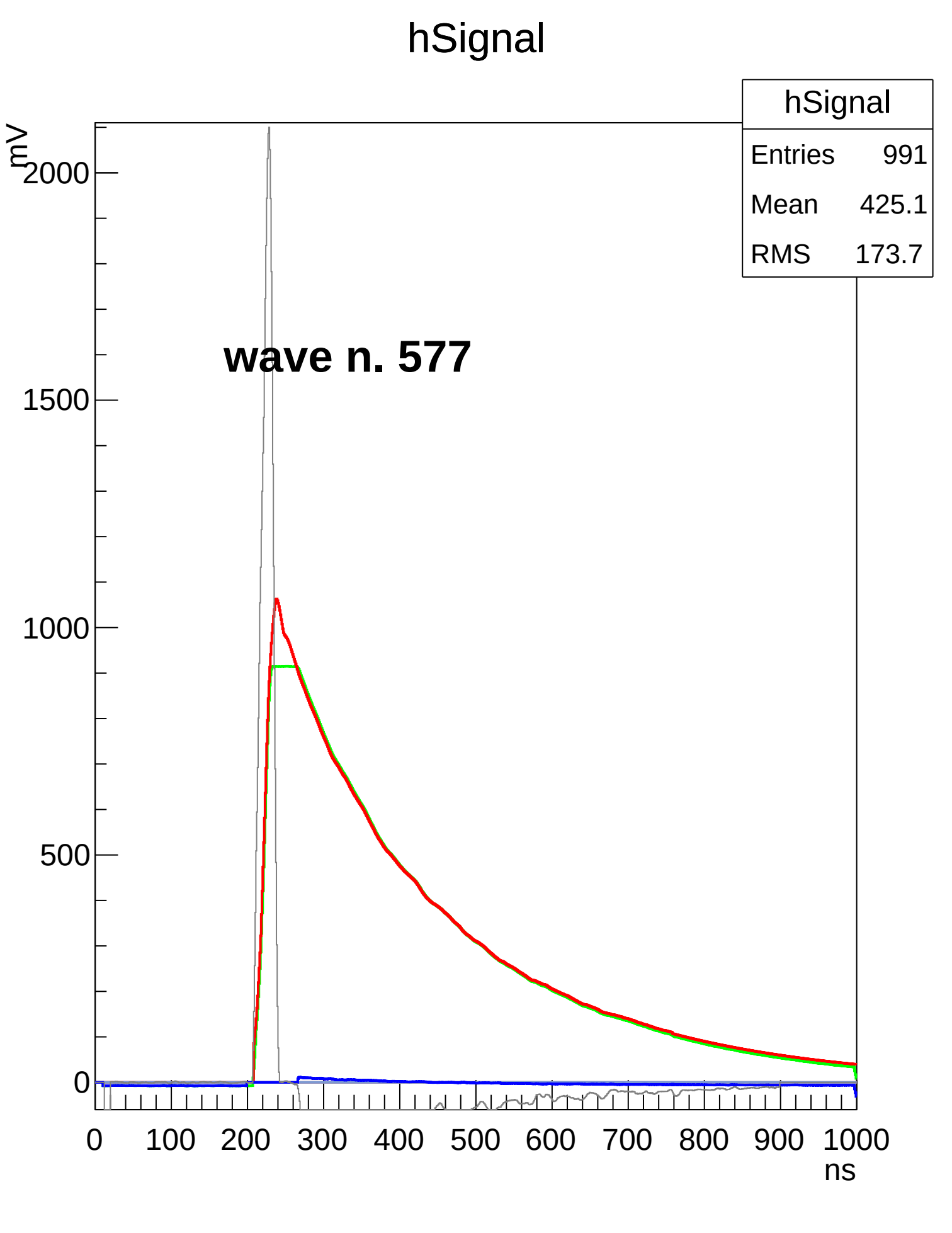
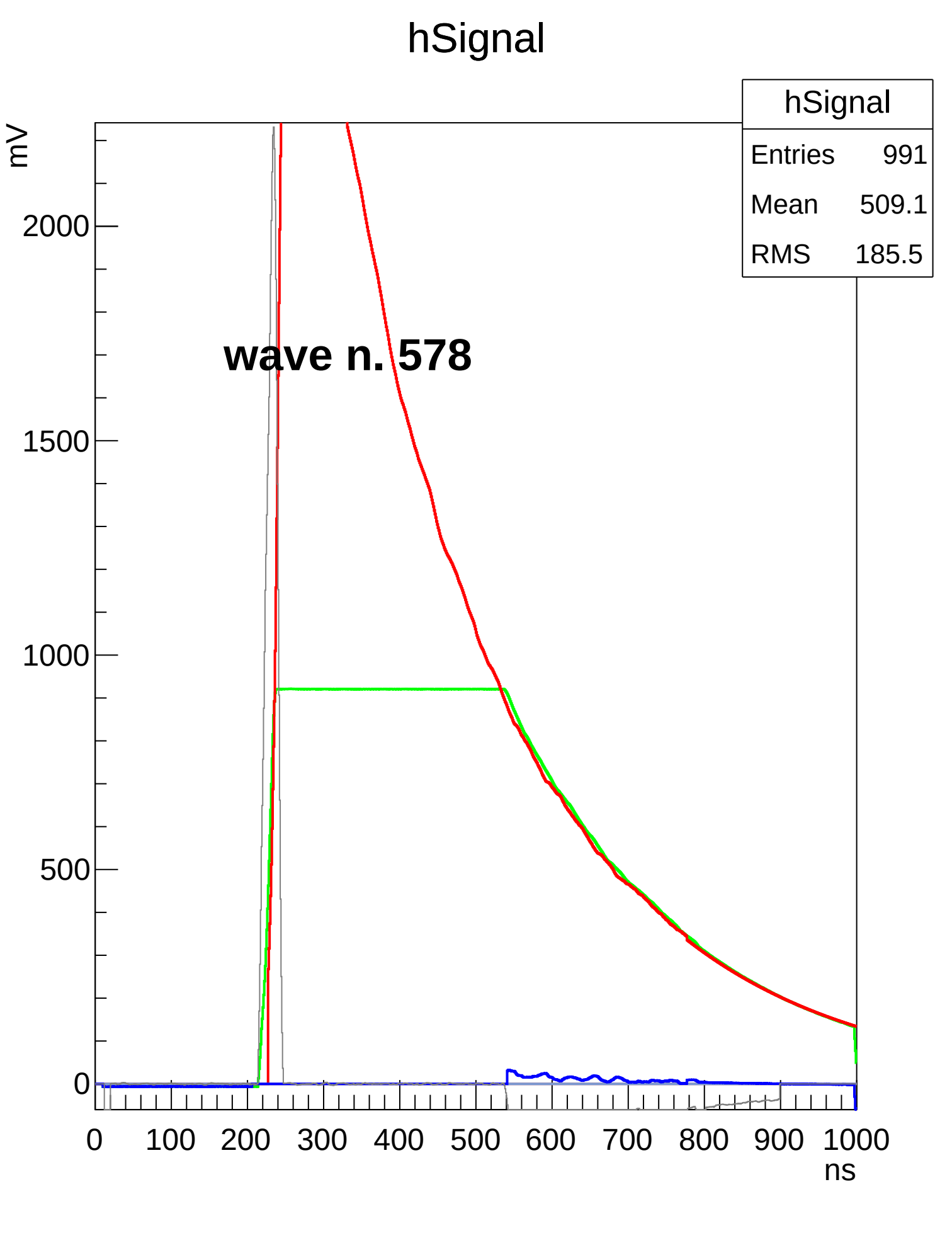
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 425.1
RMS 173.7
wave n. 577
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 509.1
RMS 185.5
wave n. 578
mV
2000
1500
1000
500
0
0
100
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400
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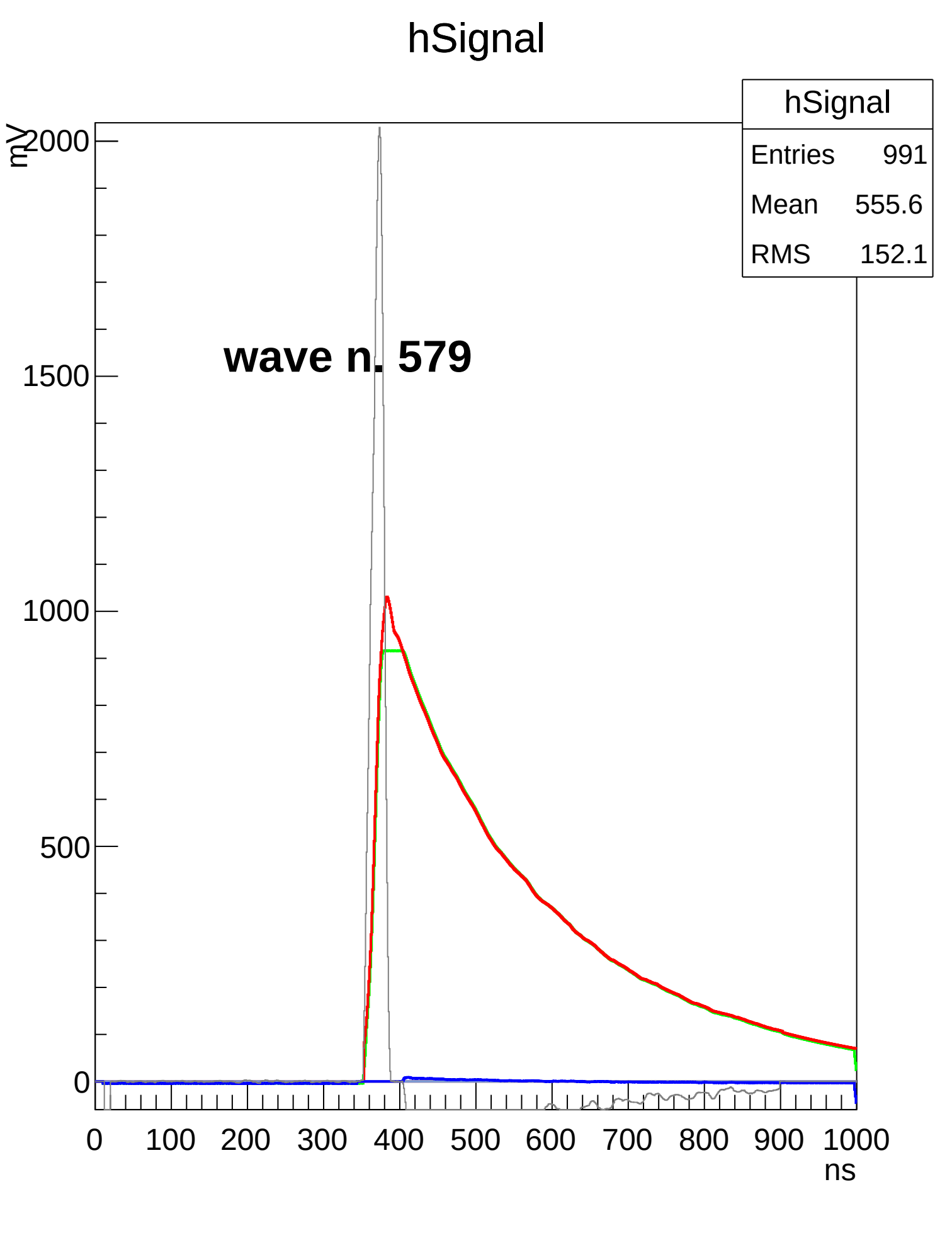
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 555.6
RMS 152.1
wave n. 579
mV
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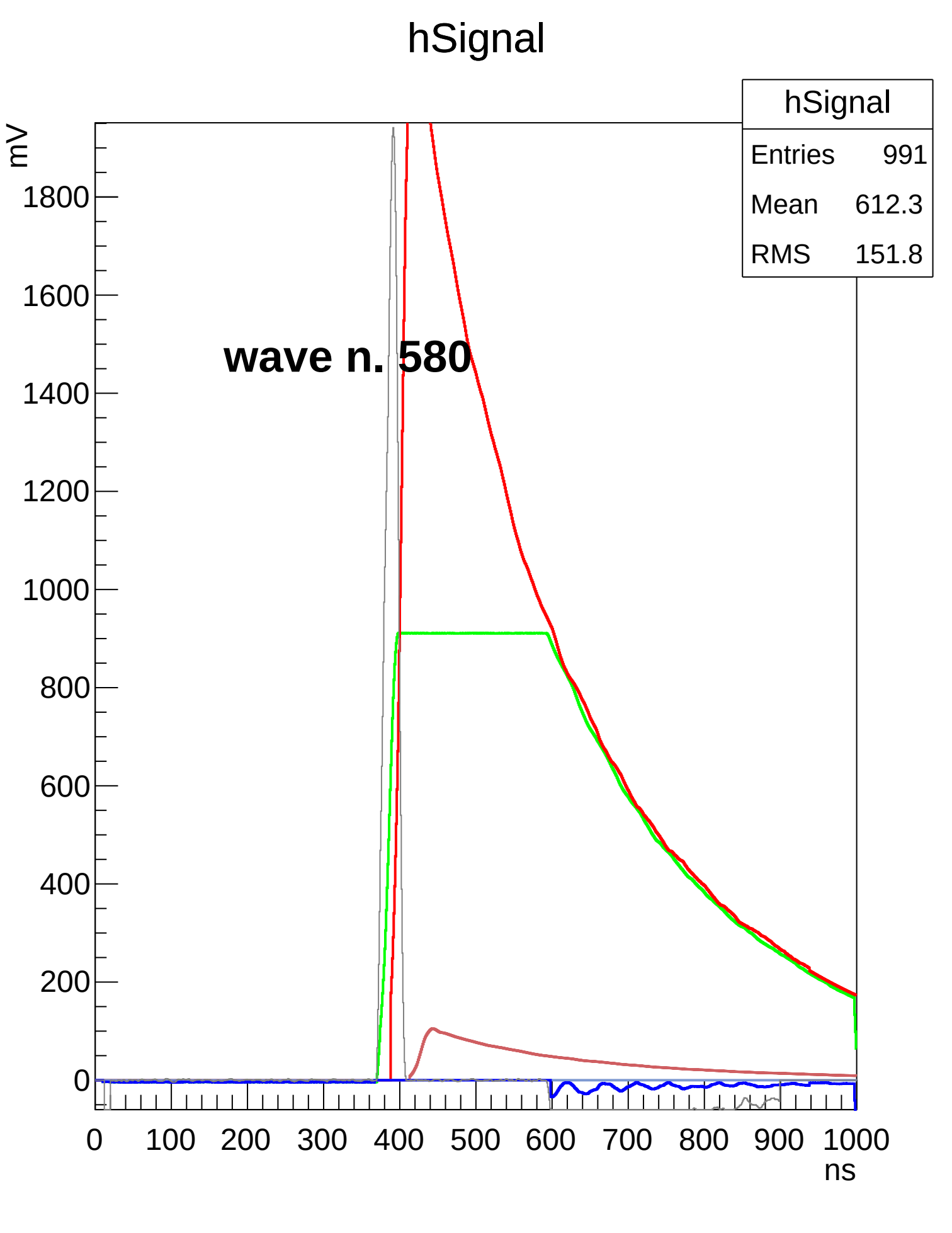
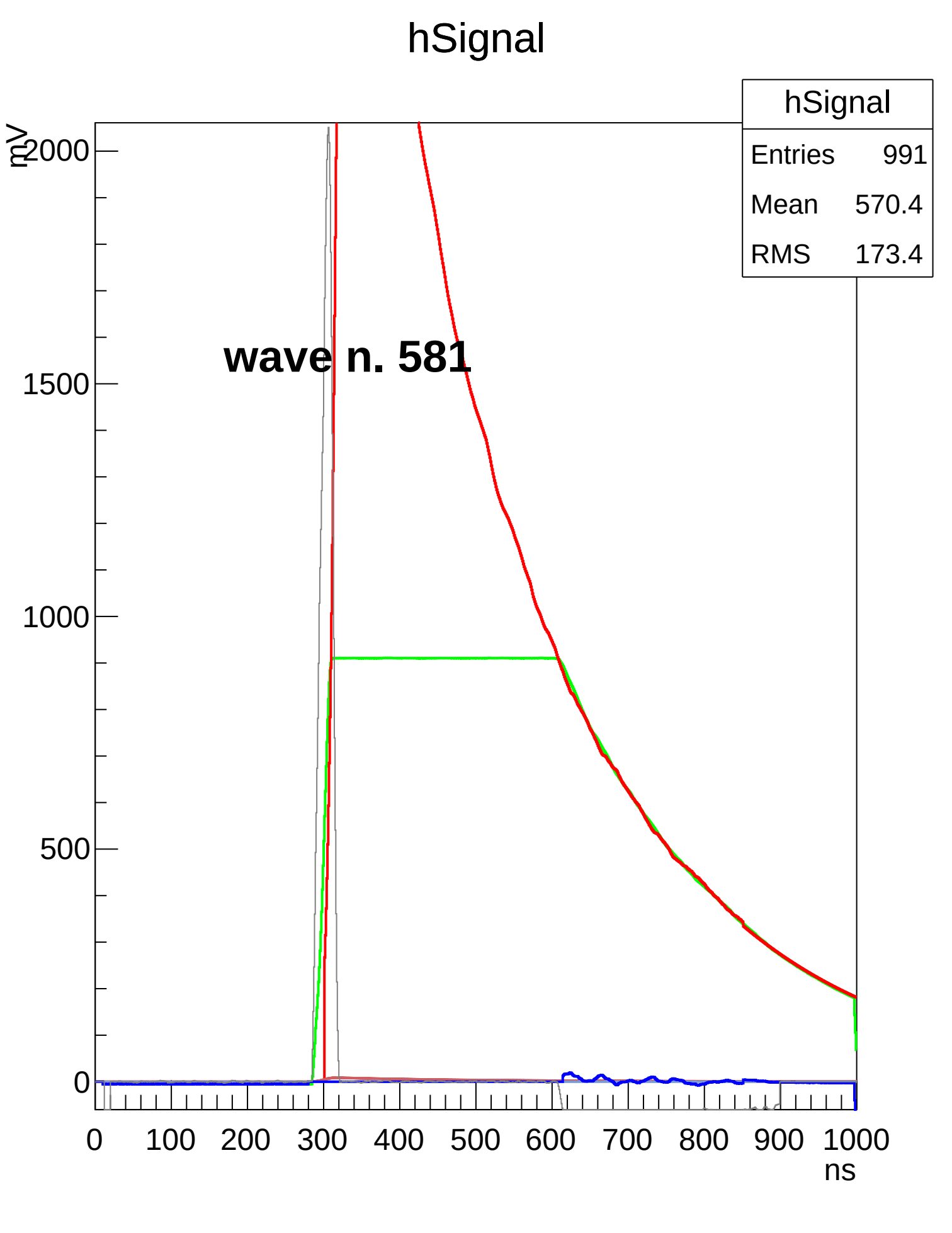
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 612.3
RMS 151.8
wave n. 580
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 570.4
RMS 173.4
wave n. 581
mV
2000
1500
1000
500
0
0
100
200
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400
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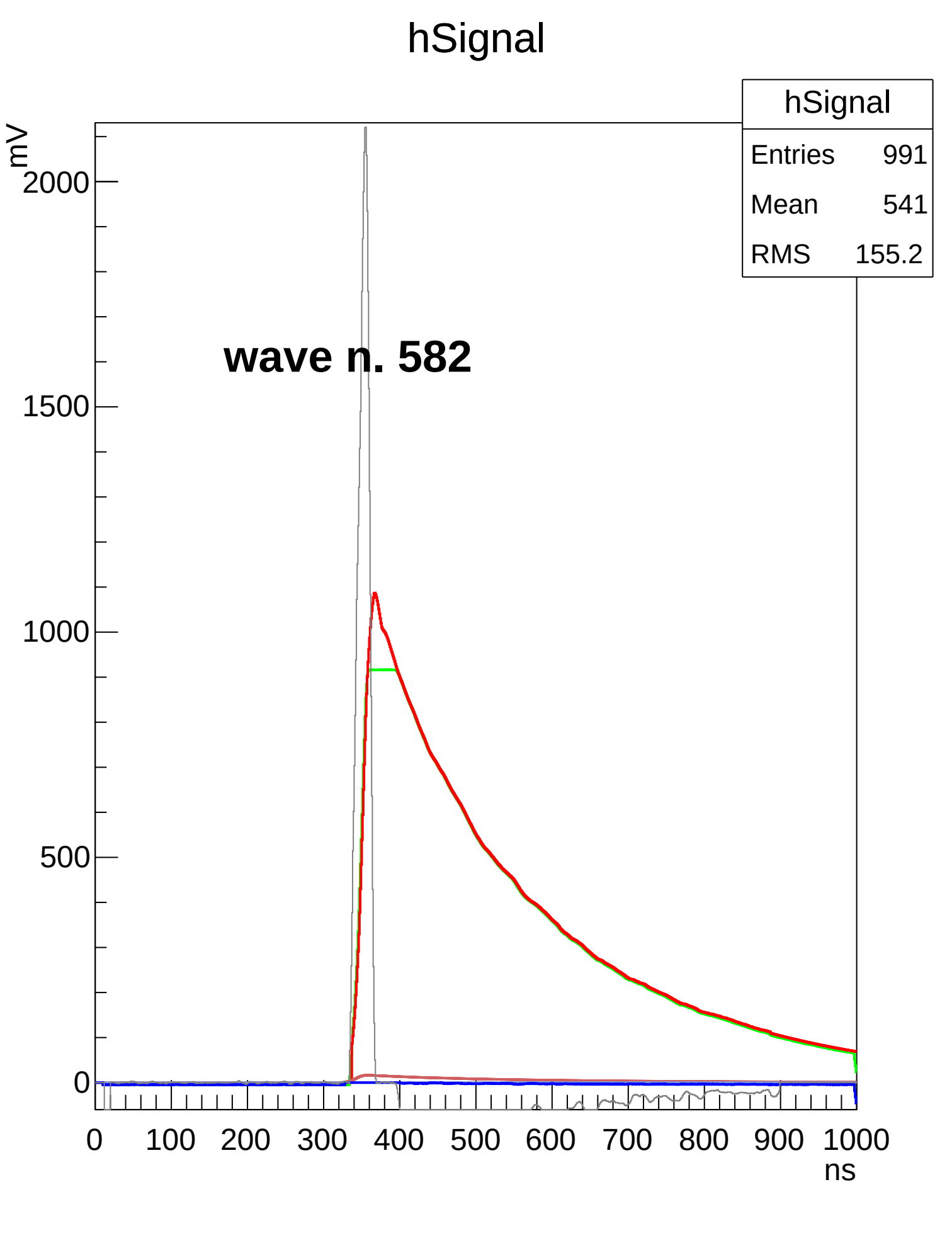
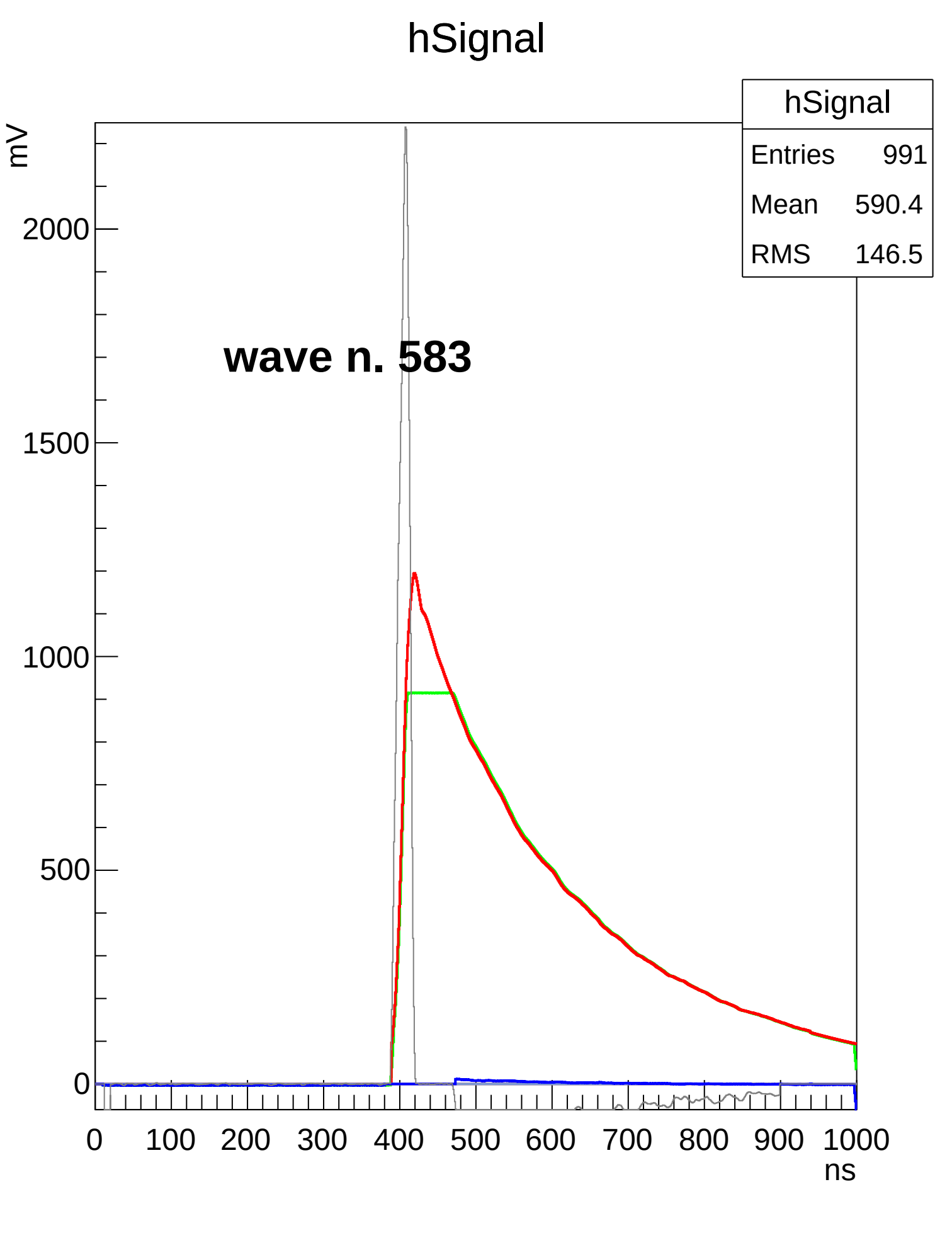
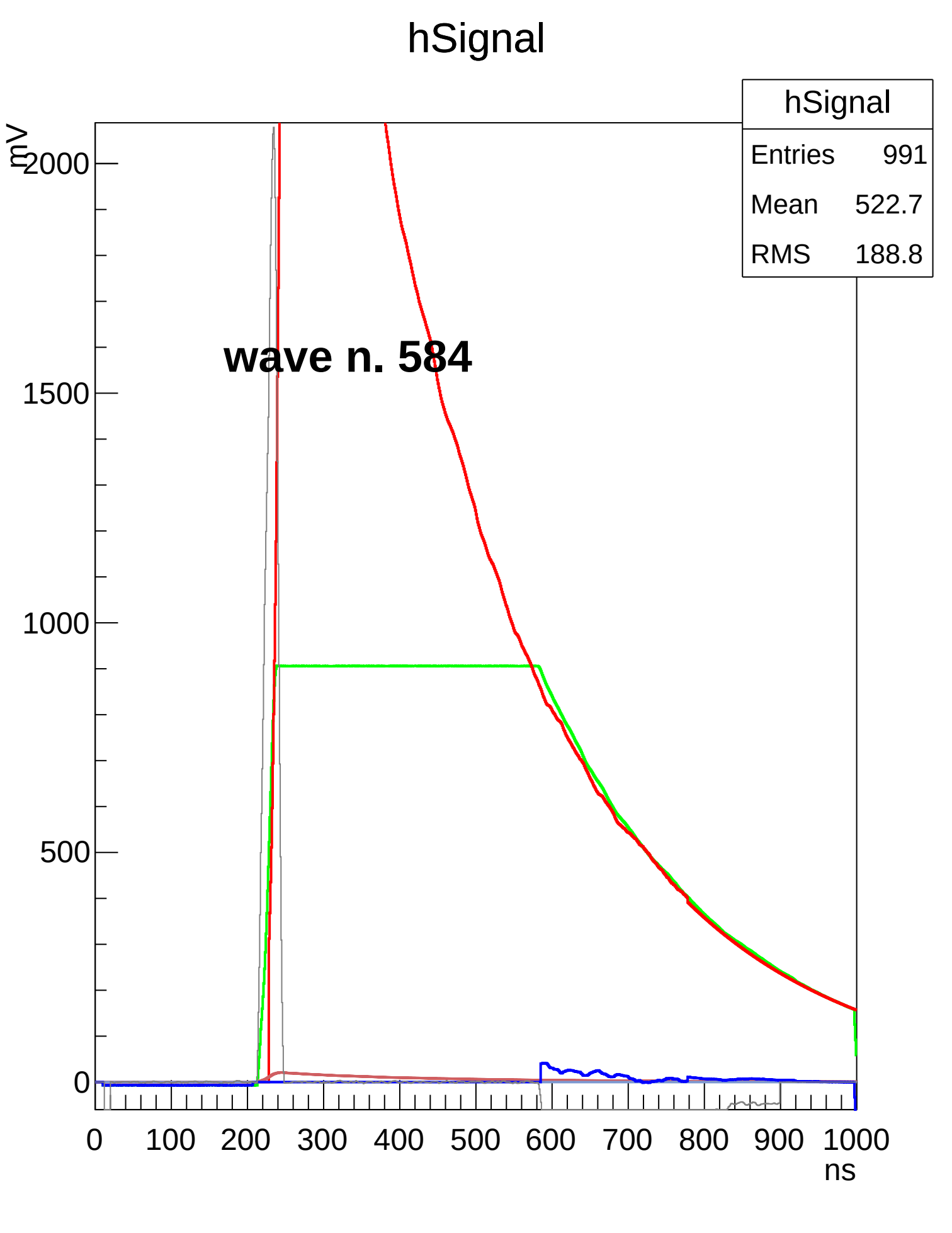
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 541
RMS 155.2
wave n. 582
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 590.4
RMS 146.5
wave n. 583
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 522.7
RMS 188.8
wave n. 584
mV
2000
1500
1000
500
0
0
100
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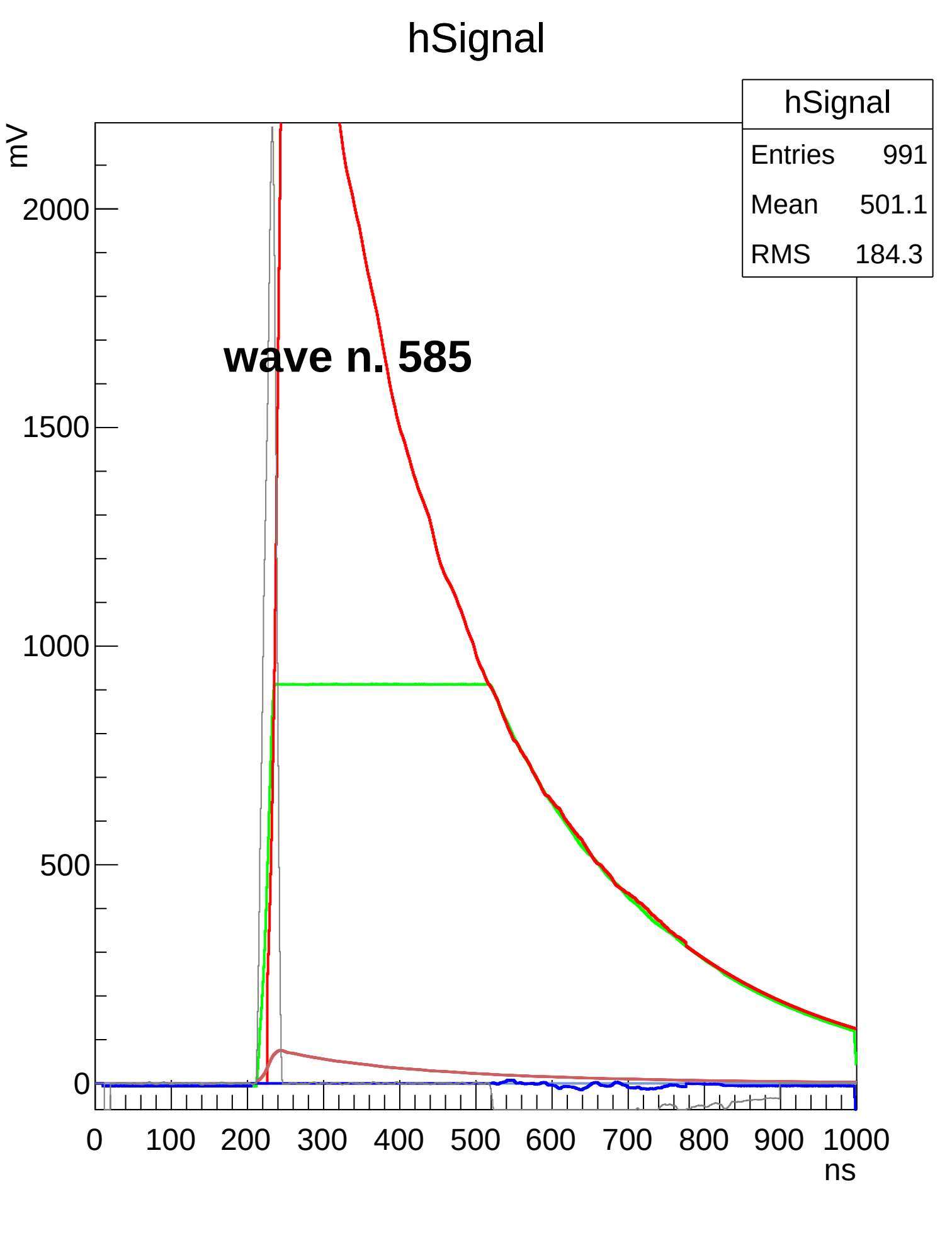
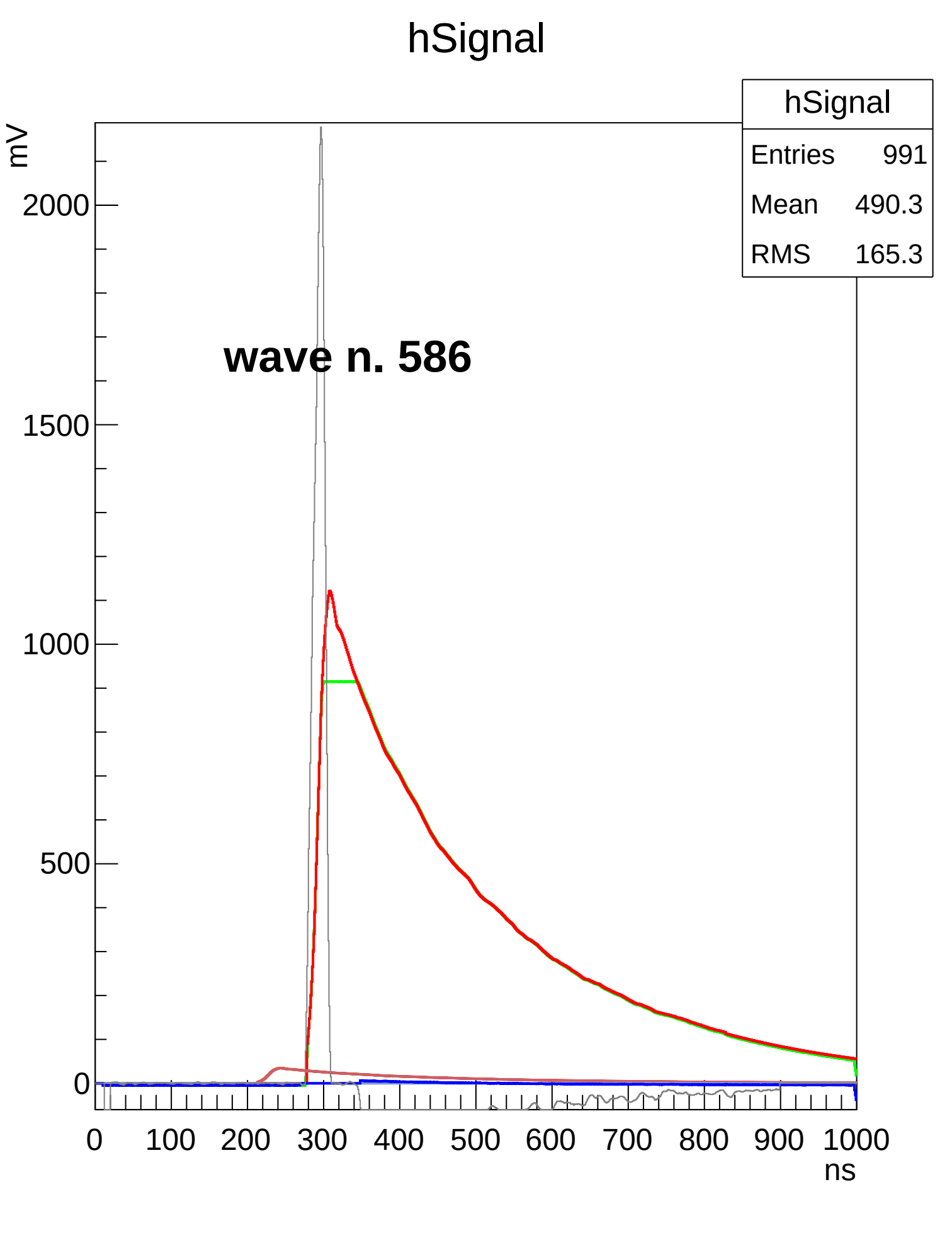
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 501.1
RMS 184.3
wave n. 585
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 490.3
RMS 165.3
wave n. 586
mV
2000
1500
1000
500
0
0
100
200
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400
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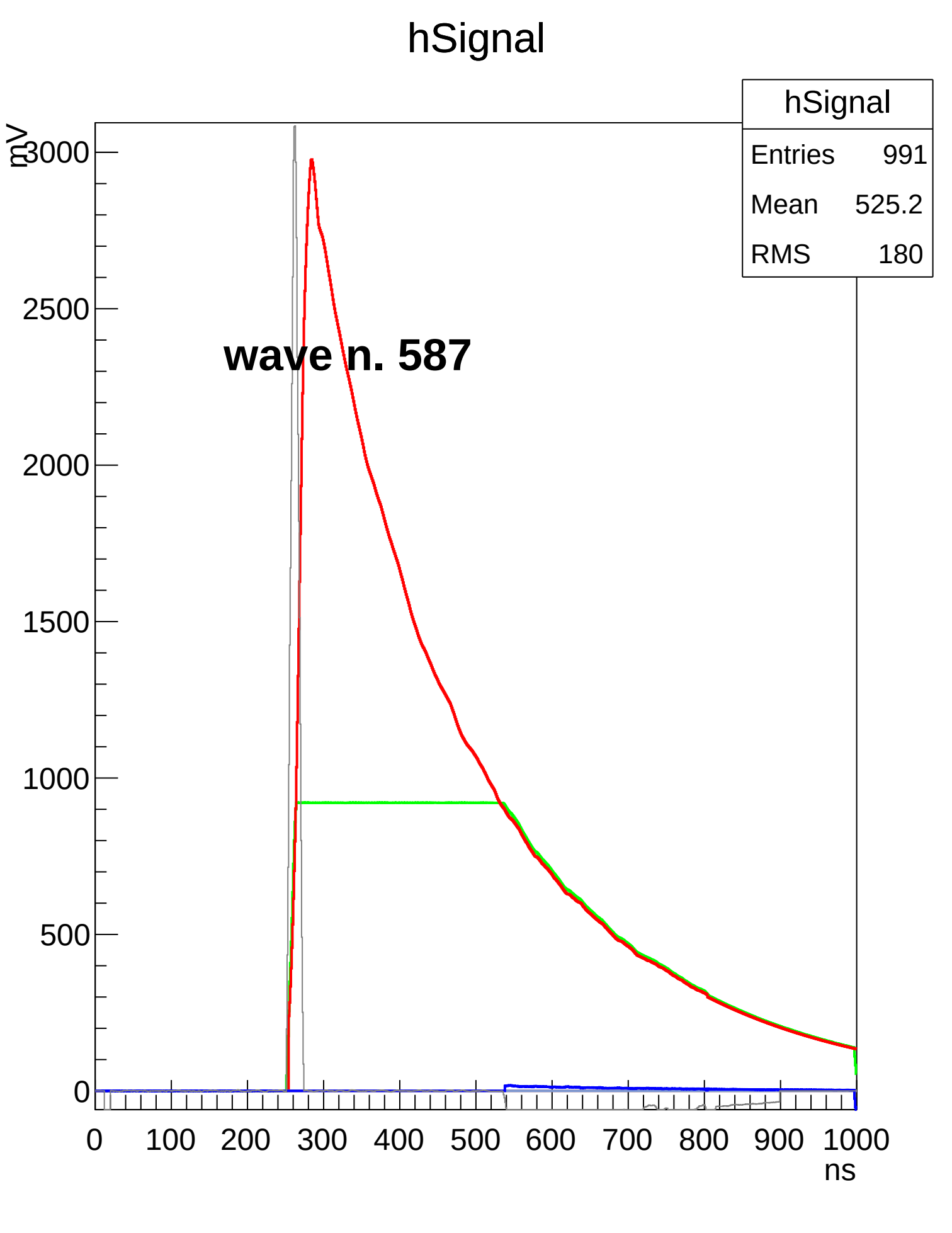
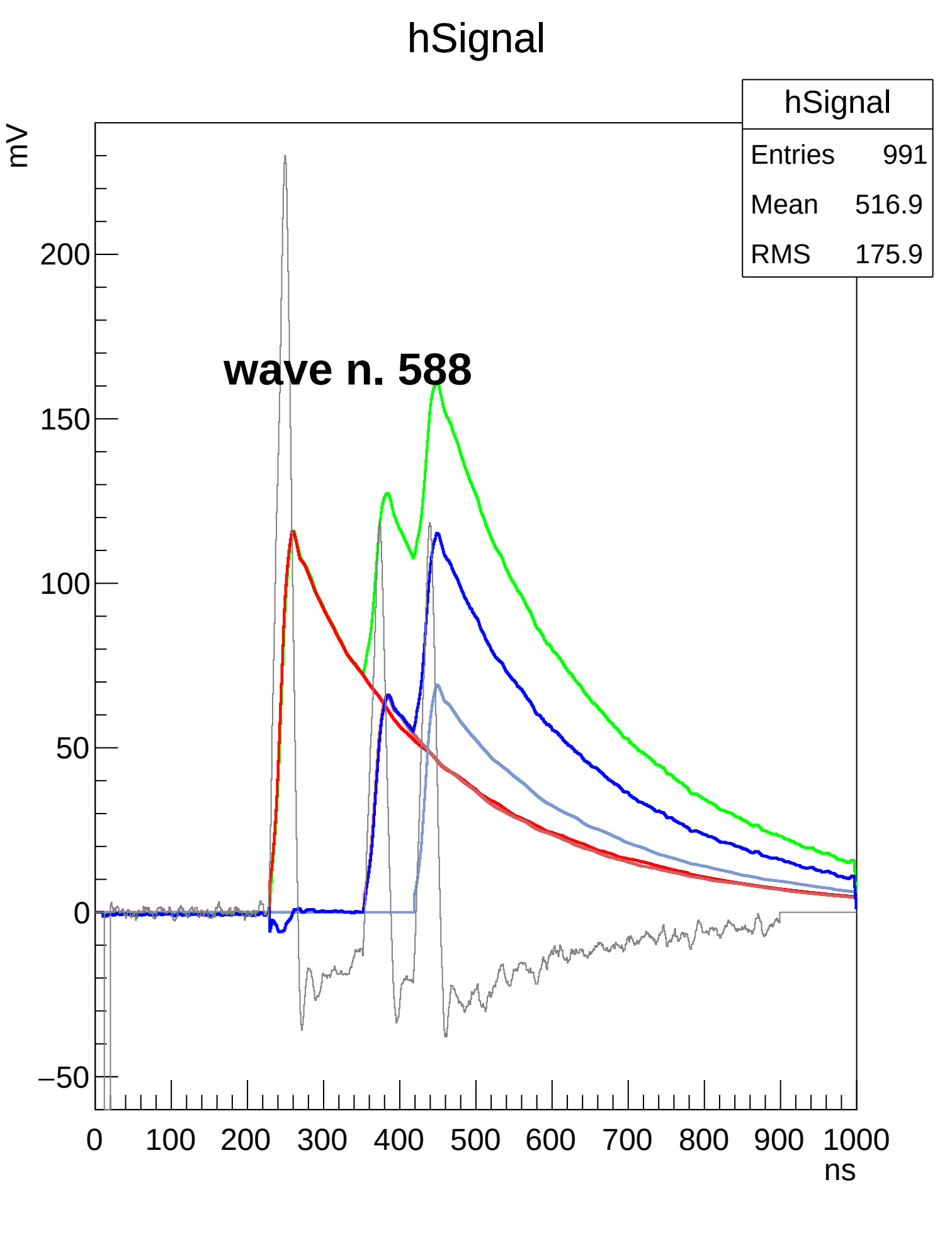
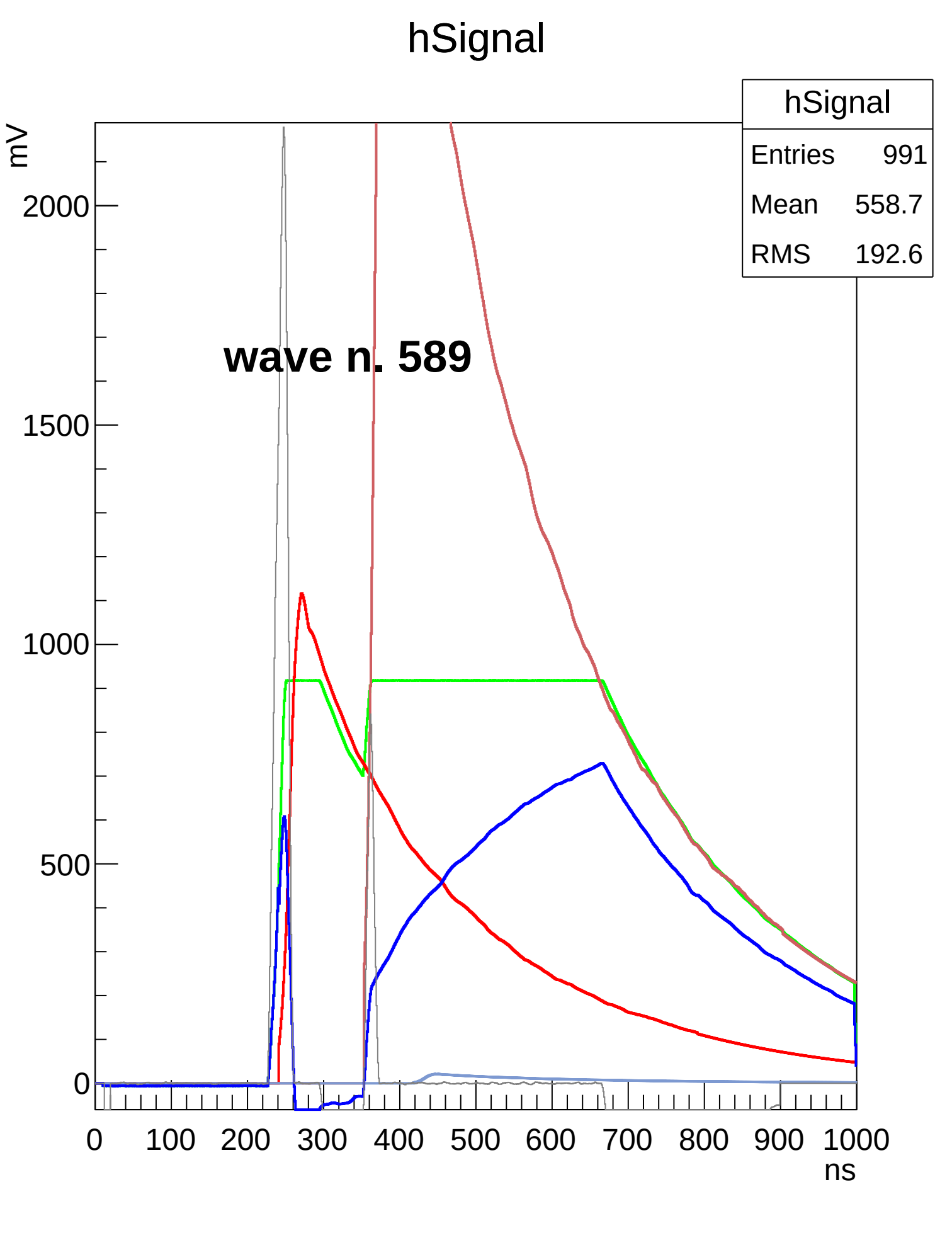
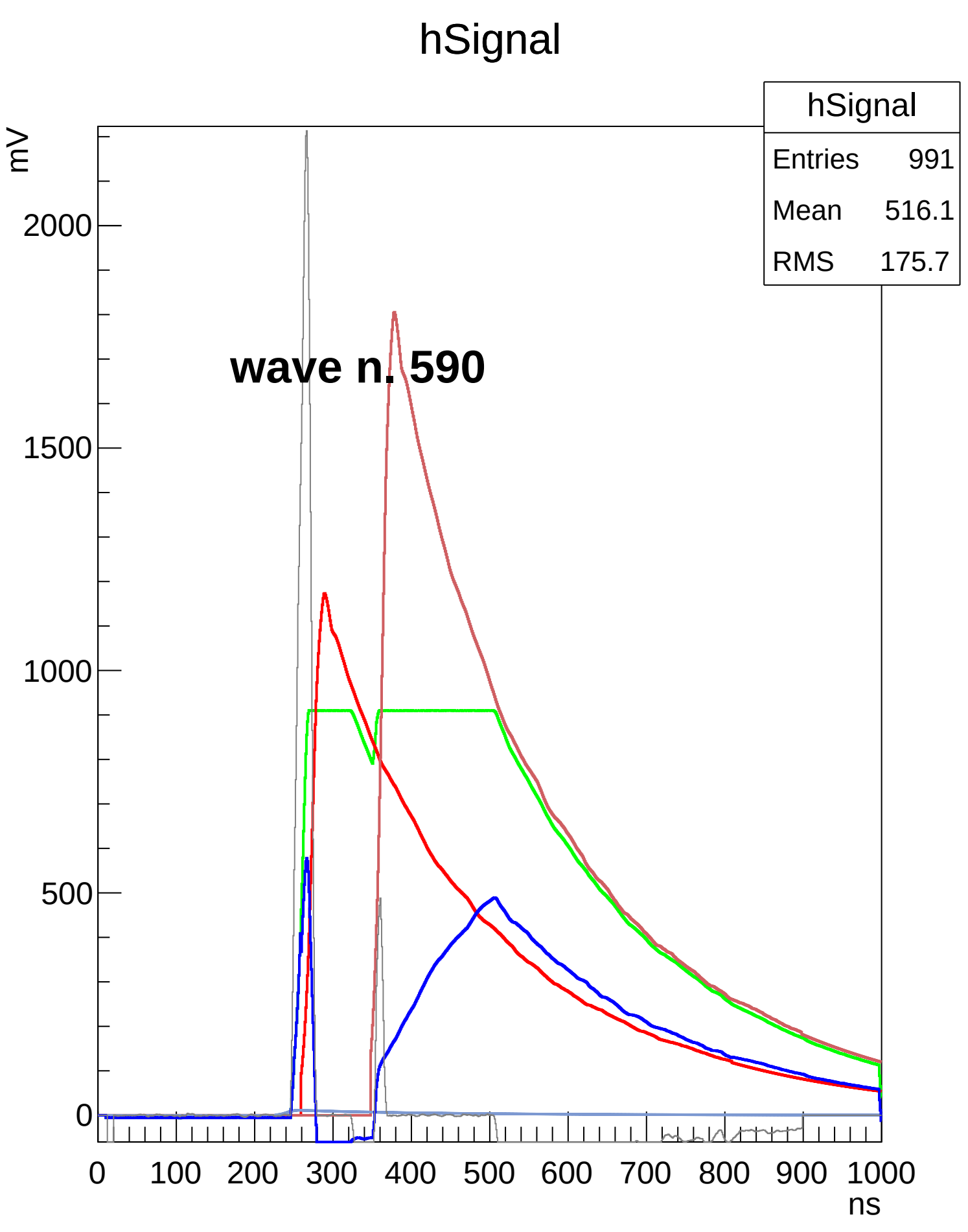
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 525.2
RMS 180
wave n. 587
mV
3000
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 516.9
RMS 175.9
wave n. 588
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558.7
RMS 192.6
wave n. 589
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 516.1
RMS 175.7
wave n. 590
mV
2000
1500
1000
500
0
0
100
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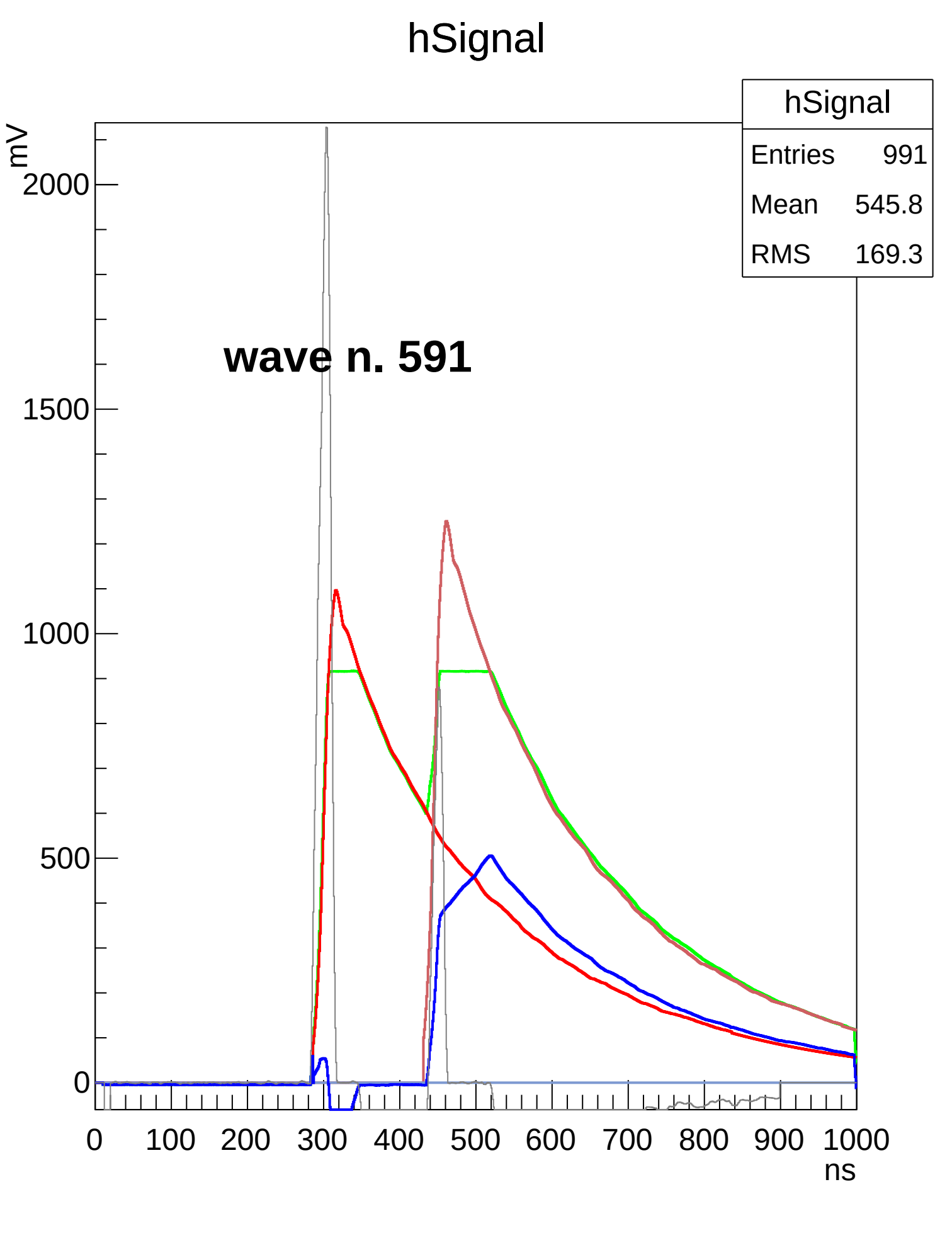
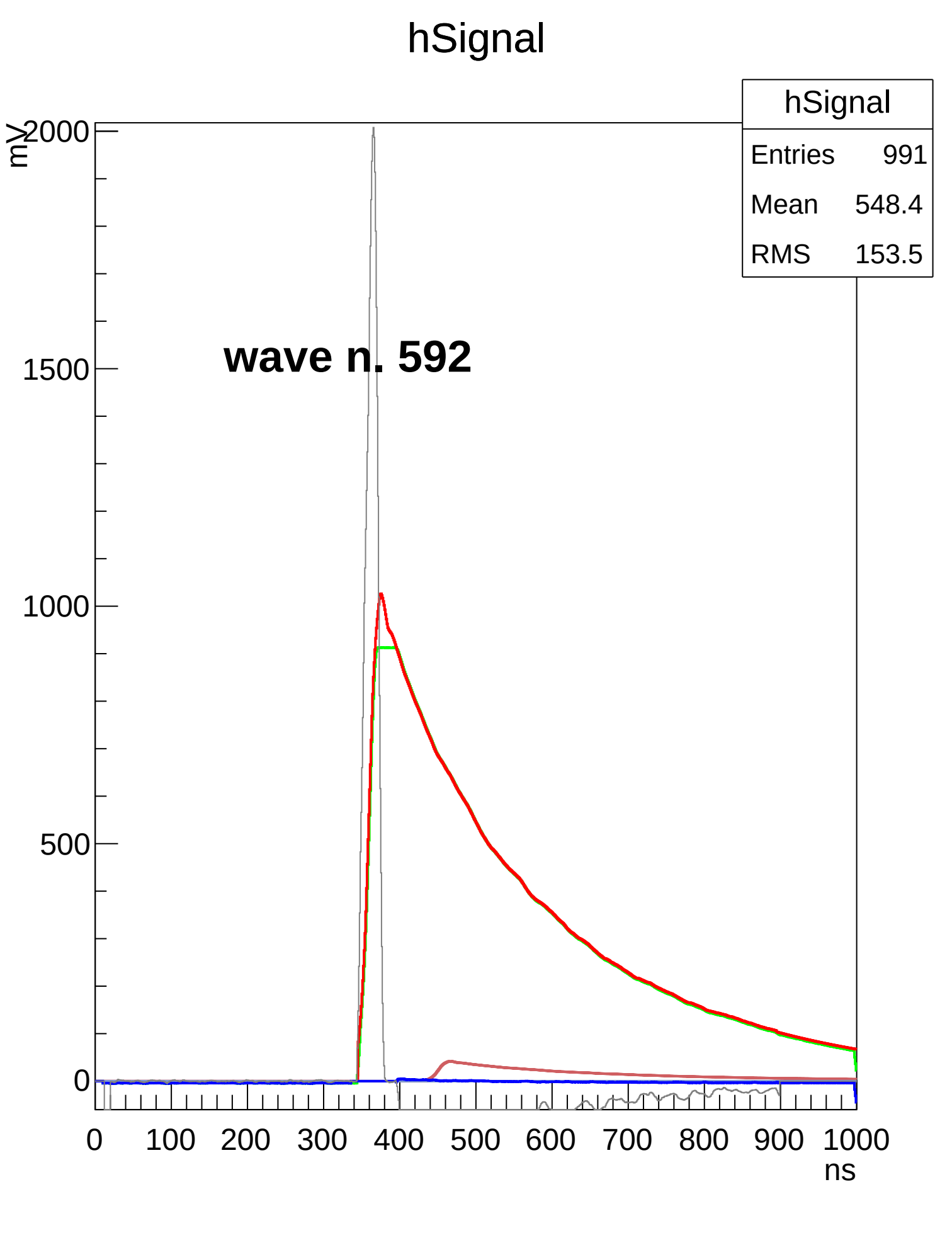
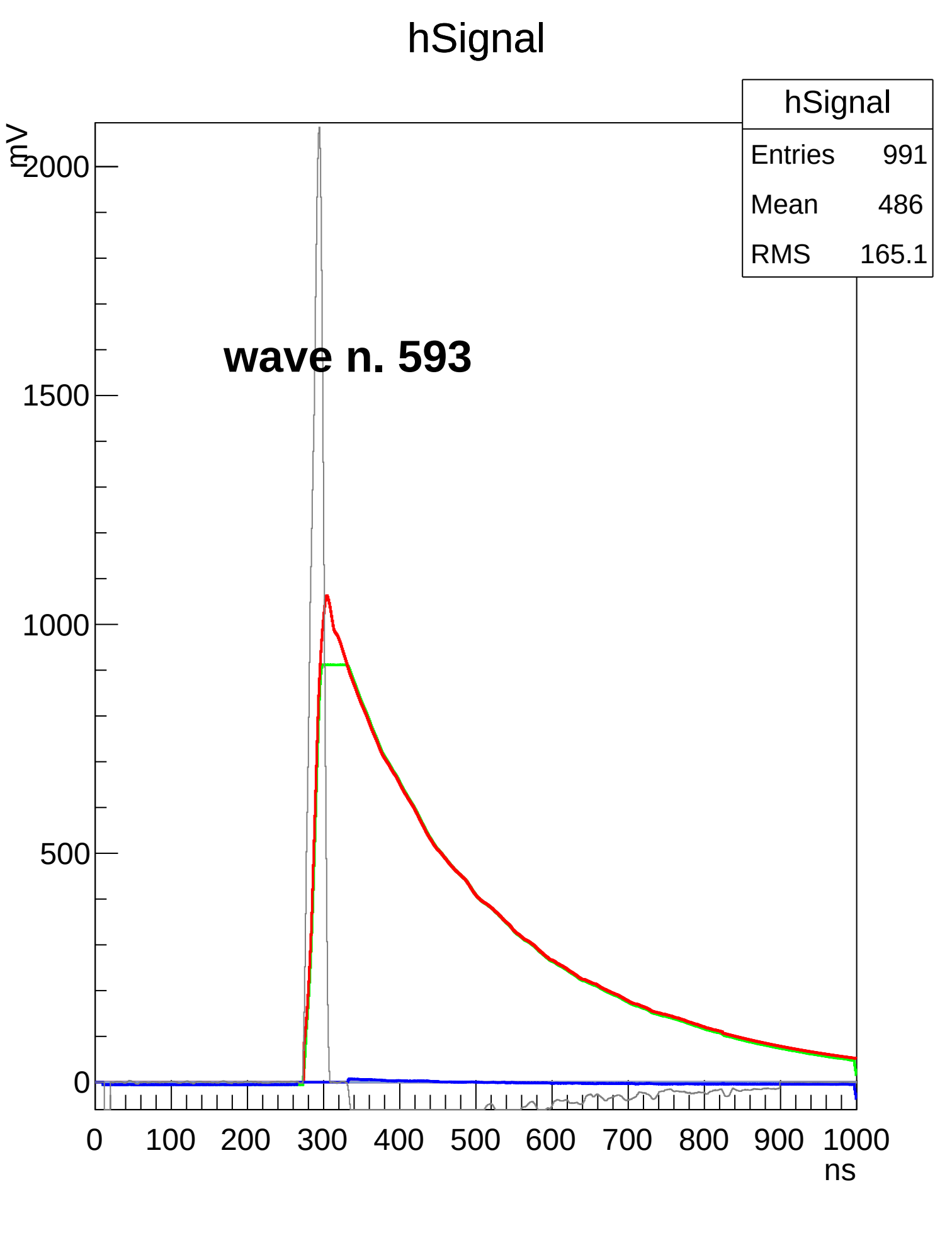
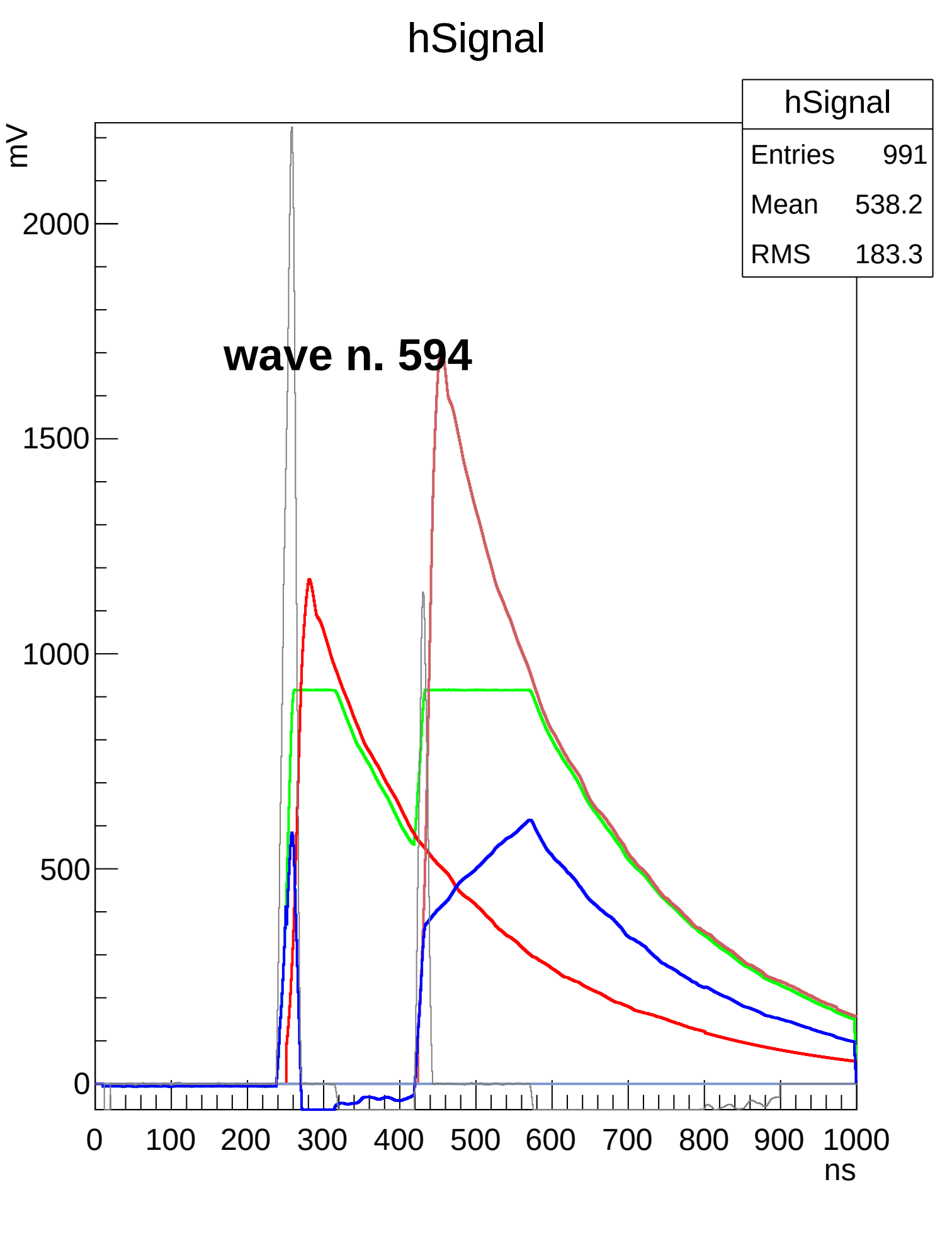
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 545.8
RMS 169.3
wave n. 591
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 548.4
RMS 153.5
wave n. 592
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486
RMS 165.1
wave n. 593
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 538.2
RMS 183.3
wave n. 594
mV
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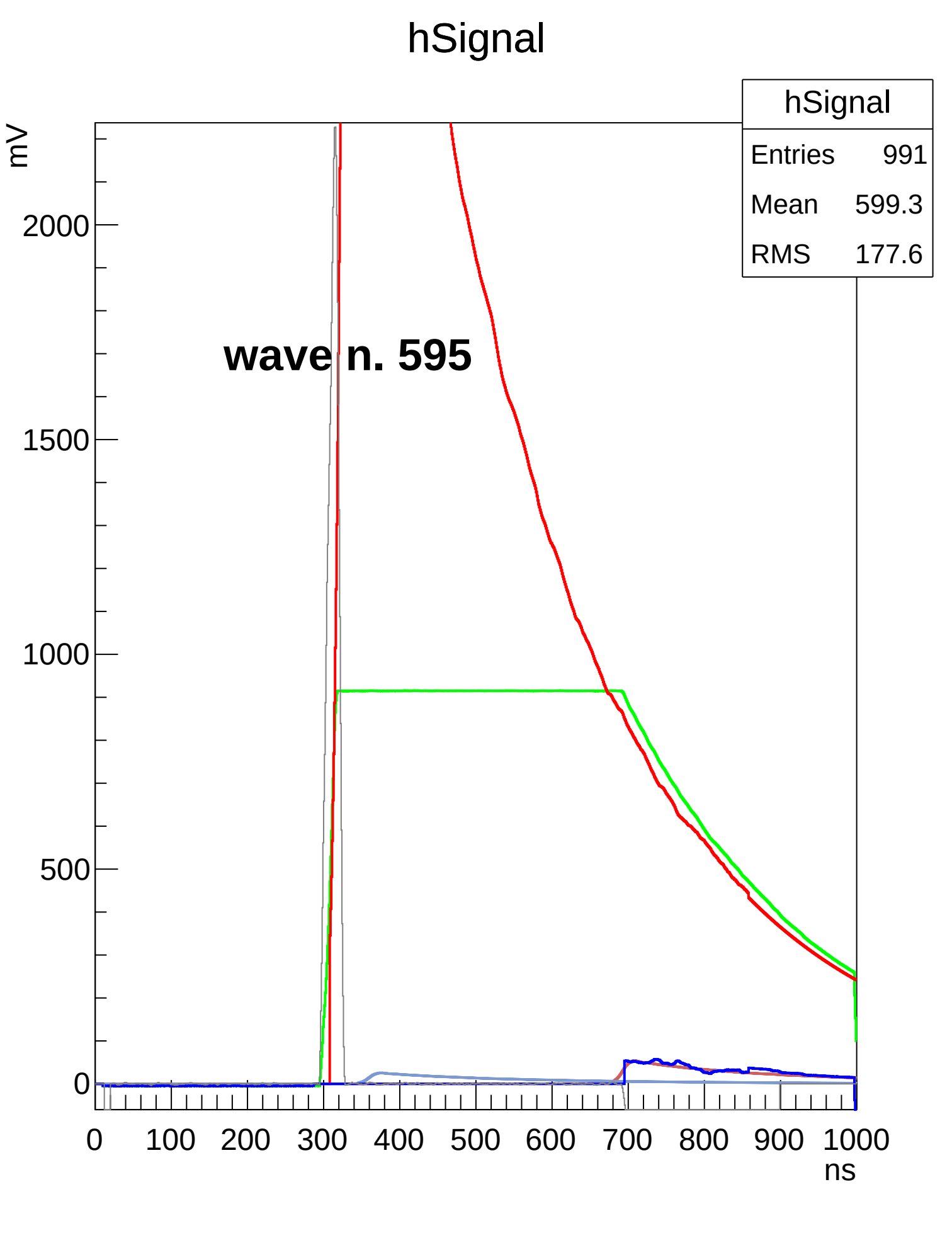
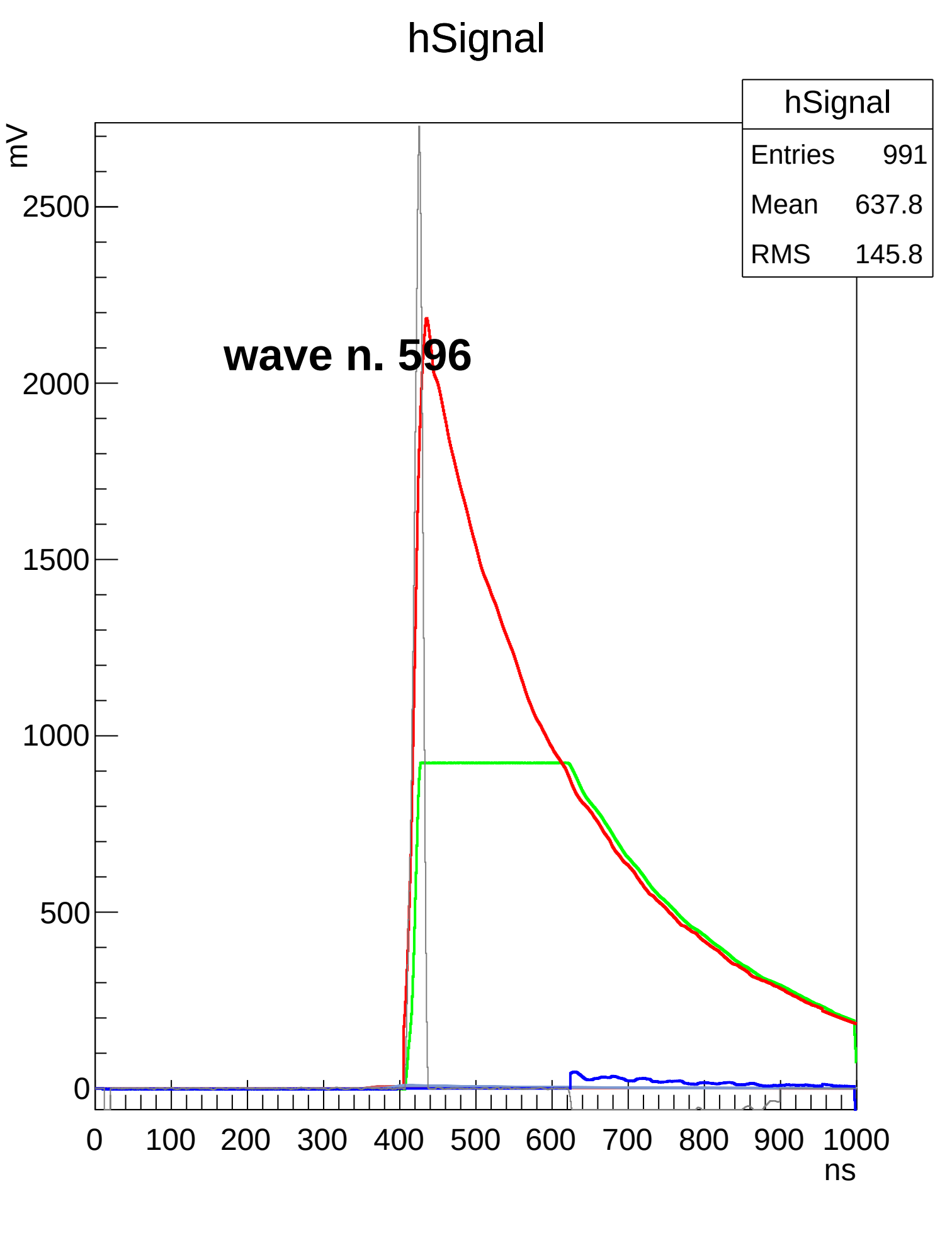
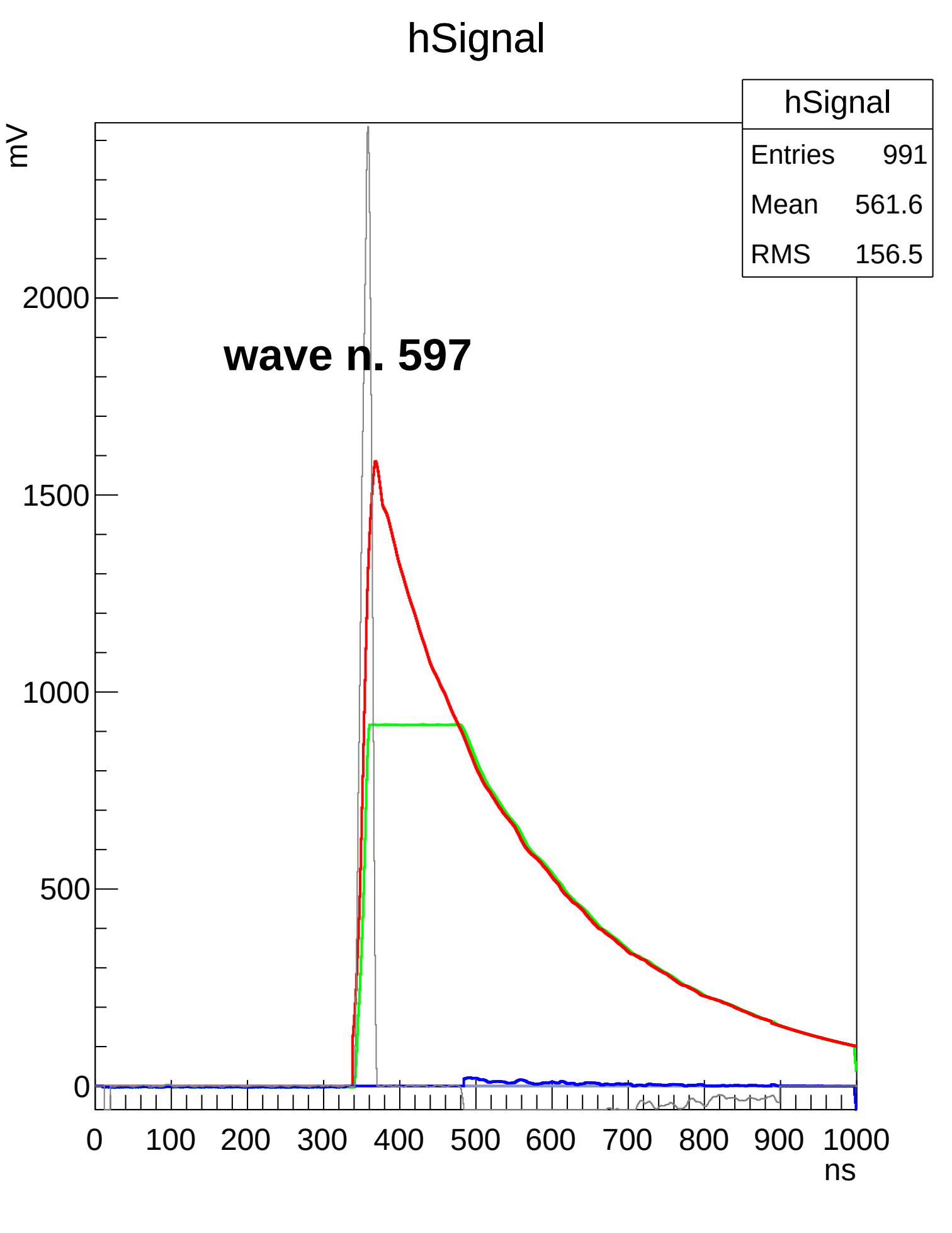
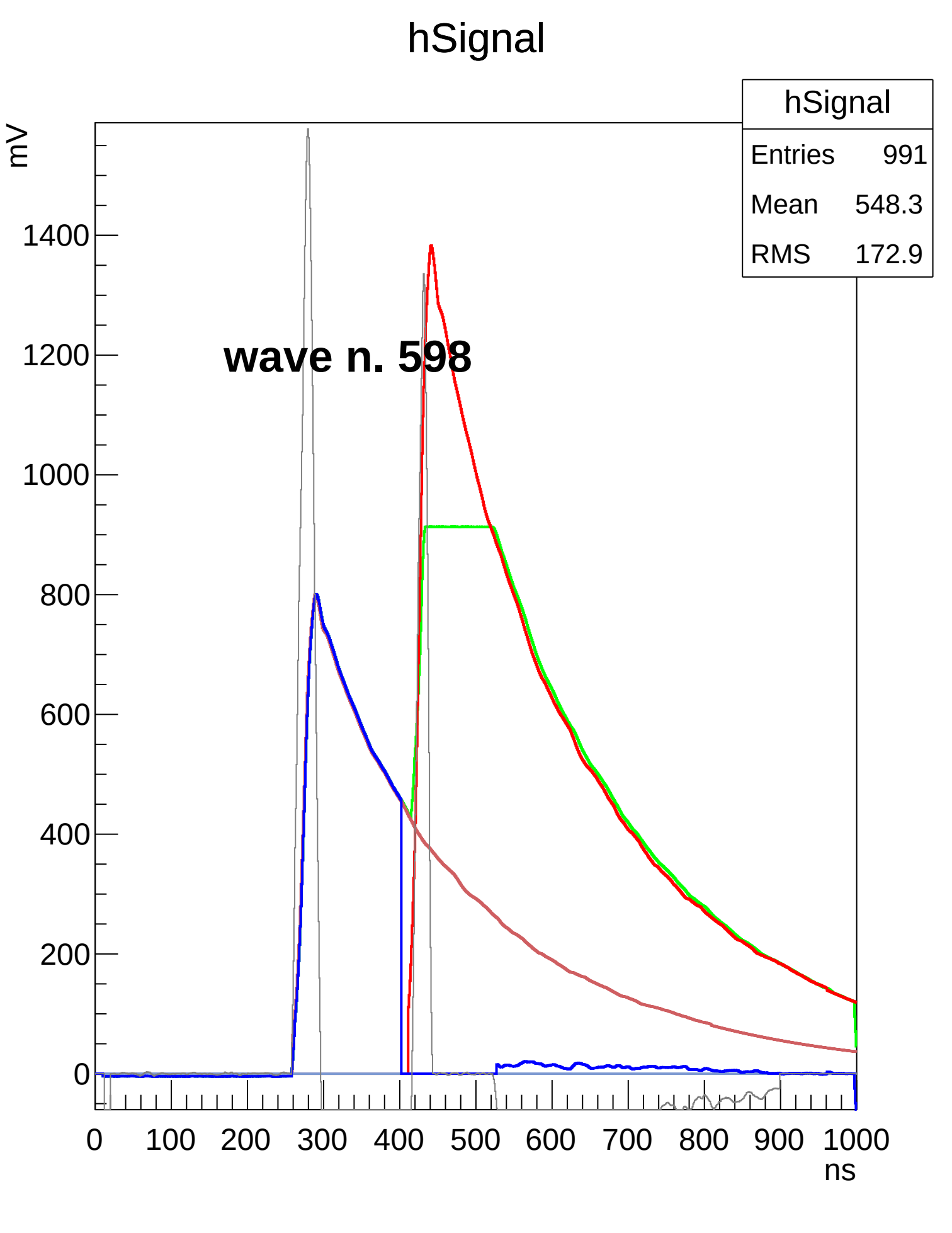
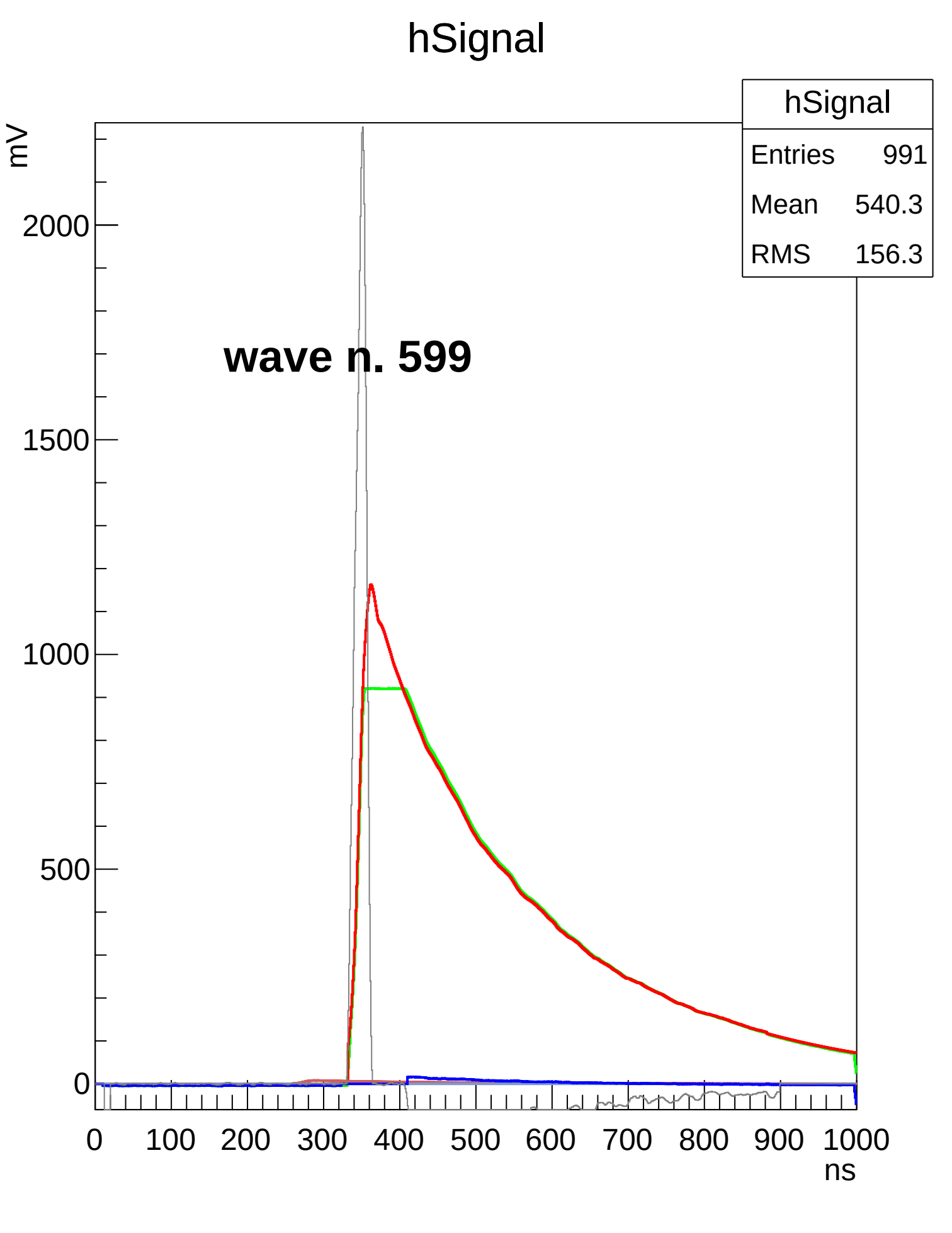
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 599.3
RMS 177.6
wave n. 595
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 637.8
RMS 145.8
wave n. 596
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 561.6
RMS 156.5
wave n. 597
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 548.3
RMS 172.9
wave n. 598
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 540.3
RMS 156.3
wave n. 599
mV
2000
1500
1000
500
0
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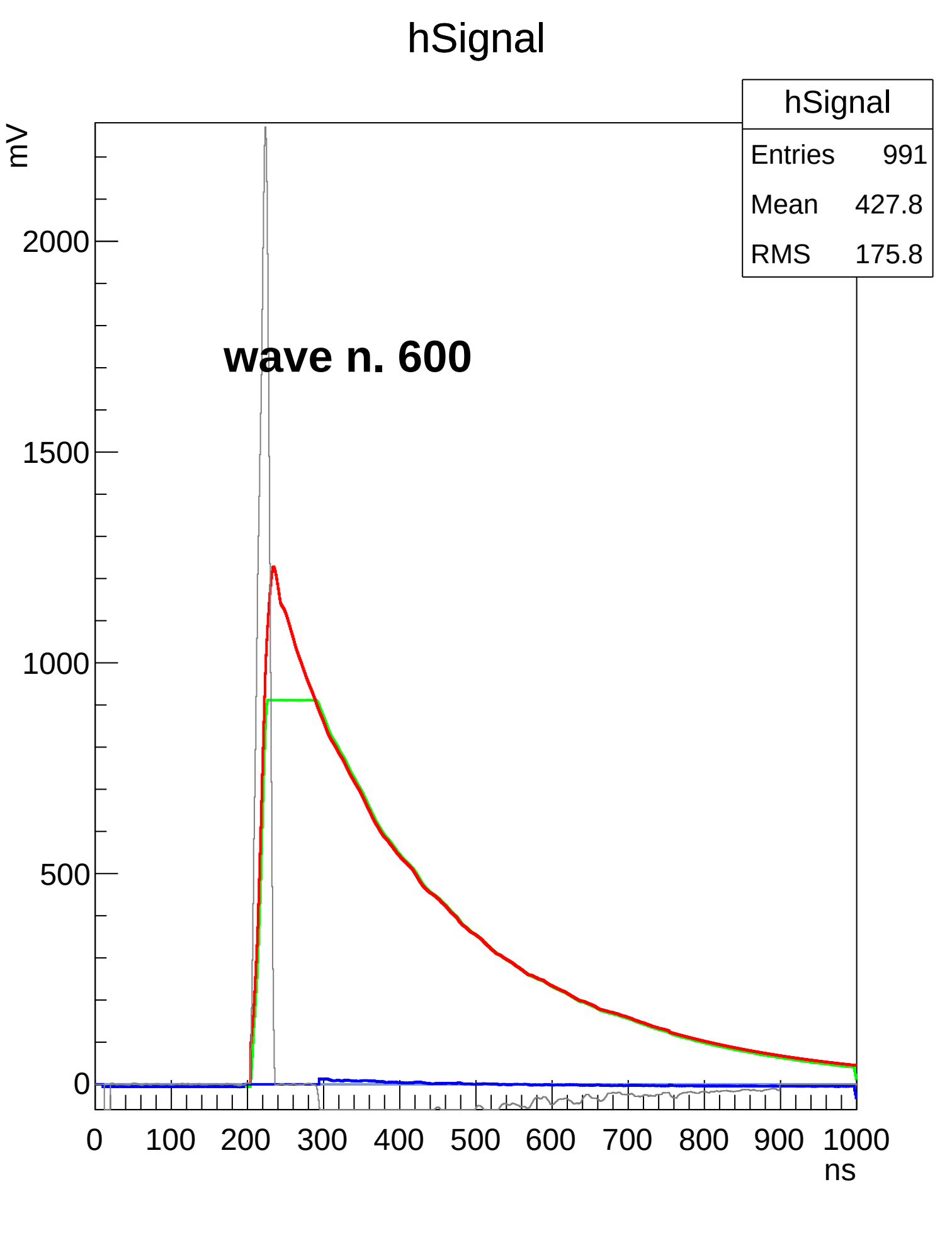
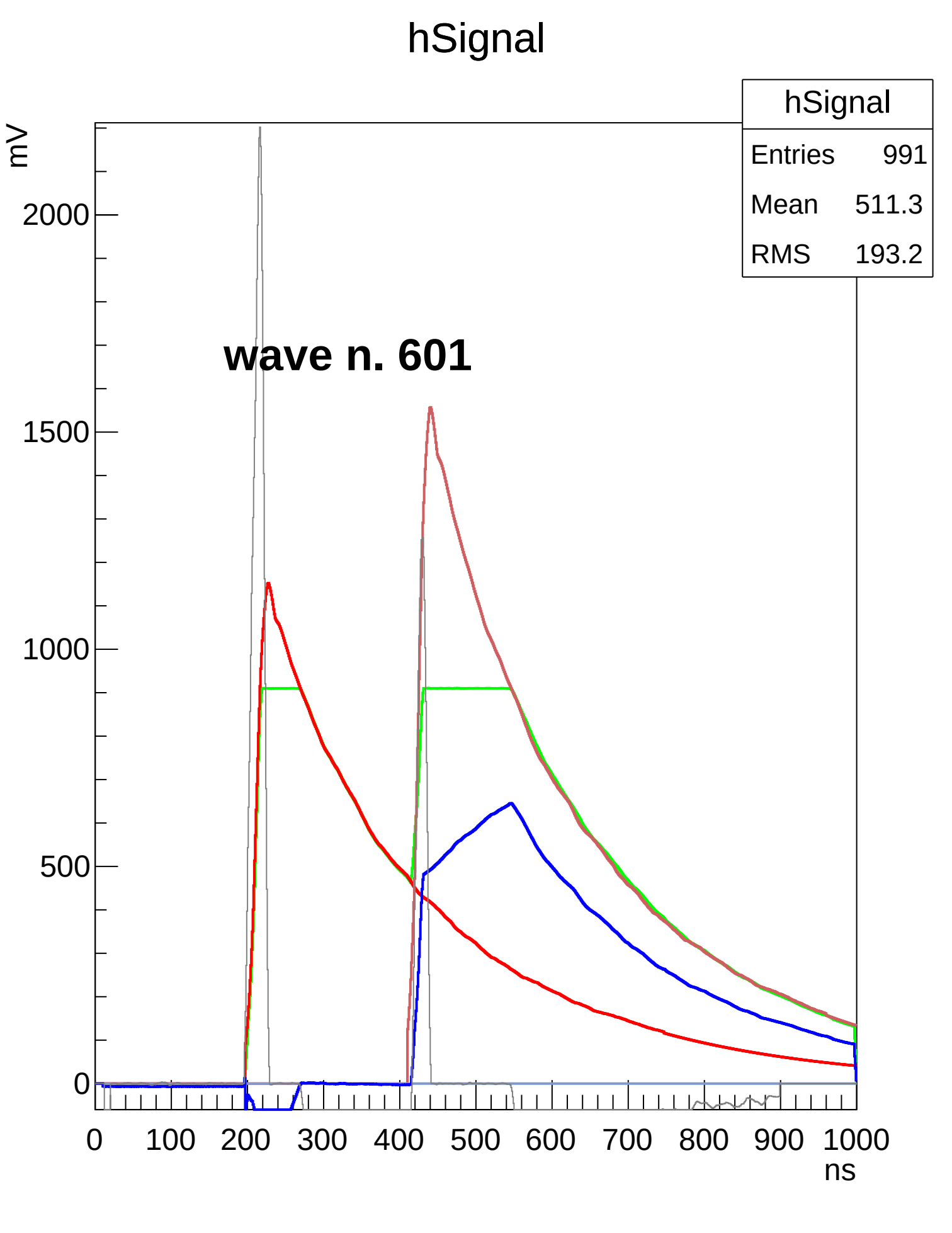
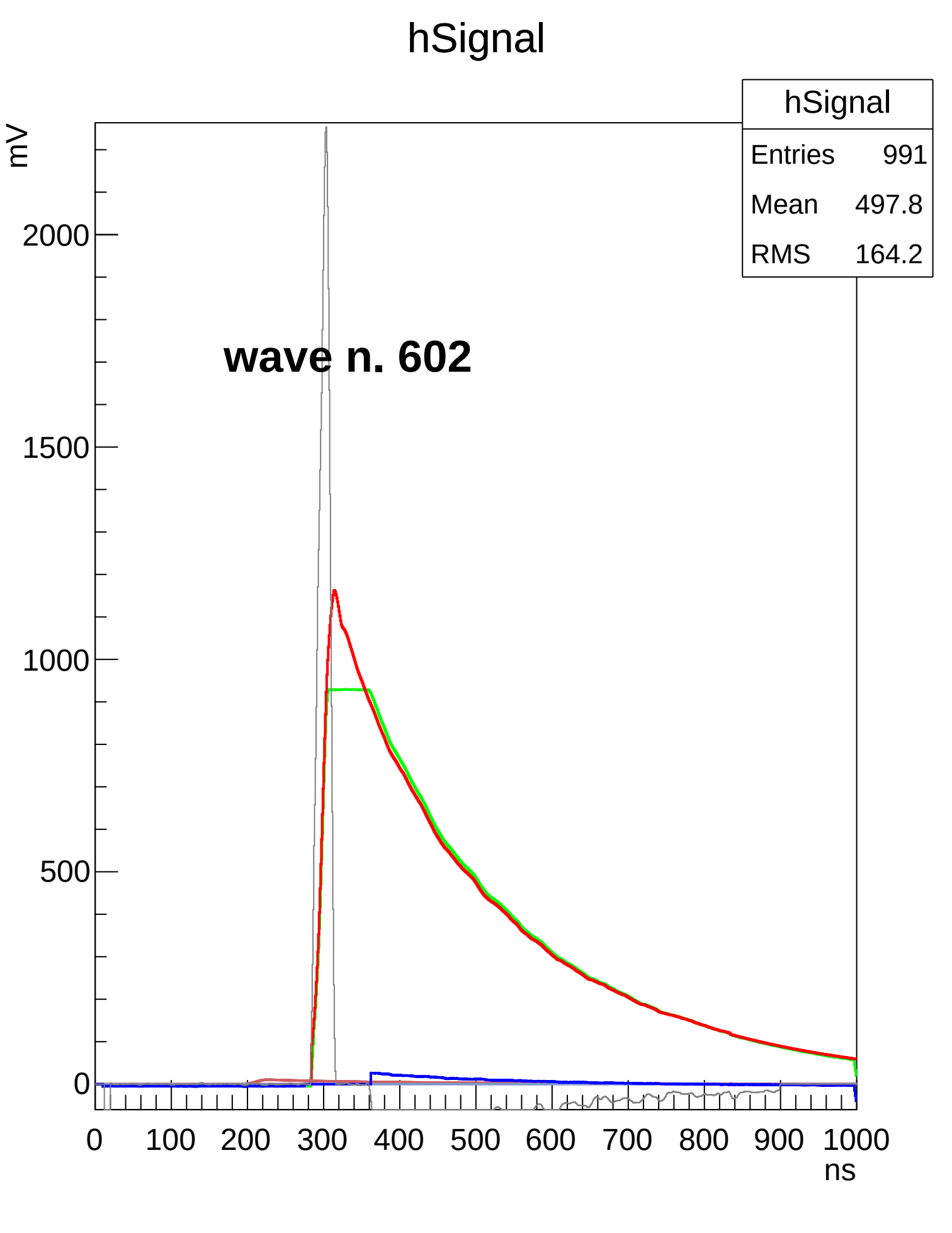
ns


hSignal
hSignal
Entries 991
Mean 427.8
RMS 175.8
wave n. 600
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 511.3
RMS 193.2
wave n. 601
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 497.8
RMS 164.2
wave n. 602
mV
2000
1500
1000
500
0
0
100
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400
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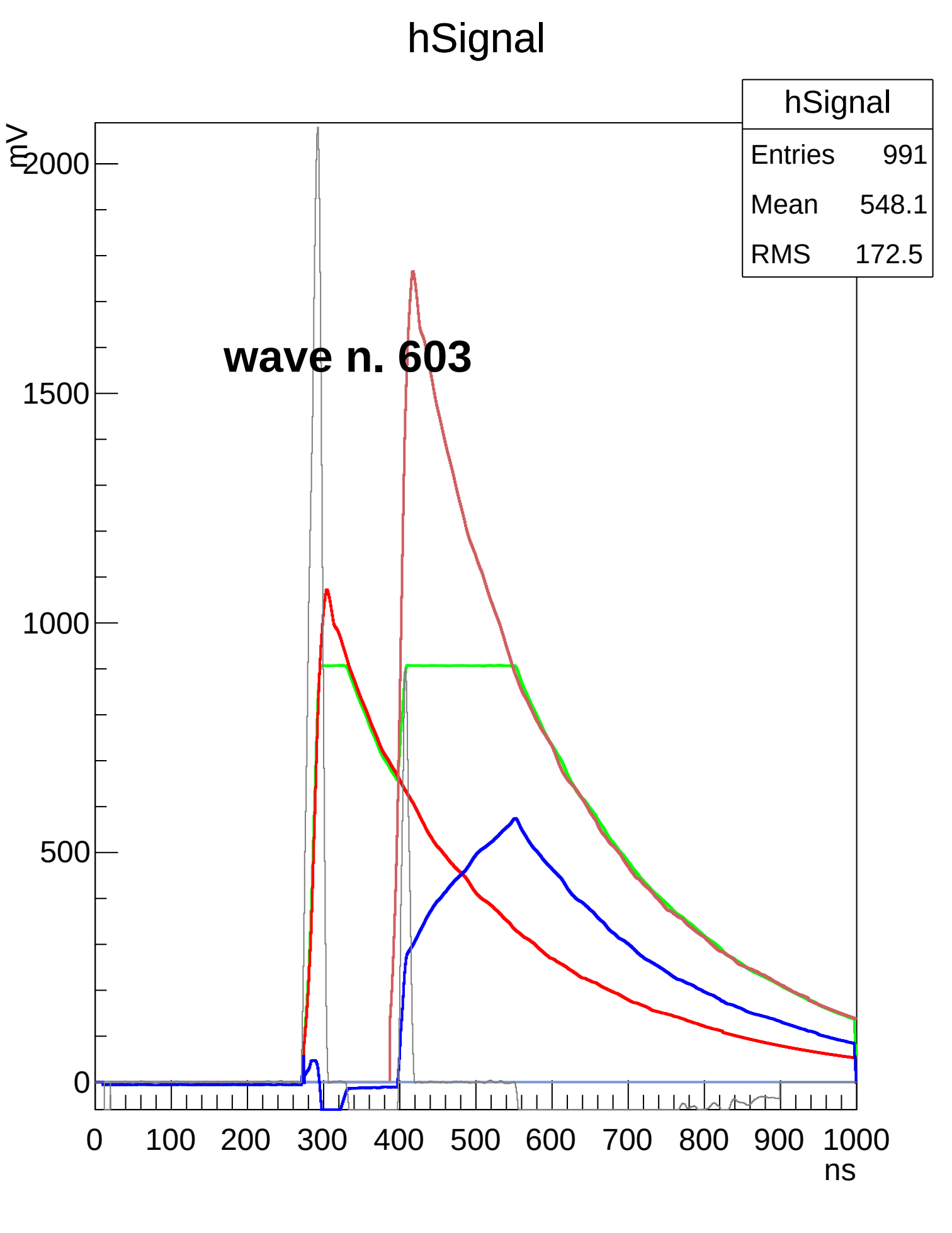
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 548.1
RMS 172.5
wave n. 603
mV
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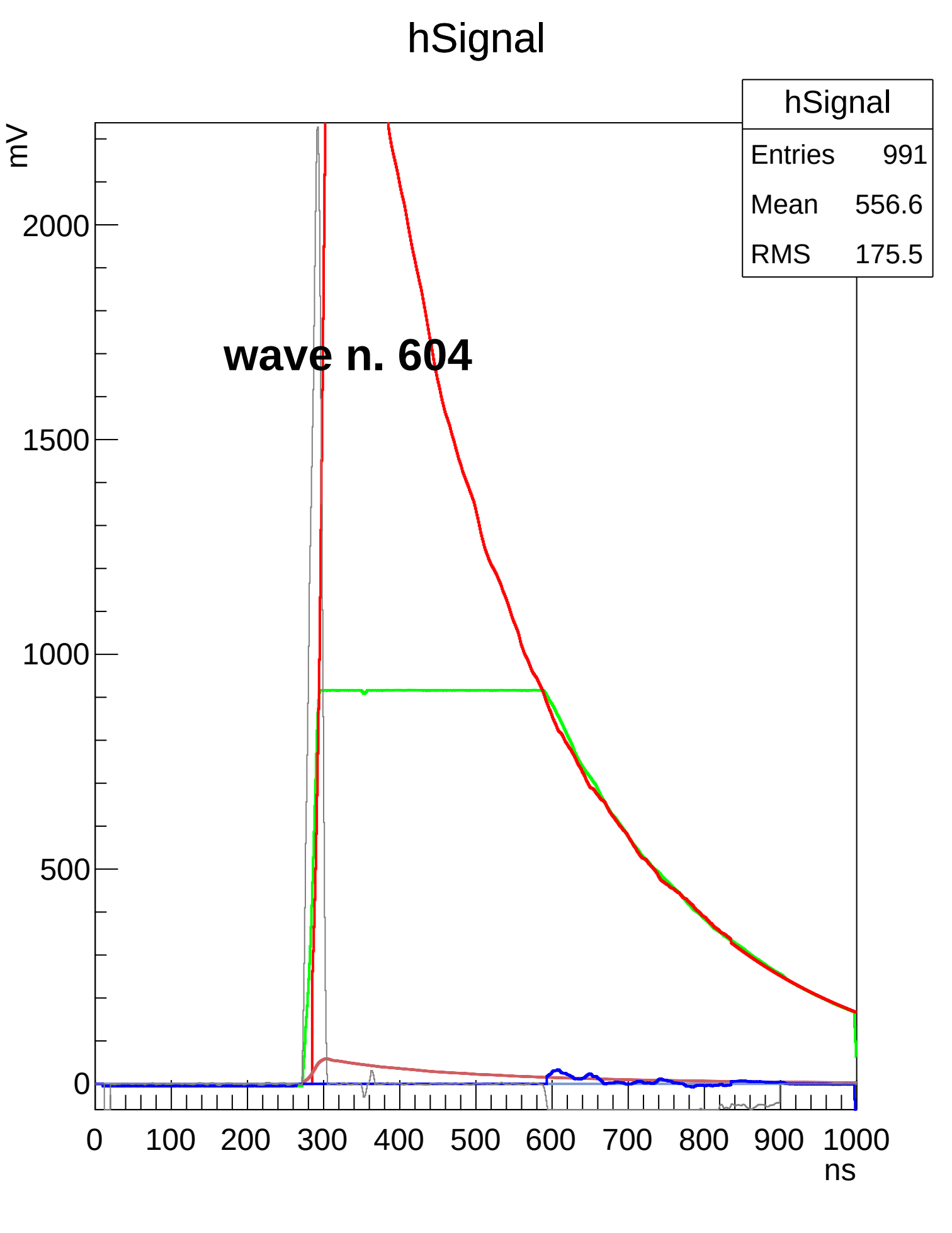
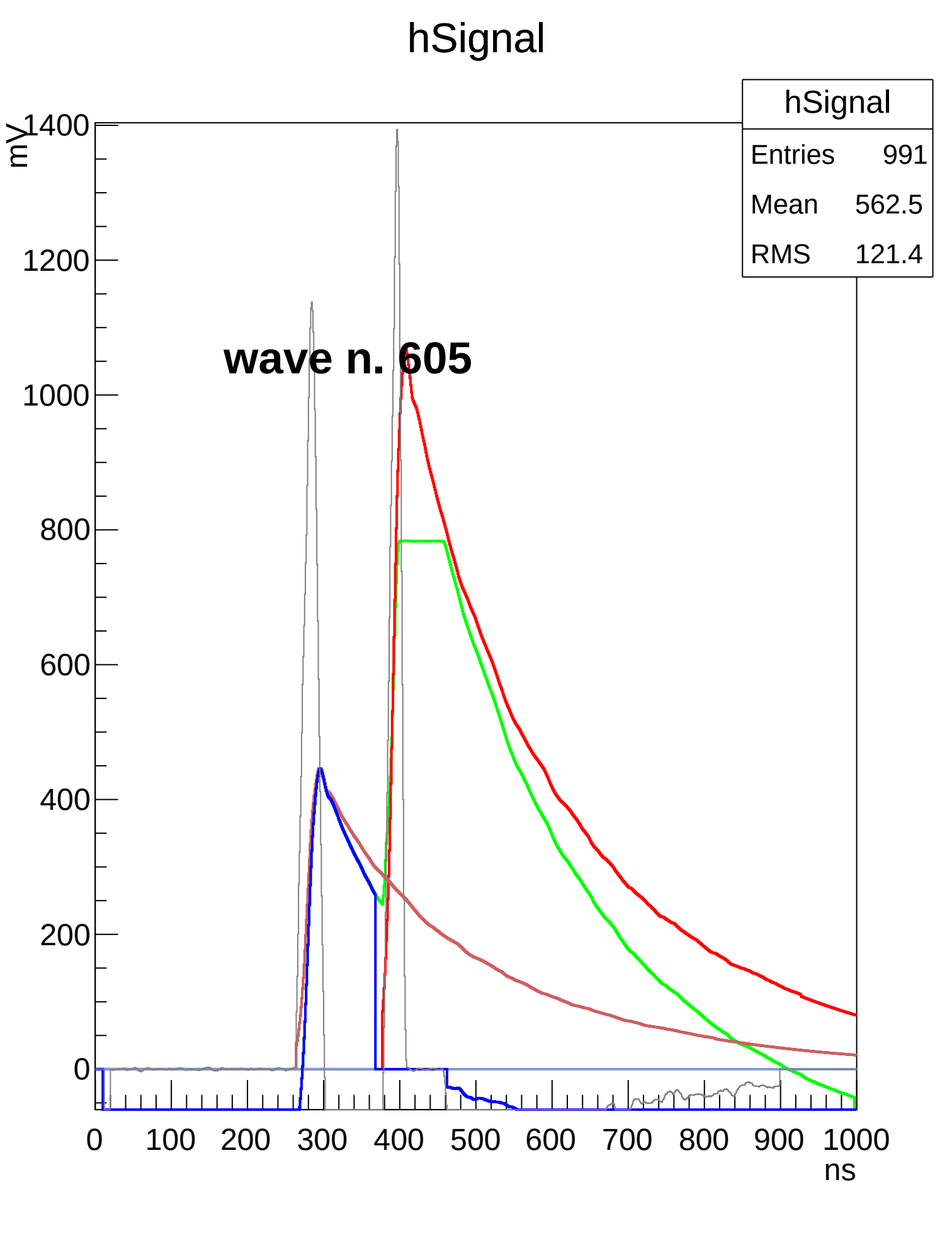
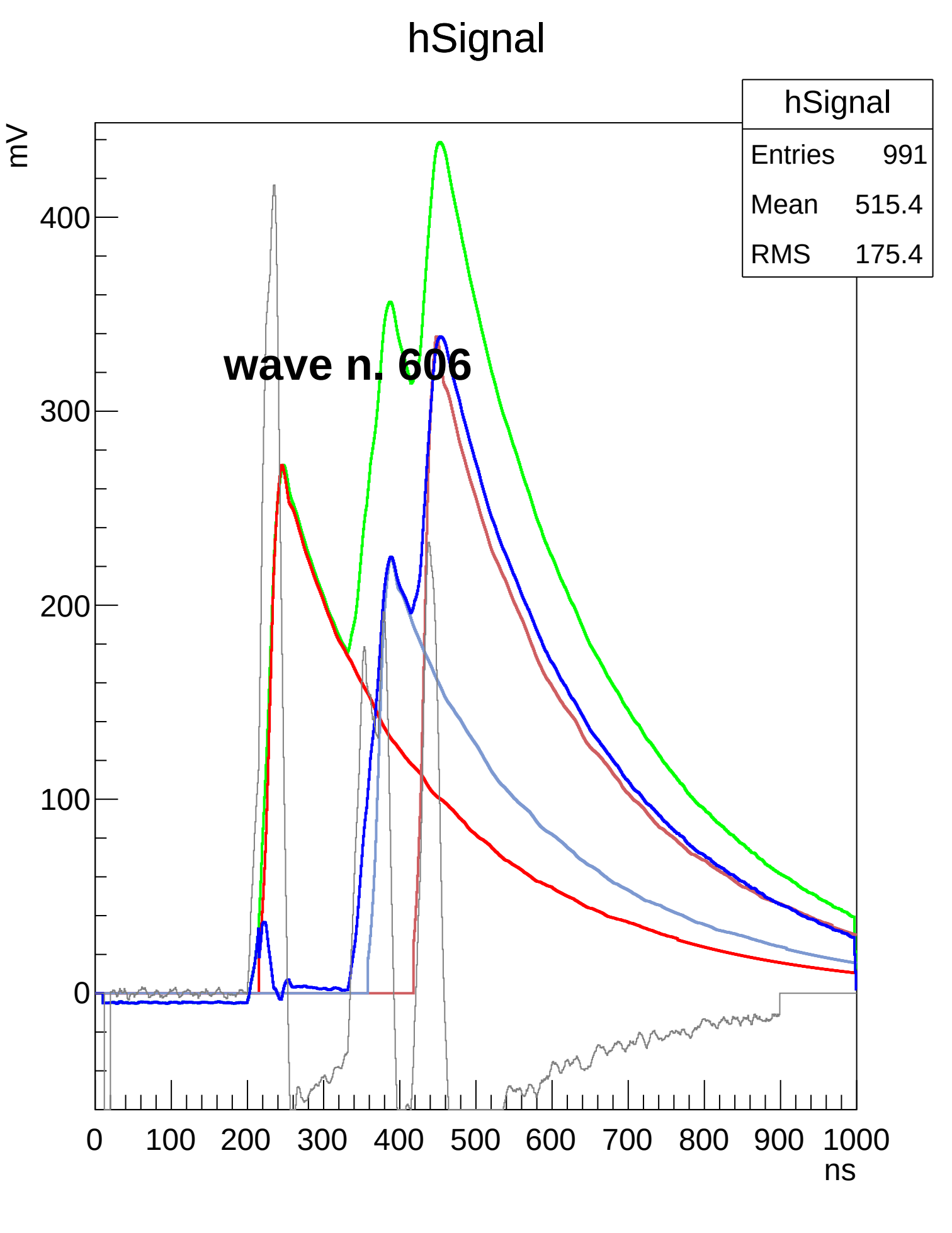
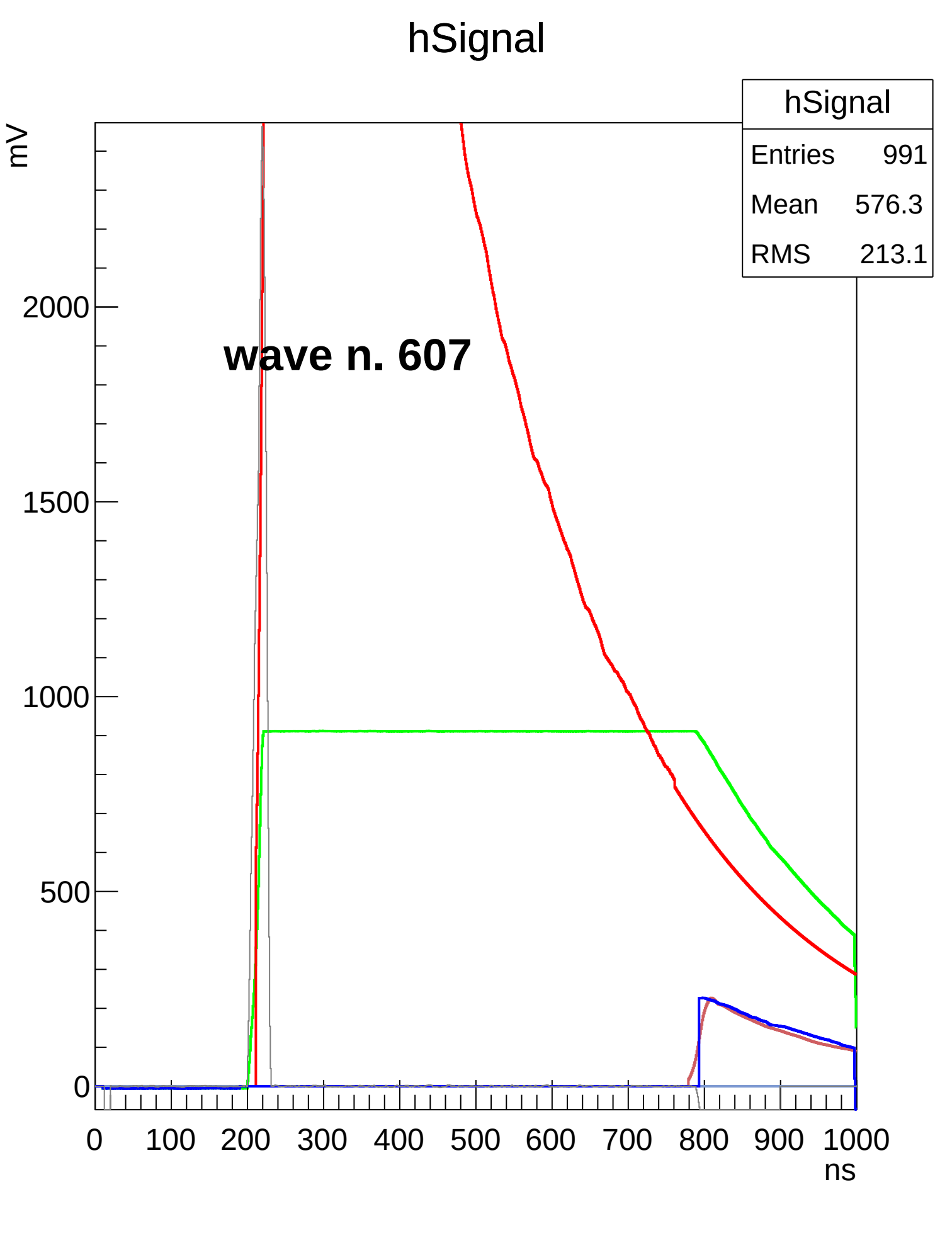
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.6
RMS 175.5
wave n. 604
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 562.5
RMS 121.4
wave n. 605
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.4
RMS 175.4
wave n. 606
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 576.3
RMS 213.1
wave n. 607
mV
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1500
1000
500
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0
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200
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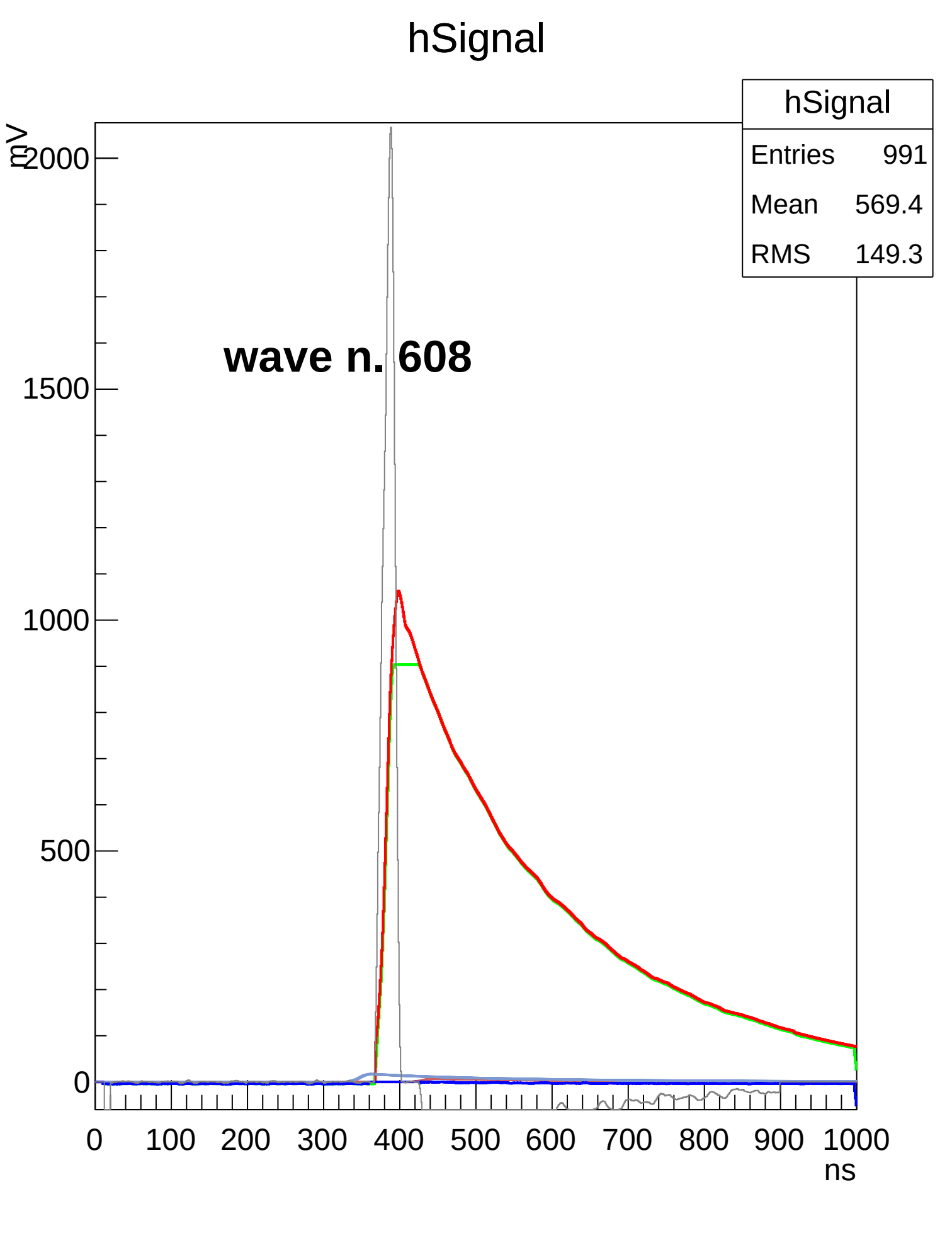
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 569.4
RMS 149.3
wave n. 608
mV
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1500
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0
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400
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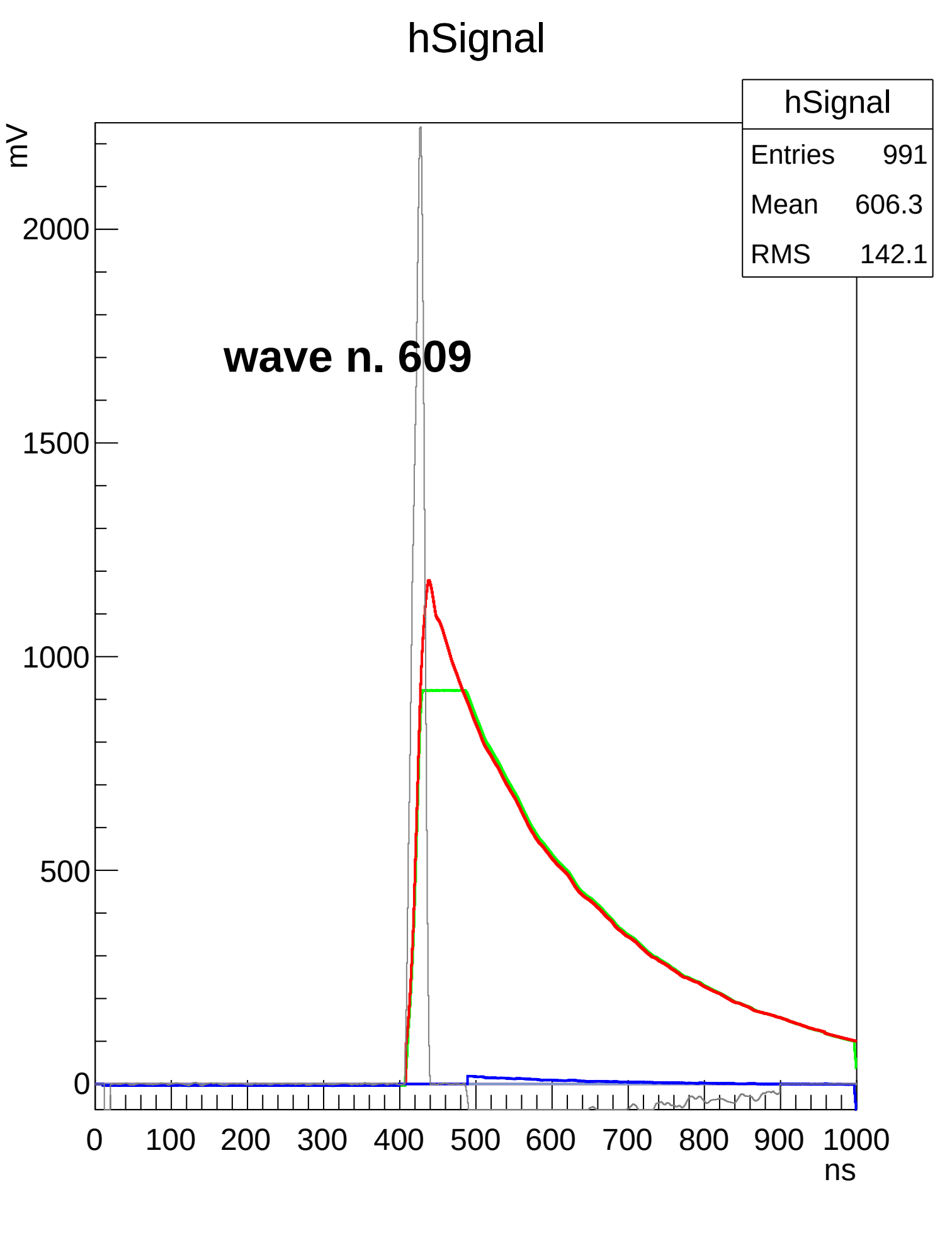
700
800
900
1000
ns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Entries 991
Mean 606.3
RMS 142.1
wave n. 609
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0
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400
500
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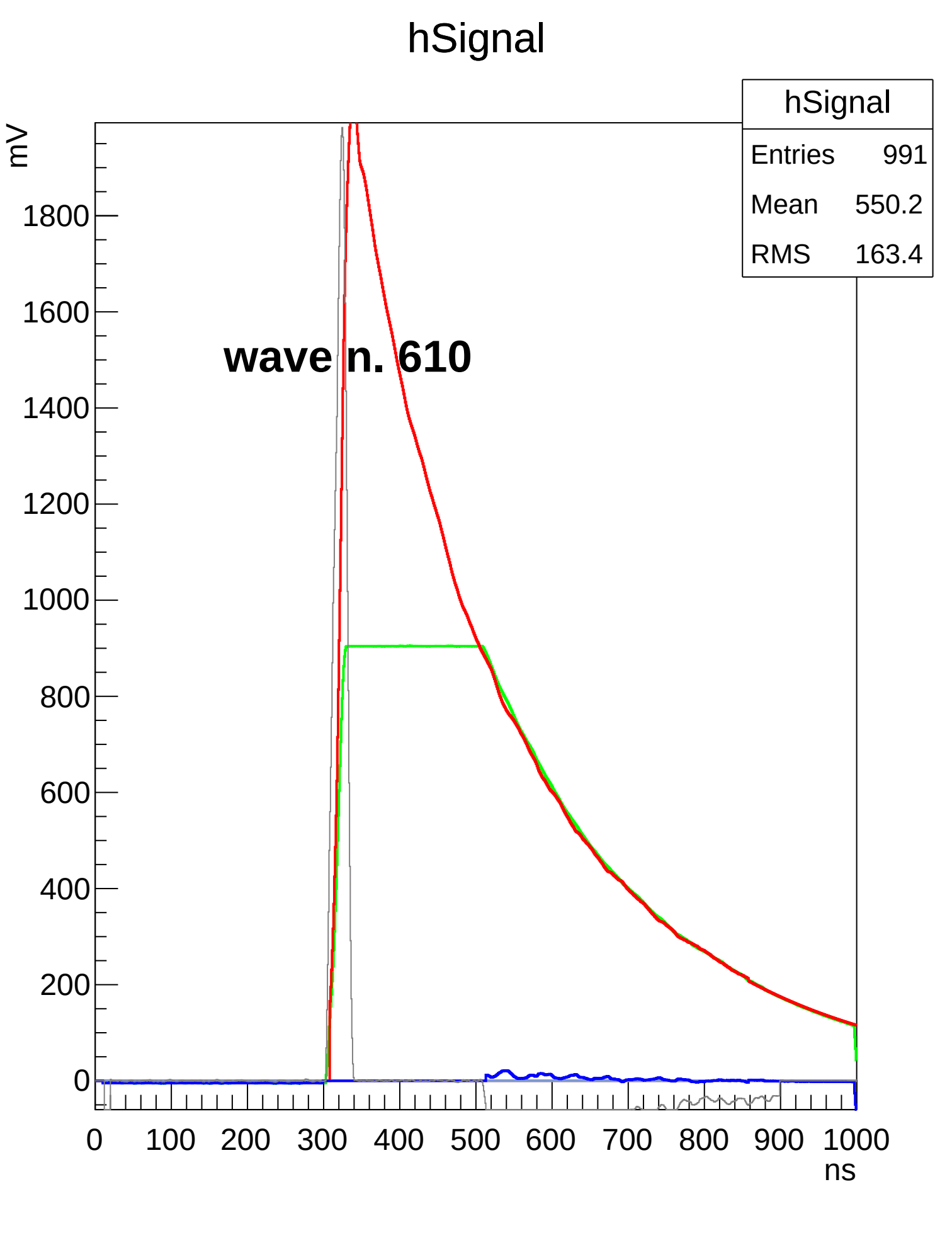
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.2
RMS 163.4
wave n. 610
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
300
400
500
600
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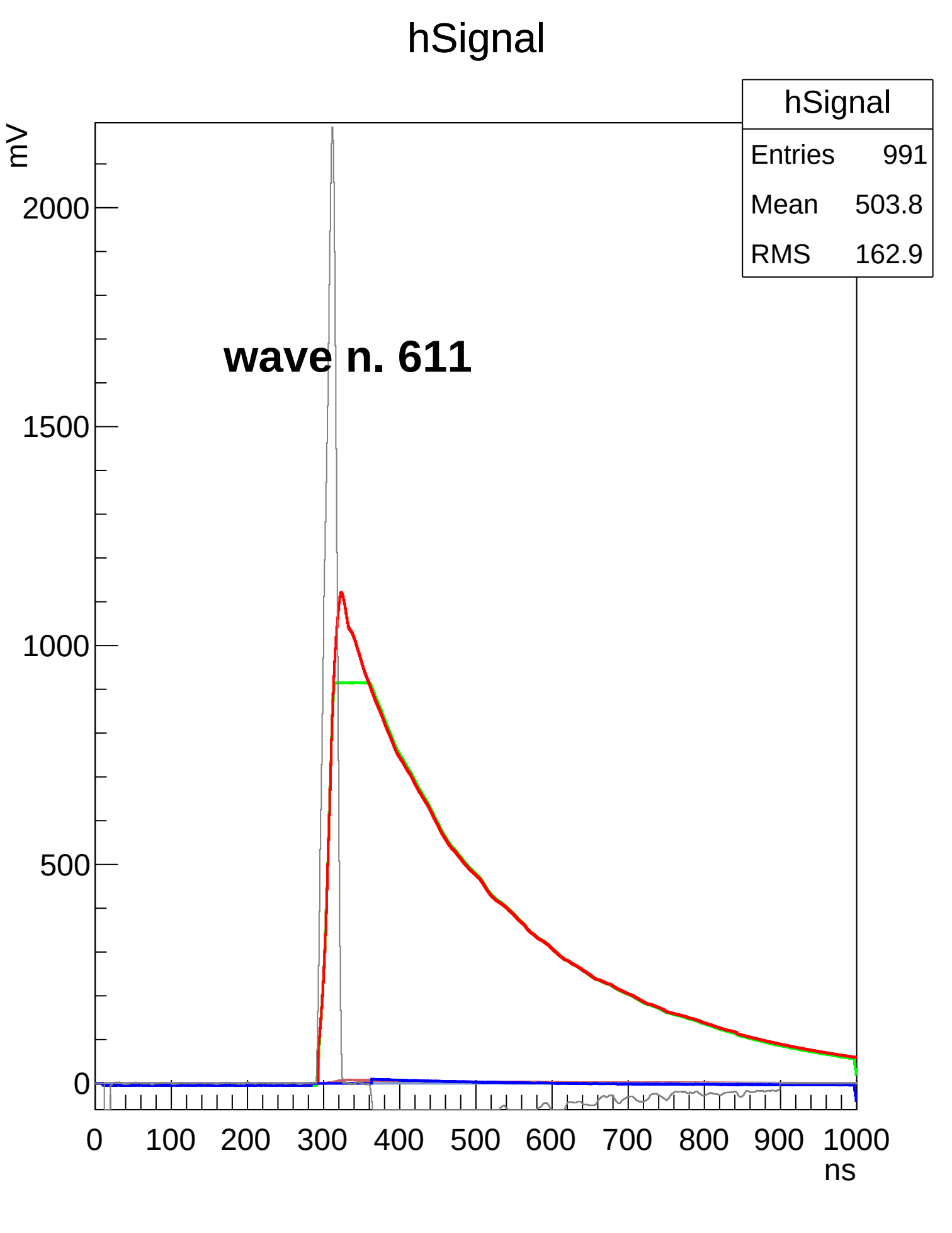
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.8
RMS 162.9
wave n. 611
mV
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1500
1000
500
0
0
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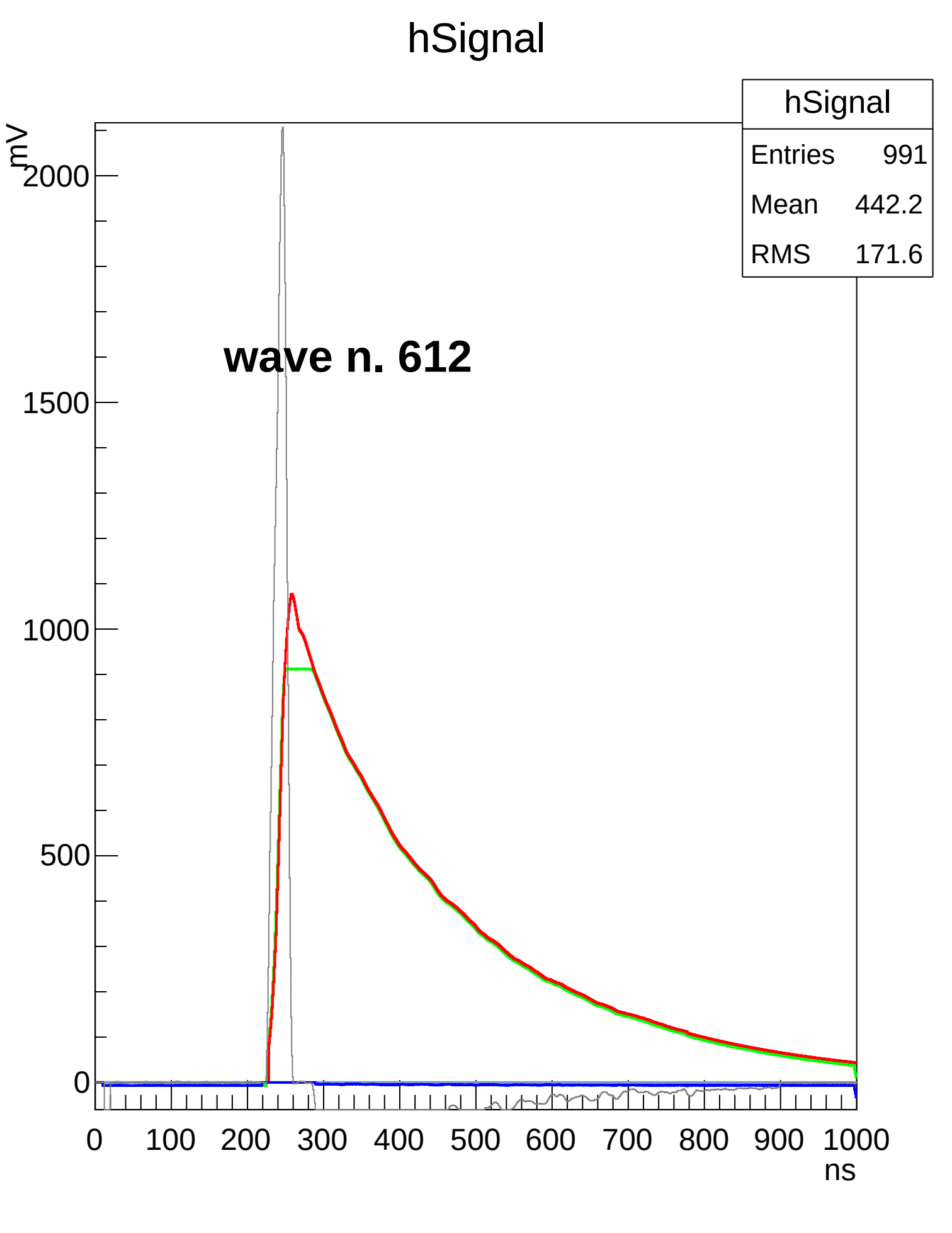
800
900
1000
ns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hSignal
Entries 991
Mean 442.2
RMS 171.6
wave n. 612
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500
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0
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400
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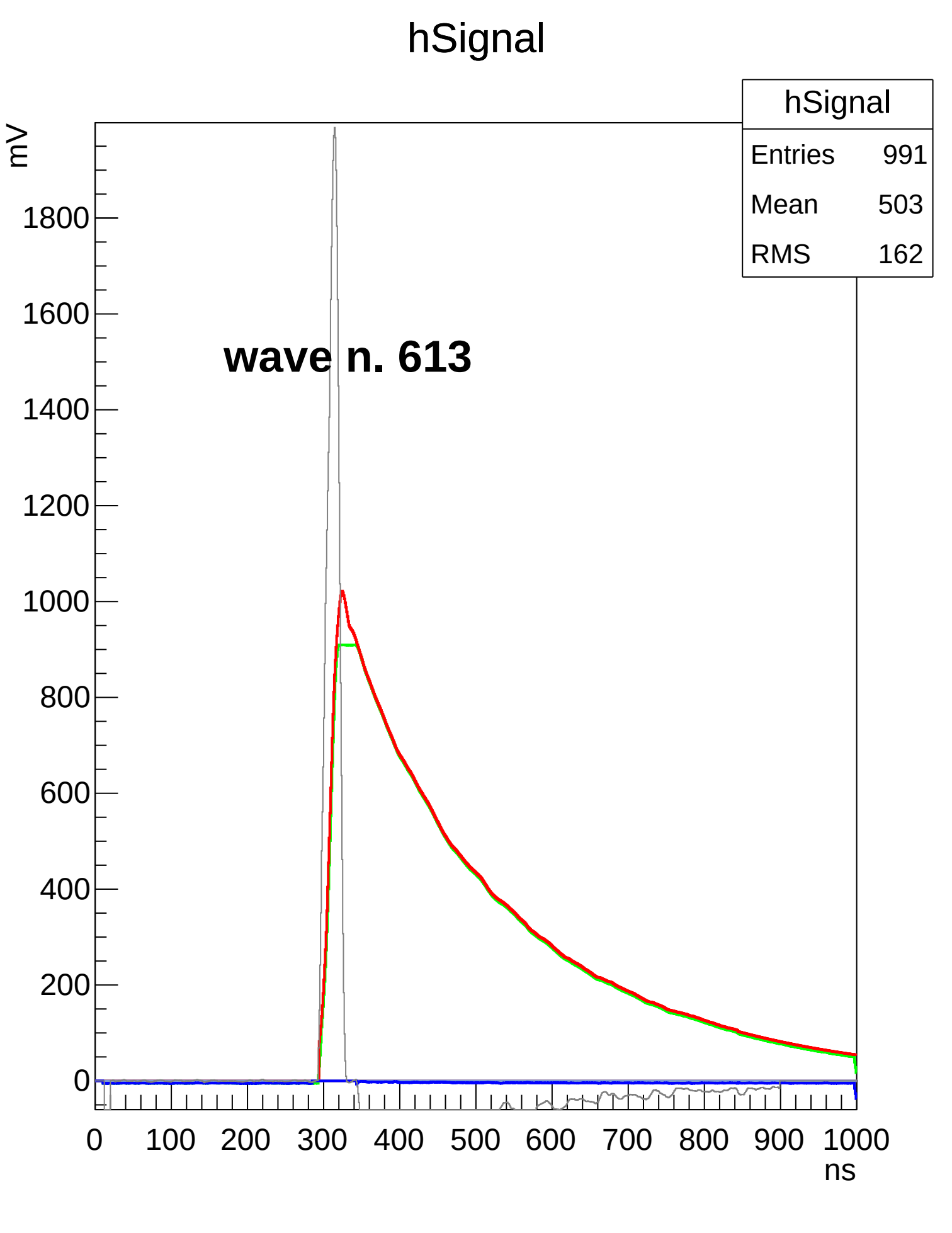
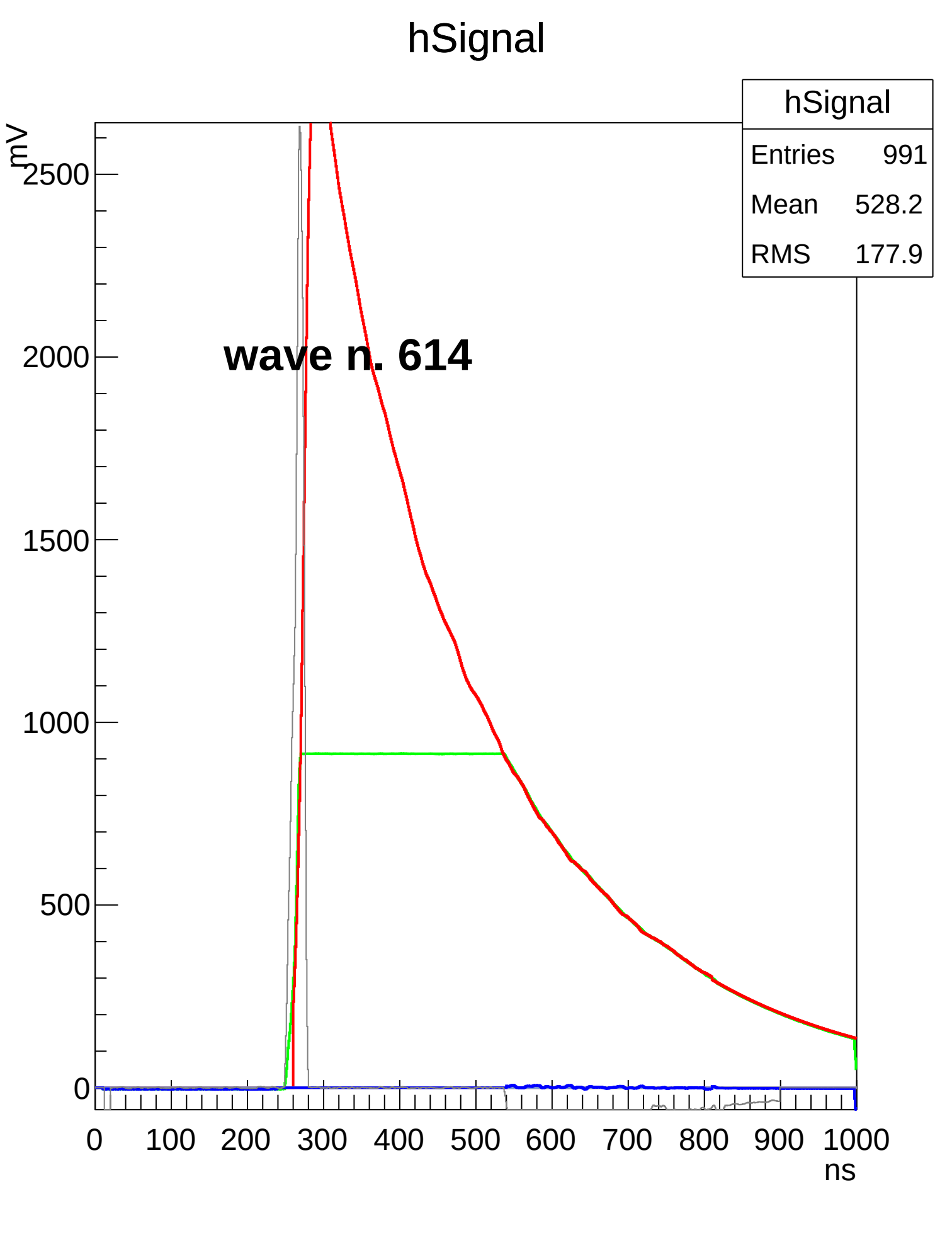
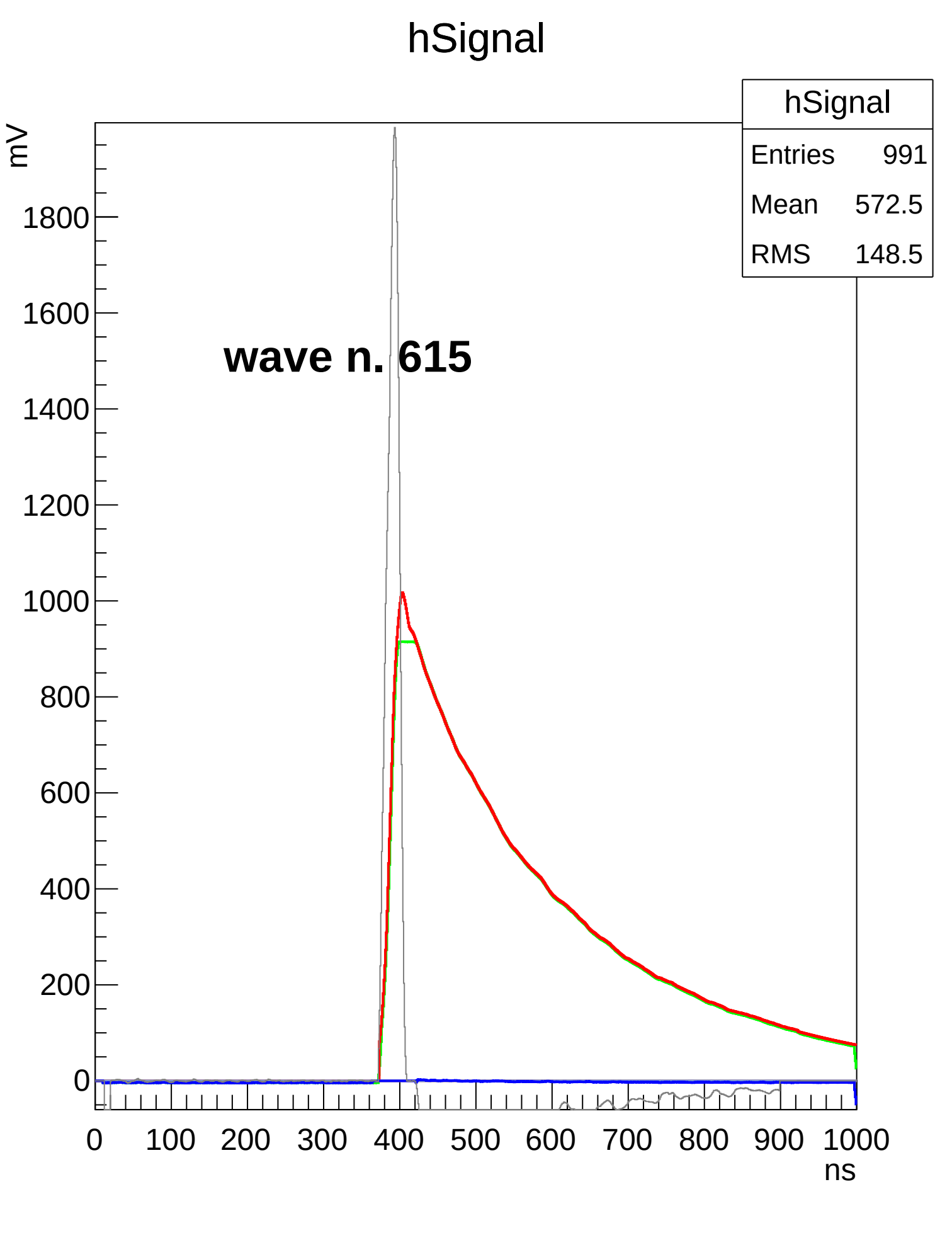
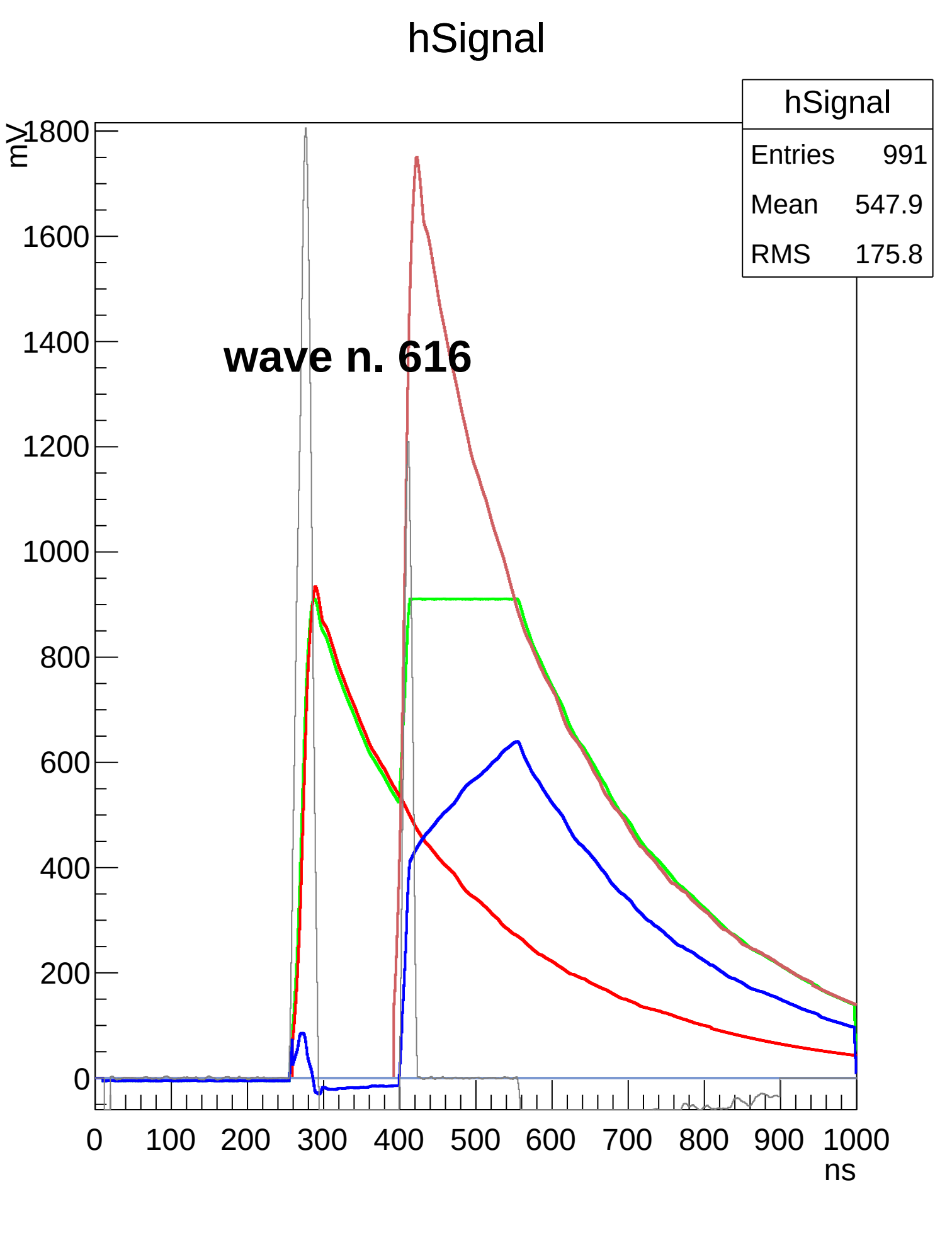
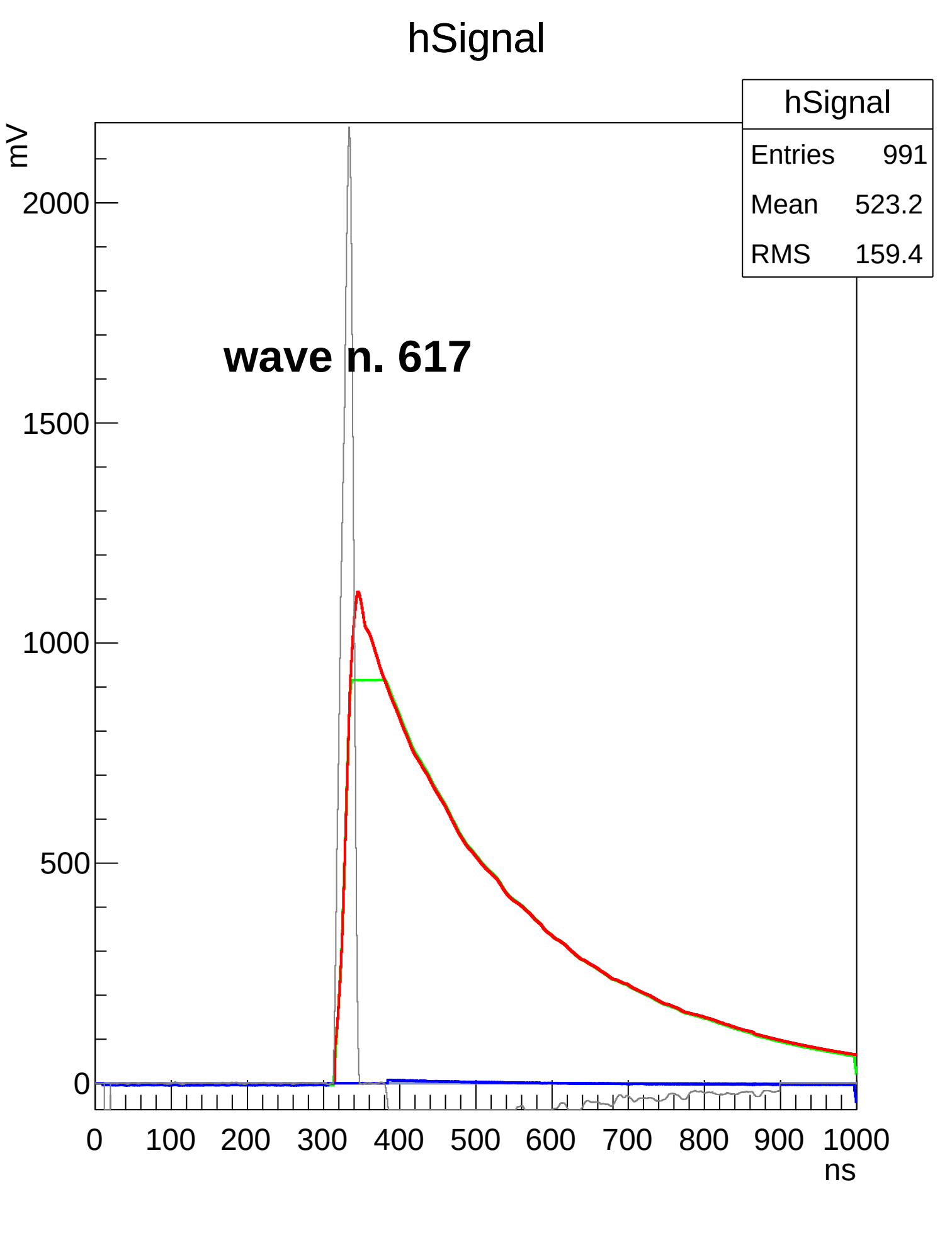
800
900
1000
ns

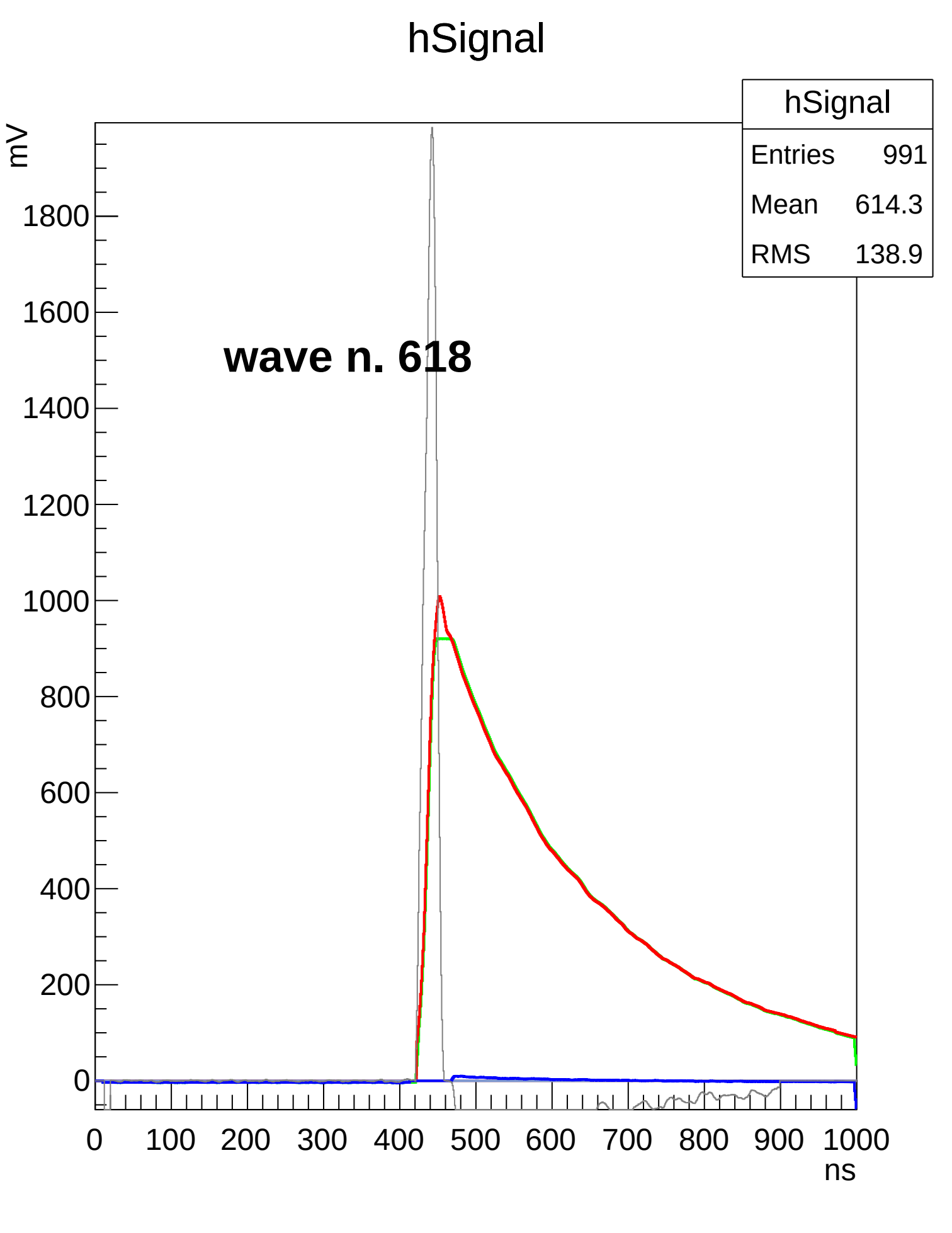

hSignal
hSignal
Entries 991
Mean 503
RMS 162
wave n. 613
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

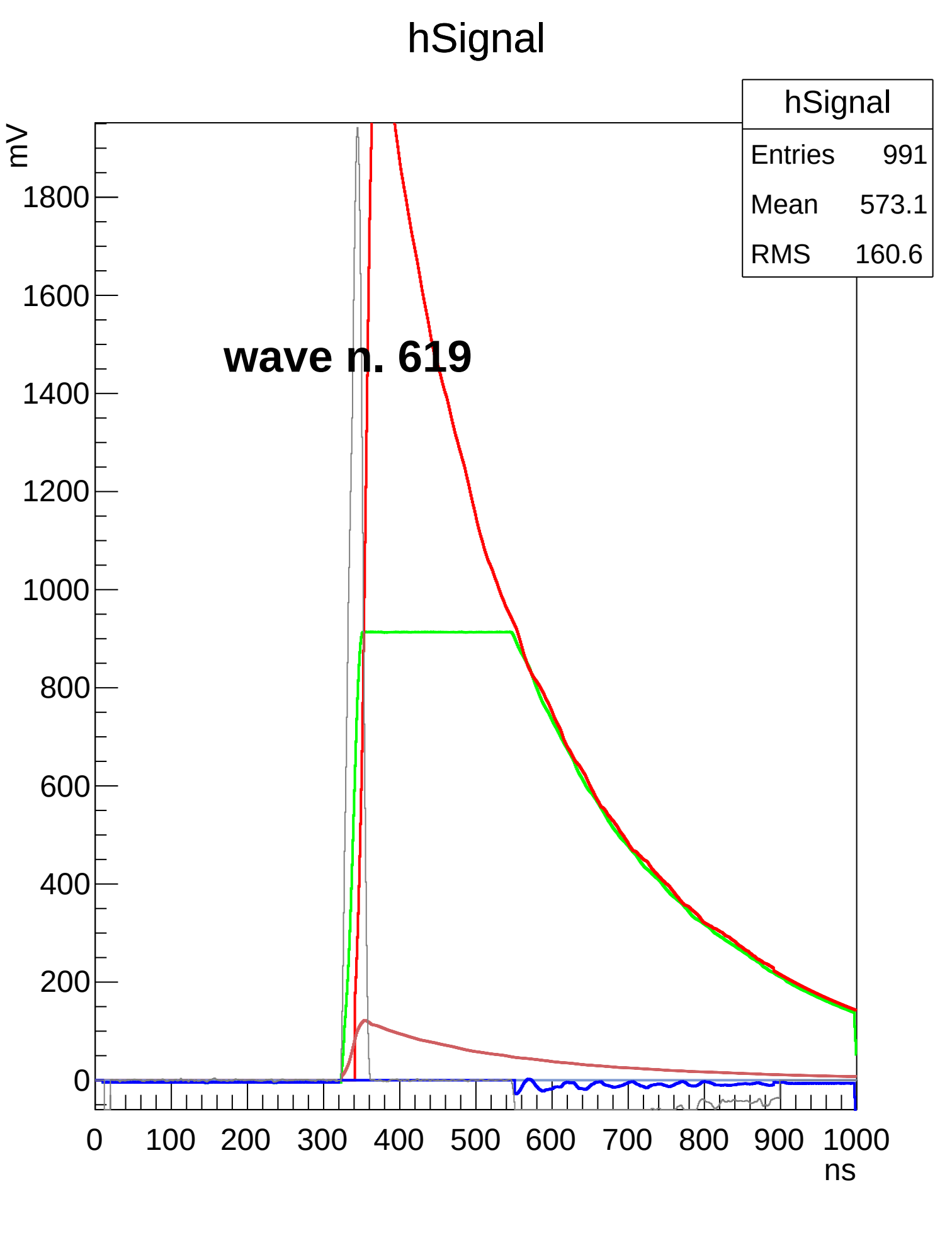

hSignal
hSignal
Entries 991
Mean 528.2
RMS 177.9
wave n. 614
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

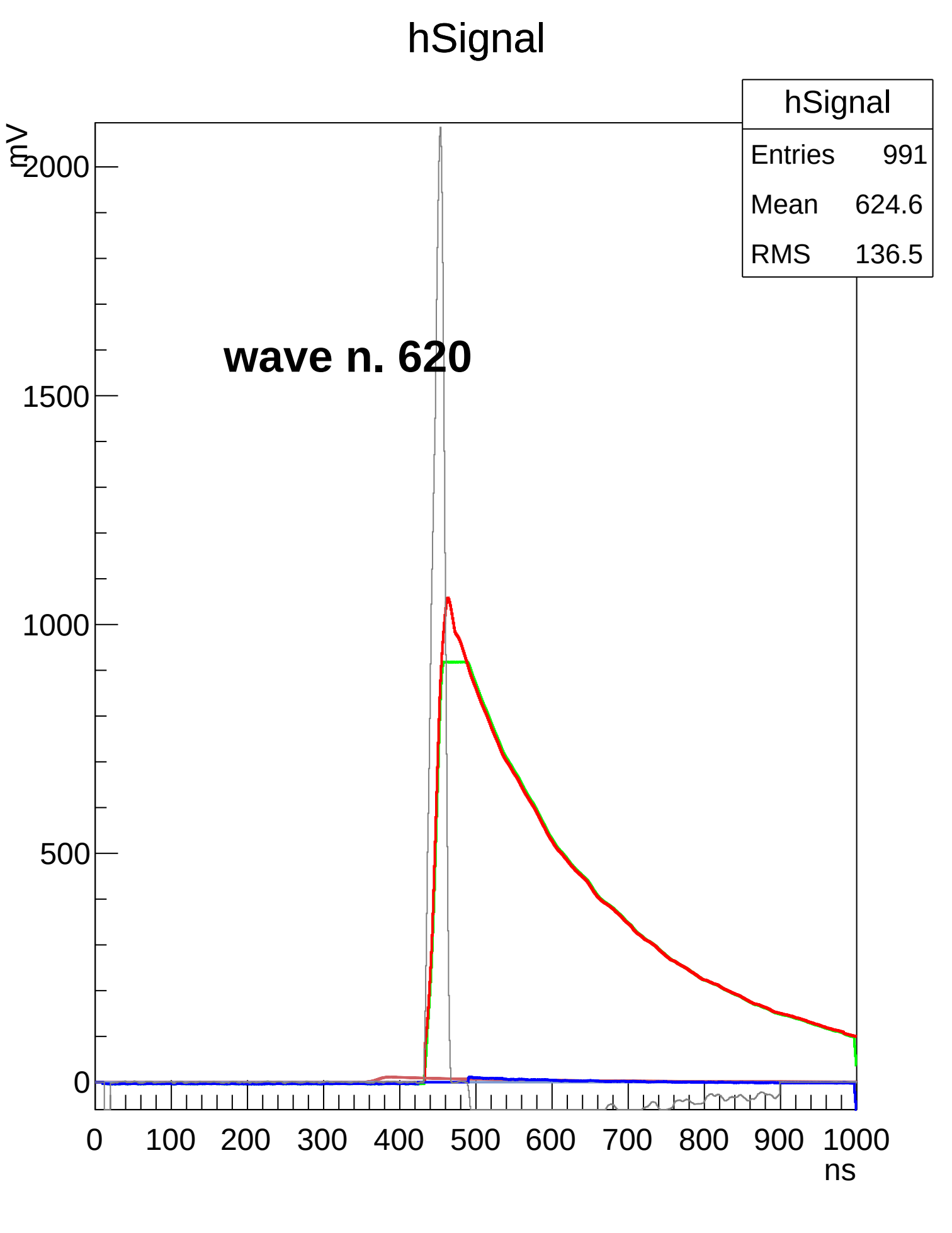

hSignal
hSignal
Entries 991
Mean 572.5
RMS 148.5
wave n. 615
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 547.9
RMS 175.8
wave n. 616
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 523.2
RMS 159.4
wave n. 617
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 614.3
RMS 138.9
wave n. 618
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.1
RMS 160.6
wave n. 619
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 624.6
RMS 136.5
wave n. 620
mV
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1500
1000
500
0
0
100
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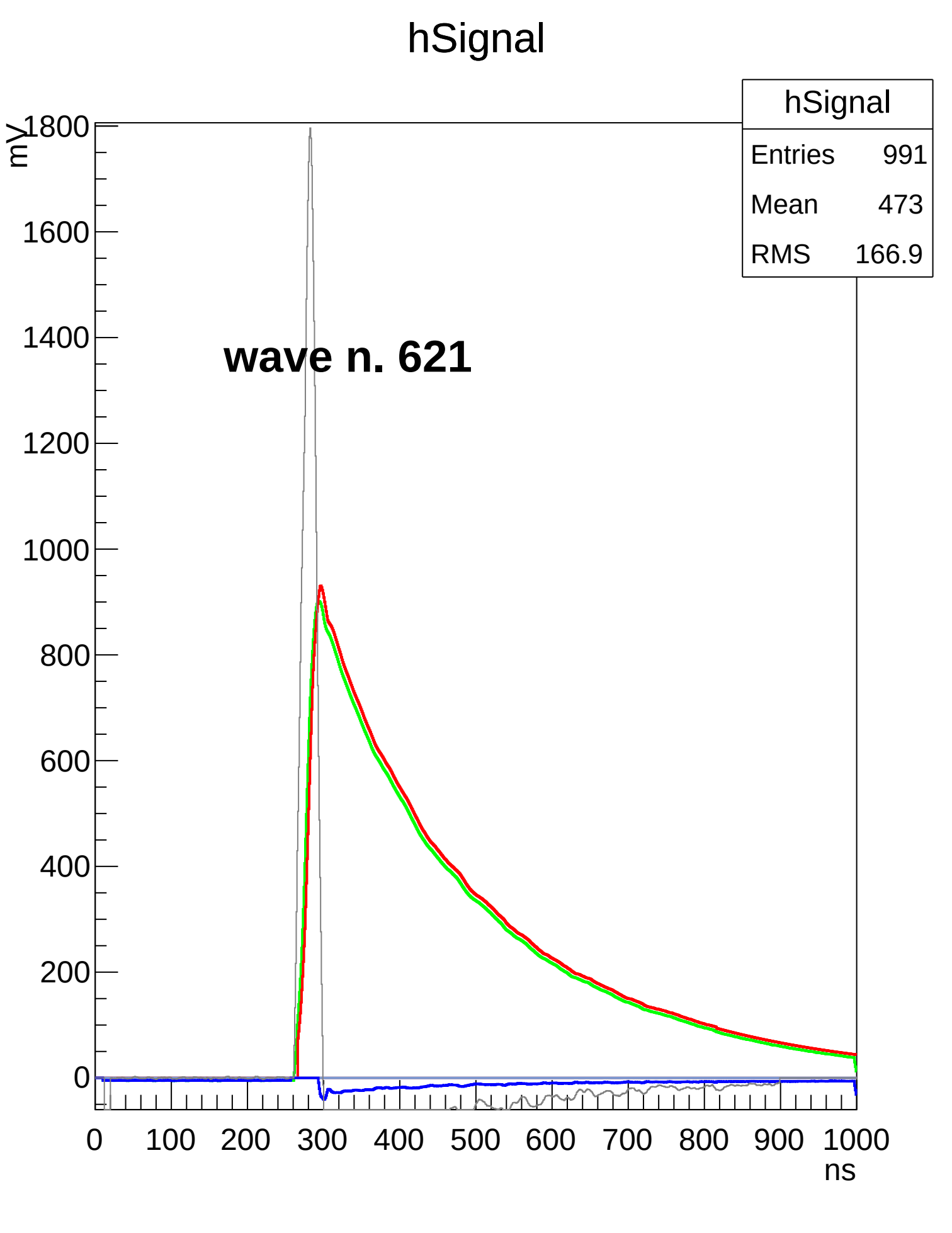
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 473
RMS 166.9
wave n. 621
mV
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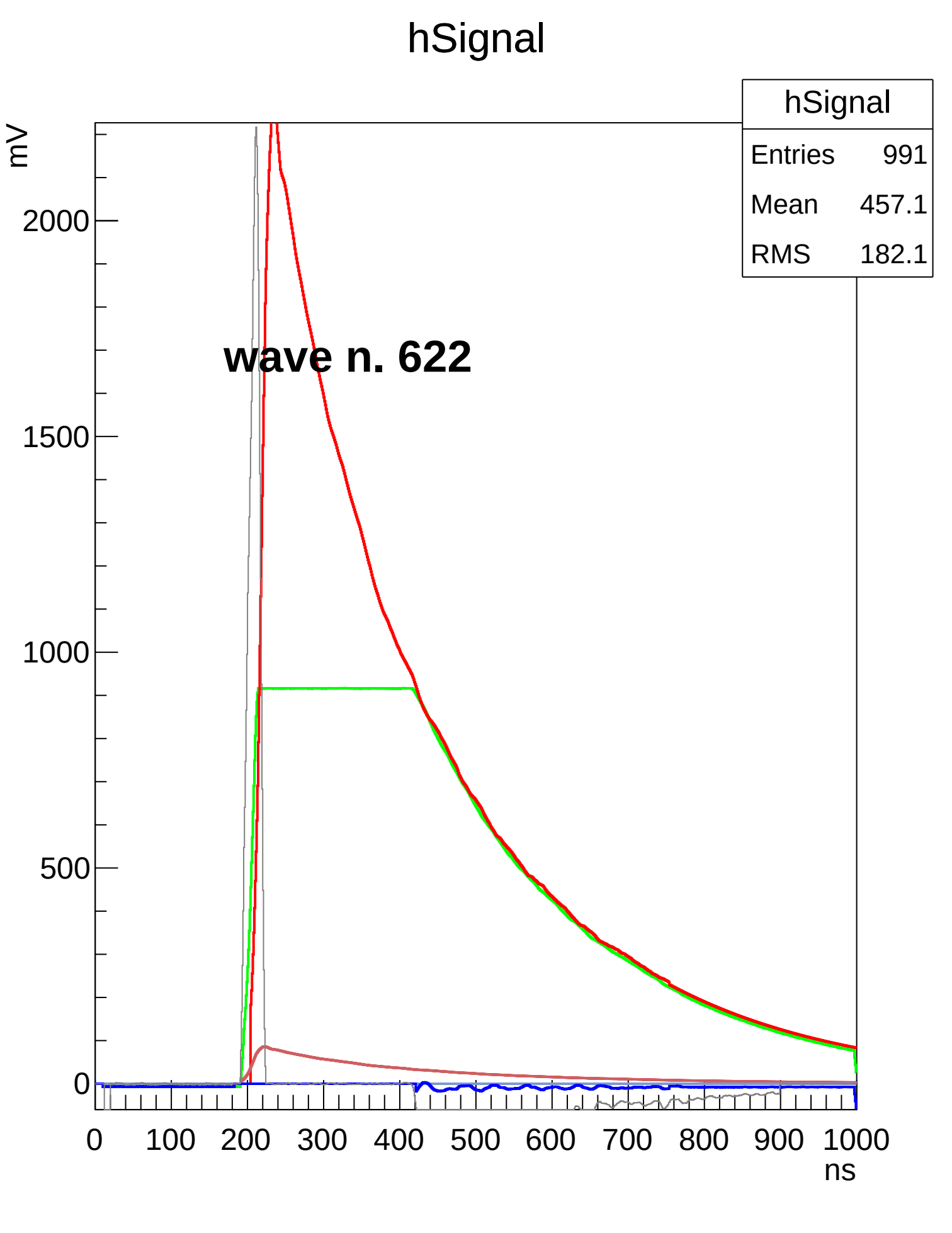
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 457.1
RMS 182.1
wave n. 622
mV
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1000
500
0
0
100
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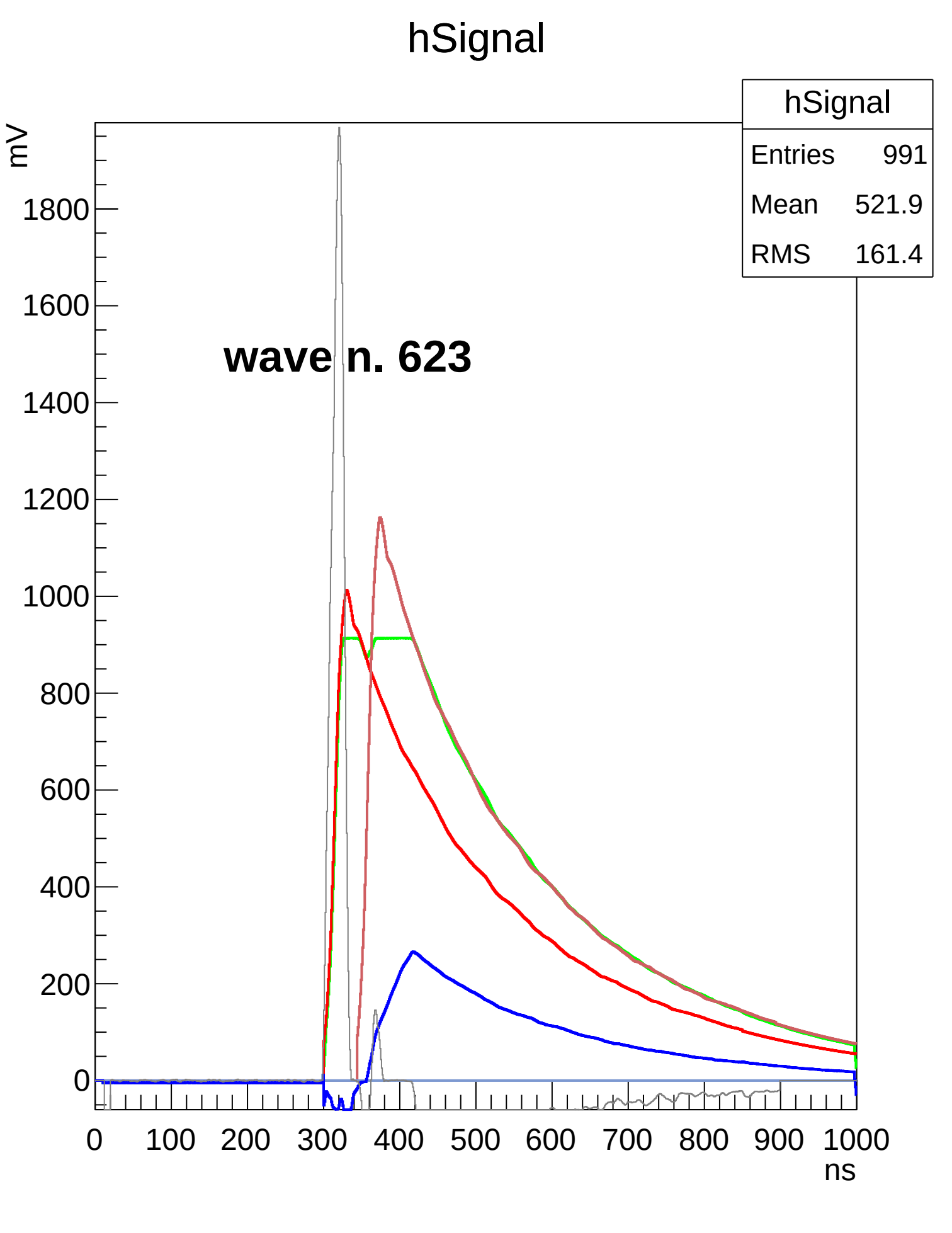
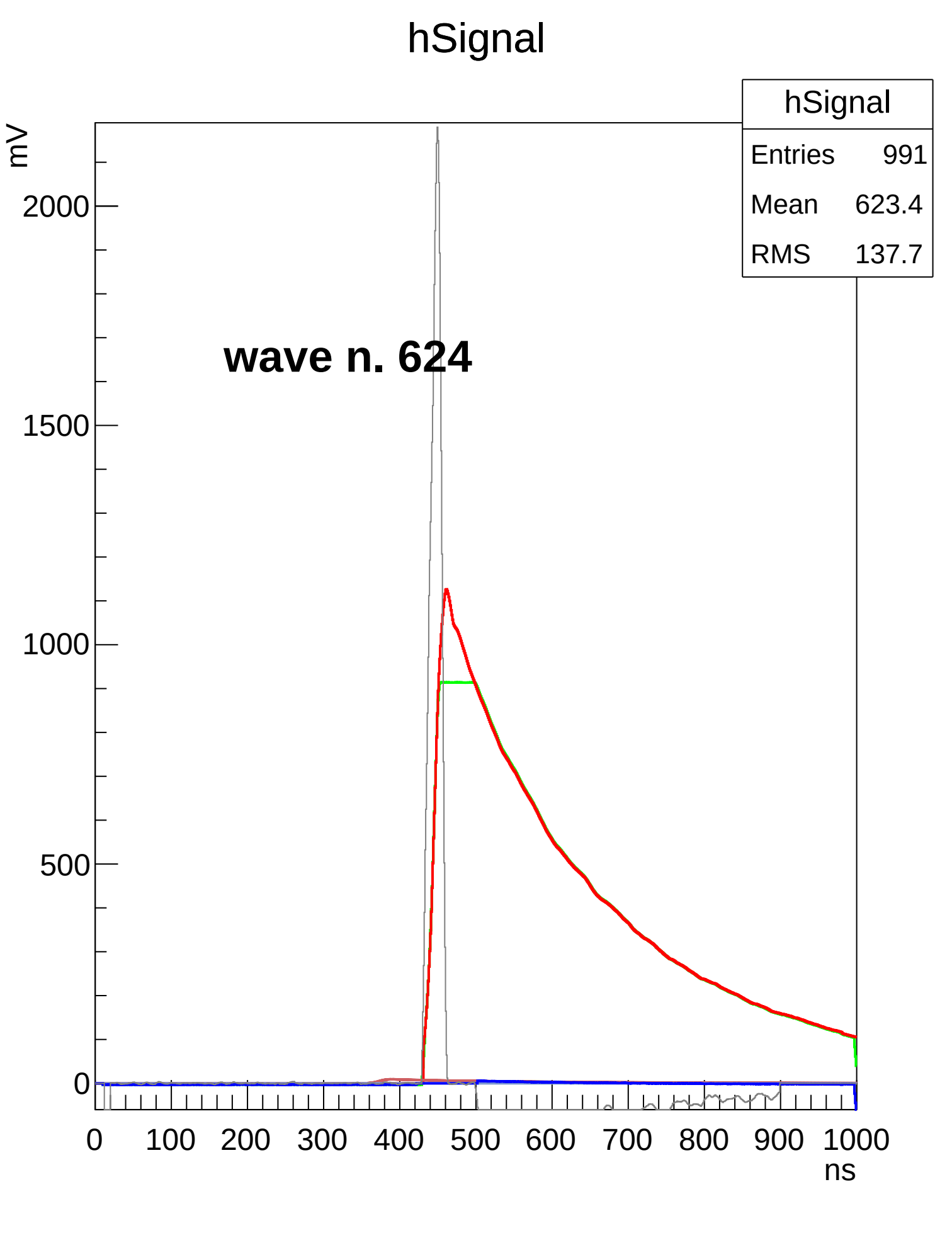
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521.9
RMS 161.4
wave n. 623
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 623.4
RMS 137.7
wave n. 624
mV
2000
1500
1000
500
0
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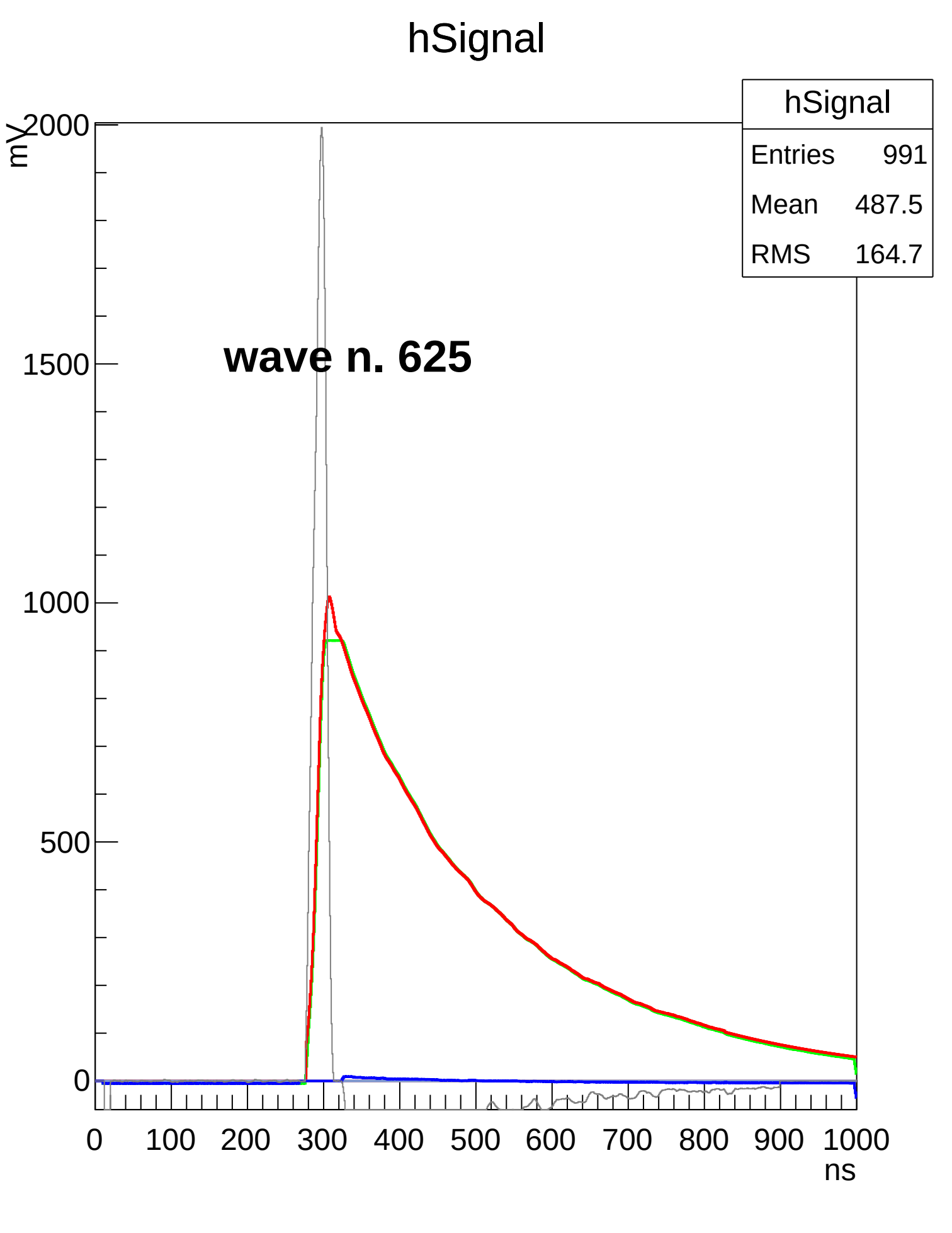
ns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hSignal
Entries 991
Mean 487.5
RMS 164.7
wave n. 625
mV
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1000
500
0
0
100
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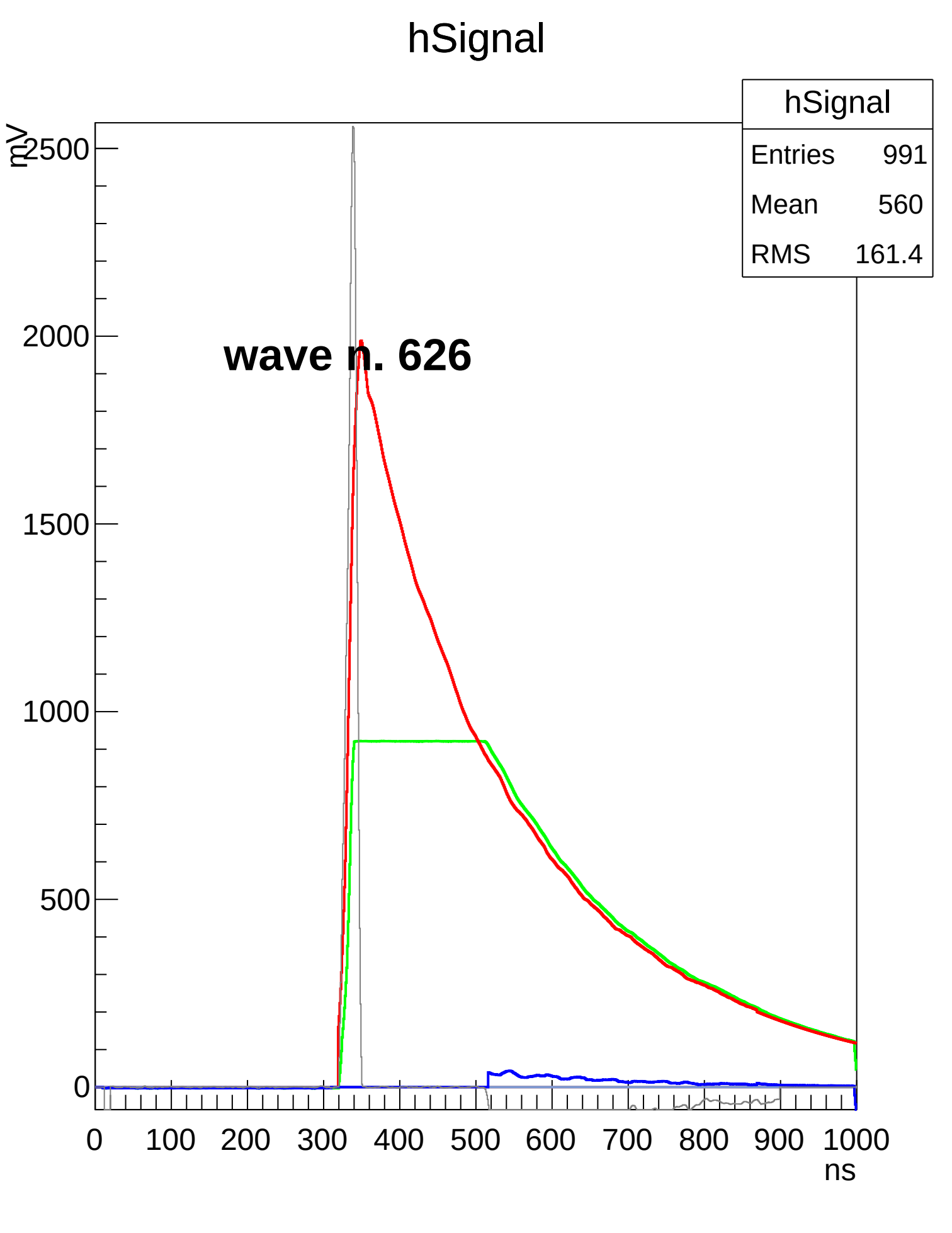
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560
RMS 161.4
wave n. 626
mV
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2000
1500
1000
500
0
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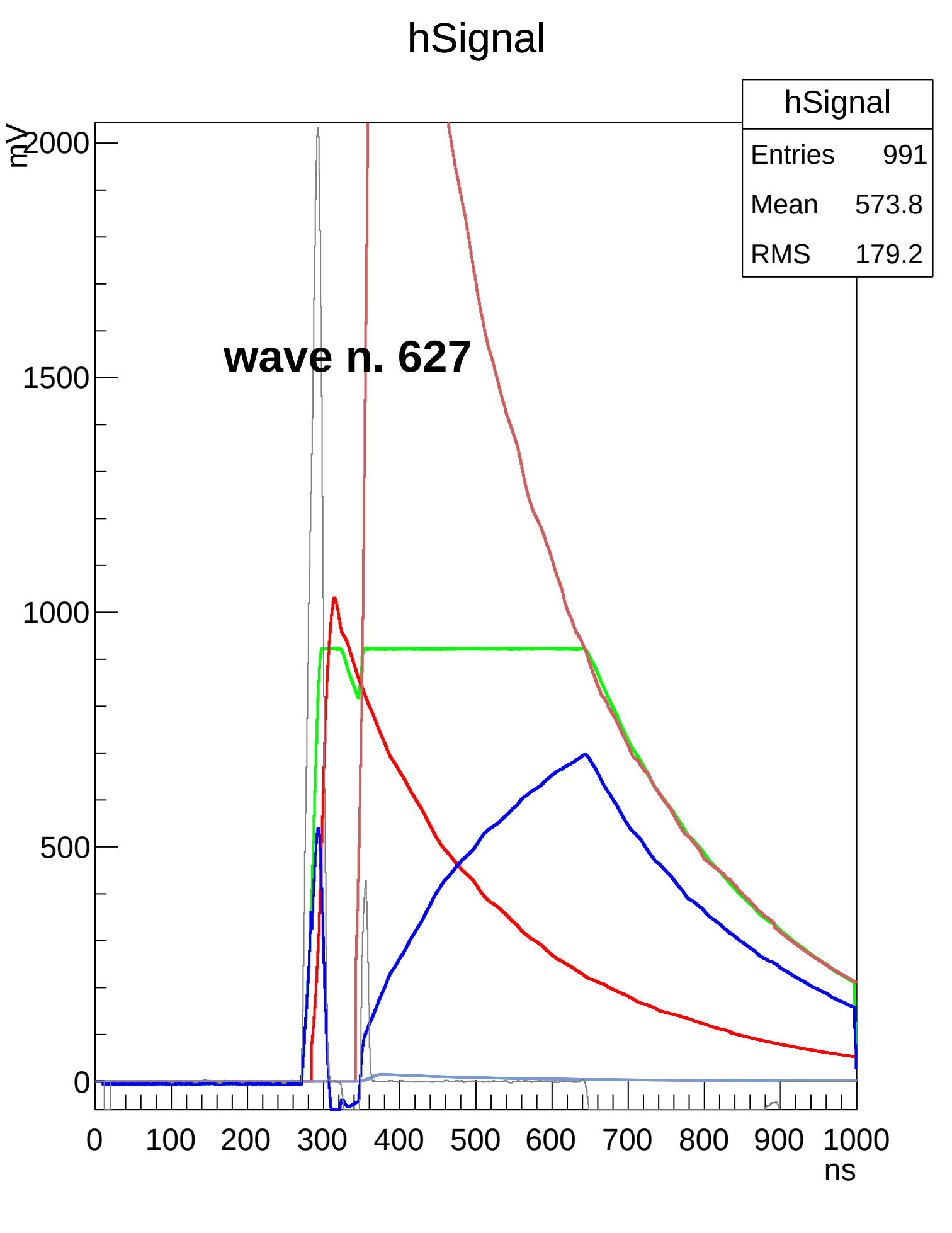
ns


hSignal
hSignal
Entries 991
Mean 573.8
RMS 179.2
wave n. 627
mV
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1500
1000
500
0
0
100
200
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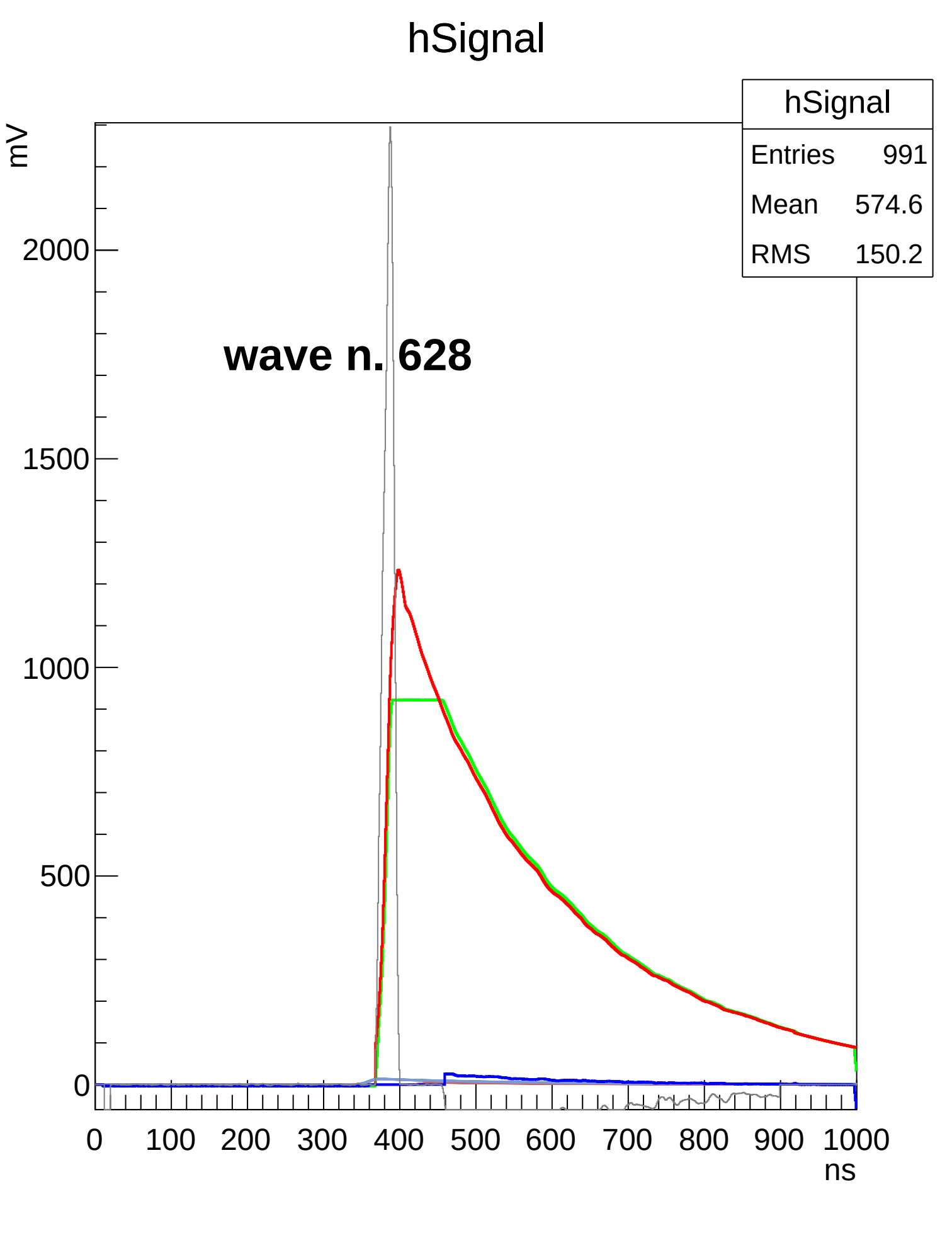
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 574.6
RMS 150.2
wave n. 628
mV
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1000
500
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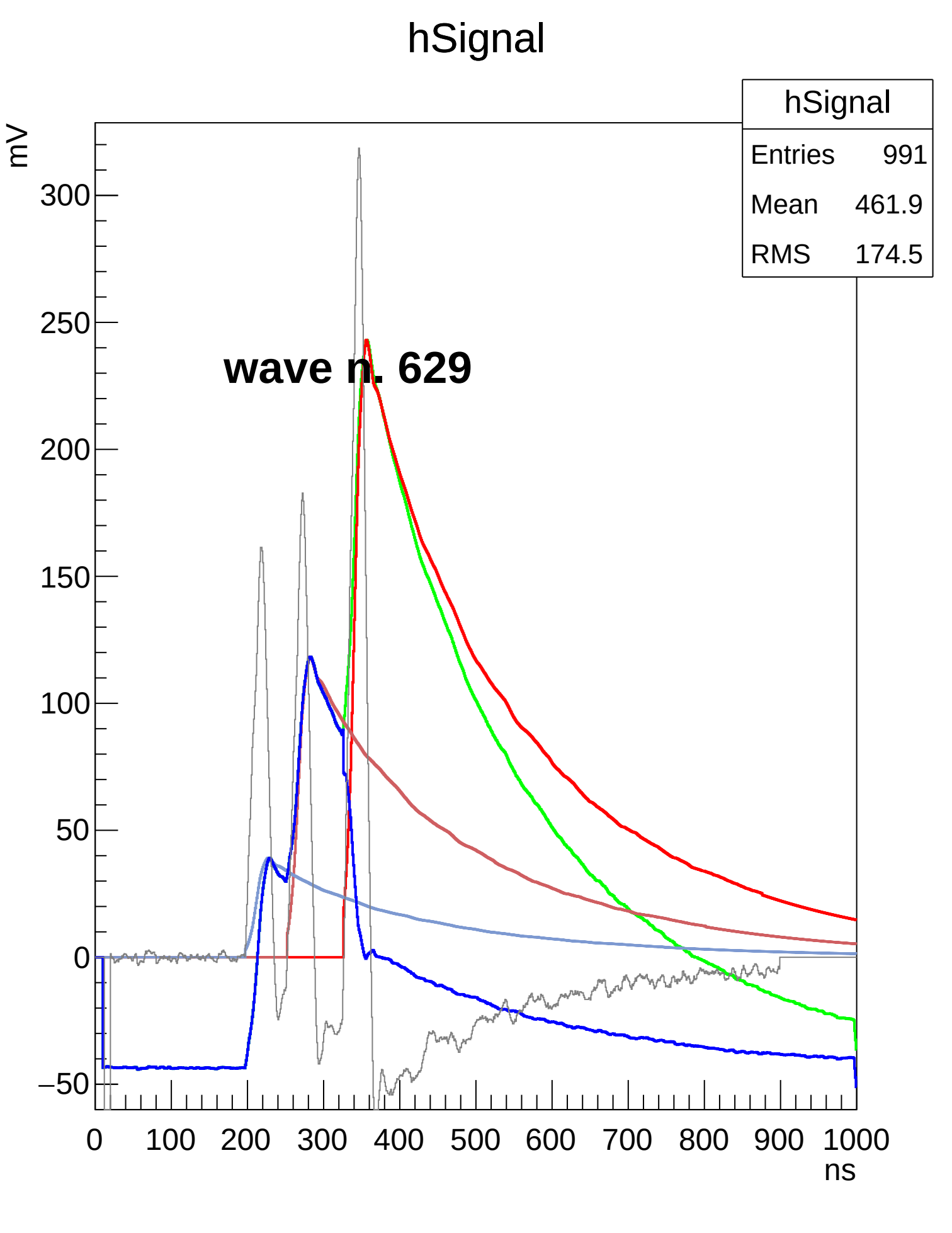
ns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Entries 991
Mean 461.9
RMS 174.5
wave n. 629
mV
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100
50
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100
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400
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1000
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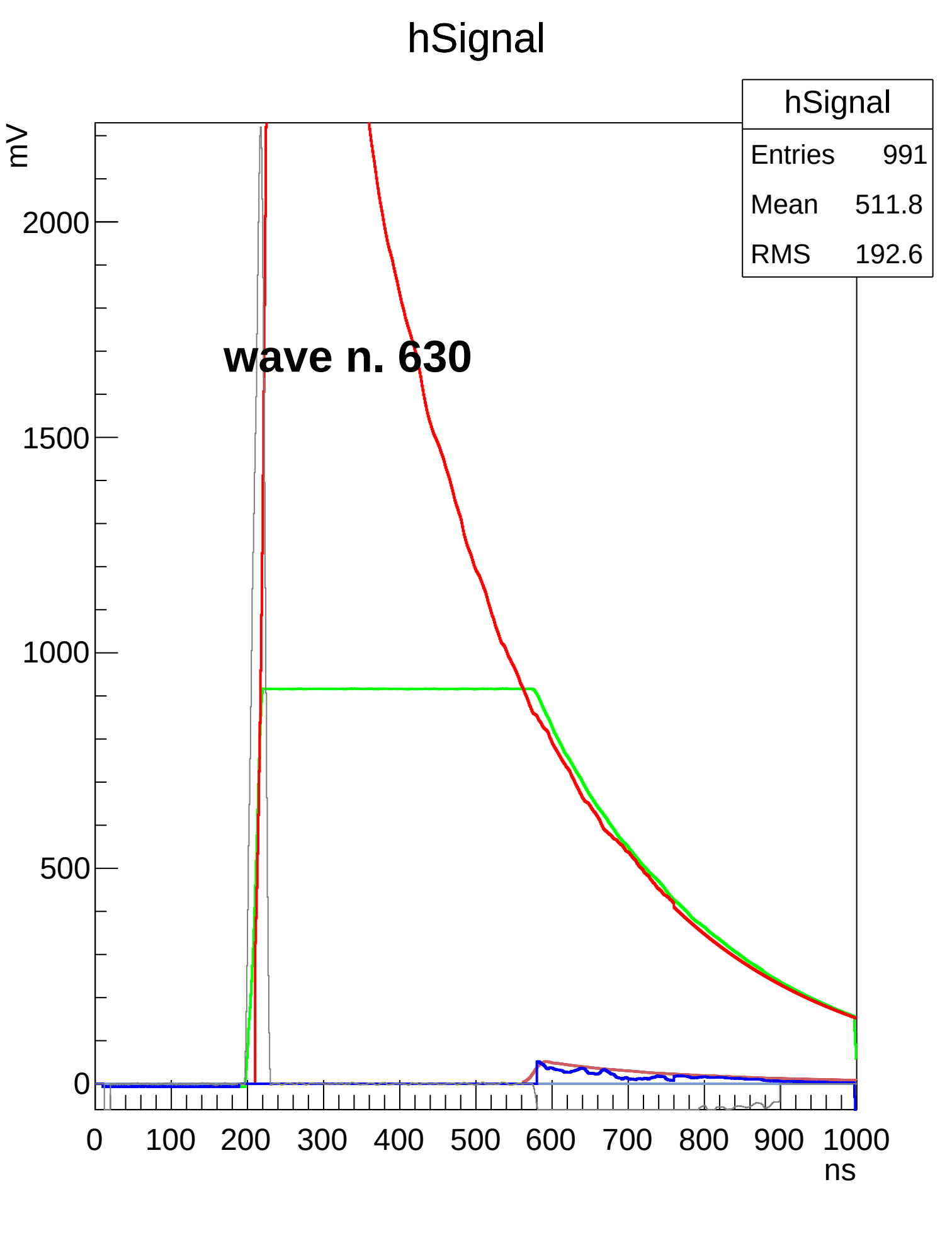
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hSignal
Entries 991
Mean 511.8
RMS 192.6
wave n. 630
mV
2000
1500
1000
500
0
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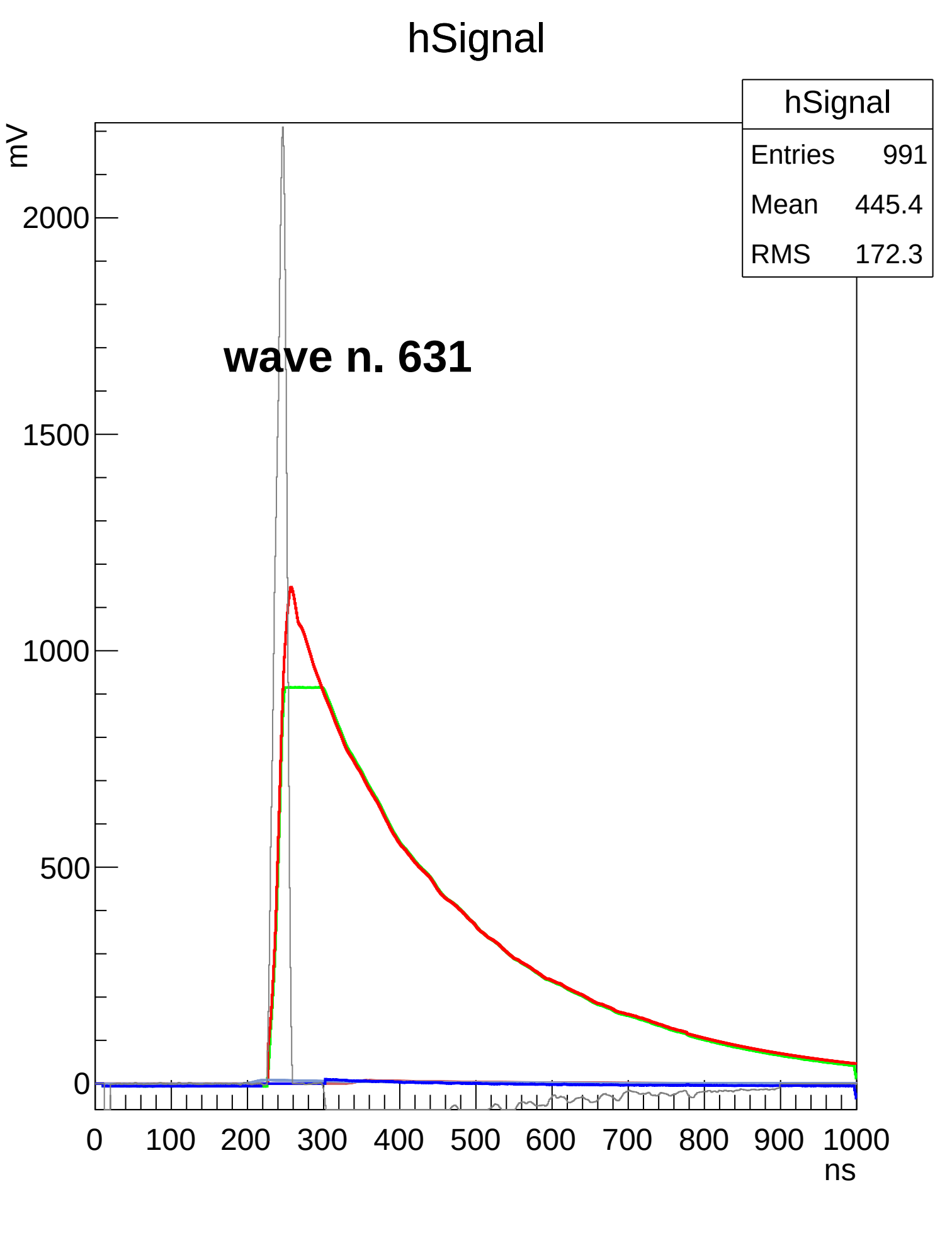
ns


hSignal
hSignal
Entries 991
Mean 445.4
RMS 172.3
wave n. 631
mV
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1000
500
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0
100
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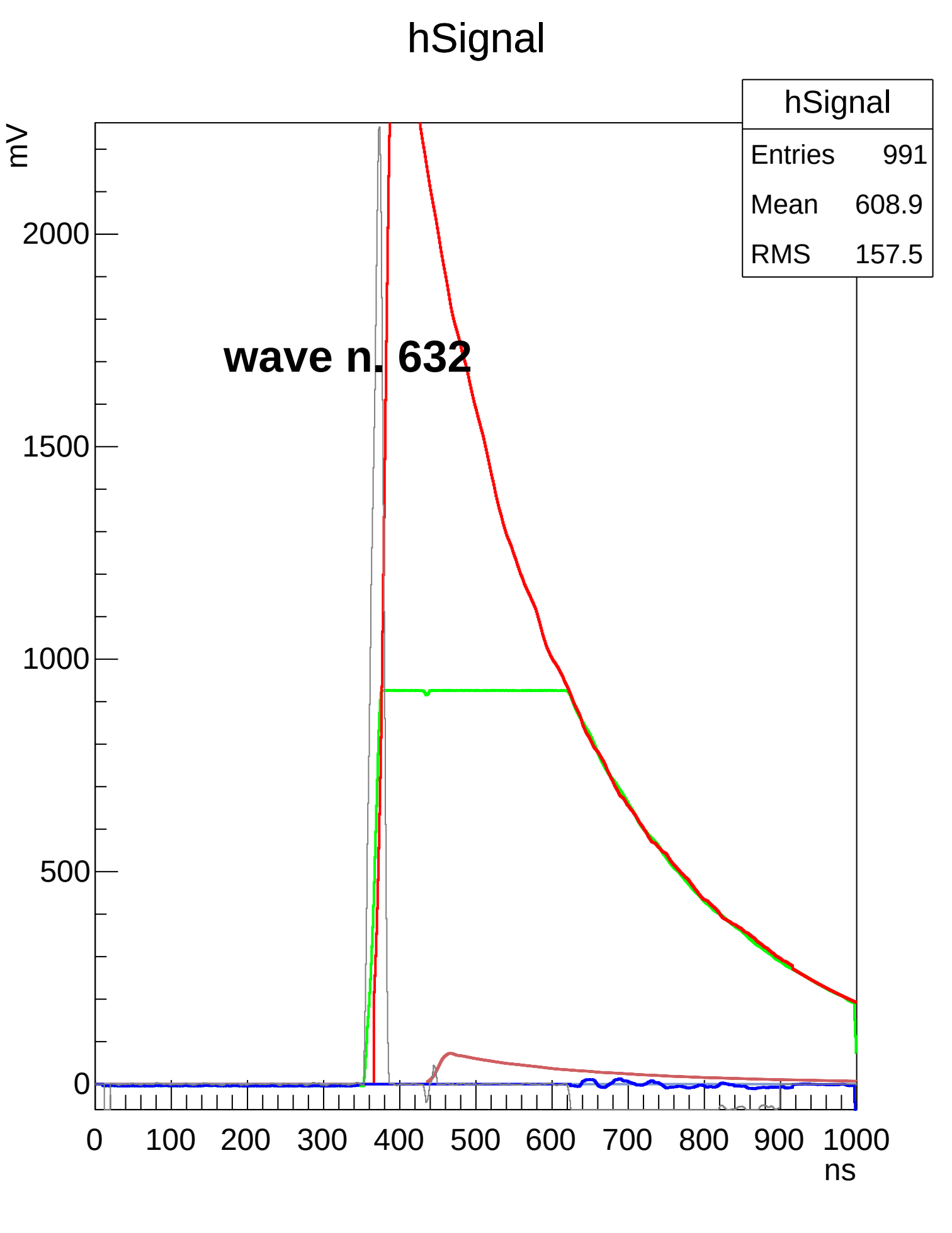
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 608.9
RMS 157.5
wave n. 632
mV
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0
100
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400
500
600
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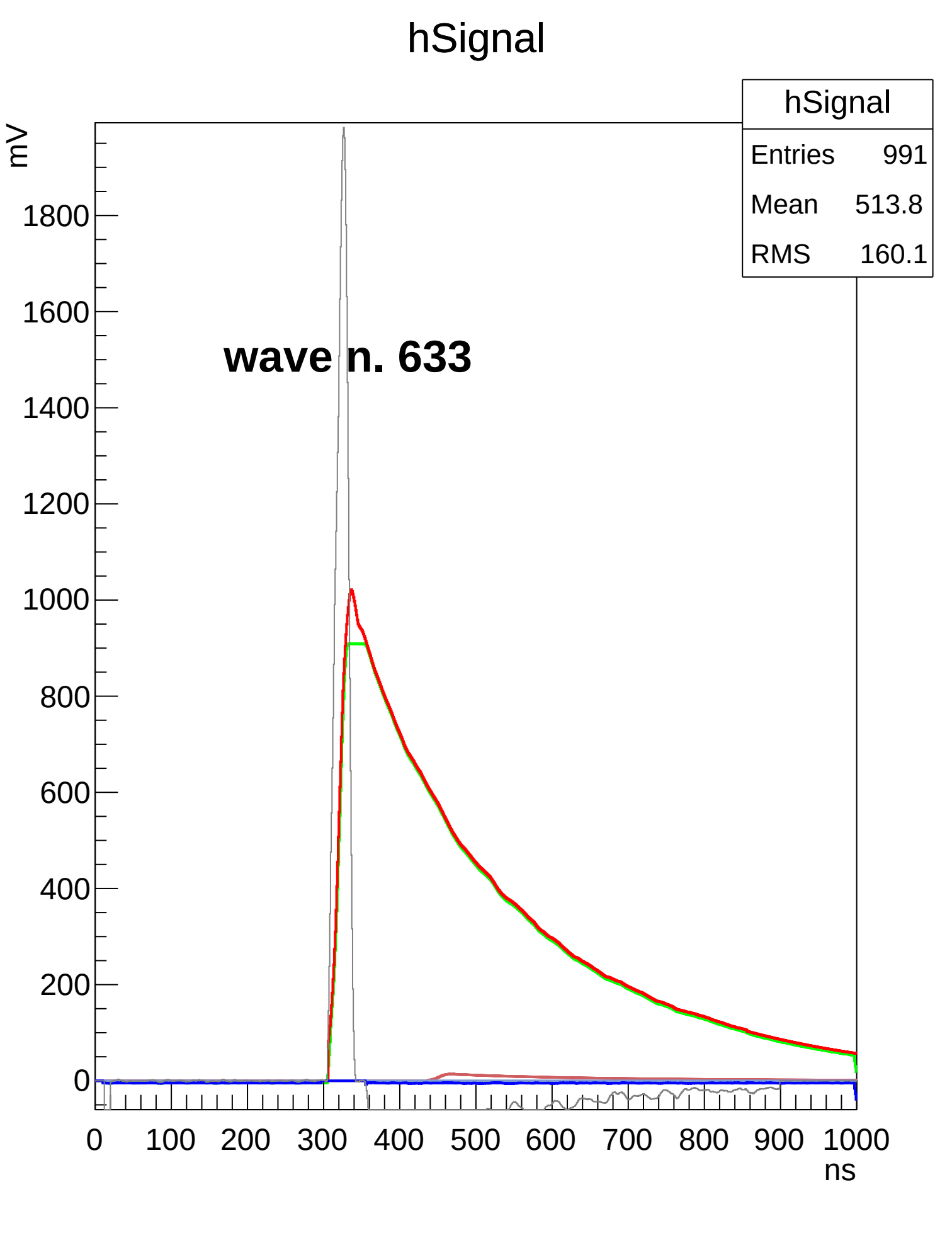
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513.8
RMS 160.1
wave n. 633
mV
1800
1600
1400
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600
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200
0
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200
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400
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800
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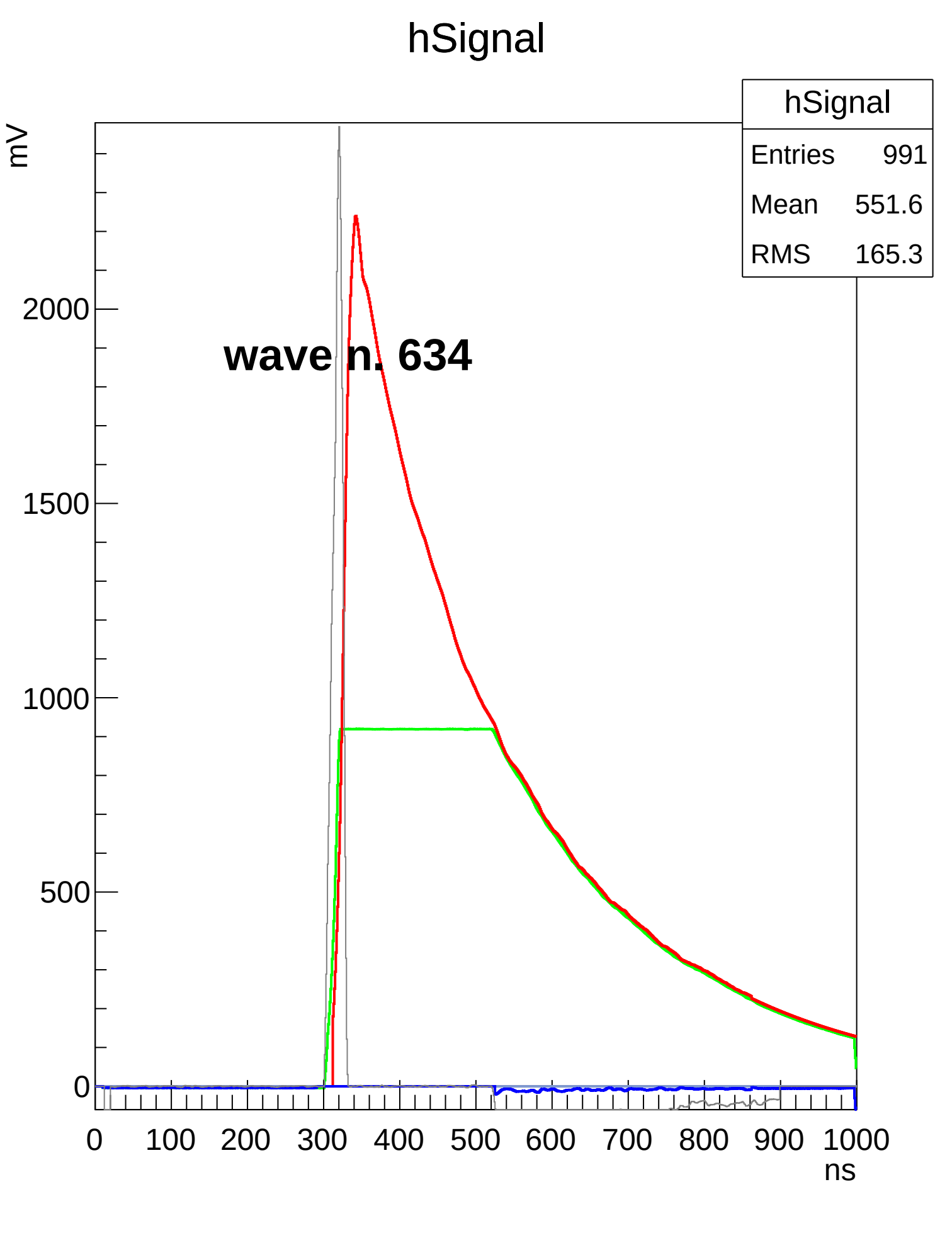
1000
ns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hSignal
Entries 991
Mean 551.6
RMS 165.3
wave n. 634
mV
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1000
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0
100
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800
900
1000
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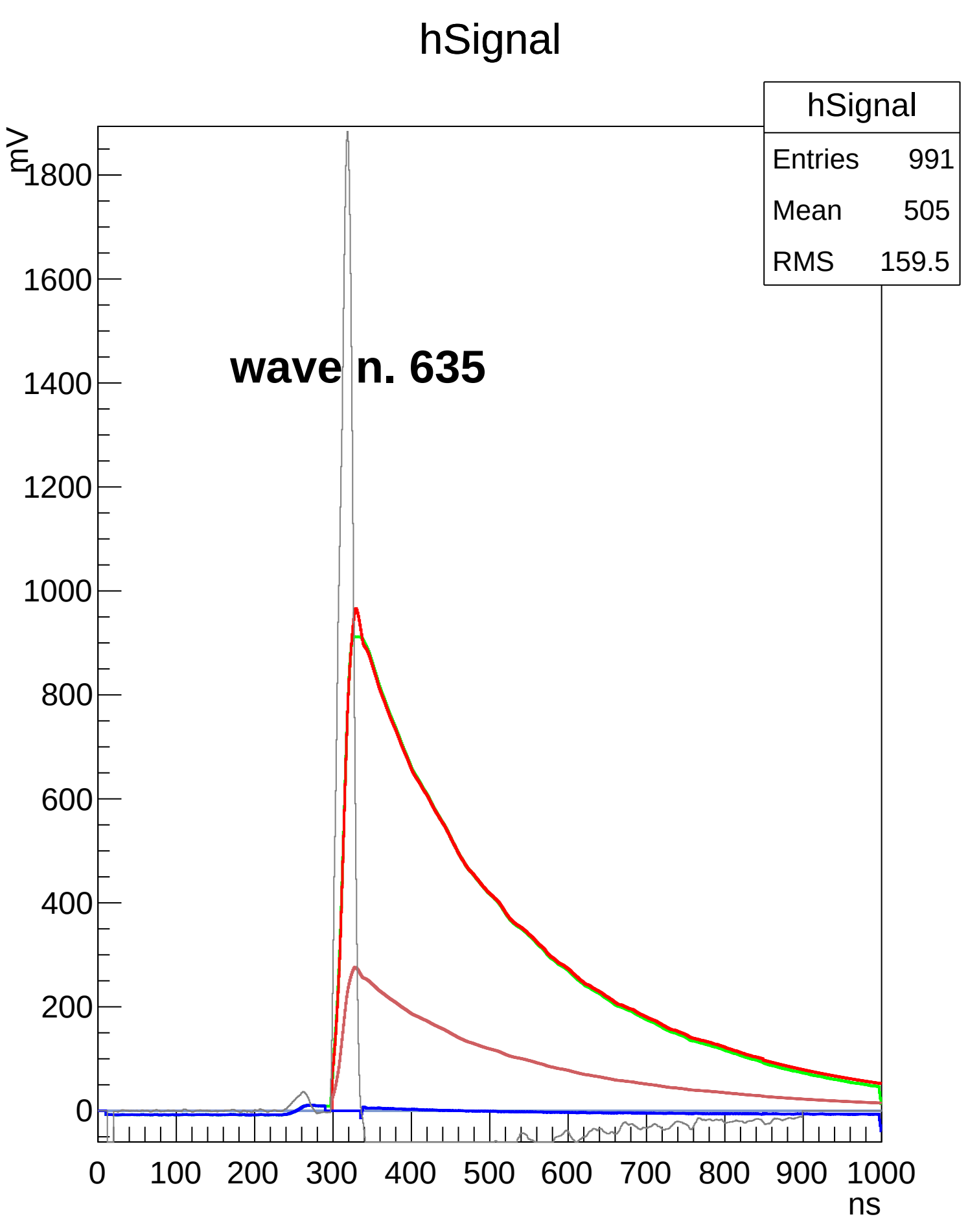
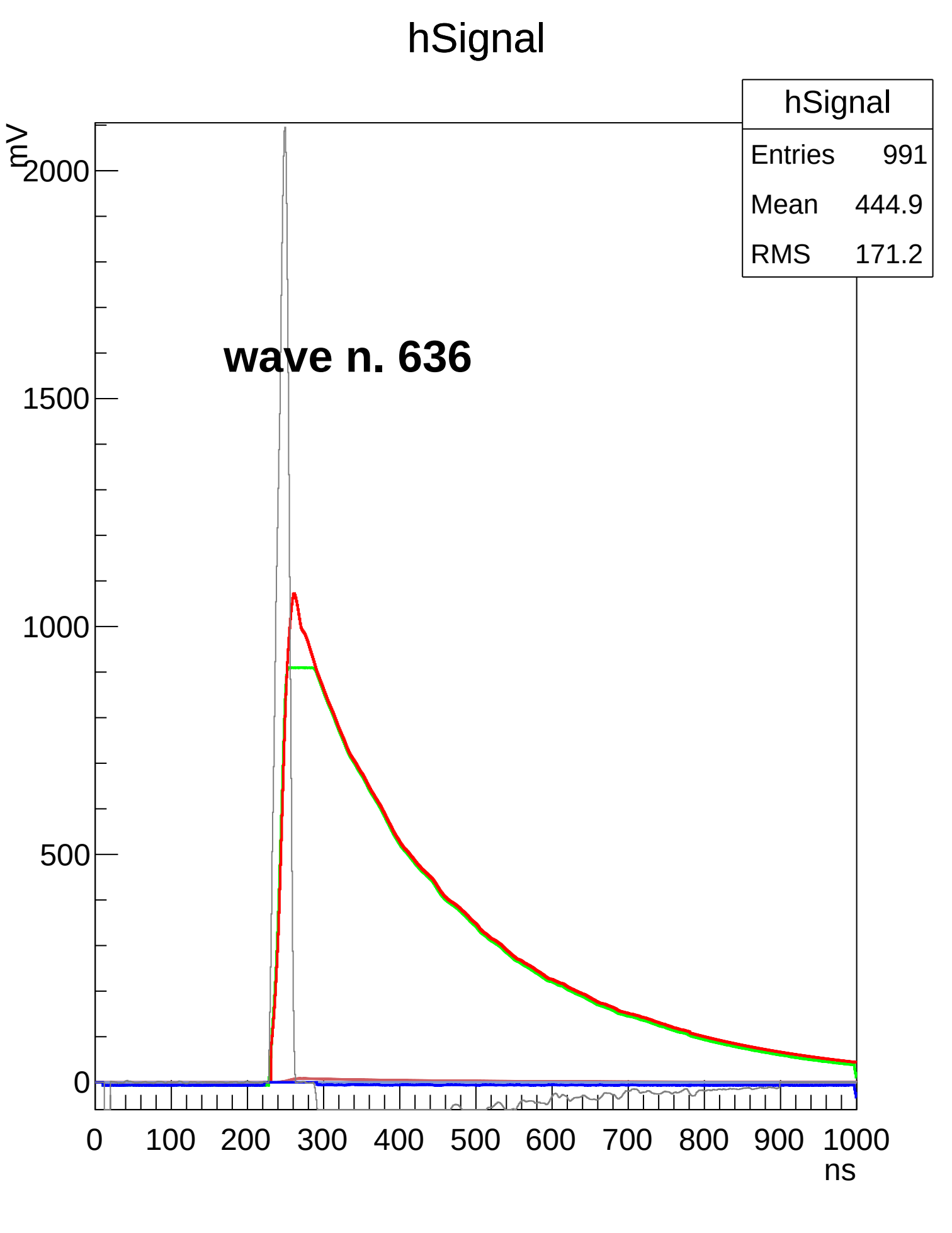
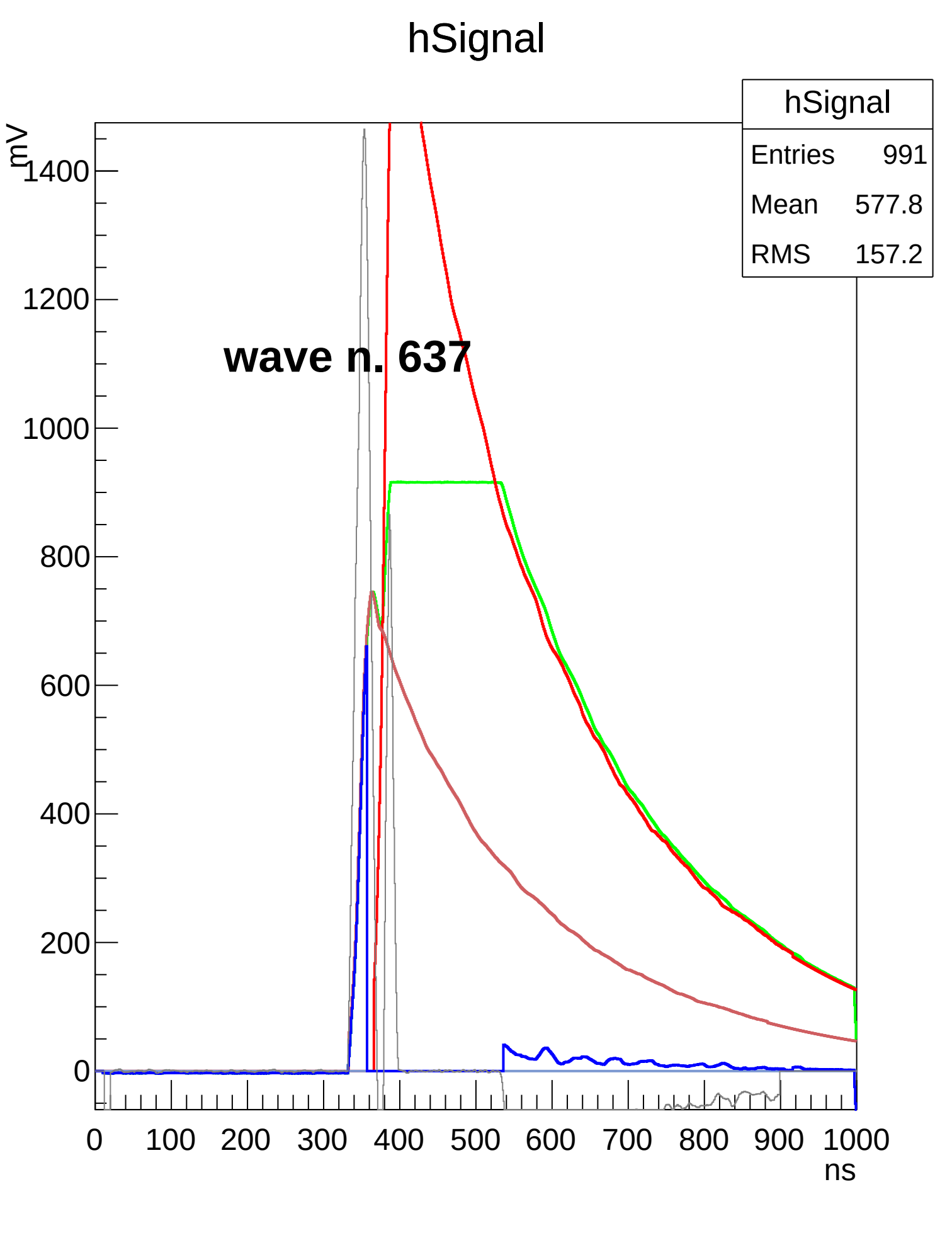
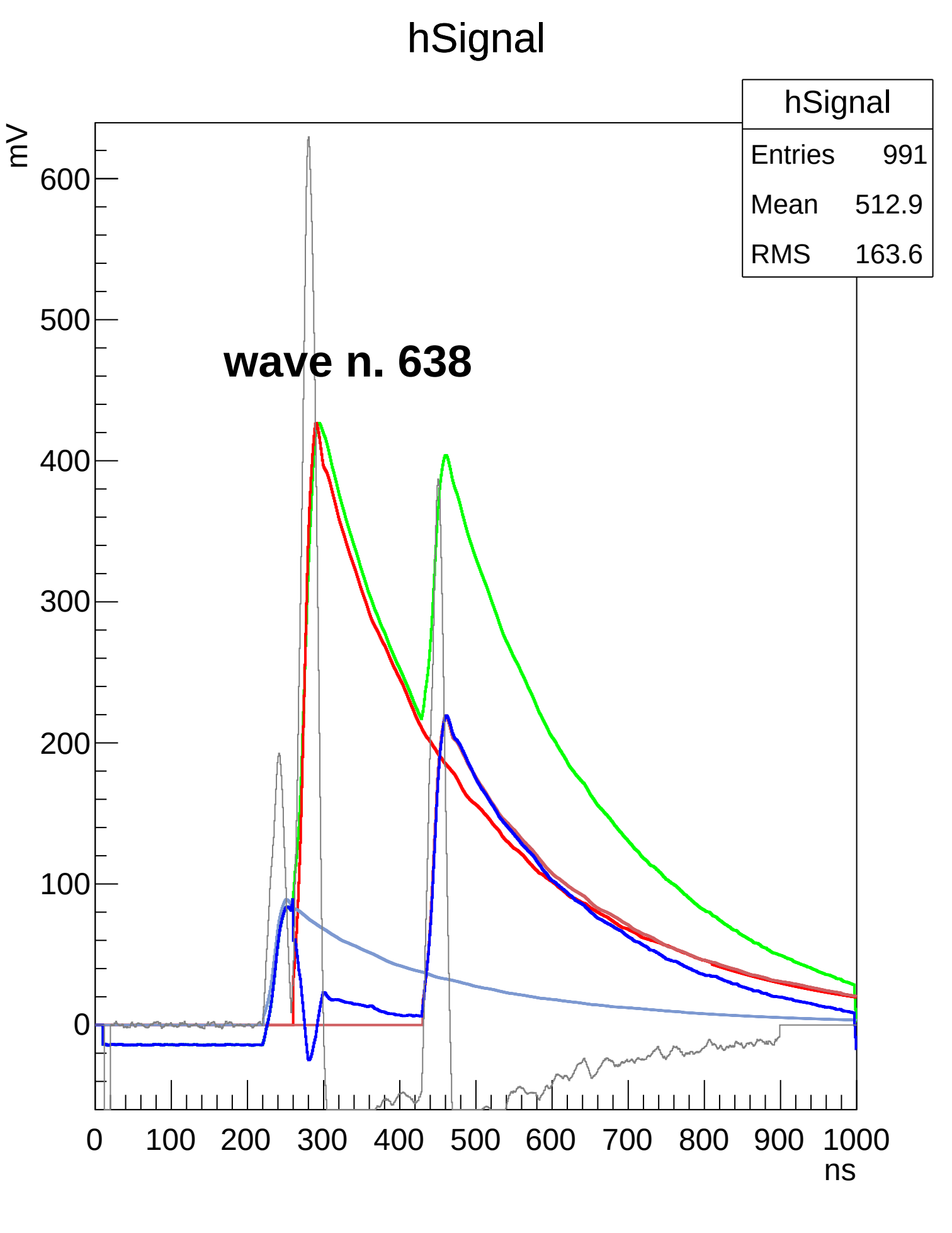
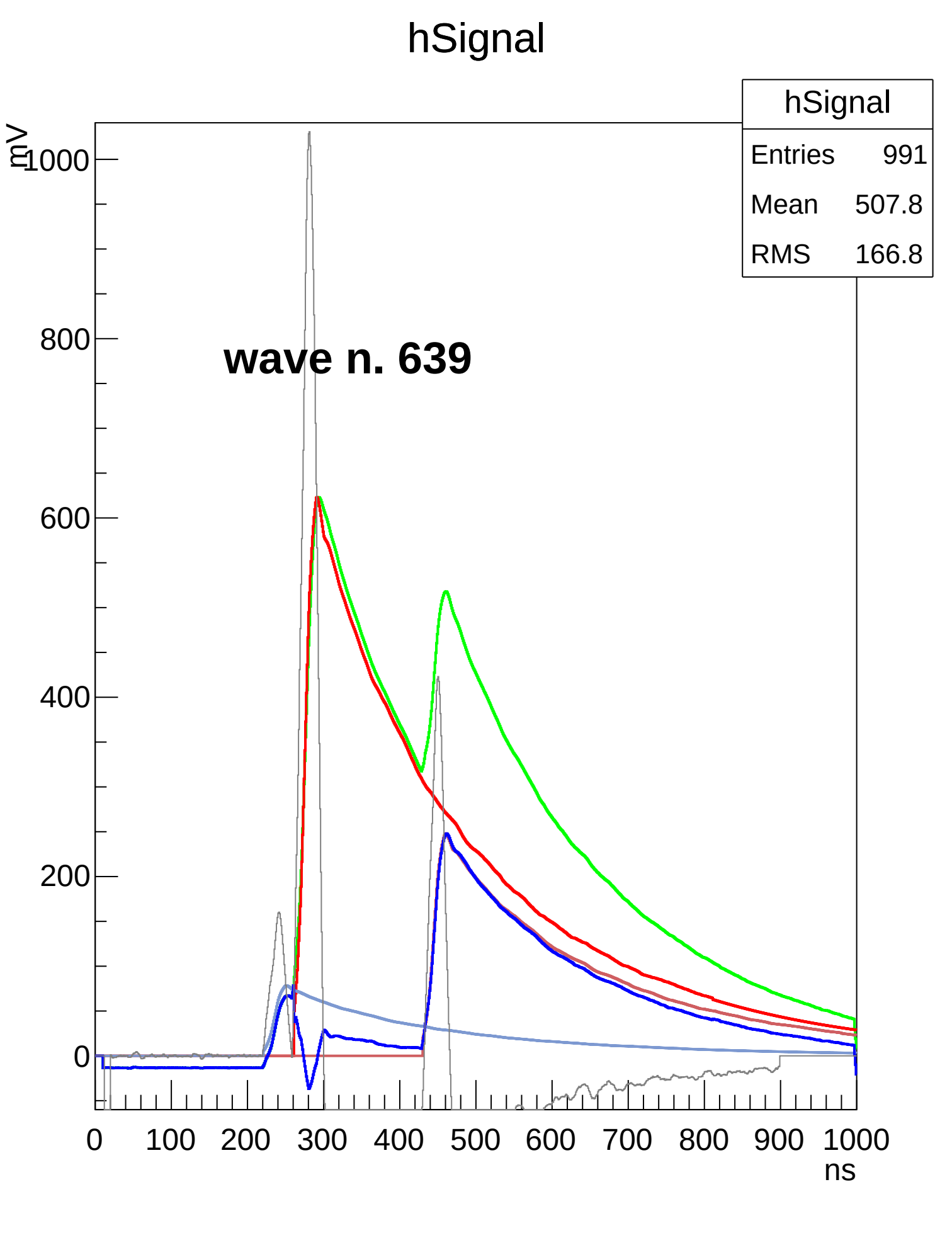

hSignal
hSignal
Entries 991
Mean 505
RMS 159.5
wave n. 635
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 444.9
RMS 171.2
wave n. 636
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 577.8
RMS 157.2
wave n. 637
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.9
RMS 163.6
wave n. 638
mV
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507.8
RMS 166.8
wave n. 639
mV
1000
800
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400
200
0
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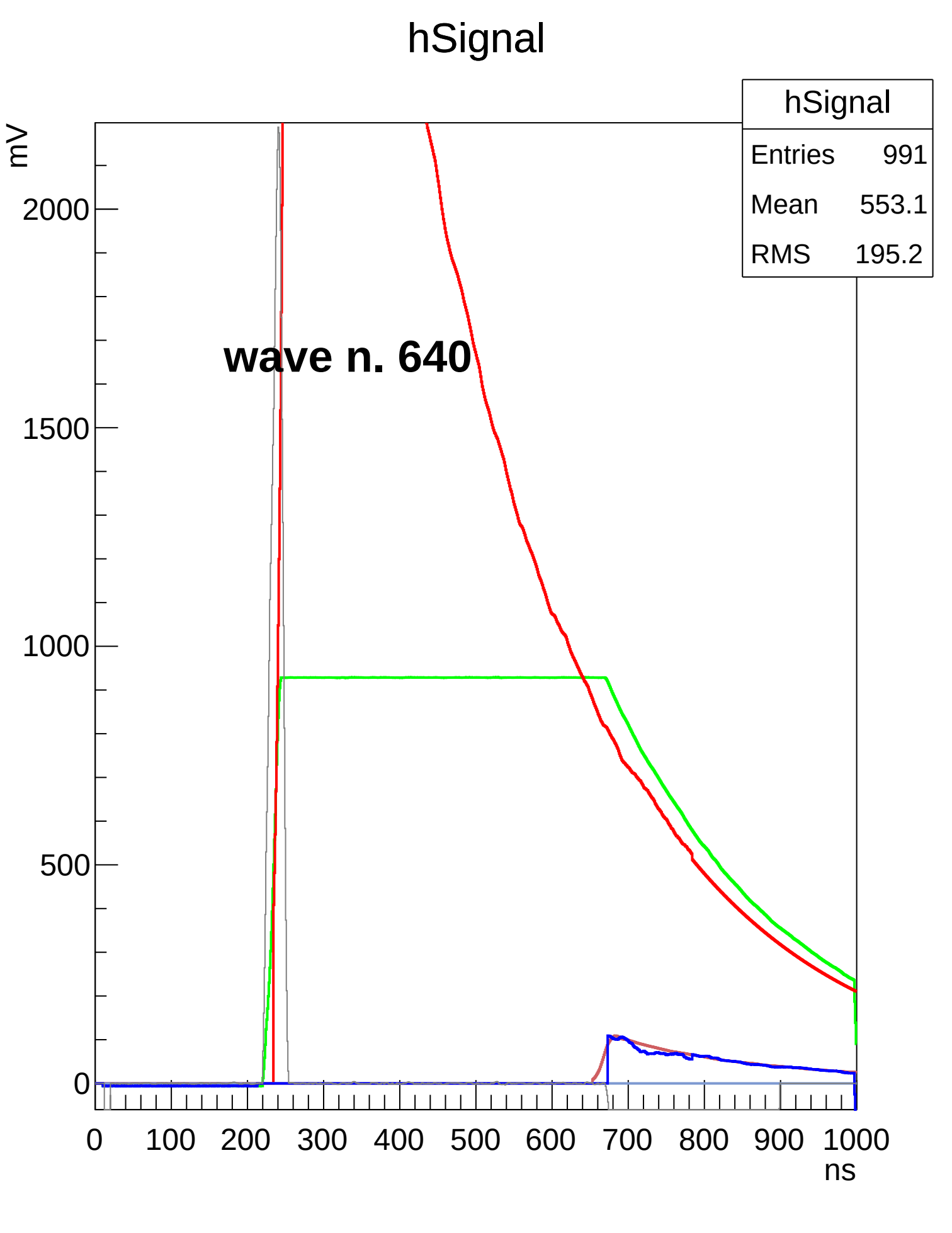
ns


hSignal
hSignal
Entries 991
Mean 553.1
RMS 195.2
wave n. 640
mV
2000
1500
1000
500
0
0
100
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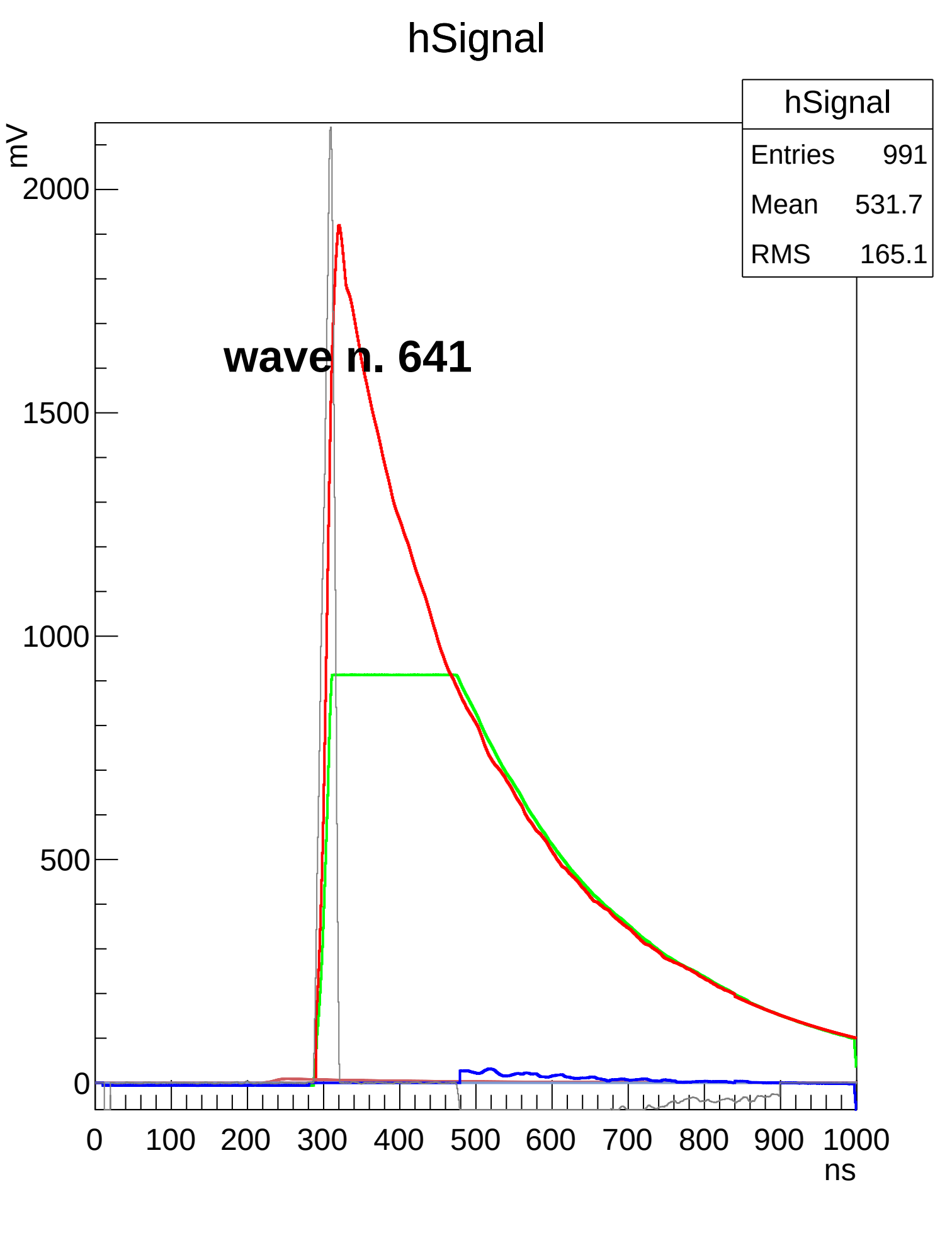
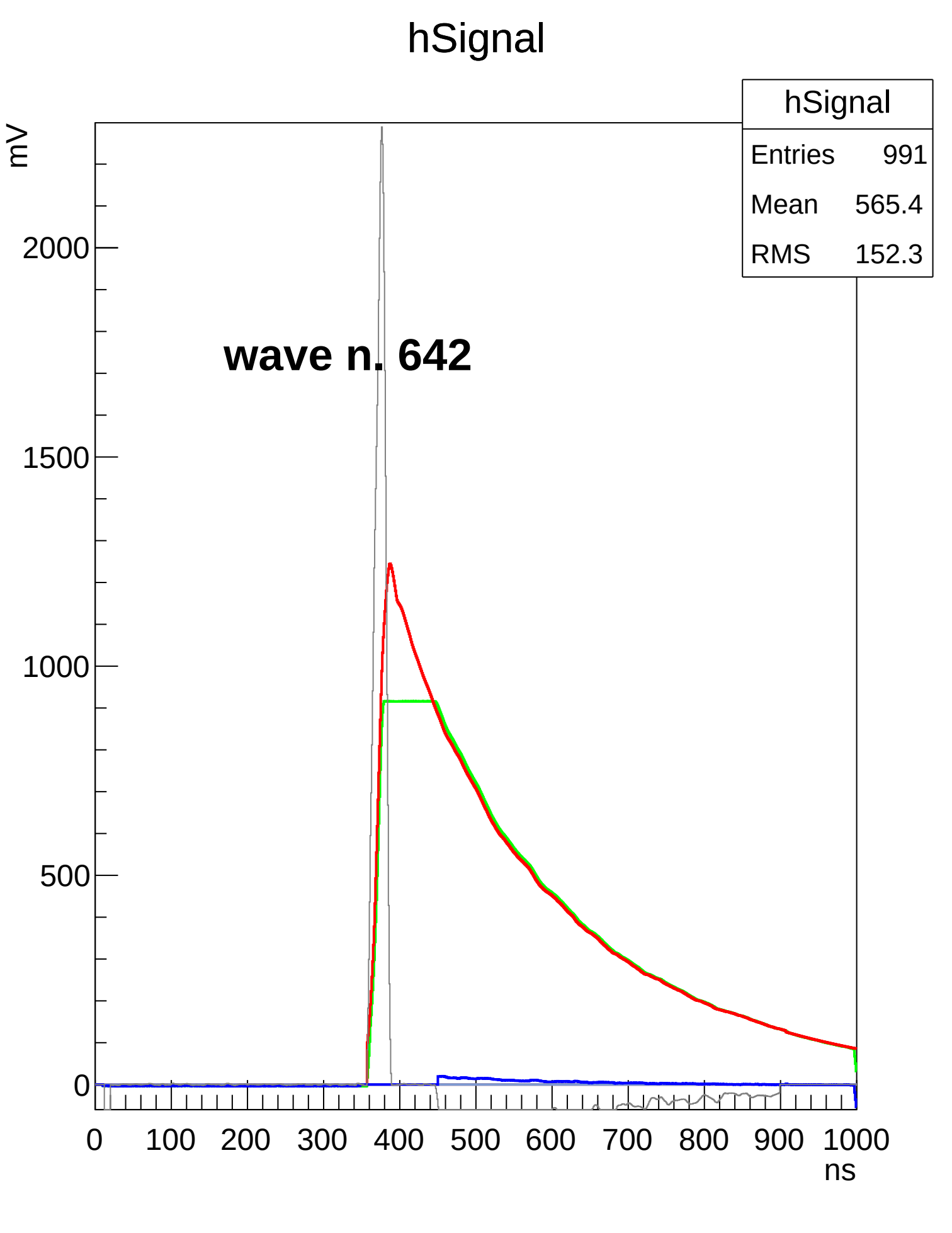
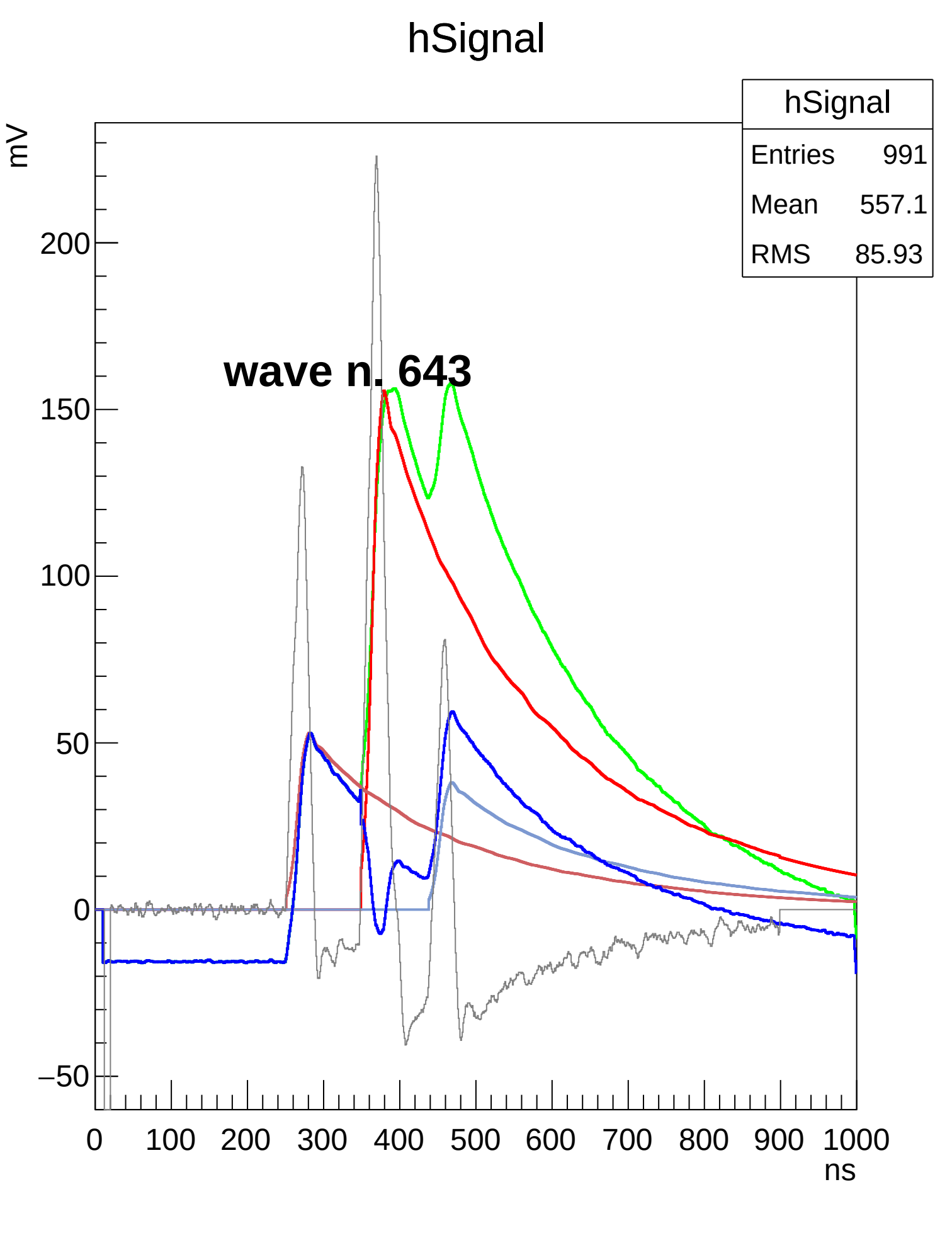
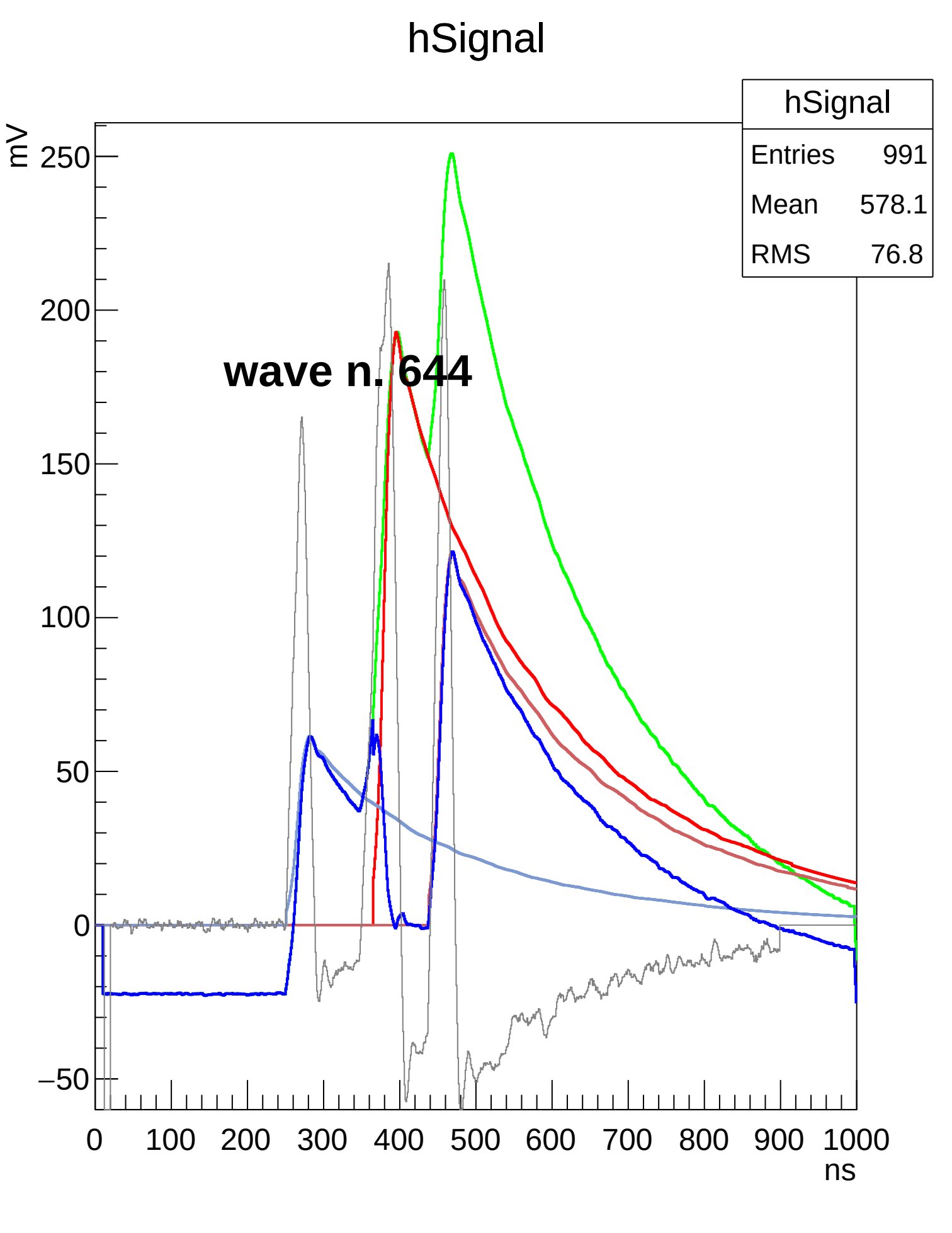
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 531.7
RMS 165.1
wave n. 641
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.4
RMS 152.3
wave n. 642
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 557.1
RMS 85.93
wave n. 643
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578.1
RMS 76.8
wave n. 644
mV
250
200
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100
50
0
−50
0
100
200
300
400
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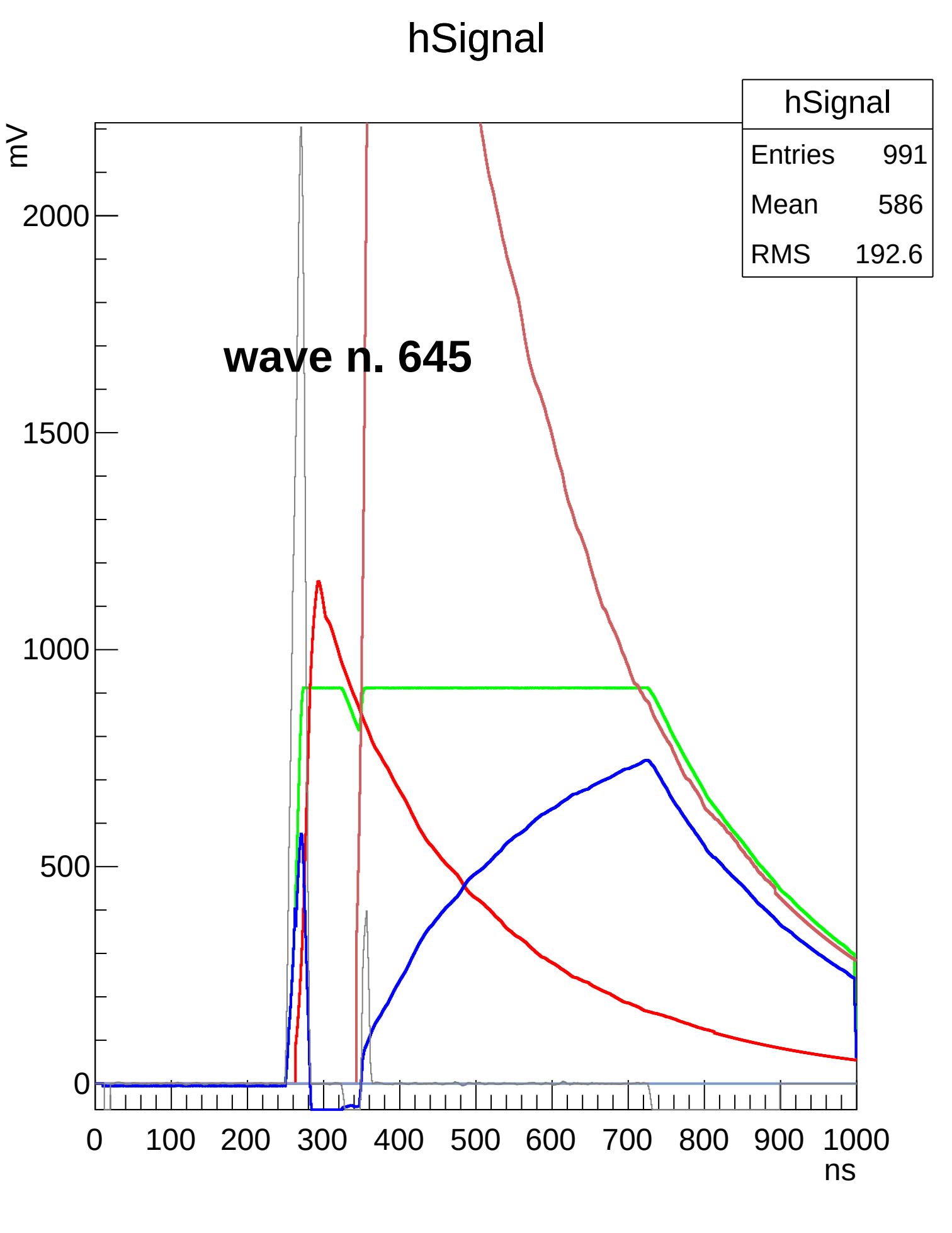
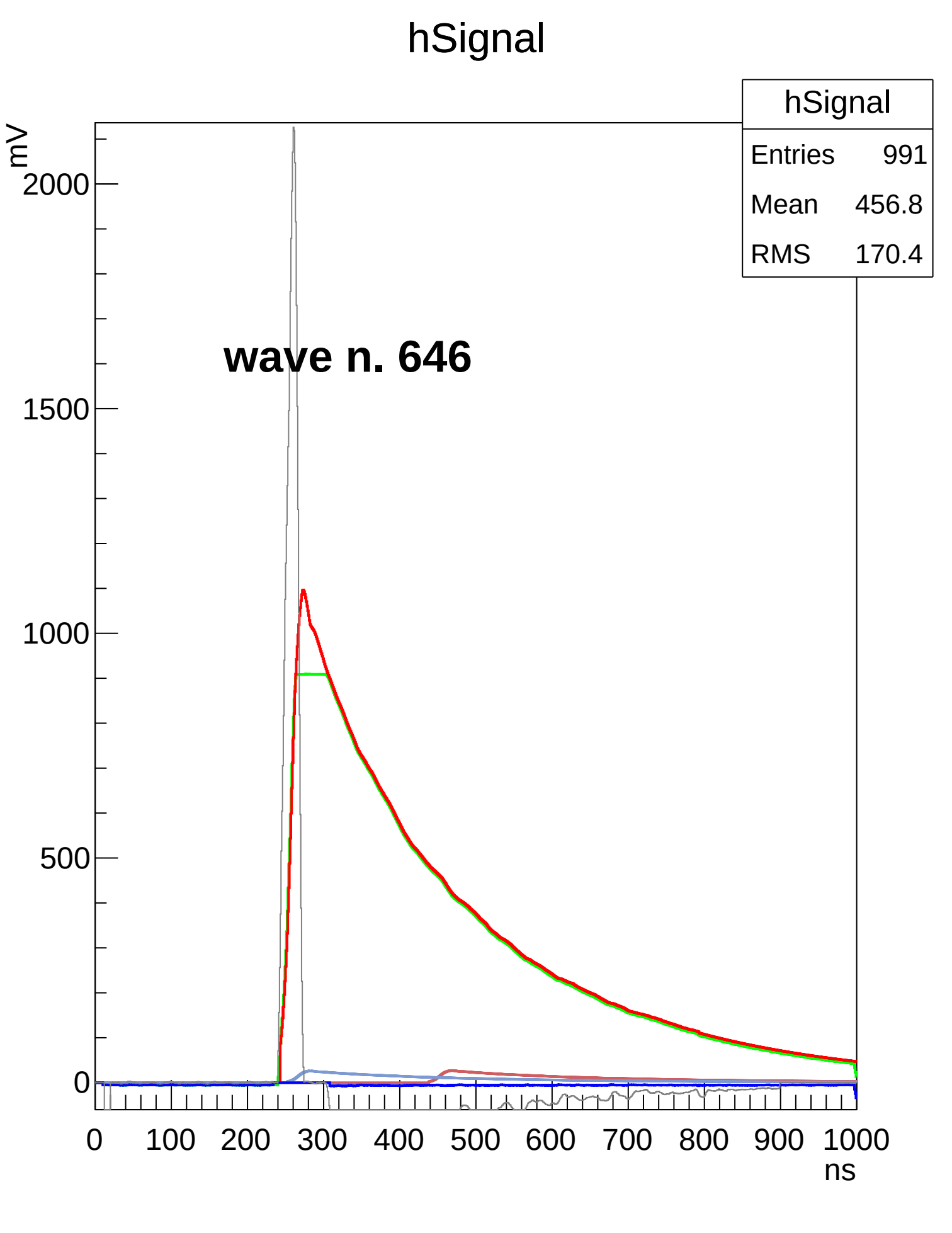
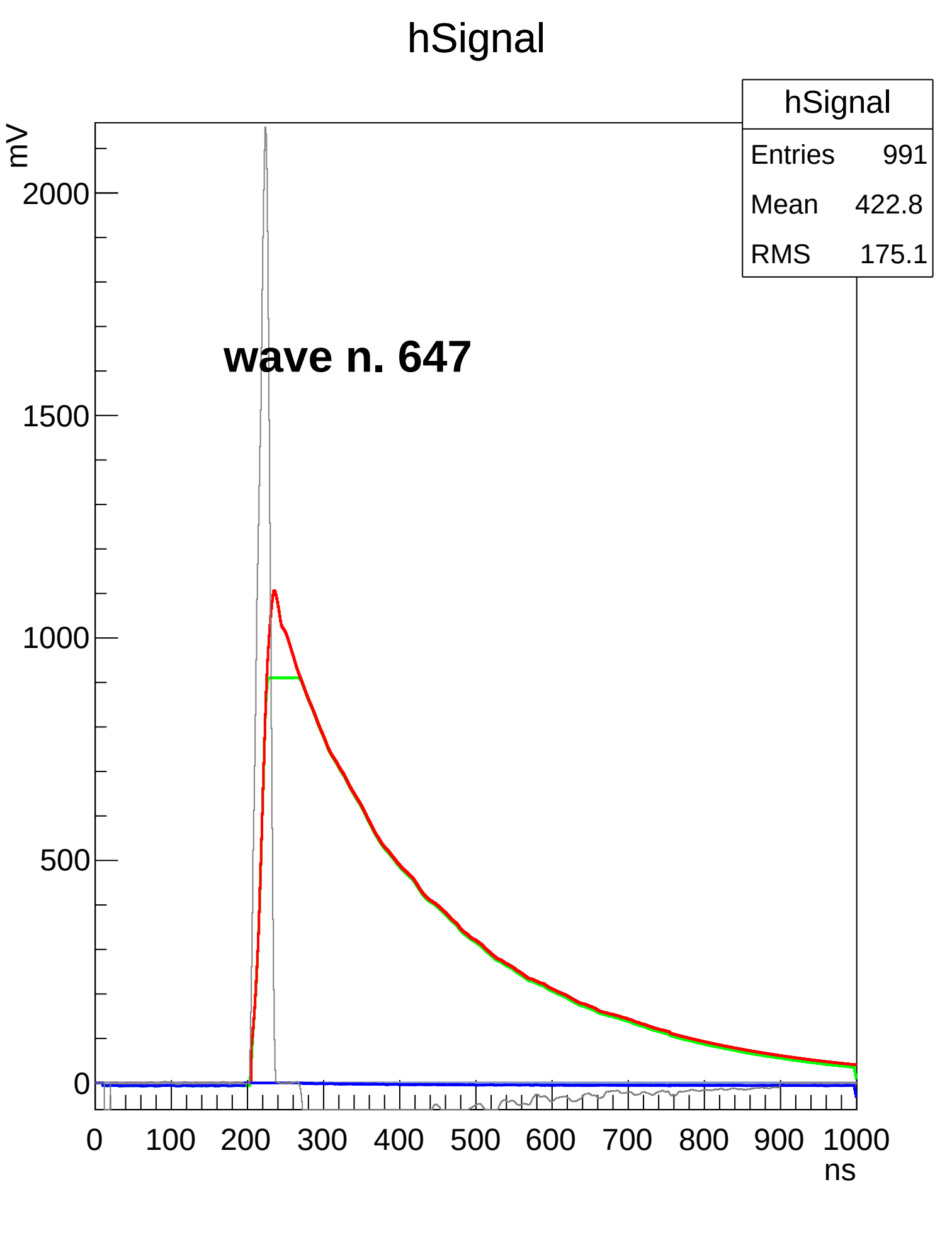
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586
RMS 192.6
wave n. 645
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 456.8
RMS 170.4
wave n. 646
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 422.8
RMS 175.1
wave n. 647
mV
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1500
1000
500
0
0
100
200
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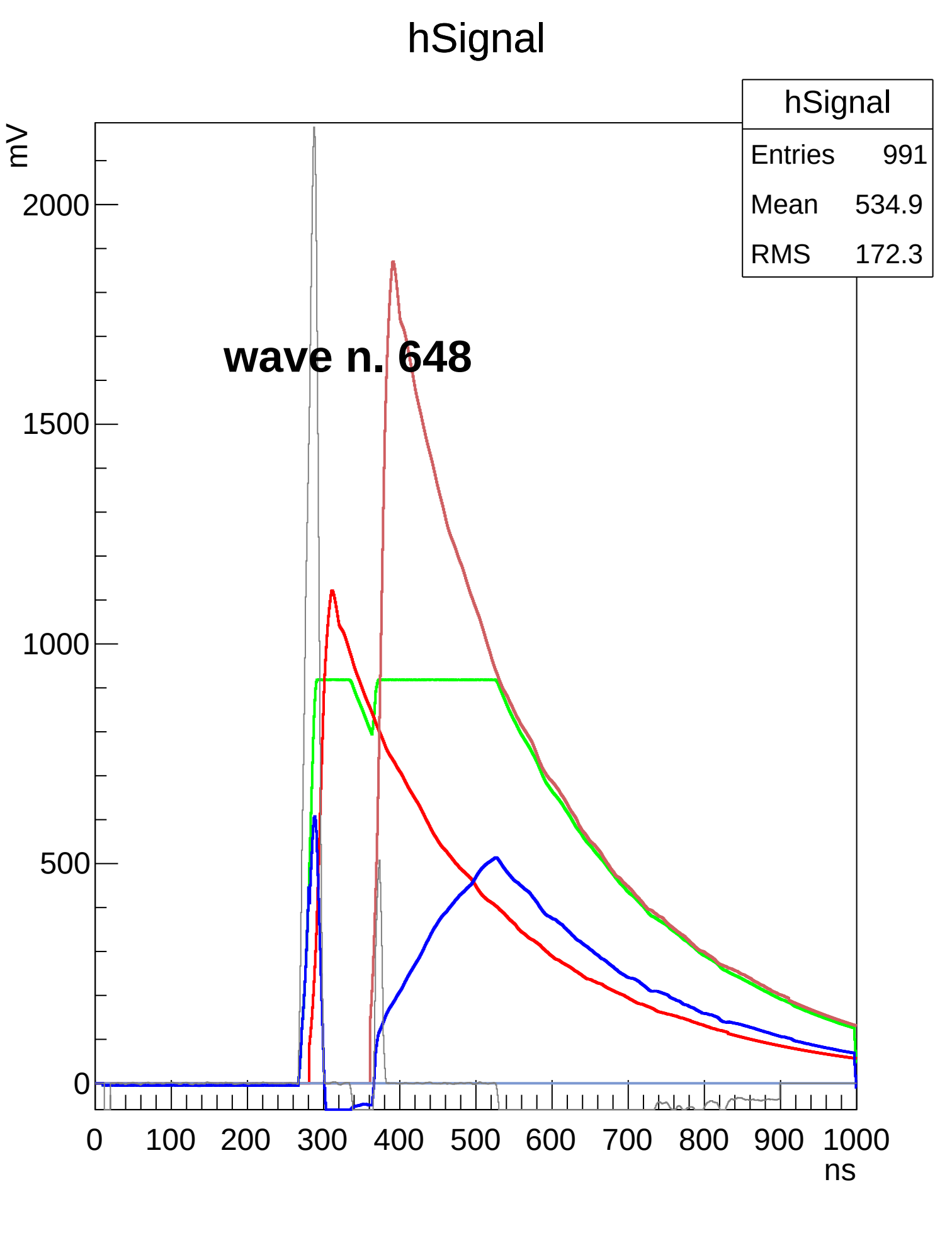
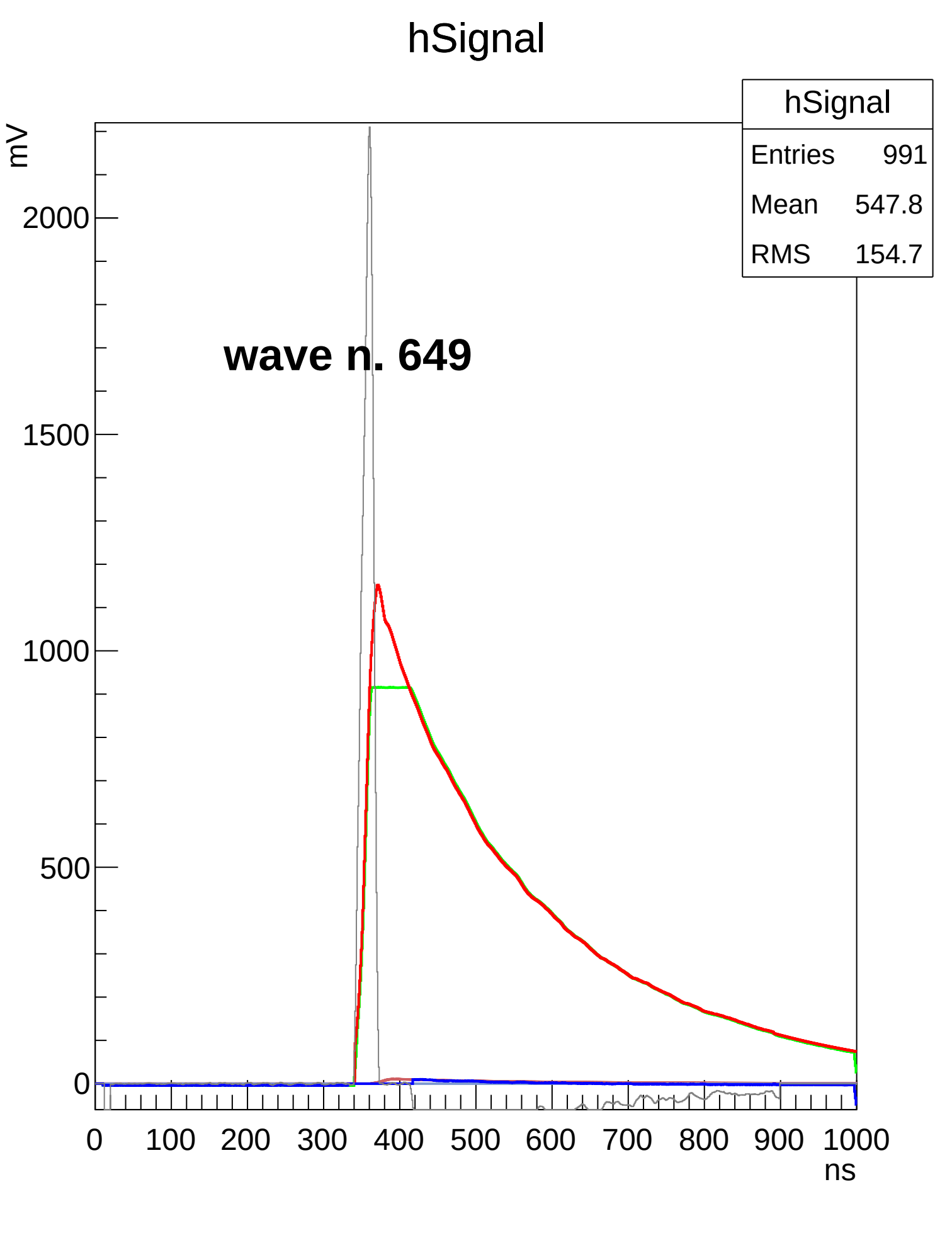
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.9
RMS 172.3
wave n. 648
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547.8
RMS 154.7
wave n. 649
mV
2000
1500
1000
500
0
0
100
200
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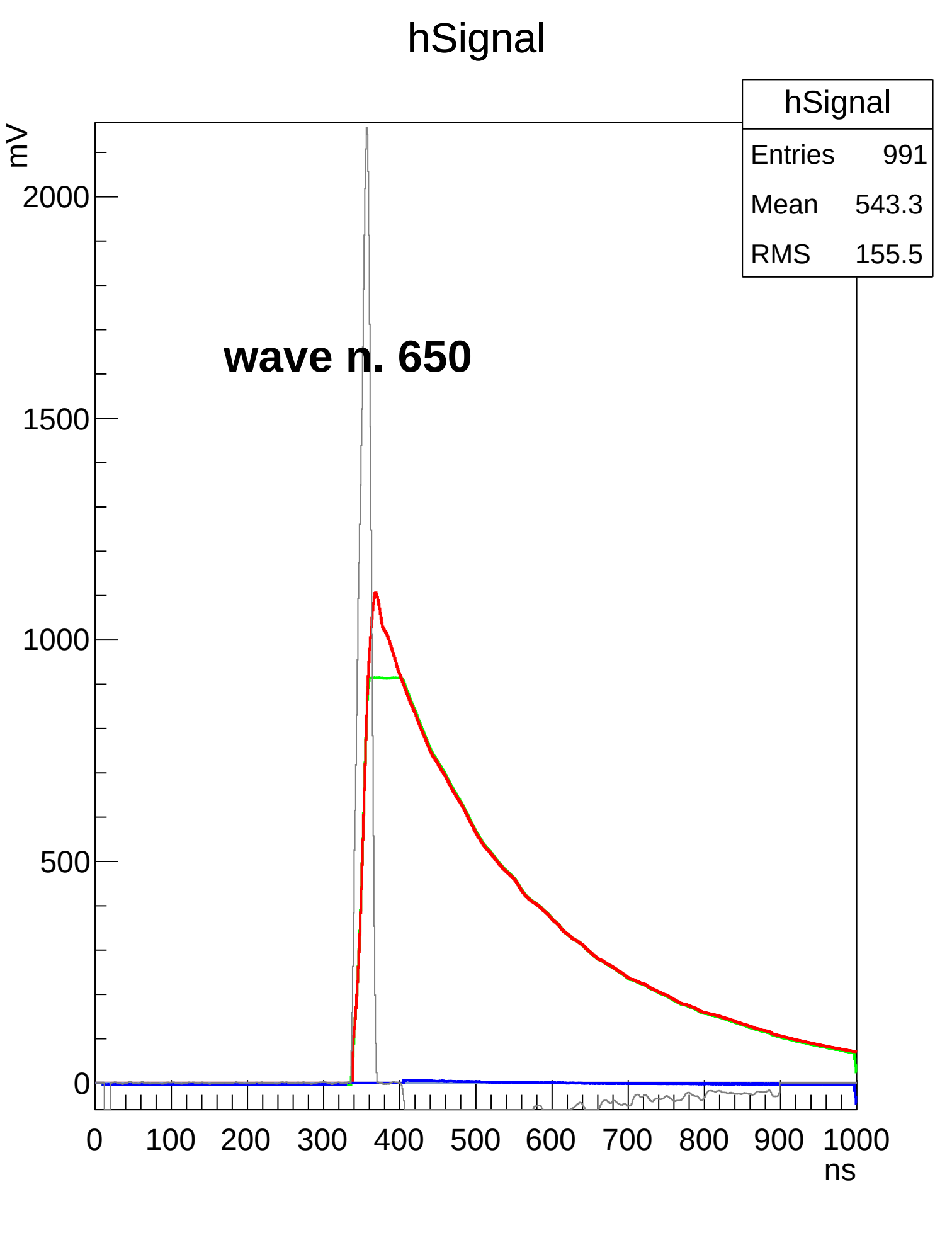
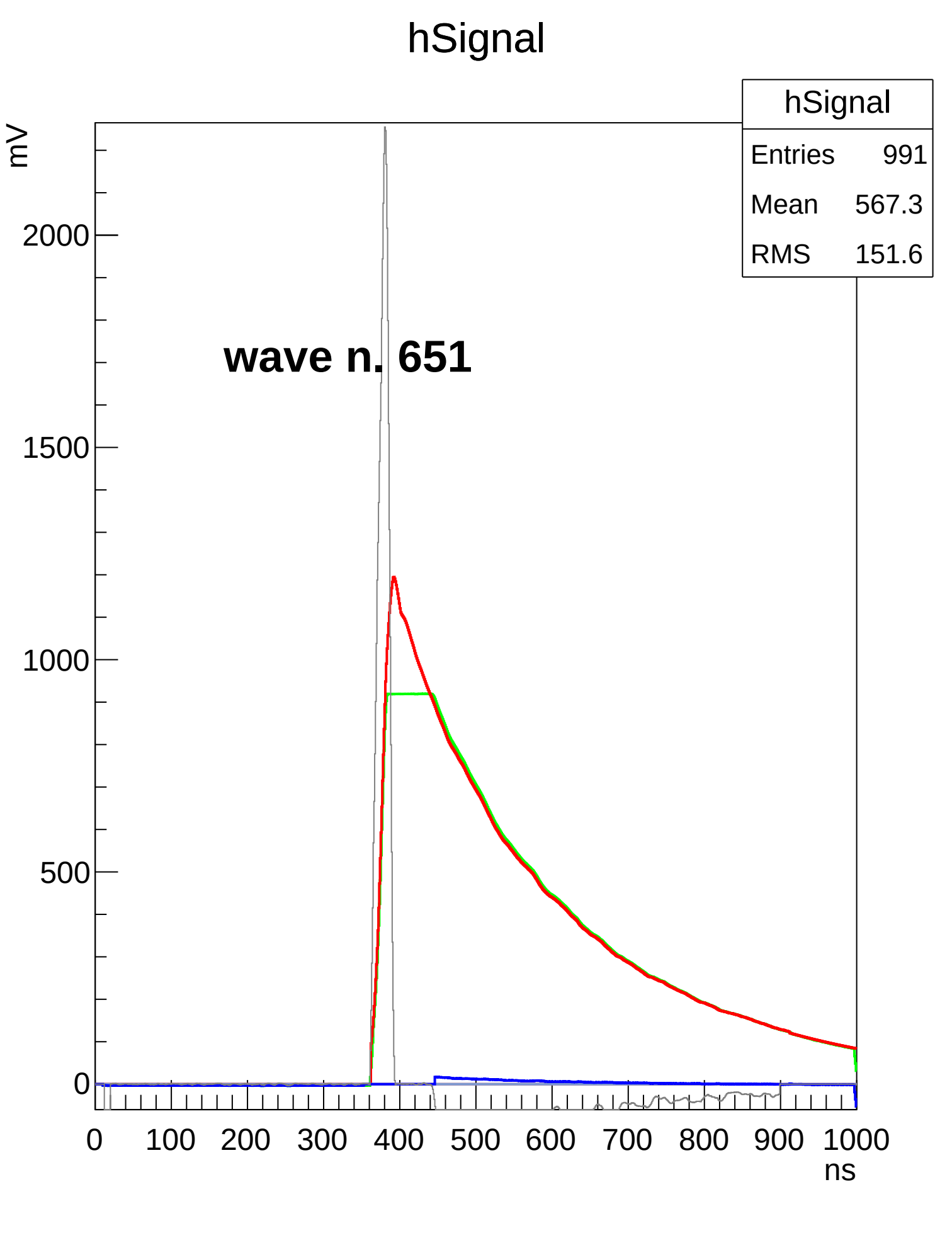
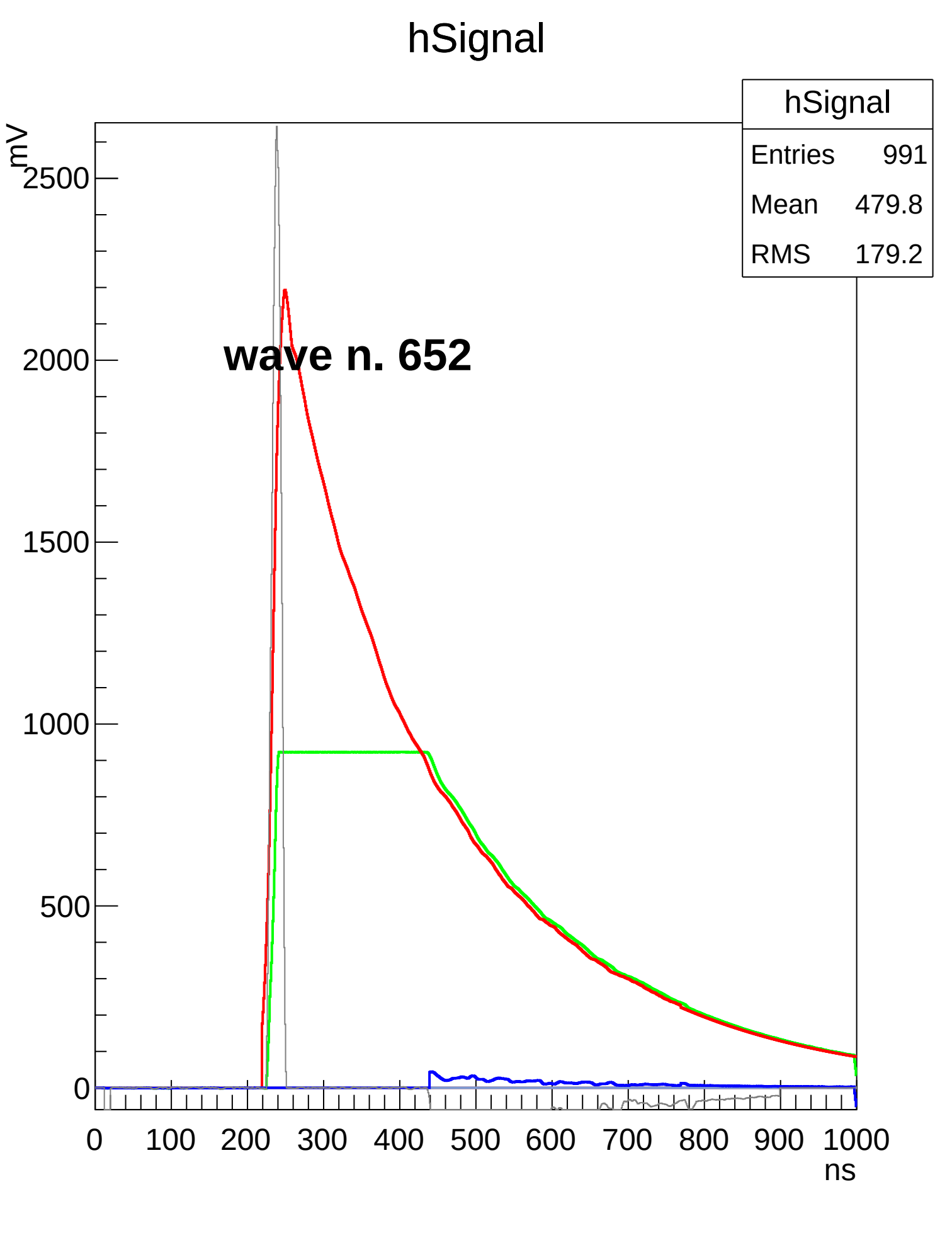
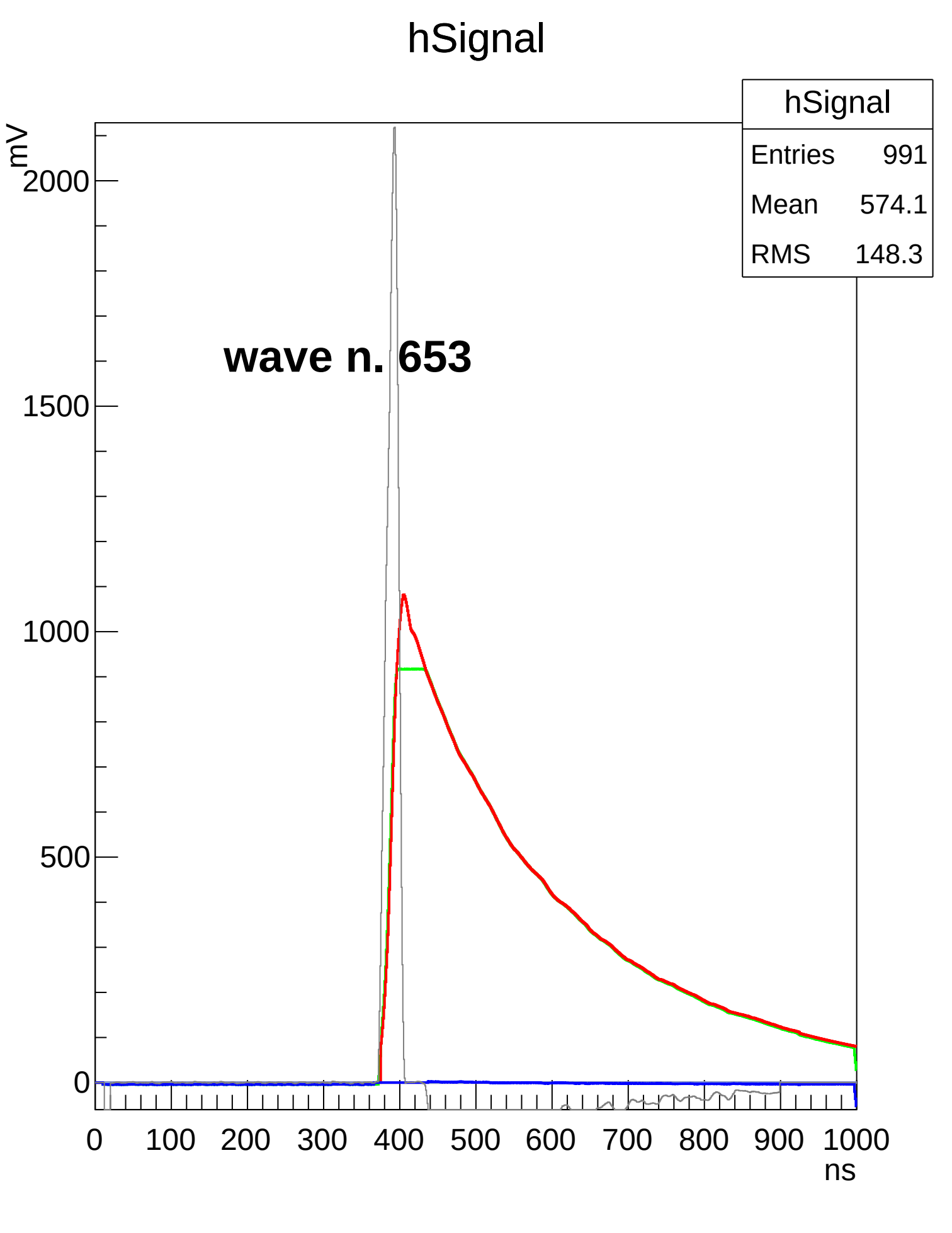
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 543.3
RMS 155.5
wave n. 650
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 567.3
RMS 151.6
wave n. 651
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 479.8
RMS 179.2
wave n. 652
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 574.1
RMS 148.3
wave n. 653
mV
2000
1500
1000
500
0
0
100
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400
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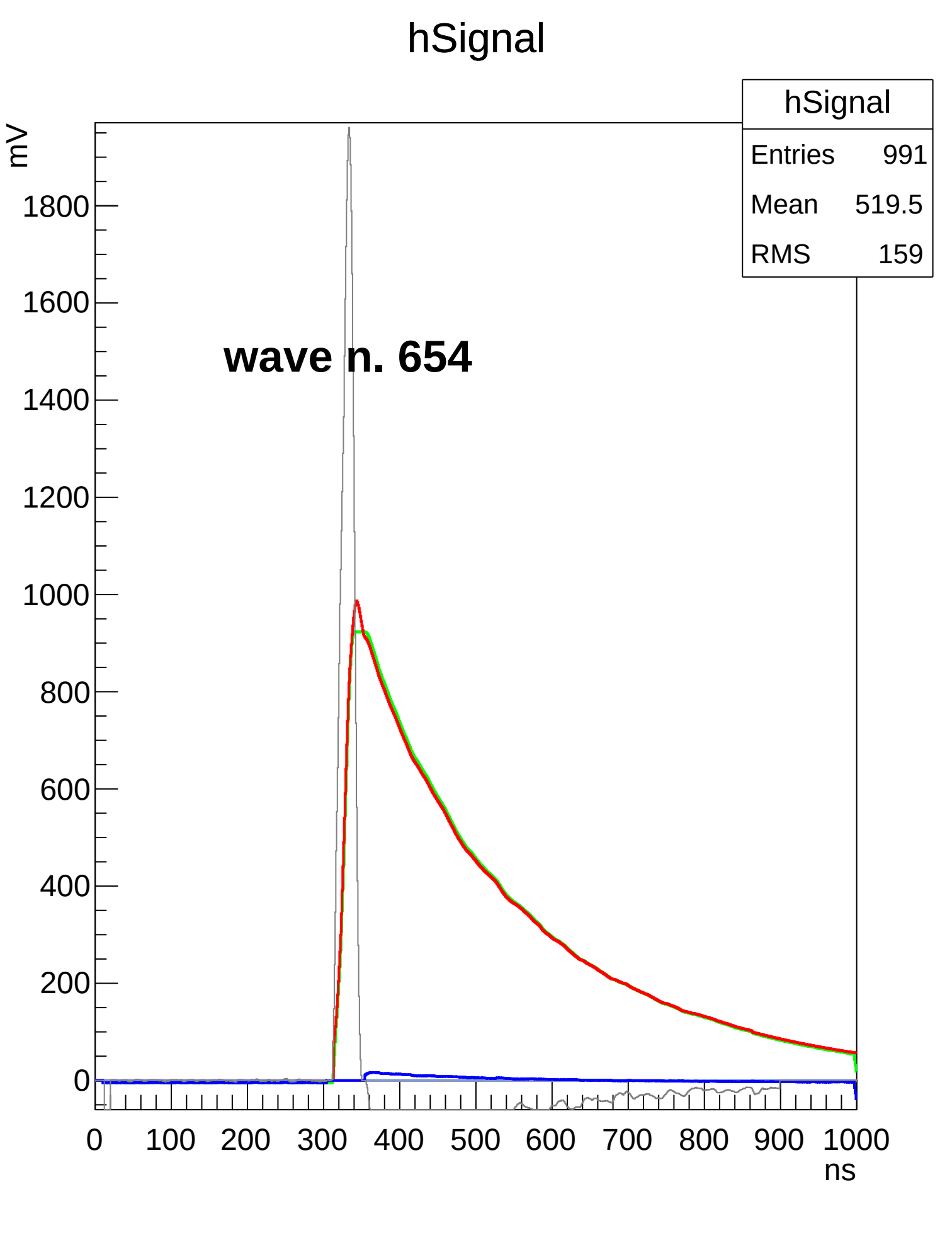
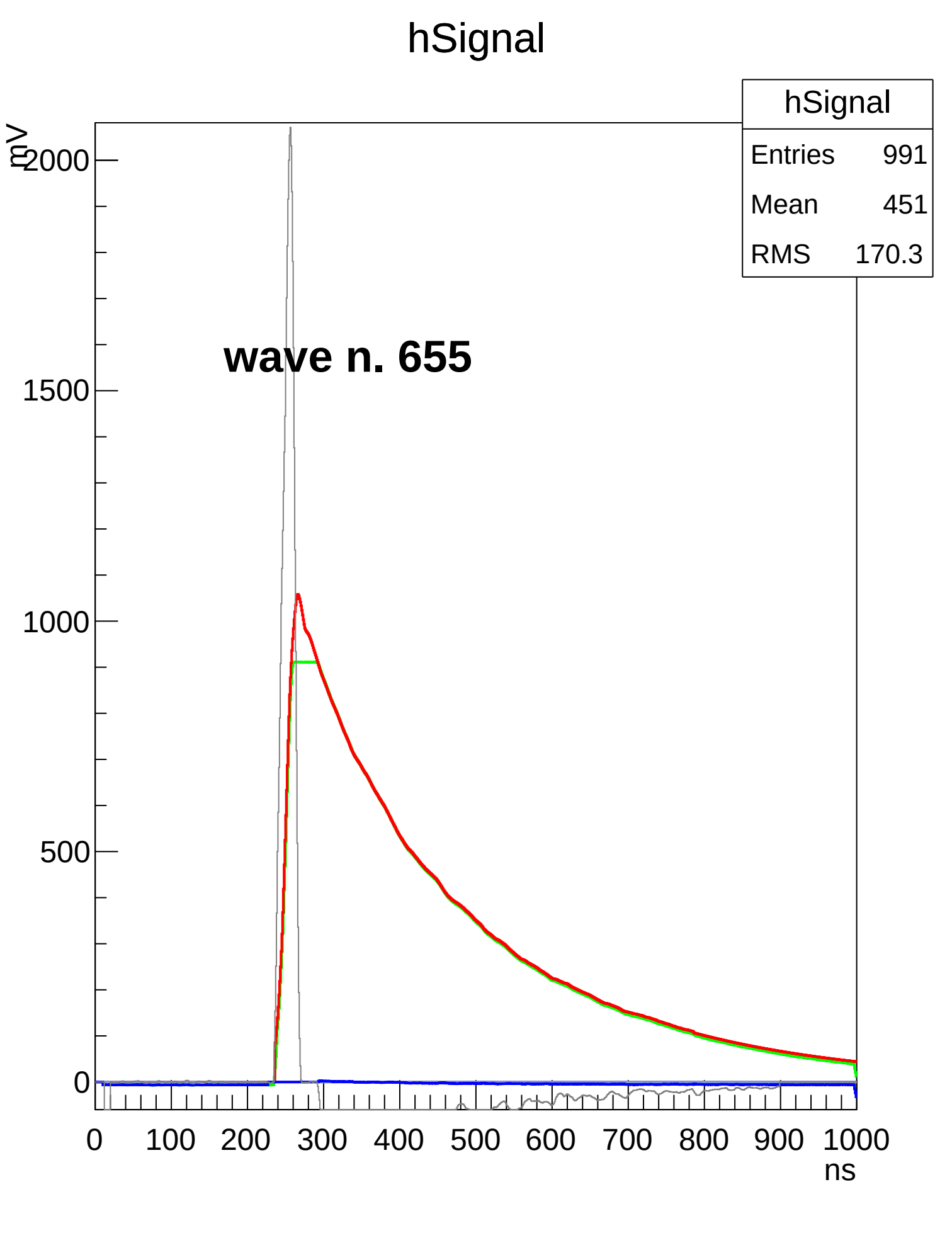
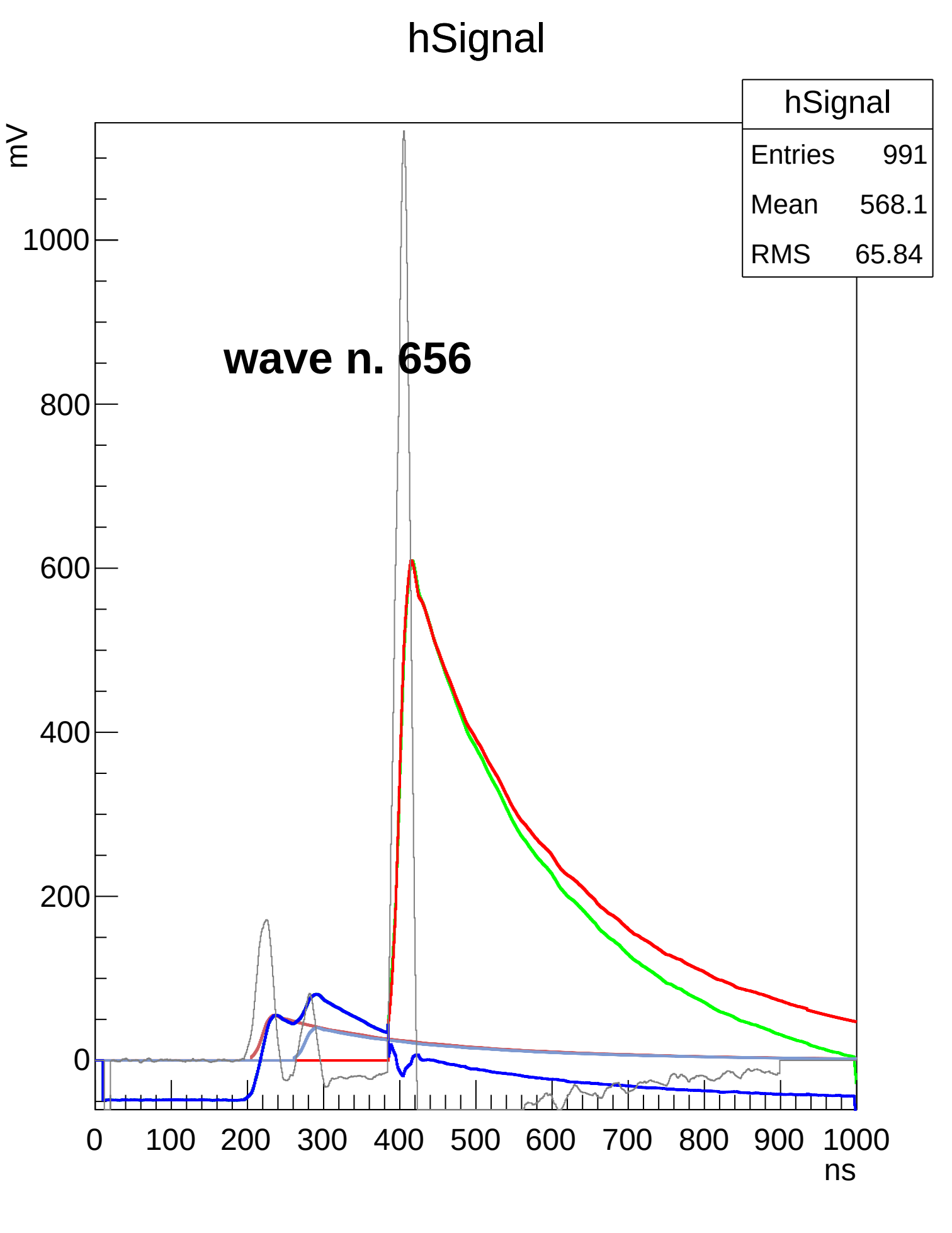
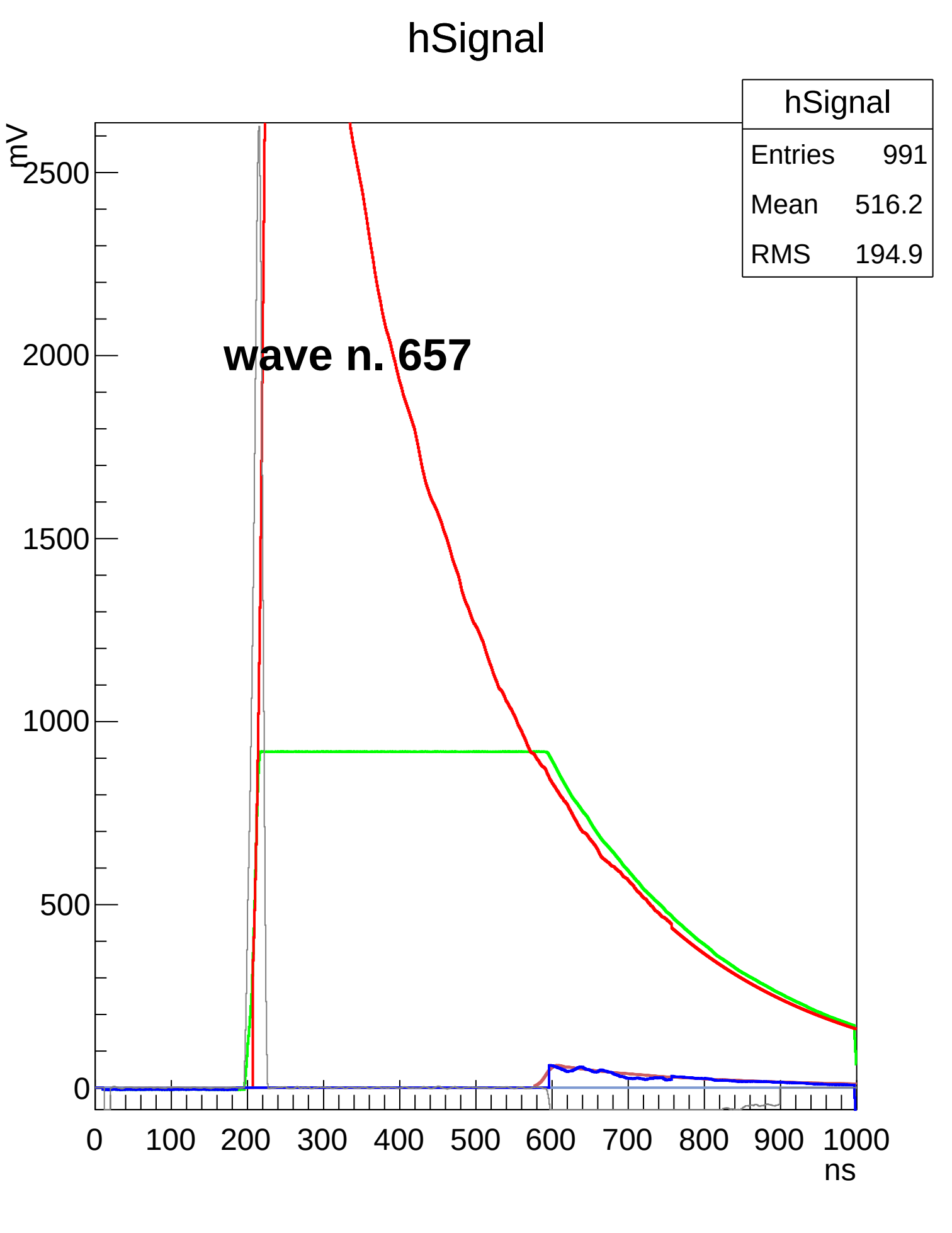
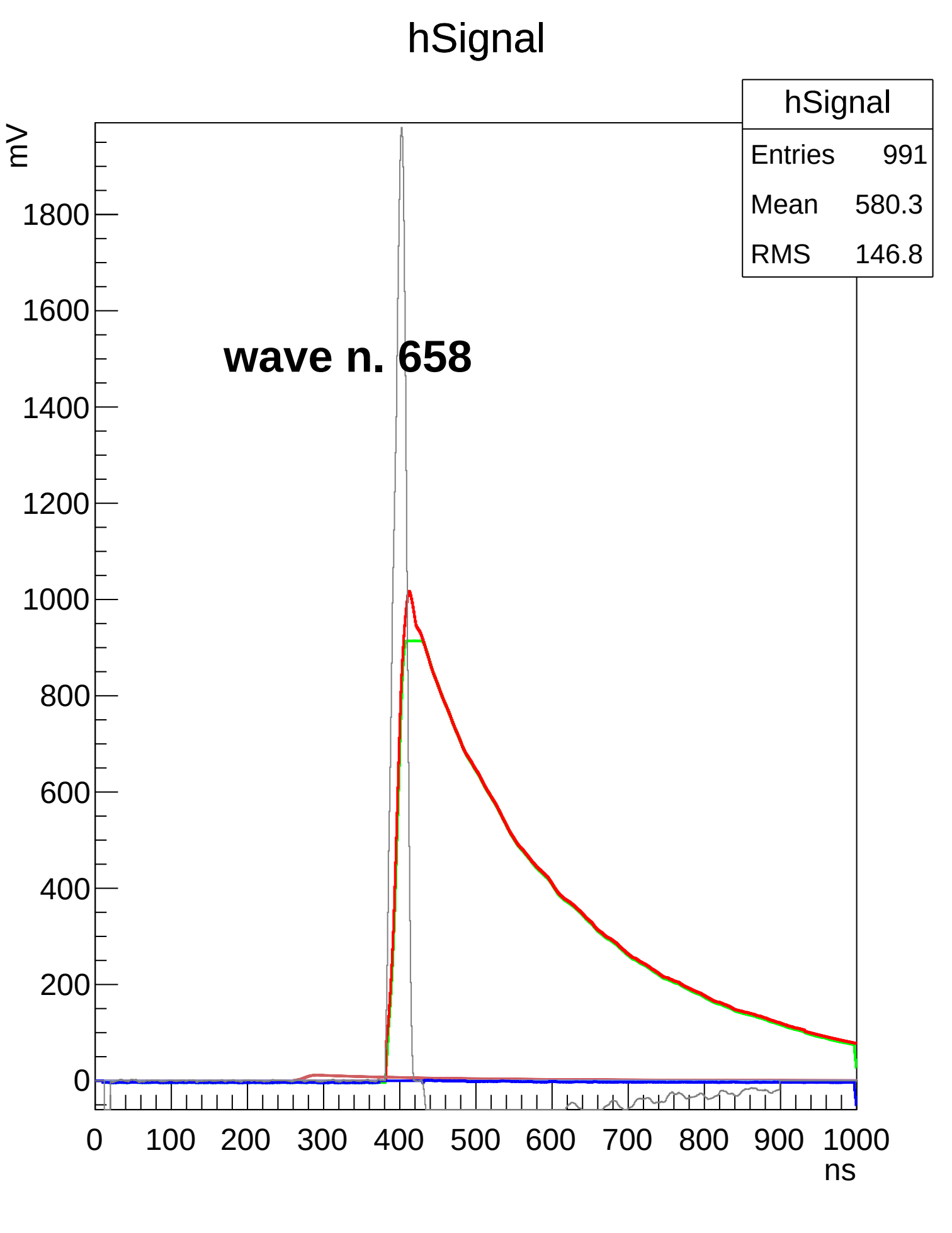
700
800
900
1000
ns

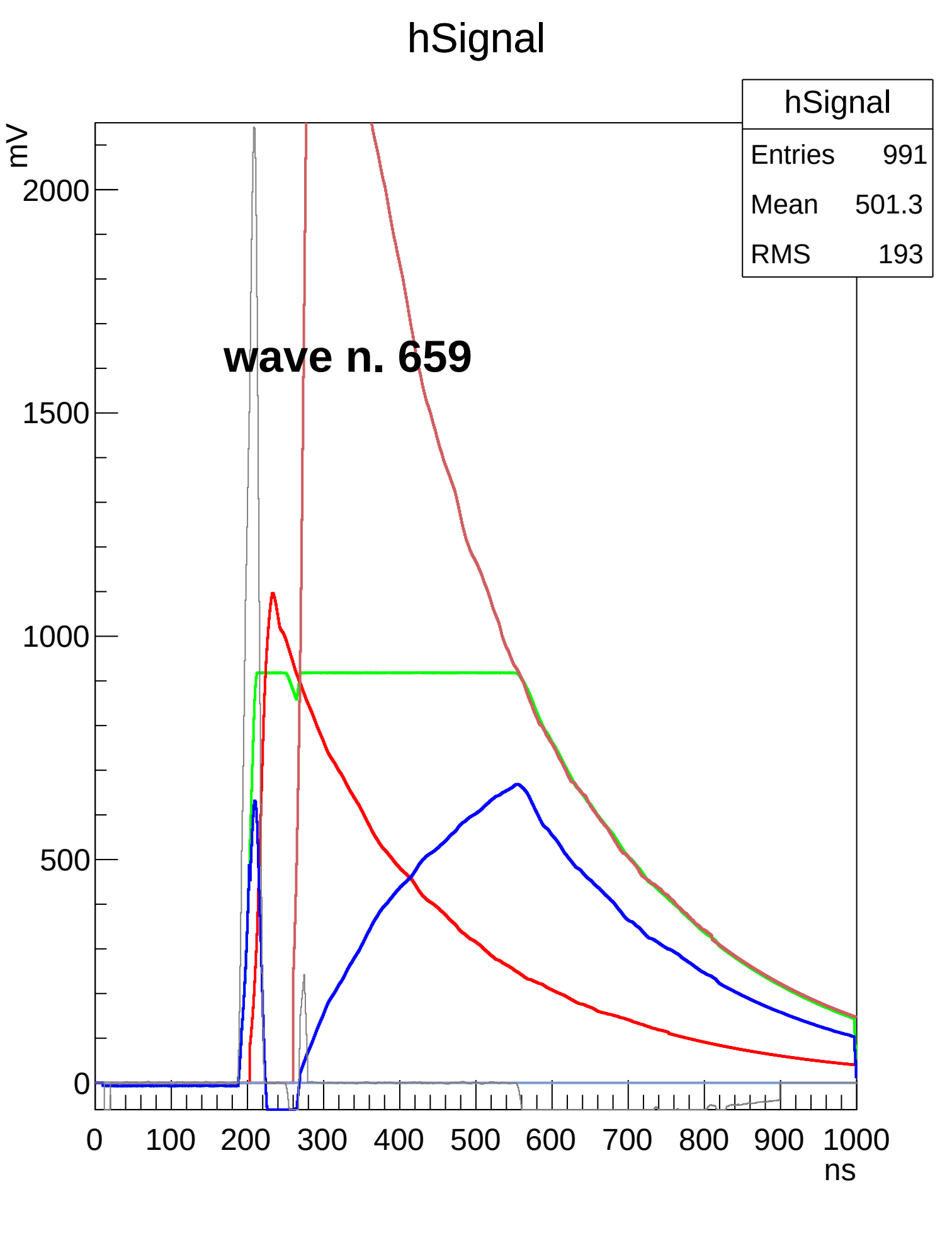

hSignal
hSignal
Entries 991
Mean 519.5
RMS 159
wave n. 654
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 451
RMS 170.3
wave n. 655
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 568.1
RMS 65.84
wave n. 656
mV
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 516.2
RMS 194.9
wave n. 657
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580.3
RMS 146.8
wave n. 658
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 501.3
RMS 193
wave n. 659
mV
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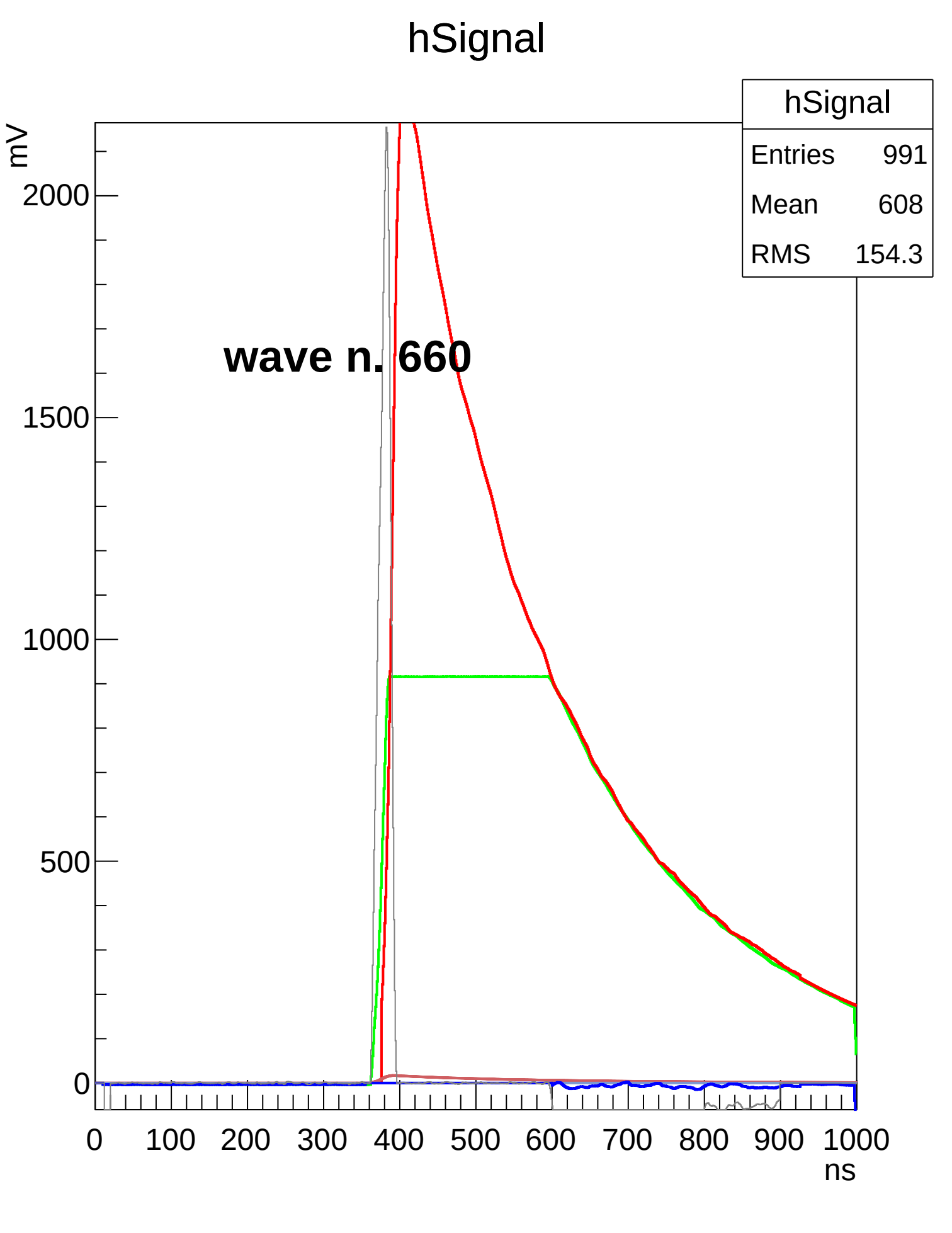
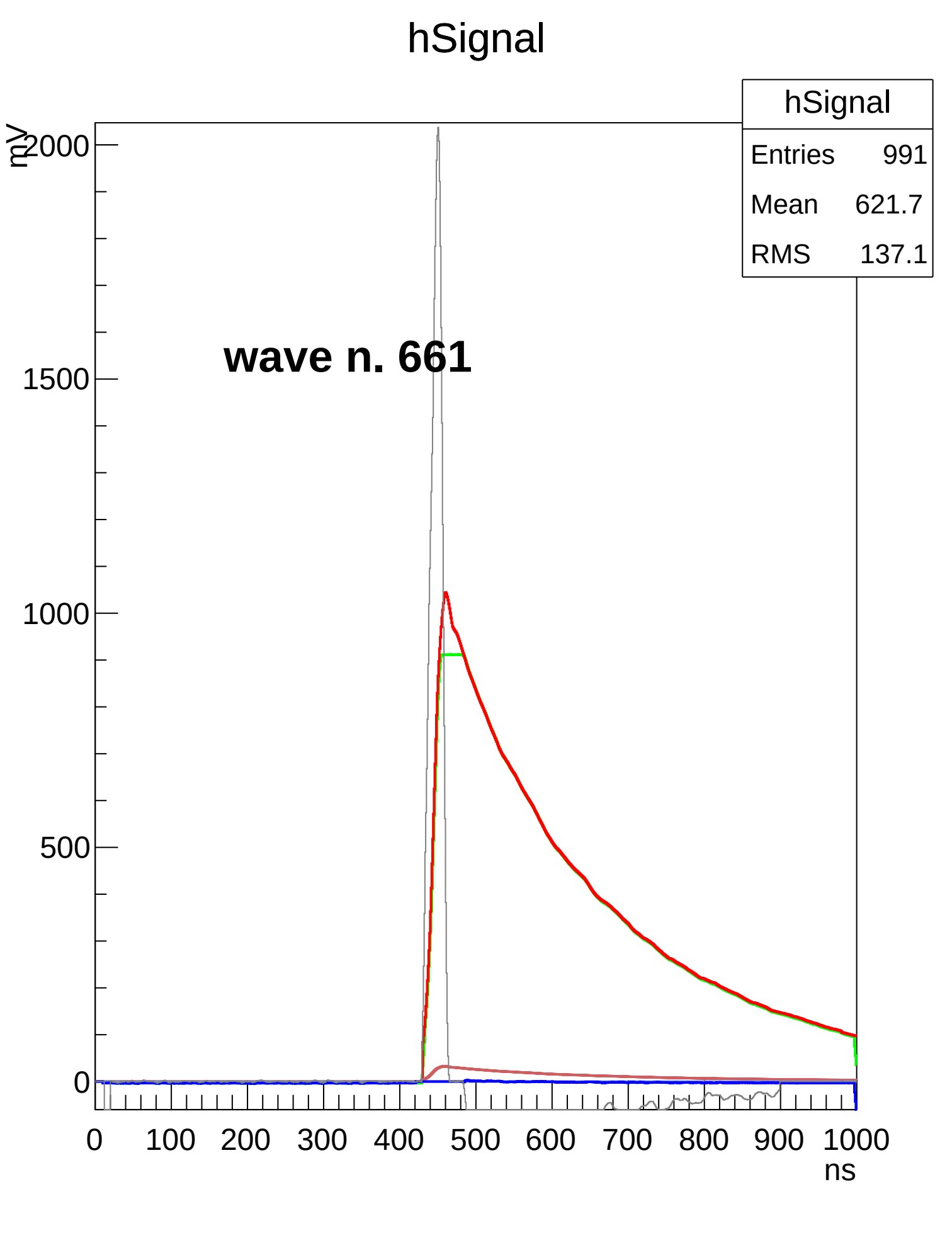
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 608
RMS 154.3
wave n. 660
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 621.7
RMS 137.1
wave n. 661
mV
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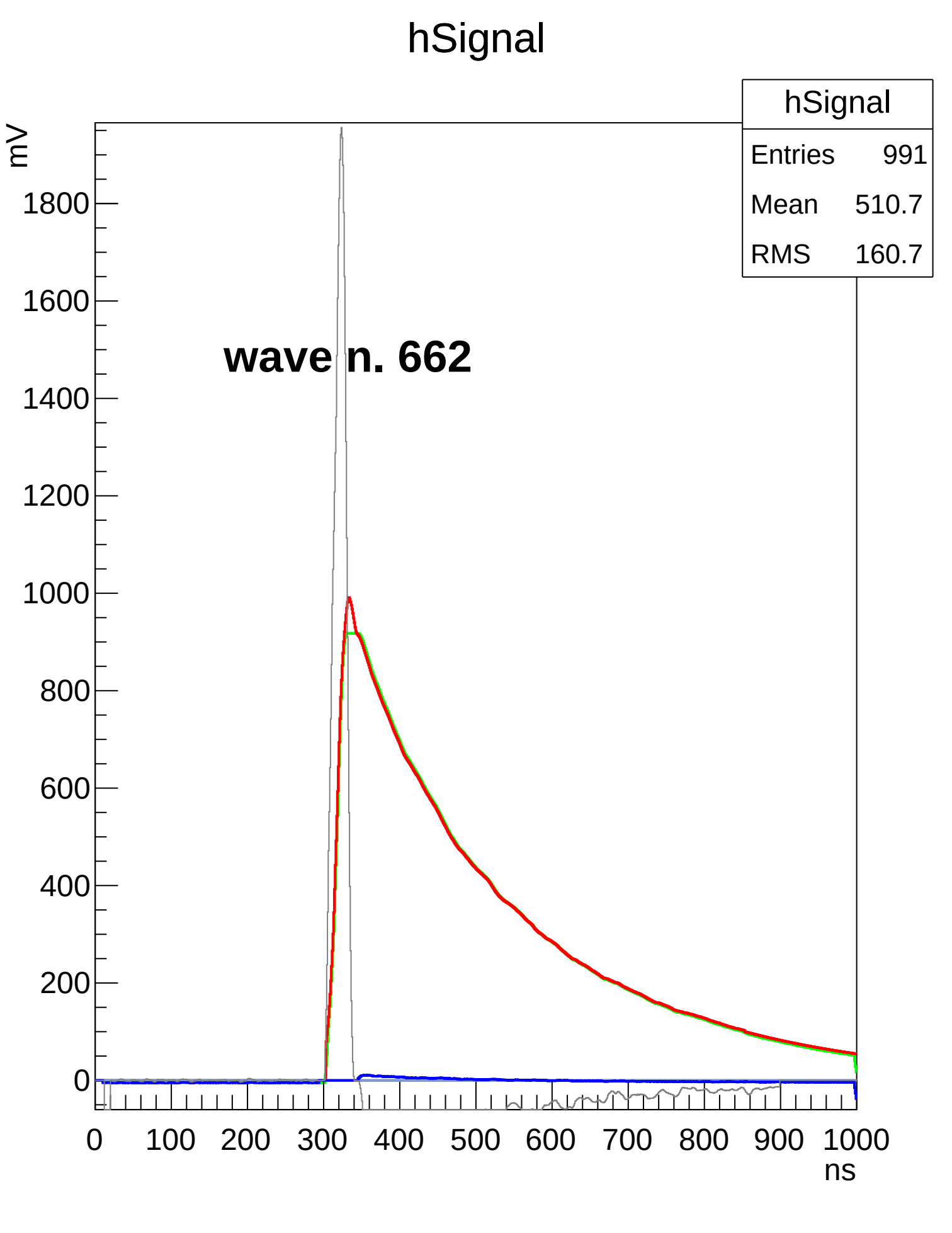
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.7
RMS 160.7
wave n. 662
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
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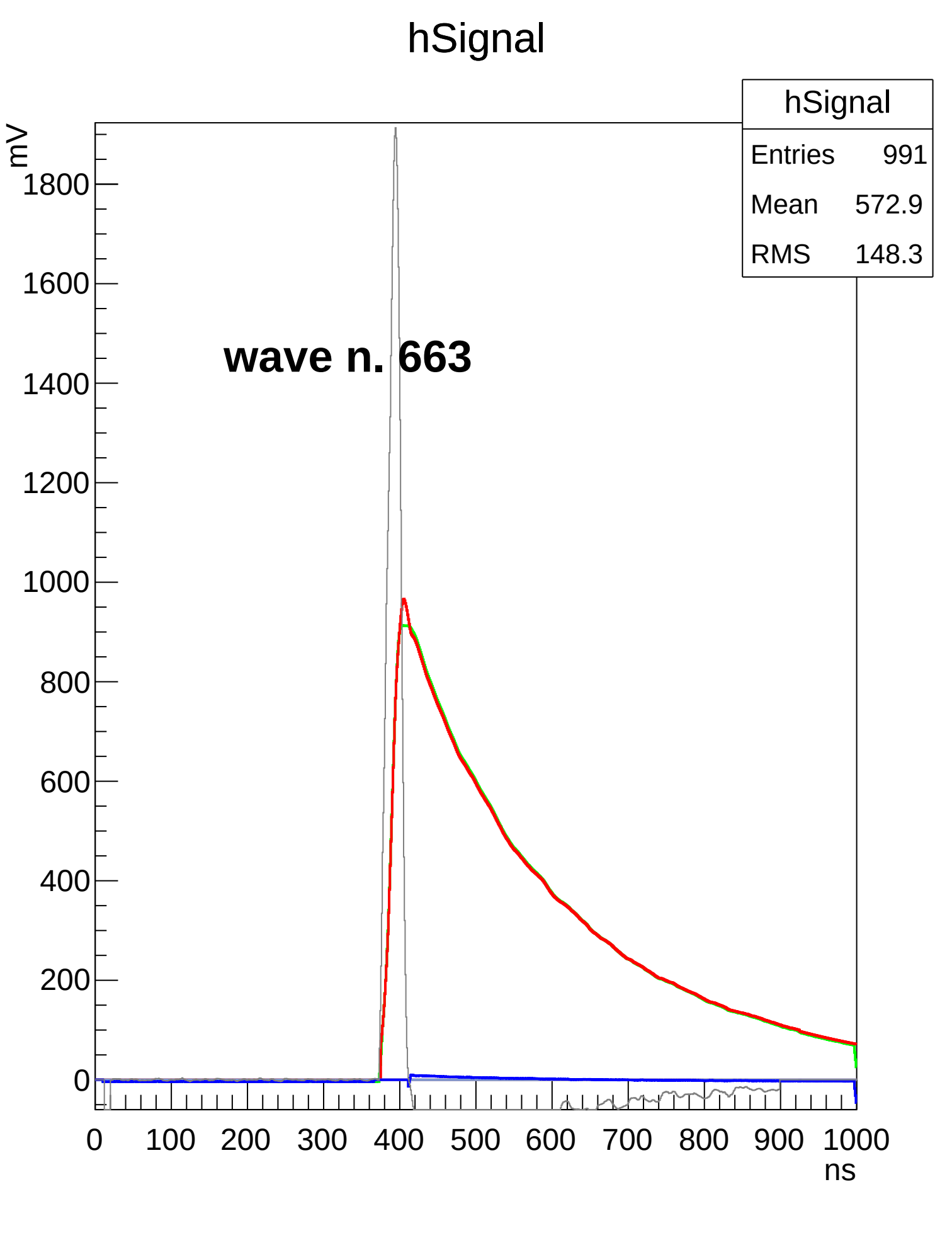
600
700
800
900
1000
ns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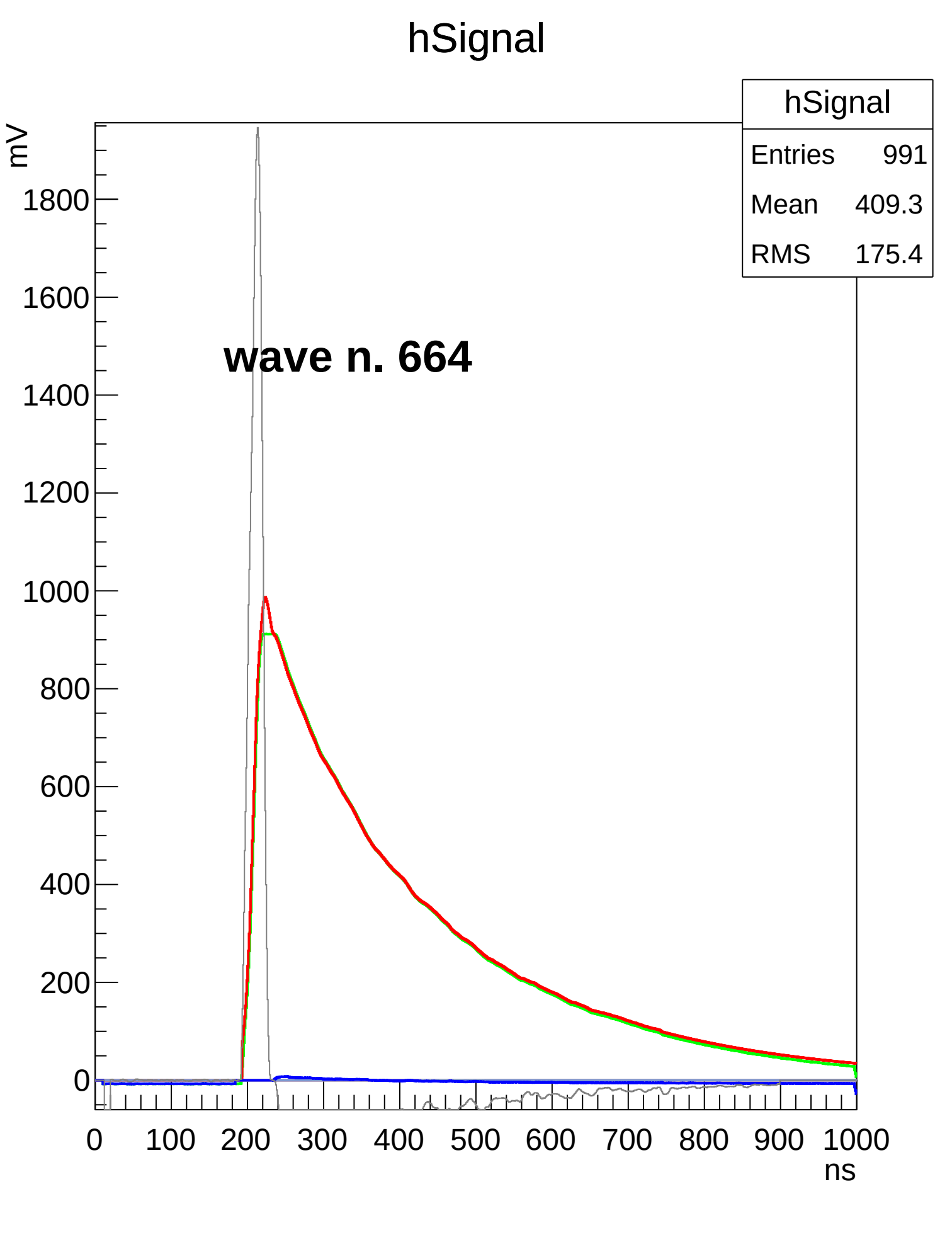
hSignal
Entries 991
Mean 572.9
RMS 148.3
wave n. 663
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 409.3
RMS 175.4
wave n. 664
mV
1800
1600
1400
1200
1000
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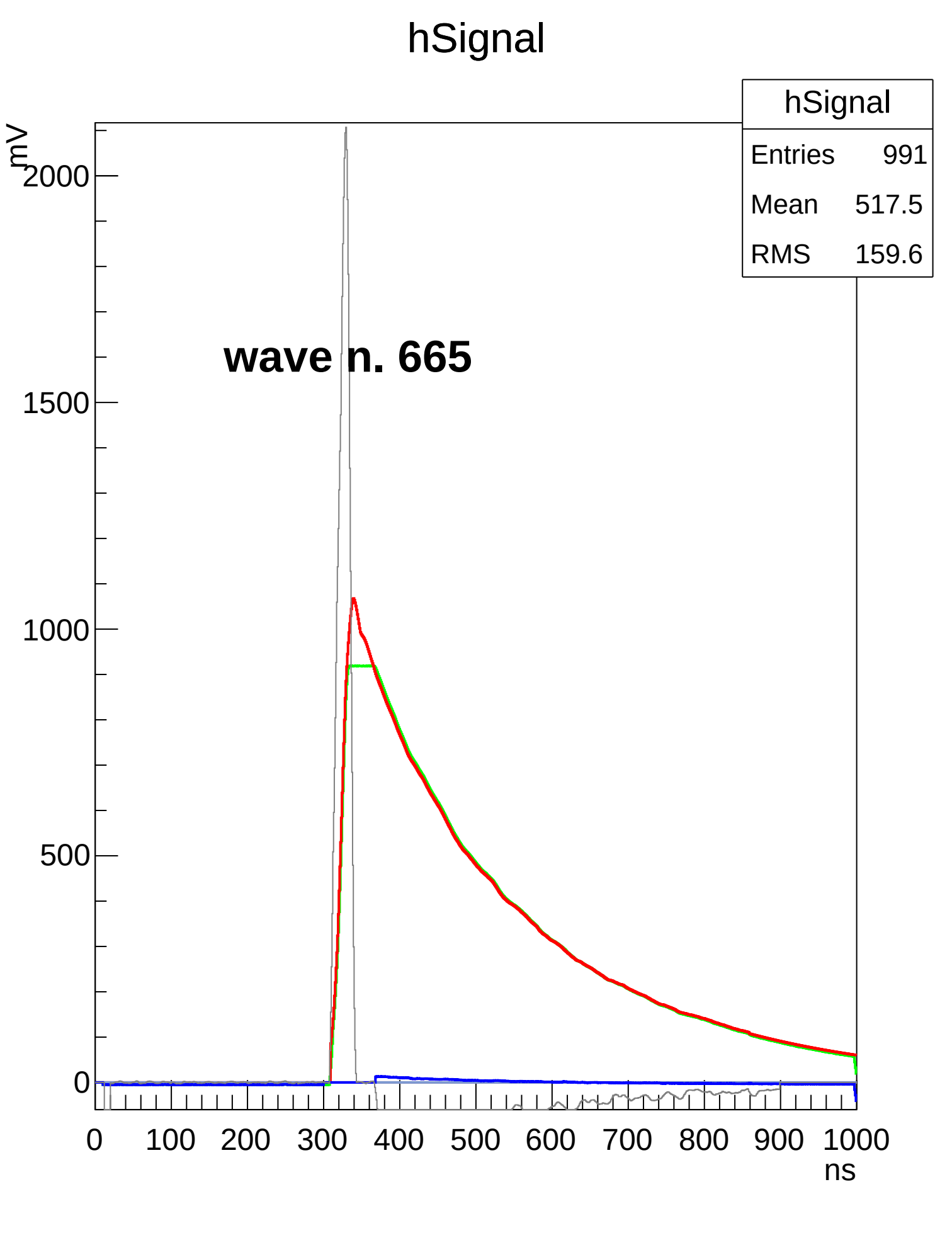
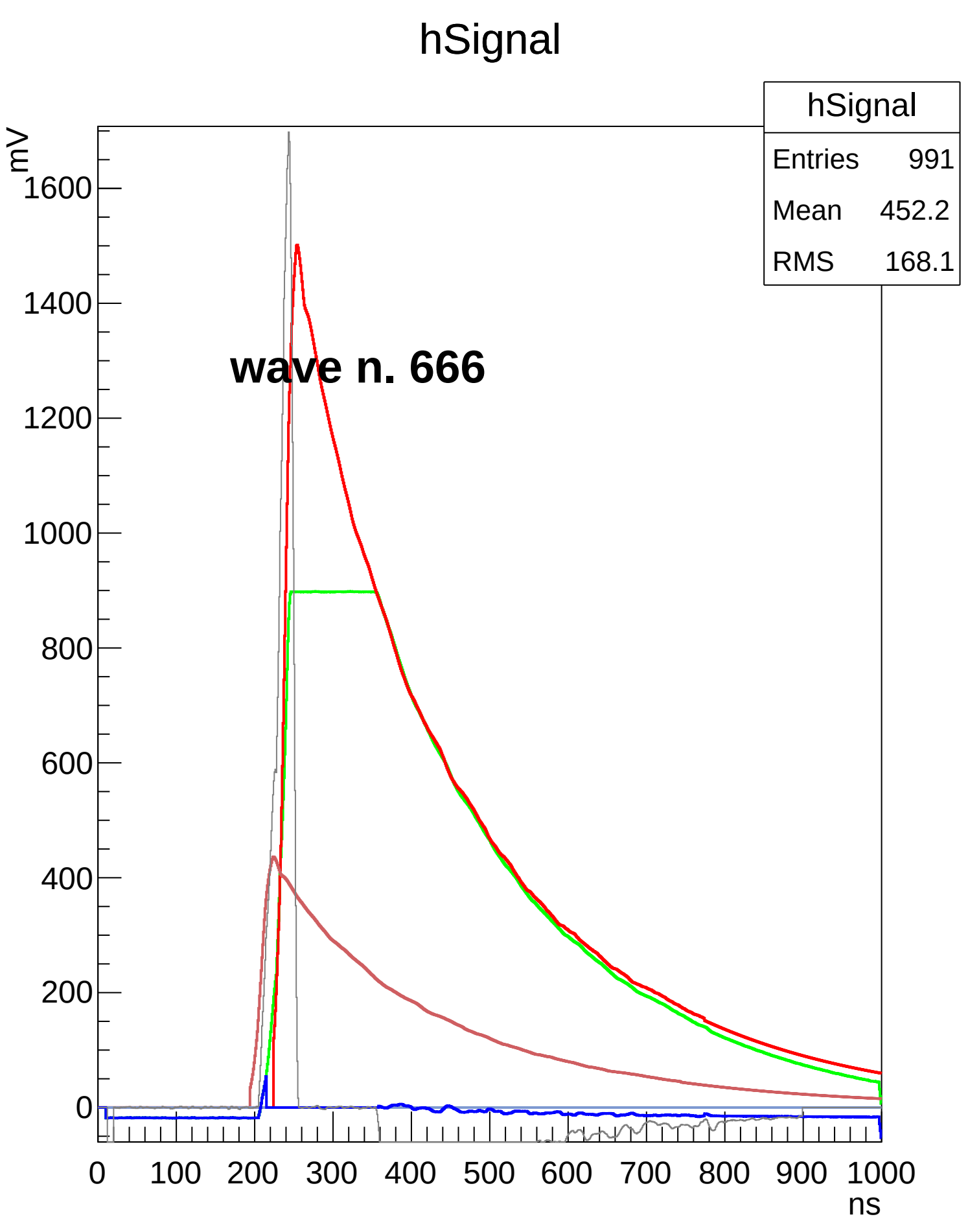
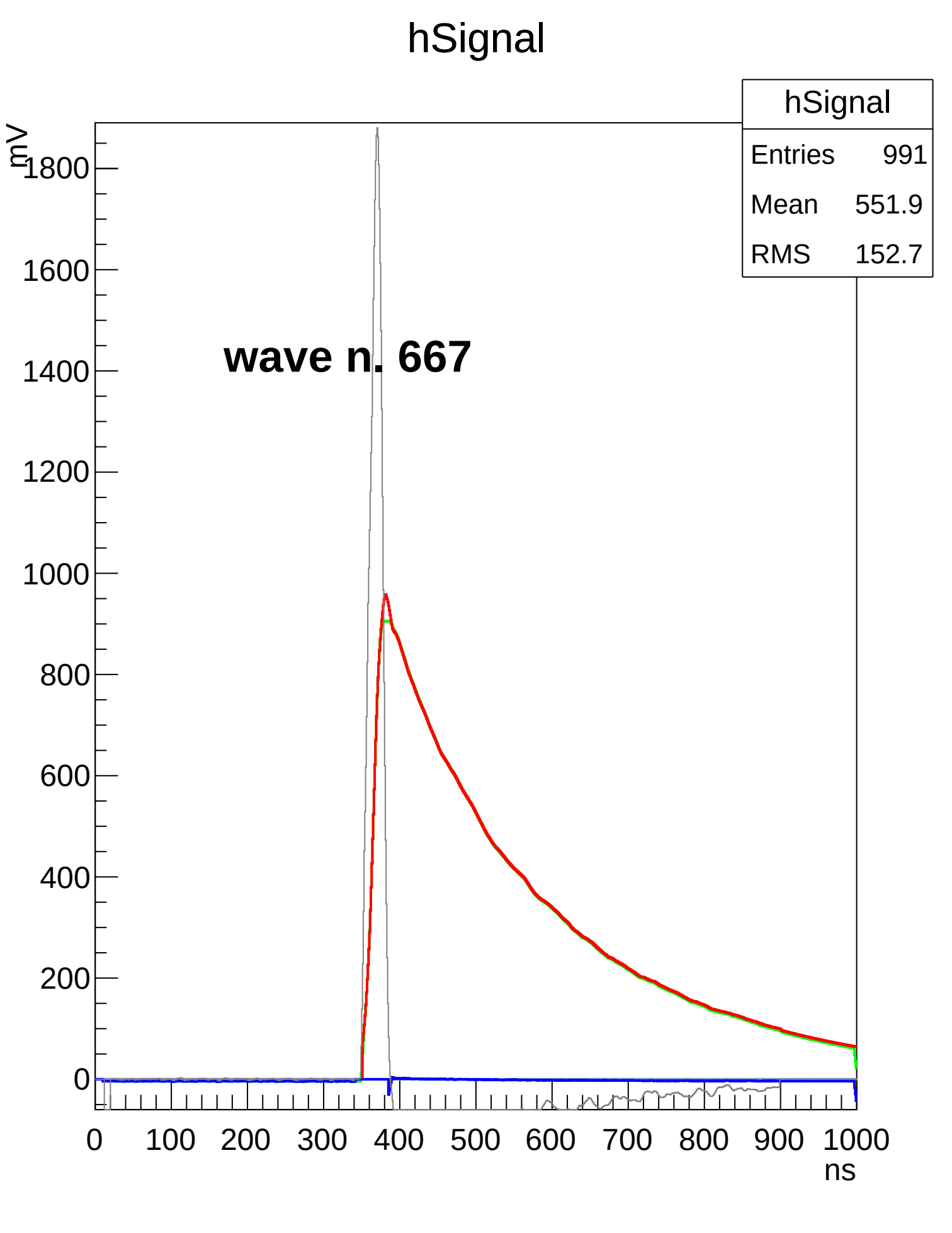
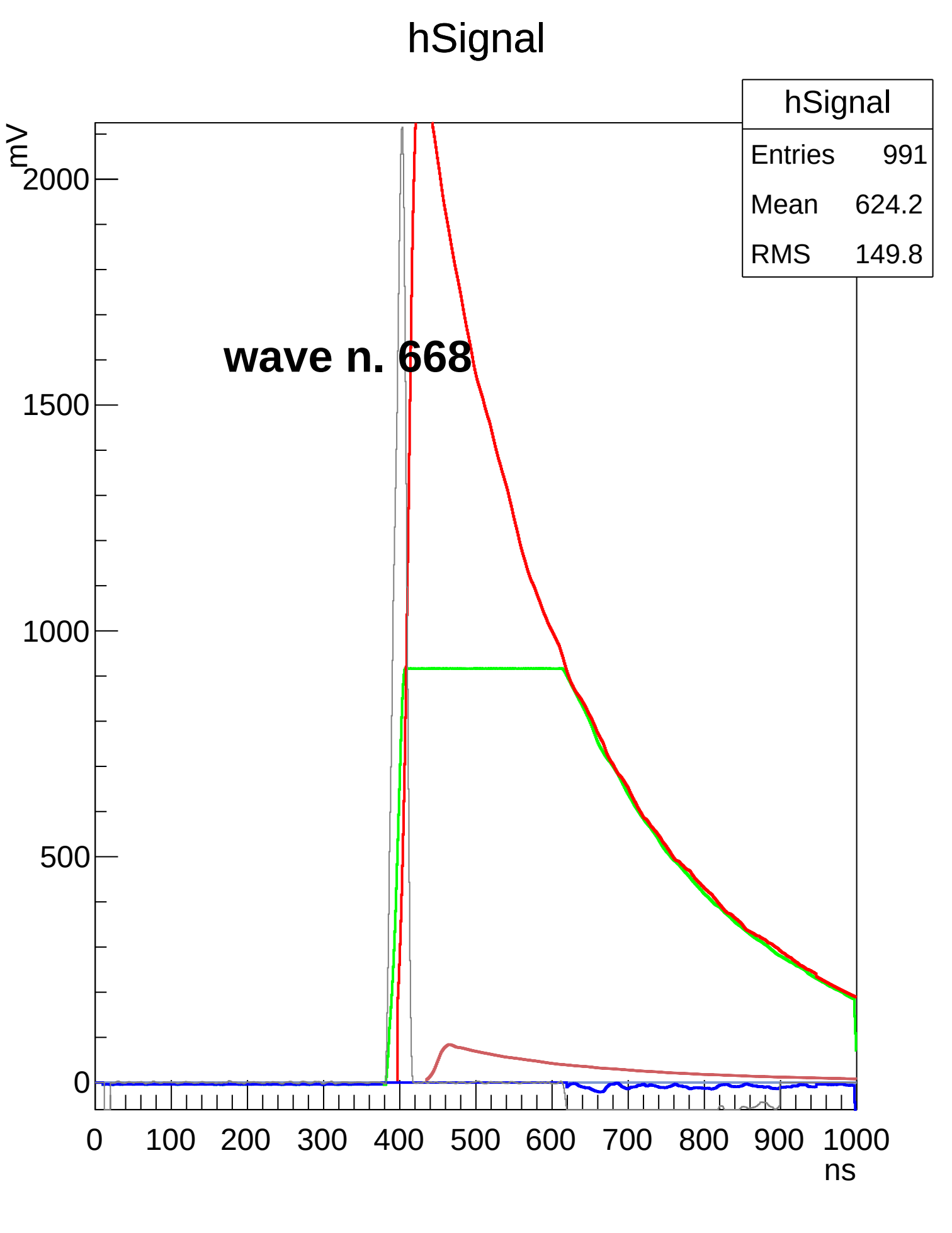
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 517.5
RMS 159.6
wave n. 665
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 452.2
RMS 168.1
wave n. 666
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 551.9
RMS 152.7
wave n. 667
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 624.2
RMS 149.8
wave n. 668
mV
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1500
1000
500
0
0
100
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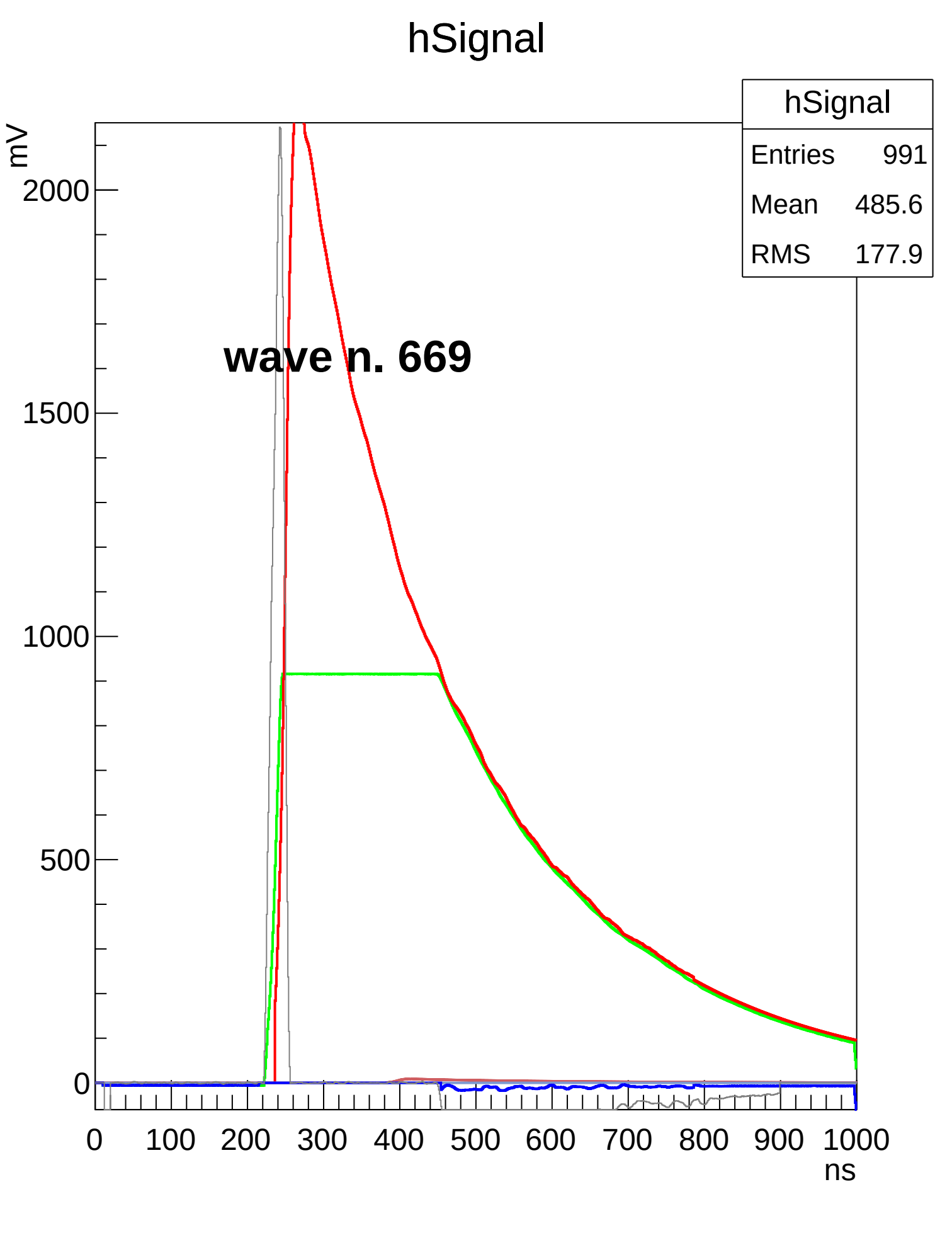
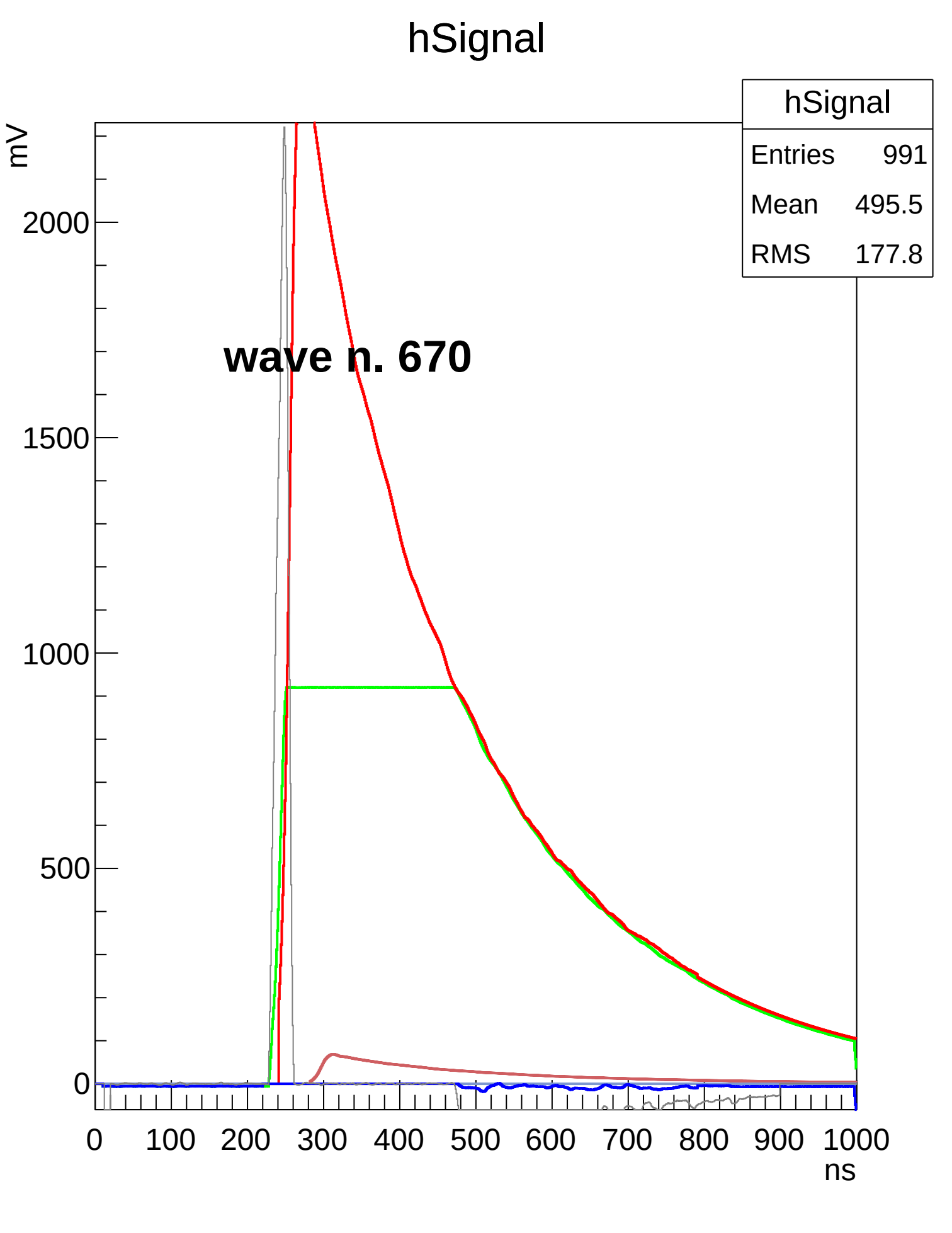
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485.6
RMS 177.9
wave n. 669
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 495.5
RMS 177.8
wave n. 670
mV
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1500
1000
500
0
0
100
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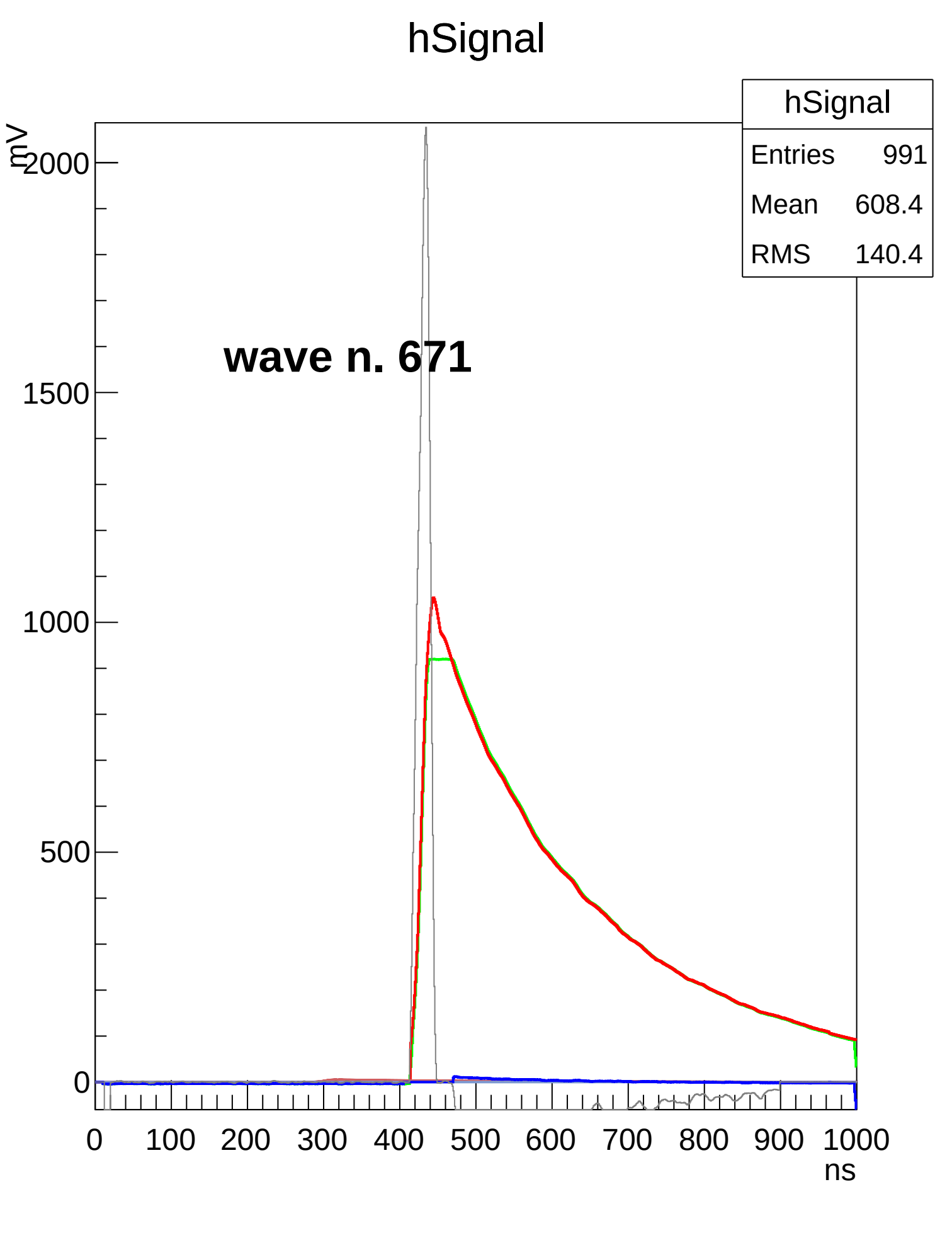
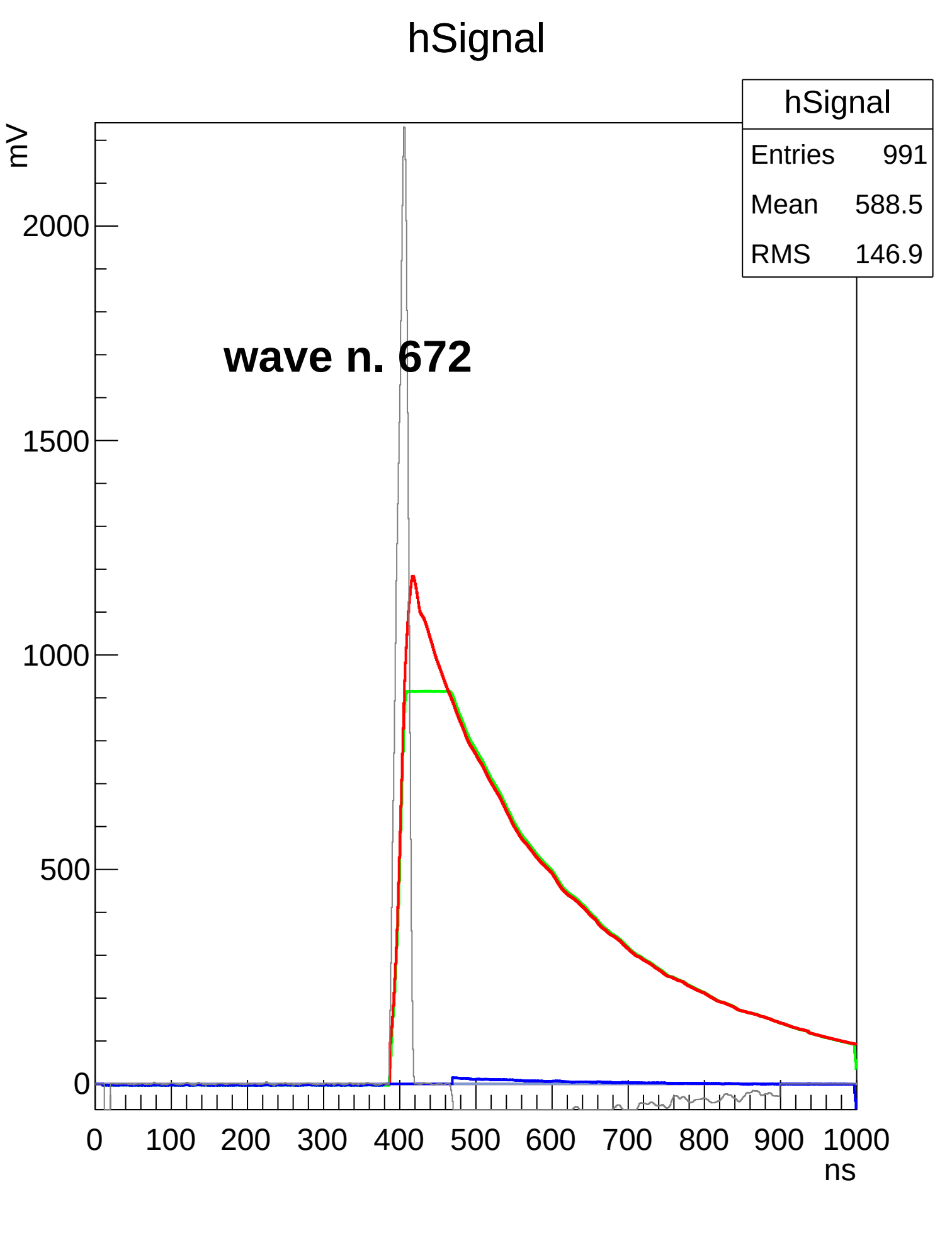
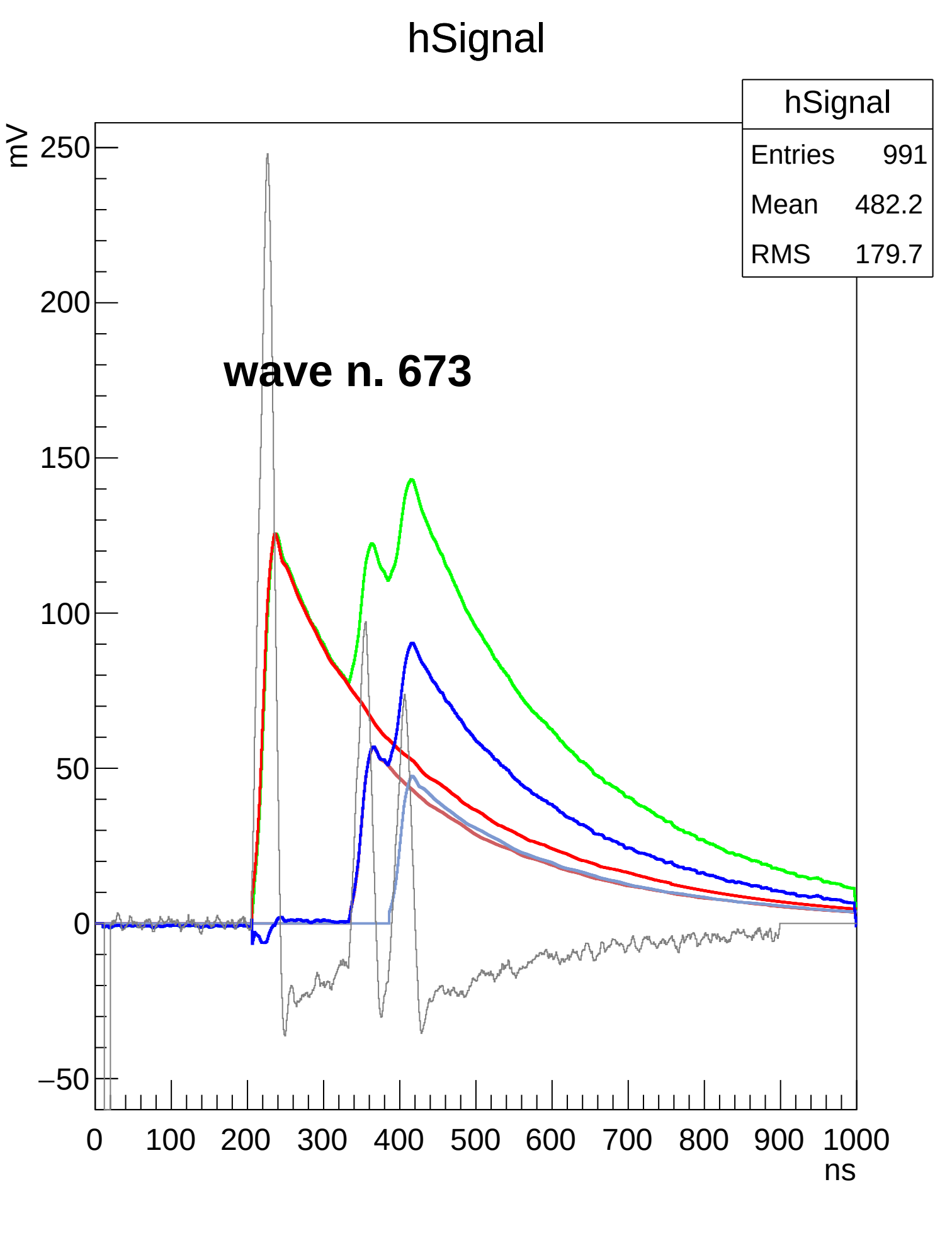
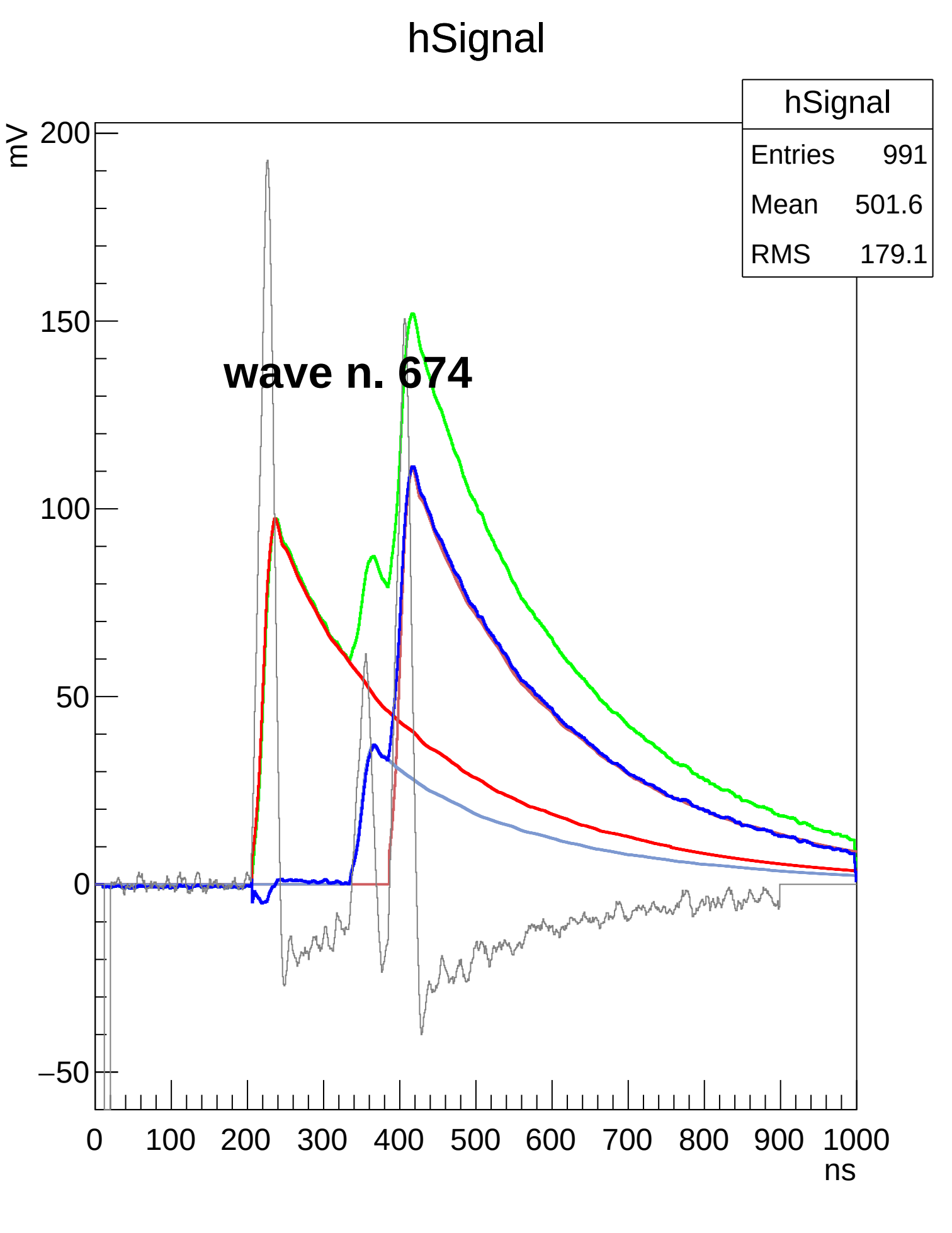
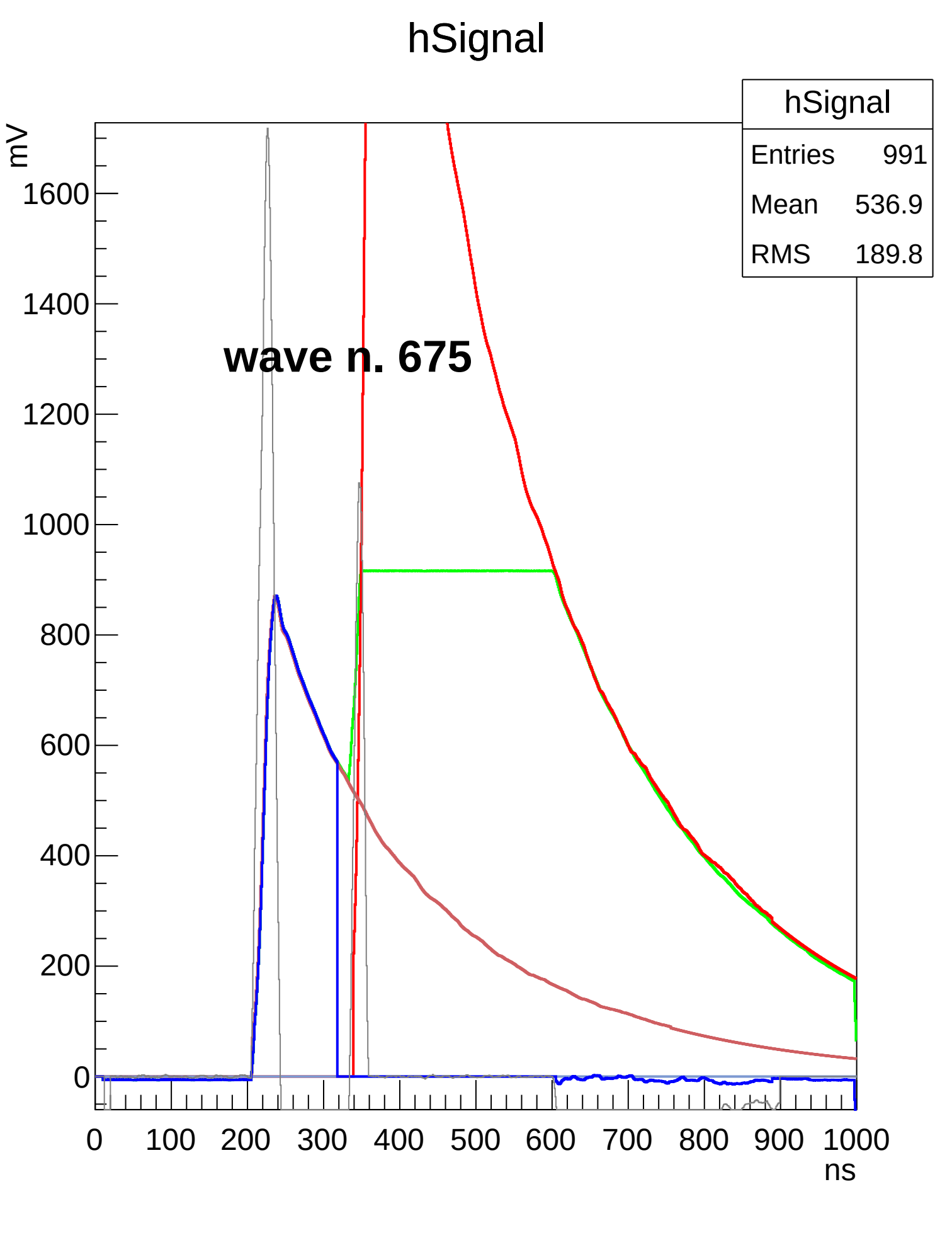
800
900
1000
ns

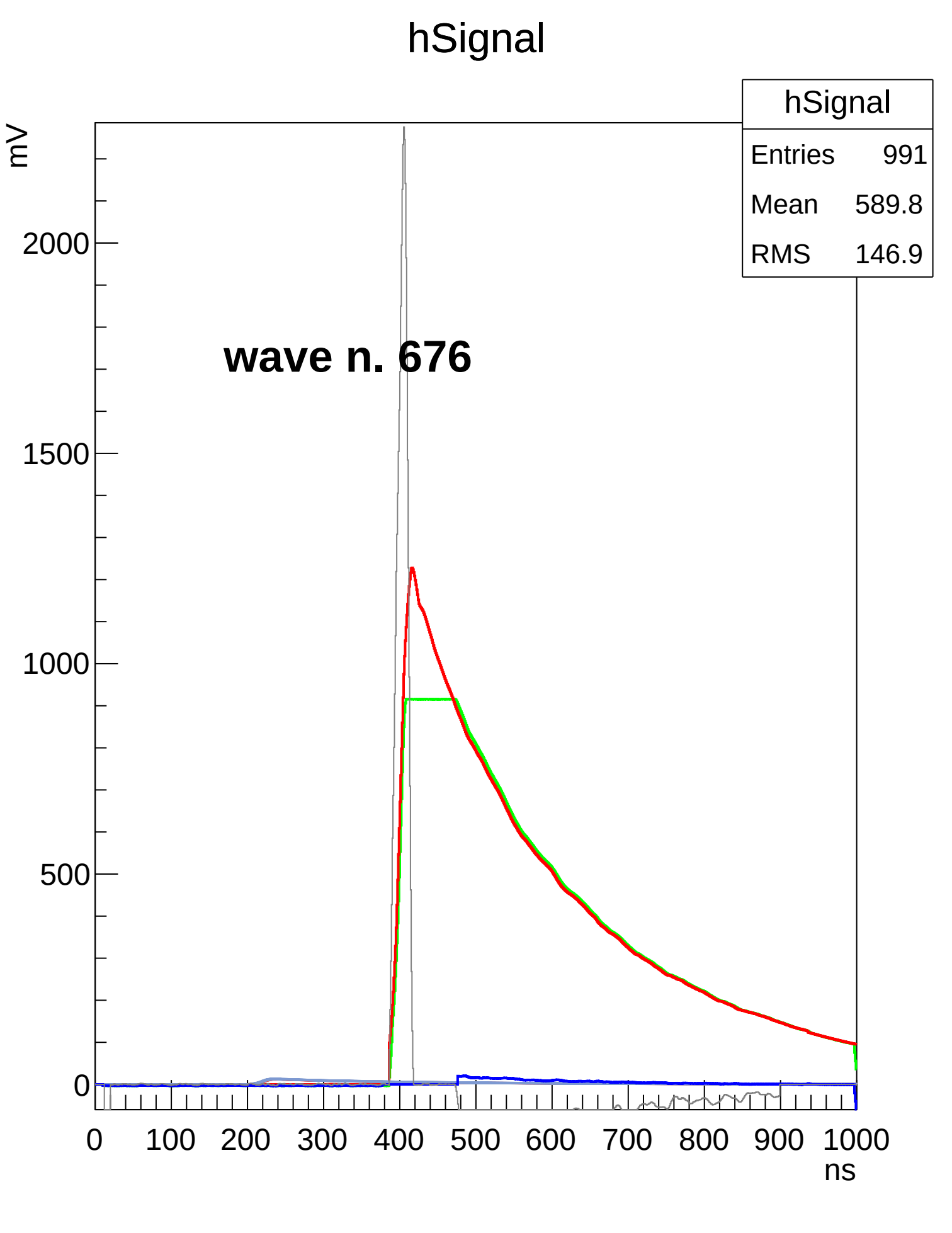

hSignal
hSignal
Entries 991
Mean 608.4
RMS 140.4
wave n. 671
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

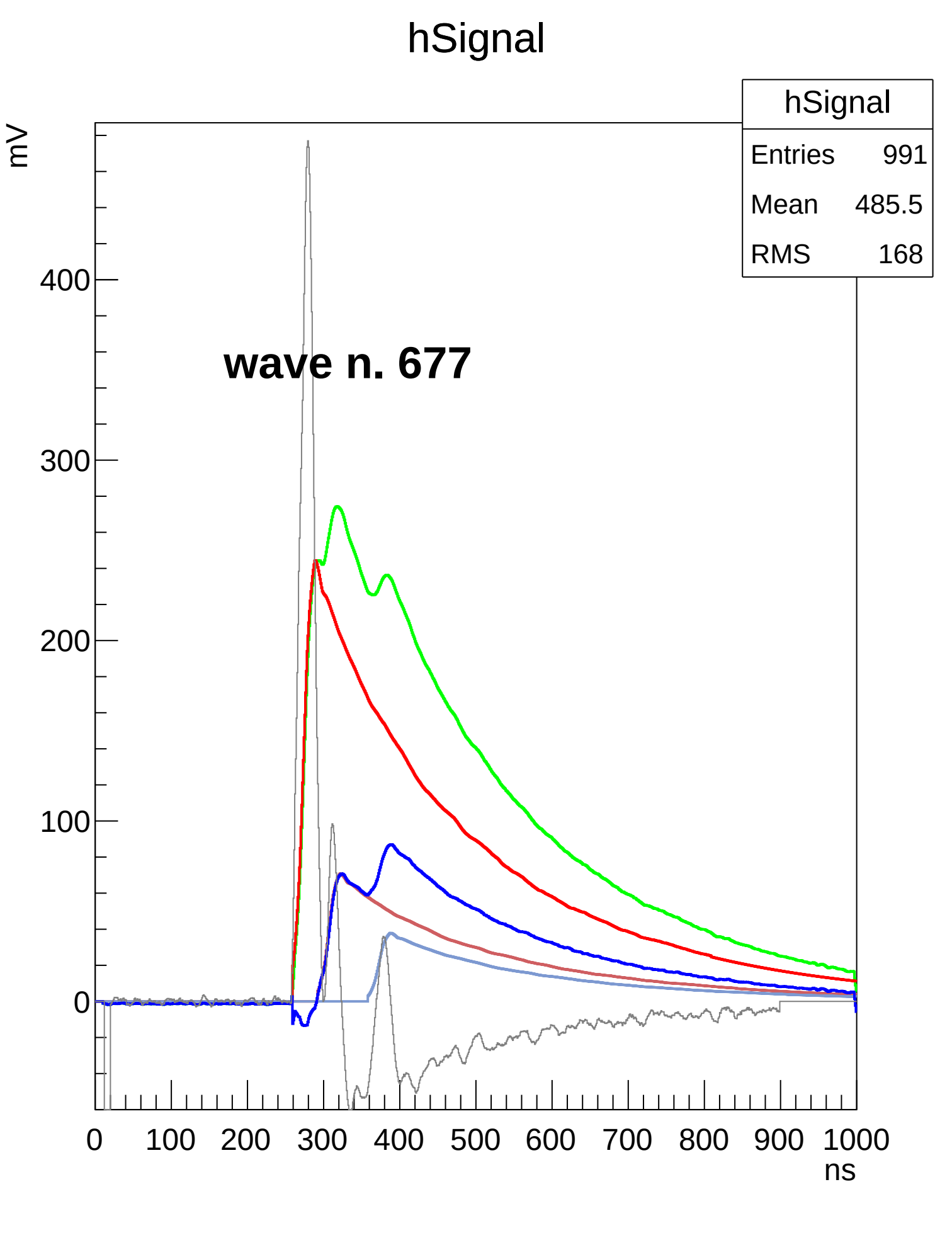

hSignal
hSignal
Entries 991
Mean 588.5
RMS 146.9
wave n. 672
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

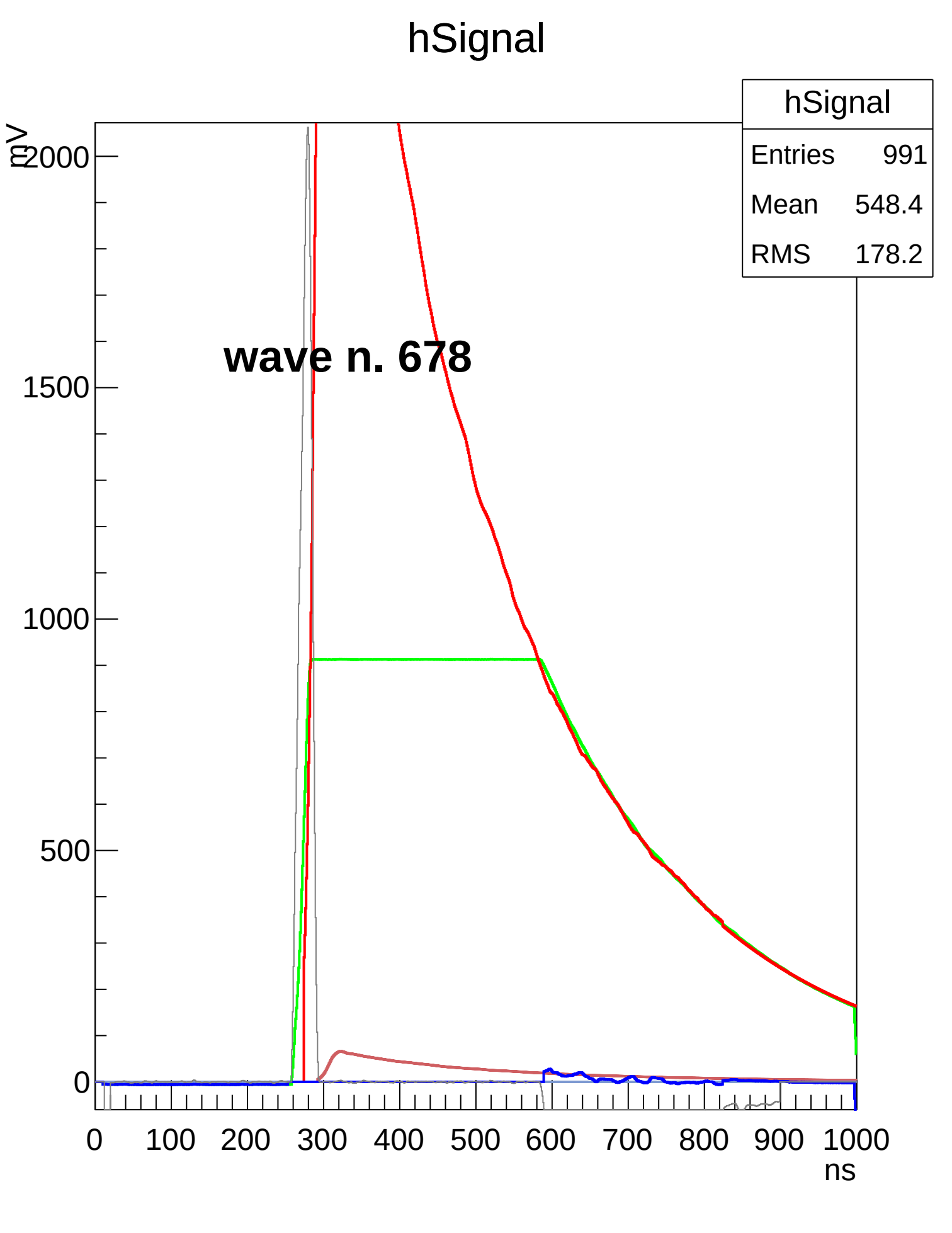

hSignal
hSignal
Entries 991
Mean 482.2
RMS 179.7
wave n. 673
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

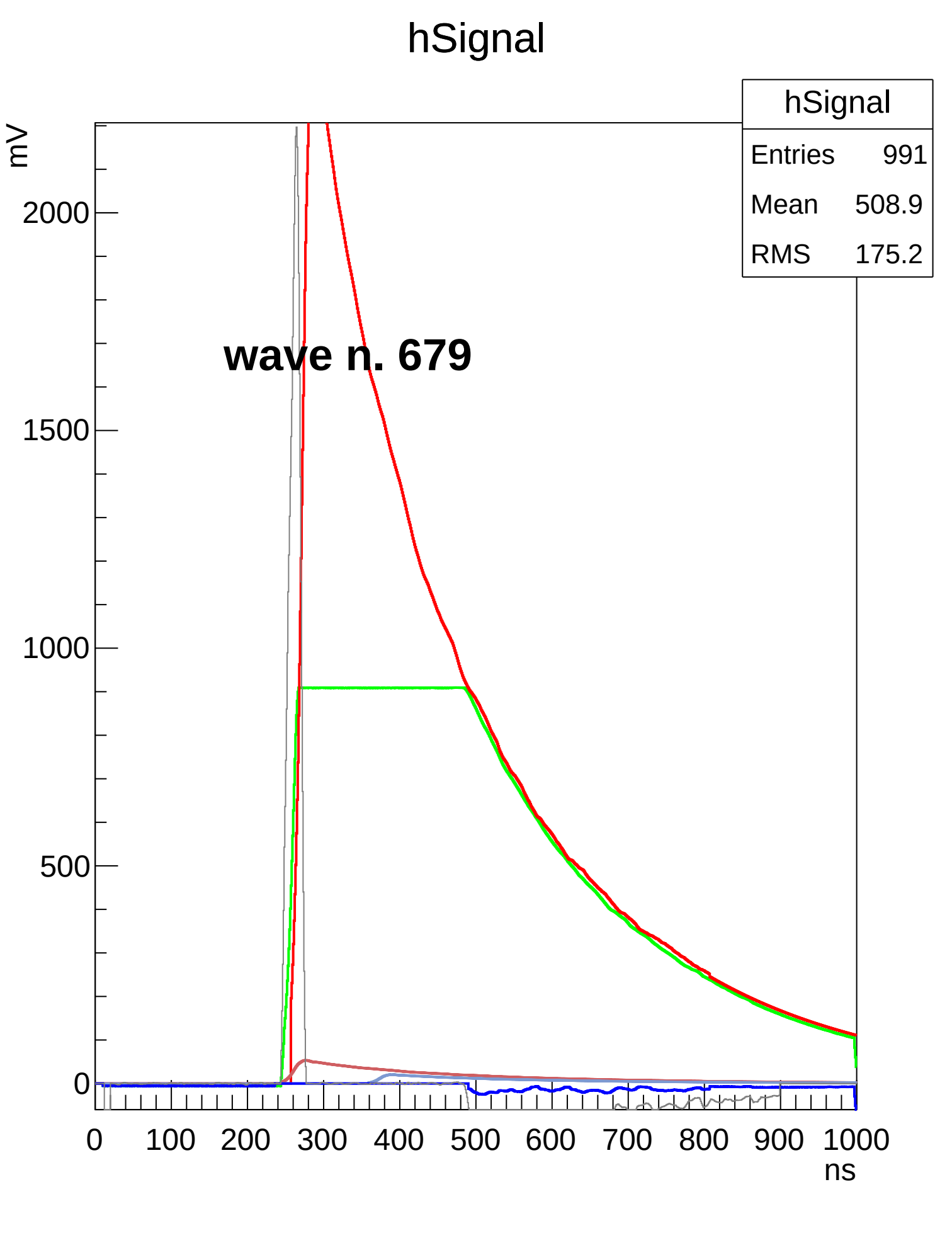

hSignal
hSignal
Entries 991
Mean 501.6
RMS 179.1
wave n. 674
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 536.9
RMS 189.8
wave n. 675
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 589.8
RMS 146.9
wave n. 676
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 485.5
RMS 168
wave n. 677
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 548.4
RMS 178.2
wave n. 678
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 508.9
RMS 175.2
wave n. 679
mV
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1500
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500
0
0
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200
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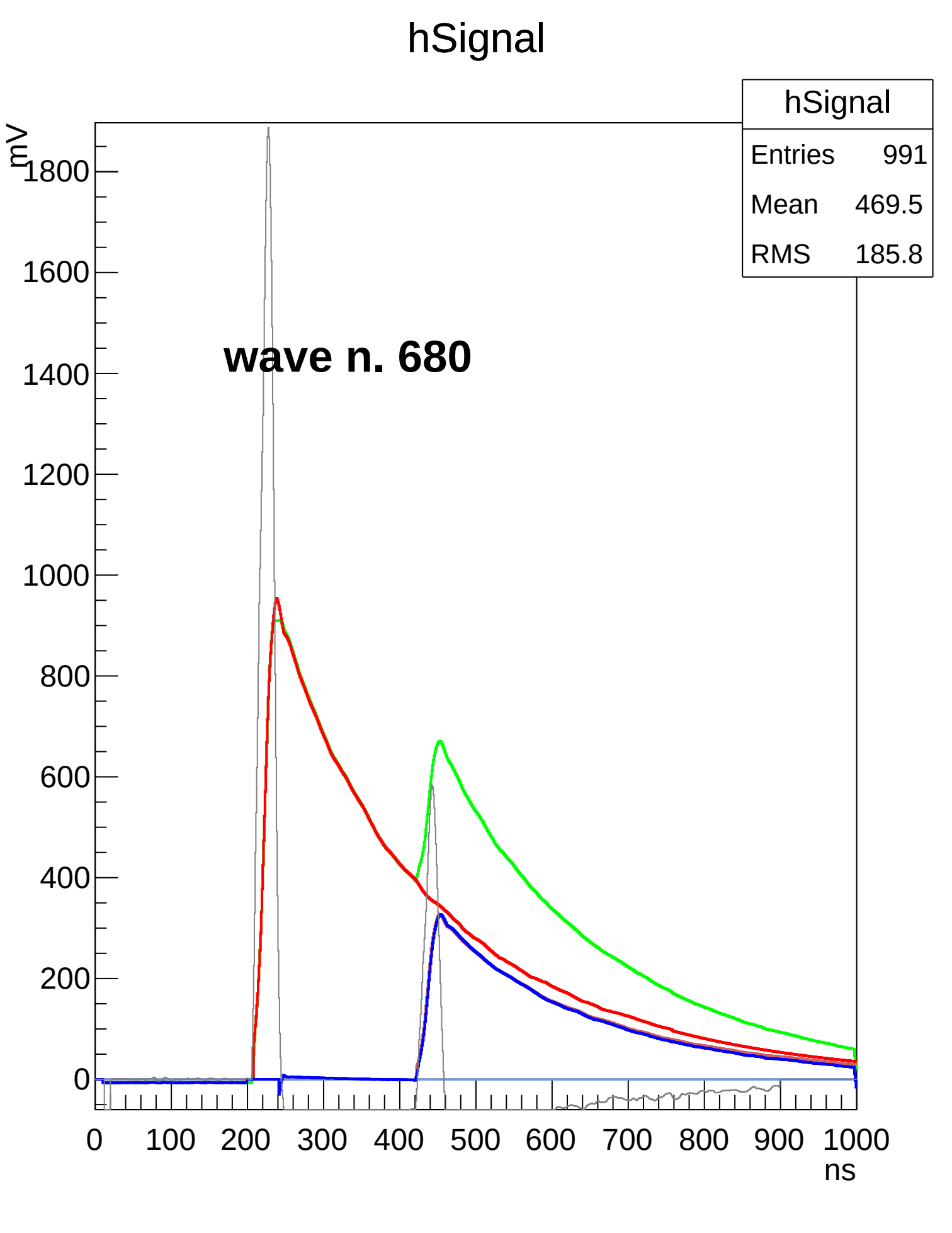
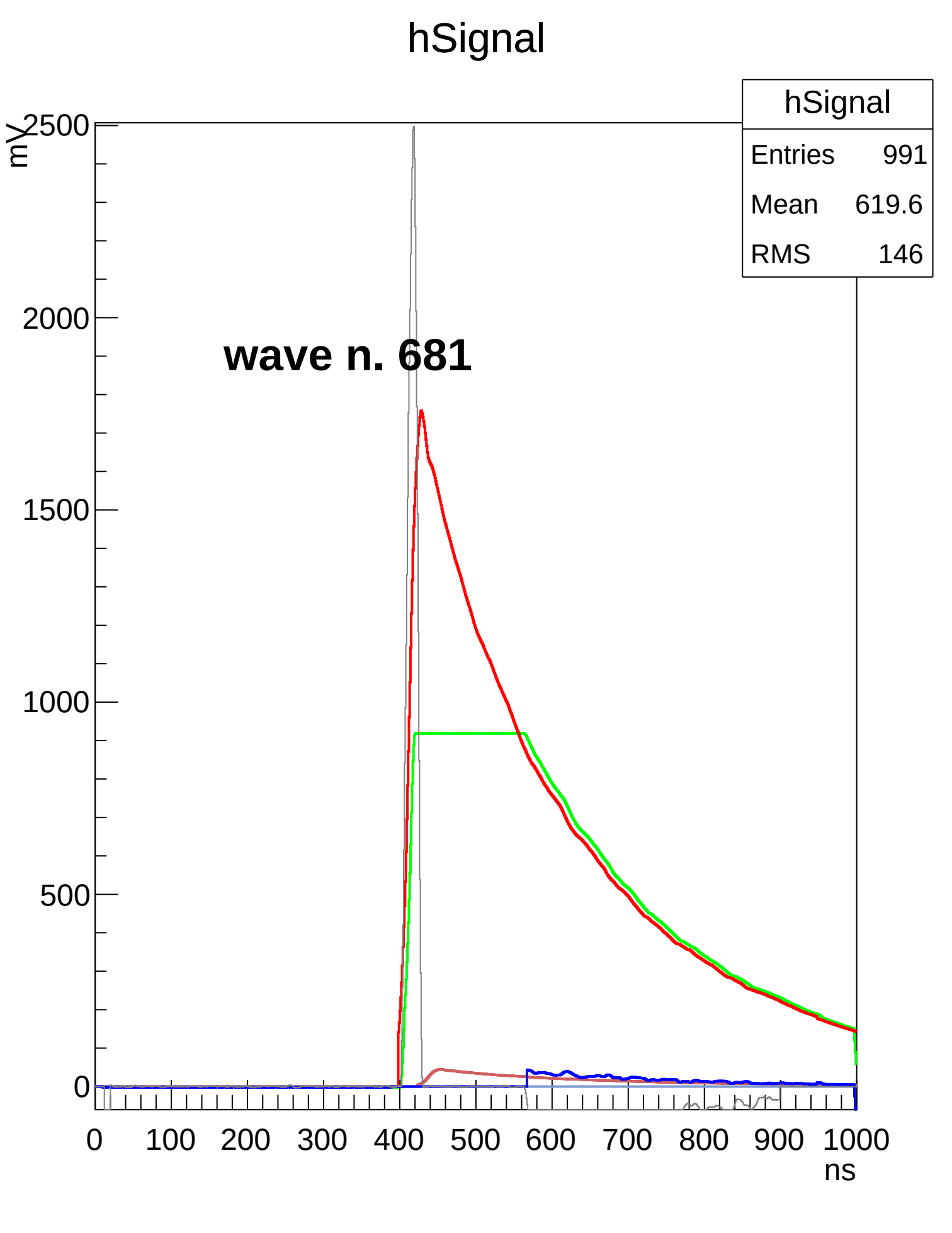
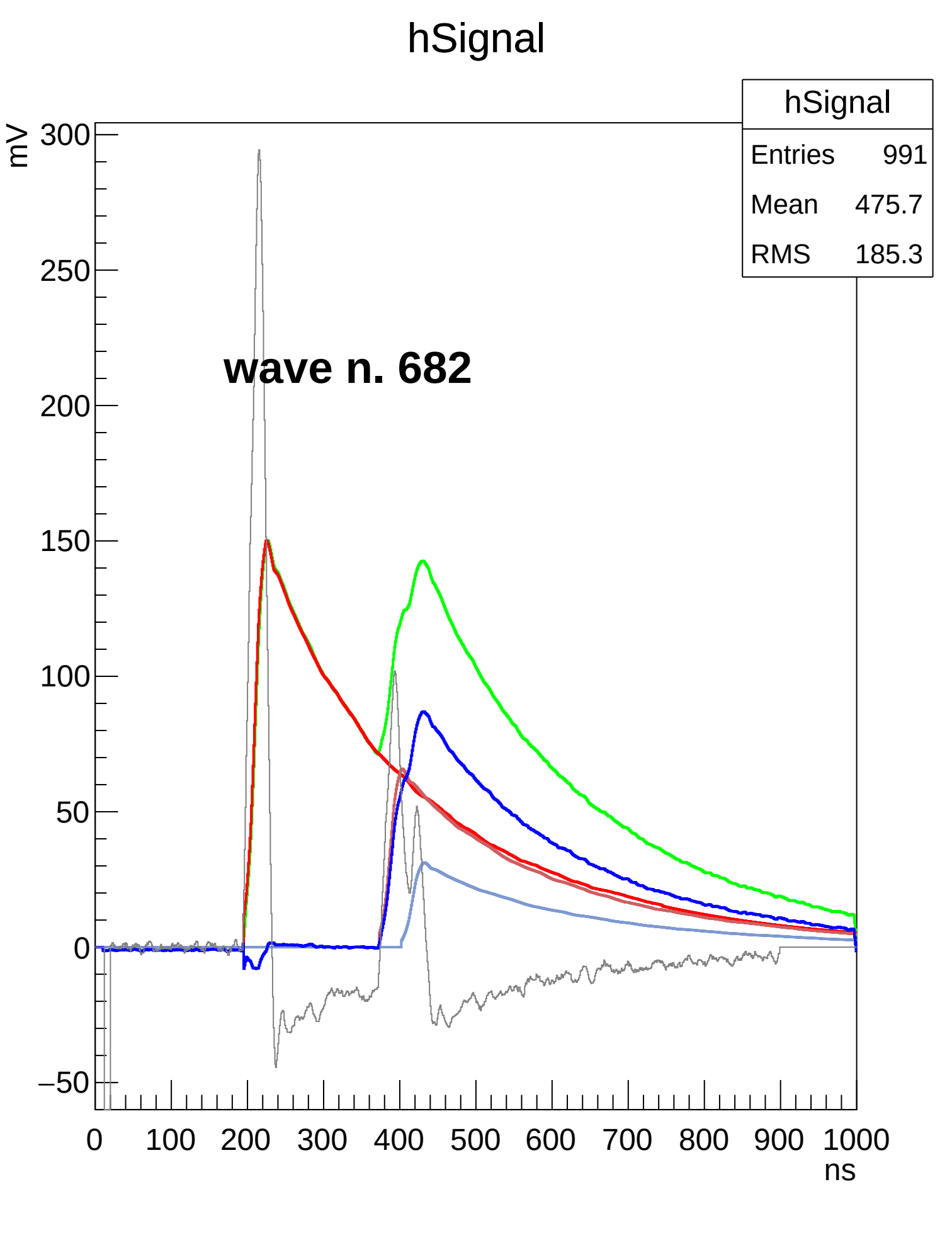
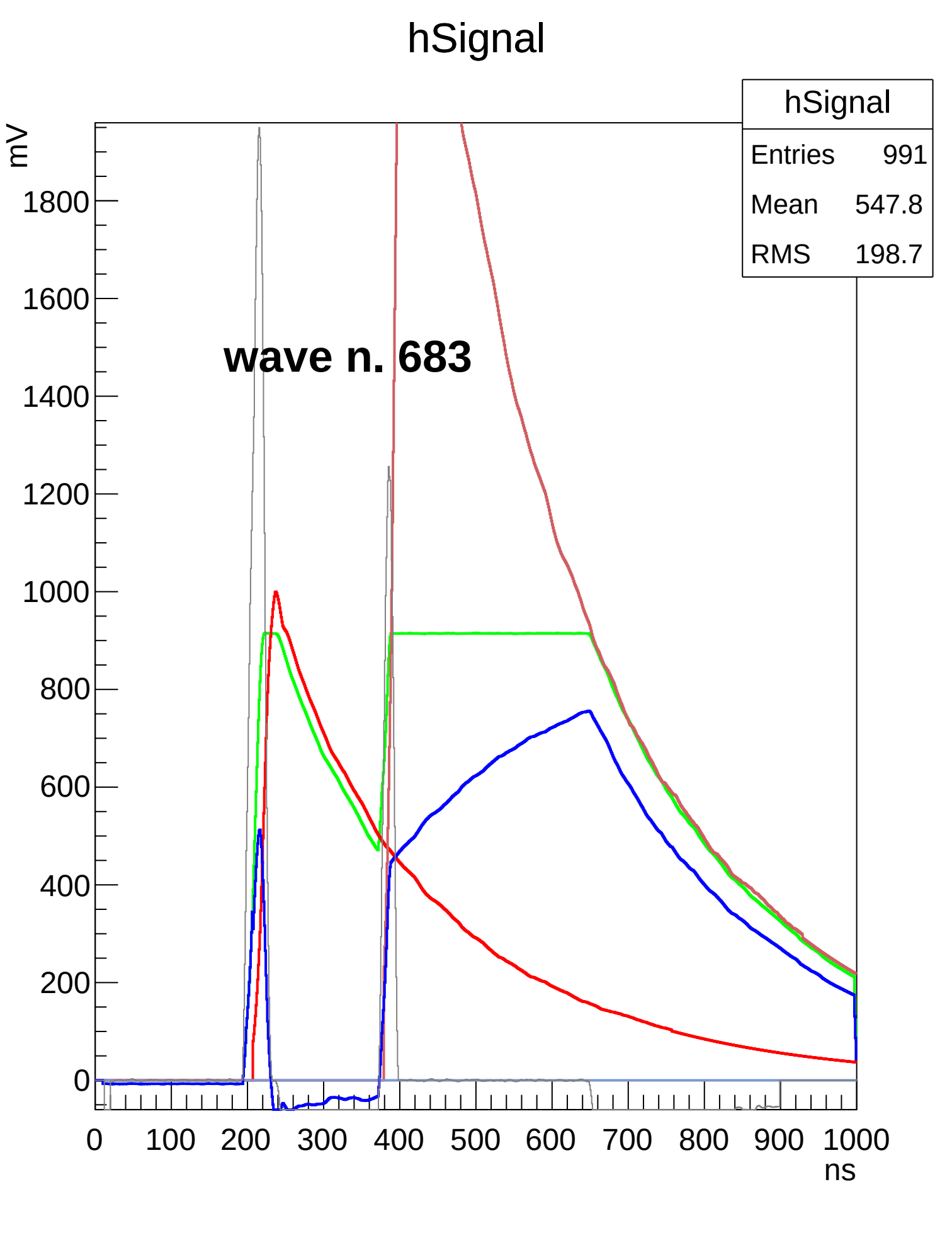
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 469.5
RMS 185.8
wave n. 680
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 619.6
RMS 146
wave n. 681
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 475.7
RMS 185.3
wave n. 682
mV
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547.8
RMS 198.7
wave n. 683
mV
1800
1600
1400
1200
1000
800
600
400
200
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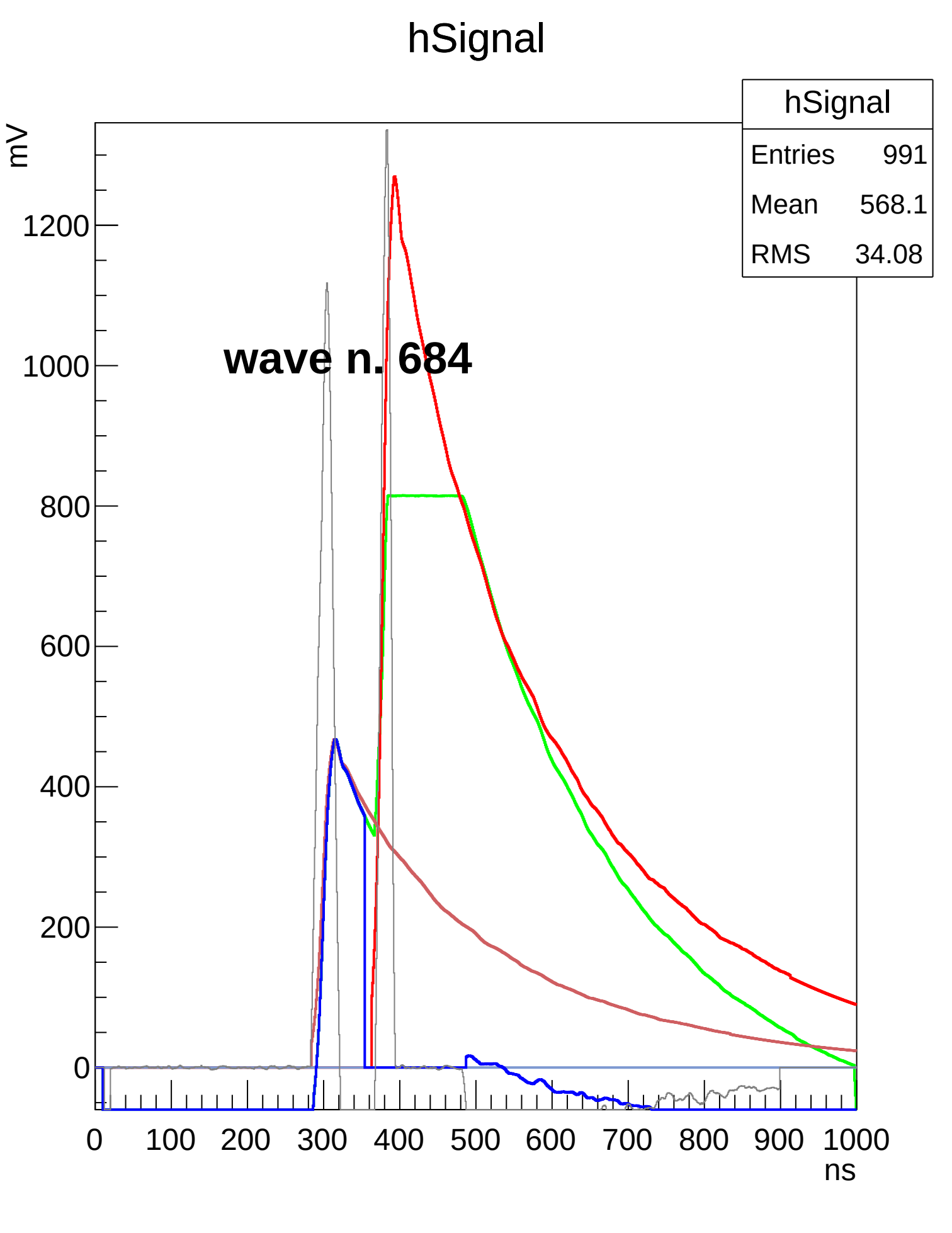
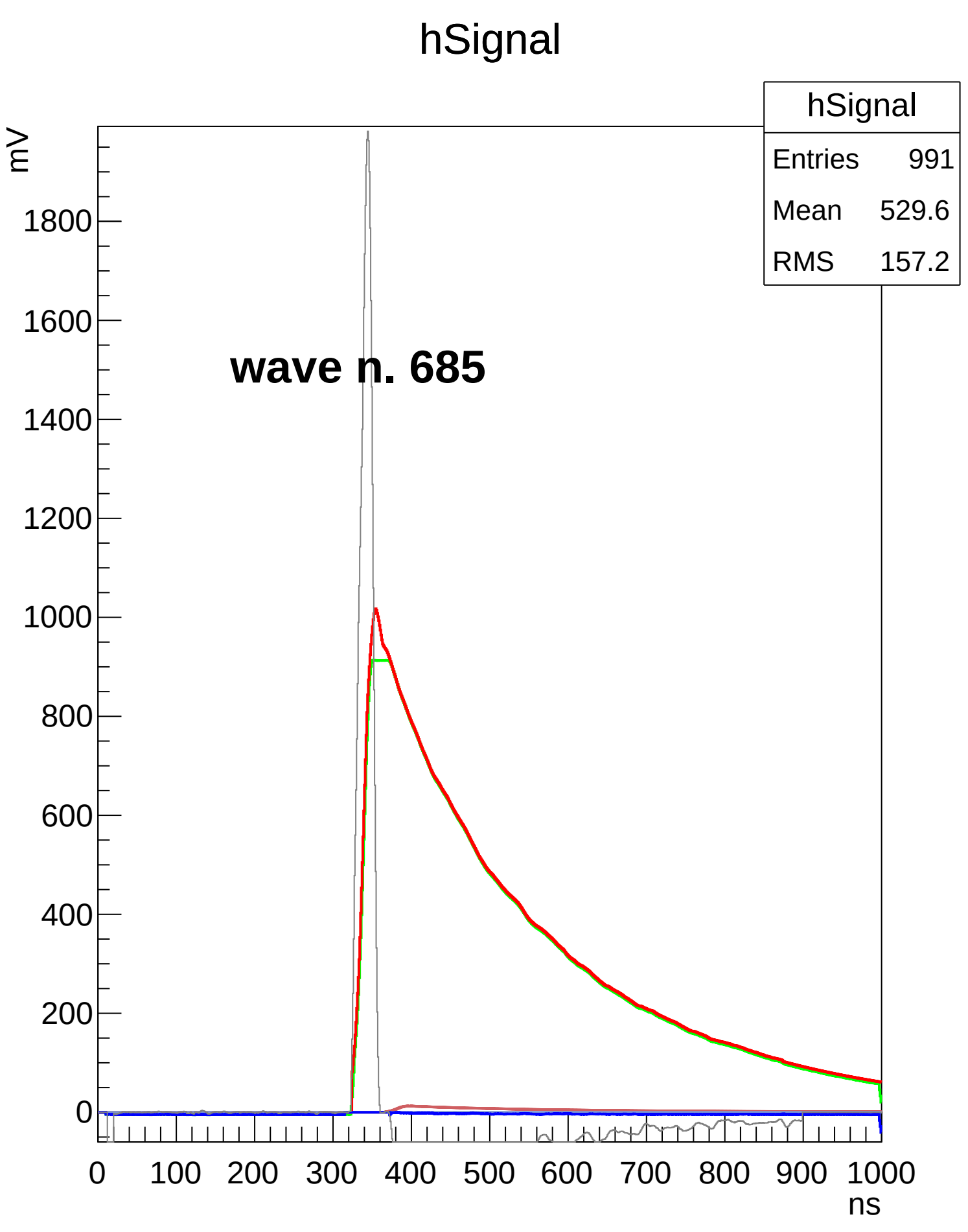
ns


hSignal
hSignal
Entries 991
Mean 568.1
RMS 34.08
wave n. 684
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 529.6
RMS 157.2
wave n. 685
mV
1800
1600
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1000
800
600
400
200
0
0
100
200
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400
500
600
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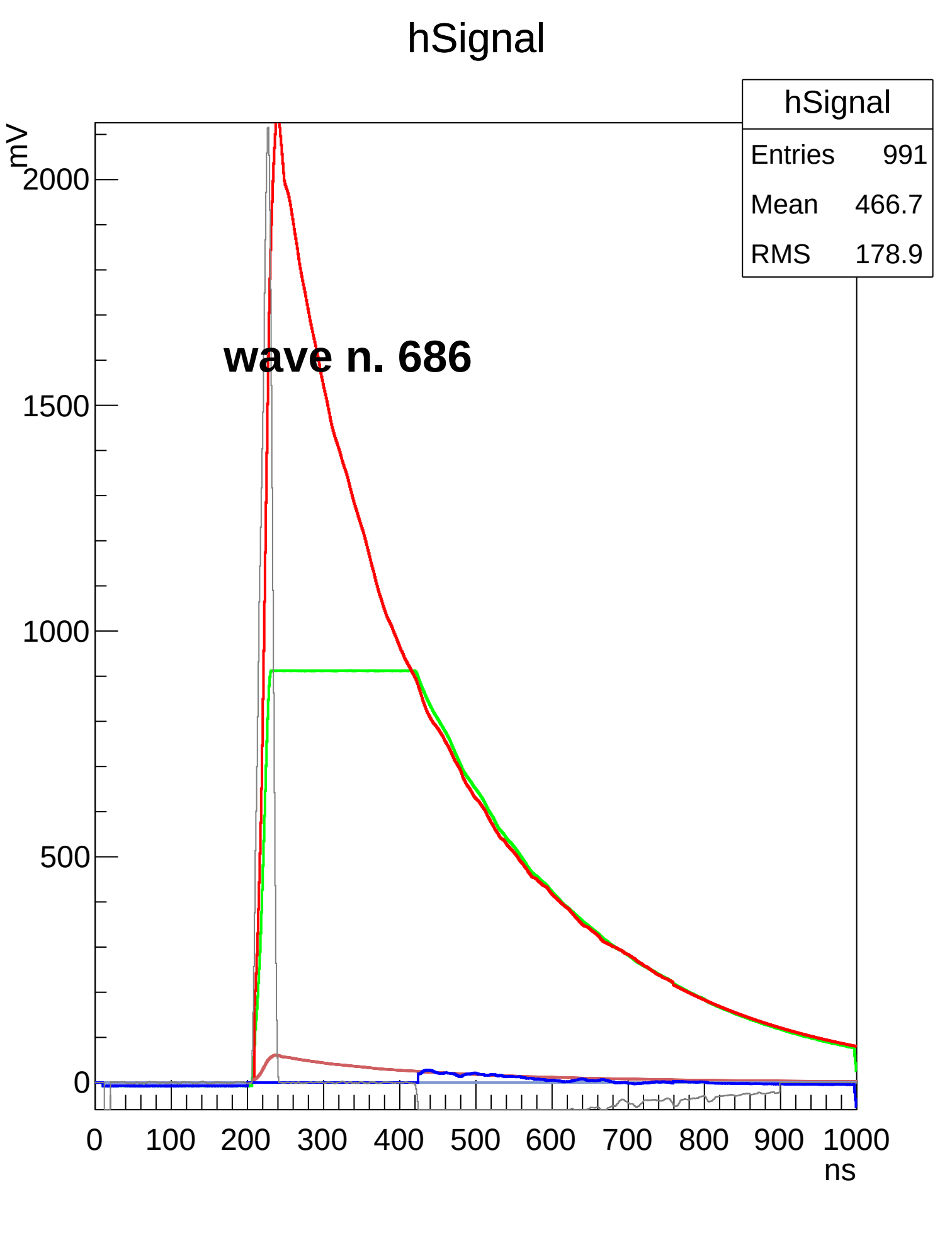
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 466.7
RMS 178.9
wave n. 686
mV
2000
1500
1000
500
0
0
100
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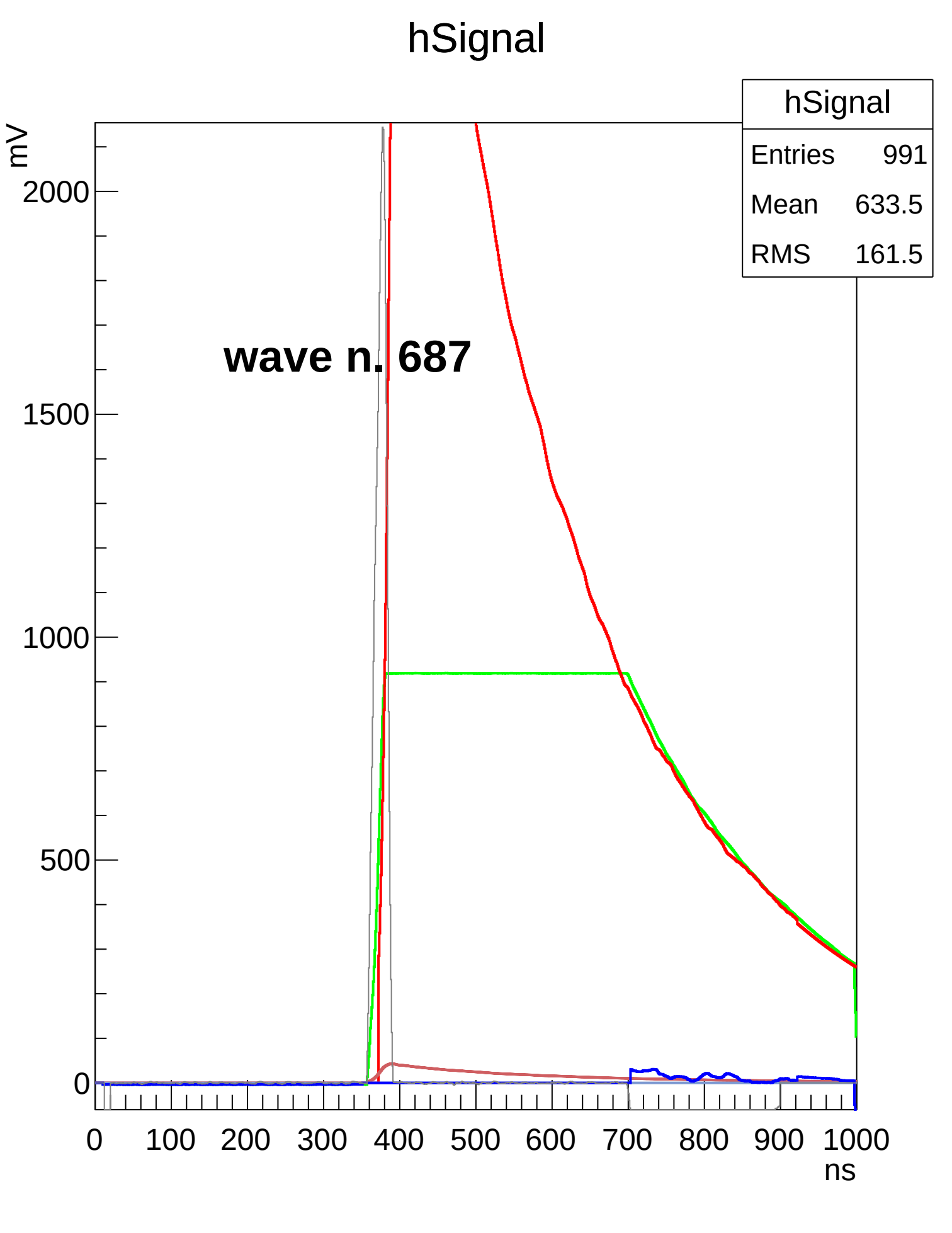
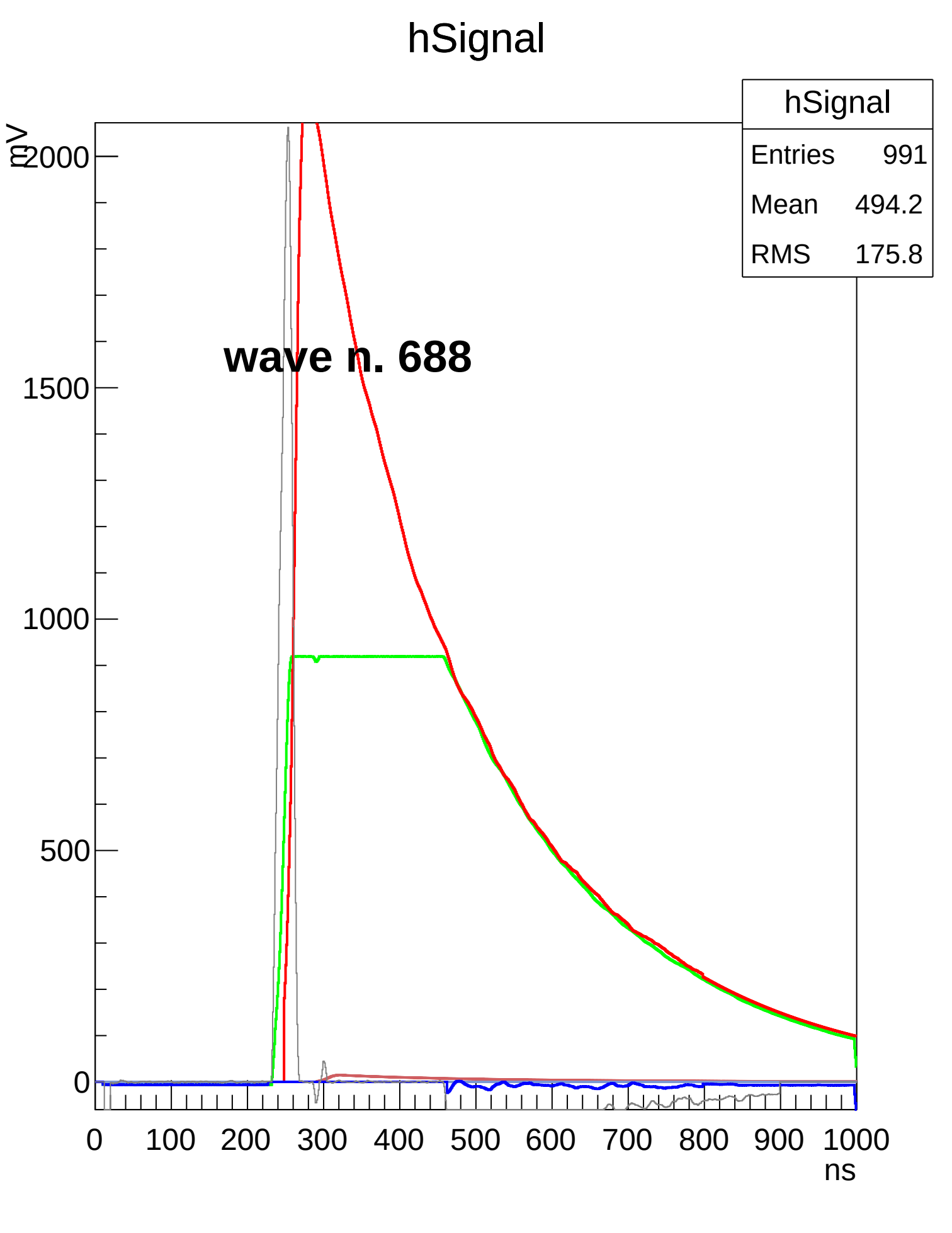
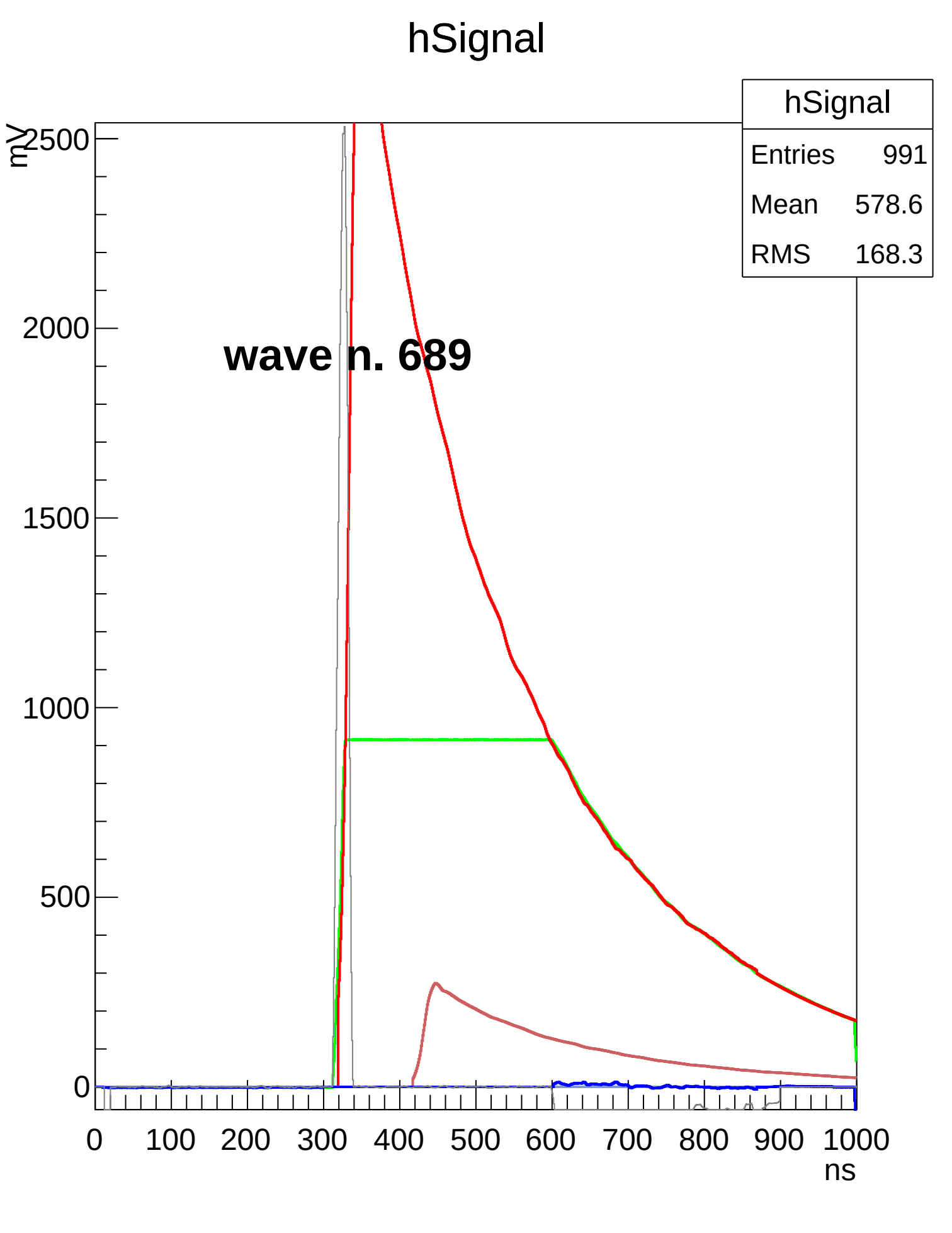
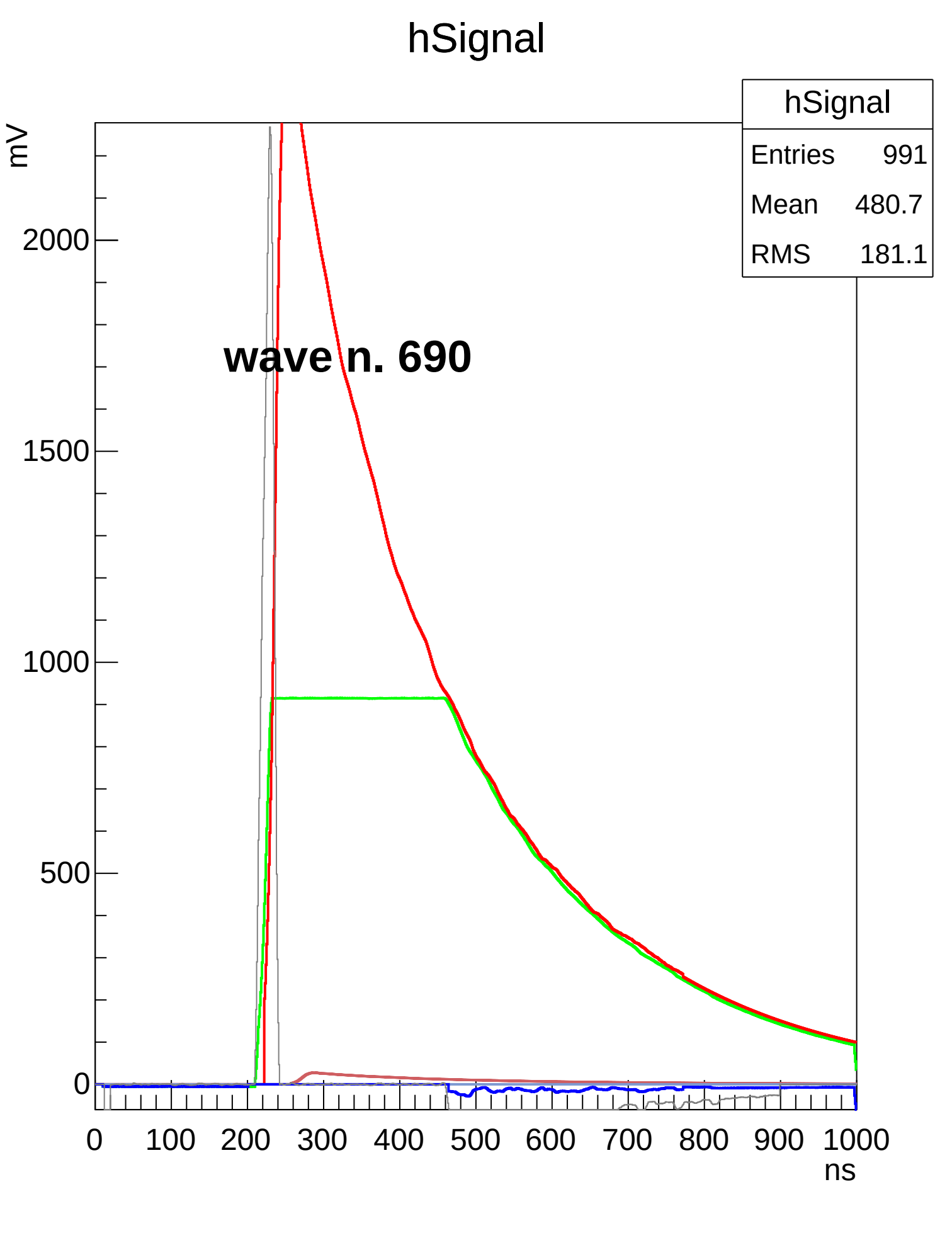
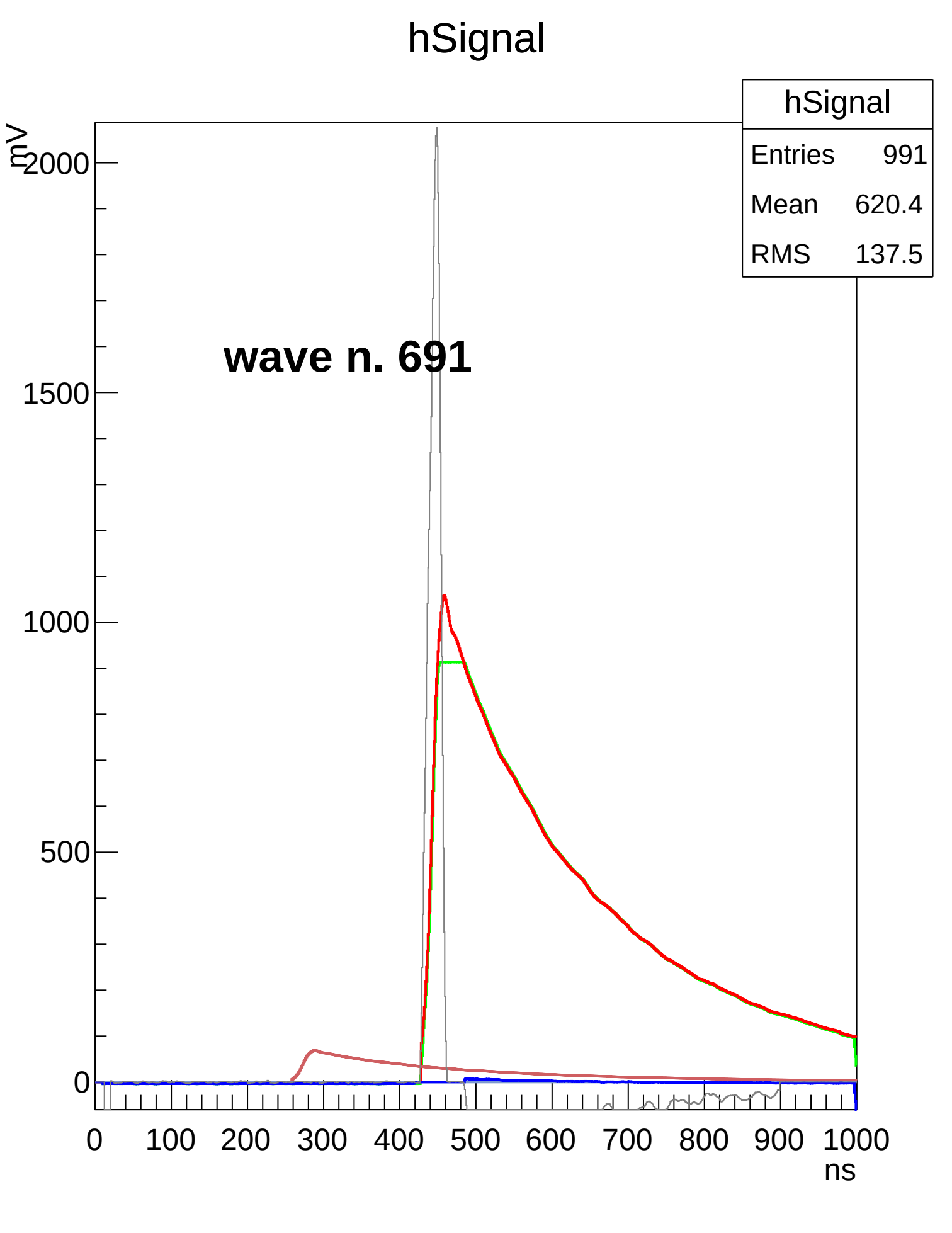
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 633.5
RMS 161.5
wave n. 687
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 494.2
RMS 175.8
wave n. 688
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578.6
RMS 168.3
wave n. 689
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 480.7
RMS 181.1
wave n. 690
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 620.4
RMS 137.5
wave n. 691
mV
2000
1500
1000
500
0
0
100
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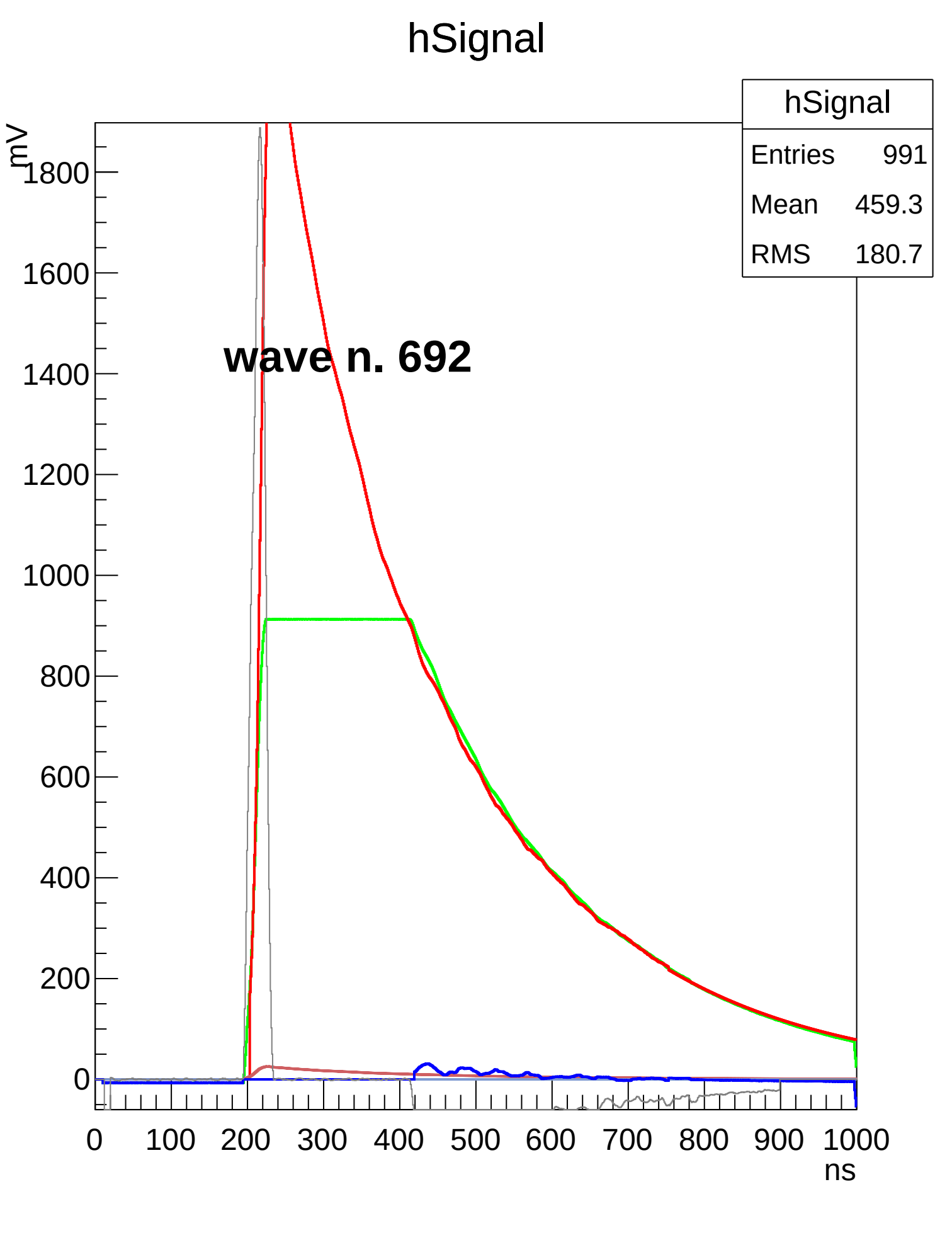
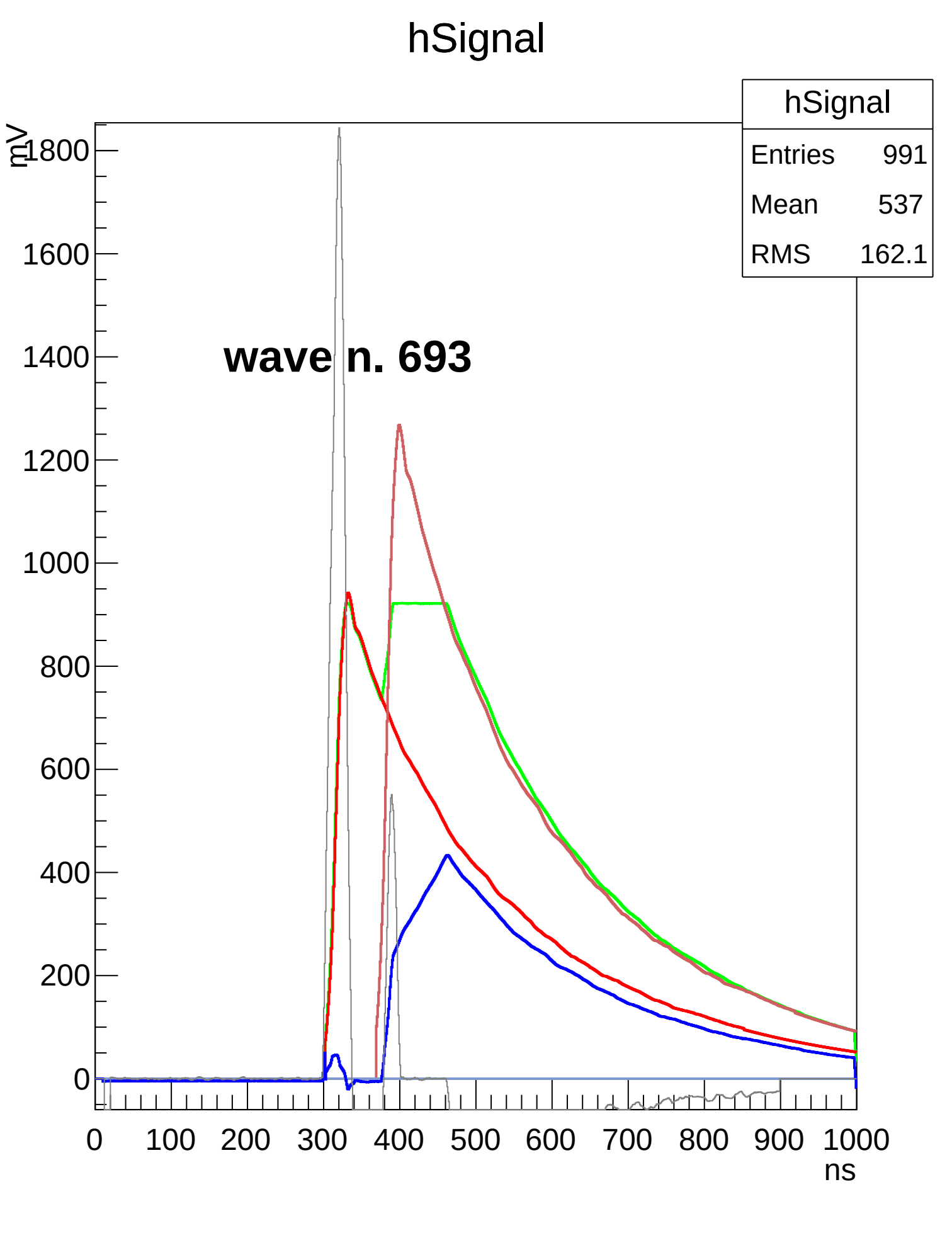
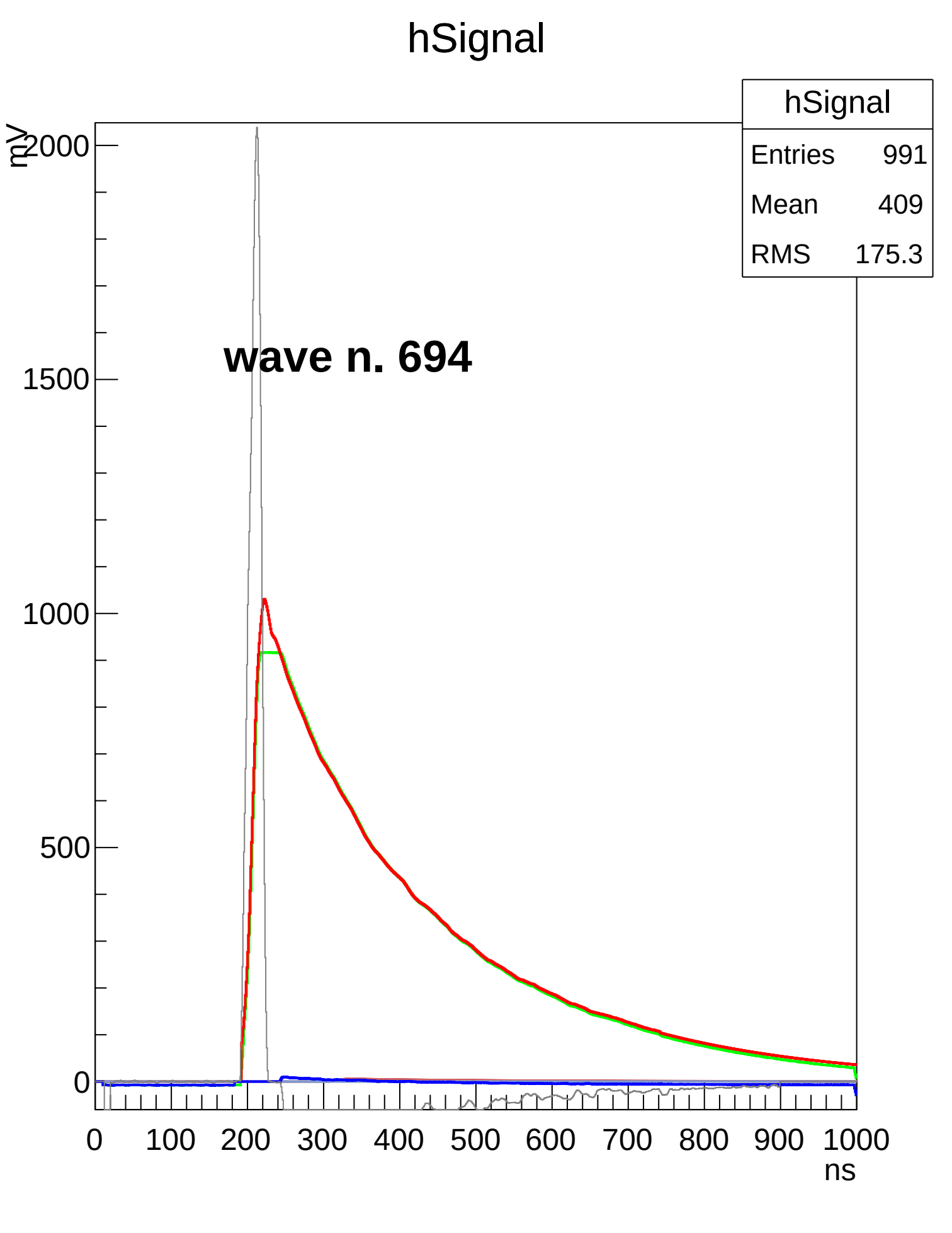
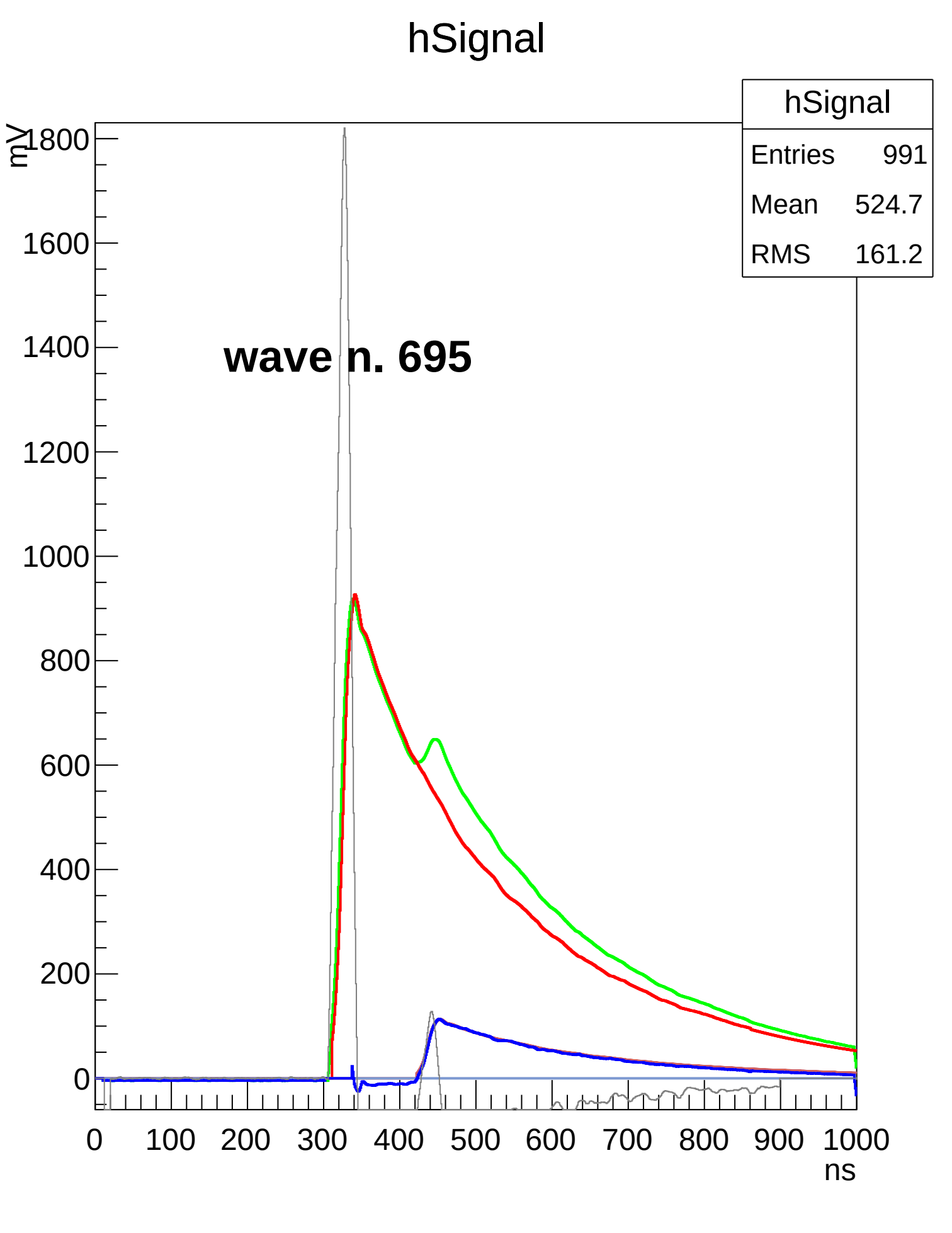
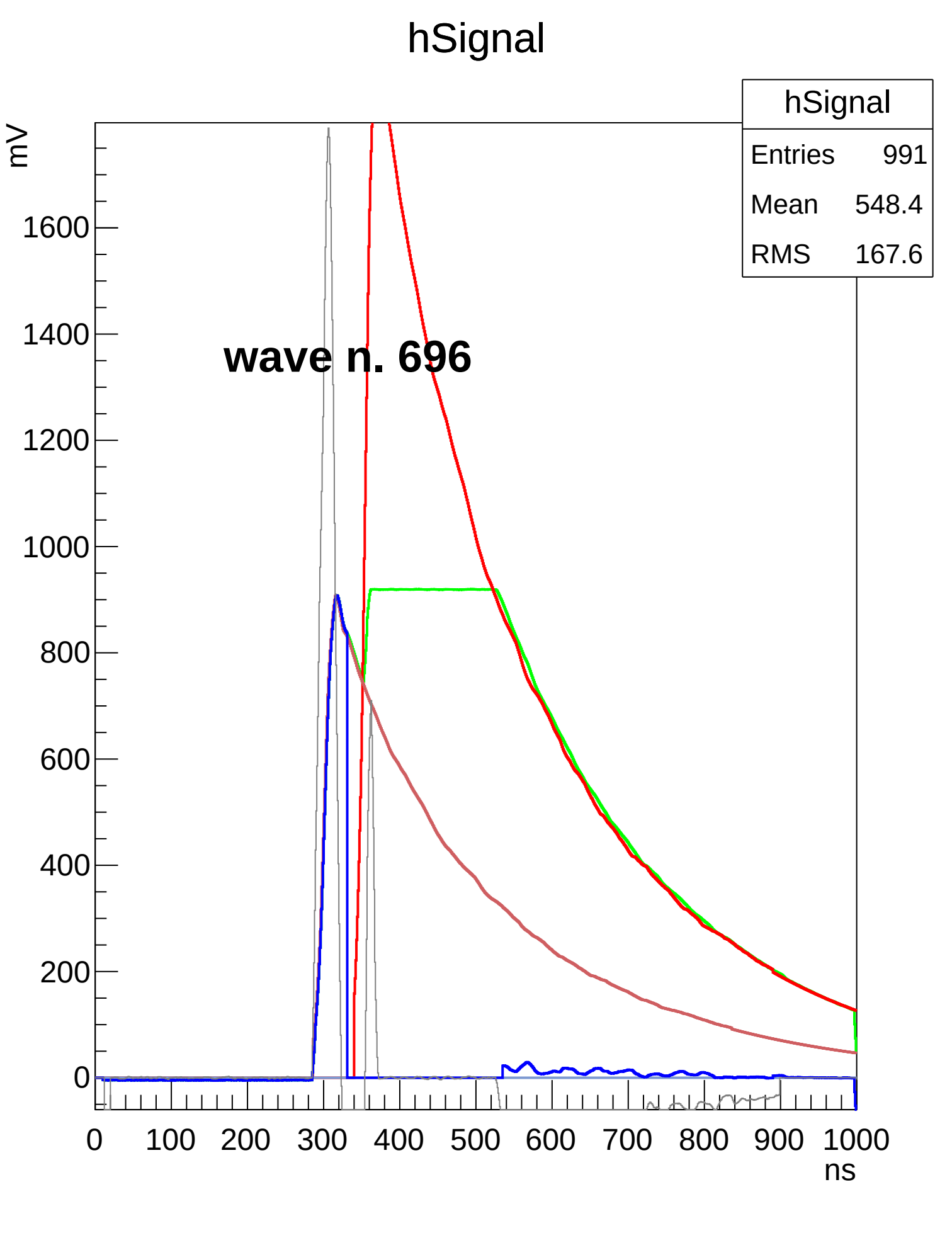
700
800
900
1000
ns

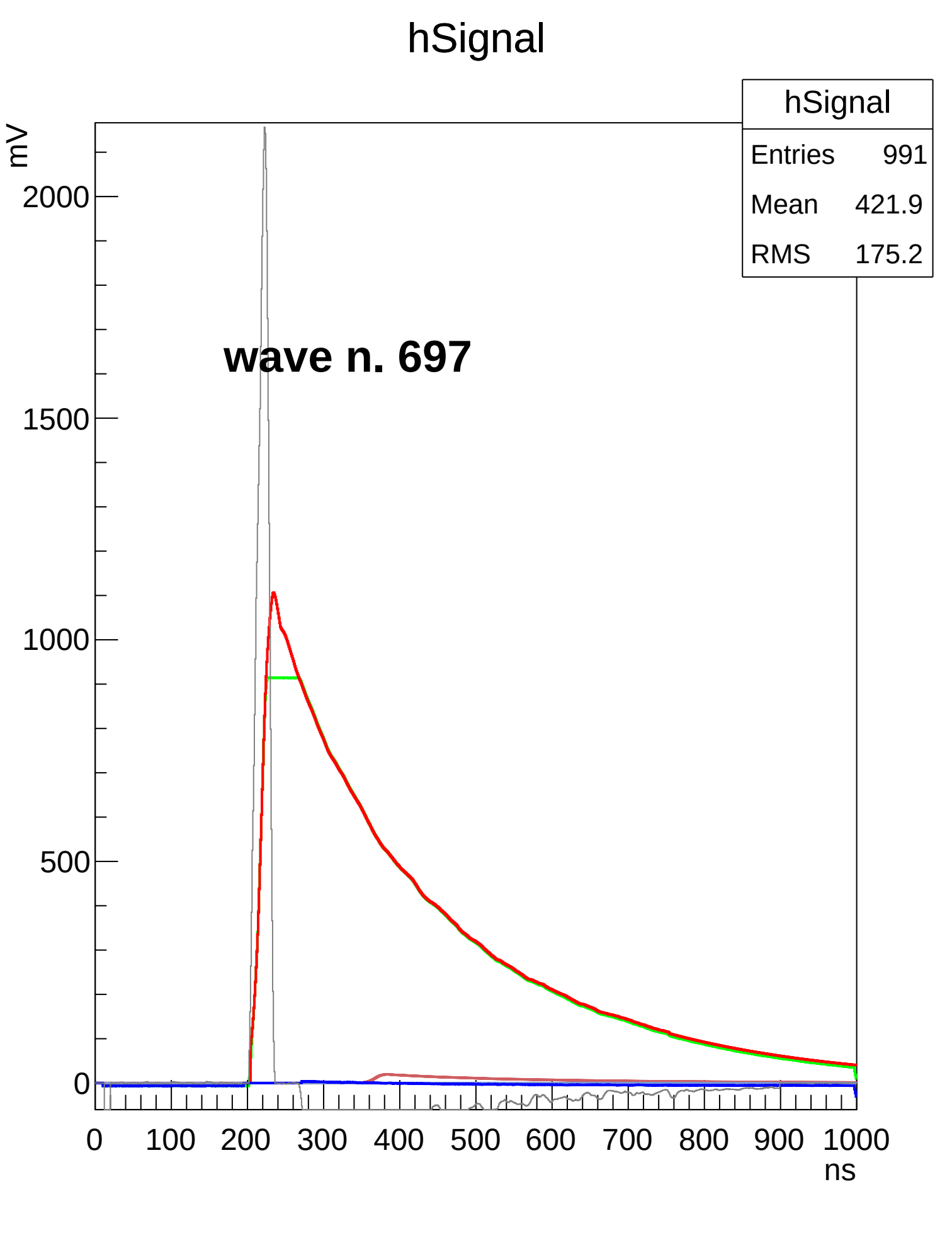

hSignal
hSignal
Entries 991
Mean 459.3
RMS 180.7
wave n. 692
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

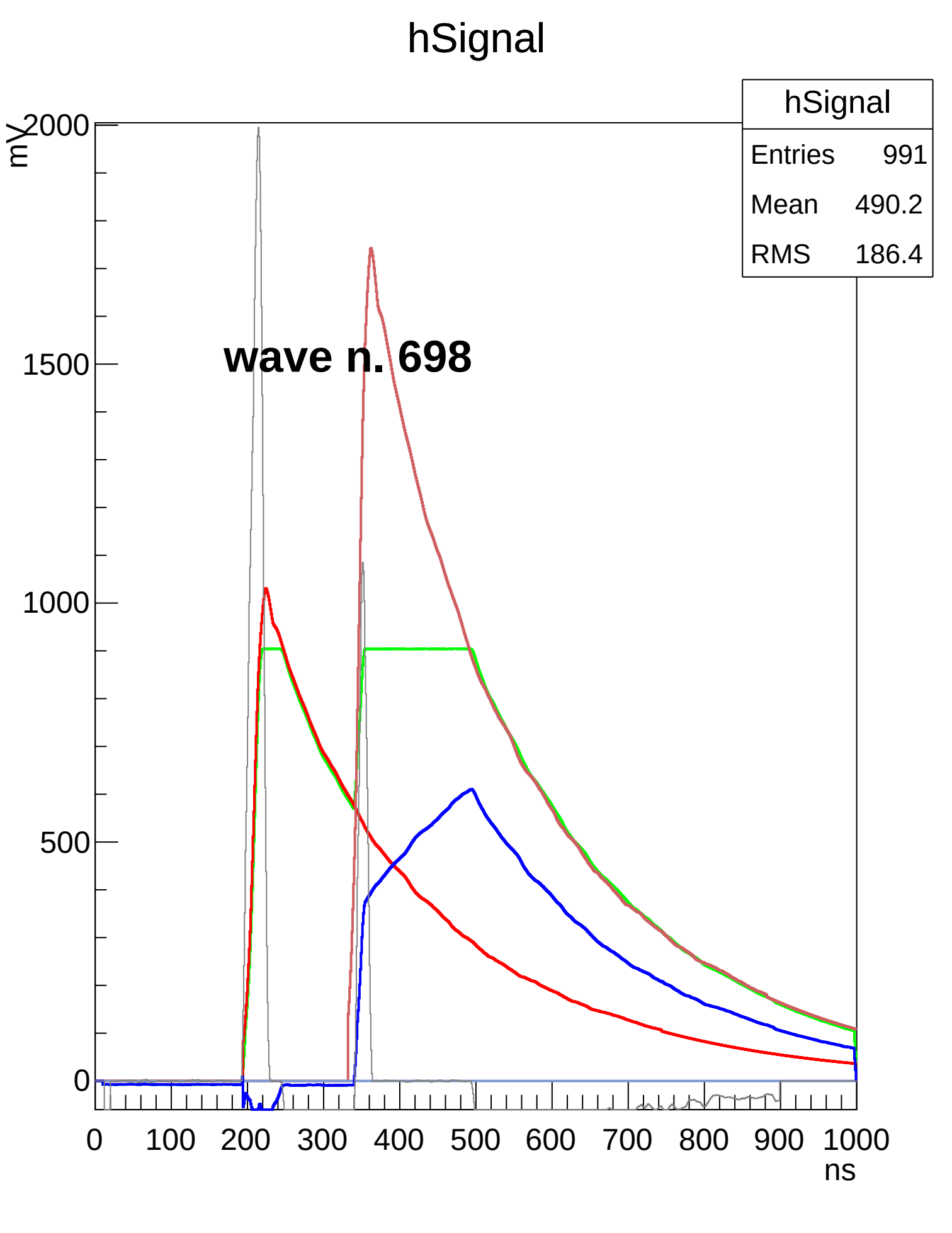

hSignal
hSignal
Entries 991
Mean 537
RMS 162.1
wave n. 693
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 409
RMS 175.3
wave n. 694
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 524.7
RMS 161.2
wave n. 695
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 548.4
RMS 167.6
wave n. 696
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 421.9
RMS 175.2
wave n. 697
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 490.2
RMS 186.4
wave n. 698
mV
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1500
1000
500
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0
100
200
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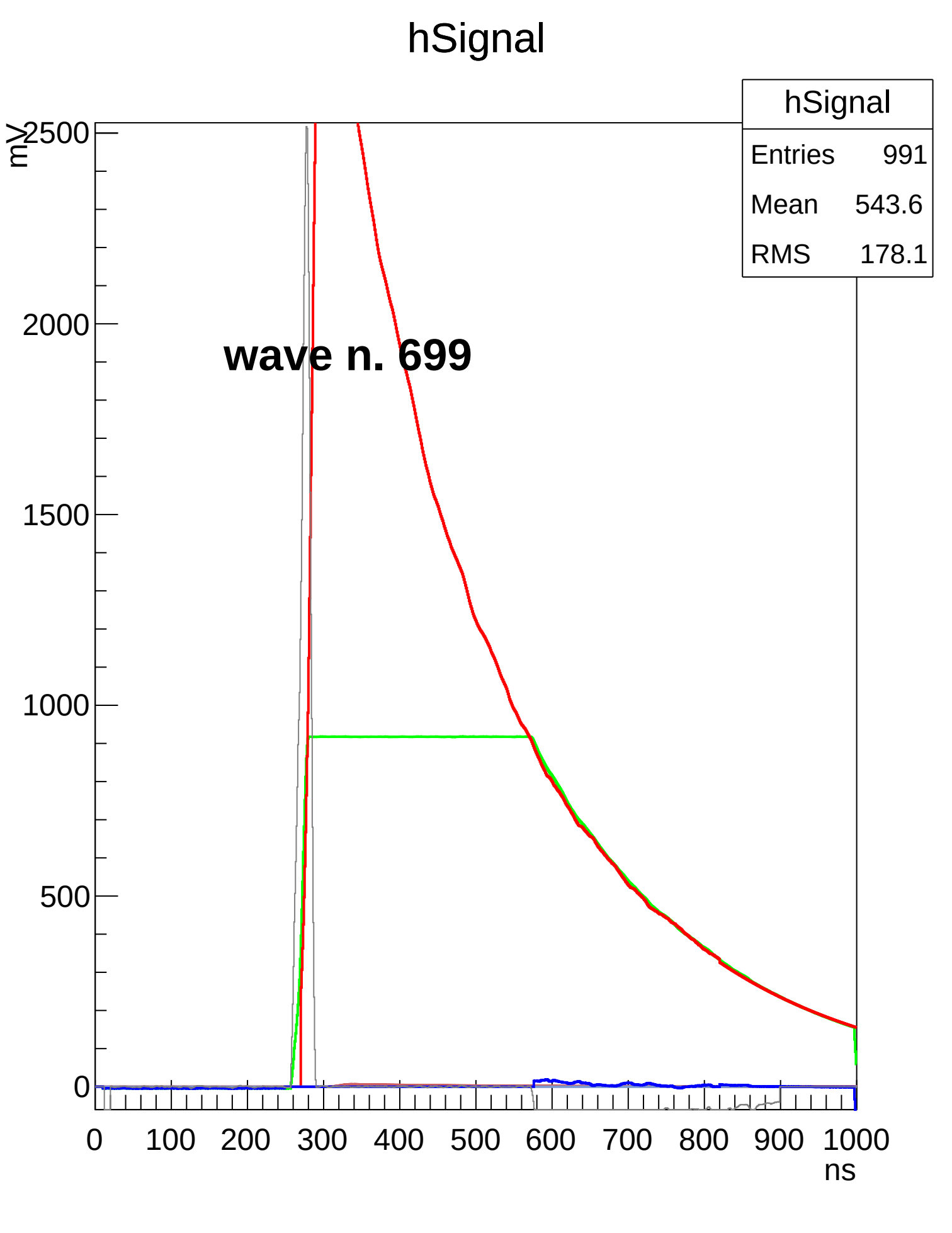
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 543.6
RMS 178.1
wave n. 699
mV
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1500
1000
500
0
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400
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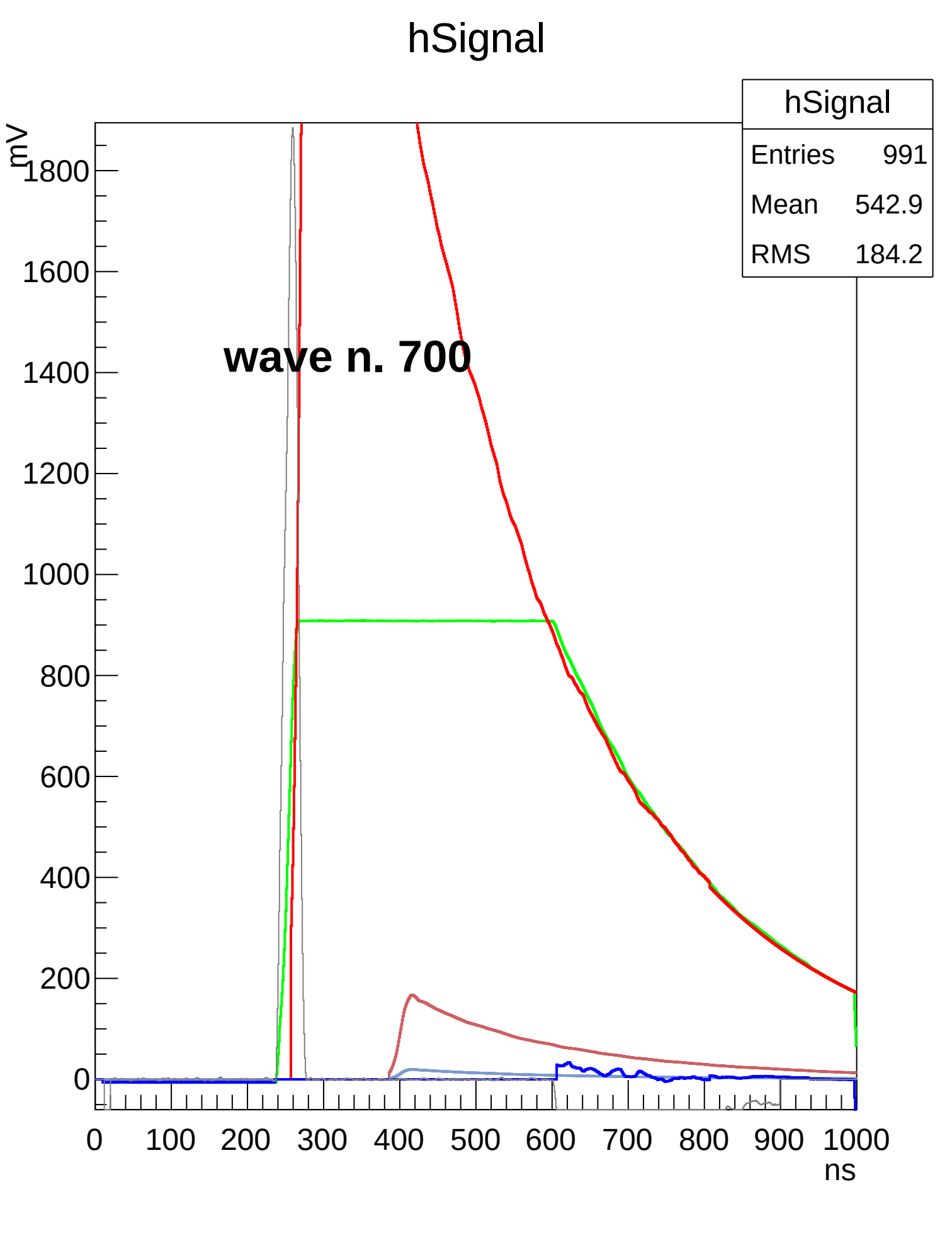
1000
ns


hSignal
hSignal
Entries 991
Mean 542.9
RMS 184.2
wave n. 700
mV
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1600
1400
1200
1000
800
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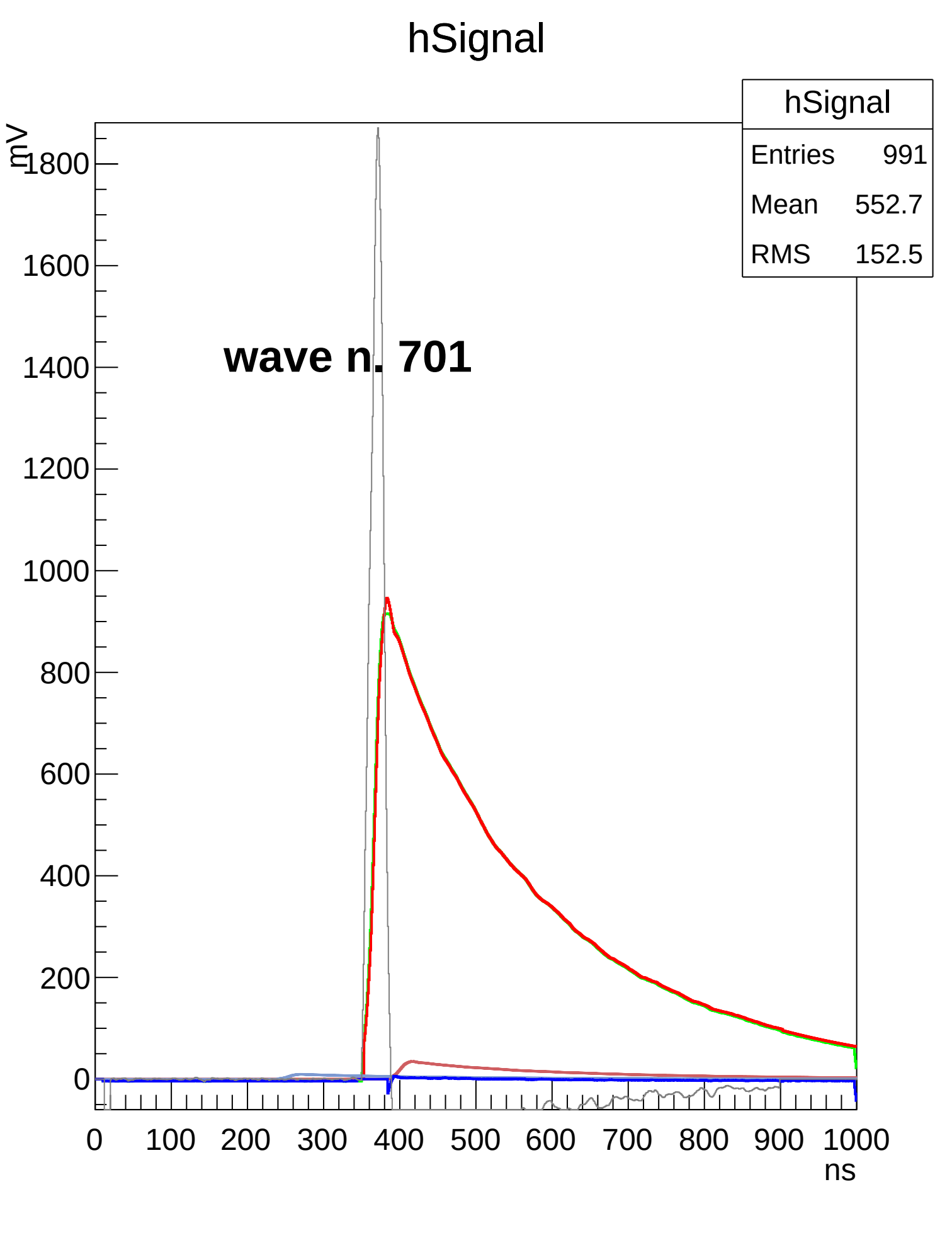
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 552.7
RMS 152.5
wave n. 701
mV
1800
1600
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600
400
200
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0
100
200
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400
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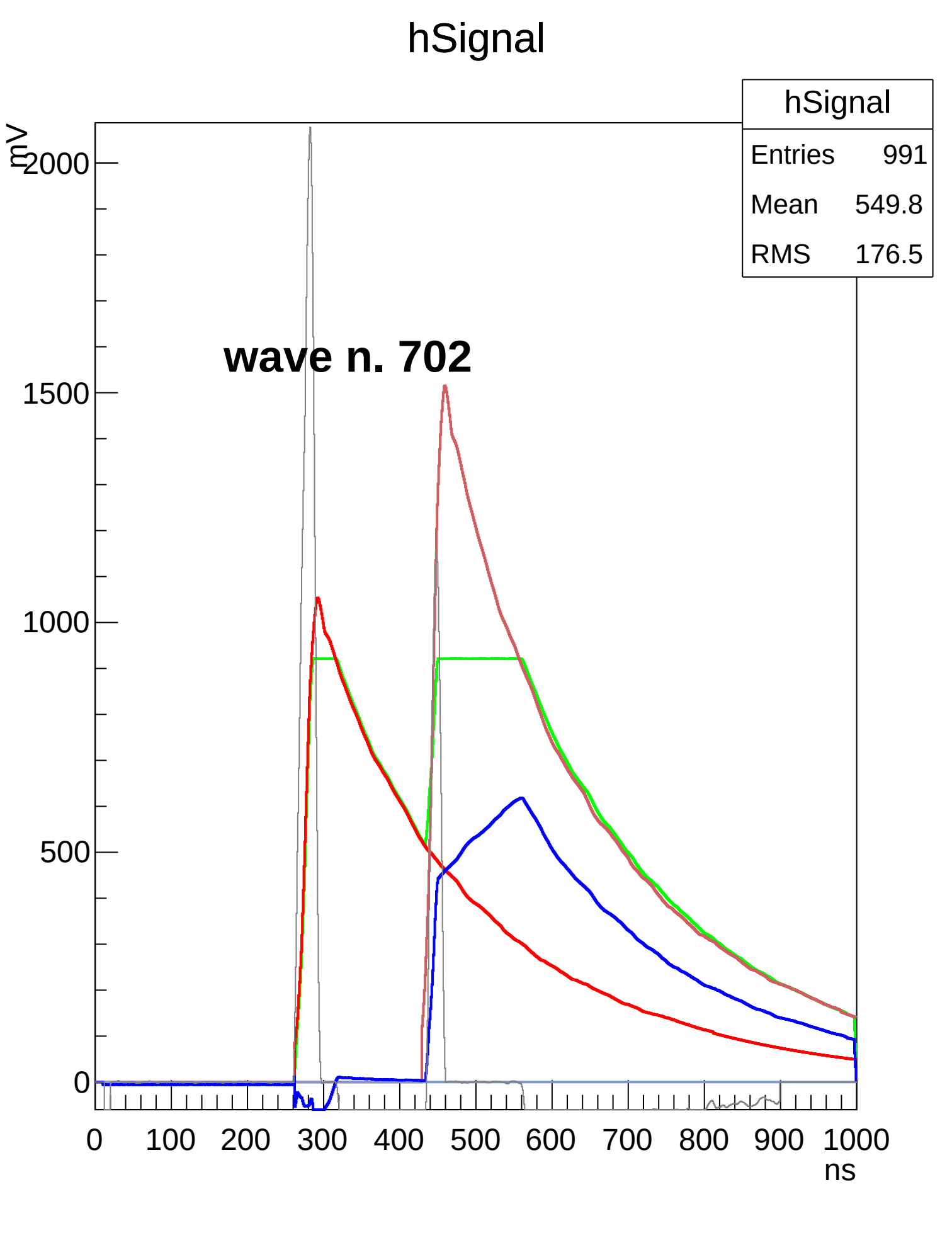
1000
ns


hSignal
hSignal
Entries 991
Mean 549.8
RMS 176.5
wave n. 702
mV
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1500
1000
500
0
0
100
200
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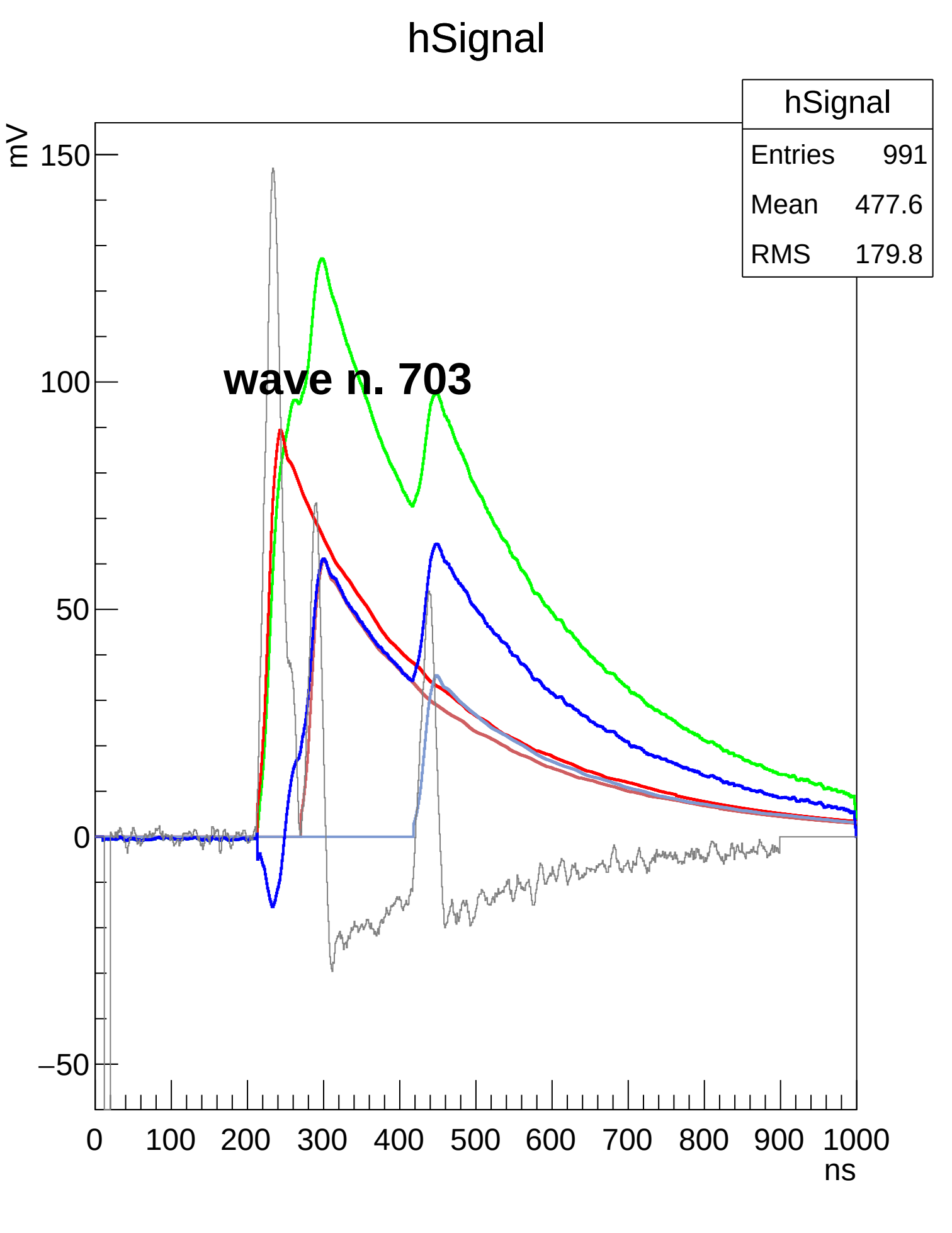
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 477.6
RMS 179.8
wave n. 703
mV
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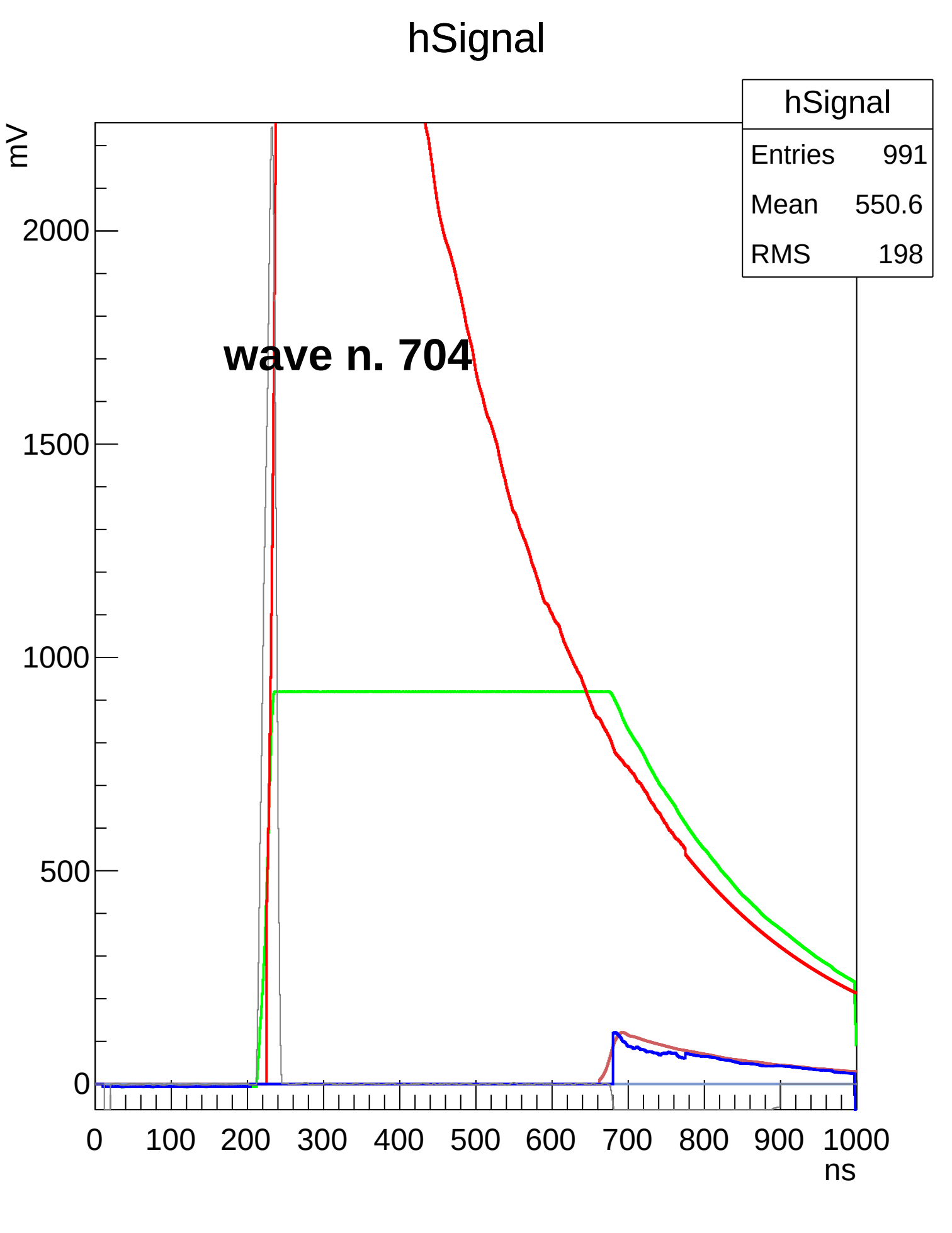
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.6
RMS 198
wave n. 704
mV
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1000
500
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800
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1000
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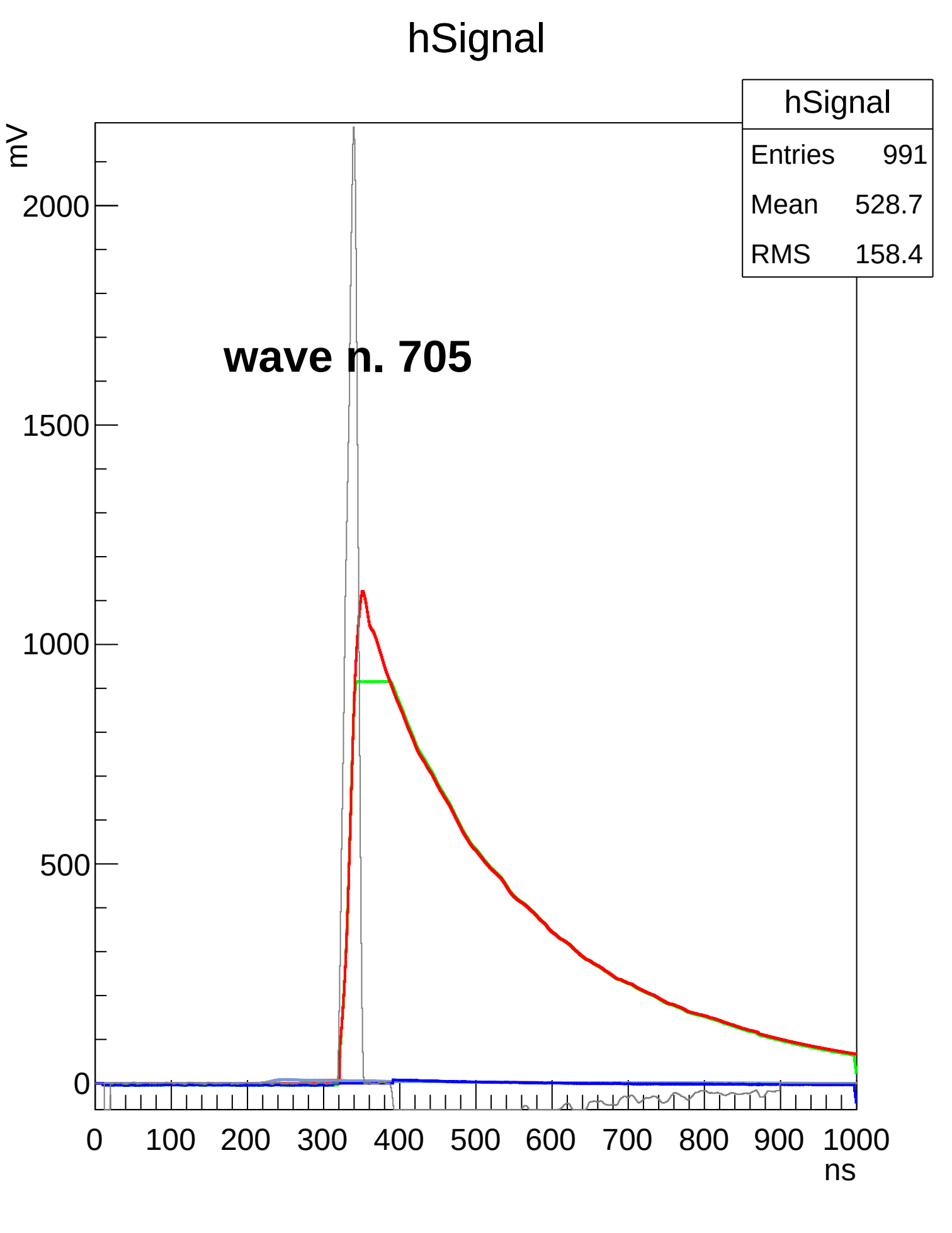
hSignal
hSignal
Entries 991
Mean 528.7
RMS 158.4
wave n. 705
mV
2000
1500
1000
500
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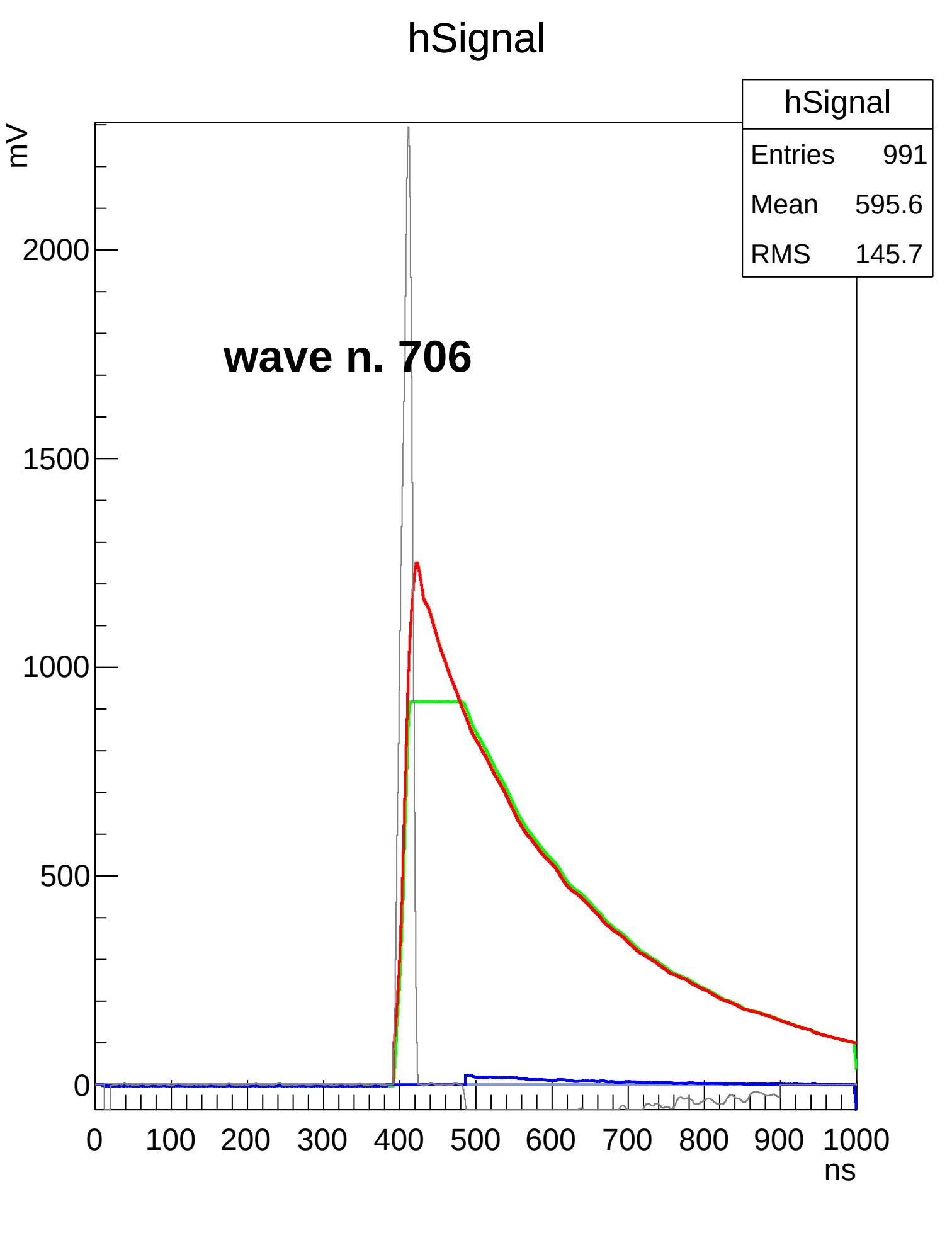
ns


hSignal
hSignal
Entries 991
Mean 595.6
RMS 145.7
wave n. 706
mV
2000
1500
1000
500
0
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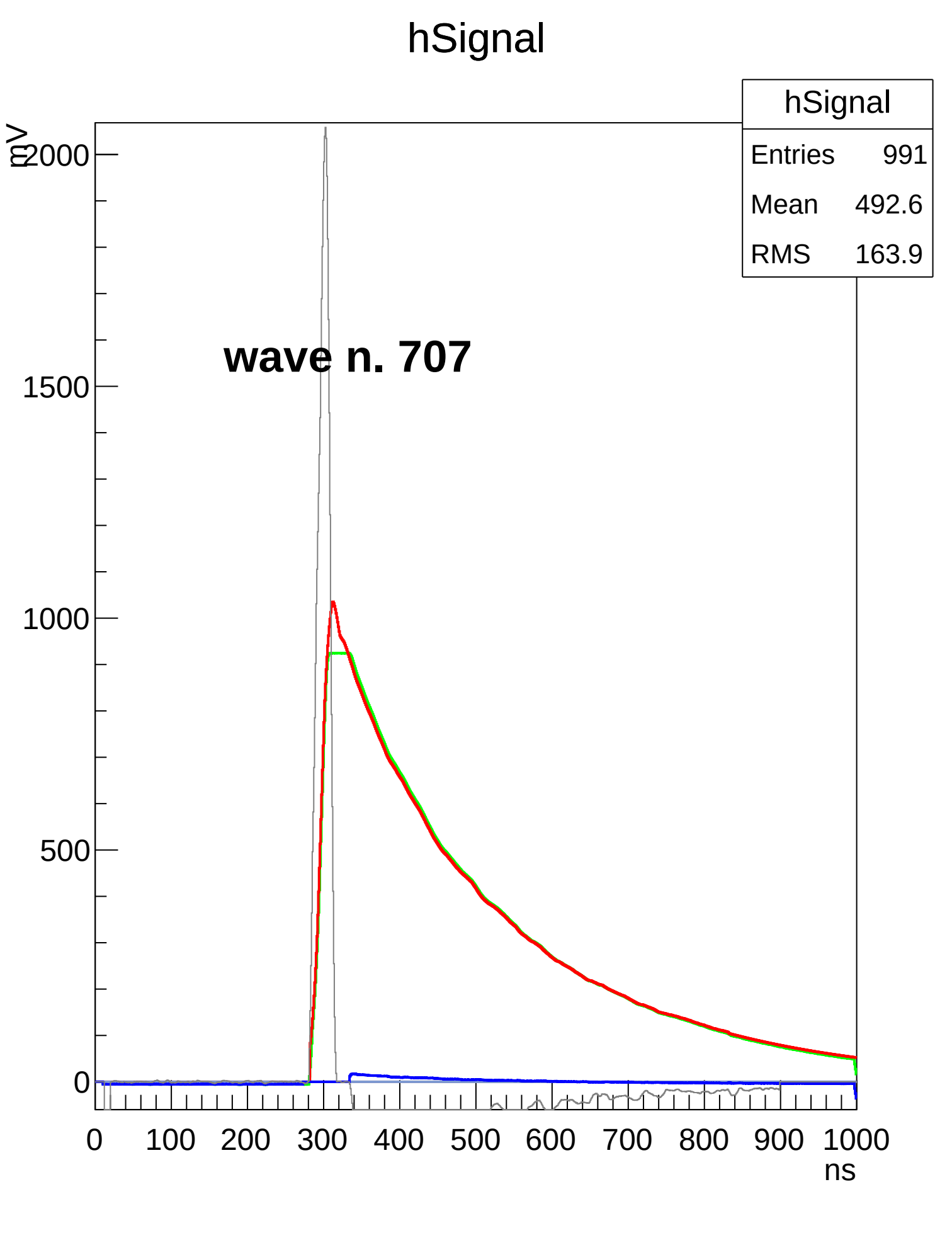
ns


hSignal
hSignal
Entries 991
Mean 492.6
RMS 163.9
wave n. 707
mV
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1500
1000
500
0
0
100
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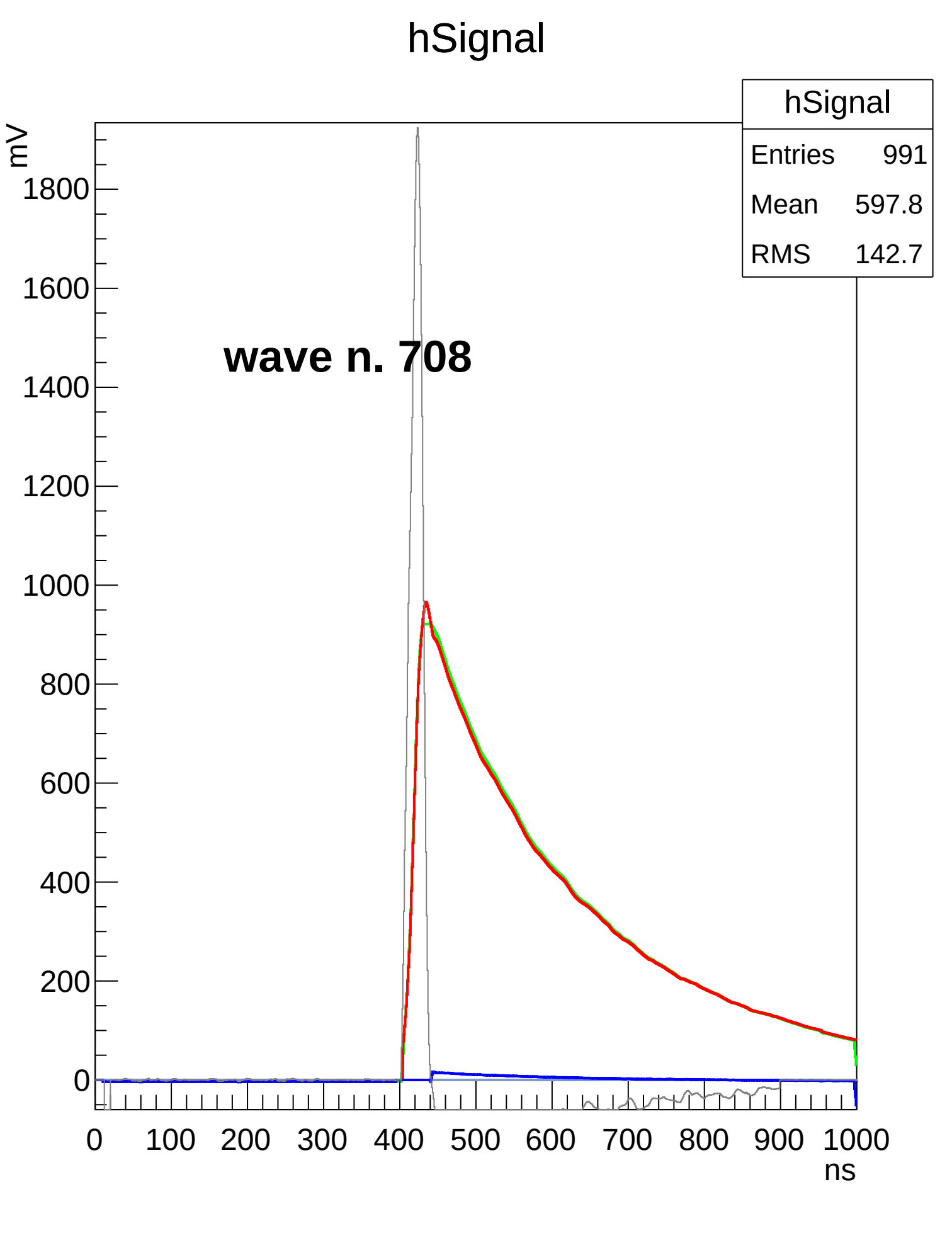
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597.8
RMS 142.7
wave n. 708
mV
1800
1600
1400
1200
1000
800
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400
200
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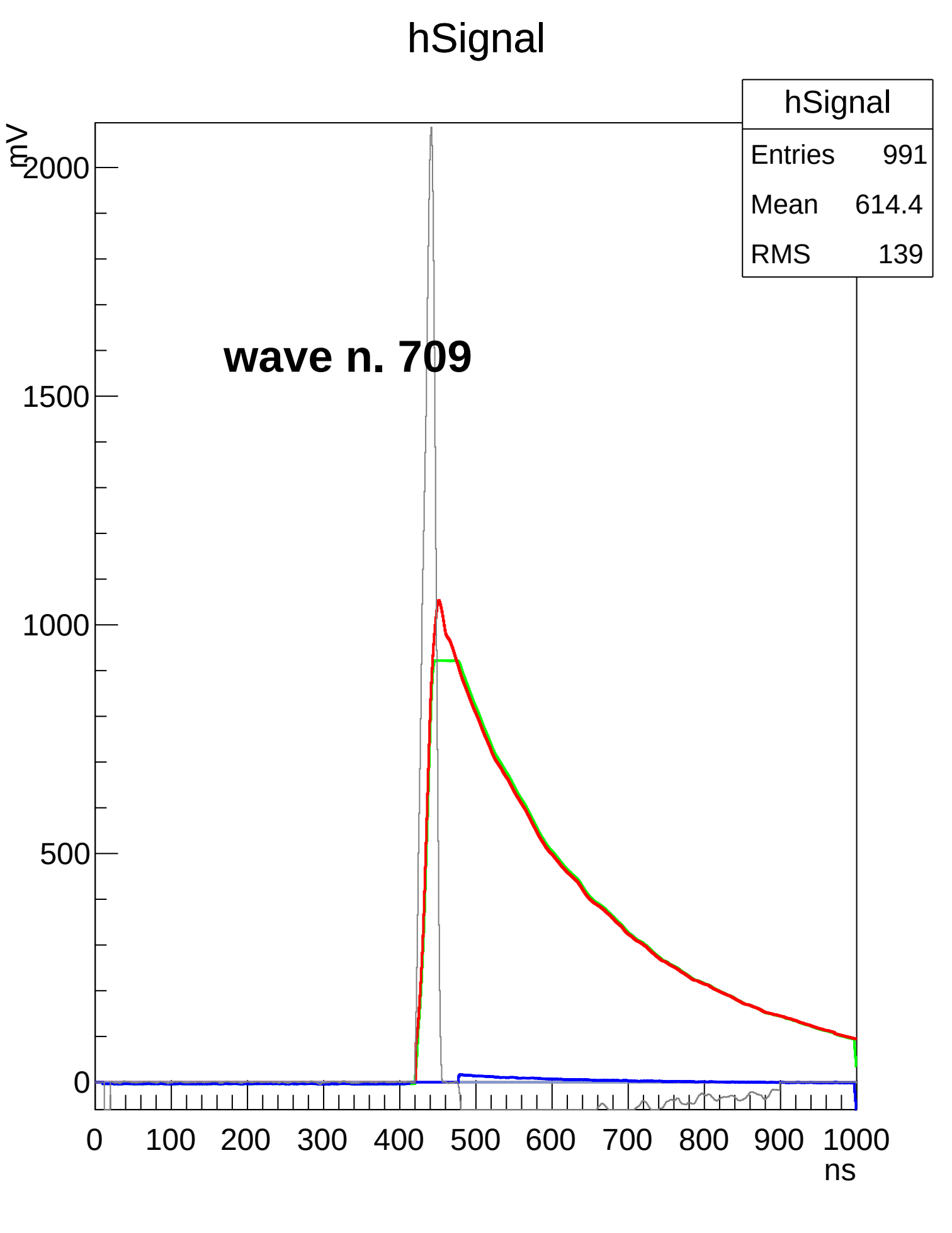
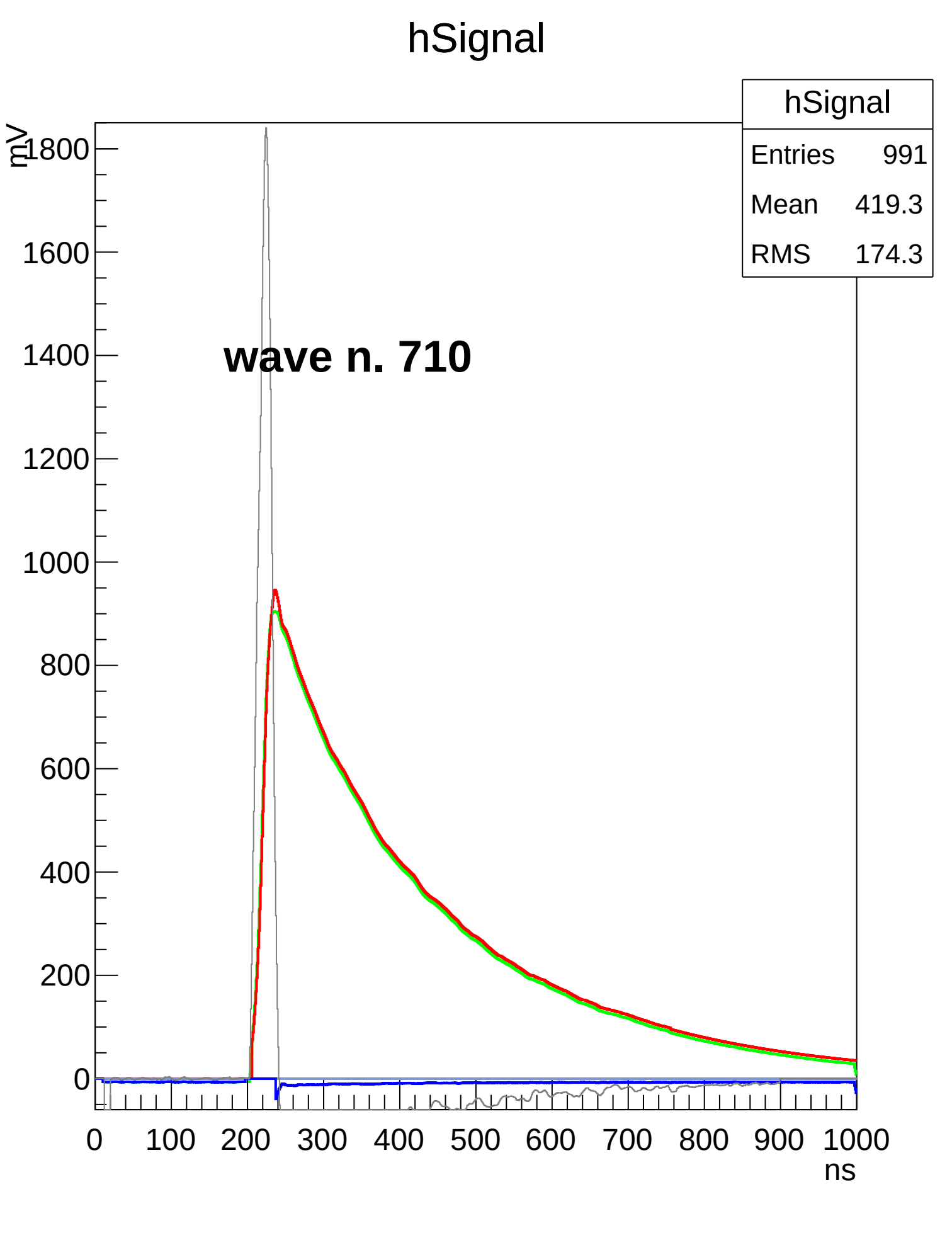
ns


hSignal
hSignal
Entries 991
Mean 614.4
RMS 139
wave n. 709
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 419.3
RMS 174.3
wave n. 710
mV
1800
1600
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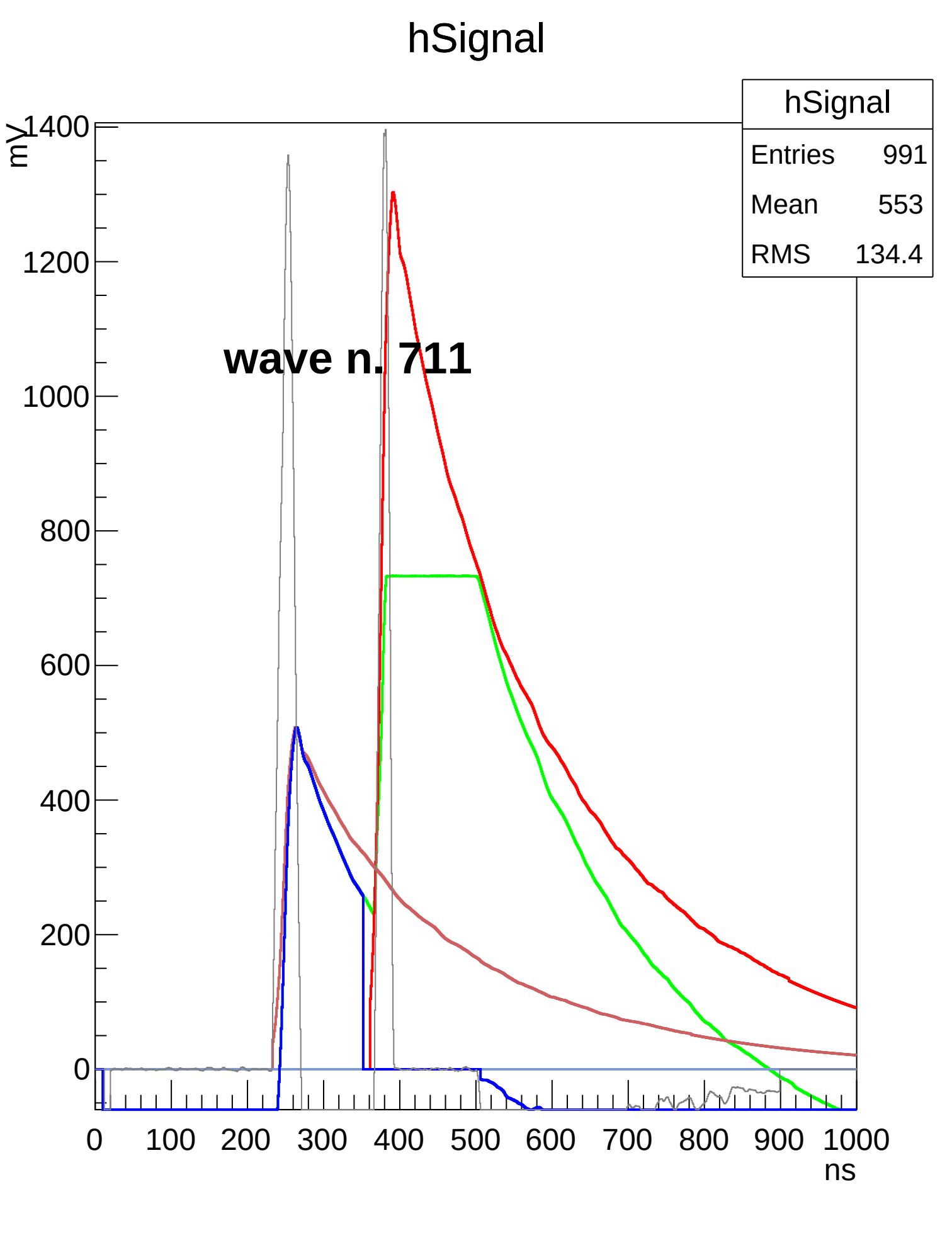
1000
ns


hSignal
hSignal
Entries 991
Mean 553
RMS 134.4
wave n. 711
mV
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400
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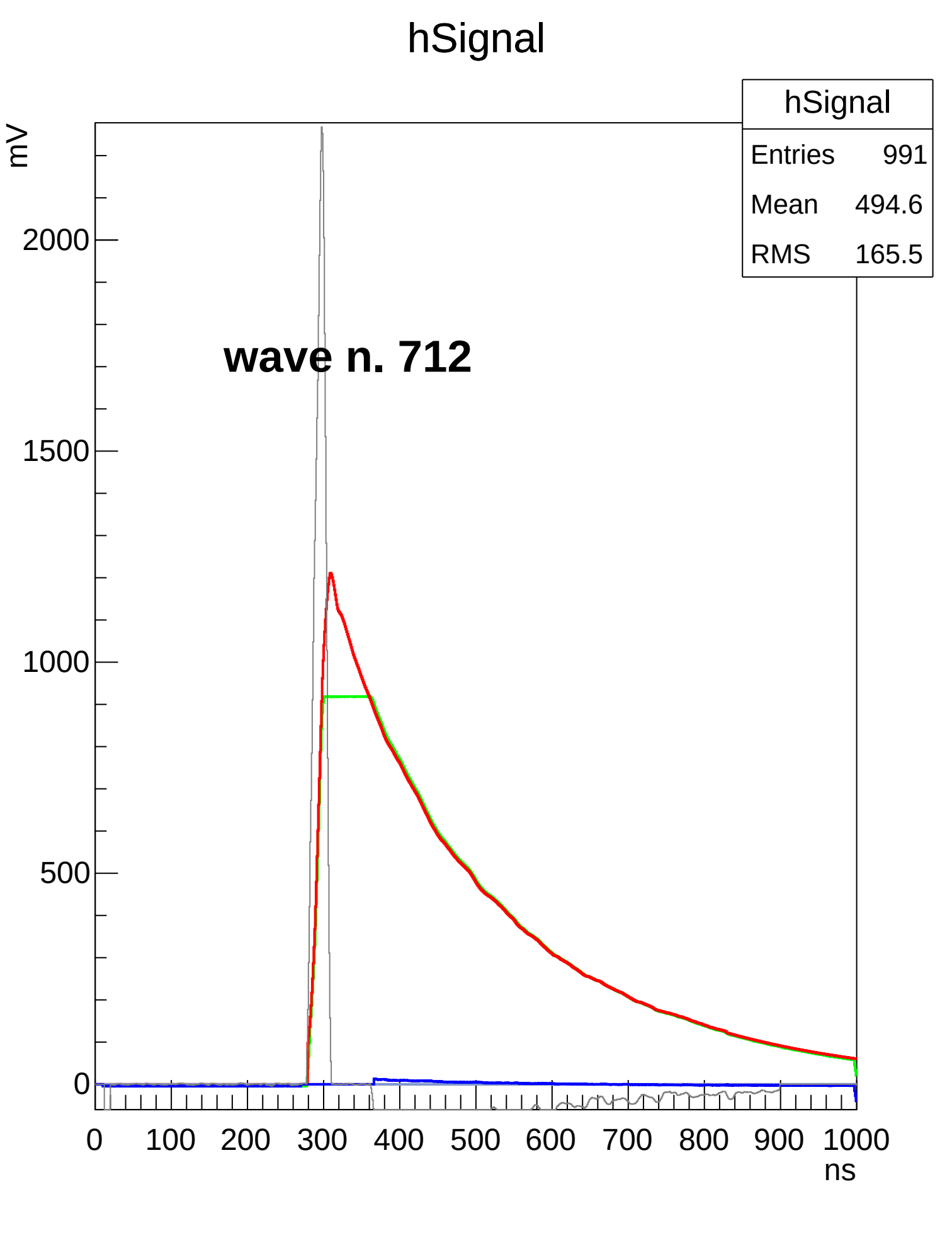
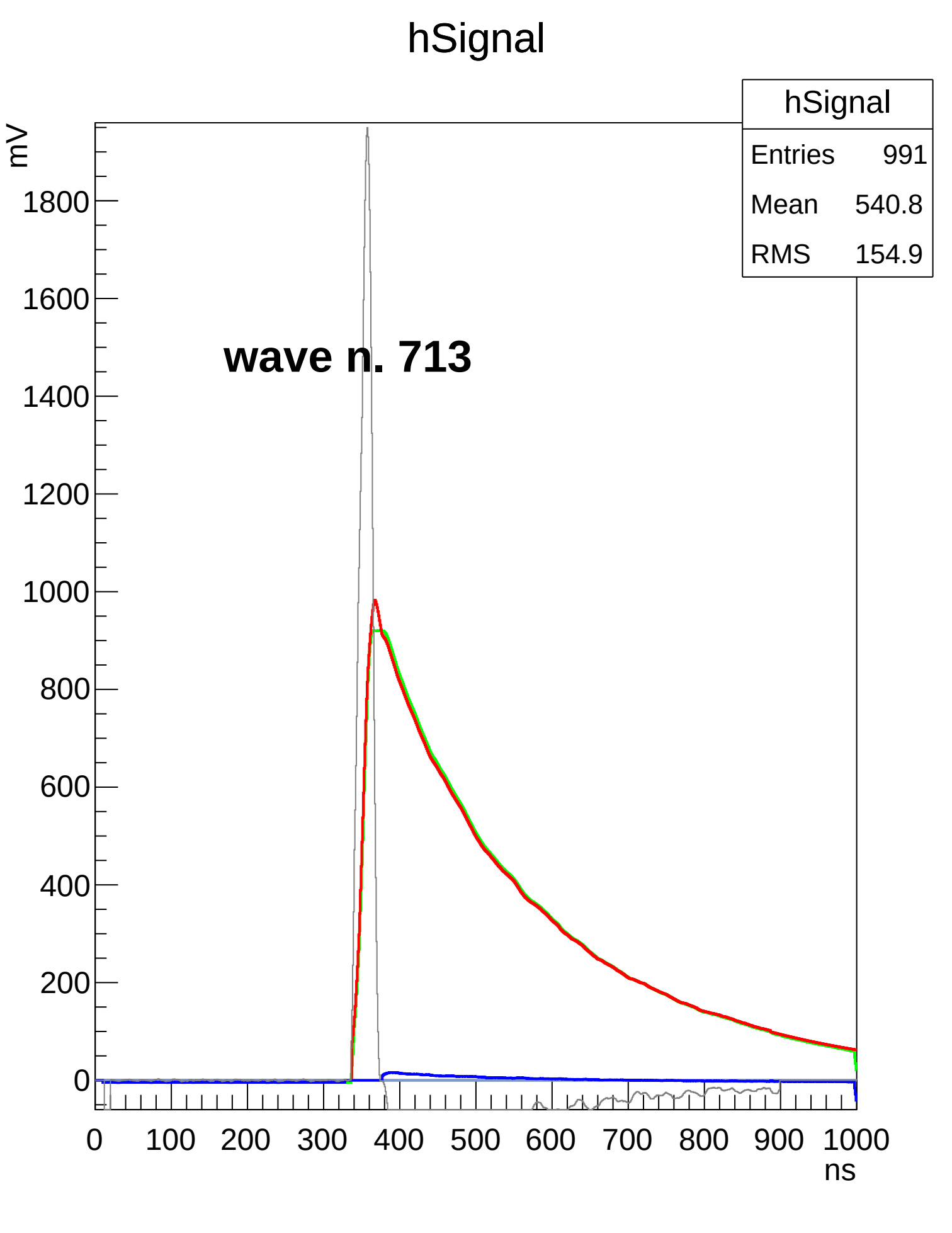
1000
ns


hSignal
hSignal
Entries 991
Mean 494.6
RMS 165.5
wave n. 712
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 540.8
RMS 154.9
wave n. 713
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
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400
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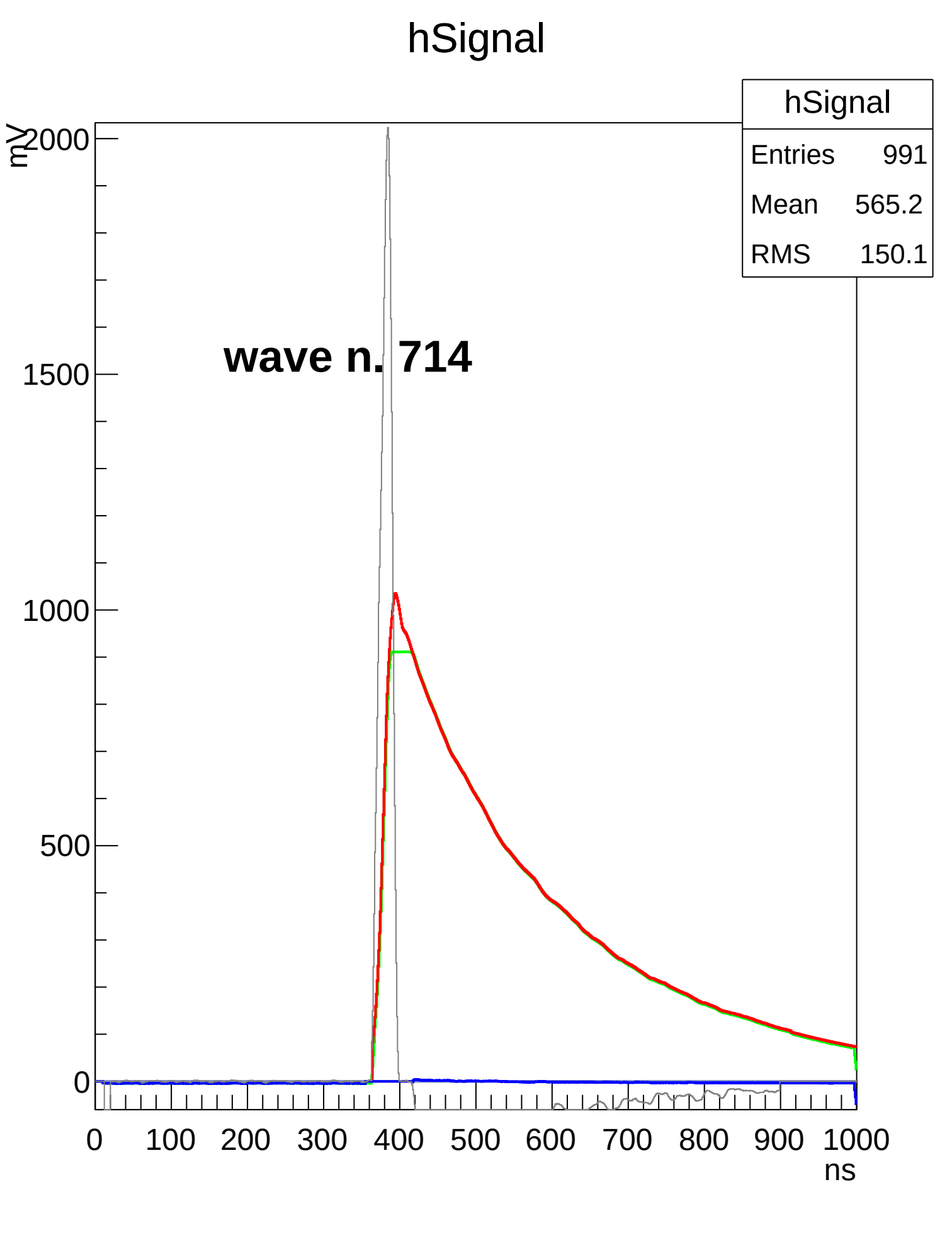
1000
ns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Entries 991
Mean 565.2
RMS 150.1
wave n. 714
mV
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0
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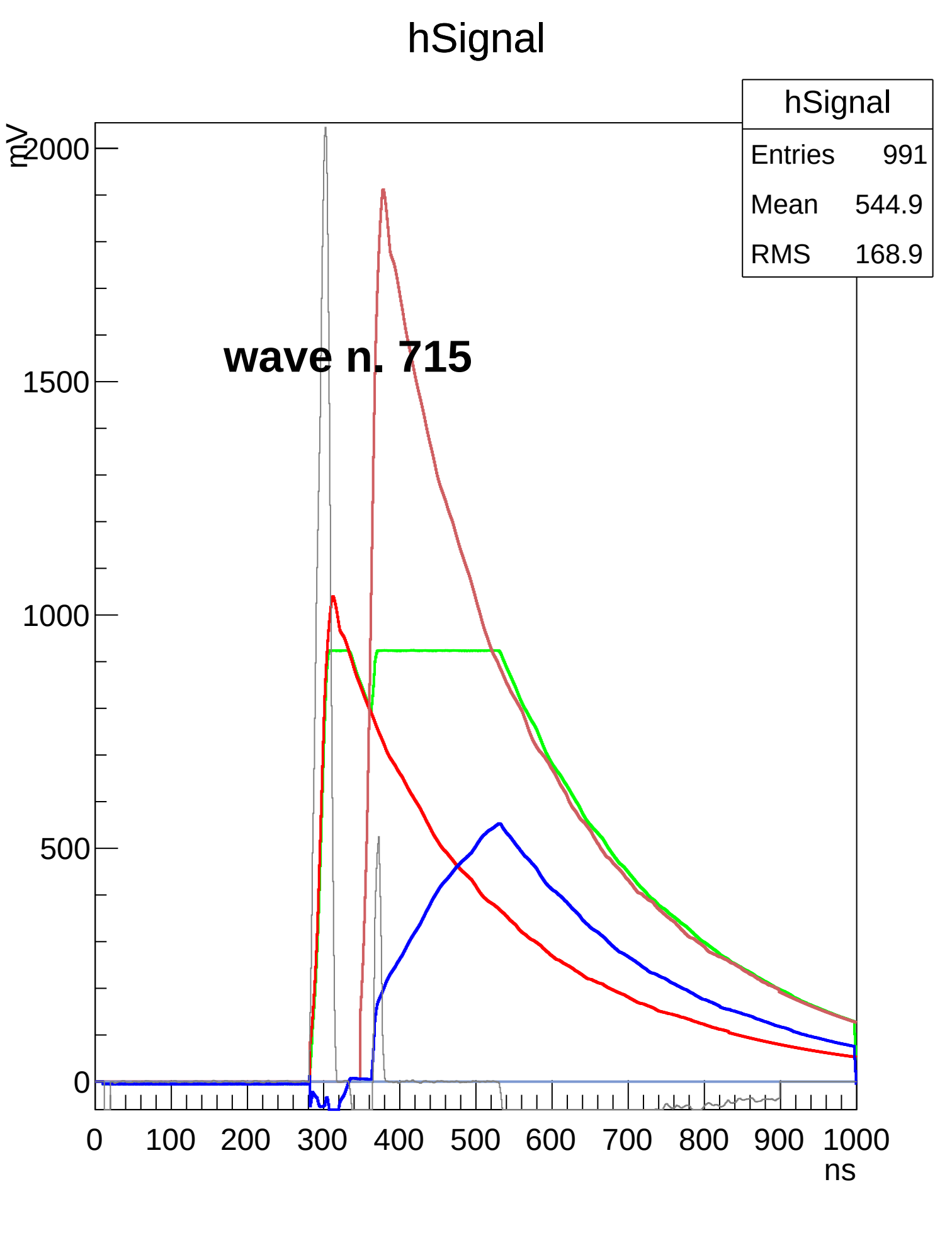
1000
ns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Entries 991
Mean 544.9
RMS 168.9
wave n. 715
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0
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1000
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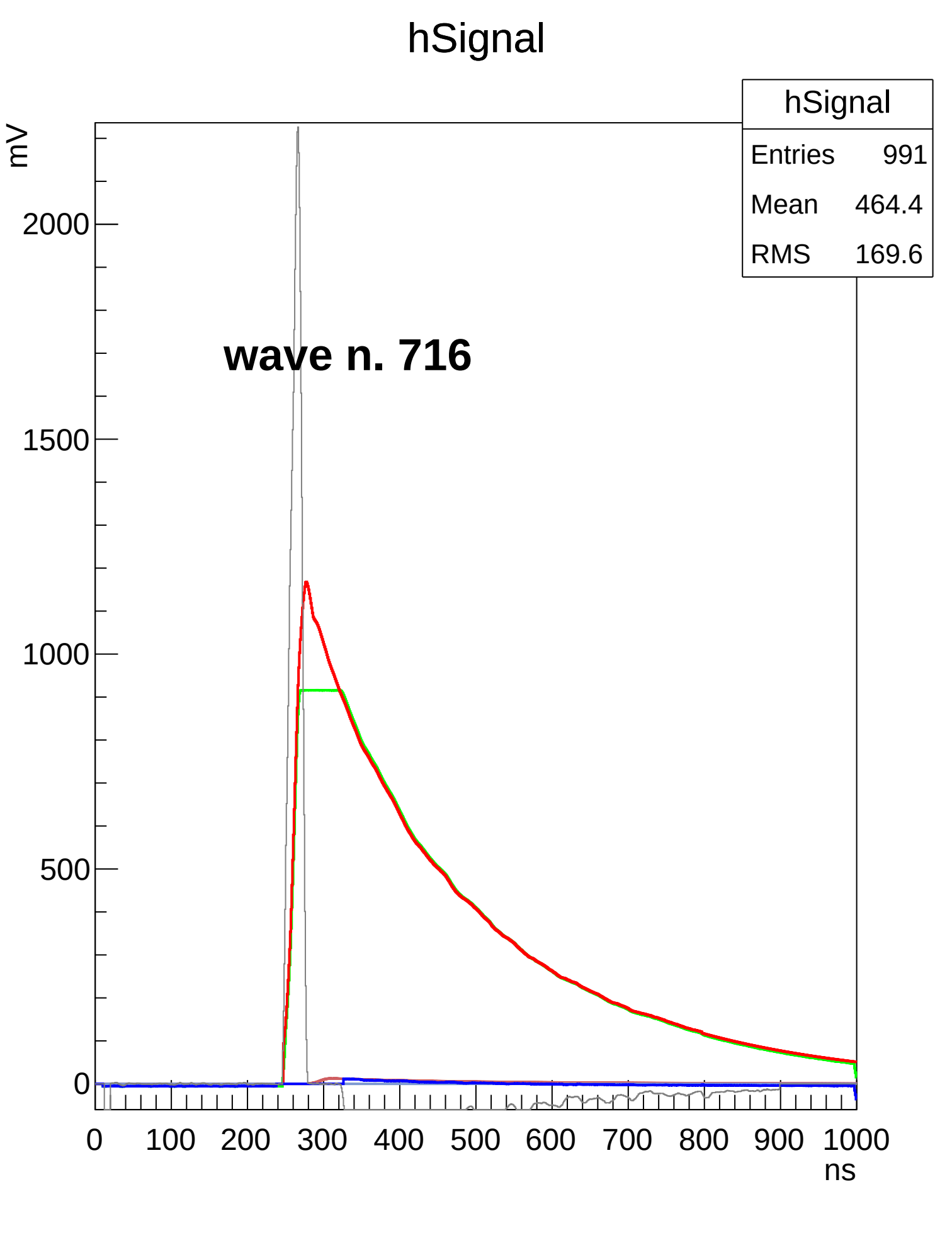
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Entries 991
Mean 464.4
RMS 169.6
wave n. 716
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0
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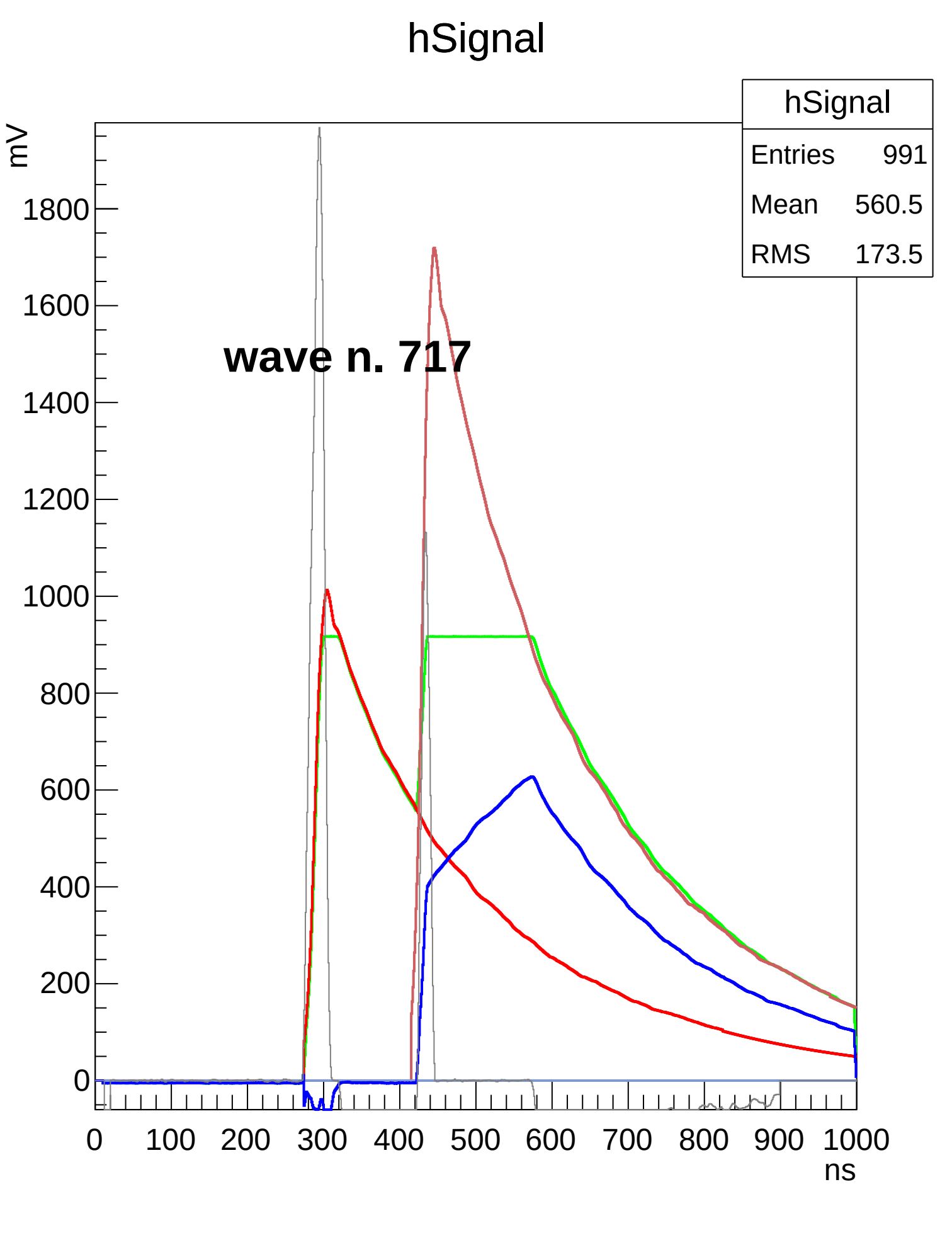
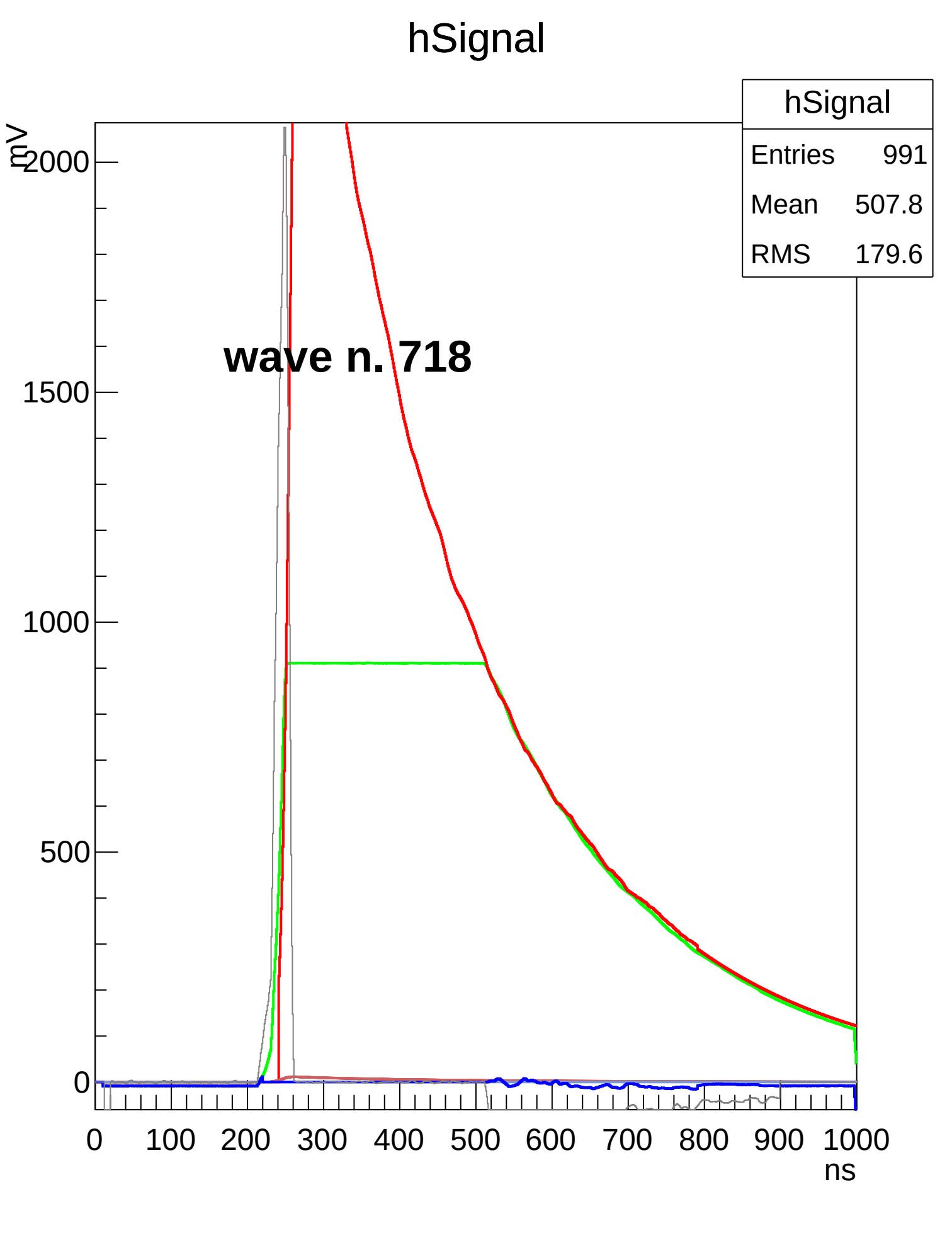
1000
ns


hSignal
hSignal
Entries 991
Mean 560.5
RMS 173.5
wave n. 717
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 507.8
RMS 179.6
wave n. 718
mV
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0
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400
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1000
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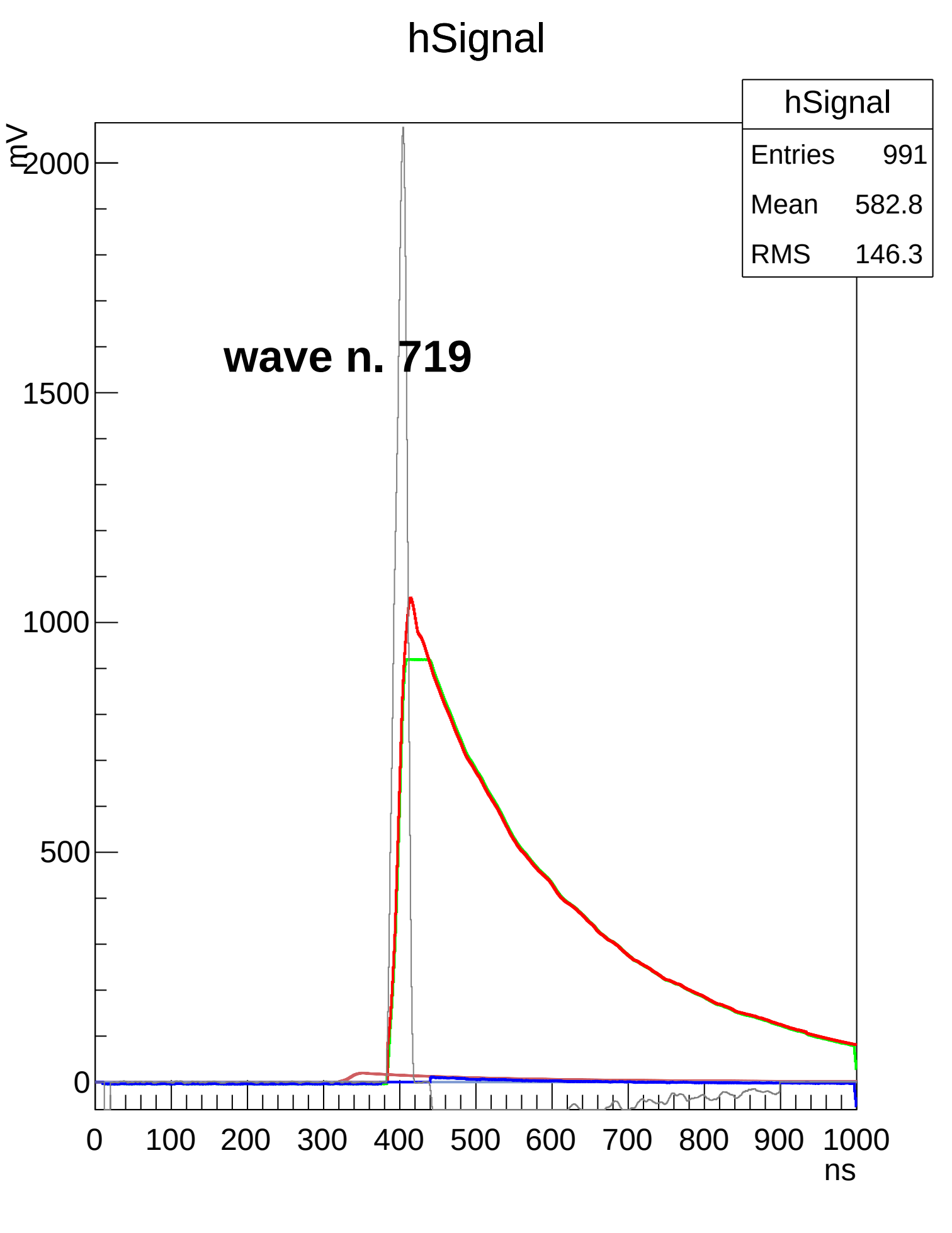
hSignal
hSignal
Entries 991
Mean 582.8
RMS 146.3
wave n. 719
mV
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1000
500
0
0
100
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400
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1000
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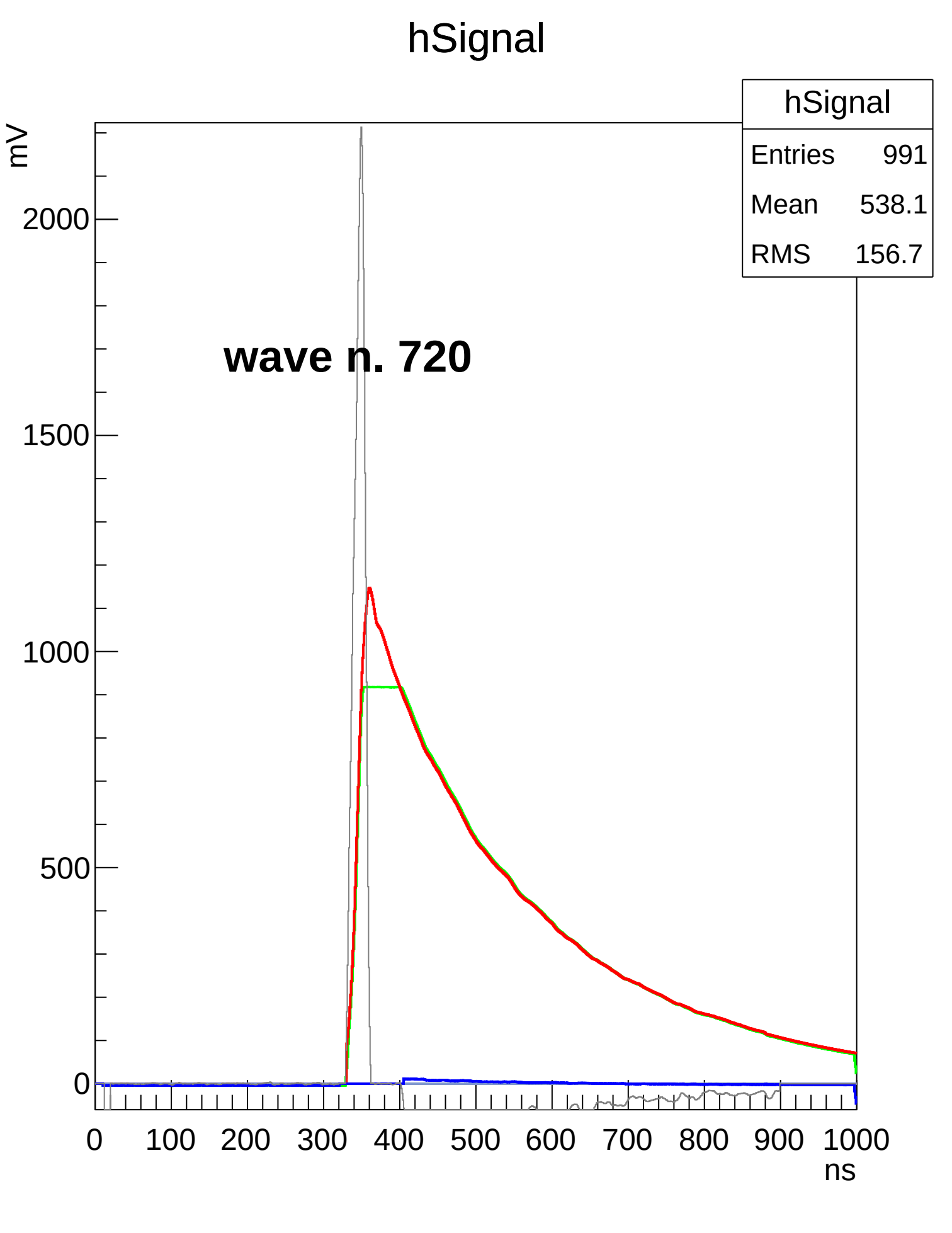
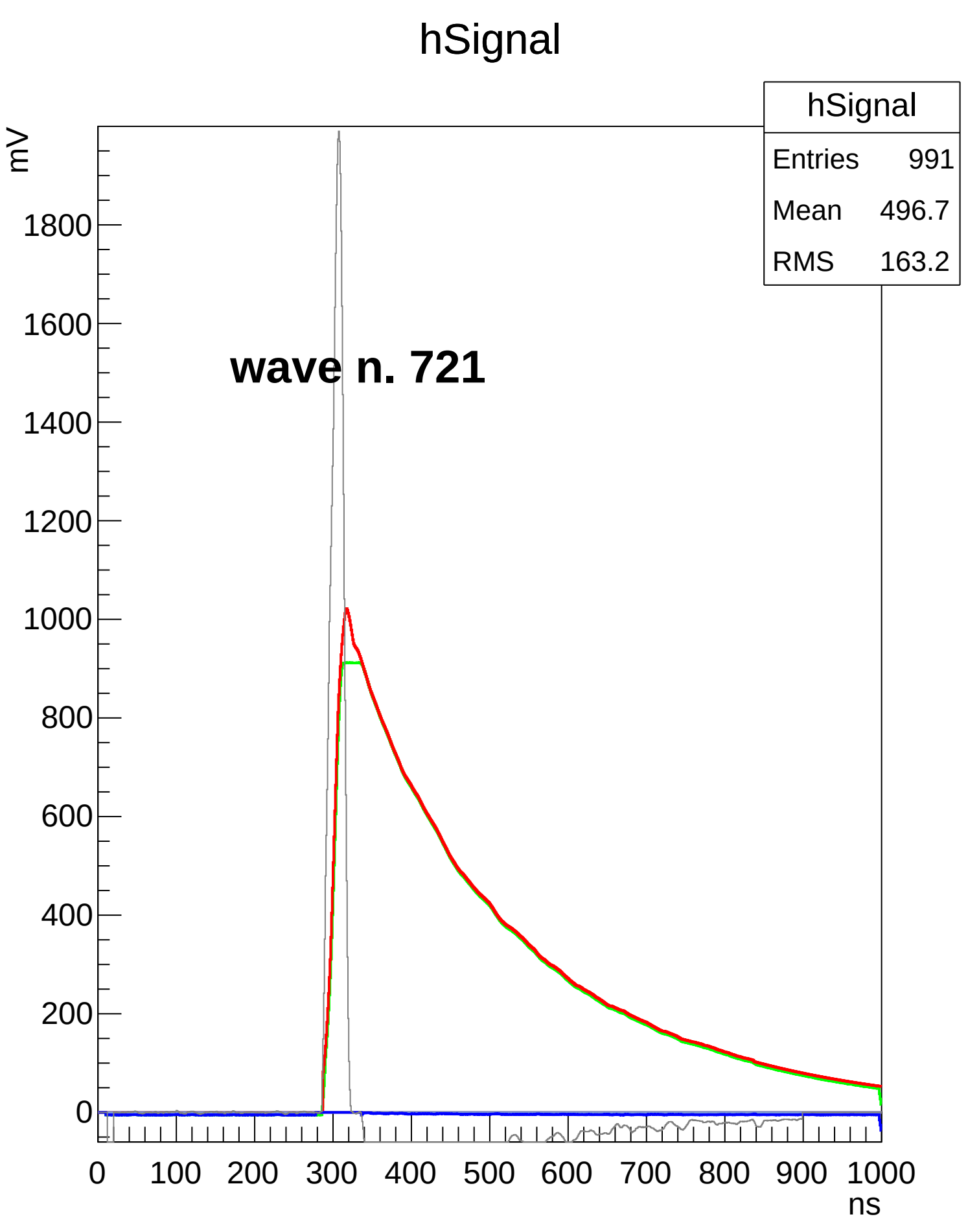

hSignal
hSignal
Entries 991
Mean 538.1
RMS 156.7
wave n. 720
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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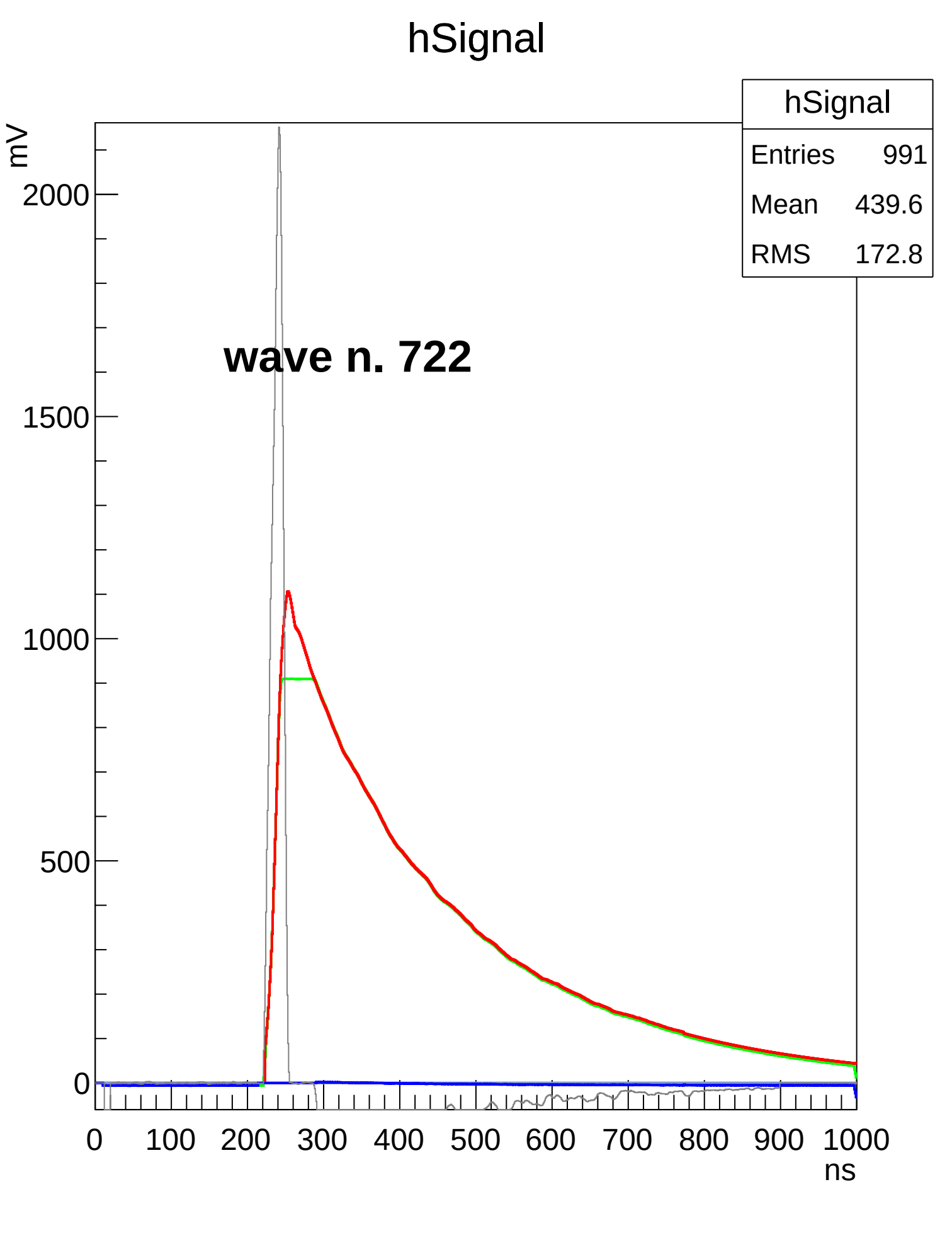
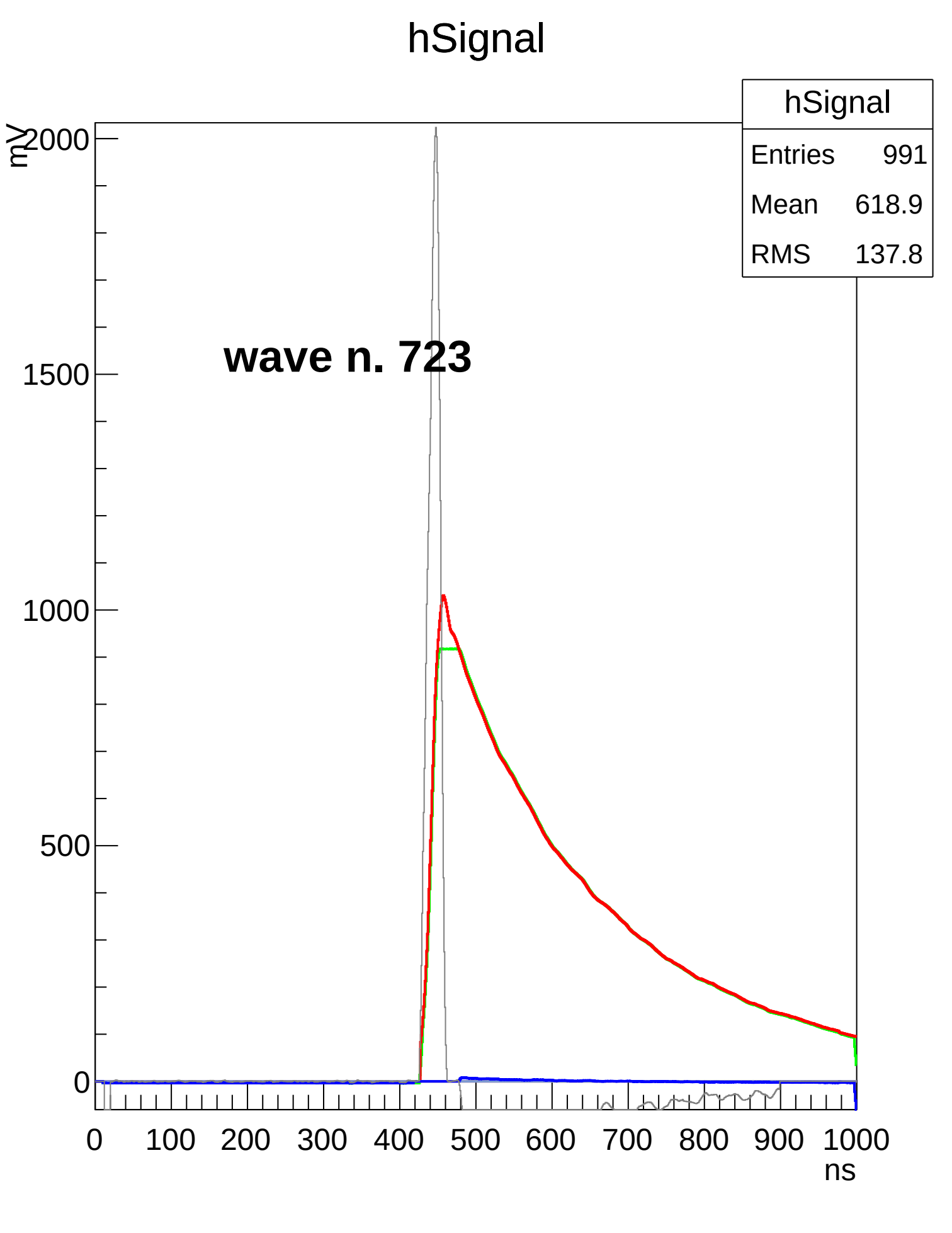
hSignal
Entries 991
Mean 496.7
RMS 163.2
wave n. 721
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 439.6
RMS 172.8
wave n. 722
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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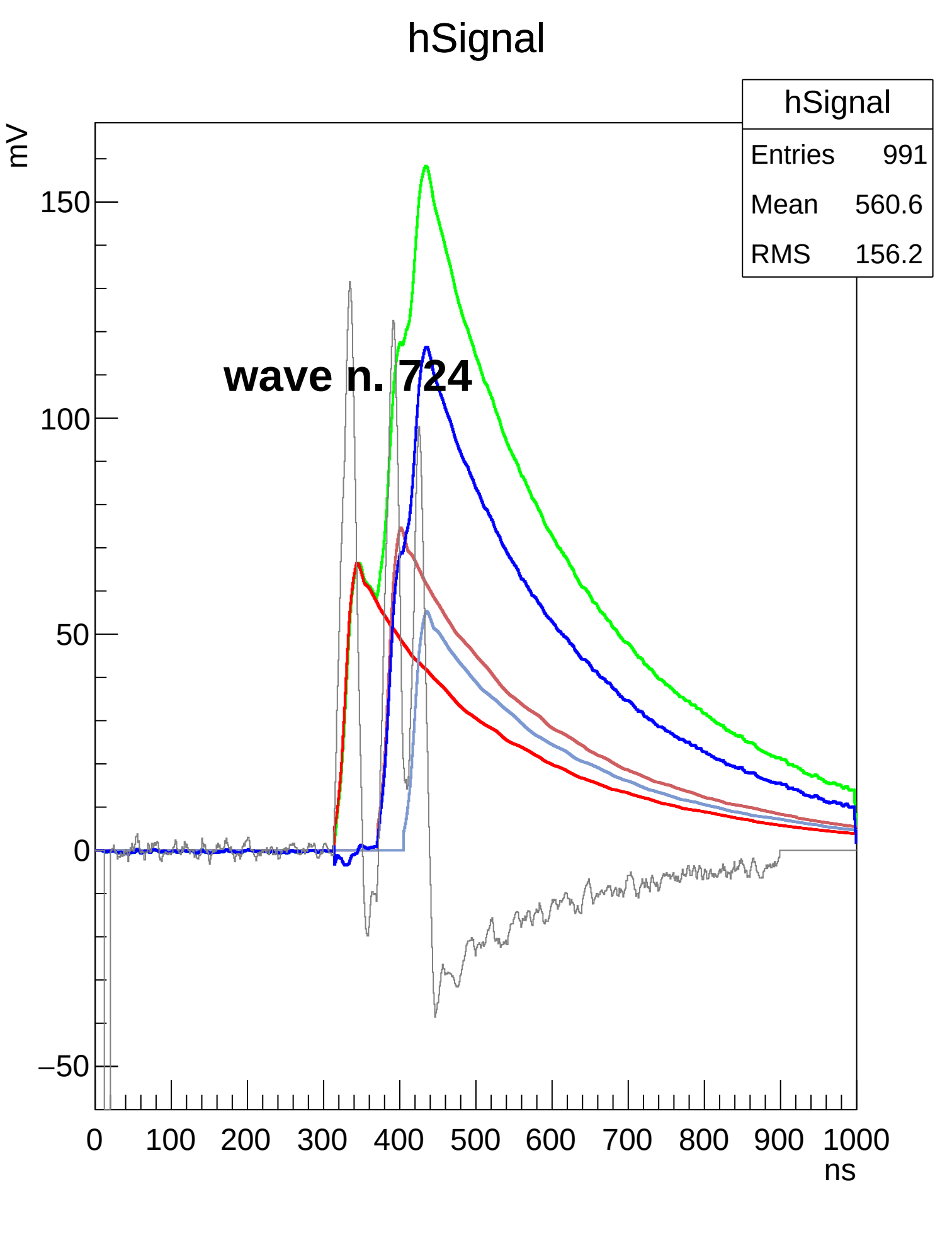
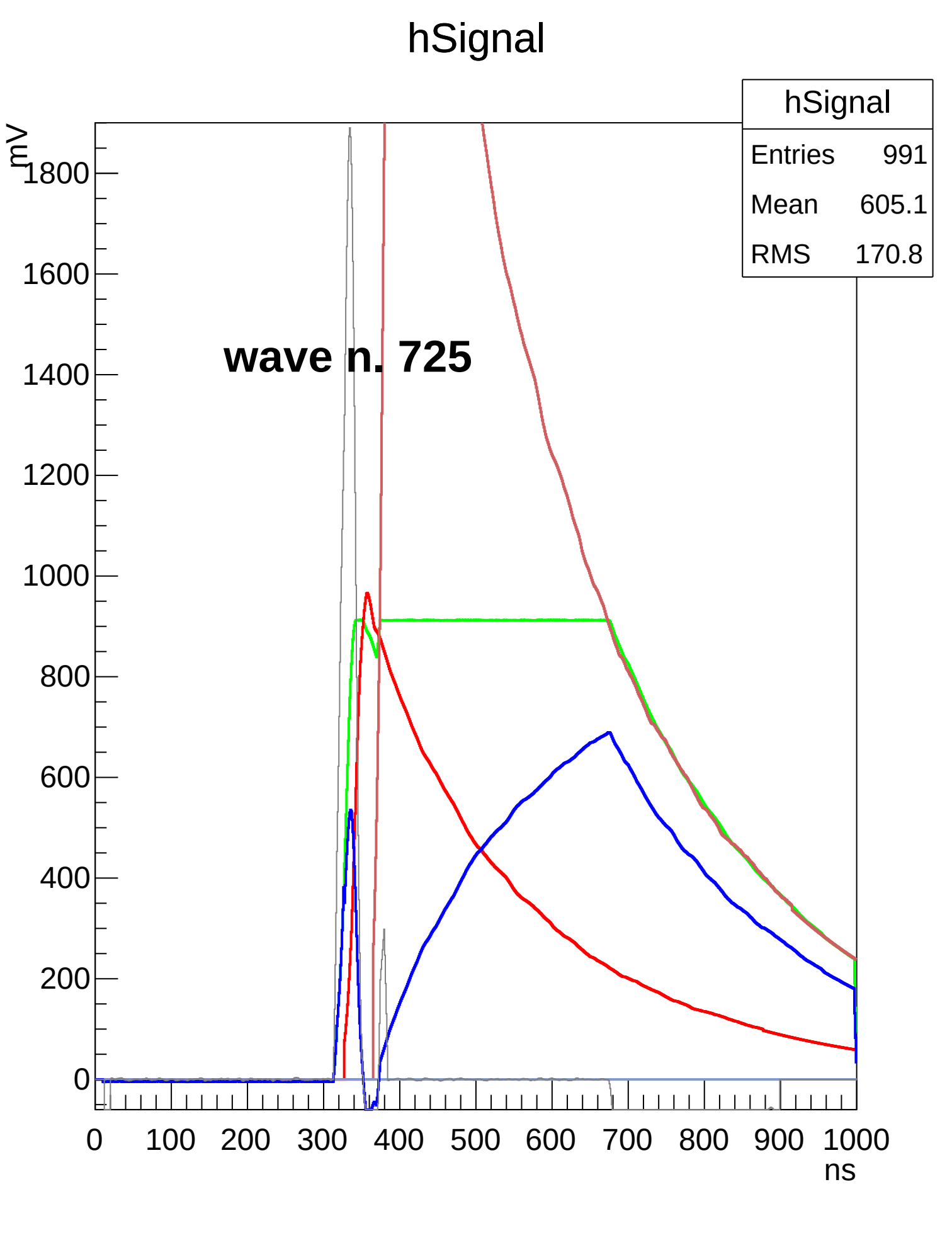
hSignal
Entries 991
Mean 618.9
RMS 137.8
wave n. 723
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.6
RMS 156.2
wave n. 724
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns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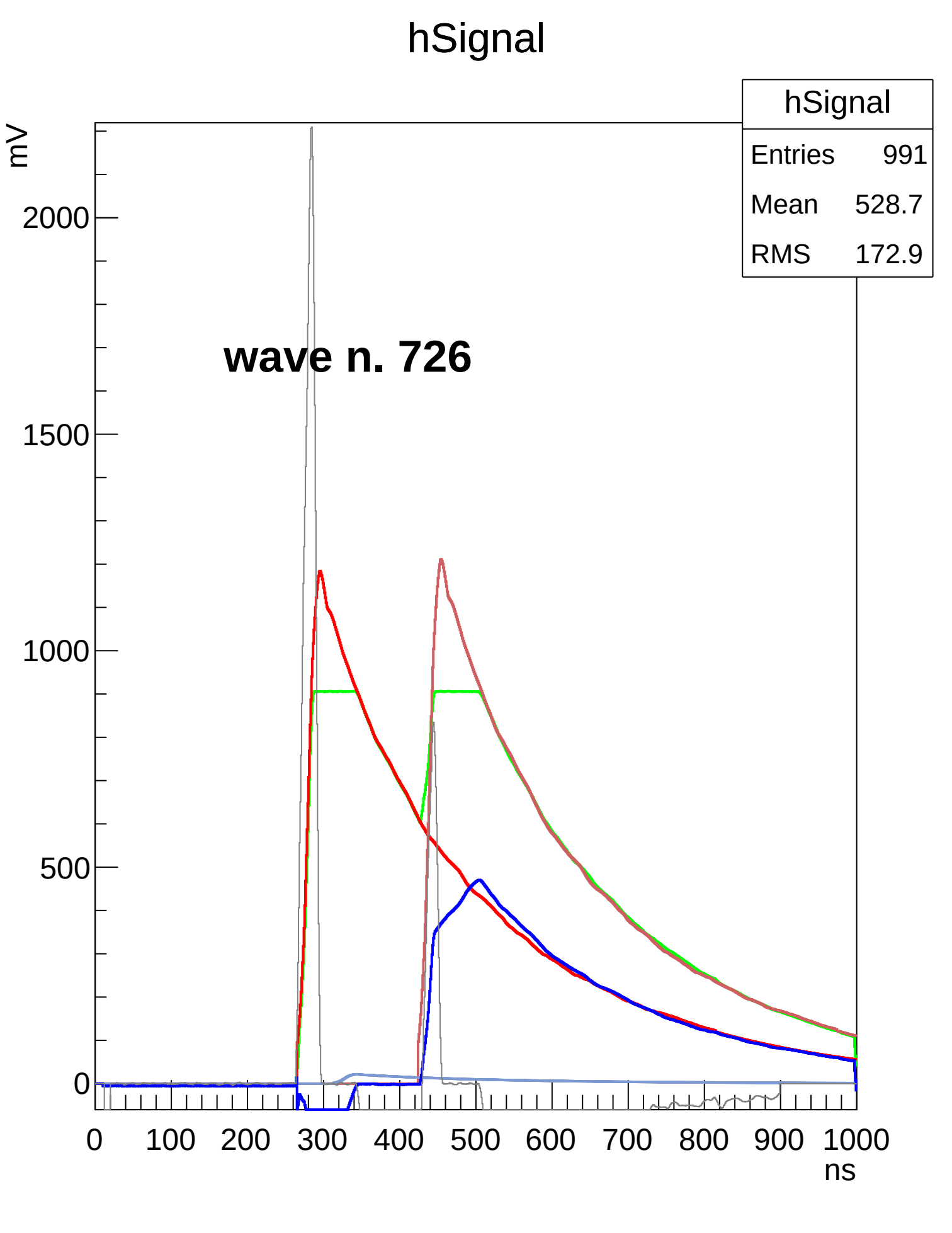
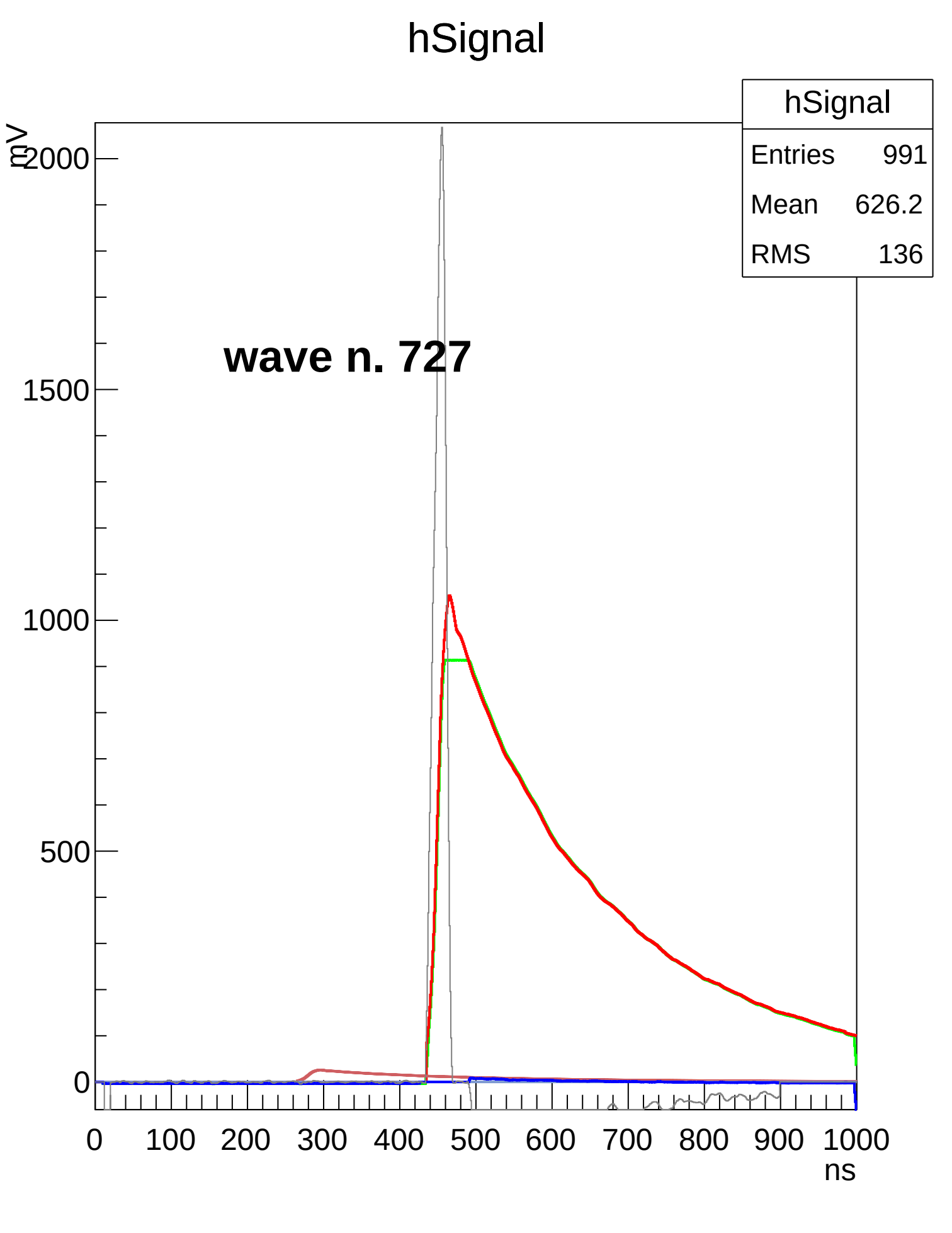
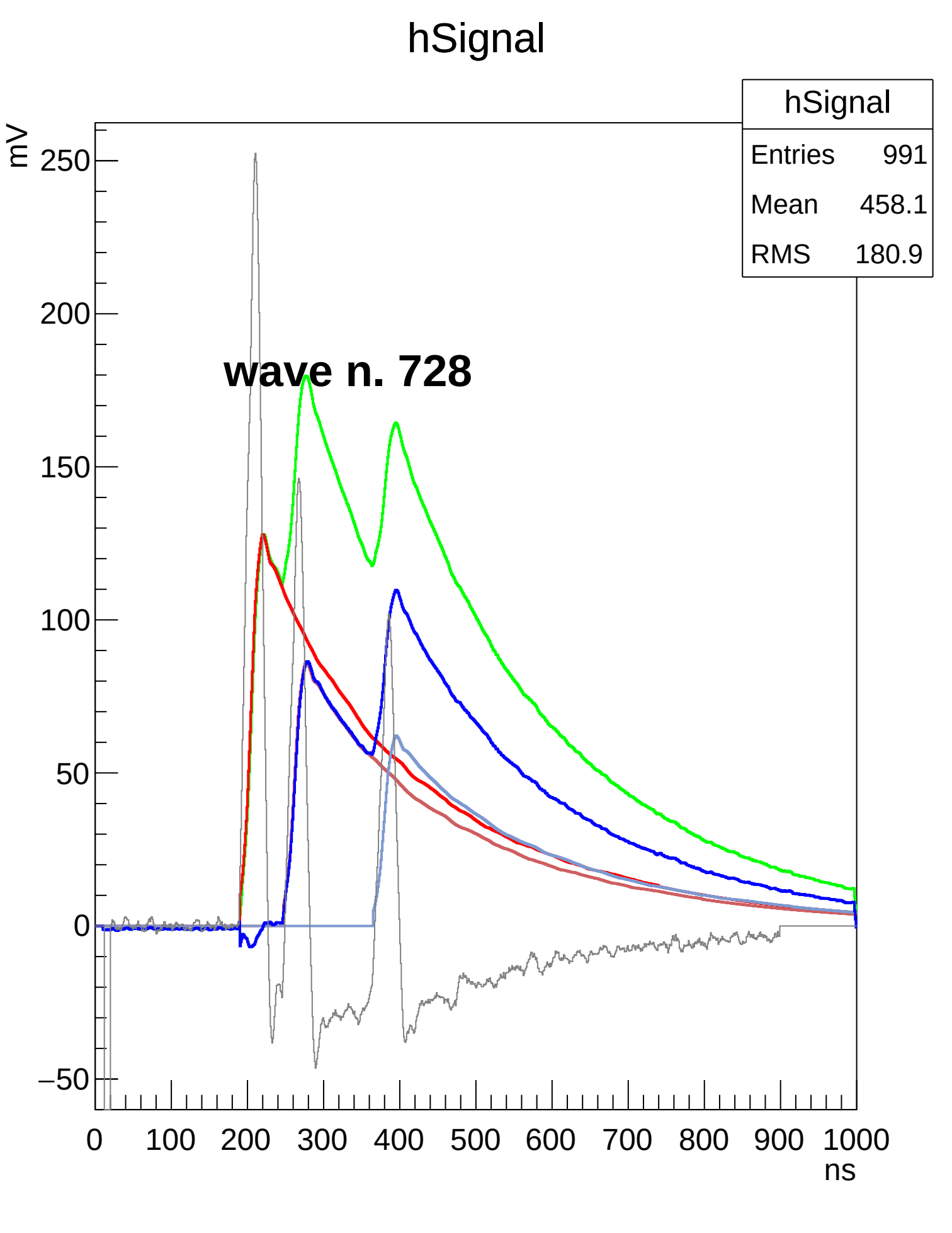
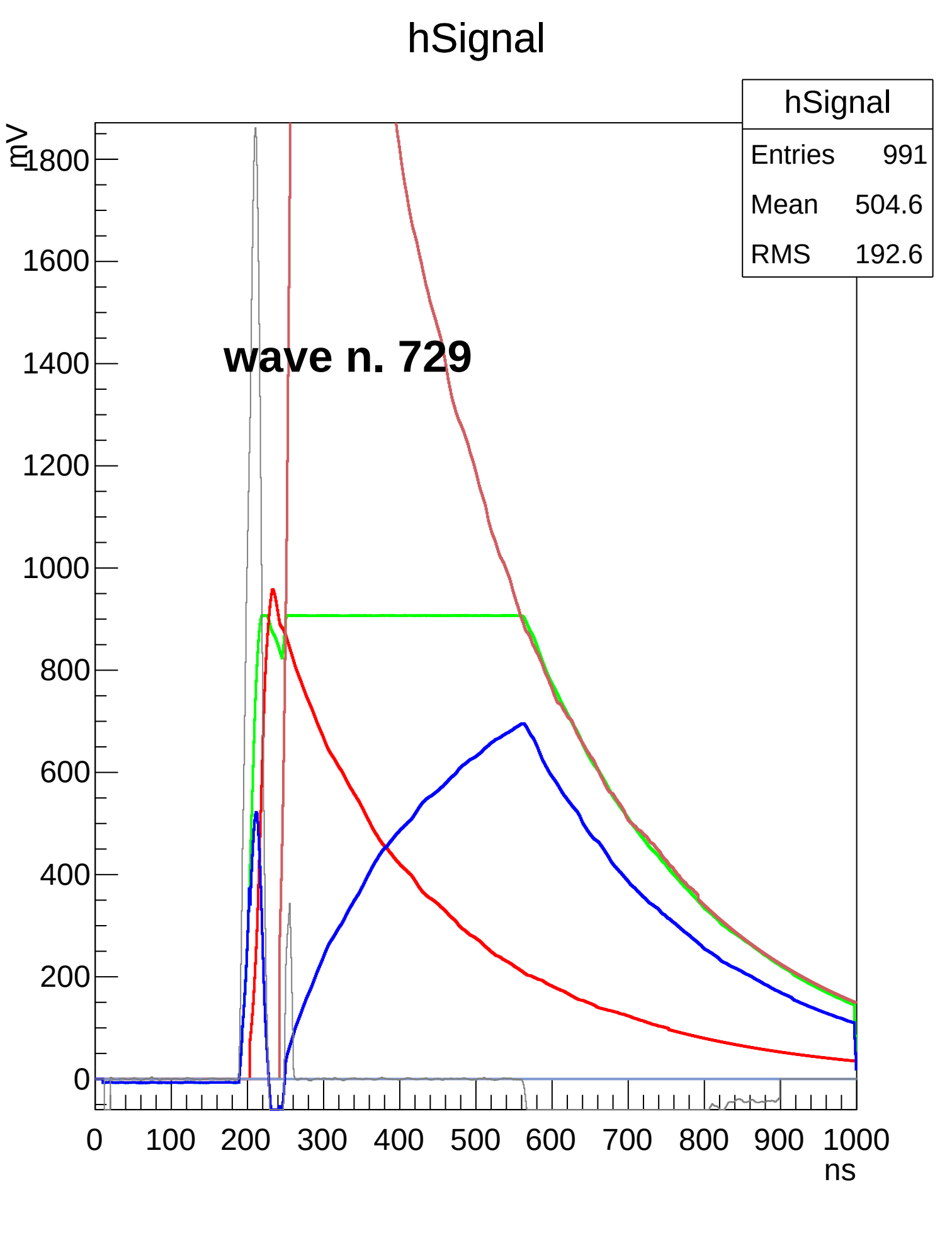
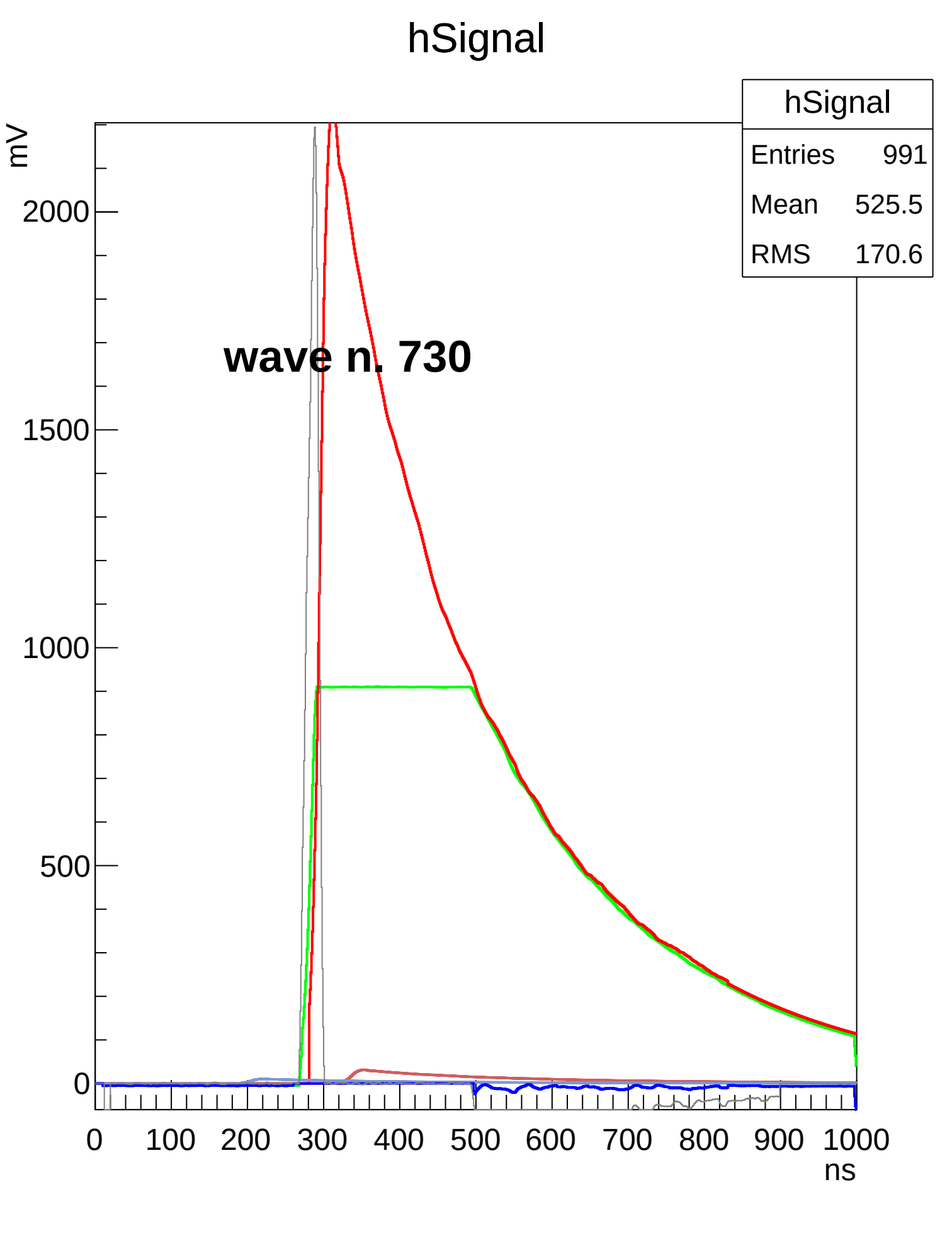
hSignal
Entries 991
Mean 605.1
RMS 170.8
wave n. 725
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 528.7
RMS 172.9
wave n. 726
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 626.2
RMS 136
wave n. 727
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 458.1
RMS 180.9
wave n. 728
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.6
RMS 192.6
wave n. 729
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 525.5
RMS 170.6
wave n. 730
mV
2000
1500
1000
500
0
0
100
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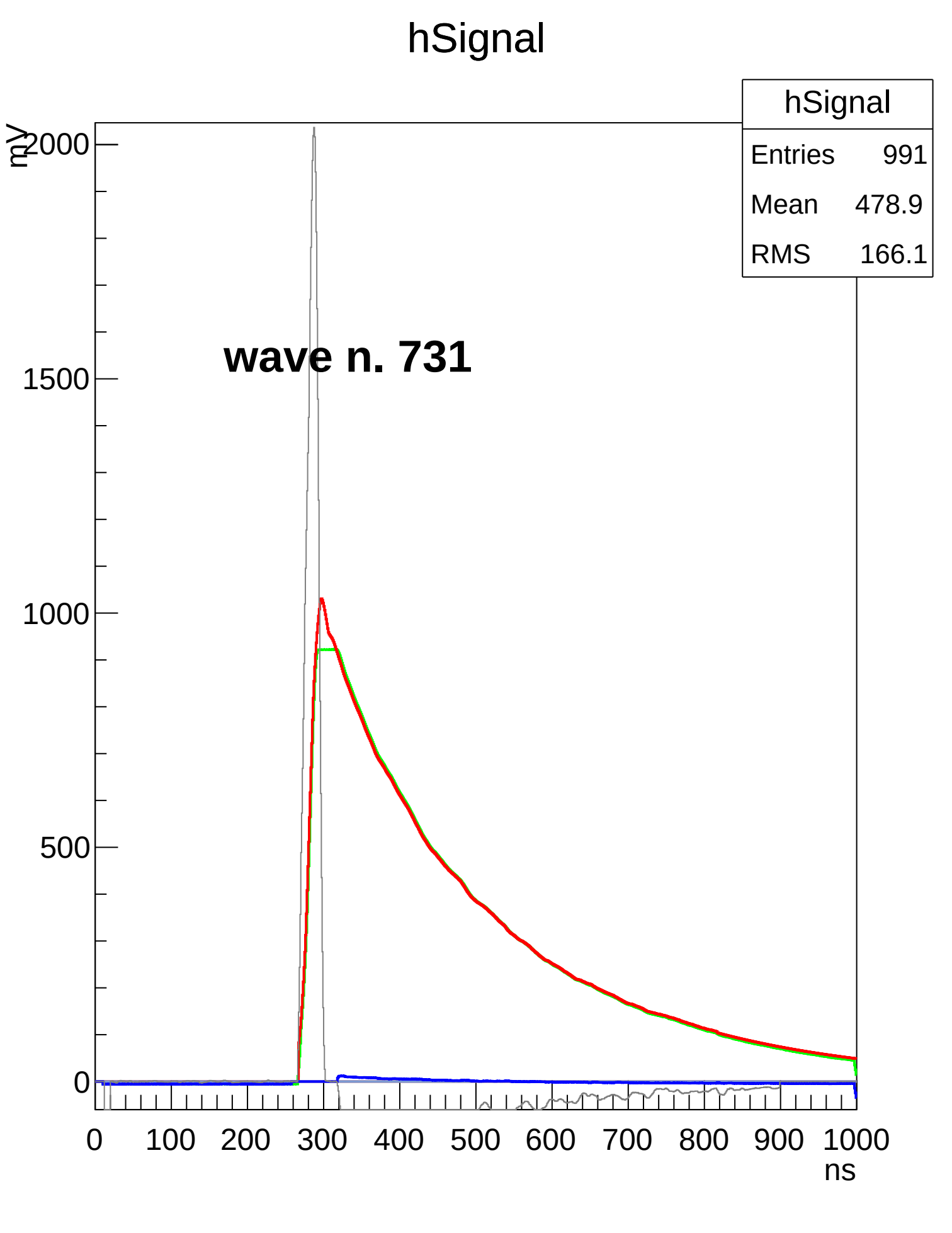
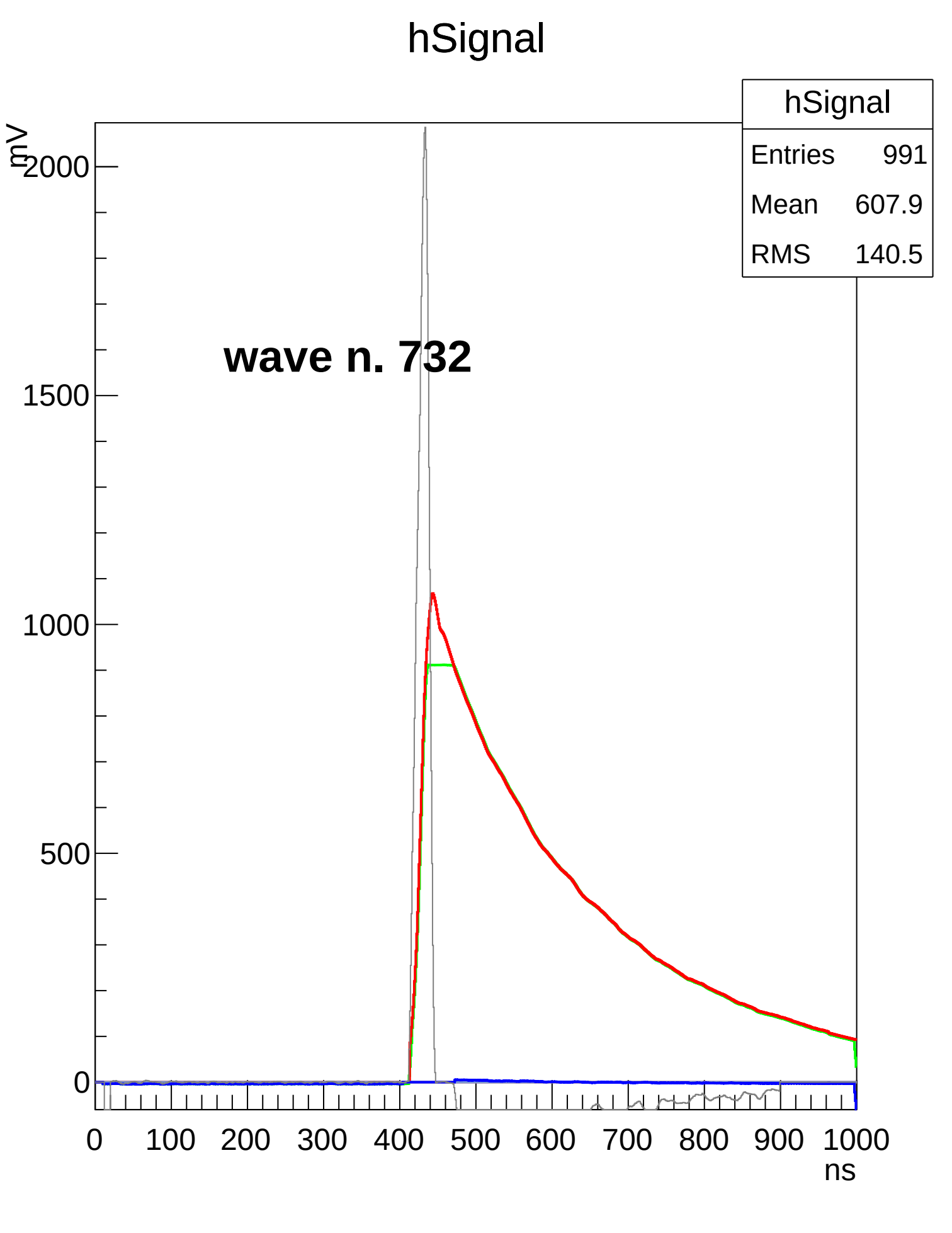
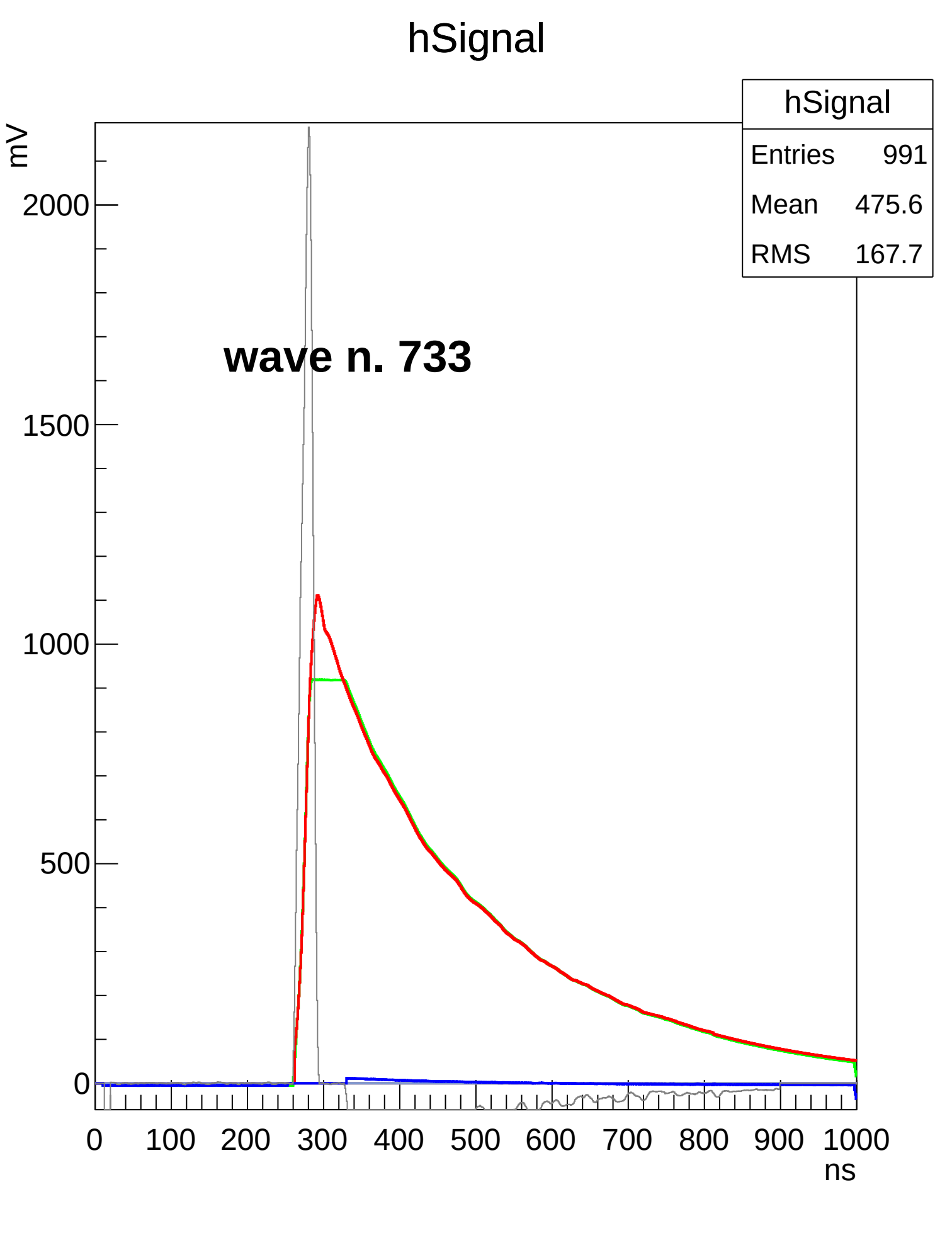
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 478.9
RMS 166.1
wave n. 731
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 607.9
RMS 140.5
wave n. 732
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 475.6
RMS 167.7
wave n. 733
mV
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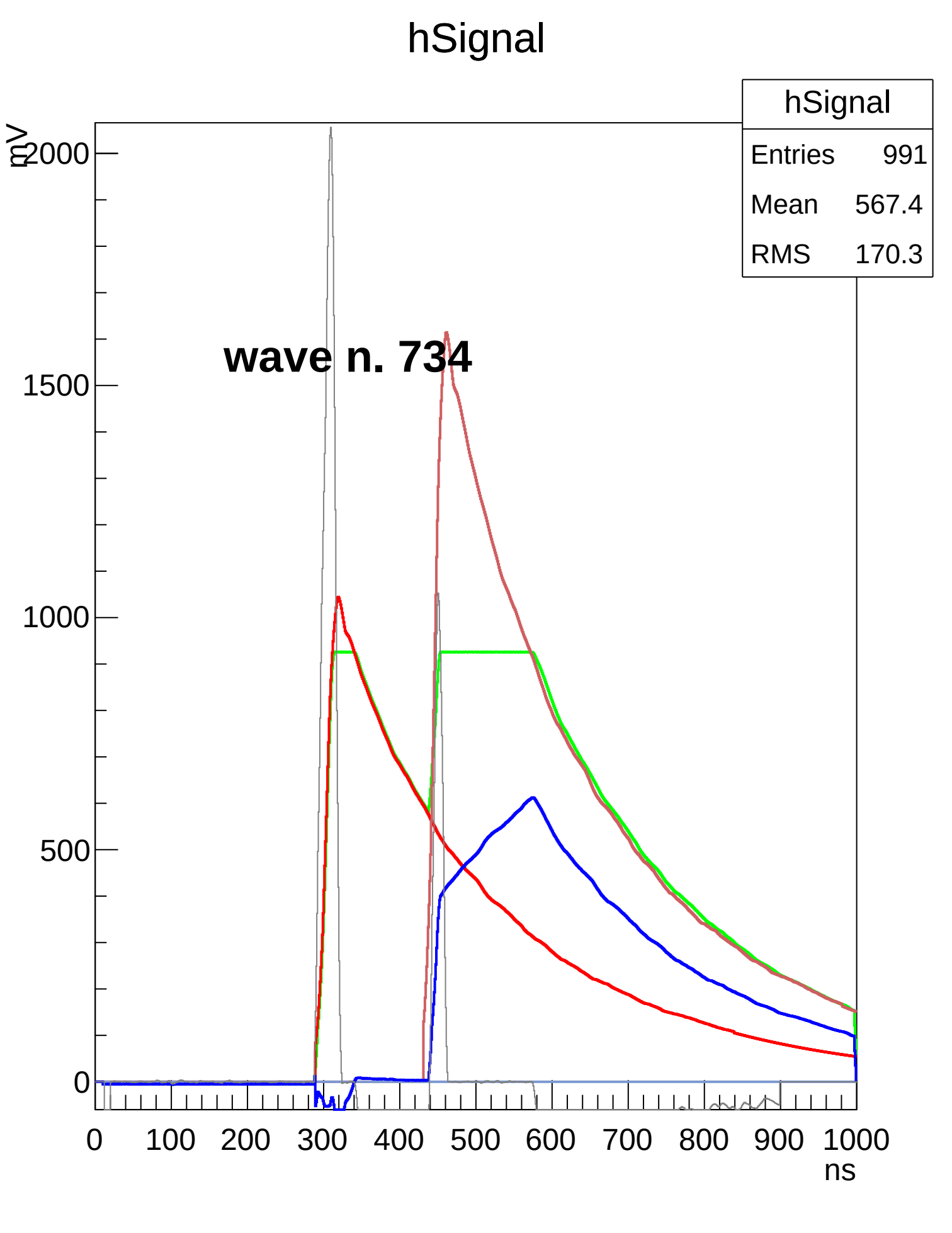
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 567.4
RMS 170.3
wave n. 734
mV
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1500
1000
500
0
0
100
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400
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600
700
800
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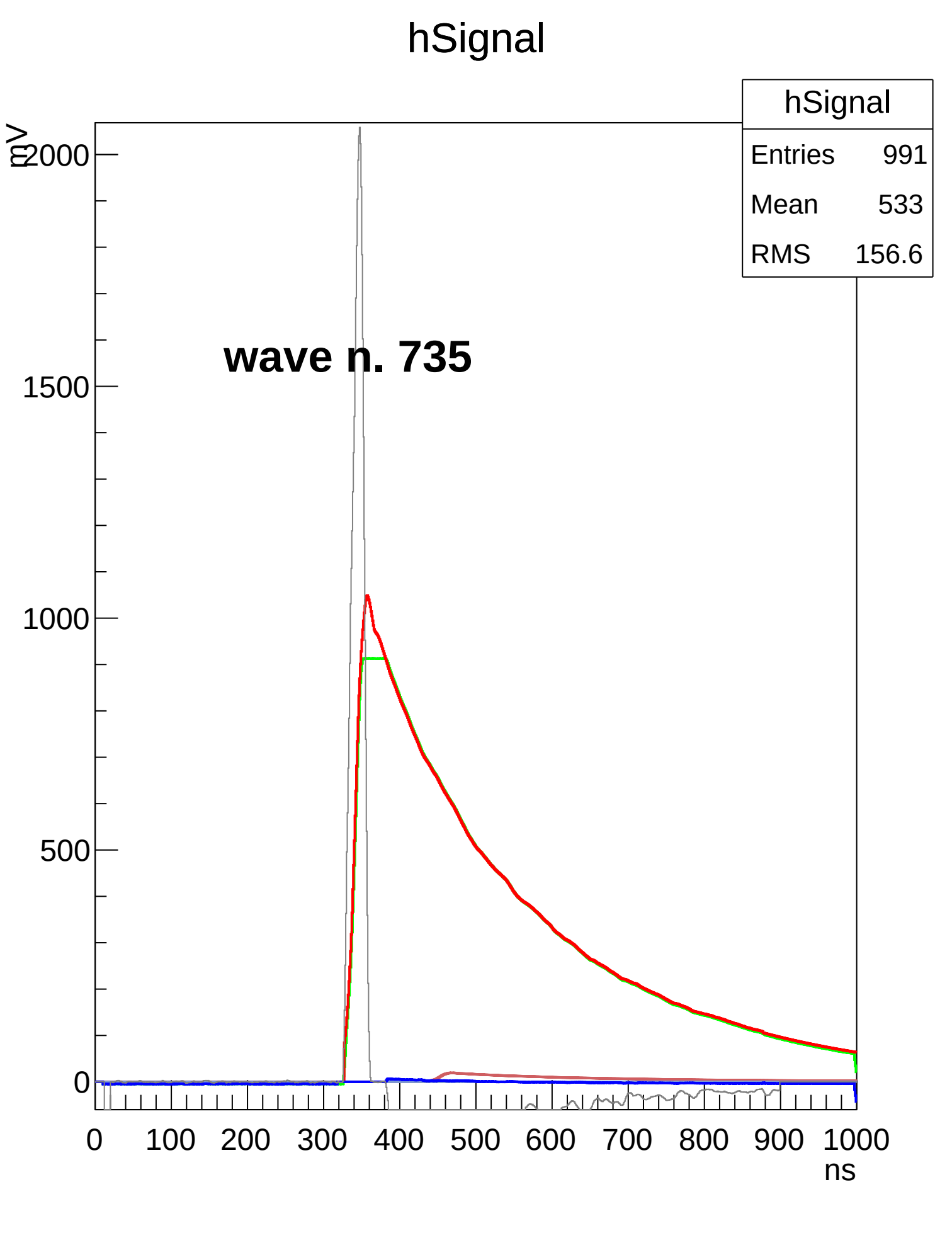
1000
ns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hSignal
Entries 991
Mean 533
RMS 156.6
wave n. 735
mV
2000
1500
1000
500
0
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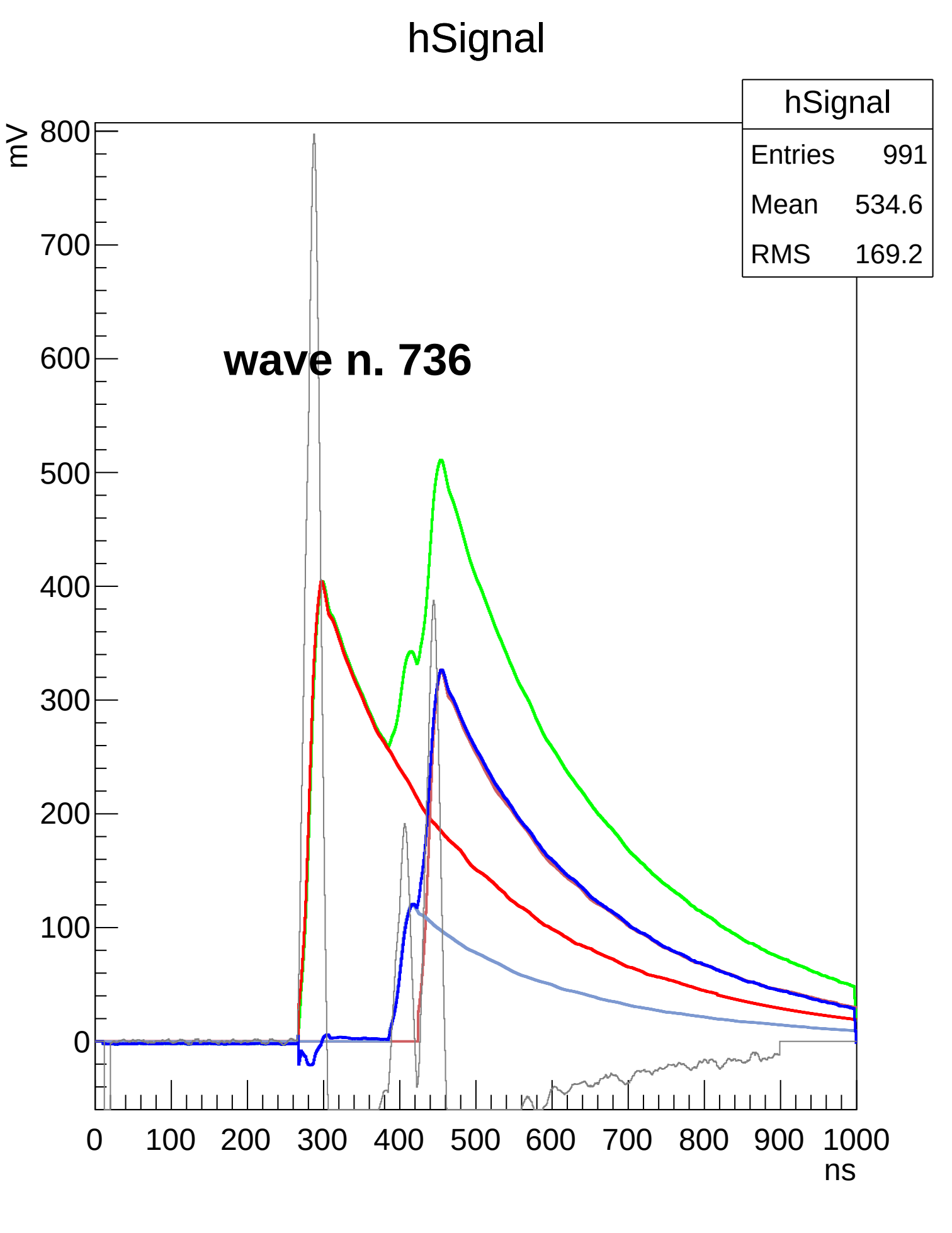
ns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hSignal
Entries 991
Mean 534.6
RMS 169.2
wave n. 736
mV
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700
600
500
400
300
200
100
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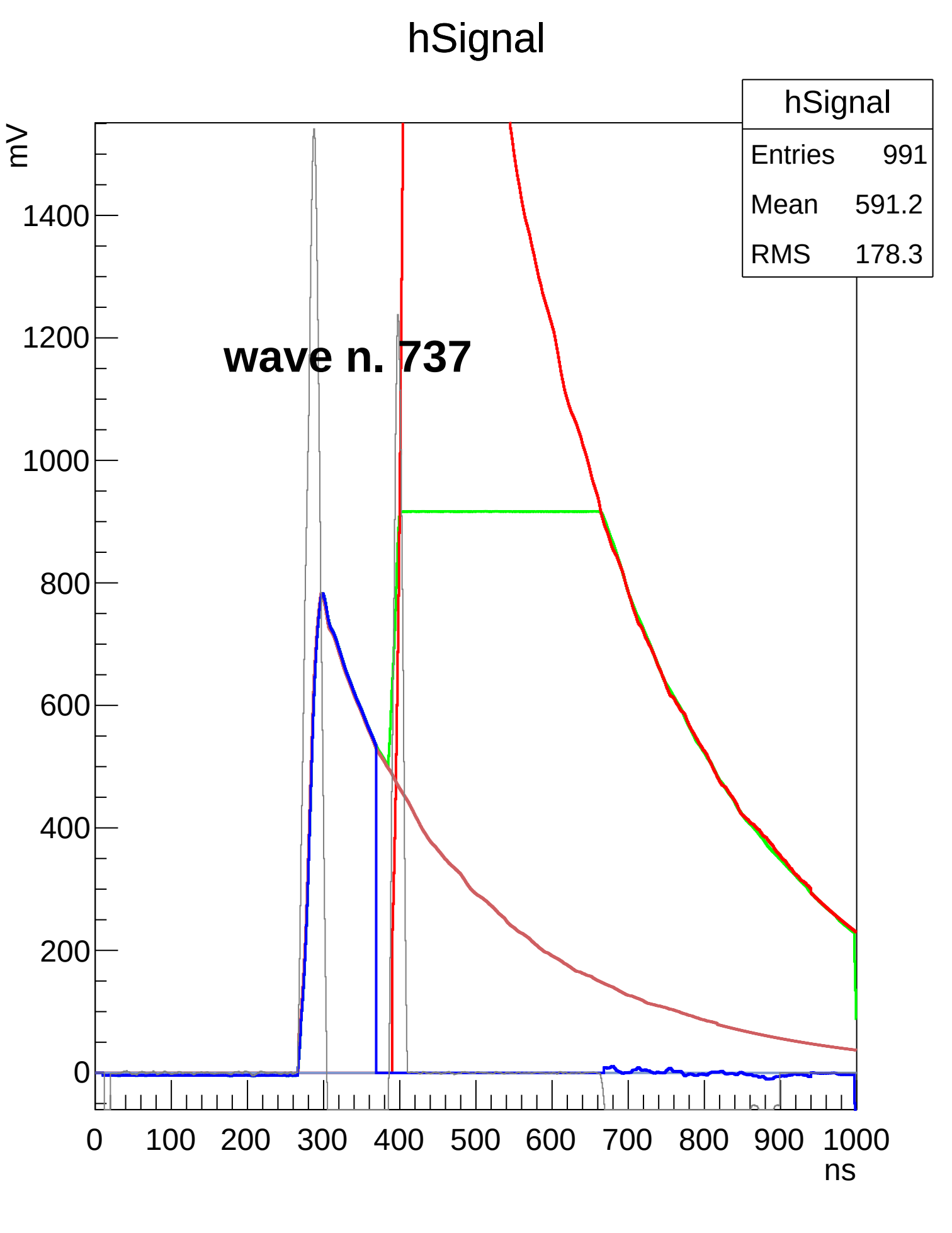
ns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hSignal
Entries 991
Mean 591.2
RMS 178.3
wave n. 737
mV
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1200
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600
400
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0
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400
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1000
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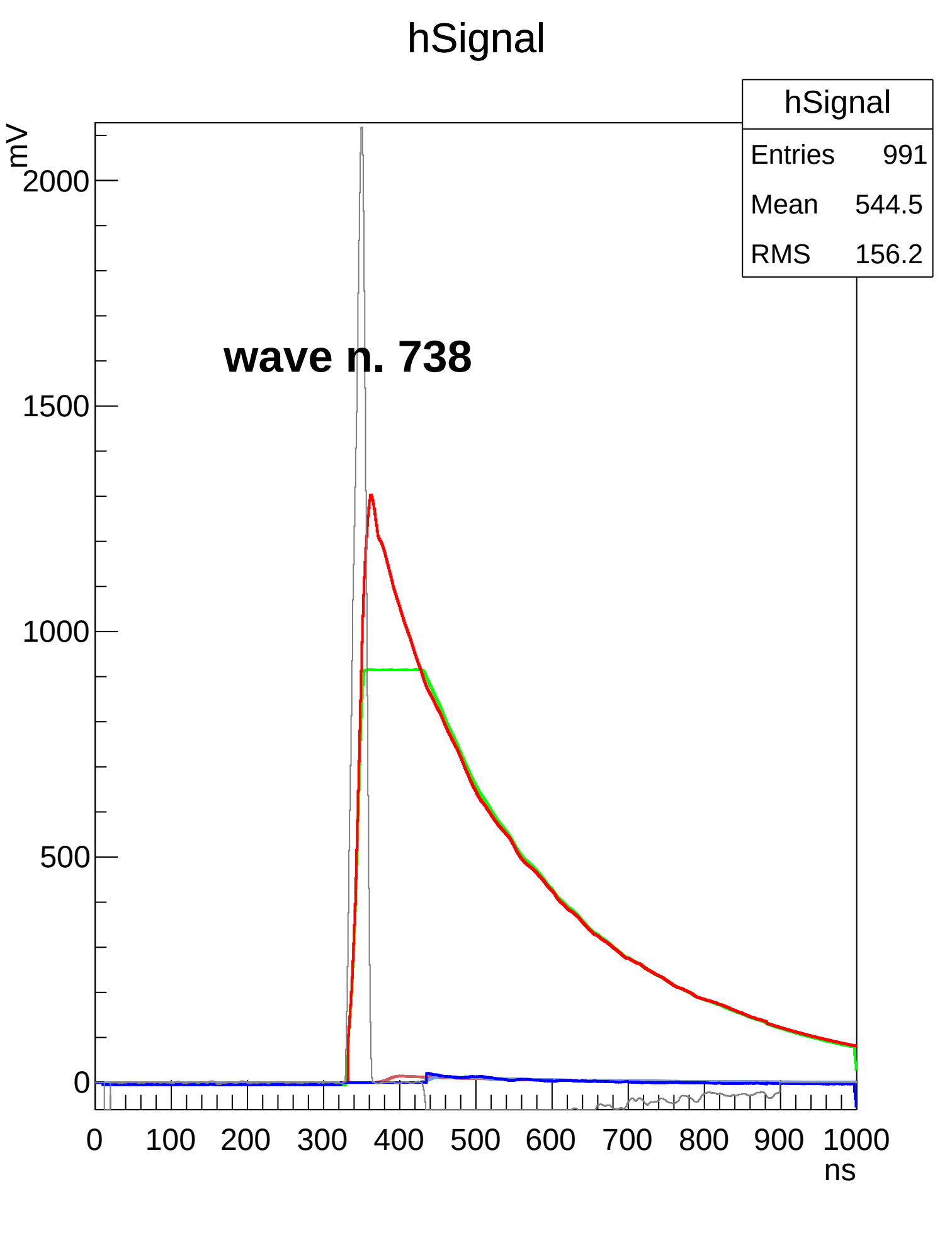
hSignal
hSignal
Entries 991
Mean 544.5
RMS 156.2
wave n. 738
mV
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1000
500
0
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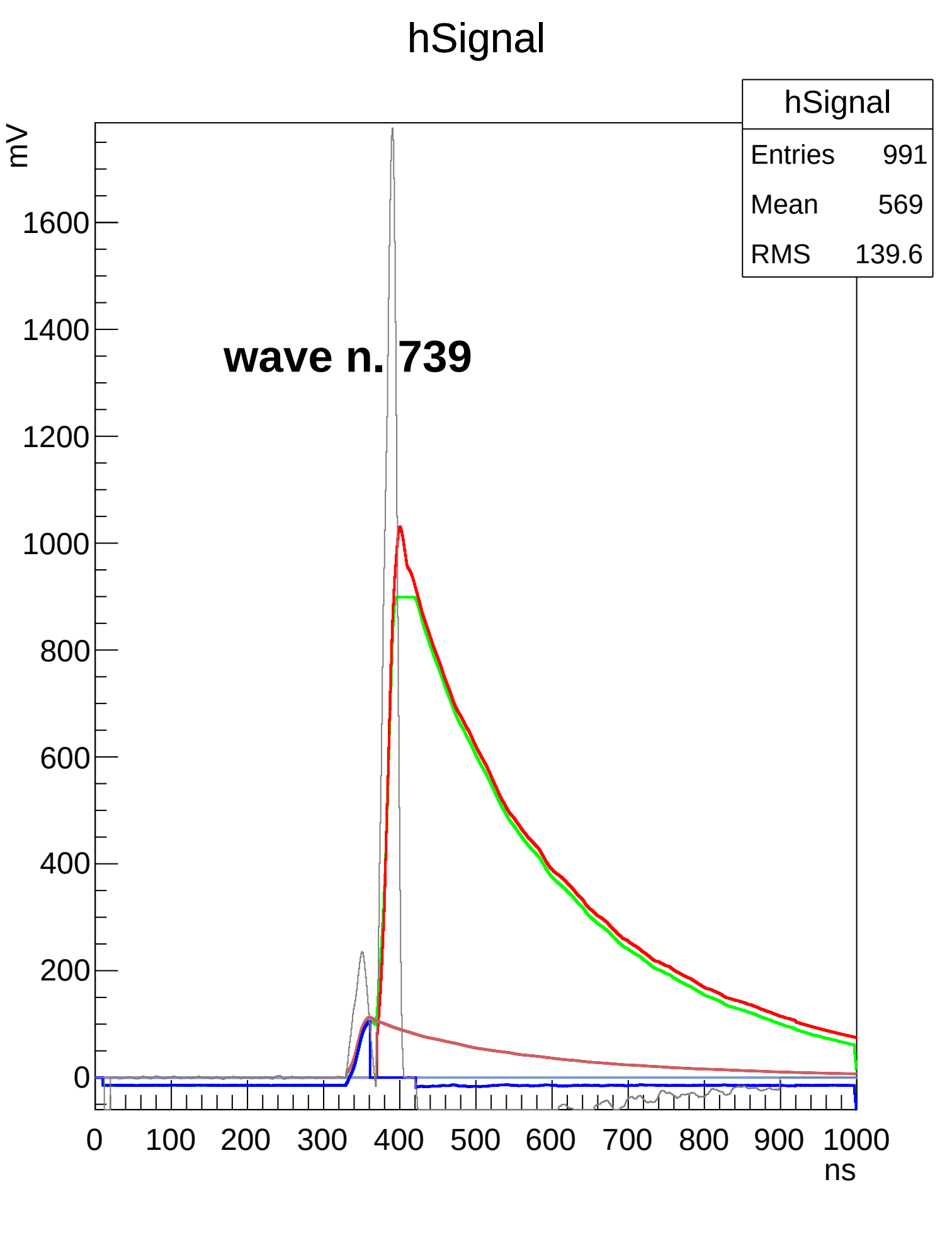
ns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hSignal
Entries 991
Mean 569
RMS 139.6
wave n. 739
mV
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1400
1200
1000
800
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400
200
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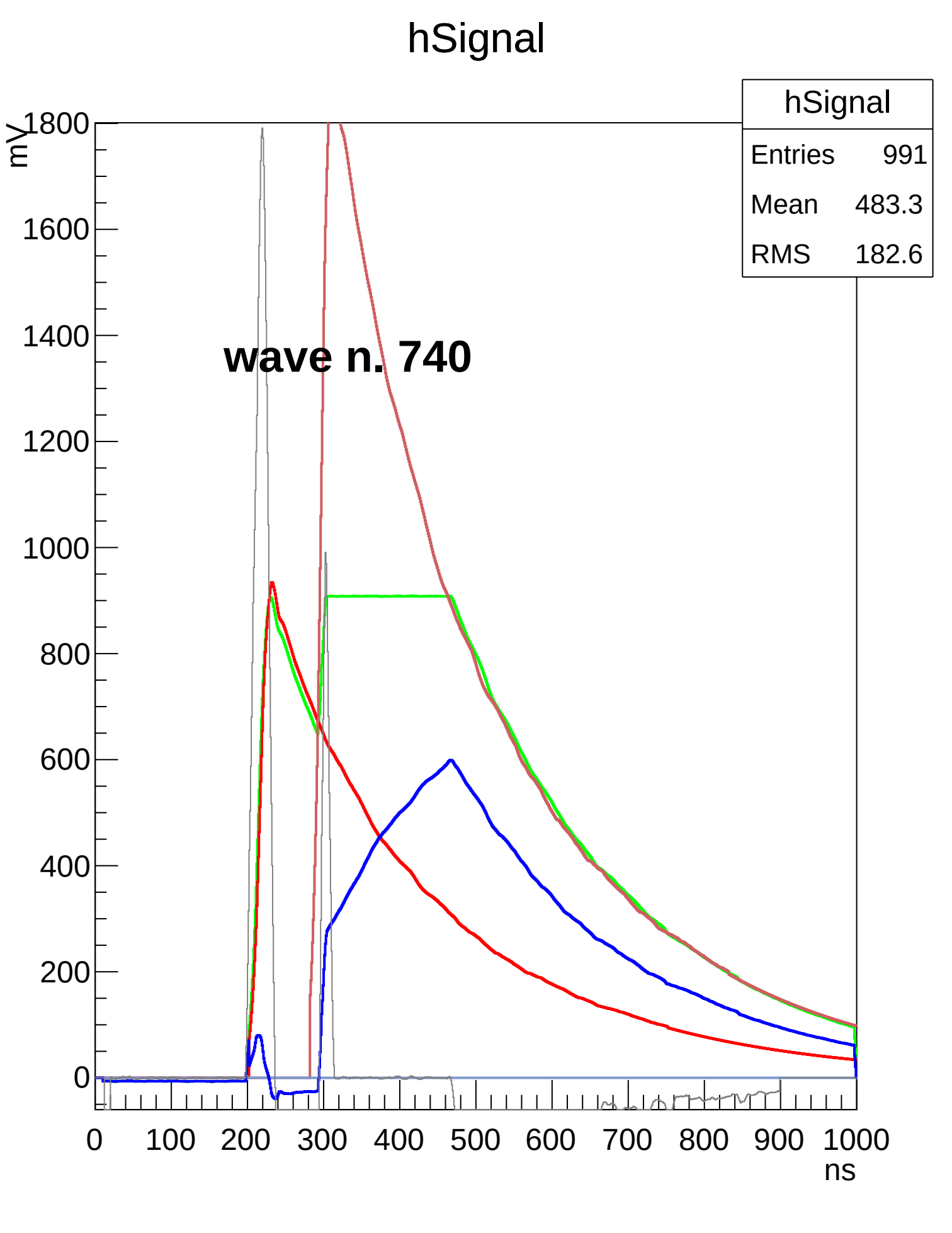
ns


hSignal
hSignal
Entries 991
Mean 483.3
RMS 182.6
wave n. 740
mV
1800
1600
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200
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1000
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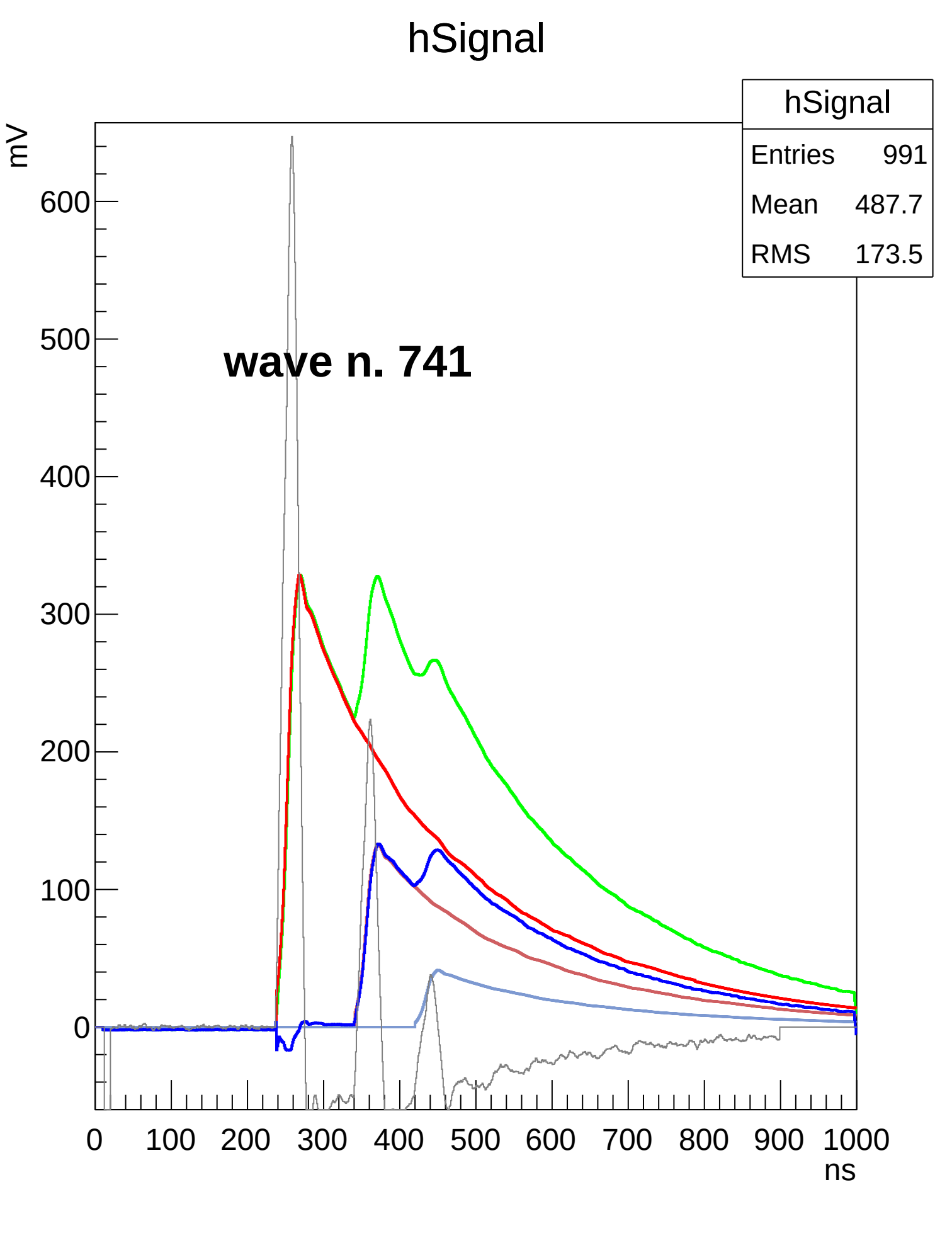
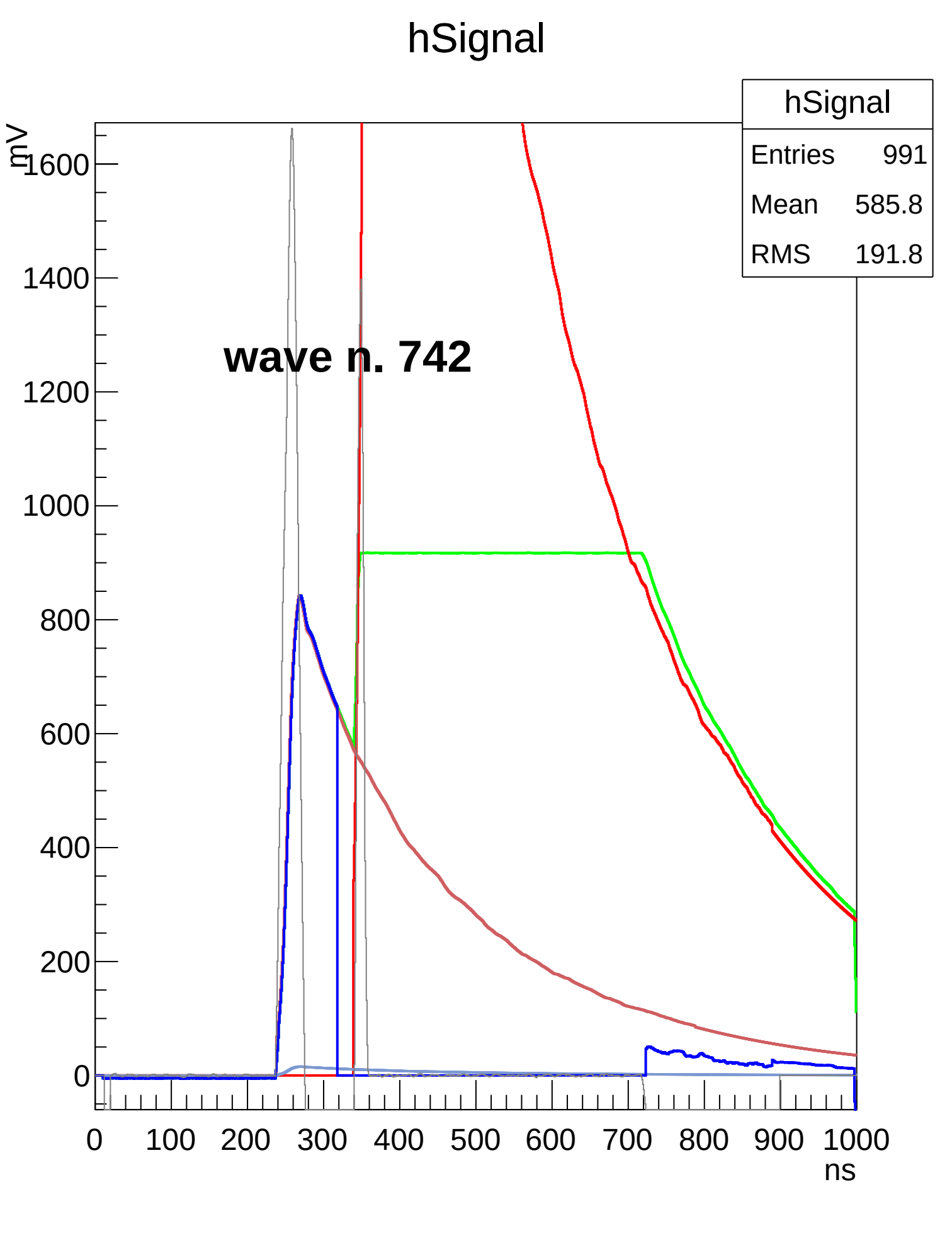

hSignal
hSignal
Entries 991
Mean 487.7
RMS 173.5
wave n. 741
mV
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 585.8
RMS 191.8
wave n. 742
mV
1600
1400
1200
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200
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0
100
200
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400
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1000
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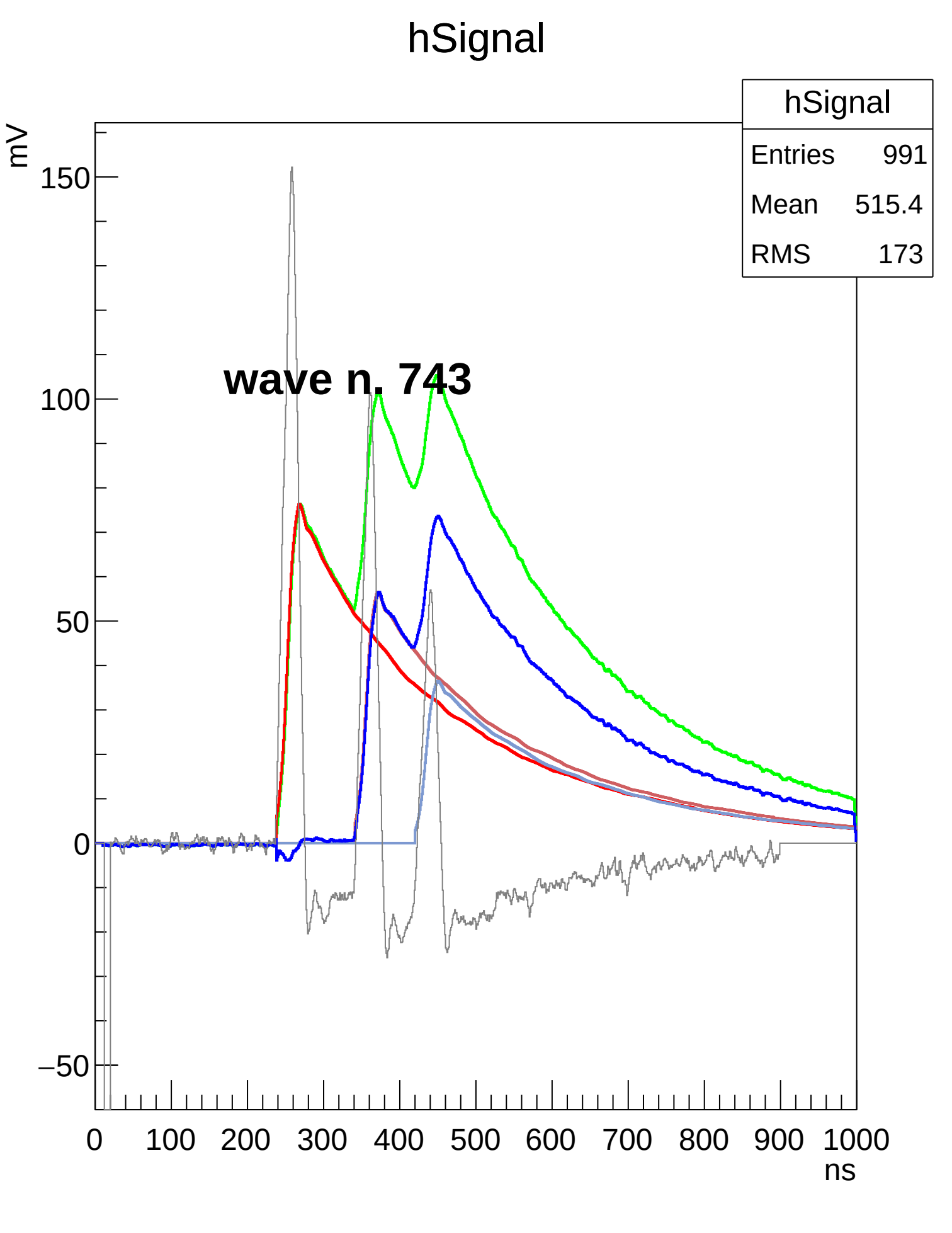
hSignal
hSignal
Entries 991
Mean 515.4
RMS 173
wave n. 743
mV
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100
50
0
−50
0
100
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400
500
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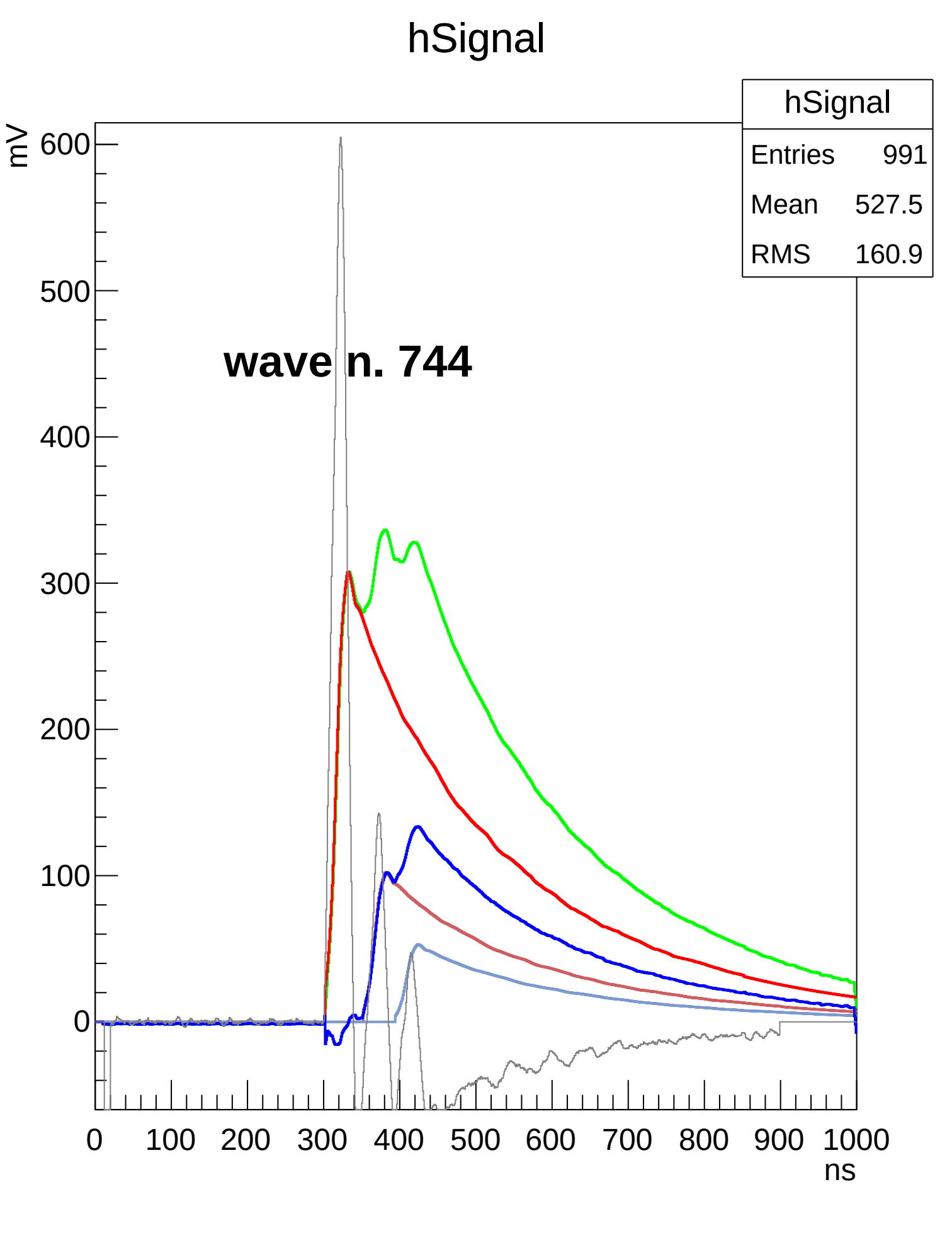
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527.5
RMS 160.9
wave n. 744
mV
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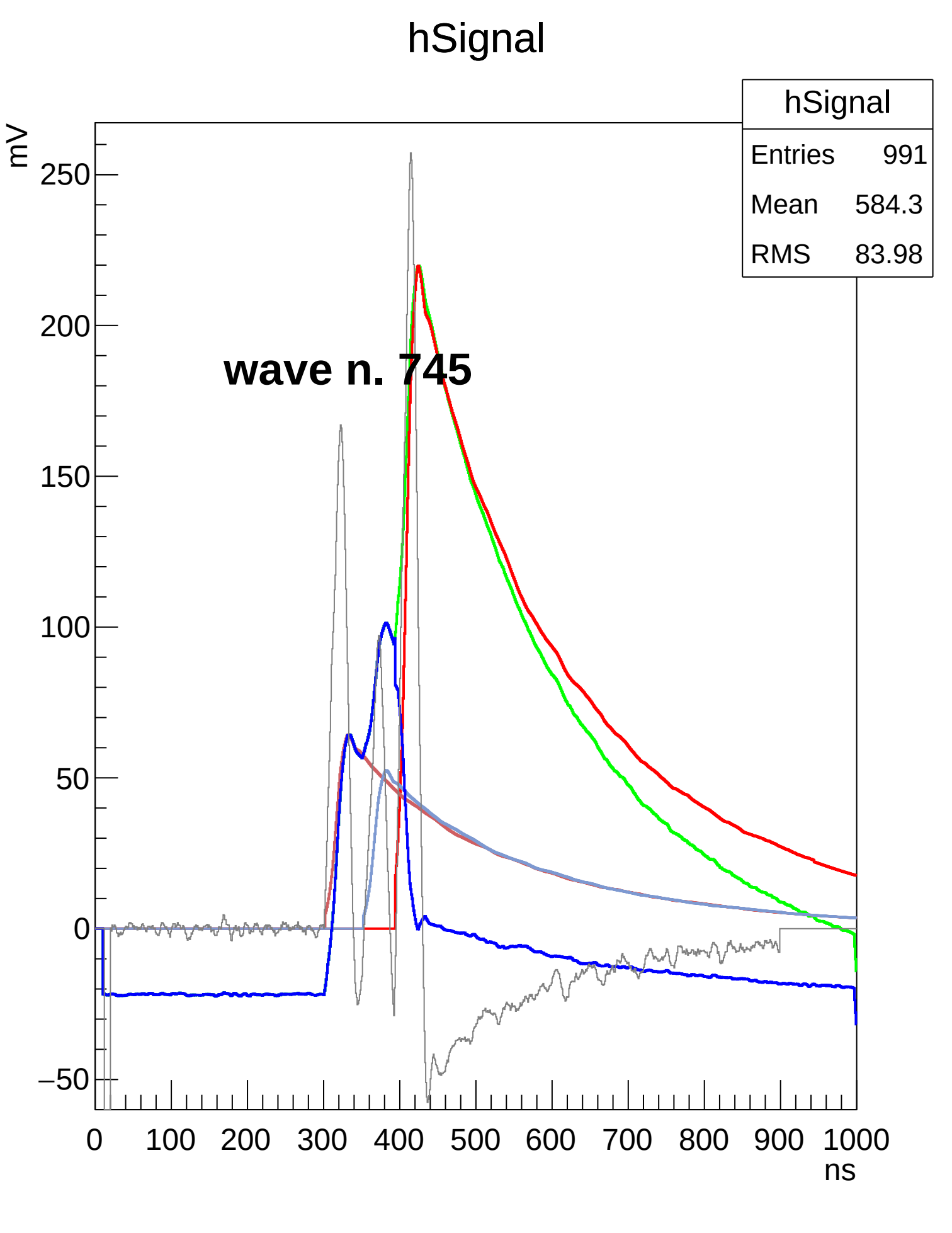
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 584.3
RMS 83.98
wave n. 745
mV
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200
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100
50
0
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0
100
200
300
400
500
600
700
800
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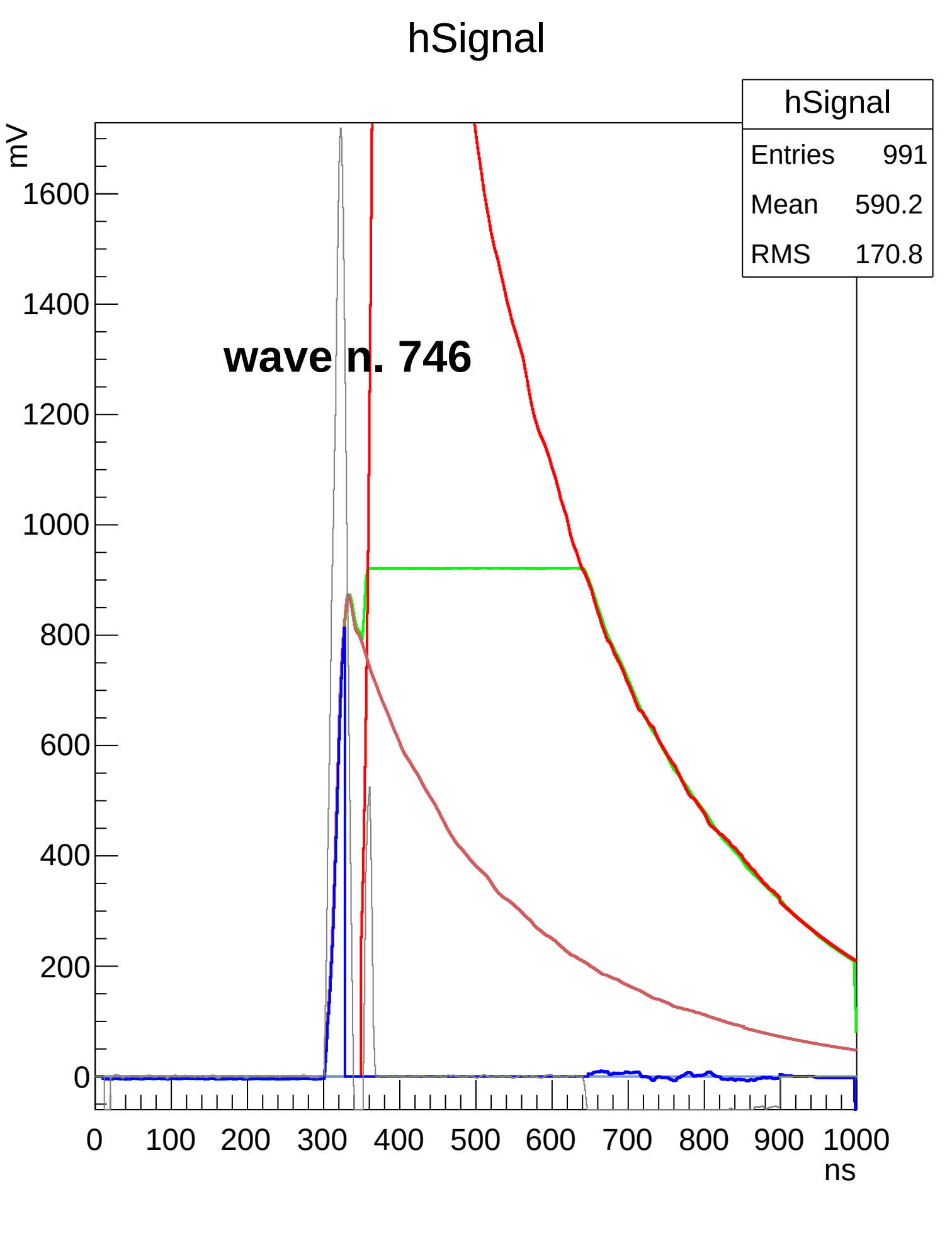
1000
ns


hSignal
hSignal
Entries 991
Mean 590.2
RMS 170.8
wave n. 746
mV
1600
1400
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200
0
0
100
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300
400
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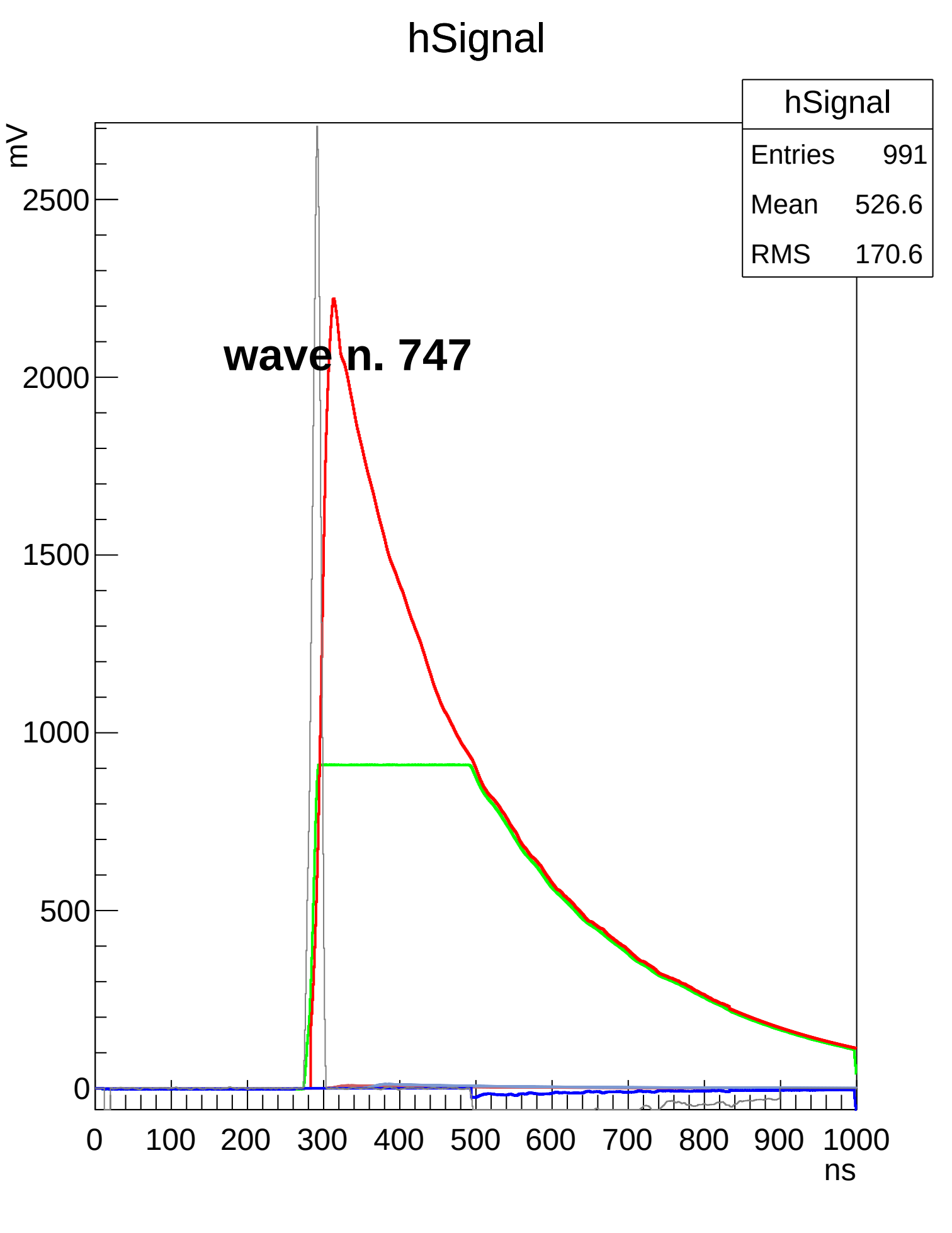
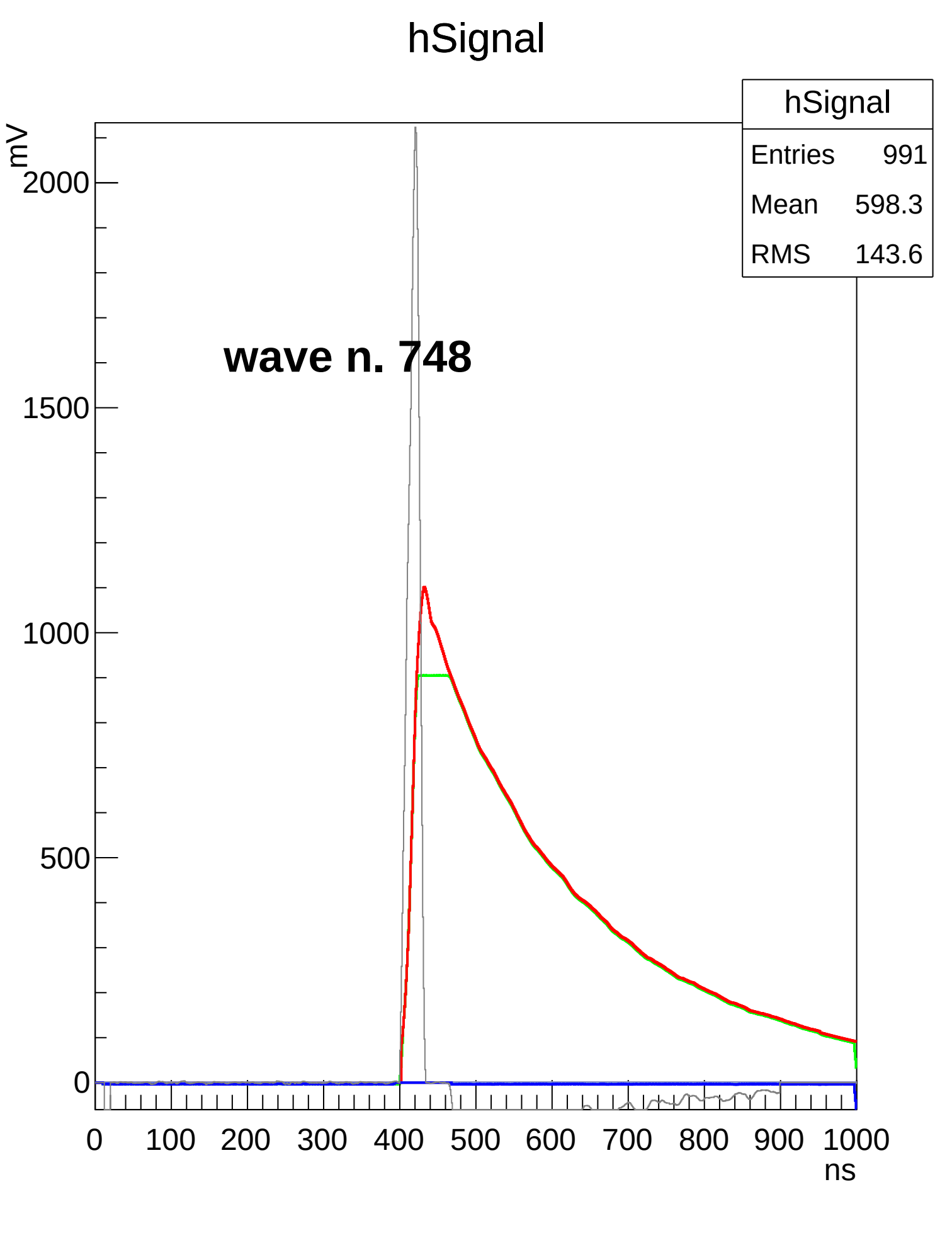
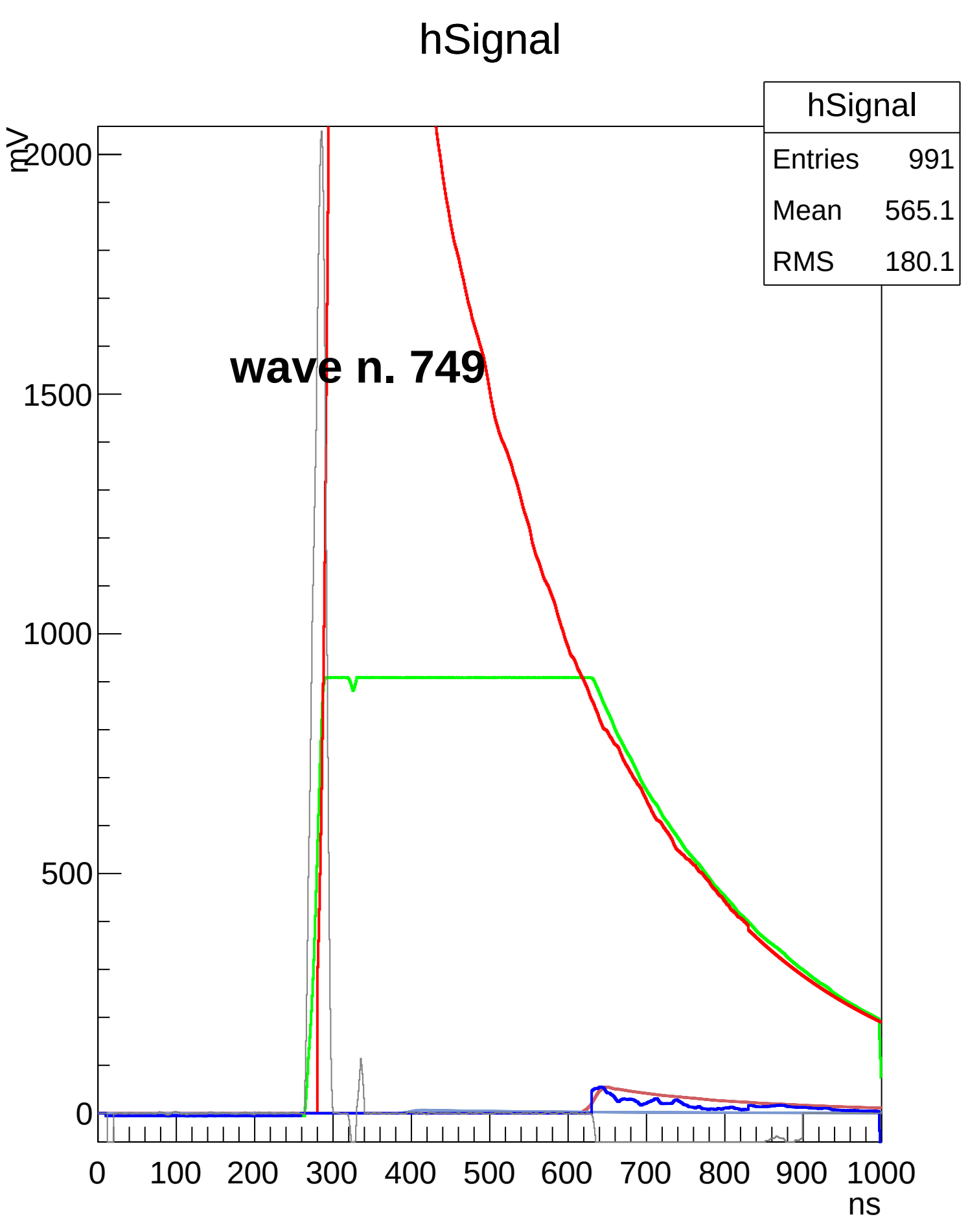
1000
ns


hSignal
hSignal
Entries 991
Mean 526.6
RMS 170.6
wave n. 747
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 598.3
RMS 143.6
wave n. 748
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 565.1
RMS 180.1
wave n. 749
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0
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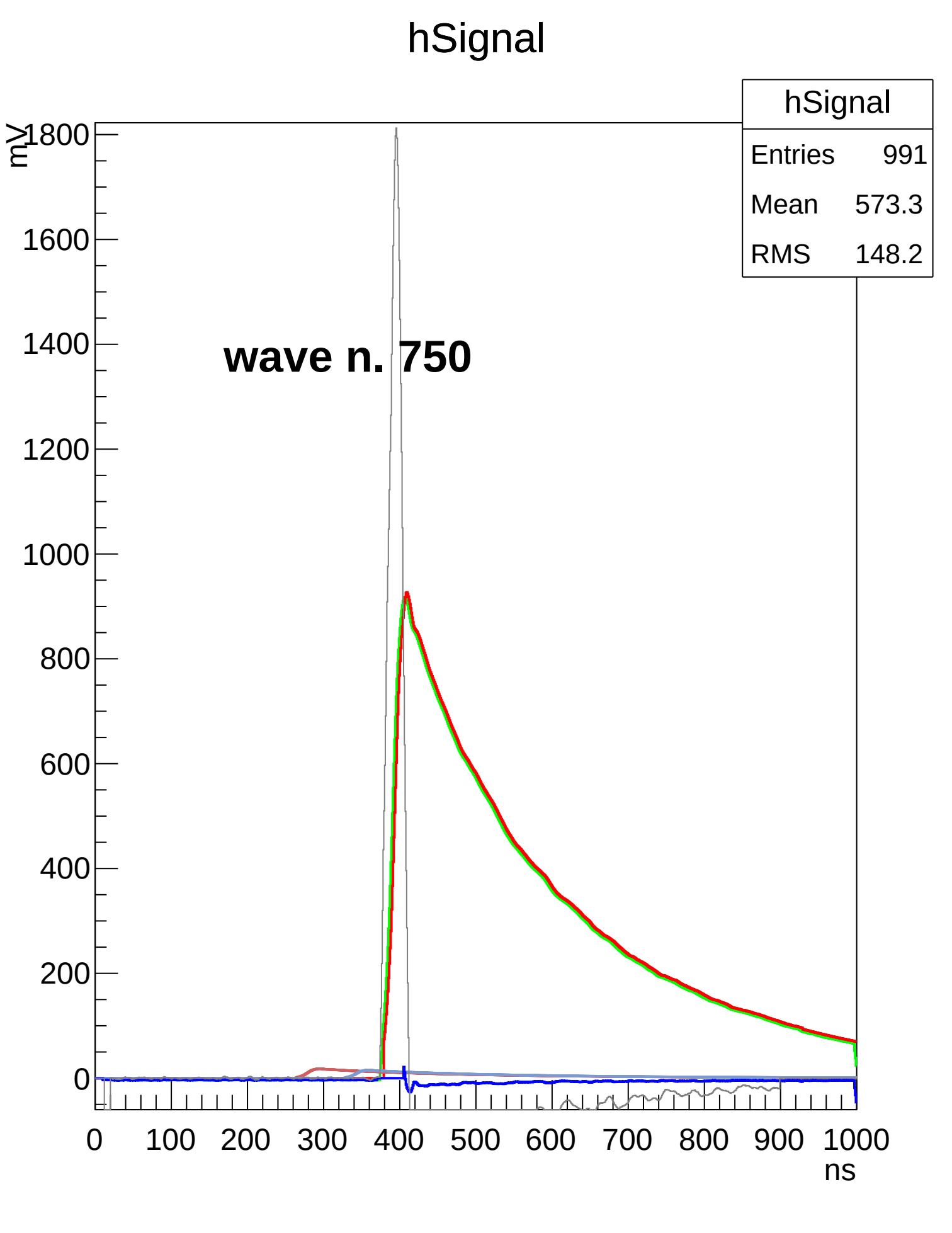
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.3
RMS 148.2
wave n. 750
mV
1800
1600
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1200
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600
400
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0
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200
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400
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900
1000
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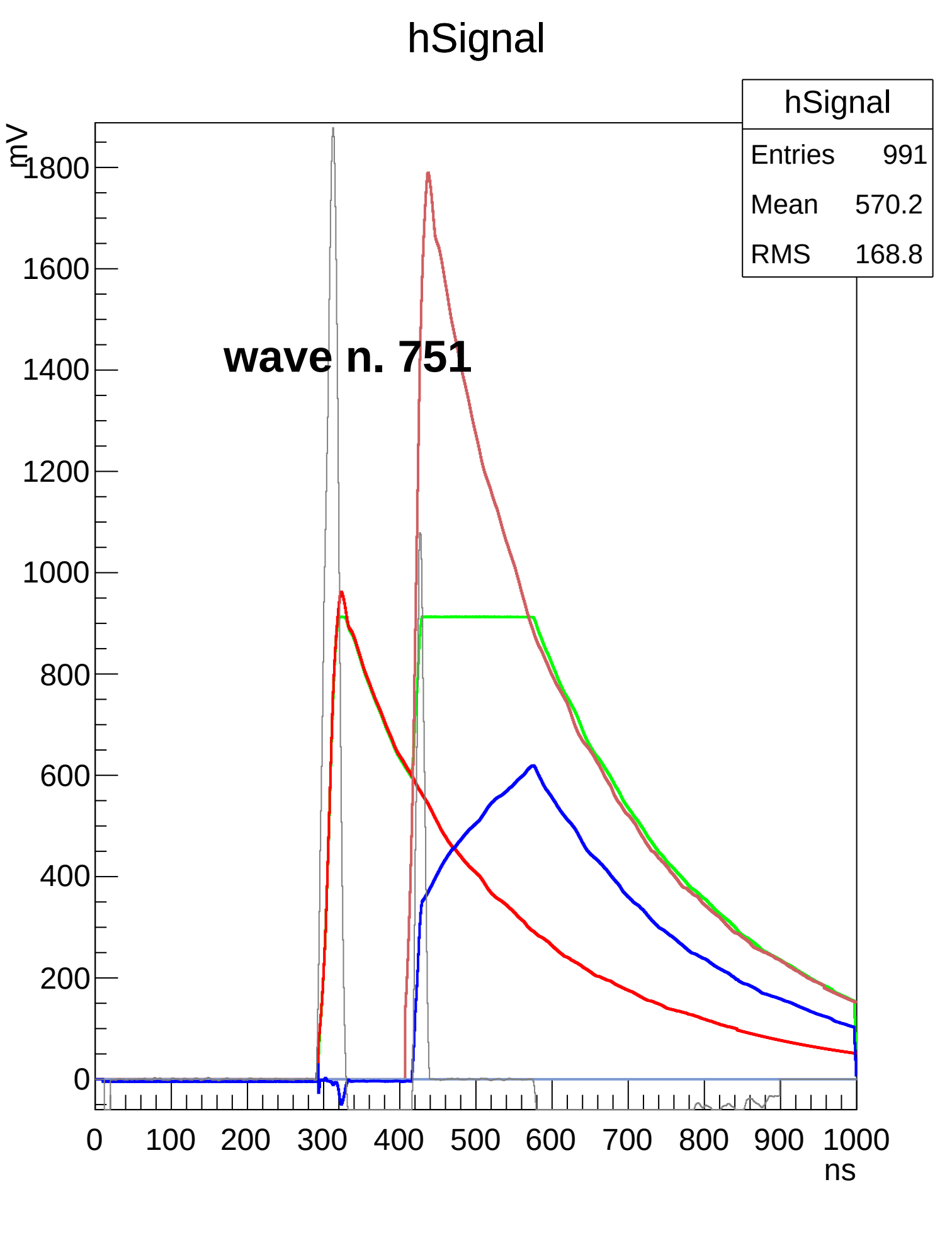
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hSignal
Entries 991
Mean 570.2
RMS 168.8
wave n. 751
mV
1800
1600
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600
400
200
0
0
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200
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400
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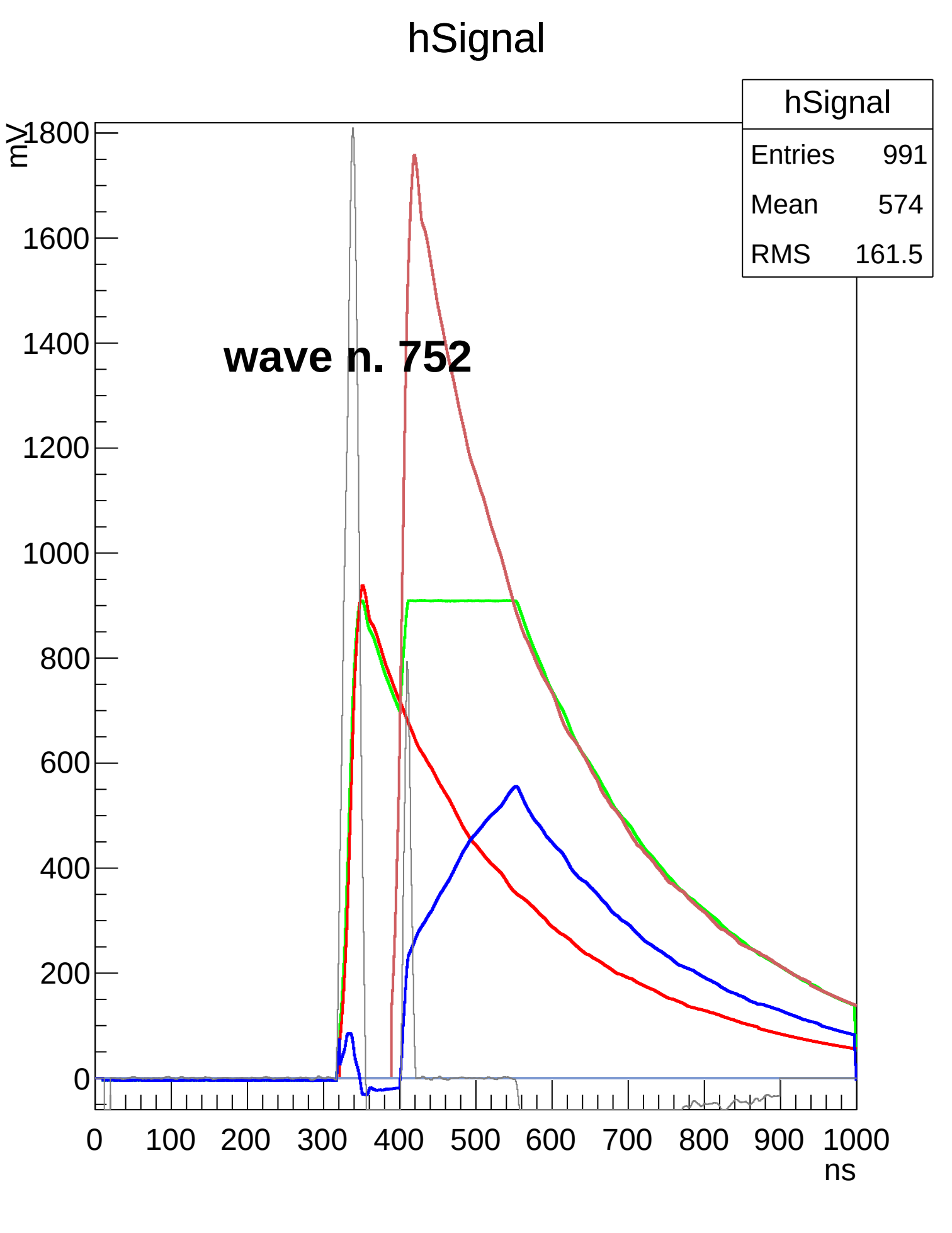
1000
ns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hSignal
Entries 991
Mean 574
RMS 161.5
wave n. 752
mV
1800
1600
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1200
1000
800
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400
200
0
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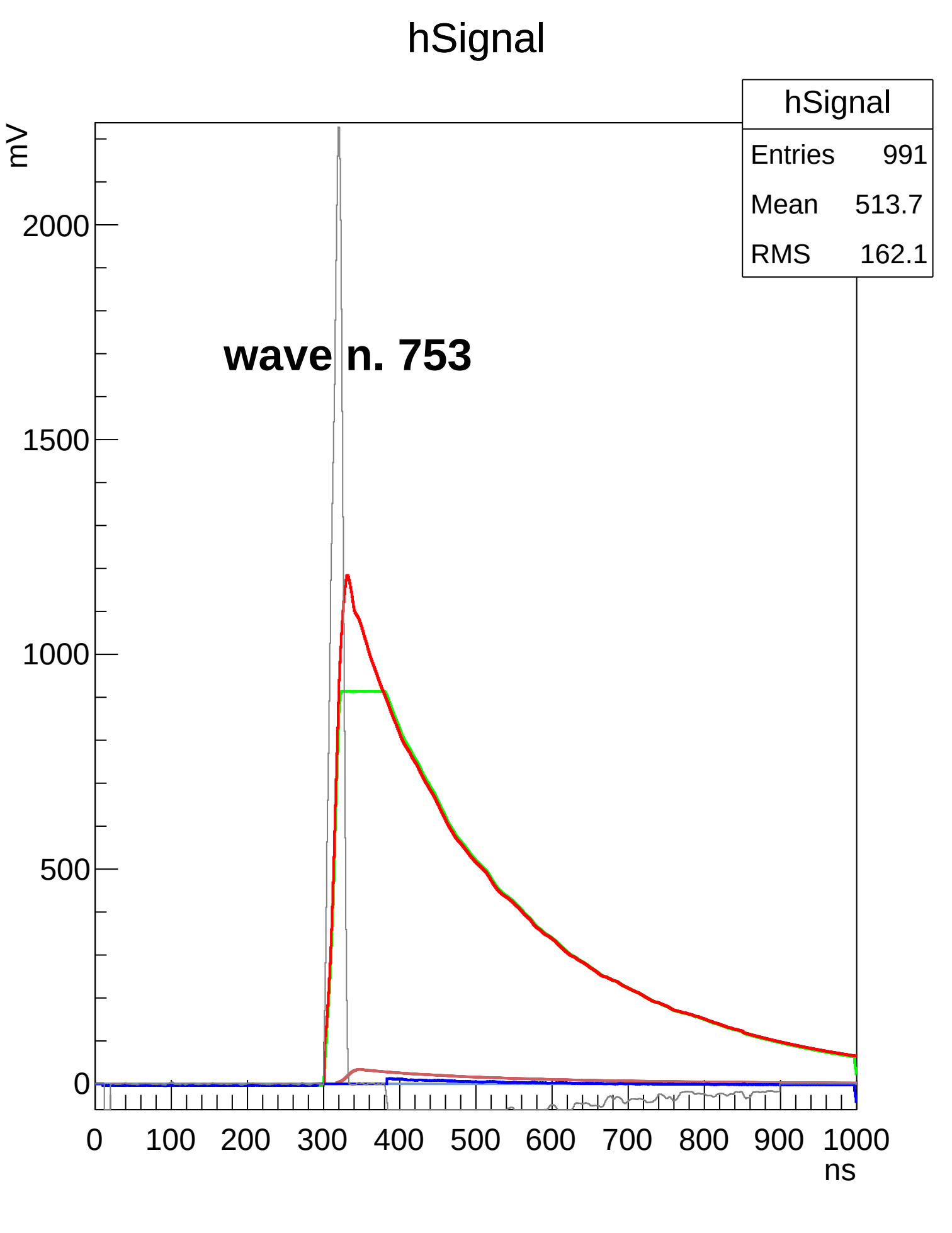
ns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hSignal
Entries 991
Mean 513.7
RMS 162.1
wave n. 753
mV
2000
1500
1000
500
0
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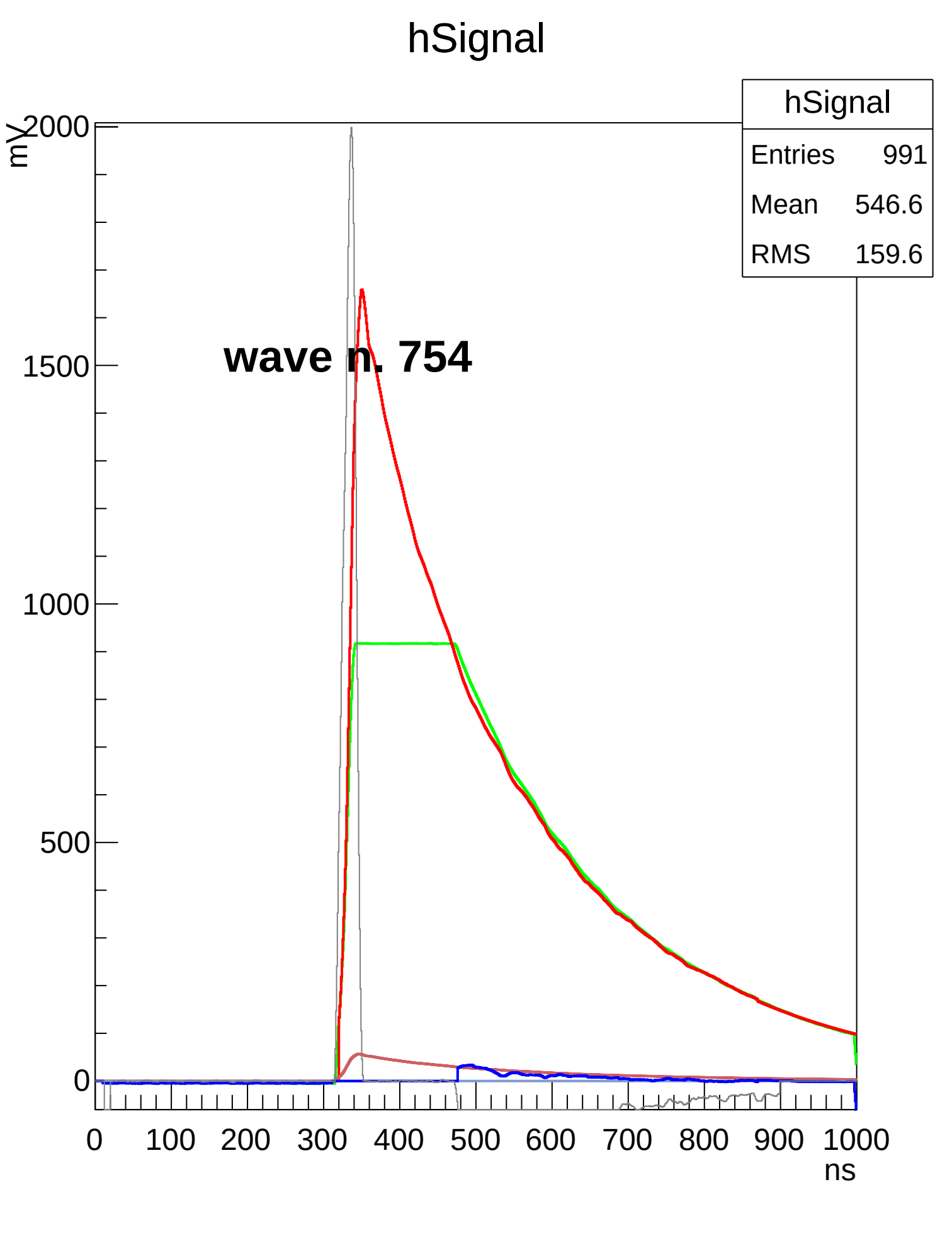
ns


hSignal
hSignal
Entries 991
Mean 546.6
RMS 159.6
wave n. 754
mV
2000
1500
1000
500
0
0
100
200
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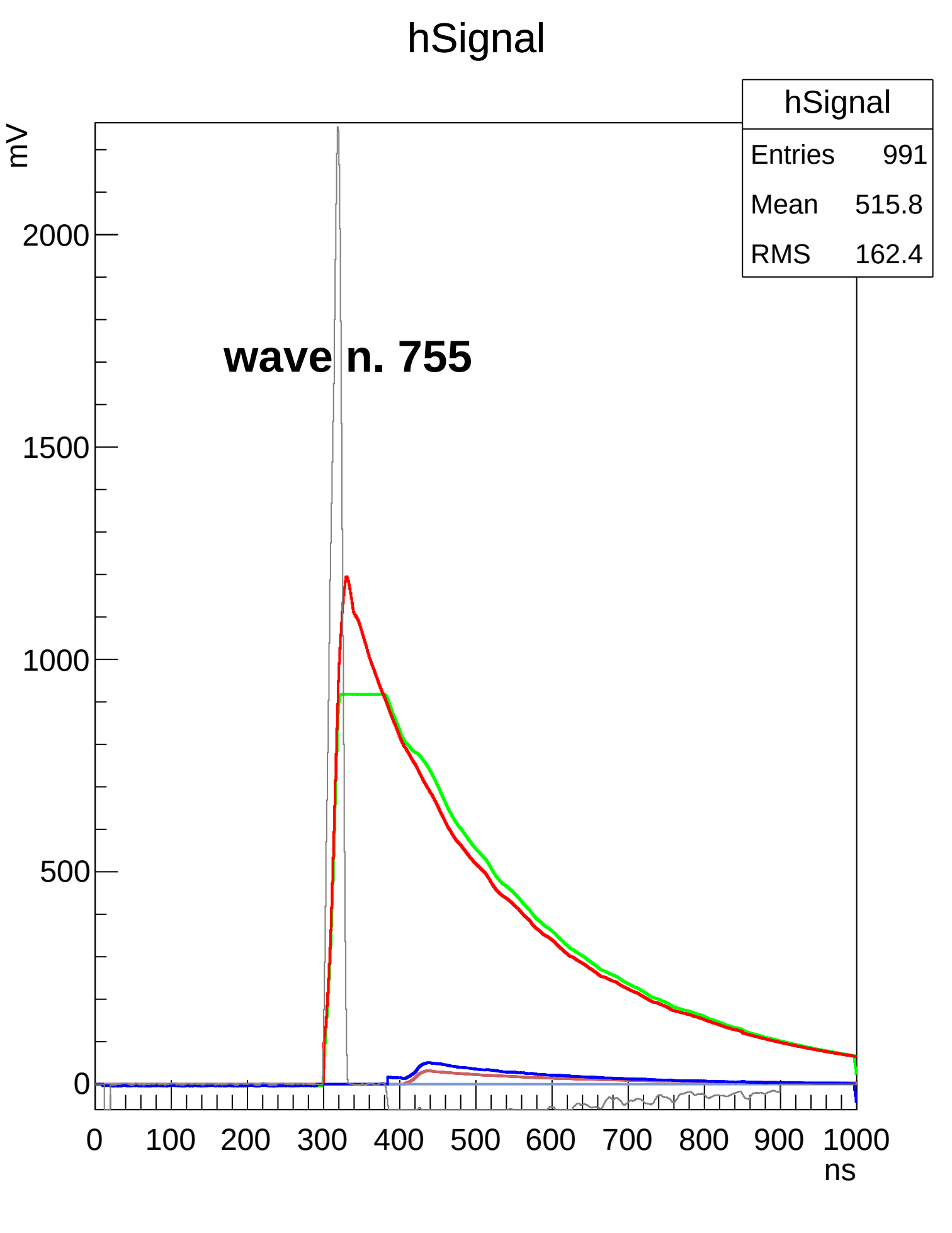
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 515.8
RMS 162.4
wave n. 755
mV
2000
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1000
500
0
0
100
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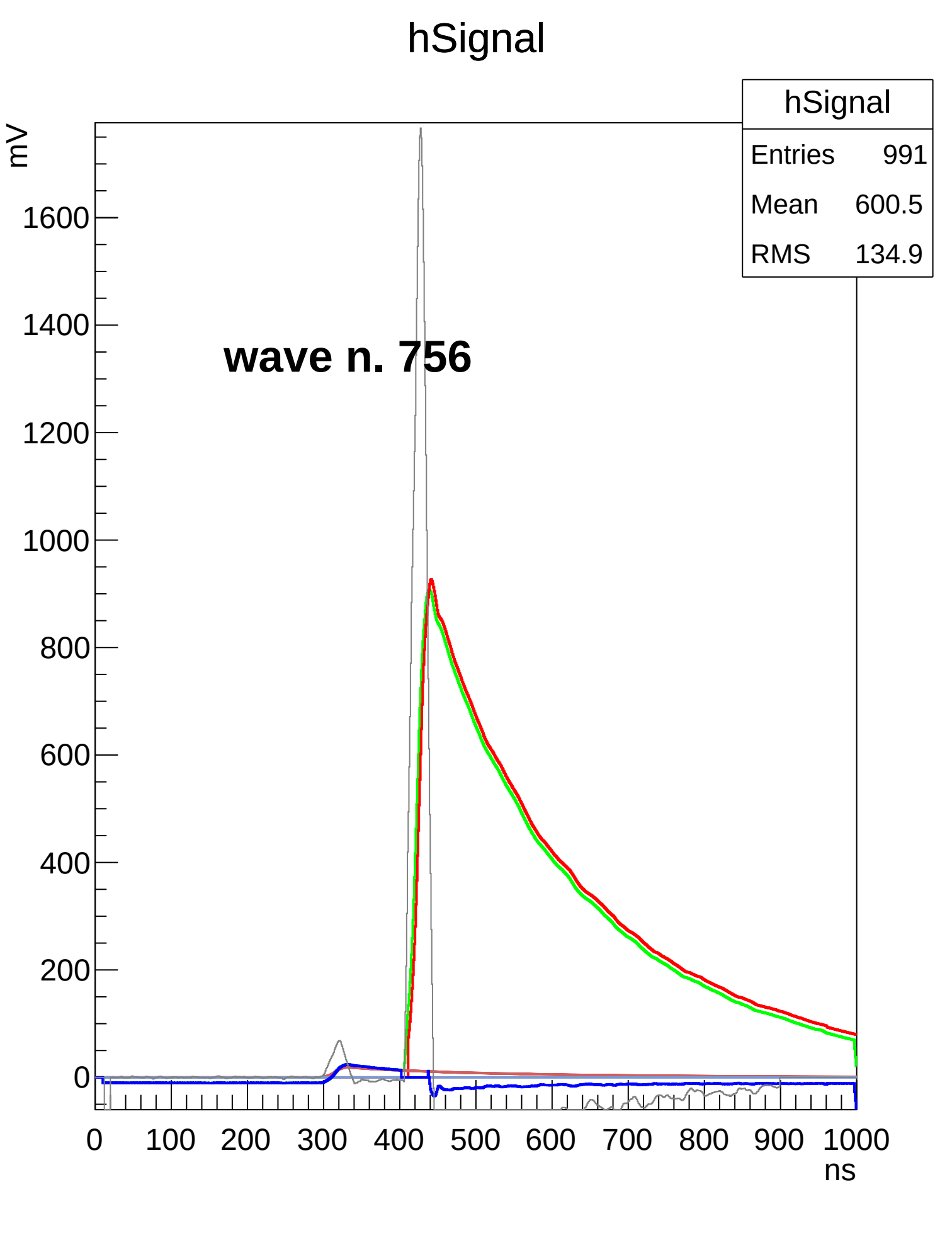
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 600.5
RMS 134.9
wave n. 756
mV
1600
1400
1200
1000
800
600
400
200
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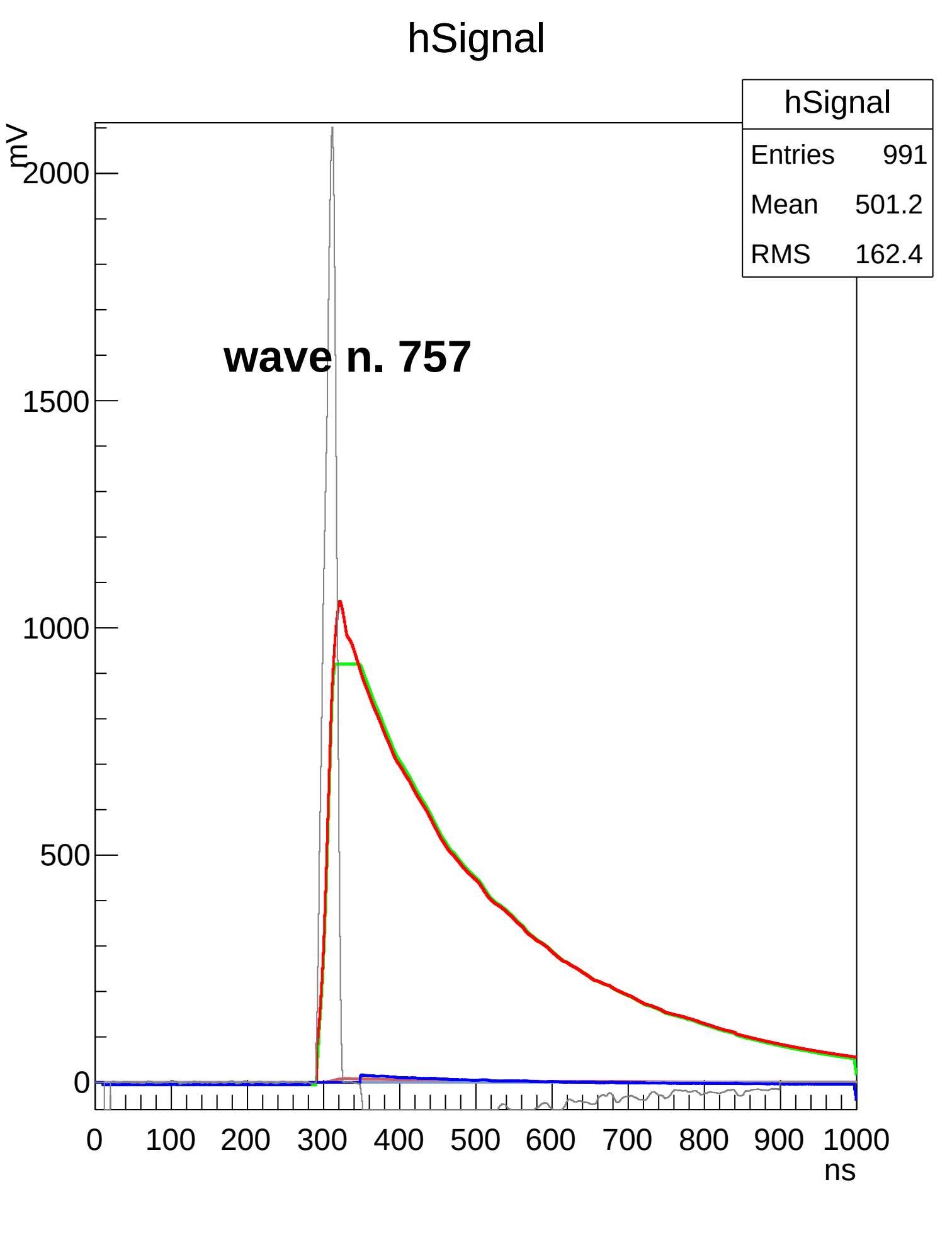
ns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hSignal
Entries 991
Mean 501.2
RMS 162.4
wave n. 757
mV
2000
1500
1000
500
0
0
100
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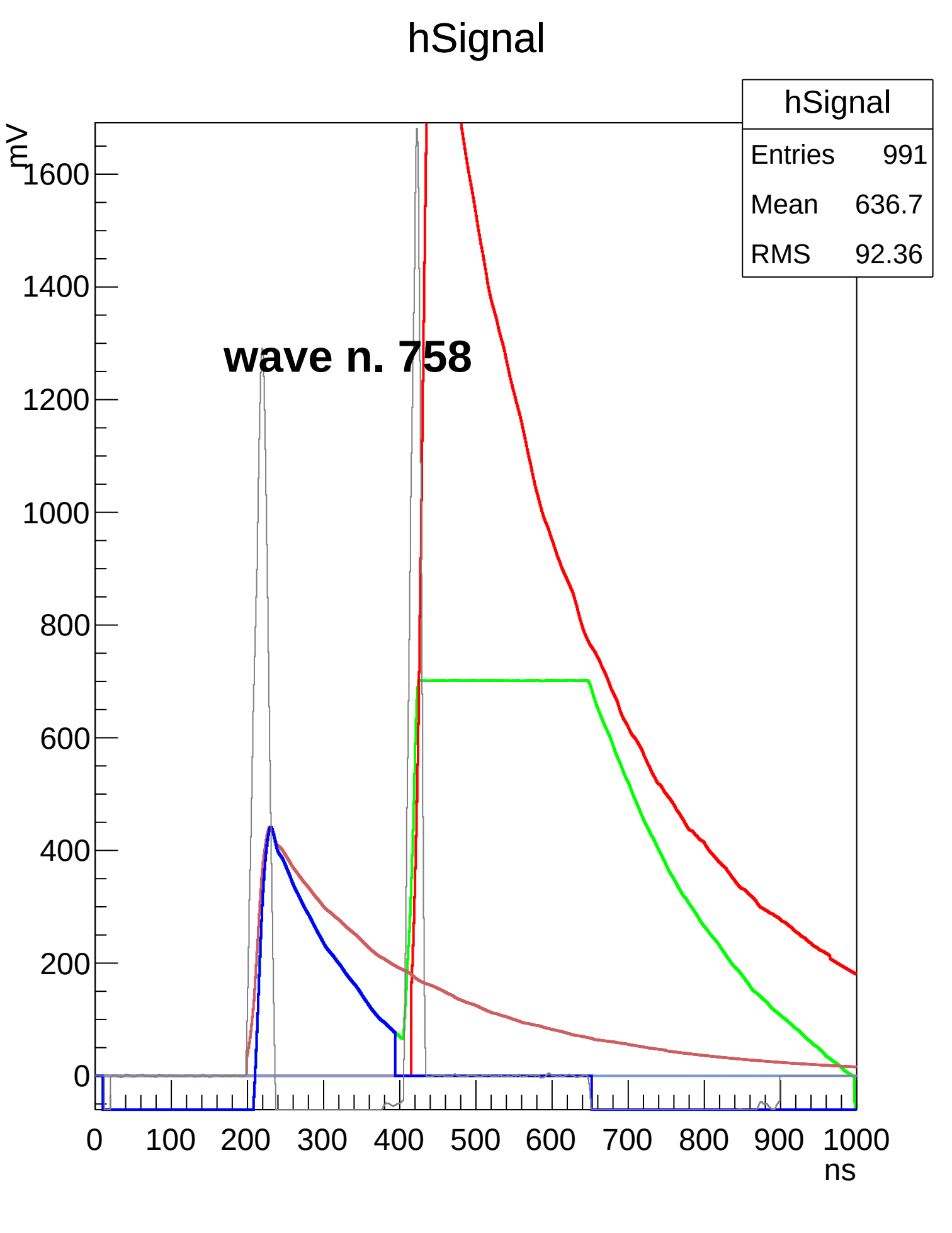
800
900
1000
ns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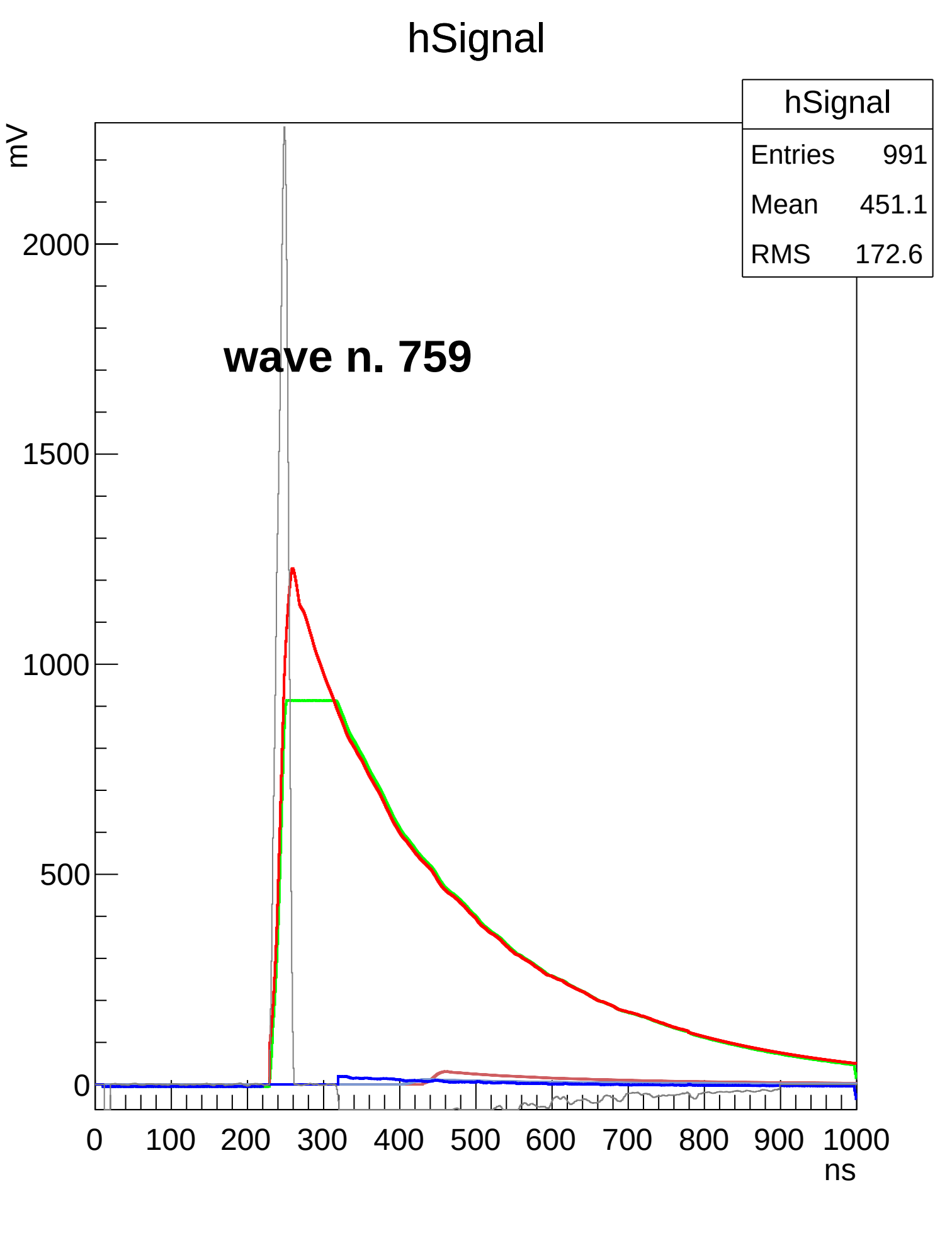
hSignal
Entries 991
Mean 636.7
RMS 92.36
wave n. 758
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 451.1
RMS 172.6
wave n. 759
mV
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1500
1000
500
0
0
100
200
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400
500
600
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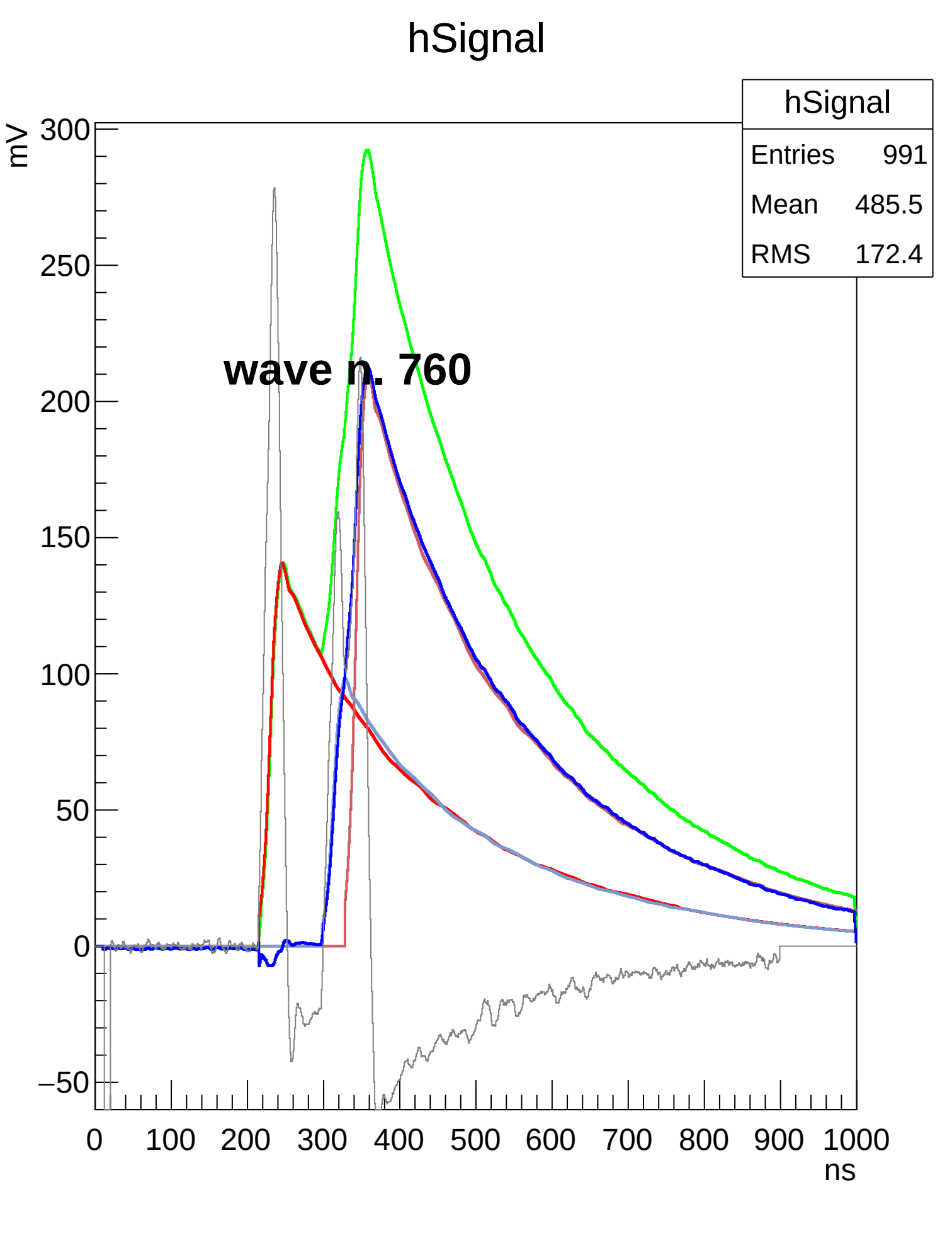
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485.5
RMS 172.4
wave n. 760
mV
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250
200
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100
50
0
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0
100
200
300
400
500
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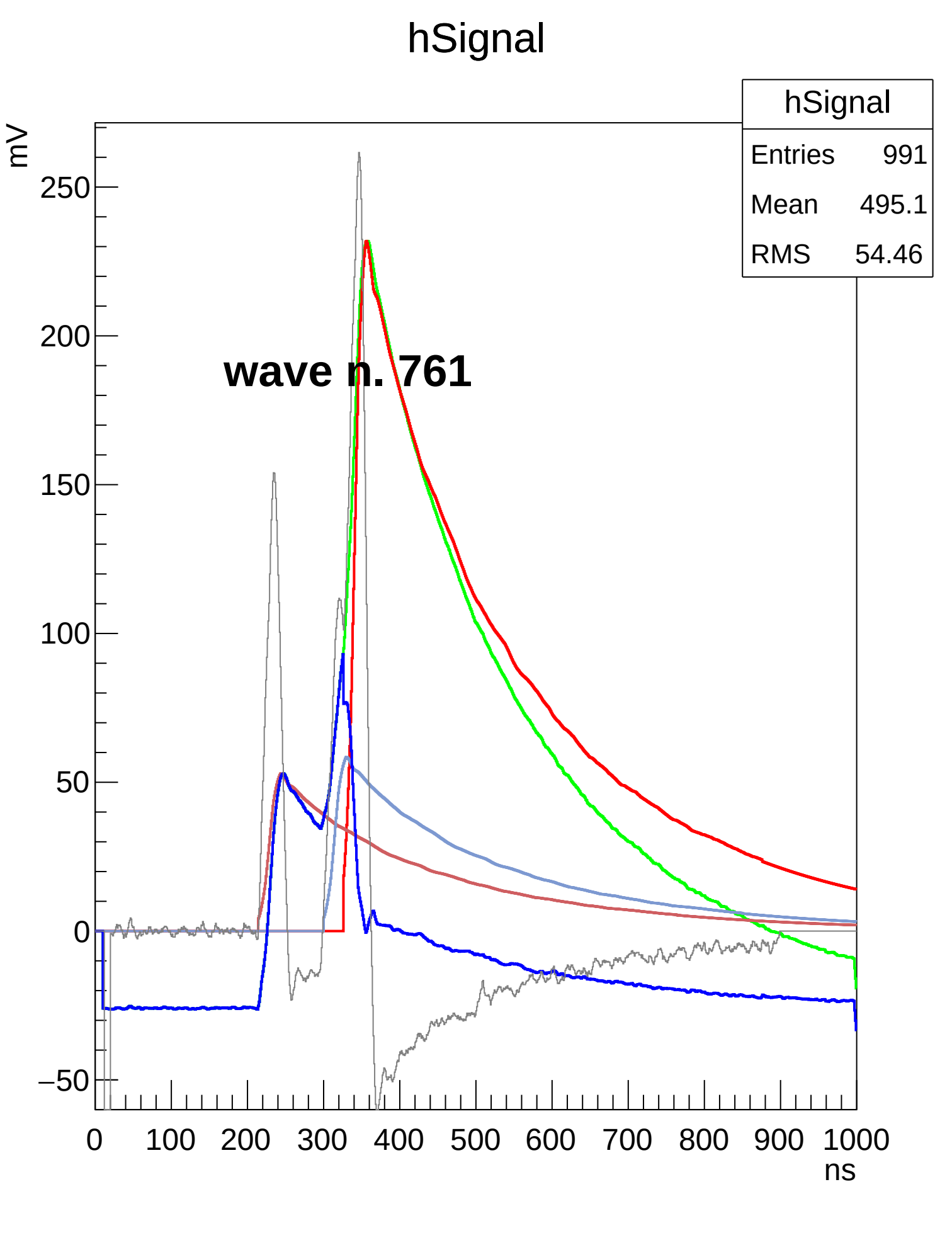
800
900
1000
ns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Entries 991
Mean 495.1
RMS 54.46
wave n. 761
mV
250
200
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100
50
0
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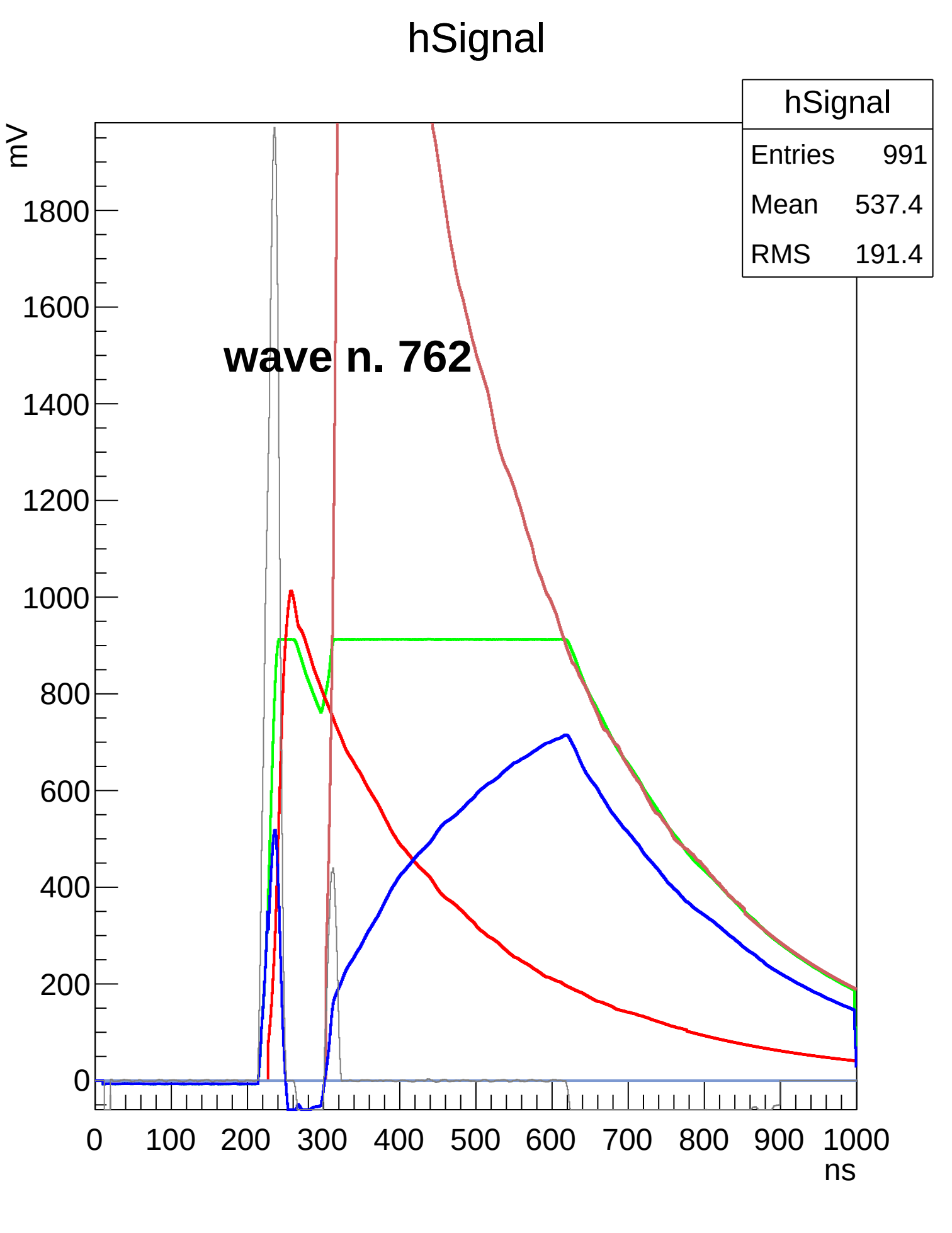
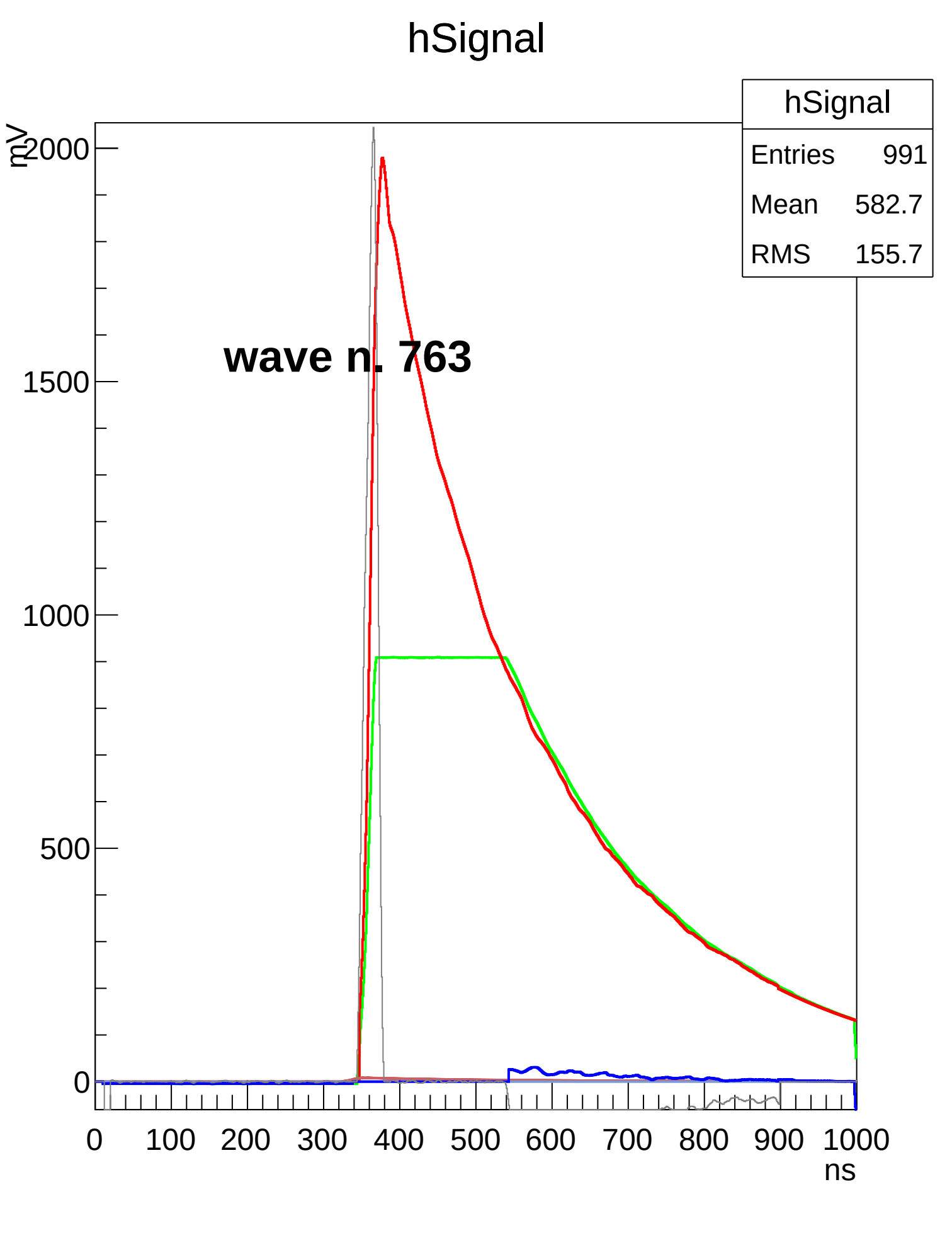
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 537.4
RMS 191.4
wave n. 762
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 582.7
RMS 155.7
wave n. 763
mV
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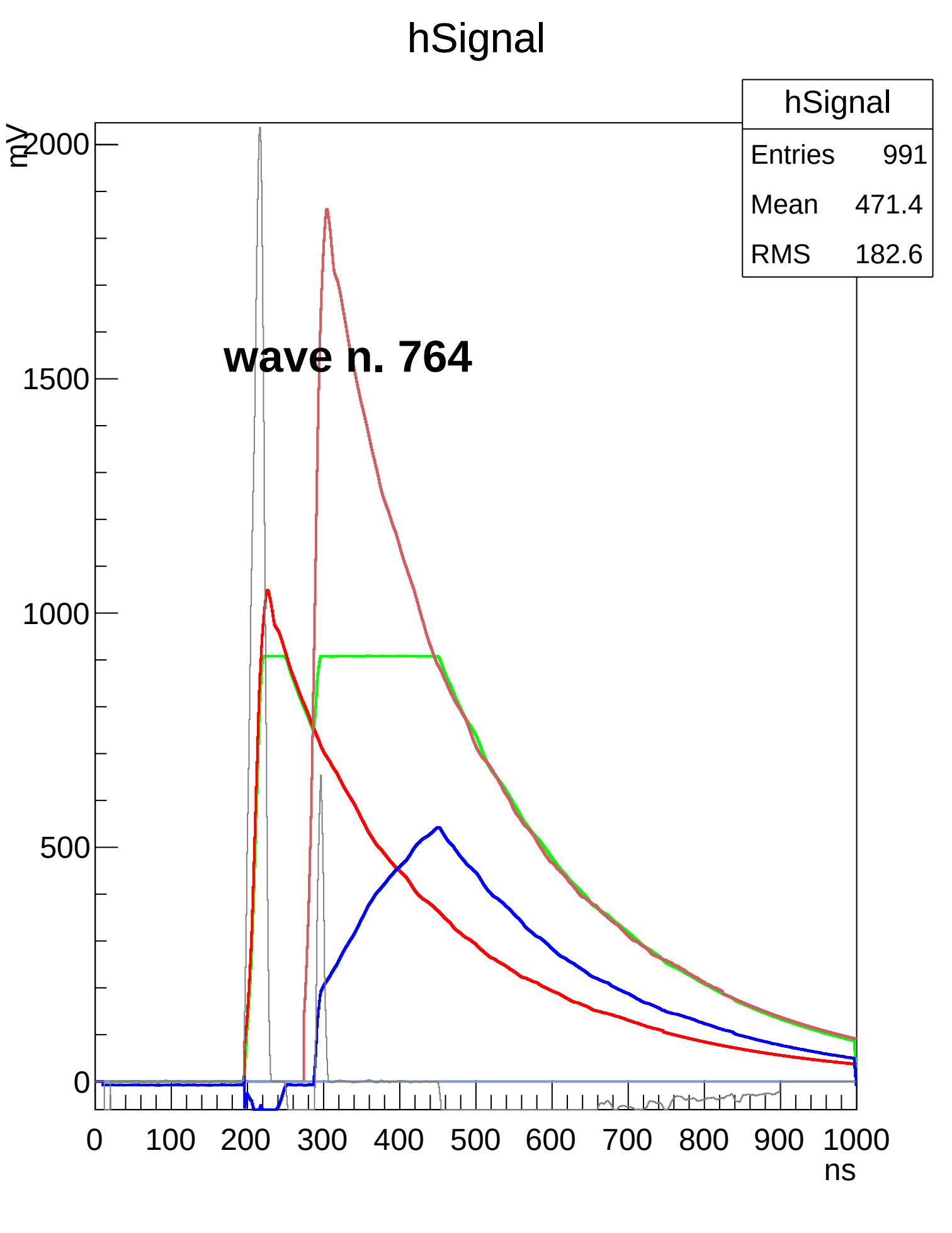
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 471.4
RMS 182.6
wave n. 764
mV
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1500
1000
500
0
0
100
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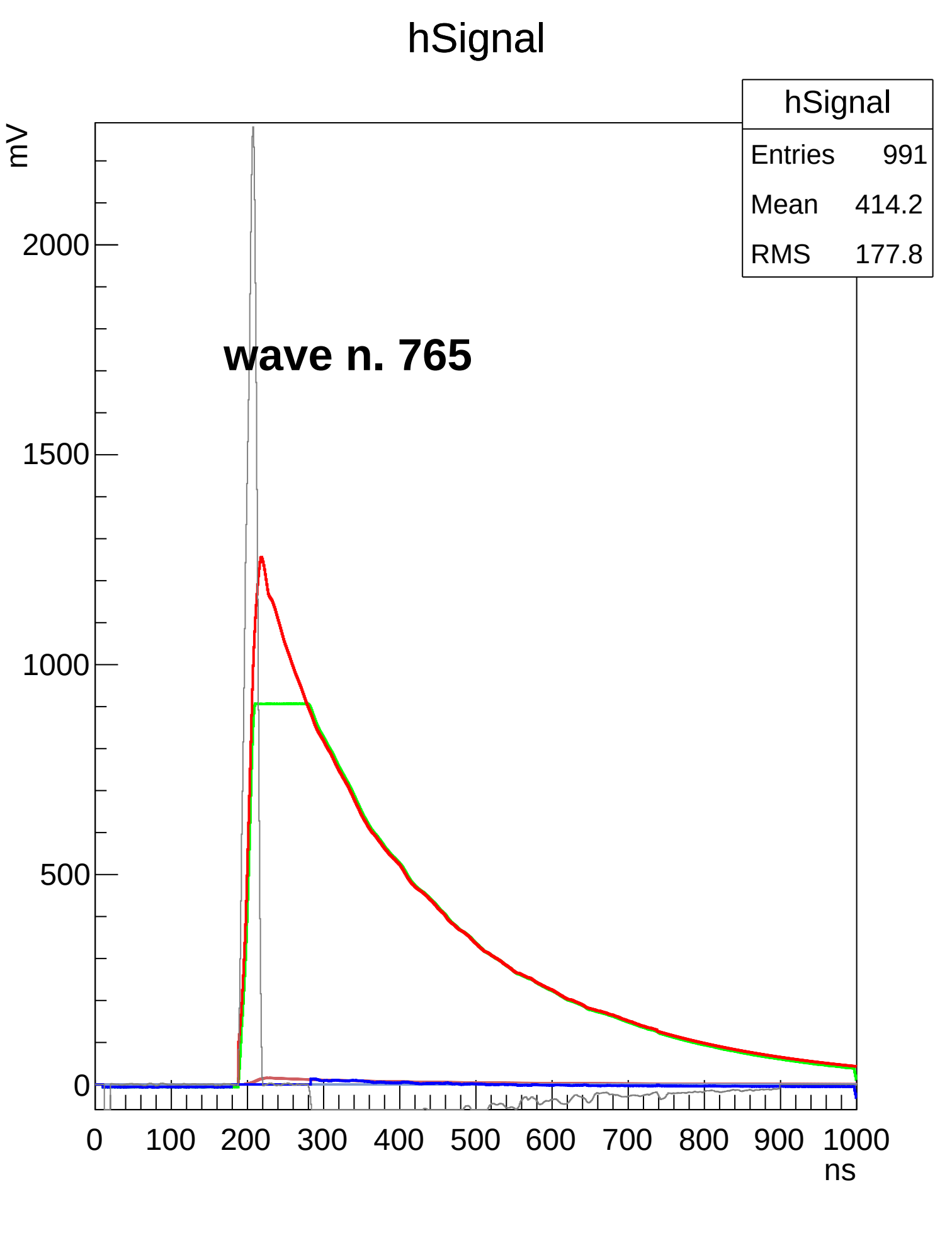
800
900
1000
ns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hSignal
Entries 991
Mean 414.2
RMS 177.8
wave n. 765
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1000
500
0
0
100
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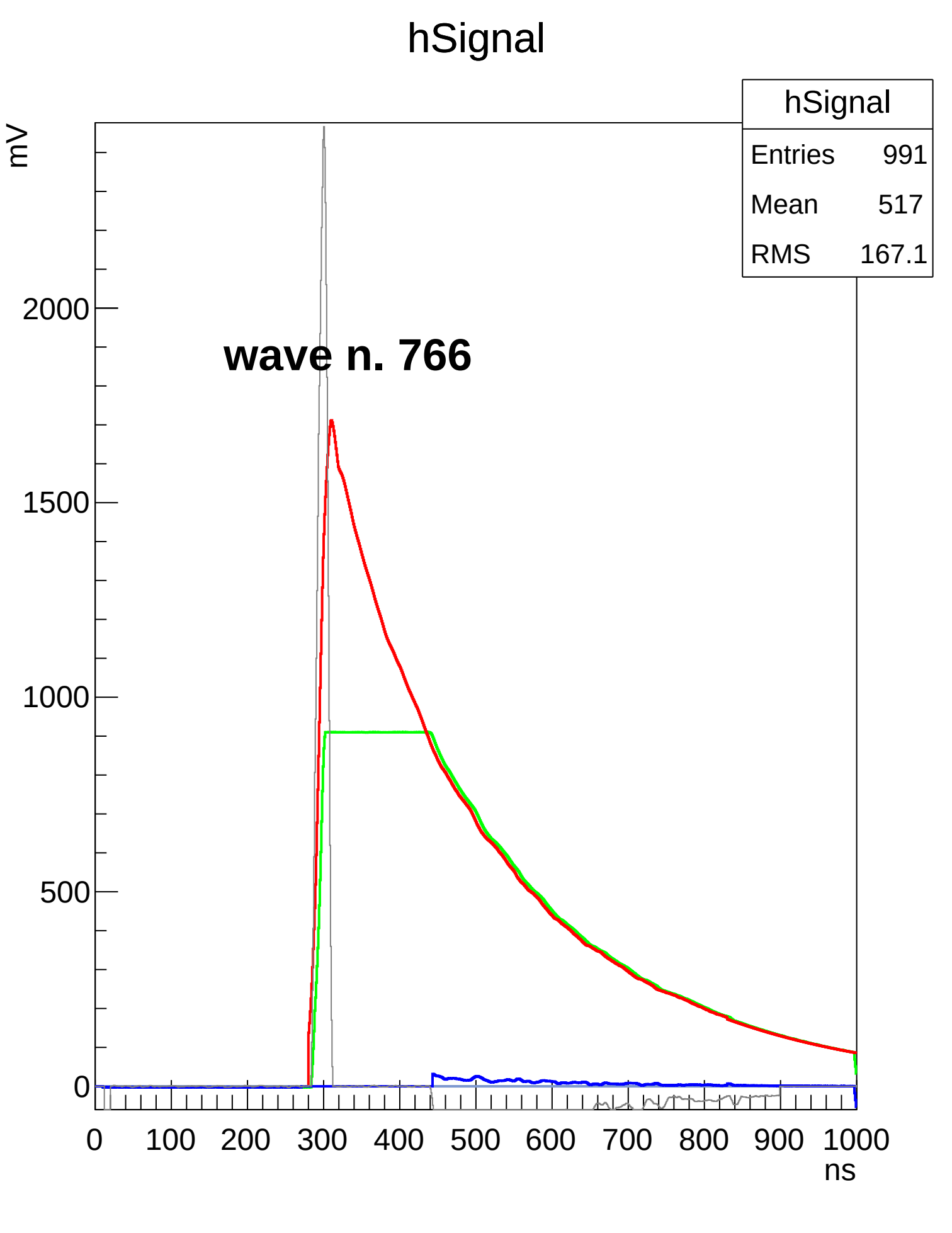
800
900
1000
ns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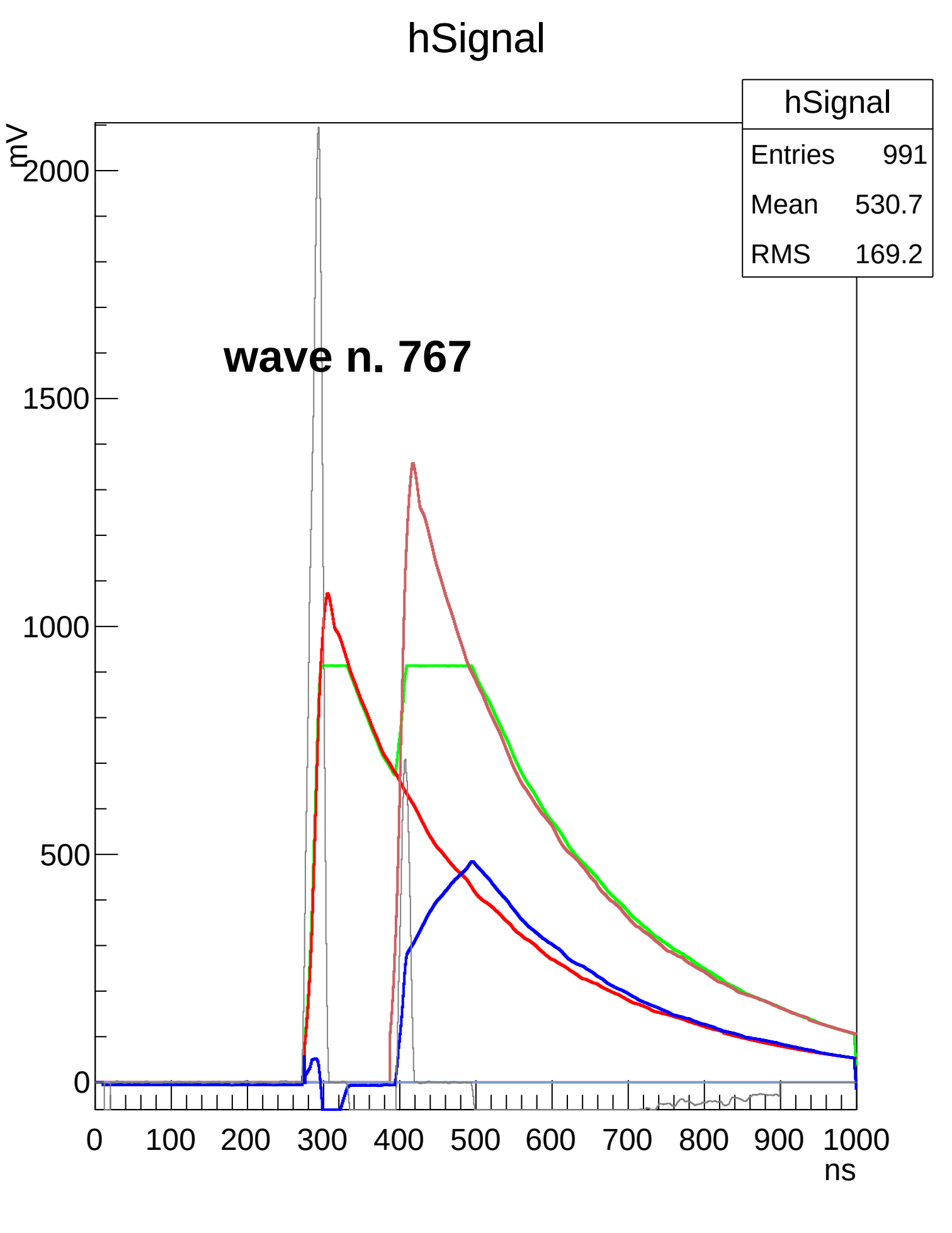
hSignal
Entries 991
Mean 517
RMS 167.1
wave n. 766
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 530.7
RMS 169.2
wave n. 767
mV
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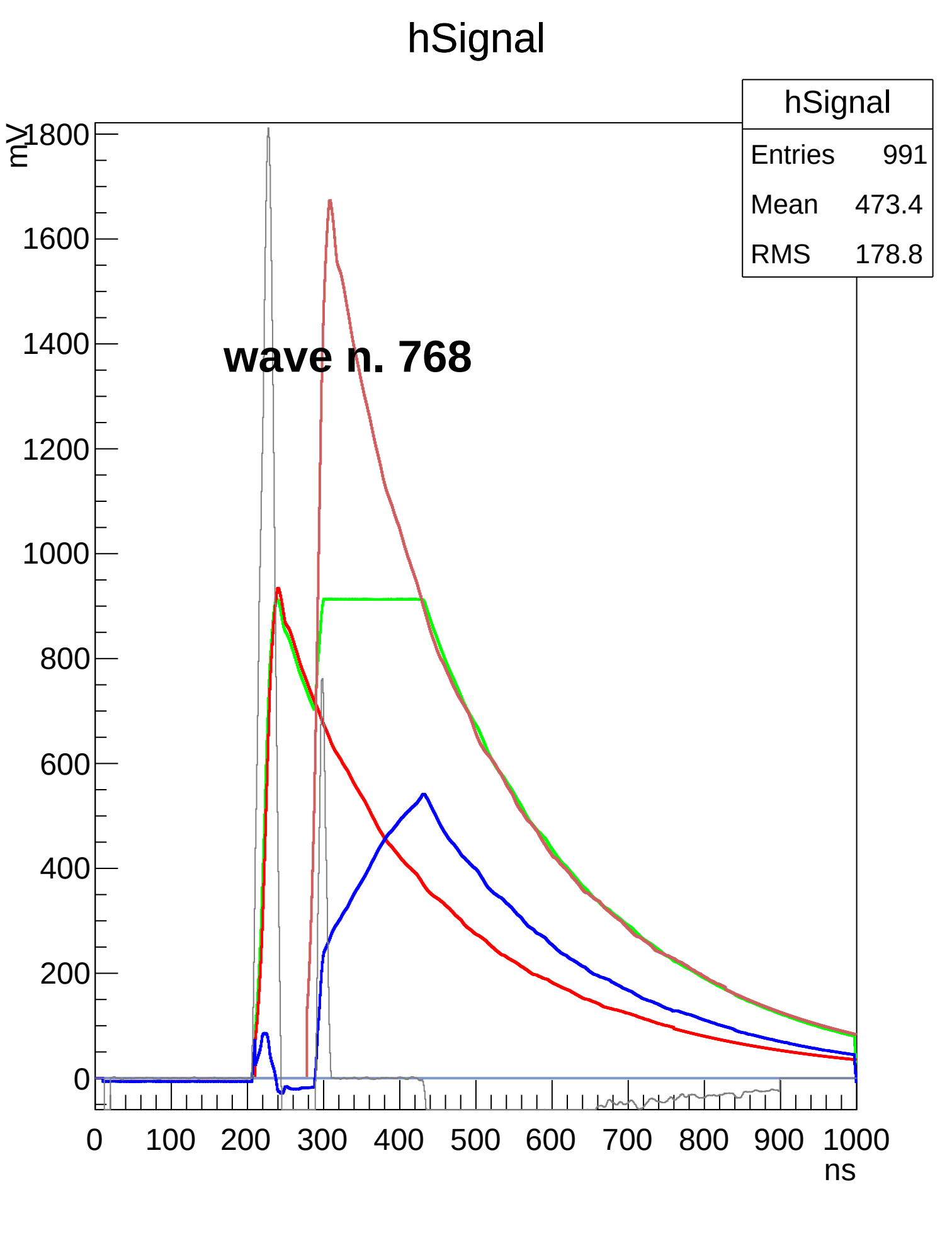
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 473.4
RMS 178.8
wave n. 768
mV
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1600
1400
1200
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800
600
400
200
0
0
100
200
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400
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800
900
1000
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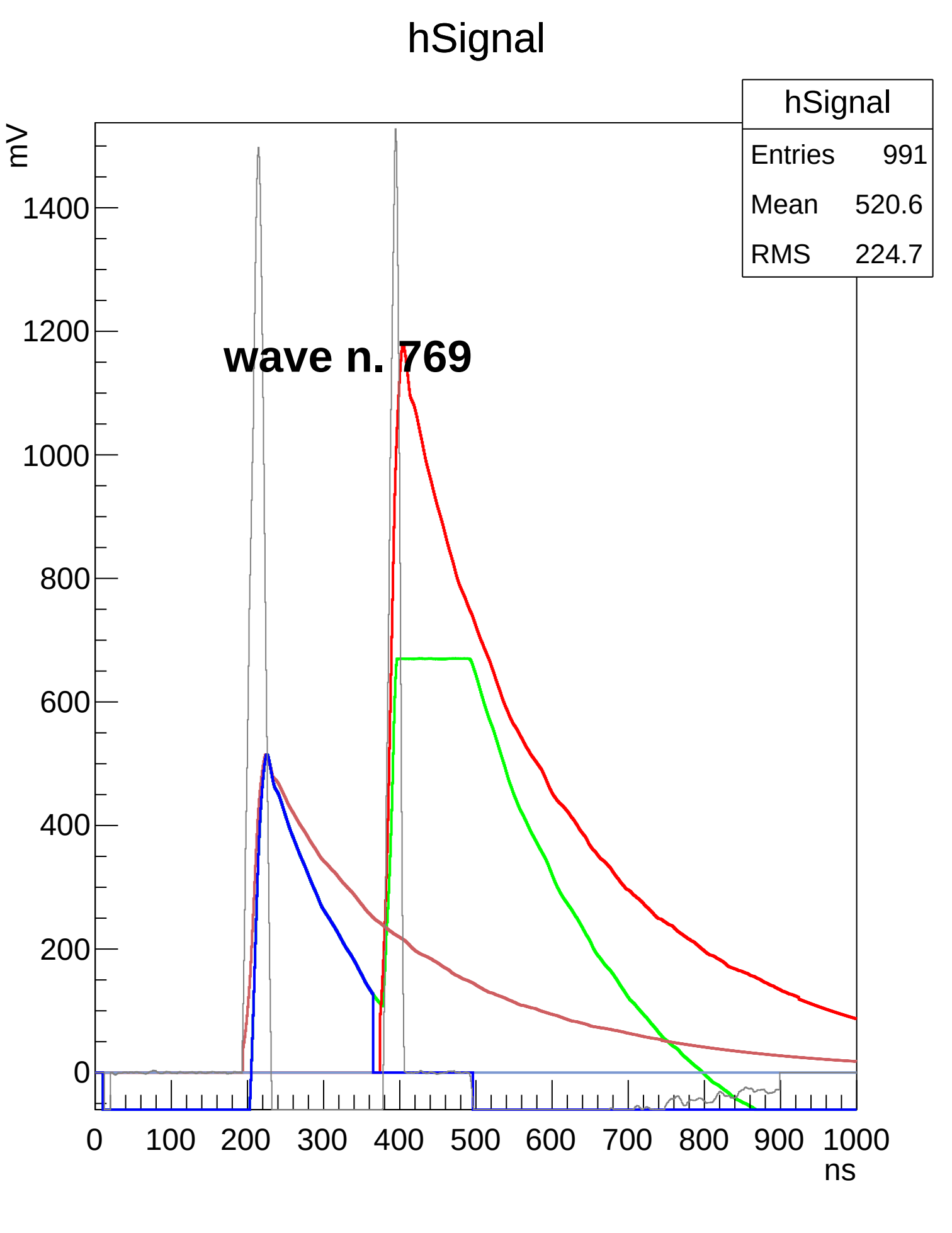
hSignal
hSignal
Entries 991
Mean 520.6
RMS 224.7
wave n. 769
mV
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1200
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400
200
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0
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400
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1000
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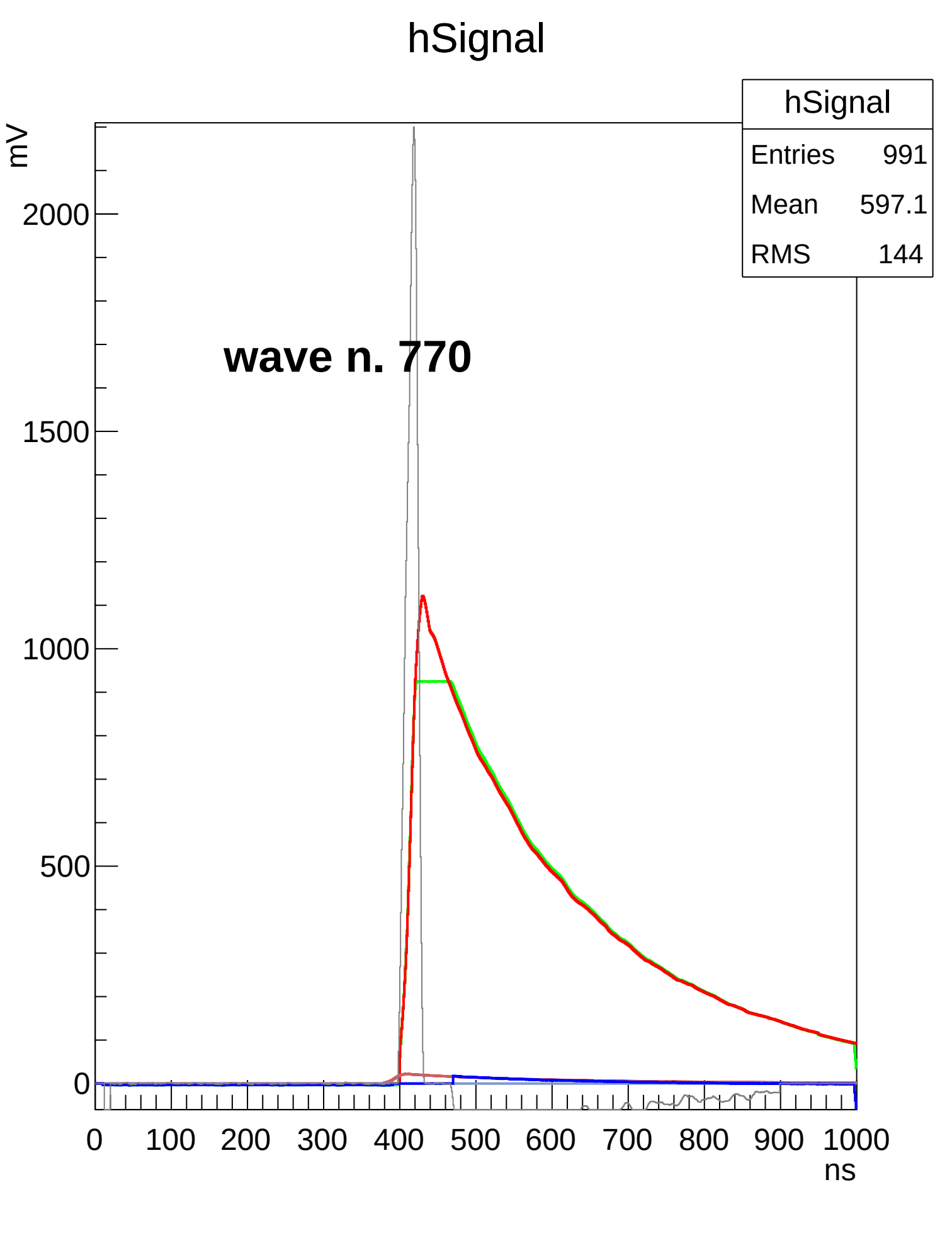
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hSignal
Entries 991
Mean 597.1
RMS 144
wave n. 770
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1000
500
0
0
100
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1000
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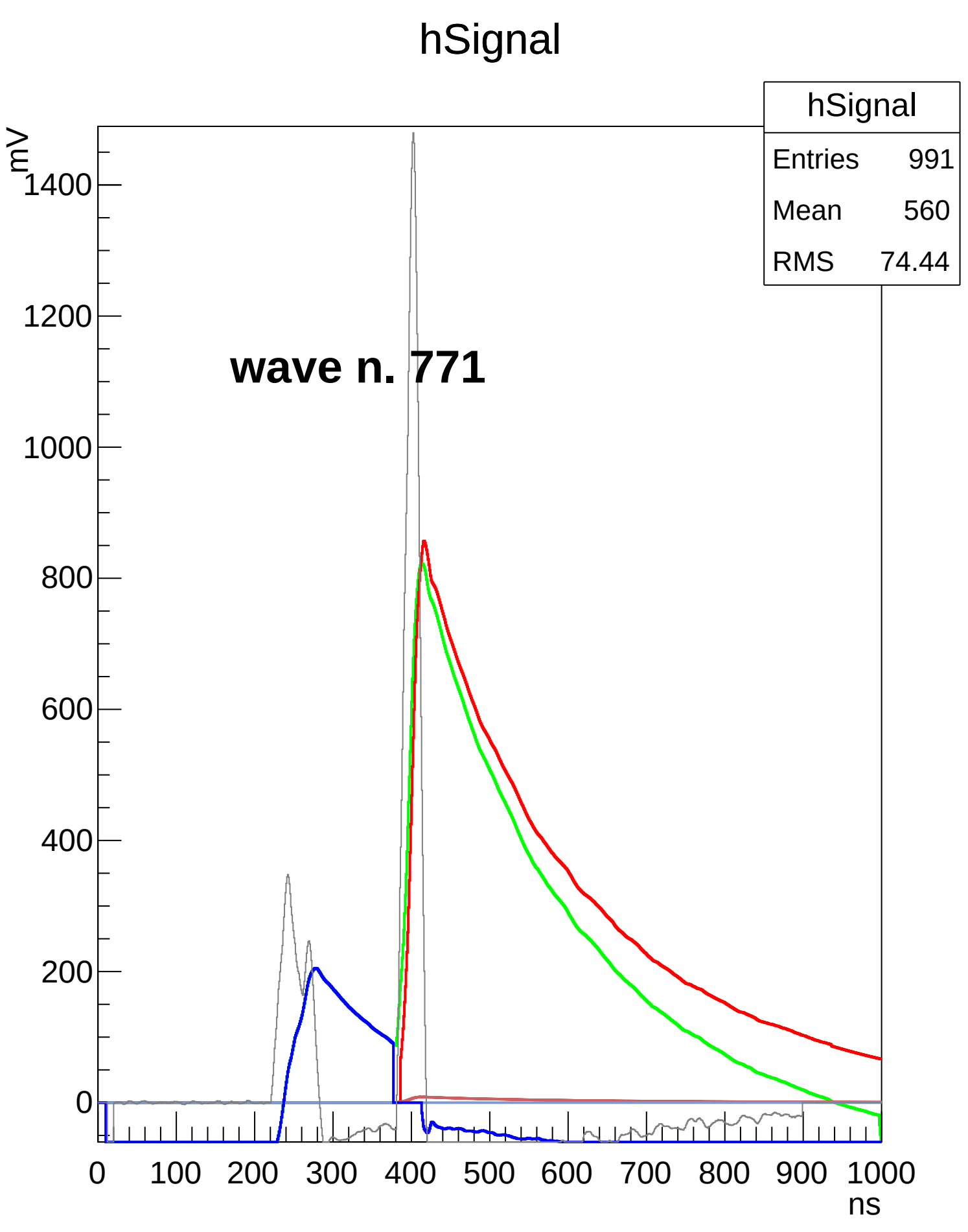
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hSignal
Entries 991
Mean 560
RMS 74.44
wave n. 771
mV
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1200
1000
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400
200
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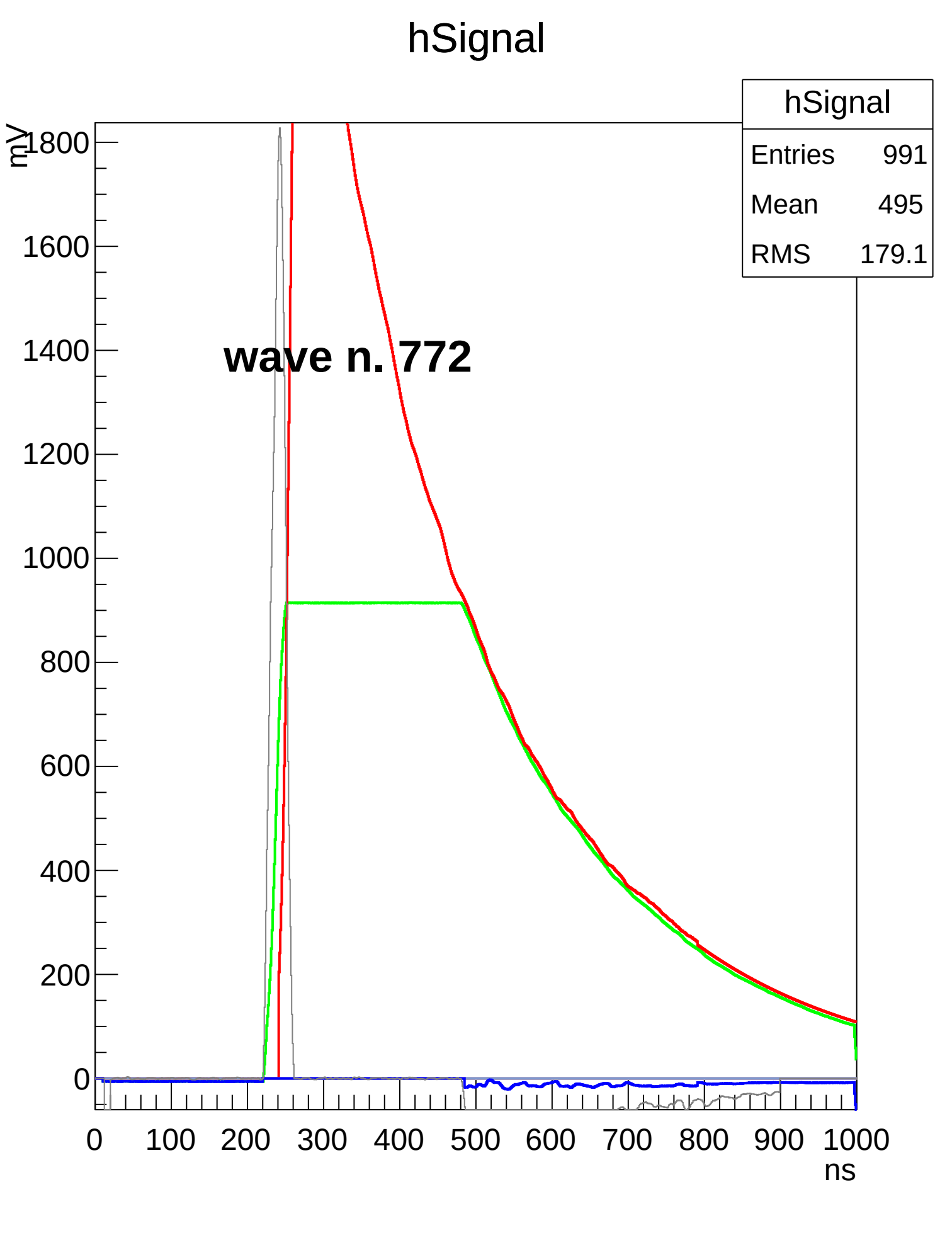
ns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Entries 991
Mean 495
RMS 179.1
wave n. 772
mV
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1200
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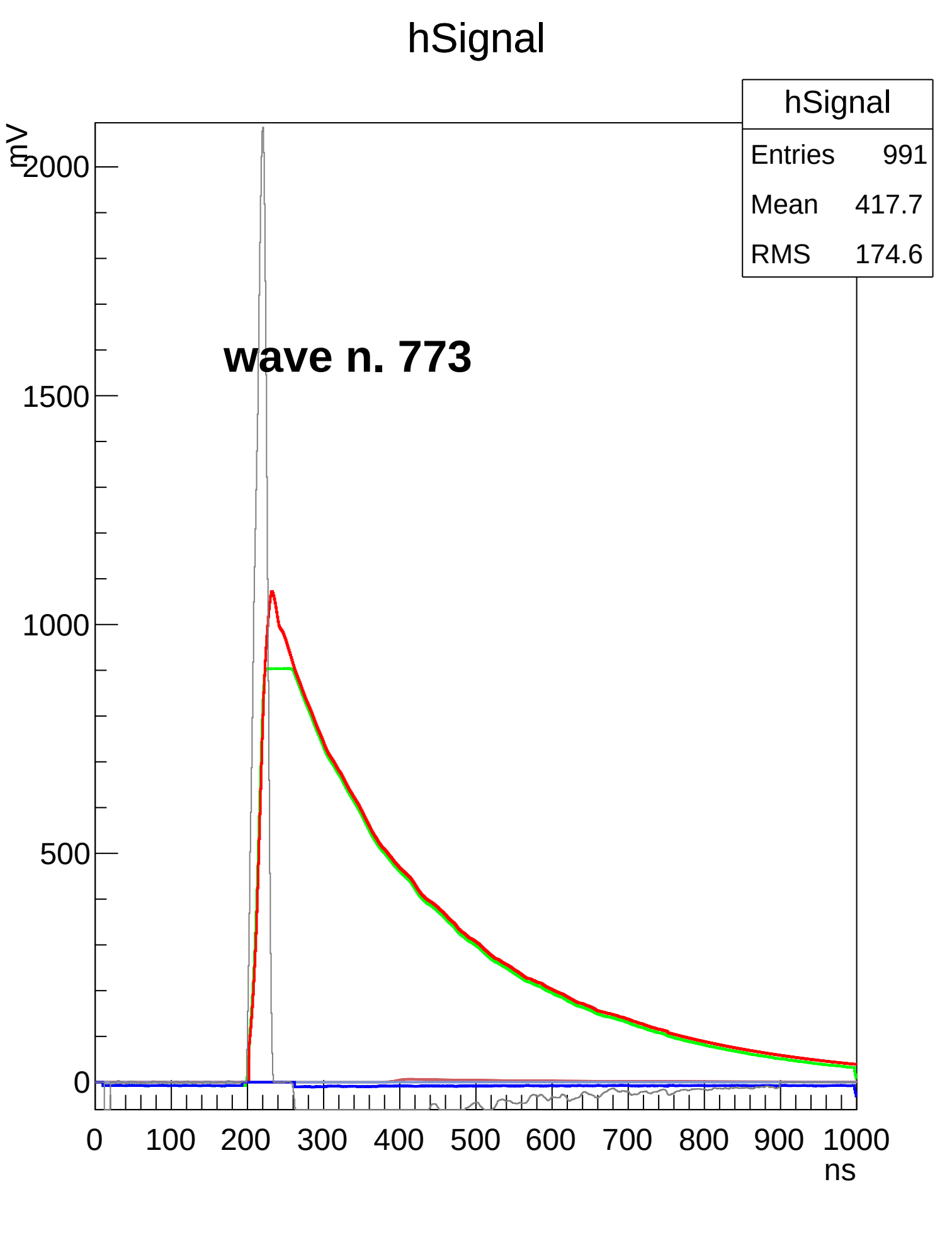
ns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hSignal
Entries 991
Mean 417.7
RMS 174.6
wave n. 773
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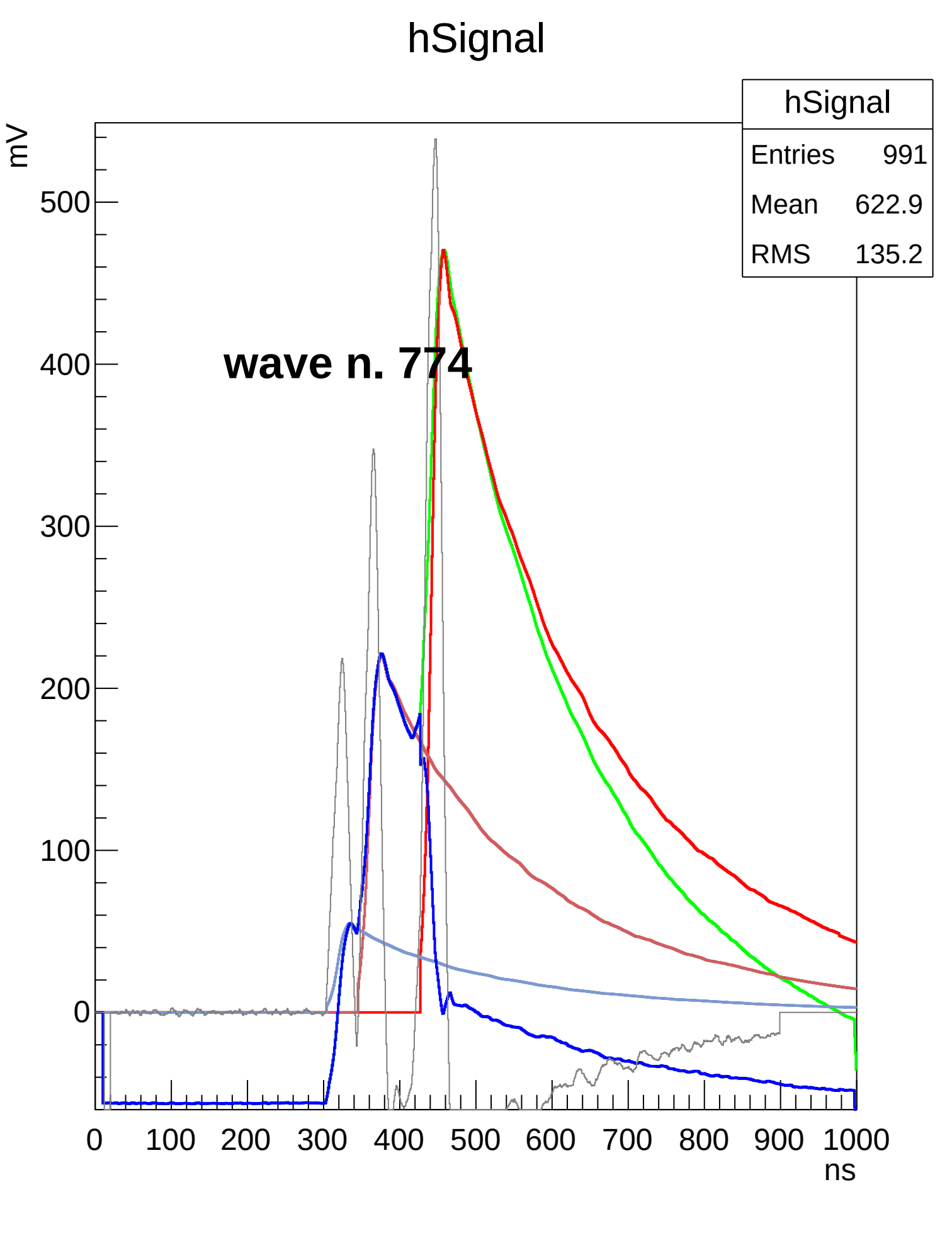
1000
ns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hSignal
Entries 991
Mean 622.9
RMS 135.2
wave n. 774
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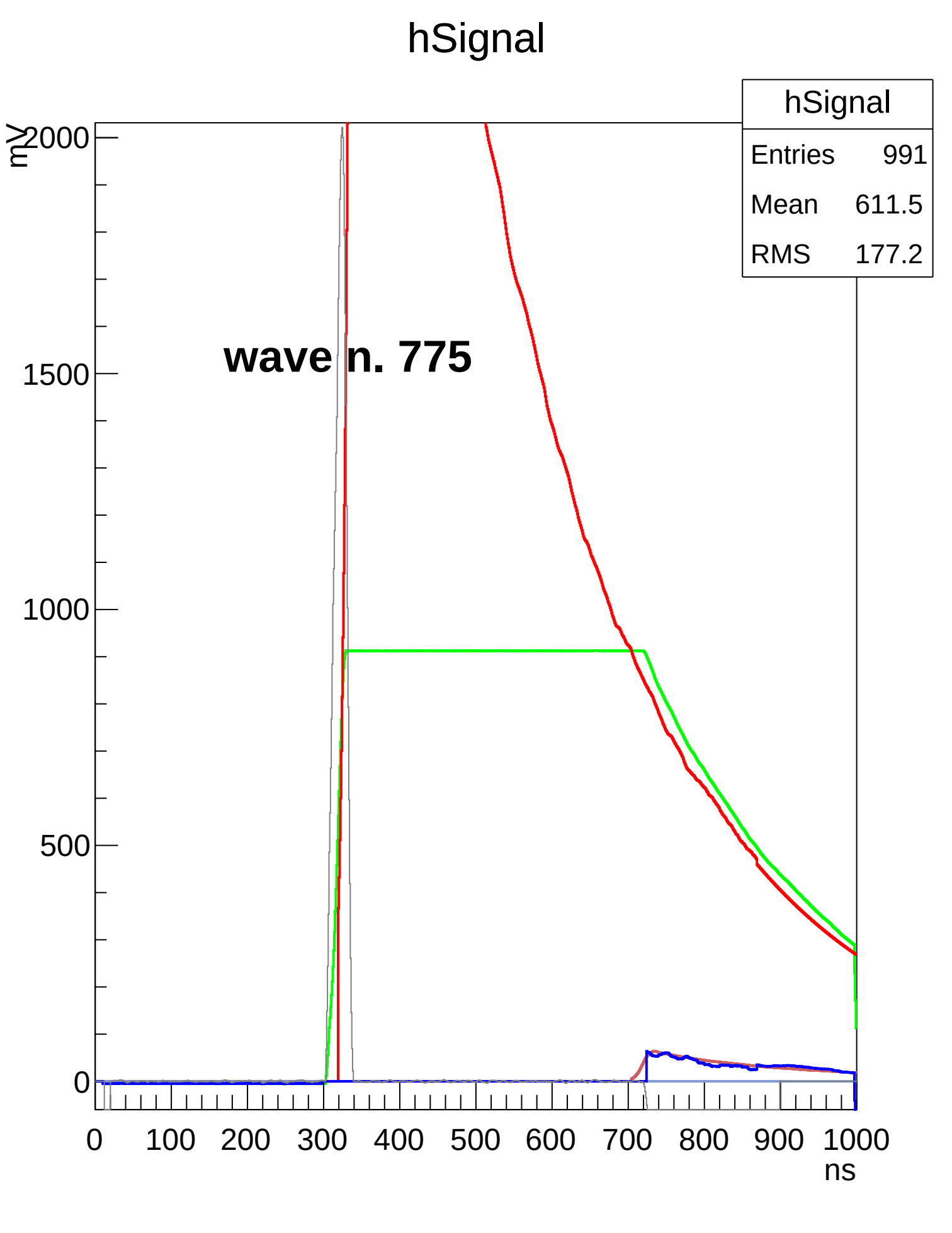
ns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hSignal
Entries 991
Mean 611.5
RMS 177.2
wave n. 775
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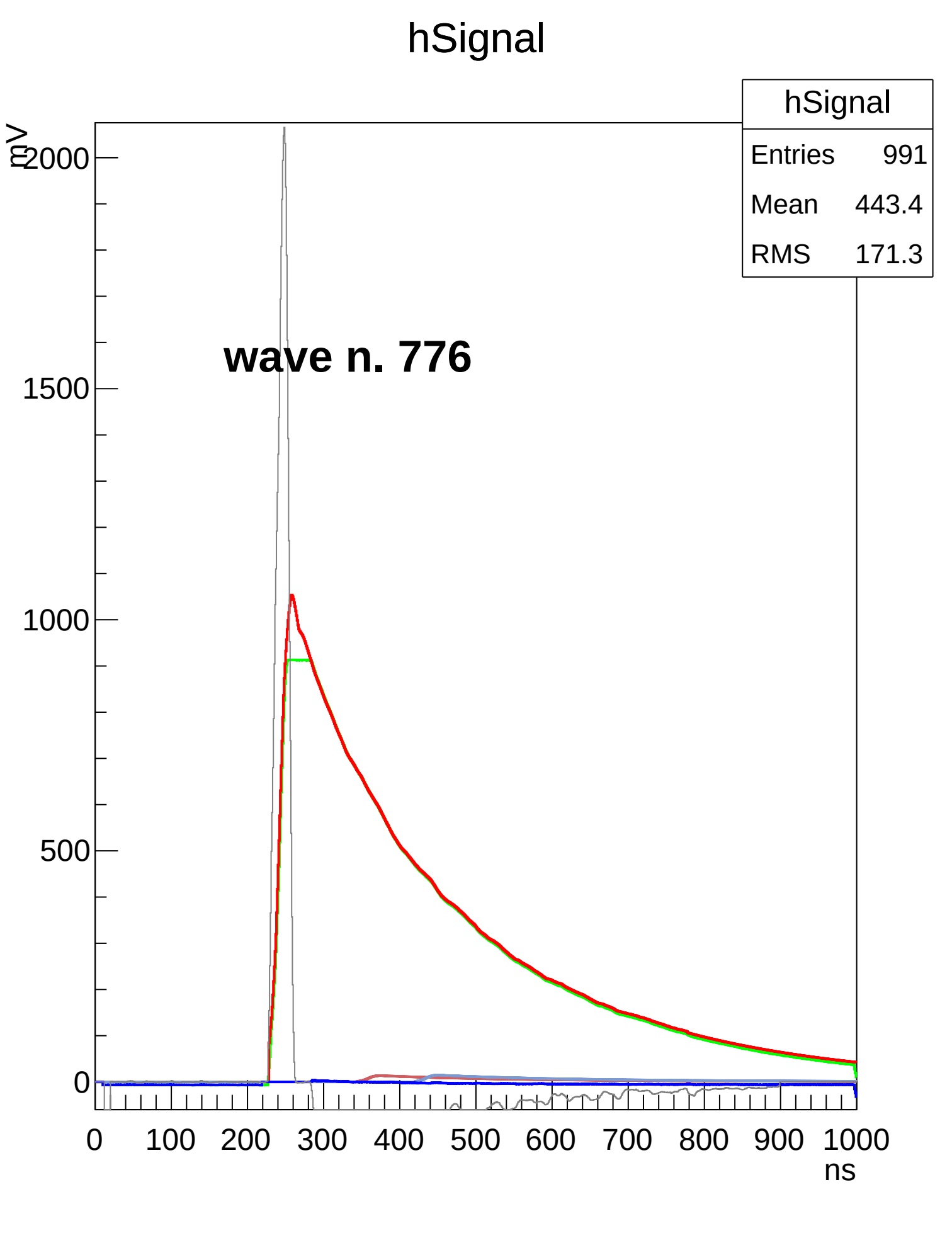
hSignal
hSignal
Entries 991
Mean 443.4
RMS 171.3
wave n. 776
mV
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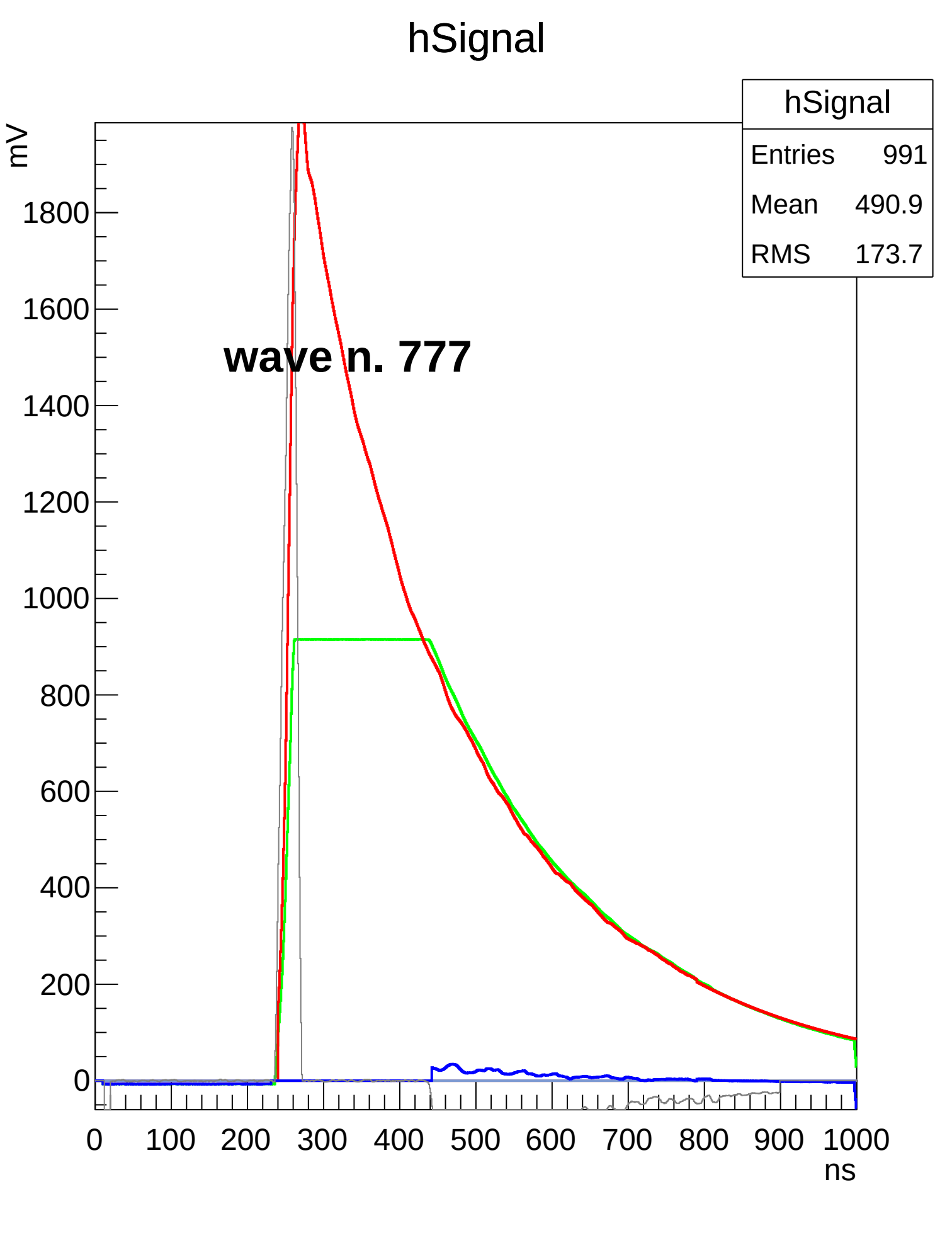
hSignal
hSignal
Entries 991
Mean 490.9
RMS 173.7
wave n. 777
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1400
1200
1000
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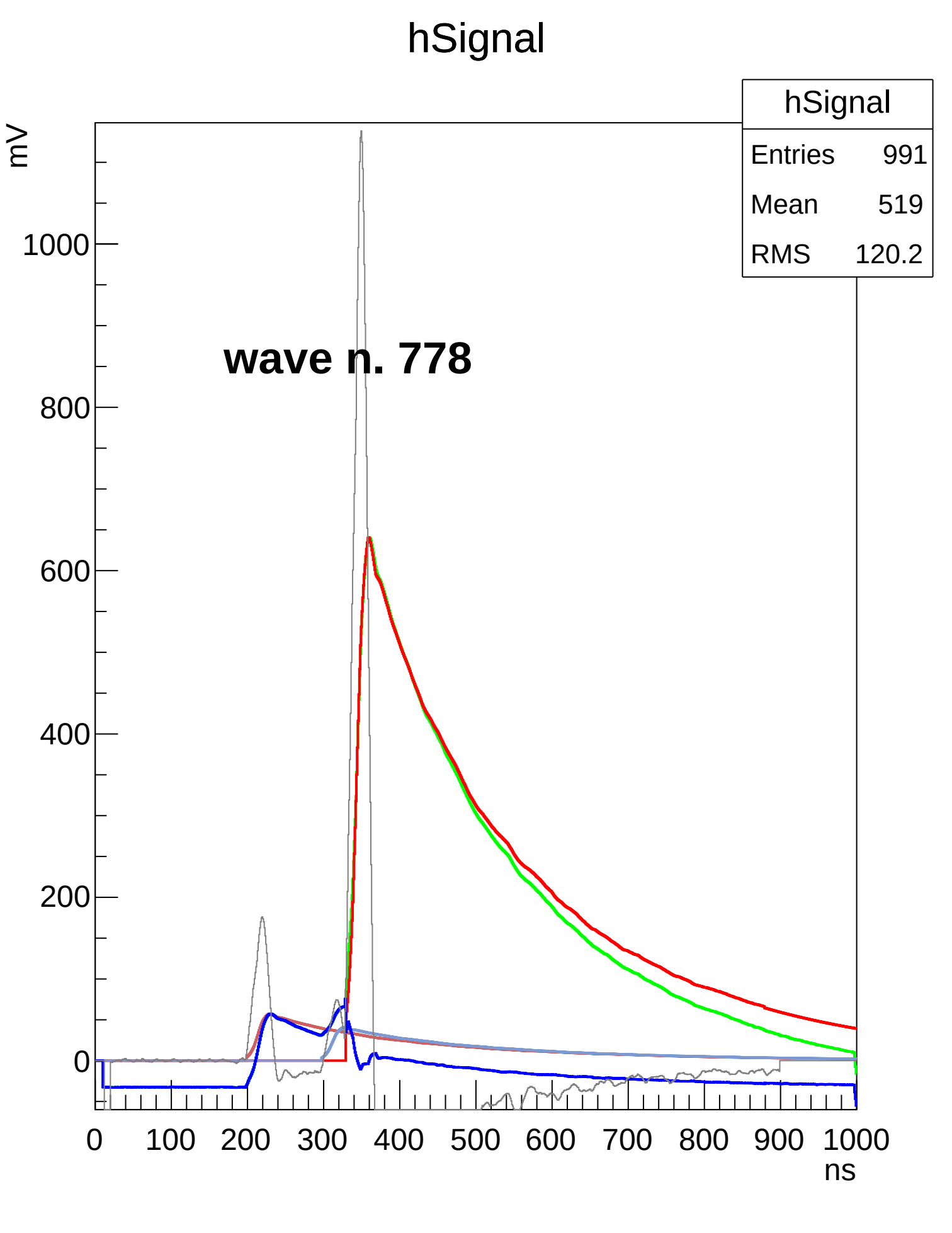
ns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hSignal
Entries 991
Mean 519
RMS 120.2
wave n. 778
mV
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800
600
400
200
0
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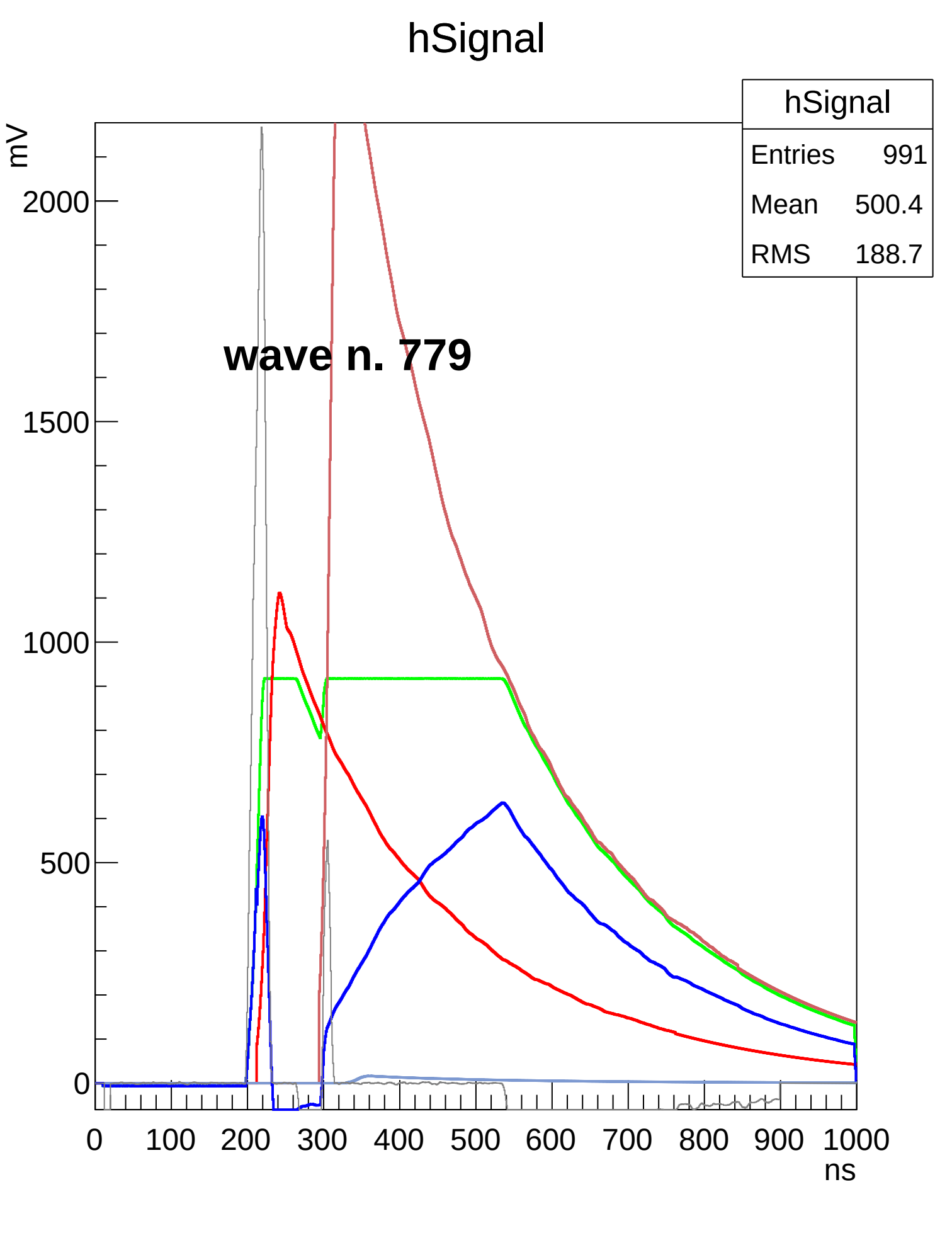
ns


hSignal
hSignal
Entries 991
Mean 500.4
RMS 188.7
wave n. 779
mV
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1500
1000
500
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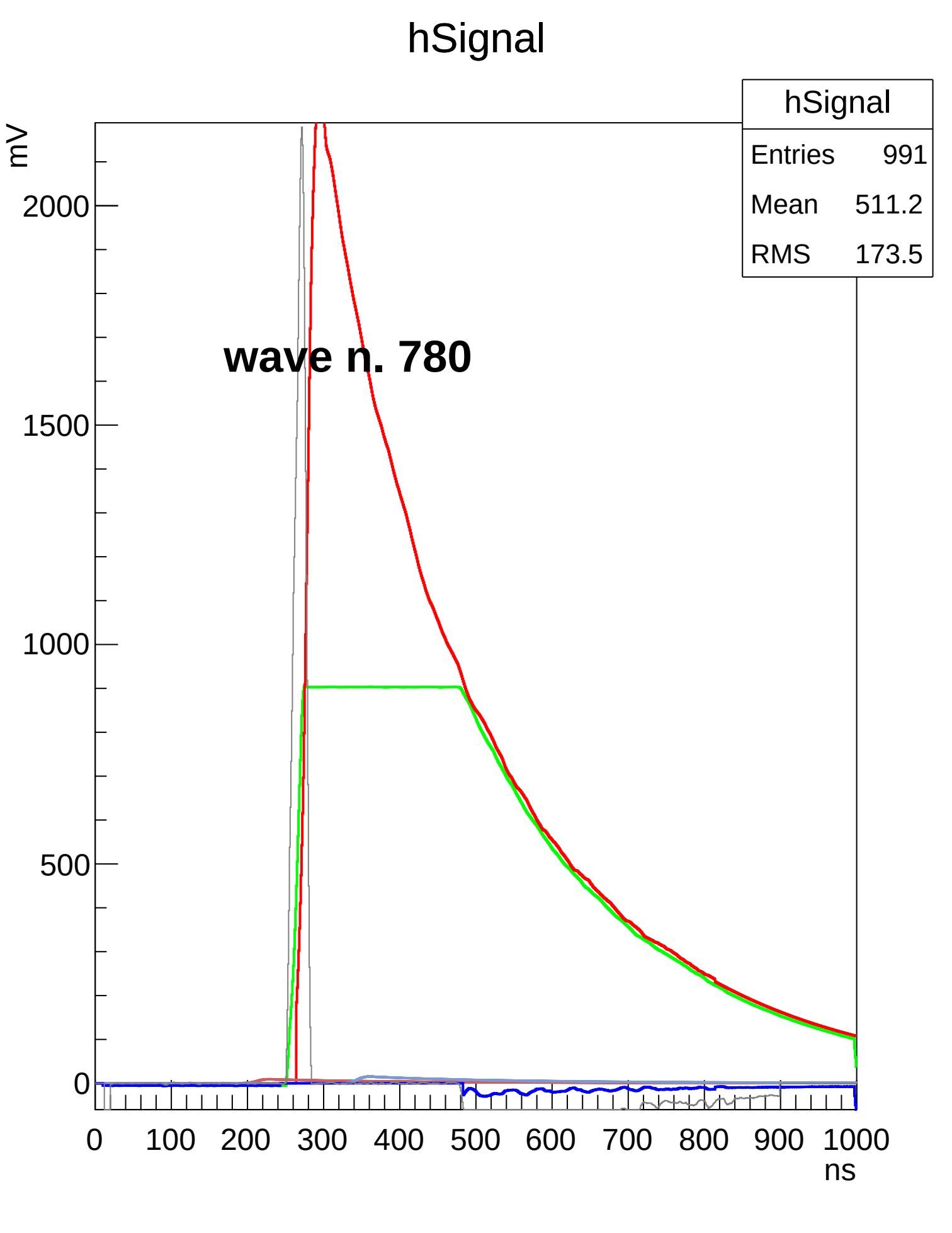
ns


hSignal
hSignal
Entries 991
Mean 511.2
RMS 173.5
wave n. 780
mV
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1500
1000
500
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0
100
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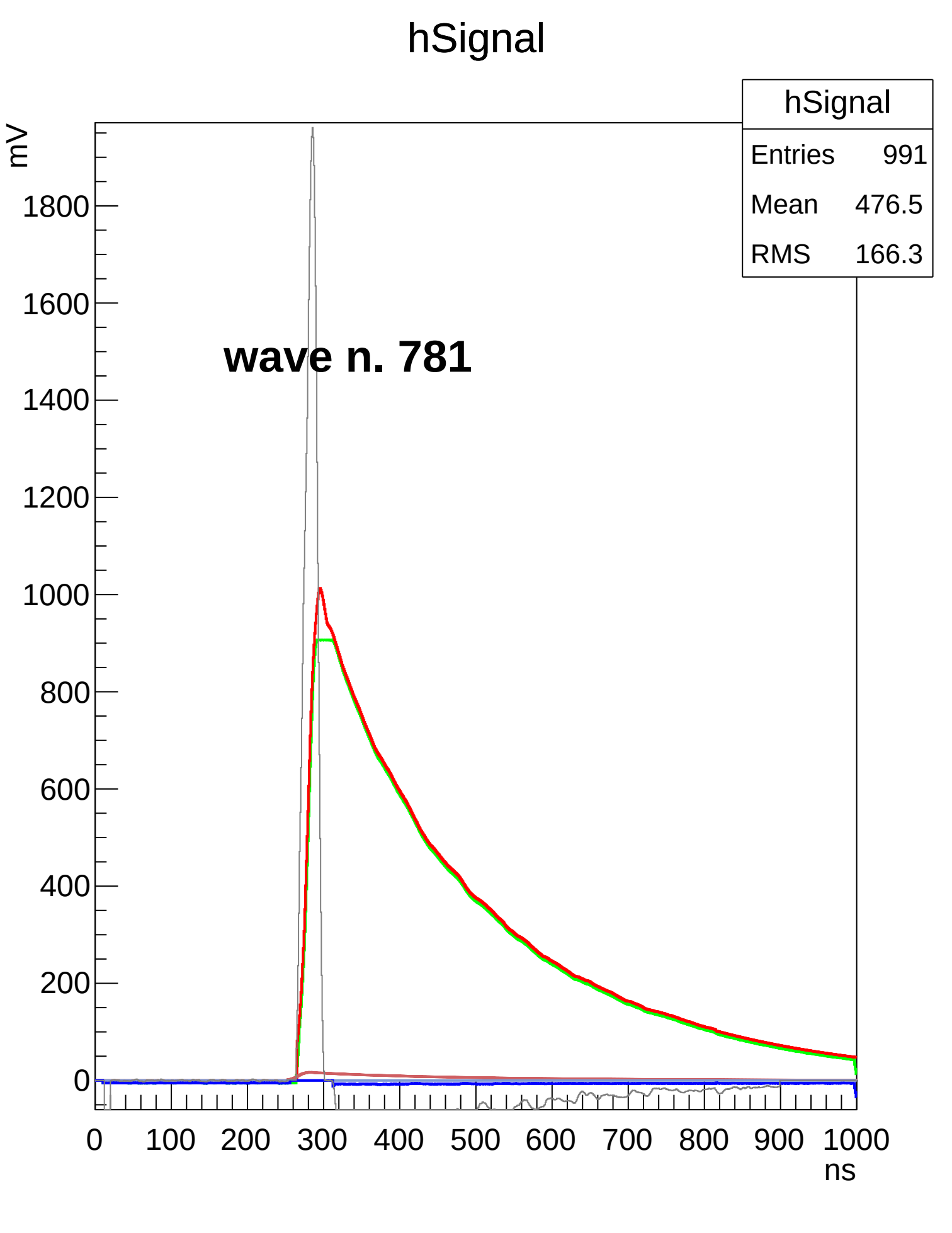
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 476.5
RMS 166.3
wave n. 781
mV
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1200
1000
800
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400
200
0
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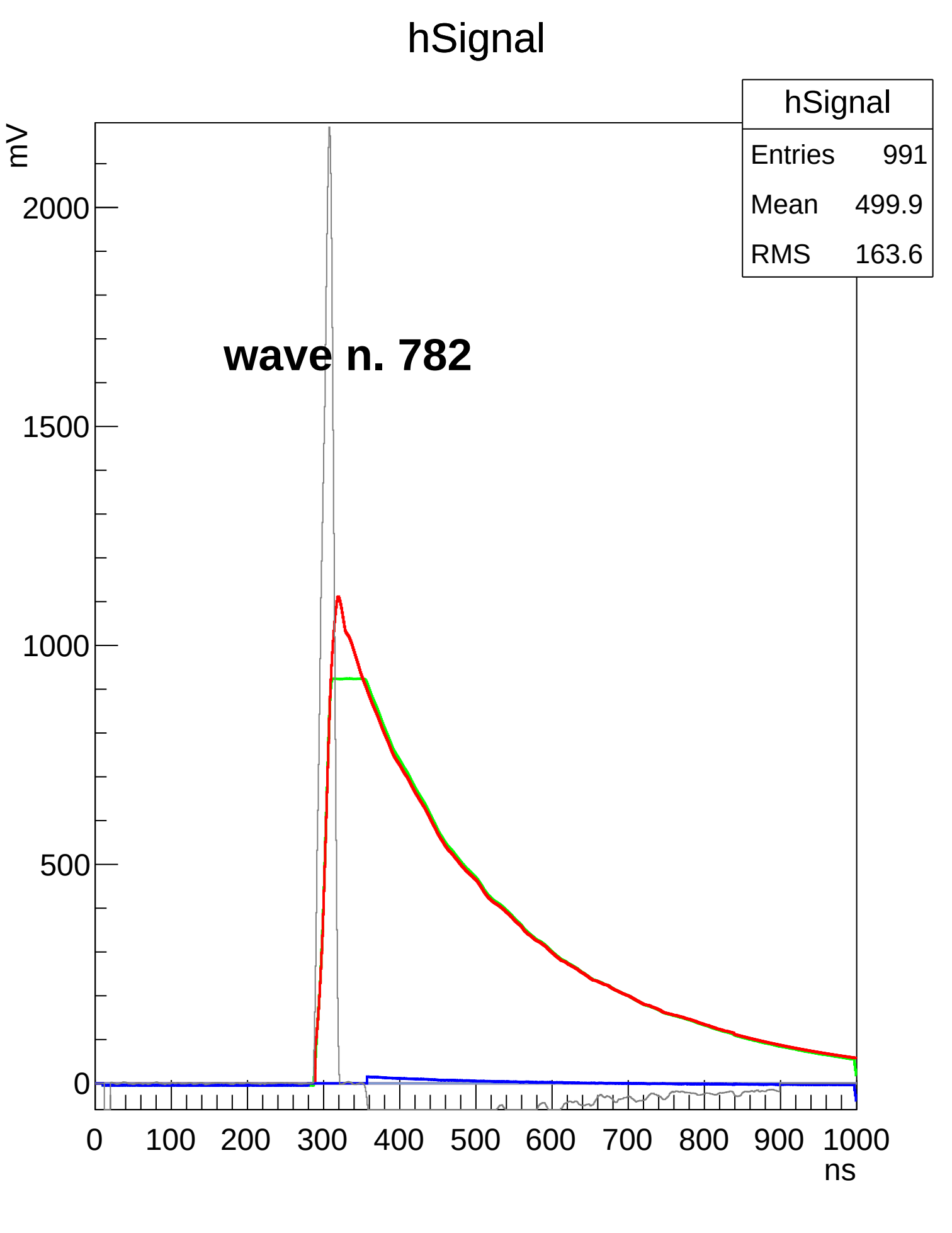
ns


hSignal
hSignal
Entries 991
Mean 499.9
RMS 163.6
wave n. 782
mV
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1500
1000
500
0
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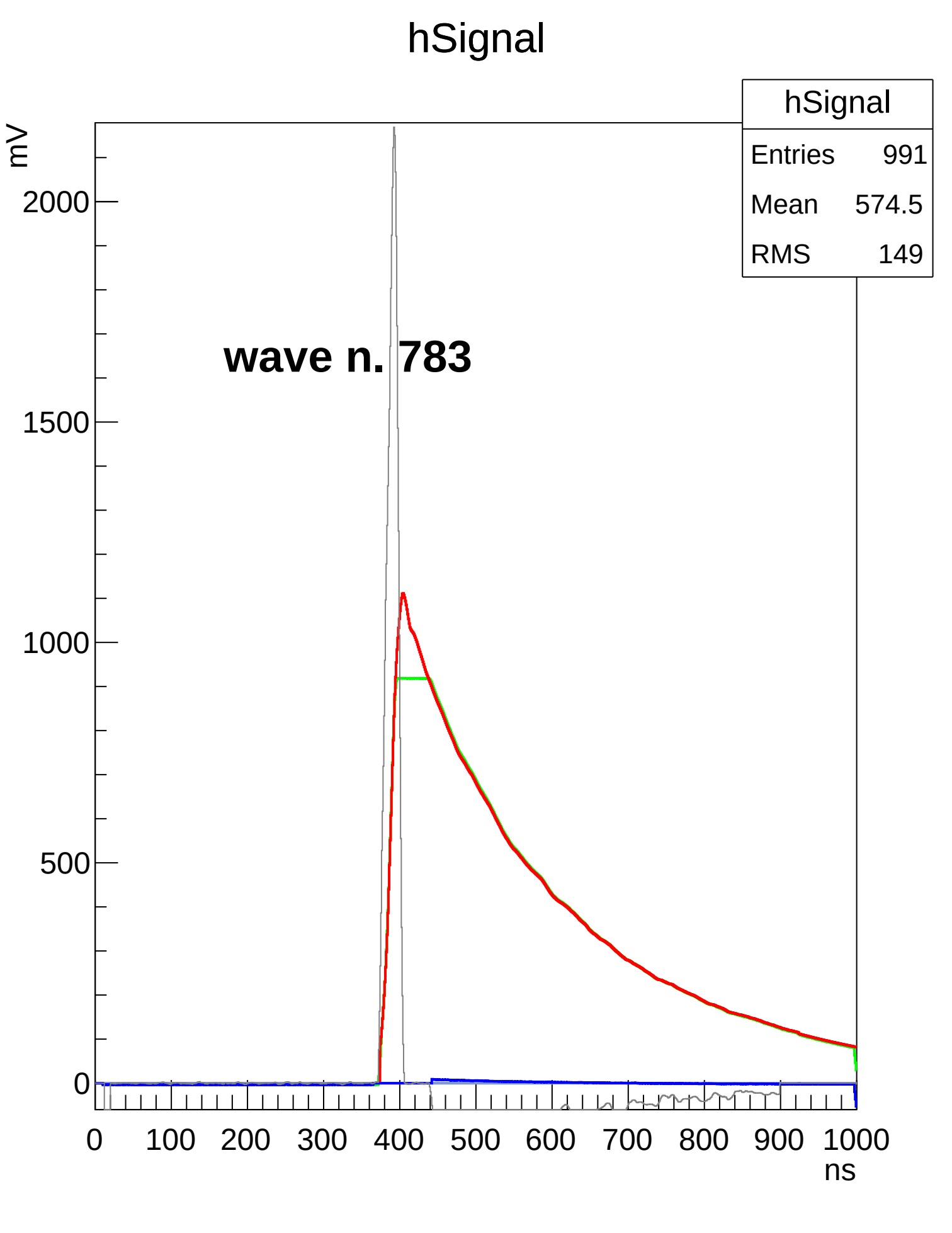
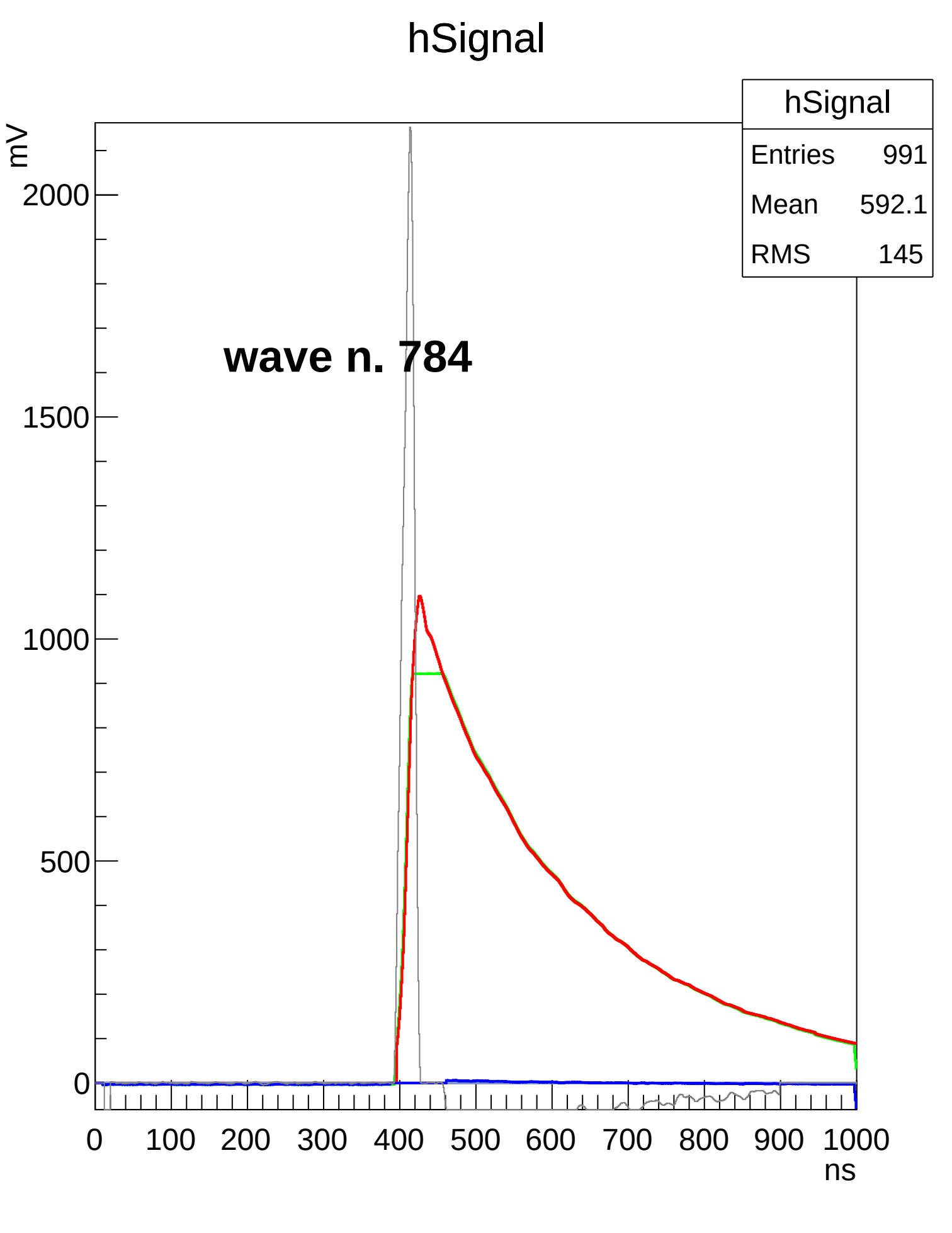
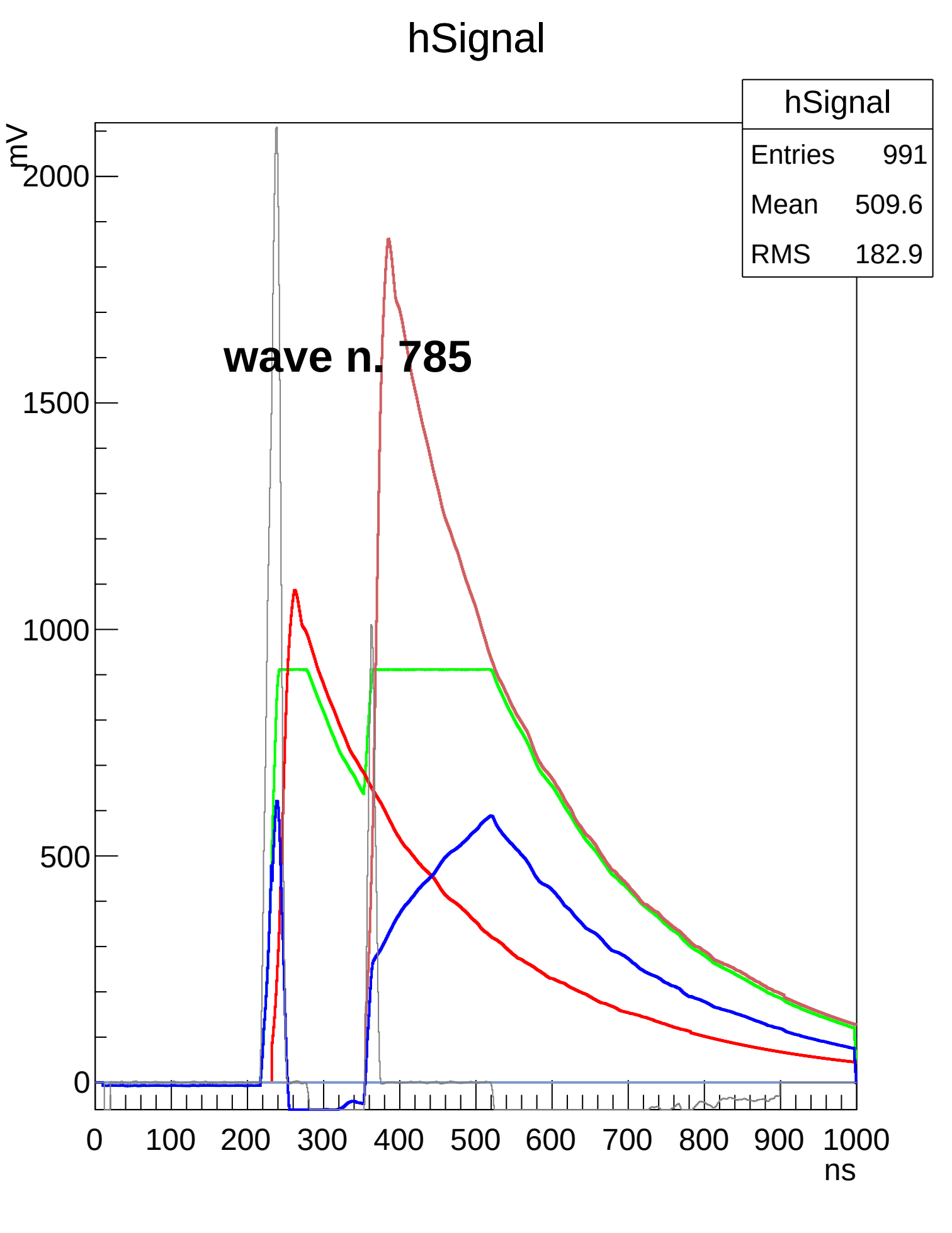
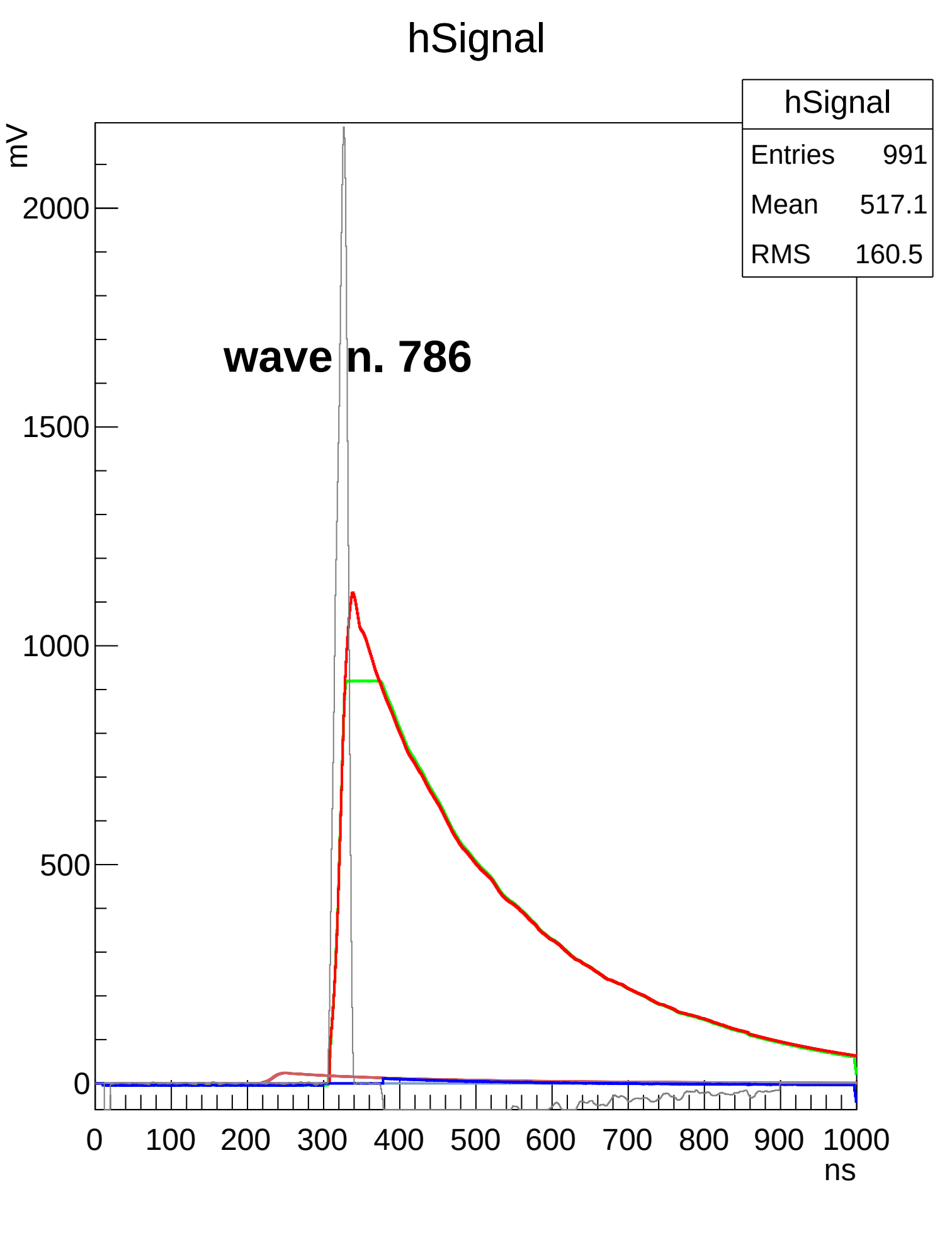
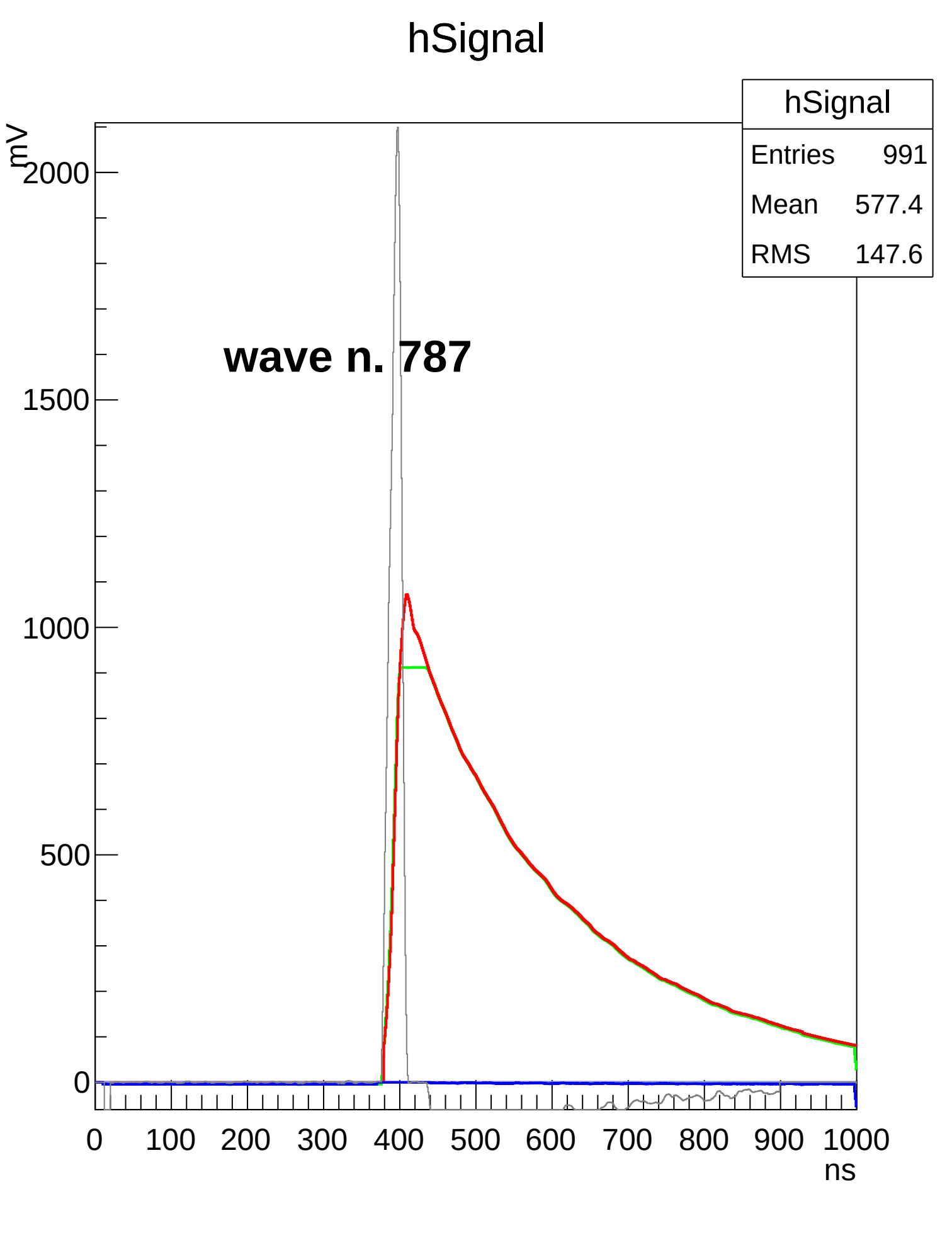
ns

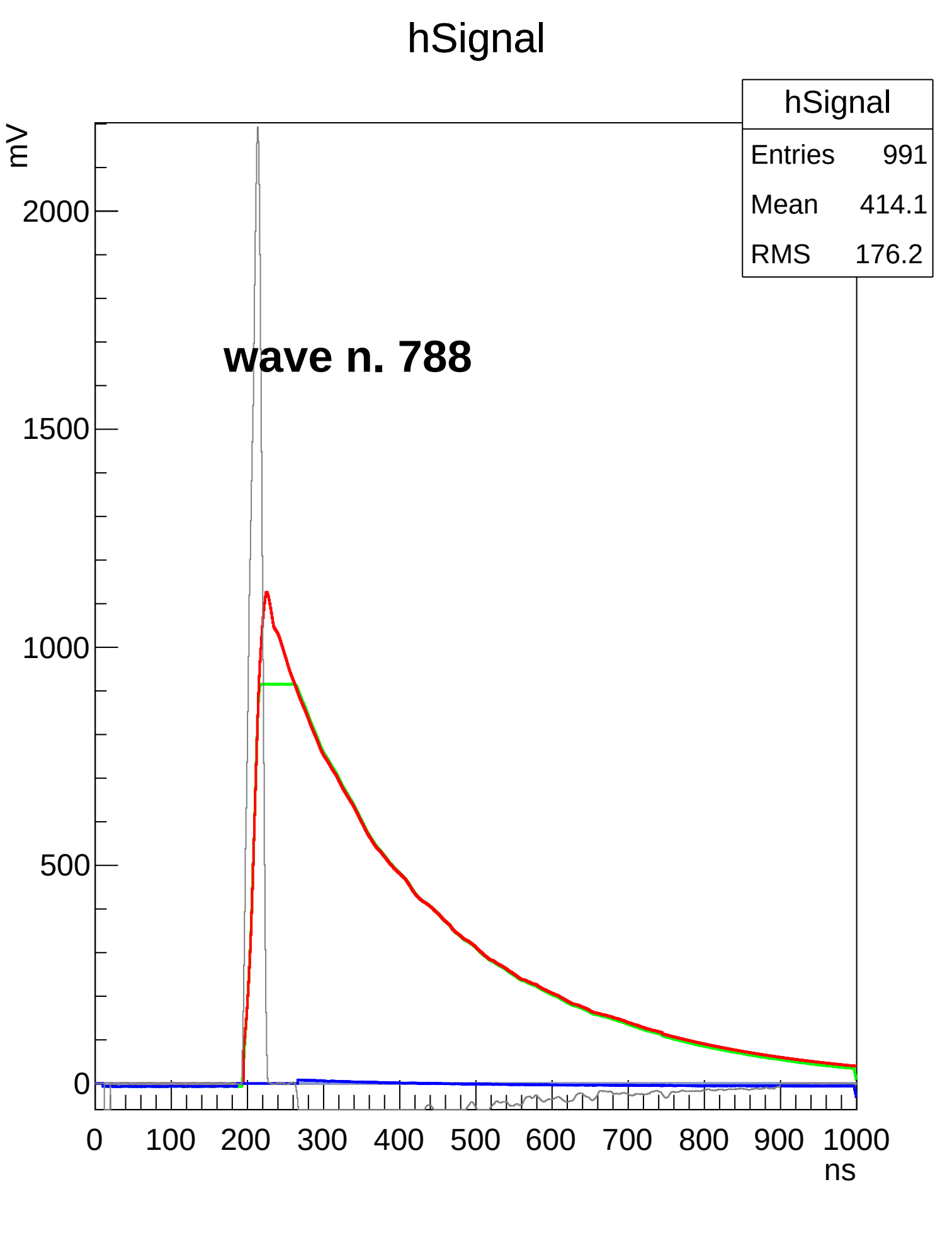

hSignal
hSignal
Entries 991
Mean 574.5
RMS 149
wave n. 783
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

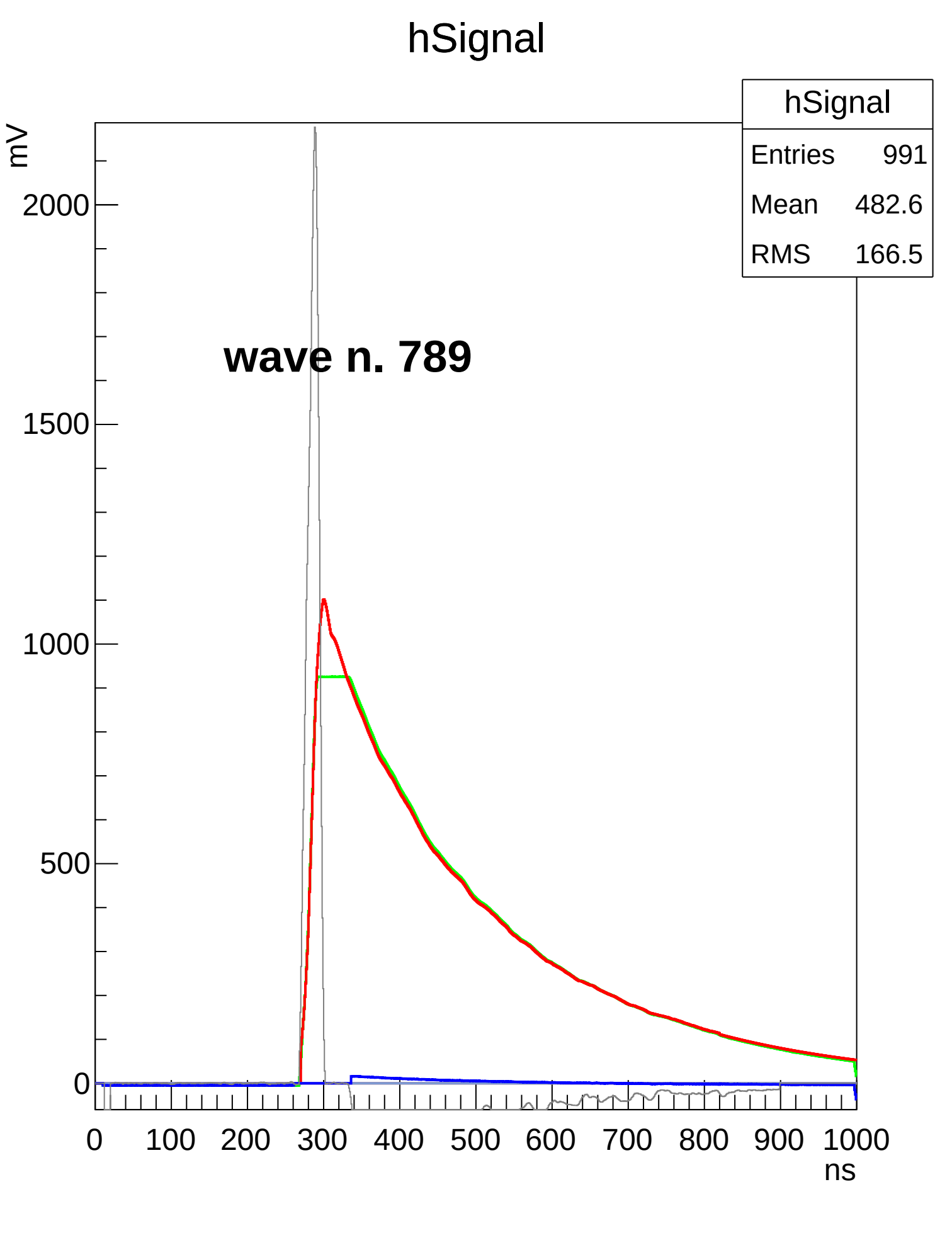

hSignal
hSignal
Entries 991
Mean 592.1
RMS 145
wave n. 784
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

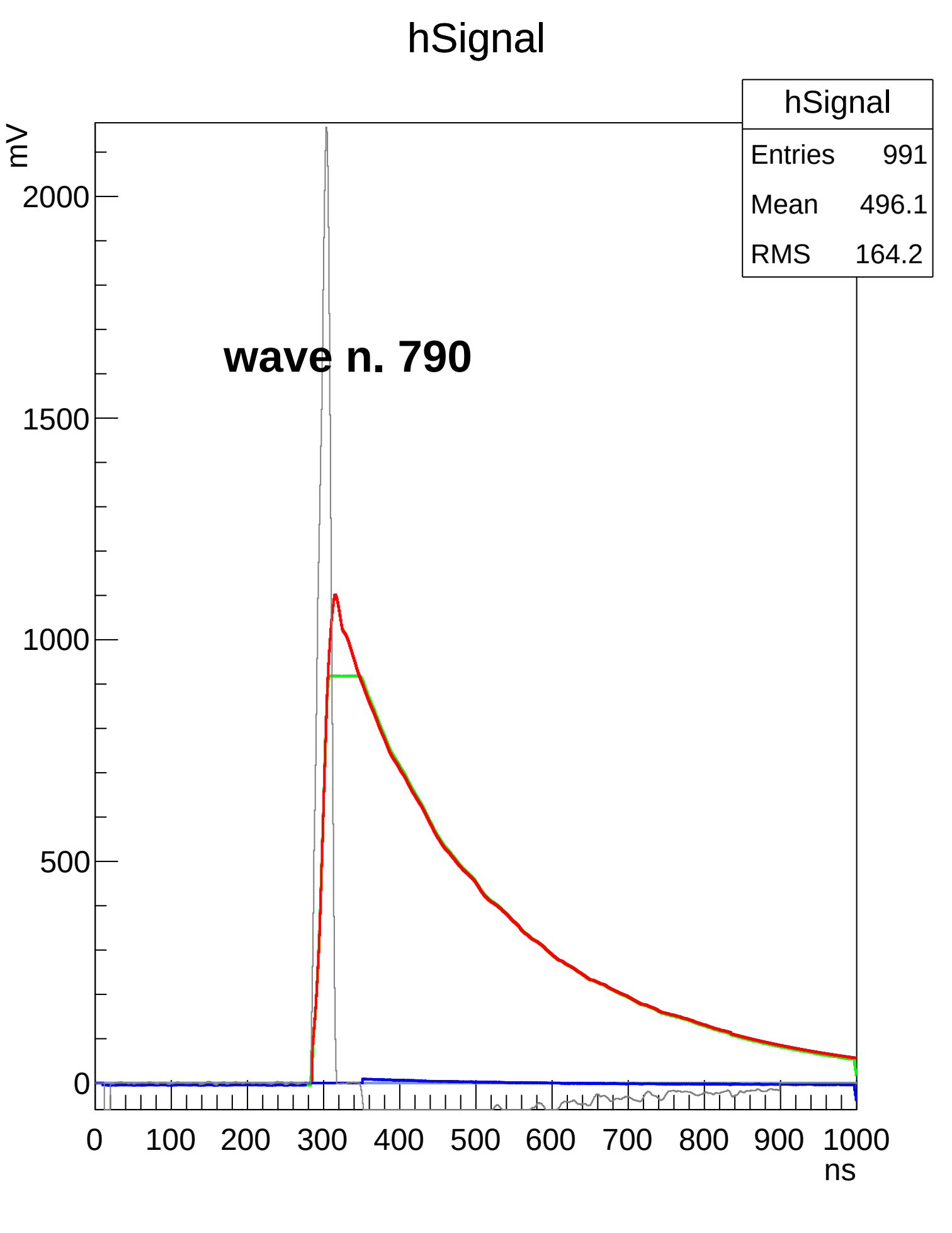

hSignal
hSignal
Entries 991
Mean 509.6
RMS 182.9
wave n. 785
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

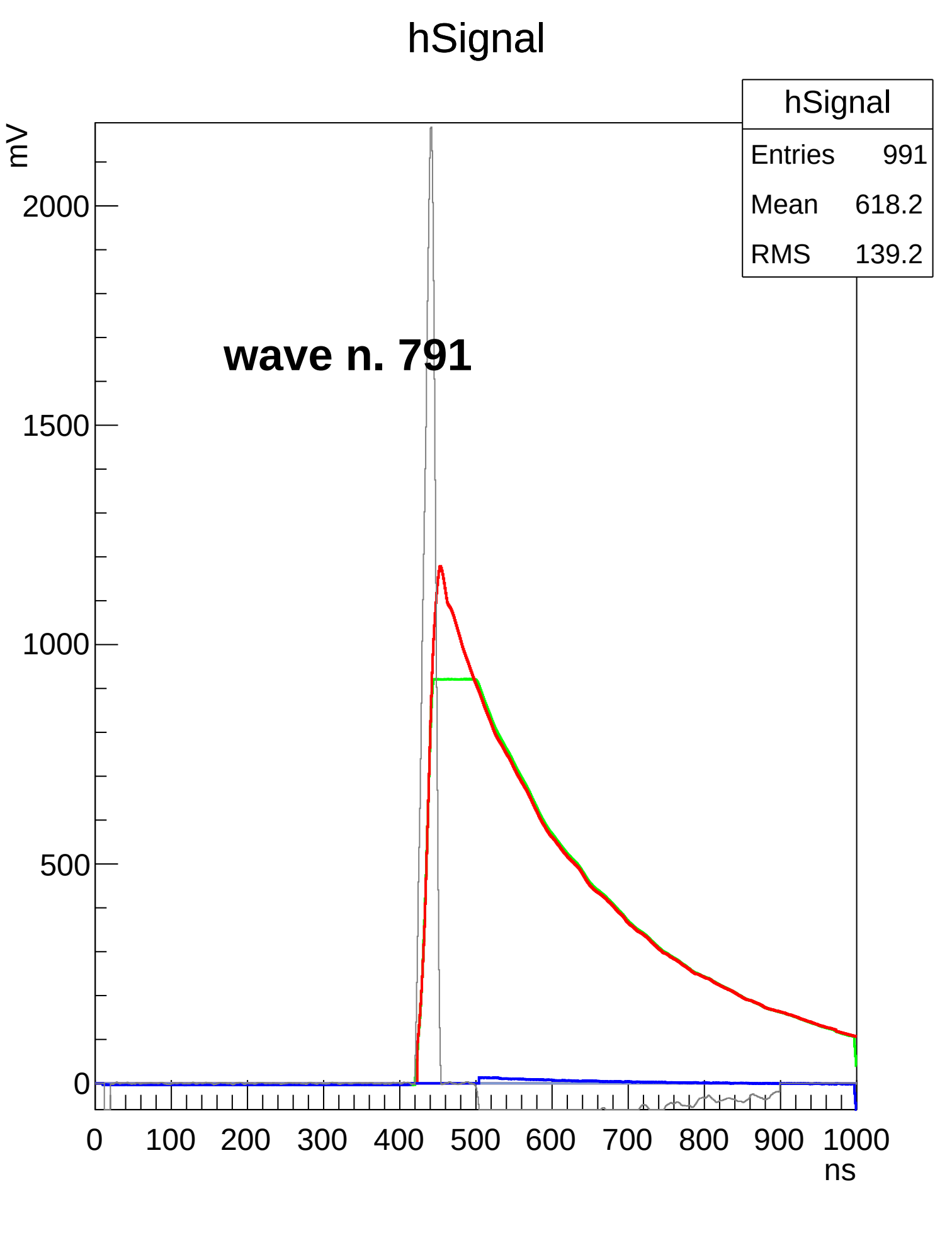

hSignal
hSignal
Entries 991
Mean 517.1
RMS 160.5
wave n. 786
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

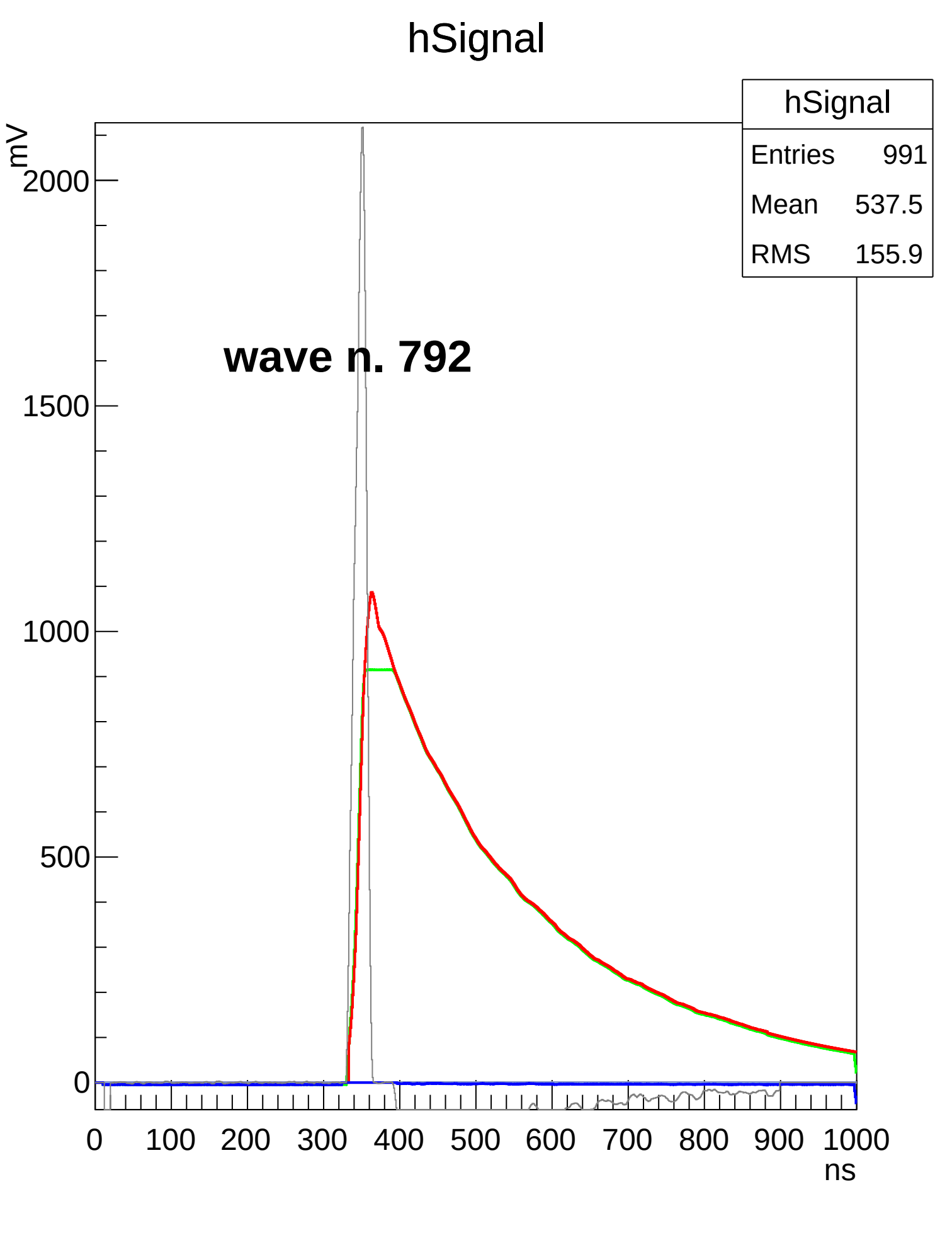

hSignal
hSignal
Entries 991
Mean 577.4
RMS 147.6
wave n. 787
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

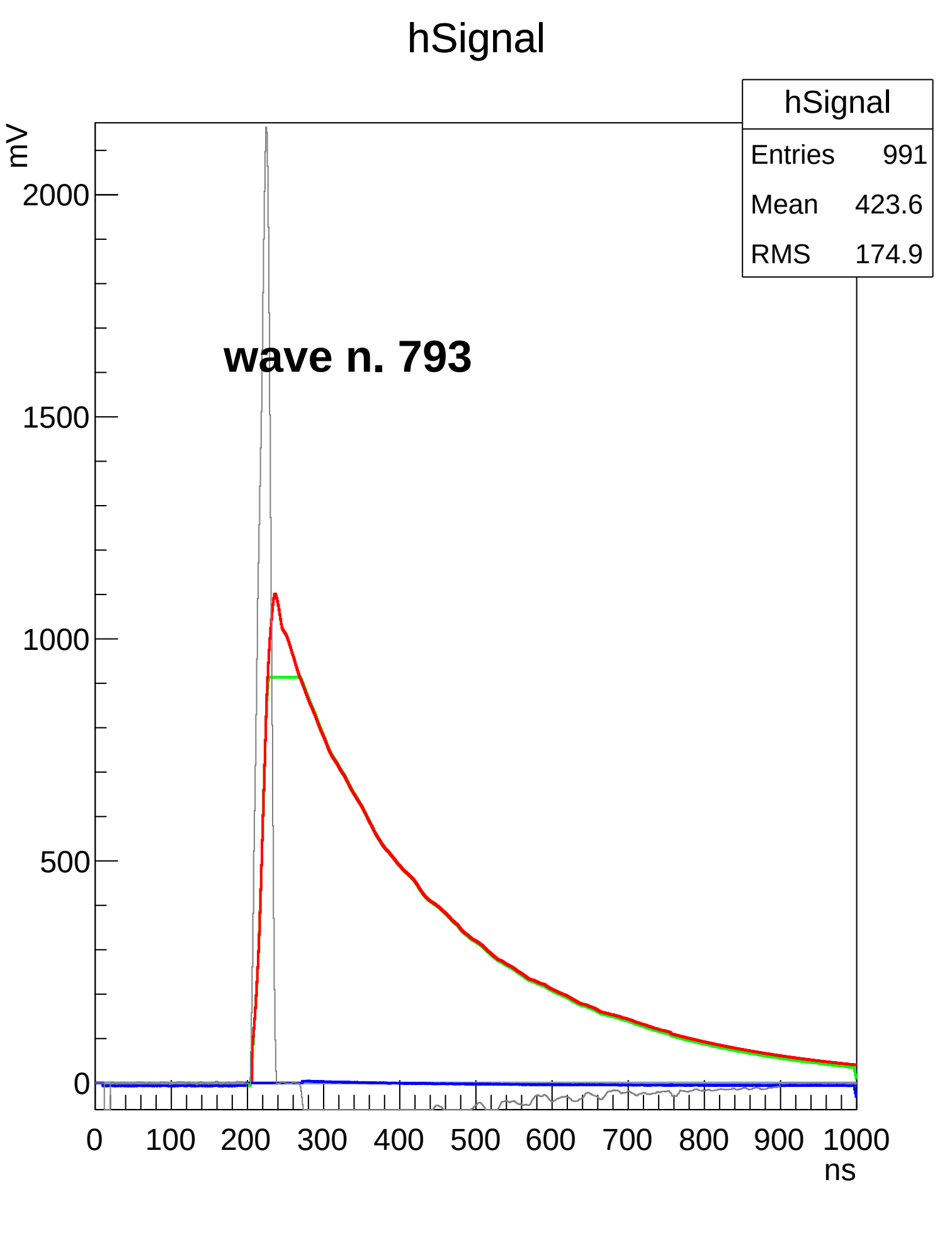

hSignal
hSignal
Entries 991
Mean 414.1
RMS 176.2
wave n. 788
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

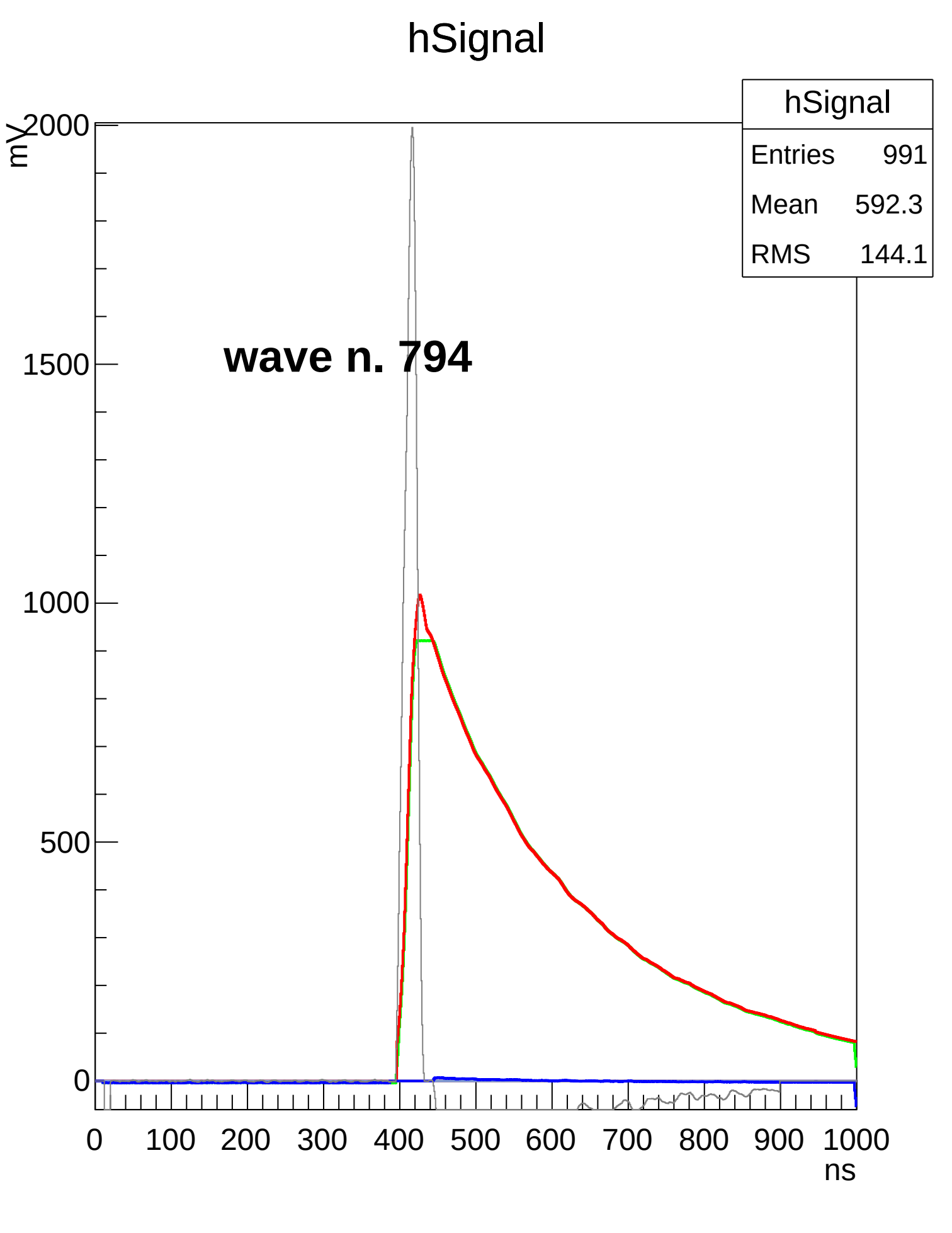

hSignal
hSignal
Entries 991
Mean 482.6
RMS 166.5
wave n. 789
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

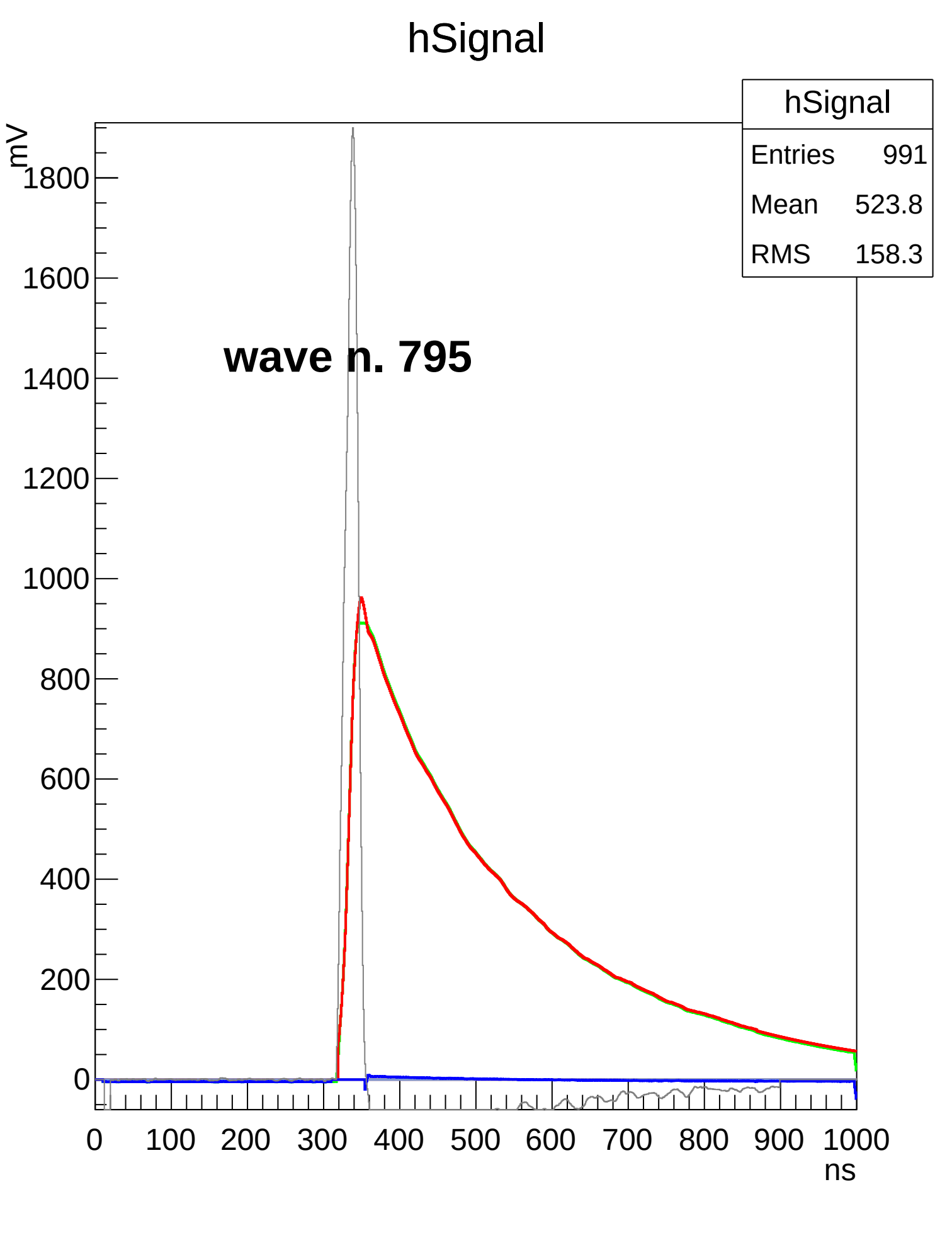

hSignal
hSignal
Entries 991
Mean 496.1
RMS 164.2
wave n. 790
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

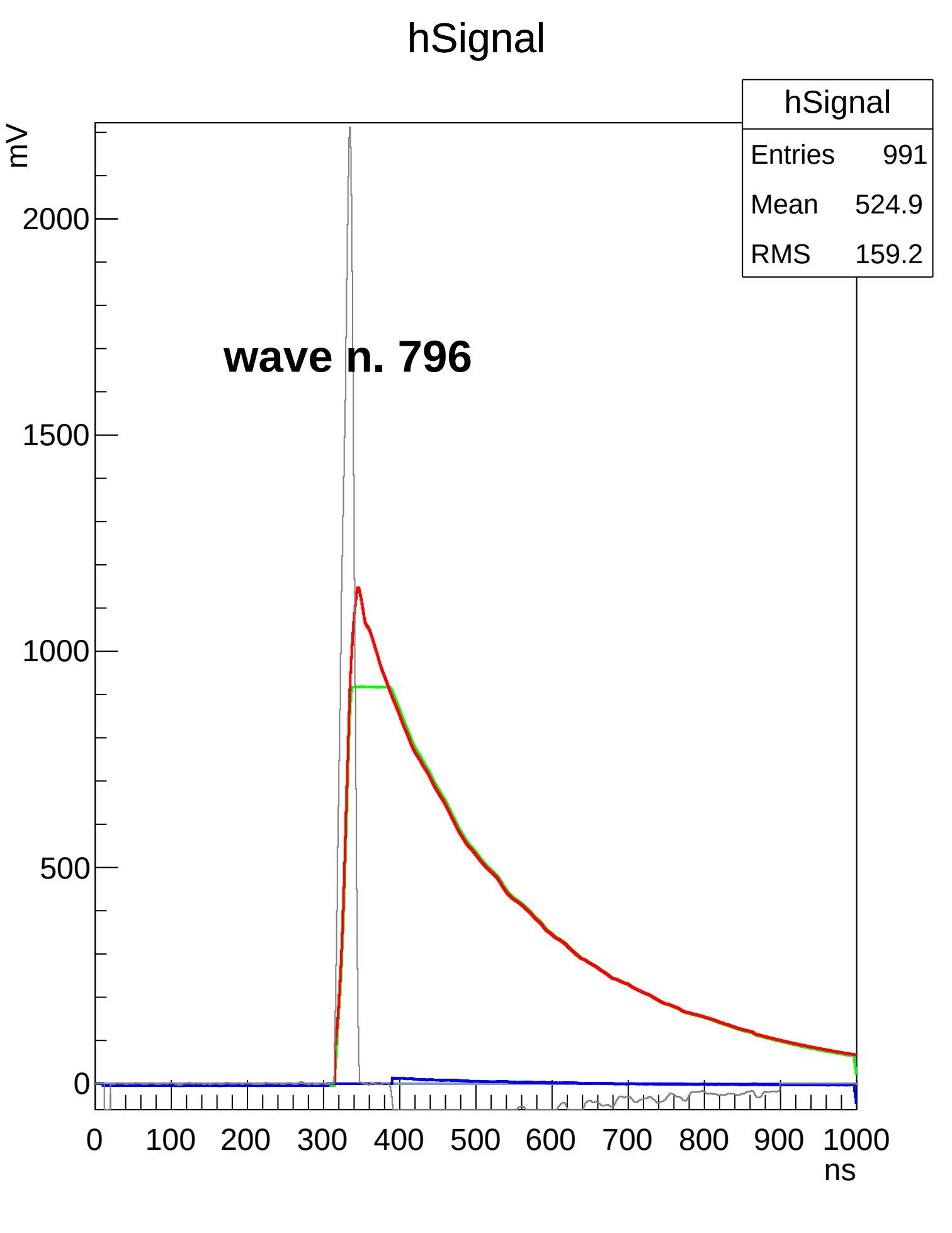

hSignal
hSignal
Entries 991
Mean 618.2
RMS 139.2
wave n. 791
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

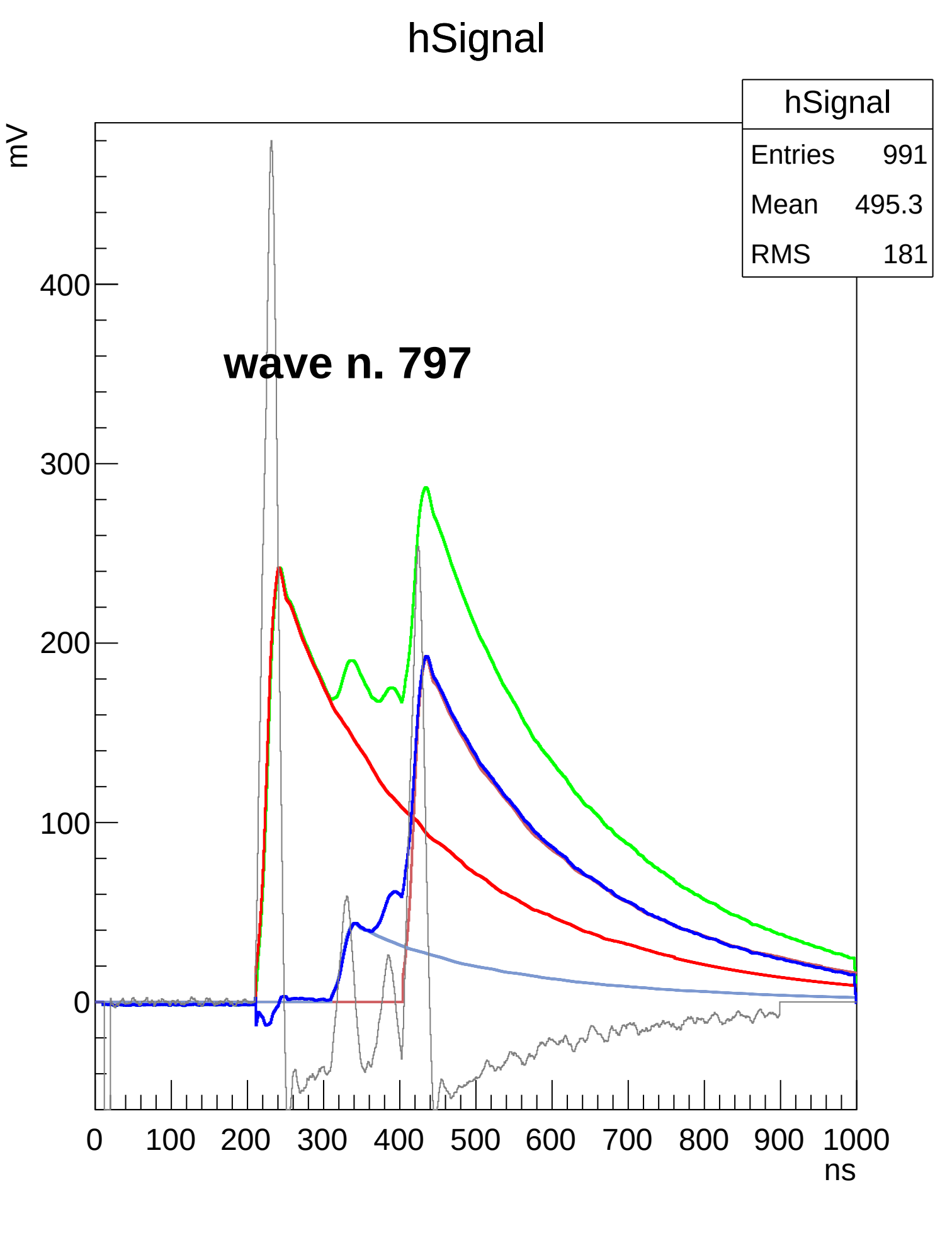

hSignal
hSignal
Entries 991
Mean 537.5
RMS 155.9
wave n. 792
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

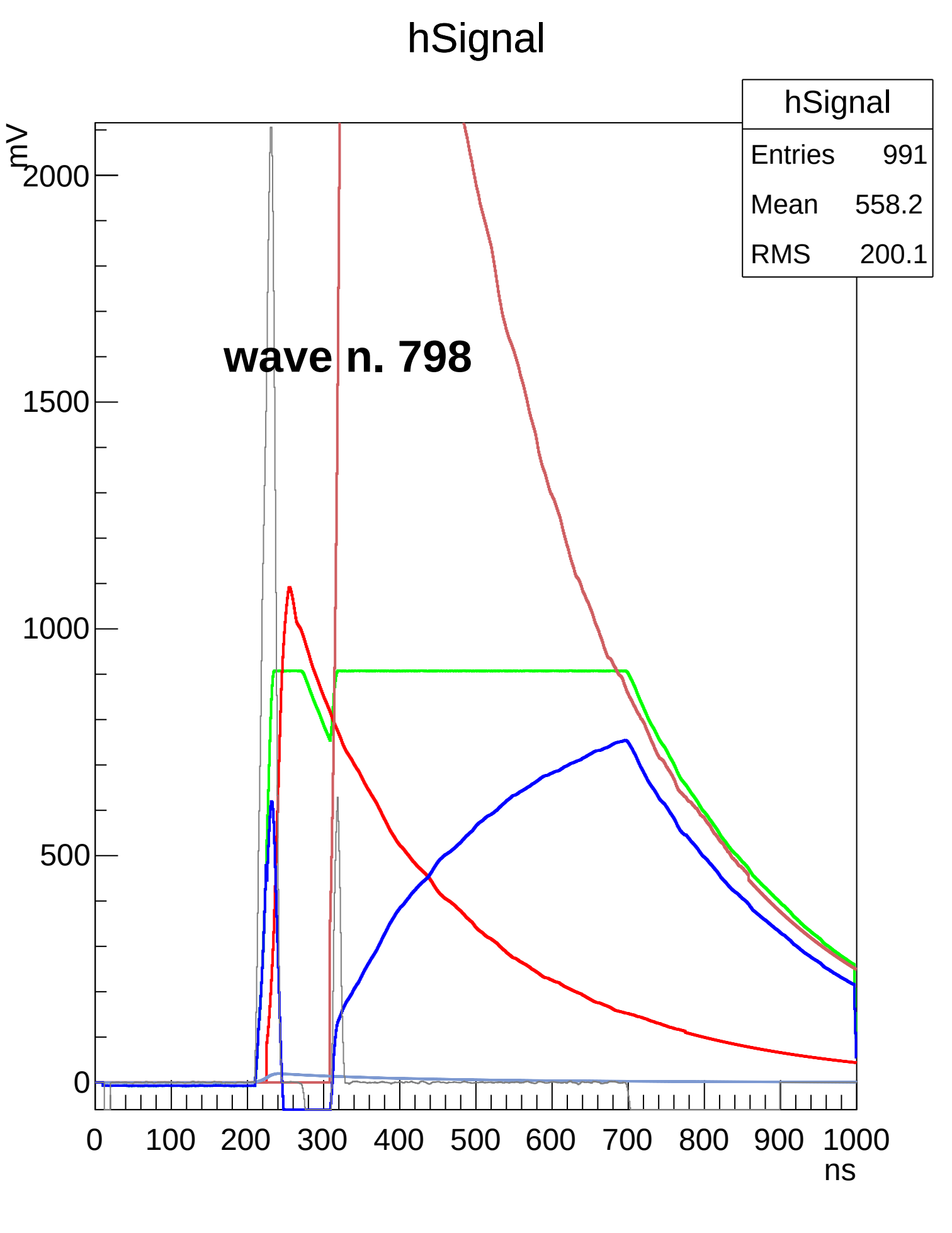

hSignal
hSignal
Entries 991
Mean 423.6
RMS 174.9
wave n. 793
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

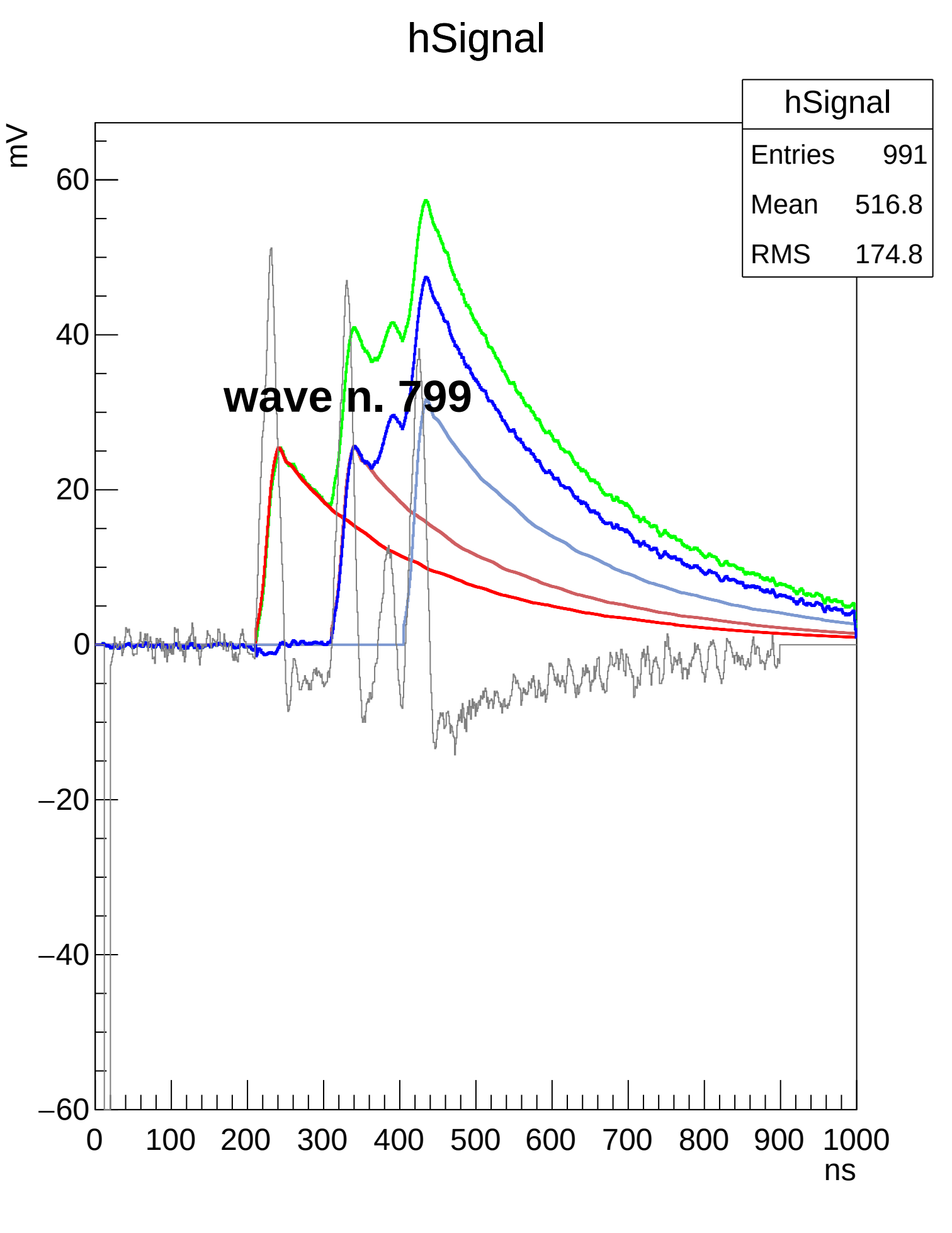

hSignal
hSignal
Entries 991
Mean 592.3
RMS 144.1
wave n. 794
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

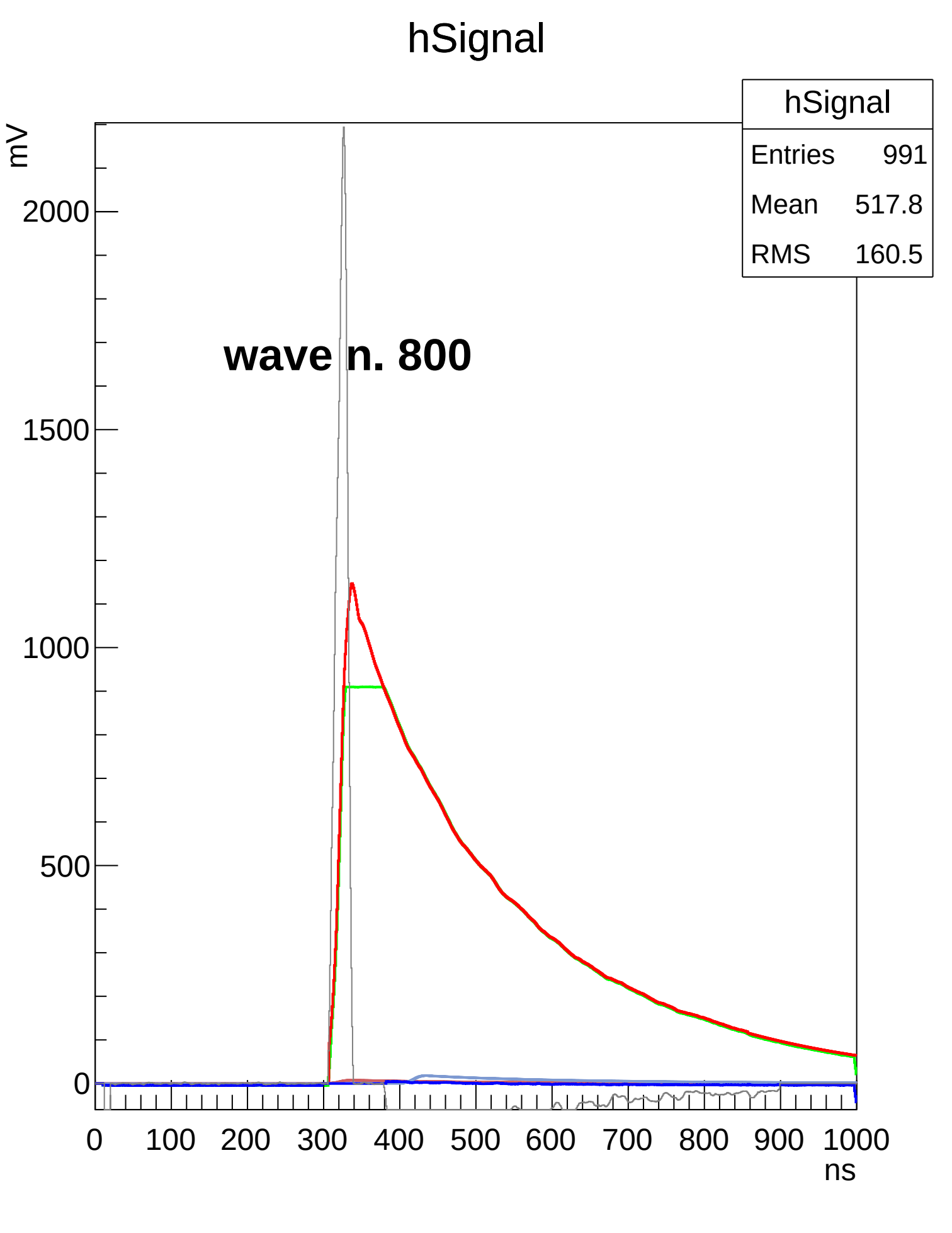

hSignal
hSignal
Entries 991
Mean 523.8
RMS 158.3
wave n. 795
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

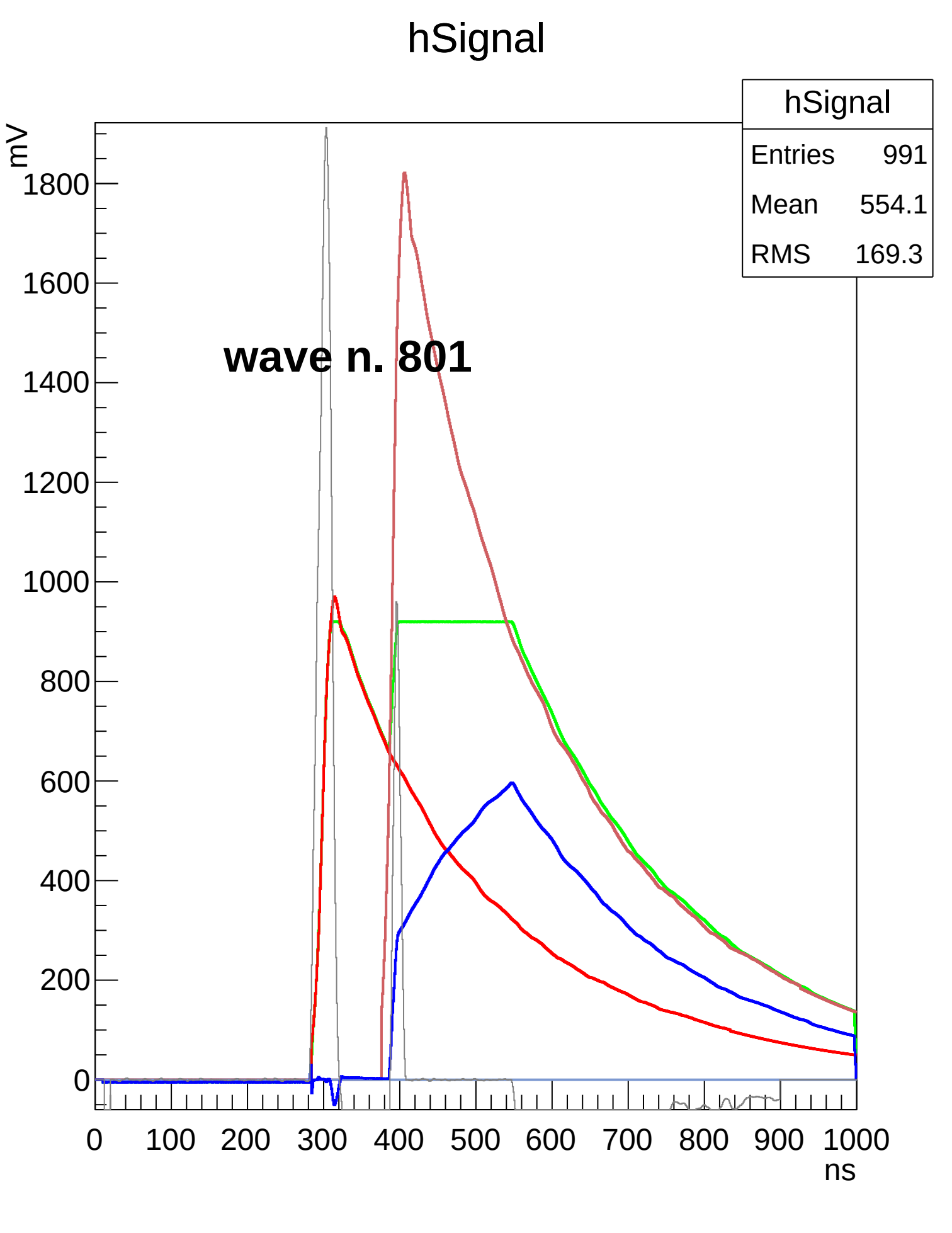

hSignal
hSignal
Entries 991
Mean 524.9
RMS 159.2
wave n. 796
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

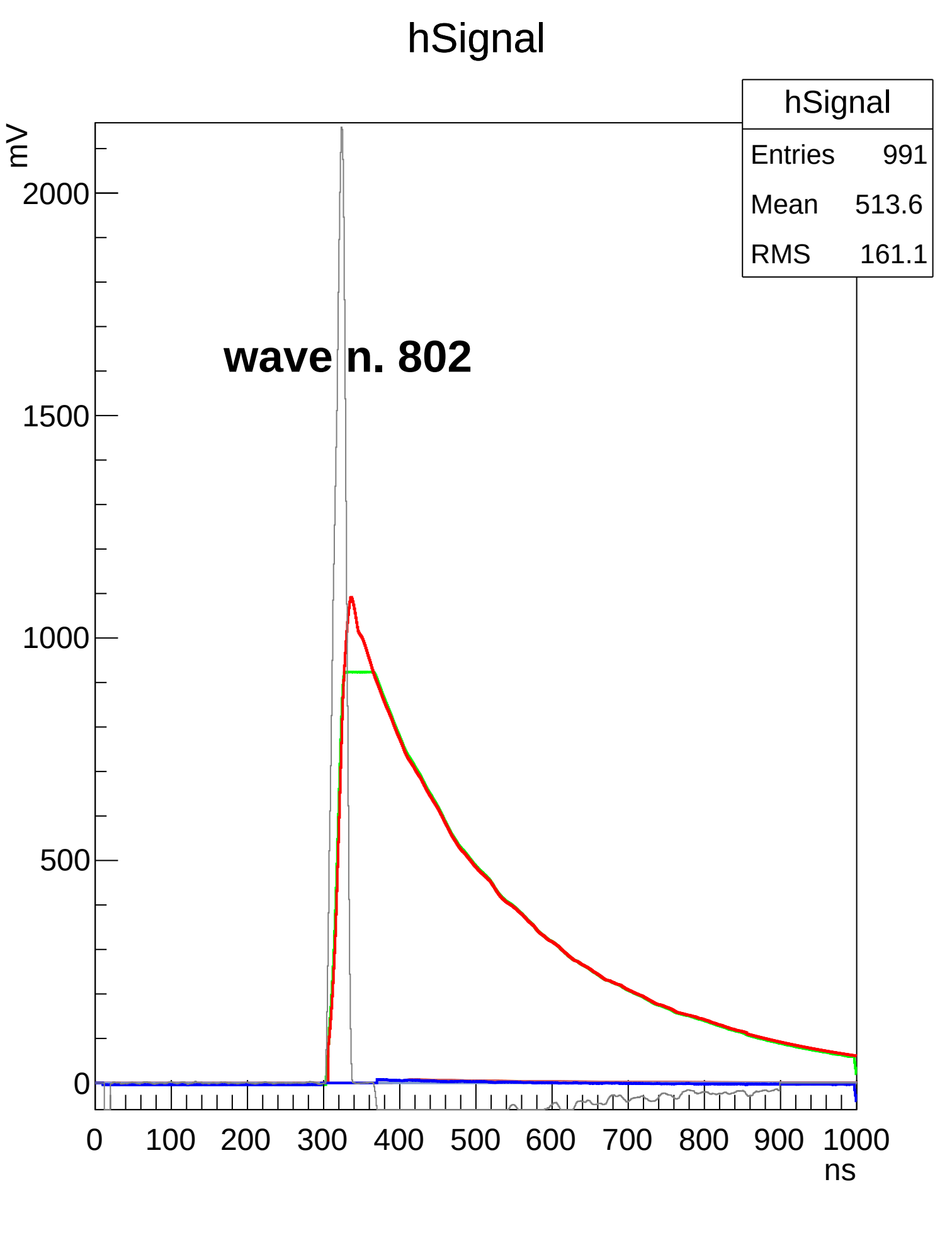

hSignal
hSignal
Entries 991
Mean 495.3
RMS 181
wave n. 797
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 558.2
RMS 200.1
wave n. 798
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 516.8
RMS 174.8
wave n. 799
mV
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 517.8
RMS 160.5
wave n. 800
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 554.1
RMS 169.3
wave n. 801
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513.6
RMS 161.1
wave n. 802
mV
2000
1500
1000
500
0
0
100
200
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400
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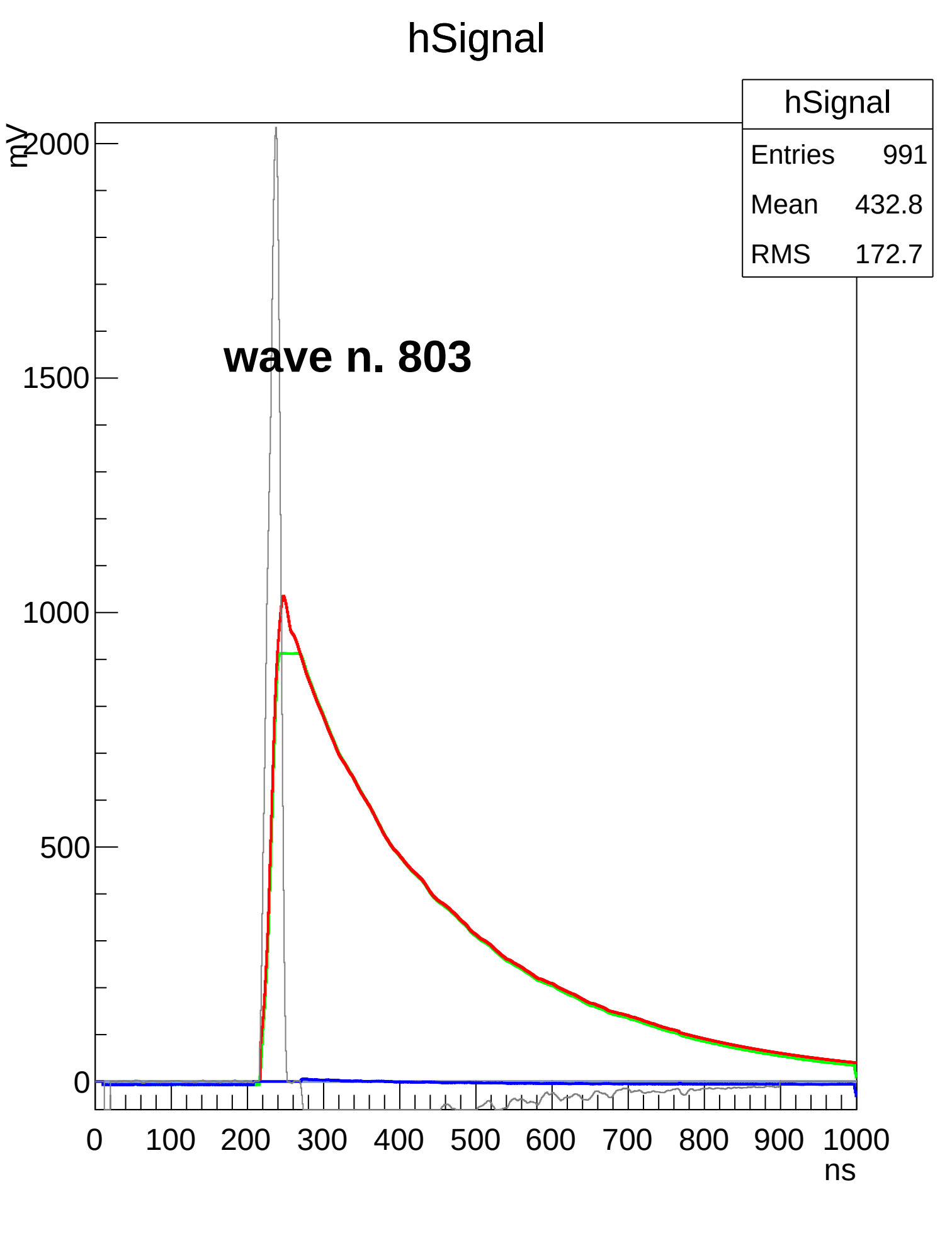
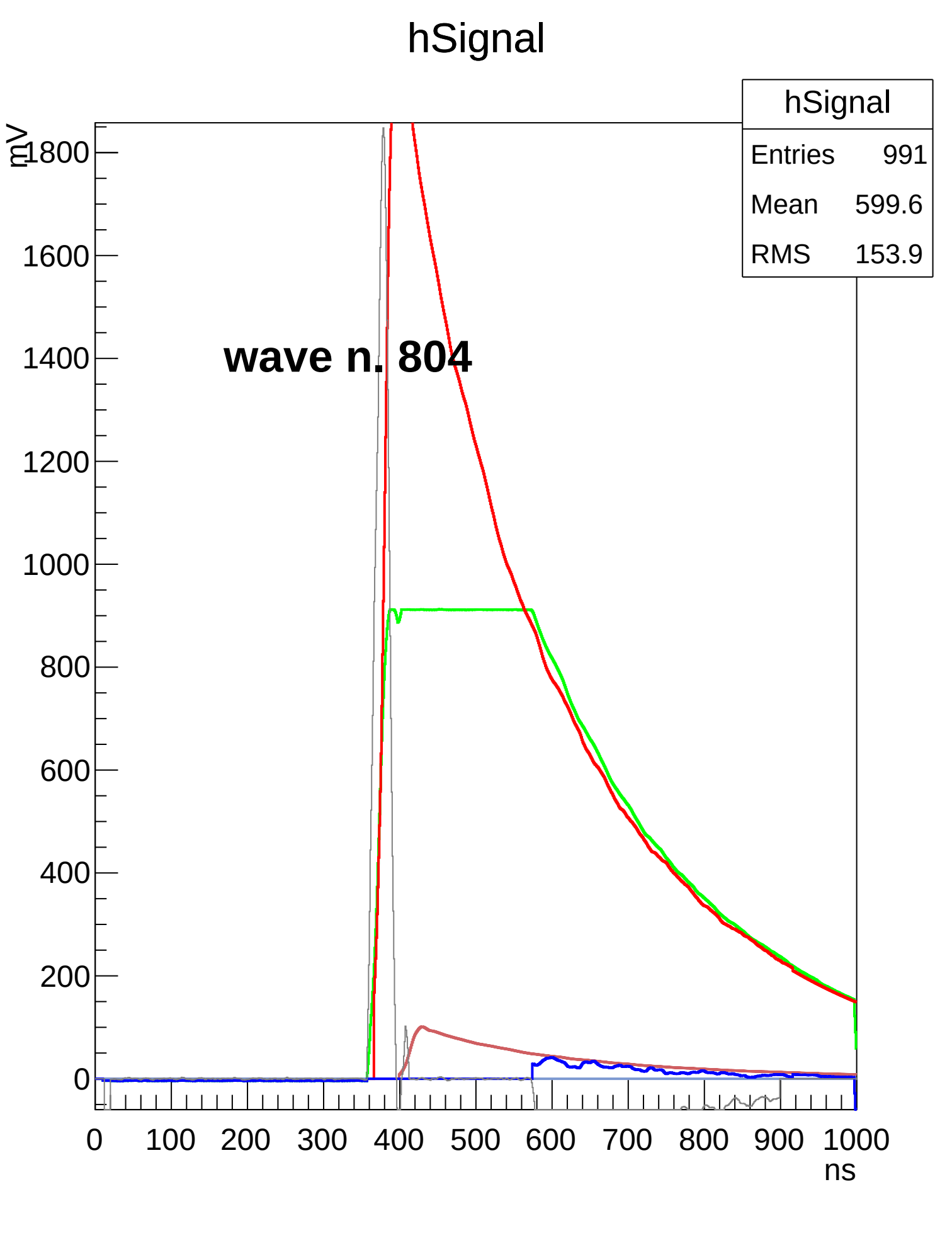
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 432.8
RMS 172.7
wave n. 803
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 599.6
RMS 153.9
wave n. 804
mV
1800
1600
1400
1200
1000
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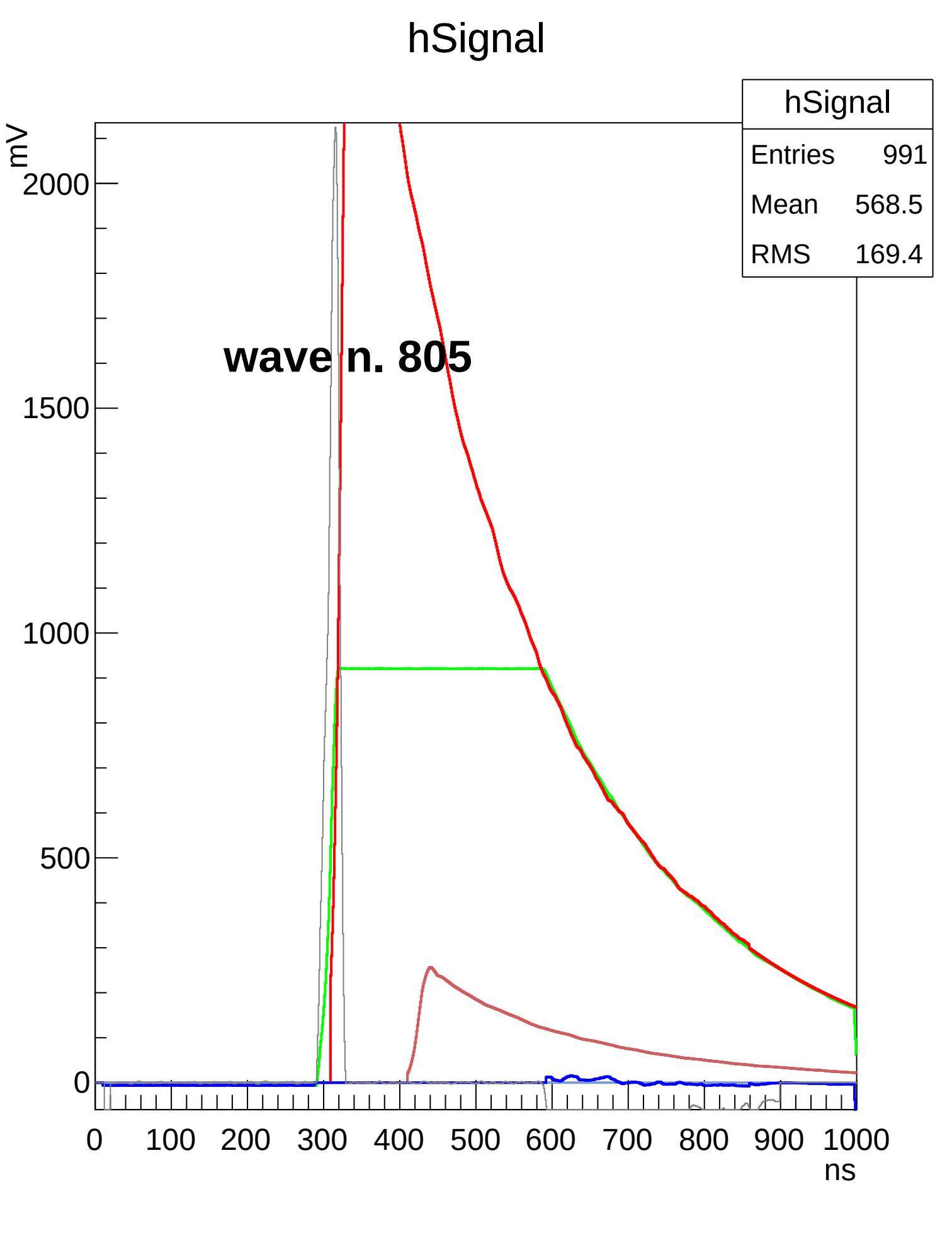
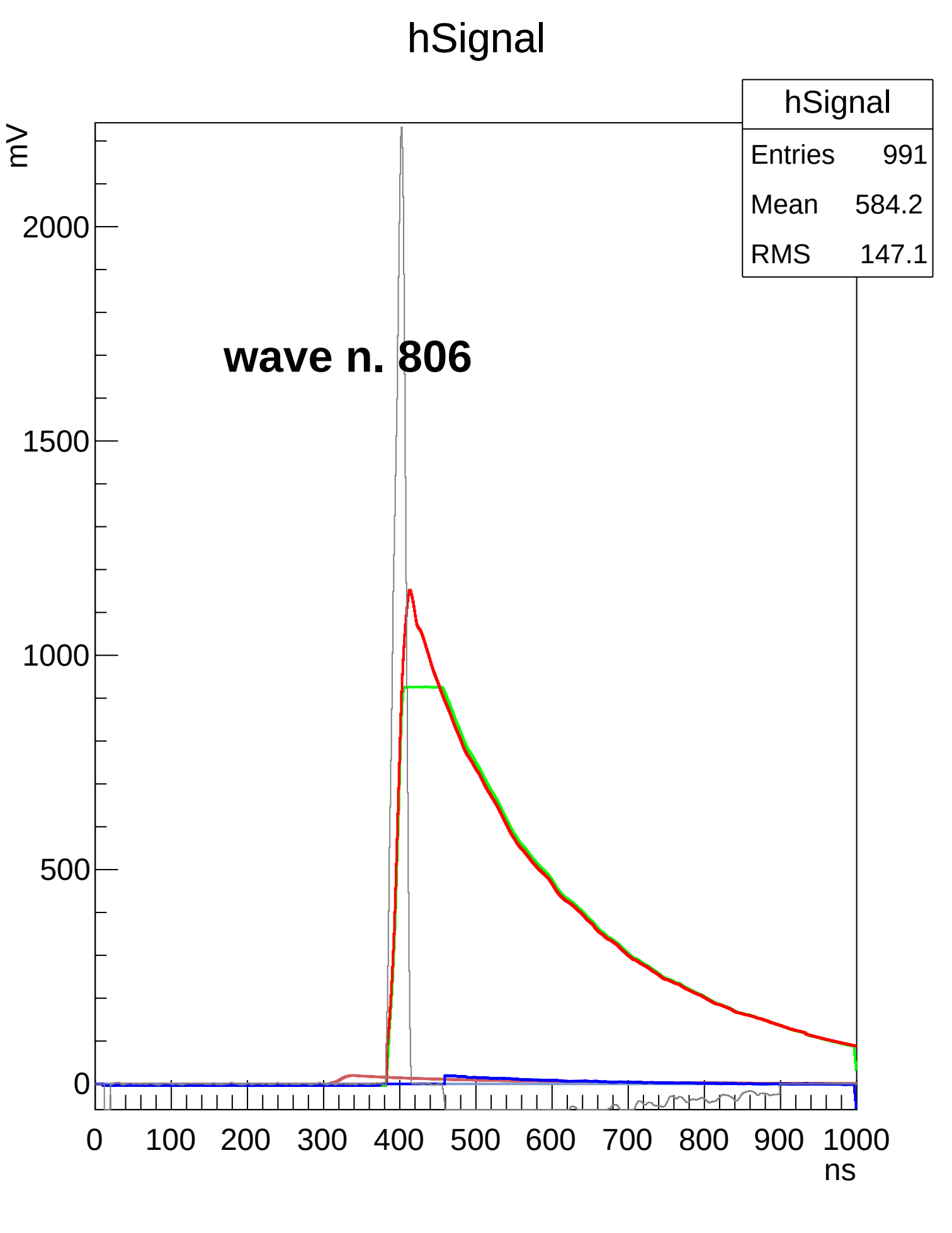
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 568.5
RMS 169.4
wave n. 805
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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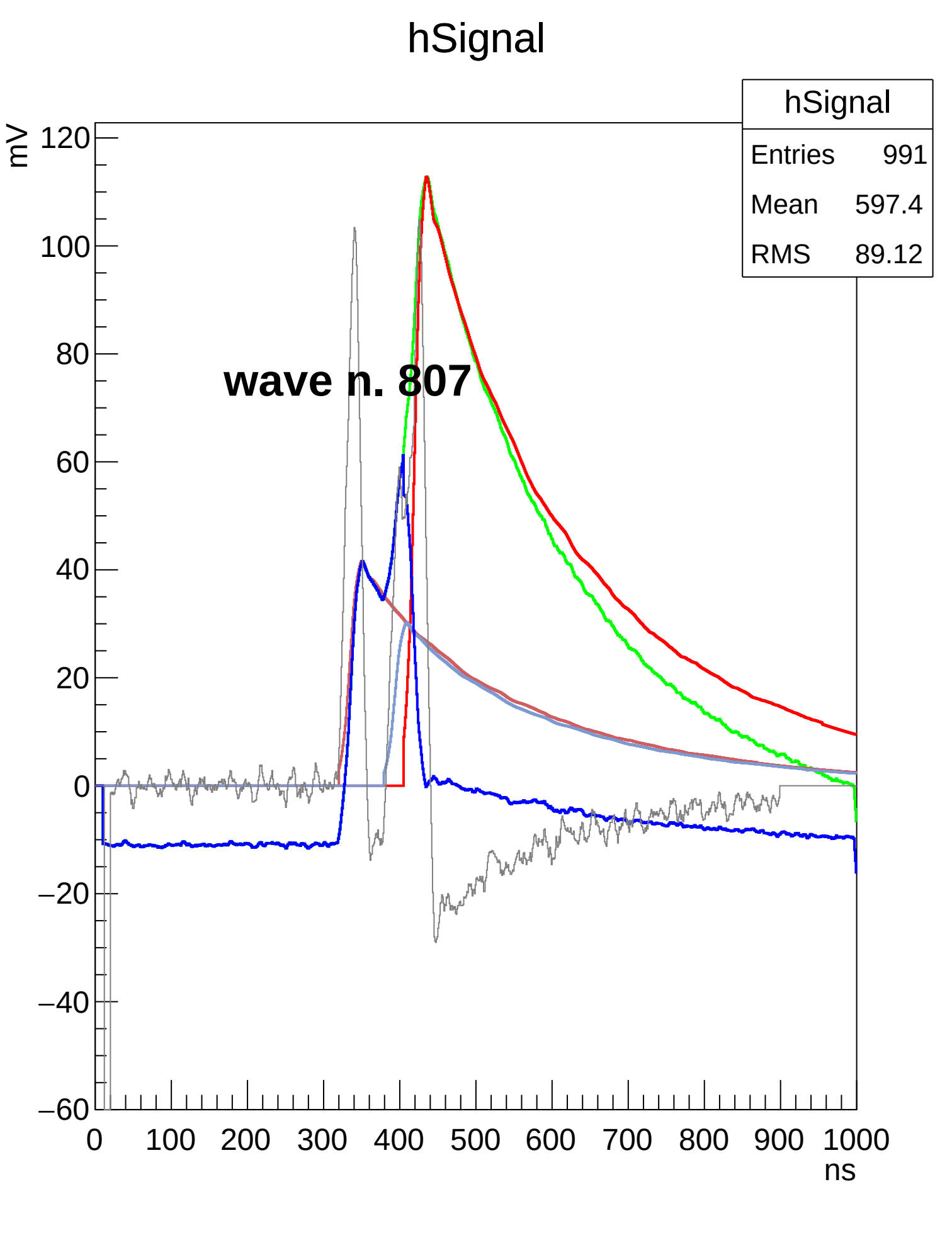
hSignal
Entries 991
Mean 584.2
RMS 147.1
wave n. 806
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 597.4
RMS 89.12
wave n. 807
mV
120
100
80
60
40
20
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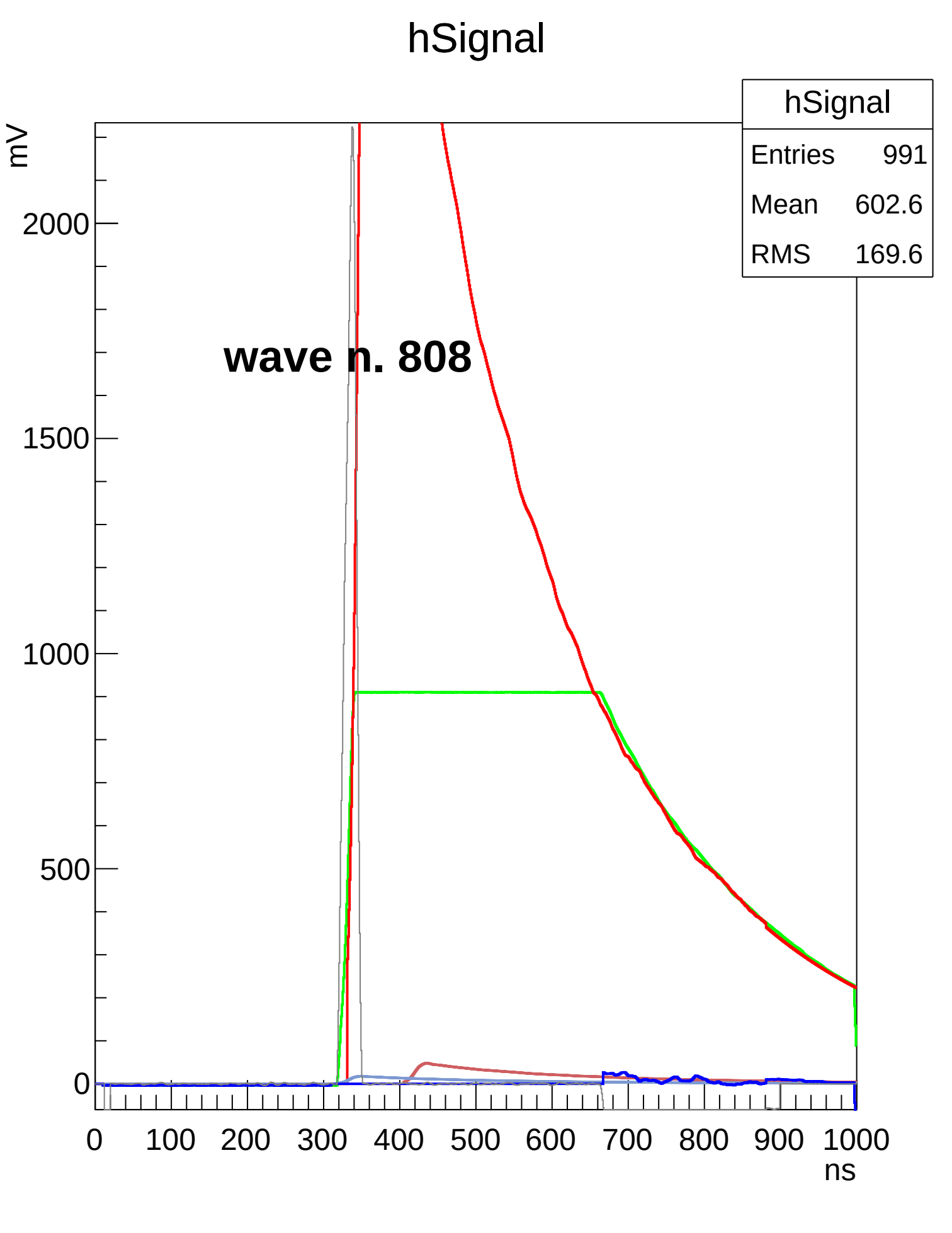
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 602.6
RMS 169.6
wave n. 808
mV
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1500
1000
500
0
0
100
200
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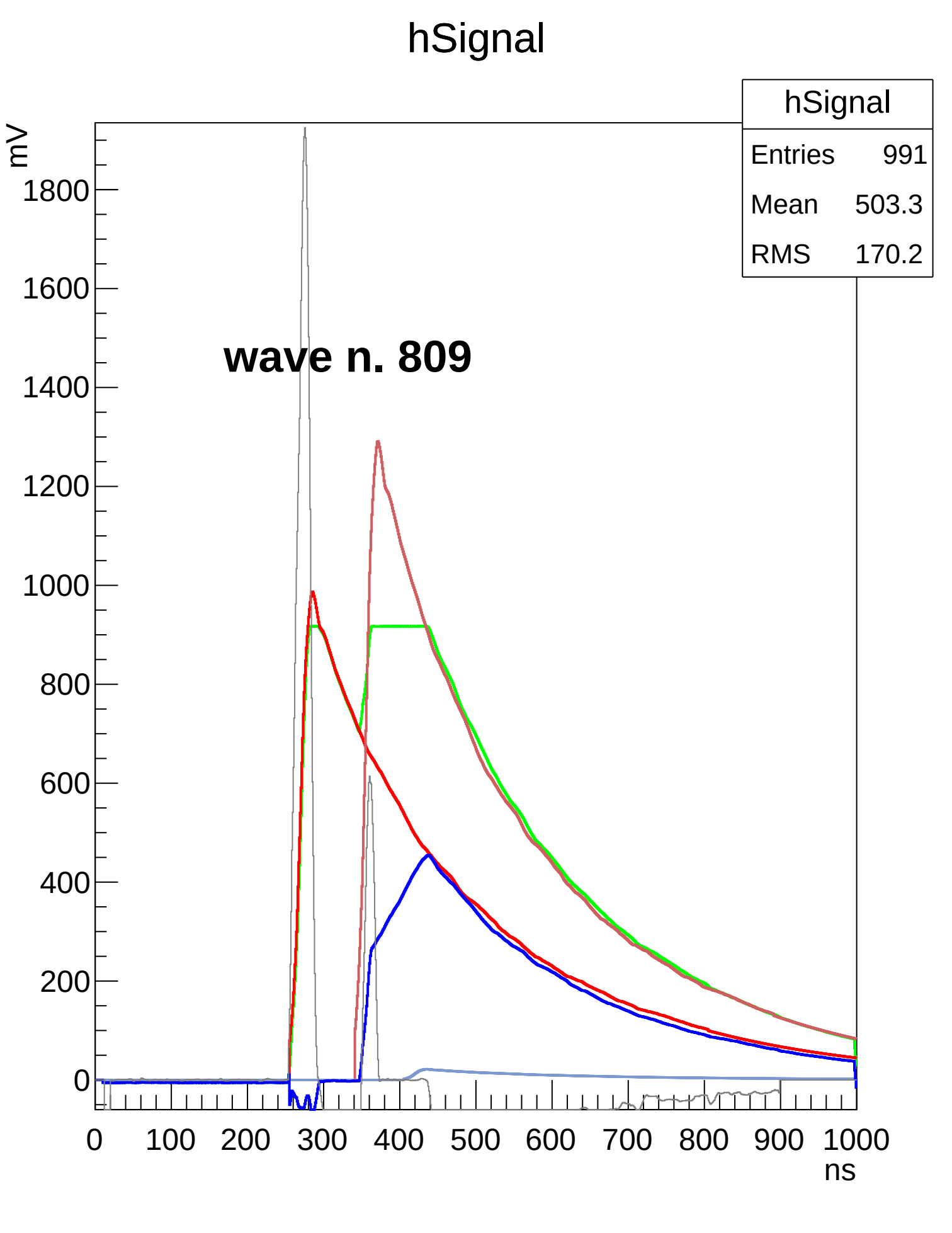
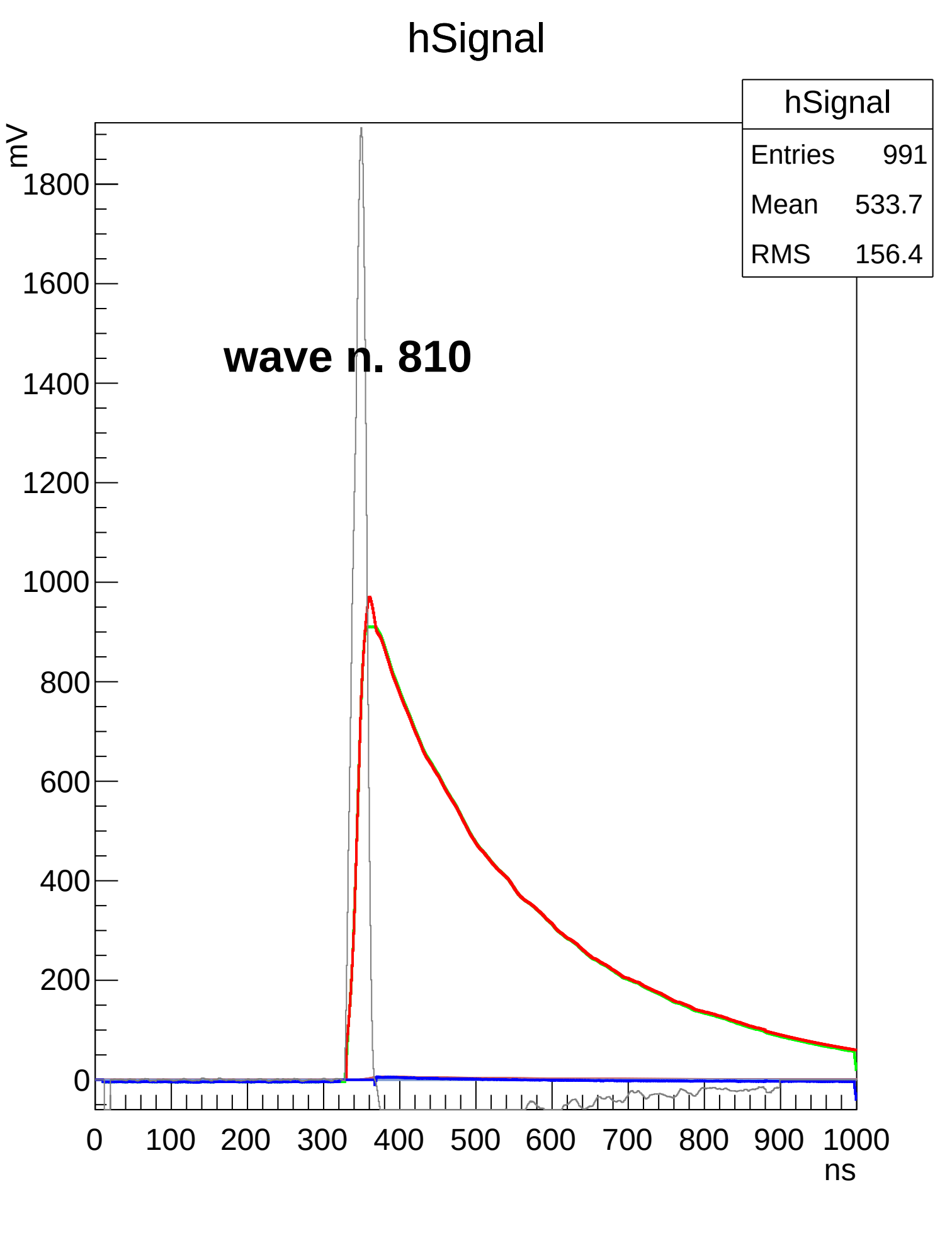
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.3
RMS 170.2
wave n. 809
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 533.7
RMS 156.4
wave n. 810
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
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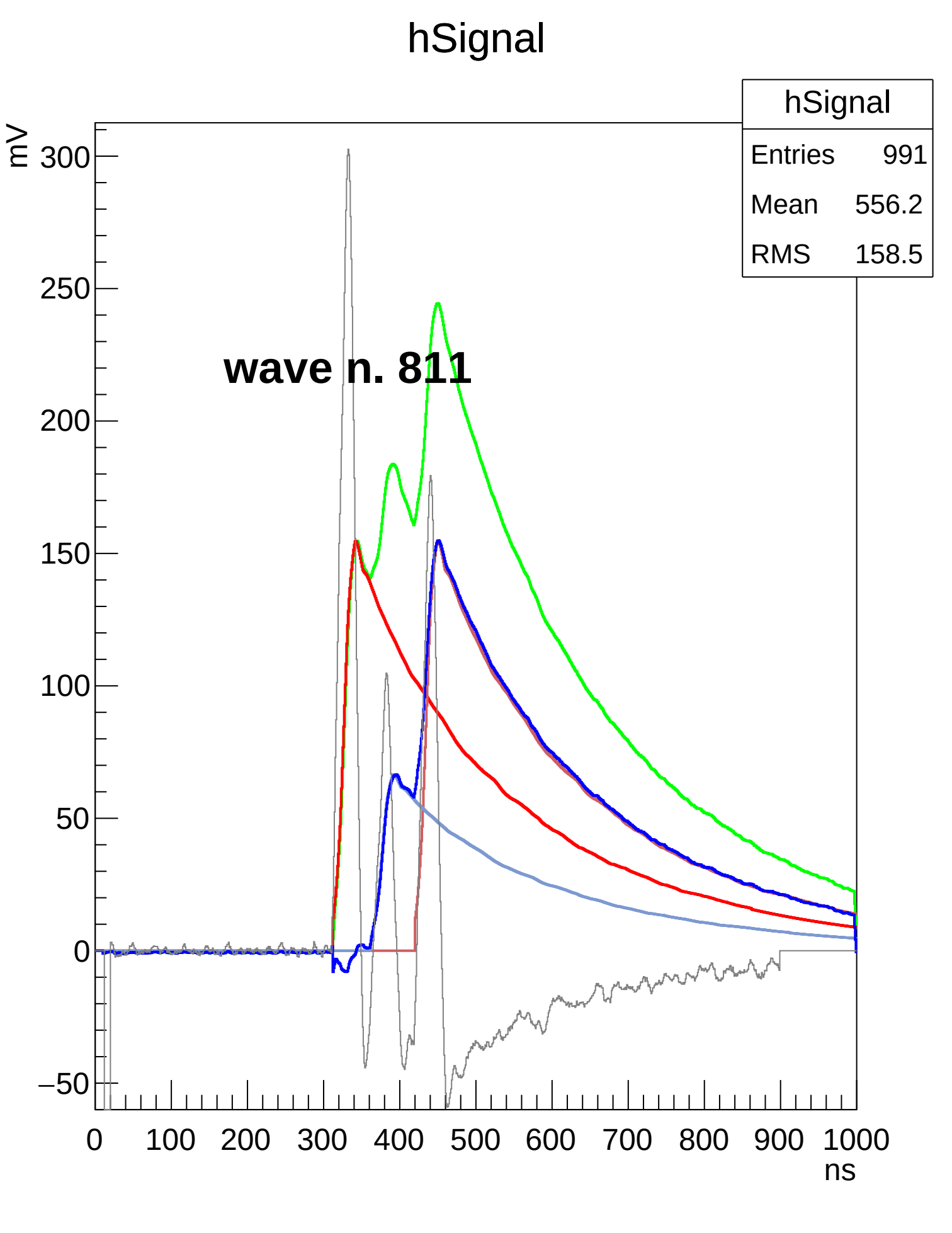
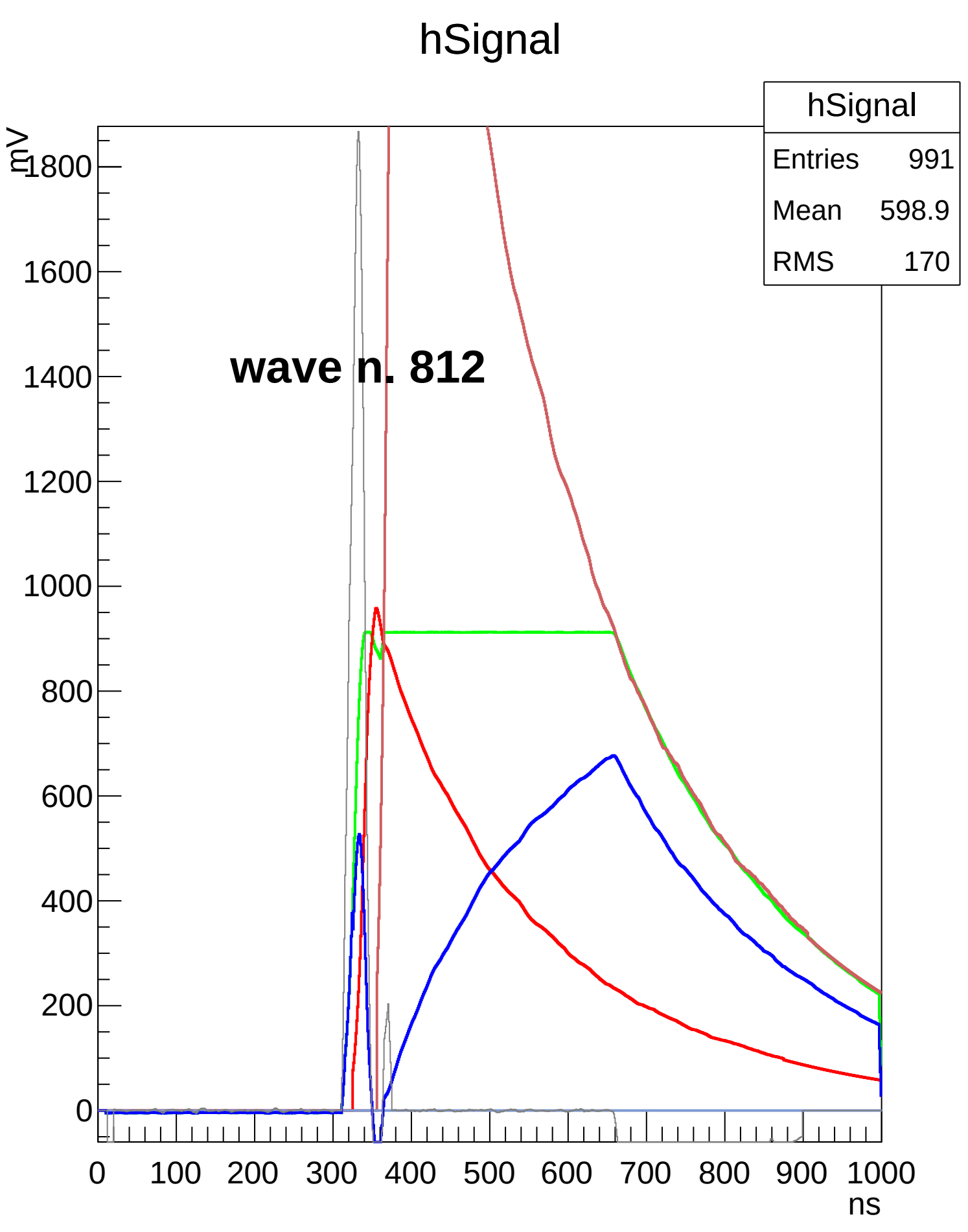
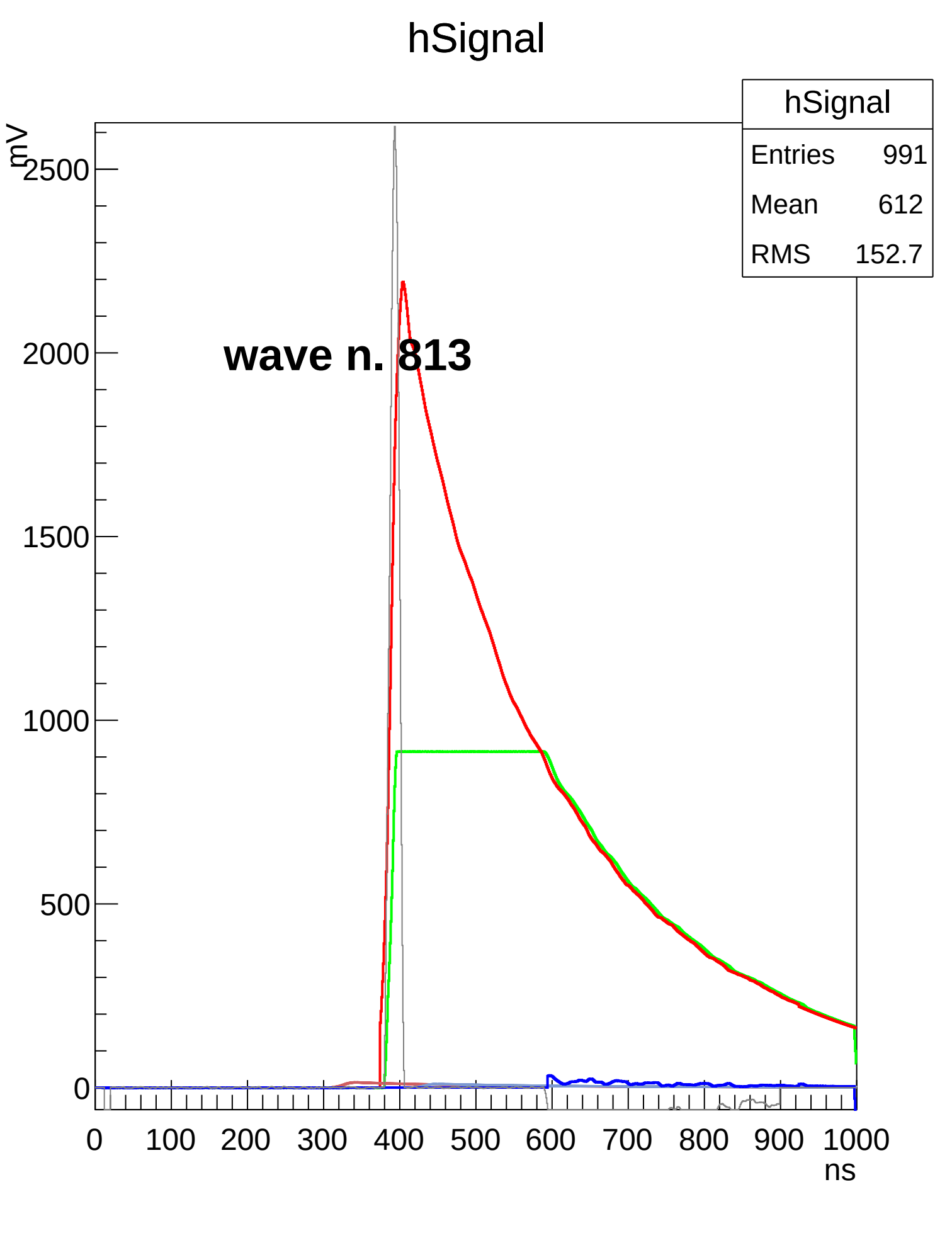
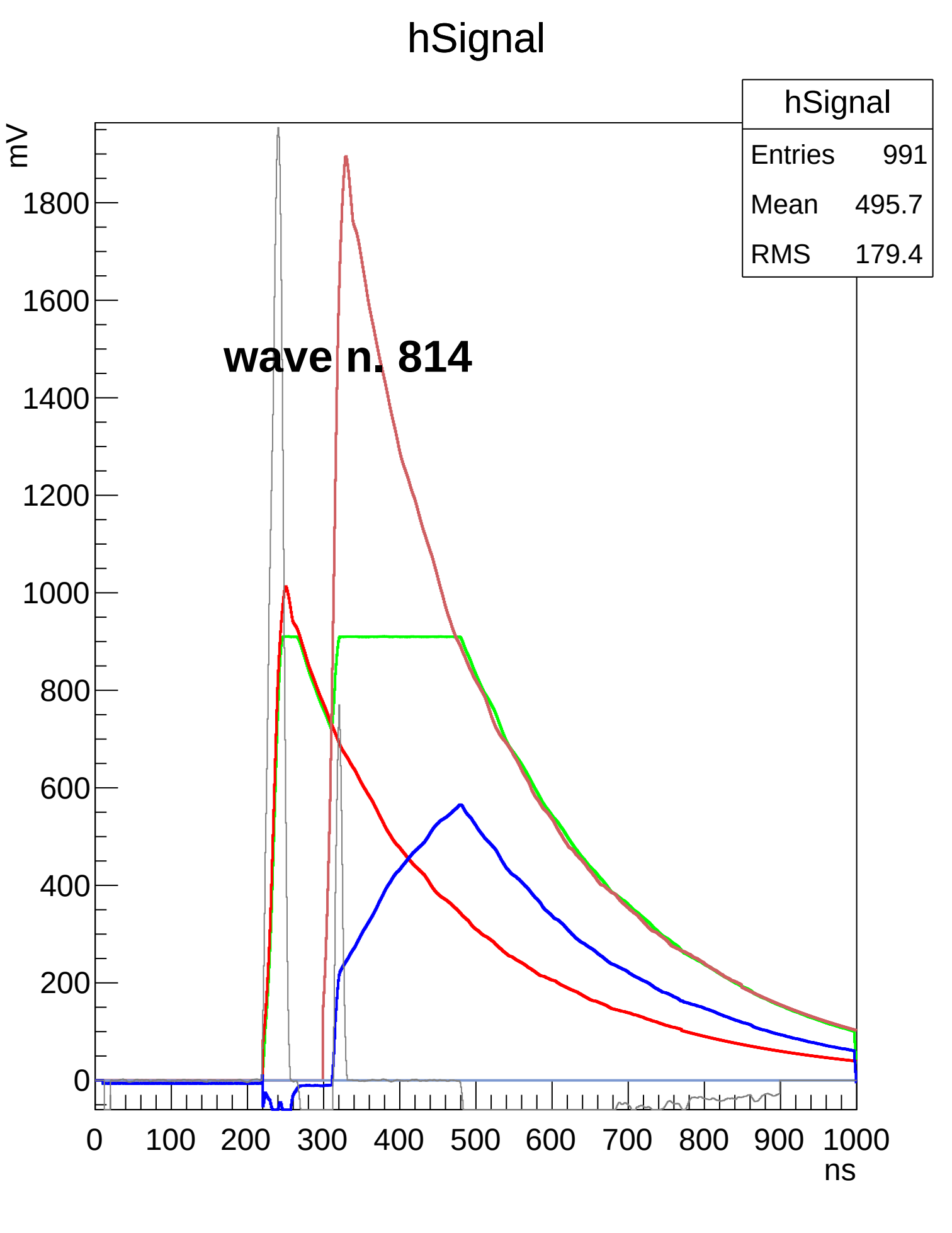
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.2
RMS 158.5
wave n. 811
mV
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 598.9
RMS 170
wave n. 812
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 612
RMS 152.7
wave n. 813
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 495.7
RMS 179.4
wave n. 814
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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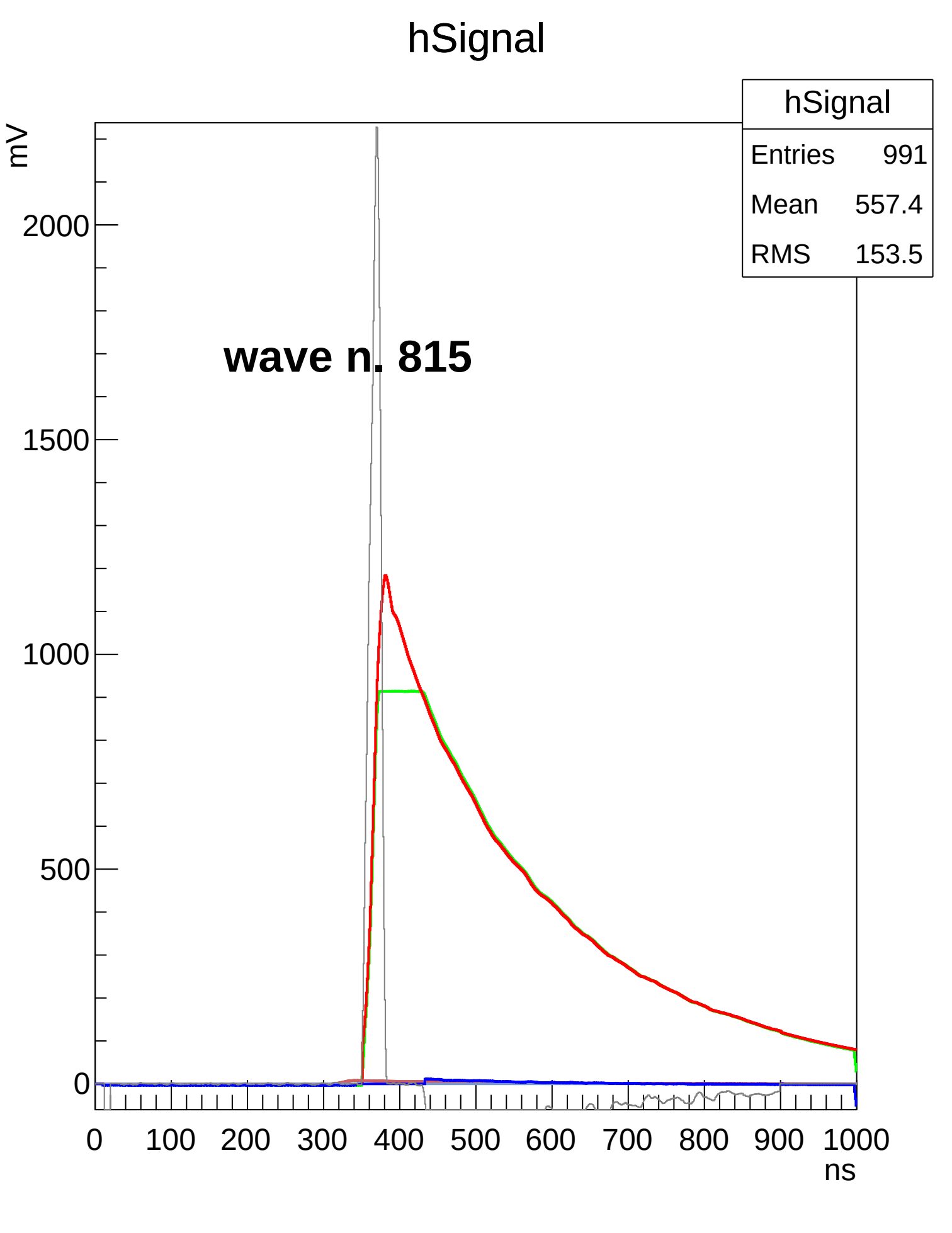
1000
ns


hSignal
hSignal
Entries 991
Mean 557.4
RMS 153.5
wave n. 815
mV
2000
1500
1000
500
0
0
100
200
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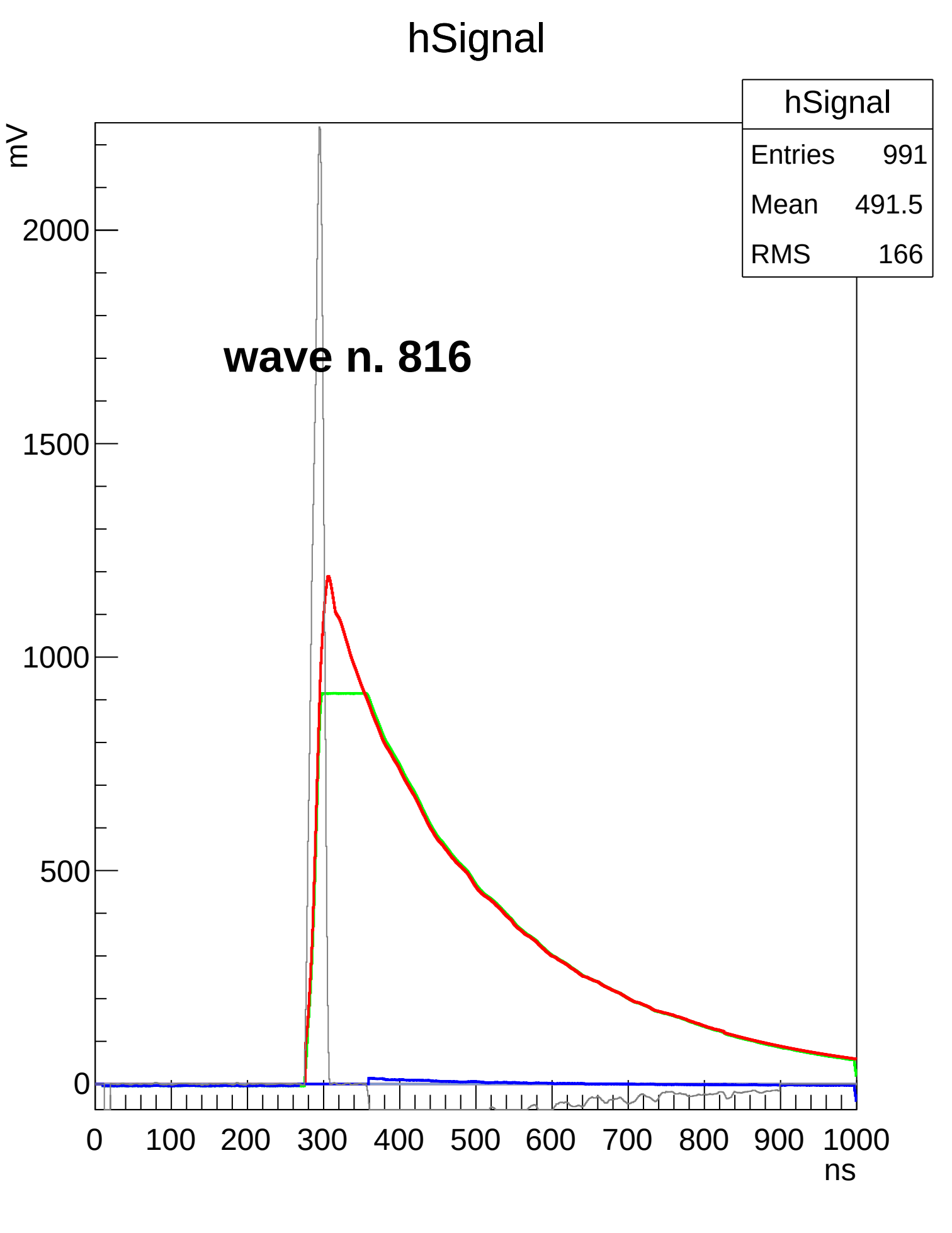
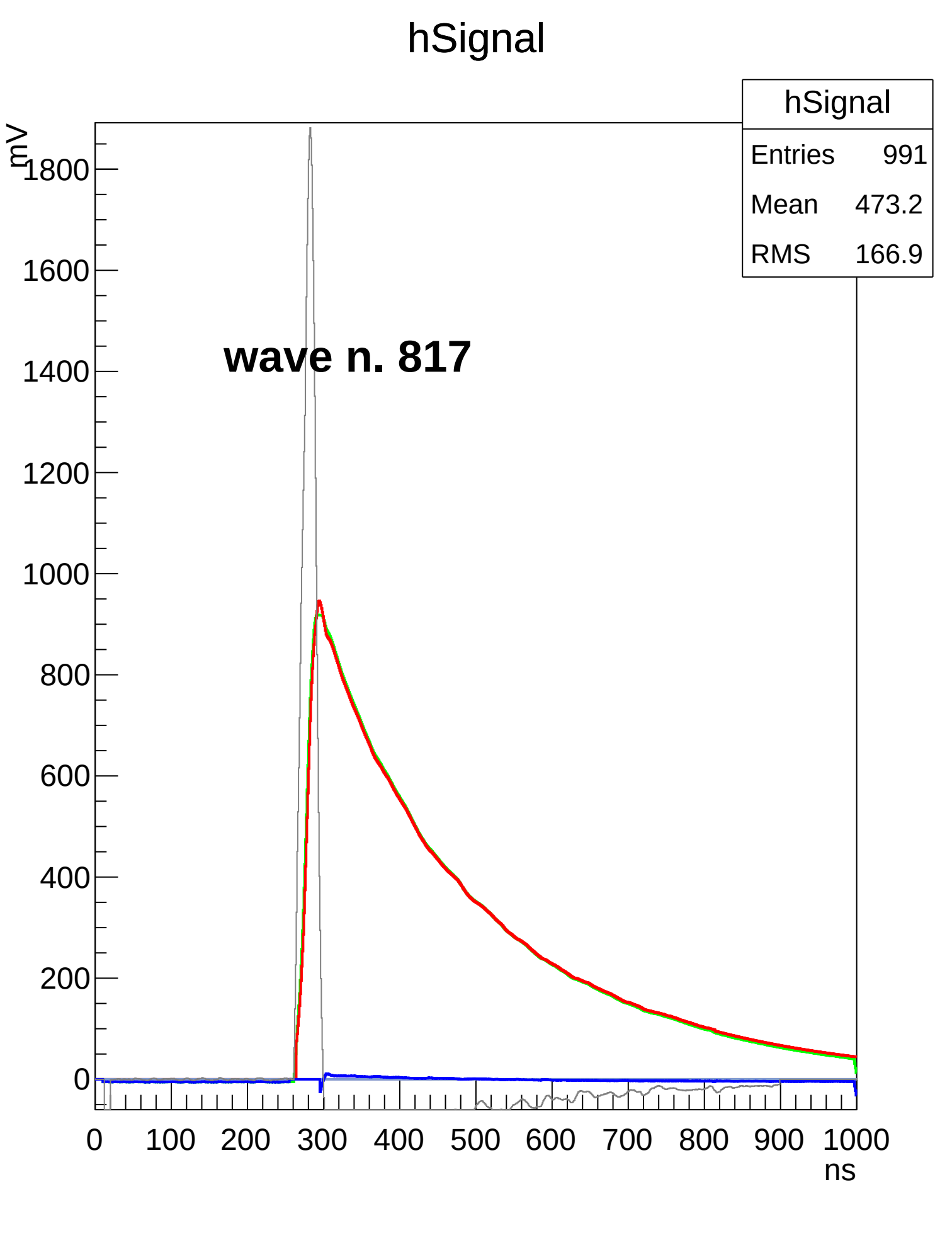
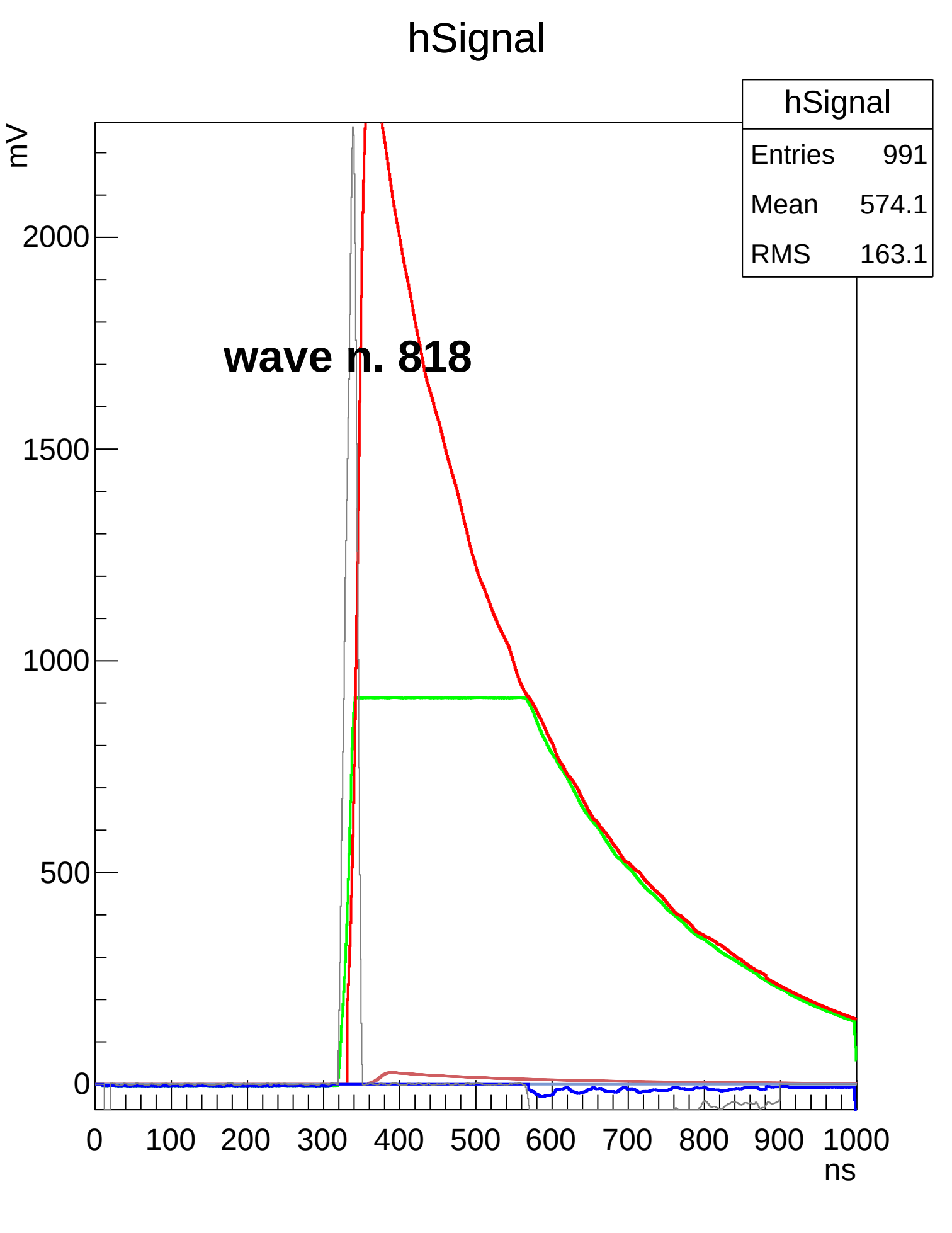
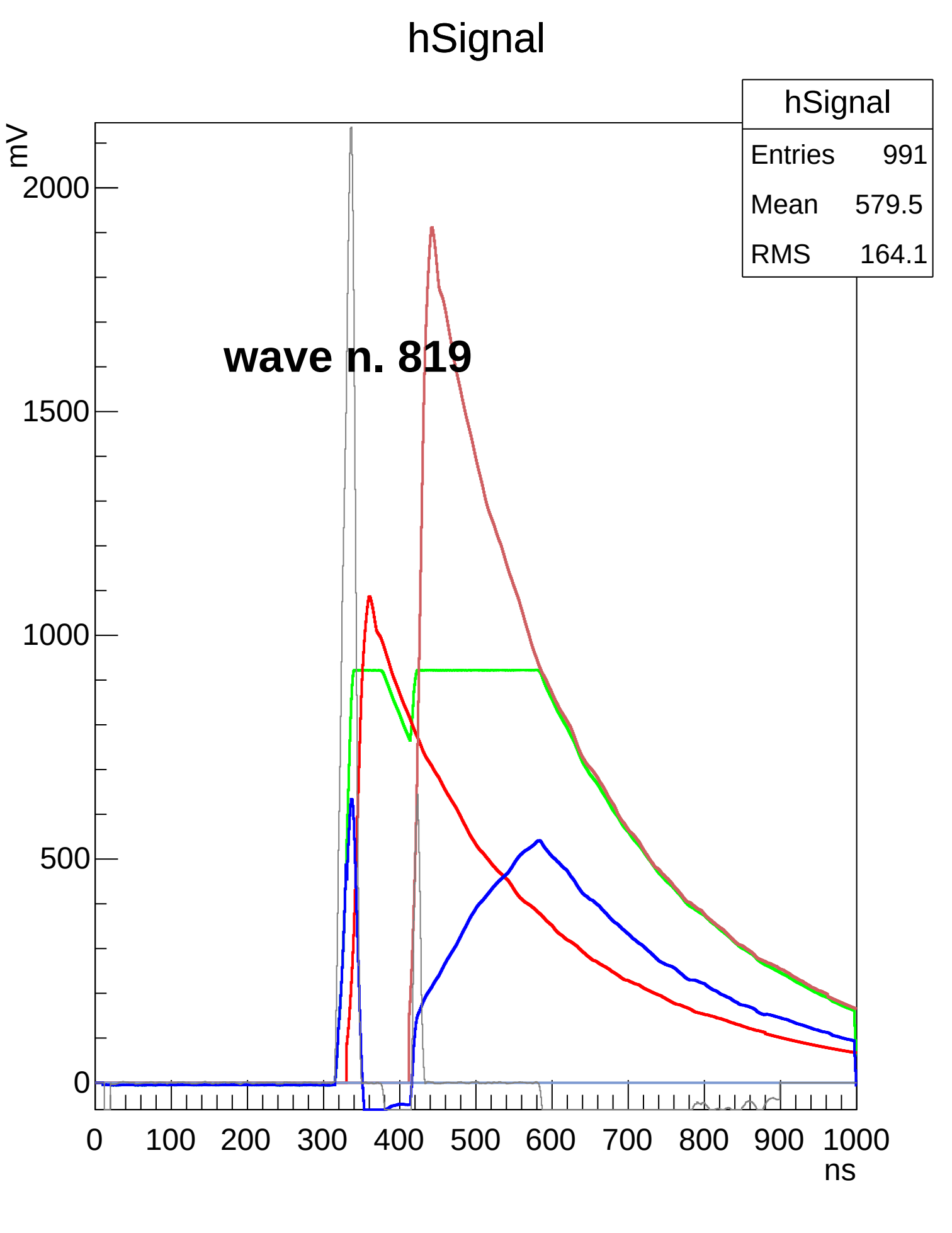
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 491.5
RMS 166
wave n. 816
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 473.2
RMS 166.9
wave n. 817
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 574.1
RMS 163.1
wave n. 818
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 579.5
RMS 164.1
wave n. 819
mV
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1000
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400
500
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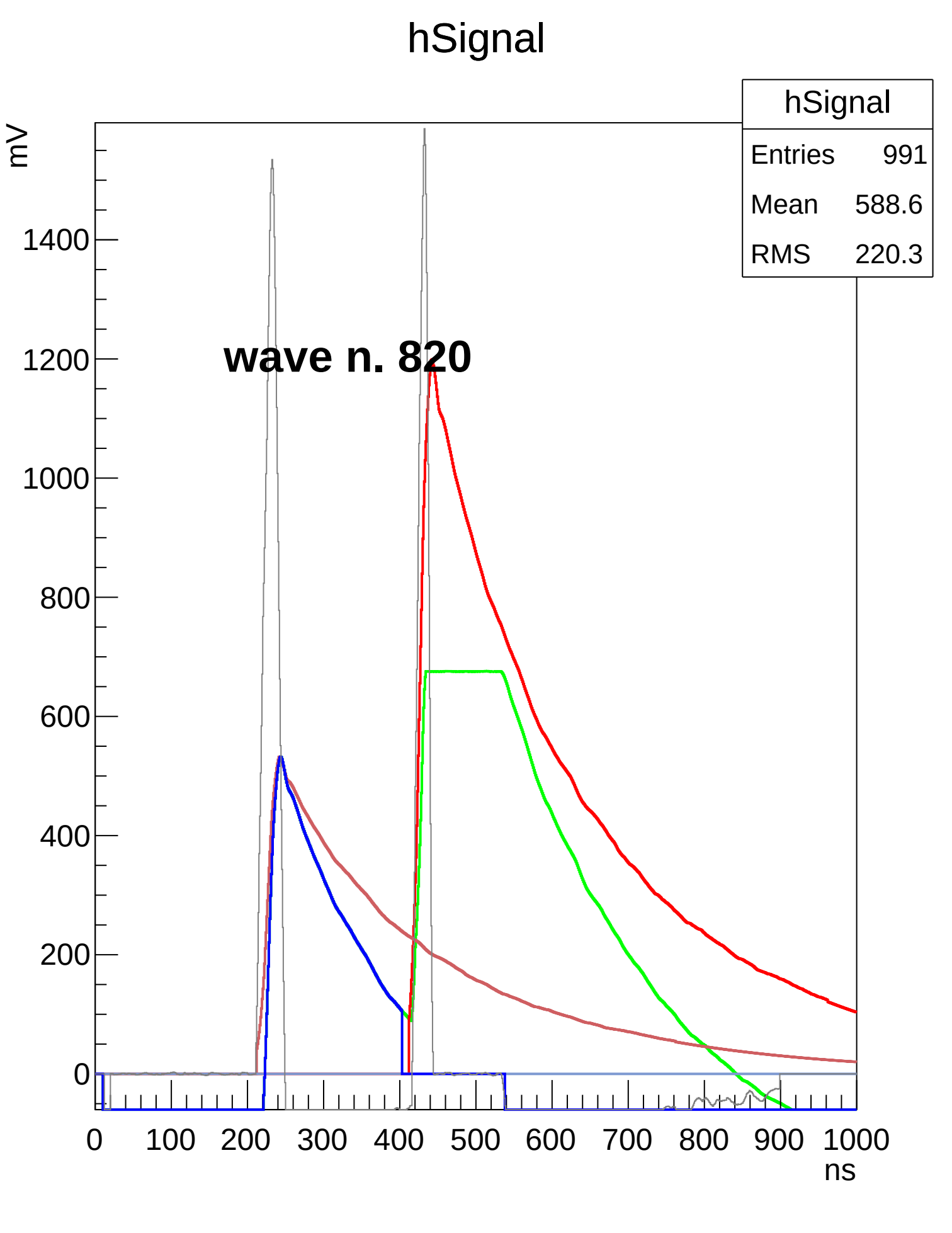
800
900
1000
ns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hSignal
Entries 991
Mean 588.6
RMS 220.3
wave n. 820
mV
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1200
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400
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1000
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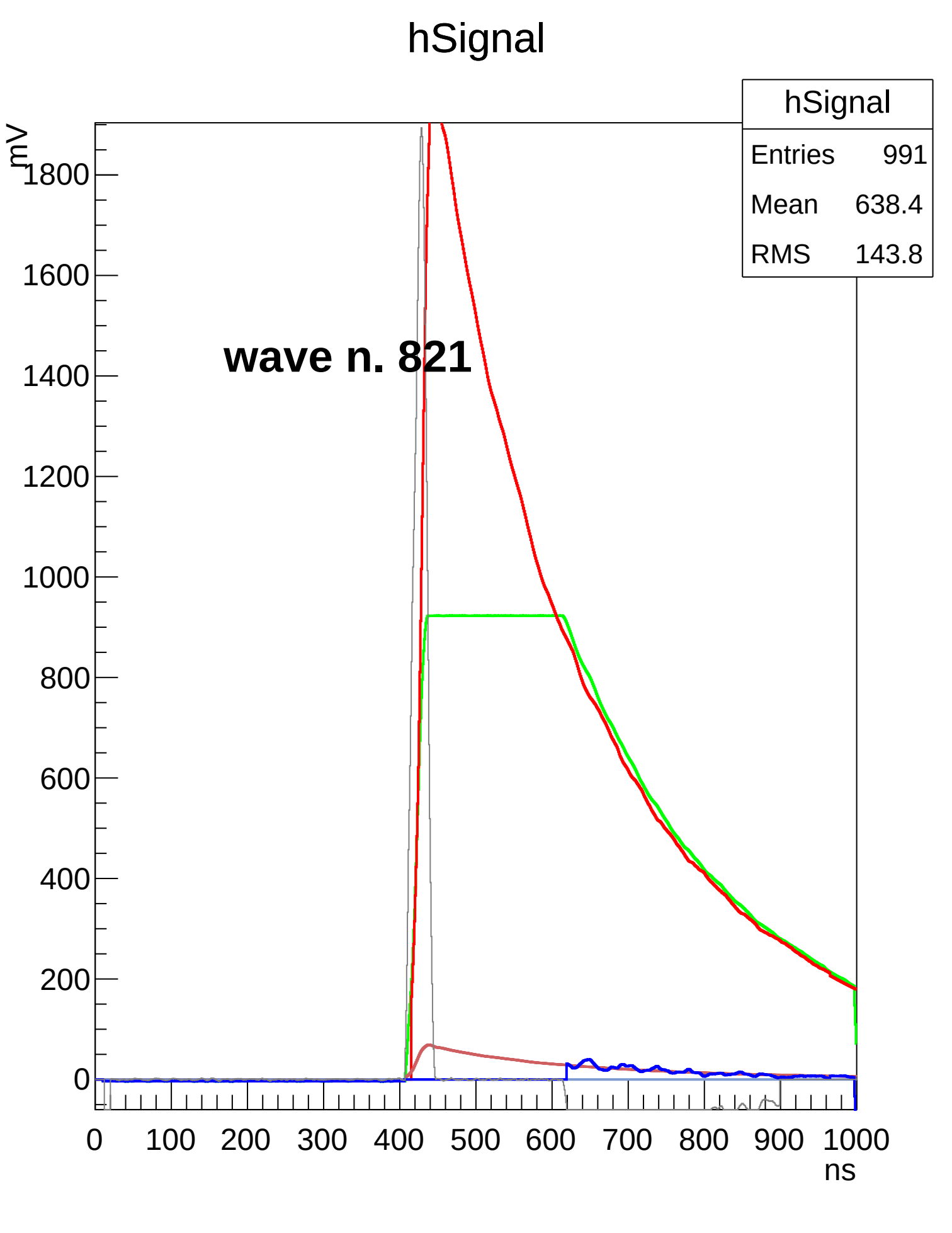
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Mean 638.4
RMS 143.8
wave n. 821
mV
1800
1600
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200
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0
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400
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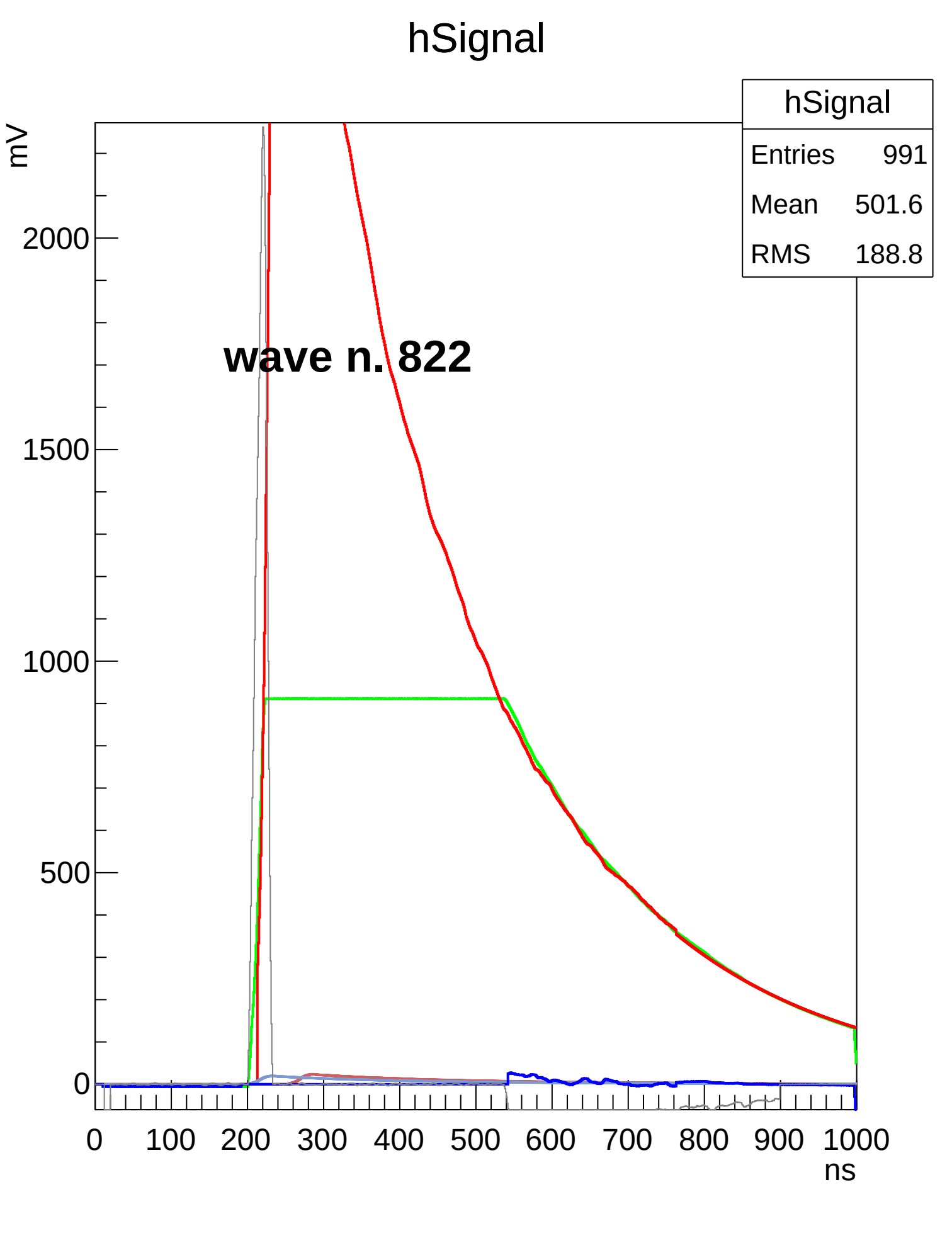
900
1000
ns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hSignal
Entries 991
Mean 501.6
RMS 188.8
wave n. 822
mV
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1500
1000
500
0
0
100
200
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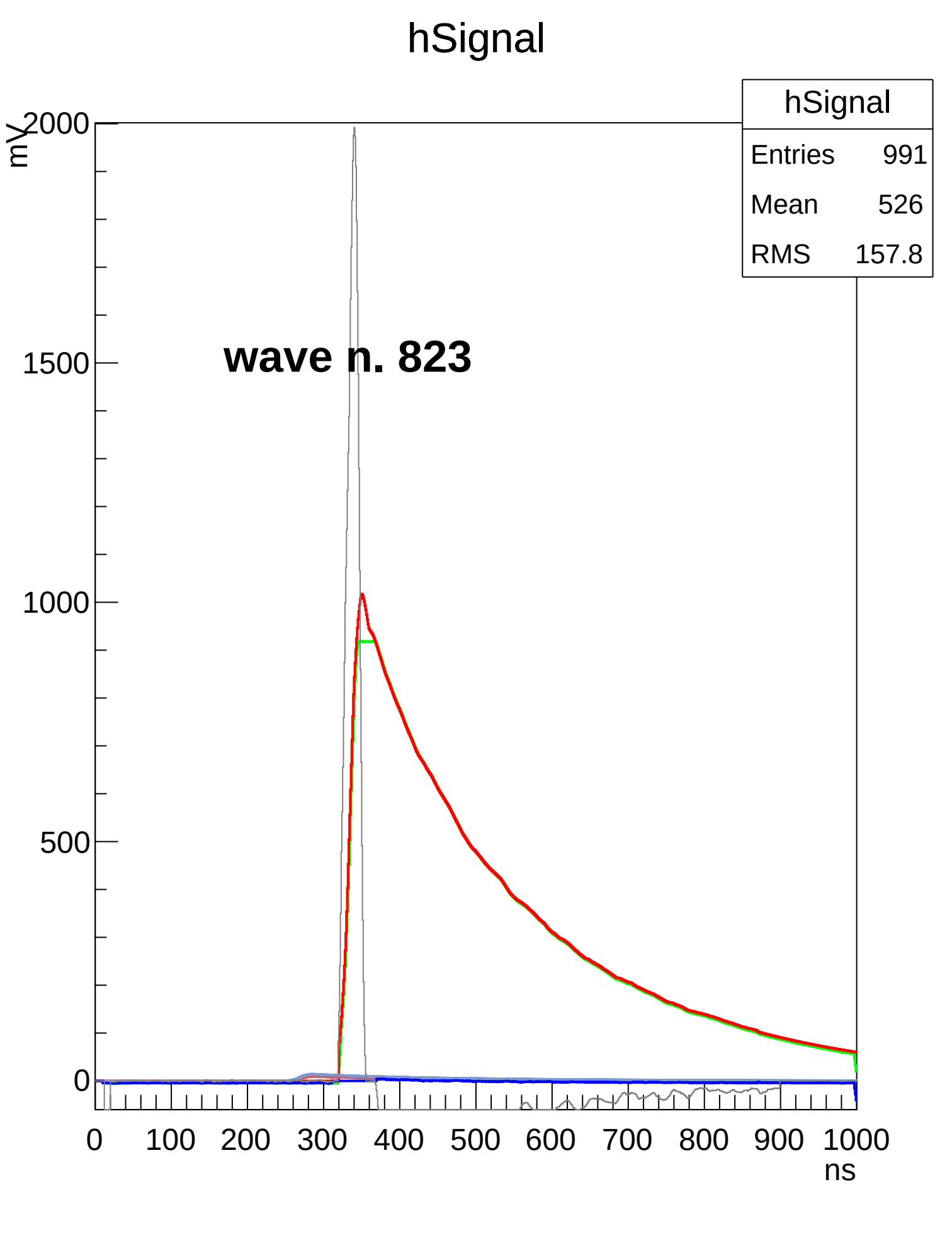
400
500
600
700
800
900
1000
ns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Entries 991
Mean 526
RMS 157.8
wave n. 823
mV
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1000
500
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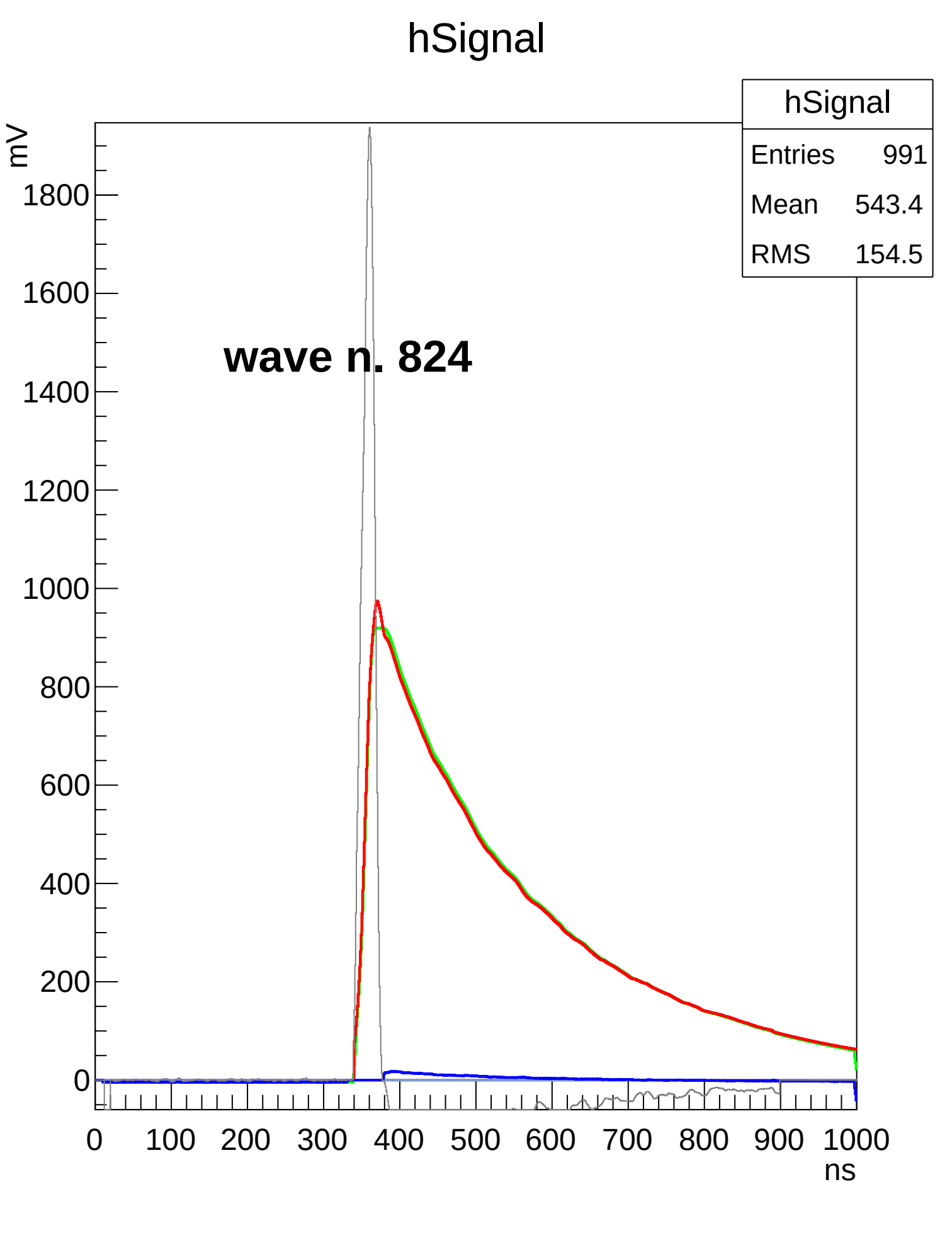
ns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hSignal
Entries 991
Mean 543.4
RMS 154.5
wave n. 824
mV
1800
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1400
1200
1000
800
600
400
200
0
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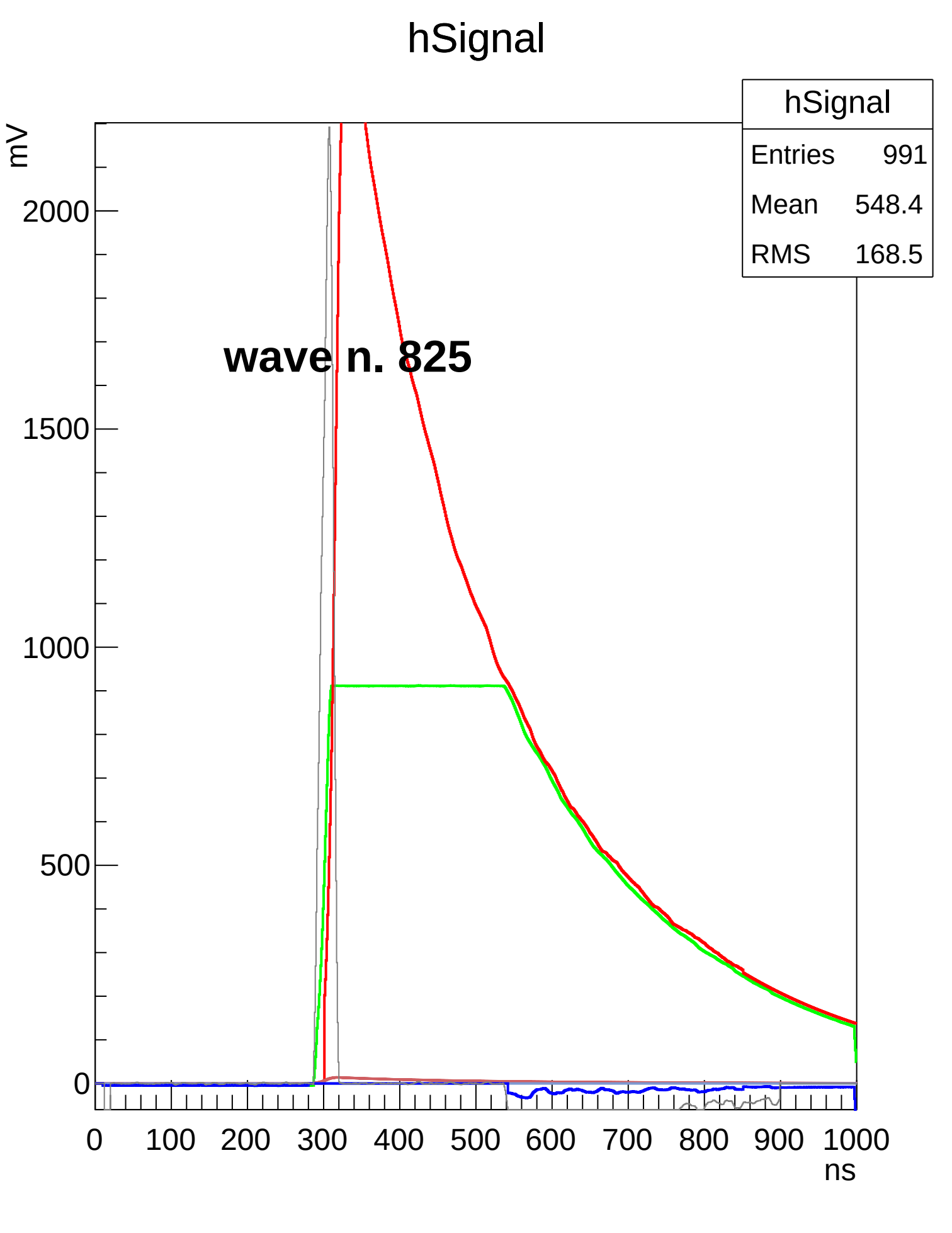
ns


hSignal
hSignal
Entries 991
Mean 548.4
RMS 168.5
wave n. 825
mV
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1500
1000
500
0
0
100
200
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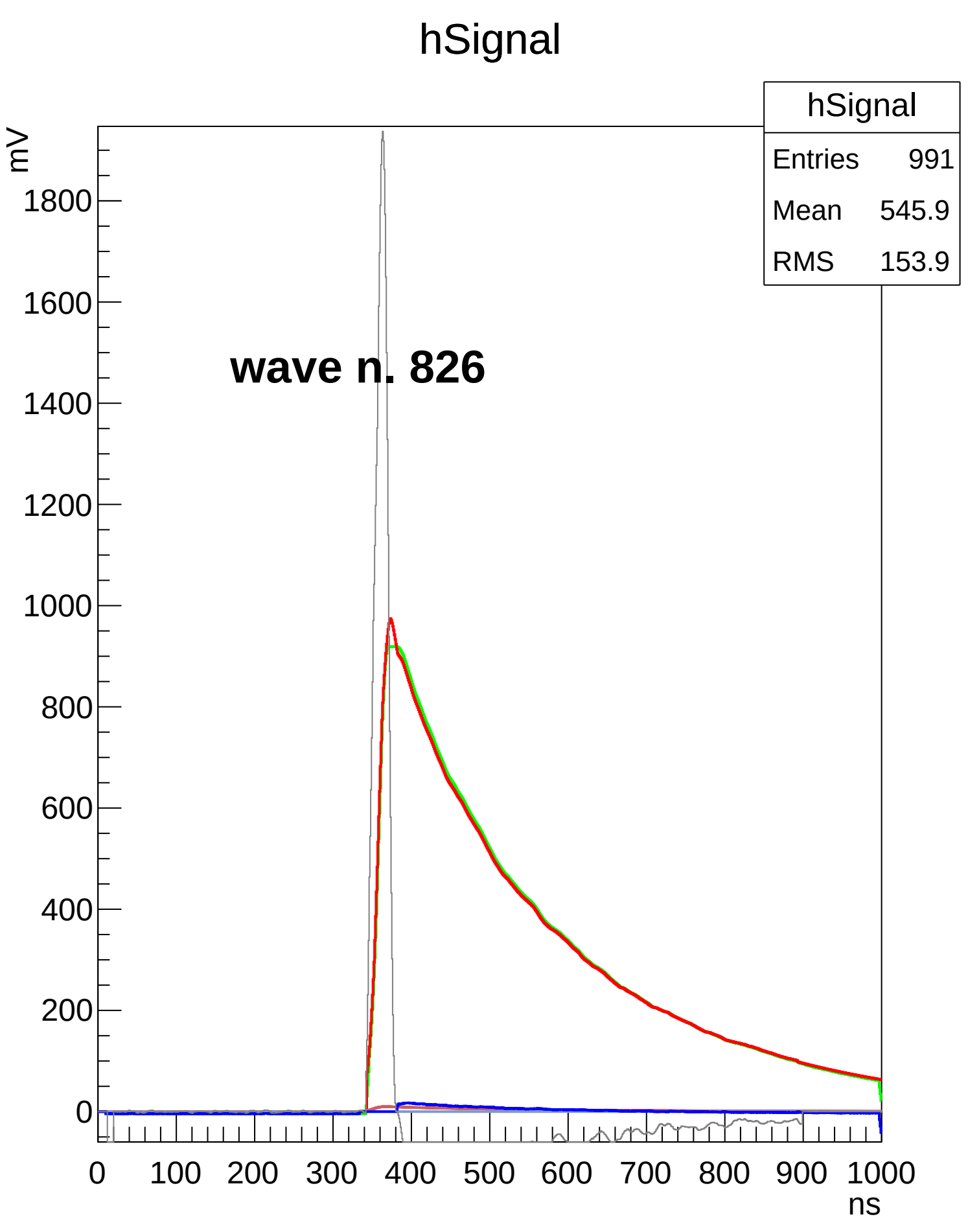
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 545.9
RMS 153.9
wave n. 826
mV
1800
1600
1400
1200
1000
800
600
400
200
0
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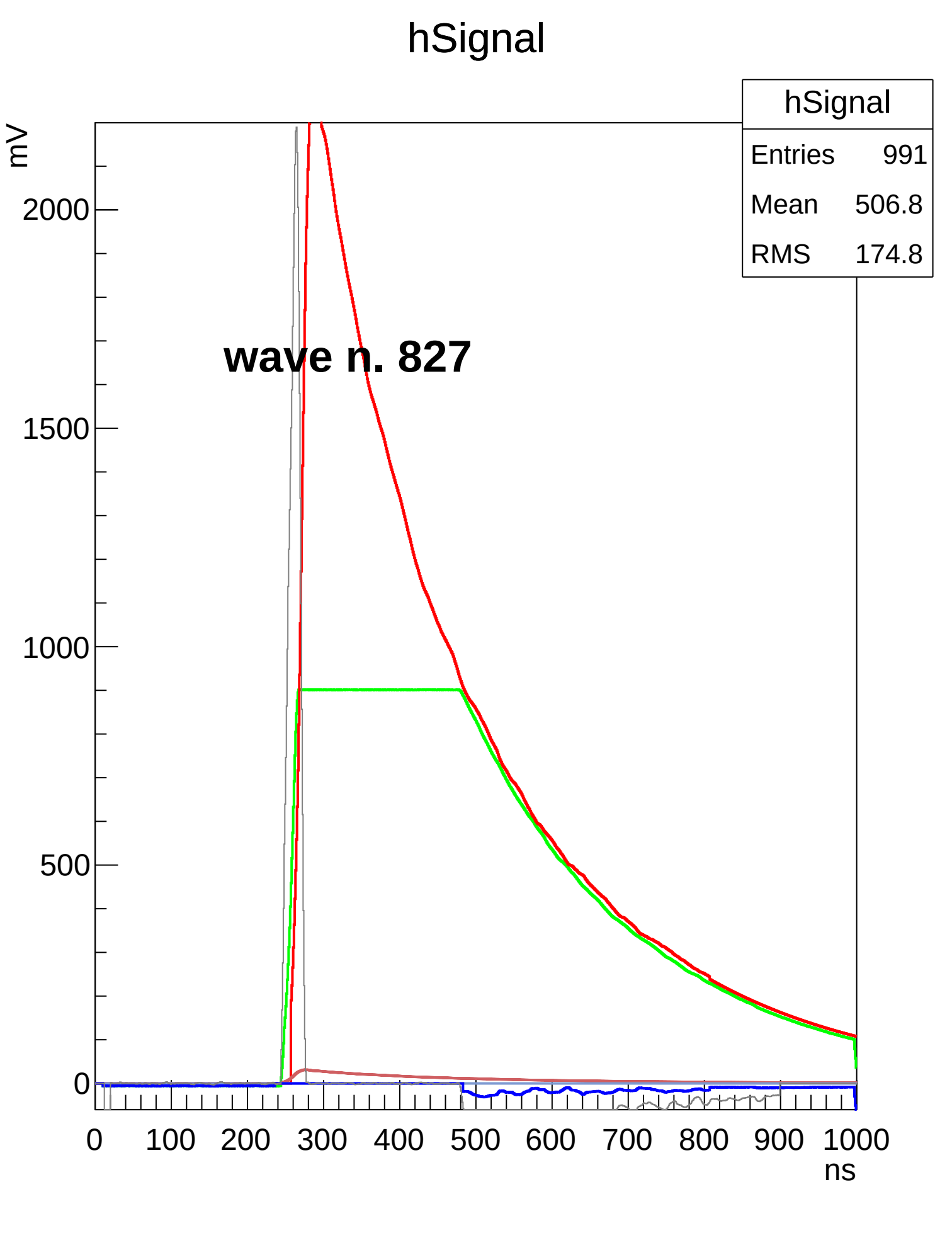
ns


hSignal
hSignal
Entries 991
Mean 506.8
RMS 174.8
wave n. 827
mV
2000
1500
1000
500
0
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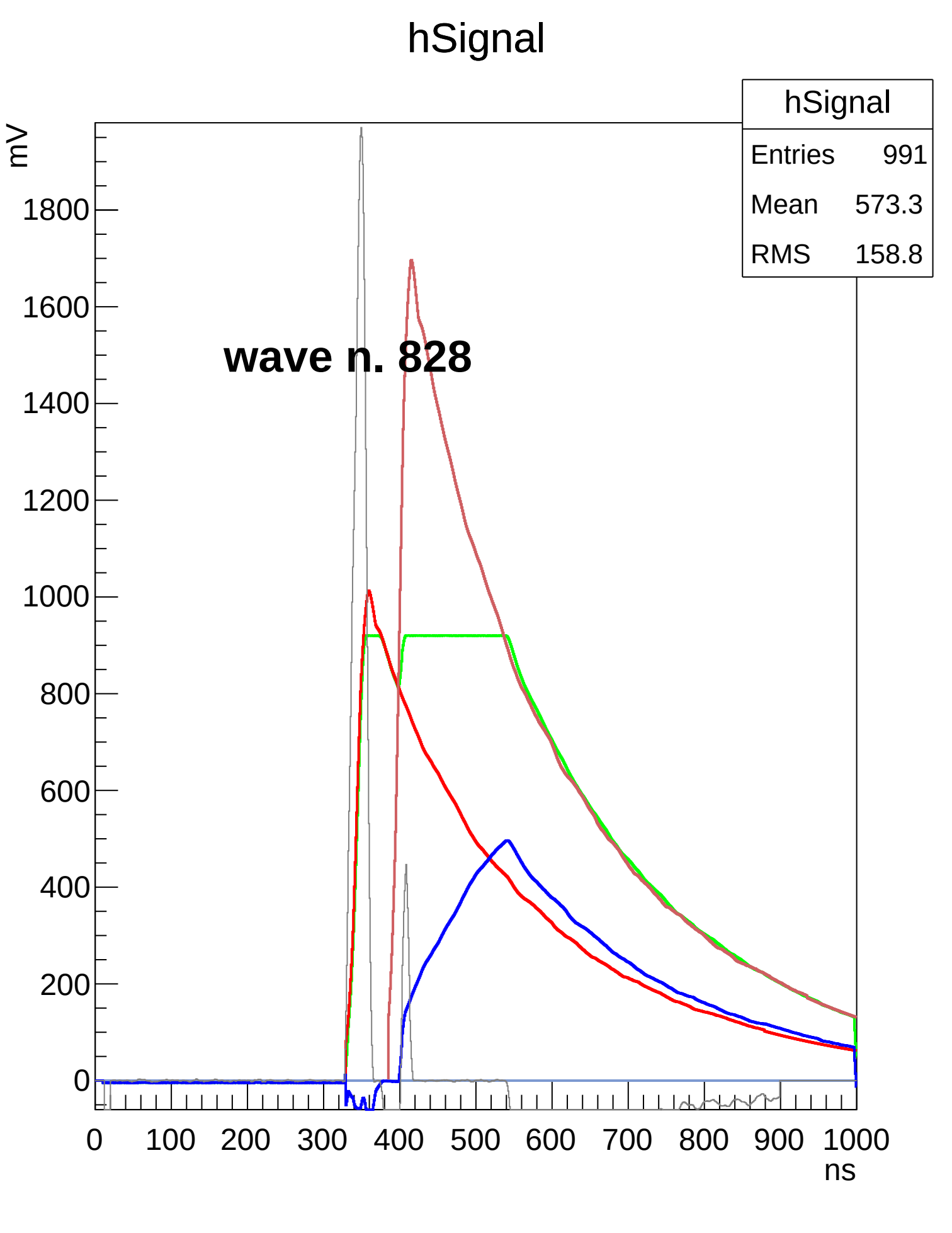
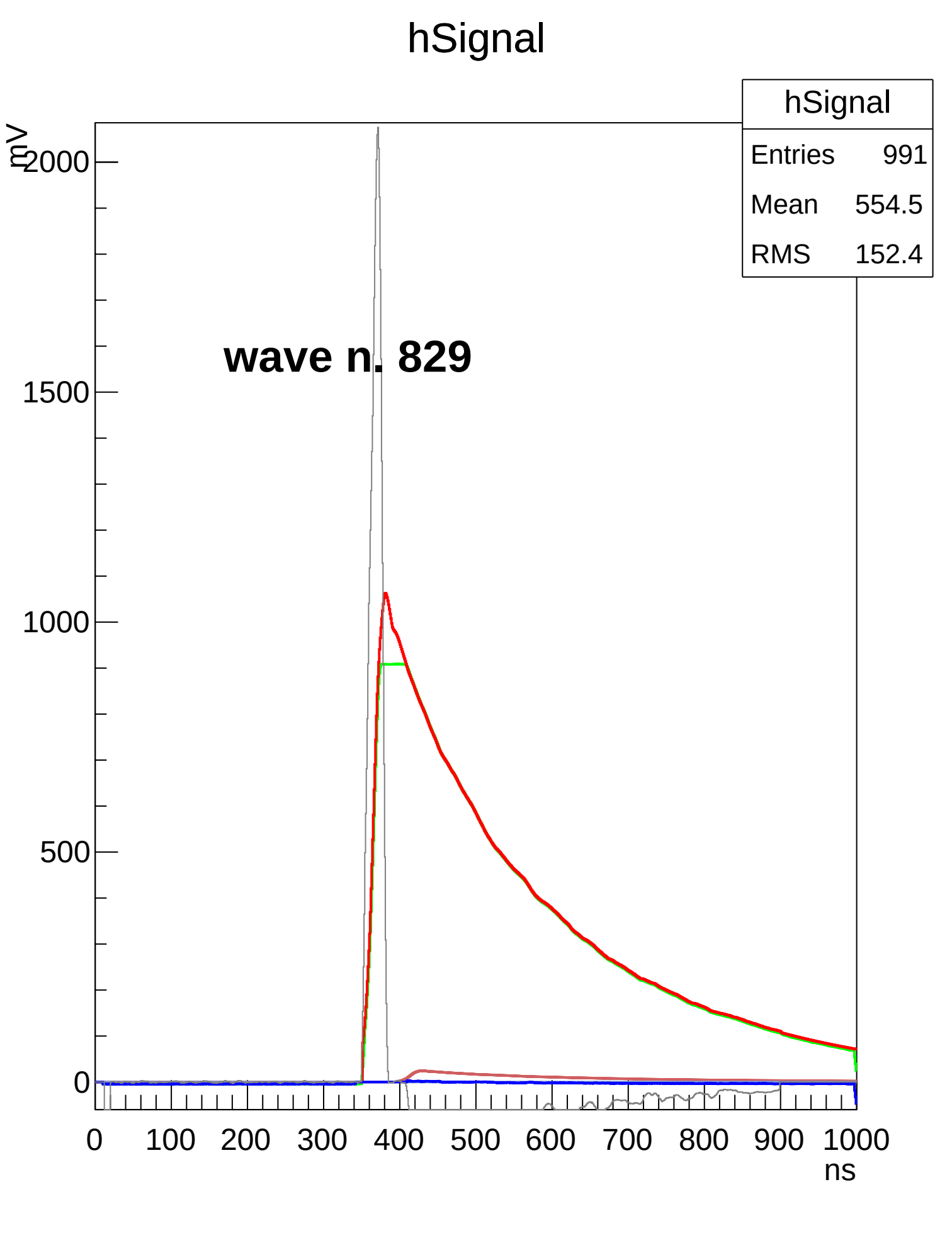
ns


hSignal
hSignal
Entries 991
Mean 573.3
RMS 158.8
wave n. 828
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 554.5
RMS 152.4
wave n. 829
mV
2000
1500
1000
500
0
0
100
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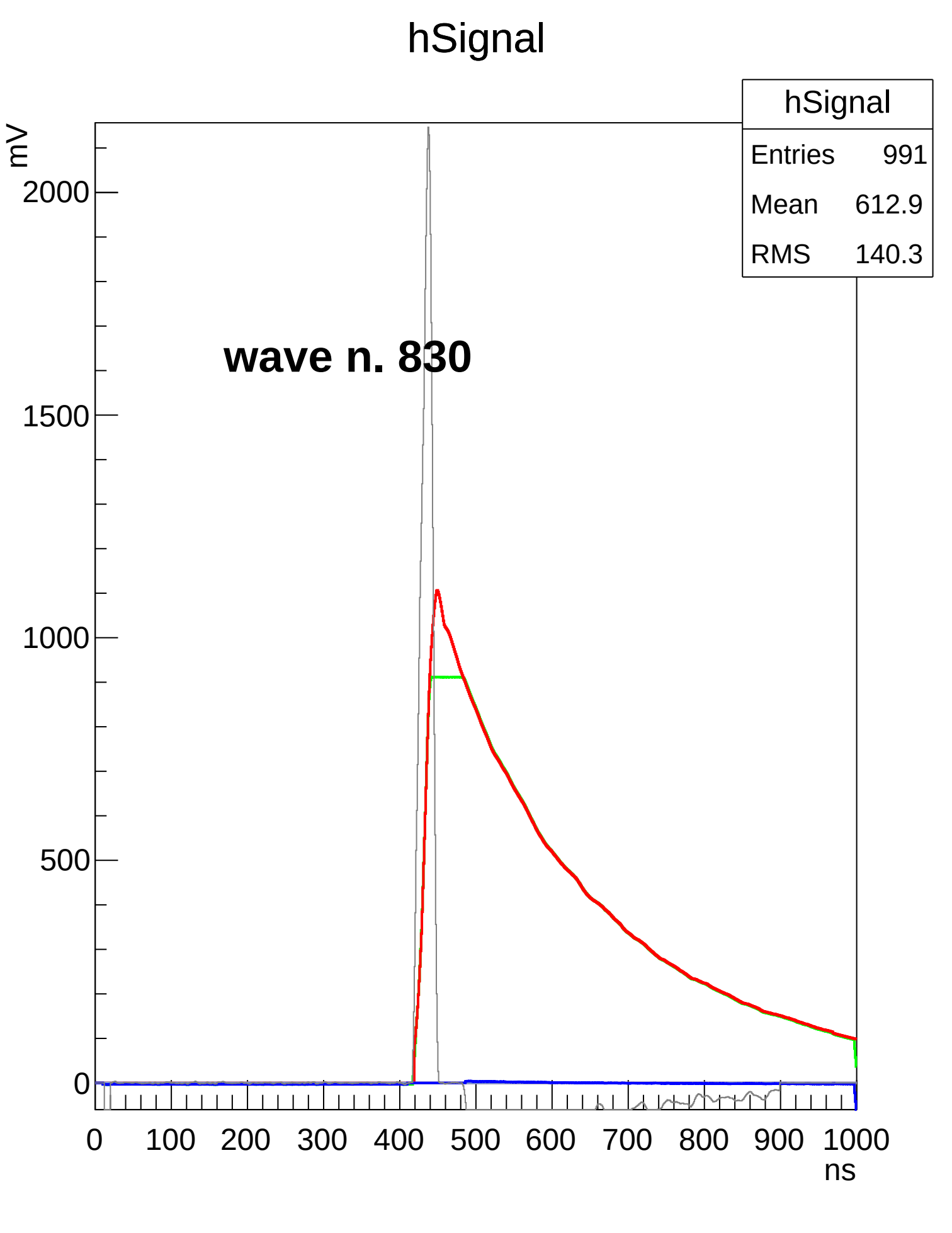
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 612.9
RMS 140.3
wave n. 830
mV
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1500
1000
500
0
0
100
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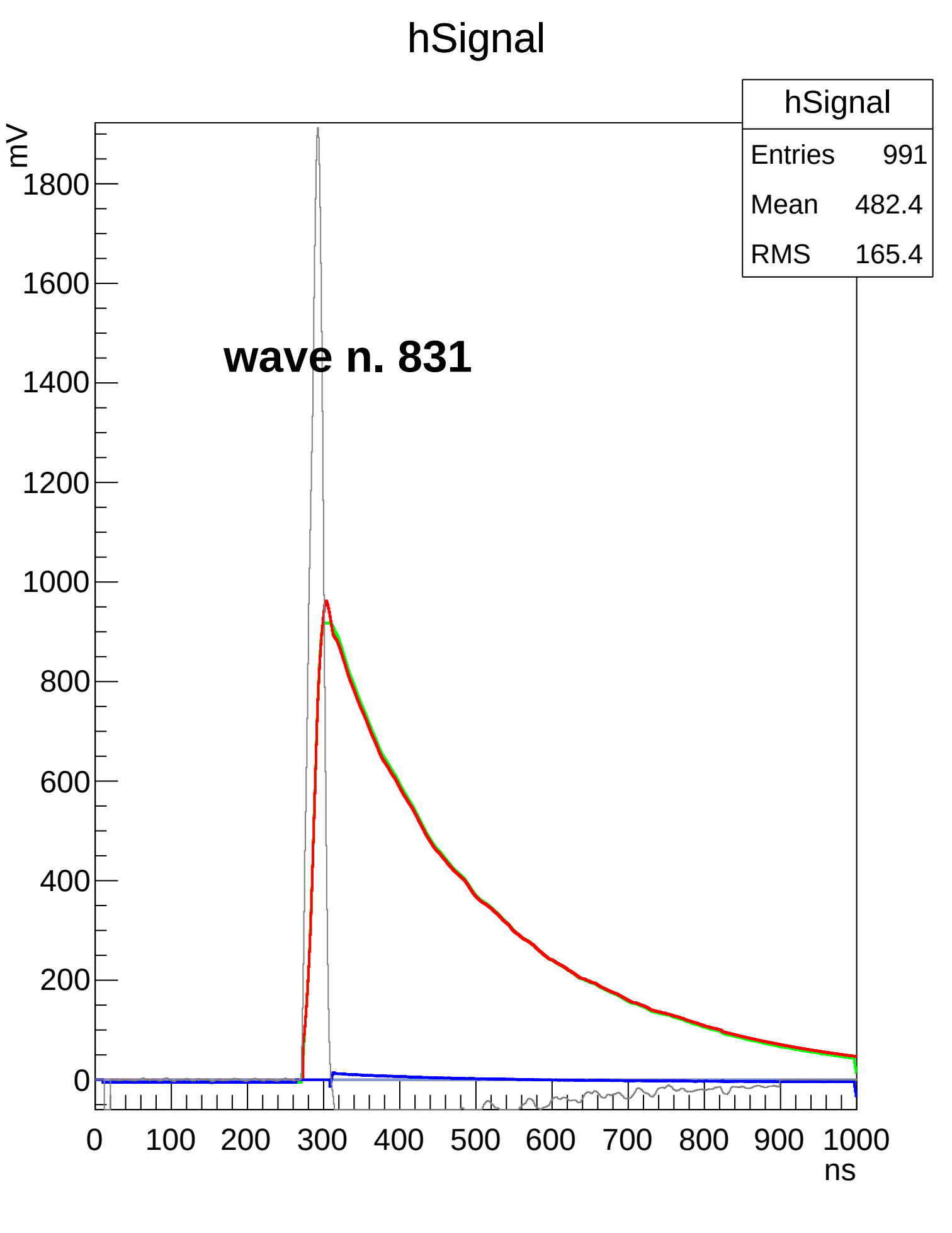
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 482.4
RMS 165.4
wave n. 831
mV
1800
1600
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600
400
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0
0
100
200
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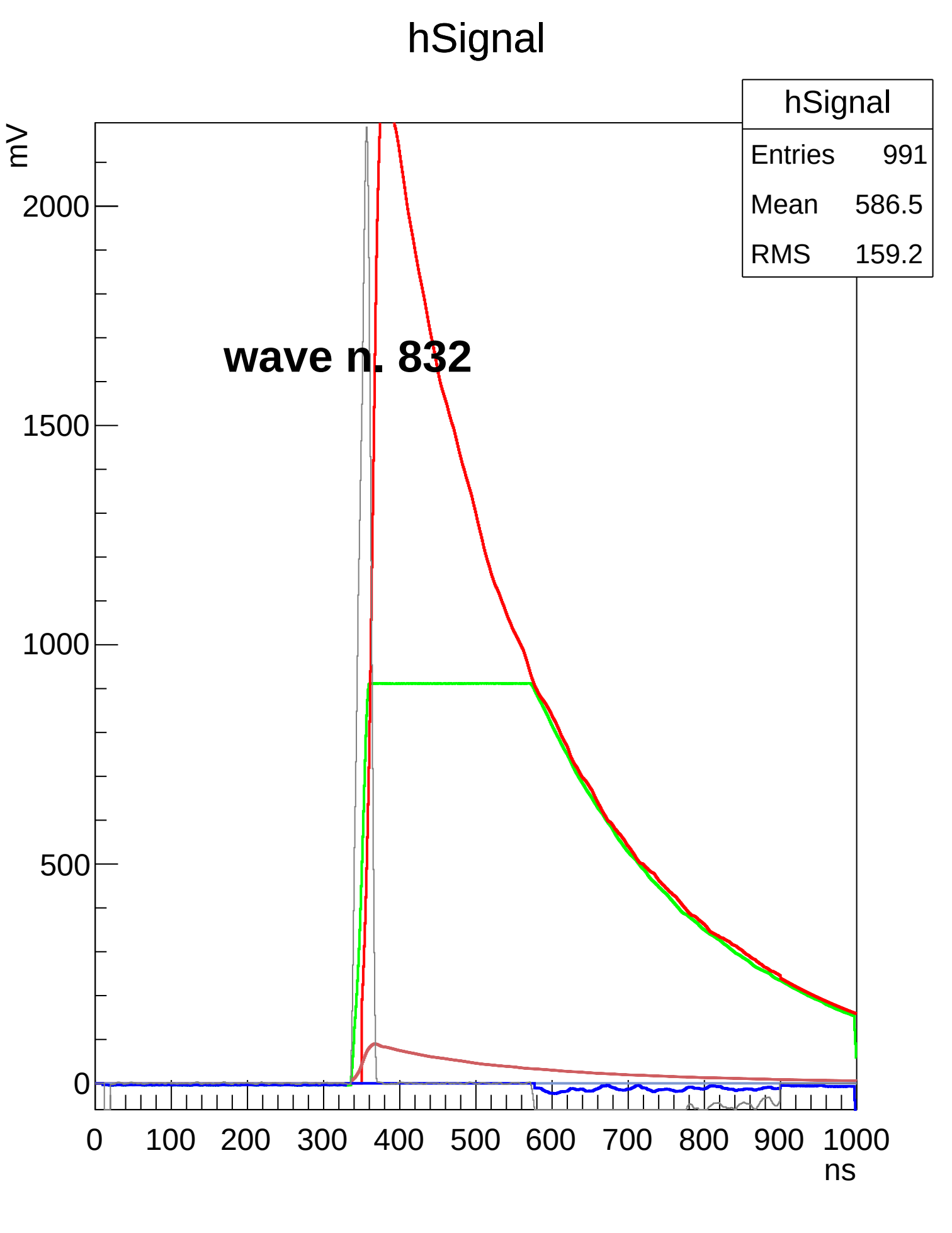
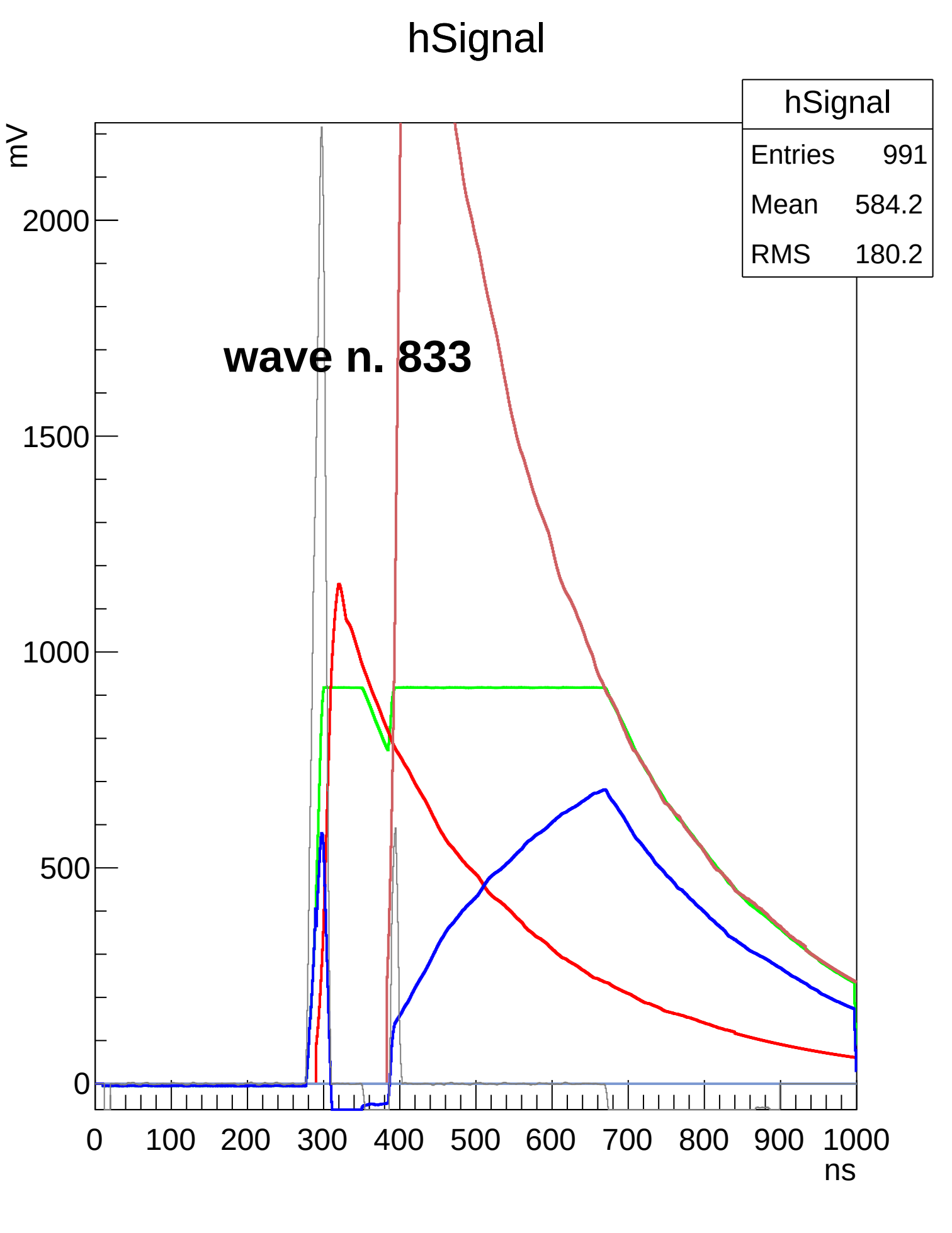
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586.5
RMS 159.2
wave n. 832
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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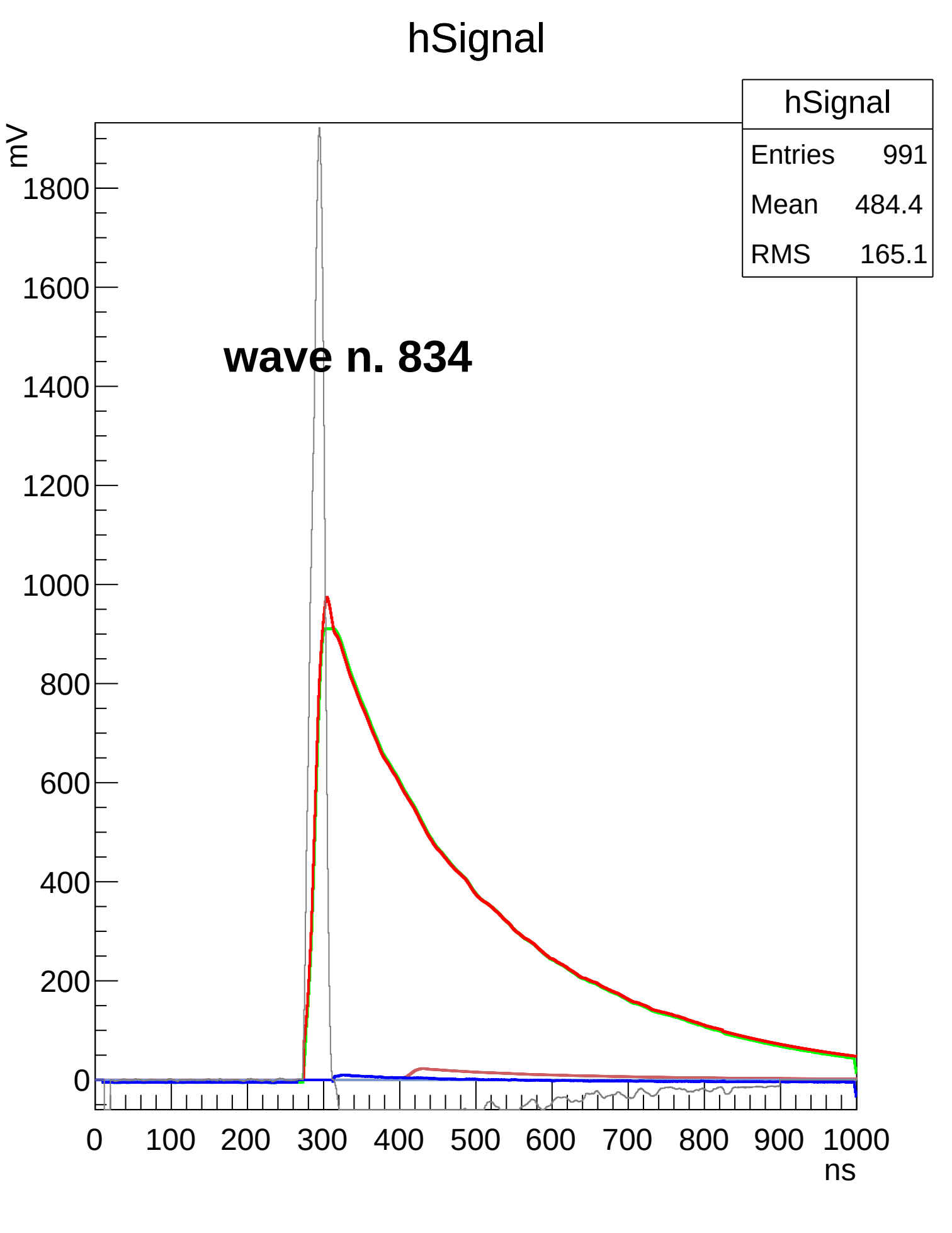
hSignal
Entries 991
Mean 584.2
RMS 180.2
wave n. 833
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 484.4
RMS 165.1
wave n. 834
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
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400
500
600
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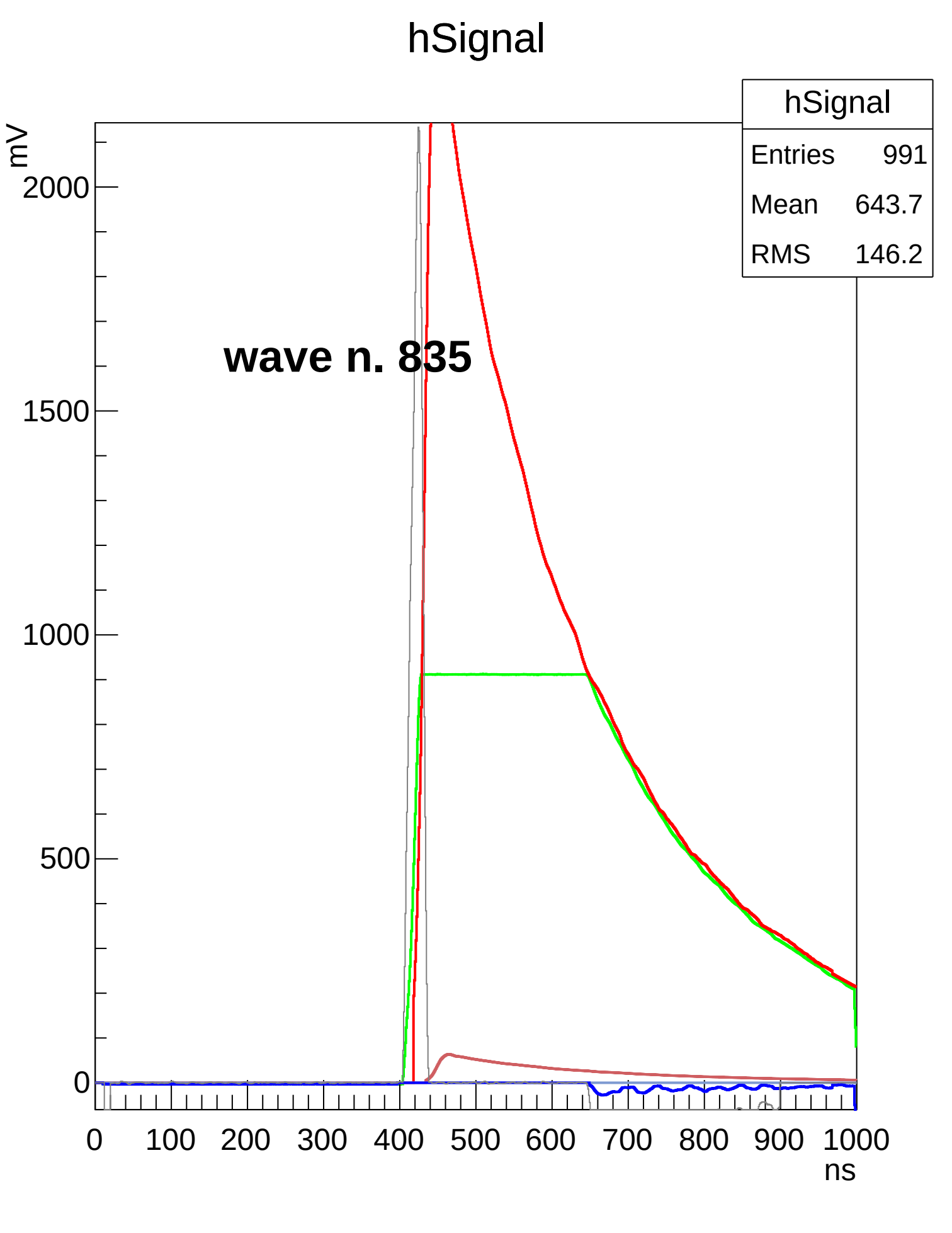
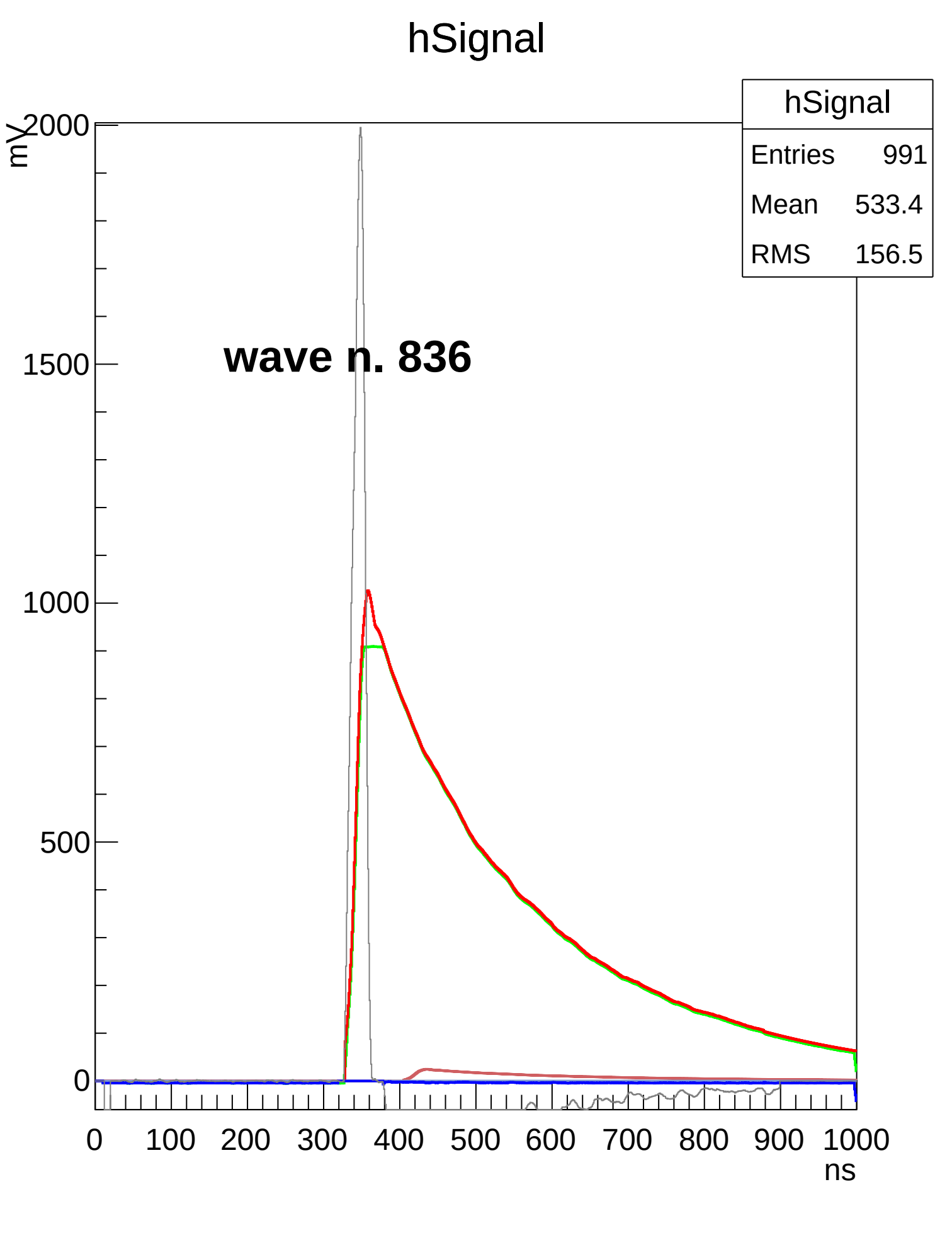
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 643.7
RMS 146.2
wave n. 835
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 533.4
RMS 156.5
wave n. 836
mV
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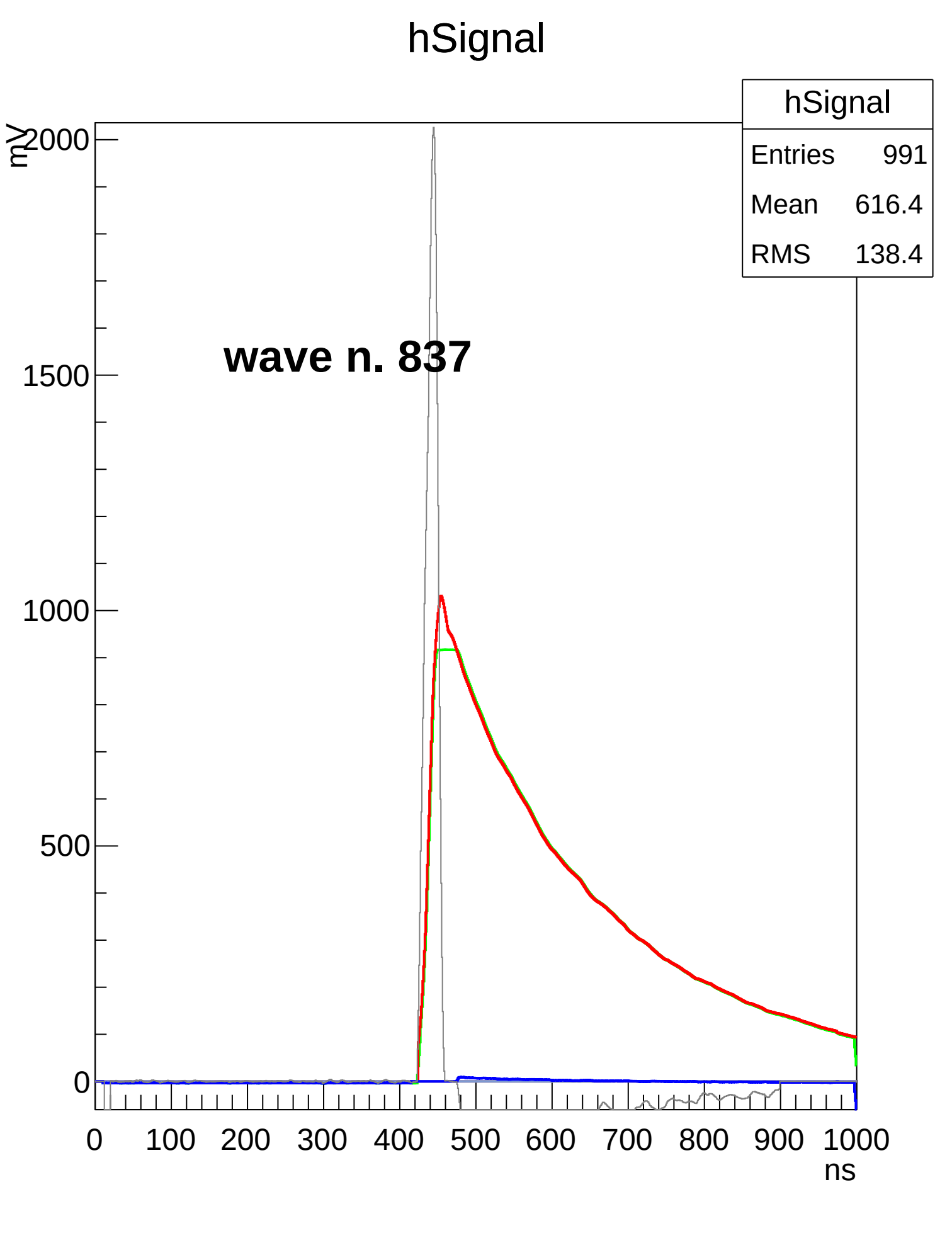
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 616.4
RMS 138.4
wave n. 837
mV
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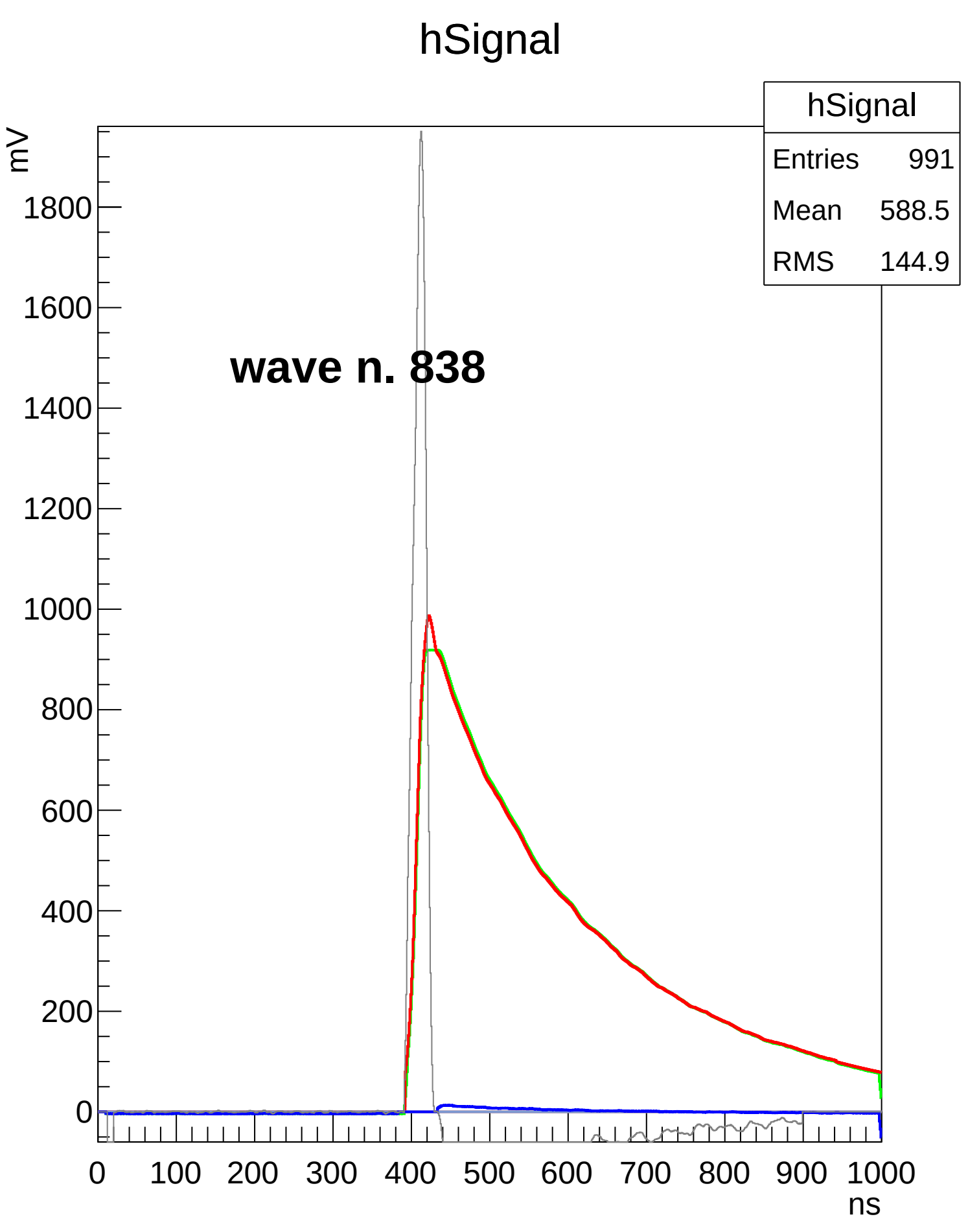
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 588.5
RMS 144.9
wave n. 838
mV
1800
1600
1400
1200
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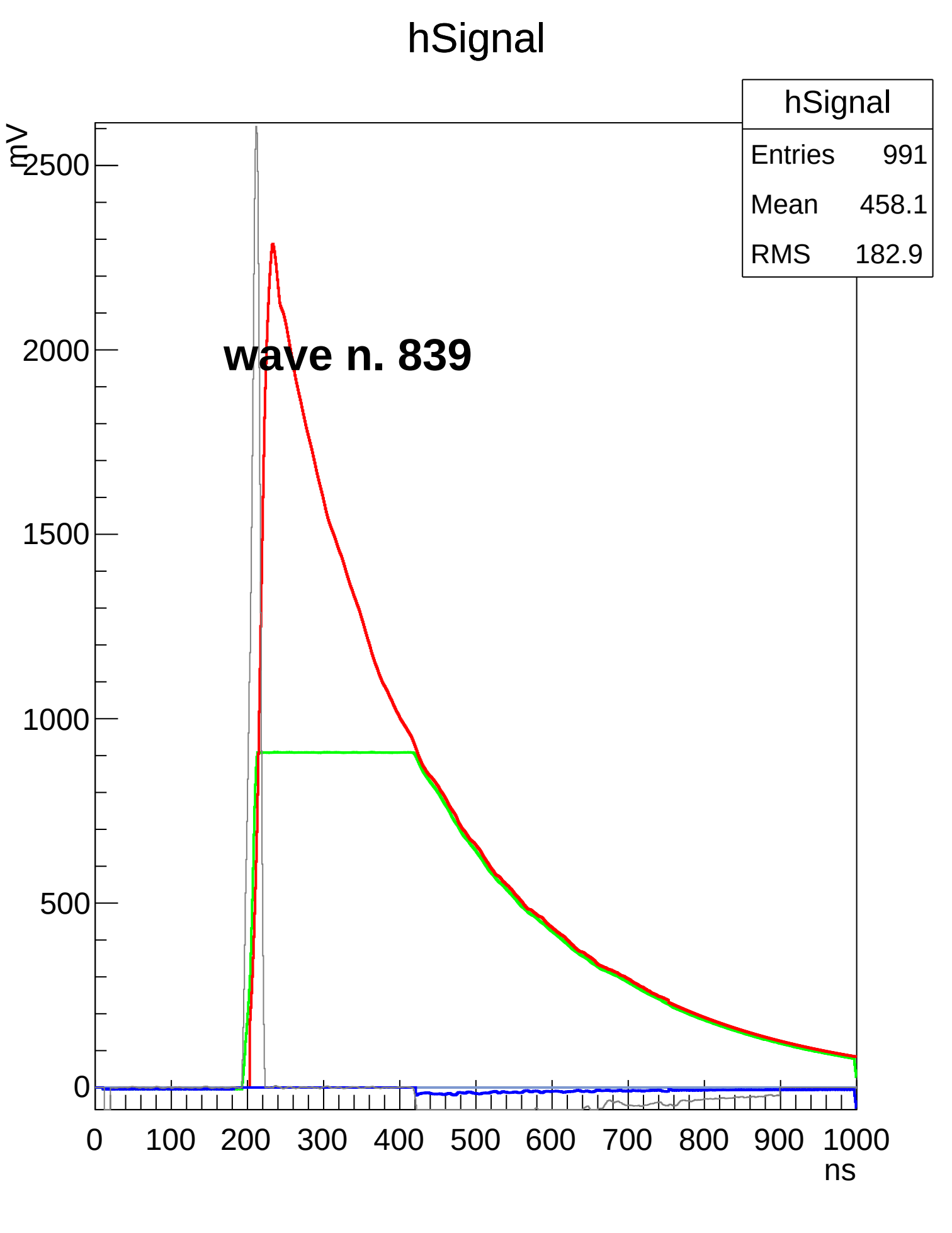
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 458.1
RMS 182.9
wave n. 839
mV
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1500
1000
500
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0
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400
500
600
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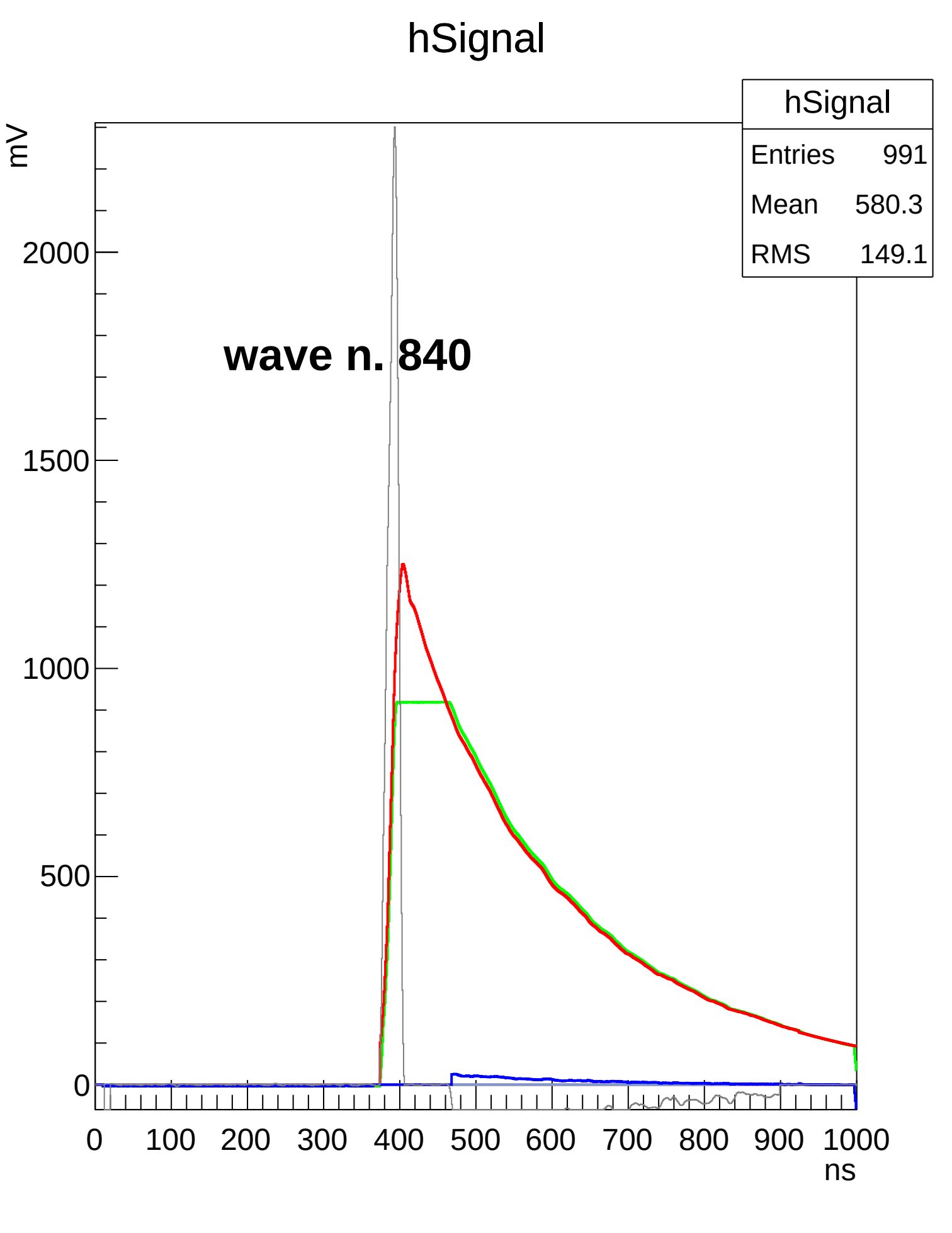
800
900
1000
ns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hSignal
Entries 991
Mean 580.3
RMS 149.1
wave n. 840
mV
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1500
1000
500
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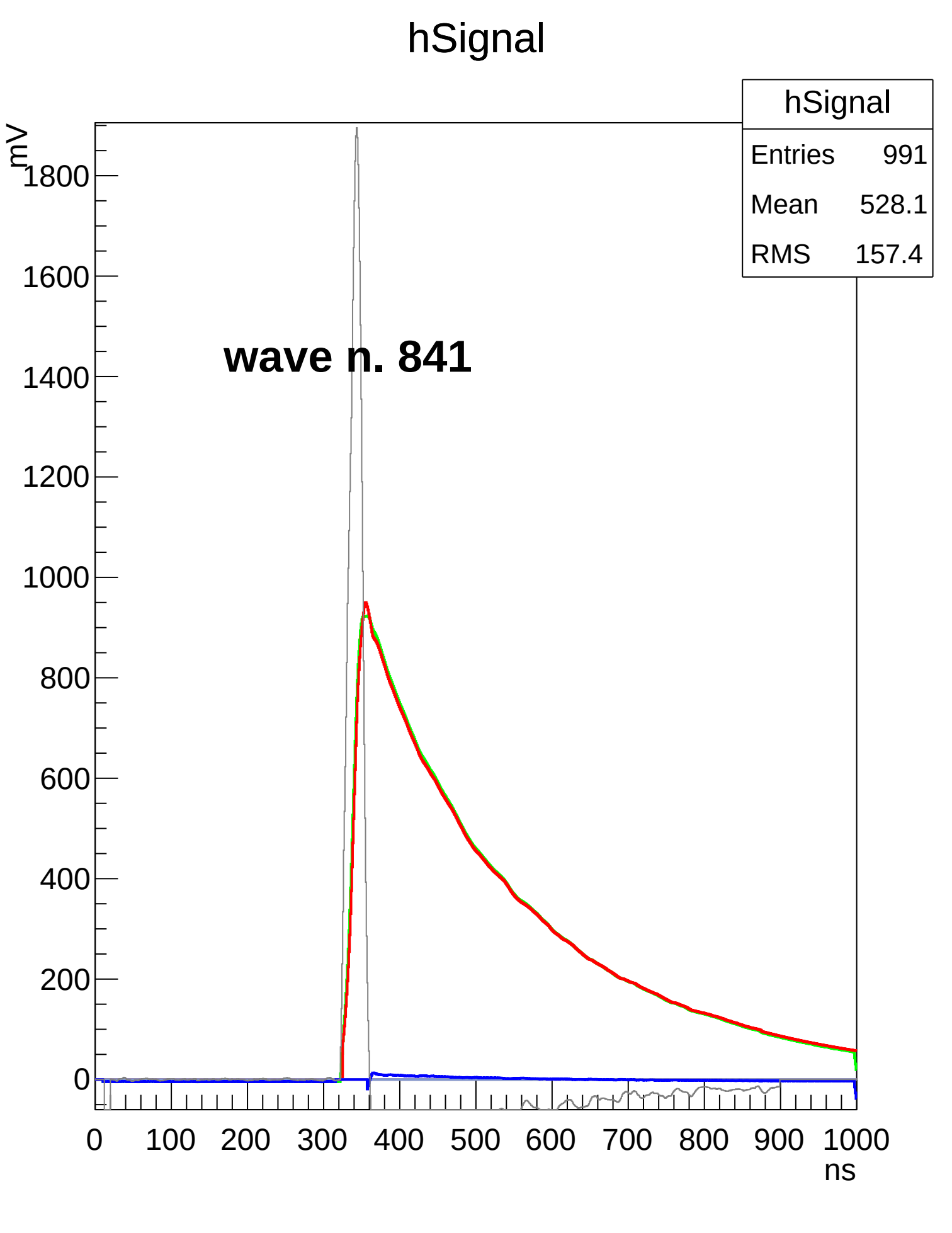
ns


hSignal
hSignal
Entries 991
Mean 528.1
RMS 157.4
wave n. 841
mV
1800
1600
1400
1200
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600
400
200
0
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200
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400
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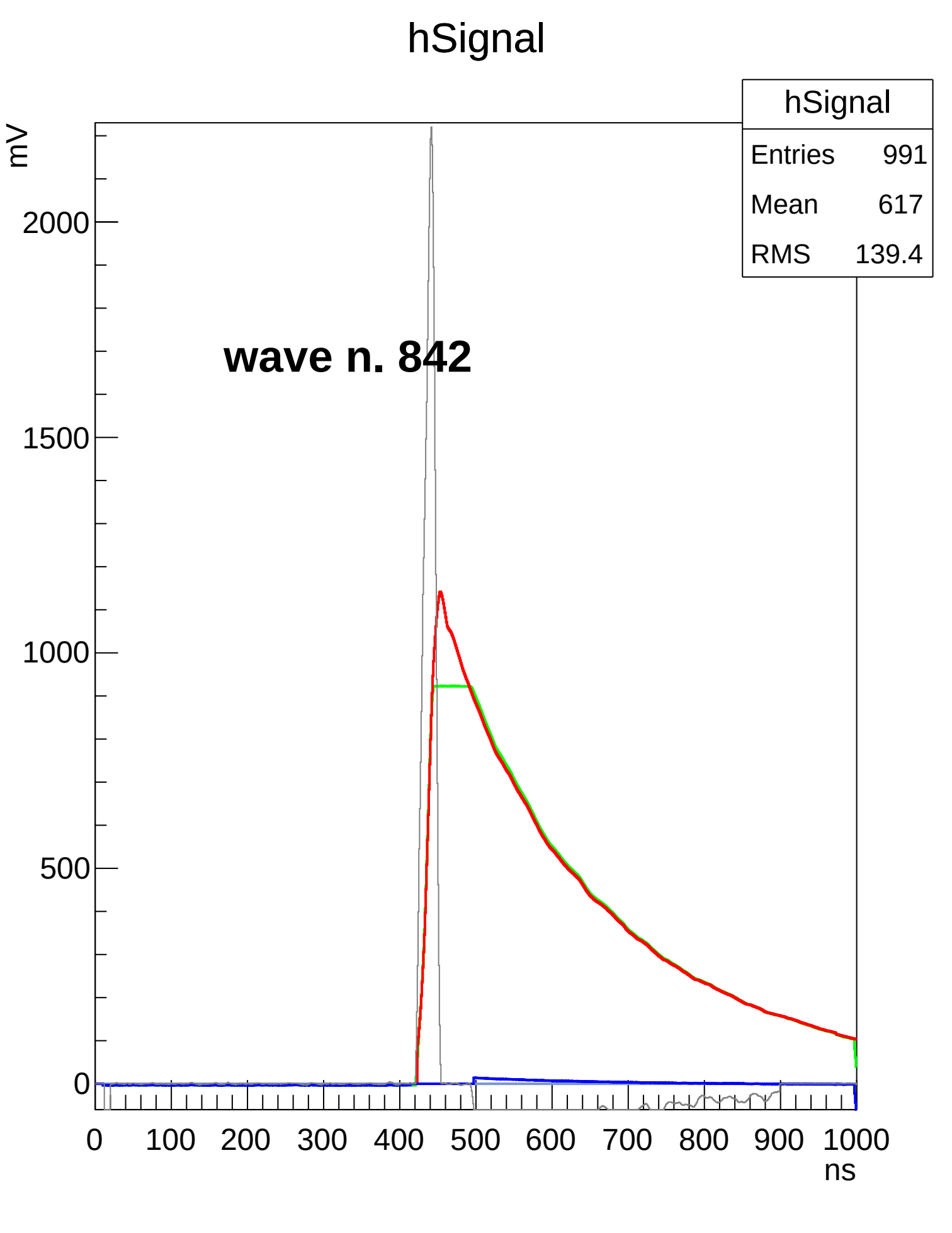
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hSignal
Entries 991
Mean 617
RMS 139.4
wave n. 842
mV
2000
1500
1000
500
0
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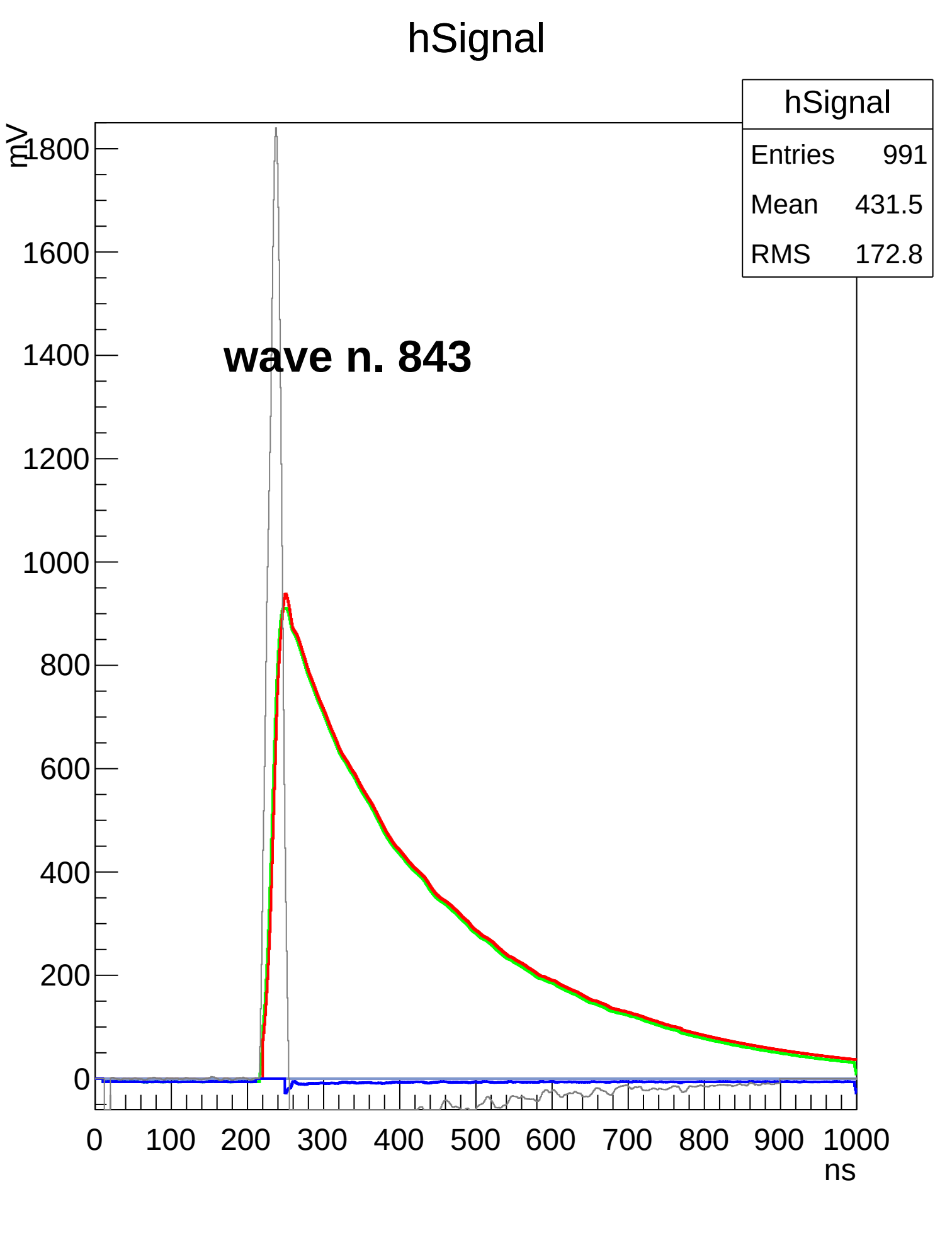
ns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hSignal
Entries 991
Mean 431.5
RMS 172.8
wave n. 843
mV
1800
1600
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600
400
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400
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1000
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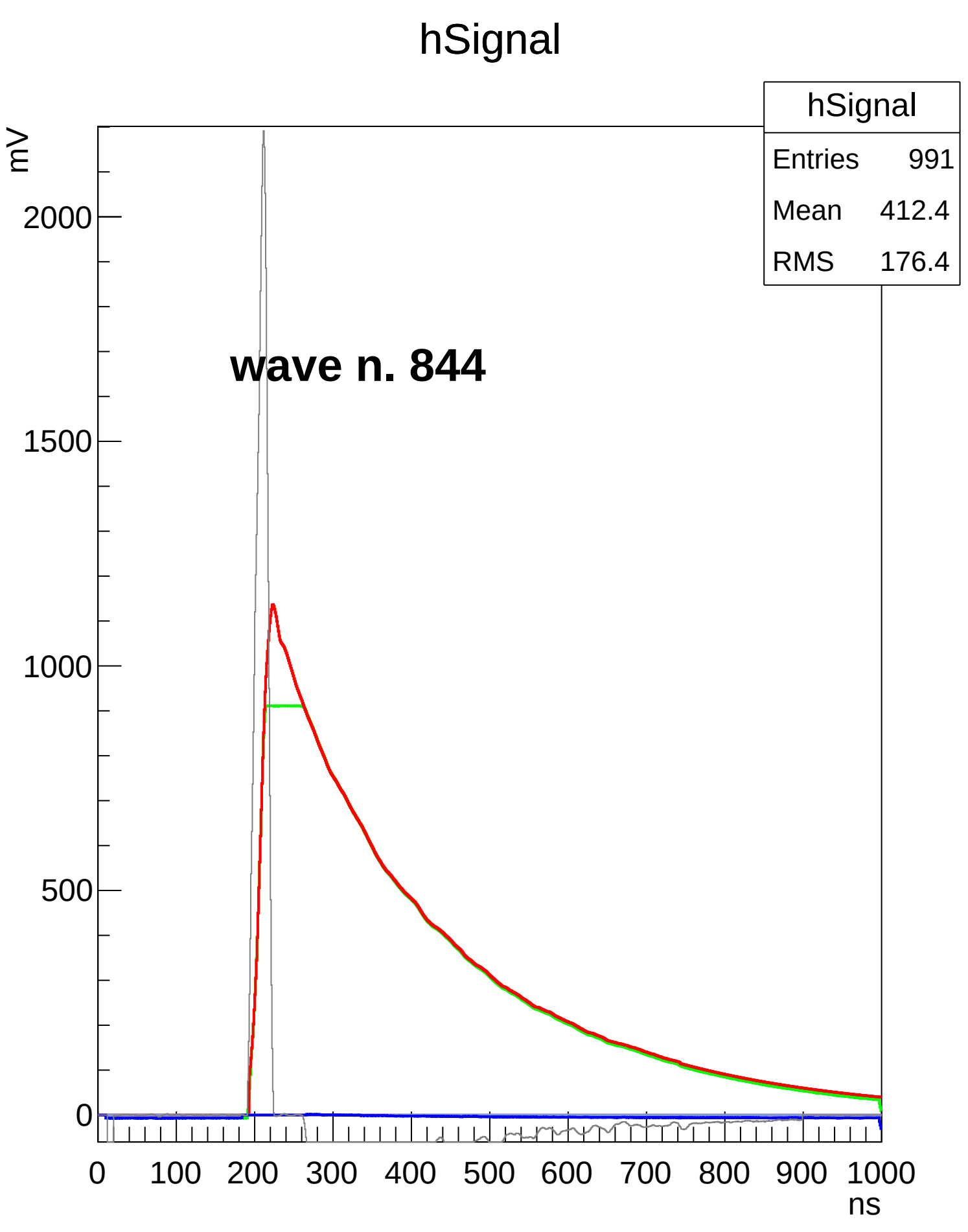
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hSignal
Entries 991
Mean 412.4
RMS 176.4
wave n. 844
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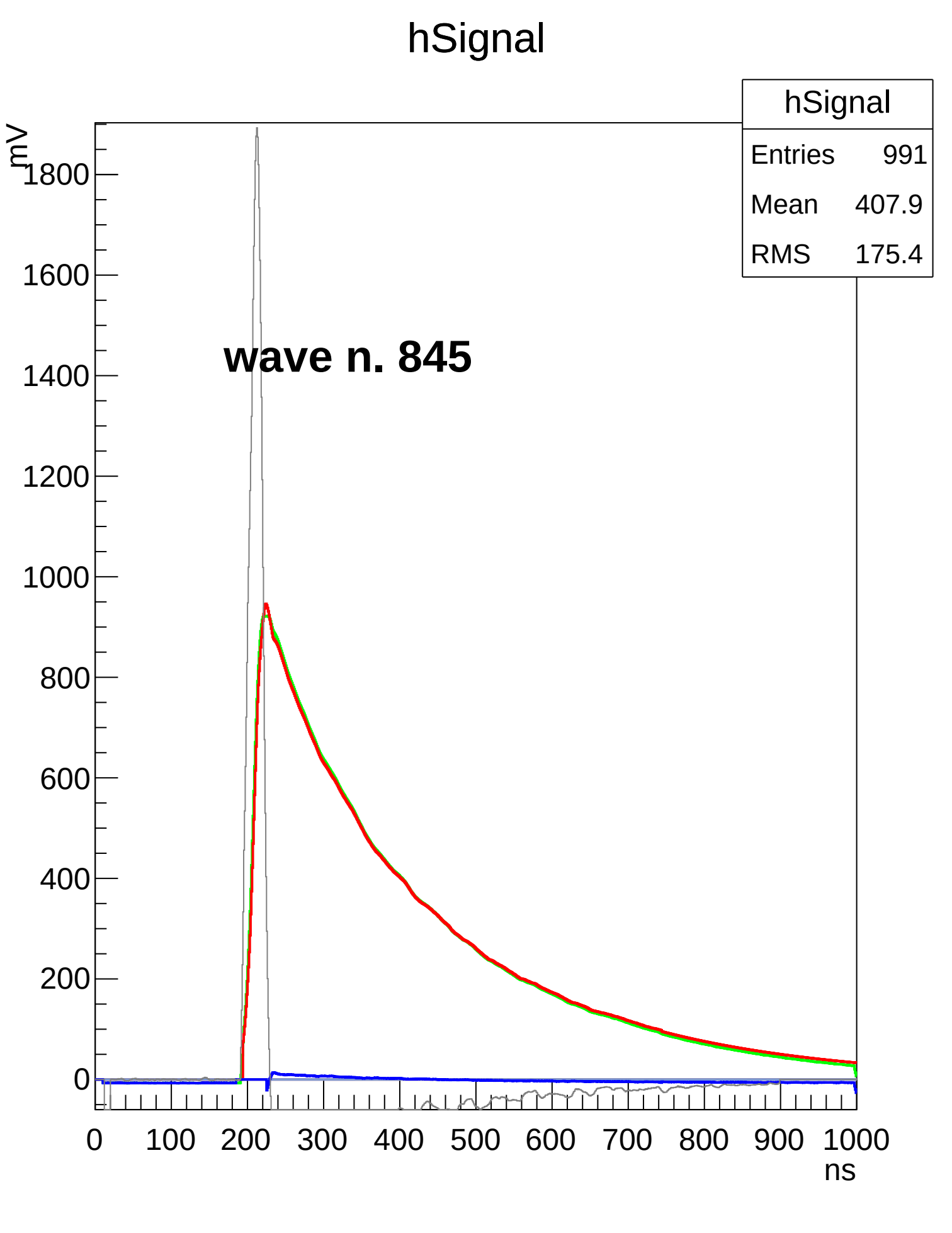
800
900
1000
ns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hSignal
Entries 991
Mean 407.9
RMS 175.4
wave n. 845
mV
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1600
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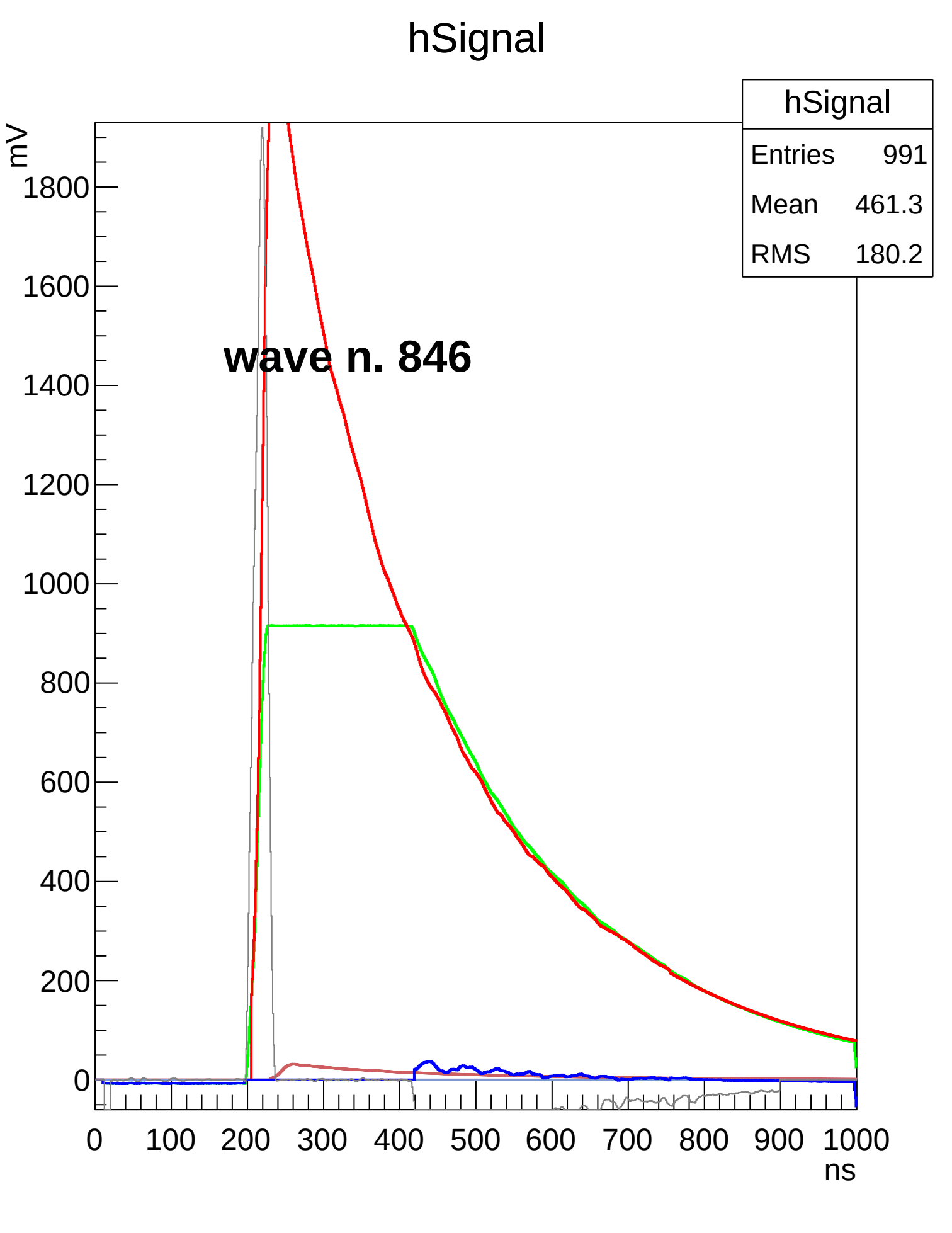
1000
ns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hSignal
Entries 991
Mean 461.3
RMS 180.2
wave n. 846
mV
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1200
1000
800
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400
200
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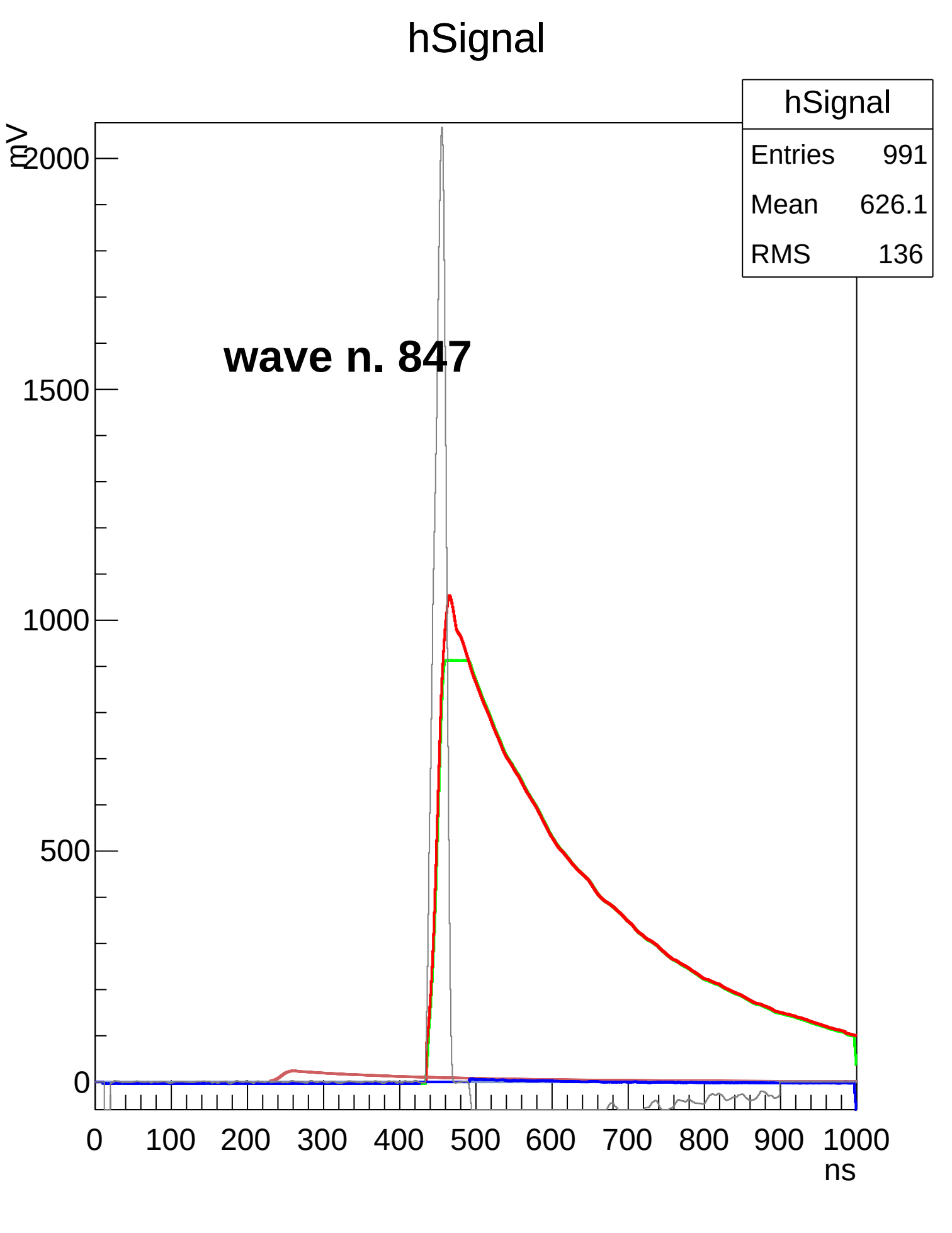
ns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hSignal
Entries 991
Mean 626.1
RMS 136
wave n. 847
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1000
500
0
0
100
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800
900
1000
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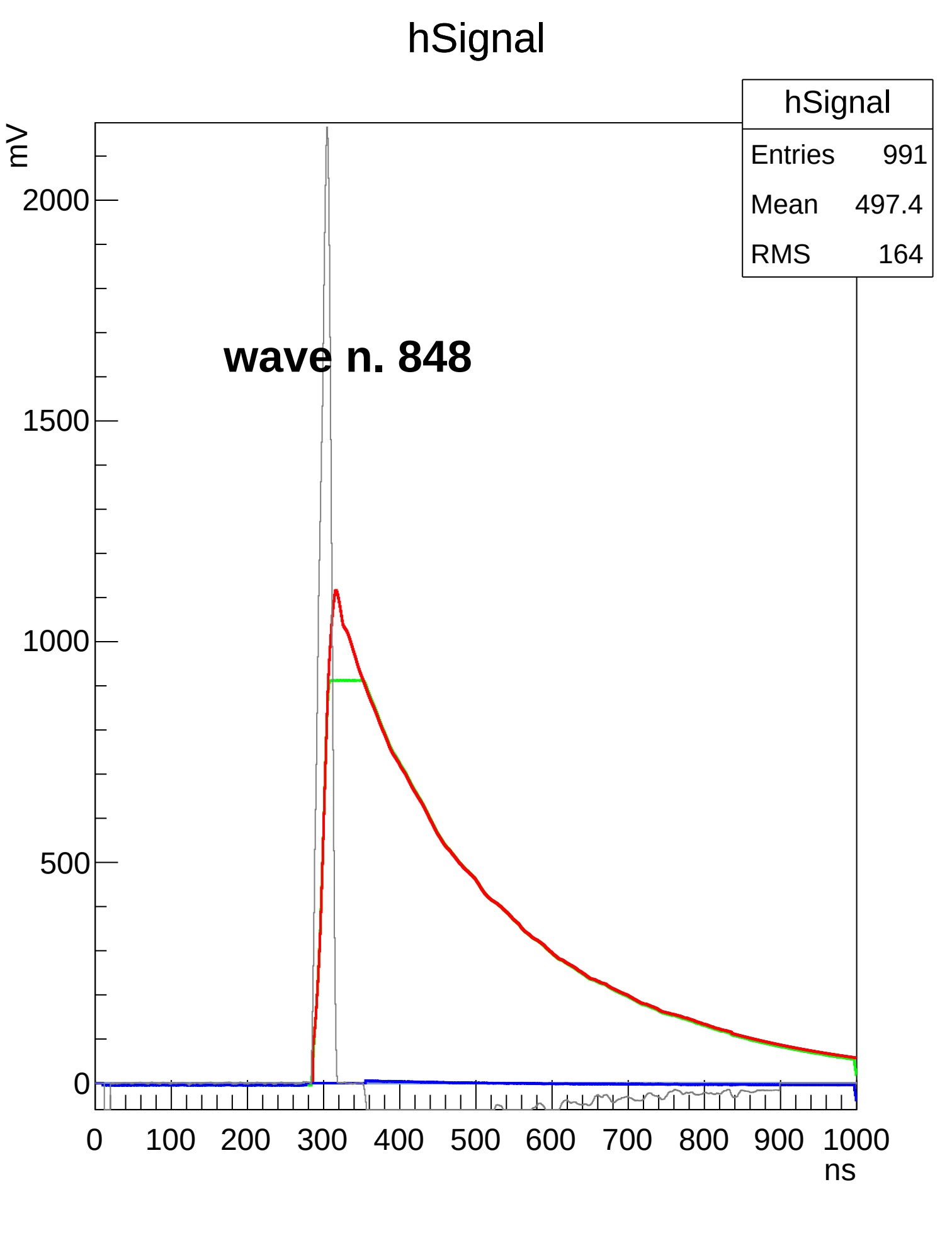
hSignal
hSignal
Entries 991
Mean 497.4
RMS 164
wave n. 848
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0
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800
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1000
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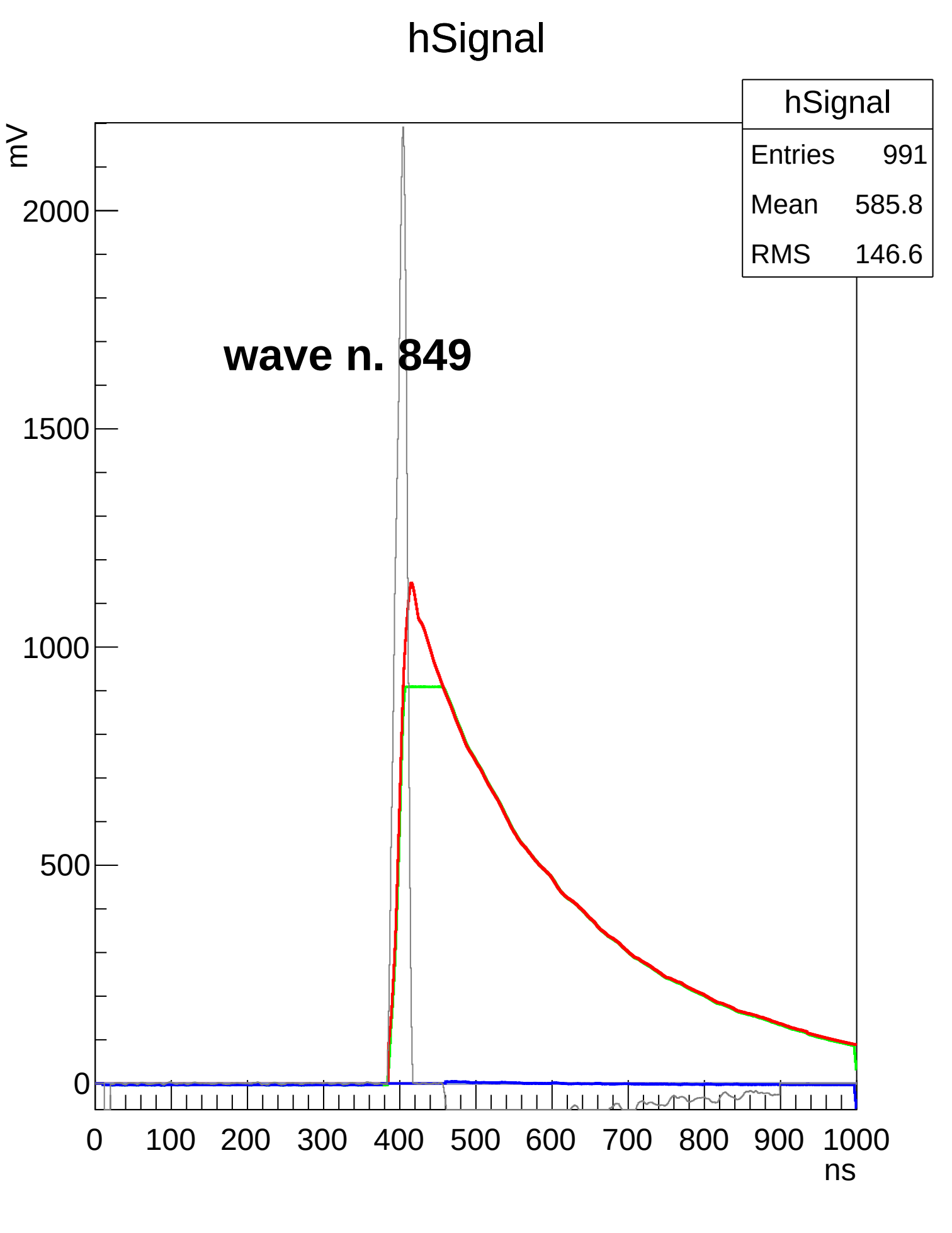
hSignal
hSignal
Entries 991
Mean 585.8
RMS 146.6
wave n. 849
mV
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1500
1000
500
0
0
100
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400
500
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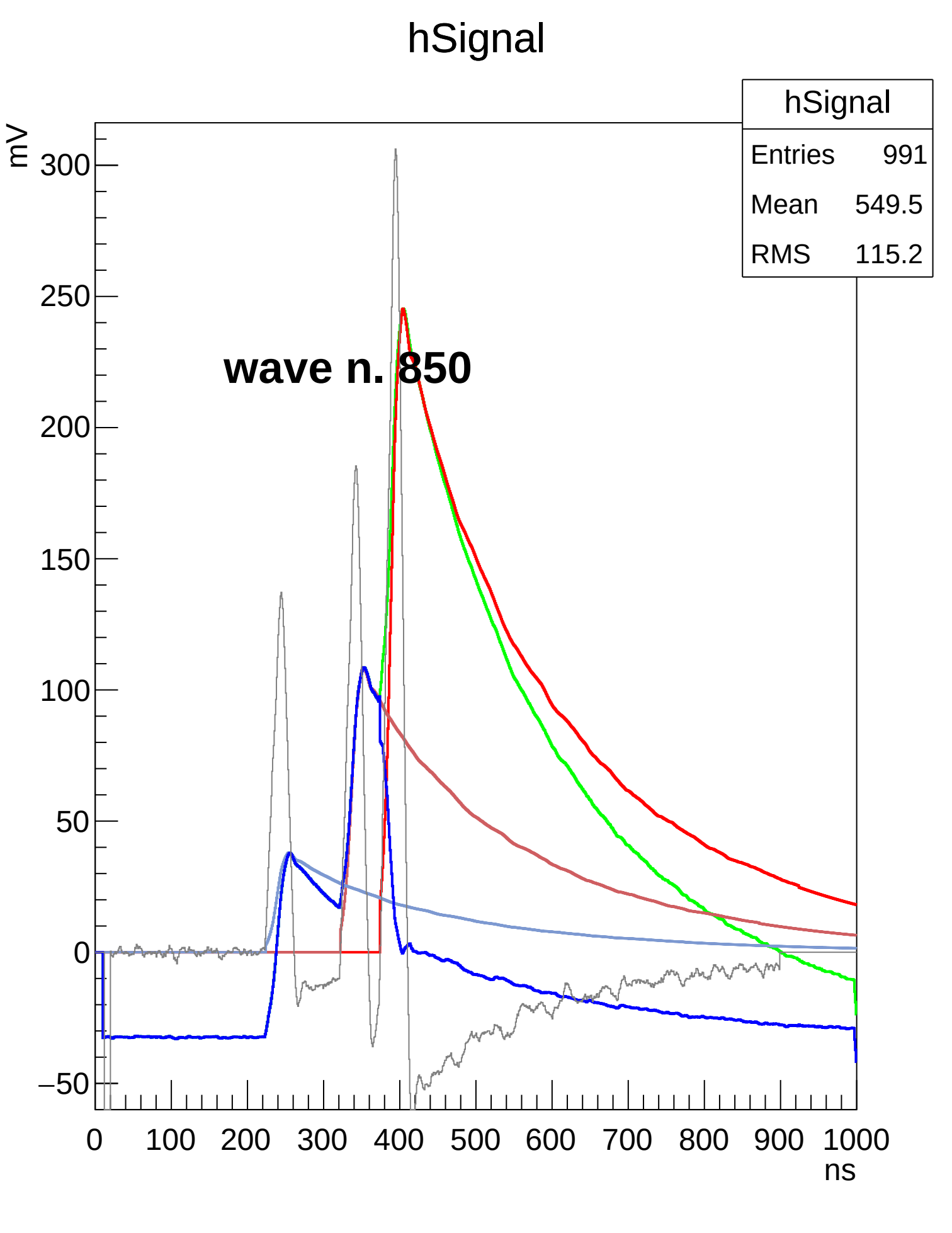
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.5
RMS 115.2
wave n. 850
mV
300
250
200
150
100
50
0
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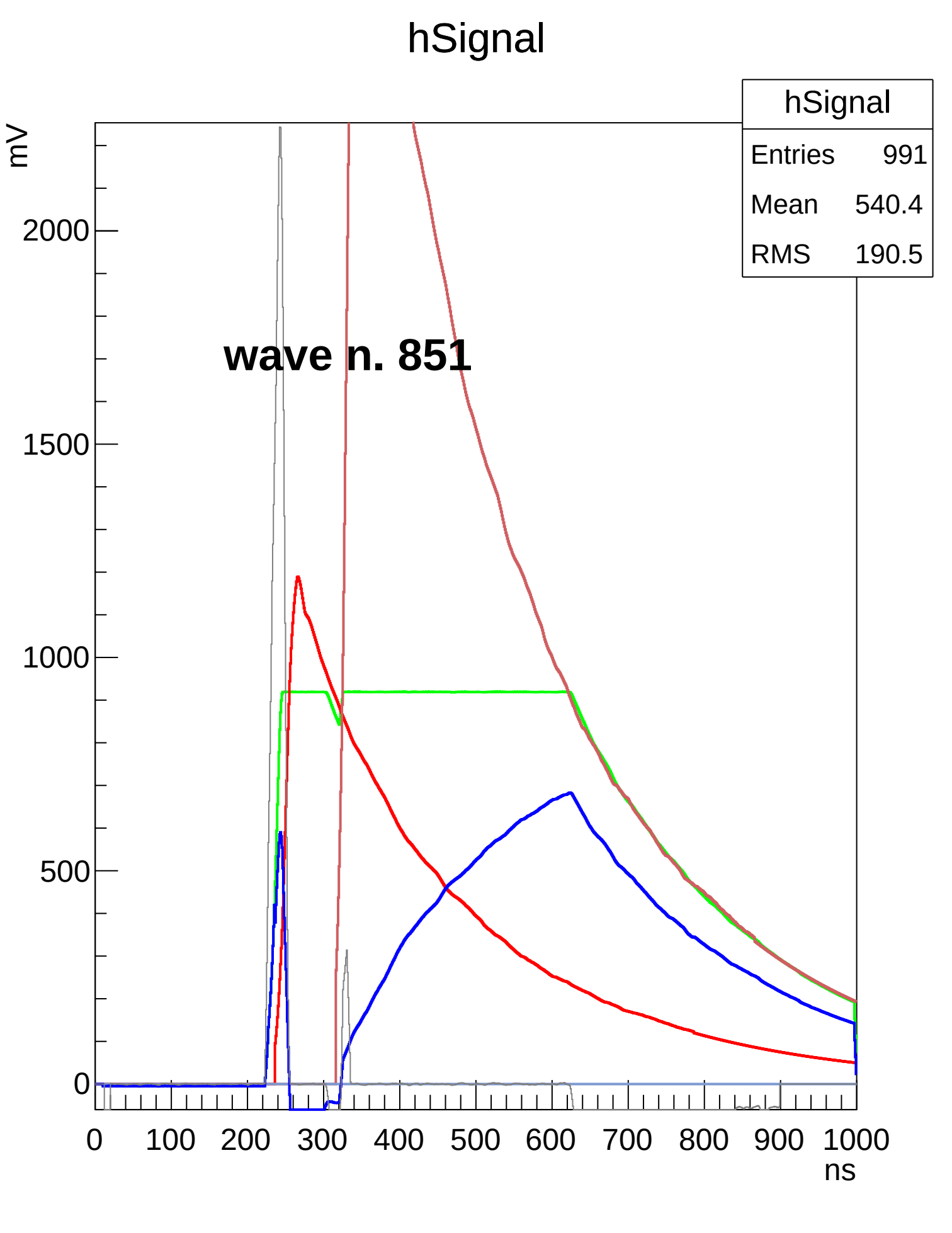
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 540.4
RMS 190.5
wave n. 851
mV
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1500
1000
500
0
0
100
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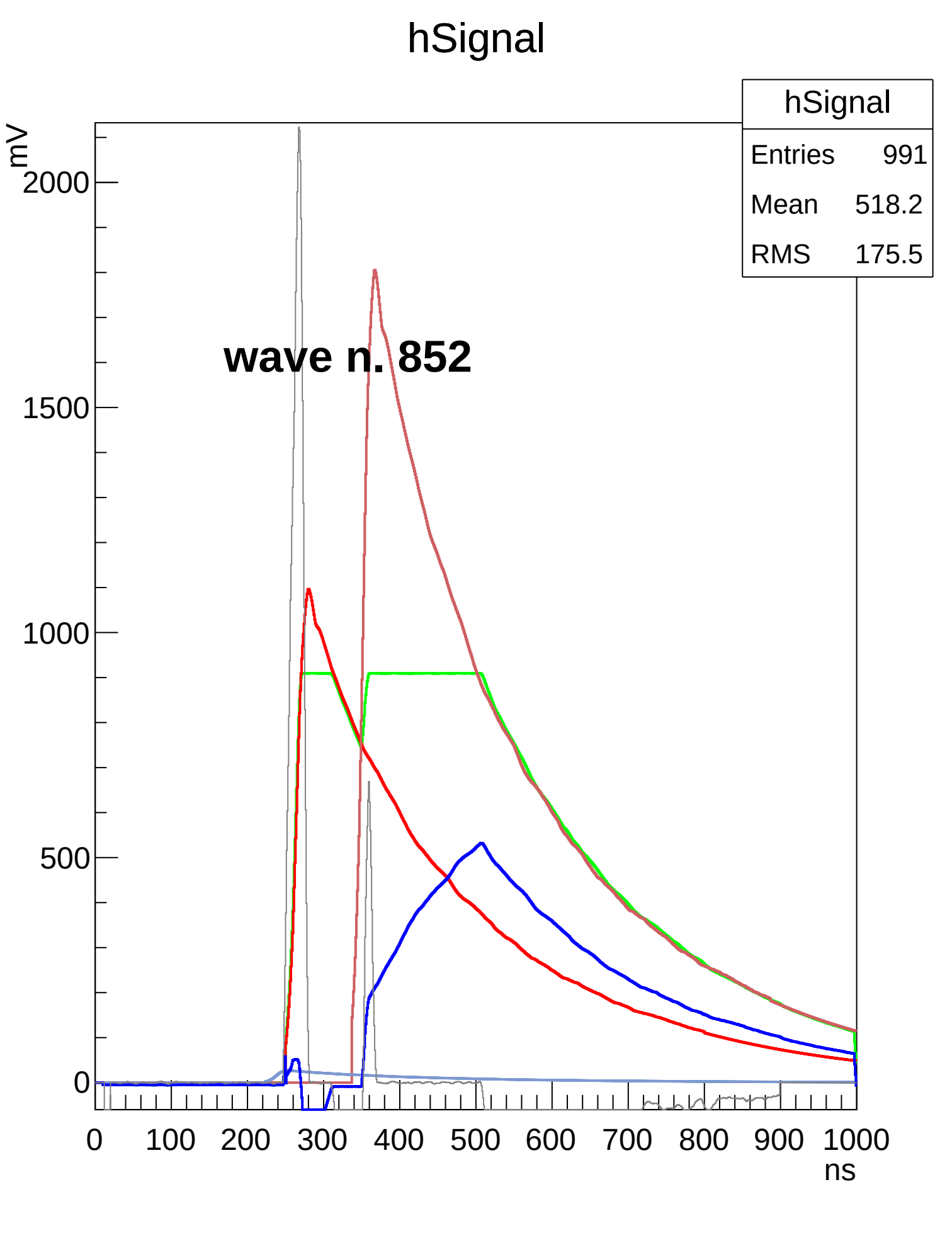
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.2
RMS 175.5
wave n. 852
mV
2000
1500
1000
500
0
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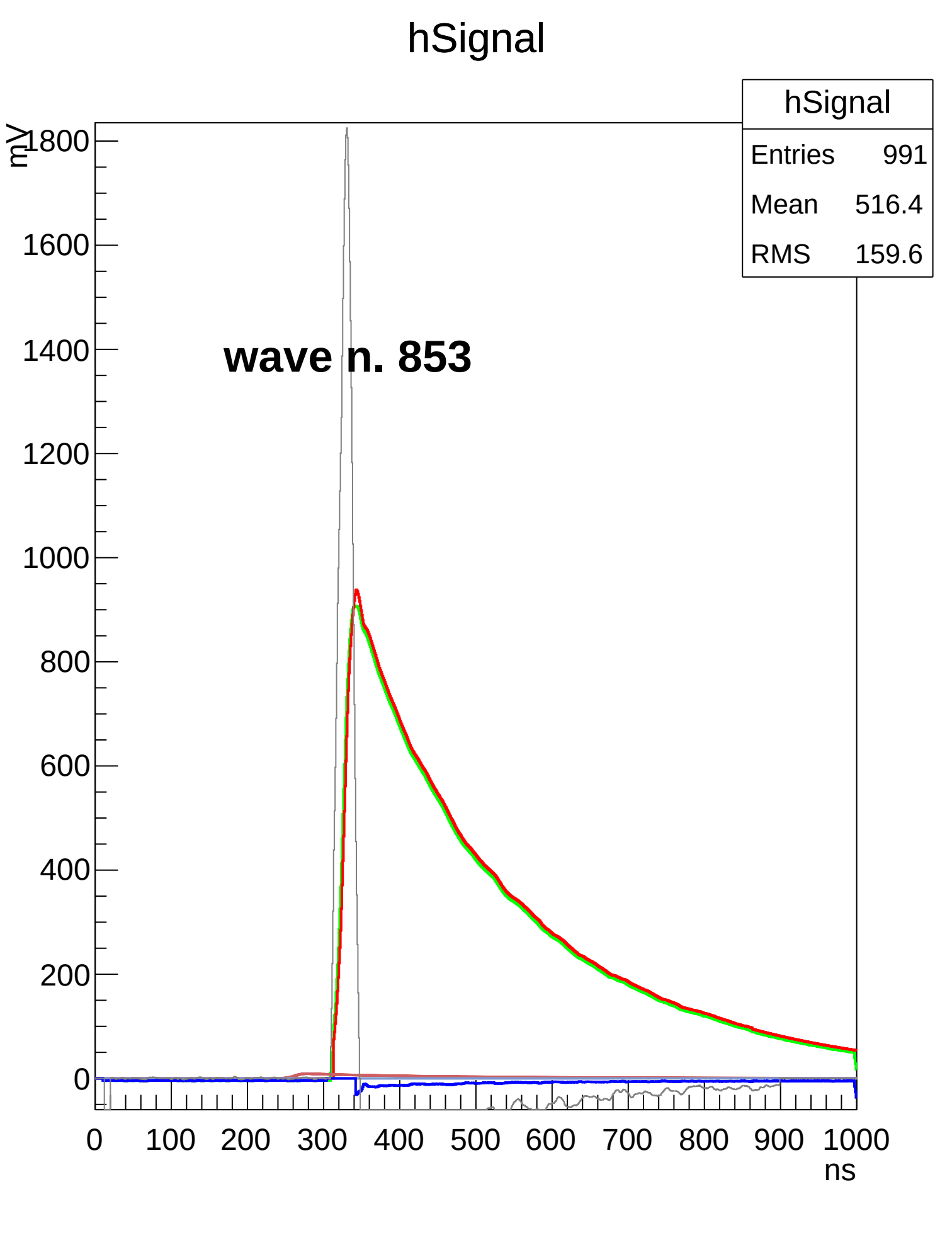
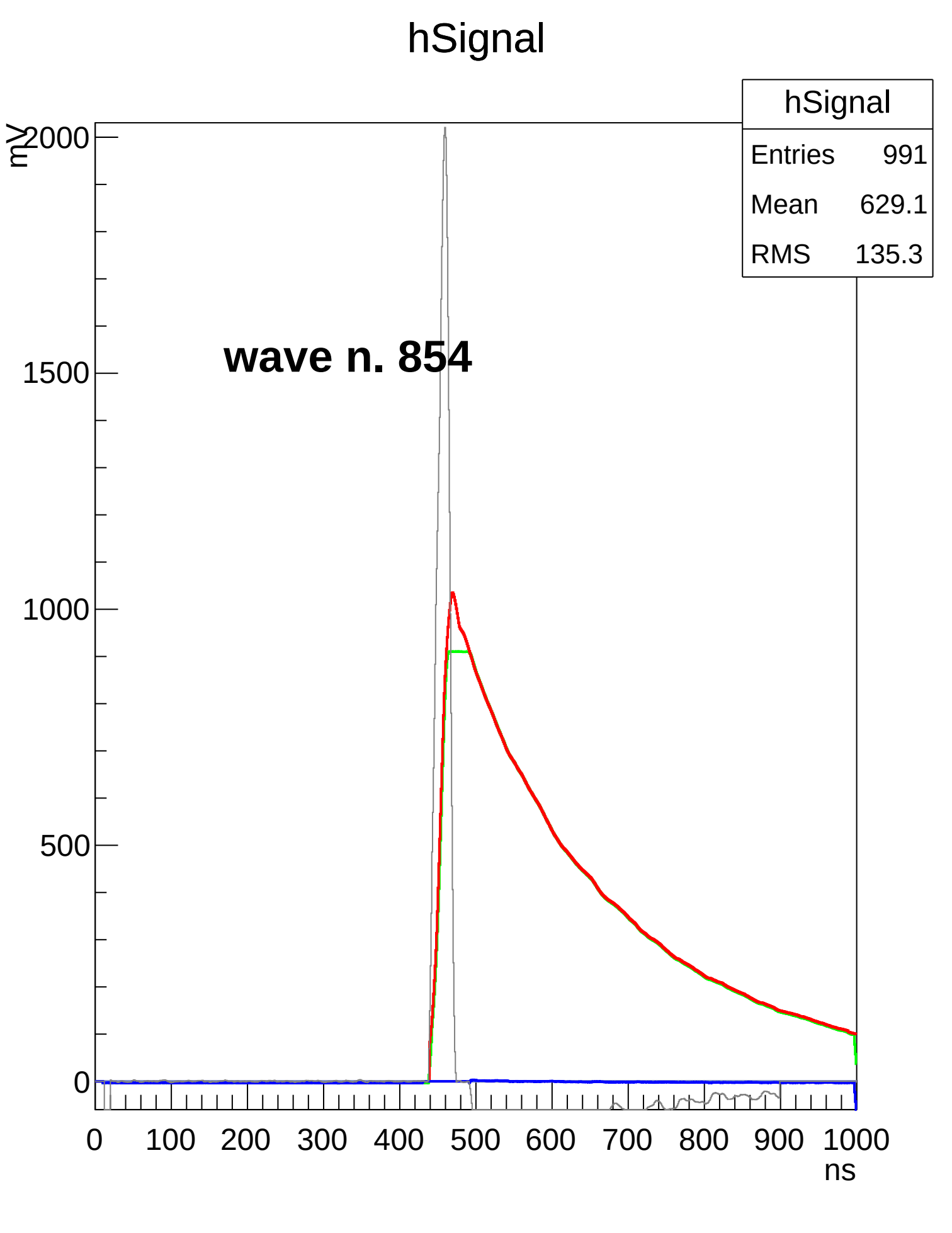
ns


hSignal
hSignal
Entries 991
Mean 516.4
RMS 159.6
wave n. 853
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 629.1
RMS 135.3
wave n. 854
mV
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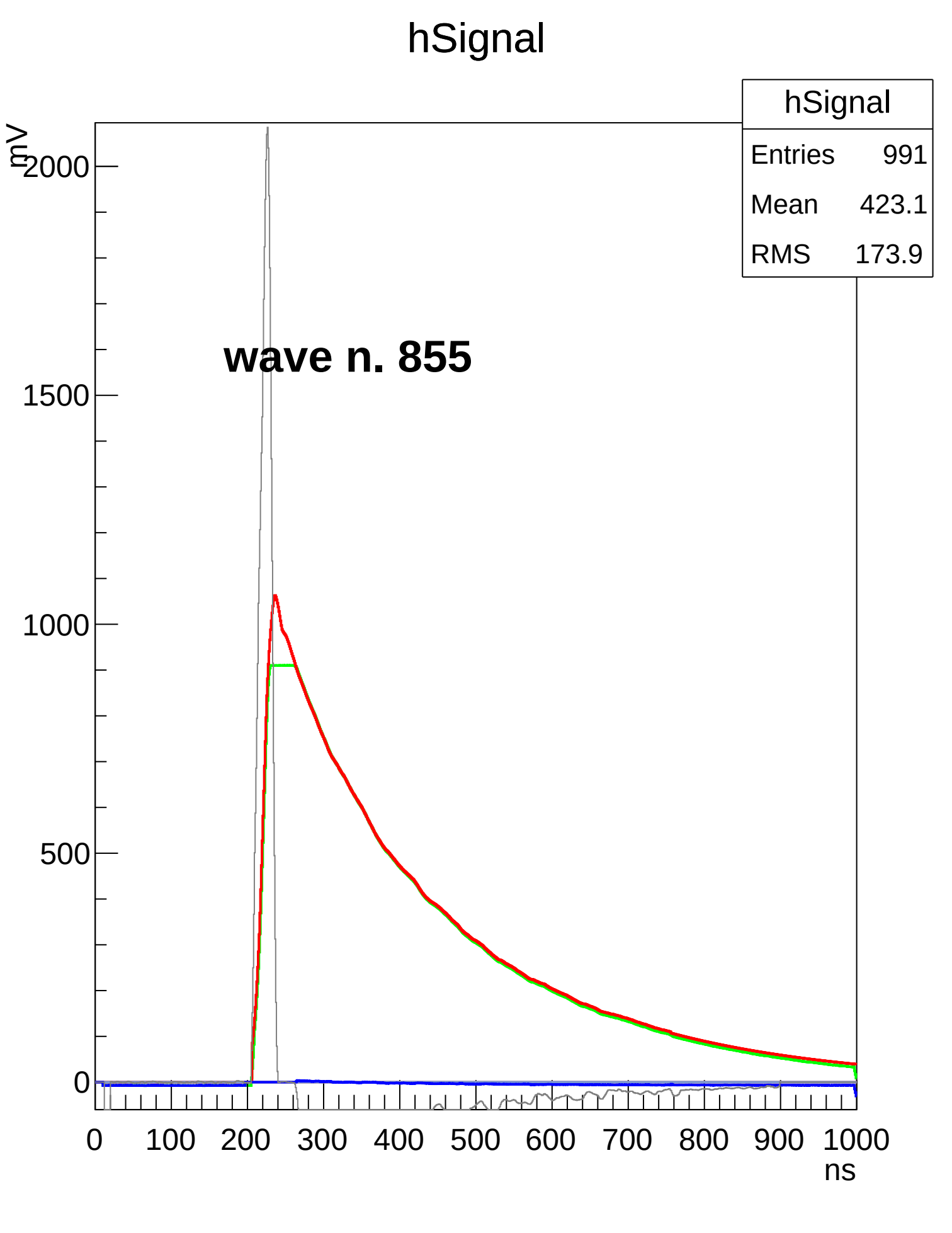
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 423.1
RMS 173.9
wave n. 855
mV
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0
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400
500
600
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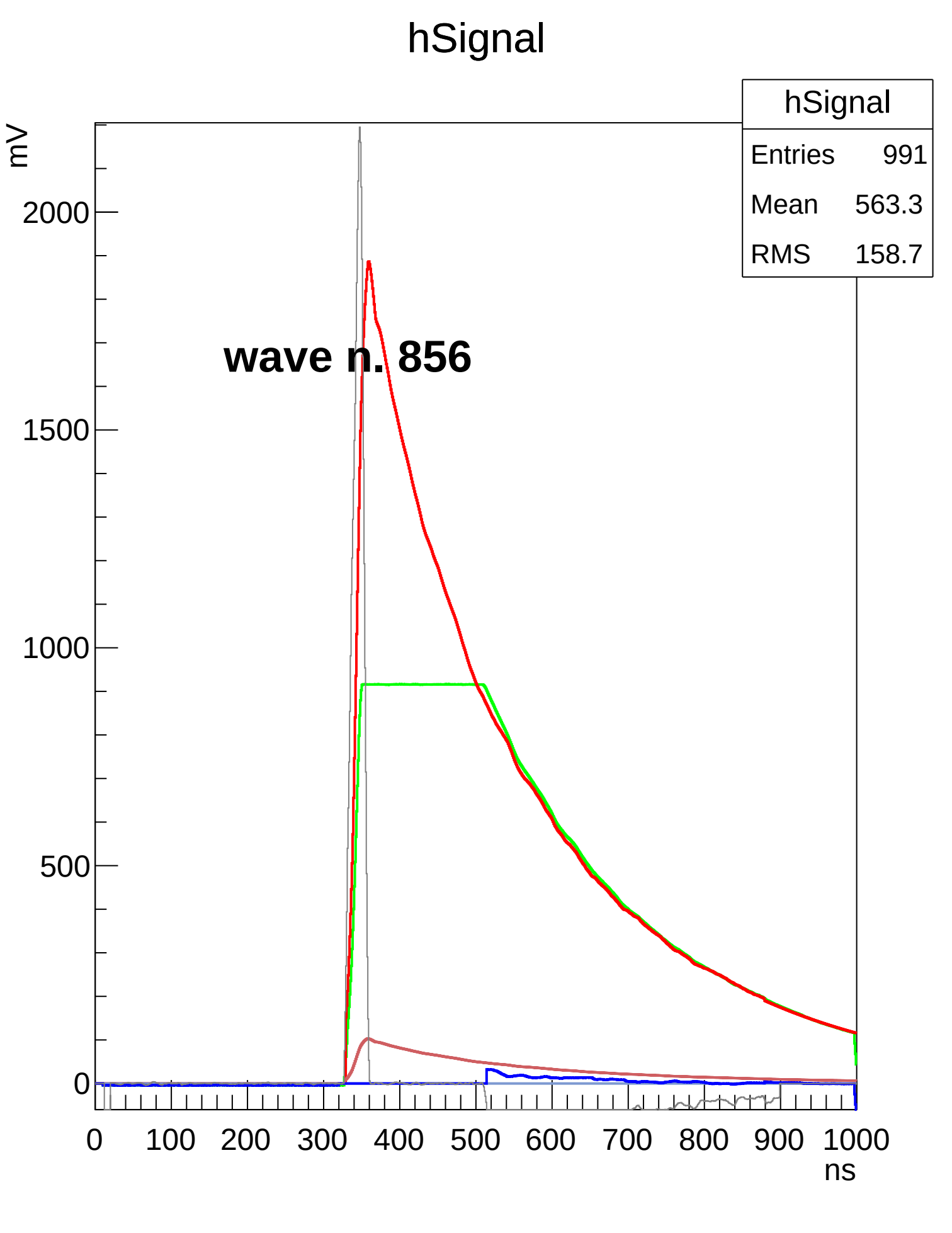
900
1000
ns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hSignal
Entries 991
Mean 563.3
RMS 158.7
wave n. 856
mV
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1000
500
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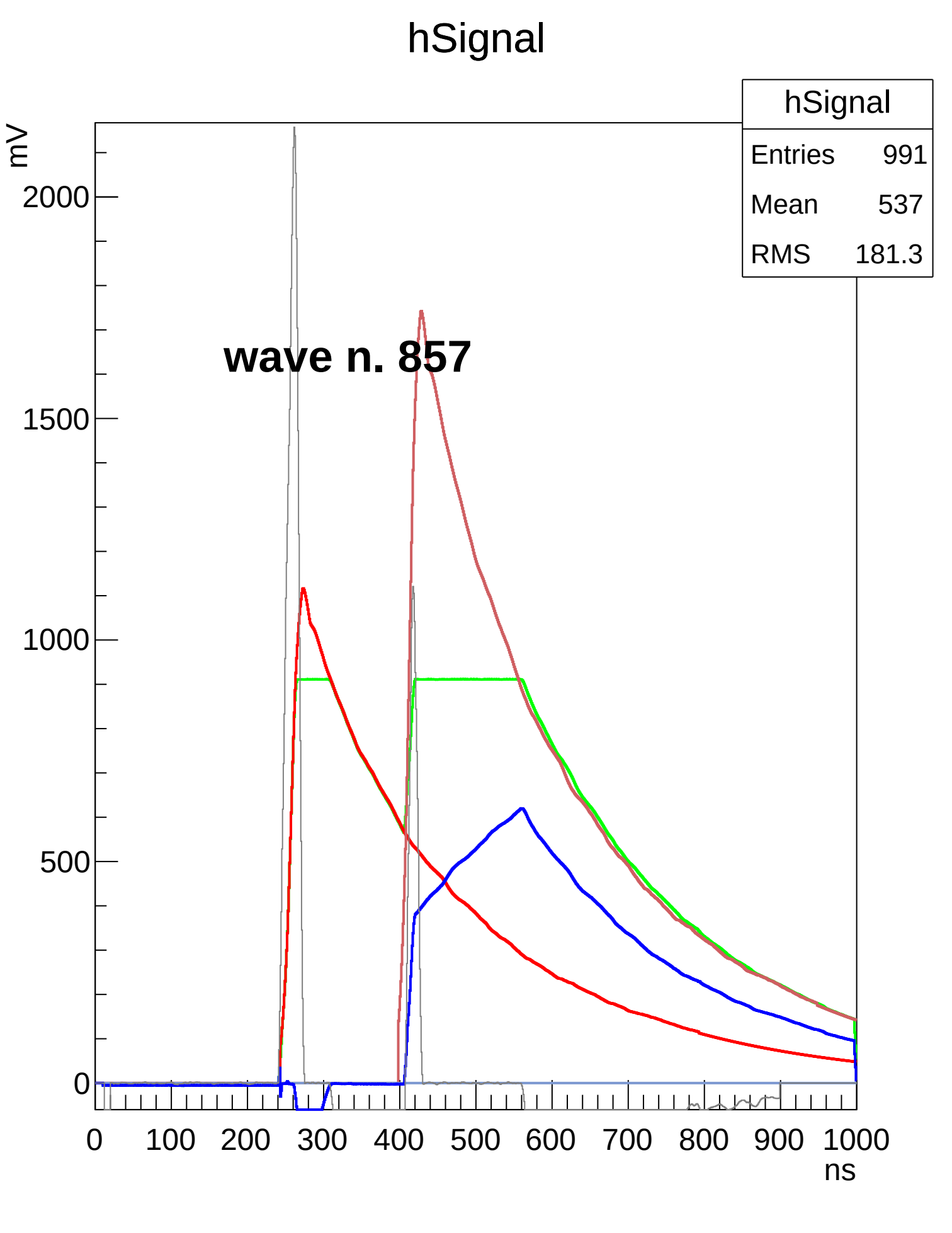
ns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Mean 537
RMS 181.3
wave n. 857
mV
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500
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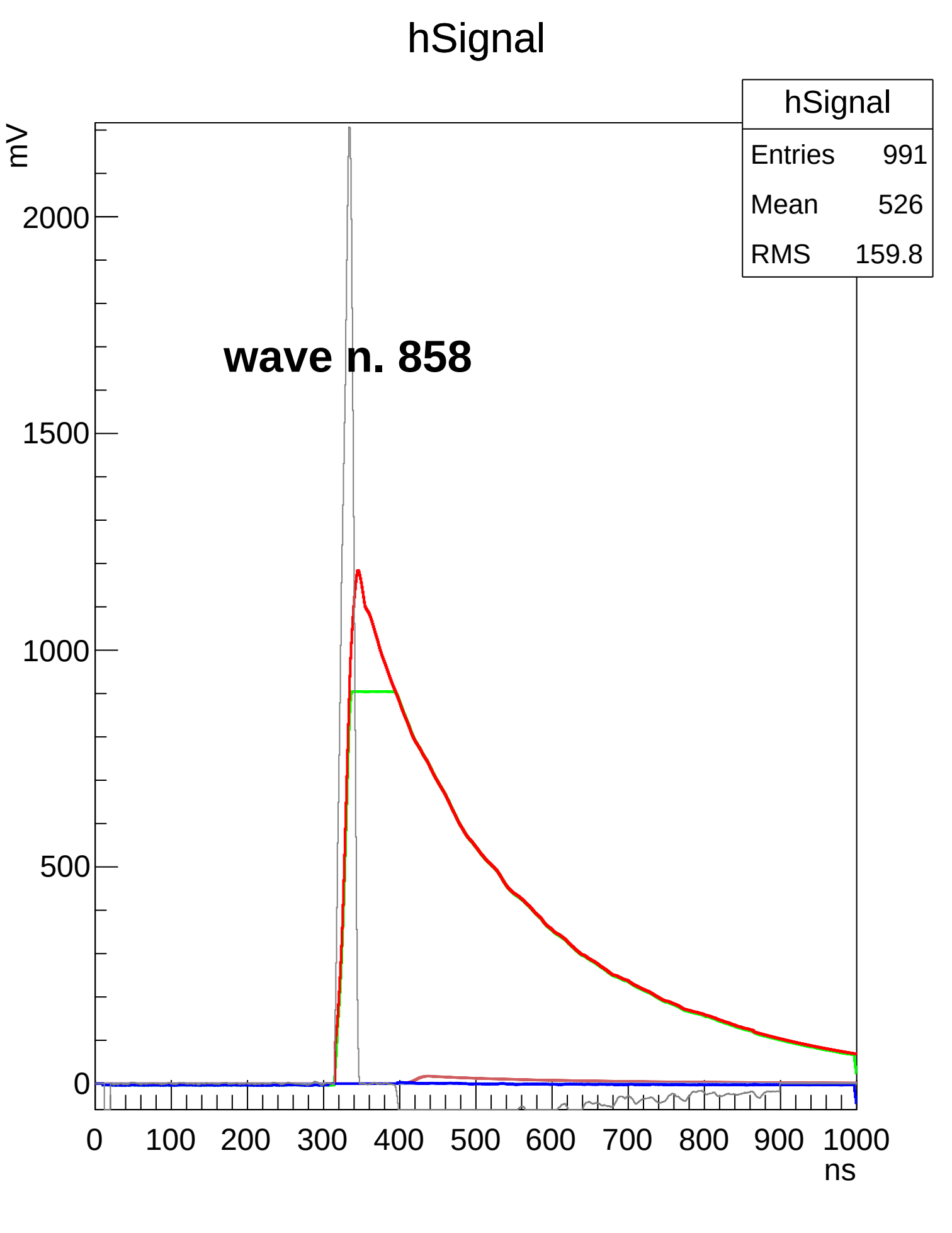
ns


hSignal
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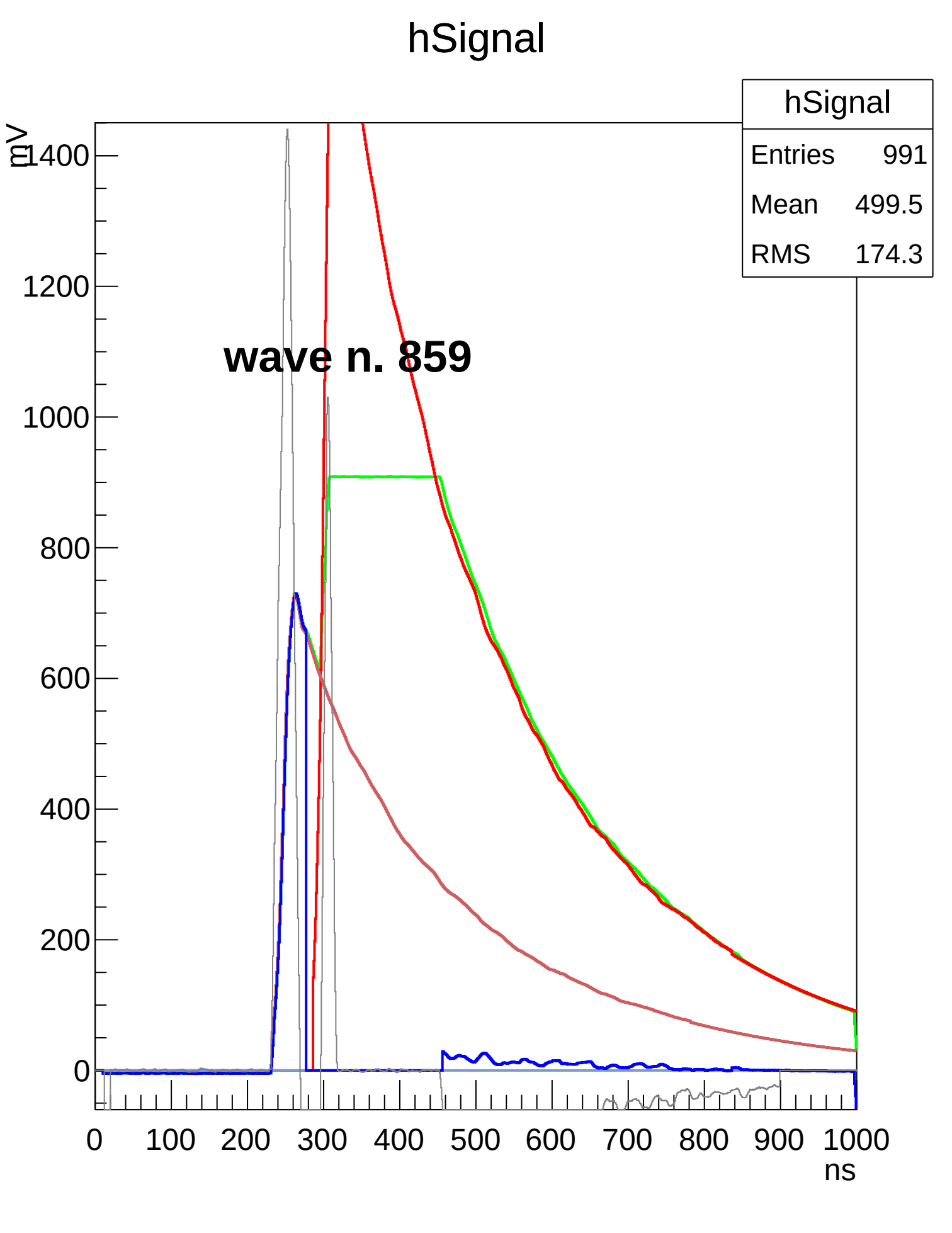
Entries 991
Mean 526
RMS 159.8
wave n. 858
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 499.5
RMS 174.3
wave n. 859
mV
1400
1200
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600
400
200
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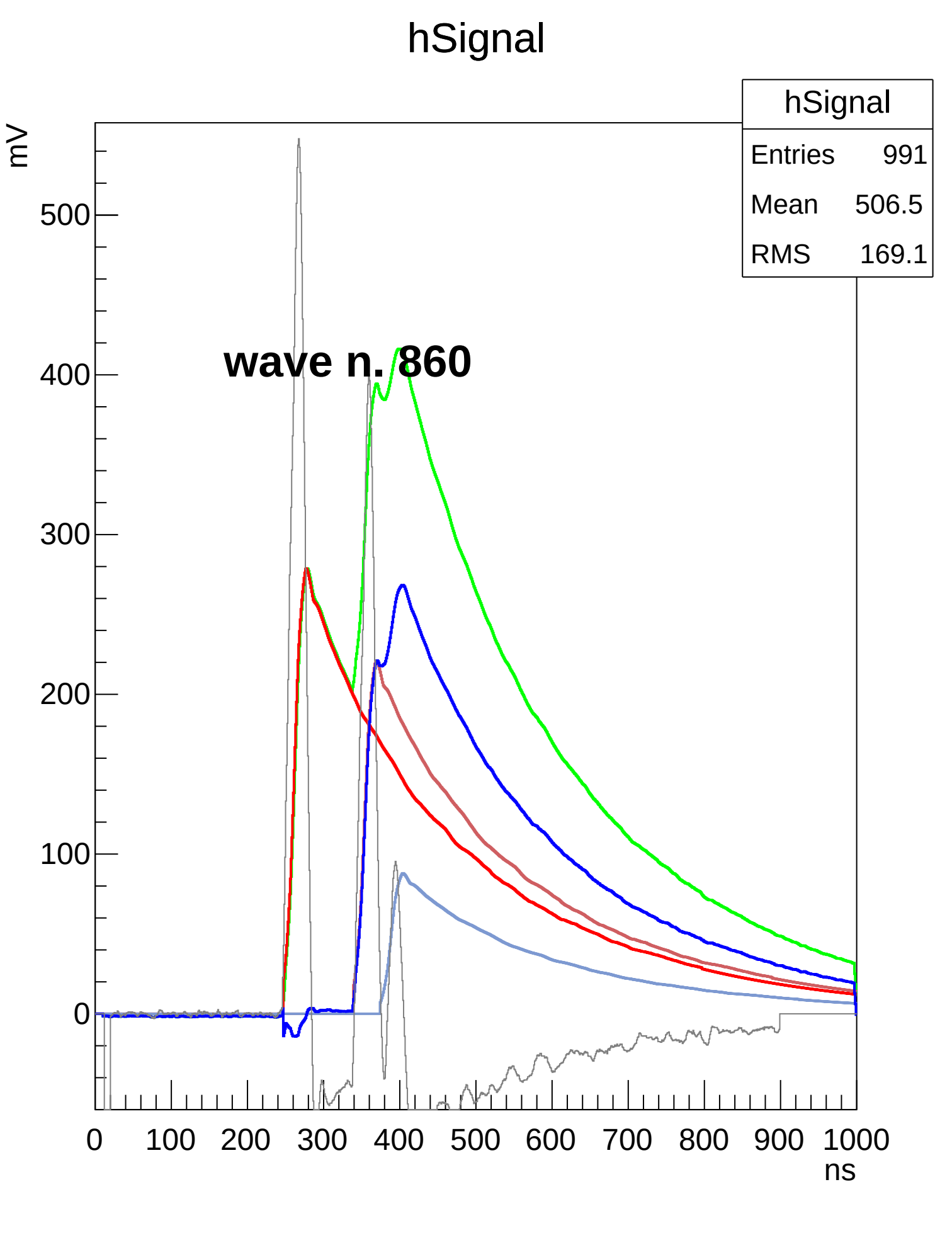
1000
ns


hSignal
hSignal
Entries 991
Mean 506.5
RMS 169.1
wave n. 860
mV
500
400
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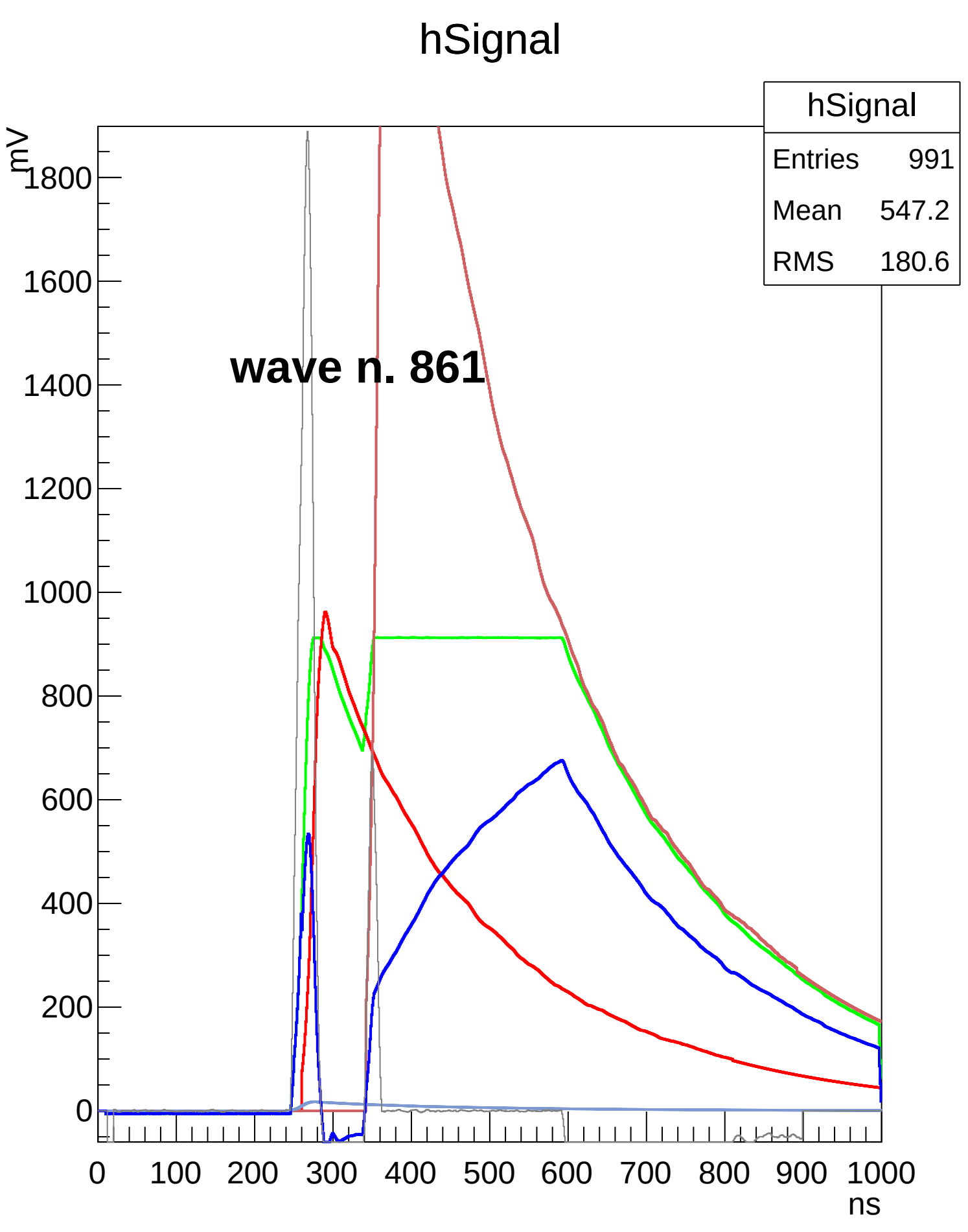
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 547.2
RMS 180.6
wave n. 861
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
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600
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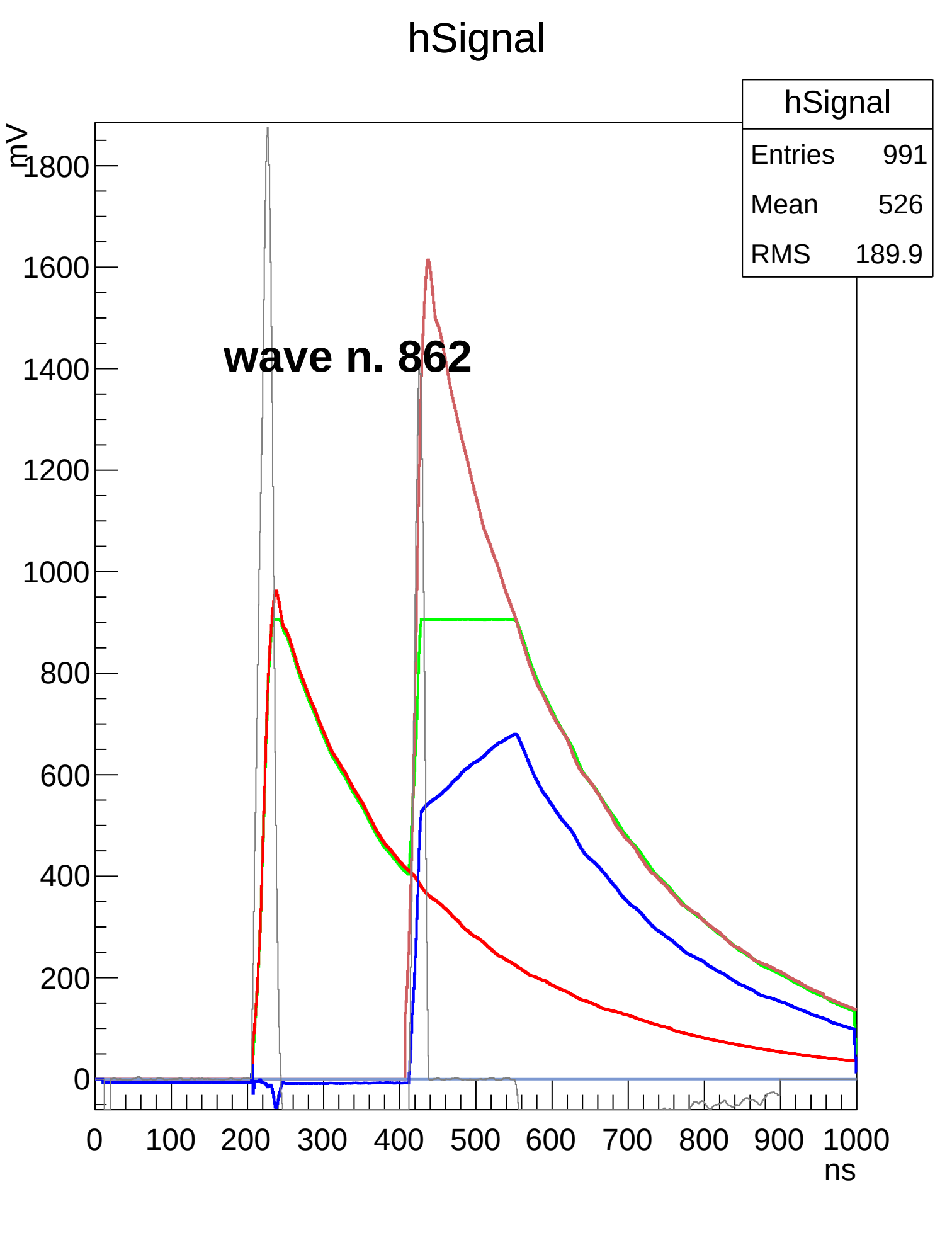
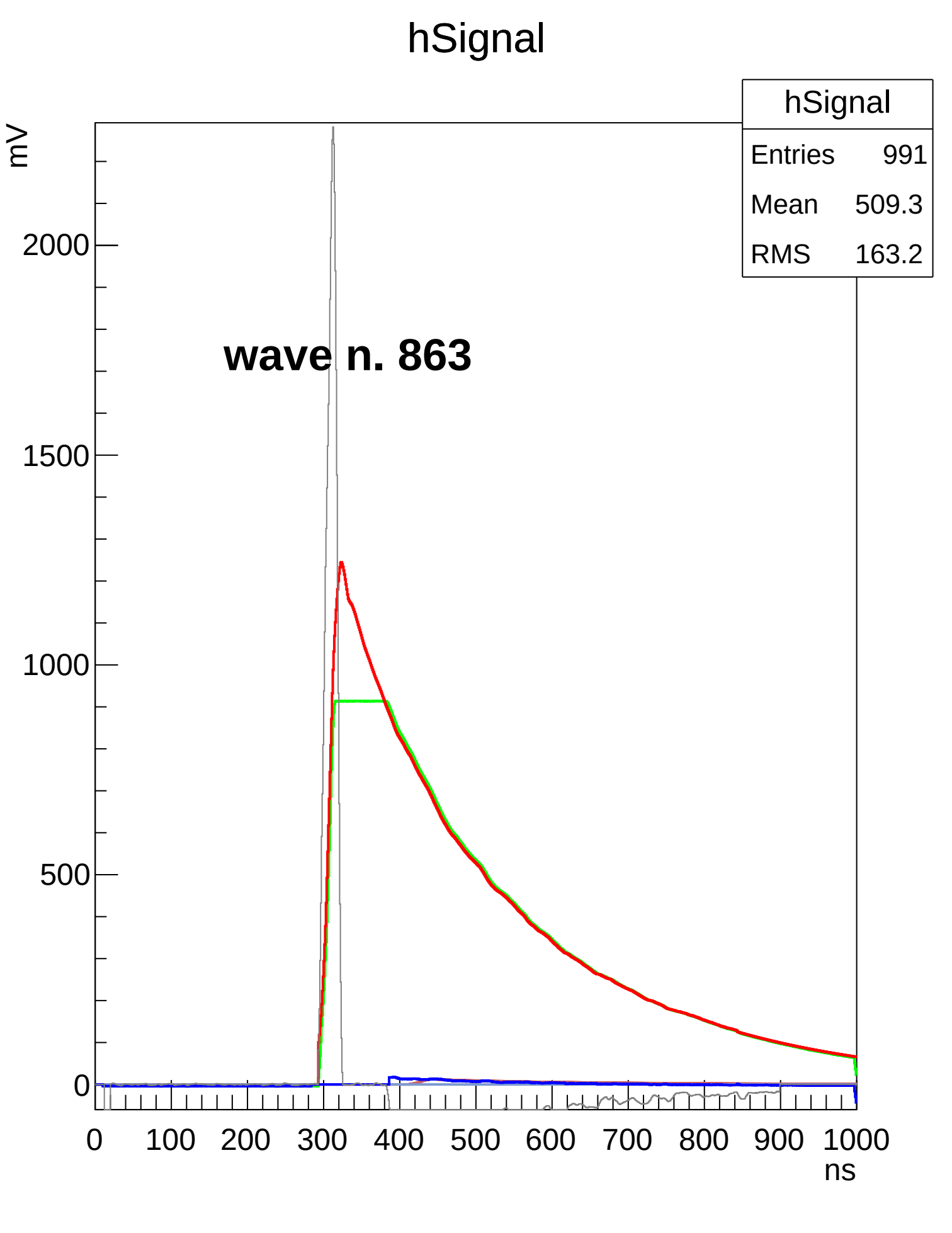
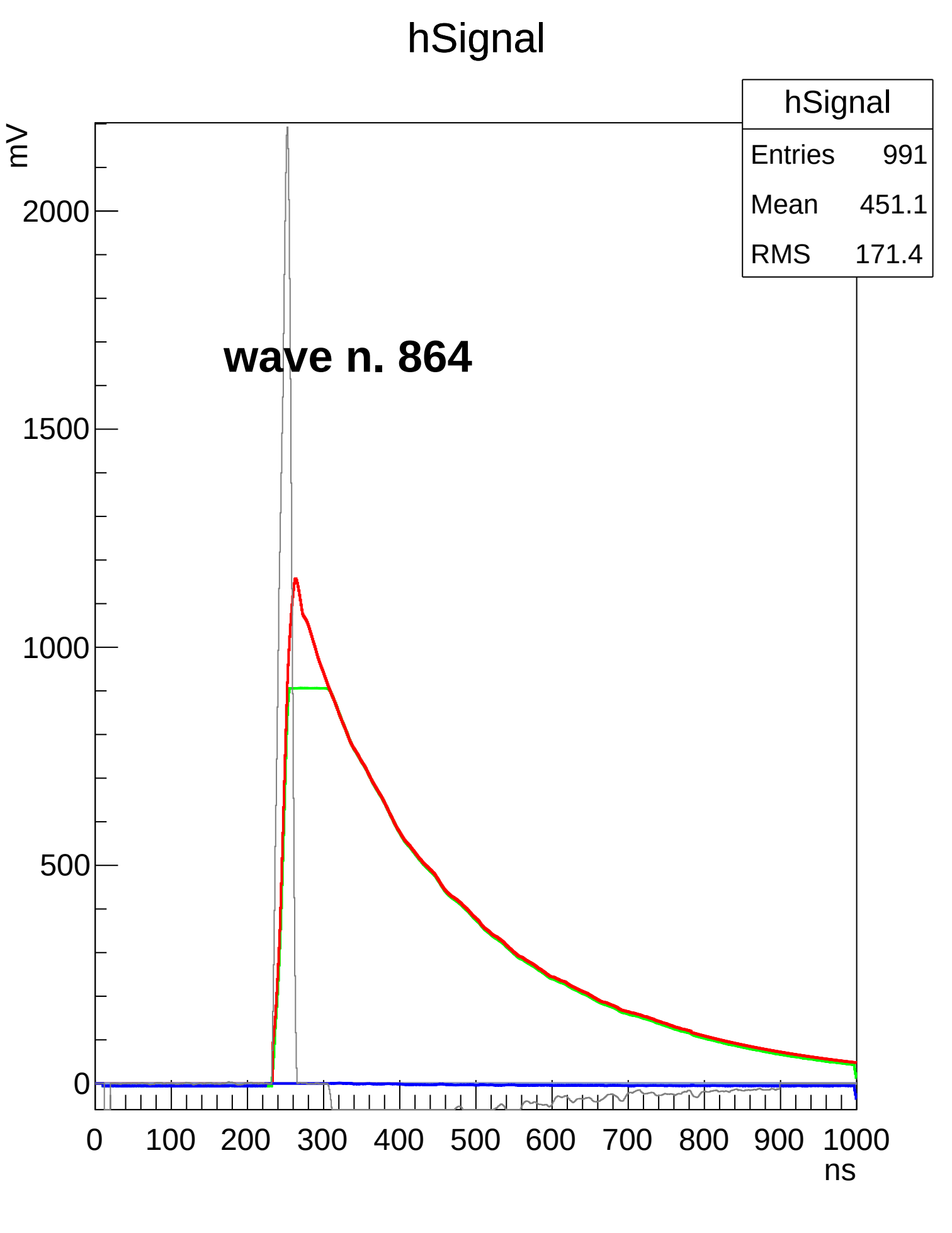
900
1000
ns


hSignal
hSignal
Entries 991
Mean 526
RMS 189.9
wave n. 862
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 509.3
RMS 163.2
wave n. 863
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 451.1
RMS 171.4
wave n. 864
mV
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1500
1000
500
0
0
100
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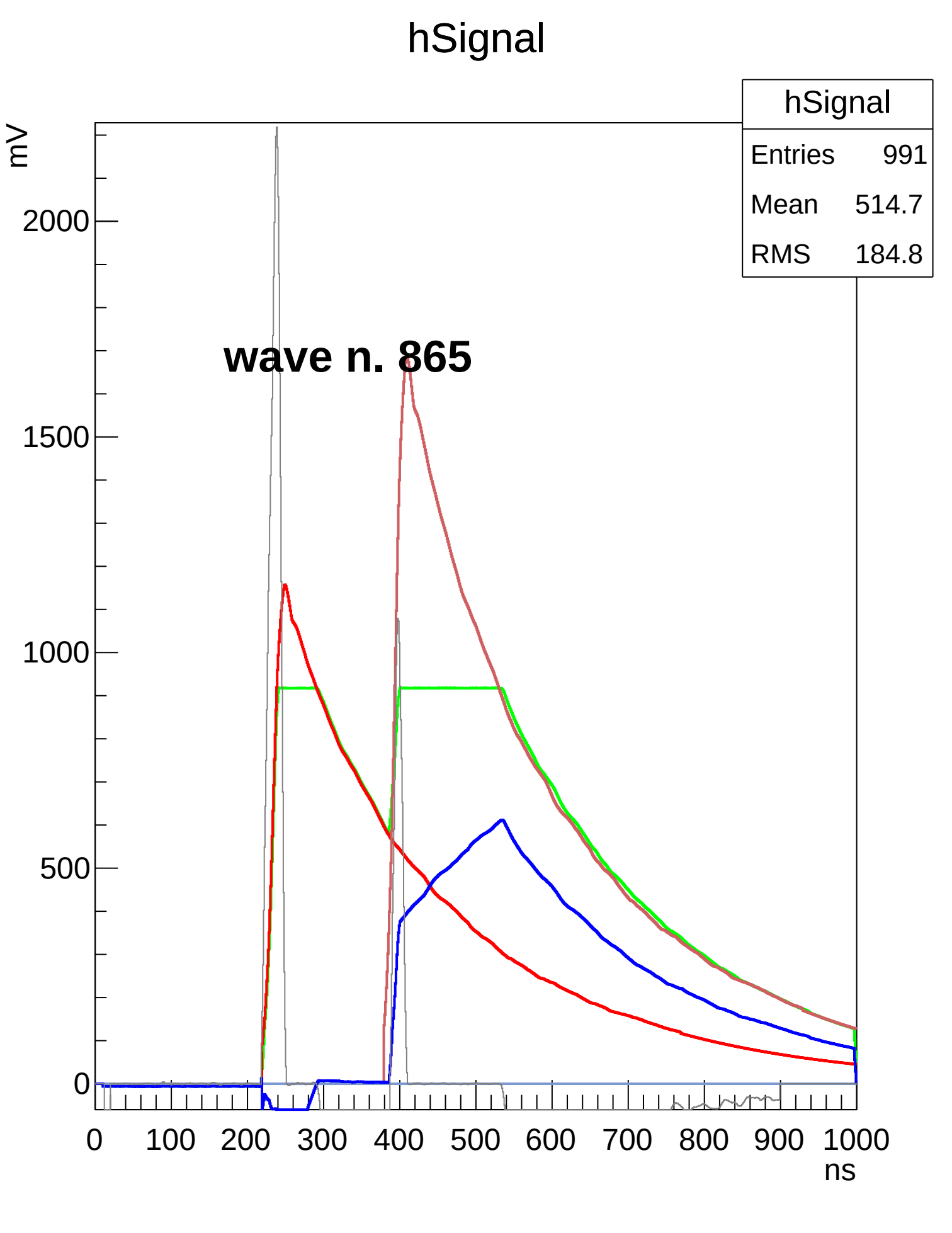
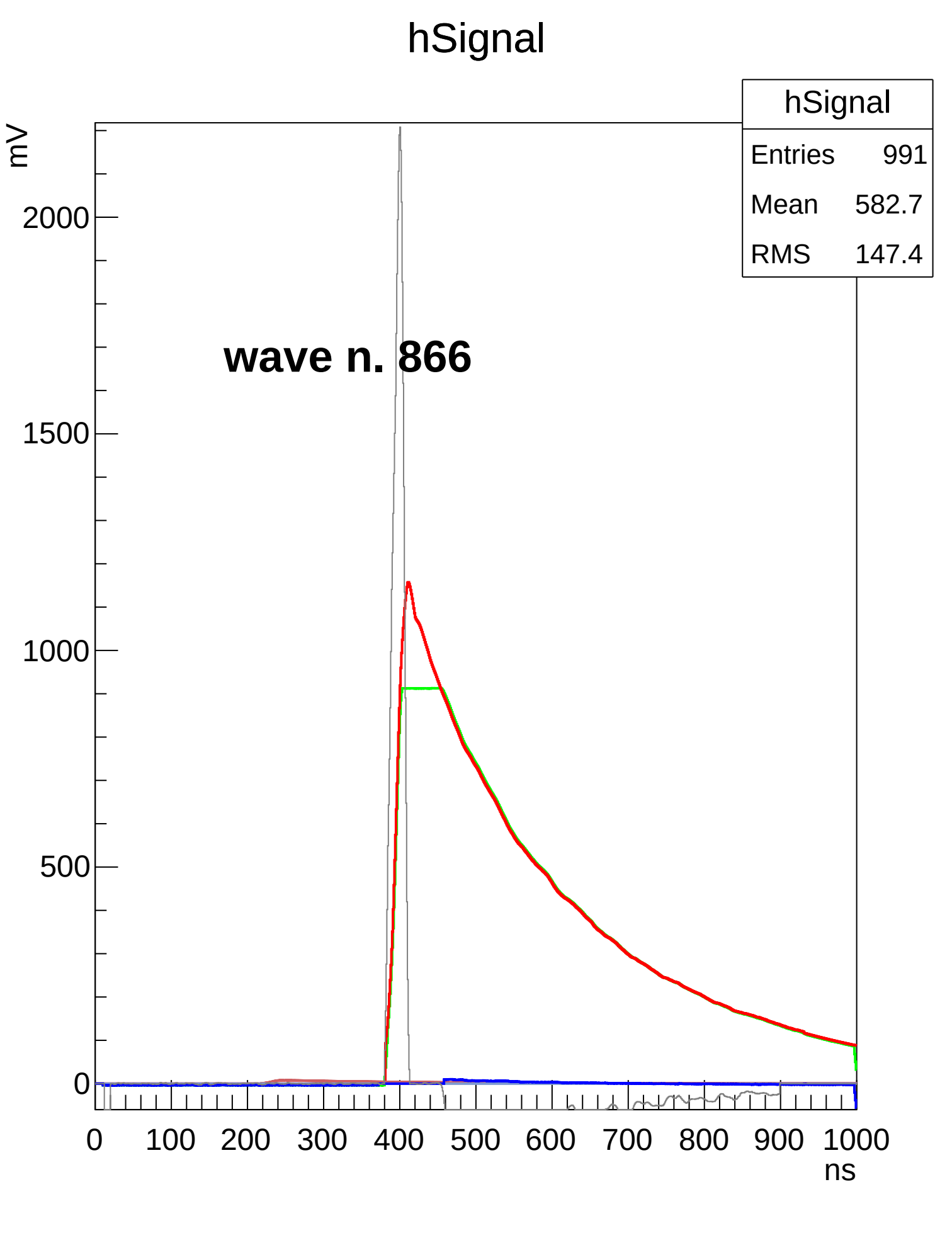
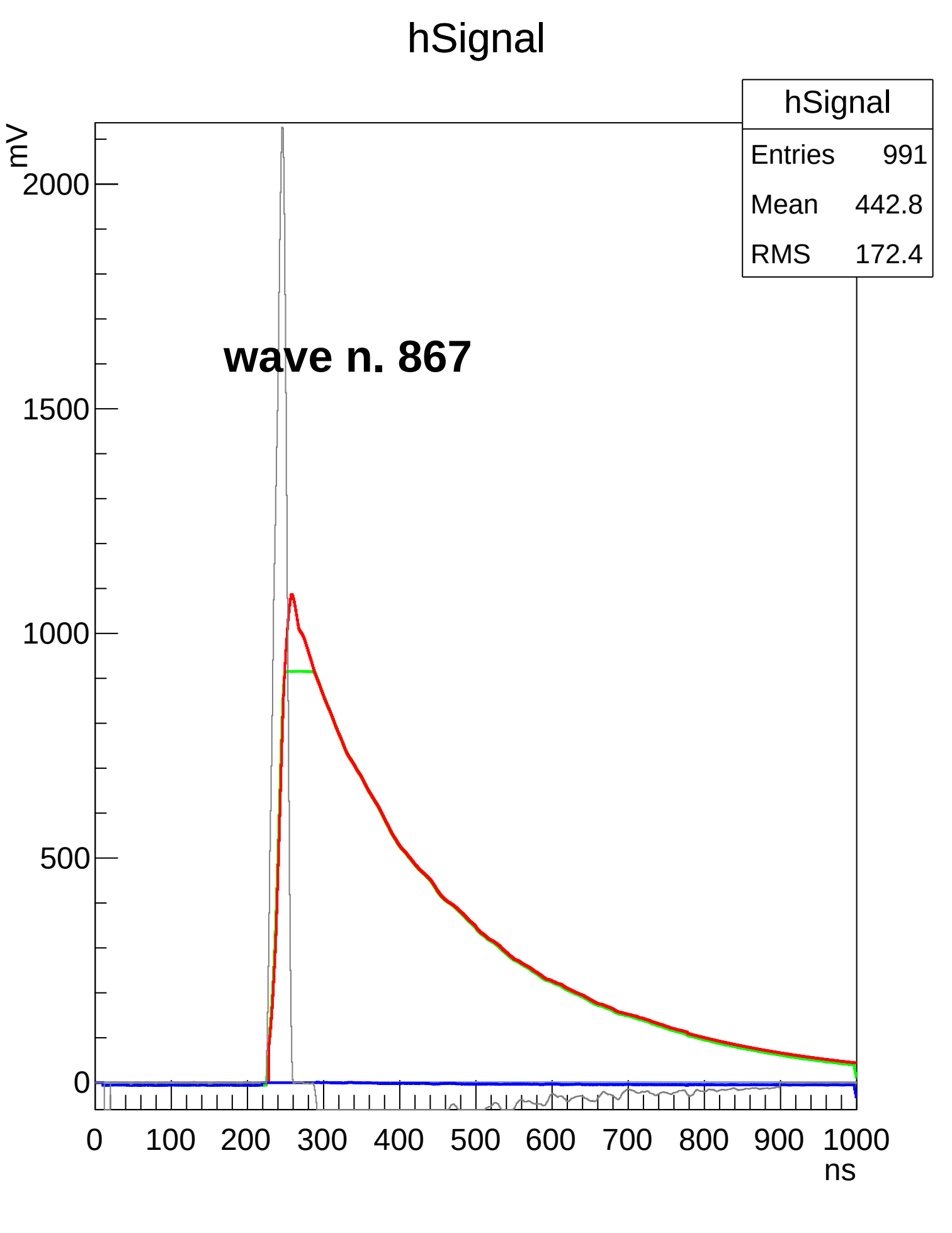
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 514.7
RMS 184.8
wave n. 865
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 582.7
RMS 147.4
wave n. 866
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 442.8
RMS 172.4
wave n. 867
mV
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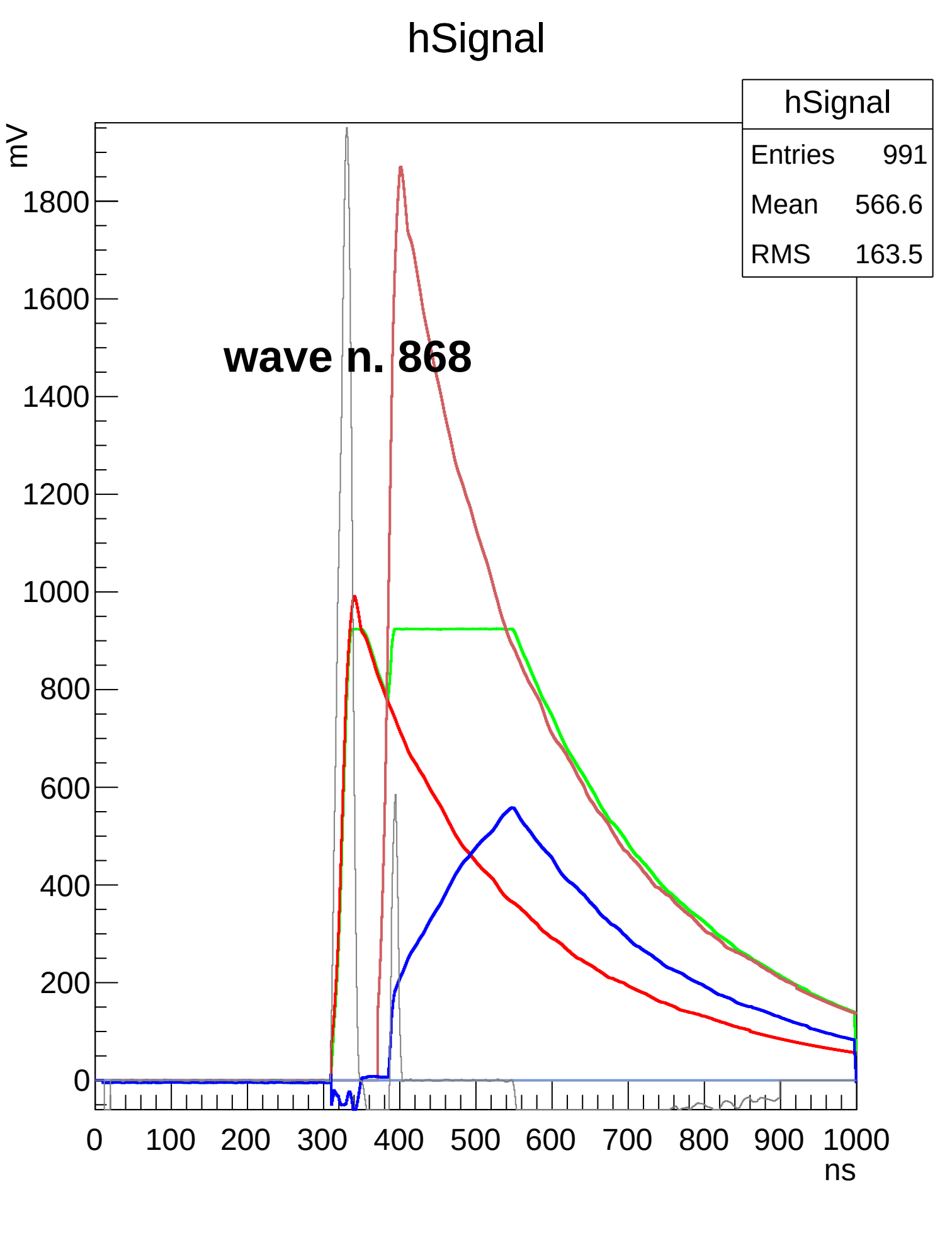
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 566.6
RMS 163.5
wave n. 868
mV
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1200
1000
800
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400
200
0
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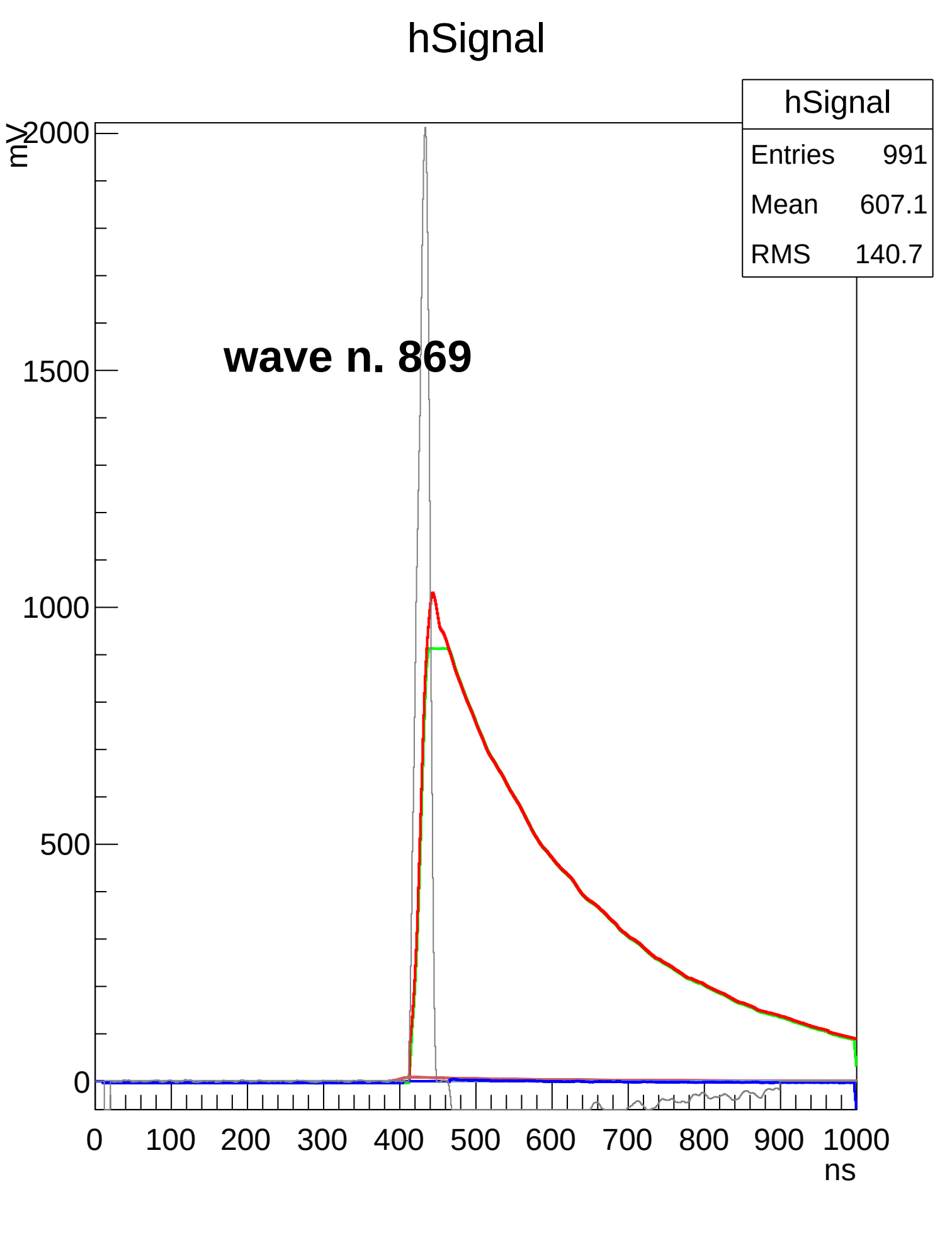
ns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hSignal
Entries 991
Mean 607.1
RMS 140.7
wave n. 869
mV
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1000
500
0
0
100
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400
500
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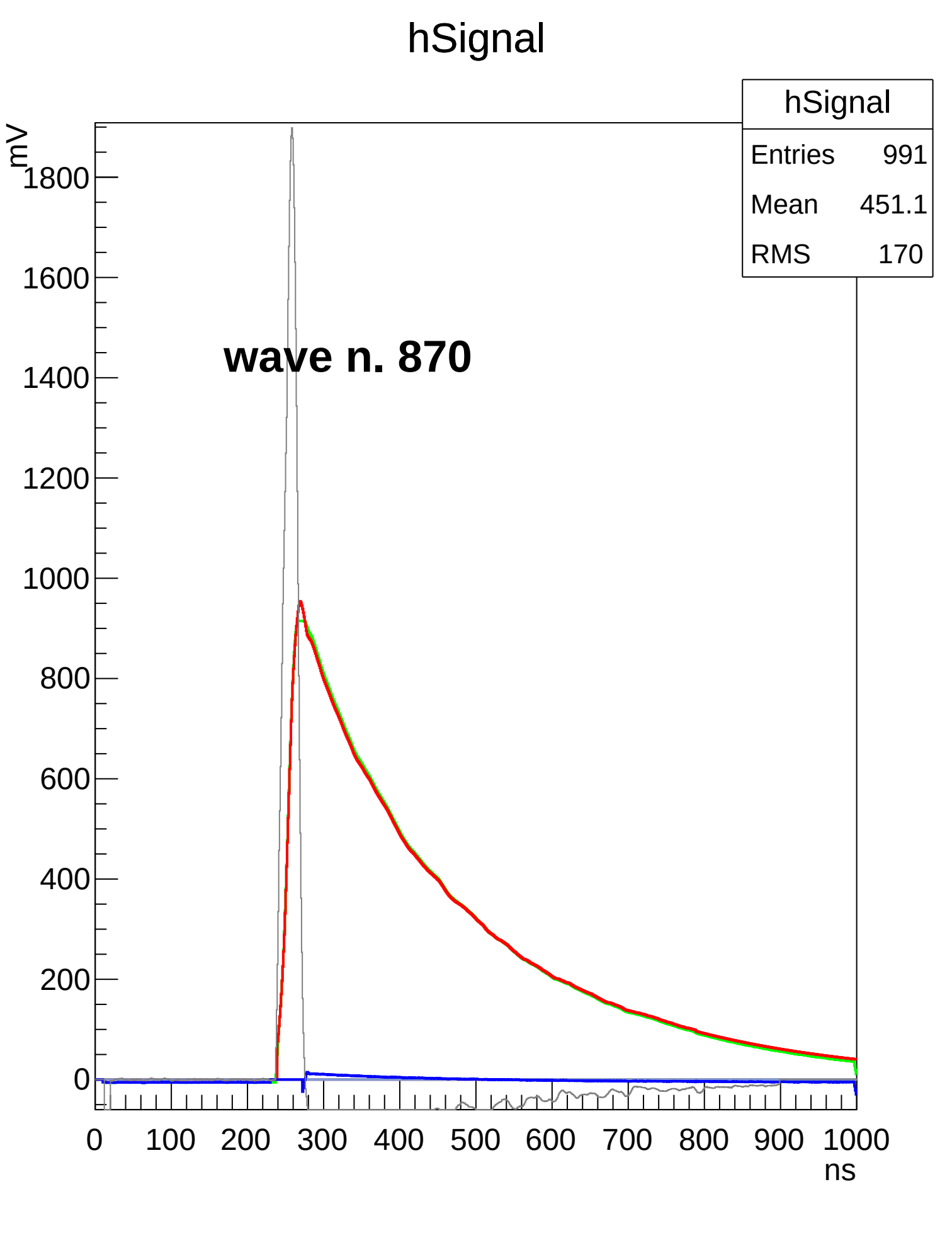
800
900
1000
ns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hSignal
Entries 991
Mean 451.1
RMS 170
wave n. 870
mV
1800
1600
1400
1200
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600
400
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0
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100
200
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400
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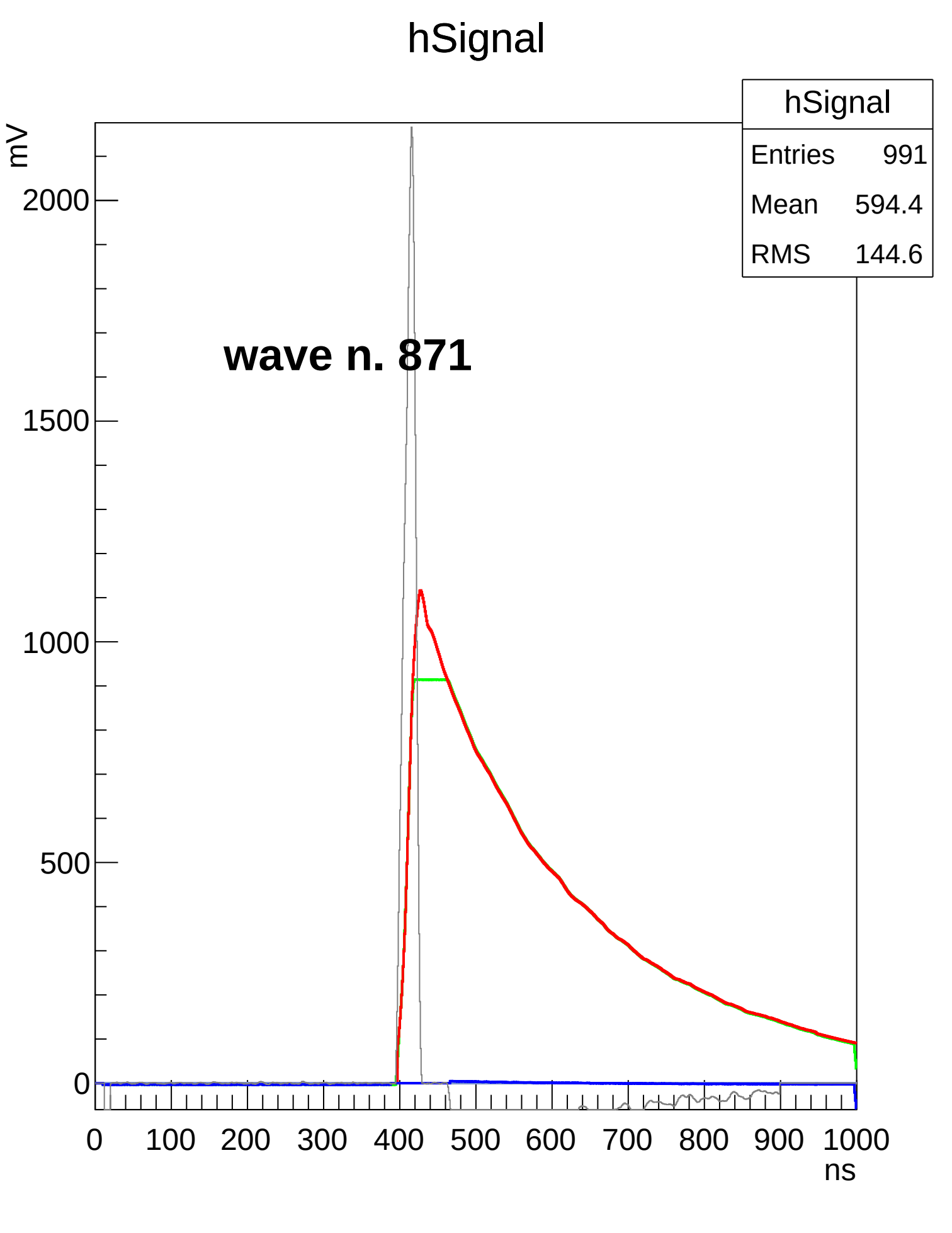
800
900
1000
ns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hSignal
Entries 991
Mean 594.4
RMS 144.6
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mV
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1000
500
0
0
100
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800
900
1000
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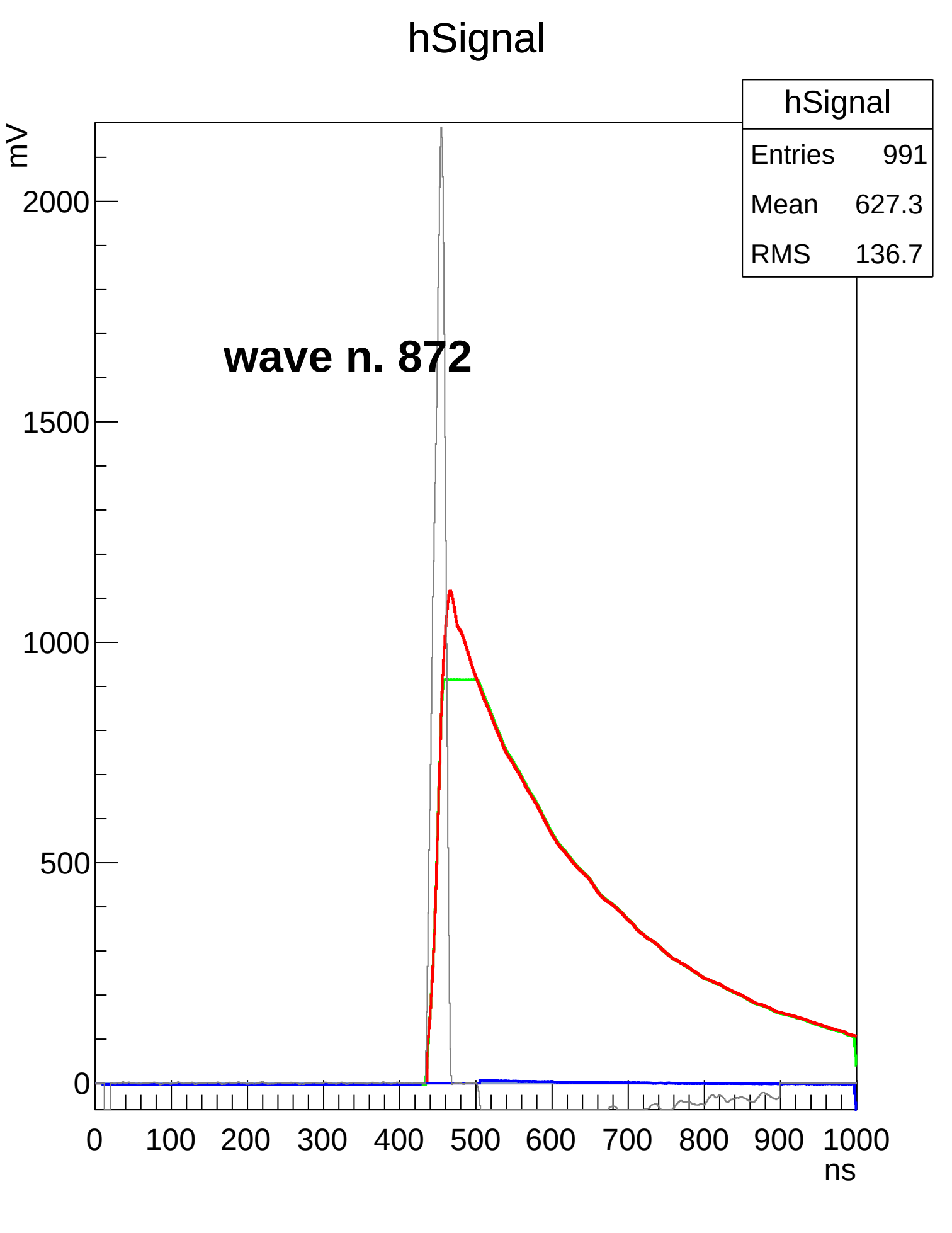
hSignal
hSignal
Entries 991
Mean 627.3
RMS 136.7
wave n. 872
mV
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1500
1000
500
0
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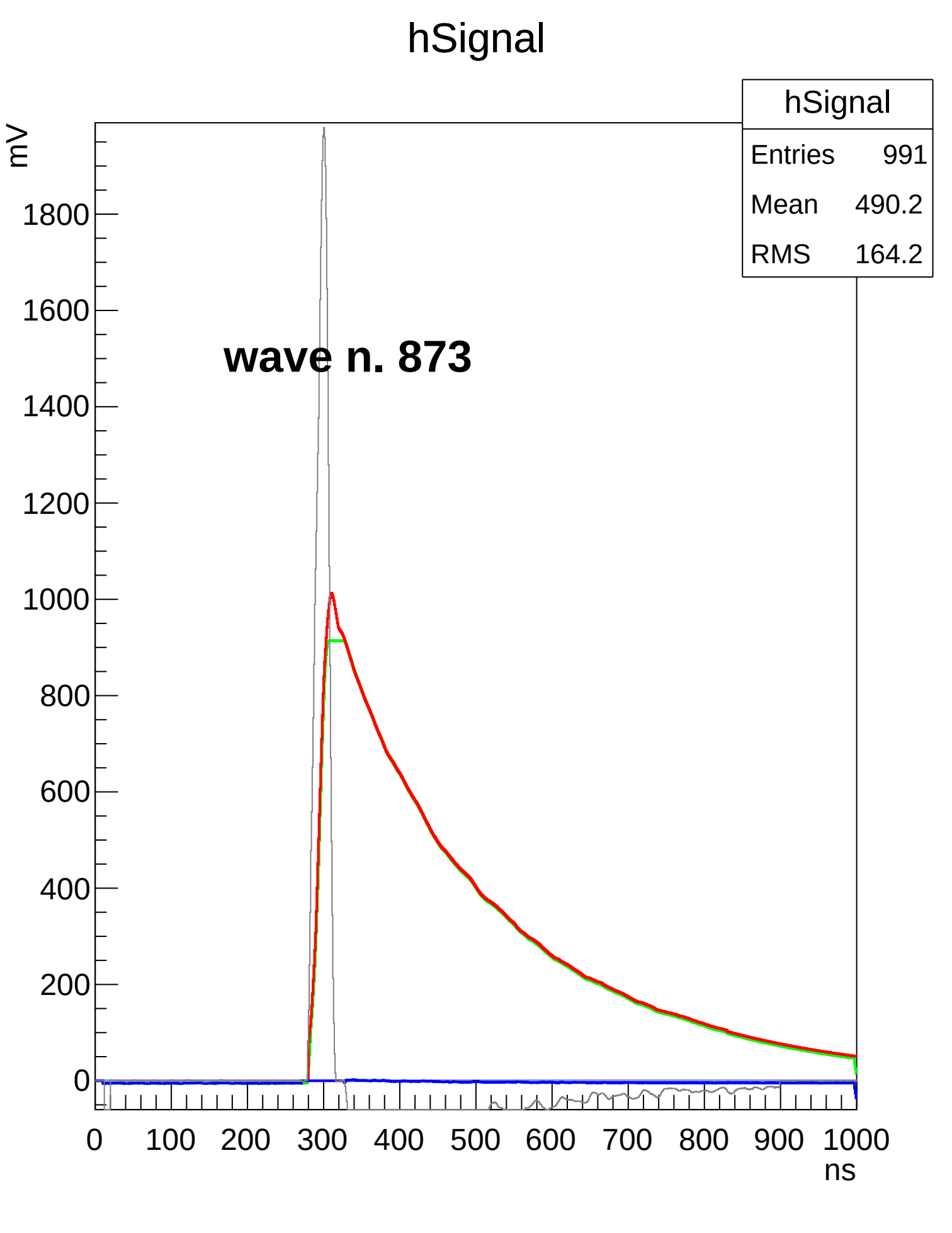
ns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hSignal
Entries 991
Mean 490.2
RMS 164.2
wave n. 873
mV
1800
1600
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600
400
200
0
0
100
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1000
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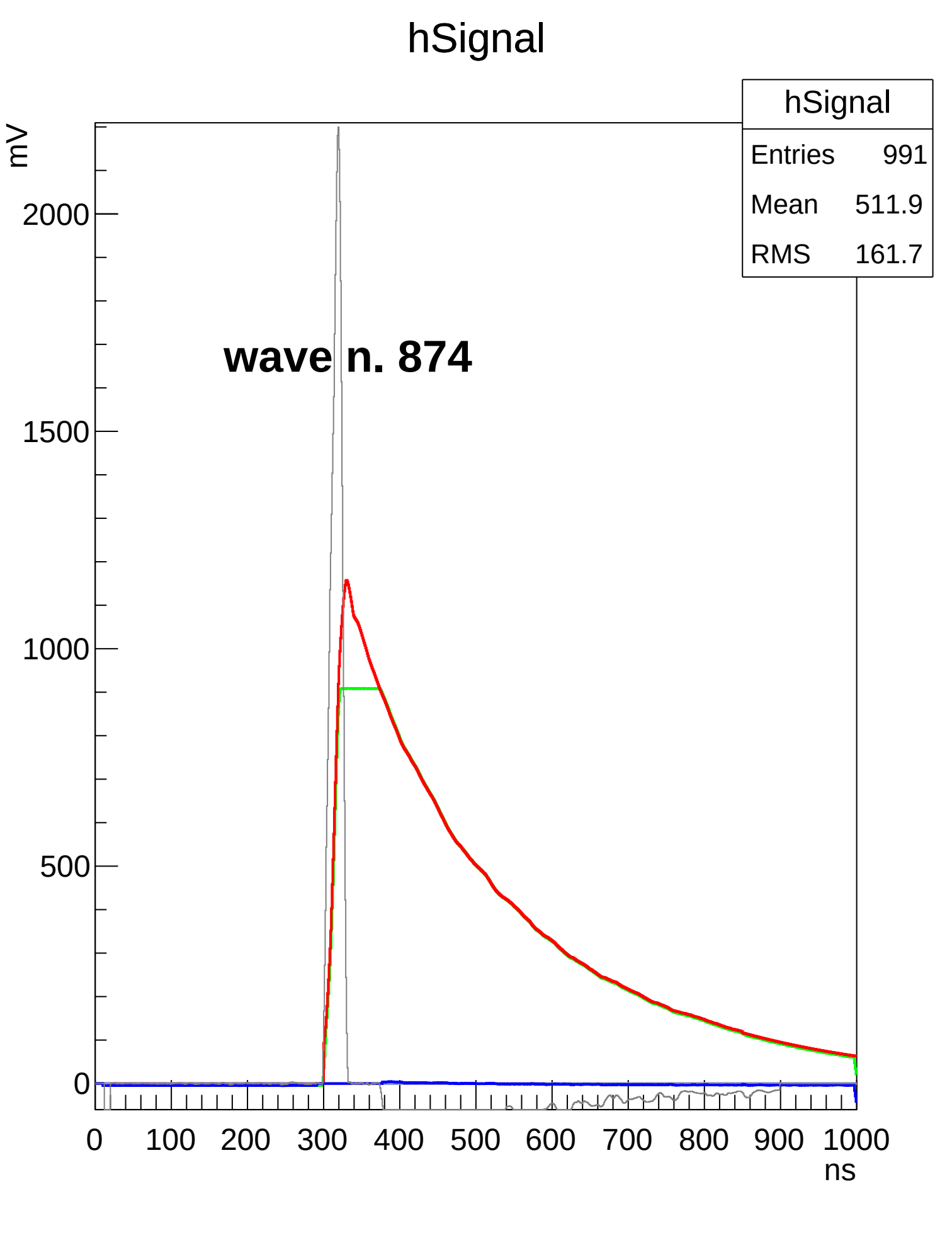
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hSignal
Entries 991
Mean 511.9
RMS 161.7
wave n. 874
mV
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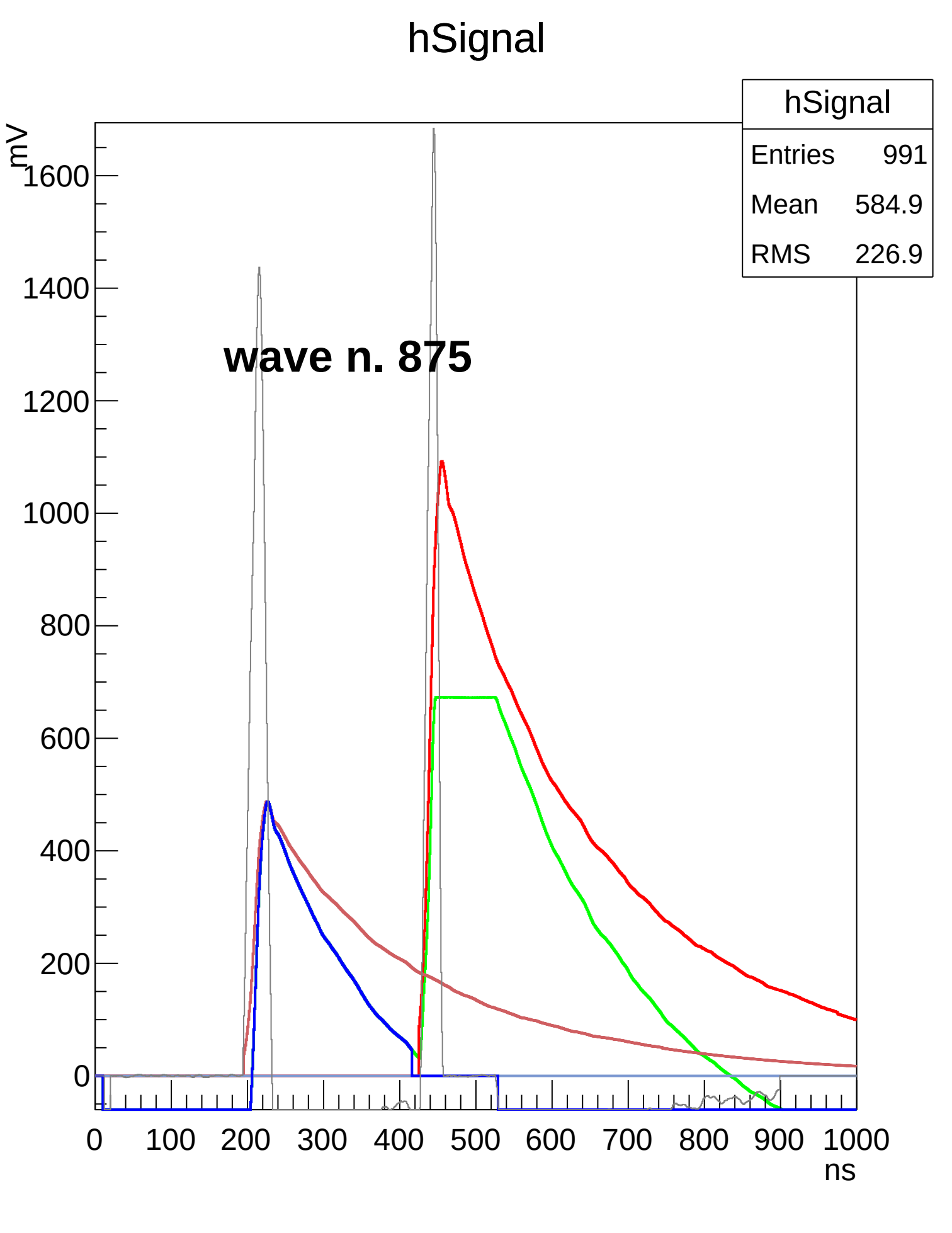
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 584.9
RMS 226.9
wave n. 875
mV
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600
400
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0
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200
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400
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800
900
1000
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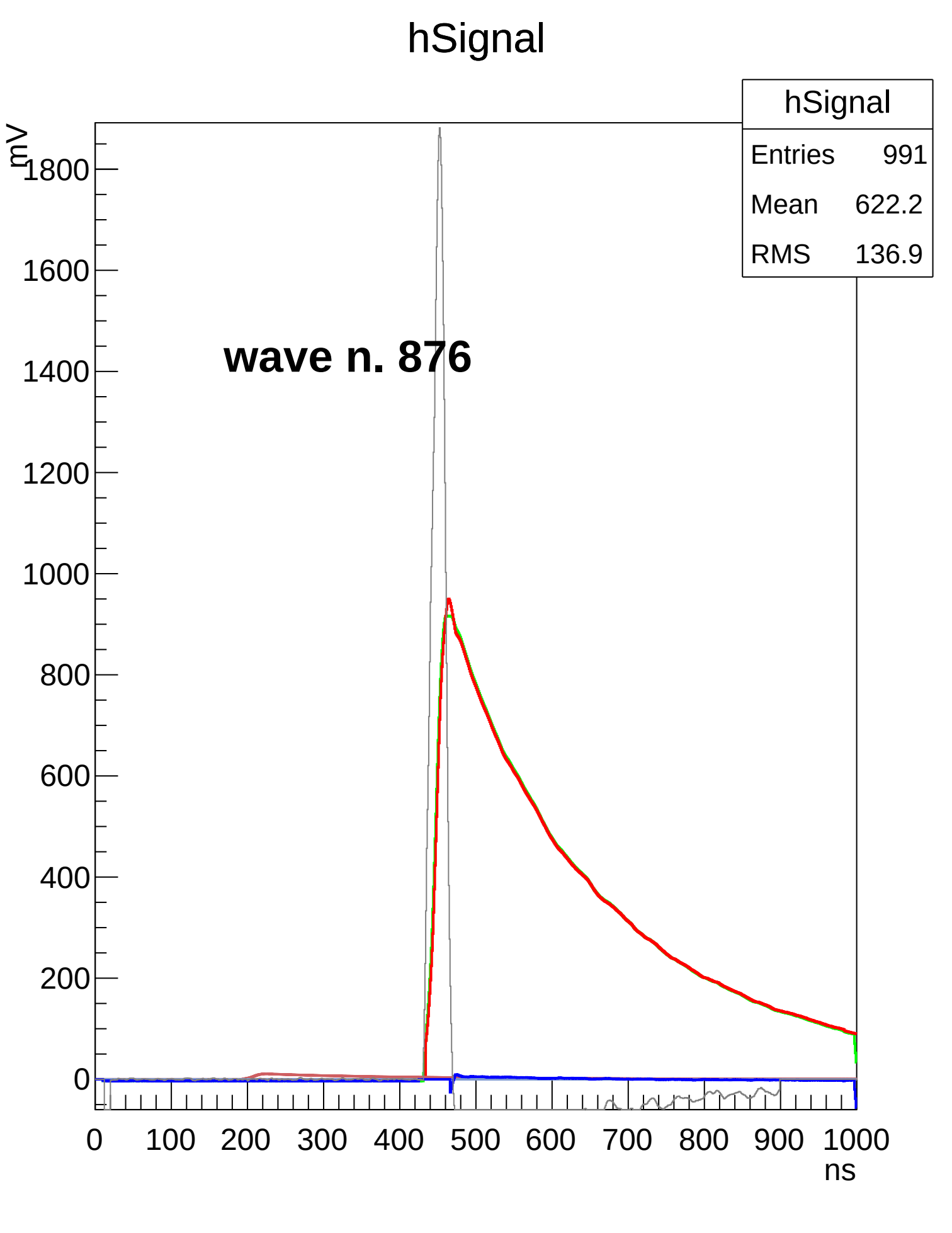
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hSignal
Entries 991
Mean 622.2
RMS 136.9
wave n. 876
mV
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0
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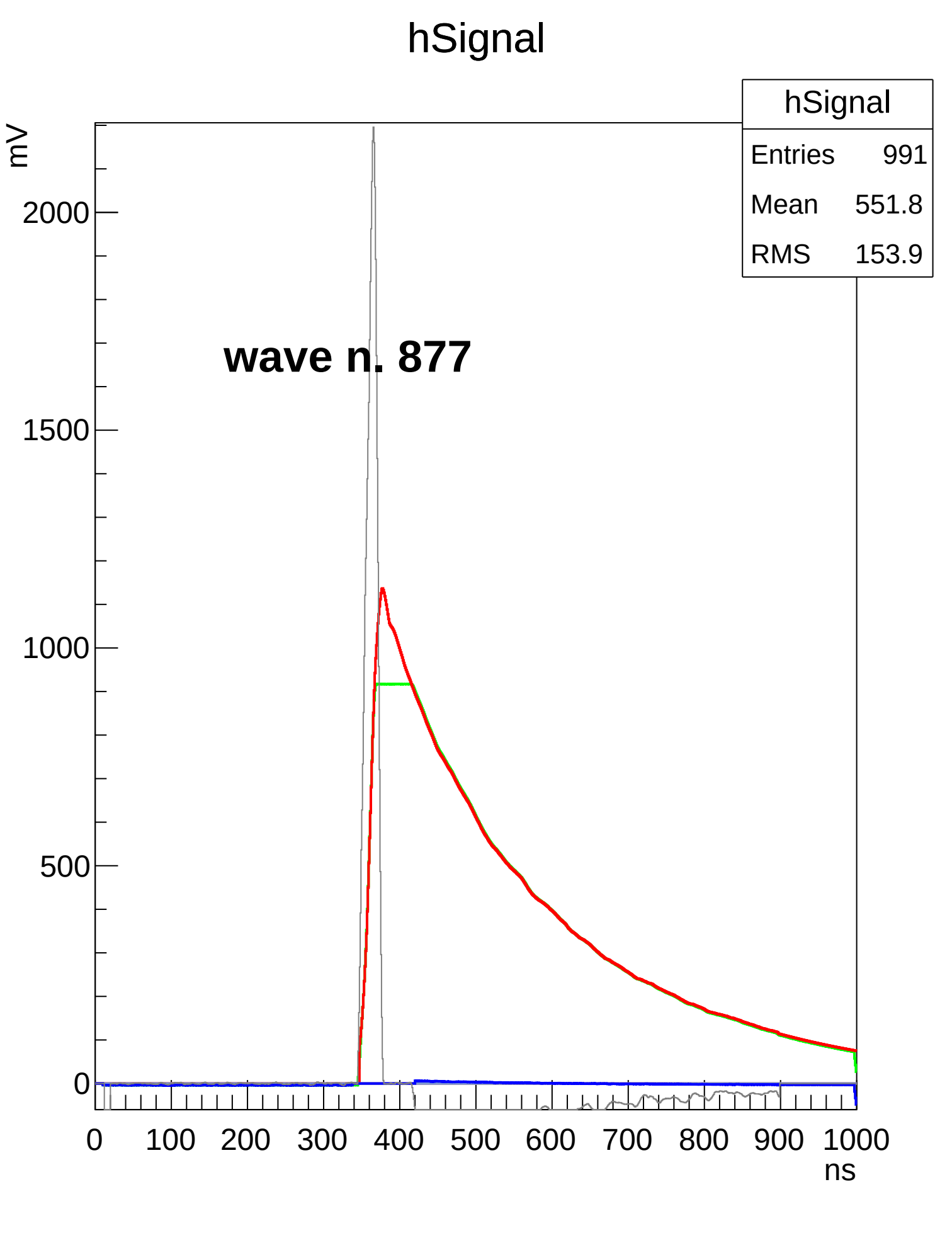
1000
ns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hSignal
Entries 991
Mean 551.8
RMS 153.9
wave n. 877
mV
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1000
500
0
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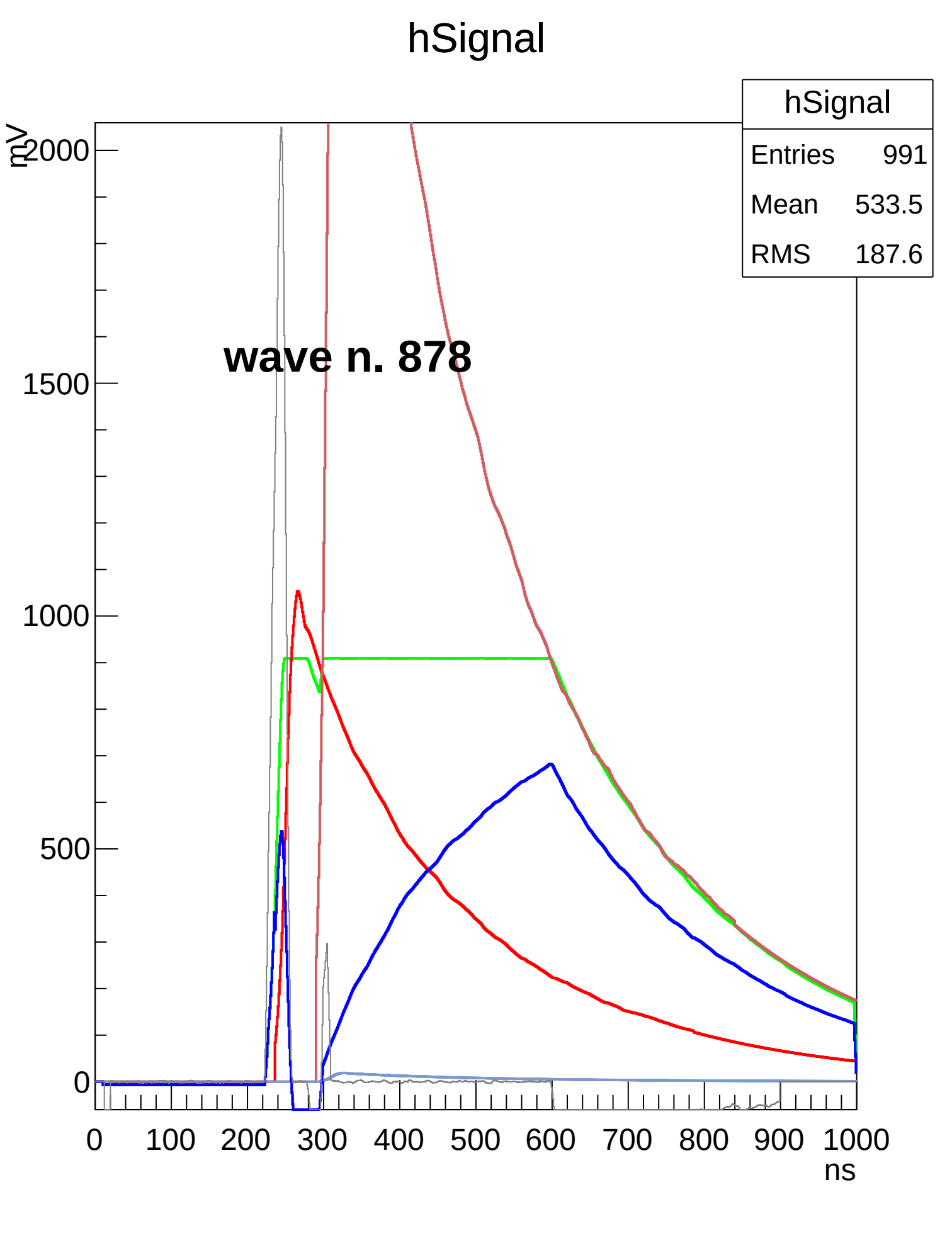
ns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hSignal
Entries 991
Mean 533.5
RMS 187.6
wave n. 878
mV
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1500
1000
500
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0
100
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400
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800
900
1000
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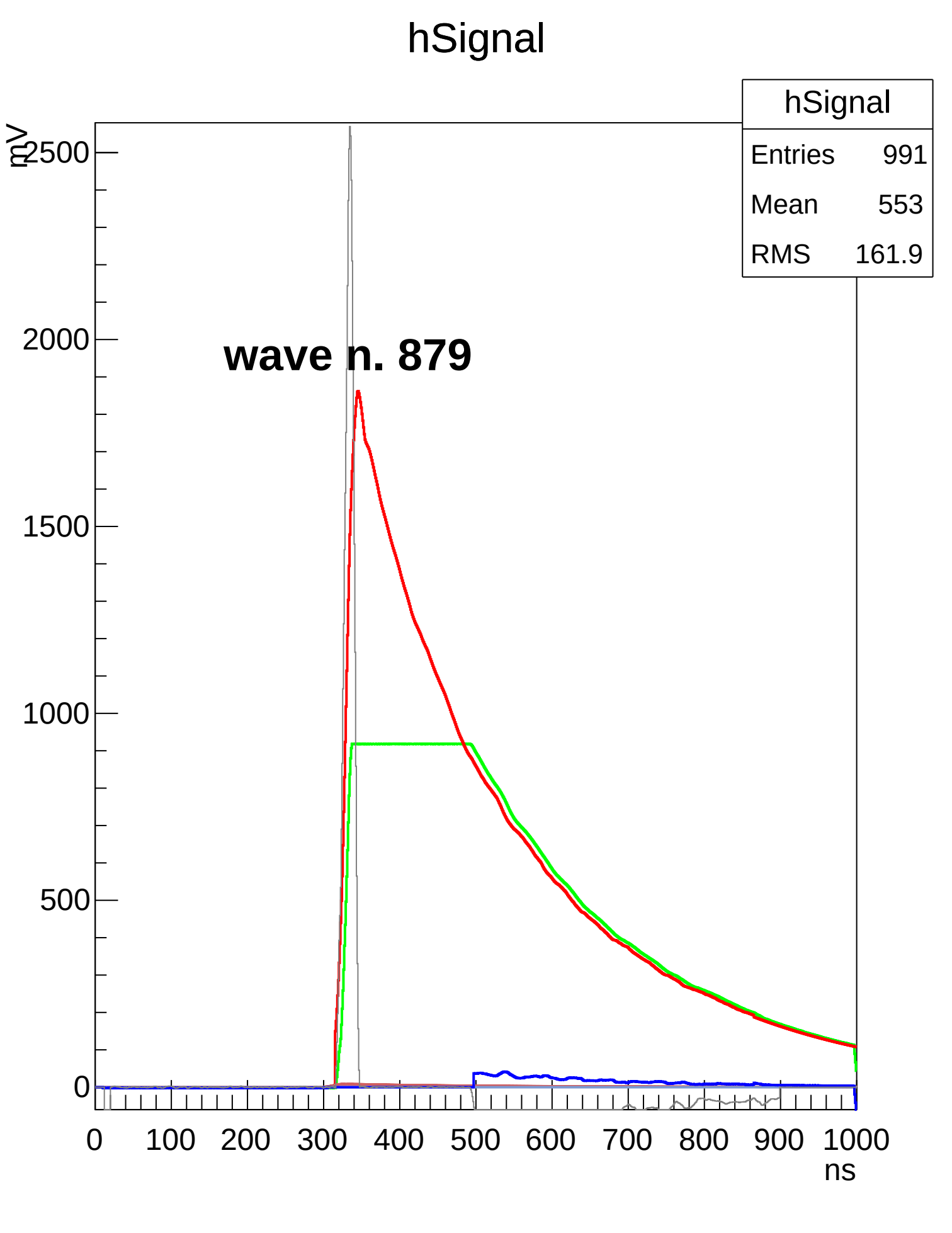
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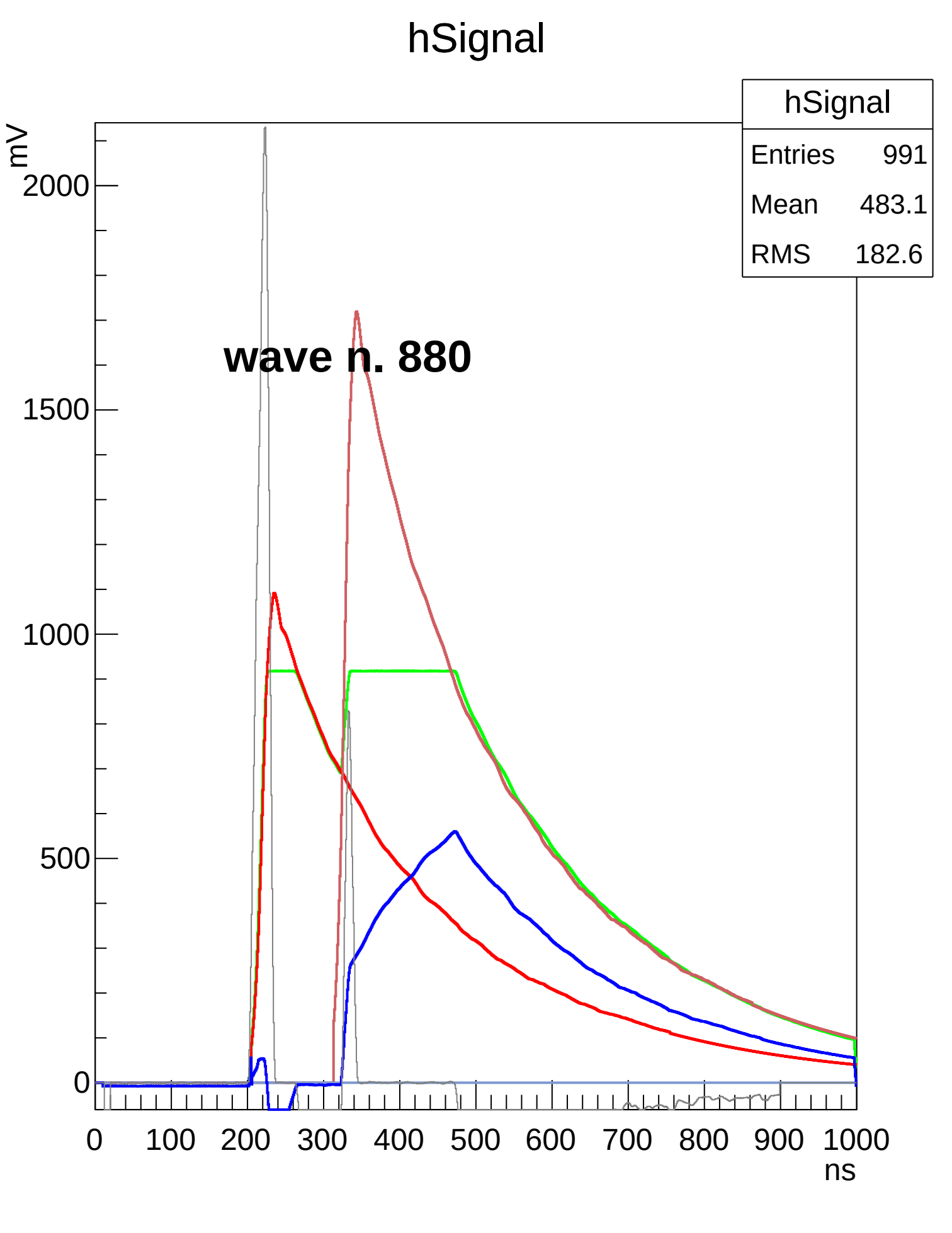
hSignal
Entries 991
Mean 553
RMS 161.9
wave n. 879
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 483.1
RMS 182.6
wave n. 880
mV
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1500
1000
500
0
0
100
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800
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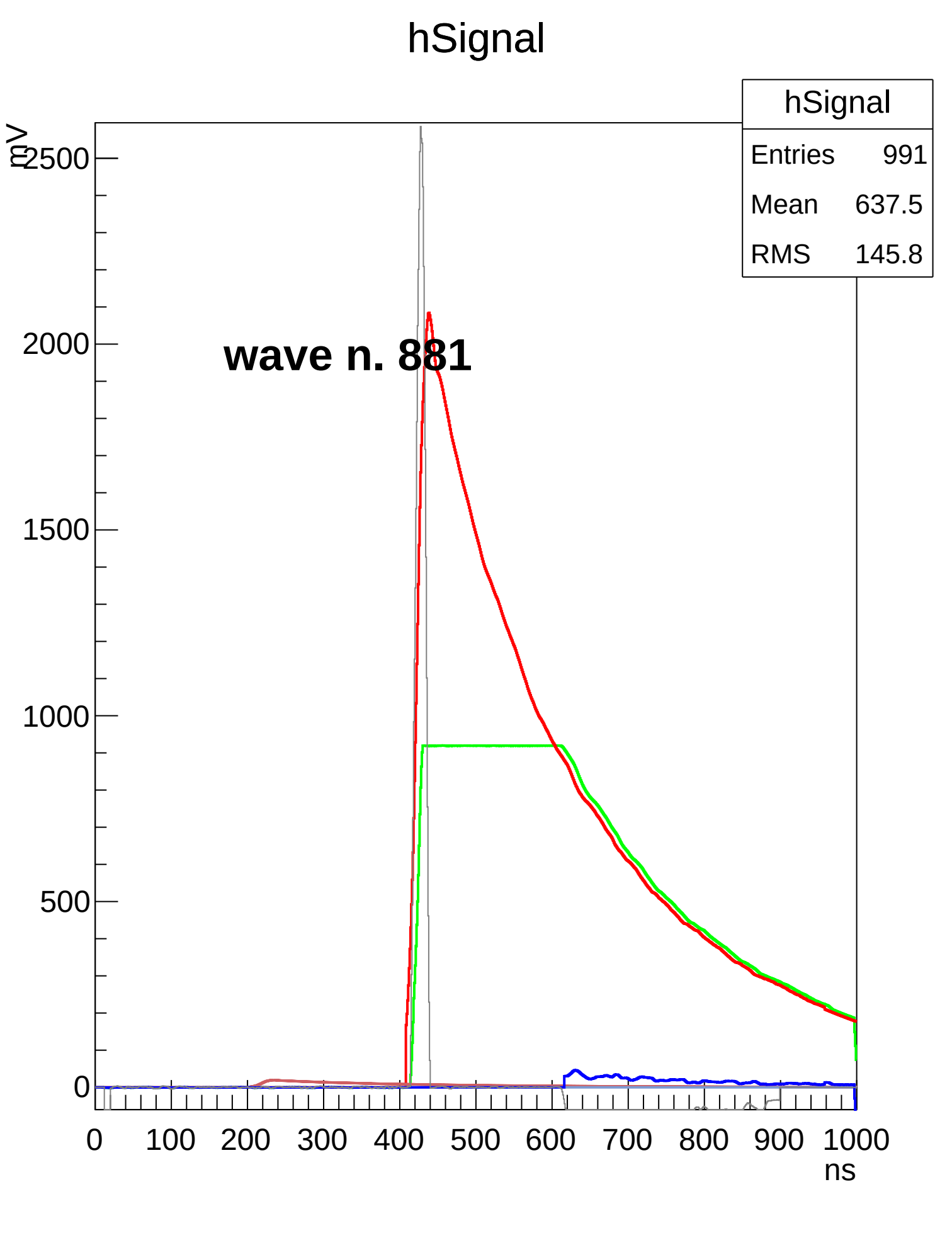
1000
ns


hSignal
hSignal
Entries 991
Mean 637.5
RMS 145.8
wave n. 881
mV
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1500
1000
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0
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400
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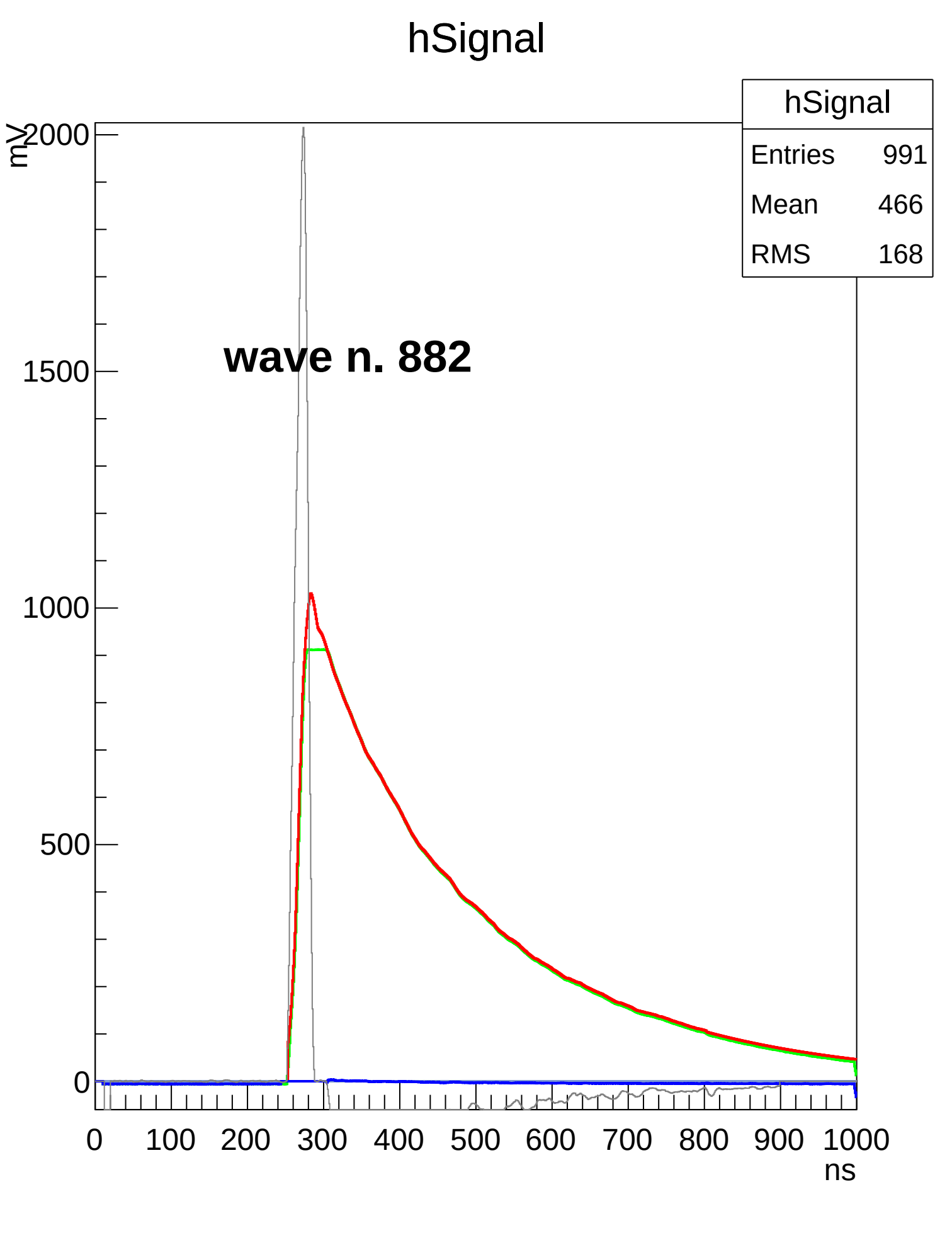
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 466
RMS 168
wave n. 882
mV
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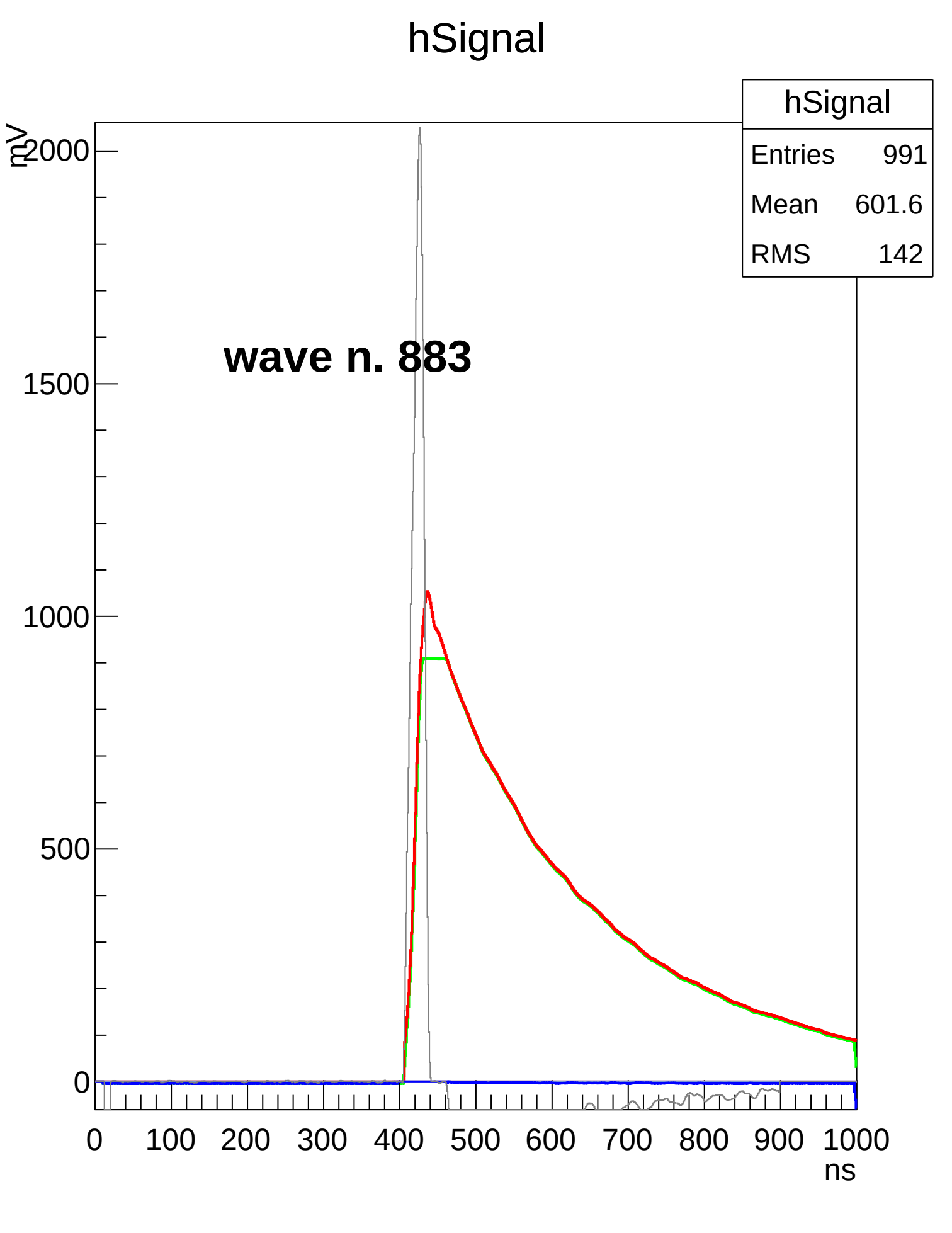
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 601.6
RMS 142
wave n. 883
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100
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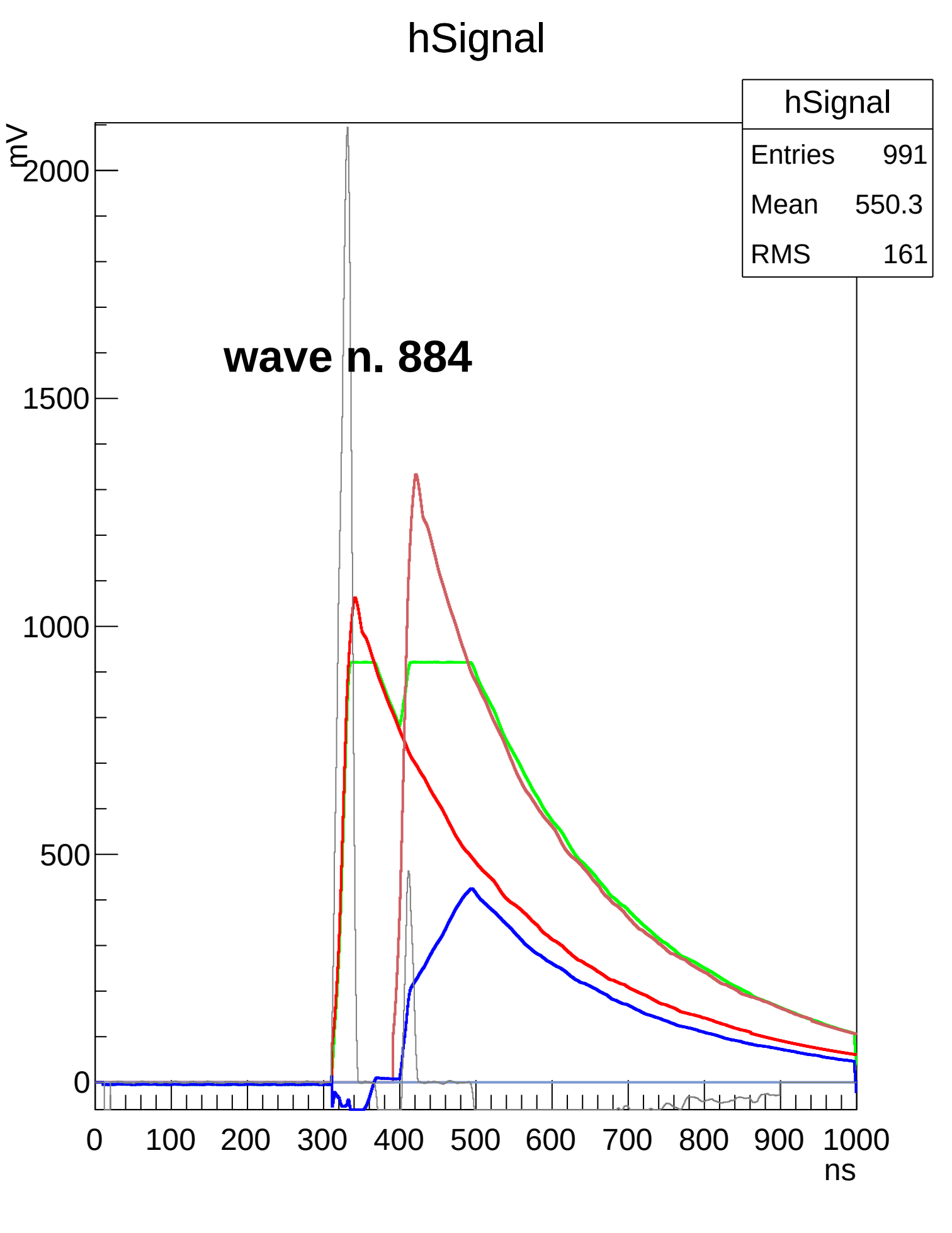
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.3
RMS 161
wave n. 884
mV
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1500
1000
500
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0
100
200
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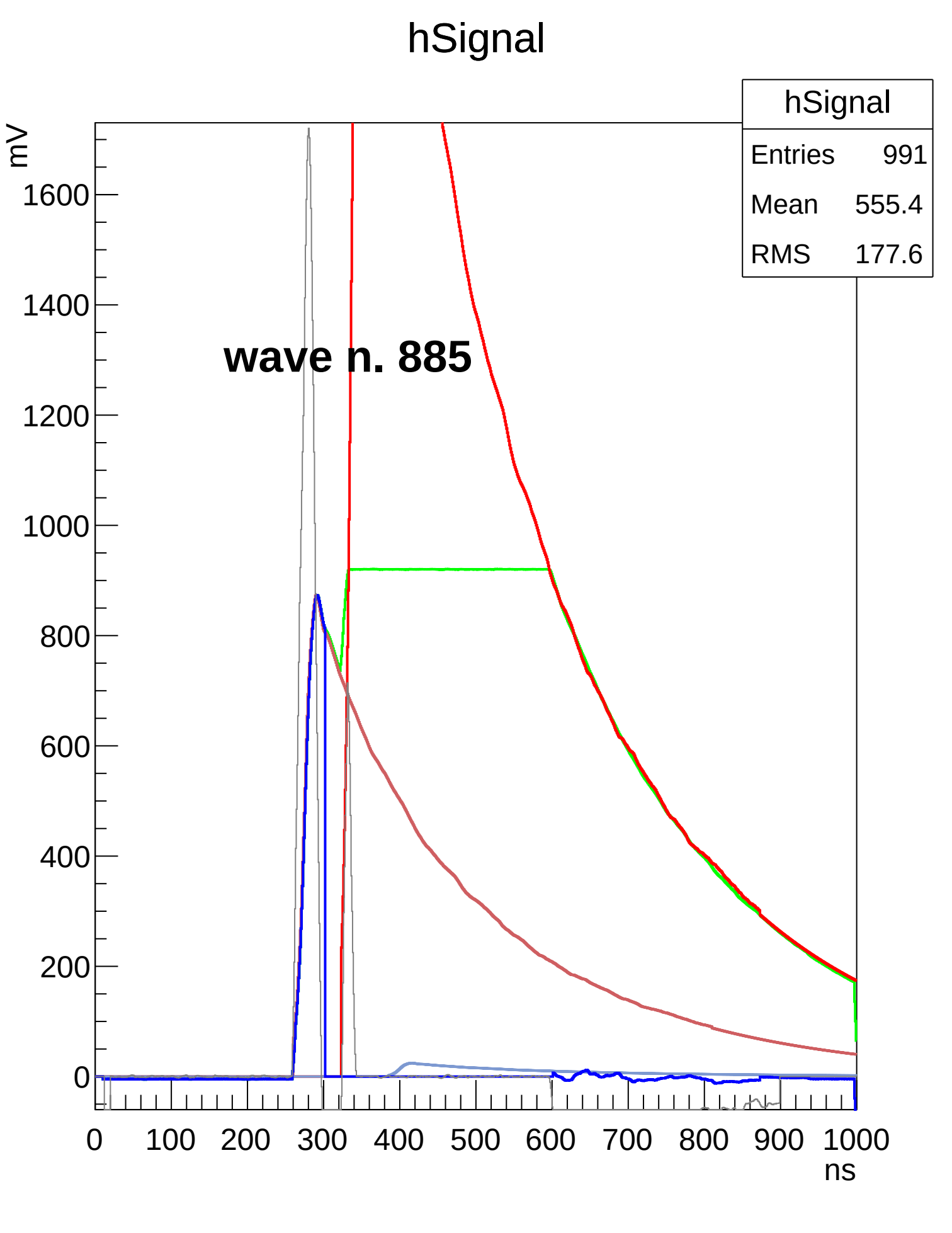
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 555.4
RMS 177.6
wave n. 885
mV
1600
1400
1200
1000
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600
400
200
0
0
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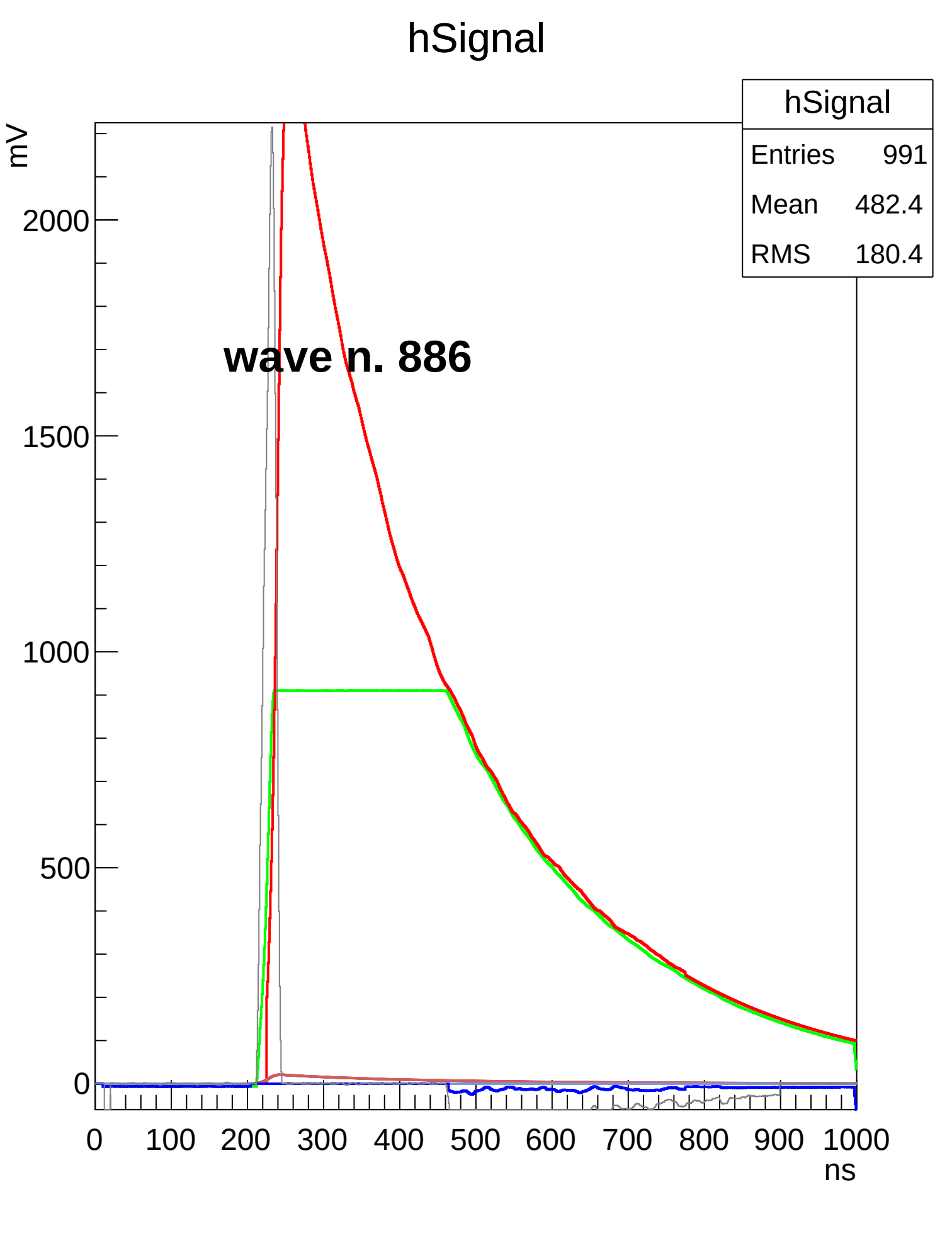
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 482.4
RMS 180.4
wave n. 886
mV
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1500
1000
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0
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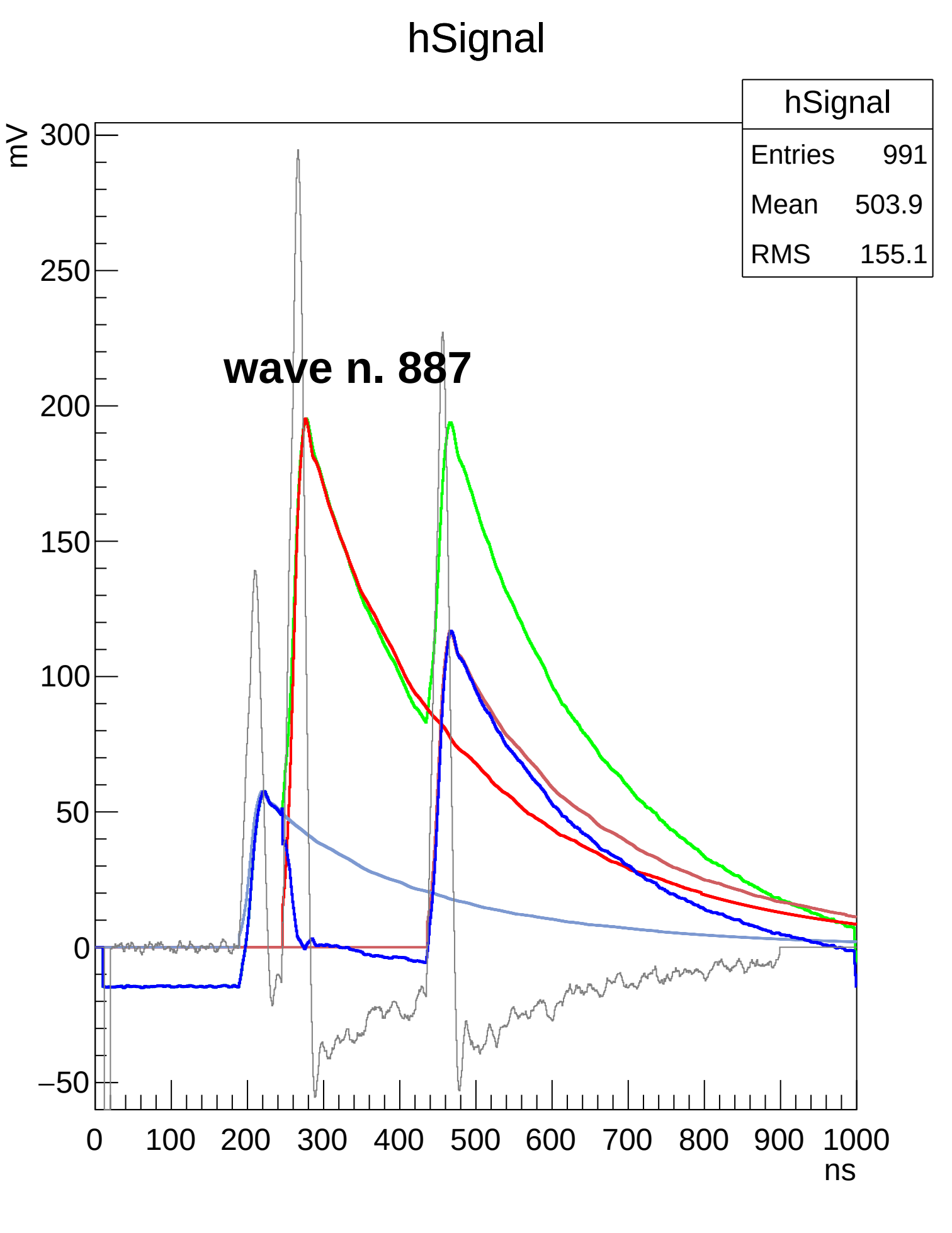
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.9
RMS 155.1
wave n. 887
mV
300
250
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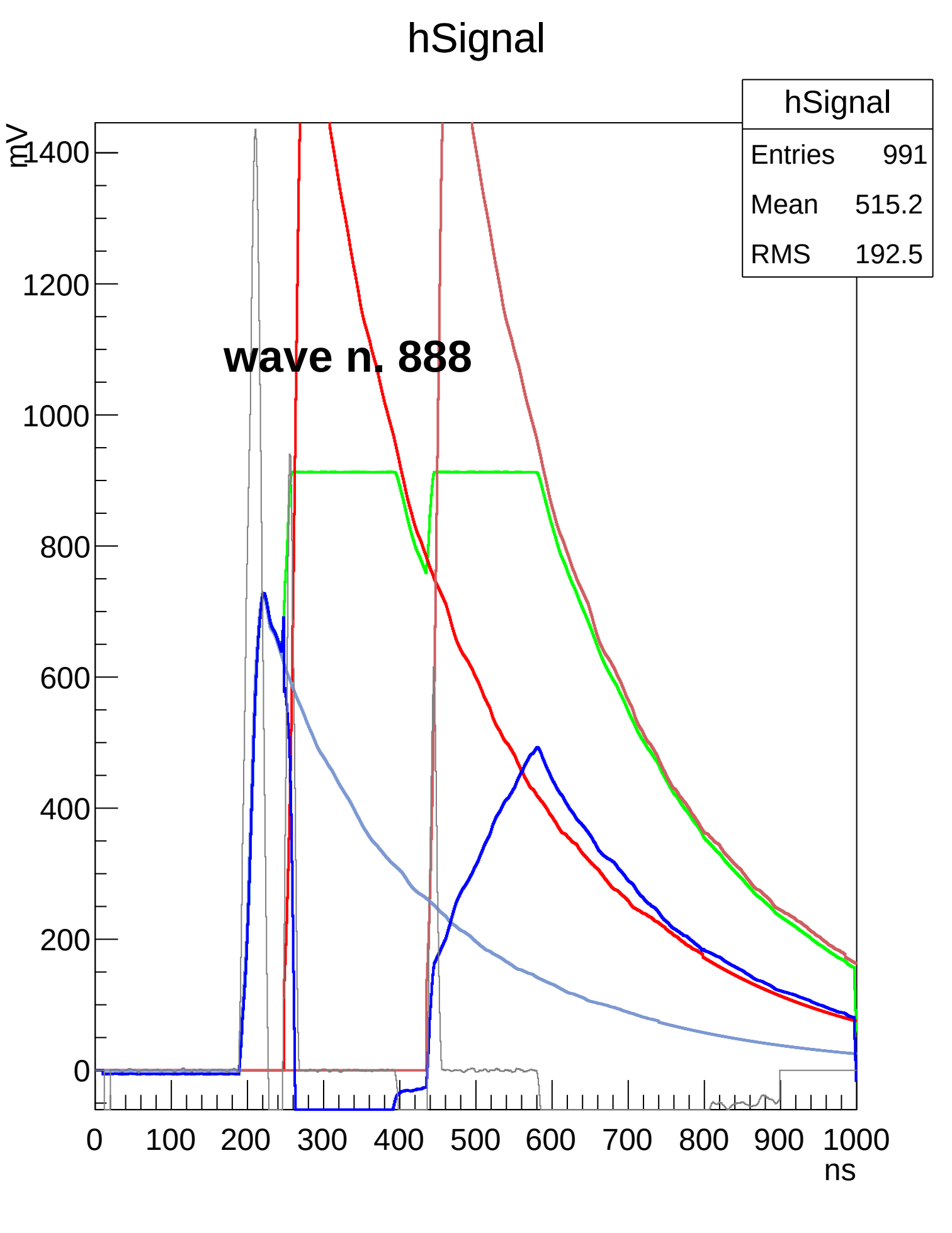
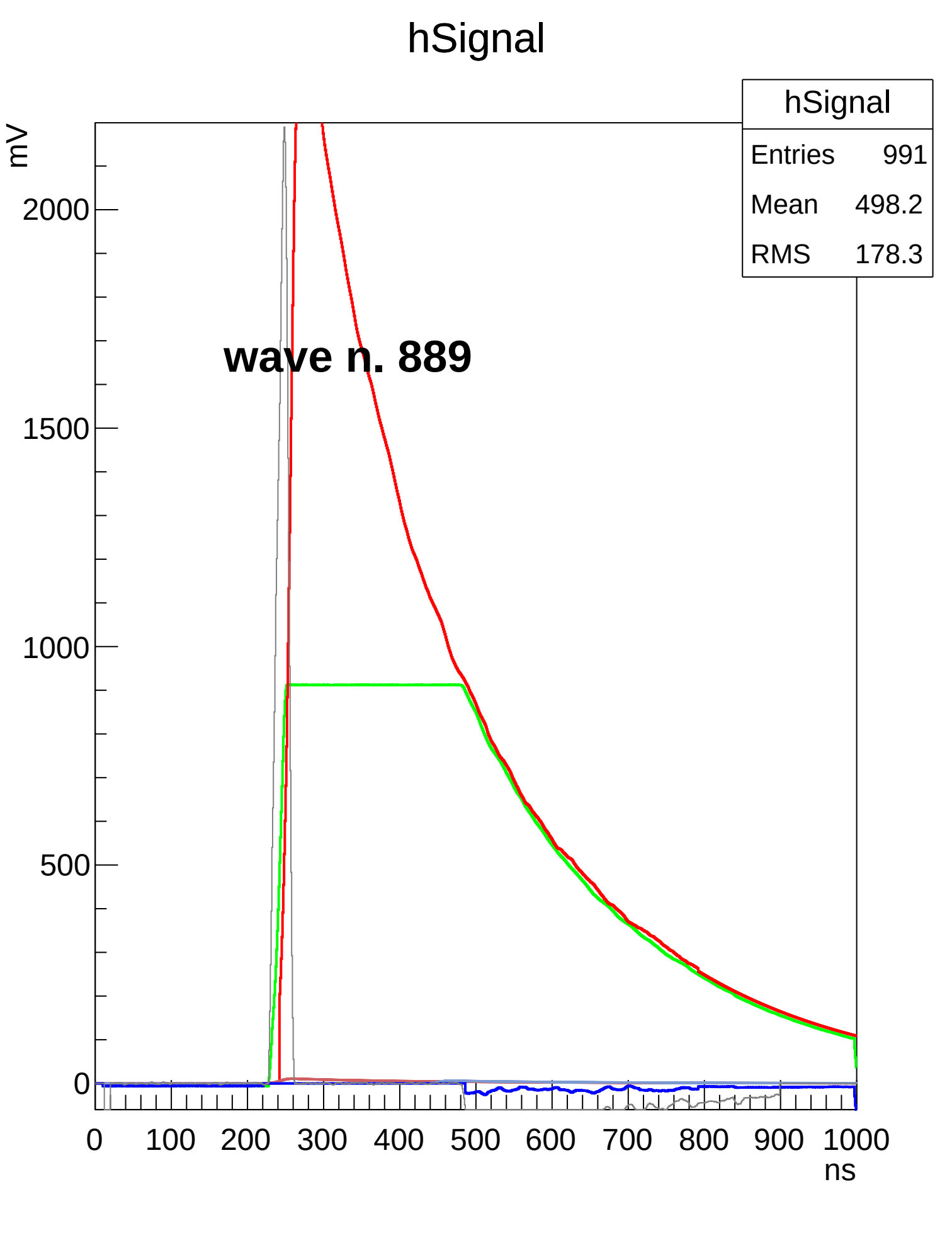
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.2
RMS 192.5
wave n. 888
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 498.2
RMS 178.3
wave n. 889
mV
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1500
1000
500
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0
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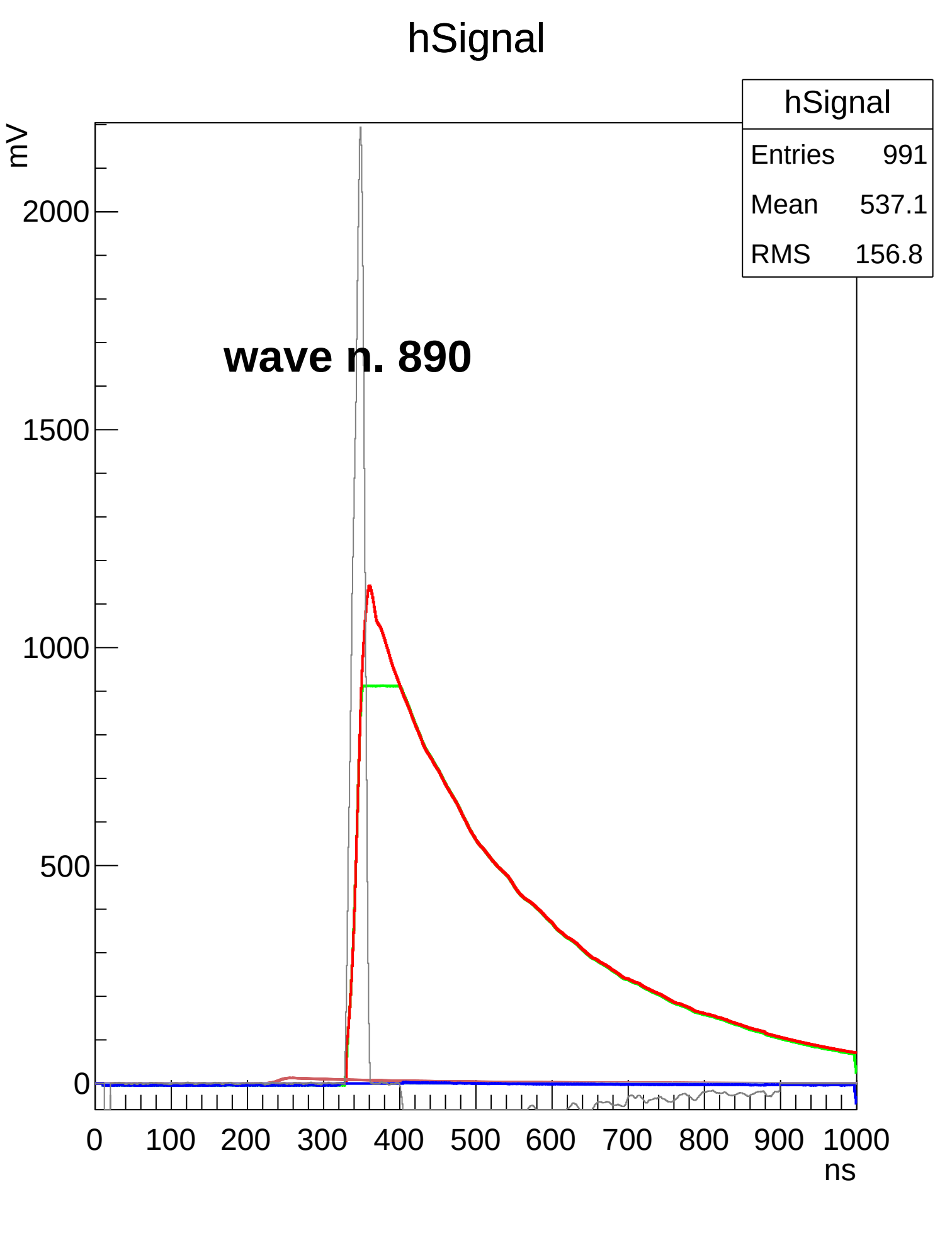
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 537.1
RMS 156.8
wave n. 890
mV
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1500
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400
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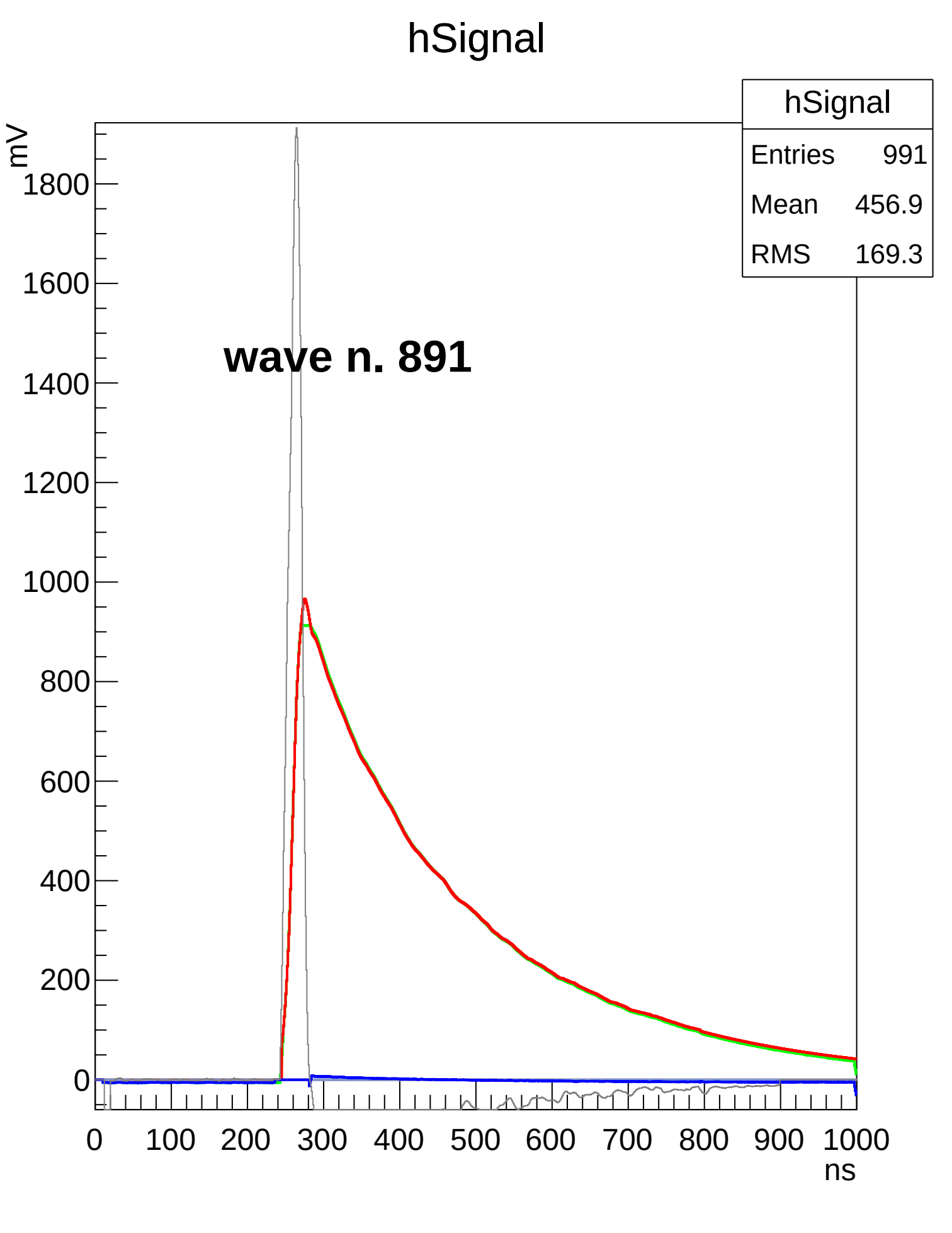
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 456.9
RMS 169.3
wave n. 891
mV
1800
1600
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1200
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600
400
200
0
0
100
200
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400
500
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800
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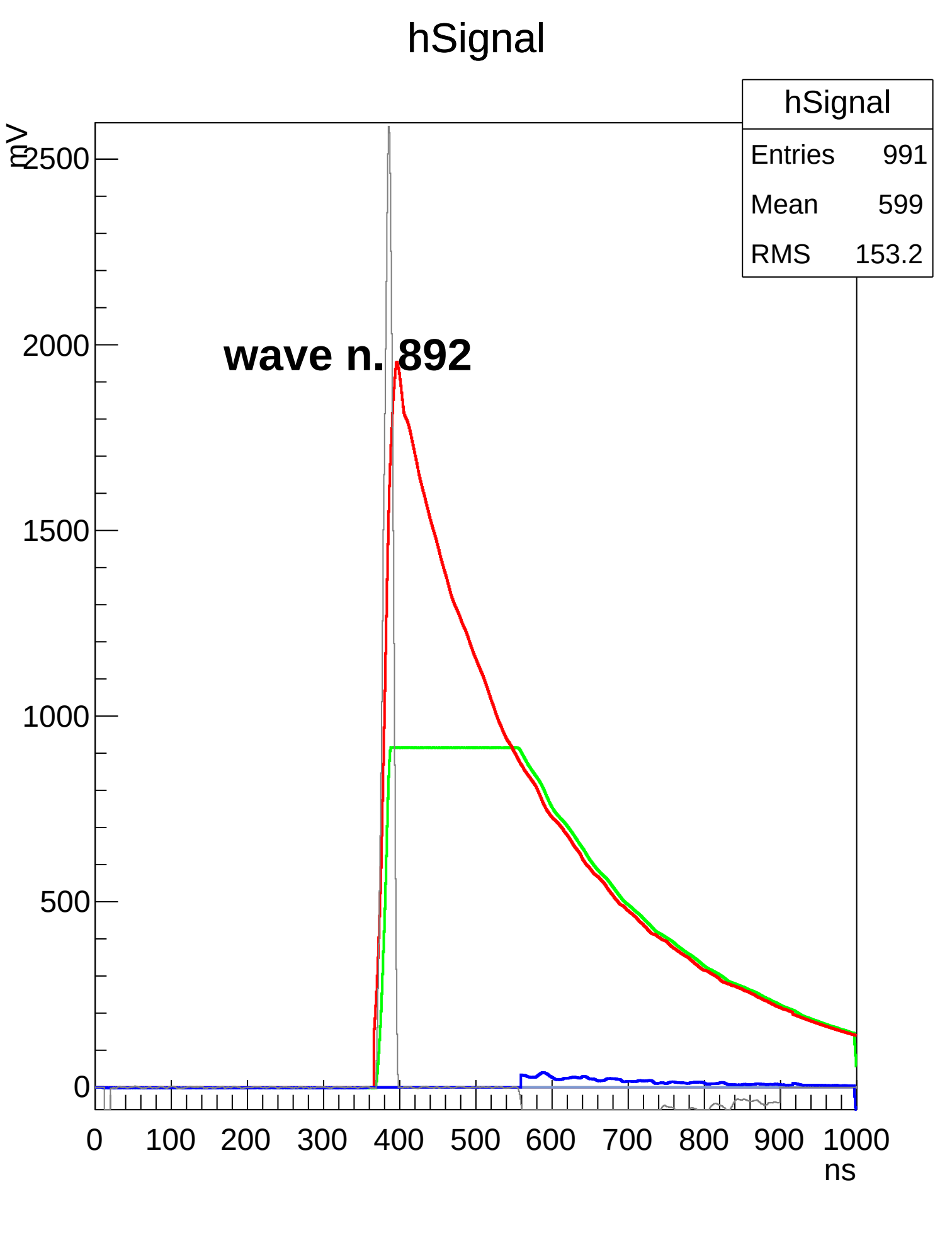
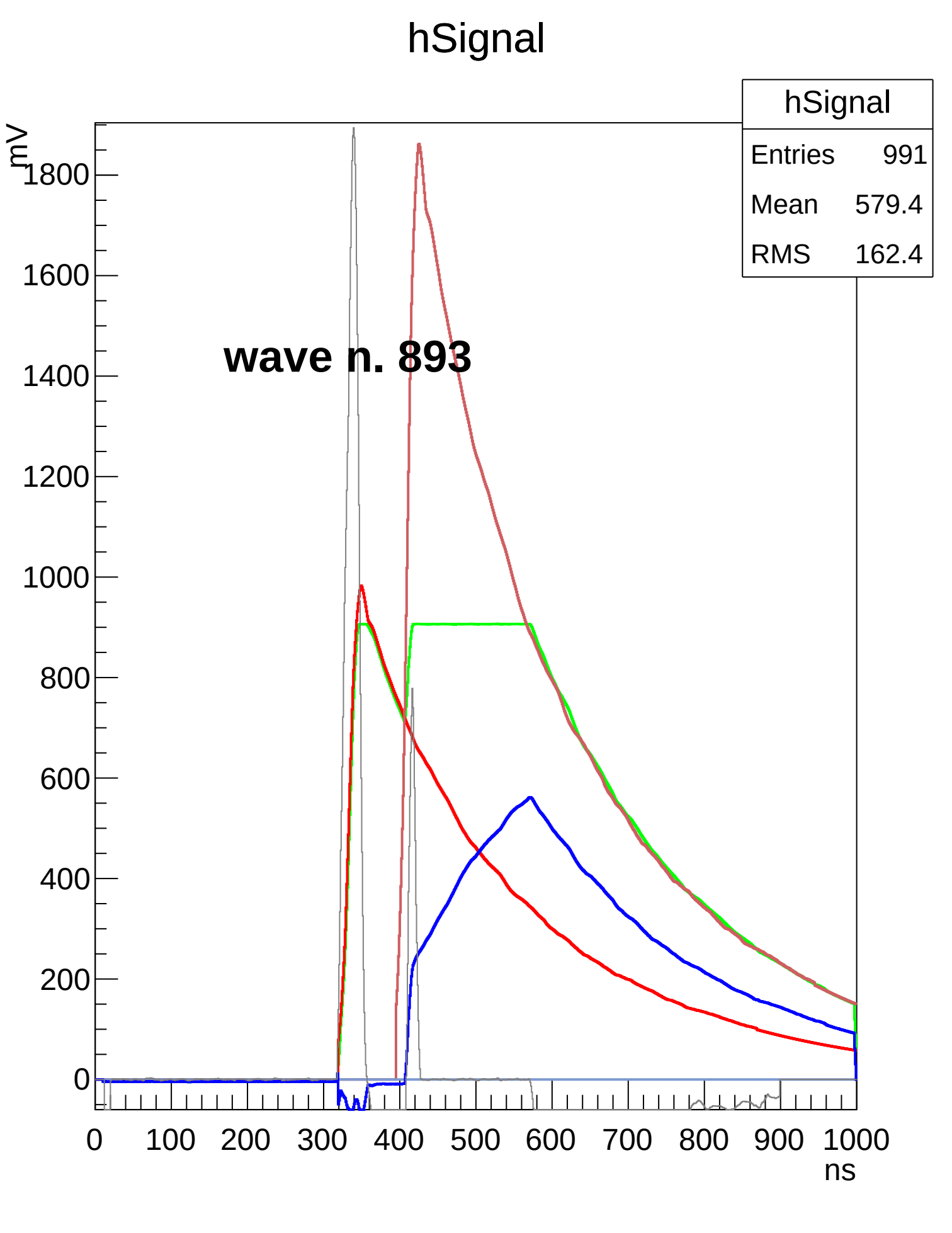
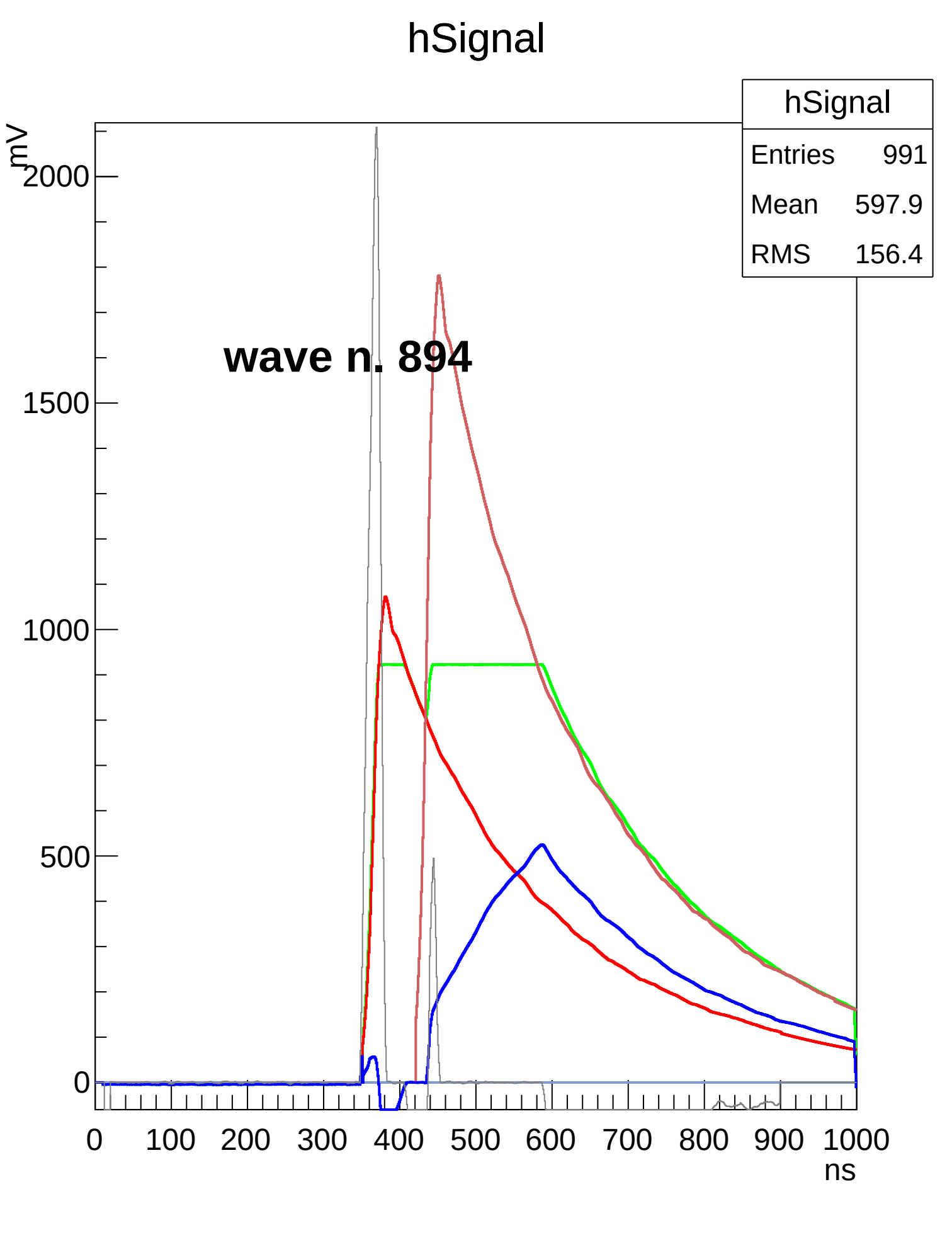
1000
ns


hSignal
hSignal
Entries 991
Mean 599
RMS 153.2
wave n. 892
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 579.4
RMS 162.4
wave n. 893
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597.9
RMS 156.4
wave n. 894
mV
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1000
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0
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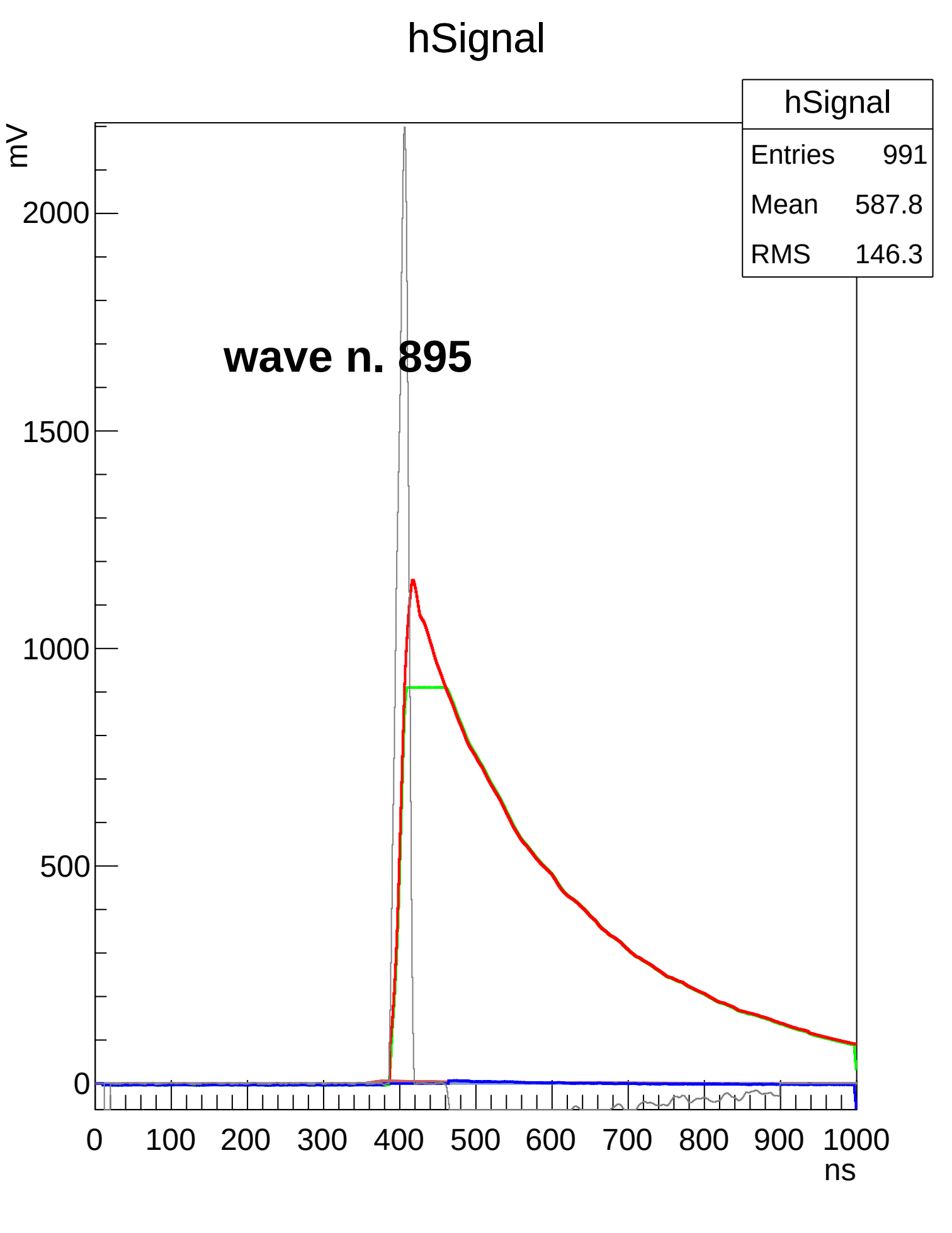
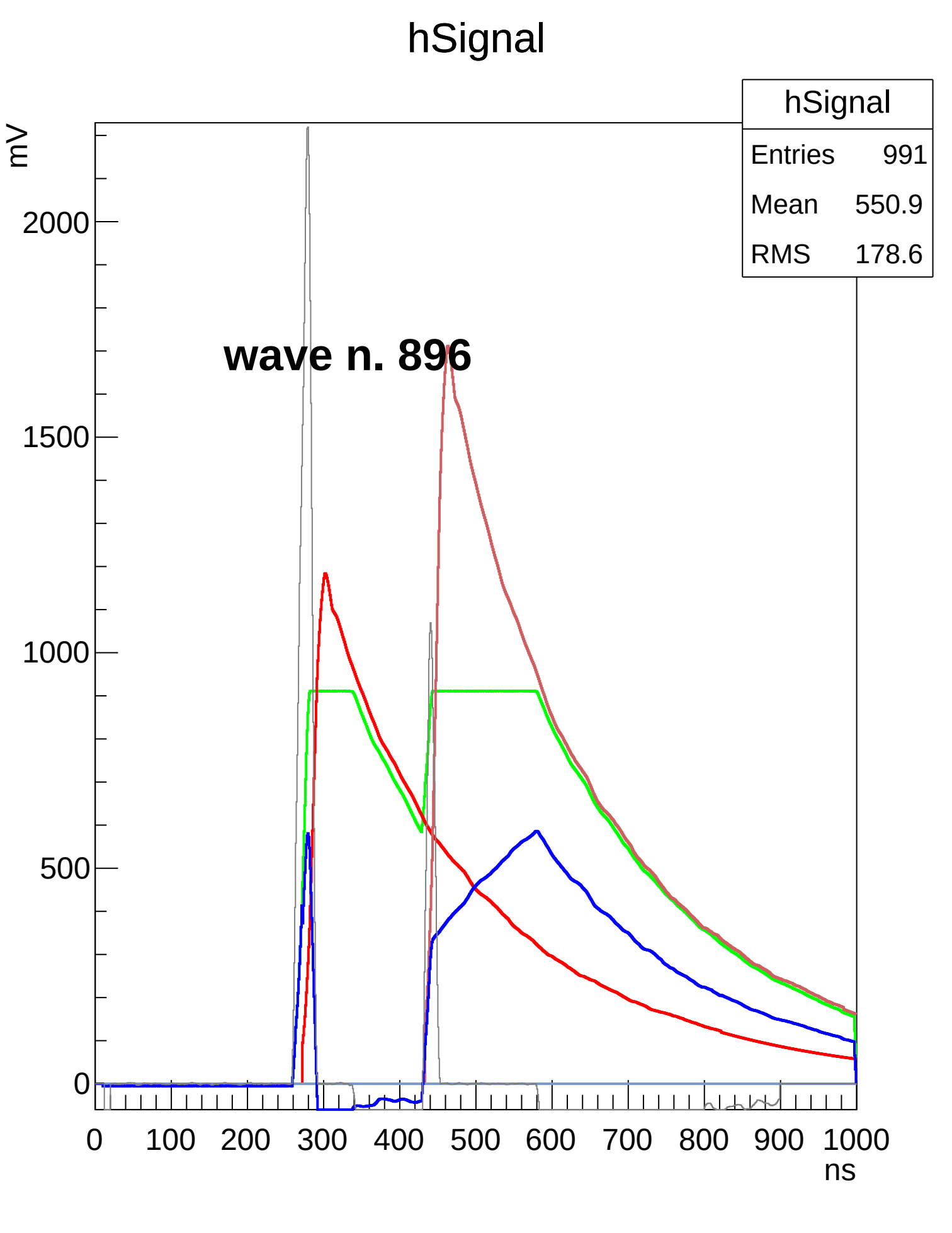
900
1000
ns


hSignal
hSignal
Entries 991
Mean 587.8
RMS 146.3
wave n. 895
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 550.9
RMS 178.6
wave n. 896
mV
2000
1500
1000
500
0
0
100
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400
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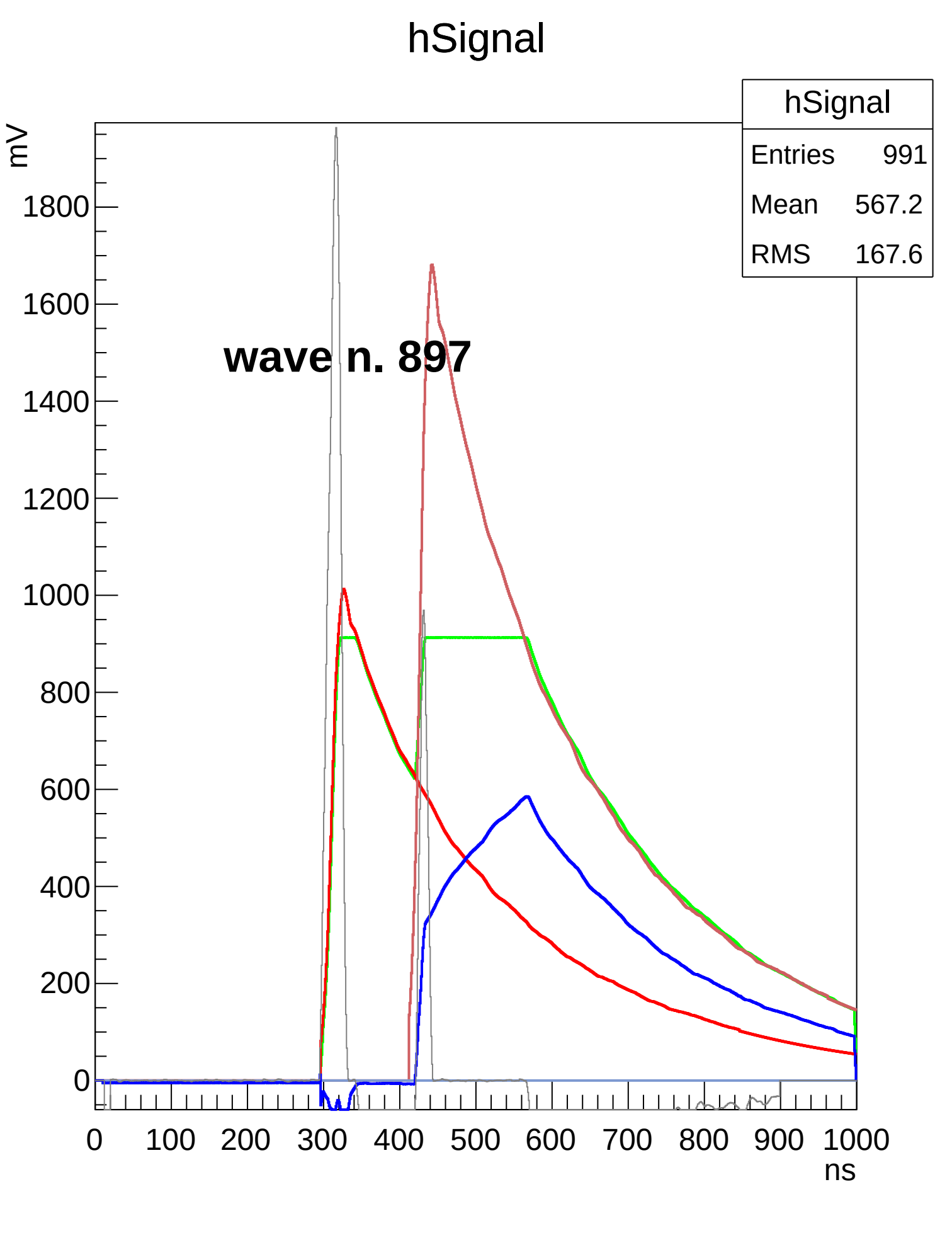
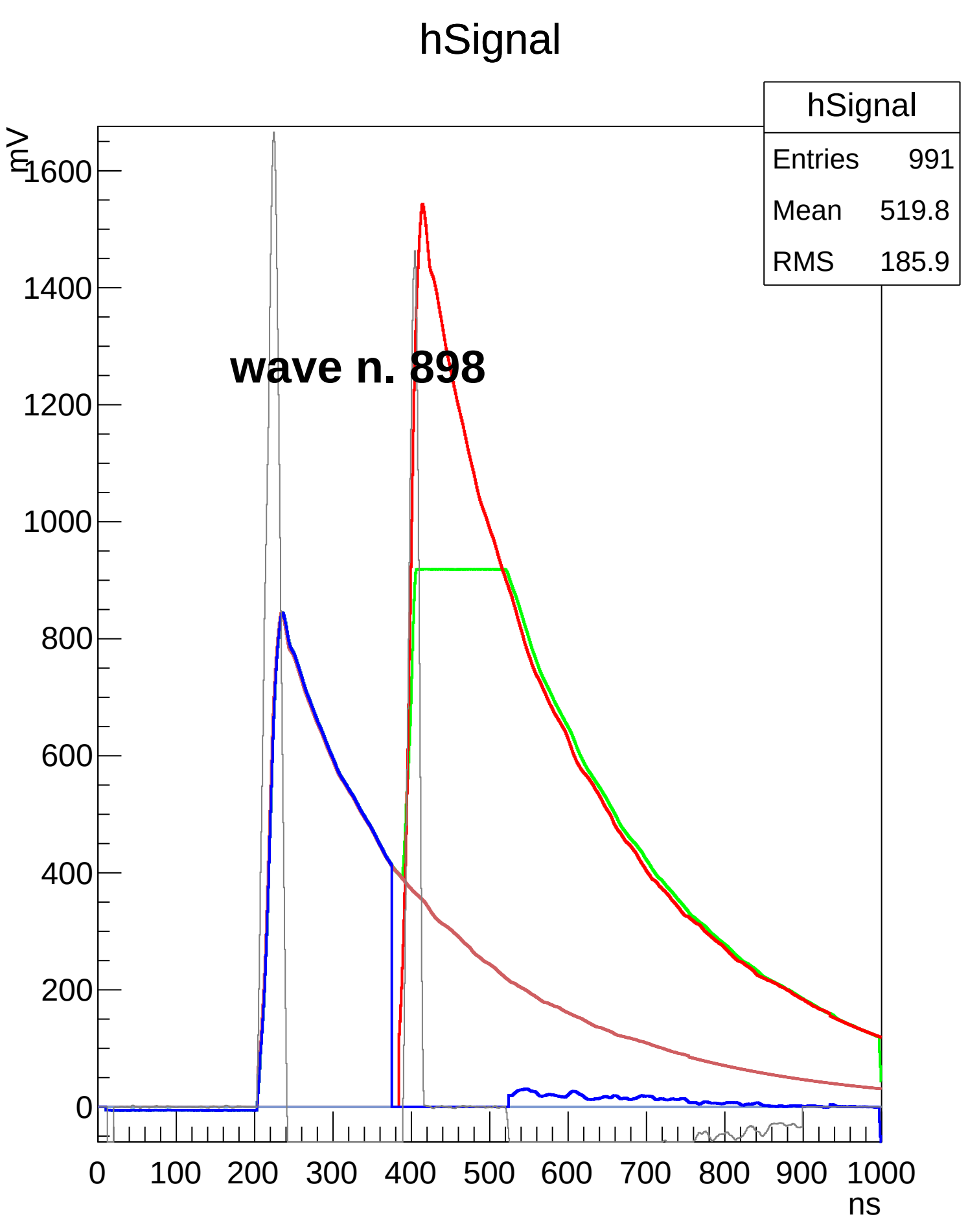
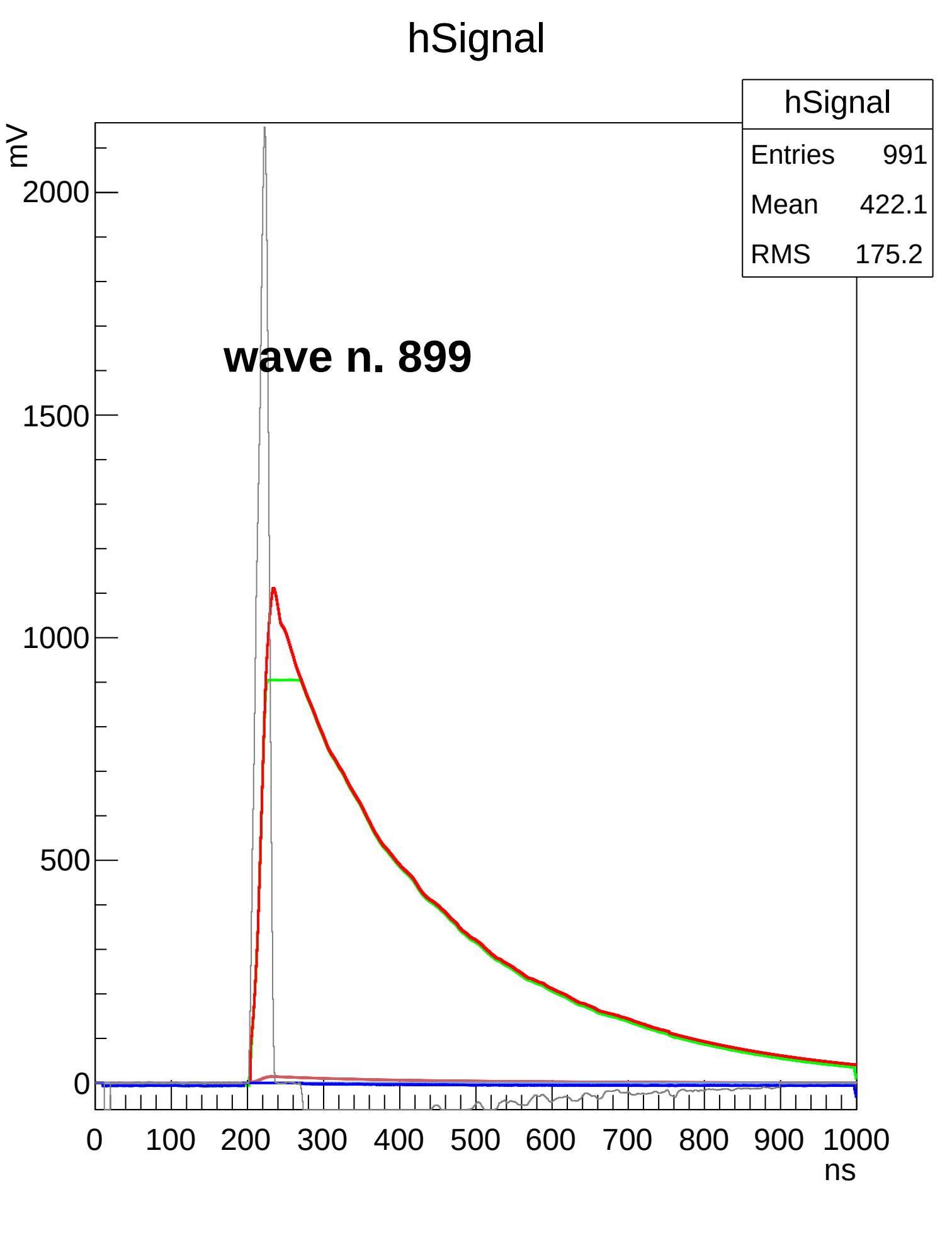
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 567.2
RMS 167.6
wave n. 897
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 519.8
RMS 185.9
wave n. 898
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
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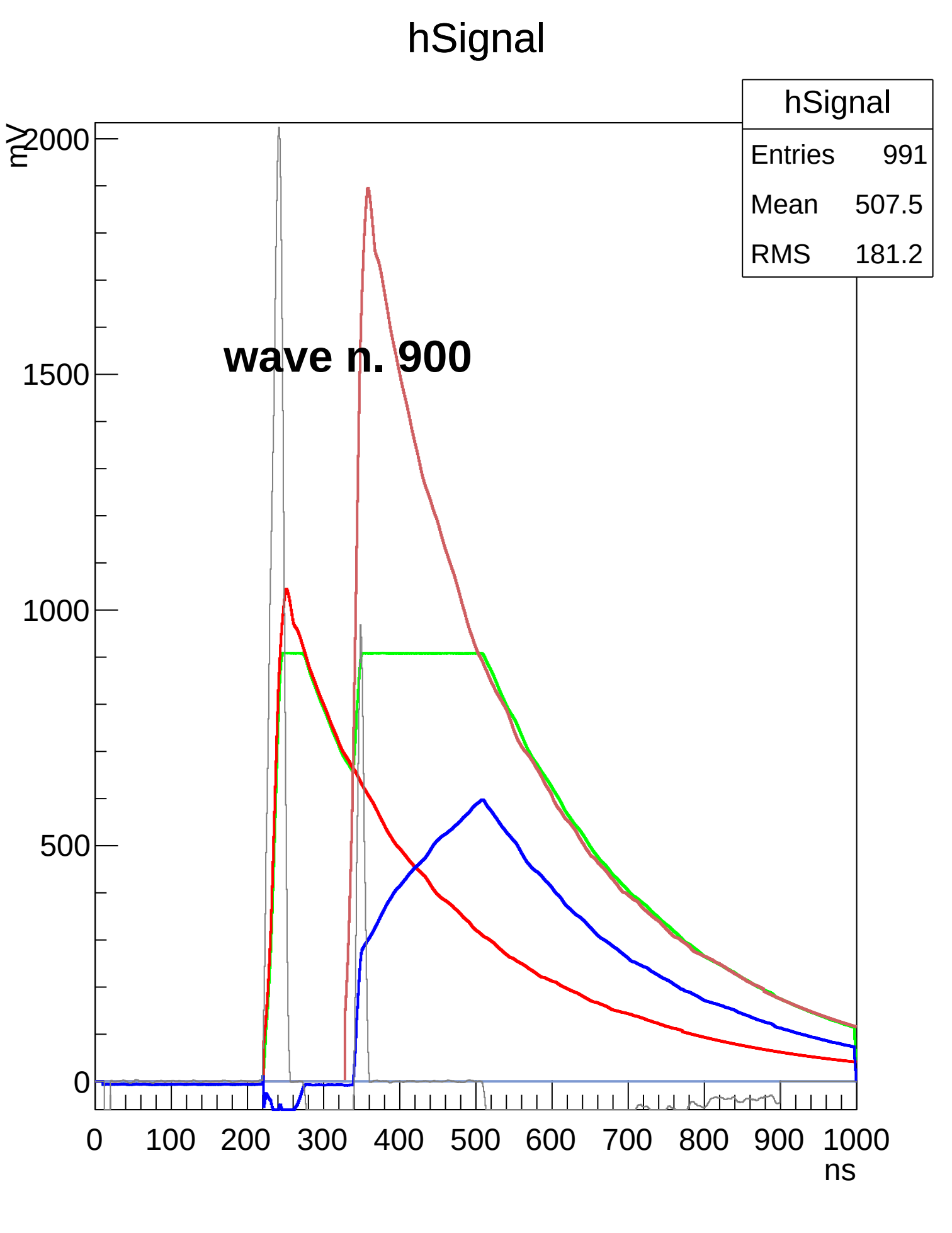
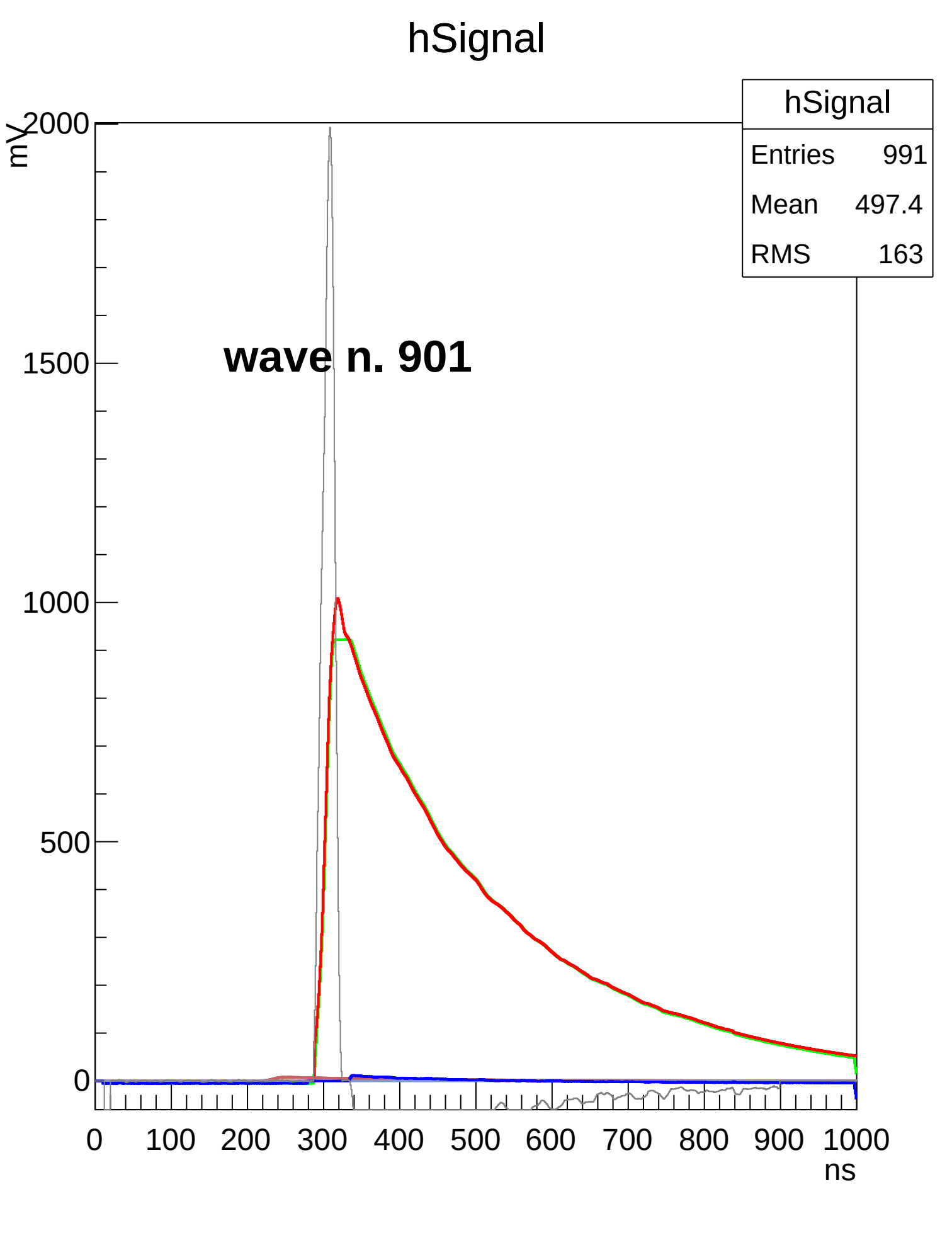
Entries 991
Mean 422.1
RMS 175.2
wave n. 899
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507.5
RMS 181.2
wave n. 900
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 497.4
RMS 163
wave n. 901
mV
2000
1500
1000
500
0
0
100
200
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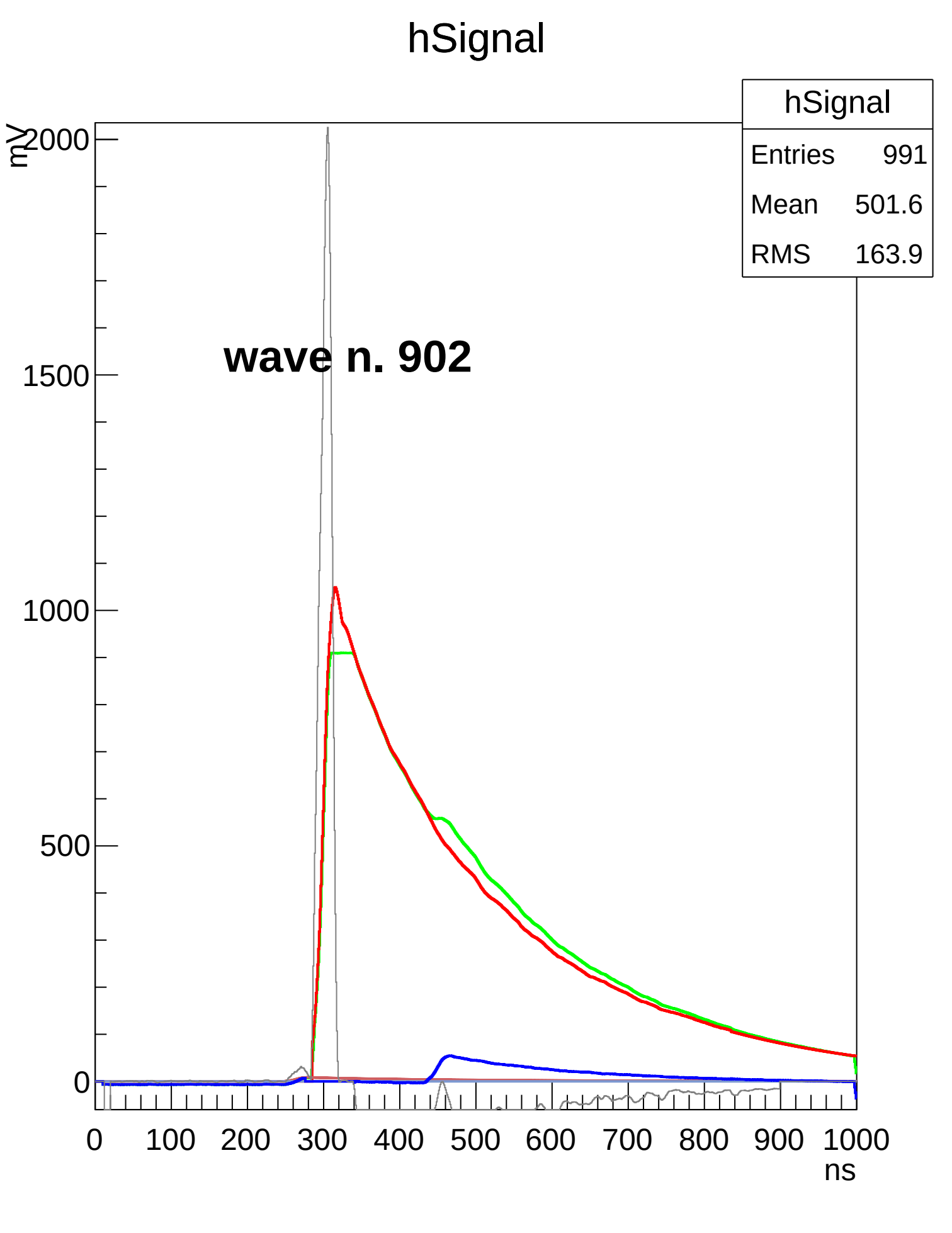
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 501.6
RMS 163.9
wave n. 902
mV
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1500
1000
500
0
0
100
200
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400
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600
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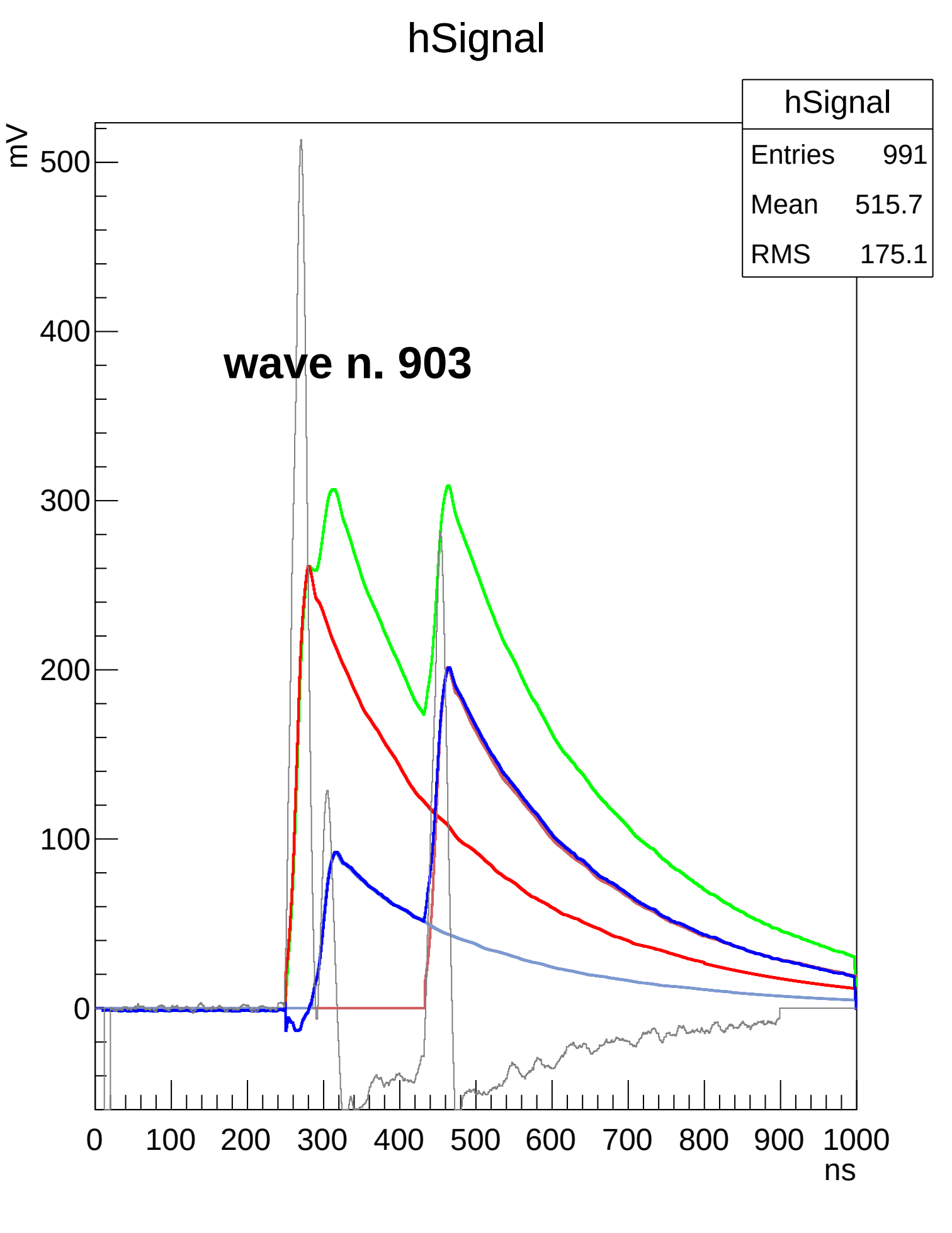
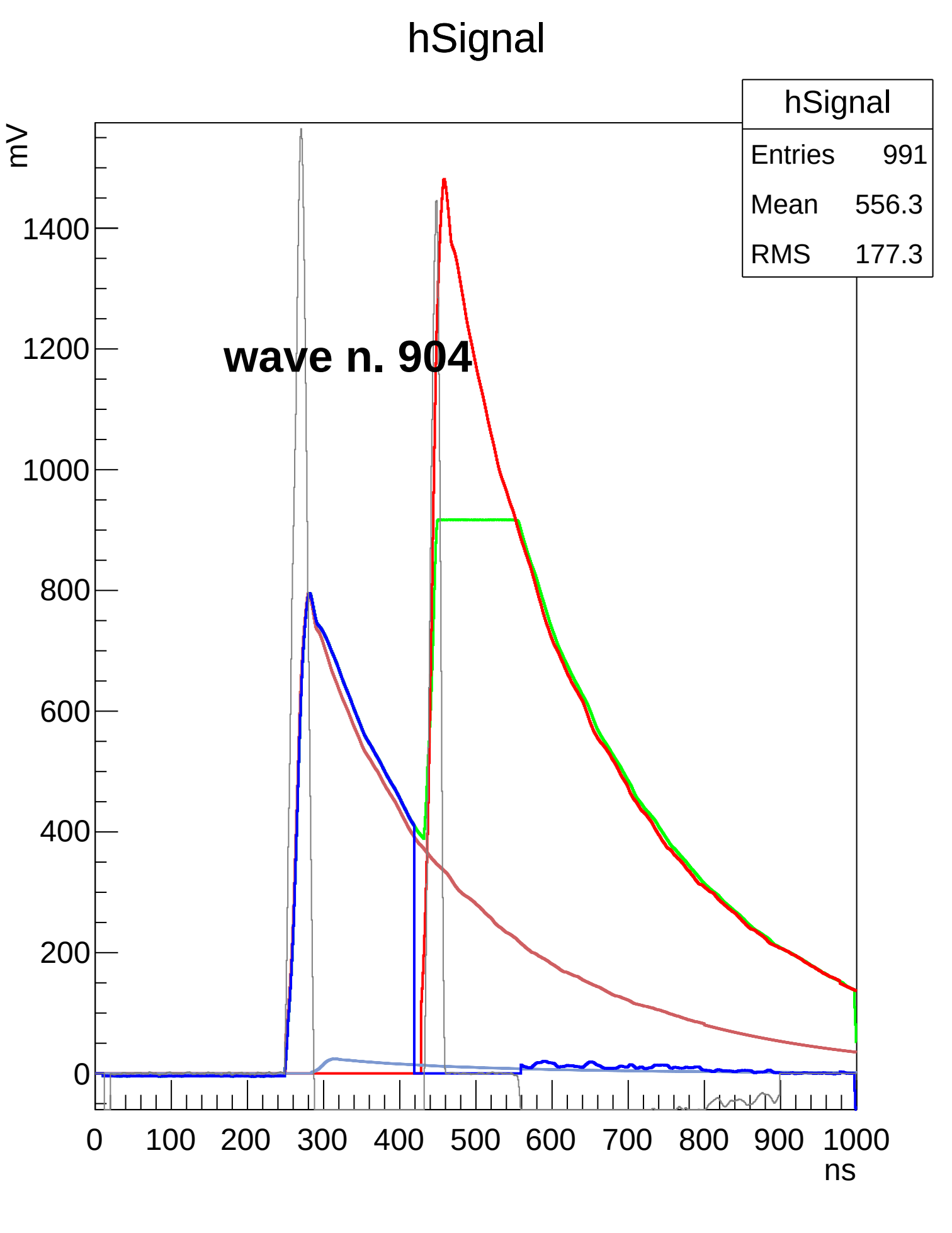
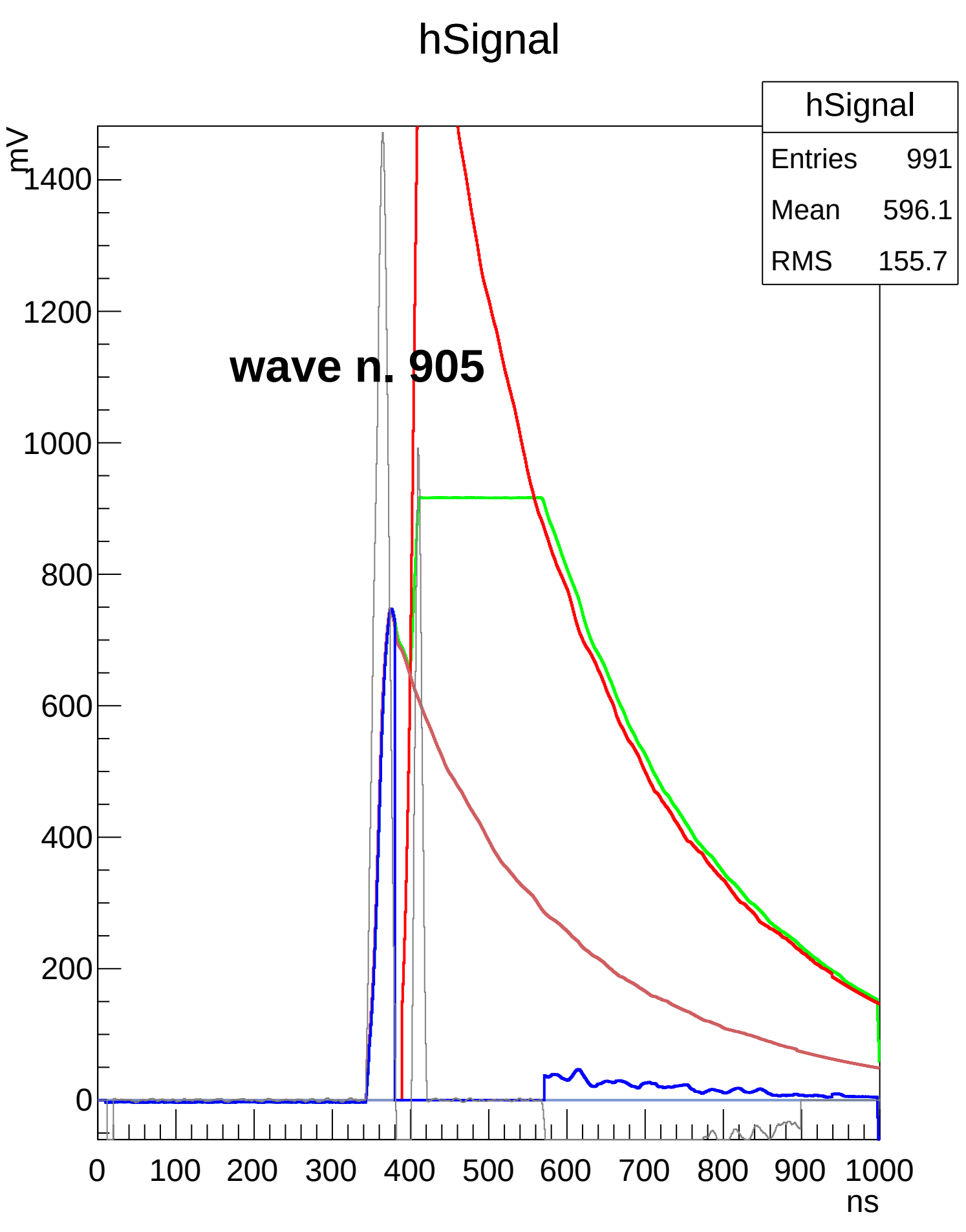
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.7
RMS 175.1
wave n. 903
mV
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.3
RMS 177.3
wave n. 904
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 596.1
RMS 155.7
wave n. 905
mV
1400
1200
1000
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600
400
200
0
0
100
200
300
400
500
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800
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1000
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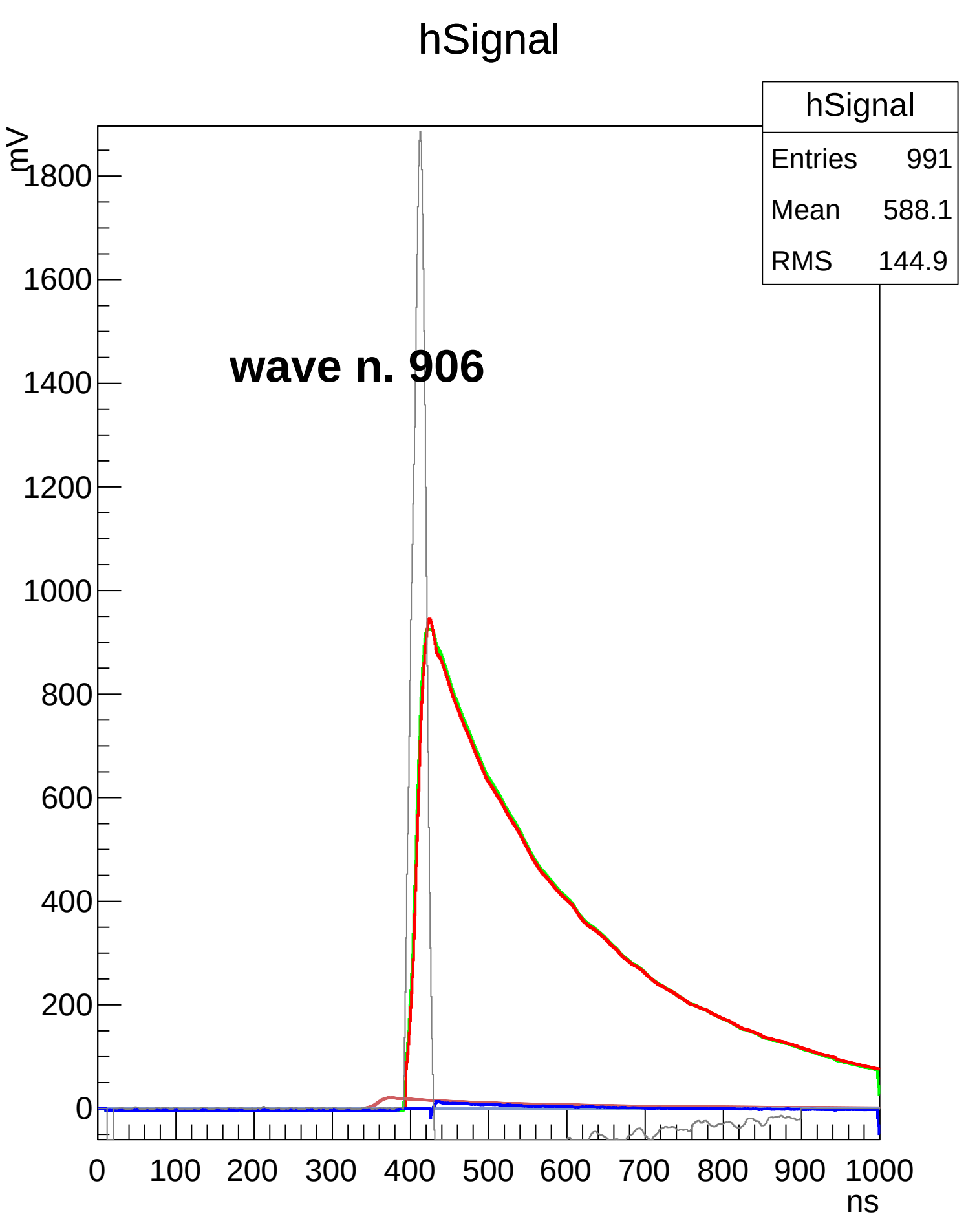
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hSignal
Entries 991
Mean 588.1
RMS 144.9
wave n. 906
mV
1800
1600
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1200
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600
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0
100
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1000
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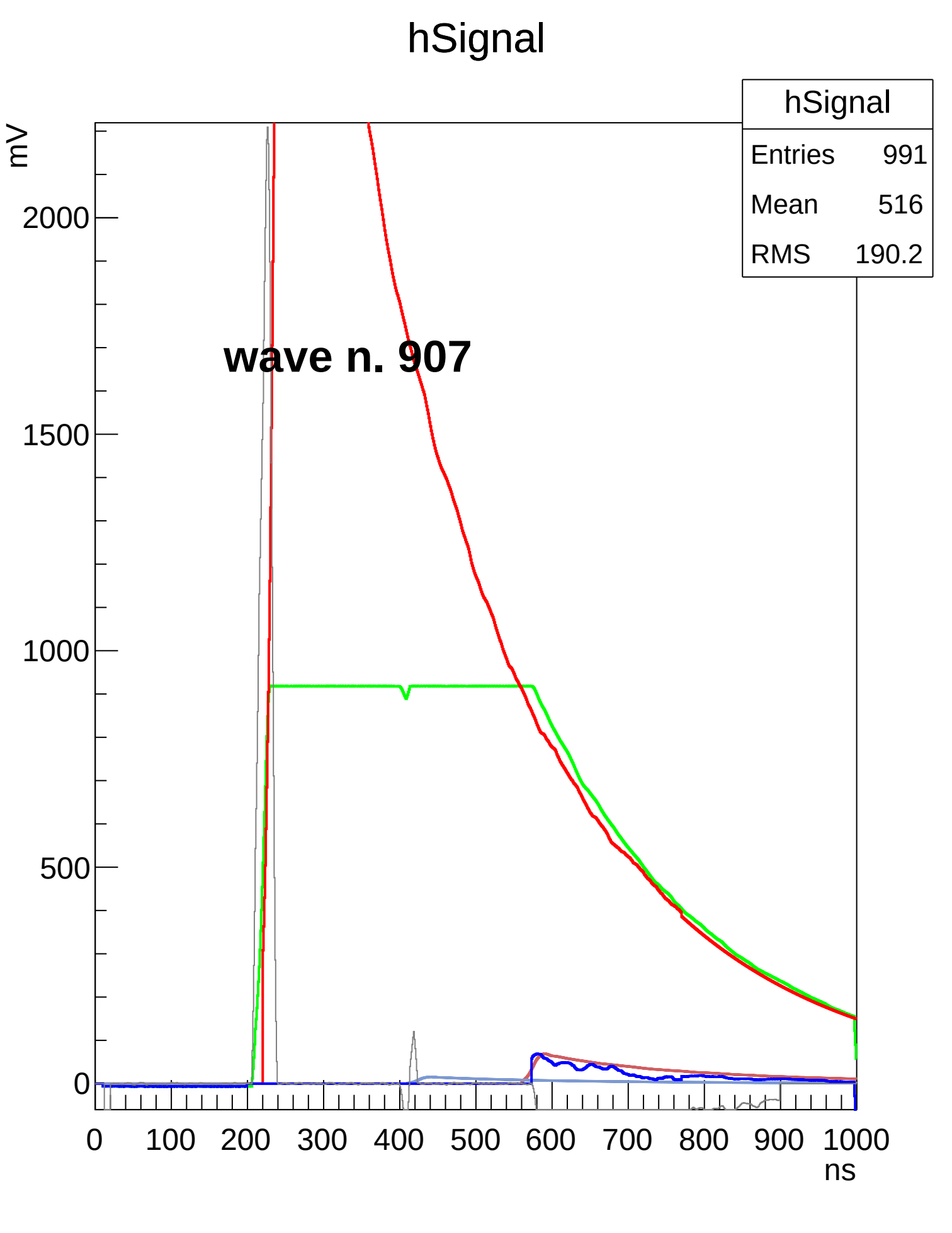
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hSignal
Entries 991
Mean 516
RMS 190.2
wave n. 907
mV
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1500
1000
500
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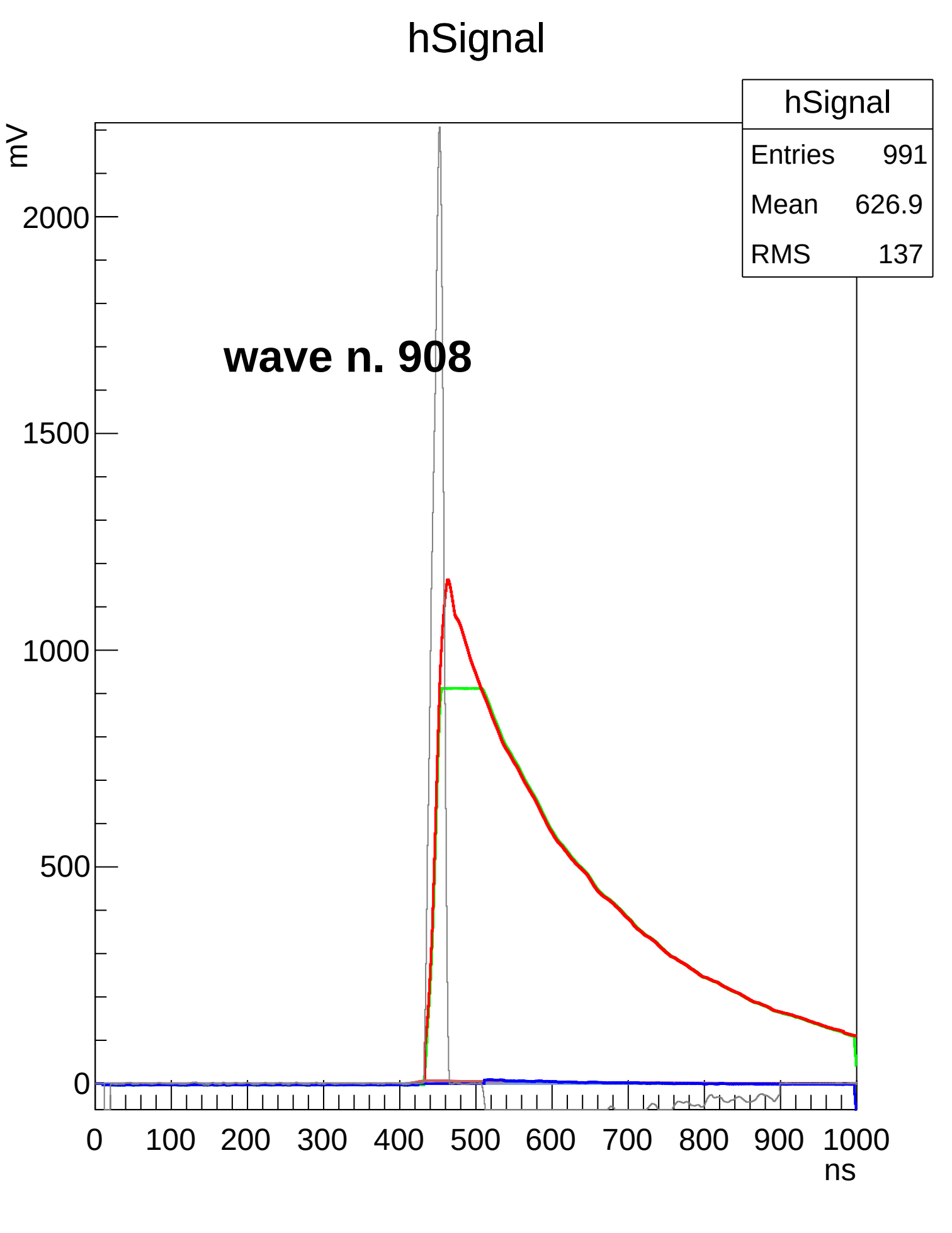
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 626.9
RMS 137
wave n. 908
mV
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1500
1000
500
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100
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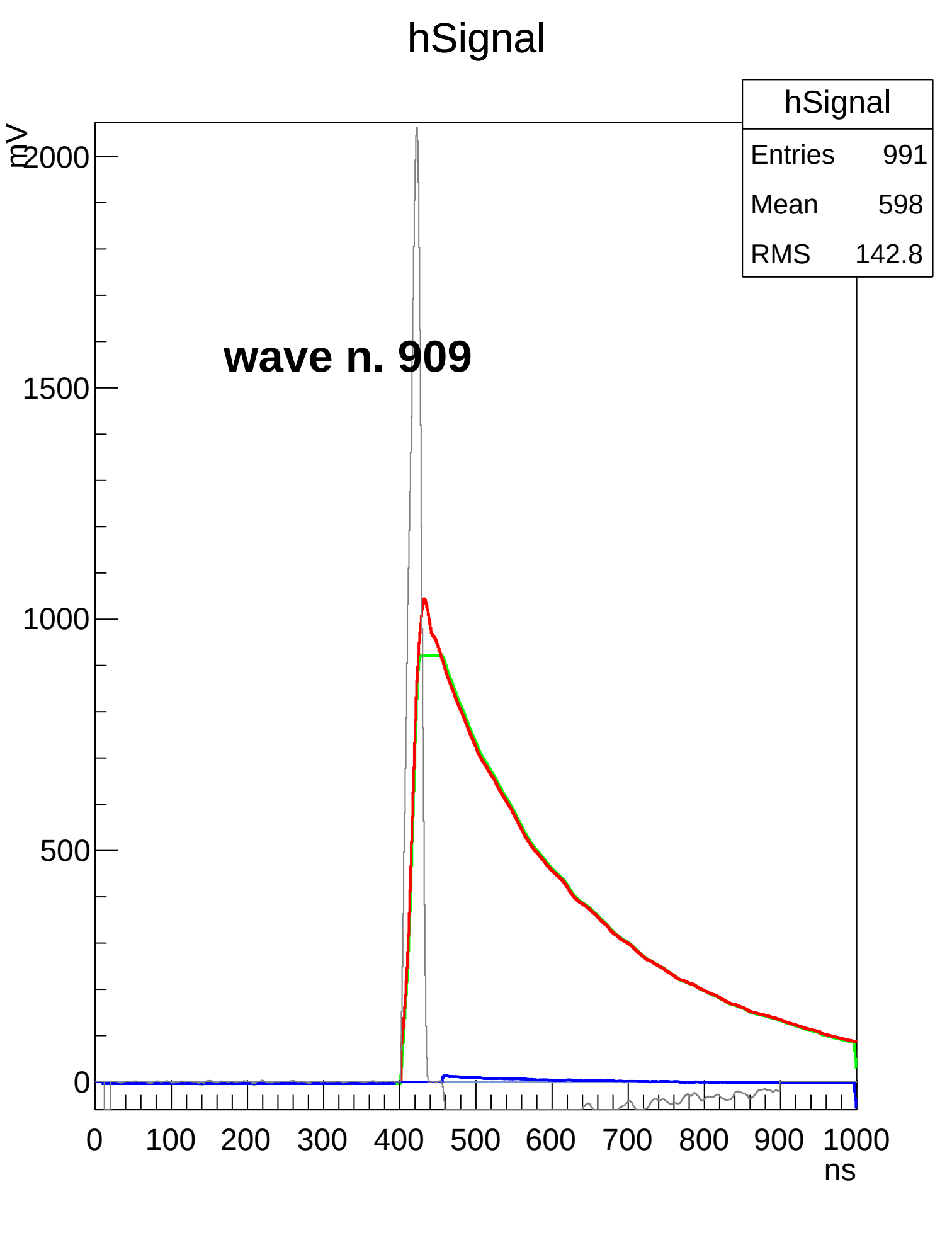
900
1000
ns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hSignal
Entries 991
Mean 598
RMS 142.8
wave n. 909
mV
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1000
500
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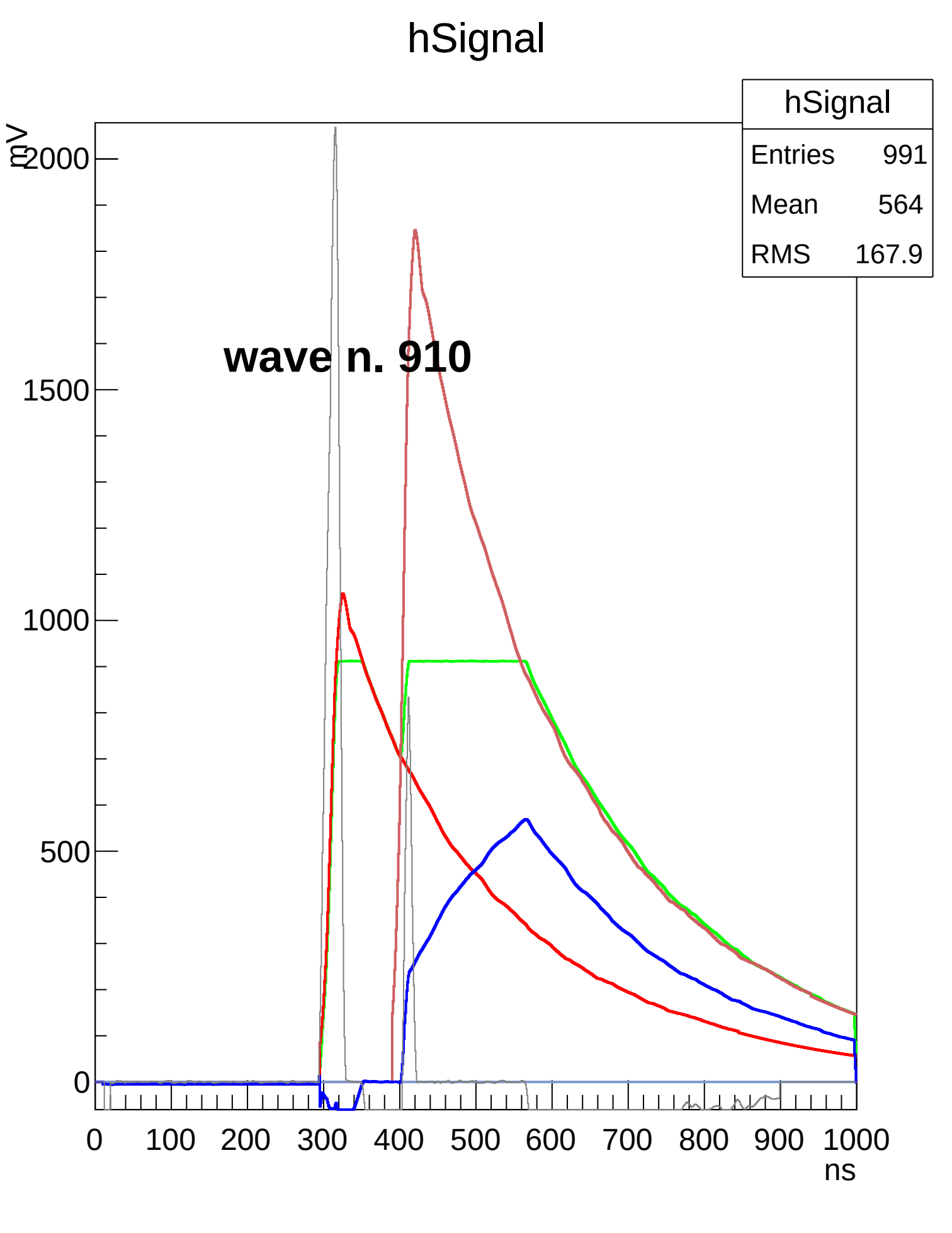
ns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hSignal
Entries 991
Mean 564
RMS 167.9
wave n. 910
mV
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1500
1000
500
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0
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200
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400
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800
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1000
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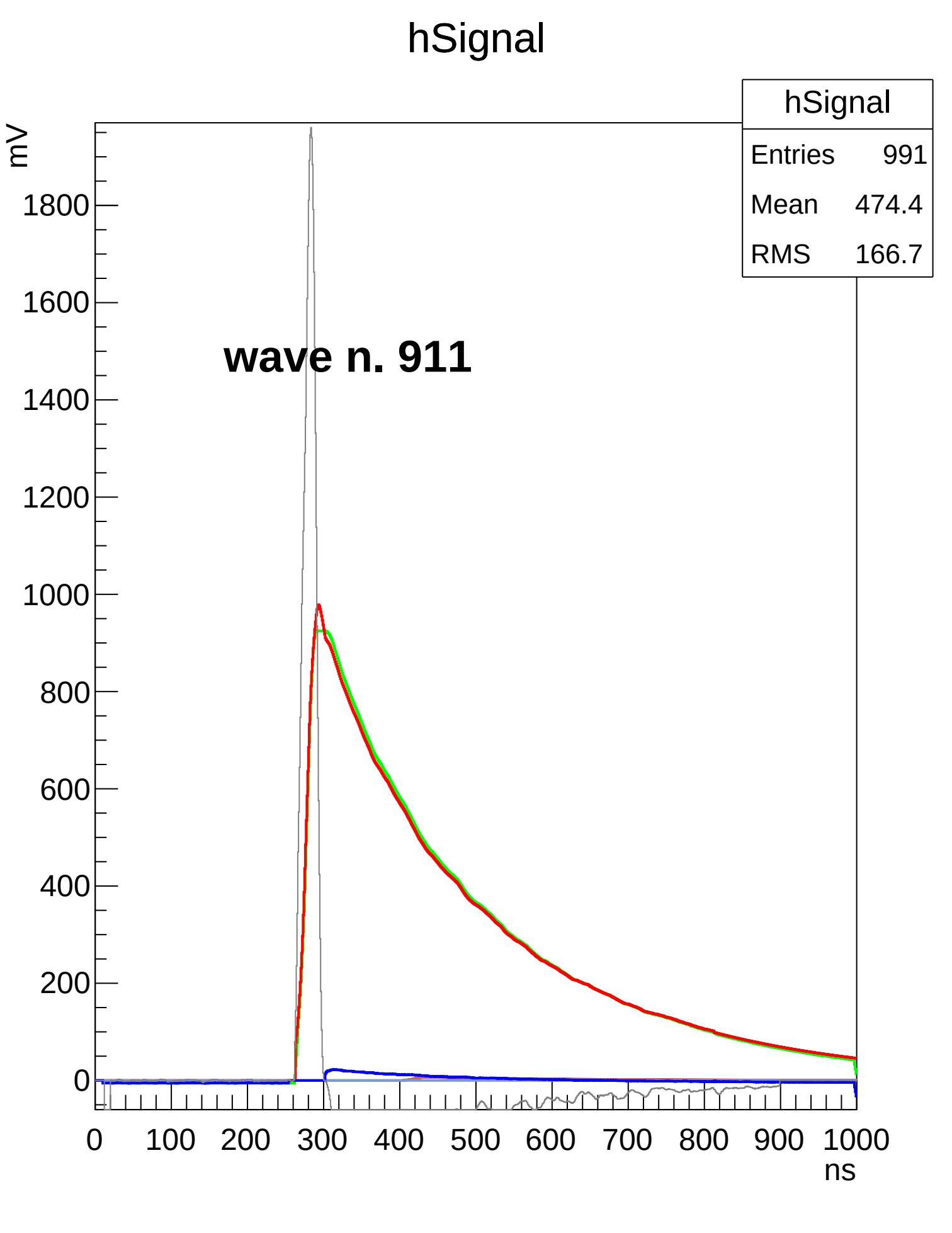
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hSignal
Entries 991
Mean 474.4
RMS 166.7
wave n. 911
mV
1800
1600
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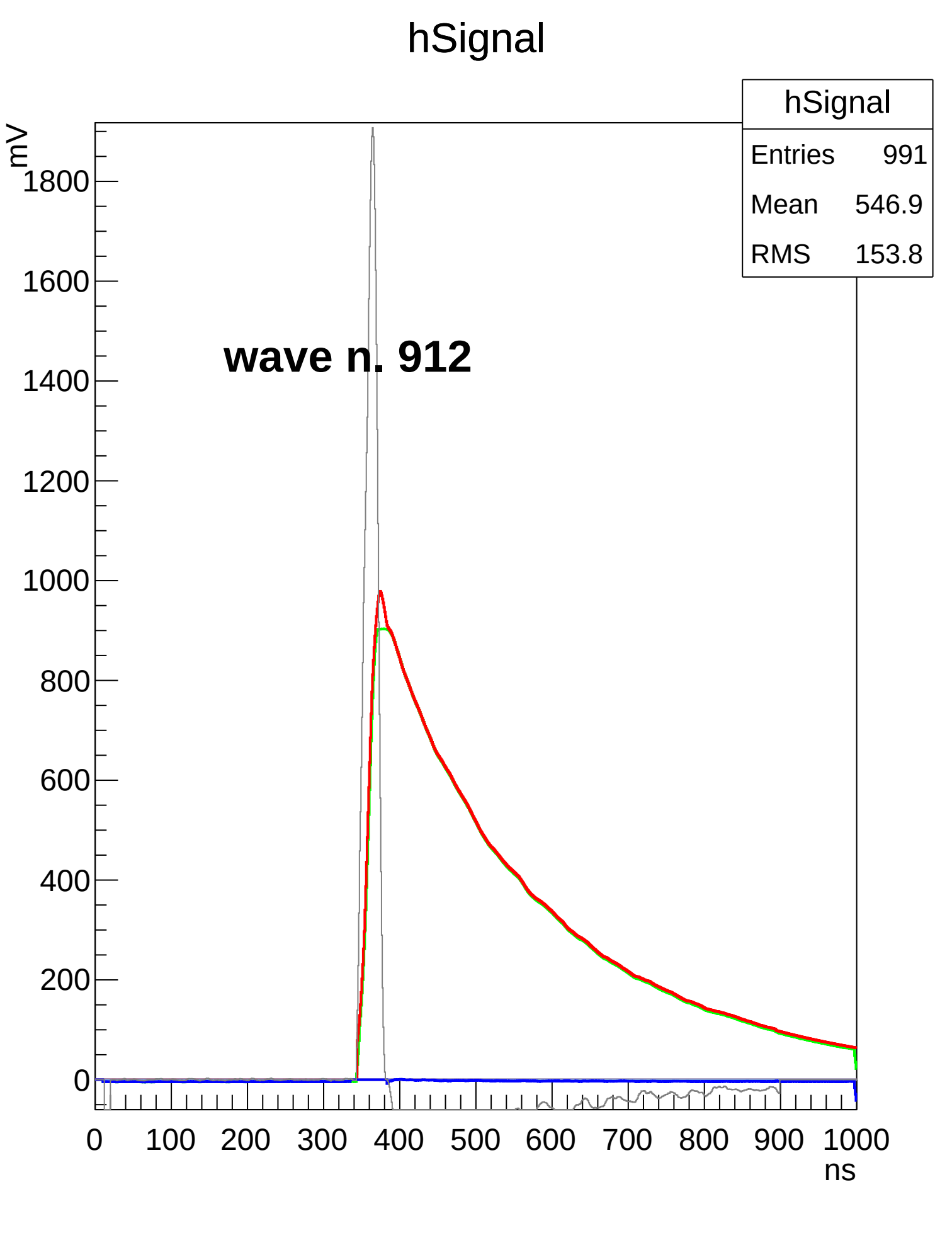
1000
ns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hSignal
Entries 991
Mean 546.9
RMS 153.8
wave n. 912
mV
1800
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600
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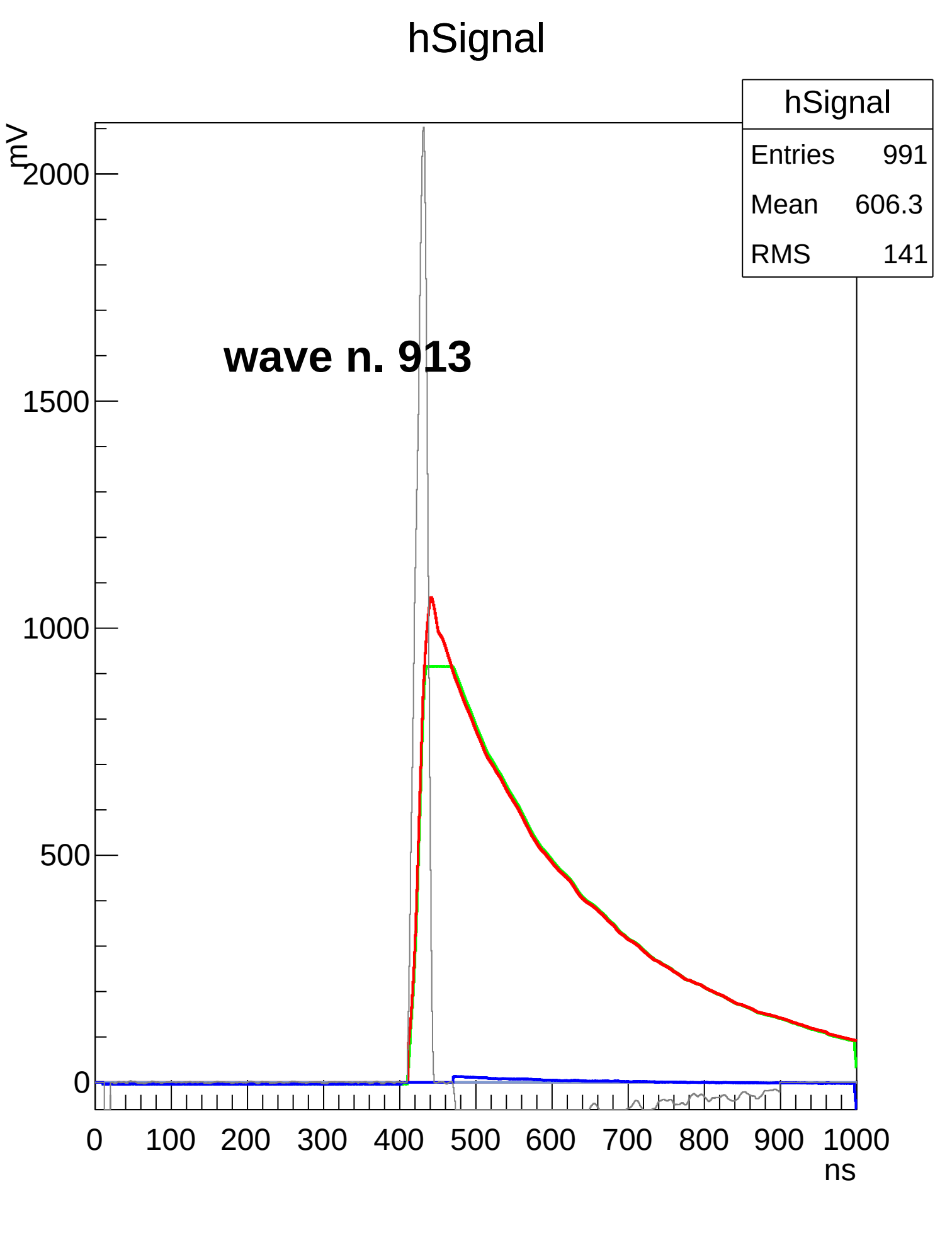
1000
ns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hSignal
Entries 991
Mean 606.3
RMS 141
wave n. 913
mV
2000
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1000
500
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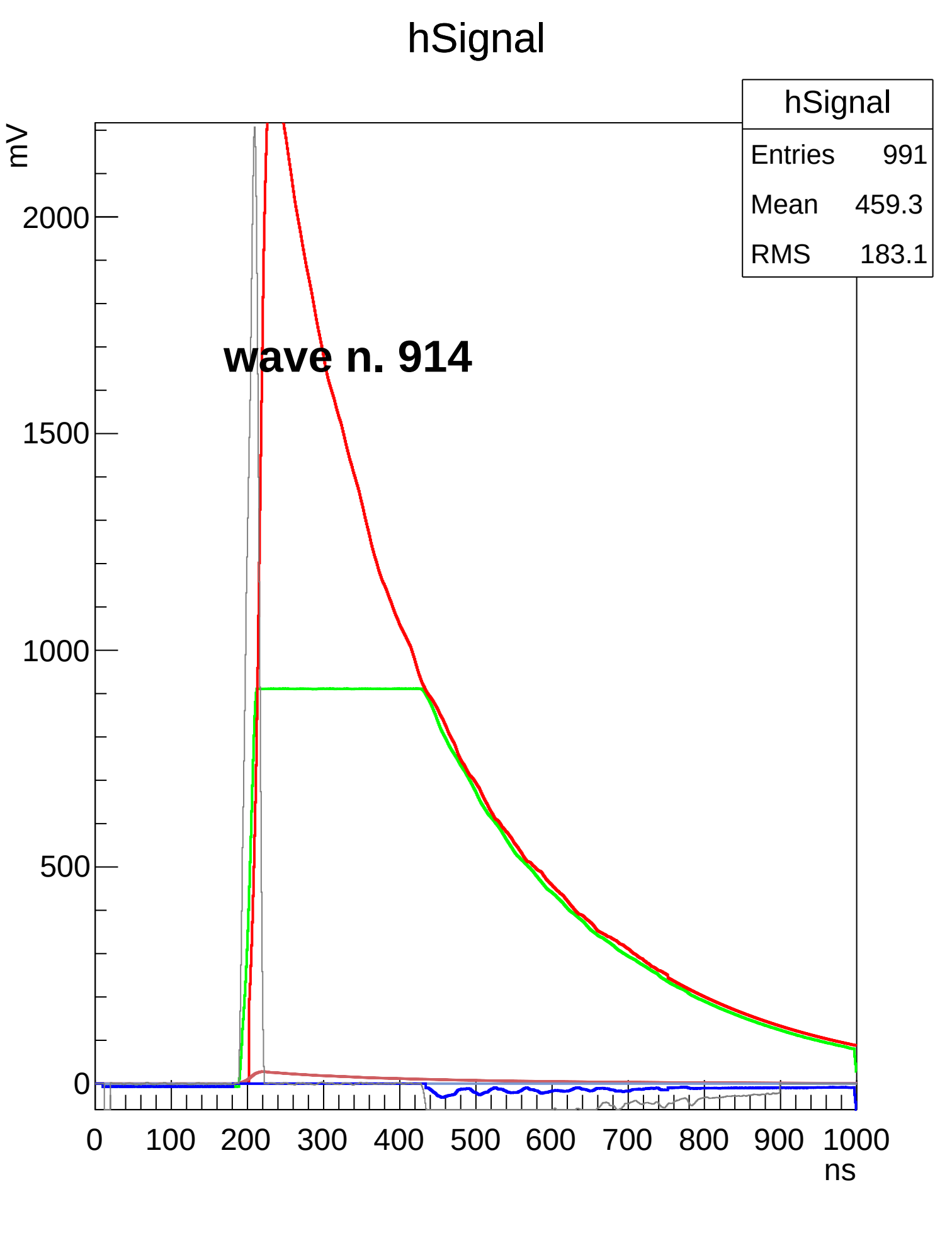
ns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hSignal
Entries 991
Mean 459.3
RMS 183.1
wave n. 914
mV
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1000
500
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0
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400
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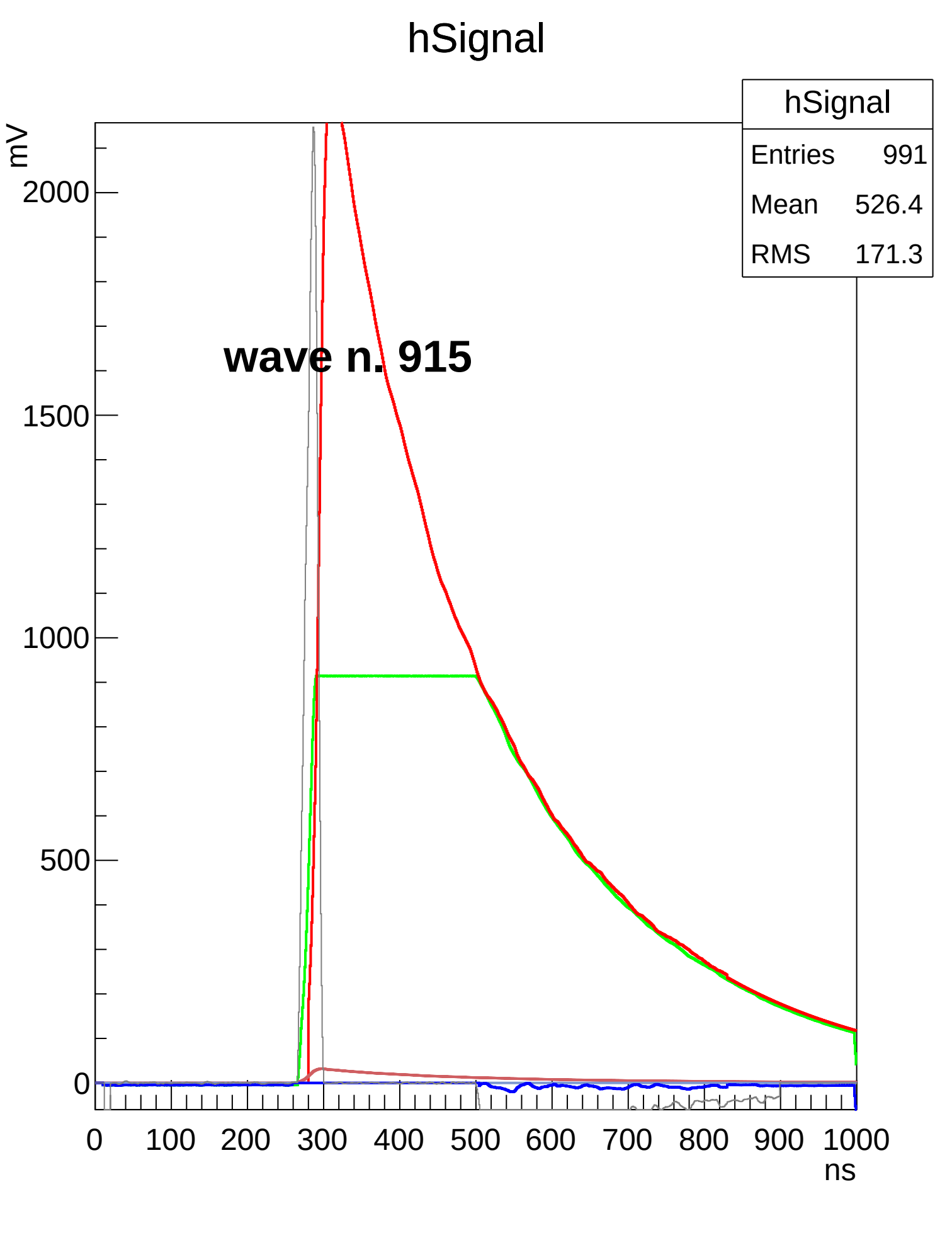
800
900
1000
ns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hSignal
Entries 991
Mean 526.4
RMS 171.3
wave n. 915
mV
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1000
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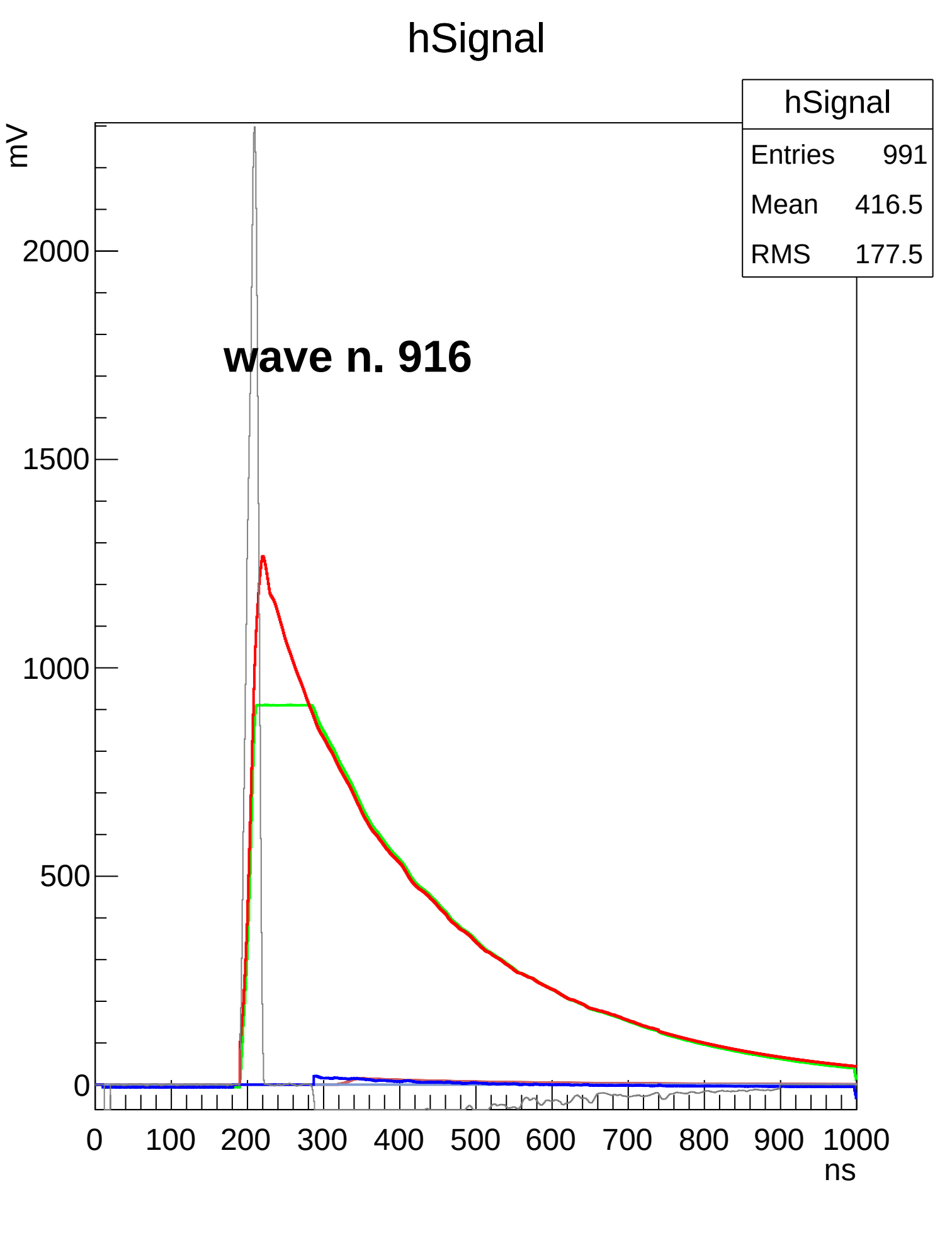
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hSignal
Entries 991
Mean 416.5
RMS 177.5
wave n. 916
mV
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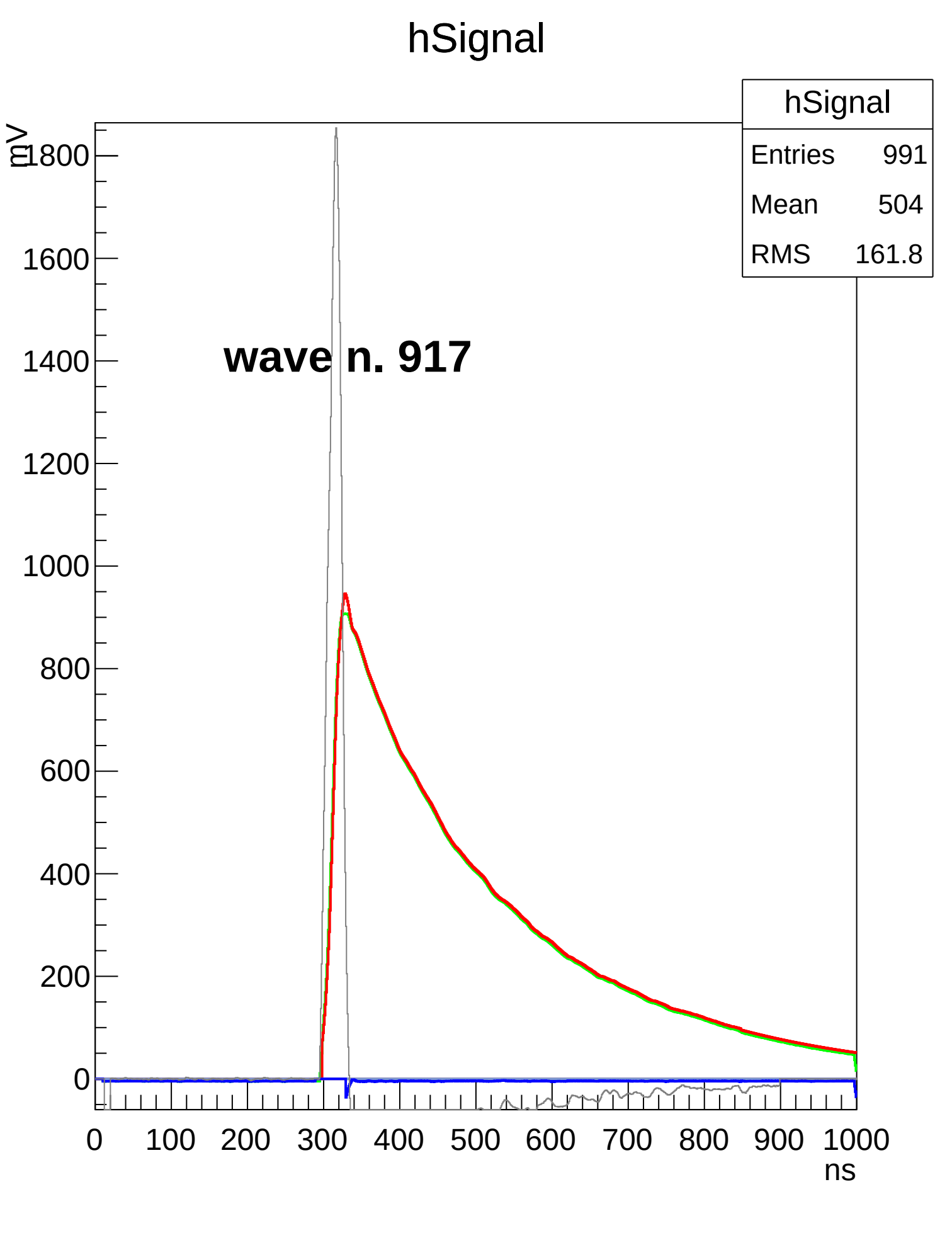
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hSignal
Entries 991
Mean 504
RMS 161.8
wave n. 917
mV
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1600
1400
1200
1000
800
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400
200
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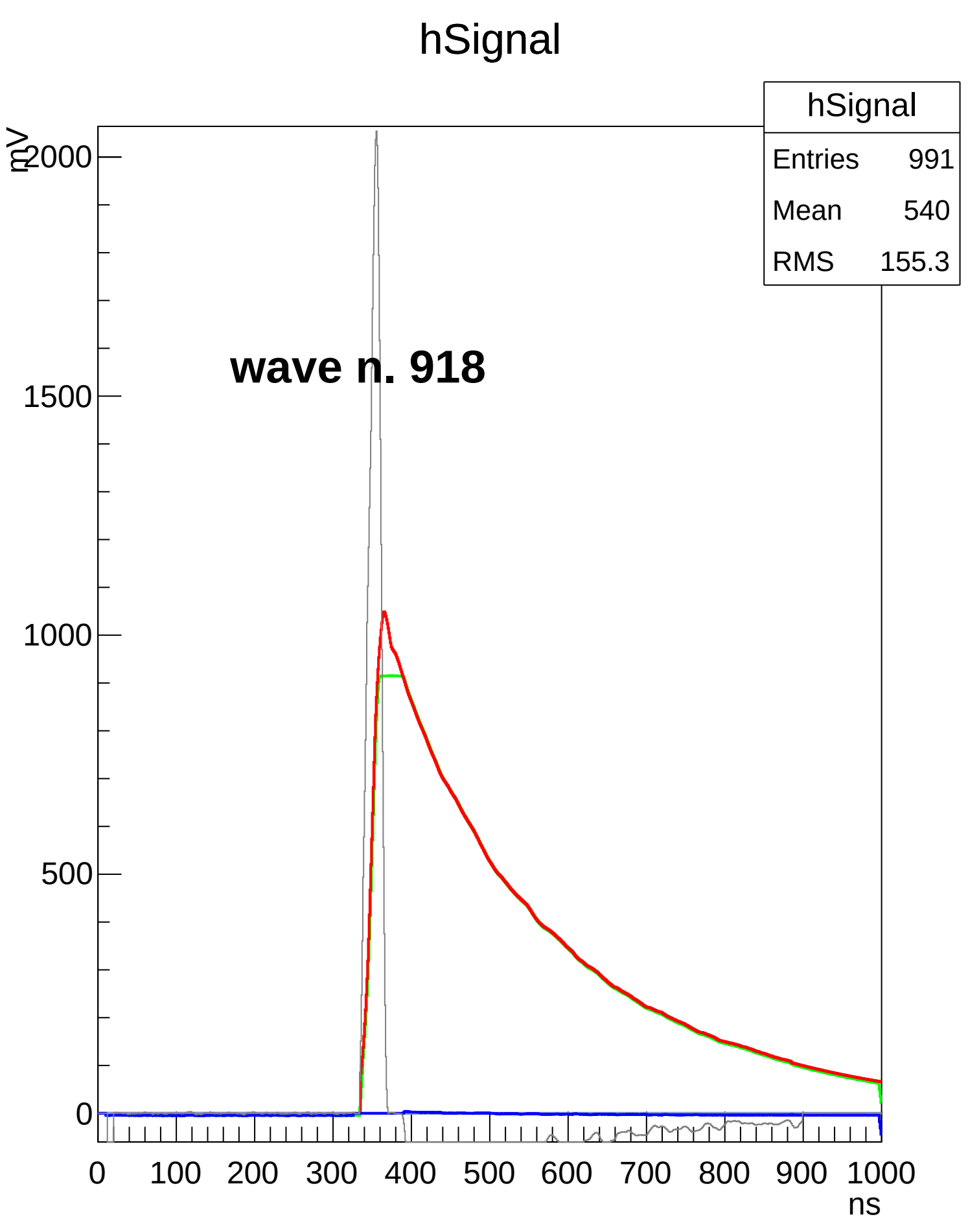
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 540
RMS 155.3
wave n. 918
mV
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1500
1000
500
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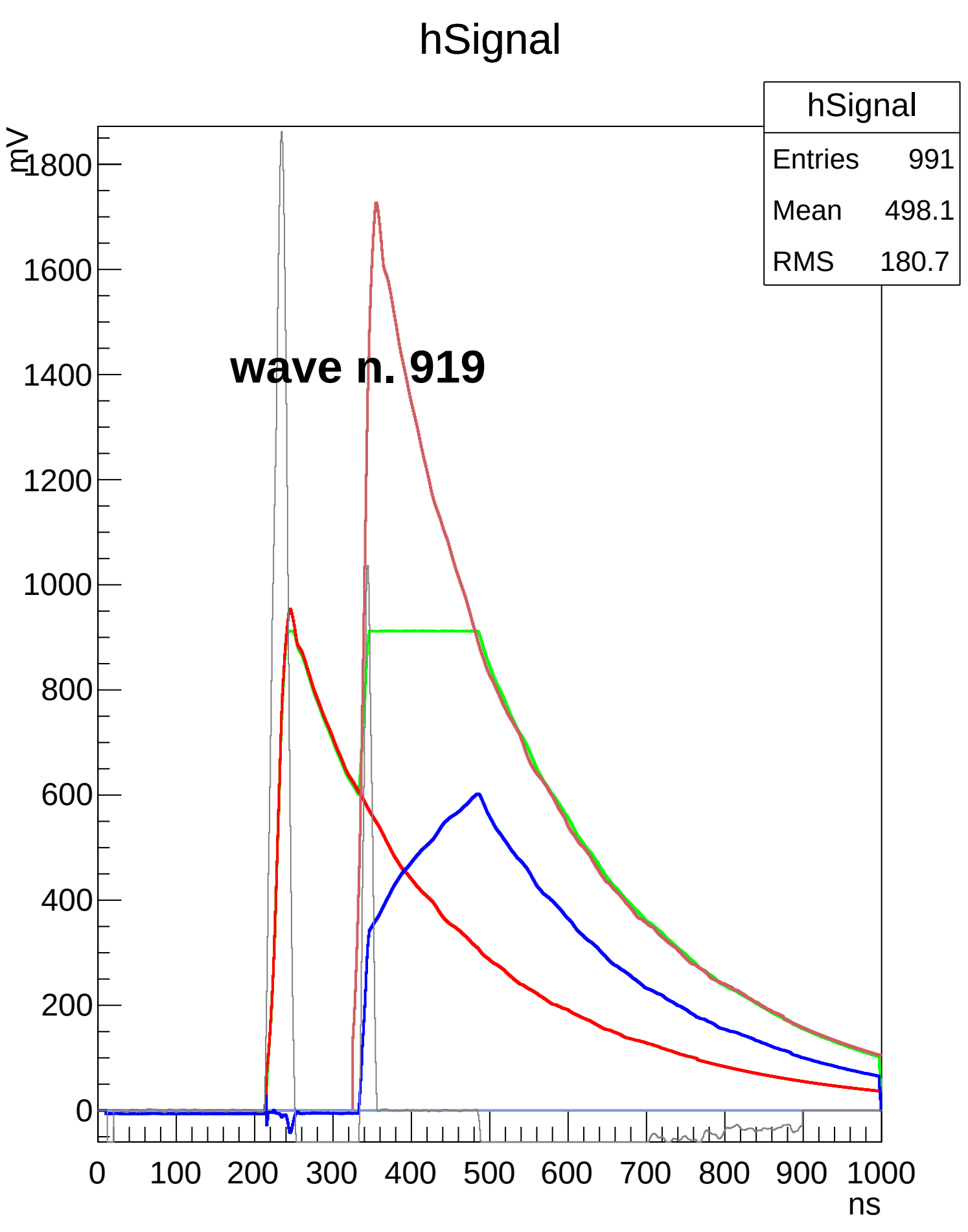
ns


hSignal
hSignal
Entries 991
Mean 498.1
RMS 180.7
wave n. 919
mV
1800
1600
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200
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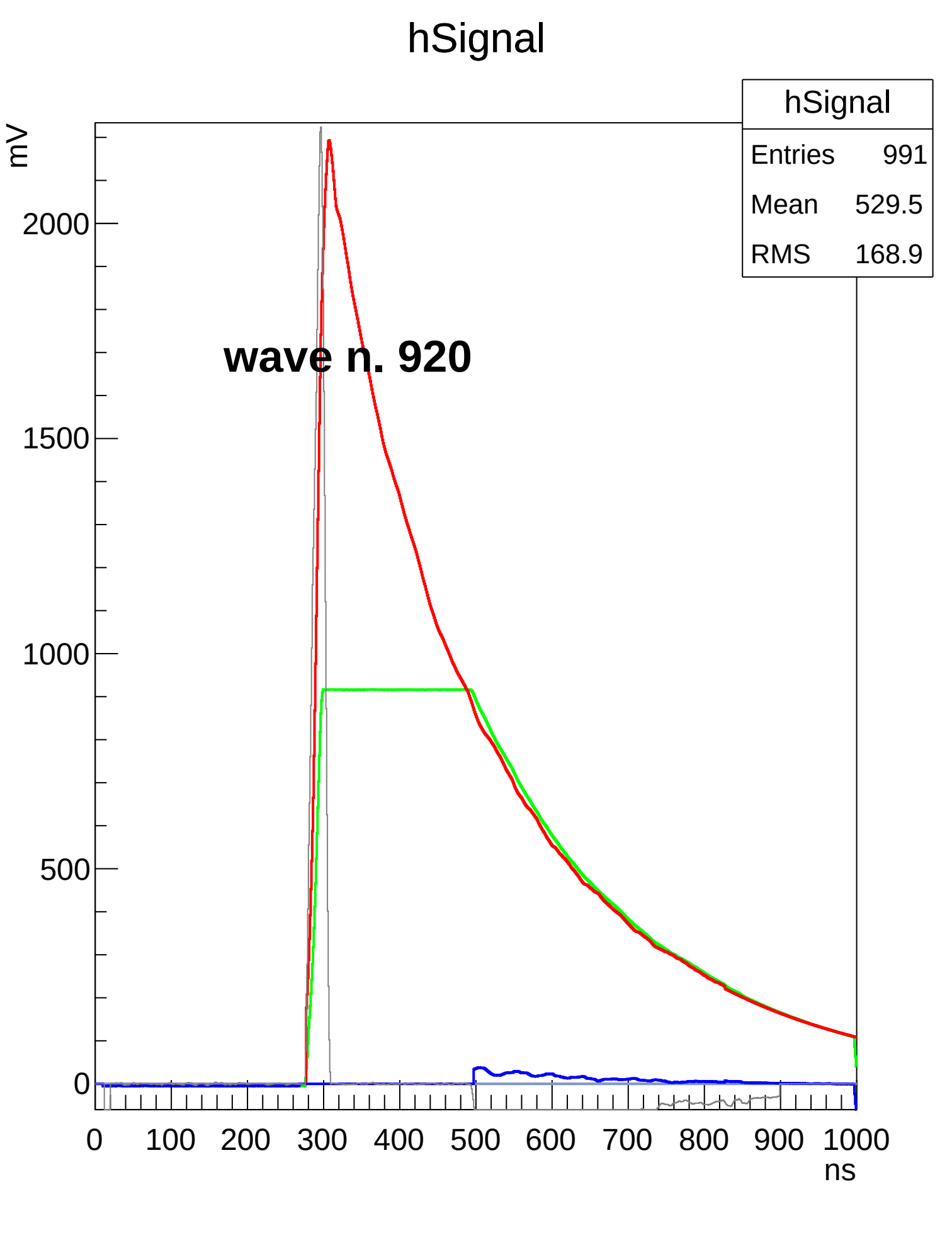
1000
ns


hSignal
hSignal
Entries 991
Mean 529.5
RMS 168.9
wave n. 920
mV
2000
1500
1000
500
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0
100
200
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400
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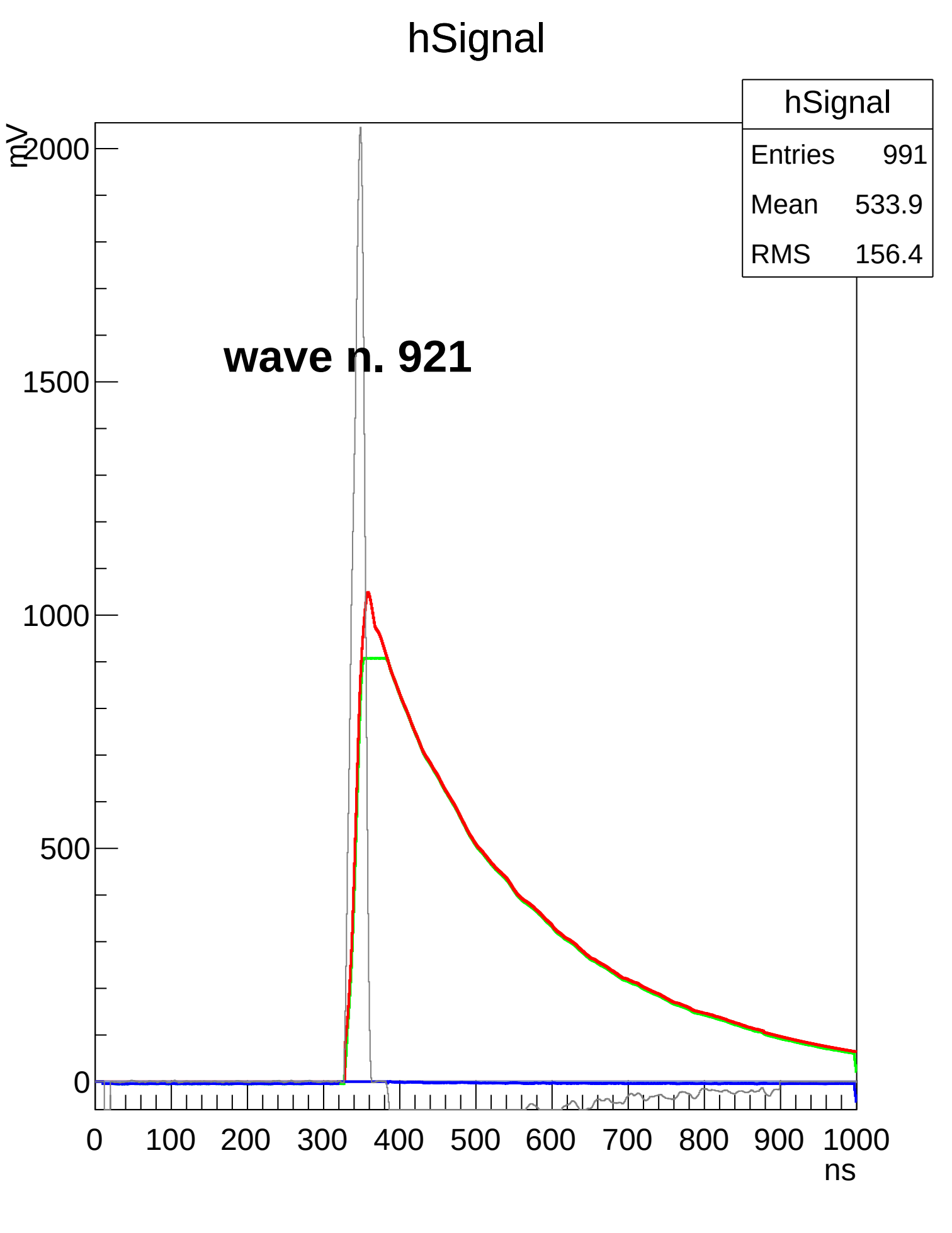
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 533.9
RMS 156.4
wave n. 921
mV
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800
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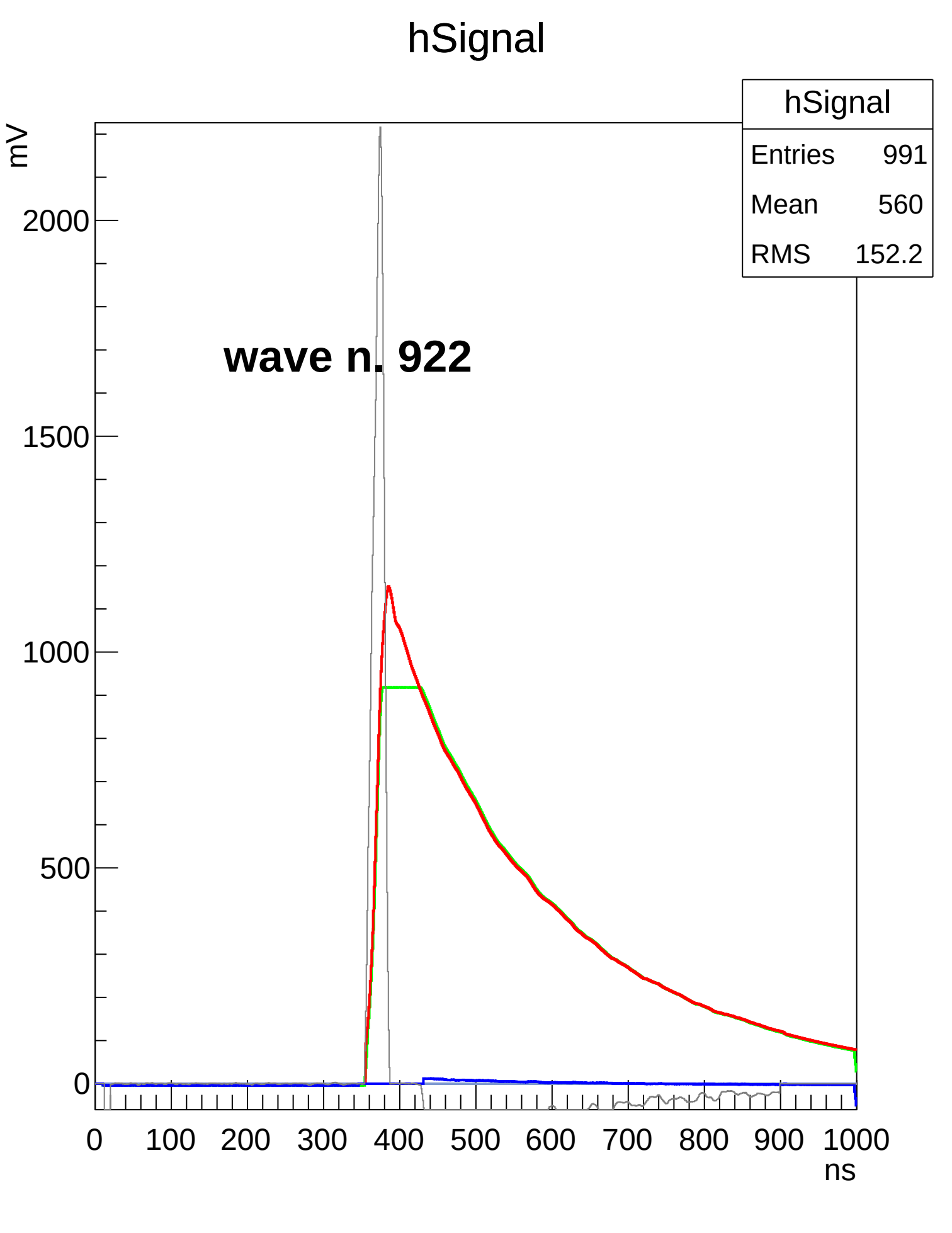
1000
ns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hSignal
Entries 991
Mean 560
RMS 152.2
wave n. 922
mV
2000
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1000
500
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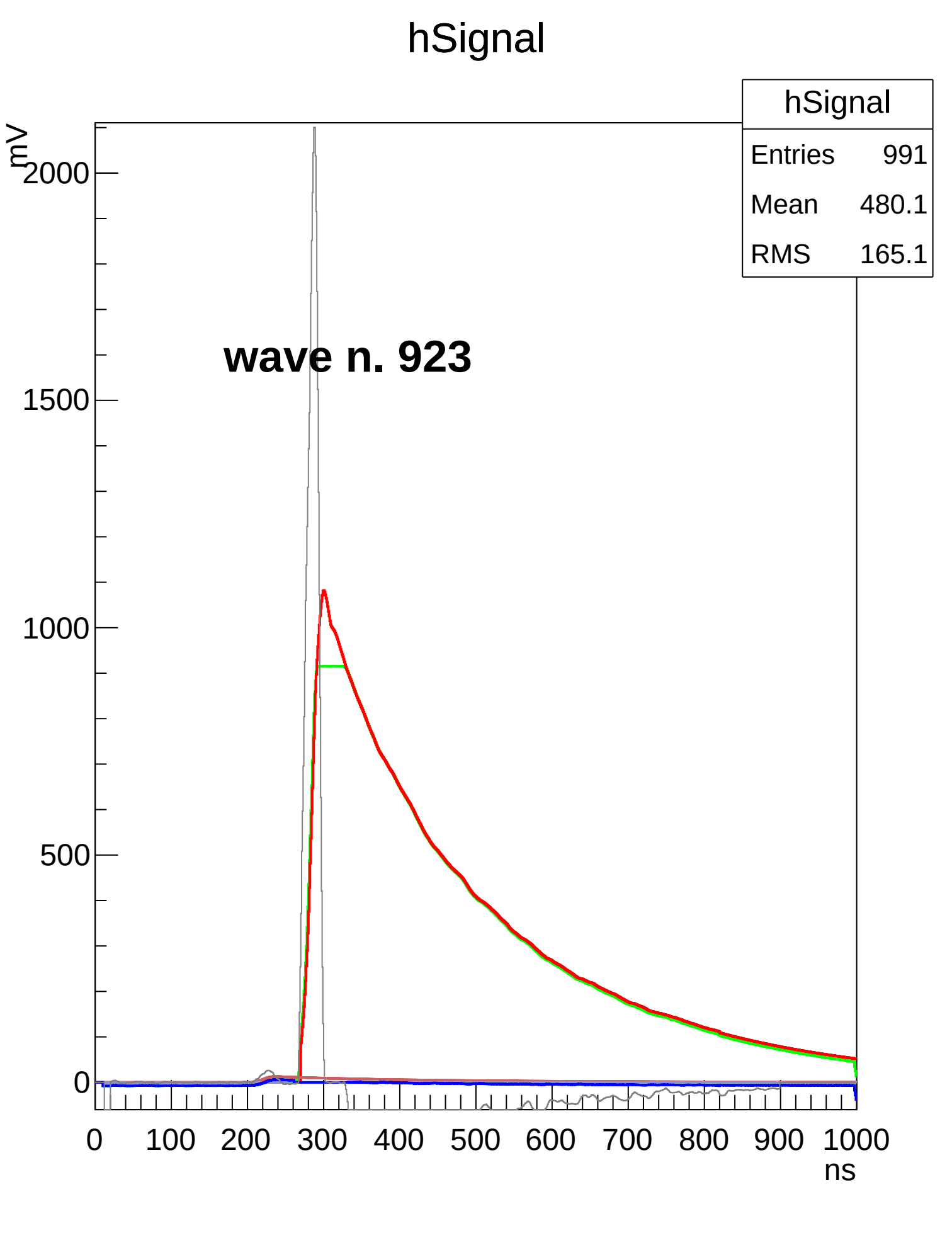
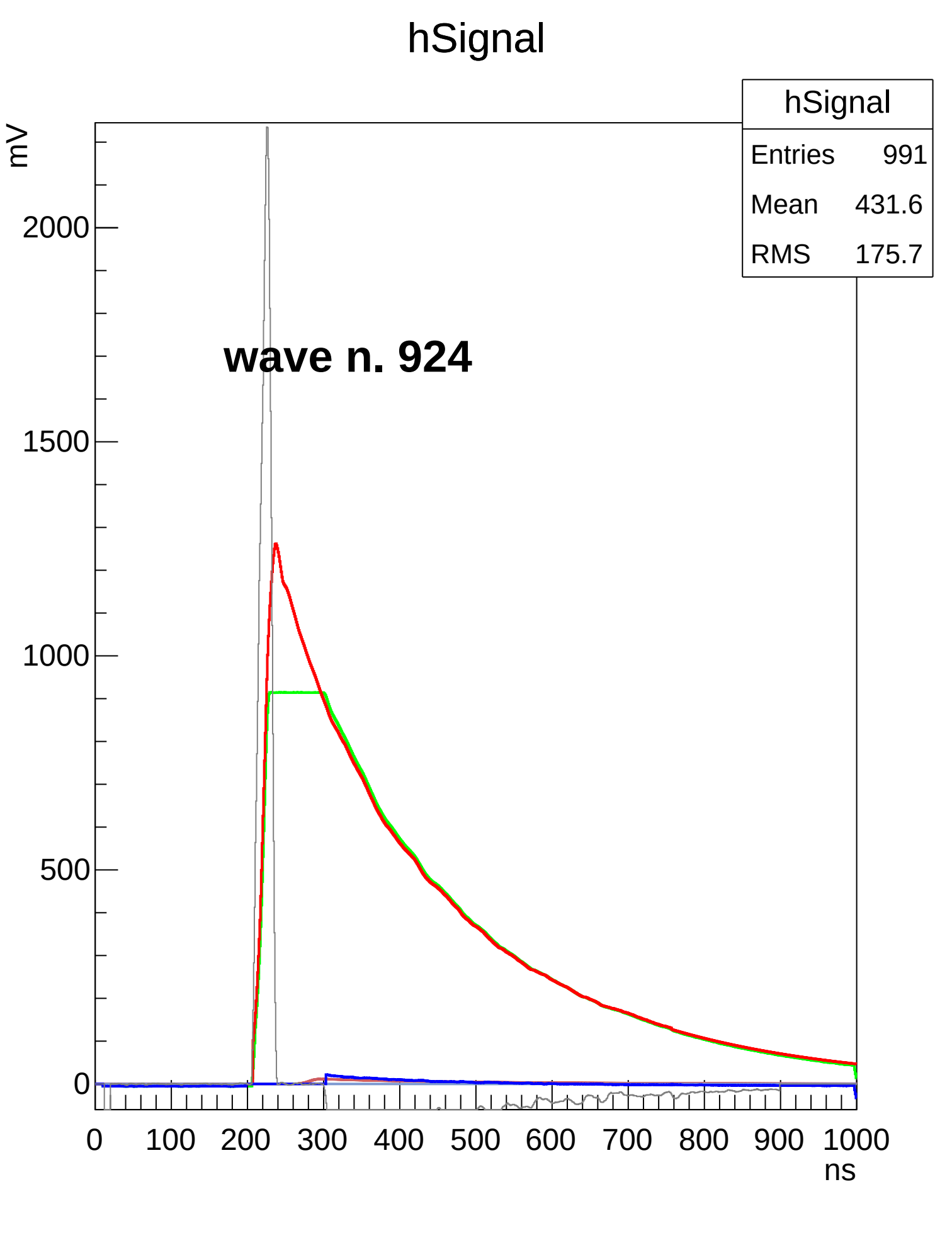
ns


hSignal
hSignal
Entries 991
Mean 480.1
RMS 165.1
wave n. 923
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 431.6
RMS 175.7
wave n. 924
mV
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1500
1000
500
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0
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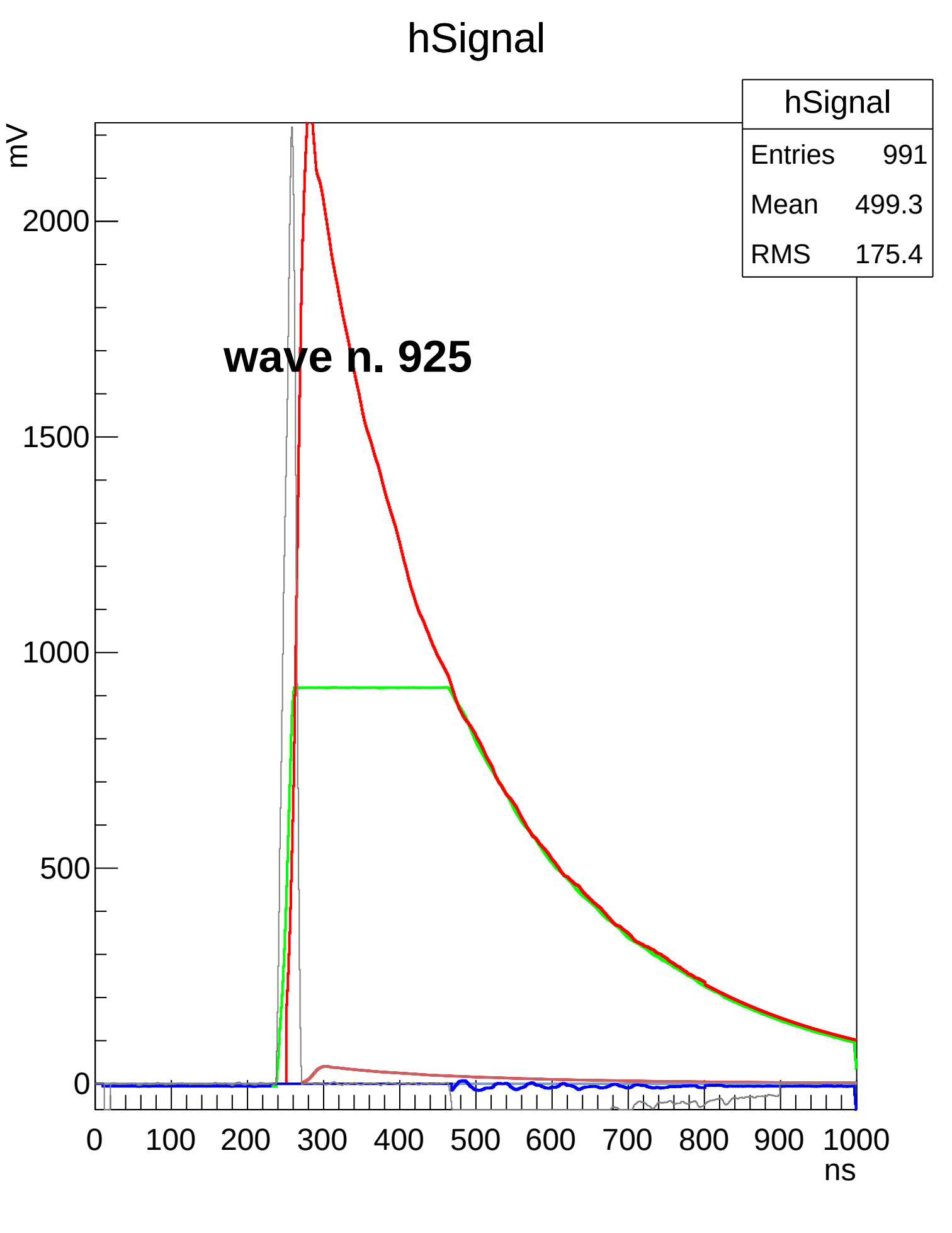
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 499.3
RMS 175.4
wave n. 925
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400
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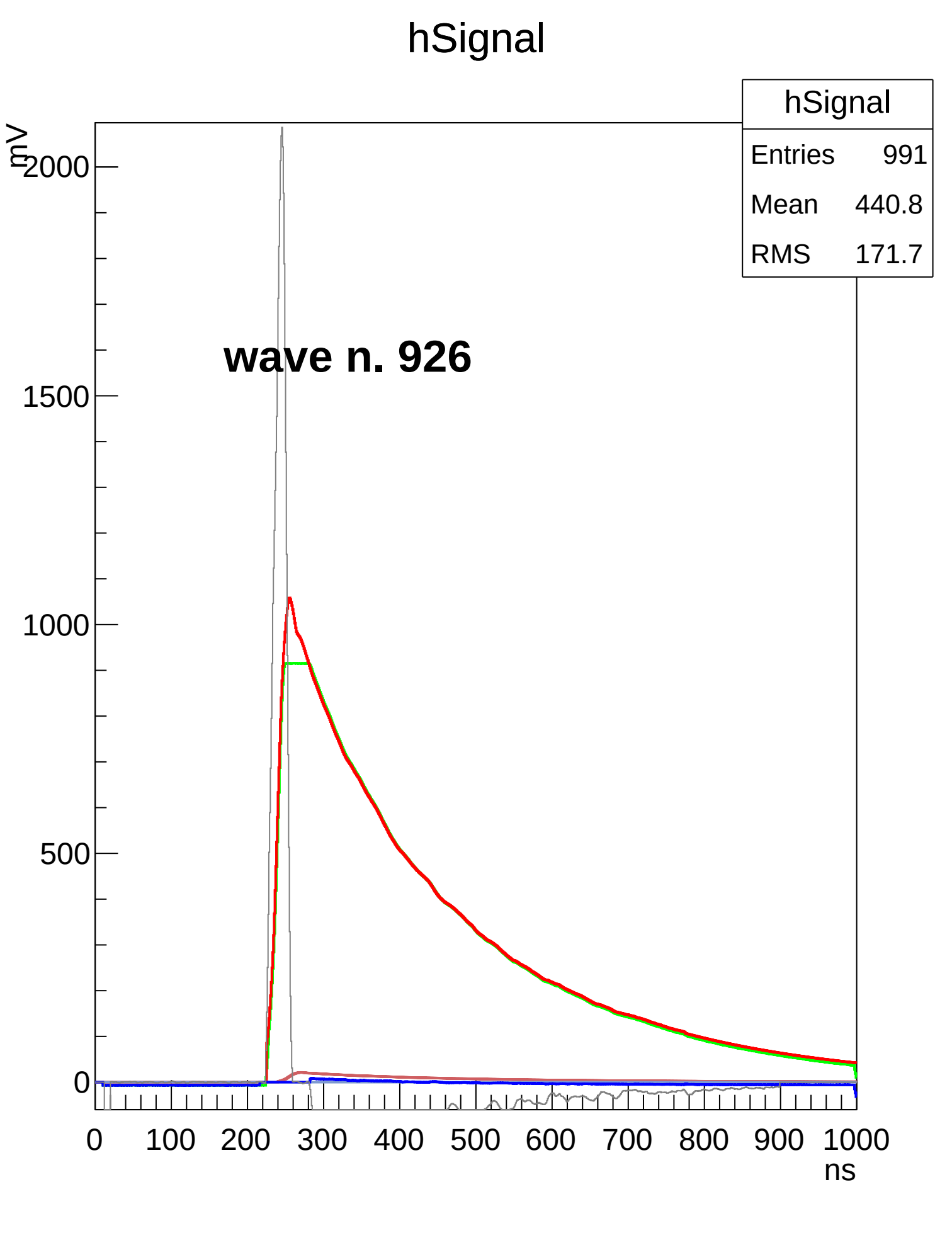
1000
ns


hSignal
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Entries 991
Mean 440.8
RMS 171.7
wave n. 926
mV
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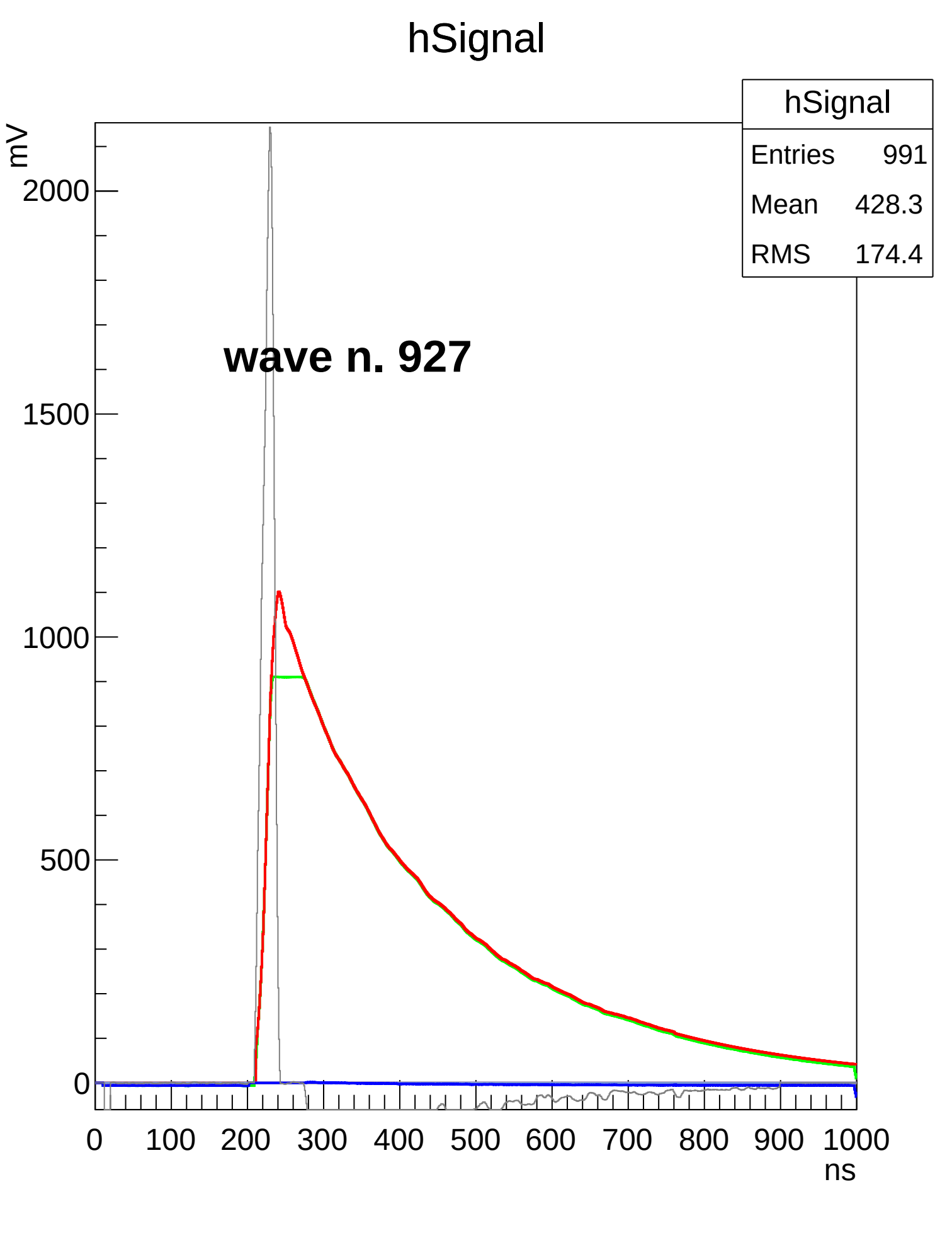
ns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hSignal
Entries 991
Mean 428.3
RMS 174.4
wave n. 927
mV
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0
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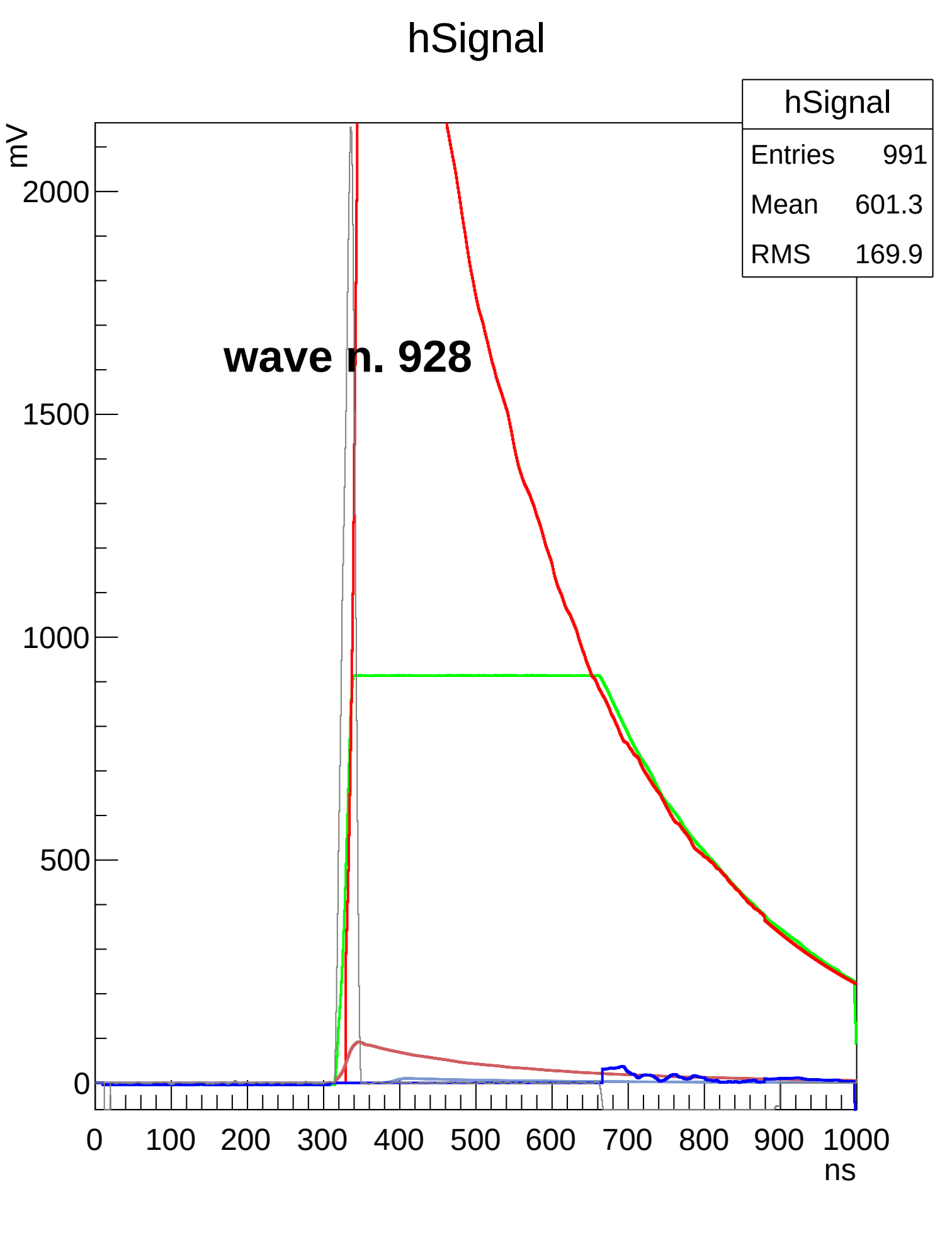
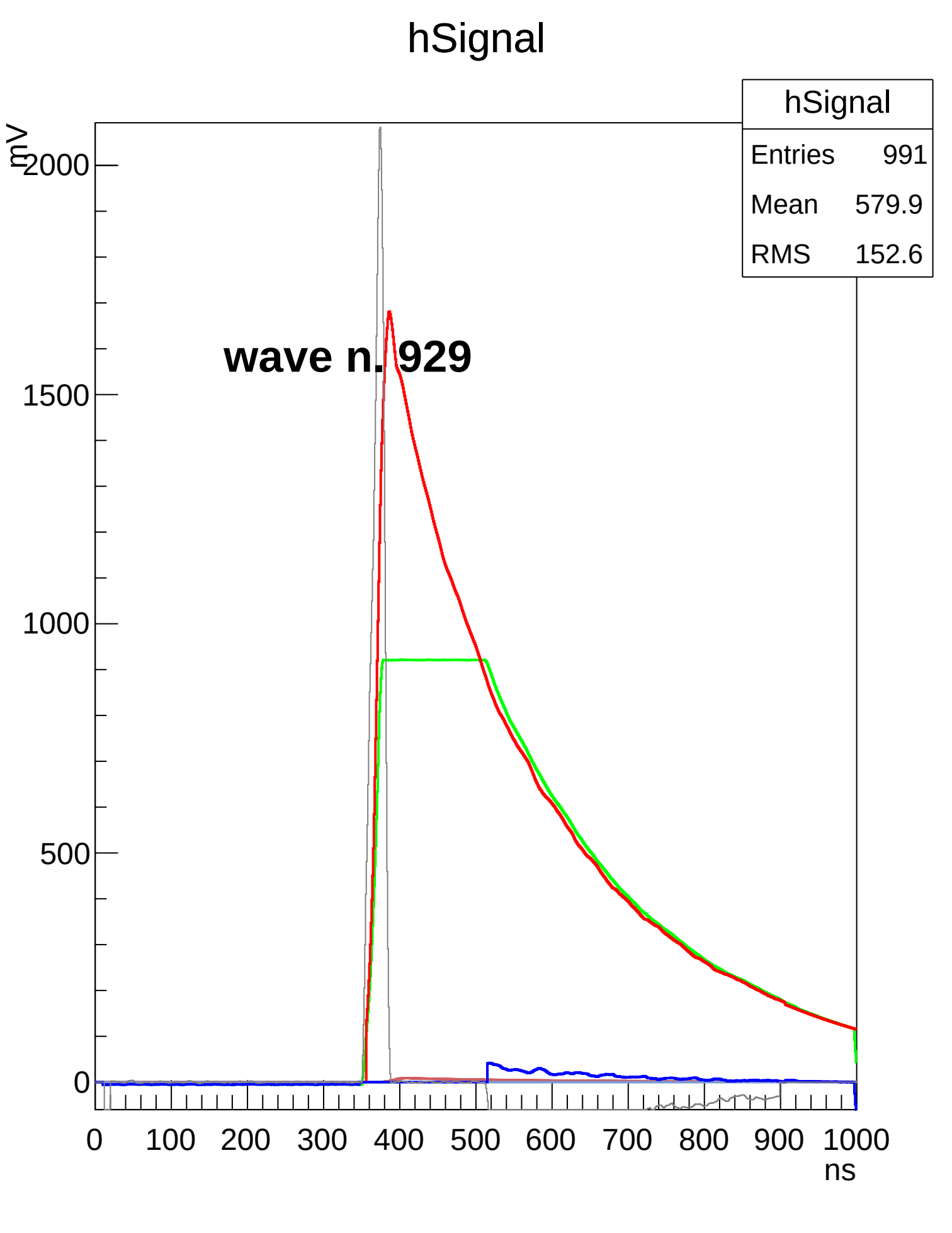
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 601.3
RMS 169.9
wave n. 928
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 579.9
RMS 152.6
wave n. 929
mV
2000
1500
1000
500
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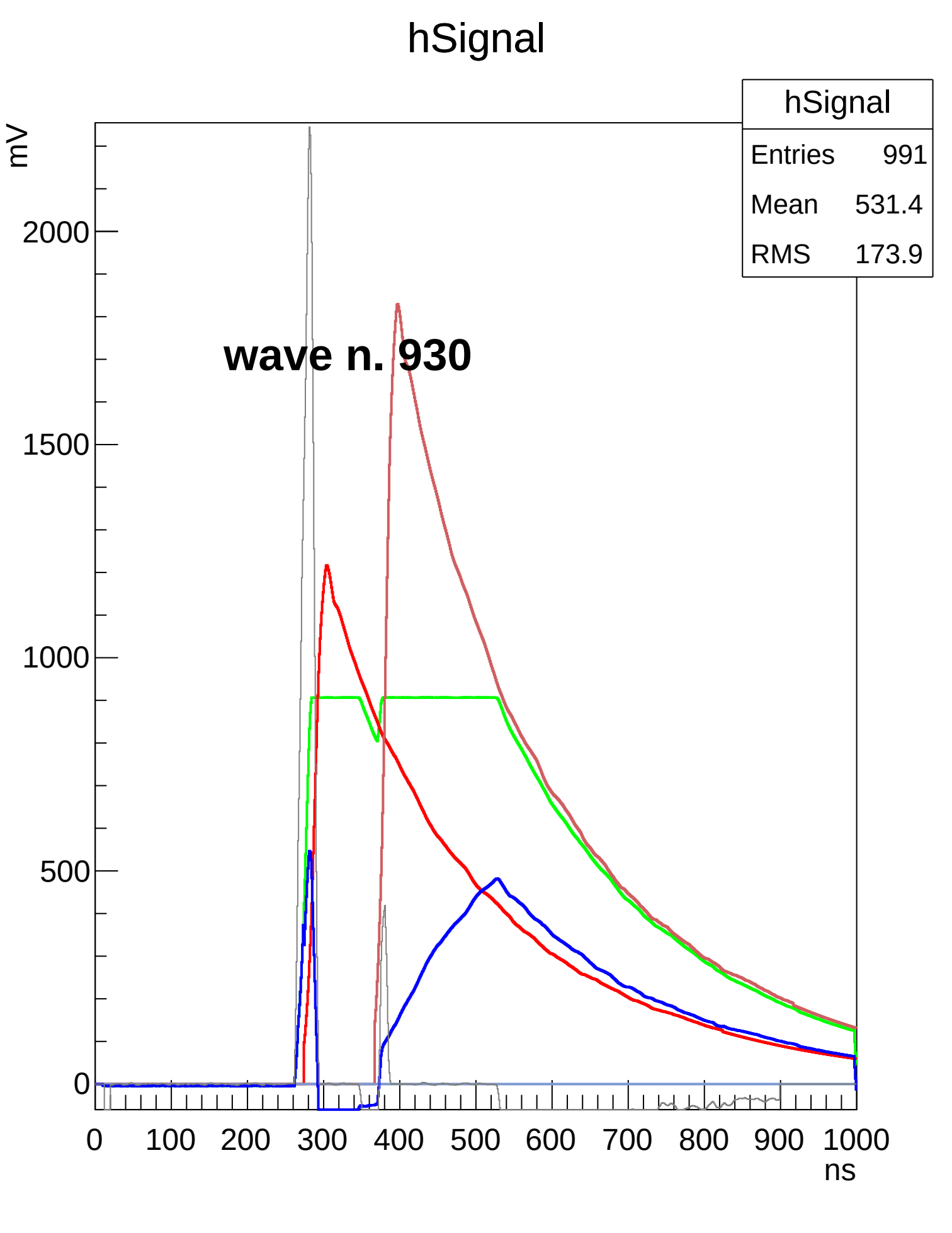
ns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hSignal
Entries 991
Mean 531.4
RMS 173.9
wave n. 930
mV
2000
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0
0
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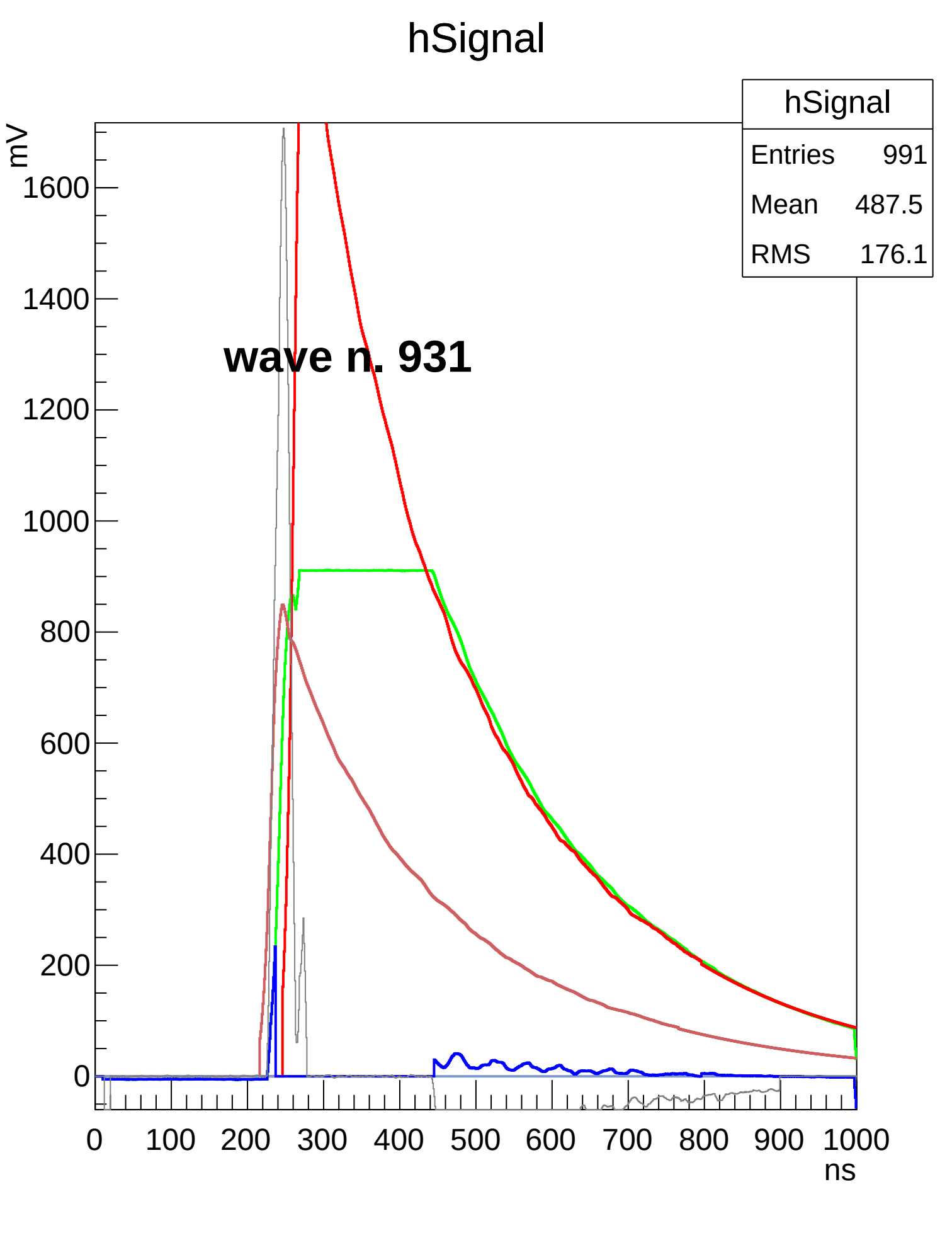
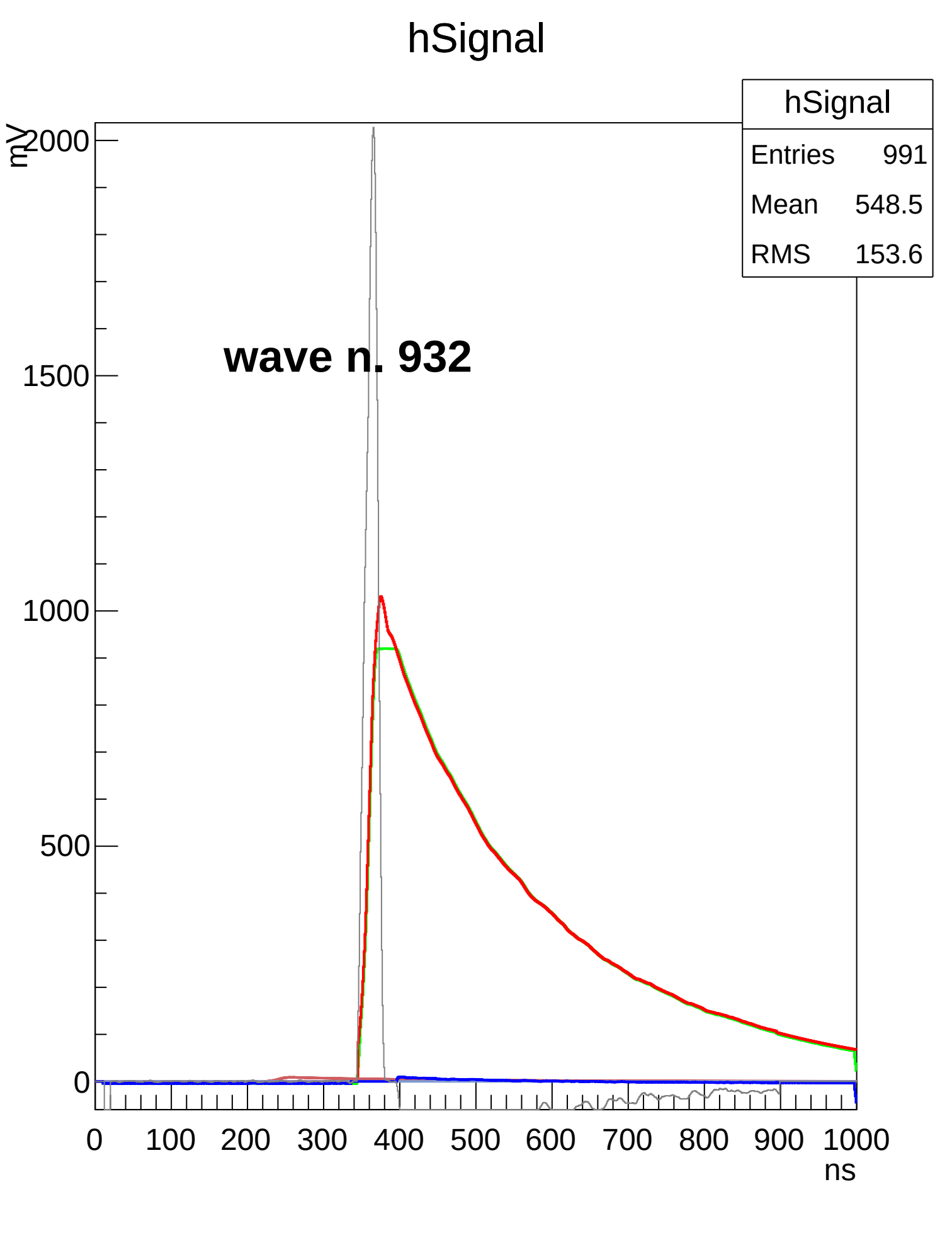
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 487.5
RMS 176.1
wave n. 931
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 548.5
RMS 153.6
wave n. 932
mV
2000
1500
1000
500
0
0
100
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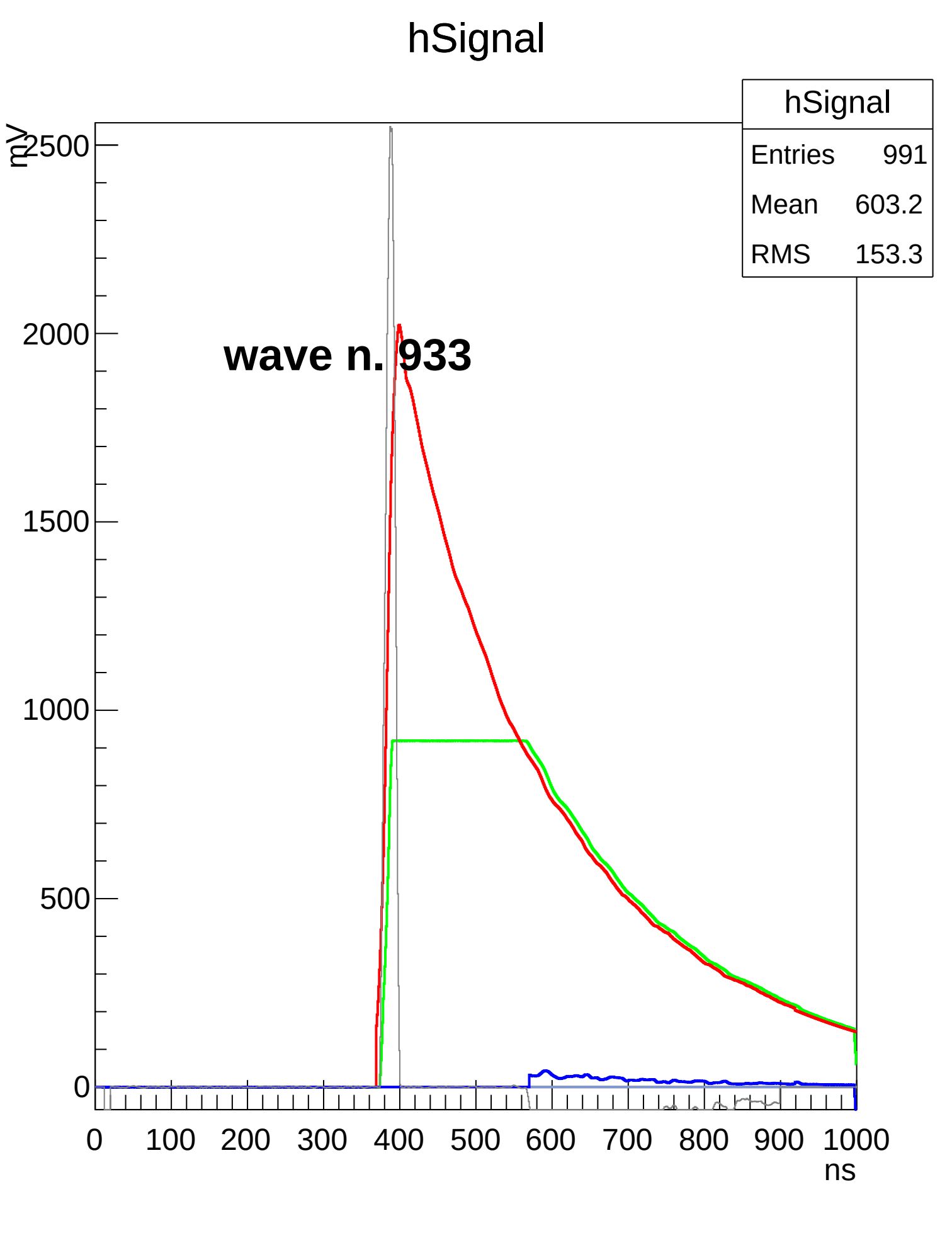
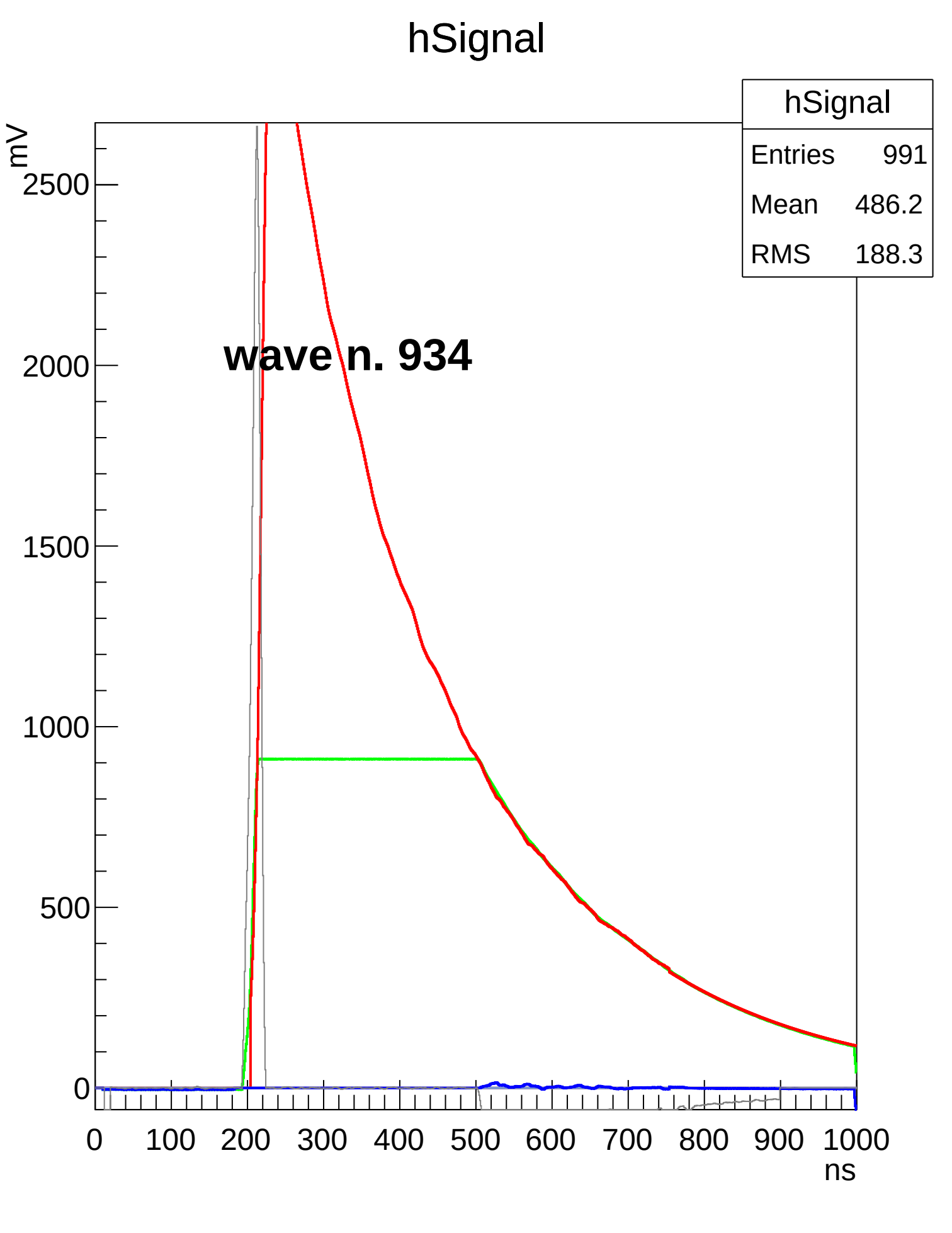
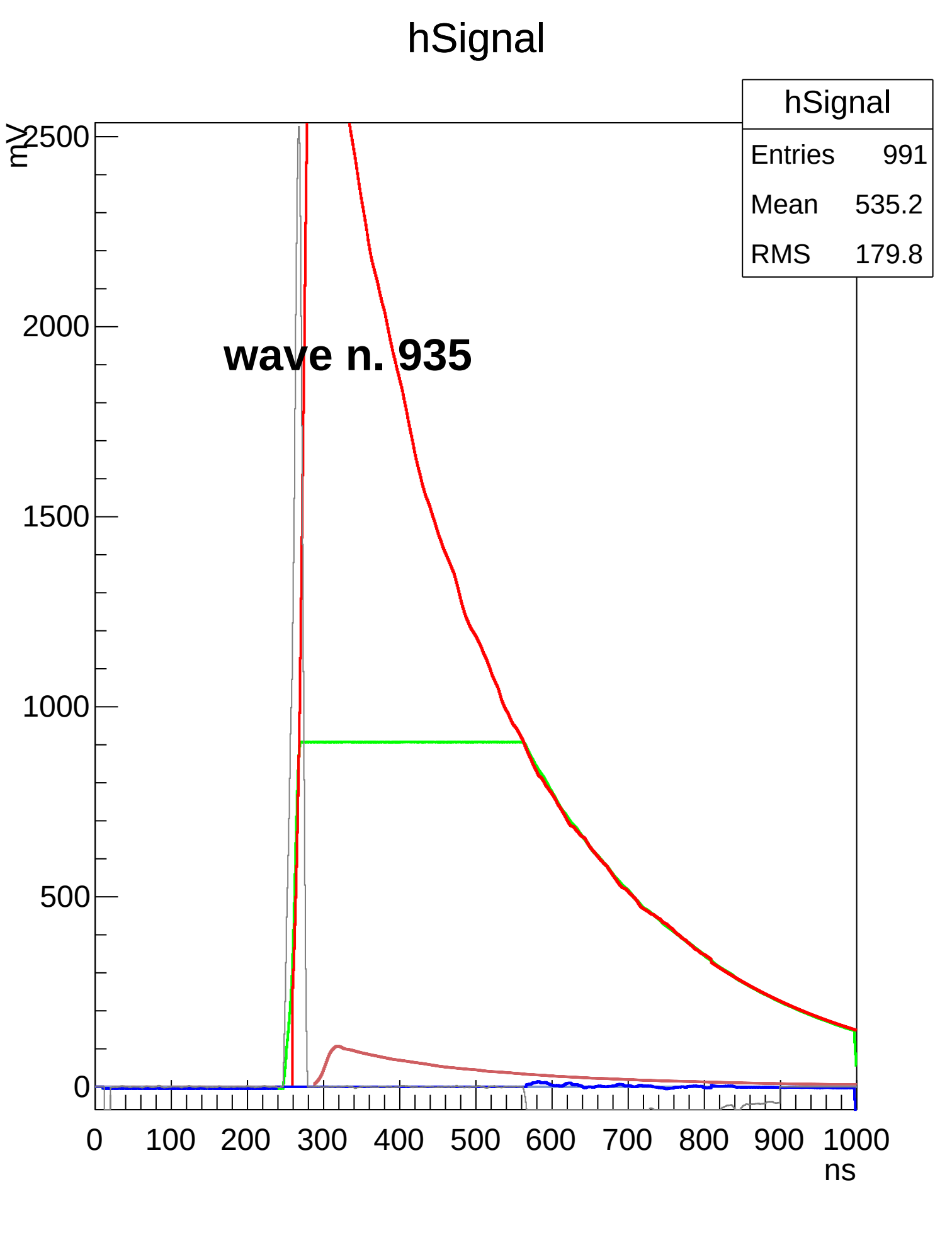
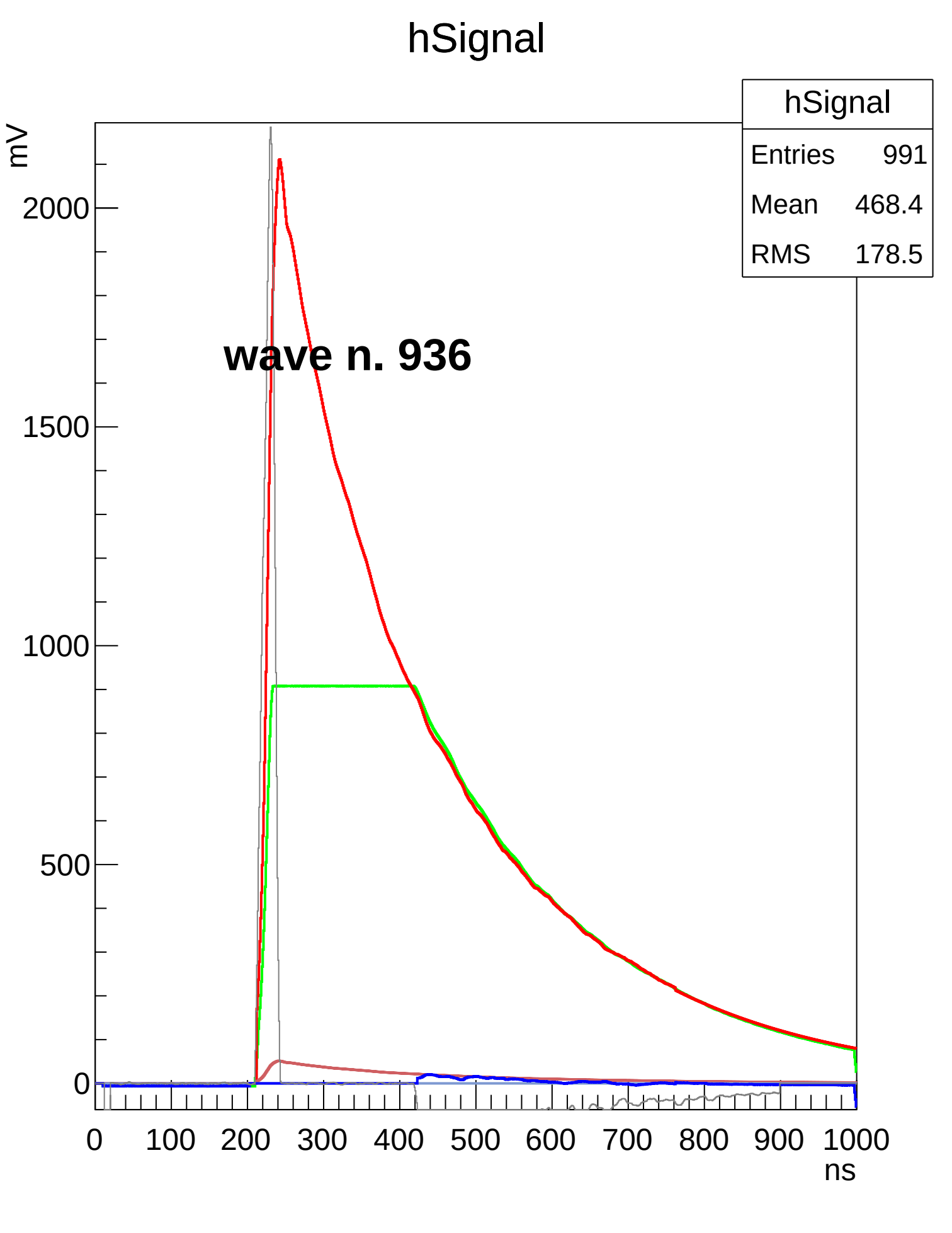
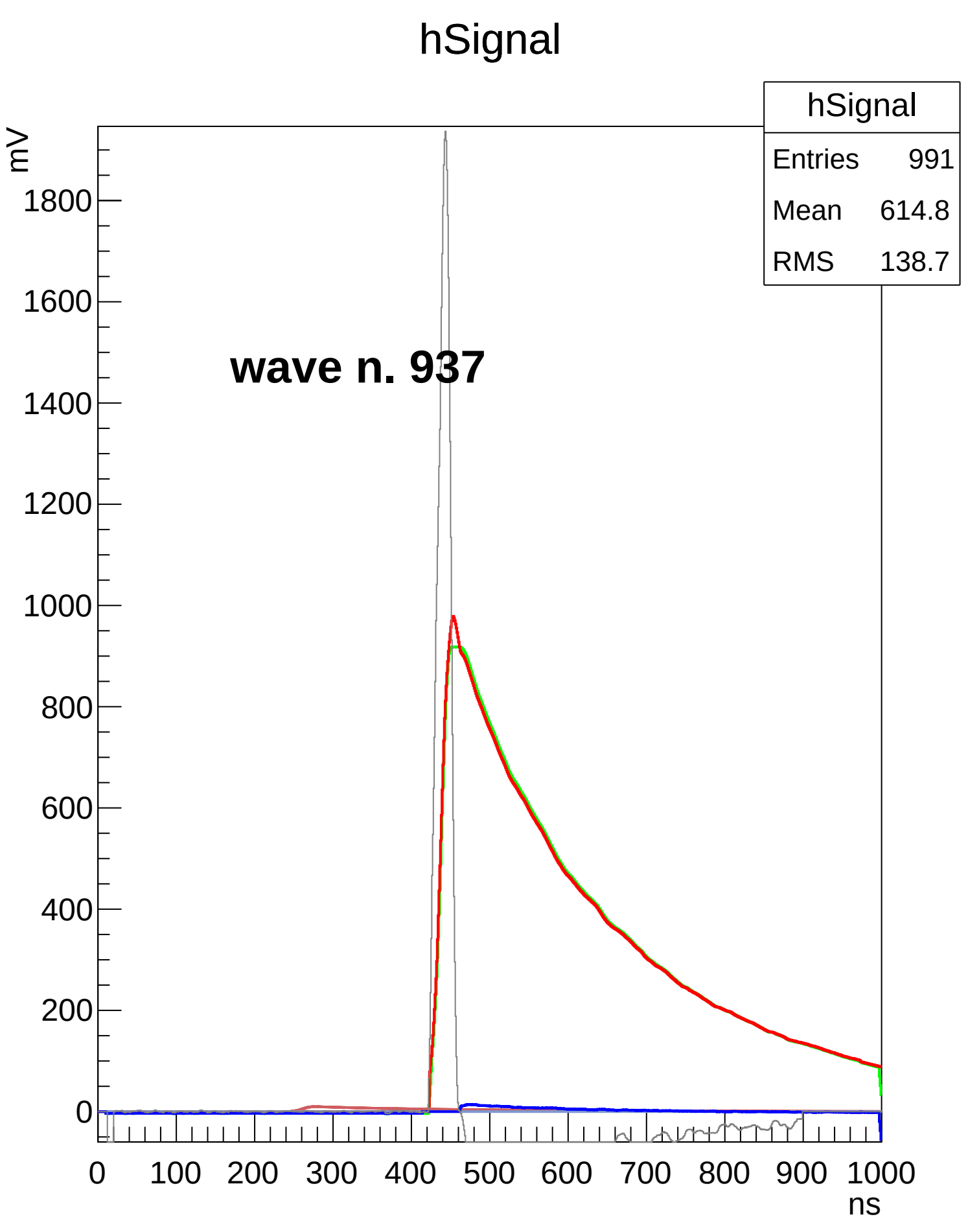
800
900
1000
ns

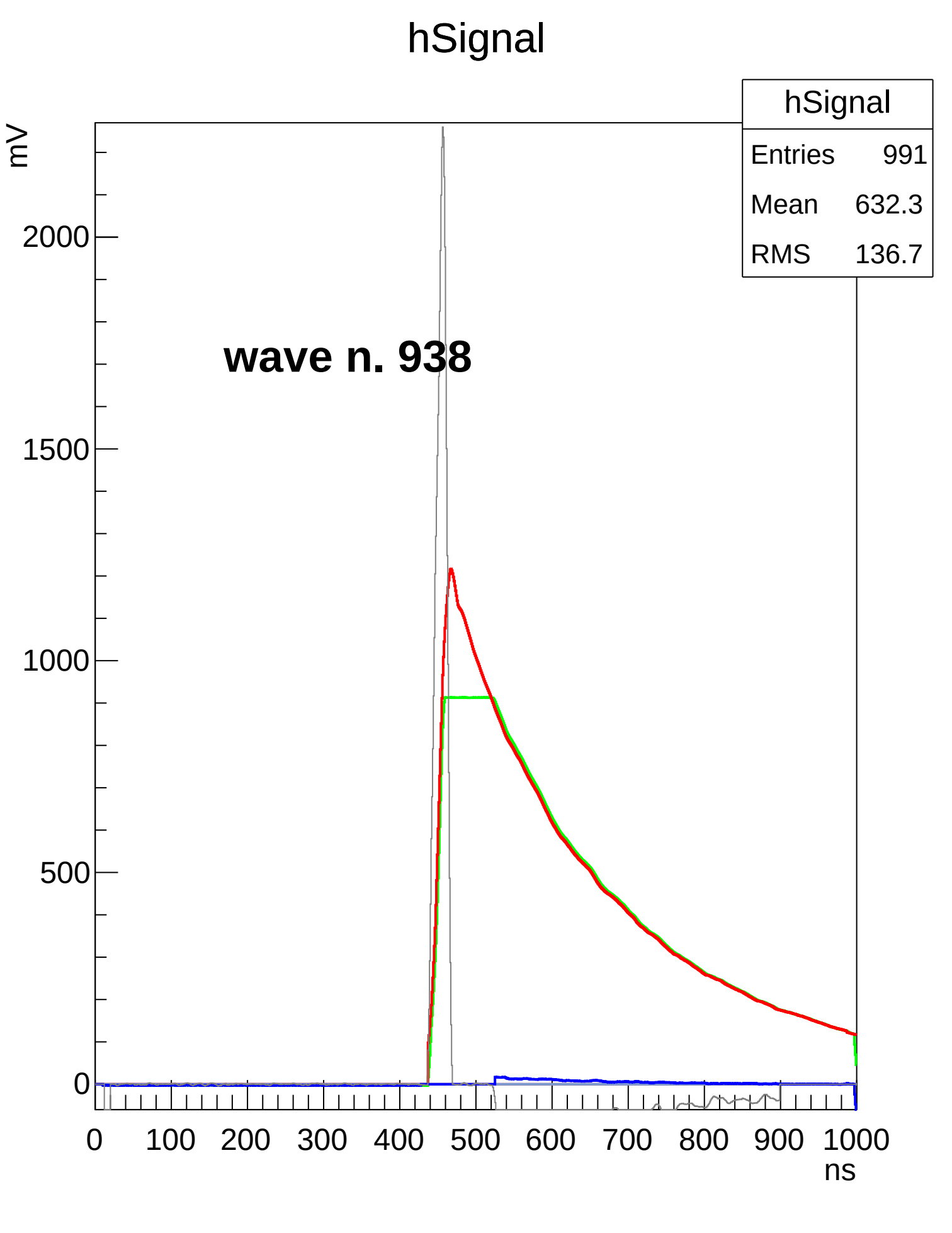

hSignal
hSignal
Entries 991
Mean 603.2
RMS 153.3
wave n. 933
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

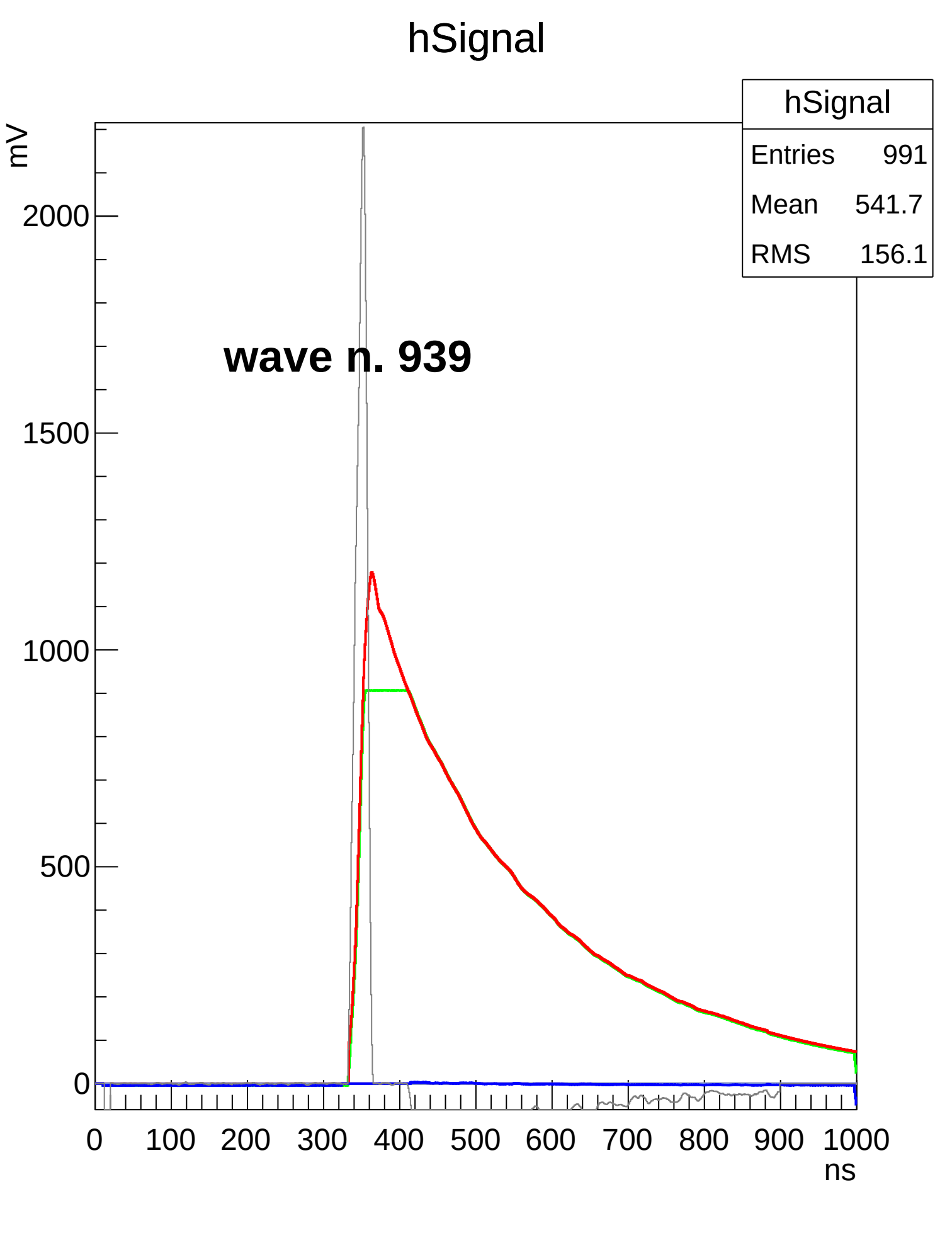

hSignal
hSignal
Entries 991
Mean 486.2
RMS 188.3
wave n. 934
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

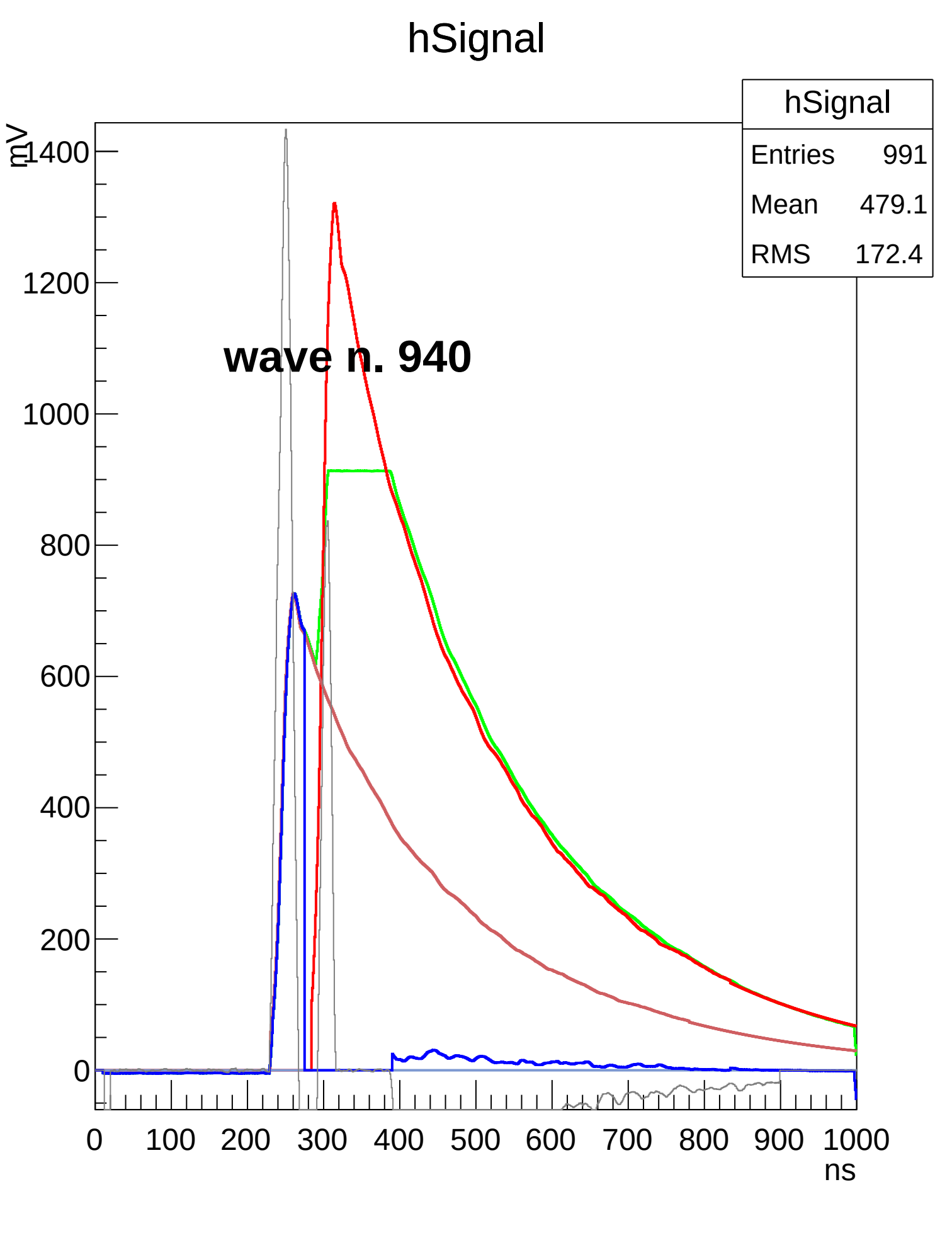

hSignal
hSignal
Entries 991
Mean 535.2
RMS 179.8
wave n. 935
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

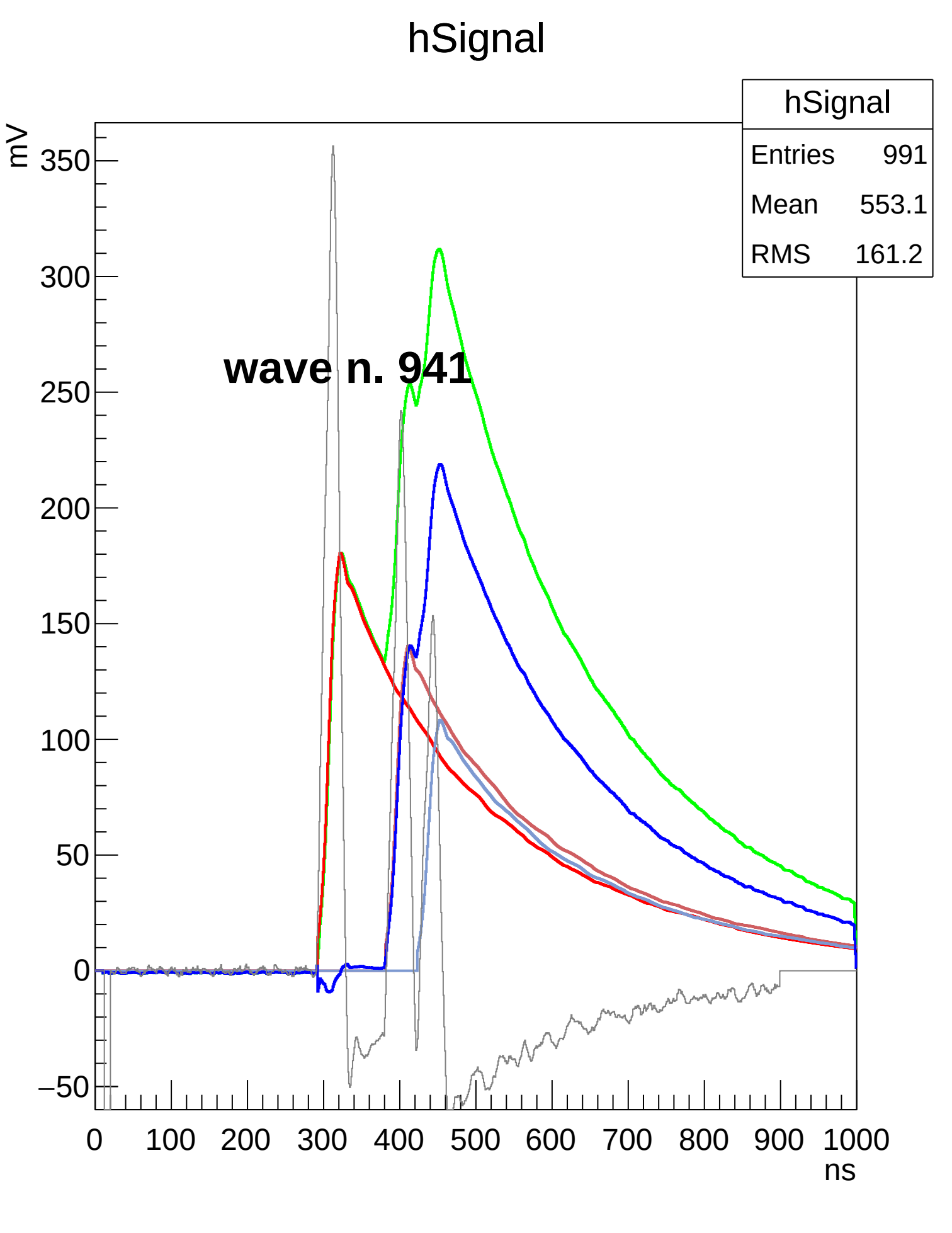

hSignal
hSignal
Entries 991
Mean 468.4
RMS 178.5
wave n. 936
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

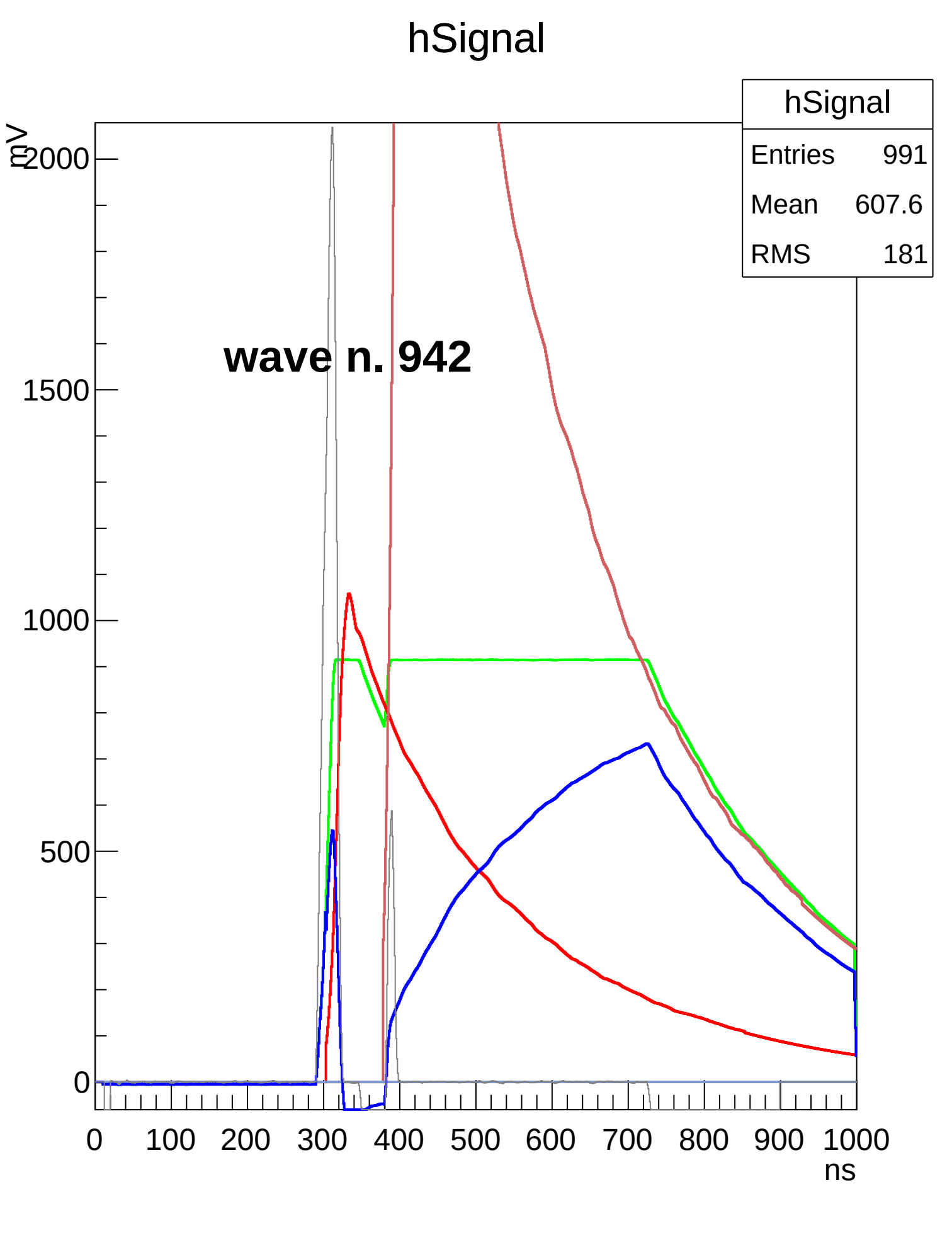

hSignal
hSignal
Entries 991
Mean 614.8
RMS 138.7
wave n. 937
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 632.3
RMS 136.7
wave n. 938
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 541.7
RMS 156.1
wave n. 939
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 479.1
RMS 172.4
wave n. 940
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.1
RMS 161.2
wave n. 941
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 607.6
RMS 181
wave n. 942
mV
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1500
1000
500
0
0
100
200
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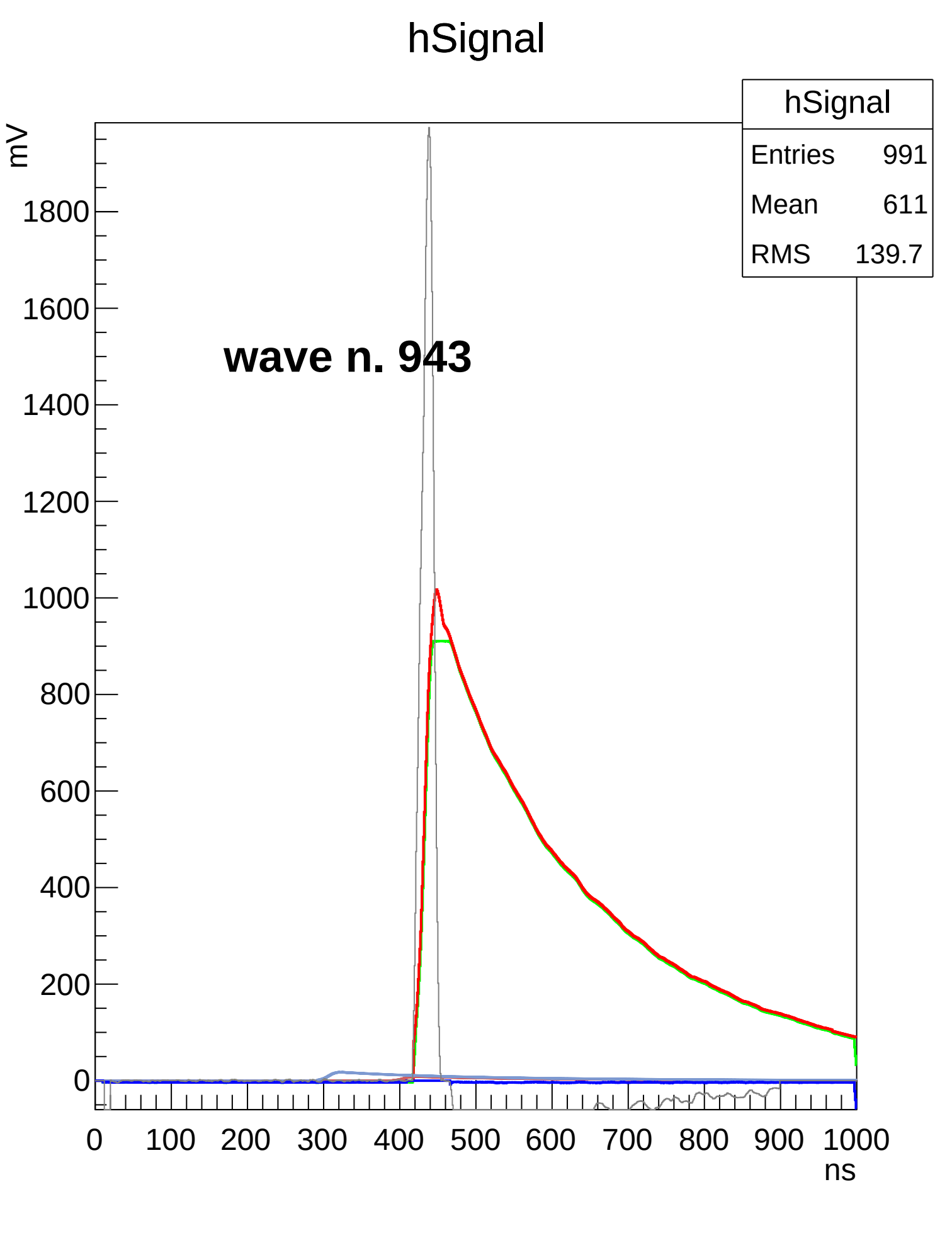
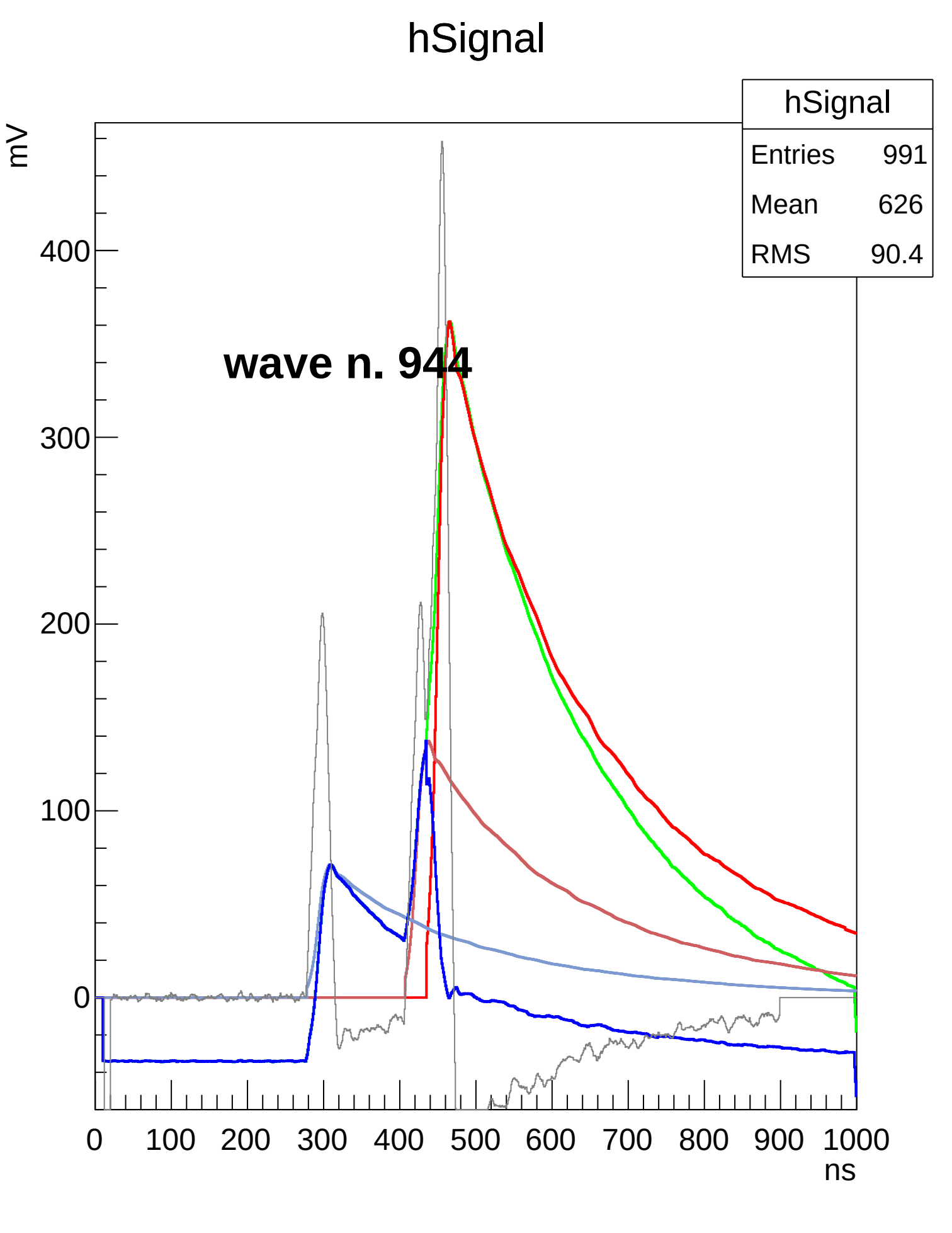
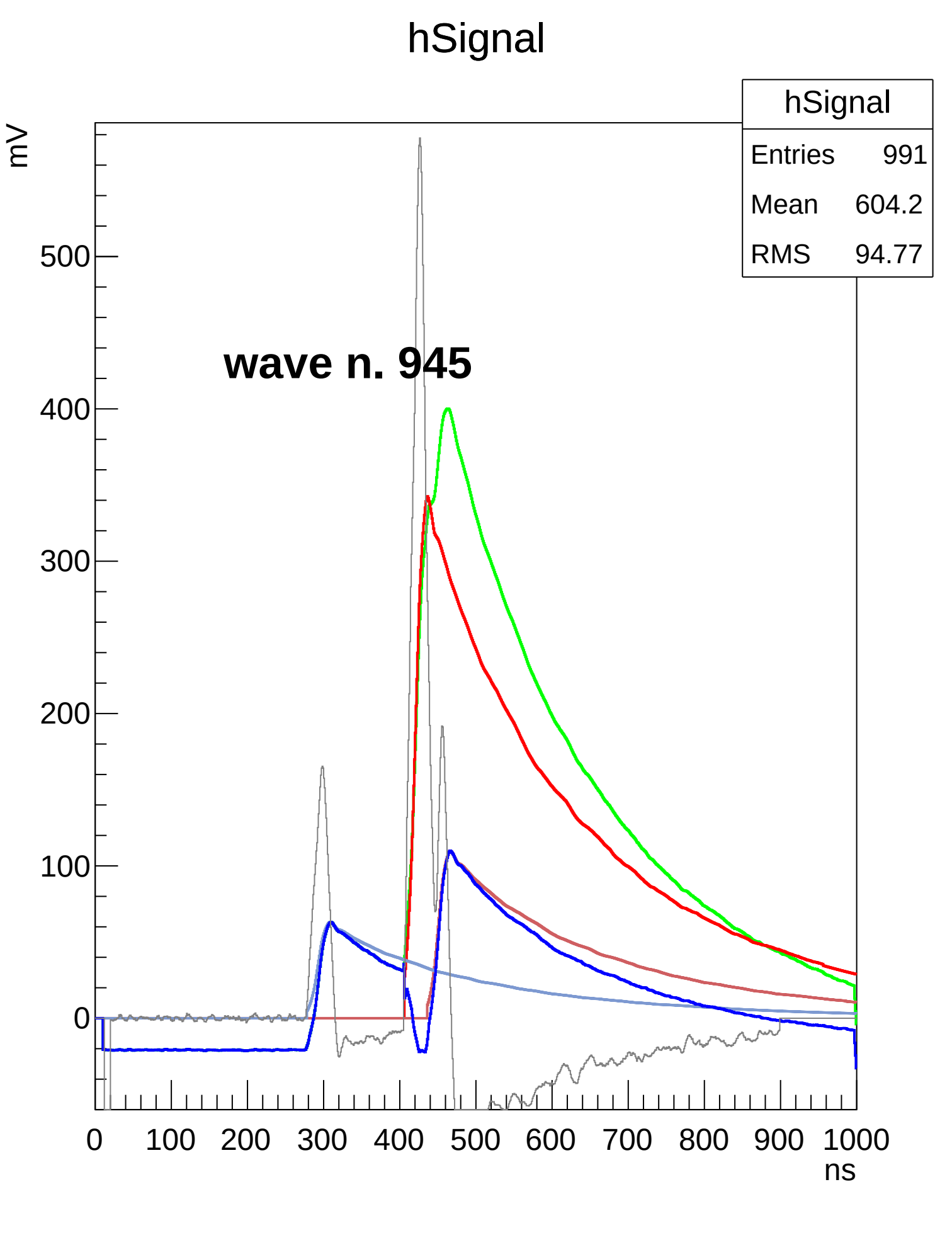
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 611
RMS 139.7
wave n. 943
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 626
RMS 90.4
wave n. 944
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 604.2
RMS 94.77
wave n. 945
mV
500
400
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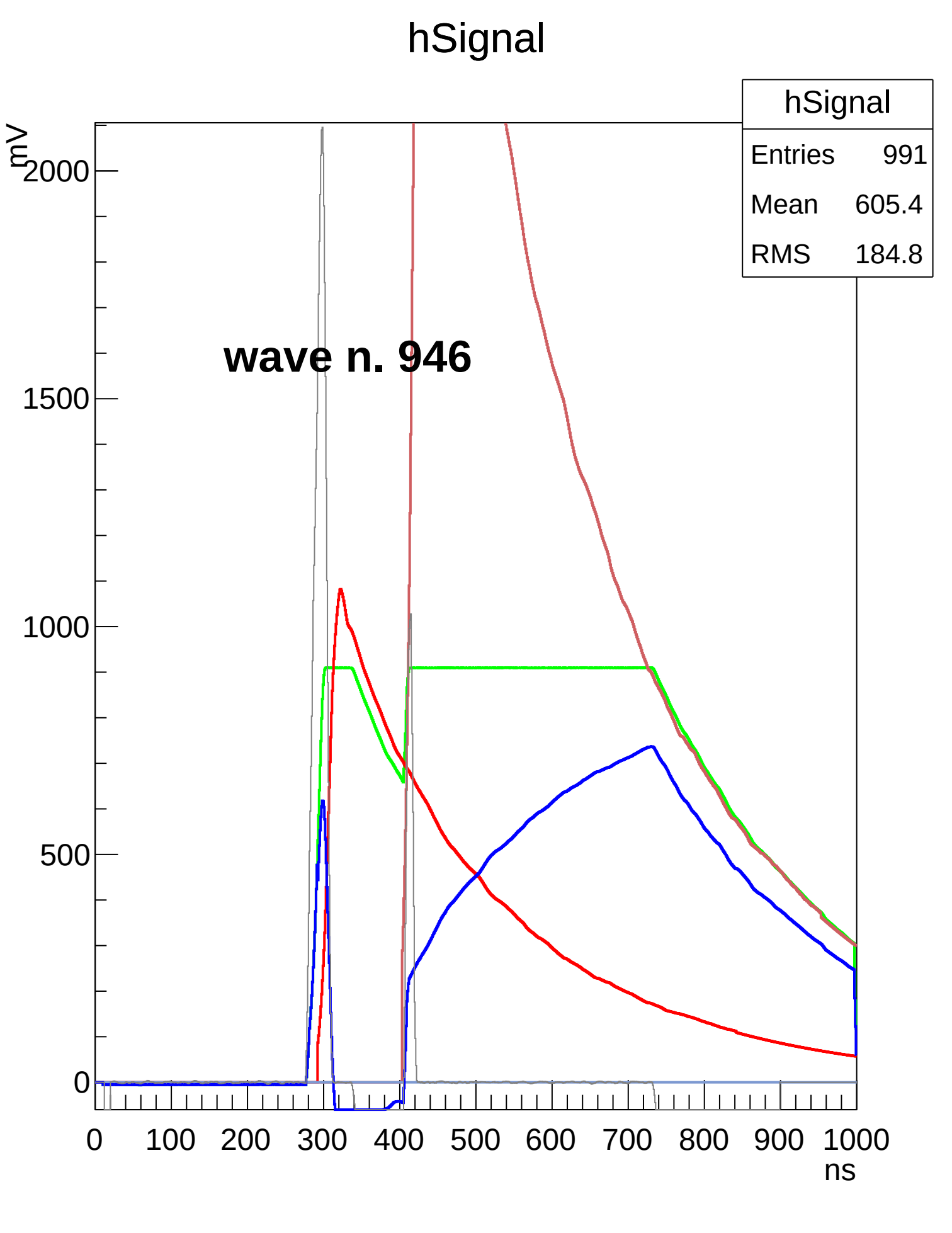
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 605.4
RMS 184.8
wave n. 946
mV
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1000
500
0
0
100
200
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400
500
600
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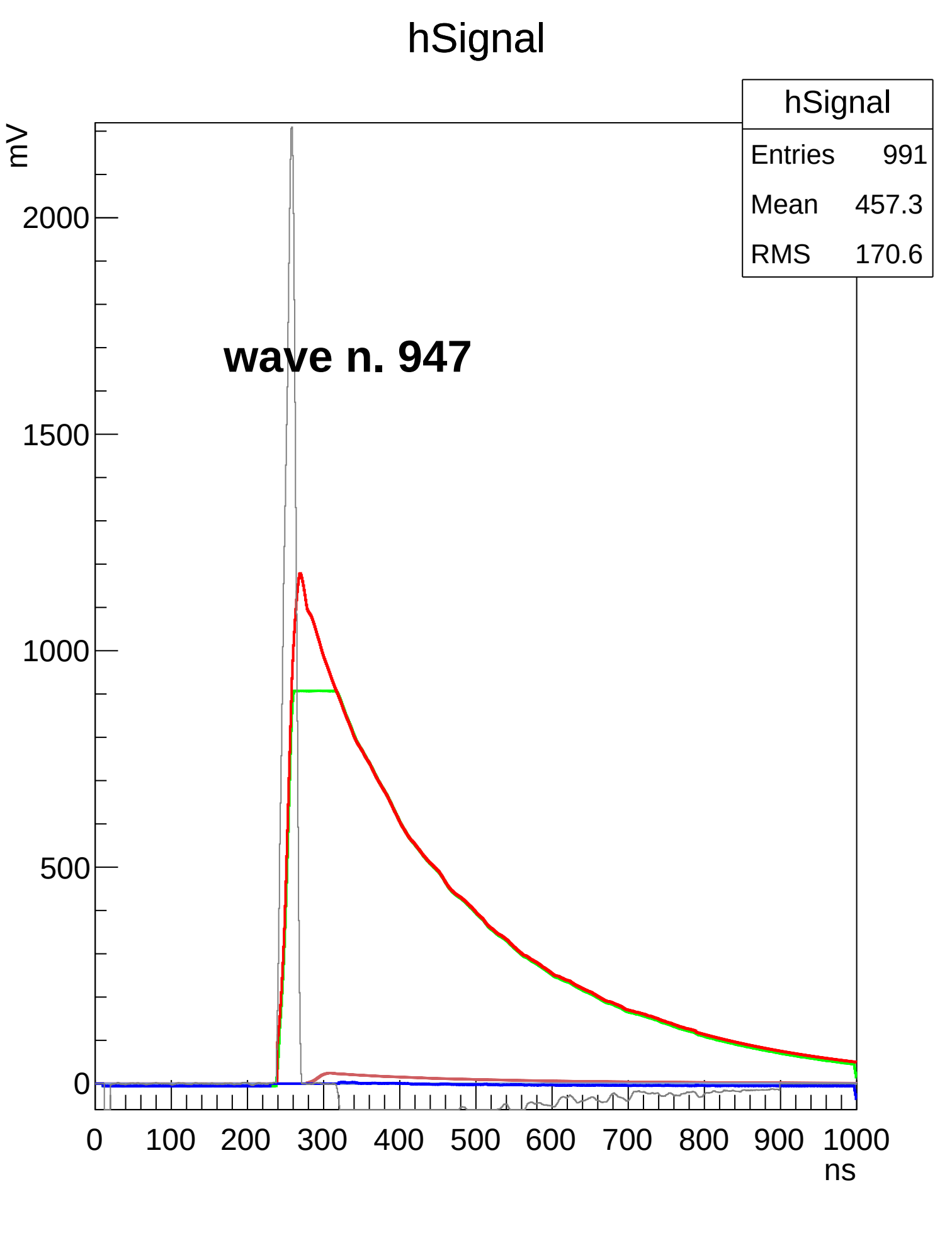
800
900
1000
ns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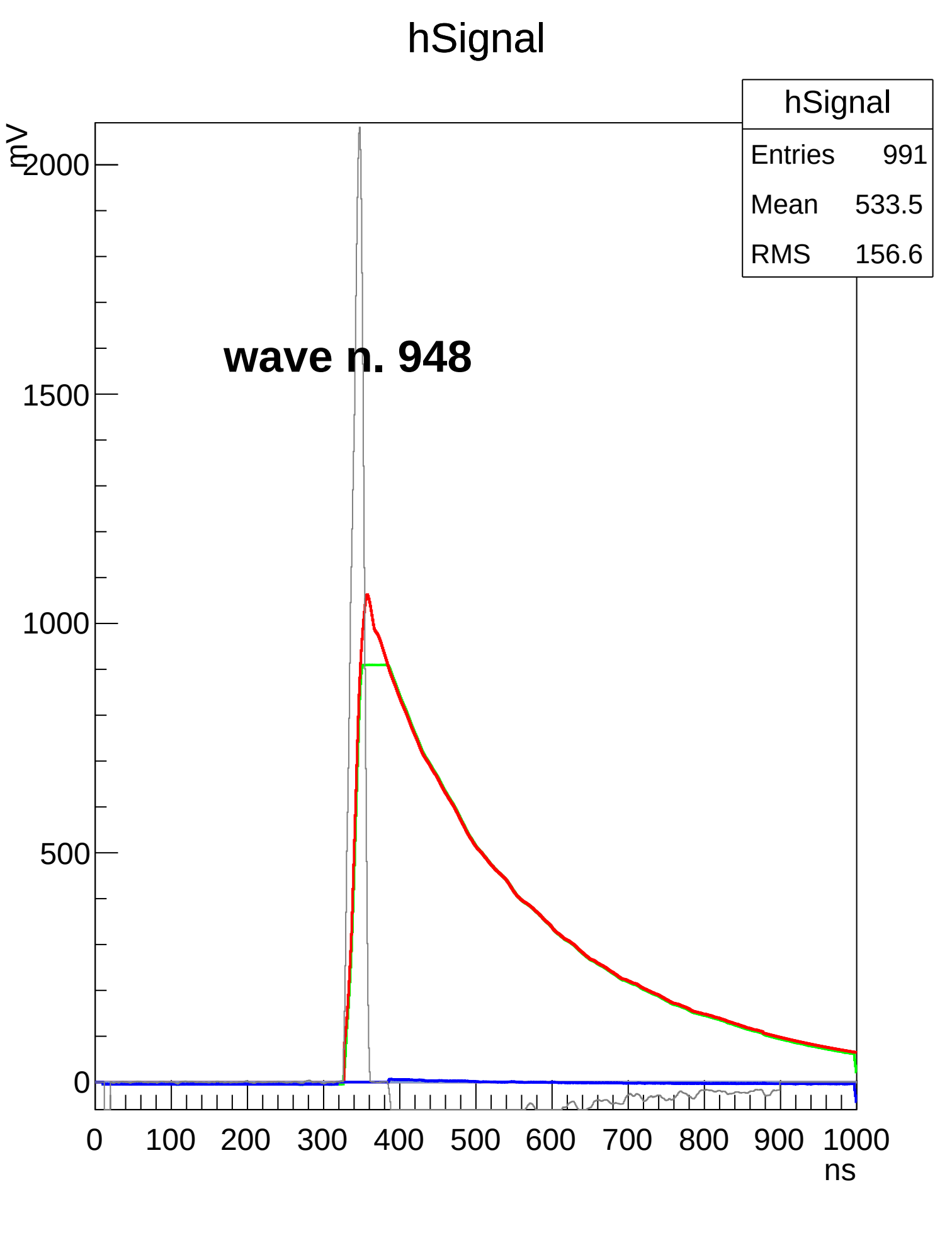
hSignal
Entries 991
Mean 457.3
RMS 170.6
wave n. 947
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 533.5
RMS 156.6
wave n. 948
mV
2000
1500
1000
500
0
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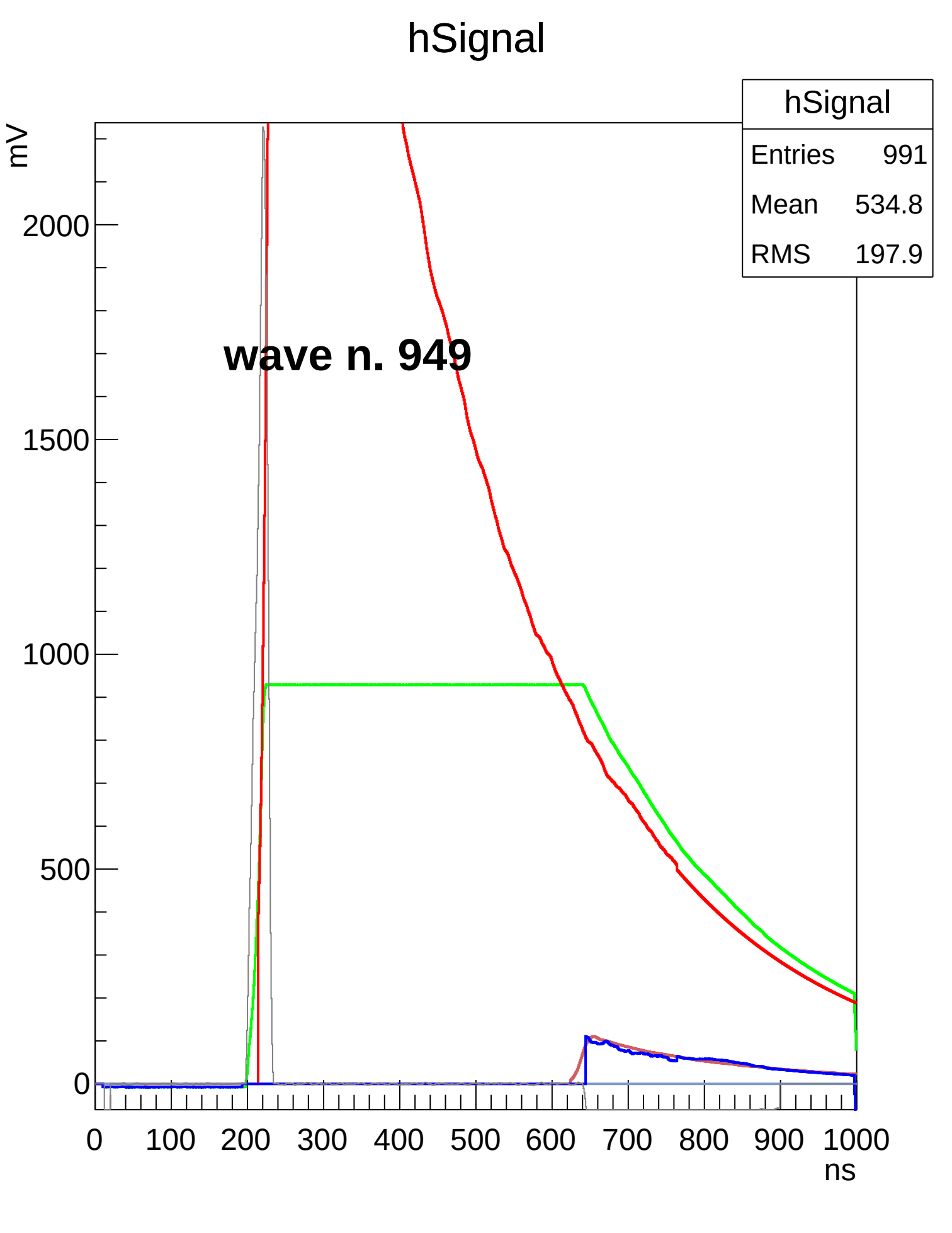
ns


hSignal
hSignal
Entries 991
Mean 534.8
RMS 197.9
wave n. 949
mV
2000
1500
1000
500
0
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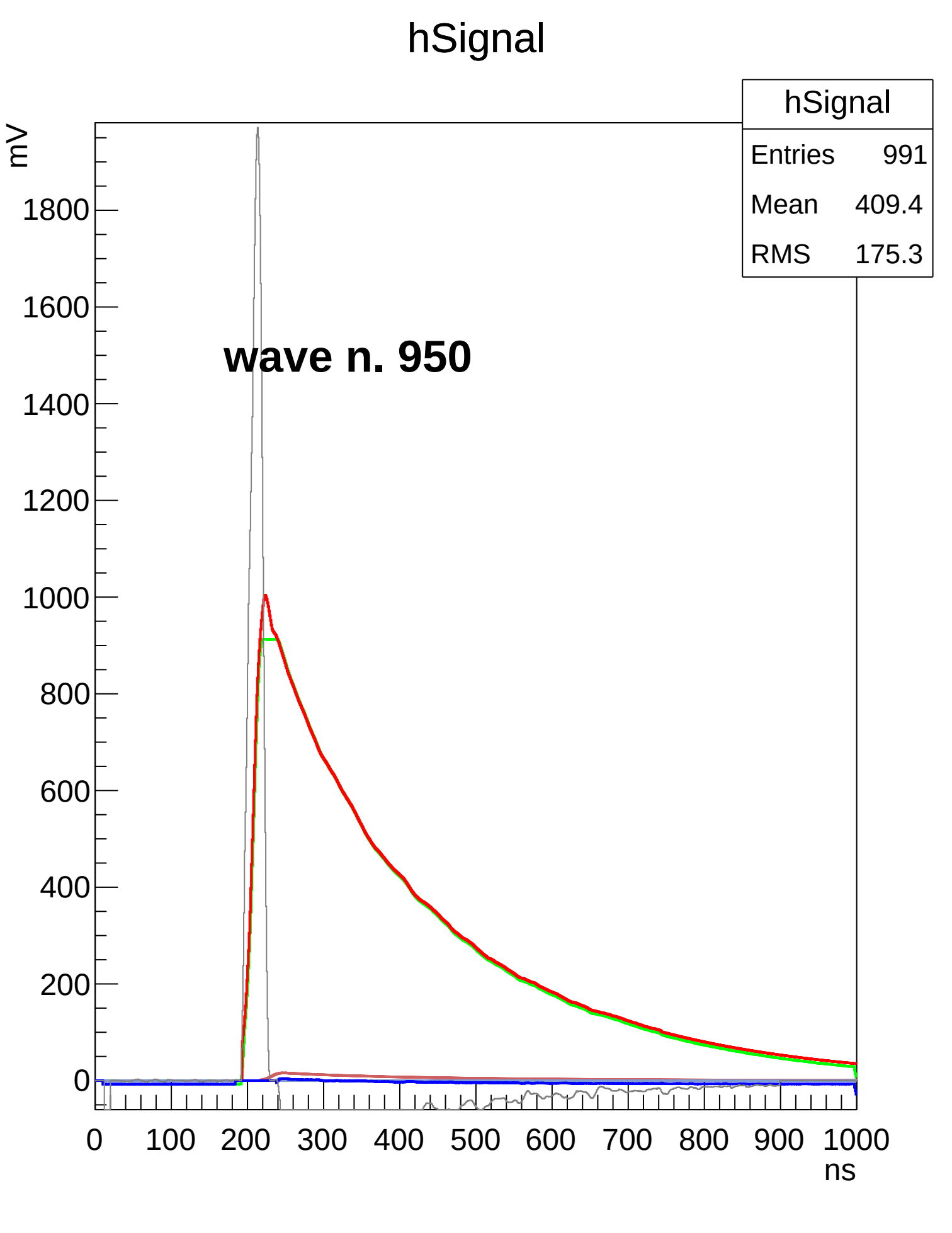
ns


hSignal
hSignal
Entries 991
Mean 409.4
RMS 175.3
wave n. 950
mV
1800
1600
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1200
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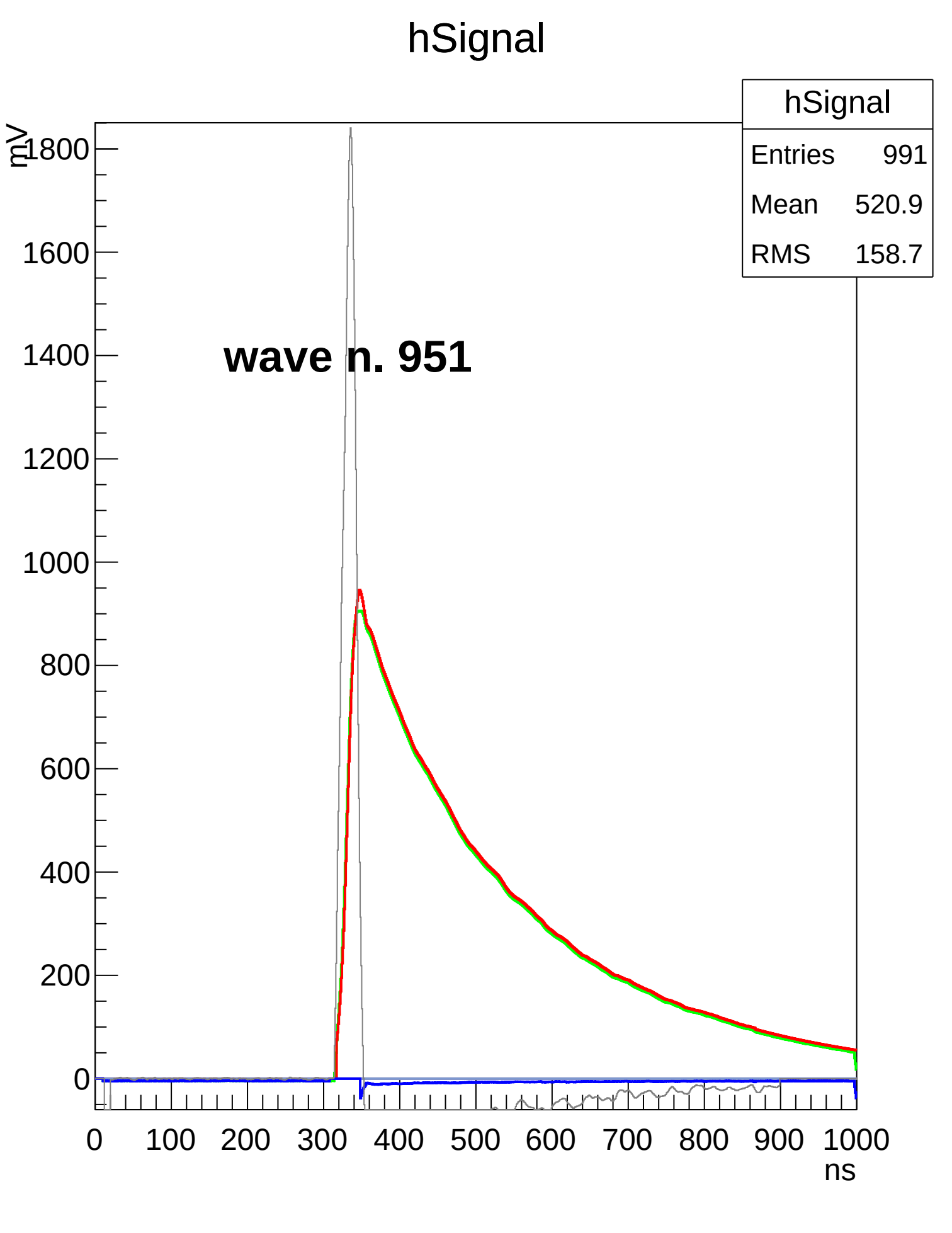
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 520.9
RMS 158.7
wave n. 951
mV
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1200
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800
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400
200
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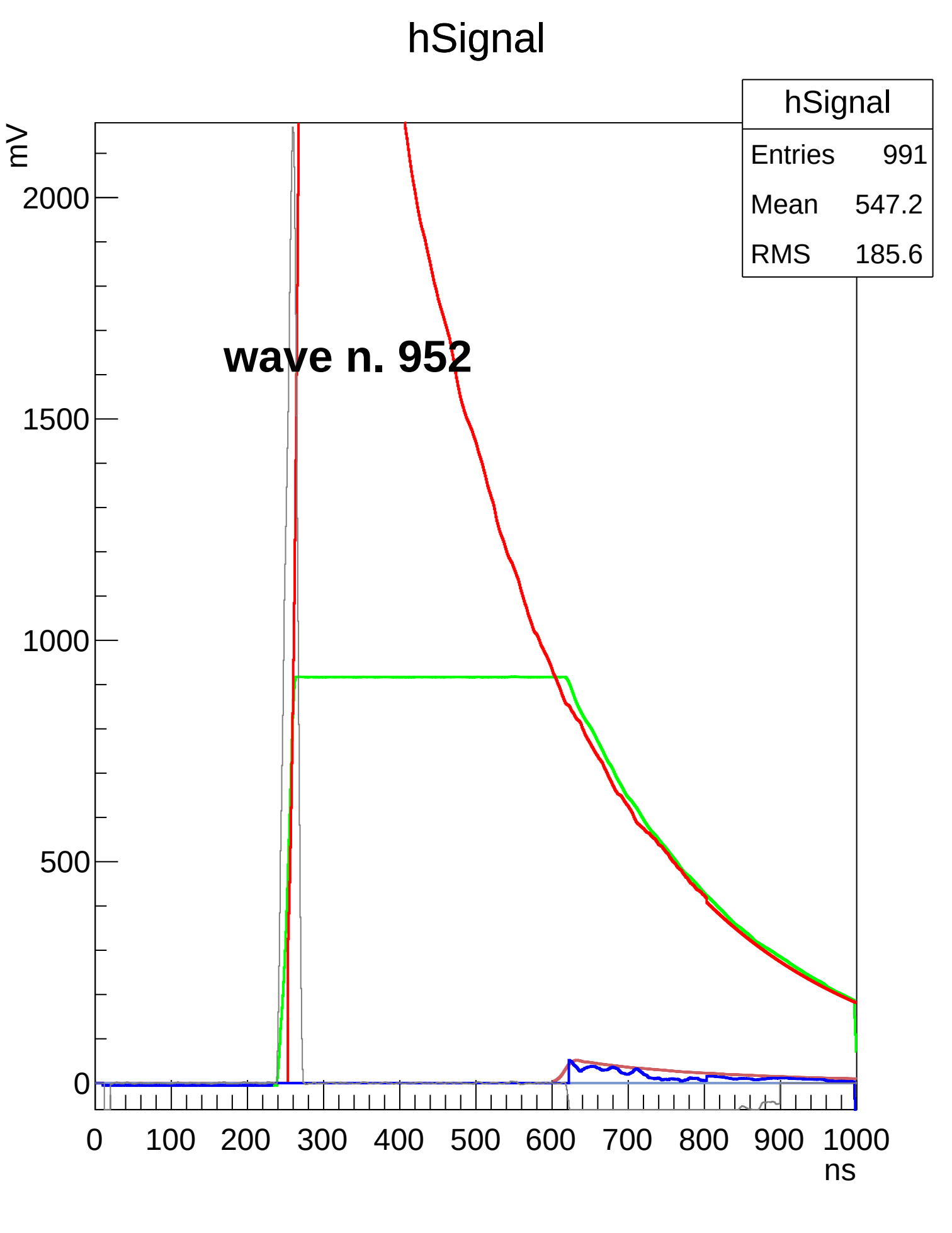
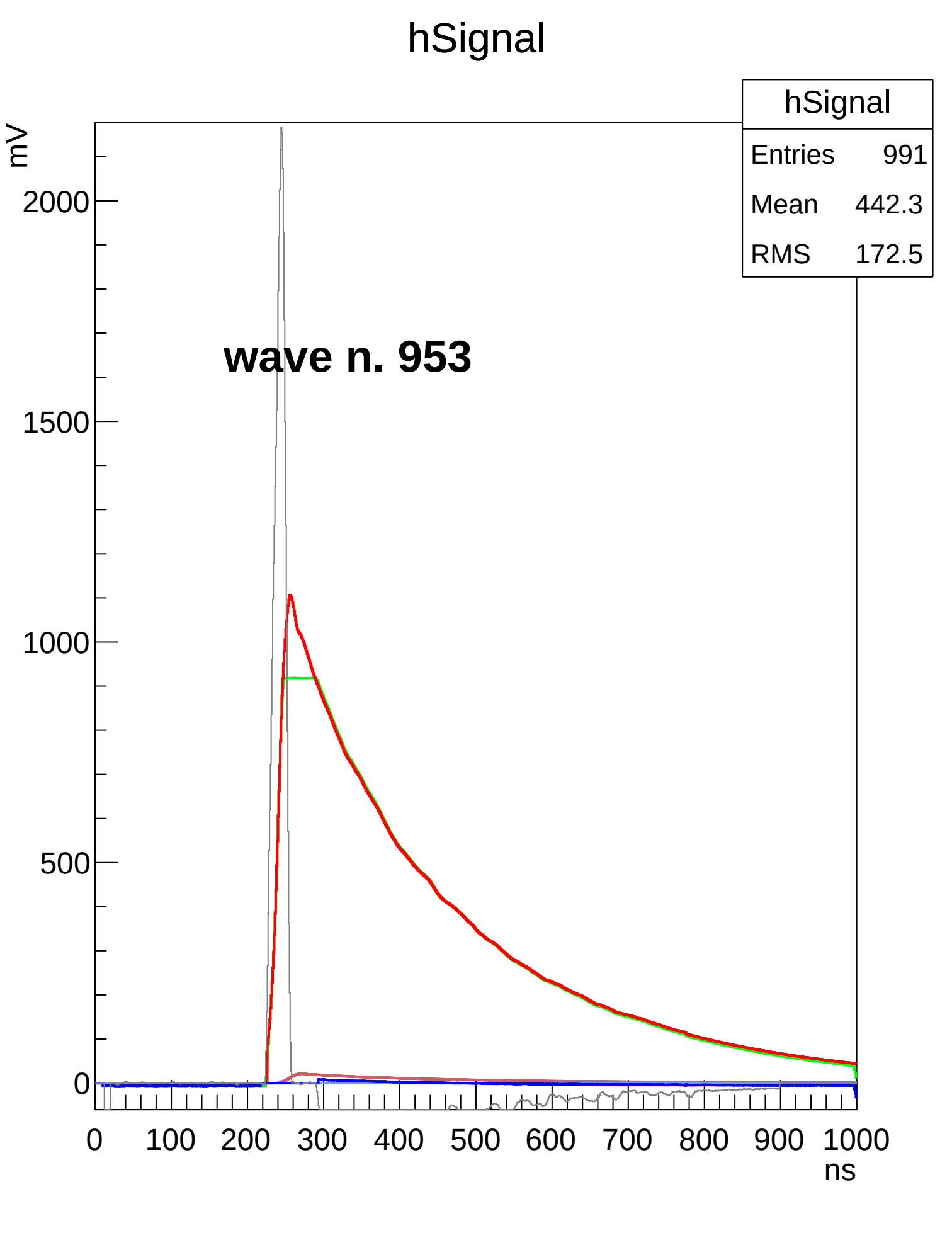
ns


hSignal
hSignal
Entries 991
Mean 547.2
RMS 185.6
wave n. 952
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 442.3
RMS 172.5
wave n. 953
mV
2000
1500
1000
500
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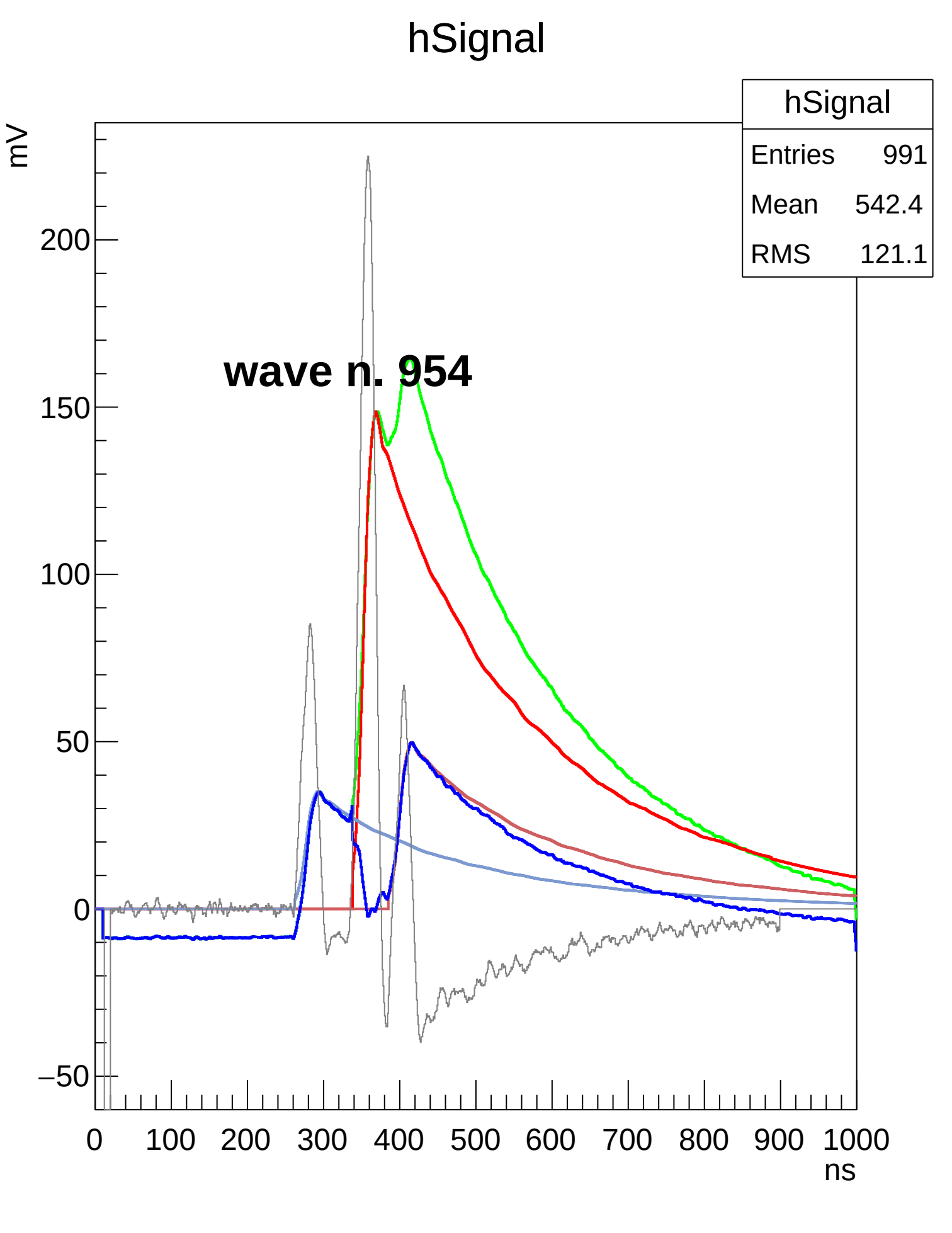
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 542.4
RMS 121.1
wave n. 954
mV
200
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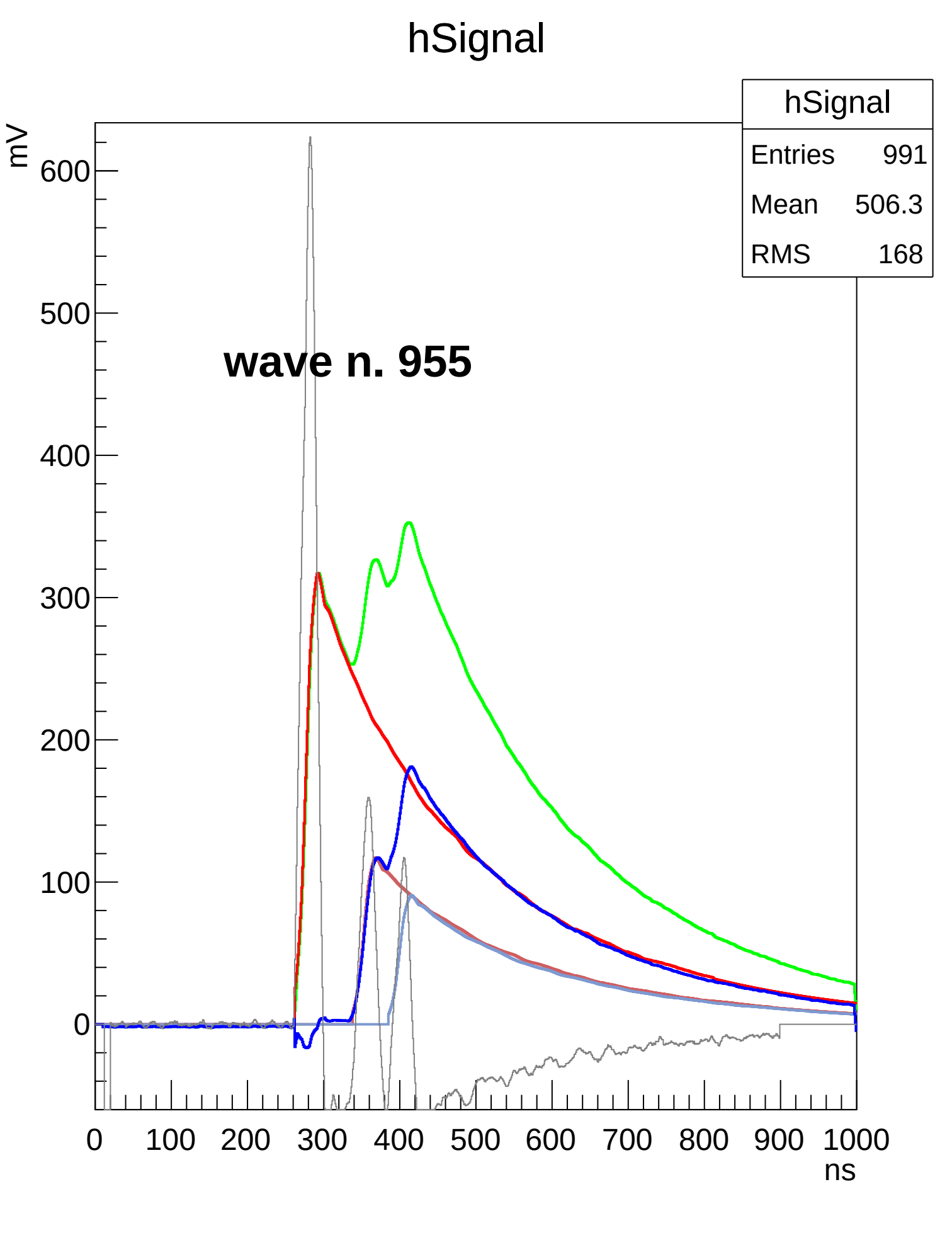
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506.3
RMS 168
wave n. 955
mV
600
500
400
300
200
100
0
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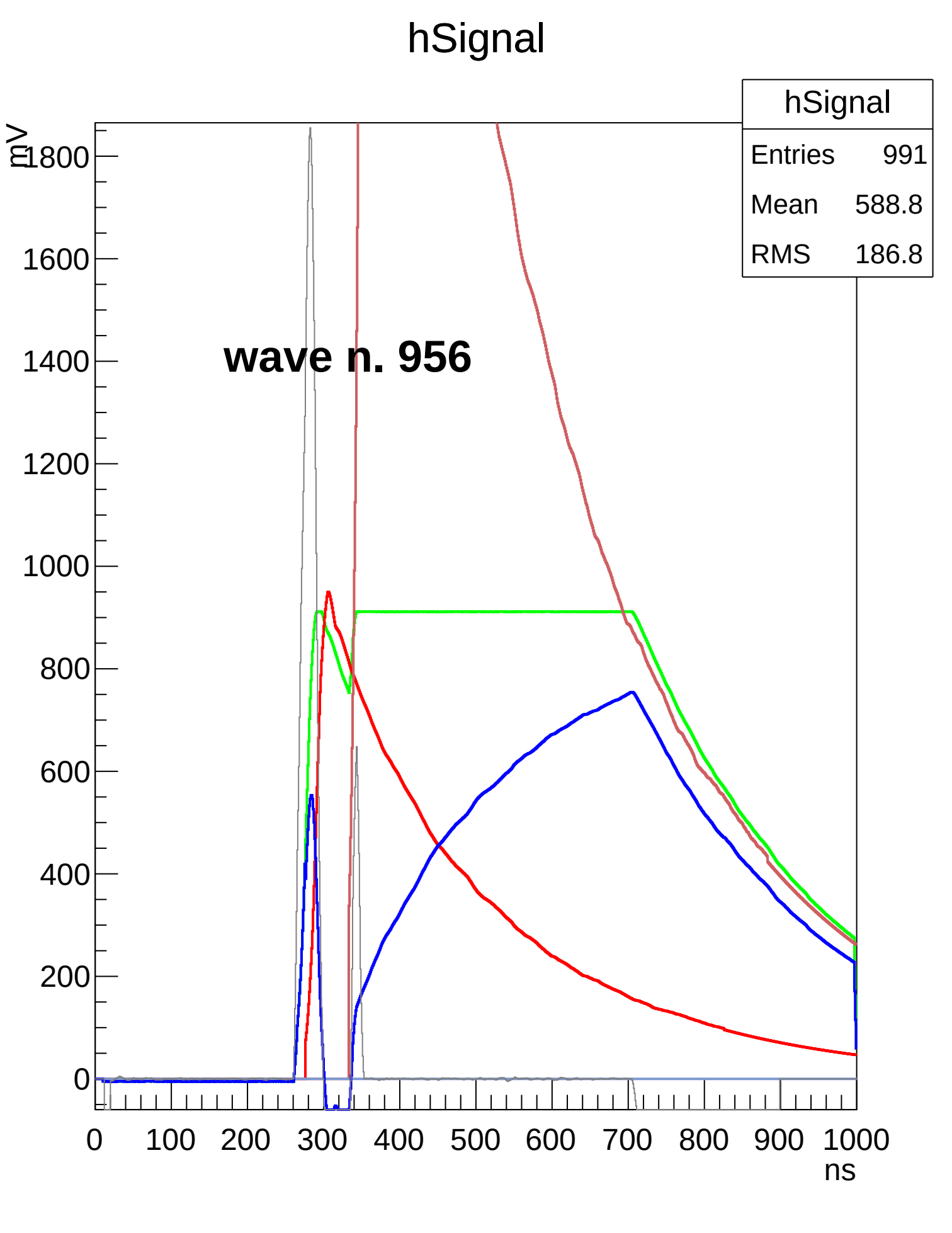
ns


hSignal
hSignal
Entries 991
Mean 588.8
RMS 186.8
wave n. 956
mV
1800
1600
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1200
1000
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600
400
200
0
0
100
200
300
400
500
600
700
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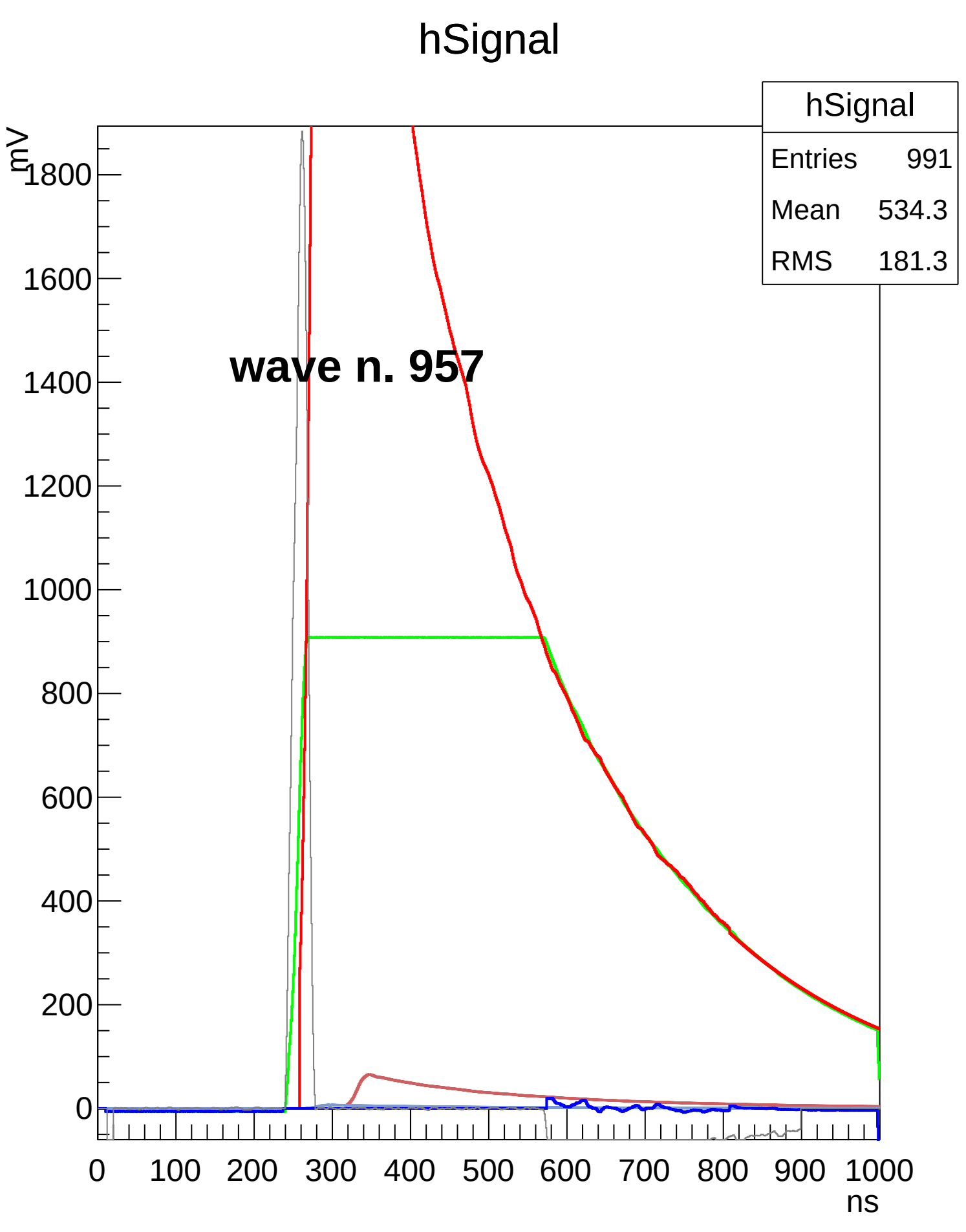
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.3
RMS 181.3
wave n. 957
mV
1800
1600
1400
1200
1000
800
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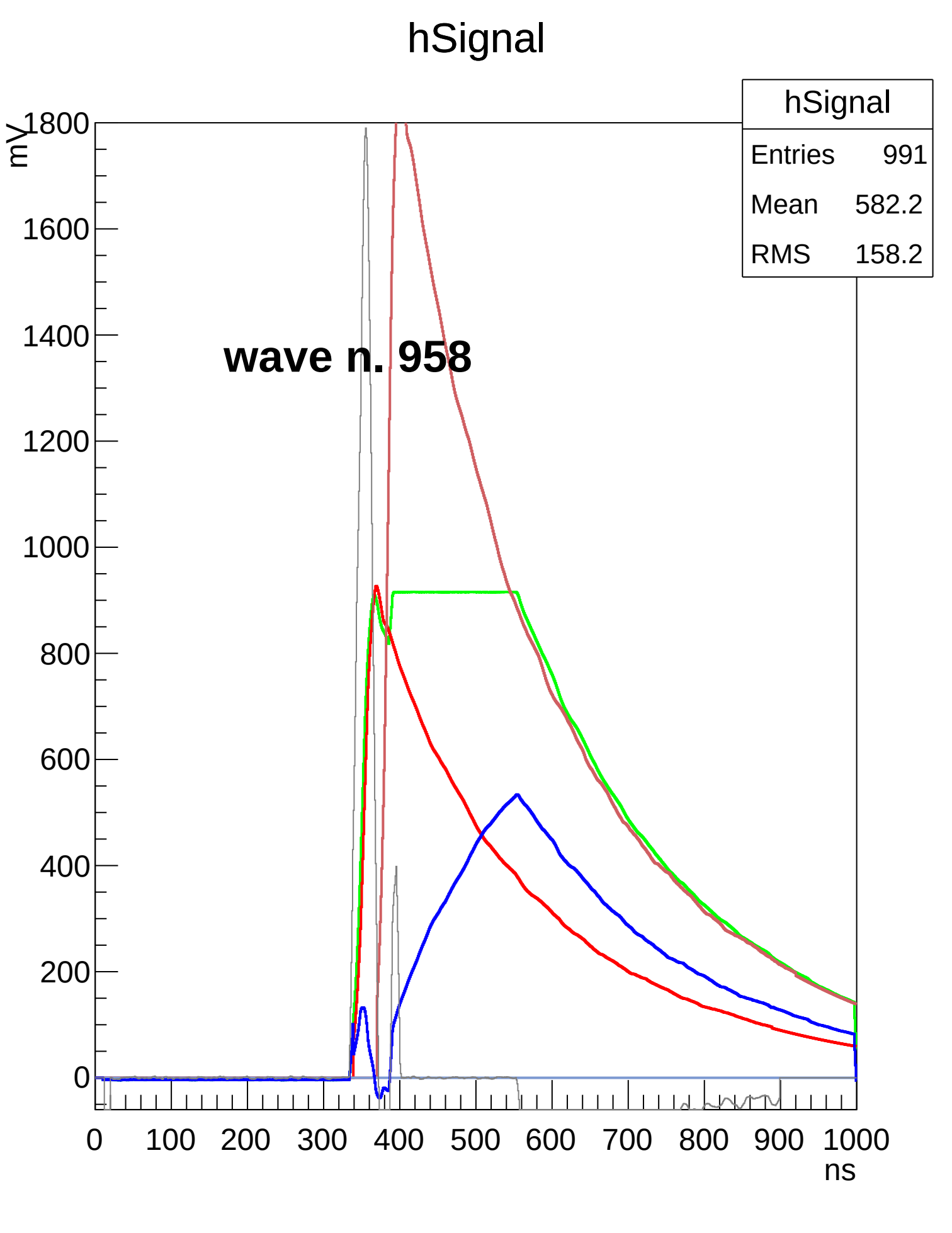
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 582.2
RMS 158.2
wave n. 958
mV
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1400
1200
1000
800
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400
200
0
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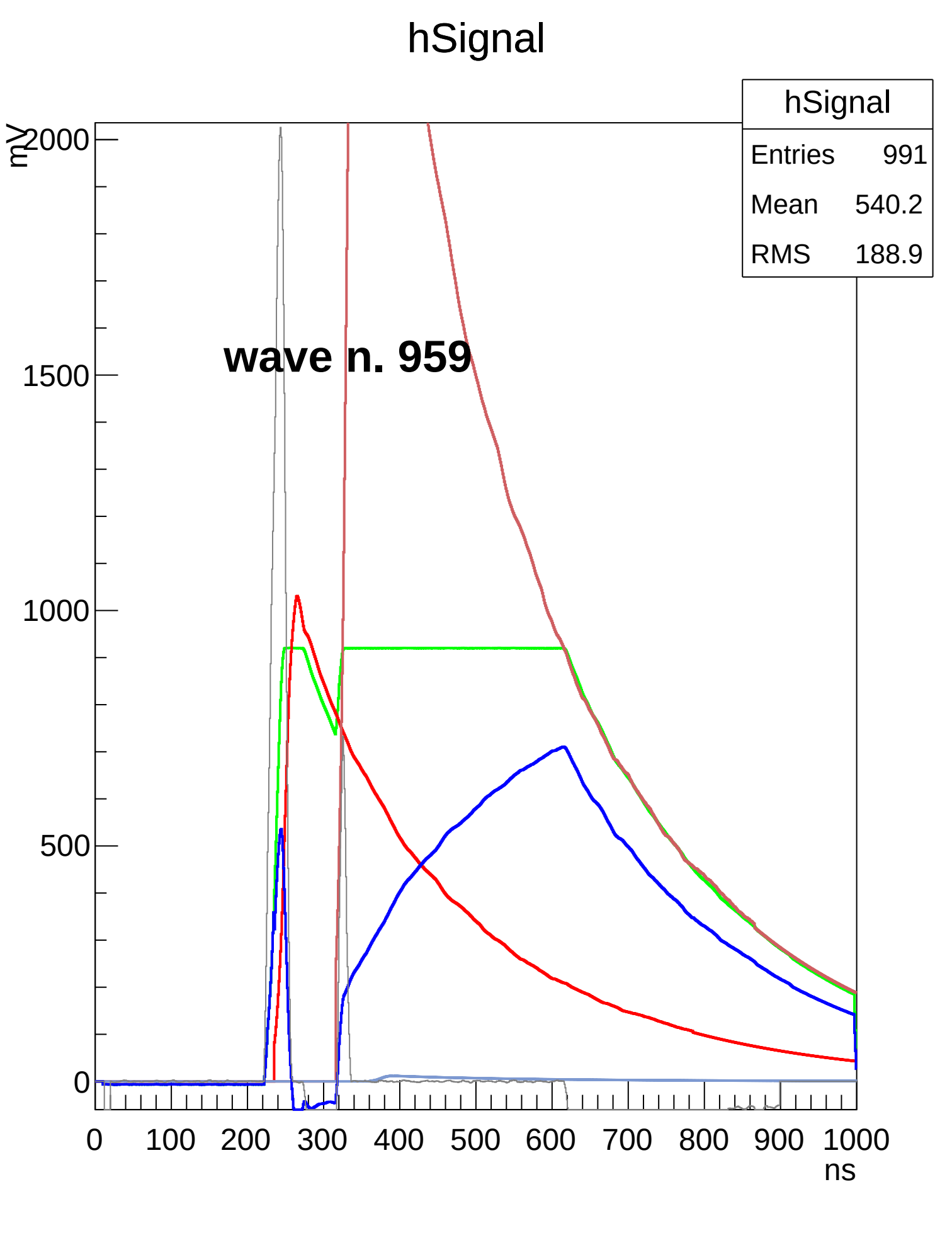
ns


hSignal
hSignal
Entries 991
Mean 540.2
RMS 188.9
wave n. 959
mV
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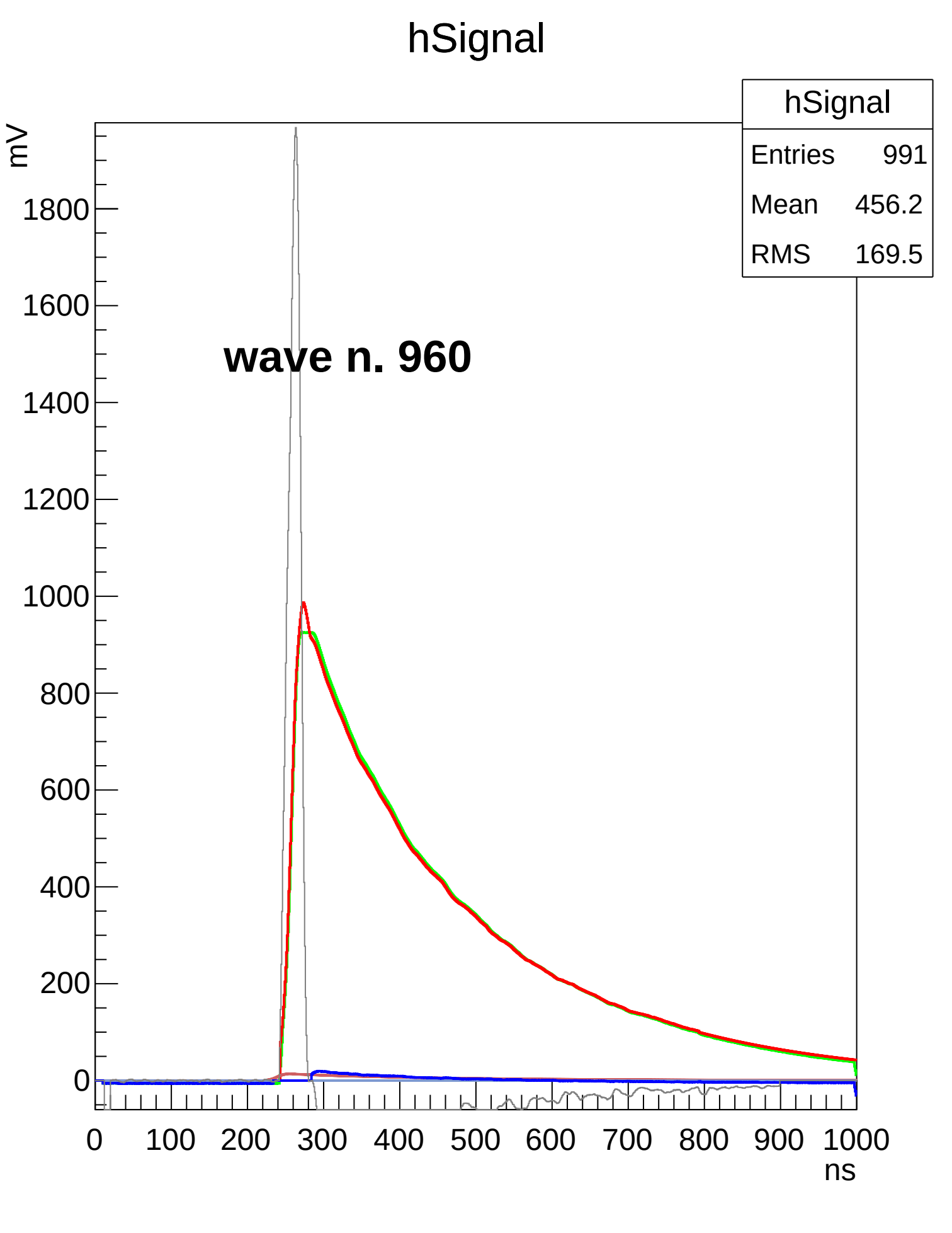
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 456.2
RMS 169.5
wave n. 960
mV
1800
1600
1400
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1000
800
600
400
200
0
0
100
200
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400
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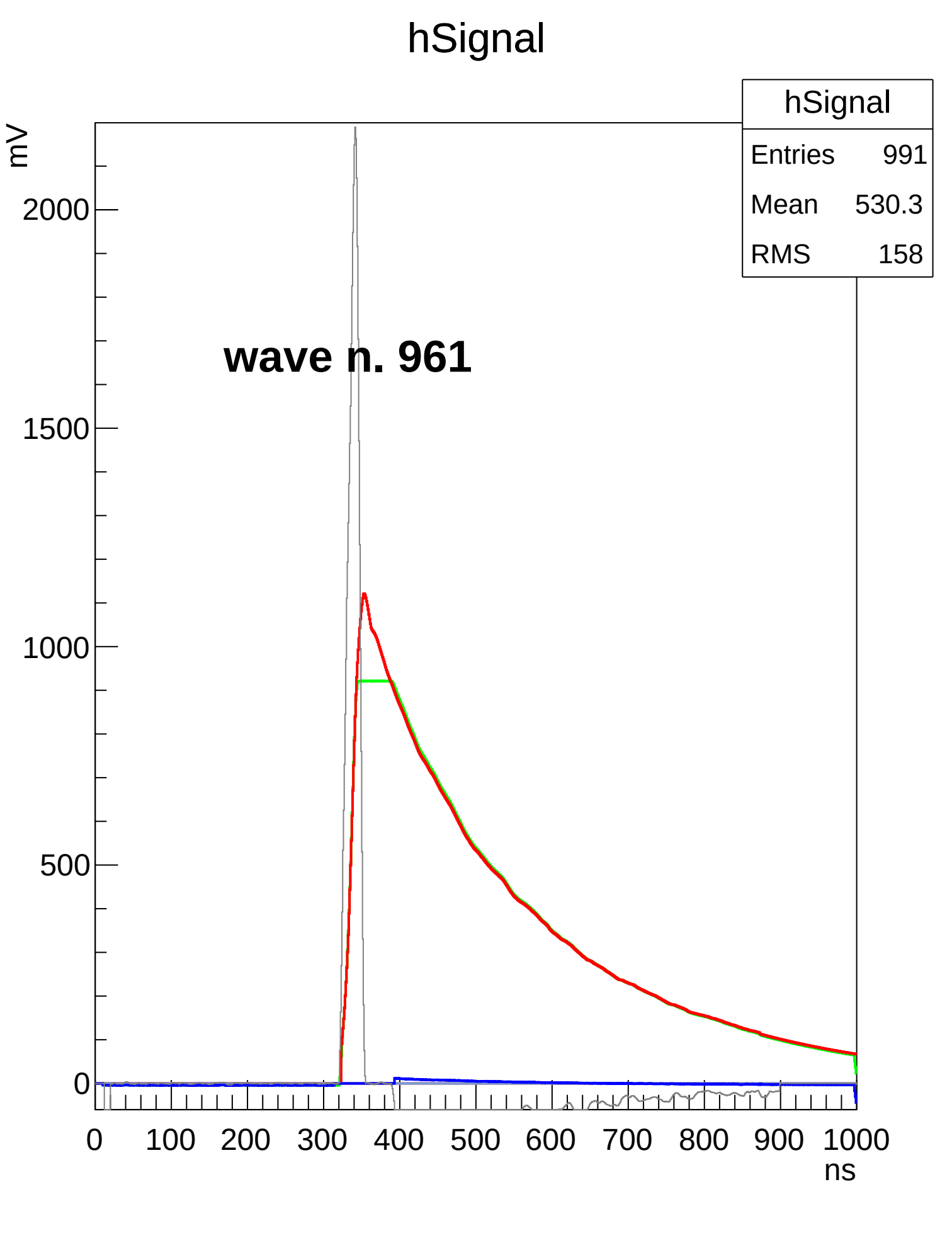
1000
ns


hSignal
hSignal
Entries 991
Mean 530.3
RMS 158
wave n. 961
mV
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1500
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500
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0
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200
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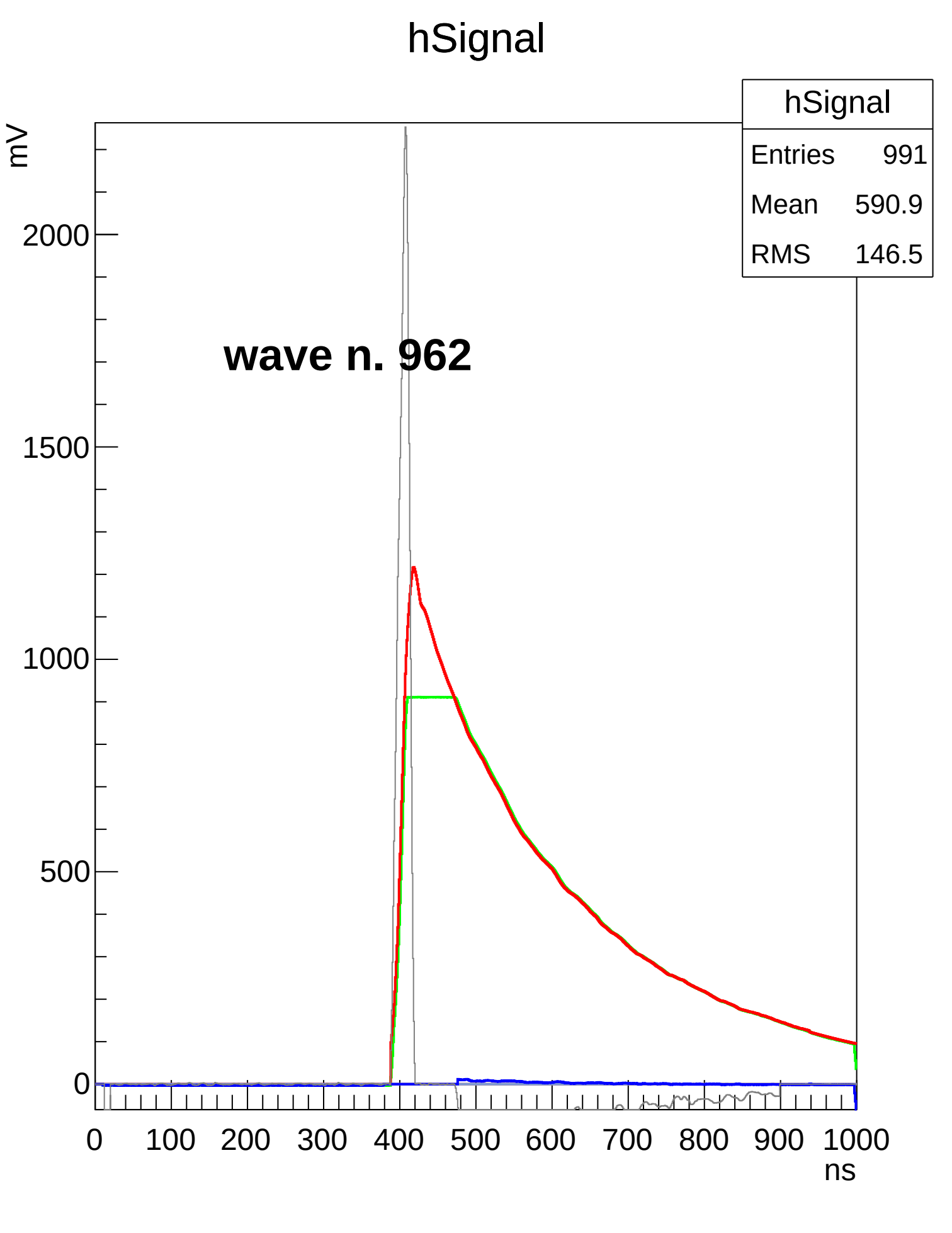
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 590.9
RMS 146.5
wave n. 962
mV
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0
100
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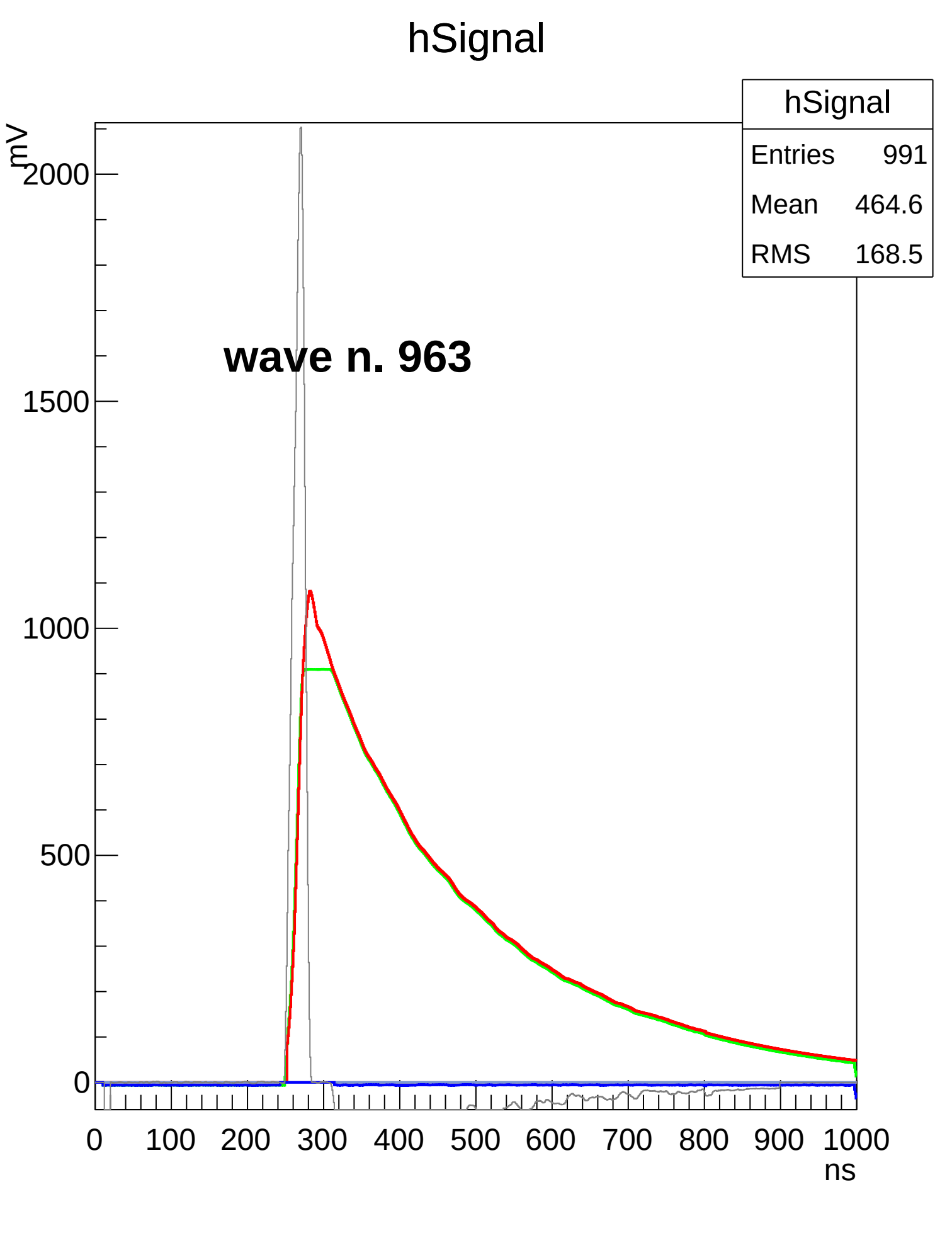
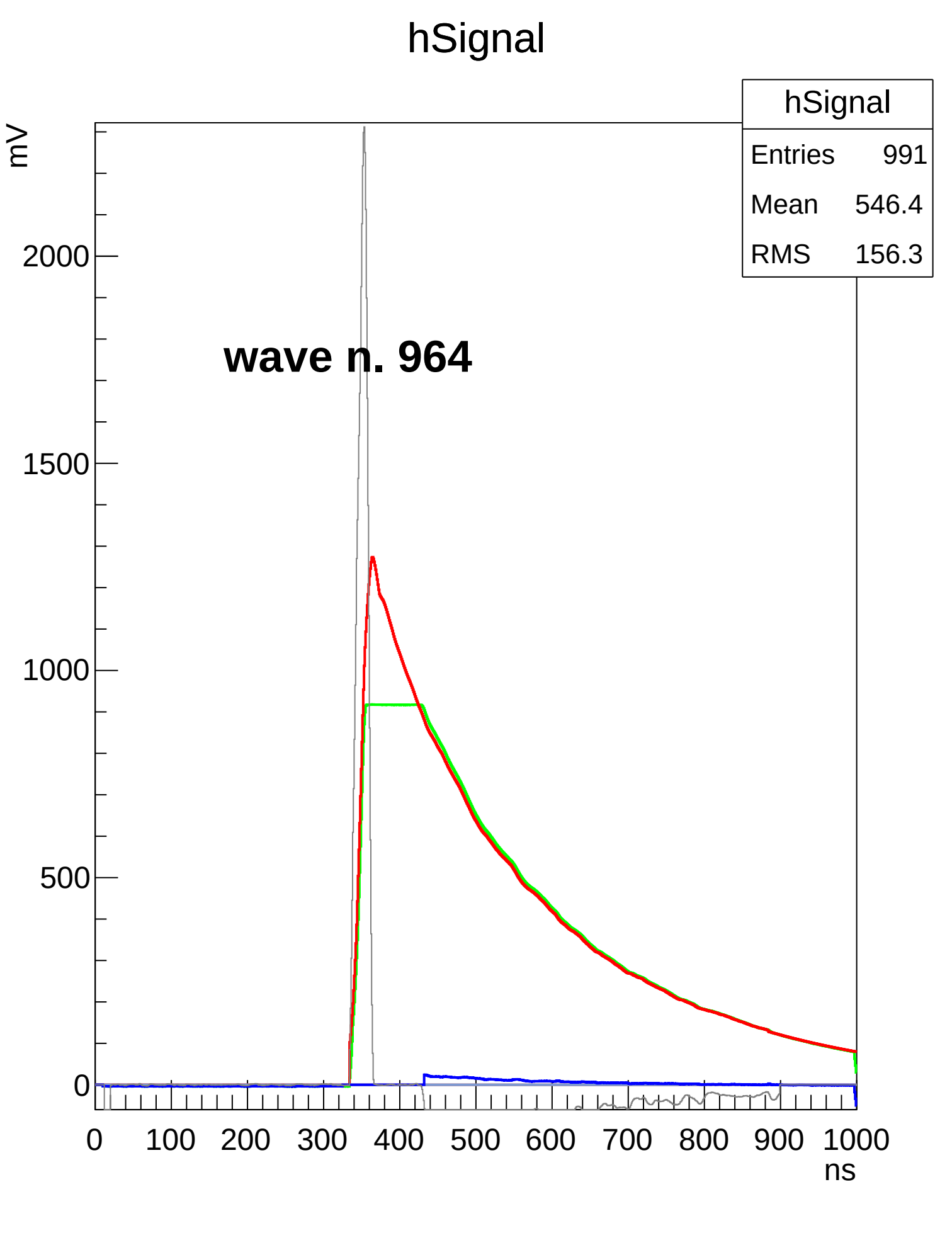
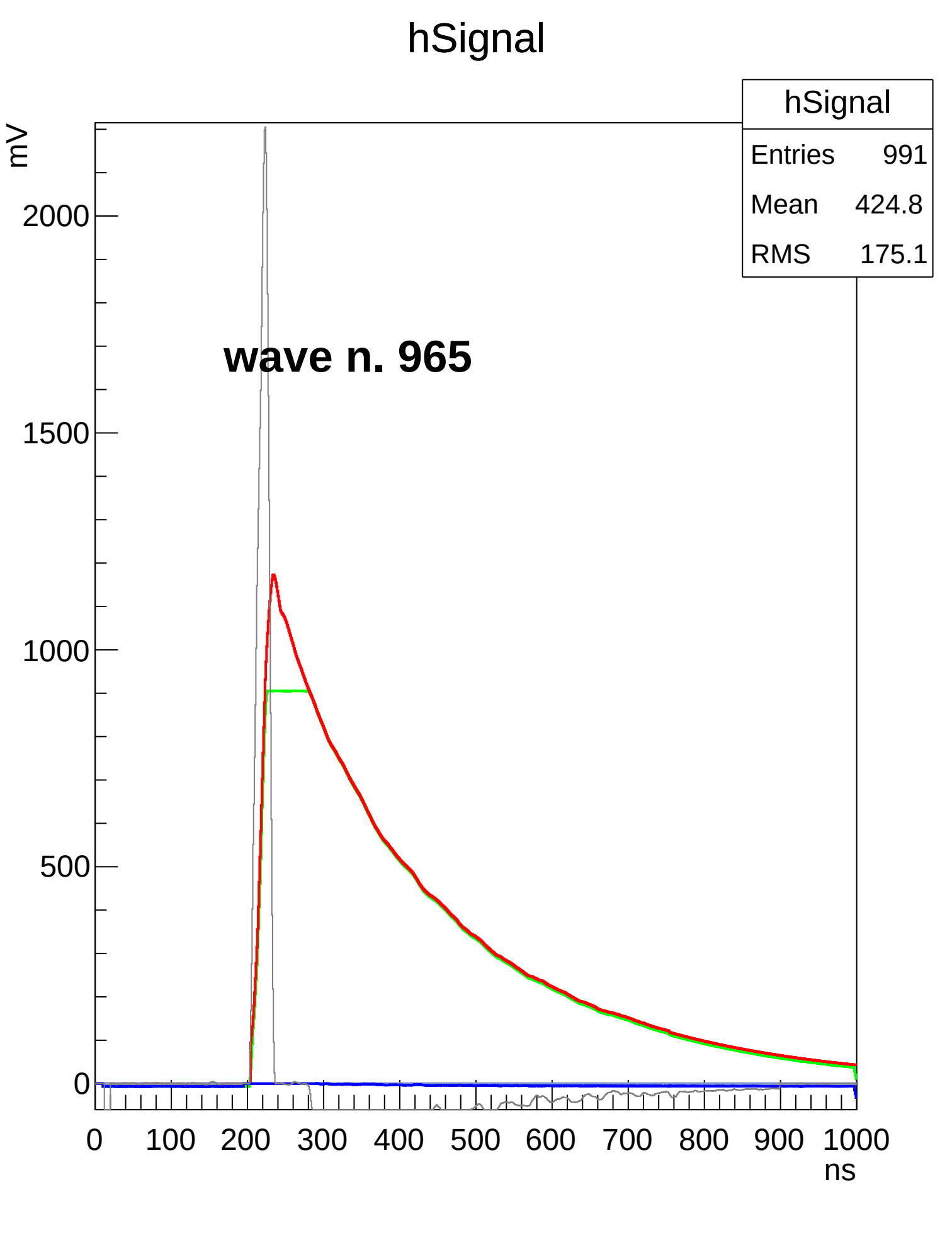
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 464.6
RMS 168.5
wave n. 963
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 546.4
RMS 156.3
wave n. 964
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 424.8
RMS 175.1
wave n. 965
mV
2000
1500
1000
500
0
0
100
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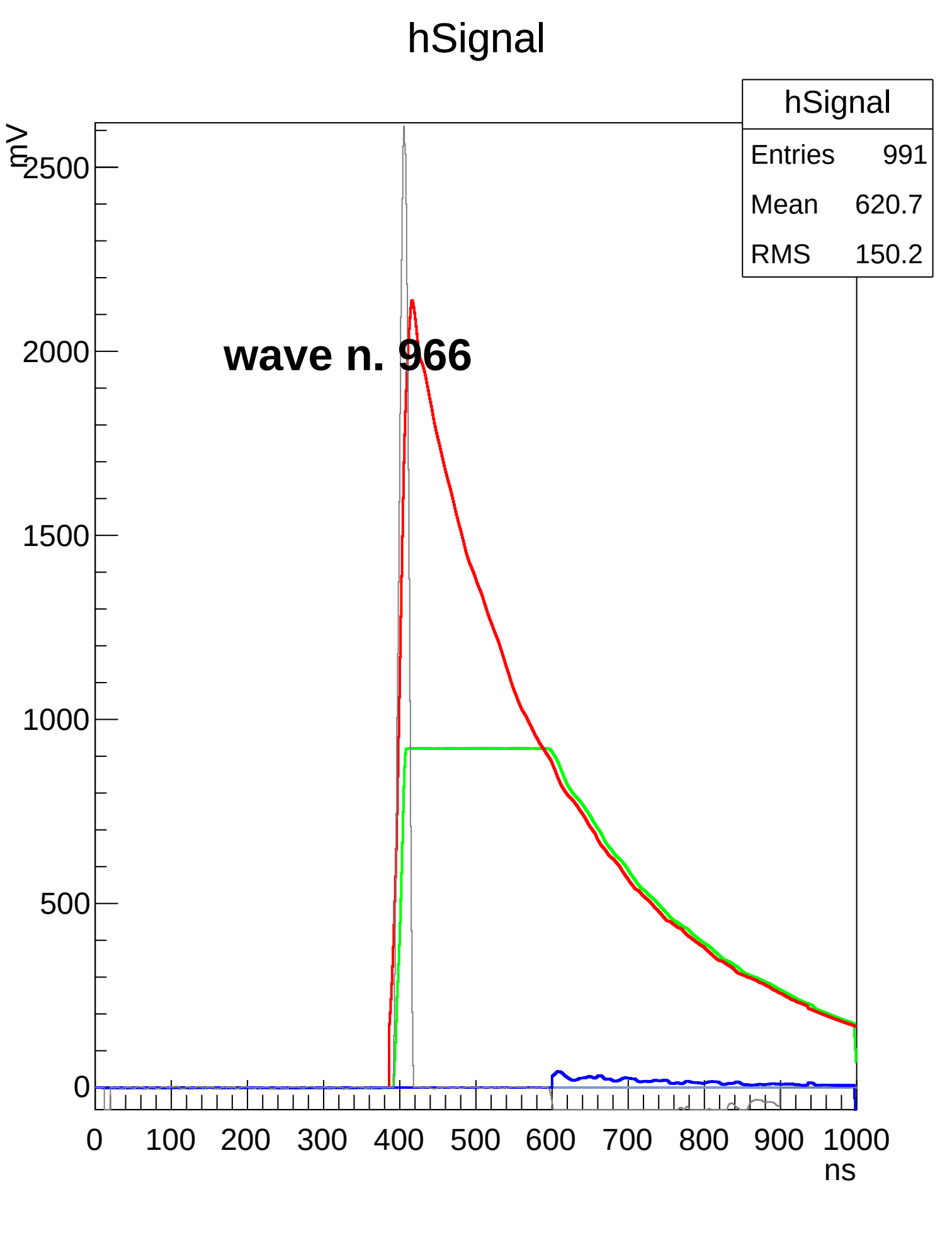
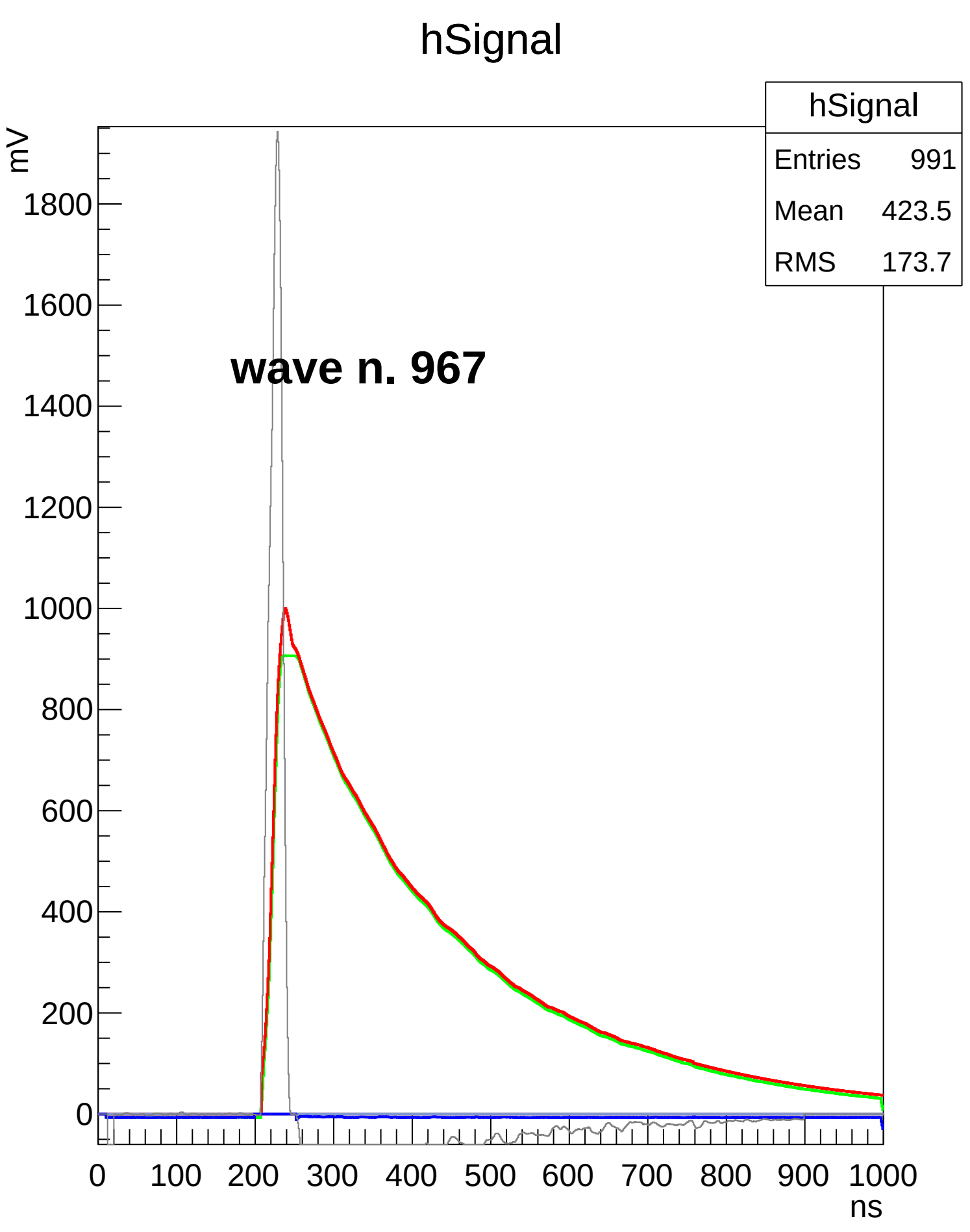
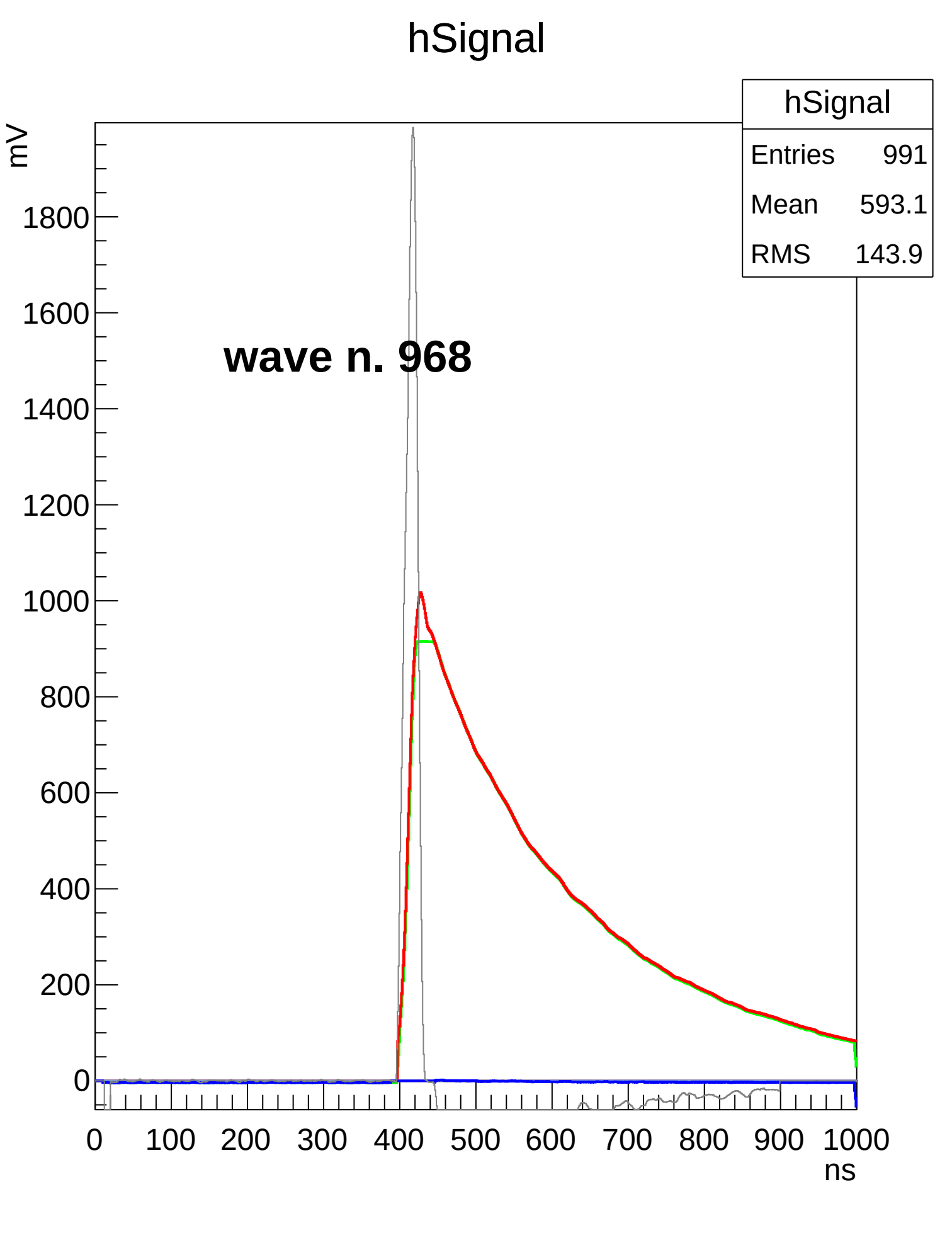
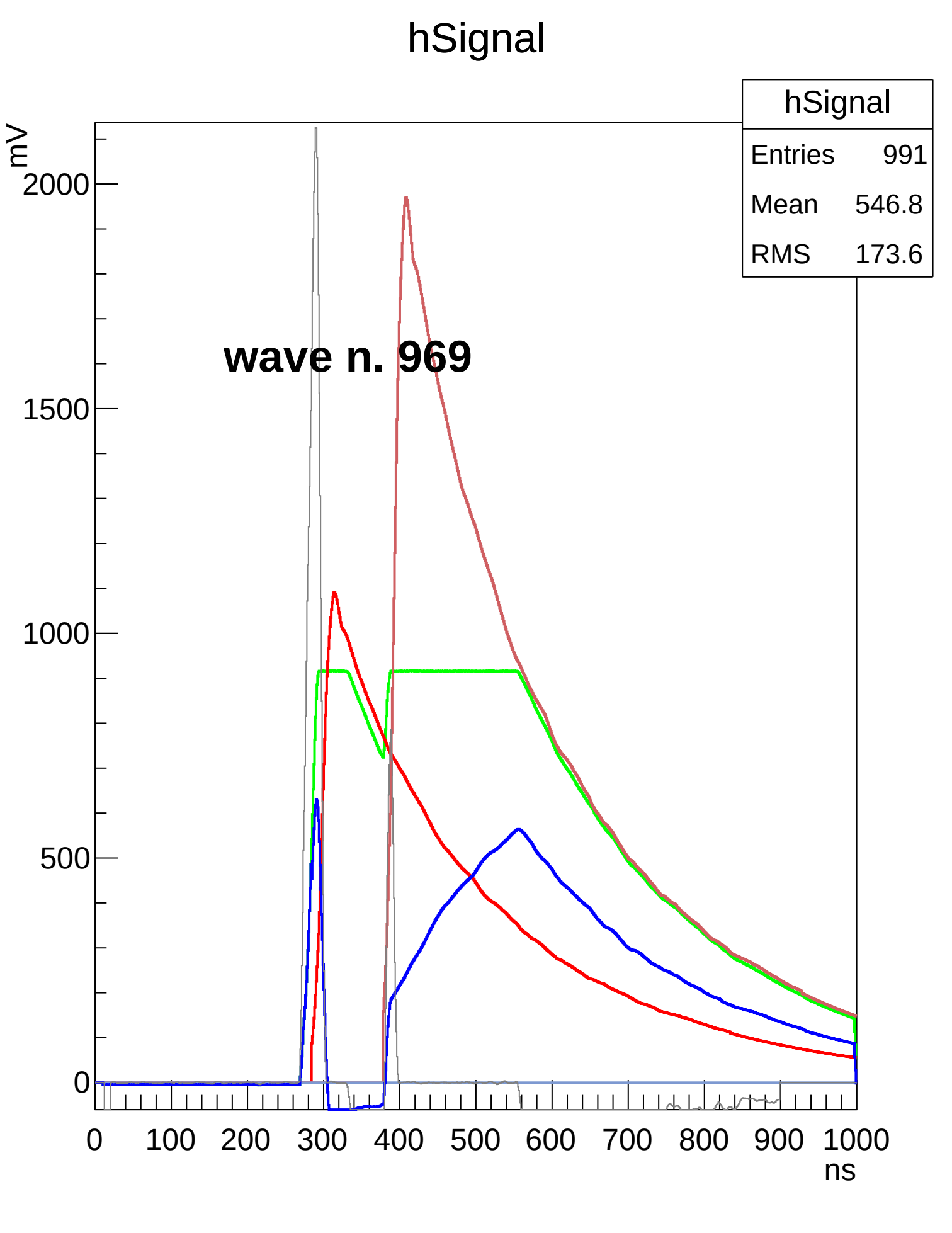
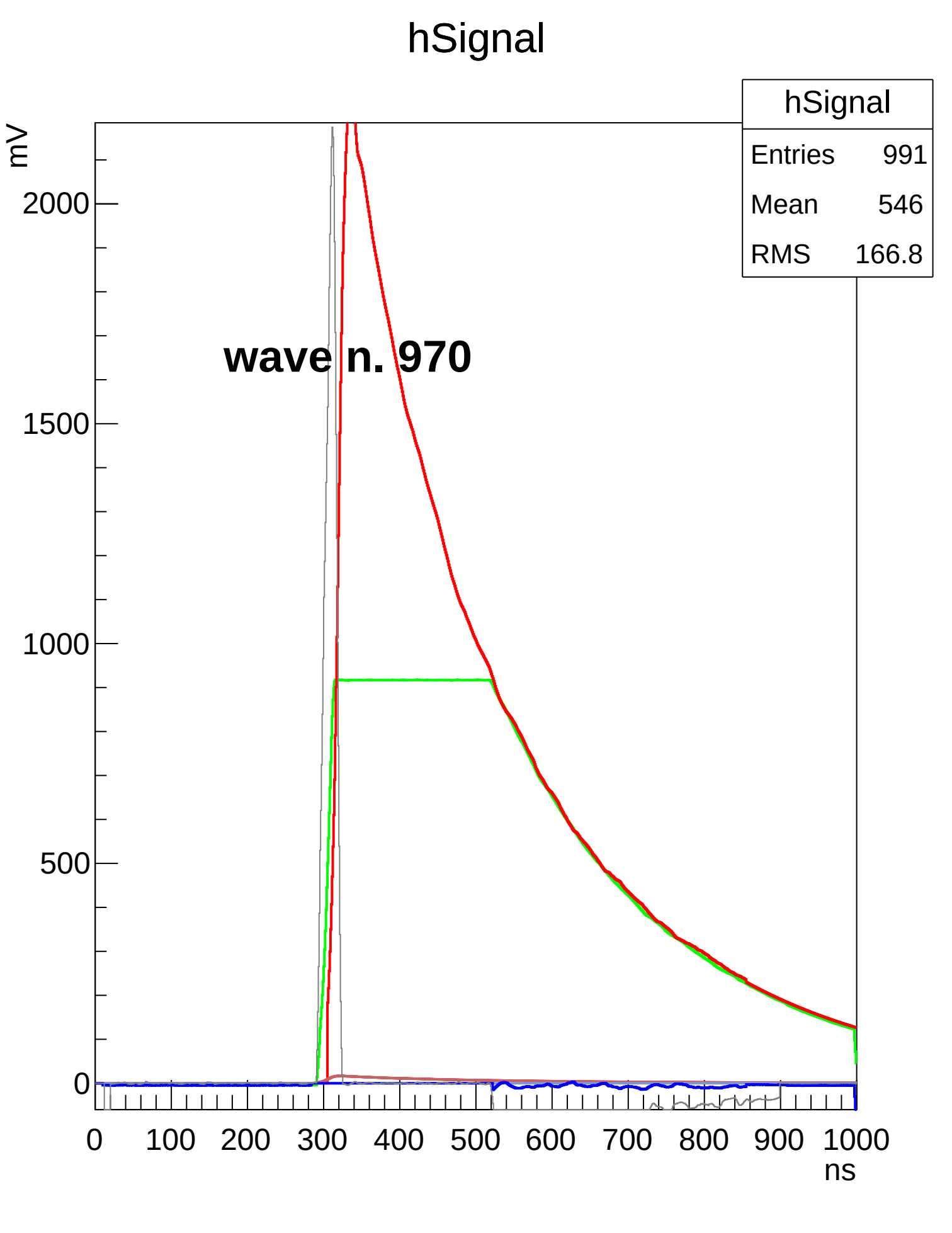
400
500
600
700
800
900
1000
ns

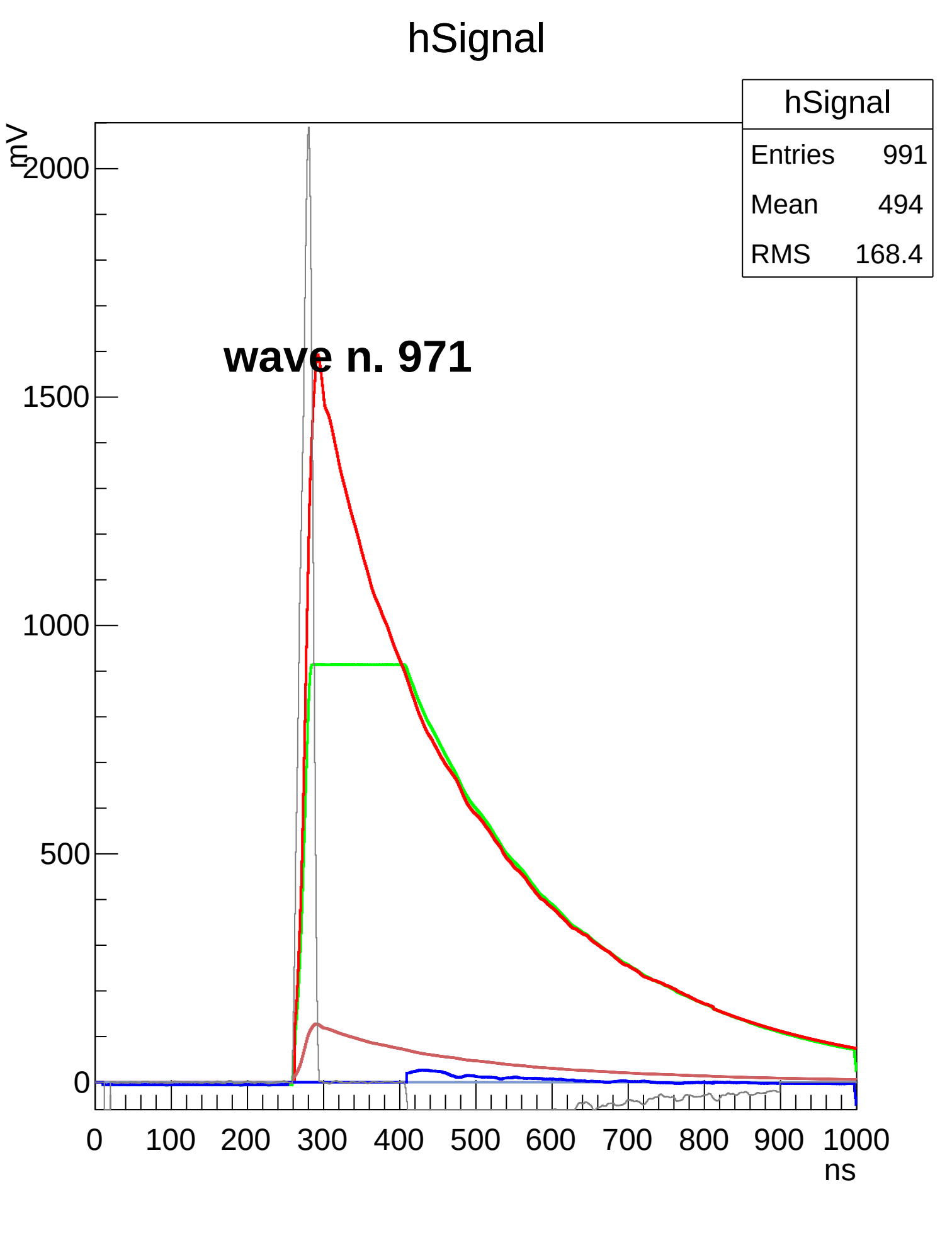

hSignal
hSignal
Entries 991
Mean 620.7
RMS 150.2
wave n. 966
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

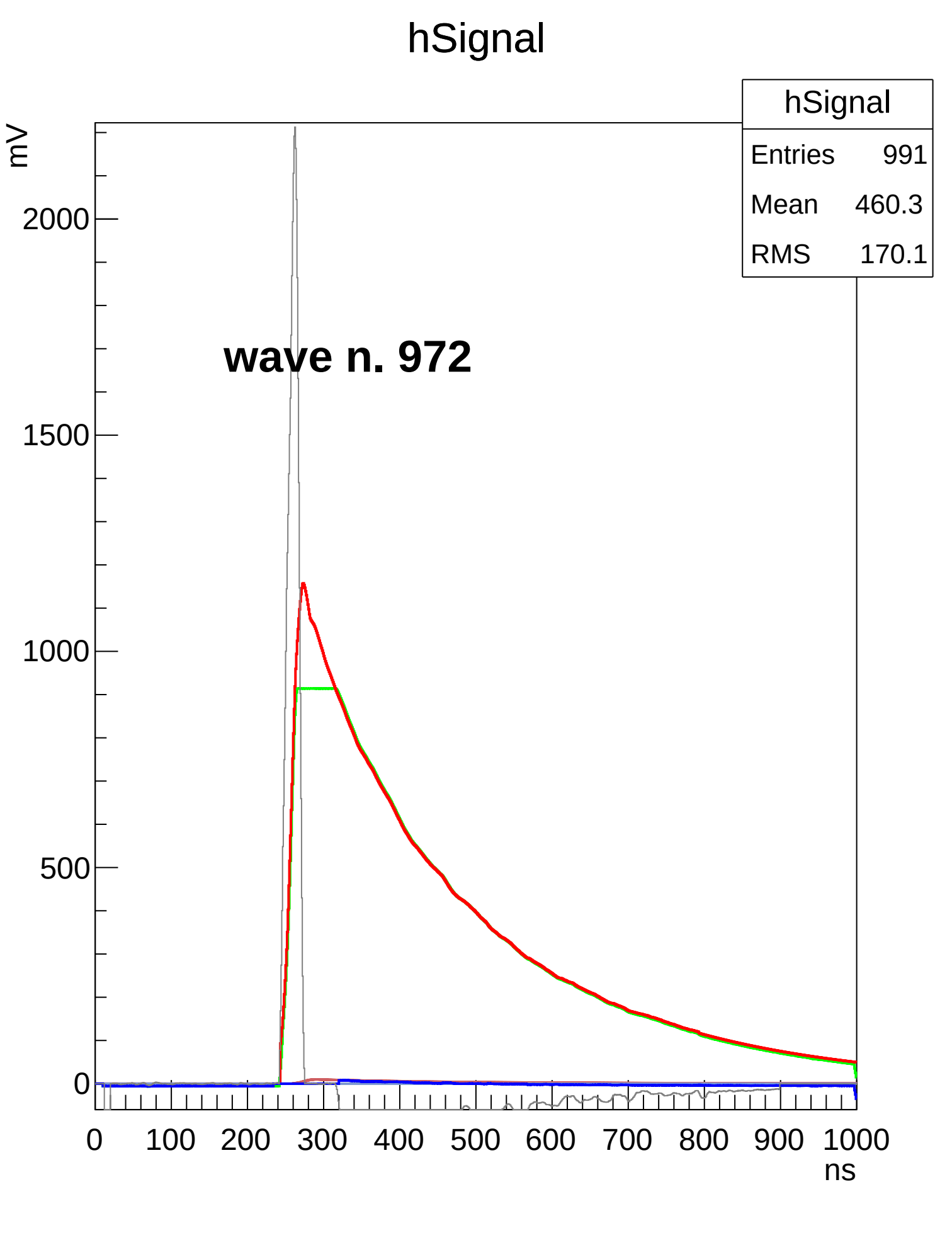

hSignal
hSignal
Entries 991
Mean 423.5
RMS 173.7
wave n. 967
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

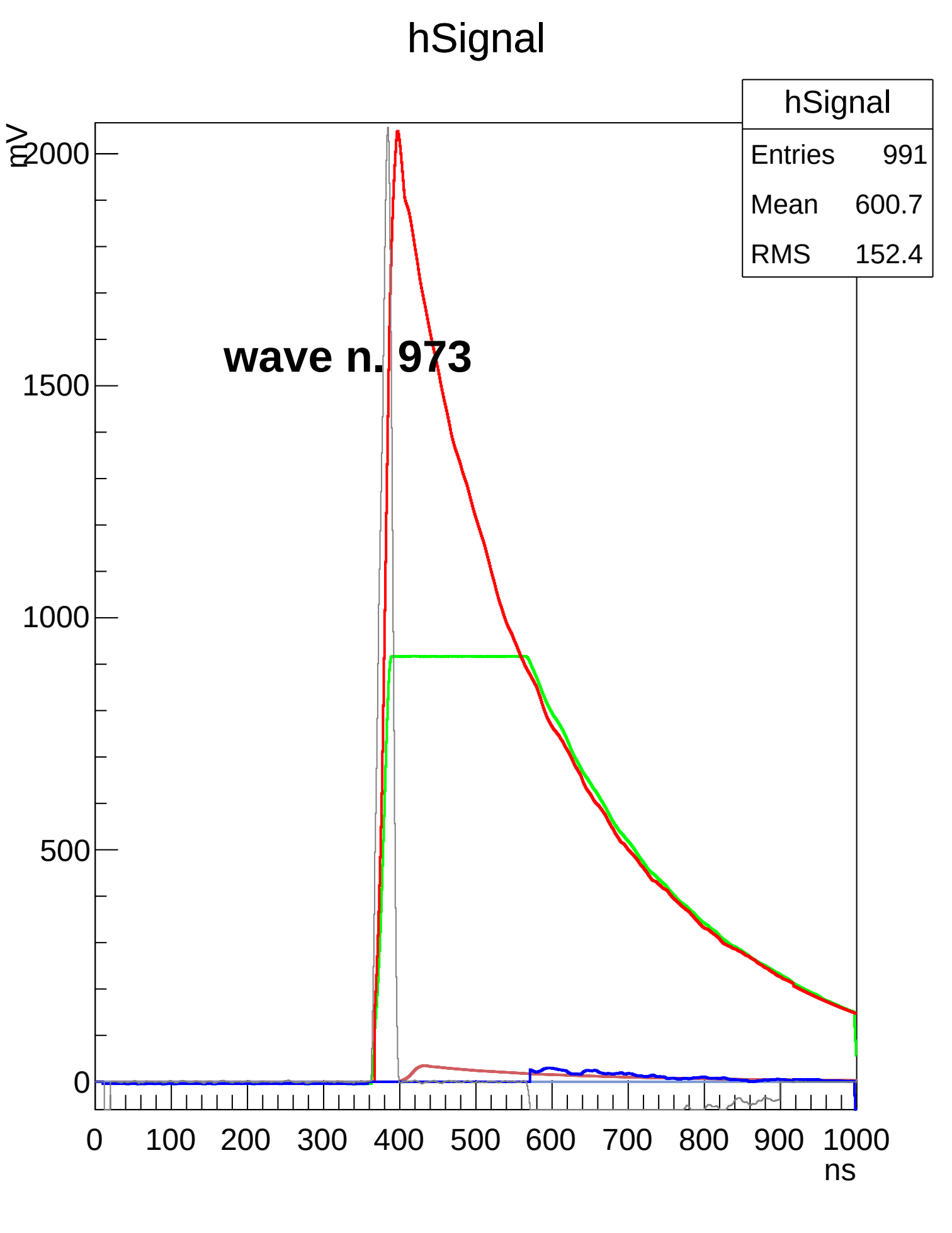

hSignal
hSignal
Entries 991
Mean 593.1
RMS 143.9
wave n. 968
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 546.8
RMS 173.6
wave n. 969
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 546
RMS 166.8
wave n. 970
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 494
RMS 168.4
wave n. 971
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 460.3
RMS 170.1
wave n. 972
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 600.7
RMS 152.4
wave n. 973
mV
2000
1500
1000
500
0
0
100
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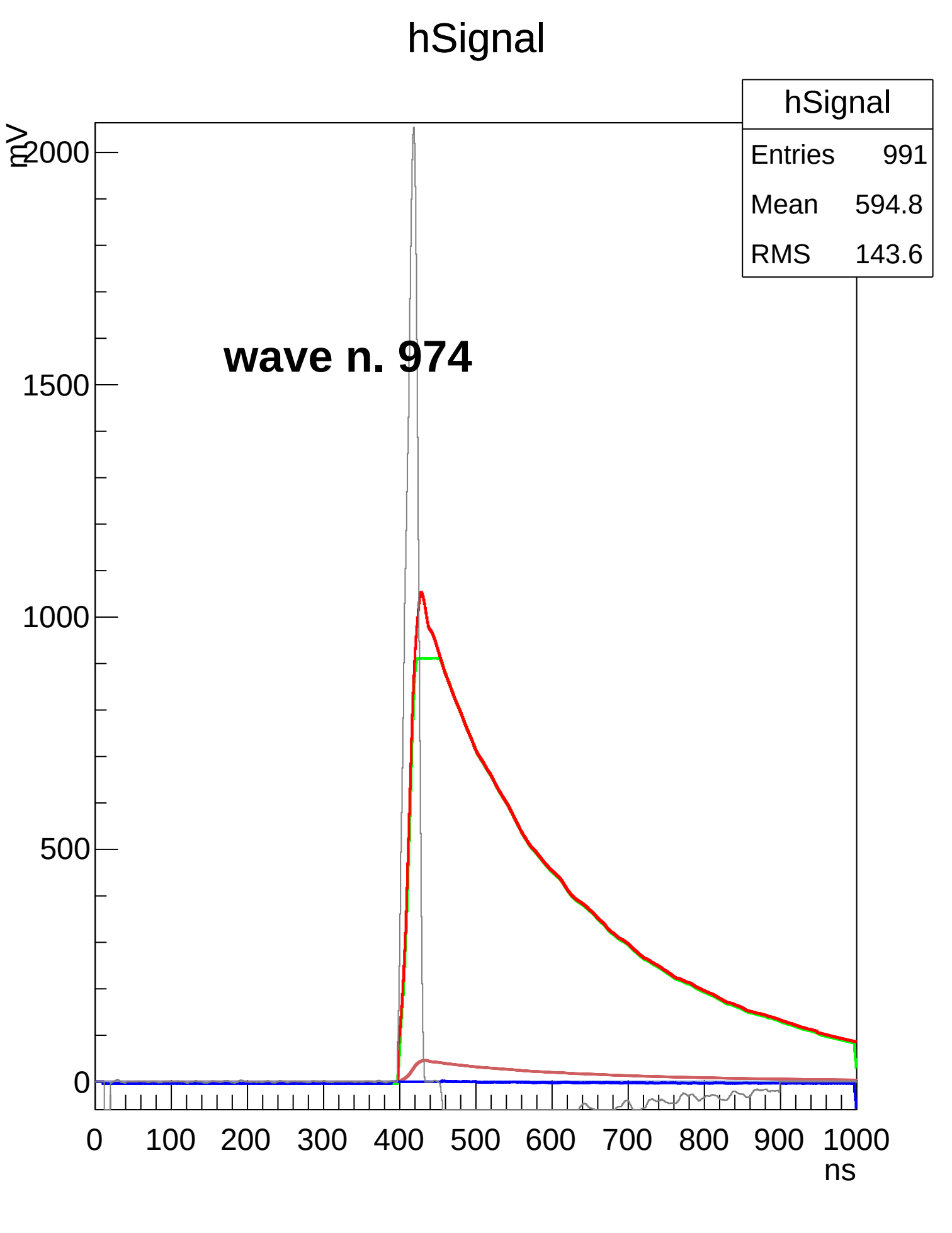
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 594.8
RMS 143.6
wave n. 974
mV
2000
1500
1000
500
0
0
100
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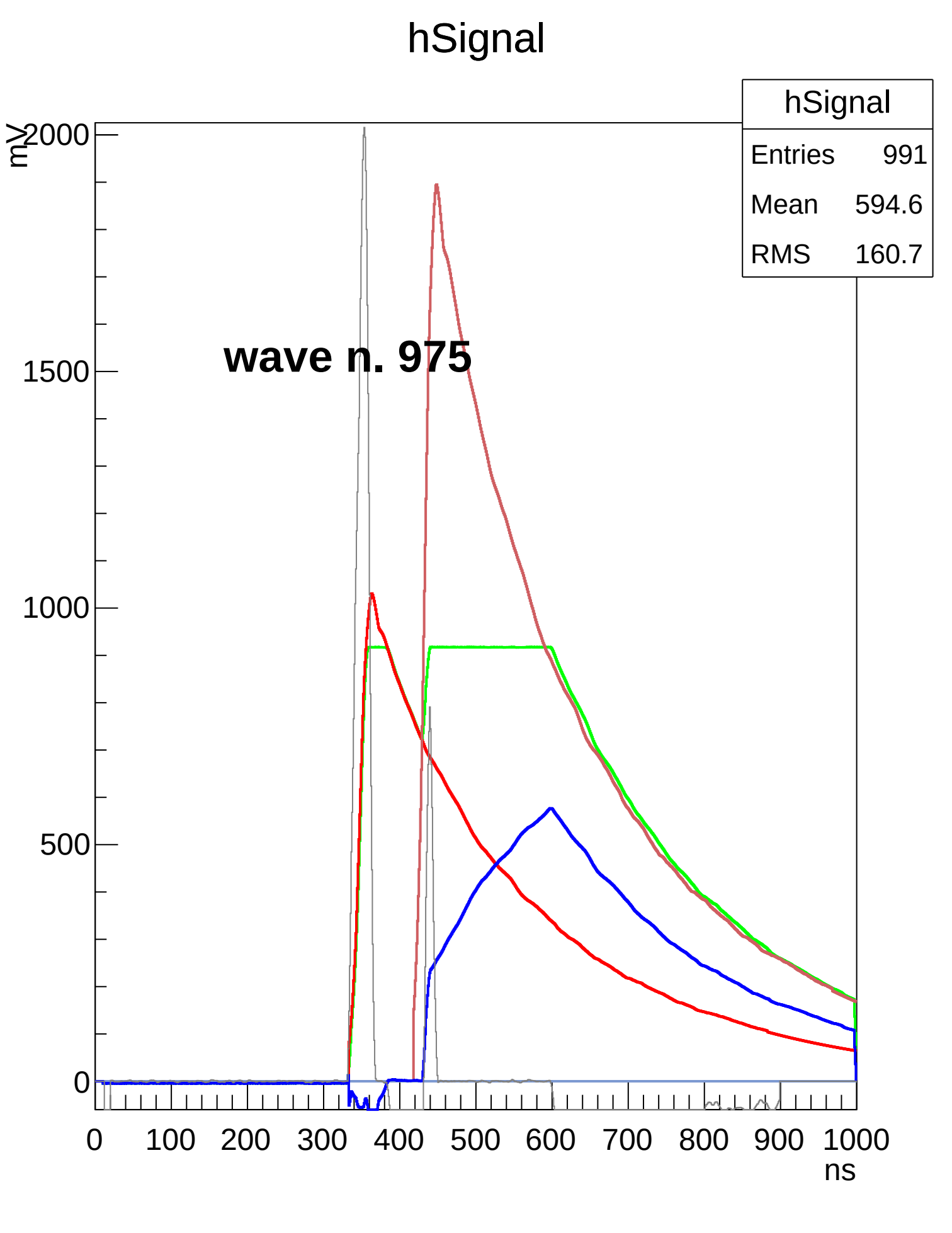
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 594.6
RMS 160.7
wave n. 975
mV
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1500
1000
500
0
0
100
200
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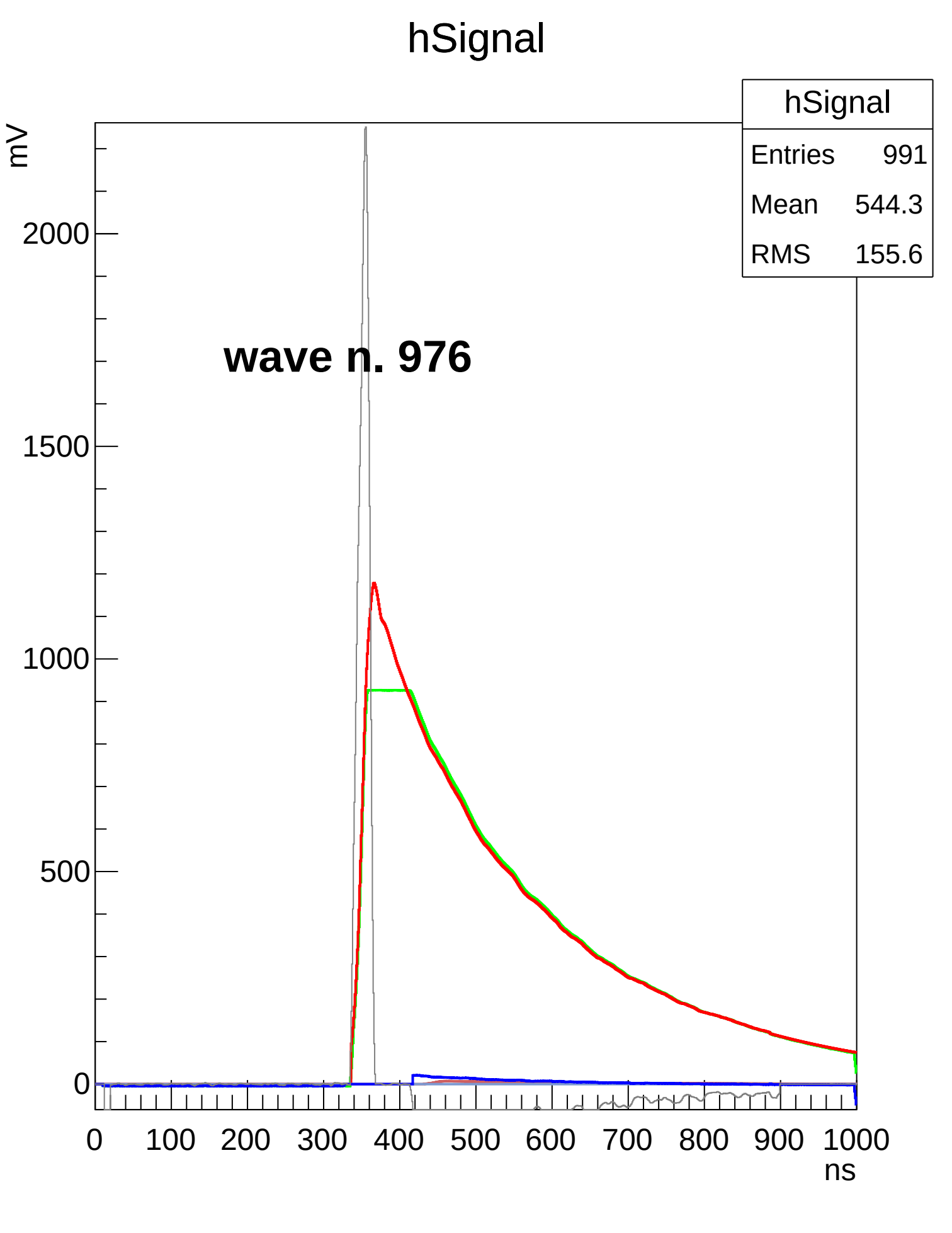
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 544.3
RMS 155.6
wave n. 976
mV
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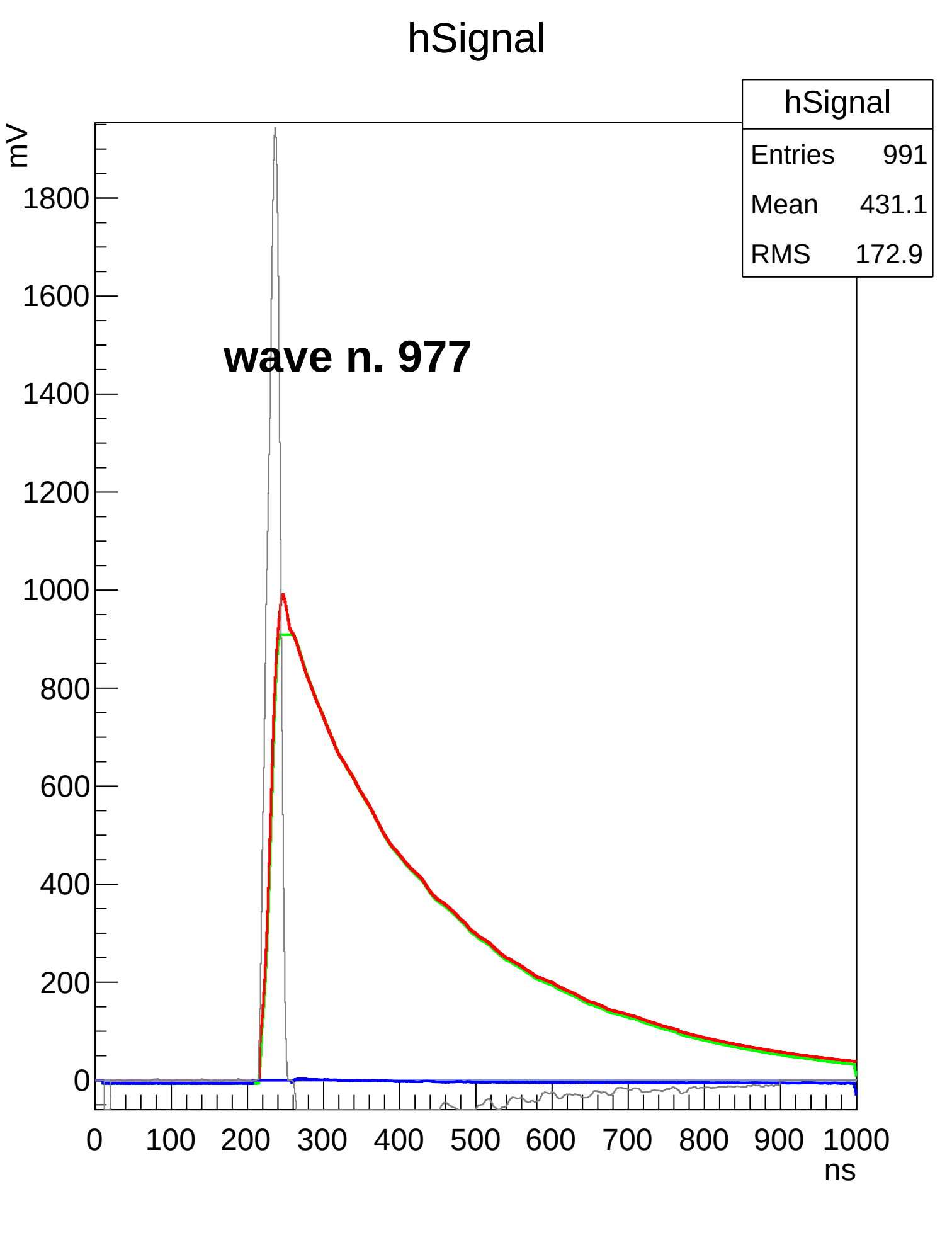
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 431.1
RMS 172.9
wave n. 977
mV
1800
1600
1400
1200
1000
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600
400
200
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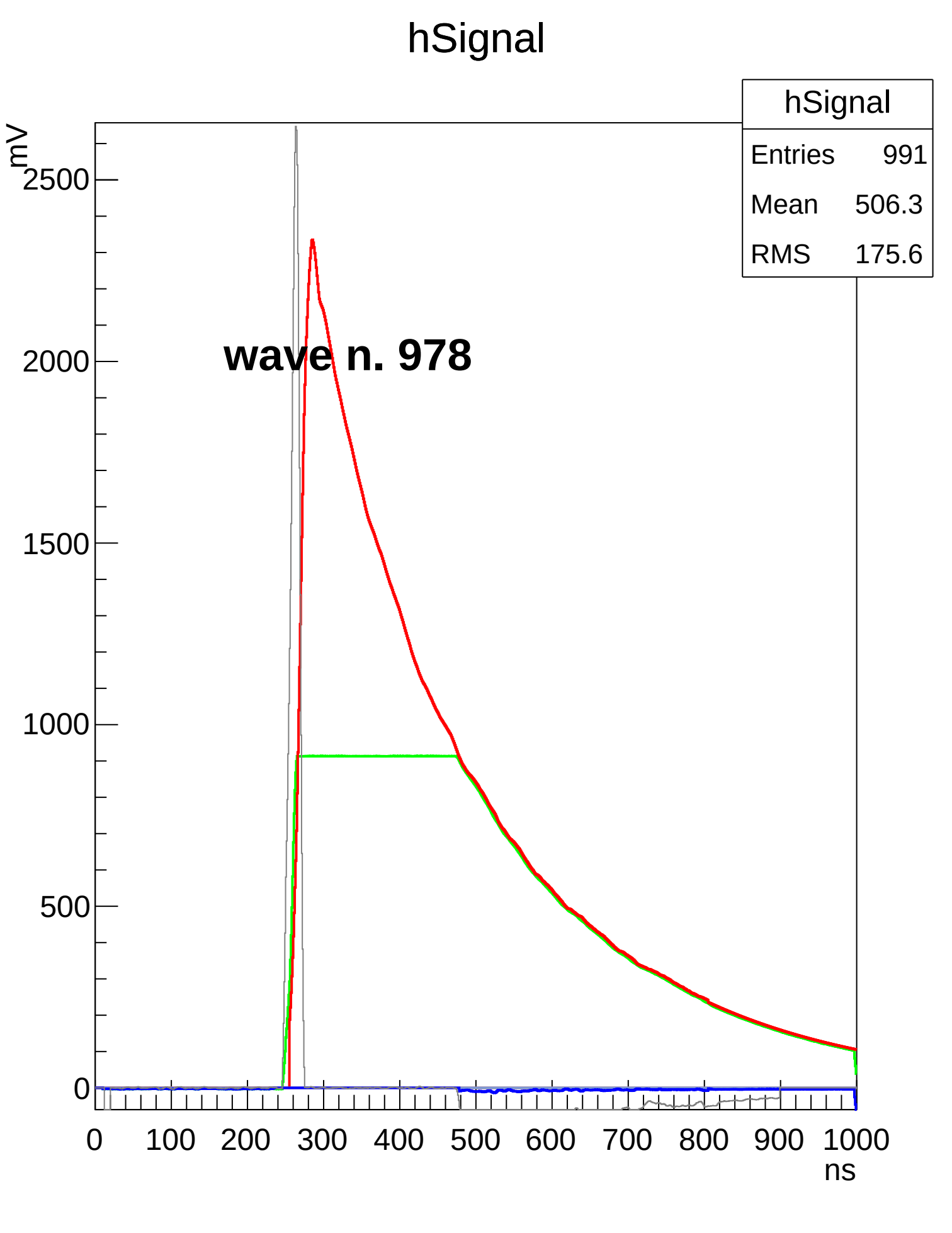
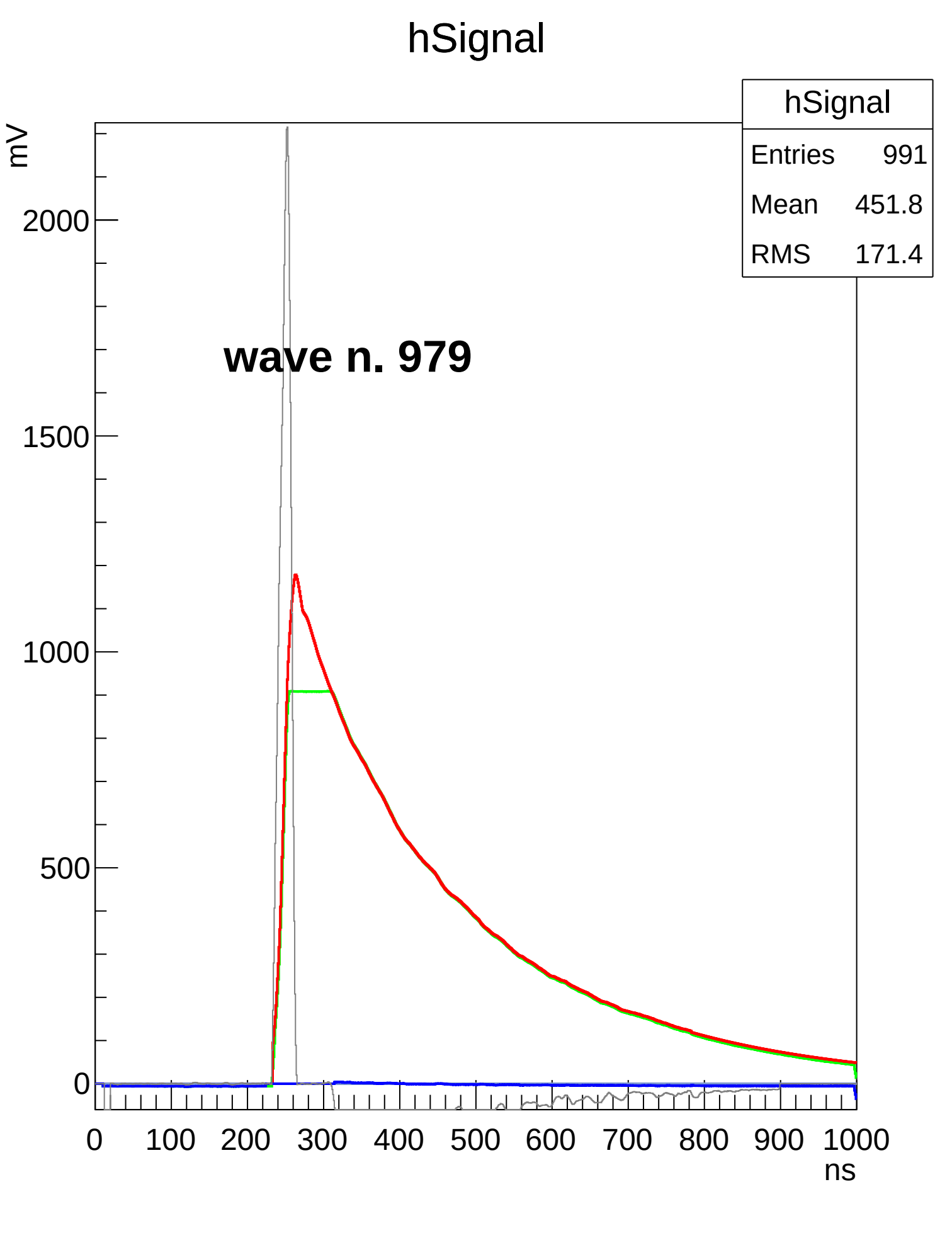
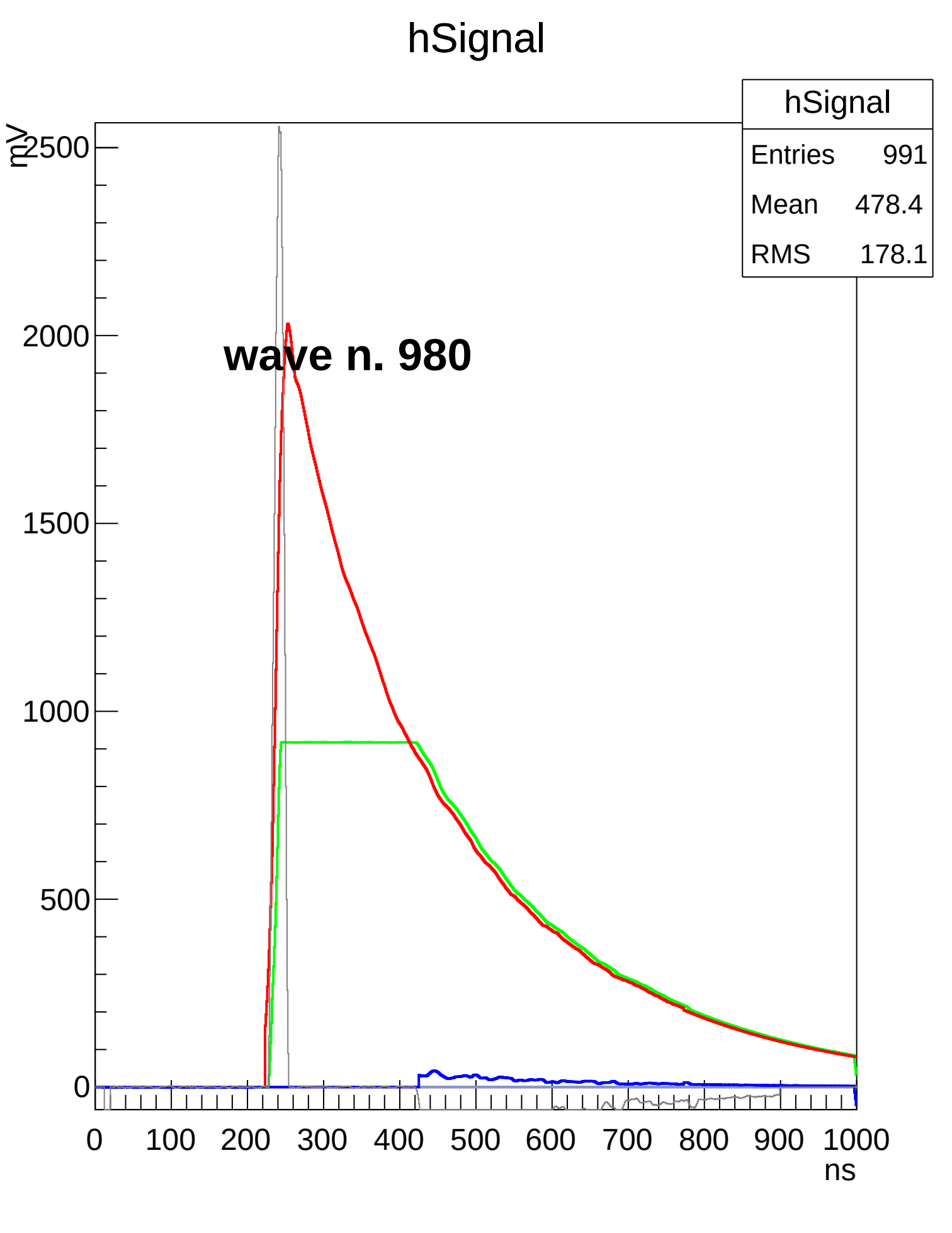
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506.3
RMS 175.6
wave n. 978
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 451.8
RMS 171.4
wave n. 979
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 478.4
RMS 178.1
wave n. 980
mV
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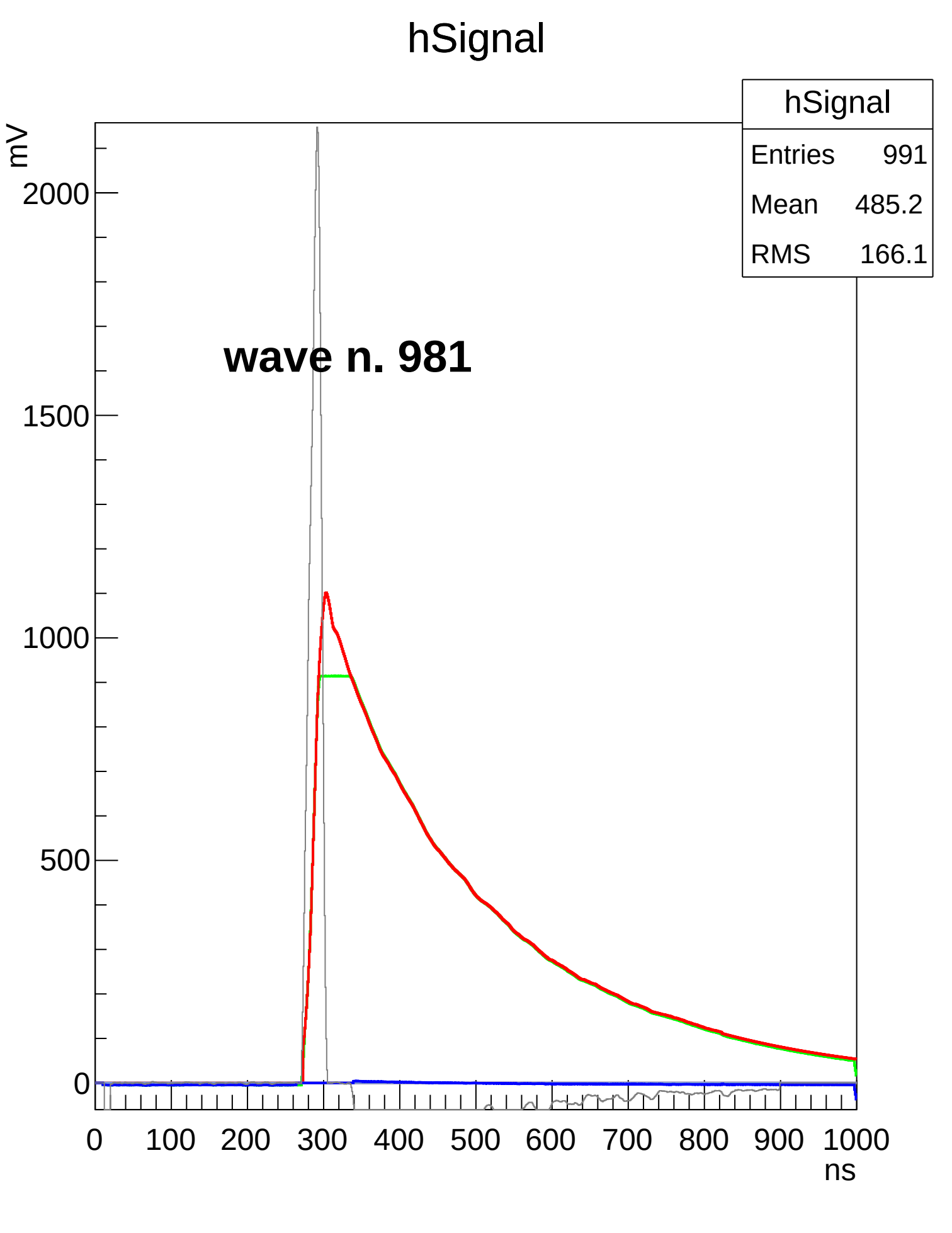
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485.2
RMS 166.1
wave n. 981
mV
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1500
1000
500
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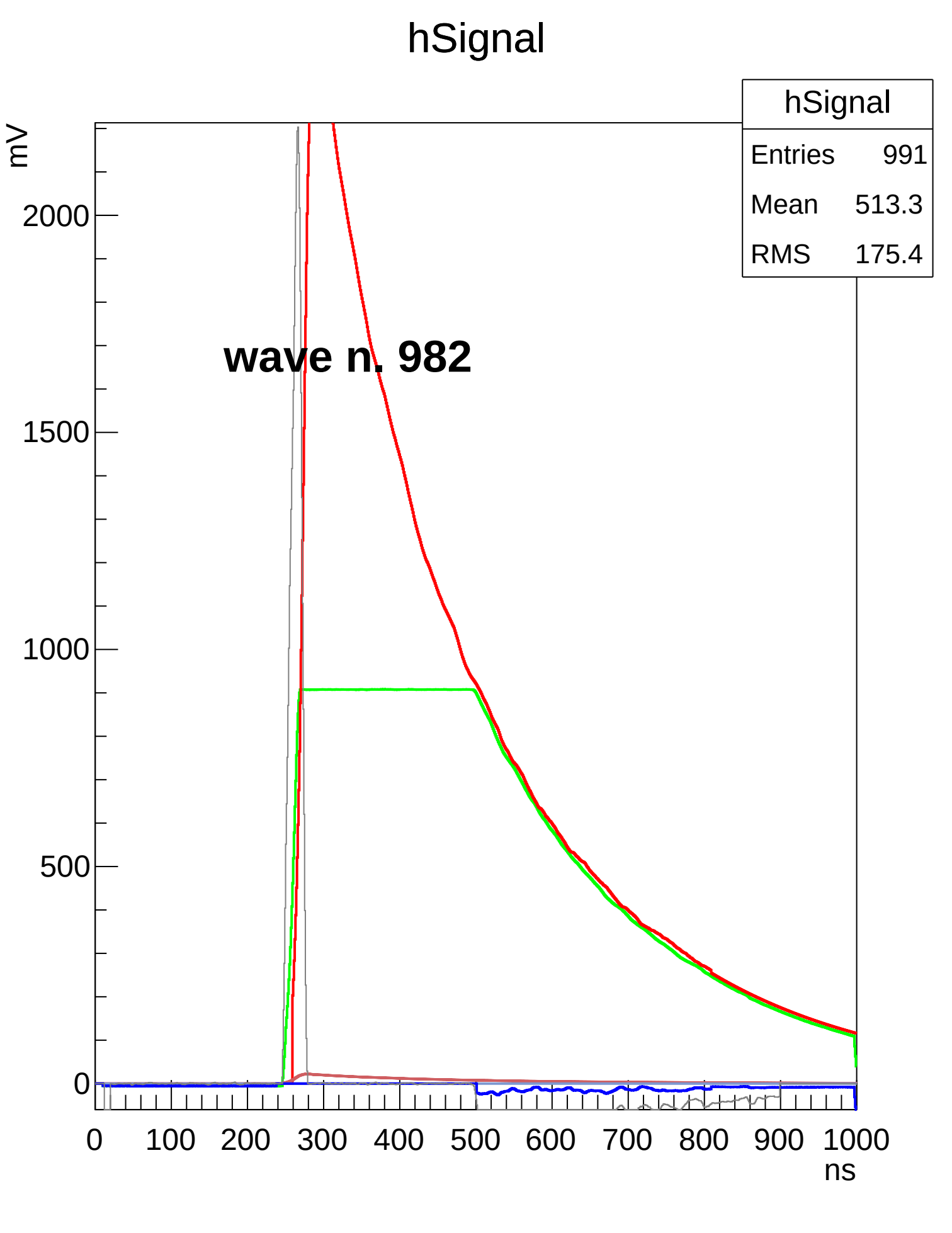
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 513.3
RMS 175.4
wave n. 982
mV
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1000
500
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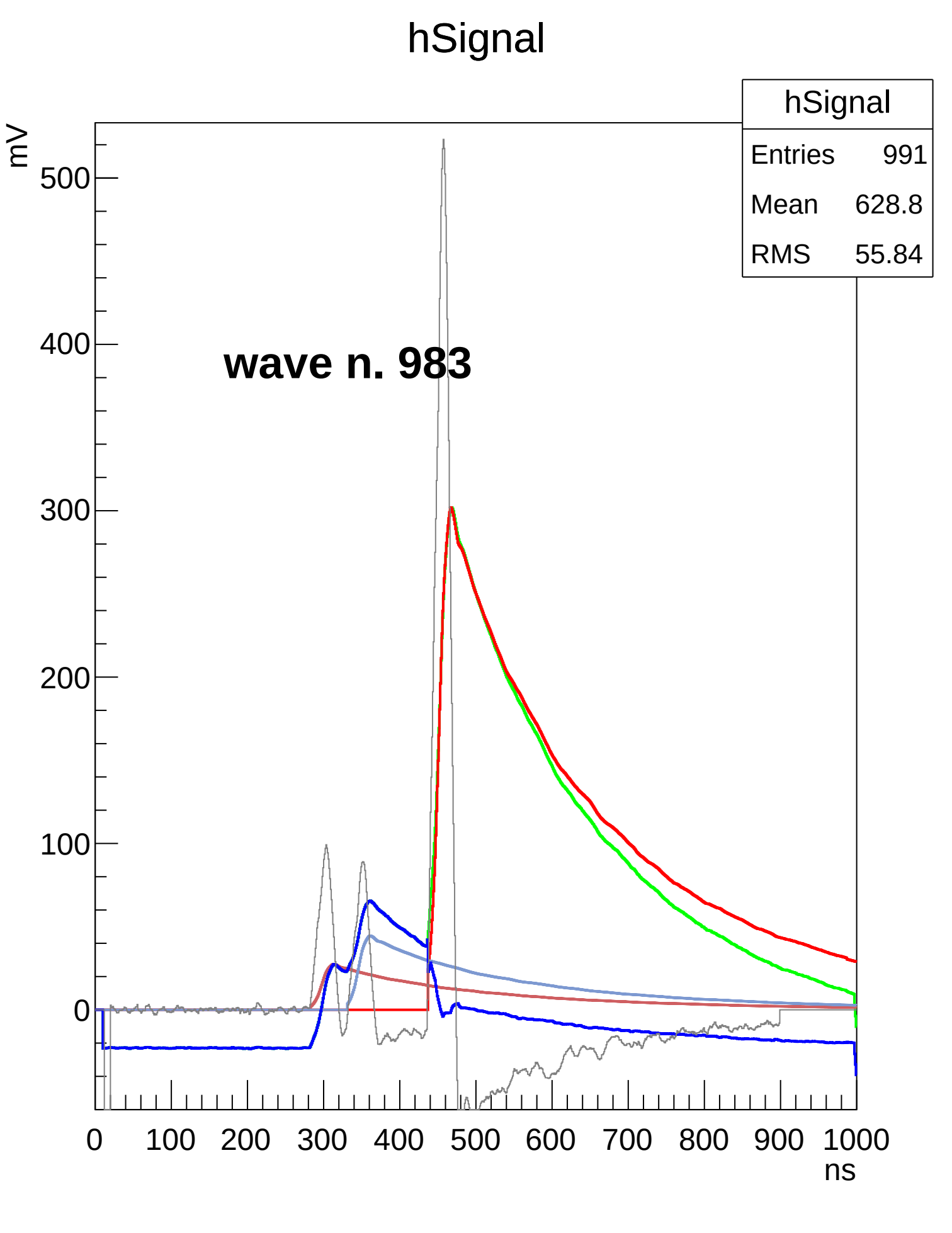
ns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hSignal
Entries 991
Mean 628.8
RMS 55.84
wave n. 983
mV
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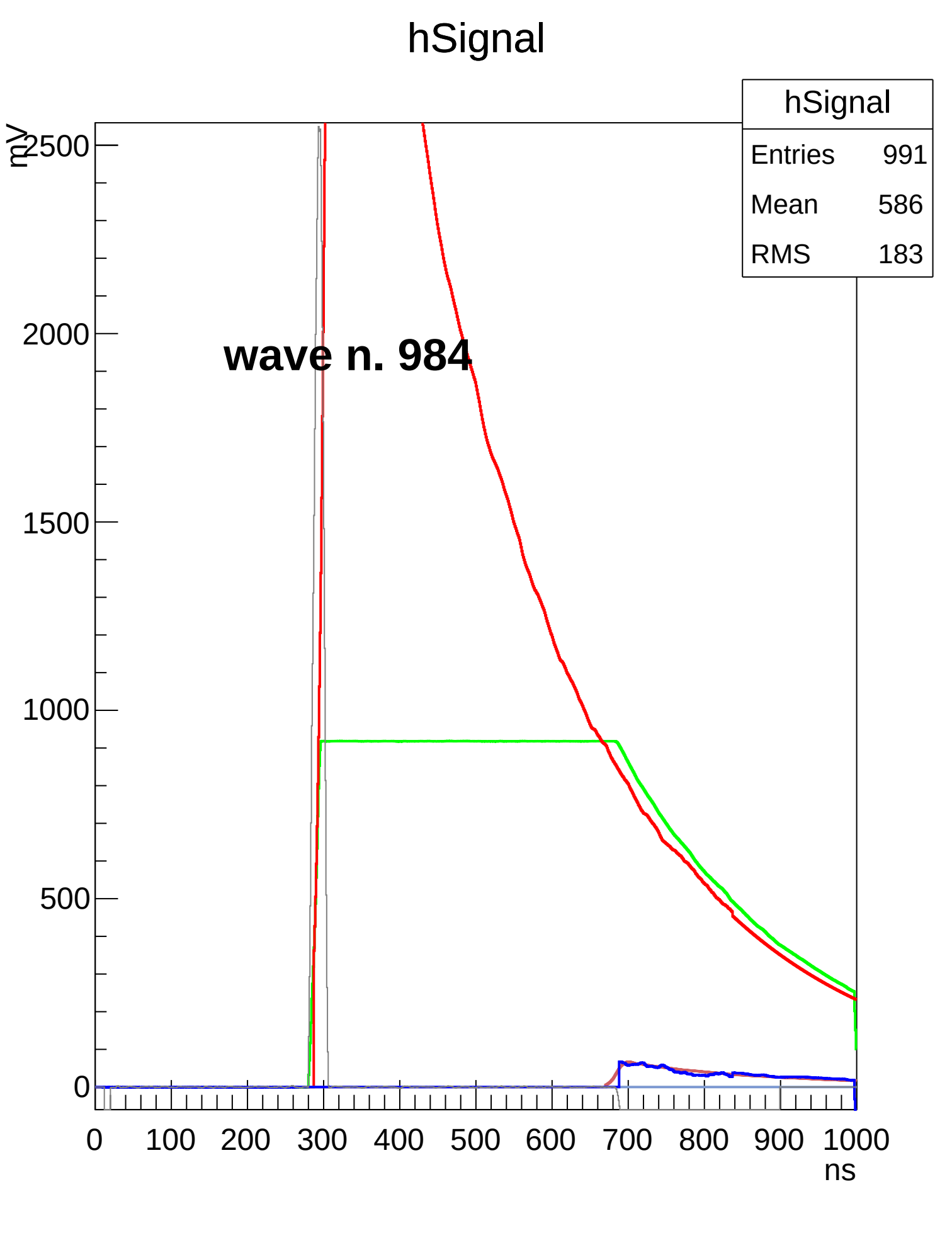
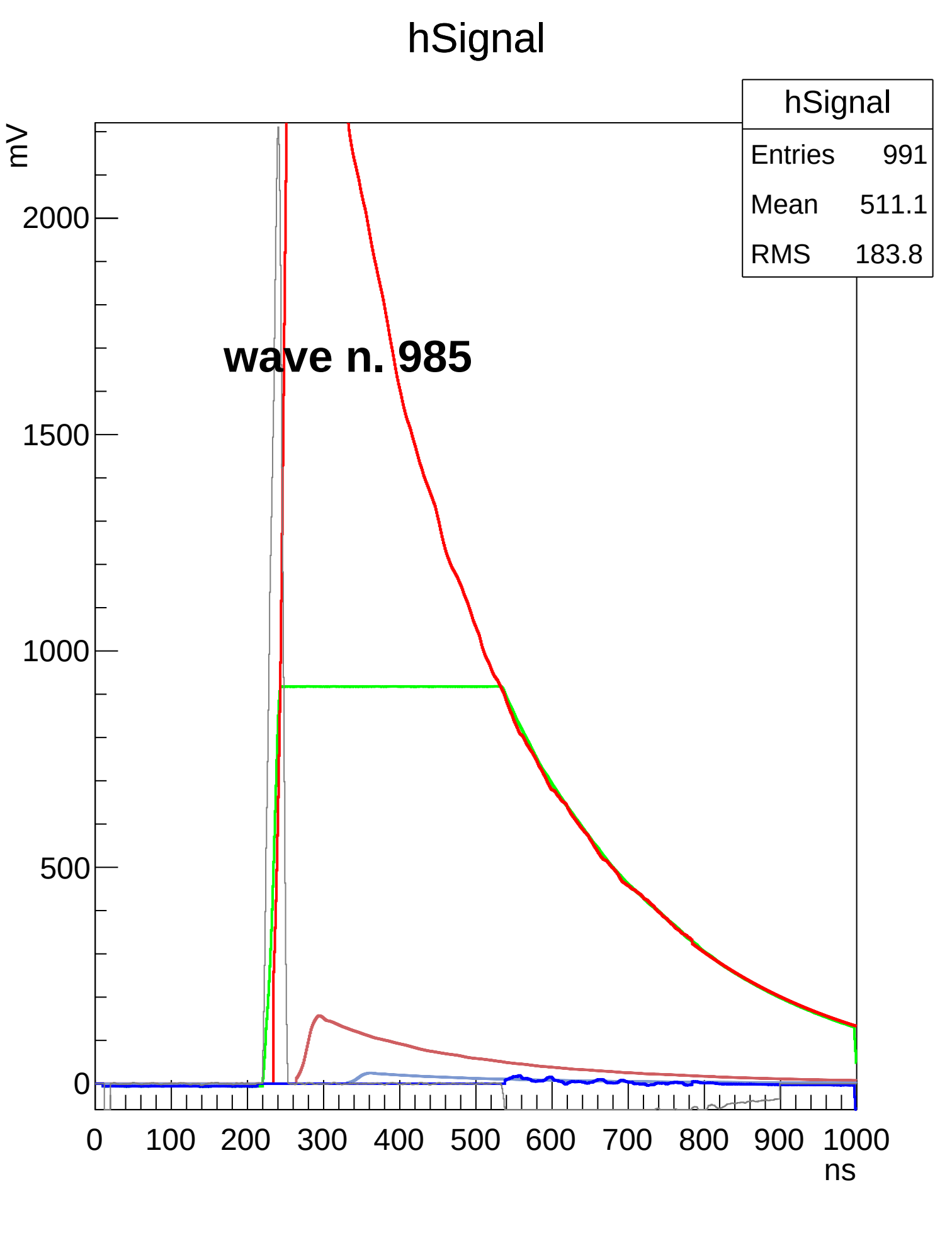
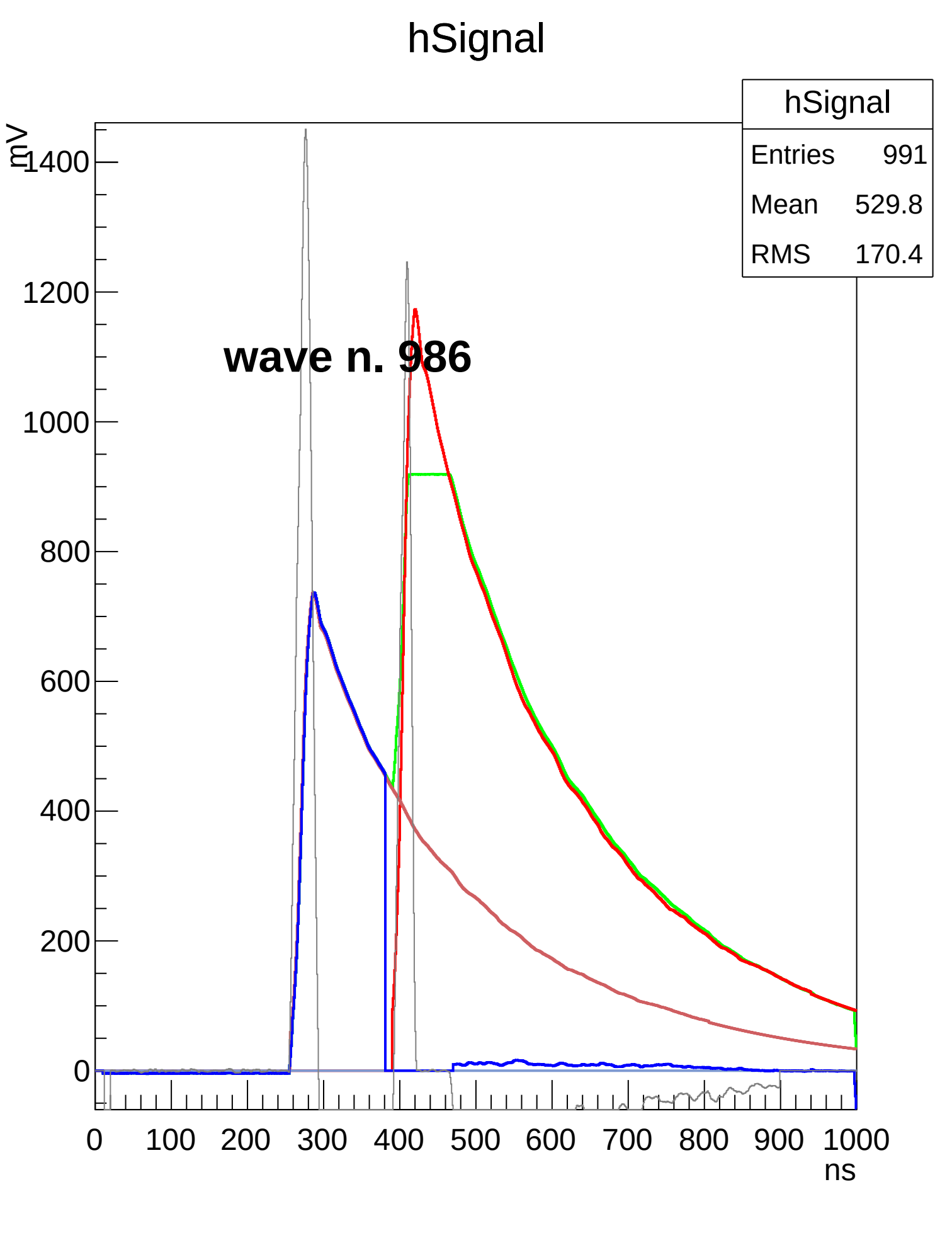
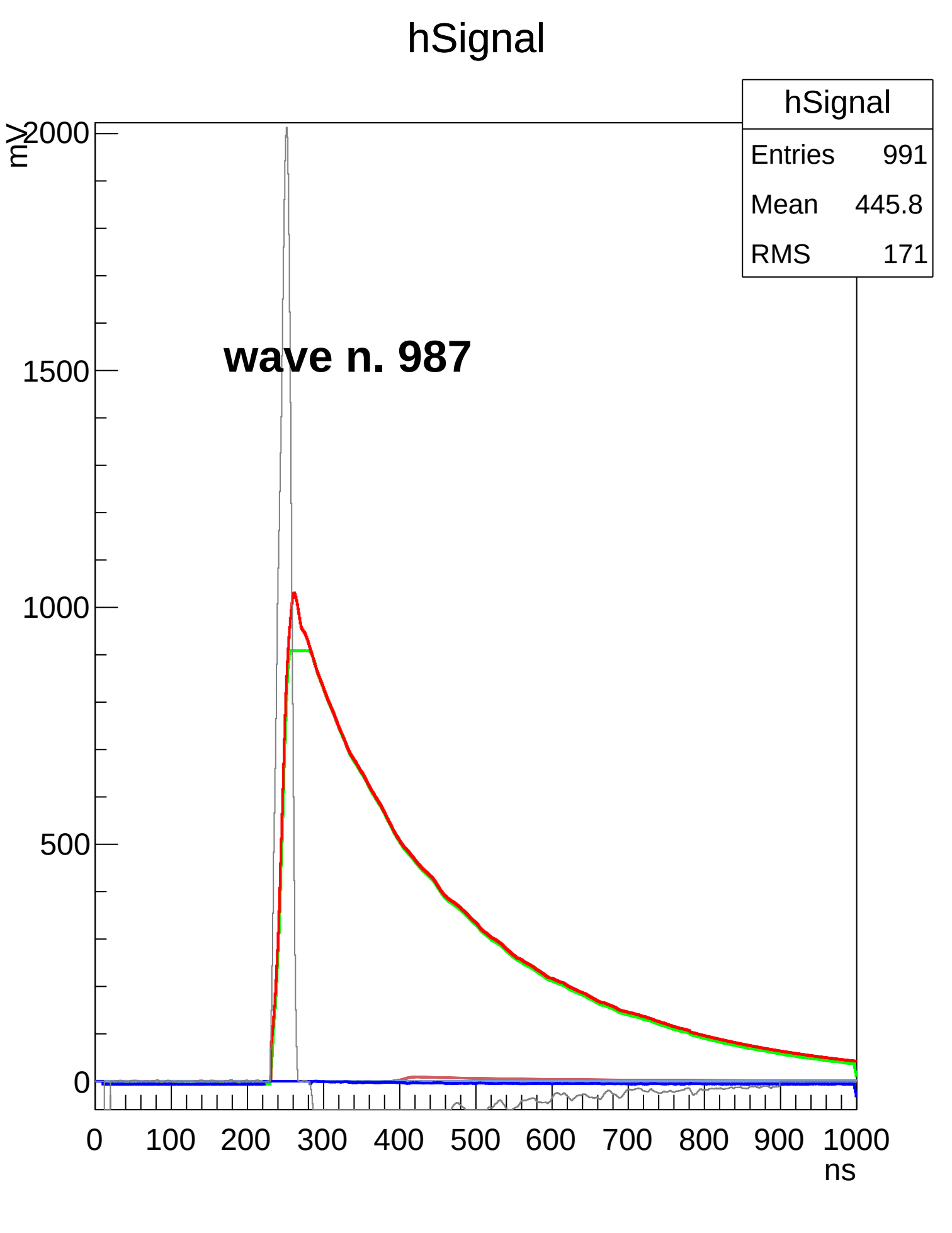
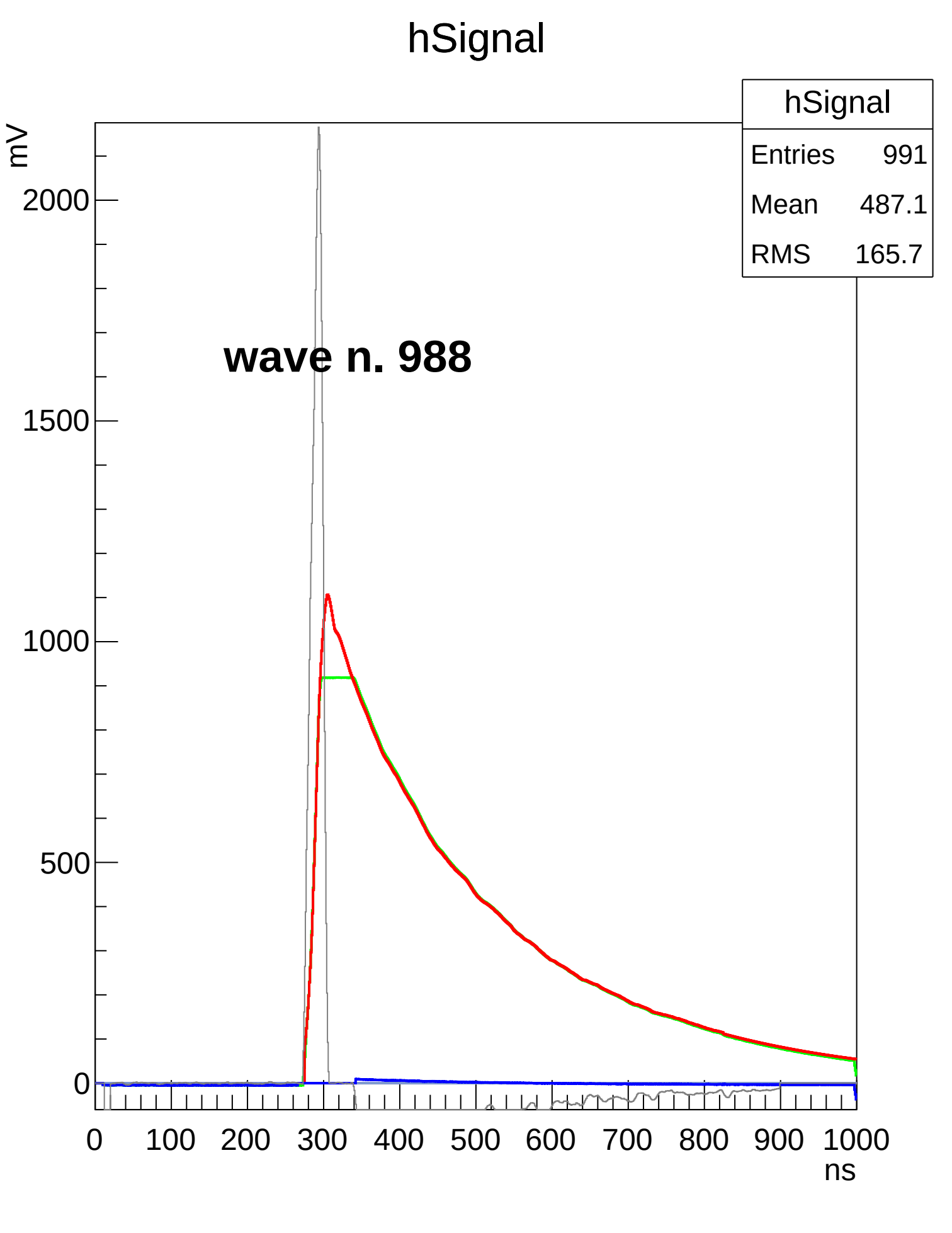
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586
RMS 183
wave n. 984
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 511.1
RMS 183.8
wave n. 985
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 529.8
RMS 170.4
wave n. 986
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 445.8
RMS 171
wave n. 987
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 487.1
RMS 165.7
wave n. 988
mV
2000
1500
1000
500
0
0
100
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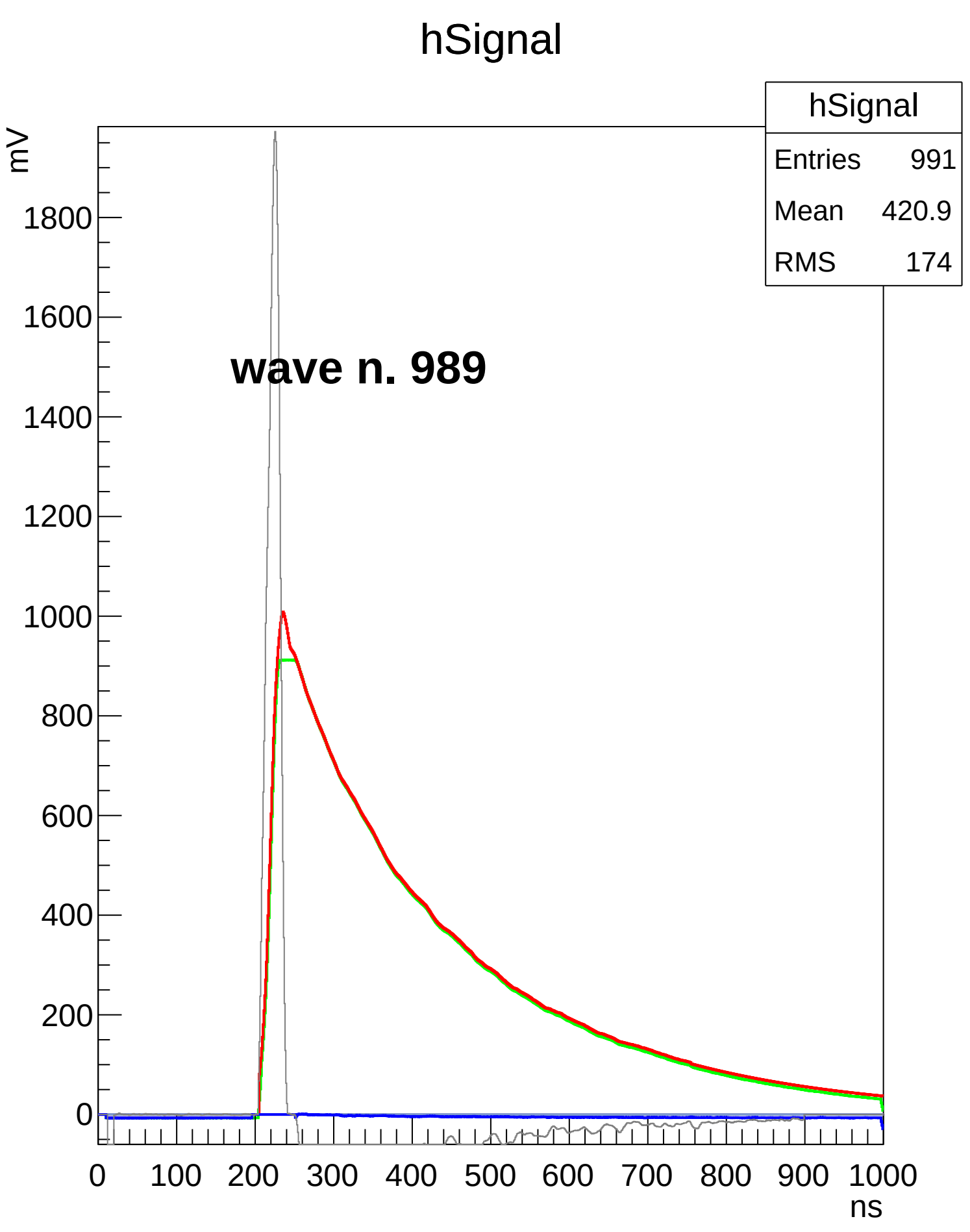
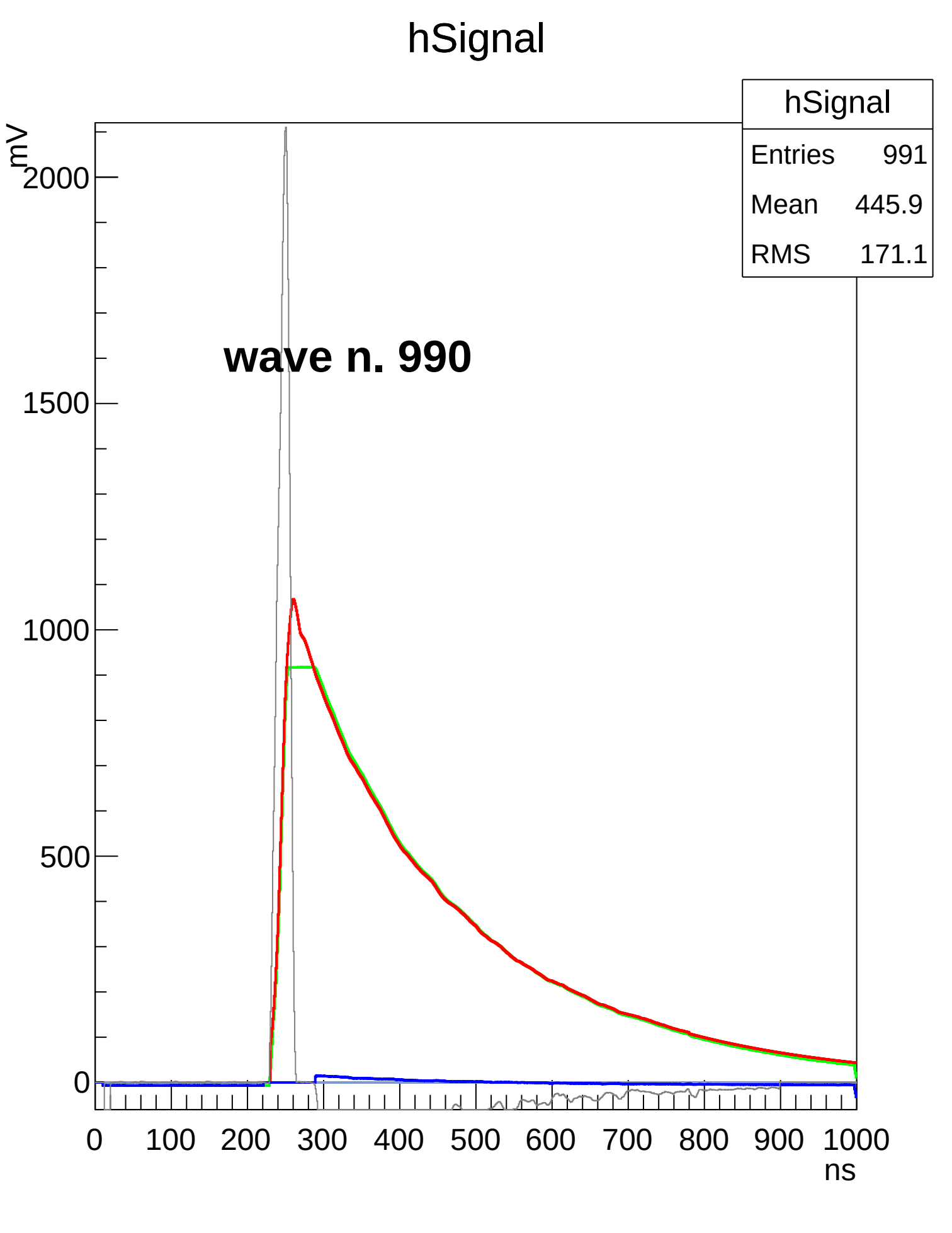
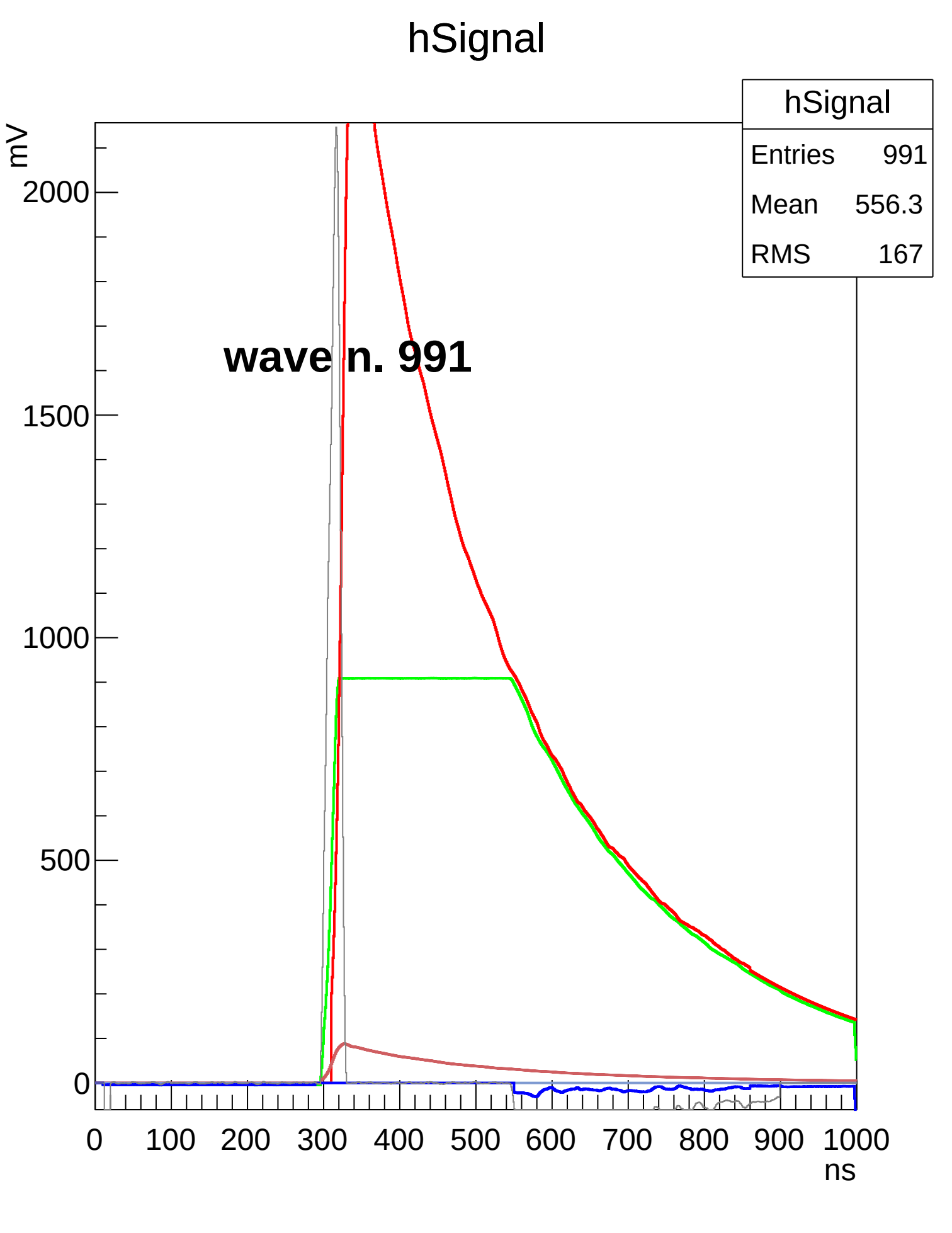
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 420.9
RMS 174
wave n. 989
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 445.9
RMS 171.1
wave n. 990
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 556.3
RMS 167
wave n. 991
mV
2000
1500
1000
500
0
0
100
200
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400
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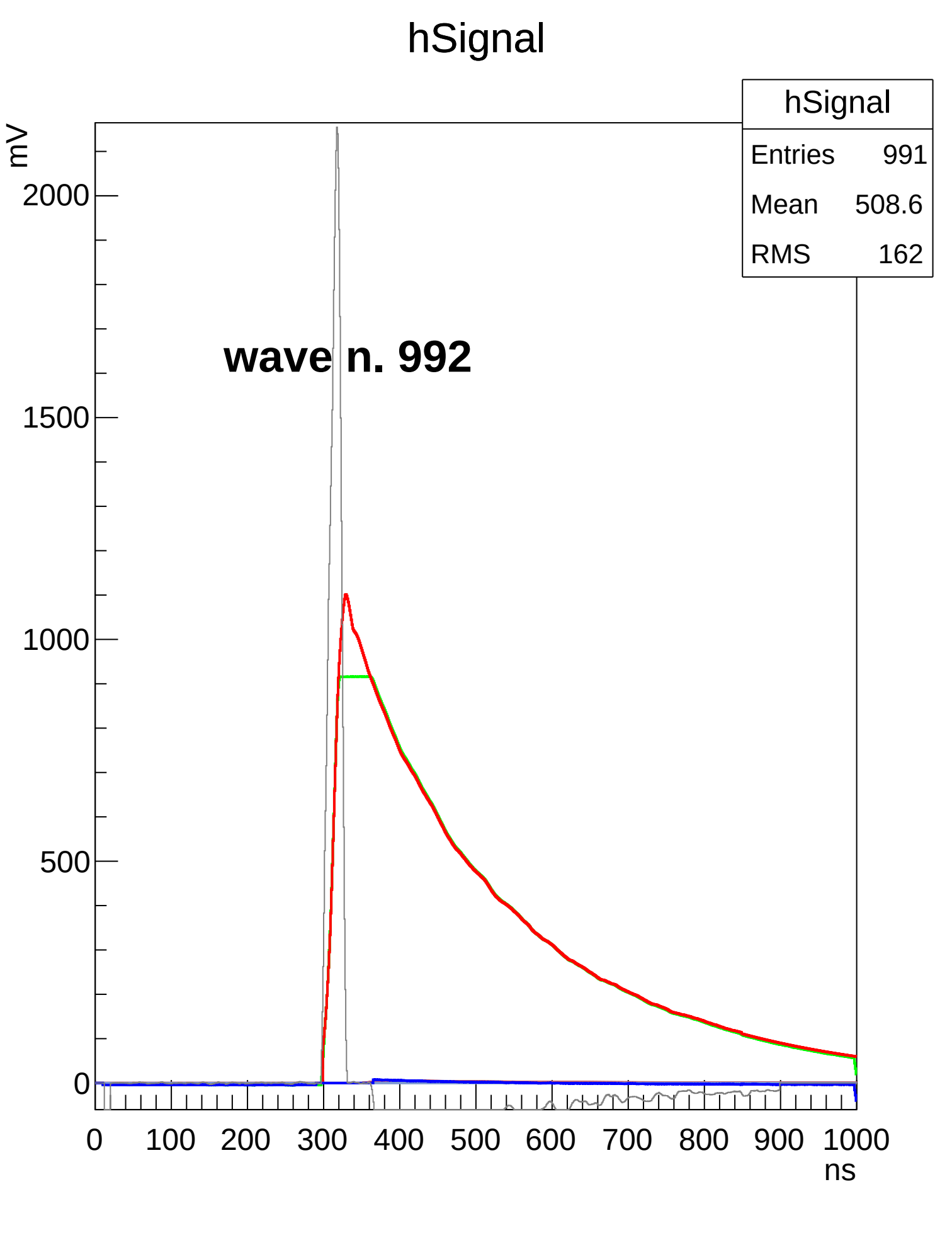
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 508.6
RMS 162
wave n. 992
mV
2000
1500
1000
500
0
0
100
200
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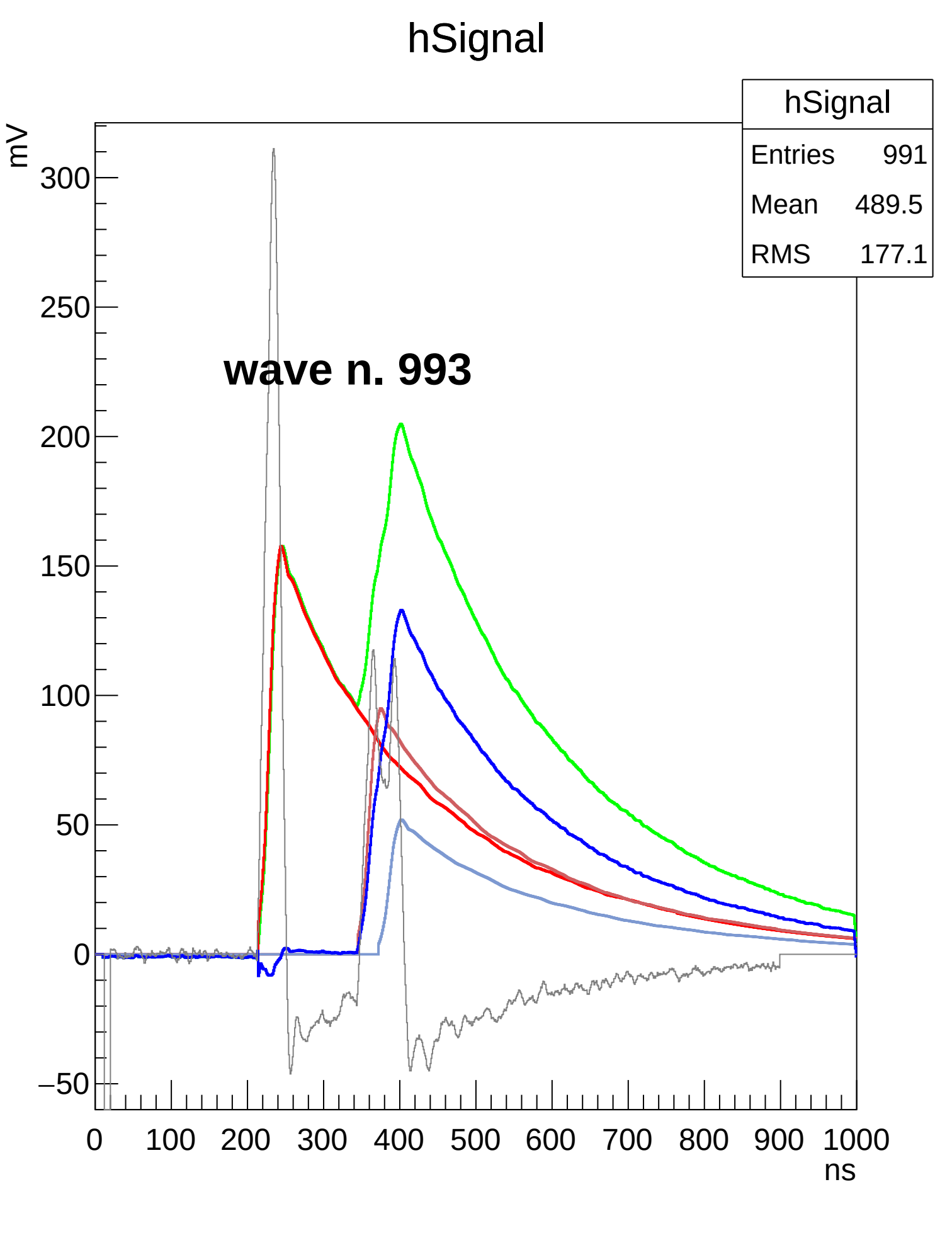
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 489.5
RMS 177.1
wave n. 993
mV
300
250
200
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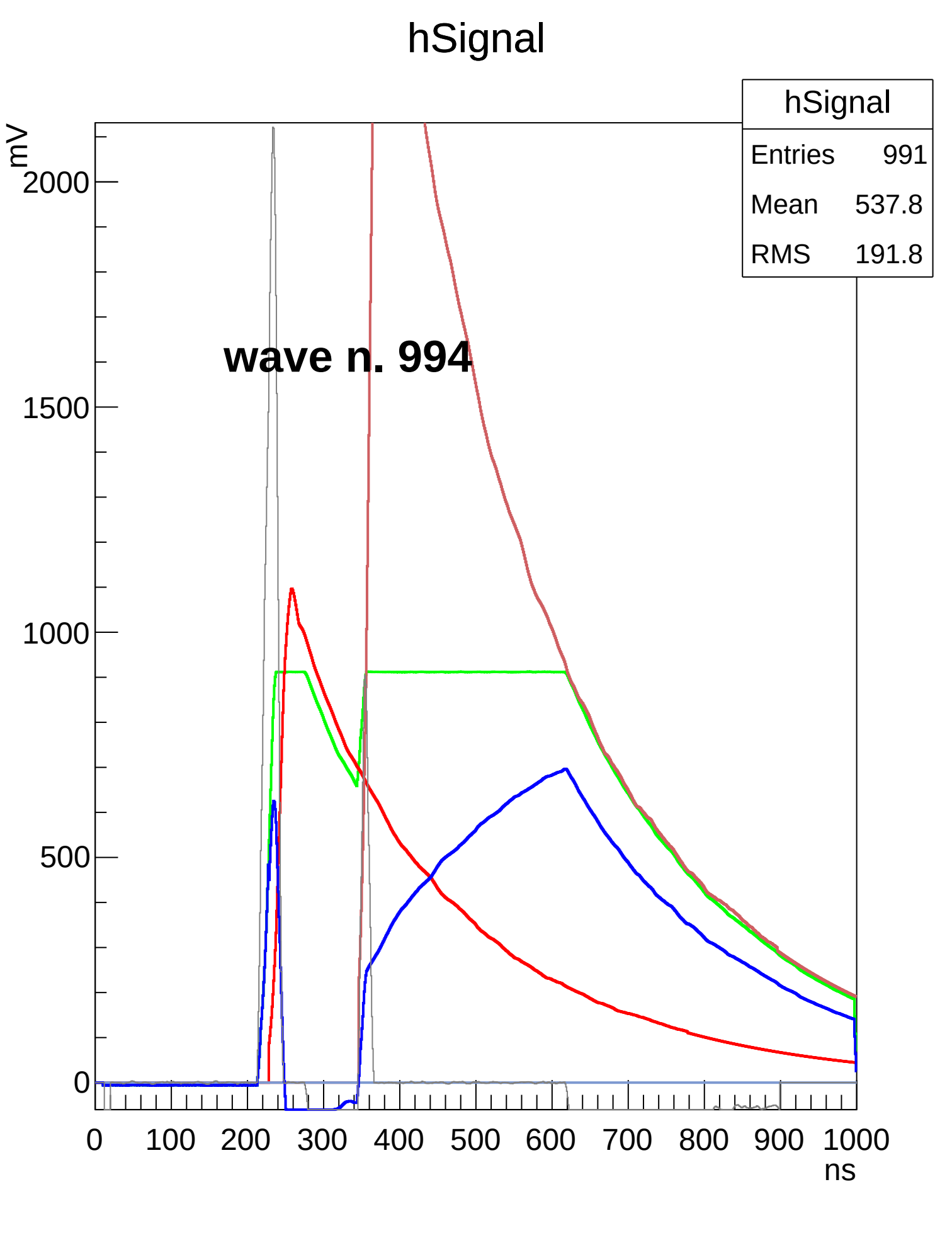
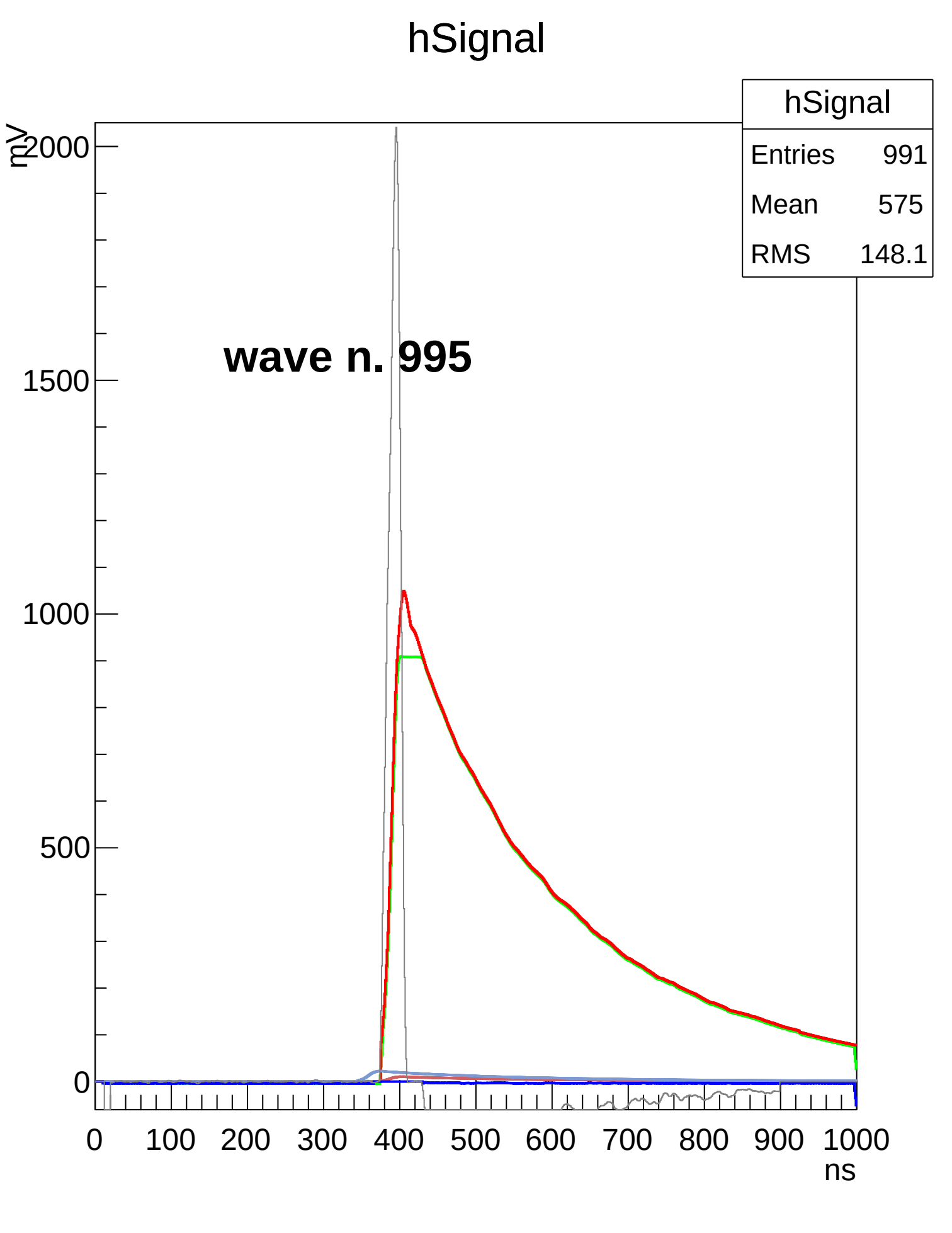
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 537.8
RMS 191.8
wave n. 994
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 575
RMS 148.1
wave n. 995
mV
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1500
1000
500
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0
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200
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400
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600
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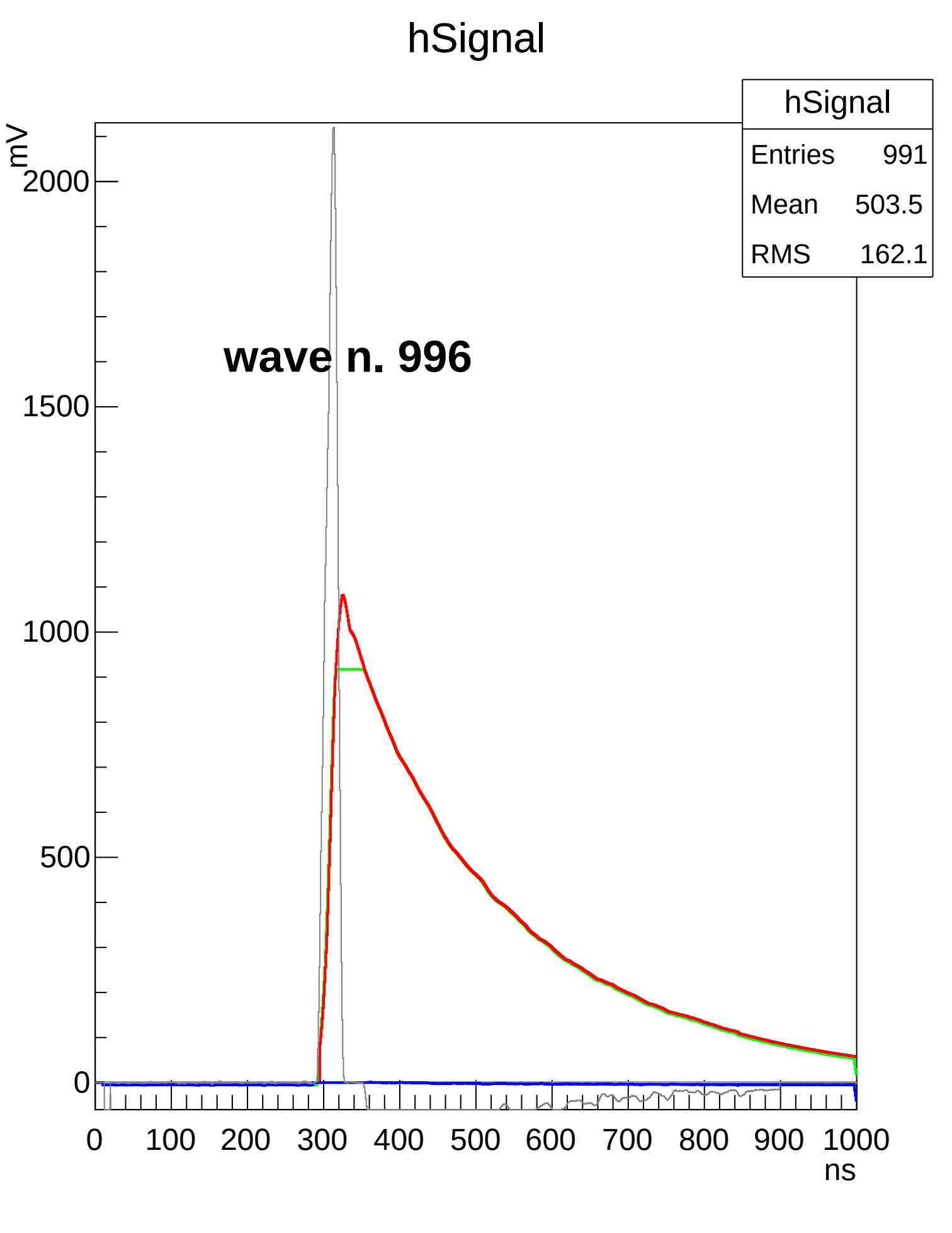
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.5
RMS 162.1
wave n. 996
mV
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1500
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500
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0
100
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400
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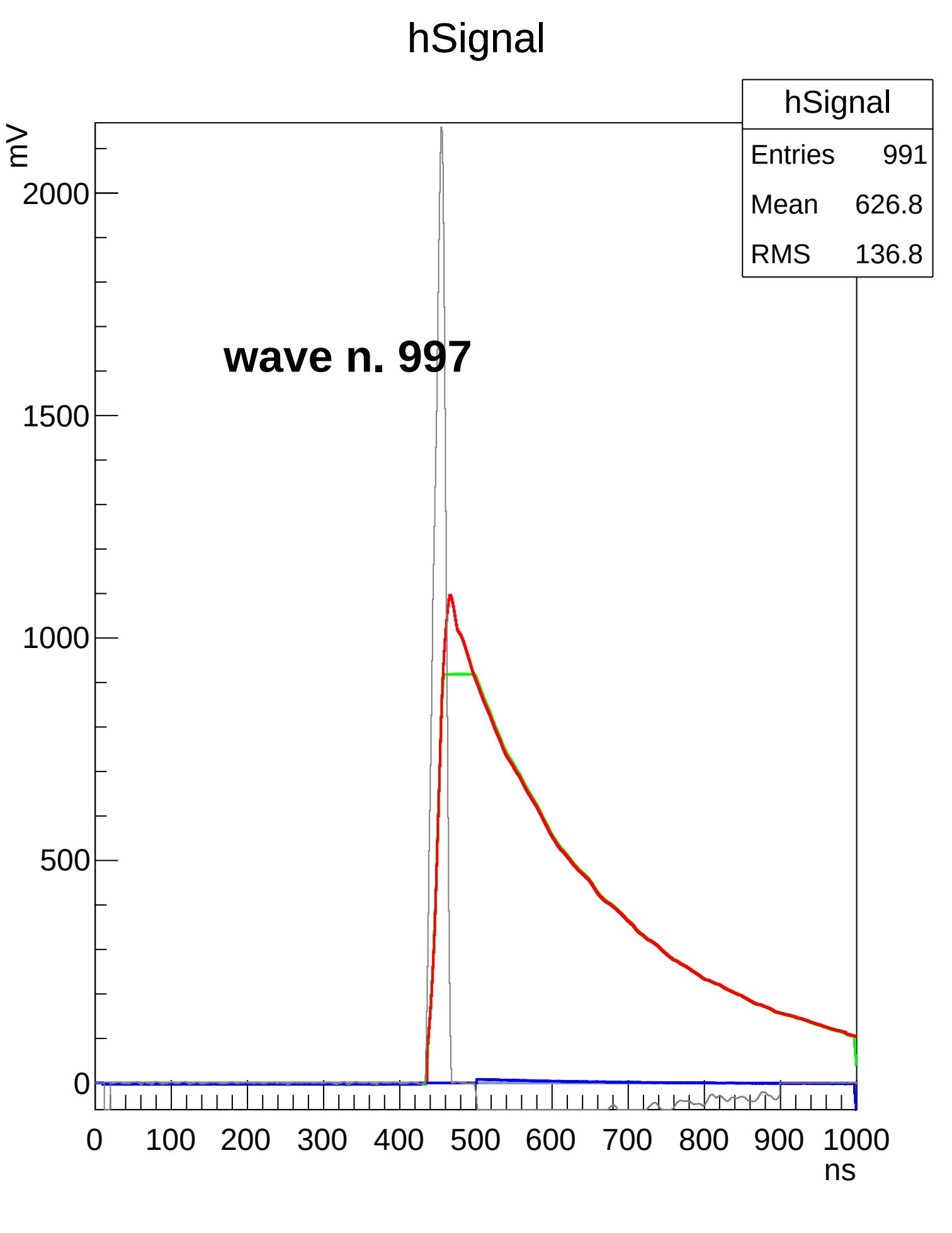
800
900
1000
ns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hSignal
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Mean 626.8
RMS 136.8
wave n. 997
mV
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400
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800
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1000
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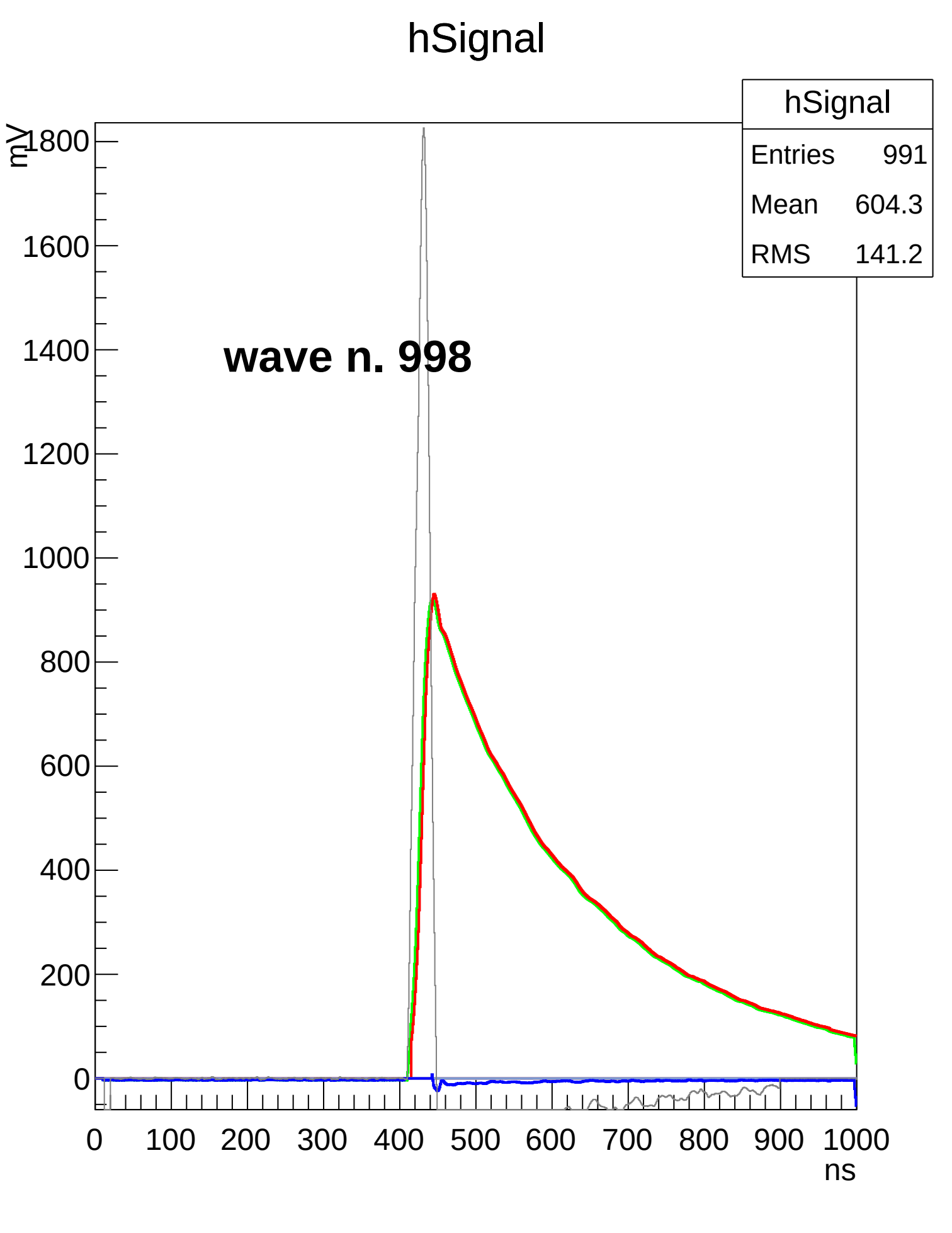
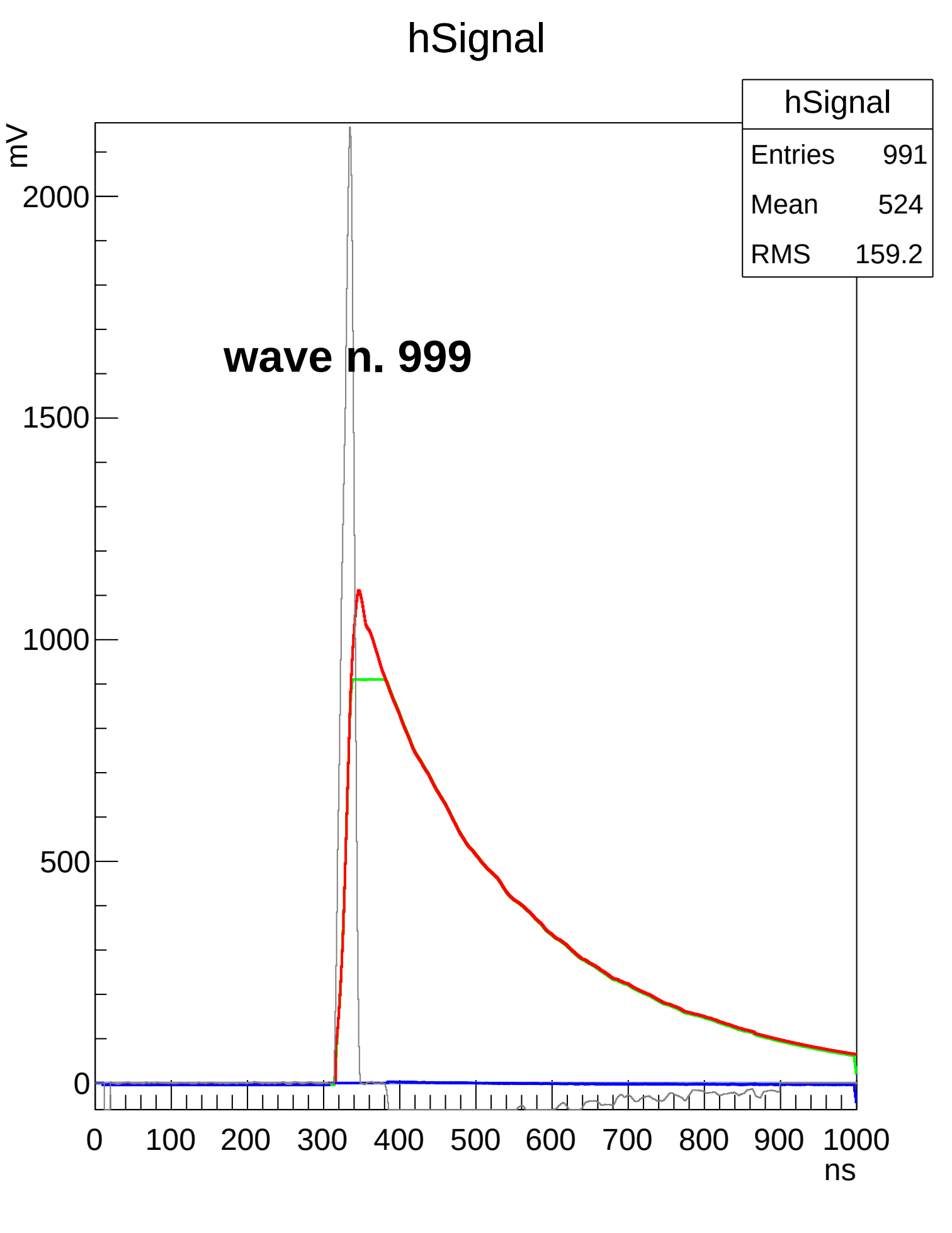

hSignal
hSignal
Entries 991
Mean 604.3
RMS 141.2
wave n. 998
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 524
RMS 159.2
wave n. 999
mV
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1000
500
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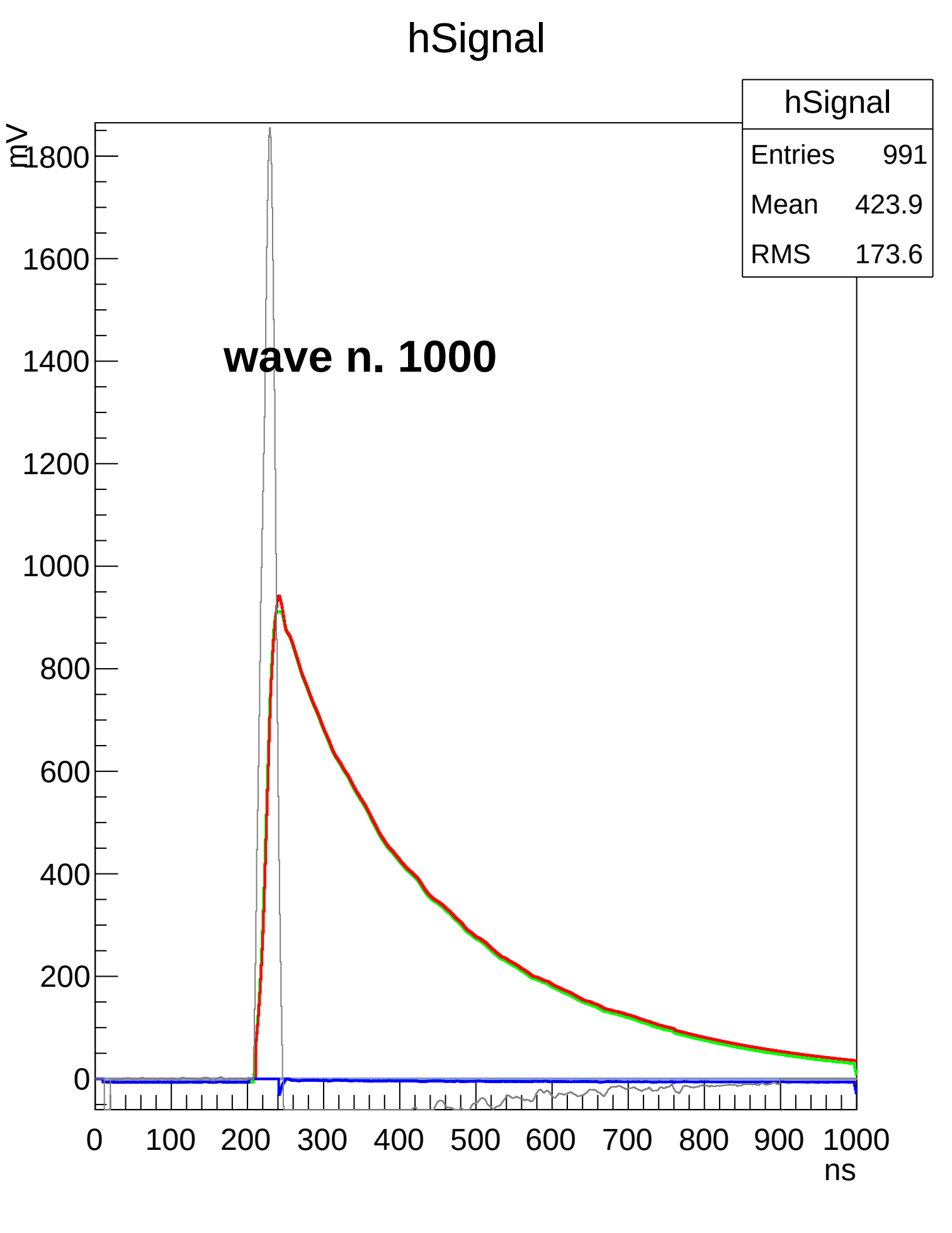
ns


hSignal
hSignal
Entries 991
Mean 423.9
RMS 173.6
wave n. 1000
mV
1800
1600
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1200
1000
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600
400
200
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0
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200
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400
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1000
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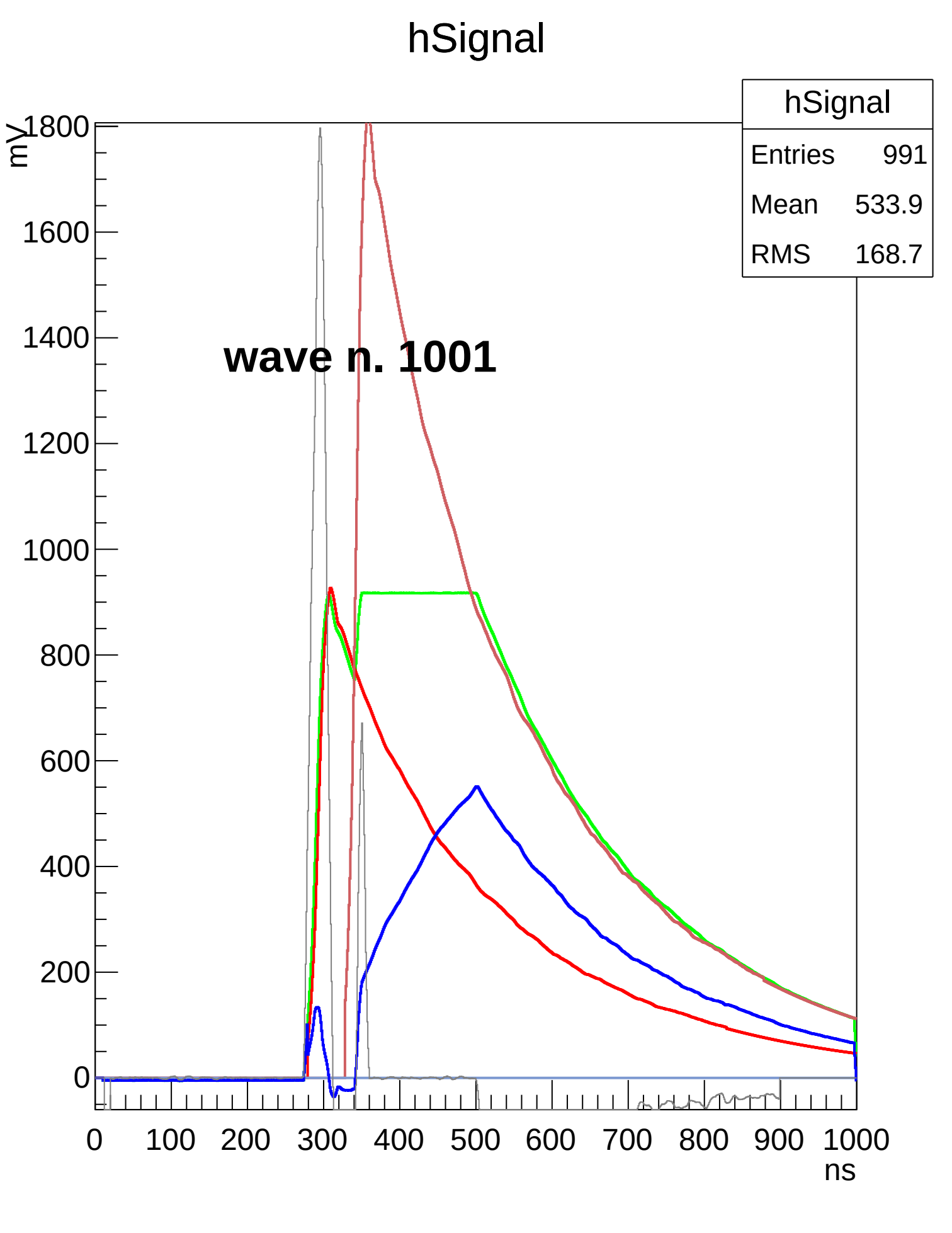
hSignal
hSignal
Entries 991
Mean 533.9
RMS 168.7
wave n. 1001
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
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400
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800
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1000
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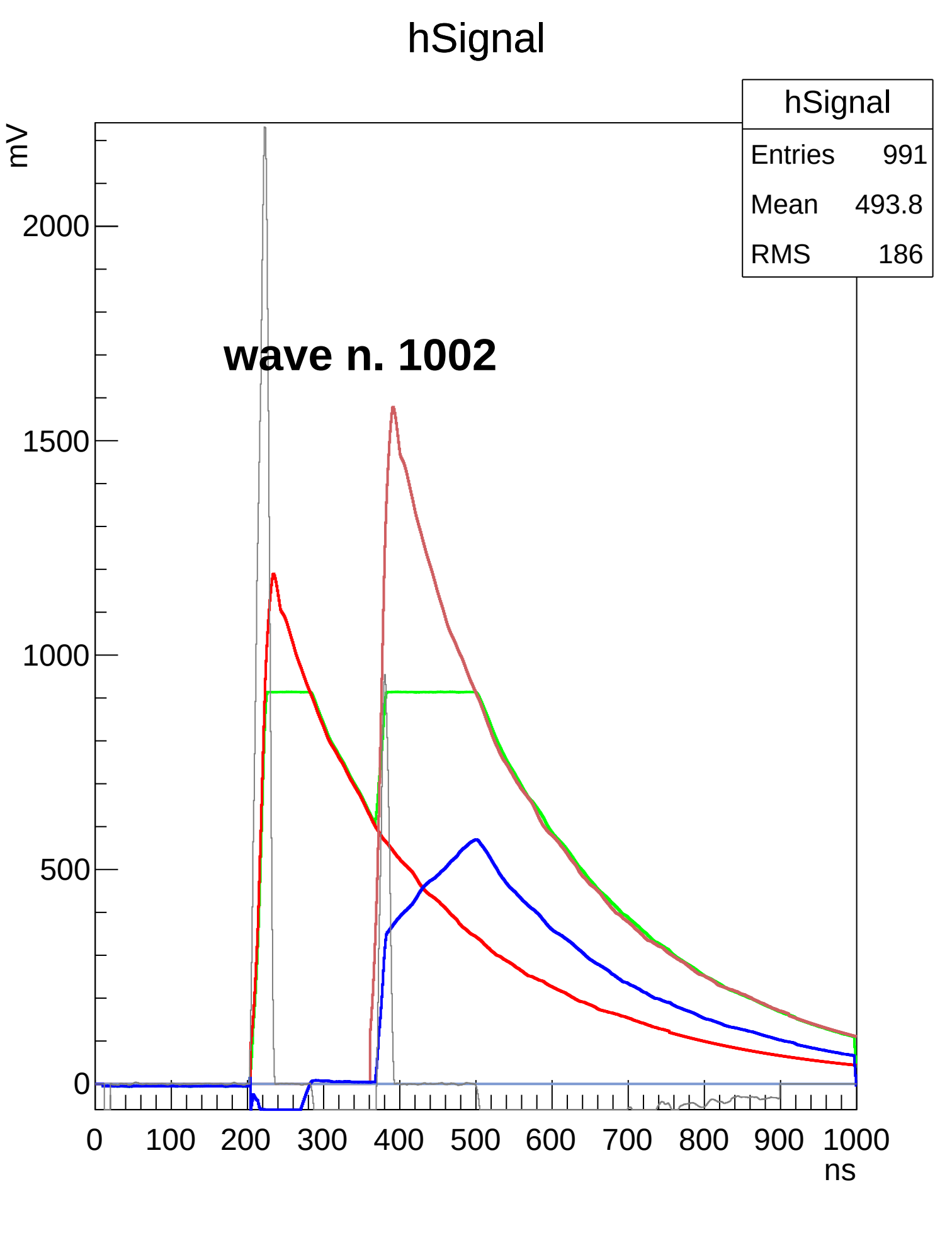
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hSignal
Entries 991
Mean 493.8
RMS 186
wave n. 1002
mV
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1500
1000
500
0
0
100
200
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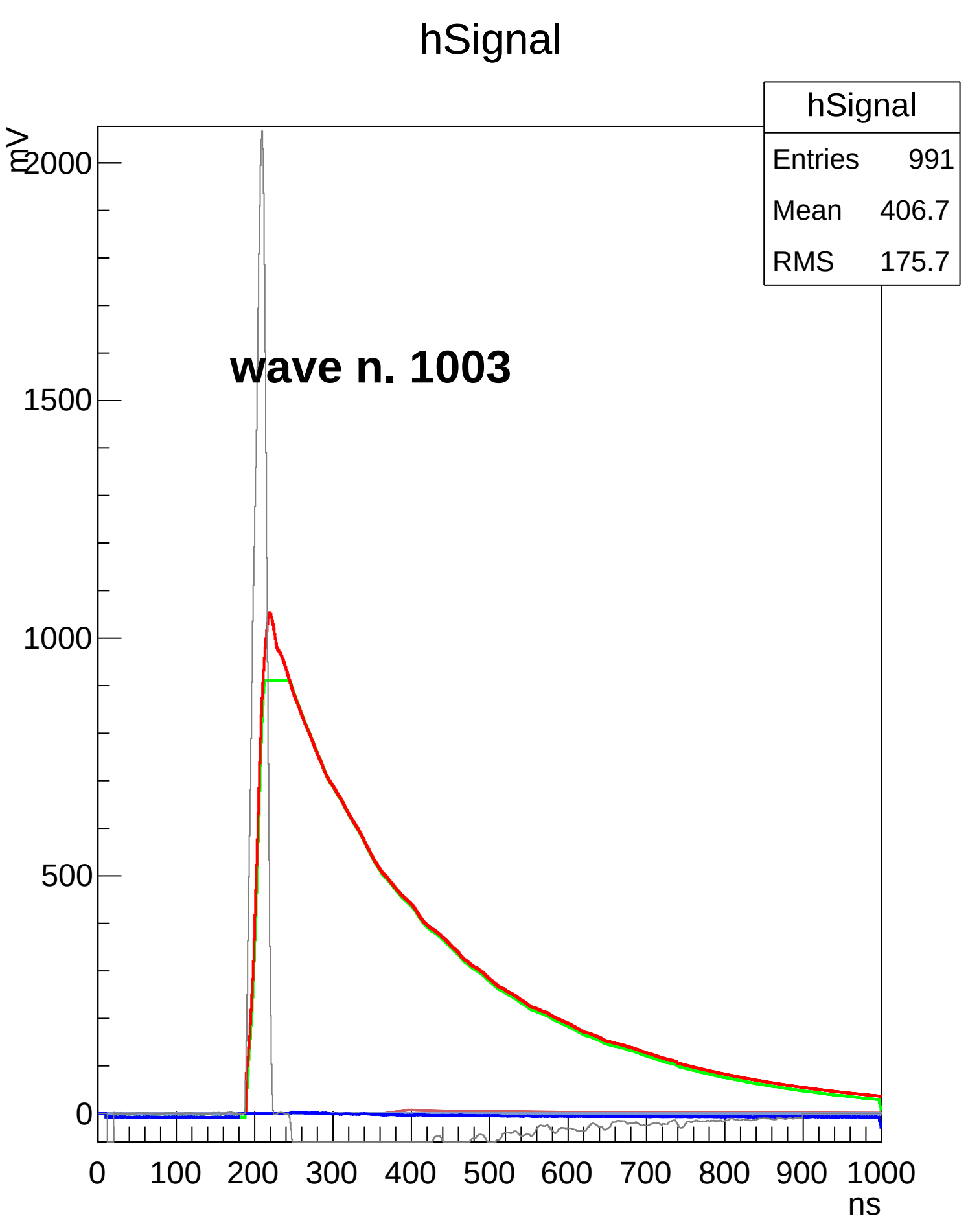
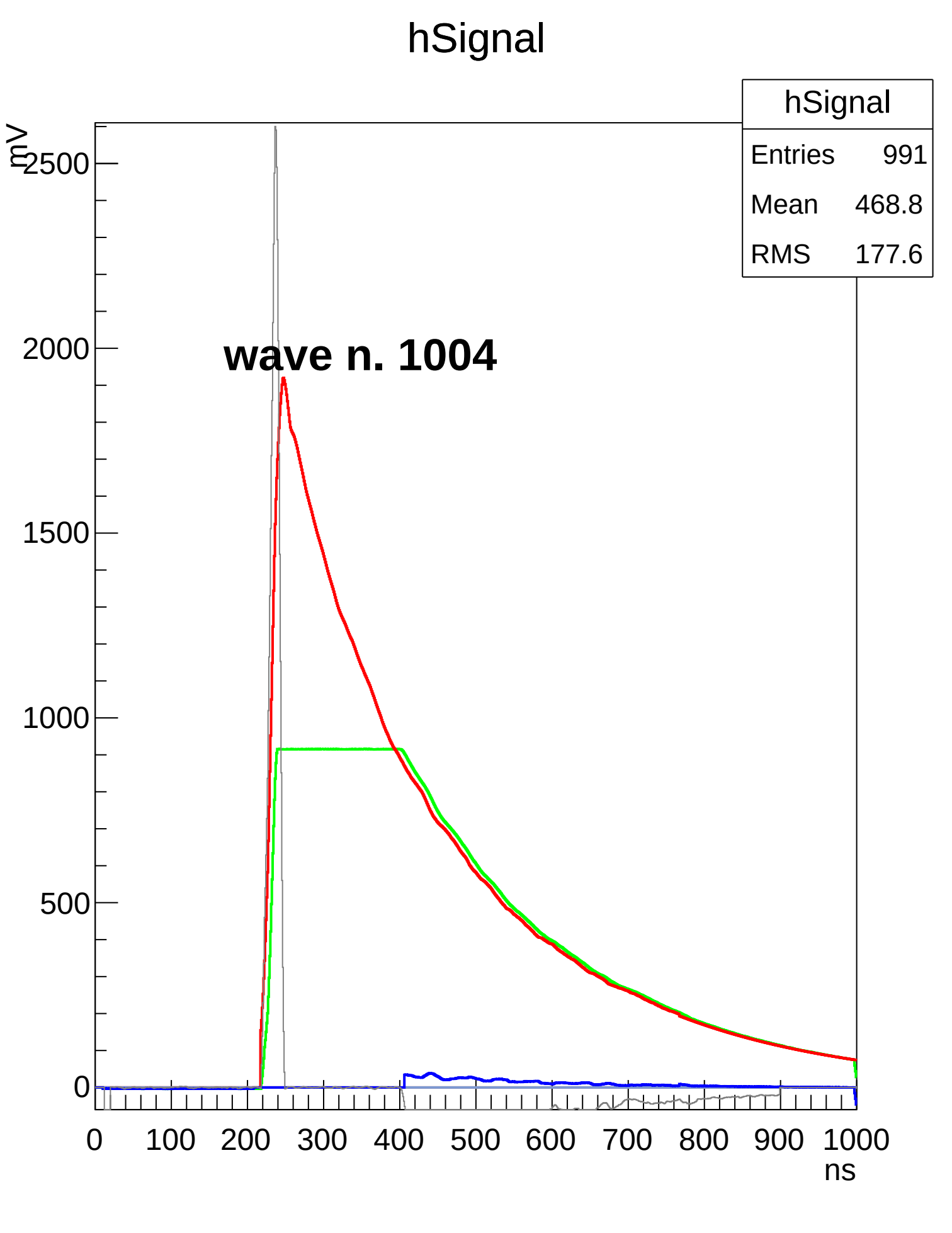
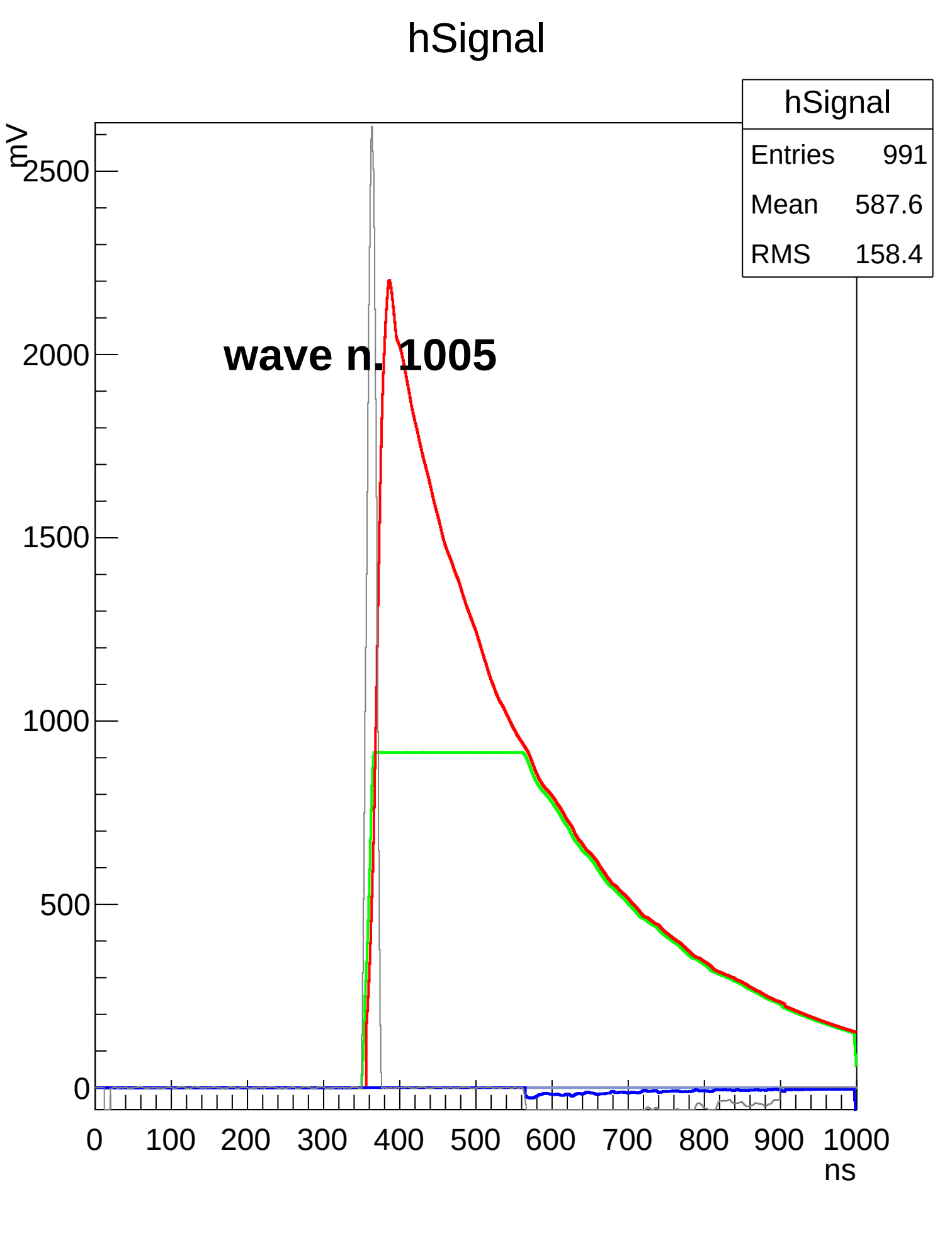
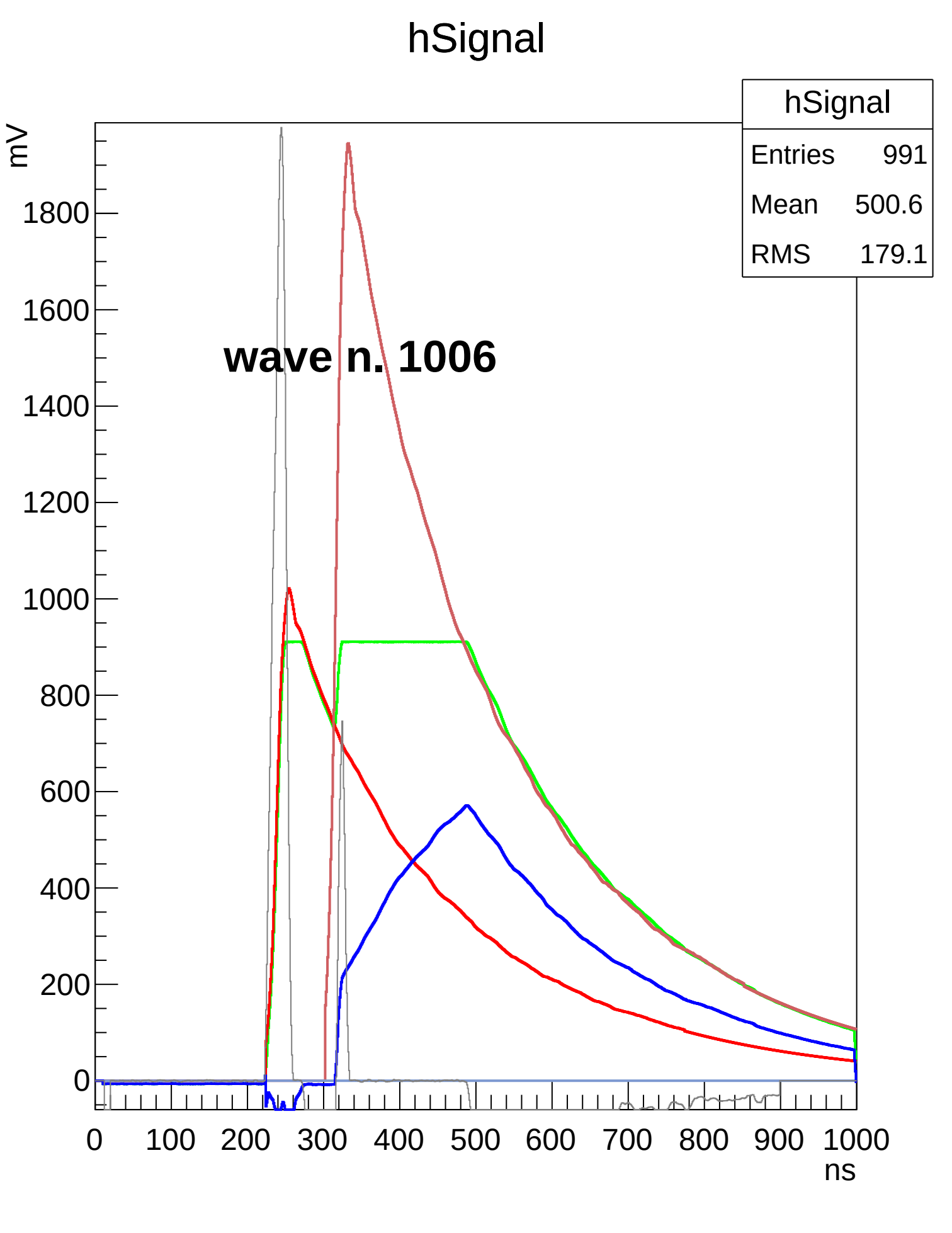
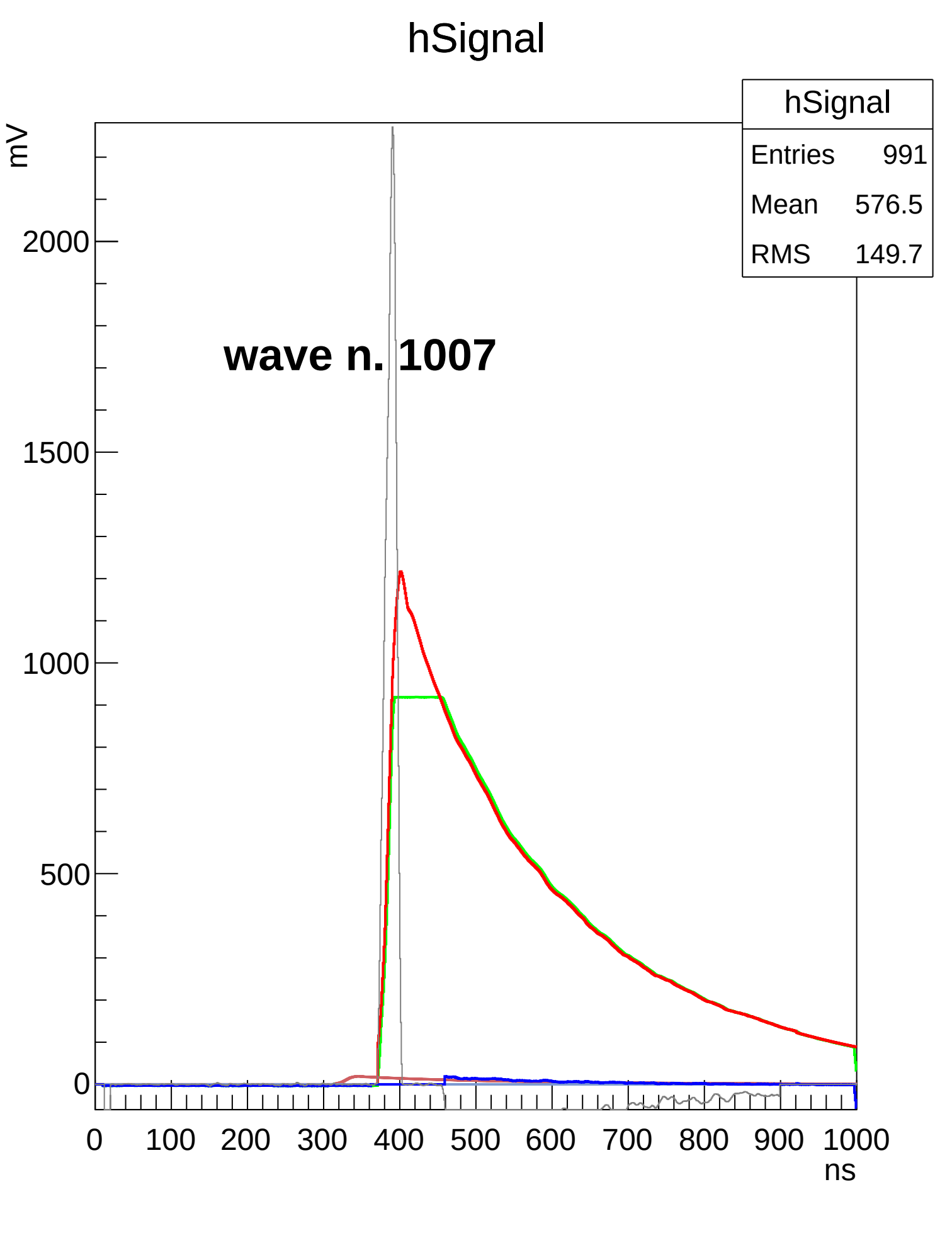
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 406.7
RMS 175.7
wave n. 1003
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 468.8
RMS 177.6
wave n. 1004
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 587.6
RMS 158.4
wave n. 1005
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 500.6
RMS 179.1
wave n. 1006
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576.5
RMS 149.7
wave n. 1007
mV
2000
1500
1000
500
0
0
100
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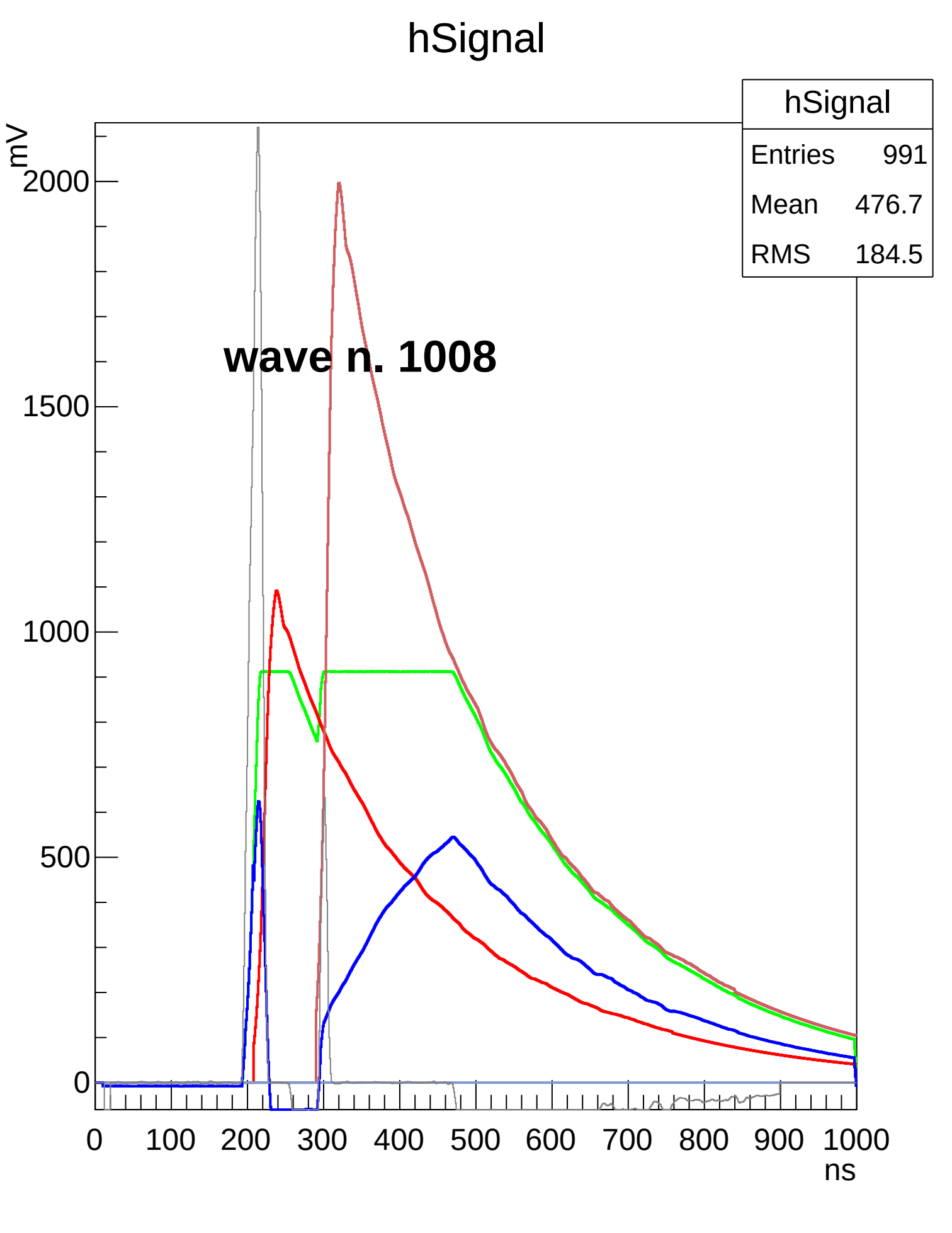
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 476.7
RMS 184.5
wave n. 1008
mV
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1500
1000
500
0
0
100
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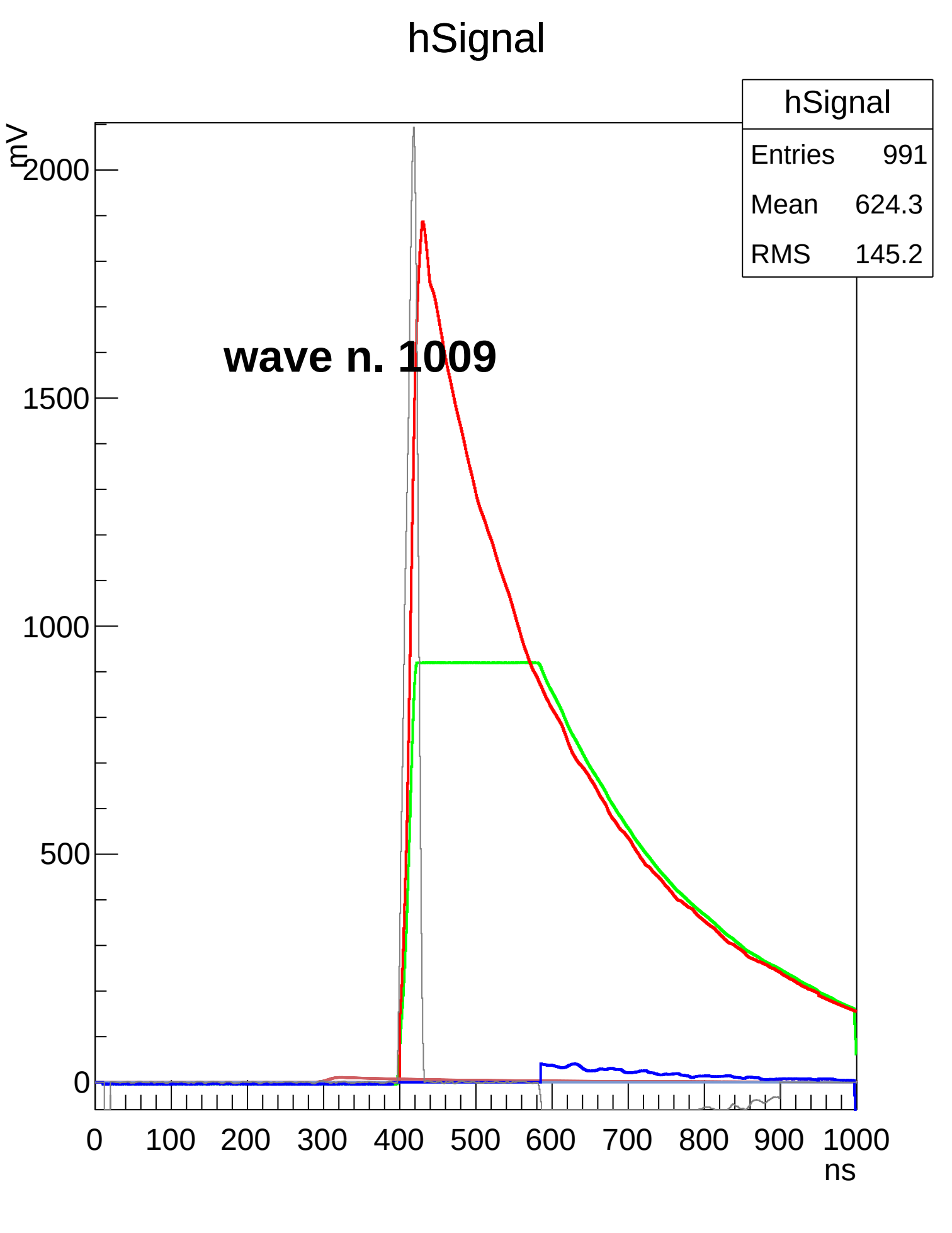
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 624.3
RMS 145.2
wave n. 1009
mV
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1500
1000
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0
100
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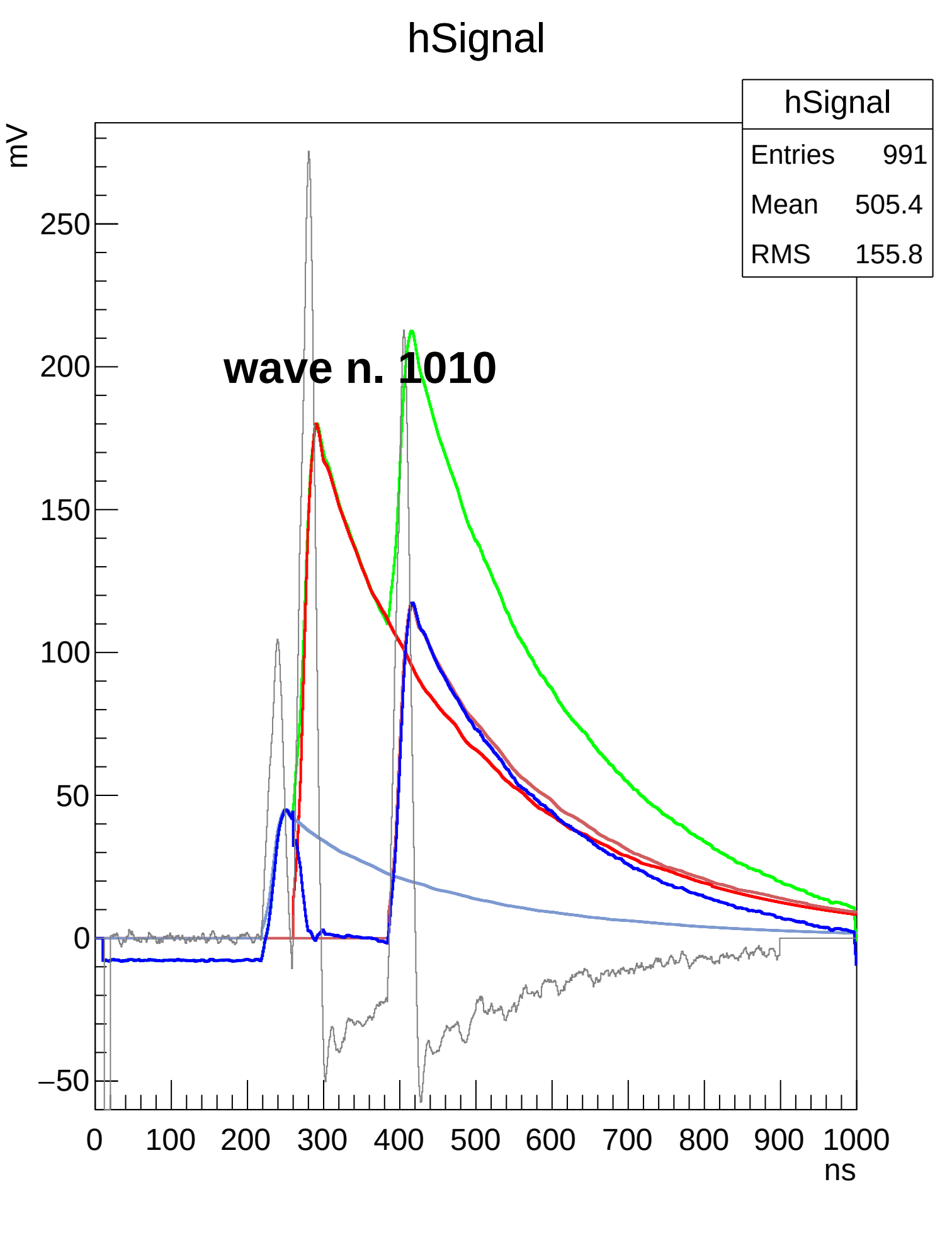
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.4
RMS 155.8
wave n. 1010
mV
250
200
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100
50
0
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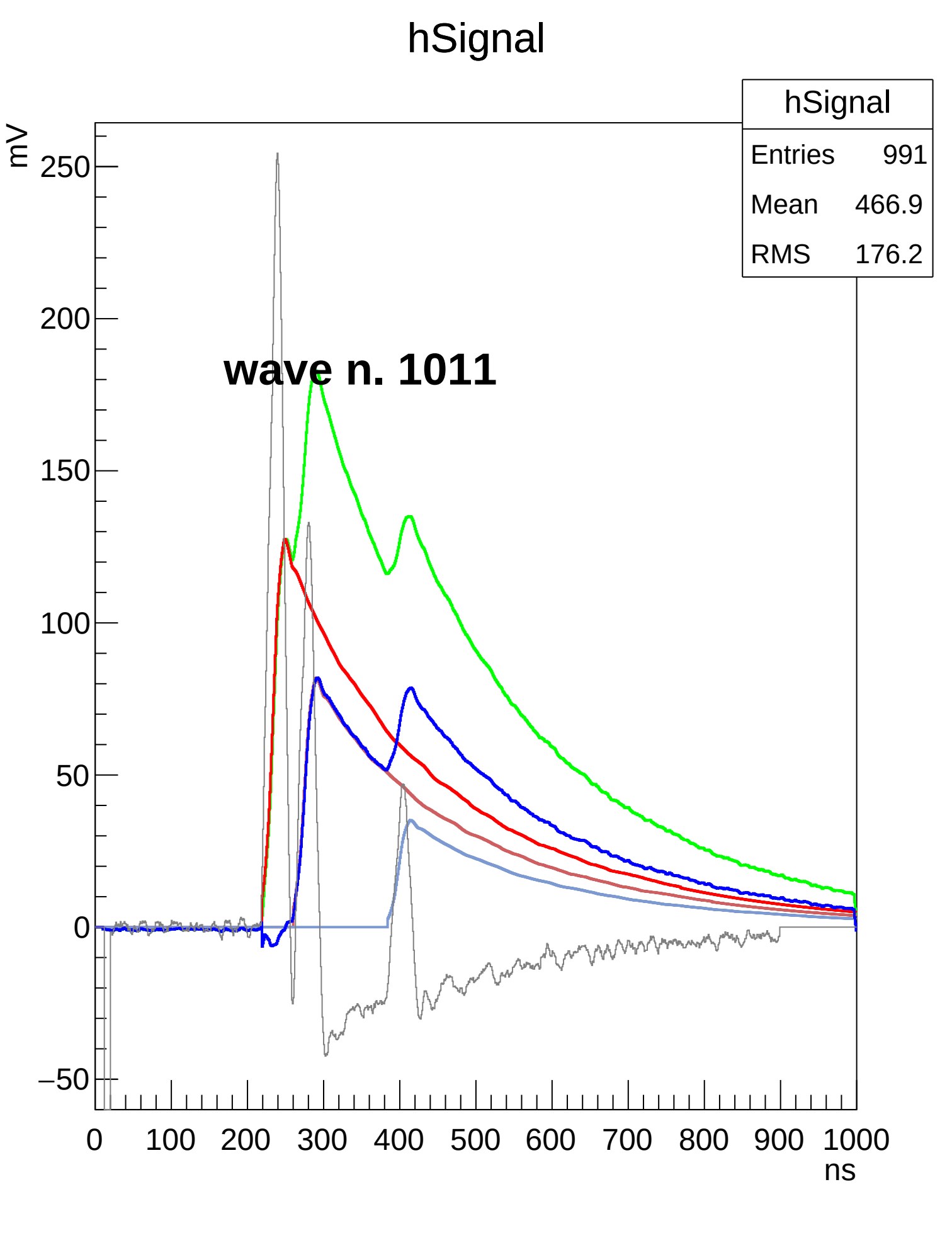
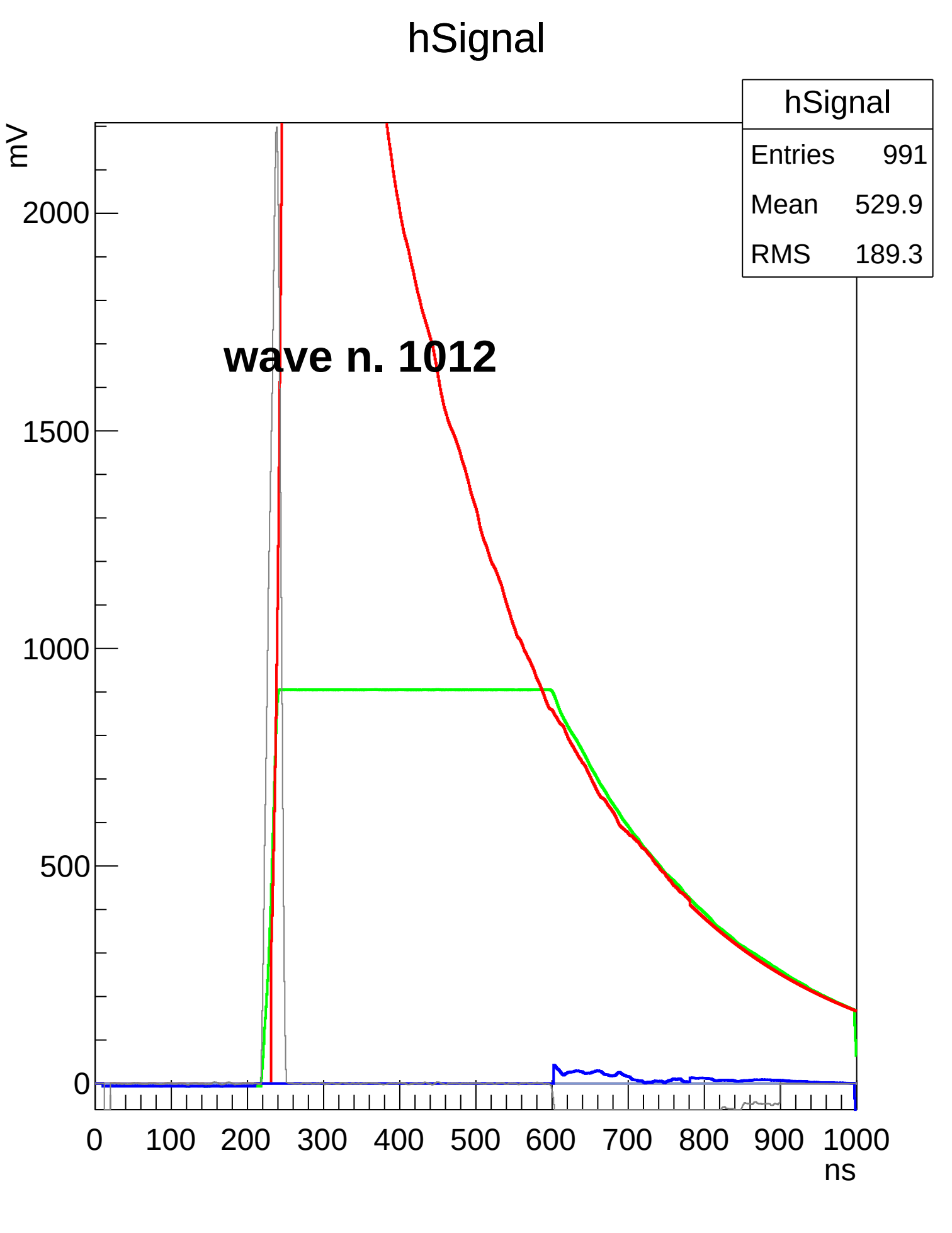
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 466.9
RMS 176.2
wave n. 1011
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 529.9
RMS 189.3
wave n. 1012
mV
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1500
1000
500
0
0
100
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400
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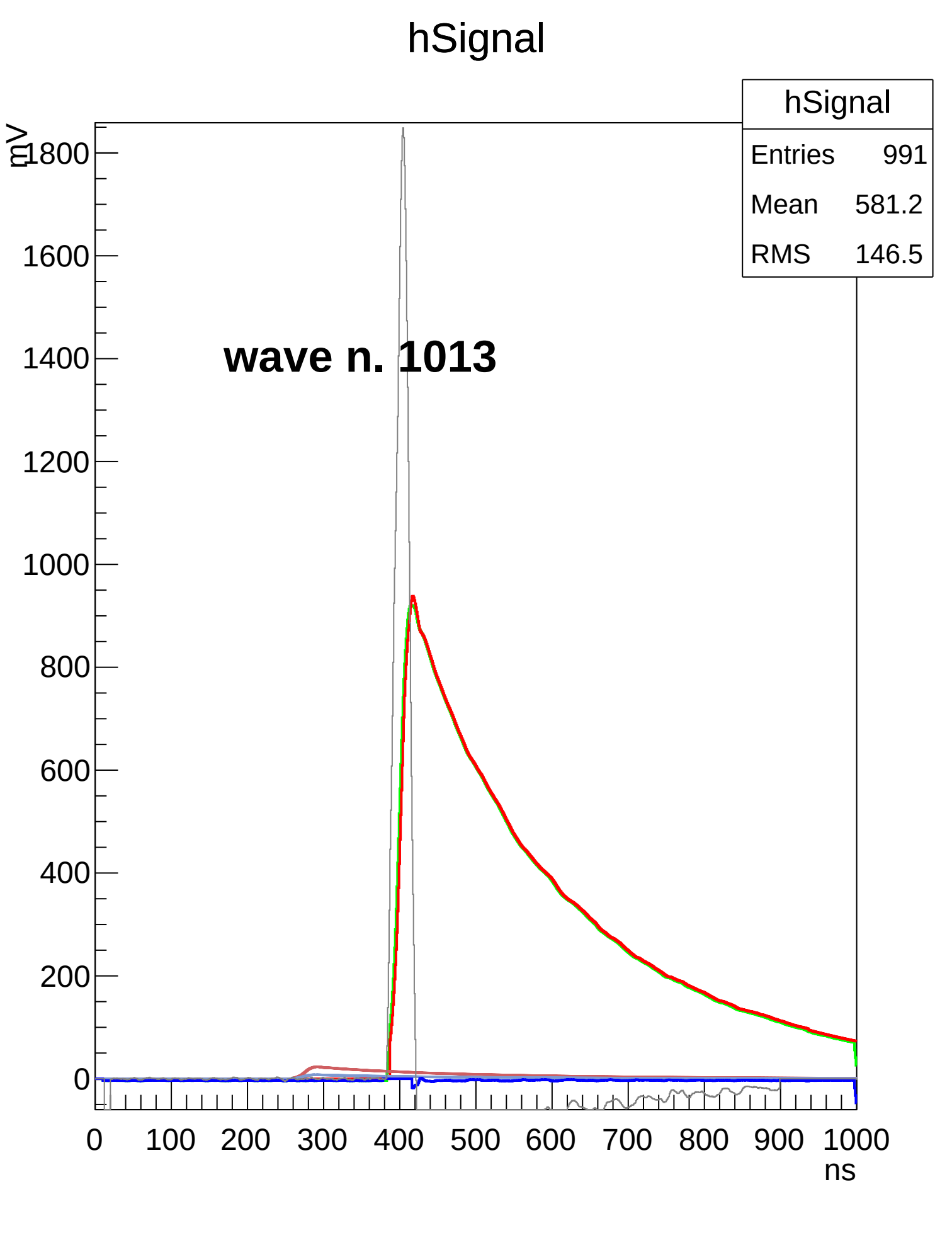
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 581.2
RMS 146.5
wave n. 1013
mV
1800
1600
1400
1200
1000
800
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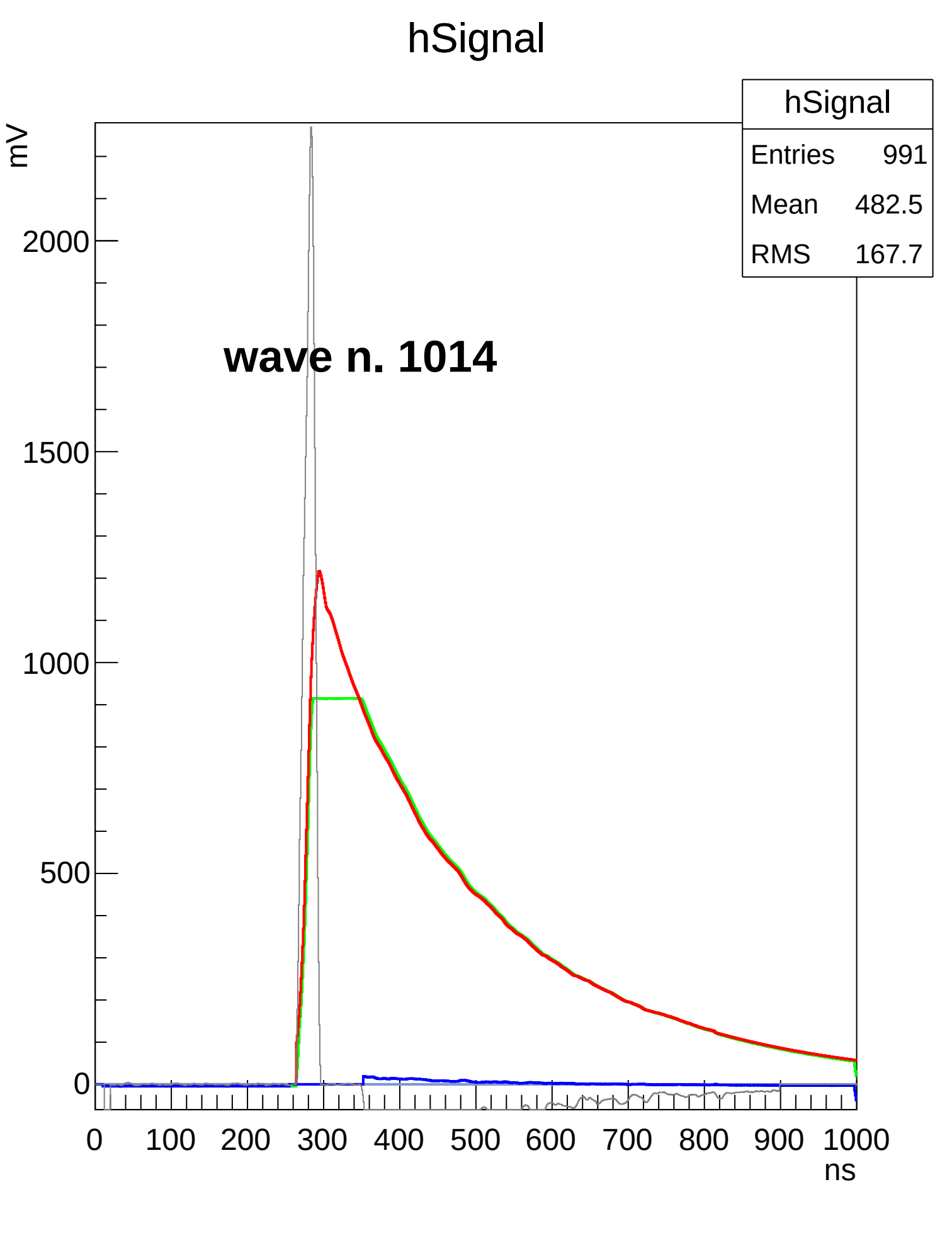
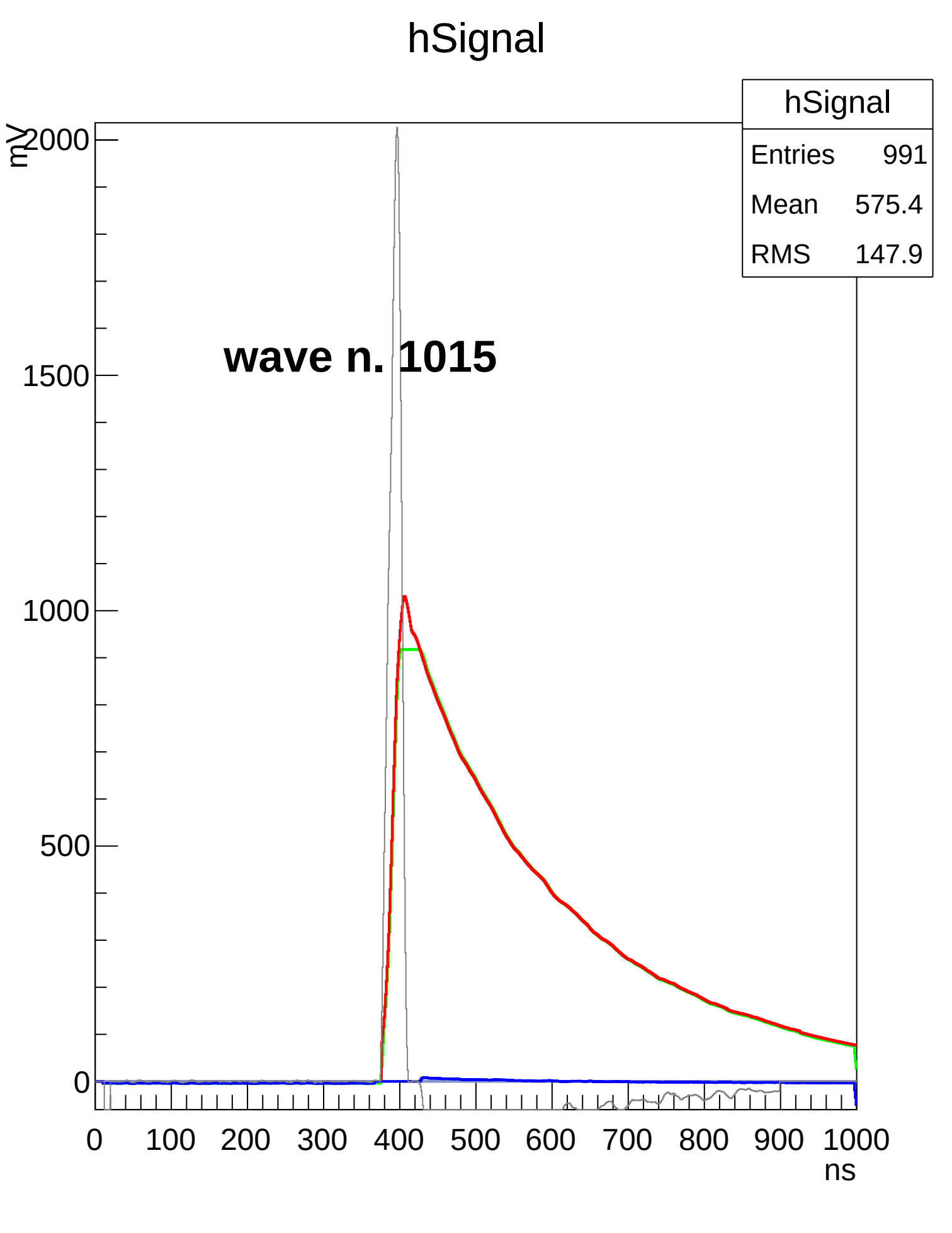
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 482.5
RMS 167.7
wave n. 1014
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 575.4
RMS 147.9
wave n. 1015
mV
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400
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800
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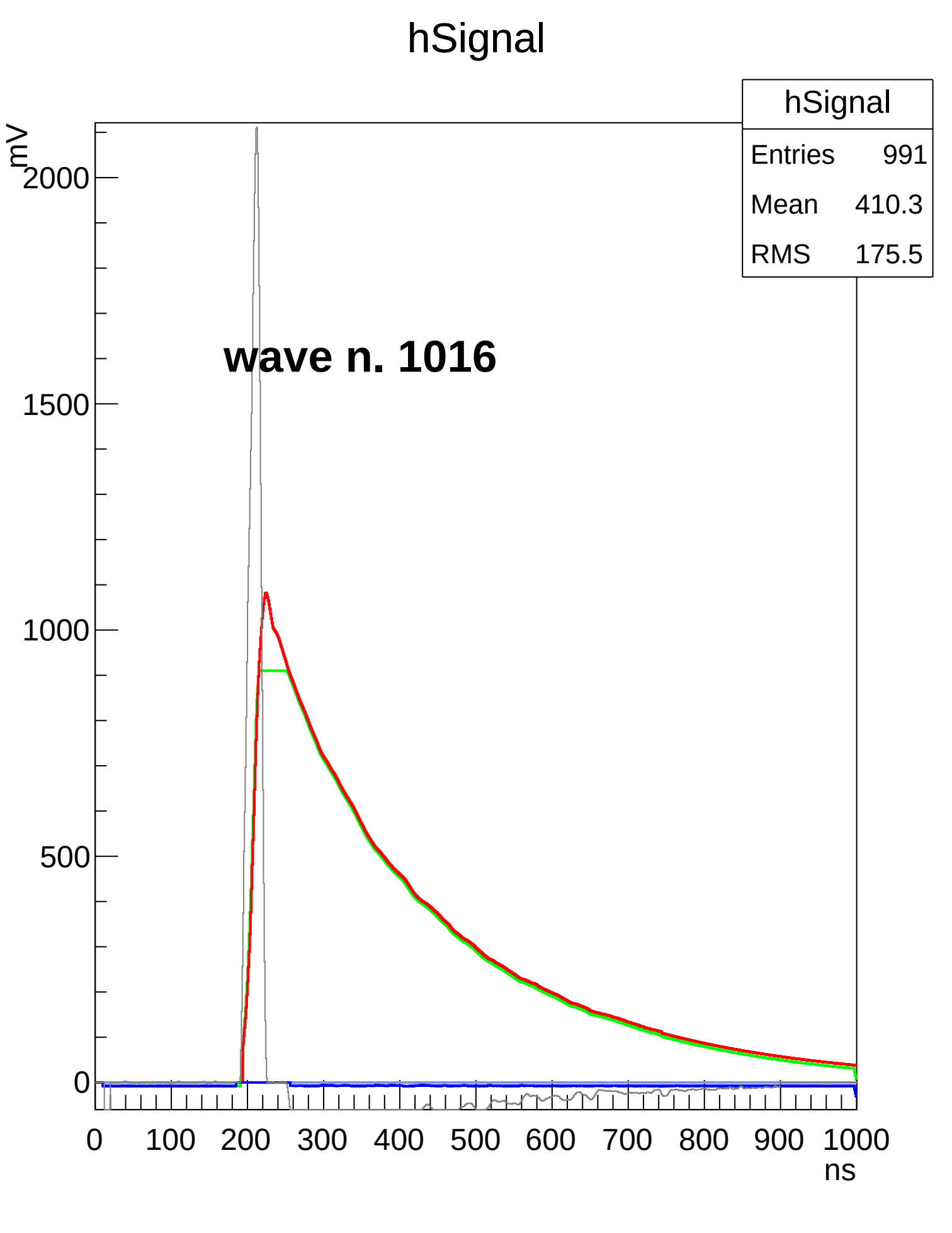
1000
ns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hSignal
Entries 991
Mean 410.3
RMS 175.5
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mV
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1500
1000
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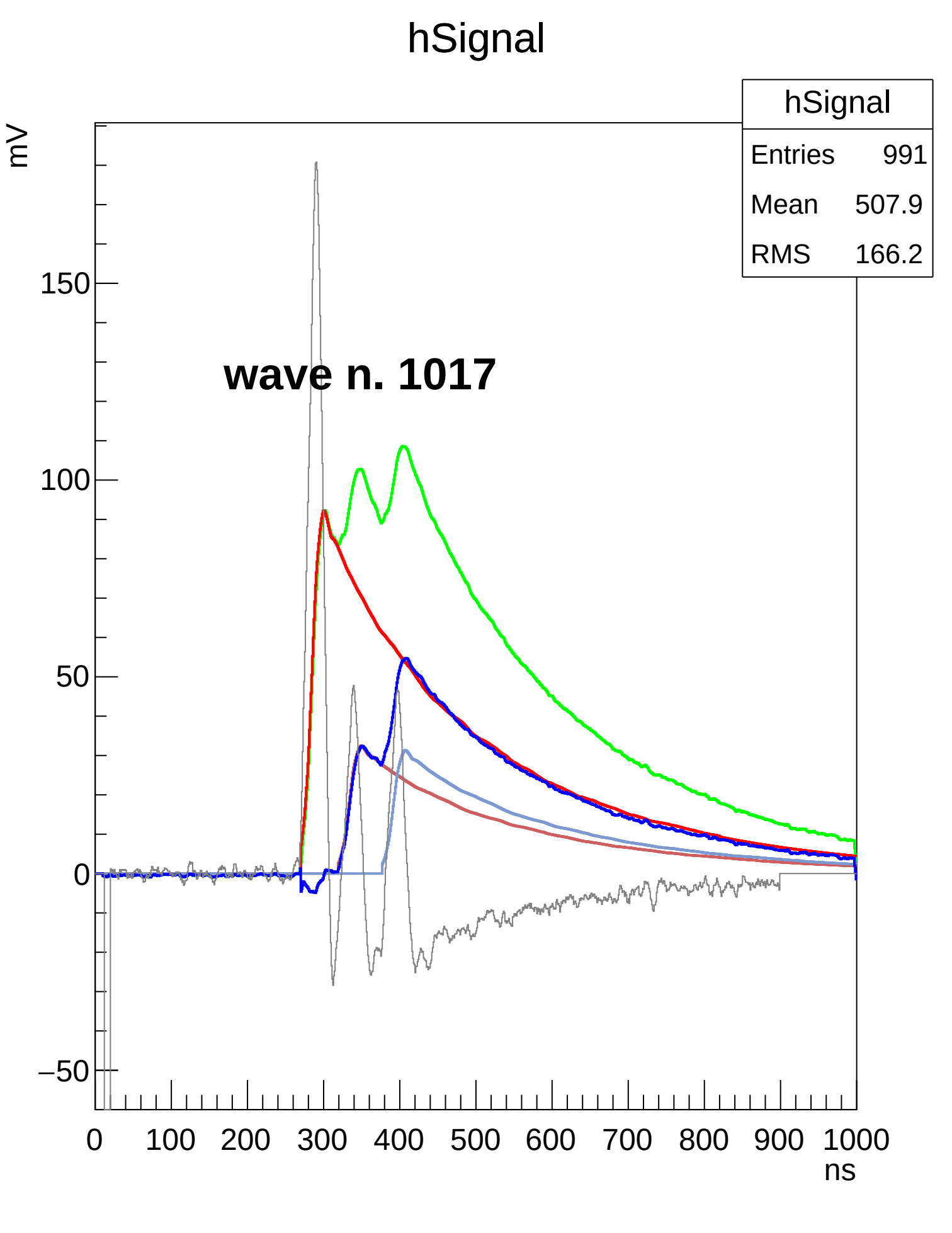
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hSignal
Entries 991
Mean 507.9
RMS 166.2
wave n. 1017
mV
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100
50
0
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0
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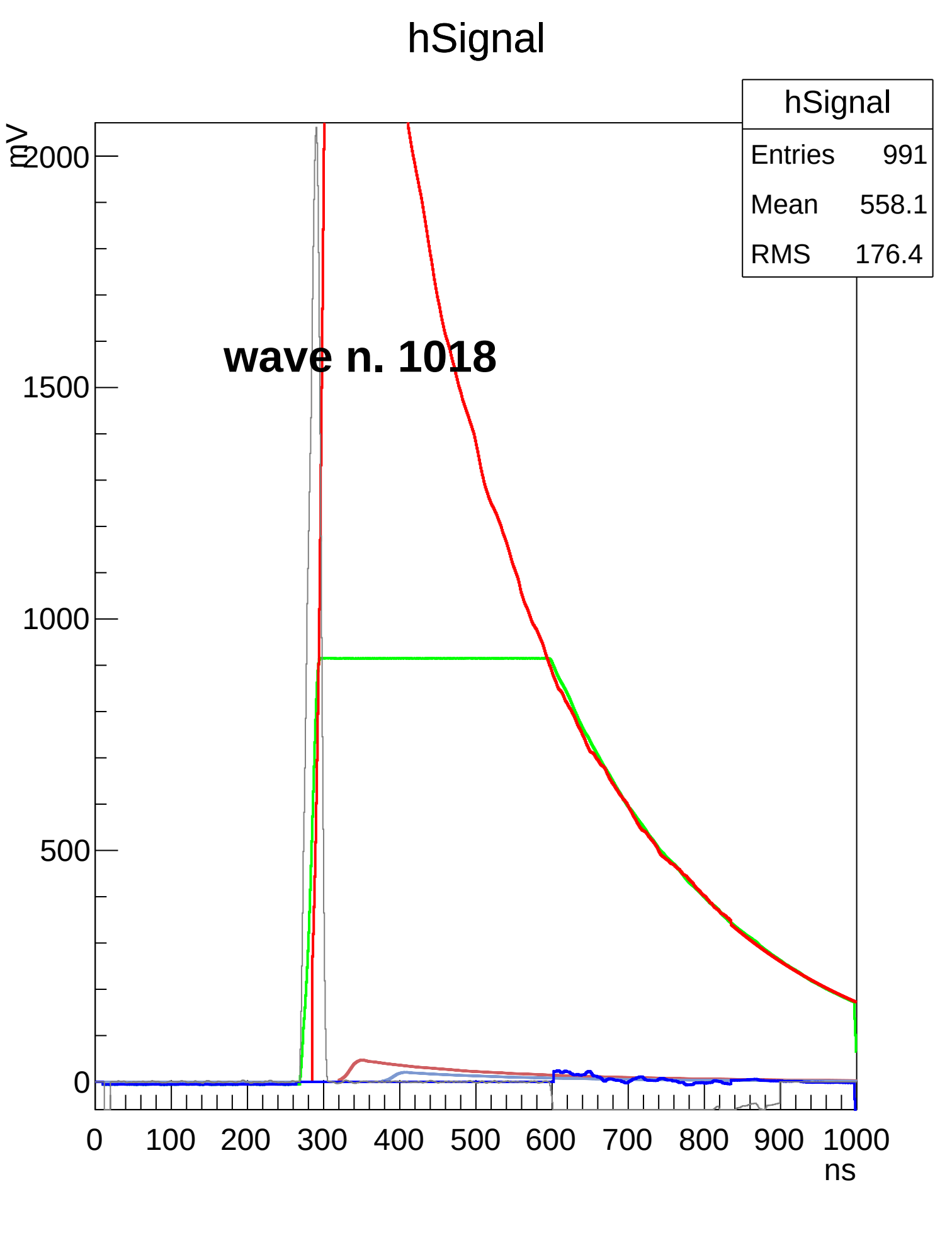
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hSignal
Entries 991
Mean 558.1
RMS 176.4
wave n. 1018
mV
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1500
1000
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0
100
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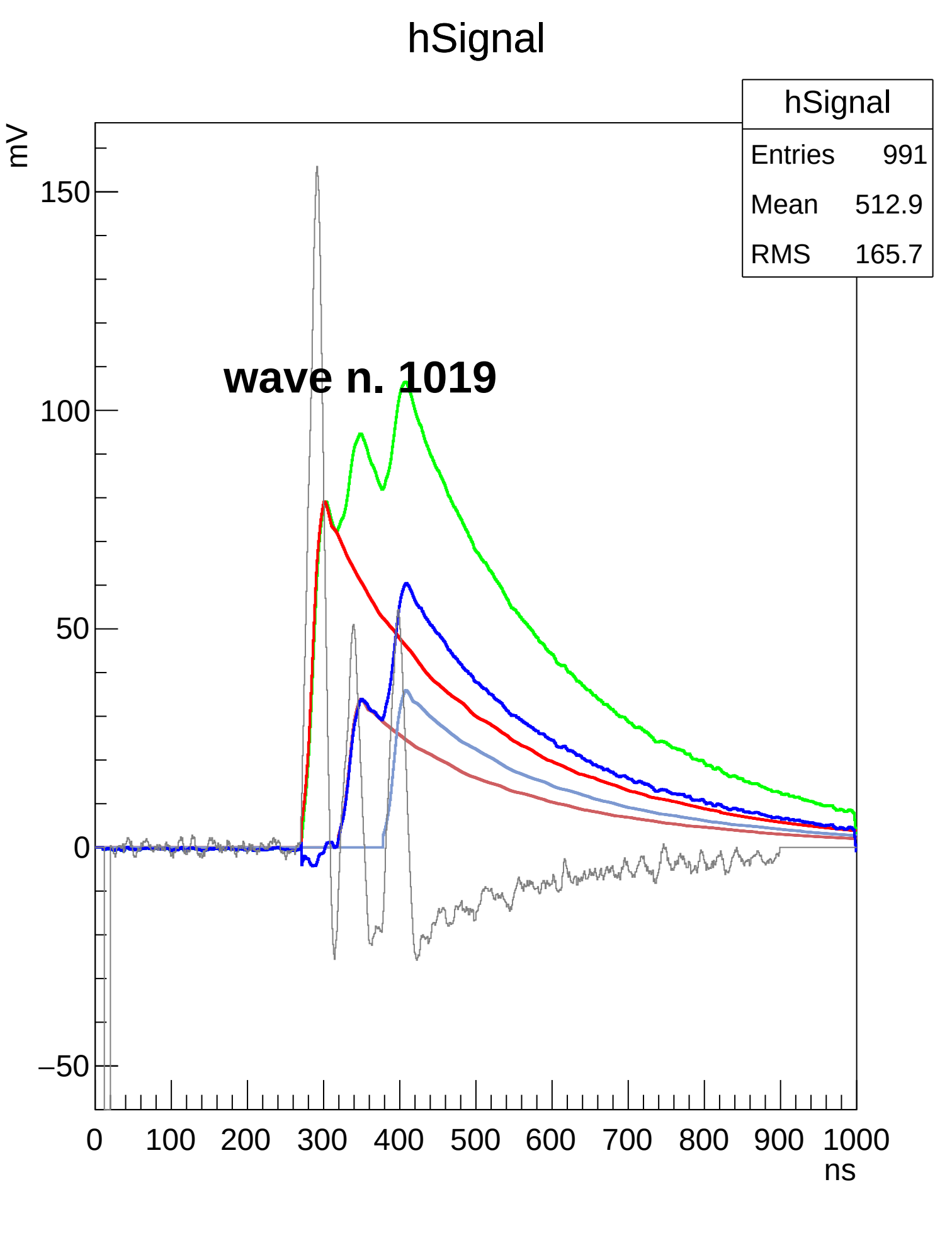
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hSignal
Entries 991
Mean 512.9
RMS 165.7
wave n. 1019
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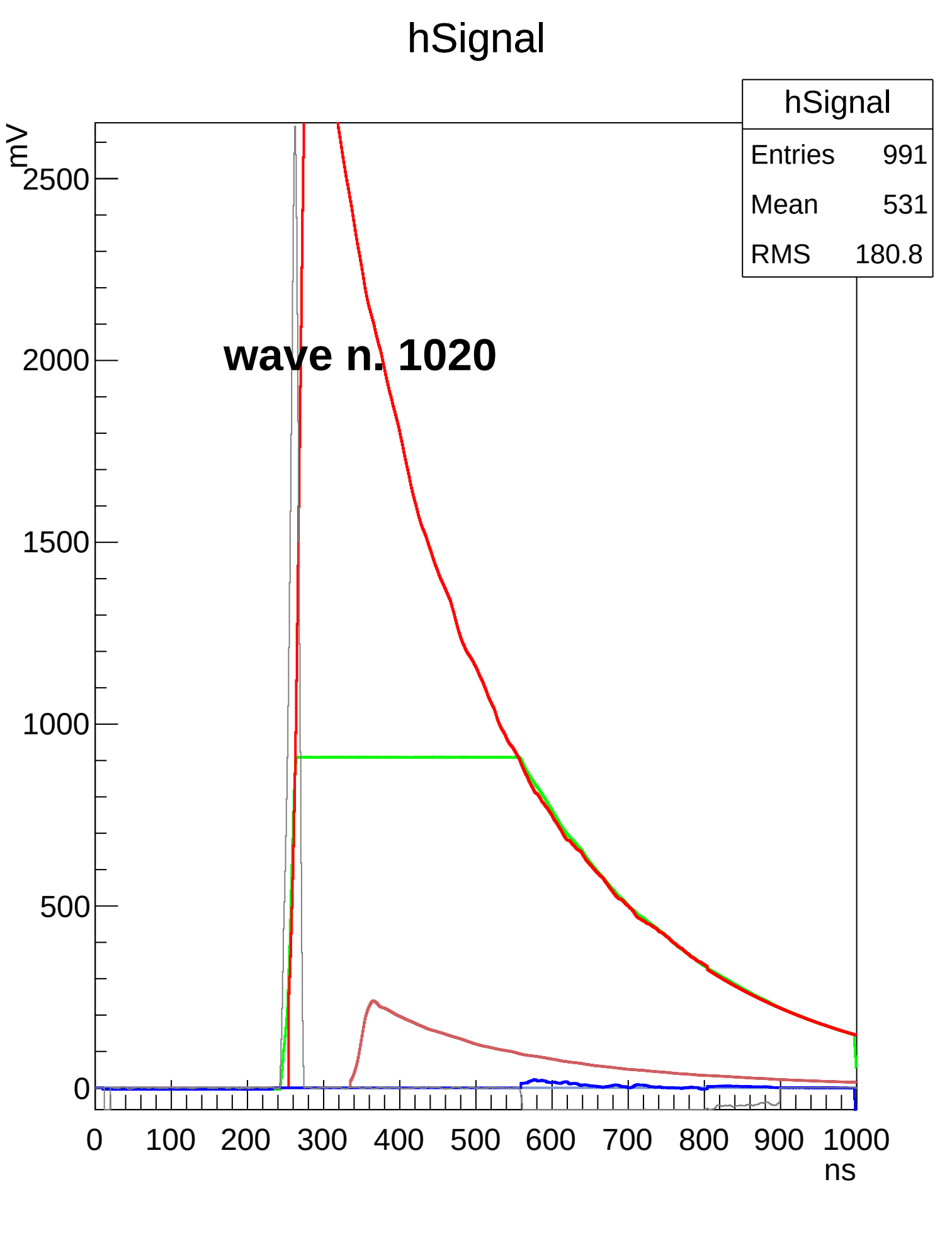
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hSignal
Entries 991
Mean 531
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wave n. 1020
mV
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2000
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1000
500
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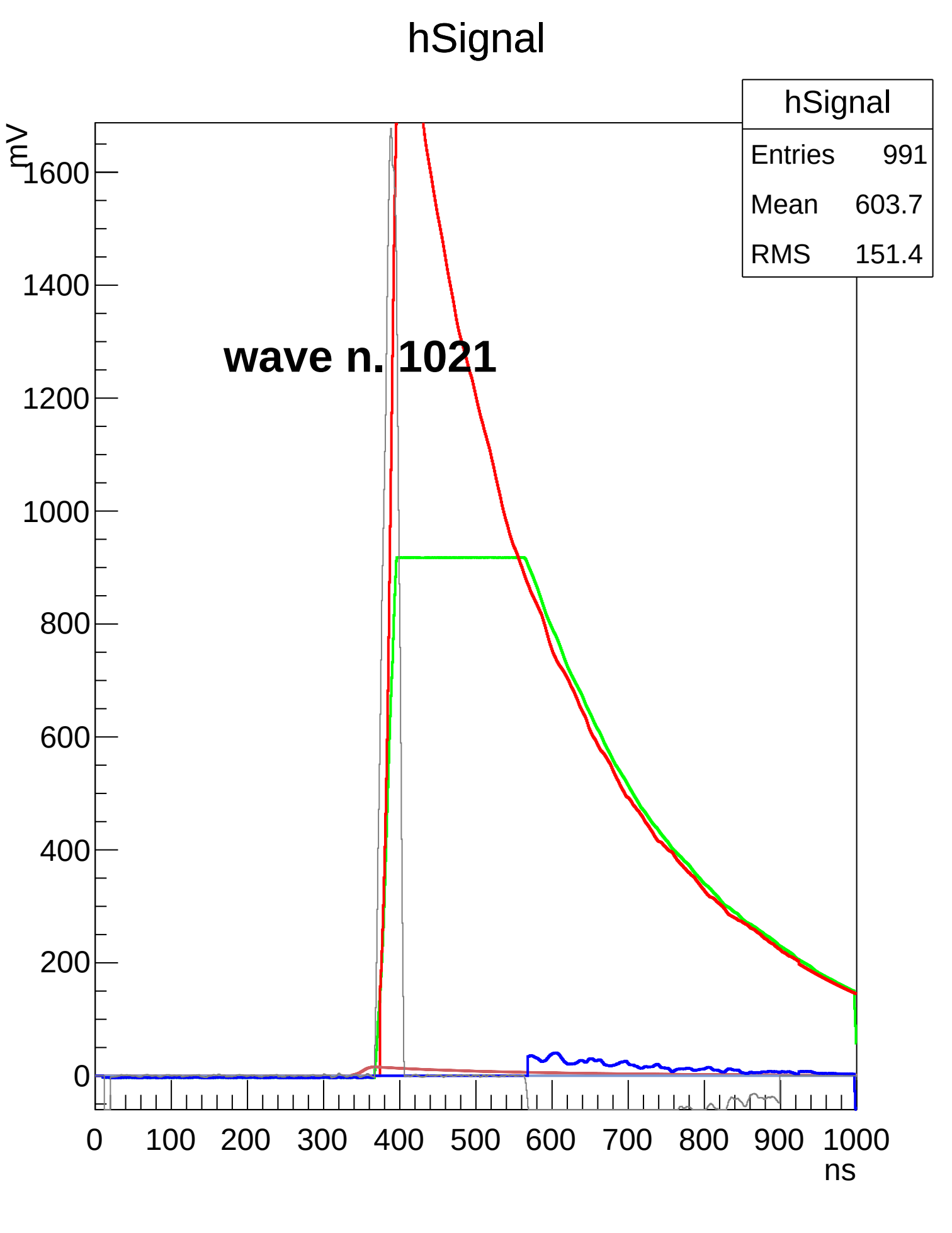
ns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hSignal
Entries 991
Mean 603.7
RMS 151.4
wave n. 1021
mV
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1000
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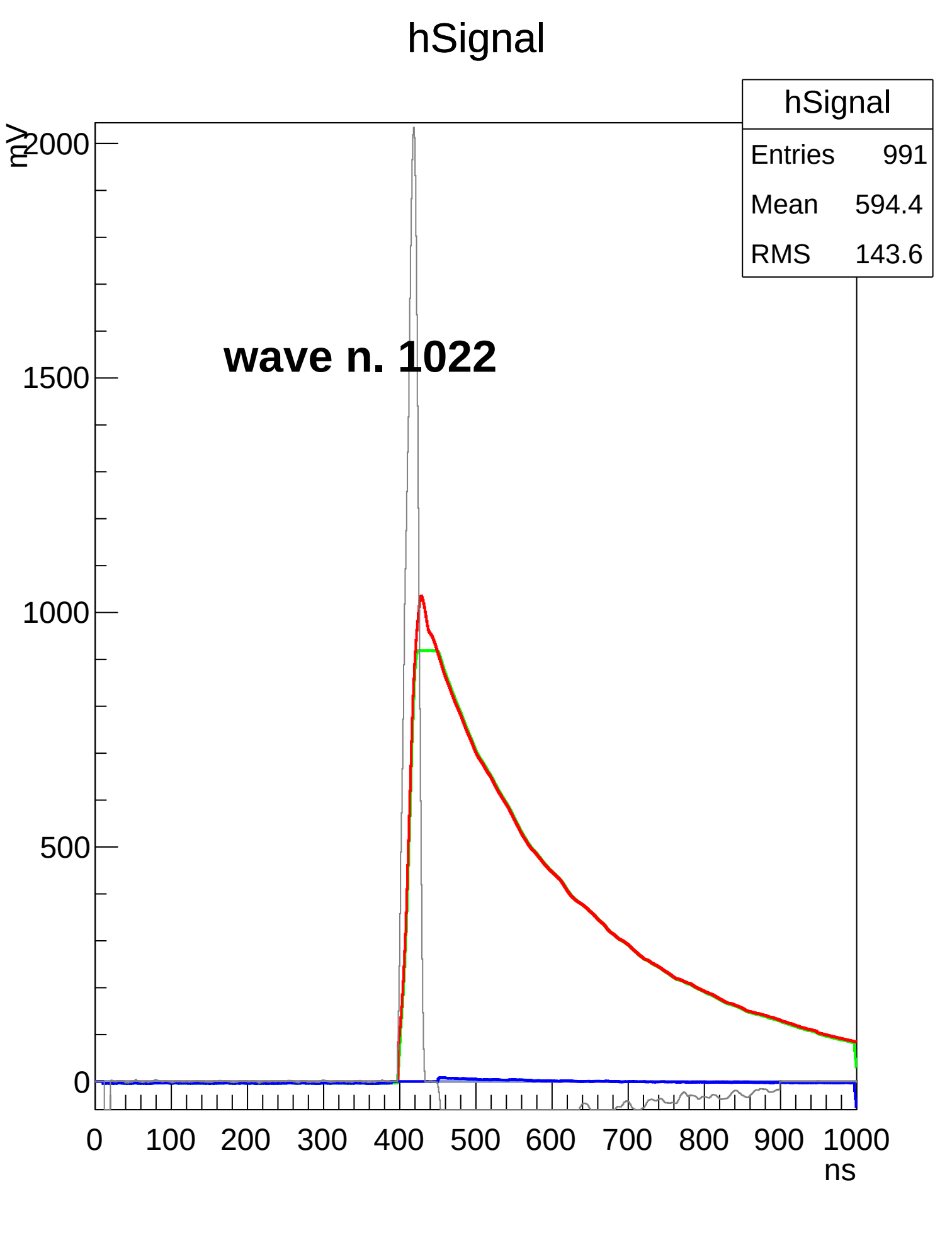
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hSignal
Entries 991
Mean 594.4
RMS 143.6
wave n. 1022
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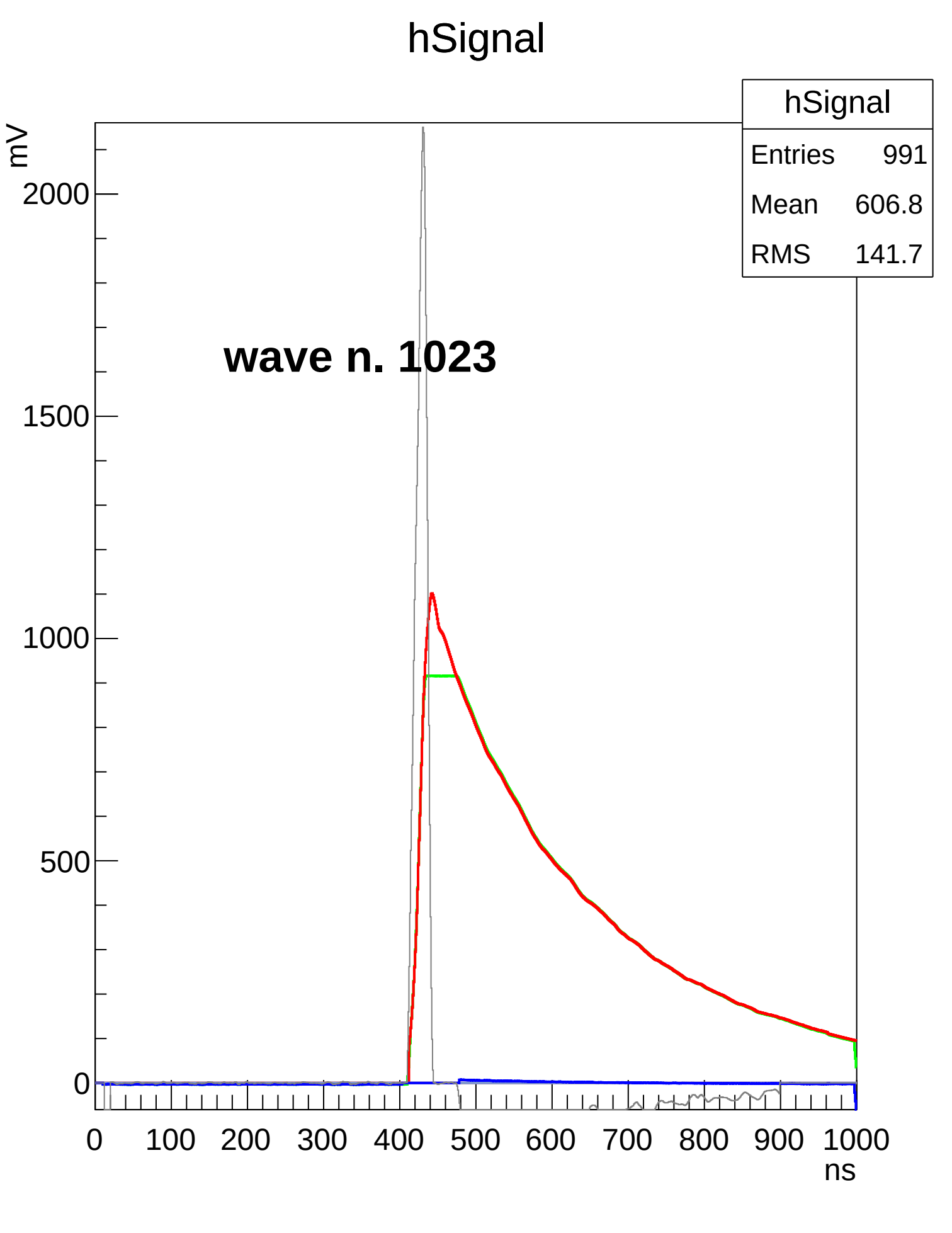
hSignal
hSignal
Entries 991
Mean 606.8
RMS 141.7
wave n. 1023
mV
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1000
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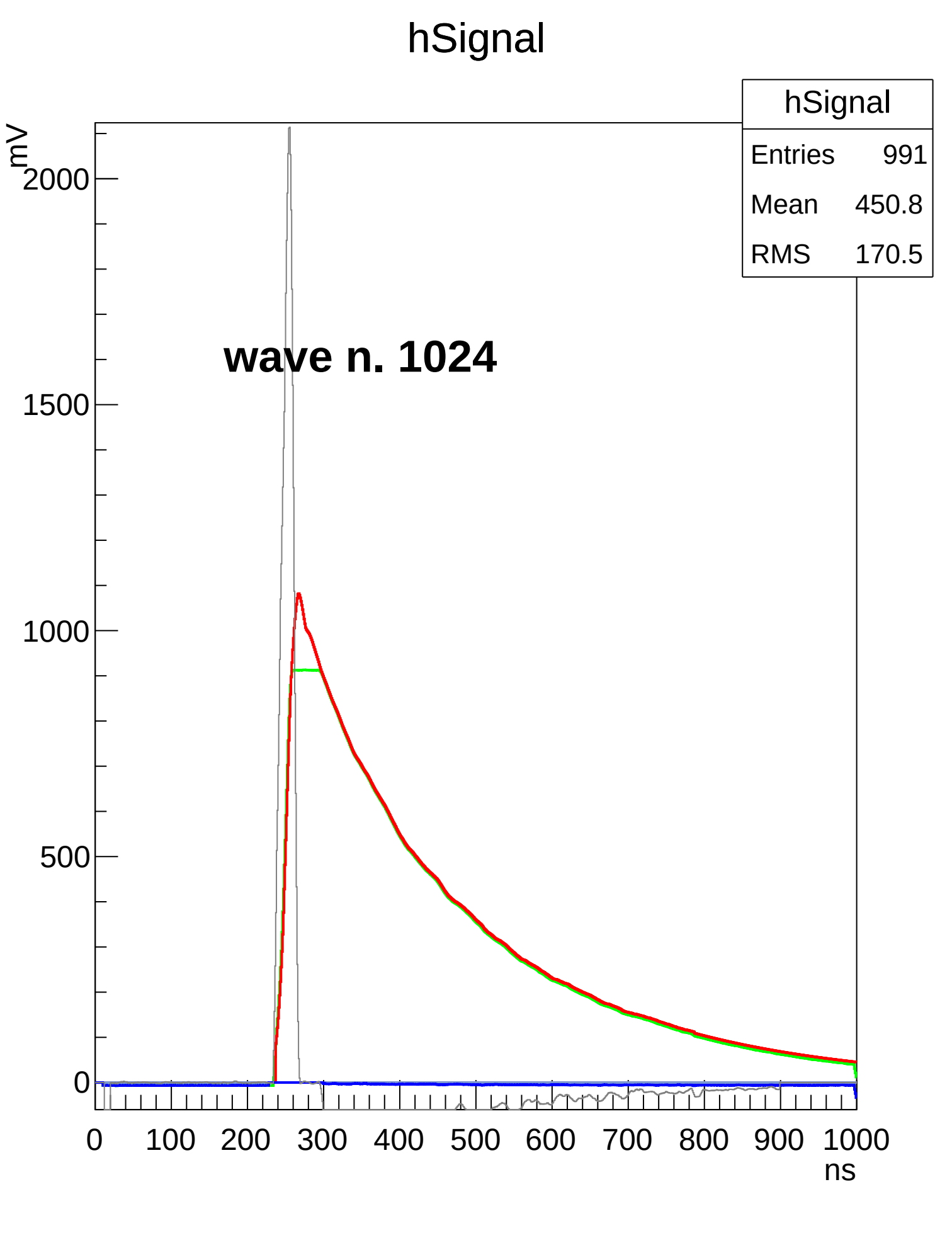
hSignal
hSignal
Entries 991
Mean 450.8
RMS 170.5
wave n. 1024
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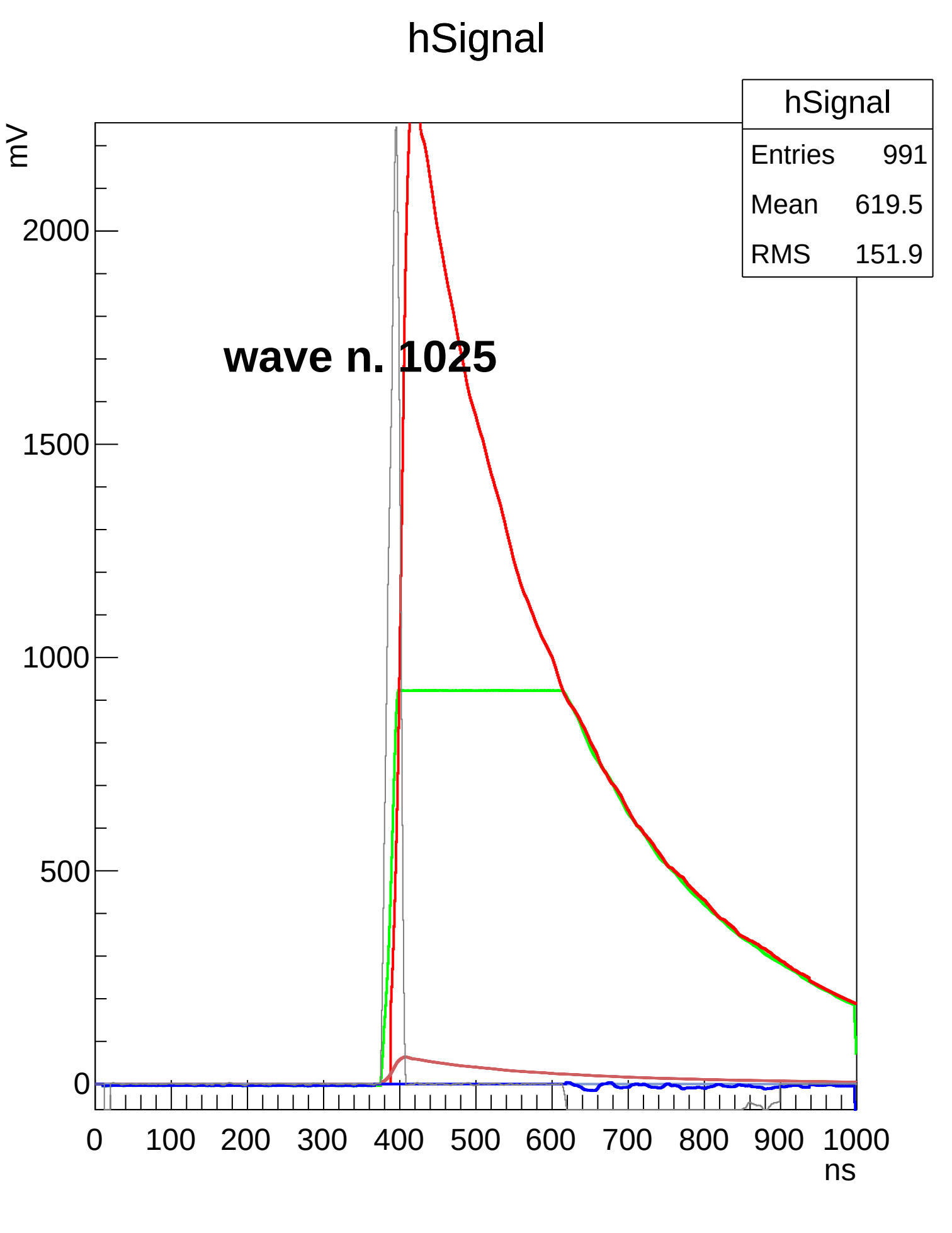
hSignal
hSignal
Entries 991
Mean 619.5
RMS 151.9
wave n. 1025
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800
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1000
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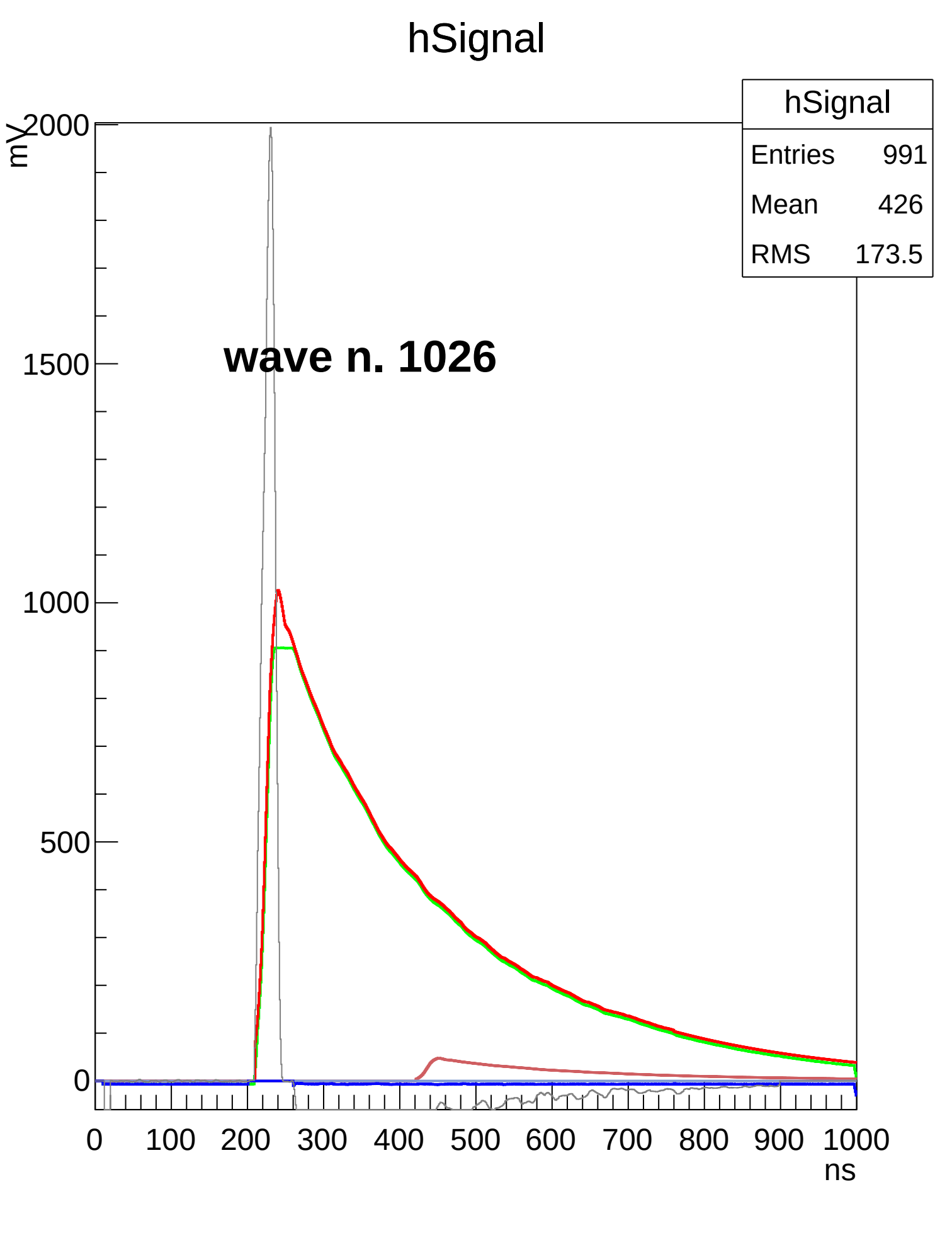
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hSignal
Entries 991
Mean 426
RMS 173.5
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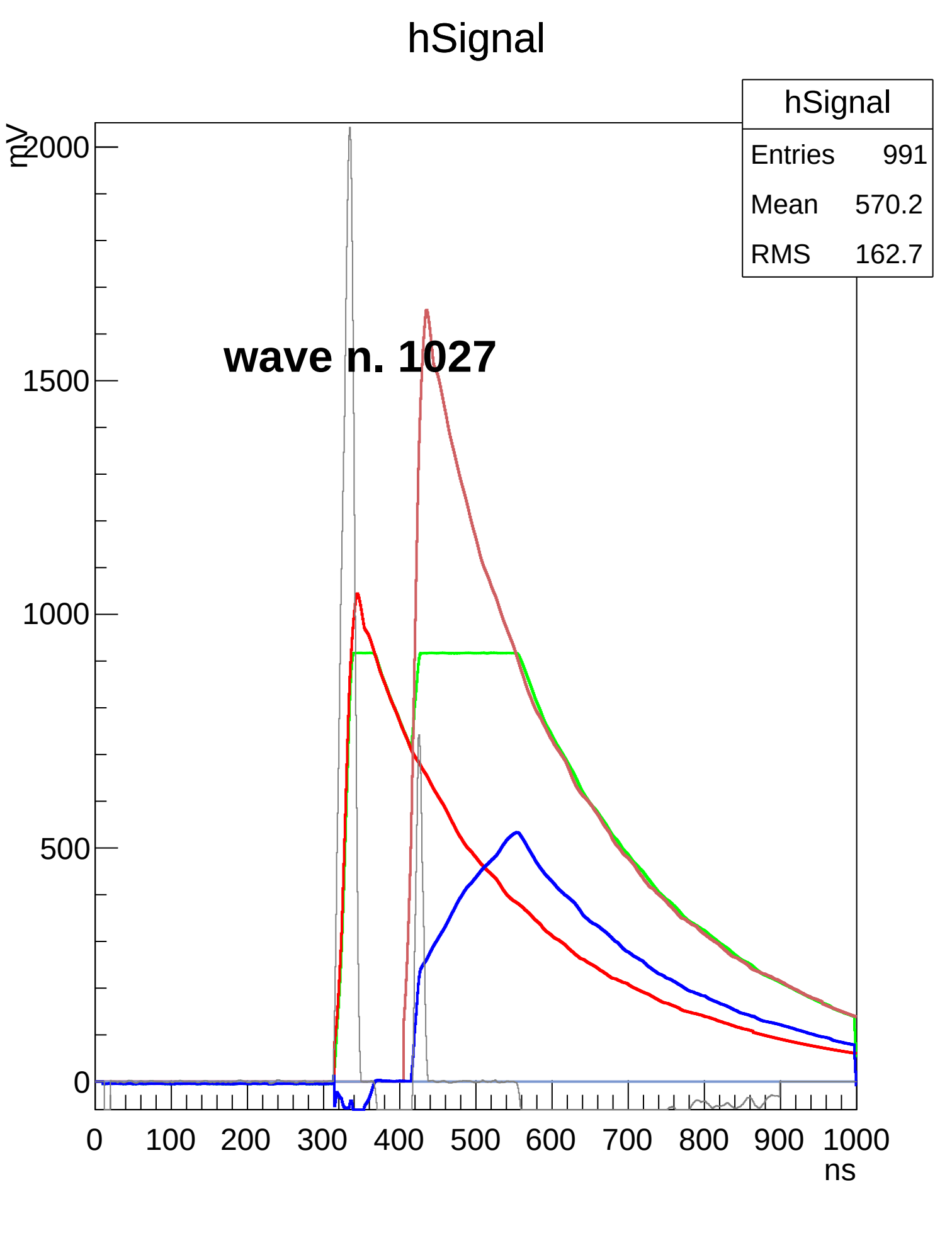
hSignal
hSignal
Entries 991
Mean 570.2
RMS 162.7
wave n. 1027
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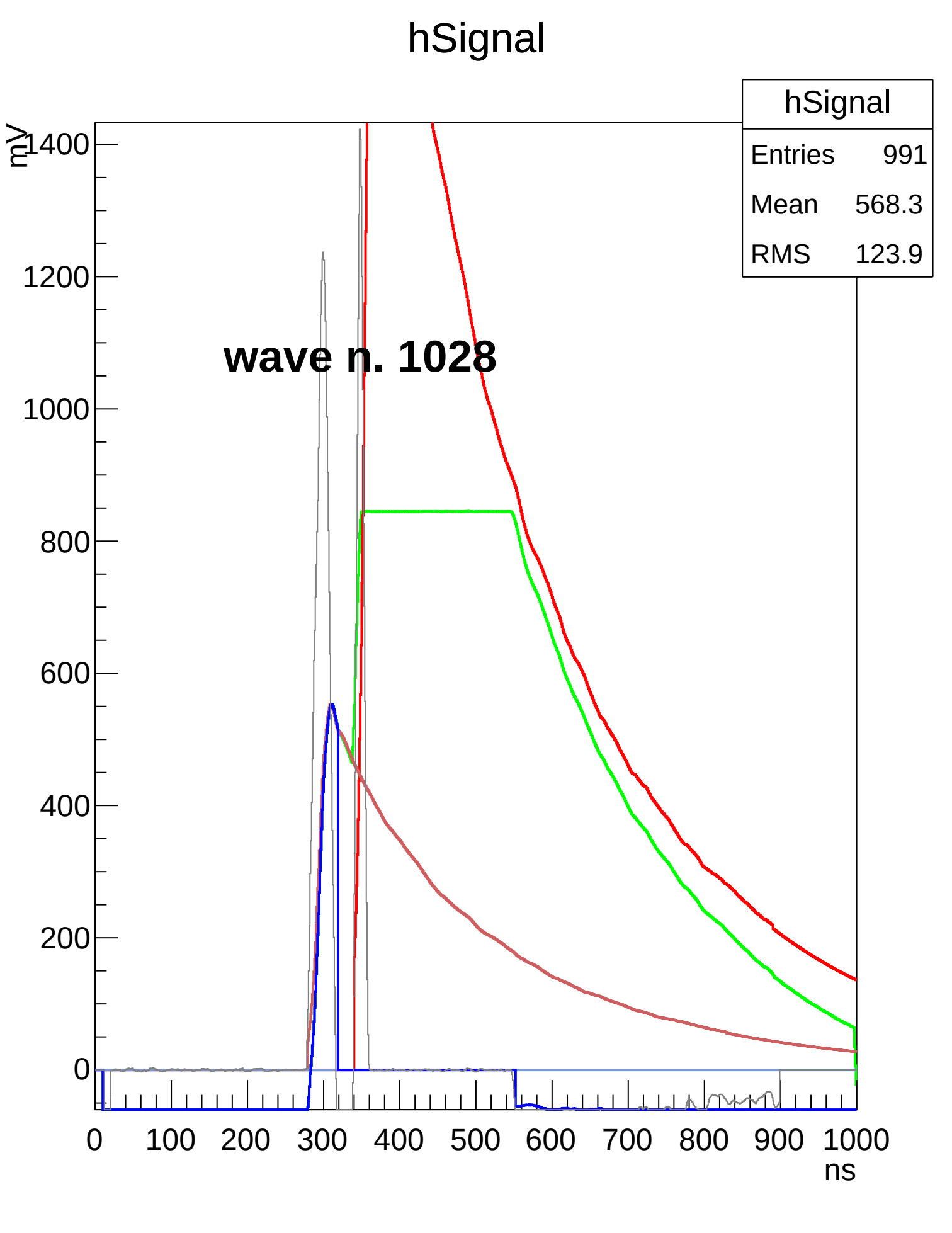
hSignal
hSignal
Entries 991
Mean 568.3
RMS 123.9
wave n. 1028
mV
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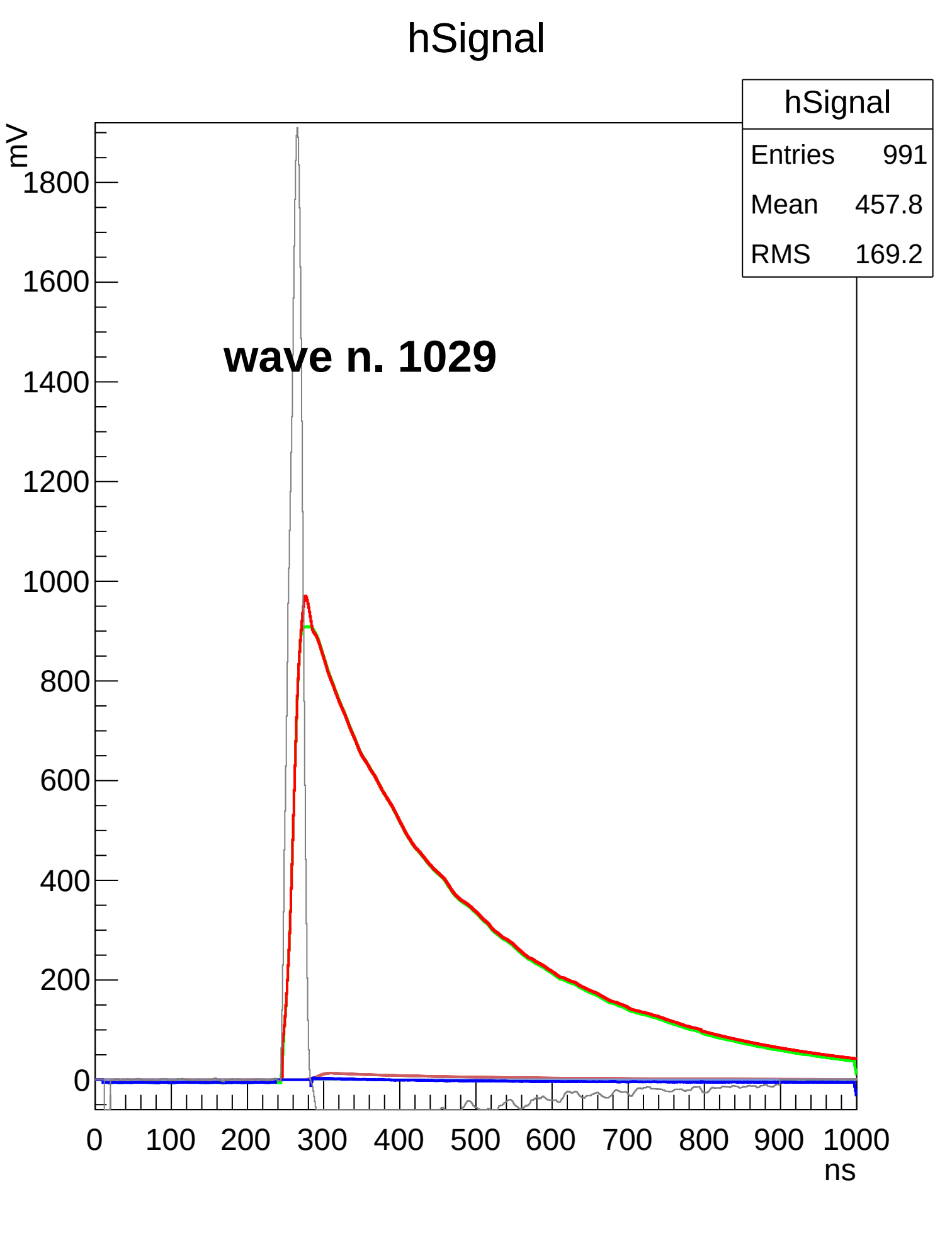
1000
ns


hSignal
hSignal
Entries 991
Mean 457.8
RMS 169.2
wave n. 1029
mV
1800
1600
1400
1200
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200
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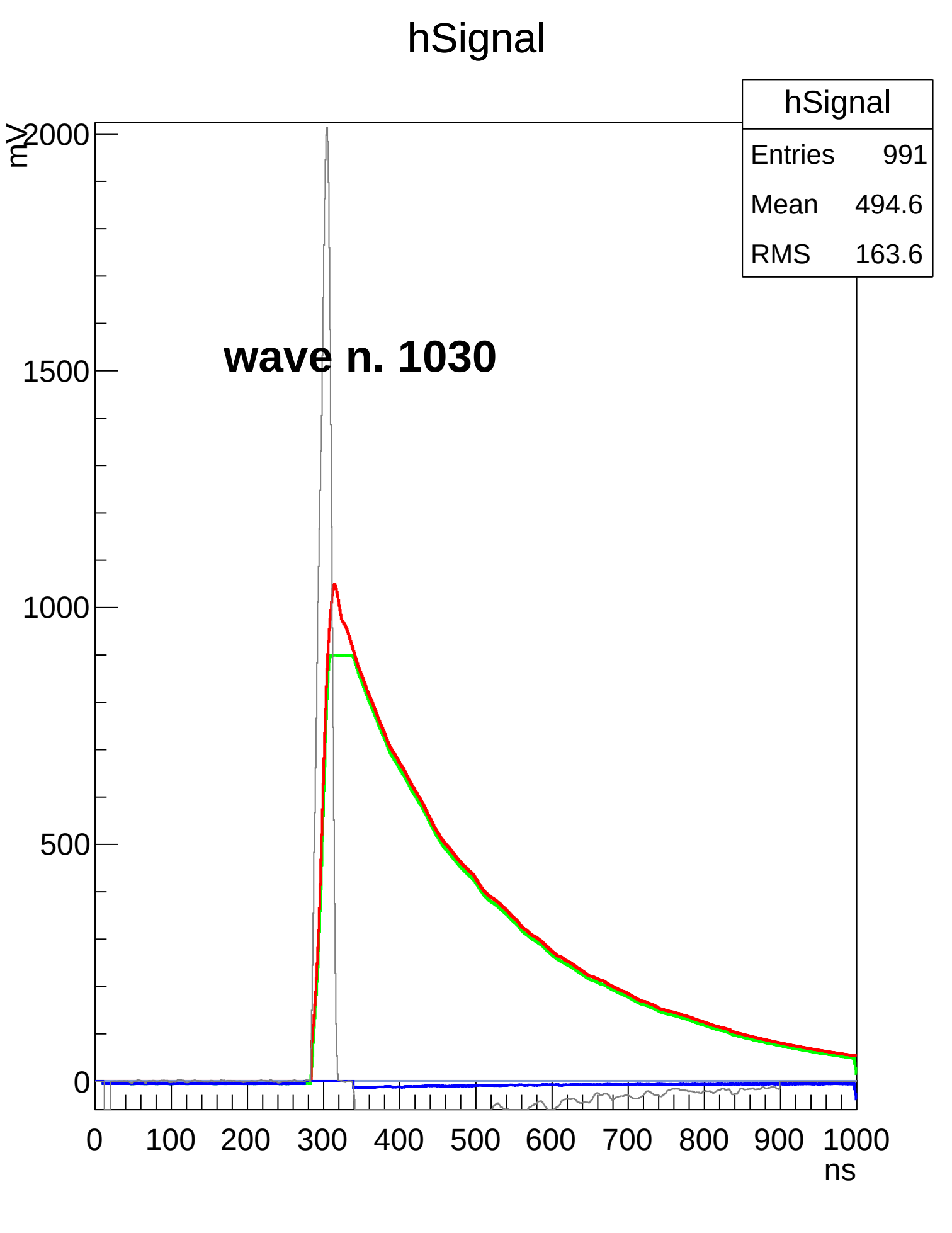
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 494.6
RMS 163.6
wave n. 1030
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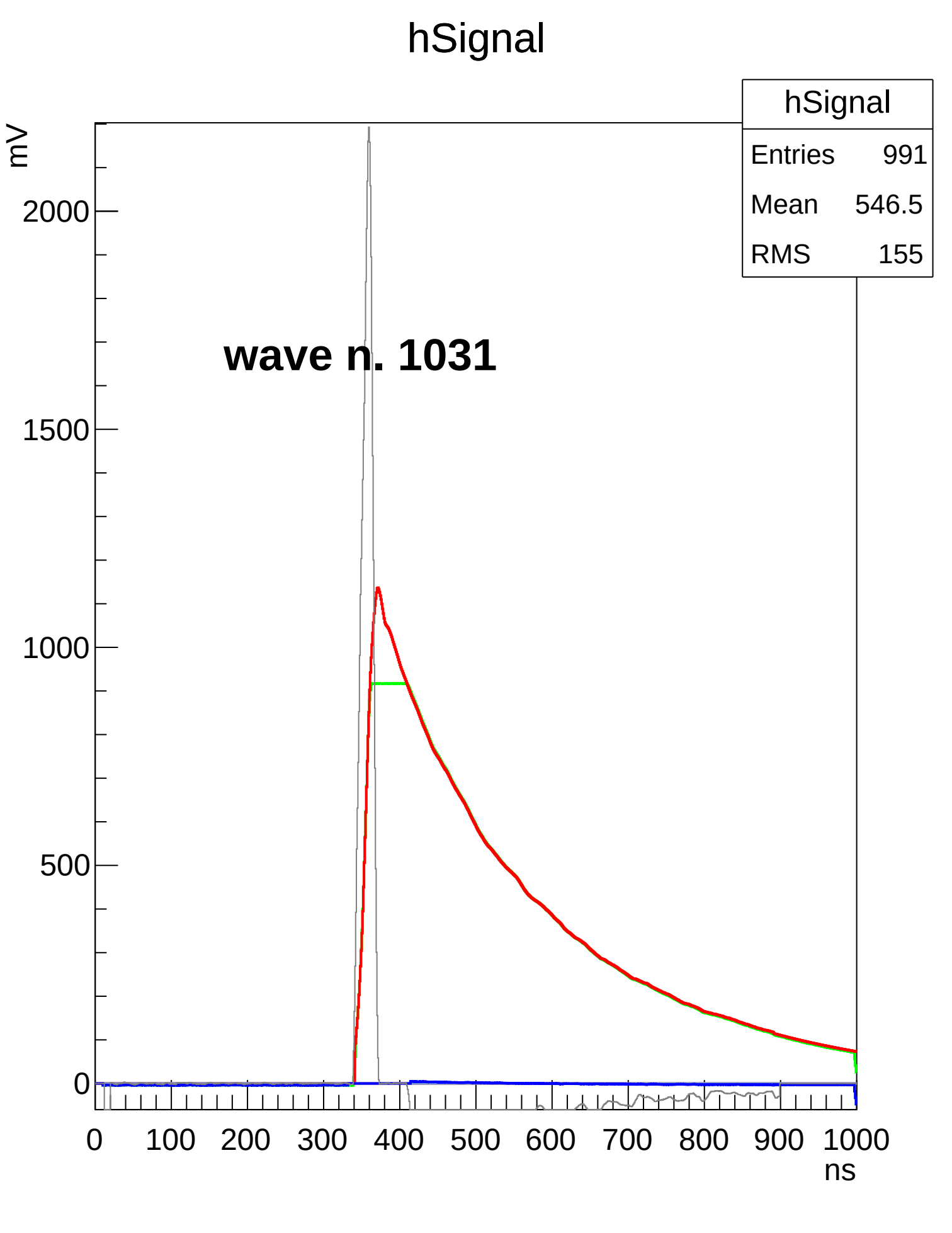
800
900
1000
ns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RMS 155
wave n. 1031
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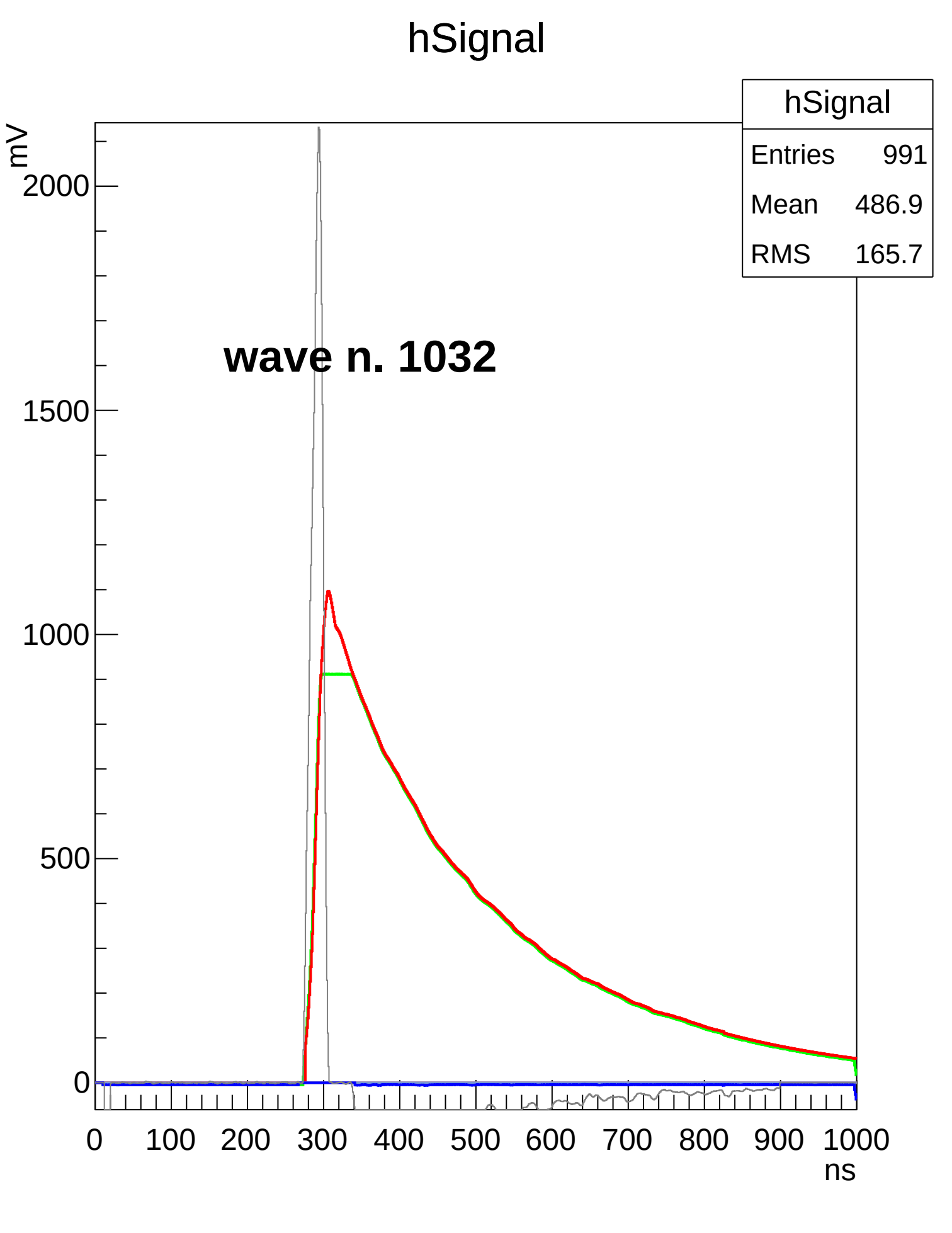
ns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hSignal
Entries 991
Mean 486.9
RMS 165.7
wave n. 1032
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0
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400
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800
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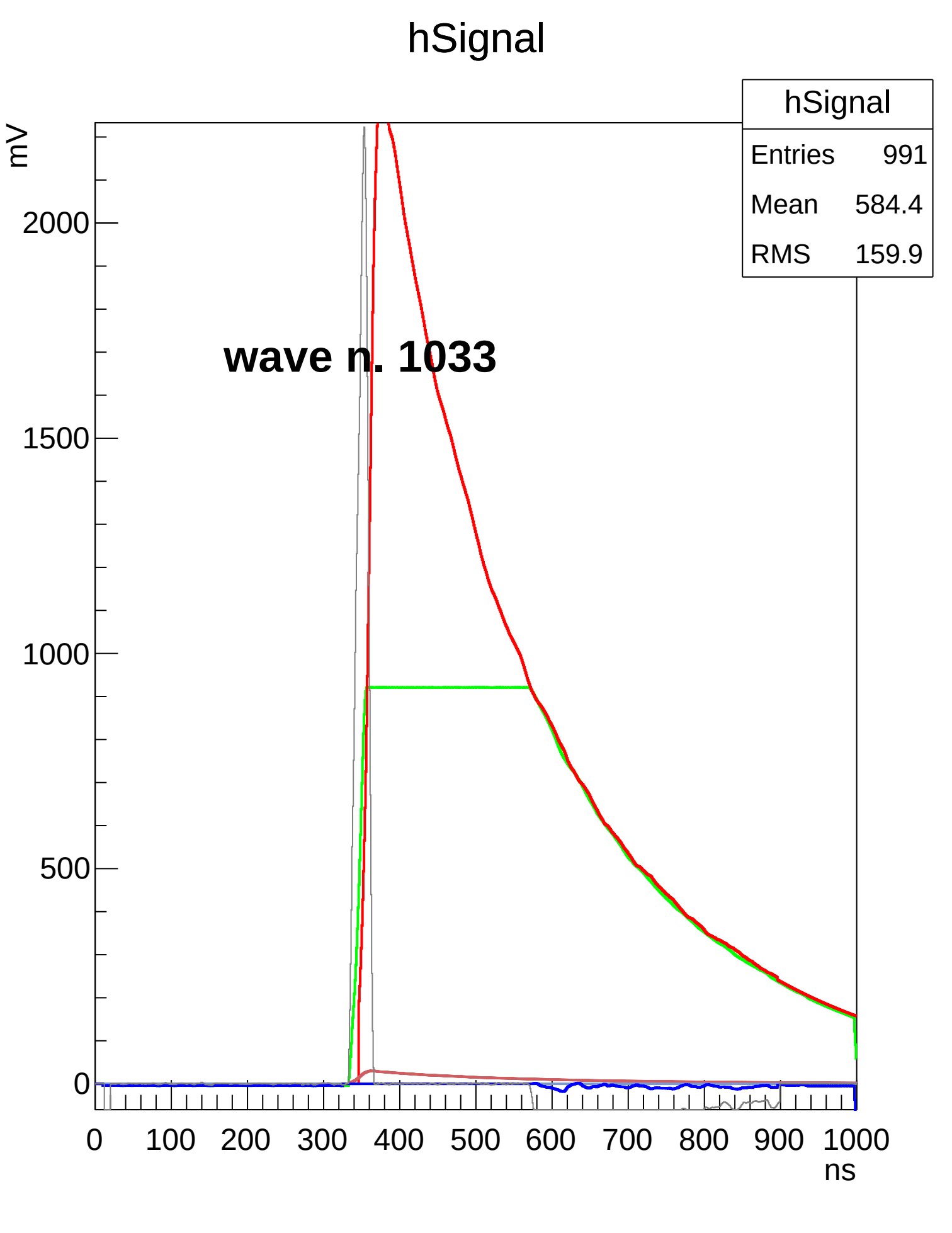
hSignal
hSignal
Entries 991
Mean 584.4
RMS 159.9
wave n. 1033
mV
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1000
500
0
0
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400
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600
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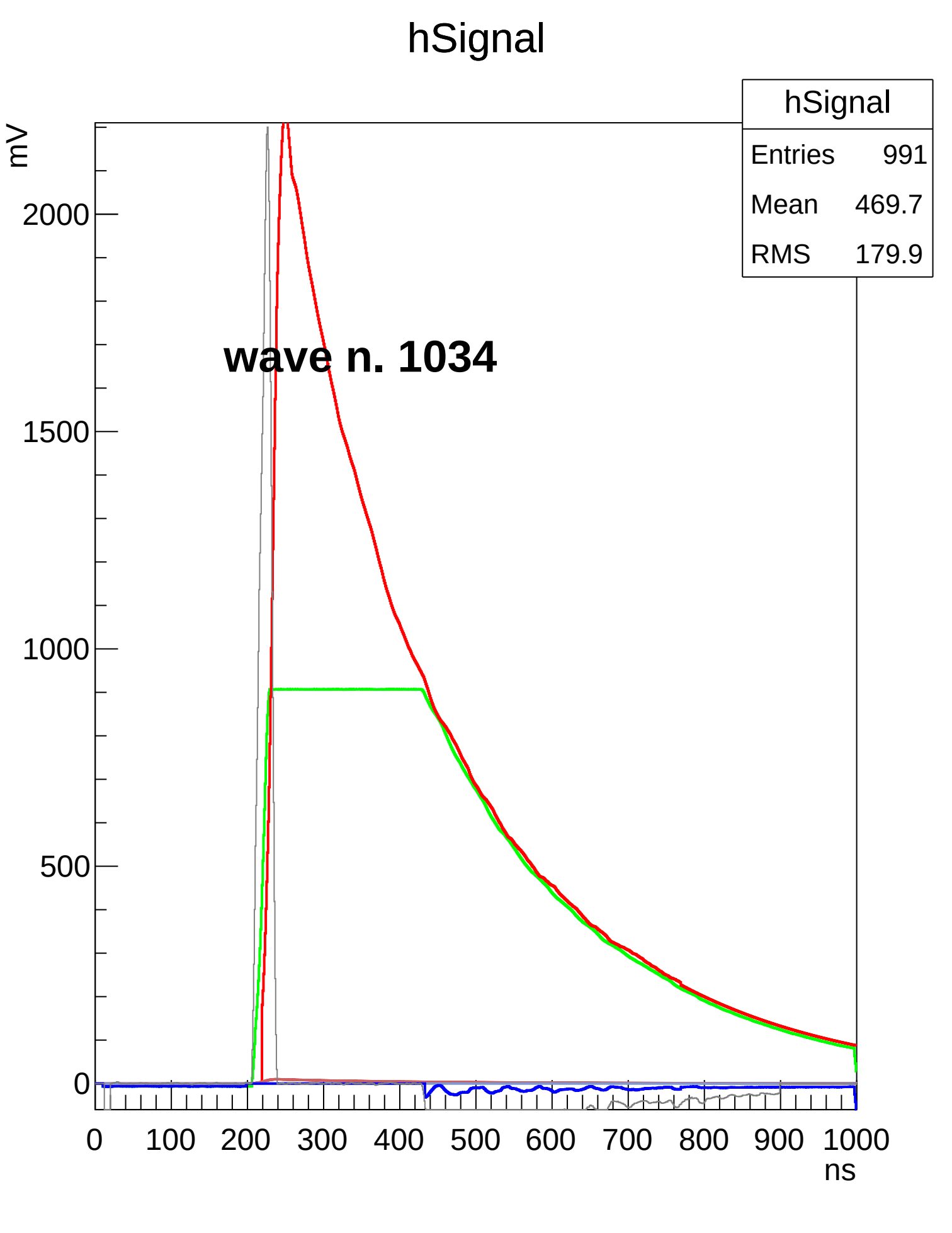
800
900
1000
ns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hSignal
Entries 991
Mean 469.7
RMS 179.9
wave n. 1034
mV
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1500
1000
500
0
0
100
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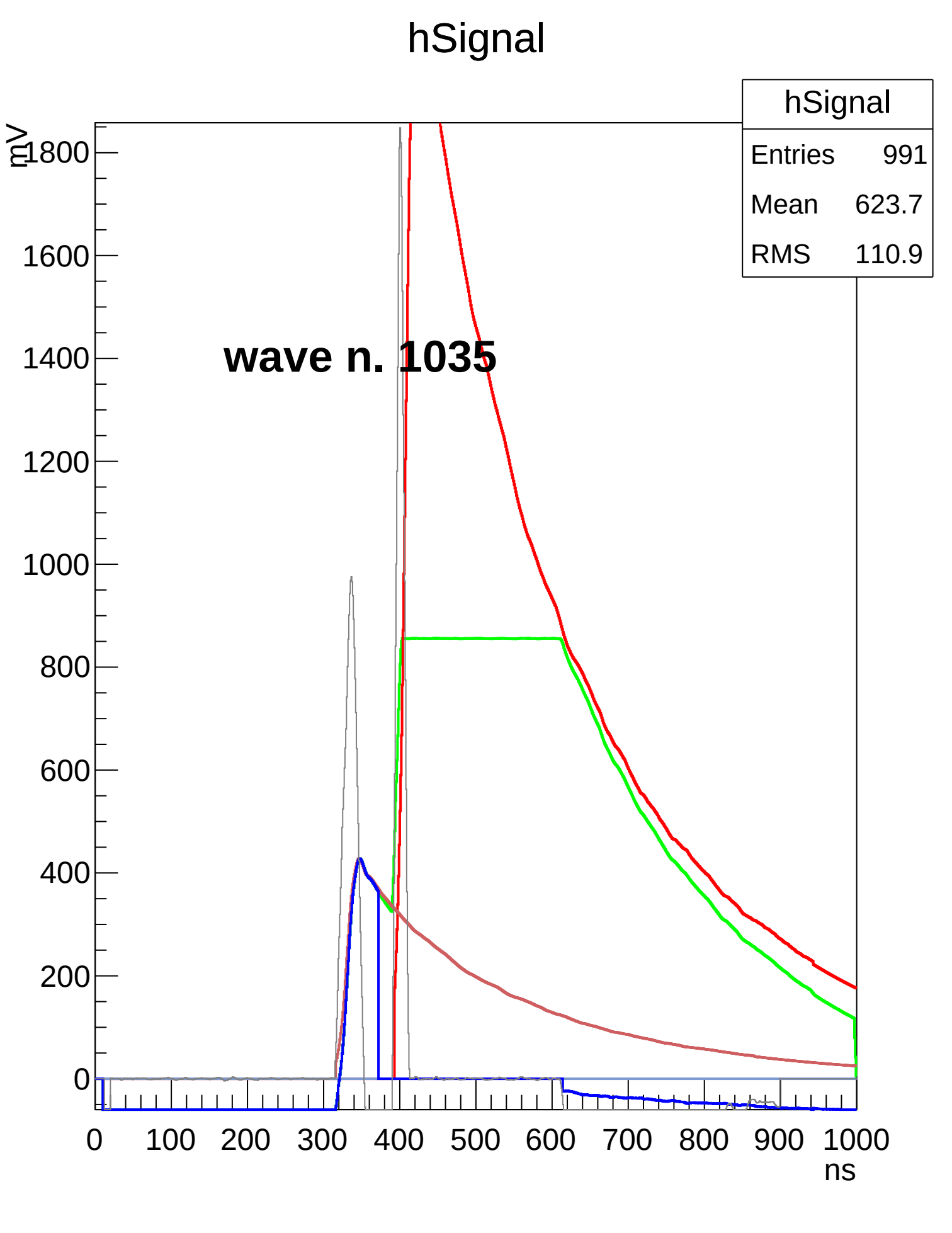
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 623.7
RMS 110.9
wave n. 1035
mV
1800
1600
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600
400
200
0
0
100
200
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400
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1000
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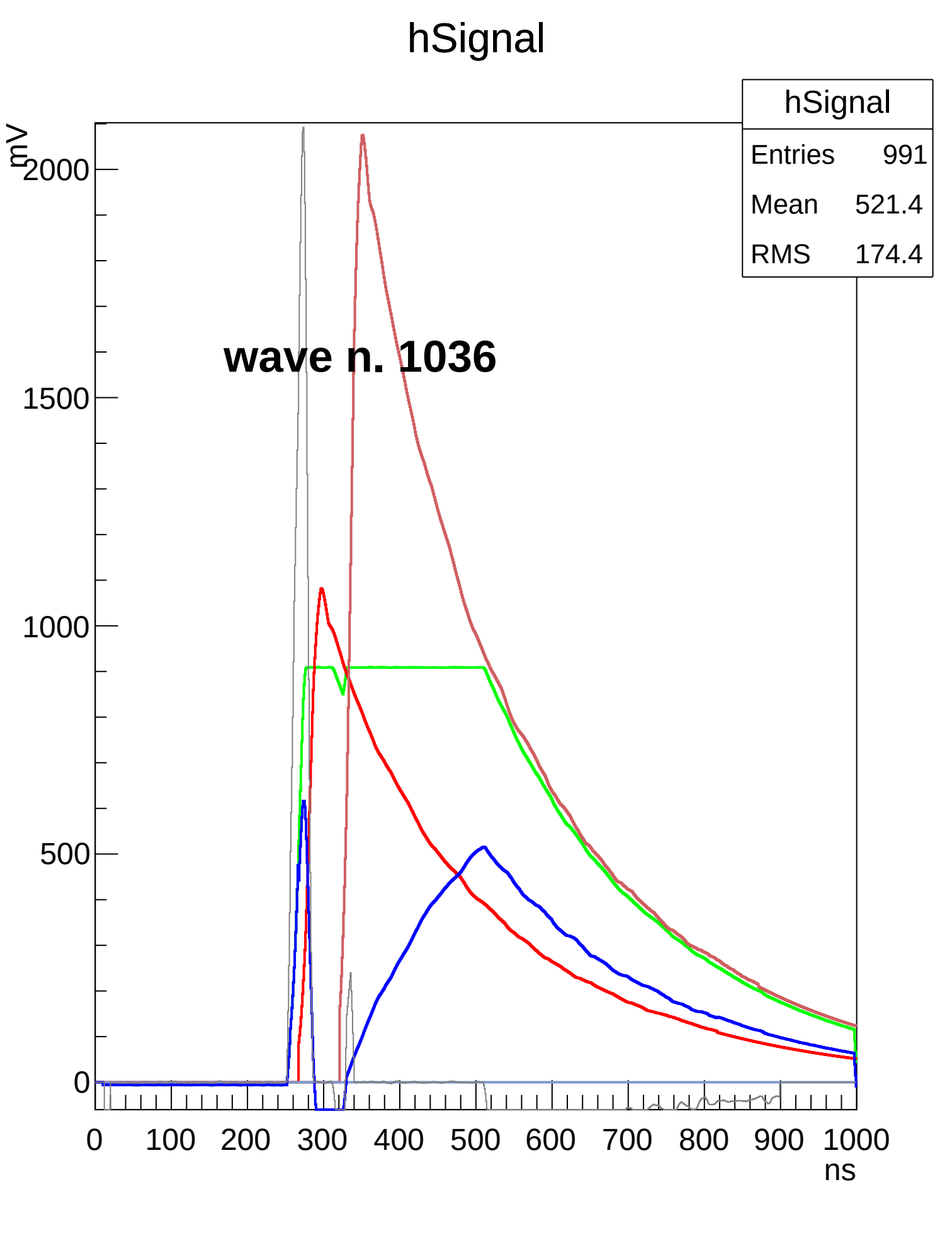
hSignal
hSignal
Entries 991
Mean 521.4
RMS 174.4
wave n. 1036
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0
100
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400
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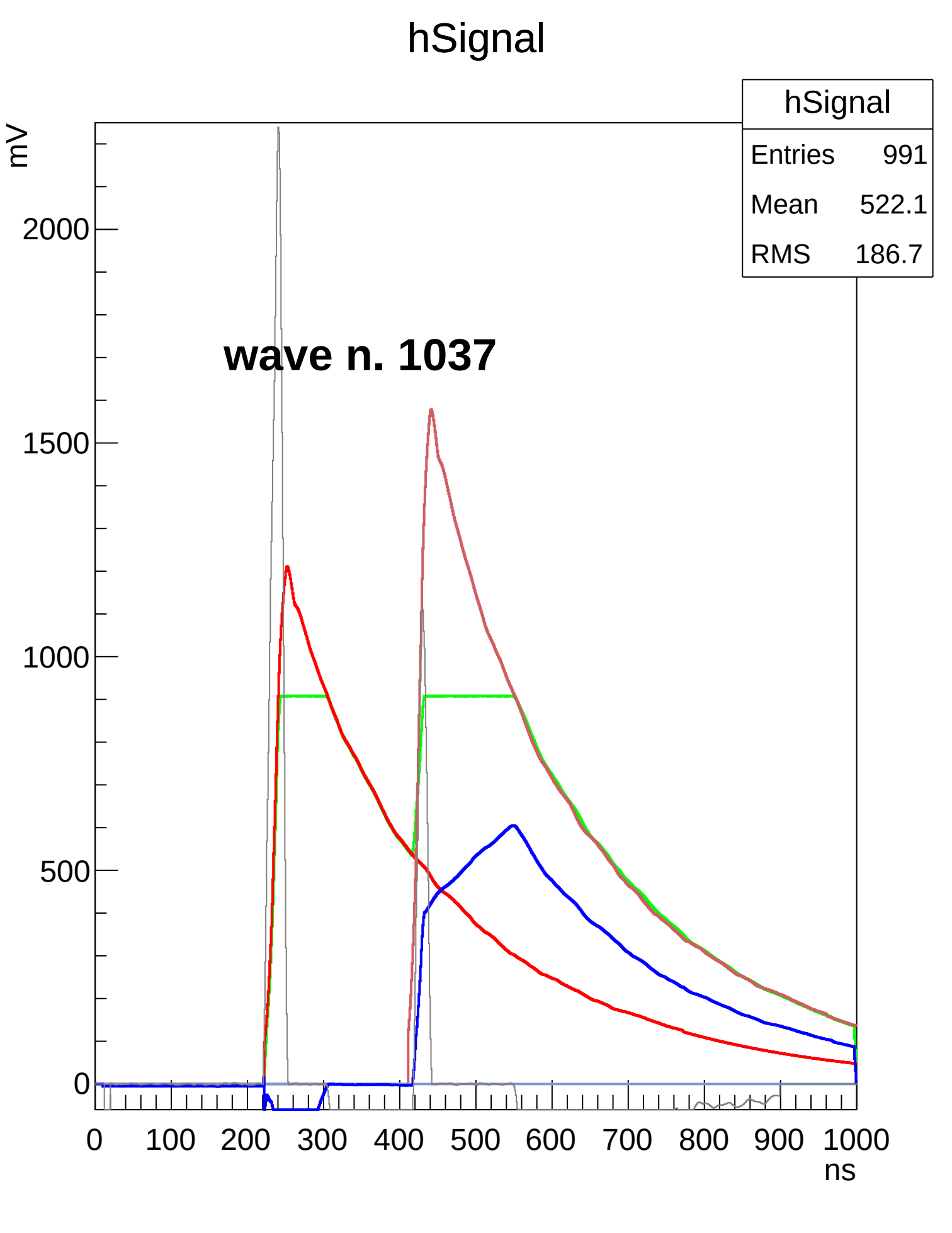
900
1000
ns


hSignal
hSignal
Entries 991
Mean 522.1
RMS 186.7
wave n. 1037
mV
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1000
500
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0
100
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400
500
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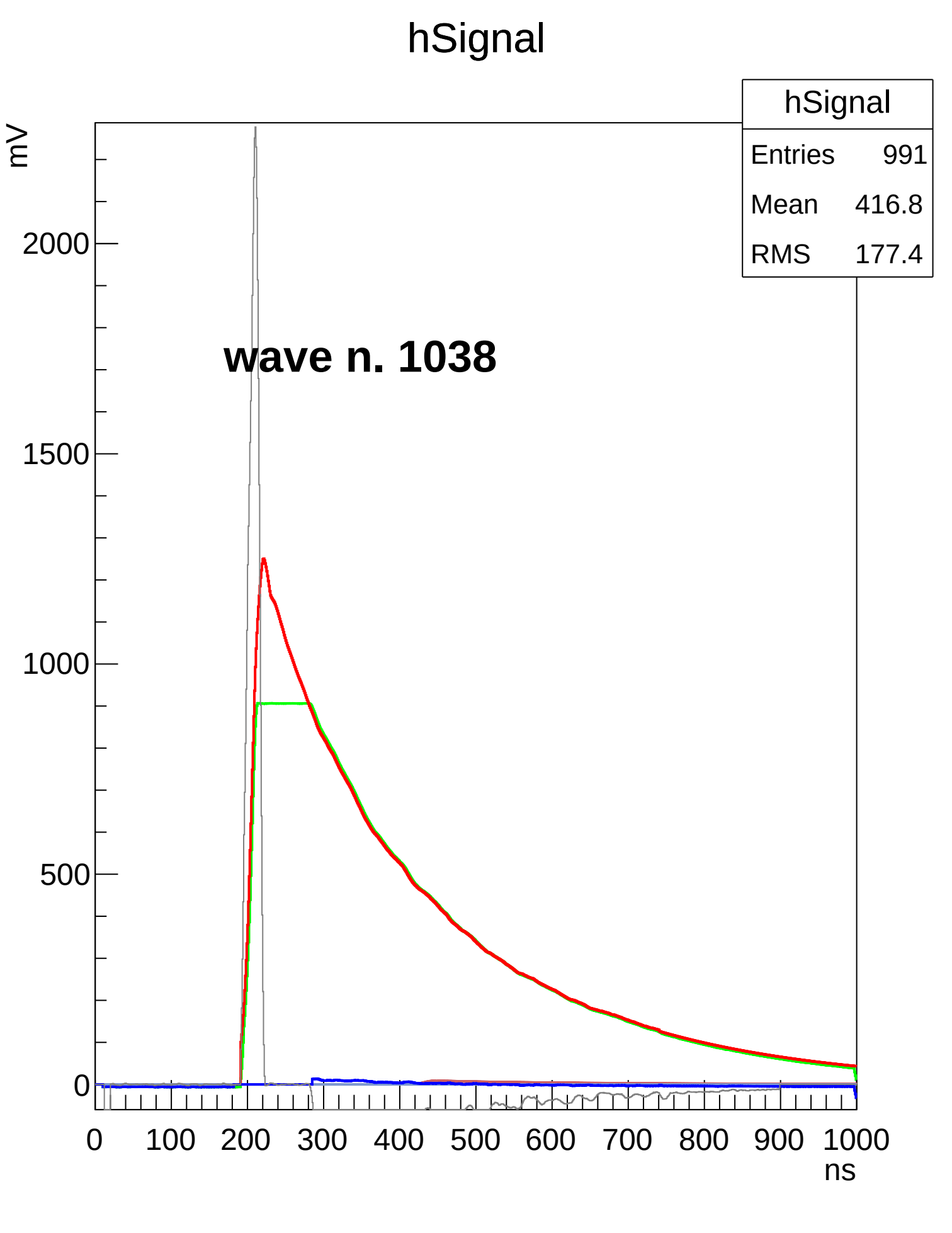
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 416.8
RMS 177.4
wave n. 1038
mV
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1500
1000
500
0
0
100
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400
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600
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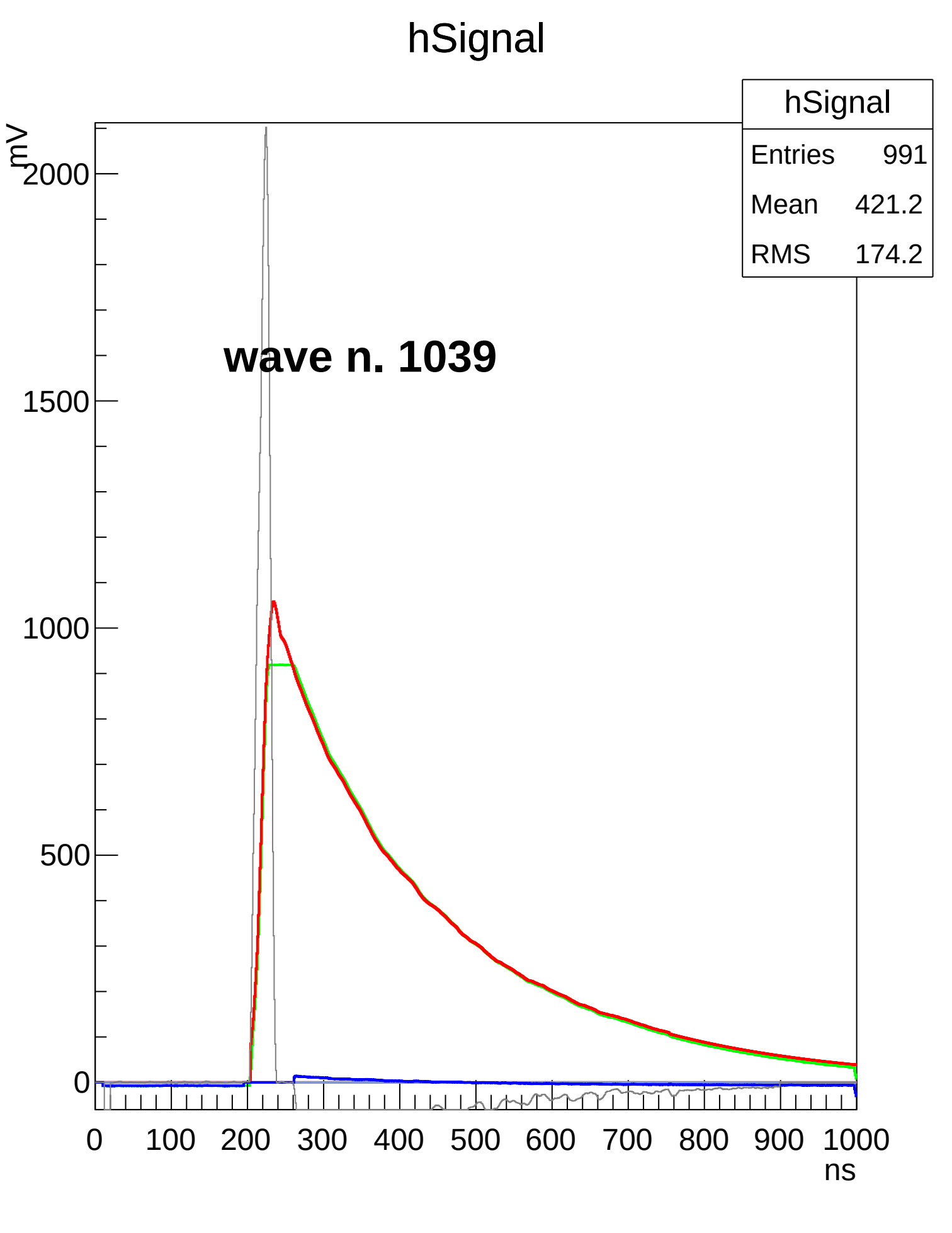
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 421.2
RMS 174.2
wave n. 1039
mV
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1500
1000
500
0
0
100
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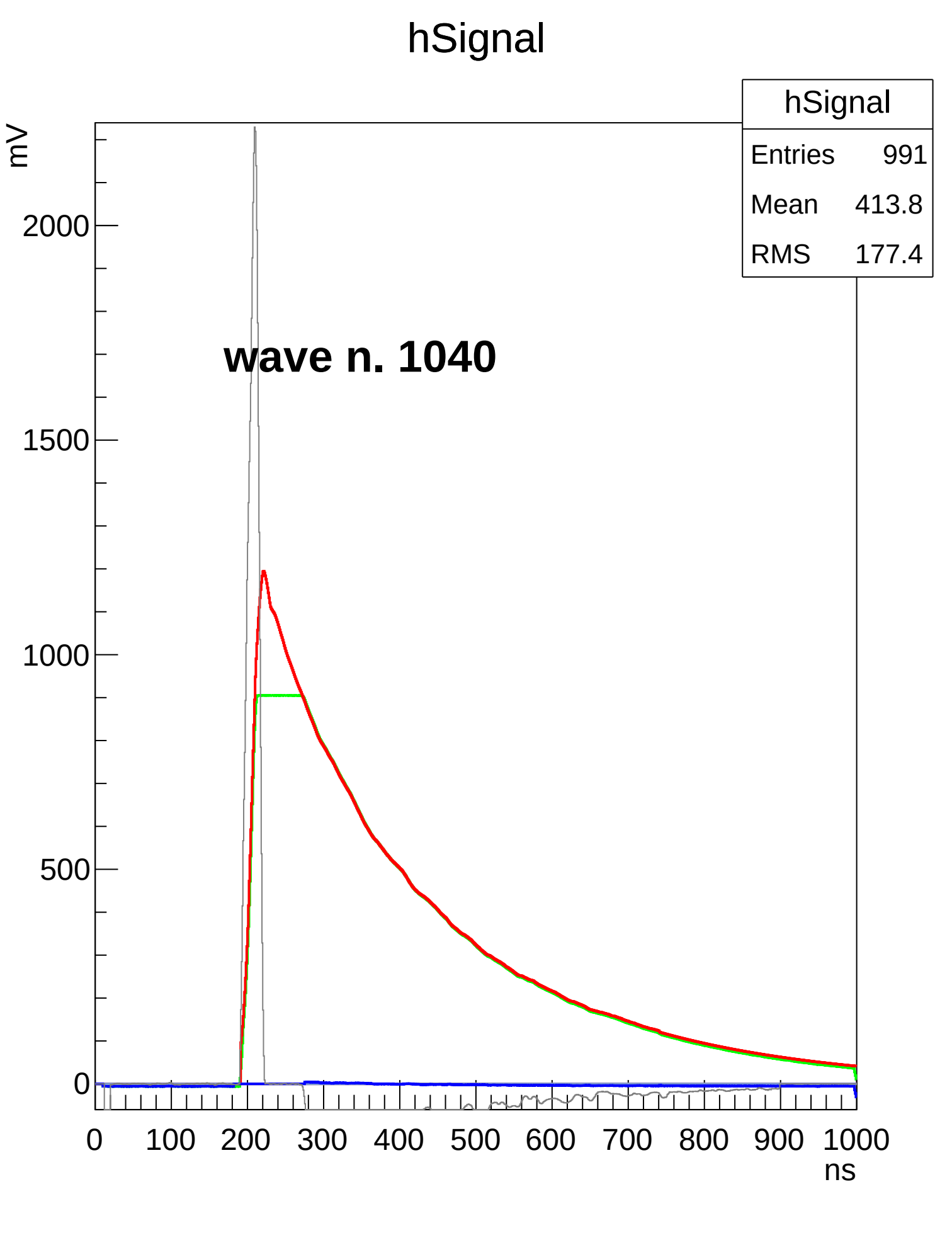
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 413.8
RMS 177.4
wave n. 1040
mV
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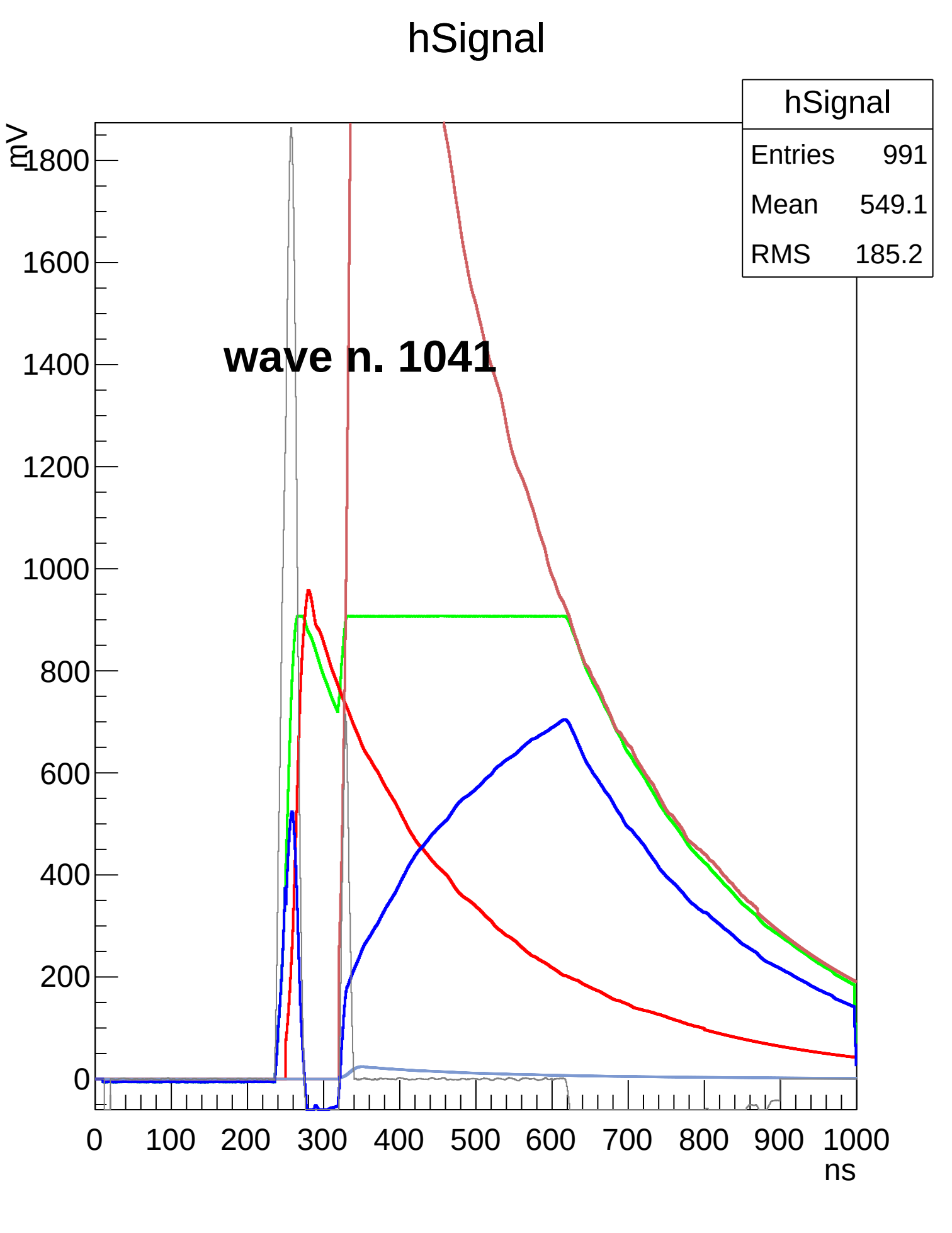
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.1
RMS 185.2
wave n. 1041
mV
1800
1600
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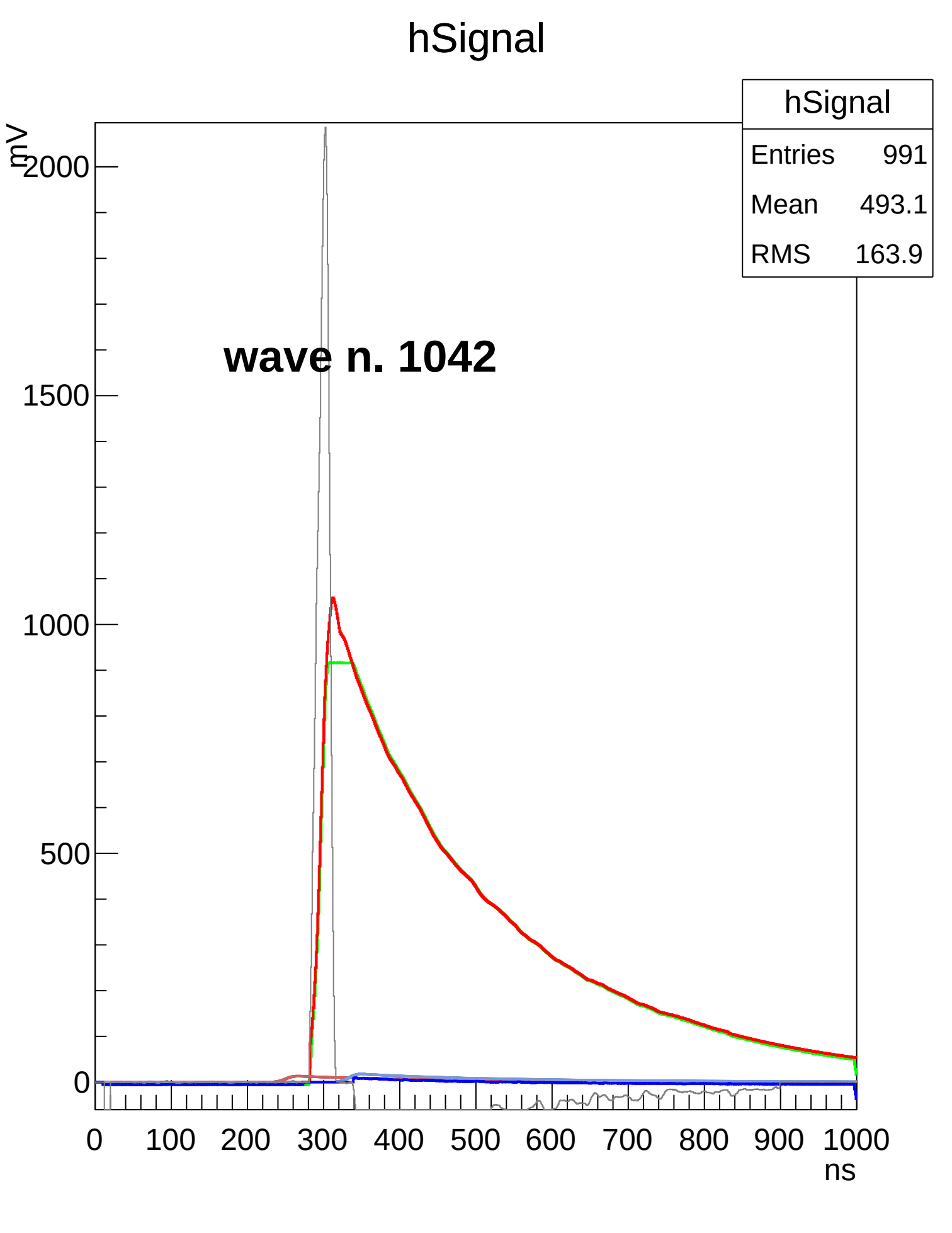
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 493.1
RMS 163.9
wave n. 1042
mV
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100
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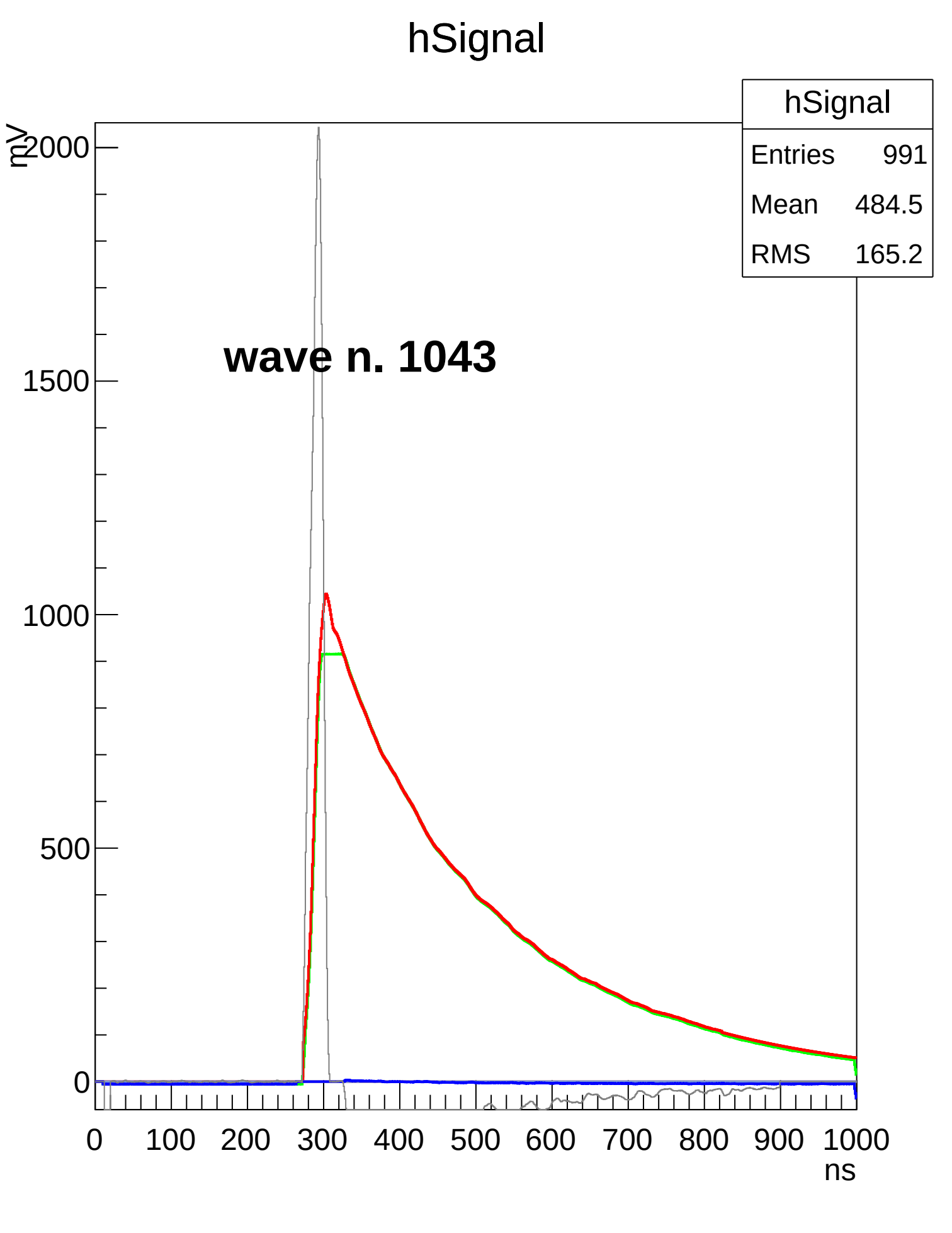
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 484.5
RMS 165.2
wave n. 1043
mV
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0
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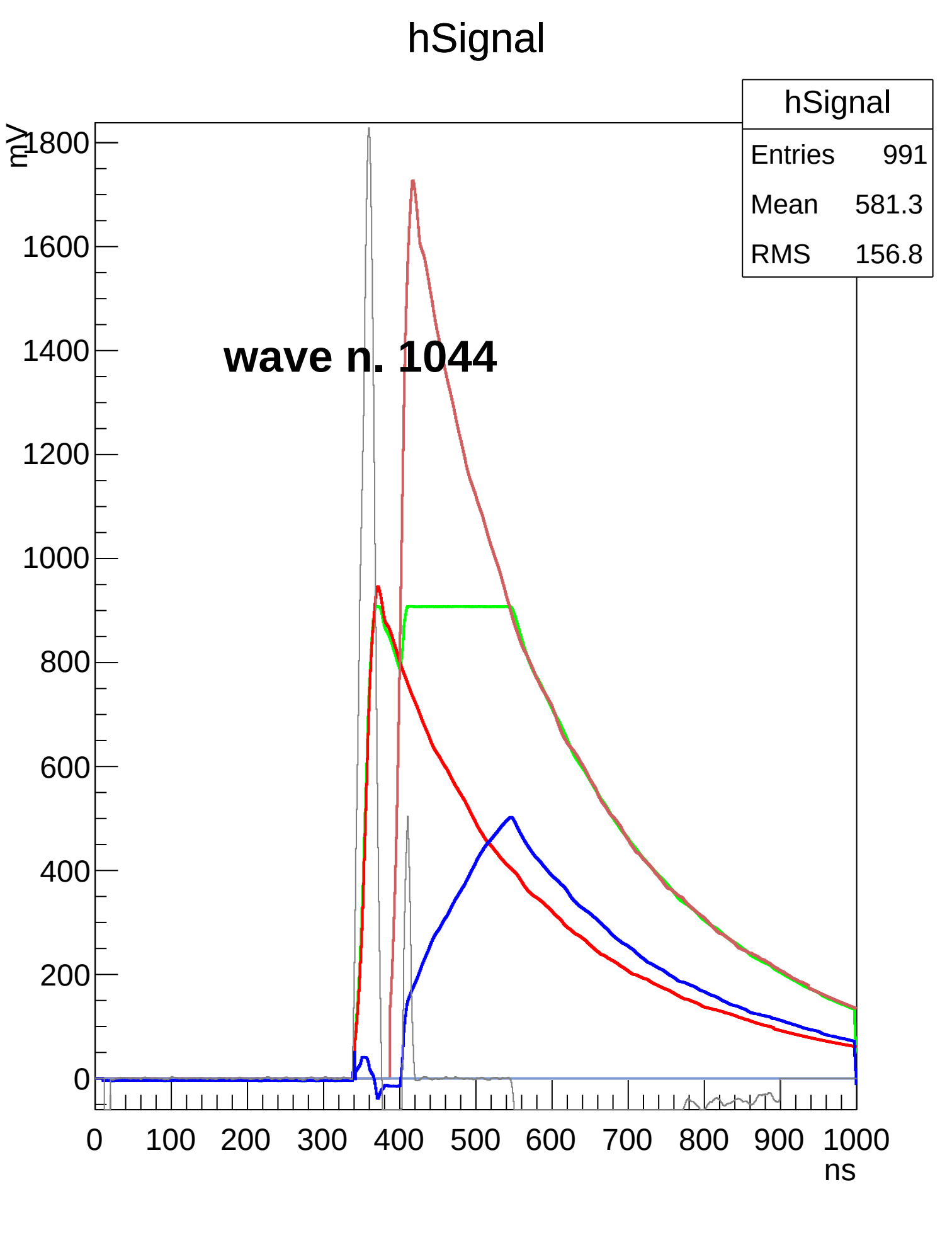
800
900
1000
ns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hSignal
Entries 991
Mean 581.3
RMS 156.8
wave n. 1044
mV
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800
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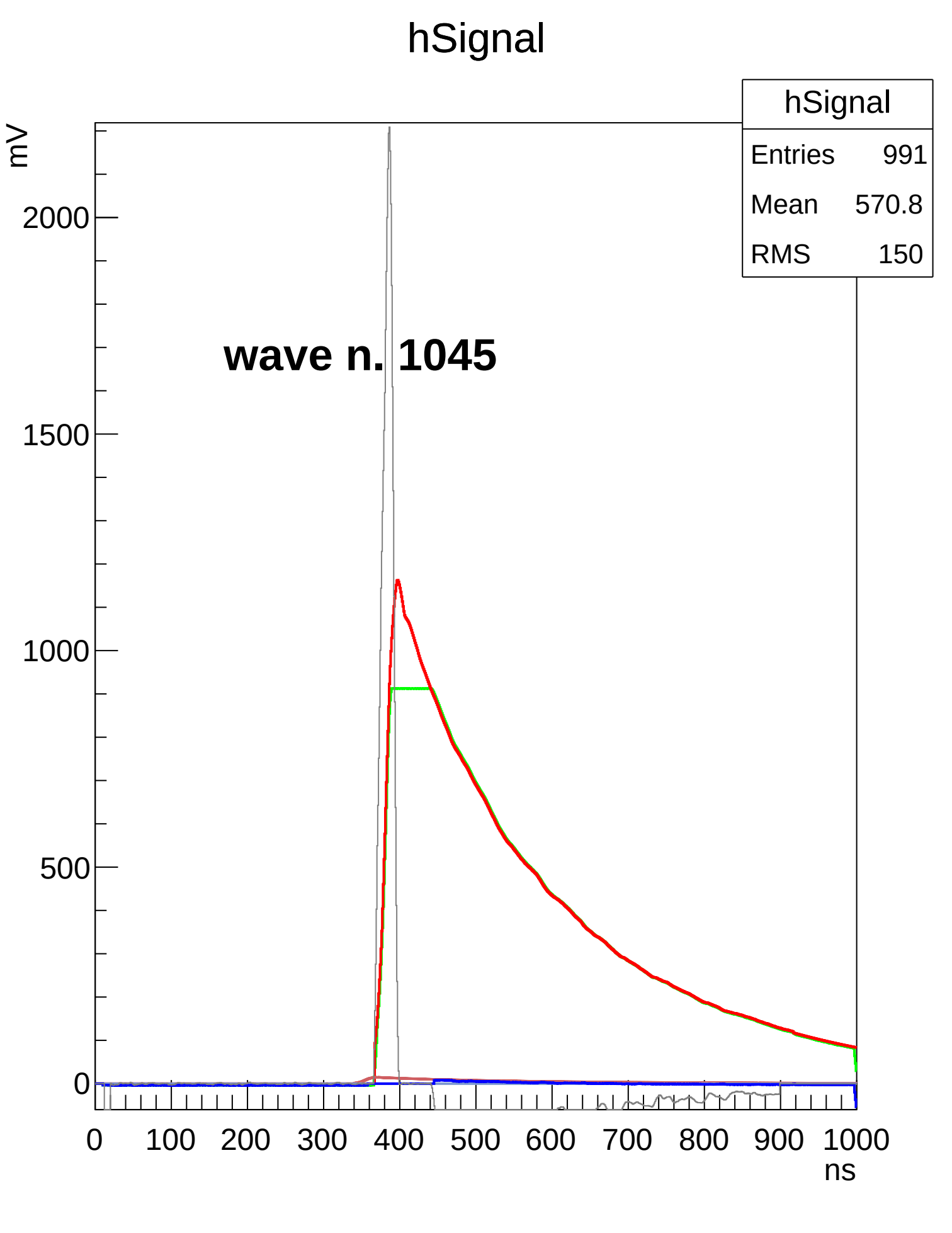
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 570.8
RMS 150
wave n. 1045
mV
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1500
1000
500
0
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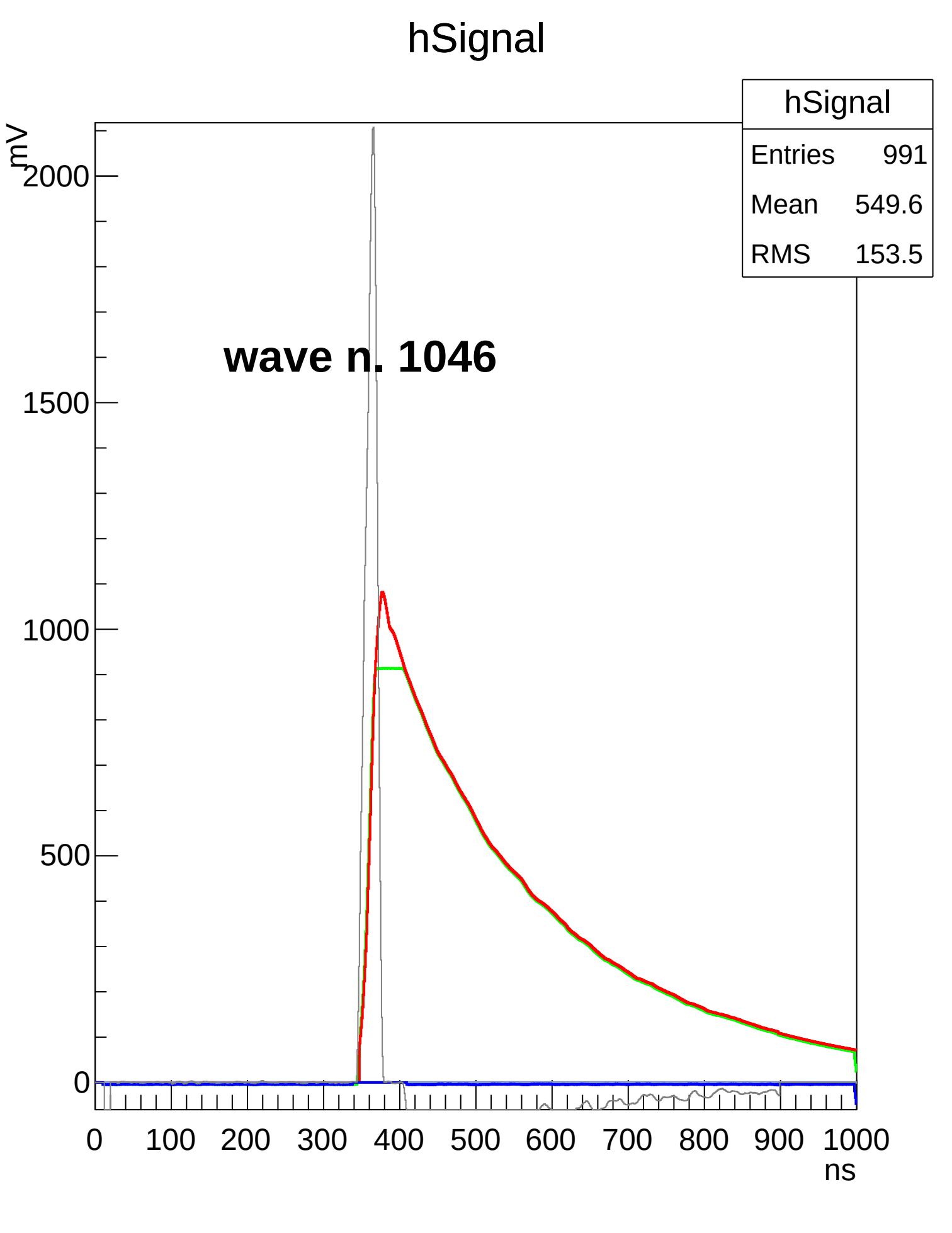
ns


hSignal
hSignal
Entries 991
Mean 549.6
RMS 153.5
wave n. 1046
mV
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1000
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0
100
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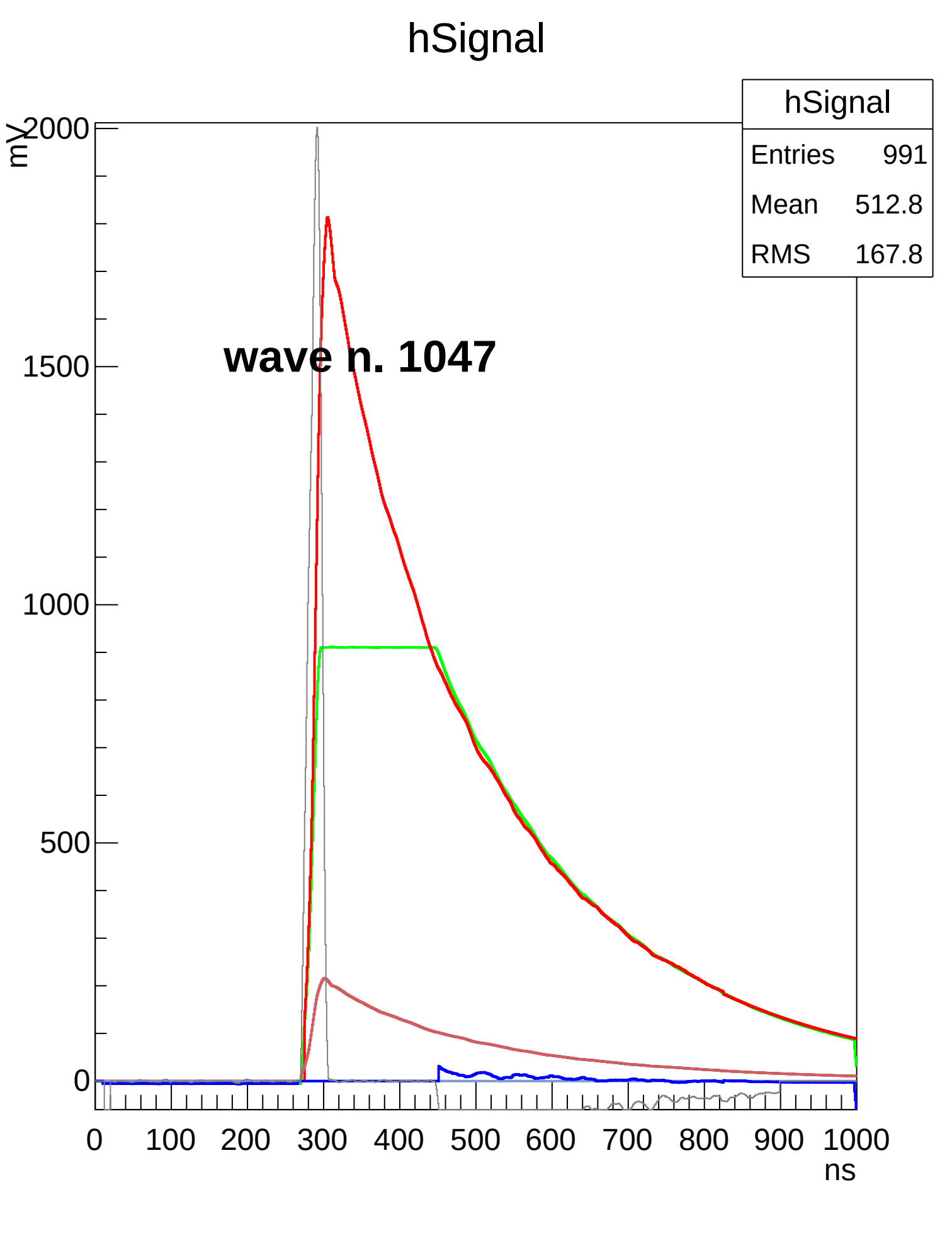
800
900
1000
ns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Entries 991
Mean 512.8
RMS 167.8
wave n. 1047
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0
100
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800
900
1000
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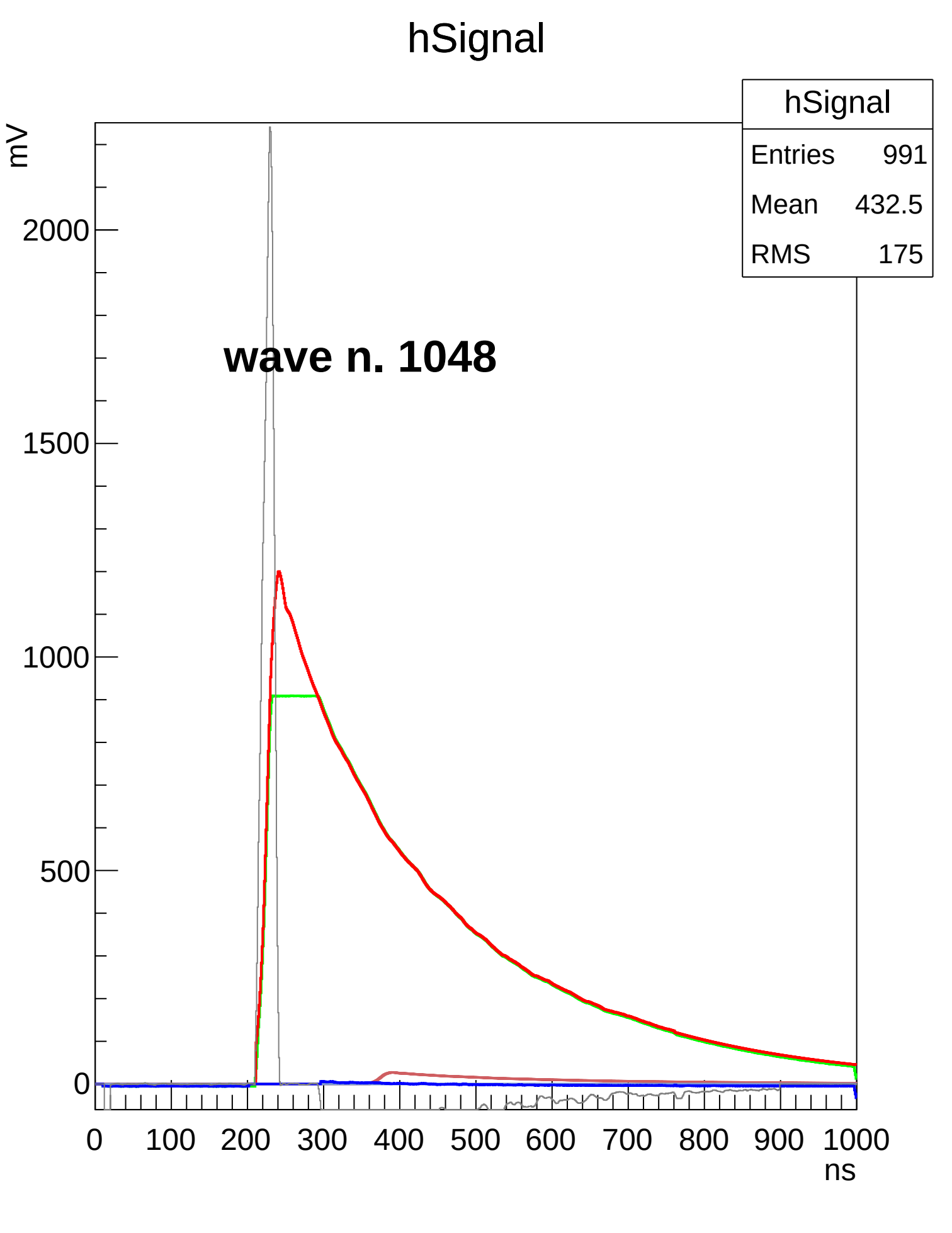
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hSignal
Entries 991
Mean 432.5
RMS 175
wave n. 1048
mV
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1500
1000
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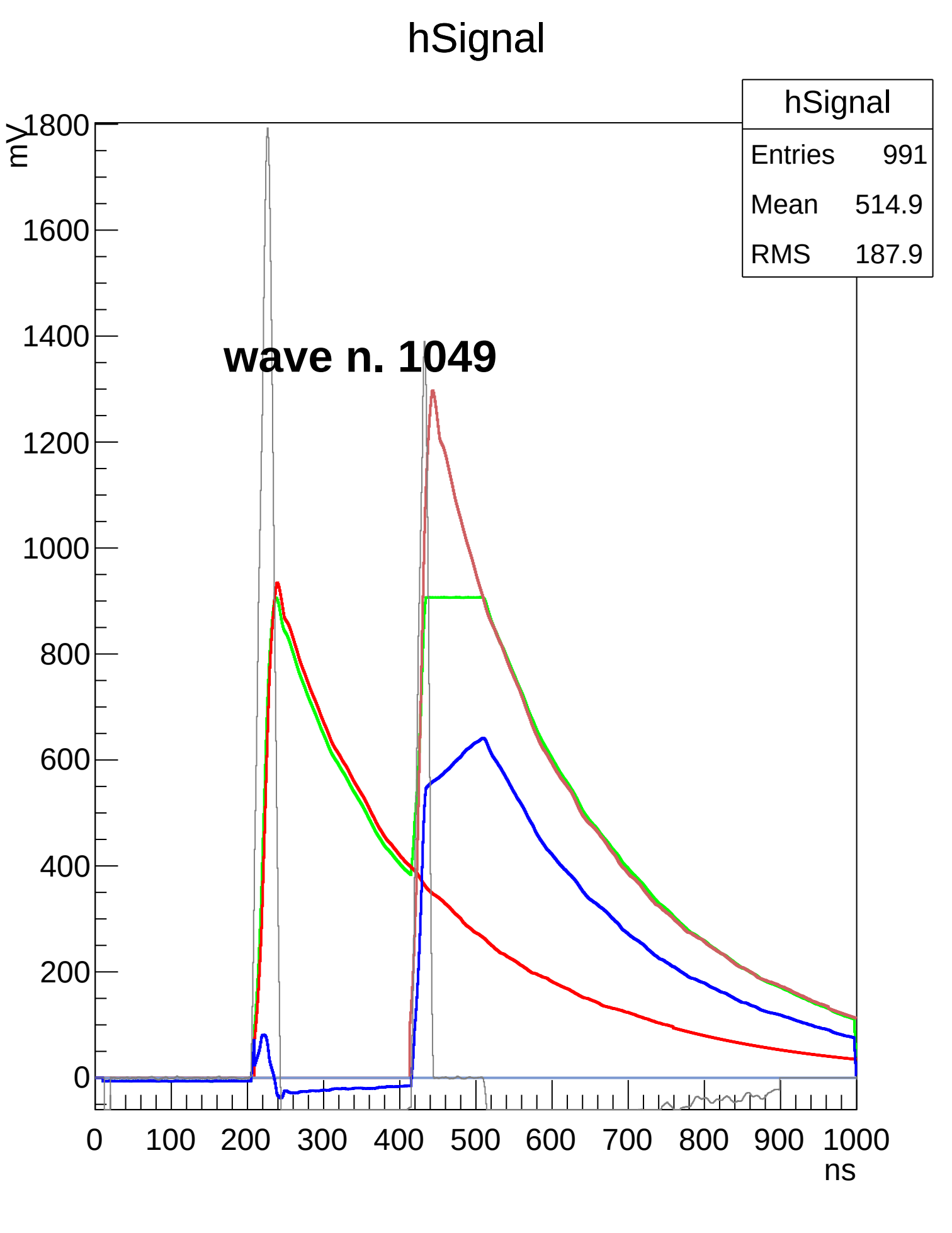
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 514.9
RMS 187.9
wave n. 1049
mV
1800
1600
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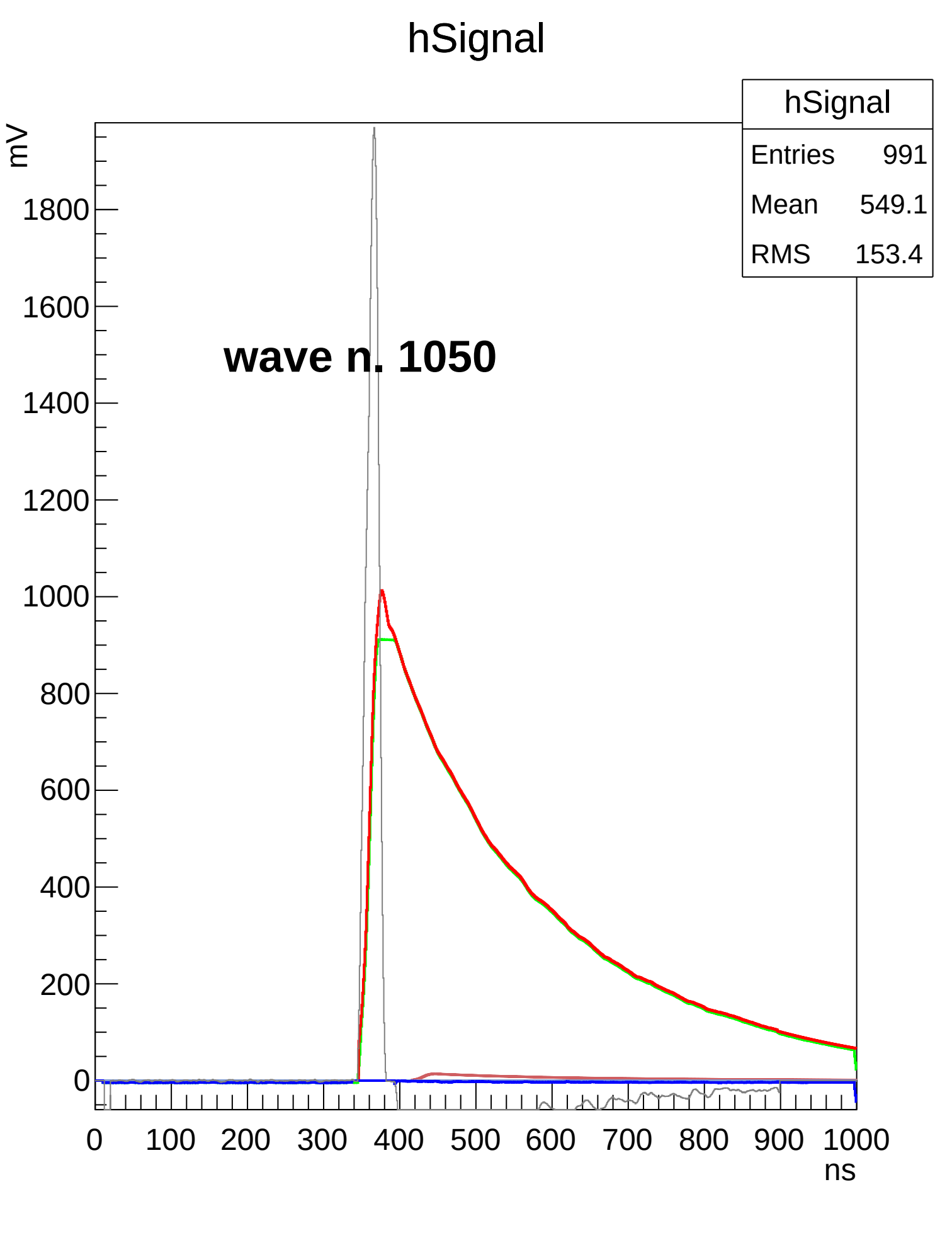
1000
ns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hSignal
Entries 991
Mean 549.1
RMS 153.4
wave n. 1050
mV
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1600
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1000
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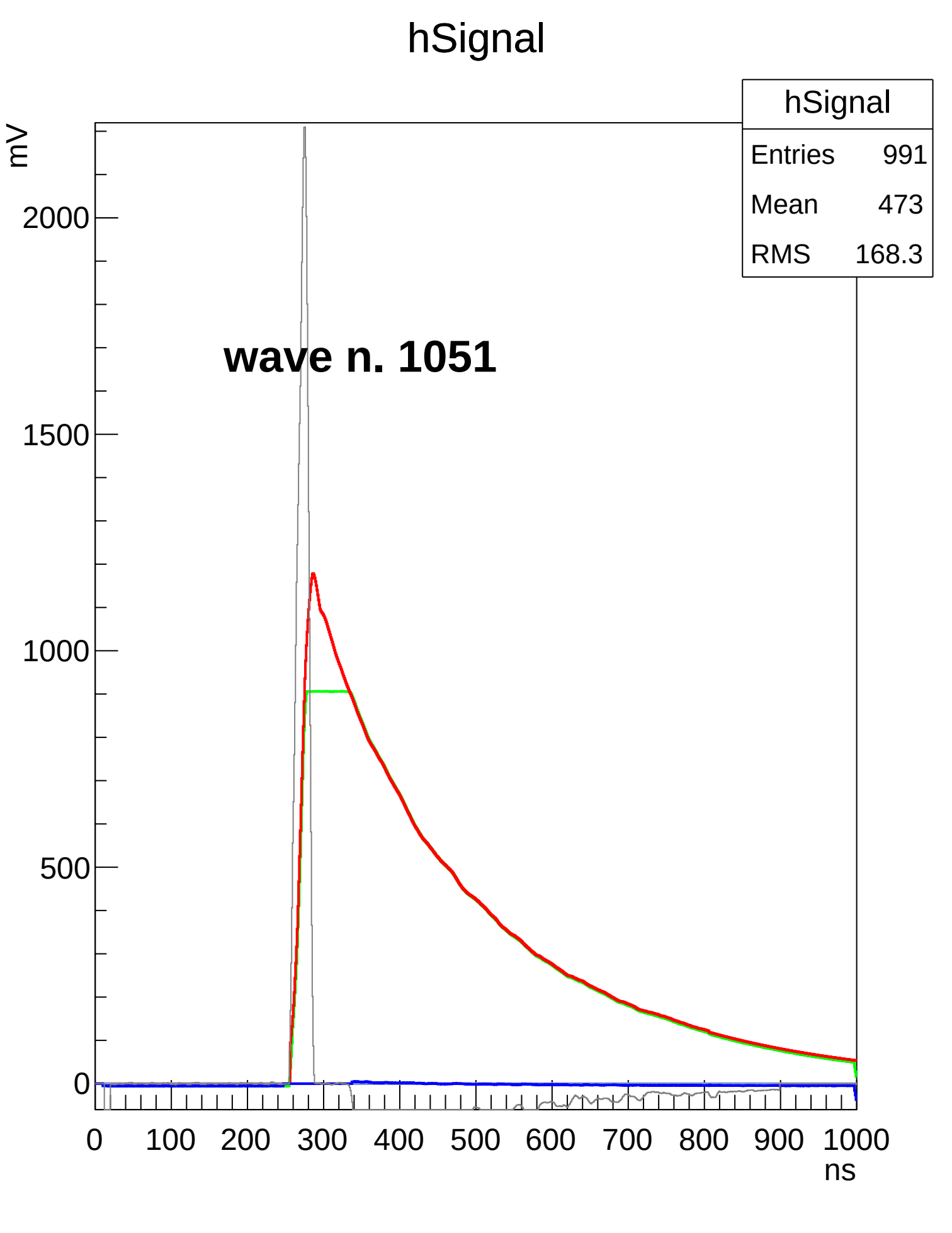
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hSignal
Entries 991
Mean 473
RMS 168.3
wave n. 1051
mV
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500
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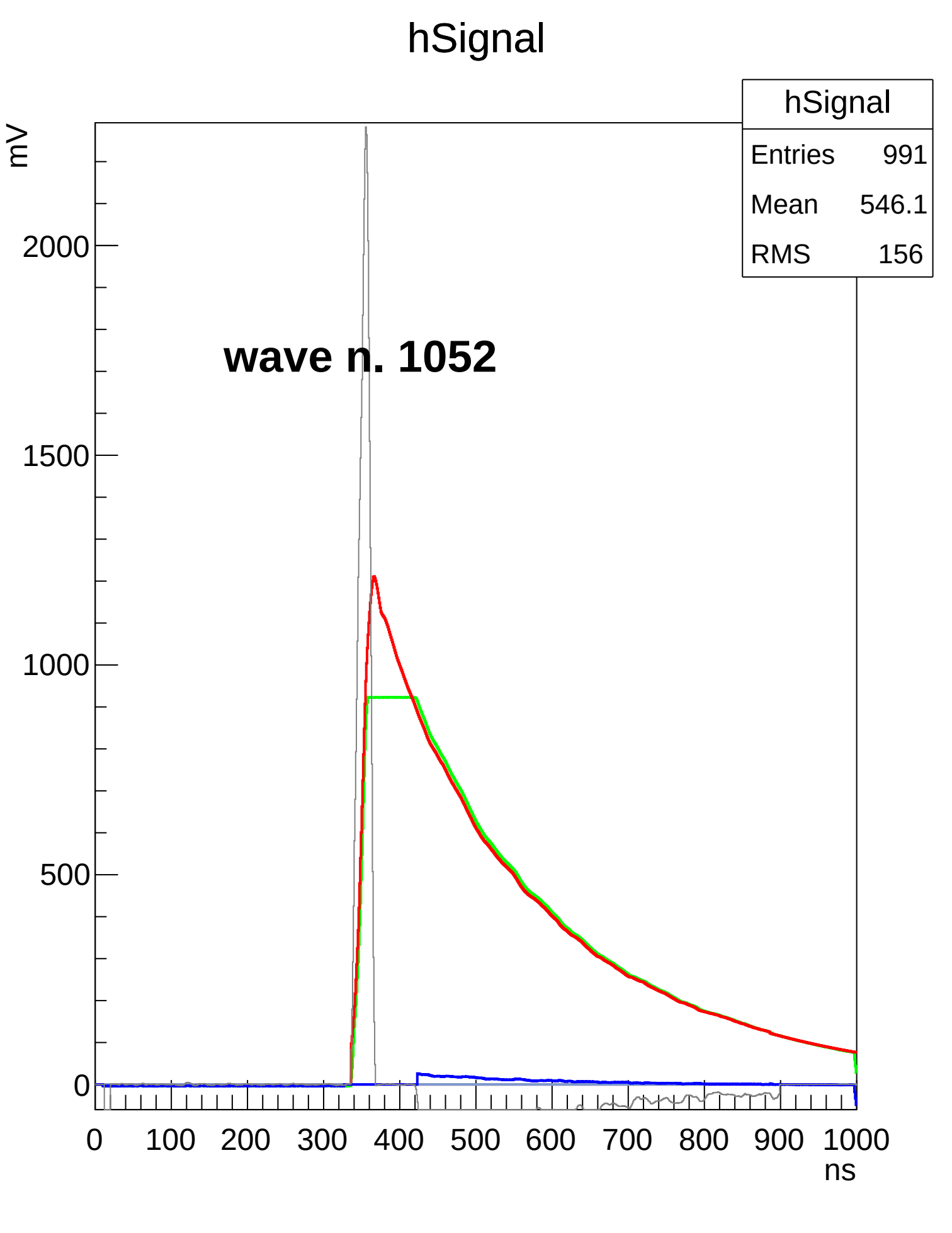
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Entries 991
Mean 546.1
RMS 156
wave n. 1052
mV
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500
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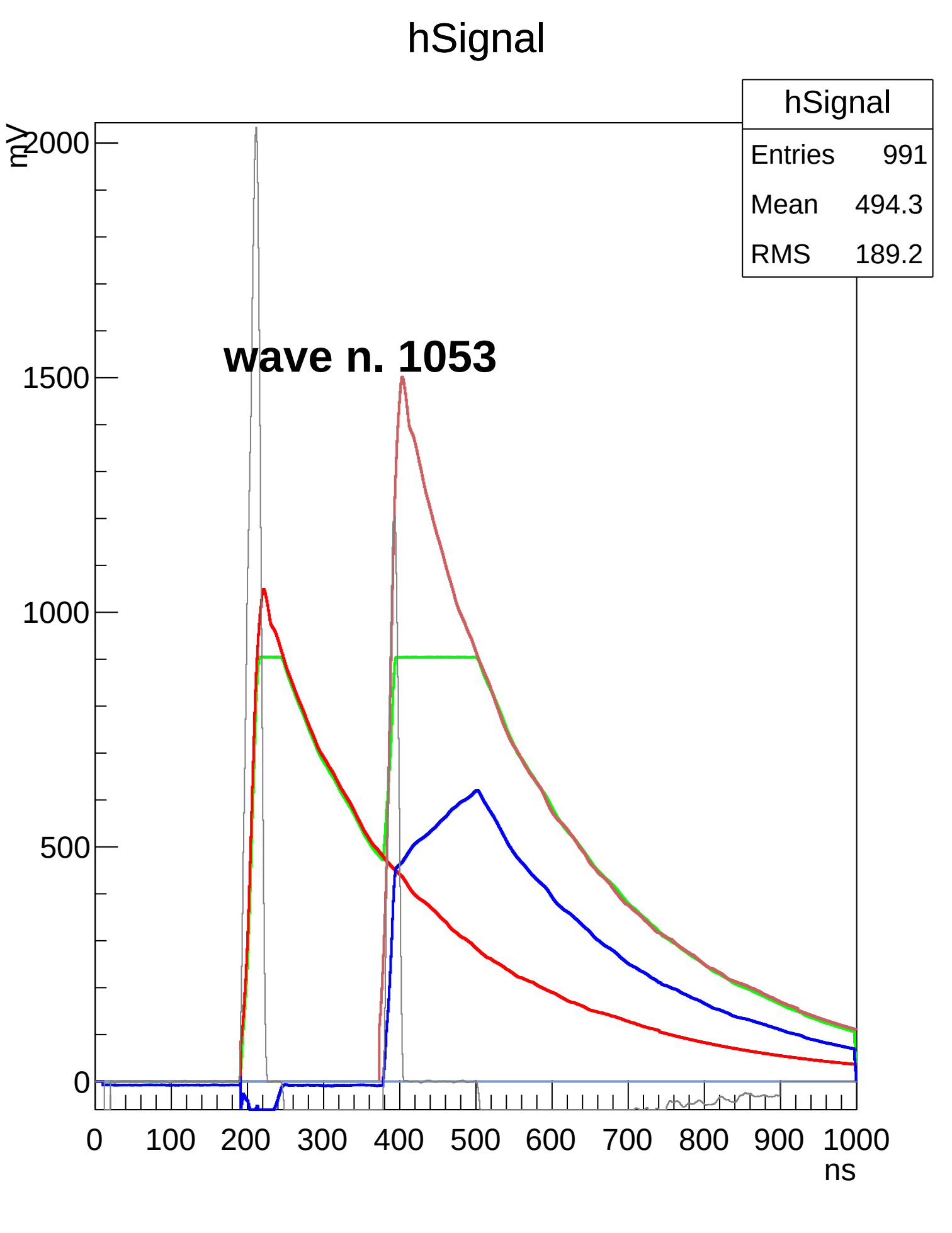
ns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hSignal
Entries 991
Mean 494.3
RMS 189.2
wave n. 1053
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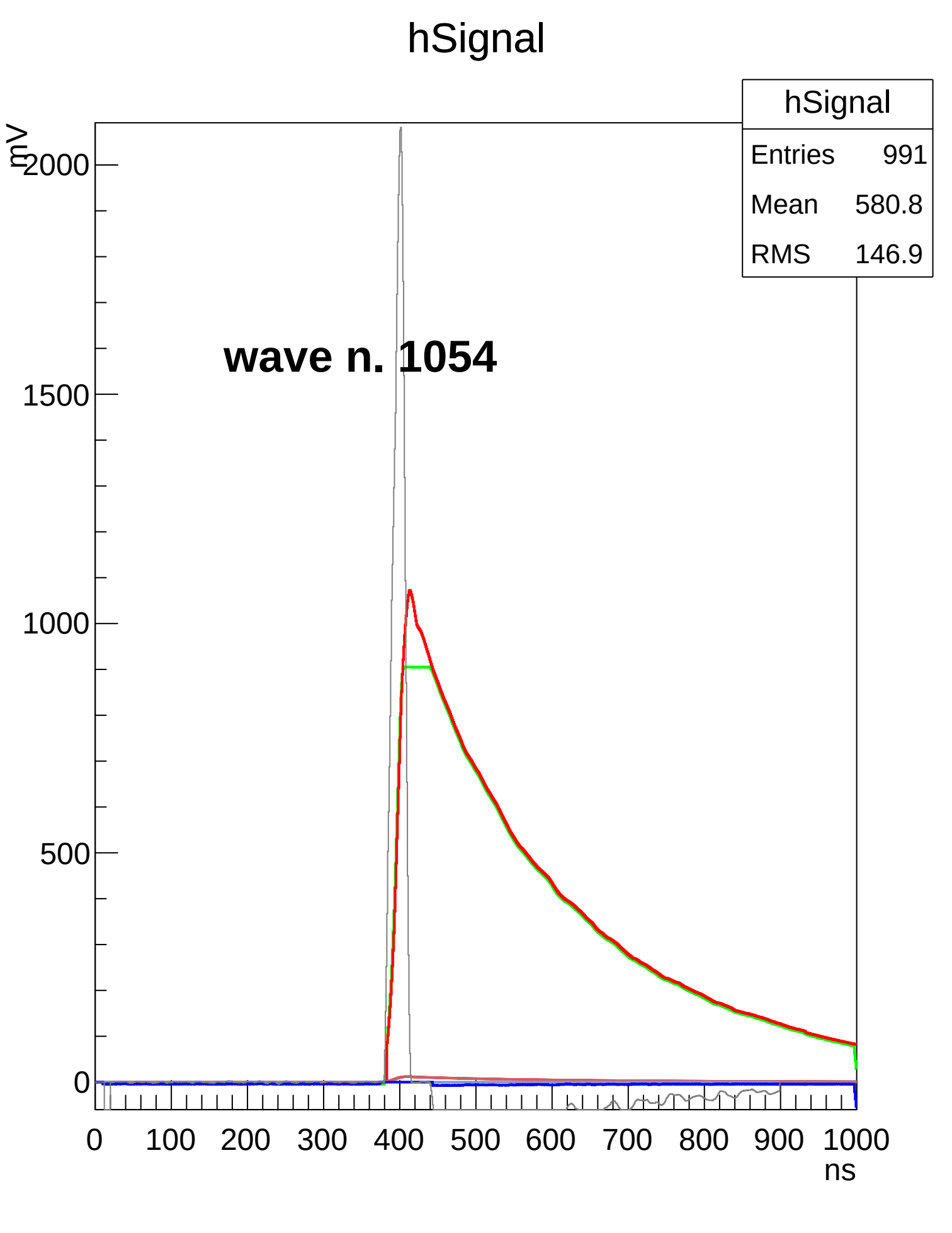
900
1000
ns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hSignal
Entries 991
Mean 580.8
RMS 146.9
wave n. 1054
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1000
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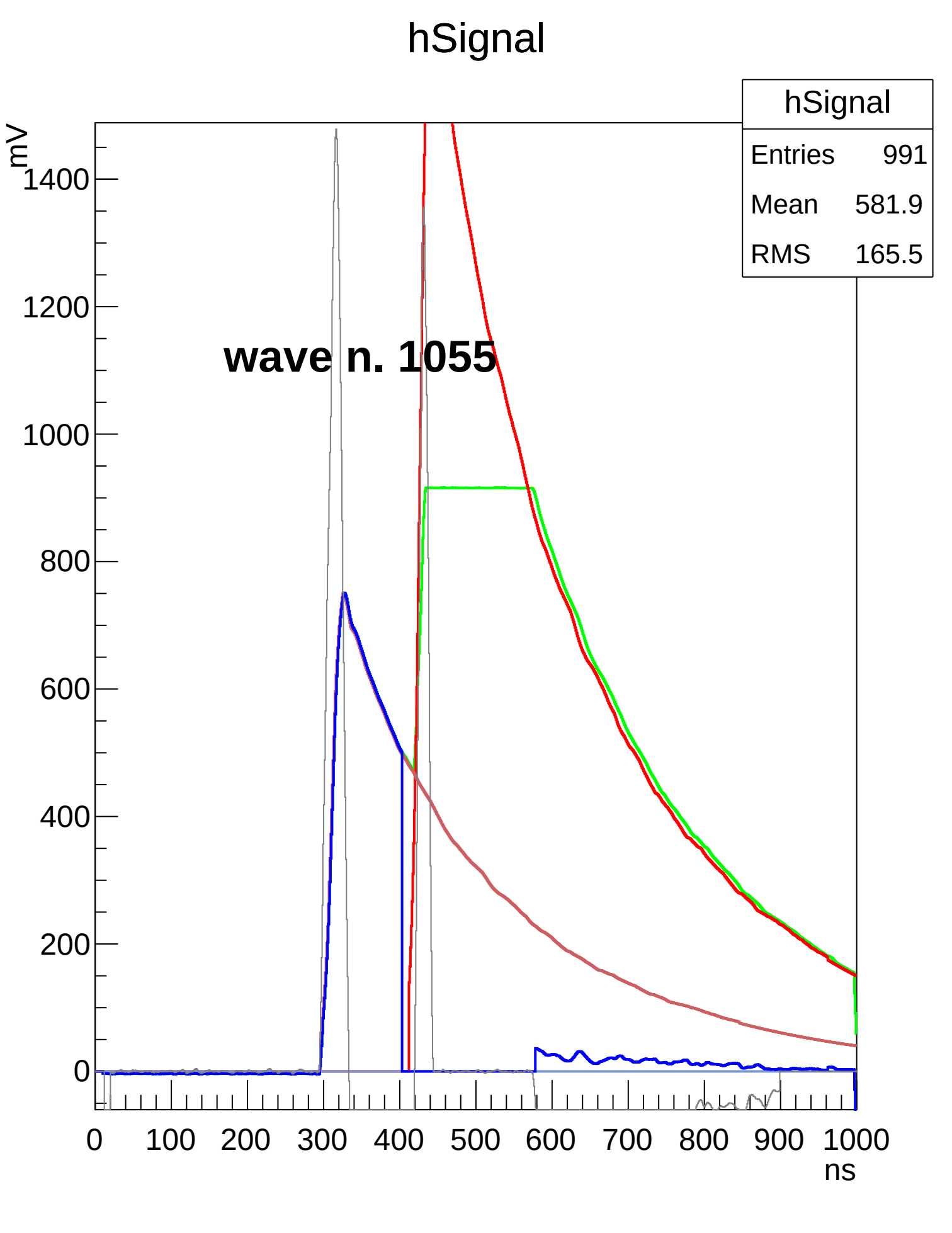
hSignal
hSignal
Entries 991
Mean 581.9
RMS 165.5
wave n. 1055
mV
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1200
1000
800
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400
200
0
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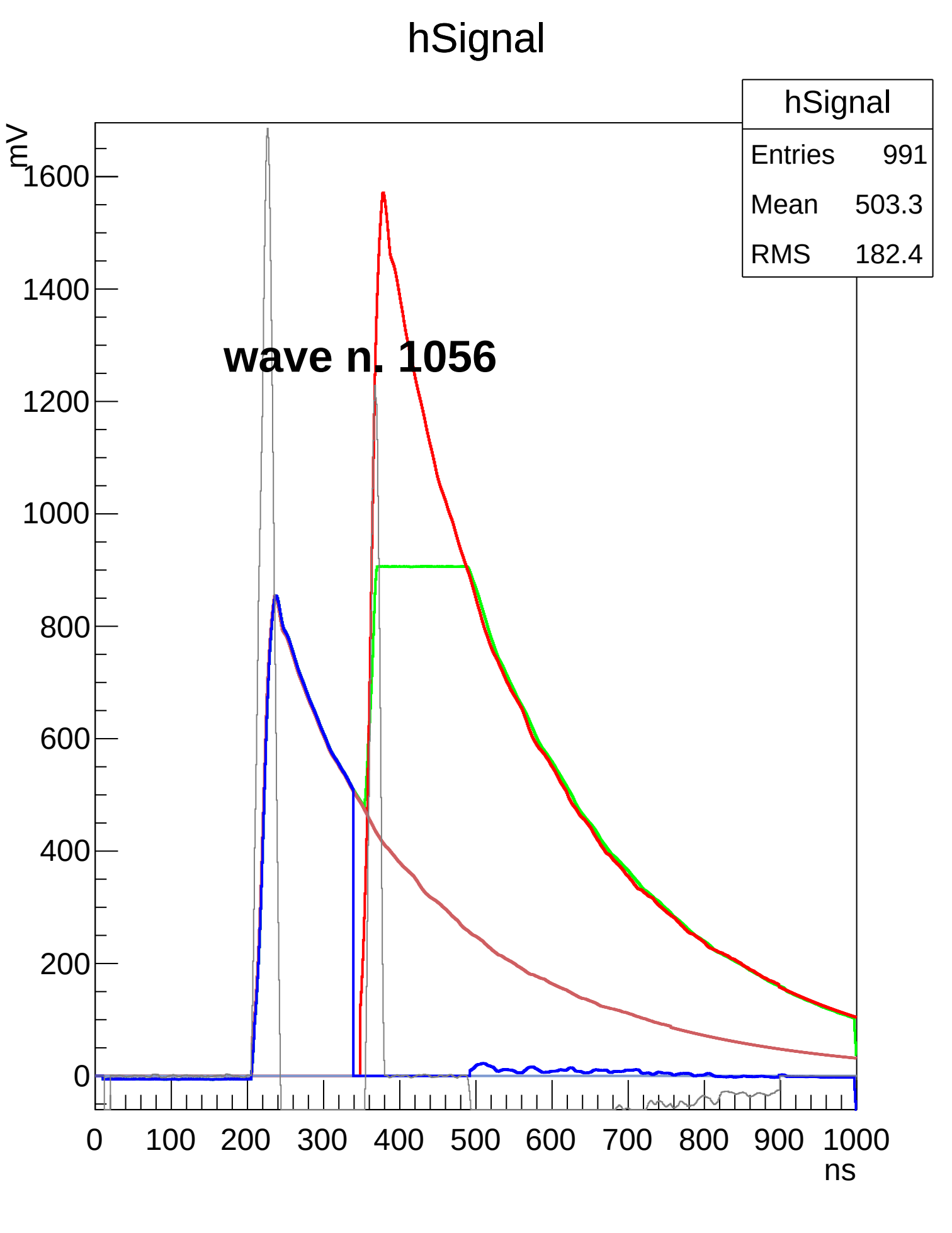
ns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hSignal
Entries 991
Mean 503.3
RMS 182.4
wave n. 1056
mV
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1000
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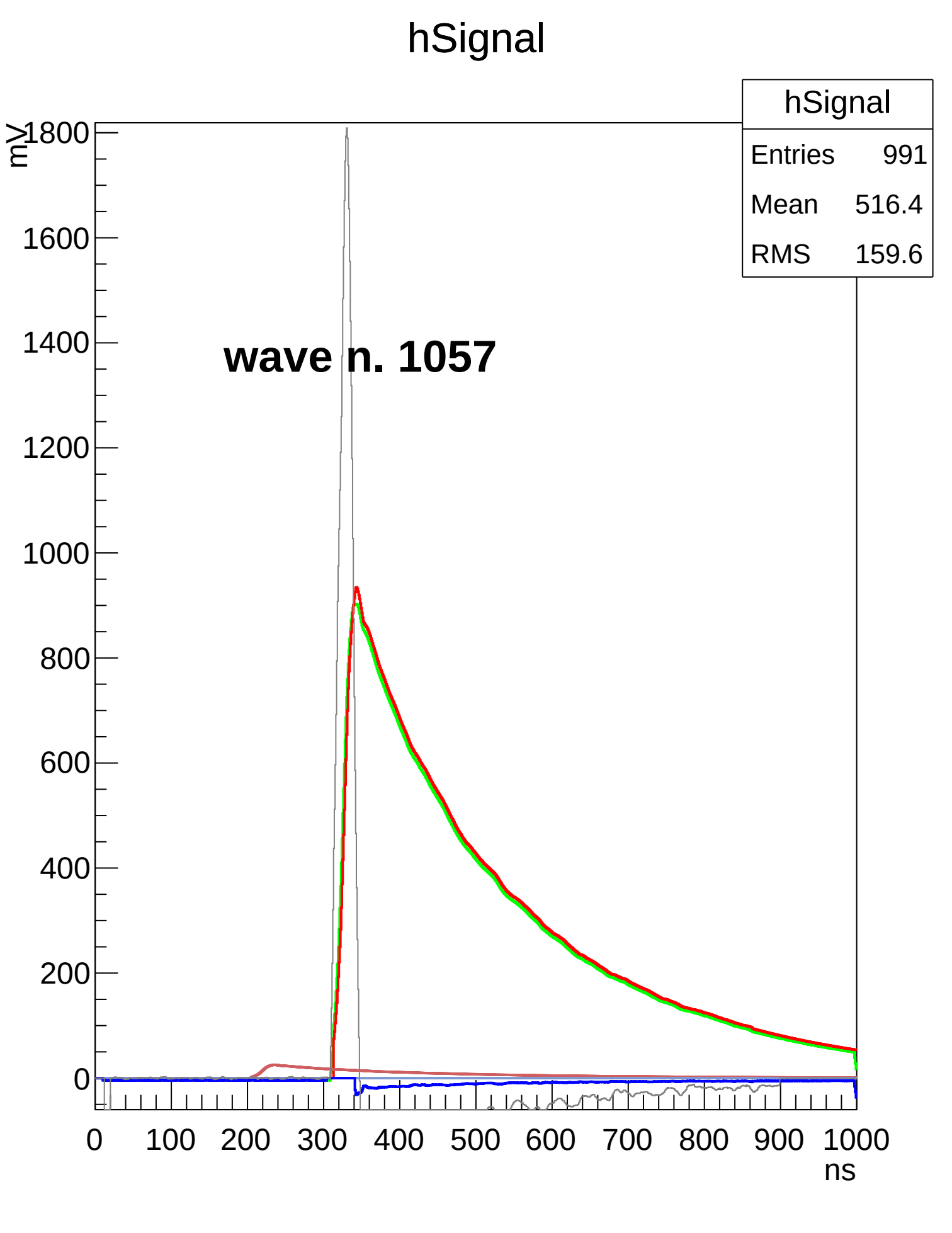
hSignal
hSignal
Entries 991
Mean 516.4
RMS 159.6
wave n. 1057
mV
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400
200
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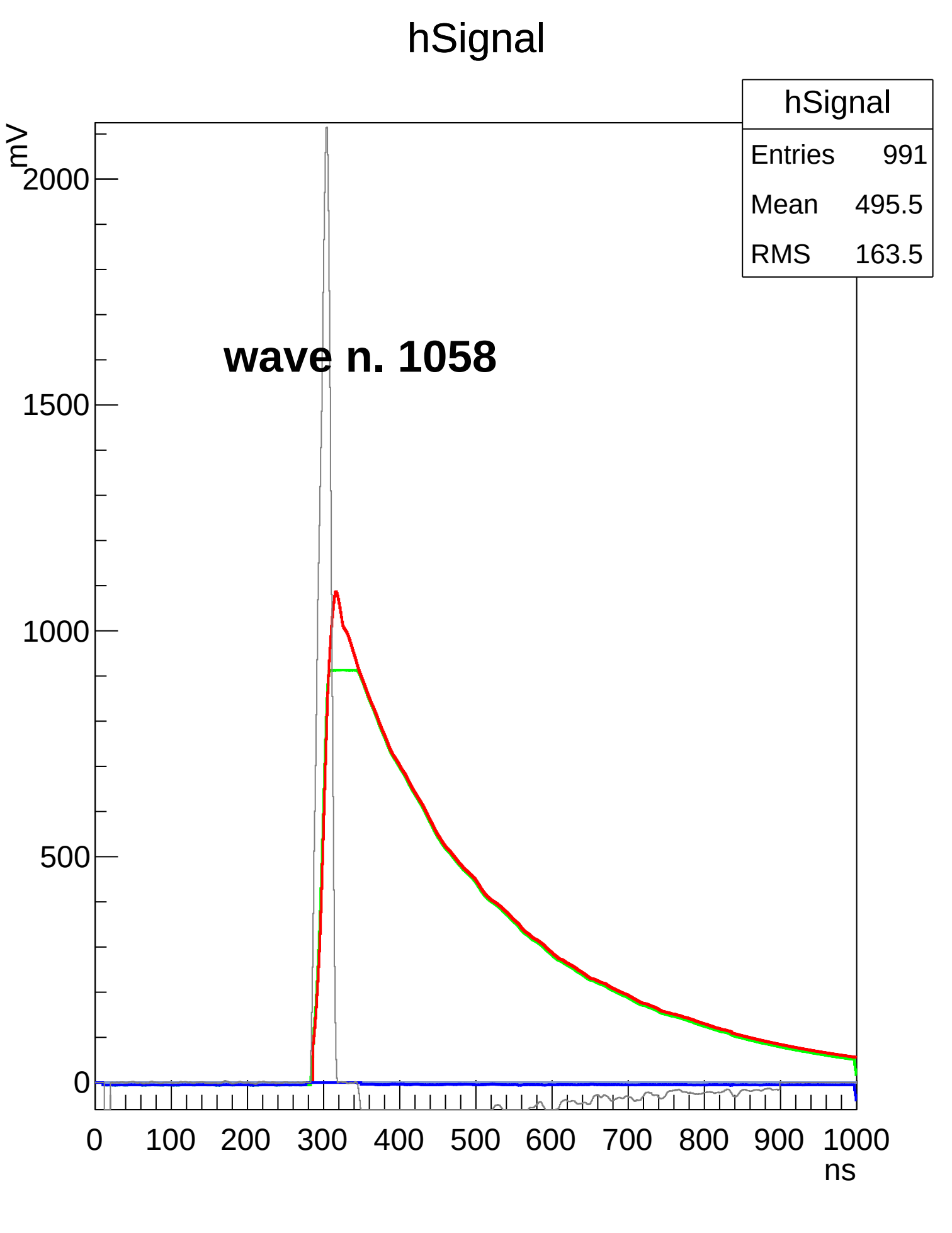
ns


hSignal
hSignal
Entries 991
Mean 495.5
RMS 163.5
wave n. 1058
mV
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0
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100
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1000
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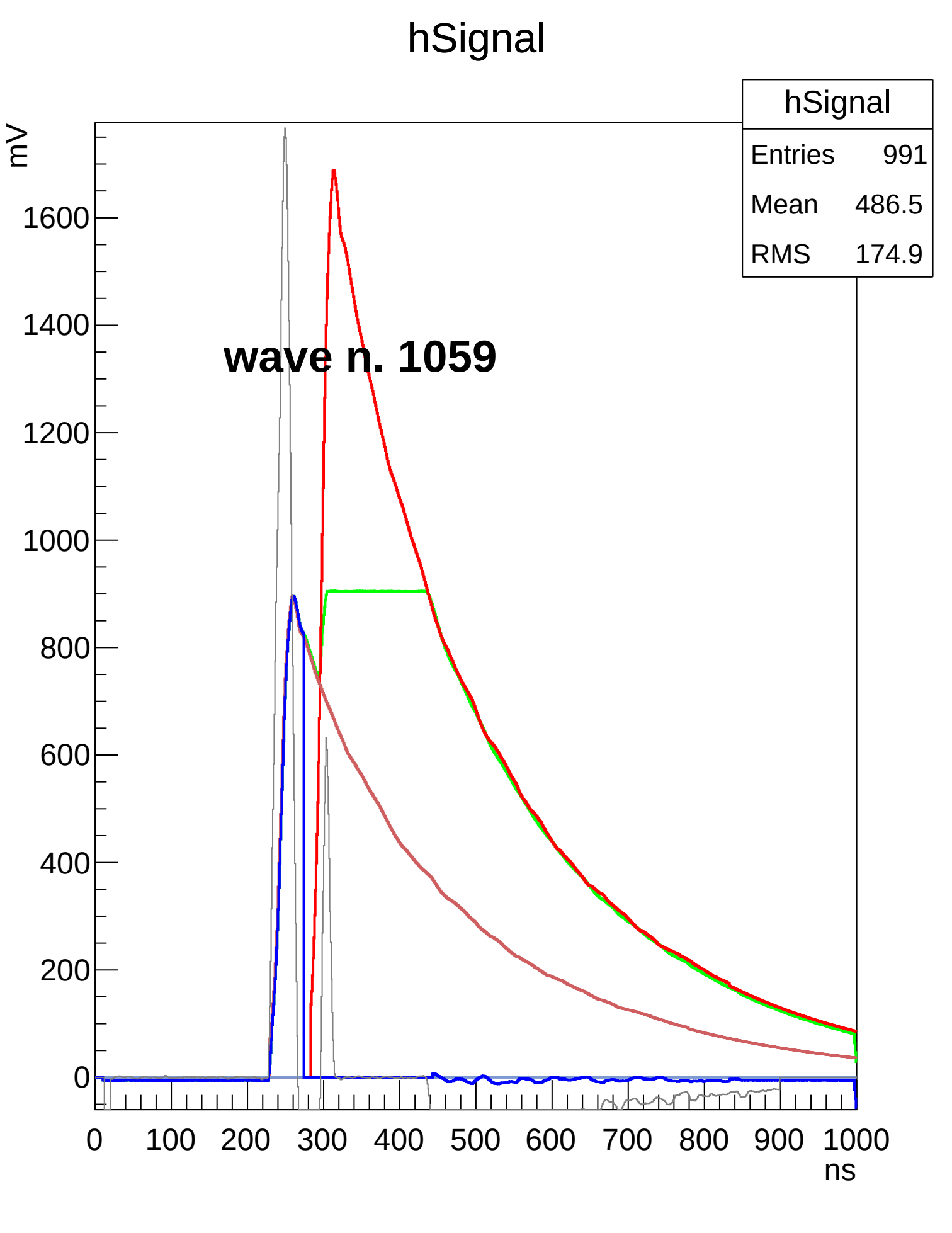
hSignal
hSignal
Entries 991
Mean 486.5
RMS 174.9
wave n. 1059
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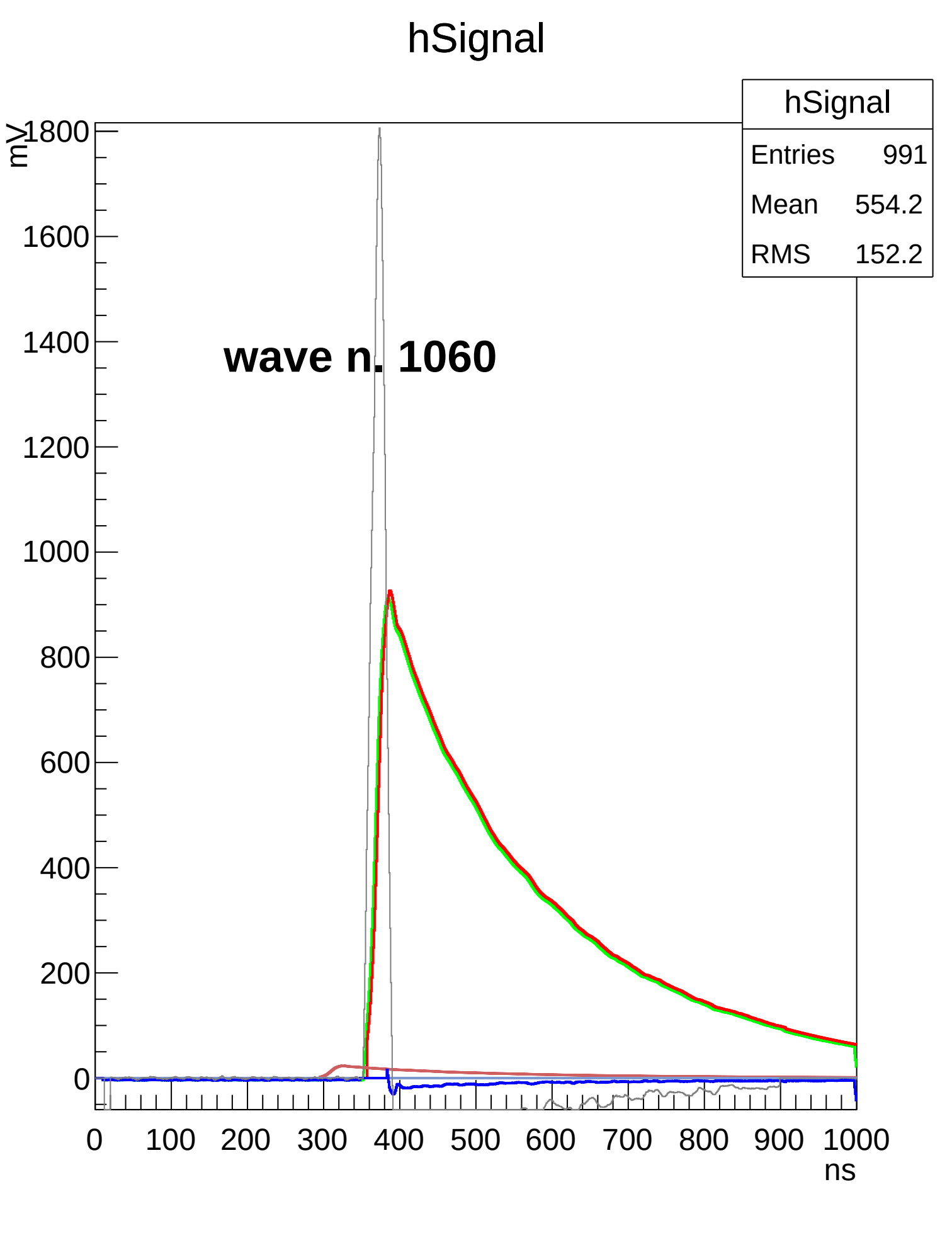
hSignal
hSignal
Entries 991
Mean 554.2
RMS 152.2
wave n. 1060
mV
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1000
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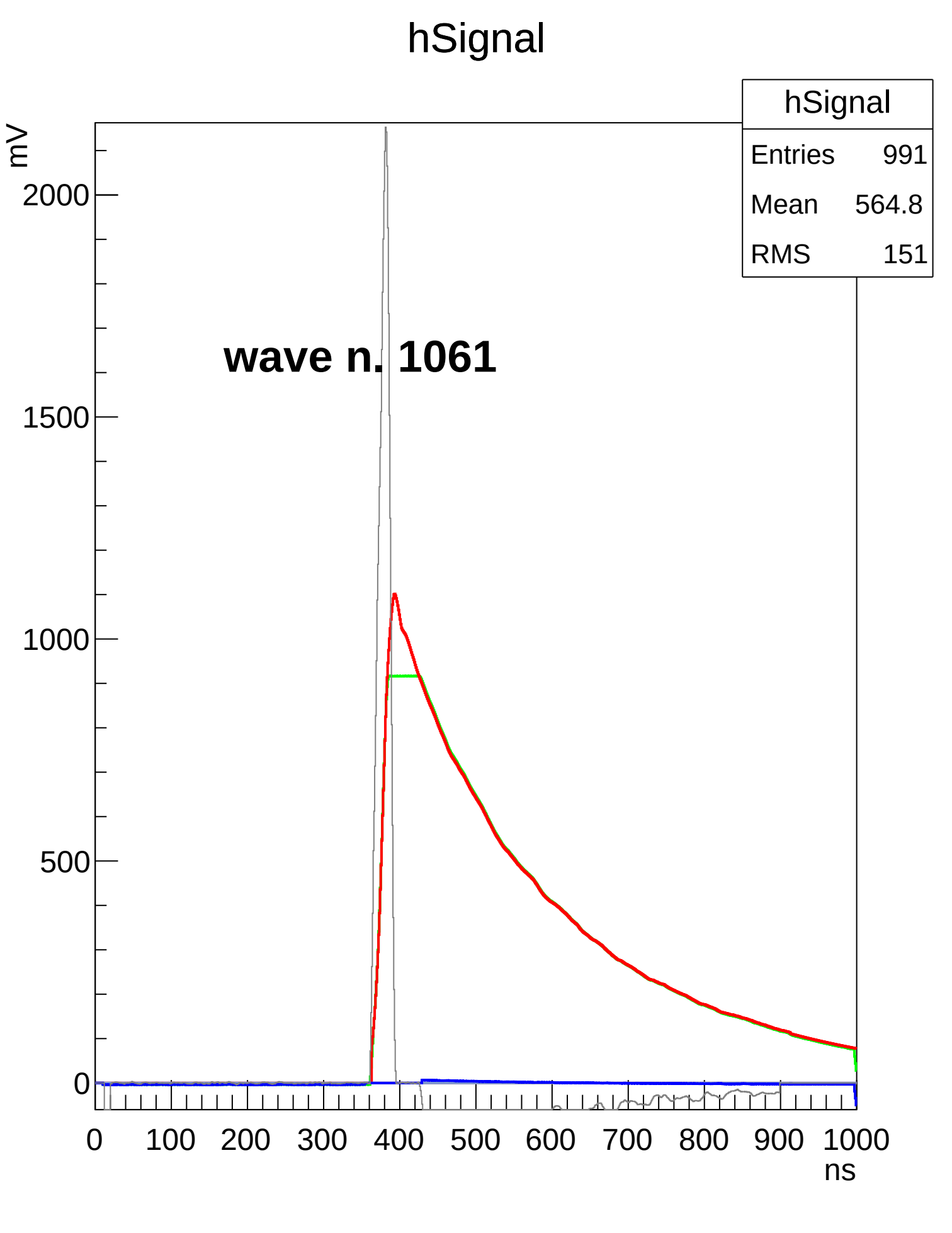
hSignal
hSignal
Entries 991
Mean 564.8
RMS 151
wave n. 1061
mV
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1500
1000
500
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0
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200
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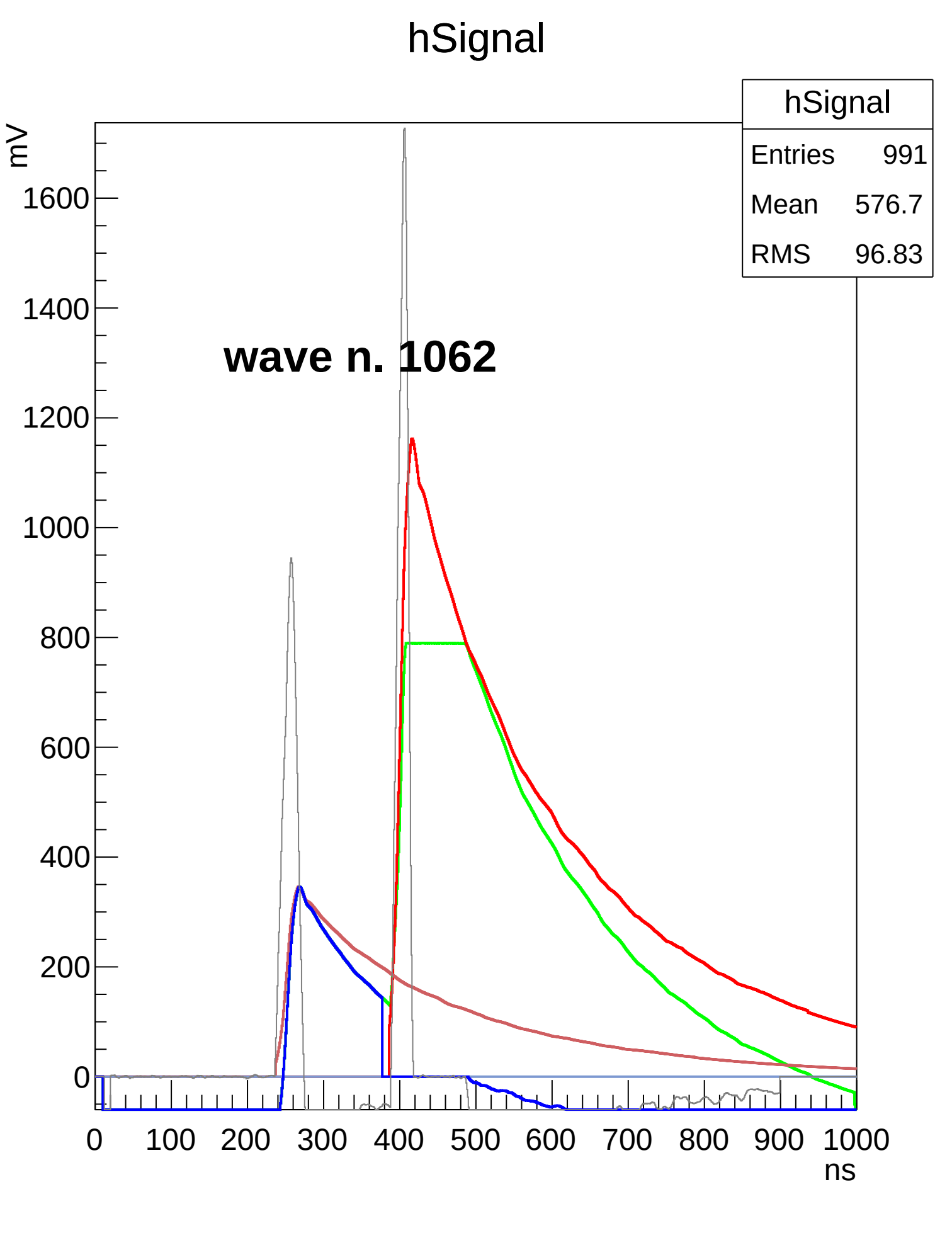
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576.7
RMS 96.83
wave n. 1062
mV
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1400
1200
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400
200
0
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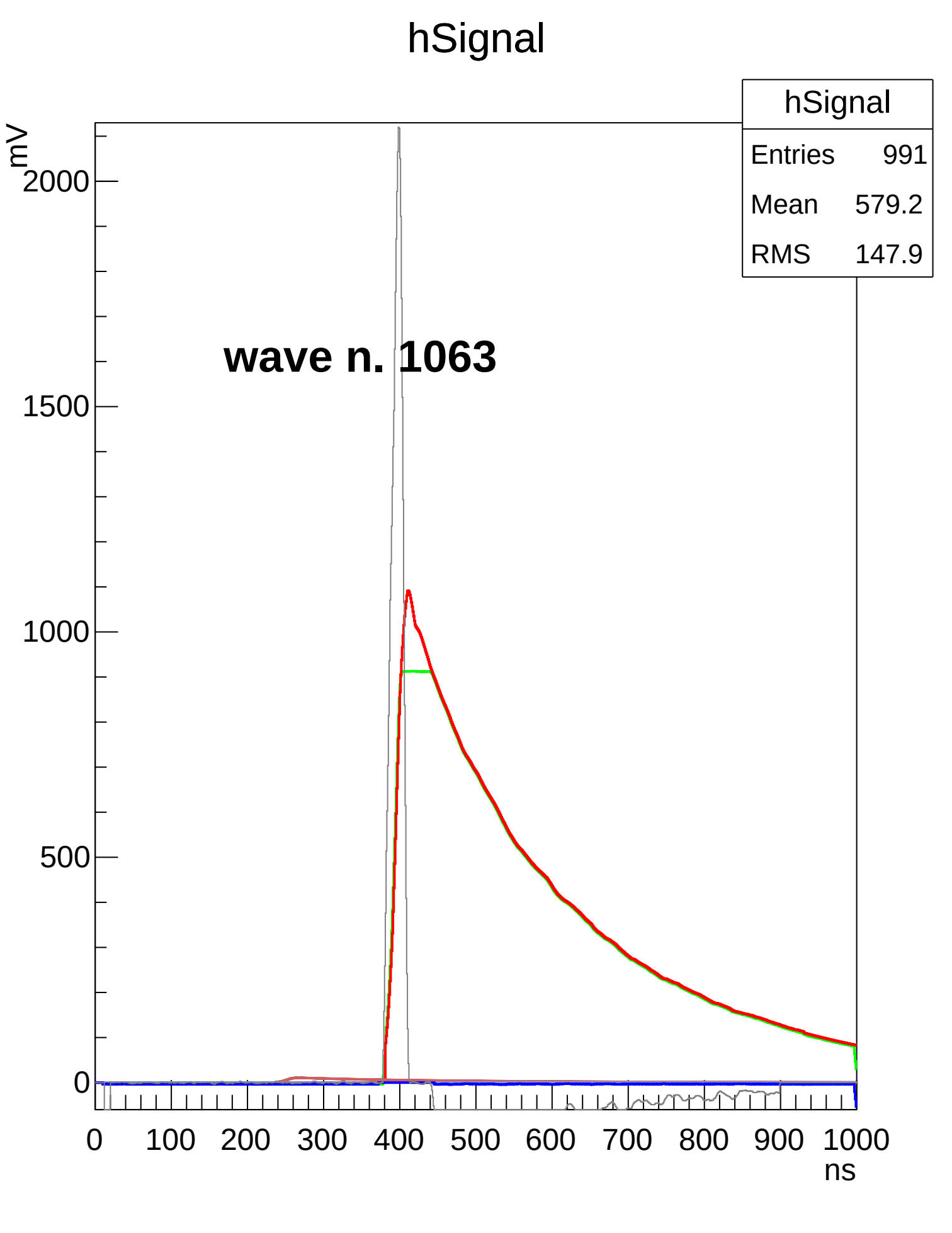
ns


hSignal
hSignal
Entries 991
Mean 579.2
RMS 147.9
wave n. 1063
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800
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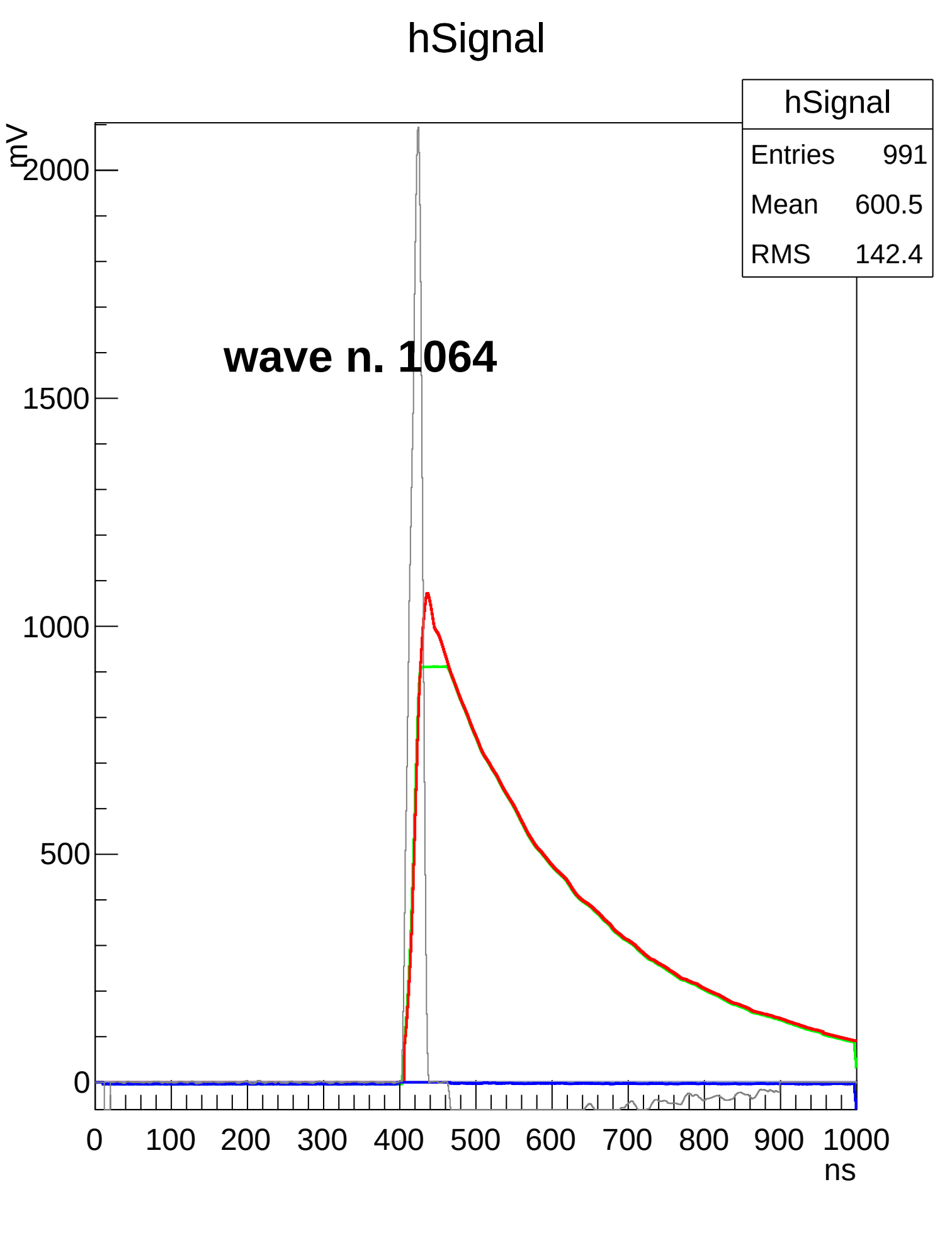
1000
ns


hSignal
hSignal
Entries 991
Mean 600.5
RMS 142.4
wave n. 1064
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1500
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500
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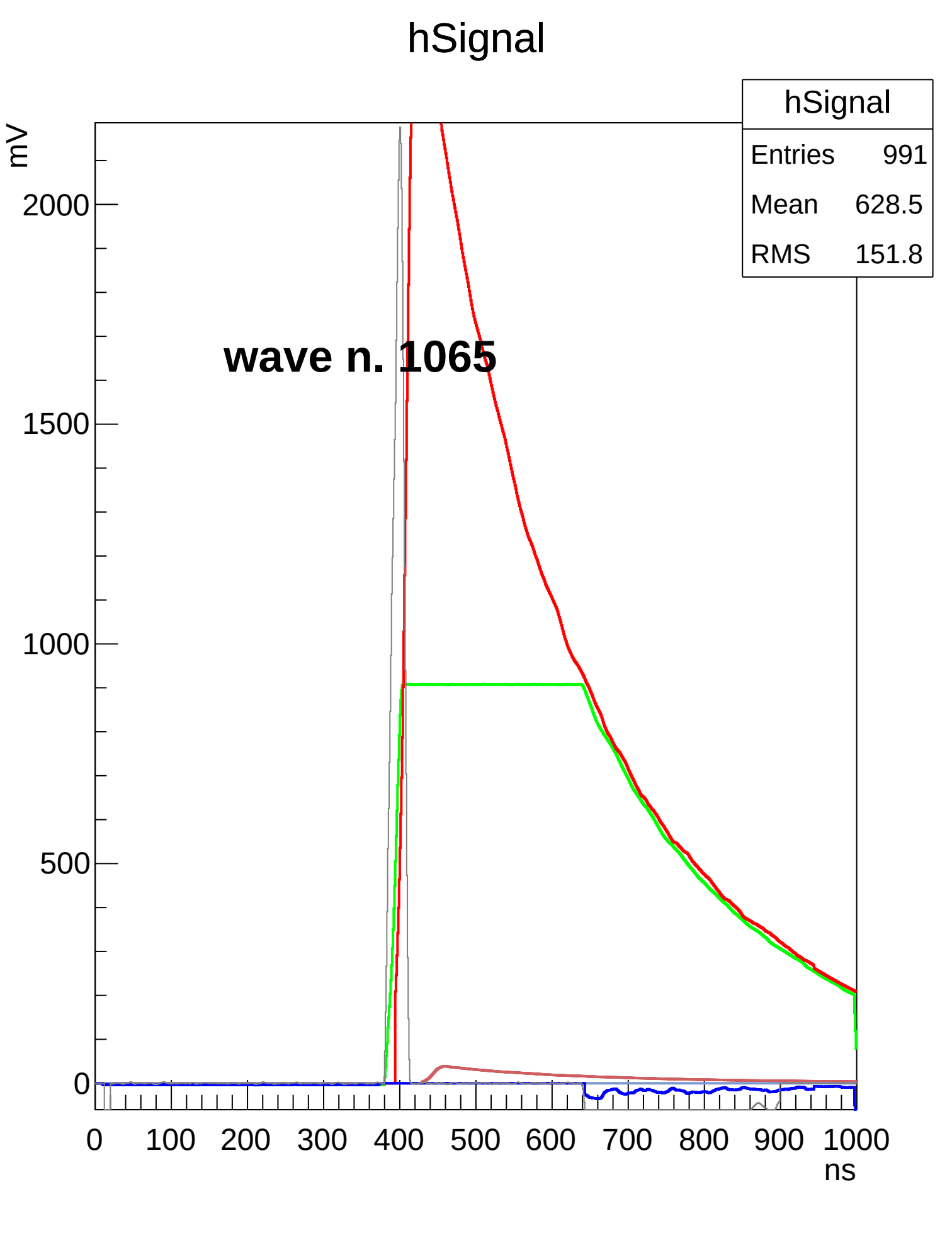
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 628.5
RMS 151.8
wave n. 1065
mV
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1500
1000
500
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0
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200
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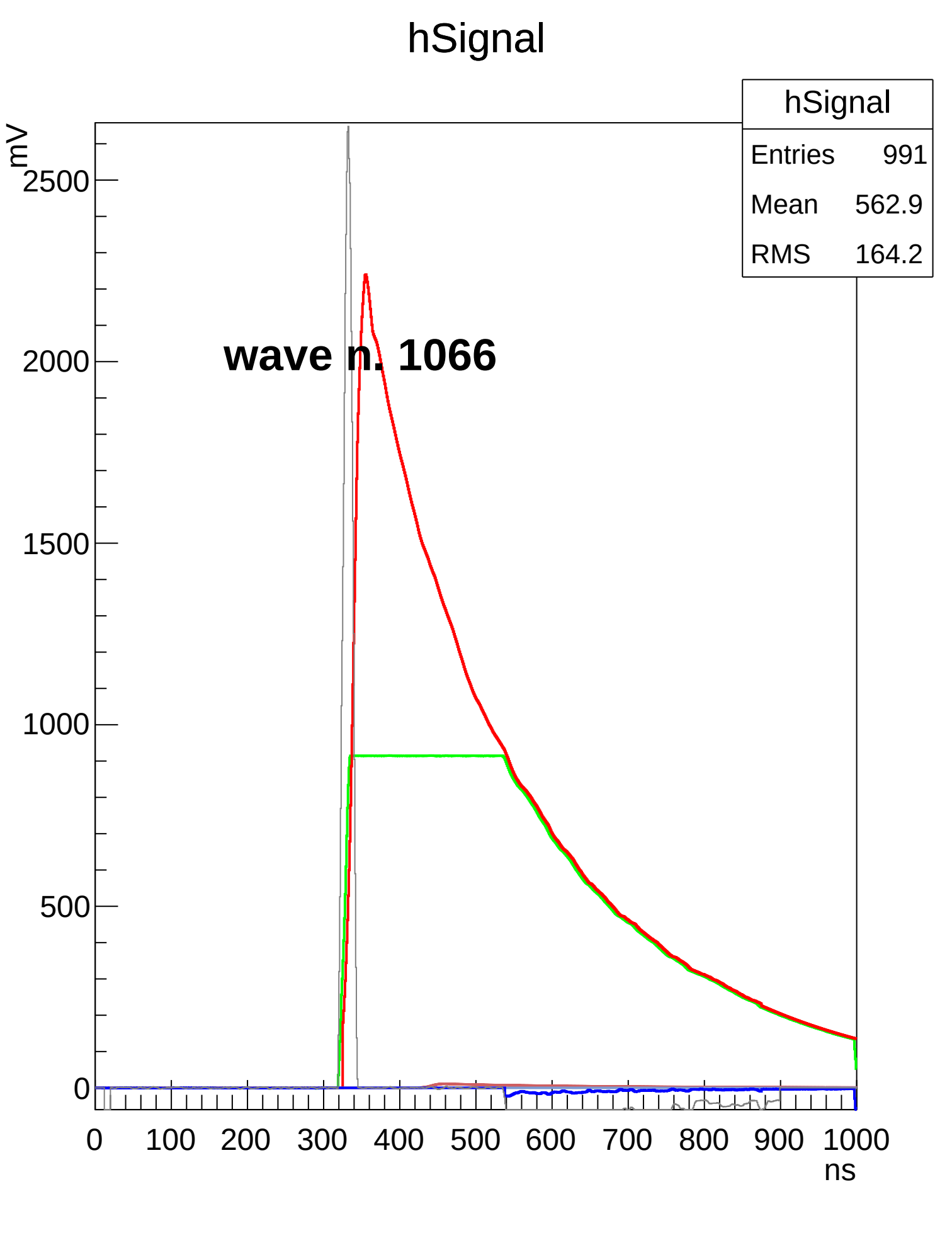
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 562.9
RMS 164.2
wave n. 1066
mV
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1000
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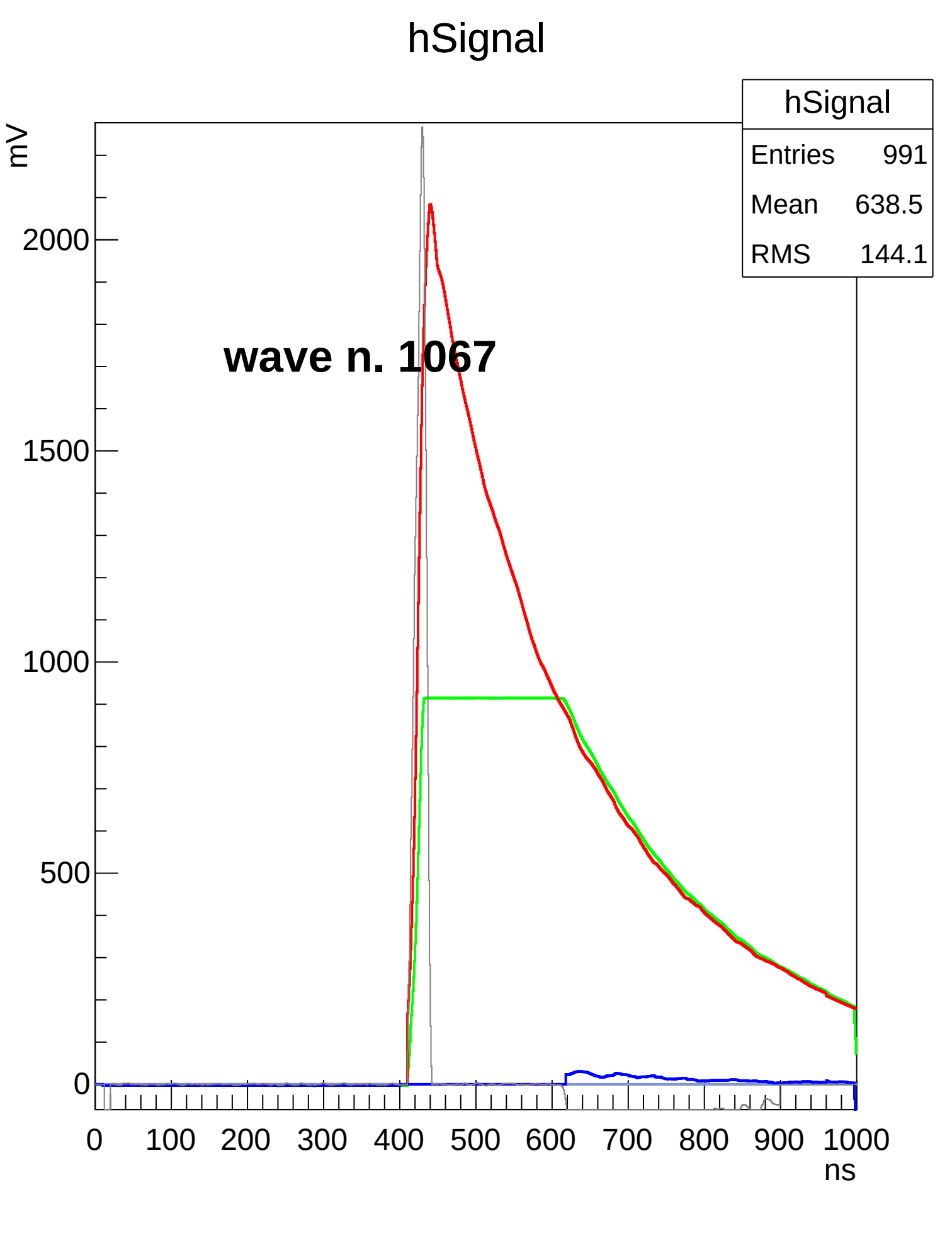
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hSignal
Entries 991
Mean 638.5
RMS 144.1
wave n. 1067
mV
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1000
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0
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800
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1000
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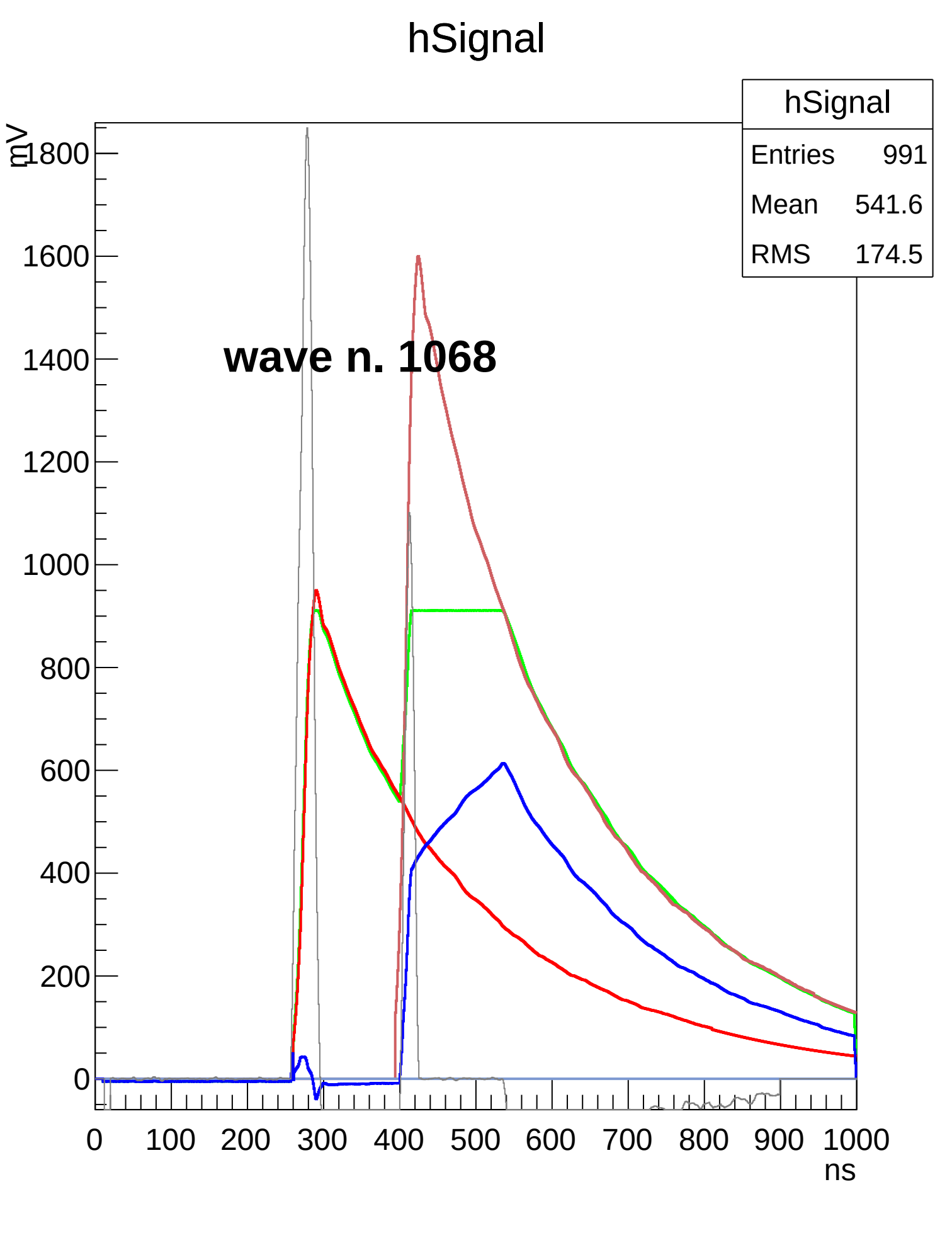
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hSignal
Entries 991
Mean 541.6
RMS 174.5
wave n. 1068
mV
1800
1600
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600
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1000
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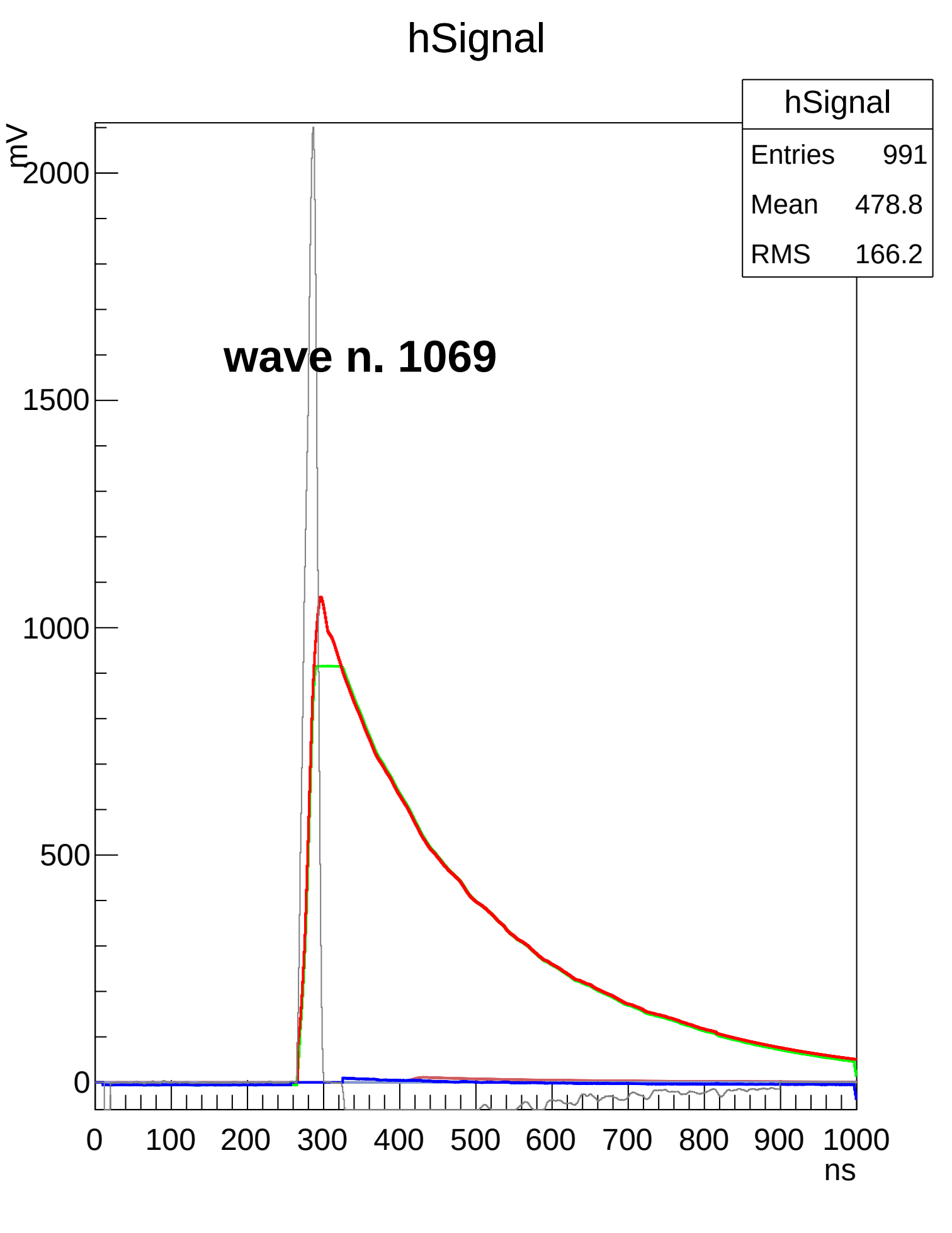
hSignal
hSignal
Entries 991
Mean 478.8
RMS 166.2
wave n. 1069
mV
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1000
500
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0
100
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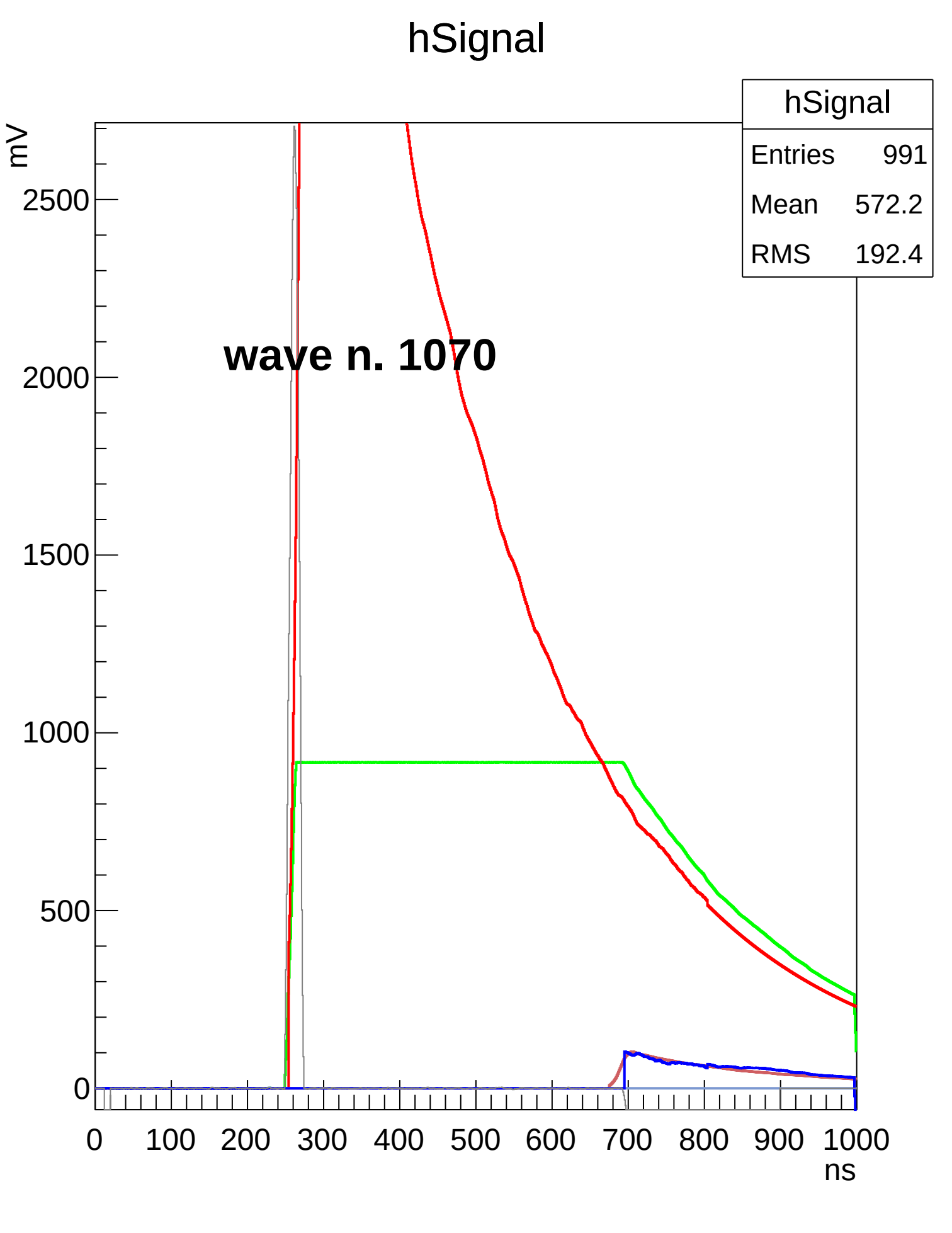
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 572.2
RMS 192.4
wave n. 1070
mV
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1000
500
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0
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400
500
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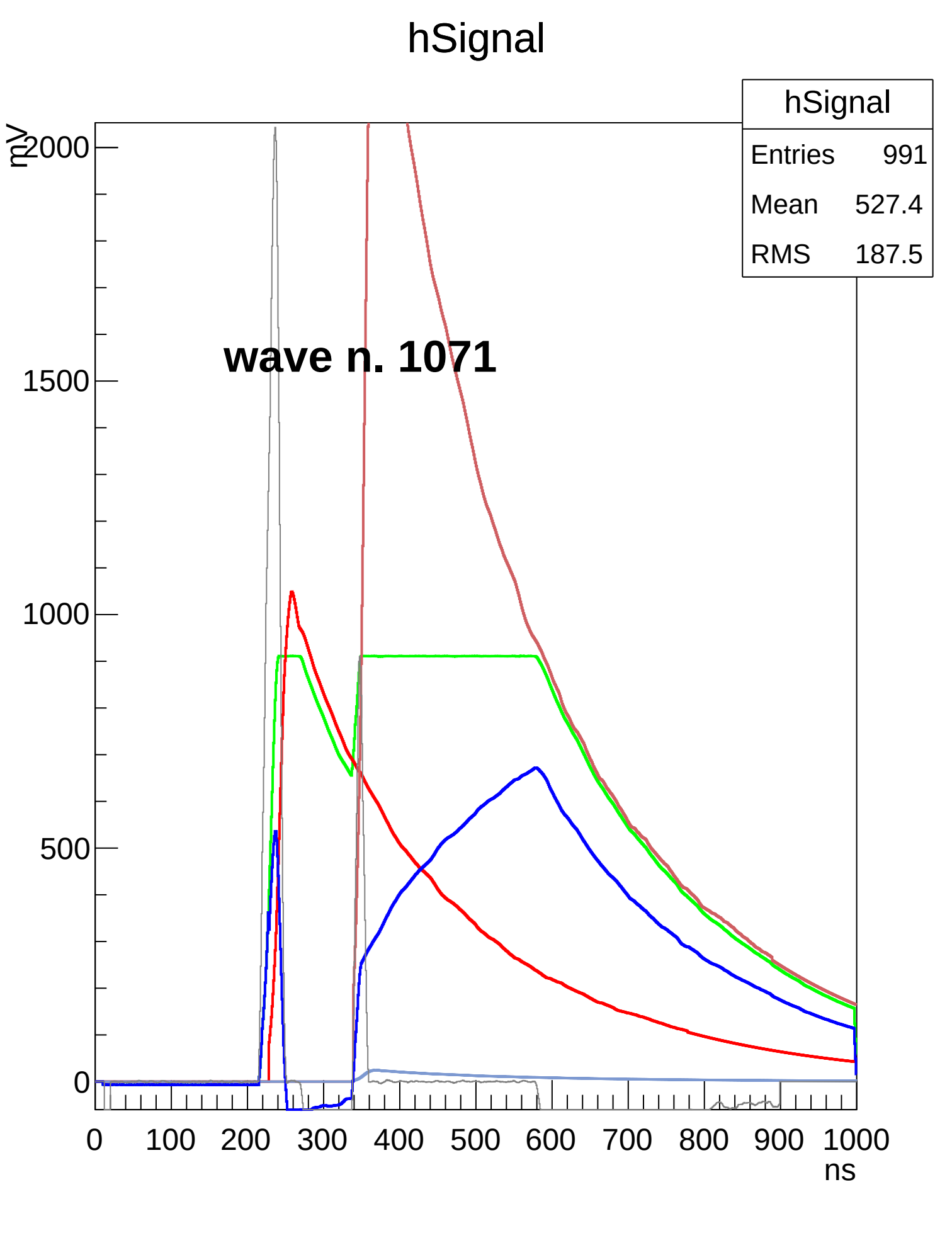
hSignal
hSignal
Entries 991
Mean 527.4
RMS 187.5
wave n. 1071
mV
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1500
1000
500
0
0
100
200
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400
500
600
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800
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1000
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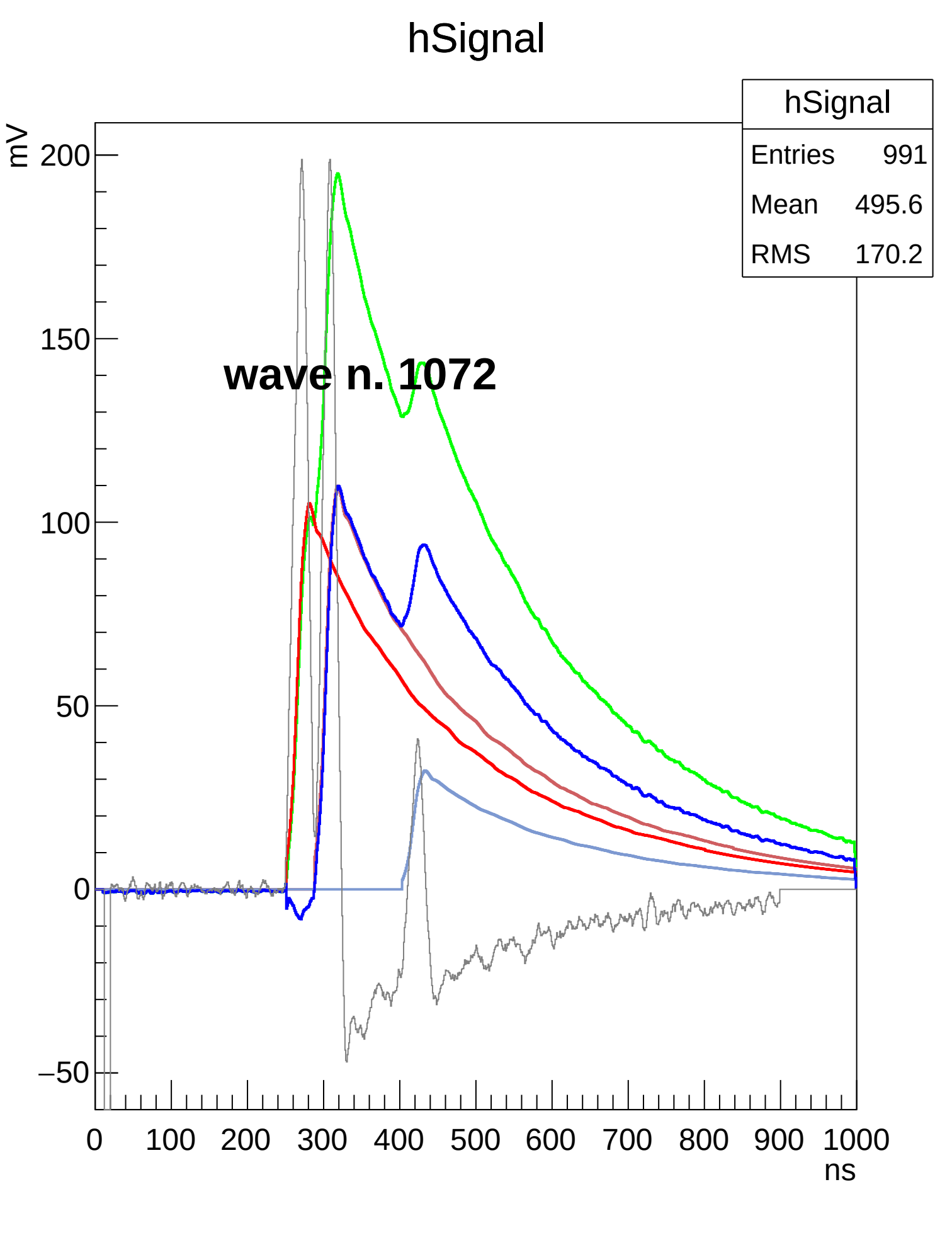
hSignal
hSignal
Entries 991
Mean 495.6
RMS 170.2
wave n. 1072
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
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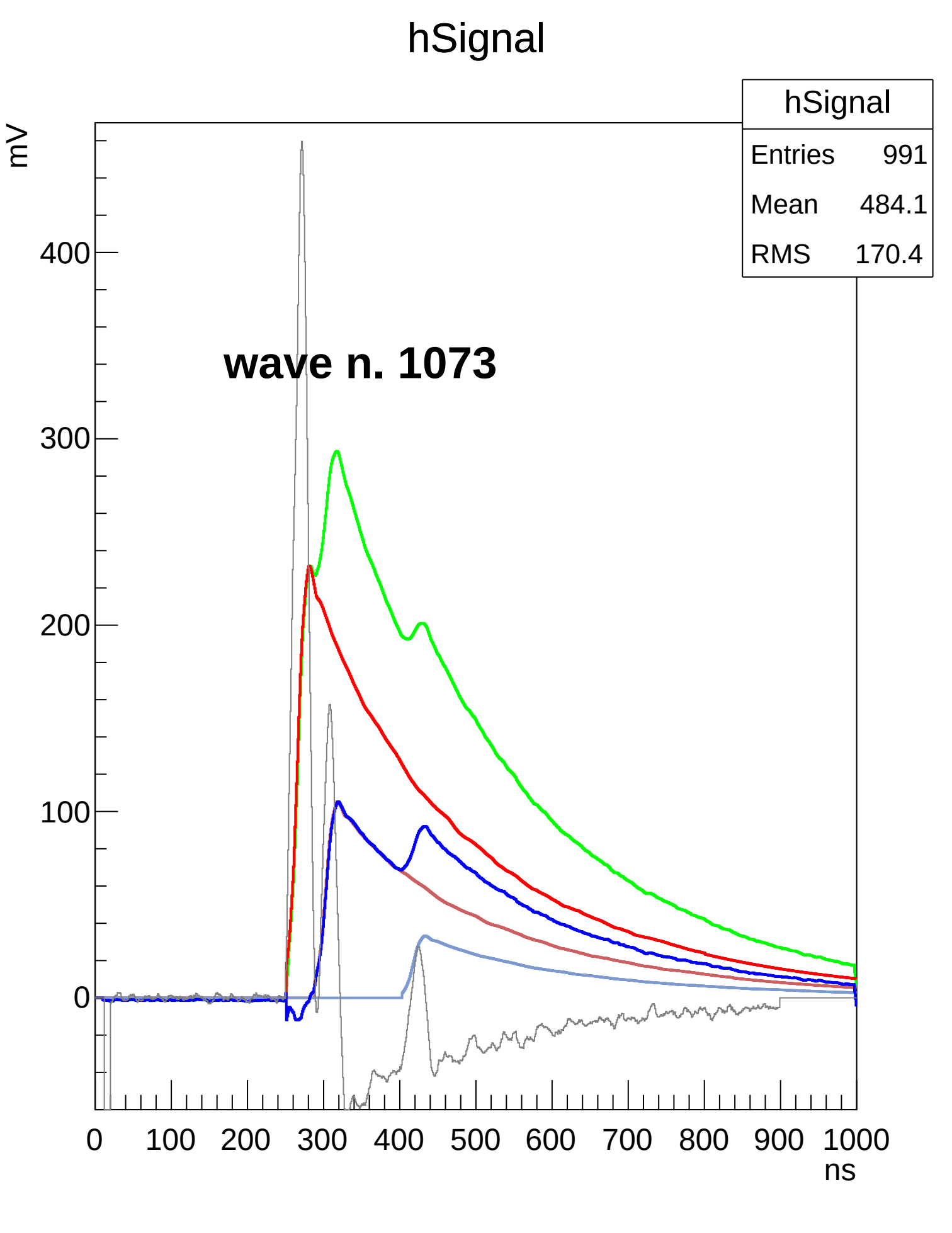
800
900
1000
ns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hSignal
Entries 991
Mean 484.1
RMS 170.4
wave n. 1073
mV
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300
200
100
0
0
100
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400
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600
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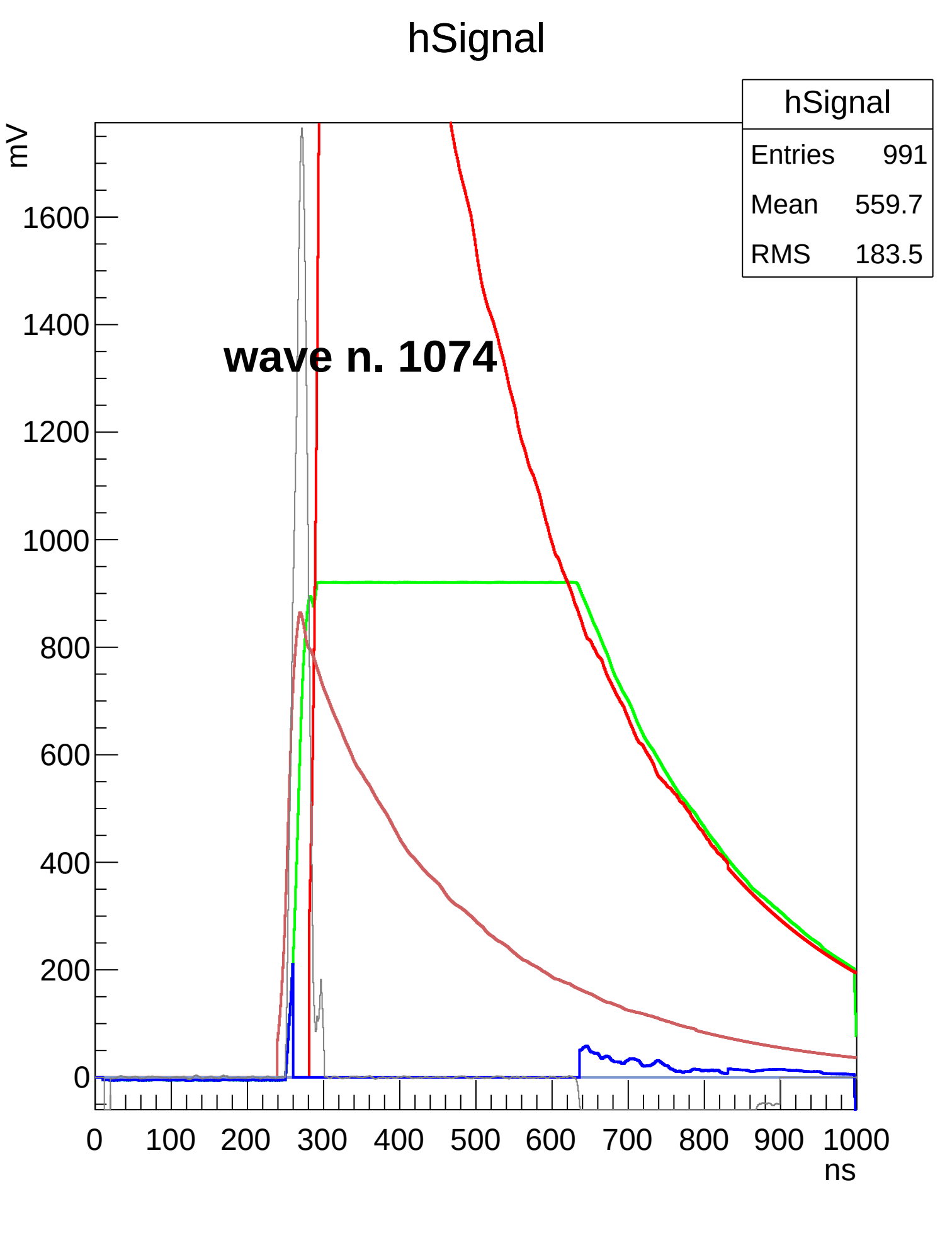
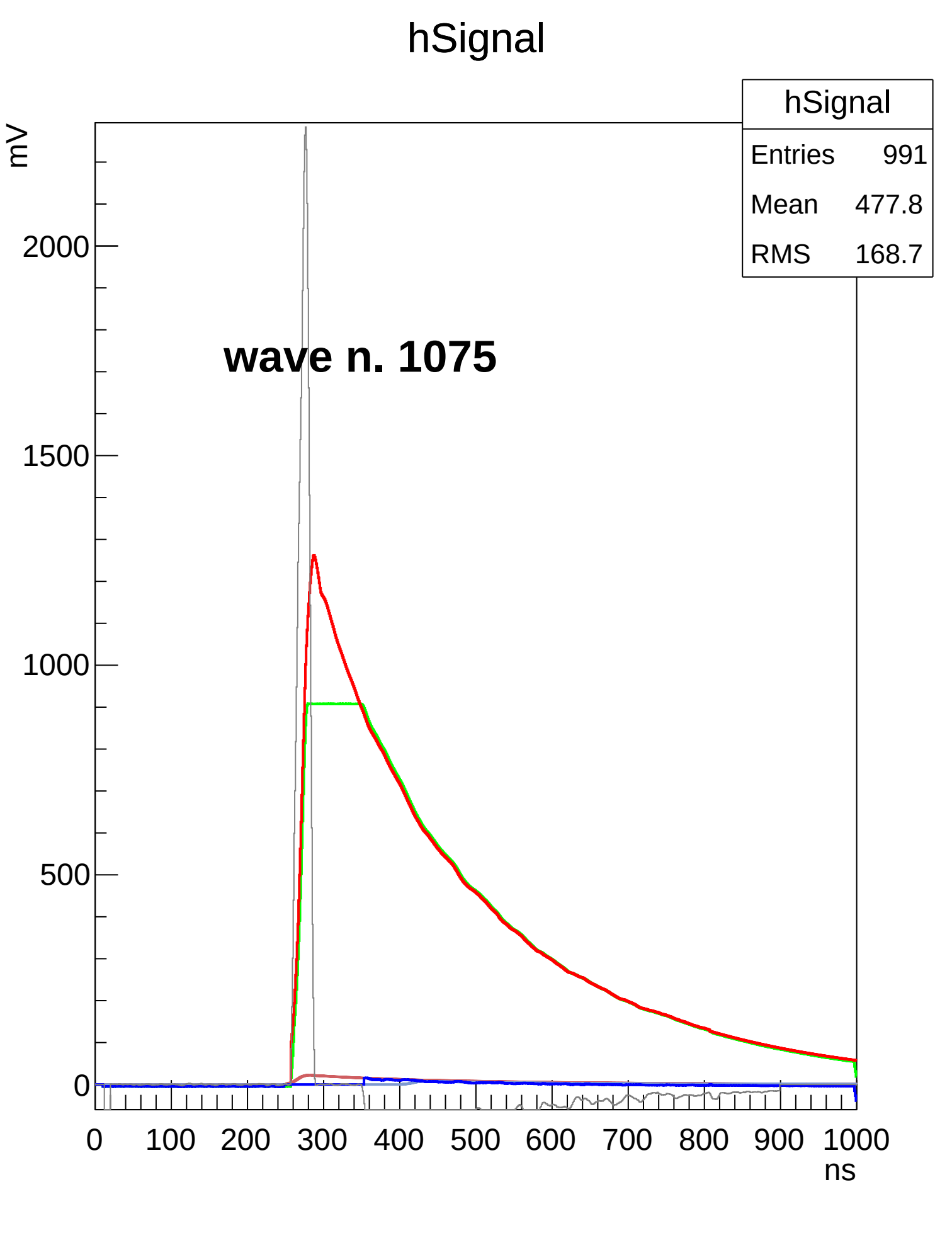
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 559.7
RMS 183.5
wave n. 1074
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 477.8
RMS 168.7
wave n. 1075
mV
2000
1500
1000
500
0
0
100
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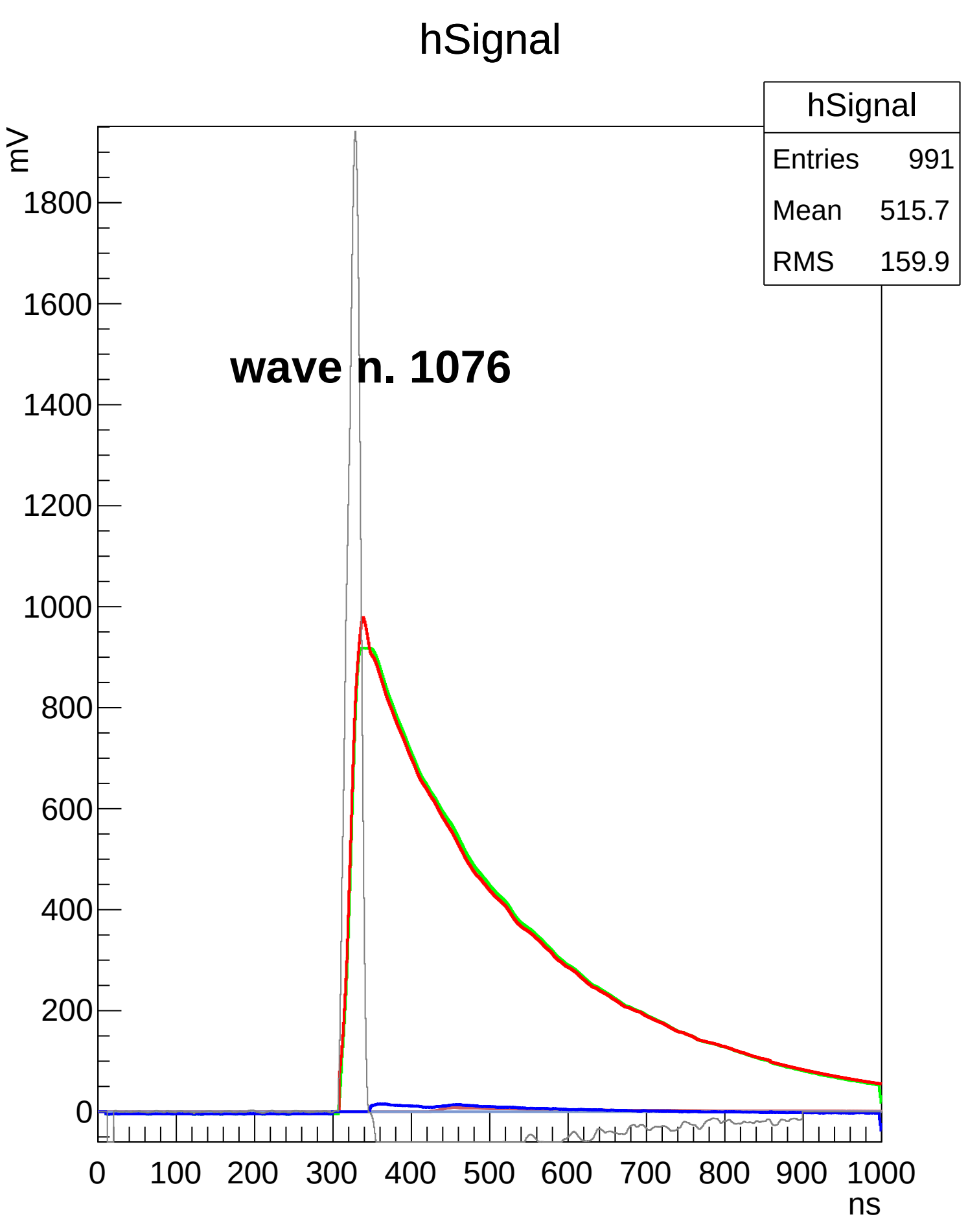
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.7
RMS 159.9
wave n. 1076
mV
1800
1600
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600
400
200
0
0
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200
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400
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800
900
1000
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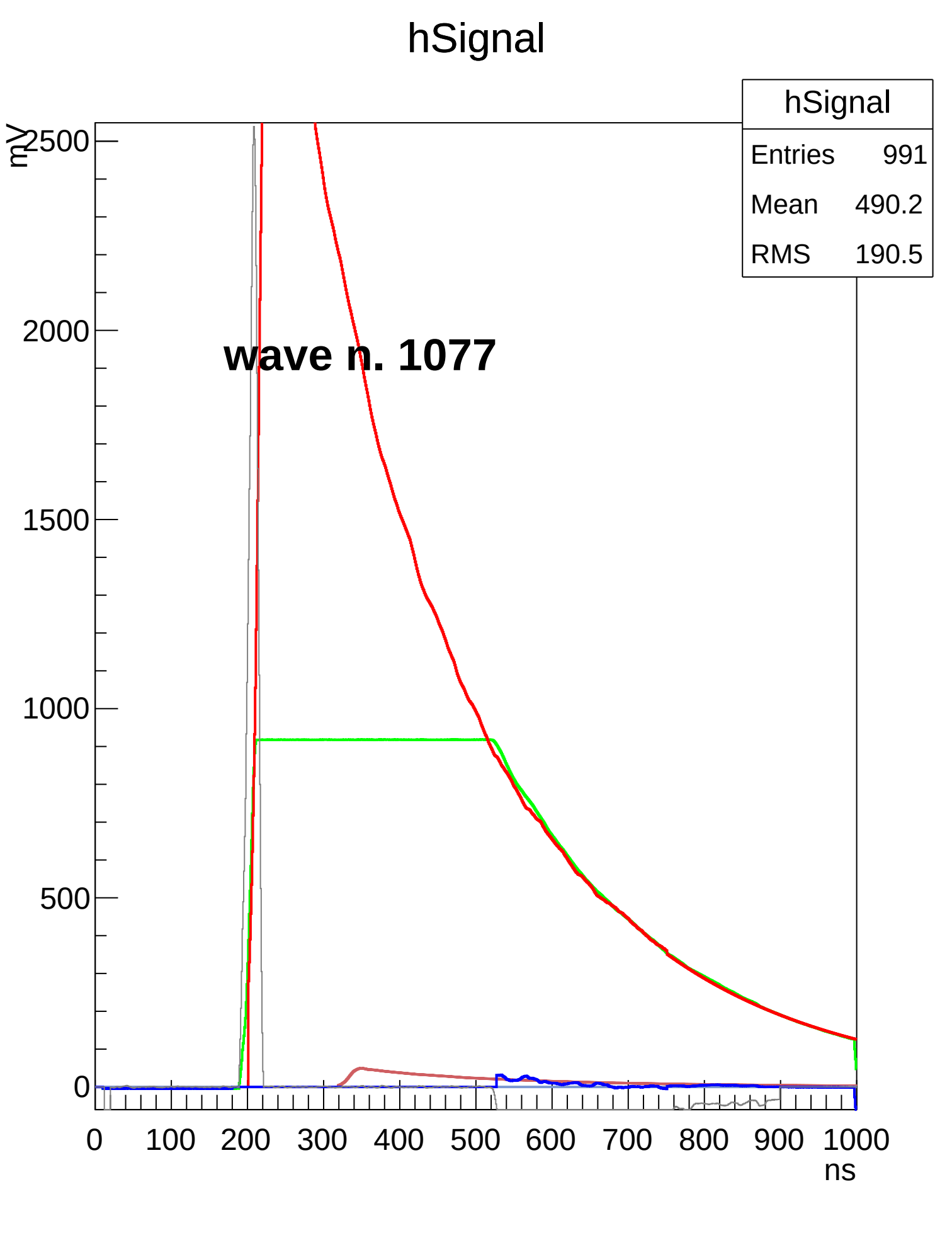
hSignal
hSignal
Entries 991
Mean 490.2
RMS 190.5
wave n. 1077
mV
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1000
500
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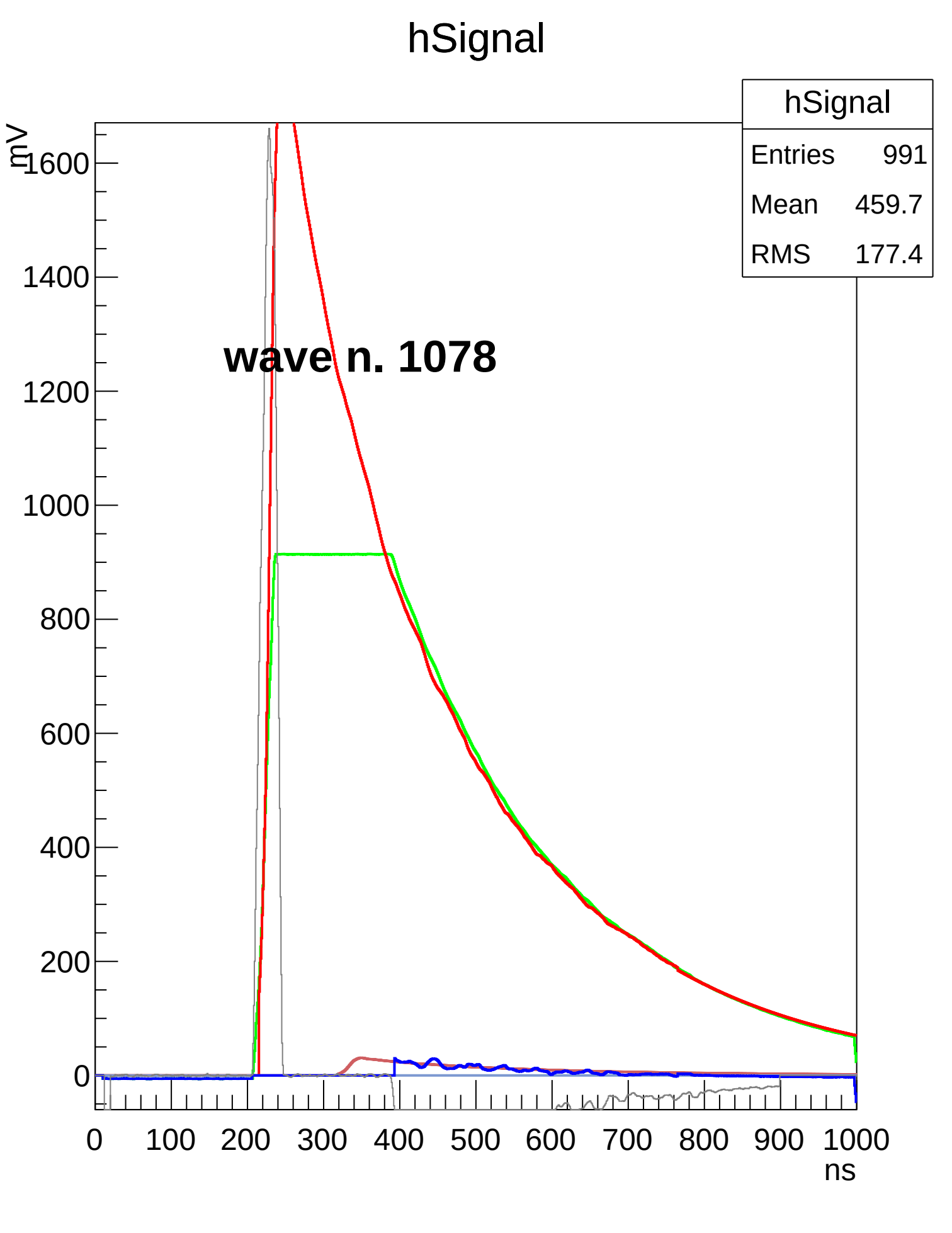
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 459.7
RMS 177.4
wave n. 1078
mV
1600
1400
1200
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600
400
200
0
0
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200
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400
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800
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1000
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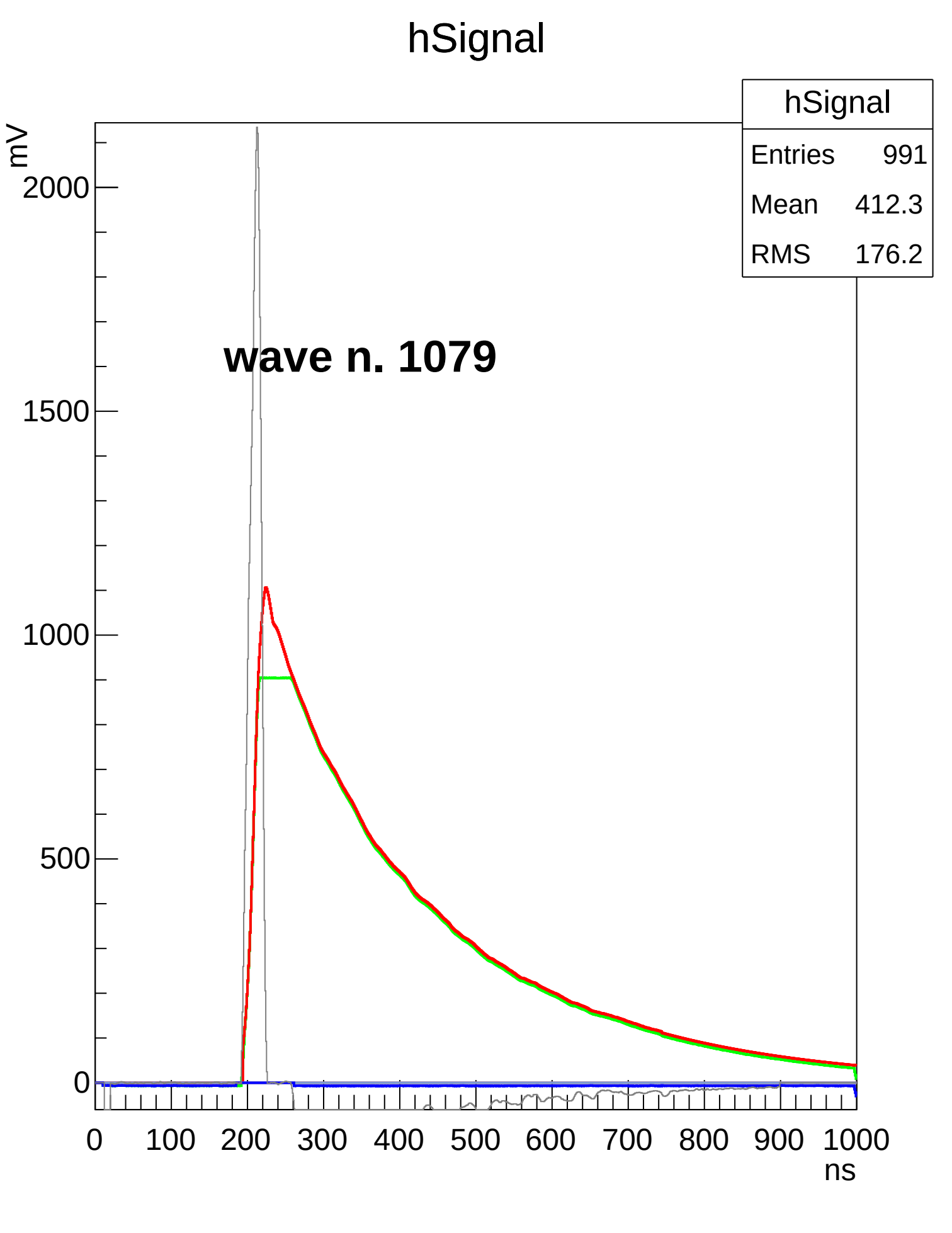
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hSignal
Entries 991
Mean 412.3
RMS 176.2
wave n. 1079
mV
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0
100
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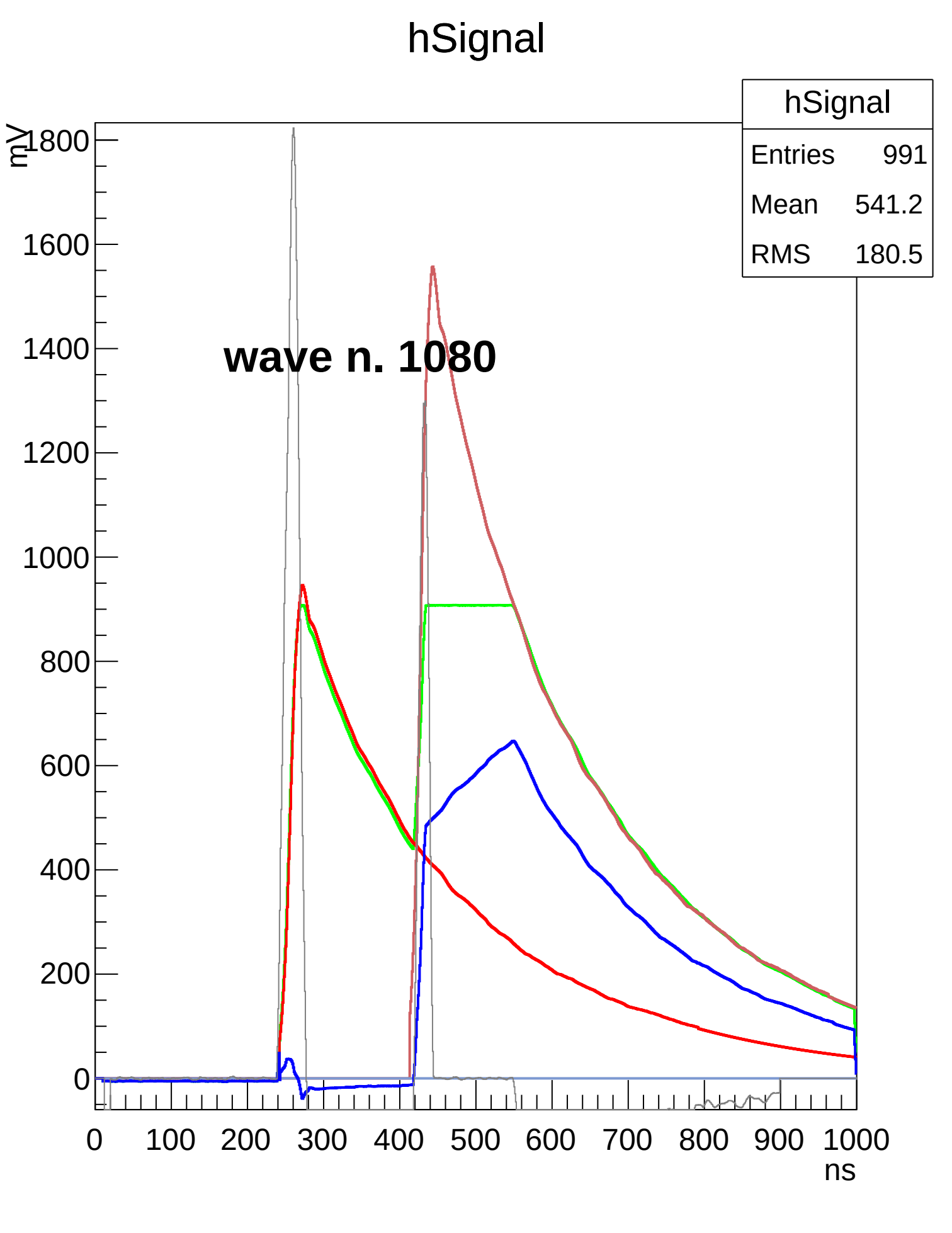
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 541.2
RMS 180.5
wave n. 1080
mV
1800
1600
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1000
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600
400
200
0
0
100
200
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400
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600
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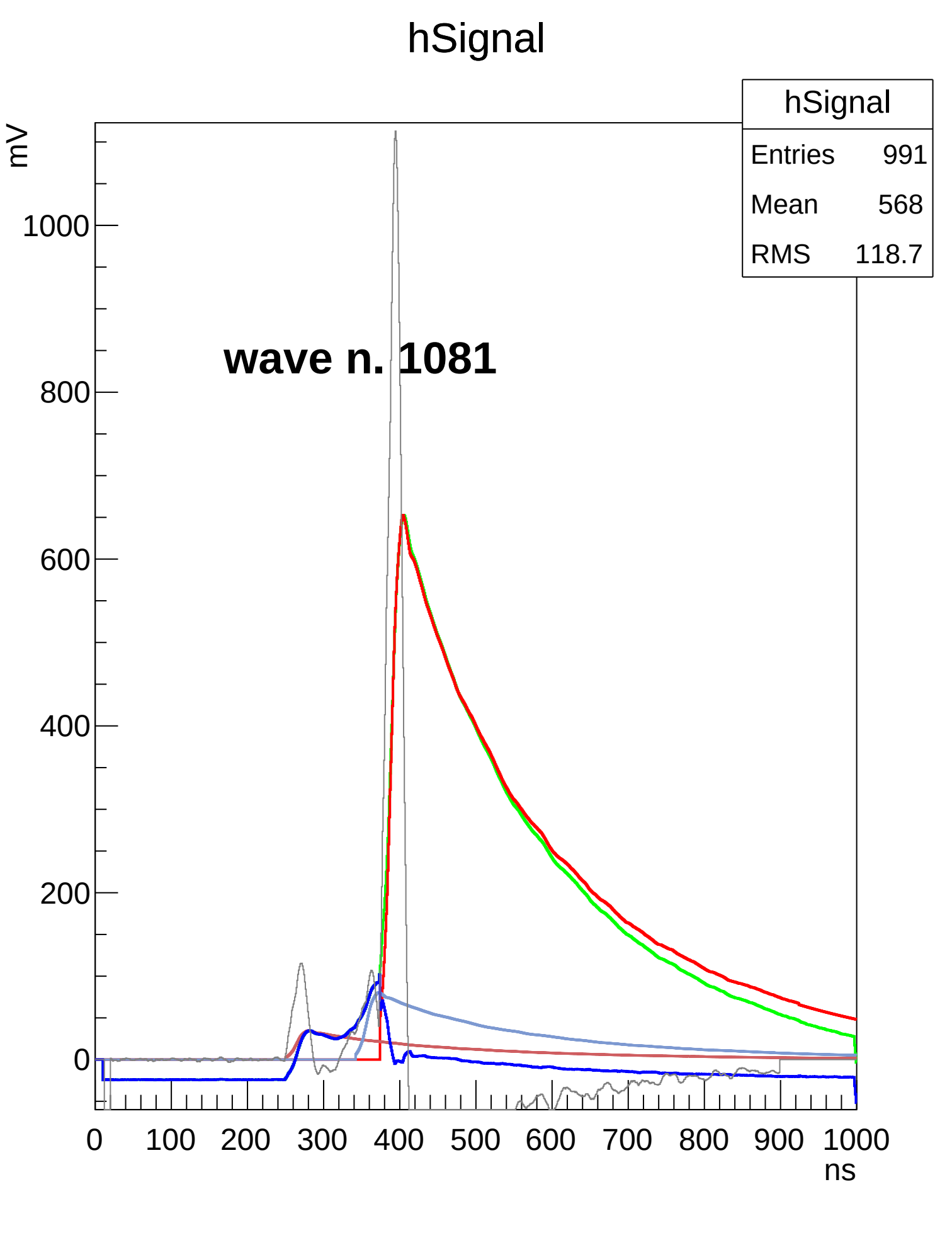
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 568
RMS 118.7
wave n. 1081
mV
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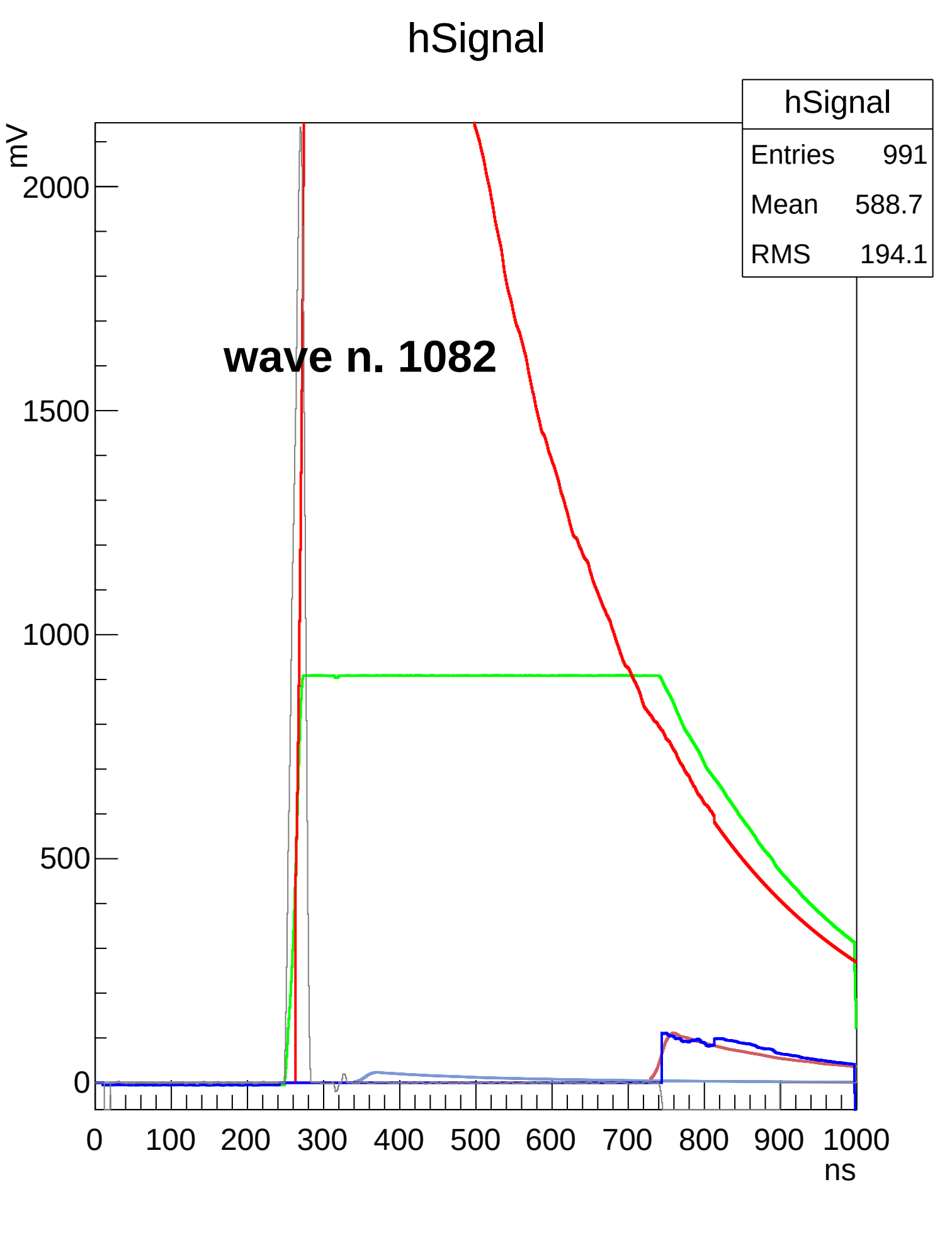
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 588.7
RMS 194.1
wave n. 1082
mV
2000
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1000
500
0
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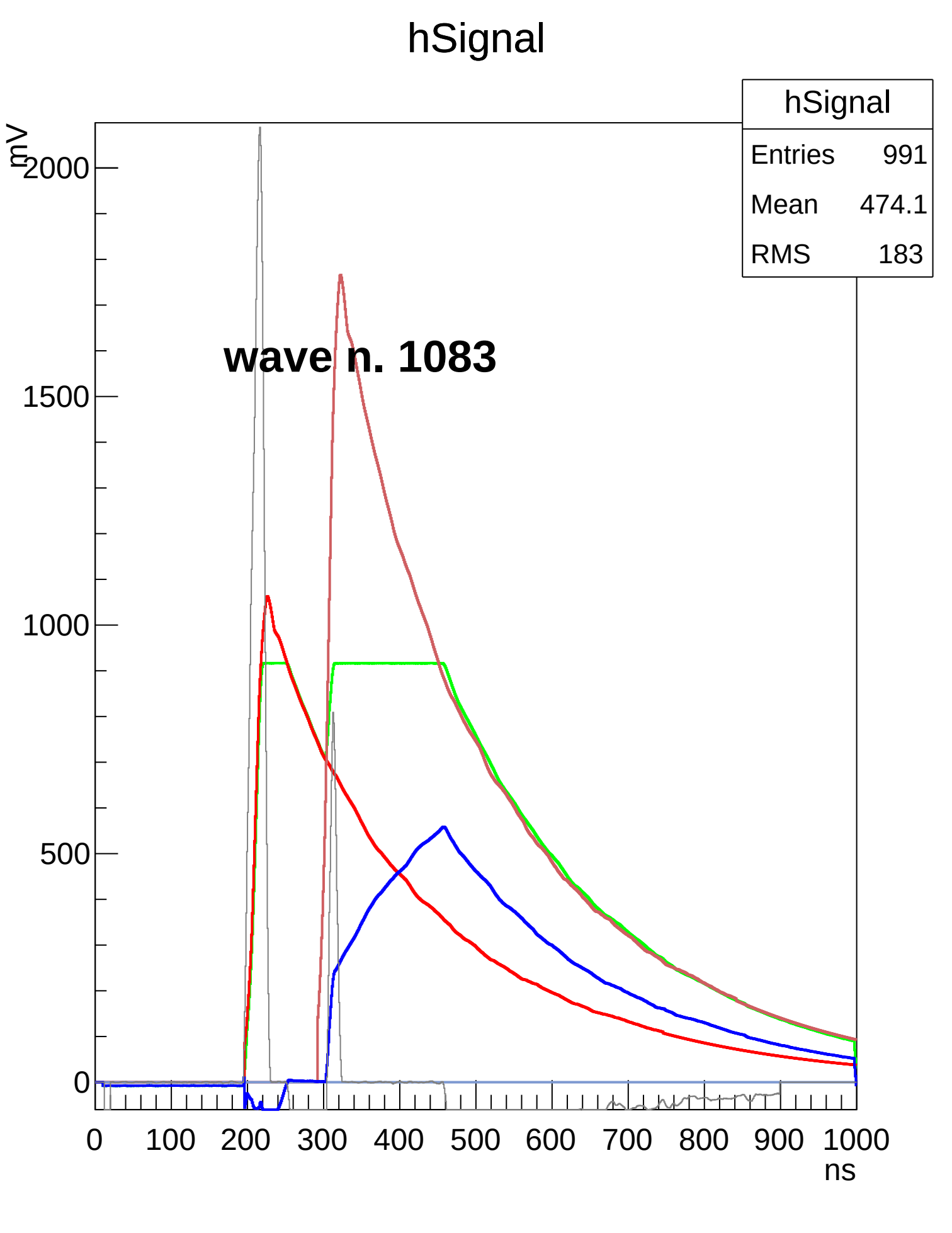
ns


hSignal
hSignal
Entries 991
Mean 474.1
RMS 183
wave n. 1083
mV
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1500
1000
500
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200
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800
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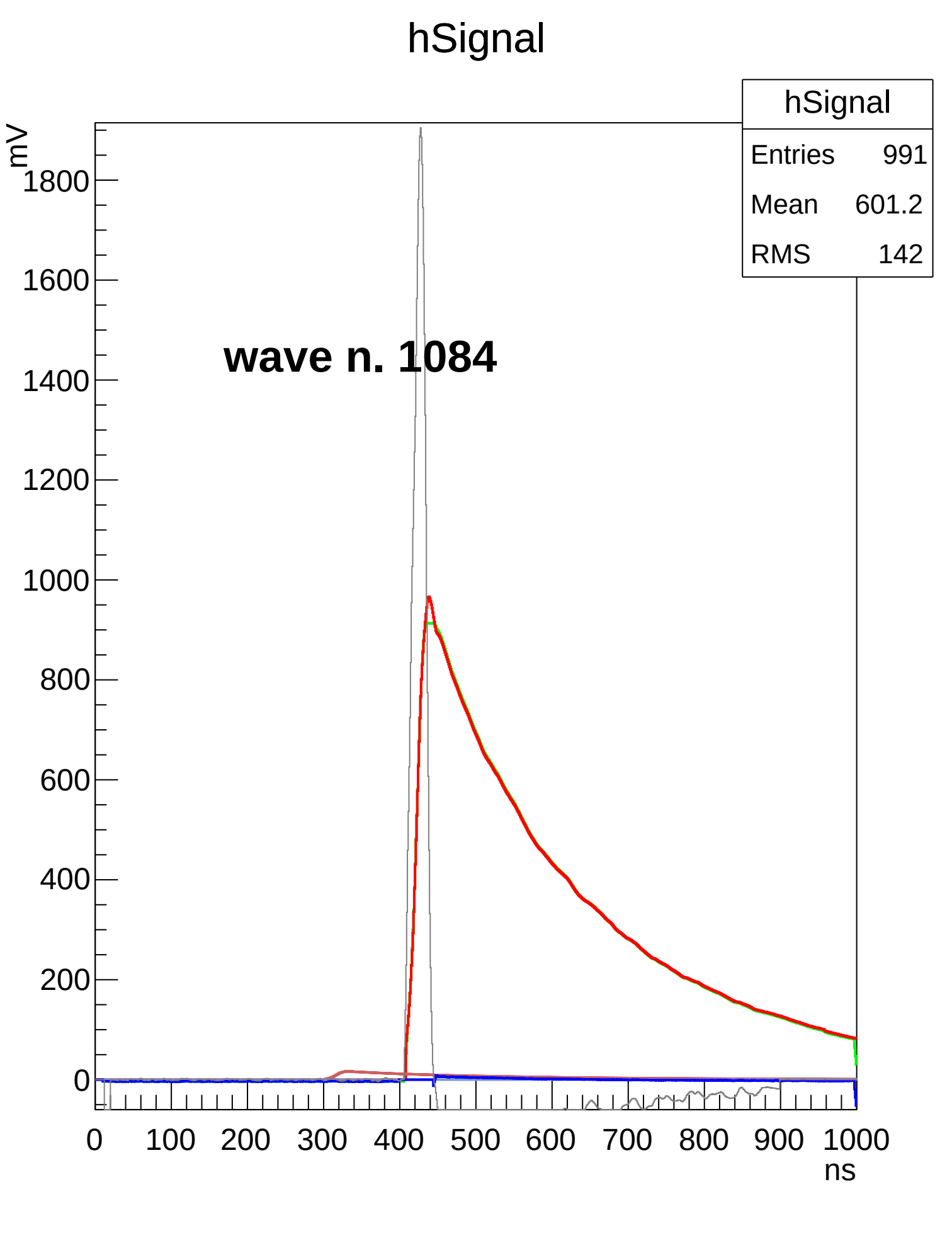
1000
ns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hSignal
Entries 991
Mean 601.2
RMS 142
wave n. 1084
mV
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1600
1400
1200
1000
800
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400
200
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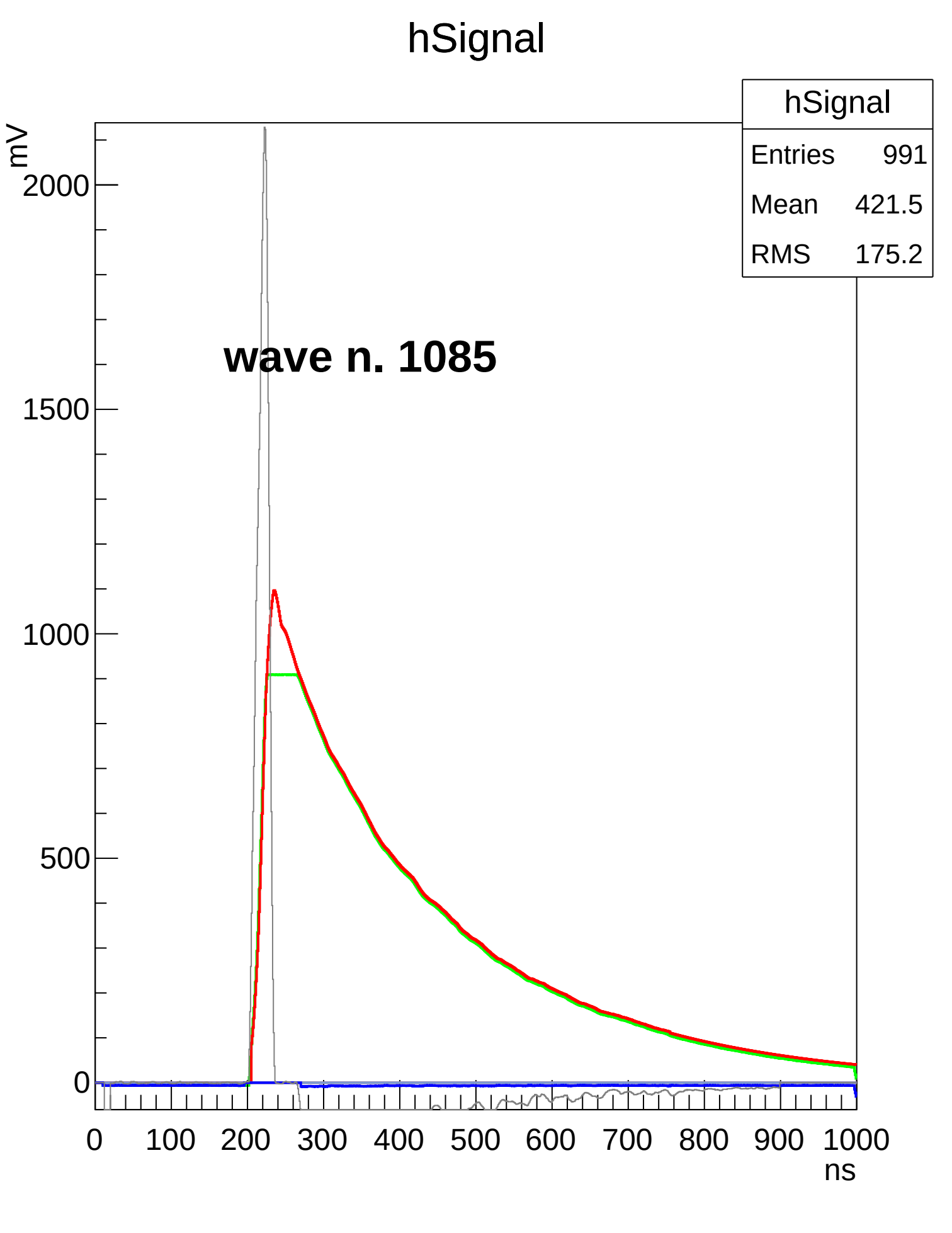
ns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hSignal
Entries 991
Mean 421.5
RMS 175.2
wave n. 1085
mV
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500
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100
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400
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800
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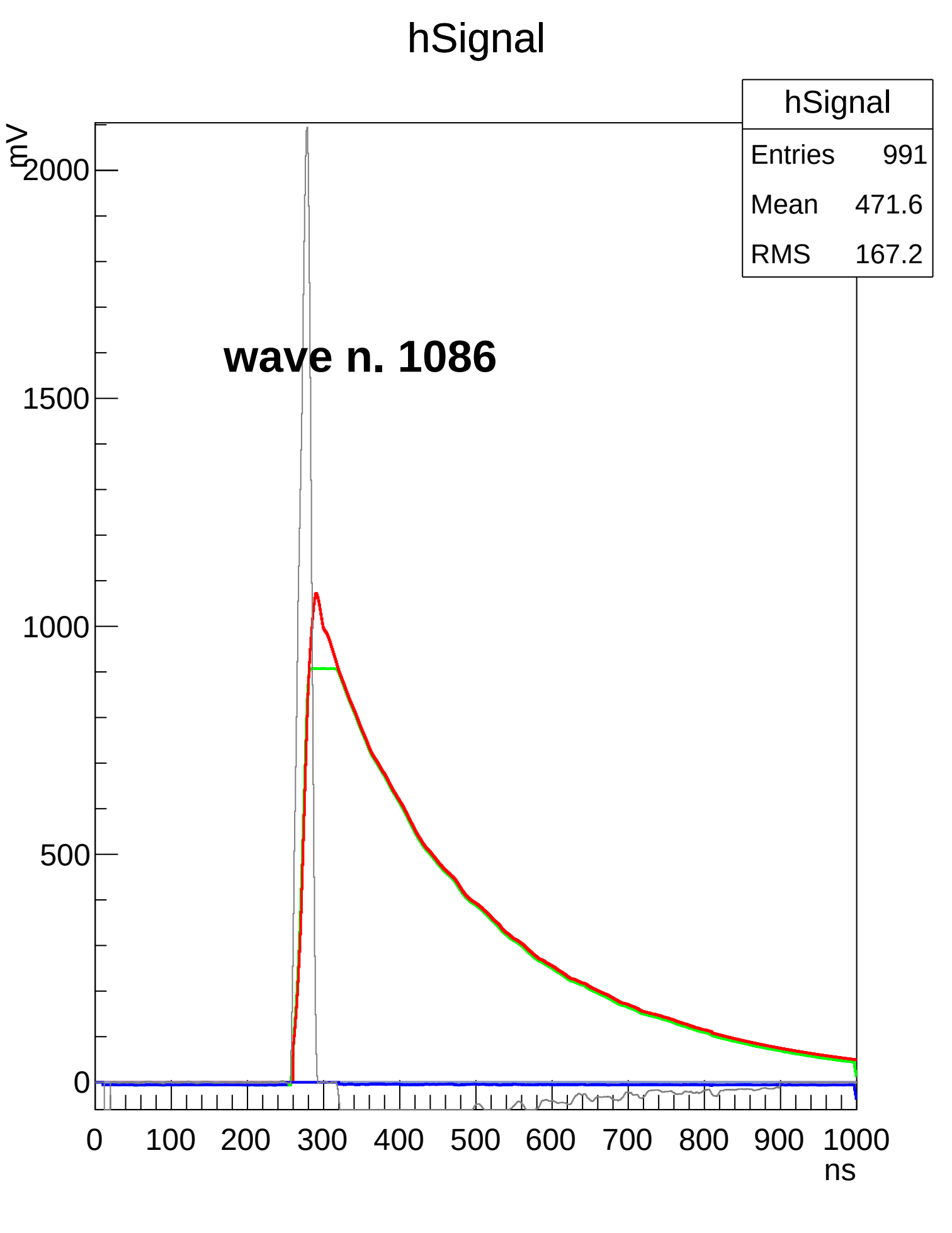
1000
ns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hSignal
Entries 991
Mean 471.6
RMS 167.2
wave n. 1086
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1000
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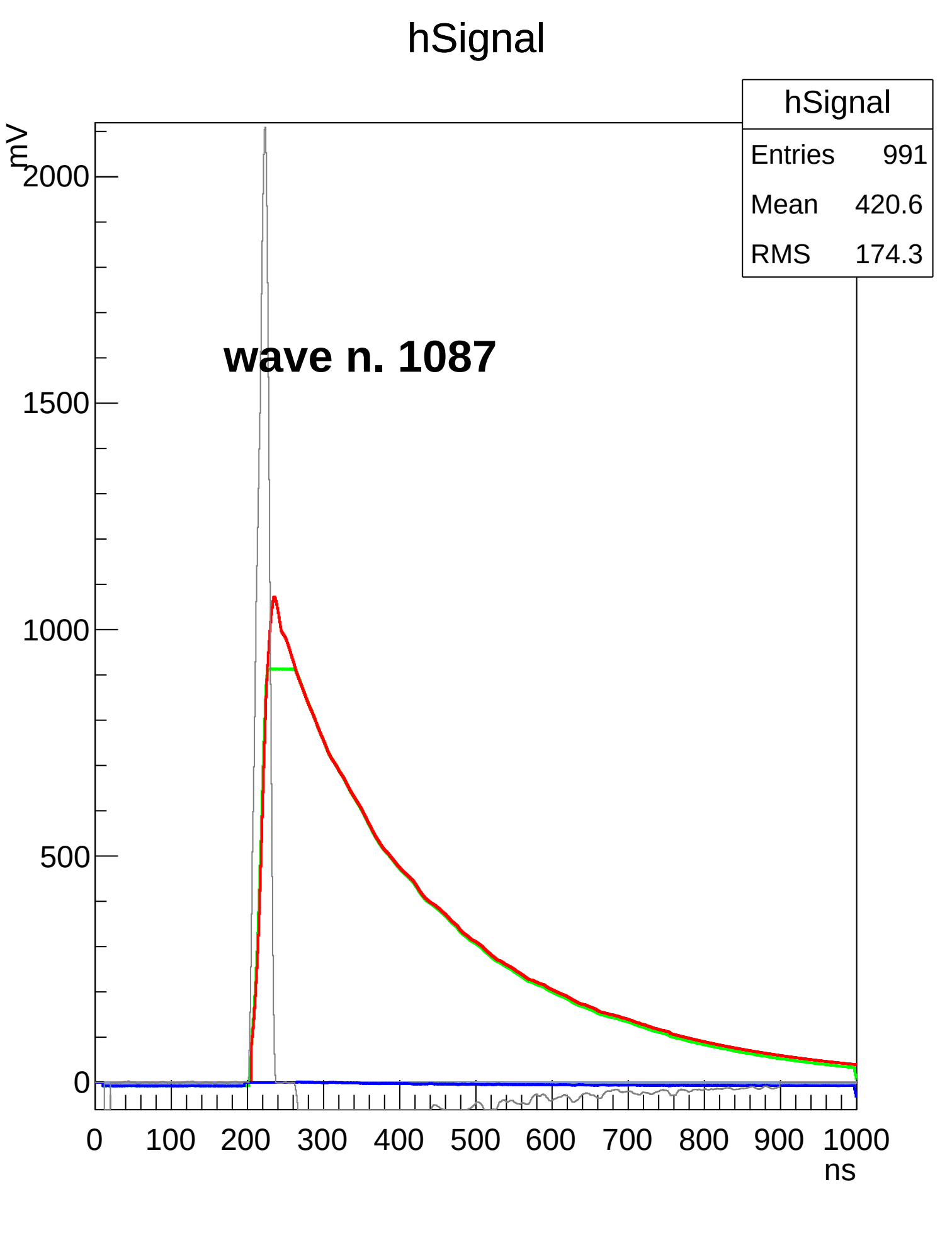
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hSignal
Entries 991
Mean 420.6
RMS 174.3
wave n. 1087
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100
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800
900
1000
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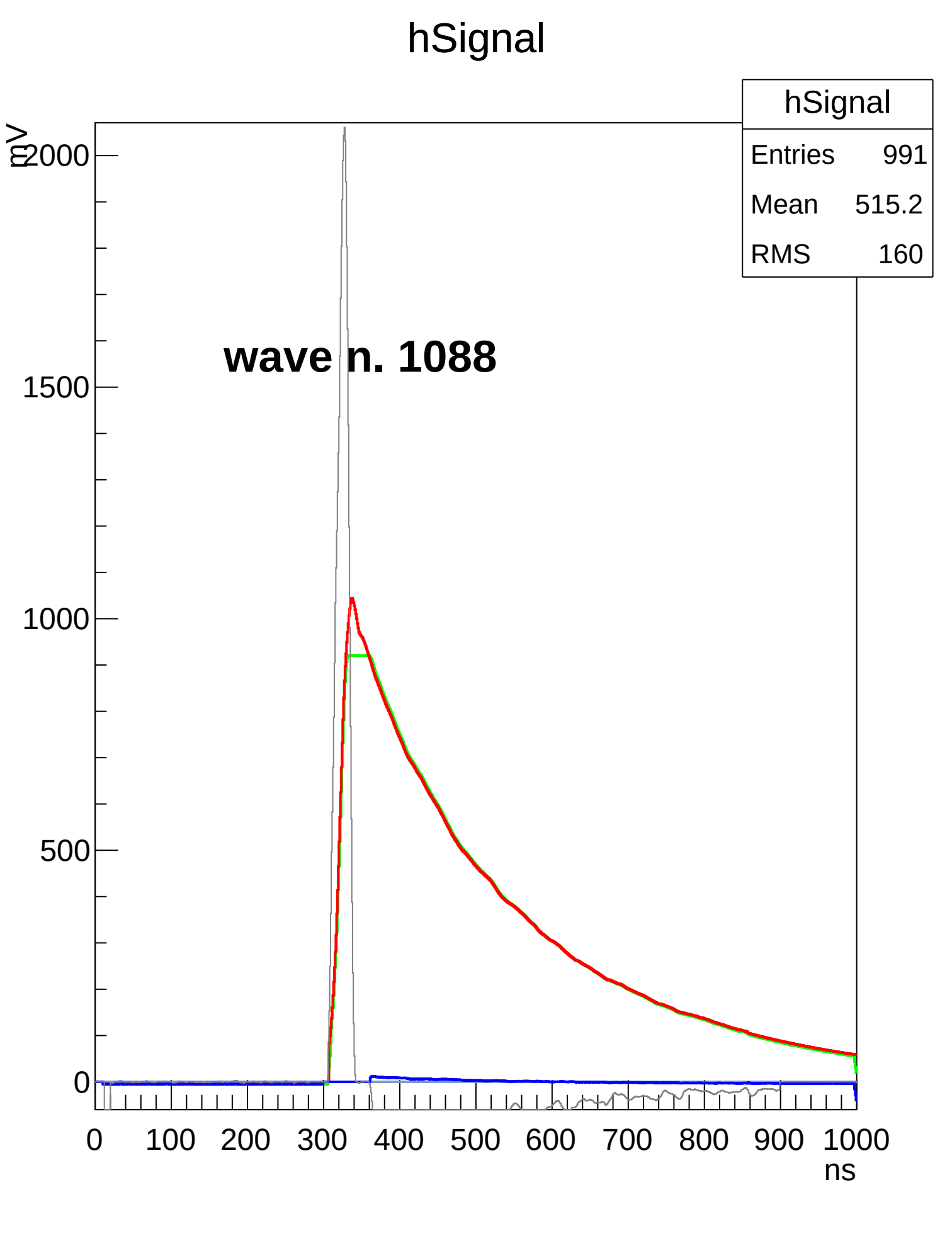
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hSignal
Entries 991
Mean 515.2
RMS 160
wave n. 1088
mV
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1000
500
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400
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800
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1000
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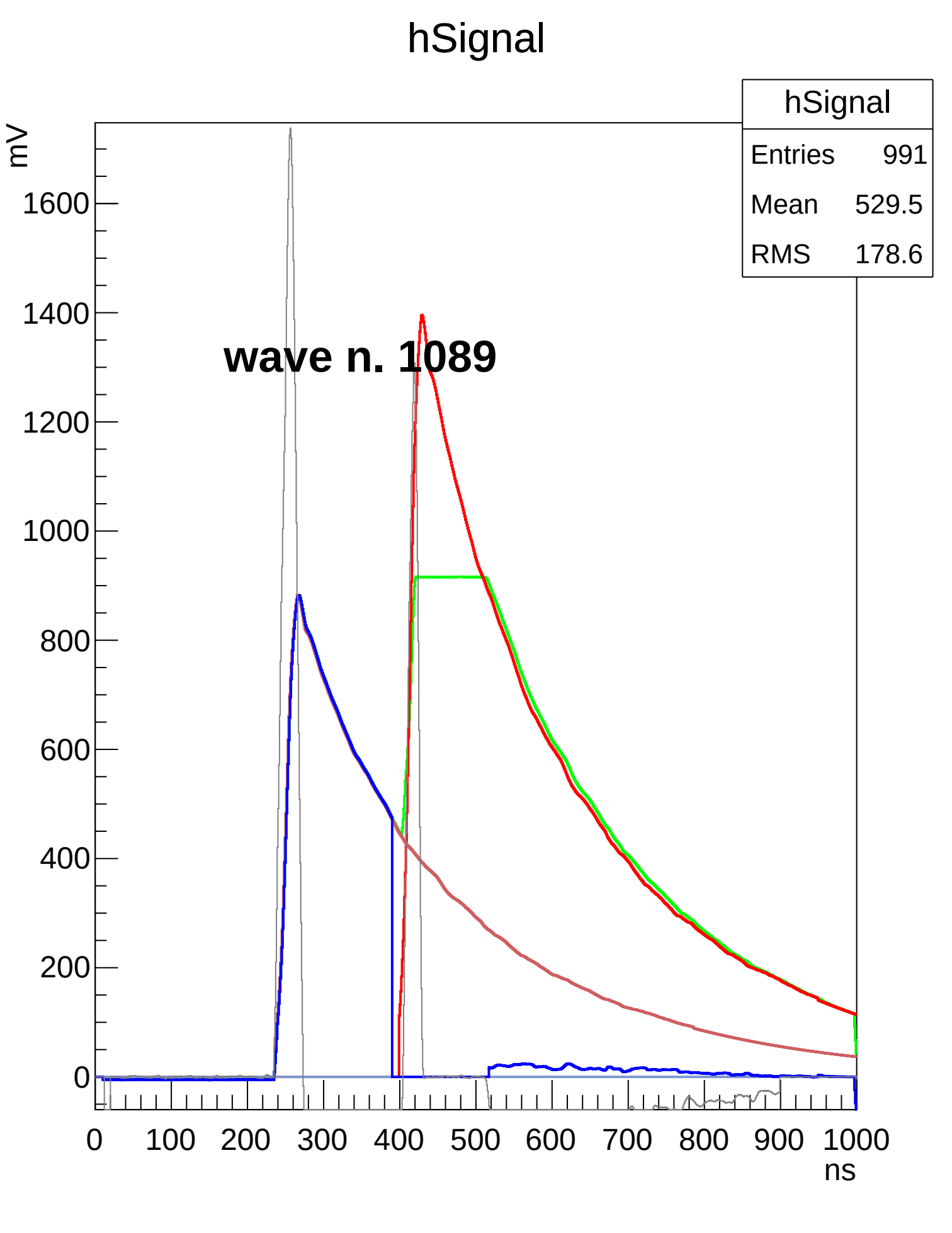
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hSignal
Entries 991
Mean 529.5
RMS 178.6
wave n. 1089
mV
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1400
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1000
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400
200
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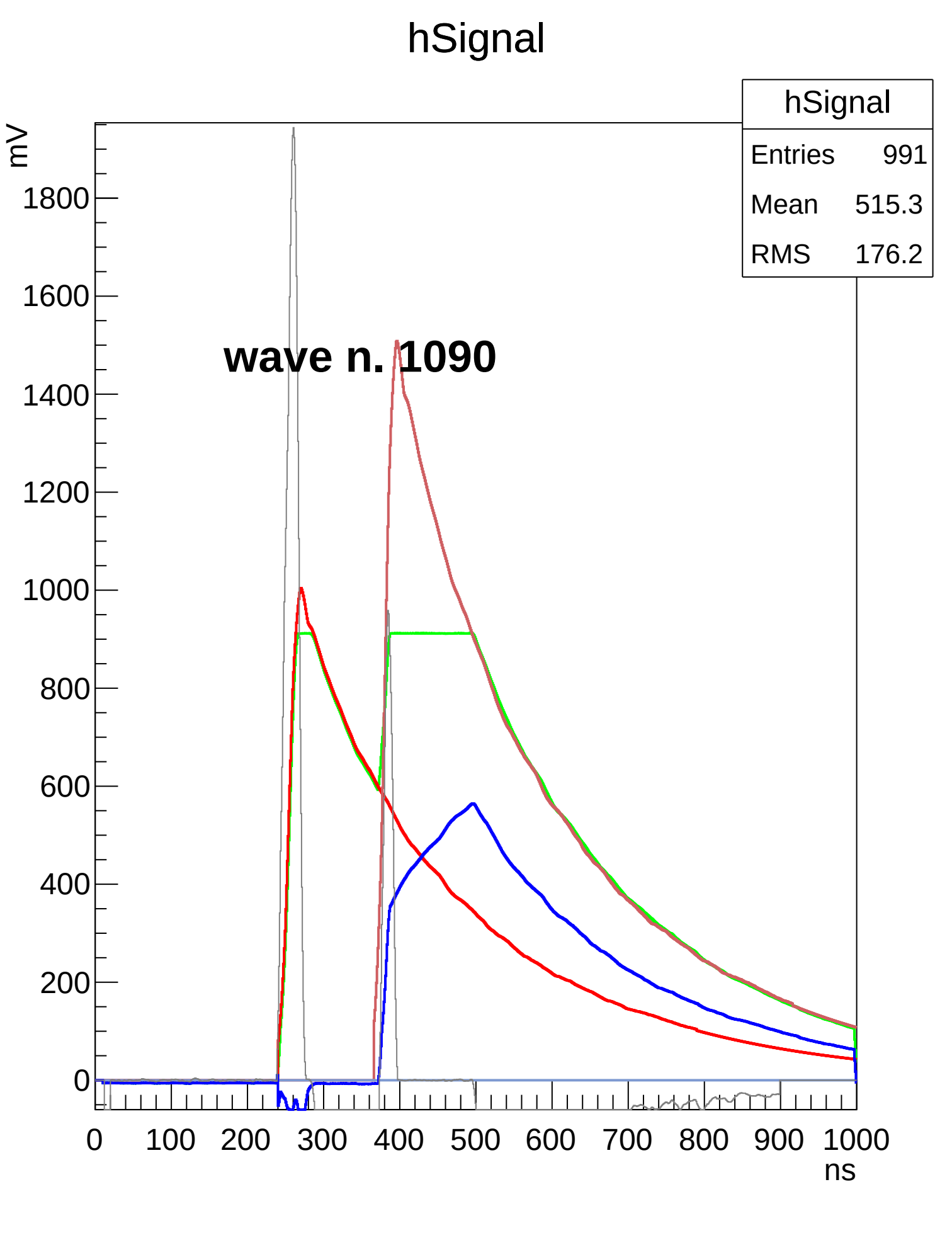
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hSignal
Entries 991
Mean 515.3
RMS 176.2
wave n. 1090
mV
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1400
1200
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400
200
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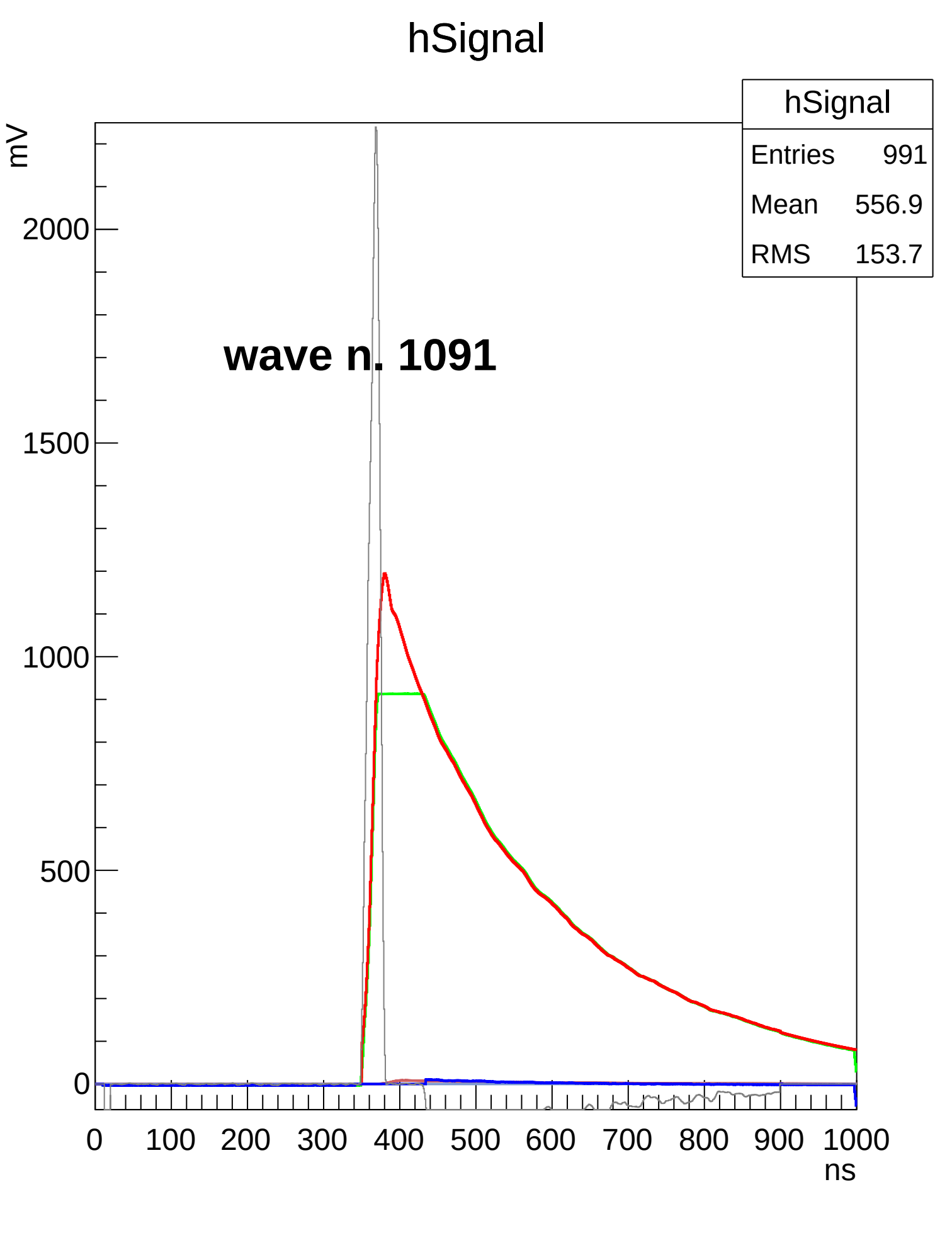
ns


hSignal
hSignal
Entries 991
Mean 556.9
RMS 153.7
wave n. 1091
mV
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1500
1000
500
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0
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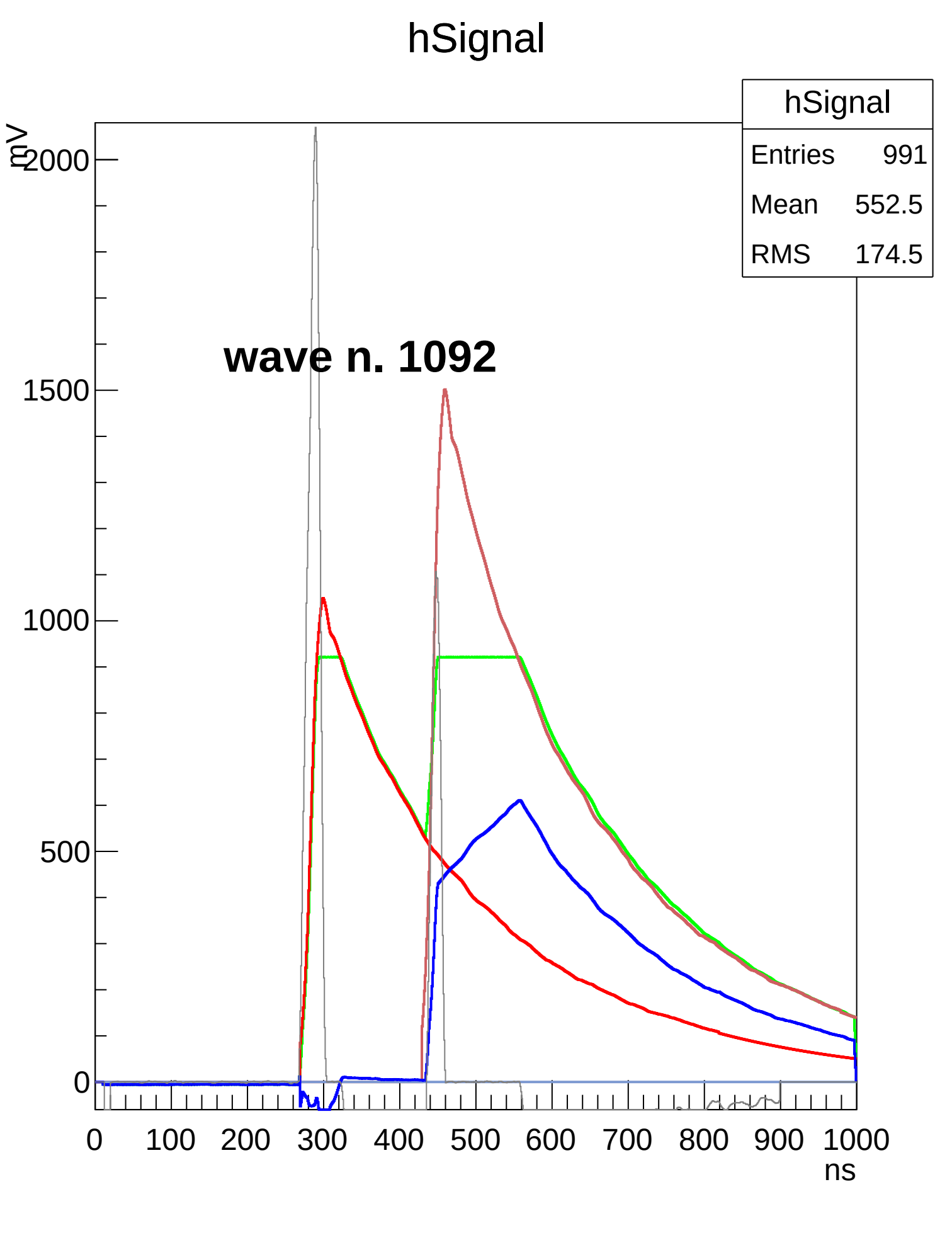
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.5
RMS 174.5
wave n. 1092
mV
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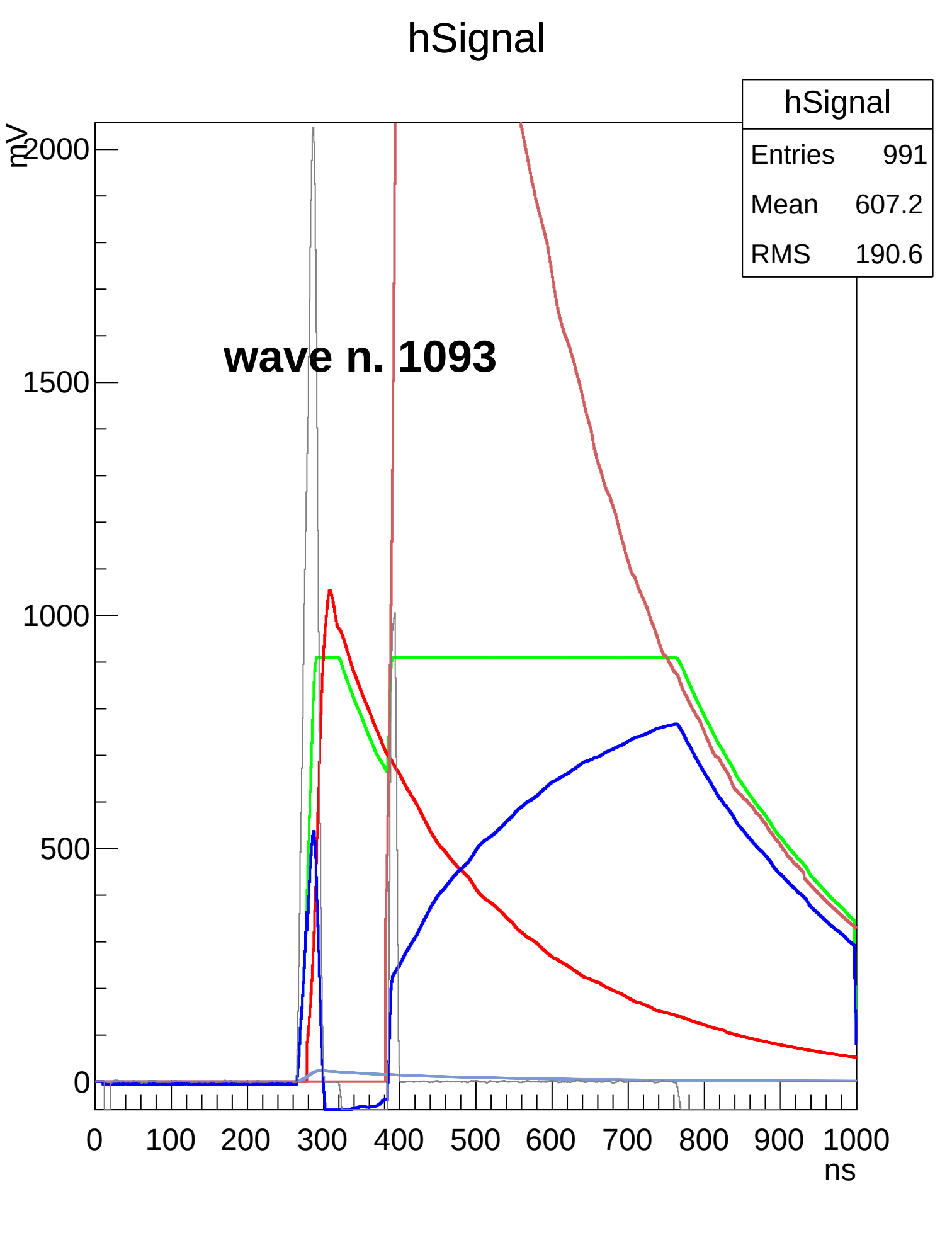
hSignal
hSignal
Entries 991
Mean 607.2
RMS 190.6
wave n. 1093
mV
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1000
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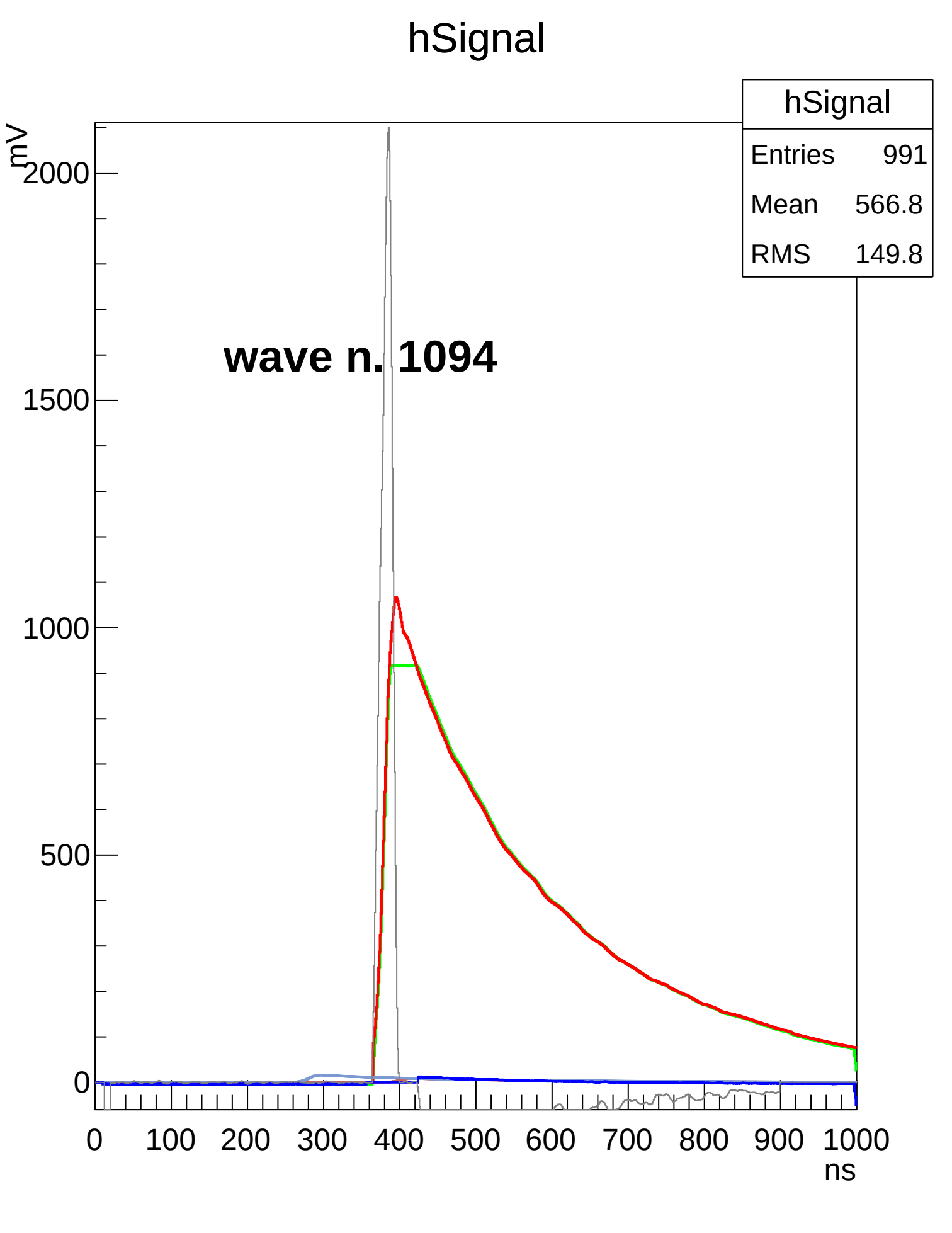
hSignal
hSignal
Entries 991
Mean 566.8
RMS 149.8
wave n. 1094
mV
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1000
500
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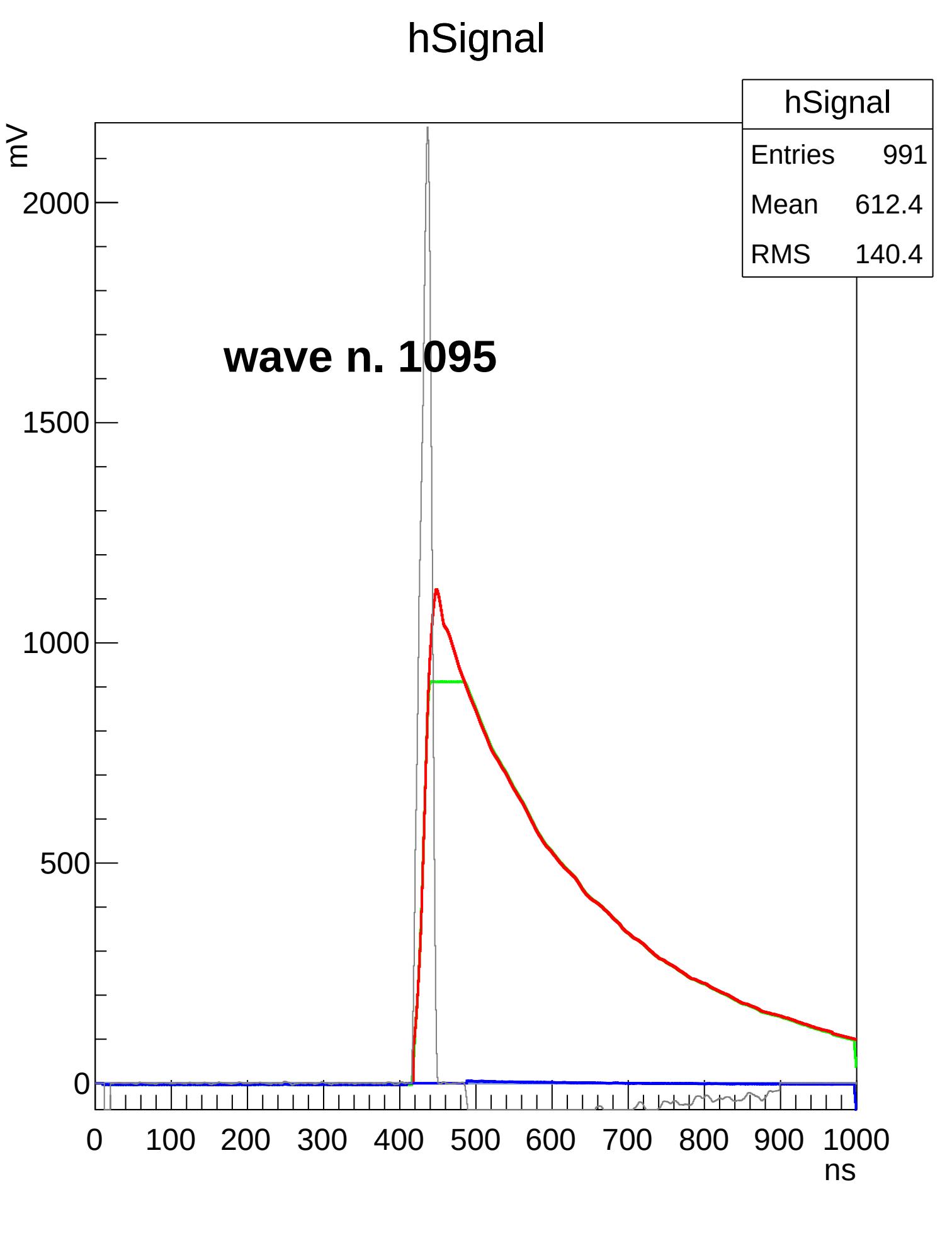
ns


hSignal
hSignal
Entries 991
Mean 612.4
RMS 140.4
wave n. 1095
mV
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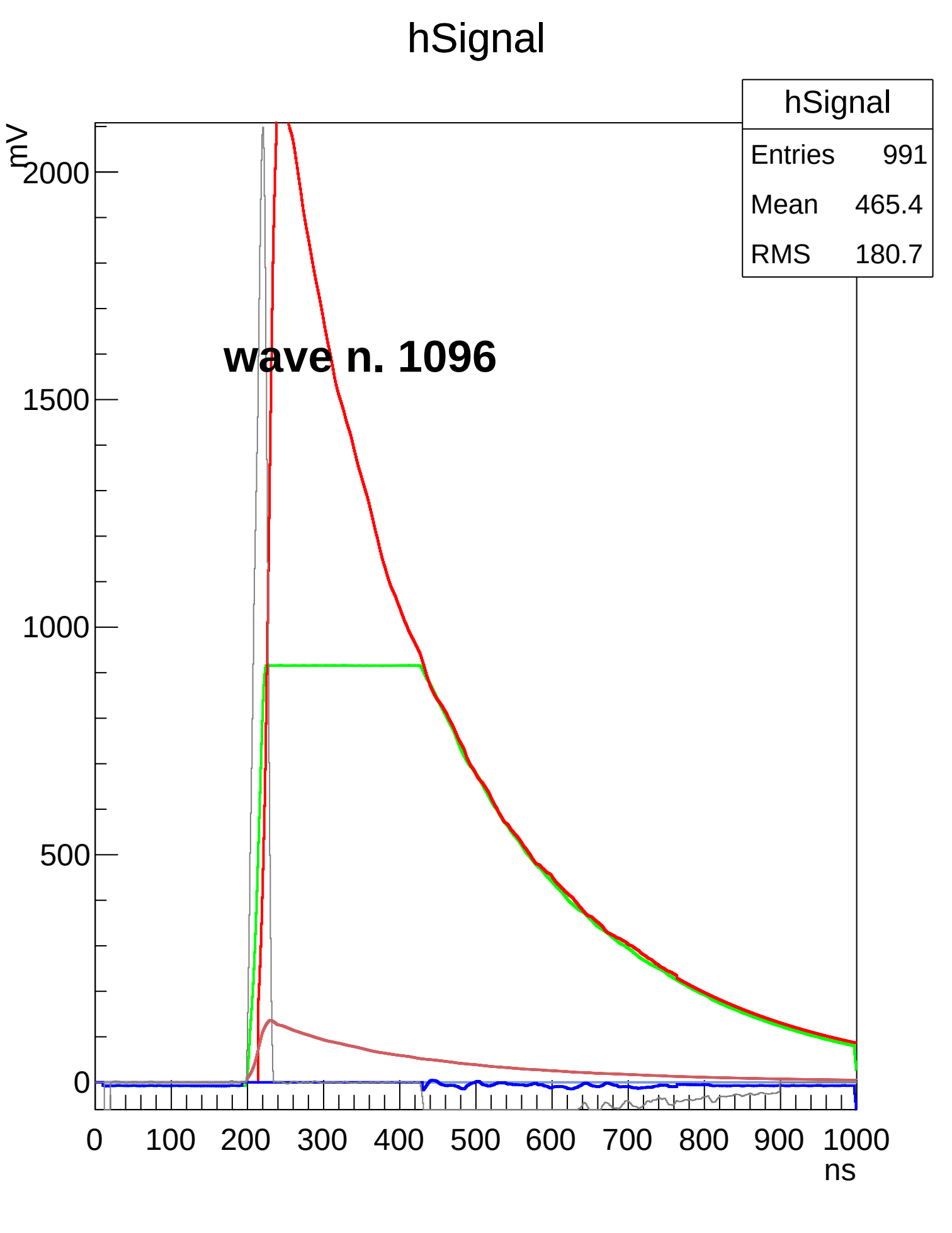
hSignal
hSignal
Entries 991
Mean 465.4
RMS 180.7
wave n. 1096
mV
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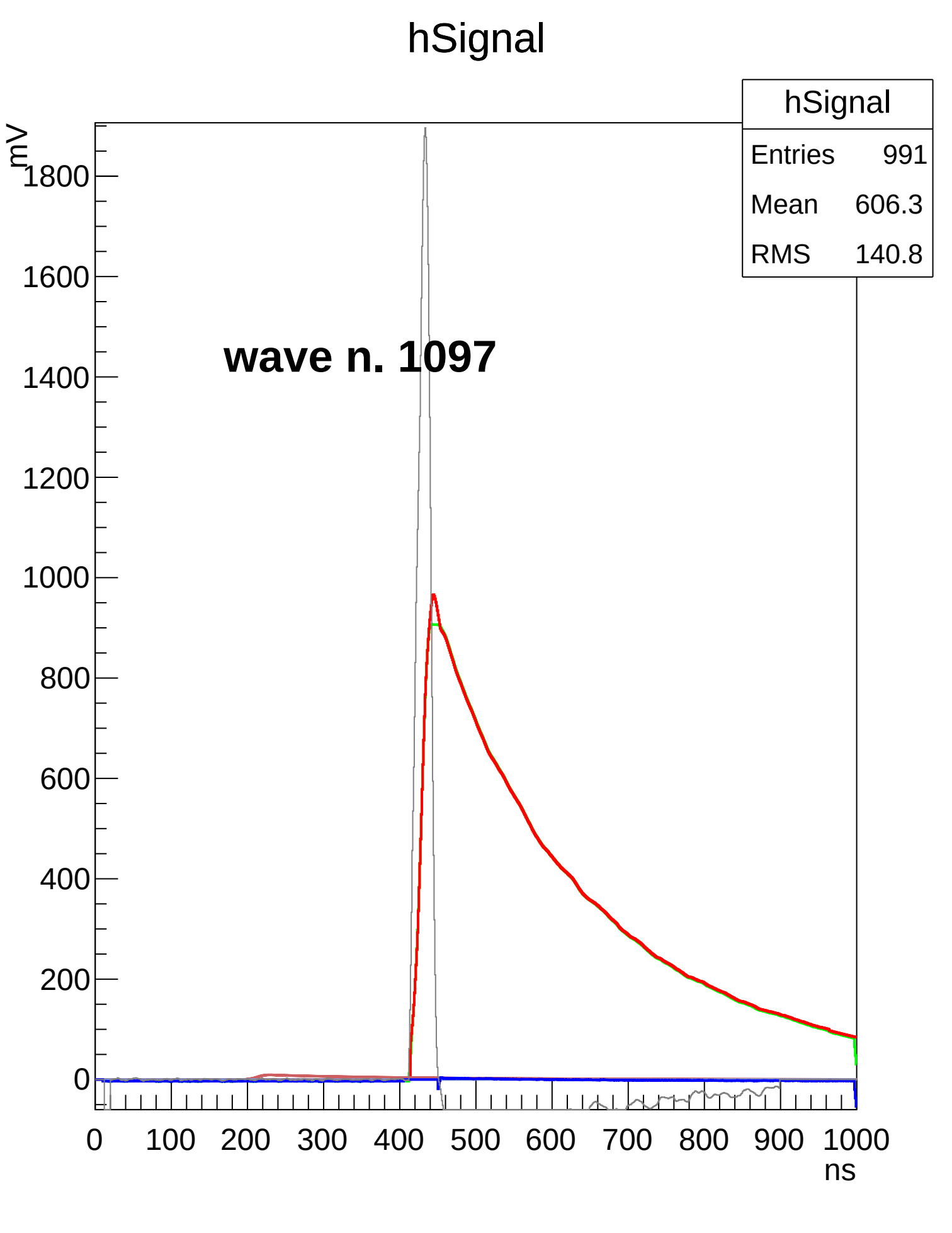
1000
ns


hSignal
hSignal
Entries 991
Mean 606.3
RMS 140.8
wave n. 1097
mV
1800
1600
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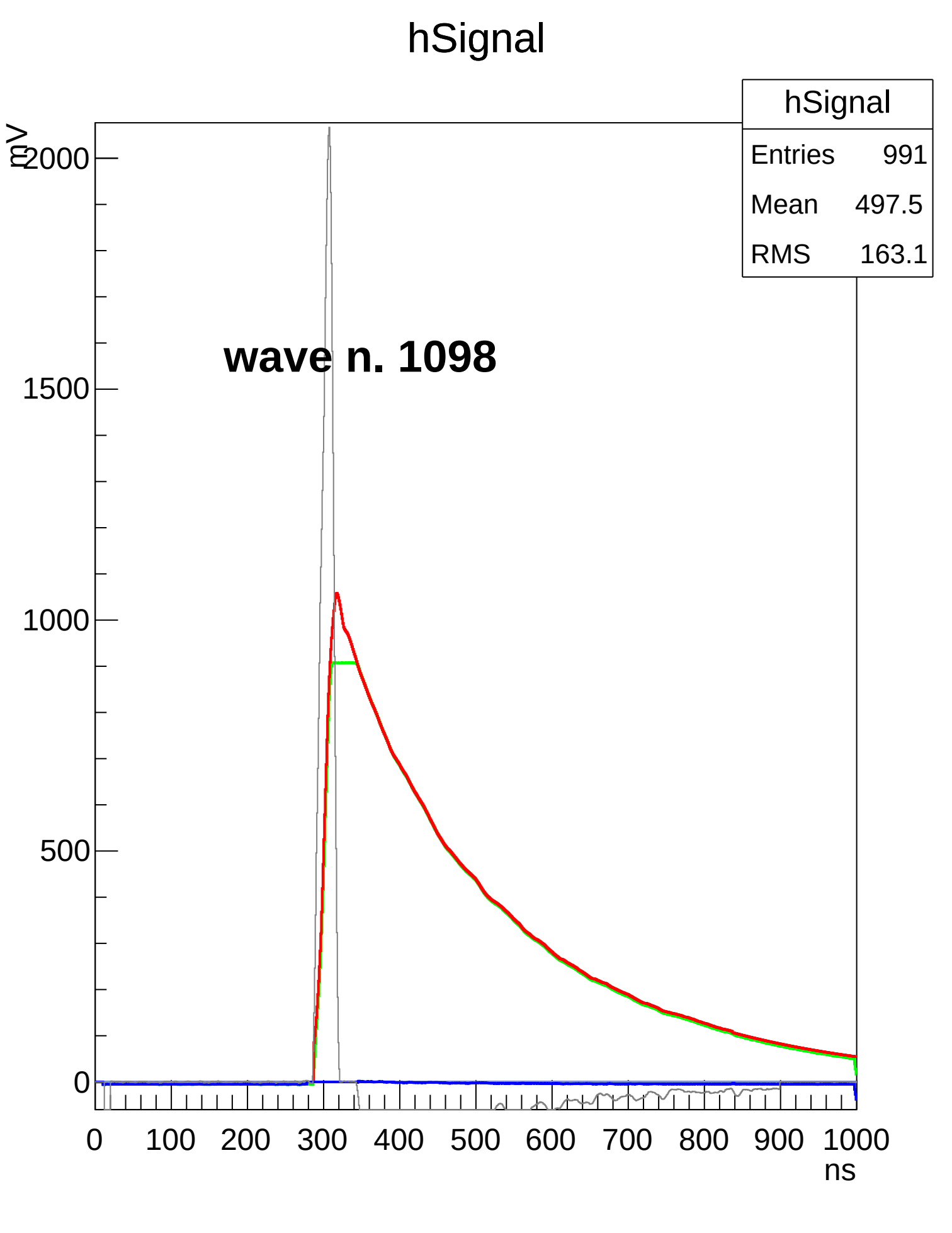
ns


hSignal
hSignal
Entries 991
Mean 497.5
RMS 163.1
wave n. 1098
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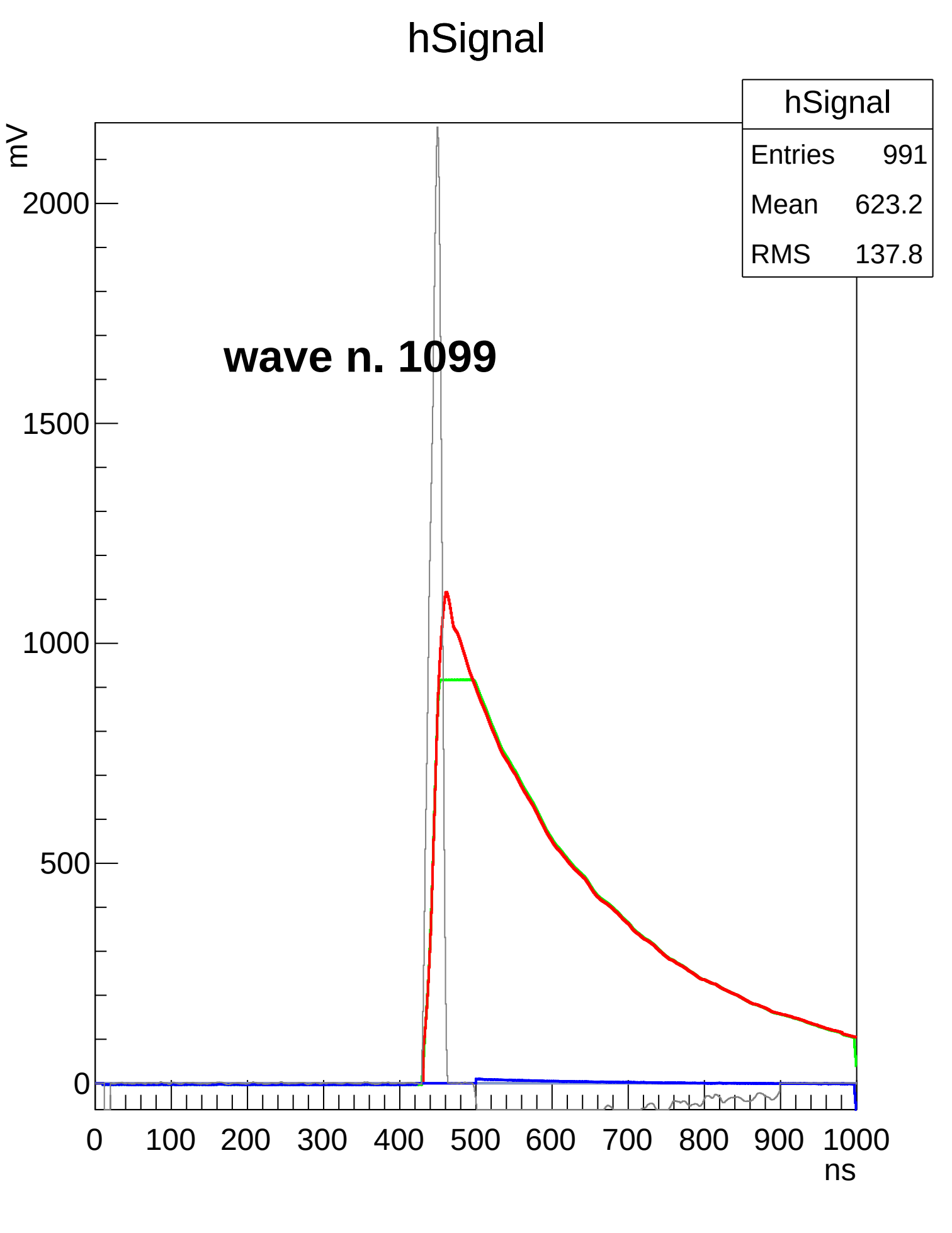
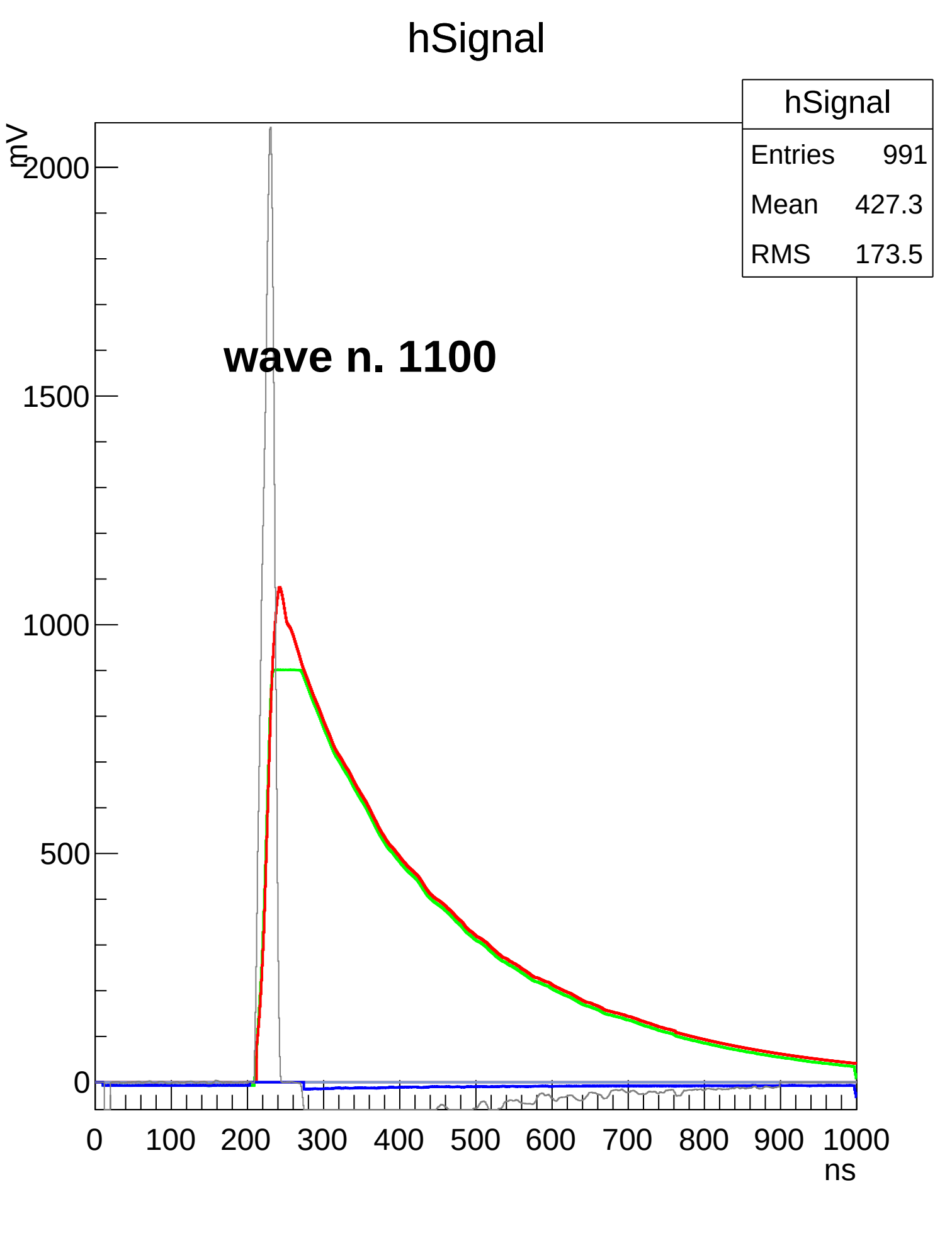
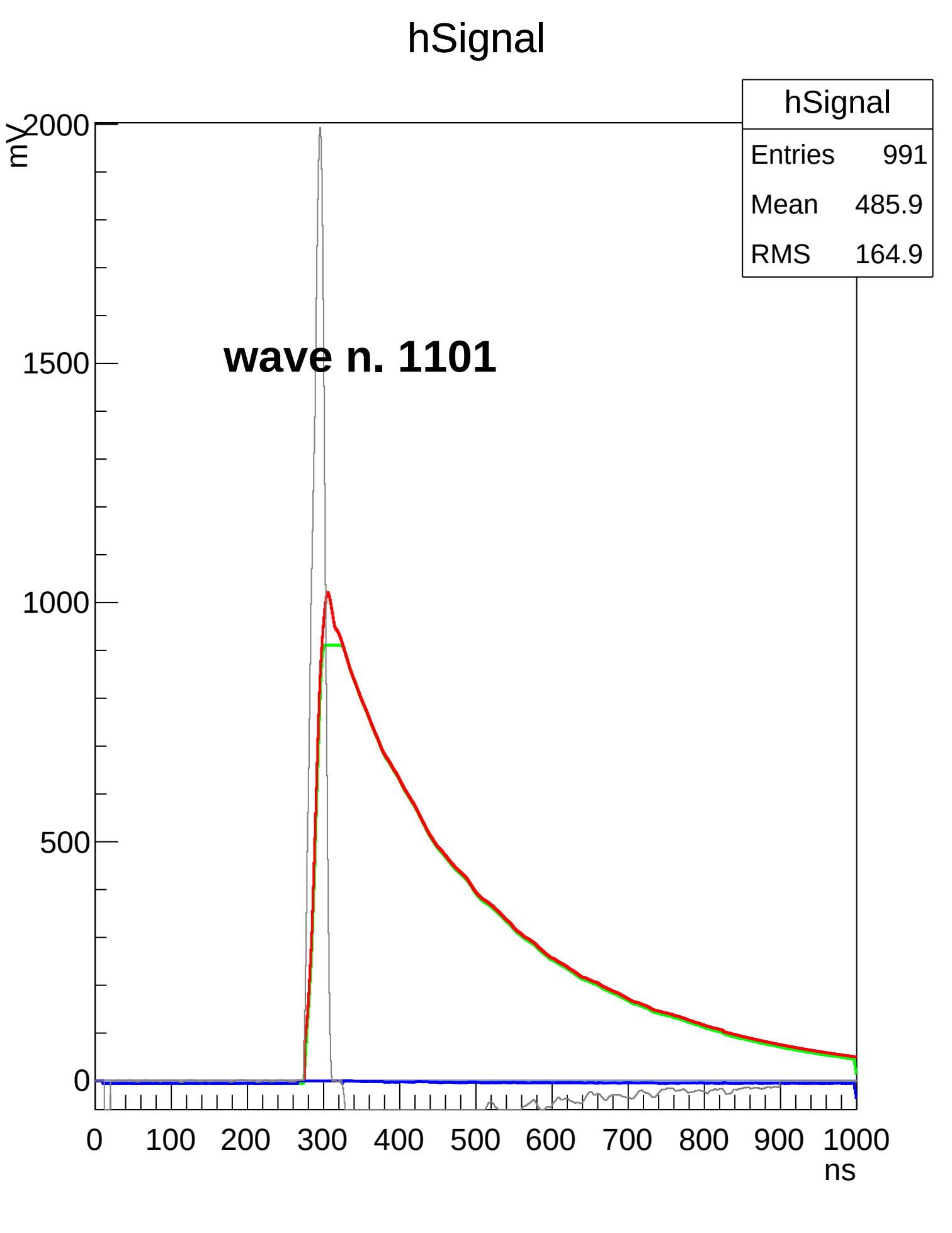
1000
ns


hSignal
hSignal
Entries 991
Mean 623.2
RMS 137.8
wave n. 1099
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 427.3
RMS 173.5
wave n. 1100
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485.9
RMS 164.9
wave n. 1101
mV
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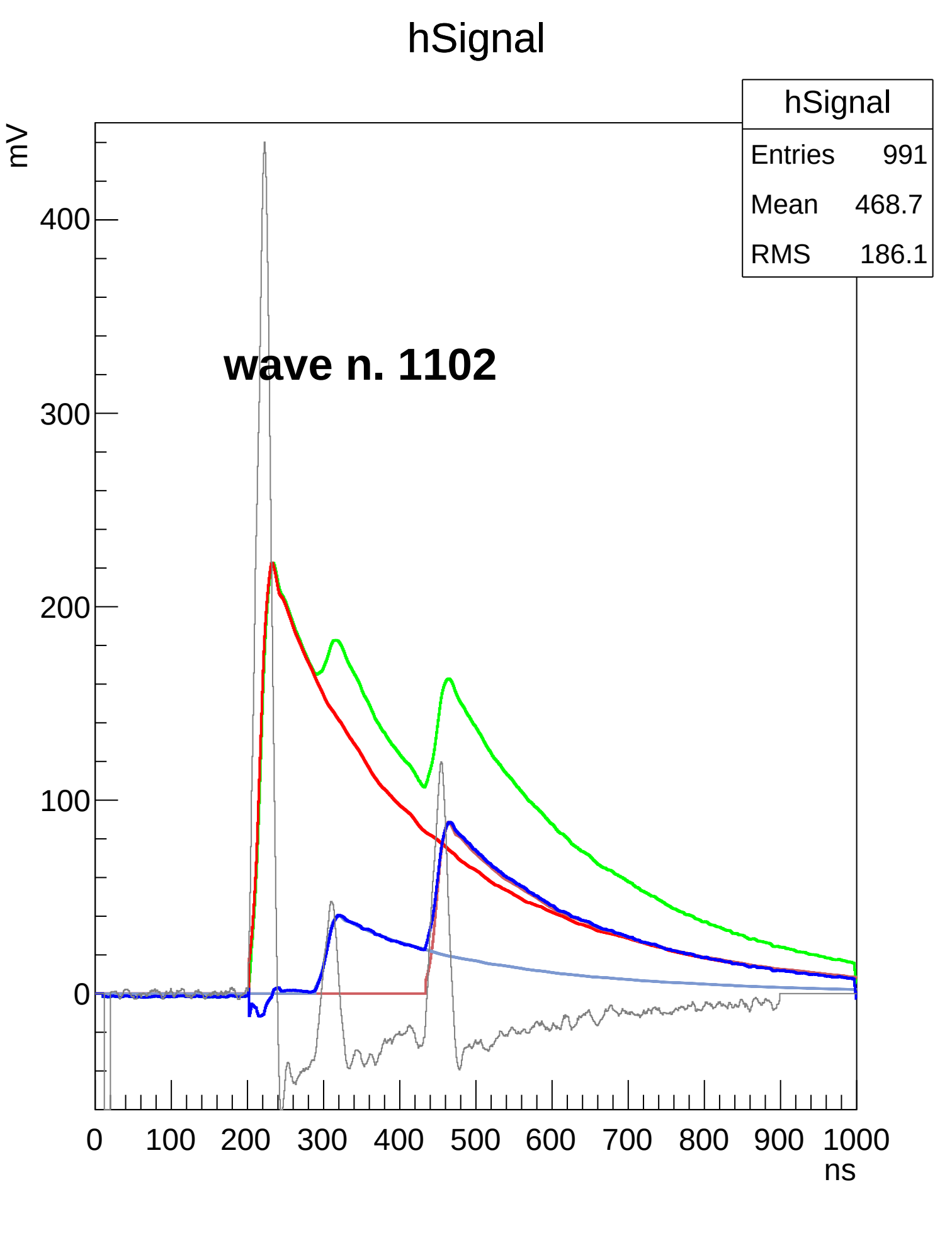
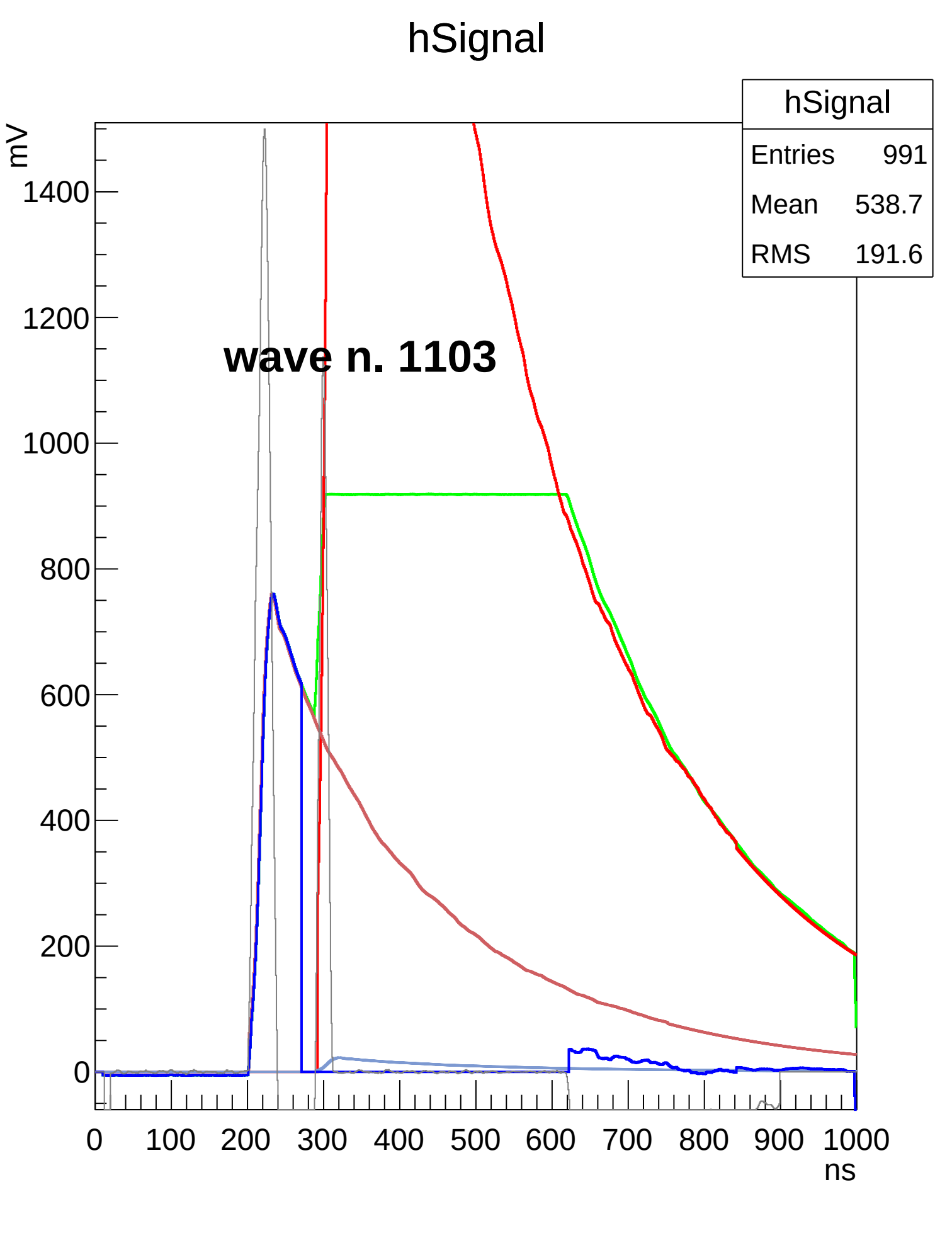
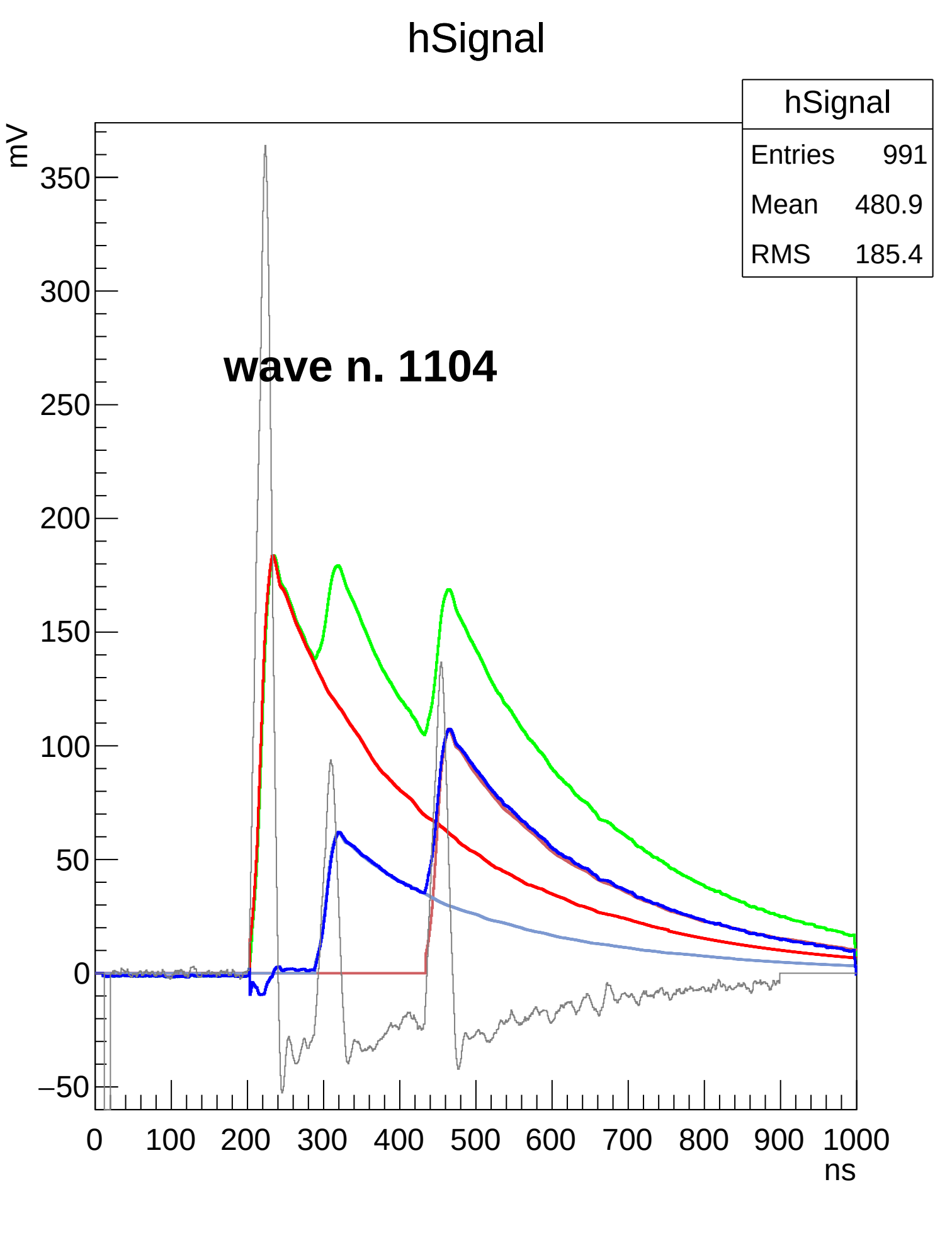
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 468.7
RMS 186.1
wave n. 1102
mV
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 538.7
RMS 191.6
wave n. 1103
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 480.9
RMS 185.4
wave n. 1104
mV
350
300
250
200
150
100
50
0
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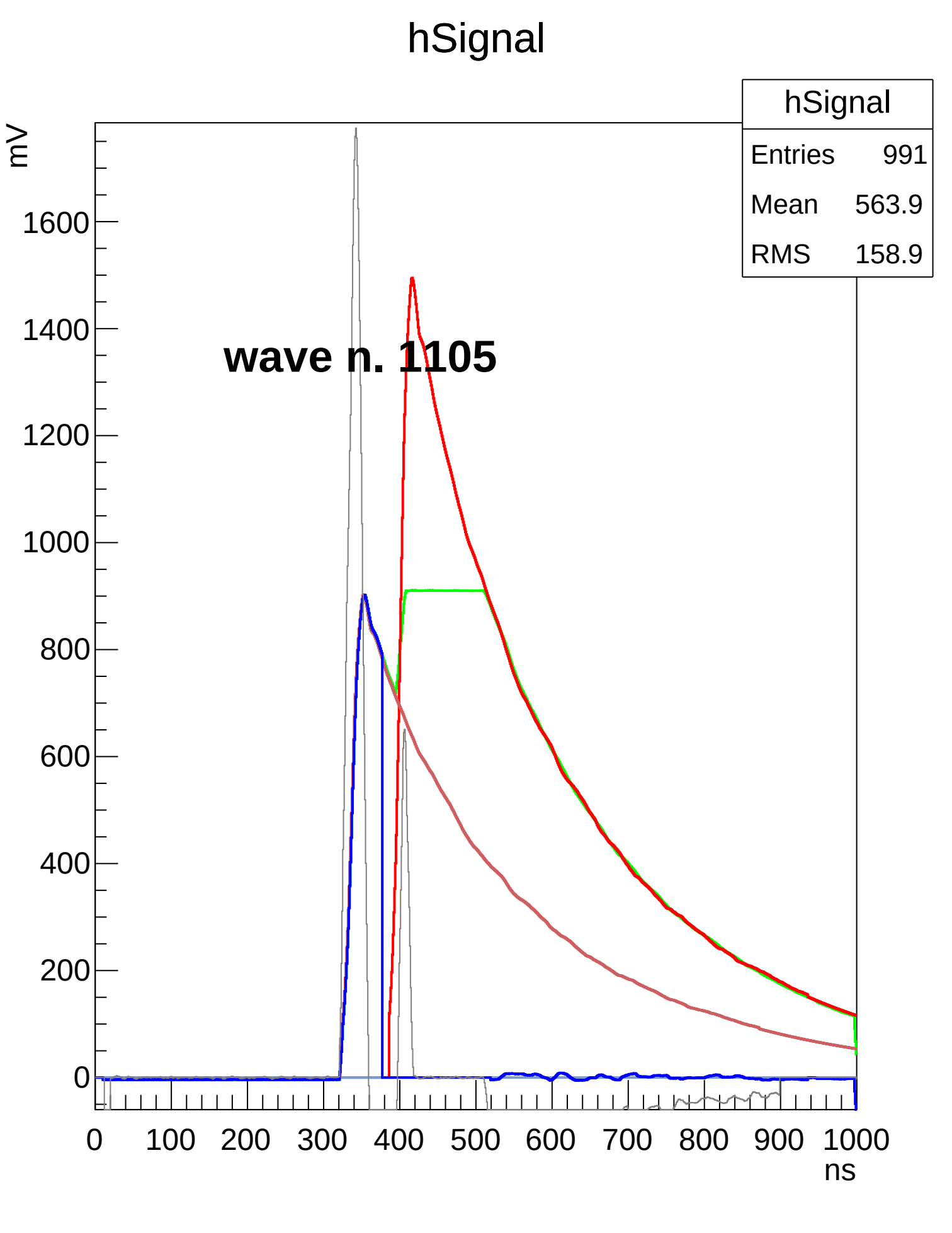
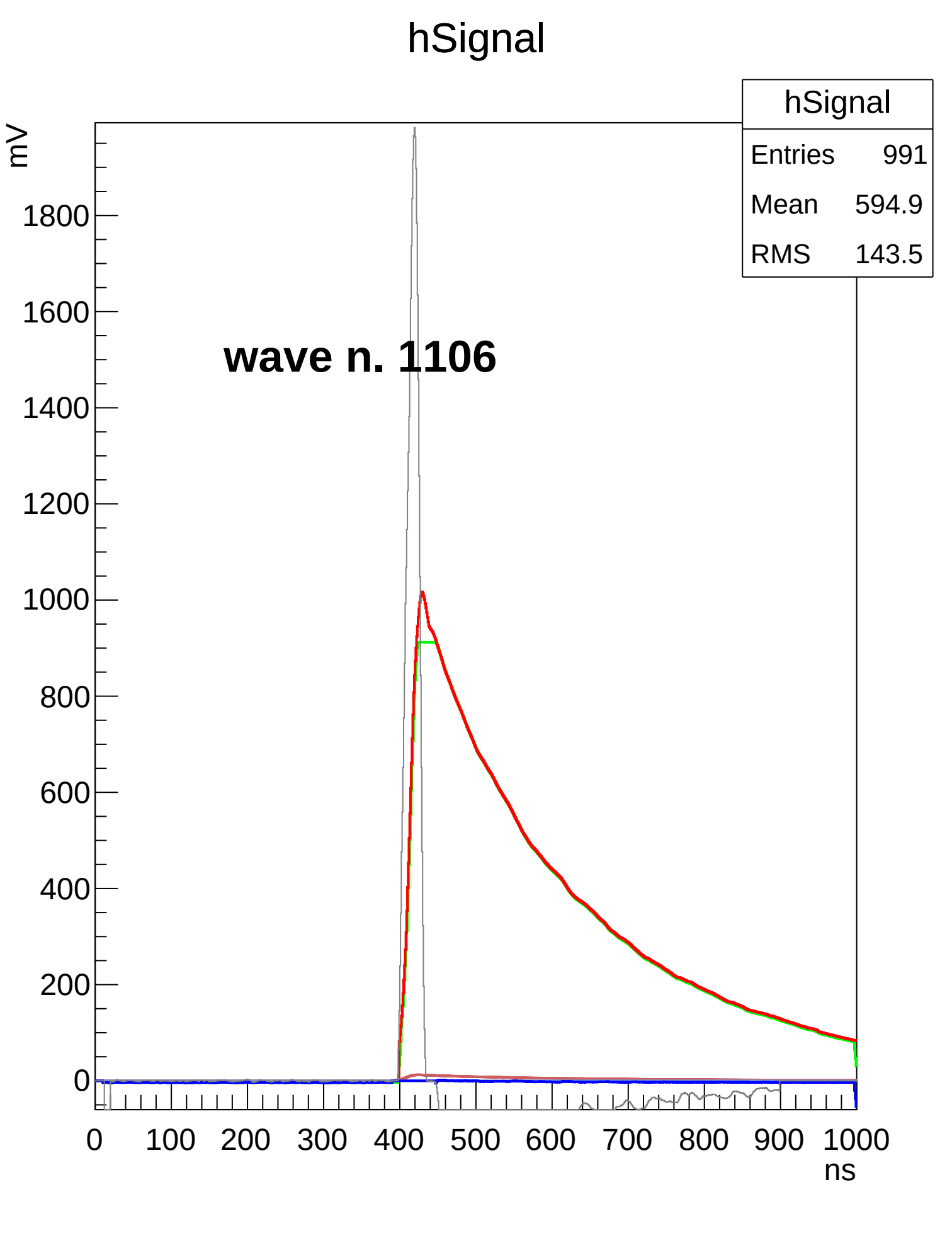
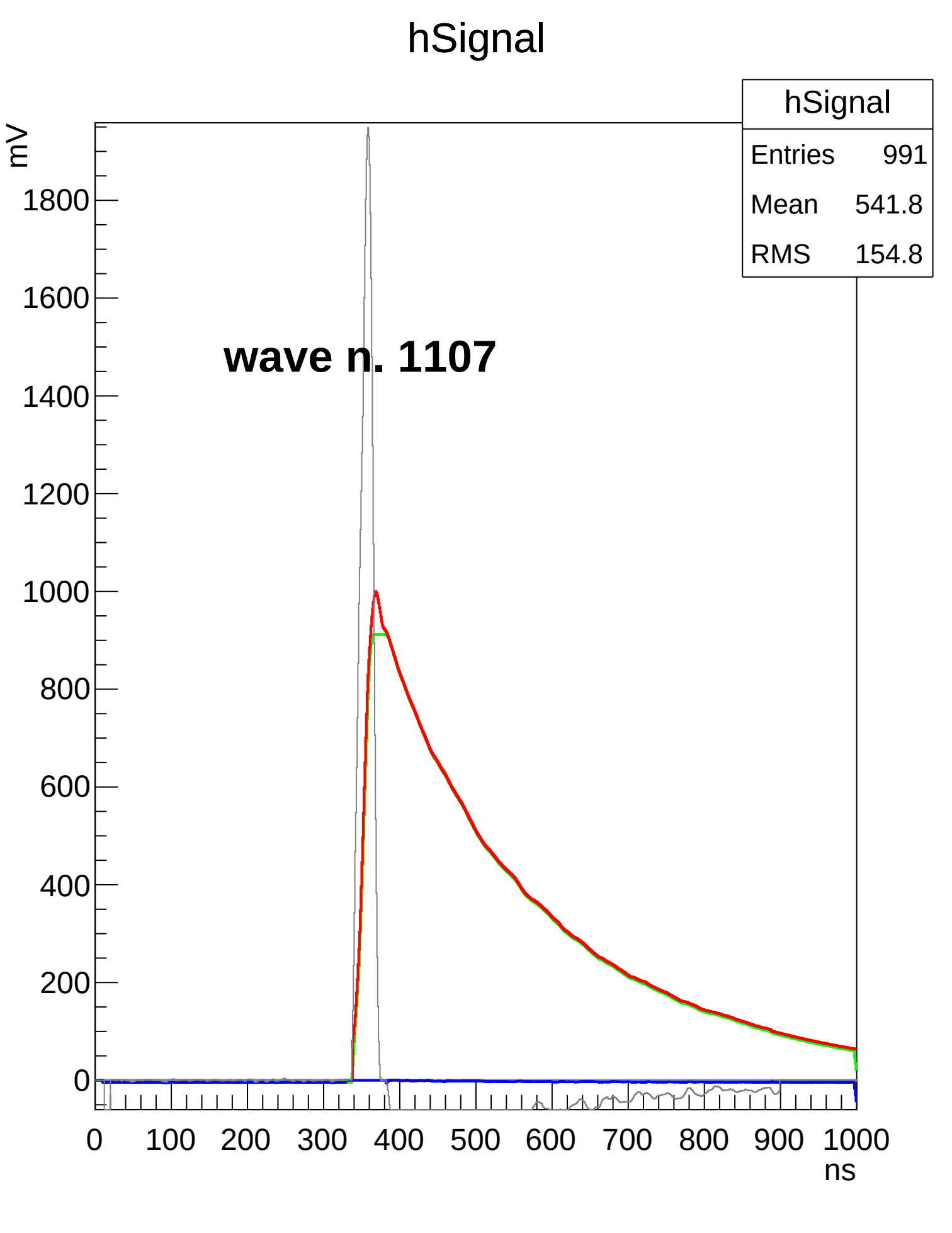
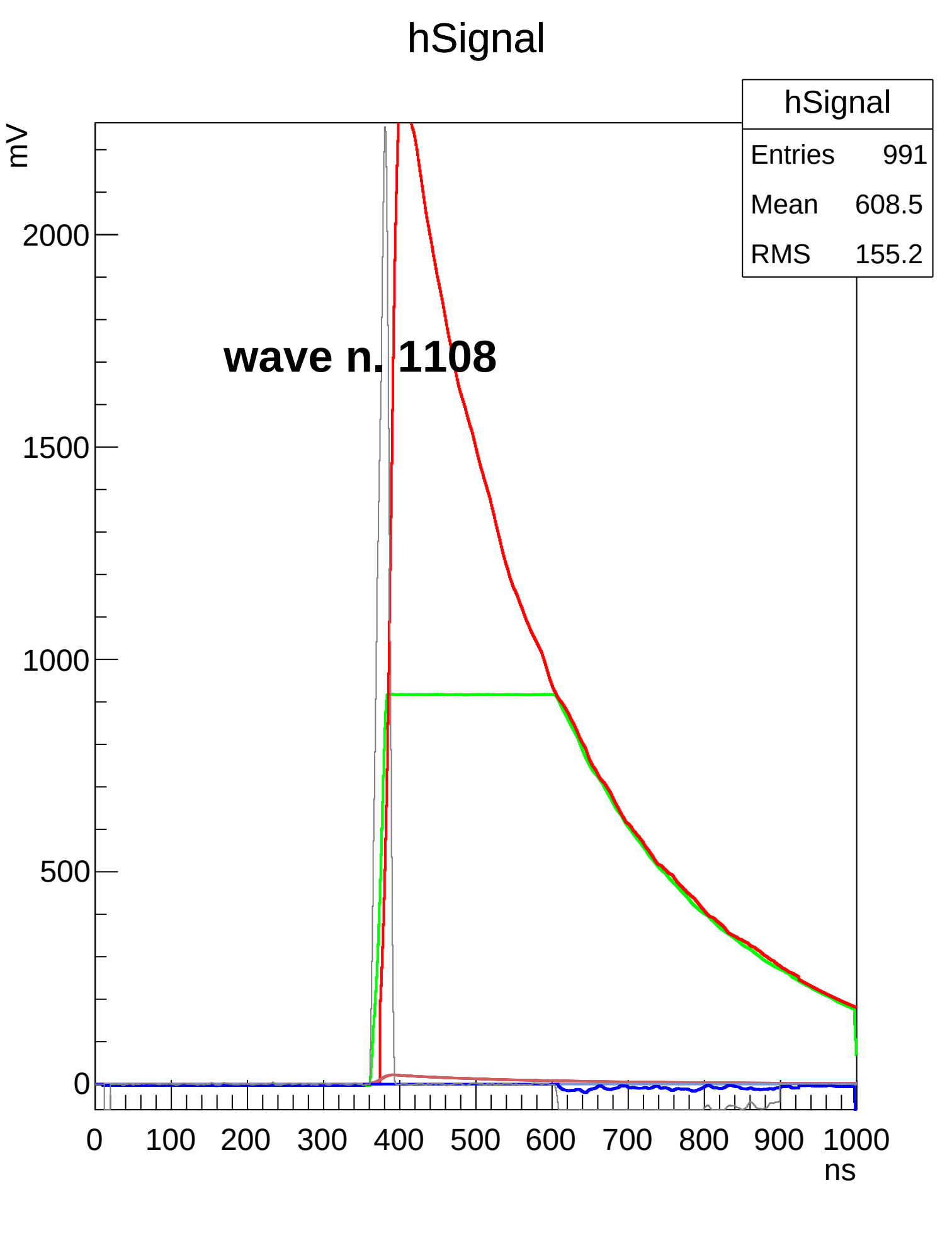
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 563.9
RMS 158.9
wave n. 1105
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 594.9
RMS 143.5
wave n. 1106
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 541.8
RMS 154.8
wave n. 1107
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 608.5
RMS 155.2
wave n. 1108
mV
2000
1500
1000
500
0
0
100
200
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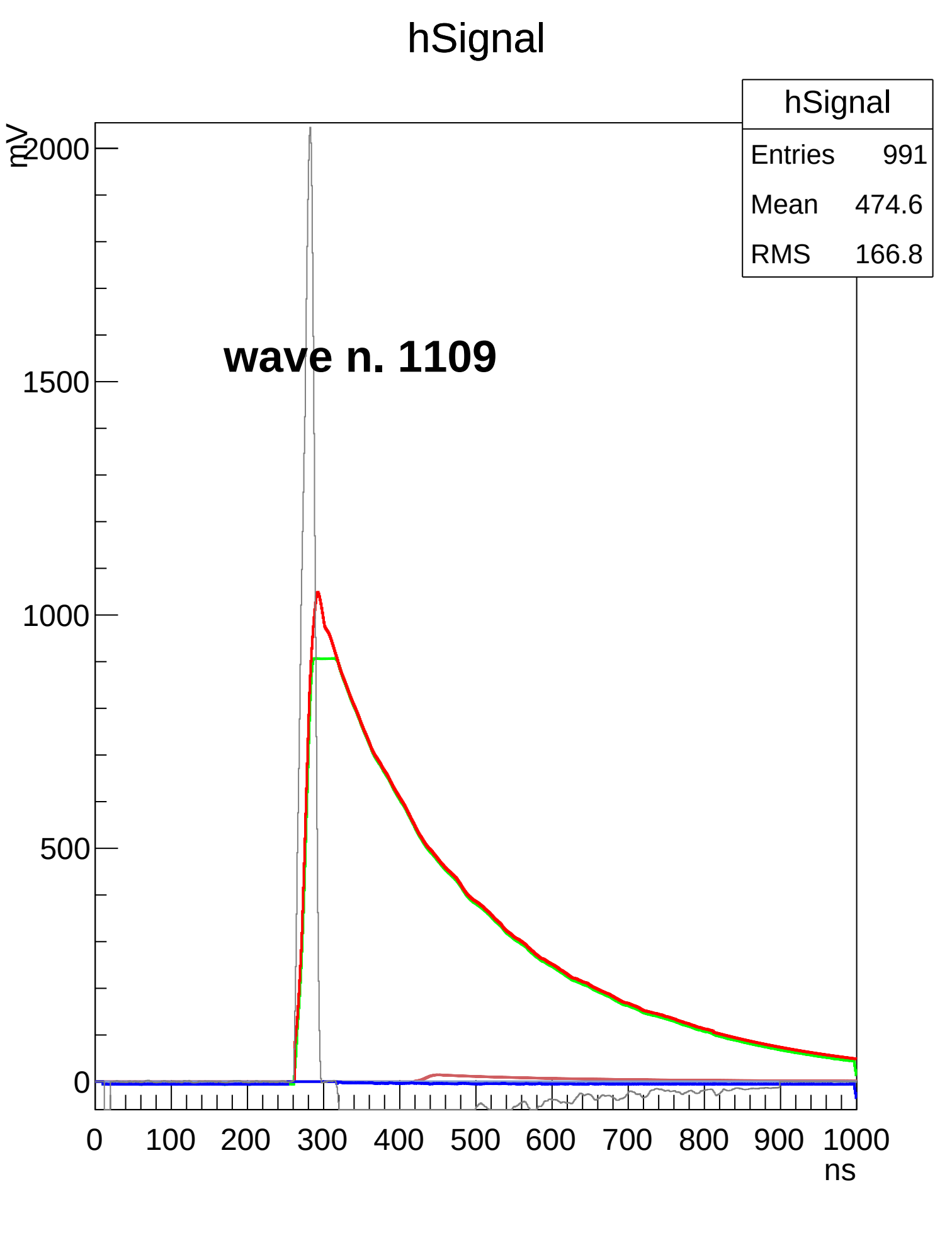
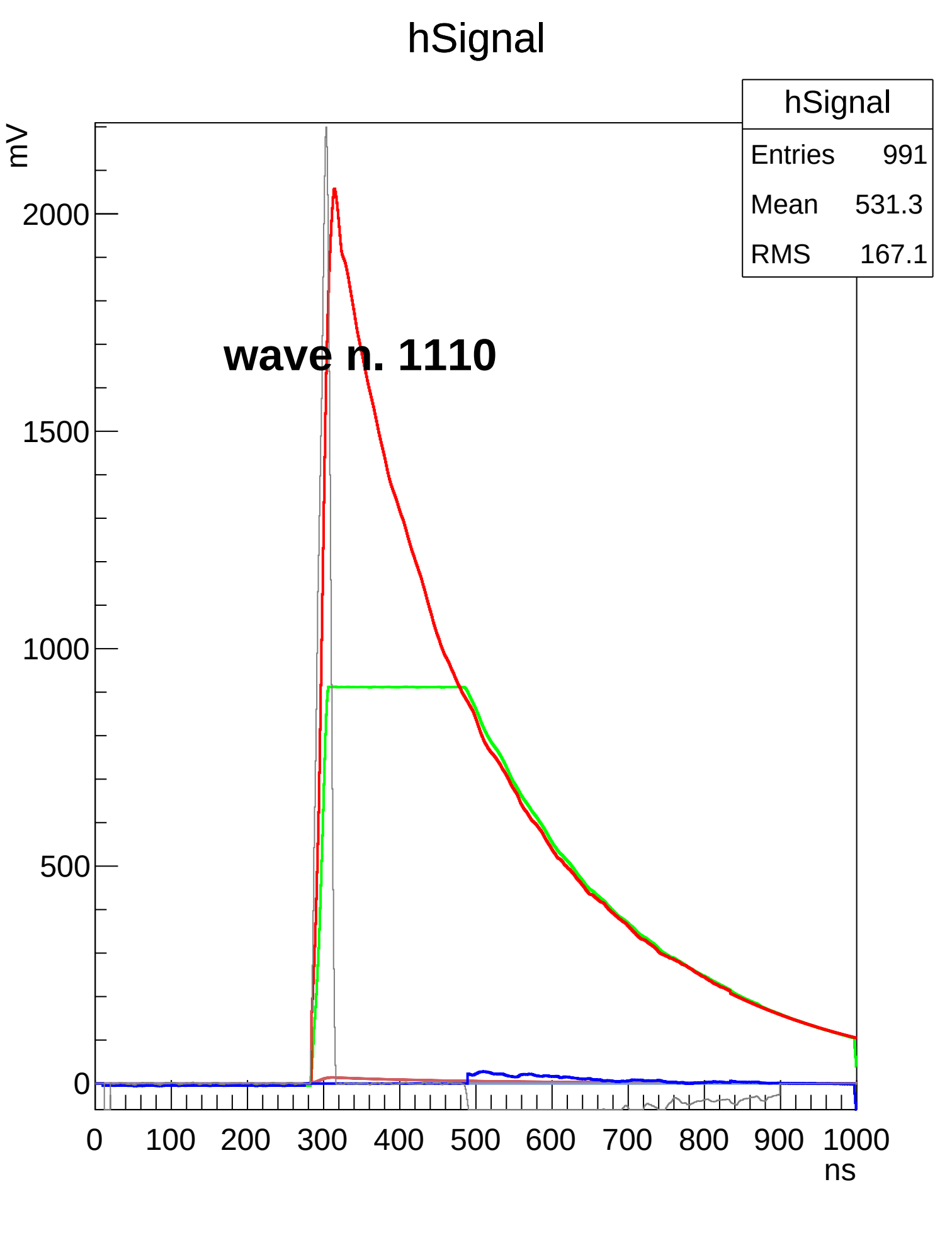
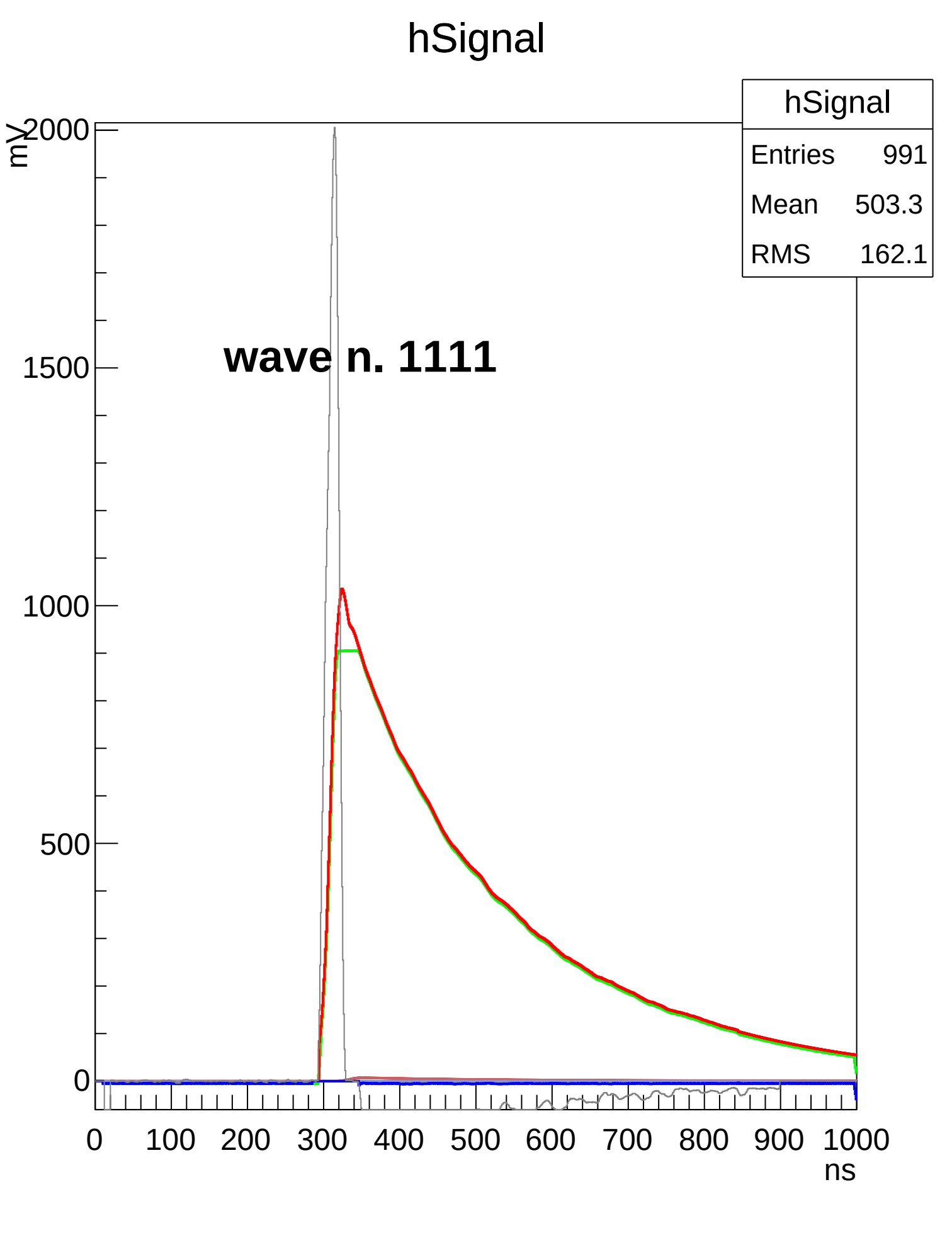
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 474.6
RMS 166.8
wave n. 1109
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 531.3
RMS 167.1
wave n. 1110
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.3
RMS 162.1
wave n. 1111
mV
2000
1500
1000
500
0
0
100
200
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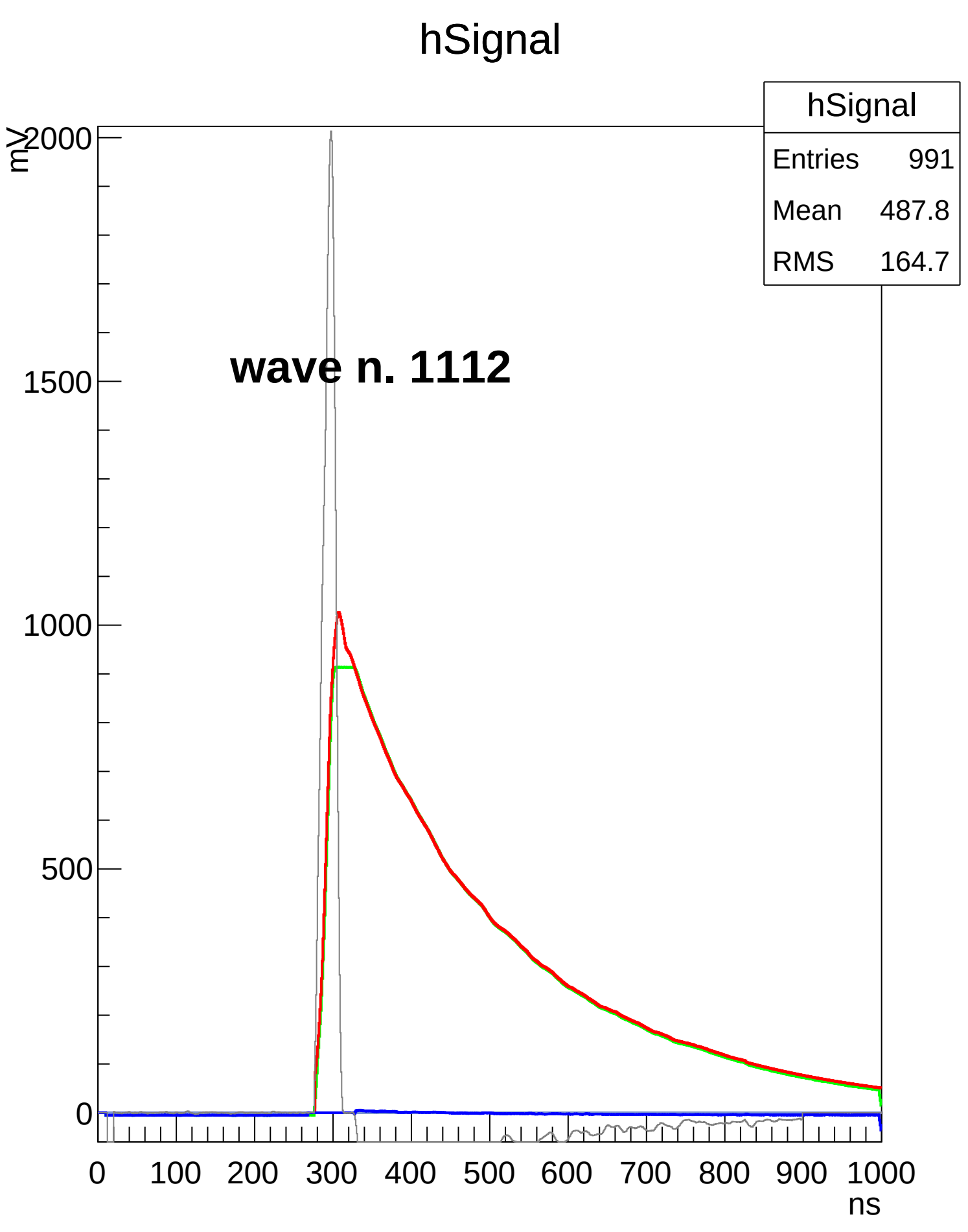
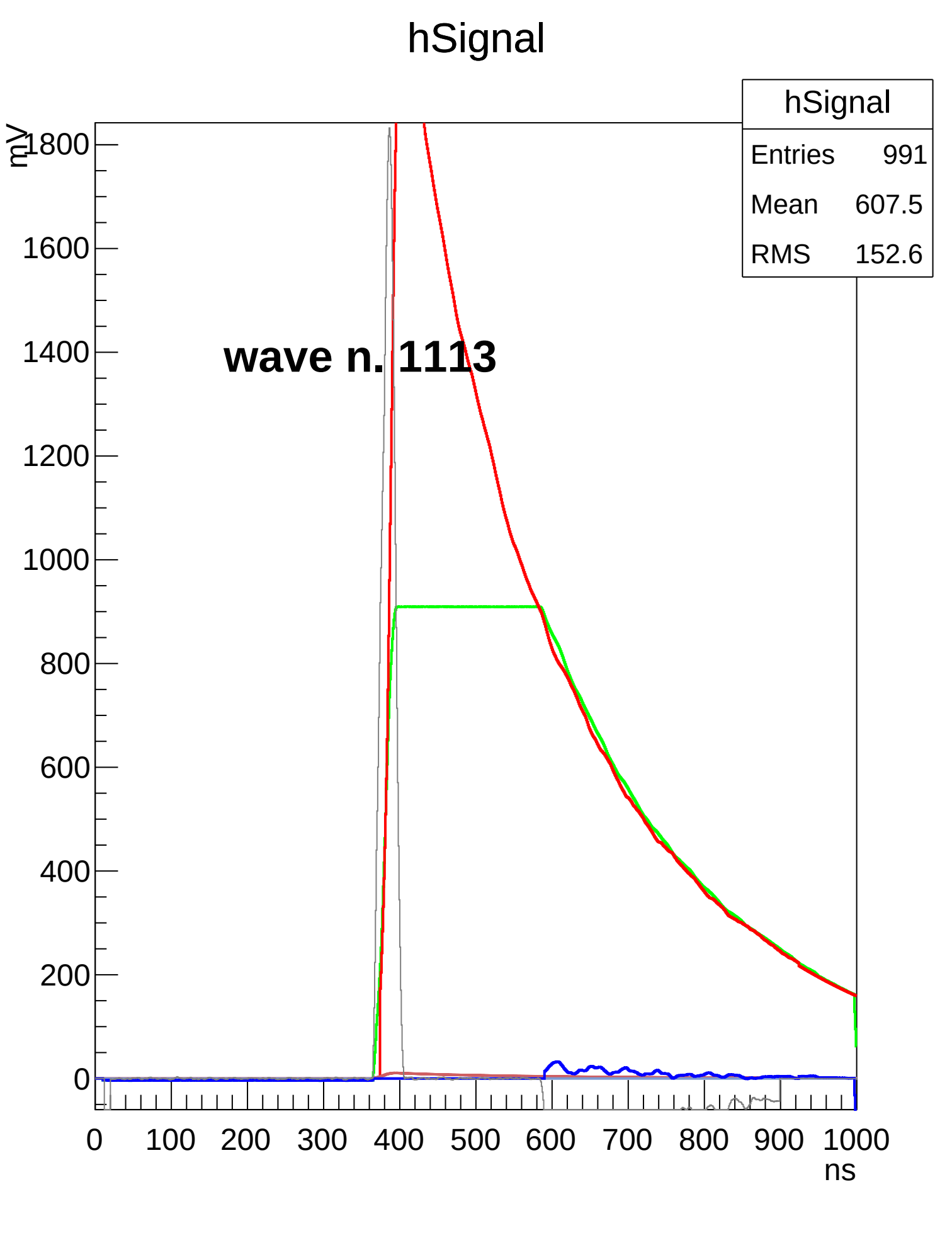
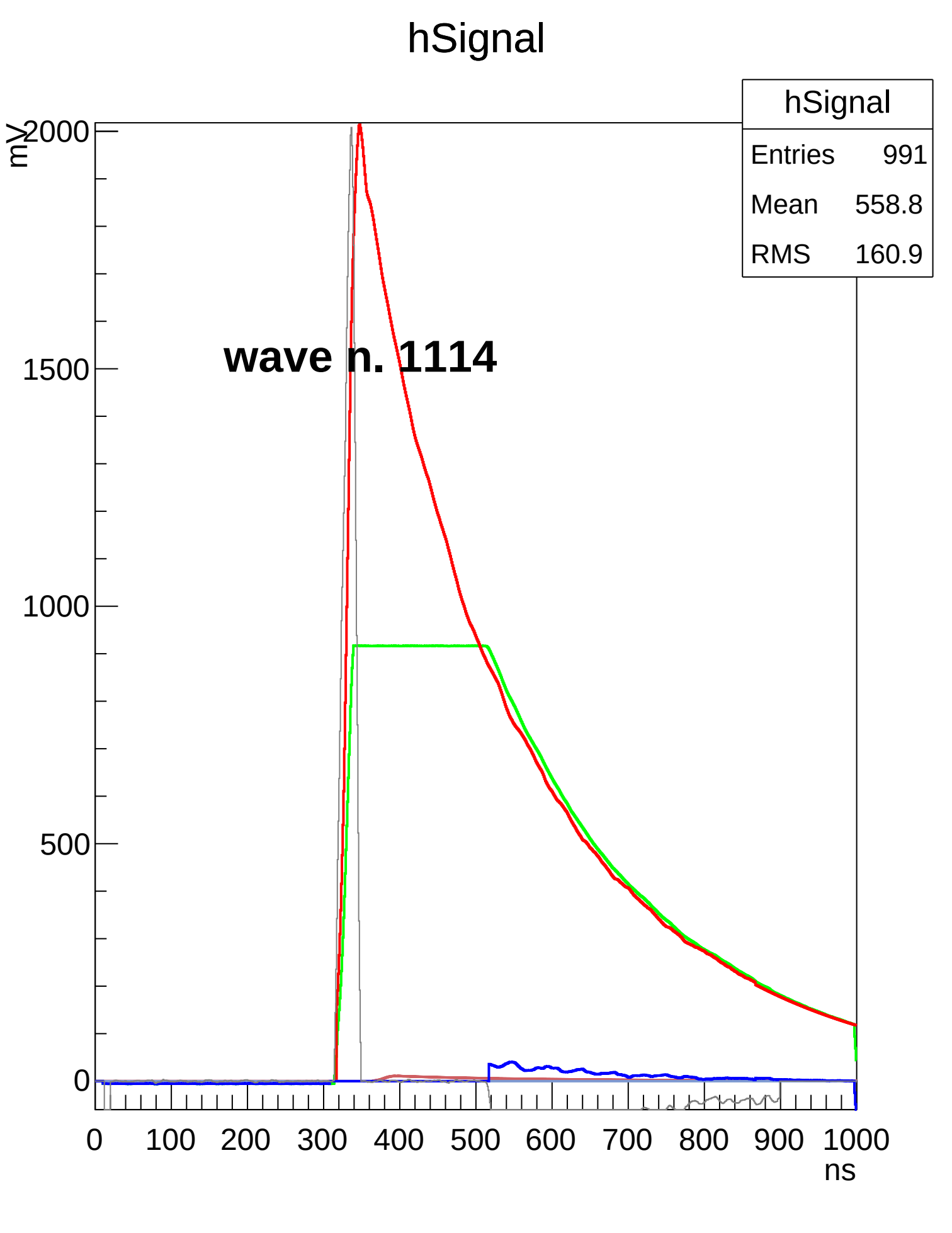
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 487.8
RMS 164.7
wave n. 1112
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 607.5
RMS 152.6
wave n. 1113
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 558.8
RMS 160.9
wave n. 1114
mV
2000
1500
1000
500
0
0
100
200
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400
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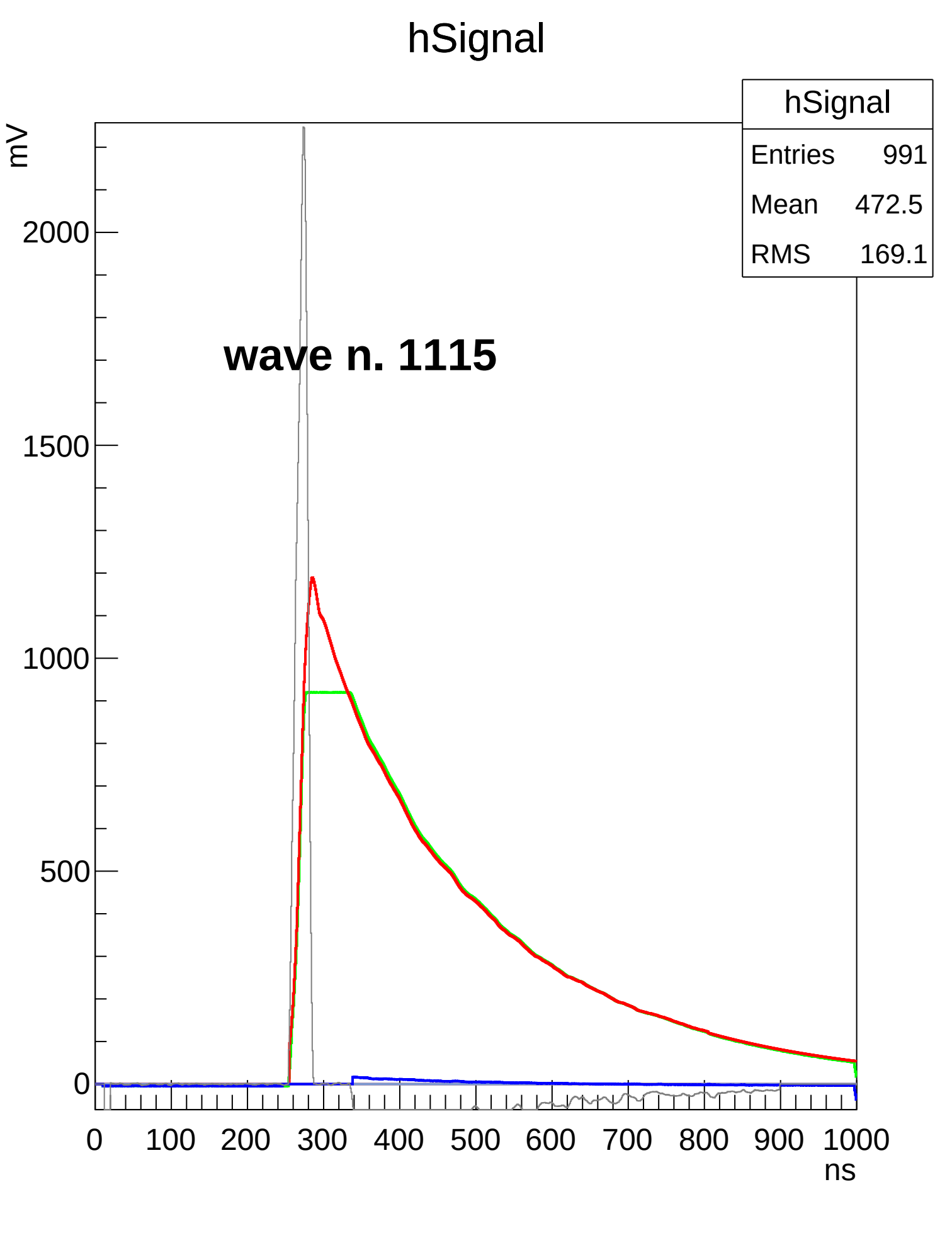
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 472.5
RMS 169.1
wave n. 1115
mV
2000
1500
1000
500
0
0
100
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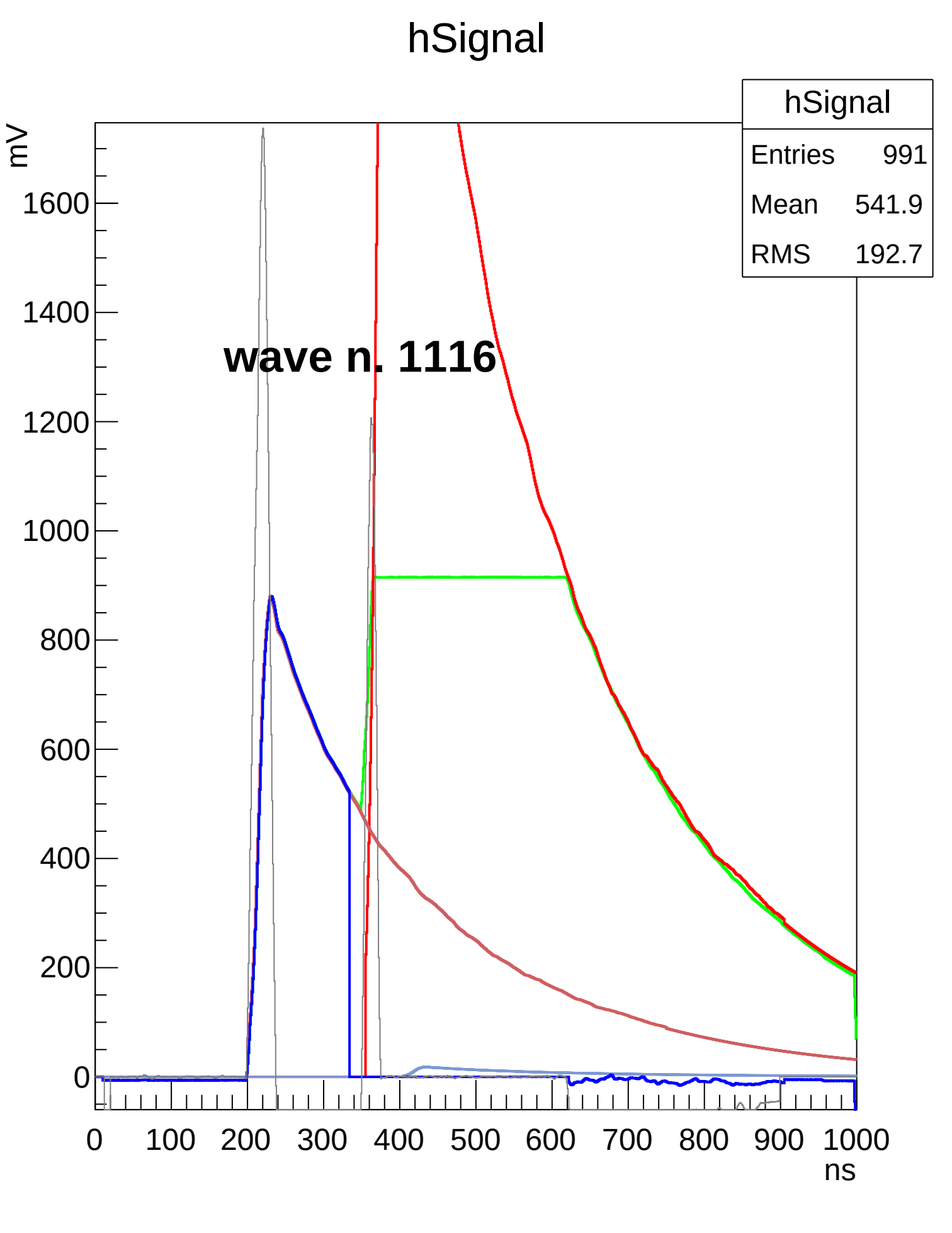
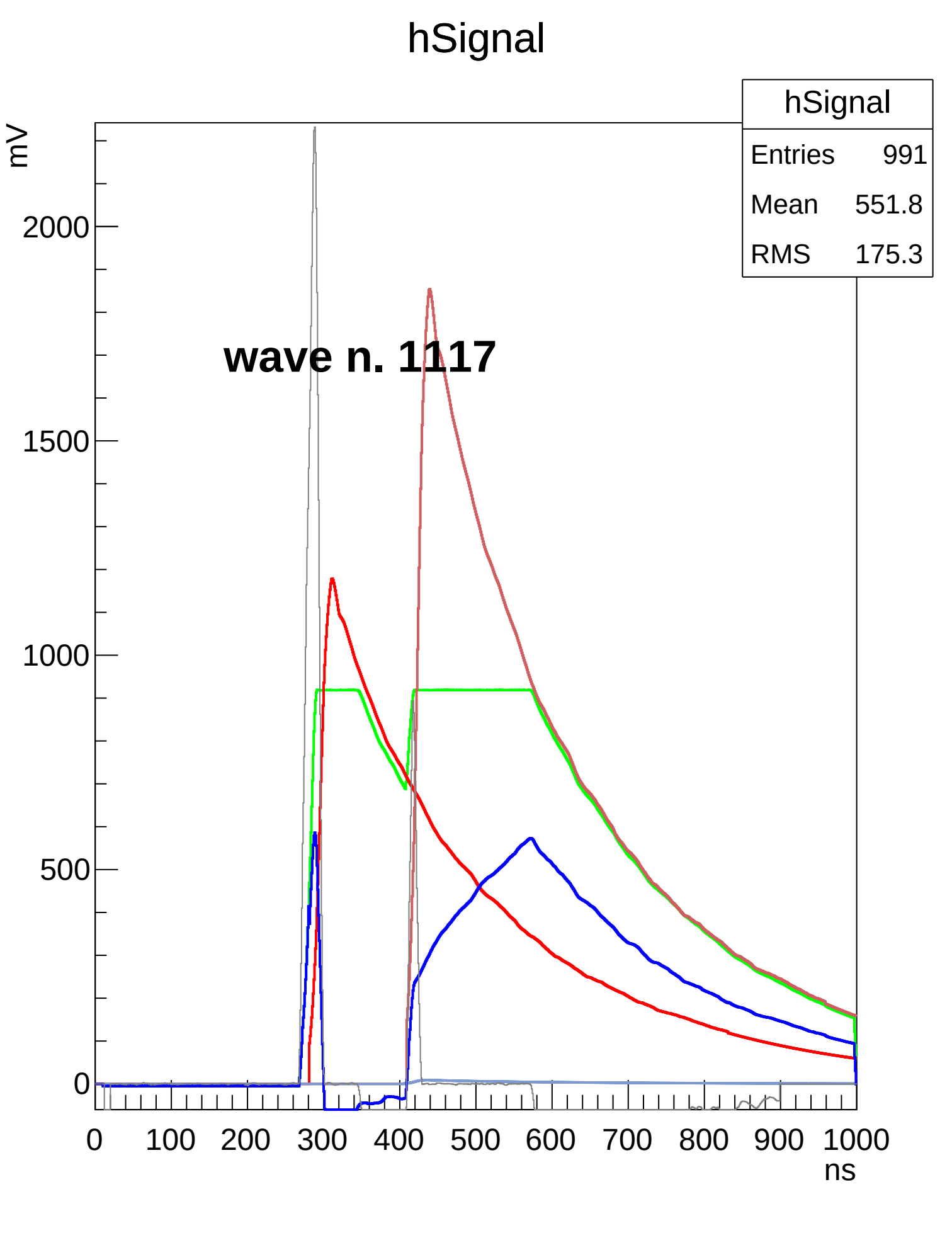
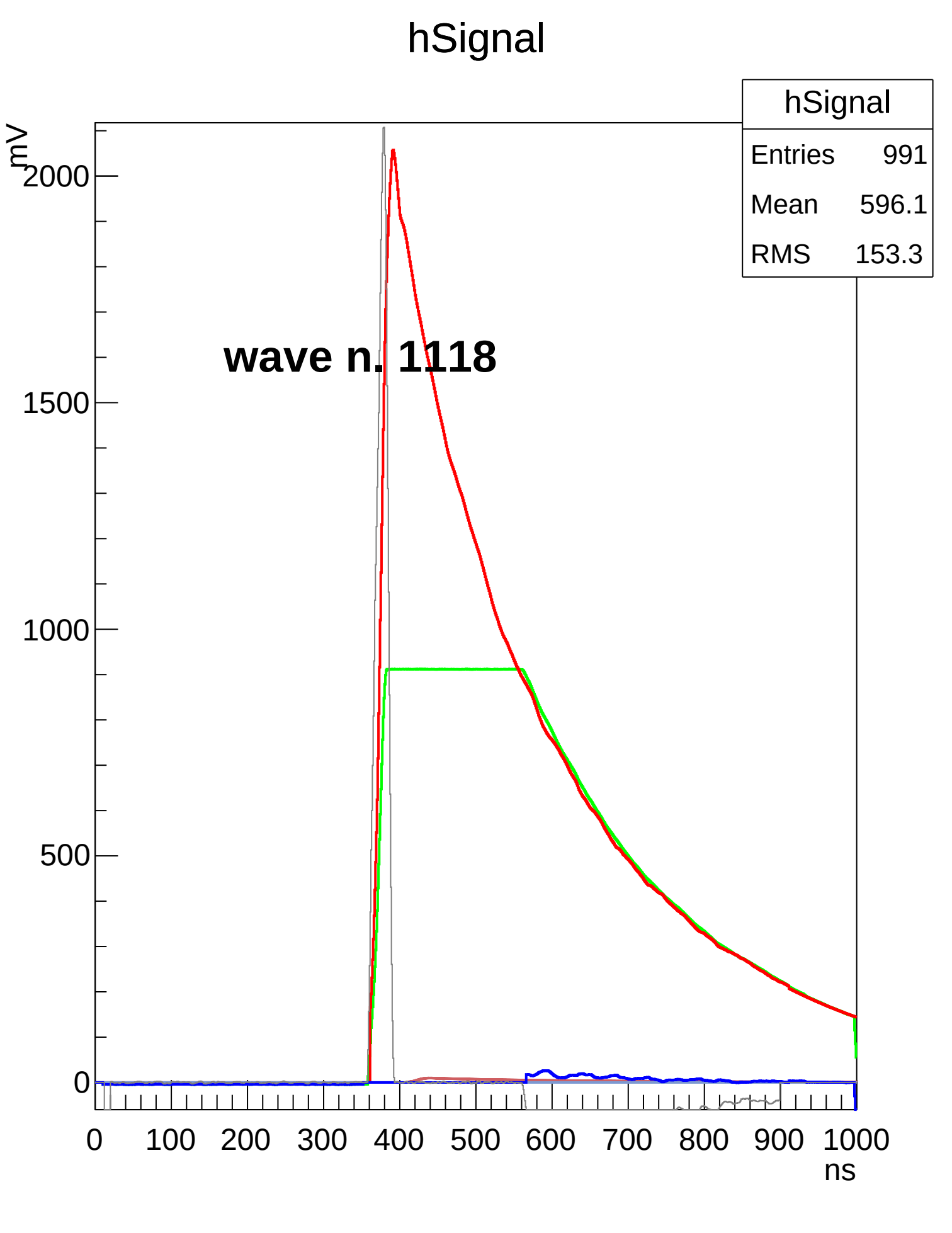
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 541.9
RMS 192.7
wave n. 1116
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 551.8
RMS 175.3
wave n. 1117
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 596.1
RMS 153.3
wave n. 1118
mV
2000
1500
1000
500
0
0
100
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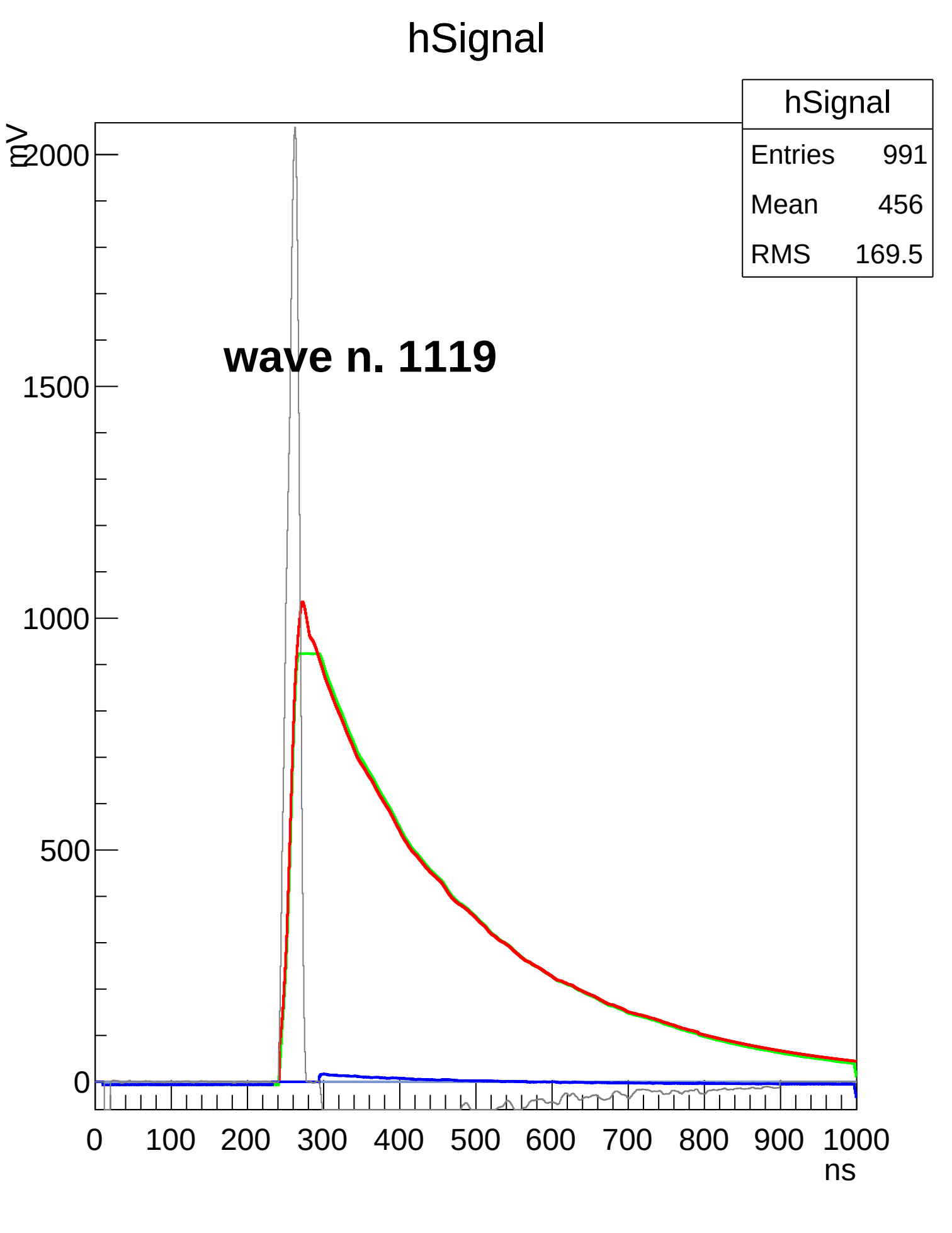
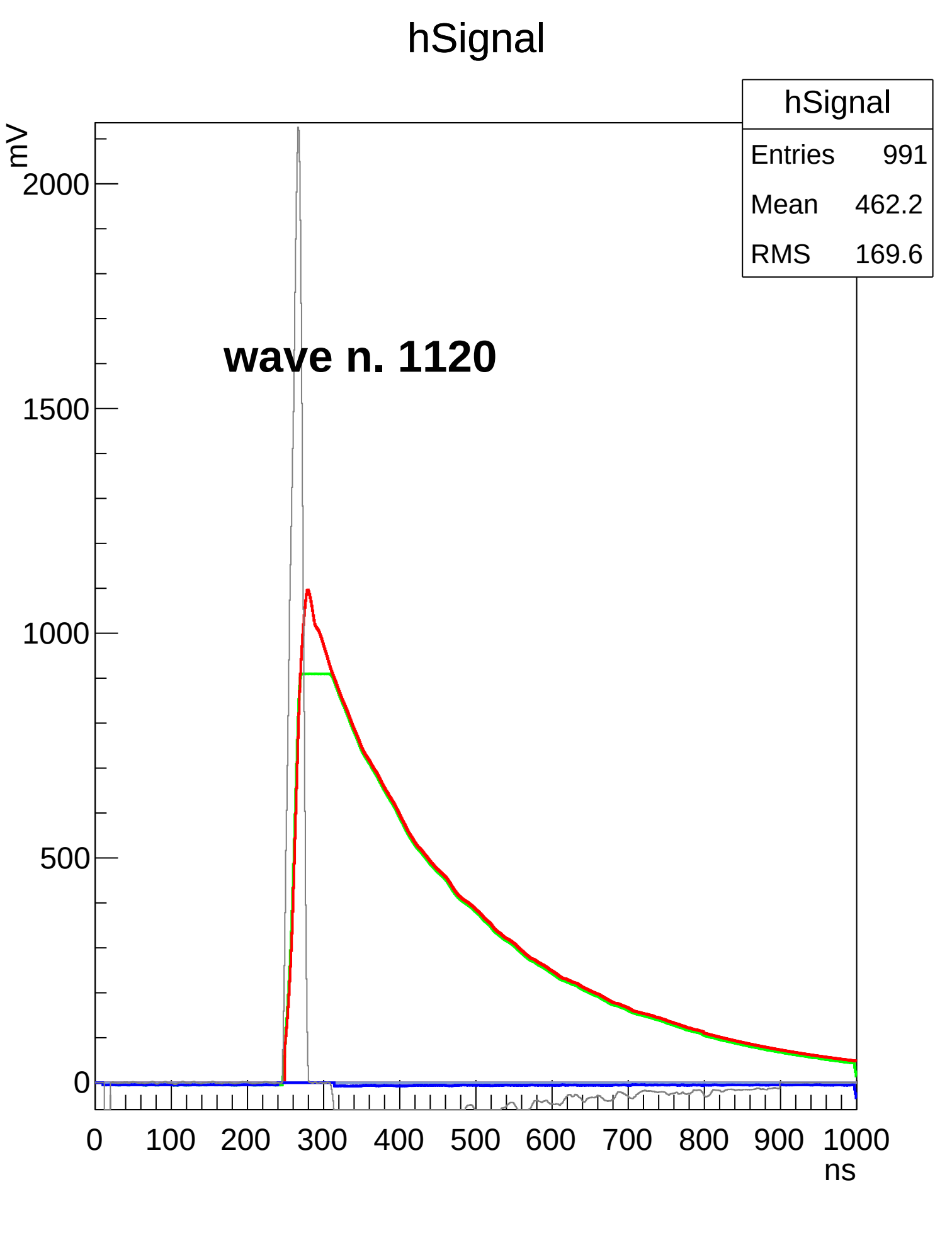
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 456
RMS 169.5
wave n. 1119
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 462.2
RMS 169.6
wave n. 1120
mV
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1000
500
0
0
100
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400
500
600
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800
900
1000
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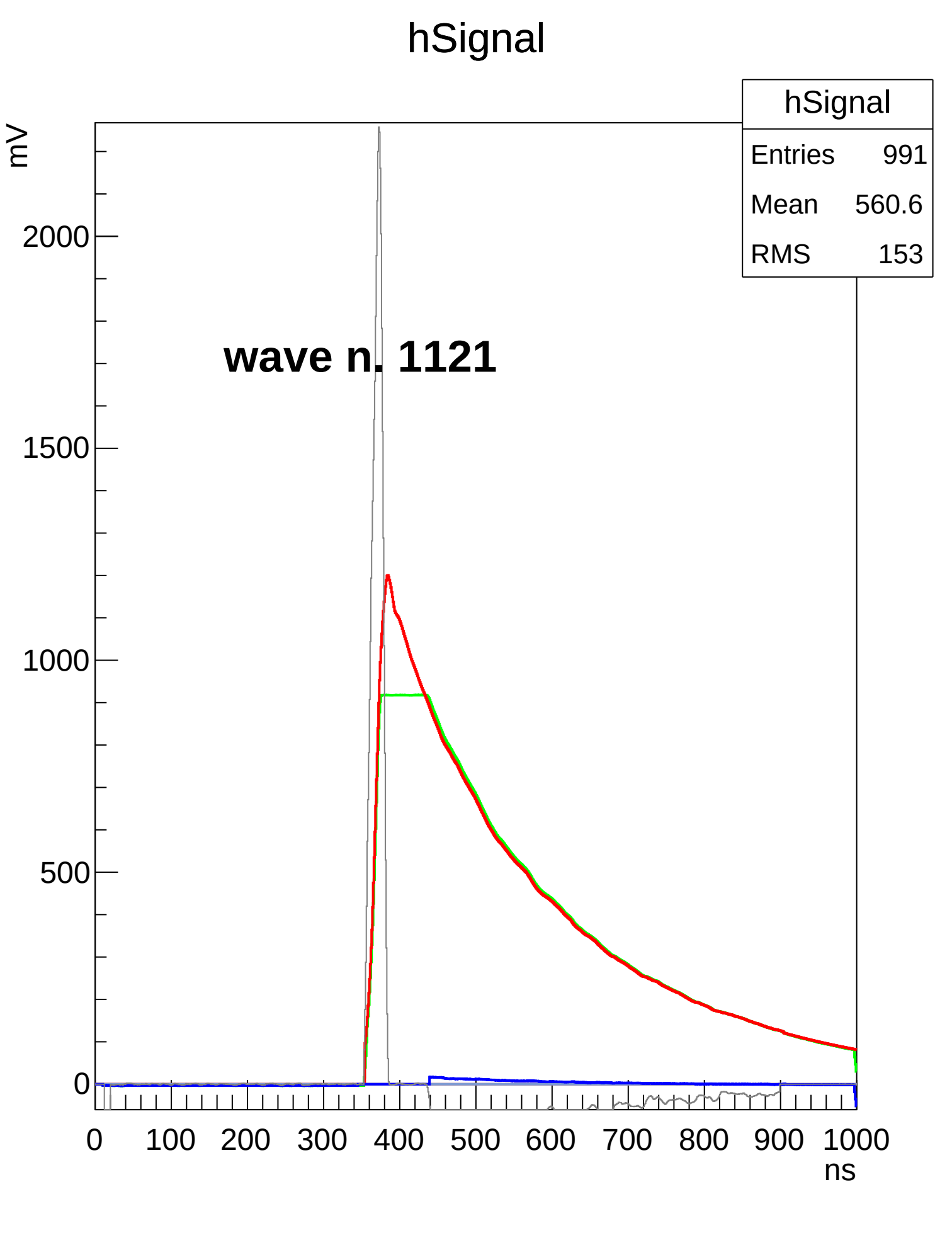
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hSignal
Entries 991
Mean 560.6
RMS 153
wave n. 1121
mV
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1500
1000
500
0
0
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200
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400
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600
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800
900
1000
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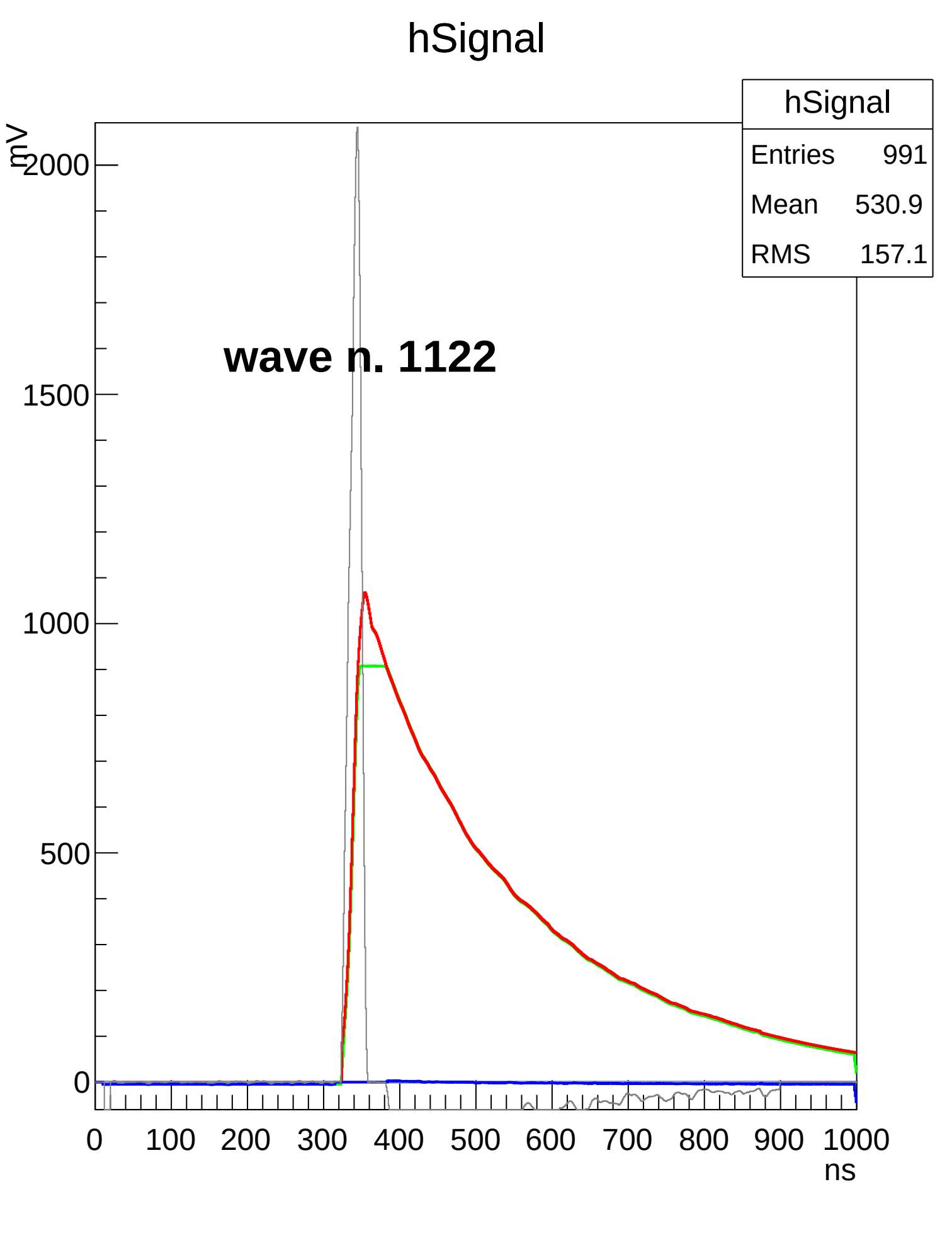
hSignal
hSignal
Entries 991
Mean 530.9
RMS 157.1
wave n. 1122
mV
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1500
1000
500
0
0
100
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400
500
600
700
800
900
1000
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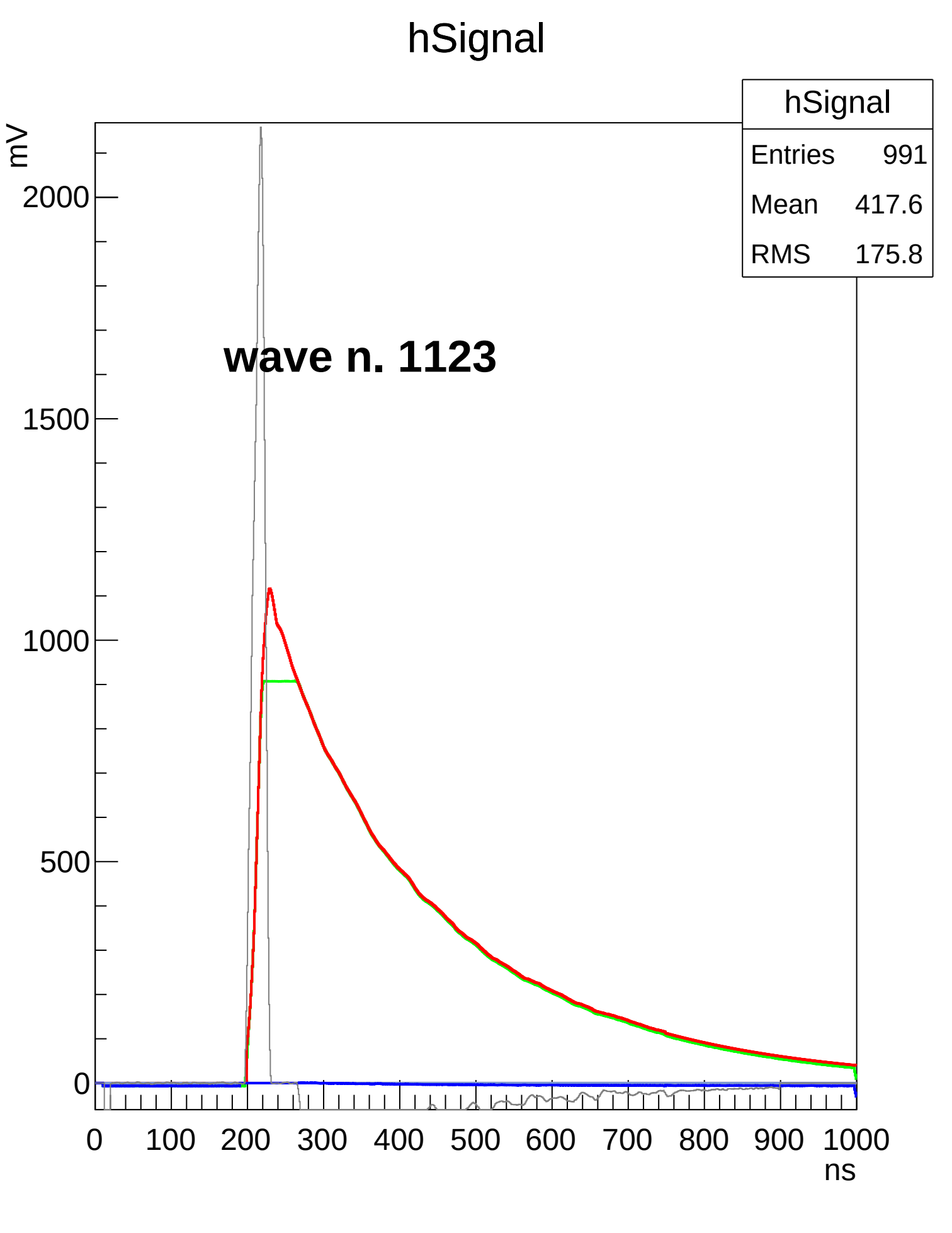
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hSignal
Entries 991
Mean 417.6
RMS 175.8
wave n. 1123
mV
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1000
500
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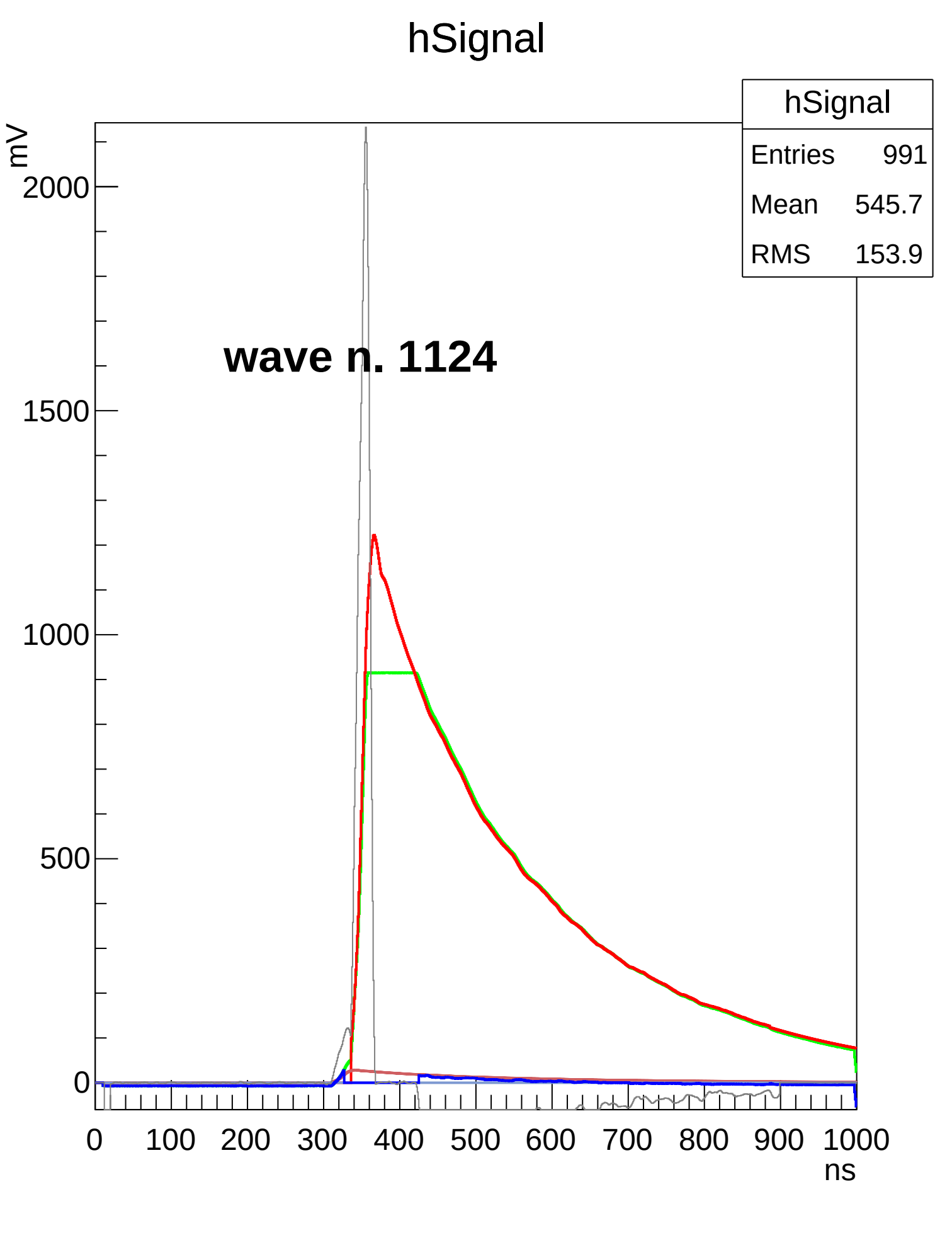
ns


hSignal
hSignal
Entries 991
Mean 545.7
RMS 153.9
wave n. 1124
mV
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1500
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400
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1000
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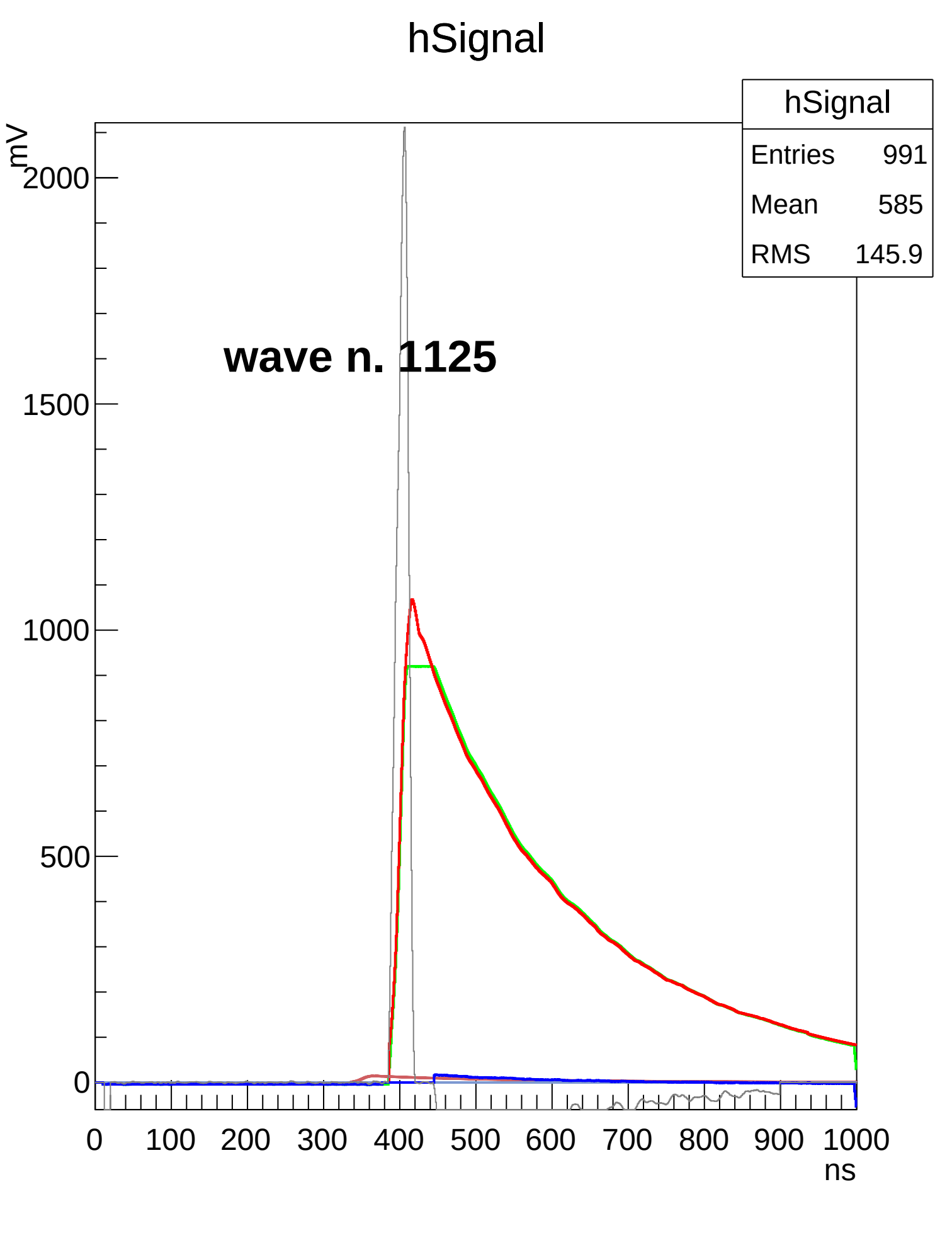
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hSignal
Entries 991
Mean 585
RMS 145.9
wave n. 1125
mV
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1000
500
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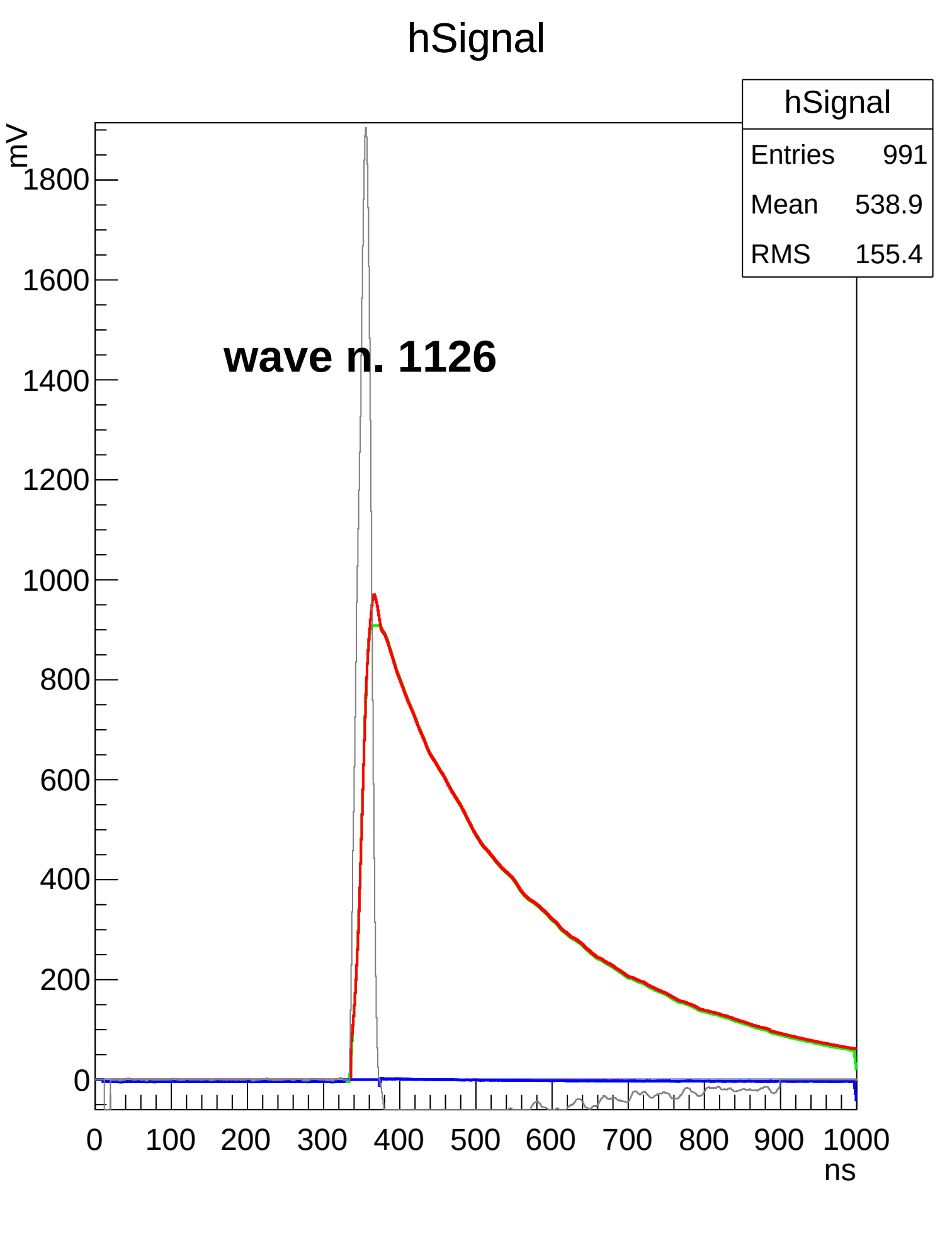
ns


hSignal
hSignal
Entries 991
Mean 538.9
RMS 155.4
wave n. 1126
mV
1800
1600
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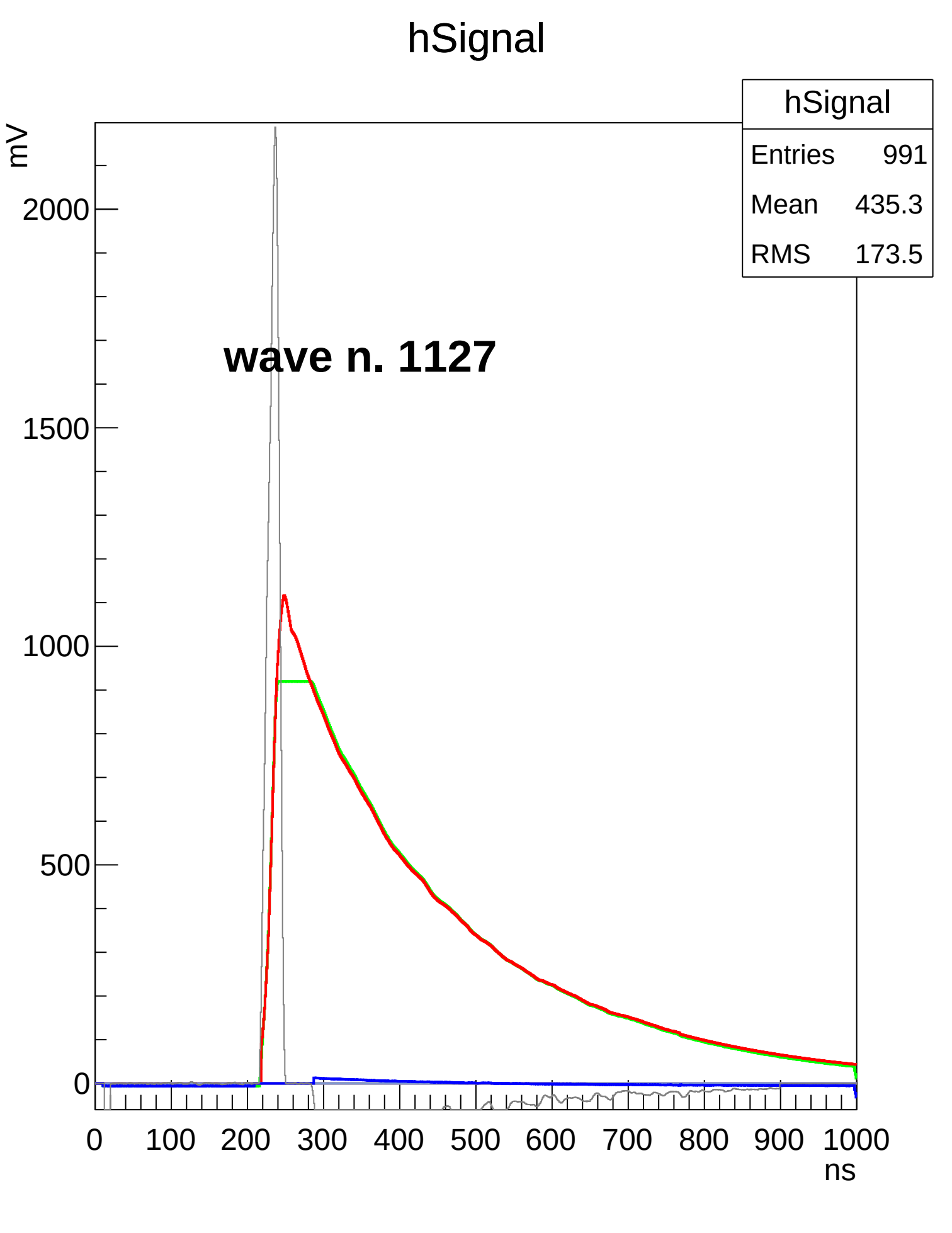
1000
ns


hSignal
hSignal
Entries 991
Mean 435.3
RMS 173.5
wave n. 1127
mV
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1000
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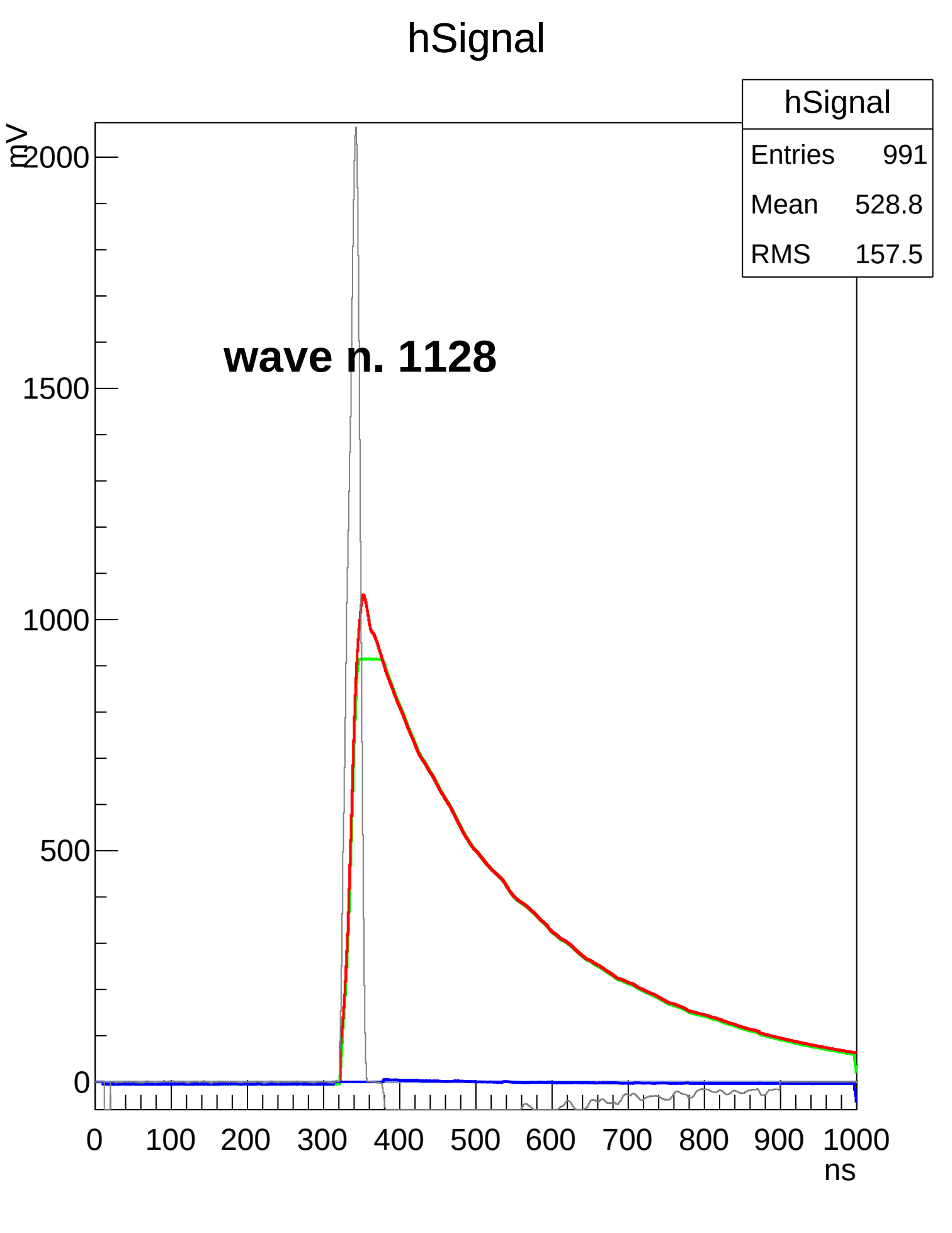
hSignal
hSignal
Entries 991
Mean 528.8
RMS 157.5
wave n. 1128
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1000
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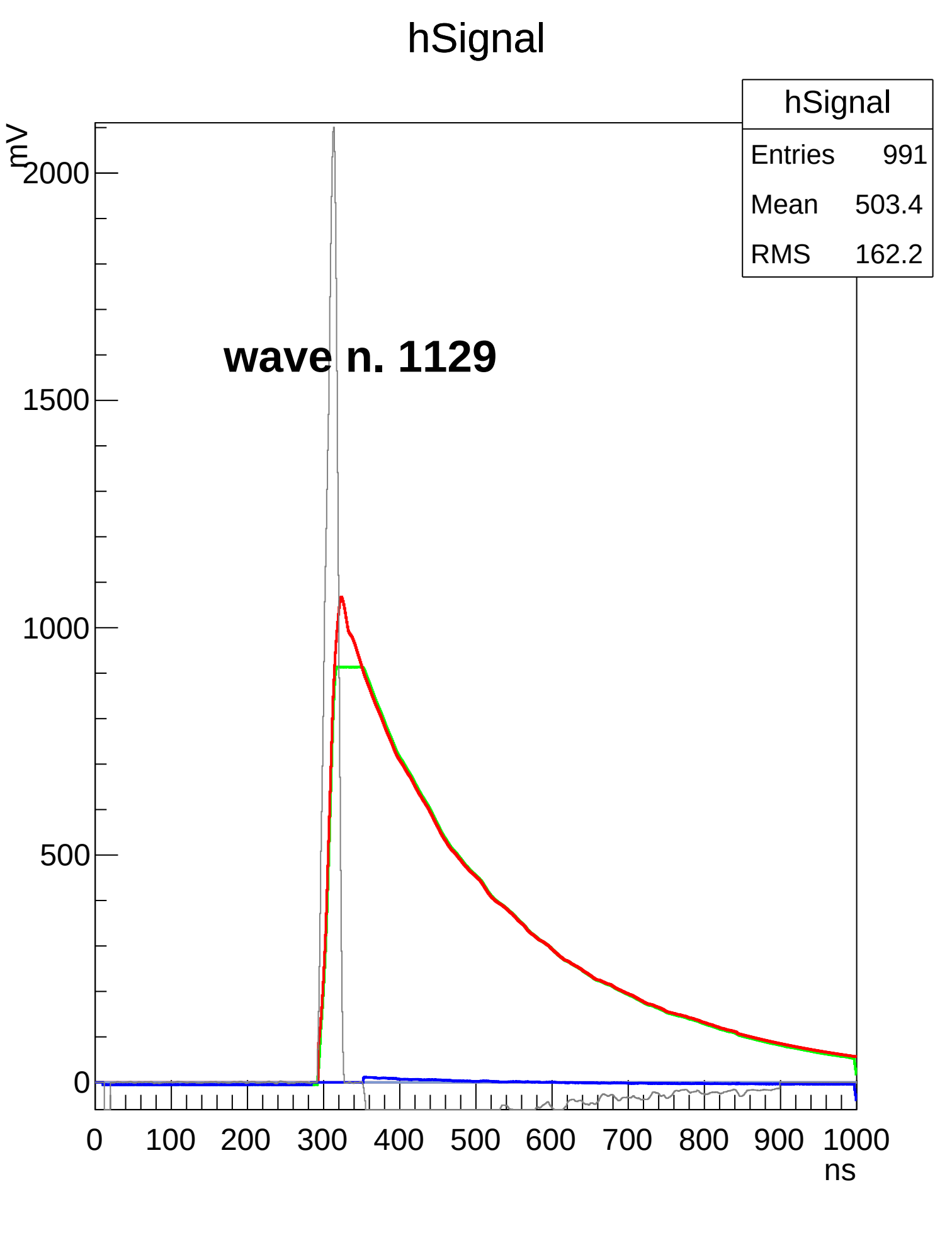
hSignal
hSignal
Entries 991
Mean 503.4
RMS 162.2
wave n. 1129
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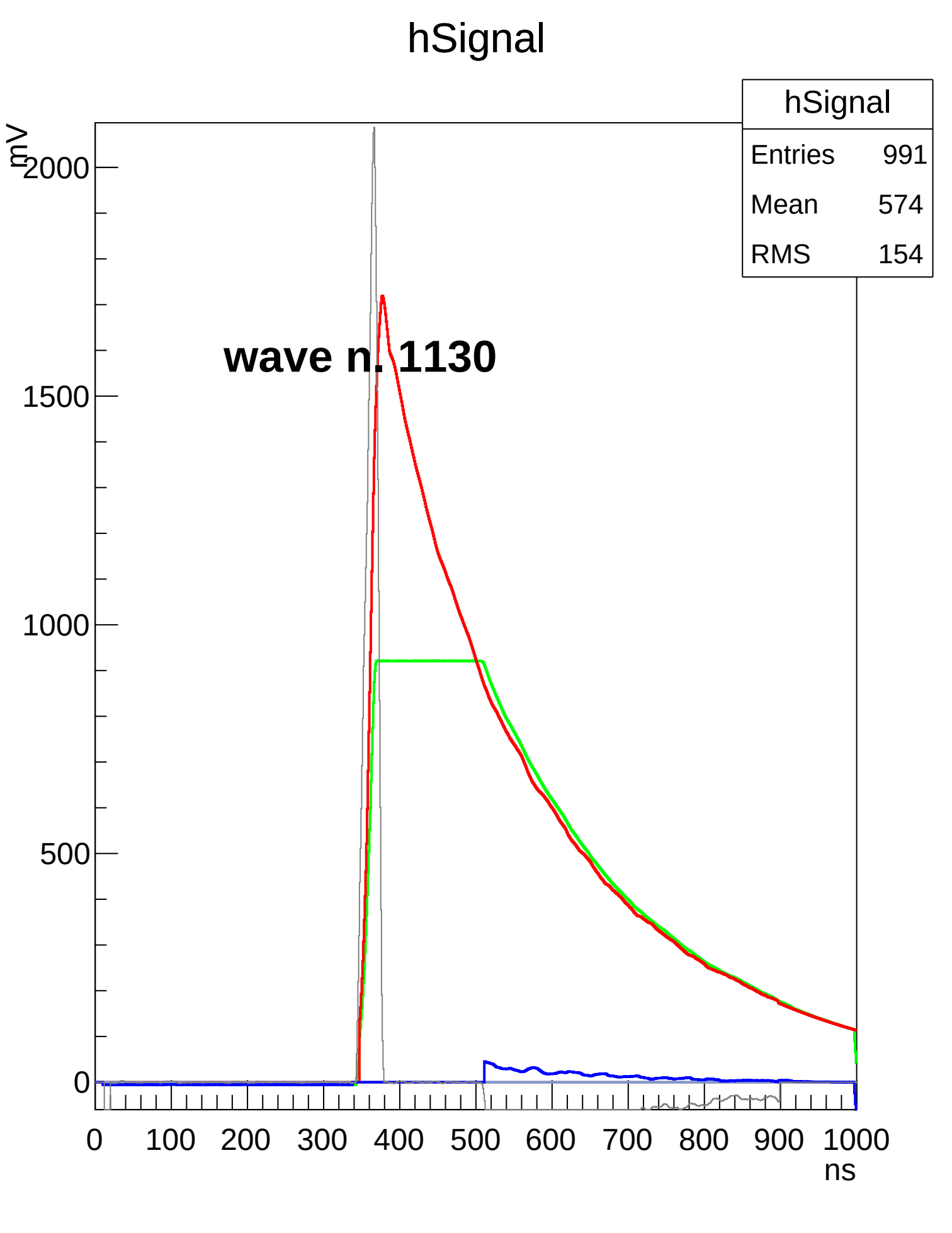
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hSignal
Entries 991
Mean 574
RMS 154
wave n. 1130
mV
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1000
500
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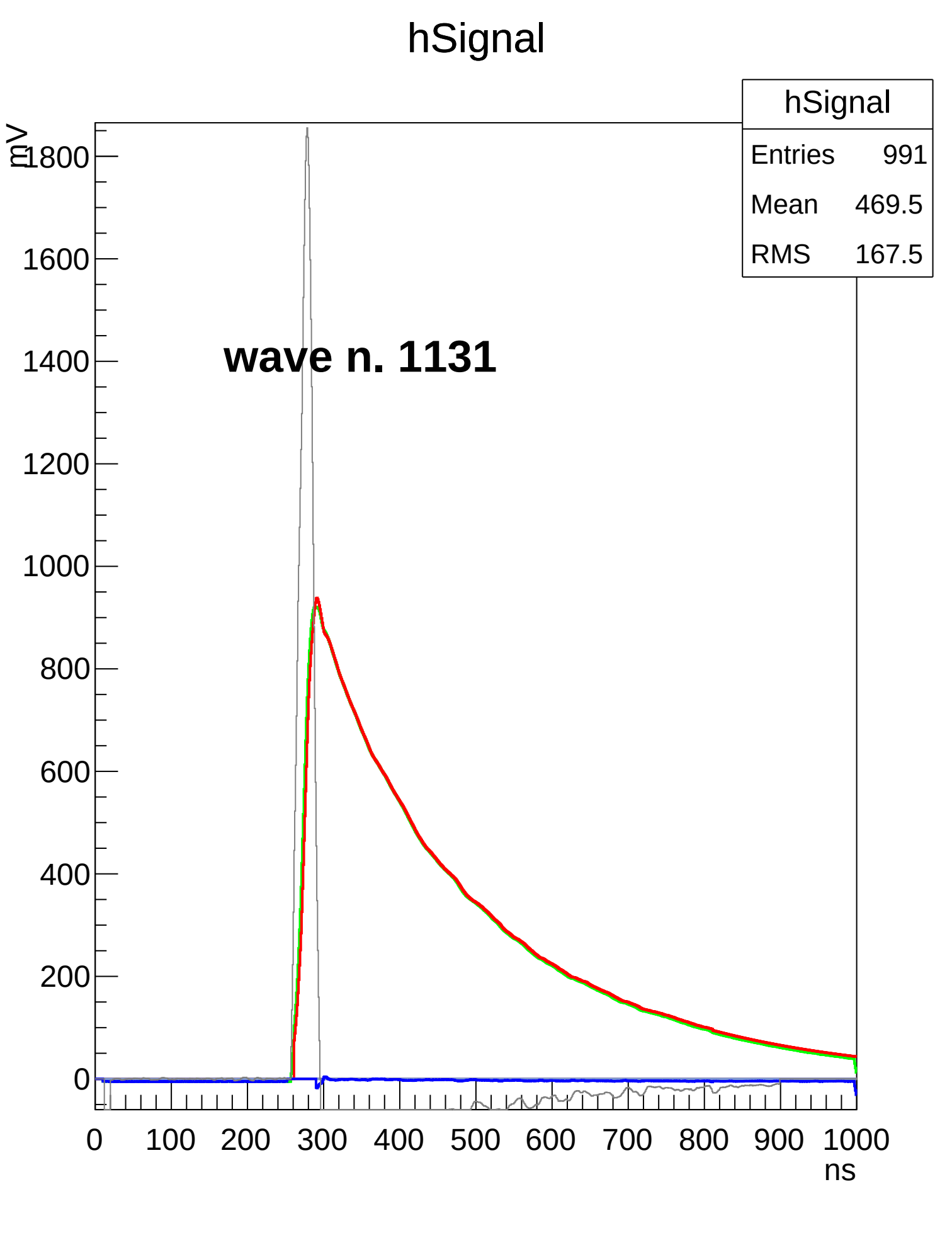
ns


hSignal
hSignal
Entries 991
Mean 469.5
RMS 167.5
wave n. 1131
mV
1800
1600
1400
1200
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200
0
0
100
200
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400
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800
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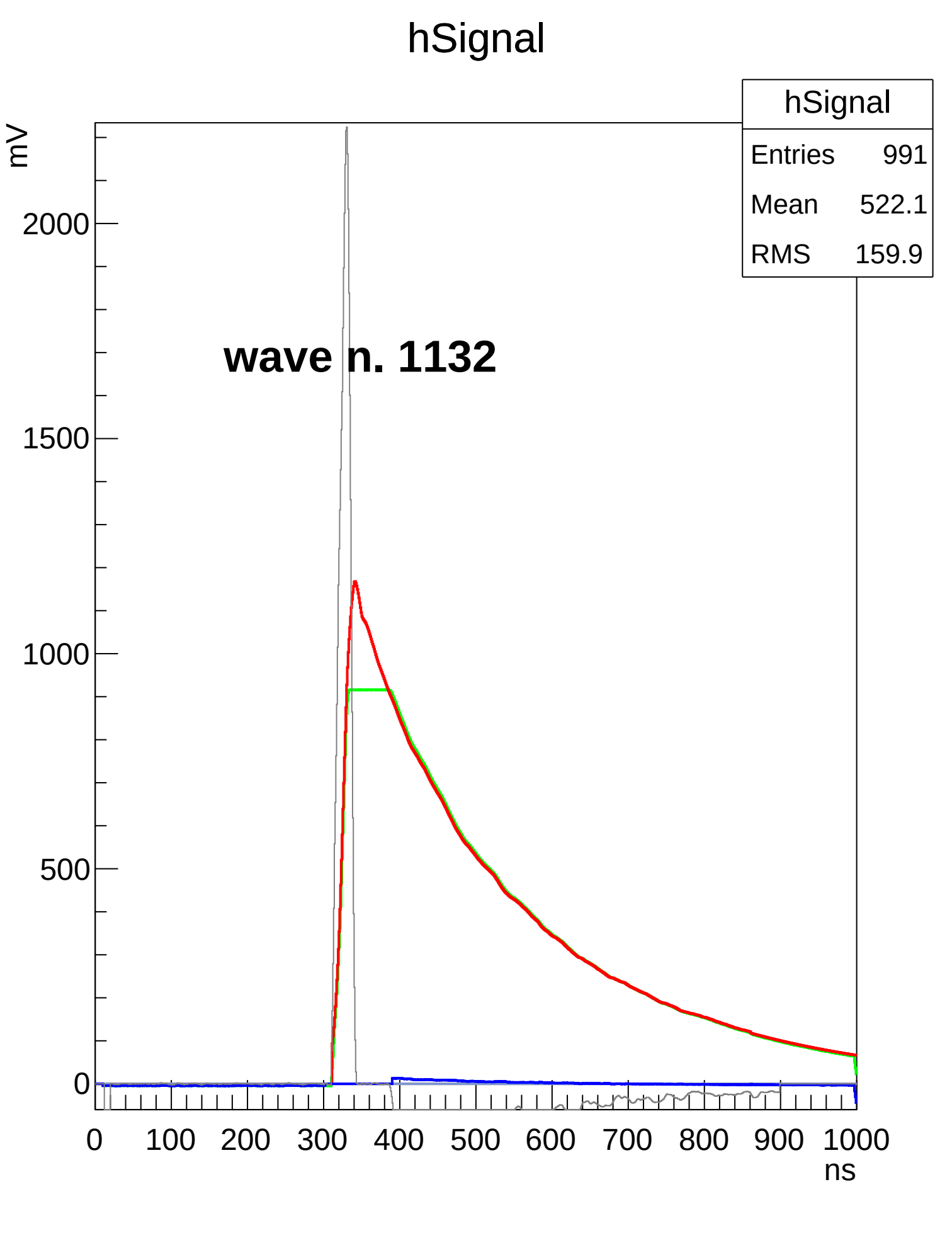
1000
ns


hSignal
hSignal
Entries 991
Mean 522.1
RMS 159.9
wave n. 1132
mV
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1000
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800
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1000
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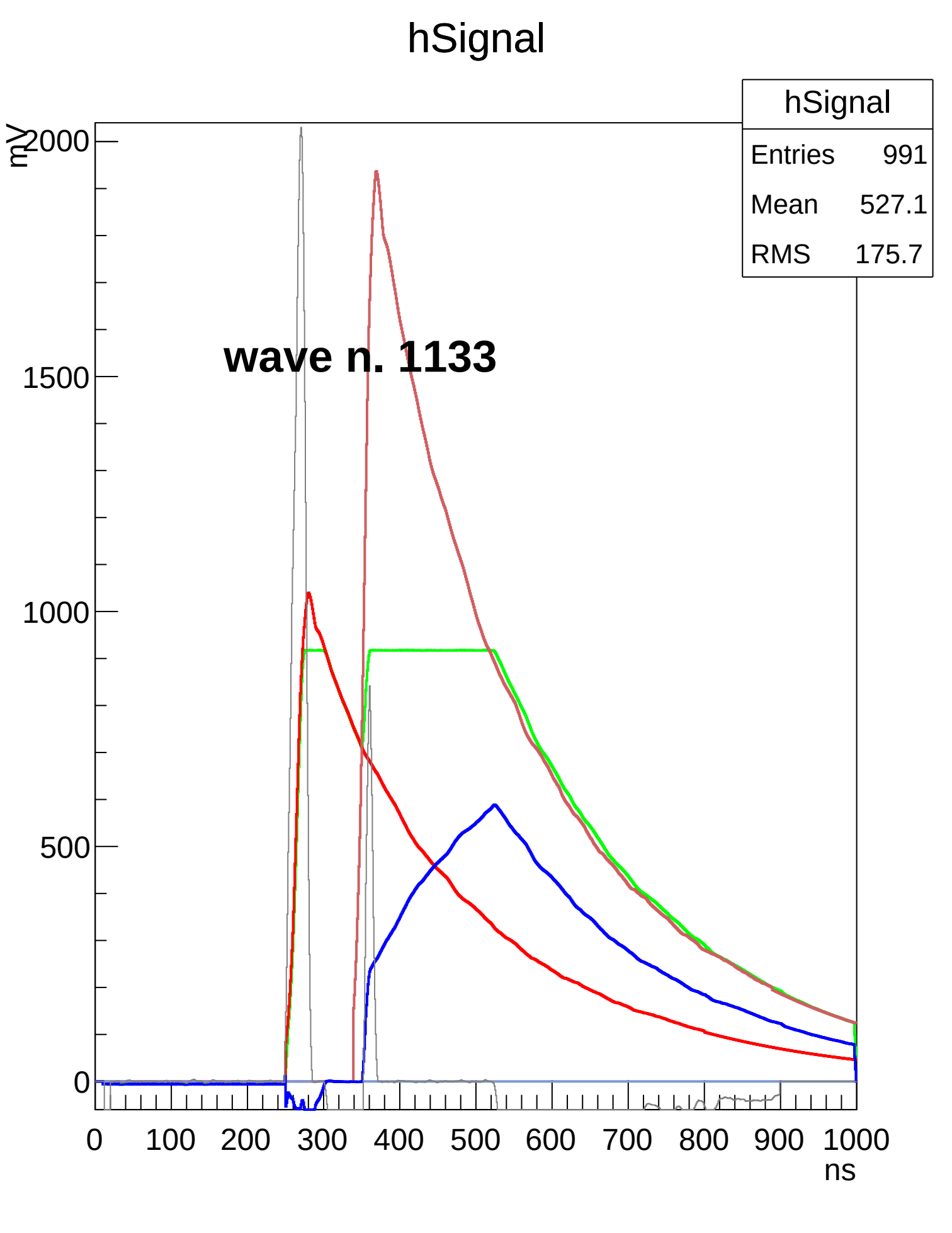
hSignal
hSignal
Entries 991
Mean 527.1
RMS 175.7
wave n. 1133
mV
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400
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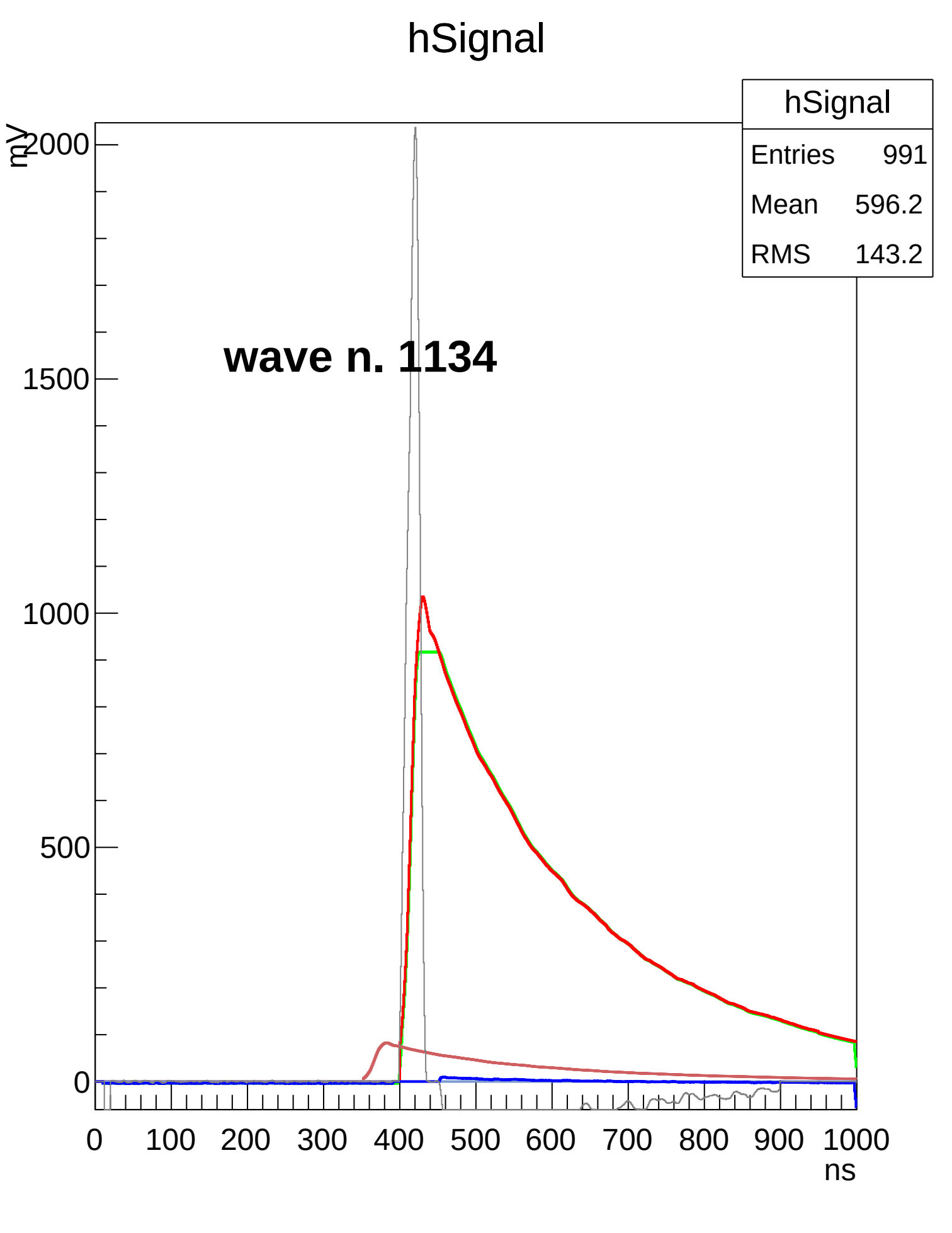
1000
ns


hSignal
hSignal
Entries 991
Mean 596.2
RMS 143.2
wave n. 1134
mV
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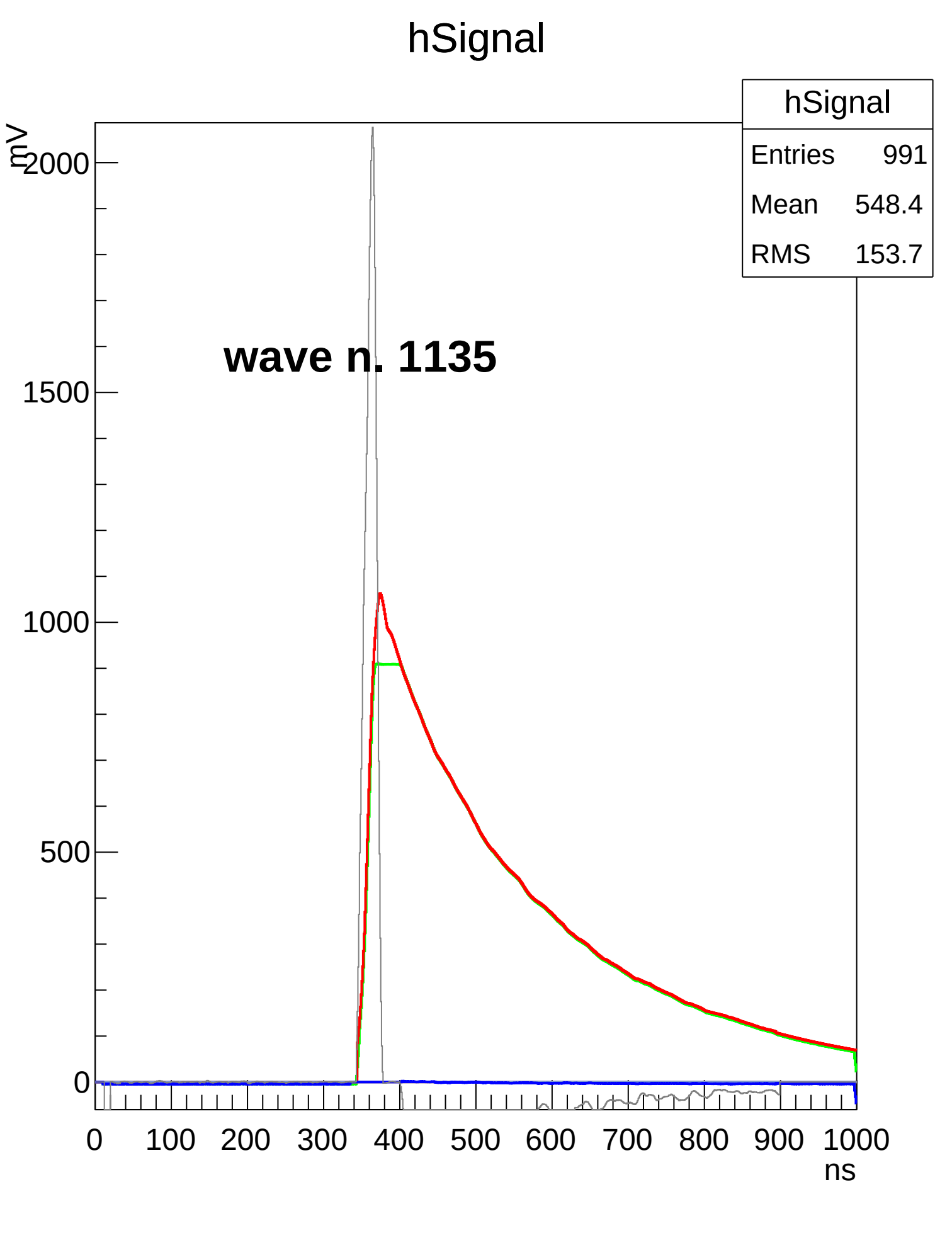
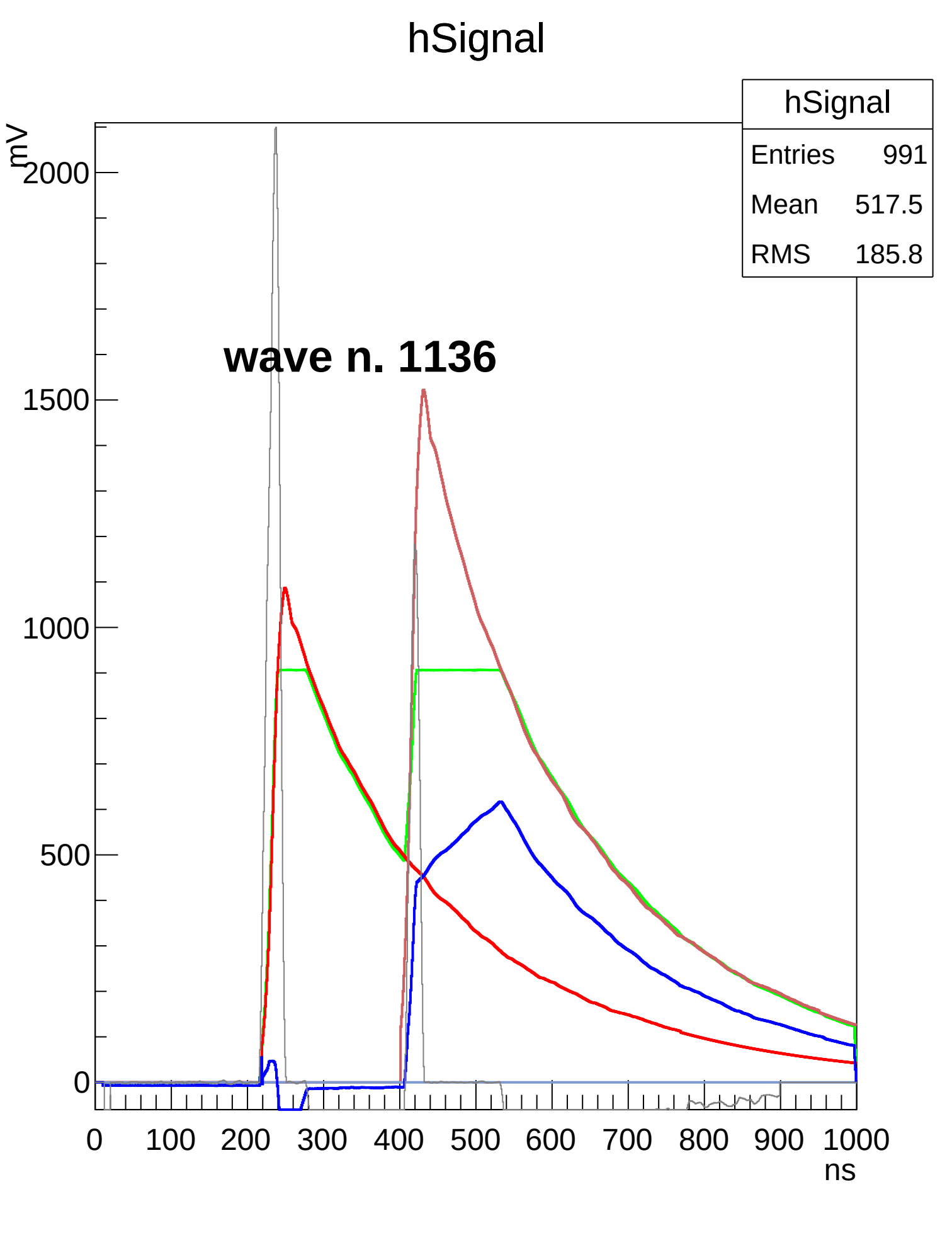
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 548.4
RMS 153.7
wave n. 1135
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 517.5
RMS 185.8
wave n. 1136
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1500
1000
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0
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200
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400
500
600
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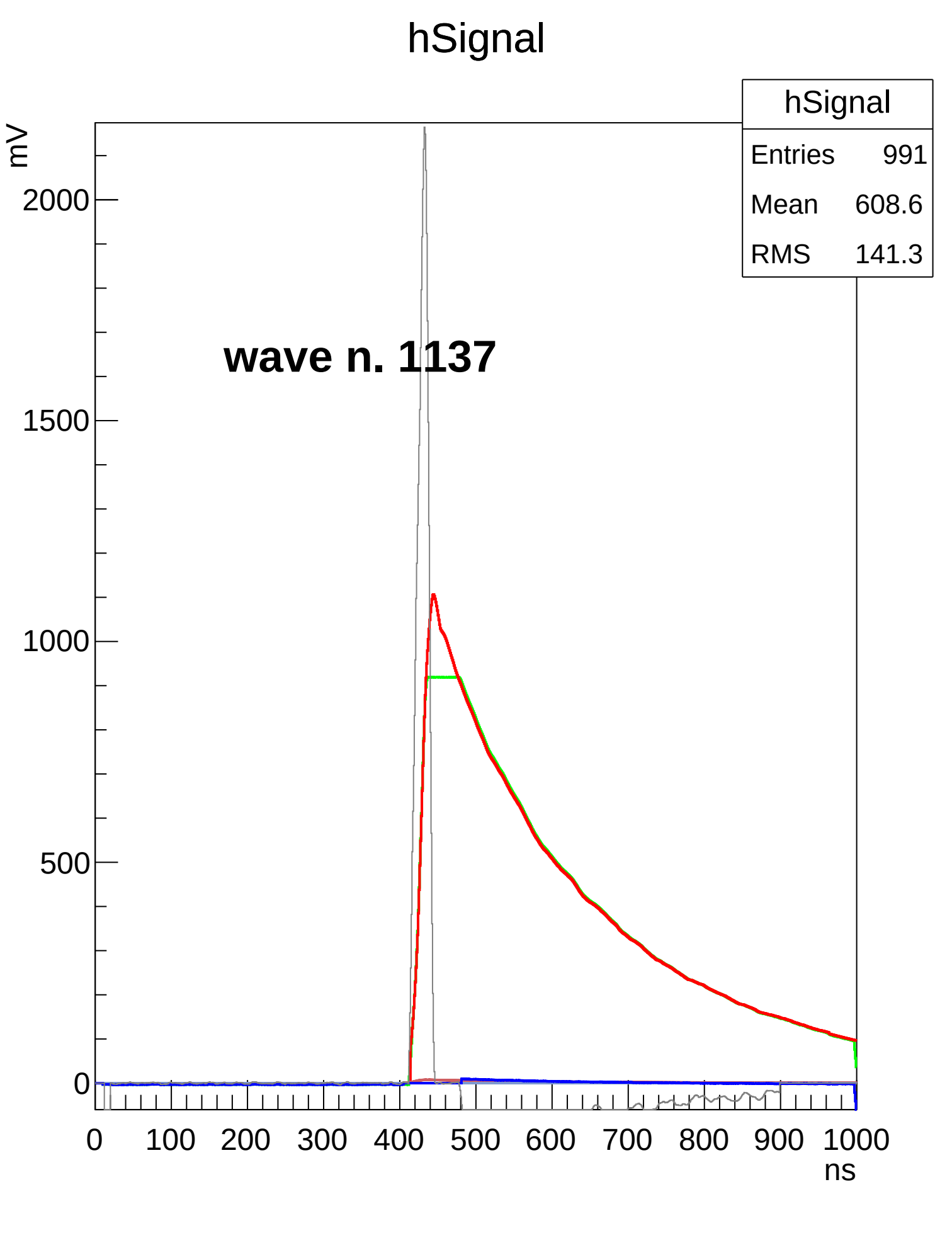
800
900
1000
ns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hSignal
Entries 991
Mean 608.6
RMS 141.3
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mV
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1500
1000
500
0
0
100
200
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400
500
600
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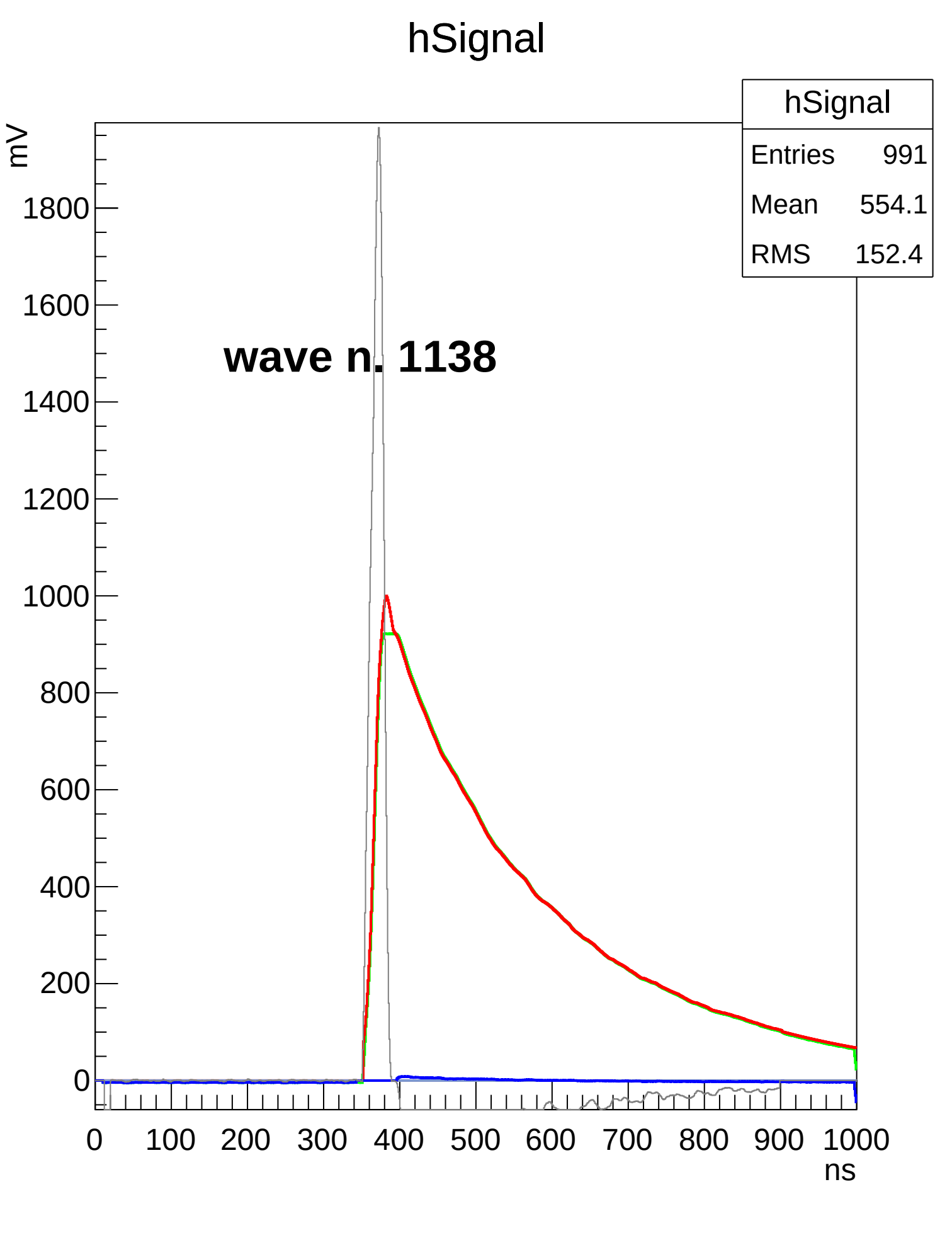
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 554.1
RMS 152.4
wave n. 1138
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
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400
500
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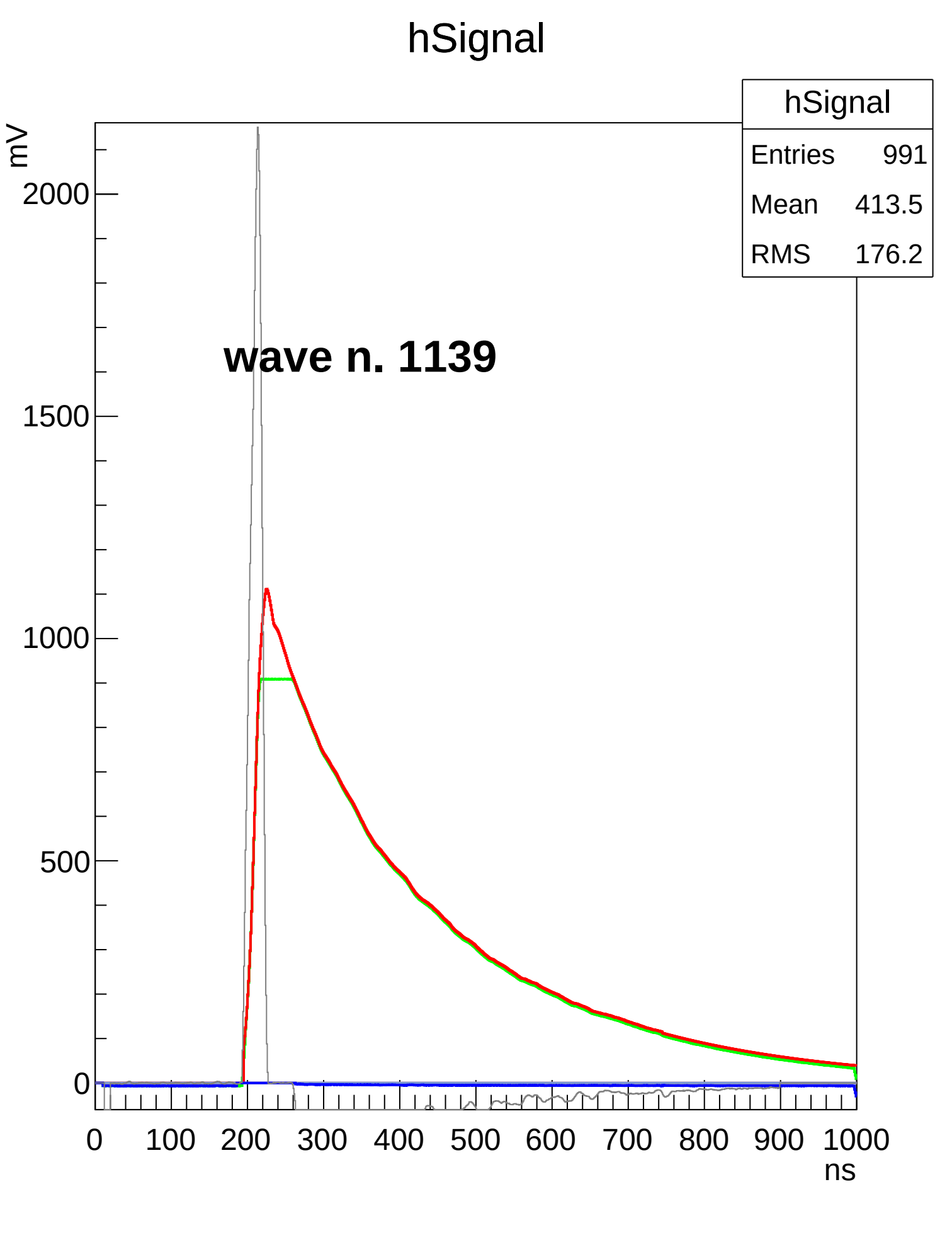
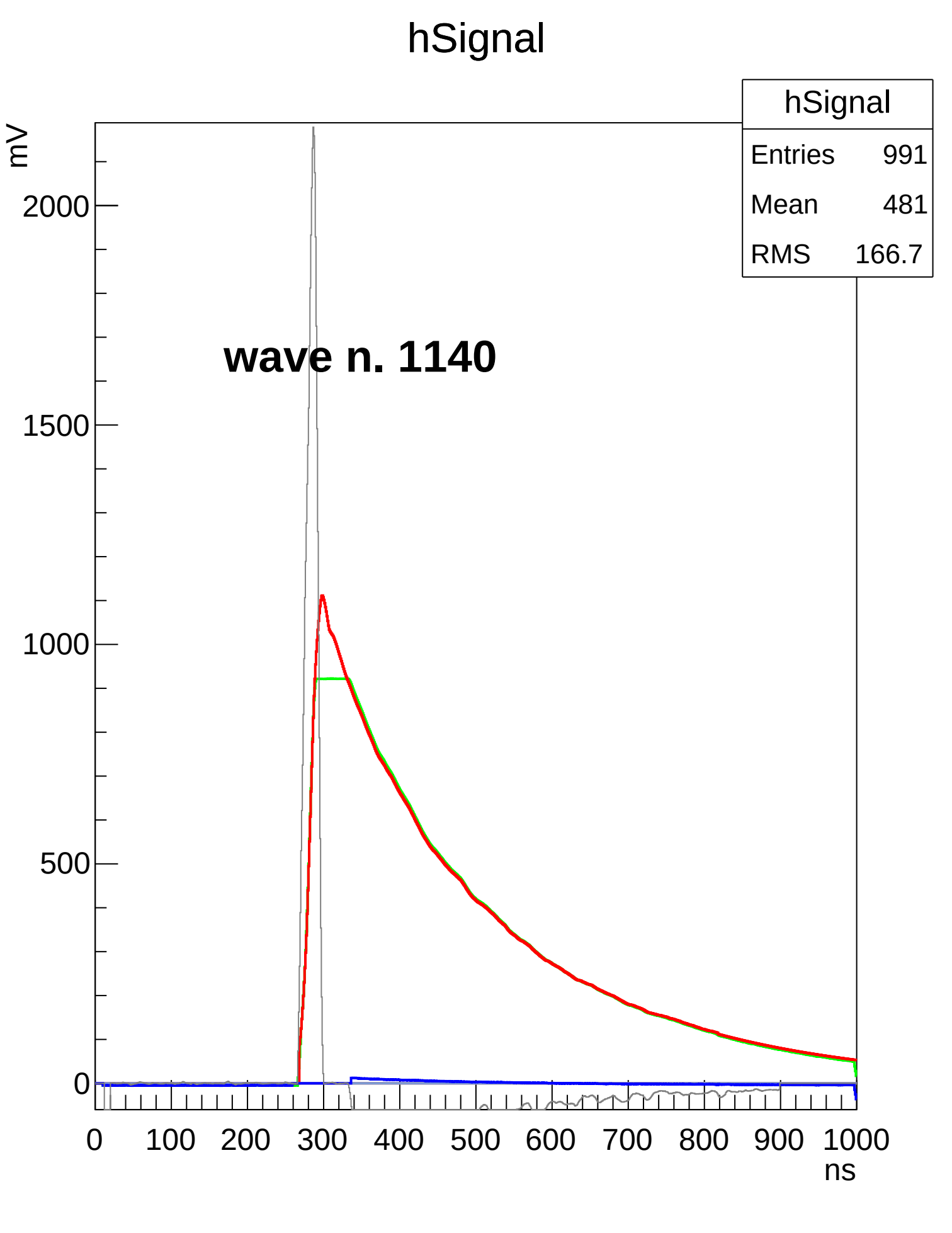
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 413.5
RMS 176.2
wave n. 1139
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
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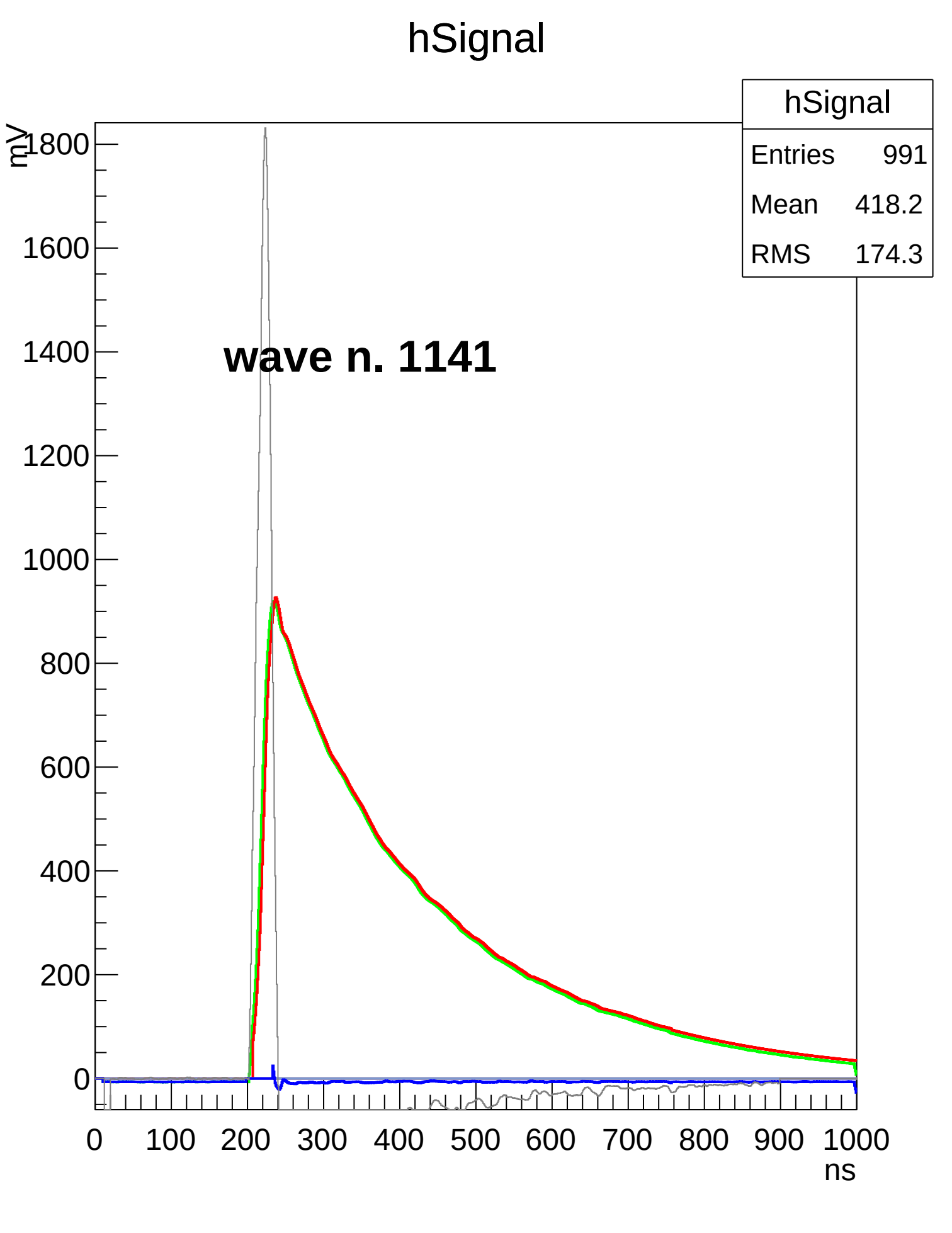
Mean 481
RMS 166.7
wave n. 1140
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 418.2
RMS 174.3
wave n. 1141
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
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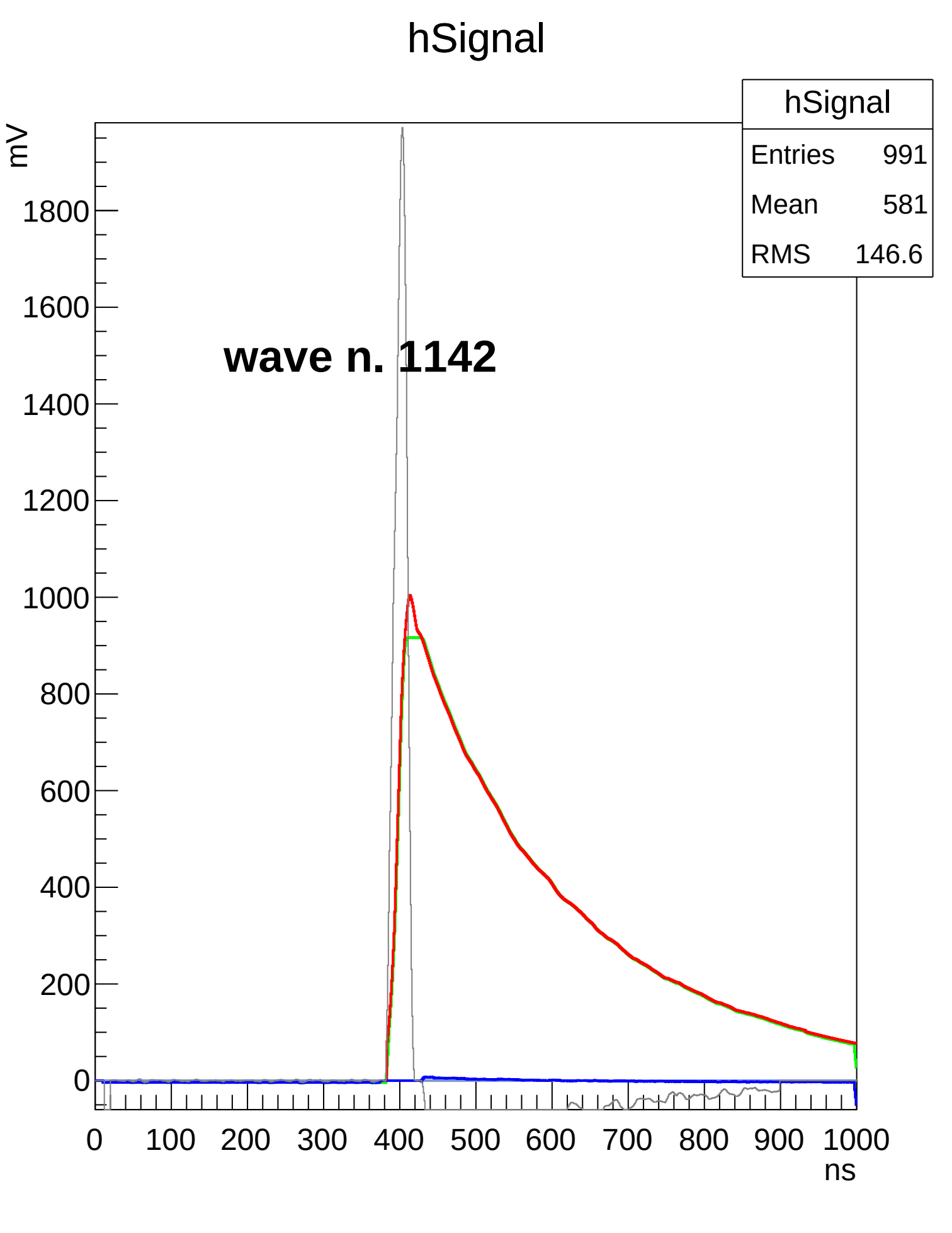
800
900
1000
ns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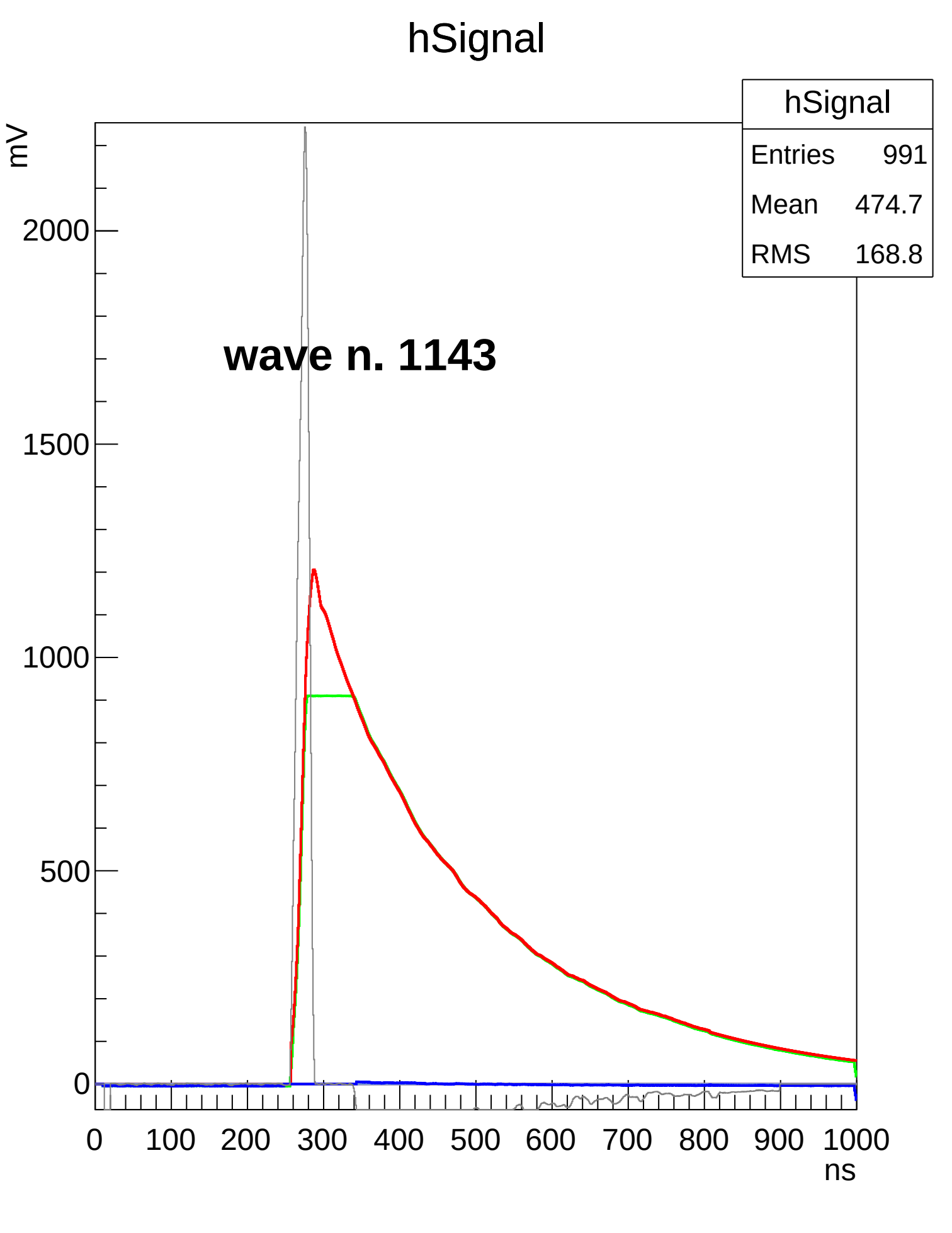
hSignal
Entries 991
Mean 581
RMS 146.6
wave n. 1142
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 474.7
RMS 168.8
wave n. 1143
mV
2000
1500
1000
500
0
0
100
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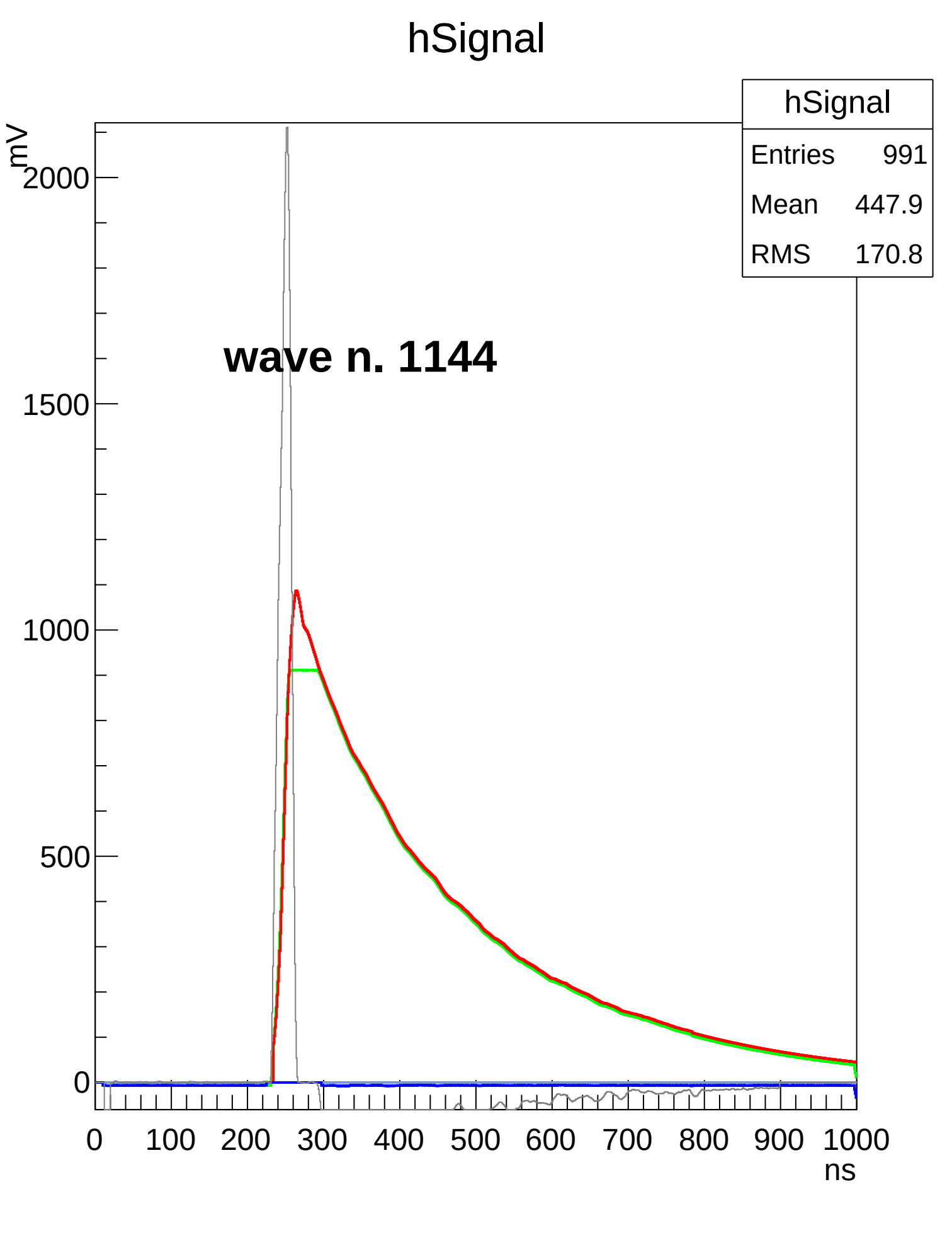
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 447.9
RMS 170.8
wave n. 1144
mV
2000
1500
1000
500
0
0
100
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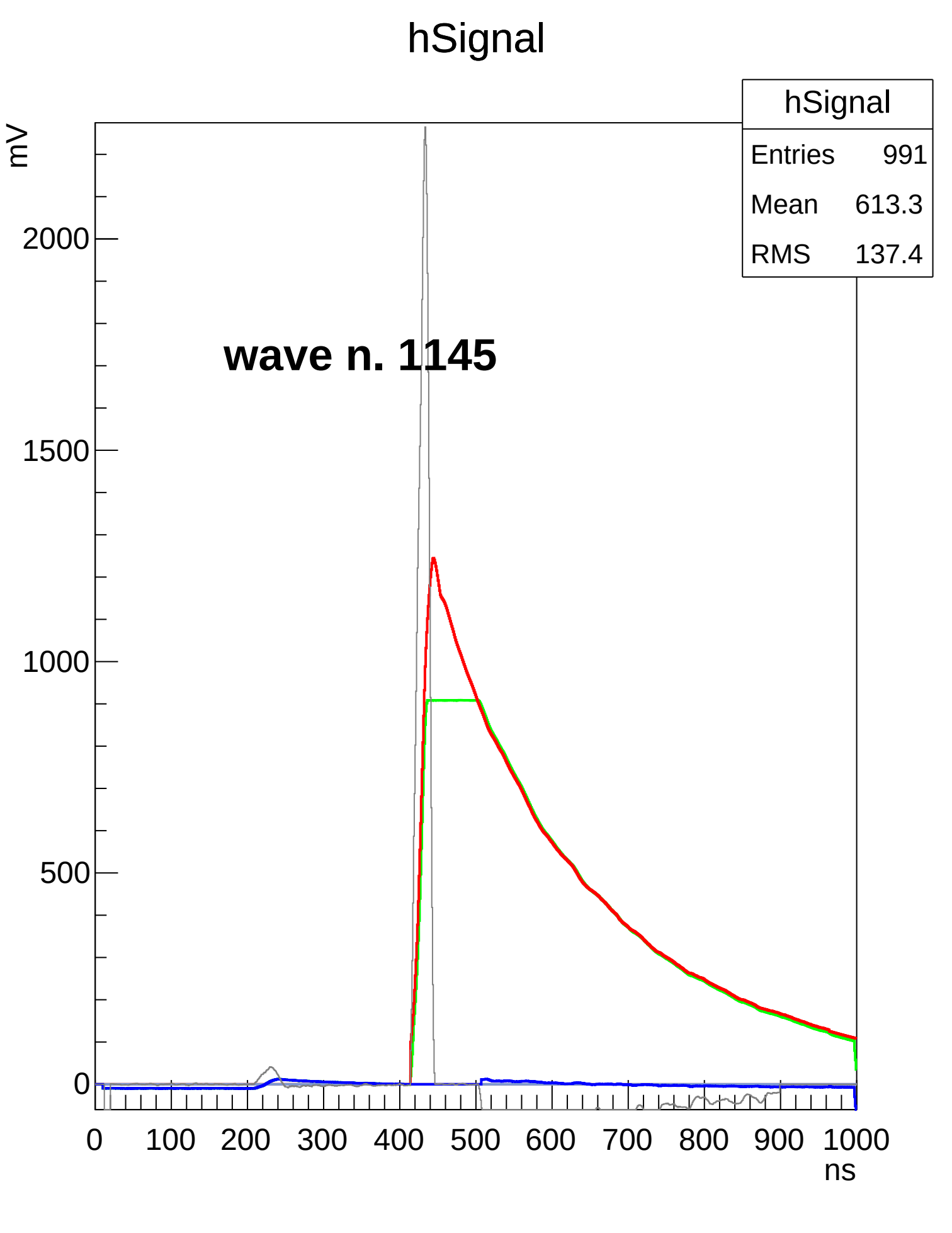
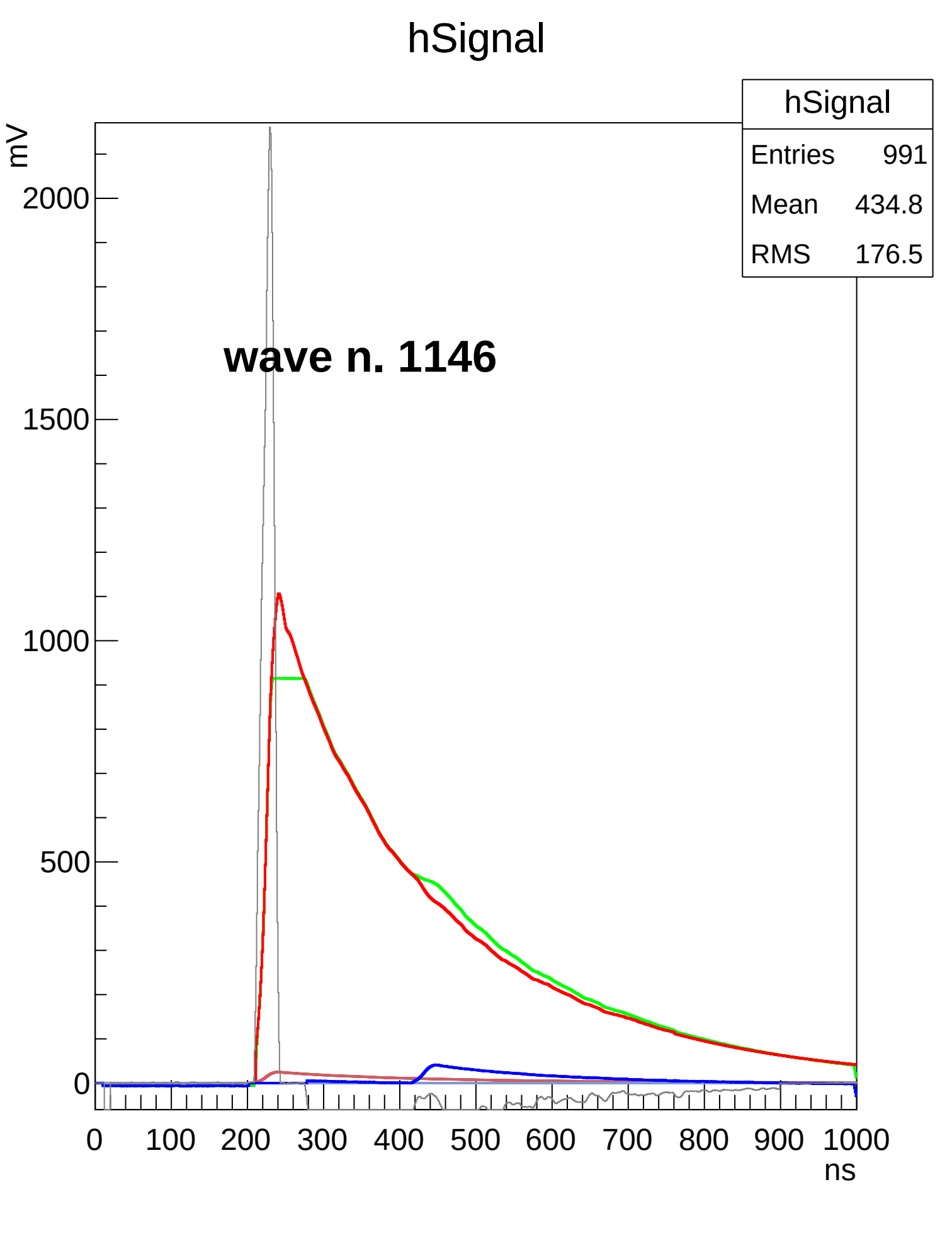
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 613.3
RMS 137.4
wave n. 1145
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 434.8
RMS 176.5
wave n. 1146
mV
2000
1500
1000
500
0
0
100
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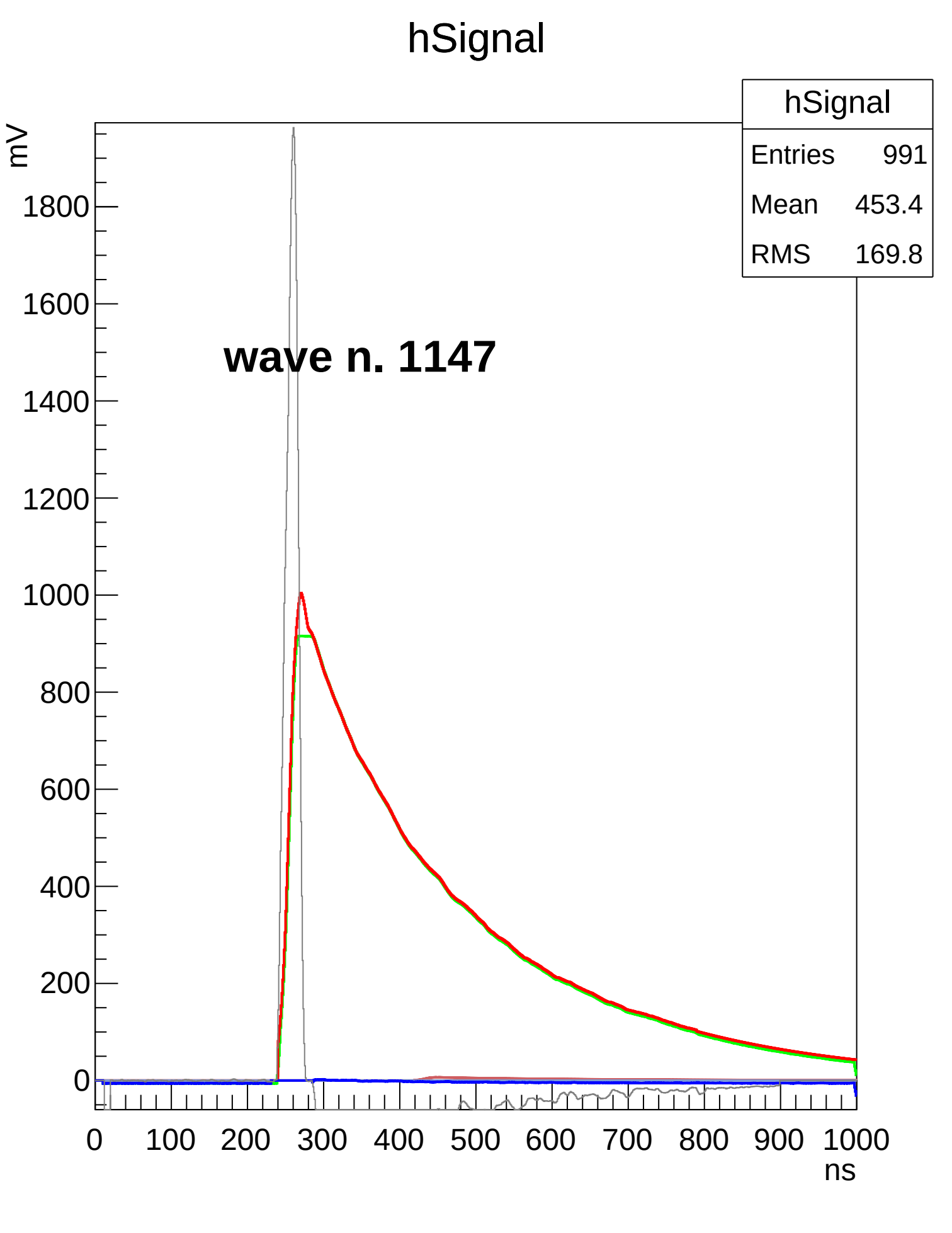
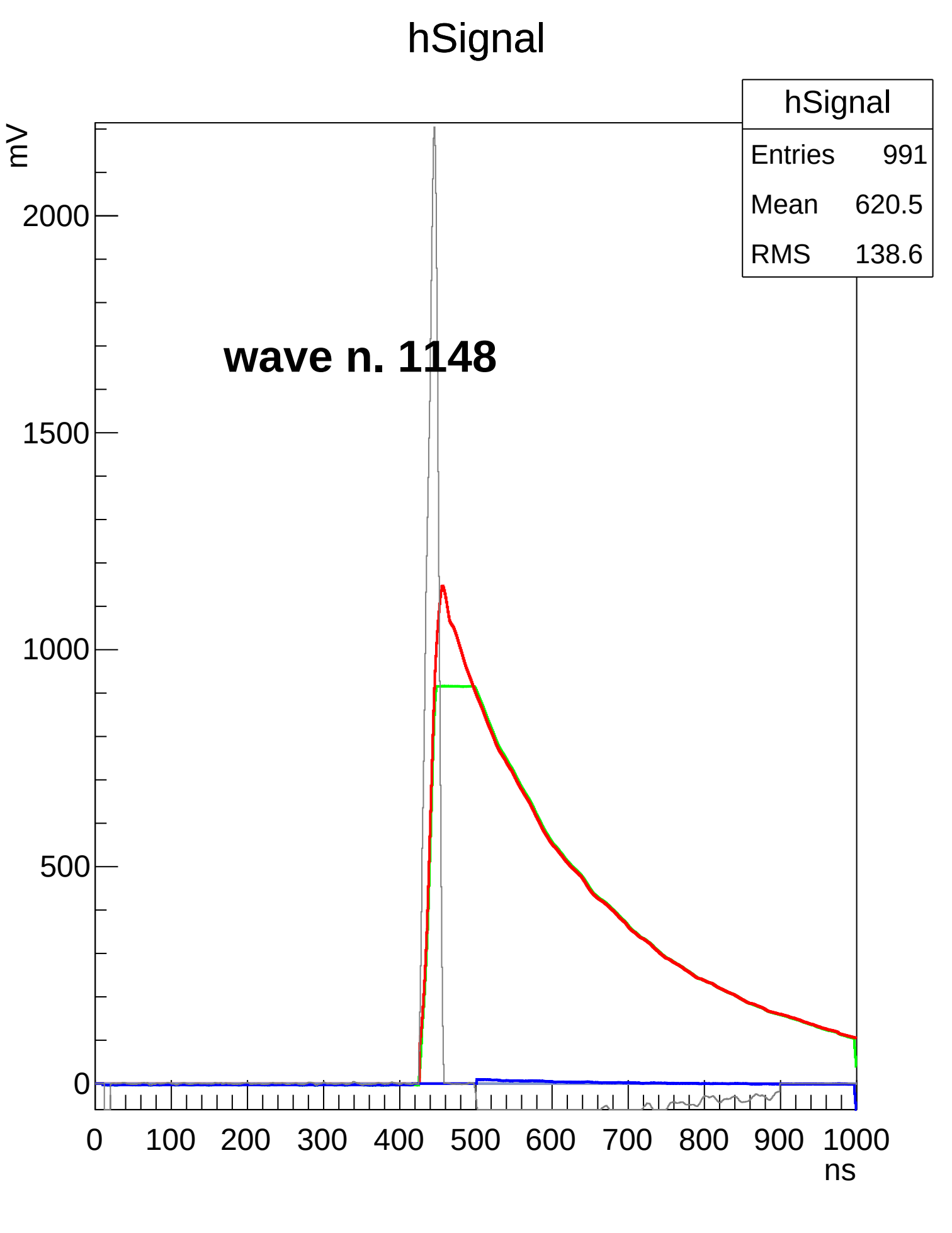
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 453.4
RMS 169.8
wave n. 1147
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 620.5
RMS 138.6
wave n. 1148
mV
2000
1500
1000
500
0
0
100
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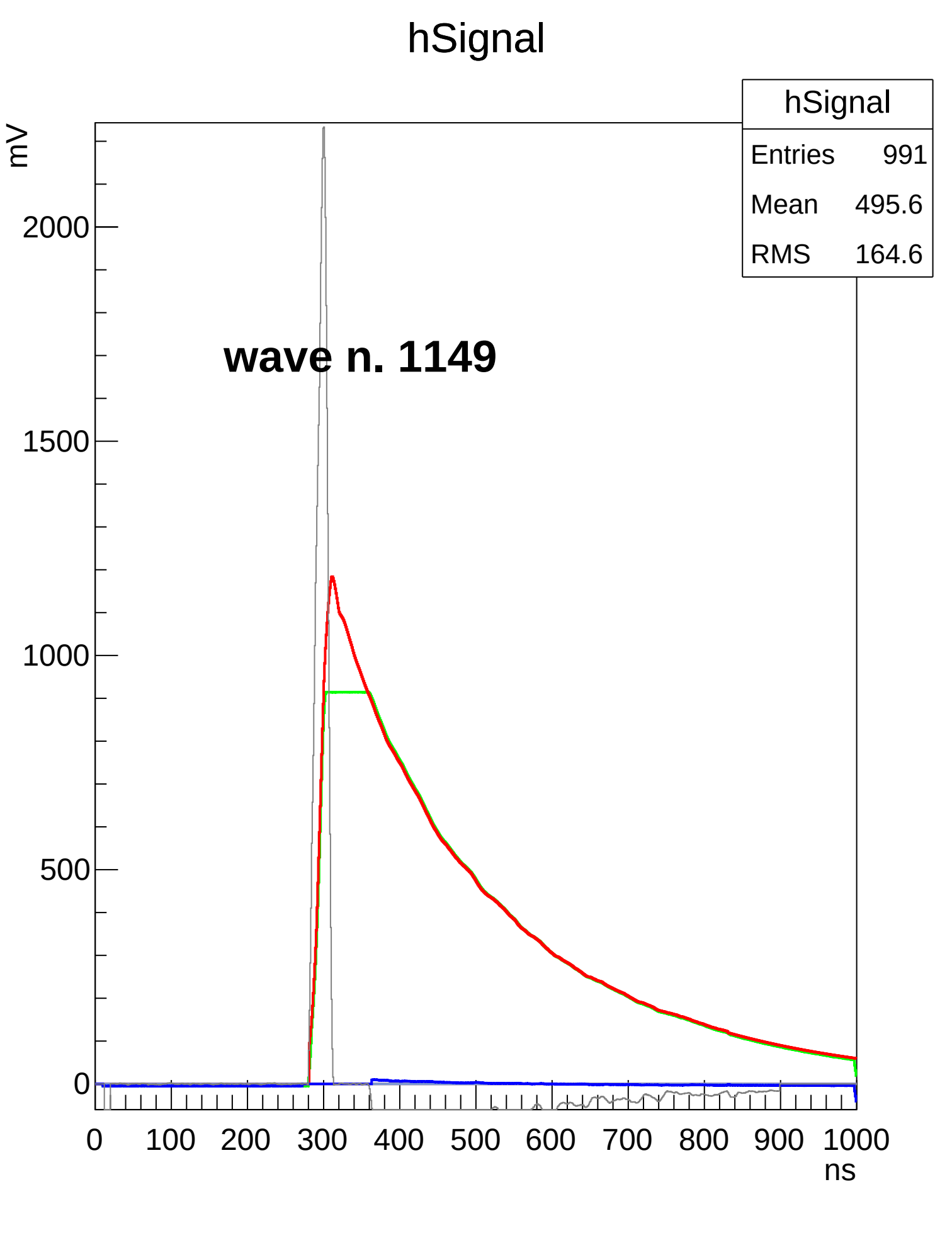
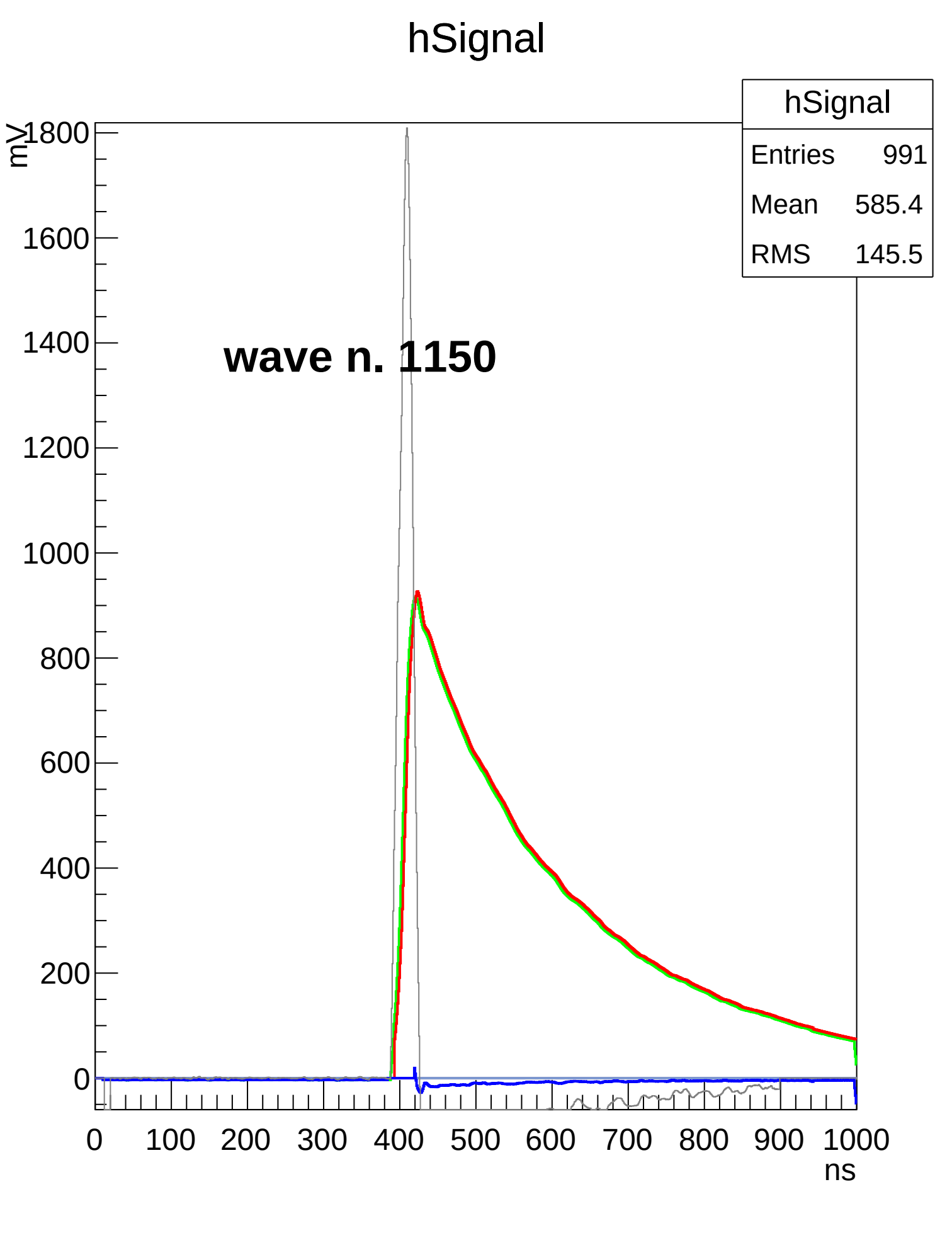
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 495.6
RMS 164.6
wave n. 1149
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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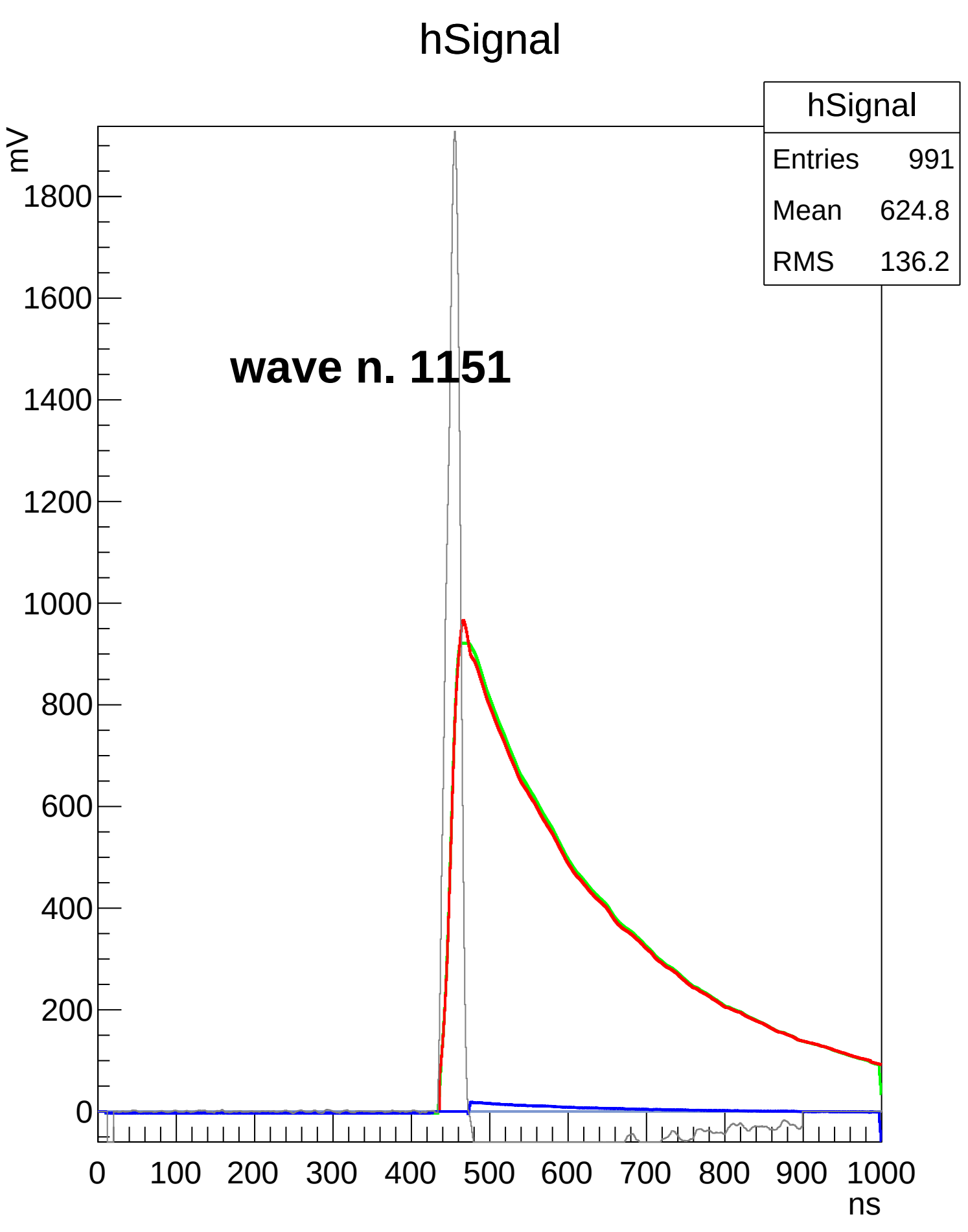
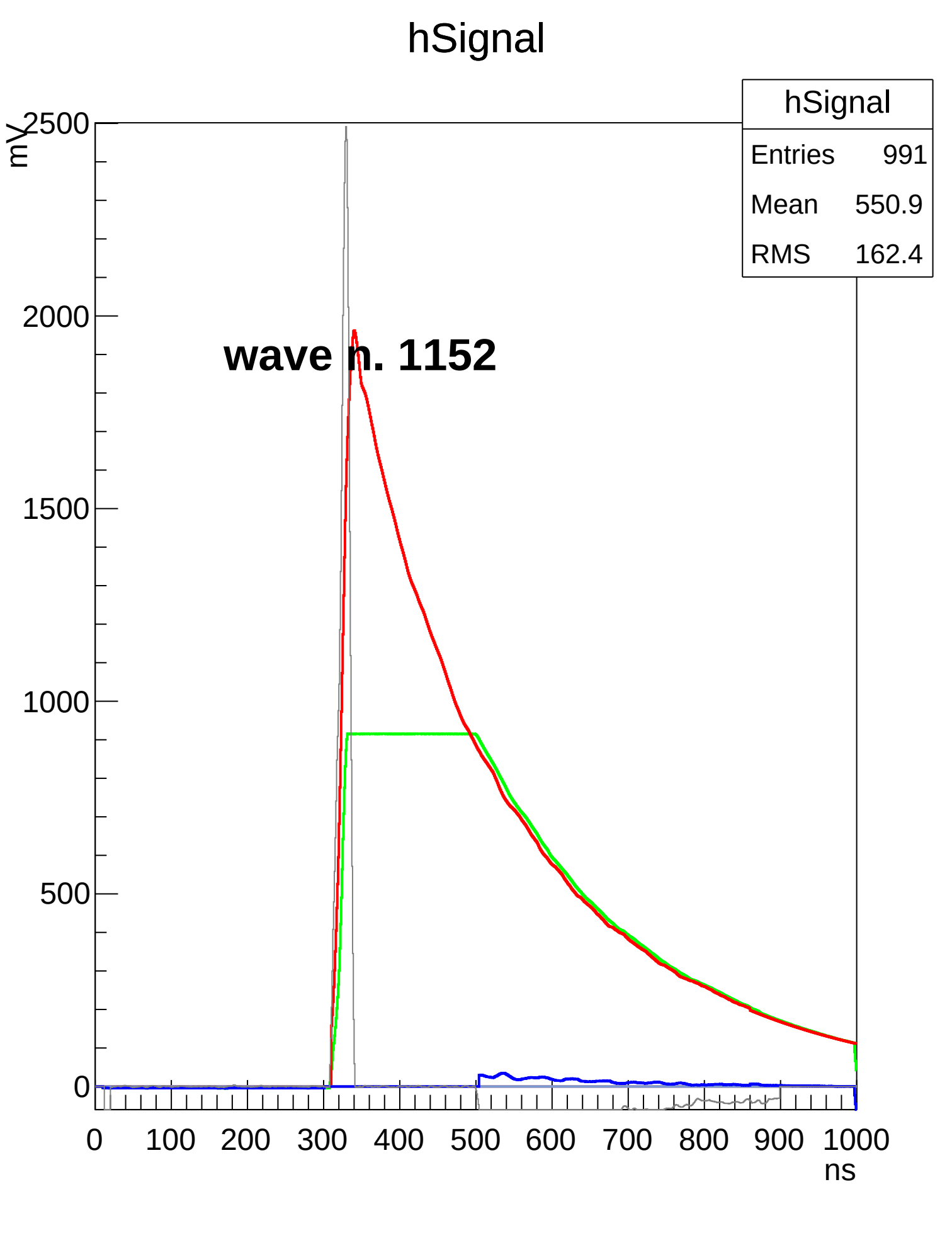
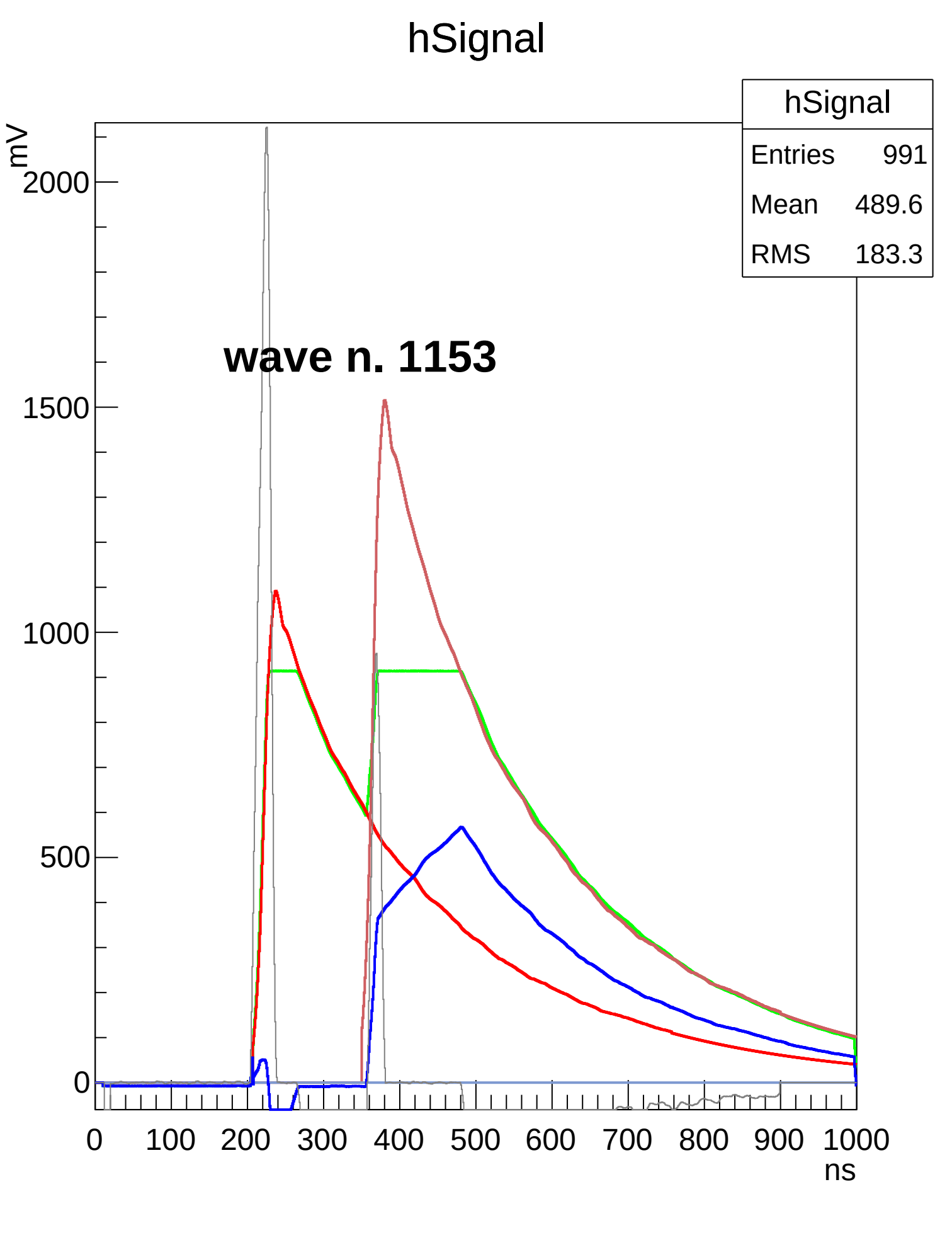
hSignal
Entries 991
Mean 585.4
RMS 145.5
wave n. 1150
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 624.8
RMS 136.2
wave n. 1151
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.9
RMS 162.4
wave n. 1152
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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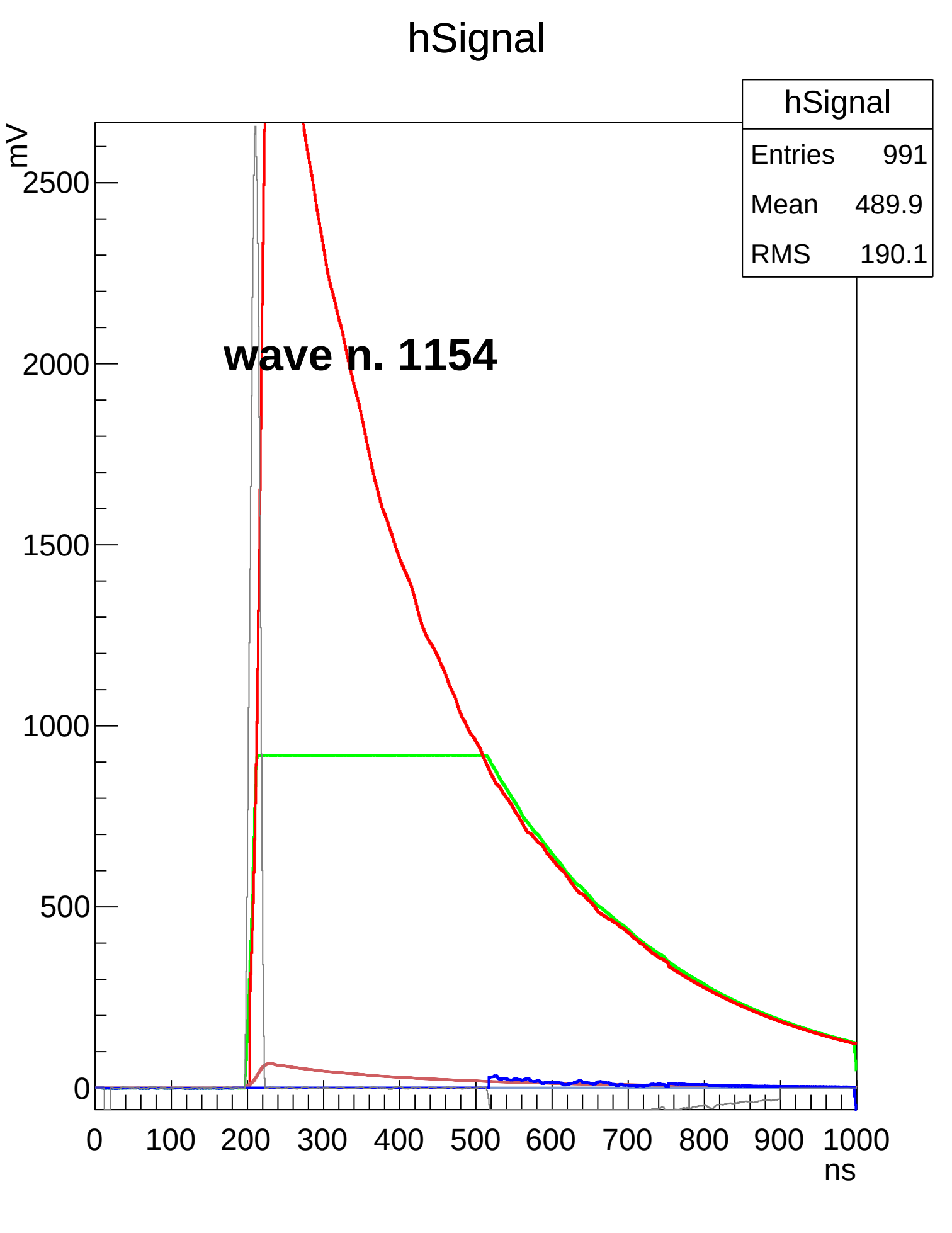
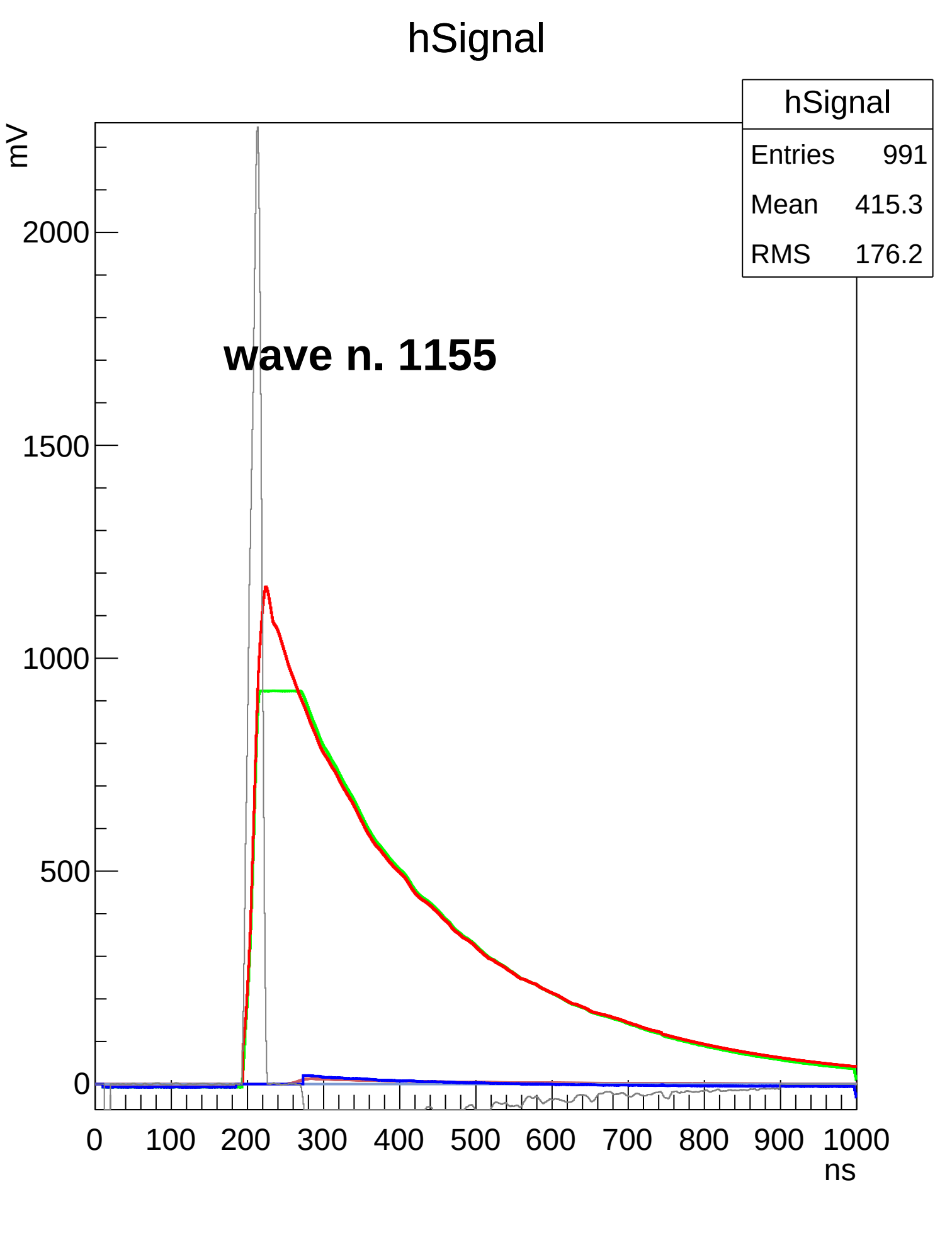
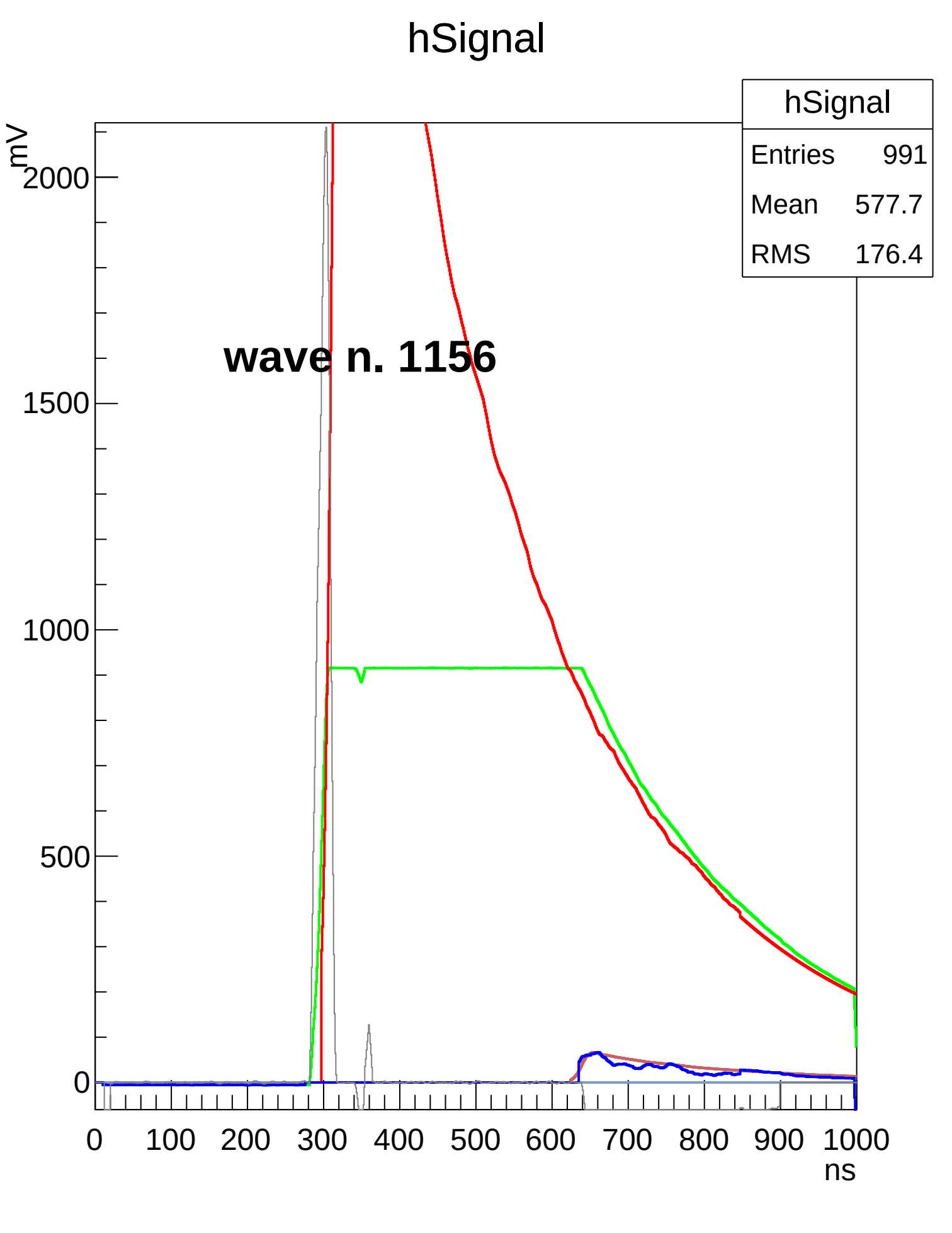
hSignal
Entries 991
Mean 489.6
RMS 183.3
wave n. 1153
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 489.9
RMS 190.1
wave n. 1154
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 415.3
RMS 176.2
wave n. 1155
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.7
RMS 176.4
wave n. 1156
mV
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1500
1000
500
0
0
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200
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400
500
600
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800
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1000
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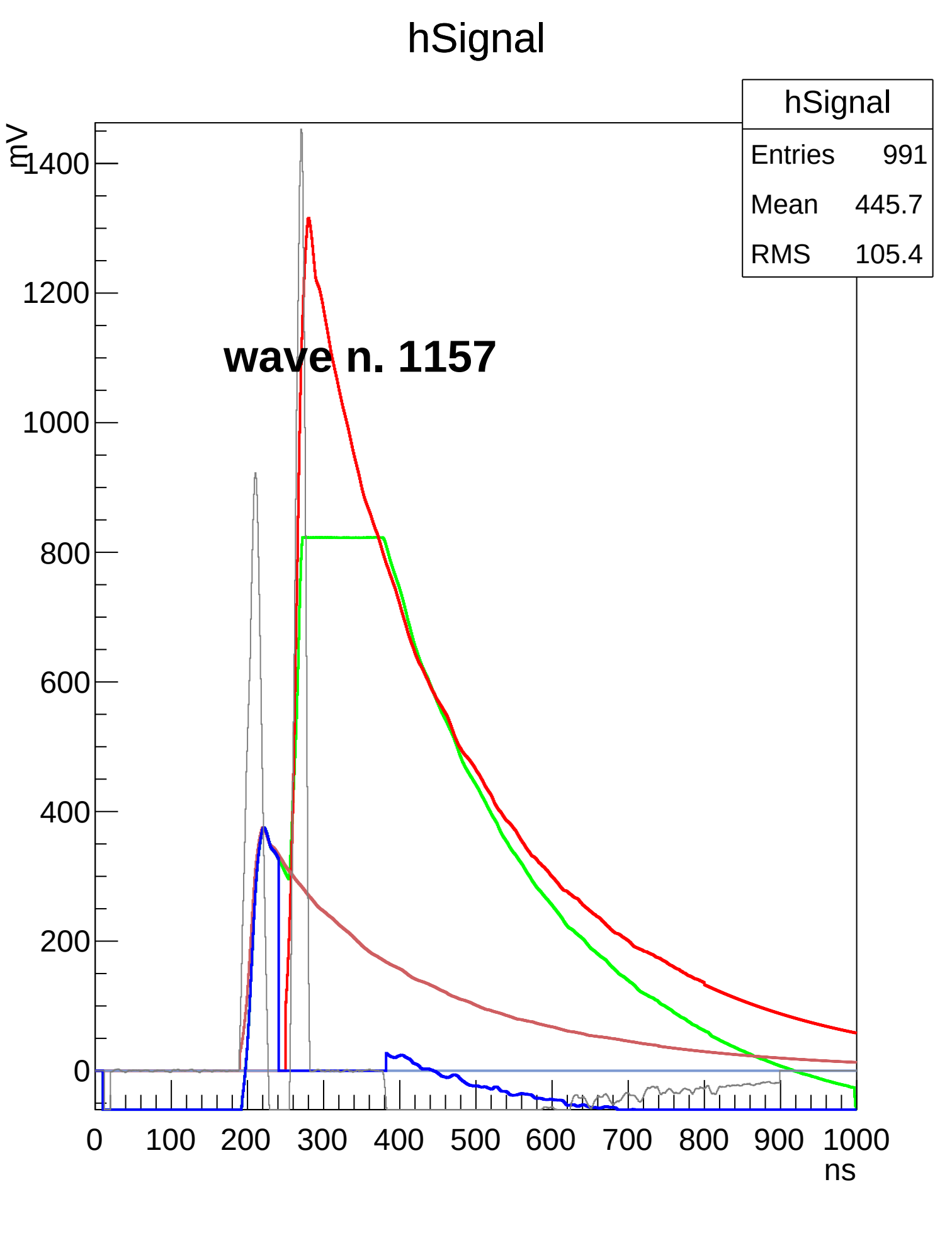
hSignal
hSignal
Entries 991
Mean 445.7
RMS 105.4
wave n. 1157
mV
1400
1200
1000
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600
400
200
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100
200
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400
500
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1000
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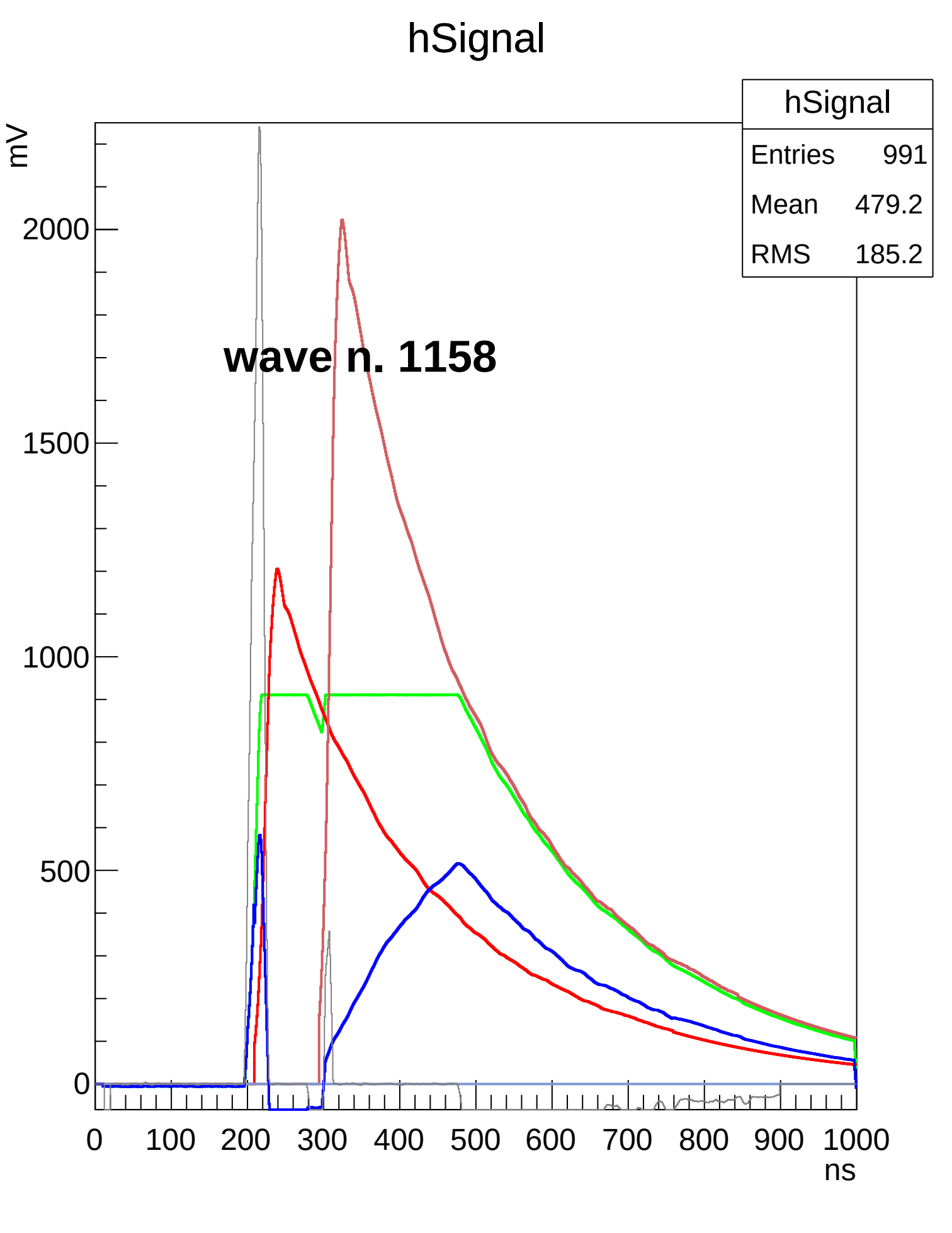
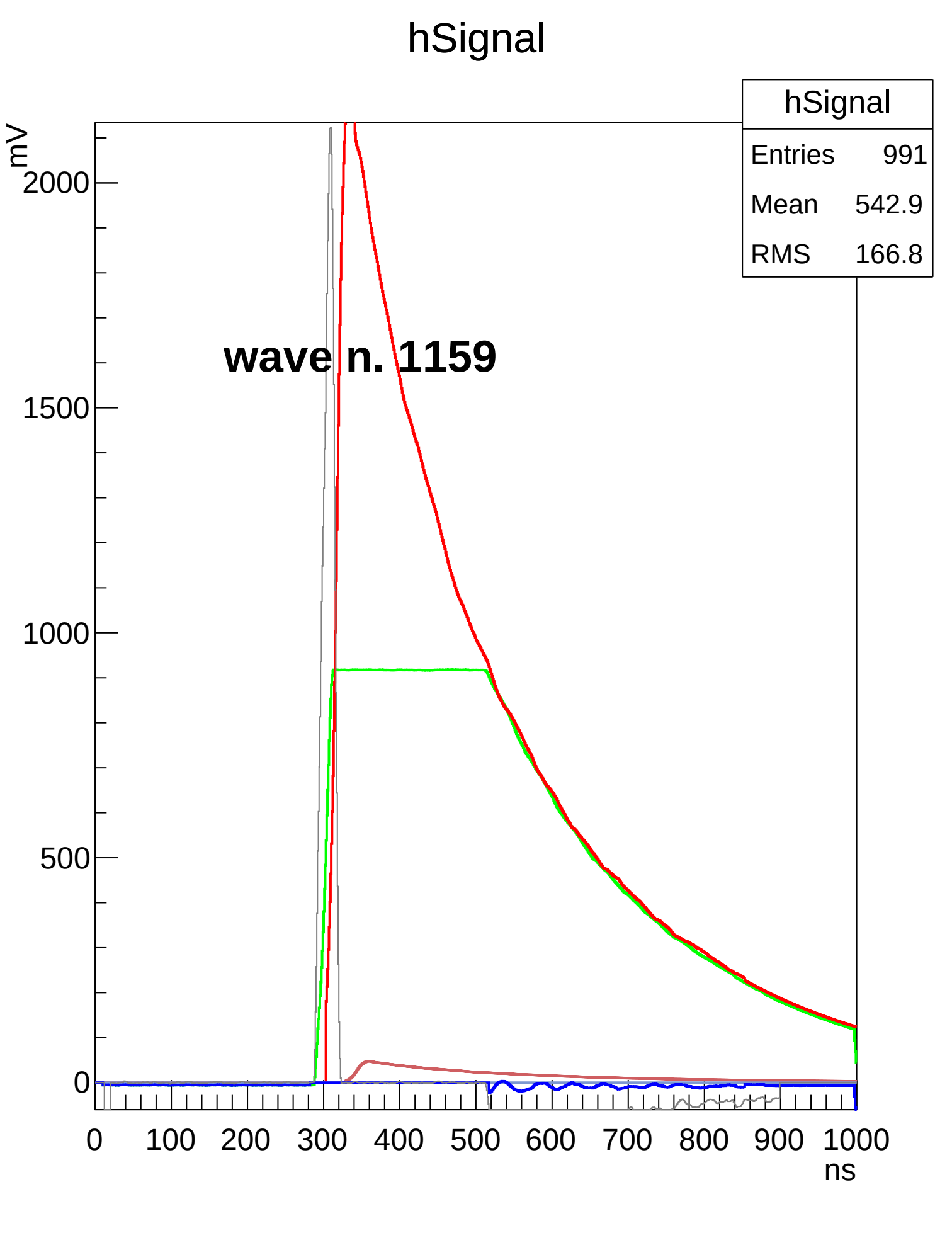

hSignal
hSignal
Entries 991
Mean 479.2
RMS 185.2
wave n. 1158
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.9
RMS 166.8
wave n. 1159
mV
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1500
1000
500
0
0
100
200
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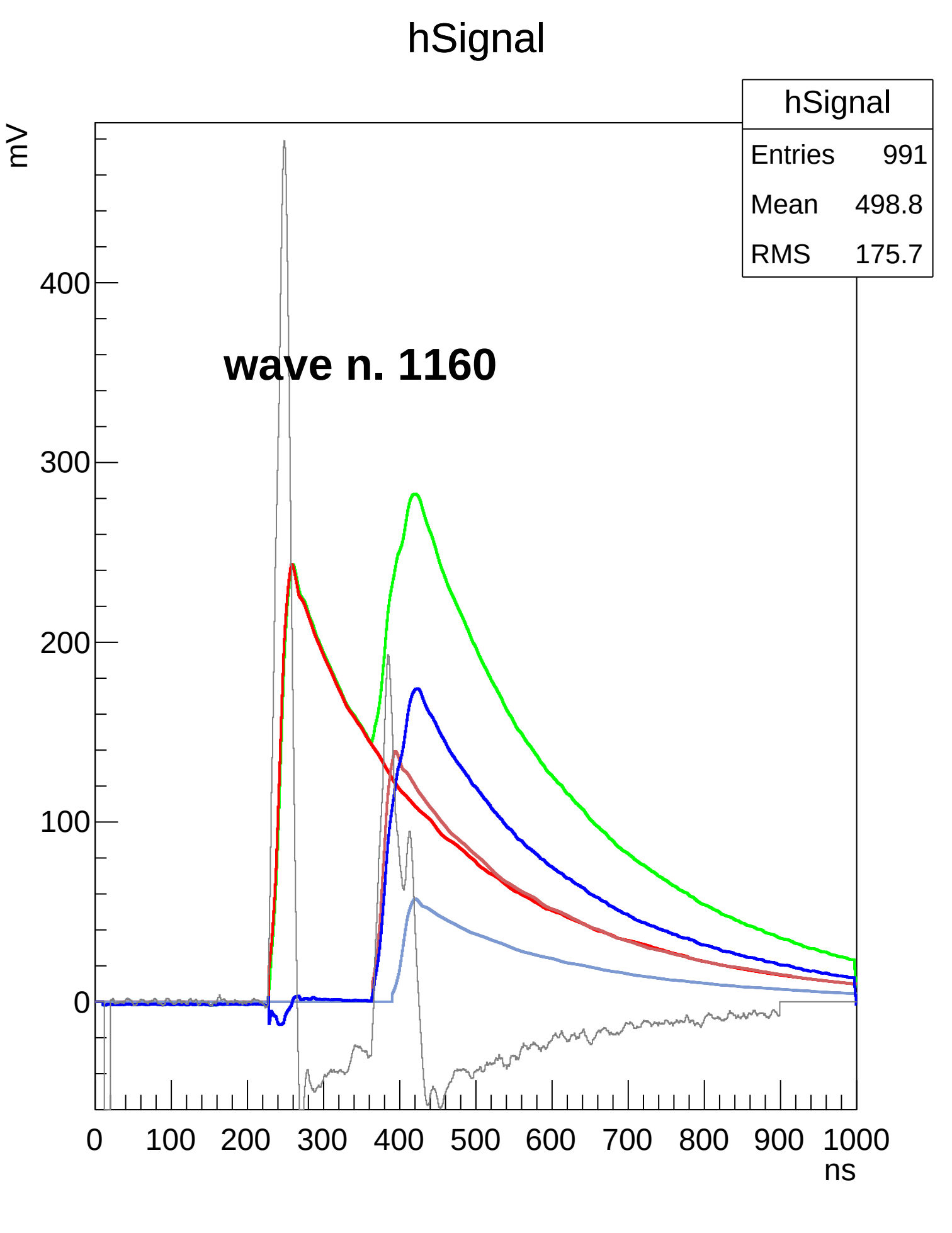
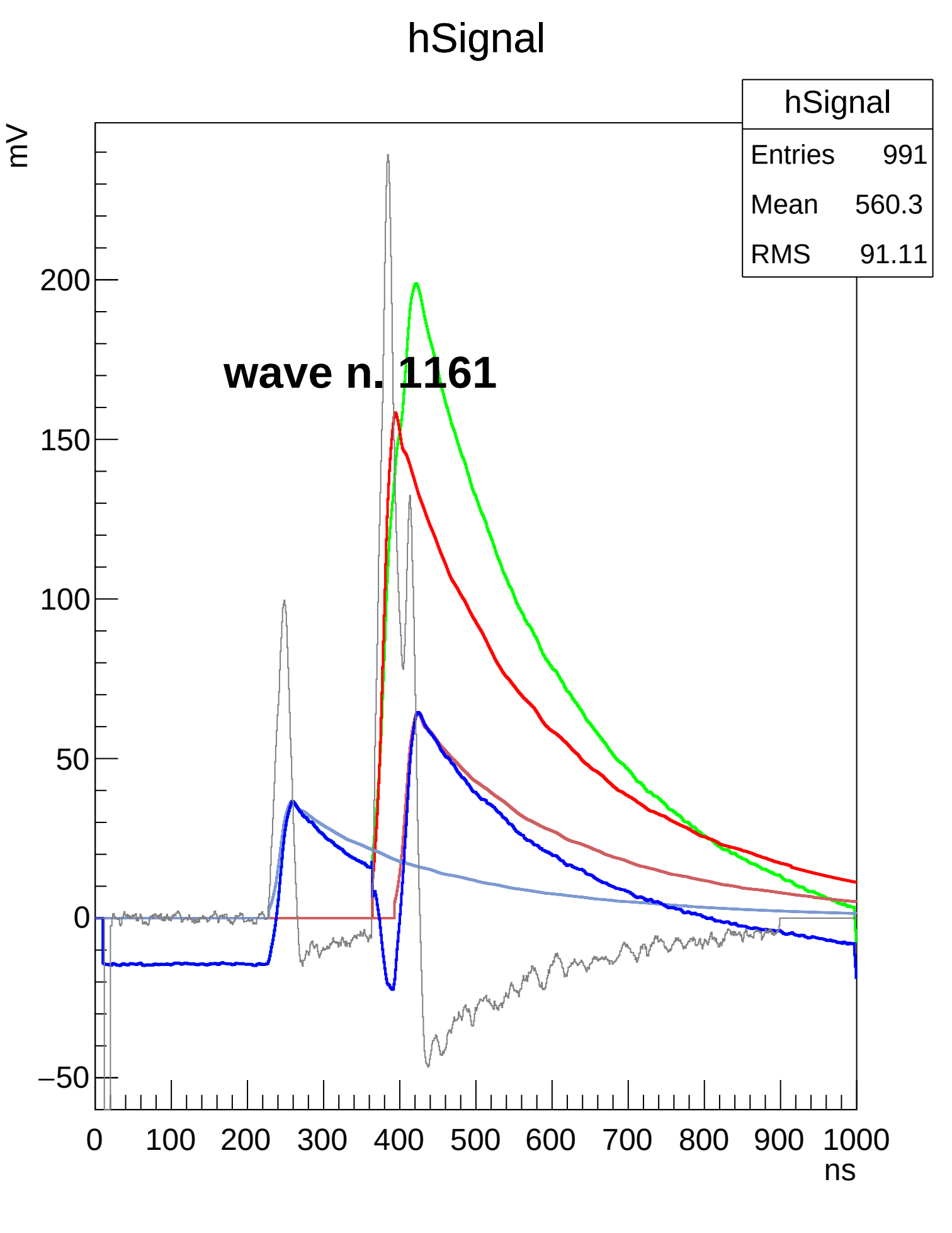
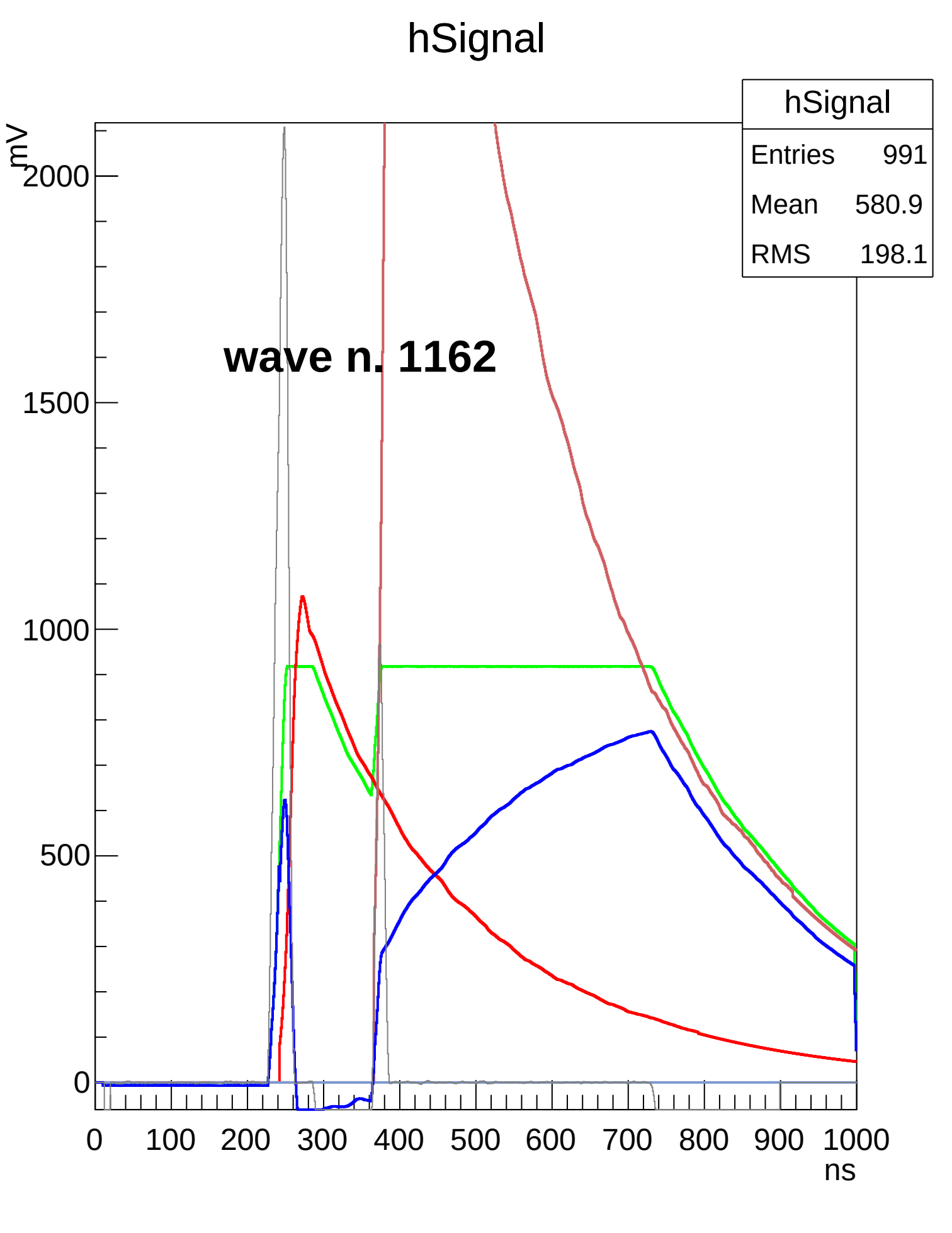
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 498.8
RMS 175.7
wave n. 1160
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 560.3
RMS 91.11
wave n. 1161
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580.9
RMS 198.1
wave n. 1162
mV
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1500
1000
500
0
0
100
200
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400
500
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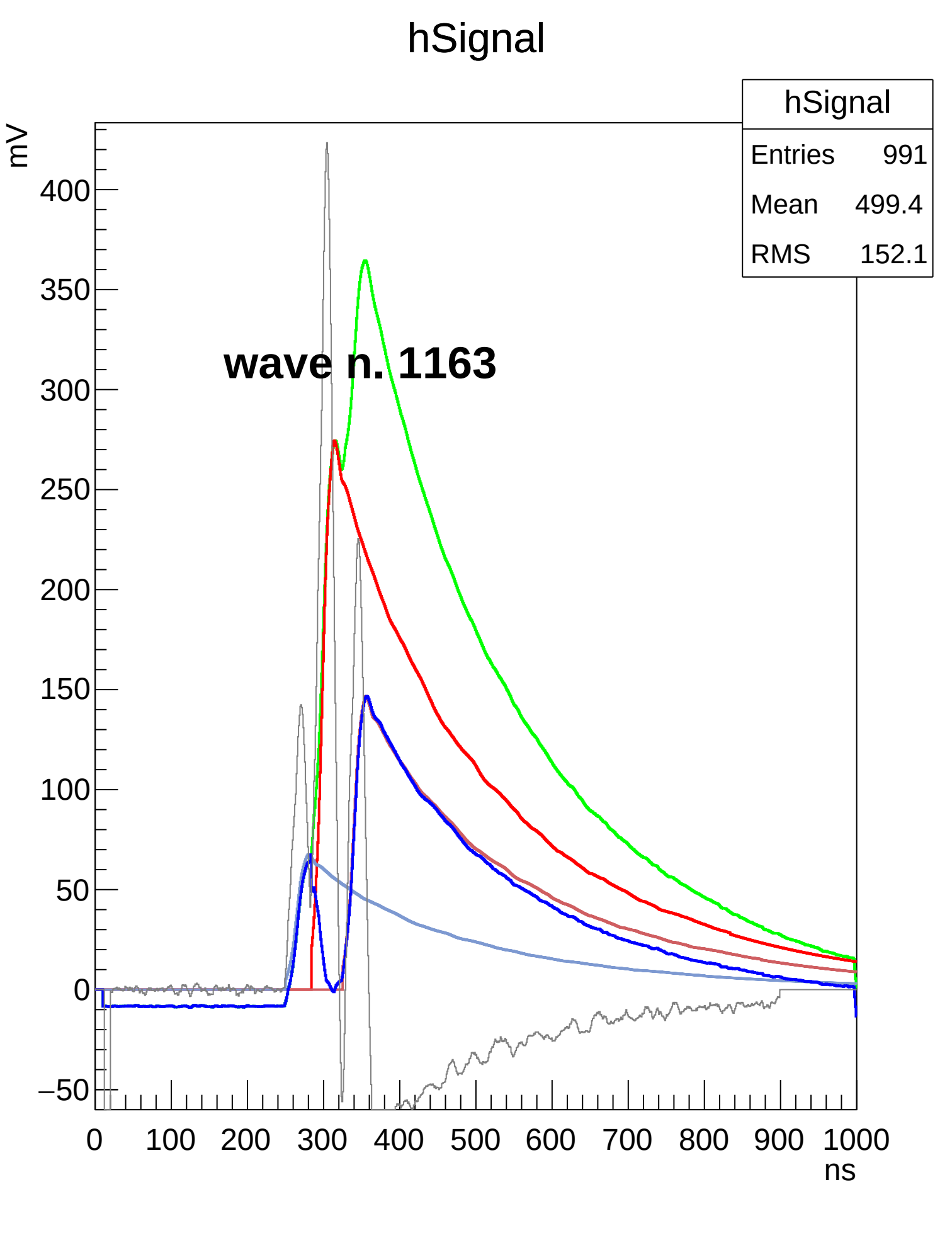
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.4
RMS 152.1
wave n. 1163
mV
400
350
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250
200
150
100
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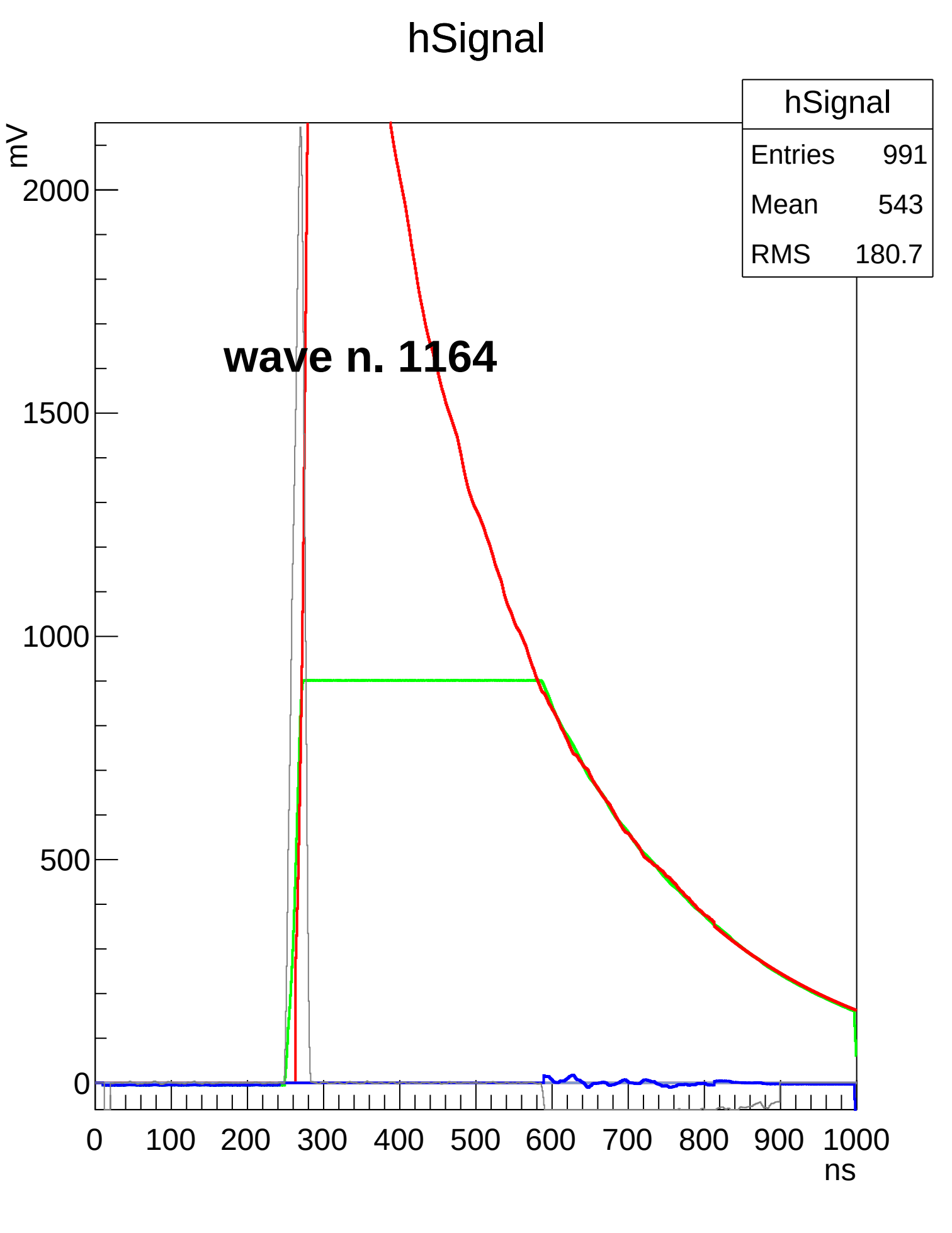
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 543
RMS 180.7
wave n. 1164
mV
2000
1500
1000
500
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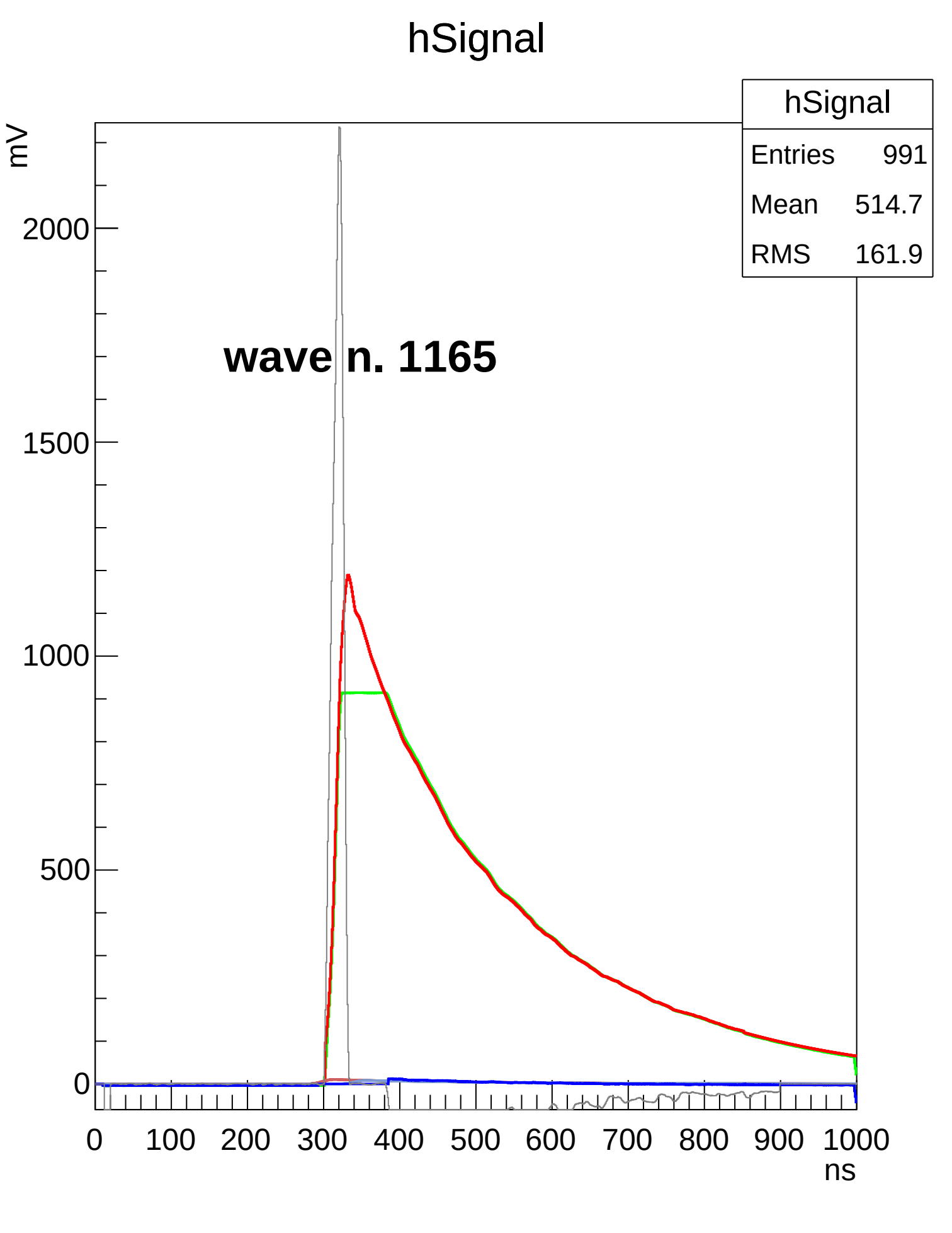
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 514.7
RMS 161.9
wave n. 1165
mV
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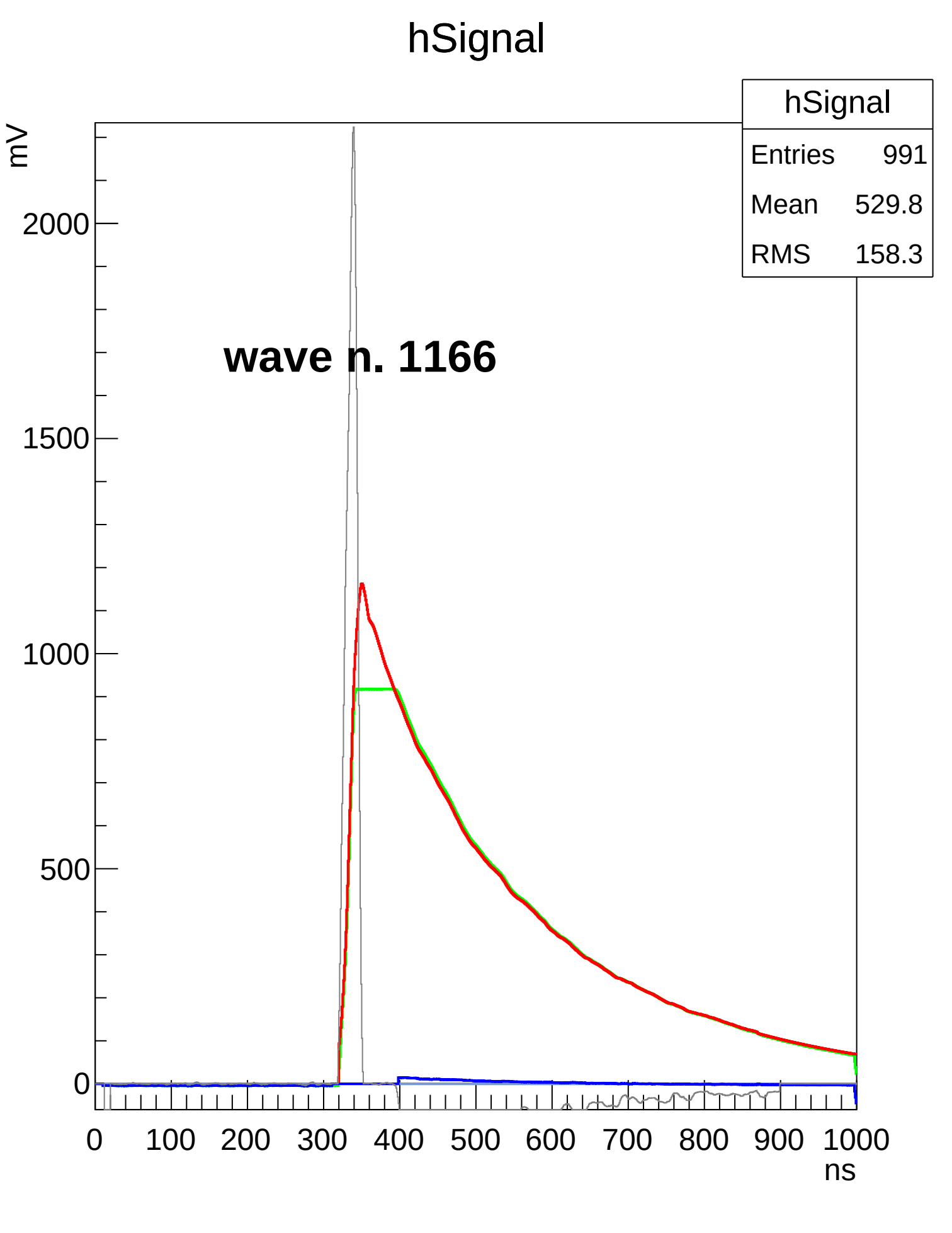
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 529.8
RMS 158.3
wave n. 1166
mV
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1500
1000
500
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0
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400
500
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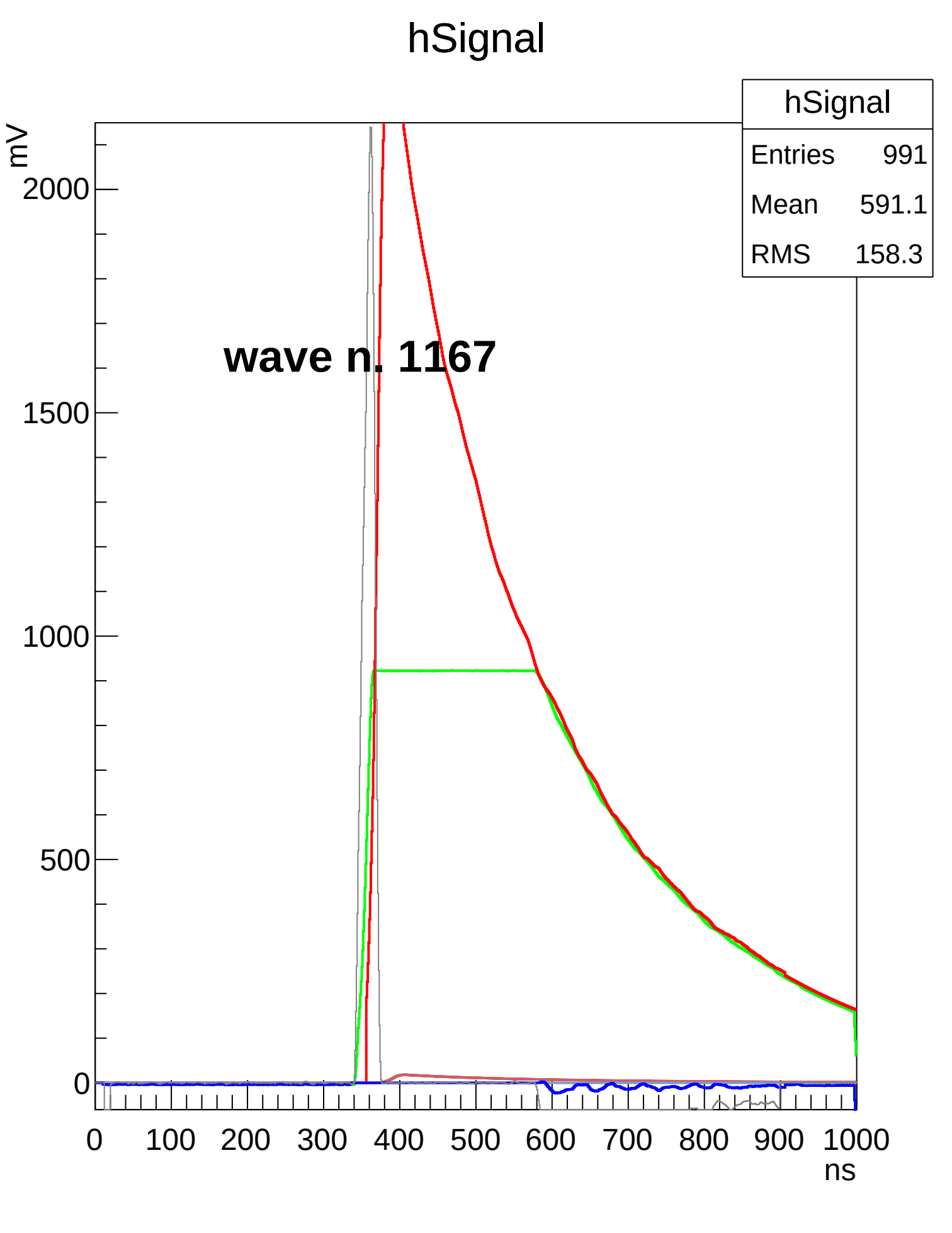
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 591.1
RMS 158.3
wave n. 1167
mV
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1500
1000
500
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0
100
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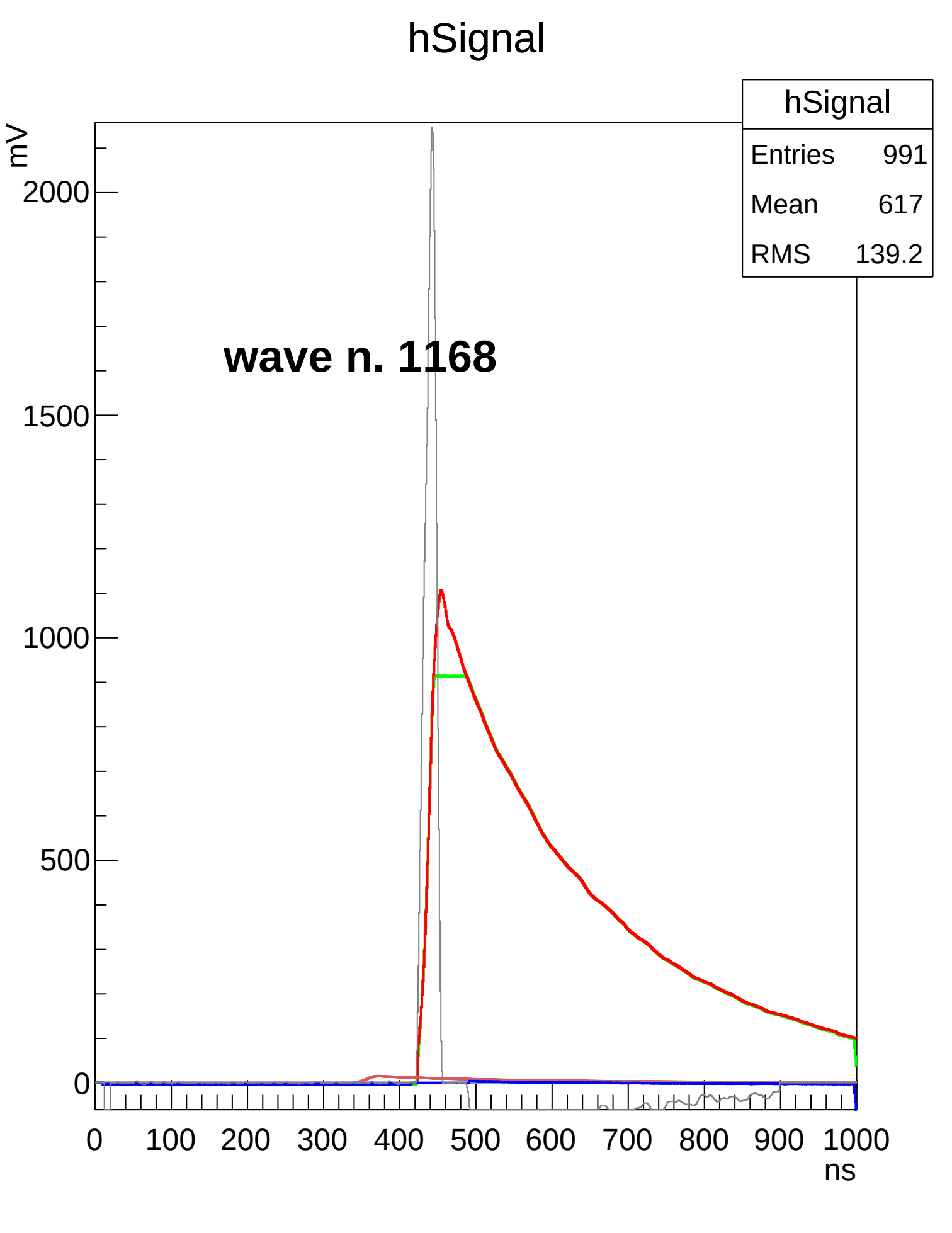
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 617
RMS 139.2
wave n. 1168
mV
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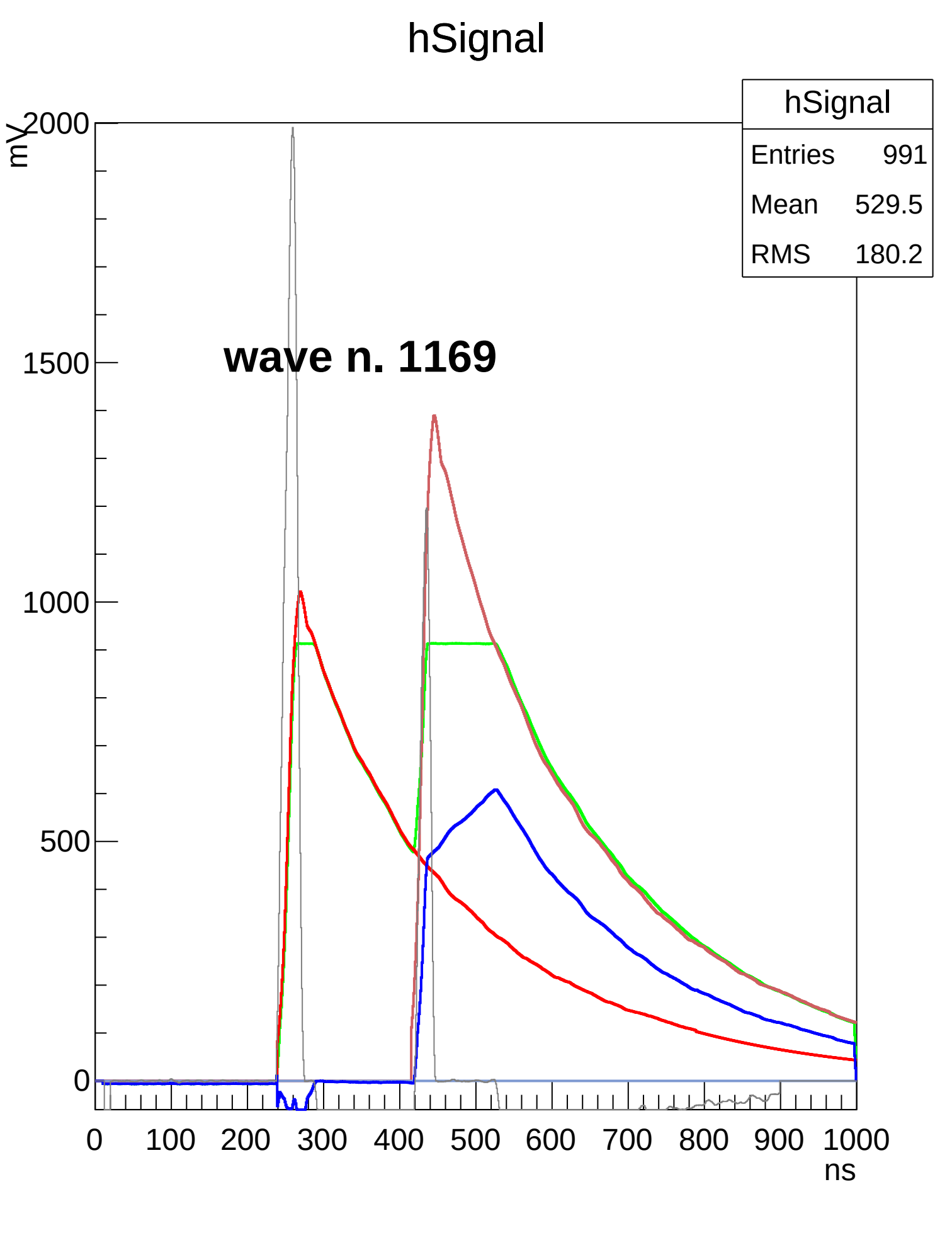
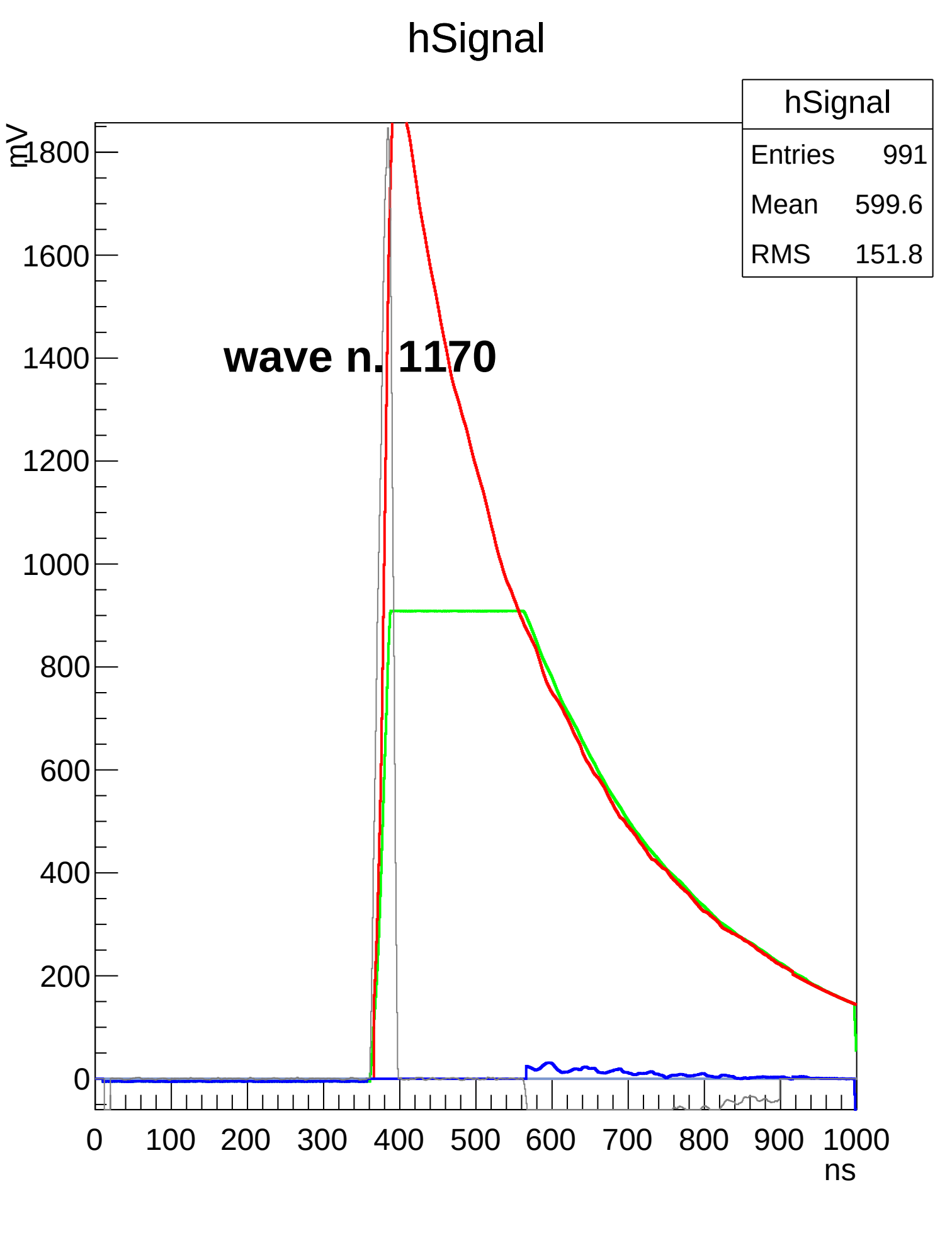
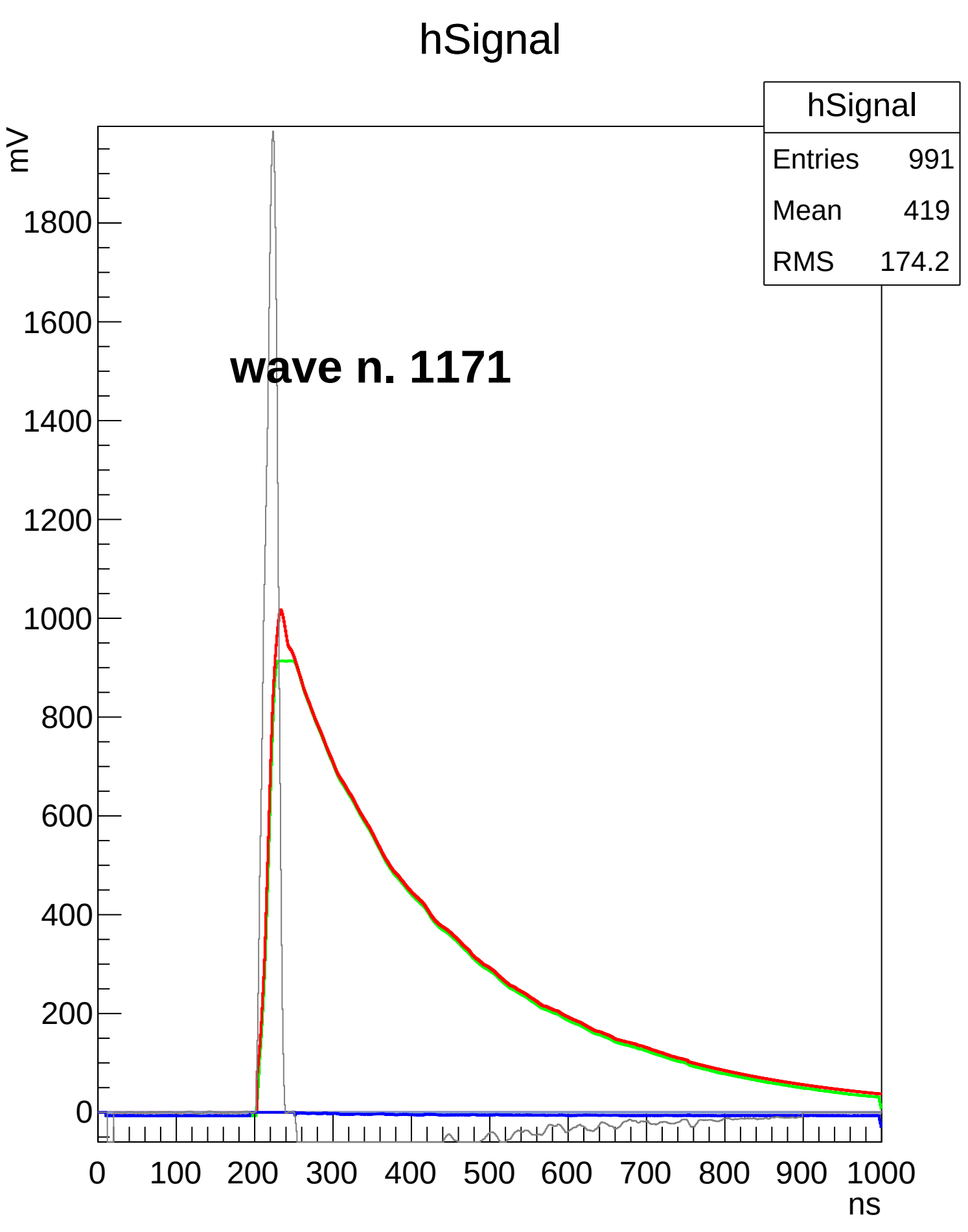
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 529.5
RMS 180.2
wave n. 1169
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 599.6
RMS 151.8
wave n. 1170
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 419
RMS 174.2
wave n. 1171
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1600
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1200
1000
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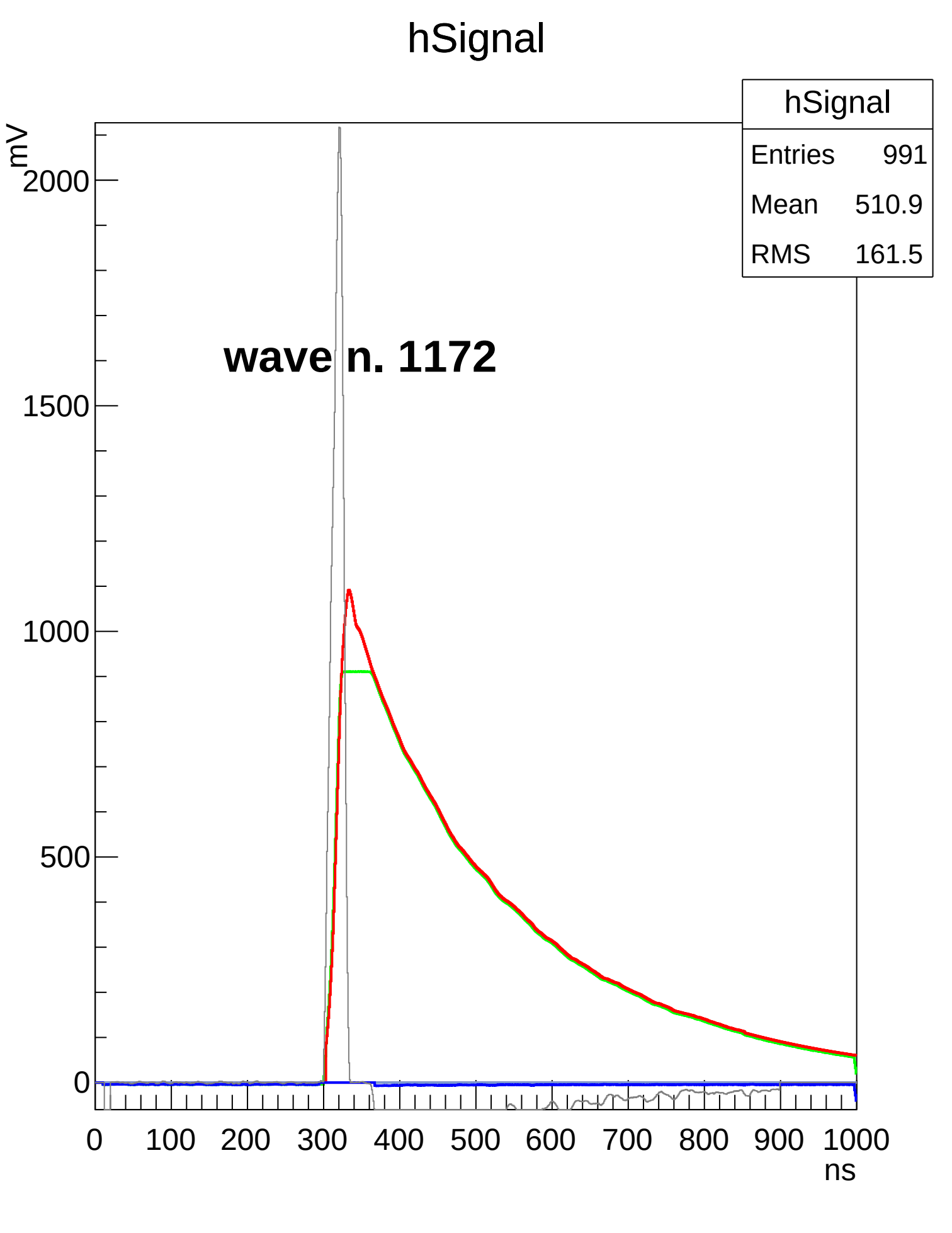
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 510.9
RMS 161.5
wave n. 1172
mV
2000
1500
1000
500
0
0
100
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400
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600
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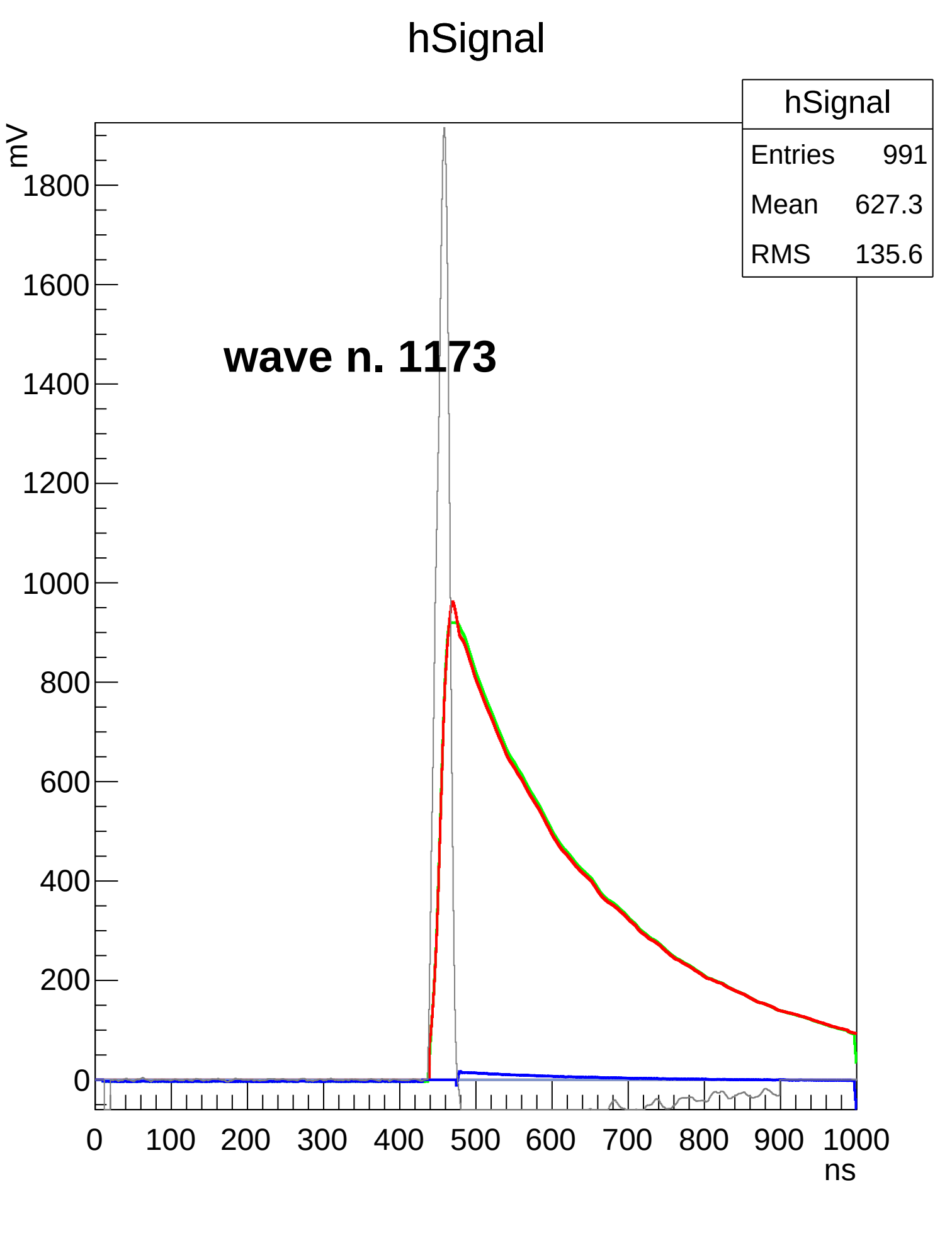
800
900
1000
ns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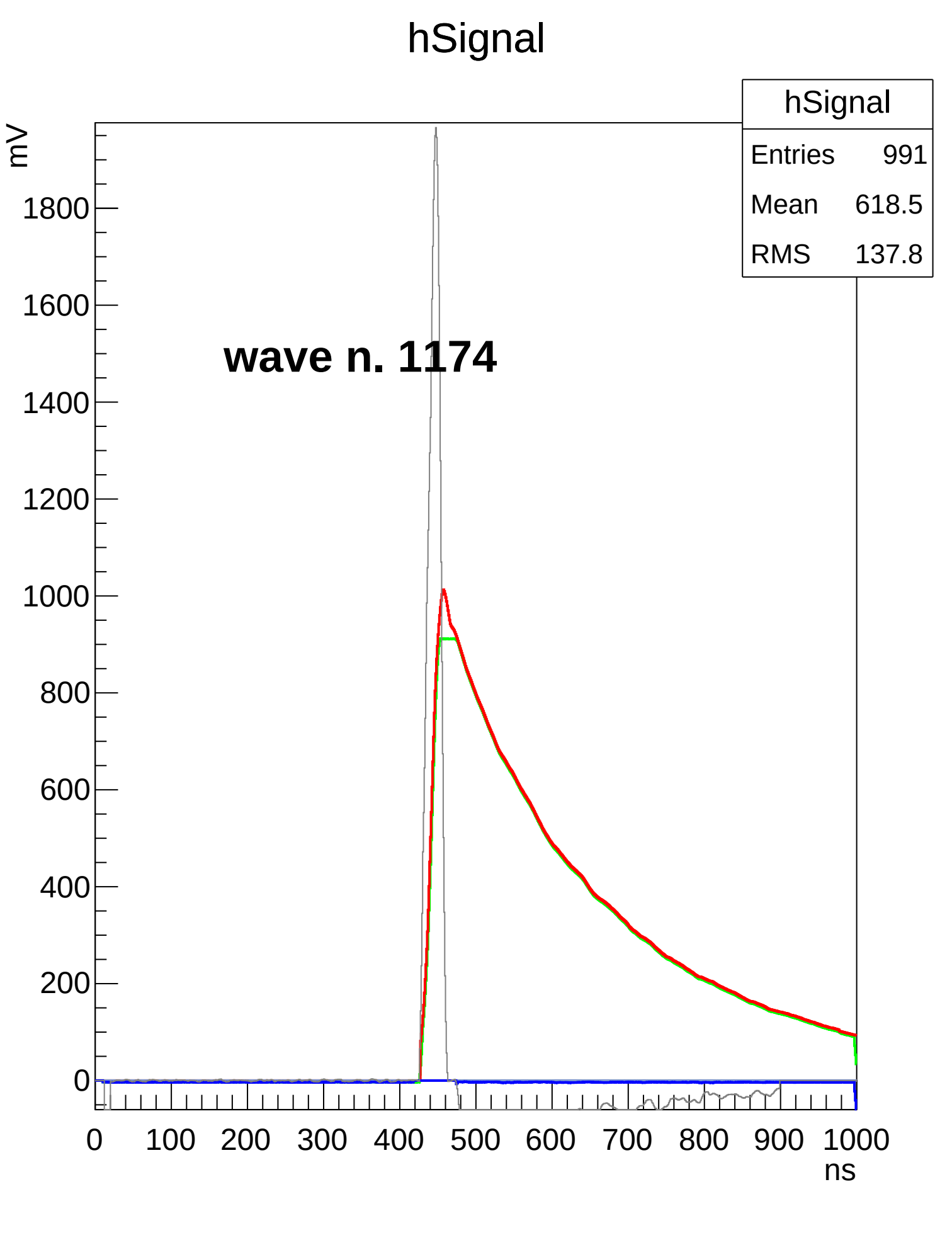
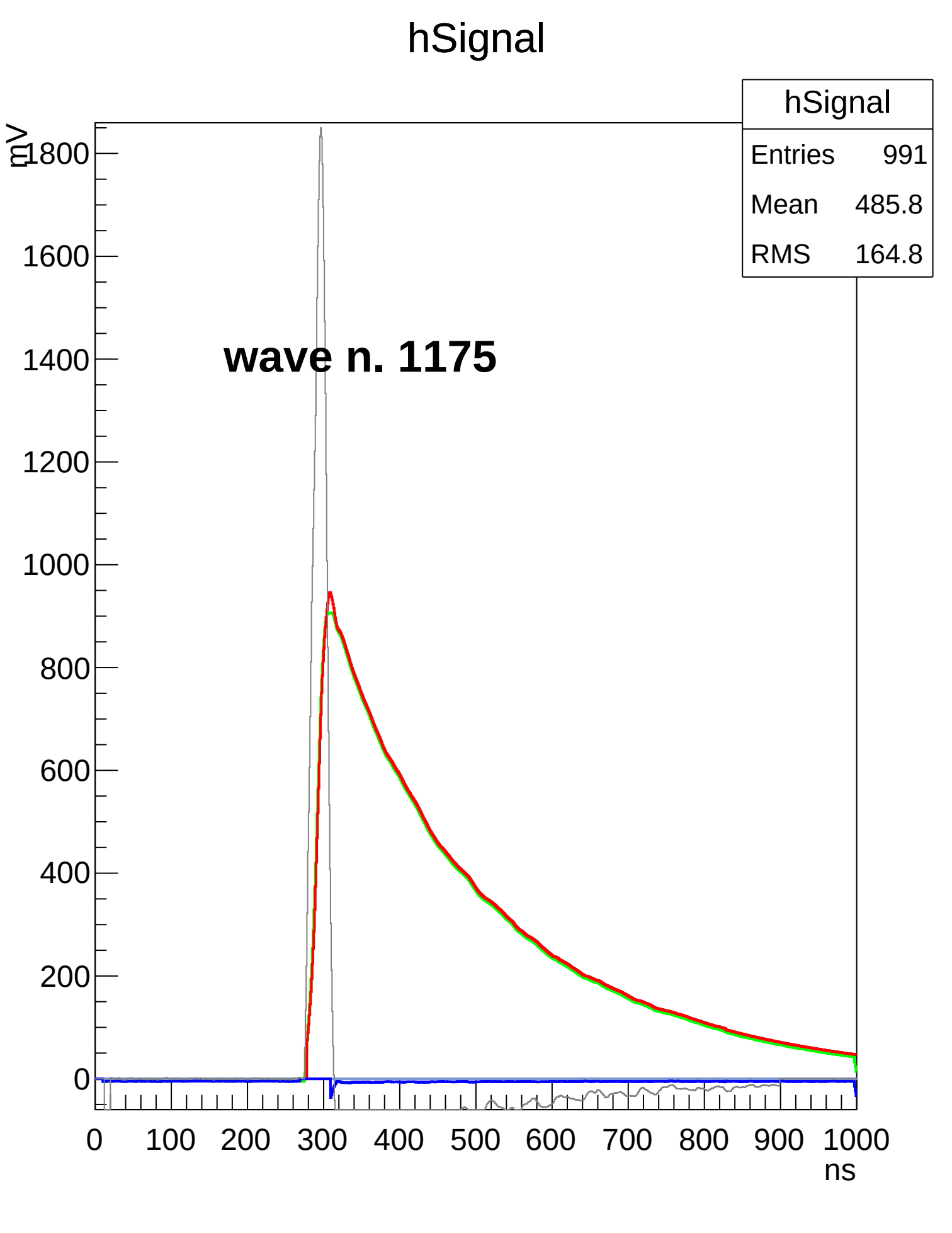
hSignal
Entries 991
Mean 627.3
RMS 135.6
wave n. 1173
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 618.5
RMS 137.8
wave n. 1174
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485.8
RMS 164.8
wave n. 1175
mV
1800
1600
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1200
1000
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600
400
200
0
0
100
200
300
400
500
600
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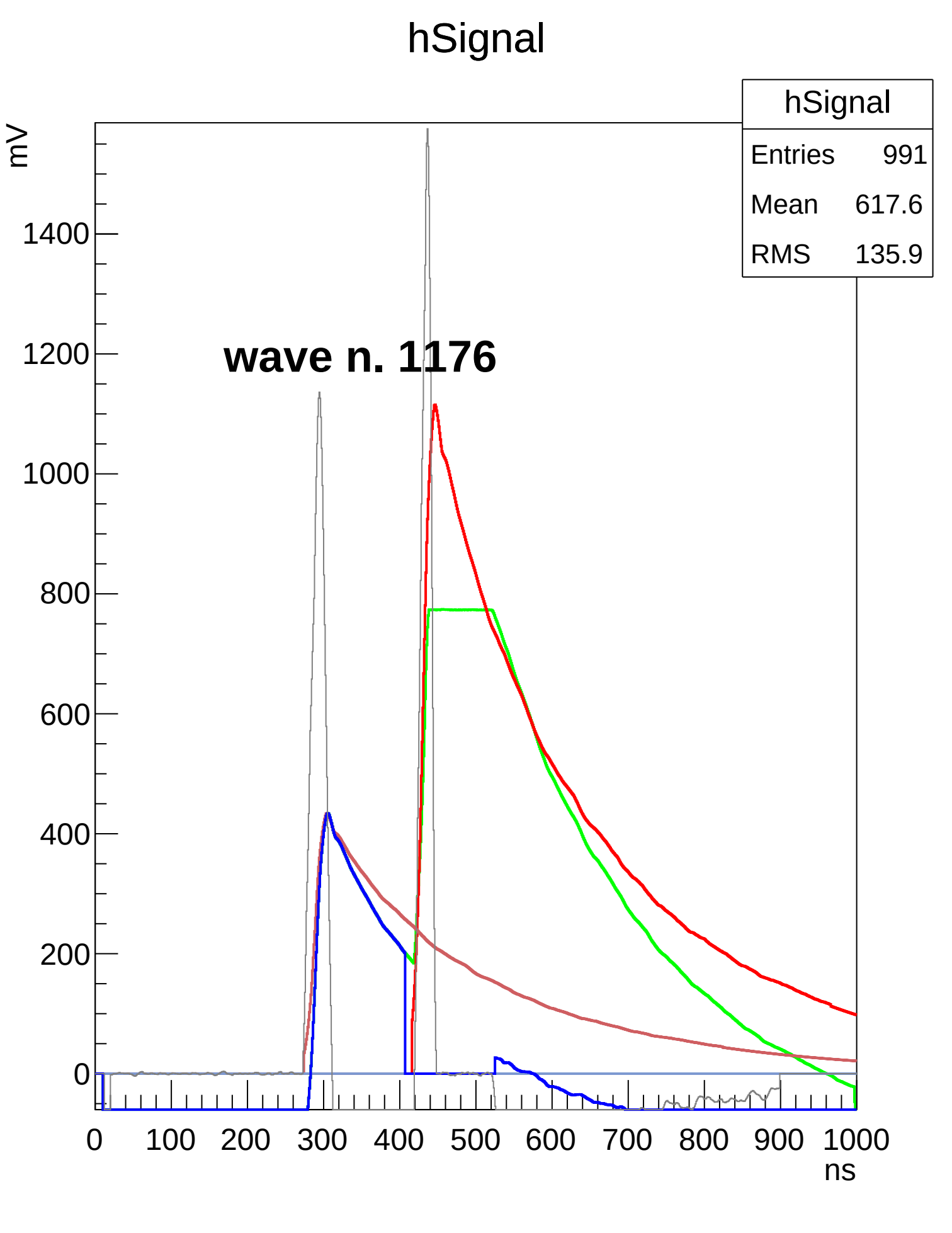
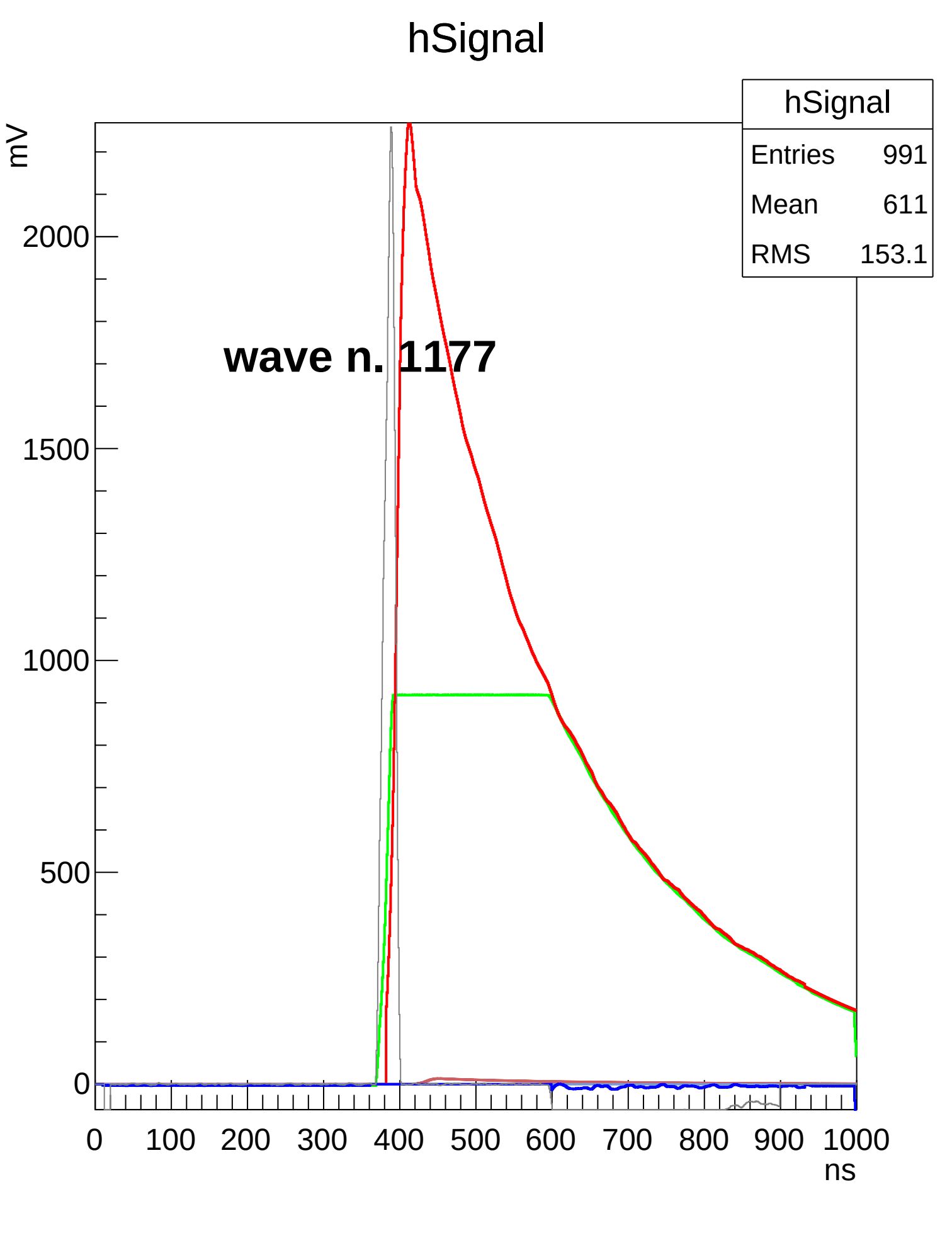
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 617.6
RMS 135.9
wave n. 1176
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
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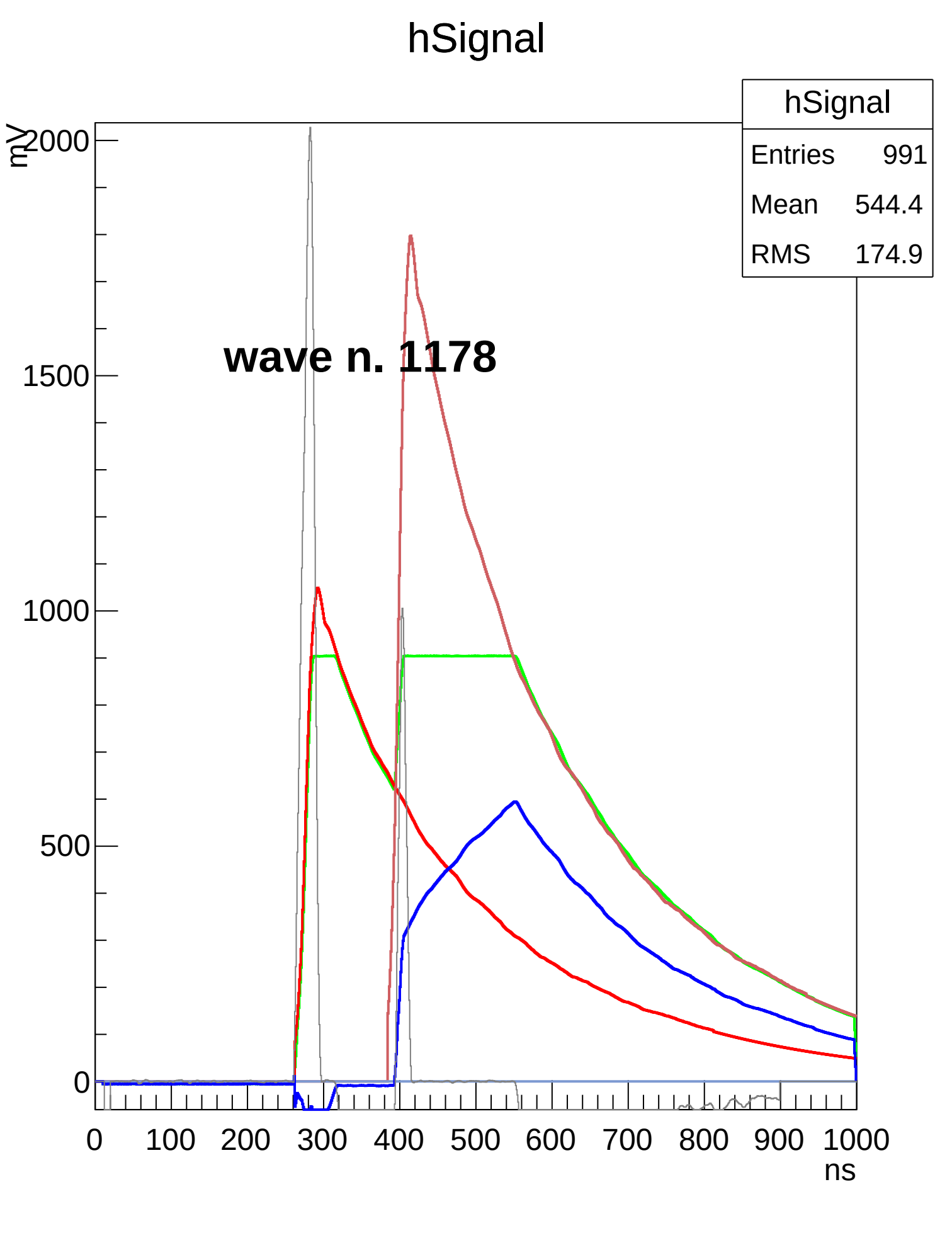
RMS 153.1
wave n. 1177
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 544.4
RMS 174.9
wave n. 1178
mV
2000
1500
1000
500
0
0
100
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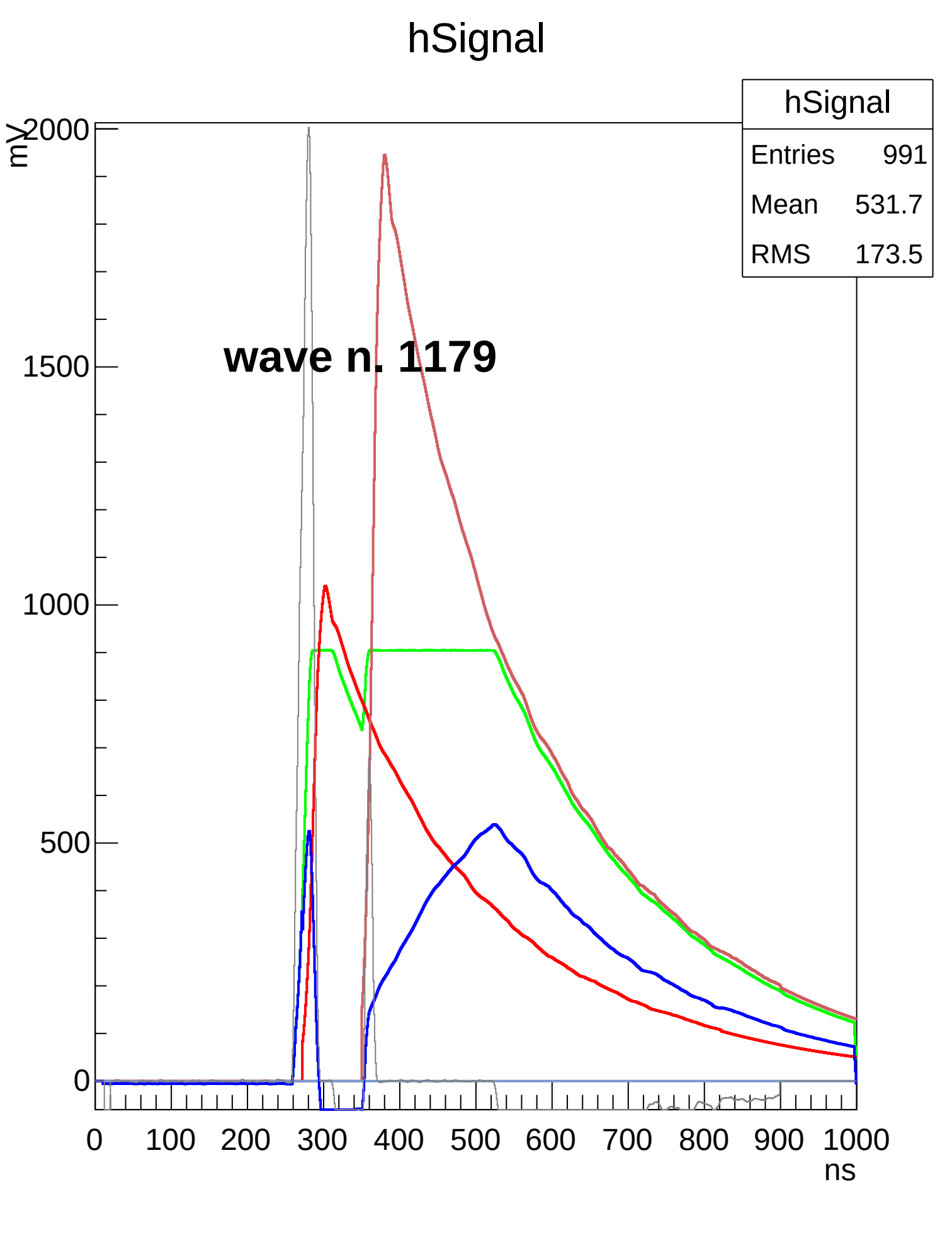
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 531.7
RMS 173.5
wave n. 1179
mV
2000
1500
1000
500
0
0
100
200
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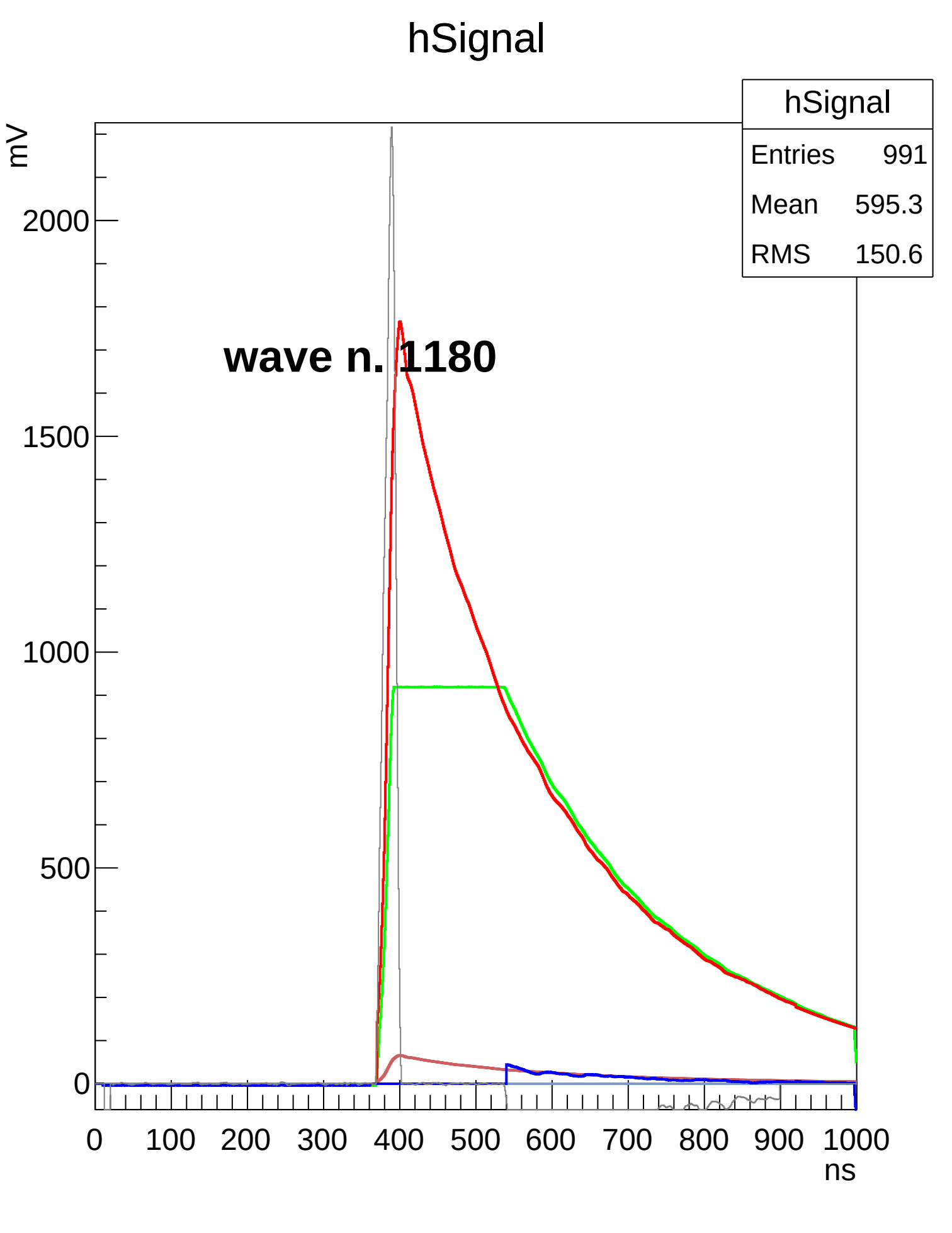
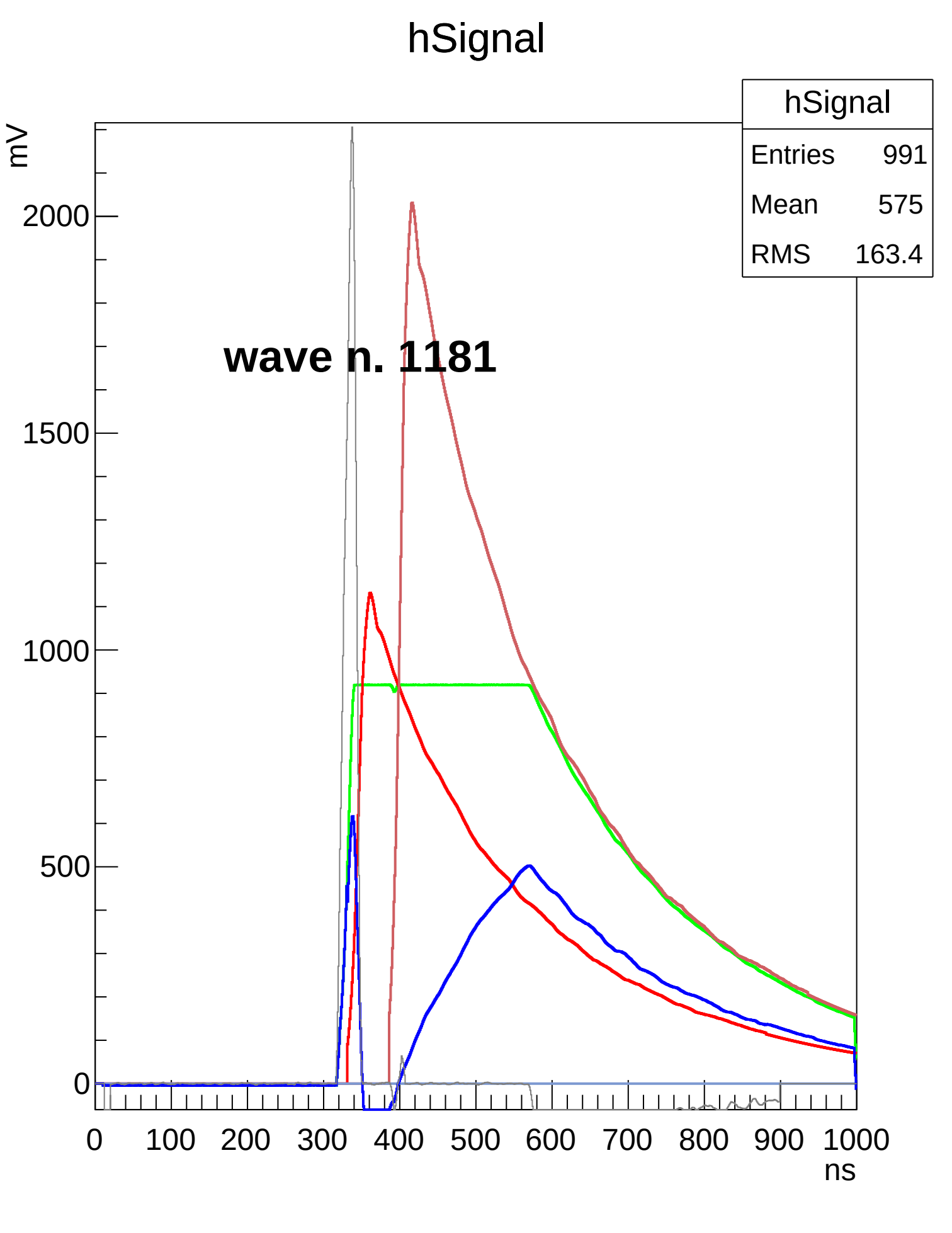
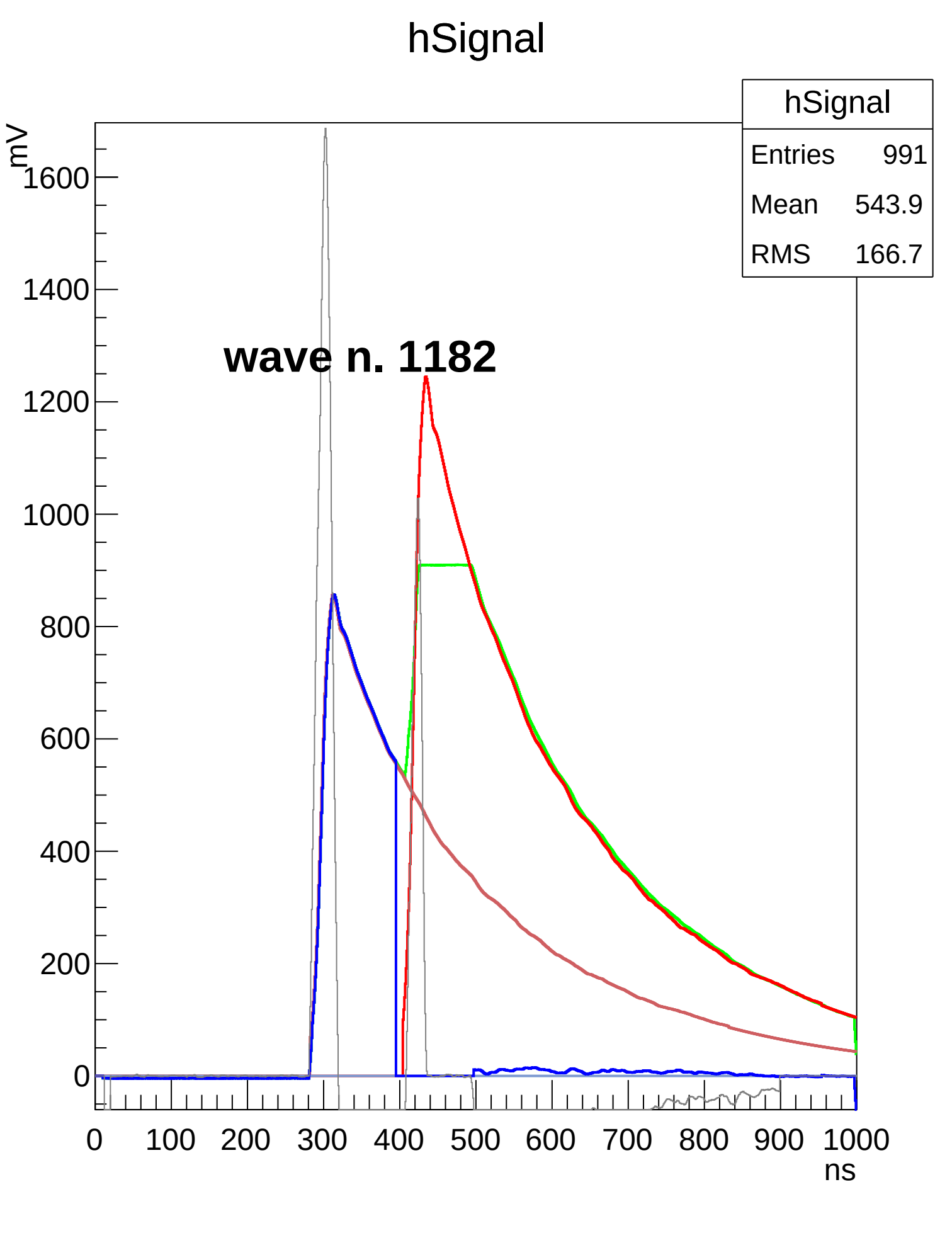
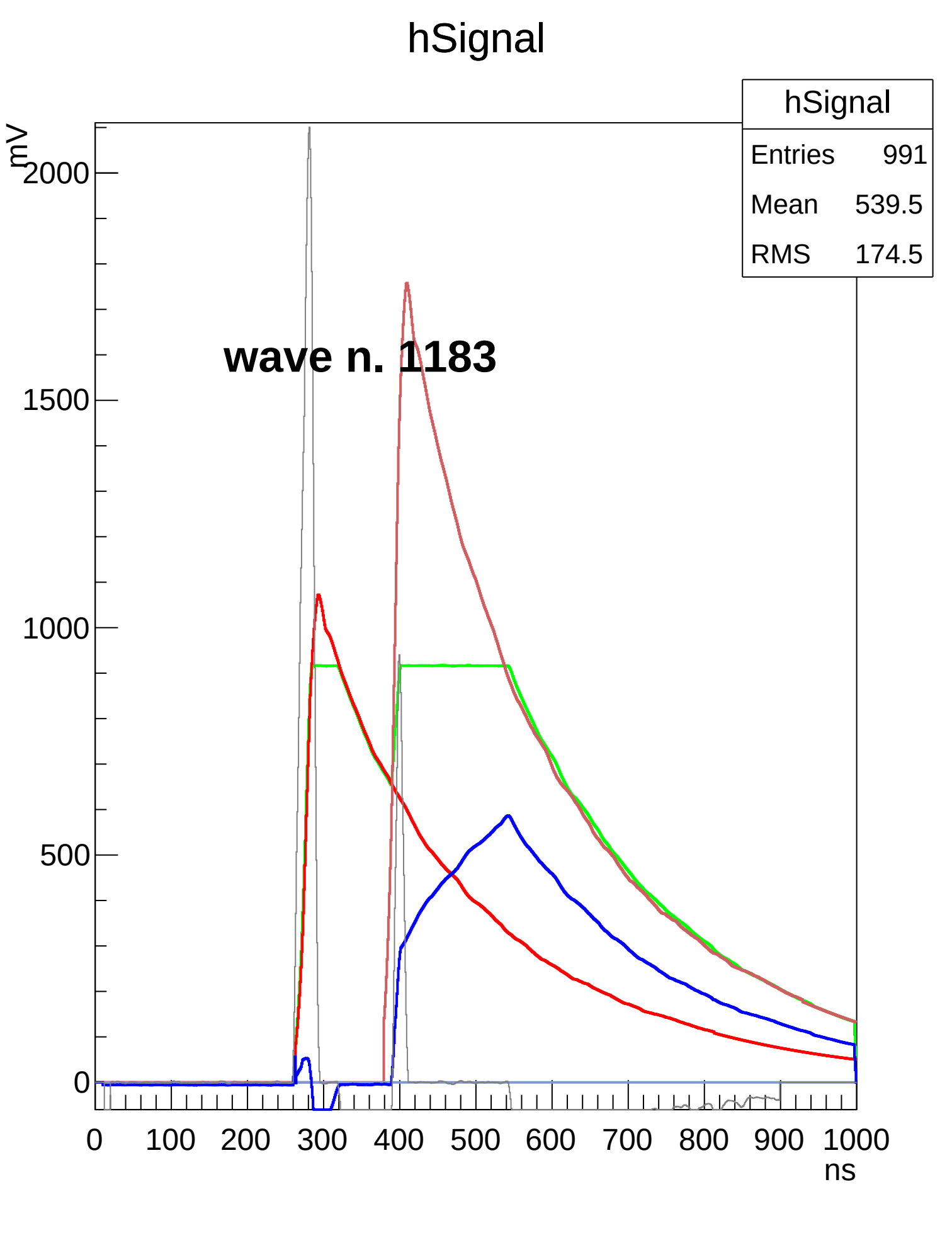
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 595.3
RMS 150.6
wave n. 1180
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 575
RMS 163.4
wave n. 1181
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 543.9
RMS 166.7
wave n. 1182
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.5
RMS 174.5
wave n. 1183
mV
2000
1500
1000
500
0
0
100
200
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400
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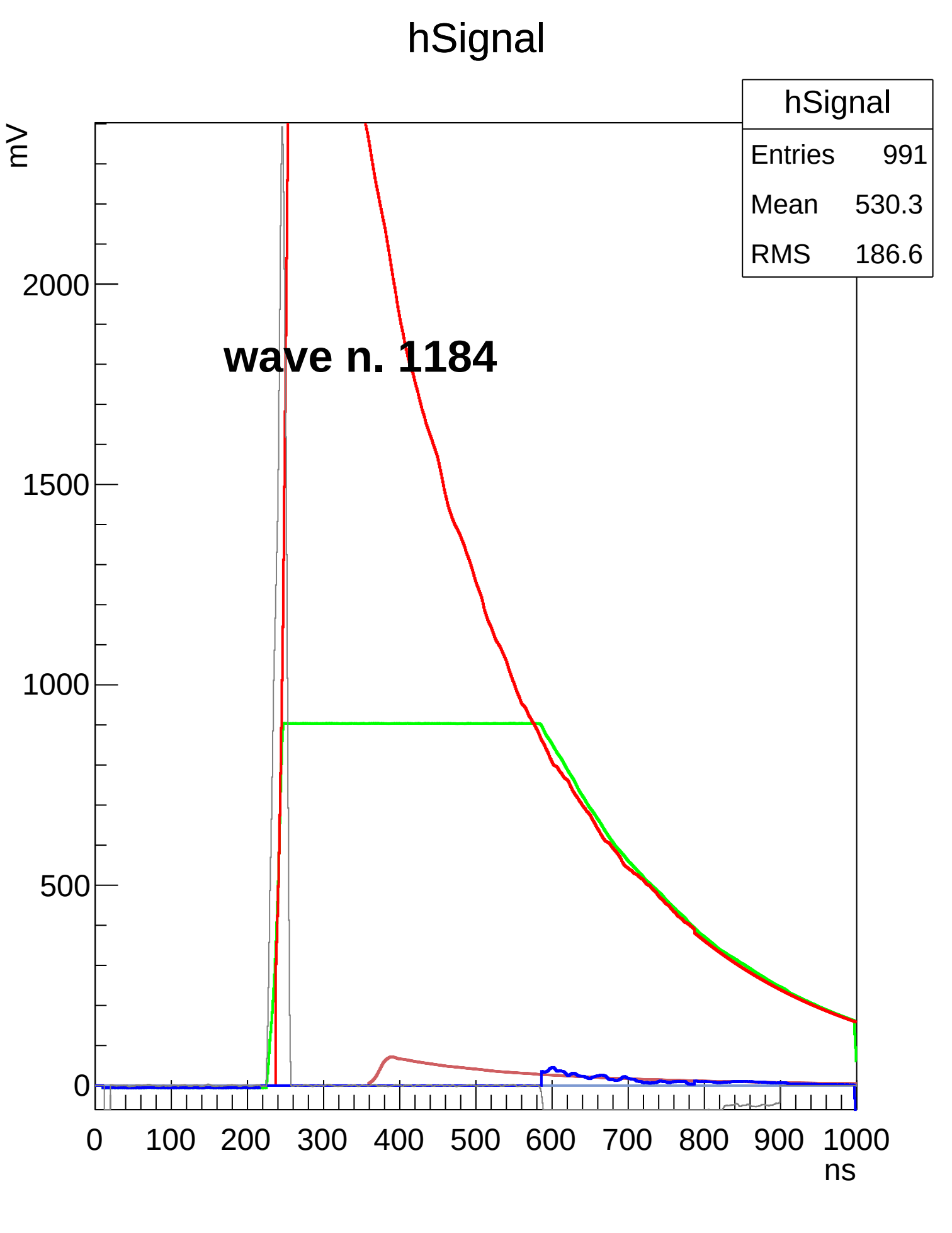
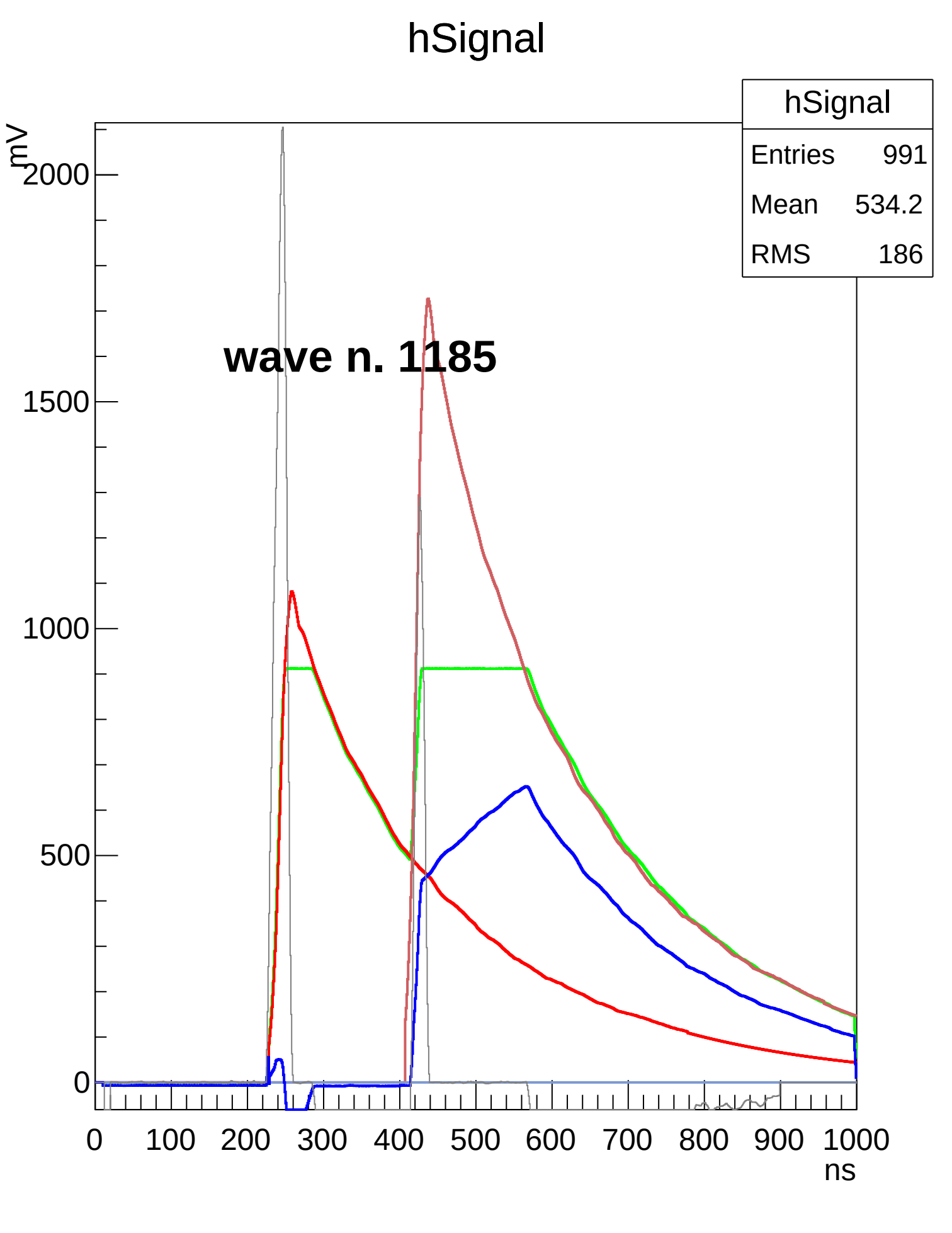
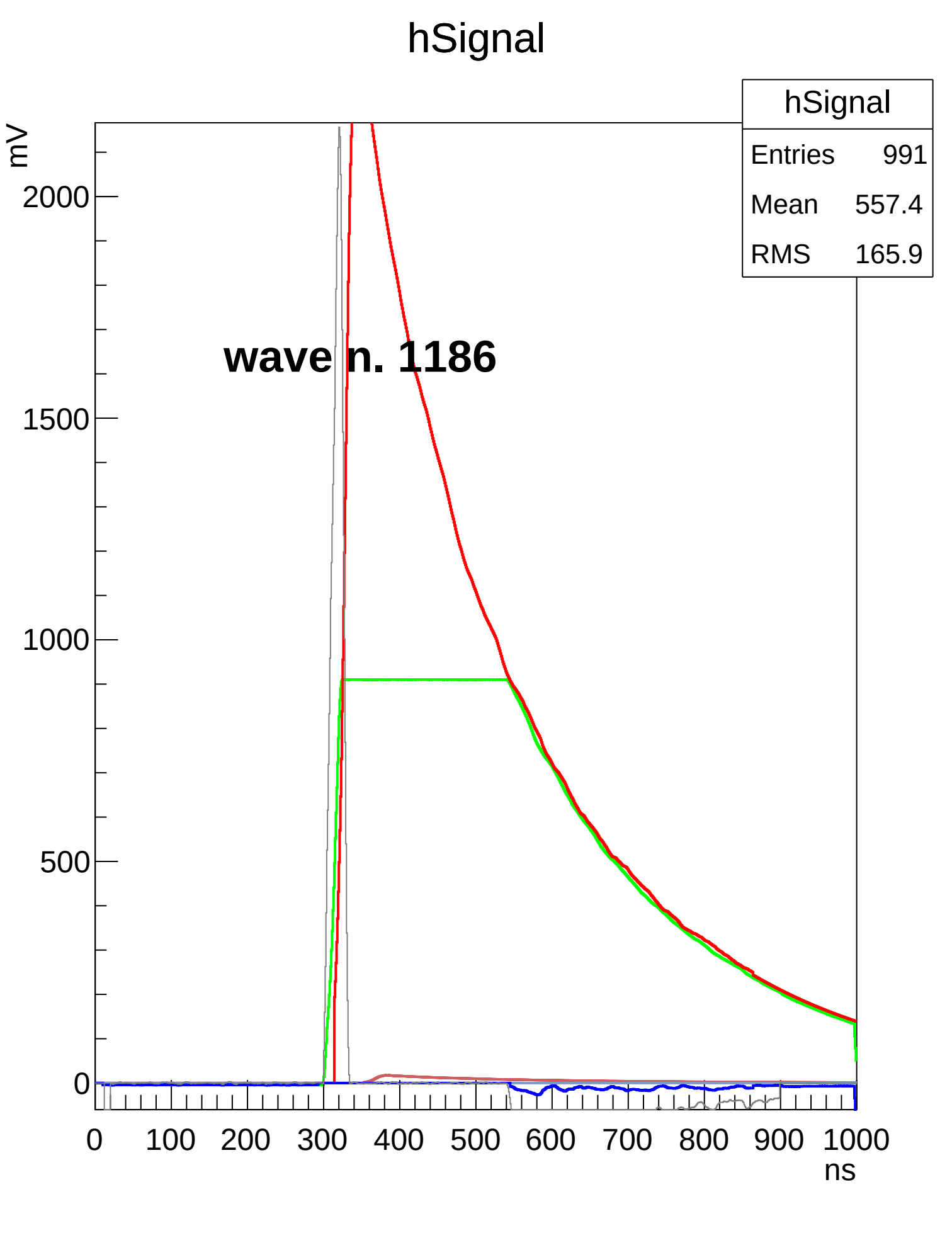
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.3
RMS 186.6
wave n. 1184
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 534.2
RMS 186
wave n. 1185
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 557.4
RMS 165.9
wave n. 1186
mV
2000
1500
1000
500
0
0
100
200
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400
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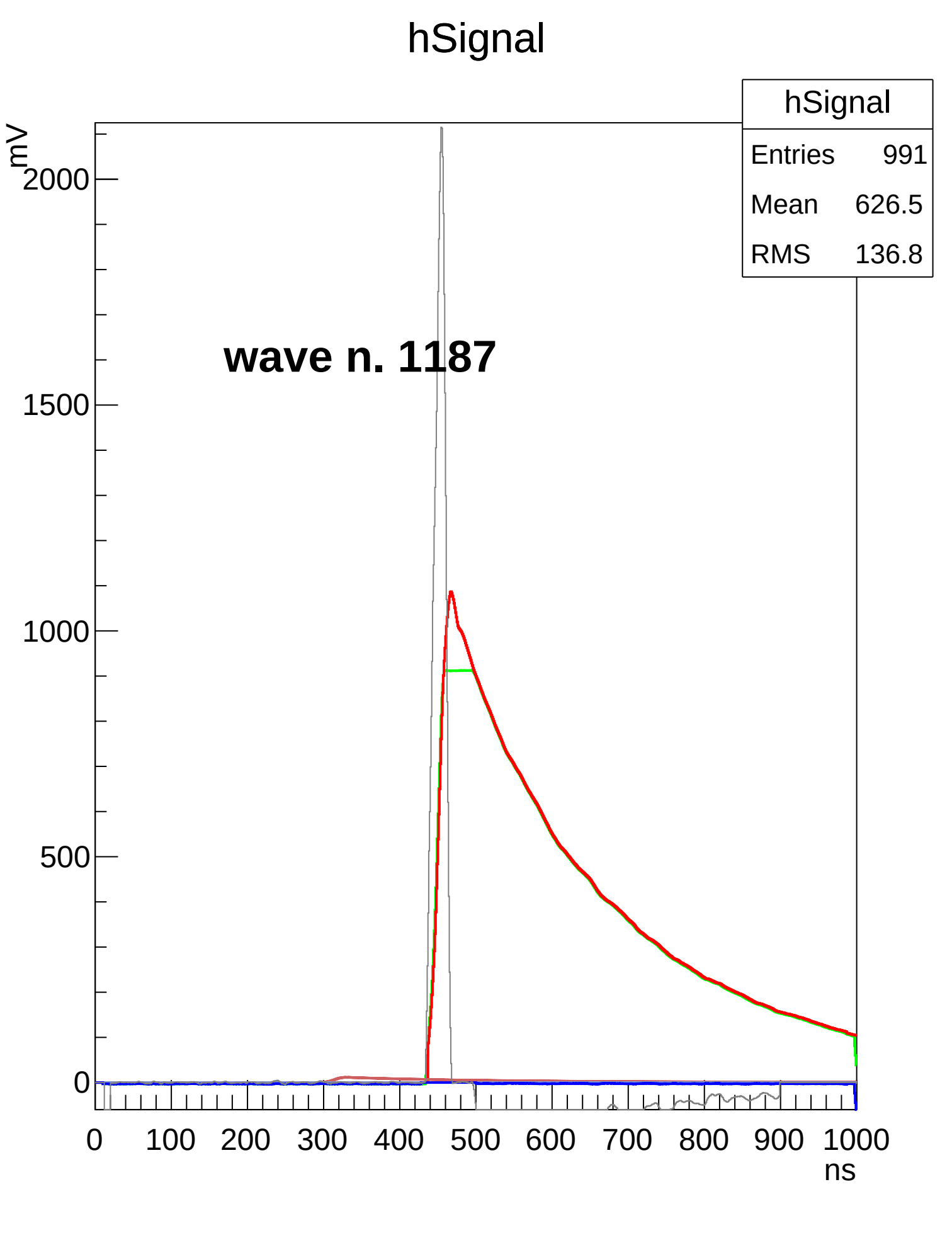
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 626.5
RMS 136.8
wave n. 1187
mV
2000
1500
1000
500
0
0
100
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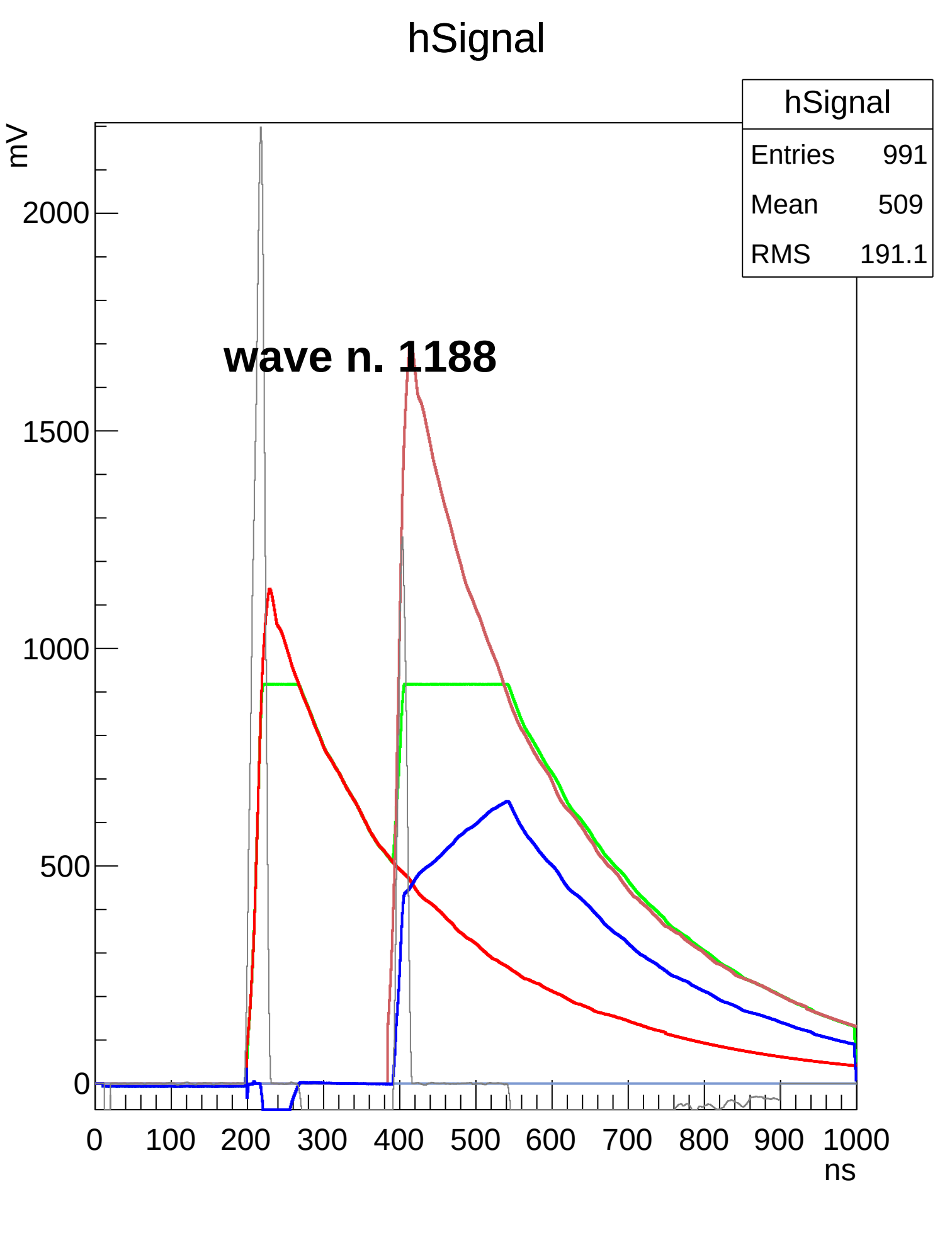
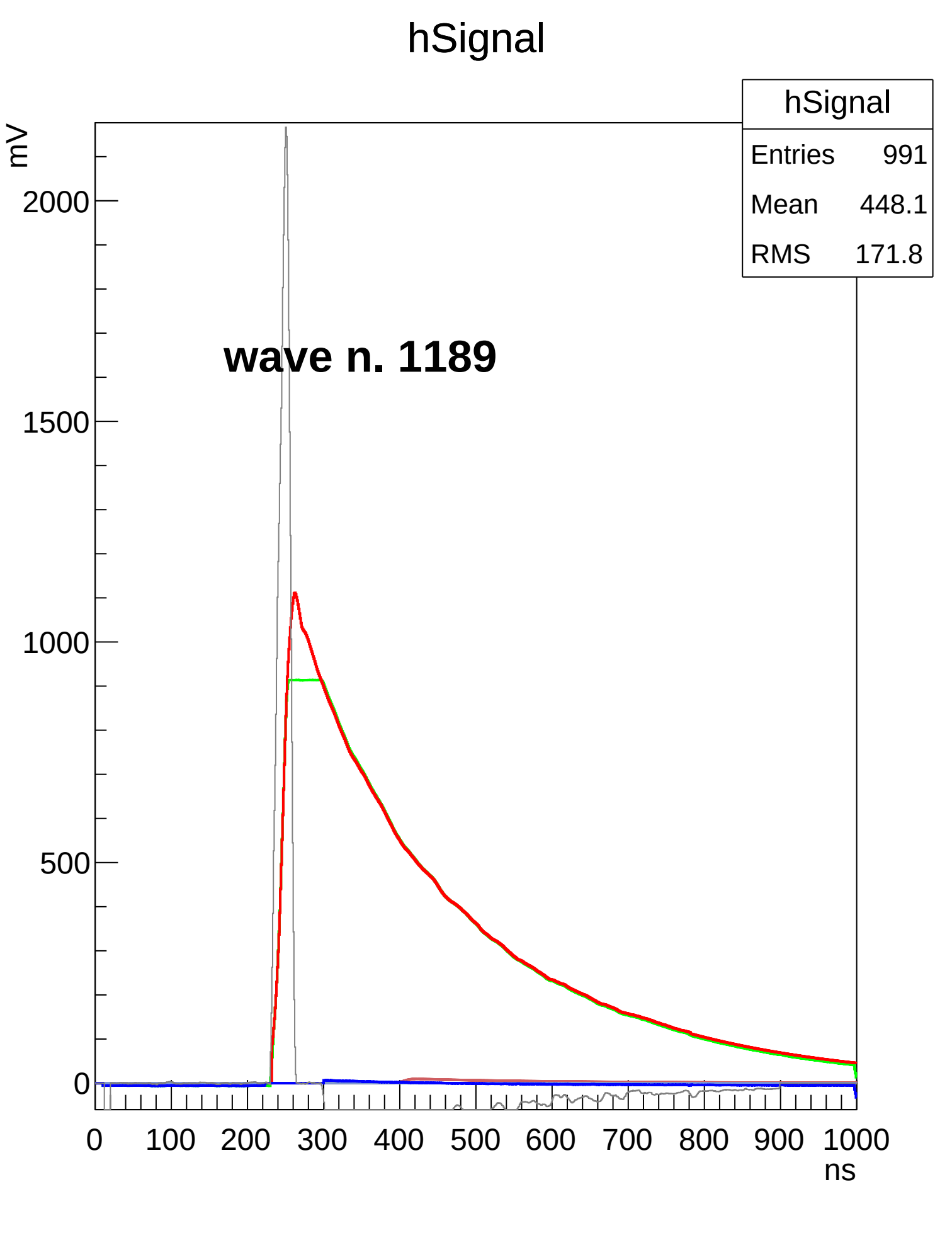
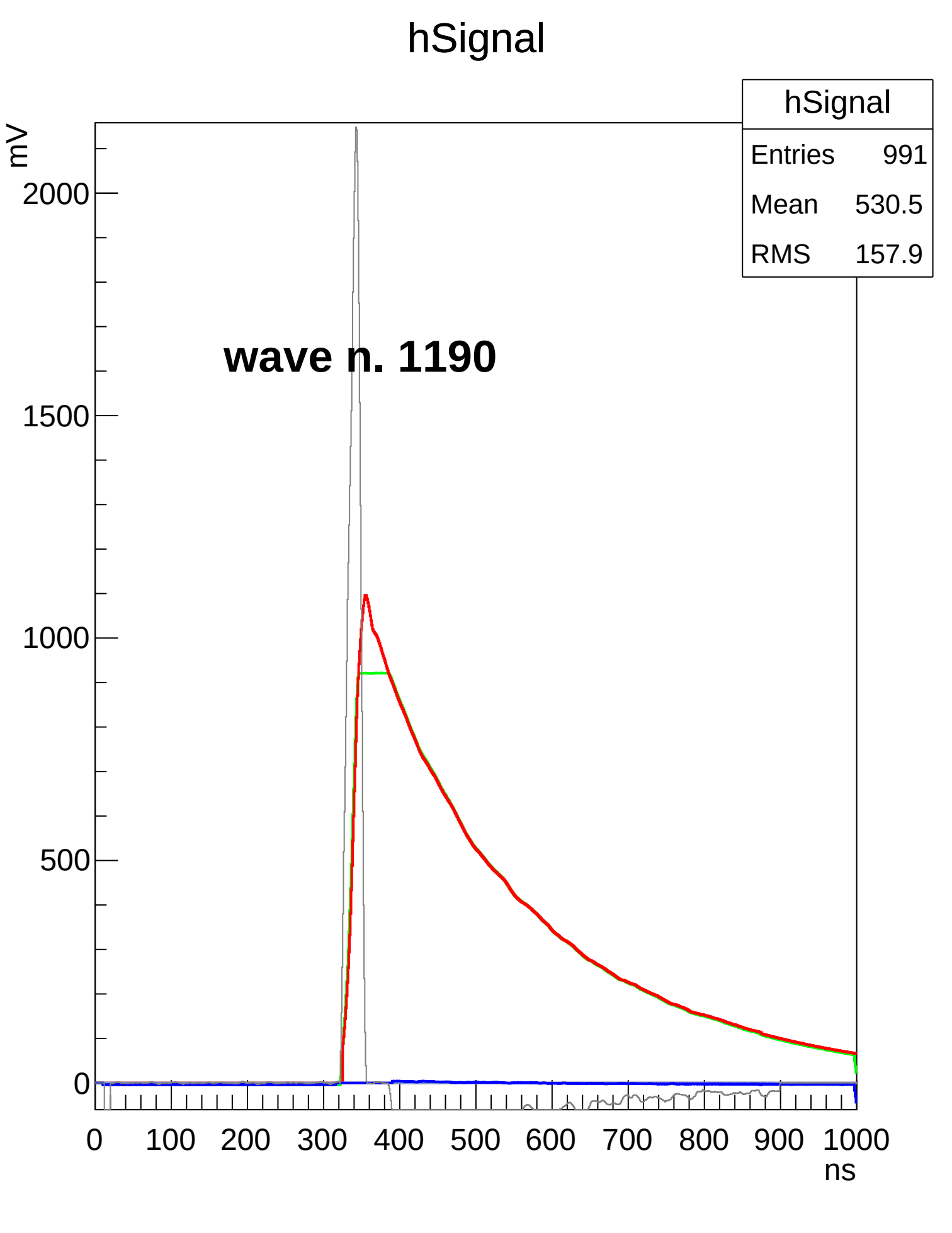
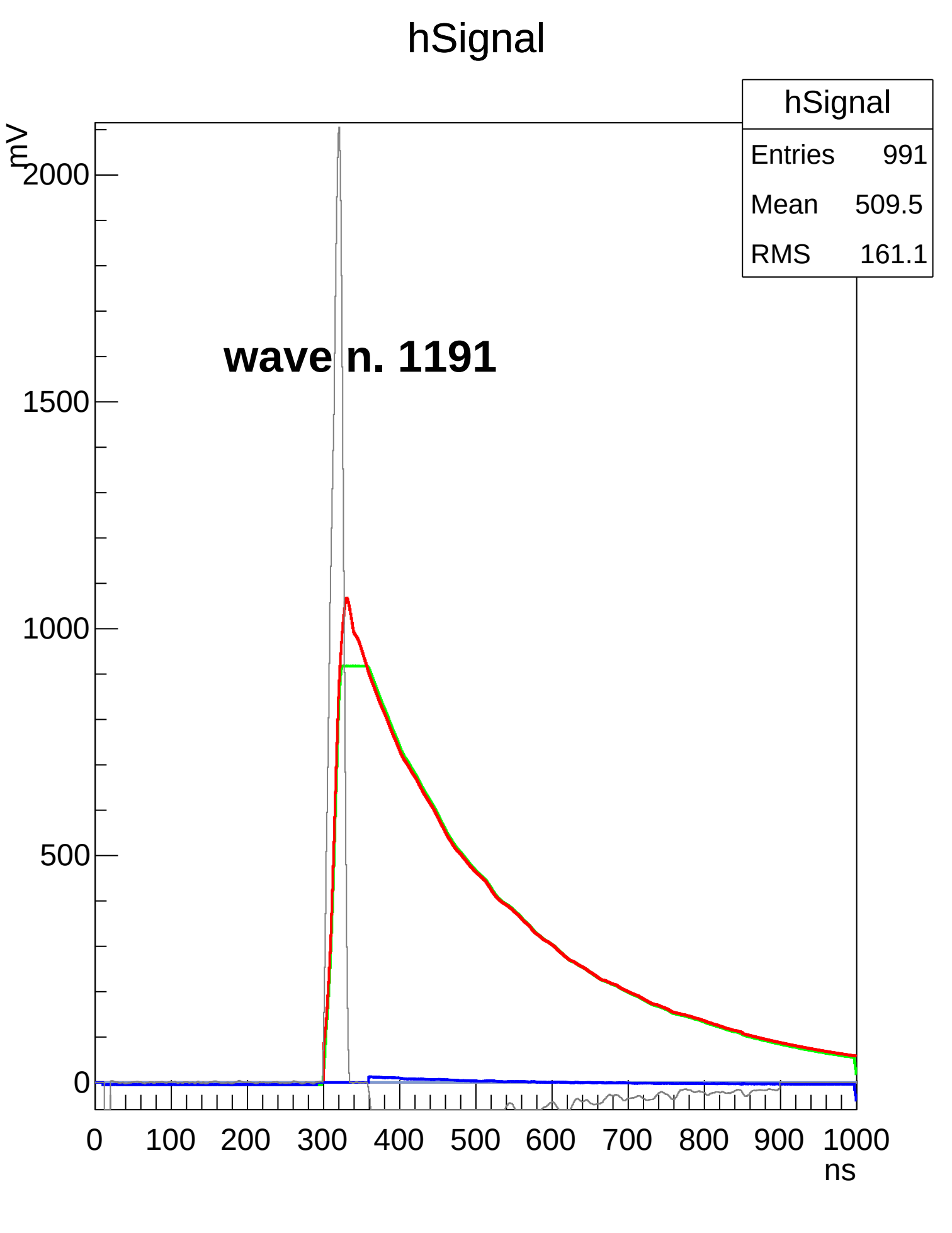
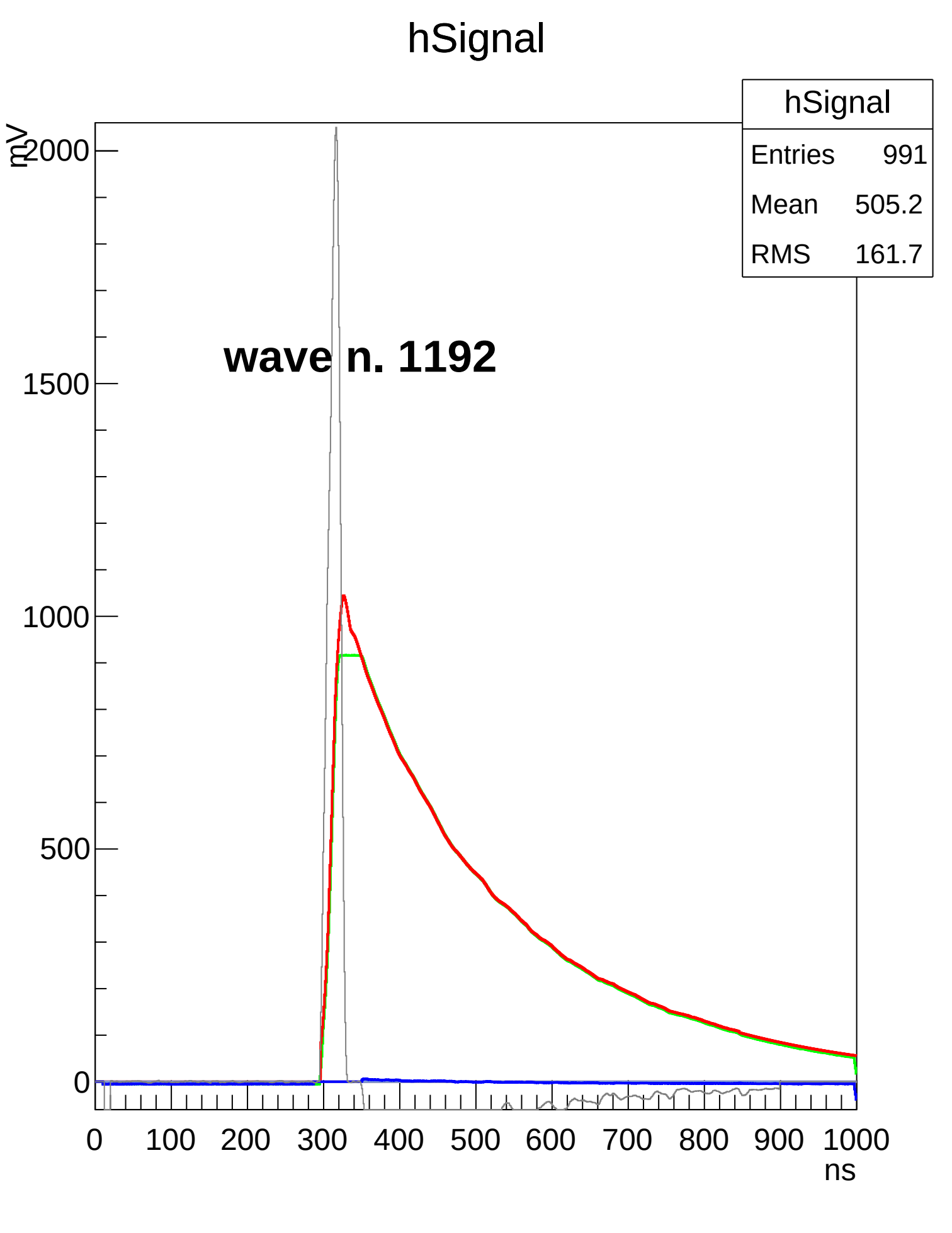
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 509
RMS 191.1
wave n. 1188
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 448.1
RMS 171.8
wave n. 1189
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.5
RMS 157.9
wave n. 1190
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 509.5
RMS 161.1
wave n. 1191
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 505.2
RMS 161.7
wave n. 1192
mV
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1500
1000
500
0
0
100
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400
500
600
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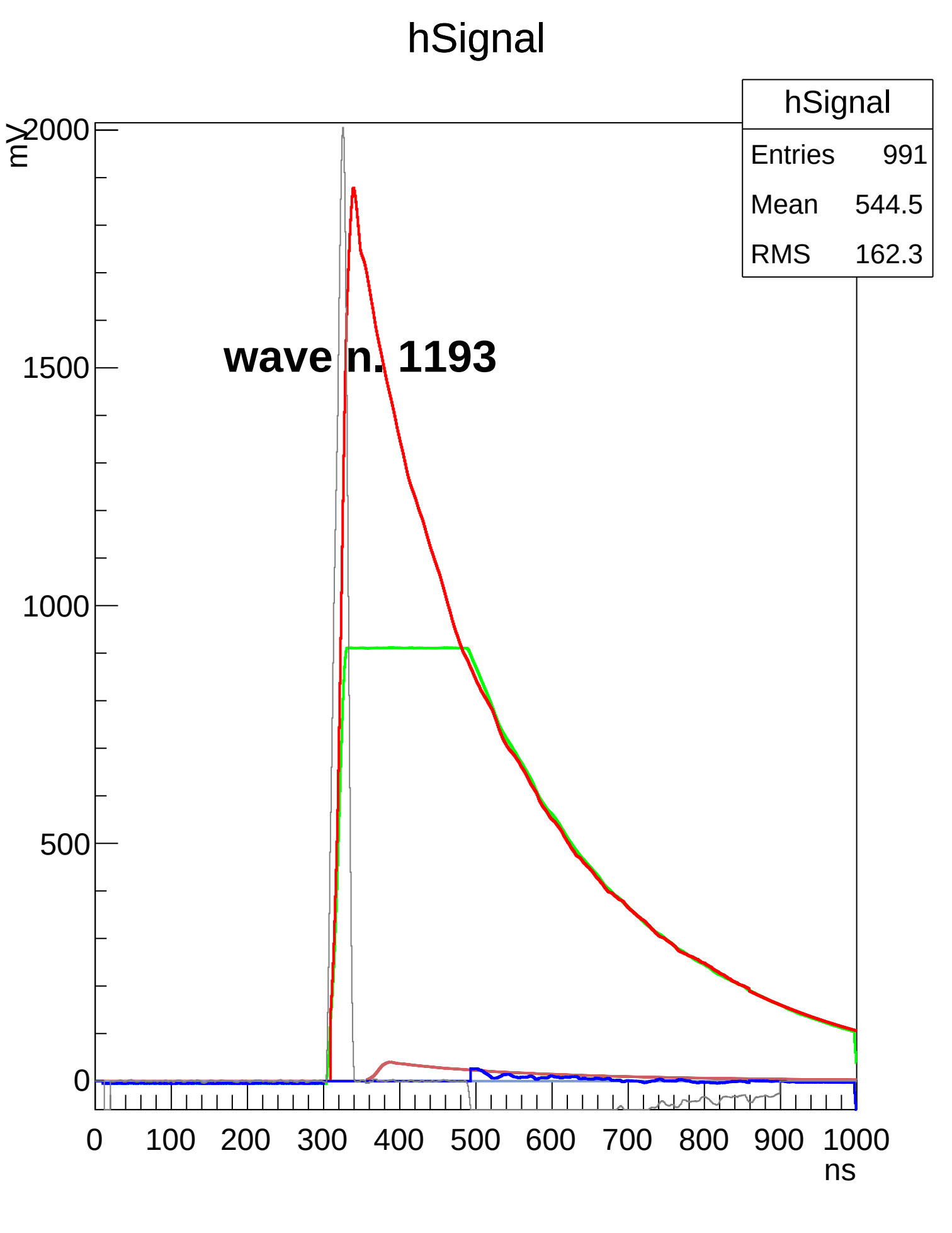
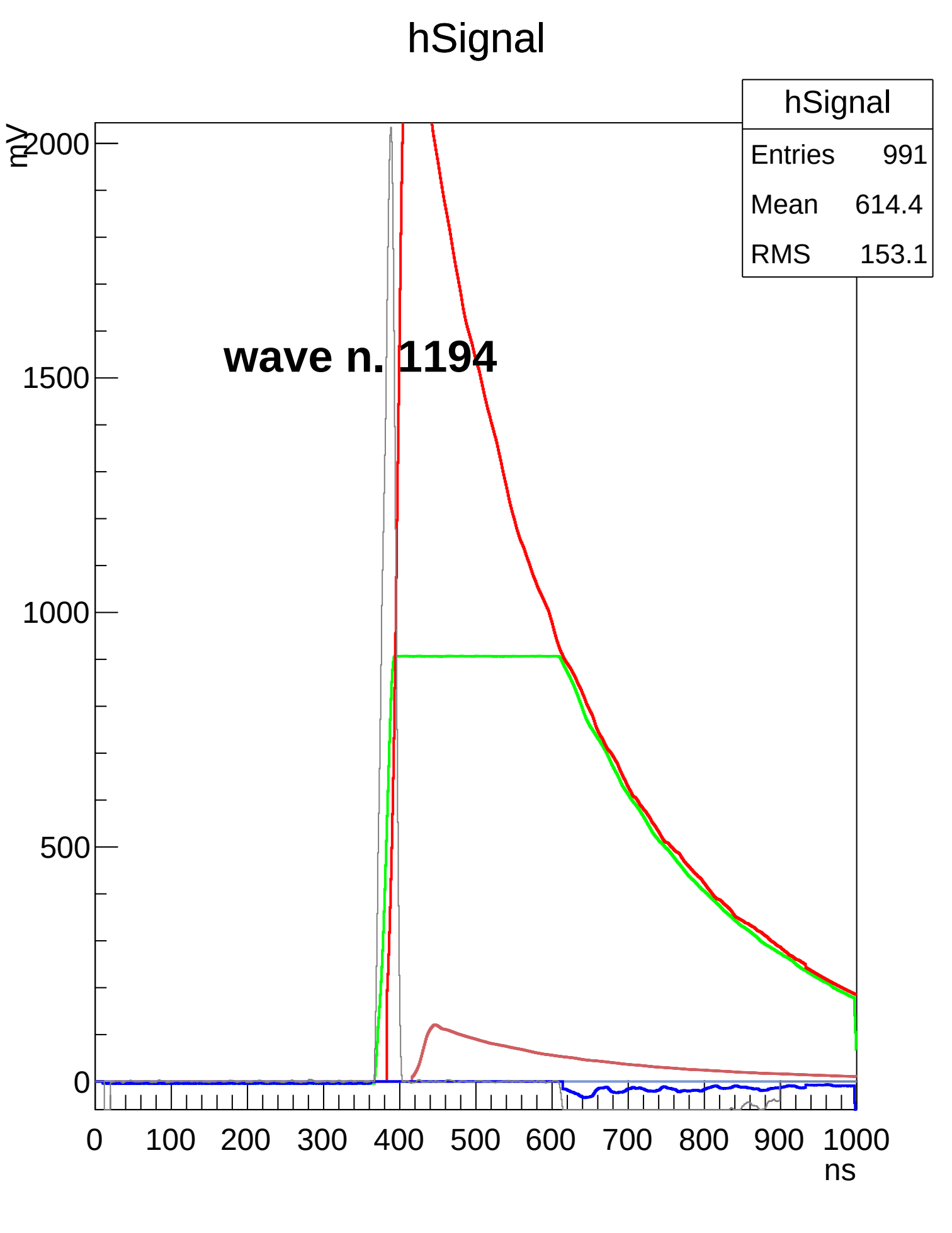
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 544.5
RMS 162.3
wave n. 1193
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 614.4
RMS 153.1
wave n. 1194
mV
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1500
1000
500
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0
100
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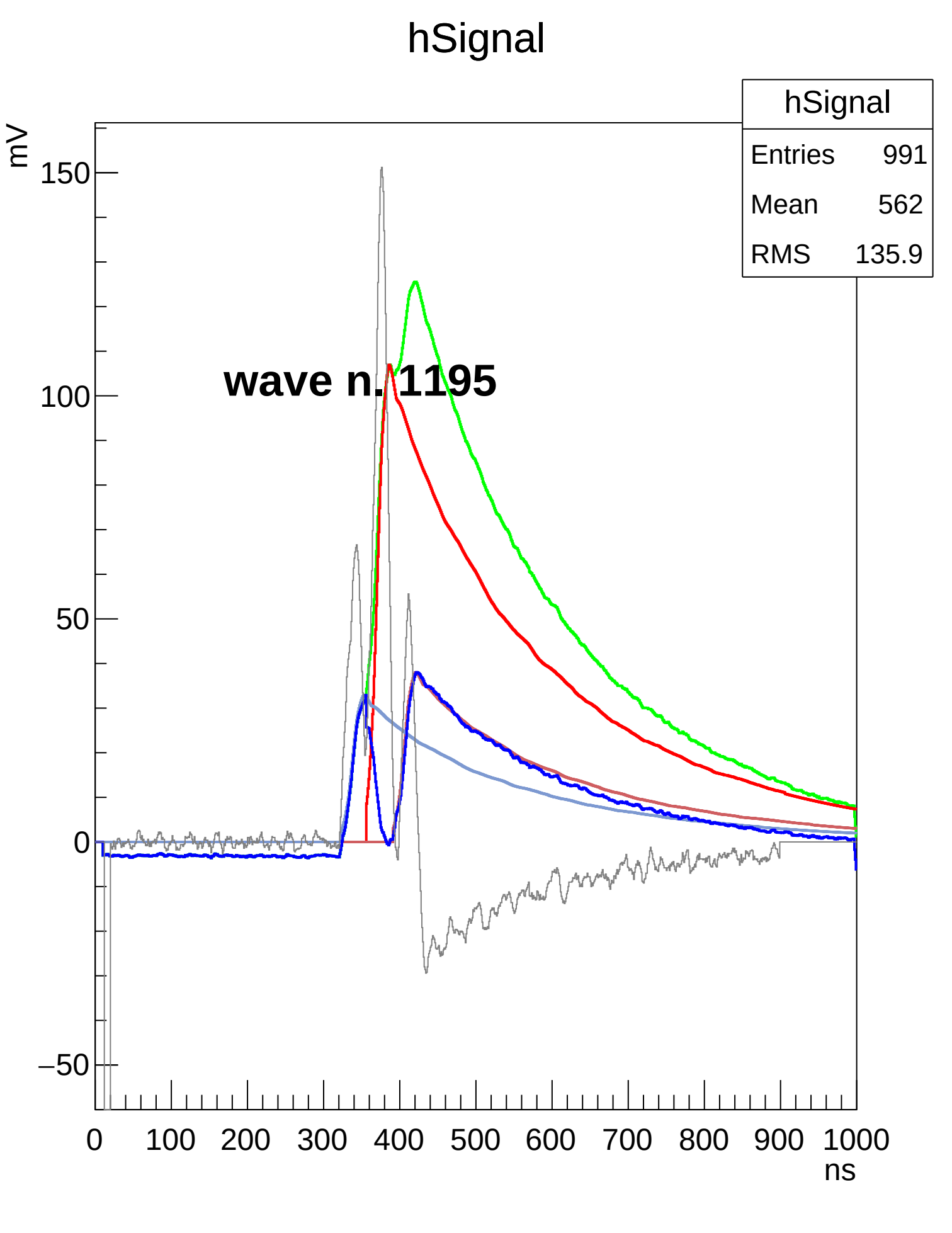
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 562
RMS 135.9
wave n. 1195
mV
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100
50
0
−50
0
100
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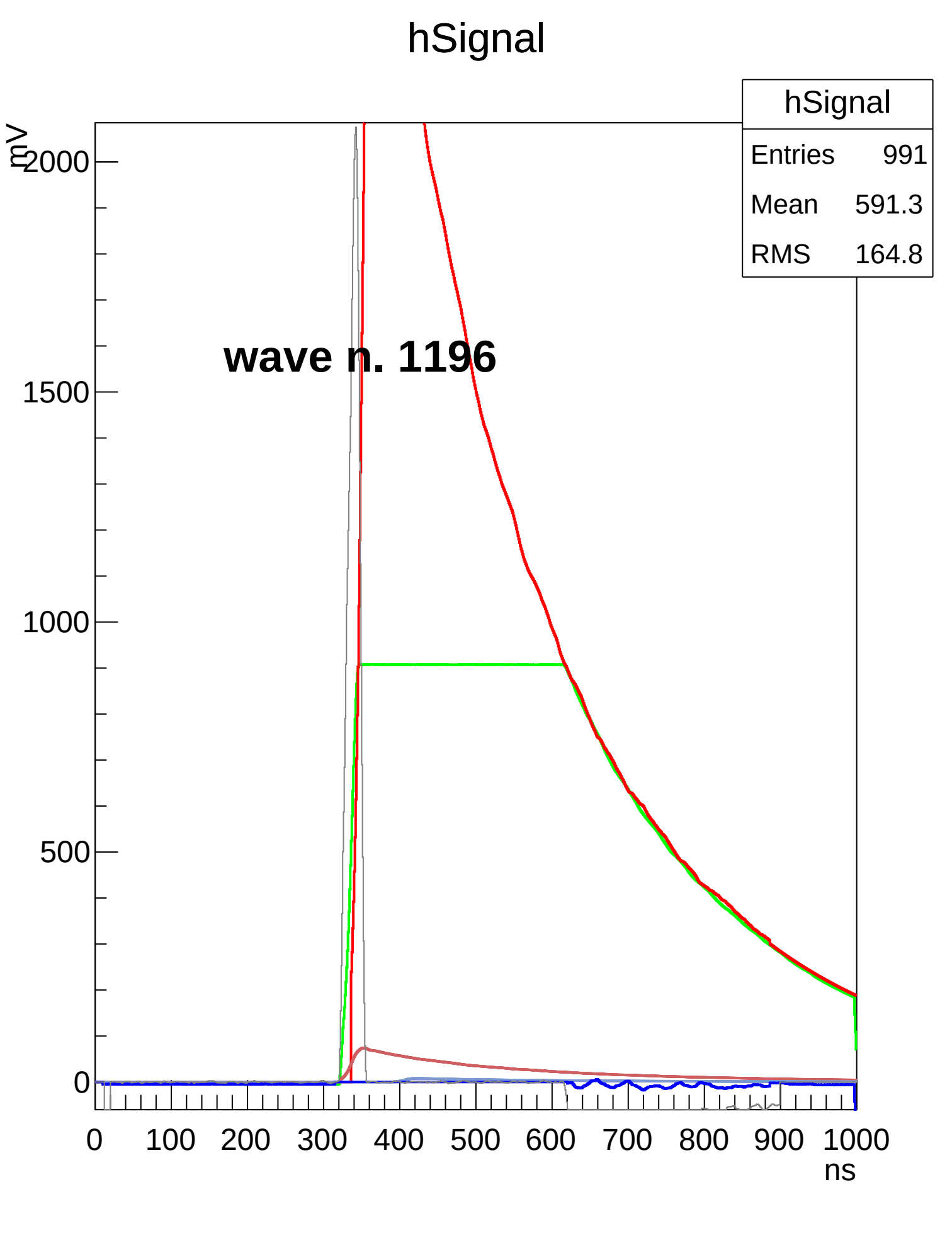
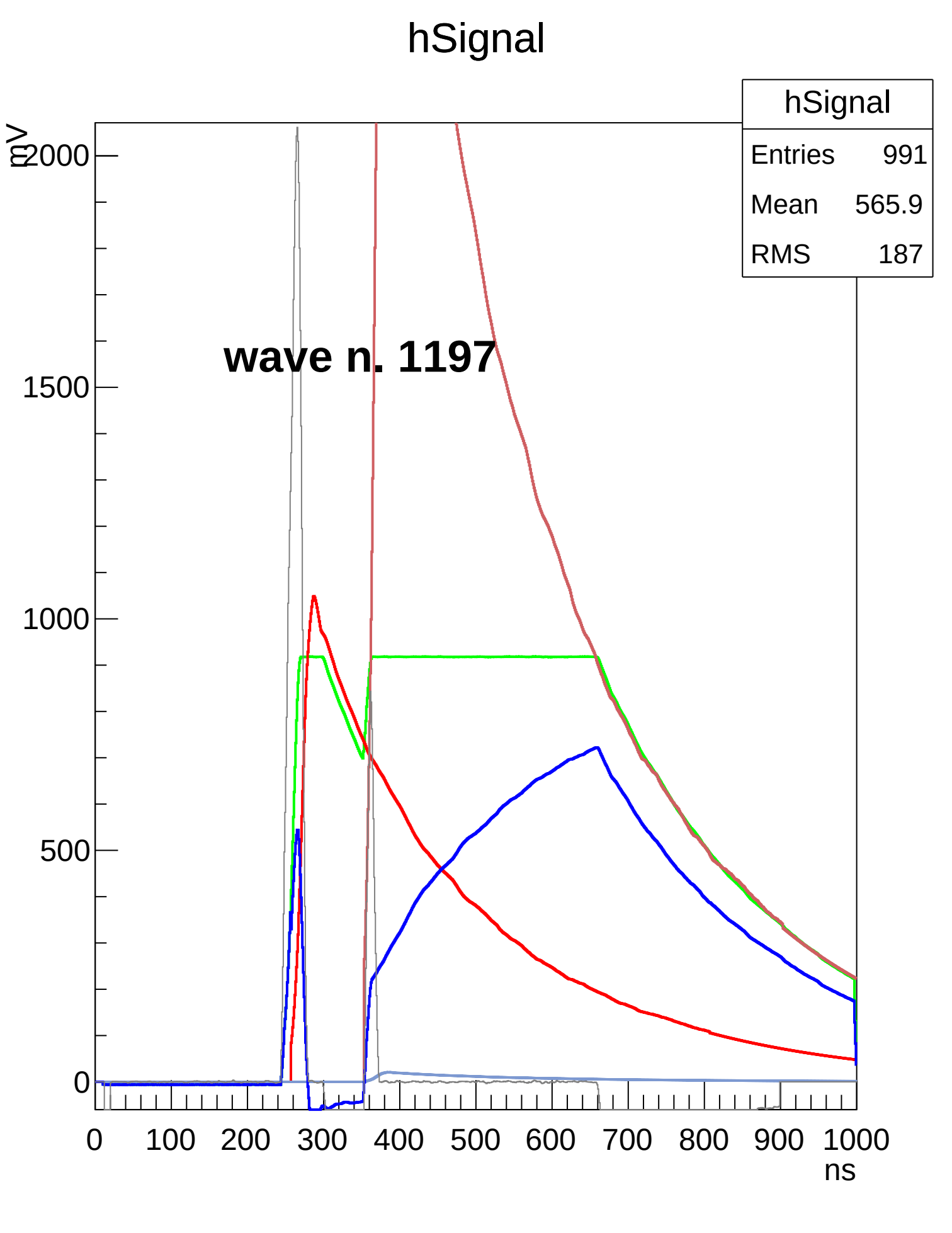
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 591.3
RMS 164.8
wave n. 1196
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 565.9
RMS 187
wave n. 1197
mV
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1500
1000
500
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0
100
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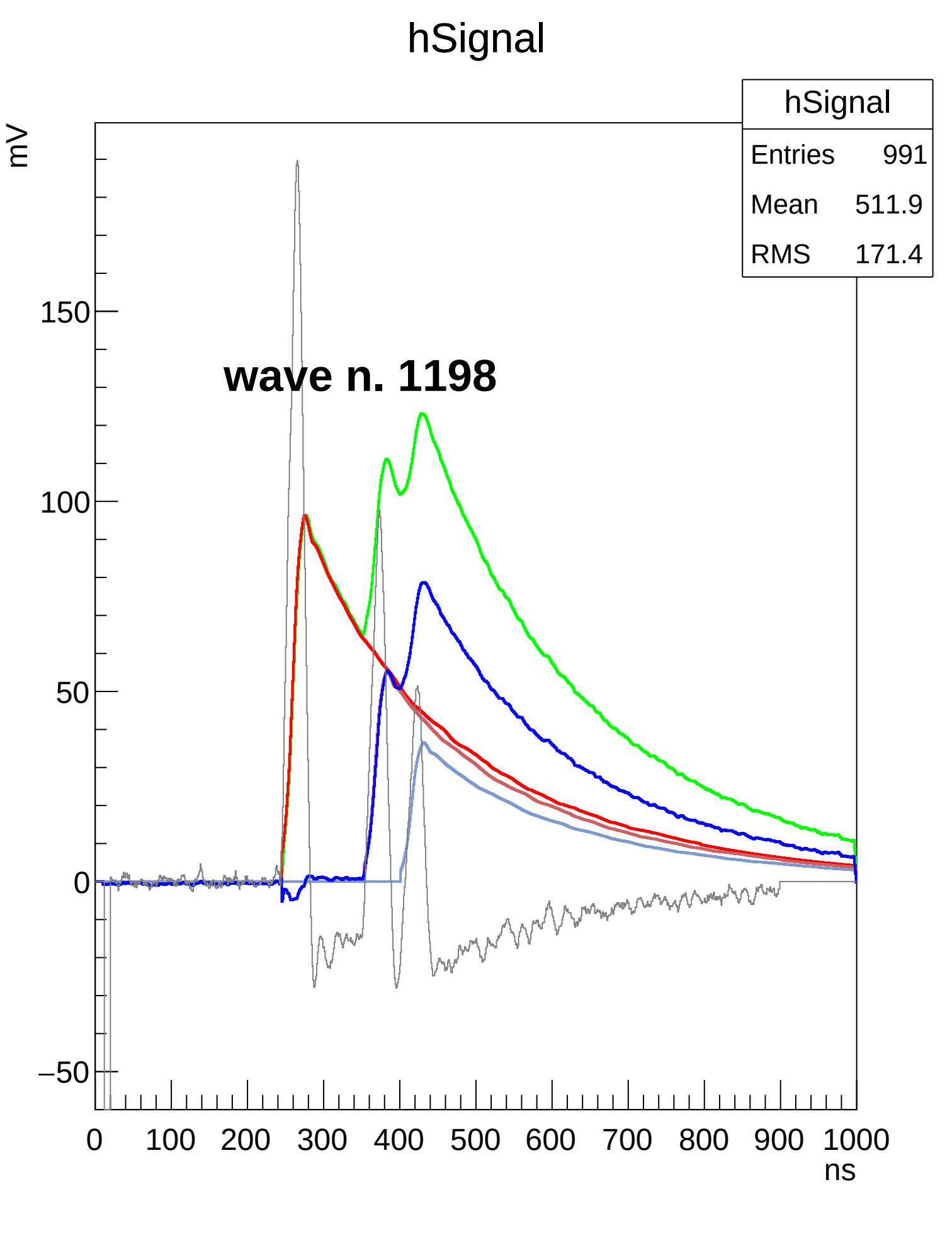
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 511.9
RMS 171.4
wave n. 1198
mV
150
100
50
0
−50
0
100
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300
400
500
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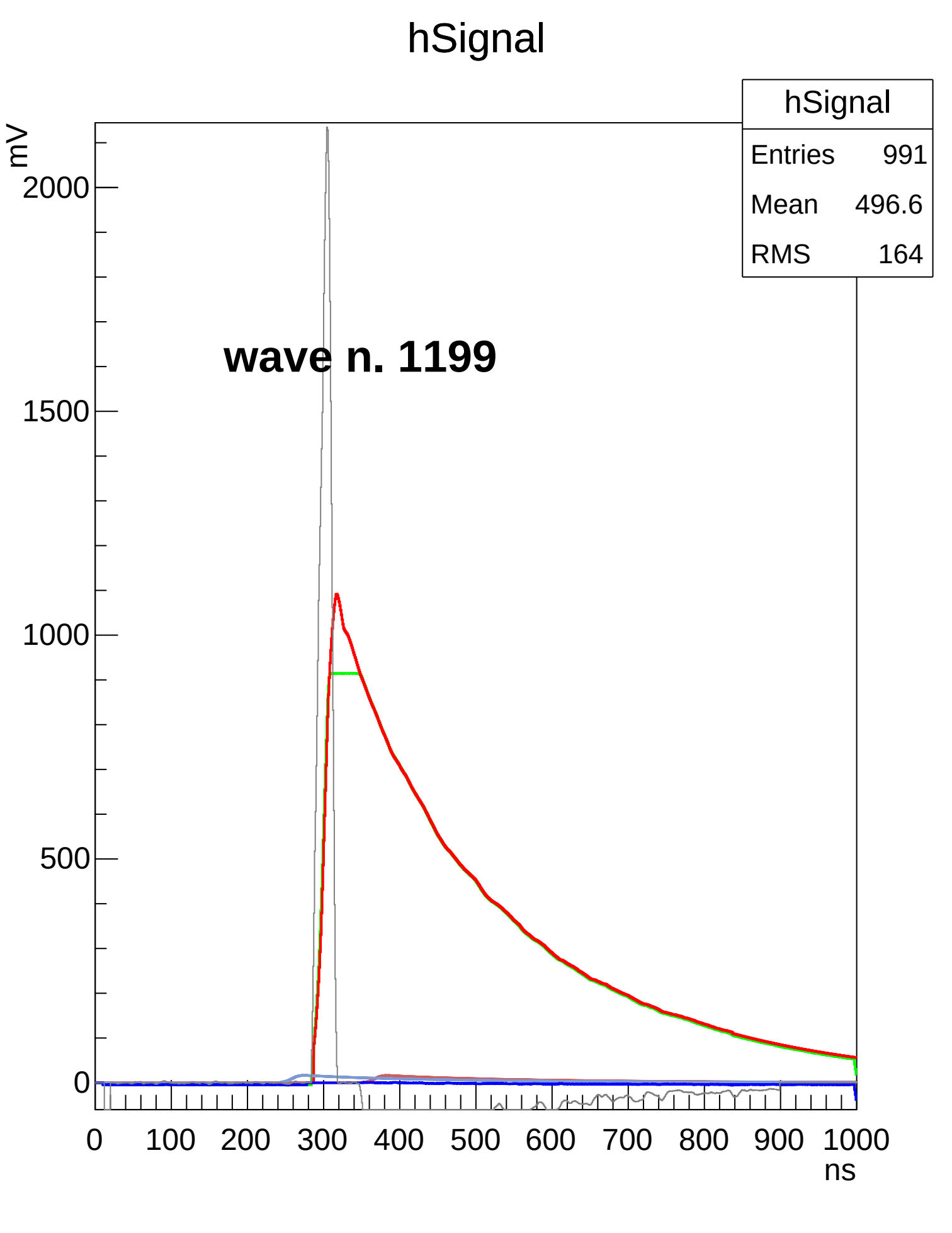
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 496.6
RMS 164
wave n. 1199
mV
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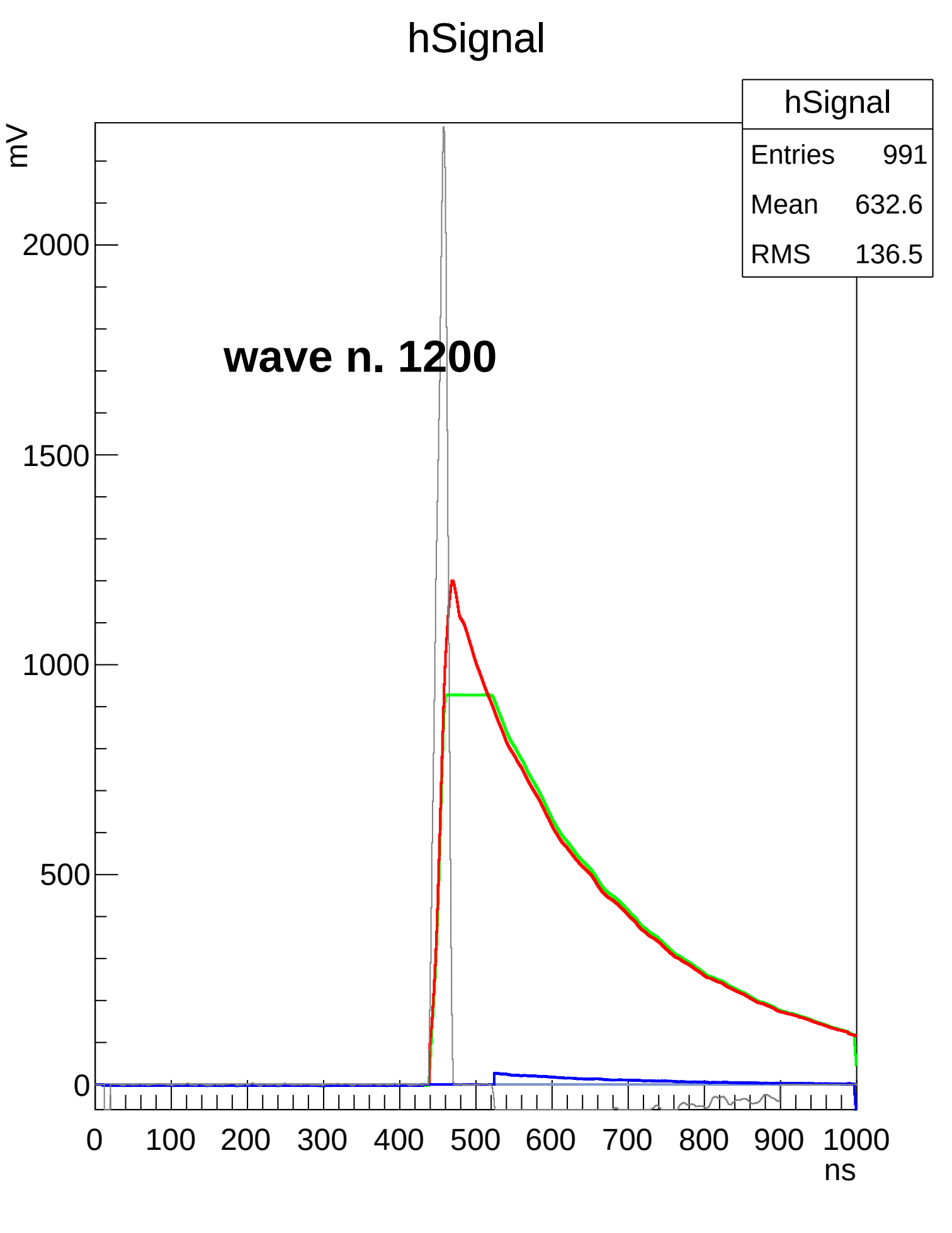
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 632.6
RMS 136.5
wave n. 1200
mV
2000
1500
1000
500
0
0
100
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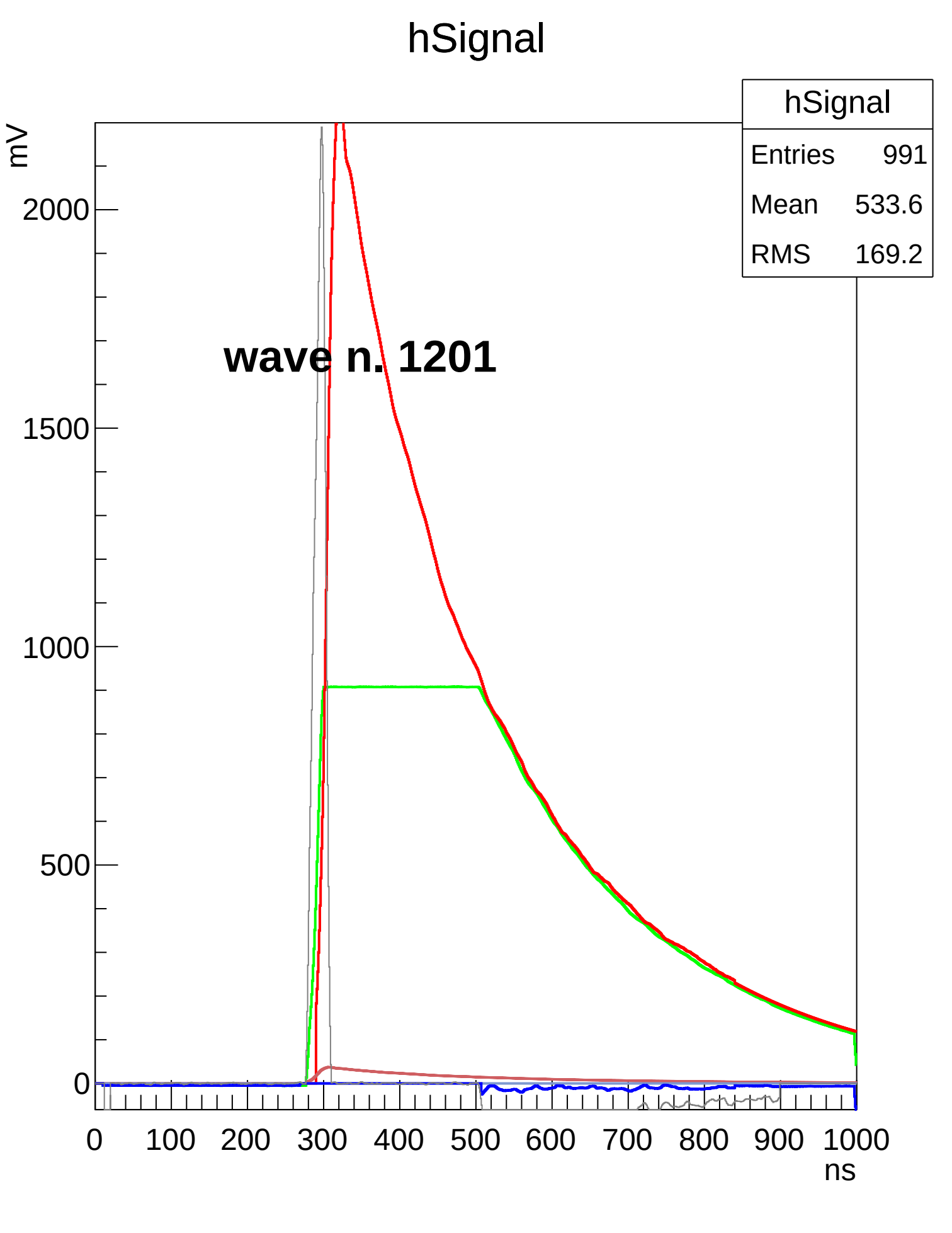
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 533.6
RMS 169.2
wave n. 1201
mV
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1500
1000
500
0
0
100
200
300
400
500
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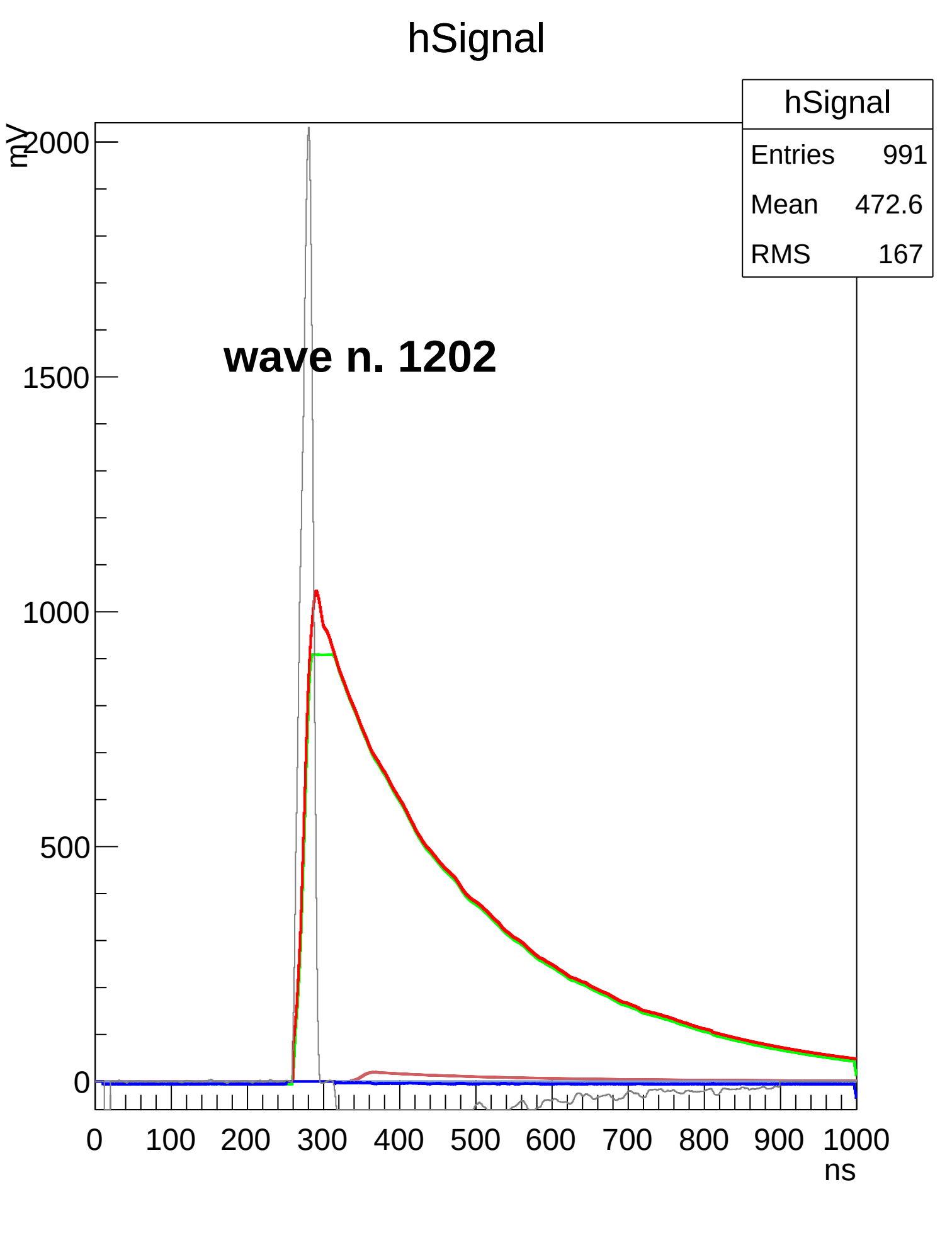
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 472.6
RMS 167
wave n. 1202
mV
2000
1500
1000
500
0
0
100
200
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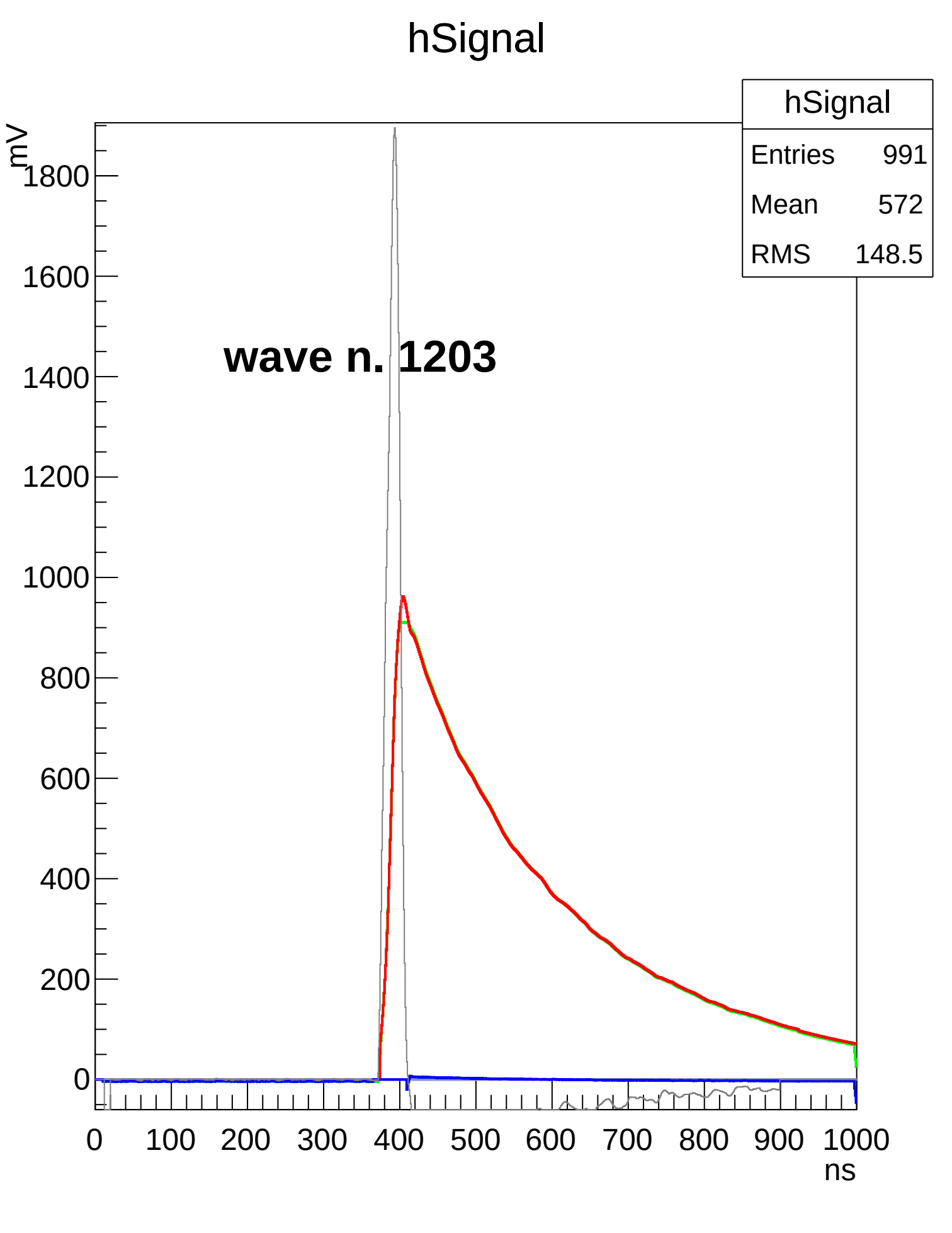
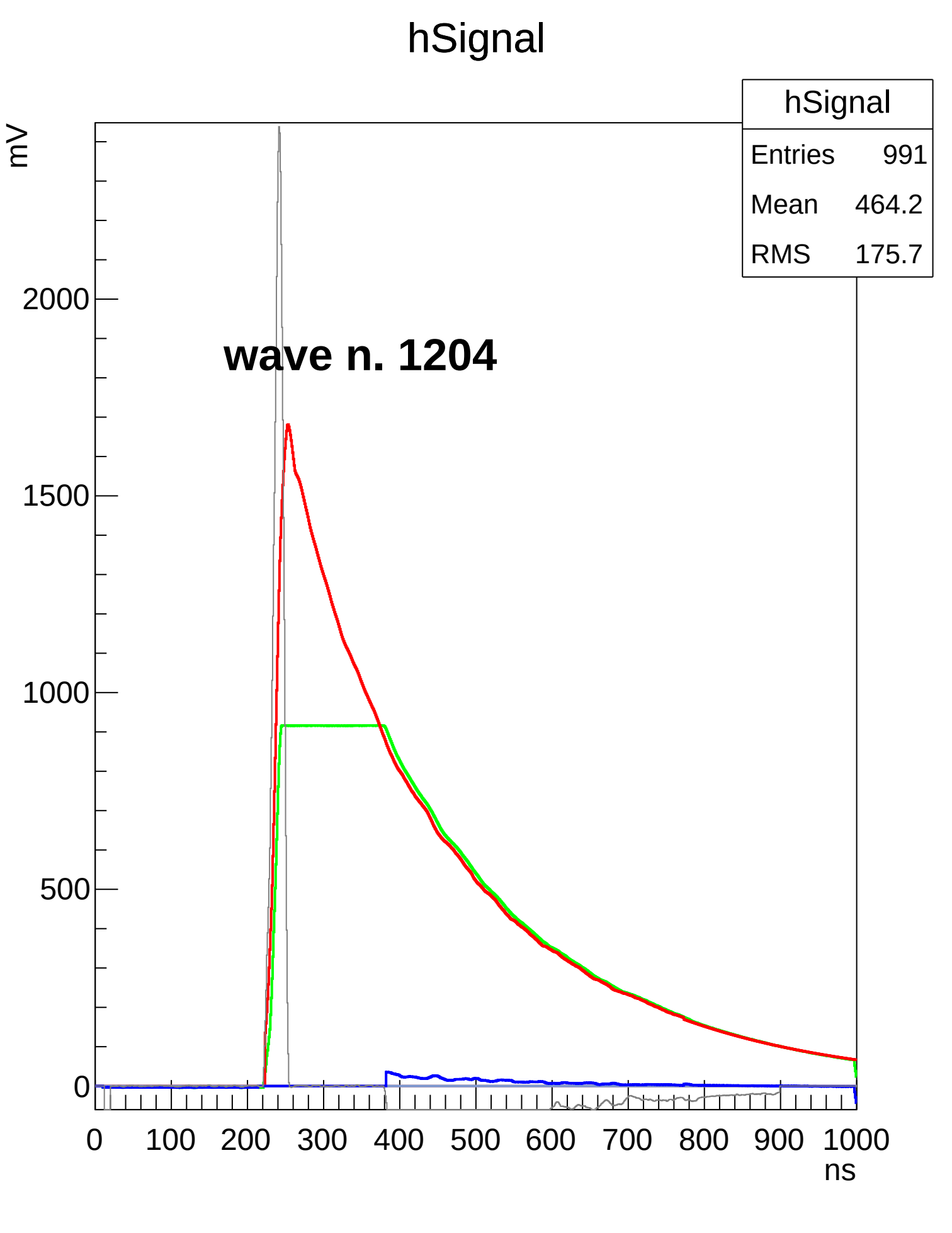
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 572
RMS 148.5
wave n. 1203
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 464.2
RMS 175.7
wave n. 1204
mV
2000
1500
1000
500
0
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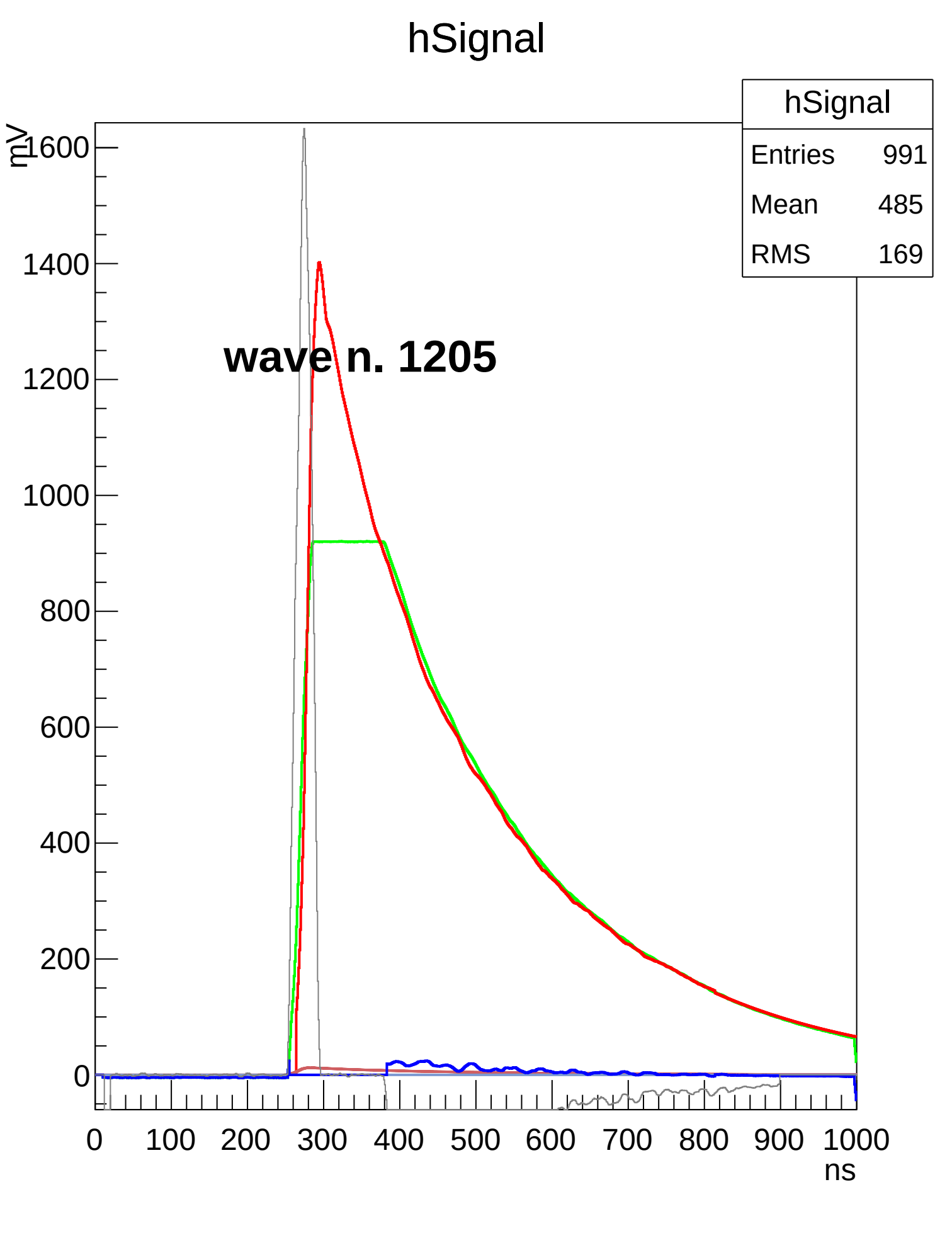
ns


hSignal
hSignal
Entries 991
Mean 485
RMS 169
wave n. 1205
mV
1600
1400
1200
1000
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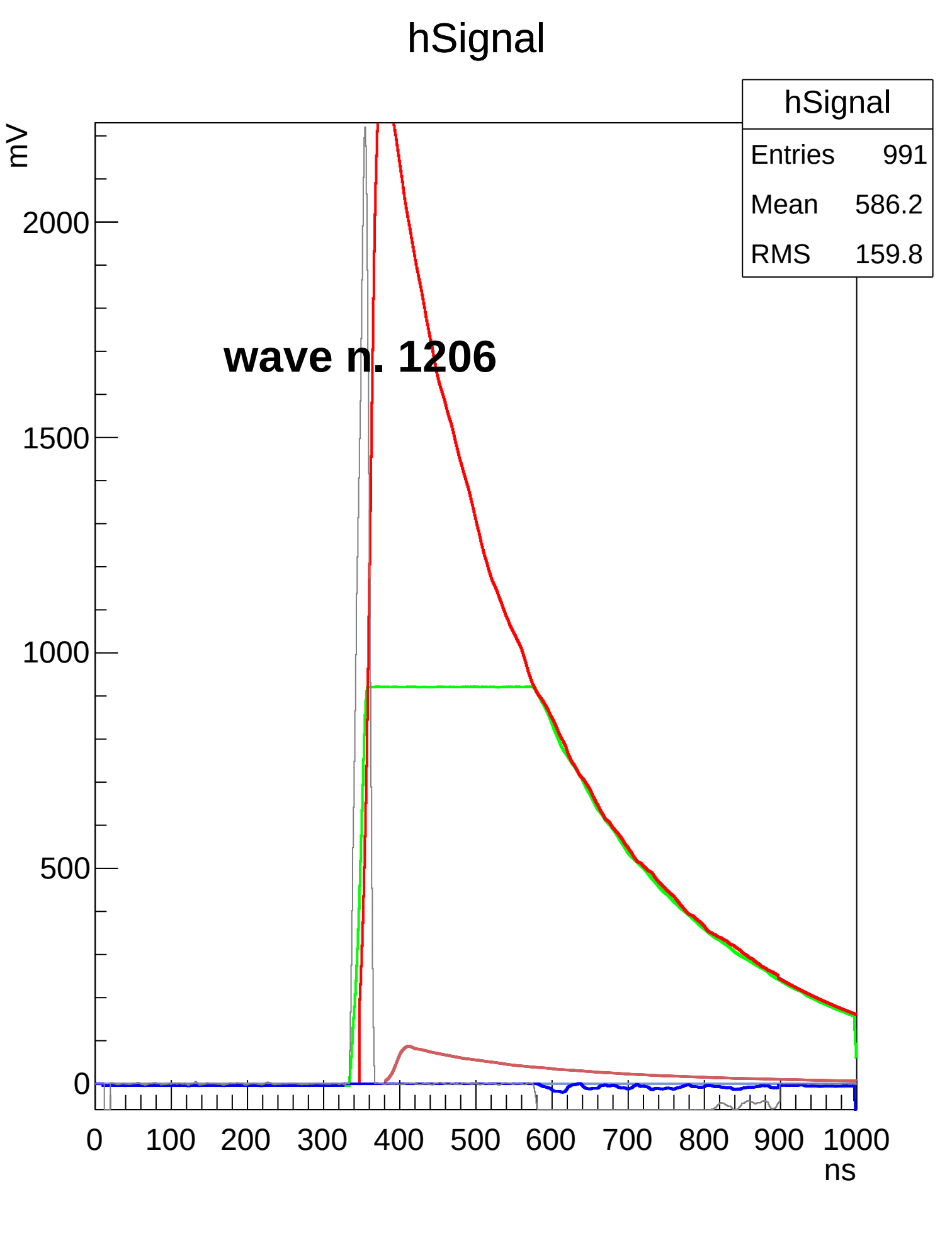
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hSignal
Entries 991
Mean 586.2
RMS 159.8
wave n. 1206
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1000
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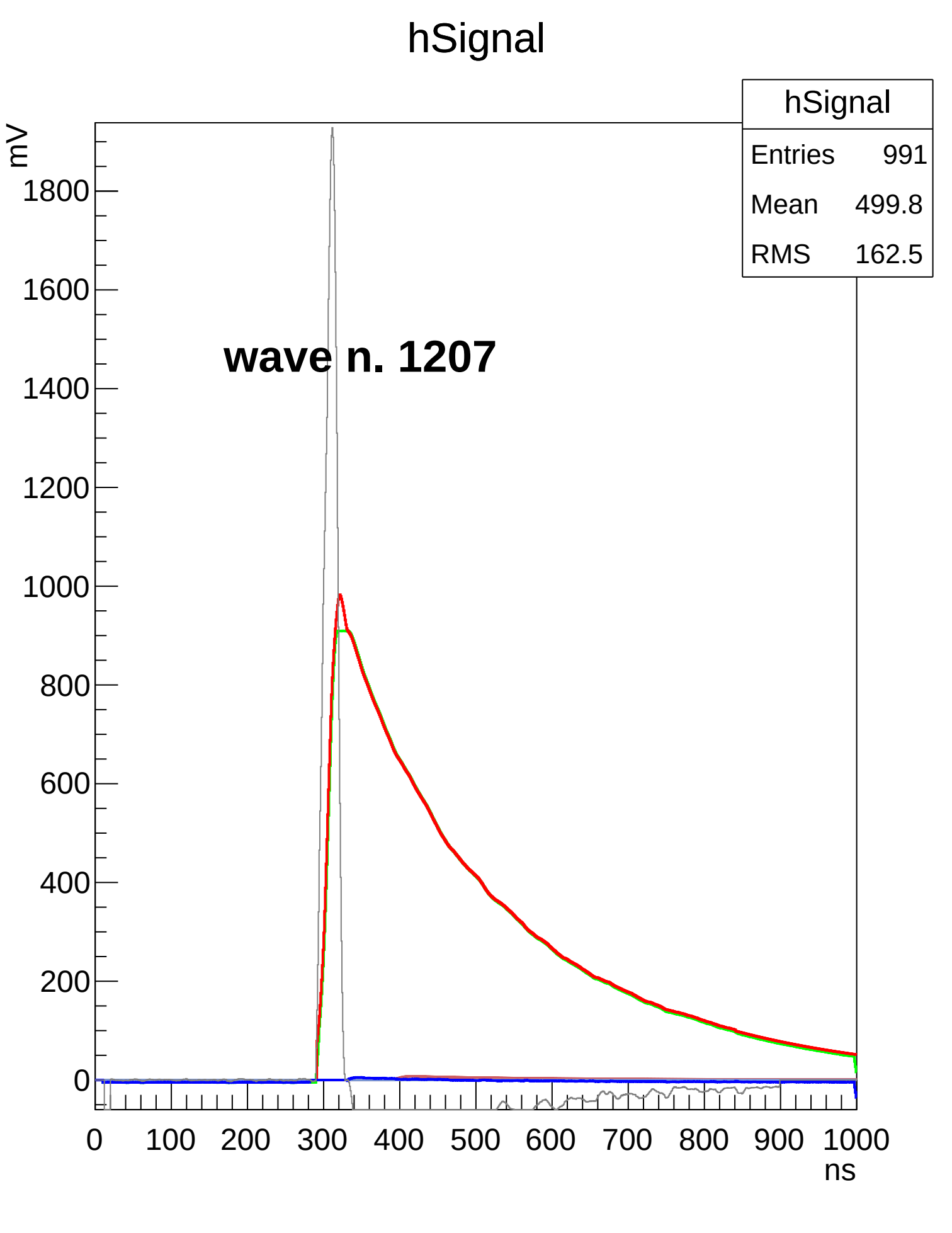
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hSignal
Entries 991
Mean 499.8
RMS 162.5
wave n. 1207
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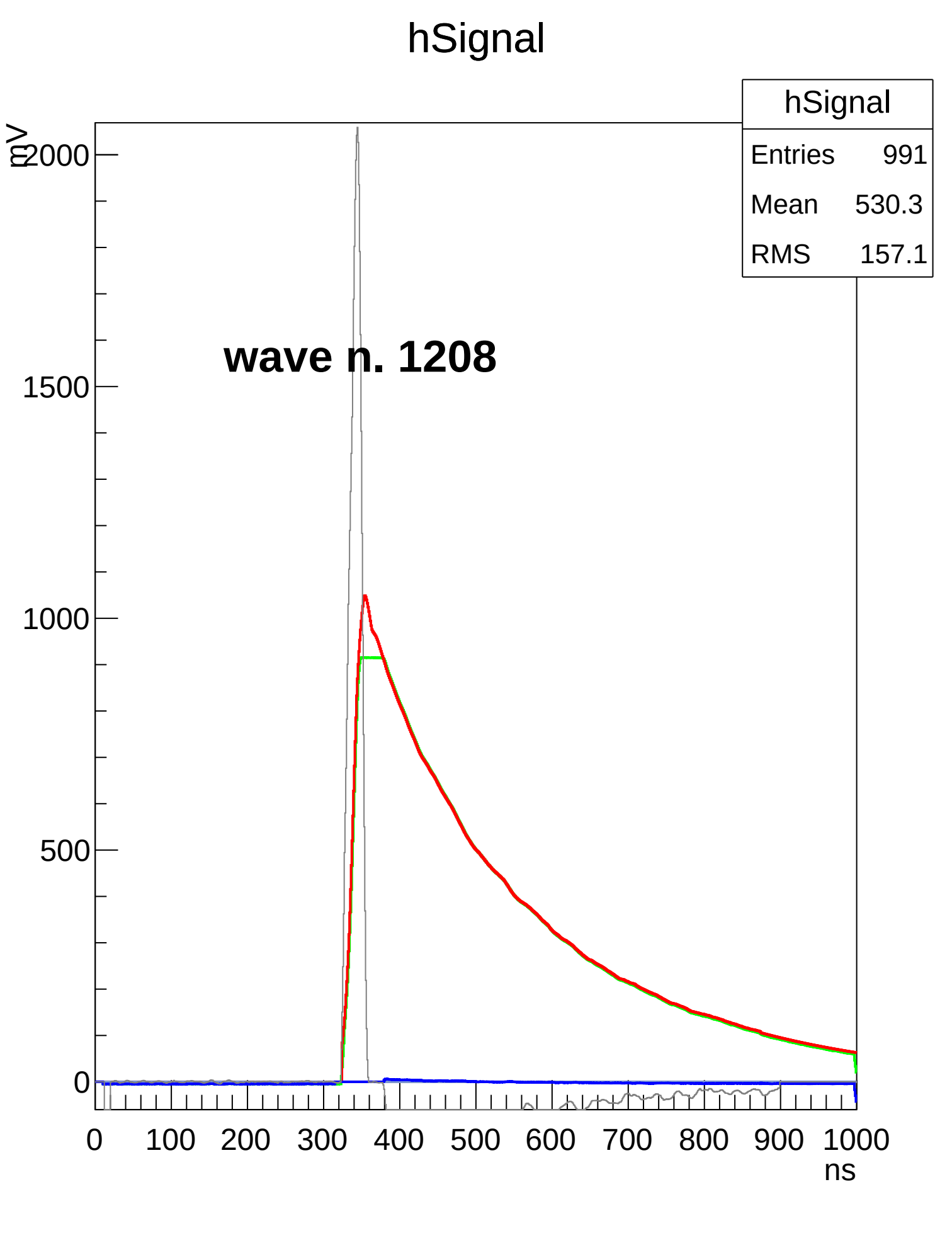
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Mean 530.3
RMS 157.1
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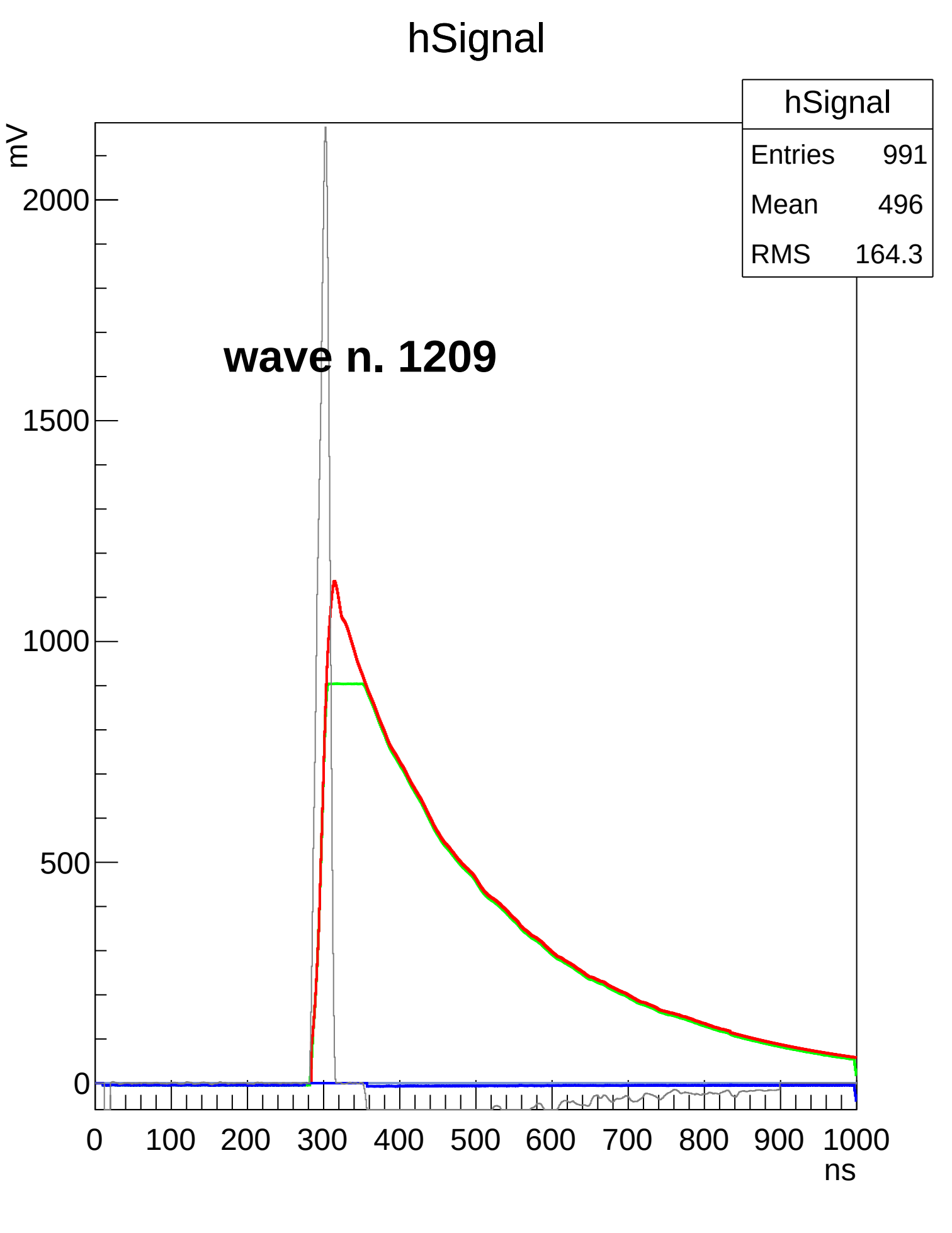
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RMS 164.3
wave n. 1209
mV
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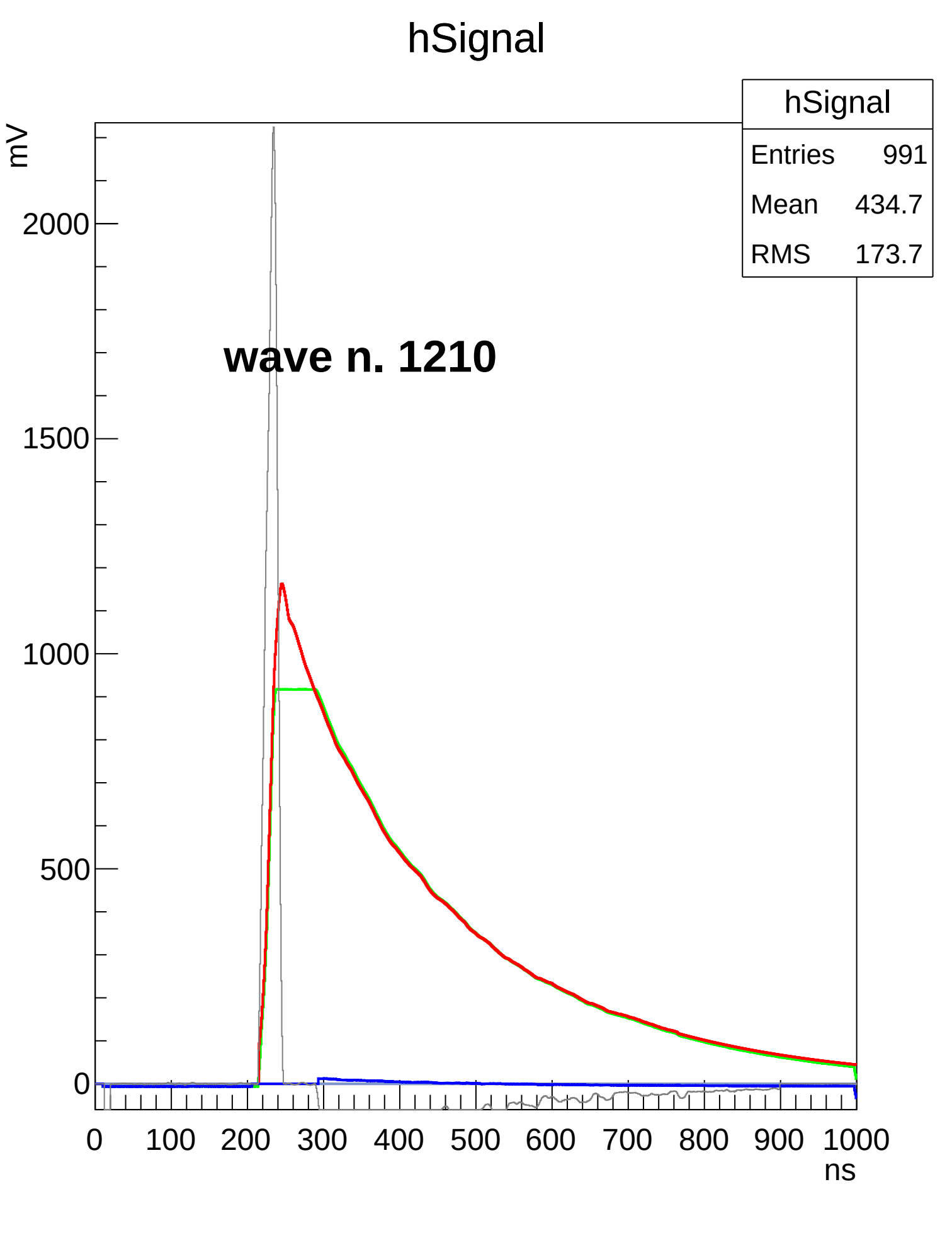
ns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hSignal
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Mean 434.7
RMS 173.7
wave n. 1210
mV
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1000
500
0
0
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400
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1000
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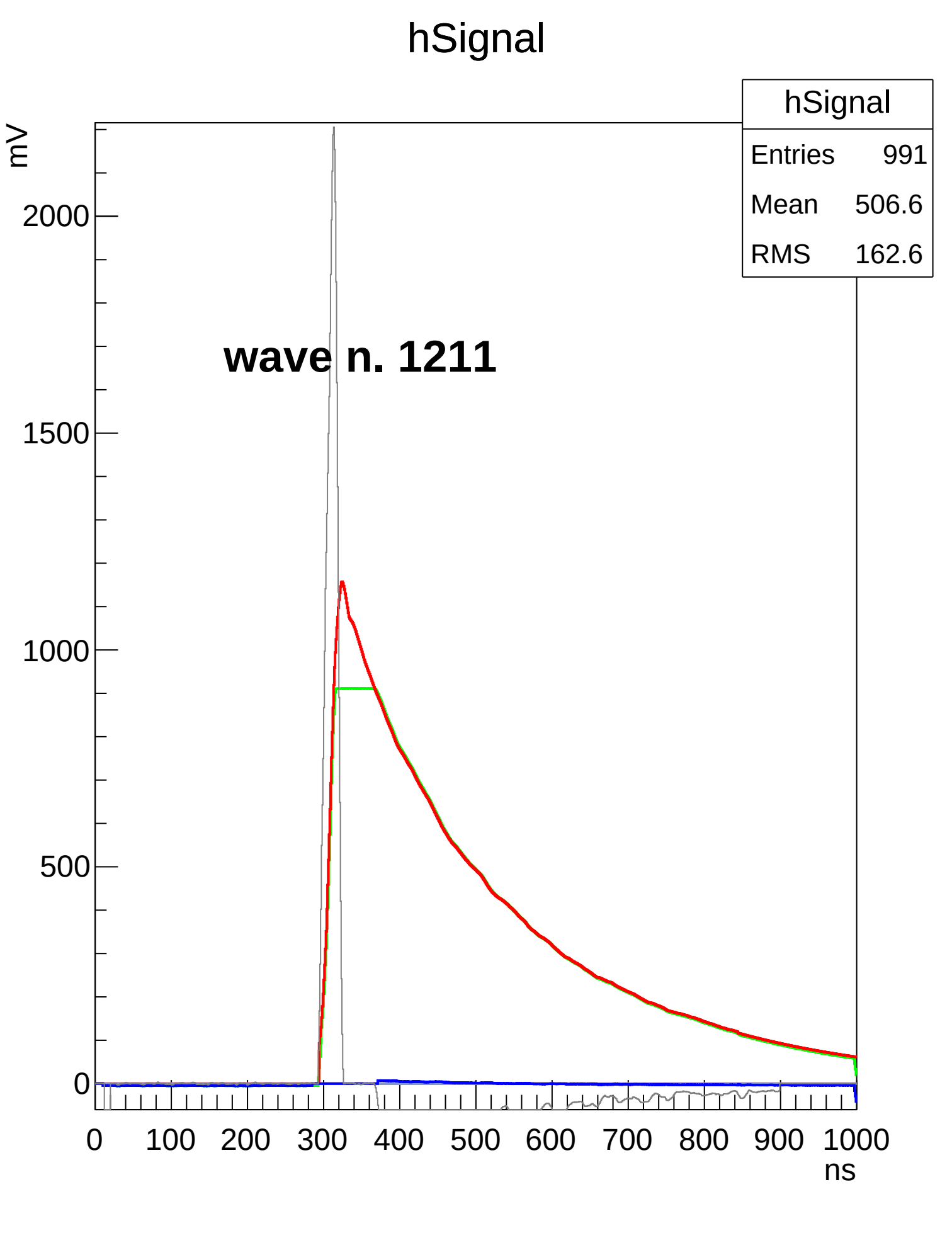
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hSignal
Entries 991
Mean 506.6
RMS 162.6
wave n. 1211
mV
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1000
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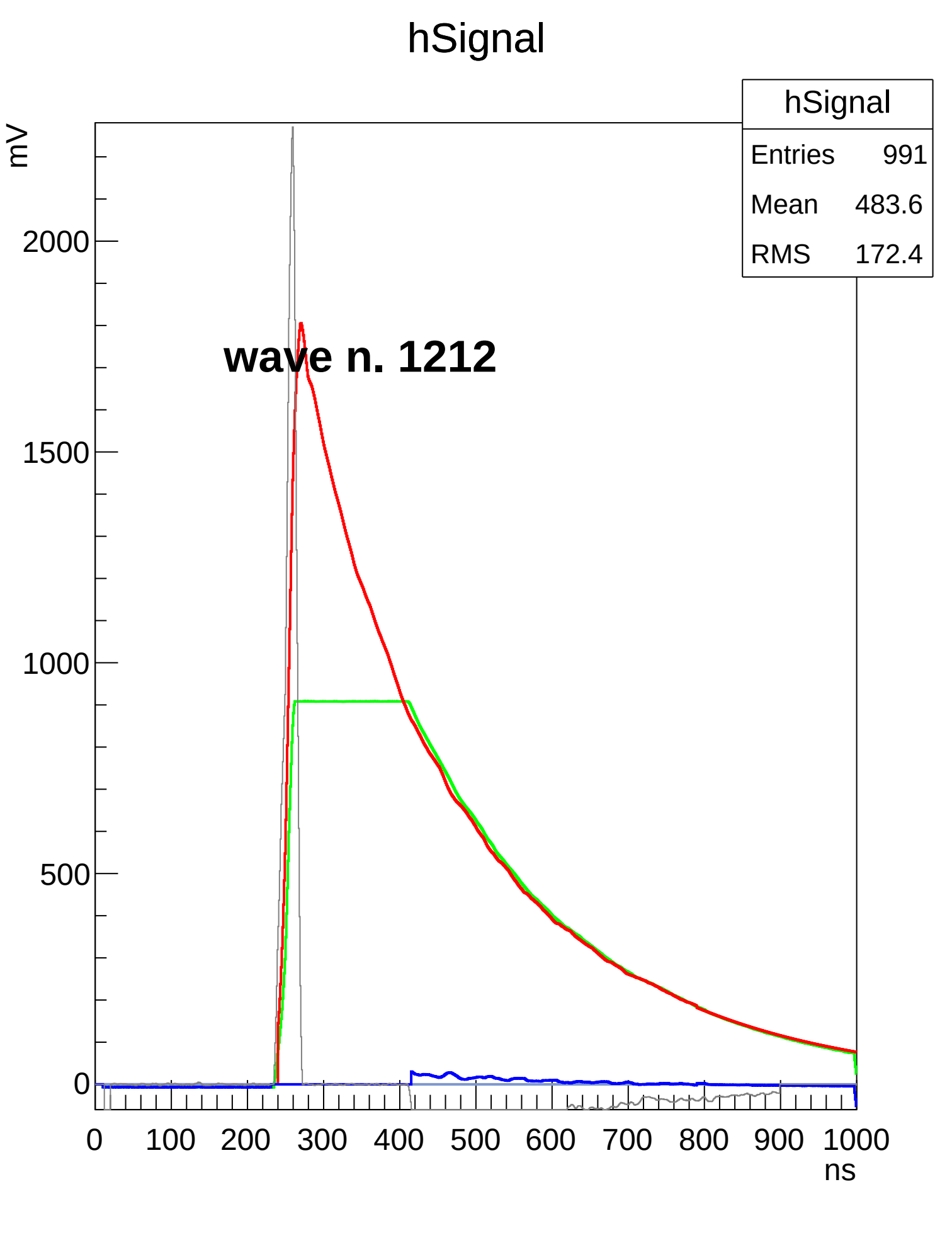
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hSignal
Entries 991
Mean 483.6
RMS 172.4
wave n. 1212
mV
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0
100
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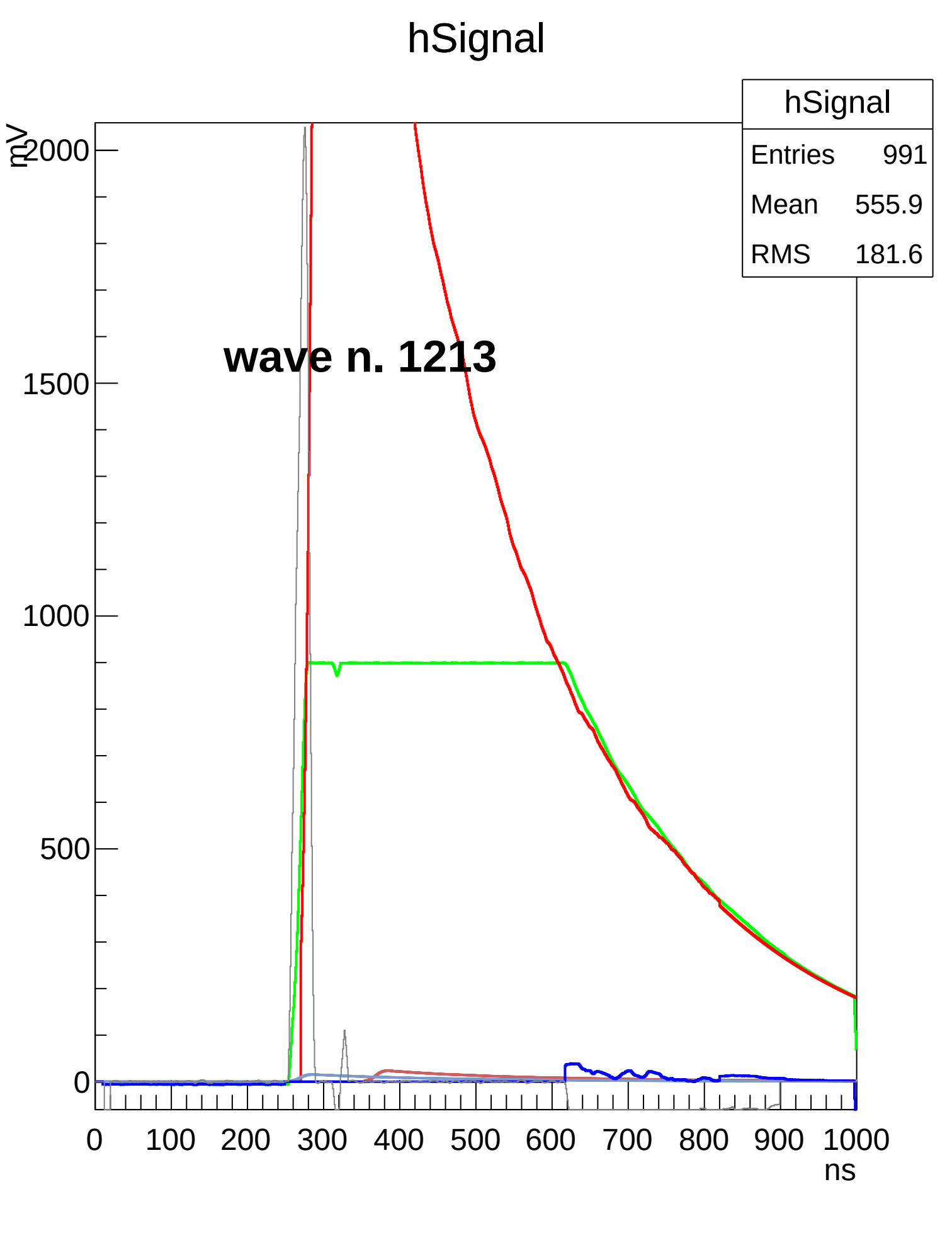
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Mean 555.9
RMS 181.6
wave n. 1213
mV
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1000
500
0
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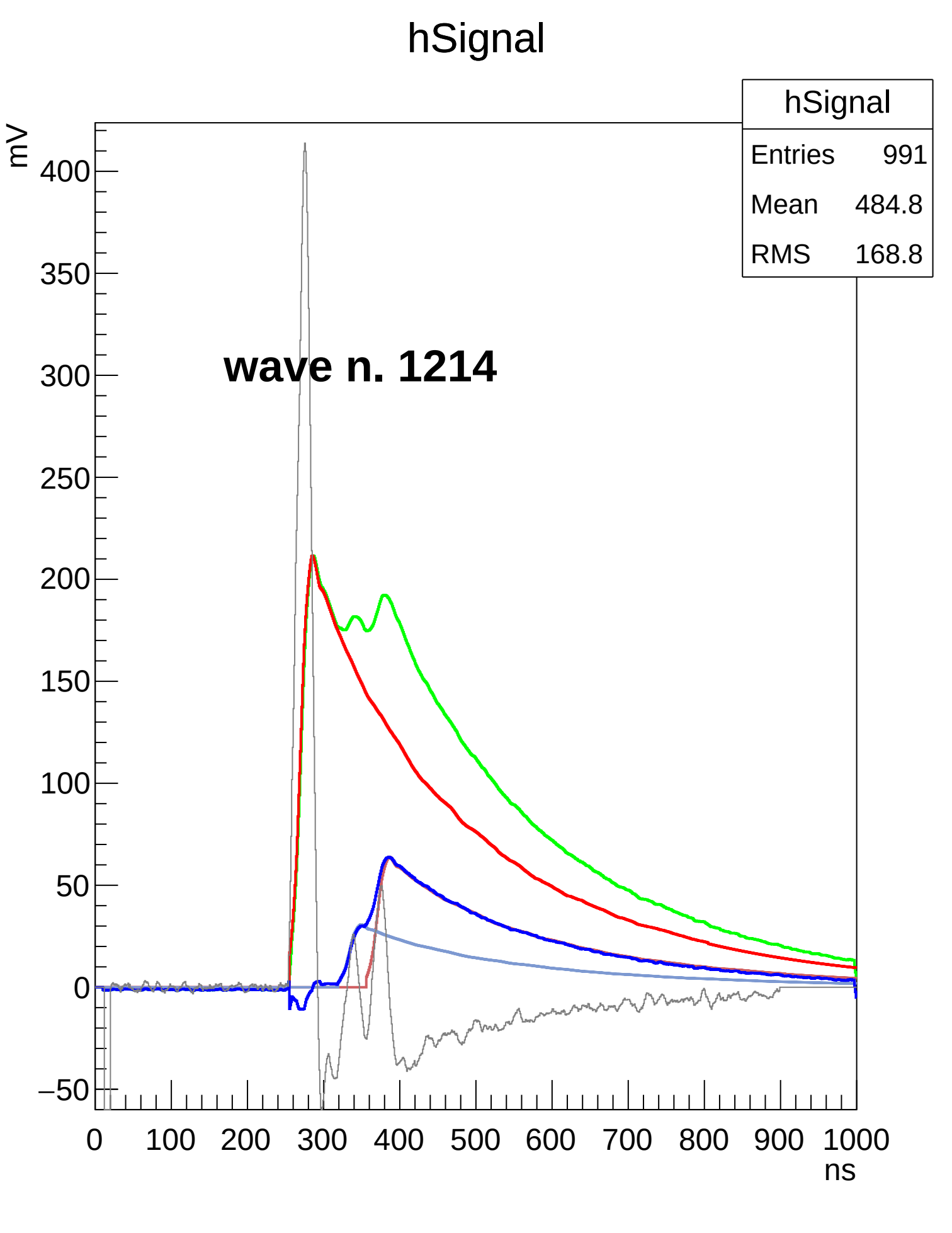
ns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Entries 991
Mean 484.8
RMS 168.8
wave n. 1214
mV
400
350
300
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100
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0
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0
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1000
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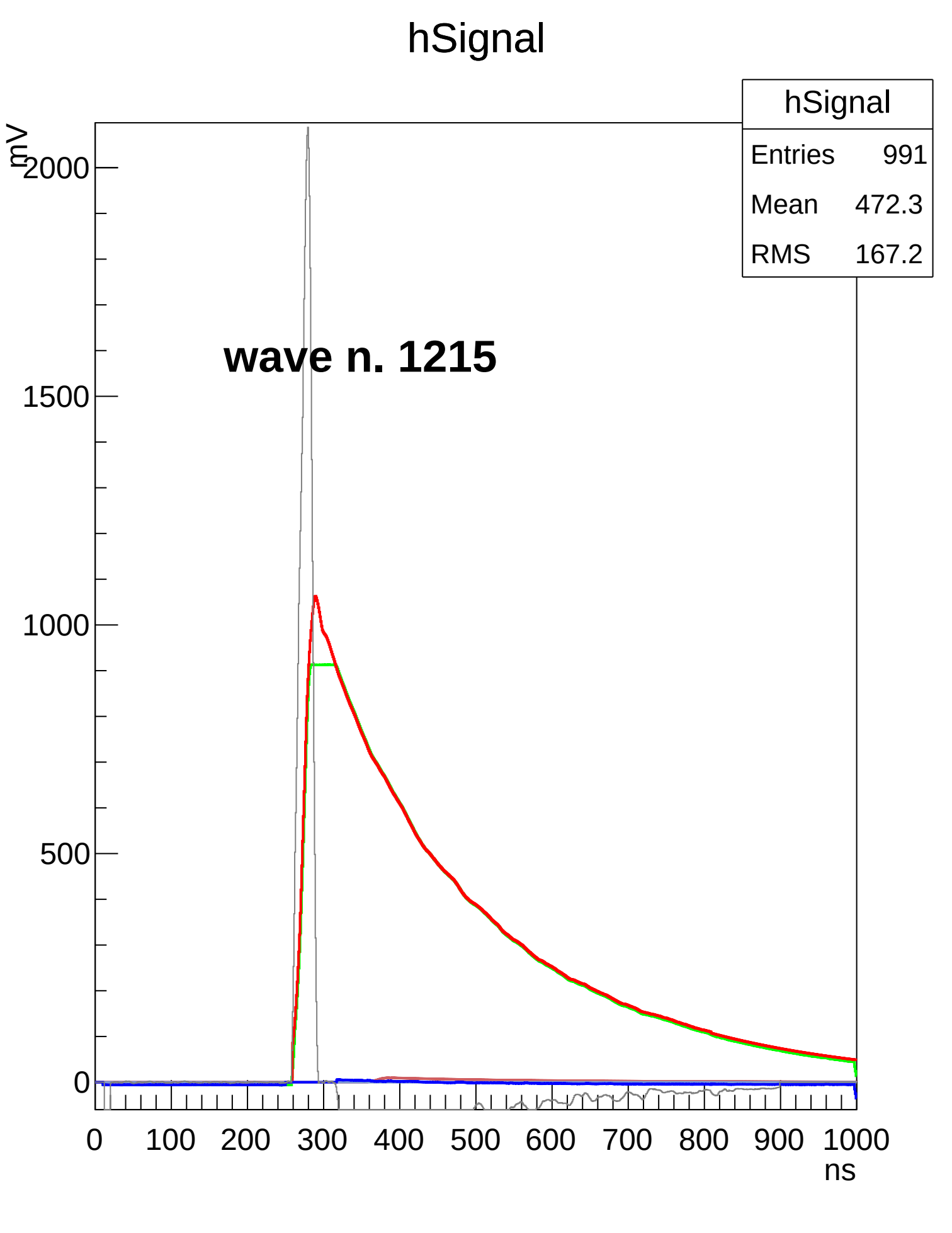
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Entries 991
Mean 472.3
RMS 167.2
wave n. 1215
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1000
500
0
0
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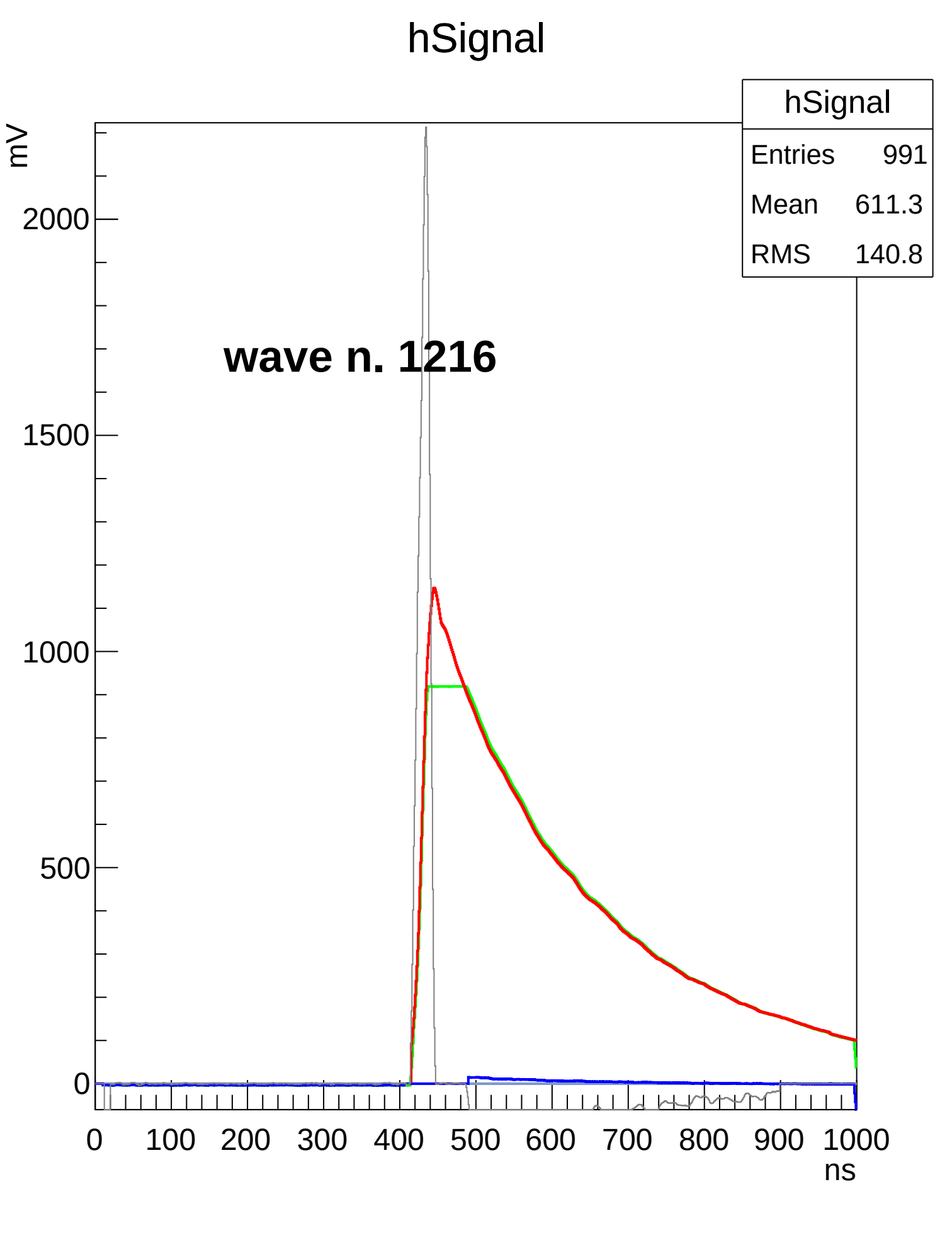
200
300
400
500
600
700
800
900
1000
ns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Entries 991
Mean 611.3
RMS 140.8
wave n. 1216
mV
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1500
1000
500
0
0
100
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800
900
1000
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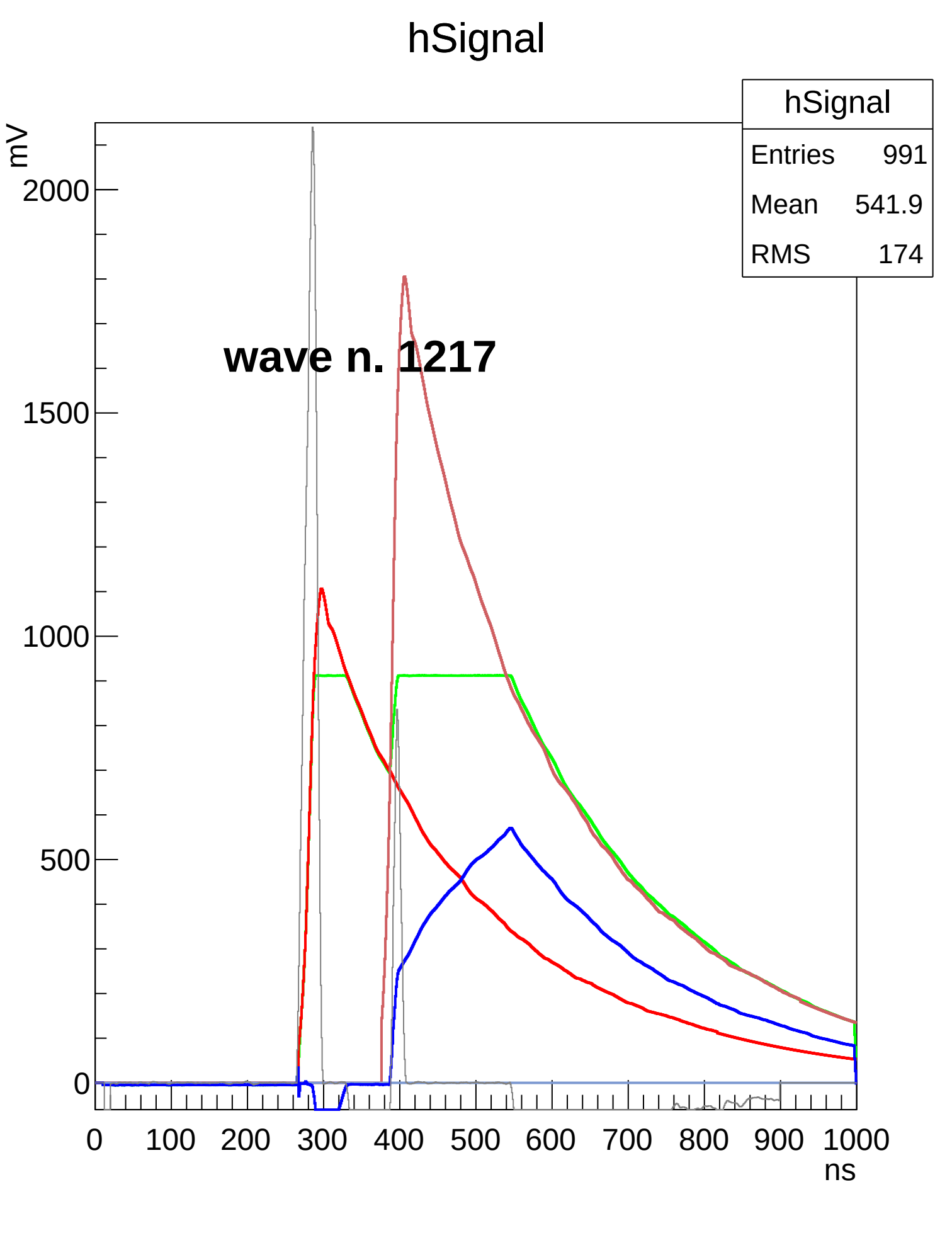
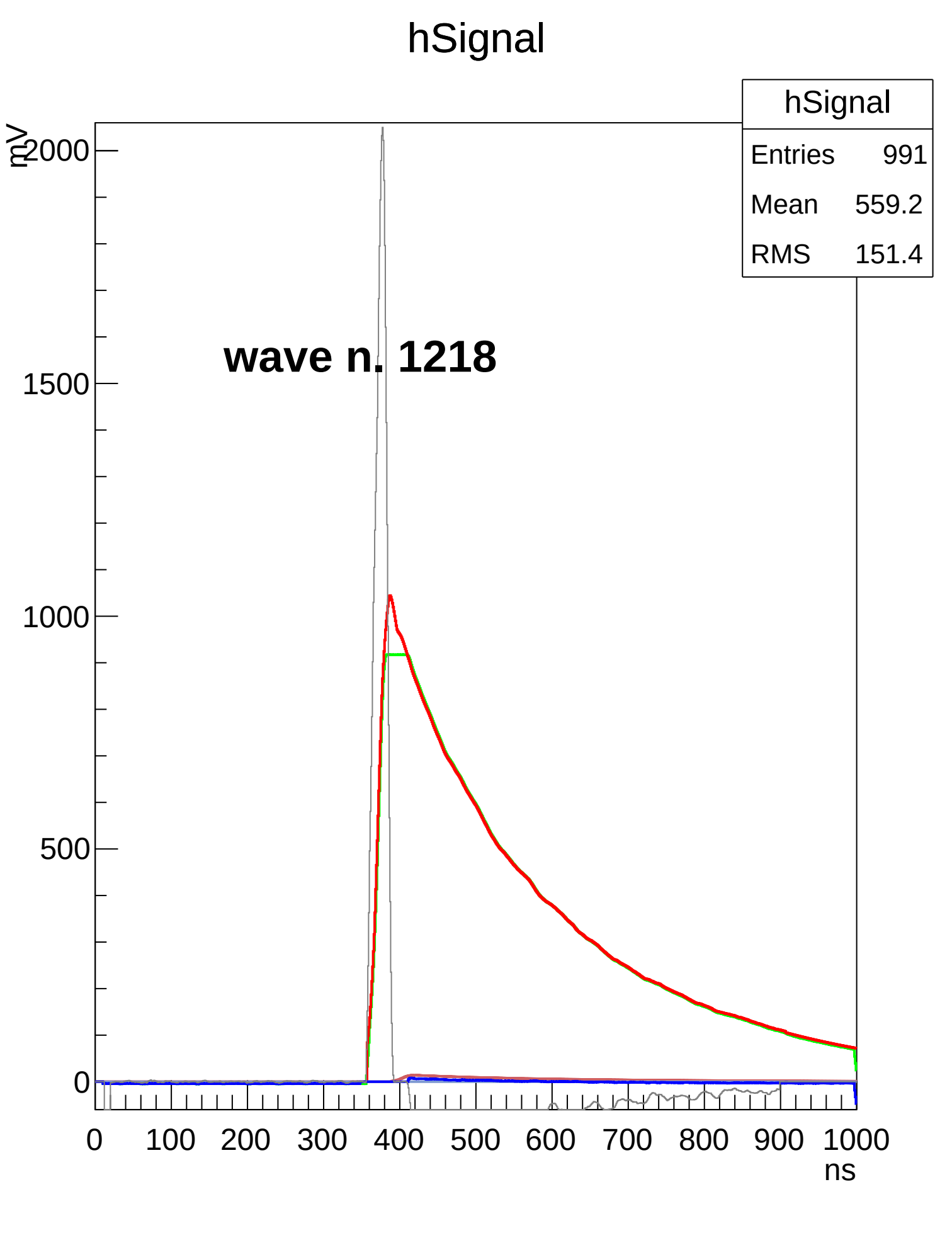

hSignal
hSignal
Entries 991
Mean 541.9
RMS 174
wave n. 1217
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 559.2
RMS 151.4
wave n. 1218
mV
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0
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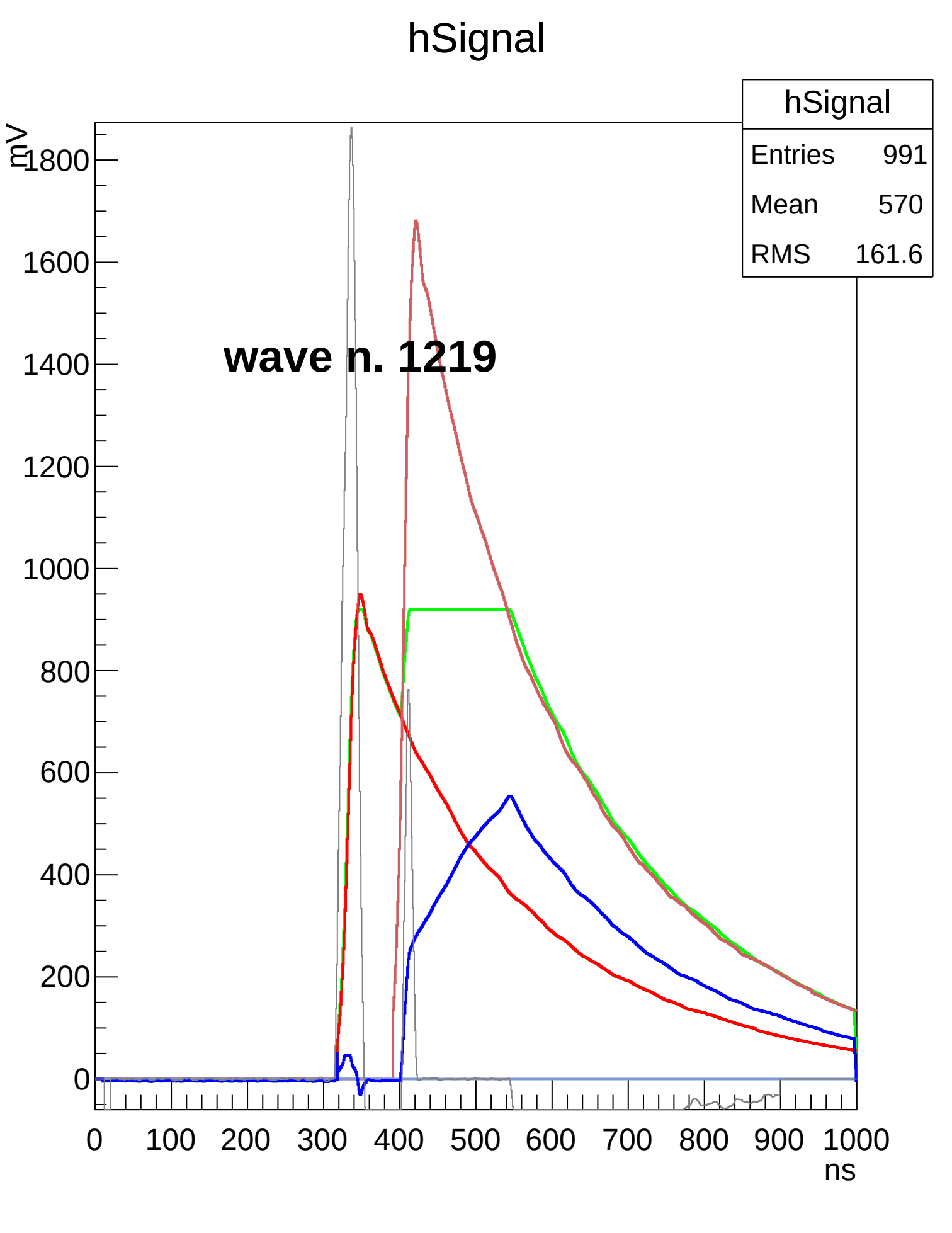
800
900
1000
ns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hSignal
Entries 991
Mean 570
RMS 161.6
wave n. 1219
mV
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1600
1400
1200
1000
800
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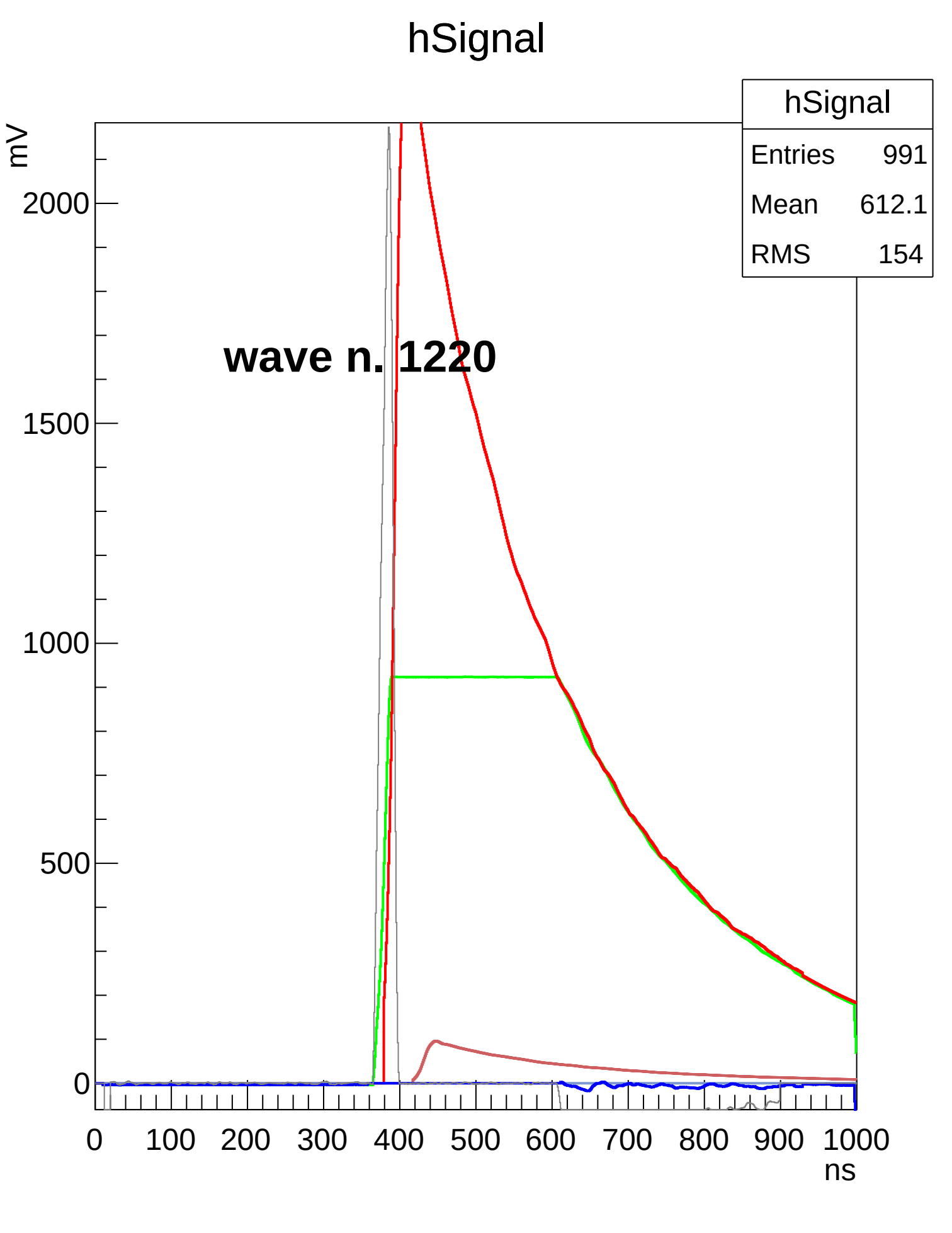
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 612.1
RMS 154
wave n. 1220
mV
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1500
1000
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0
0
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800
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1000
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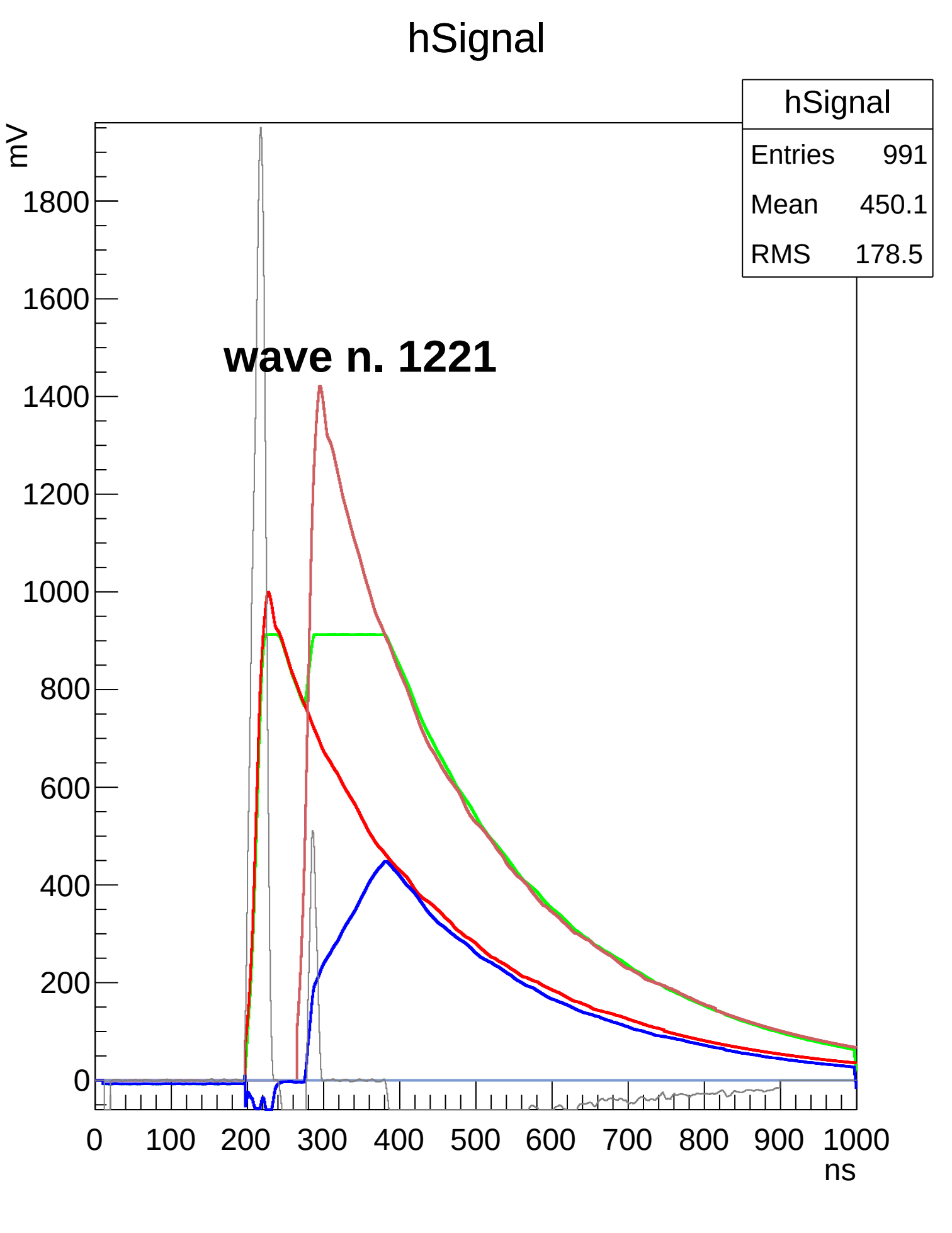
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Entries 991
Mean 450.1
RMS 178.5
wave n. 1221
mV
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1600
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0
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1000
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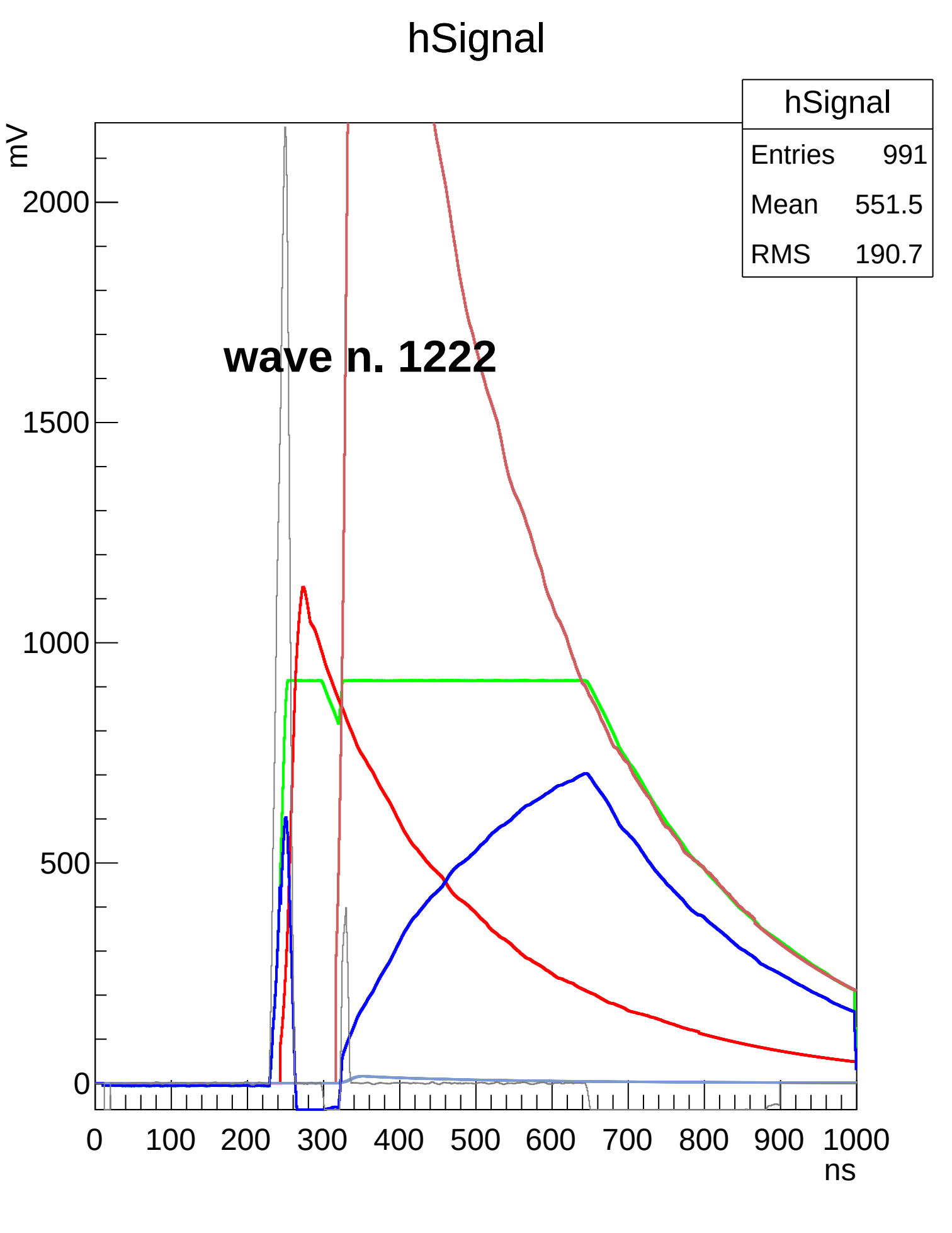
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hSignal
Entries 991
Mean 551.5
RMS 190.7
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mV
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0
100
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800
900
1000
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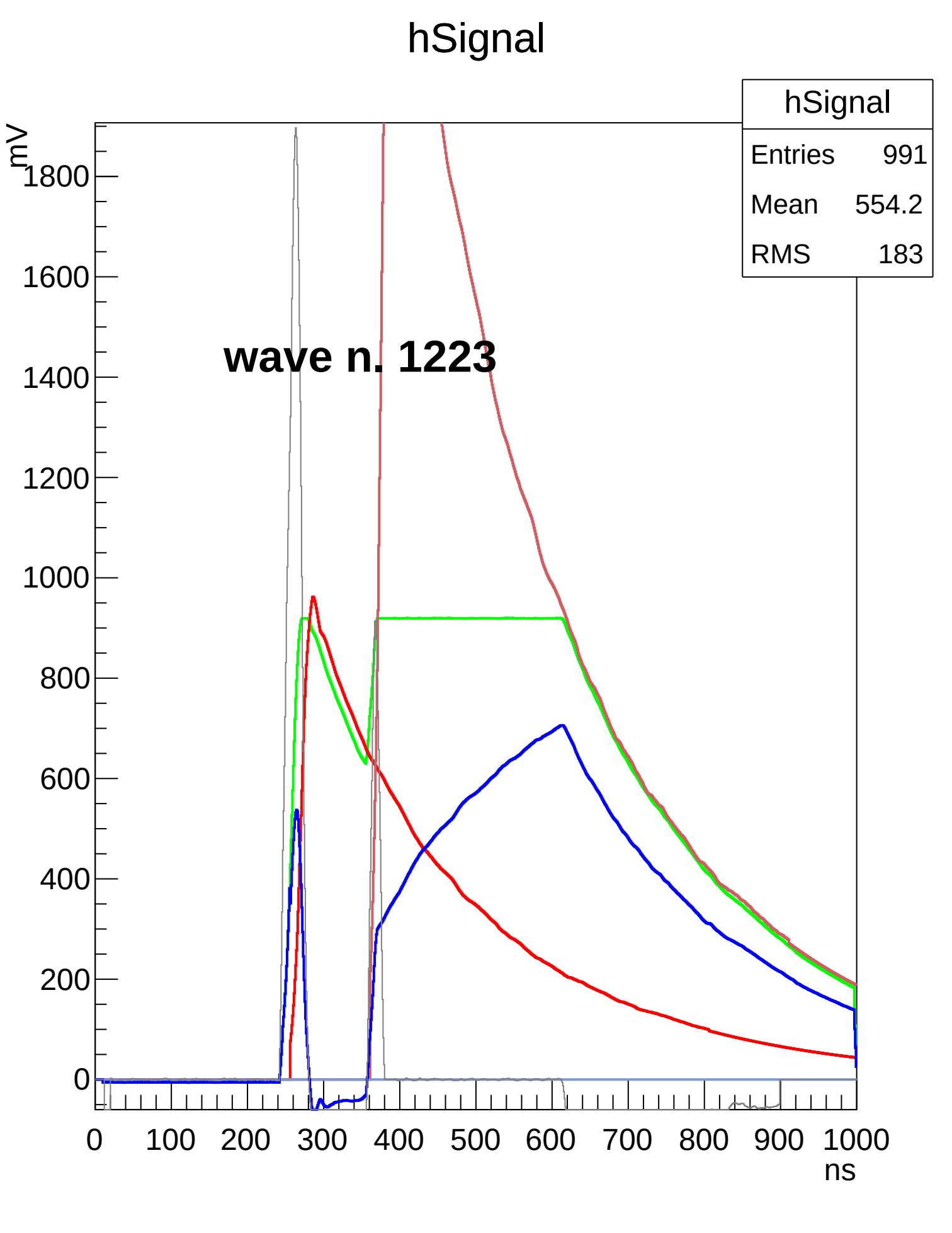
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hSignal
Entries 991
Mean 554.2
RMS 183
wave n. 1223
mV
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1600
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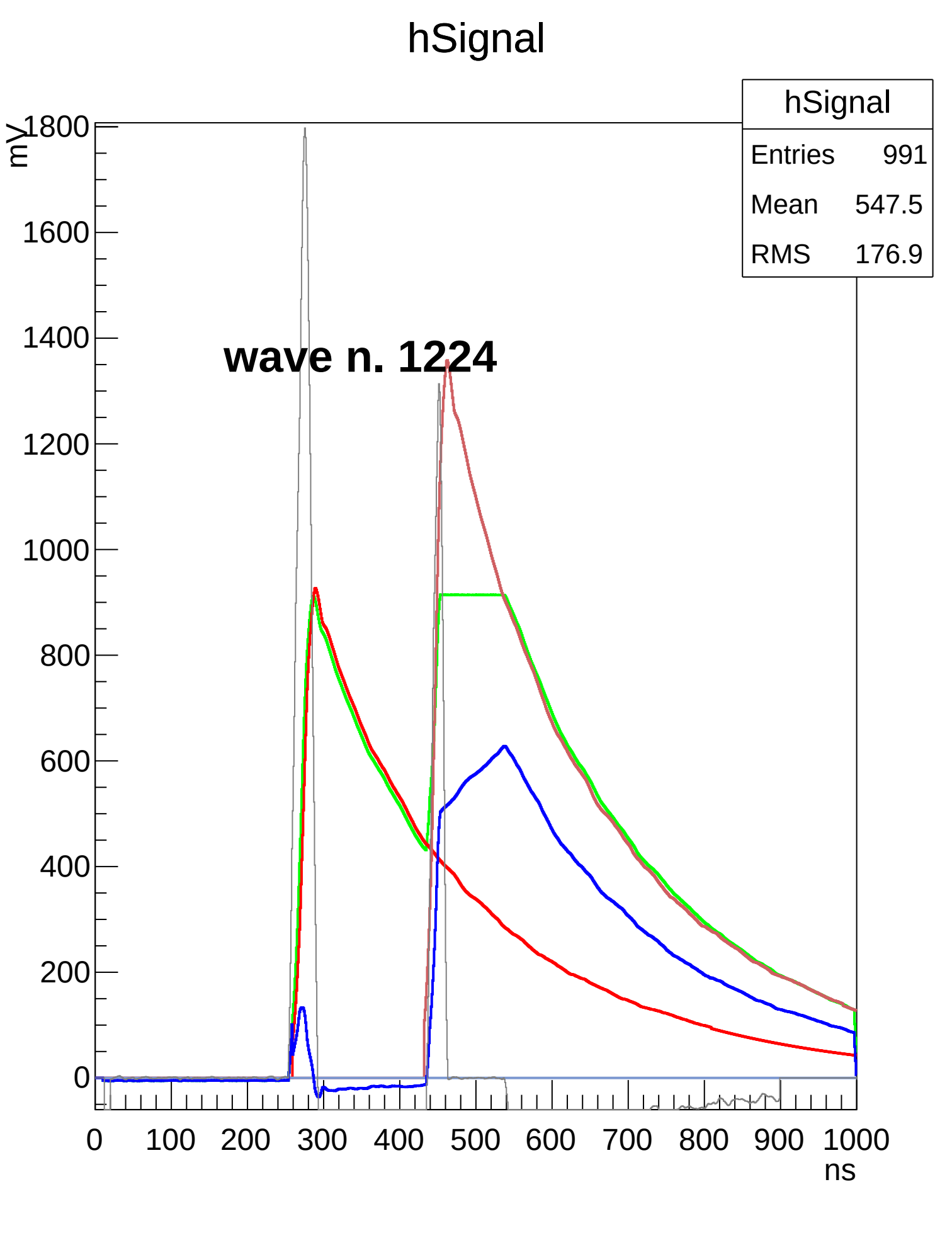
800
900
1000
ns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hSignal
Entries 991
Mean 547.5
RMS 176.9
wave n. 1224
mV
1800
1600
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1000
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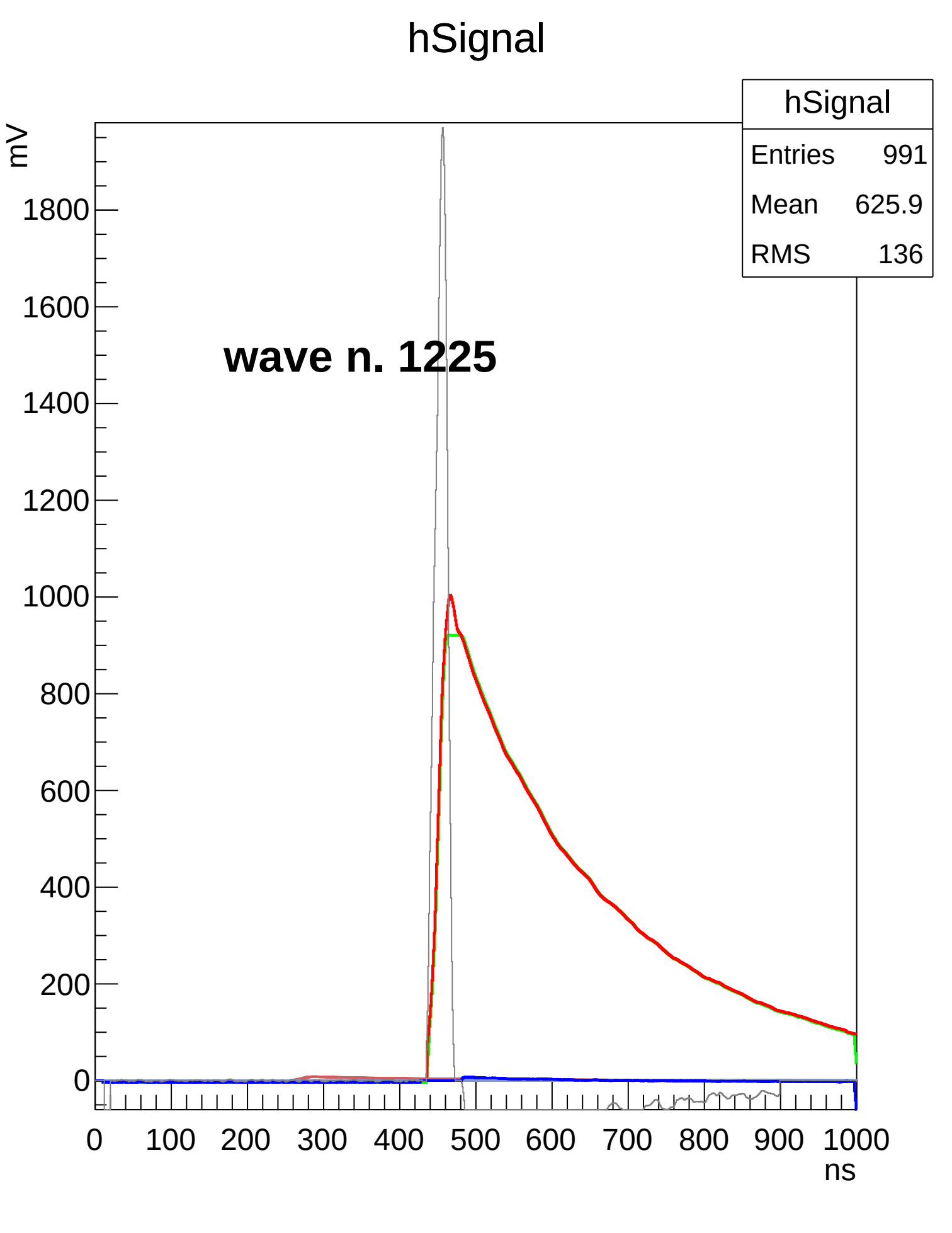
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hSignal
Entries 991
Mean 625.9
RMS 136
wave n. 1225
mV
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1600
1400
1200
1000
800
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400
200
0
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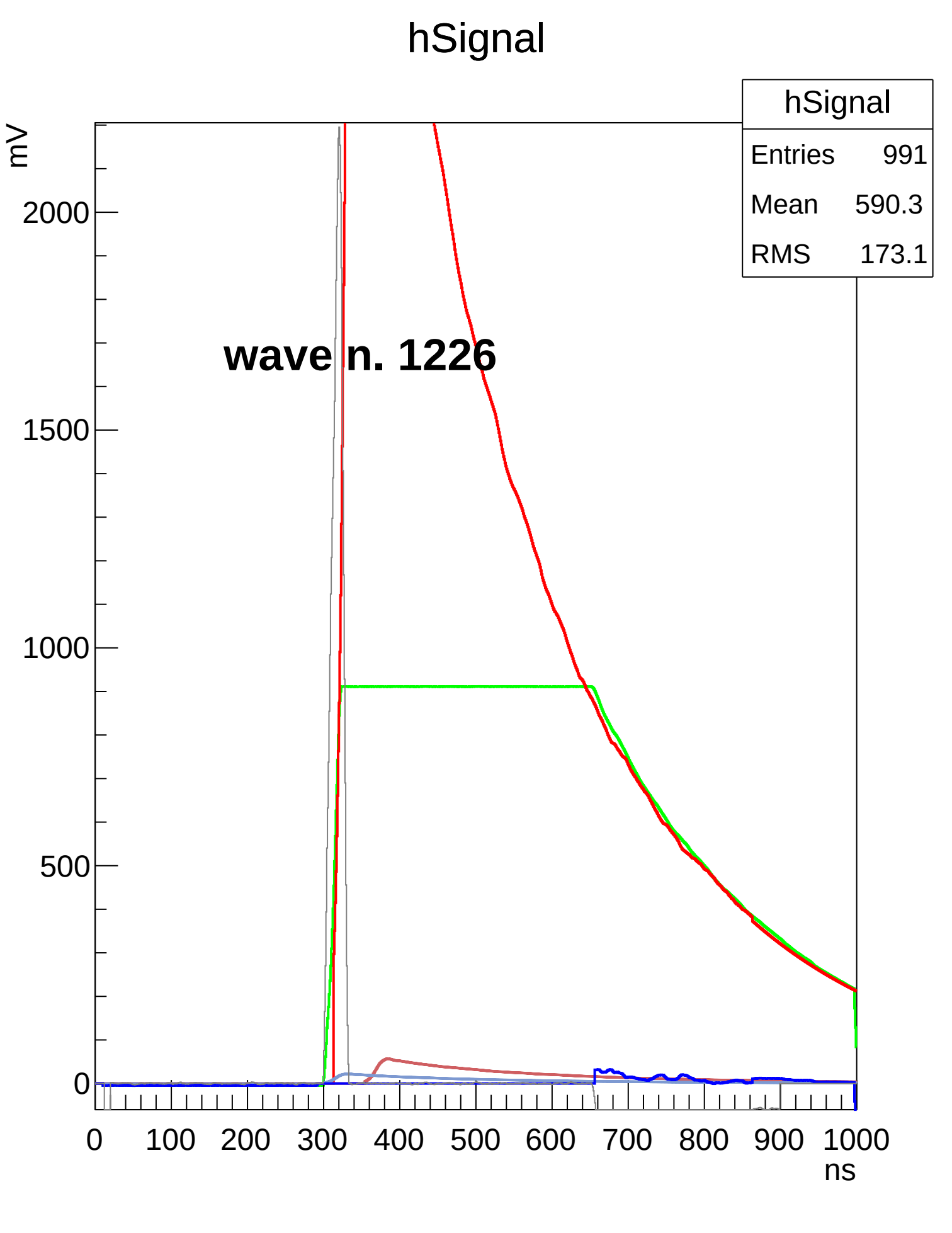
ns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hSignal
Entries 991
Mean 590.3
RMS 173.1
wave n. 1226
mV
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500
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400
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600
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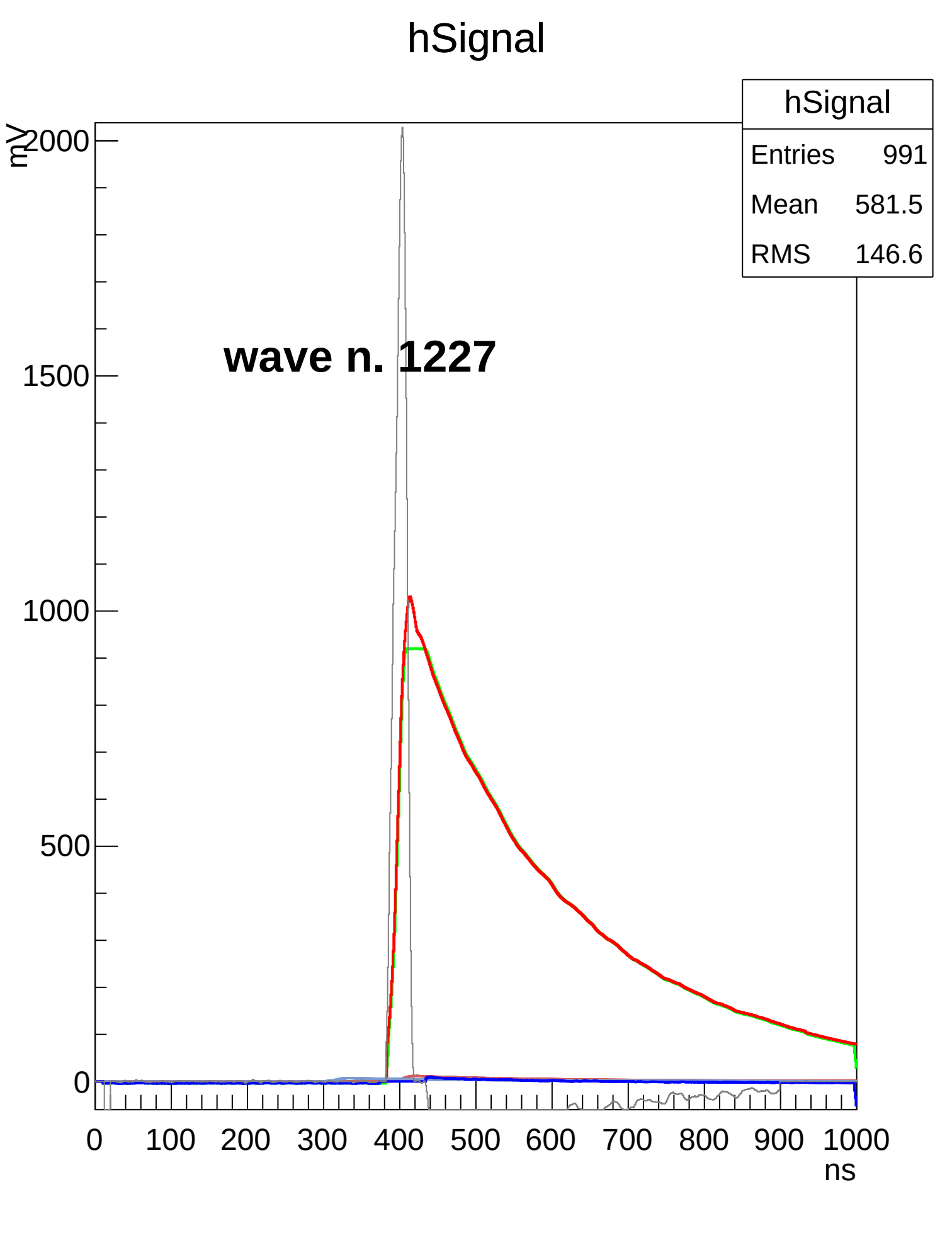
1000
ns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hSignal
Entries 991
Mean 581.5
RMS 146.6
wave n. 1227
mV
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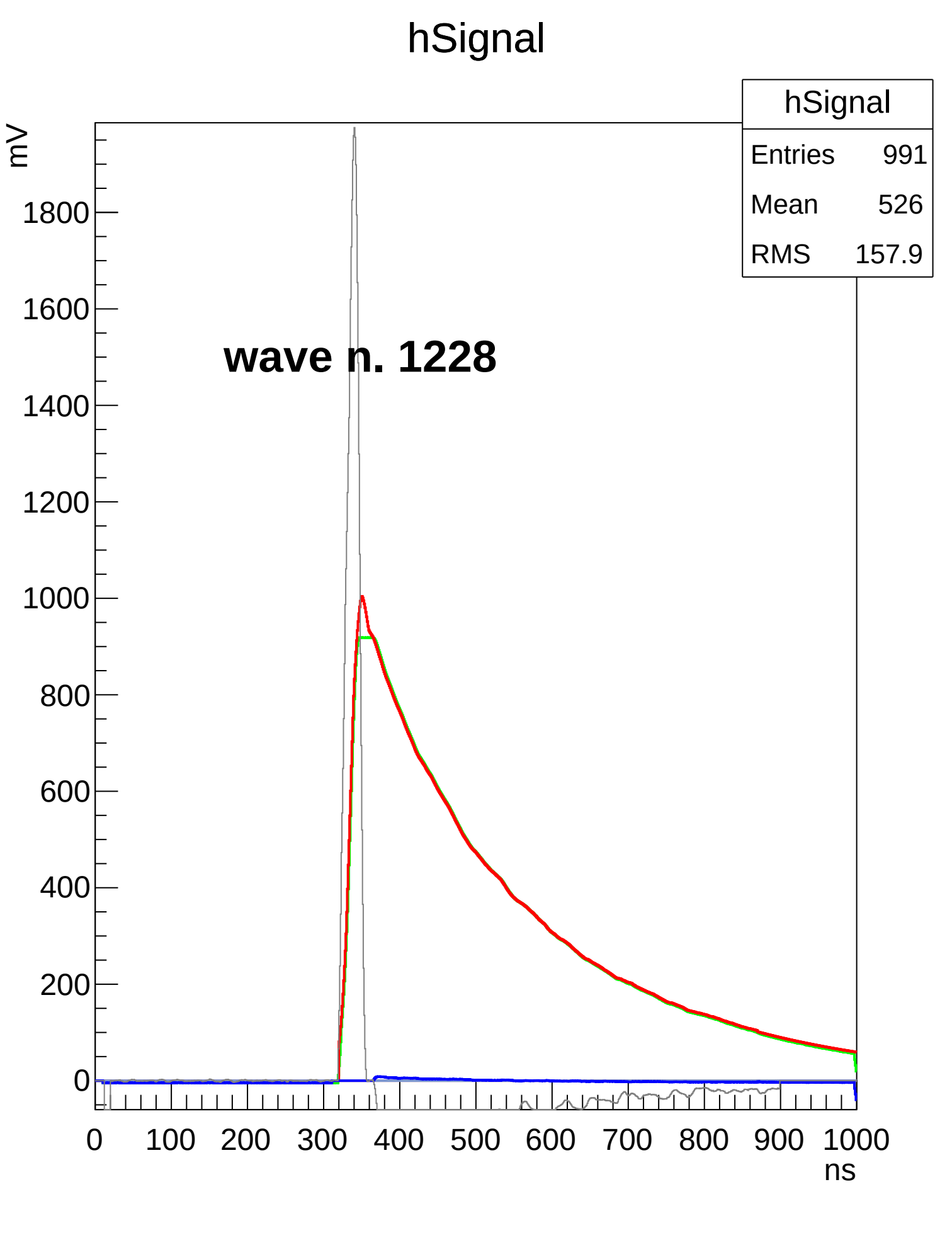
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hSignal
Entries 991
Mean 526
RMS 157.9
wave n. 1228
mV
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1400
1200
1000
800
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200
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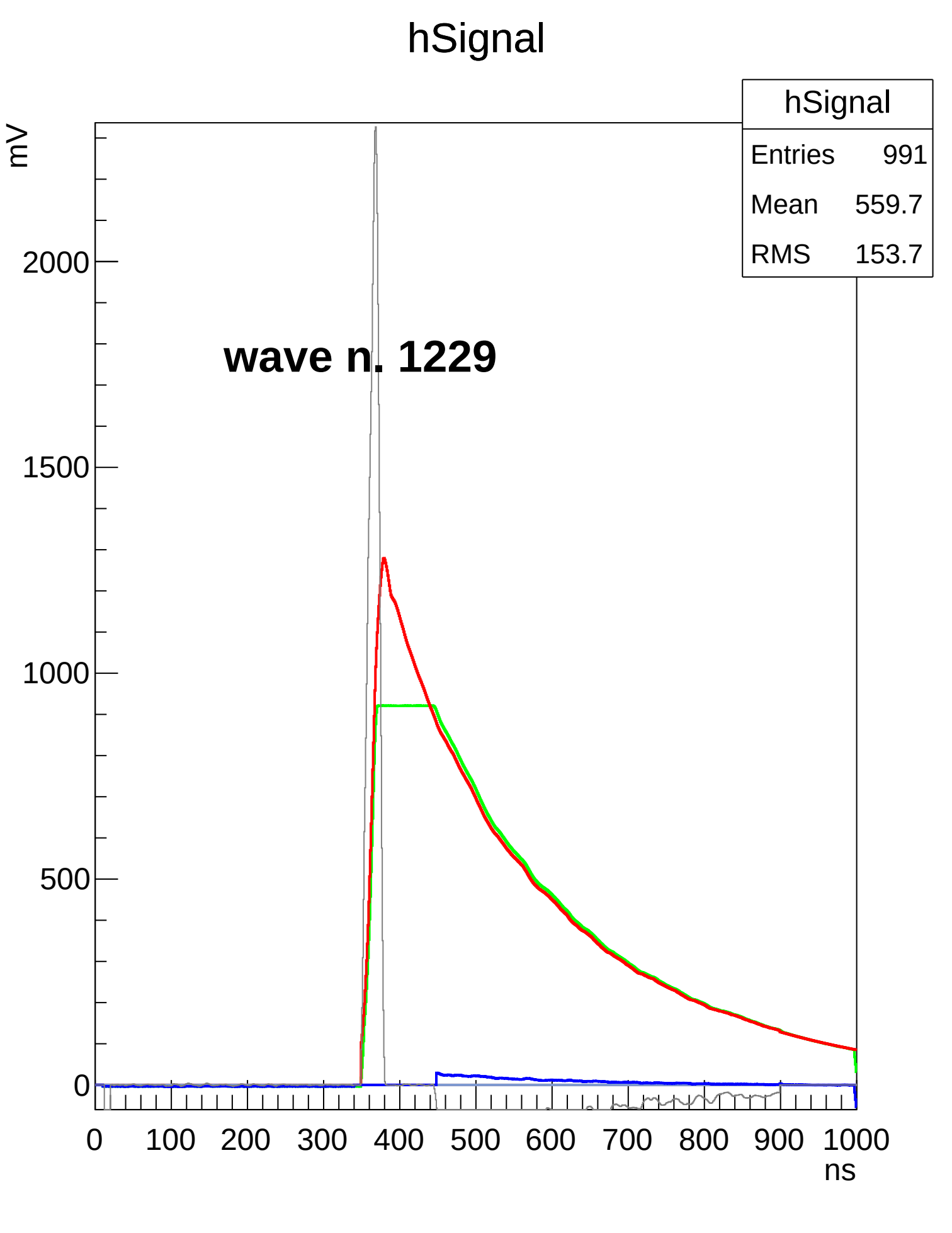
ns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hSignal
Entries 991
Mean 559.7
RMS 153.7
wave n. 1229
mV
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1000
500
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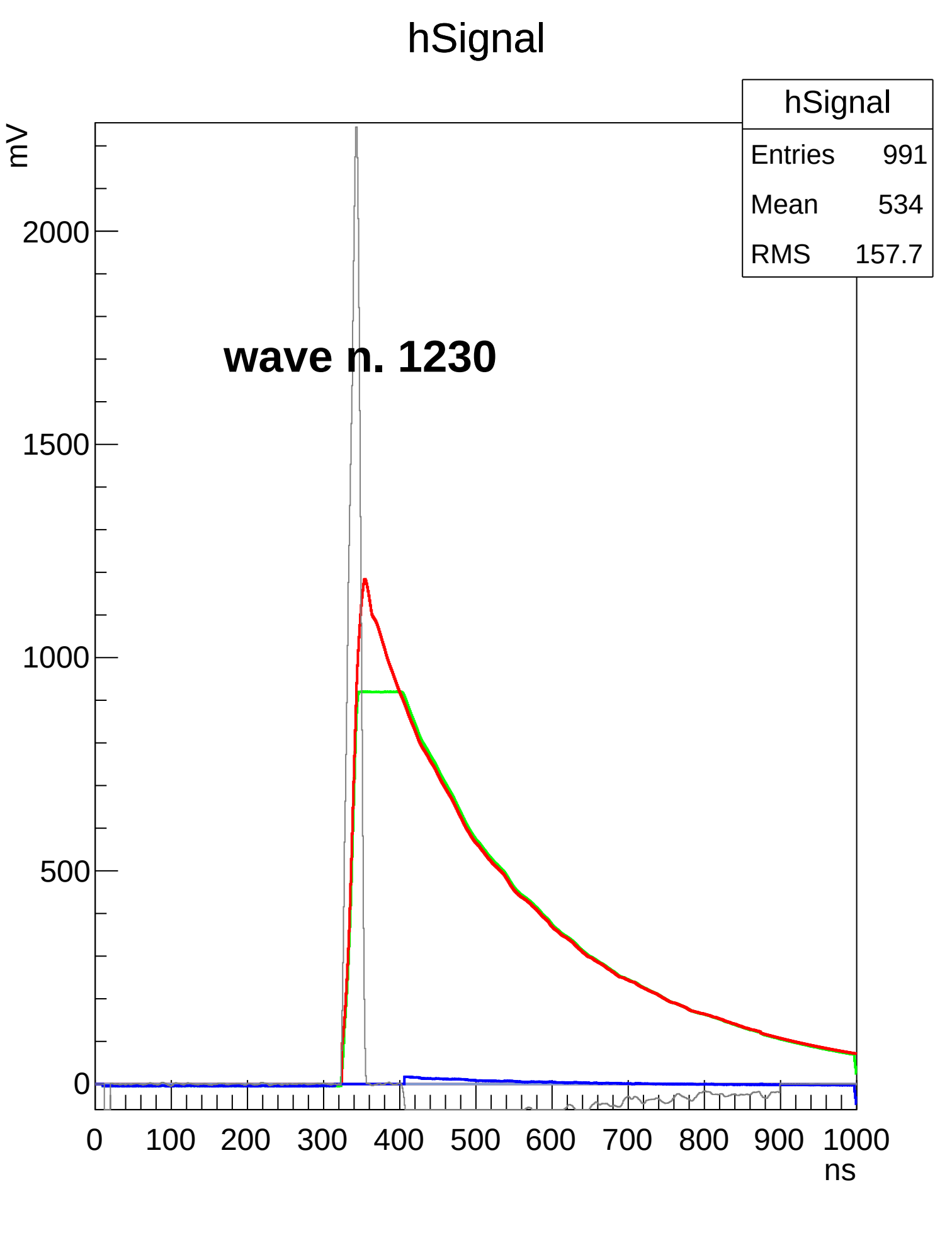
ns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Entries 991
Mean 534
RMS 157.7
wave n. 1230
mV
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1000
500
0
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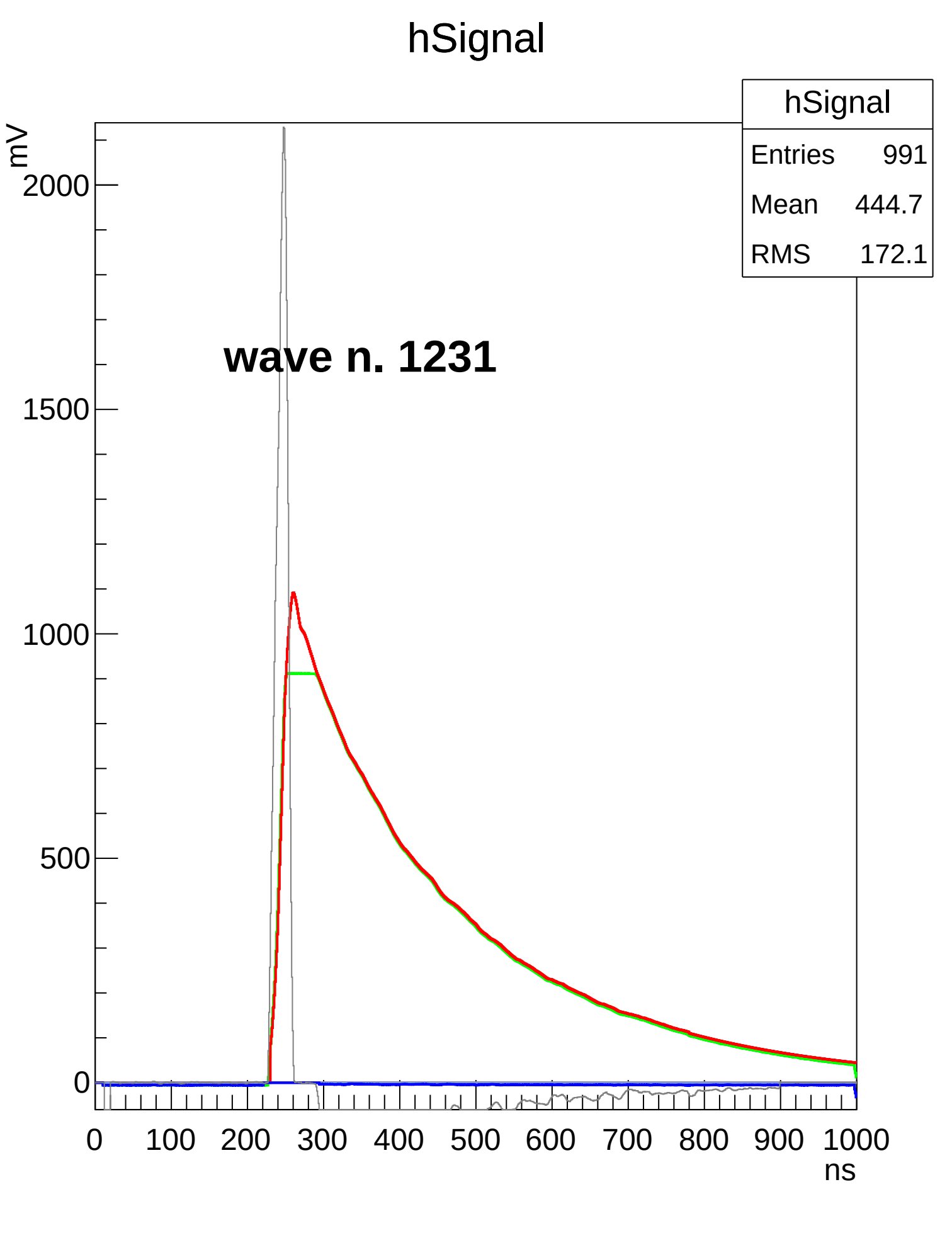
ns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hSignal
Entries 991
Mean 444.7
RMS 172.1
wave n. 1231
mV
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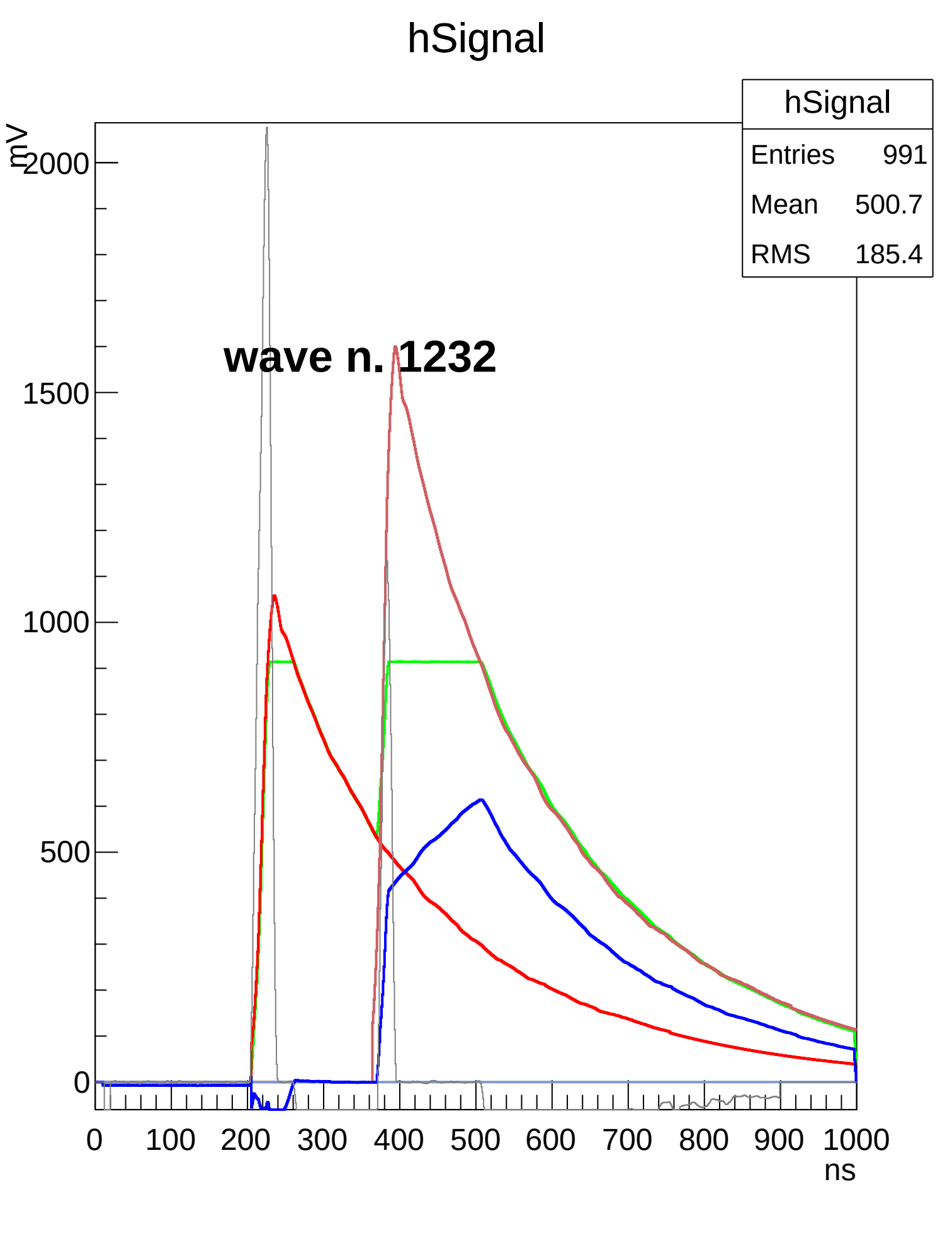
800
900
1000
ns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Entries 991
Mean 500.7
RMS 185.4
wave n. 1232
mV
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1000
500
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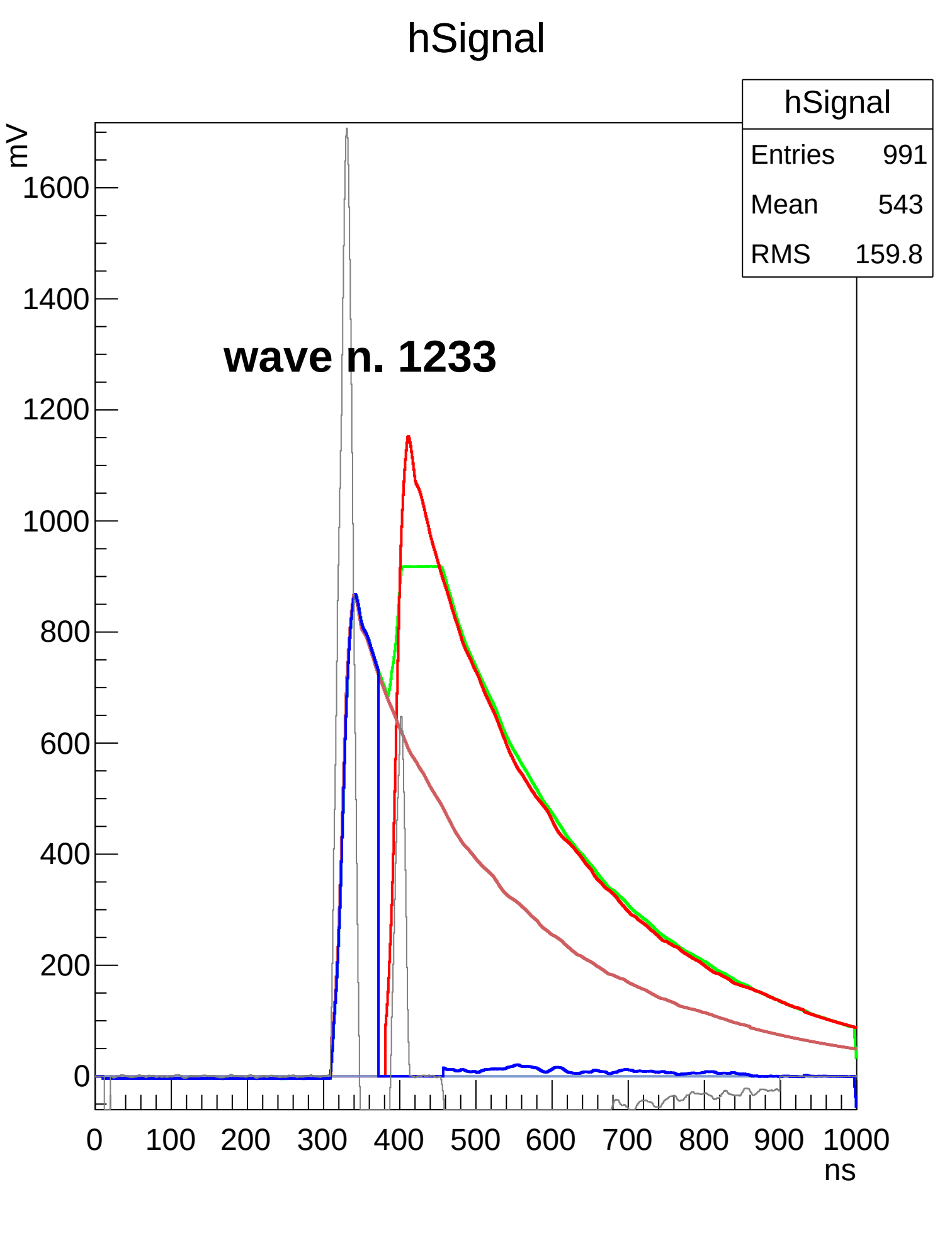
ns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hSignal
Entries 991
Mean 543
RMS 159.8
wave n. 1233
mV
1600
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1200
1000
800
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400
200
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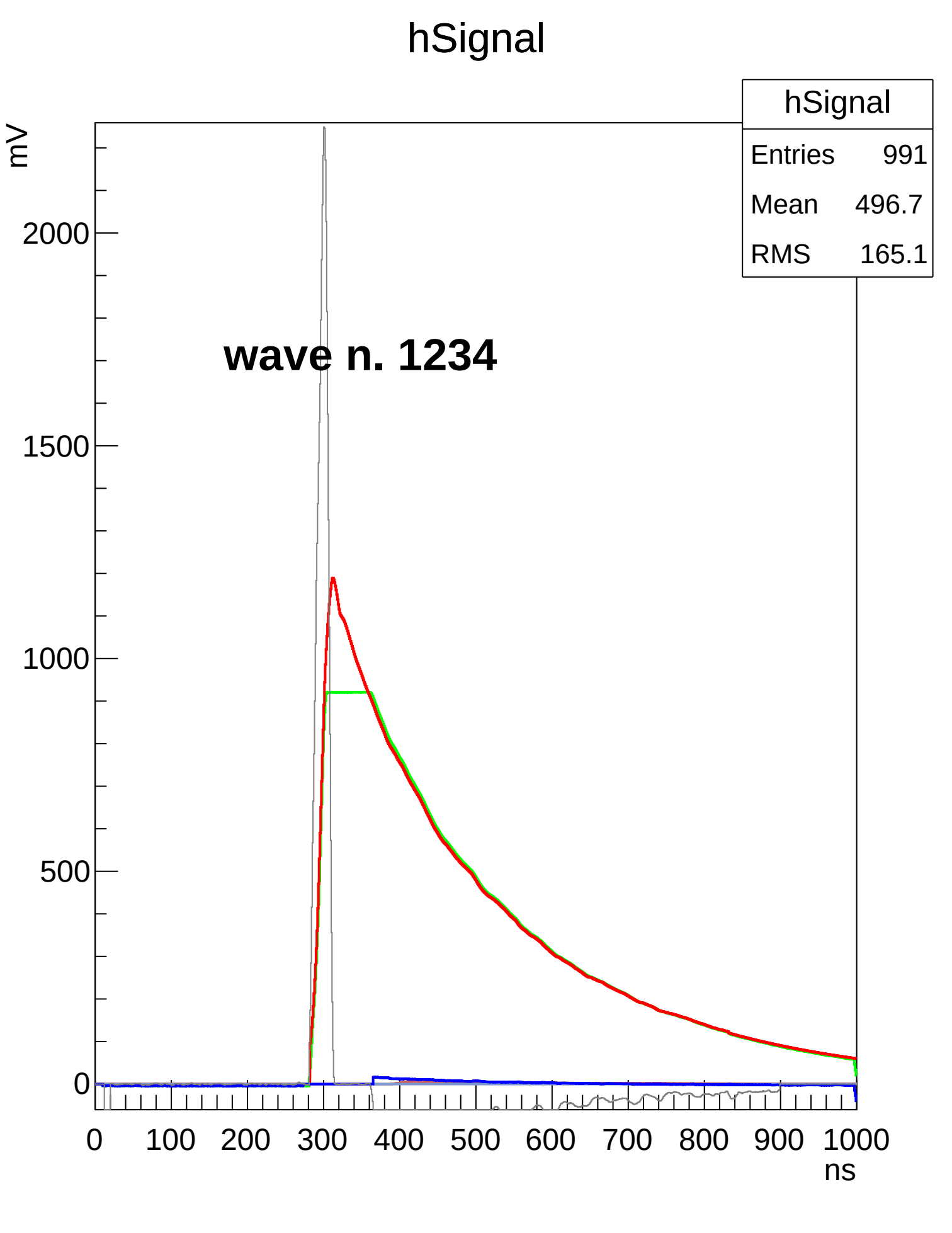
ns


hSignal
hSignal
Entries 991
Mean 496.7
RMS 165.1
wave n. 1234
mV
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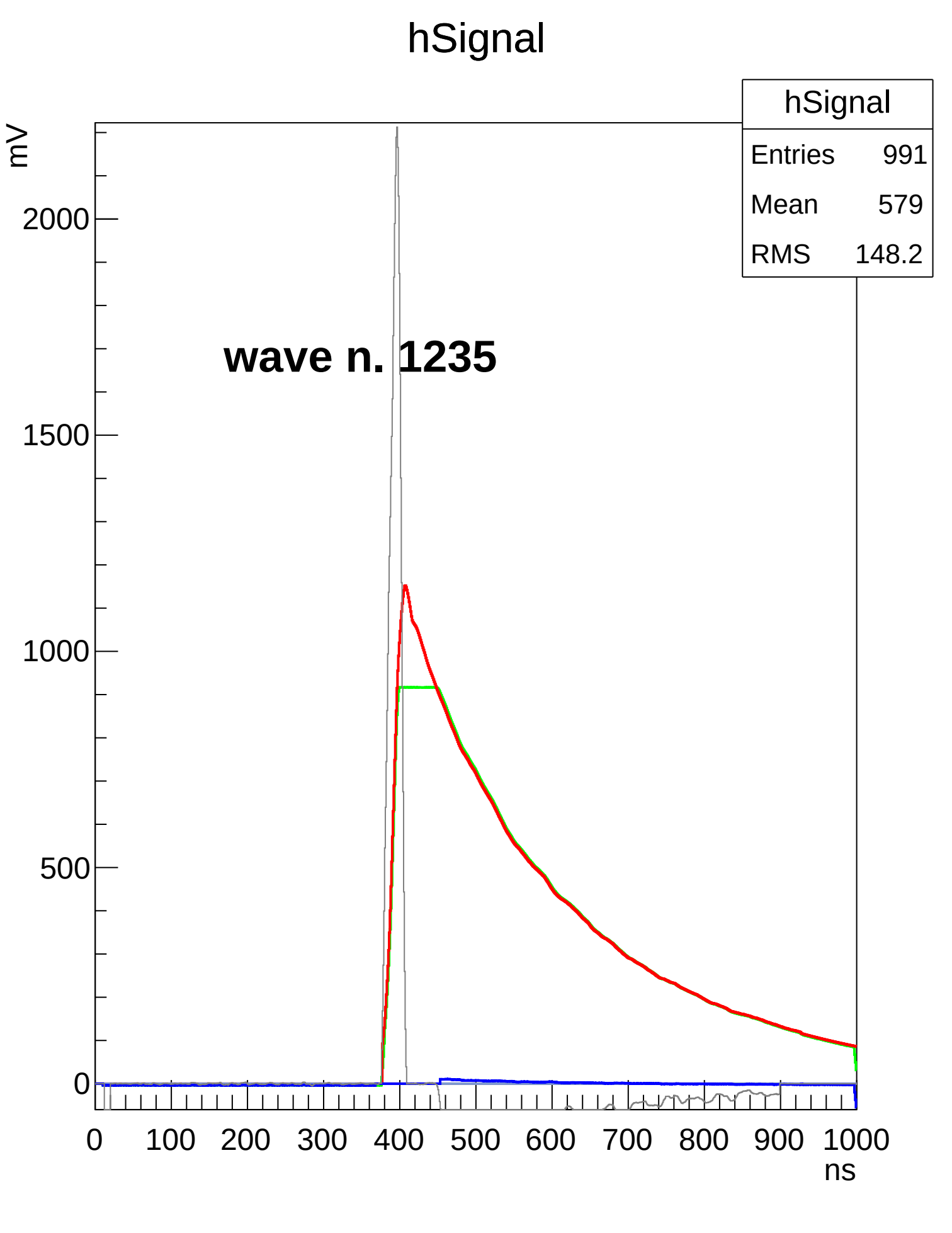
900
1000
ns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Entries 991
Mean 579
RMS 148.2
wave n. 1235
mV
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1000
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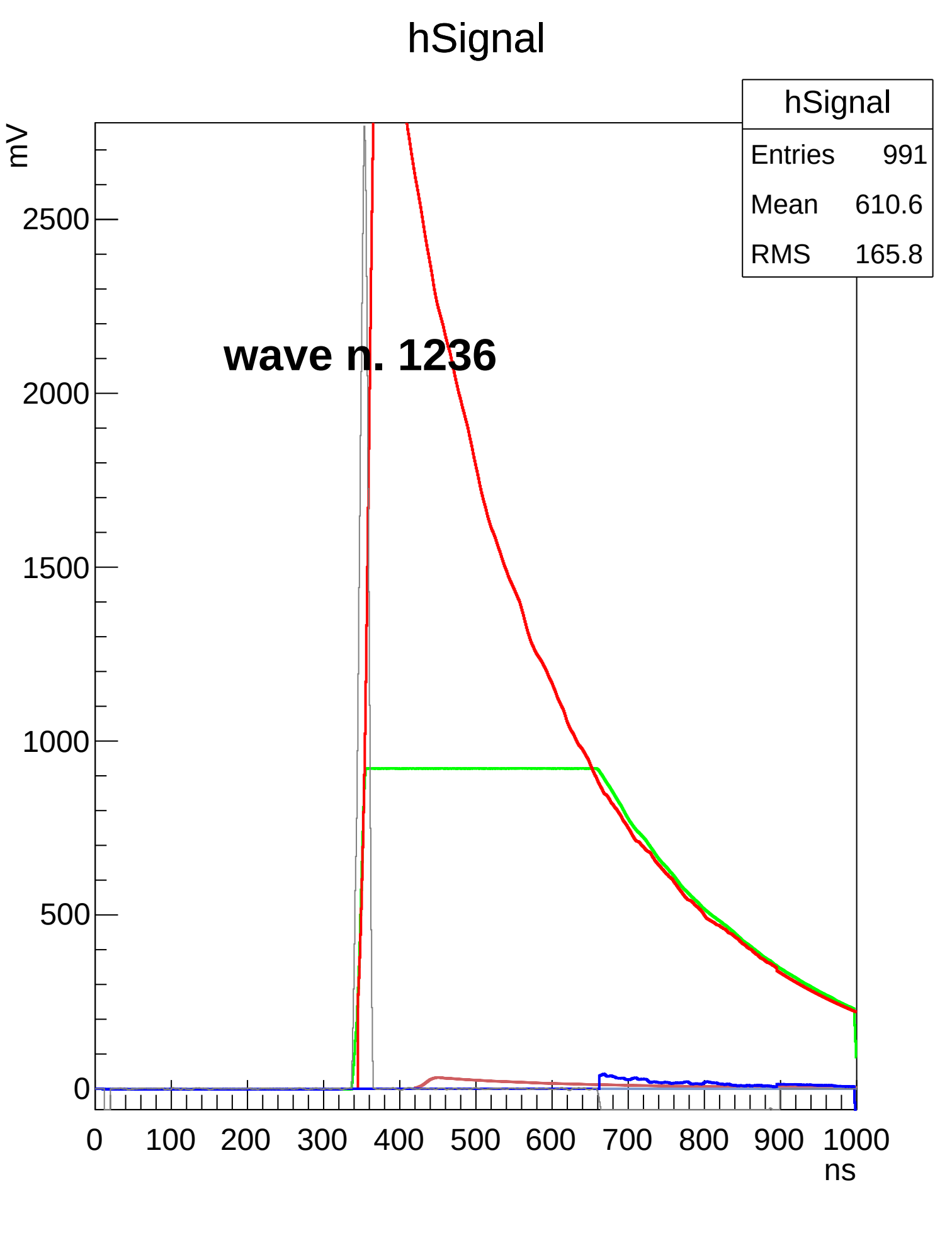
ns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hSignal
Entries 991
Mean 610.6
RMS 165.8
wave n. 1236
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1000
500
0
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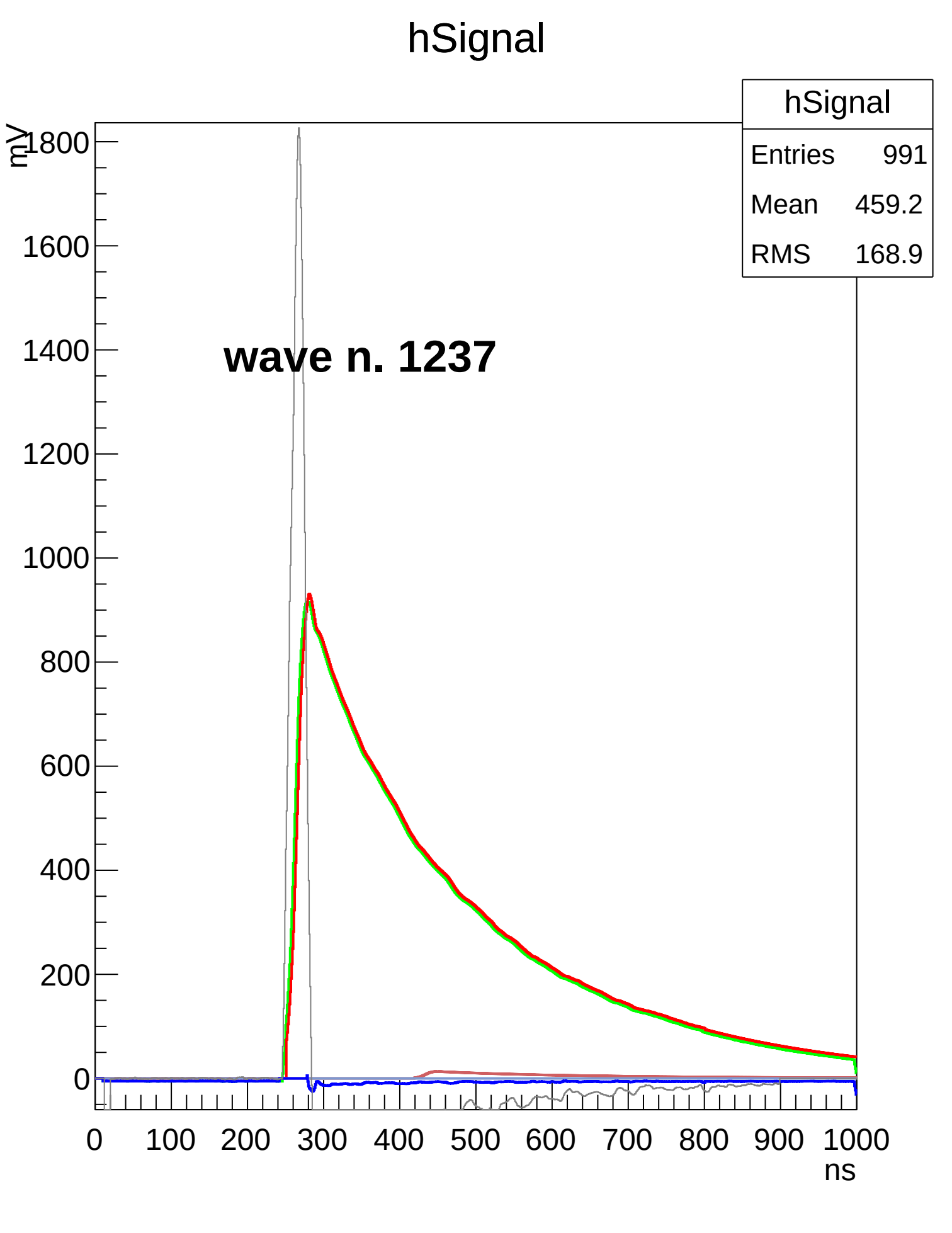
ns


hSignal
hSignal
Entries 991
Mean 459.2
RMS 168.9
wave n. 1237
mV
1800
1600
1400
1200
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0
0
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400
500
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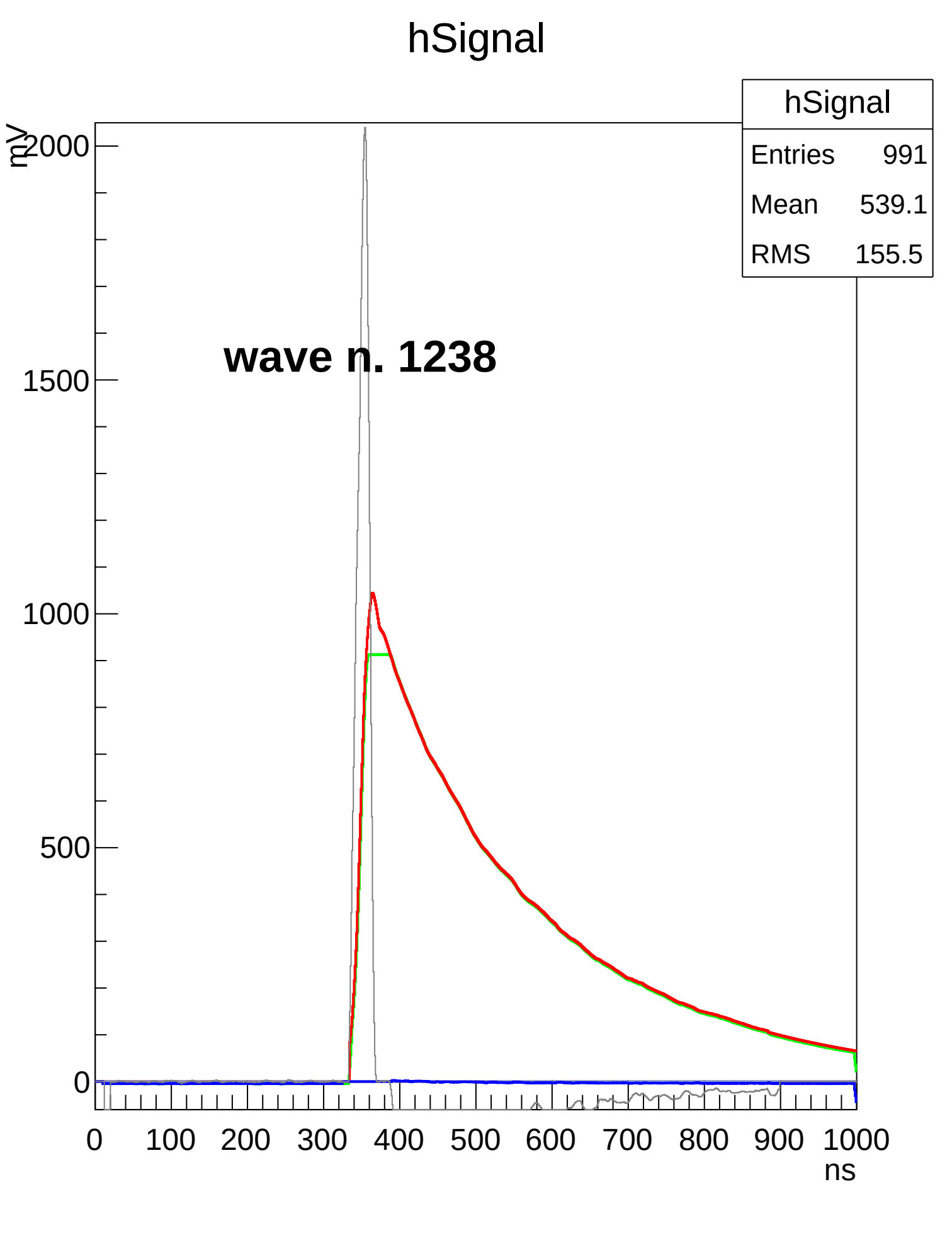
1000
ns


hSignal
hSignal
Entries 991
Mean 539.1
RMS 155.5
wave n. 1238
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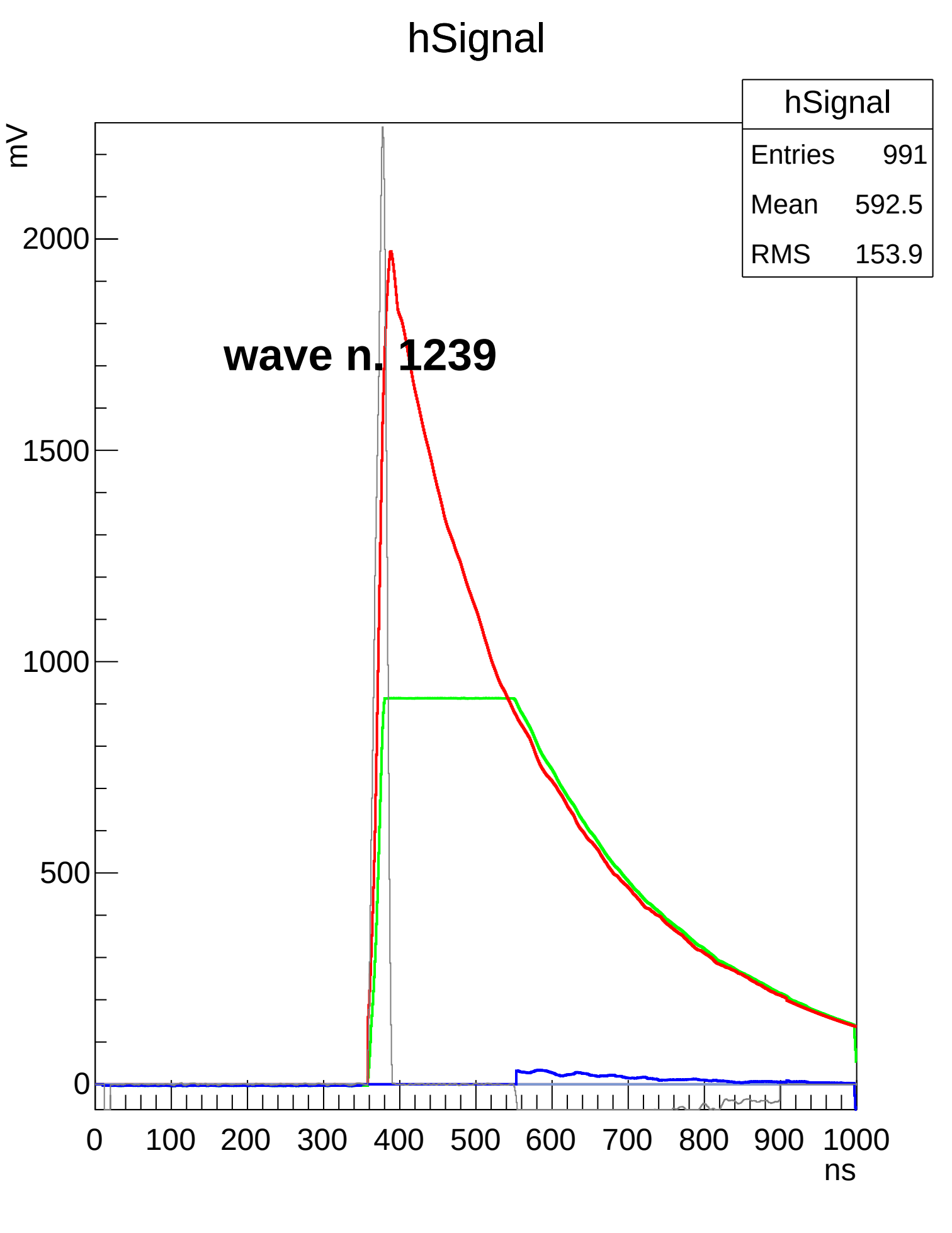
hSignal
hSignal
Entries 991
Mean 592.5
RMS 153.9
wave n. 1239
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1000
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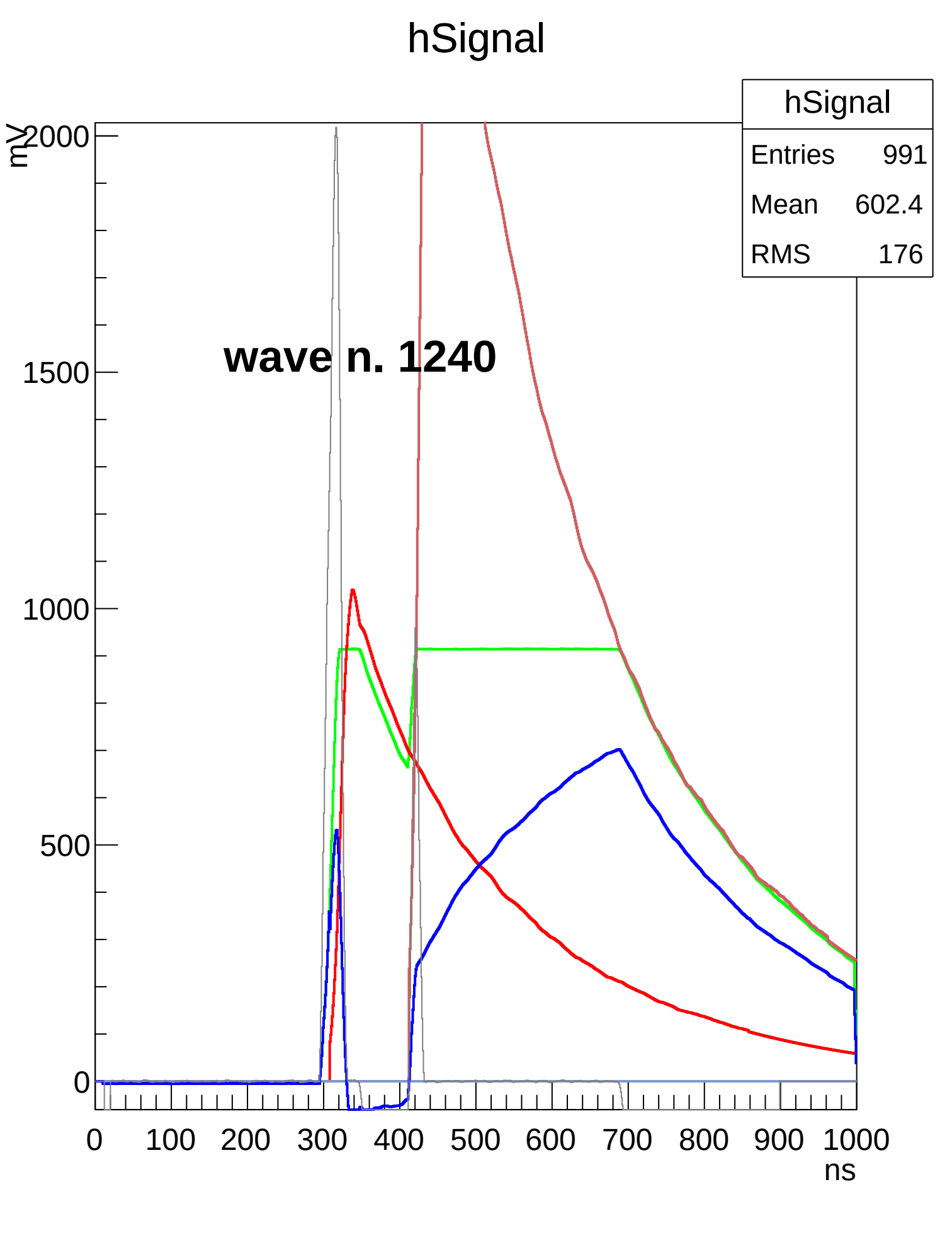
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 602.4
RMS 176
wave n. 1240
mV
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1500
1000
500
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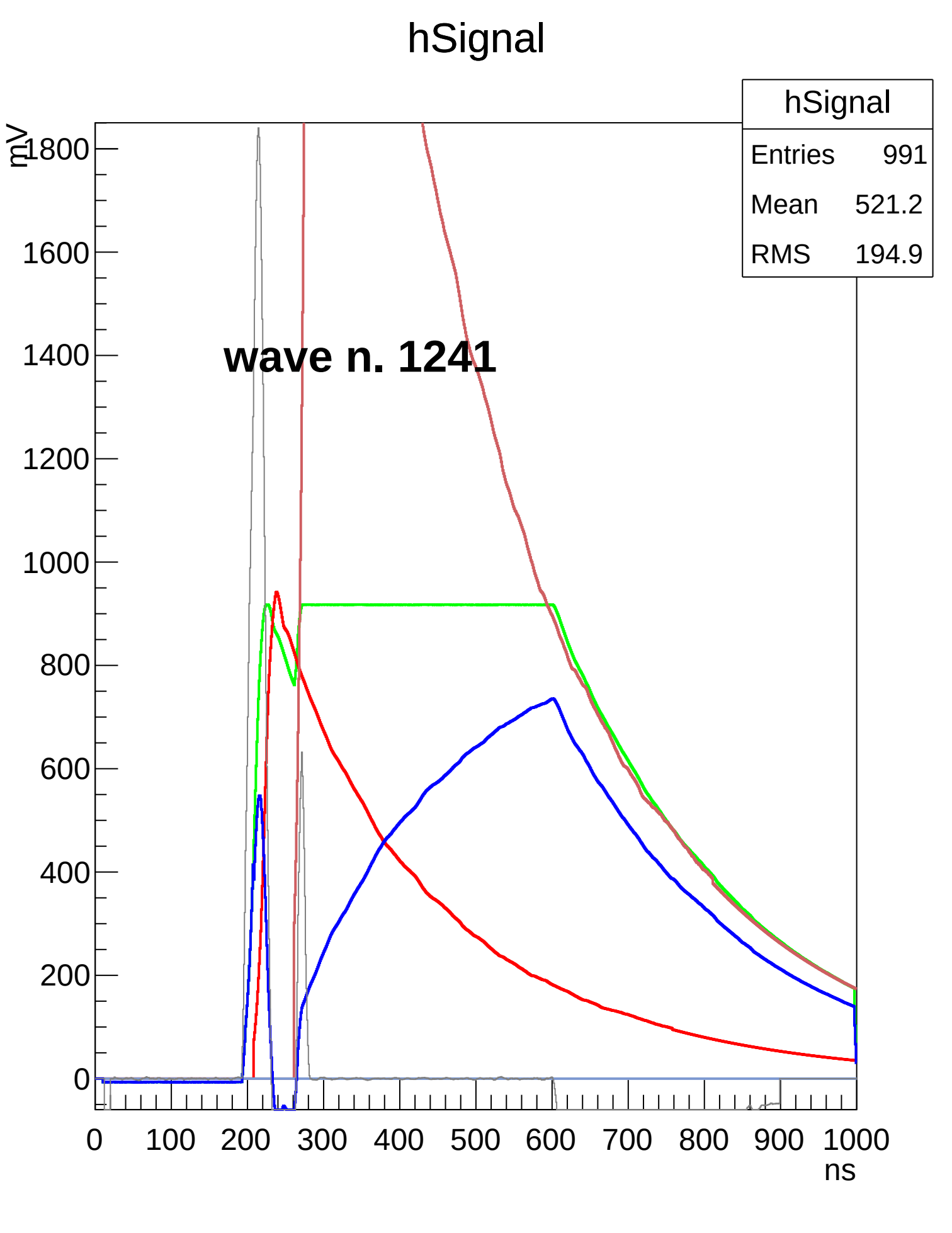
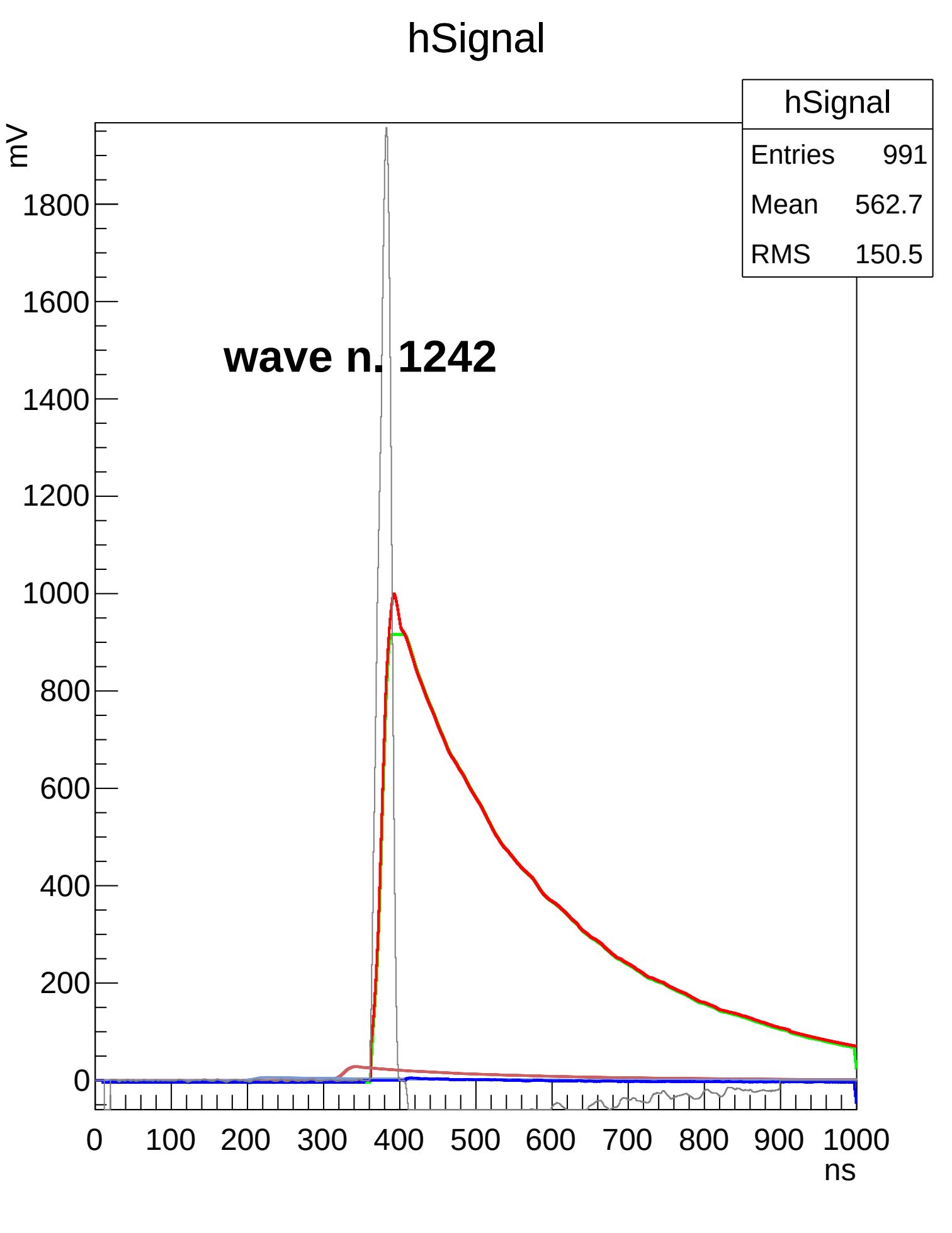
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521.2
RMS 194.9
wave n. 1241
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 562.7
RMS 150.5
wave n. 1242
mV
1800
1600
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1200
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600
400
200
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0
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200
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400
500
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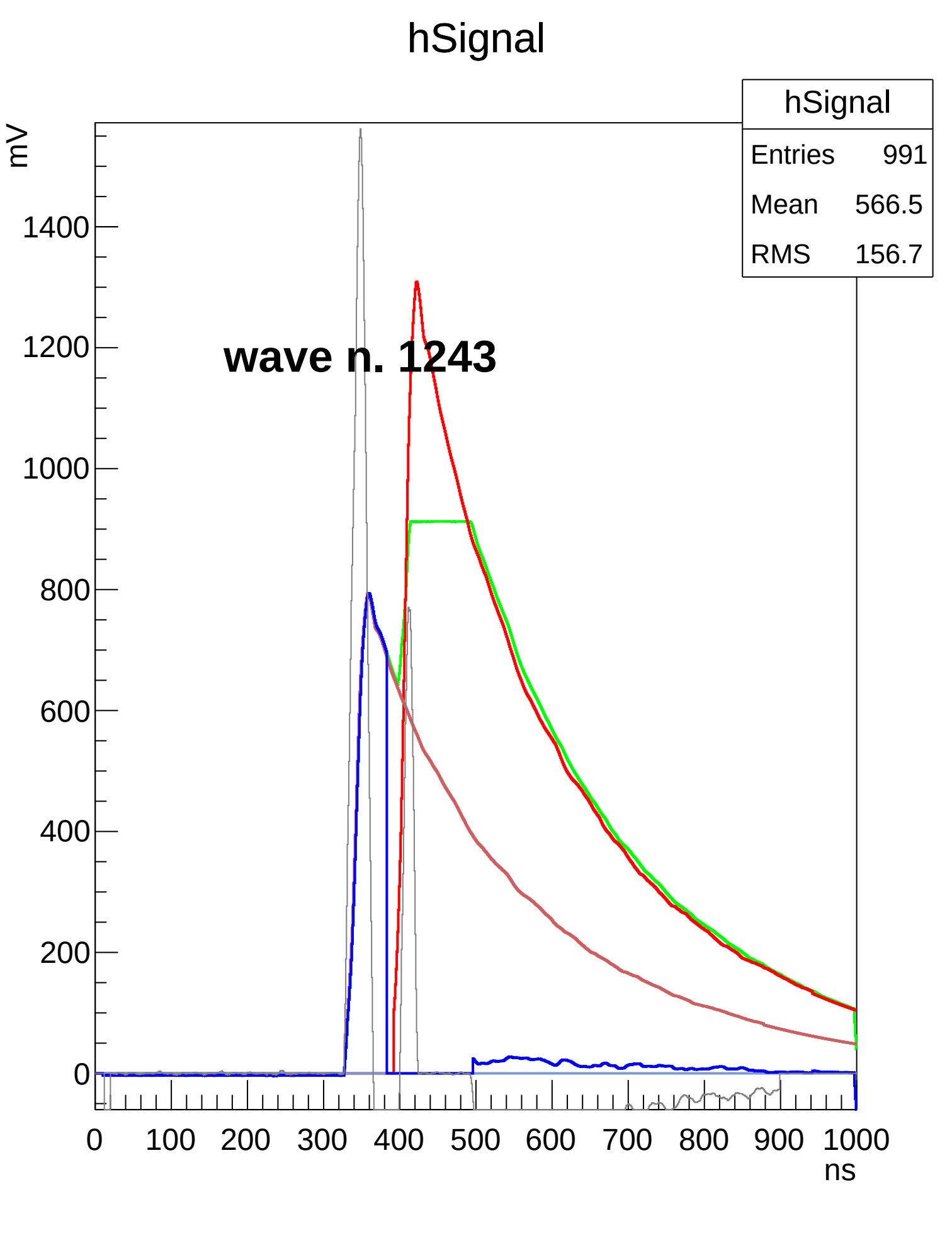
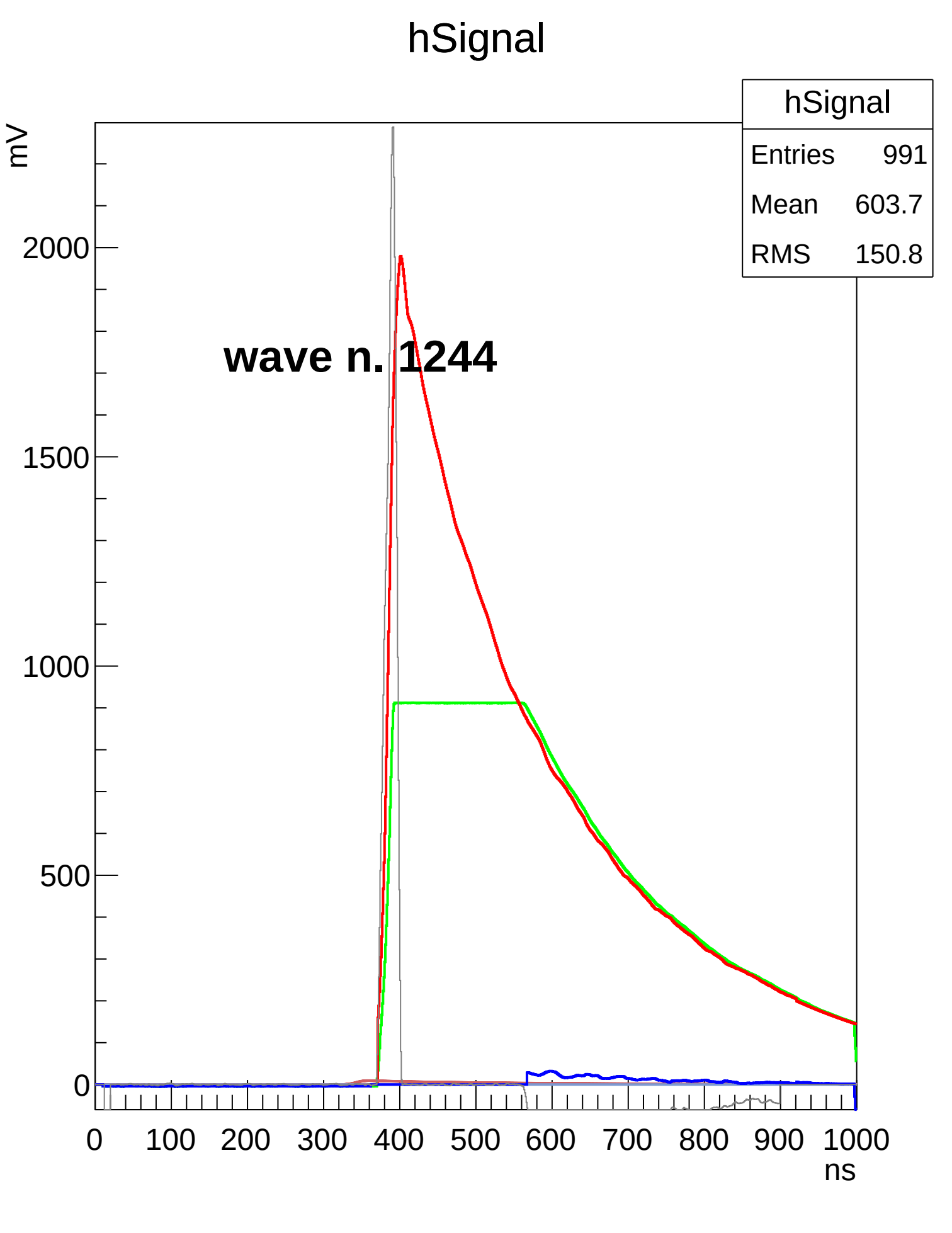
1000
ns


hSignal
hSignal
Entries 991
Mean 566.5
RMS 156.7
wave n. 1243
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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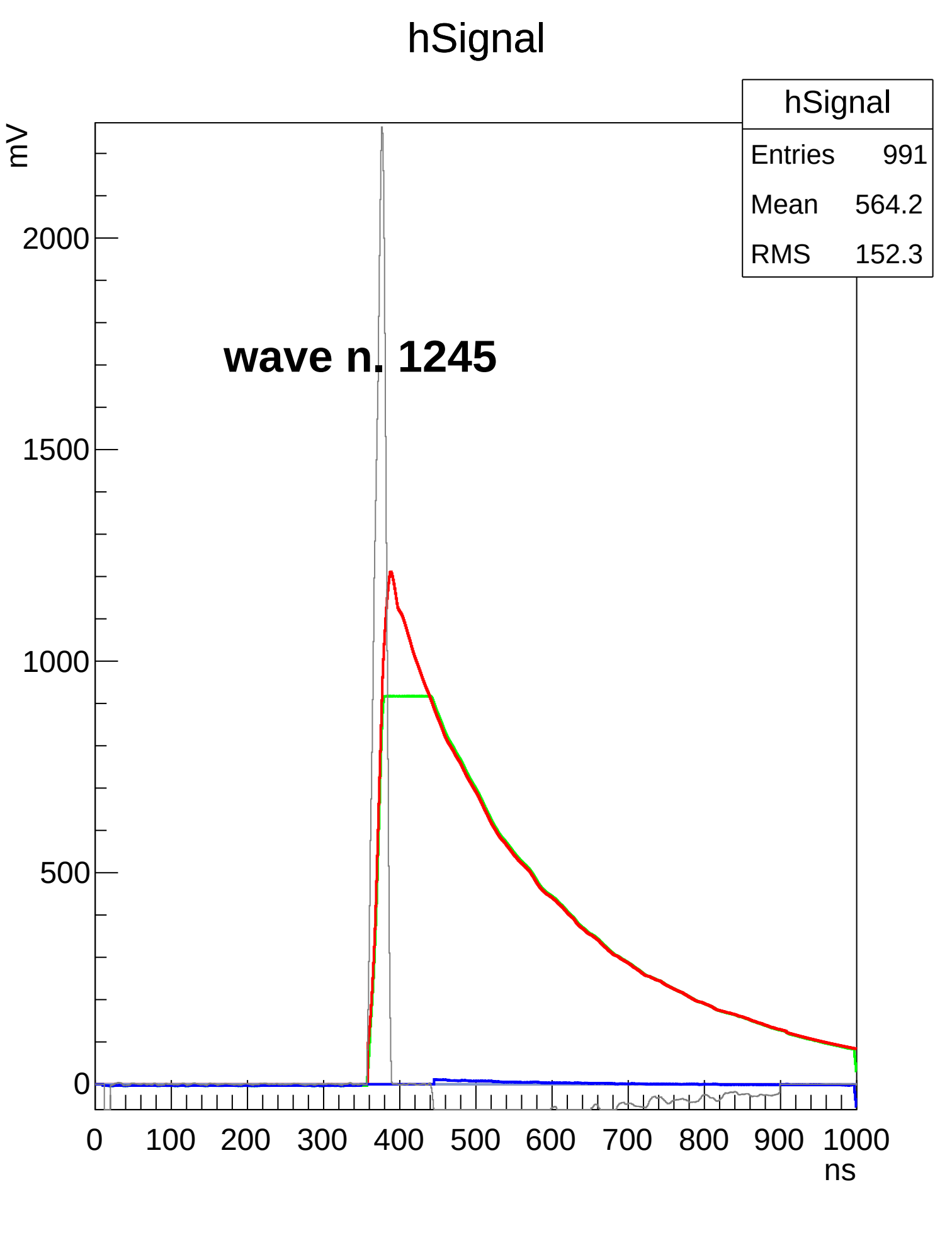
hSignal
Entries 991
Mean 603.7
RMS 150.8
wave n. 1244
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 564.2
RMS 152.3
wave n. 1245
mV
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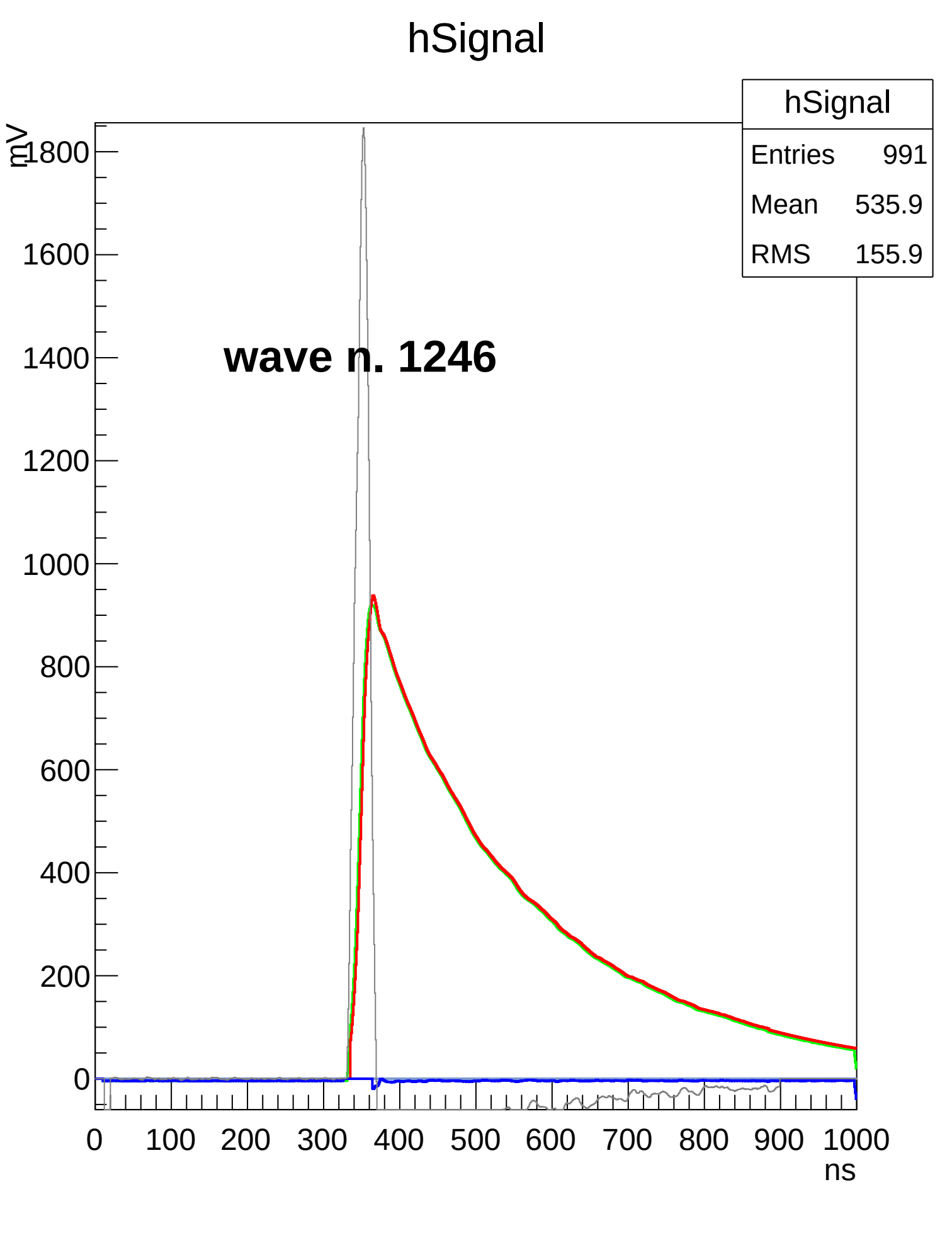
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 535.9
RMS 155.9
wave n. 1246
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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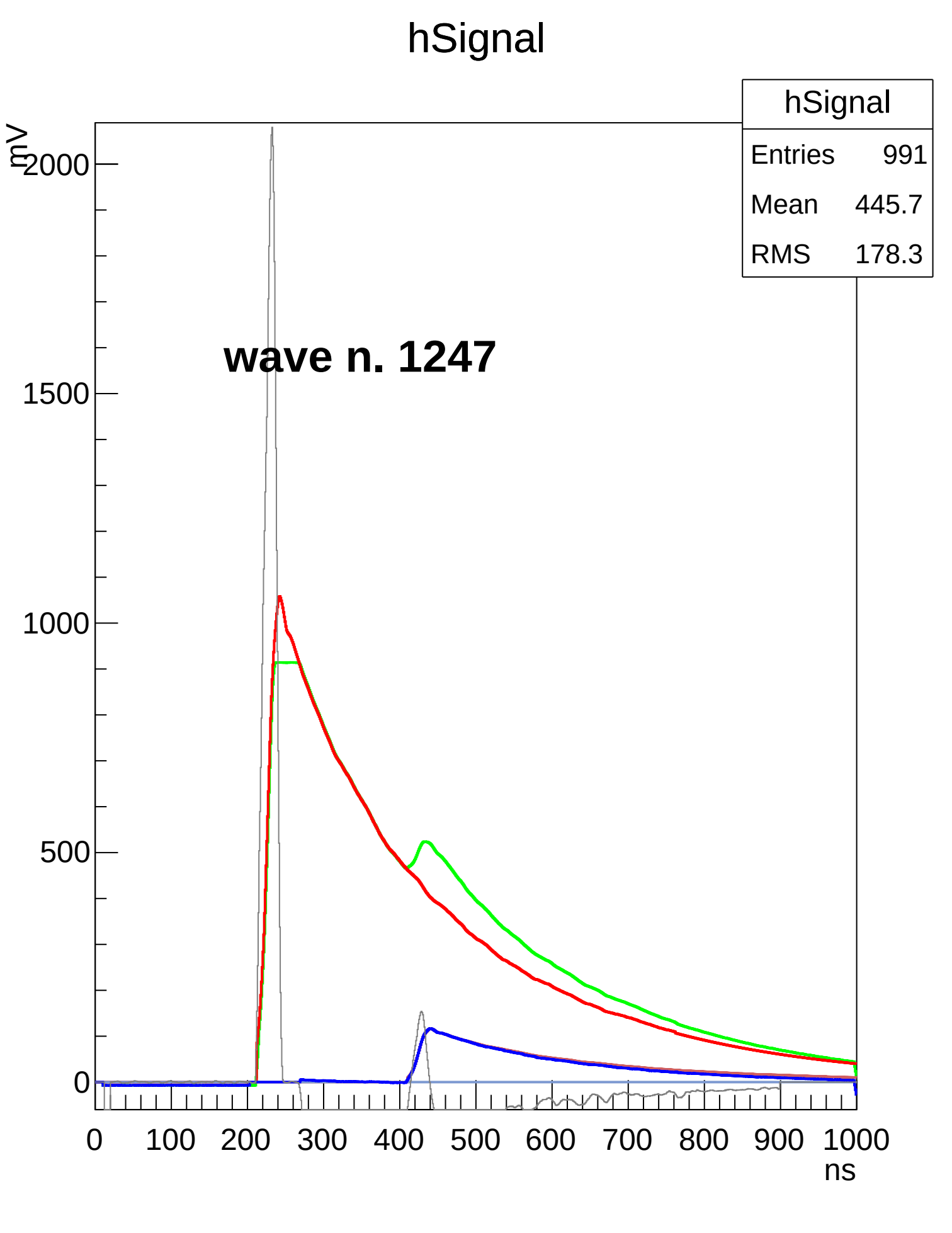
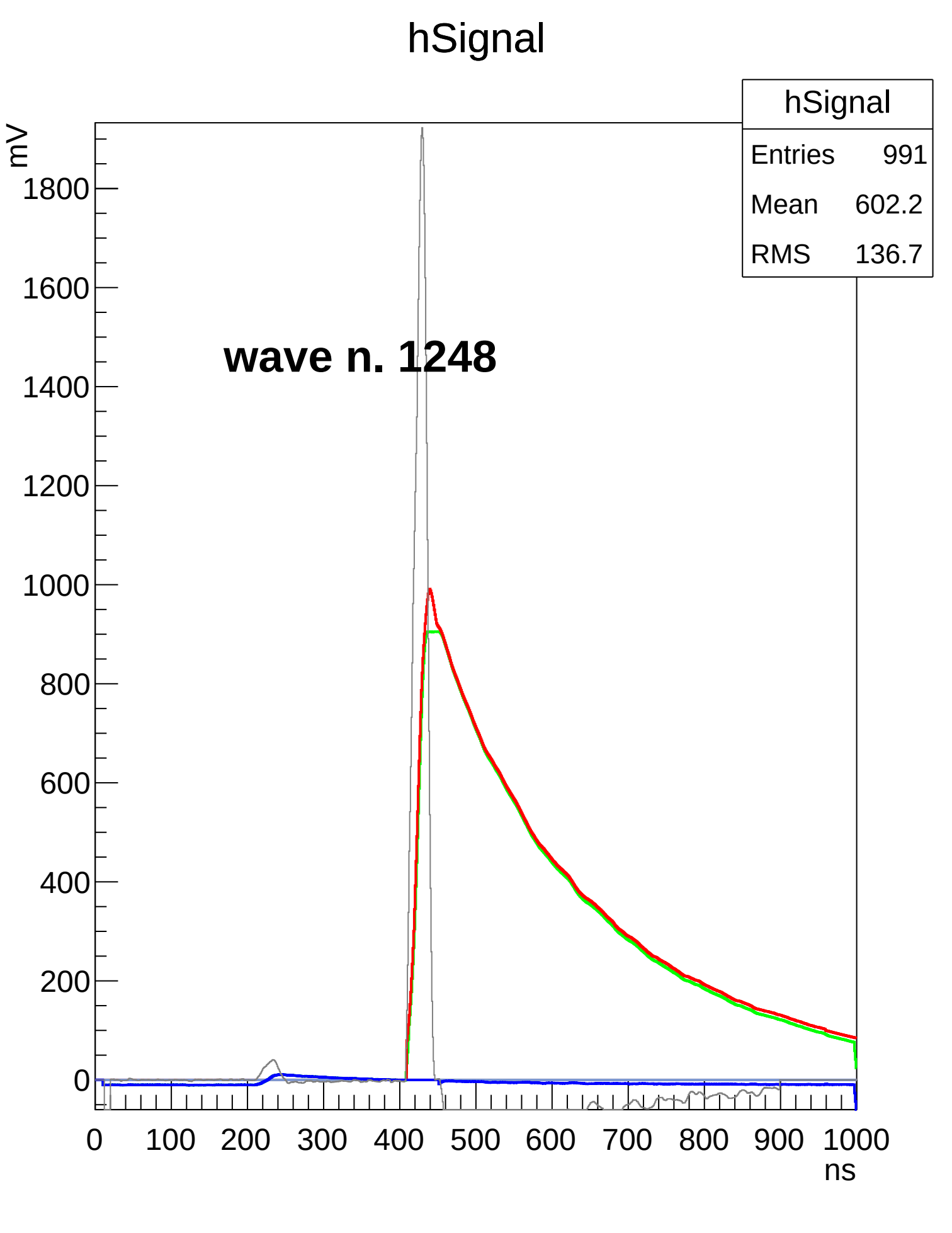
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 445.7
RMS 178.3
wave n. 1247
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 602.2
RMS 136.7
wave n. 1248
mV
1800
1600
1400
1200
1000
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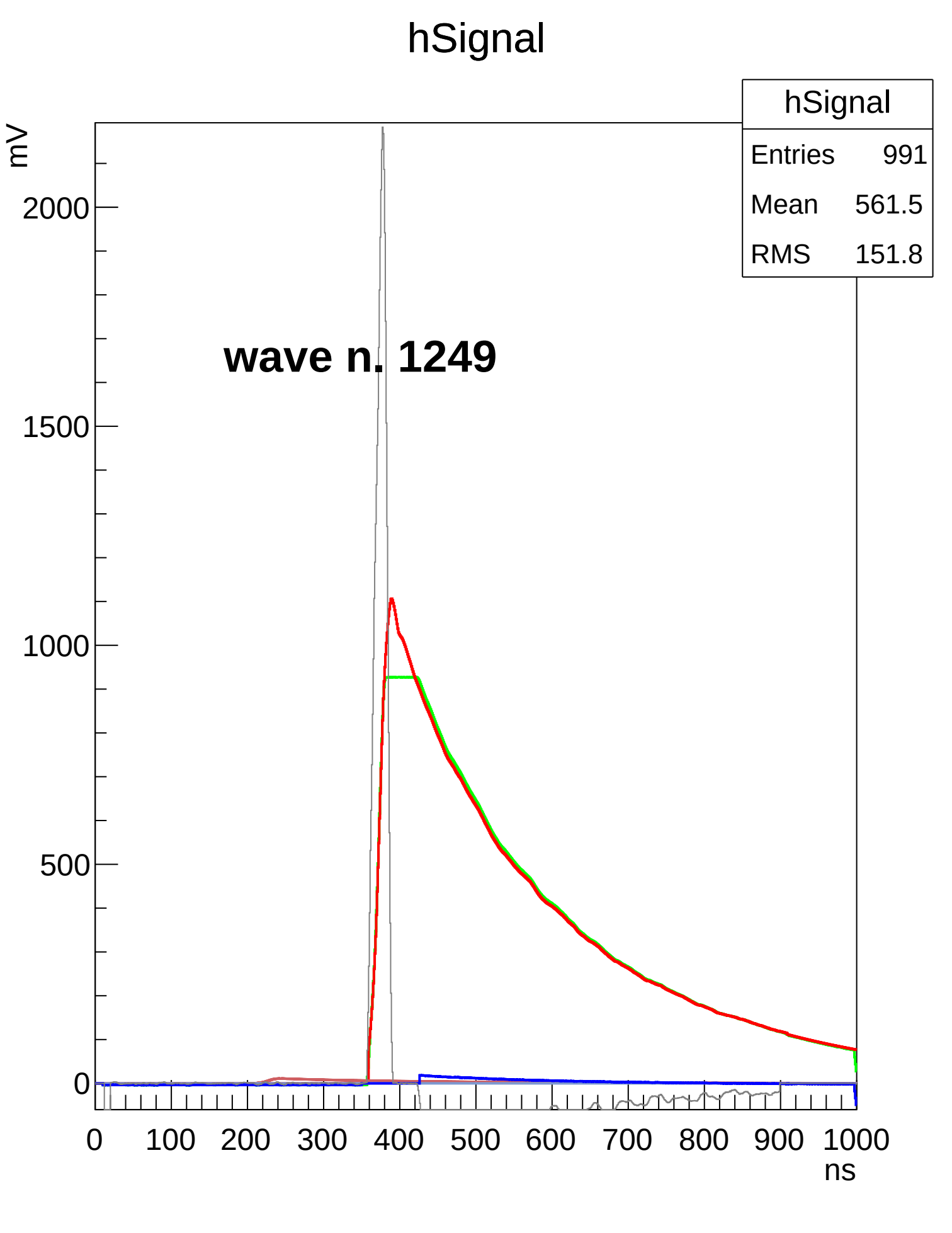
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.5
RMS 151.8
wave n. 1249
mV
2000
1500
1000
500
0
0
100
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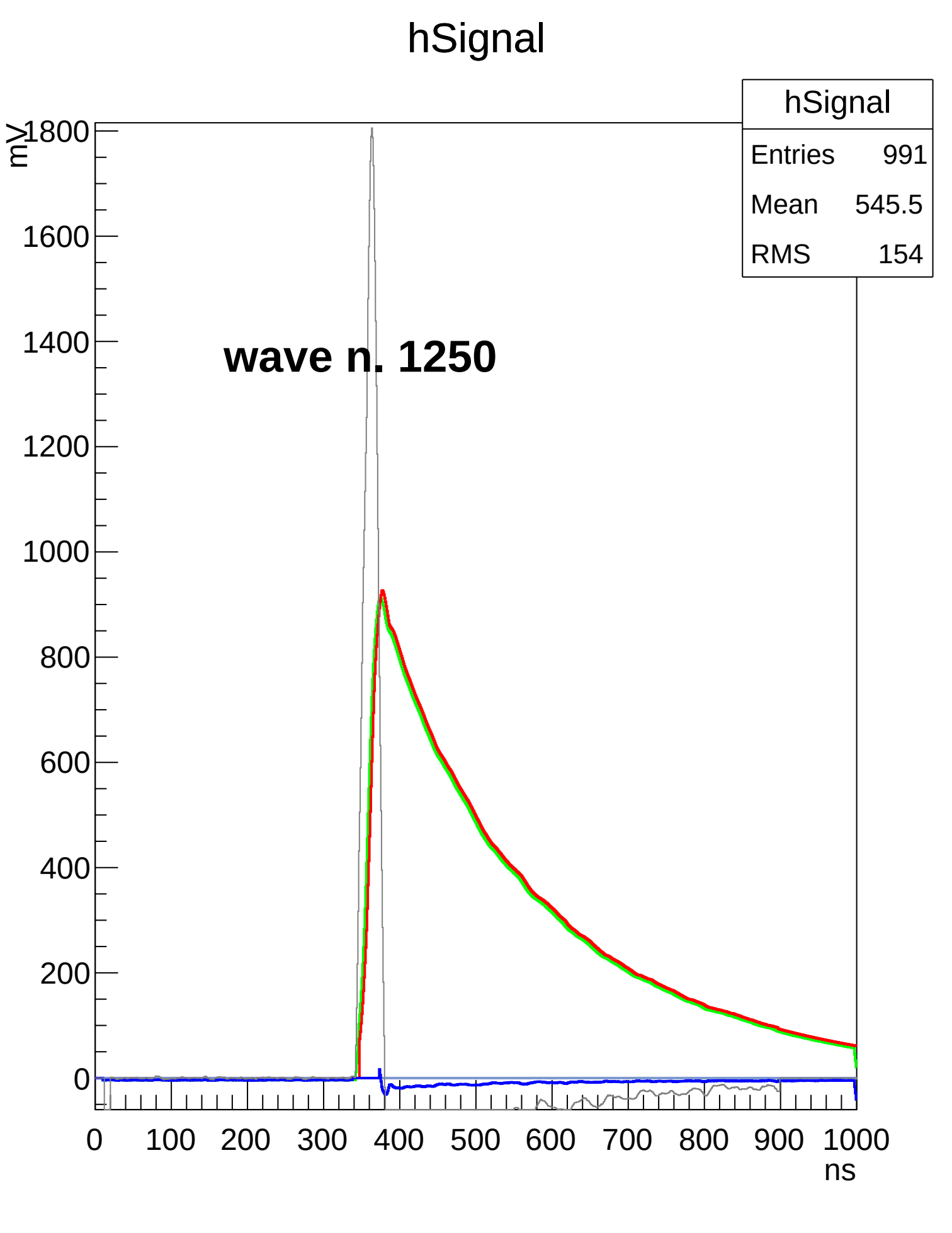
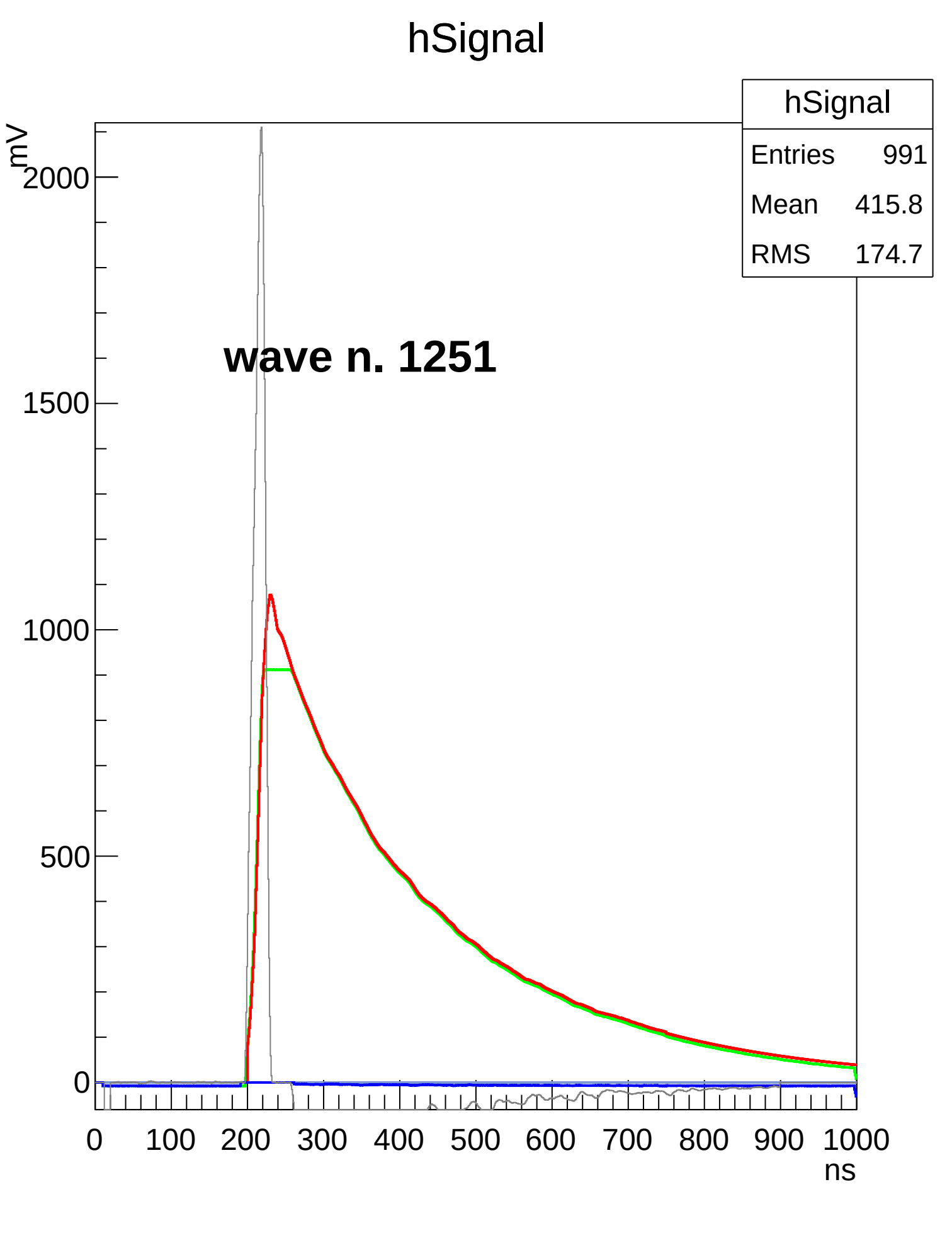
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 545.5
RMS 154
wave n. 1250
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 415.8
RMS 174.7
wave n. 1251
mV
2000
1500
1000
500
0
0
100
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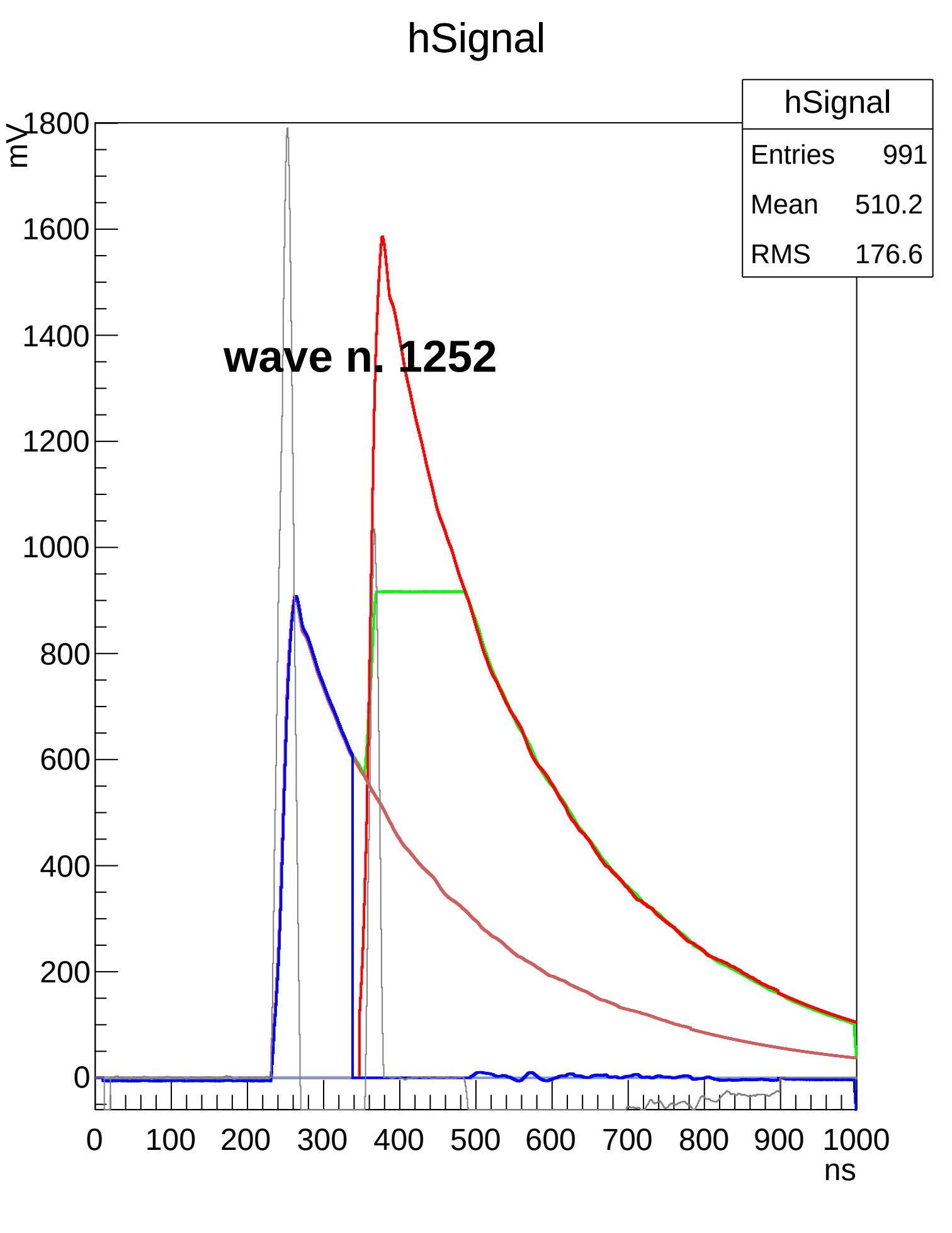
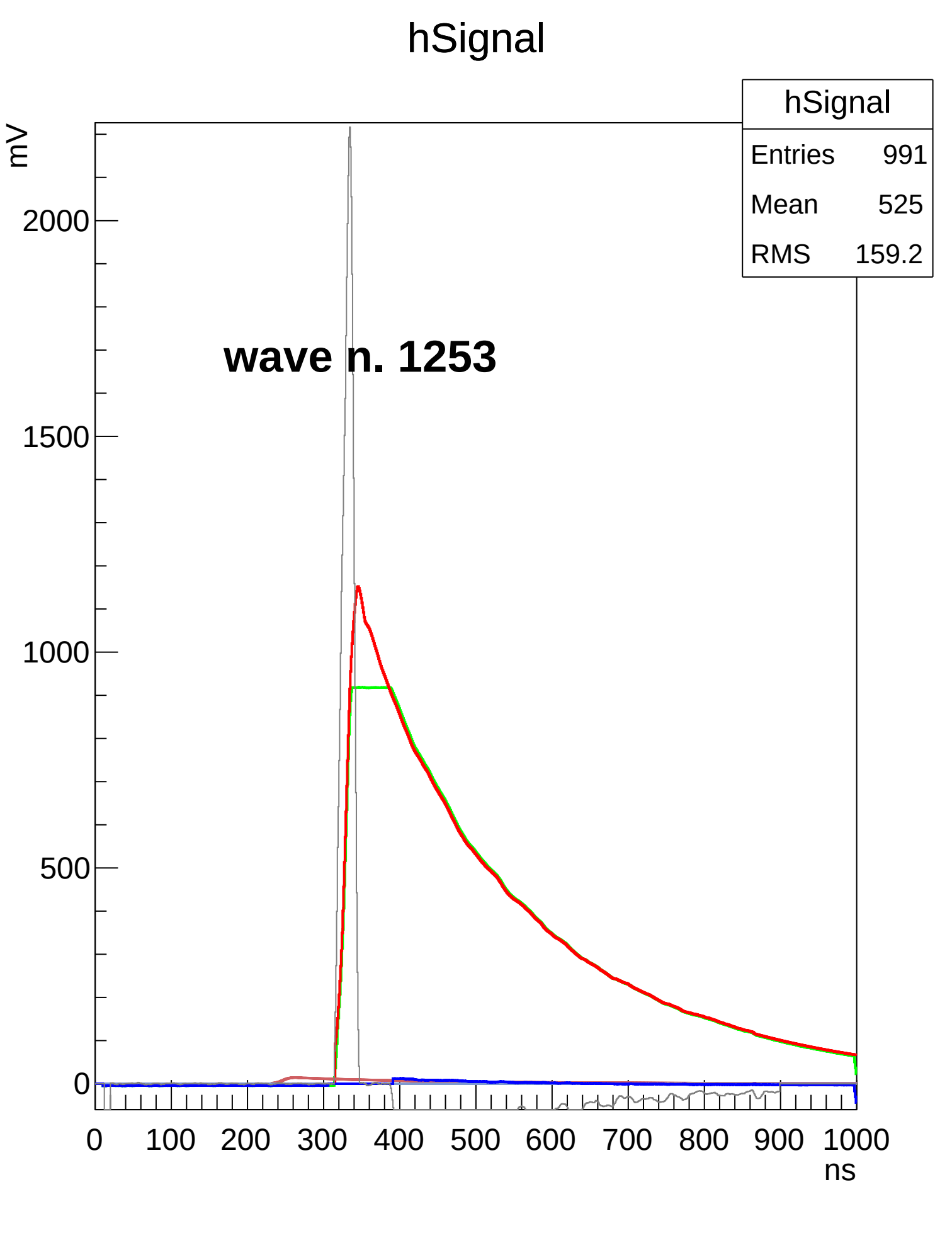
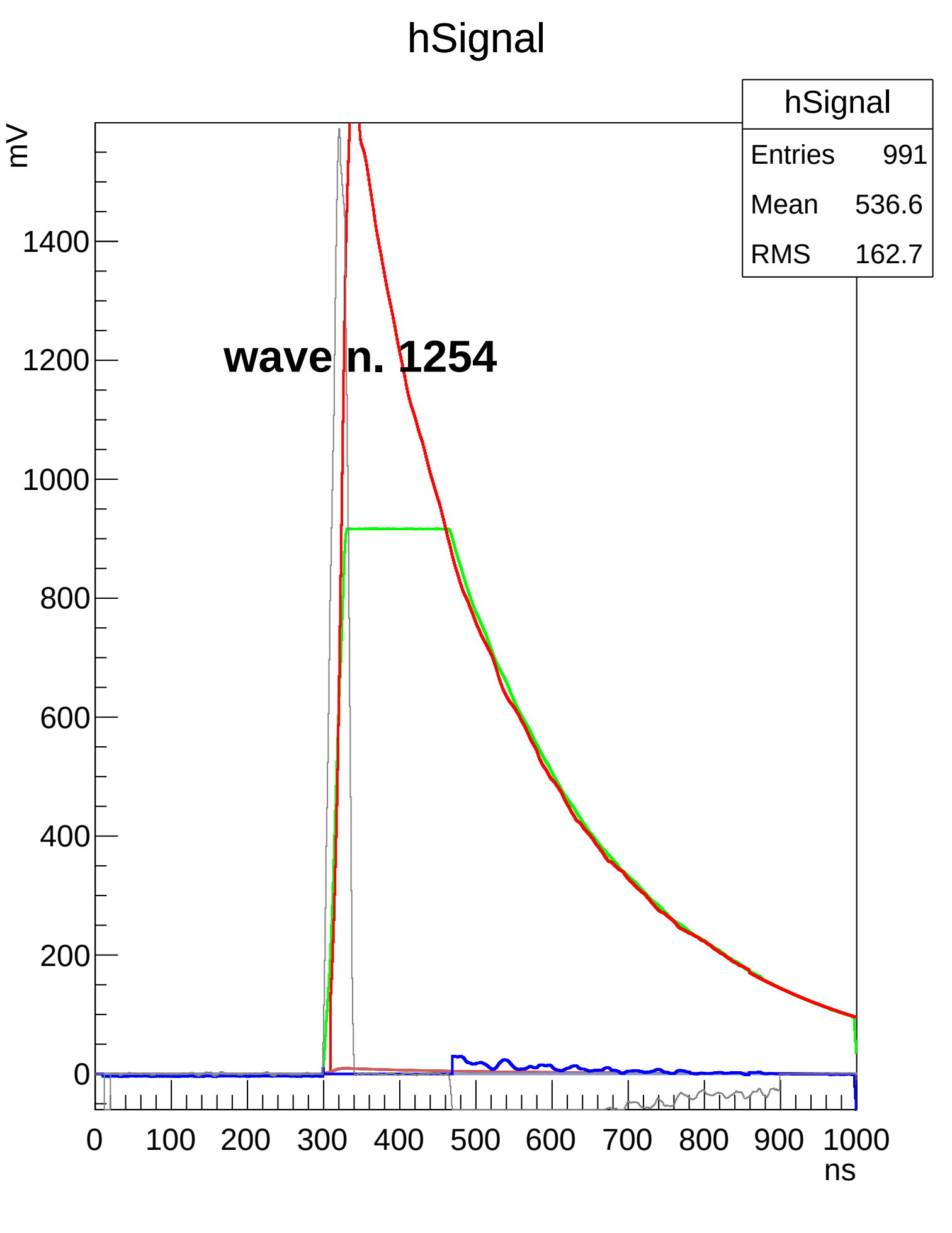
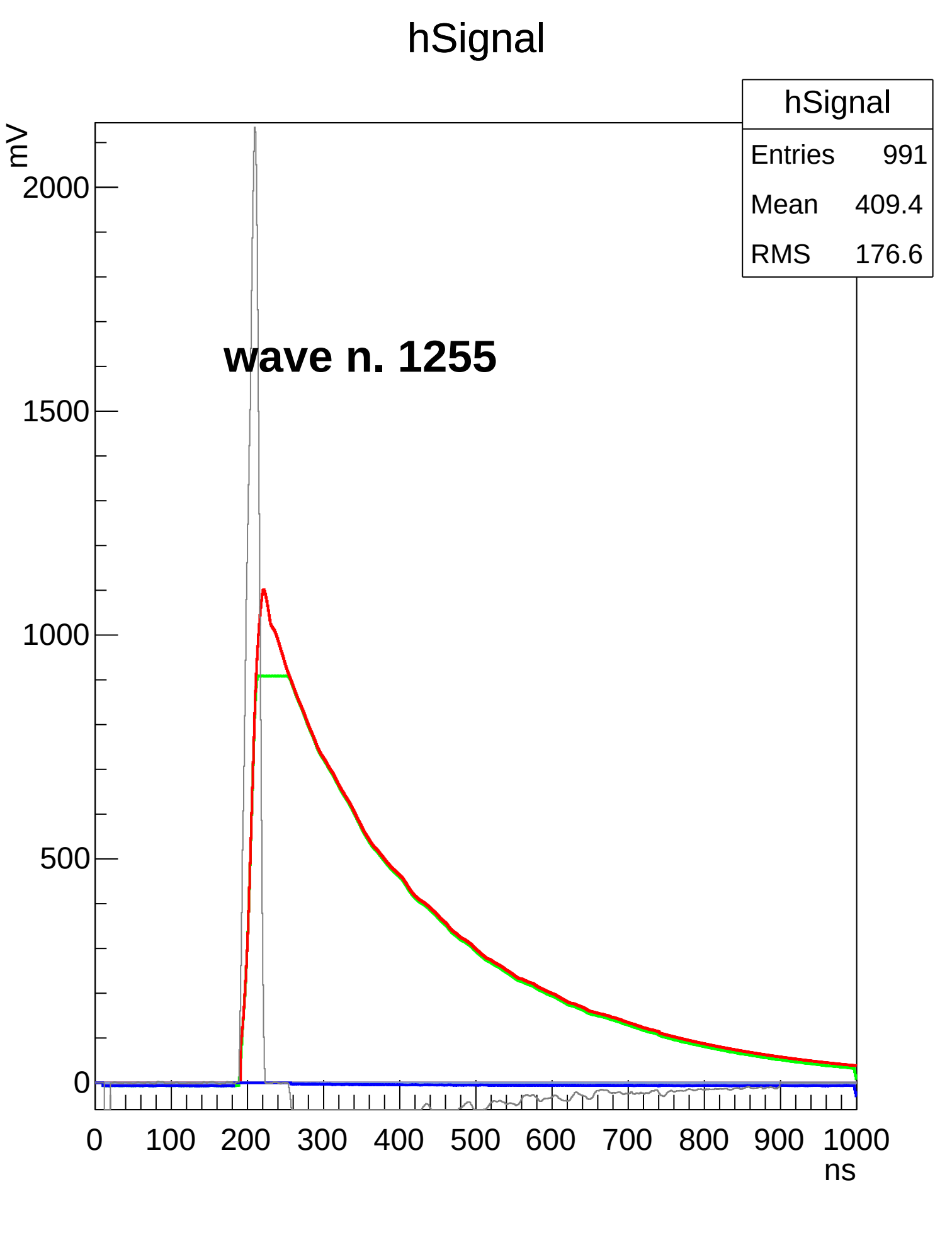
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.2
RMS 176.6
wave n. 1252
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 525
RMS 159.2
wave n. 1253
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 536.6
RMS 162.7
wave n. 1254
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 409.4
RMS 176.6
wave n. 1255
mV
2000
1500
1000
500
0
0
100
200
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400
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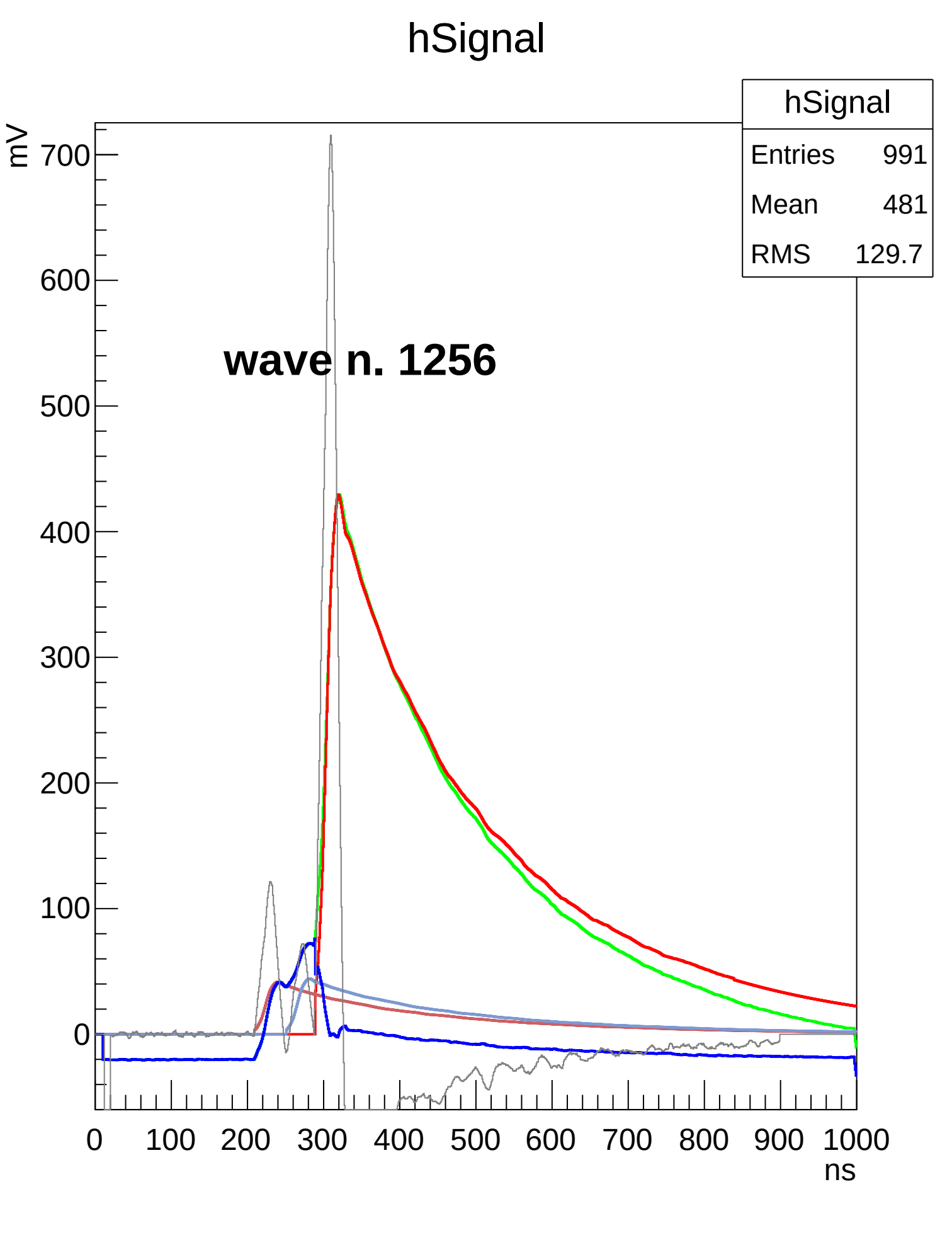
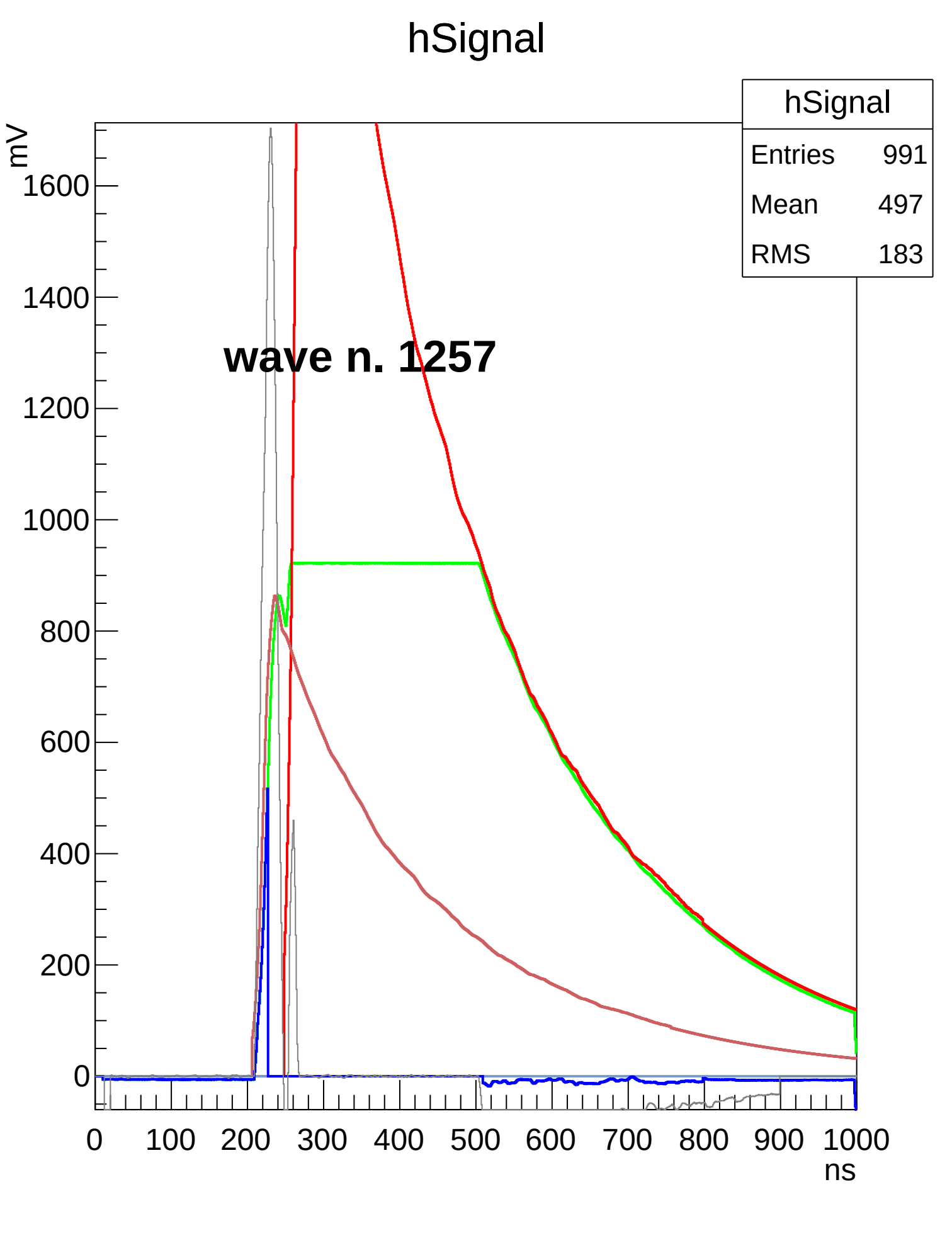
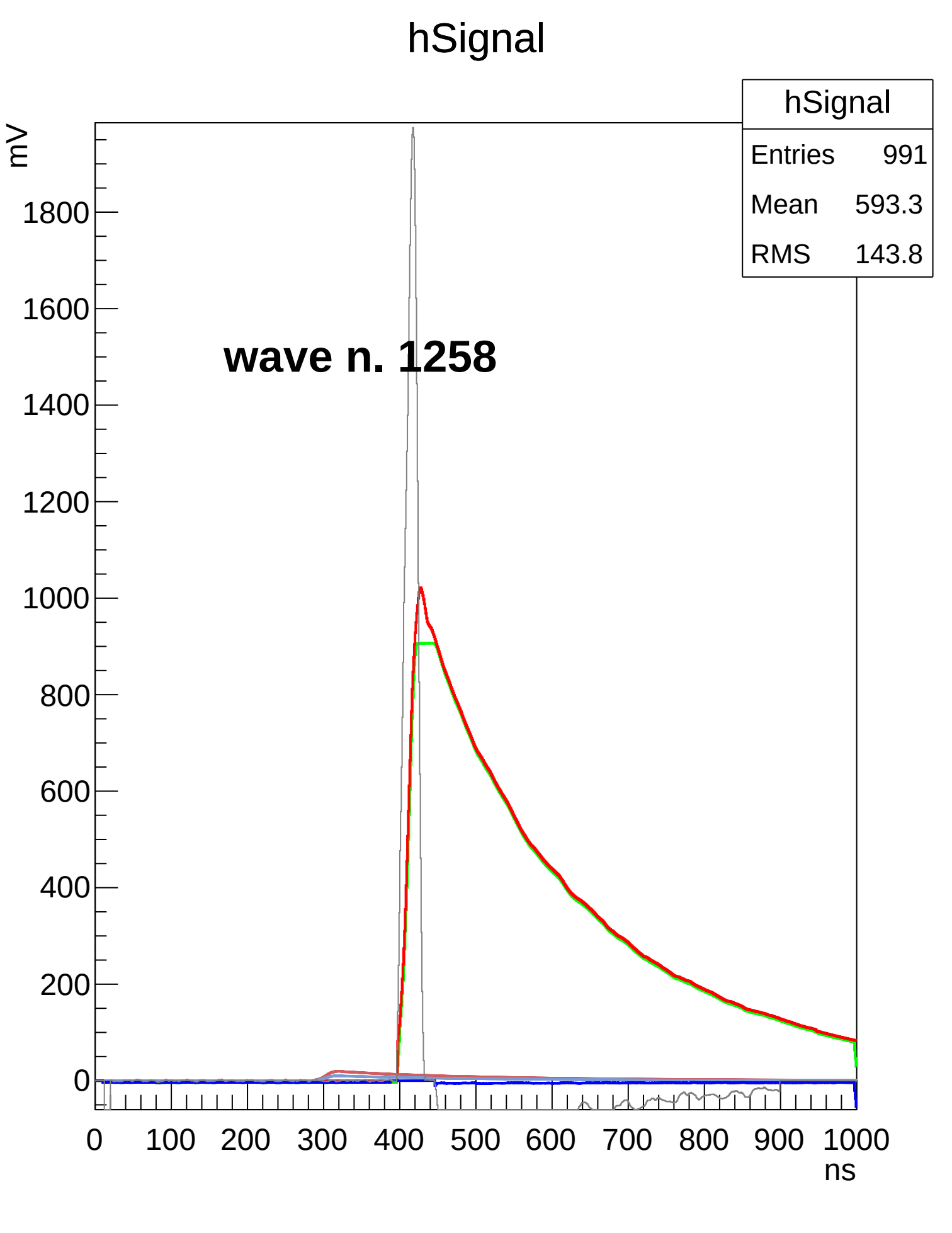
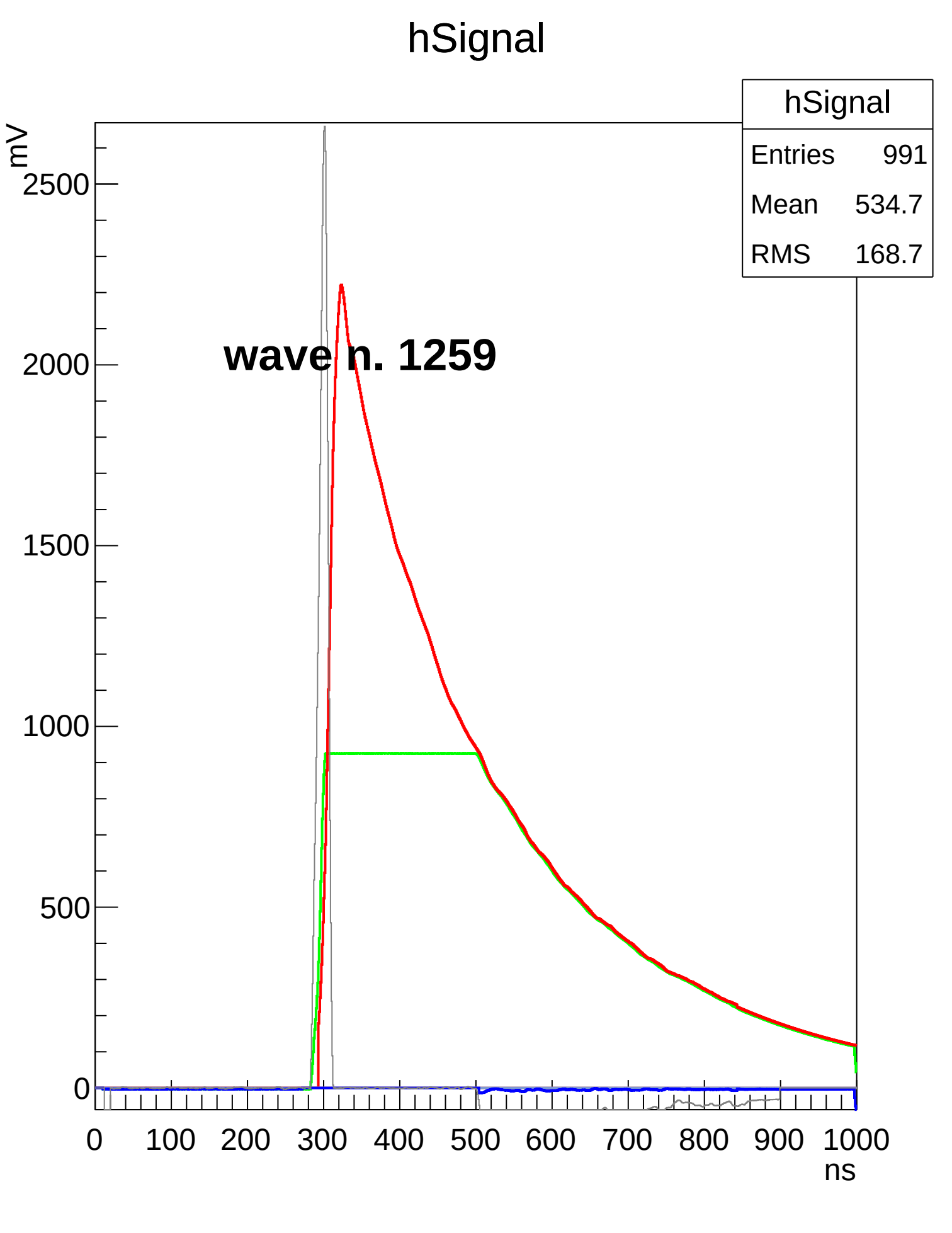
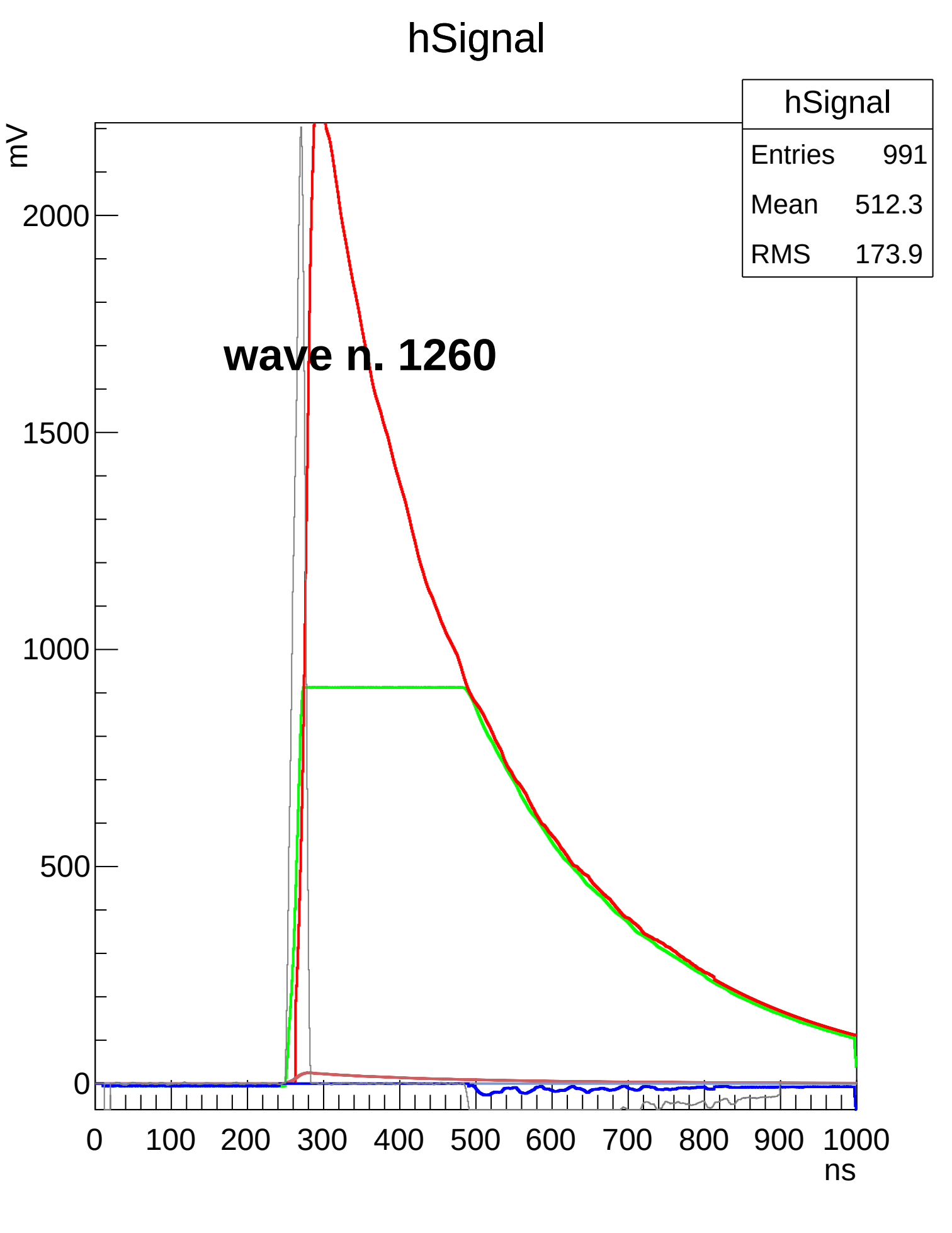
600
700
800
900
1000
ns

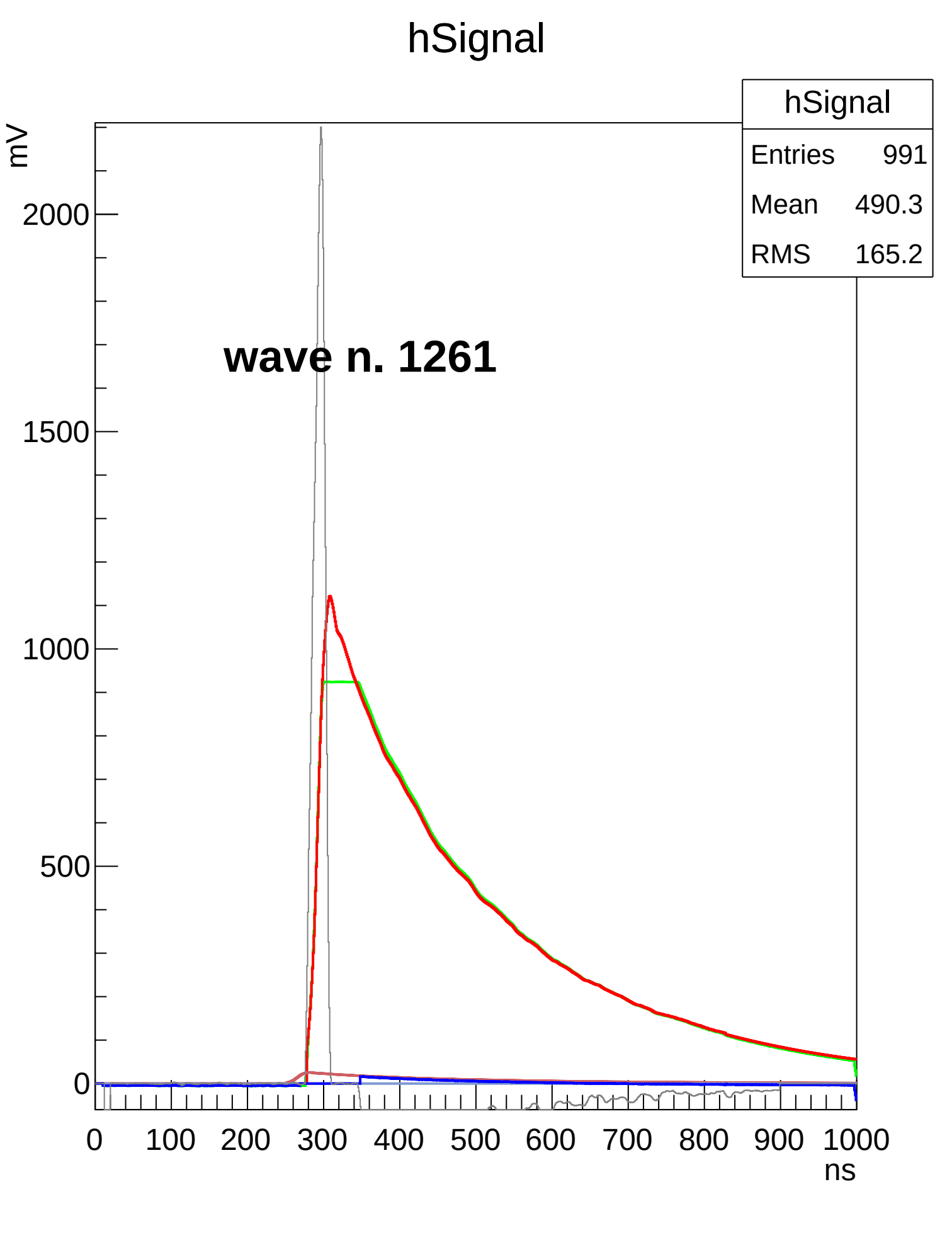

hSignal
hSignal
Entries 991
Mean 481
RMS 129.7
wave n. 1256
mV
700
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 497
RMS 183
wave n. 1257
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 593.3
RMS 143.8
wave n. 1258
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.7
RMS 168.7
wave n. 1259
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 512.3
RMS 173.9
wave n. 1260
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 490.3
RMS 165.2
wave n. 1261
mV
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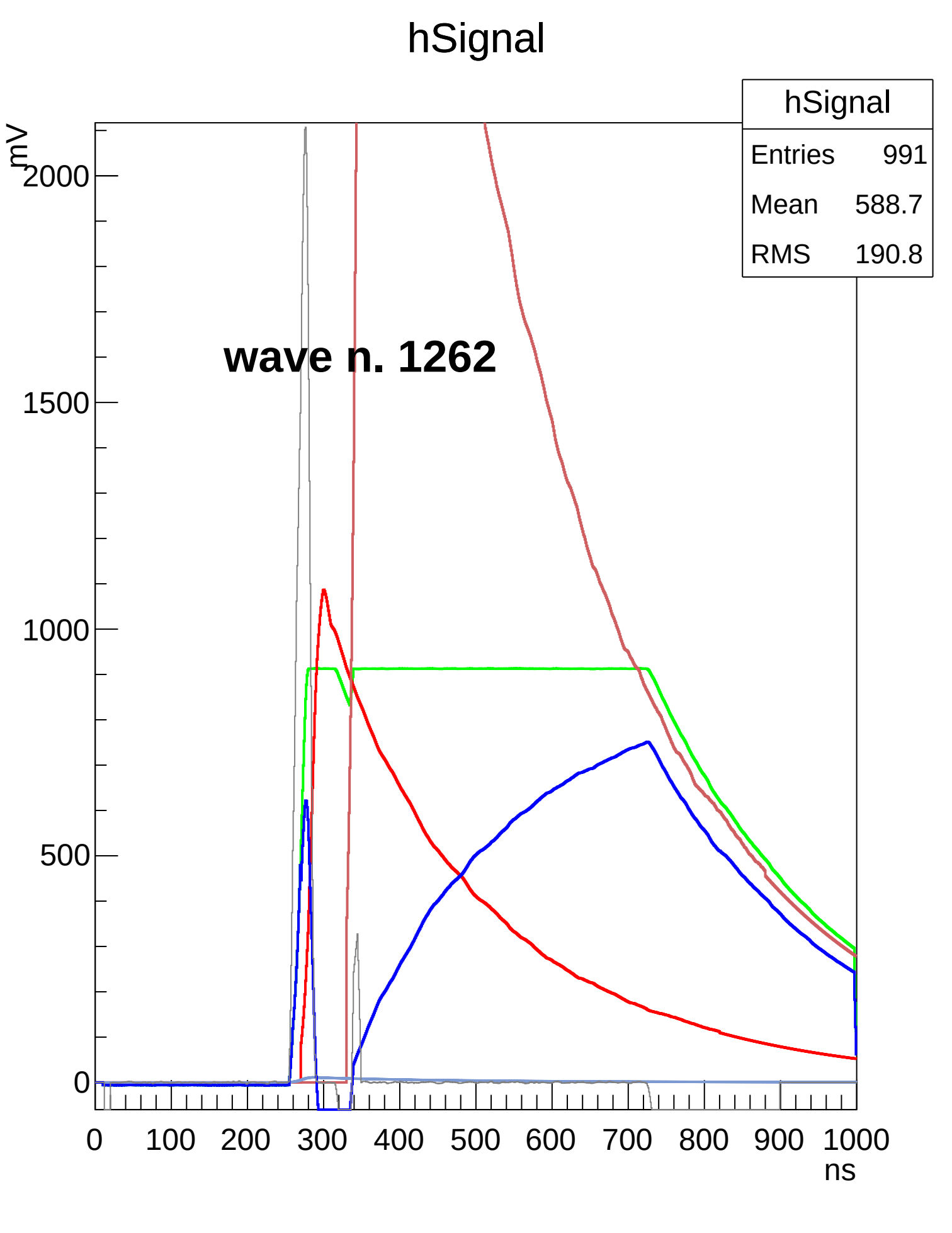
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 588.7
RMS 190.8
wave n. 1262
mV
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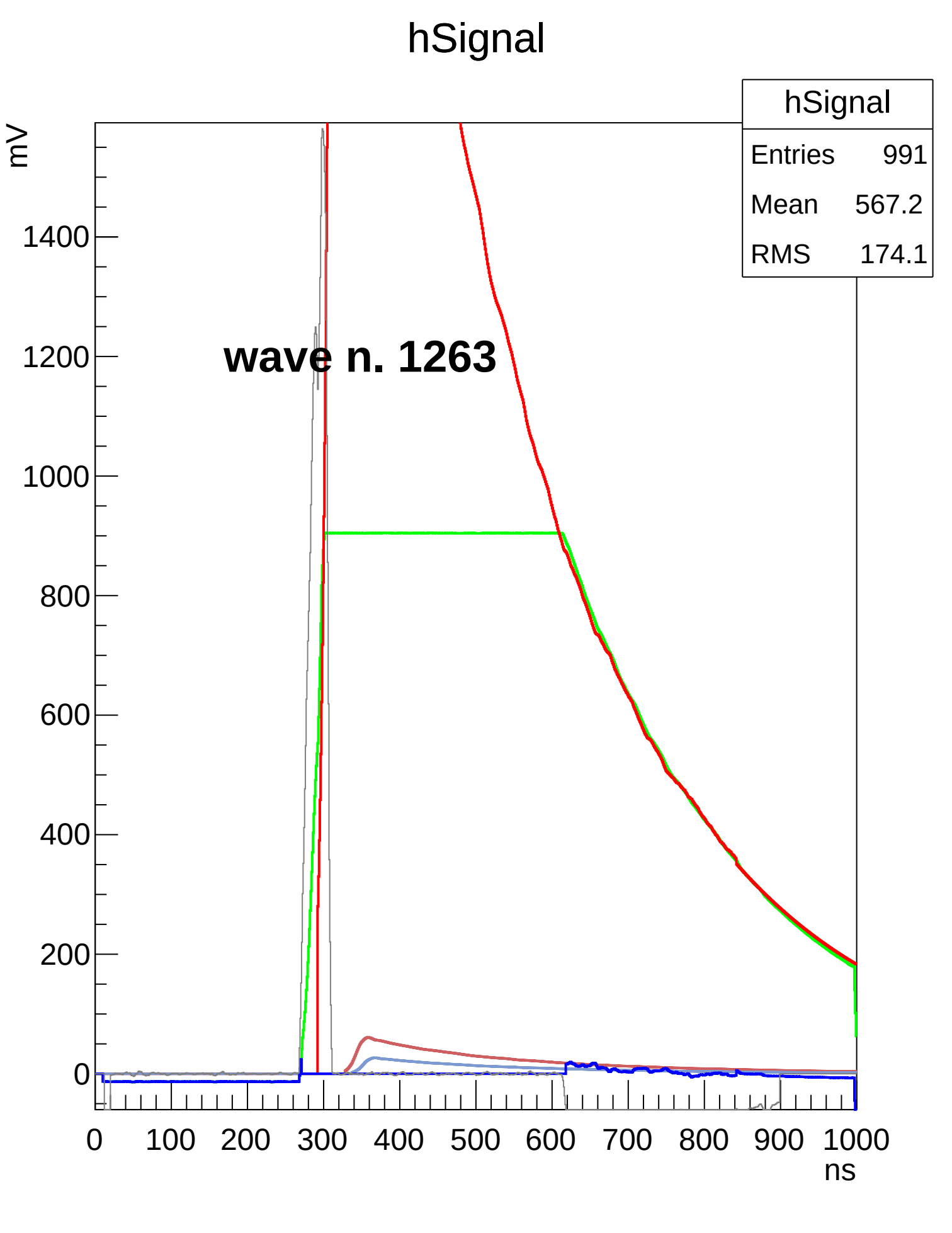
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 567.2
RMS 174.1
wave n. 1263
mV
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1200
1000
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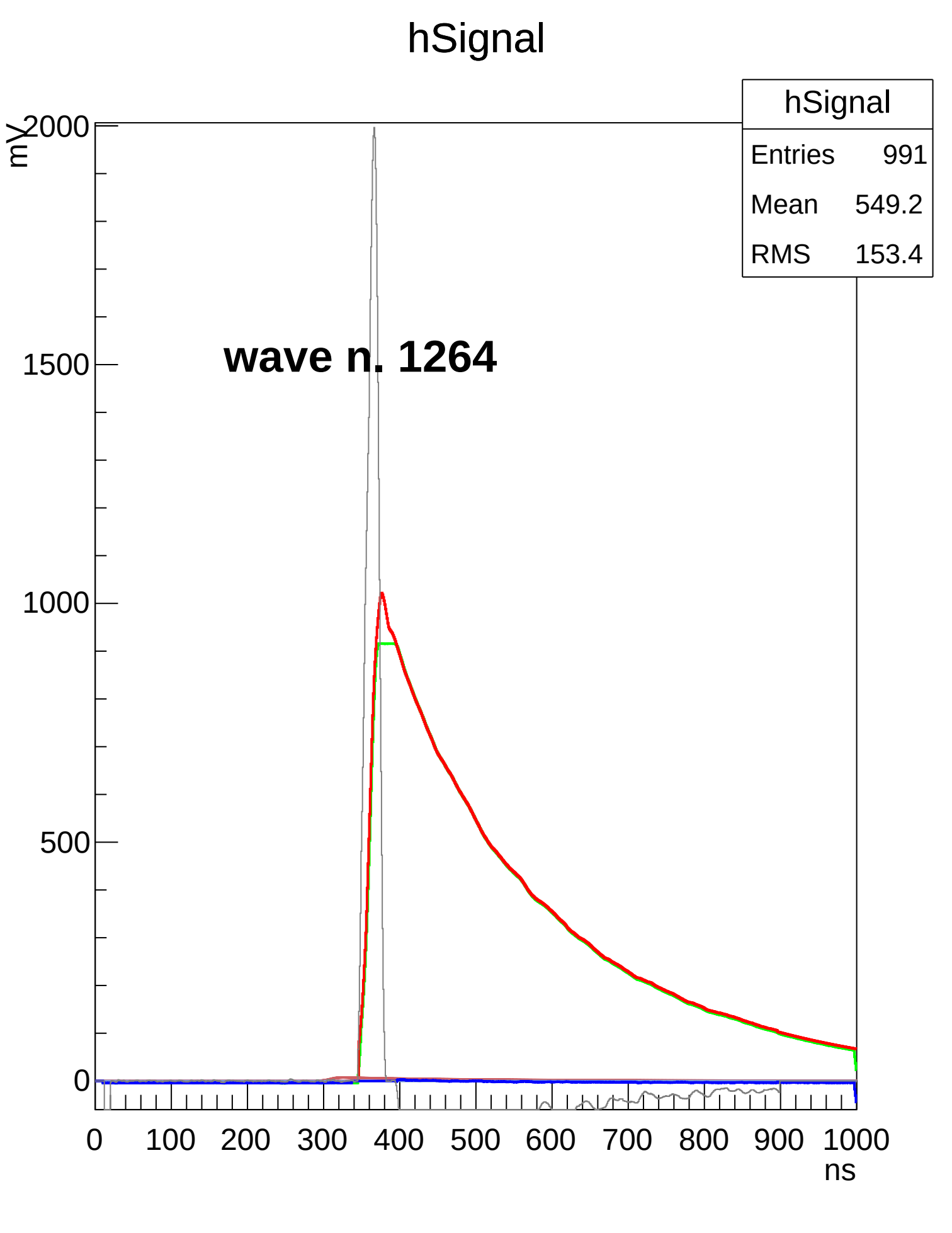
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.2
RMS 153.4
wave n. 1264
mV
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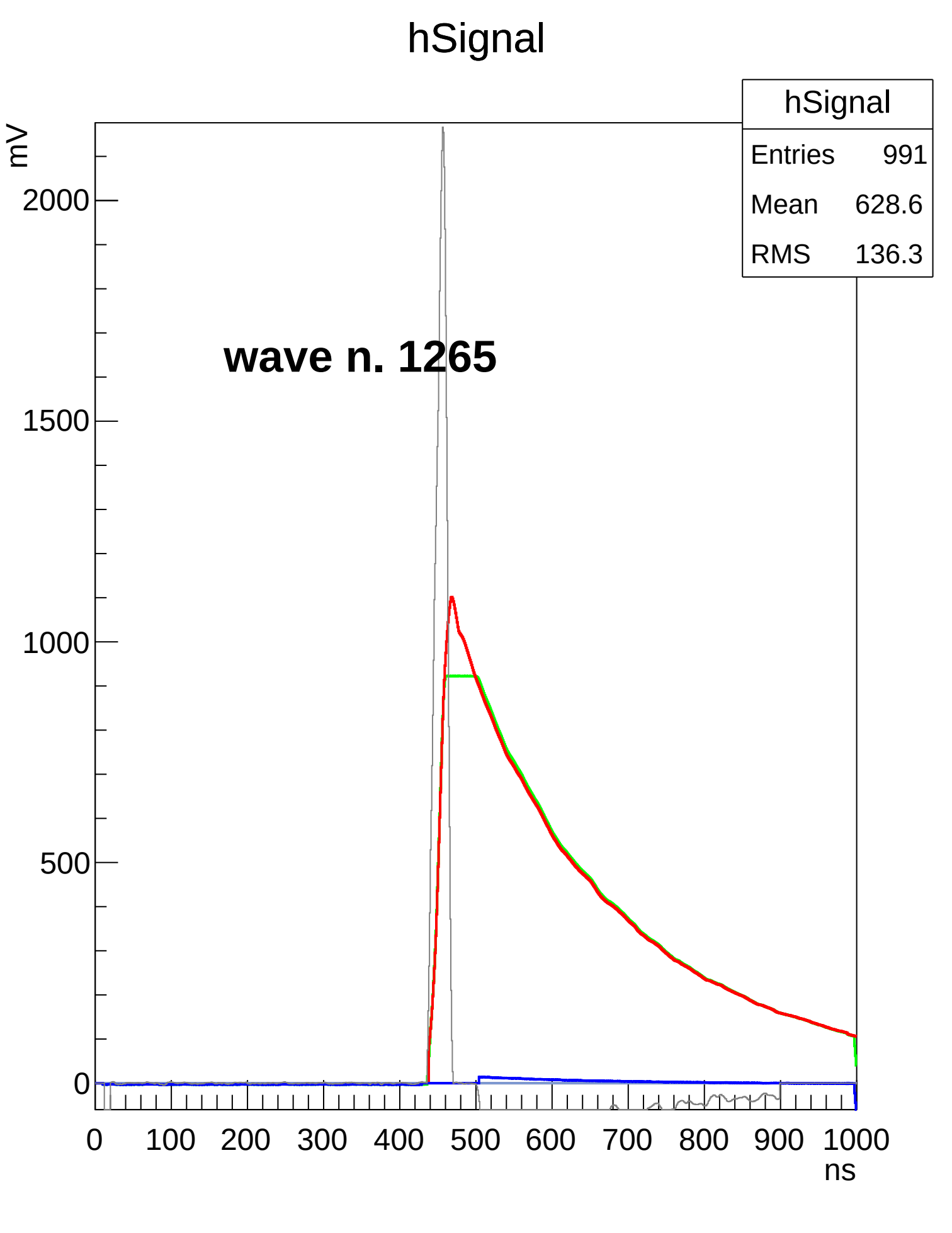
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 628.6
RMS 136.3
wave n. 1265
mV
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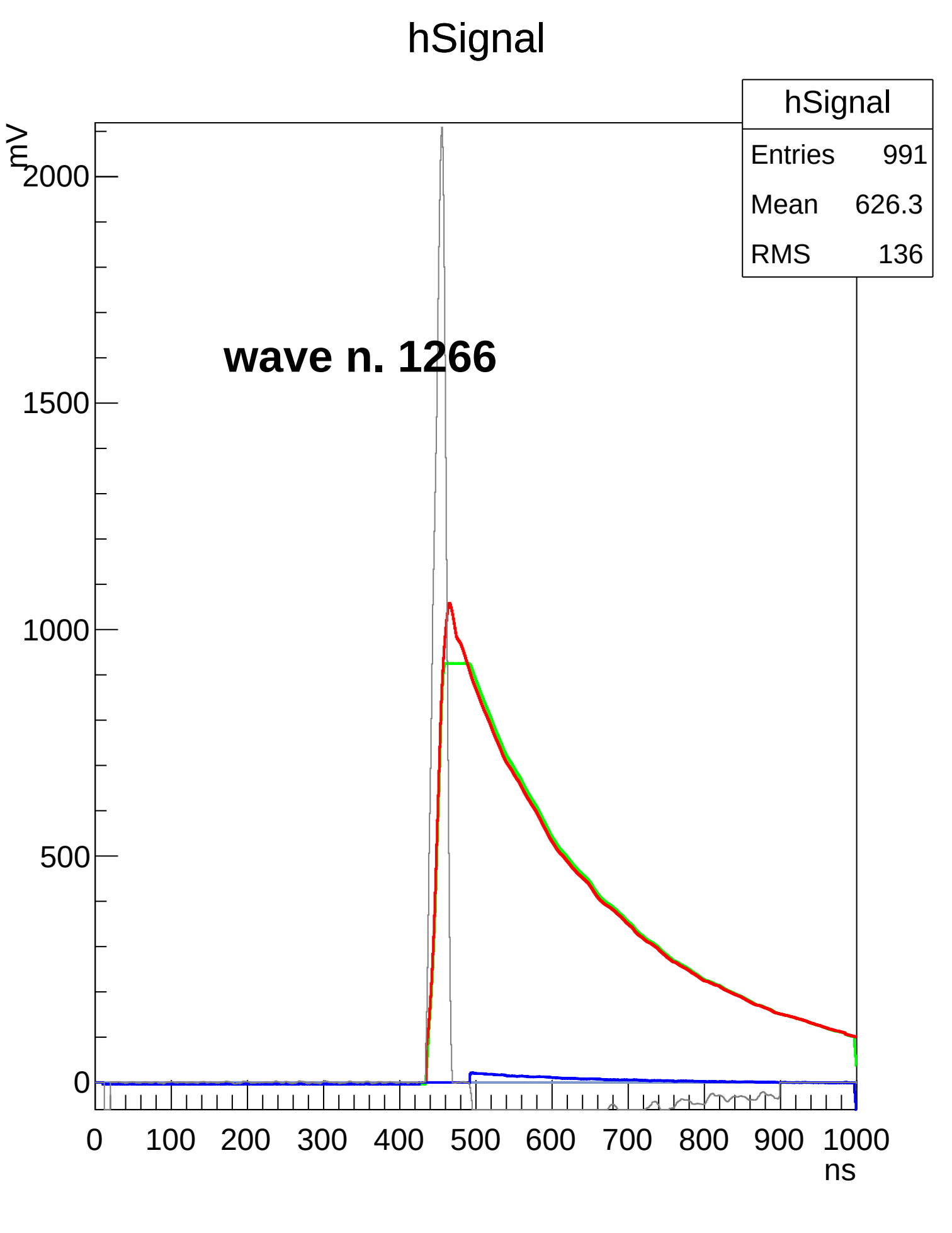
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 626.3
RMS 136
wave n. 1266
mV
2000
1500
1000
500
0
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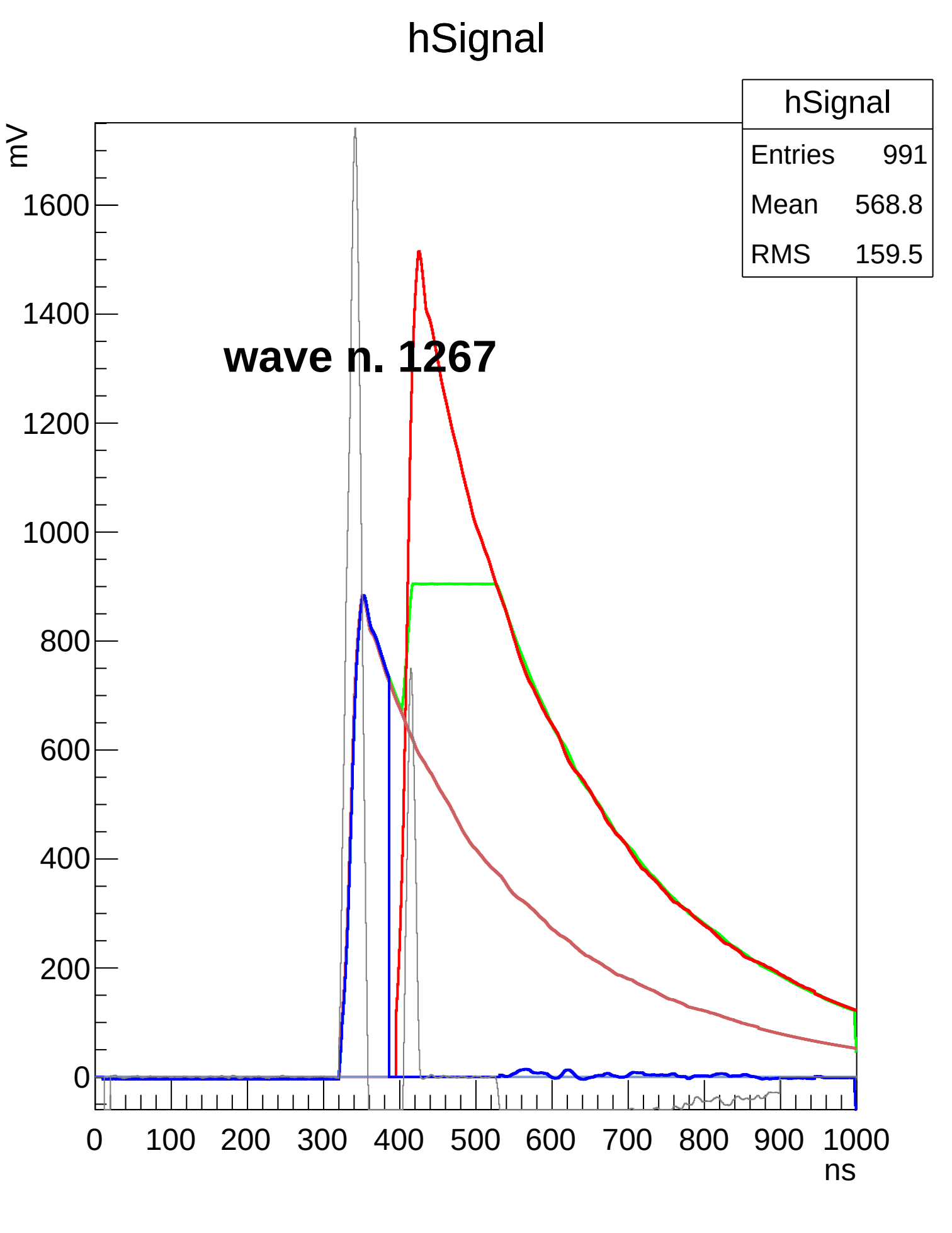
ns


hSignal
hSignal
Entries 991
Mean 568.8
RMS 159.5
wave n. 1267
mV
1600
1400
1200
1000
800
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400
200
0
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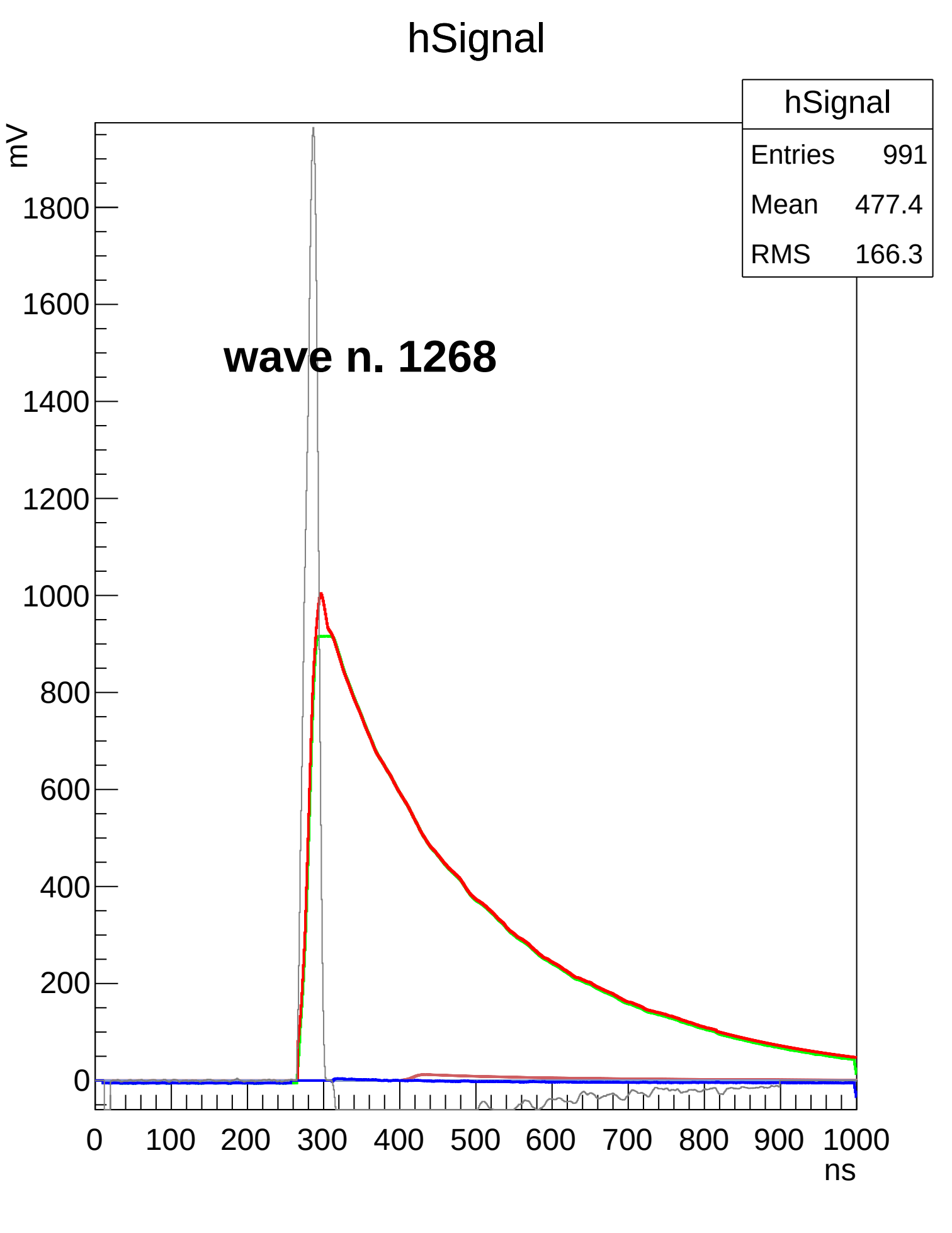
ns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hSignal
Entries 991
Mean 477.4
RMS 166.3
wave n. 1268
mV
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1600
1400
1200
1000
800
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400
200
0
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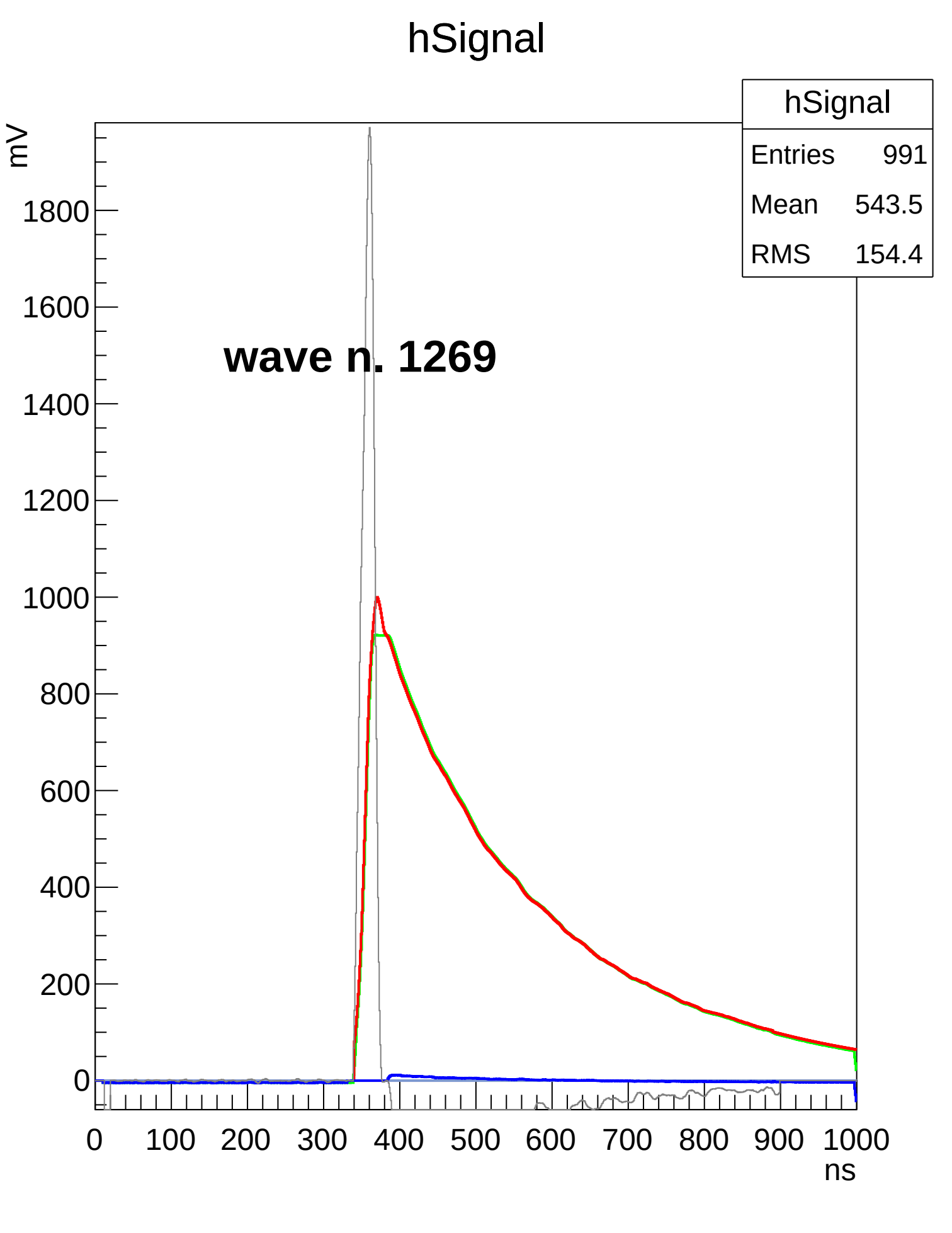
ns


hSignal
hSignal
Entries 991
Mean 543.5
RMS 154.4
wave n. 1269
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400
200
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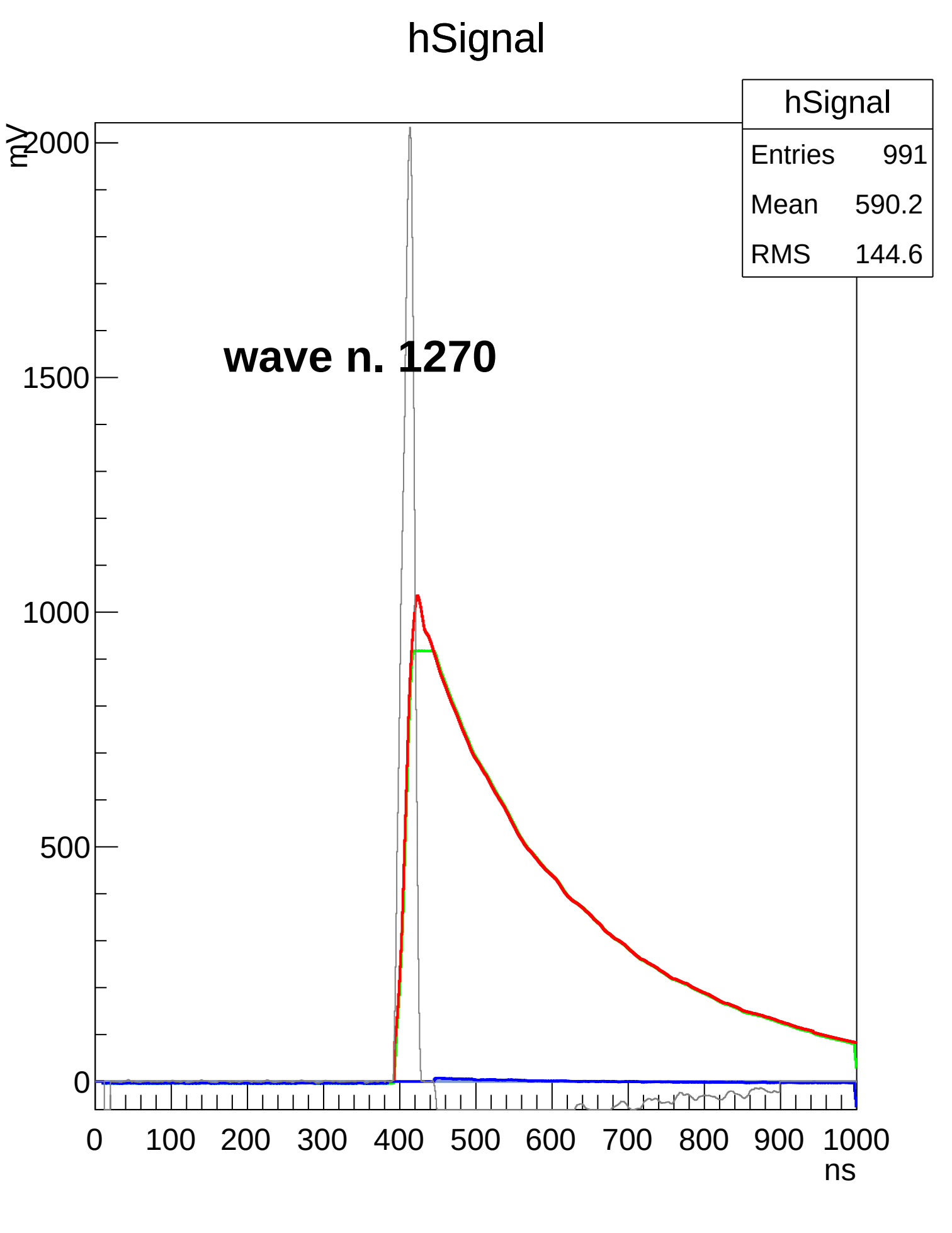
ns


hSignal
hSignal
Entries 991
Mean 590.2
RMS 144.6
wave n. 1270
mV
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1000
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0
100
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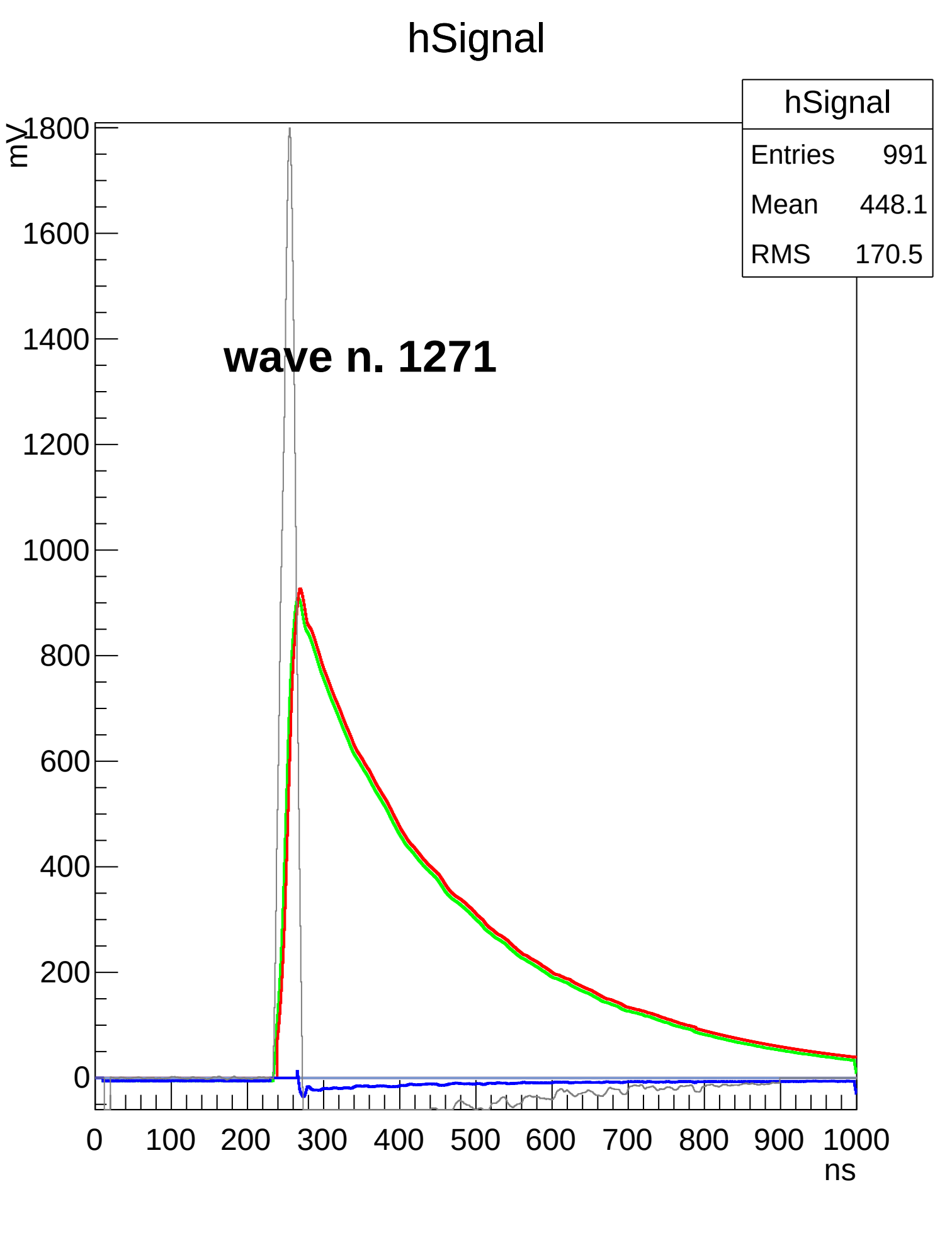
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 448.1
RMS 170.5
wave n. 1271
mV
1800
1600
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200
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400
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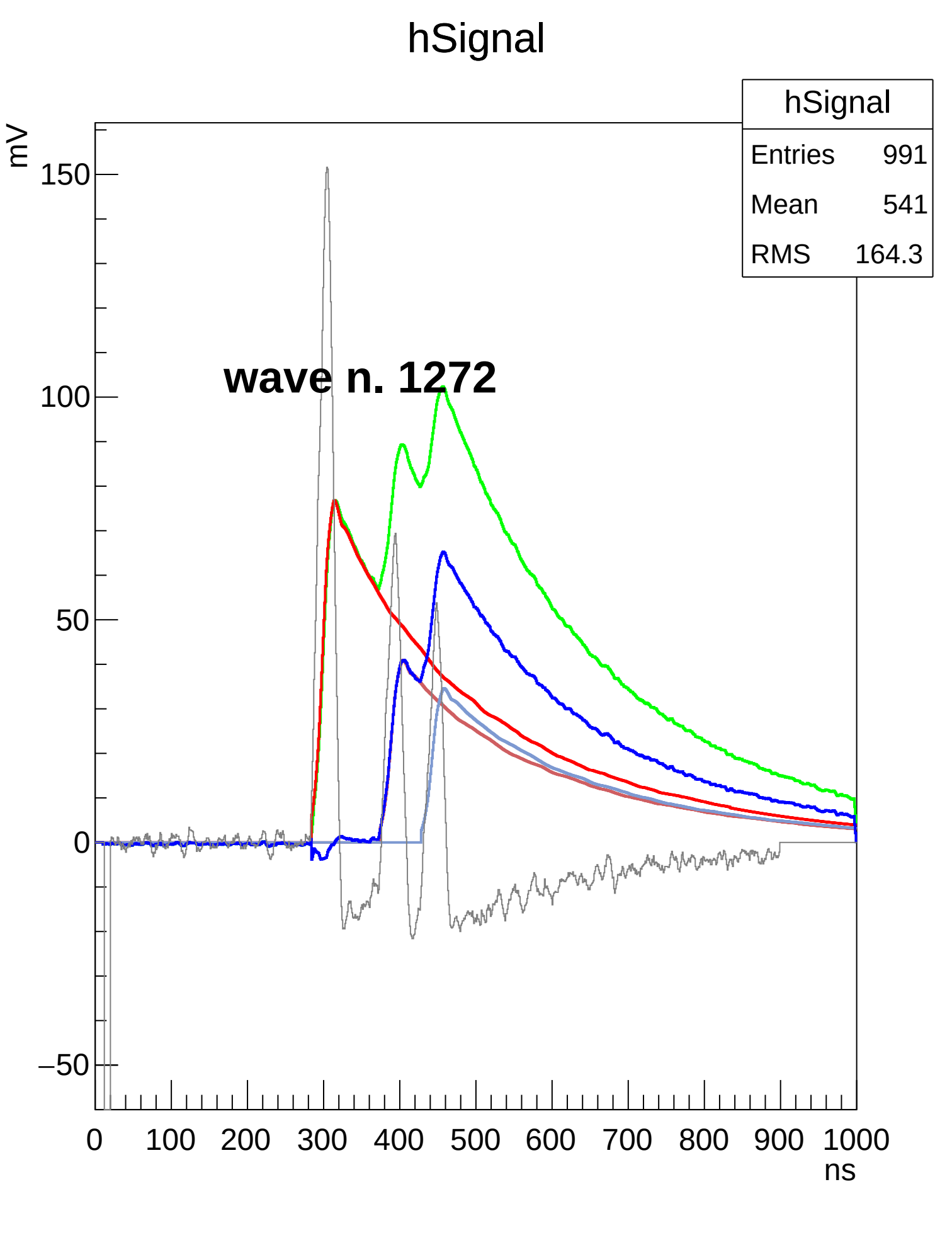
hSignal
hSignal
Entries 991
Mean 541
RMS 164.3
wave n. 1272
mV
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100
50
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0
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400
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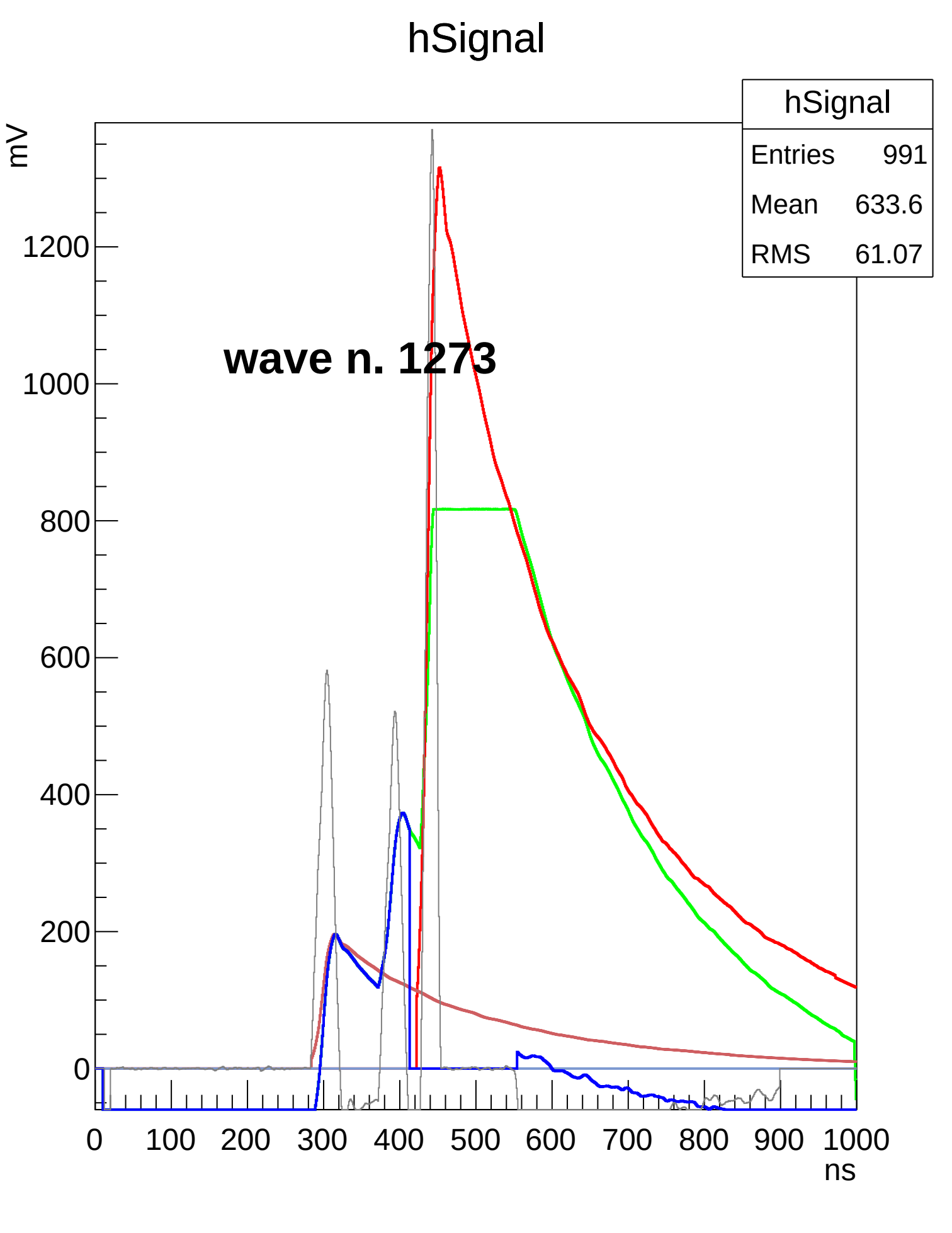
1000
ns


hSignal
hSignal
Entries 991
Mean 633.6
RMS 61.07
wave n. 1273
mV
1200
1000
800
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400
200
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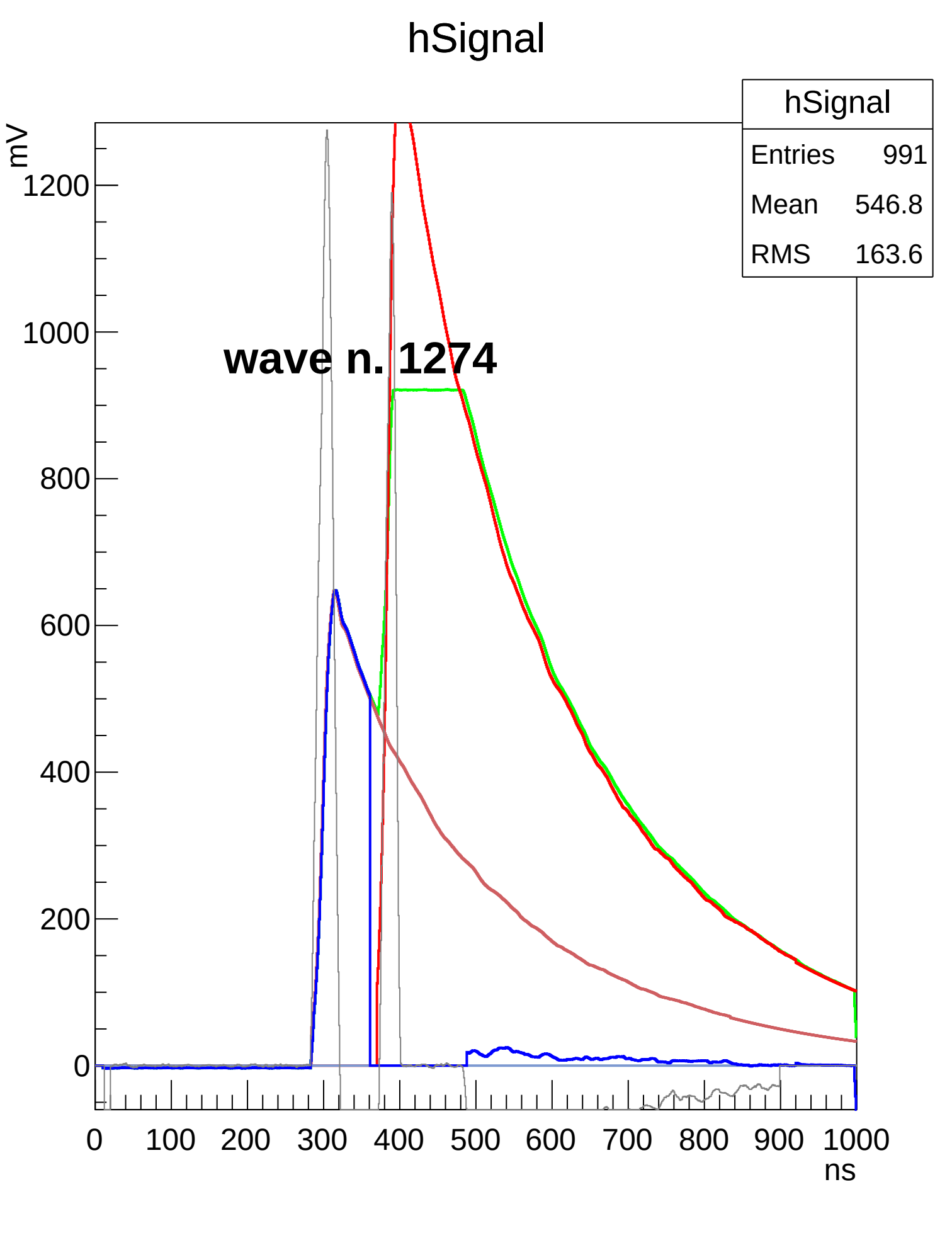
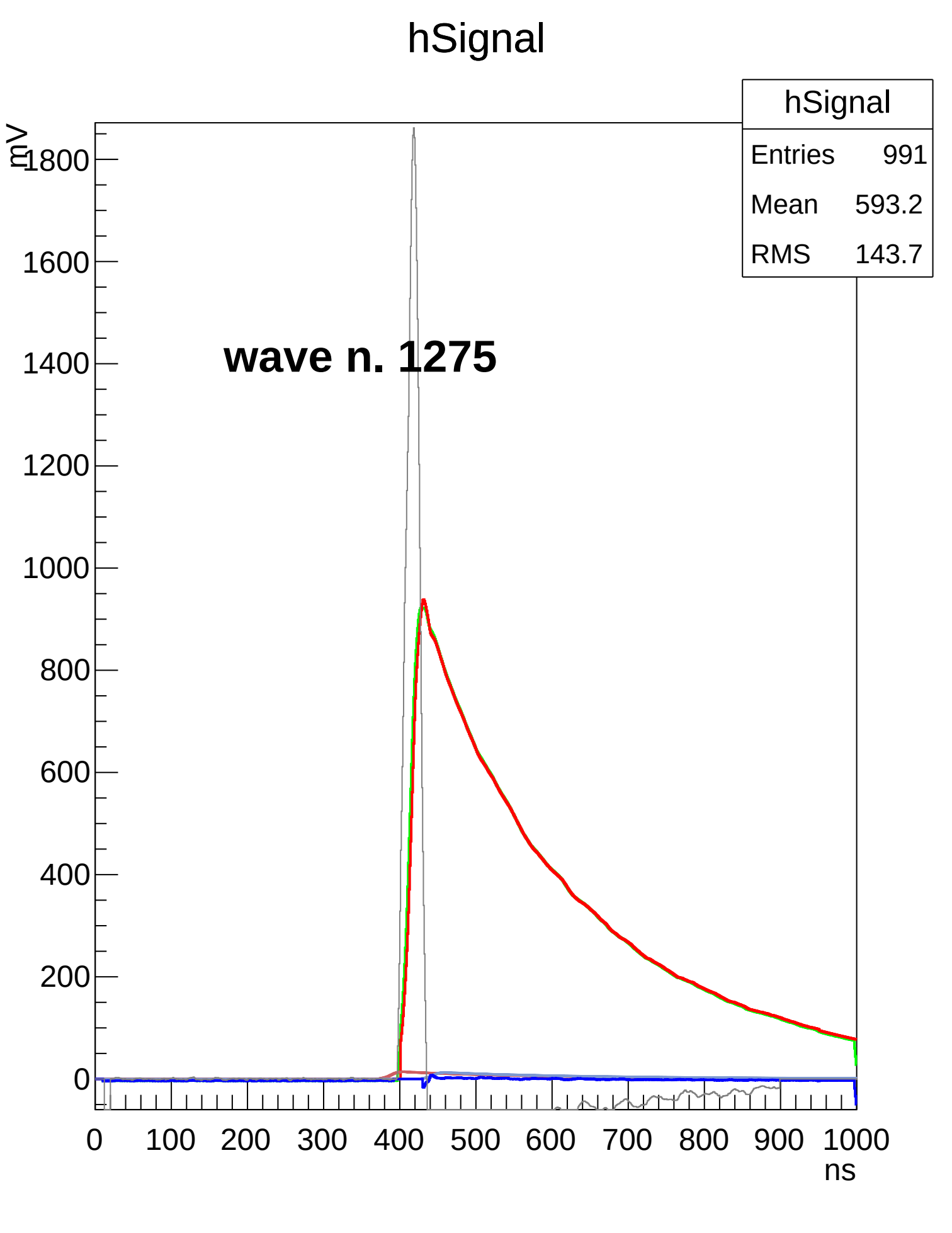
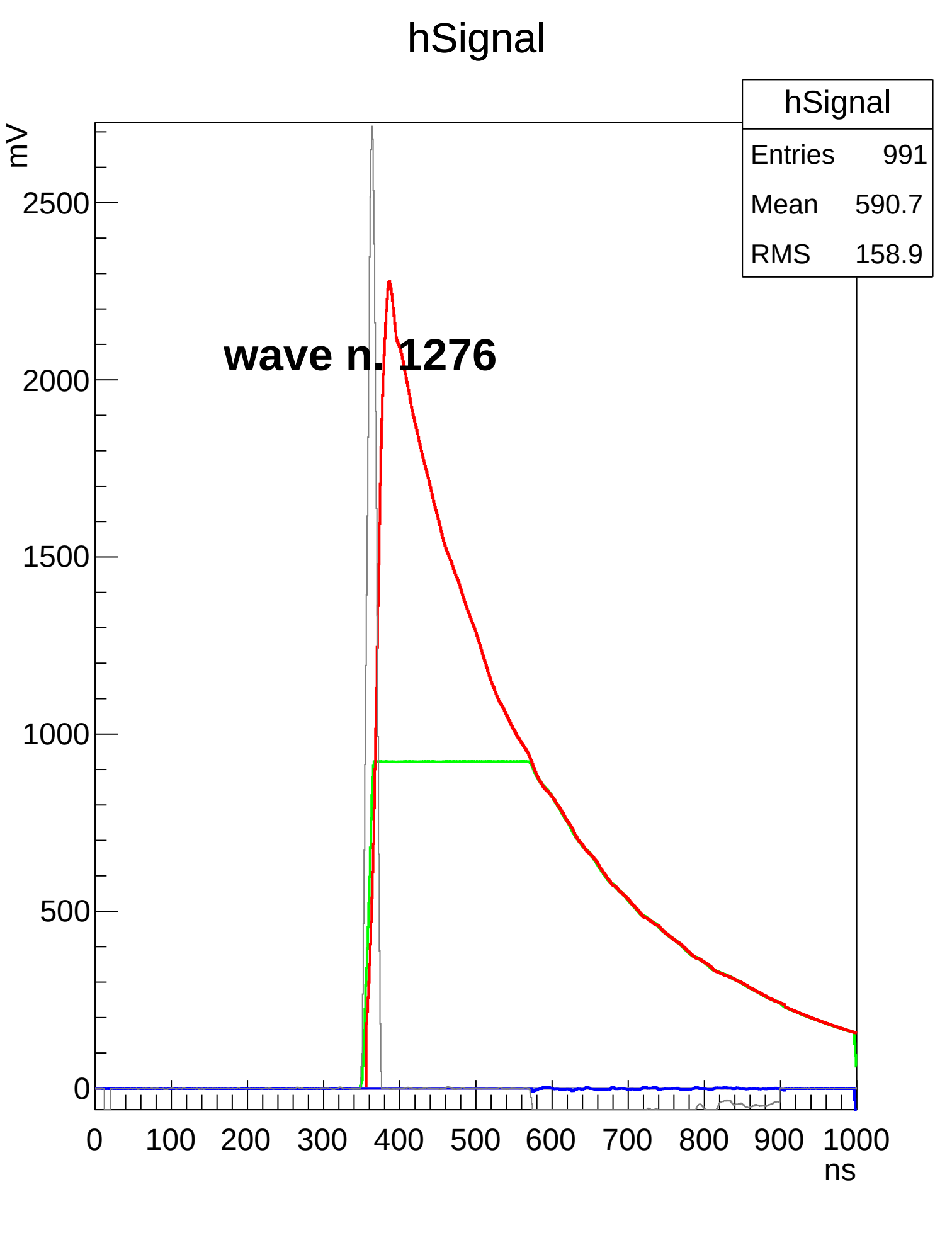
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 546.8
RMS 163.6
wave n. 1274
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 593.2
RMS 143.7
wave n. 1275
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 590.7
RMS 158.9
wave n. 1276
mV
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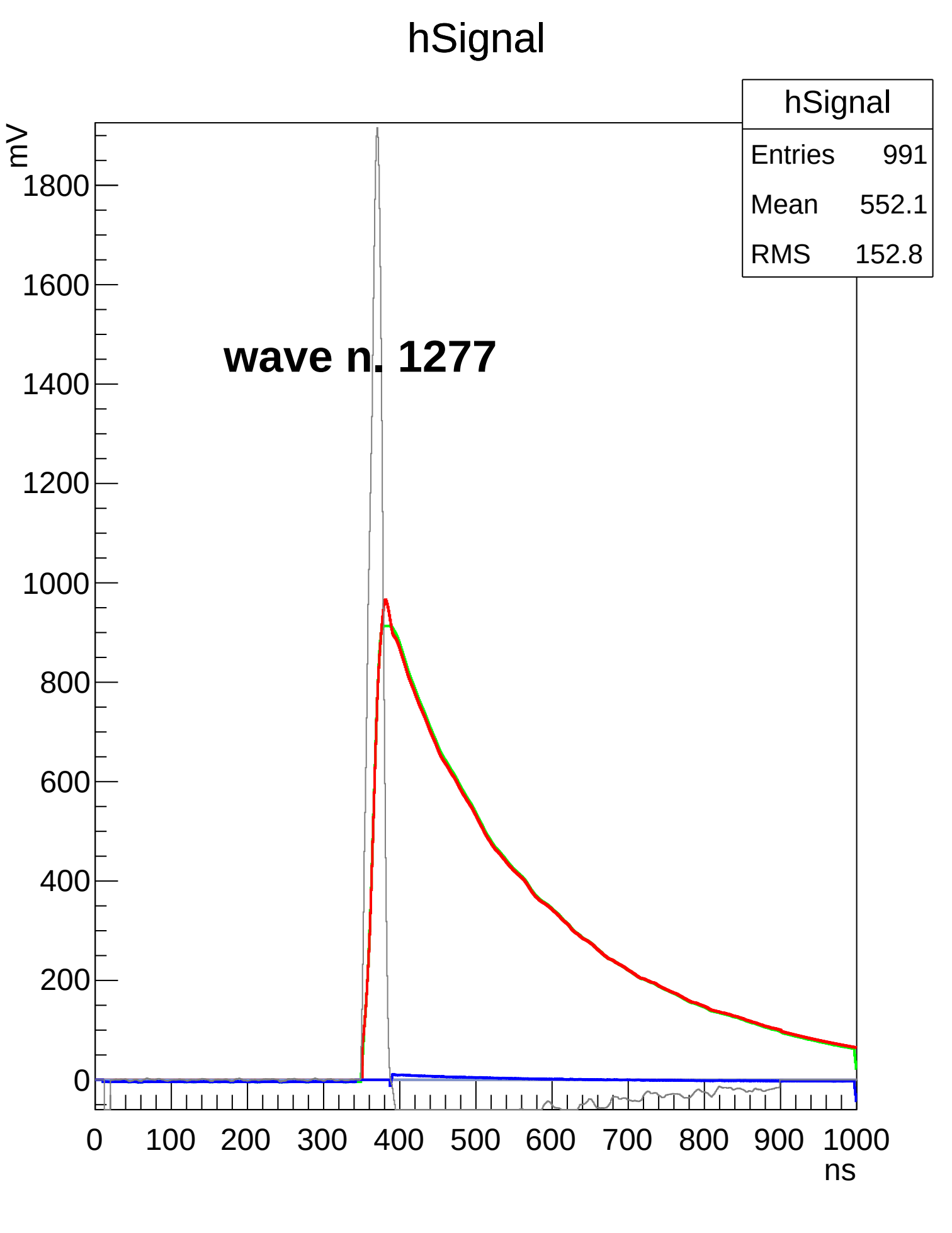
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
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RMS 152.8
wave n. 1277
mV
1800
1600
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600
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200
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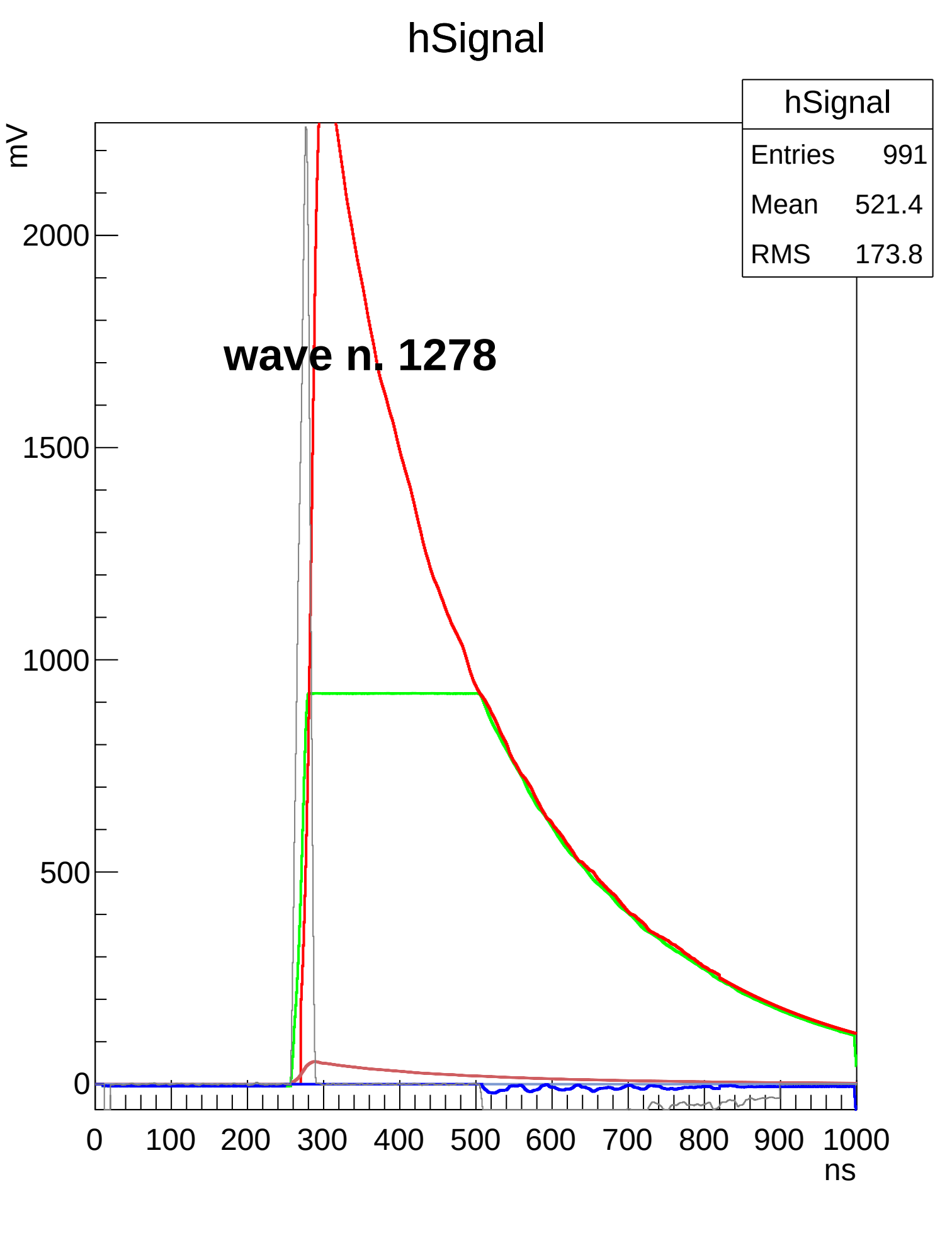
1000
ns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hSignal
Entries 991
Mean 521.4
RMS 173.8
wave n. 1278
mV
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0
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800
900
1000
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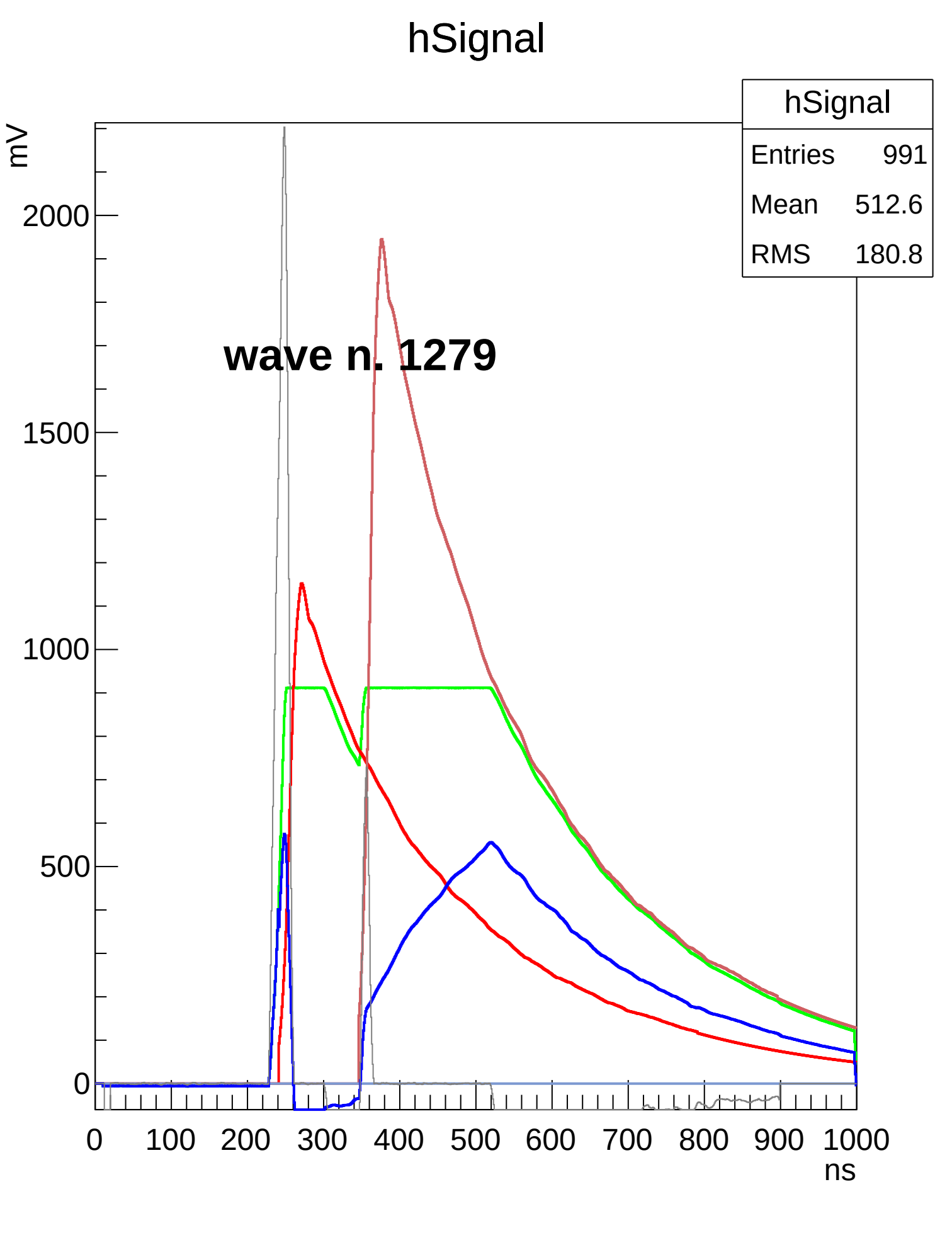
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hSignal
Entries 991
Mean 512.6
RMS 180.8
wave n. 1279
mV
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1500
1000
500
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0
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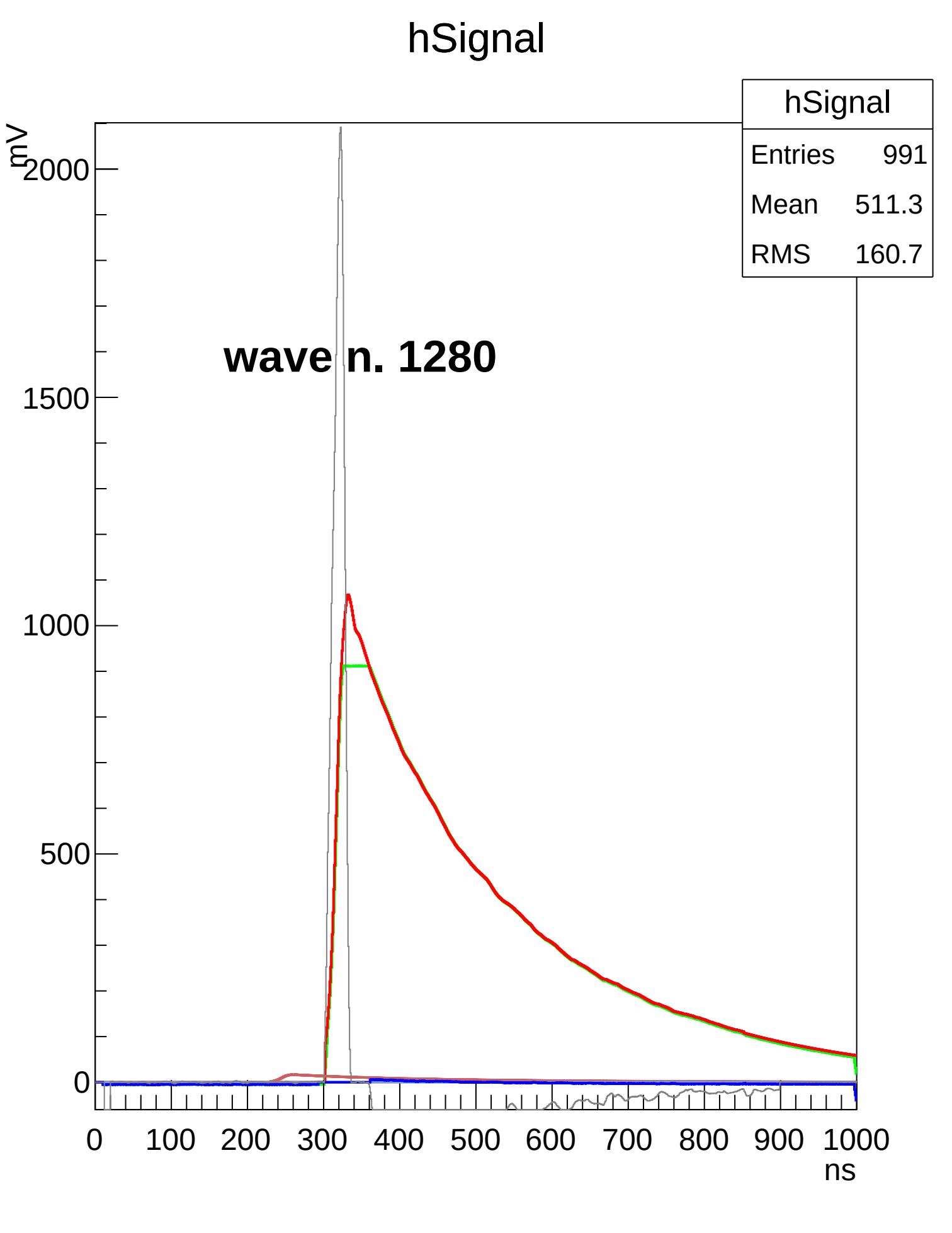
800
900
1000
ns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hSignal
Entries 991
Mean 511.3
RMS 160.7
wave n. 1280
mV
2000
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1000
500
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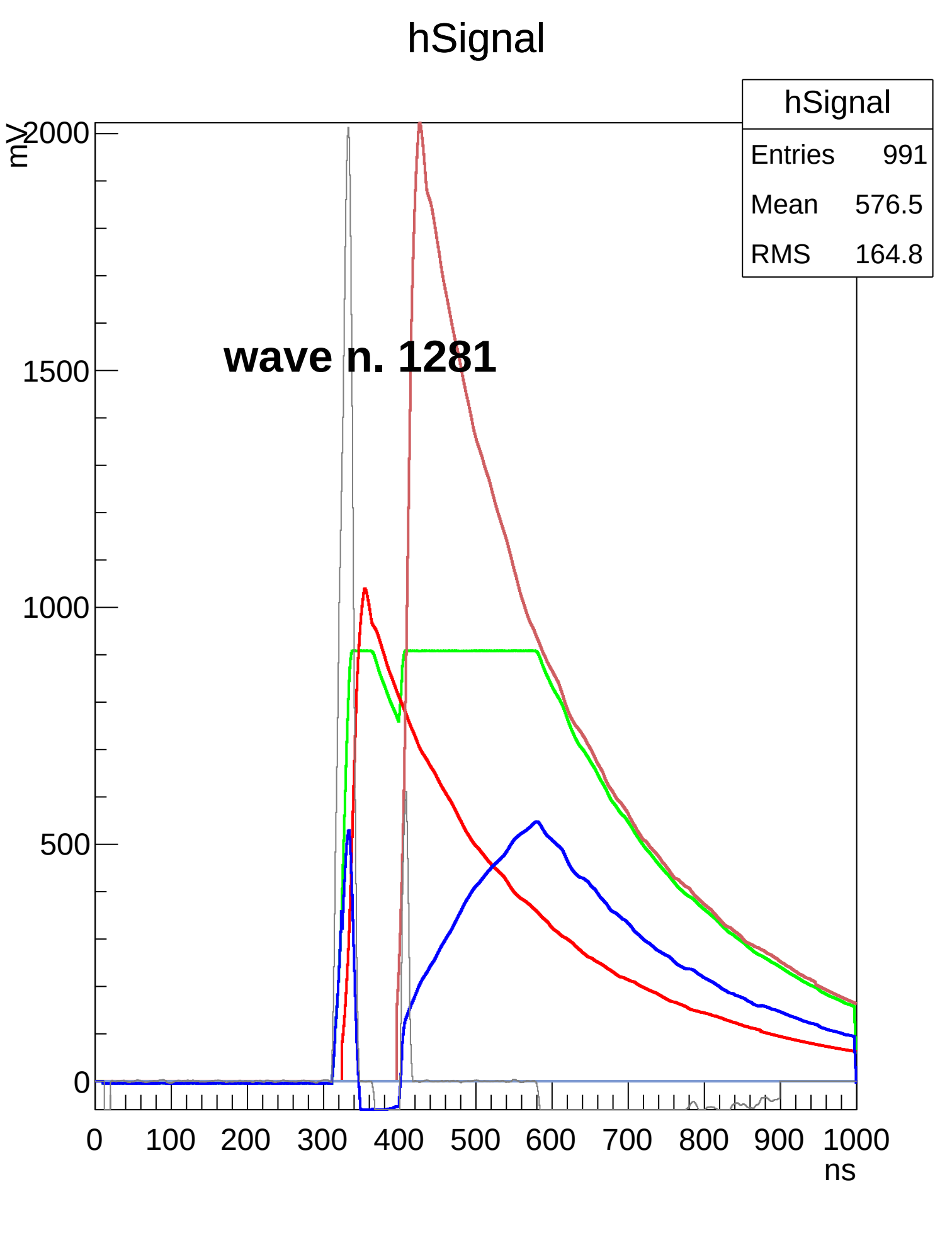
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 576.5
RMS 164.8
wave n. 1281
mV
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1500
1000
500
0
0
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400
500
600
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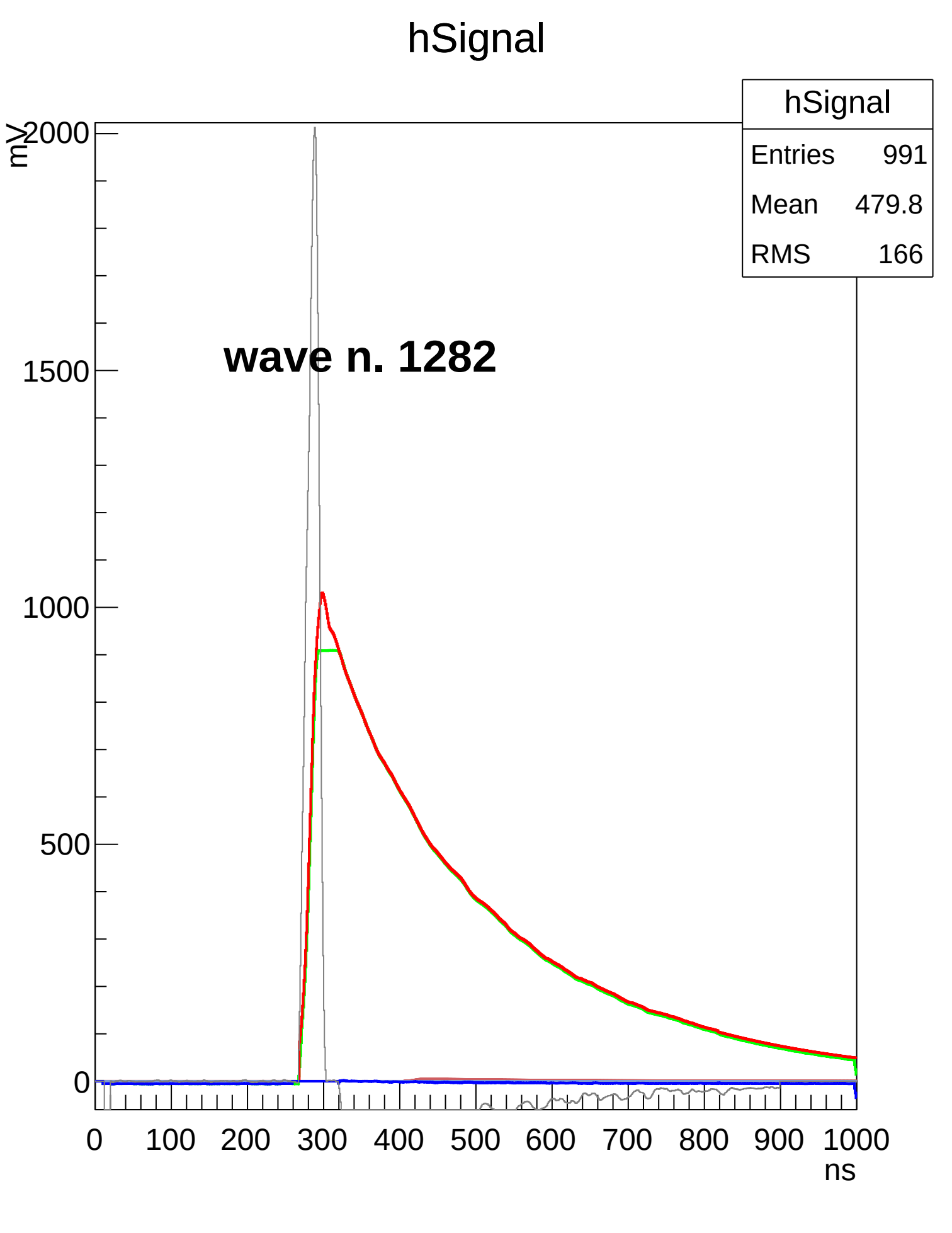
800
900
1000
ns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hSignal
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Mean 479.8
RMS 166
wave n. 1282
mV
2000
1500
1000
500
0
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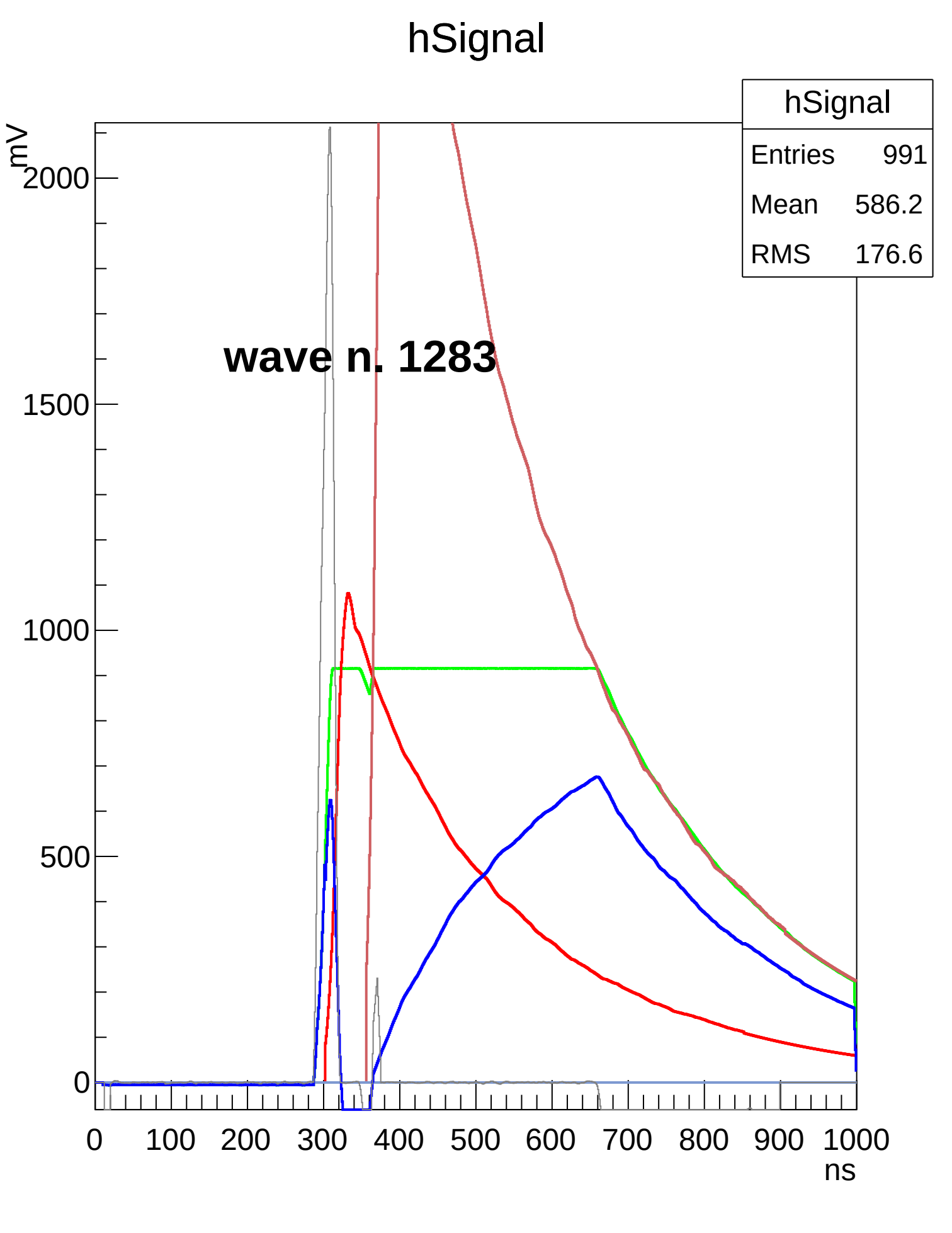
ns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hSignal
Entries 991
Mean 586.2
RMS 176.6
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mV
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1000
500
0
0
100
200
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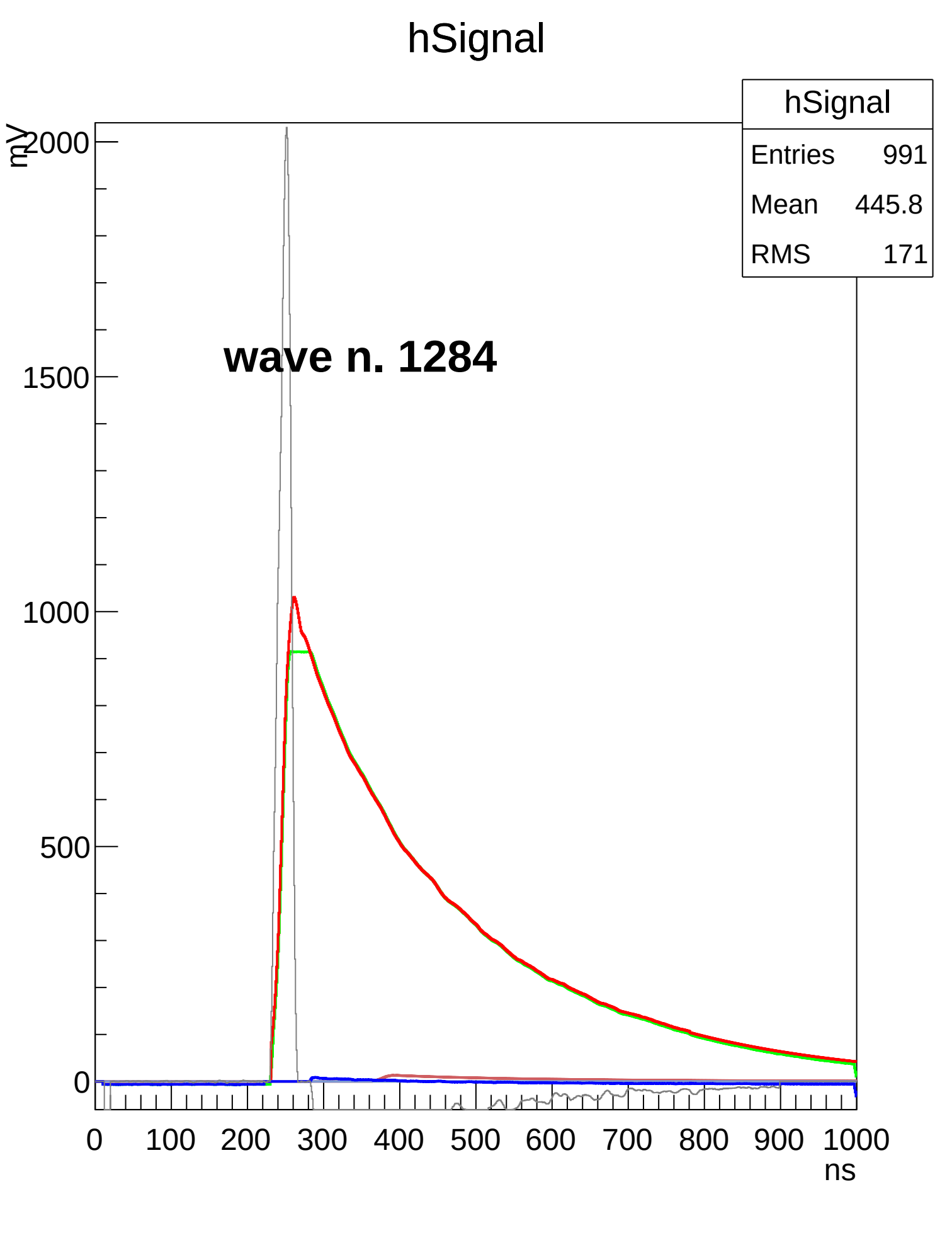
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 445.8
RMS 171
wave n. 1284
mV
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1500
1000
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0
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200
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400
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600
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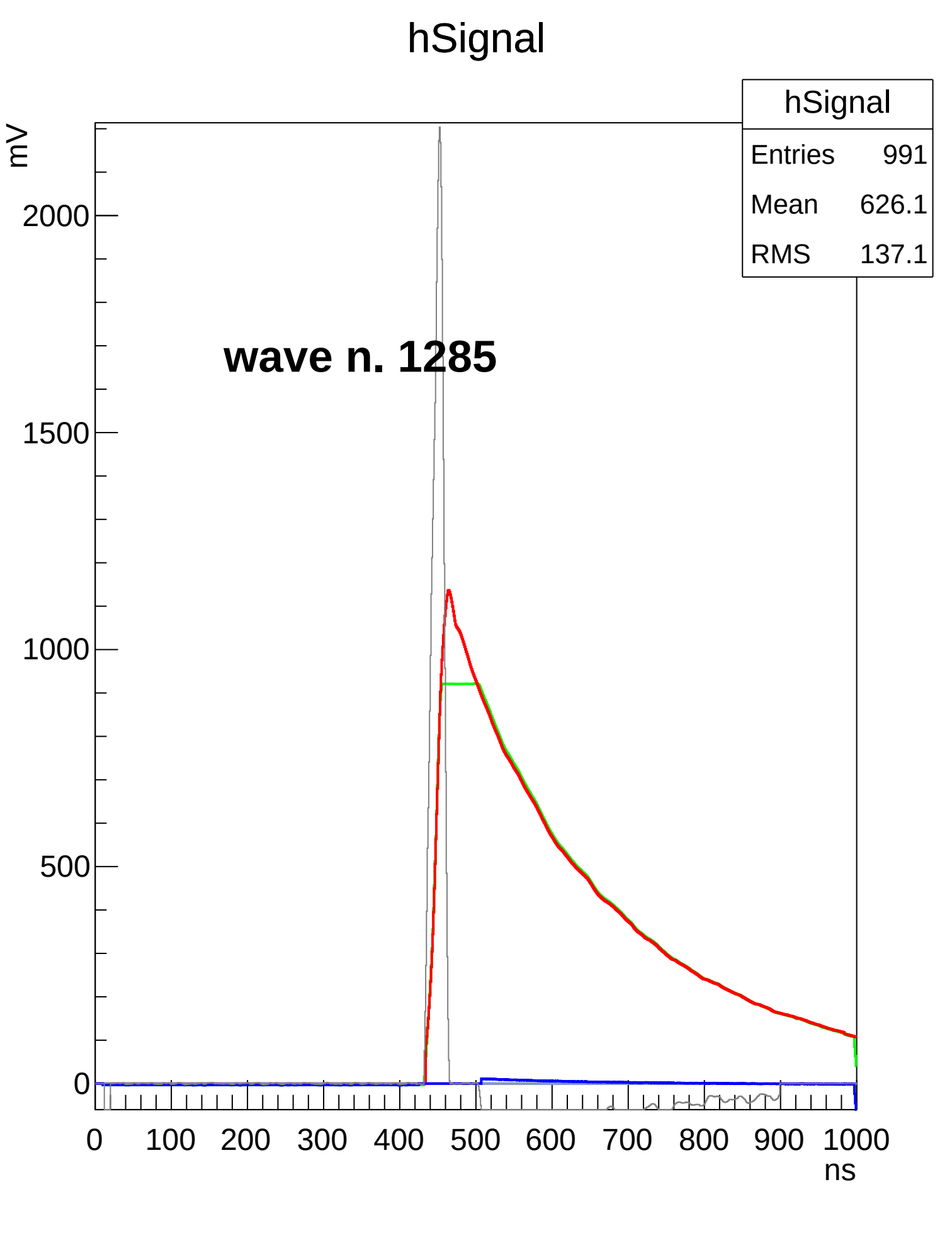
800
900
1000
ns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Entries 991
Mean 626.1
RMS 137.1
wave n. 1285
mV
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1500
1000
500
0
0
100
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400
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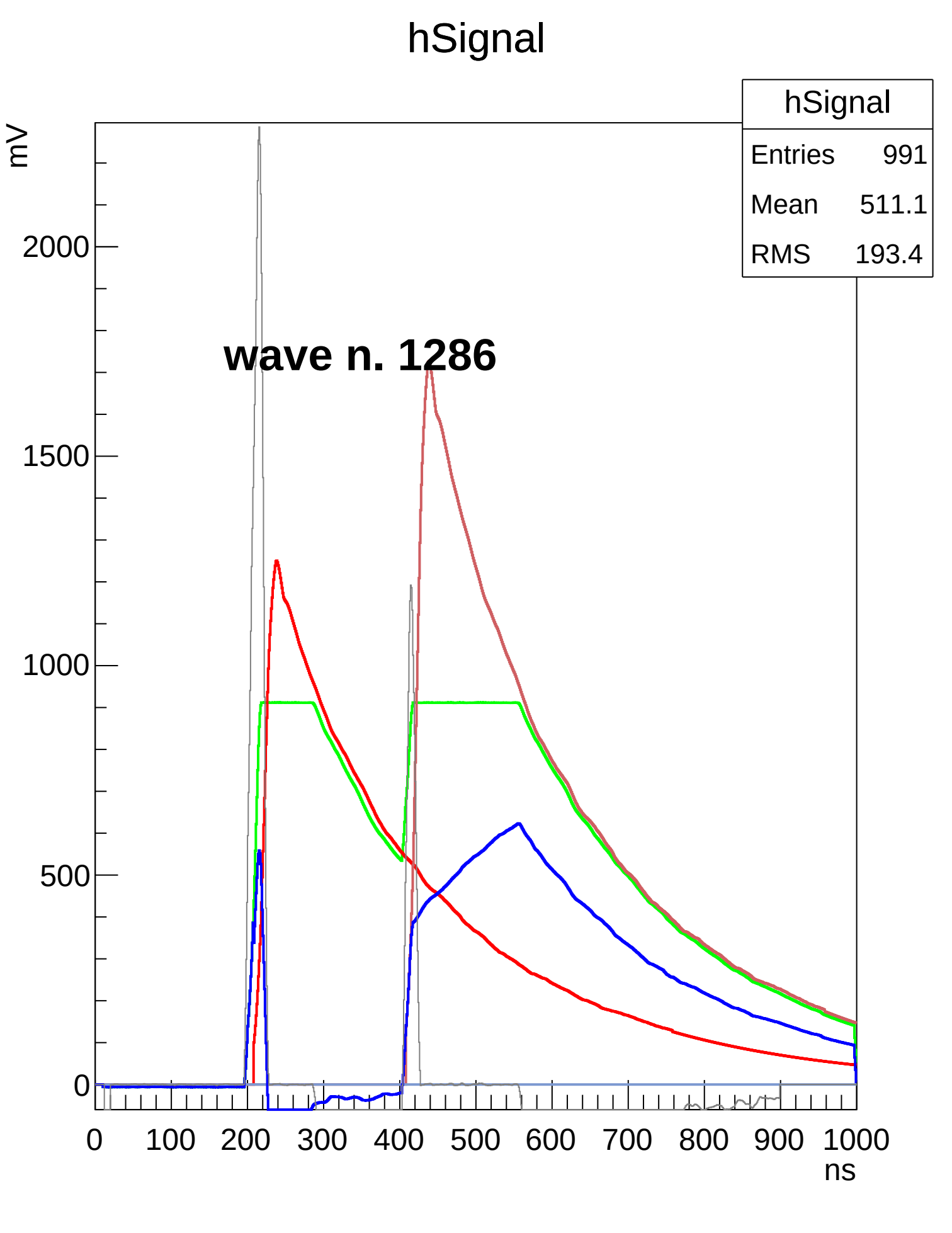
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 511.1
RMS 193.4
wave n. 1286
mV
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1000
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0
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400
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800
900
1000
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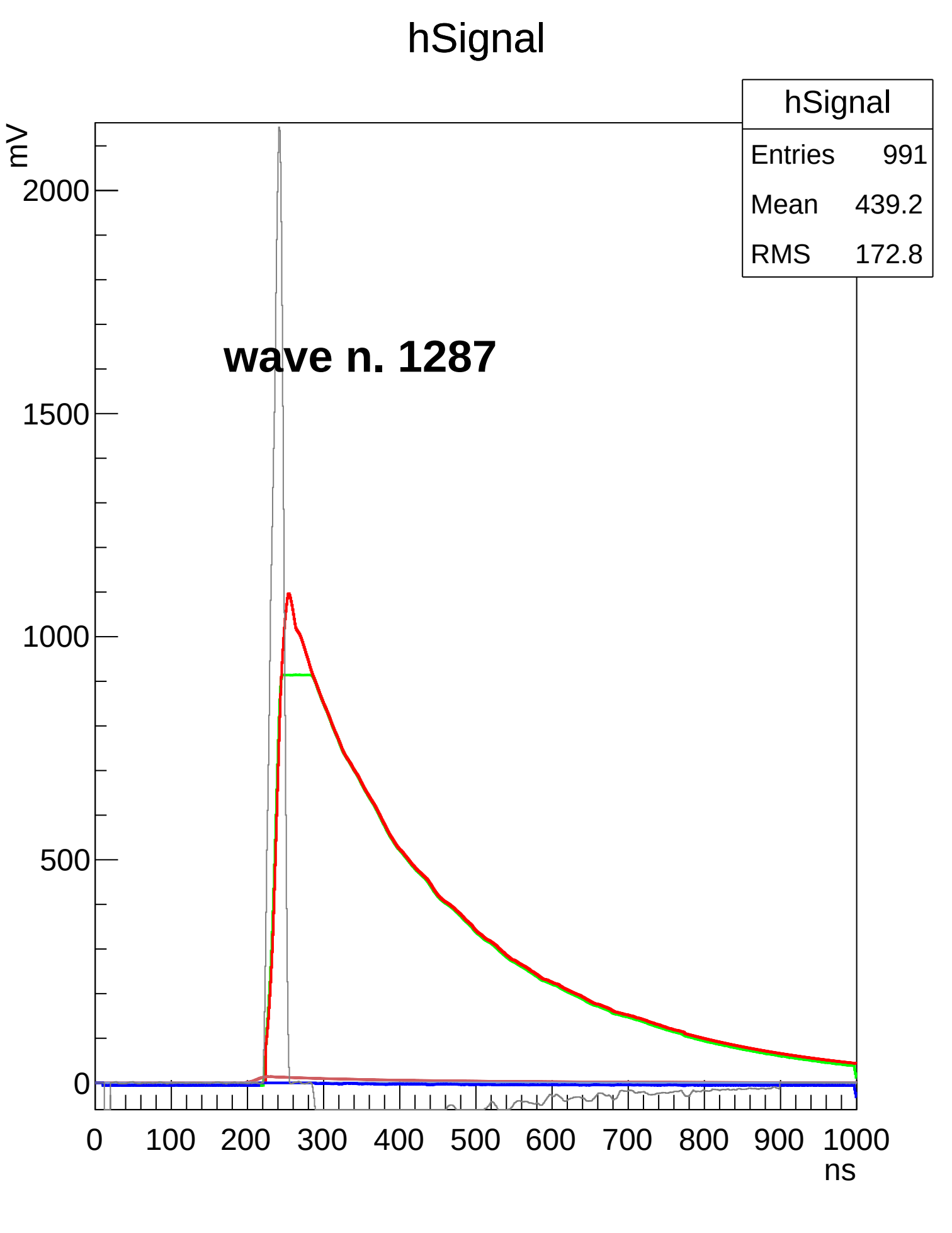
hSignal
hSignal
Entries 991
Mean 439.2
RMS 172.8
wave n. 1287
mV
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1500
1000
500
0
0
100
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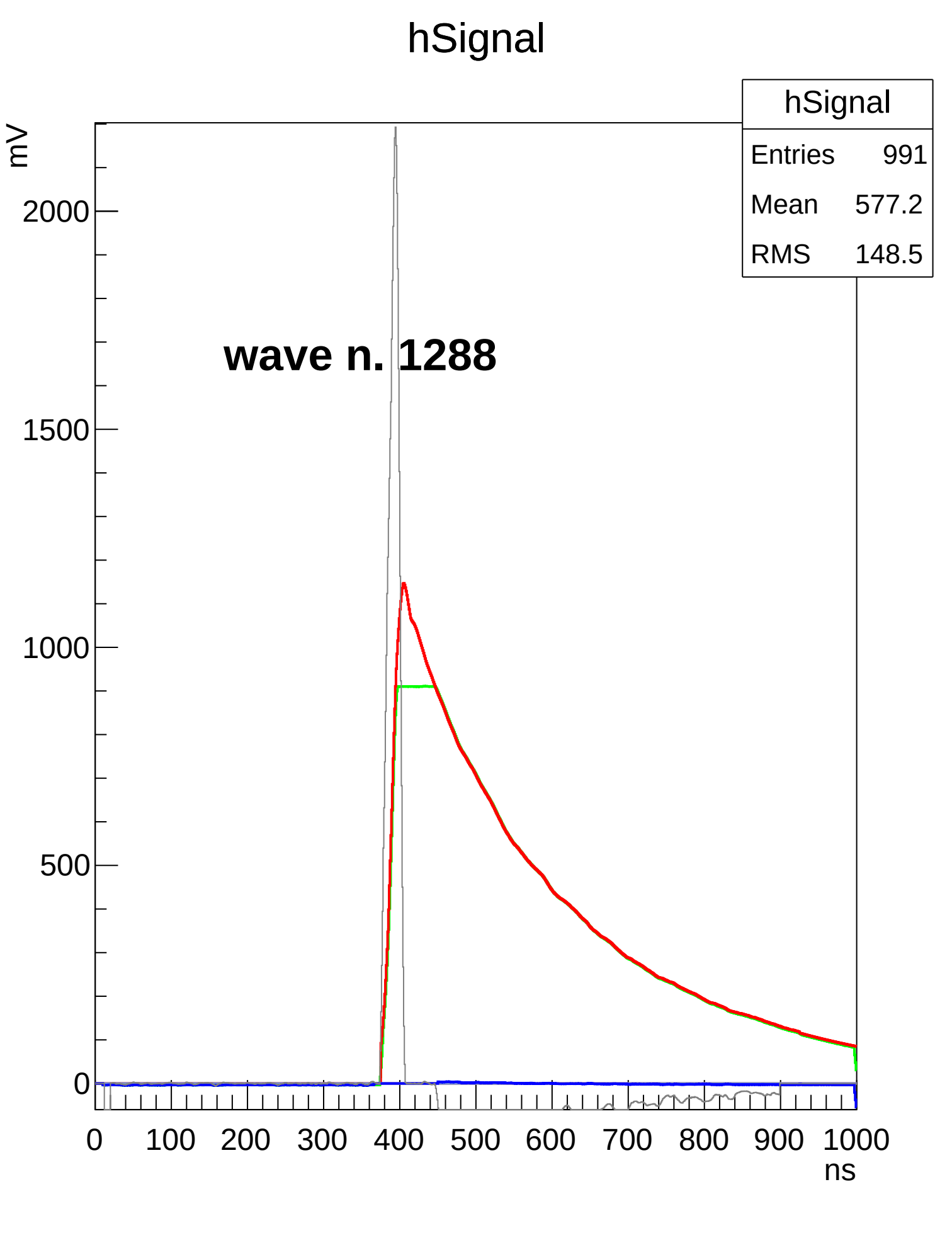
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.2
RMS 148.5
wave n. 1288
mV
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1500
1000
500
0
0
100
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400
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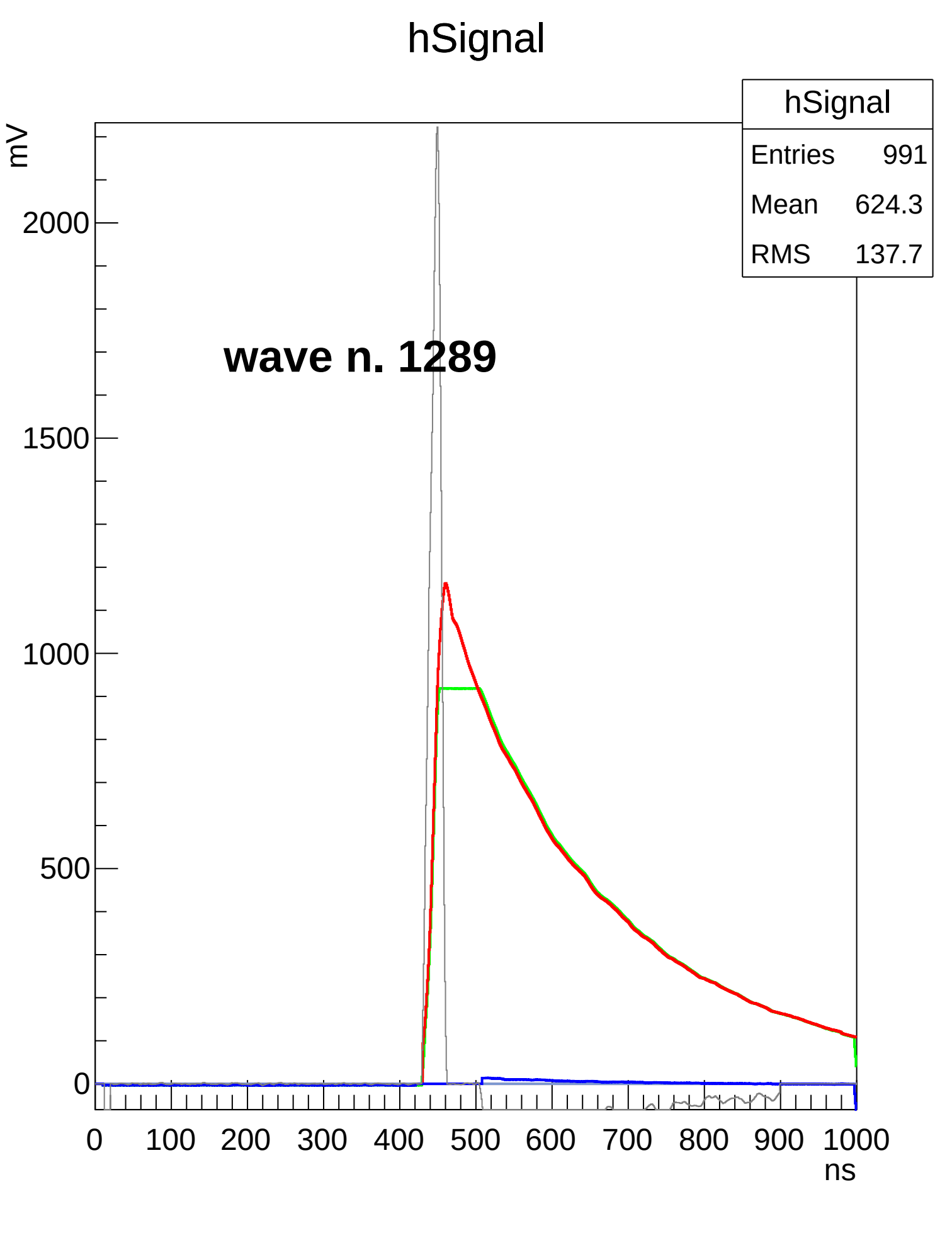
700
800
900
1000
ns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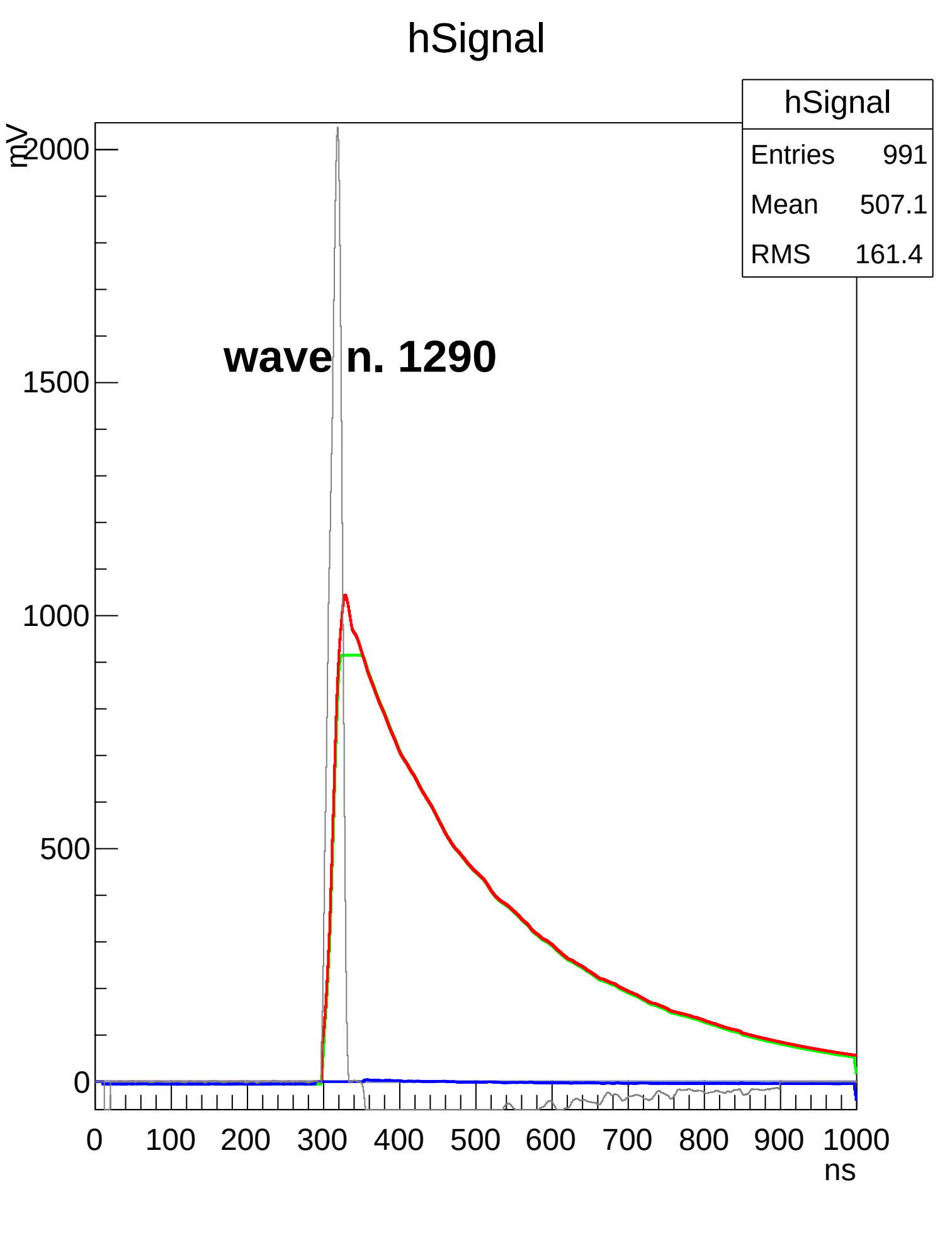
hSignal
Entries 991
Mean 624.3
RMS 137.7
wave n. 1289
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 507.1
RMS 161.4
wave n. 1290
mV
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1000
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0
0
100
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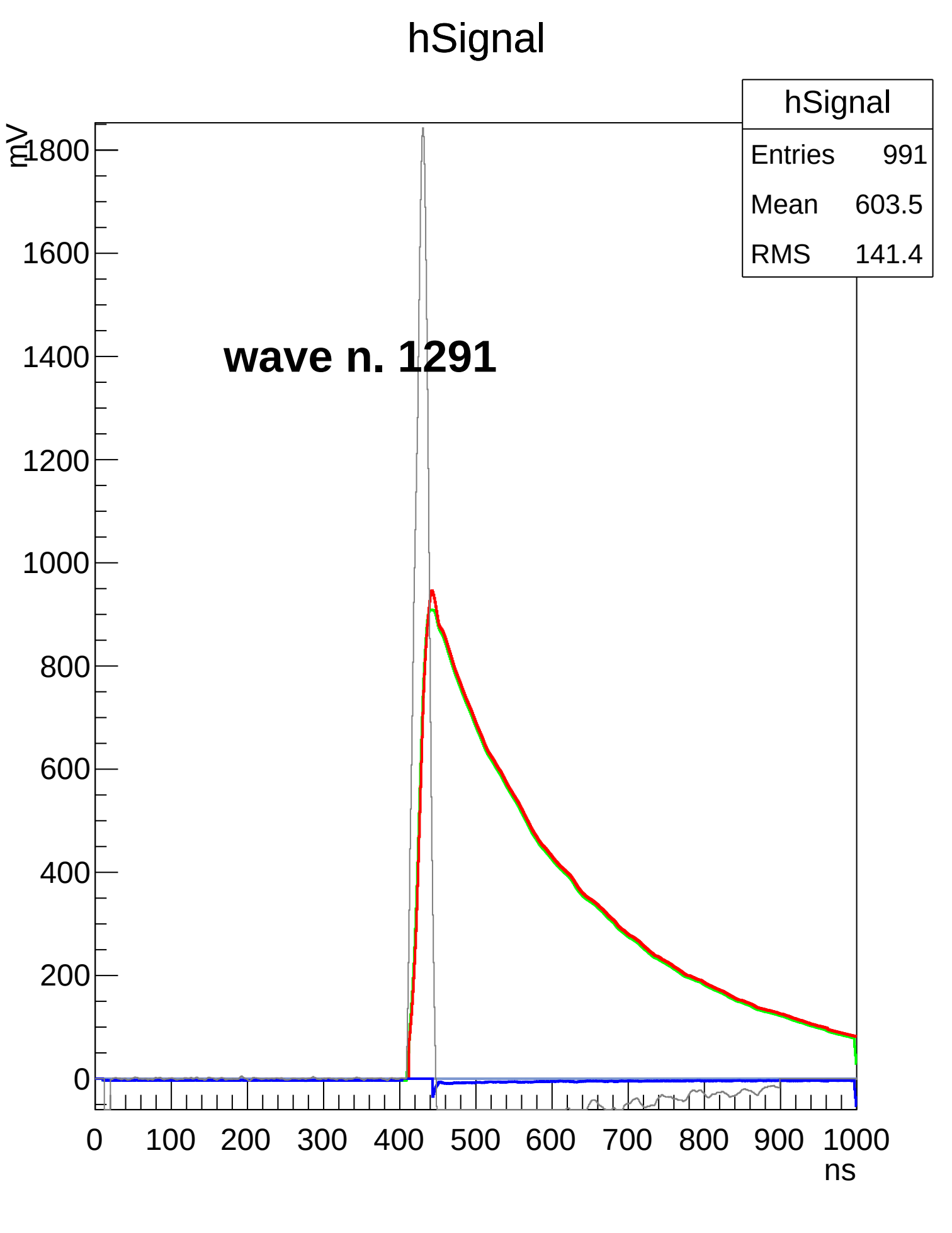
800
900
1000
ns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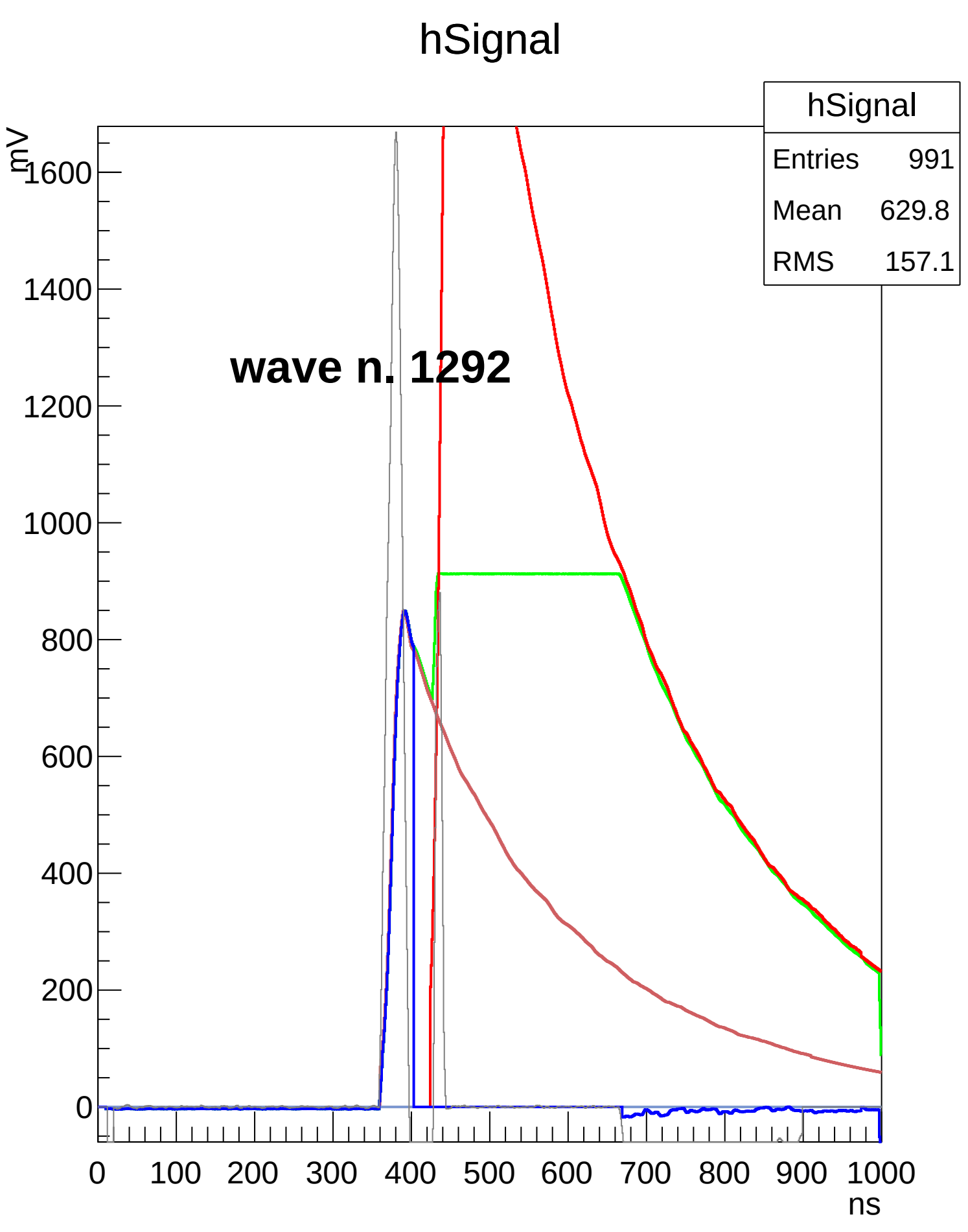
hSignal
Entries 991
Mean 603.5
RMS 141.4
wave n. 1291
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 629.8
RMS 157.1
wave n. 1292
mV
1600
1400
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600
400
200
0
0
100
200
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400
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800
900
1000
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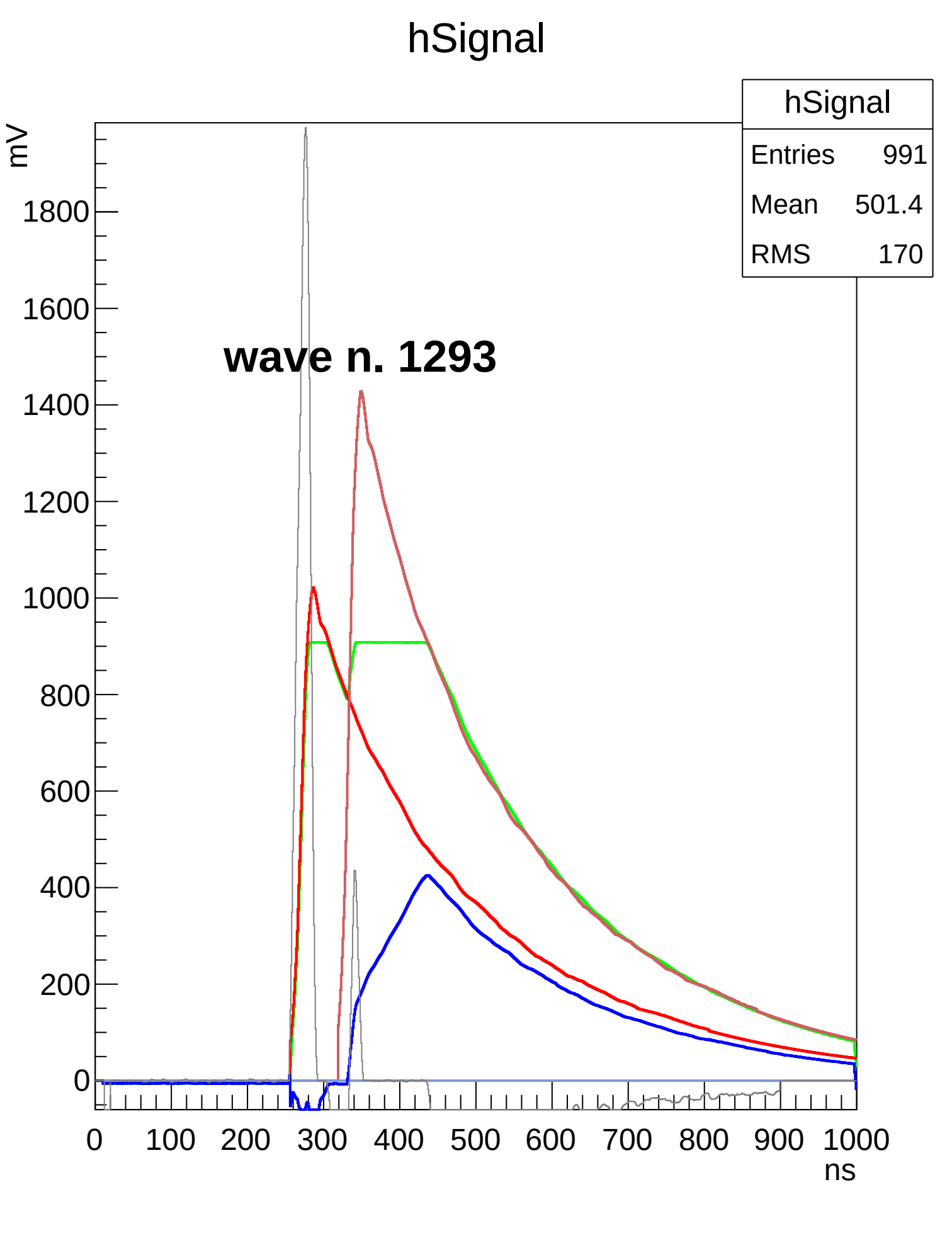
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hSignal
Entries 991
Mean 501.4
RMS 170
wave n. 1293
mV
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1600
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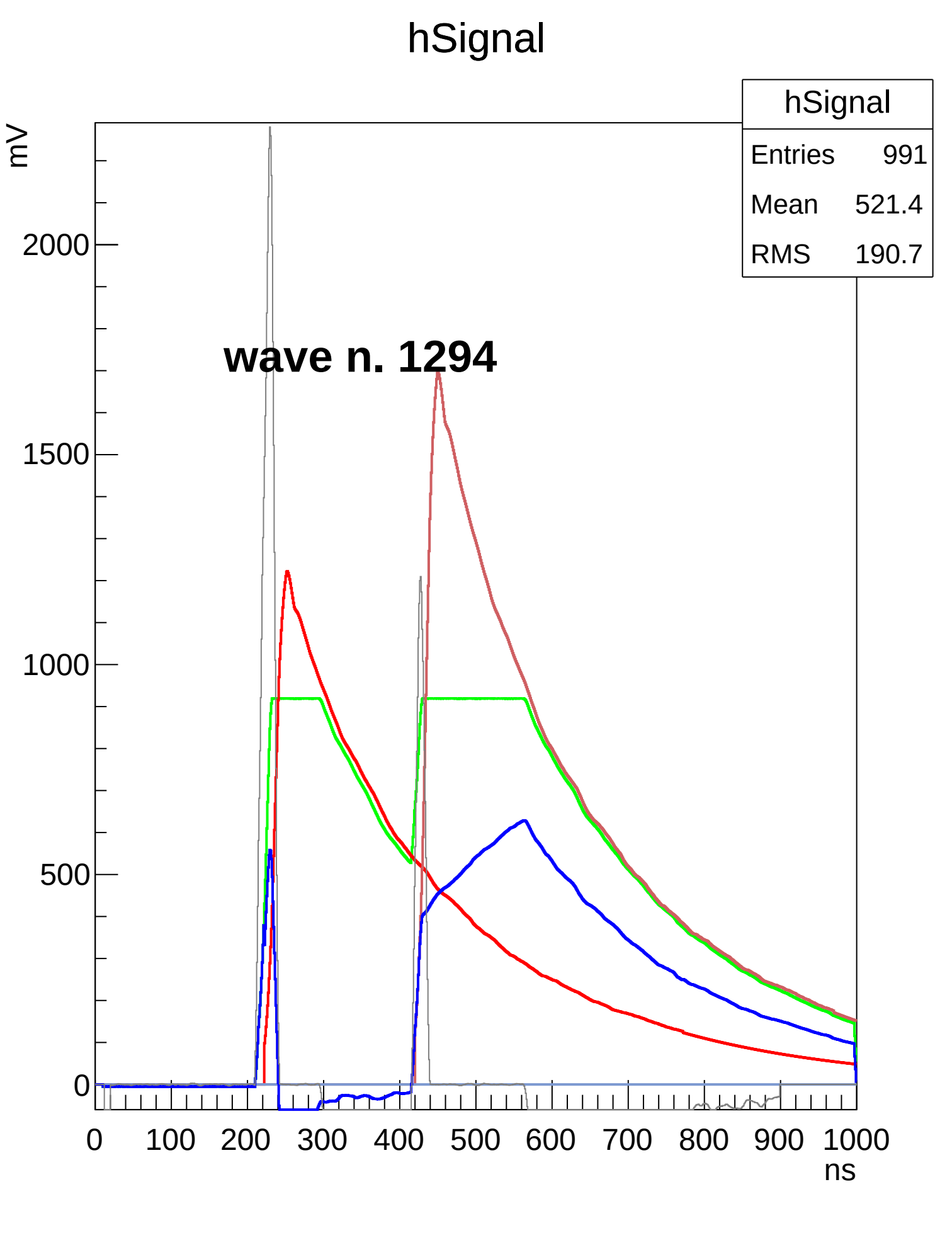
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 521.4
RMS 190.7
wave n. 1294
mV
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1500
1000
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0
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200
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400
500
600
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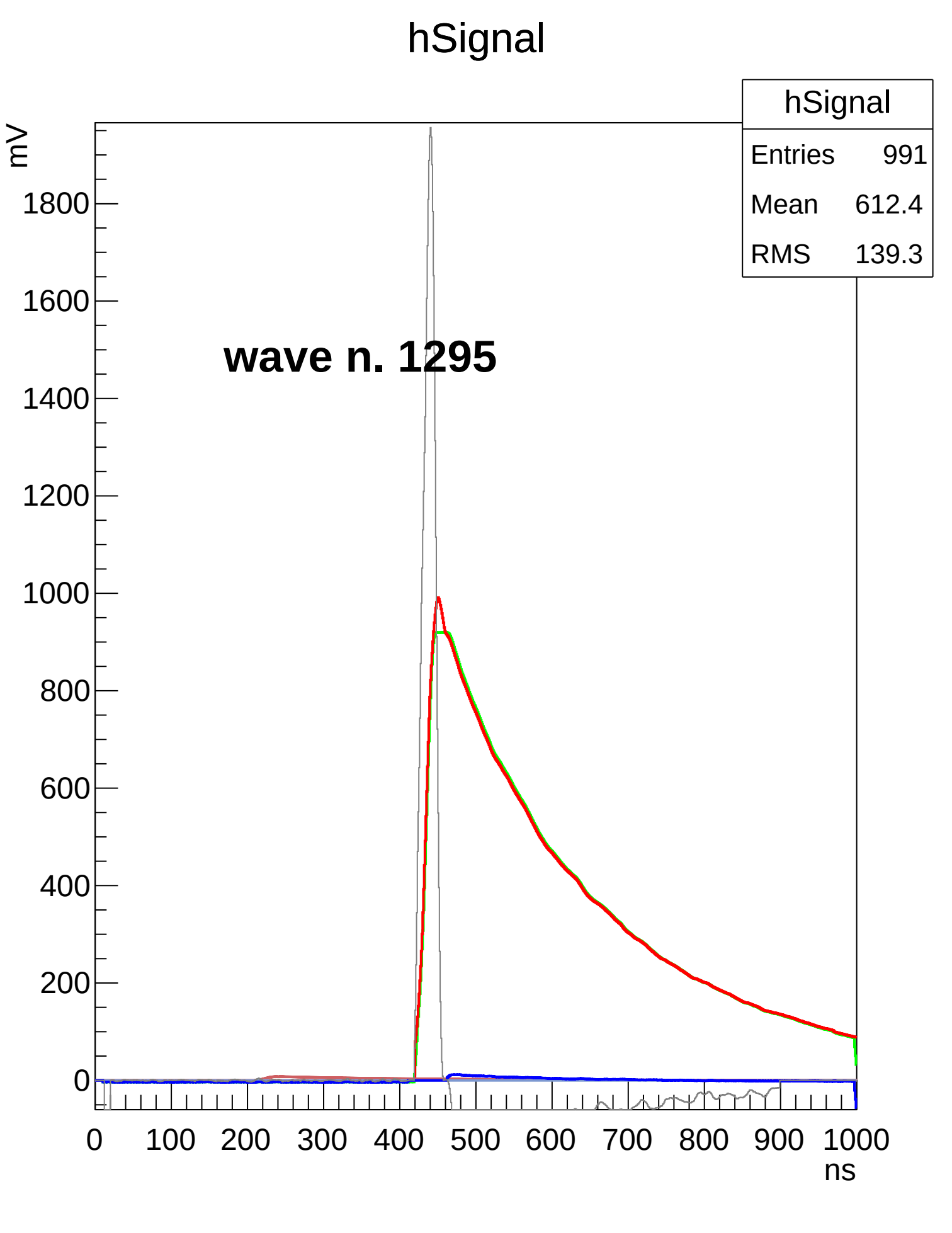
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 612.4
RMS 139.3
wave n. 1295
mV
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1400
1200
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800
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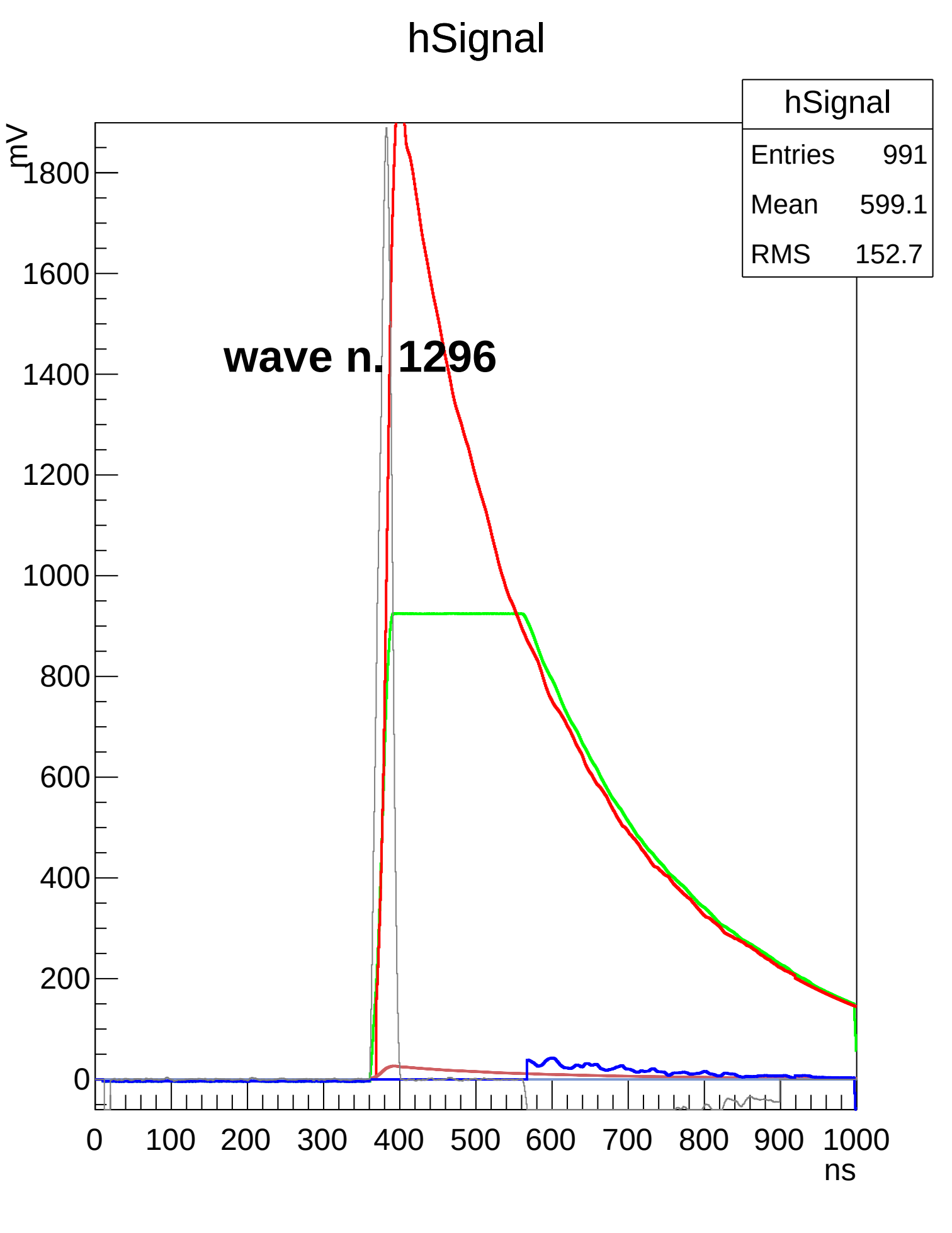
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 599.1
RMS 152.7
wave n. 1296
mV
1800
1600
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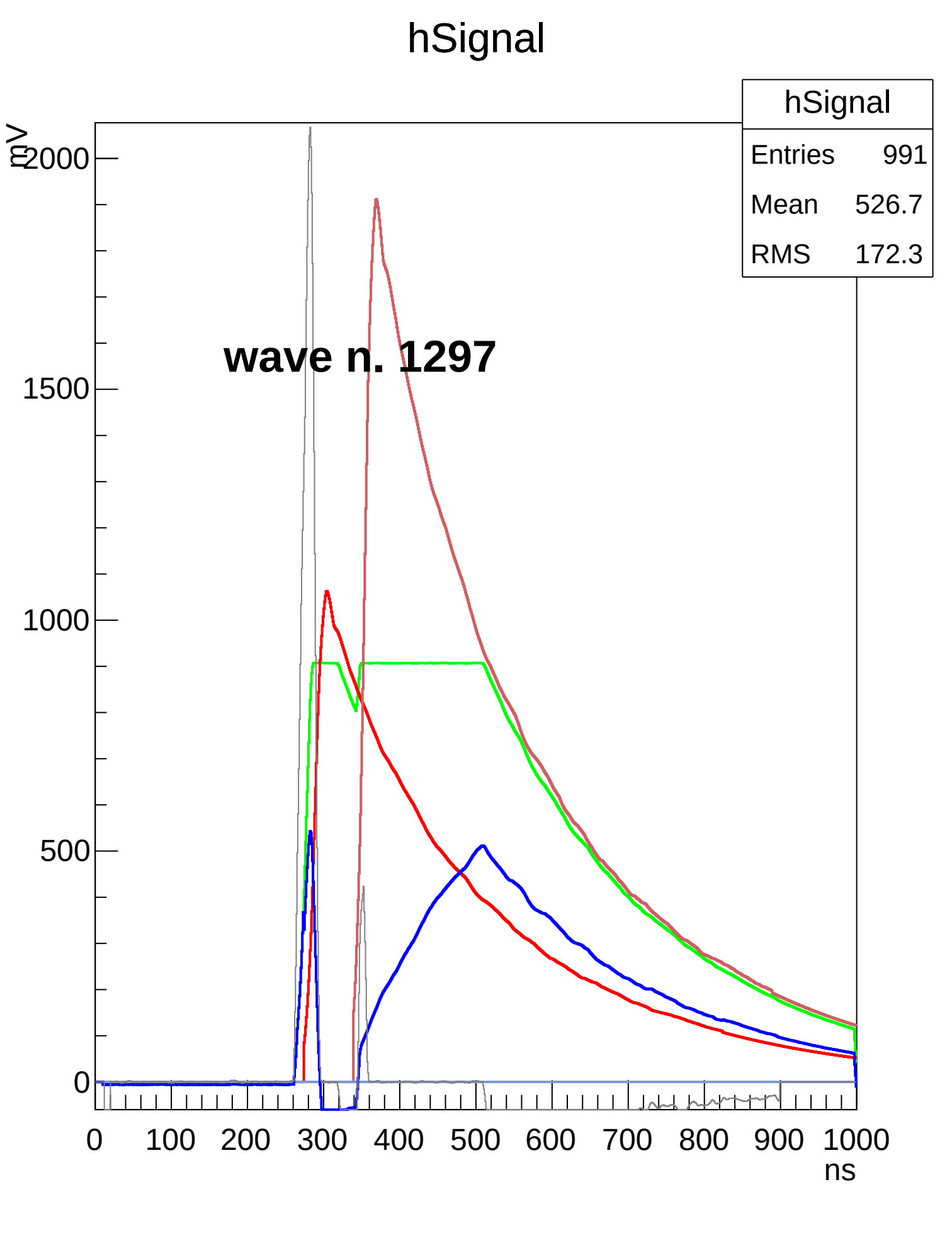
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hSignal
Entries 991
Mean 526.7
RMS 172.3
wave n. 1297
mV
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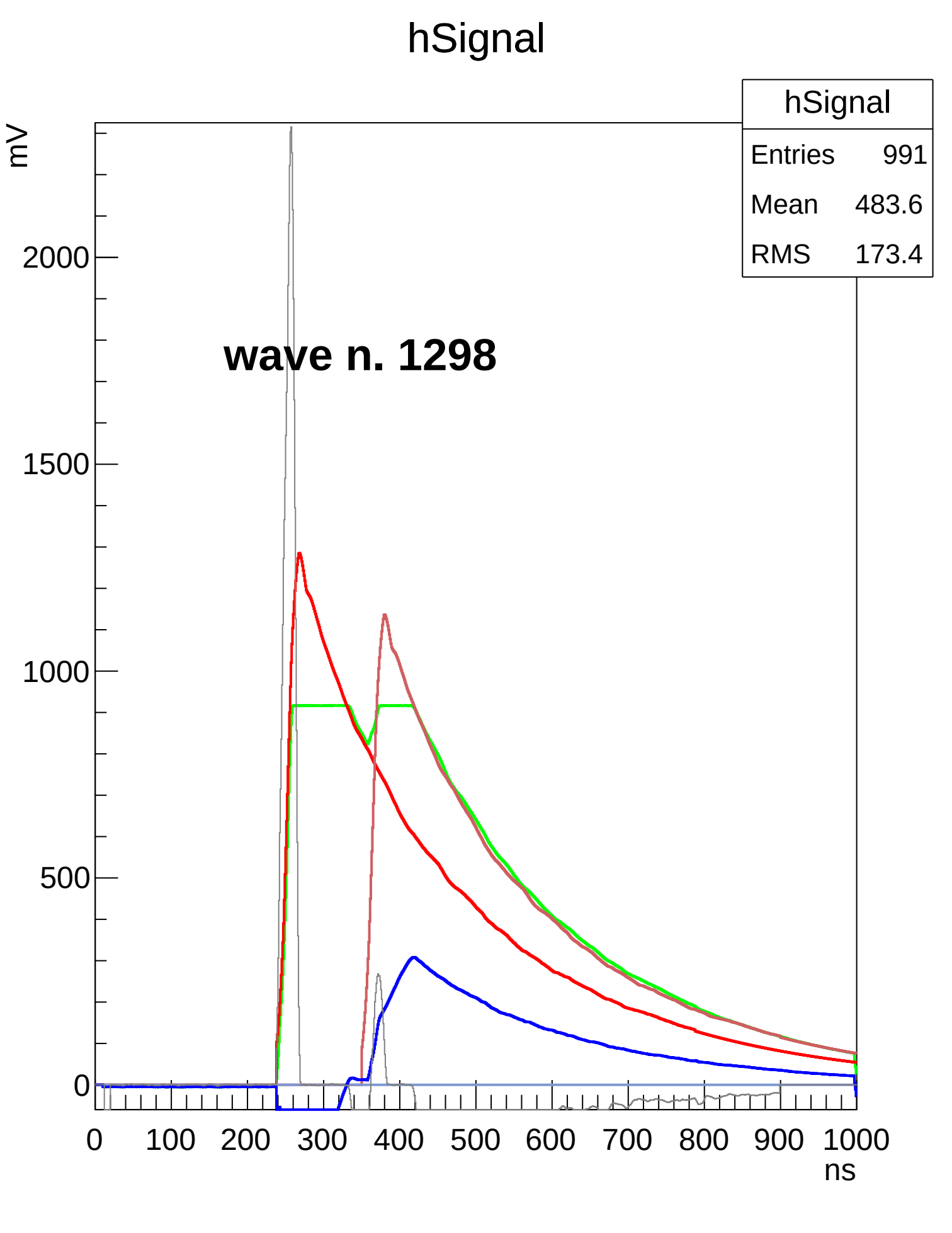
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hSignal
Entries 991
Mean 483.6
RMS 173.4
wave n. 1298
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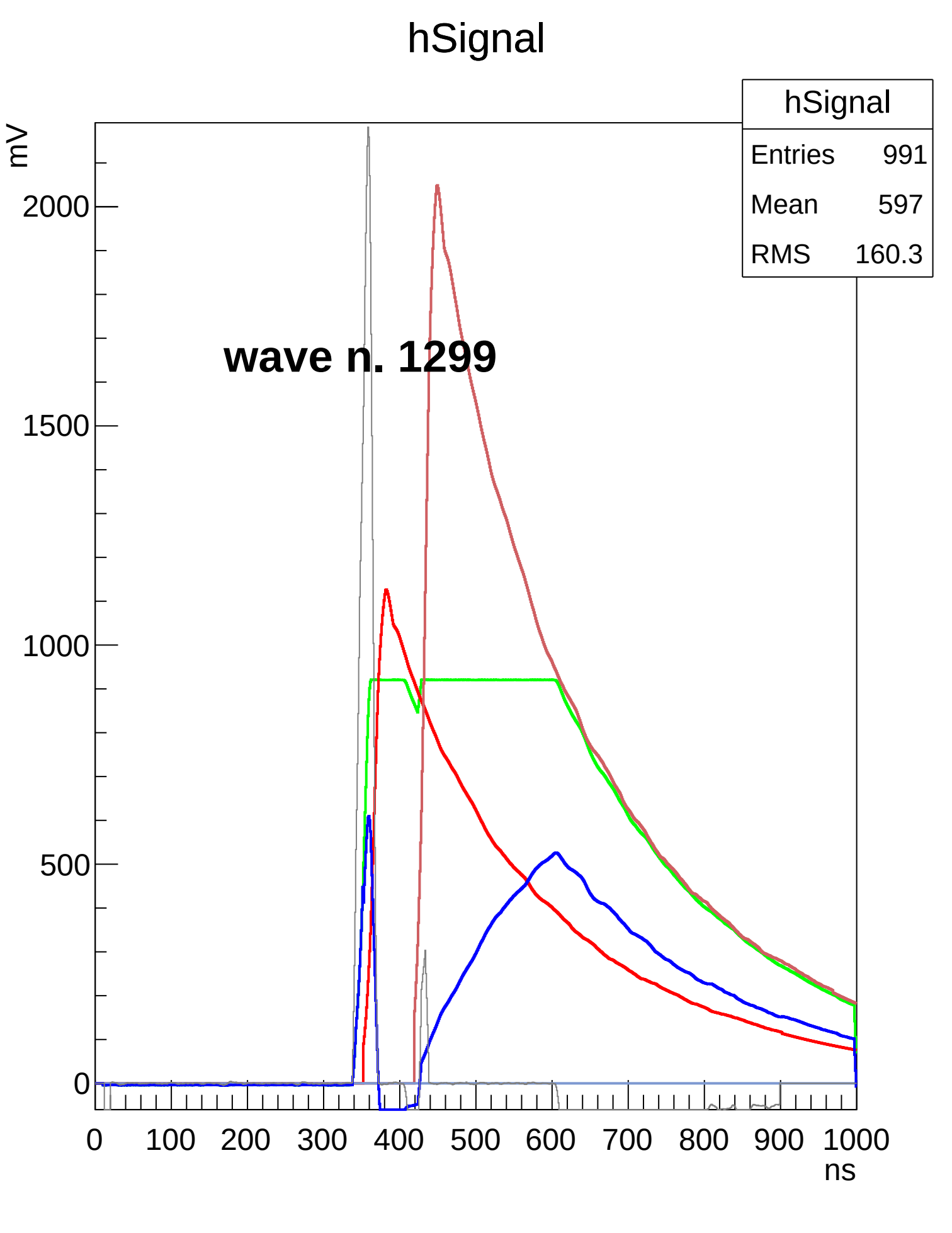
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Entries 991
Mean 597
RMS 160.3
wave n. 1299
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500
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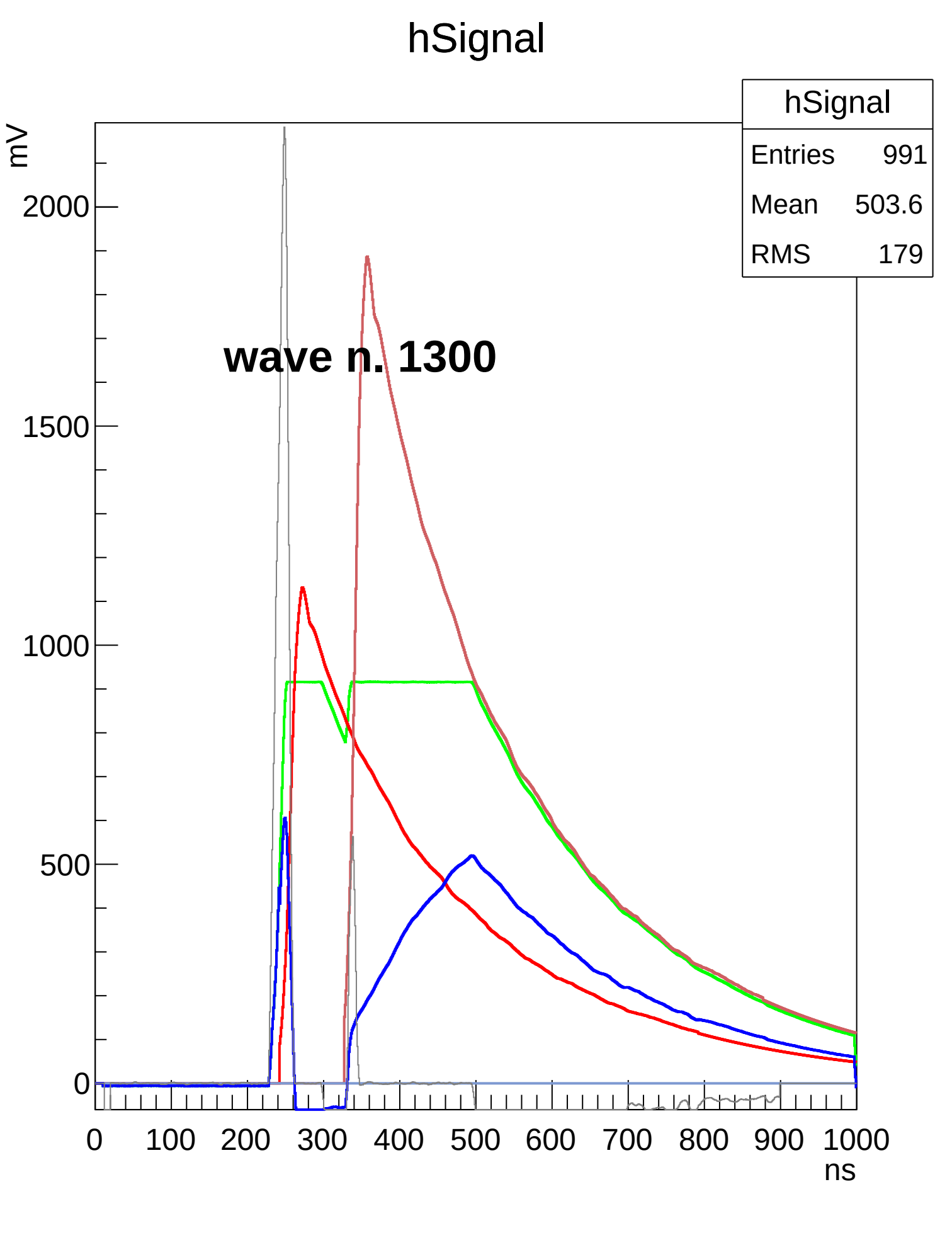
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hSignal
Entries 991
Mean 503.6
RMS 179
wave n. 1300
mV
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1500
1000
500
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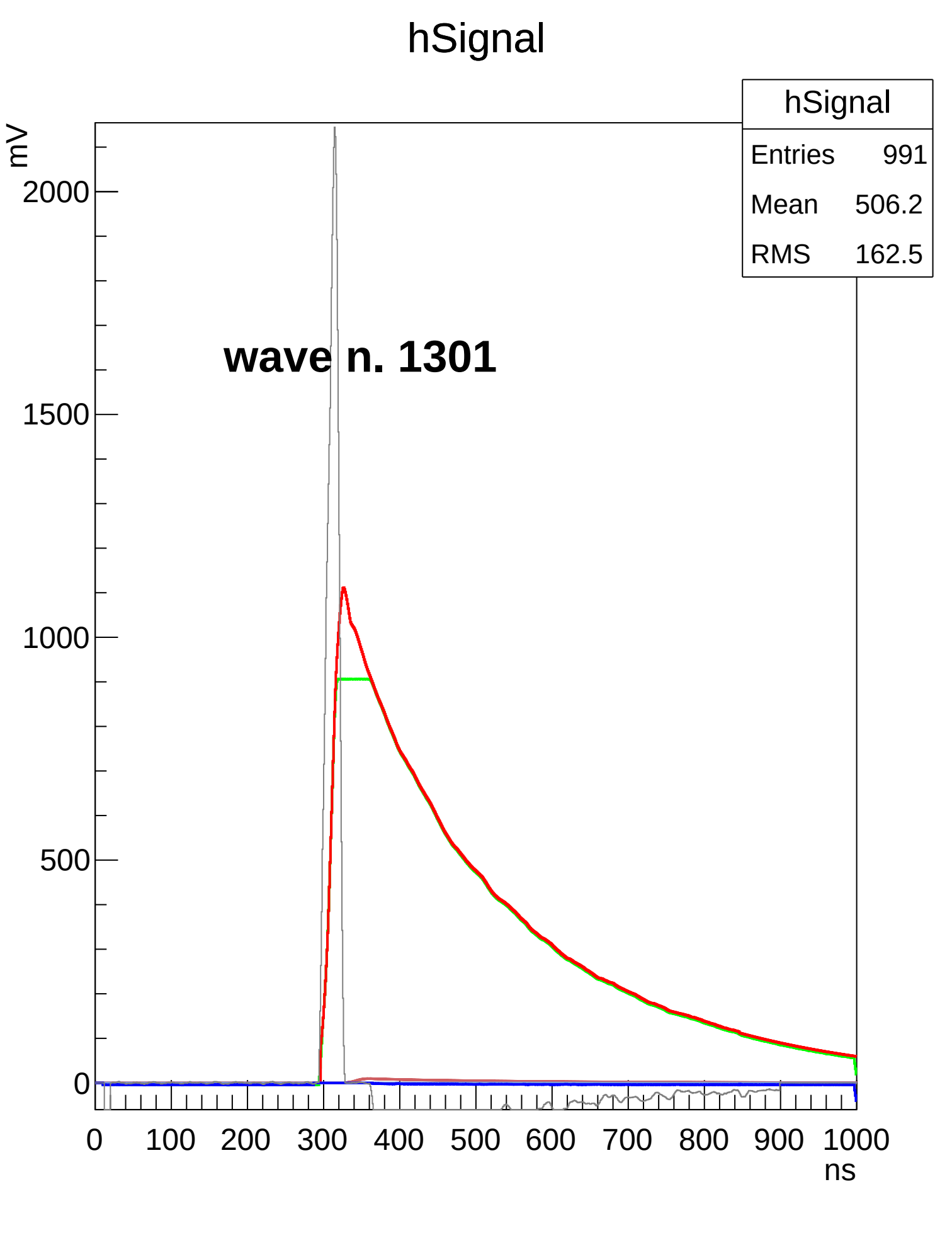
ns


hSignal
hSignal
Entries 991
Mean 506.2
RMS 162.5
wave n. 1301
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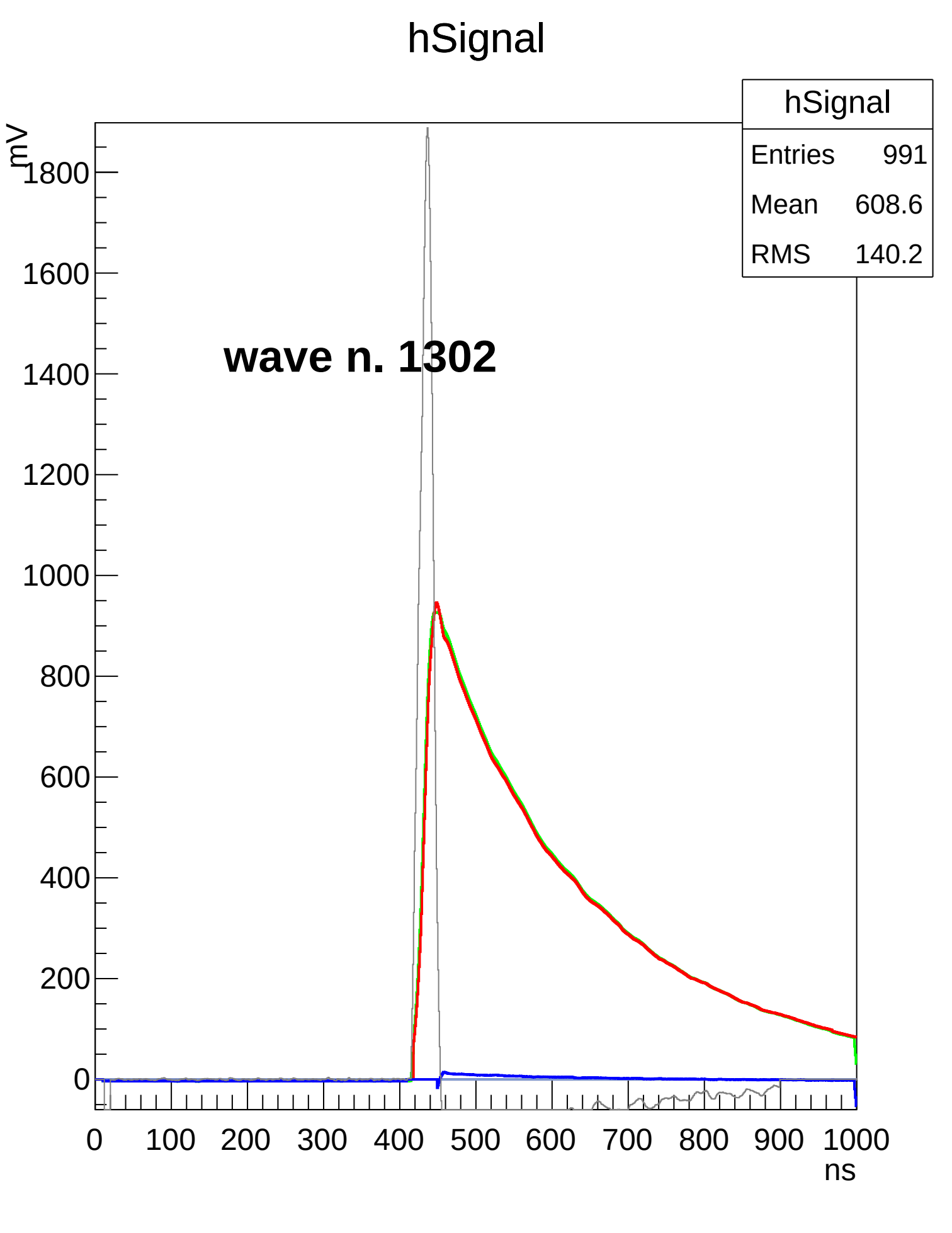
1000
ns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hSignal
Entries 991
Mean 608.6
RMS 140.2
wave n. 1302
mV
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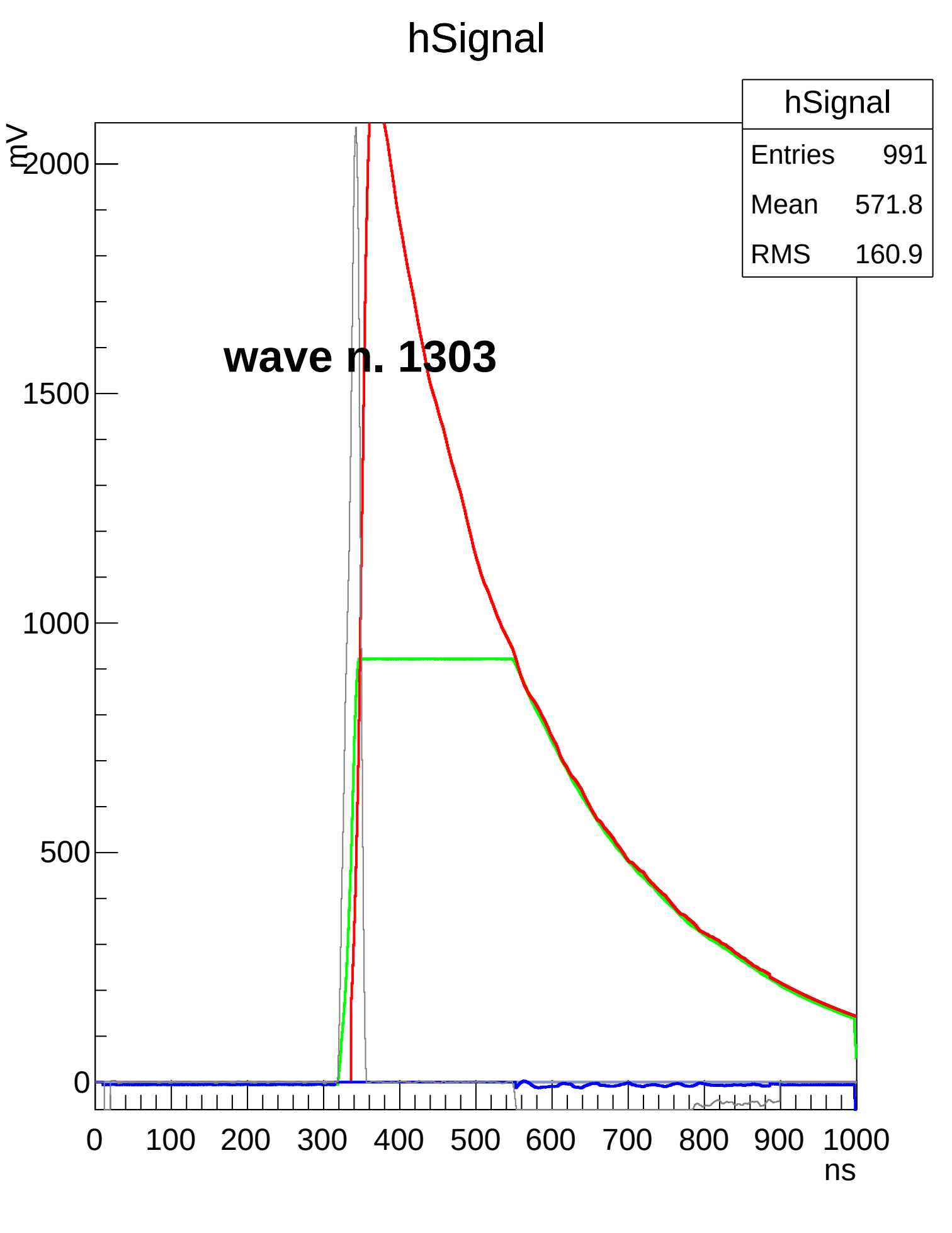
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Entries 991
Mean 571.8
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wave n. 1303
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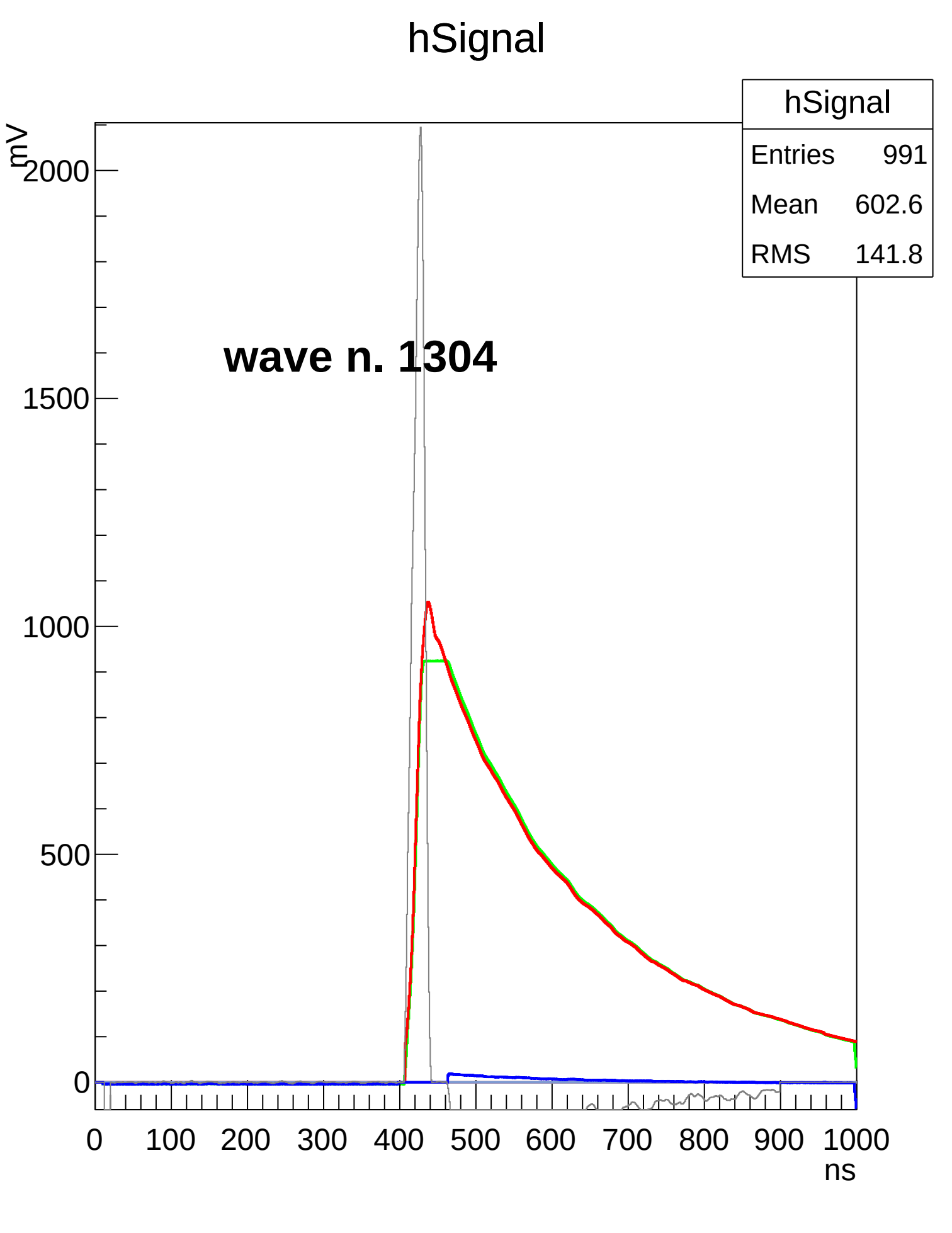
hSignal
hSignal
Entries 991
Mean 602.6
RMS 141.8
wave n. 1304
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800
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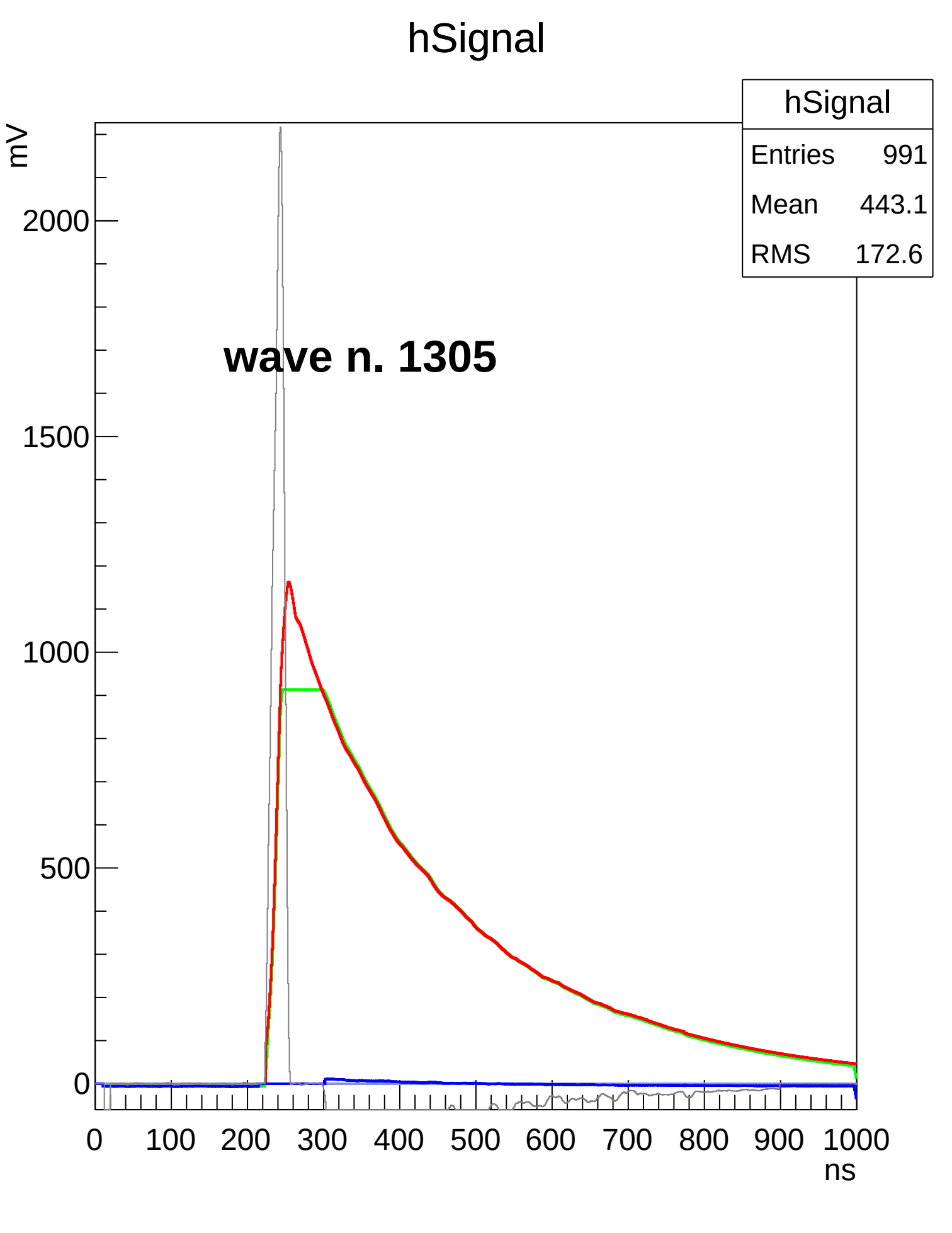
hSignal
hSignal
Entries 991
Mean 443.1
RMS 172.6
wave n. 1305
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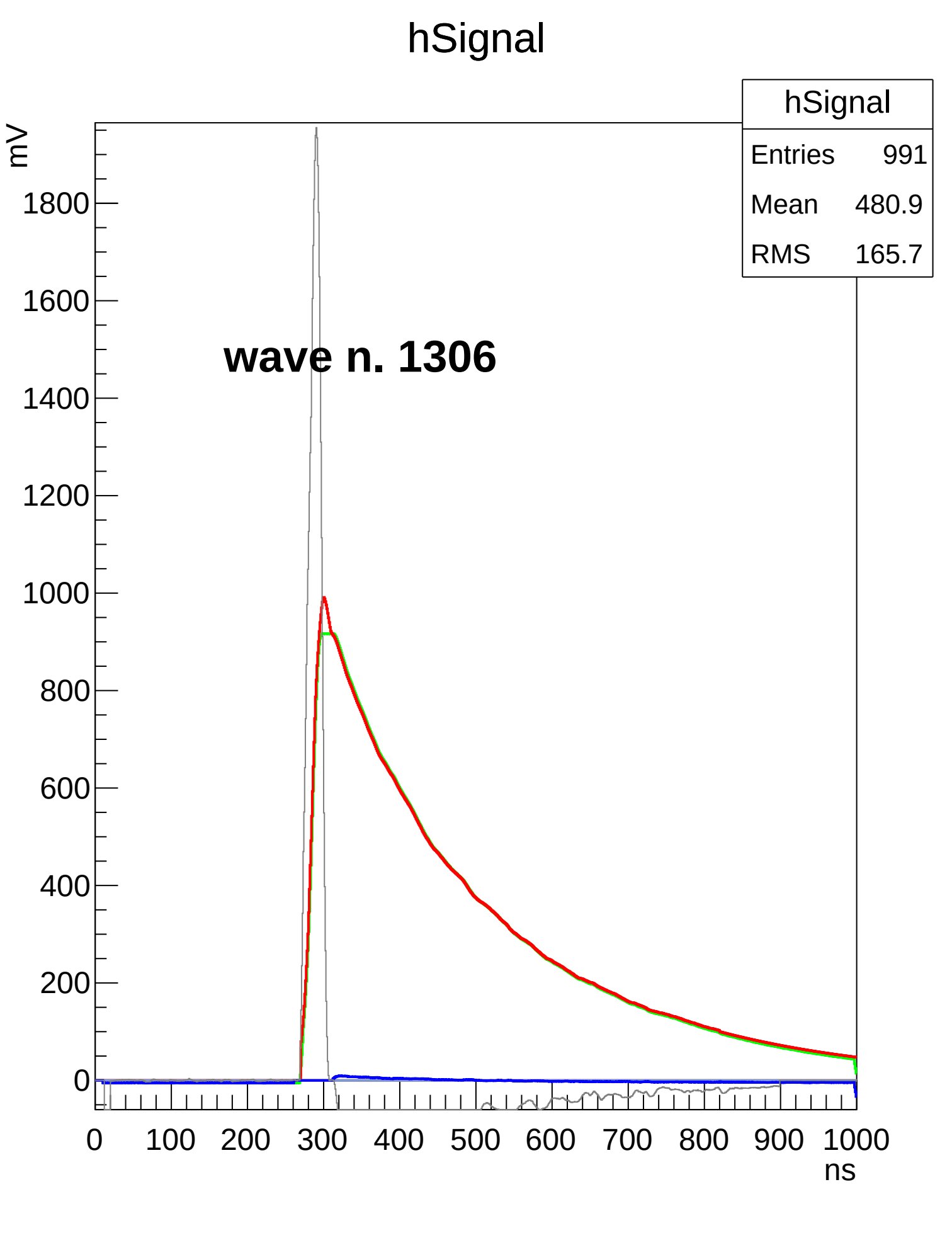
hSignal
hSignal
Entries 991
Mean 480.9
RMS 165.7
wave n. 1306
mV
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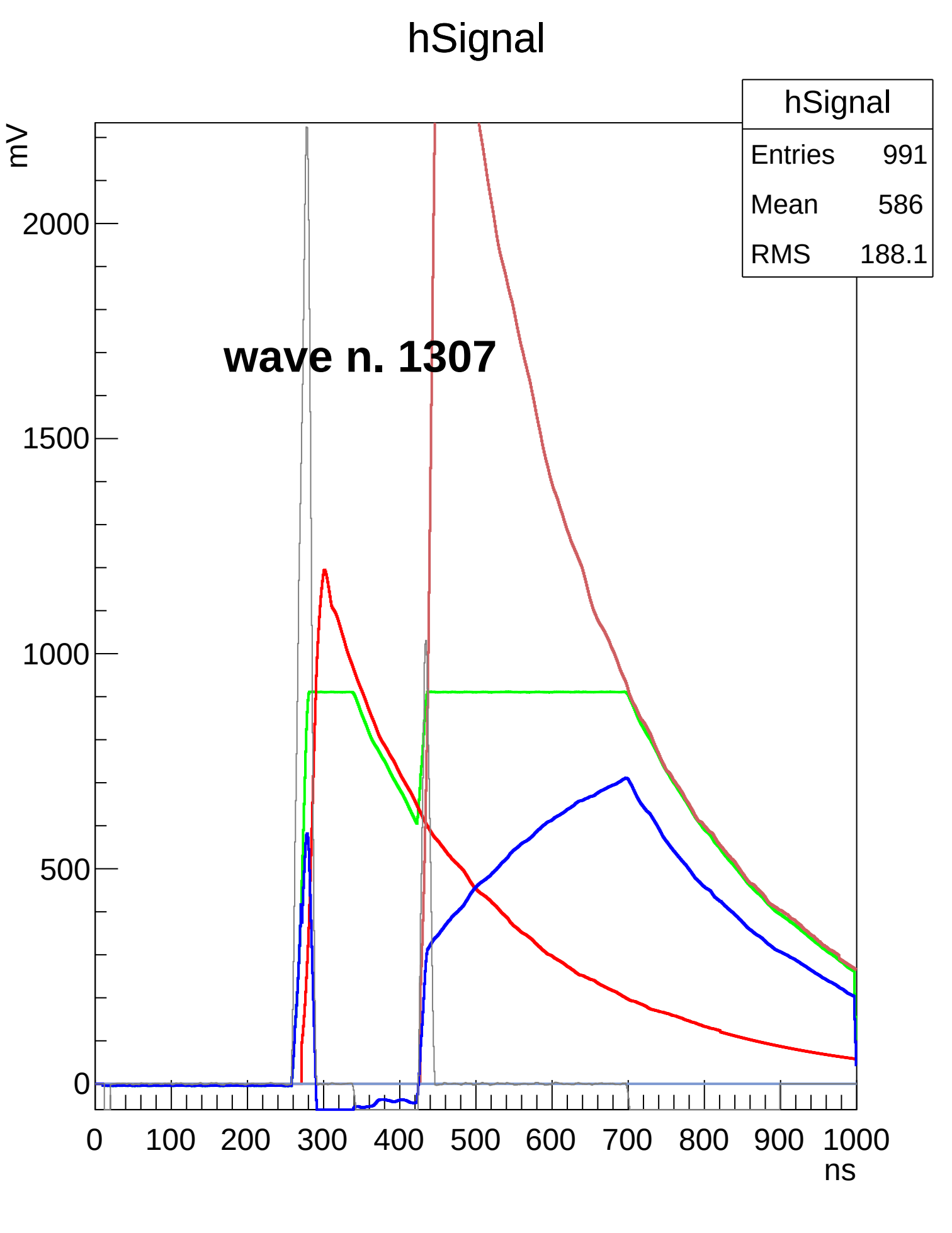
1000
ns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hSignal
Entries 991
Mean 586
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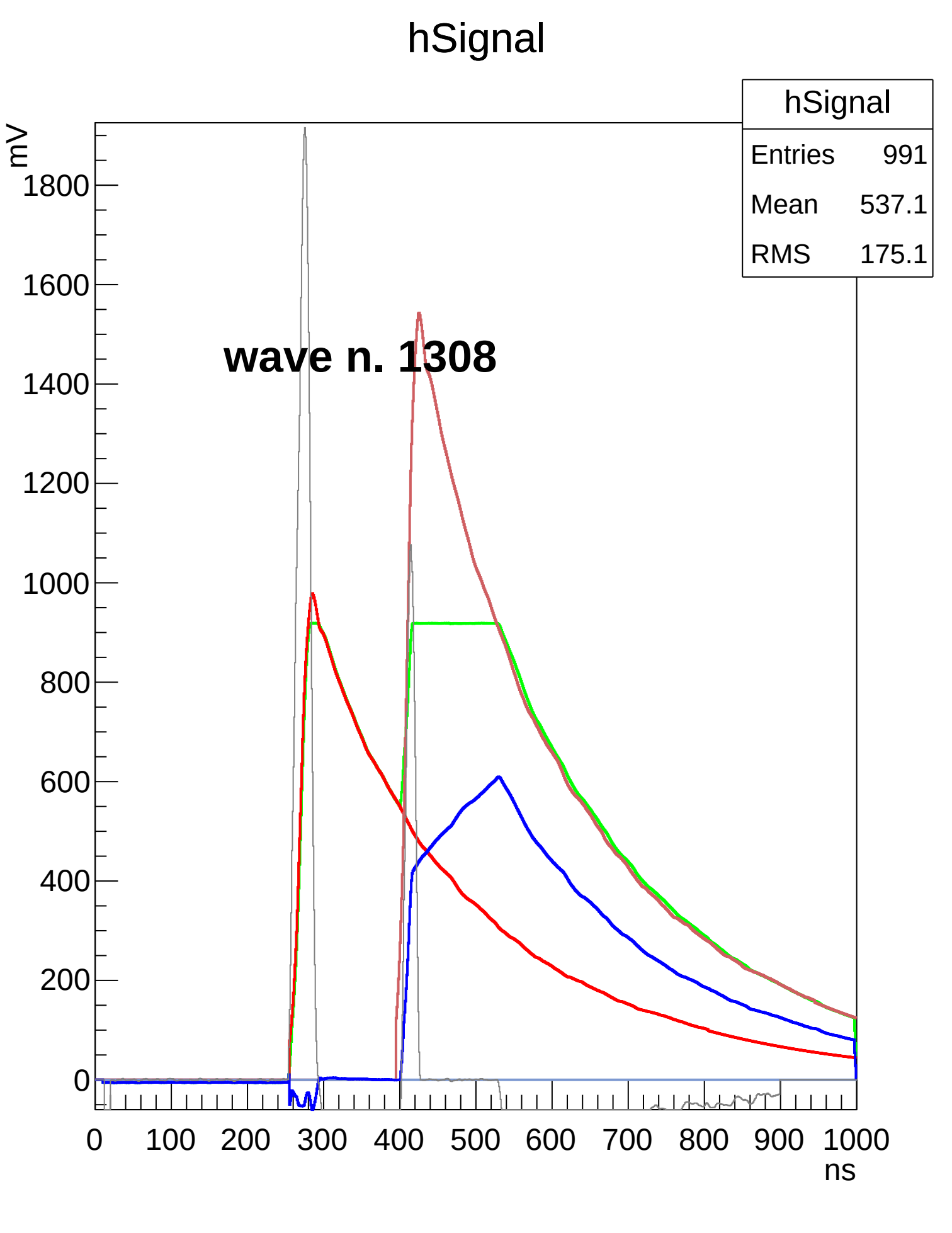
ns


hSignal
hSignal
Entries 991
Mean 537.1
RMS 175.1
wave n. 1308
mV
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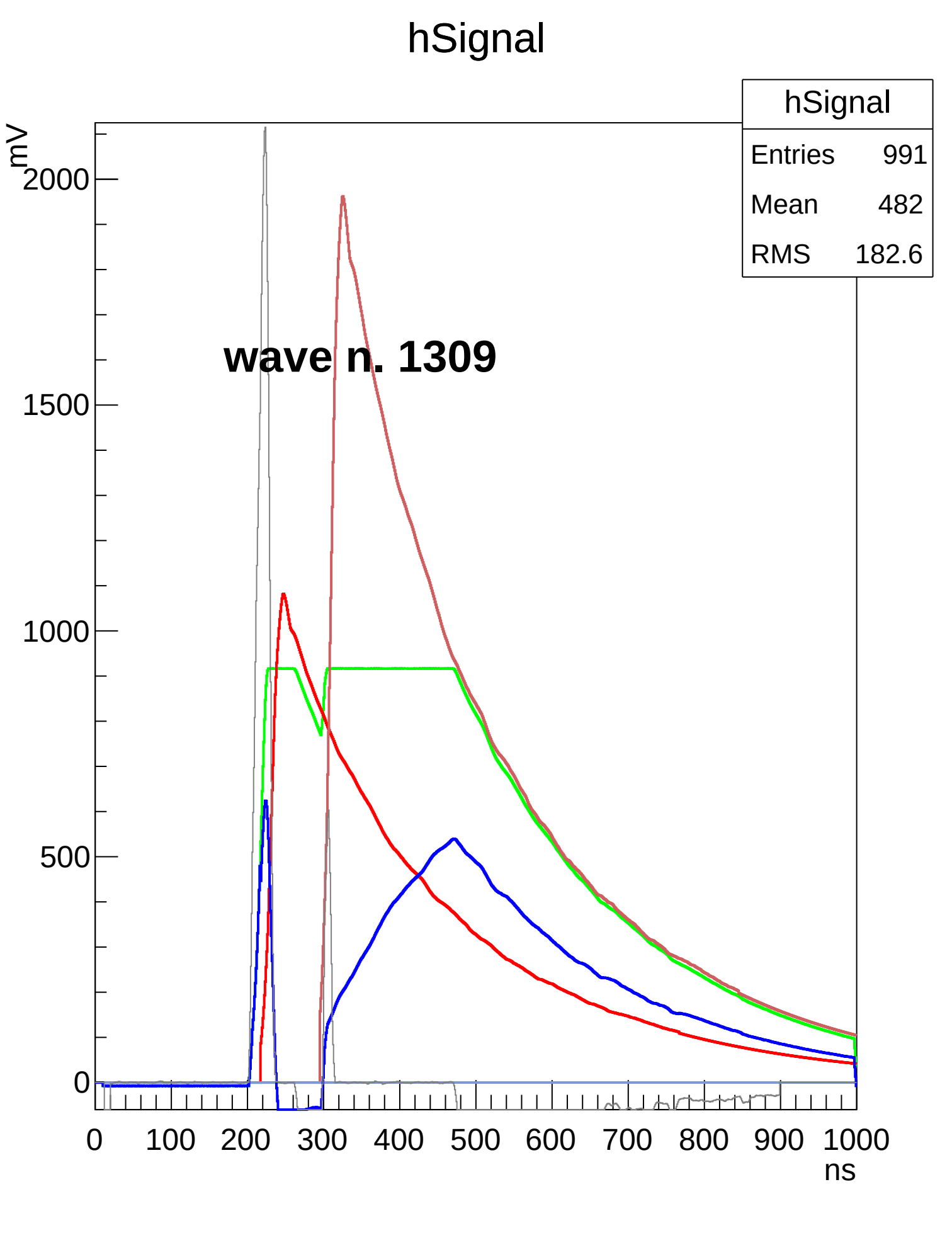
hSignal
hSignal
Entries 991
Mean 482
RMS 182.6
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1000
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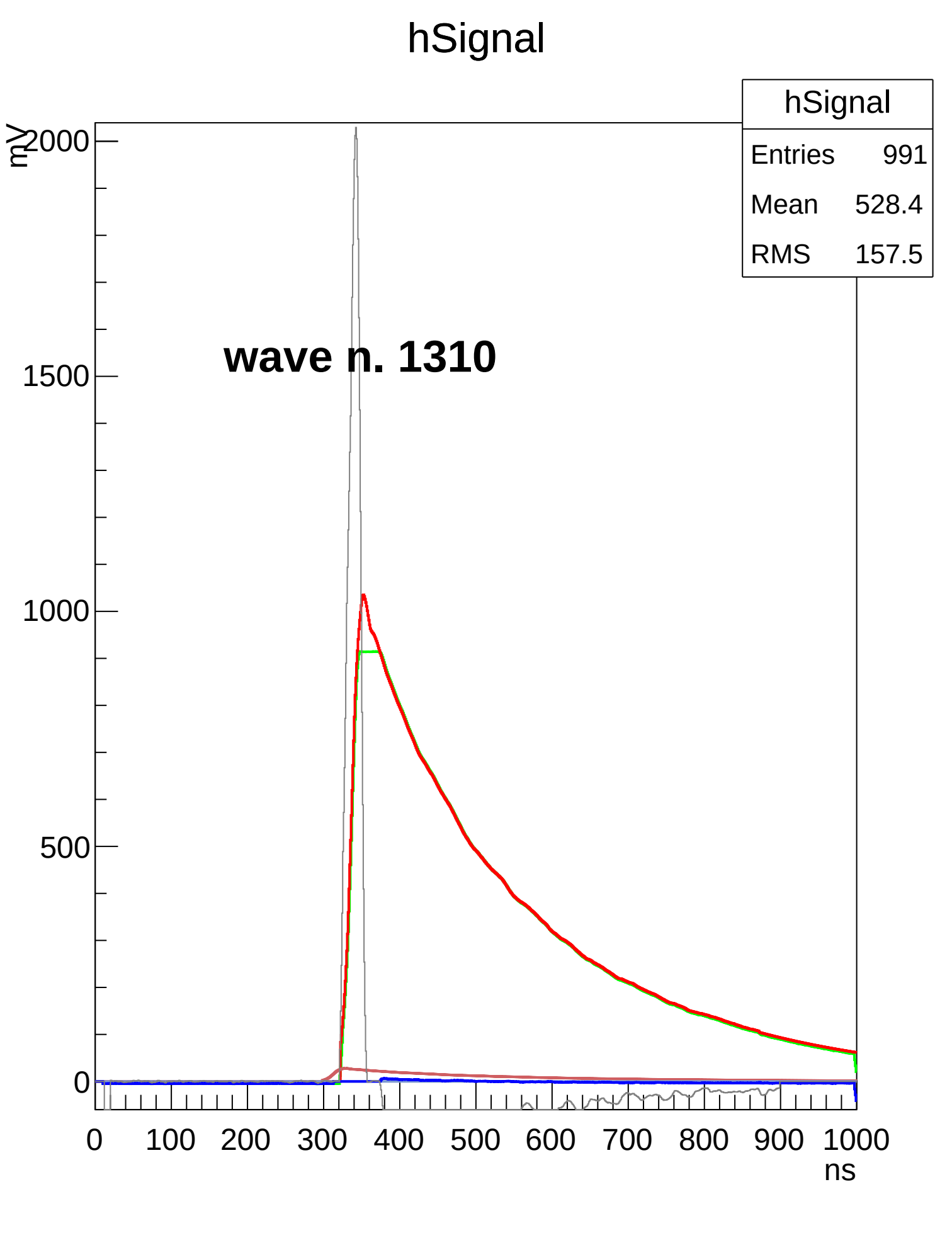
hSignal
hSignal
Entries 991
Mean 528.4
RMS 157.5
wave n. 1310
mV
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1000
500
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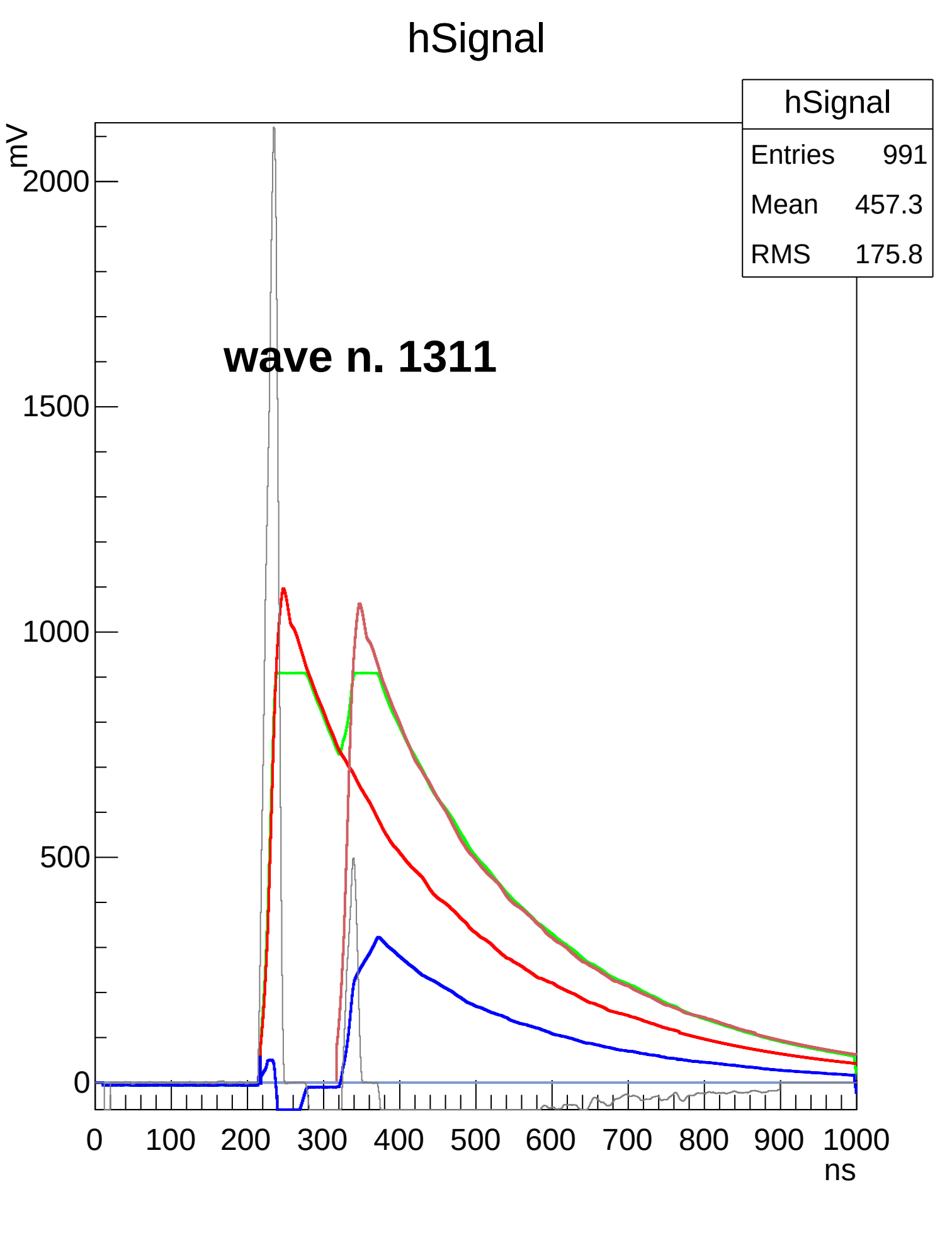
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 457.3
RMS 175.8
wave n. 1311
mV
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1500
1000
500
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0
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200
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400
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700
800
900
1000
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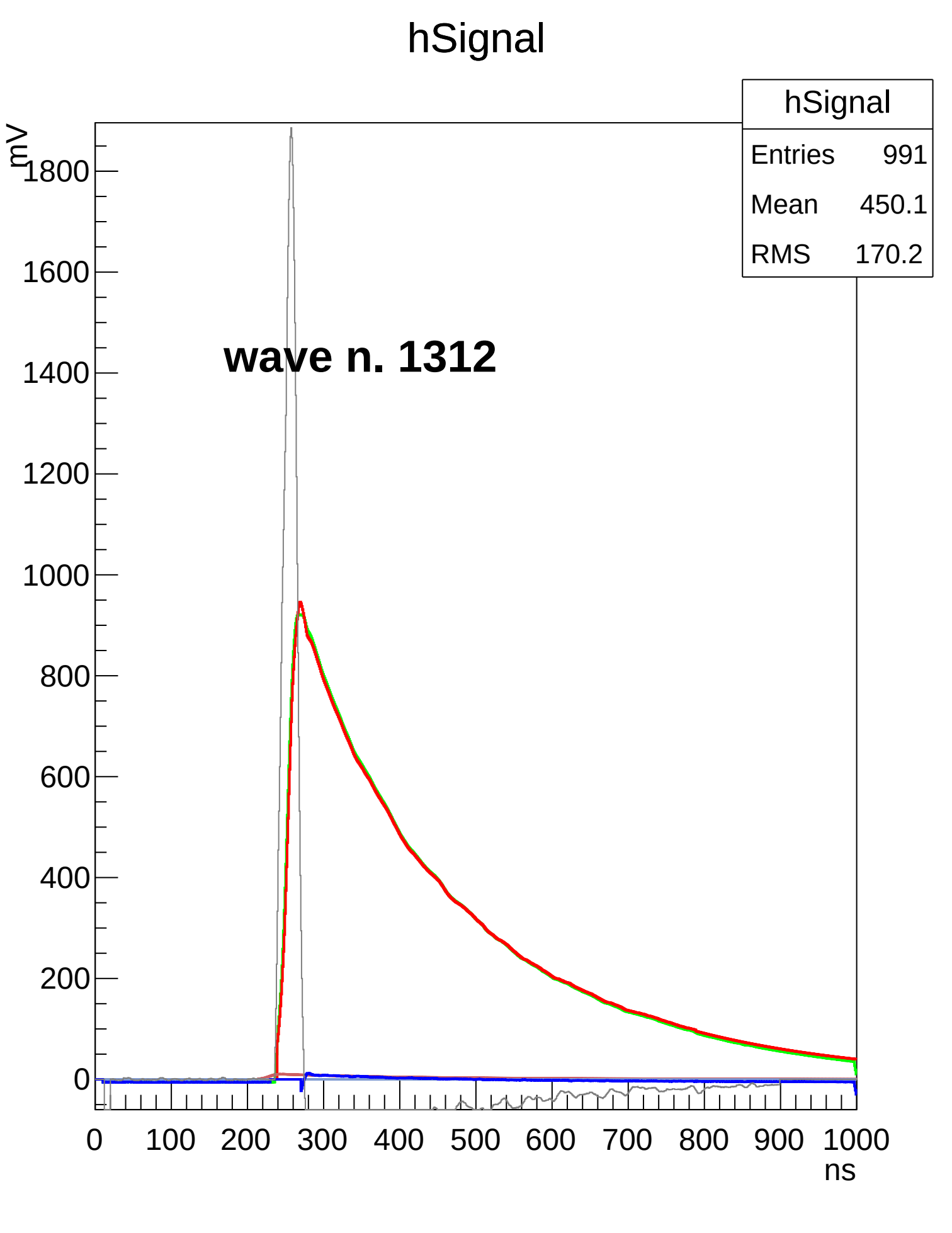
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Entries 991
Mean 450.1
RMS 170.2
wave n. 1312
mV
1800
1600
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600
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1000
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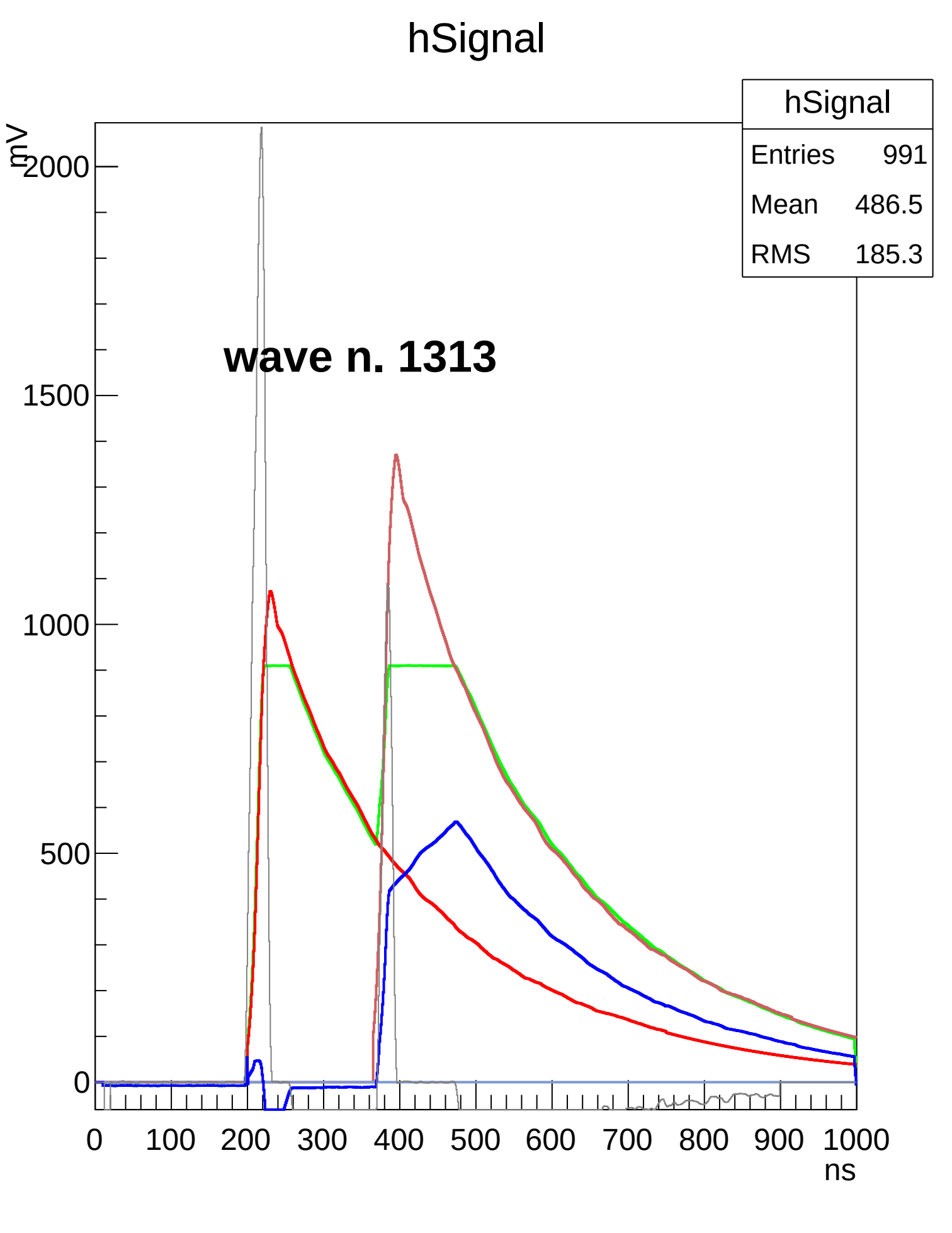
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Mean 486.5
RMS 185.3
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1000
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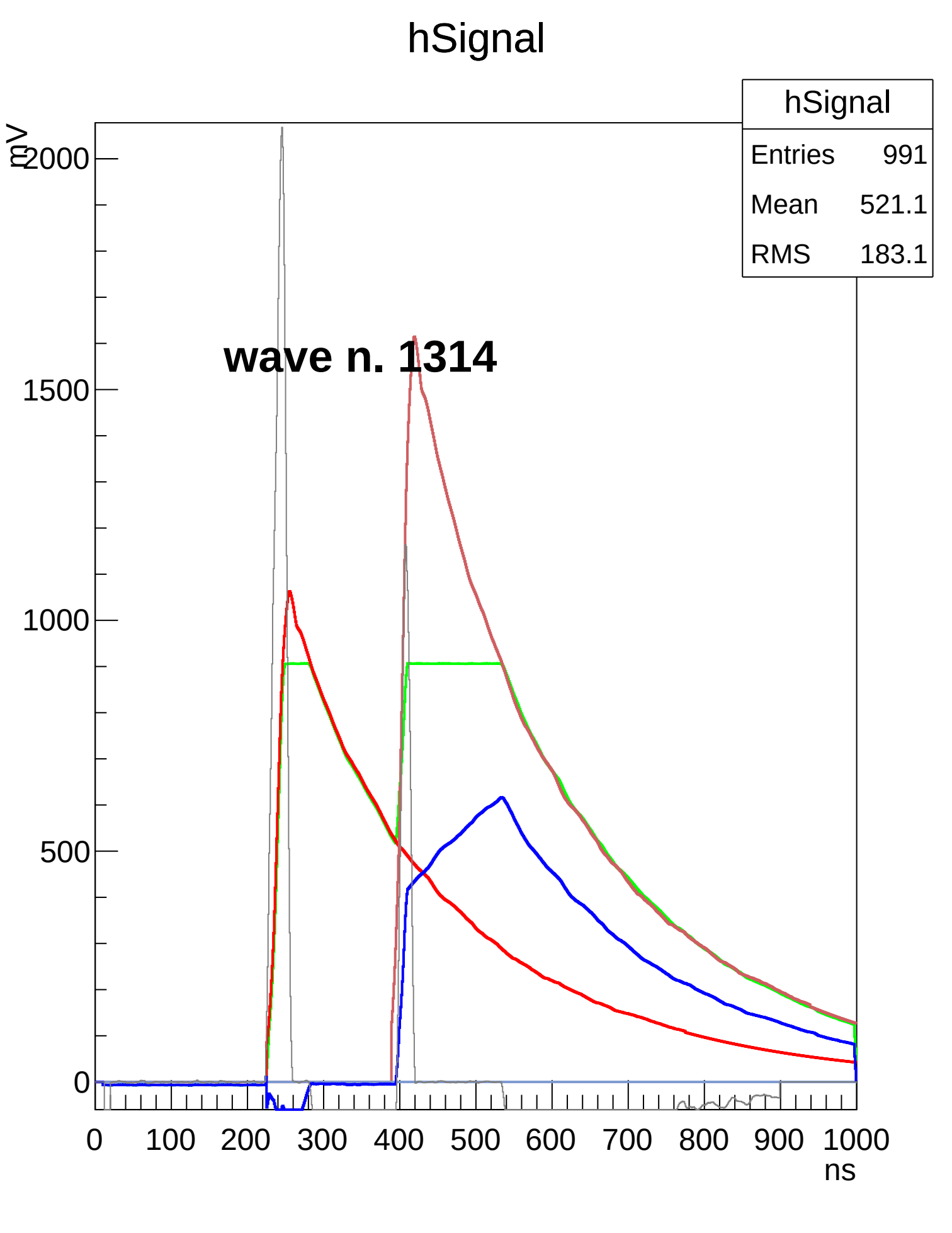
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hSignal
Entries 991
Mean 521.1
RMS 183.1
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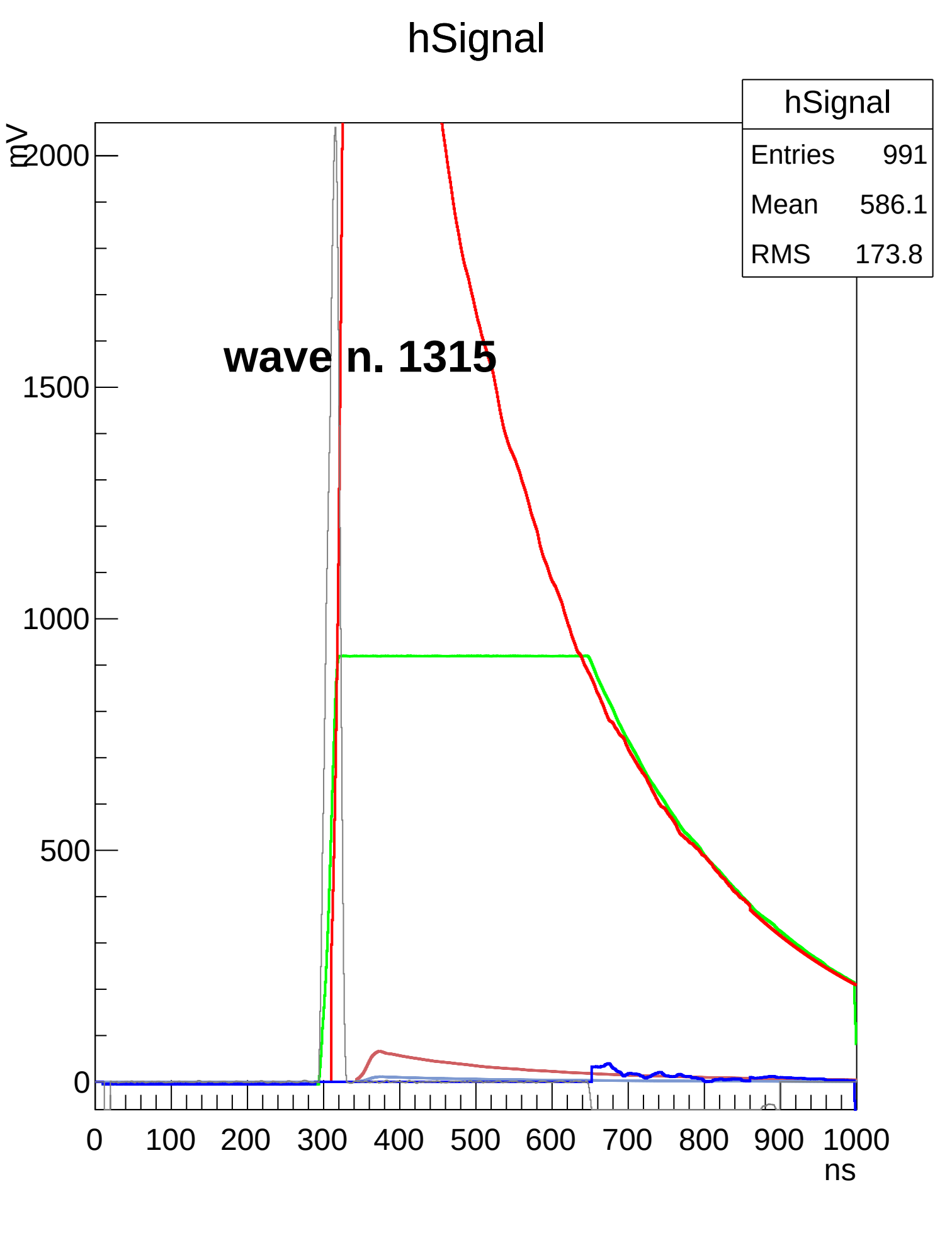
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hSignal
Entries 991
Mean 586.1
RMS 173.8
wave n. 1315
mV
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1000
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0
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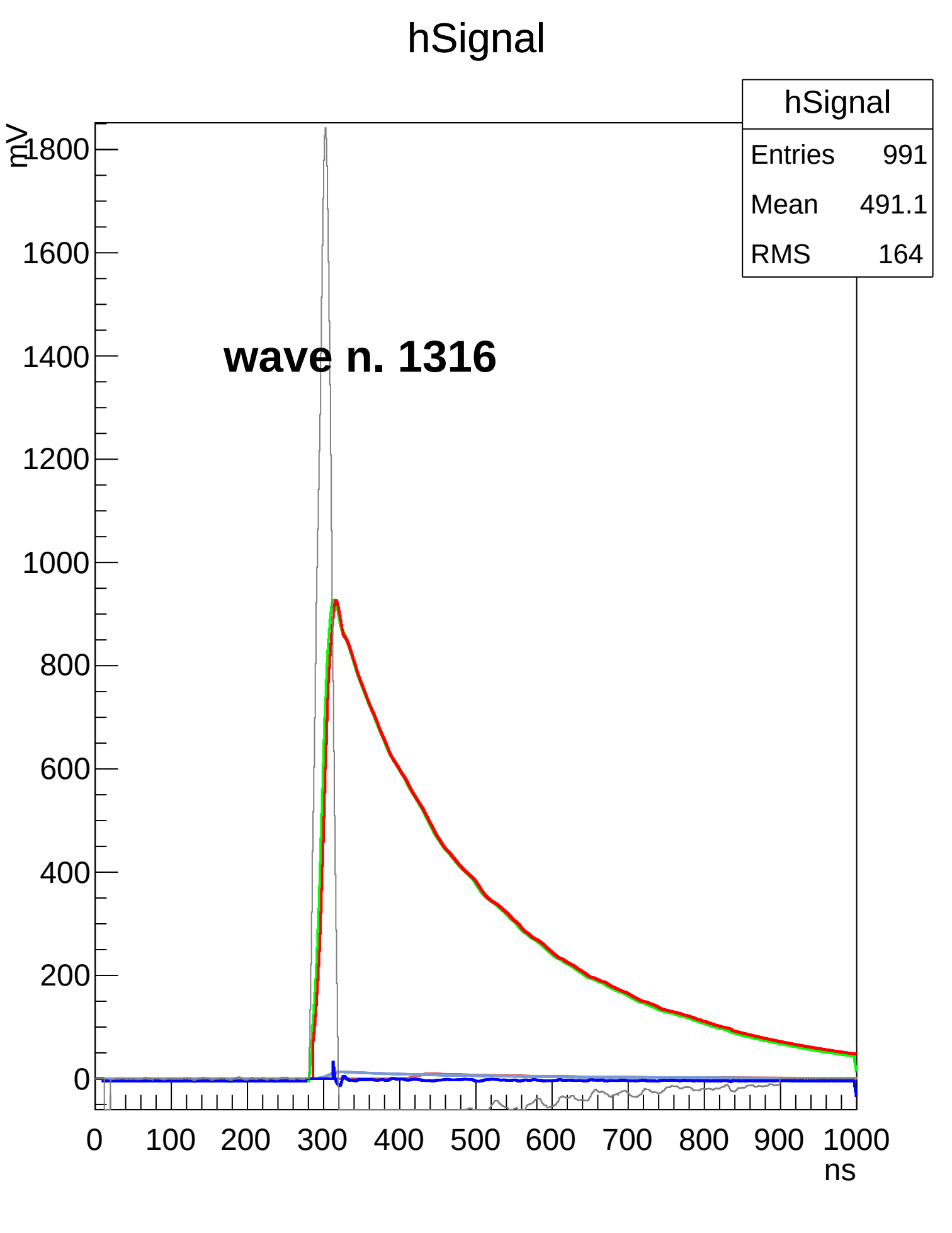
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hSignal
Entries 991
Mean 491.1
RMS 164
wave n. 1316
mV
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1600
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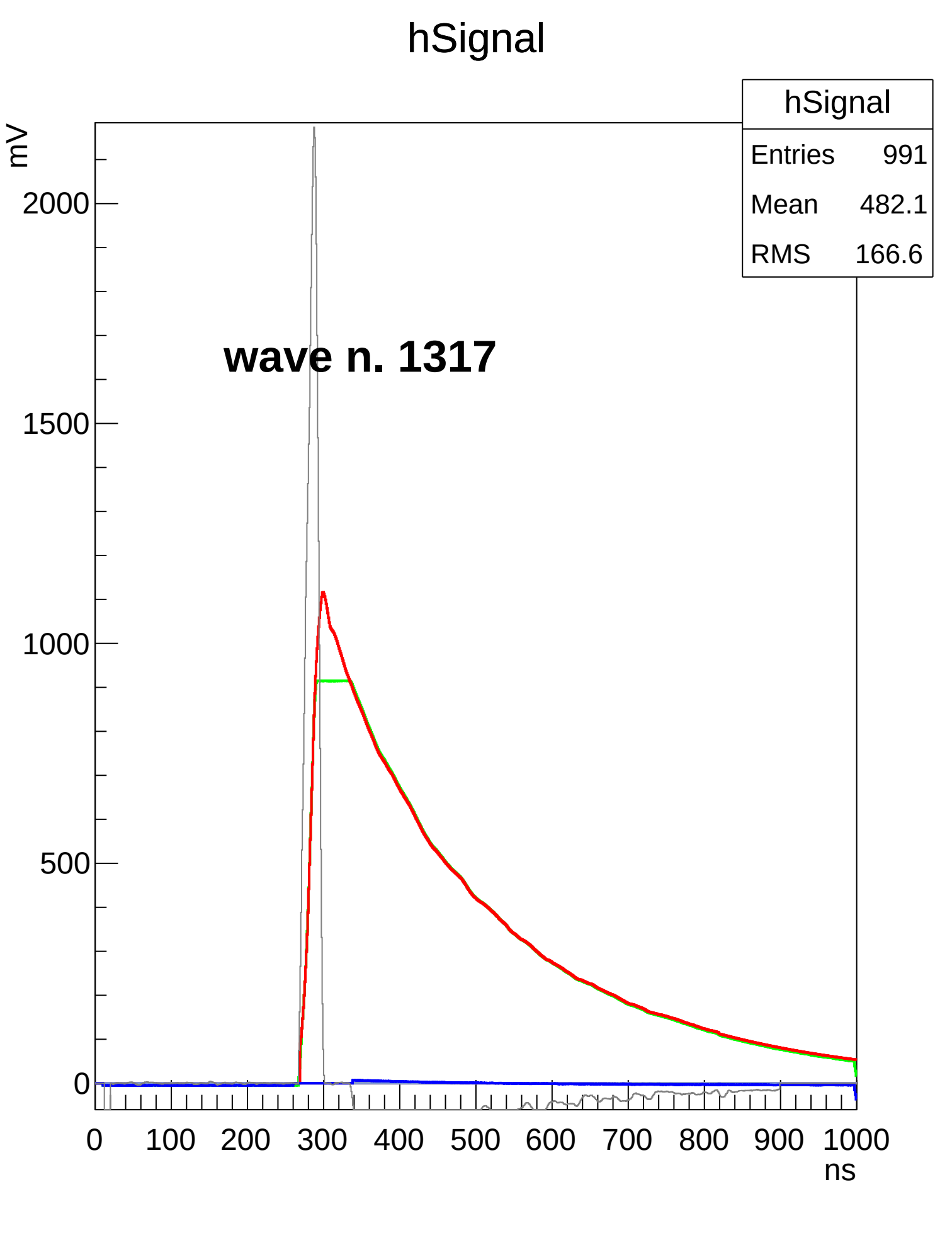
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hSignal
Entries 991
Mean 482.1
RMS 166.6
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mV
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0
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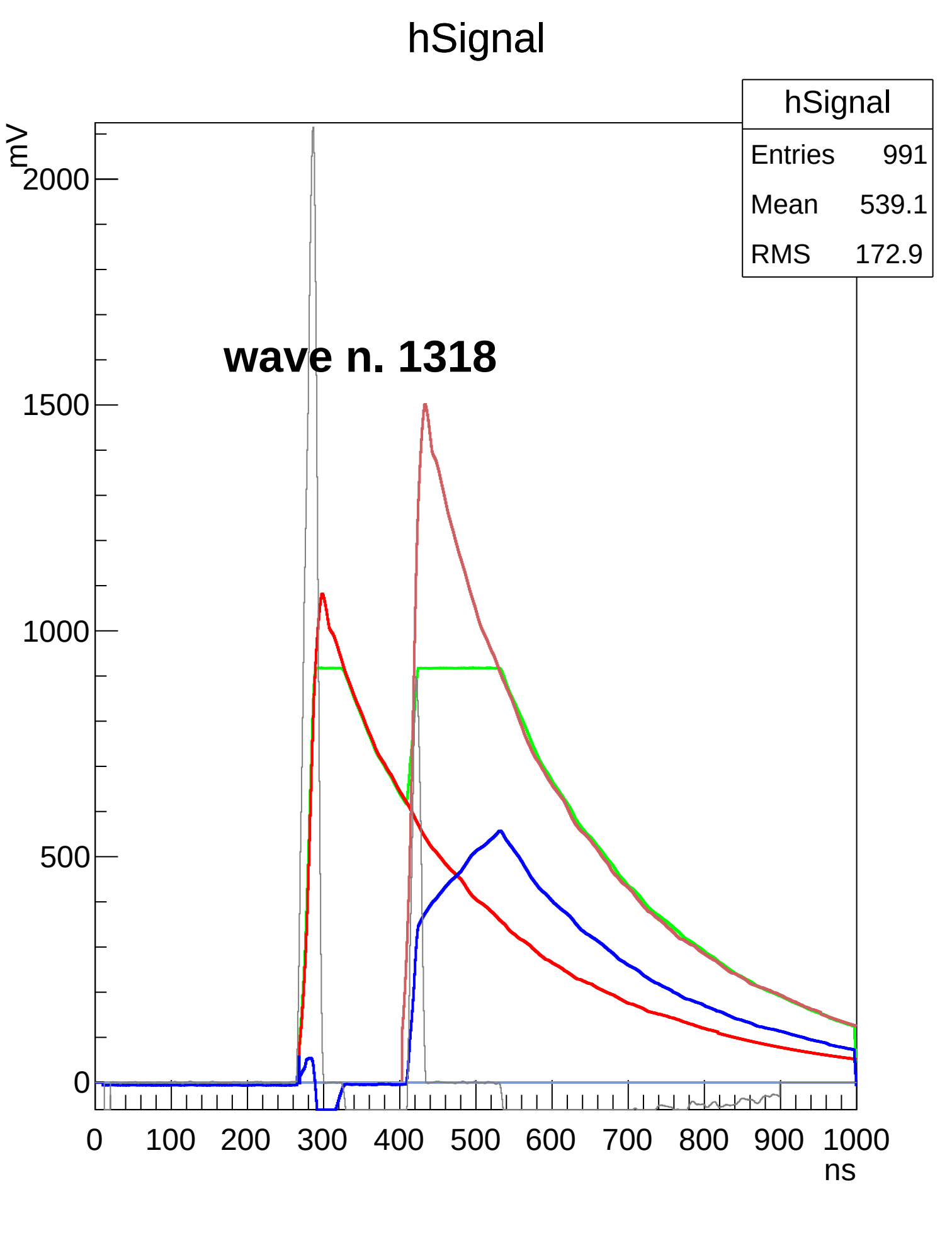
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hSignal
Entries 991
Mean 539.1
RMS 172.9
wave n. 1318
mV
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1500
1000
500
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0
100
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800
900
1000
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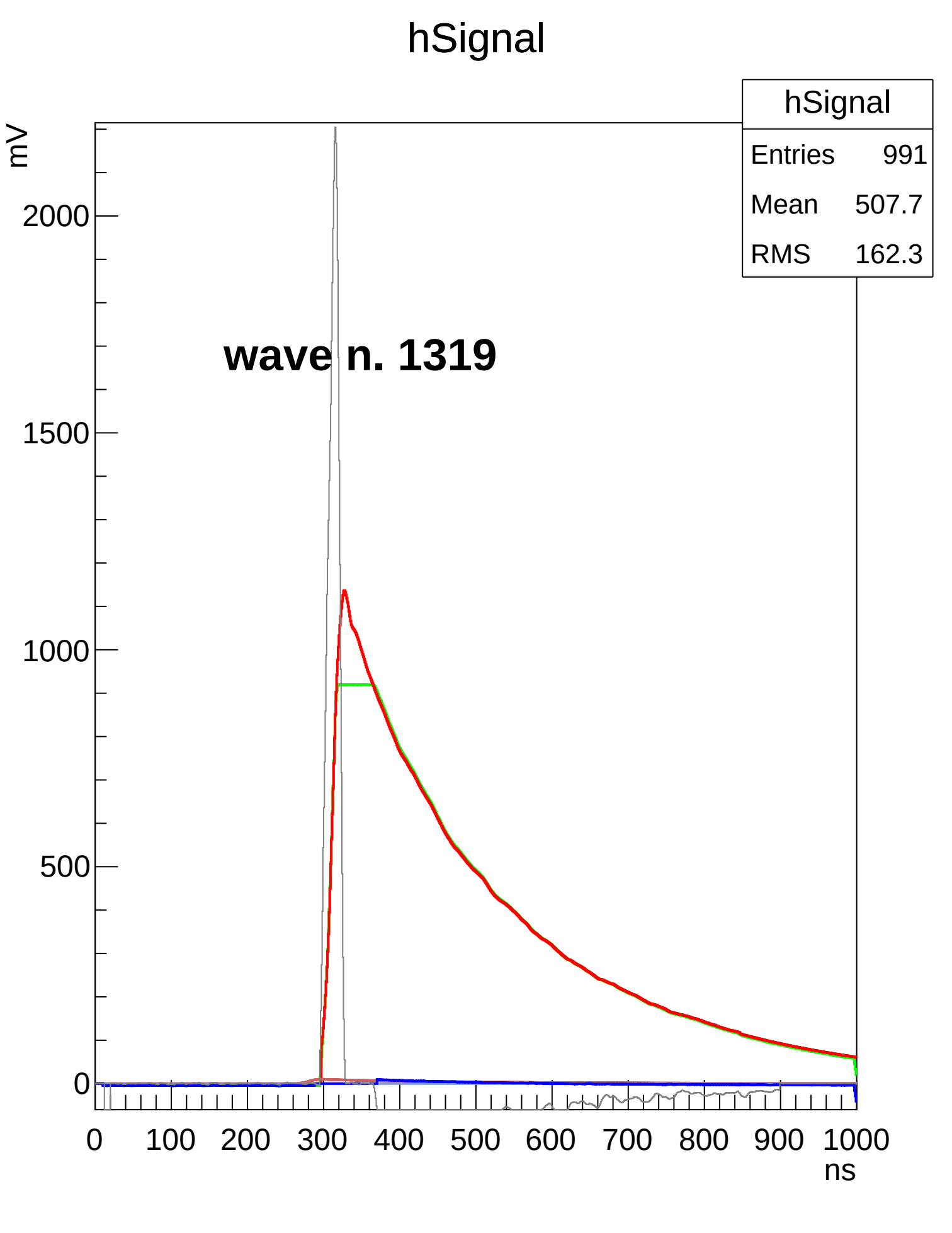
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hSignal
Entries 991
Mean 507.7
RMS 162.3
wave n. 1319
mV
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0
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1000
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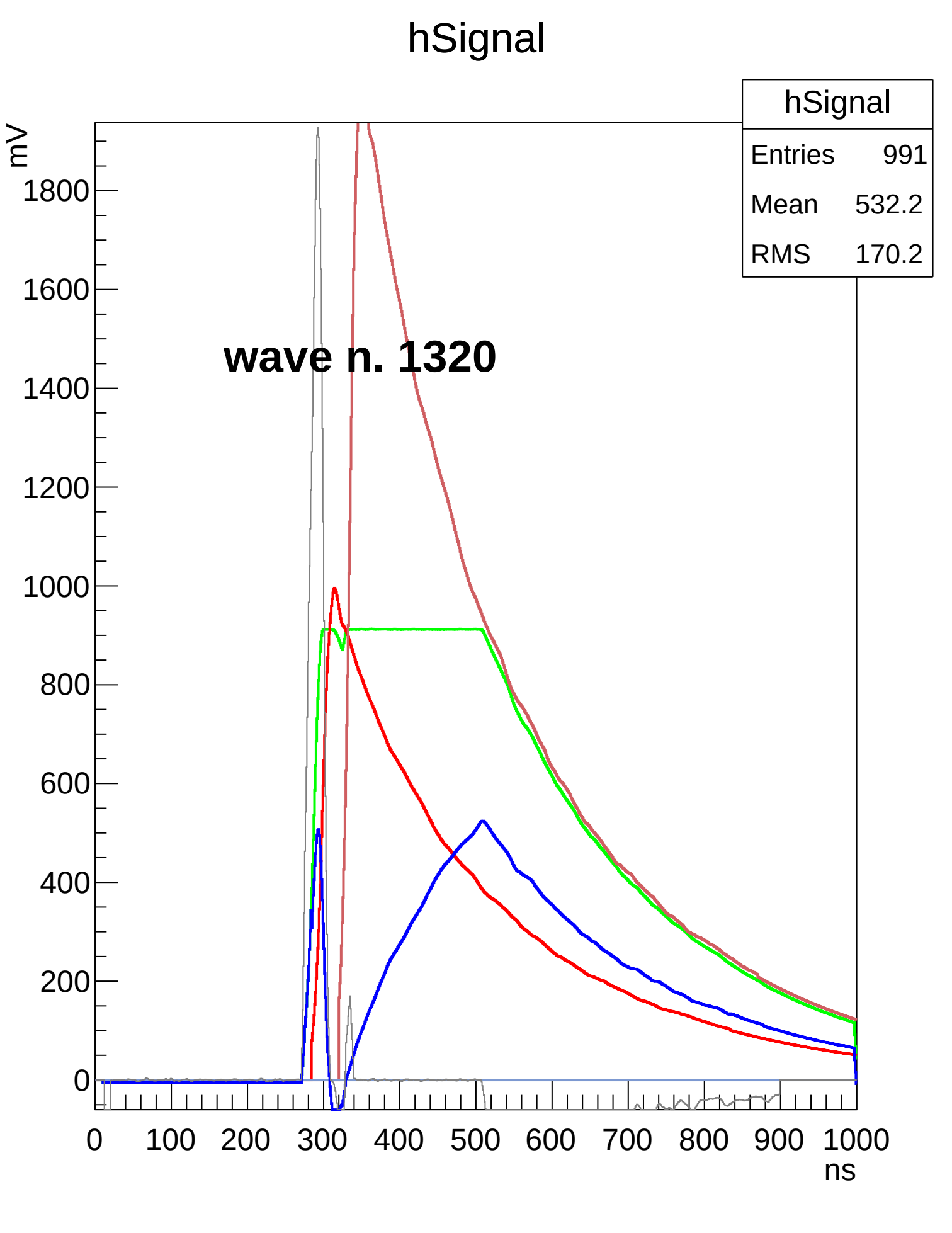
hSignal
hSignal
Entries 991
Mean 532.2
RMS 170.2
wave n. 1320
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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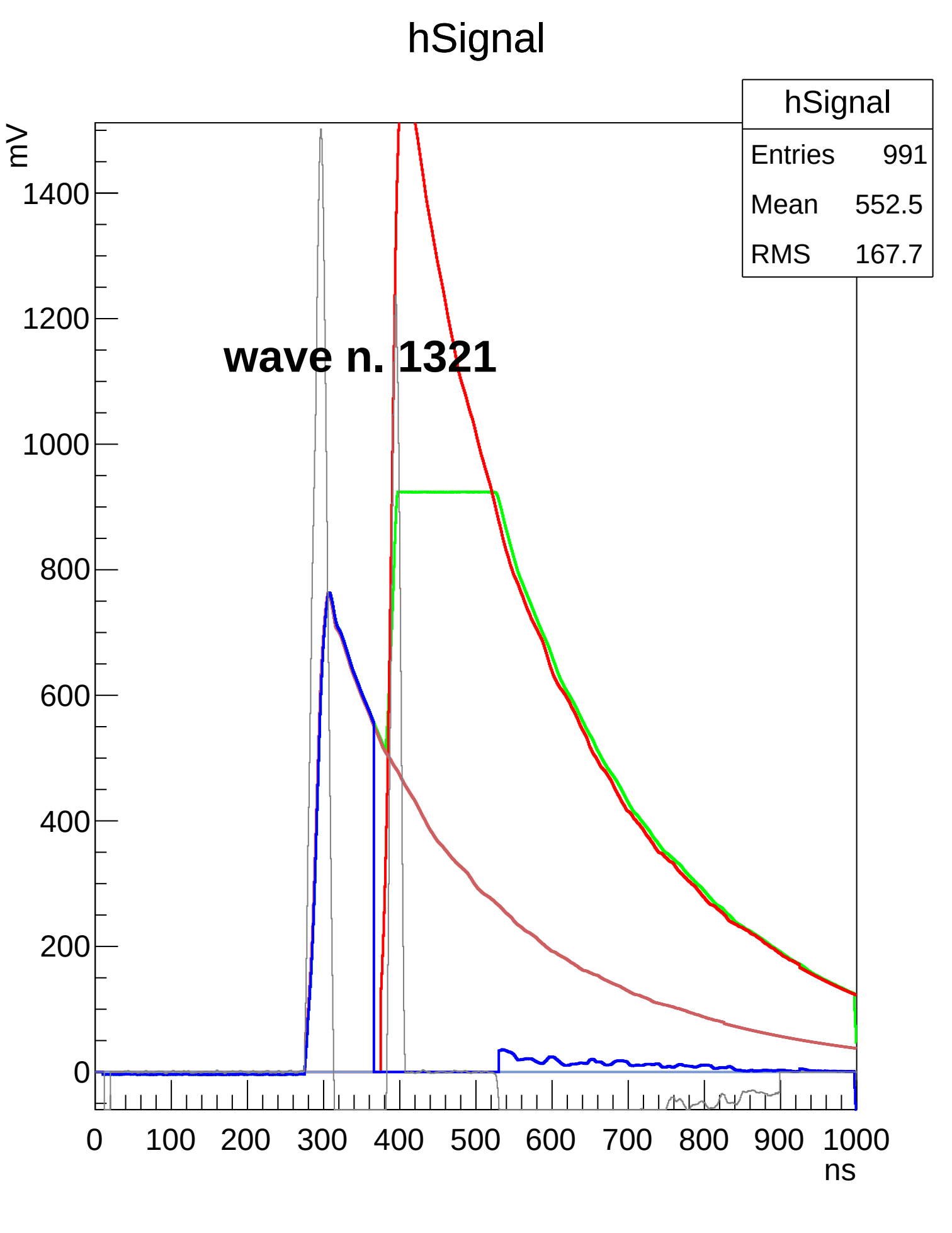
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.5
RMS 167.7
wave n. 1321
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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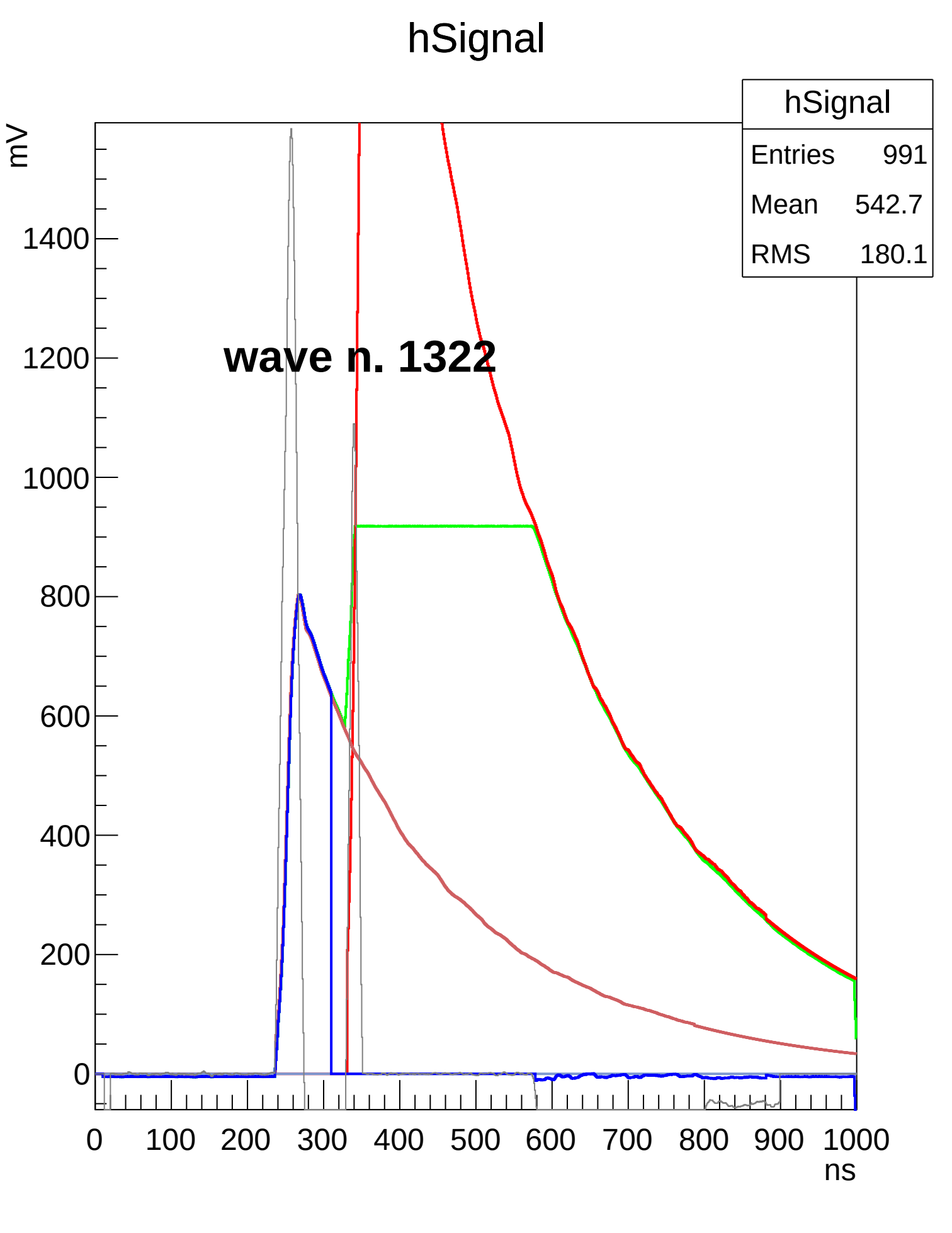
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.7
RMS 180.1
wave n. 1322
mV
1400
1200
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600
400
200
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0
100
200
300
400
500
600
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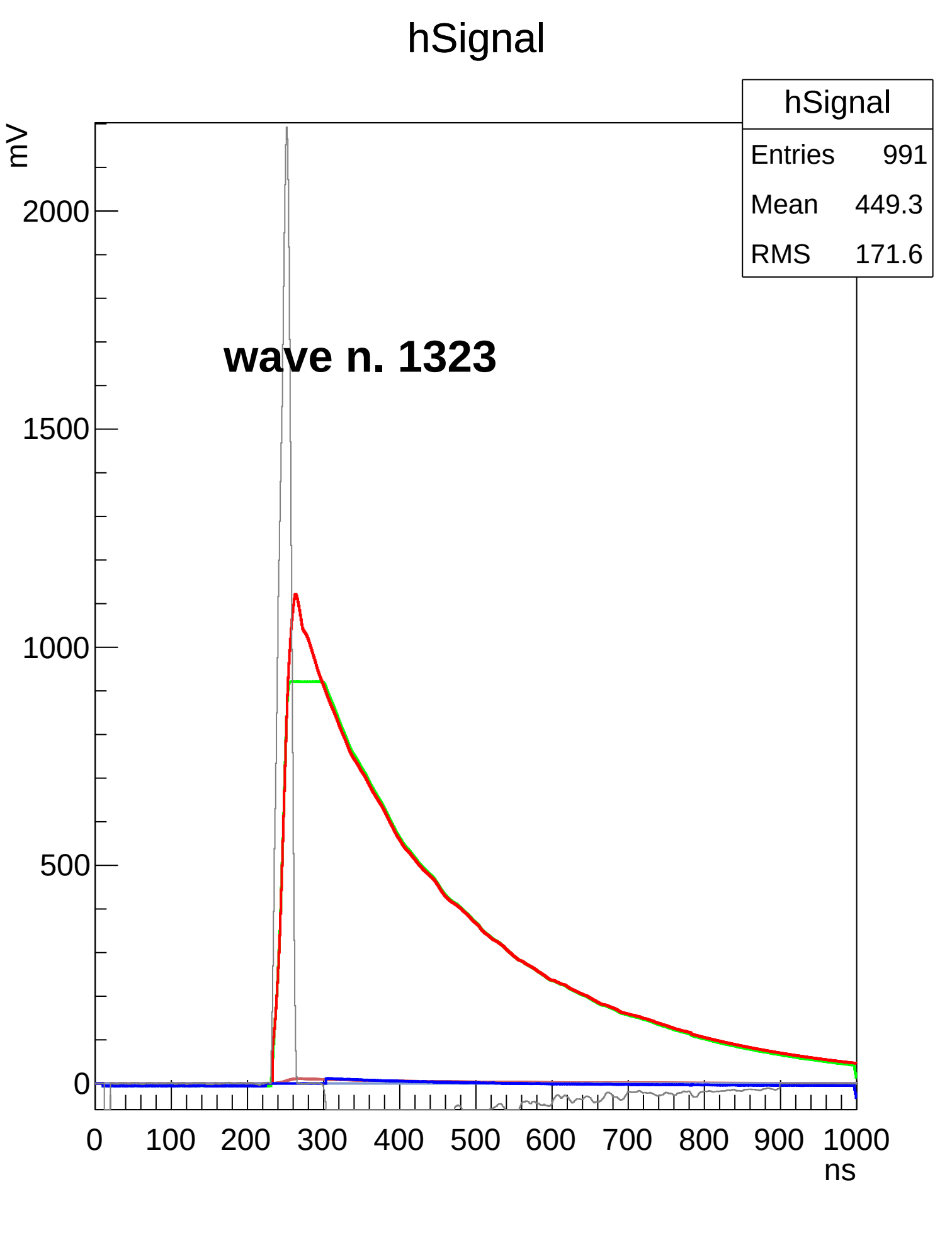
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 449.3
RMS 171.6
wave n. 1323
mV
2000
1500
1000
500
0
0
100
200
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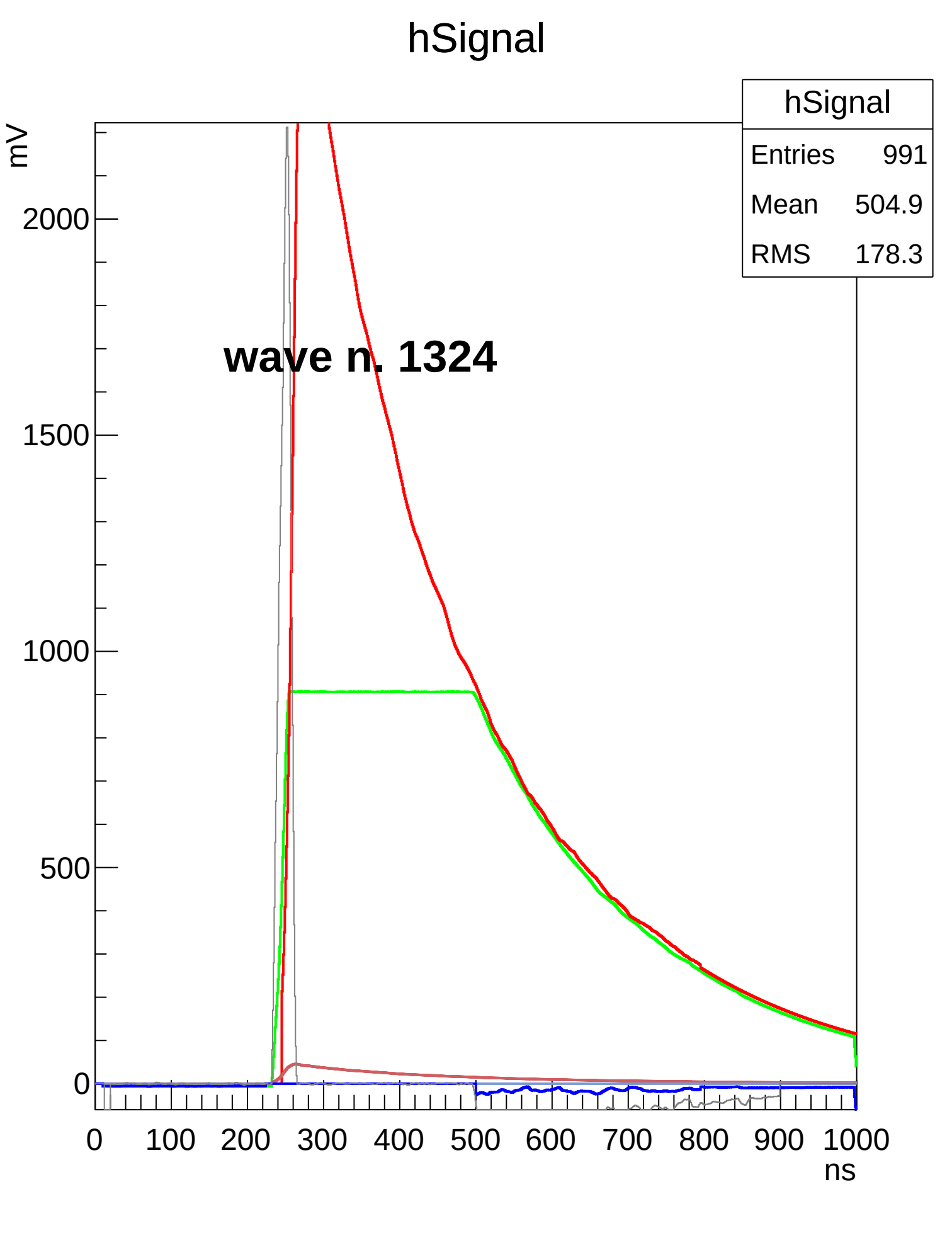
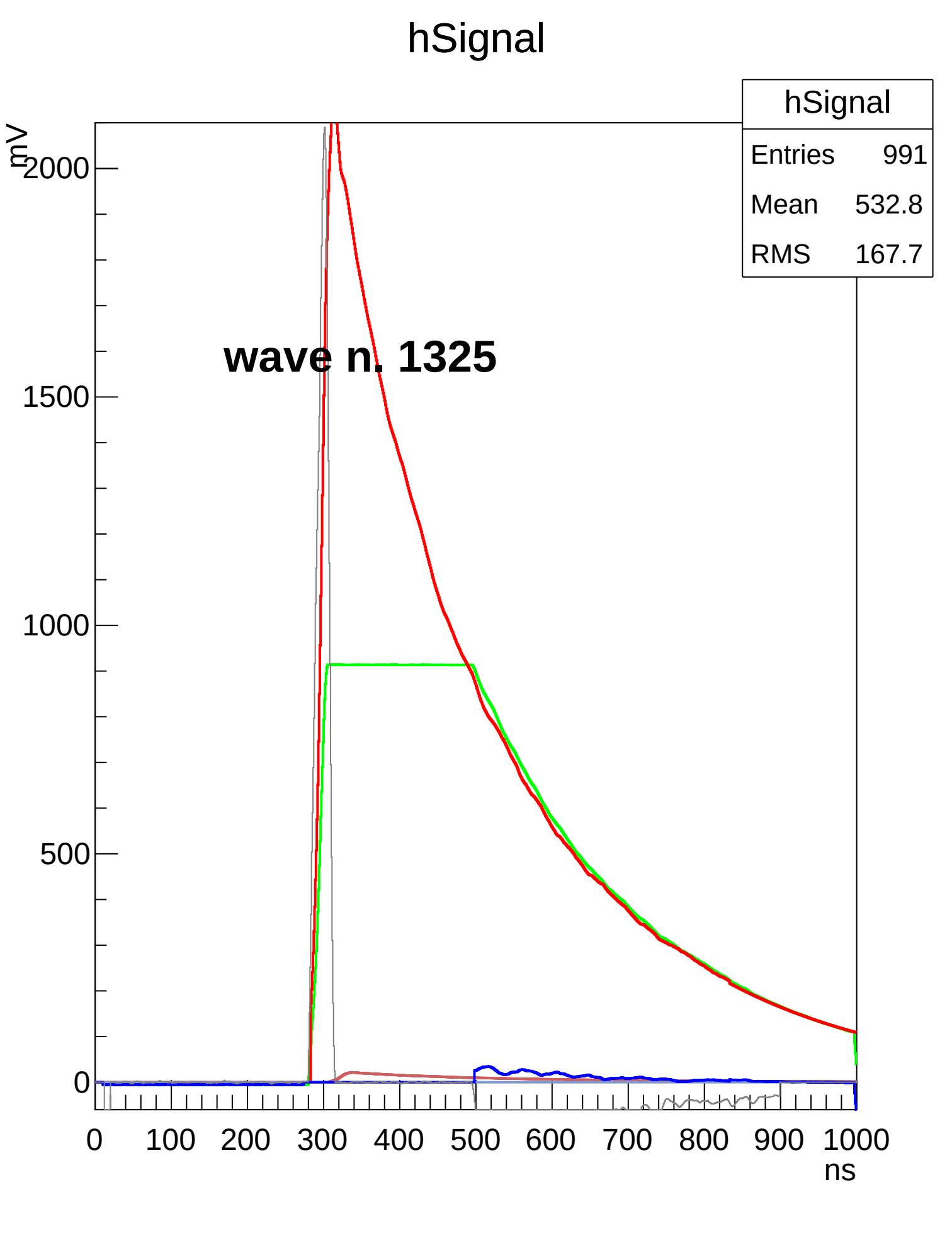
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.9
RMS 178.3
wave n. 1324
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 532.8
RMS 167.7
wave n. 1325
mV
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1500
1000
500
0
0
100
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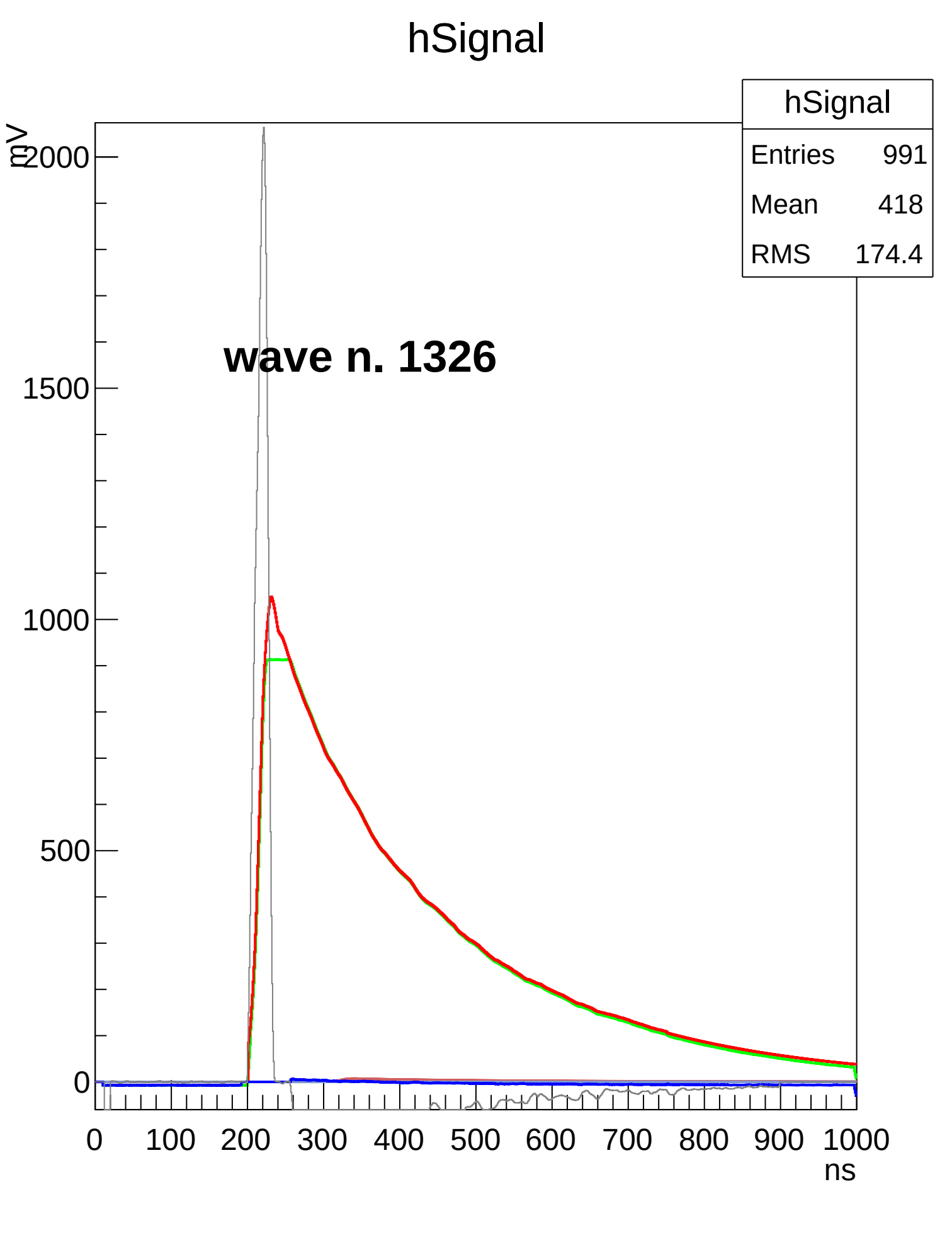
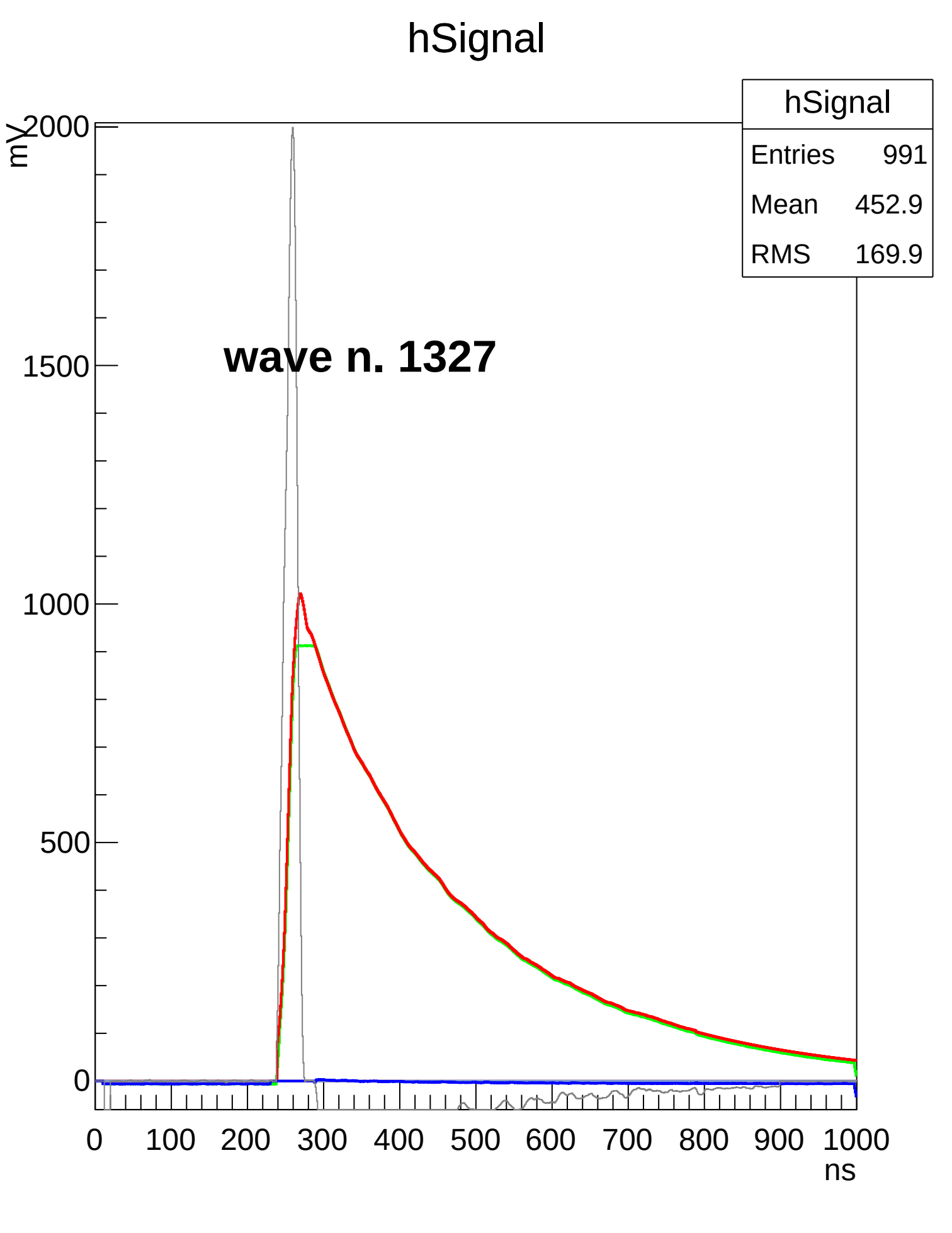
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 418
RMS 174.4
wave n. 1326
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 452.9
RMS 169.9
wave n. 1327
mV
2000
1500
1000
500
0
0
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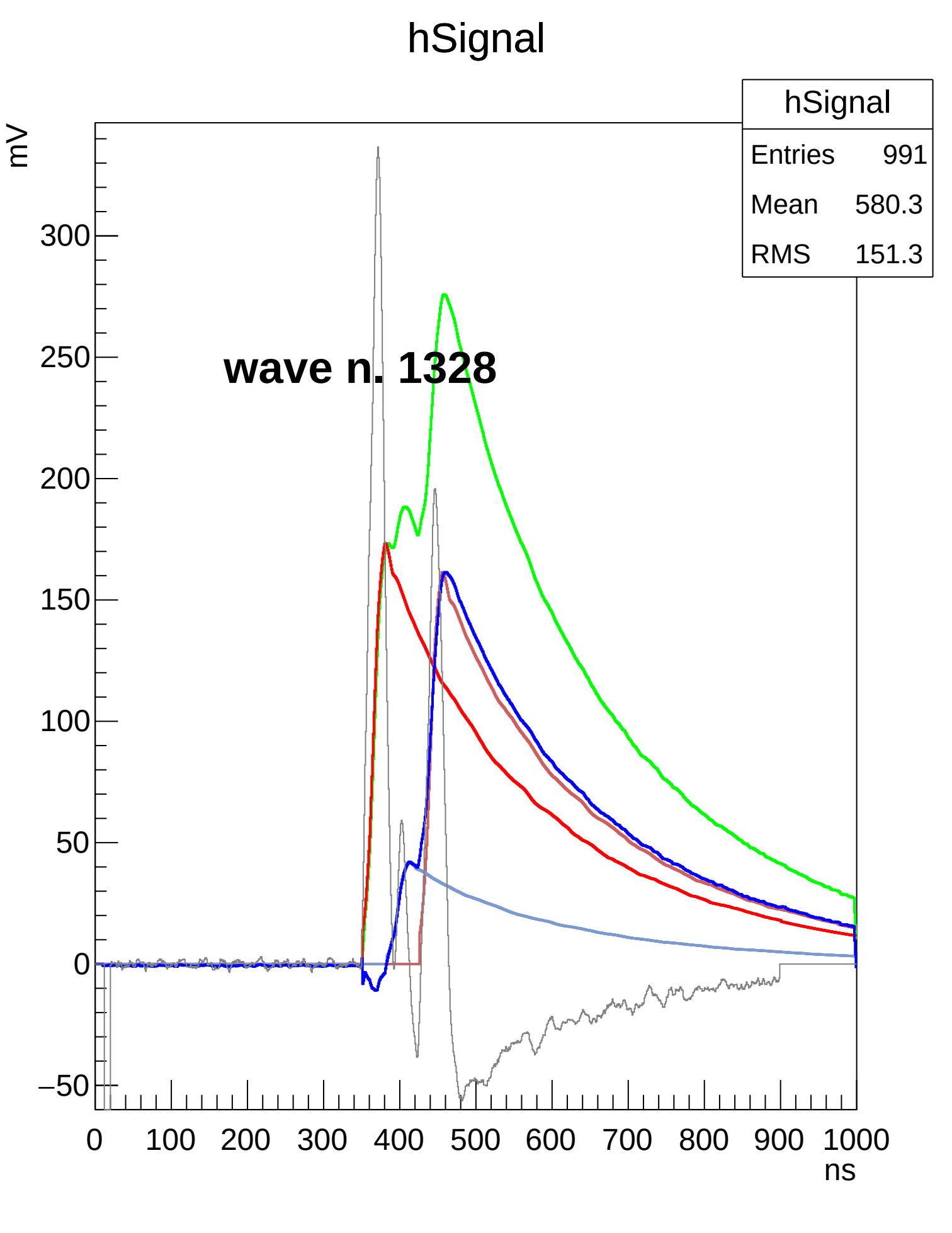
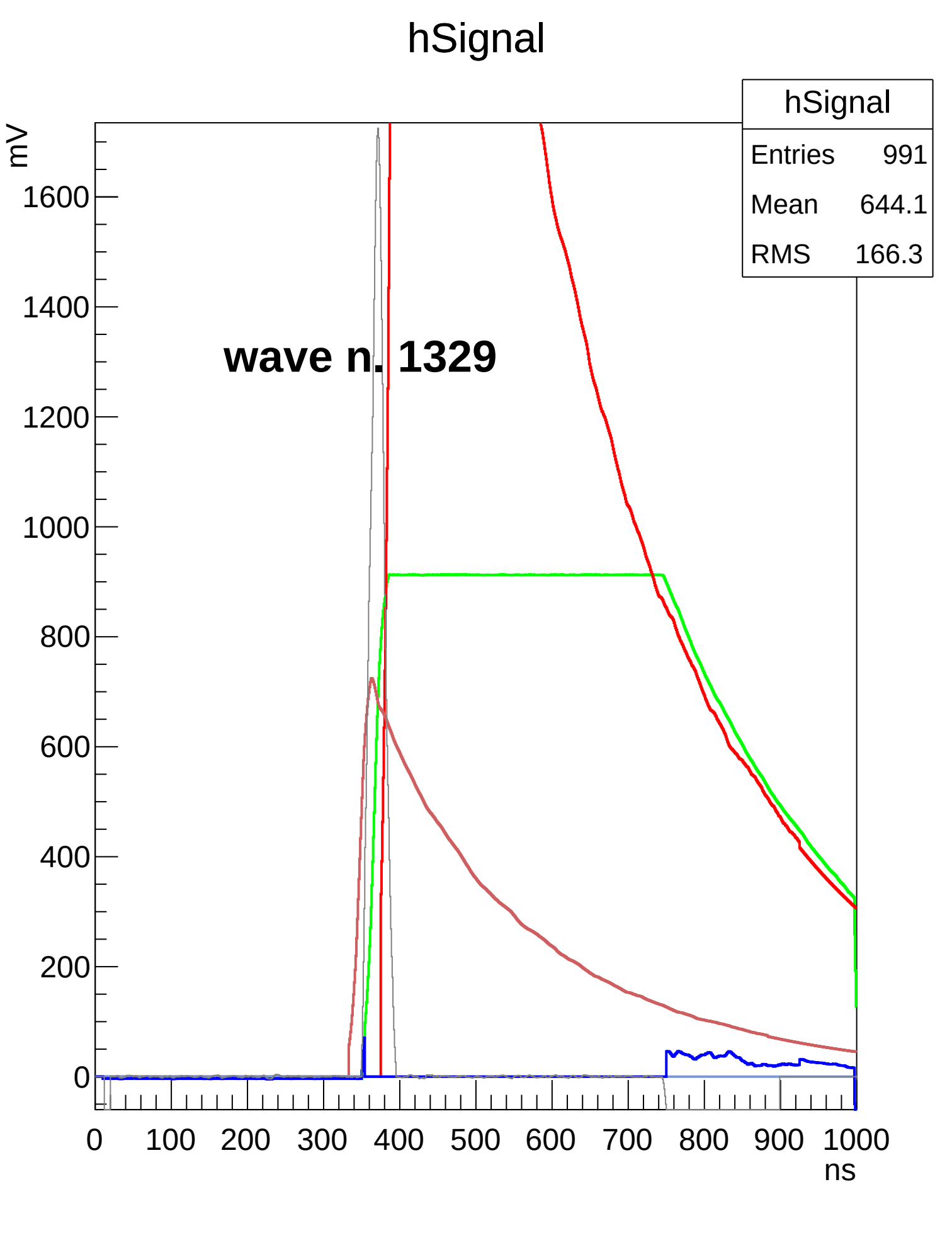
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580.3
RMS 151.3
wave n. 1328
mV
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 644.1
RMS 166.3
wave n. 1329
mV
1600
1400
1200
1000
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600
400
200
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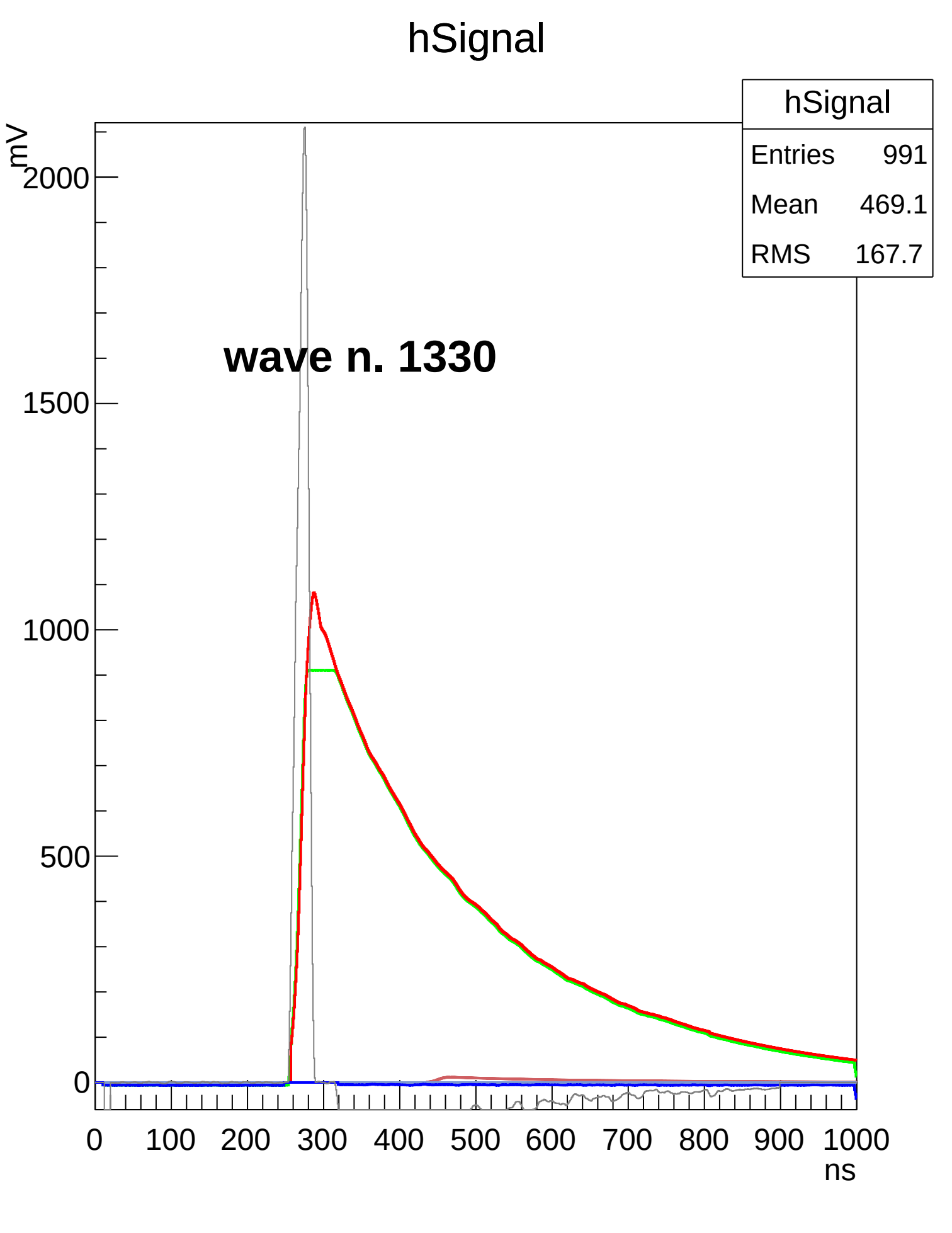
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 469.1
RMS 167.7
wave n. 1330
mV
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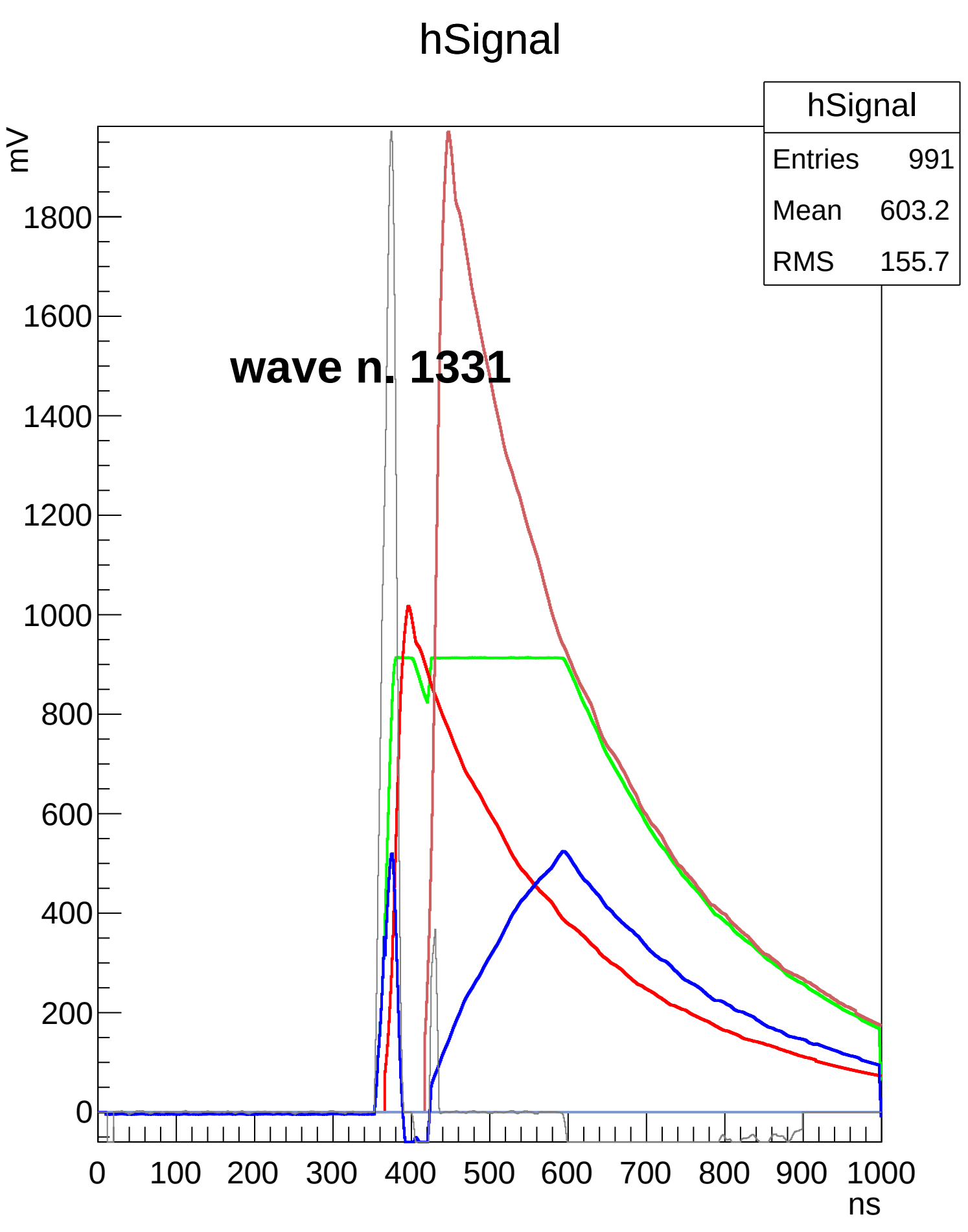
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 603.2
RMS 155.7
wave n. 1331
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
300
400
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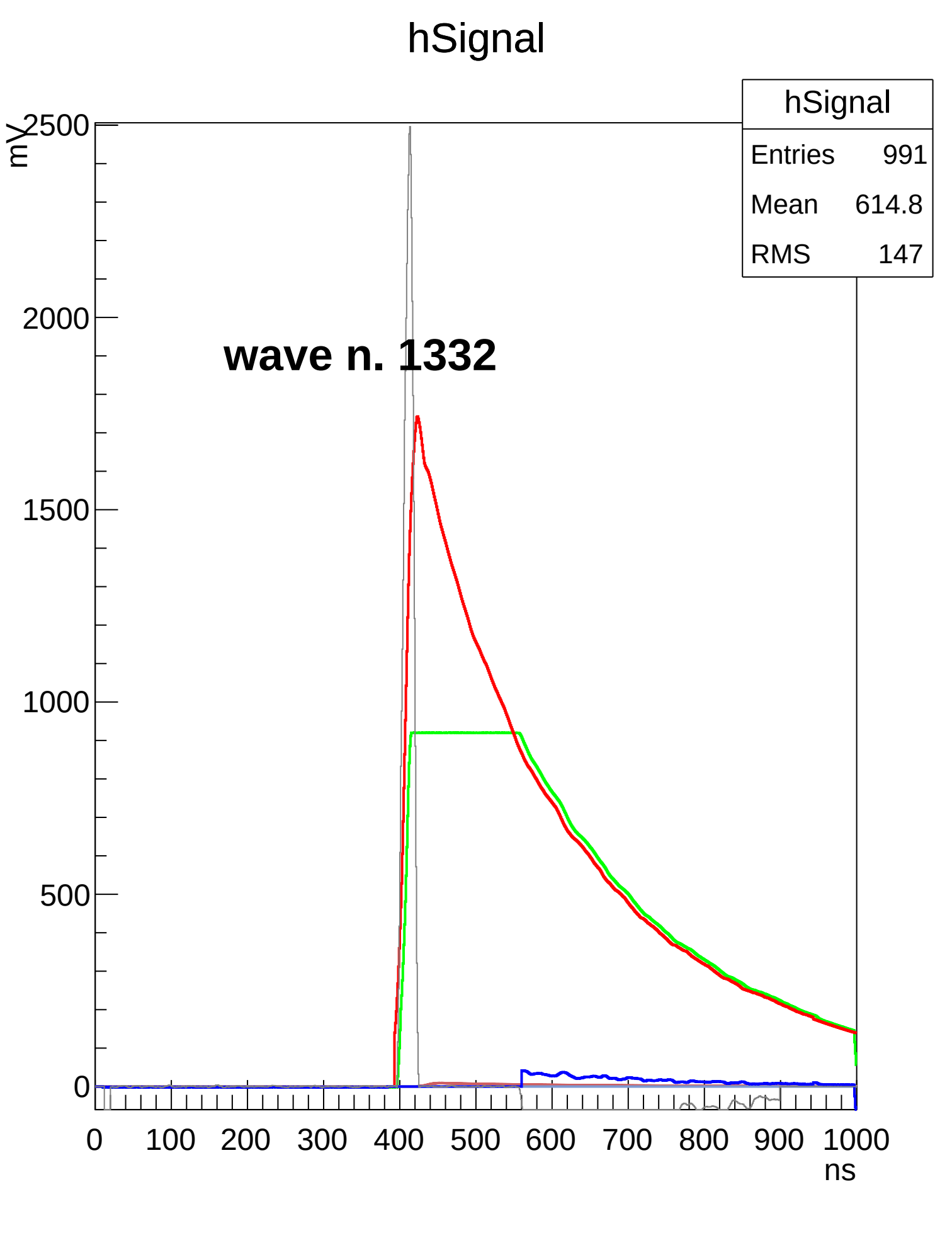
900
1000
ns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hSignal
Entries 991
Mean 614.8
RMS 147
wave n. 1332
mV
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2000
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1000
500
0
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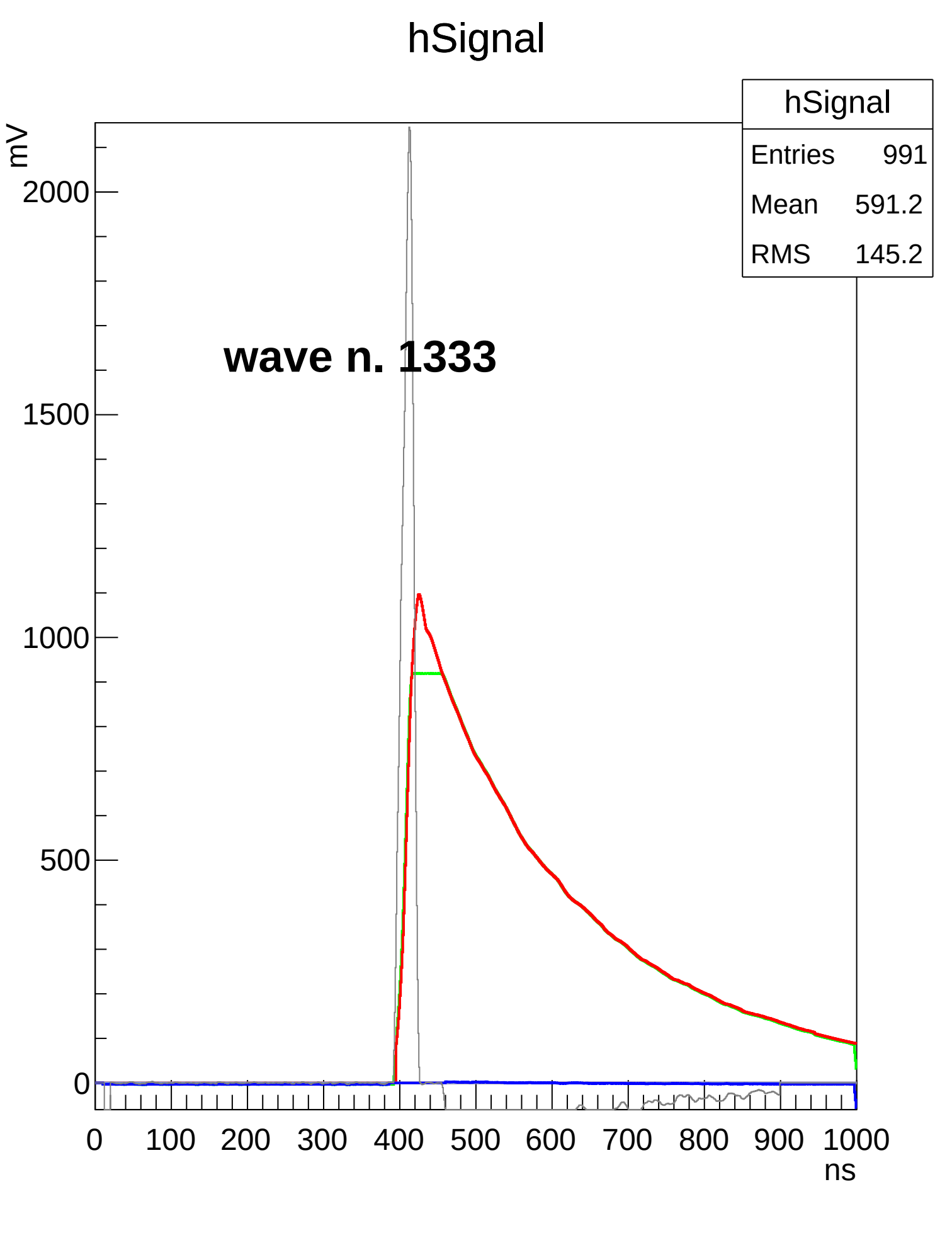
ns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hSignal
Entries 991
Mean 591.2
RMS 145.2
wave n. 1333
mV
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1500
1000
500
0
0
100
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400
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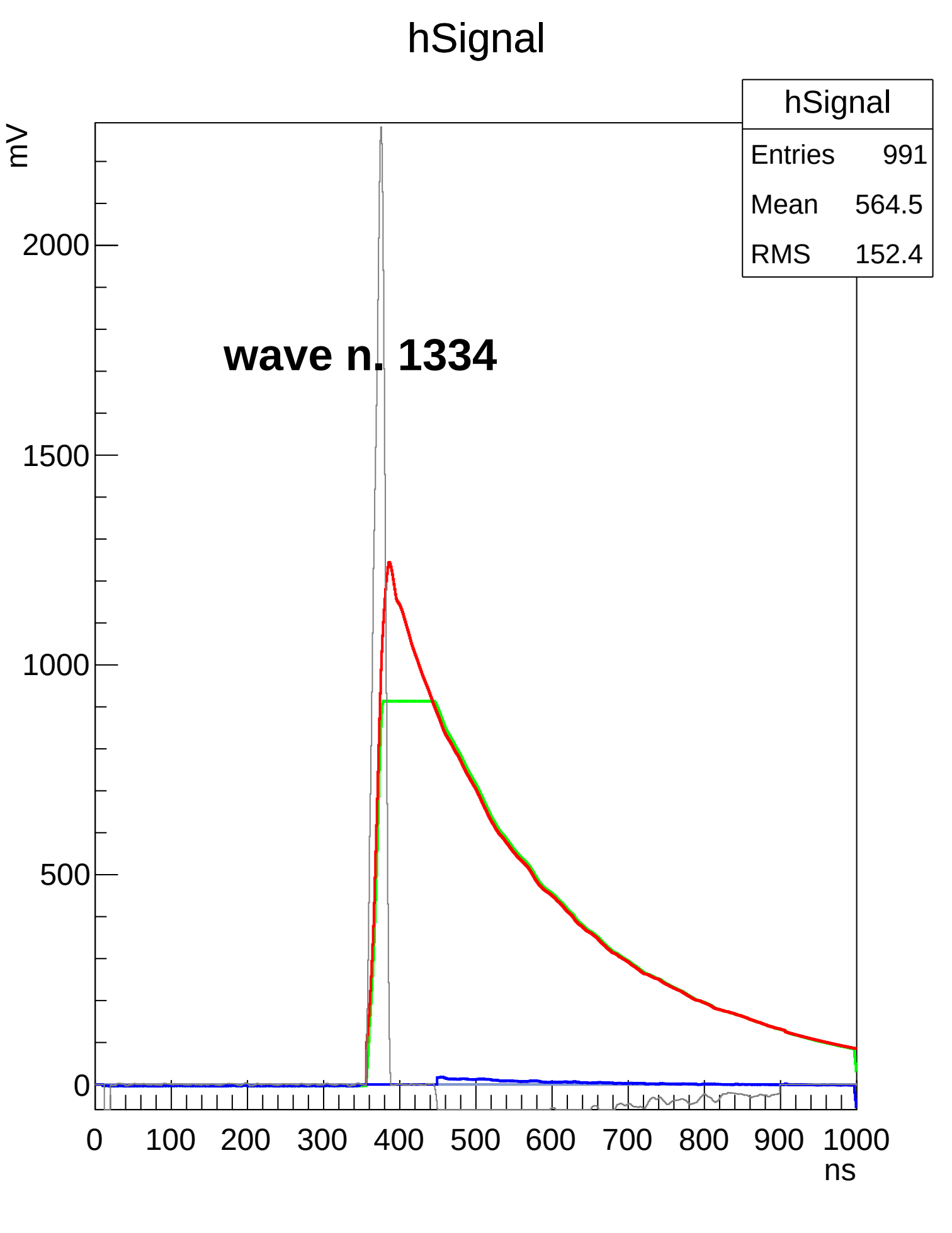
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 564.5
RMS 152.4
wave n. 1334
mV
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1500
1000
500
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0
100
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400
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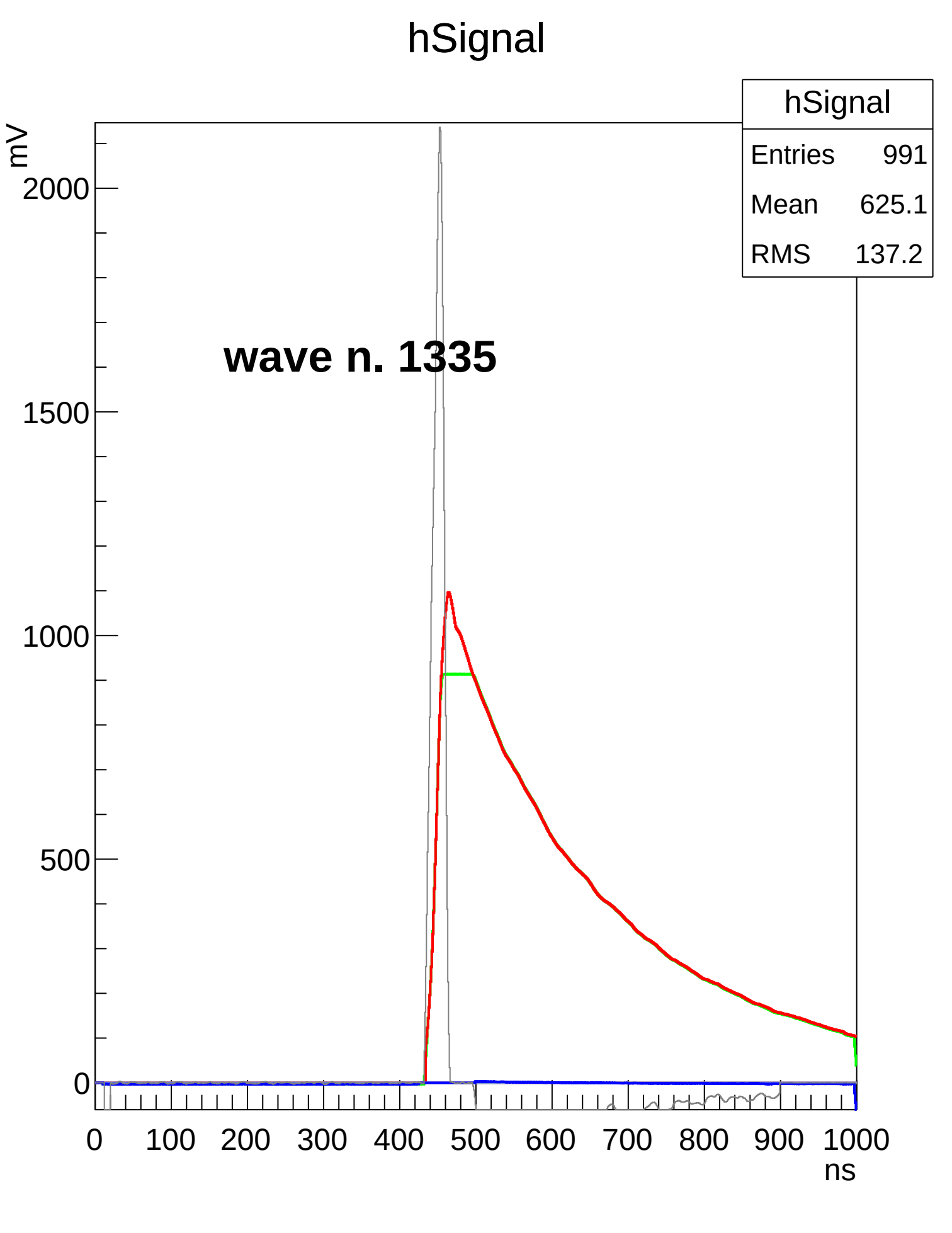
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hSignal
Entries 991
Mean 625.1
RMS 137.2
wave n. 1335
mV
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500
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800
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1000
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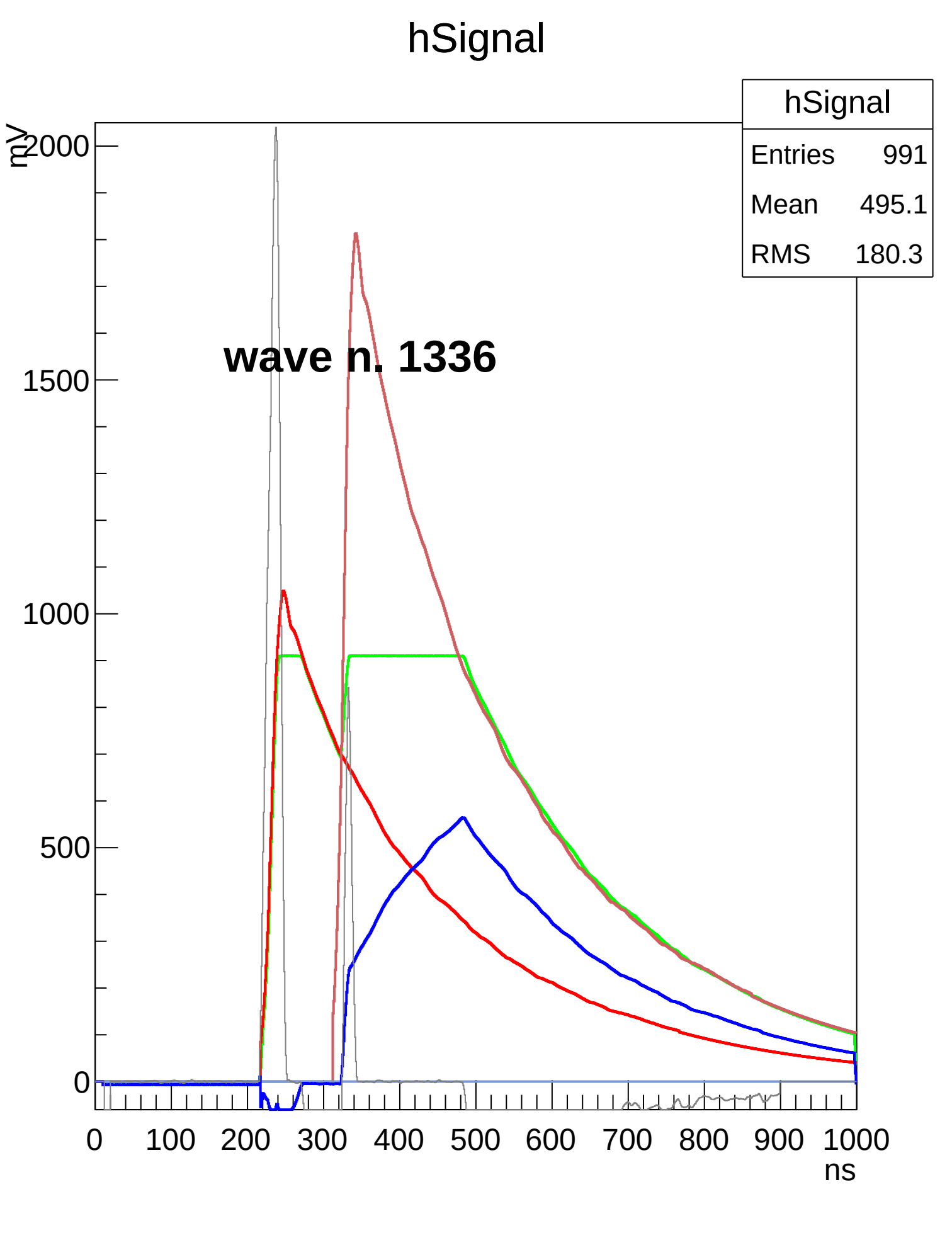
hSignal
hSignal
Entries 991
Mean 495.1
RMS 180.3
wave n. 1336
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500
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800
900
1000
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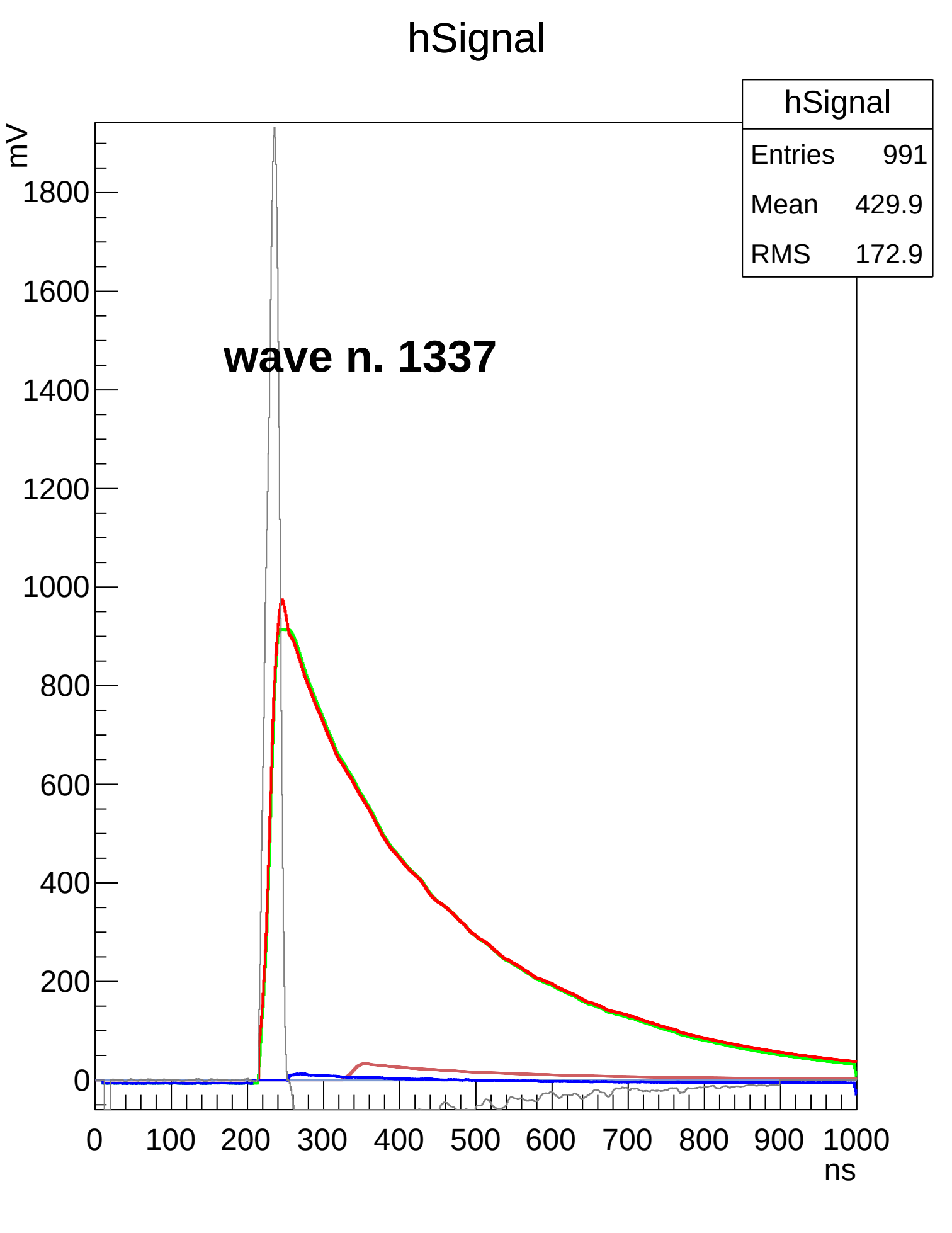
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Entries 991
Mean 429.9
RMS 172.9
wave n. 1337
mV
1800
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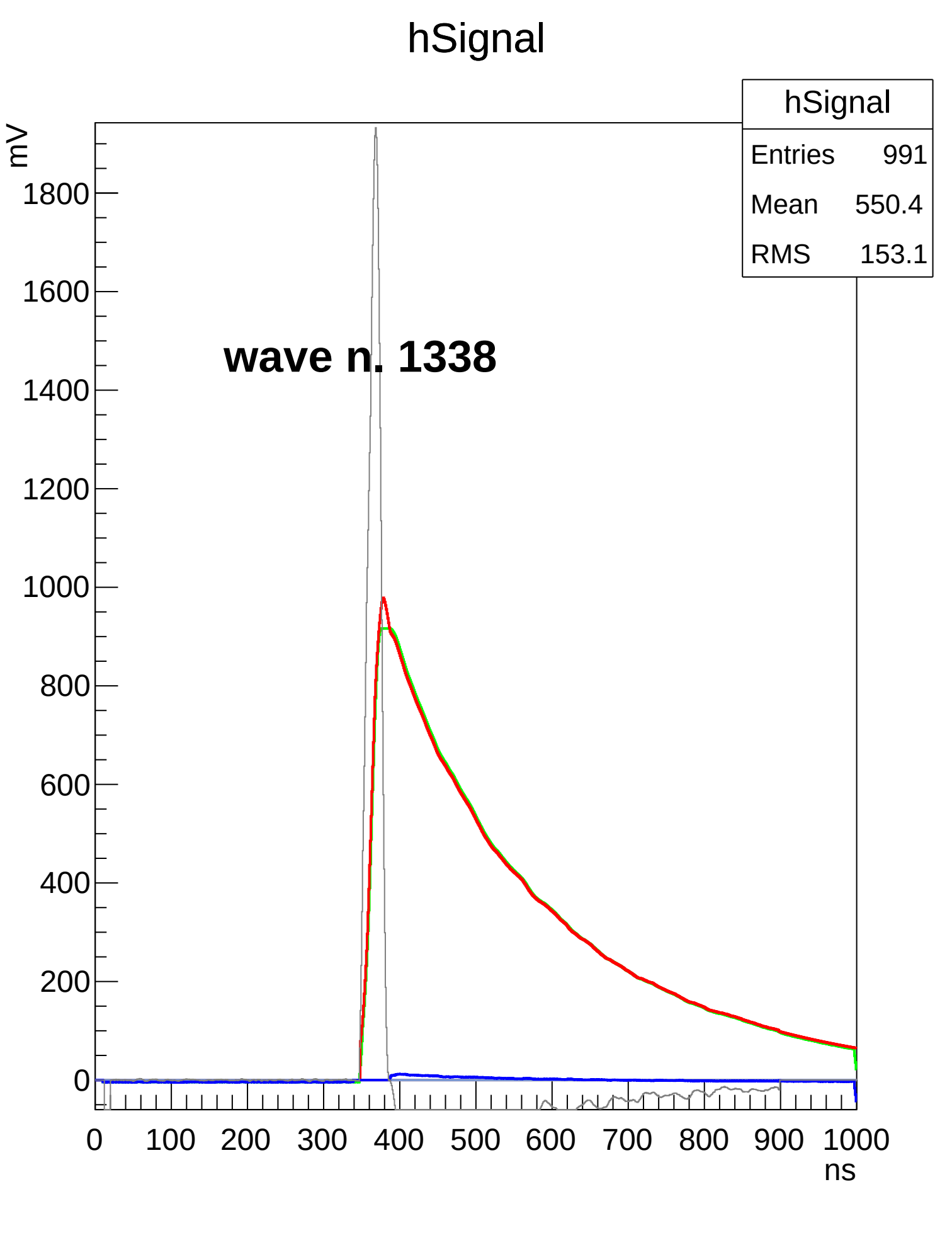
hSignal
hSignal
Entries 991
Mean 550.4
RMS 153.1
wave n. 1338
mV
1800
1600
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0
0
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900
1000
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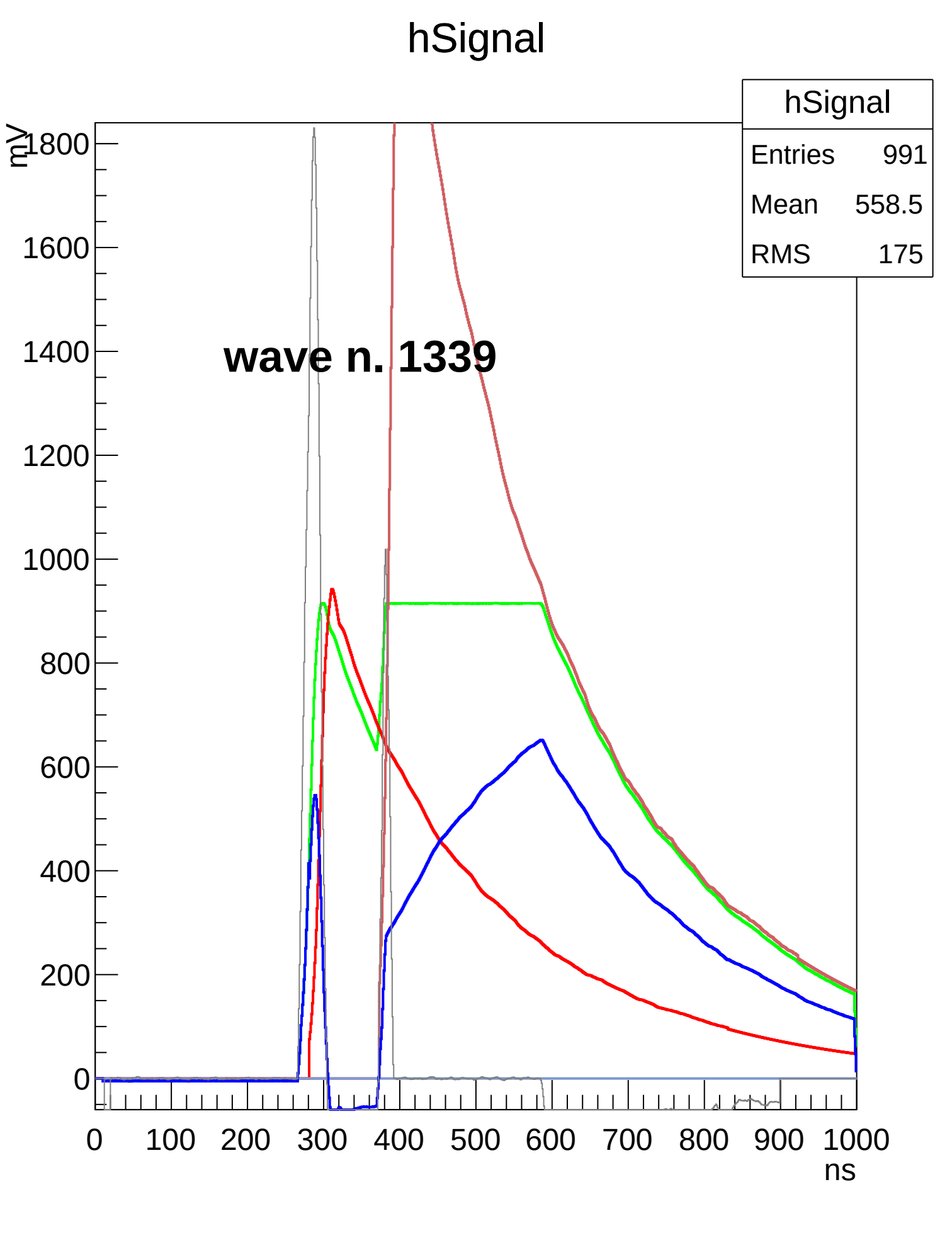
hSignal
hSignal
Entries 991
Mean 558.5
RMS 175
wave n. 1339
mV
1800
1600
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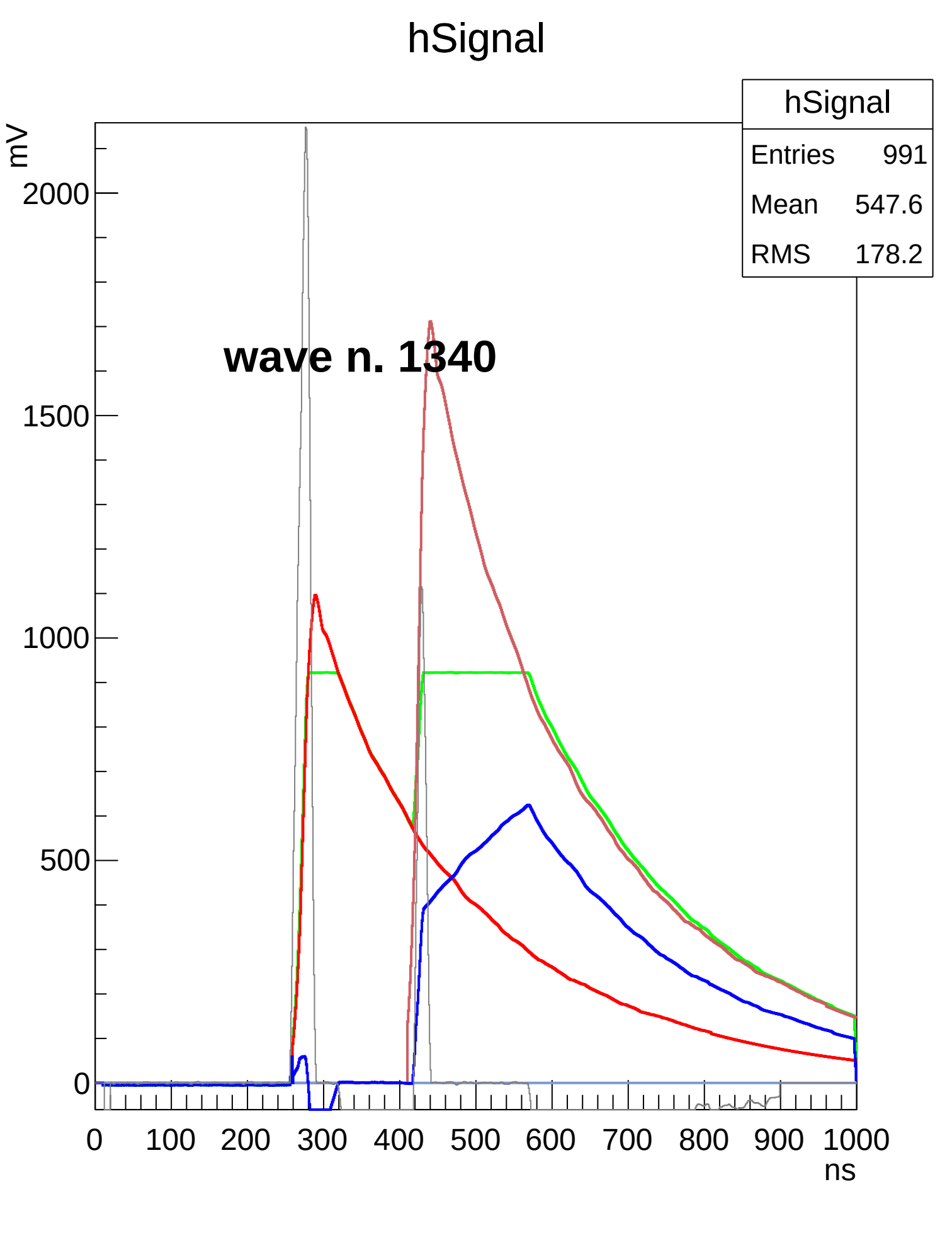
hSignal
hSignal
Entries 991
Mean 547.6
RMS 178.2
wave n. 1340
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1500
1000
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0
100
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800
900
1000
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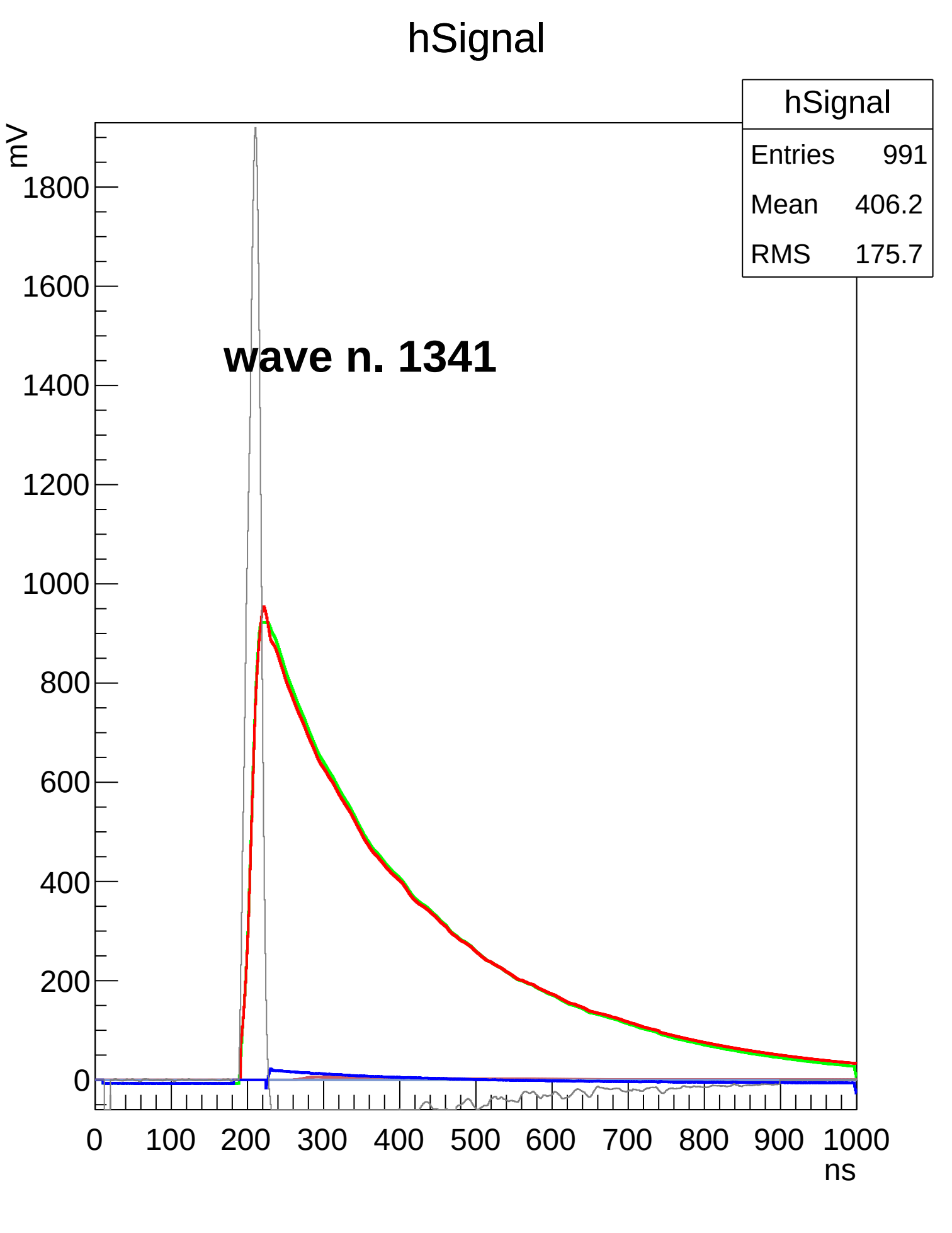
hSignal
hSignal
Entries 991
Mean 406.2
RMS 175.7
wave n. 1341
mV
1800
1600
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1200
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600
400
200
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100
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400
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1000
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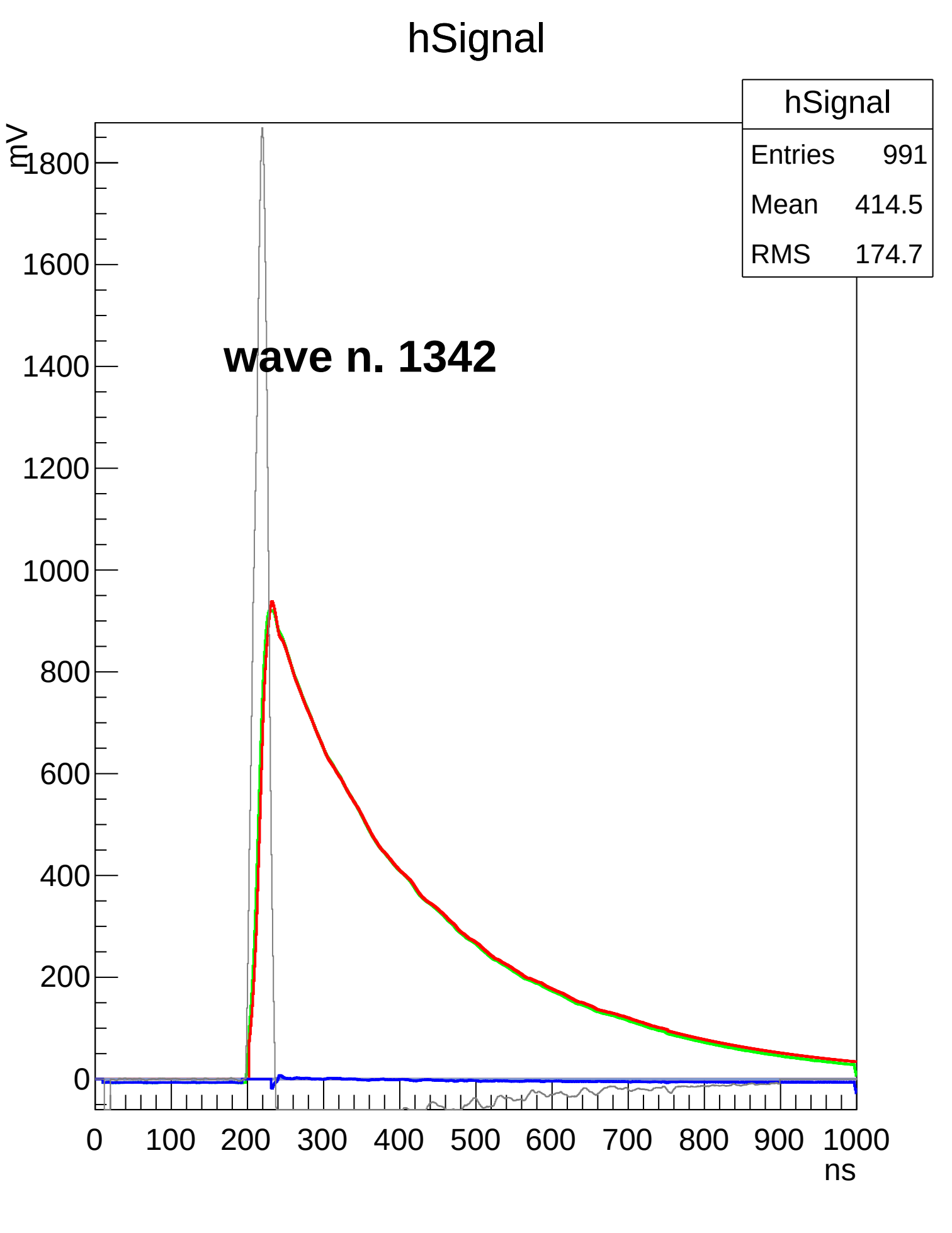
hSignal
hSignal
Entries 991
Mean 414.5
RMS 174.7
wave n. 1342
mV
1800
1600
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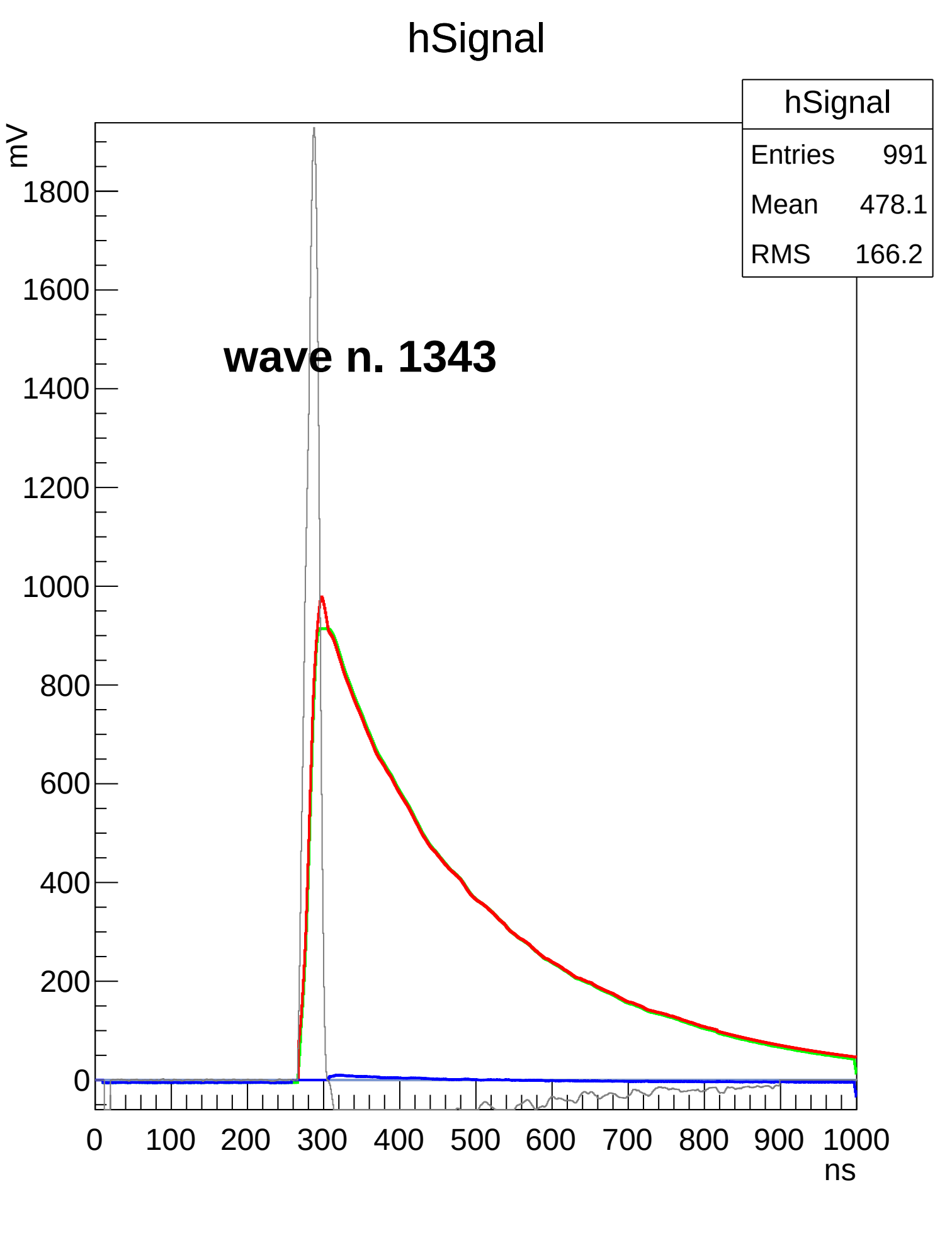
hSignal
hSignal
Entries 991
Mean 478.1
RMS 166.2
wave n. 1343
mV
1800
1600
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200
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1000
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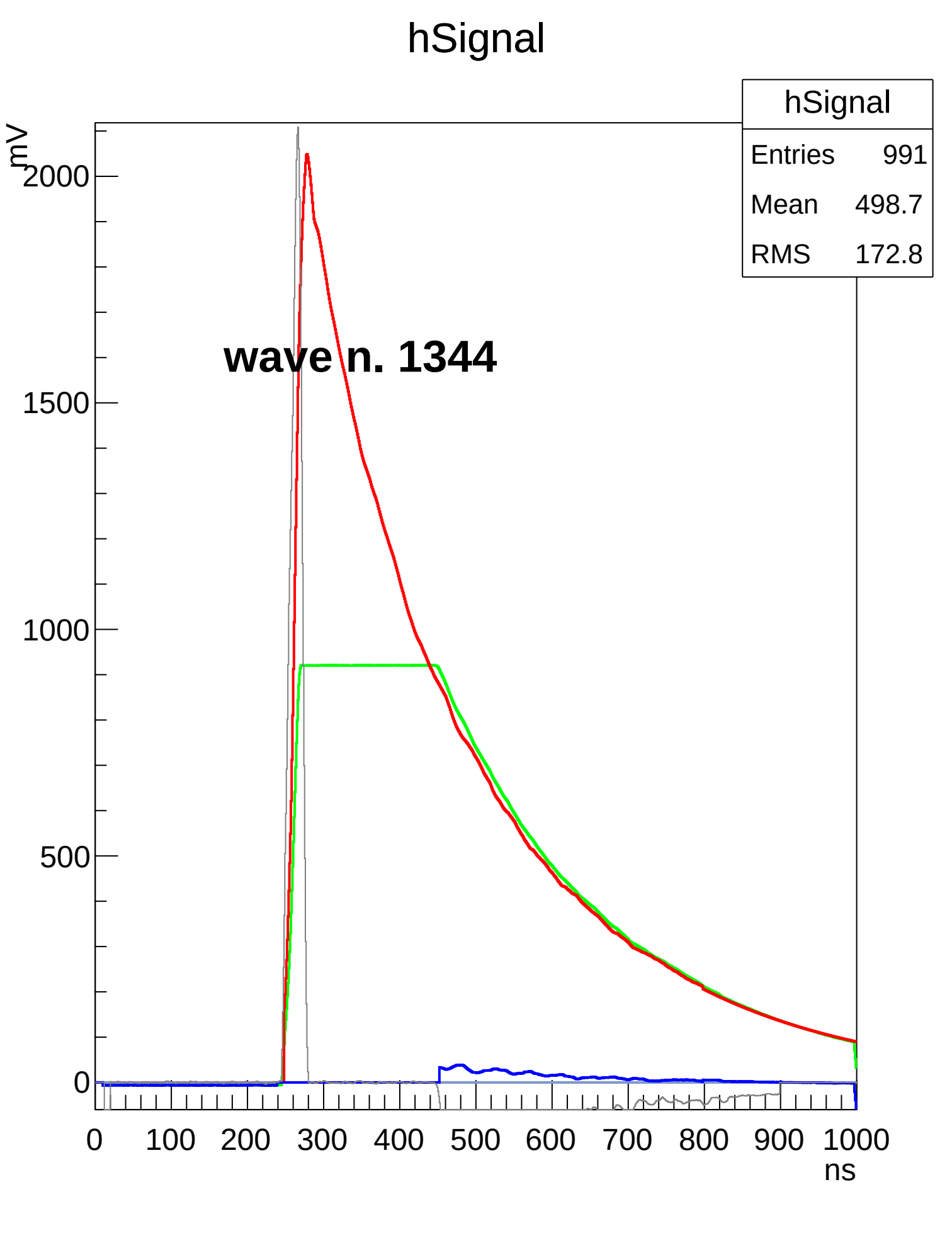
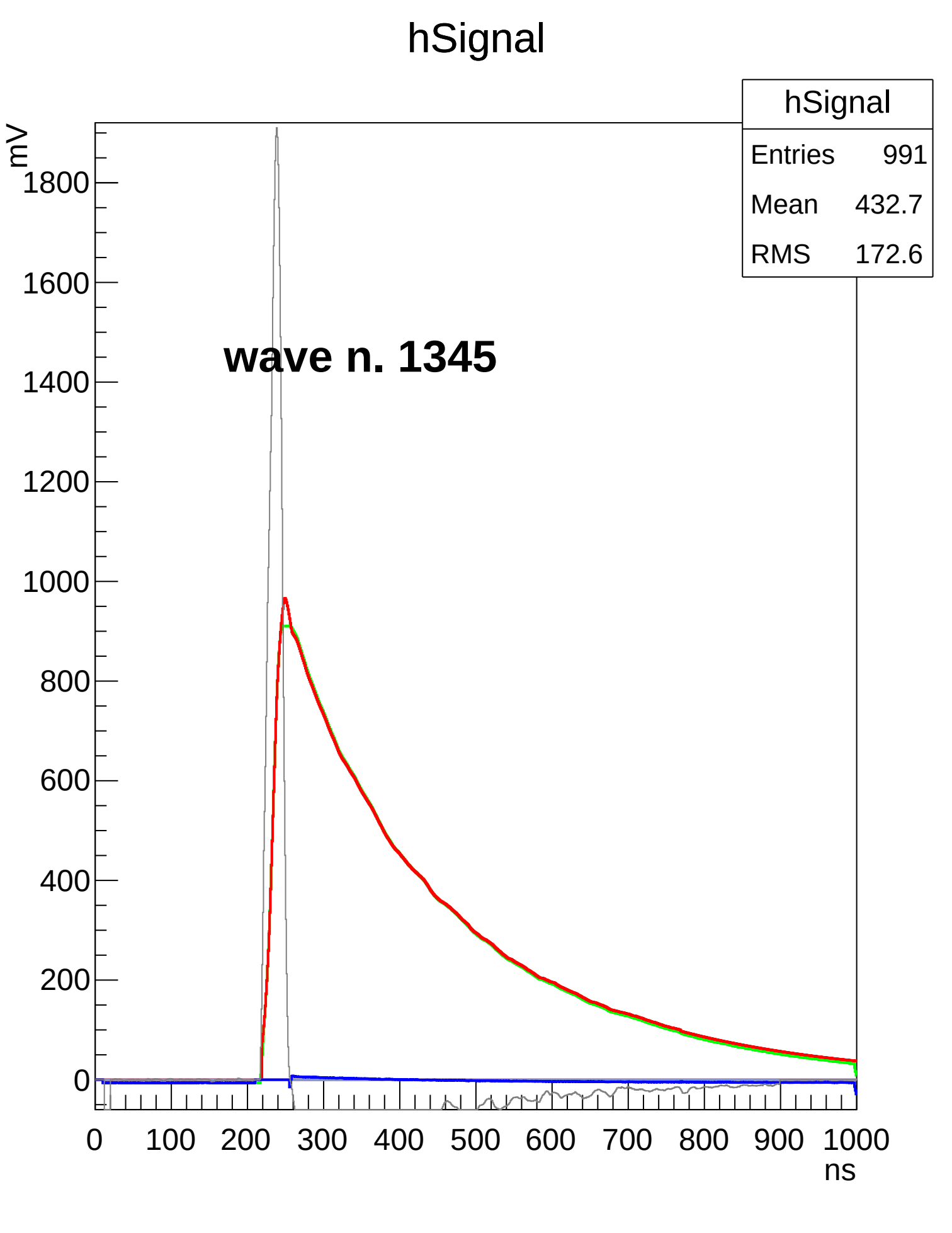
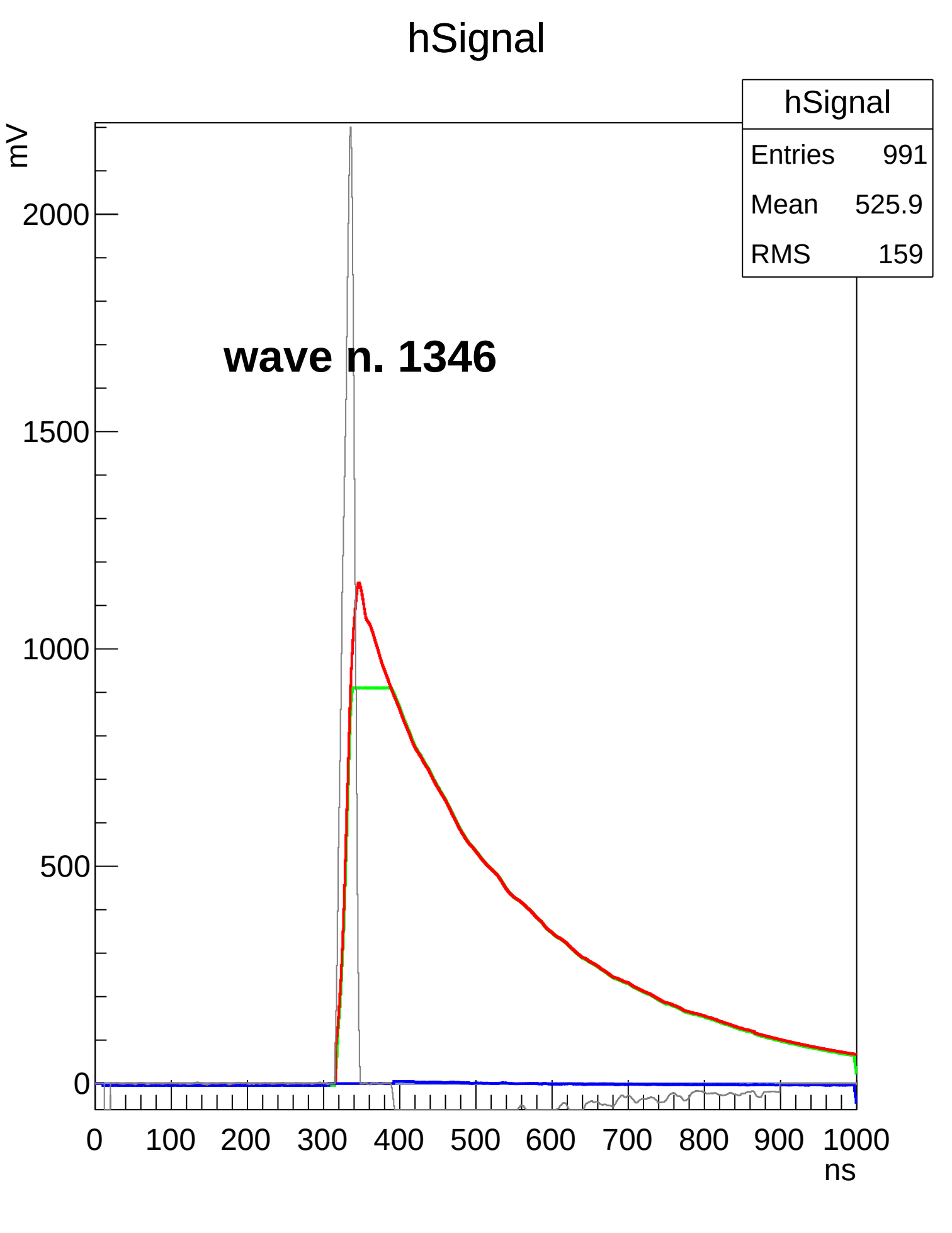
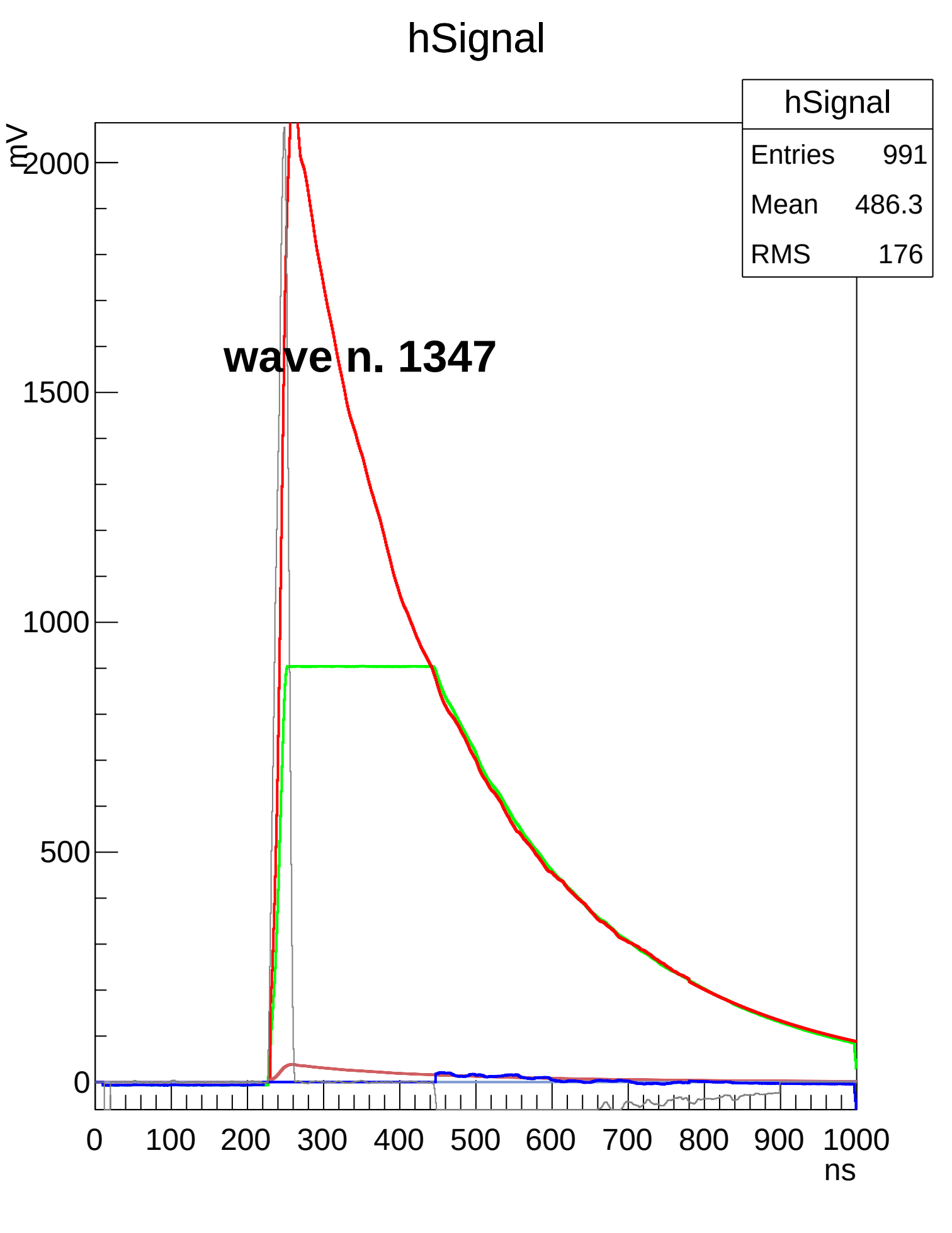

hSignal
hSignal
Entries 991
Mean 498.7
RMS 172.8
wave n. 1344
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 432.7
RMS 172.6
wave n. 1345
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 525.9
RMS 159
wave n. 1346
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 486.3
RMS 176
wave n. 1347
mV
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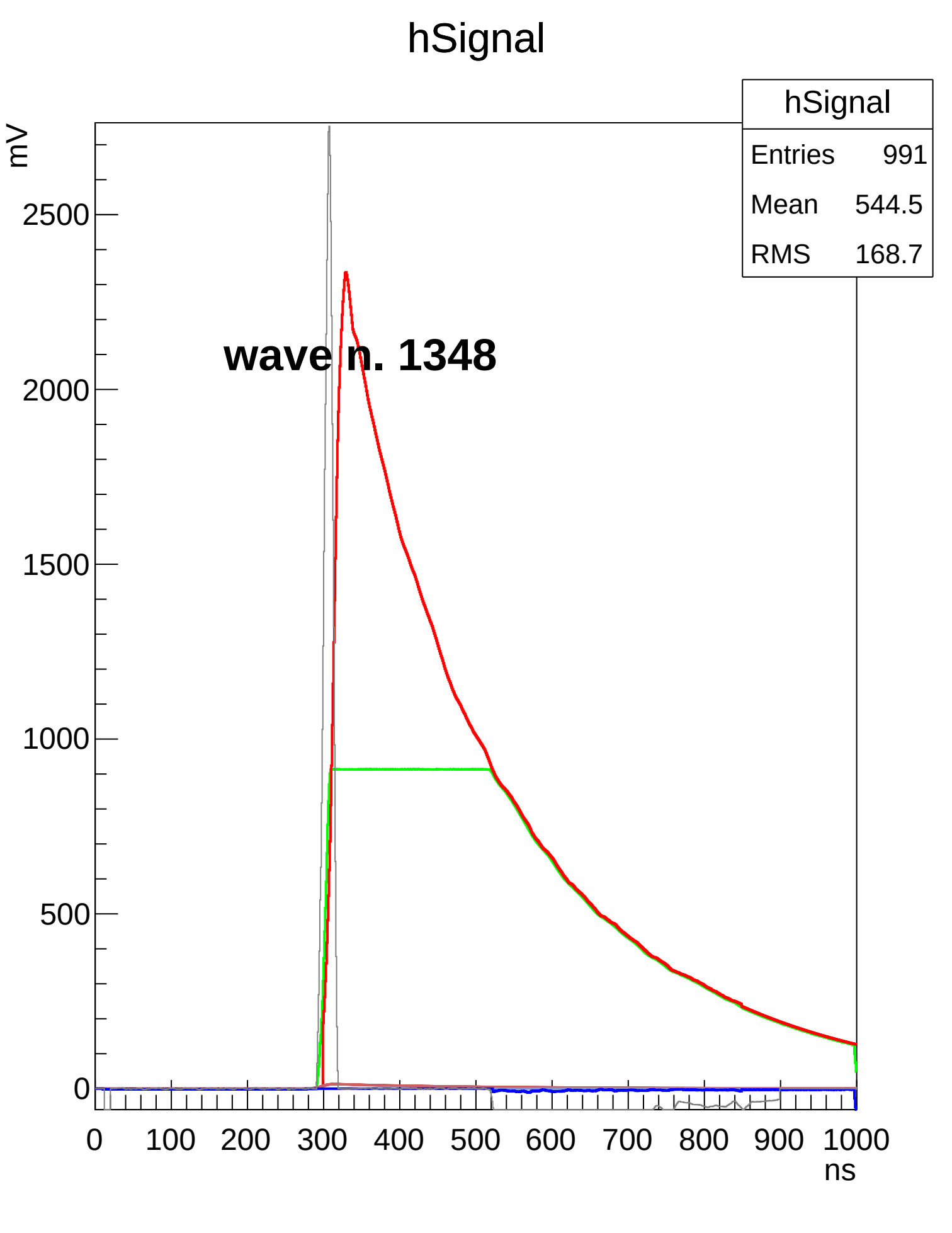
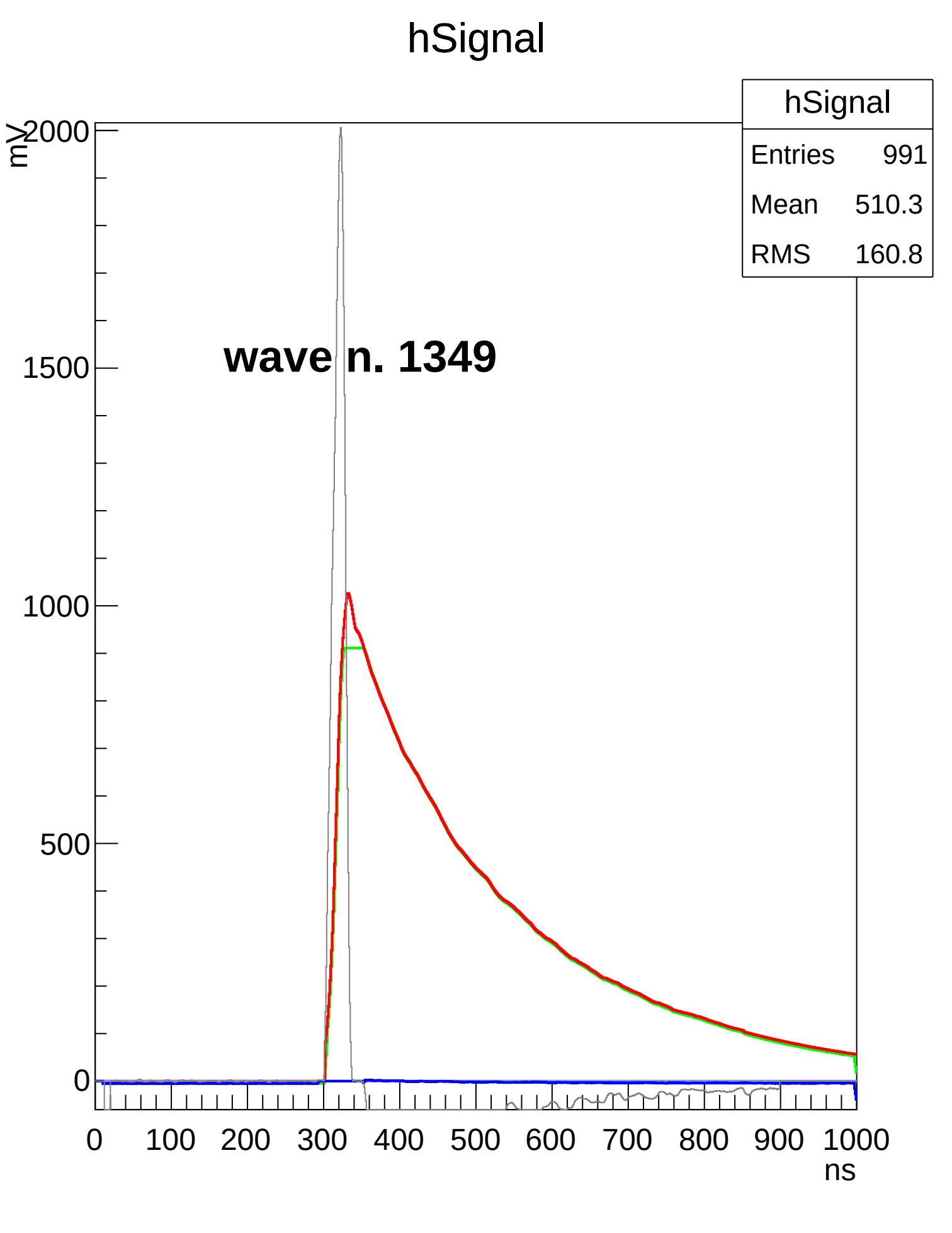
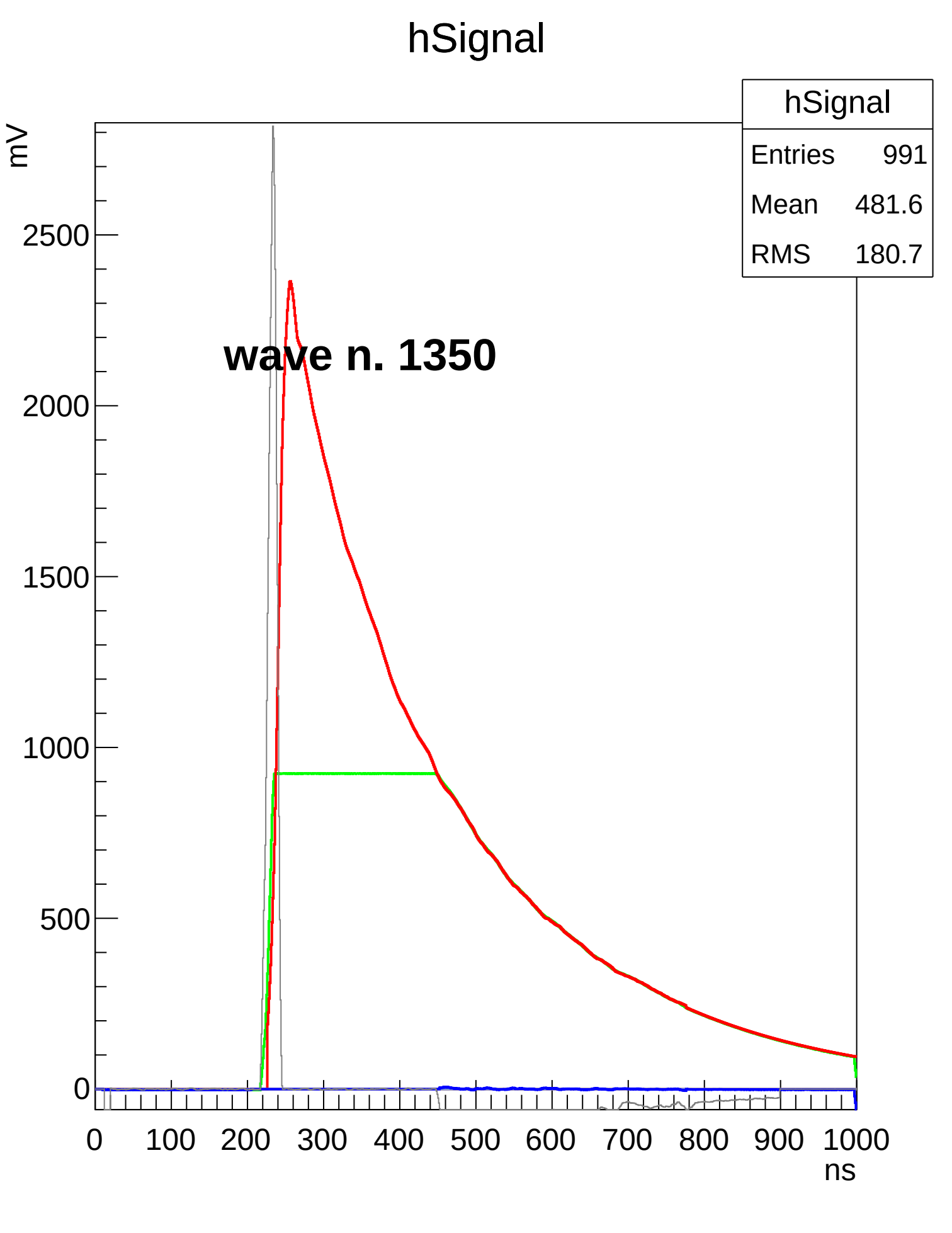
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 544.5
RMS 168.7
wave n. 1348
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.3
RMS 160.8
wave n. 1349
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481.6
RMS 180.7
wave n. 1350
mV
2500
2000
1500
1000
500
0
0
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400
500
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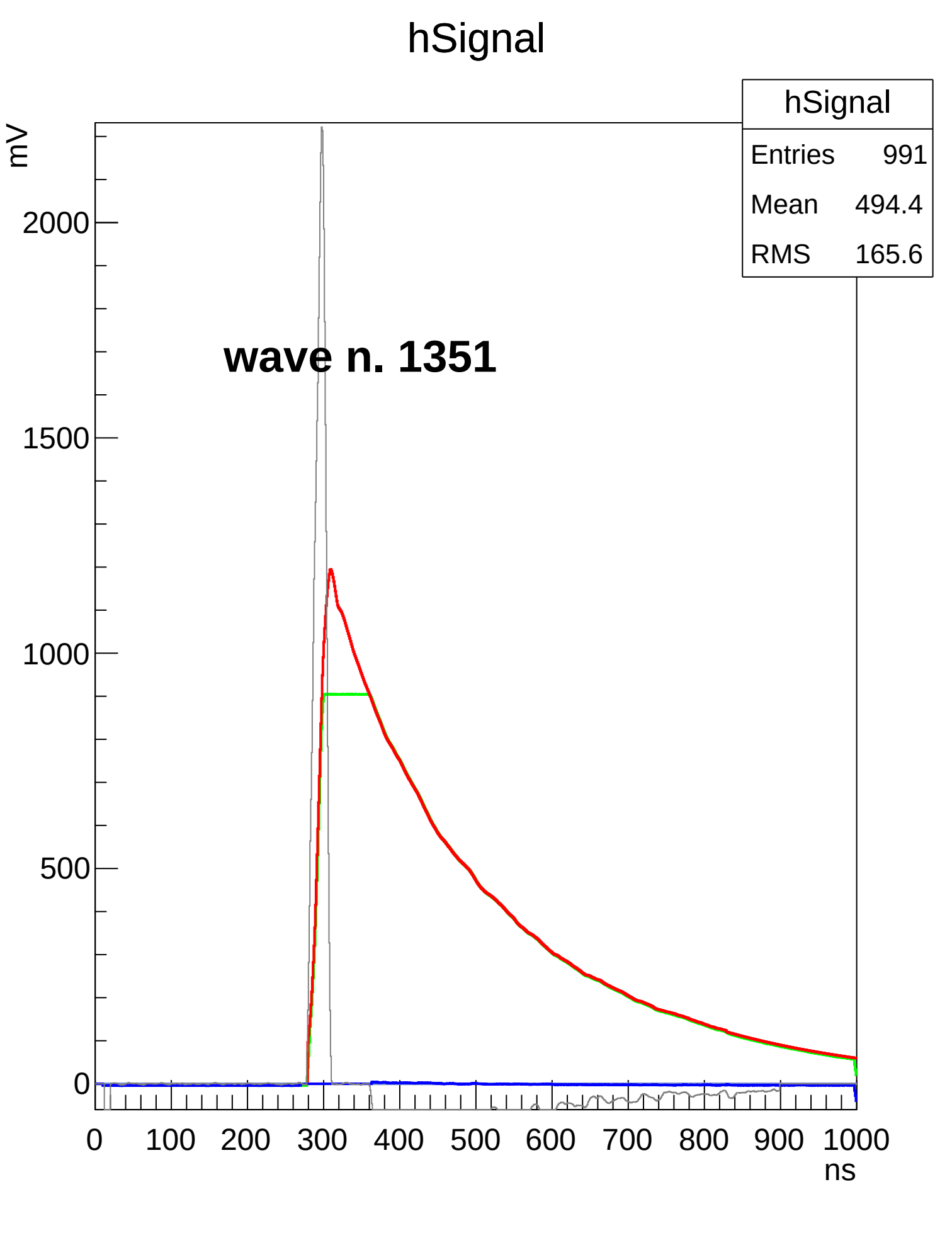
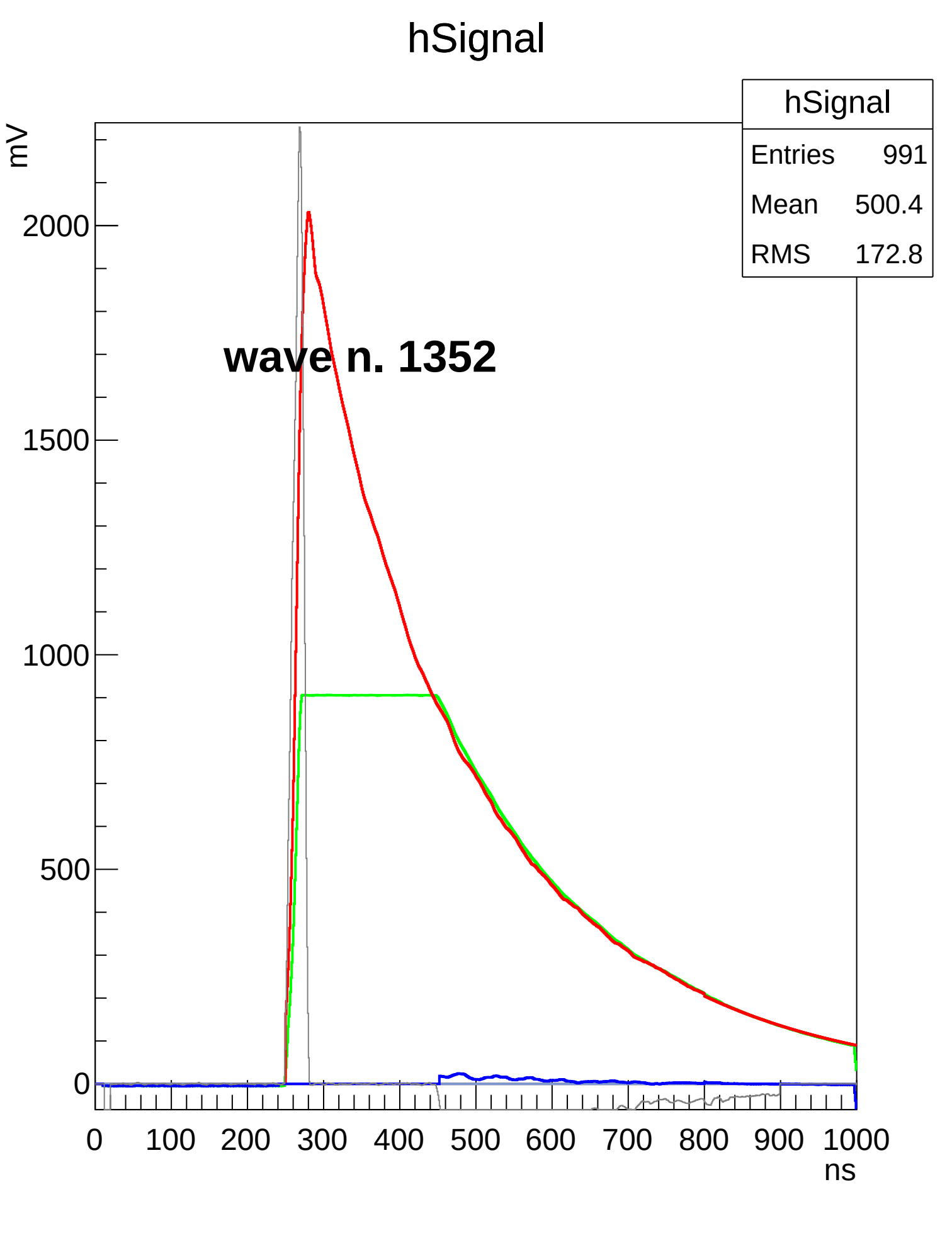
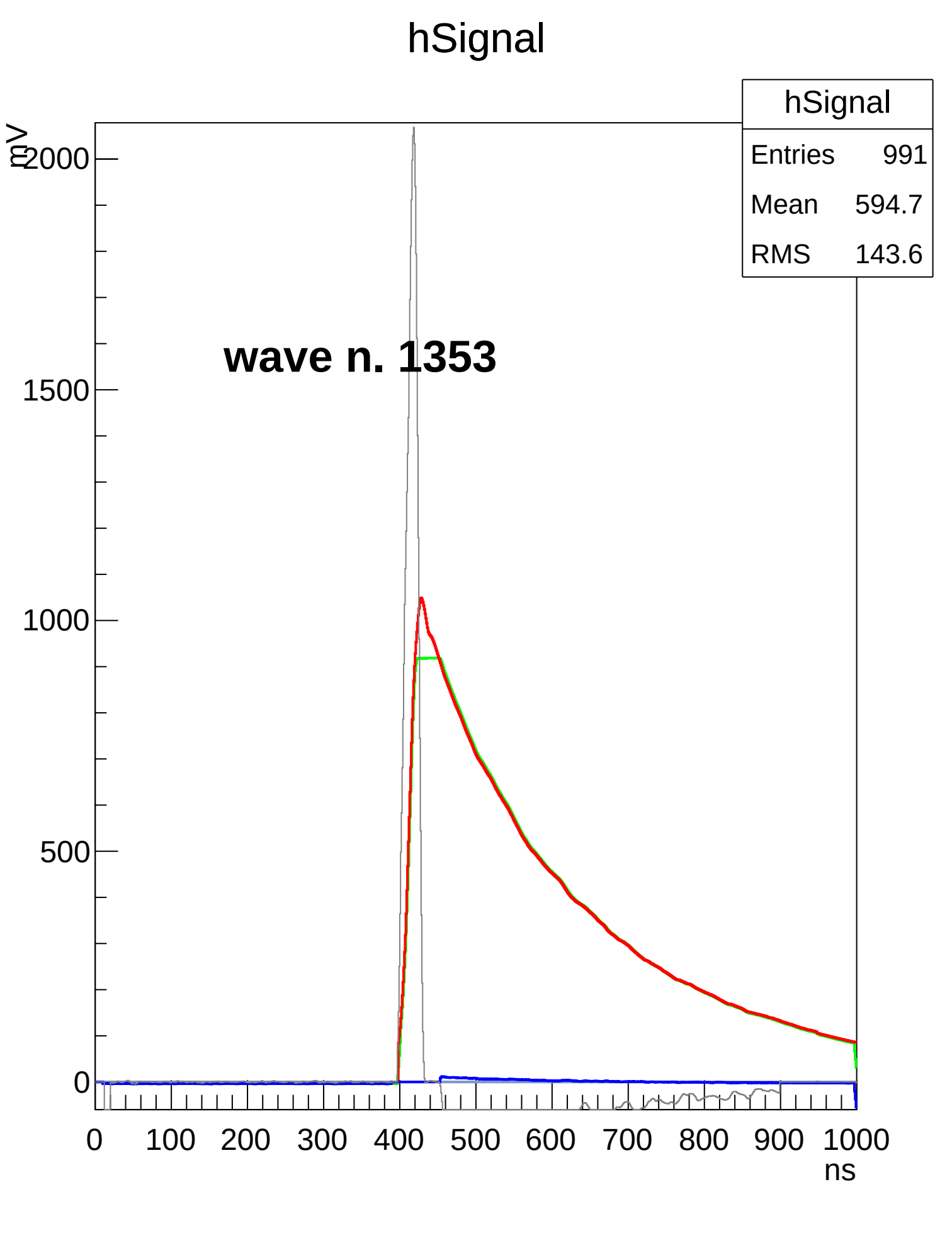
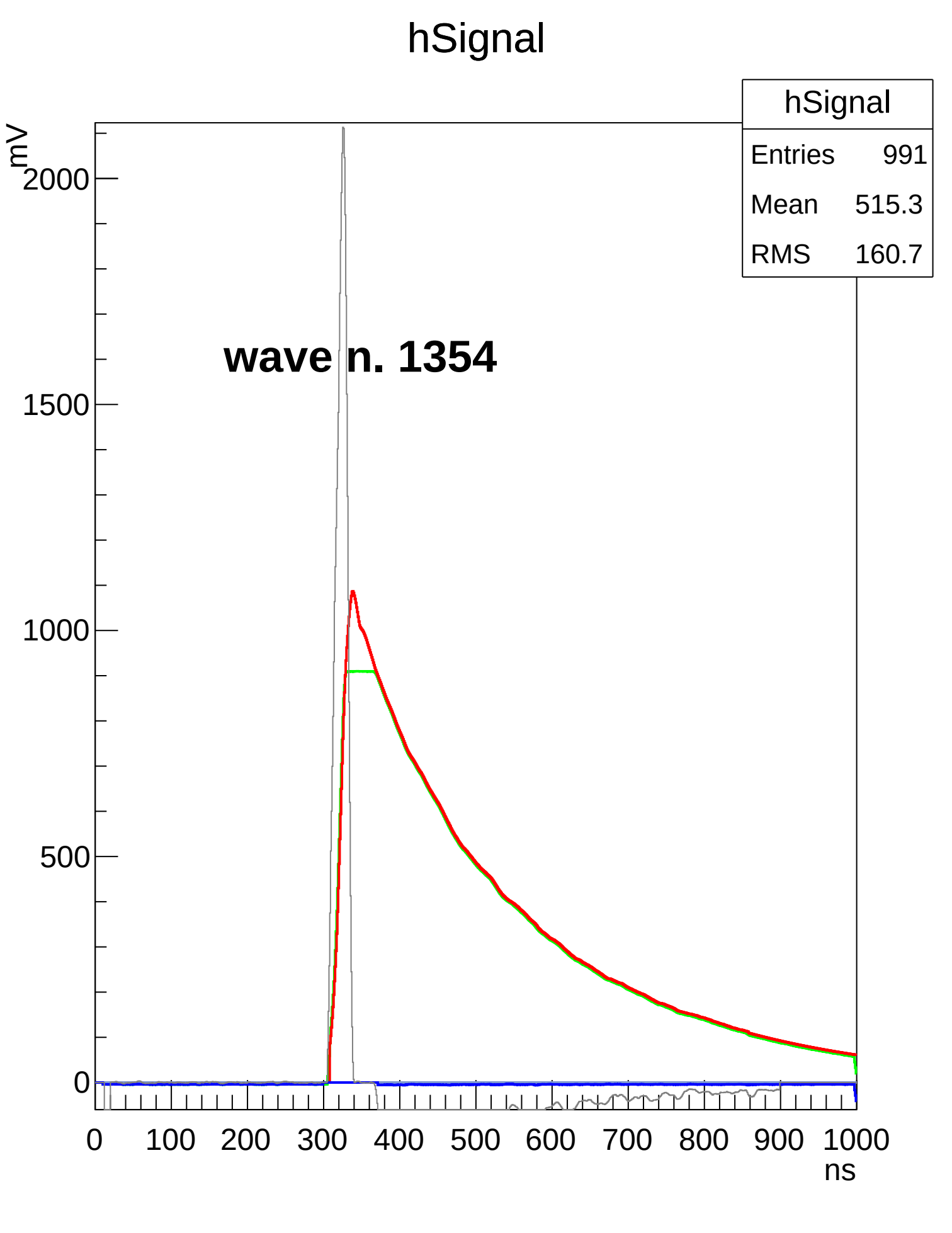
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 494.4
RMS 165.6
wave n. 1351
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 500.4
RMS 172.8
wave n. 1352
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 594.7
RMS 143.6
wave n. 1353
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.3
RMS 160.7
wave n. 1354
mV
2000
1500
1000
500
0
0
100
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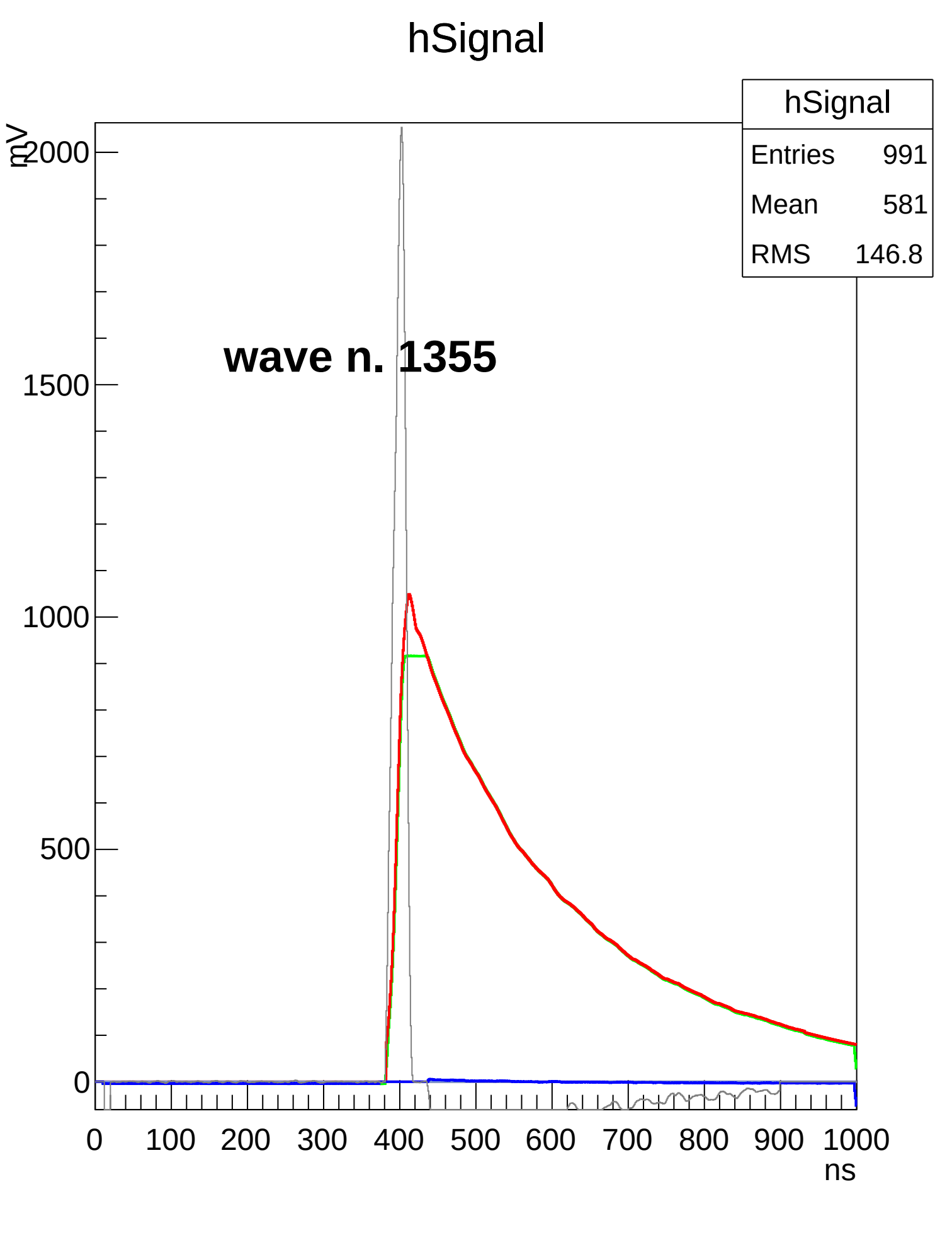
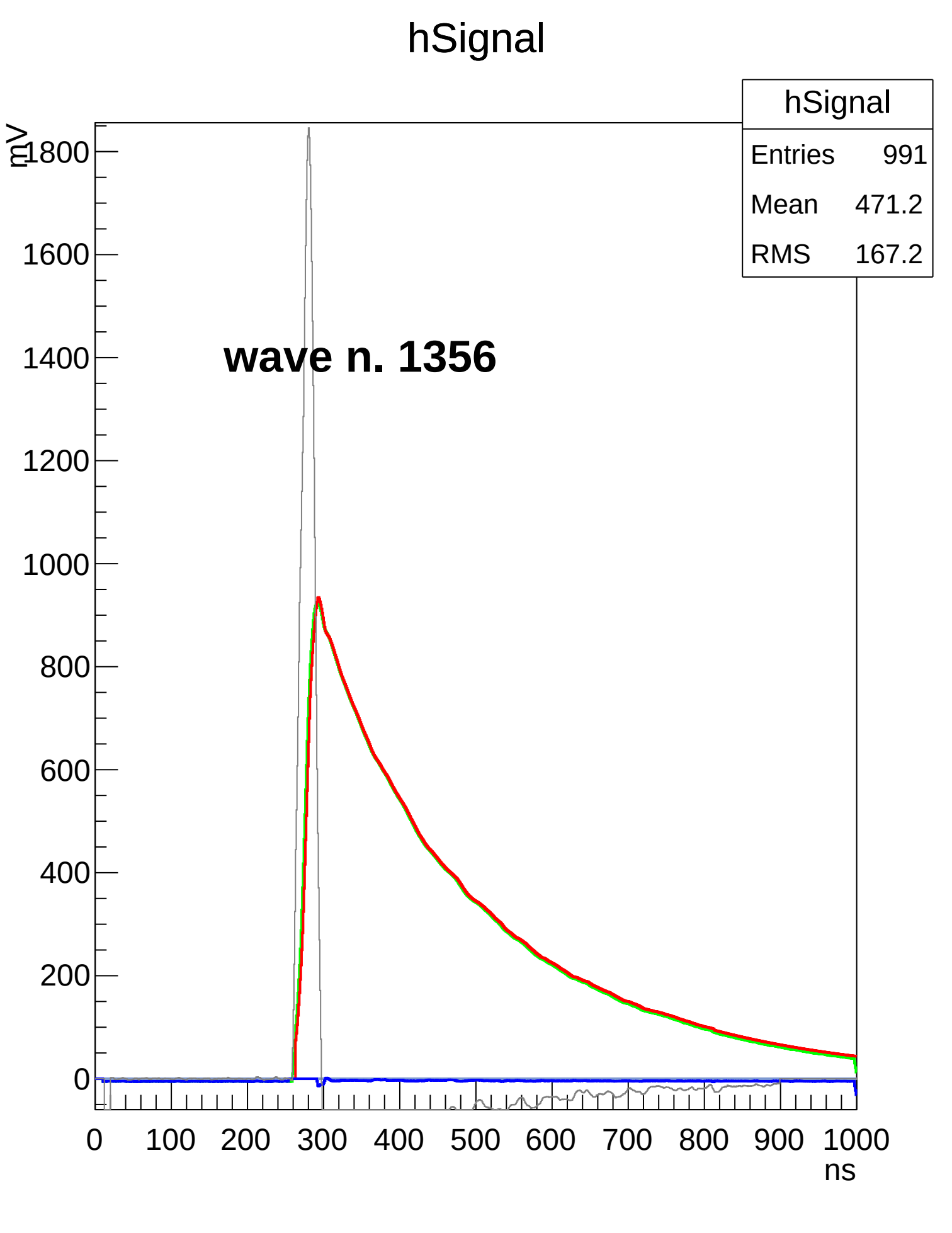
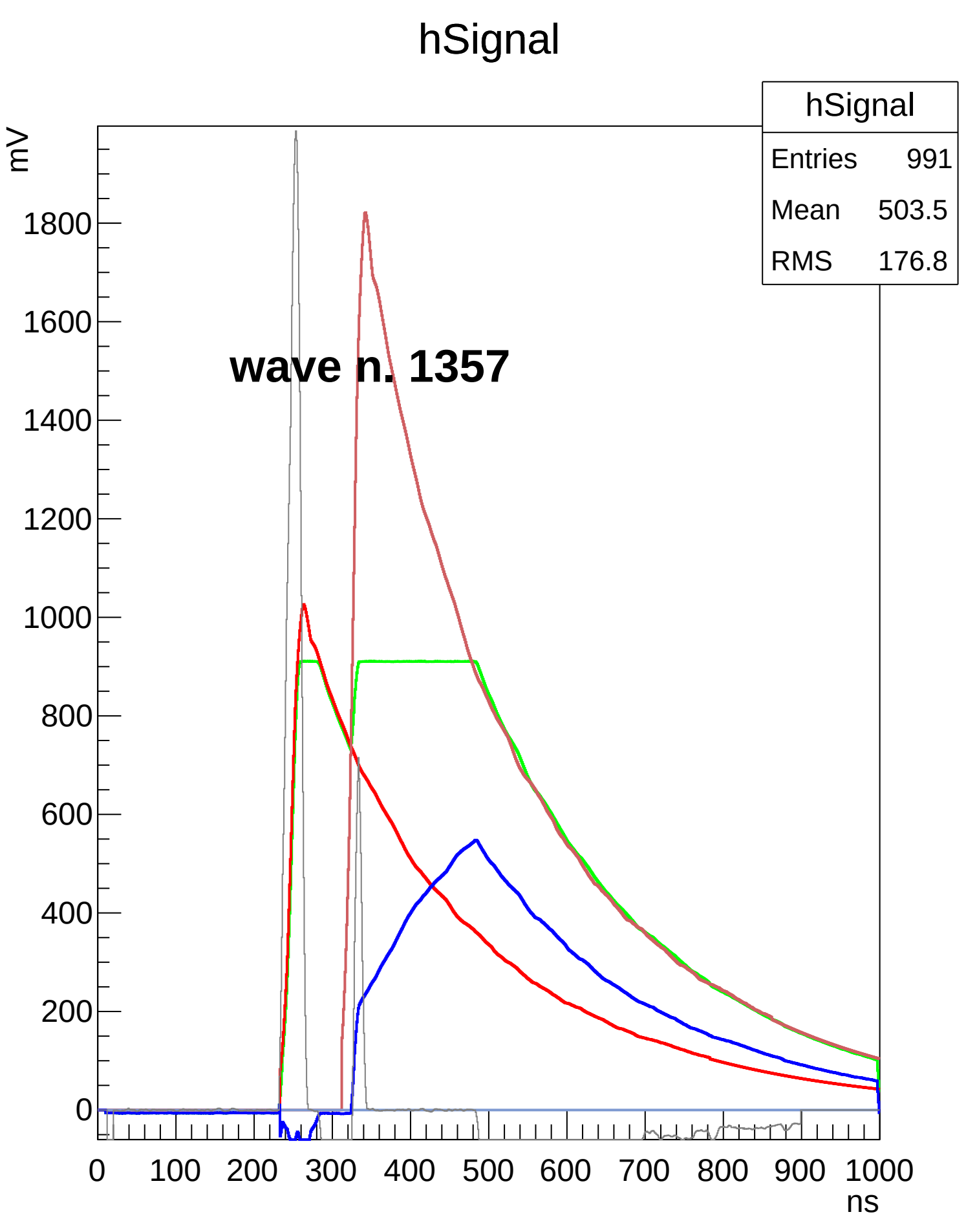
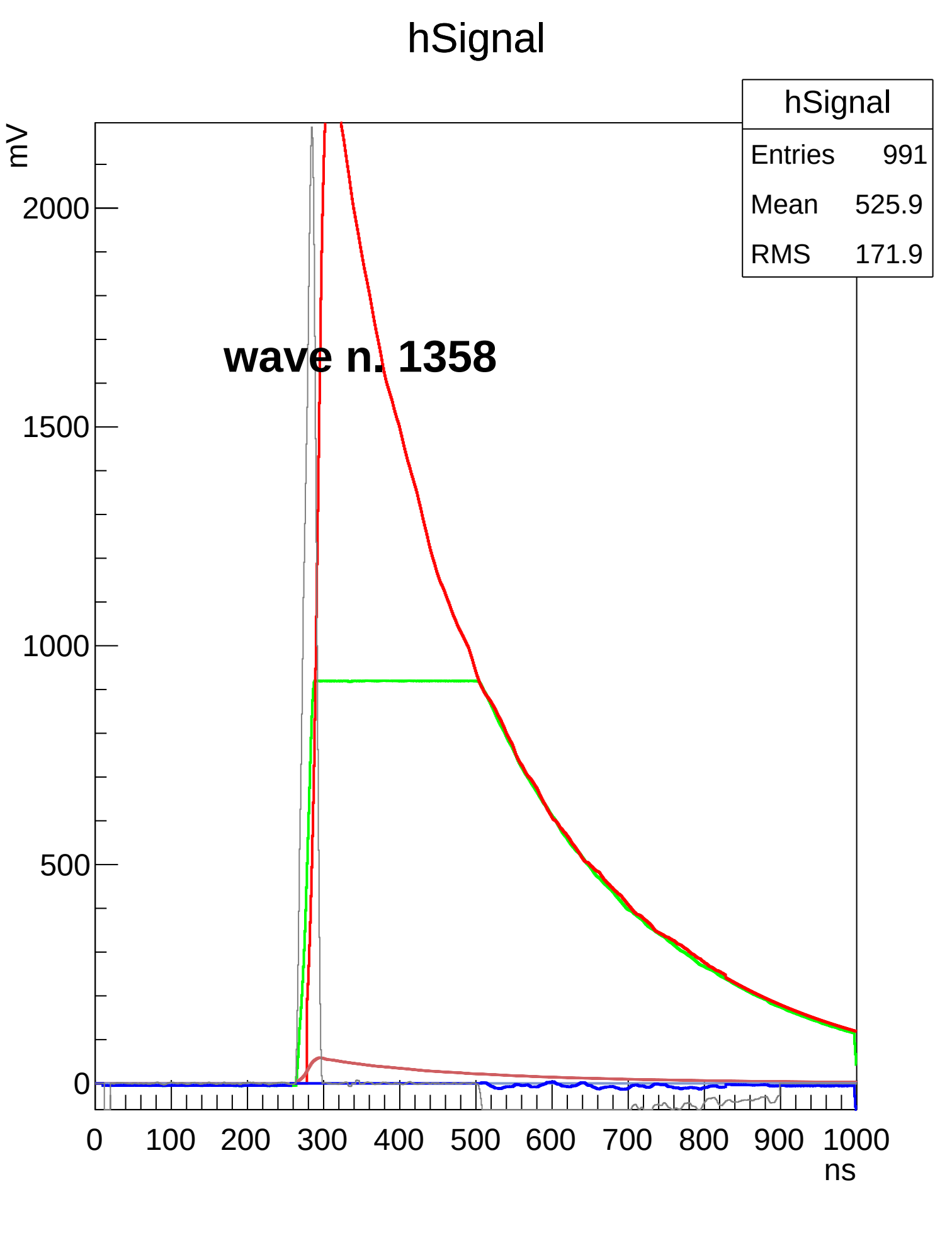
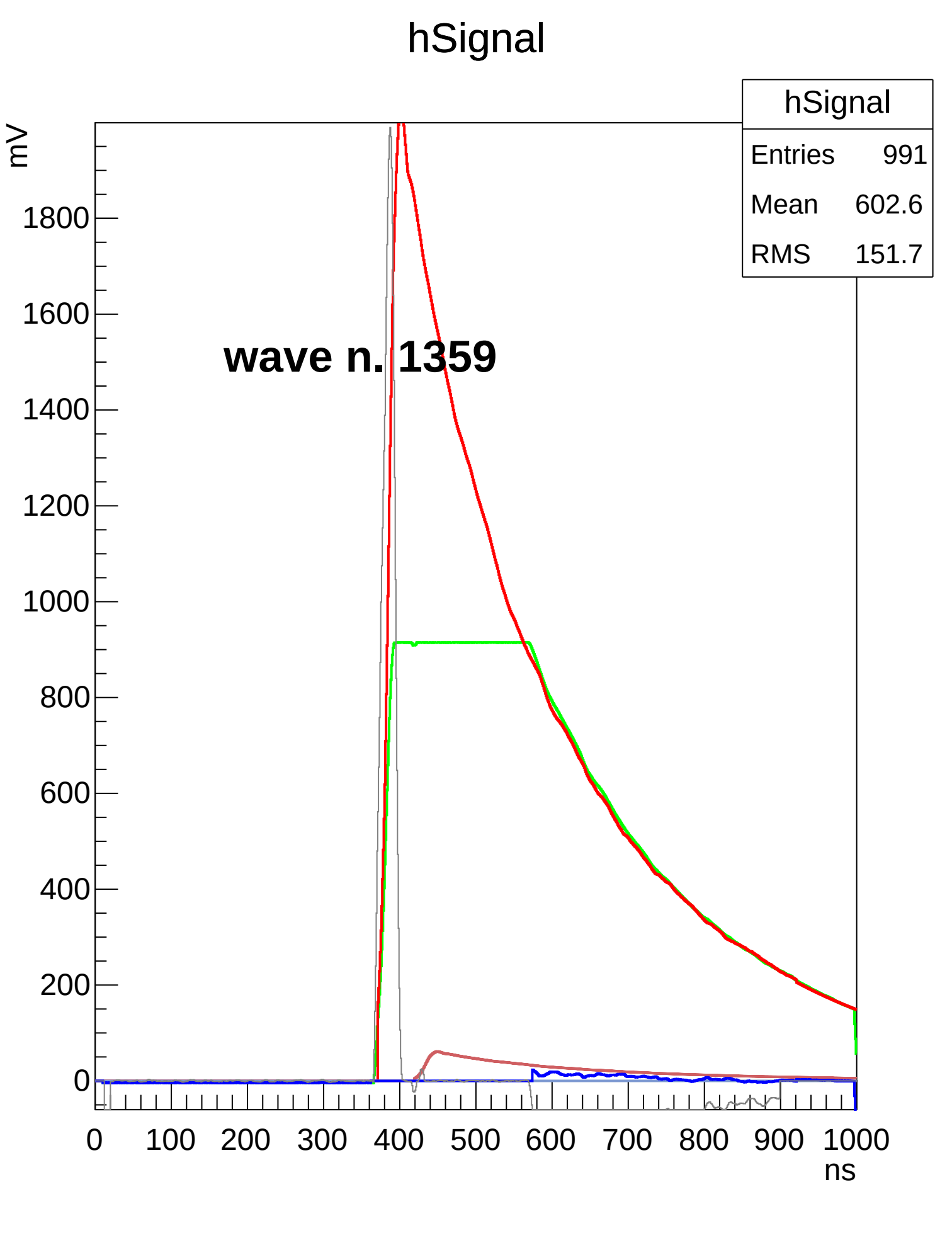
700
800
900
1000
ns

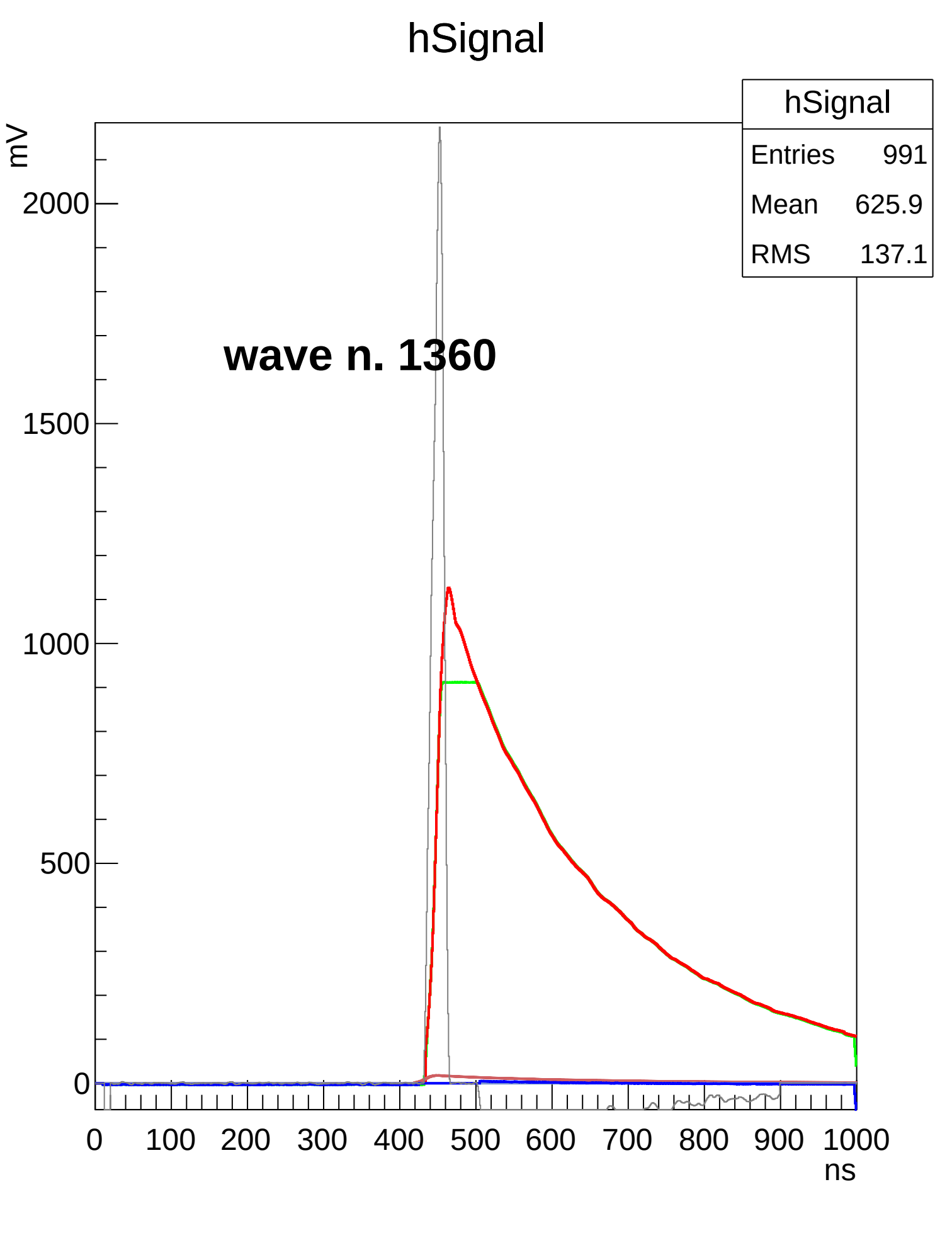

hSignal
hSignal
Entries 991
Mean 581
RMS 146.8
wave n. 1355
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 471.2
RMS 167.2
wave n. 1356
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.5
RMS 176.8
wave n. 1357
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 525.9
RMS 171.9
wave n. 1358
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 602.6
RMS 151.7
wave n. 1359
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 625.9
RMS 137.1
wave n. 1360
mV
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1500
1000
500
0
0
100
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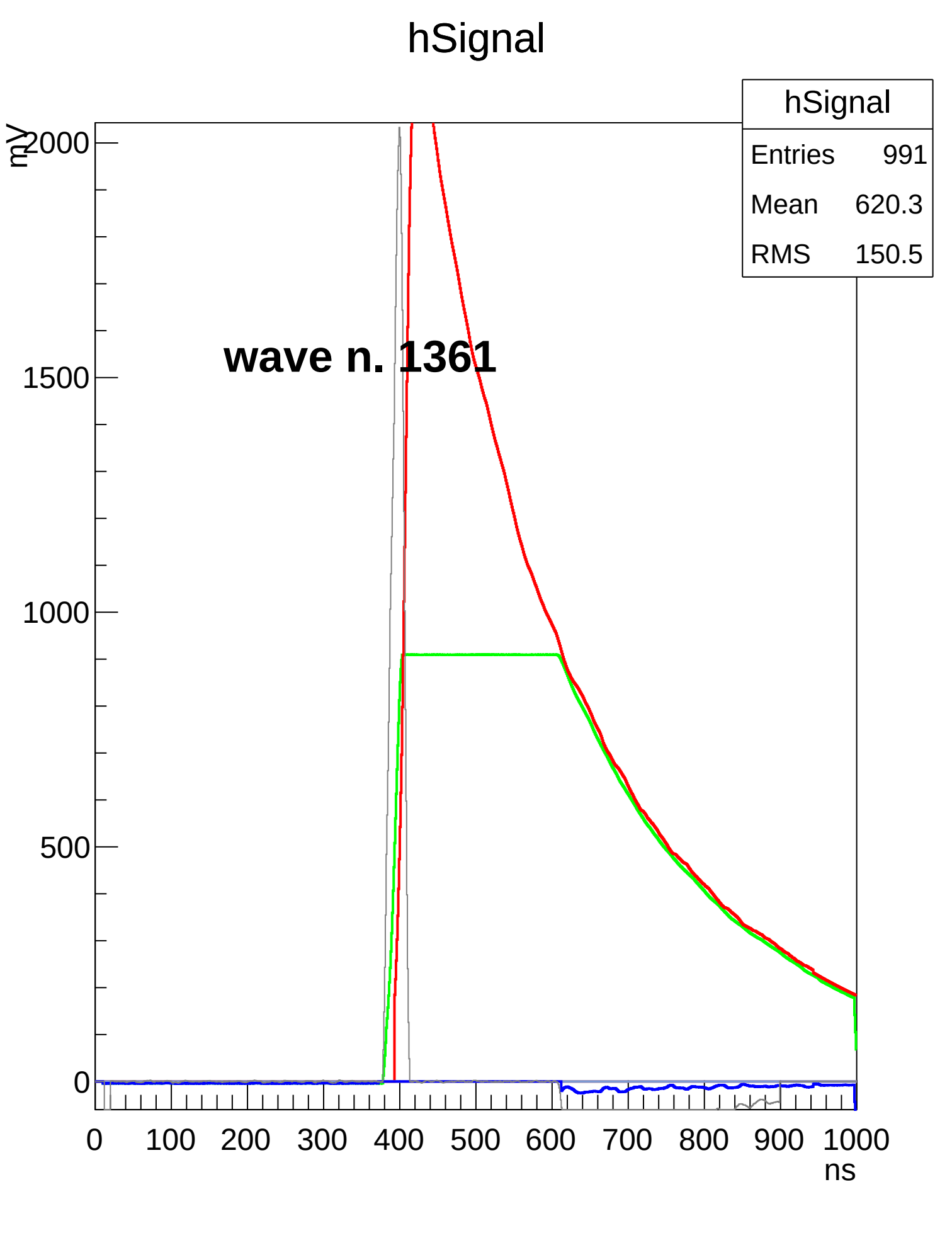
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 620.3
RMS 150.5
wave n. 1361
mV
2000
1500
1000
500
0
0
100
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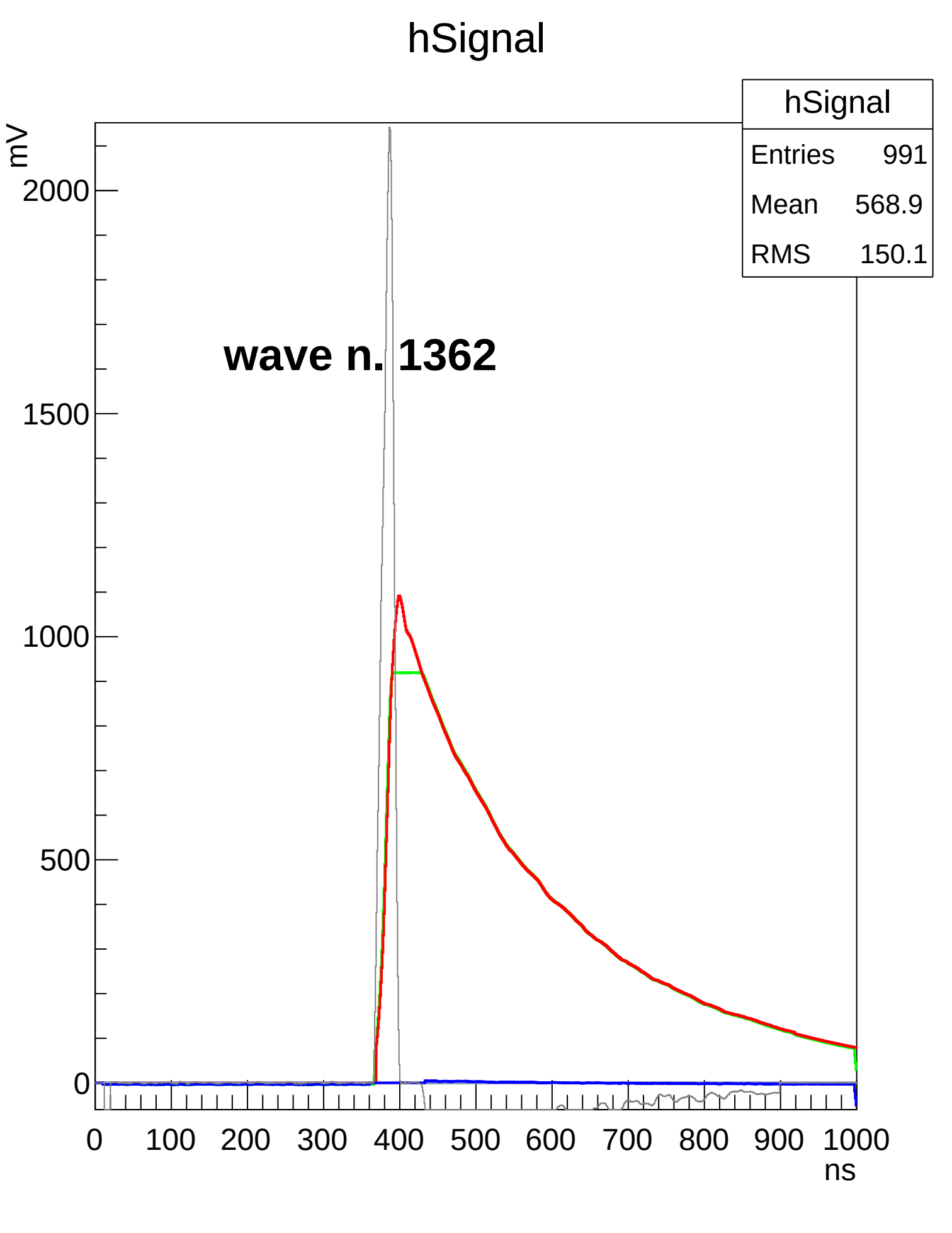
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 568.9
RMS 150.1
wave n. 1362
mV
2000
1500
1000
500
0
0
100
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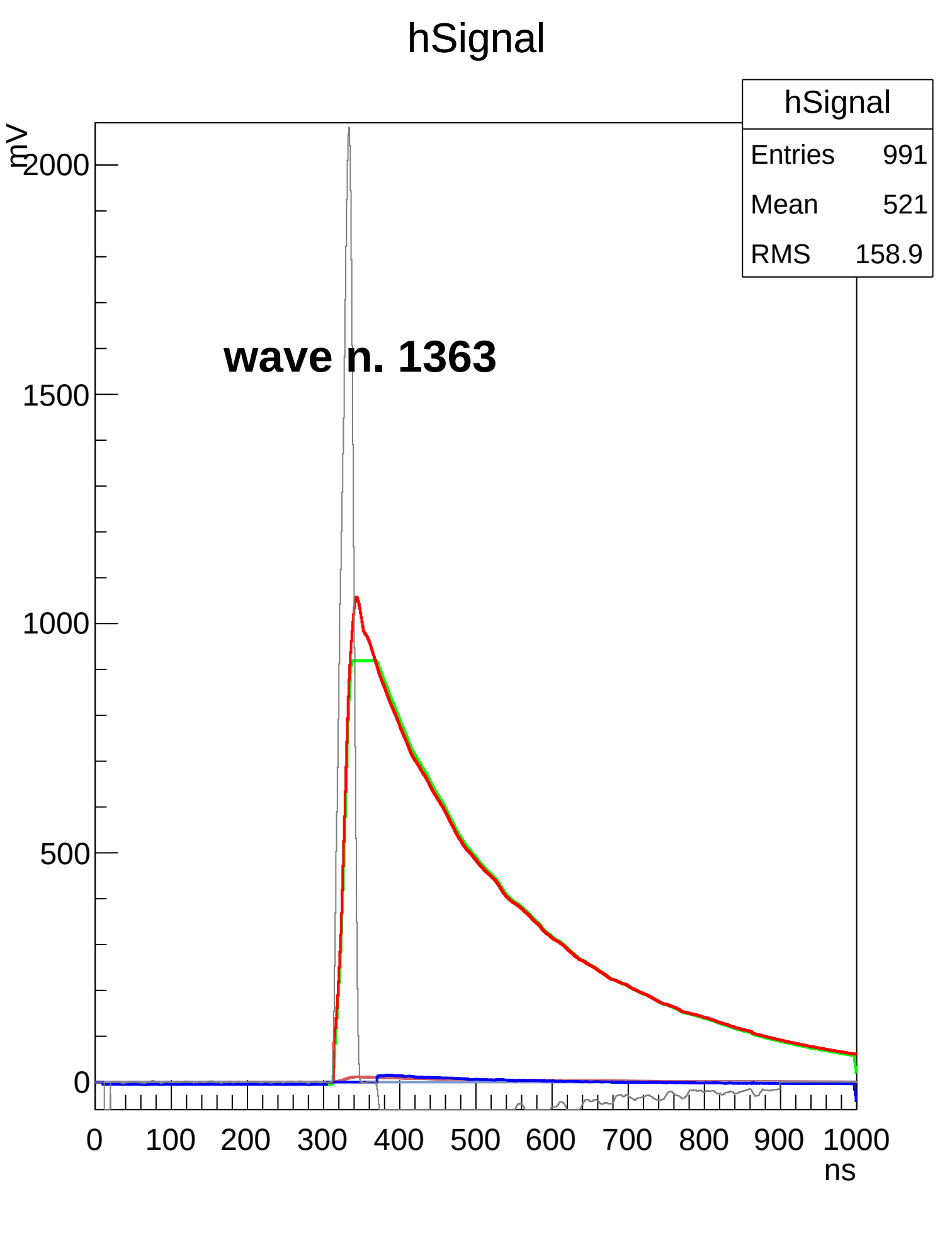
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521
RMS 158.9
wave n. 1363
mV
2000
1500
1000
500
0
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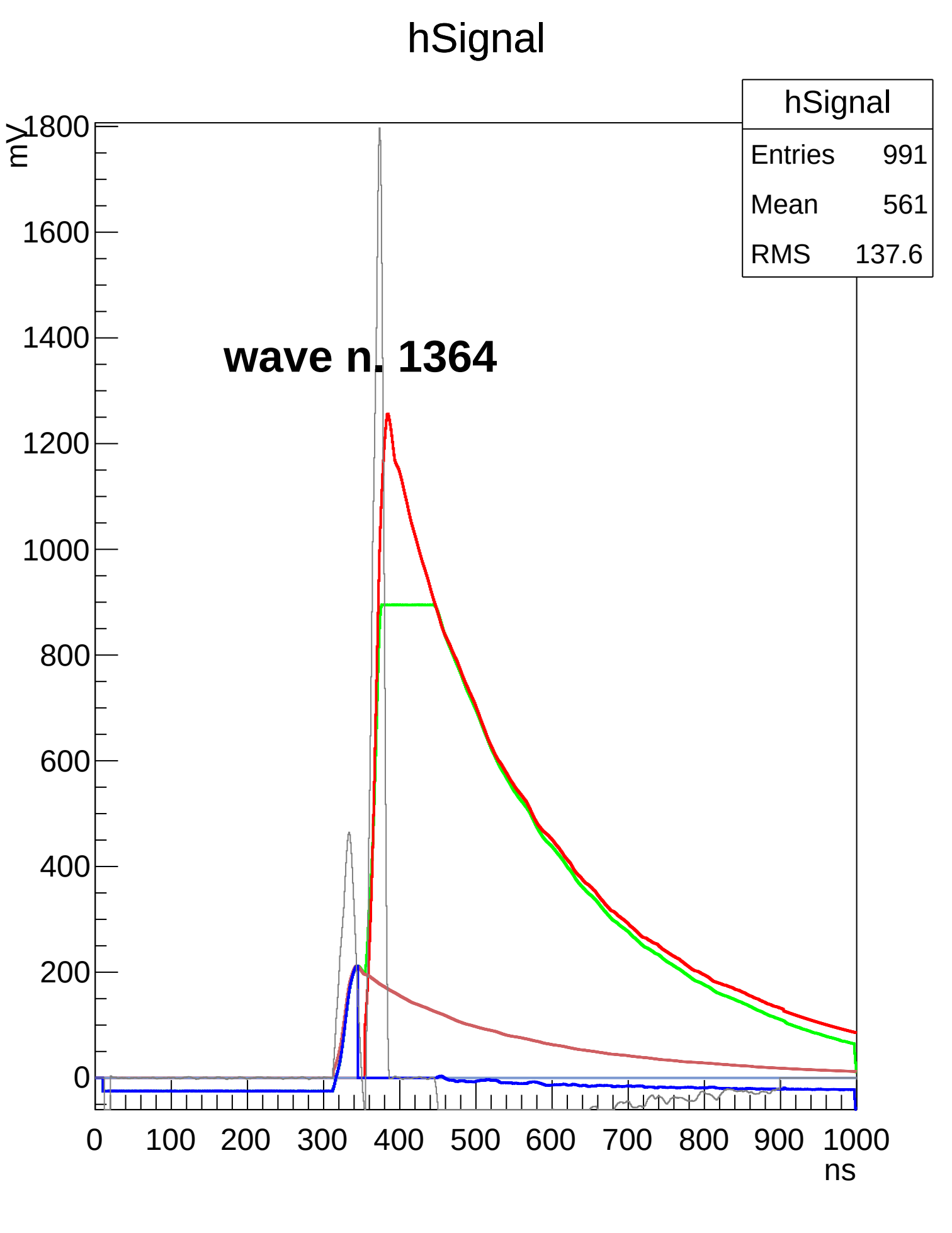
ns


hSignal
hSignal
Entries 991
Mean 561
RMS 137.6
wave n. 1364
mV
1800
1600
1400
1200
1000
800
600
400
200
0
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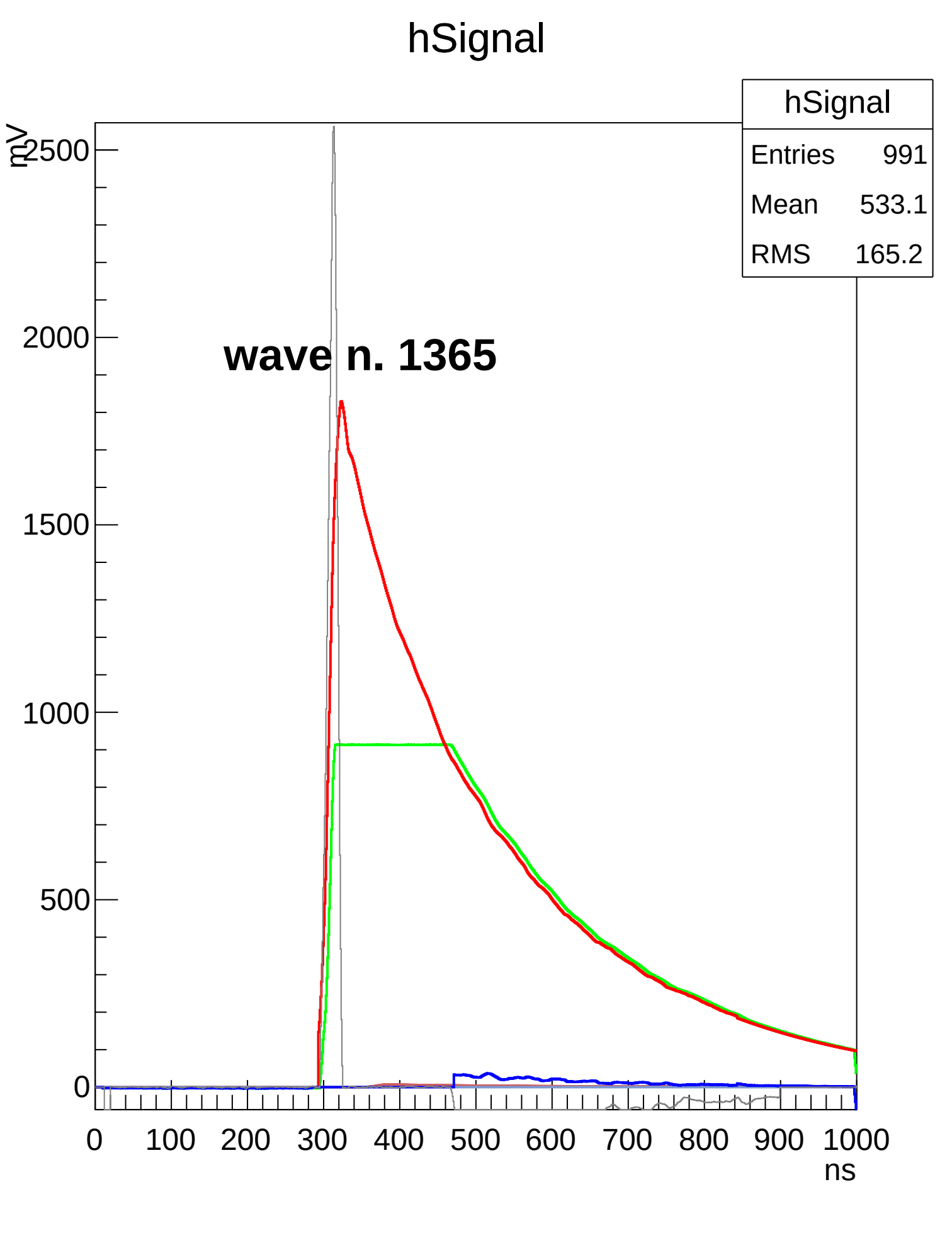
ns


hSignal
hSignal
Entries 991
Mean 533.1
RMS 165.2
wave n. 1365
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
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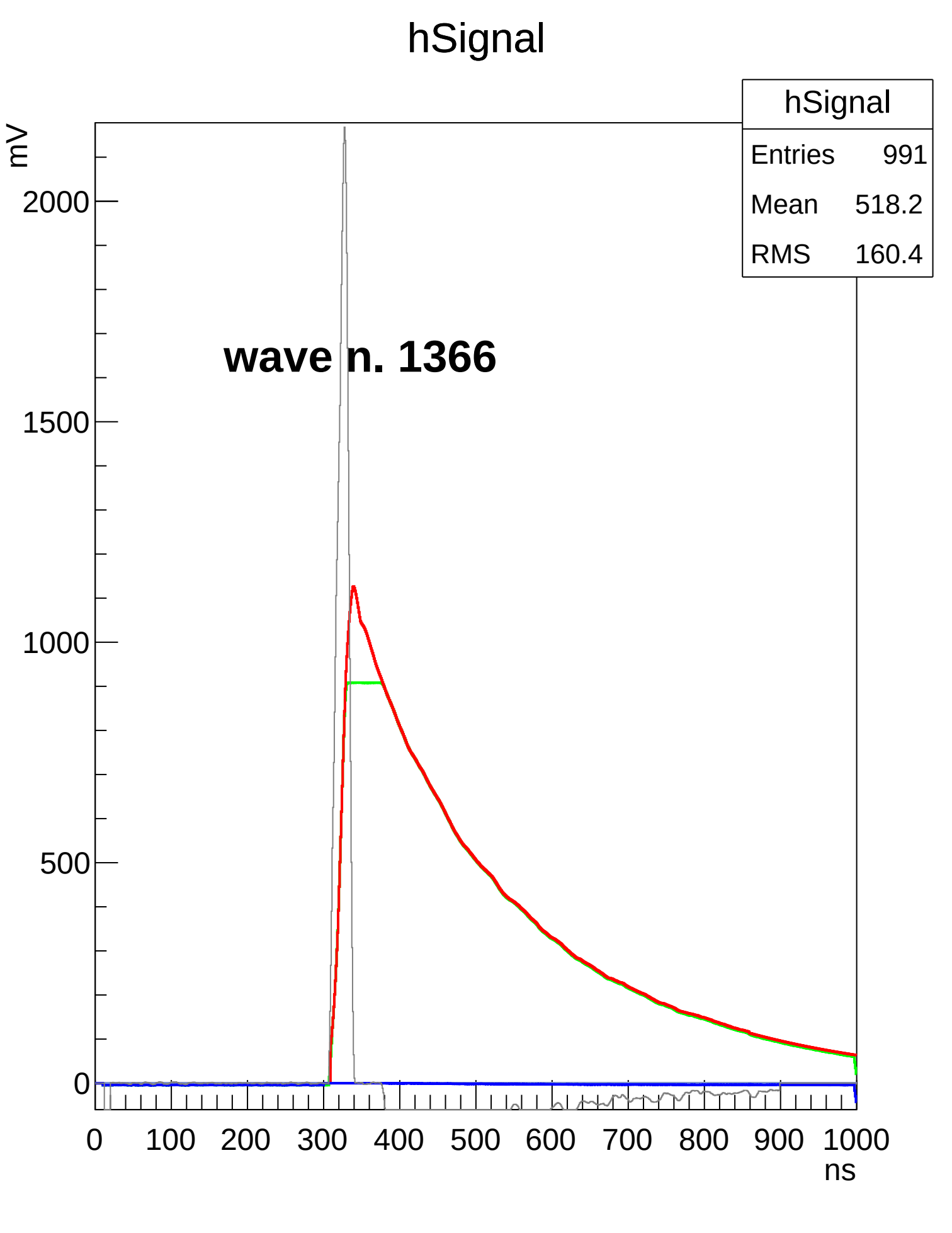
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.2
RMS 160.4
wave n. 1366
mV
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1500
1000
500
0
0
100
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1000
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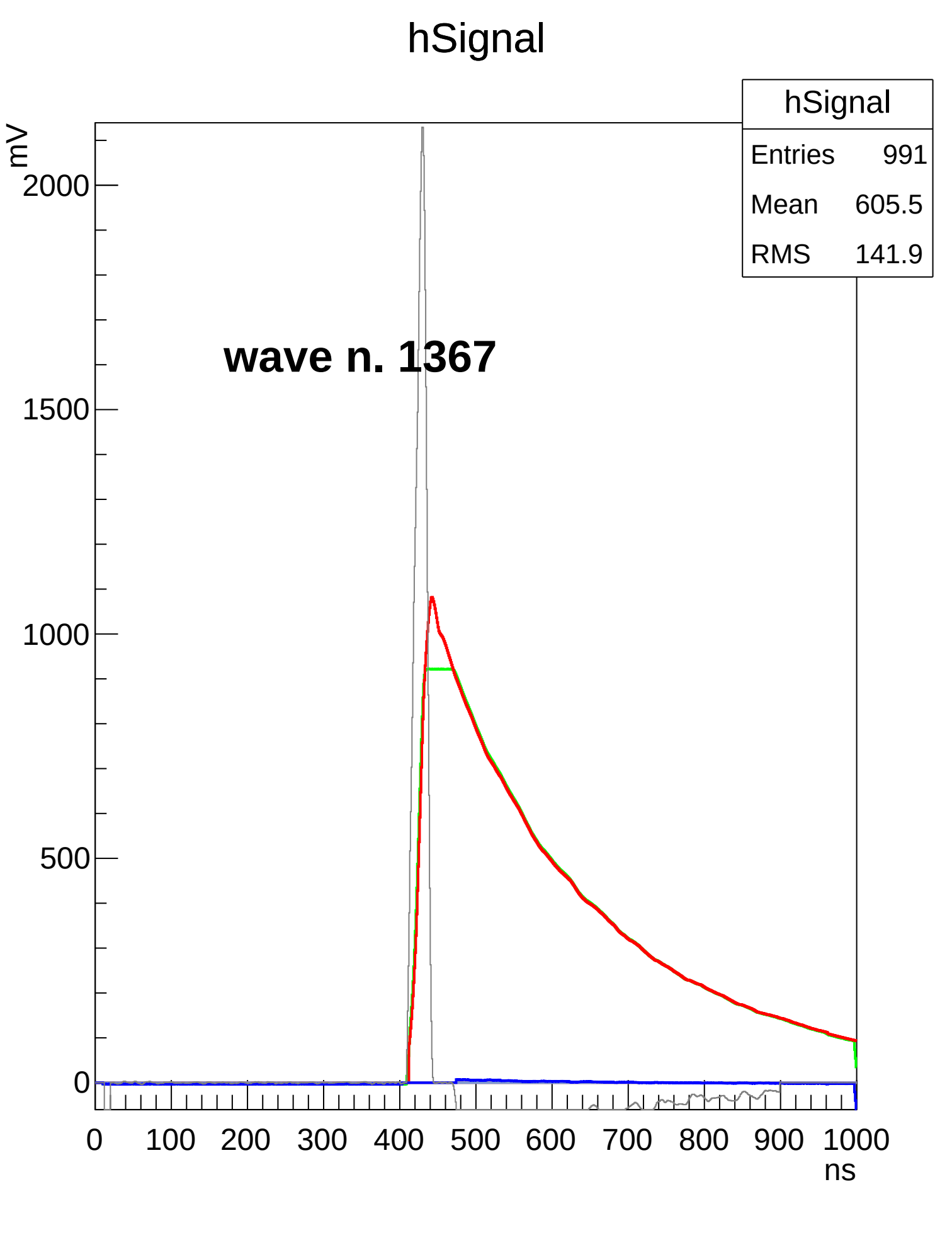
hSignal
hSignal
Entries 991
Mean 605.5
RMS 141.9
wave n. 1367
mV
2000
1500
1000
500
0
0
100
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400
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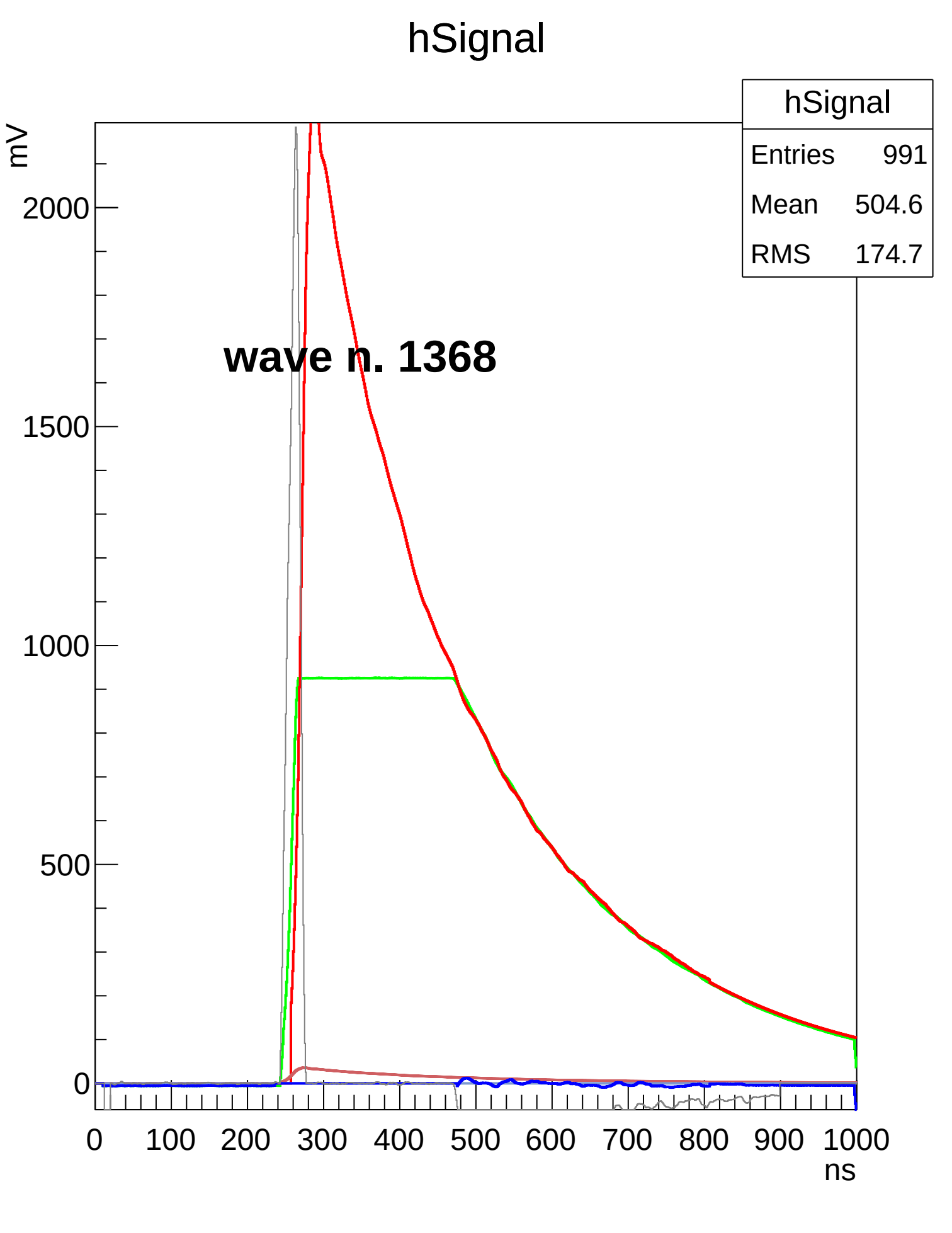
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.6
RMS 174.7
wave n. 1368
mV
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1500
1000
500
0
0
100
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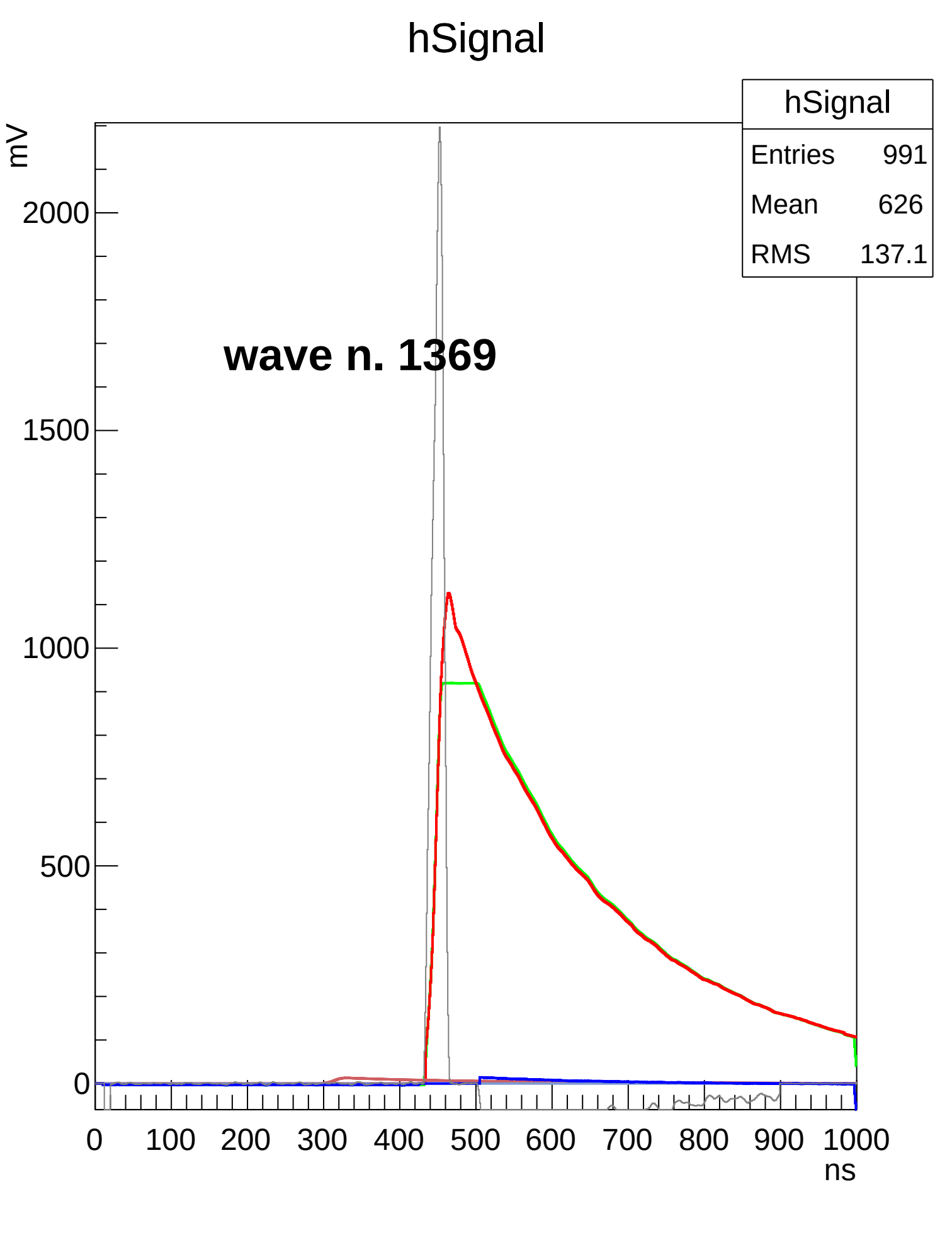
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 626
RMS 137.1
wave n. 1369
mV
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1000
500
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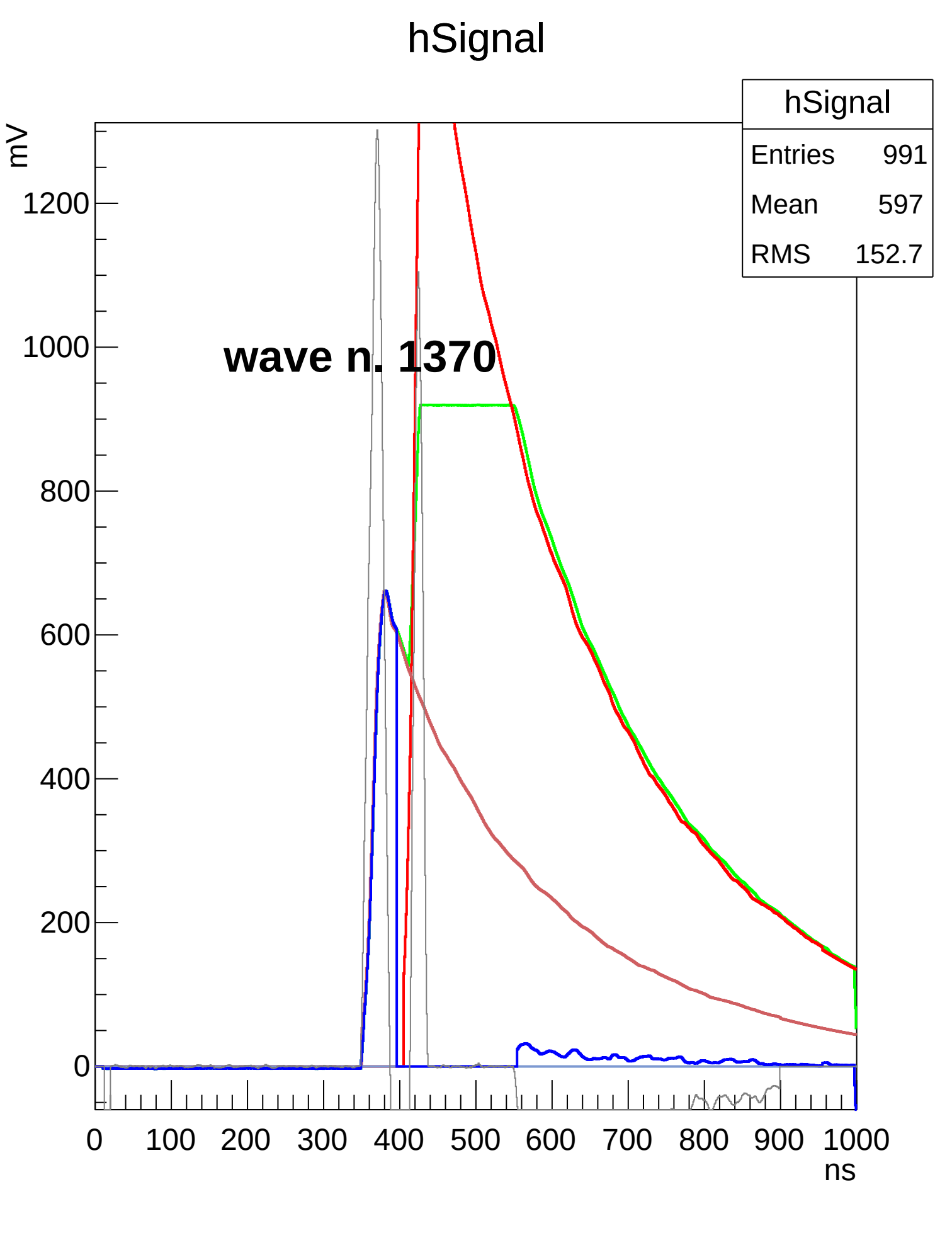
ns


hSignal
hSignal
Entries 991
Mean 597
RMS 152.7
wave n. 1370
mV
1200
1000
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400
200
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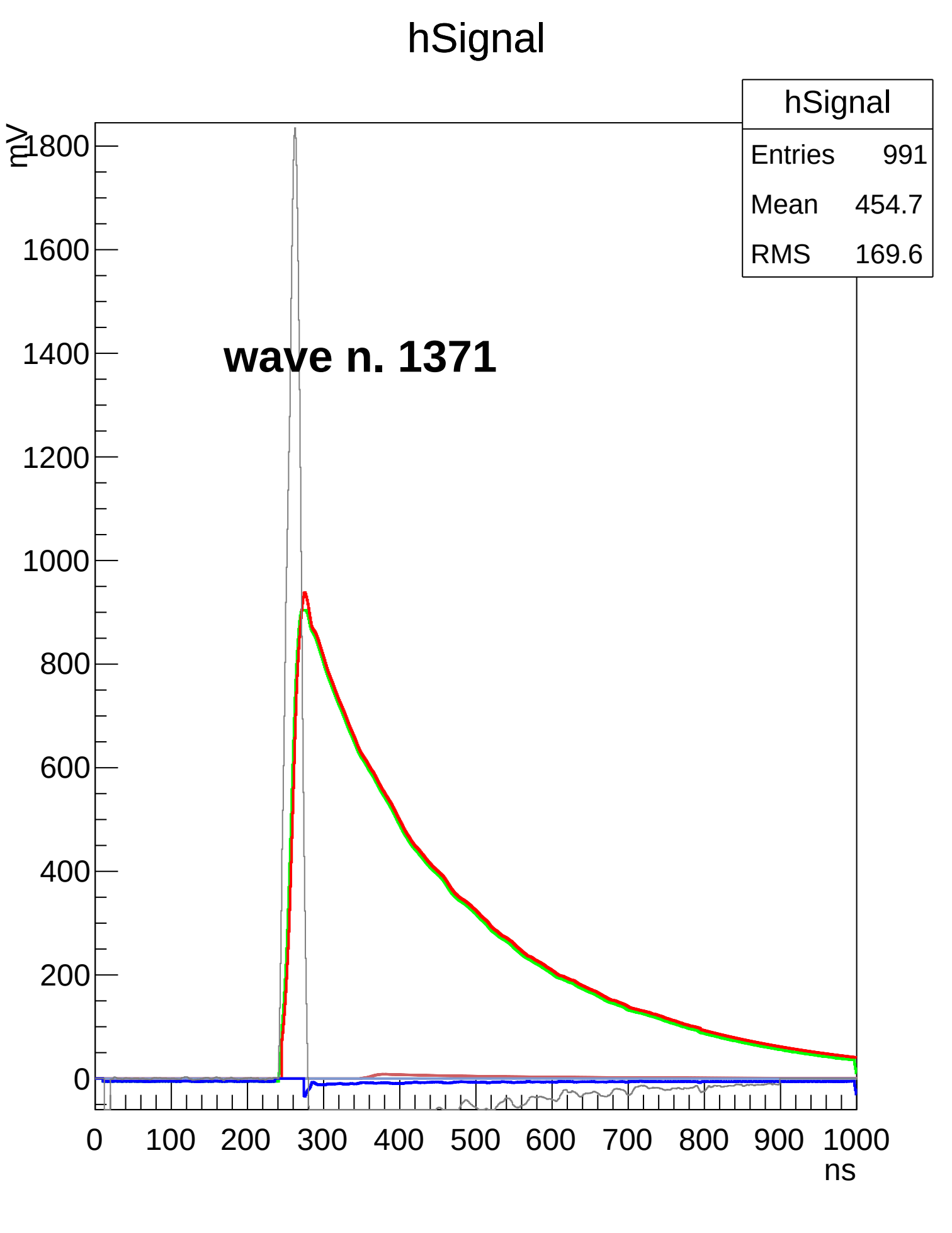
ns


hSignal
hSignal
Entries 991
Mean 454.7
RMS 169.6
wave n. 1371
mV
1800
1600
1400
1200
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600
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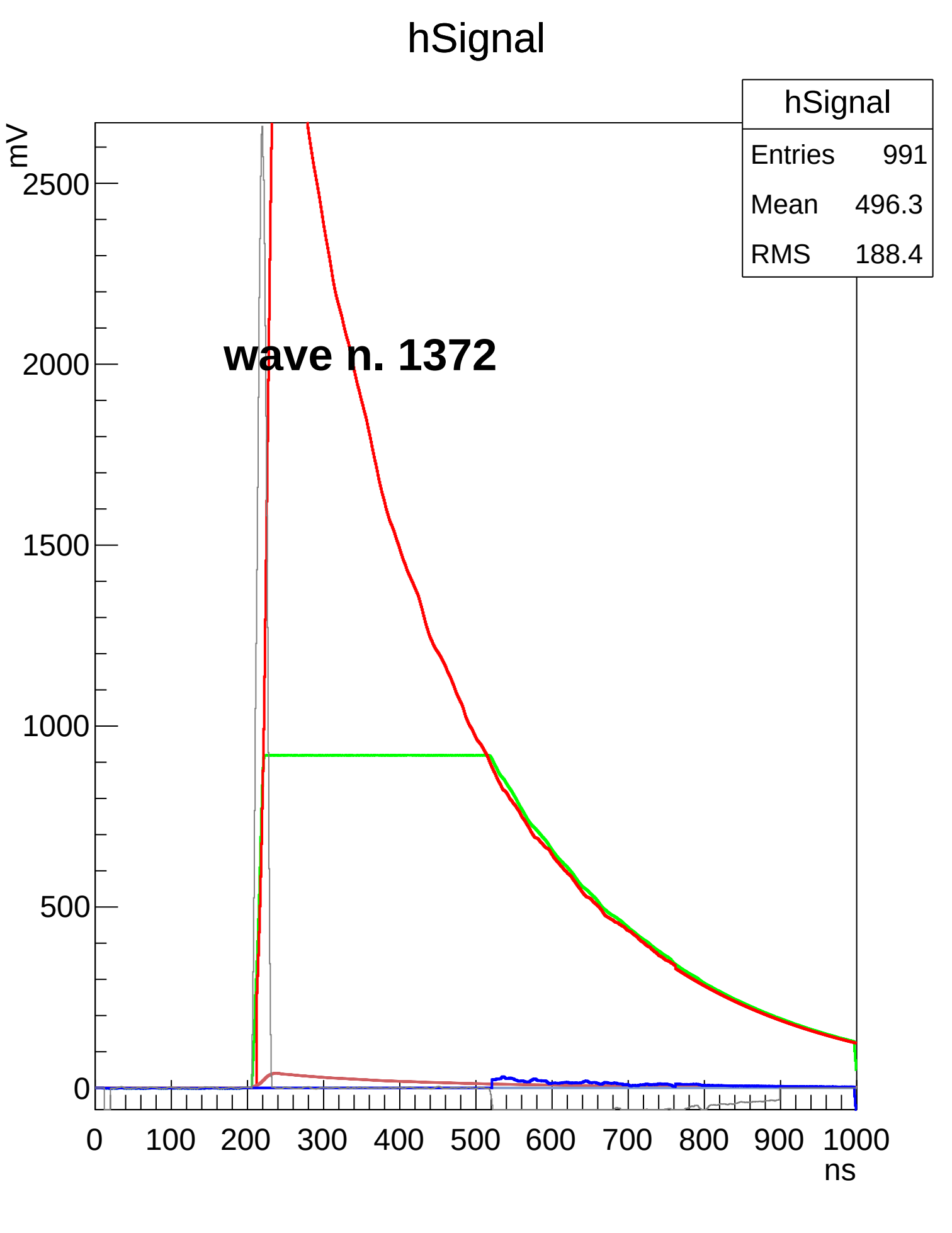
1000
ns


hSignal
hSignal
Entries 991
Mean 496.3
RMS 188.4
wave n. 1372
mV
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1000
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800
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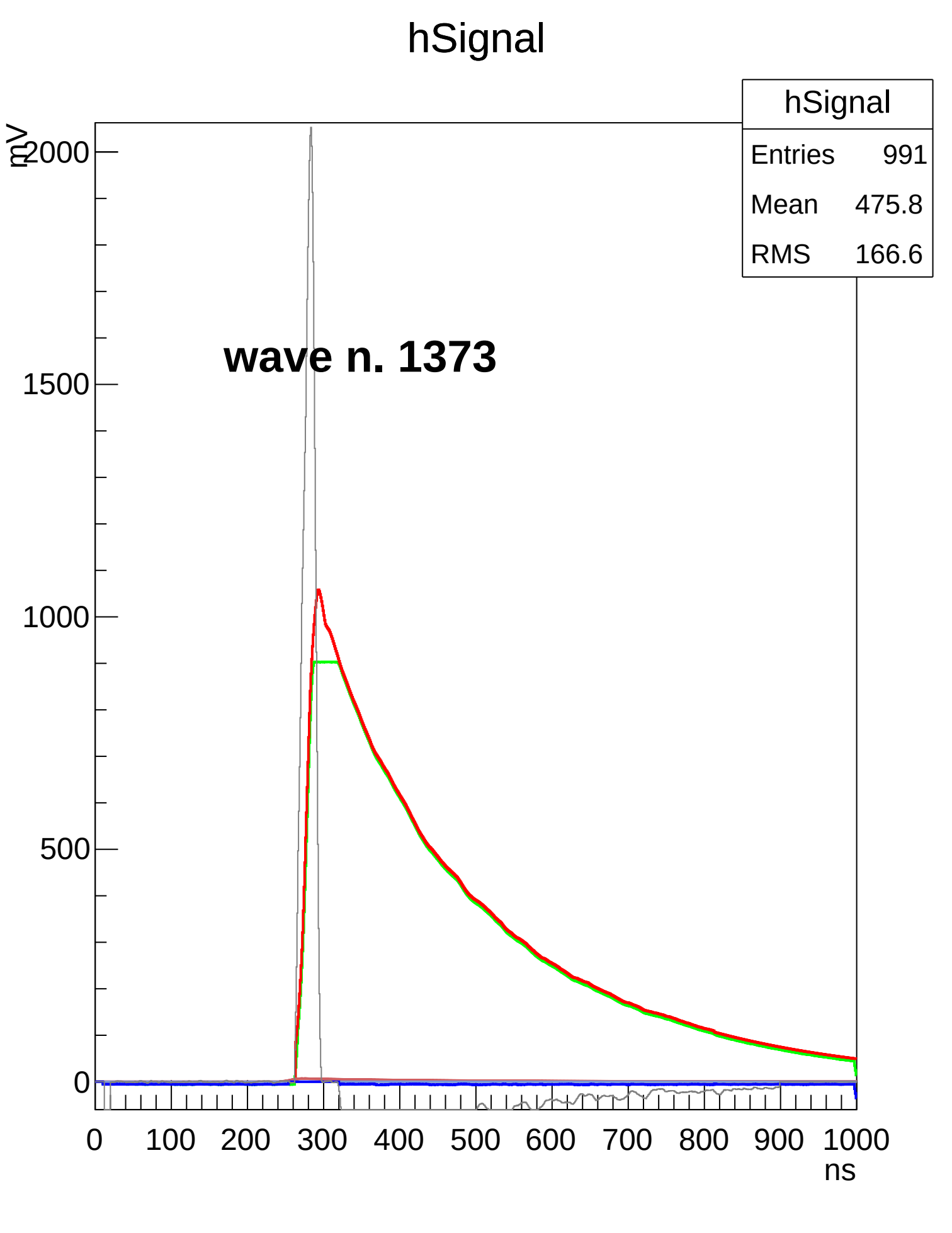
1000
ns


hSignal
hSignal
Entries 991
Mean 475.8
RMS 166.6
wave n. 1373
mV
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800
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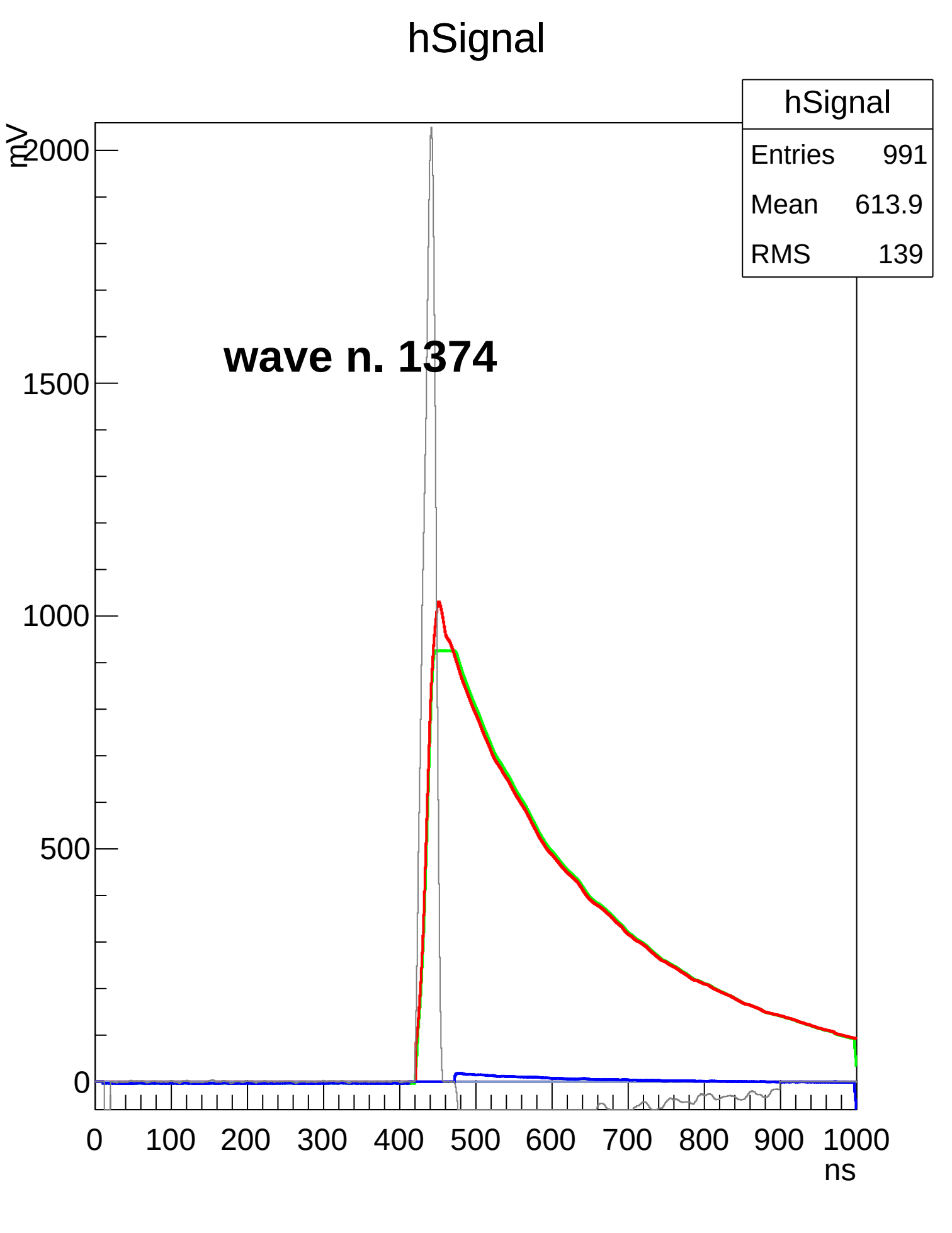
1000
ns


hSignal
hSignal
Entries 991
Mean 613.9
RMS 139
wave n. 1374
mV
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1500
1000
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1000
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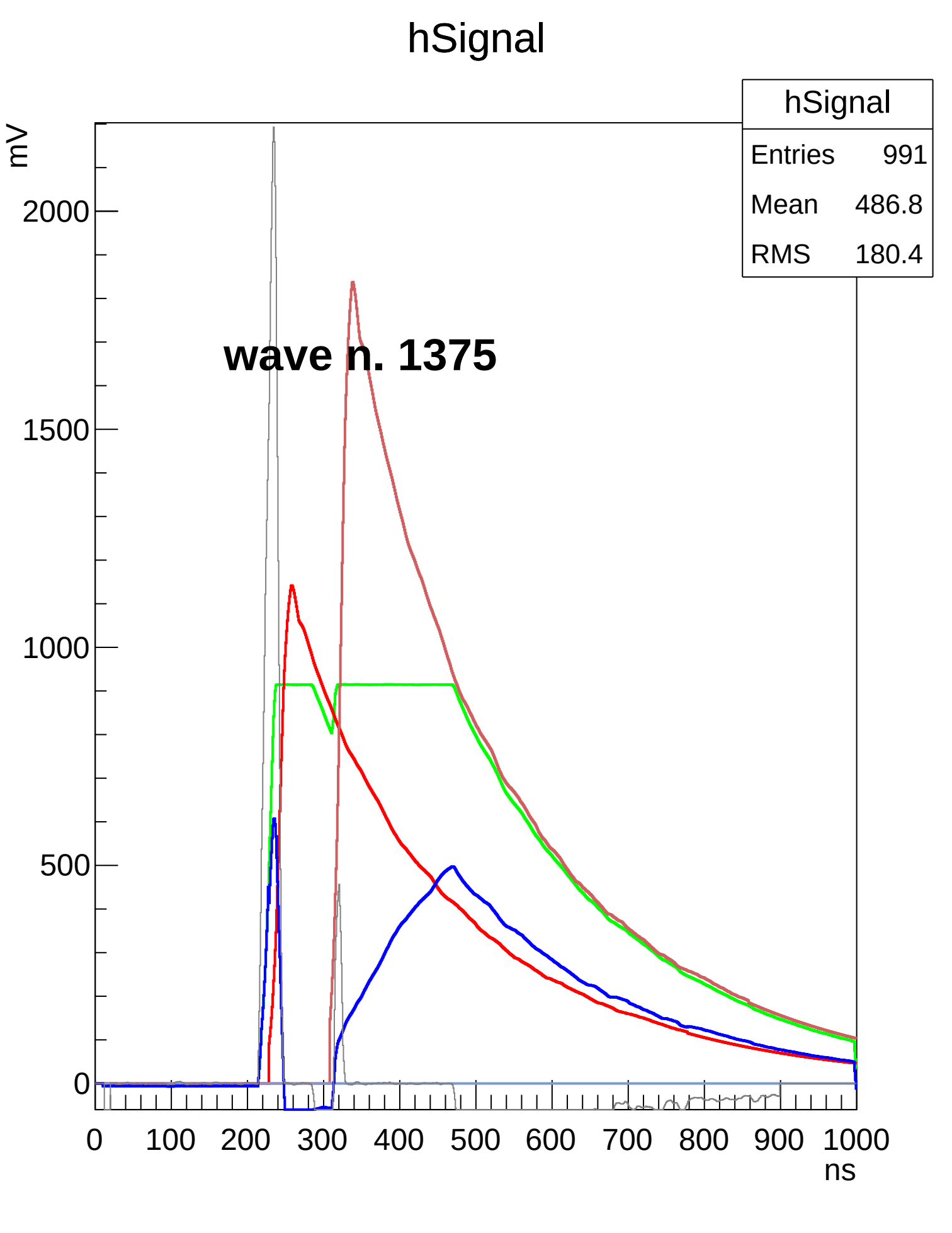
hSignal
hSignal
Entries 991
Mean 486.8
RMS 180.4
wave n. 1375
mV
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1500
1000
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0
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800
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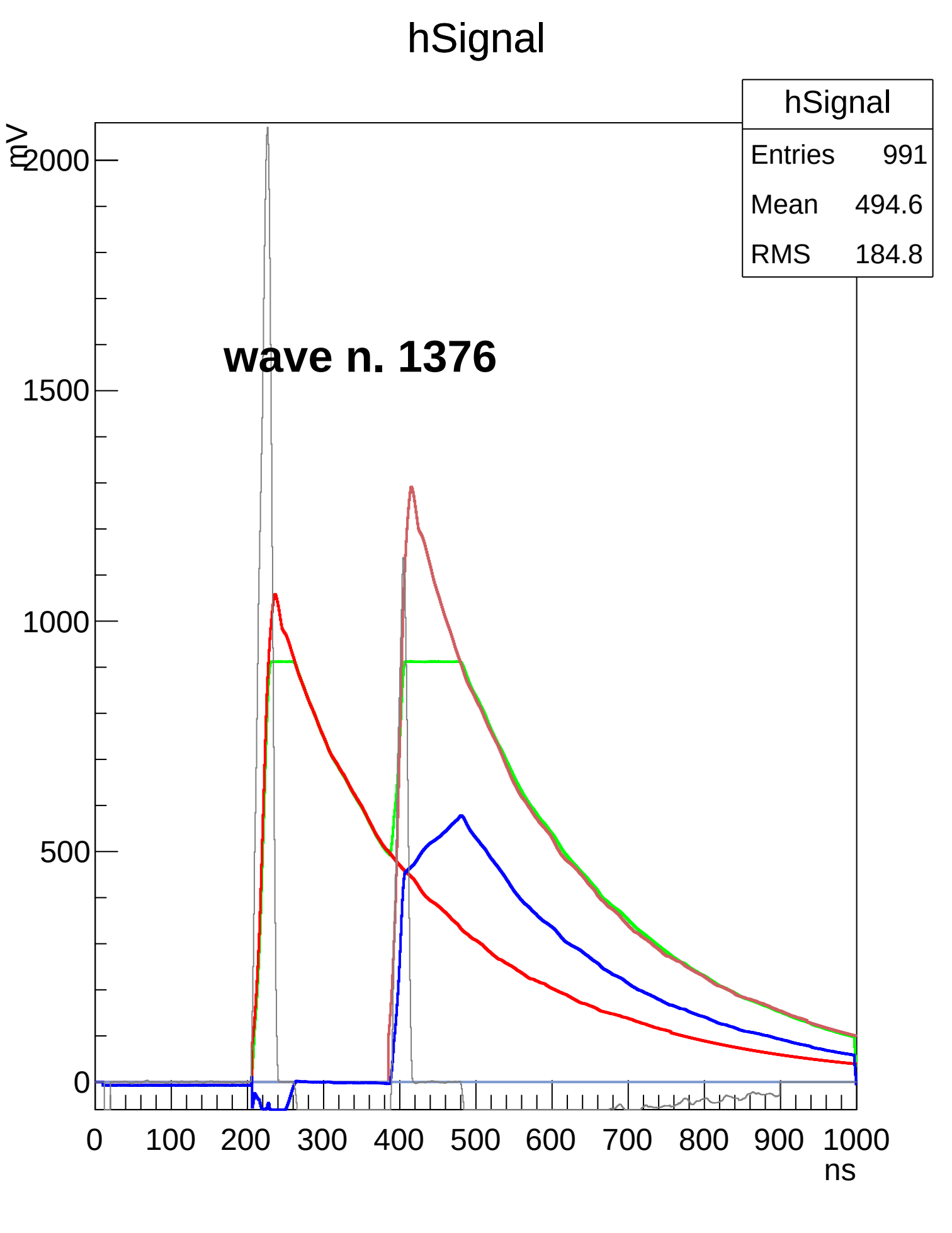
1000
ns


hSignal
hSignal
Entries 991
Mean 494.6
RMS 184.8
wave n. 1376
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1500
1000
500
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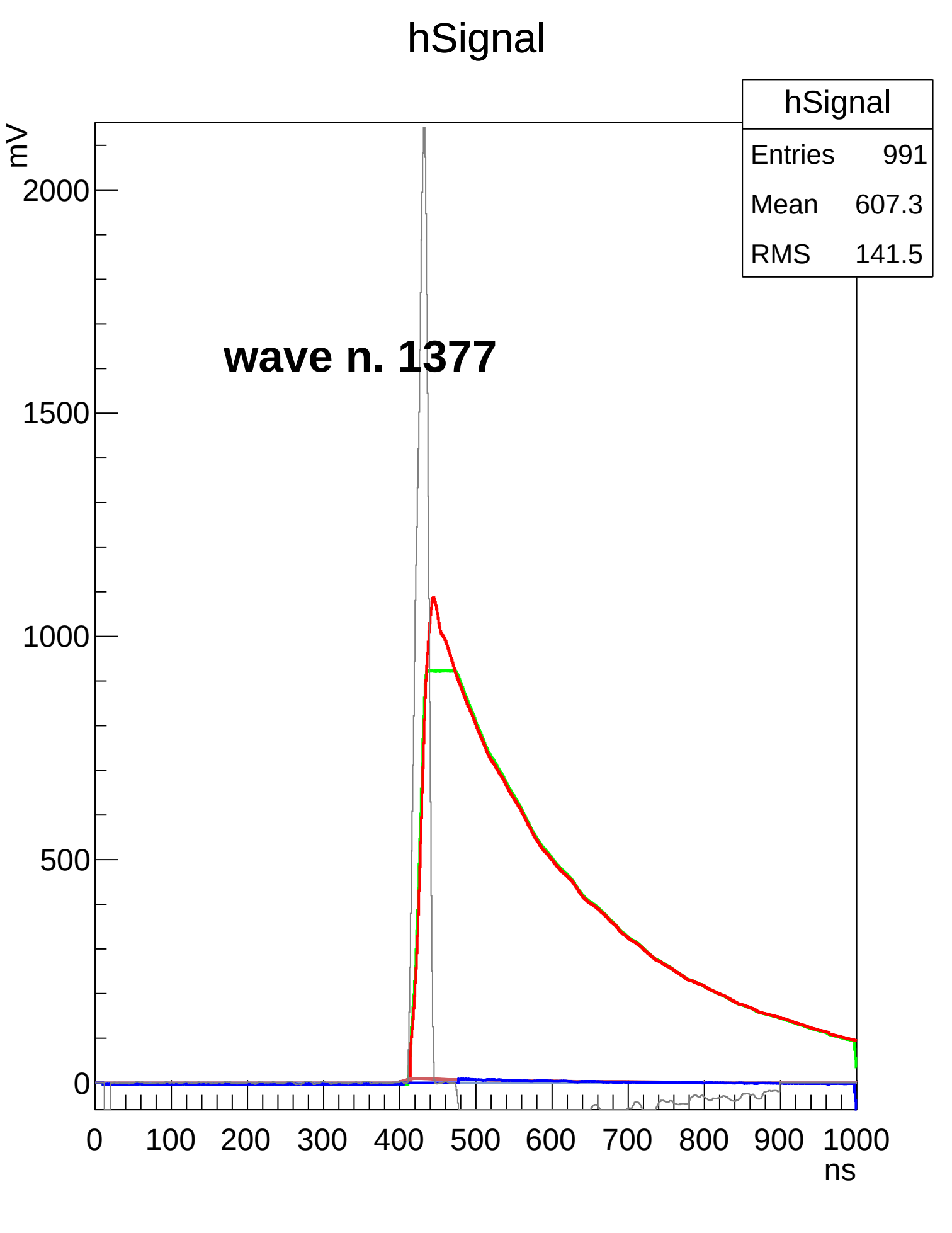
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 607.3
RMS 141.5
wave n. 1377
mV
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1500
1000
500
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0
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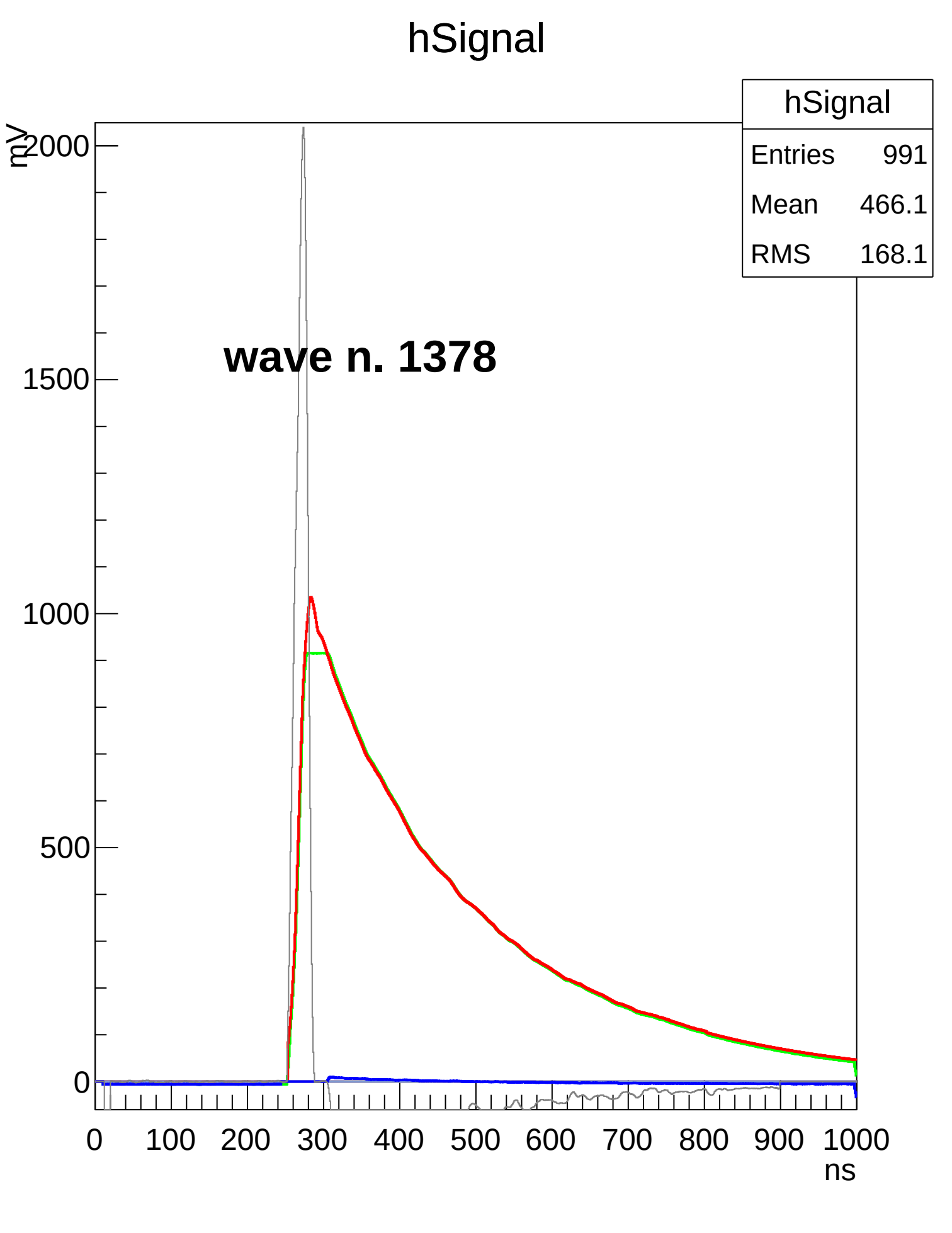
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 466.1
RMS 168.1
wave n. 1378
mV
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1500
1000
500
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100
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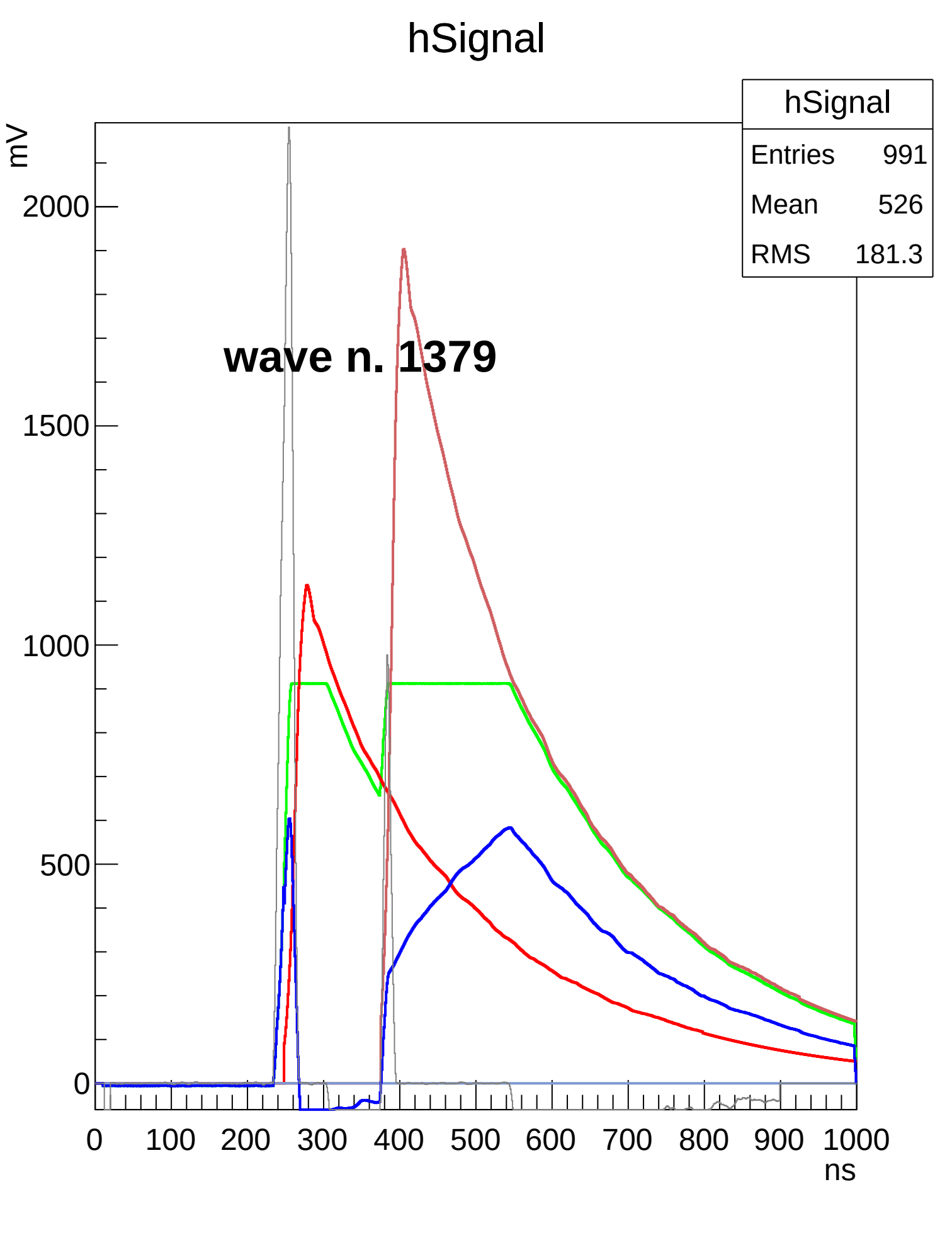
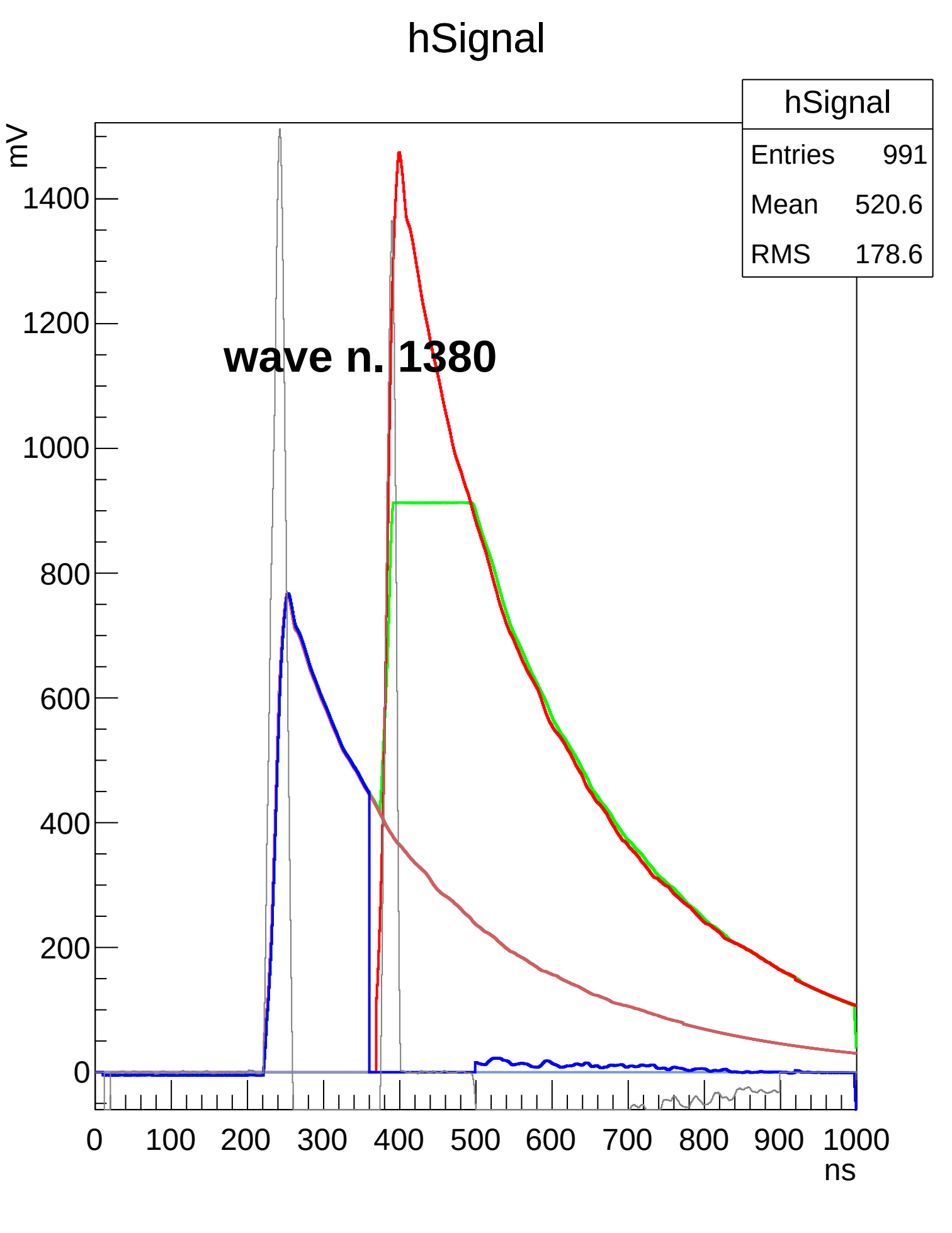
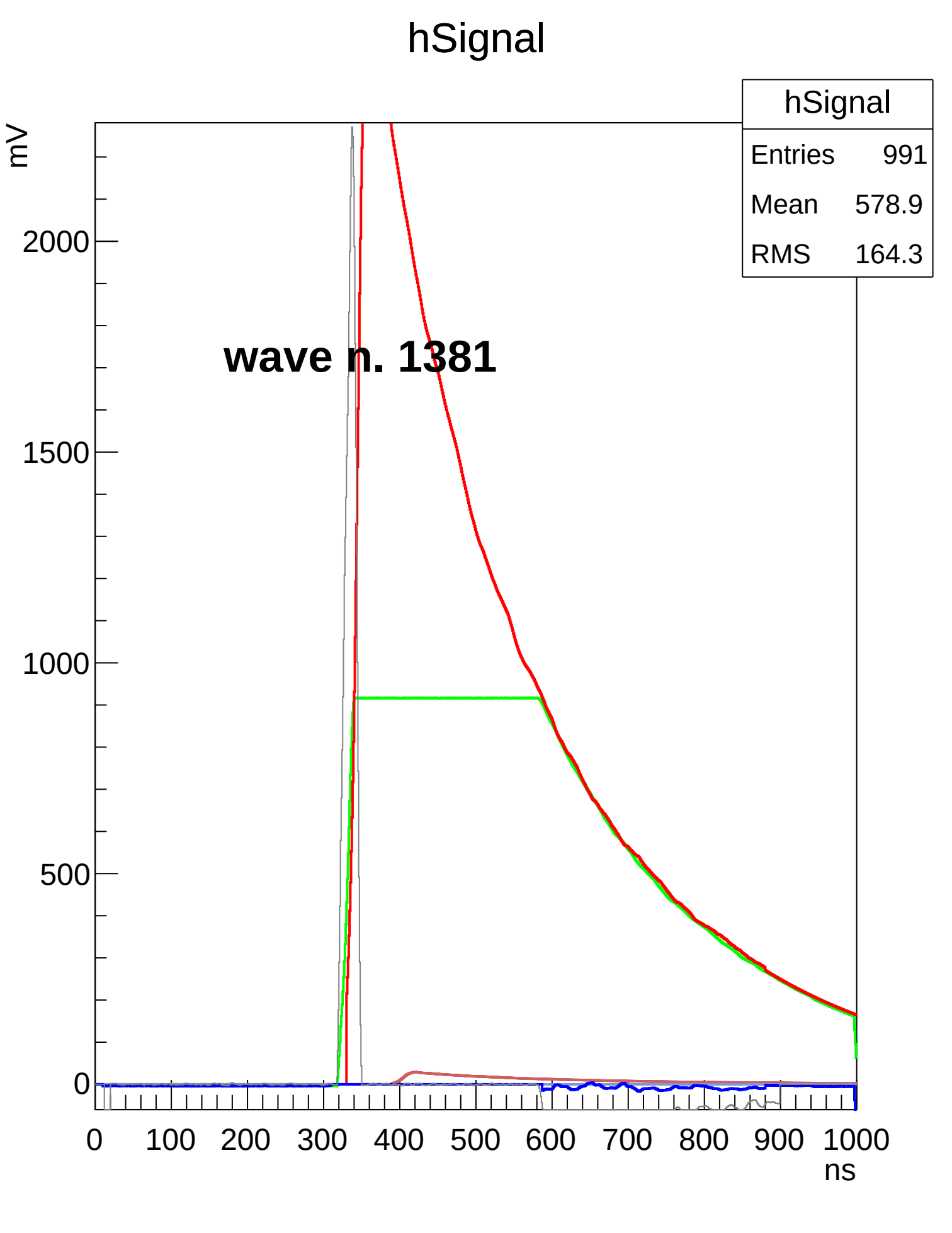
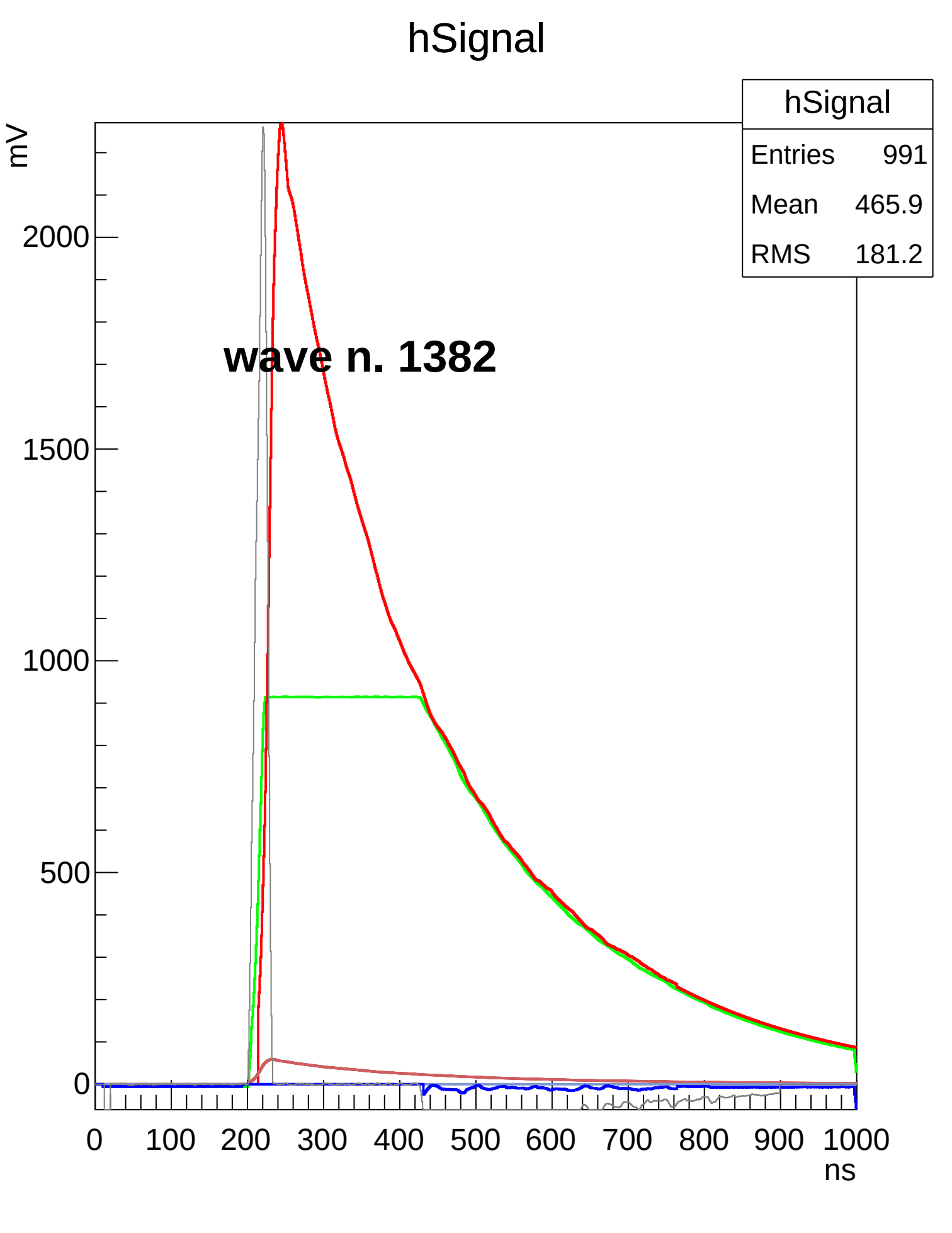
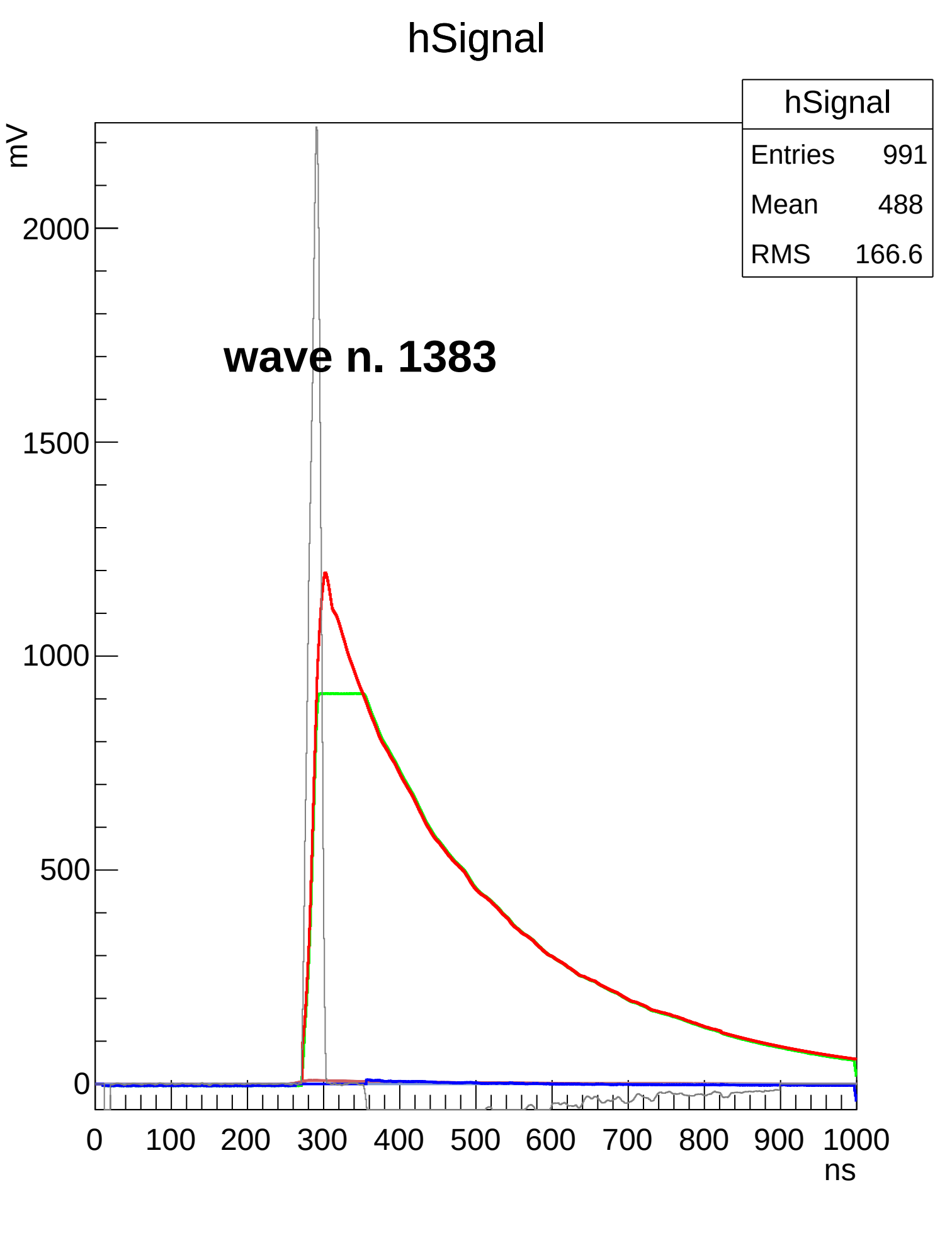
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 526
RMS 181.3
wave n. 1379
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 520.6
RMS 178.6
wave n. 1380
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578.9
RMS 164.3
wave n. 1381
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 465.9
RMS 181.2
wave n. 1382
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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Entries 991
Mean 488
RMS 166.6
wave n. 1383
mV
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1500
1000
500
0
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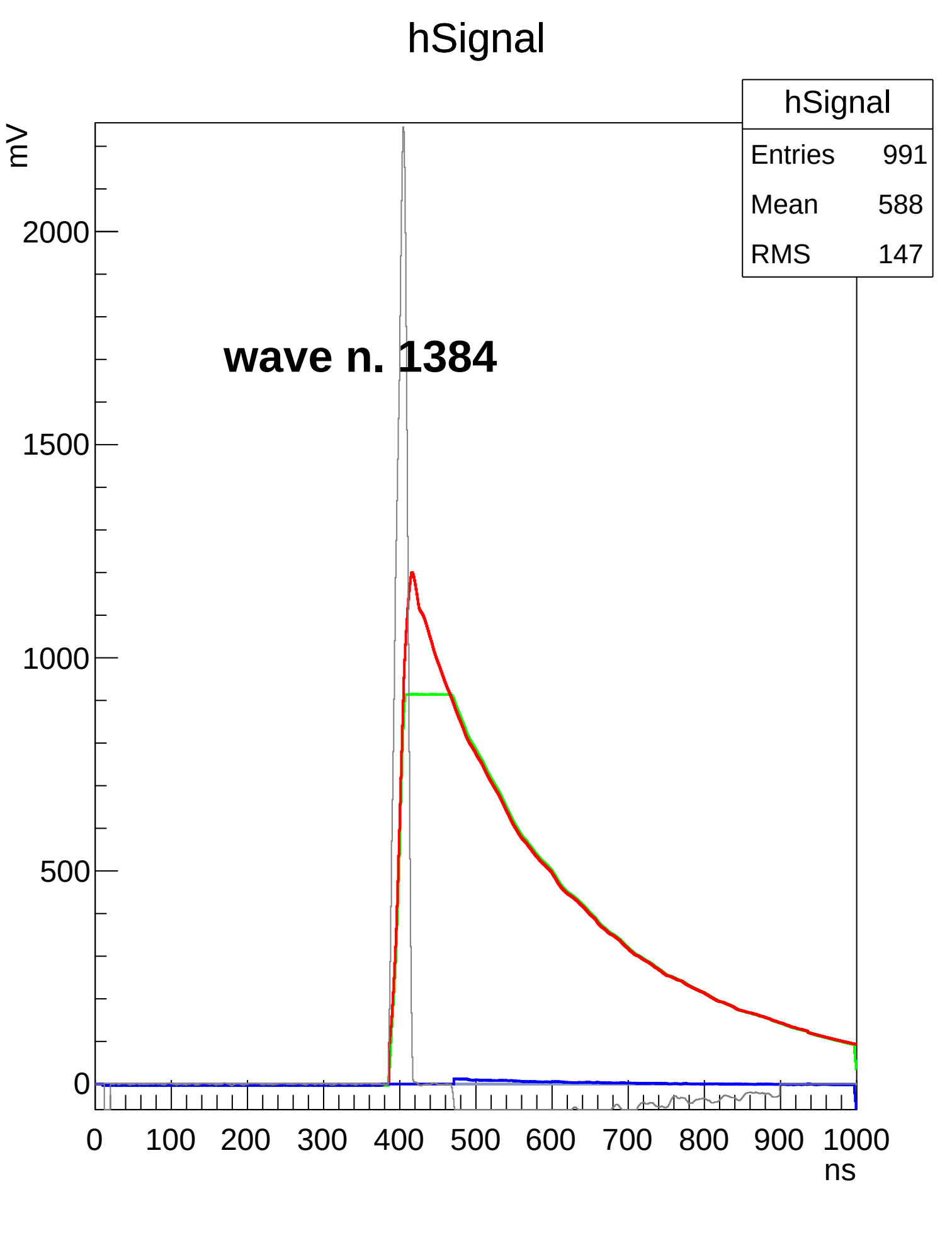
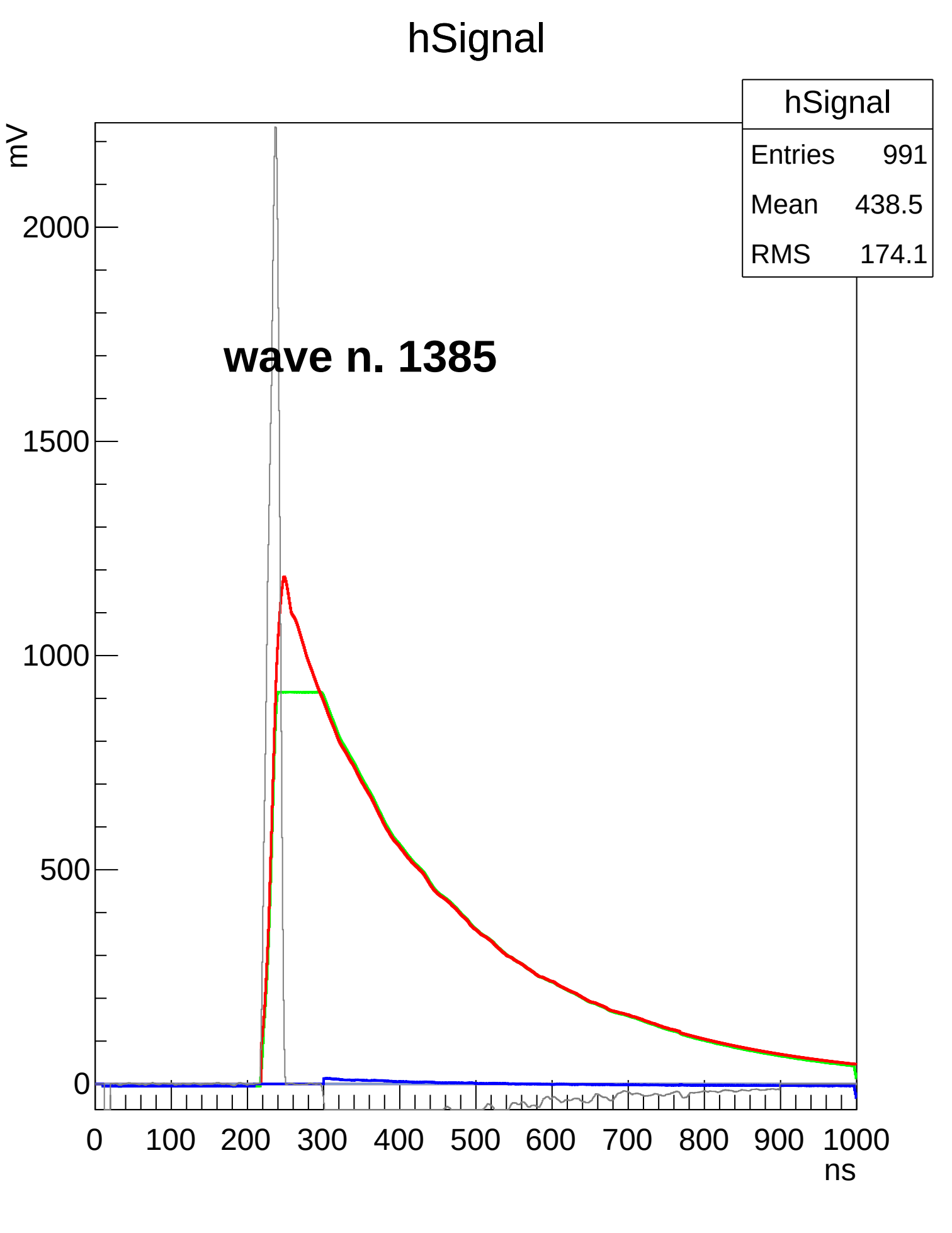
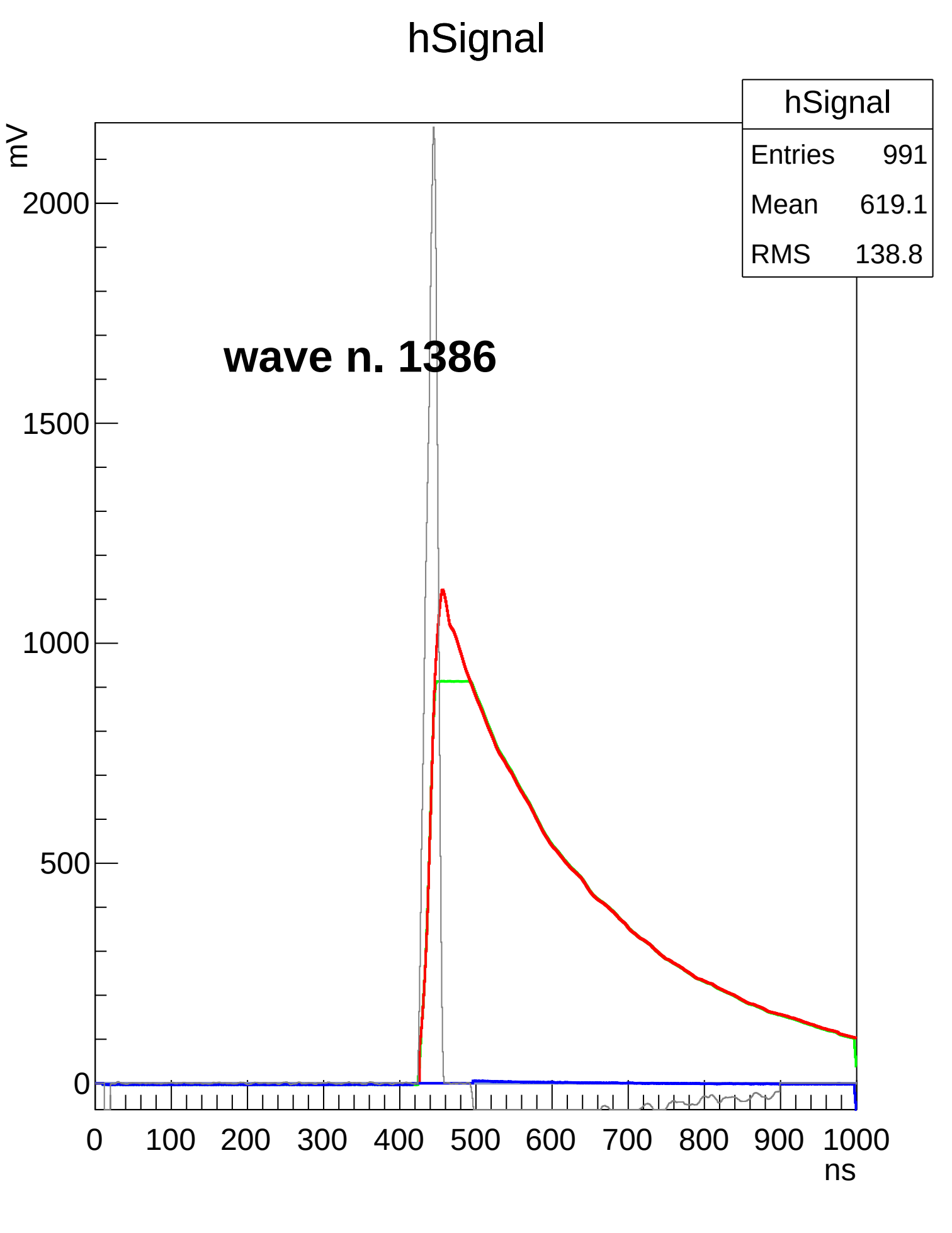
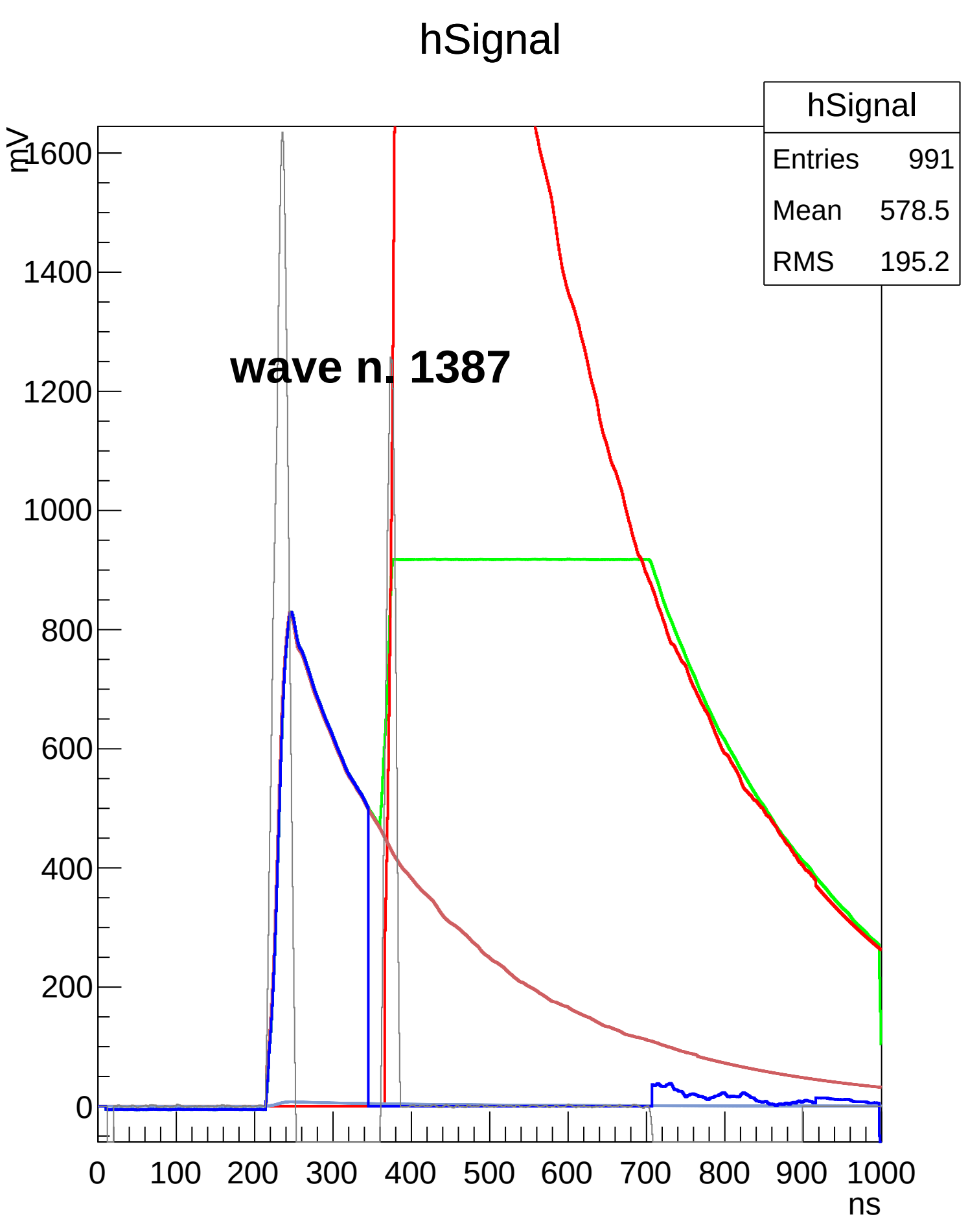
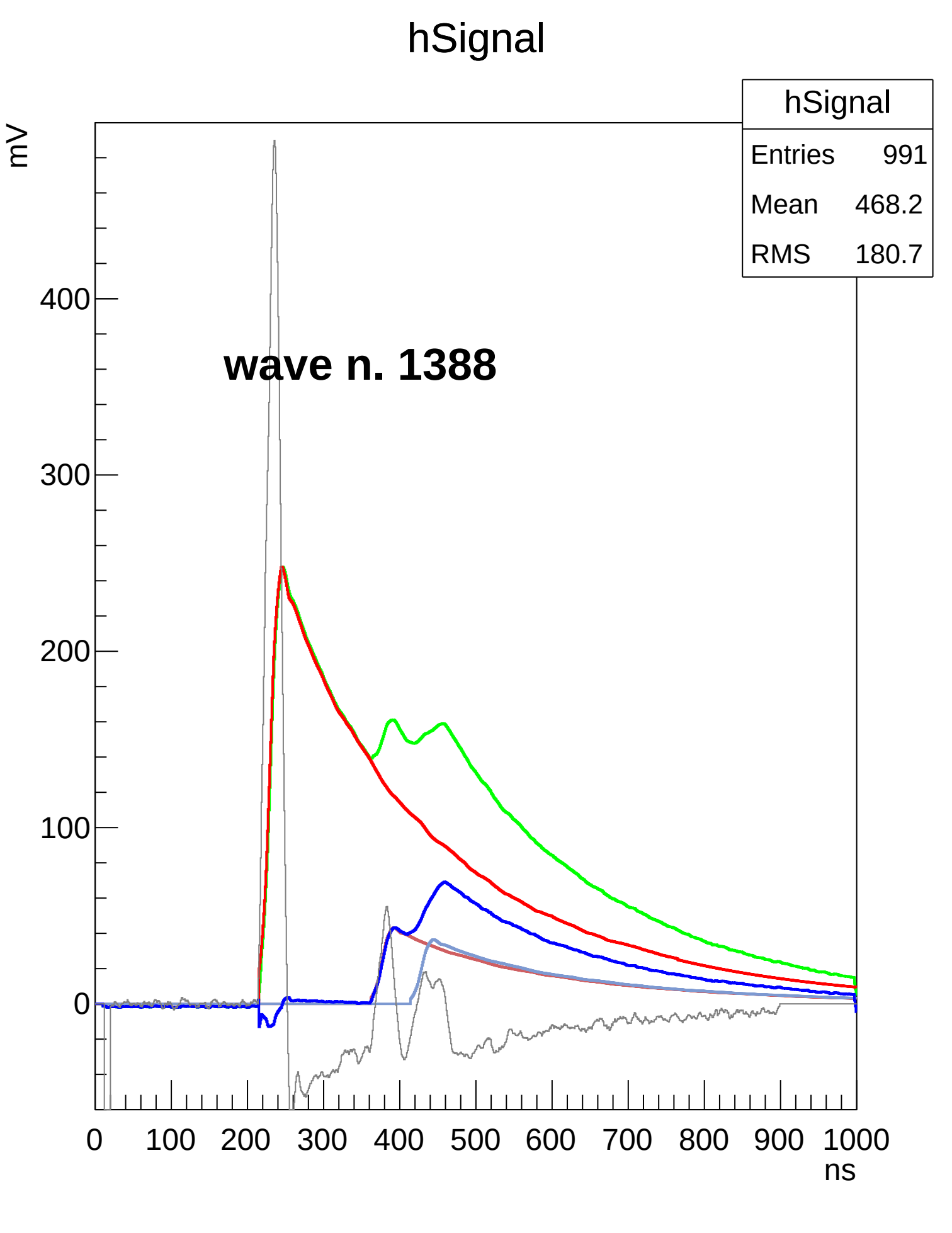
ns

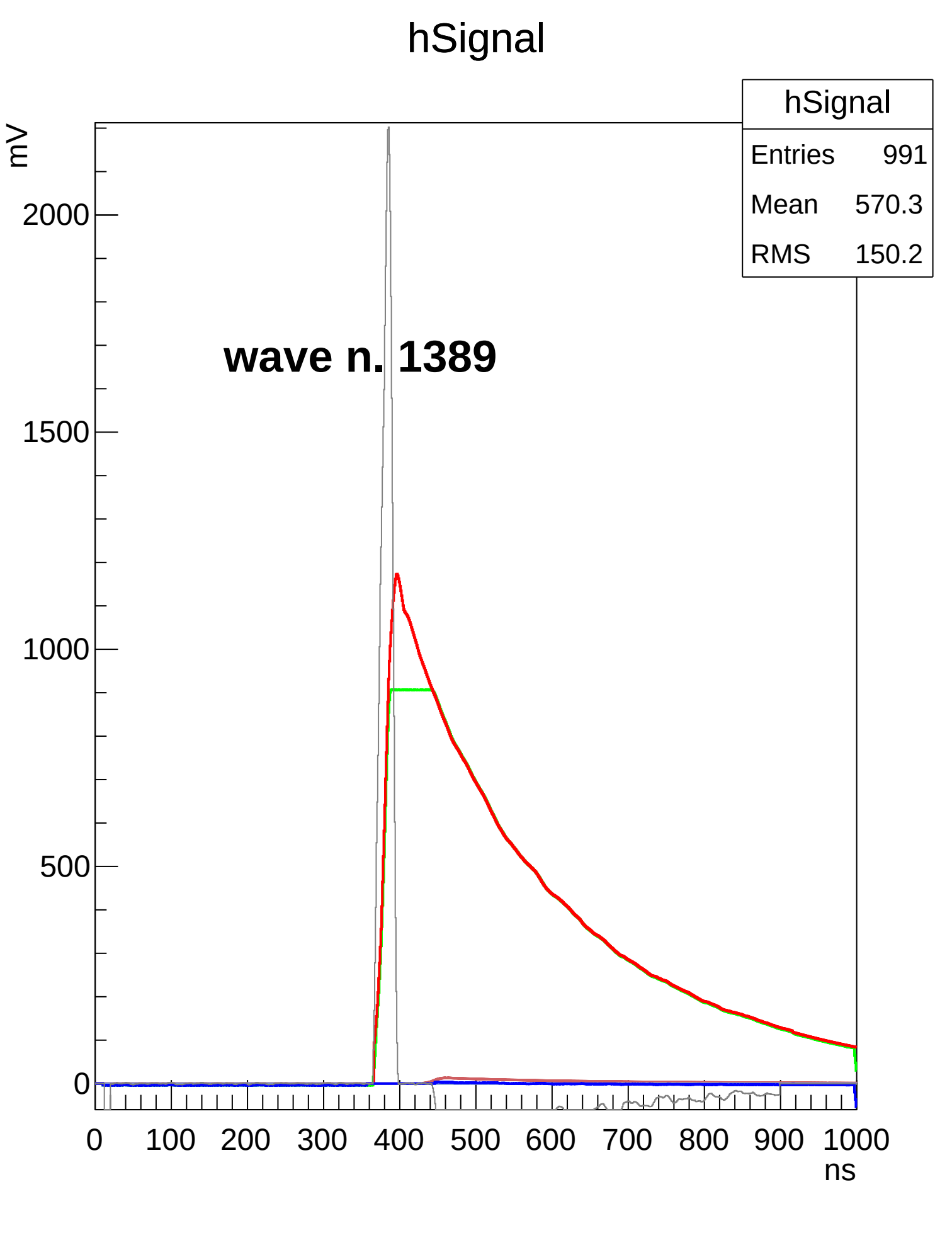

hSignal
hSignal
Entries 991
Mean 588
RMS 147
wave n. 1384
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

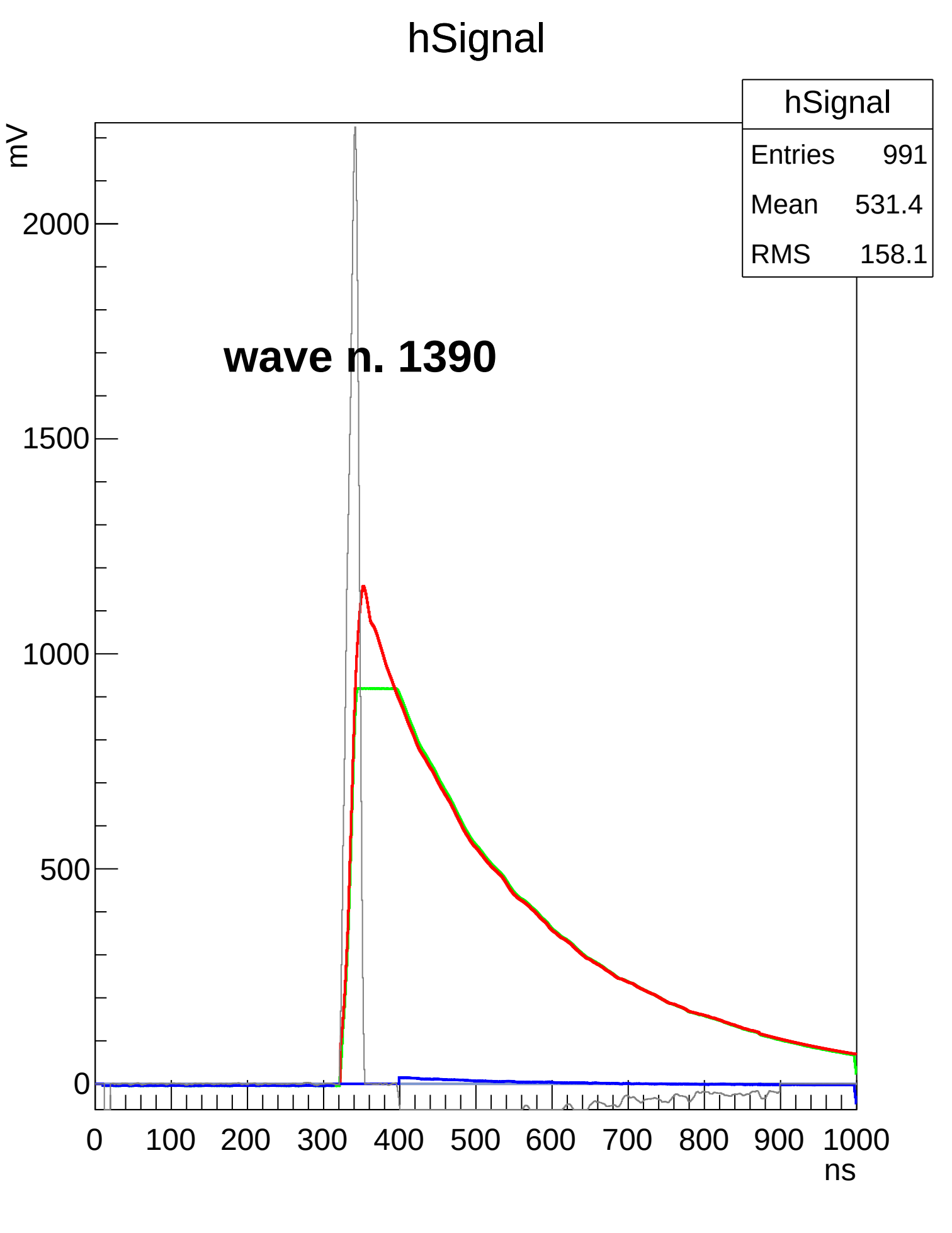

hSignal
hSignal
Entries 991
Mean 438.5
RMS 174.1
wave n. 1385
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

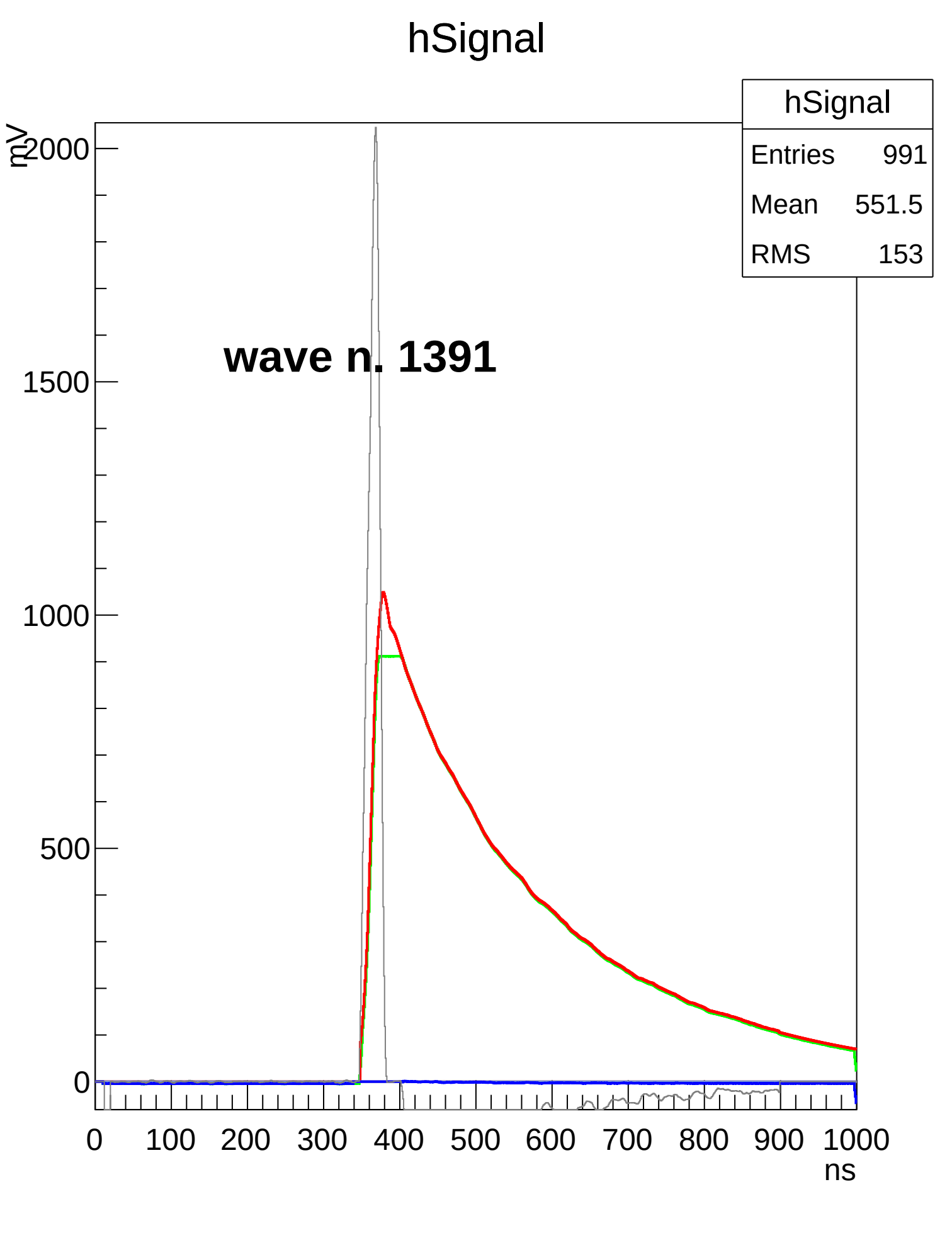

hSignal
hSignal
Entries 991
Mean 619.1
RMS 138.8
wave n. 1386
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578.5
RMS 195.2
wave n. 1387
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 468.2
RMS 180.7
mV
400
300
200
100
0
wave n. 1388
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.3
RMS 150.2
wave n. 1389
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 531.4
RMS 158.1
wave n. 1390
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 551.5
RMS 153
wave n. 1391
mV
2000
1500
1000
500
0
0
100
200
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400
500
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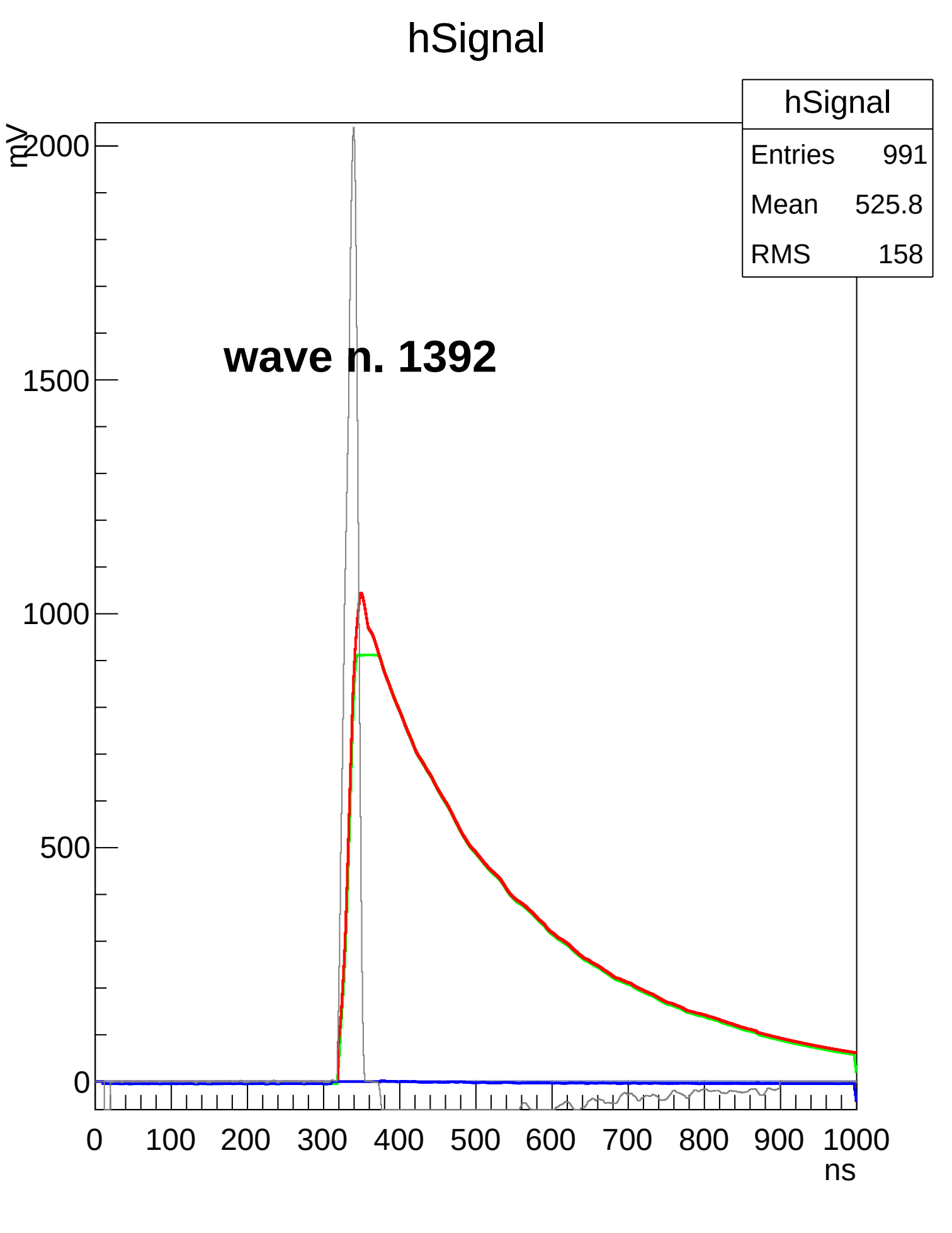
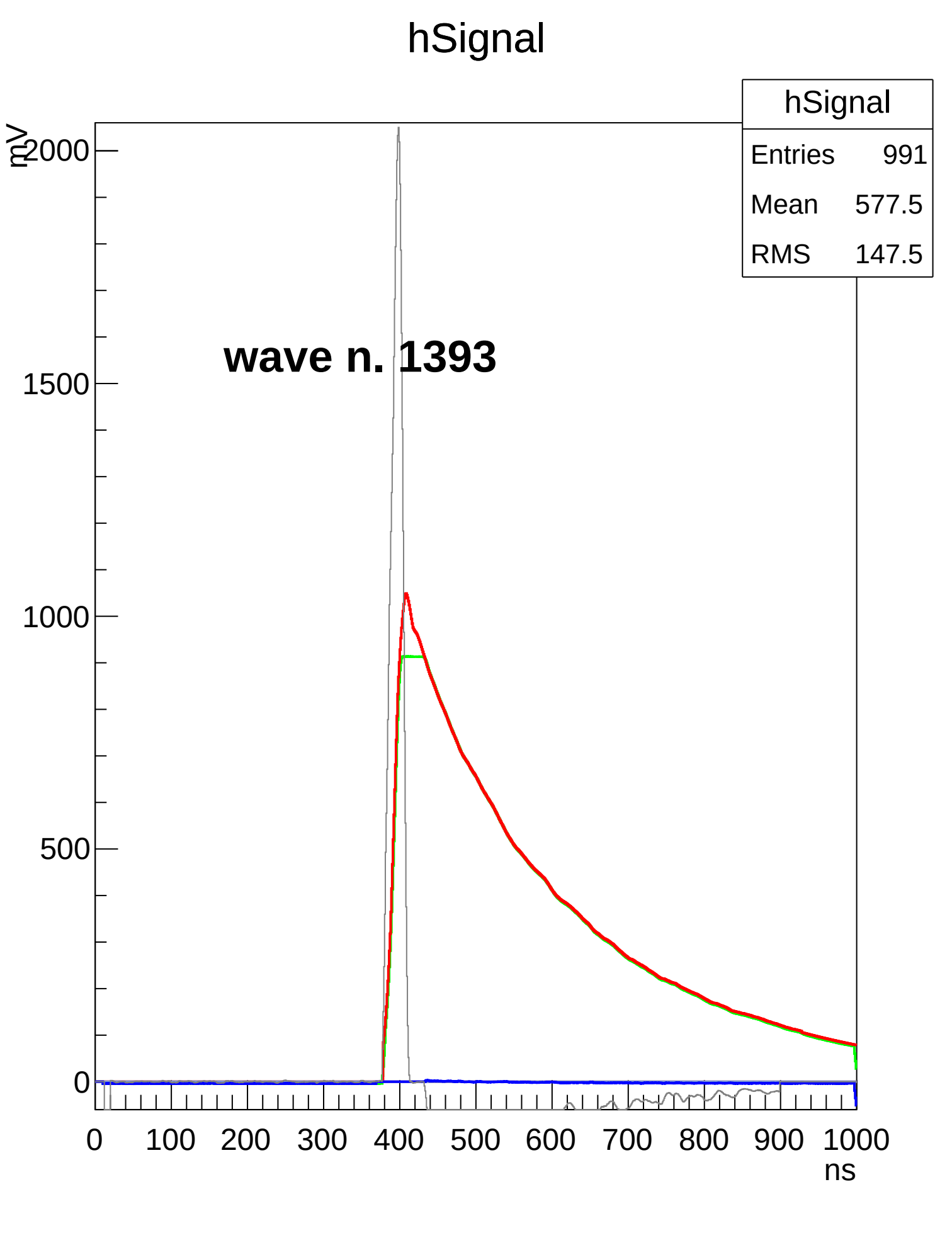
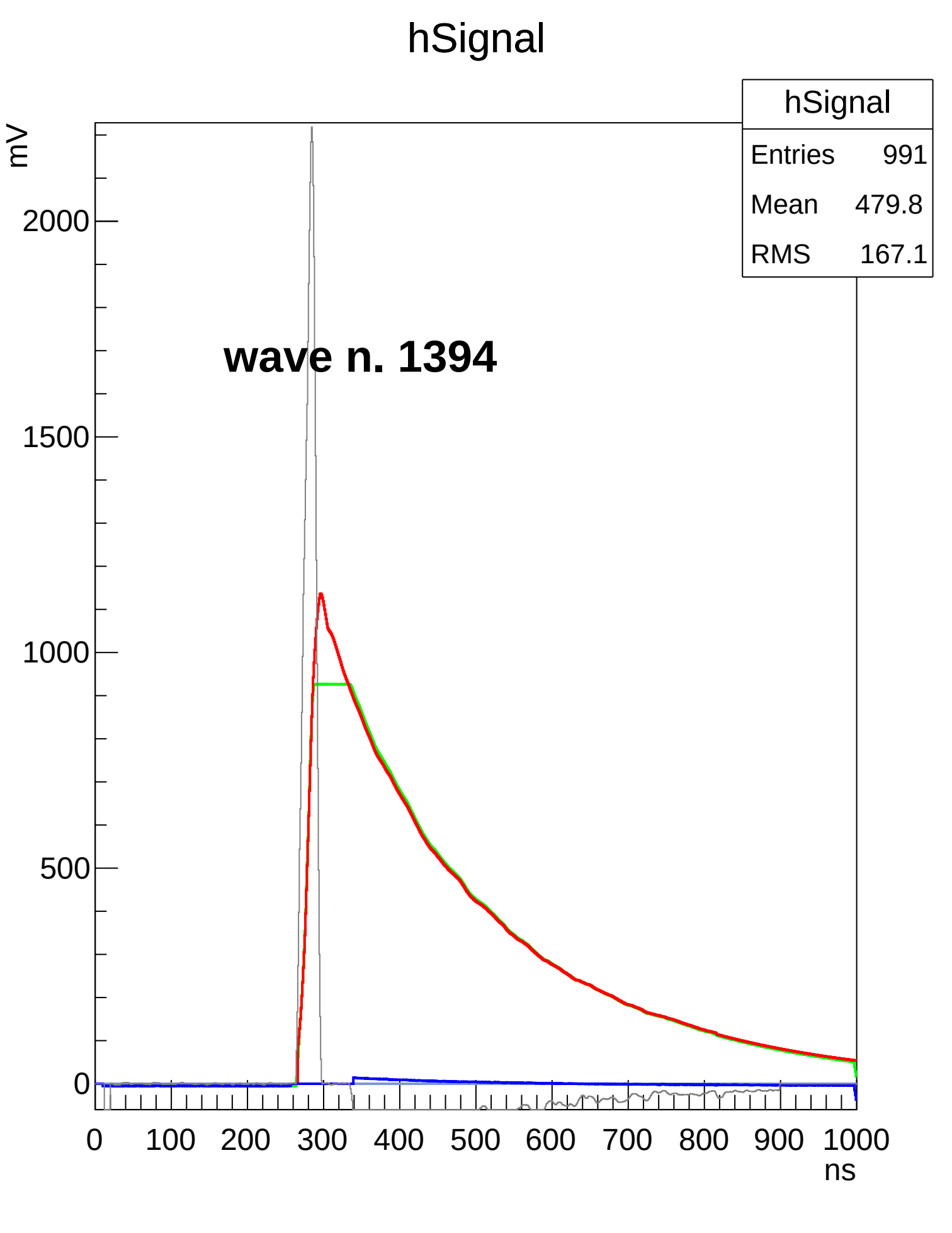
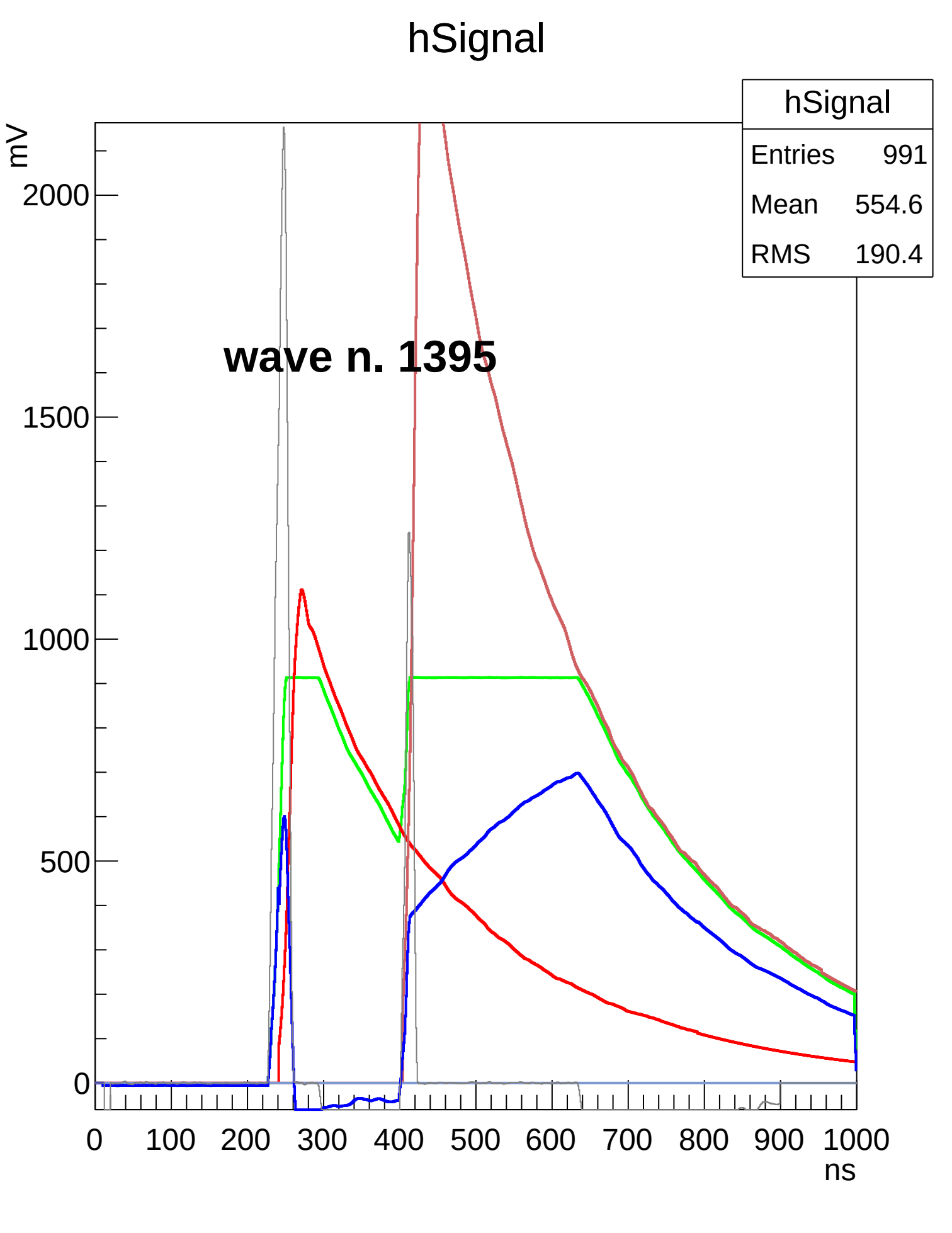
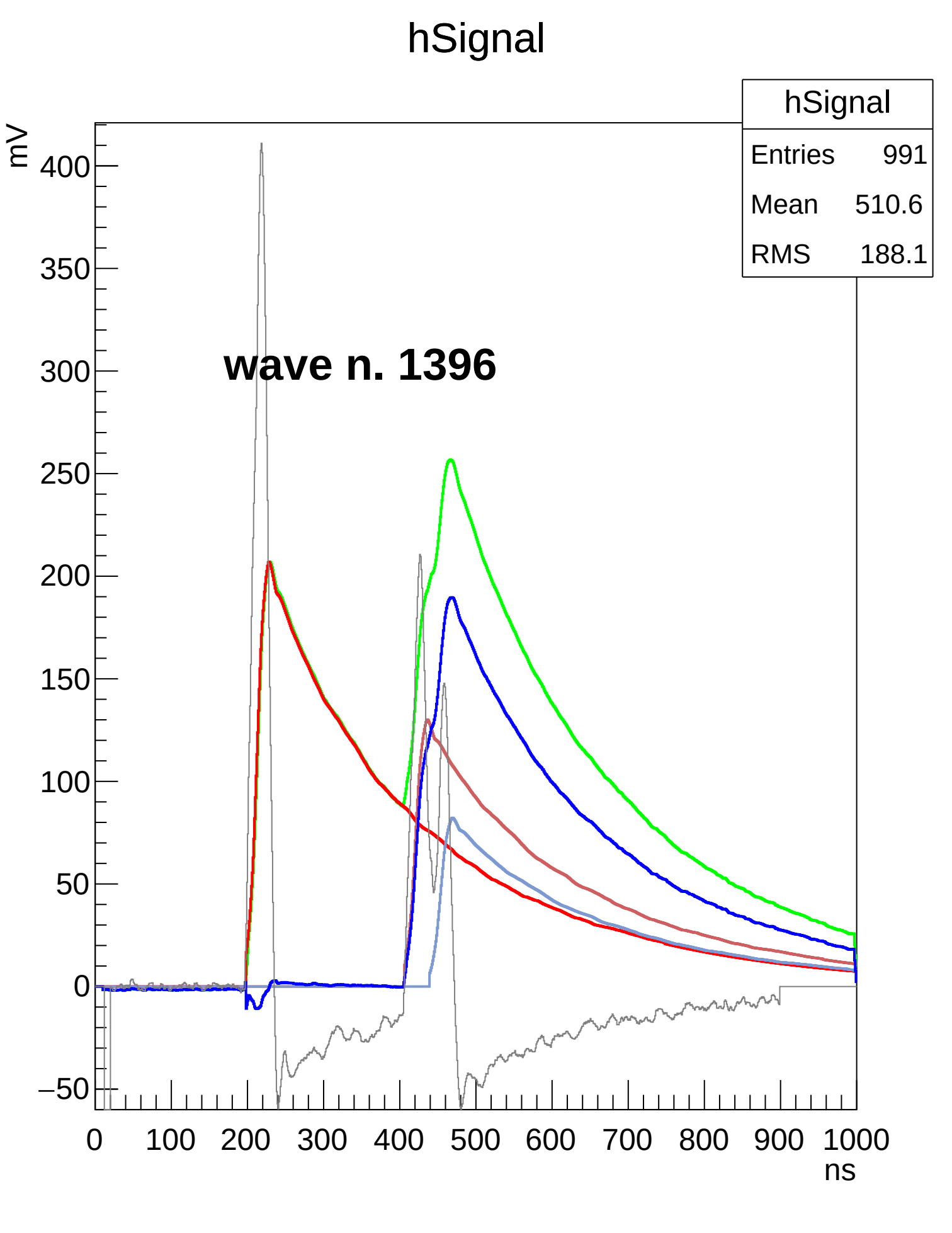
700
800
900
1000
ns

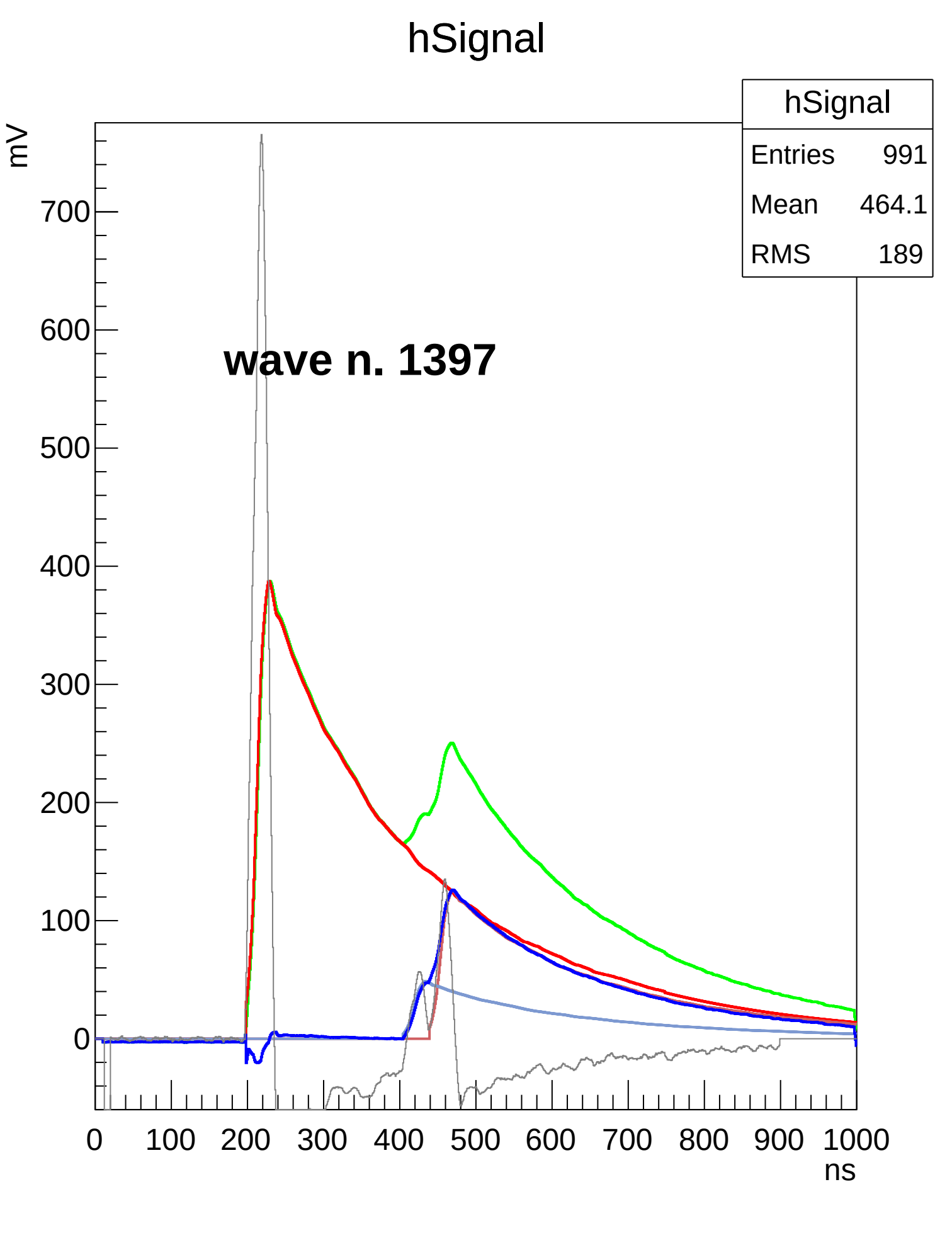

hSignal
hSignal
Entries 991
Mean 525.8
RMS 158
wave n. 1392
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

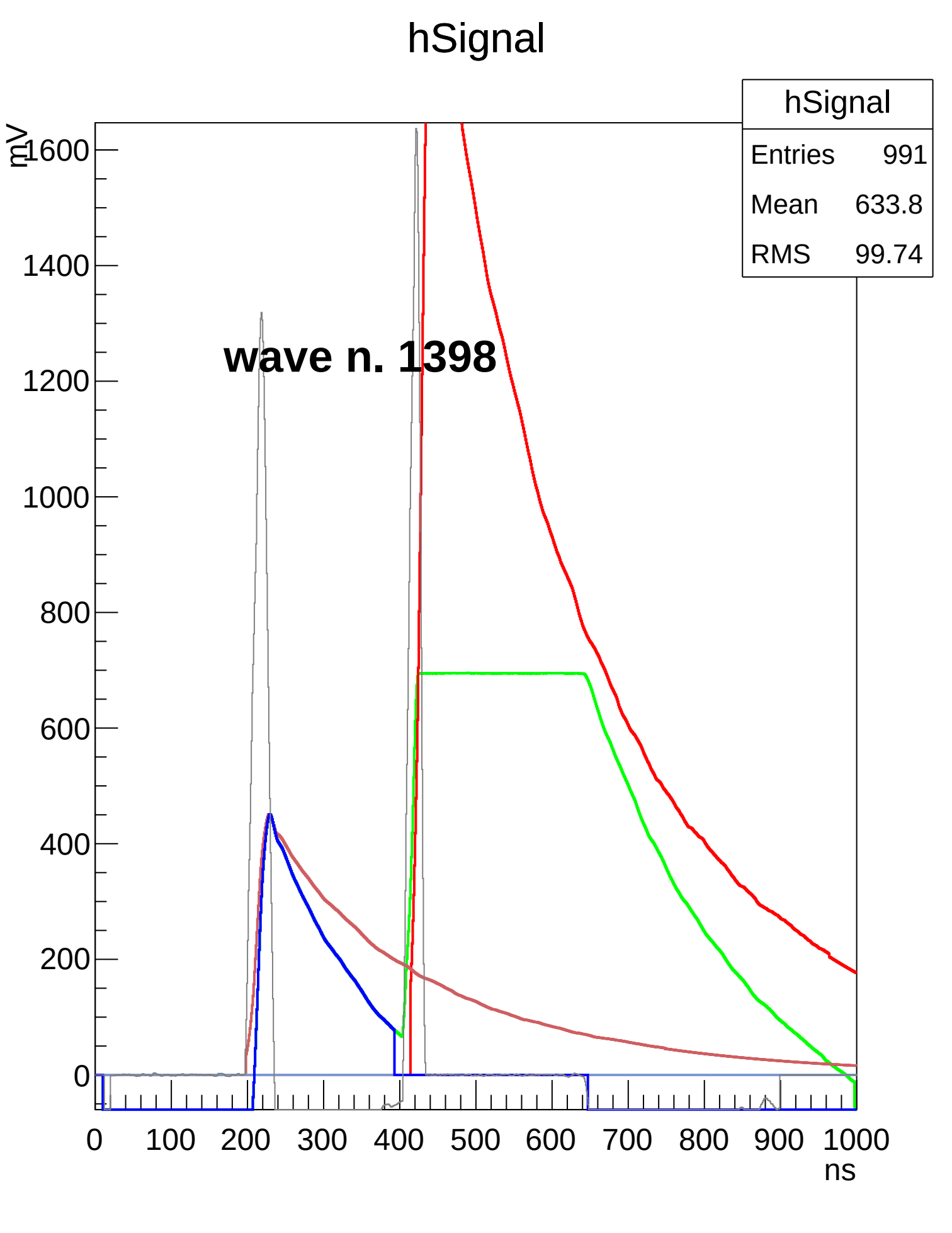

hSignal
hSignal
Entries 991
Mean 577.5
RMS 147.5
wave n. 1393
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

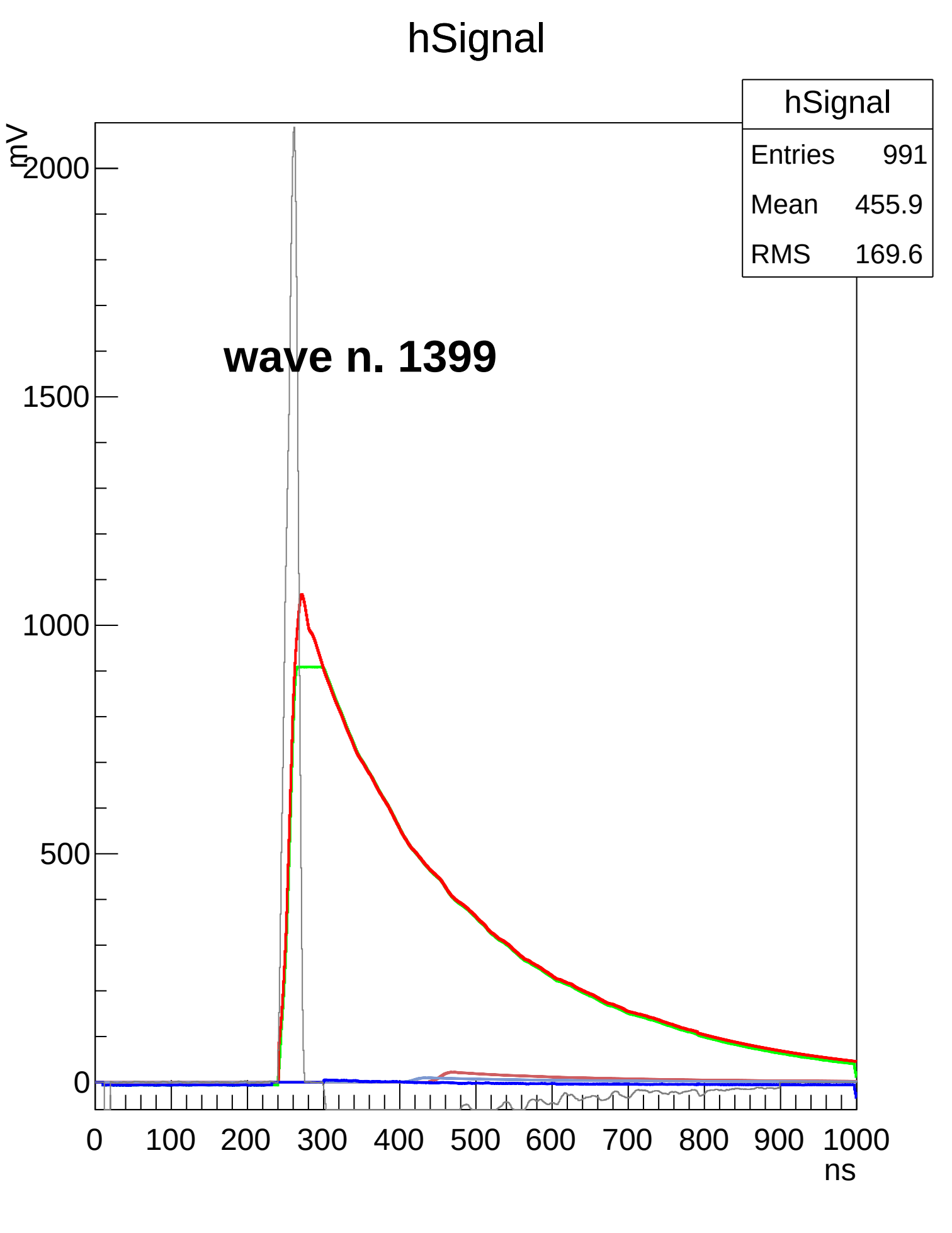

hSignal
hSignal
Entries 991
Mean 479.8
RMS 167.1
wave n. 1394
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

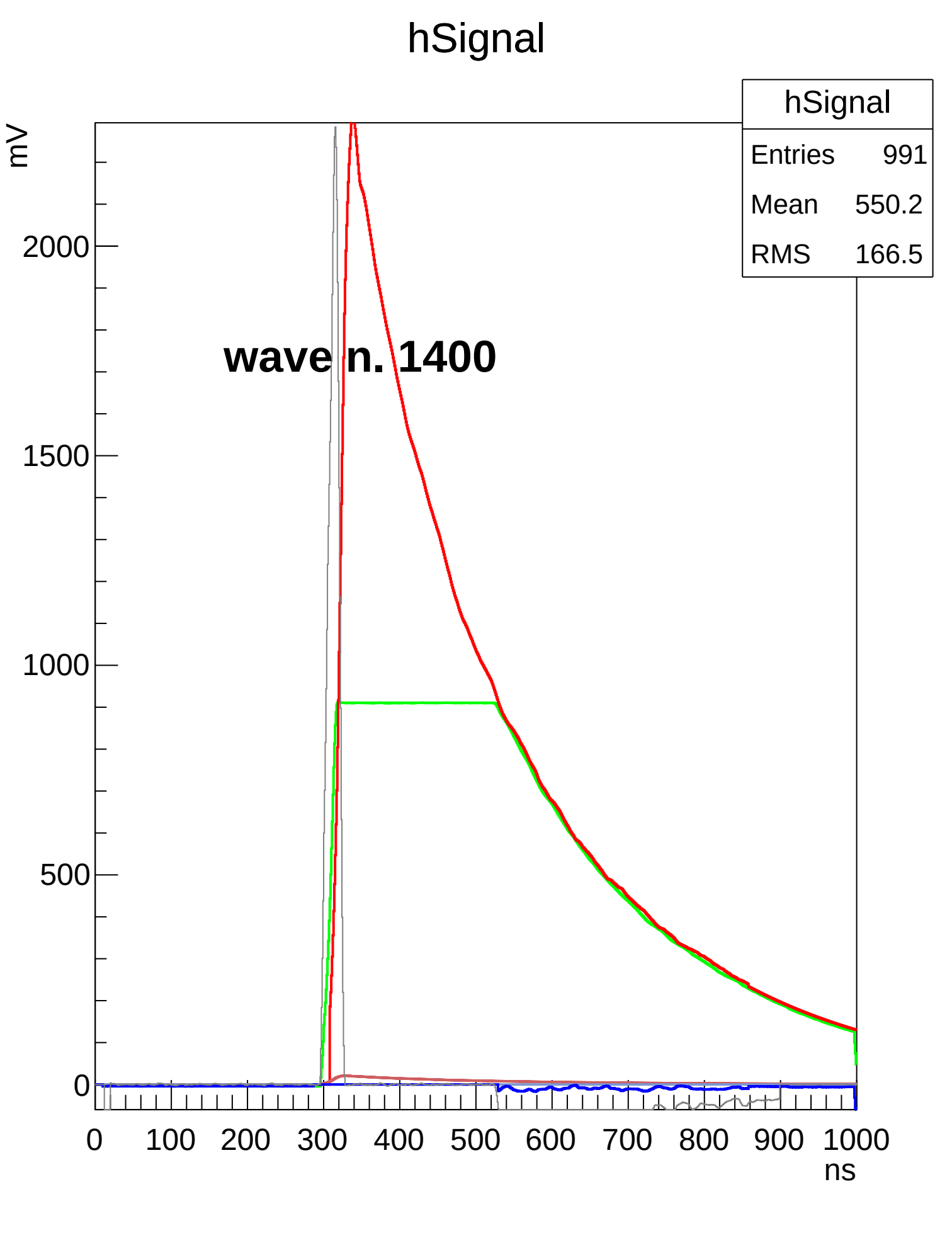

hSignal
hSignal
Entries 991
Mean 554.6
RMS 190.4
wave n. 1395
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

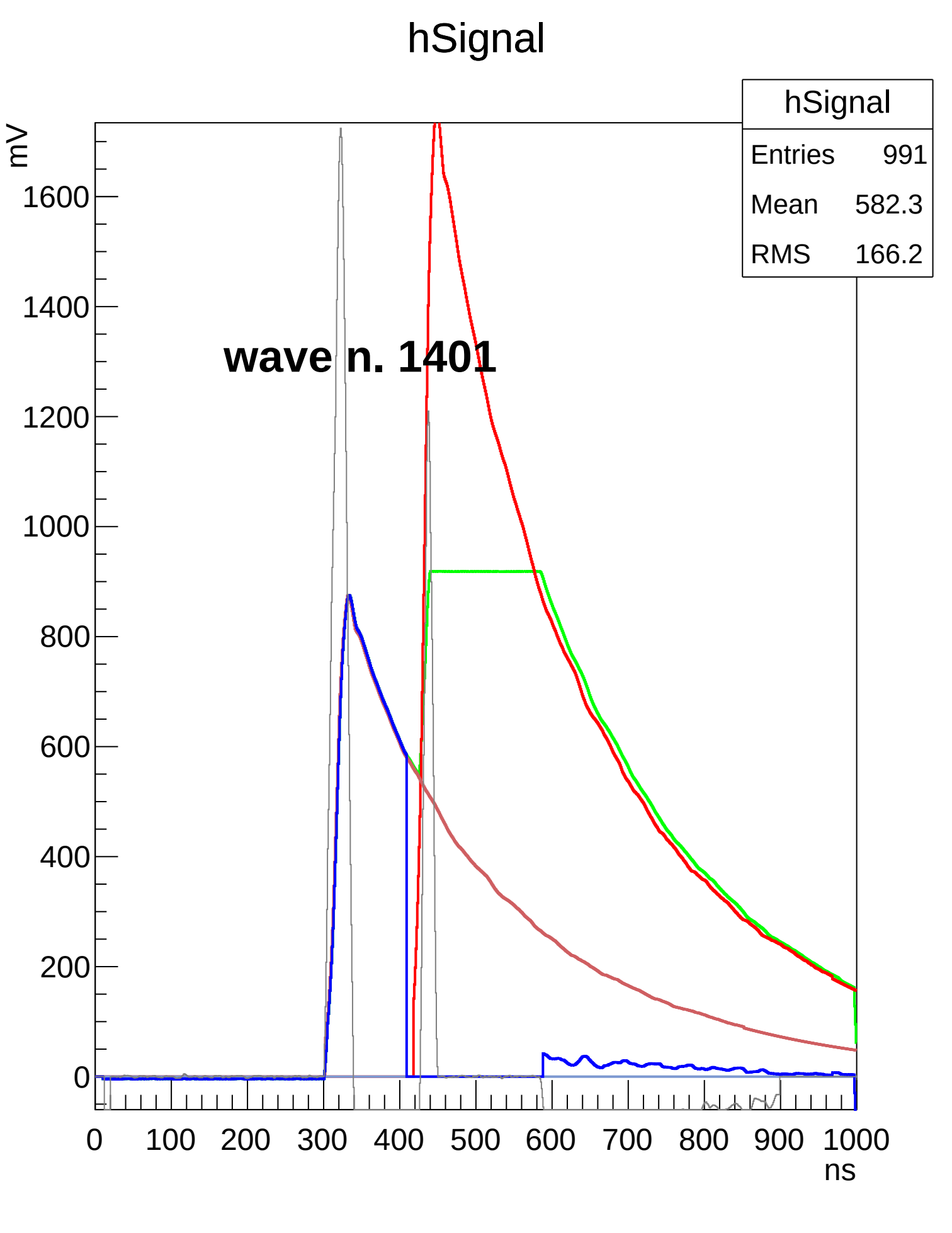

hSignal
hSignal
Entries 991
Mean 510.6
RMS 188.1
wave n. 1396
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

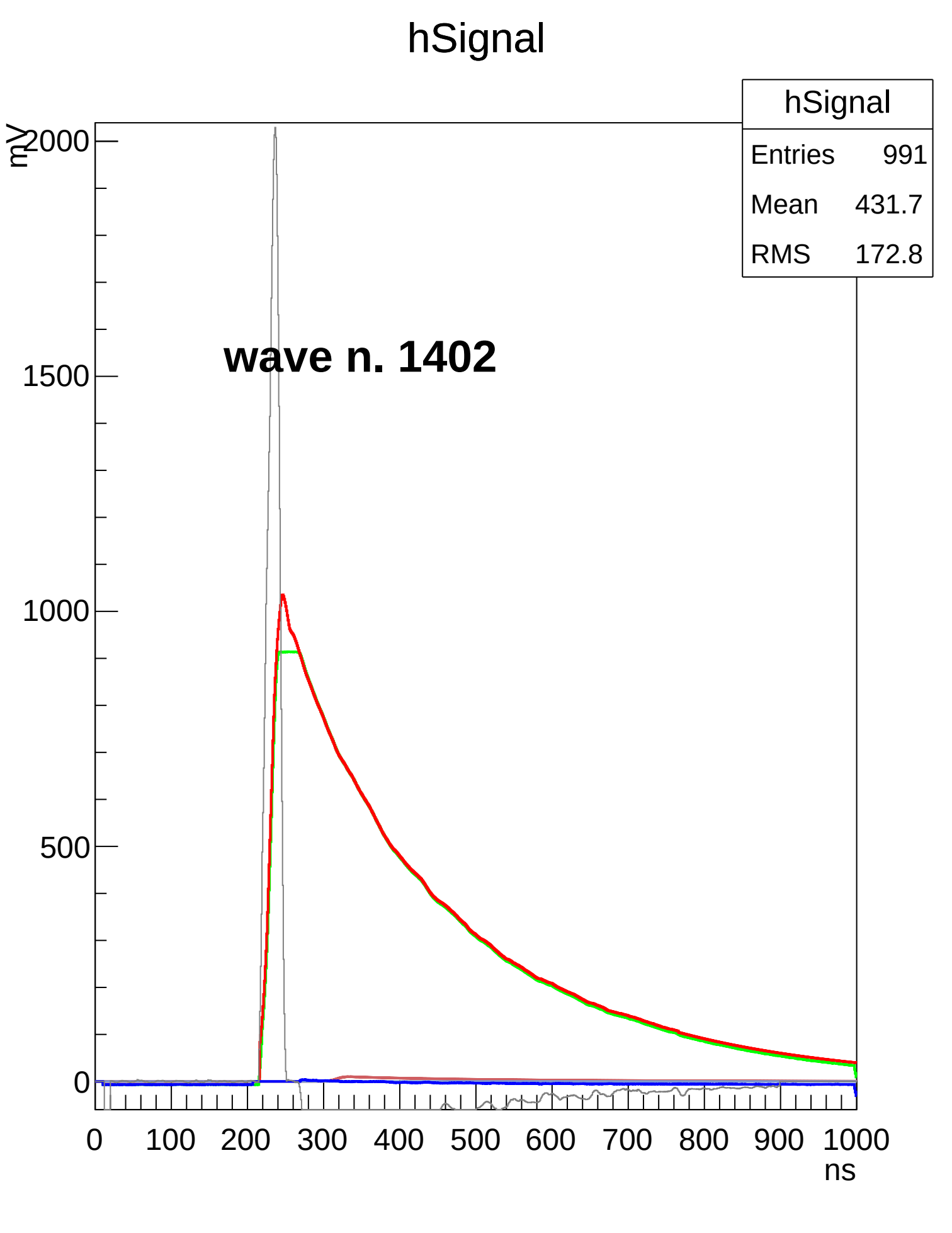

hSignal
hSignal
Entries 991
Mean 464.1
RMS 189
wave n. 1397
mV
700
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns

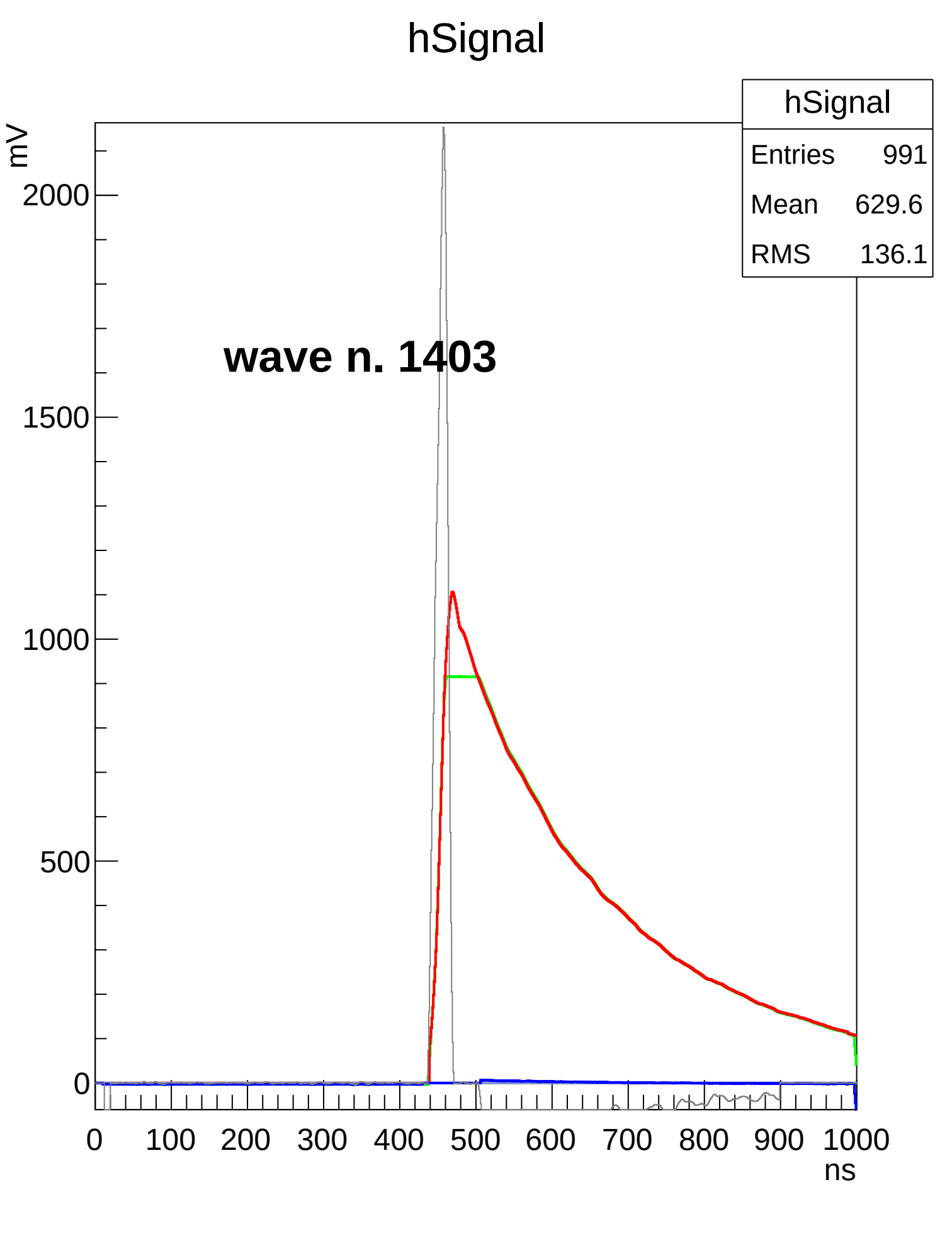

hSignal
hSignal
Entries 991
Mean 633.8
RMS 99.74
wave n. 1398
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

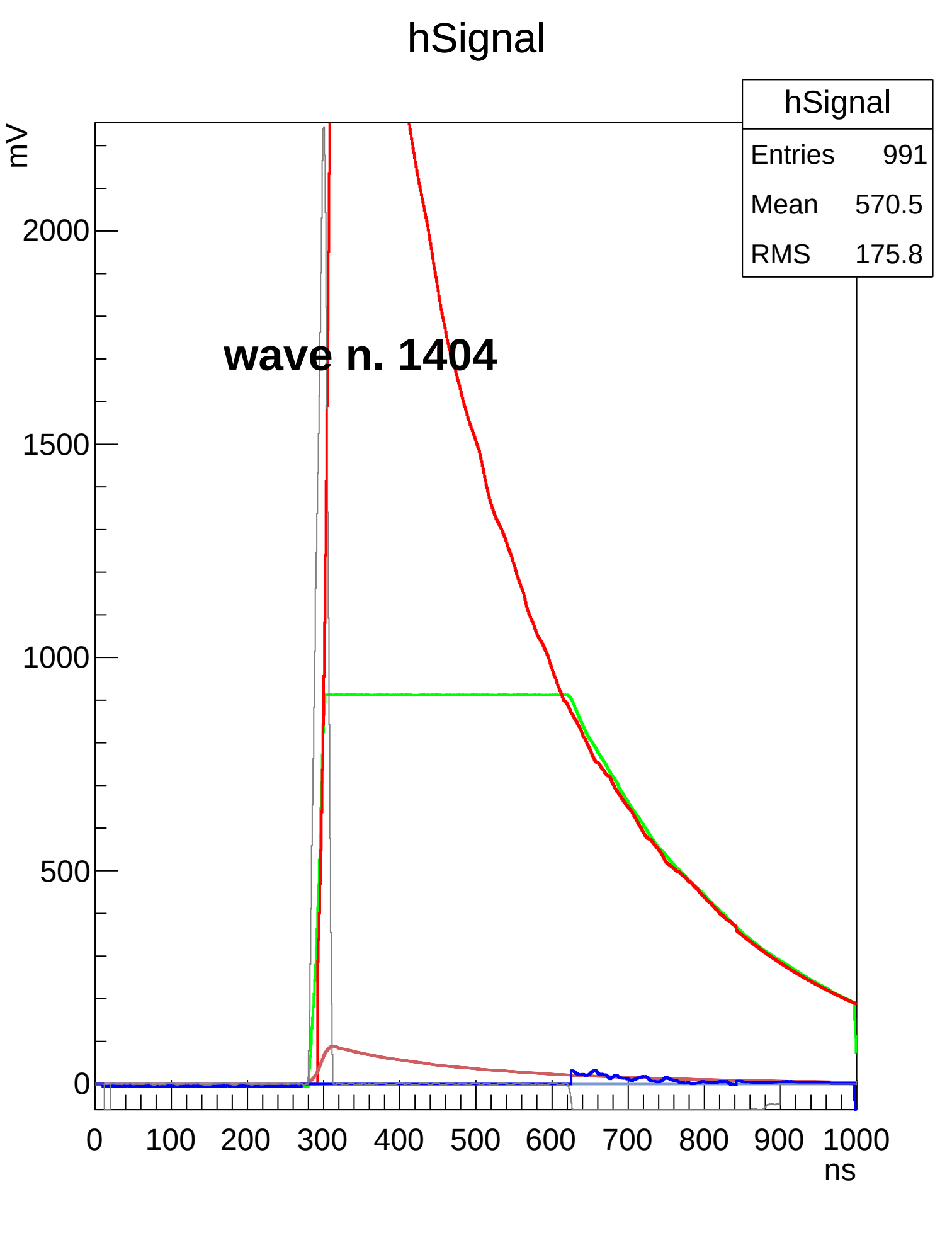

hSignal
hSignal
Entries 991
Mean 455.9
RMS 169.6
wave n. 1399
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 550.2
RMS 166.5
wave n. 1400
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 582.3
RMS 166.2
wave n. 1401
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 431.7
RMS 172.8
wave n. 1402
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 629.6
RMS 136.1
wave n. 1403
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.5
RMS 175.8
wave n. 1404
mV
2000
1500
1000
500
0
0
100
200
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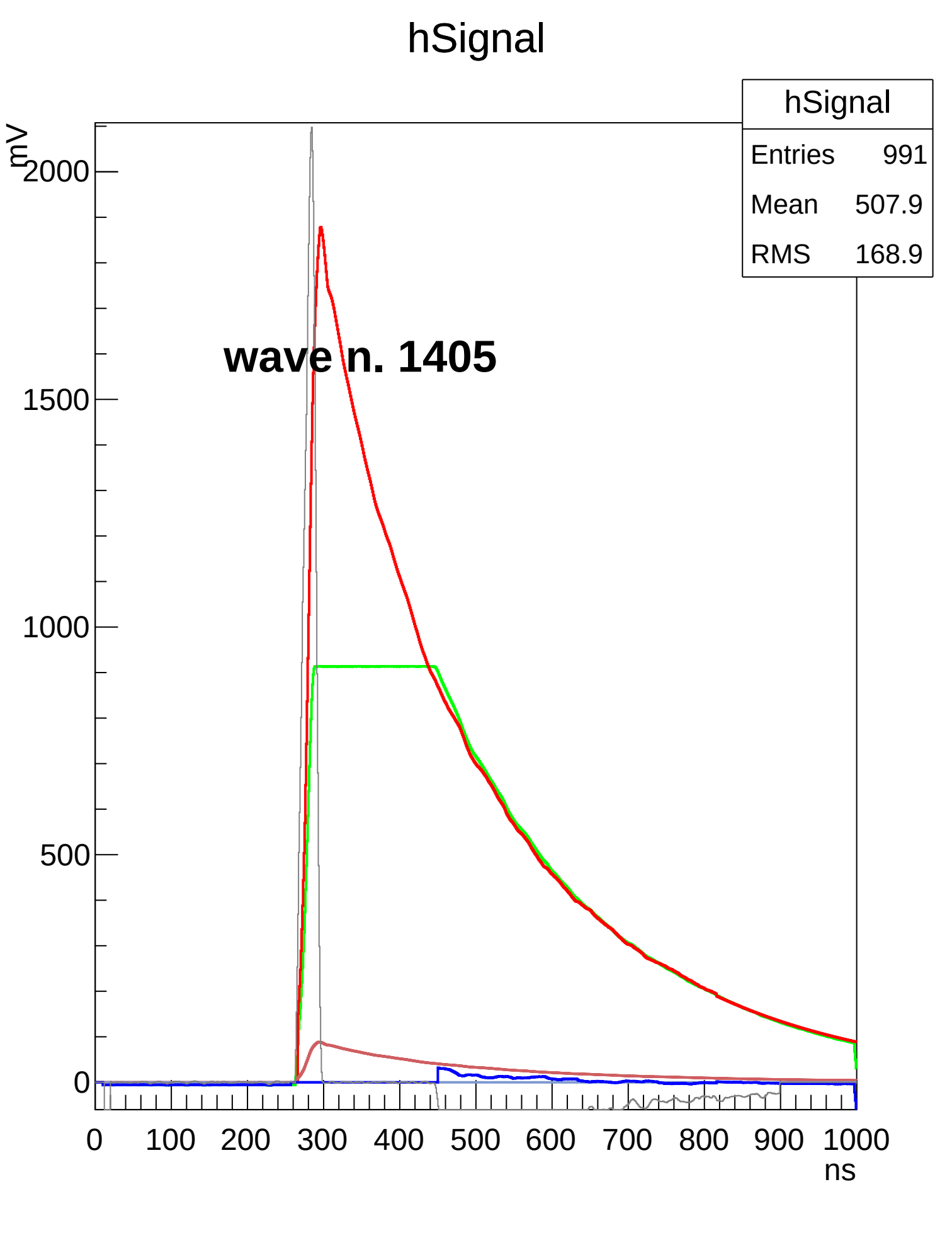
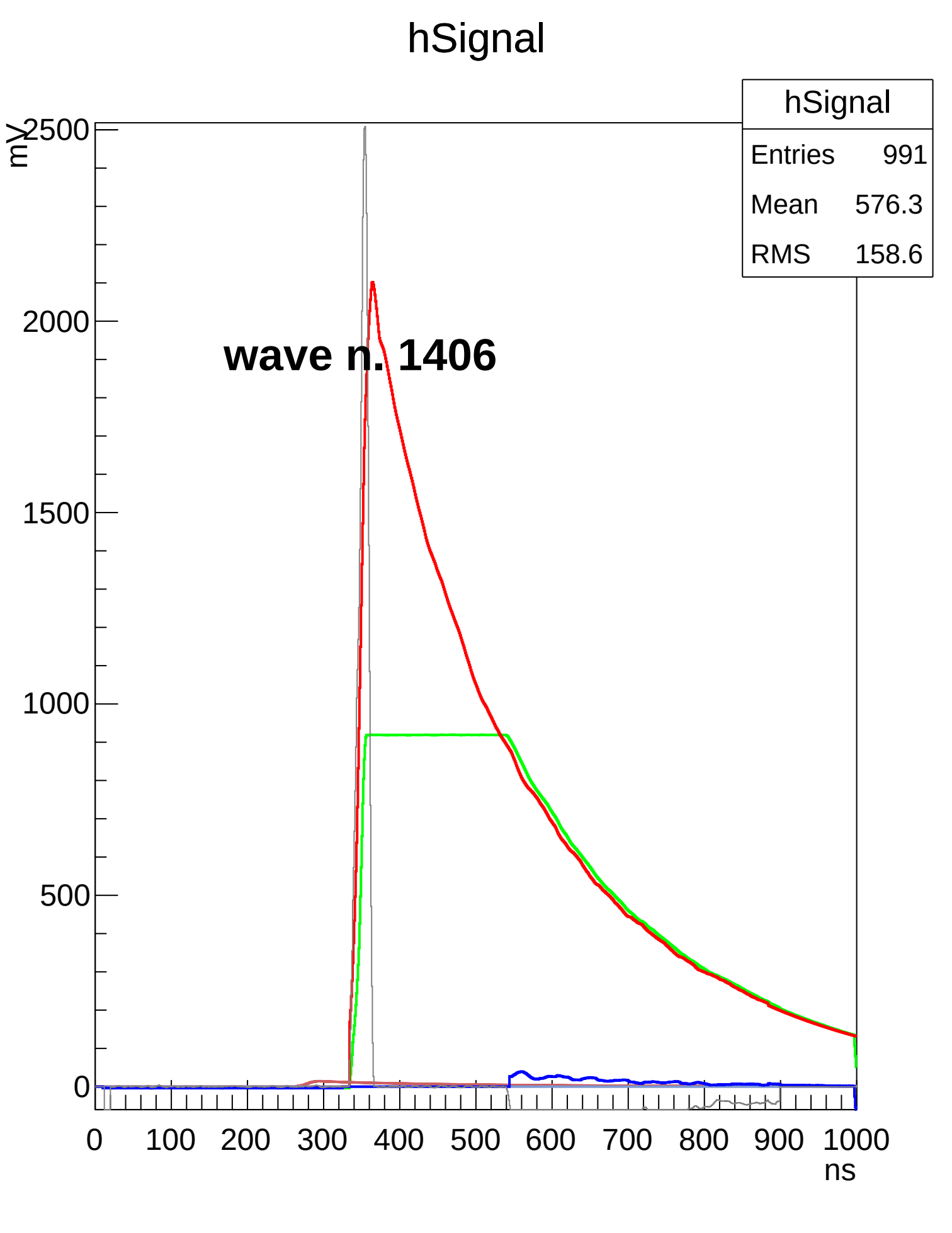
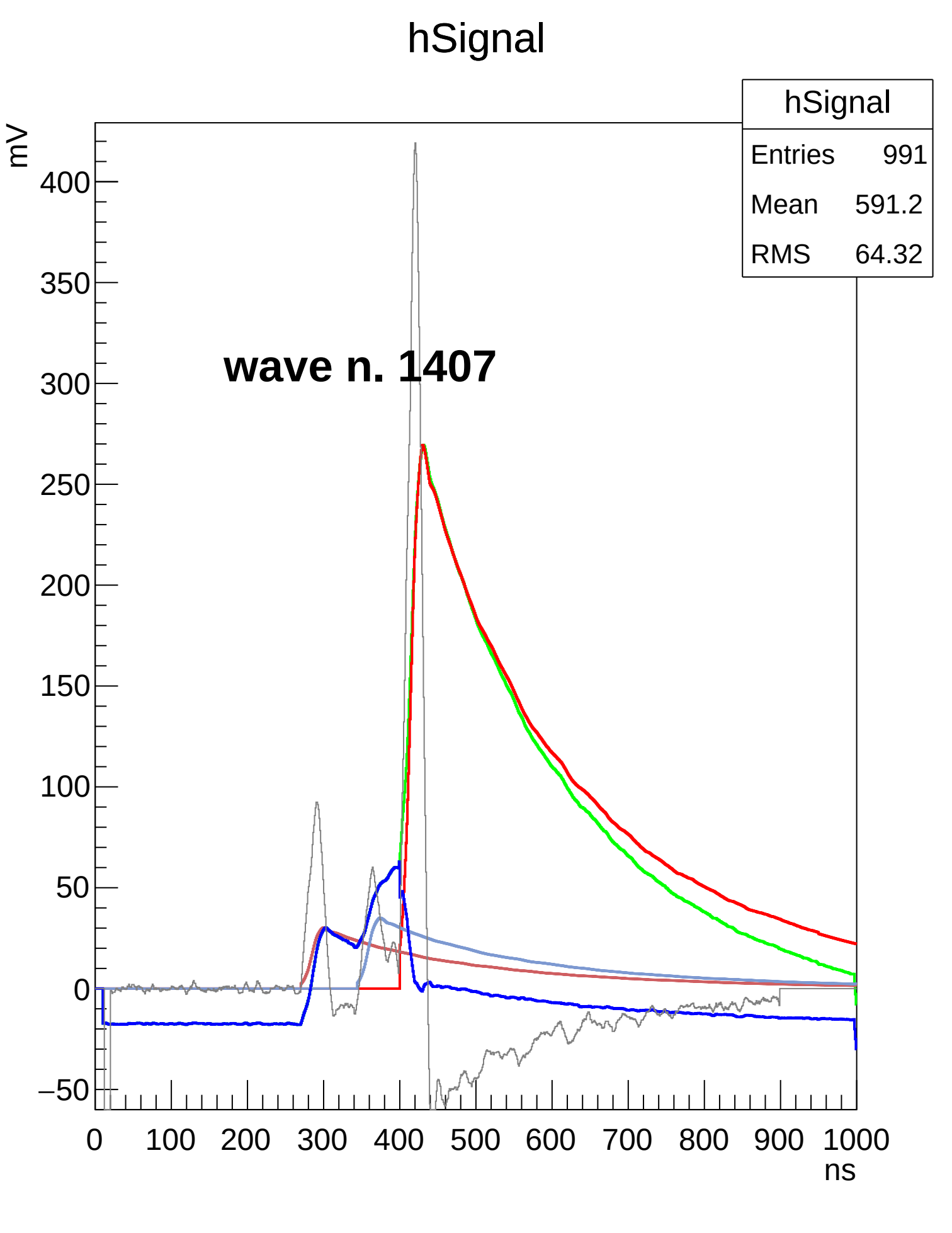
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507.9
RMS 168.9
wave n. 1405
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 576.3
RMS 158.6
wave n. 1406
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 591.2
RMS 64.32
wave n. 1407
mV
400
350
300
250
200
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100
50
0
−50
0
100
200
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400
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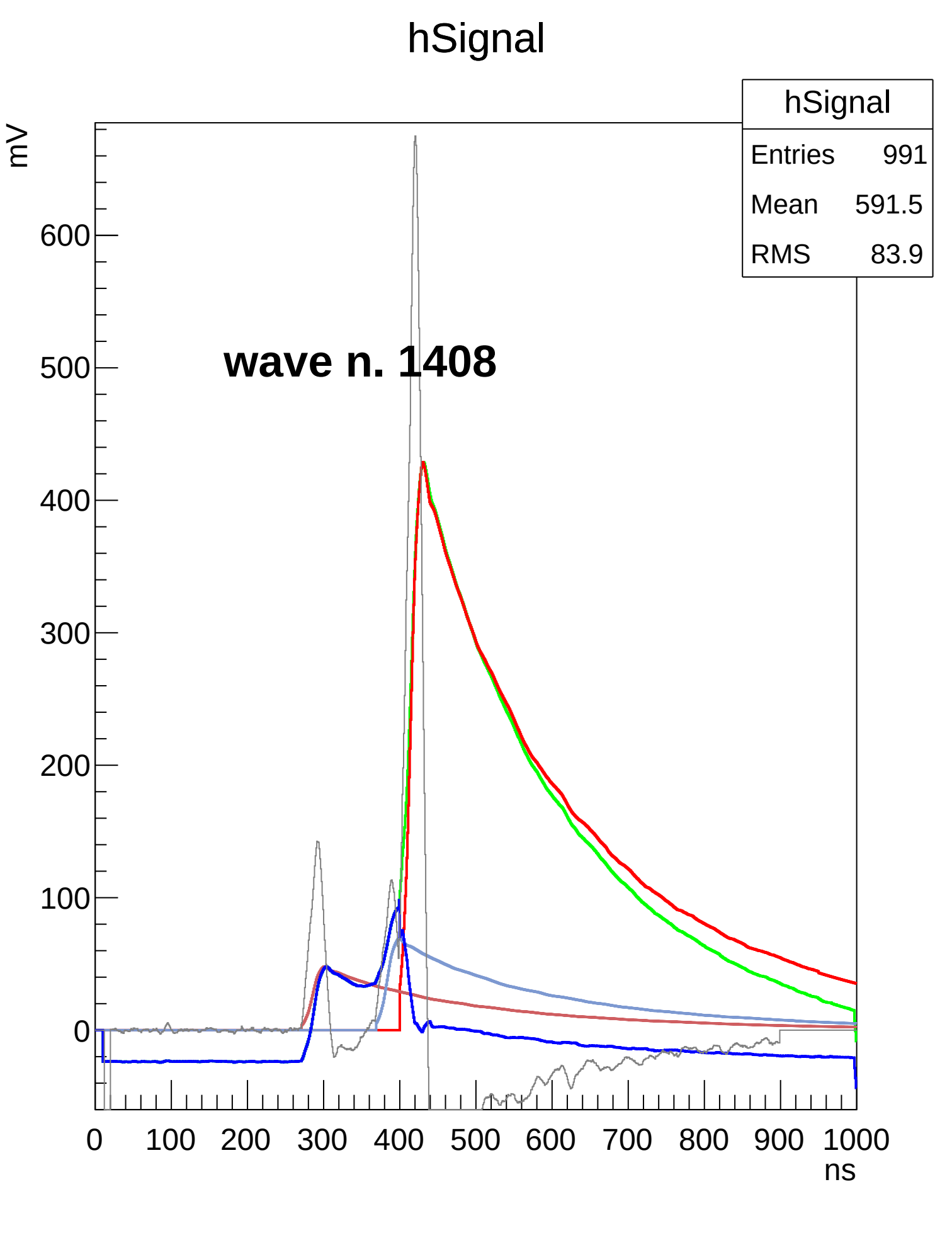
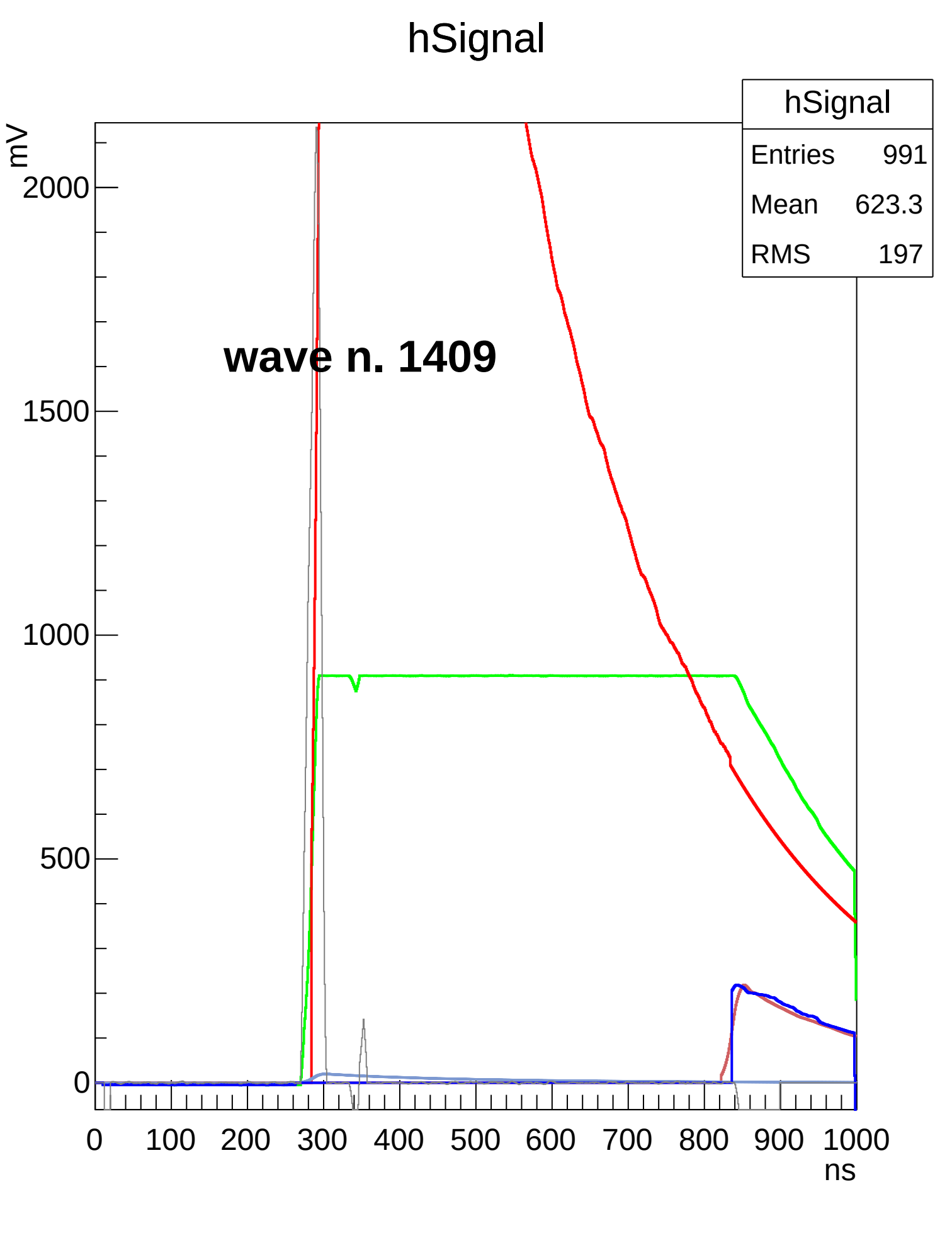
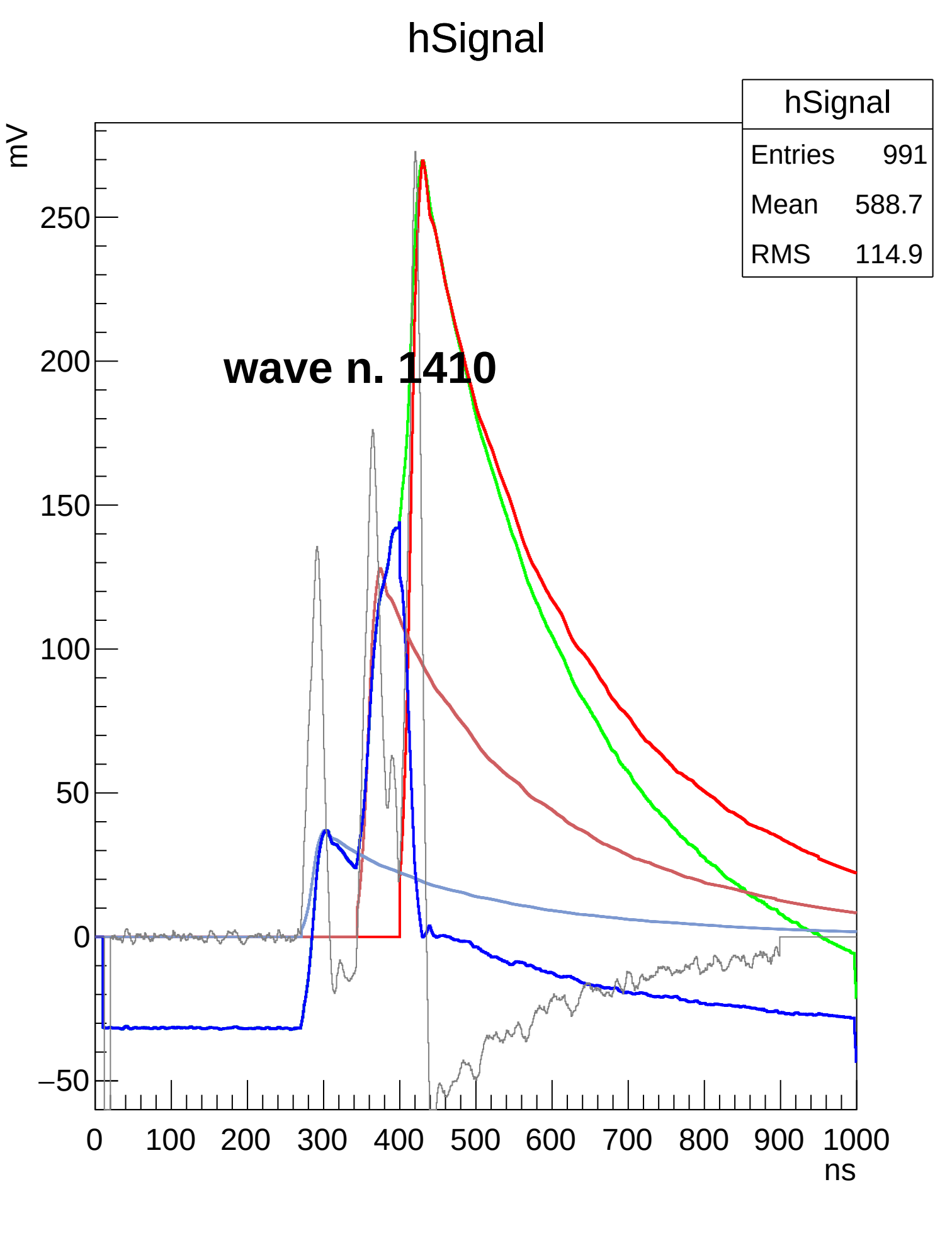
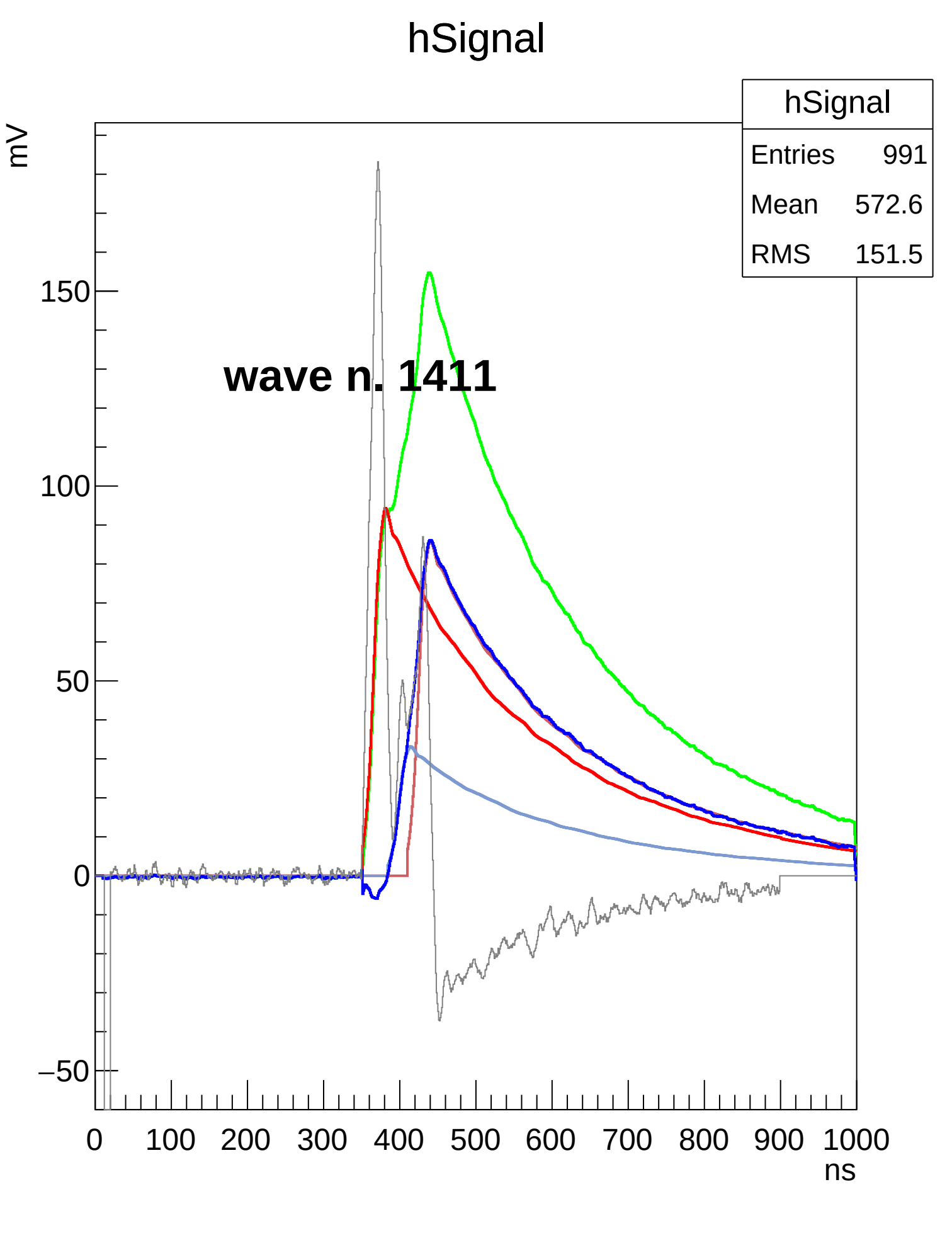
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 591.5
RMS 83.9
wave n. 1408
mV
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 623.3
RMS 197
wave n. 1409
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 588.7
RMS 114.9
wave n. 1410
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 572.6
RMS 151.5
wave n. 1411
mV
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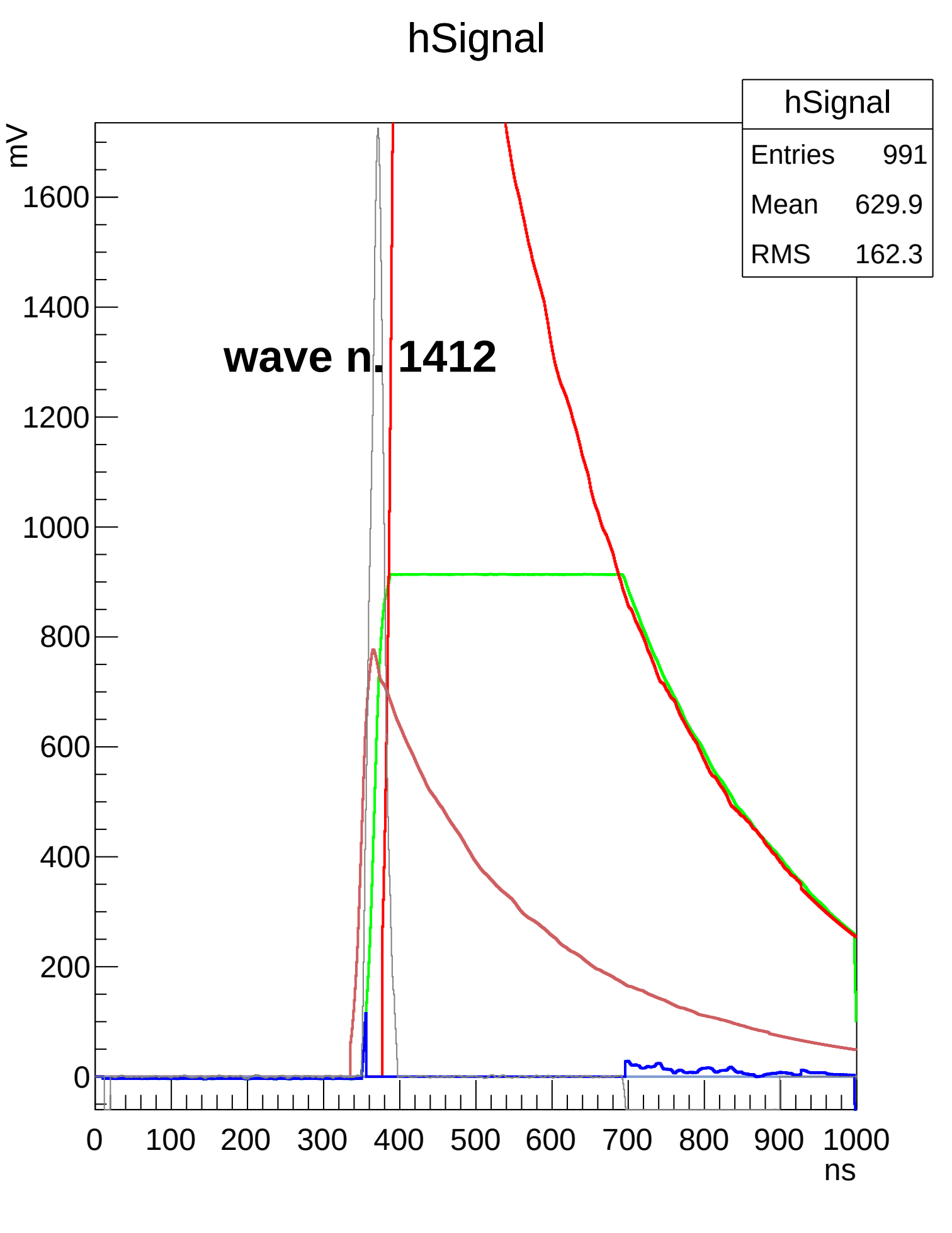
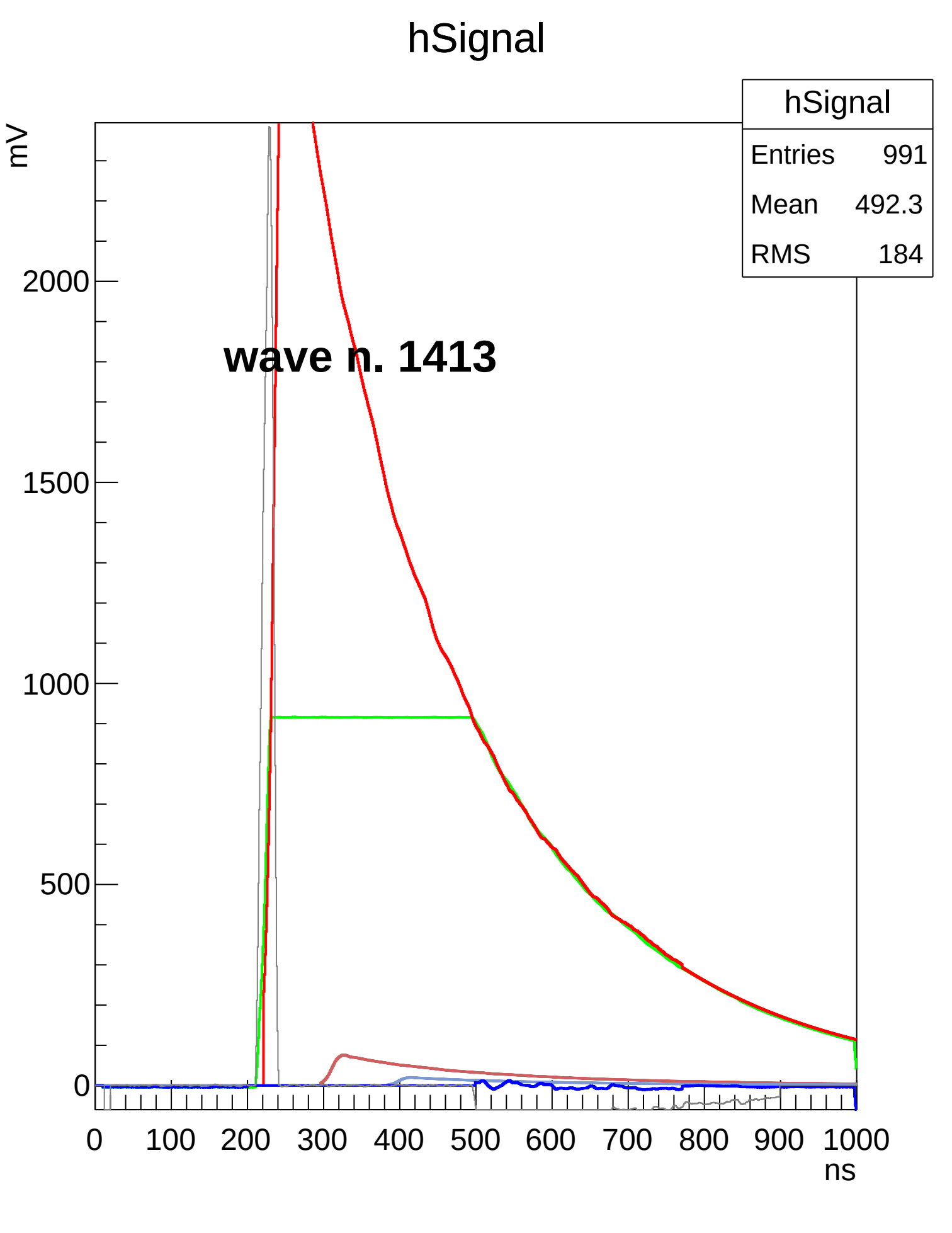
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 629.9
RMS 162.3
wave n. 1412
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 492.3
RMS 184
wave n. 1413
mV
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1500
1000
500
0
0
100
200
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400
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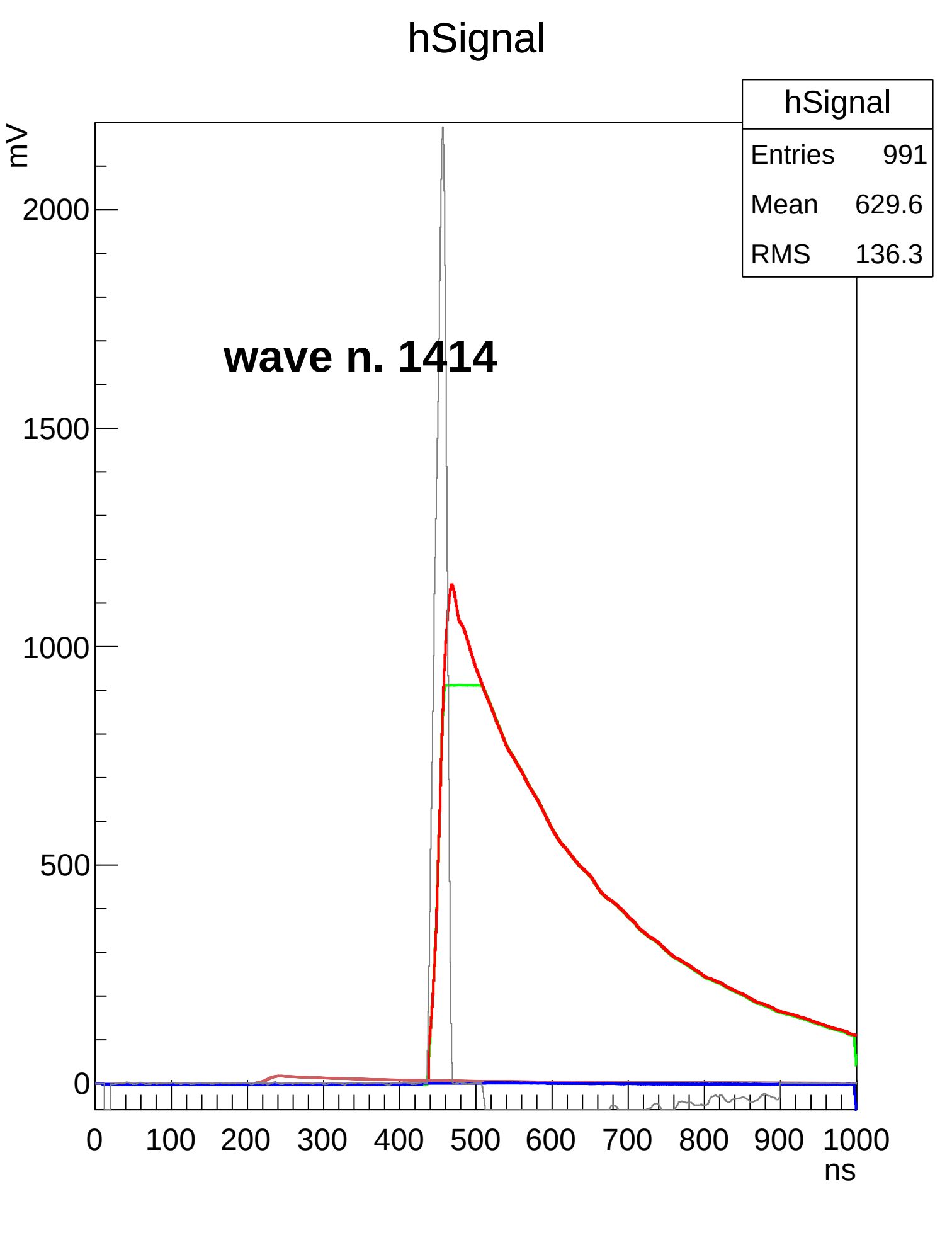
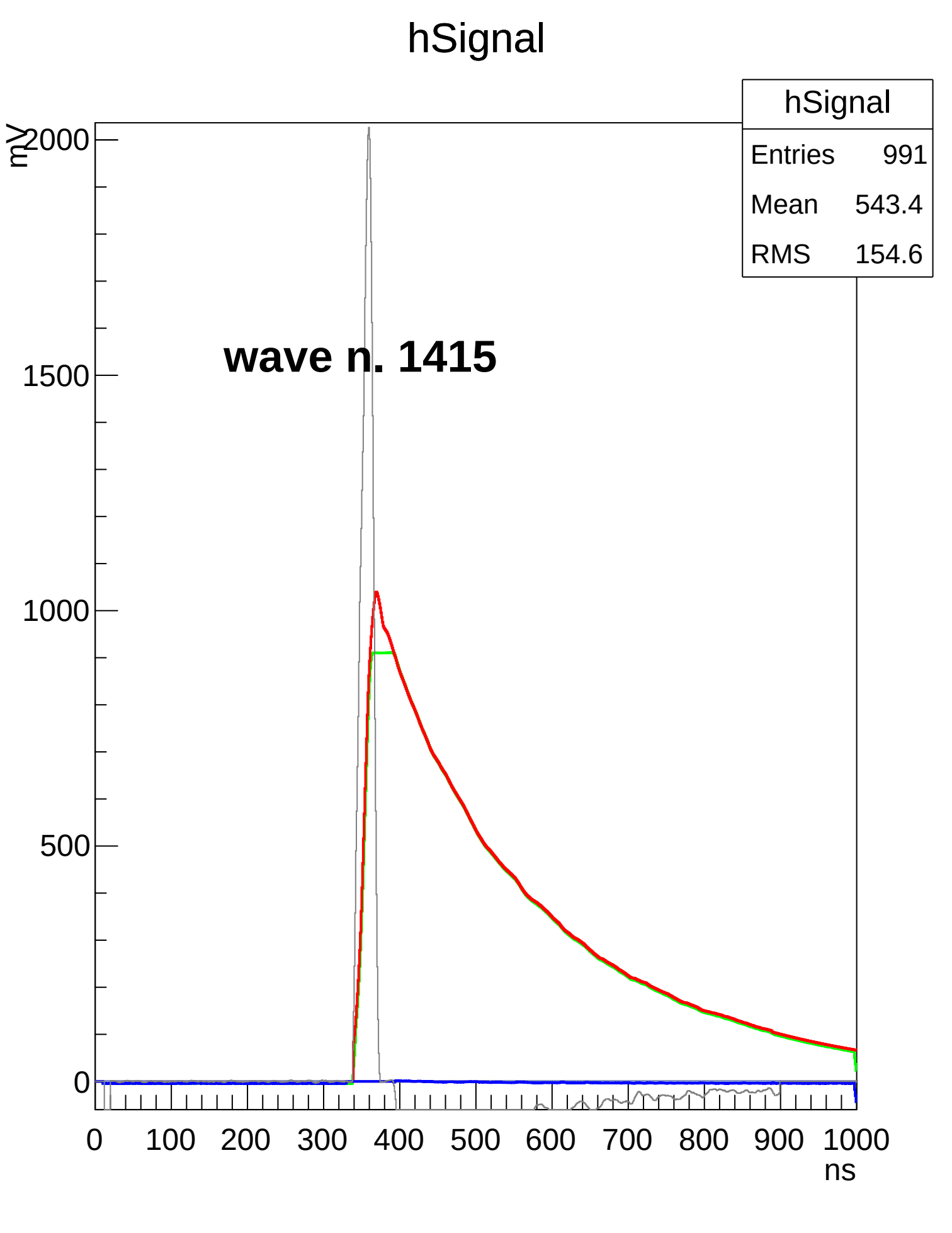
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 629.6
RMS 136.3
wave n. 1414
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 543.4
RMS 154.6
wave n. 1415
mV
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400
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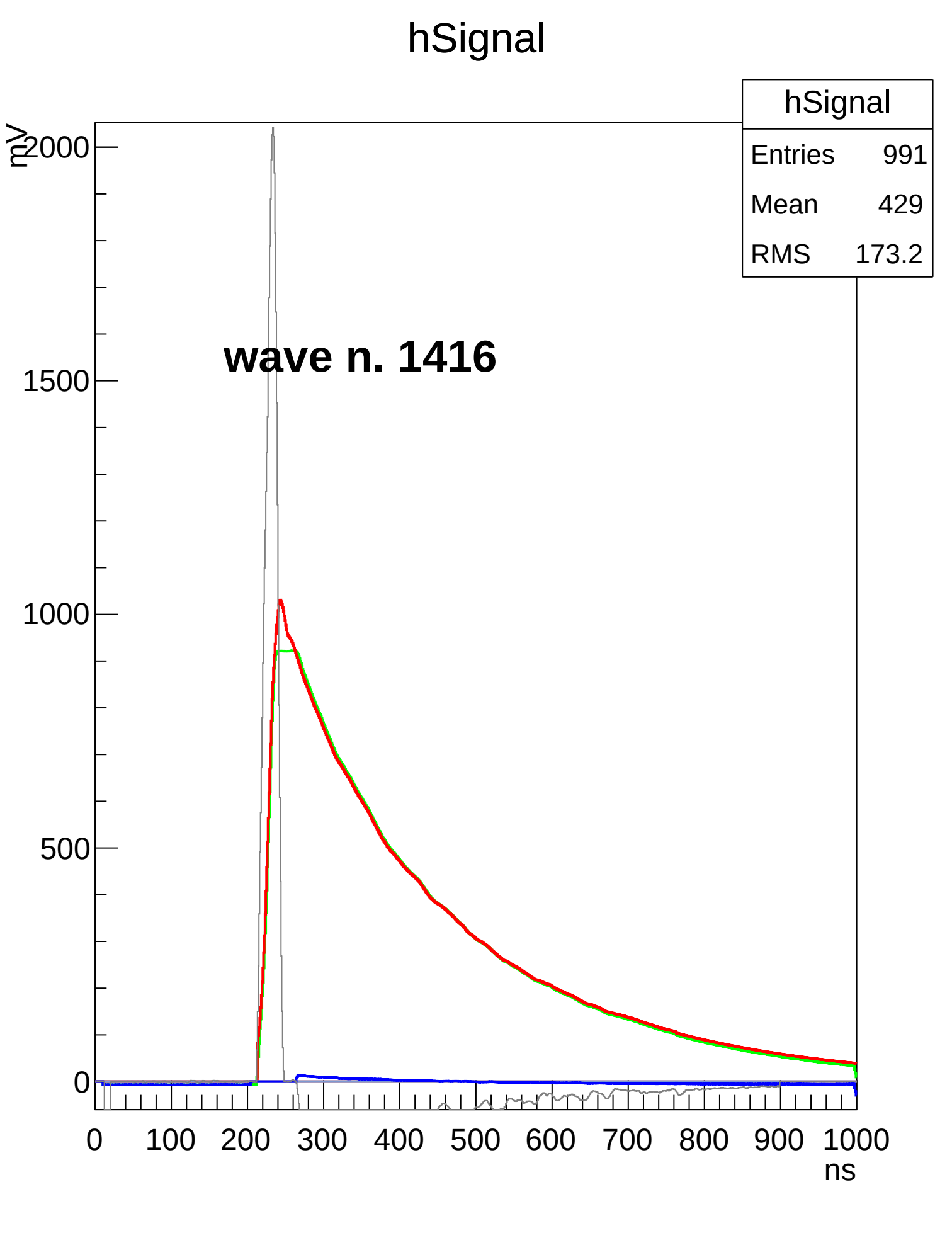
800
900
1000
ns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RMS 173.2
wave n. 1416
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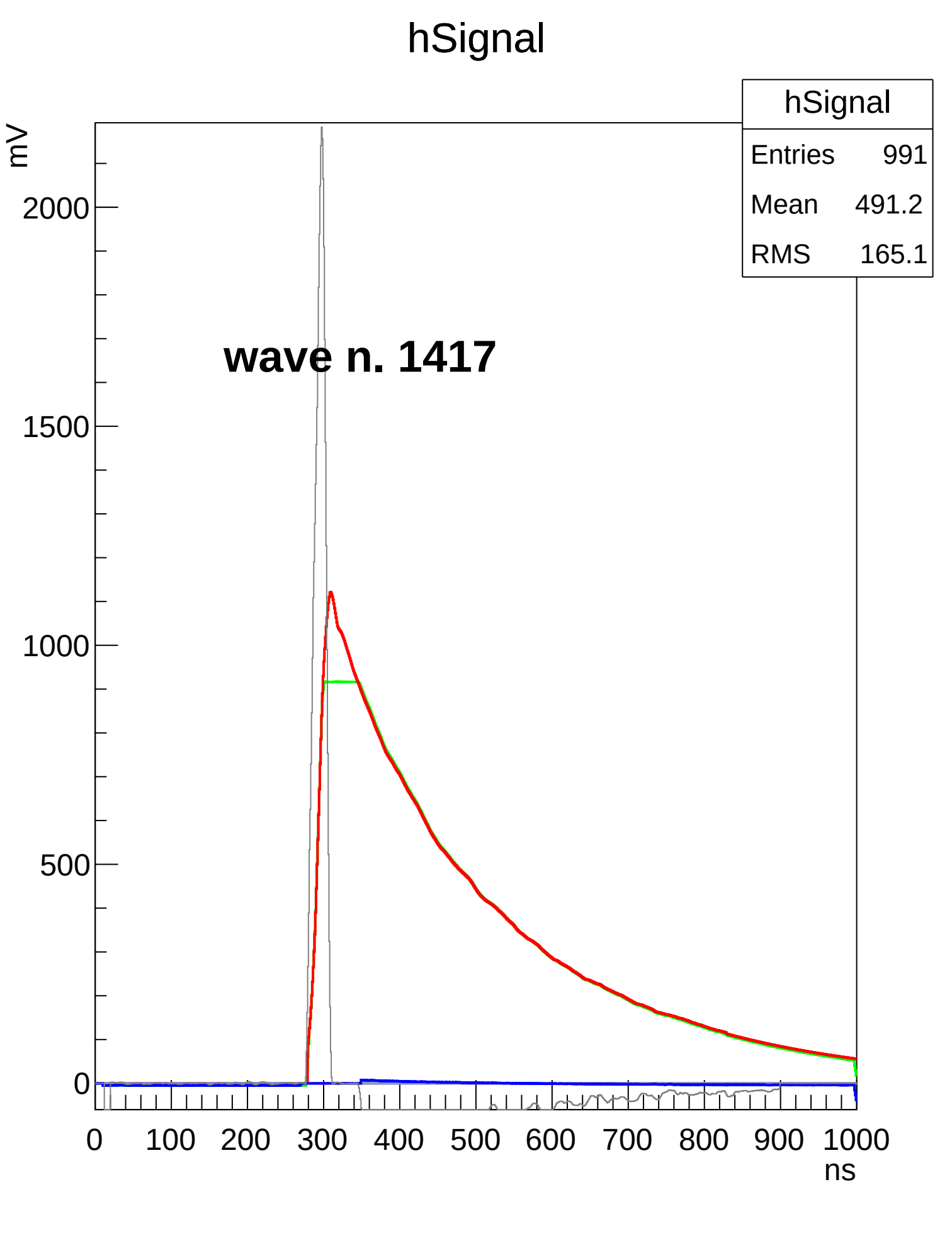
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Mean 491.2
RMS 165.1
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0
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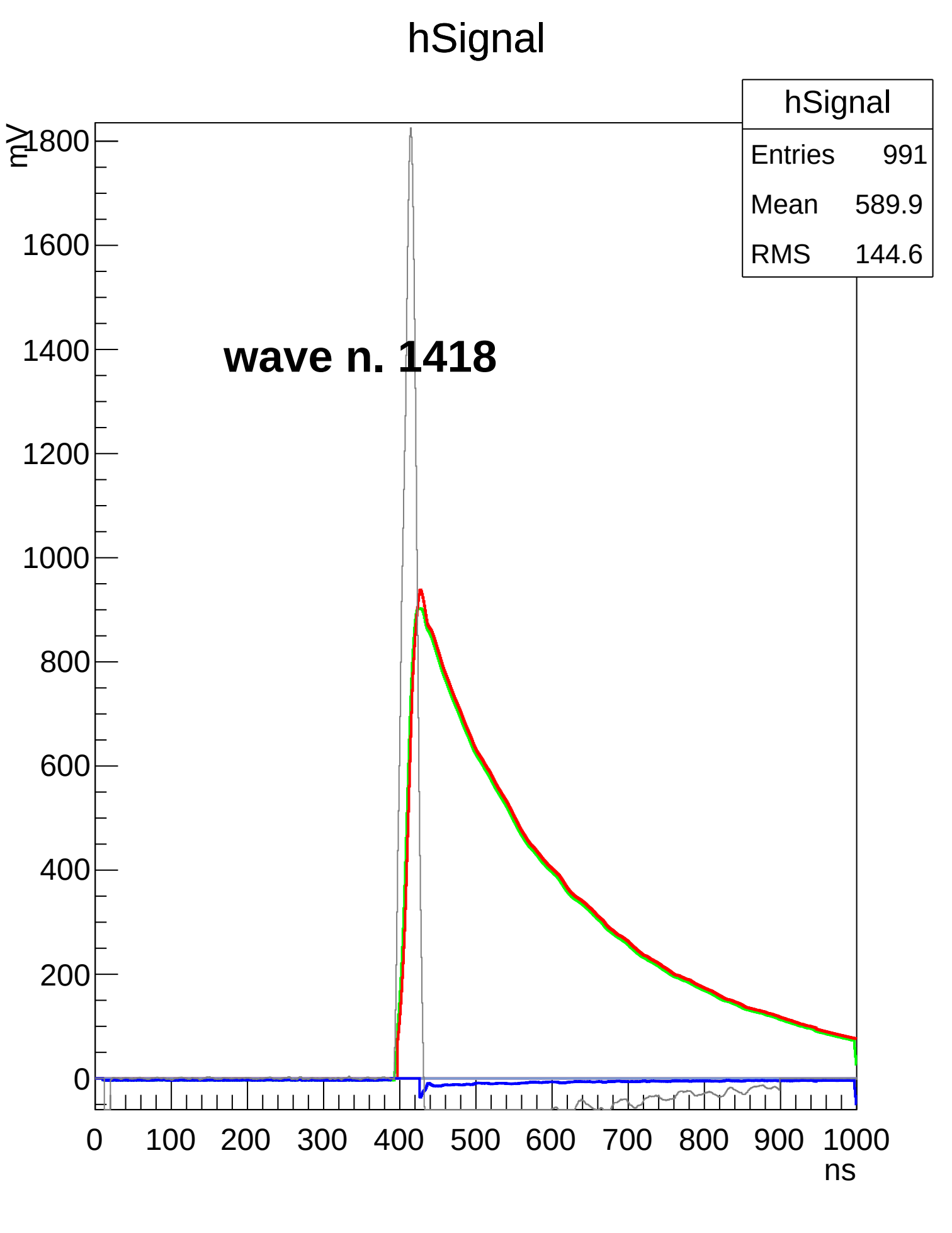
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Entries 991
Mean 589.9
RMS 144.6
wave n. 1418
mV
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1000
800
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400
200
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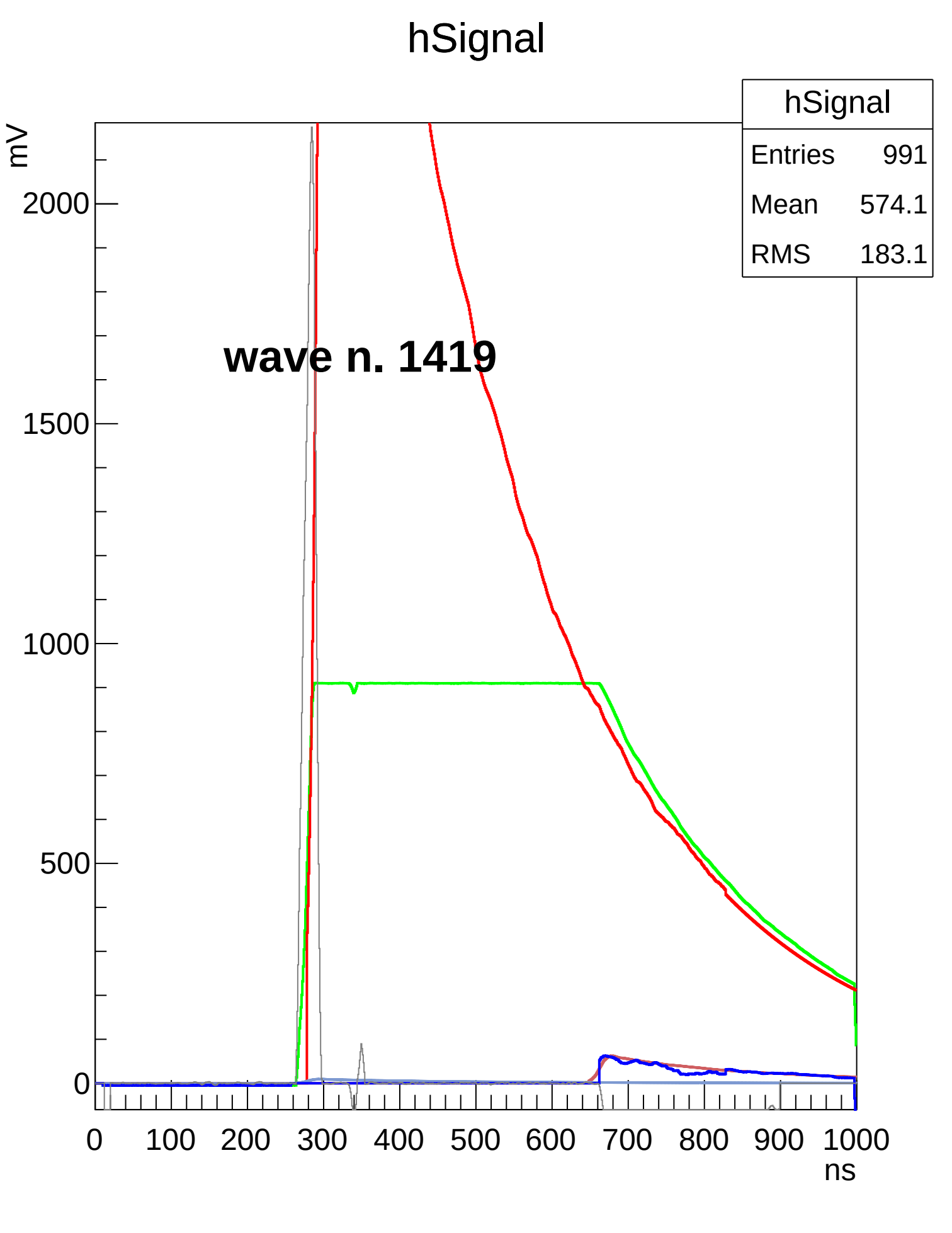
ns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Entries 991
Mean 574.1
RMS 183.1
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1000
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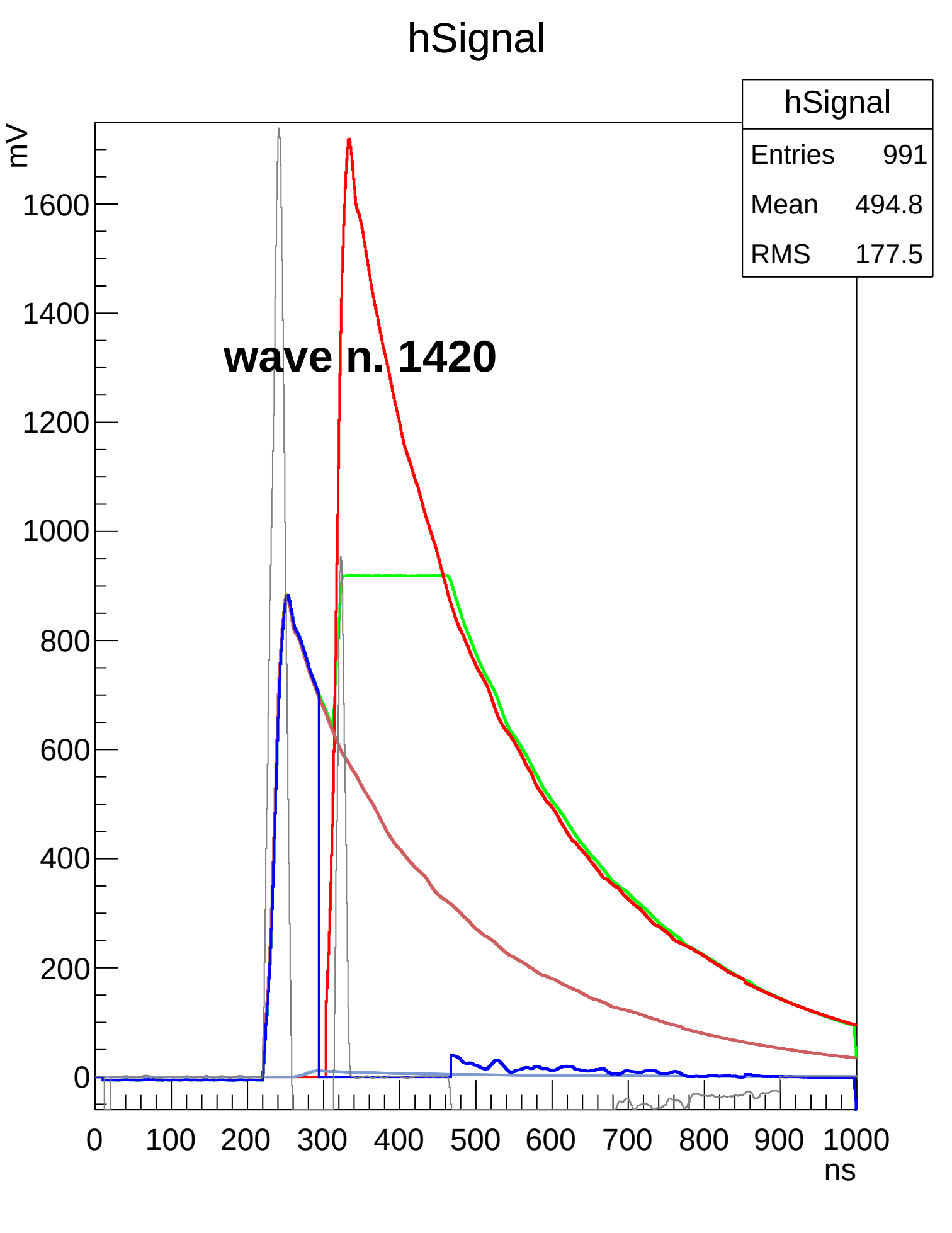
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hSignal
Entries 991
Mean 494.8
RMS 177.5
wave n. 1420
mV
1600
1400
1200
1000
800
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400
200
0
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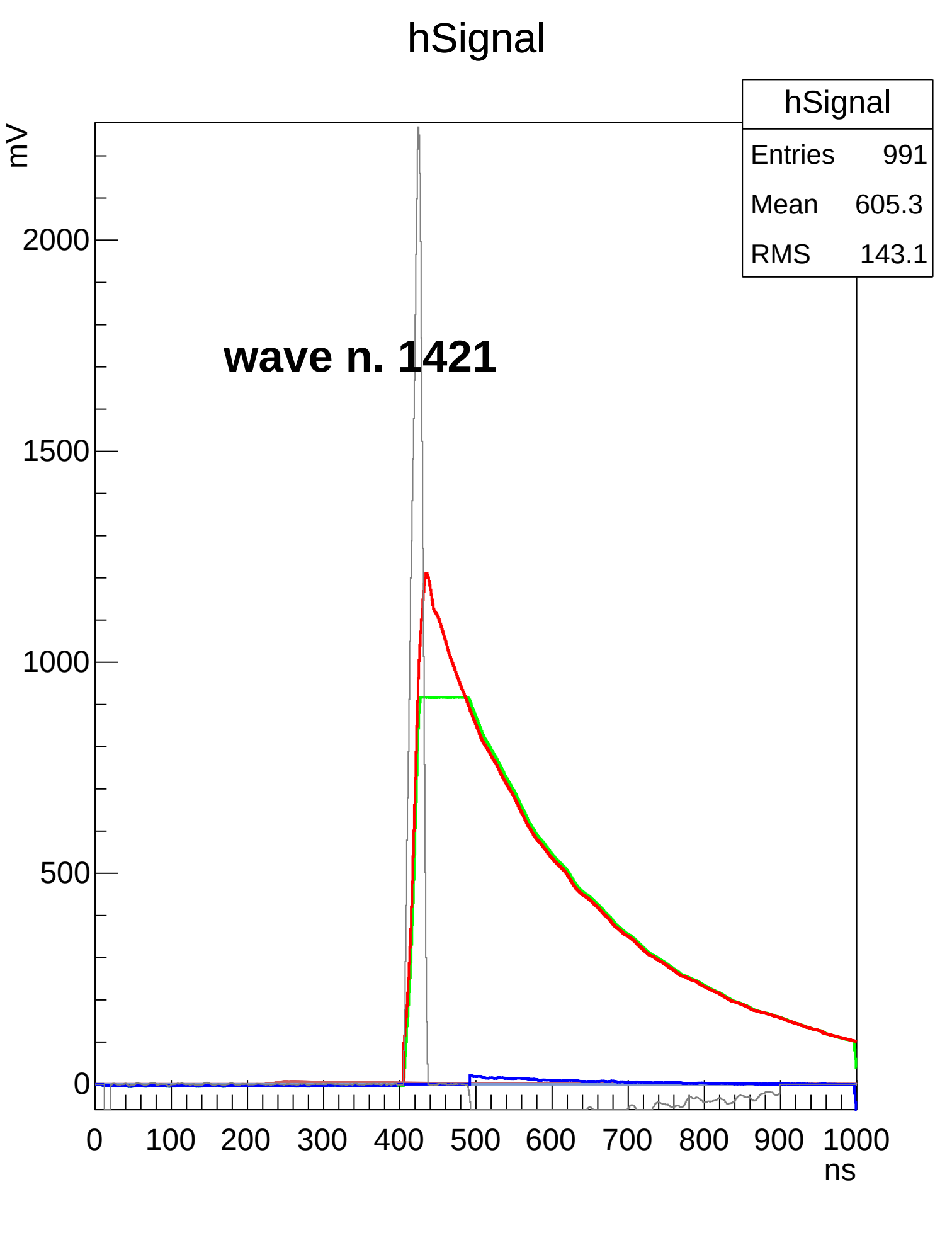
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Entries 991
Mean 605.3
RMS 143.1
wave n. 1421
mV
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1000
500
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0
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400
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800
900
1000
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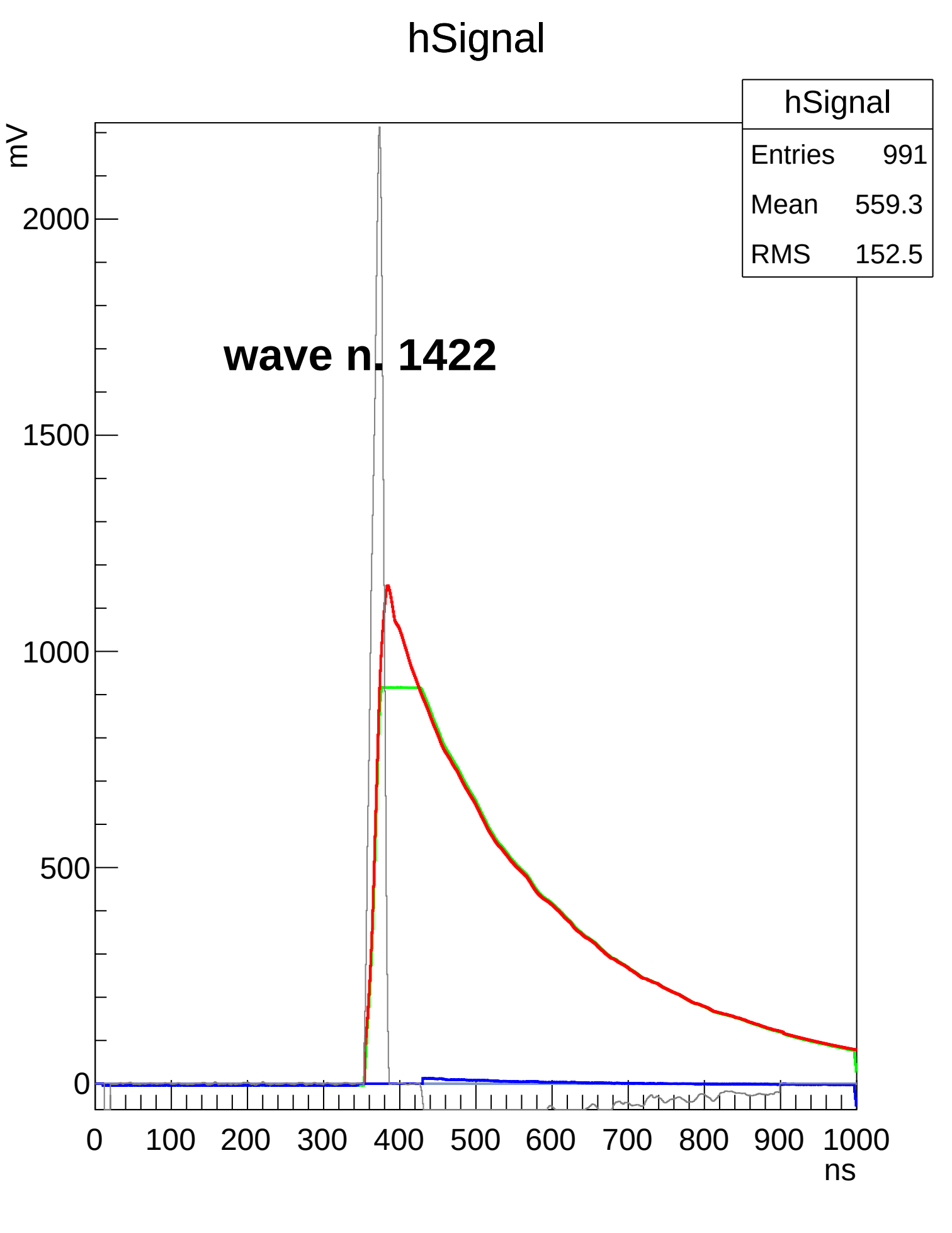
hSignal
hSignal
Entries 991
Mean 559.3
RMS 152.5
wave n. 1422
mV
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0
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400
500
600
700
800
900
1000
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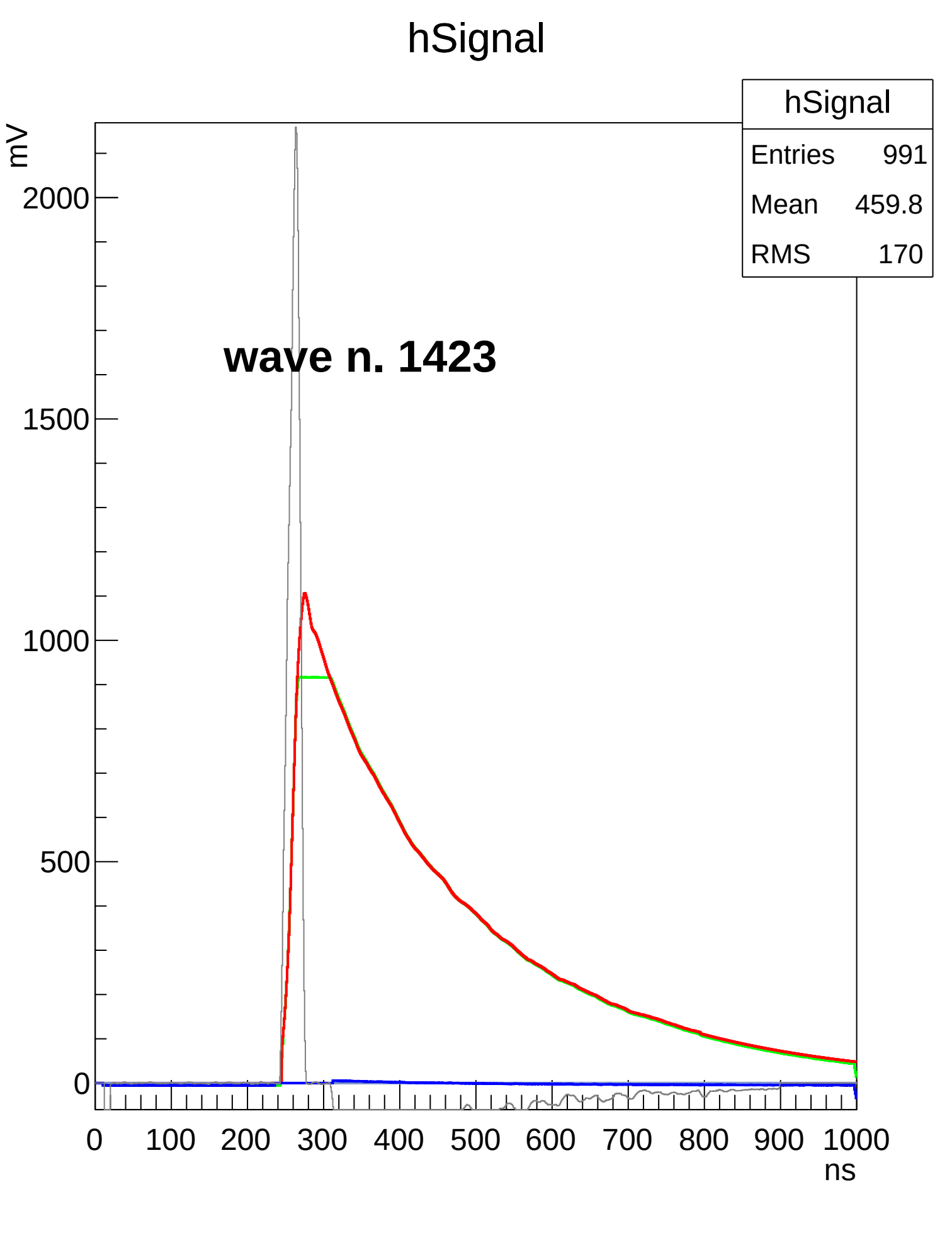
hSignal
hSignal
Entries 991
Mean 459.8
RMS 170
wave n. 1423
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1500
1000
500
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0
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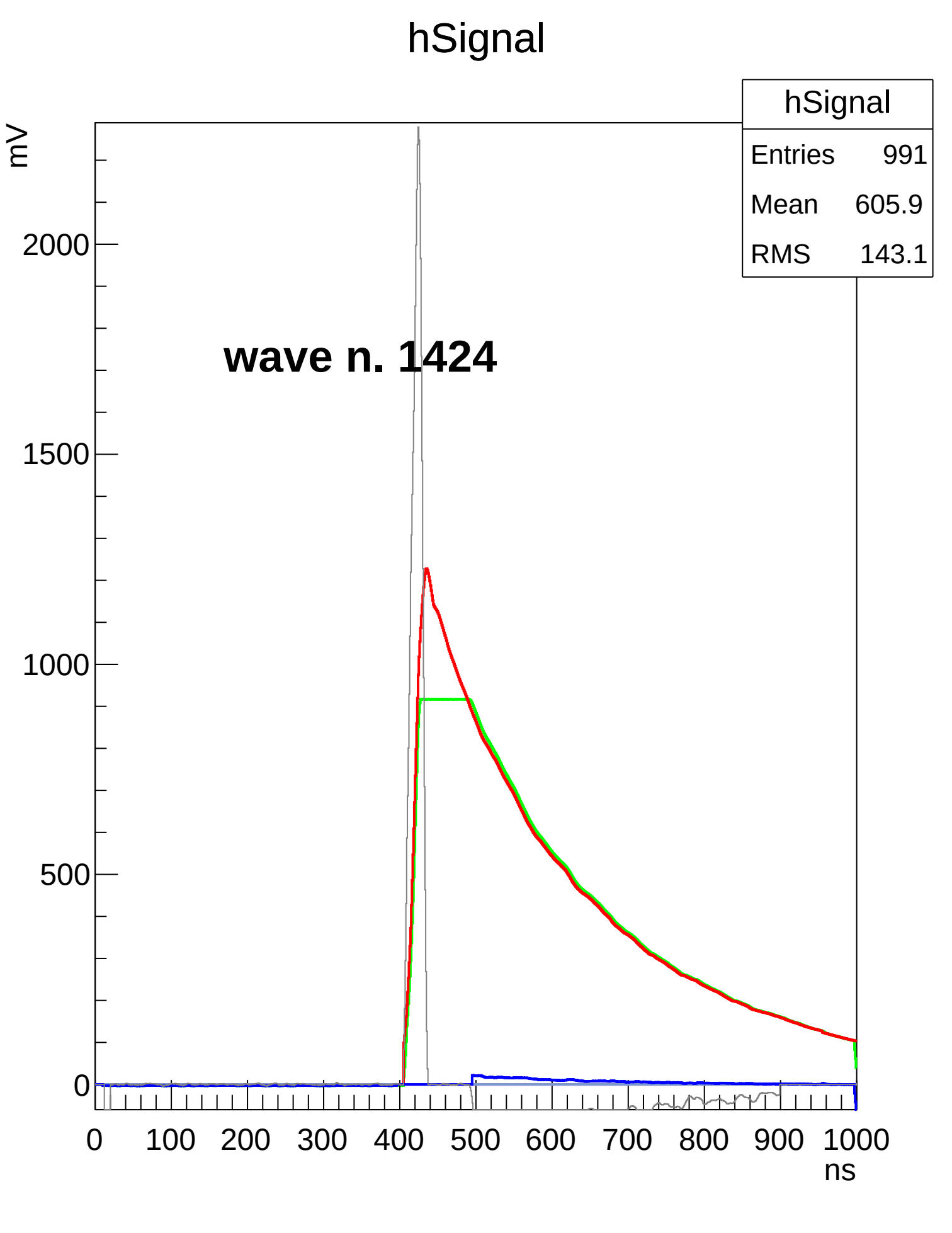
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 605.9
RMS 143.1
wave n. 1424
mV
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1000
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0
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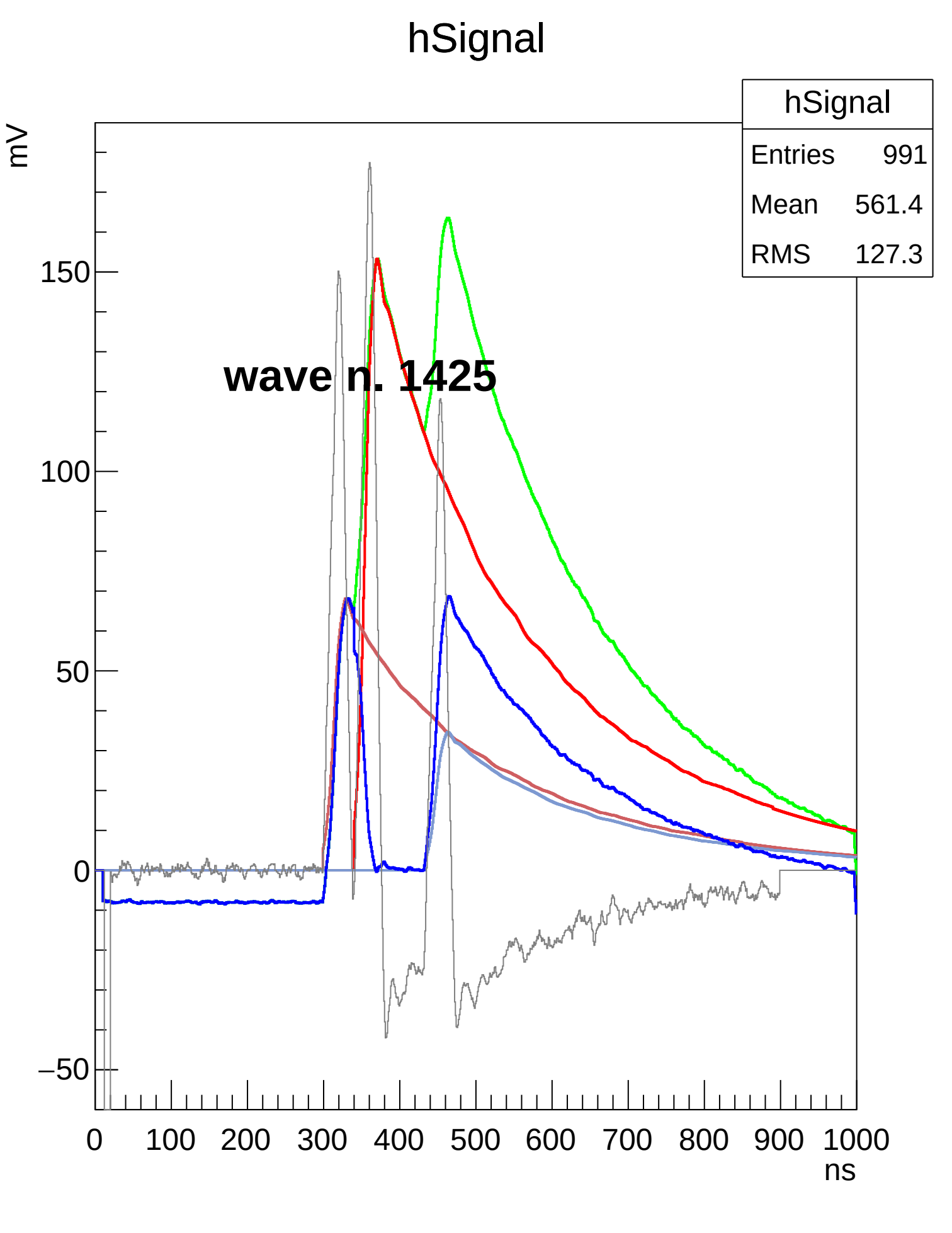
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 561.4
RMS 127.3
wave n. 1425
mV
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100
50
0
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0
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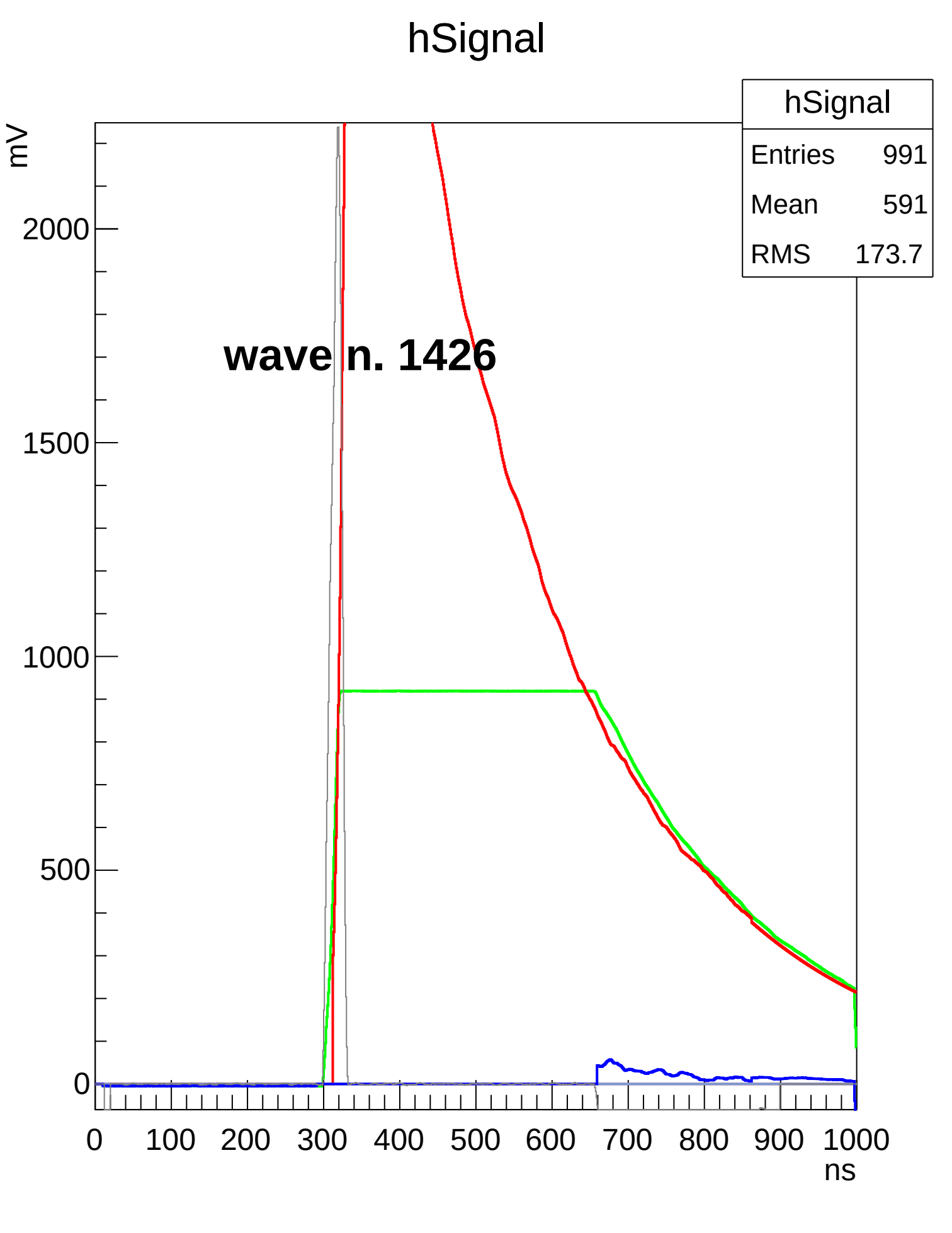
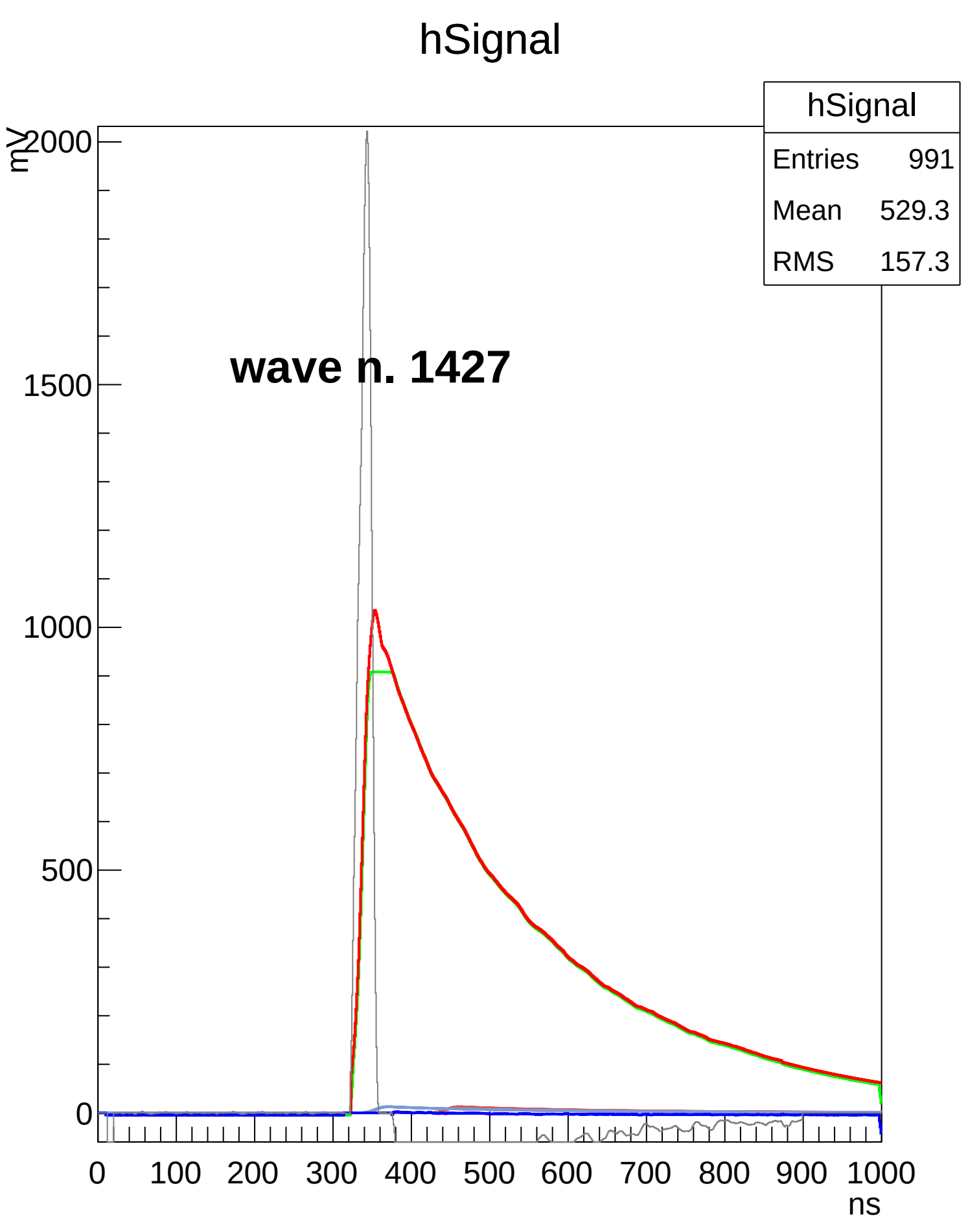
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 591
RMS 173.7
wave n. 1426
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 529.3
RMS 157.3
wave n. 1427
mV
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1500
1000
500
0
0
100
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800
900
1000
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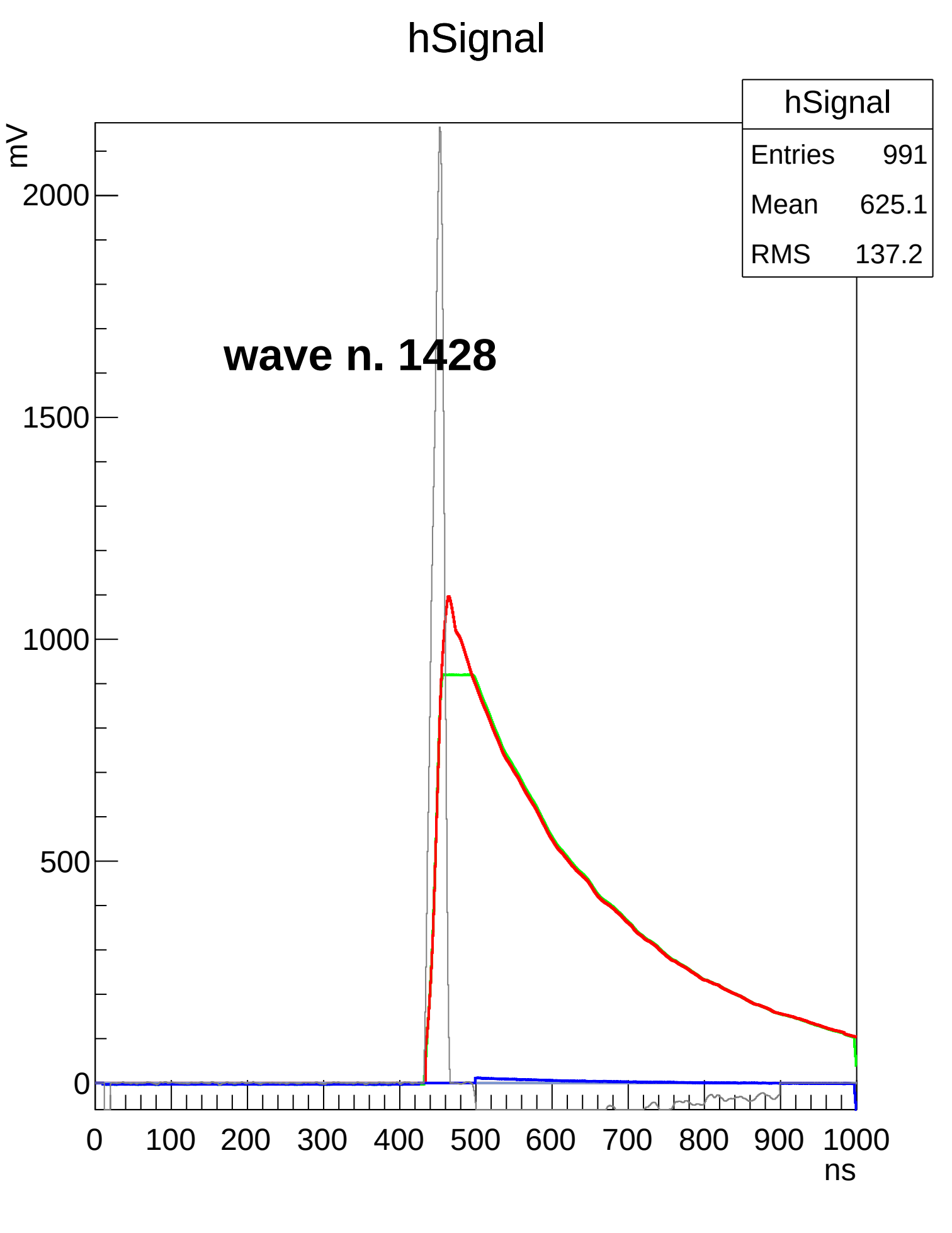
hSignal
hSignal
Entries 991
Mean 625.1
RMS 137.2
wave n. 1428
mV
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1500
1000
500
0
0
100
200
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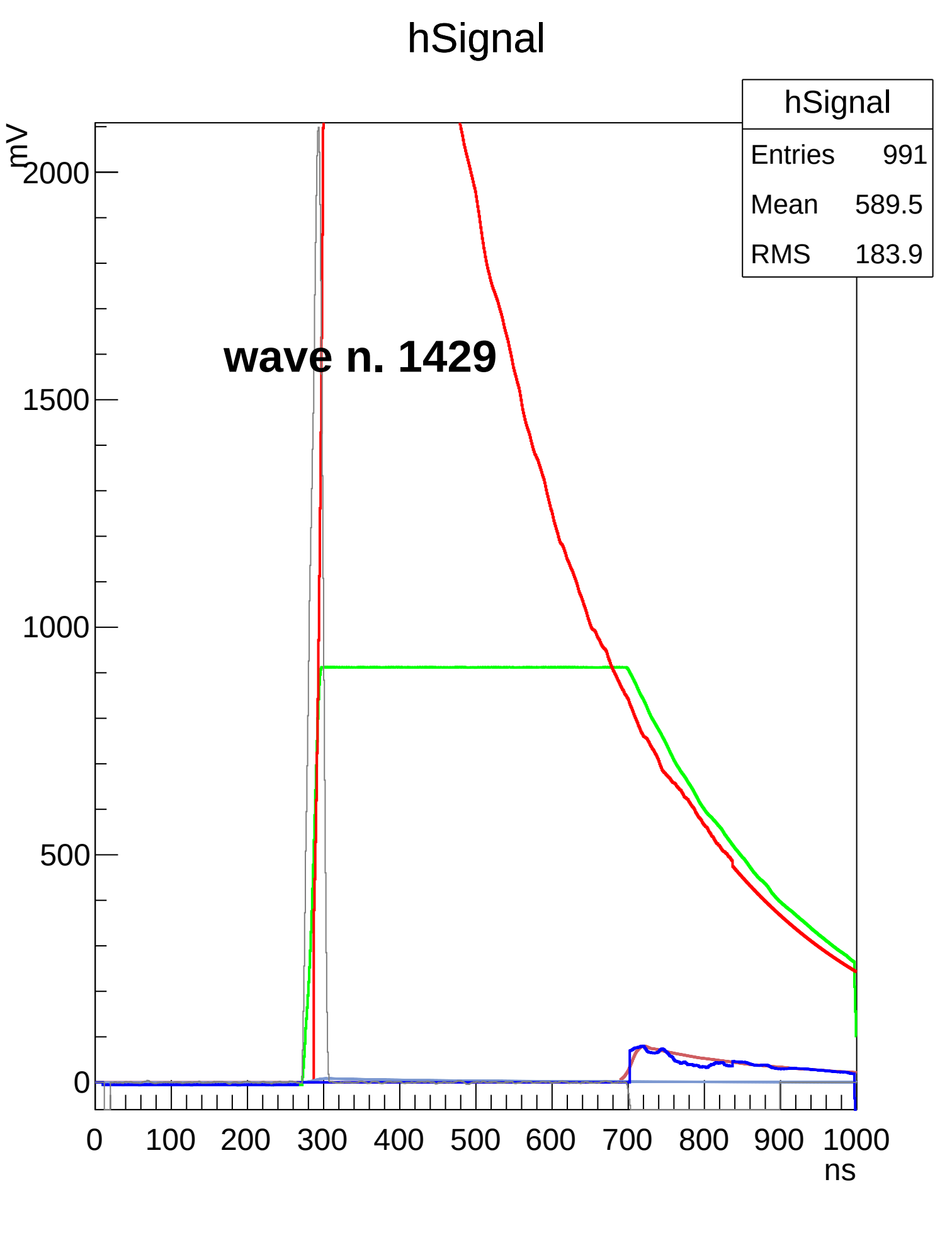
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 589.5
RMS 183.9
wave n. 1429
mV
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1500
1000
500
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0
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400
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600
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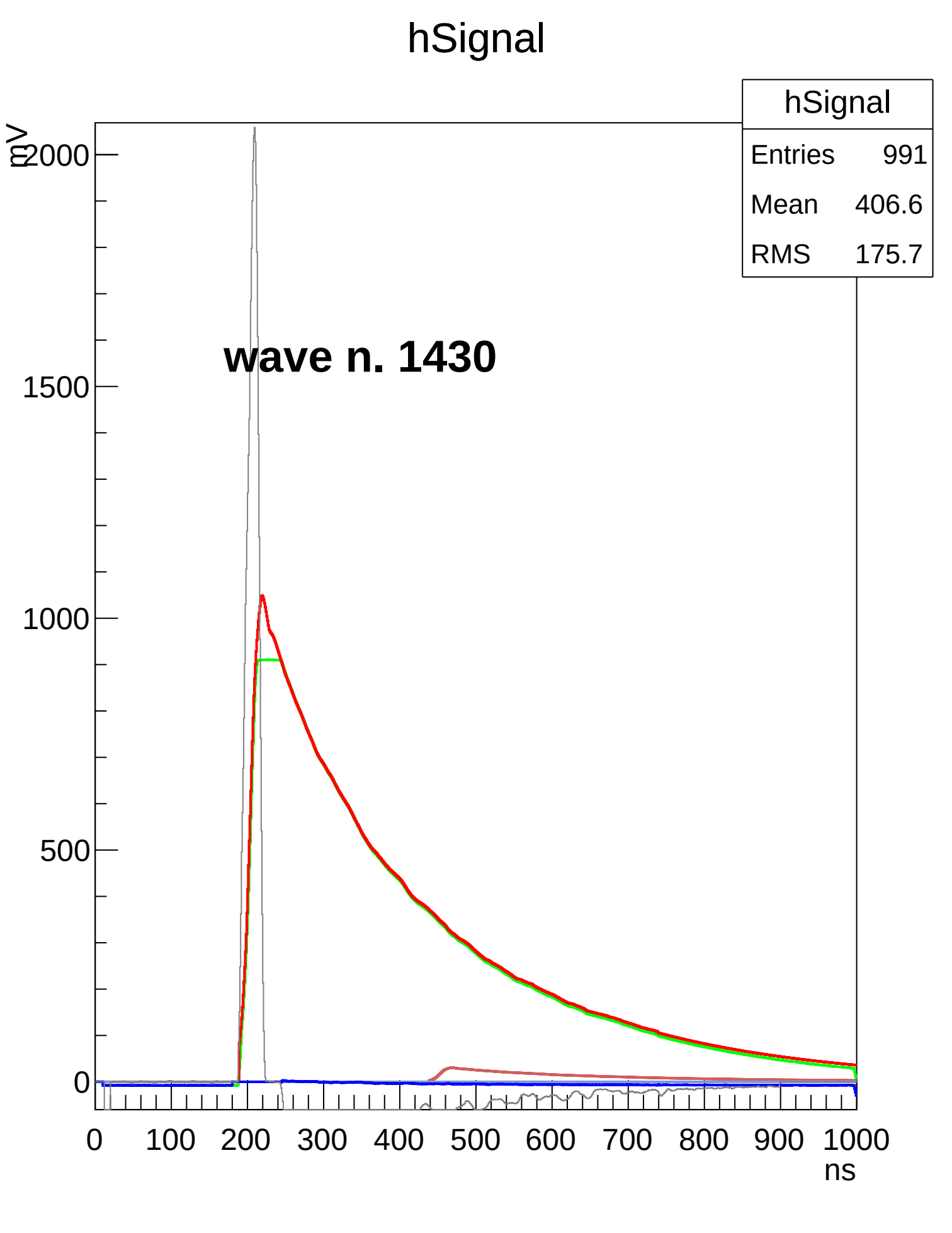
800
900
1000
ns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Entries 991
Mean 406.6
RMS 175.7
wave n. 1430
mV
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0
100
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800
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1000
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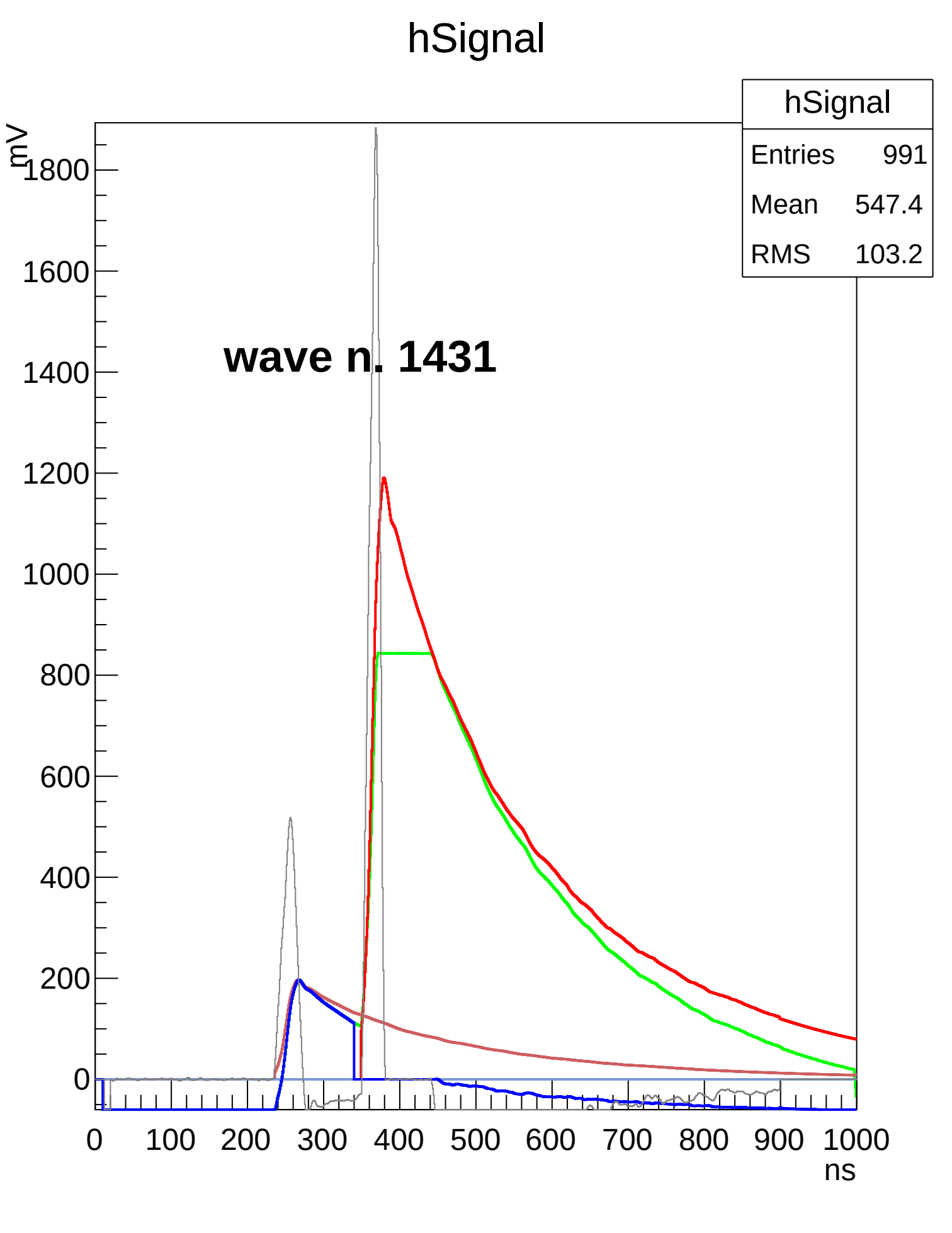
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Entries 991
Mean 547.4
RMS 103.2
wave n. 1431
mV
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1600
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600
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200
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0
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1000
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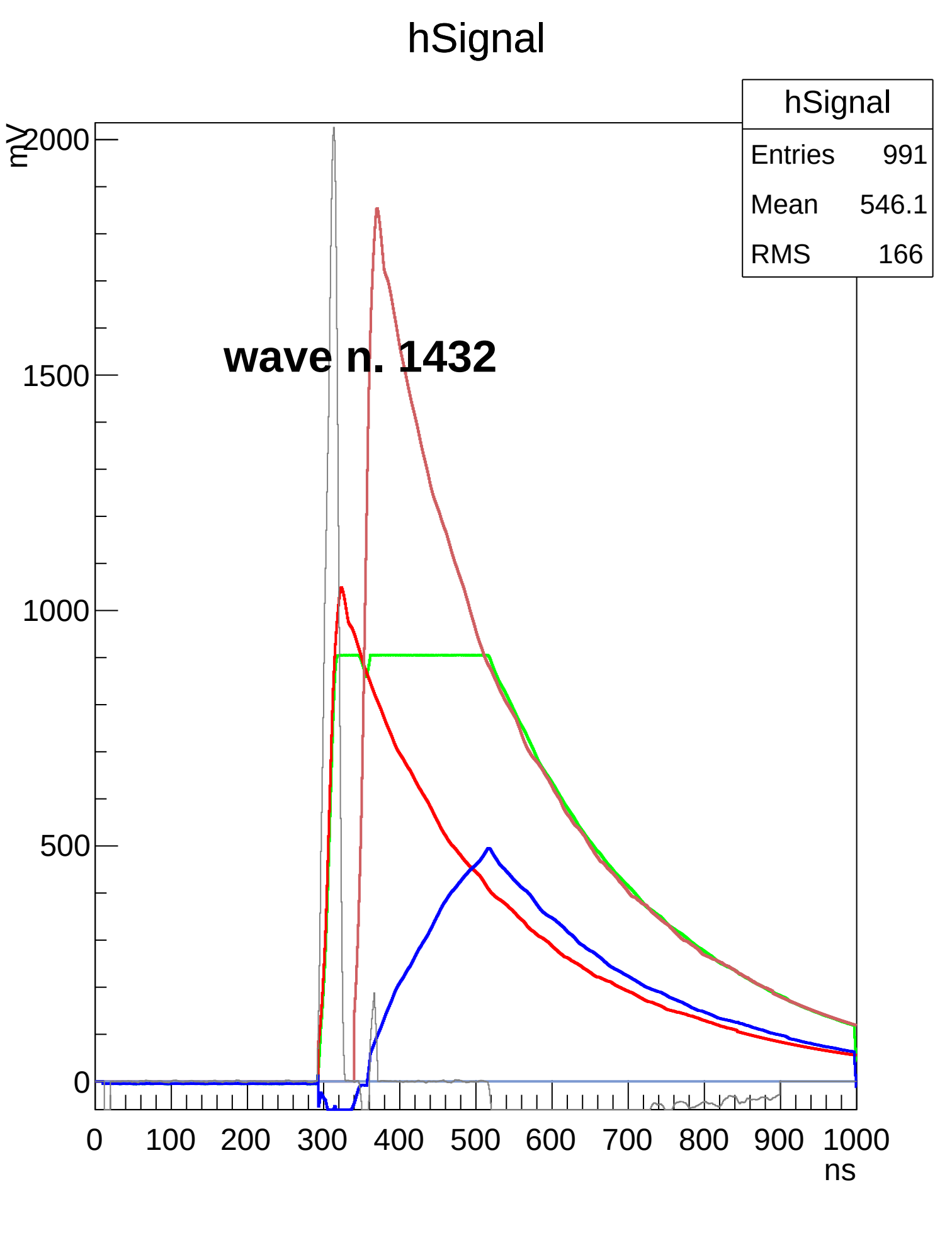
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Entries 991
Mean 546.1
RMS 166
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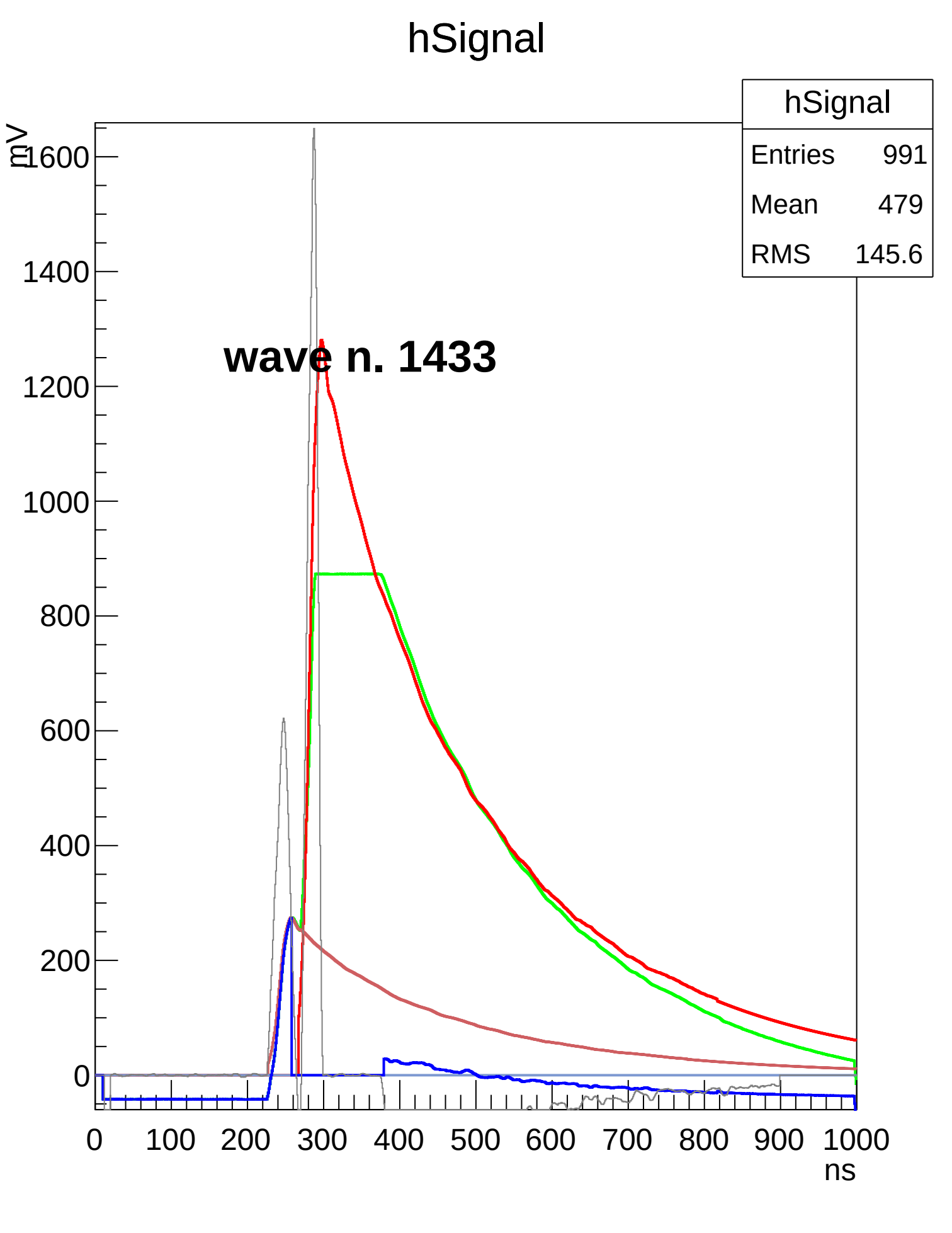
800
900
1000
ns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hSignal
Entries 991
Mean 479
RMS 145.6
wave n. 1433
mV
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1400
1200
1000
800
600
400
200
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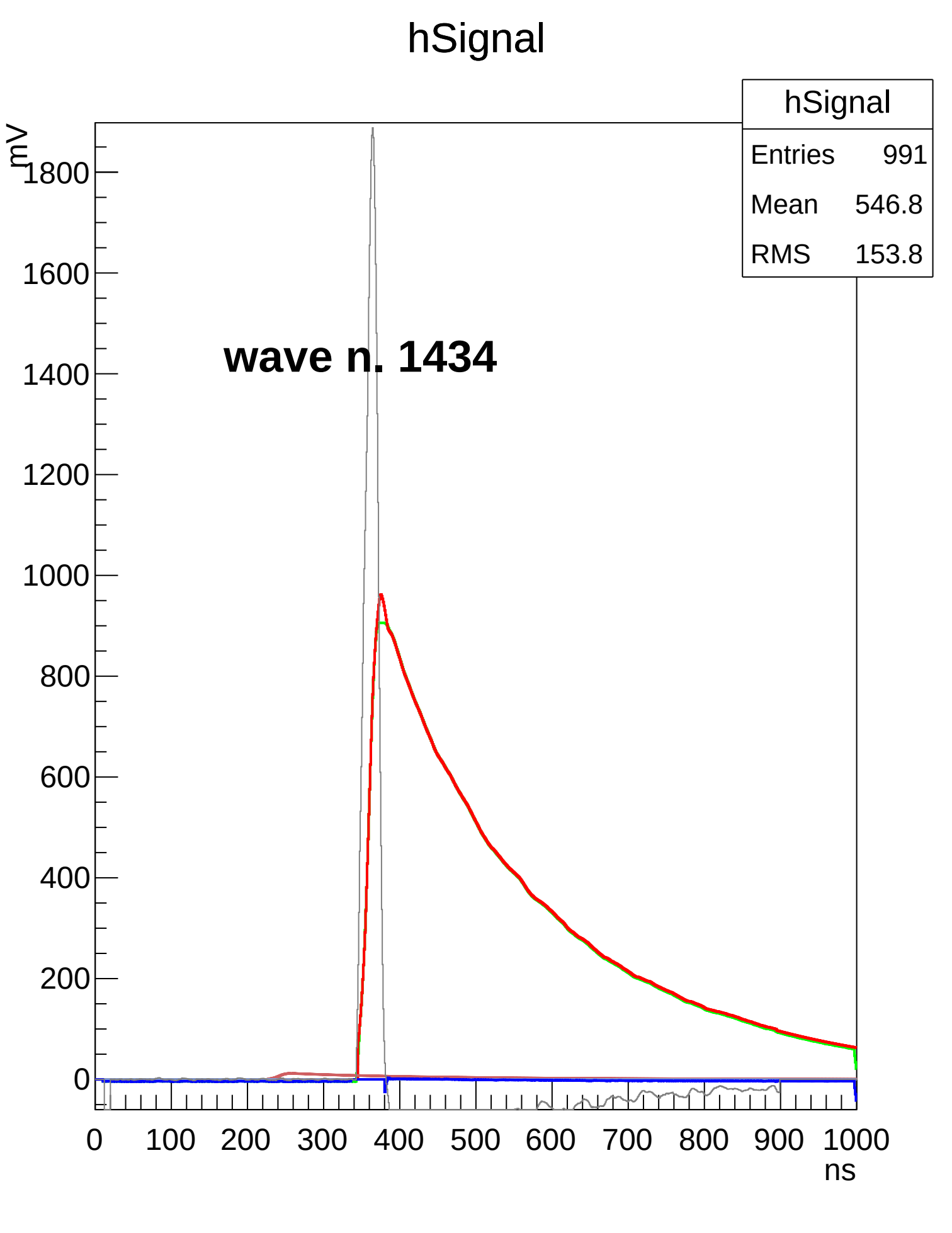
ns


hSignal
hSignal
Entries 991
Mean 546.8
RMS 153.8
wave n. 1434
mV
1800
1600
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600
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200
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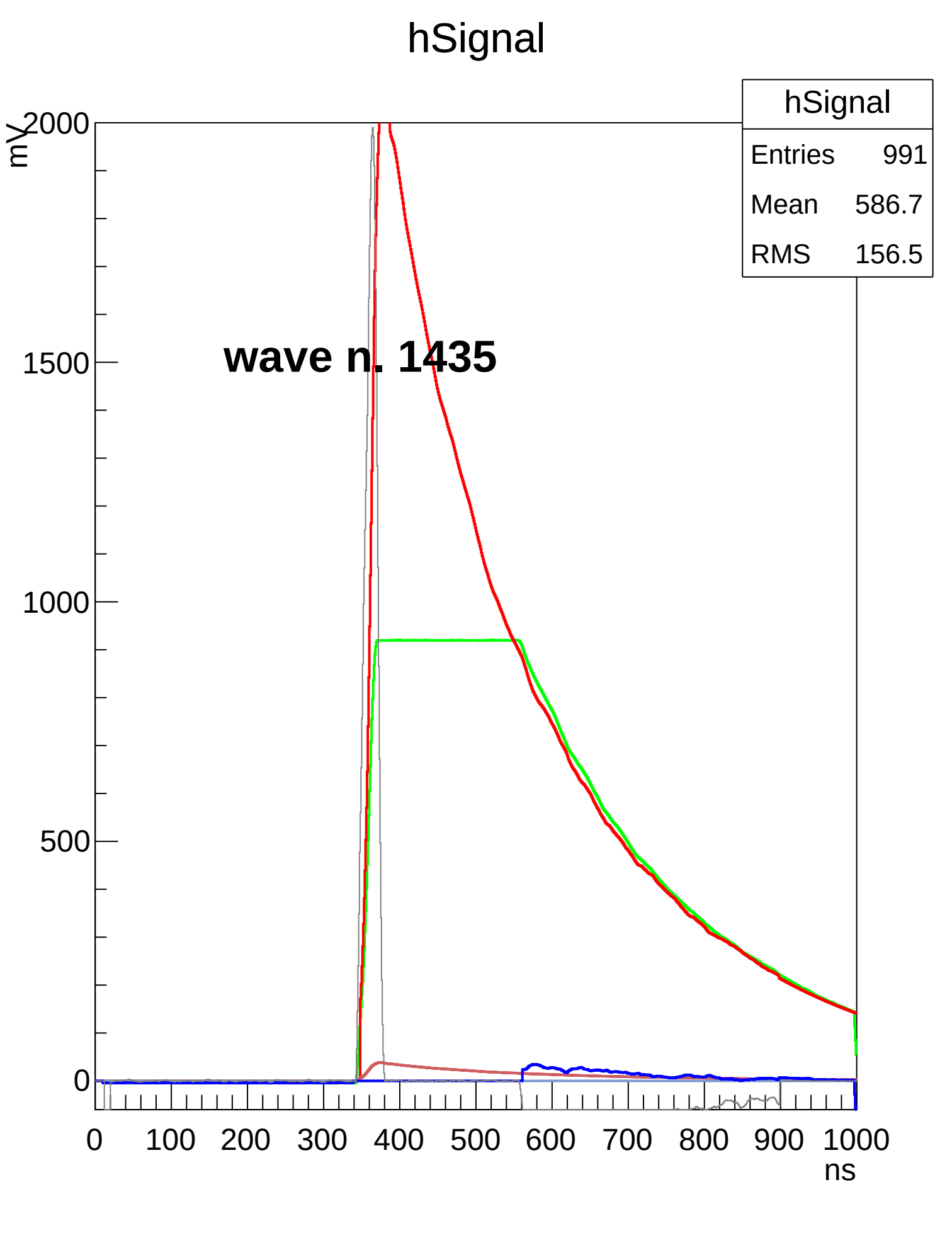
1000
ns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Entries 991
Mean 586.7
RMS 156.5
wave n. 1435
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1000
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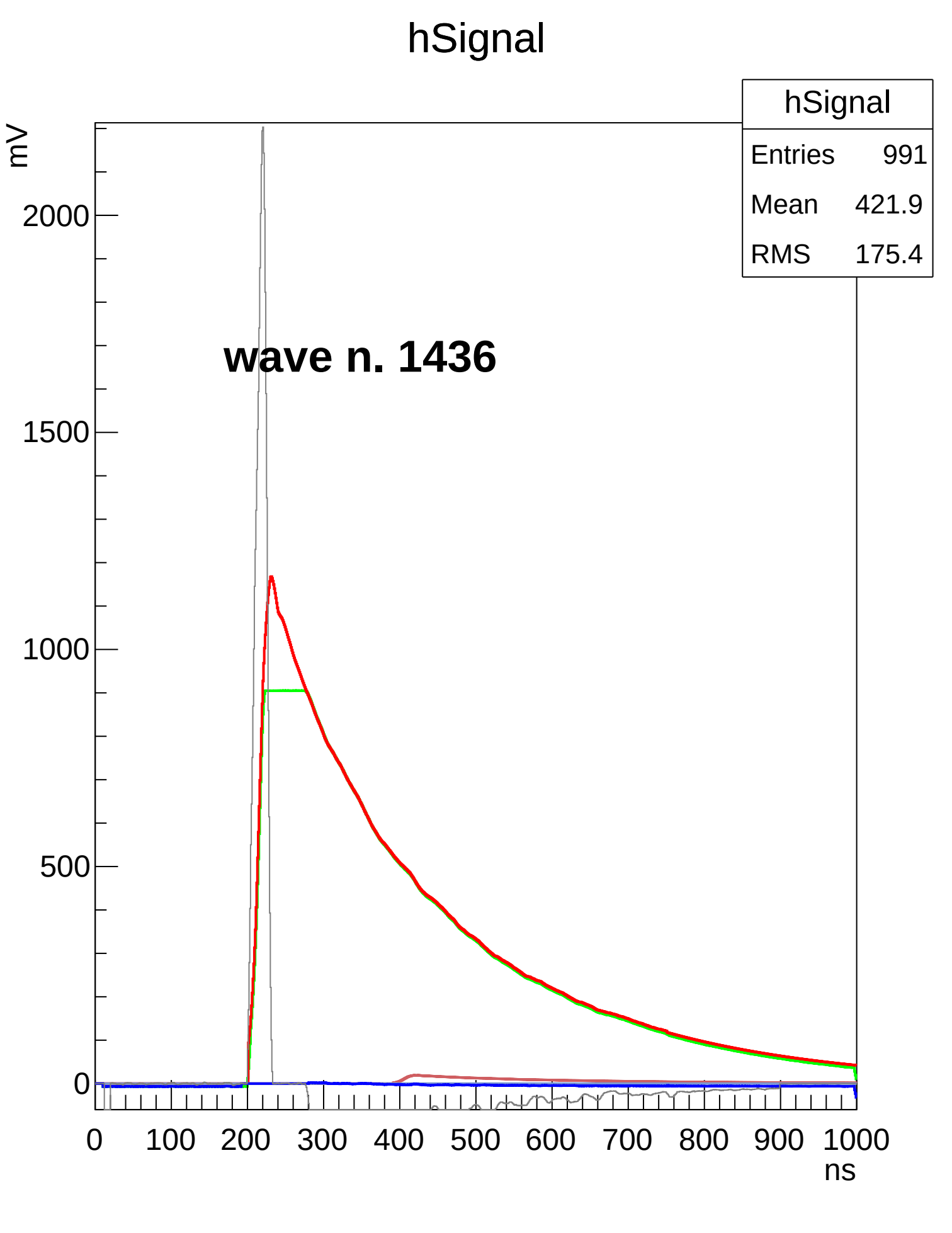
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Entries 991
Mean 421.9
RMS 175.4
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1000
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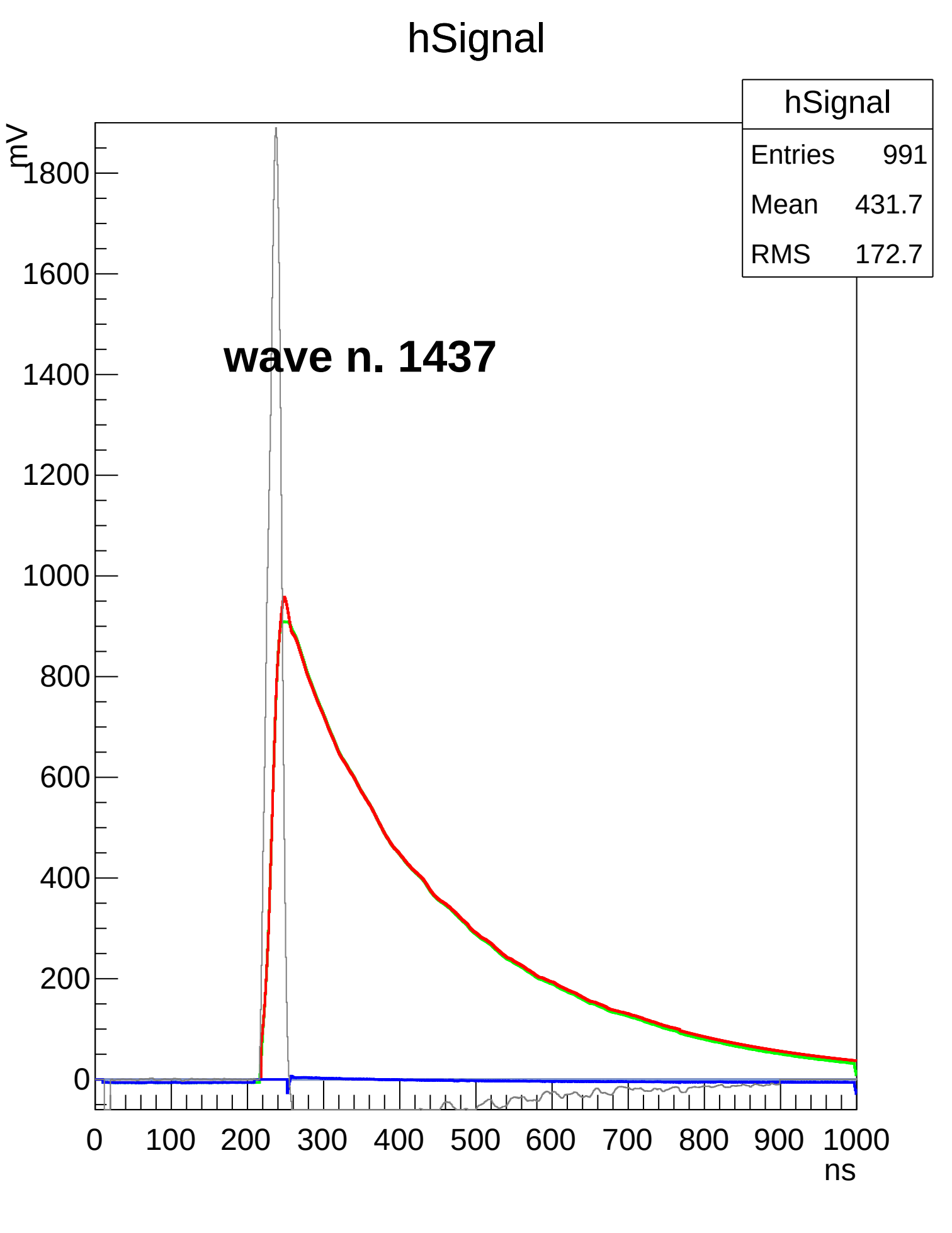
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hSignal
Entries 991
Mean 431.7
RMS 172.7
wave n. 1437
mV
1800
1600
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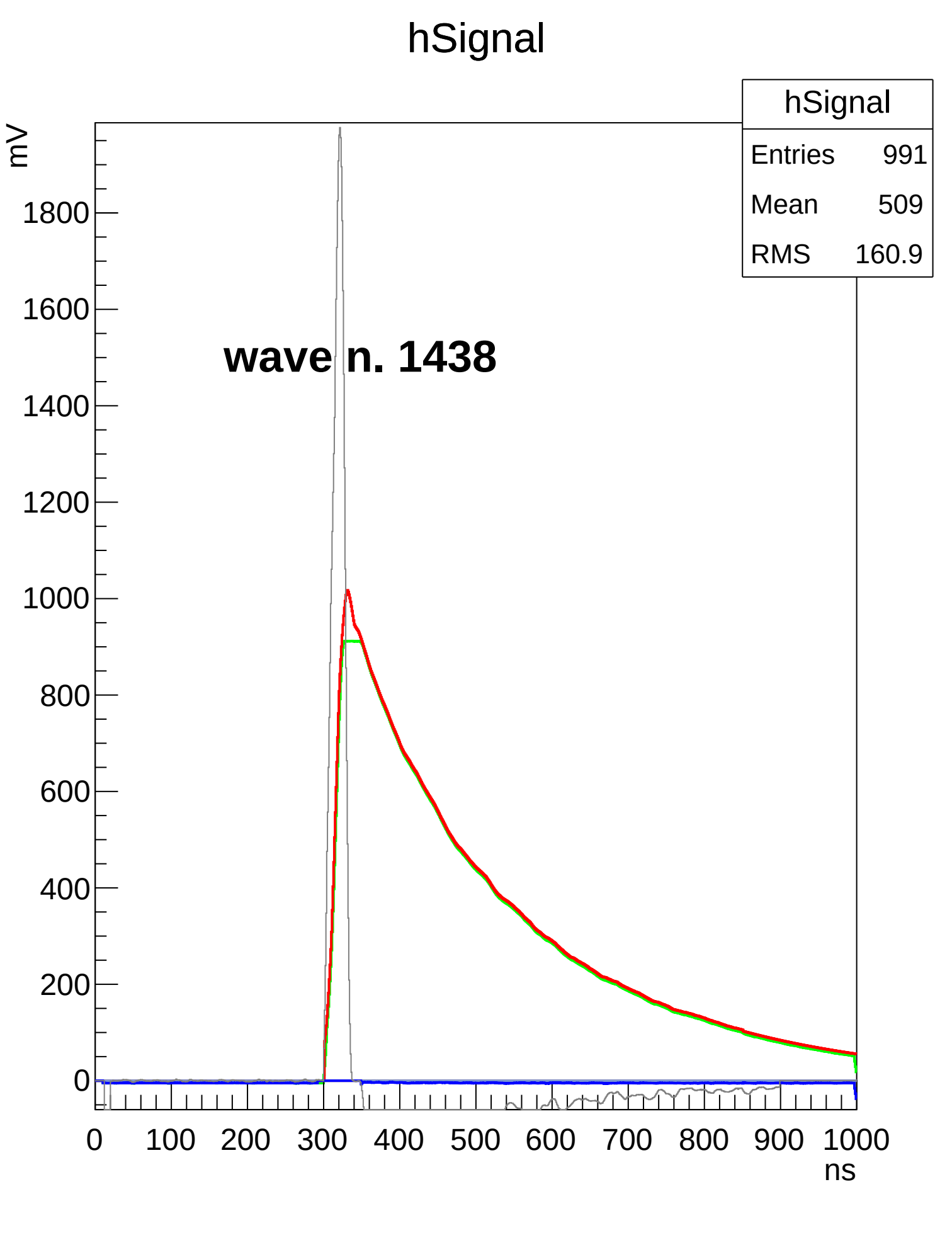
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Entries 991
Mean 509
RMS 160.9
wave n. 1438
mV
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1400
1200
1000
800
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400
200
0
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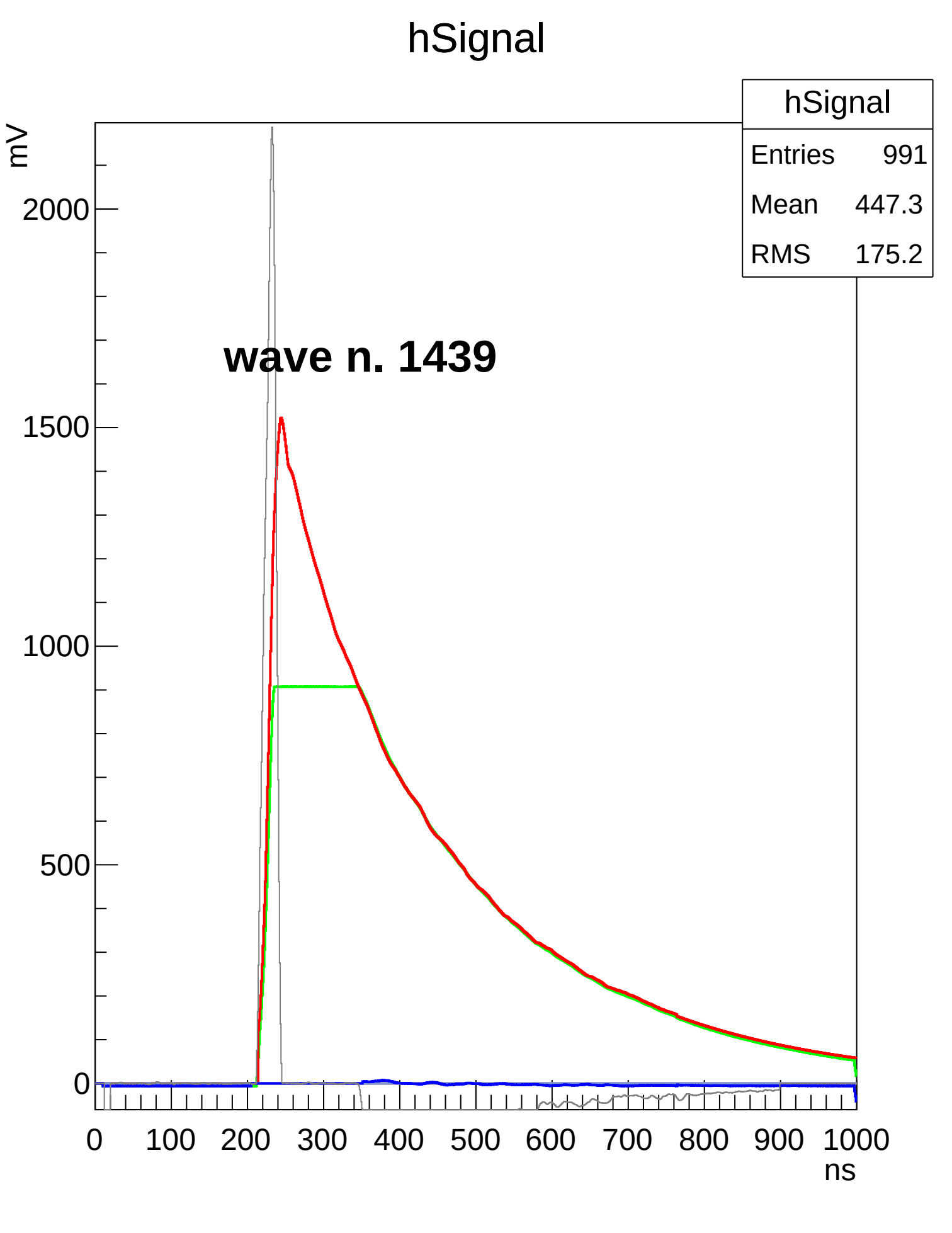
ns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Entries 991
Mean 447.3
RMS 175.2
wave n. 1439
mV
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1000
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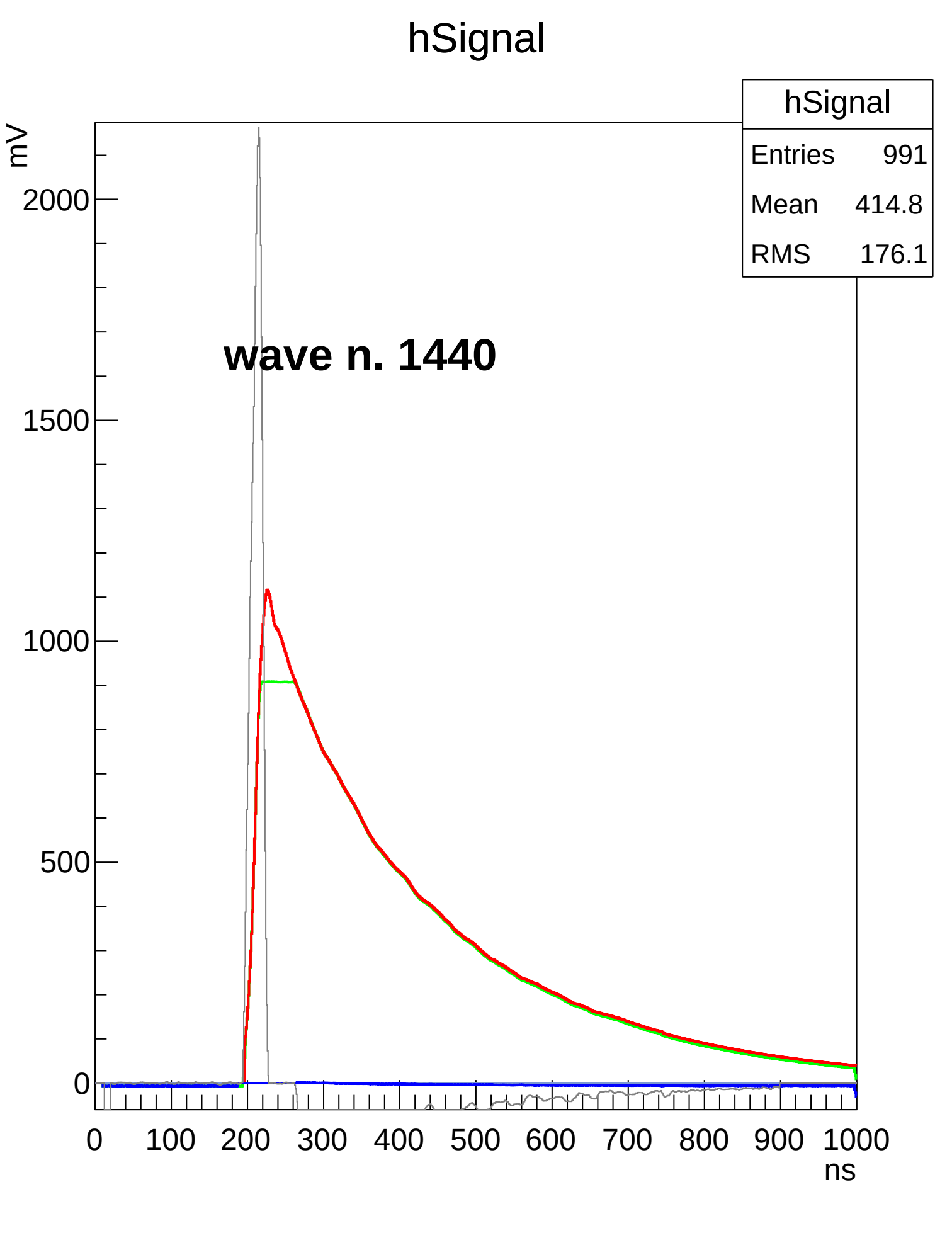
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Entries 991
Mean 414.8
RMS 176.1
wave n. 1440
mV
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400
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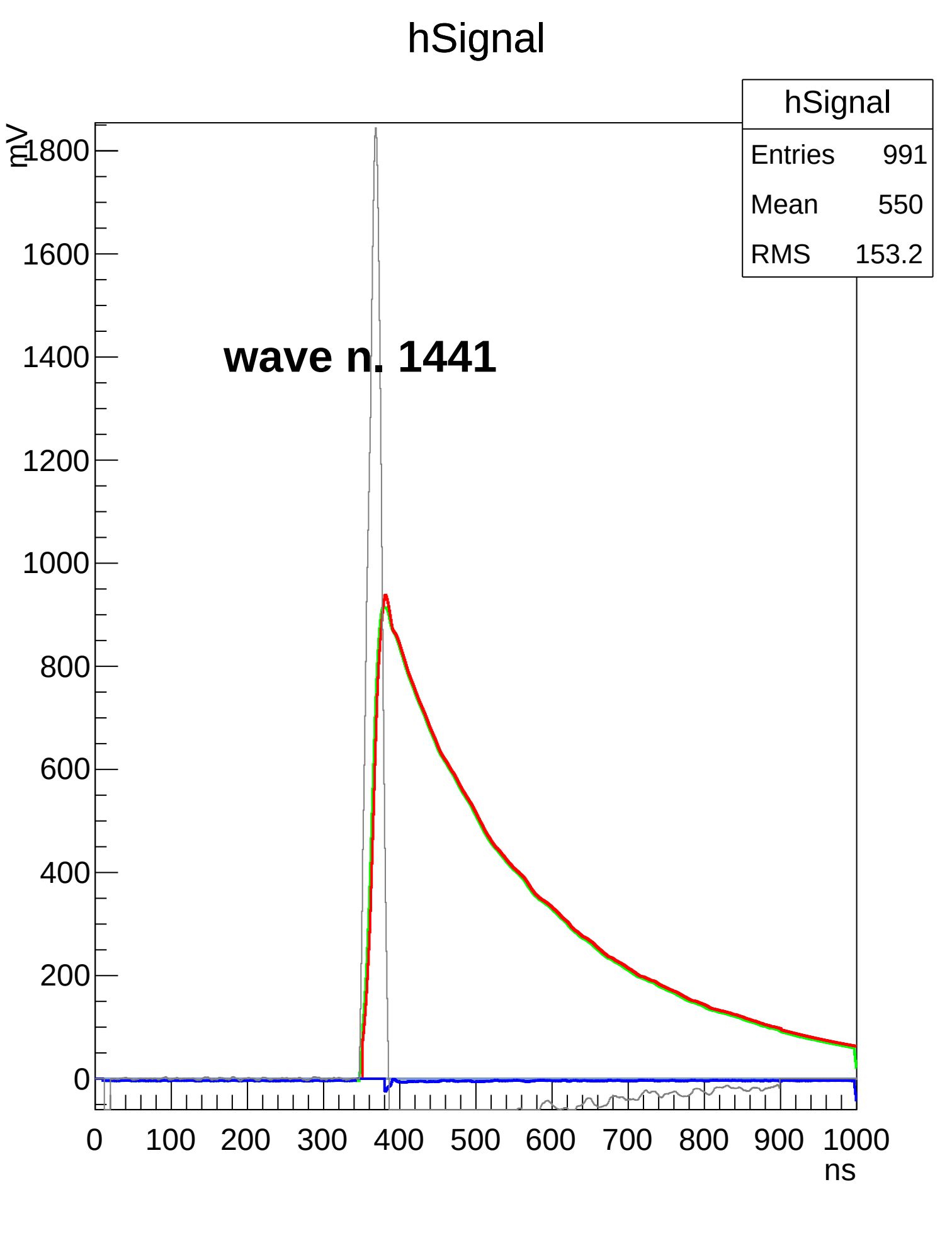
800
900
1000
ns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hSignal
Entries 991
Mean 550
RMS 153.2
wave n. 1441
mV
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1200
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800
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200
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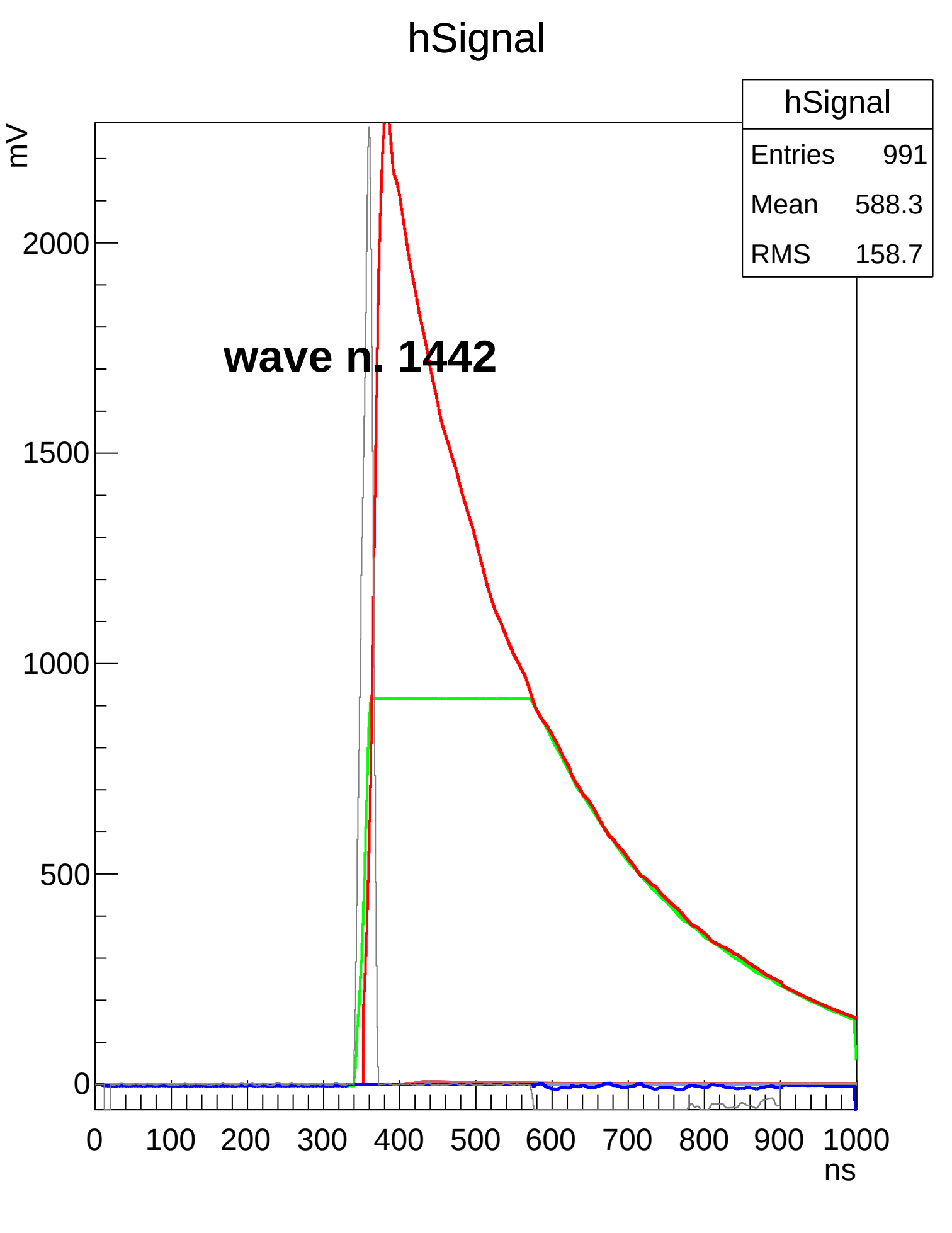
ns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hSignal
Entries 991
Mean 588.3
RMS 158.7
wave n. 1442
mV
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100
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800
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1000
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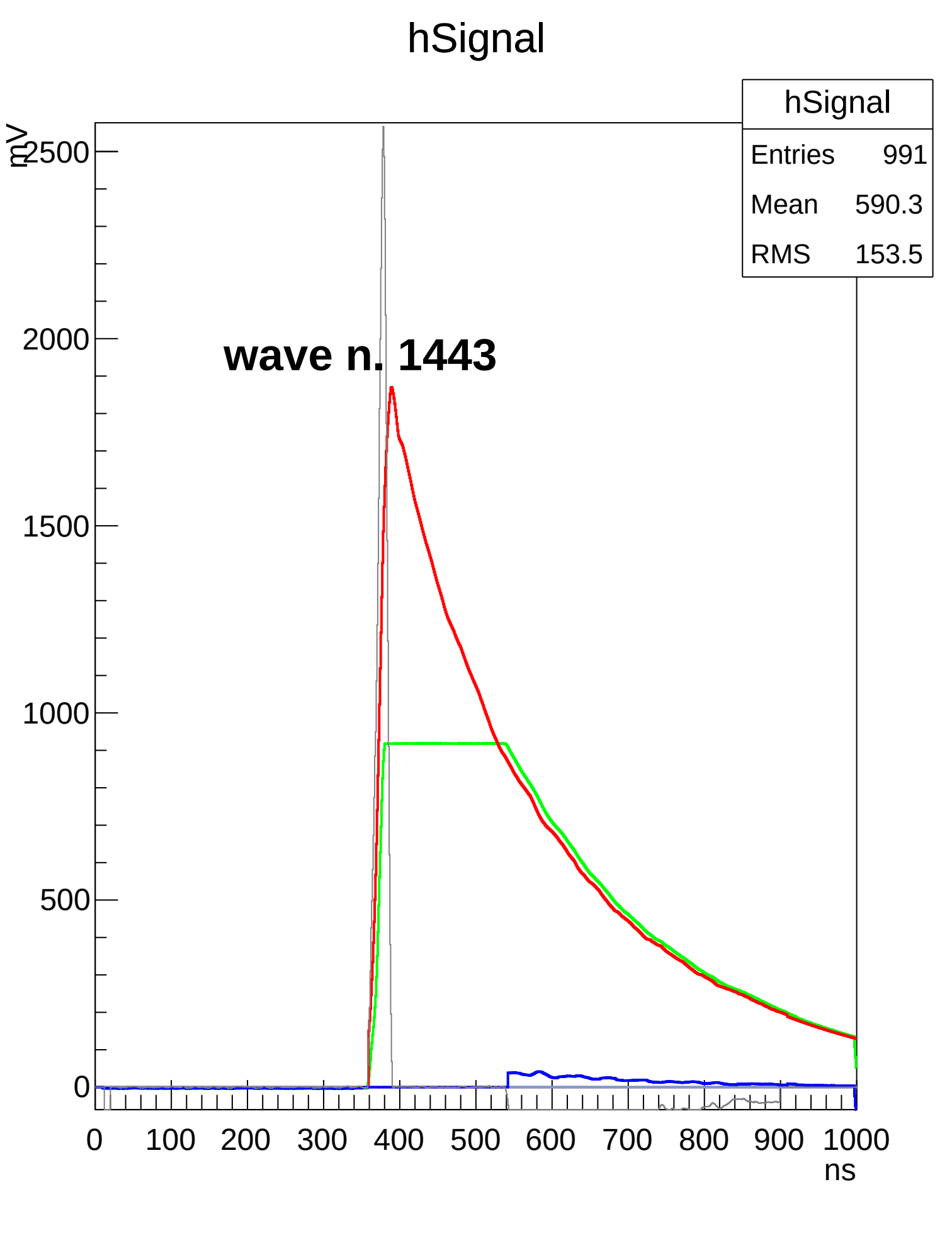
hSignal
hSignal
Entries 991
Mean 590.3
RMS 153.5
wave n. 1443
mV
2500
2000
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1000
500
0
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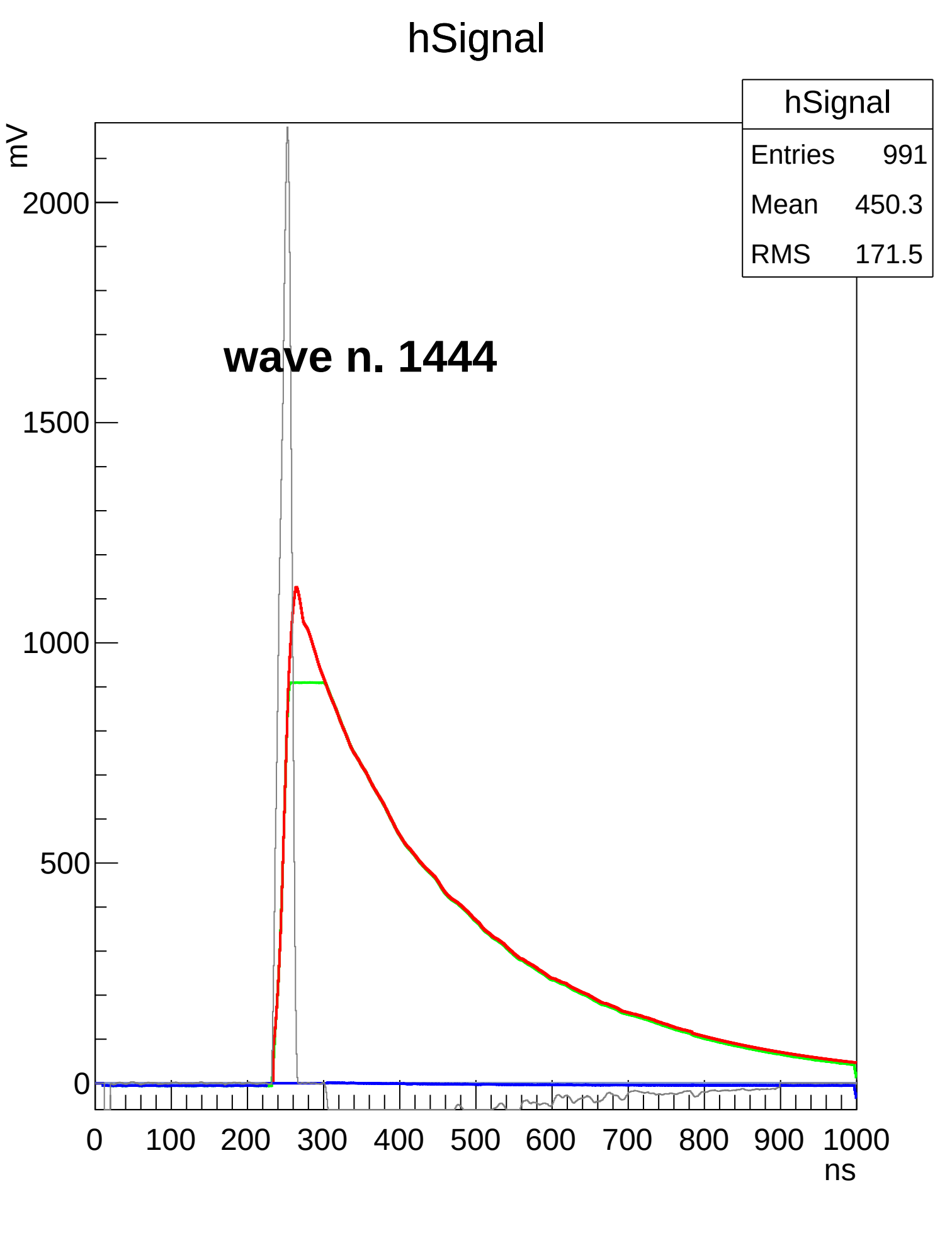
ns


hSignal
hSignal
Entries 991
Mean 450.3
RMS 171.5
wave n. 1444
mV
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1500
1000
500
0
0
100
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400
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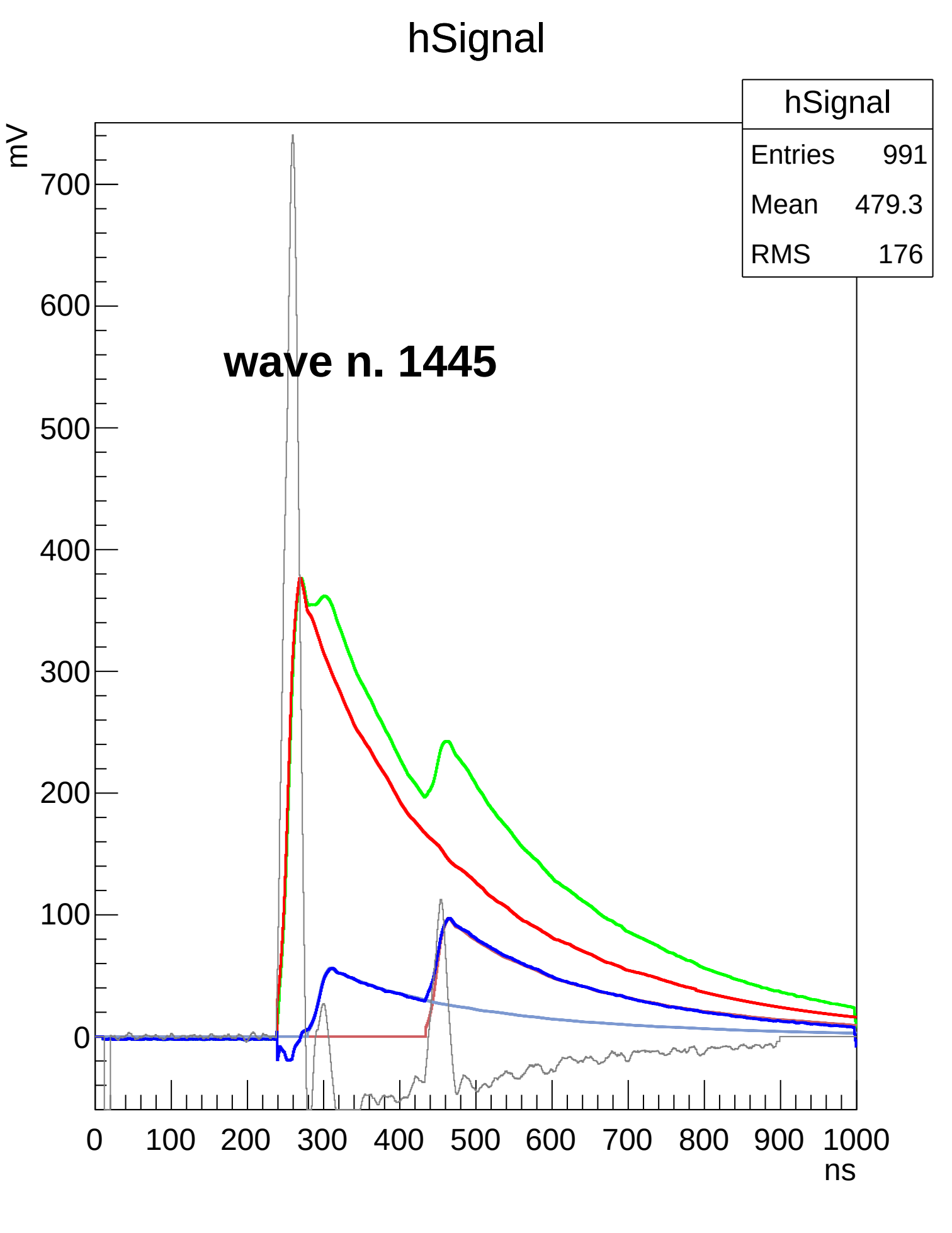
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 479.3
RMS 176
wave n. 1445
mV
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300
200
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400
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900
1000
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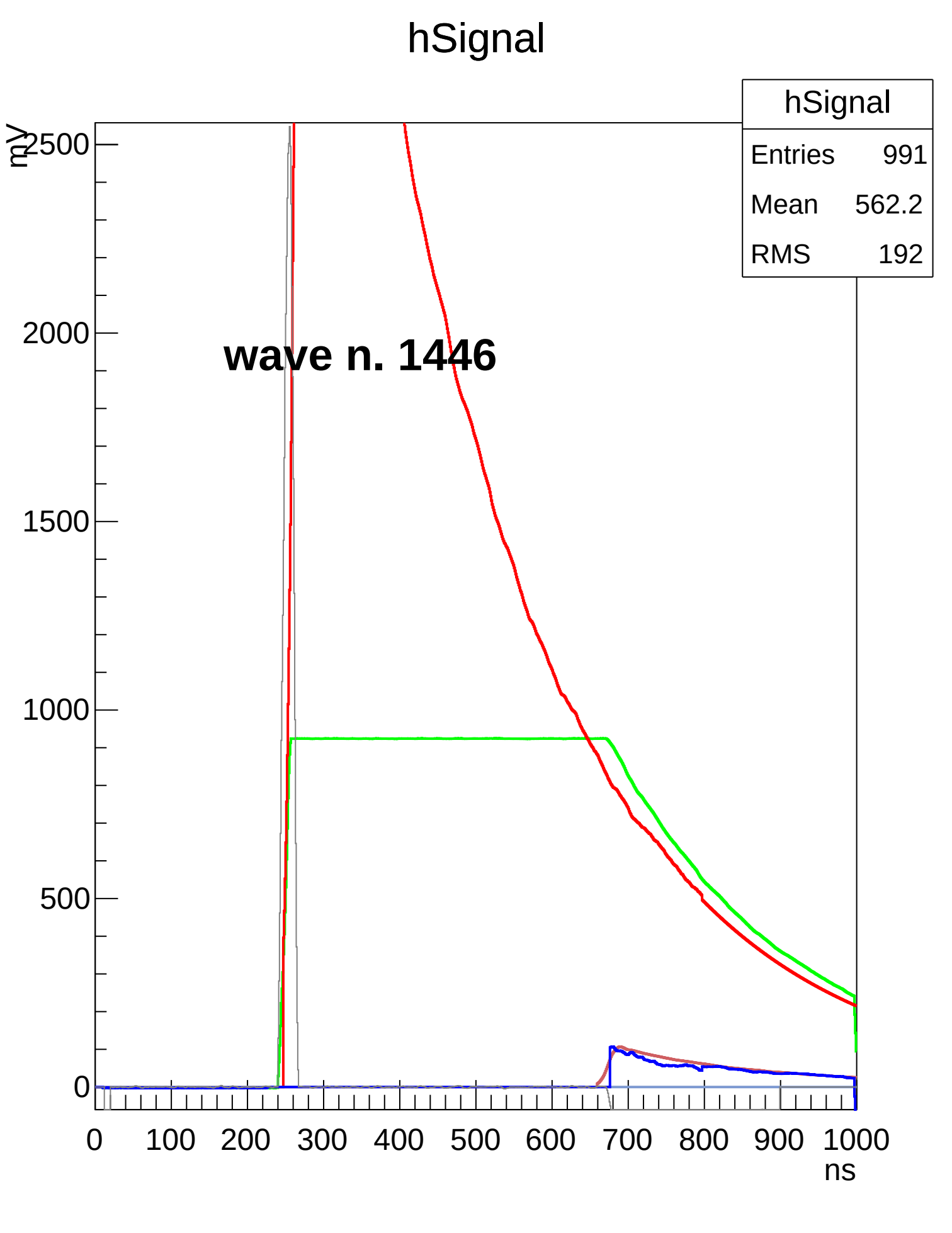
hSignal
hSignal
Entries 991
Mean 562.2
RMS 192
wave n. 1446
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1000
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0
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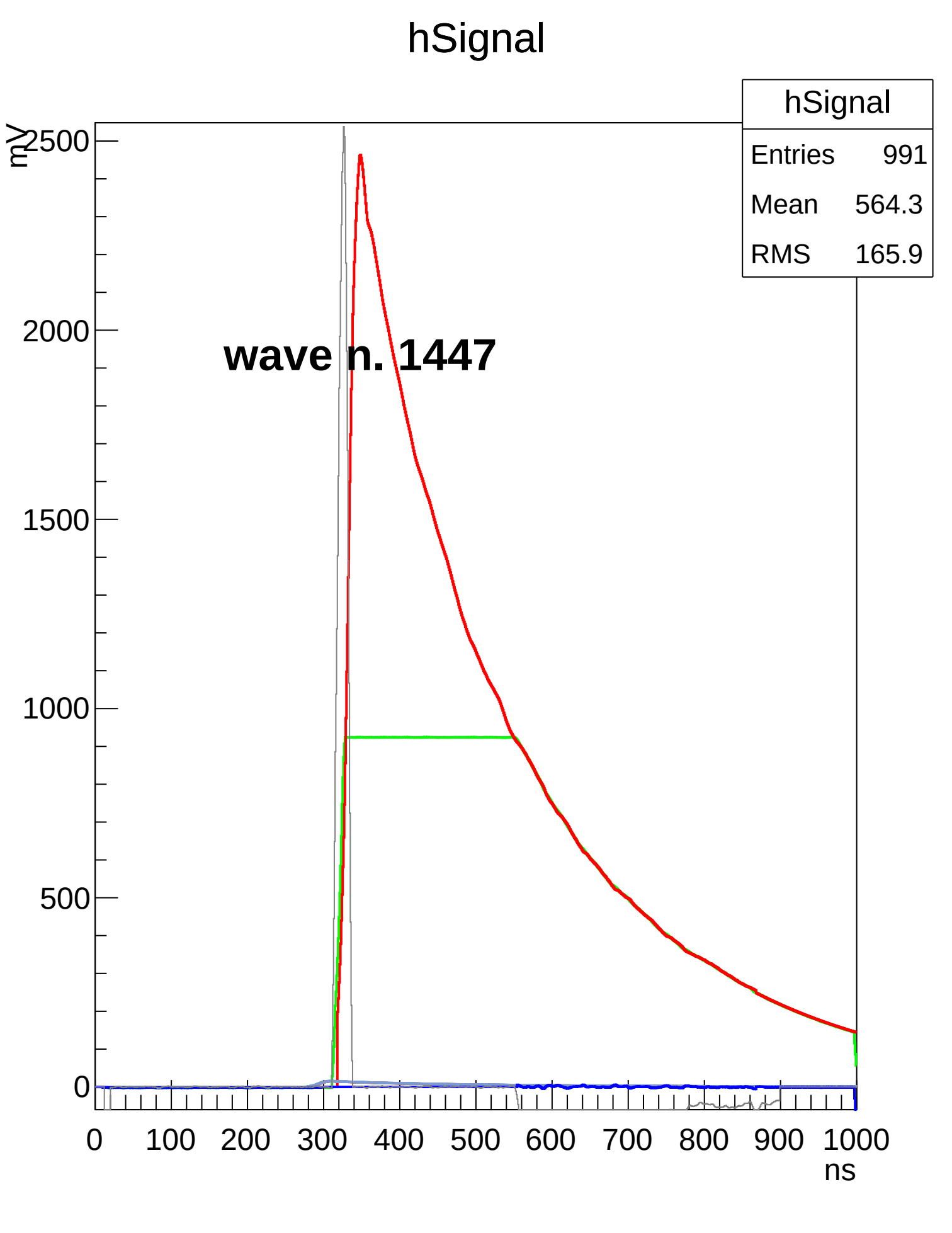
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 564.3
RMS 165.9
wave n. 1447
mV
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1500
1000
500
0
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200
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400
500
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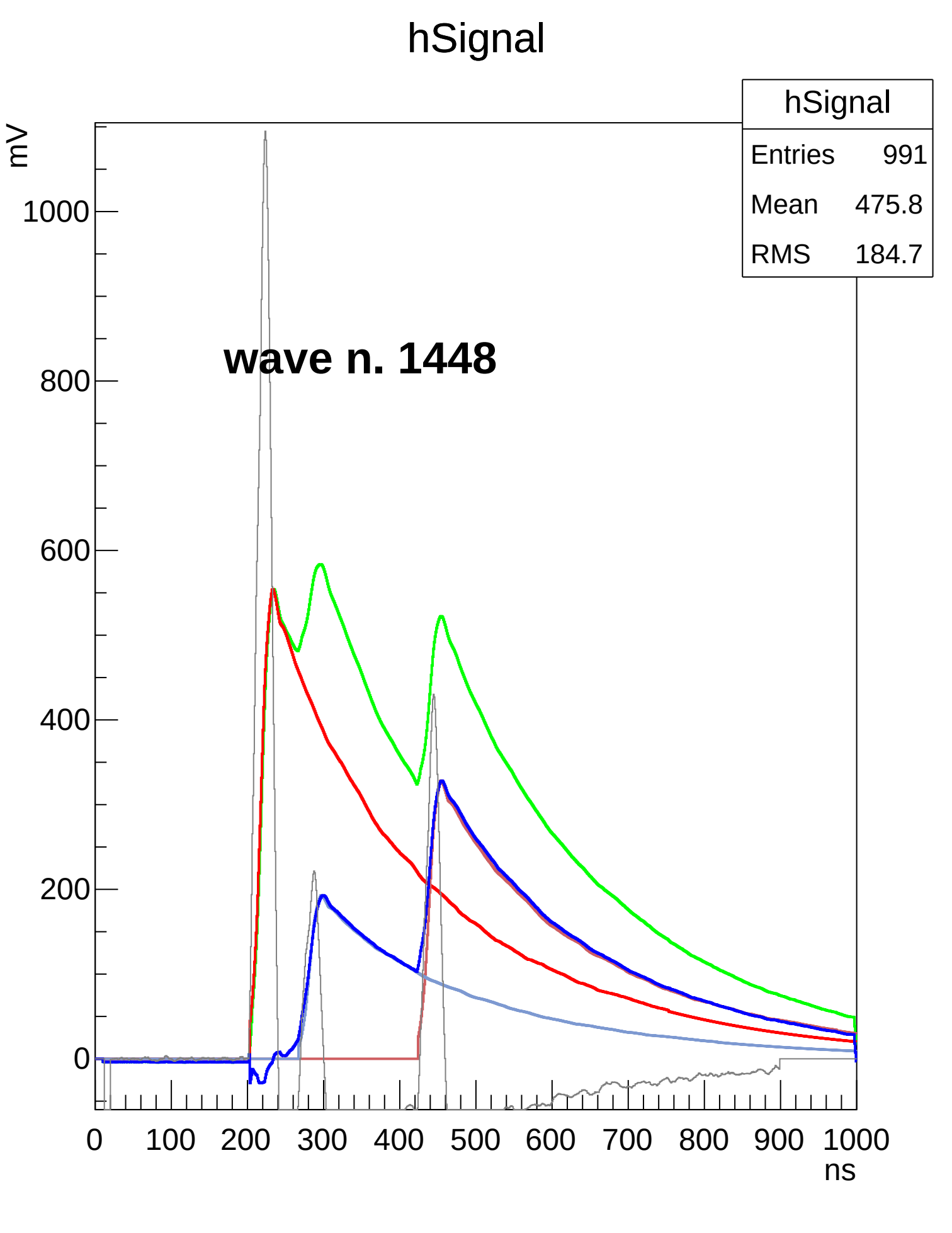
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 475.8
RMS 184.7
wave n. 1448
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400
500
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700
800
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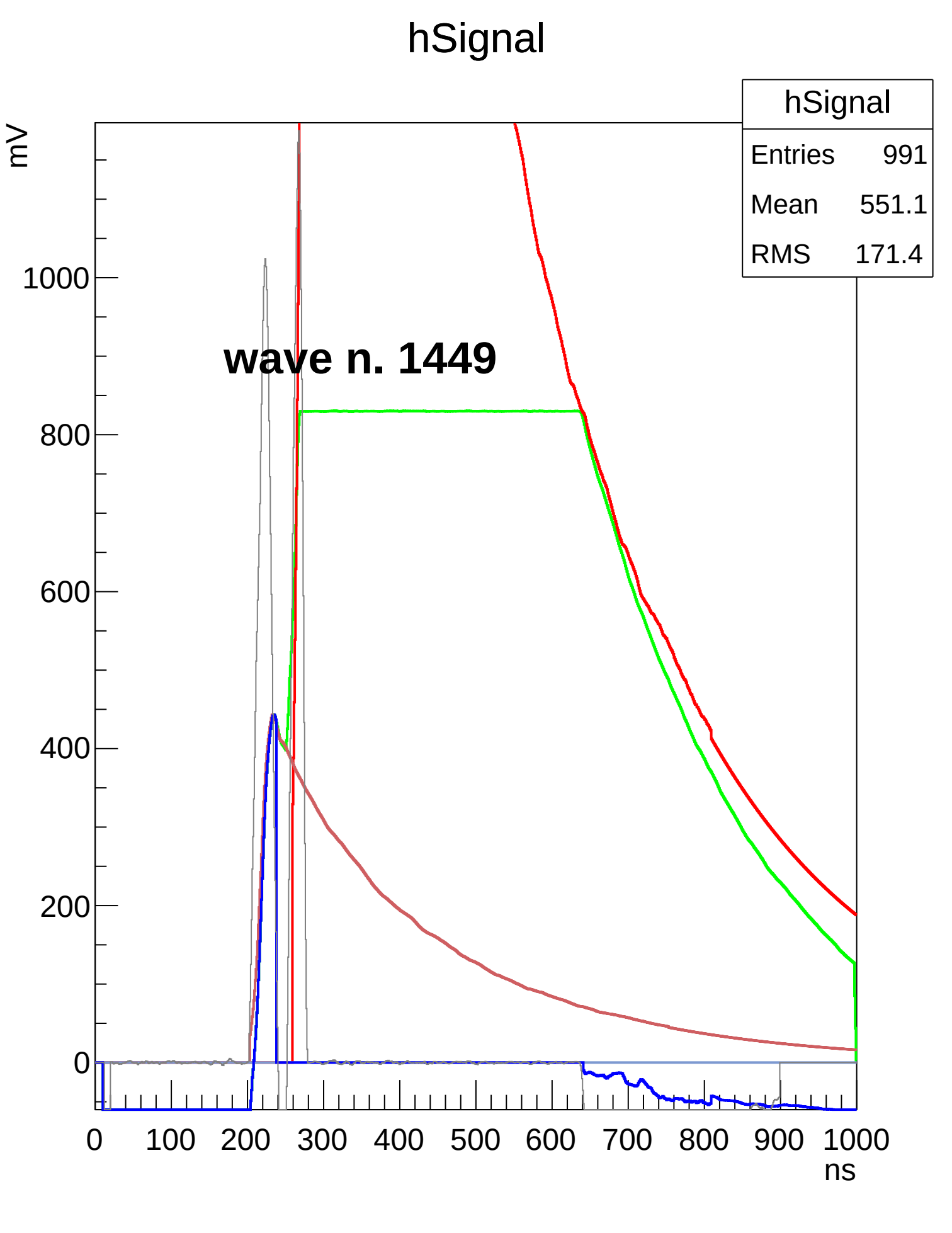
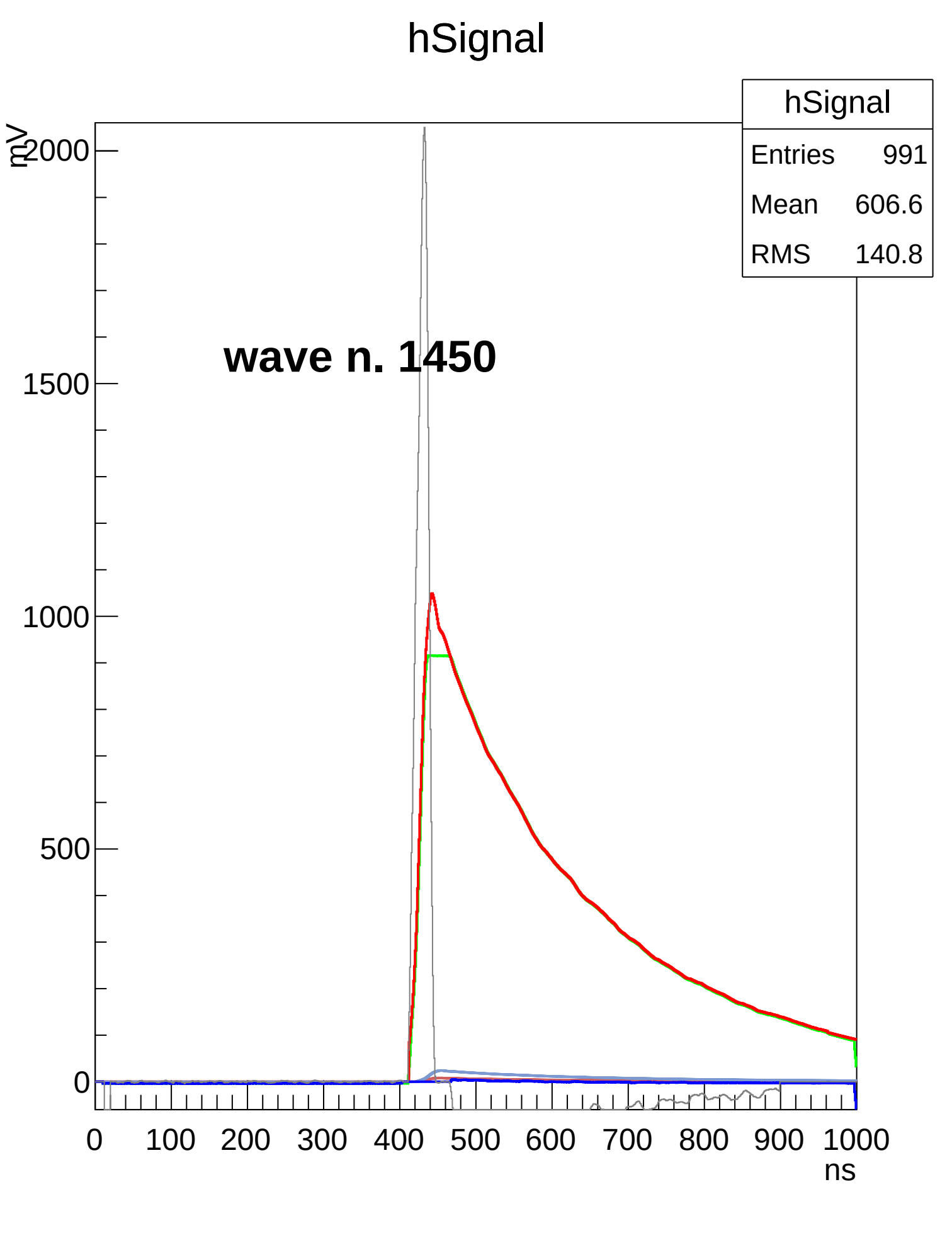
1000
ns


hSignal
hSignal
Entries 991
Mean 551.1
RMS 171.4
wave n. 1449
mV
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 606.6
RMS 140.8
wave n. 1450
mV
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1500
1000
500
0
0
100
200
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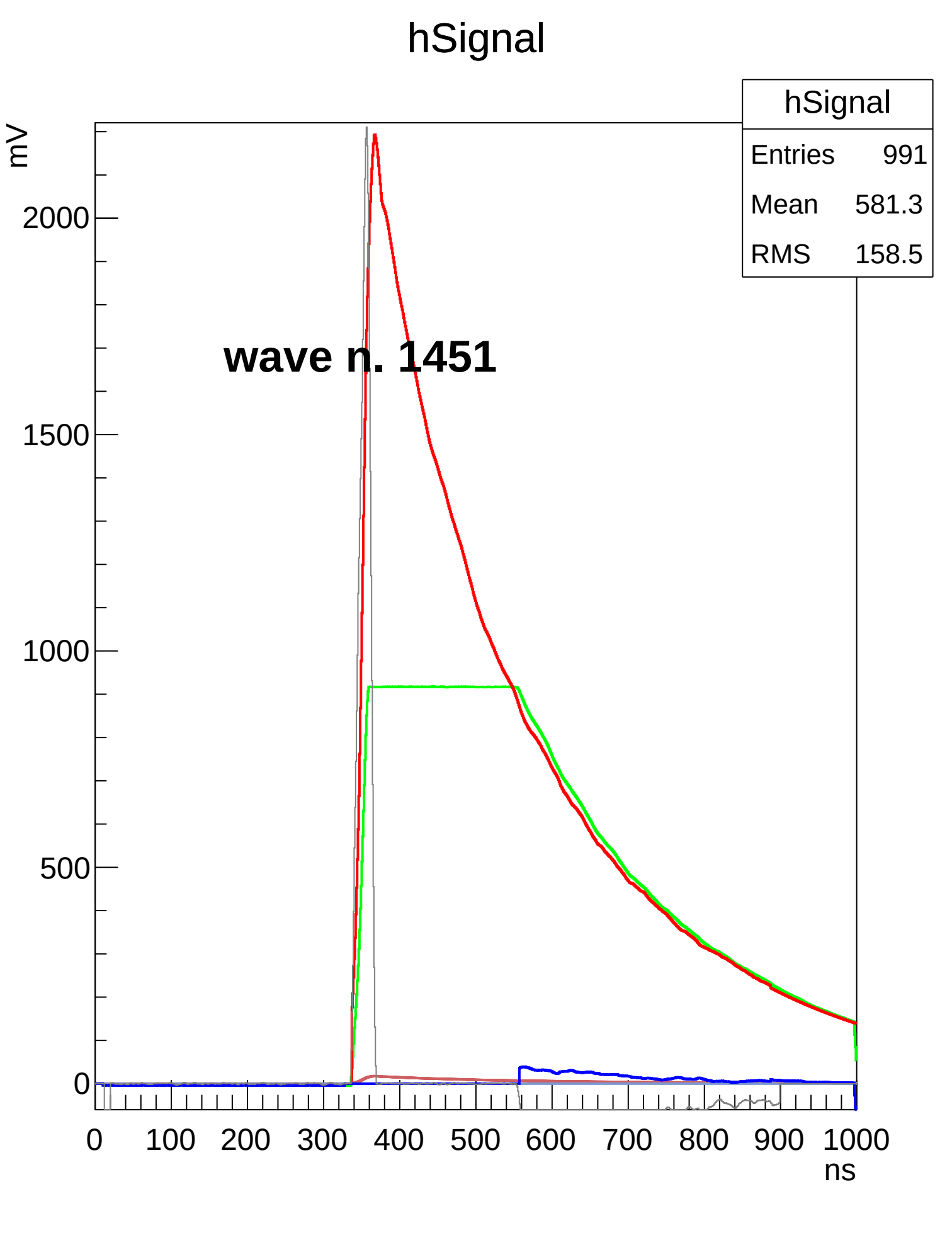
400
500
600
700
800
900
1000
ns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Entries 991
Mean 581.3
RMS 158.5
wave n. 1451
mV
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0
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400
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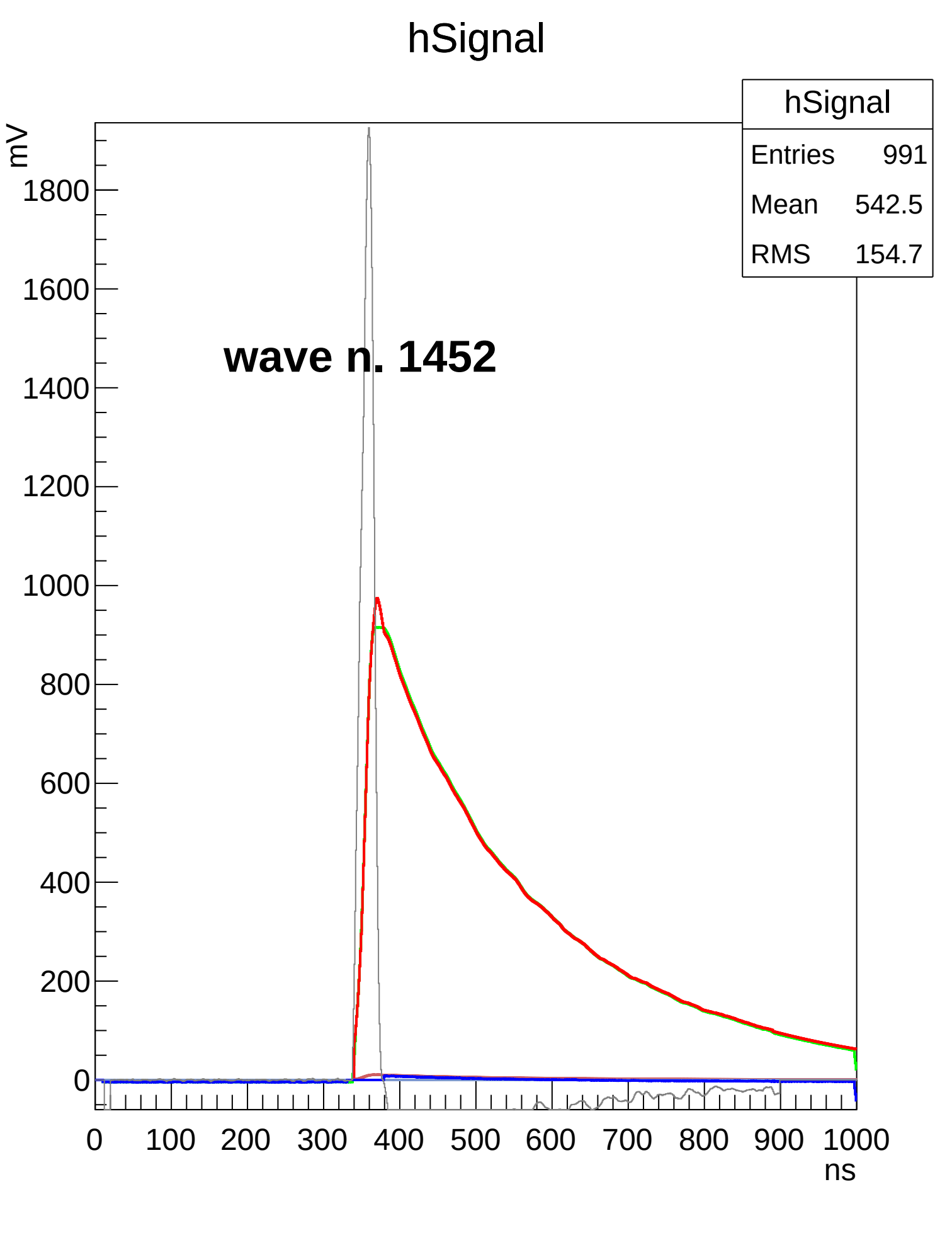
600
700
800
900
1000
ns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Entries 991
Mean 542.5
RMS 154.7
wave n. 1452
mV
1800
1600
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600
400
200
0
0
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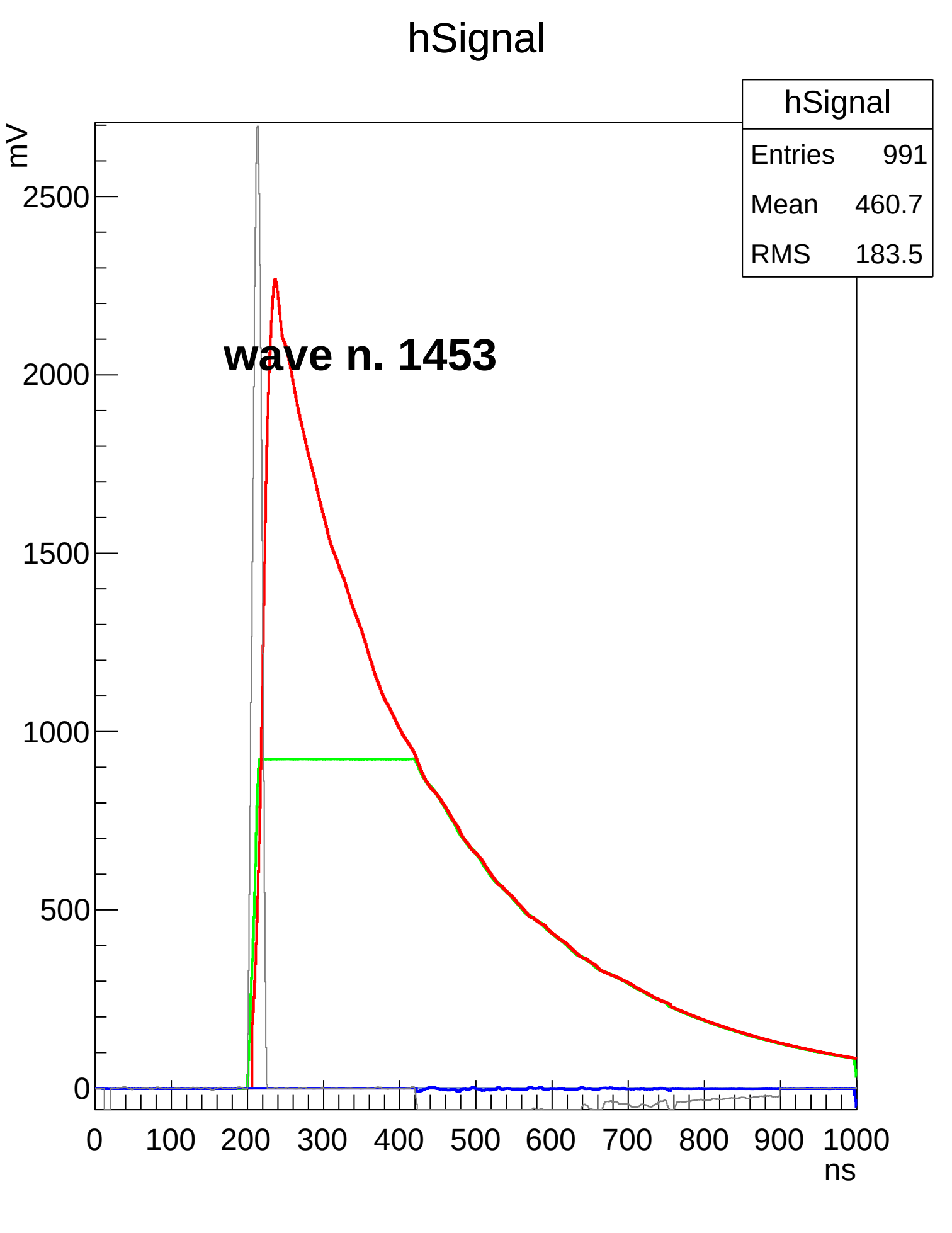
1000
ns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hSignal
Entries 991
Mean 460.7
RMS 183.5
wave n. 1453
mV
2500
2000
1500
1000
500
0
0
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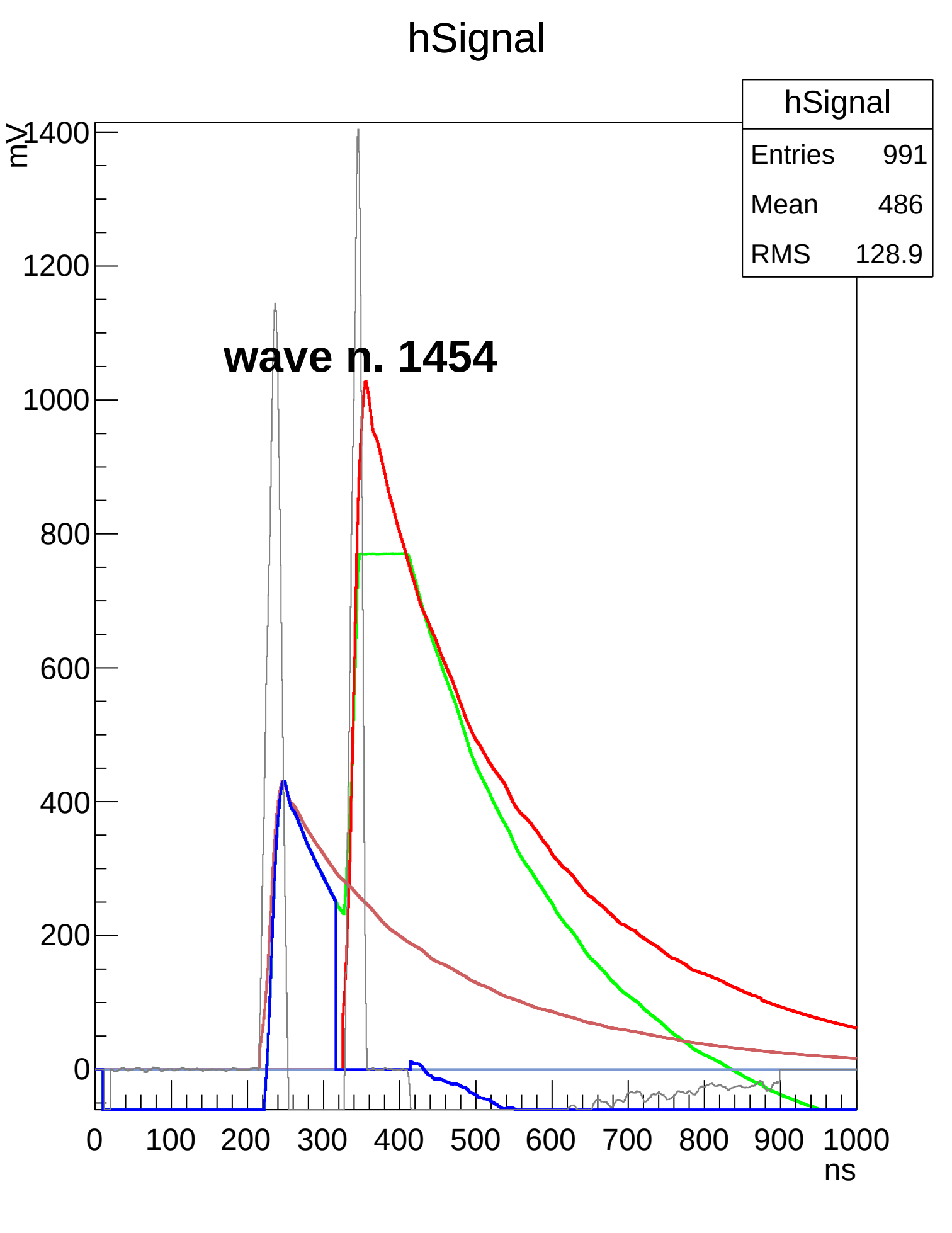
400
500
600
700
800
900
1000
ns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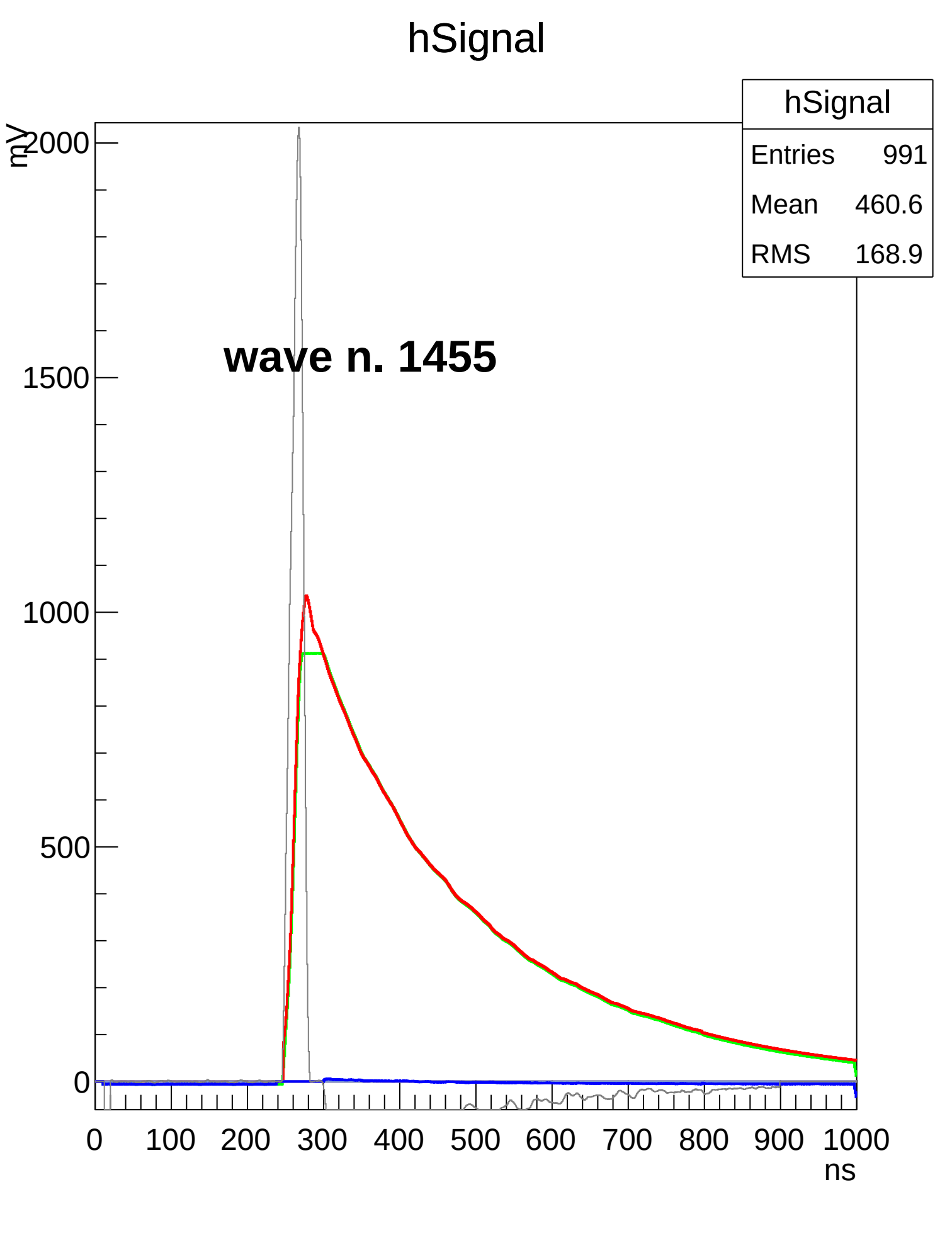
hSignal
Entries 991
Mean 486
RMS 128.9
wave n. 1454
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 460.6
RMS 168.9
wave n. 1455
mV
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1000
500
0
0
100
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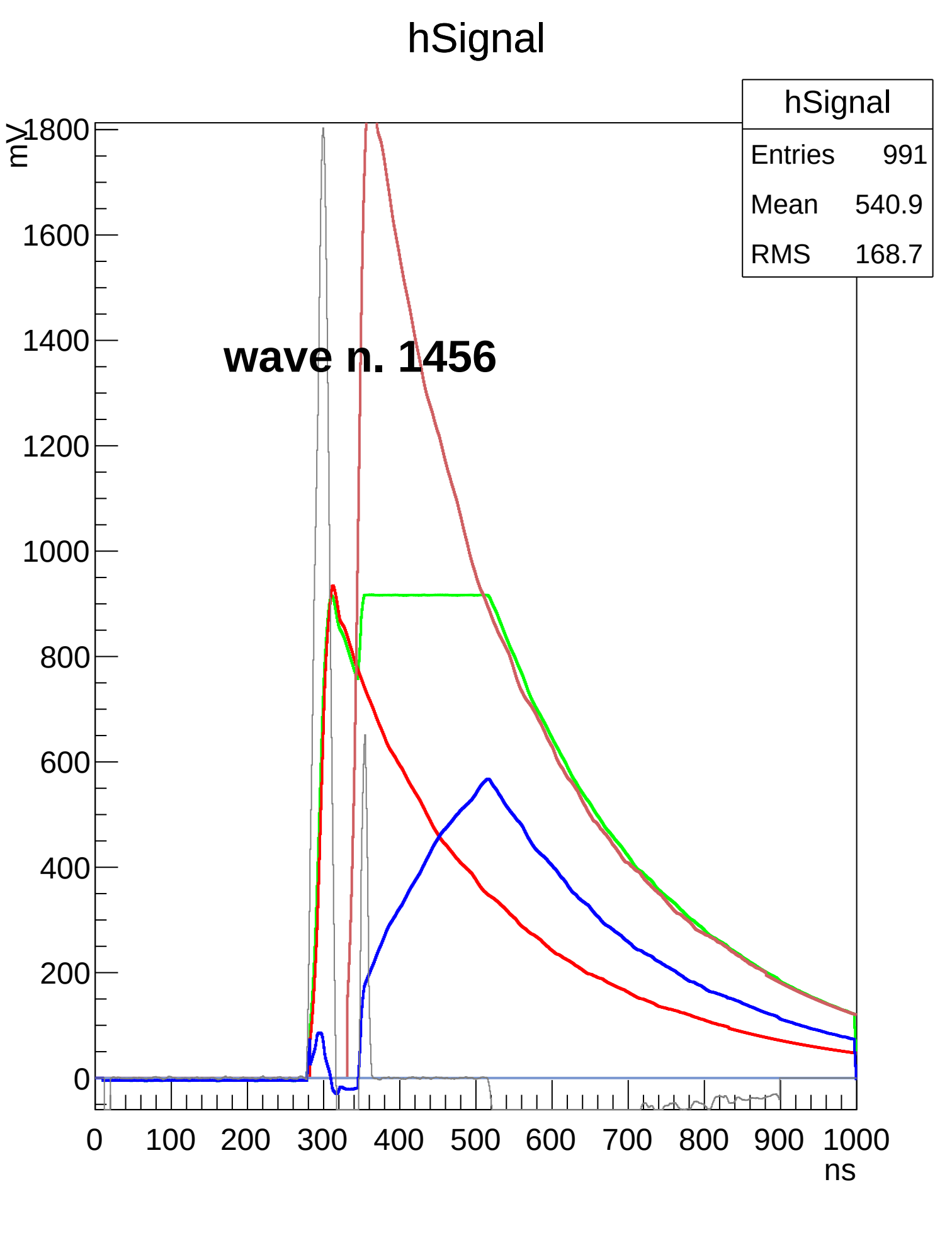
800
900
1000
ns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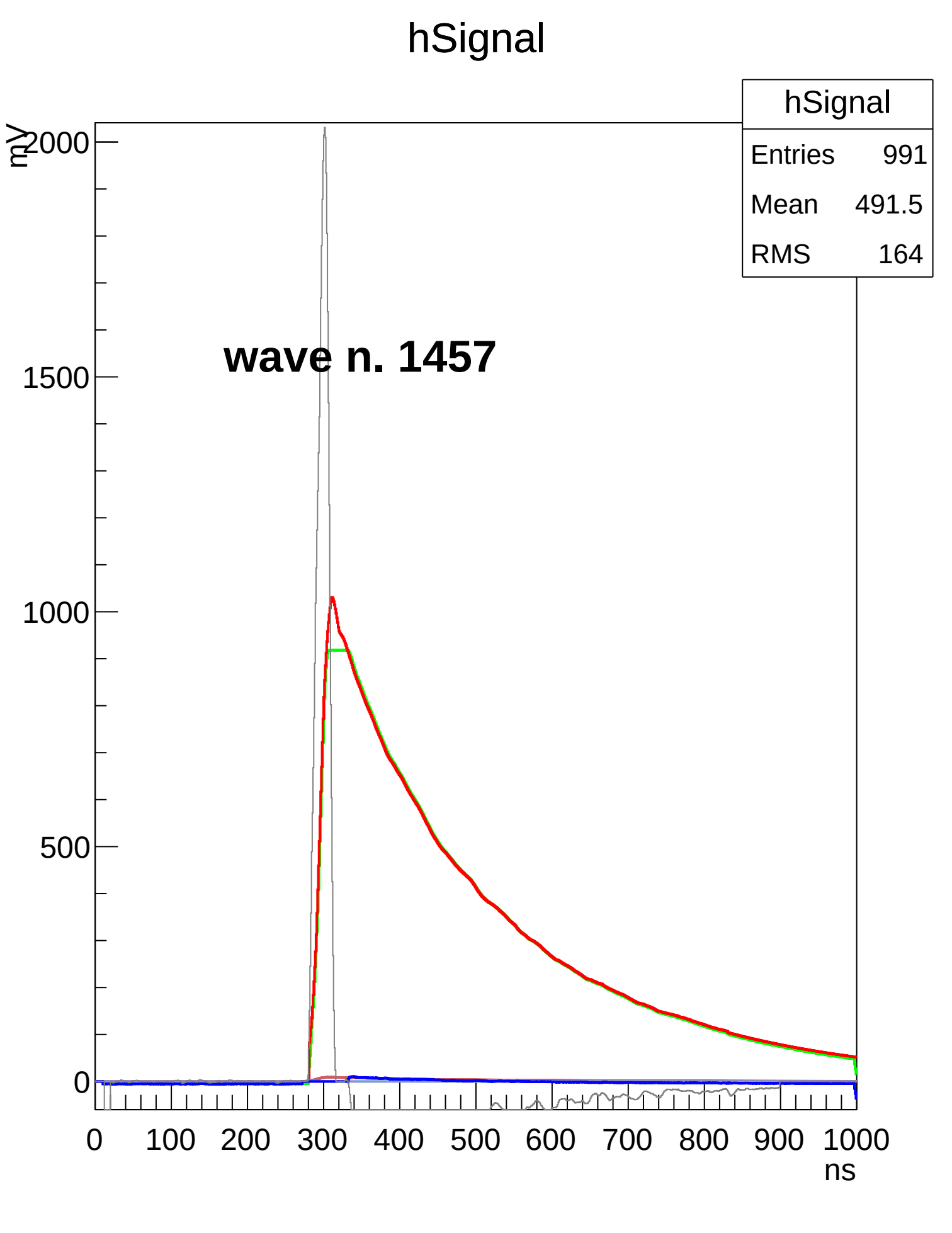
hSignal
Entries 991
Mean 540.9
RMS 168.7
wave n. 1456
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 491.5
RMS 164
wave n. 1457
mV
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1500
1000
500
0
0
100
200
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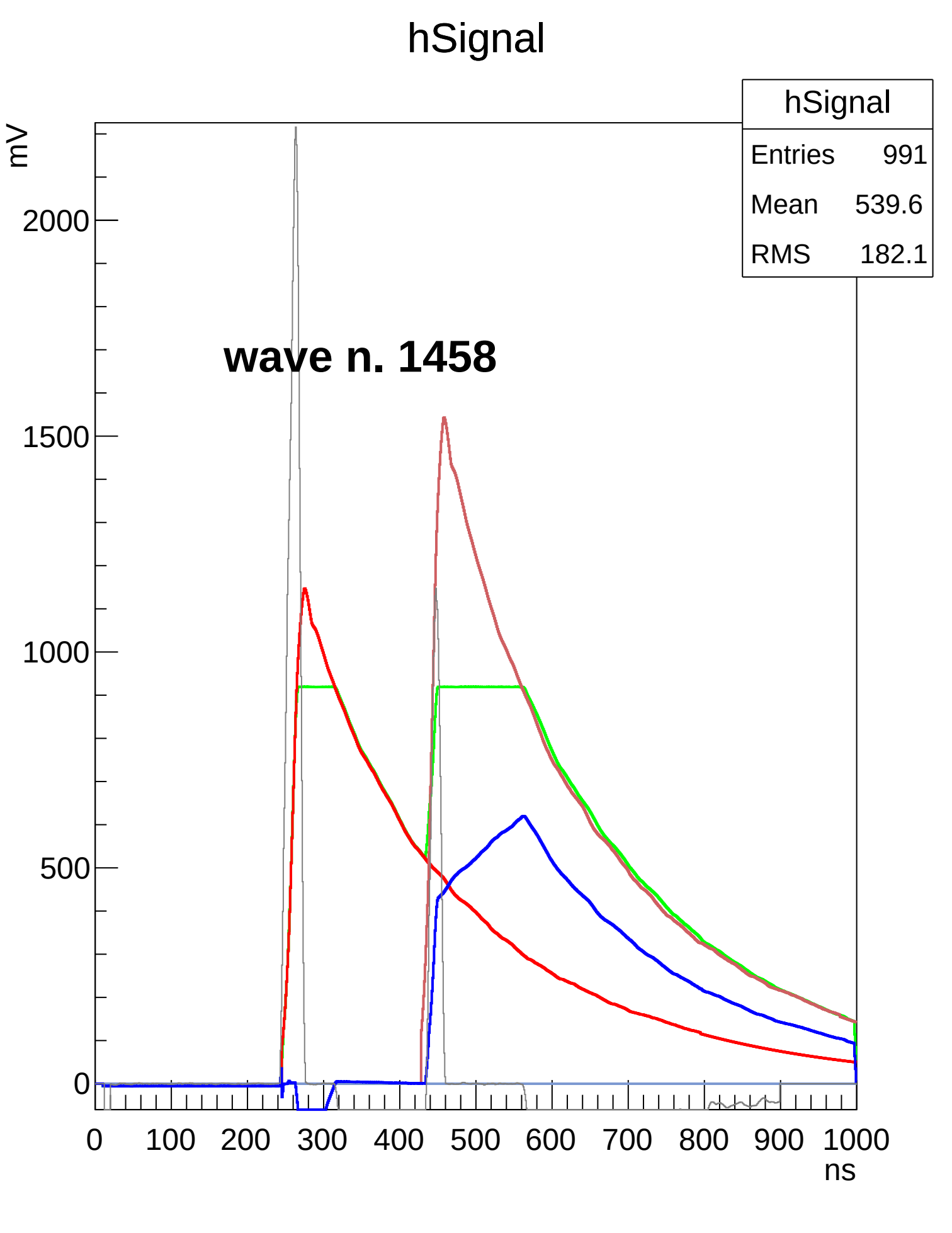
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.6
RMS 182.1
wave n. 1458
mV
2000
1500
1000
500
0
0
100
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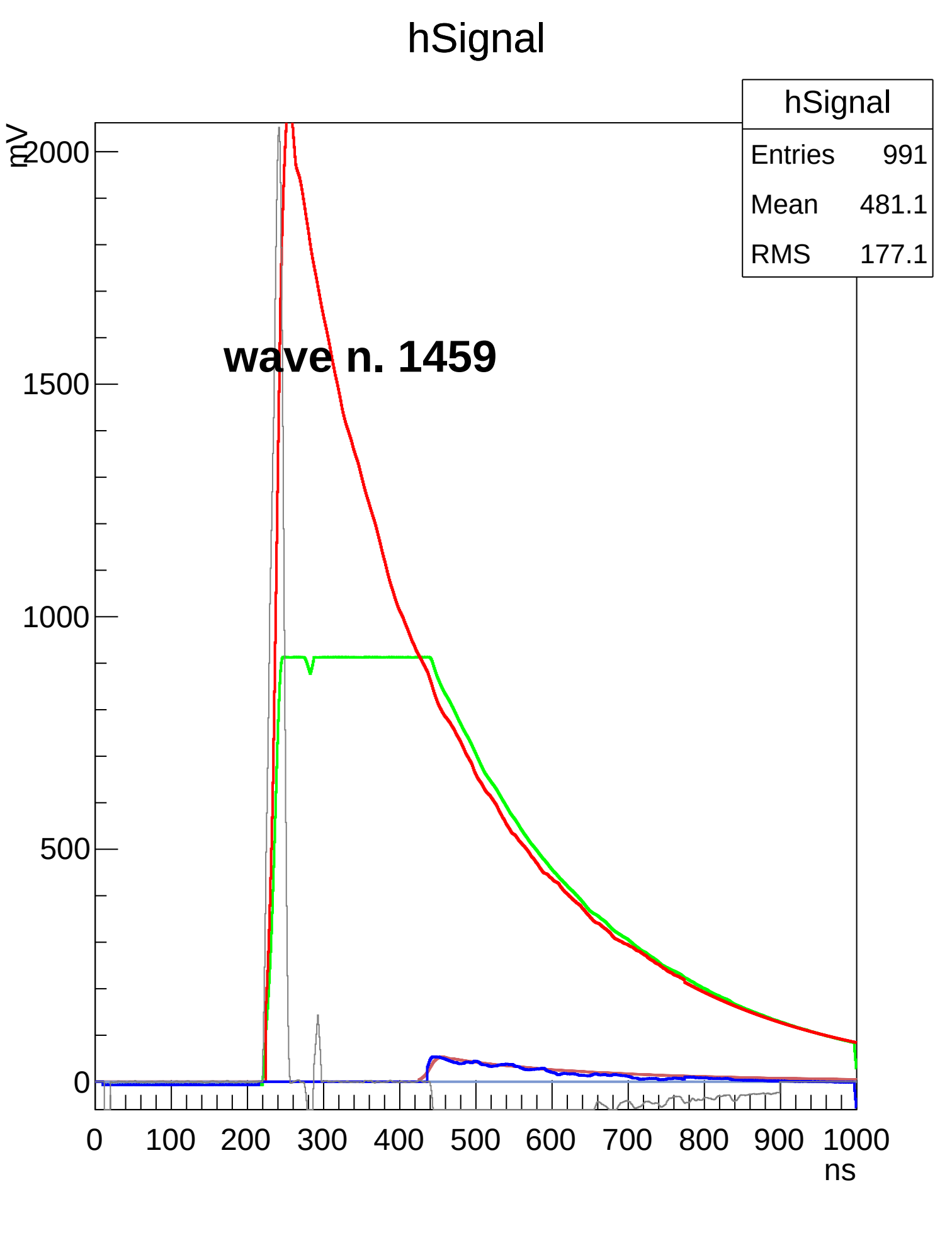
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481.1
RMS 177.1
wave n. 1459
mV
2000
1500
1000
500
0
0
100
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400
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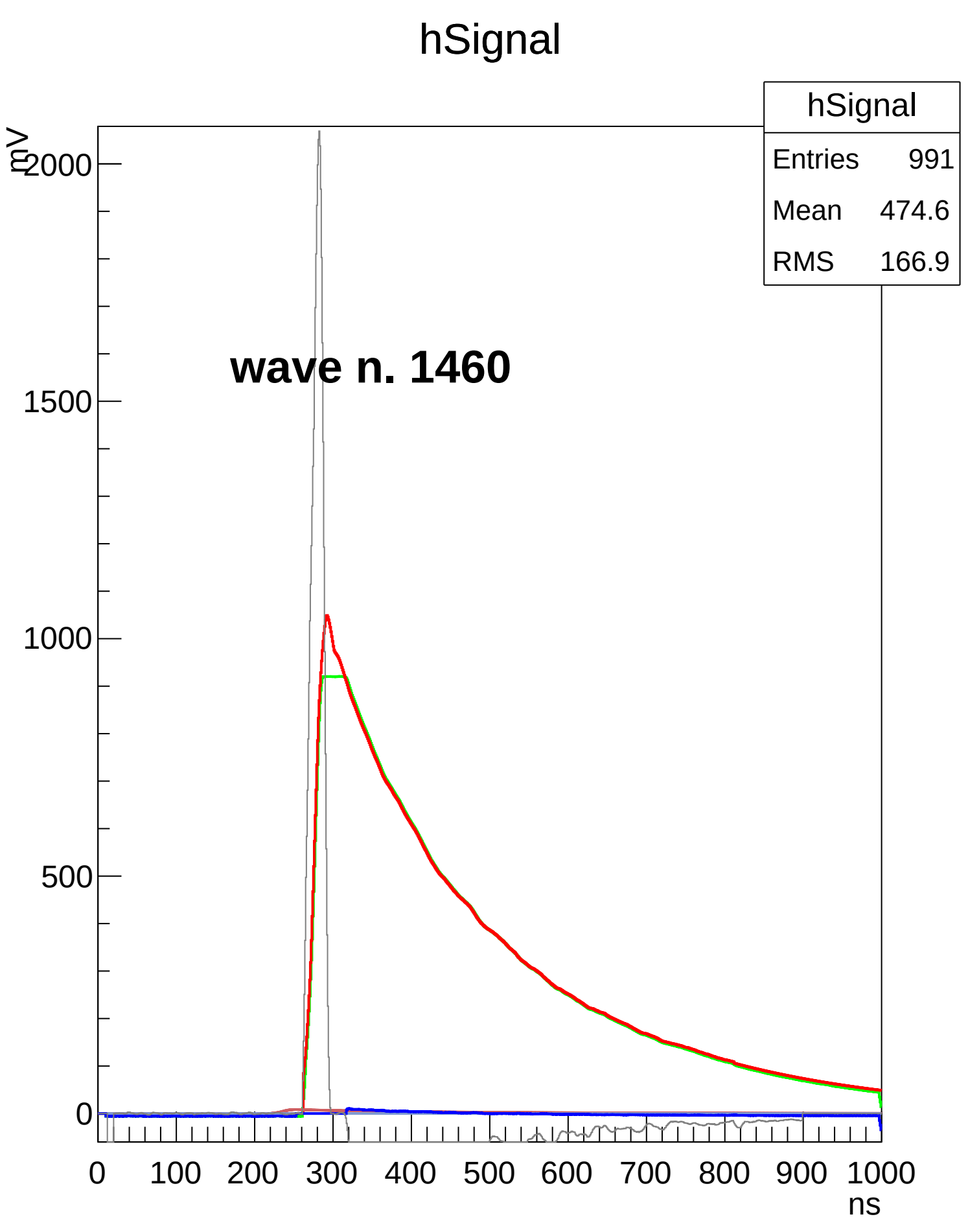
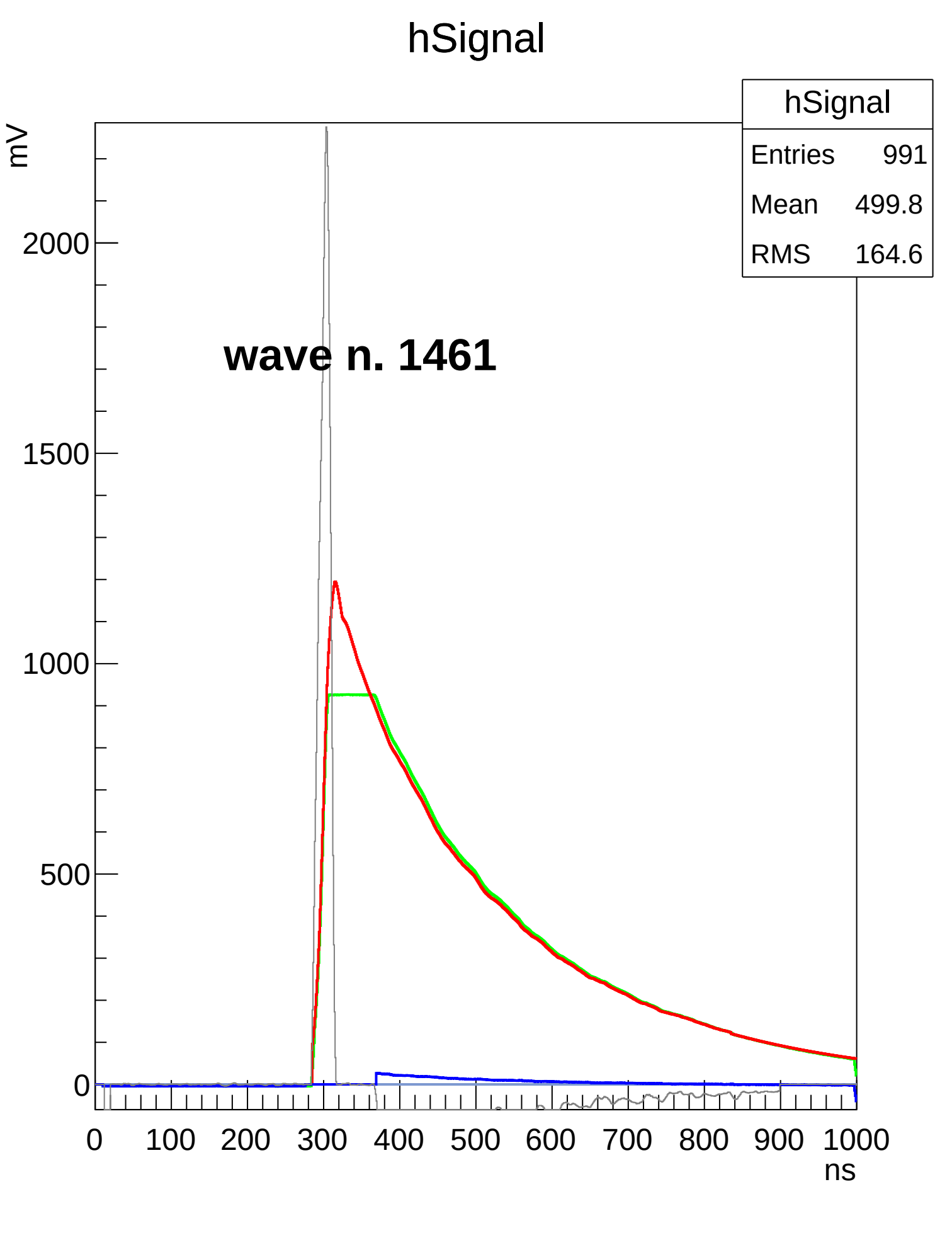
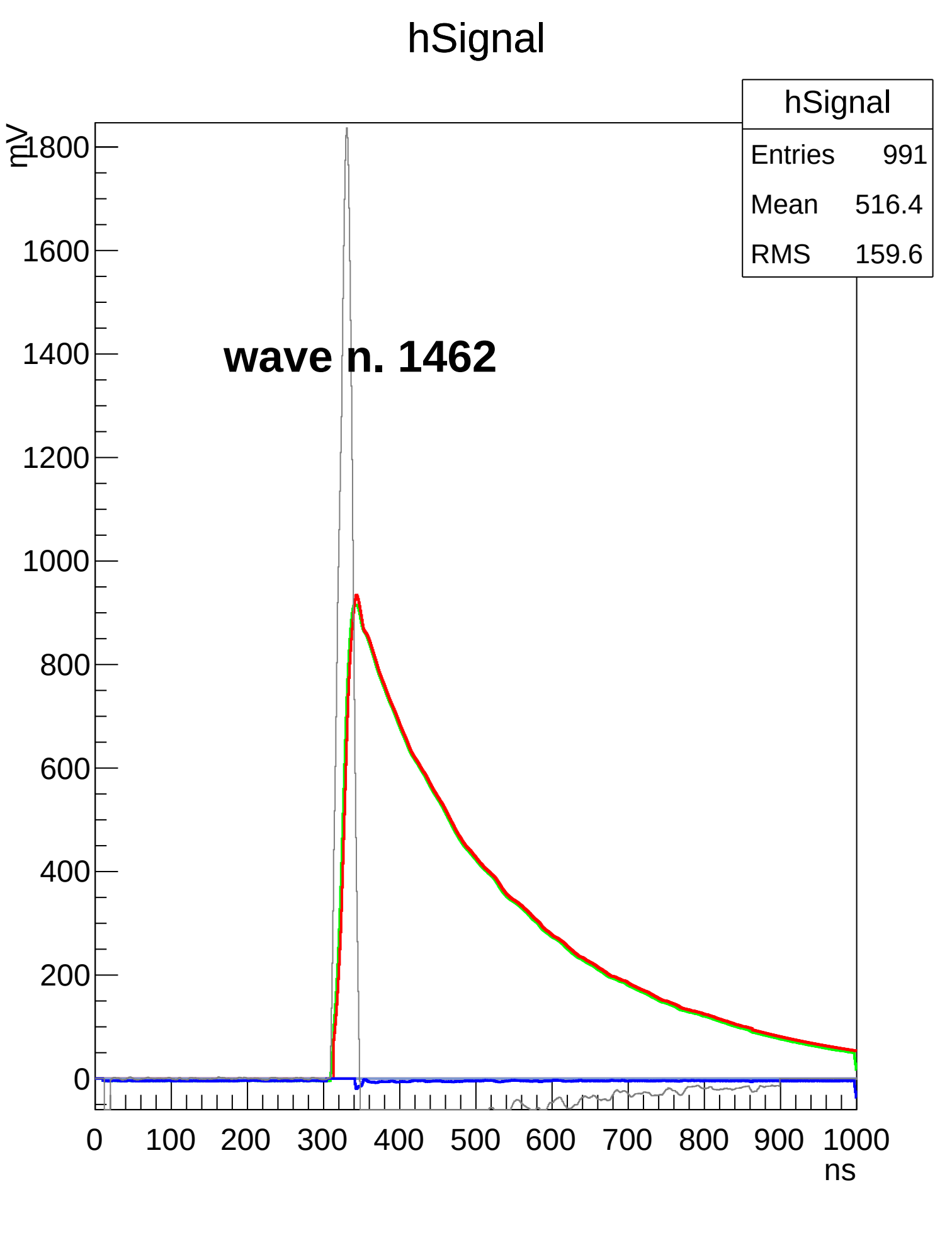
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 474.6
RMS 166.9
wave n. 1460
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 499.8
RMS 164.6
wave n. 1461
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 516.4
RMS 159.6
wave n. 1462
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
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800
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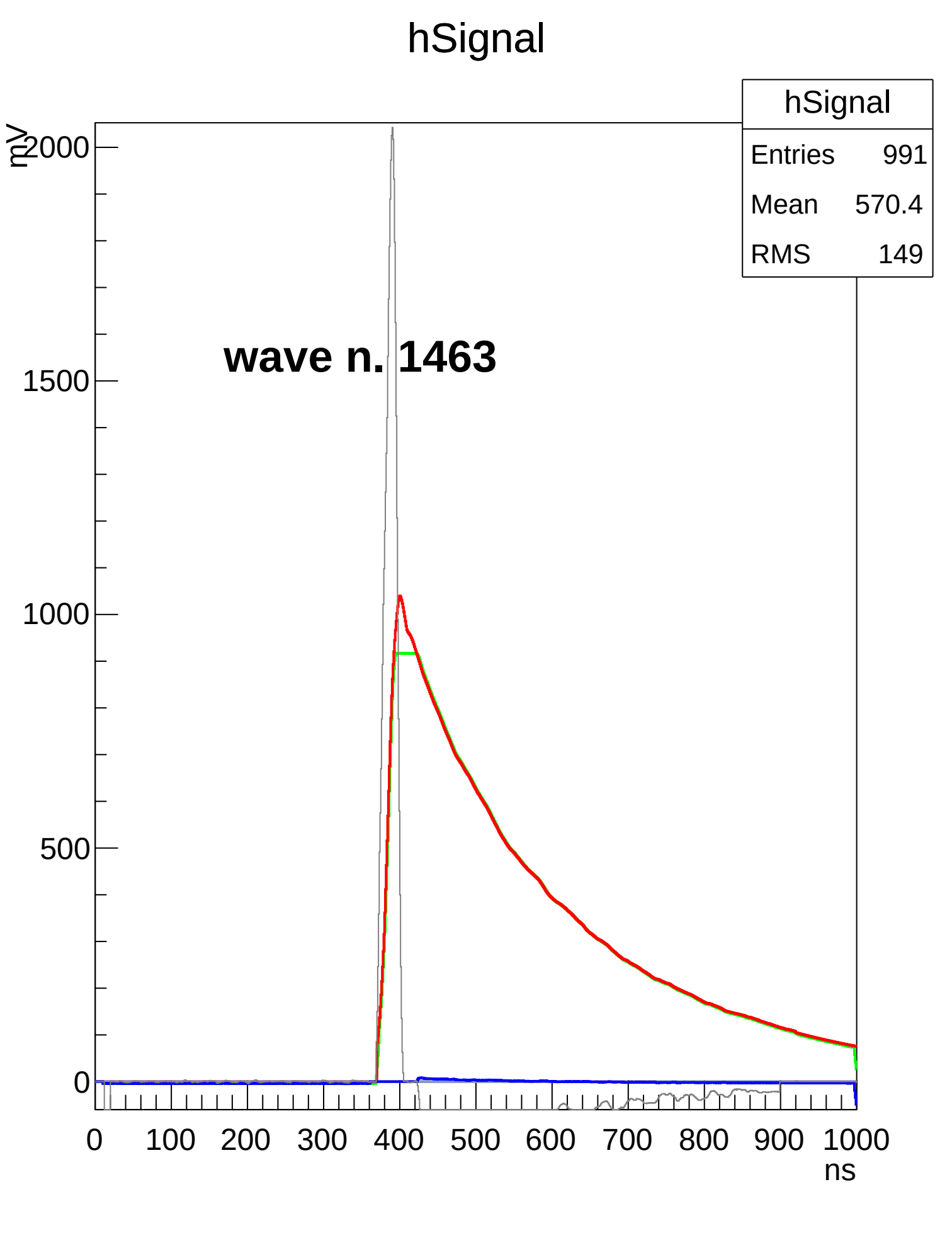
1000
ns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hSignal
Entries 991
Mean 570.4
RMS 149
wave n. 1463
mV
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1500
1000
500
0
0
100
200
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400
500
600
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800
900
1000
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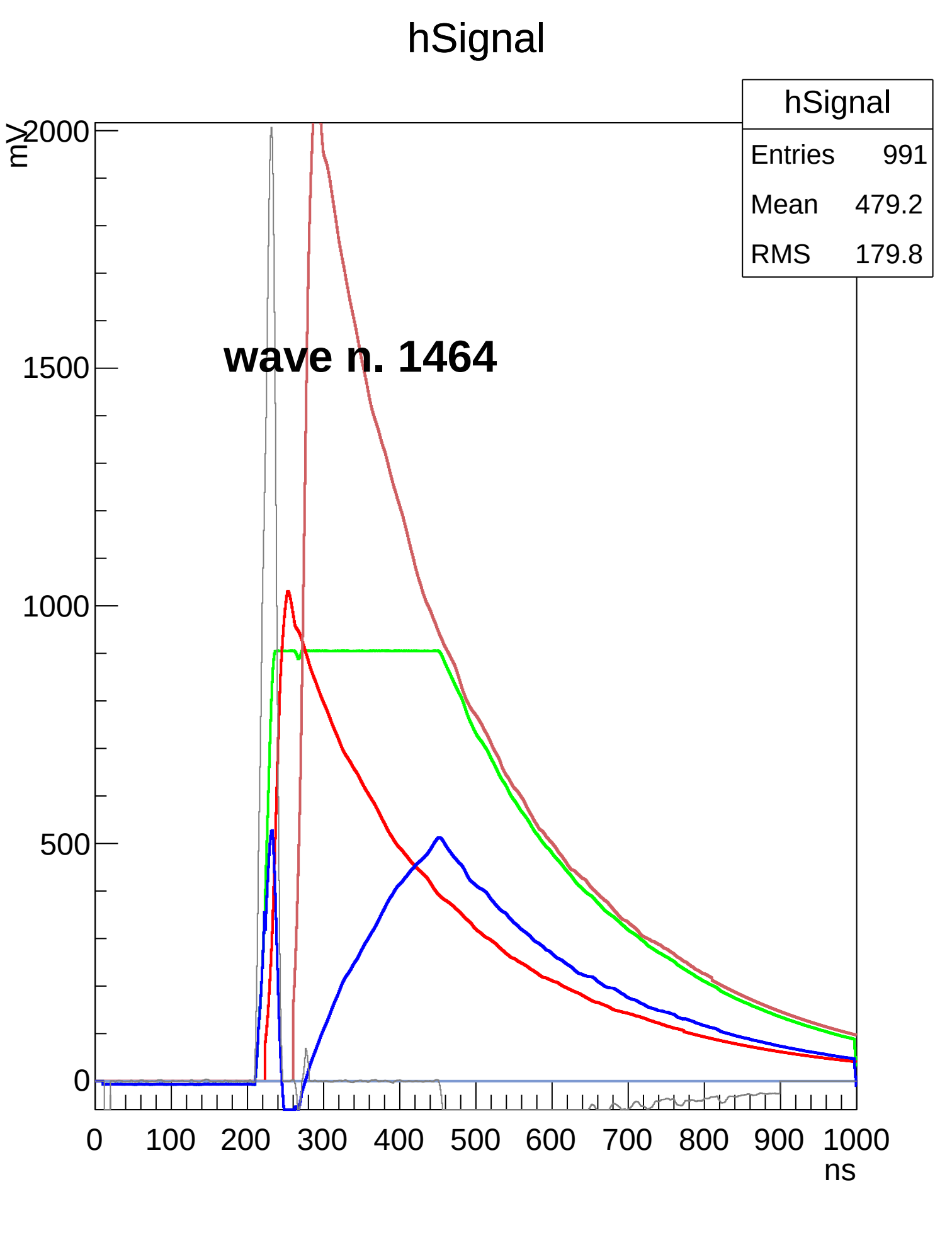
hSignal
hSignal
Entries 991
Mean 479.2
RMS 179.8
wave n. 1464
mV
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1500
1000
500
0
0
100
200
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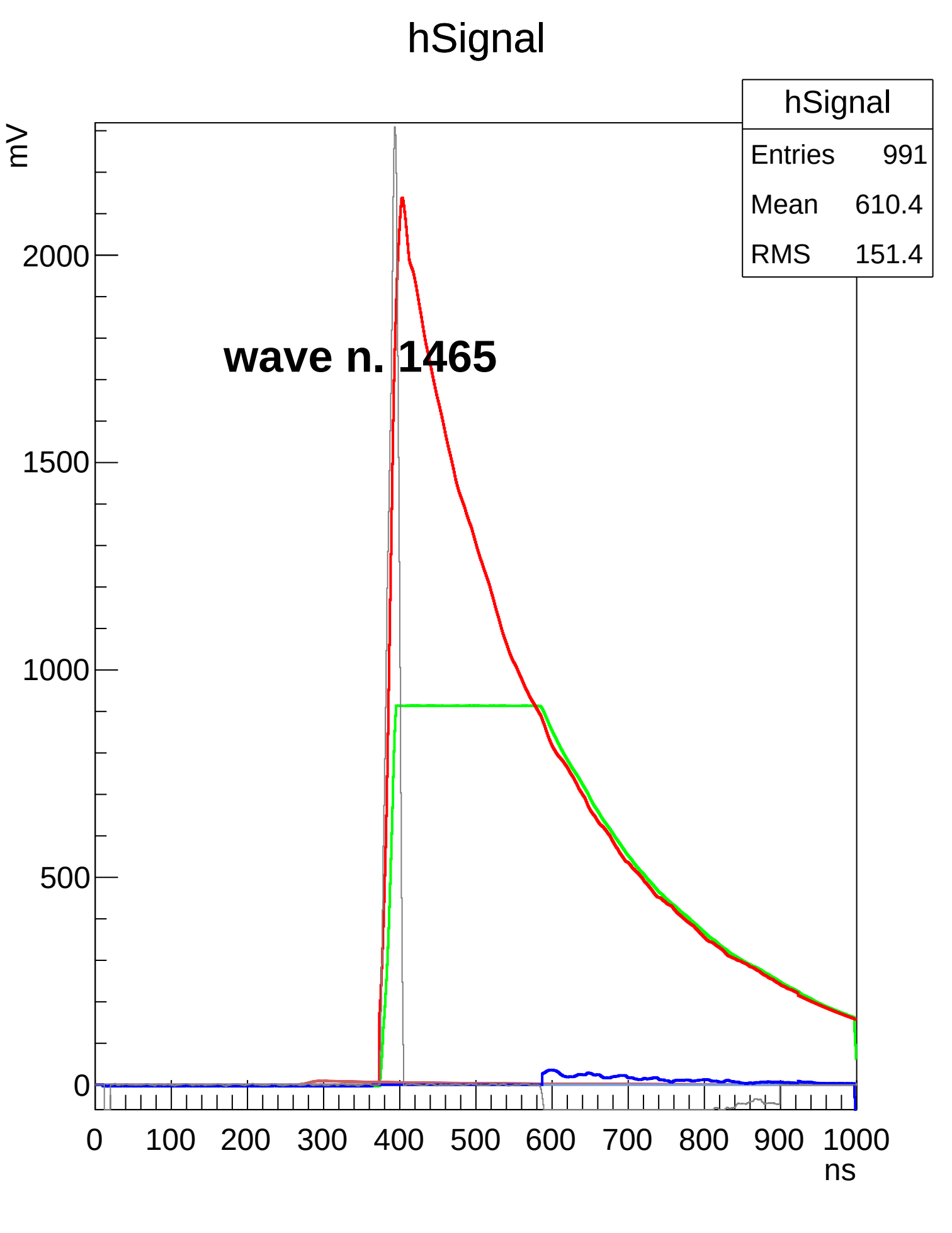
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 610.4
RMS 151.4
wave n. 1465
mV
2000
1500
1000
500
0
0
100
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400
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600
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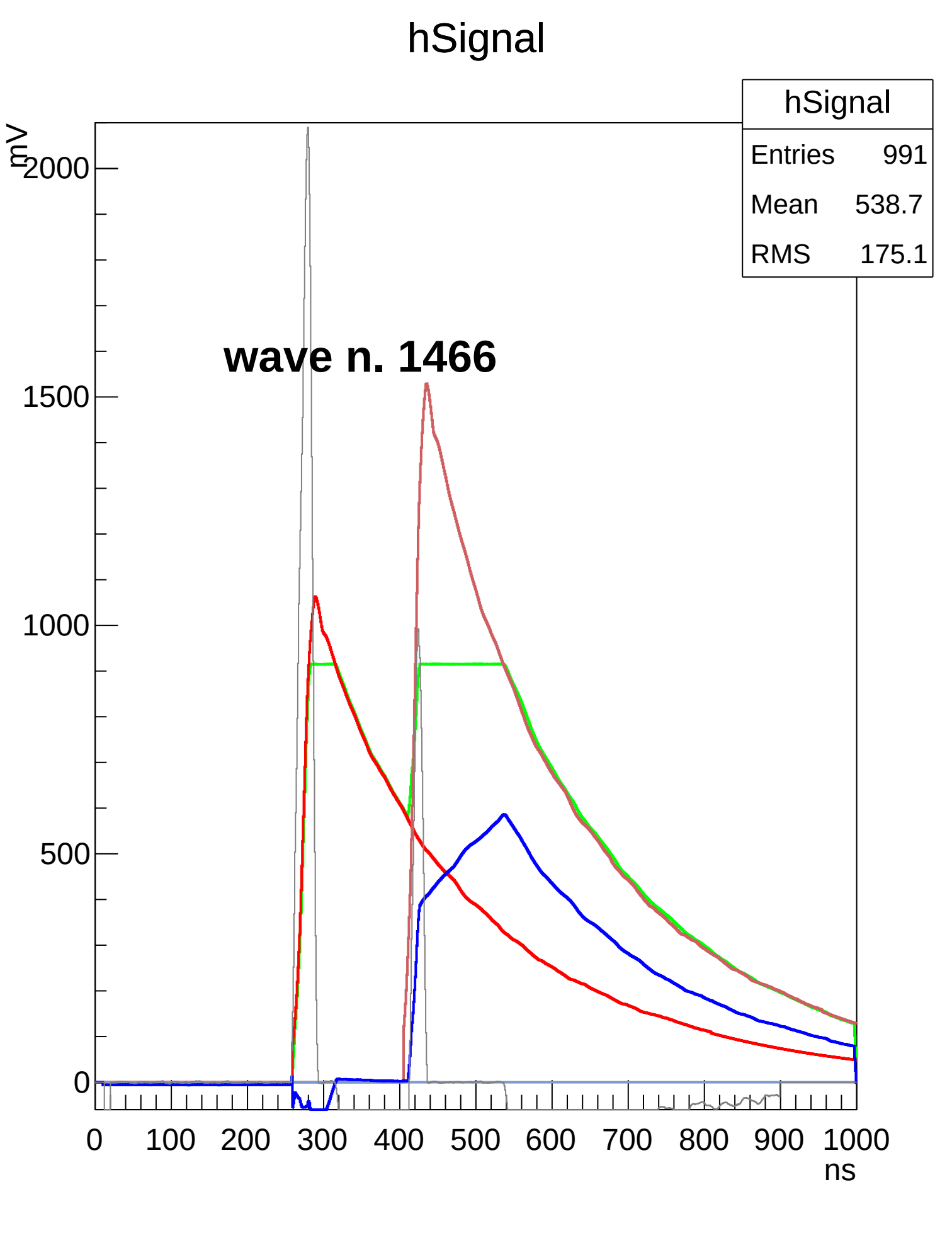
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 538.7
RMS 175.1
wave n. 1466
mV
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1500
1000
500
0
0
100
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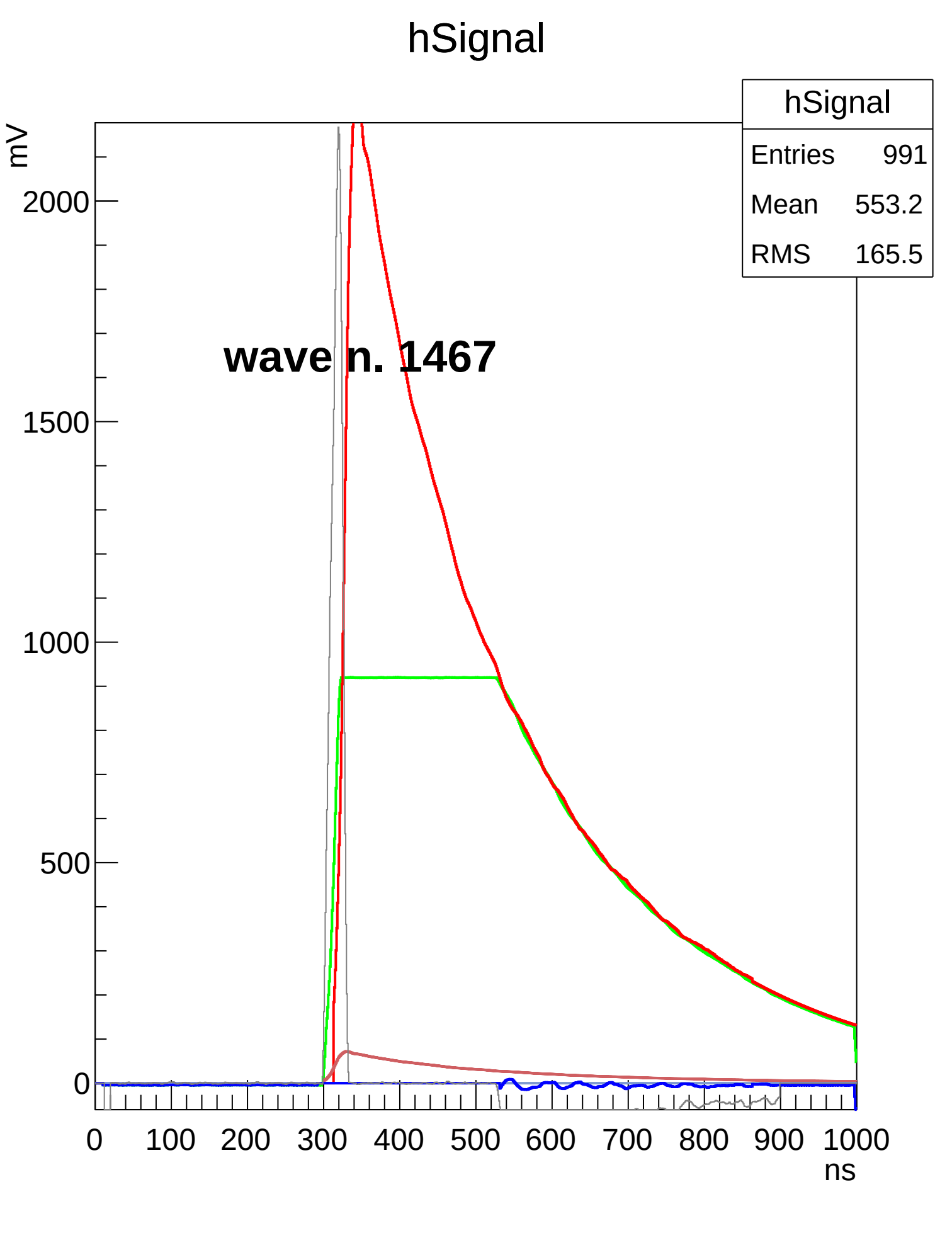
800
900
1000
ns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hSignal
Entries 991
Mean 553.2
RMS 165.5
wave n. 1467
mV
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1000
500
0
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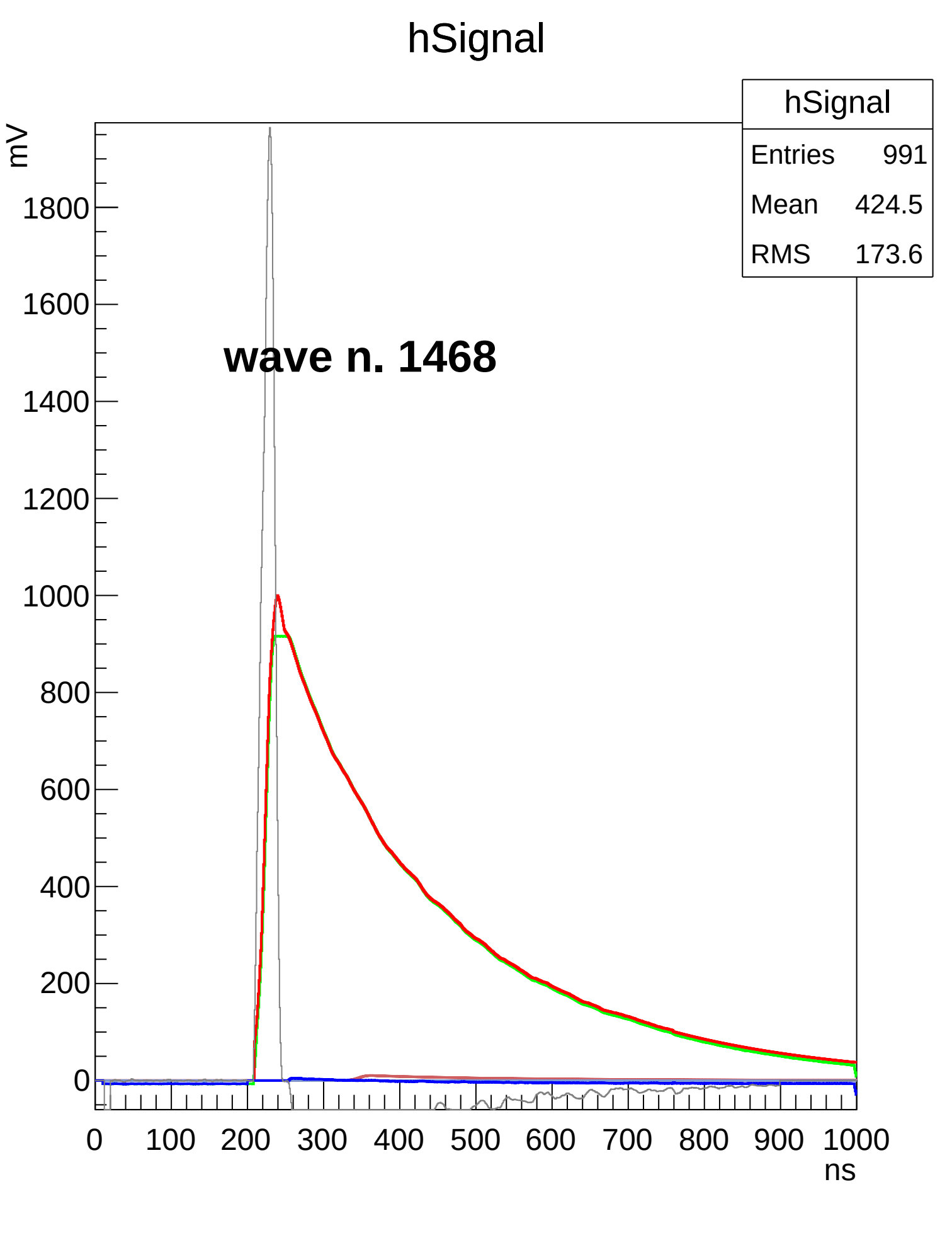
ns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hSignal
Entries 991
Mean 424.5
RMS 173.6
wave n. 1468
mV
1800
1600
1400
1200
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600
400
200
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400
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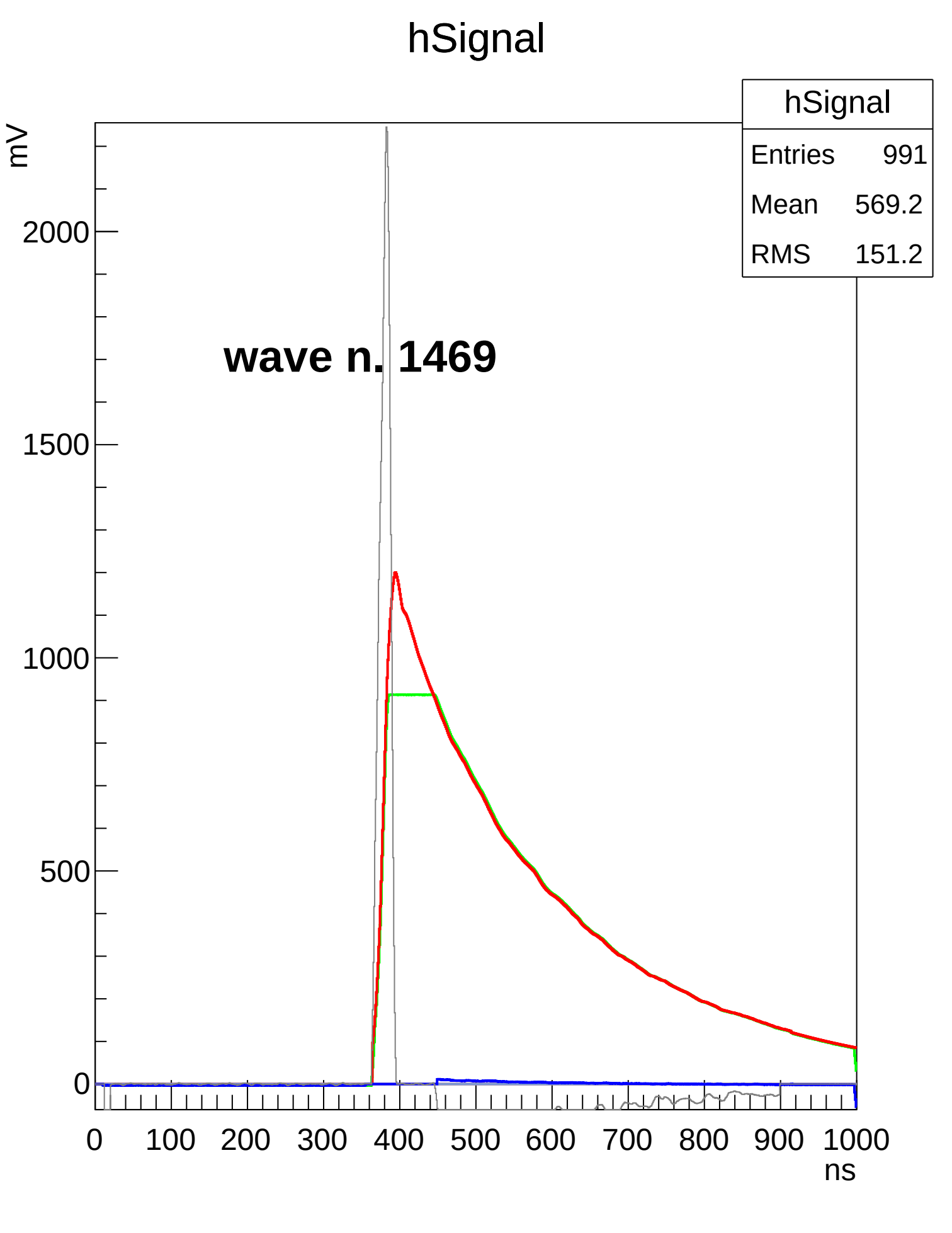
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 569.2
RMS 151.2
wave n. 1469
mV
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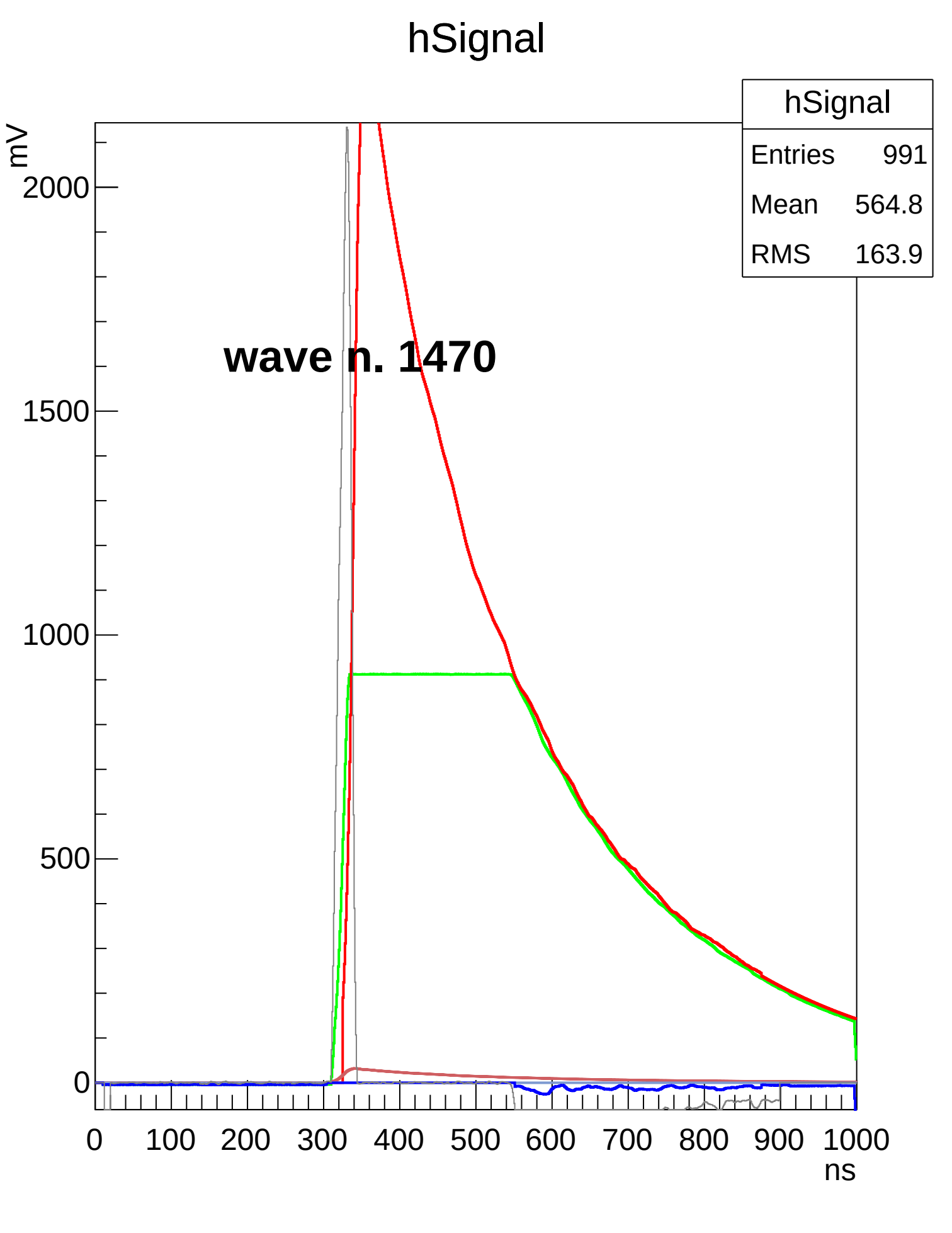
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 564.8
RMS 163.9
wave n. 1470
mV
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1500
1000
500
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0
100
200
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400
500
600
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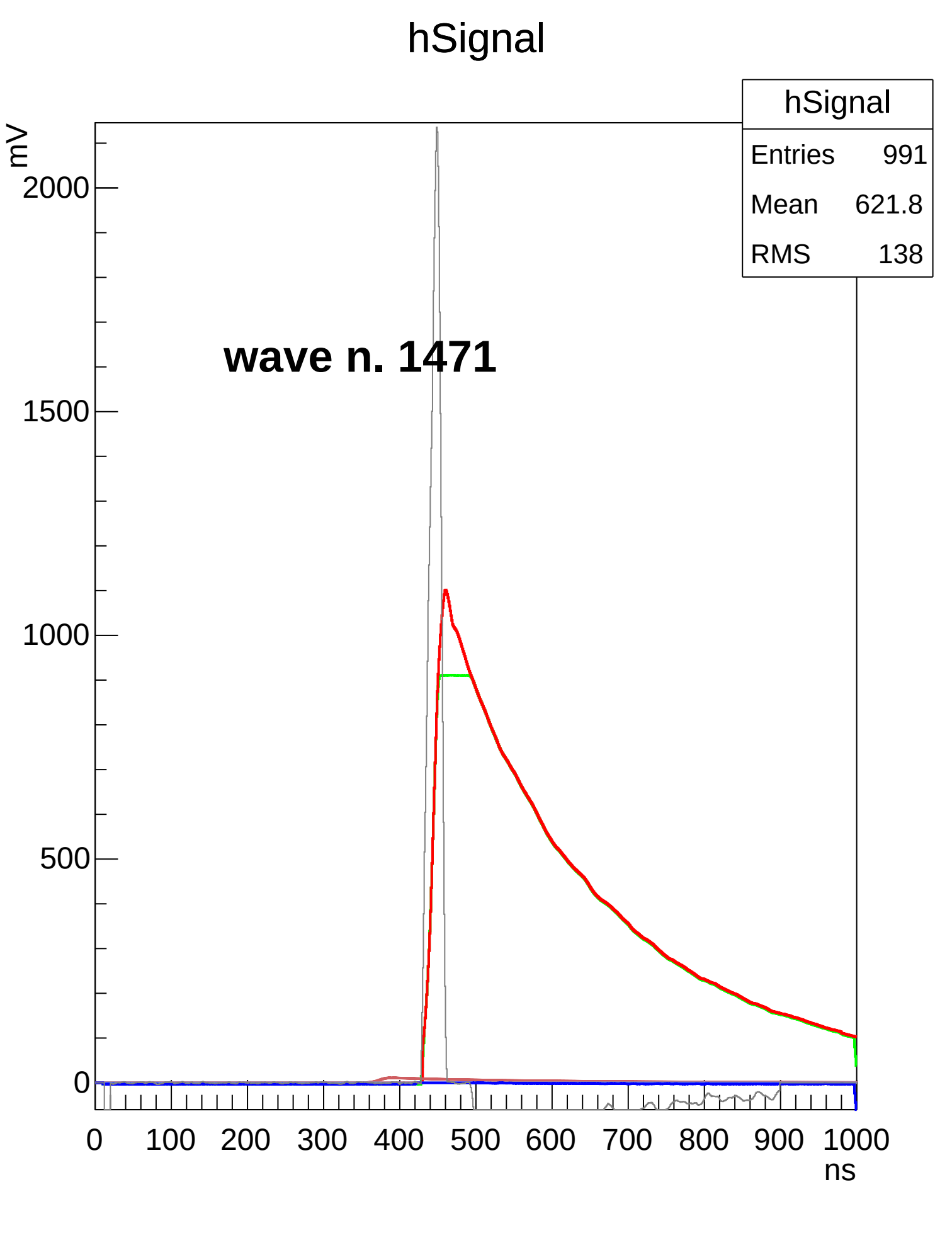
800
900
1000
ns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hSignal
Entries 991
Mean 621.8
RMS 138
wave n. 1471
mV
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1000
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1000
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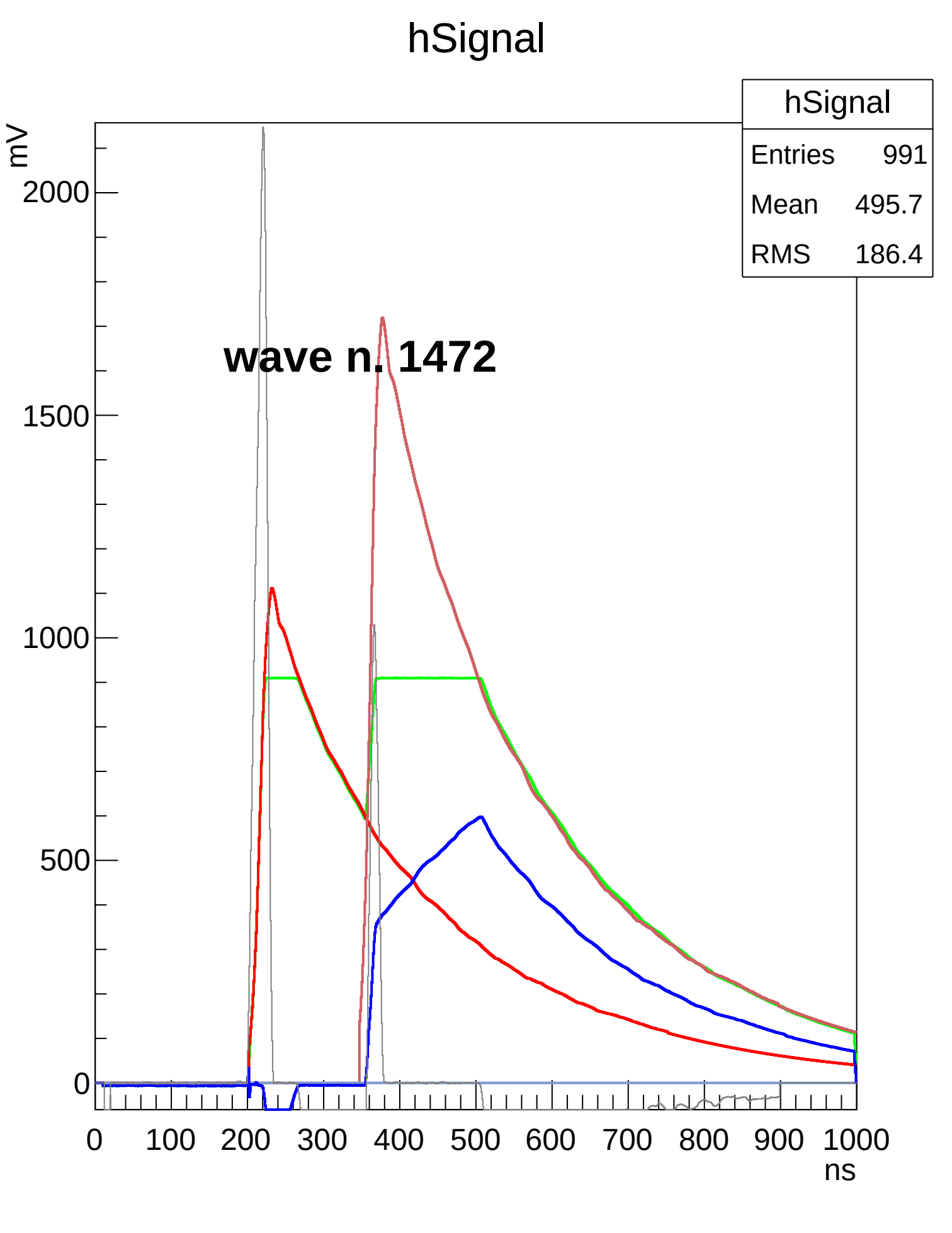
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Entries 991
Mean 495.7
RMS 186.4
wave n. 1472
mV
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1000
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100
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1000
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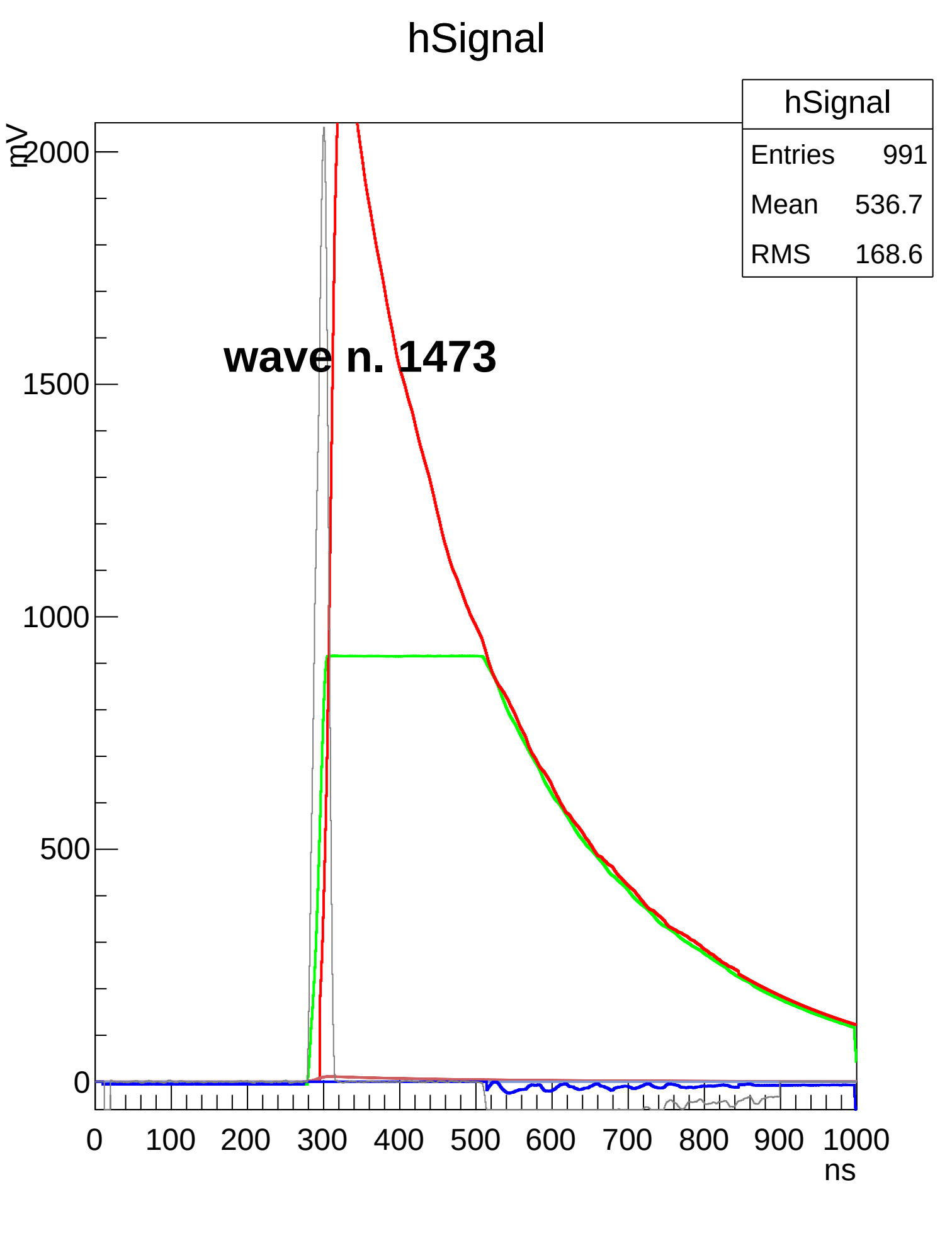
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hSignal
Entries 991
Mean 536.7
RMS 168.6
wave n. 1473
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1000
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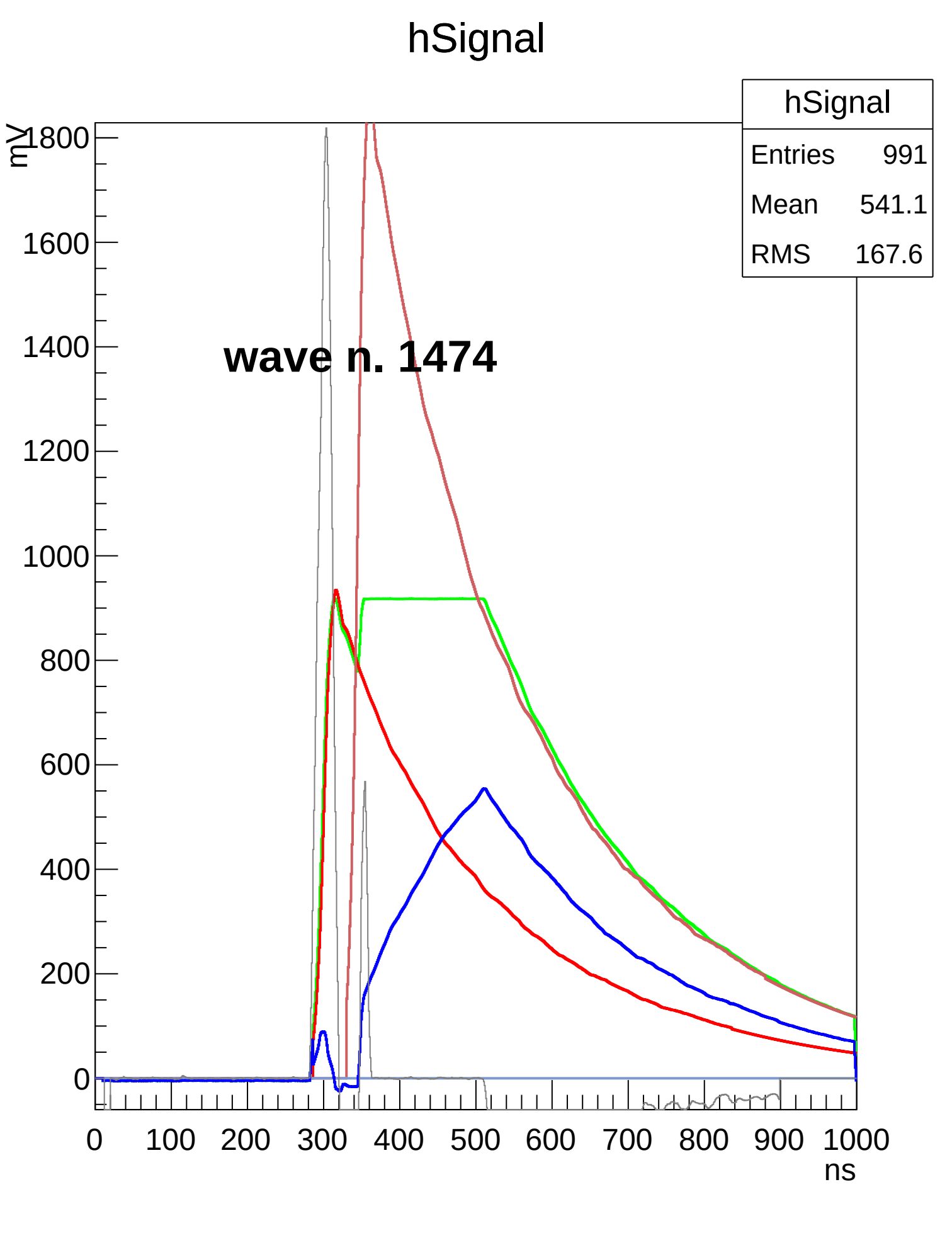
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Entries 991
Mean 541.1
RMS 167.6
wave n. 1474
mV
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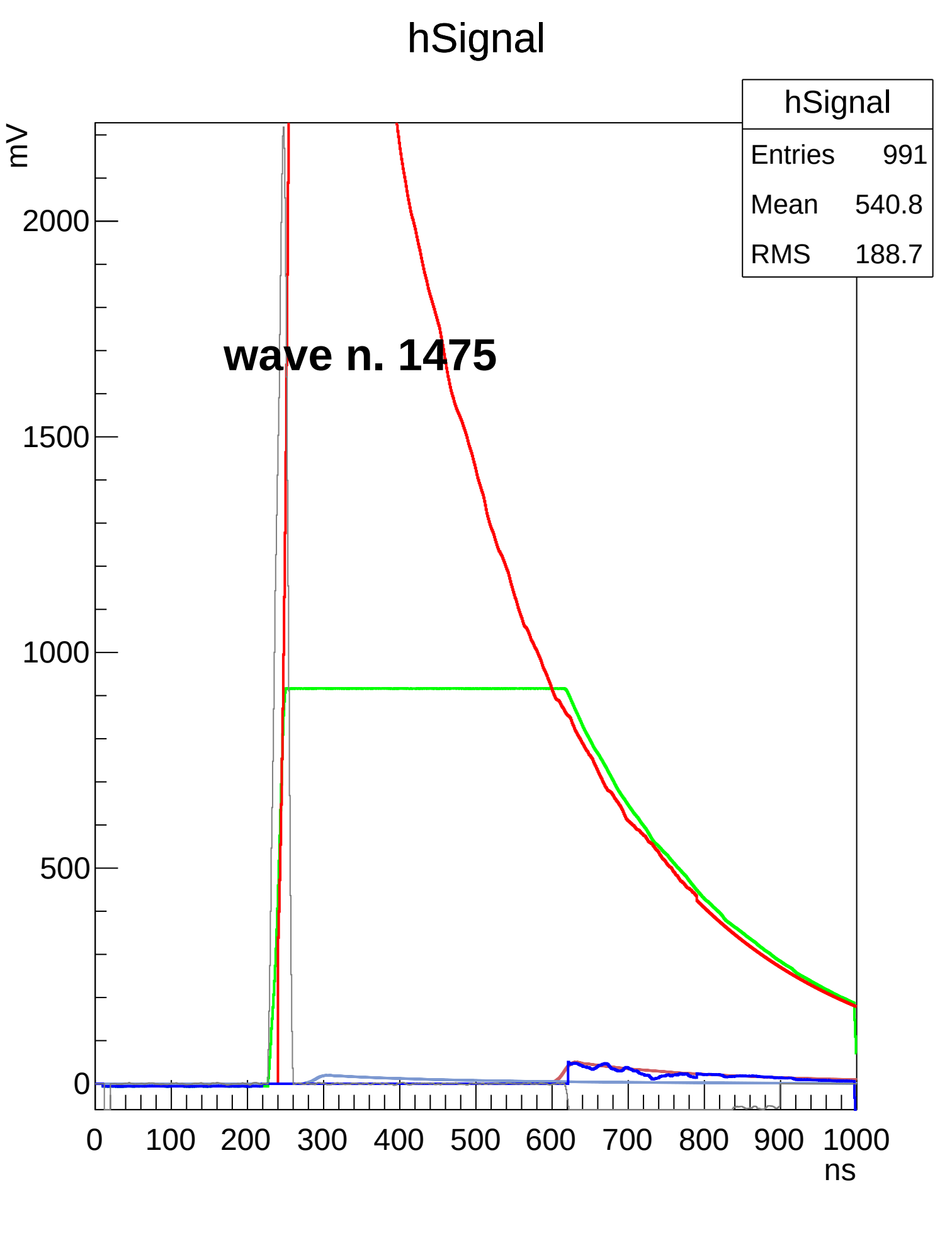
hSignal
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Entries 991
Mean 540.8
RMS 188.7
wave n. 1475
mV
2000
1500
1000
500
0
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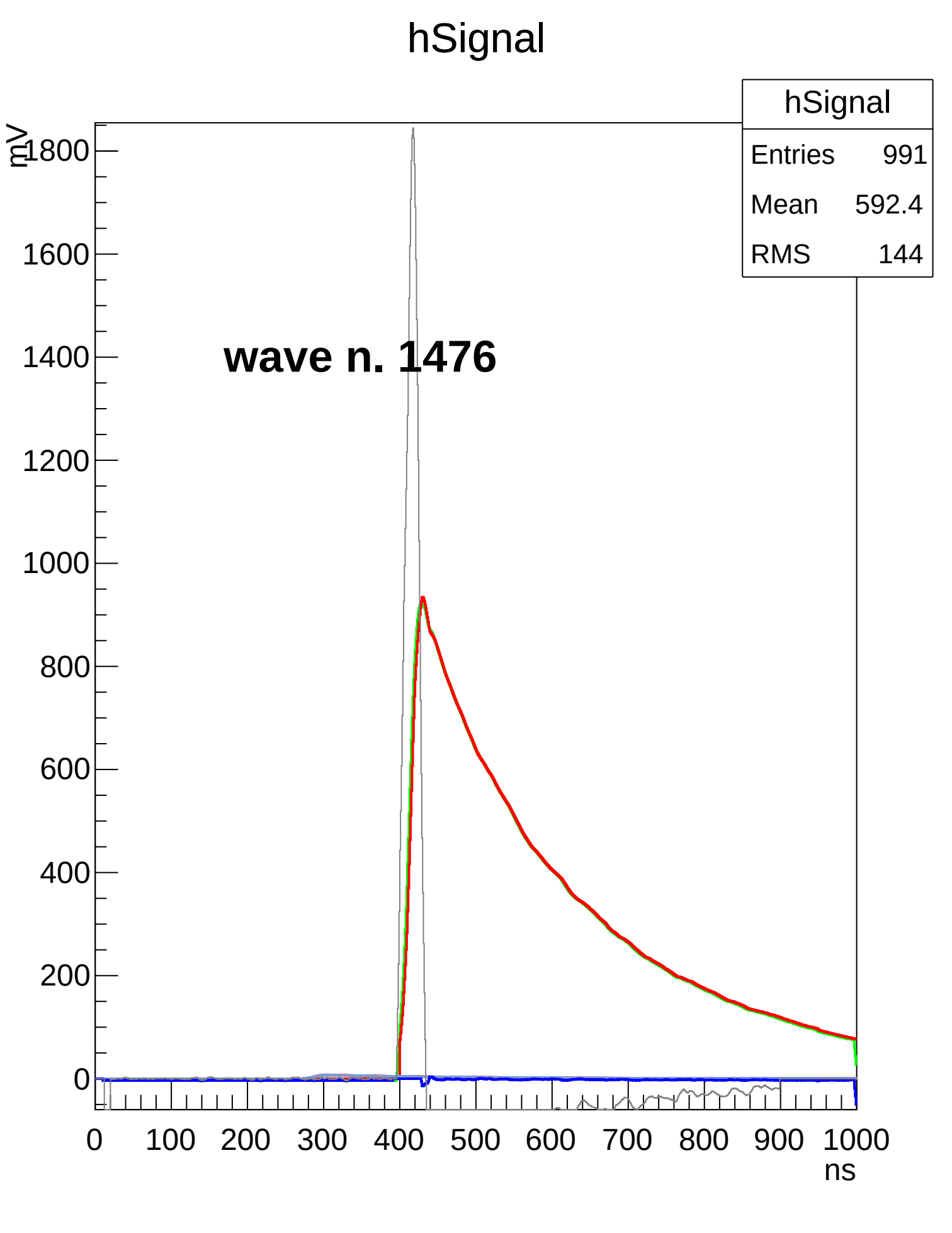
ns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hSignal
Entries 991
Mean 592.4
RMS 144
wave n. 1476
mV
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1600
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1200
1000
800
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400
200
0
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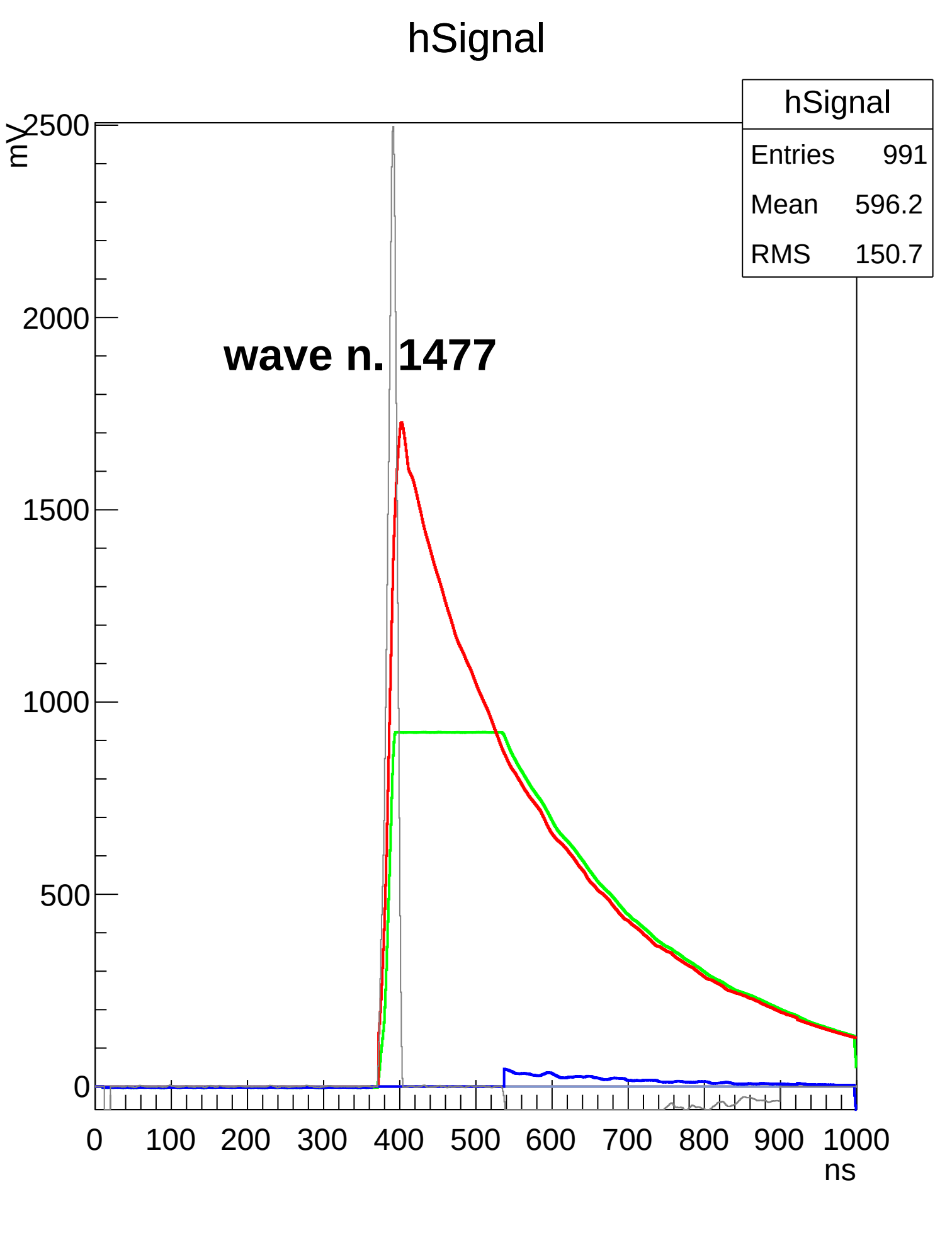
ns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hSignal
Entries 991
Mean 596.2
RMS 150.7
wave n. 1477
mV
2500
2000
1500
1000
500
0
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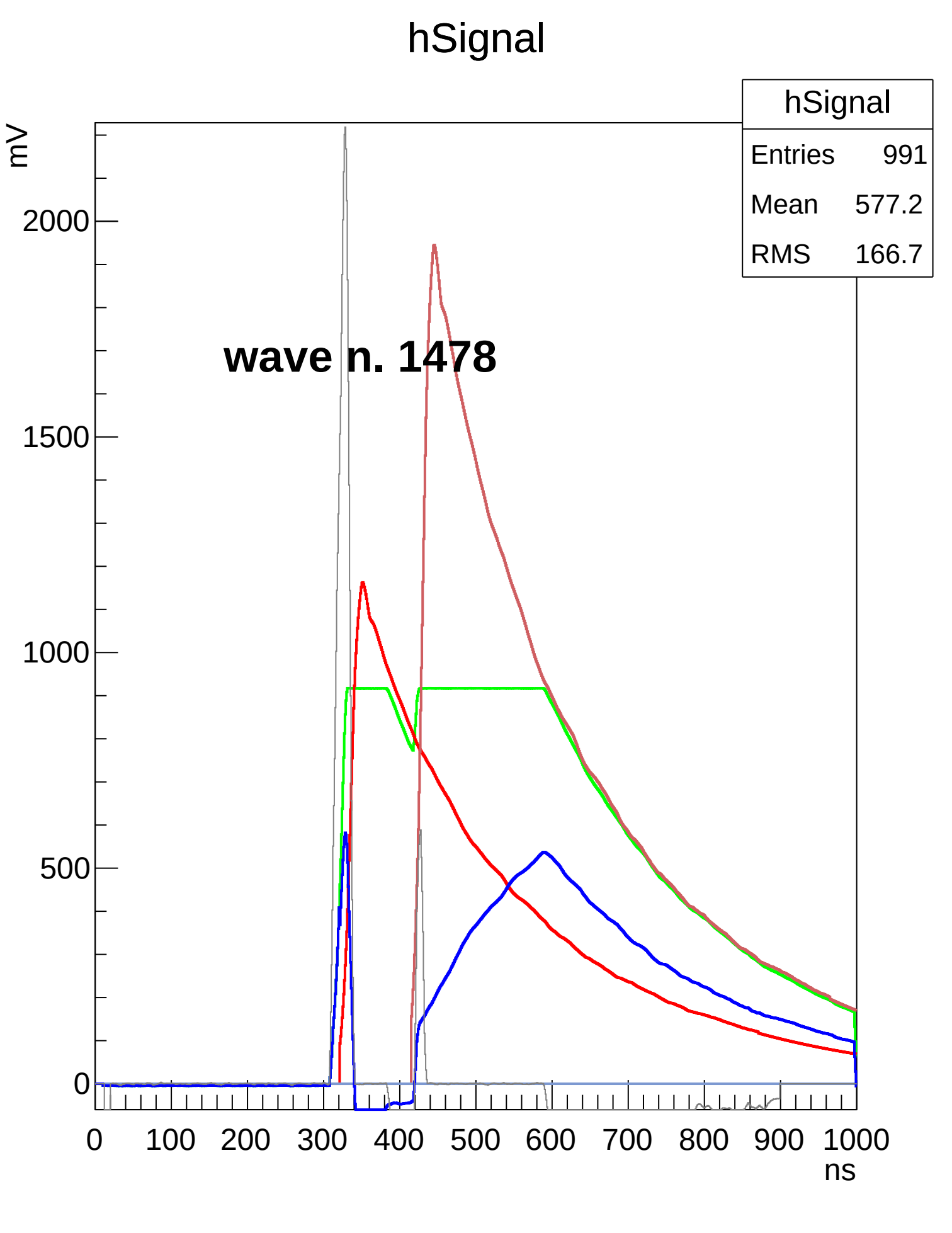
ns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Entries 991
Mean 577.2
RMS 166.7
wave n. 1478
mV
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1500
1000
500
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0
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400
500
600
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1000
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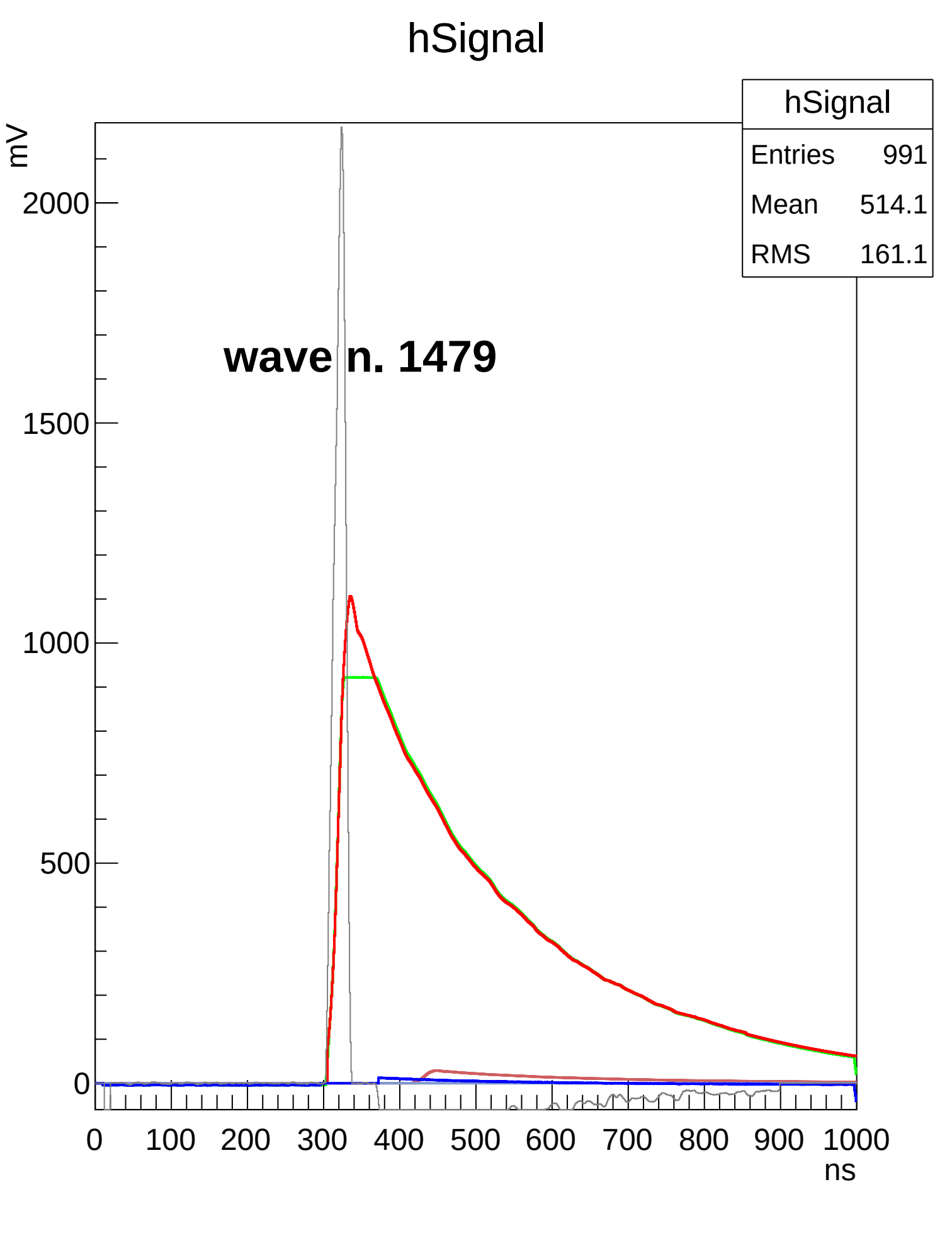
hSignal
hSignal
Entries 991
Mean 514.1
RMS 161.1
wave n. 1479
mV
2000
1500
1000
500
0
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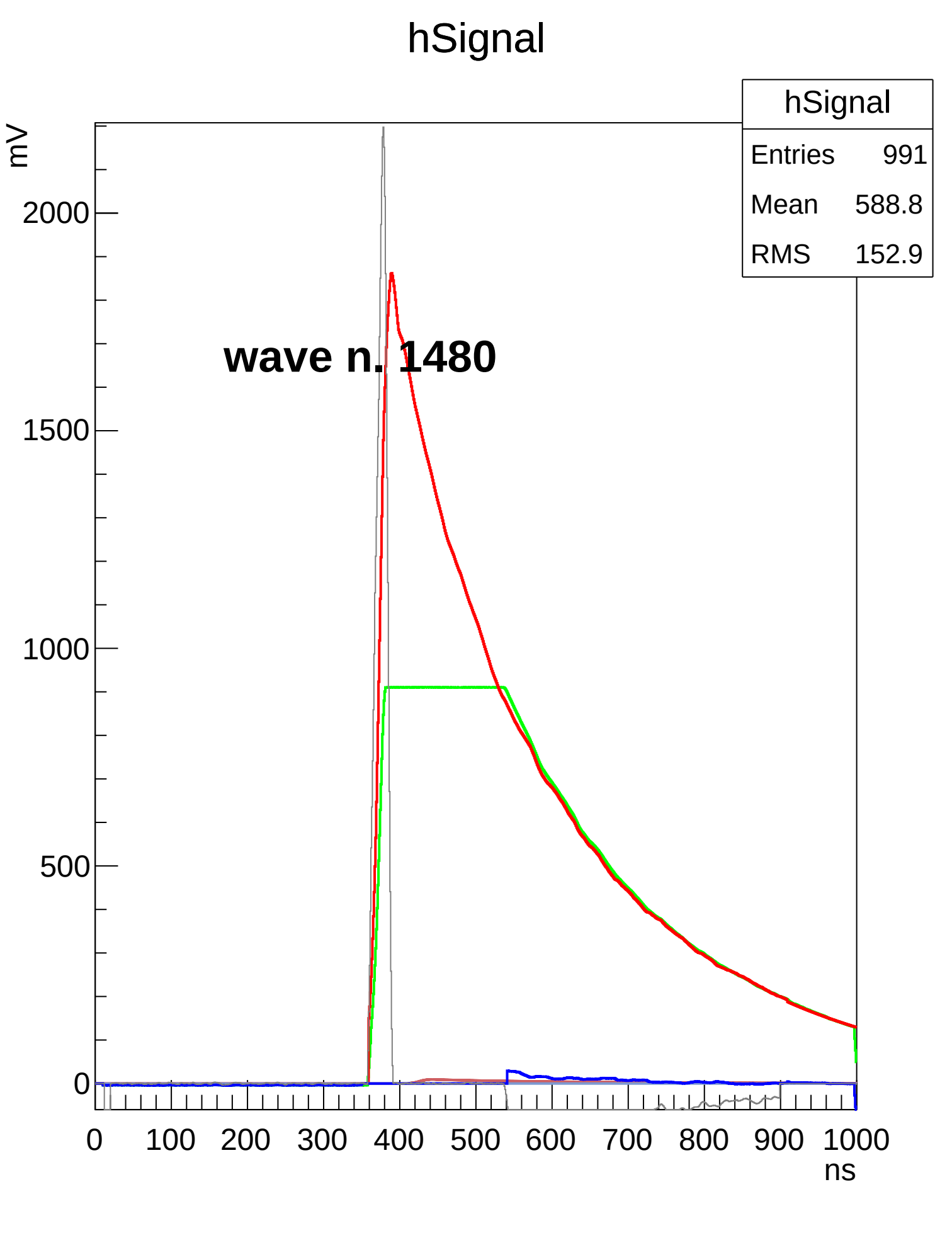
ns


hSignal
hSignal
Entries 991
Mean 588.8
RMS 152.9
wave n. 1480
mV
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1500
1000
500
0
0
100
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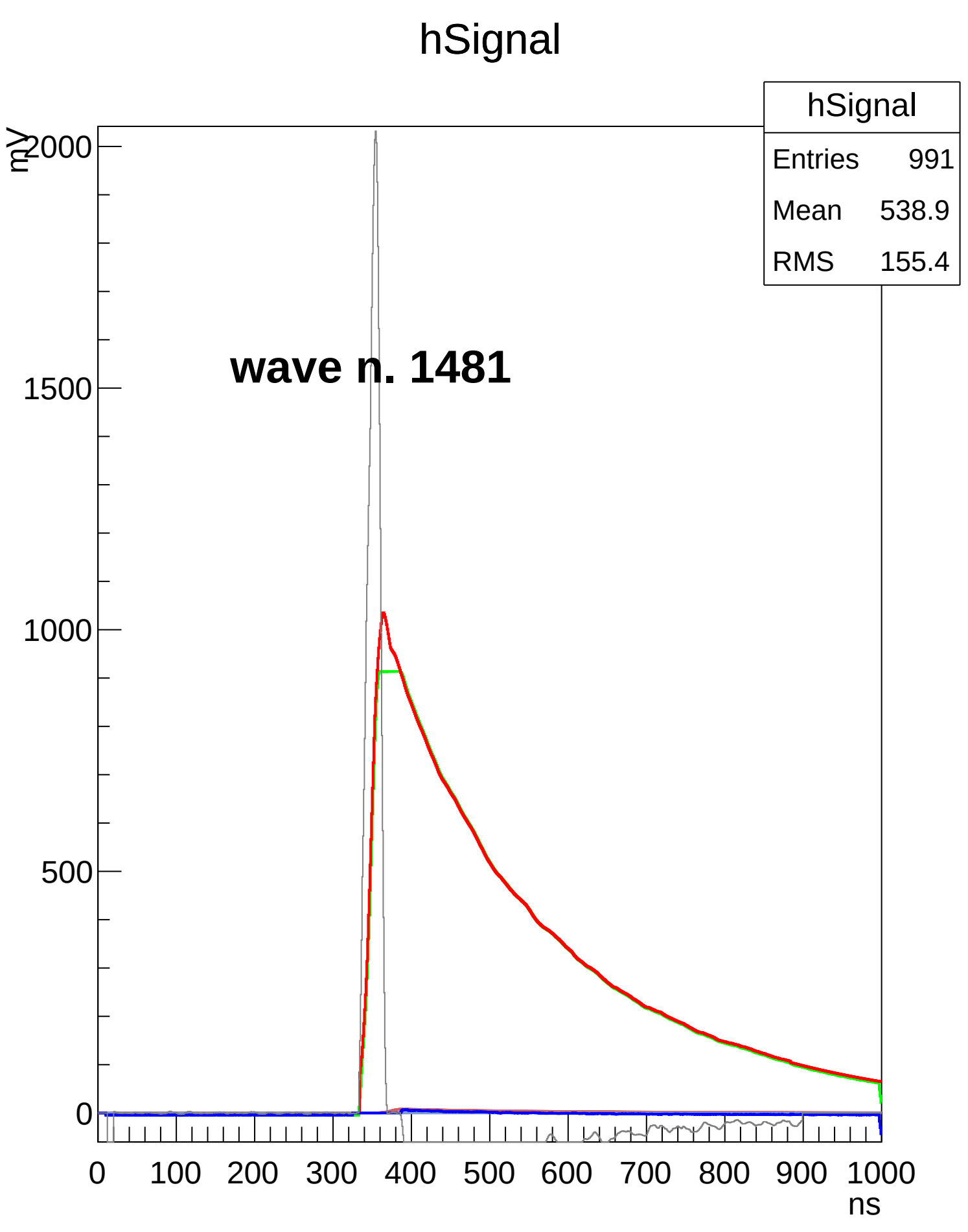
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 538.9
RMS 155.4
wave n. 1481
mV
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1500
1000
500
0
0
100
200
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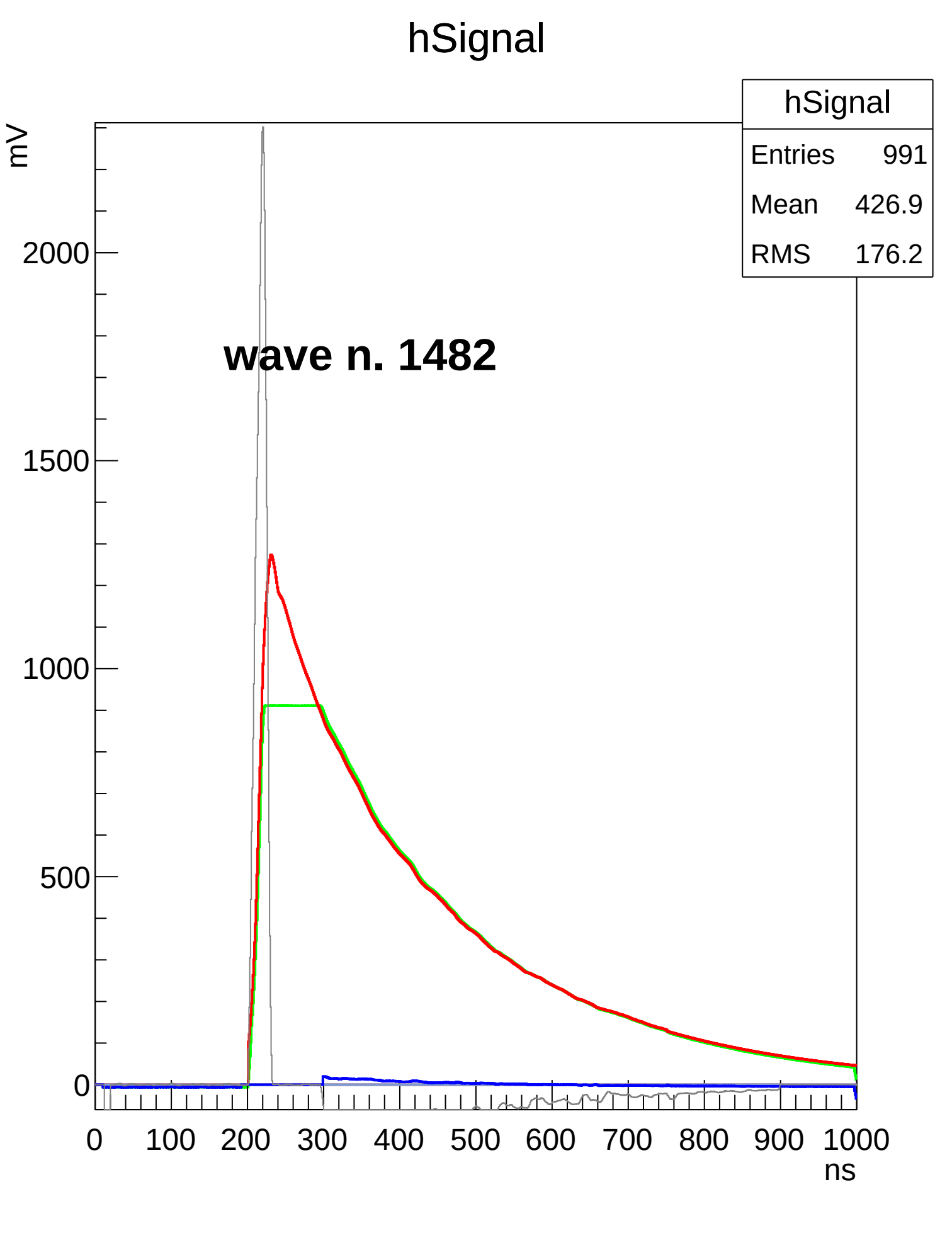
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 426.9
RMS 176.2
wave n. 1482
mV
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1500
1000
500
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0
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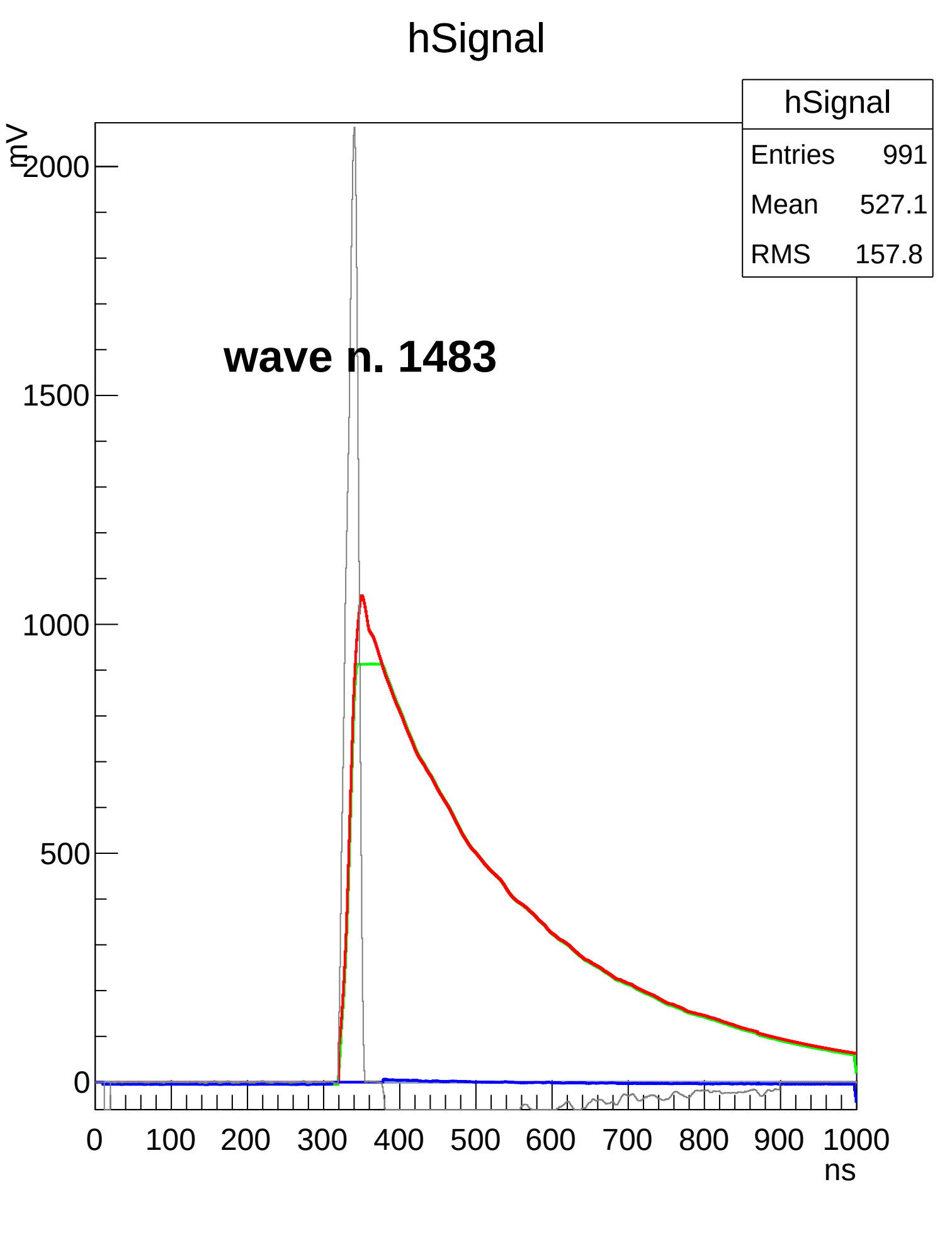
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527.1
RMS 157.8
wave n. 1483
mV
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1500
1000
500
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0
100
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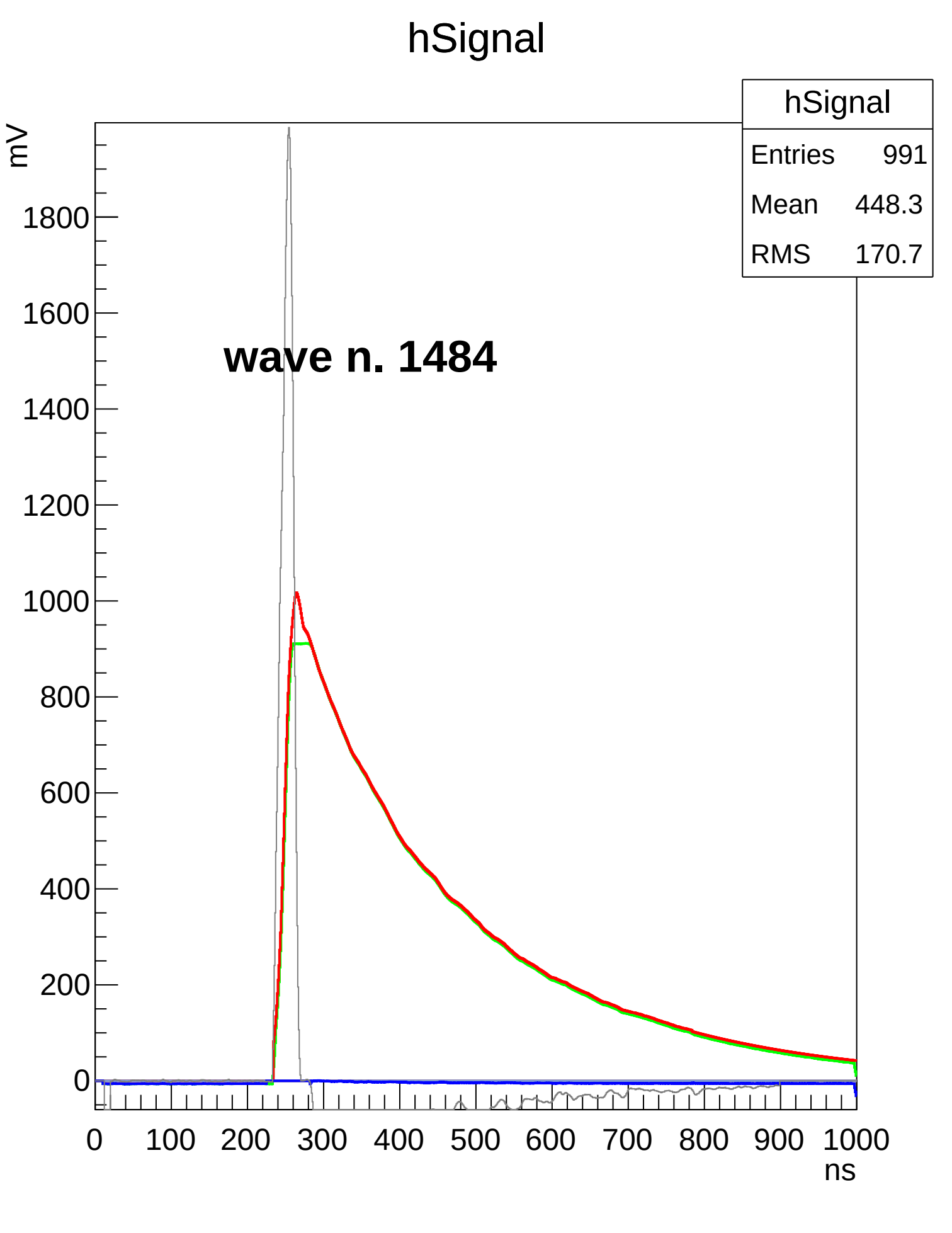
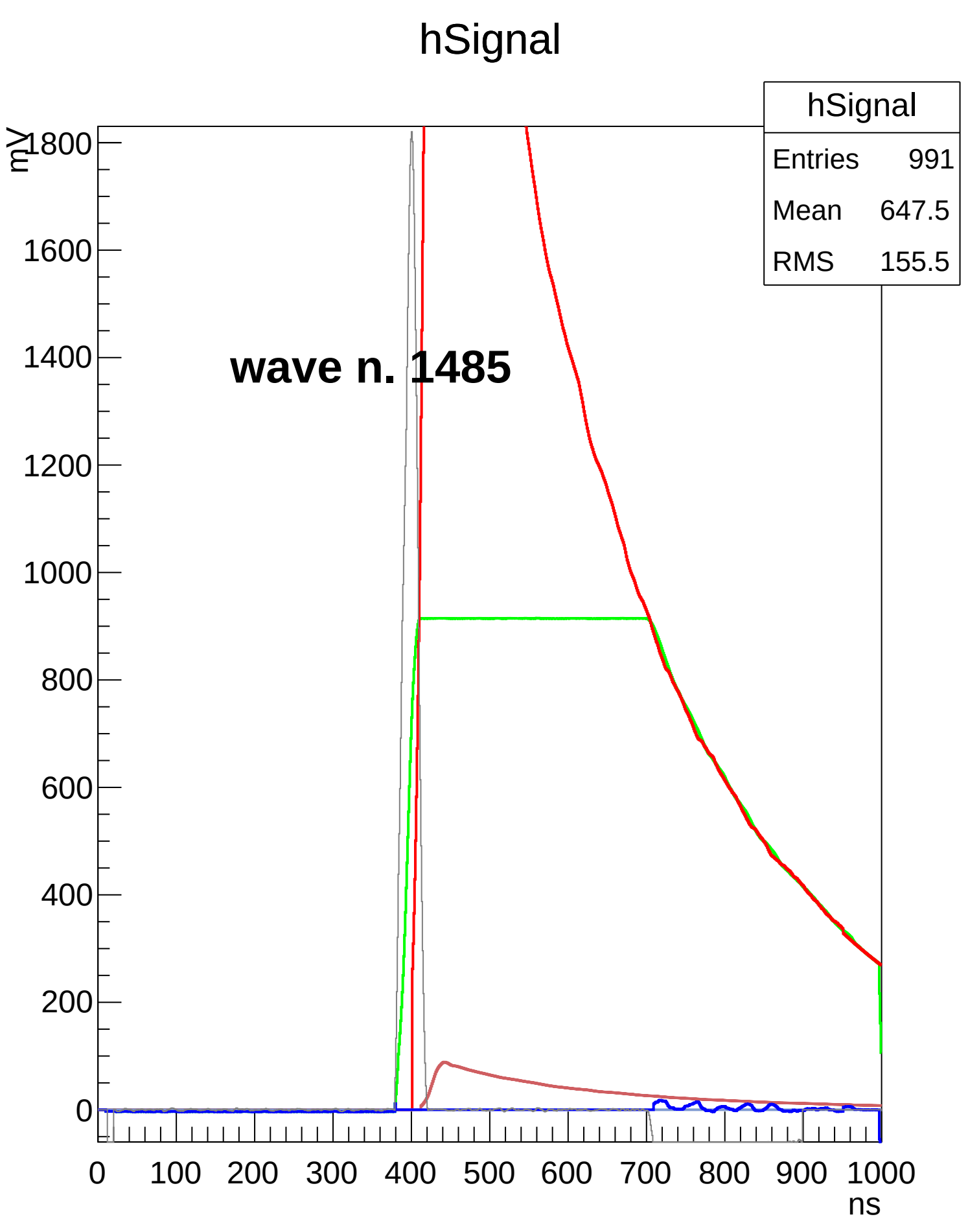
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 448.3
RMS 170.7
wave n. 1484
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 647.5
RMS 155.5
wave n. 1485
mV
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1600
1400
1200
1000
800
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400
200
0
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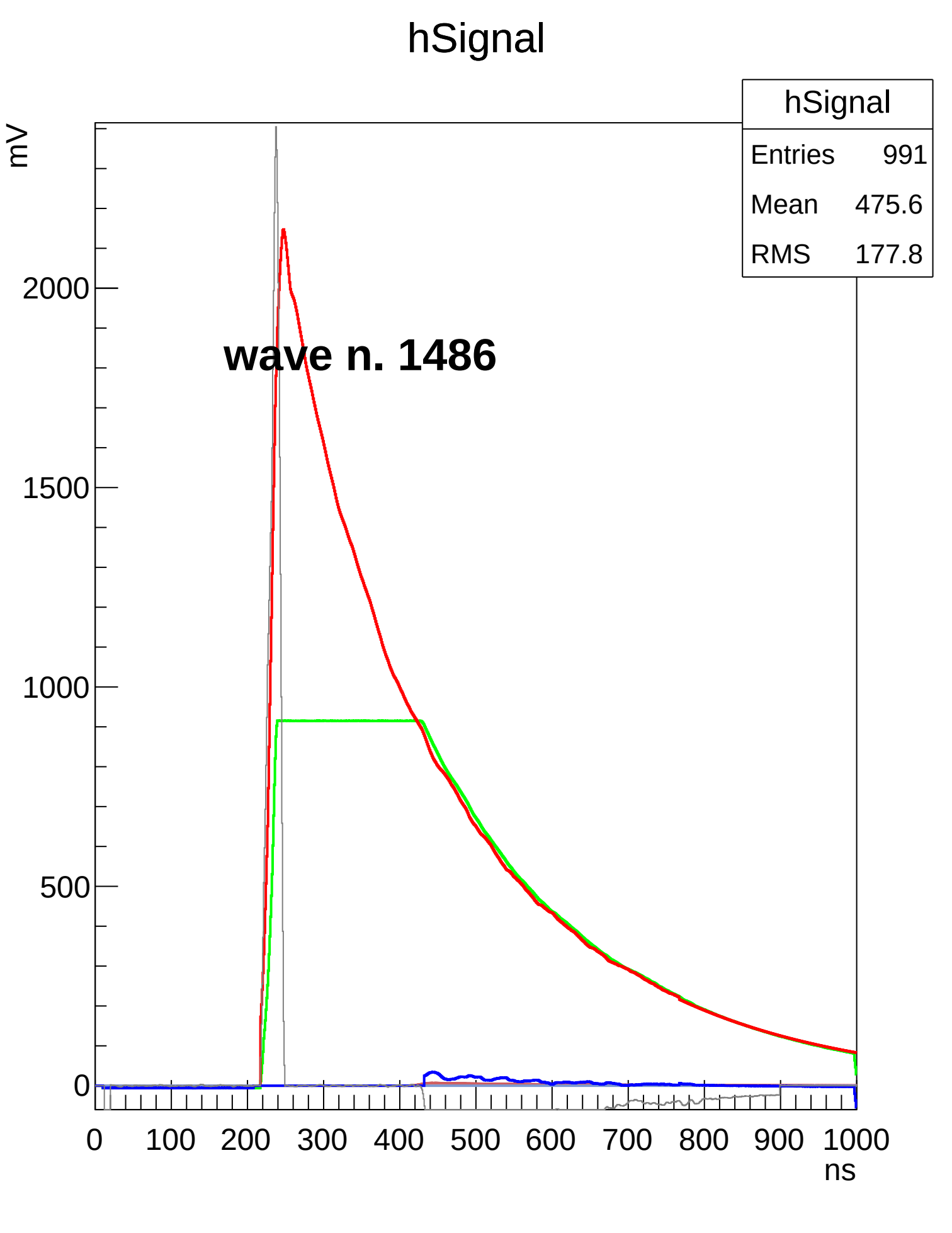
ns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hSignal
Entries 991
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RMS 177.8
wave n. 1486
mV
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1000
500
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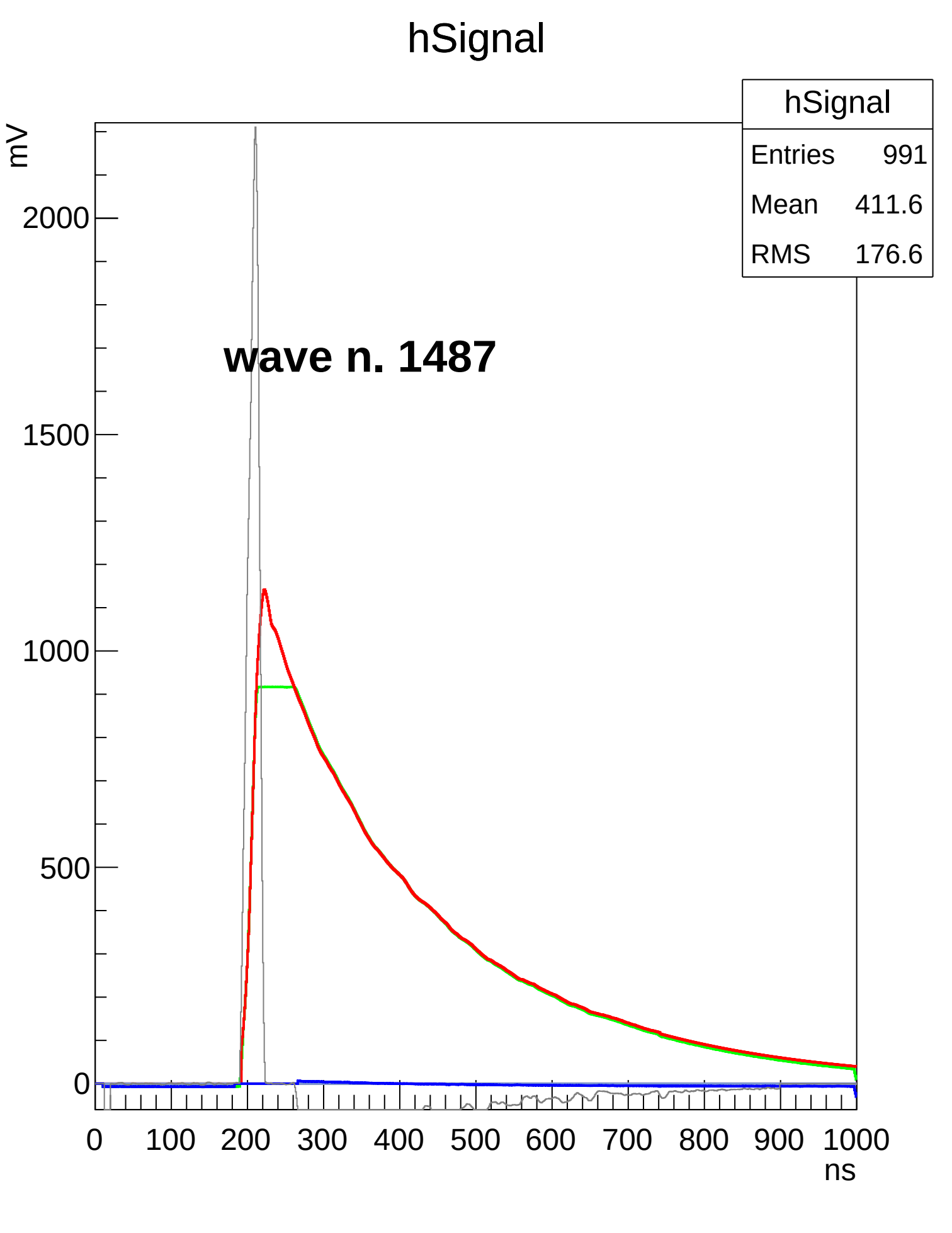
ns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hSignal
Entries 991
Mean 411.6
RMS 176.6
wave n. 1487
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400
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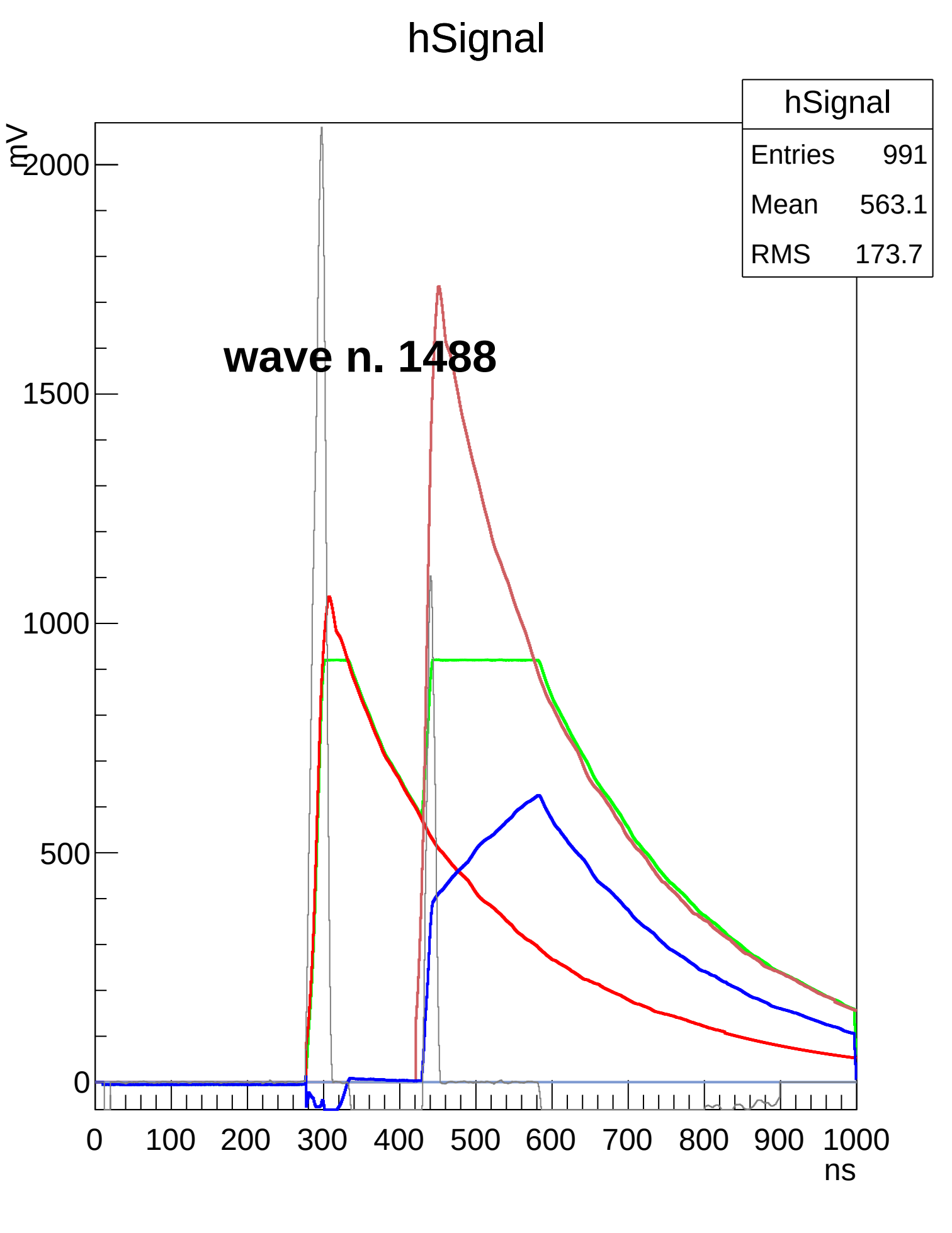
800
900
1000
ns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hSignal
Entries 991
Mean 563.1
RMS 173.7
wave n. 1488
mV
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1500
1000
500
0
0
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200
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400
500
600
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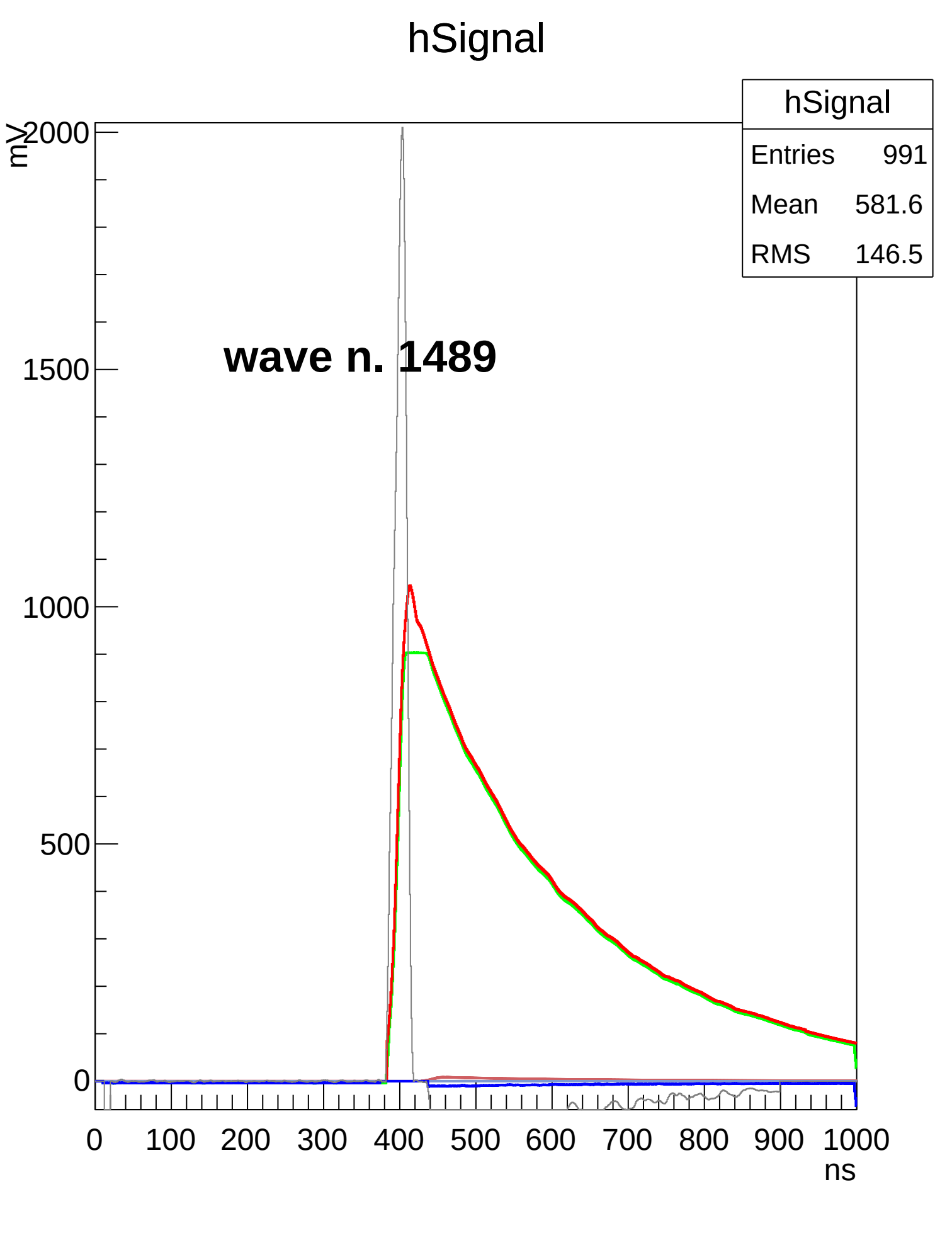
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 581.6
RMS 146.5
wave n. 1489
mV
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1500
1000
500
0
0
100
200
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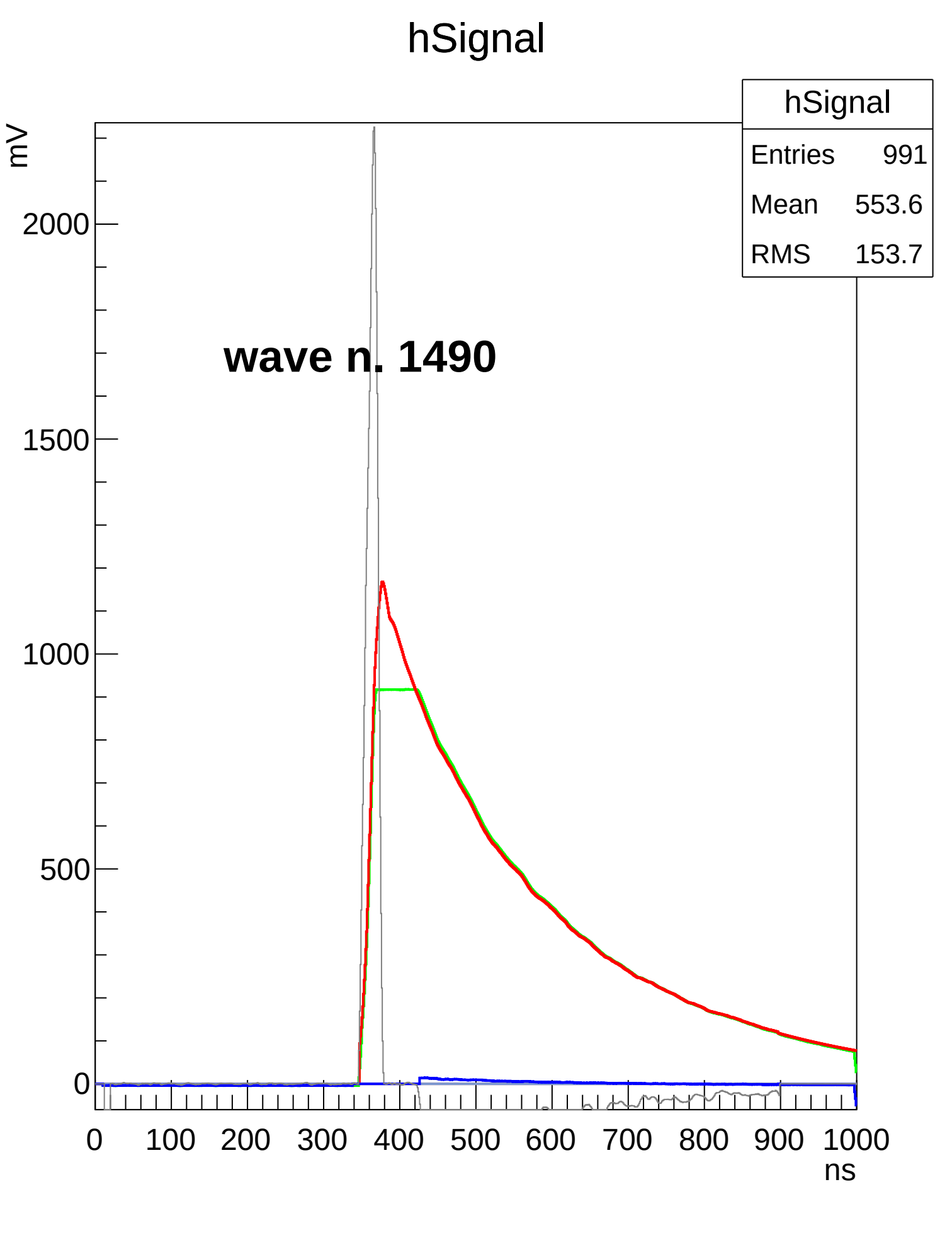
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 553.6
RMS 153.7
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mV
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1500
1000
500
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0
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400
500
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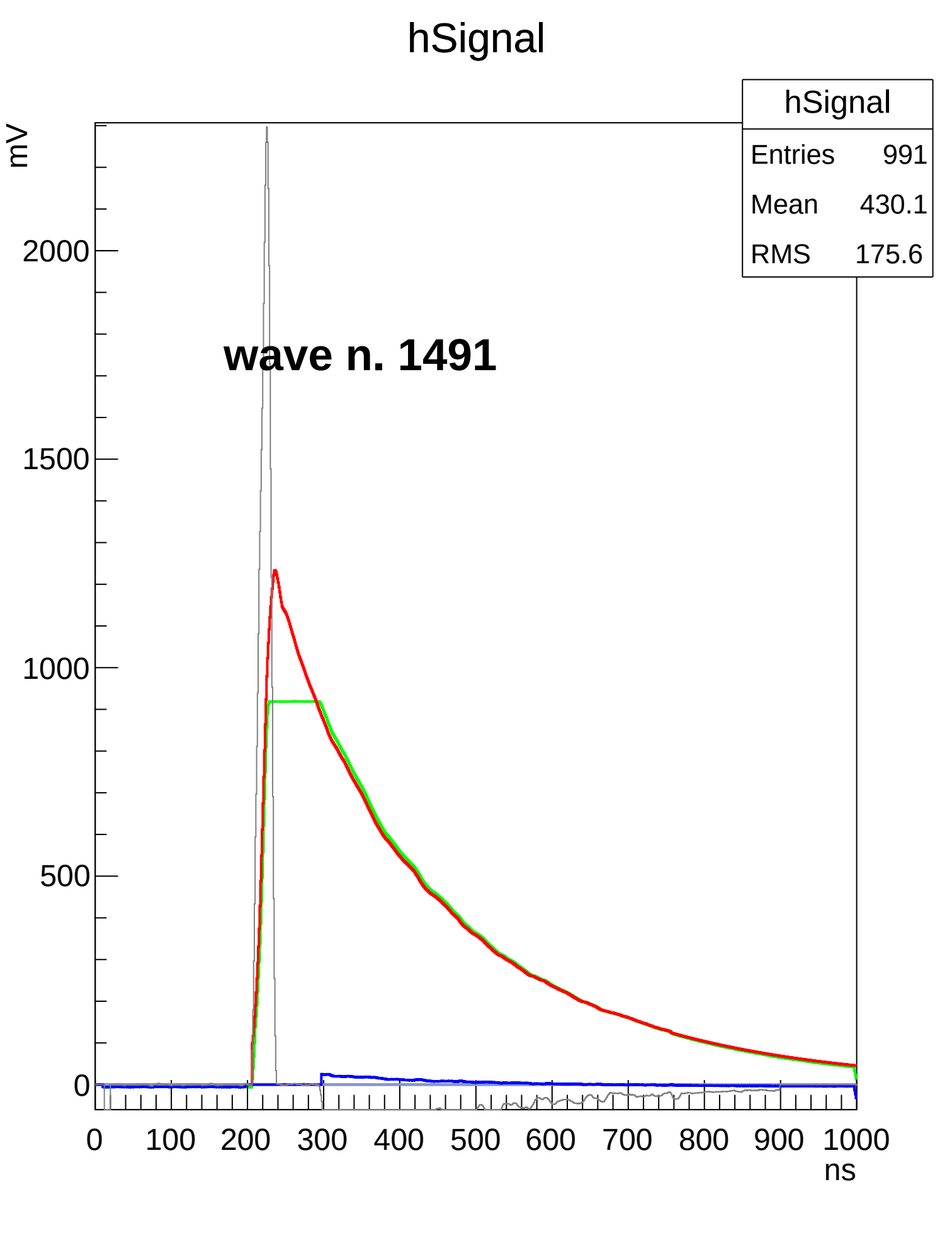
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 430.1
RMS 175.6
wave n. 1491
mV
2000
1500
1000
500
0
0
100
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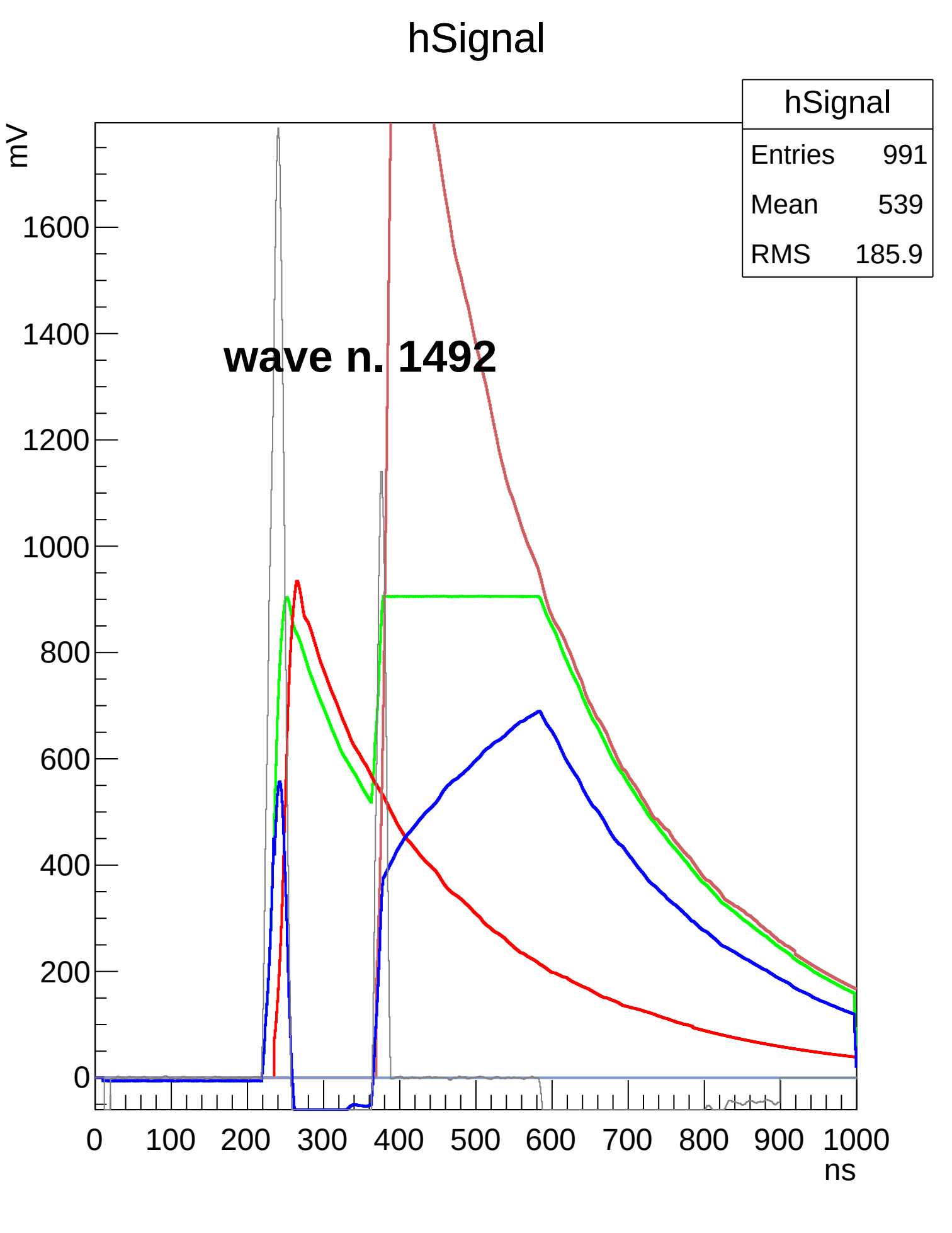
800
900
1000
ns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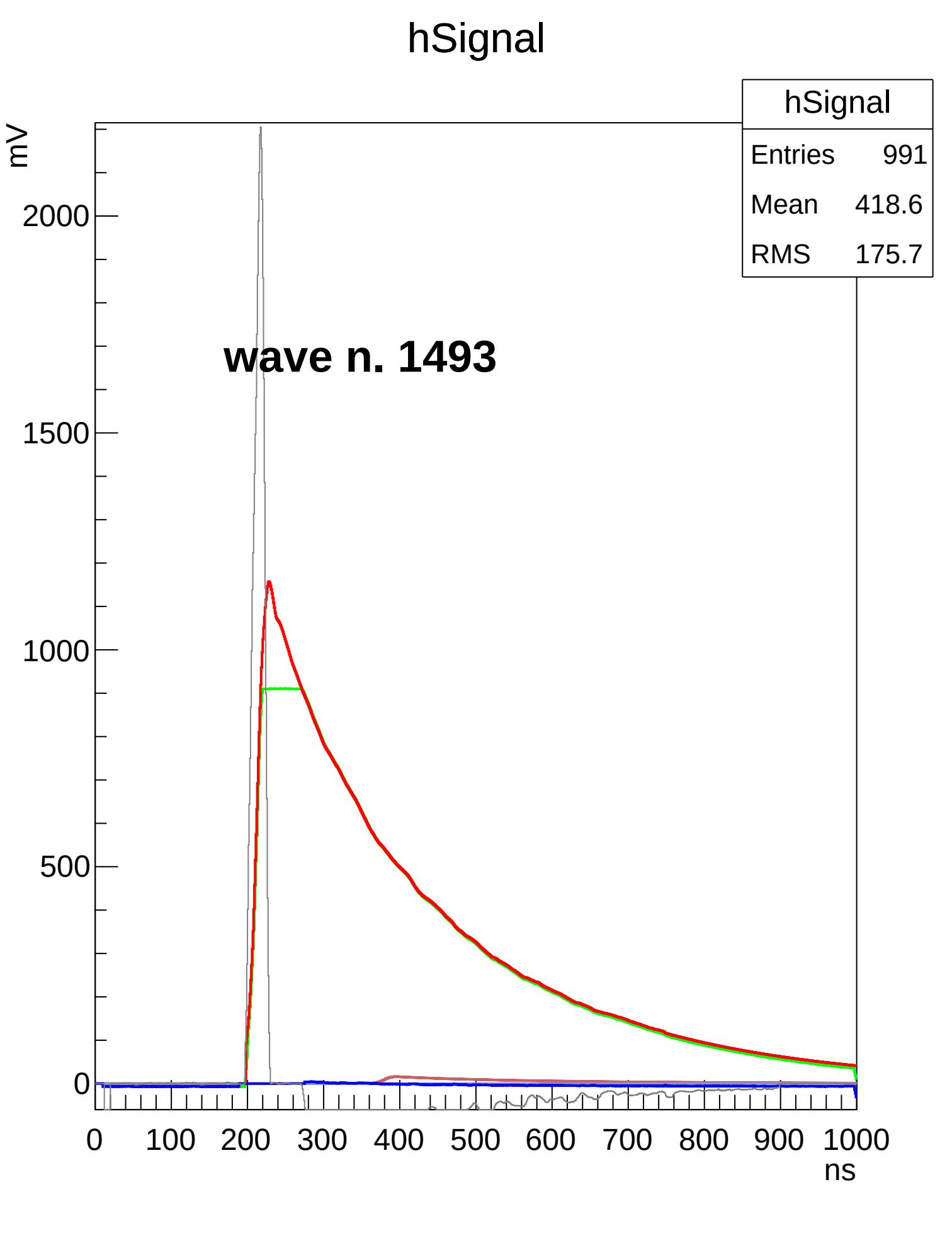
hSignal
Entries 991
Mean 539
RMS 185.9
wave n. 1492
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 418.6
RMS 175.7
wave n. 1493
mV
2000
1500
1000
500
0
0
100
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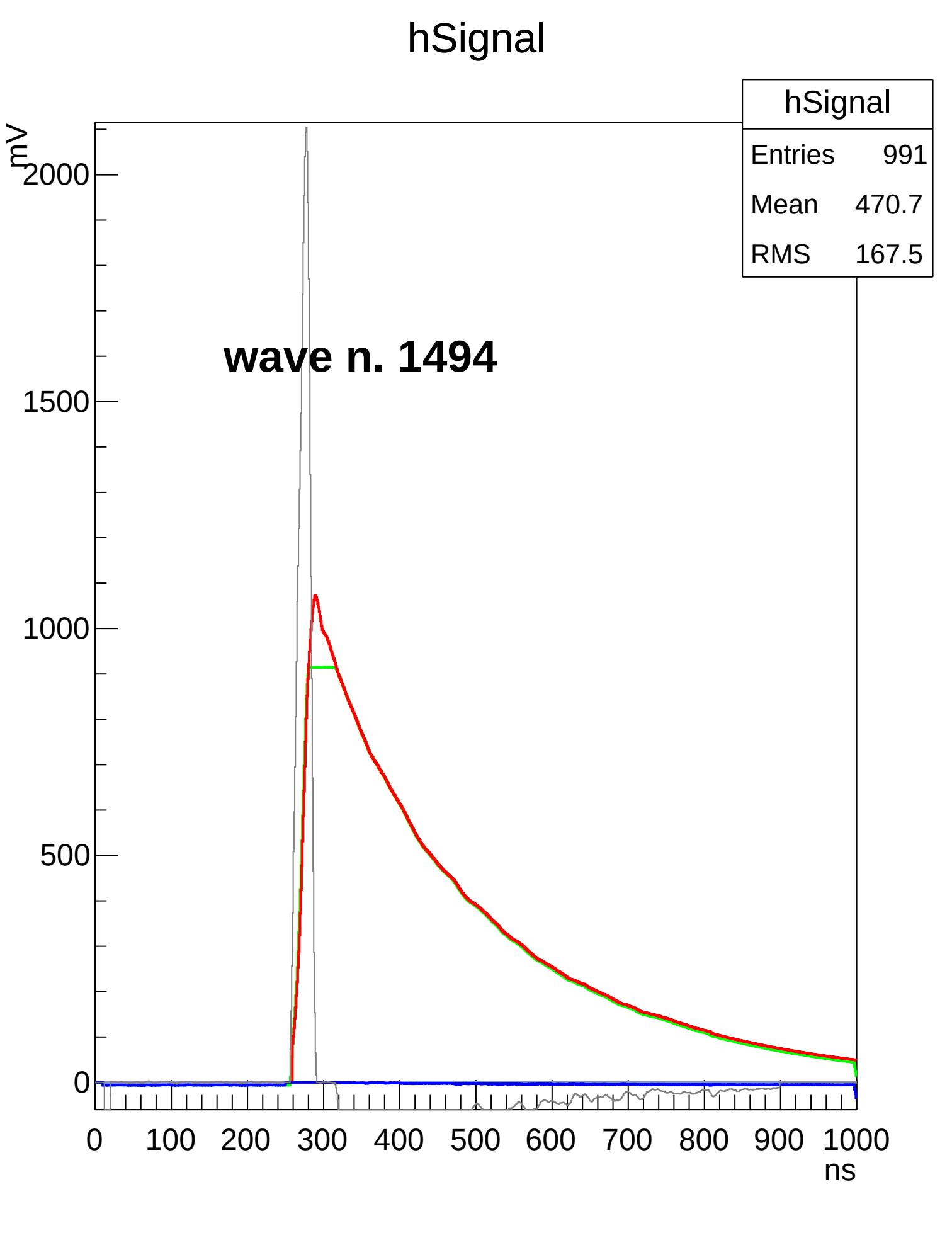
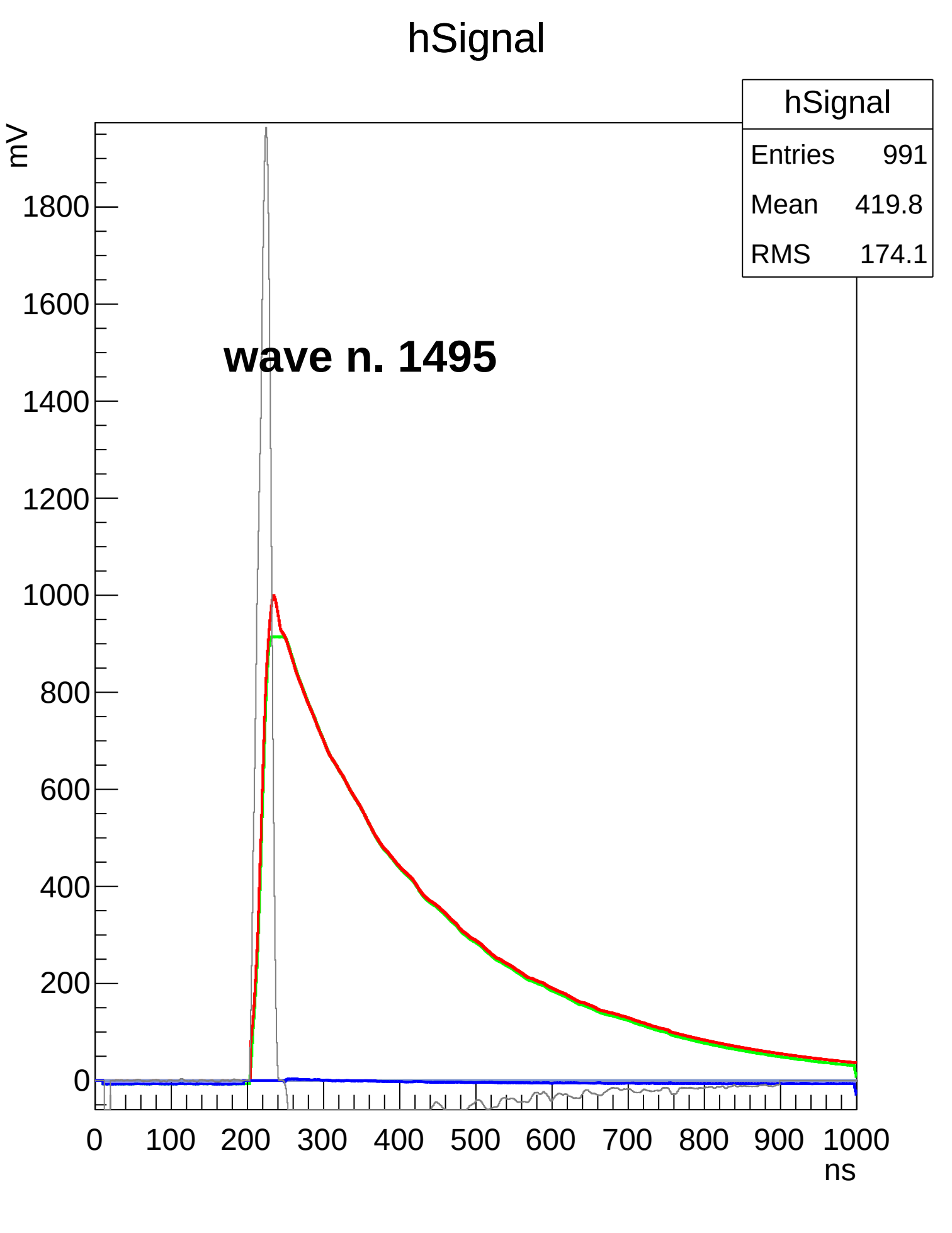
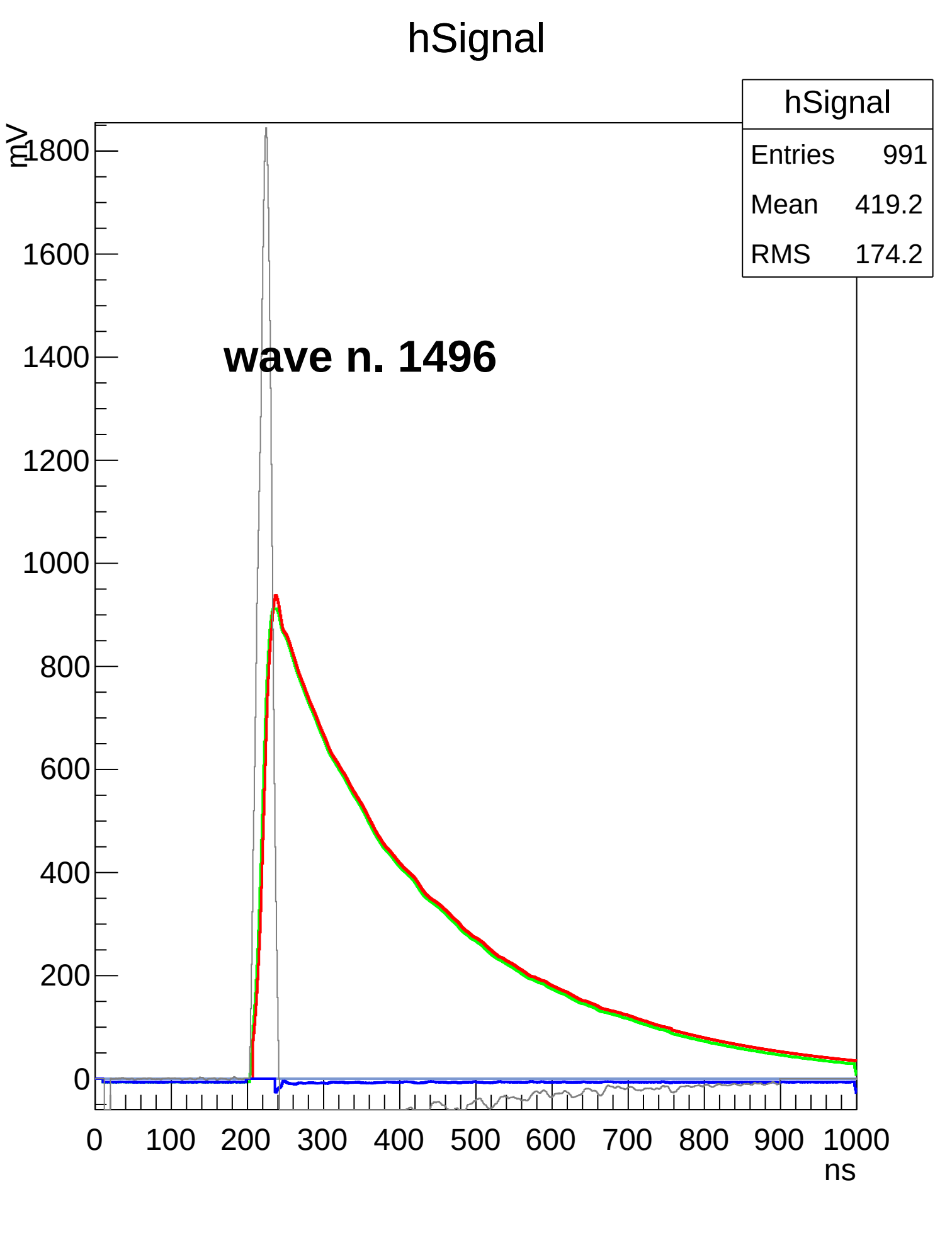
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 470.7
RMS 167.5
wave n. 1494
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 419.8
RMS 174.1
wave n. 1495
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 419.2
RMS 174.2
wave n. 1496
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
300
400
500
600
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800
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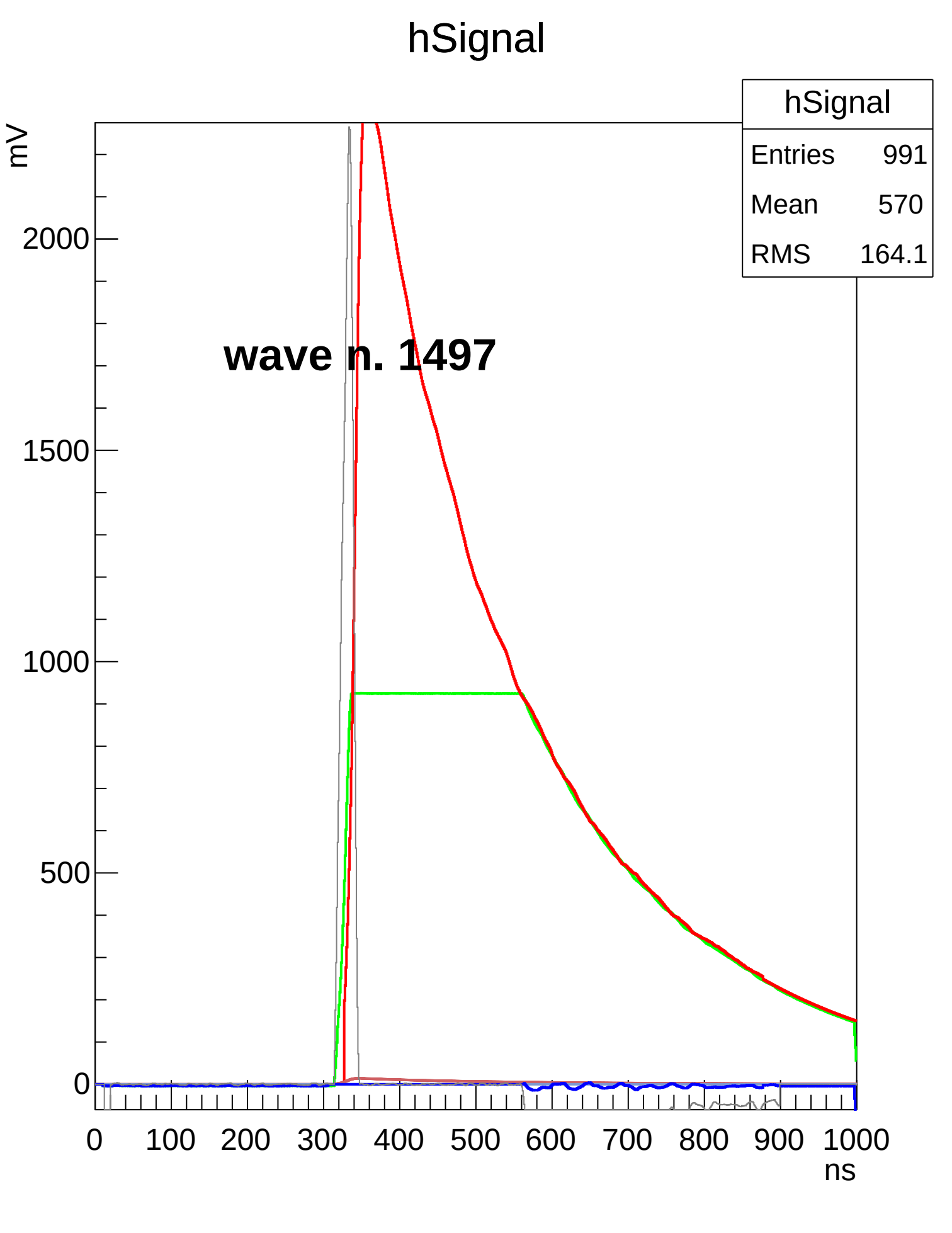
1000
ns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hSignal
Entries 991
Mean 570
RMS 164.1
wave n. 1497
mV
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1500
1000
500
0
0
100
200
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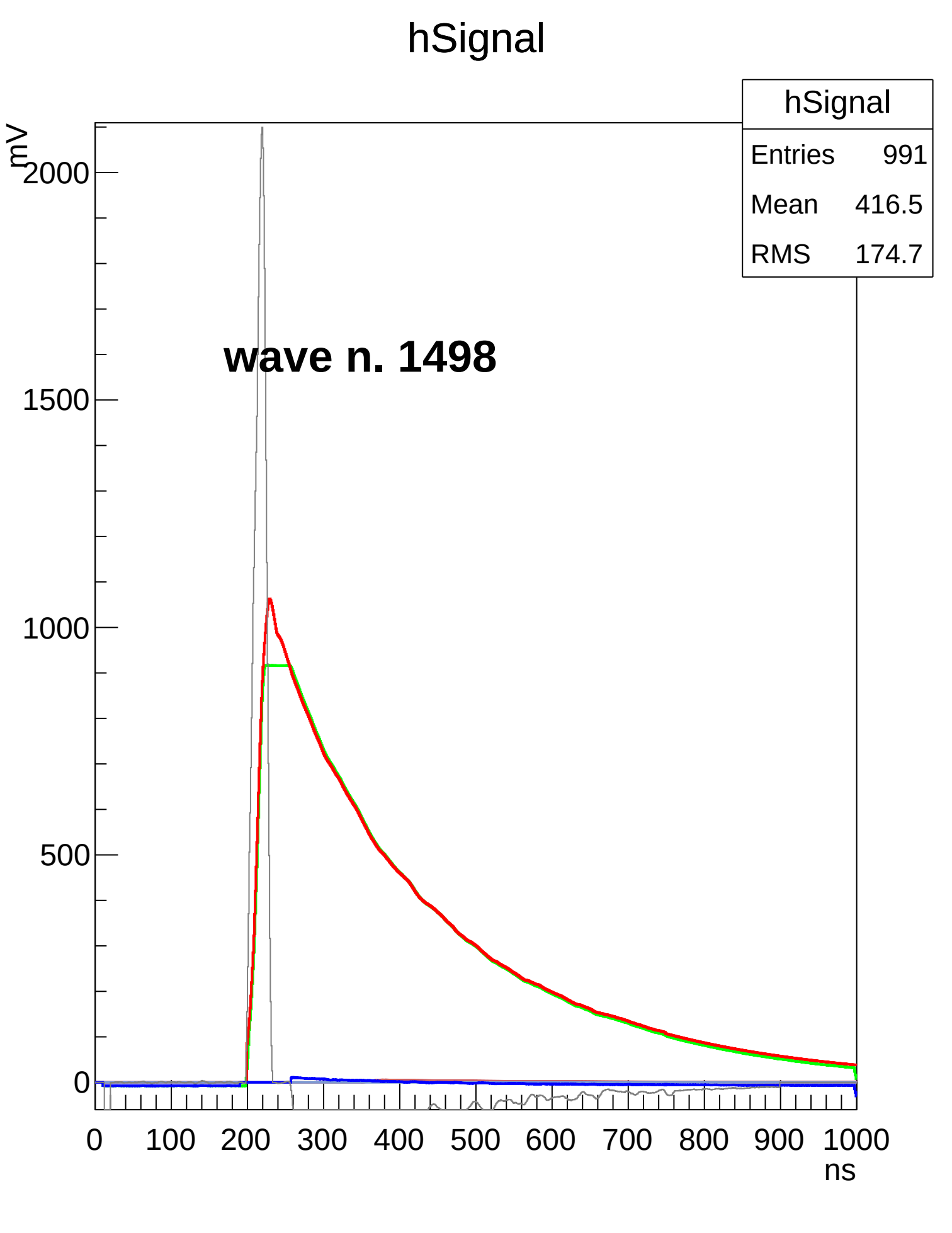
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 416.5
RMS 174.7
wave n. 1498
mV
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1500
1000
500
0
0
100
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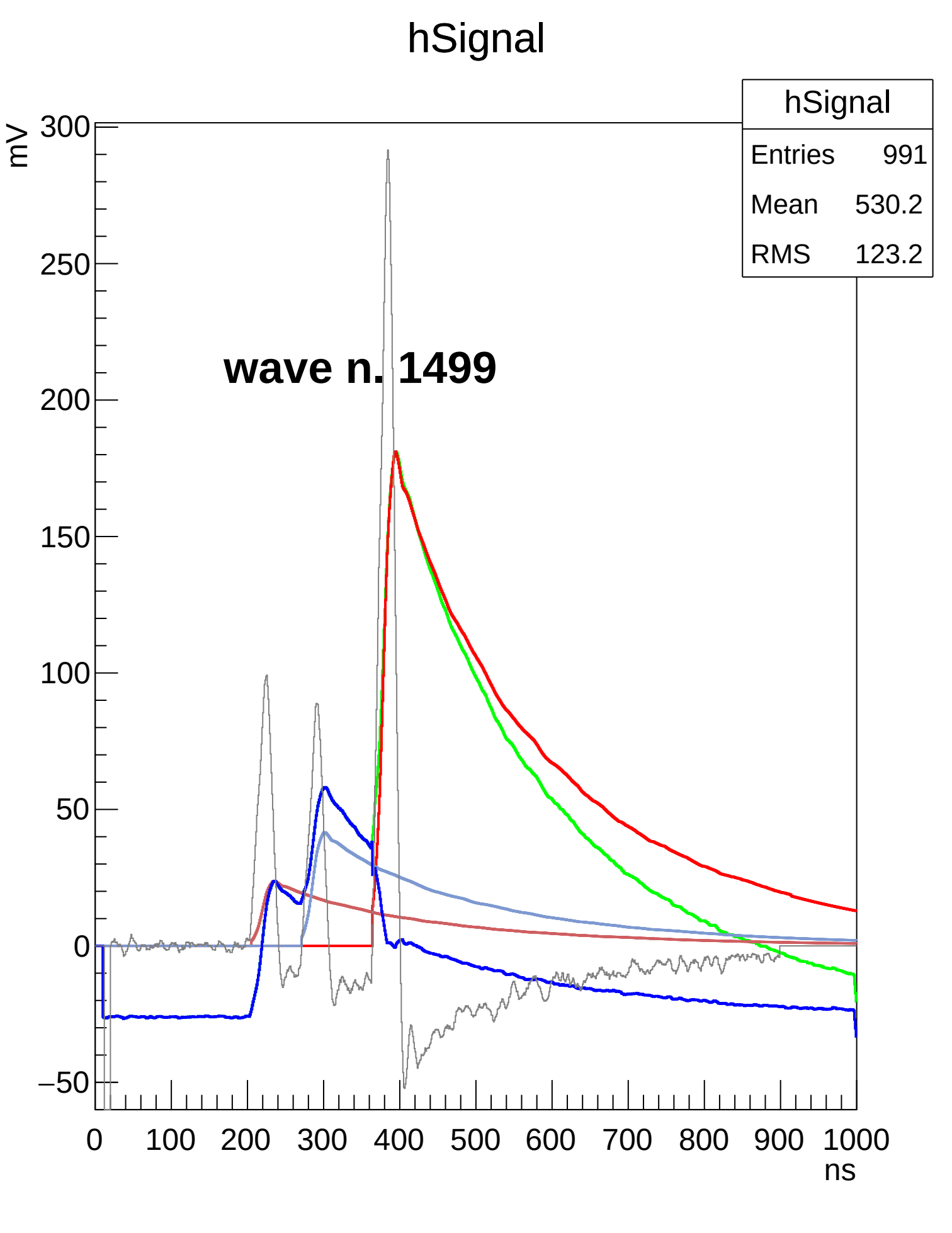
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.2
RMS 123.2
wave n. 1499
mV
300
250
200
150
100
50
0
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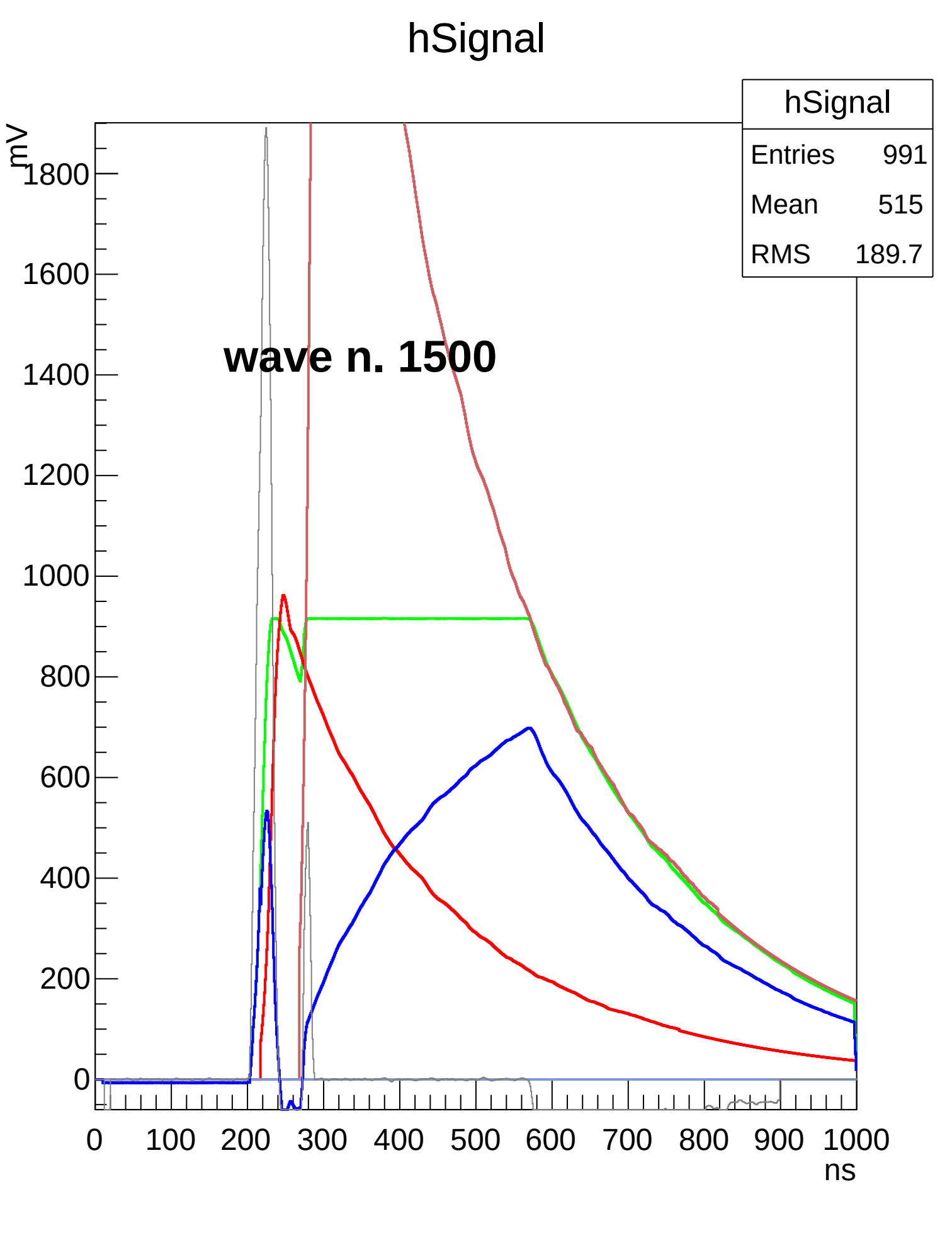
0
100
200
300
400
500
600
700
800
900
1000
ns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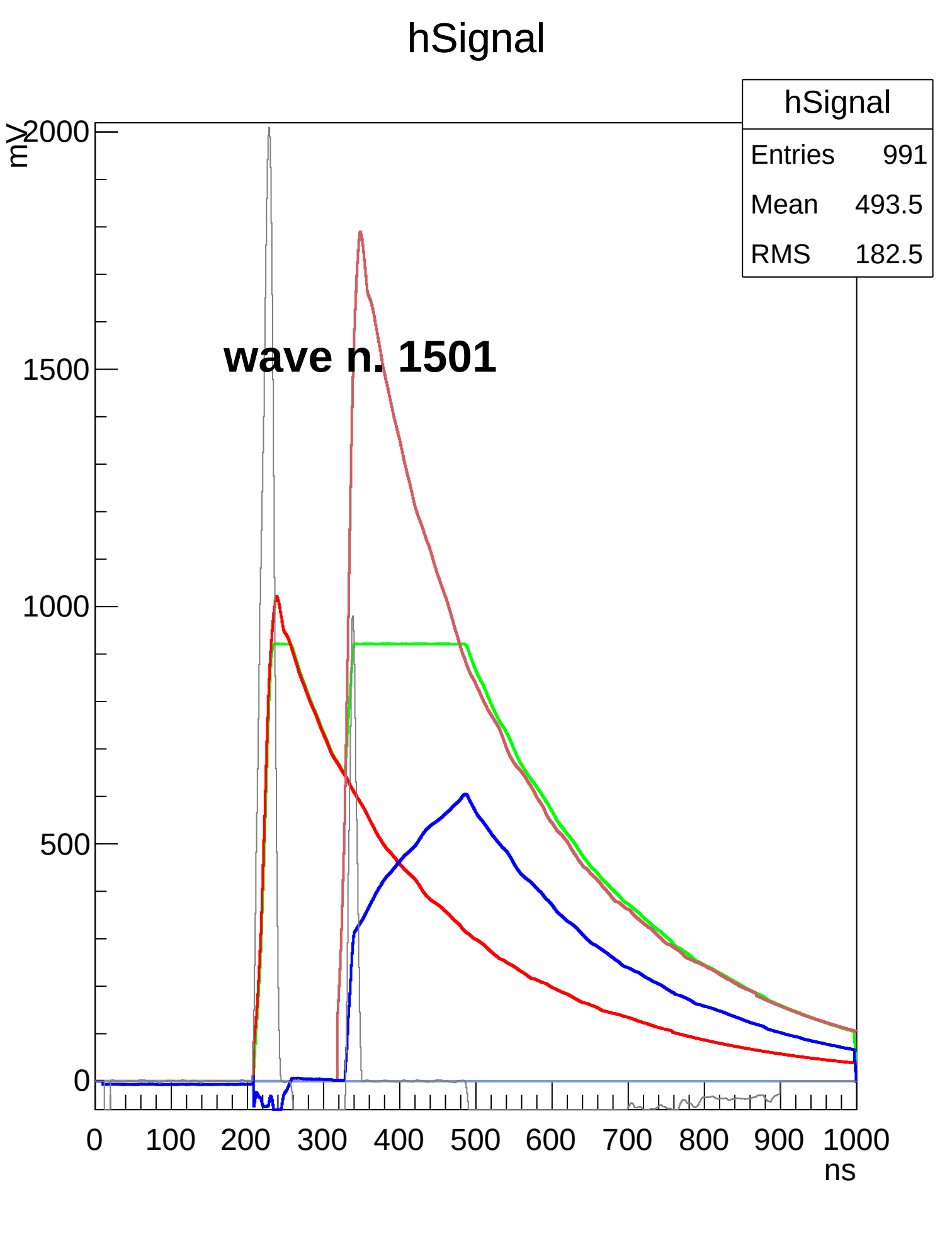
hSignal
Entries 991
Mean 515
RMS 189.7
wave n. 1500
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 493.5
RMS 182.5
wave n. 1501
mV
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1500
1000
500
0
0
100
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400
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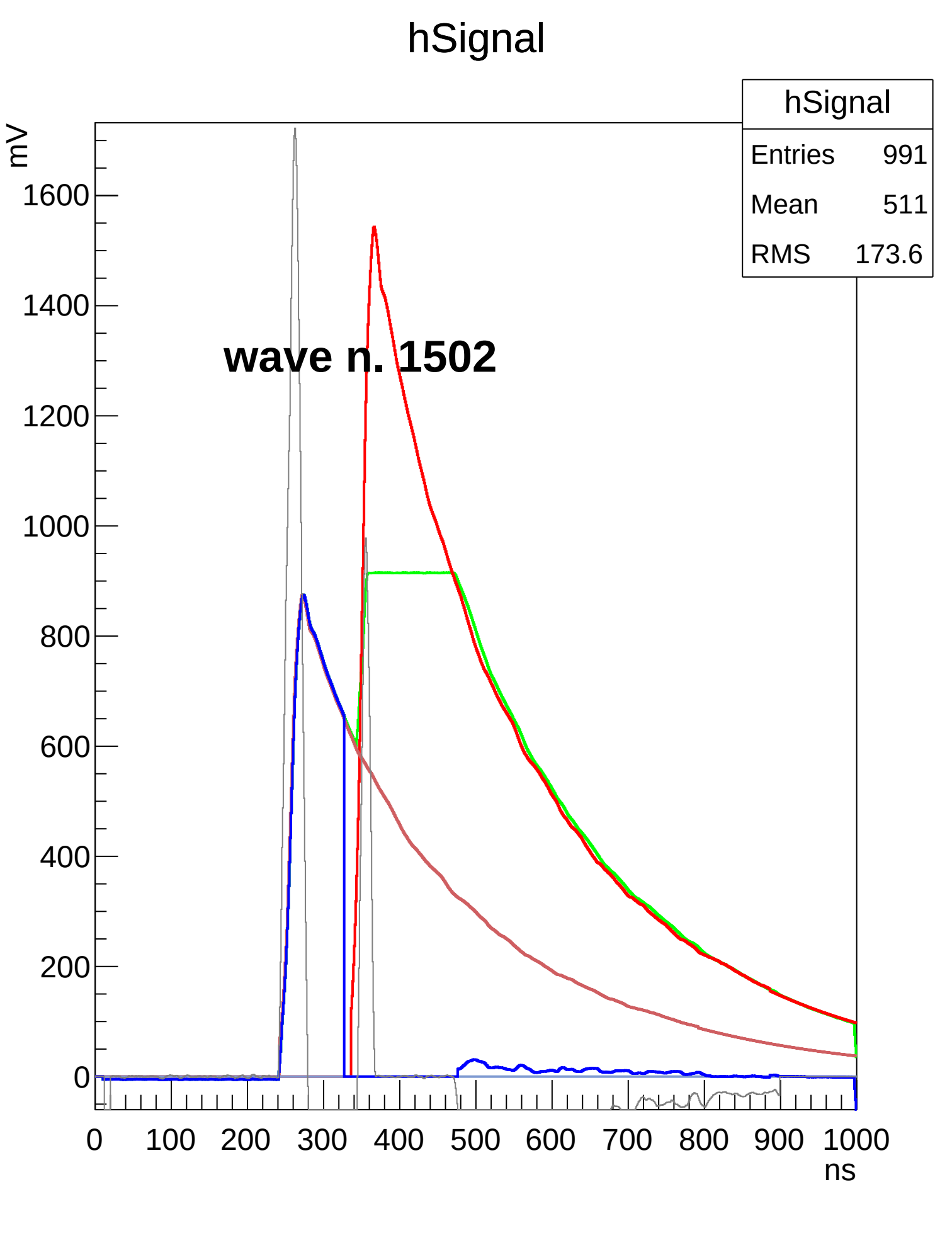
800
900
1000
ns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hSignal
Entries 991
Mean 511
RMS 173.6
wave n. 1502
mV
1600
1400
1200
1000
800
600
400
200
0
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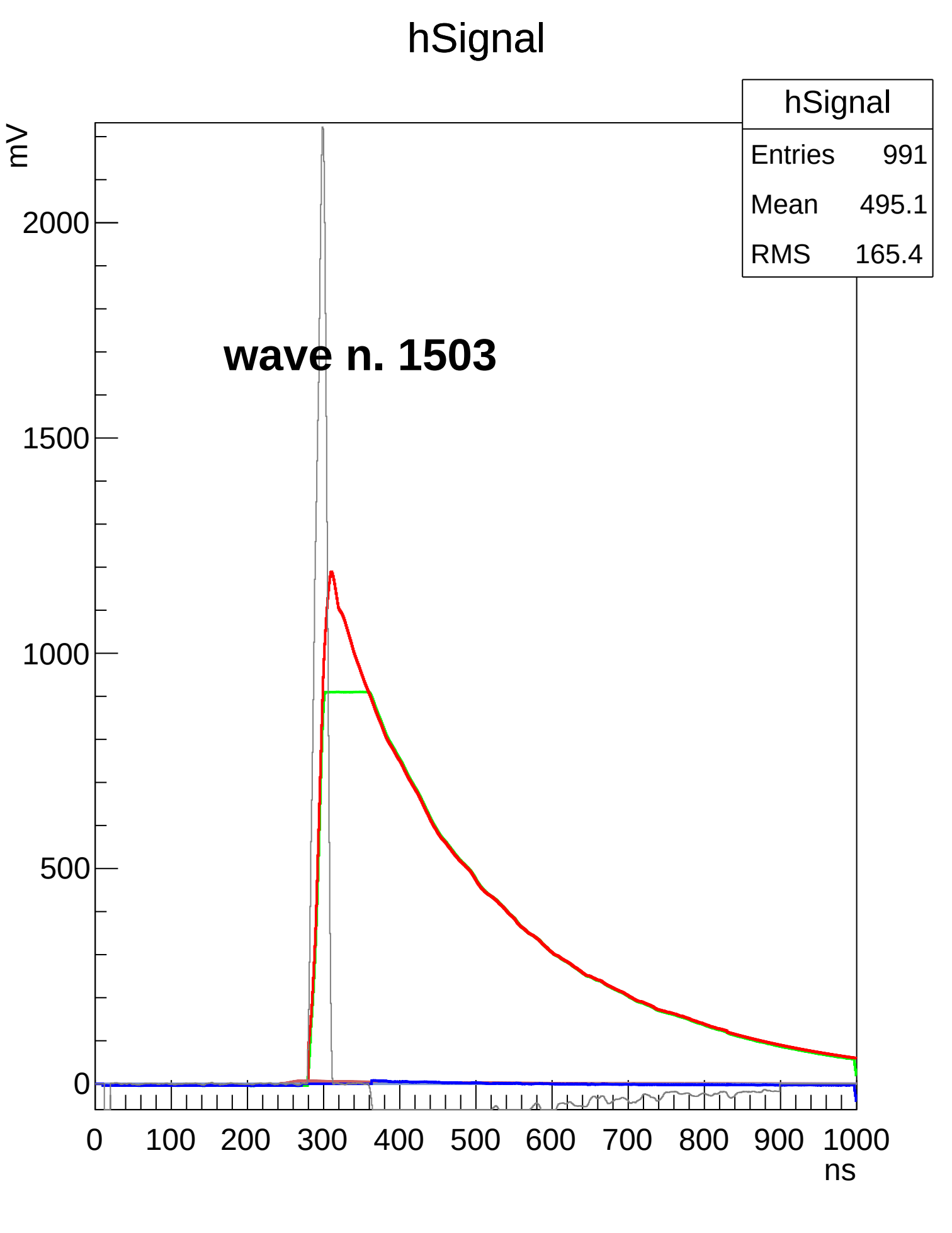
ns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hSignal
Entries 991
Mean 495.1
RMS 165.4
wave n. 1503
mV
2000
1500
1000
500
0
0
100
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400
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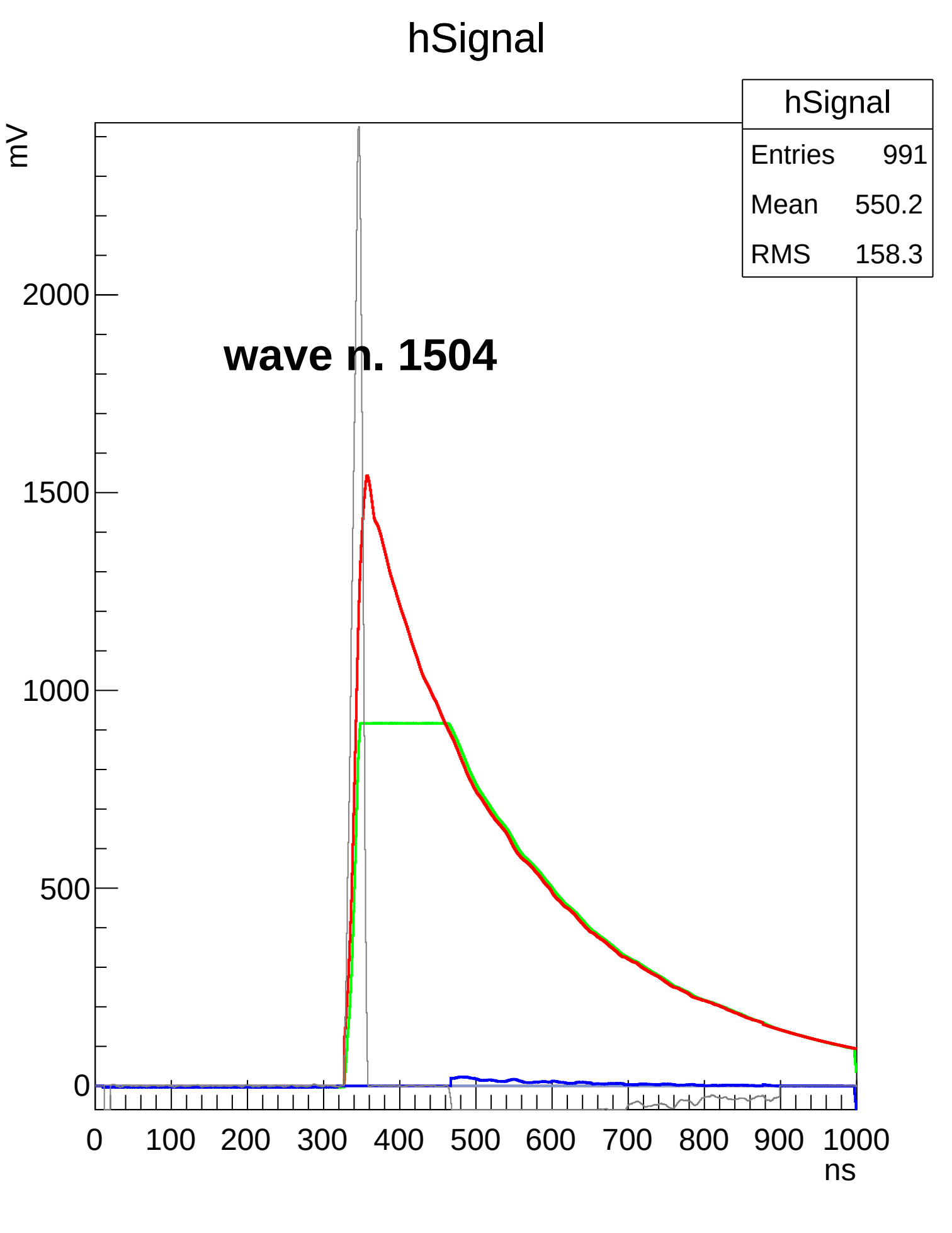
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.2
RMS 158.3
wave n. 1504
mV
2000
1500
1000
500
0
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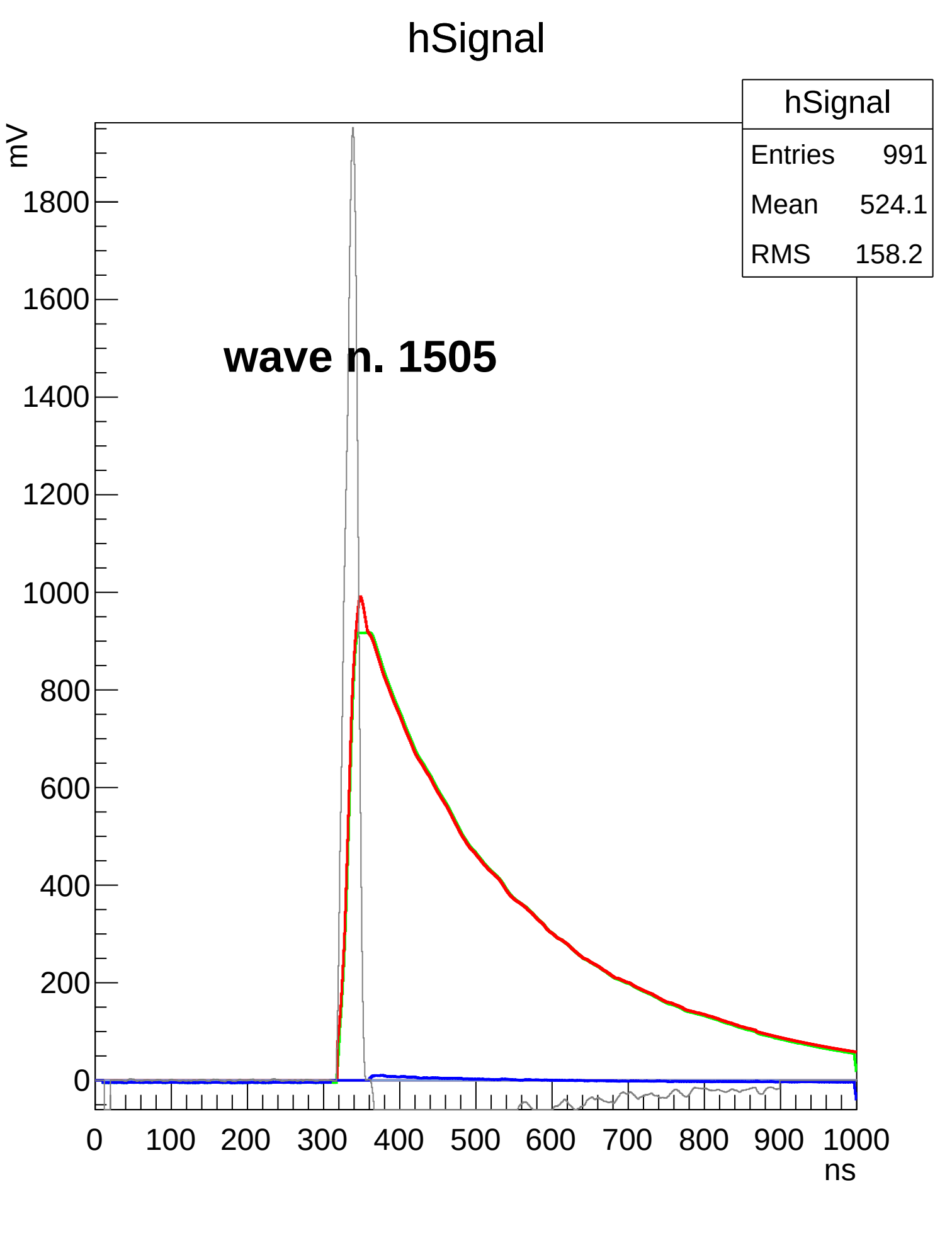
ns


hSignal
hSignal
Entries 991
Mean 524.1
RMS 158.2
wave n. 1505
mV
1800
1600
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400
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800
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1000
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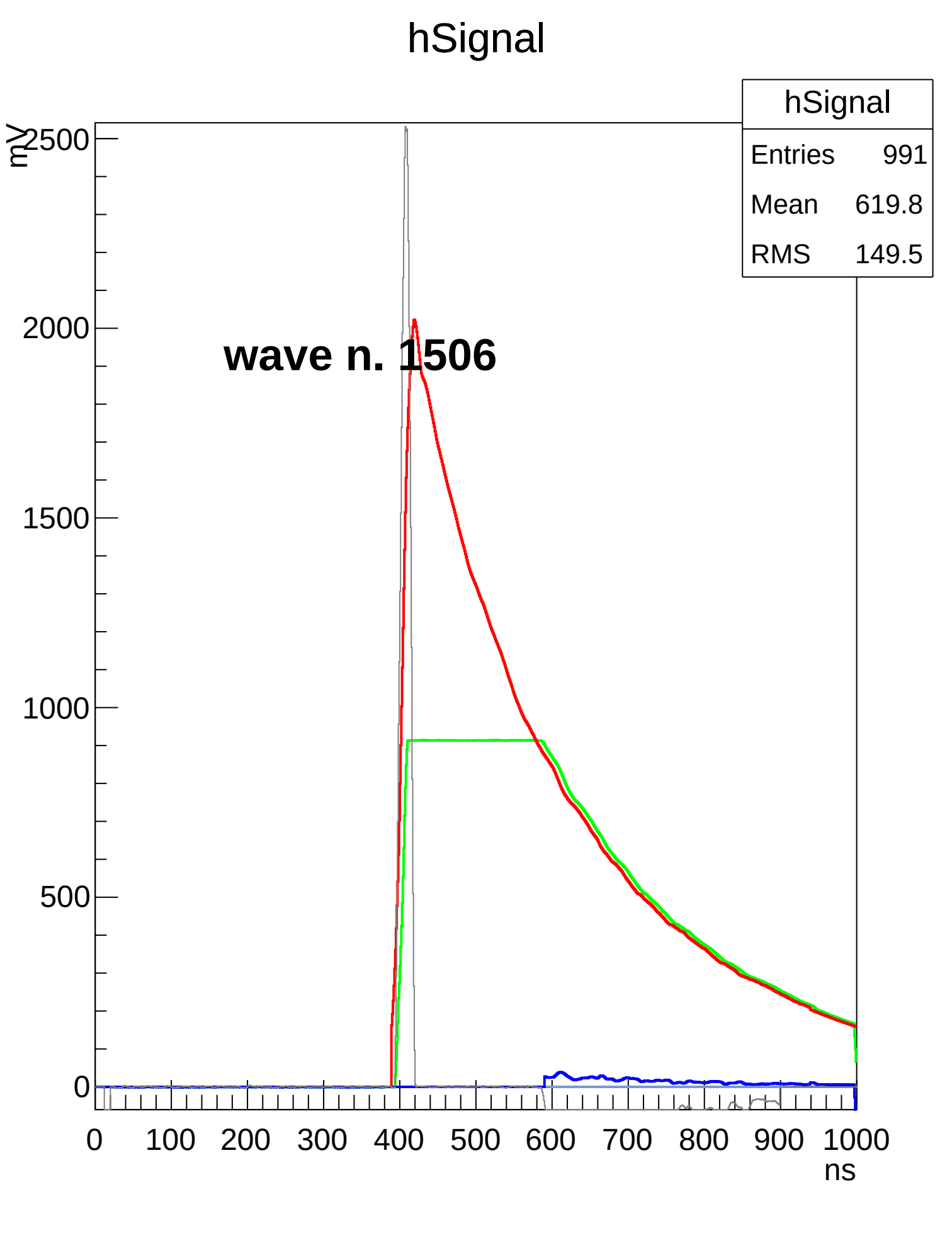
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hSignal
Entries 991
Mean 619.8
RMS 149.5
wave n. 1506
mV
2500
2000
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1000
500
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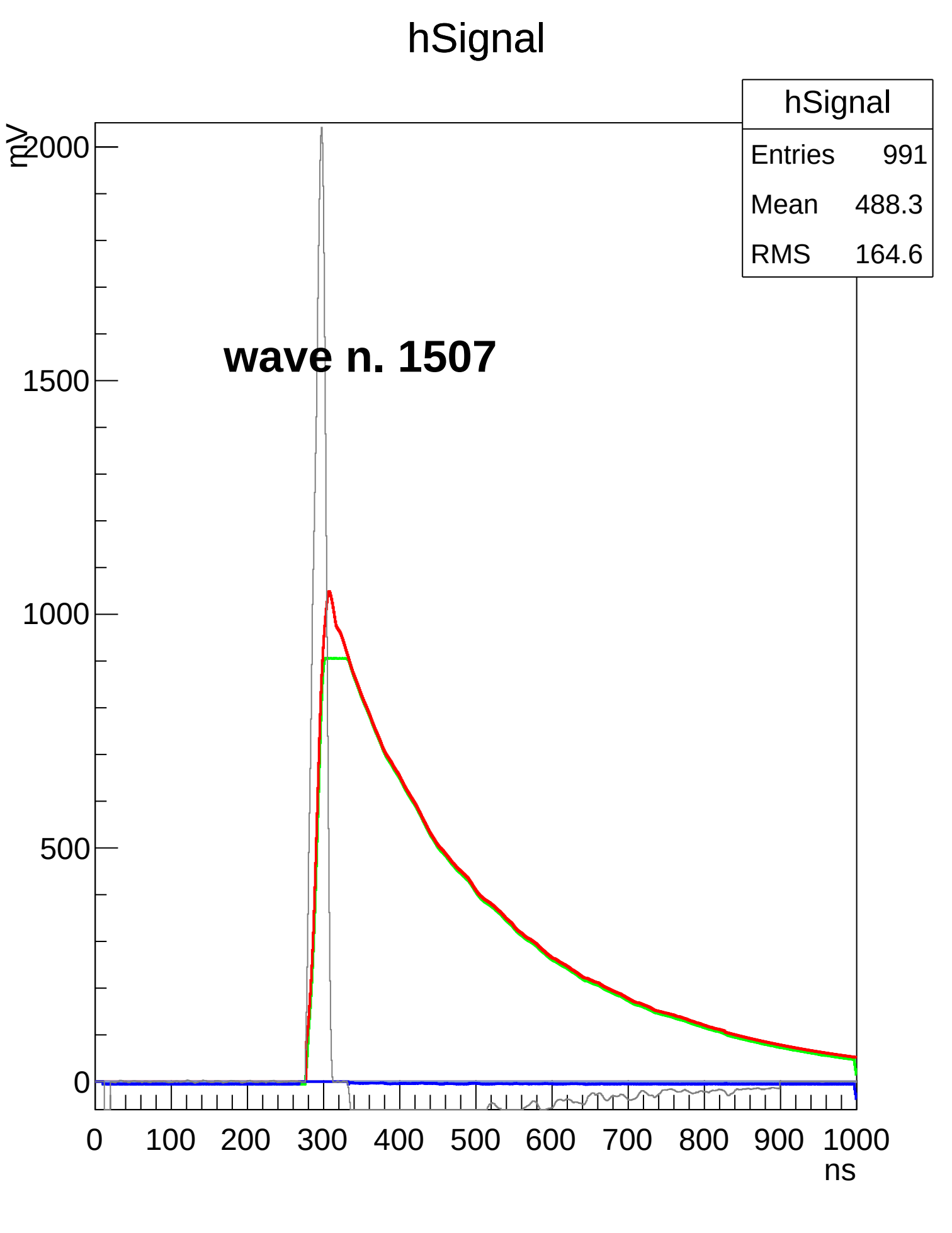
ns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hSignal
Entries 991
Mean 488.3
RMS 164.6
wave n. 1507
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1500
1000
500
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0
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400
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600
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800
900
1000
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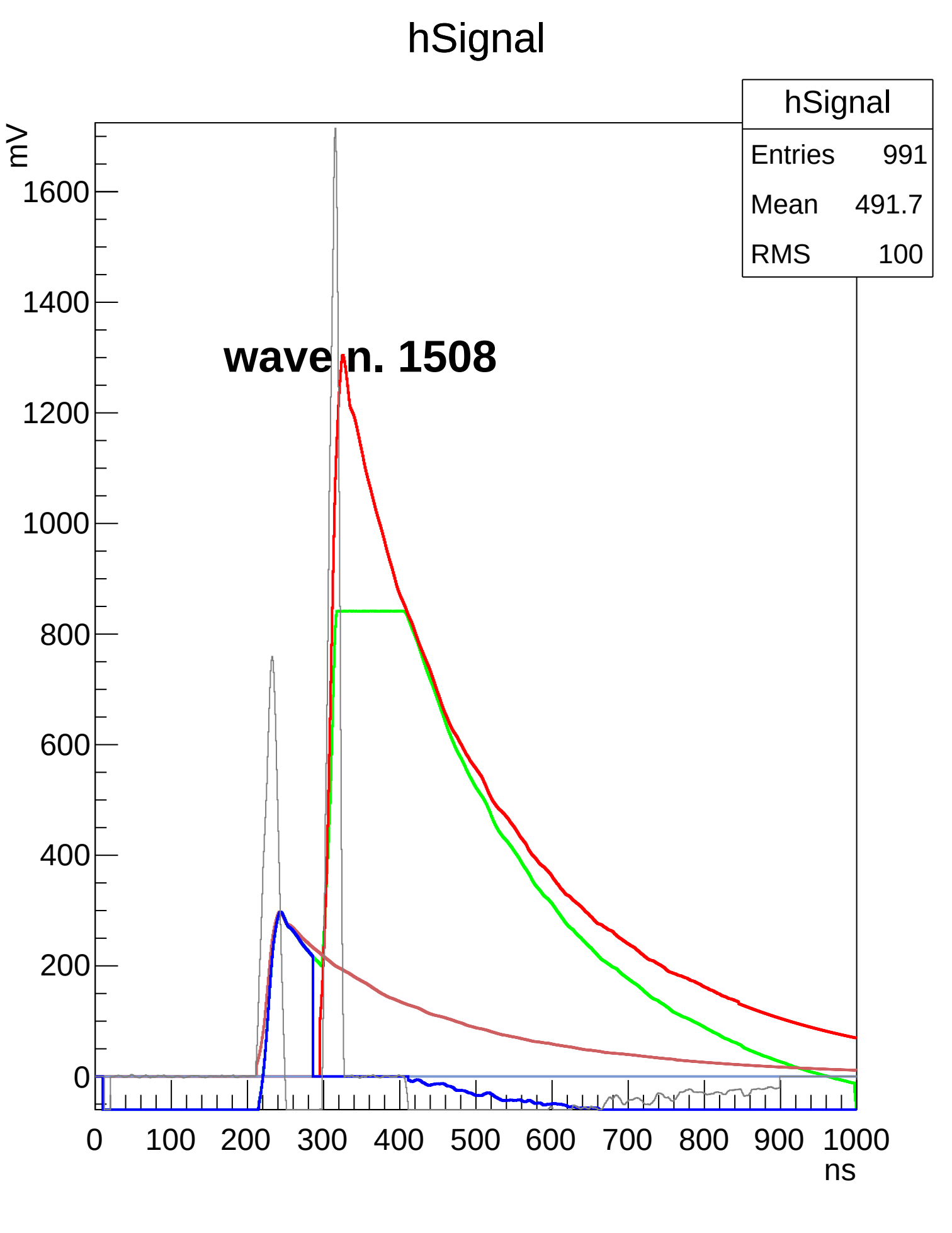
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hSignal
Entries 991
Mean 491.7
RMS 100
wave n. 1508
mV
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600
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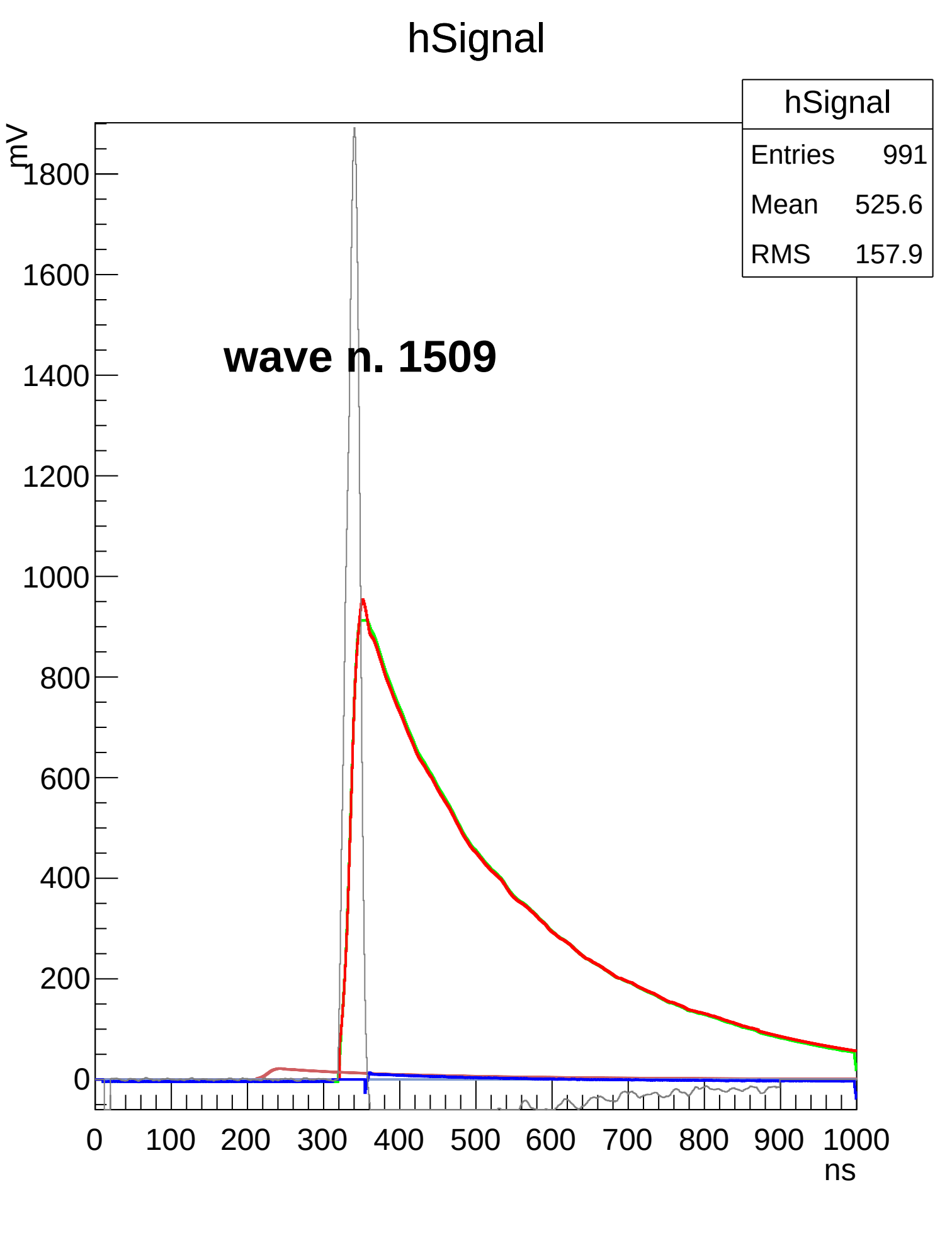
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hSignal
Entries 991
Mean 525.6
RMS 157.9
wave n. 1509
mV
1800
1600
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1000
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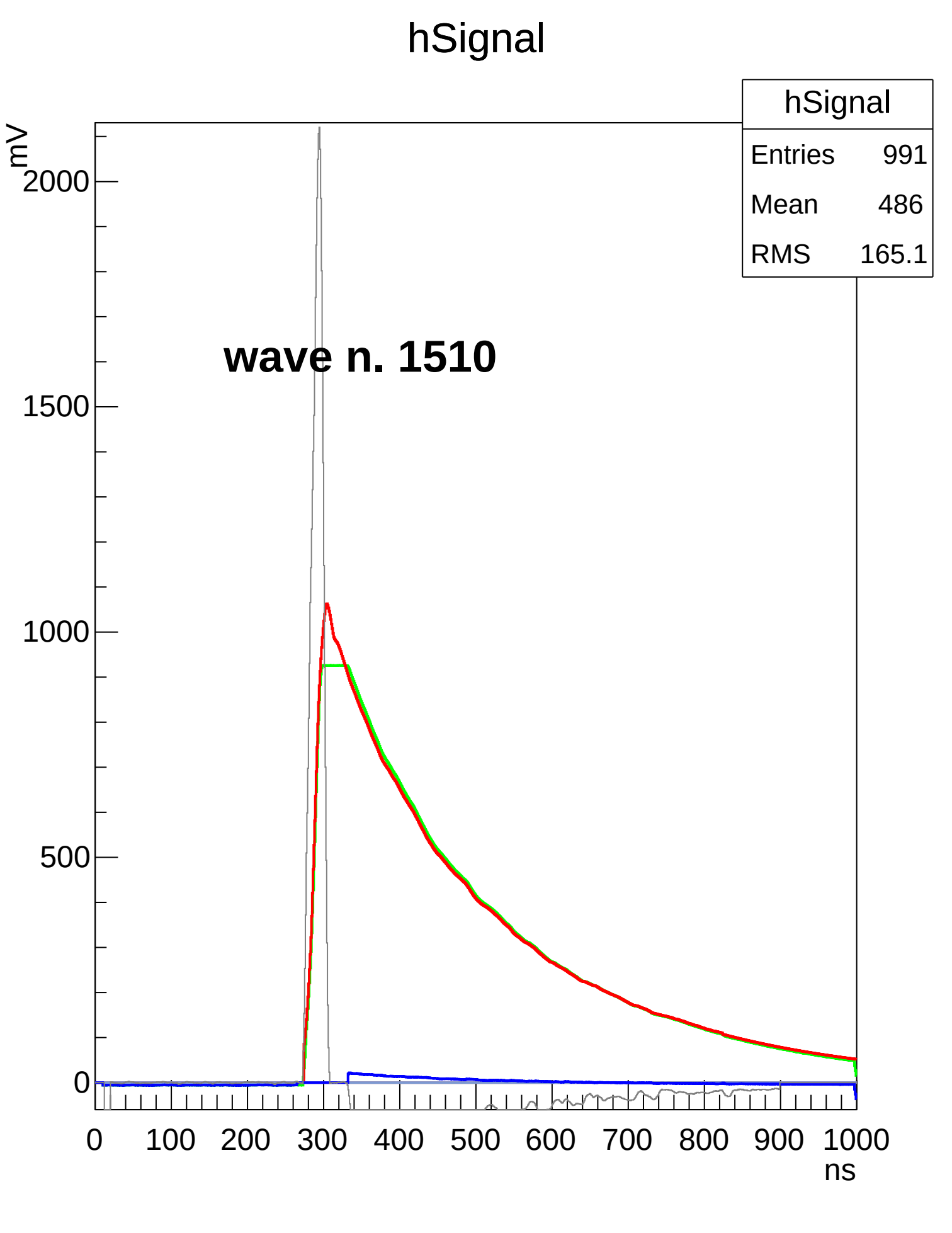
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Entries 991
Mean 486
RMS 165.1
wave n. 1510
mV
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1000
500
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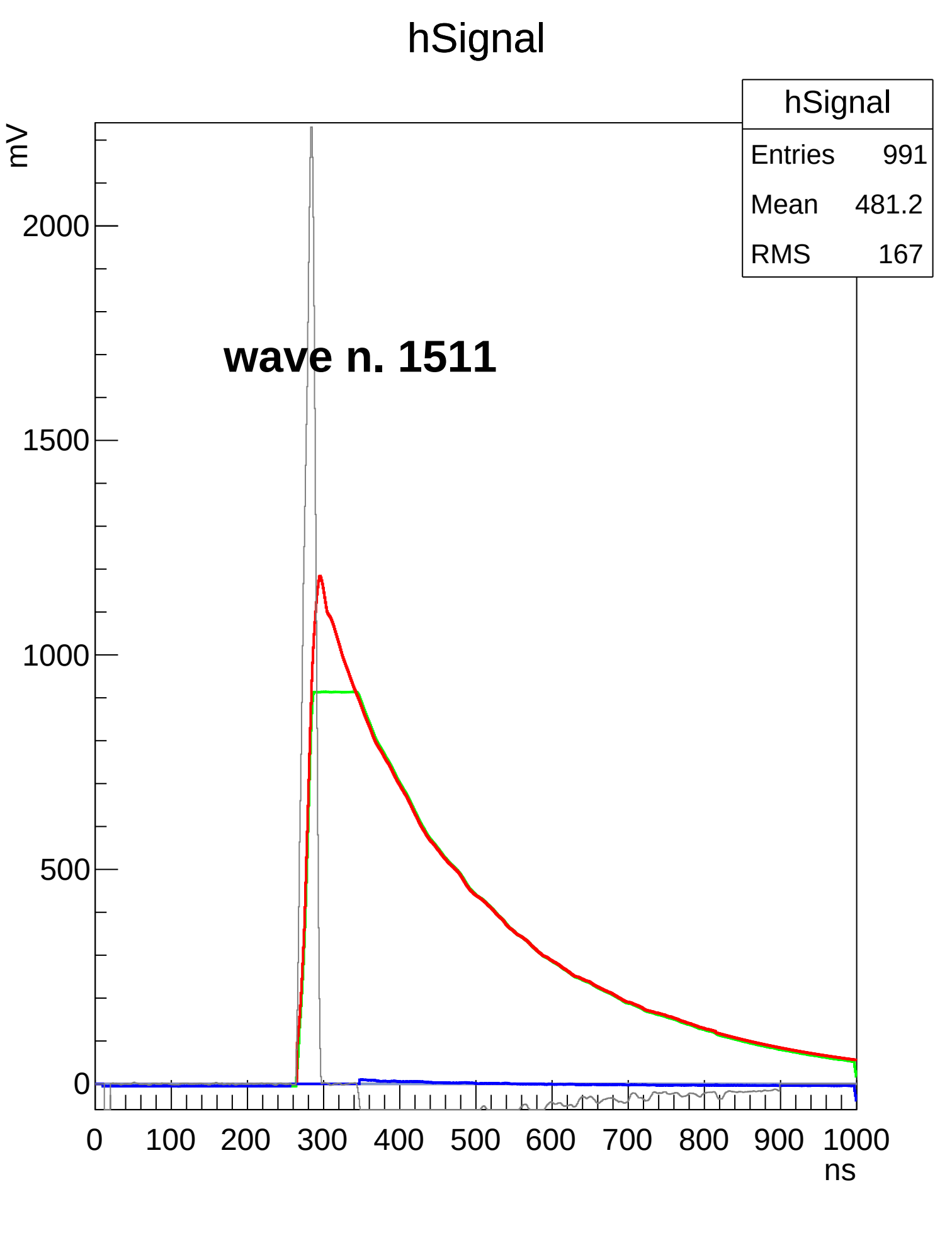
ns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Entries 991
Mean 481.2
RMS 167
wave n. 1511
mV
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800
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1000
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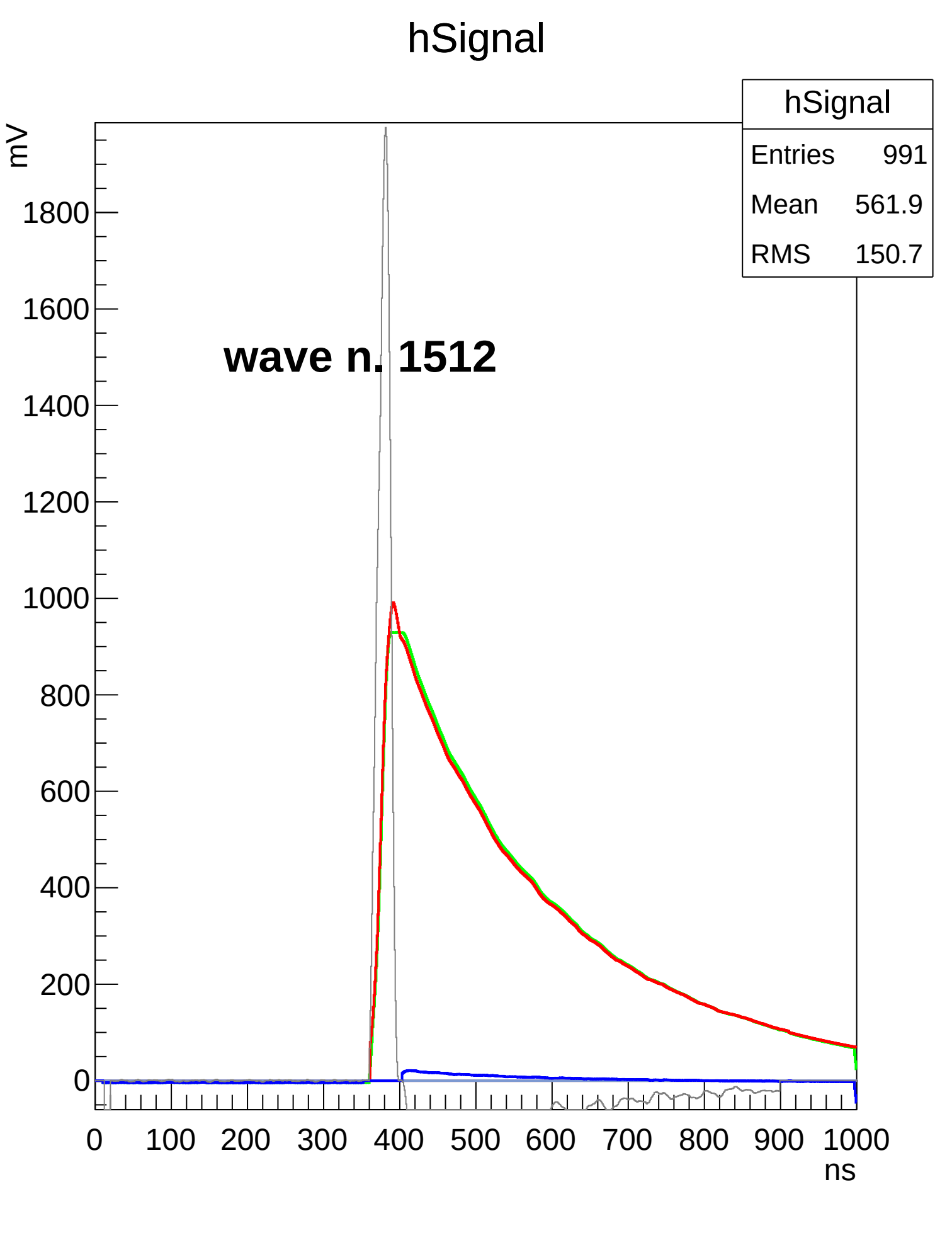
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Entries 991
Mean 561.9
RMS 150.7
wave n. 1512
mV
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1000
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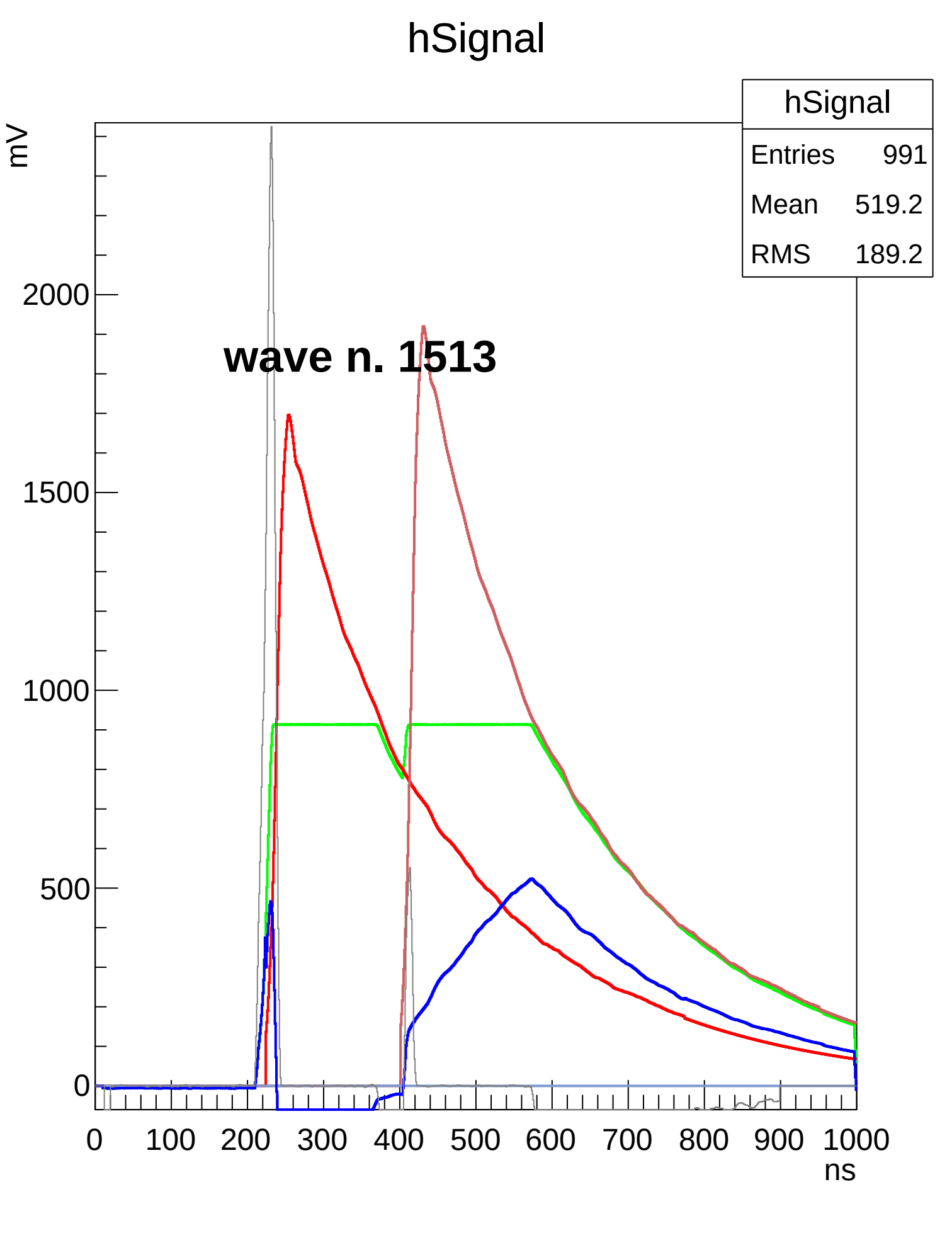
hSignal
hSignal
Entries 991
Mean 519.2
RMS 189.2
wave n. 1513
mV
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1000
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1000
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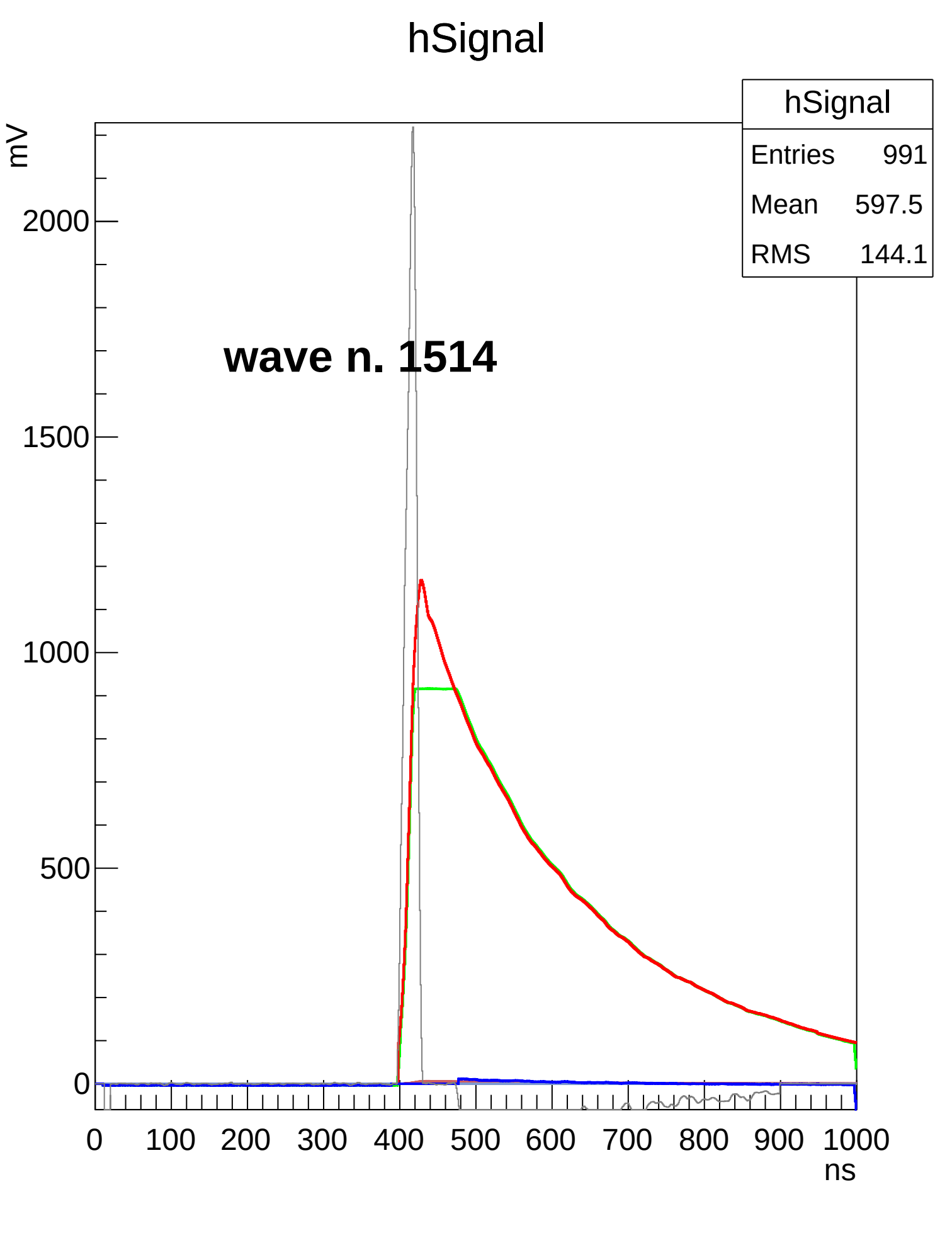
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Entries 991
Mean 597.5
RMS 144.1
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1000
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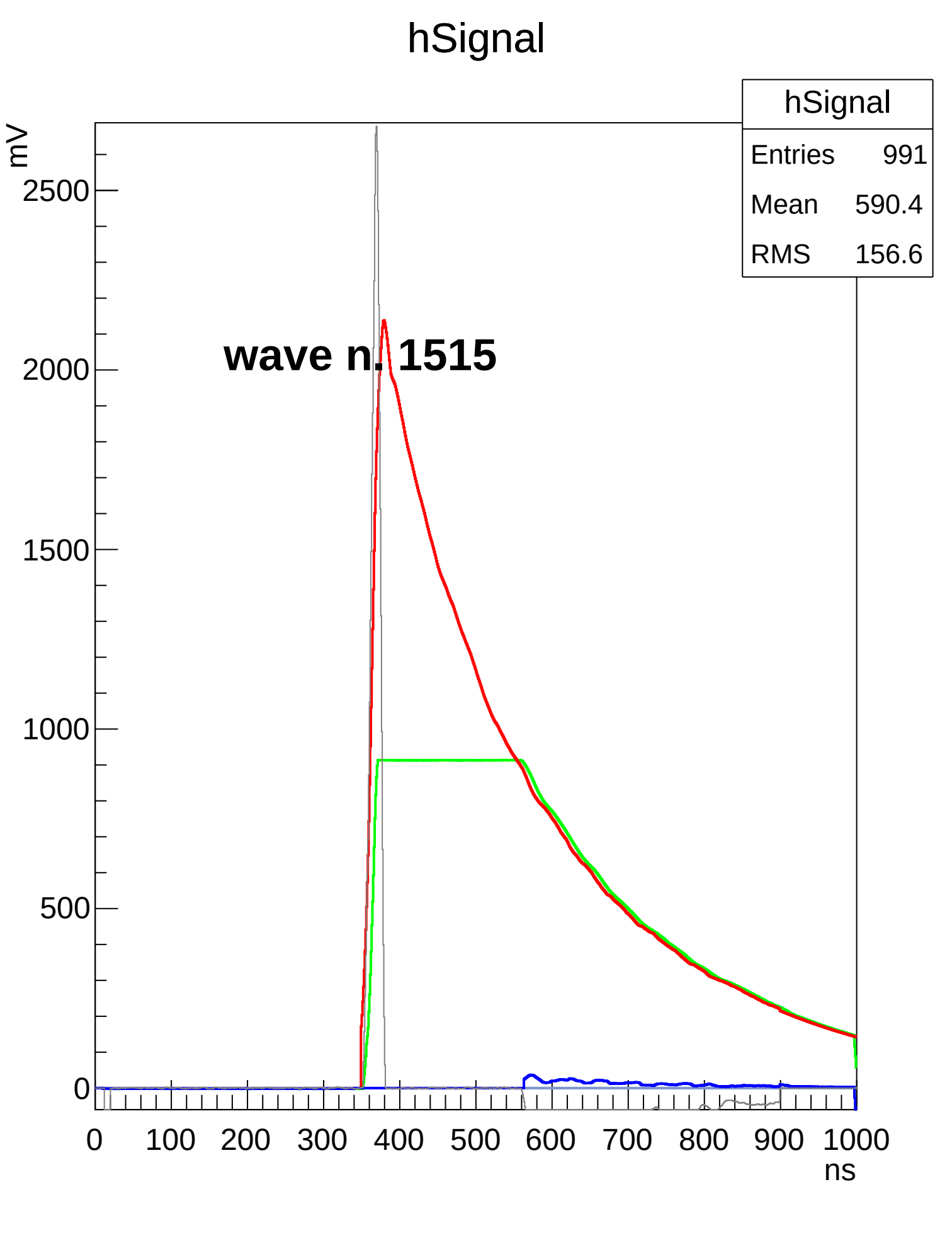
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Entries 991
Mean 590.4
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wave n. 1515
mV
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1000
500
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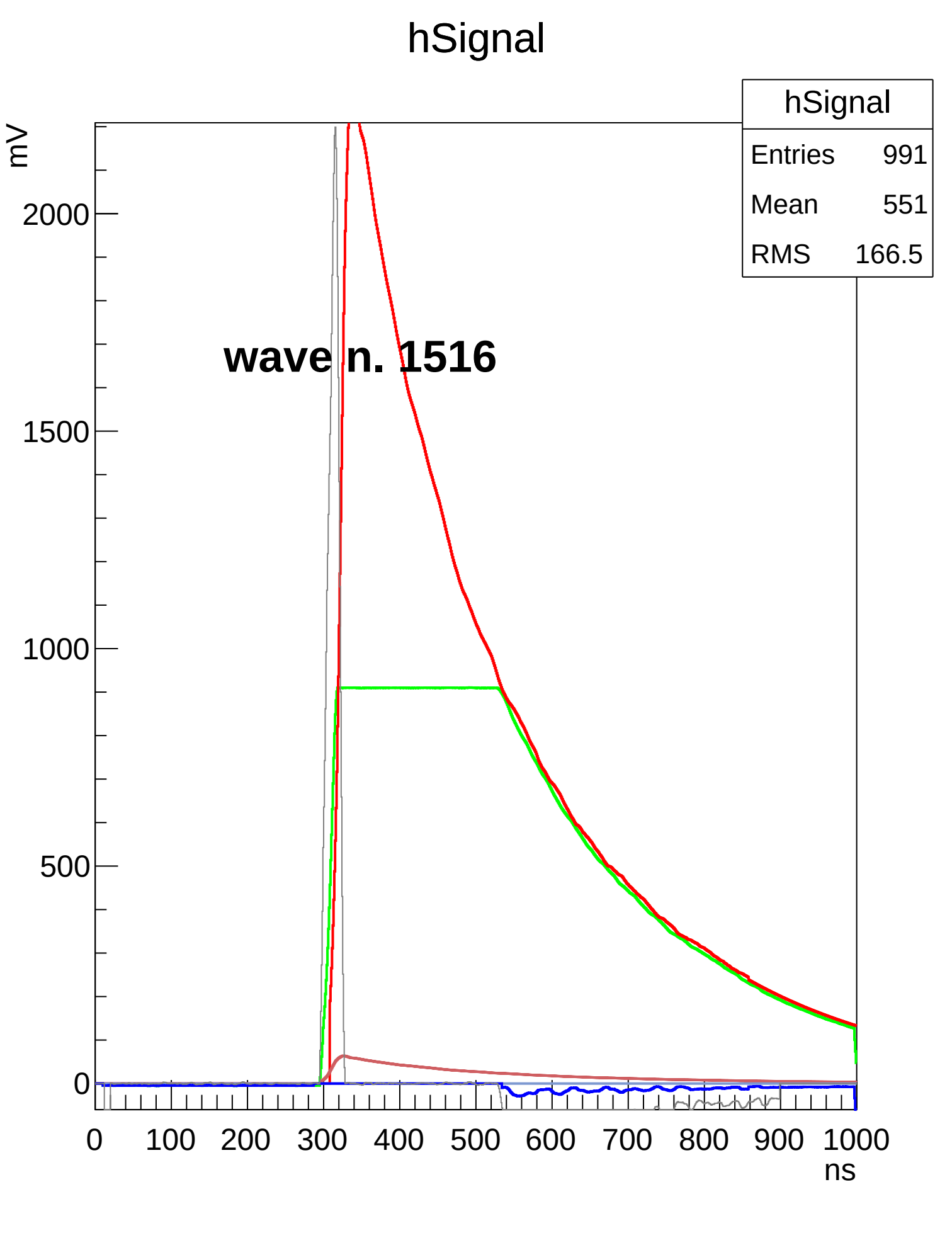
ns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hSignal
Entries 991
Mean 551
RMS 166.5
wave n. 1516
mV
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1000
500
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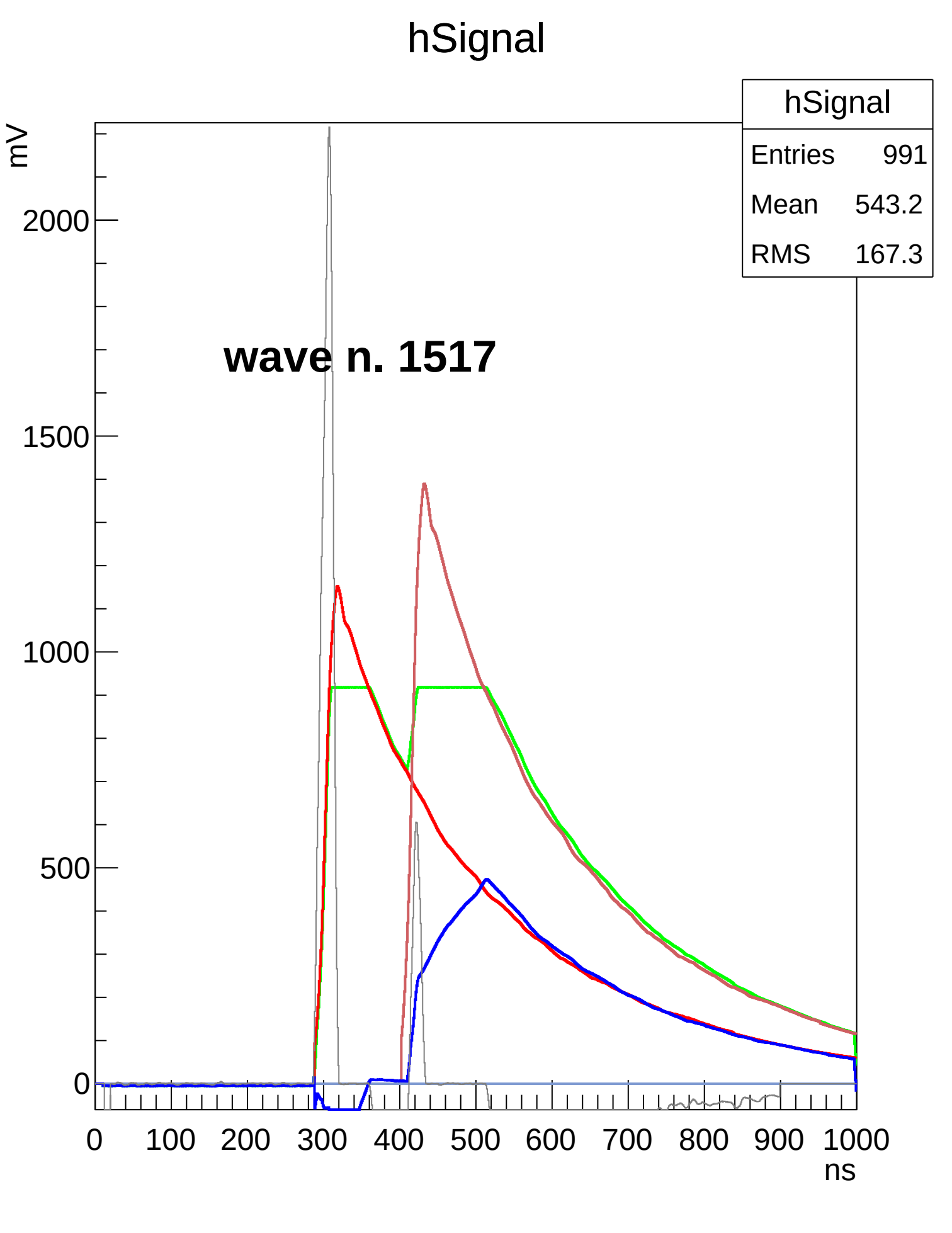
ns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hSignal
Entries 991
Mean 543.2
RMS 167.3
wave n. 1517
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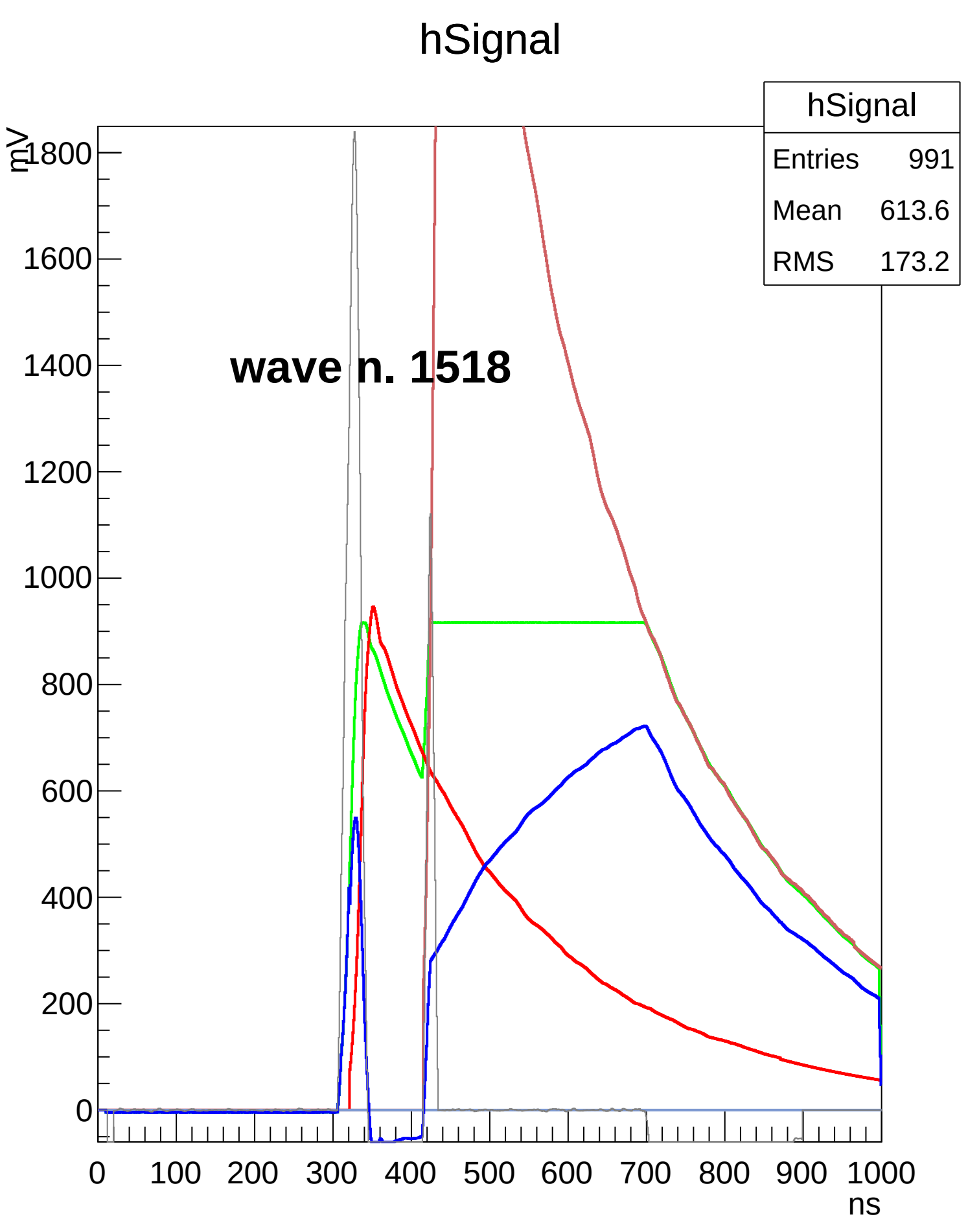
1000
ns


hSignal
hSignal
Entries 991
Mean 613.6
RMS 173.2
wave n. 1518
mV
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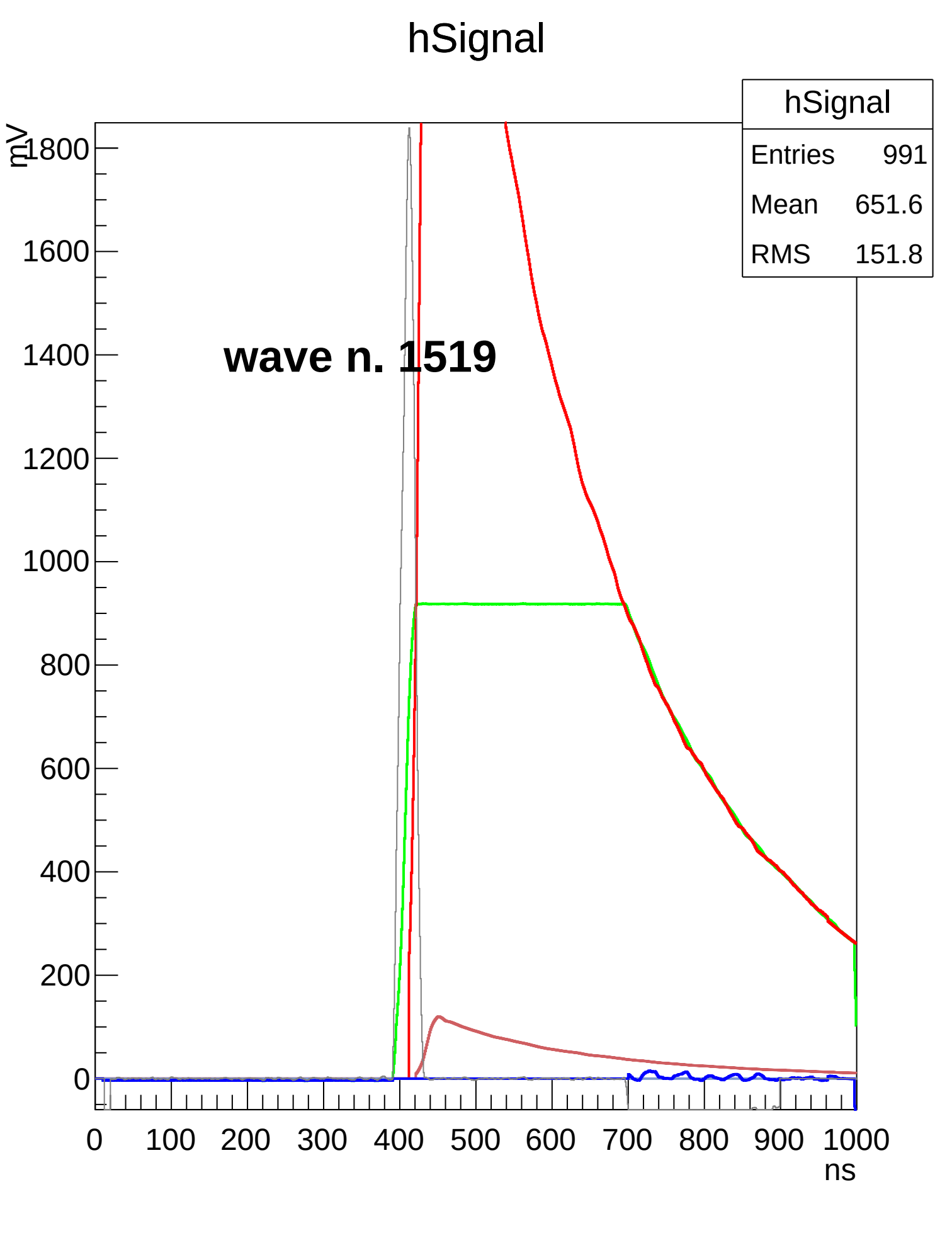
1000
ns


hSignal
hSignal
Entries 991
Mean 651.6
RMS 151.8
wave n. 1519
mV
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1600
1400
1200
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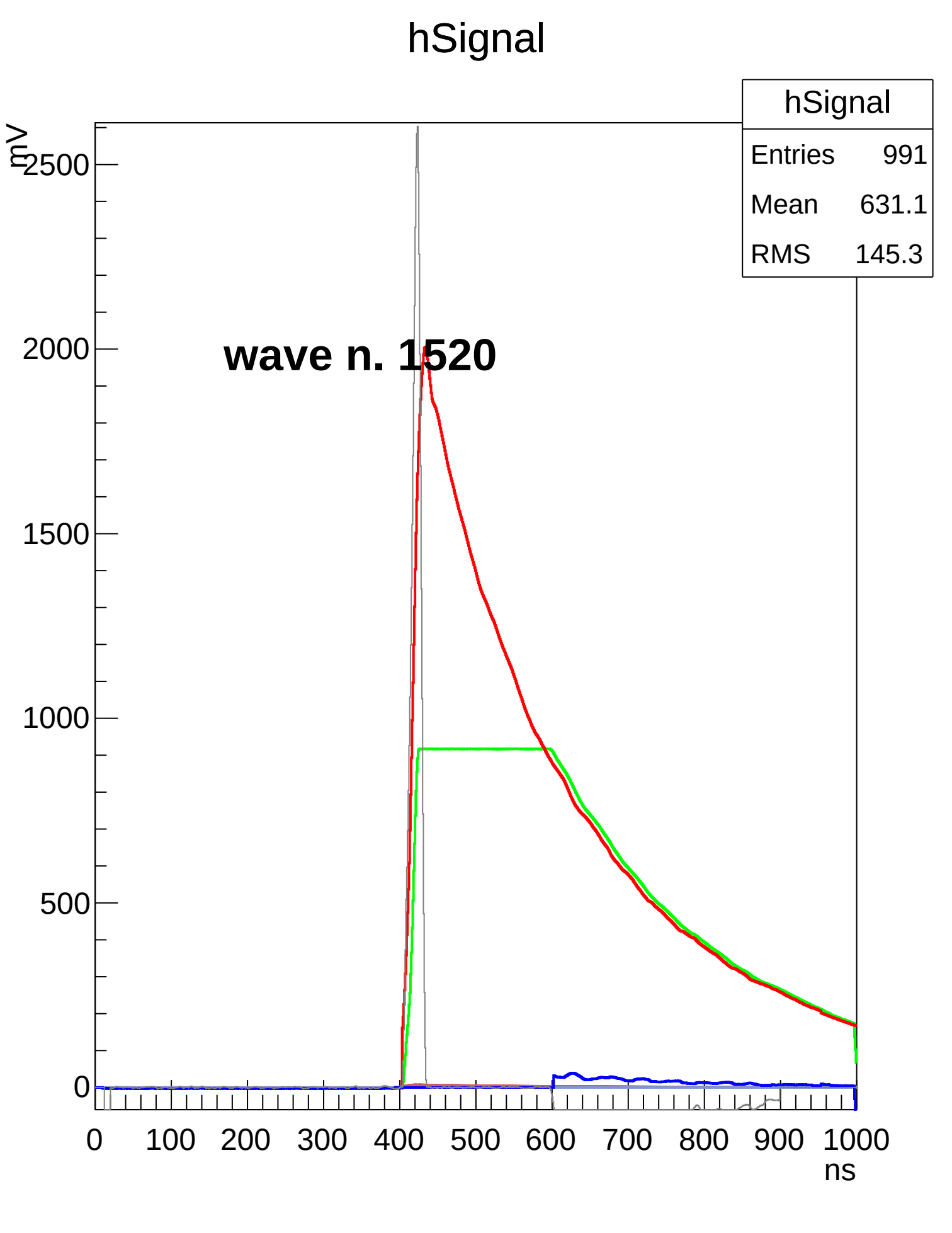
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 631.1
RMS 145.3
wave n. 1520
mV
2500
2000
1500
1000
500
0
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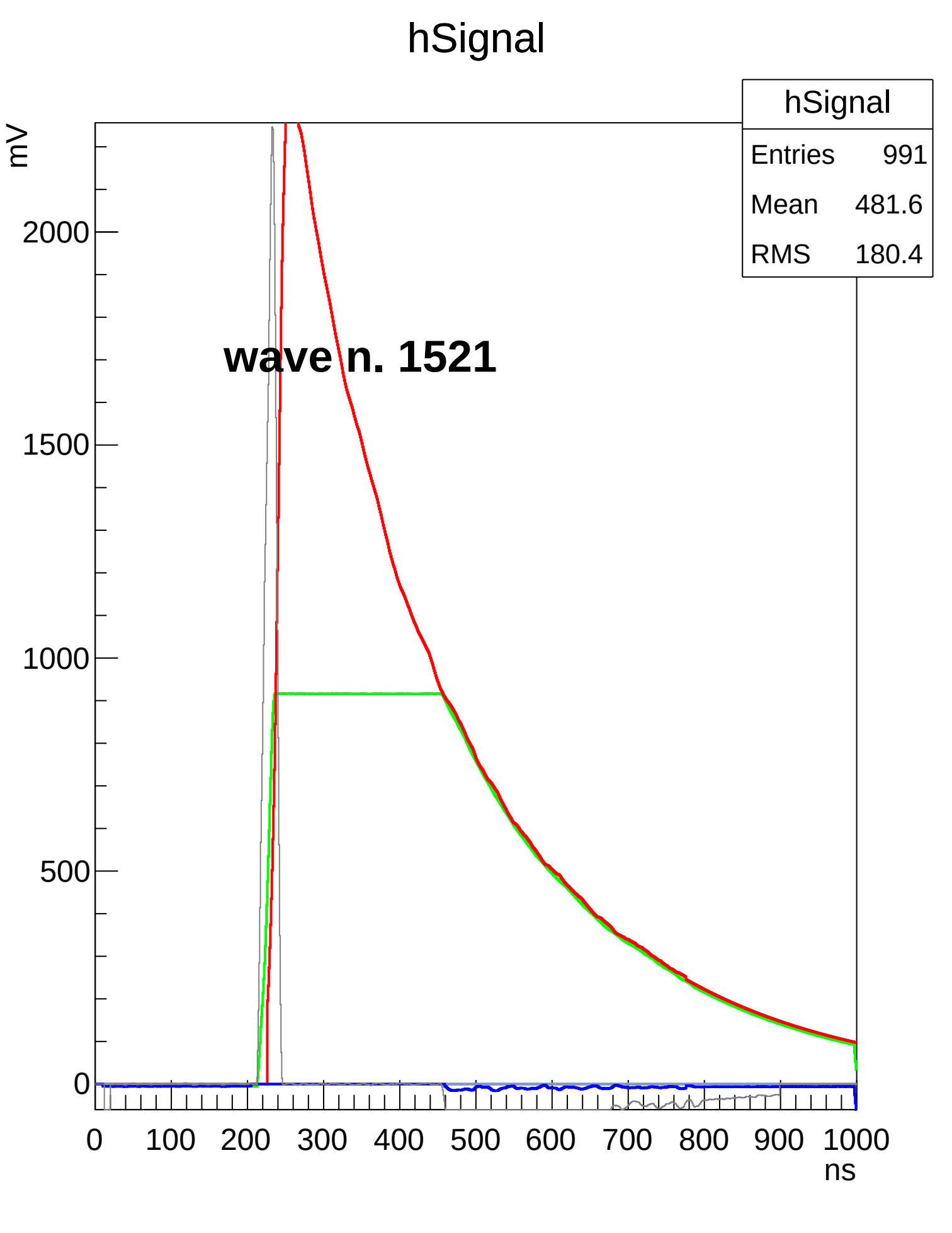
ns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Mean 481.6
RMS 180.4
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400
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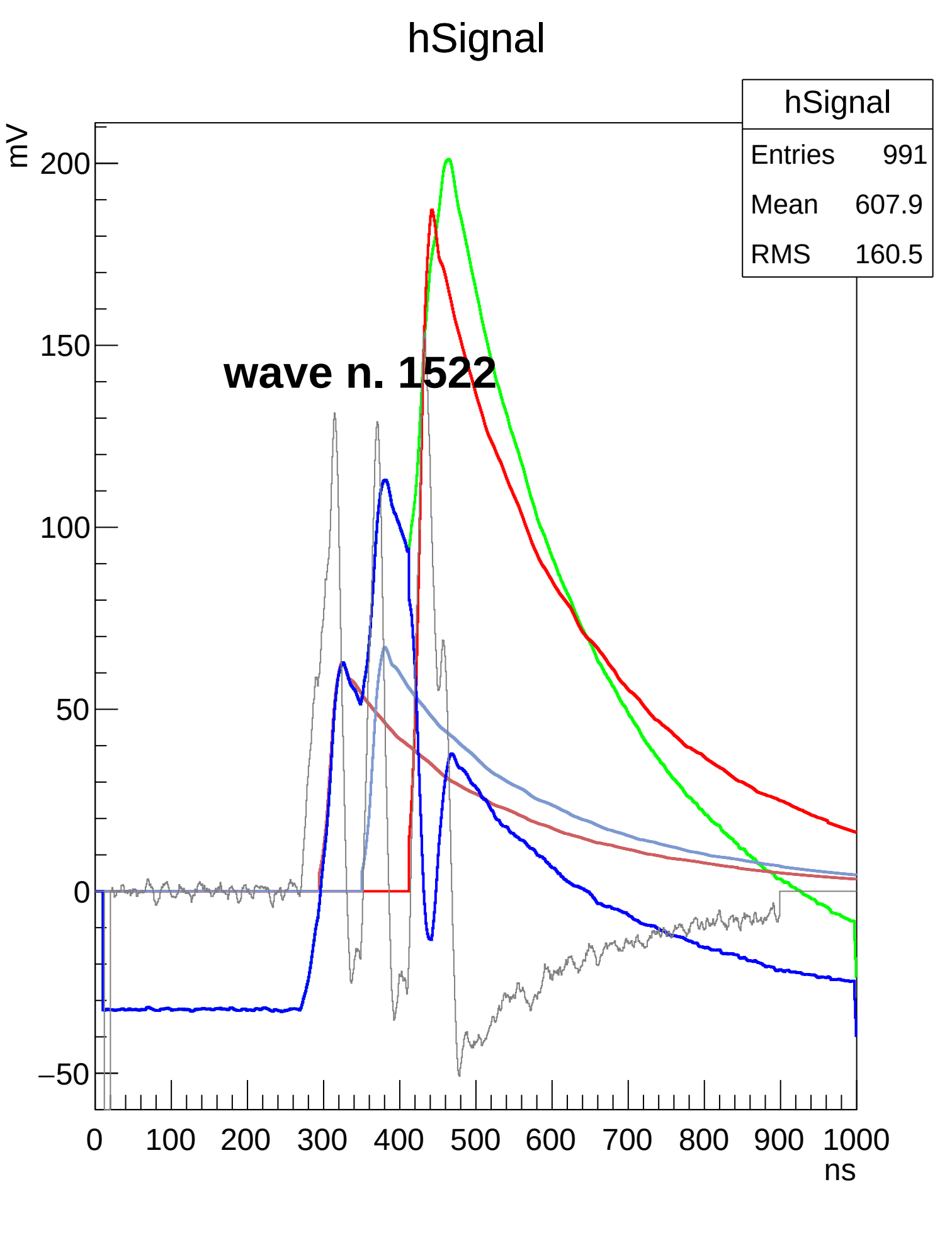
800
900
1000
ns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hSignal
Entries 991
Mean 607.9
RMS 160.5
wave n. 1522
mV
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150
100
50
0
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0
100
200
300
400
500
600
700
800
900
1000
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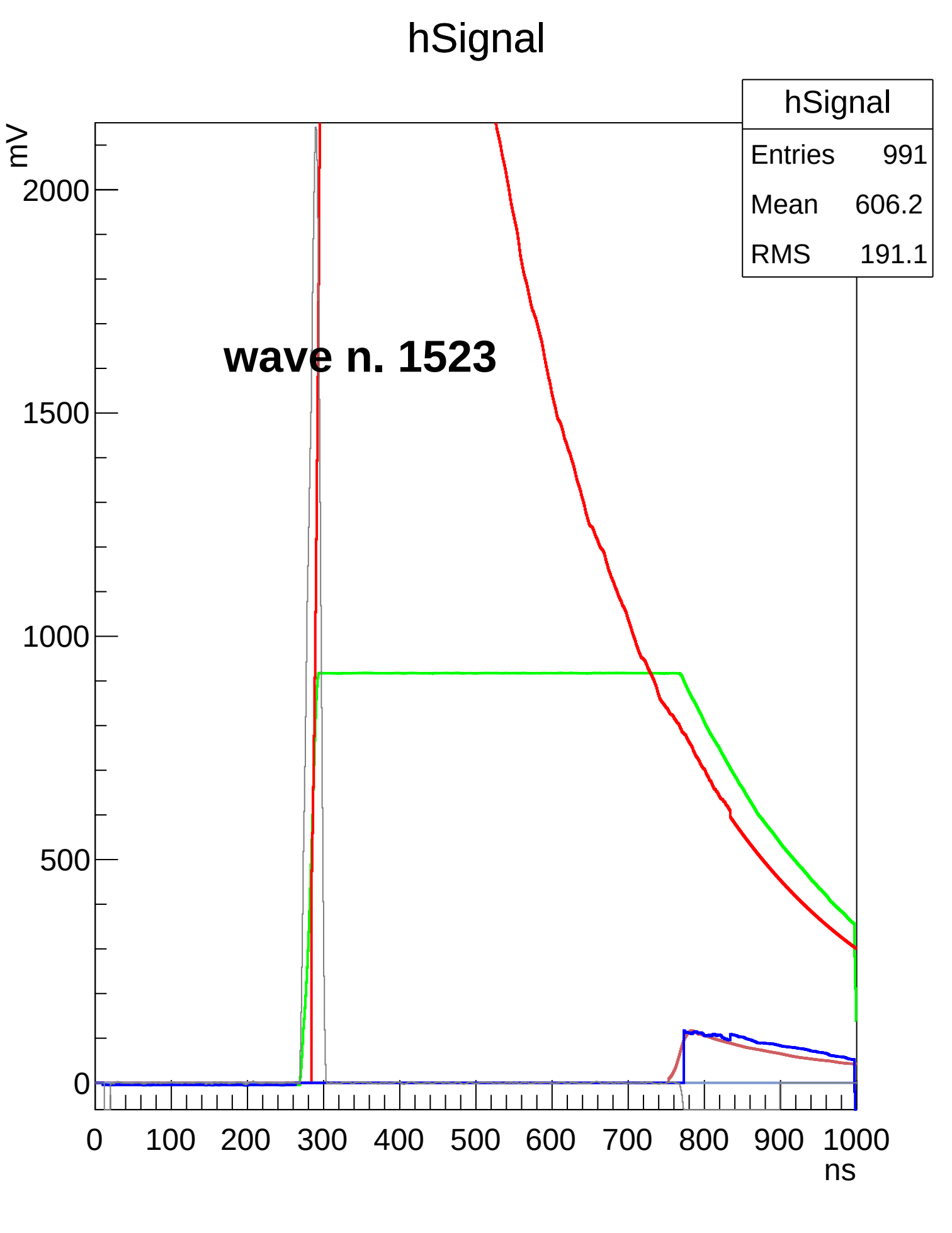
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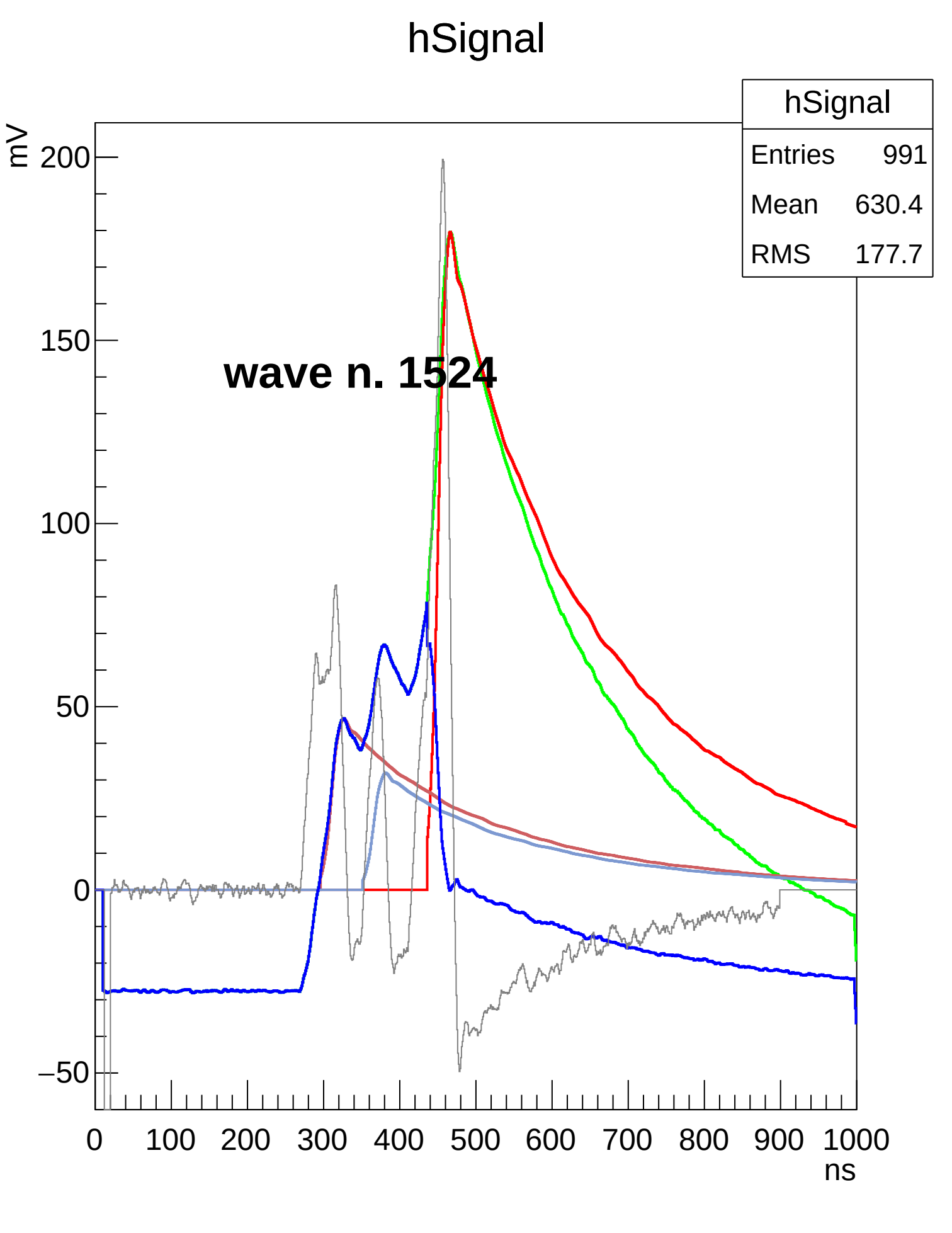
Mean 606.2
RMS 191.1
wave n. 1523
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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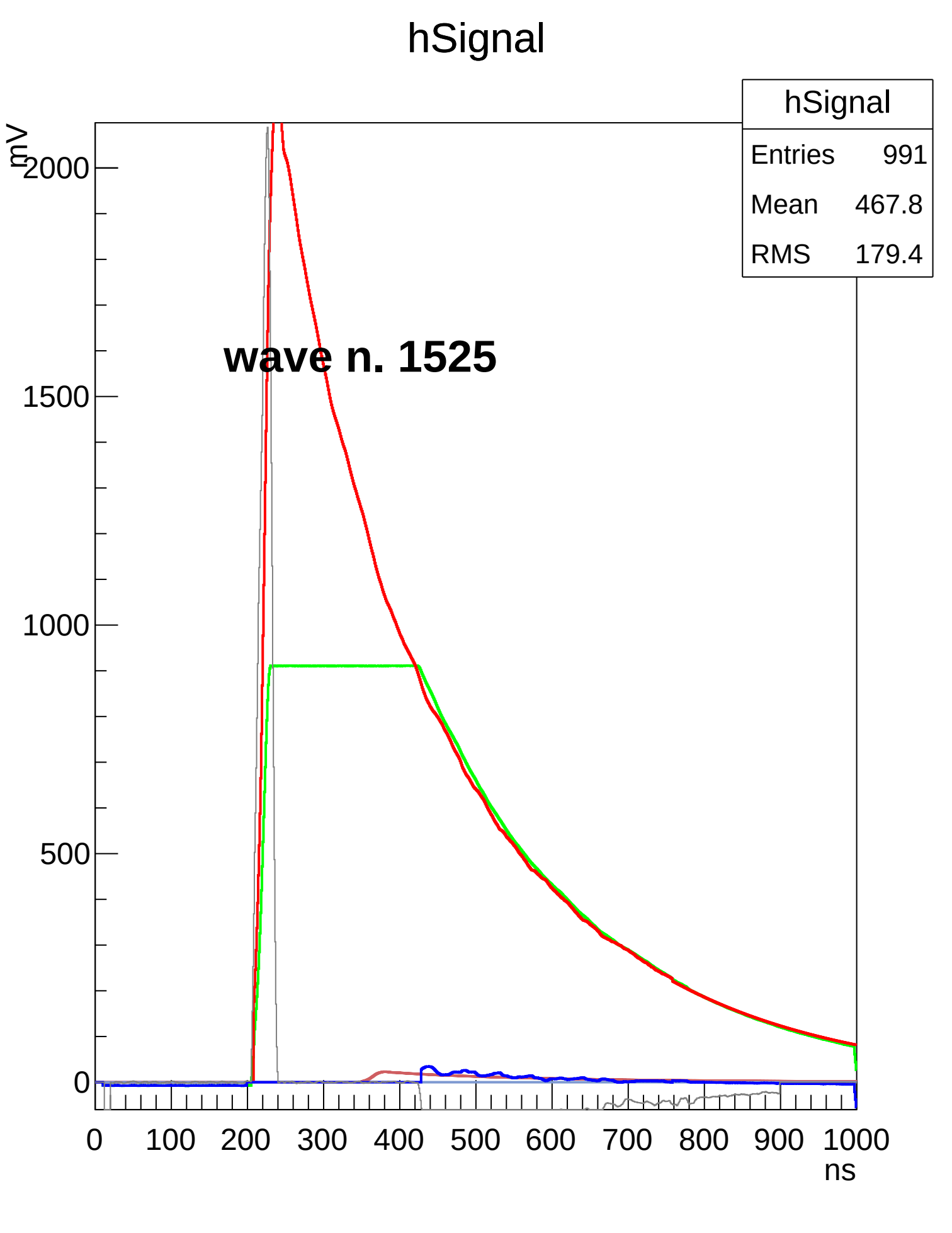
hSignal
Entries 991
Mean 630.4
RMS 177.7
wave n. 1524
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns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Mean 467.8
RMS 179.4
wave n. 1525
mV
2000
1500
1000
500
0
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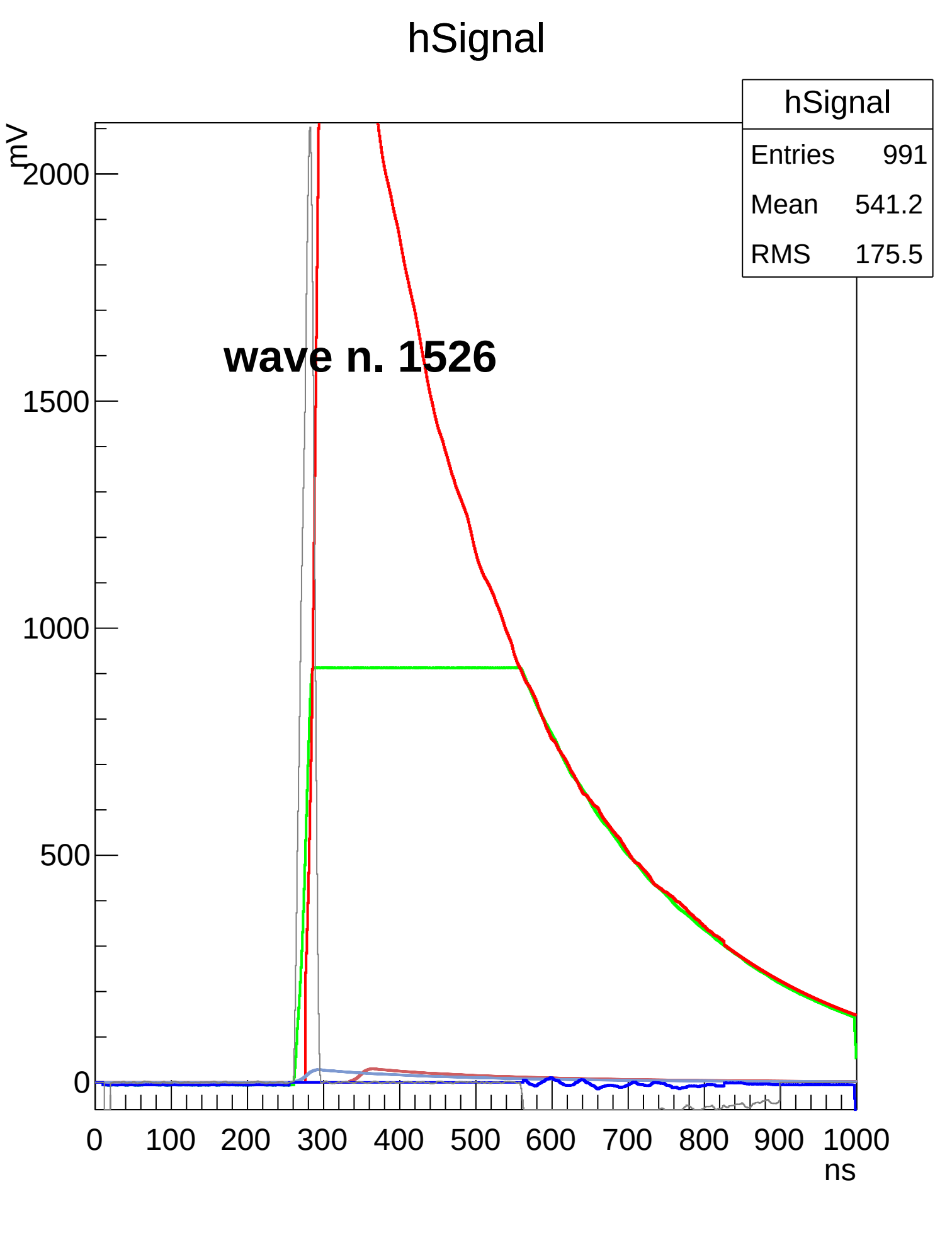
ns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Entries 991
Mean 541.2
RMS 175.5
wave n. 1526
mV
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1500
1000
500
0
0
100
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400
500
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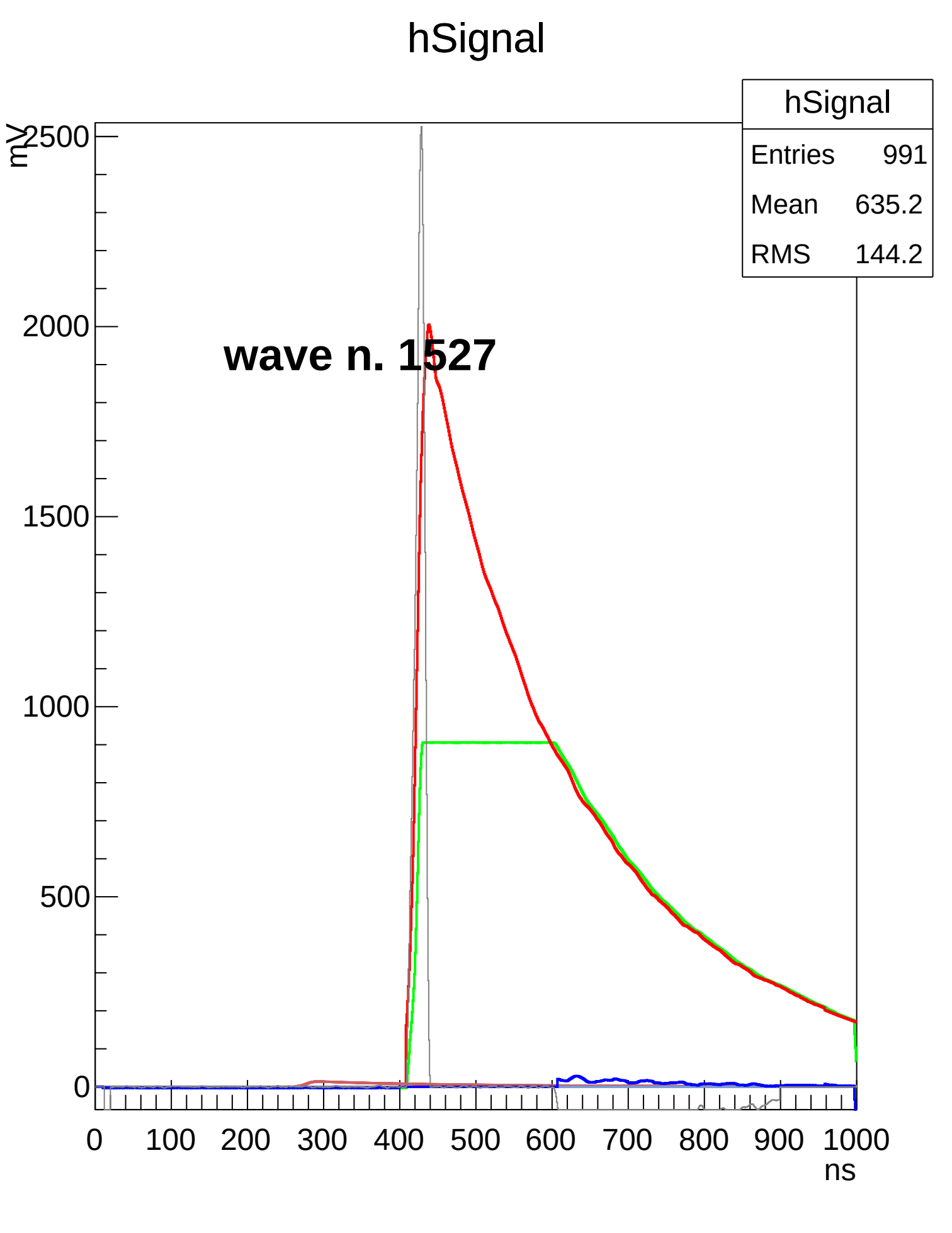
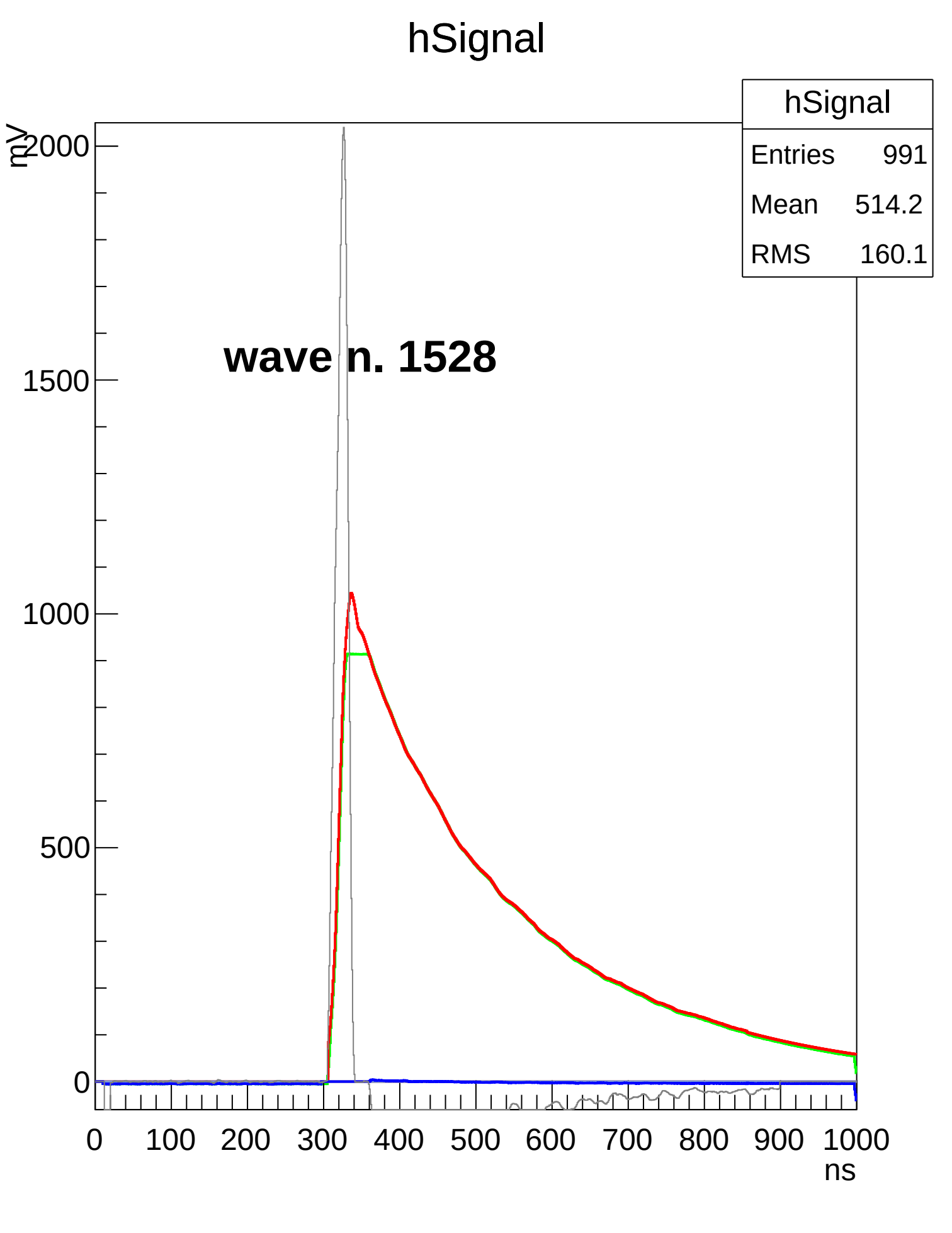
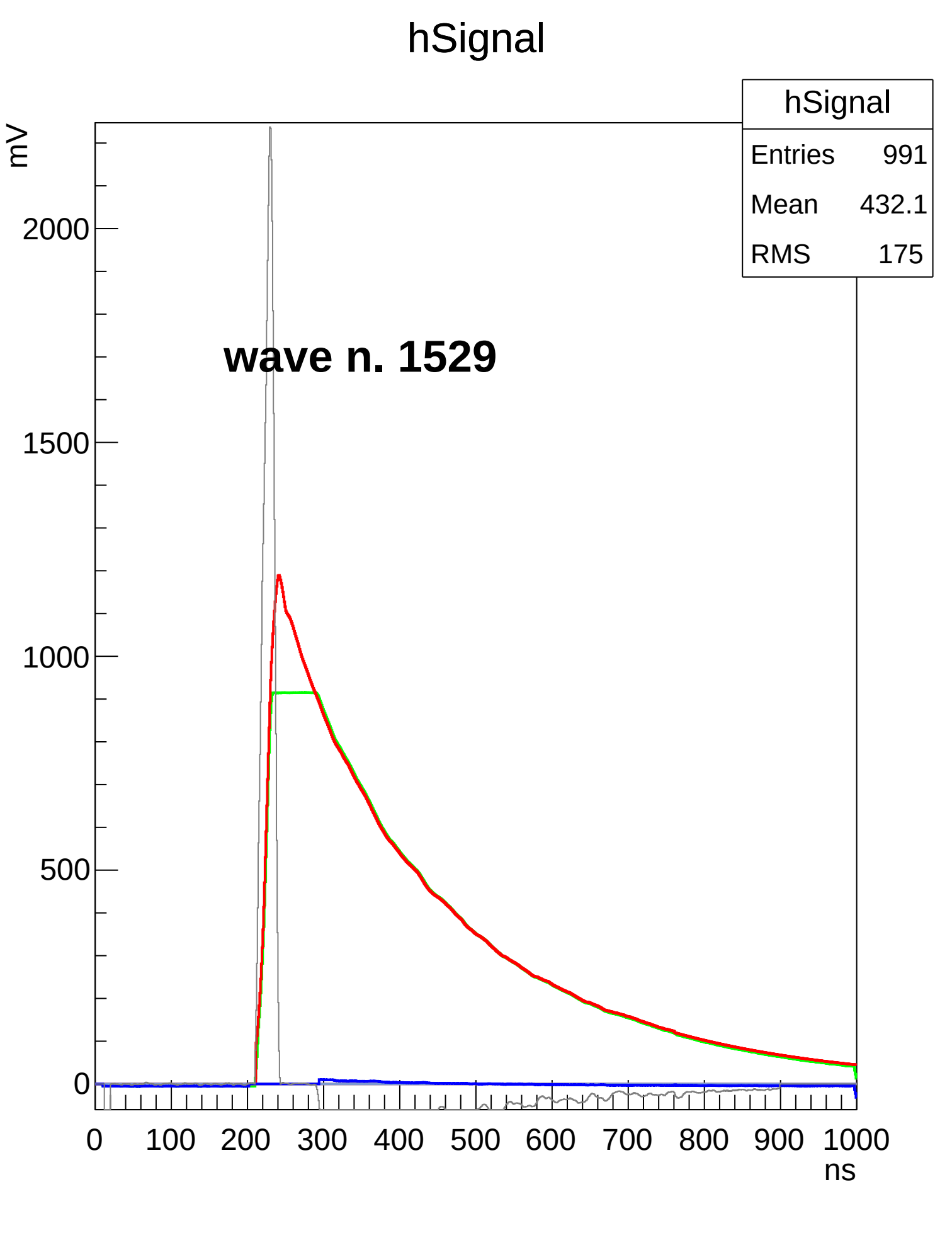
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 635.2
RMS 144.2
wave n. 1527
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 514.2
RMS 160.1
wave n. 1528
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 432.1
RMS 175
wave n. 1529
mV
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1500
1000
500
0
0
100
200
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400
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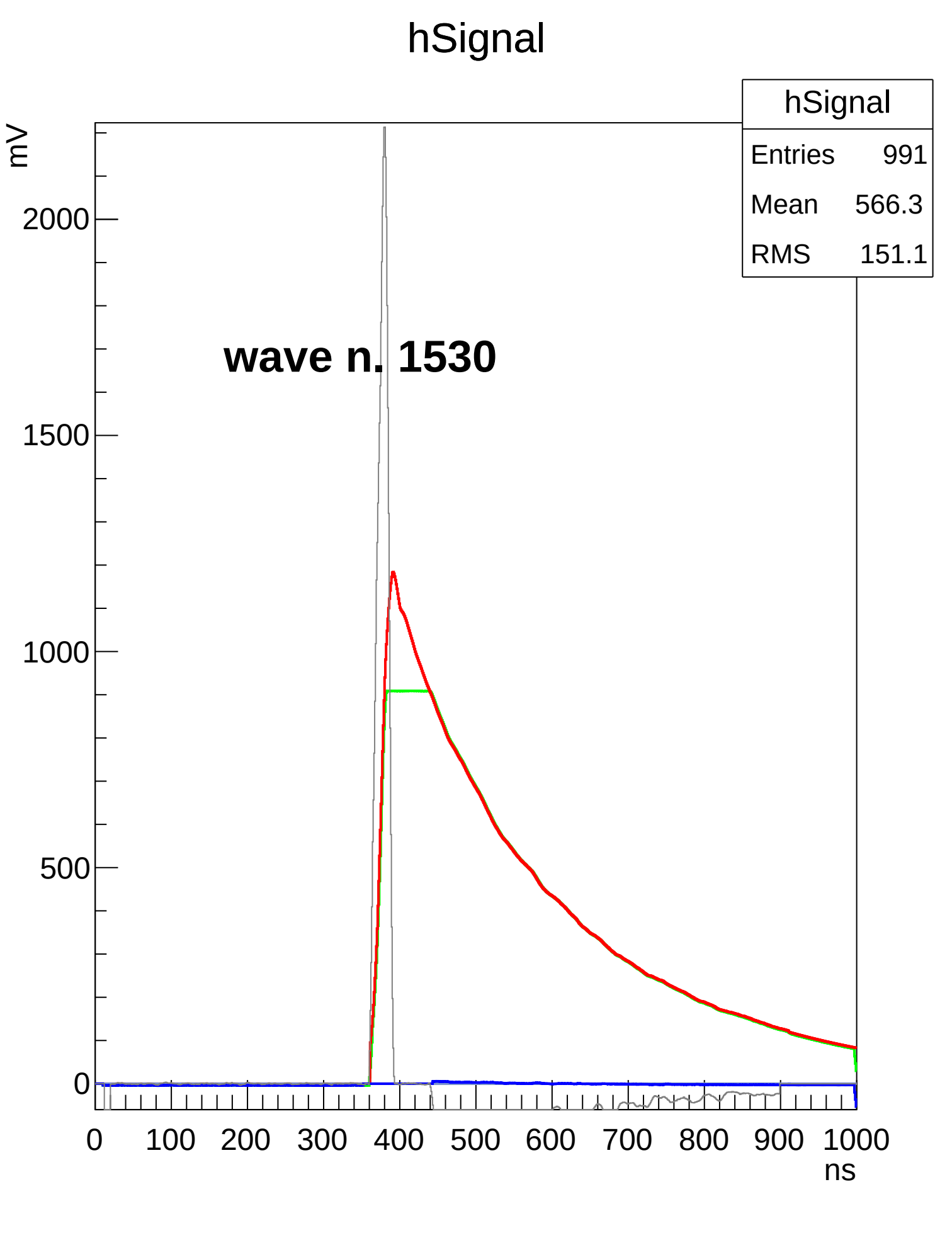
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 566.3
RMS 151.1
wave n. 1530
mV
2000
1500
1000
500
0
0
100
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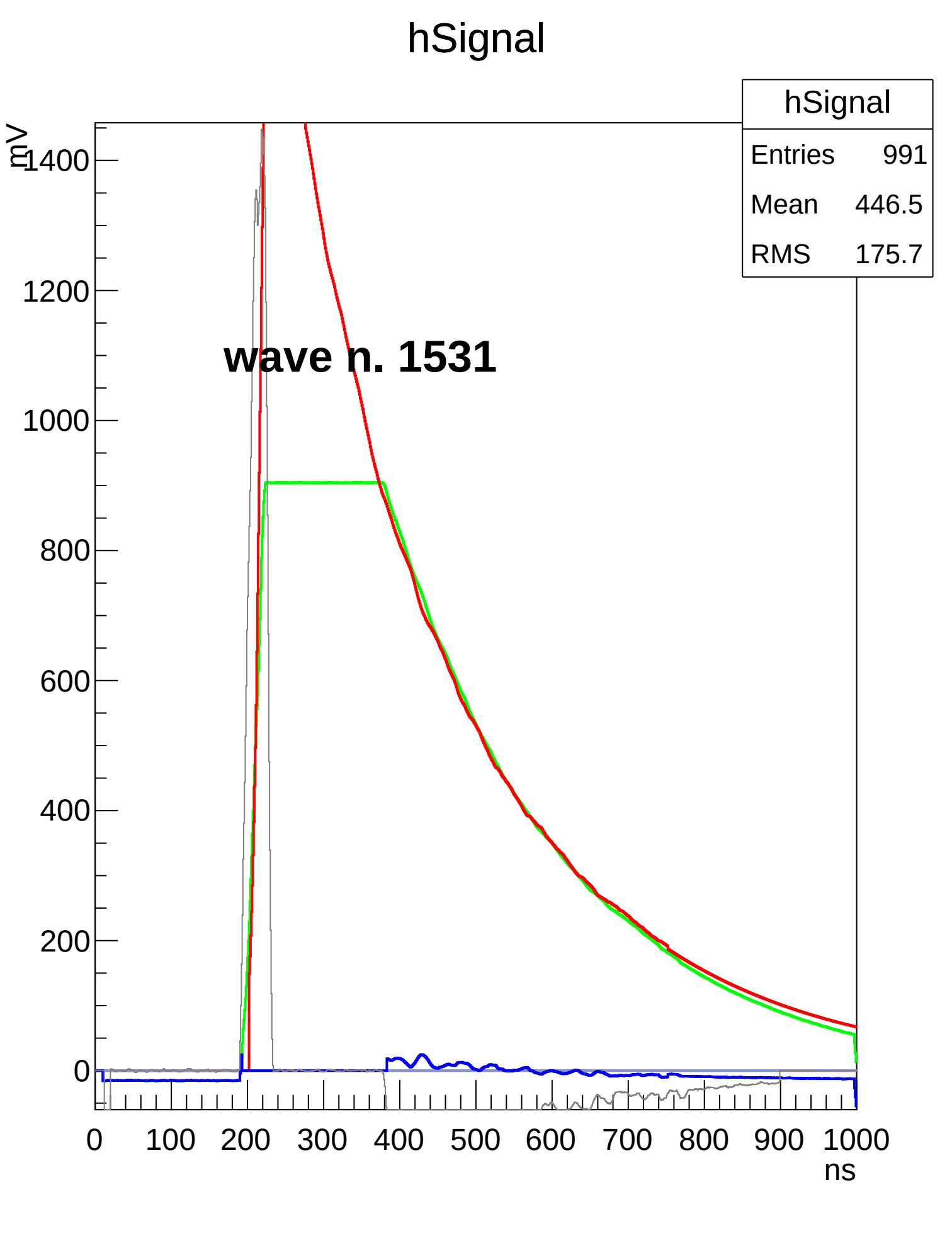
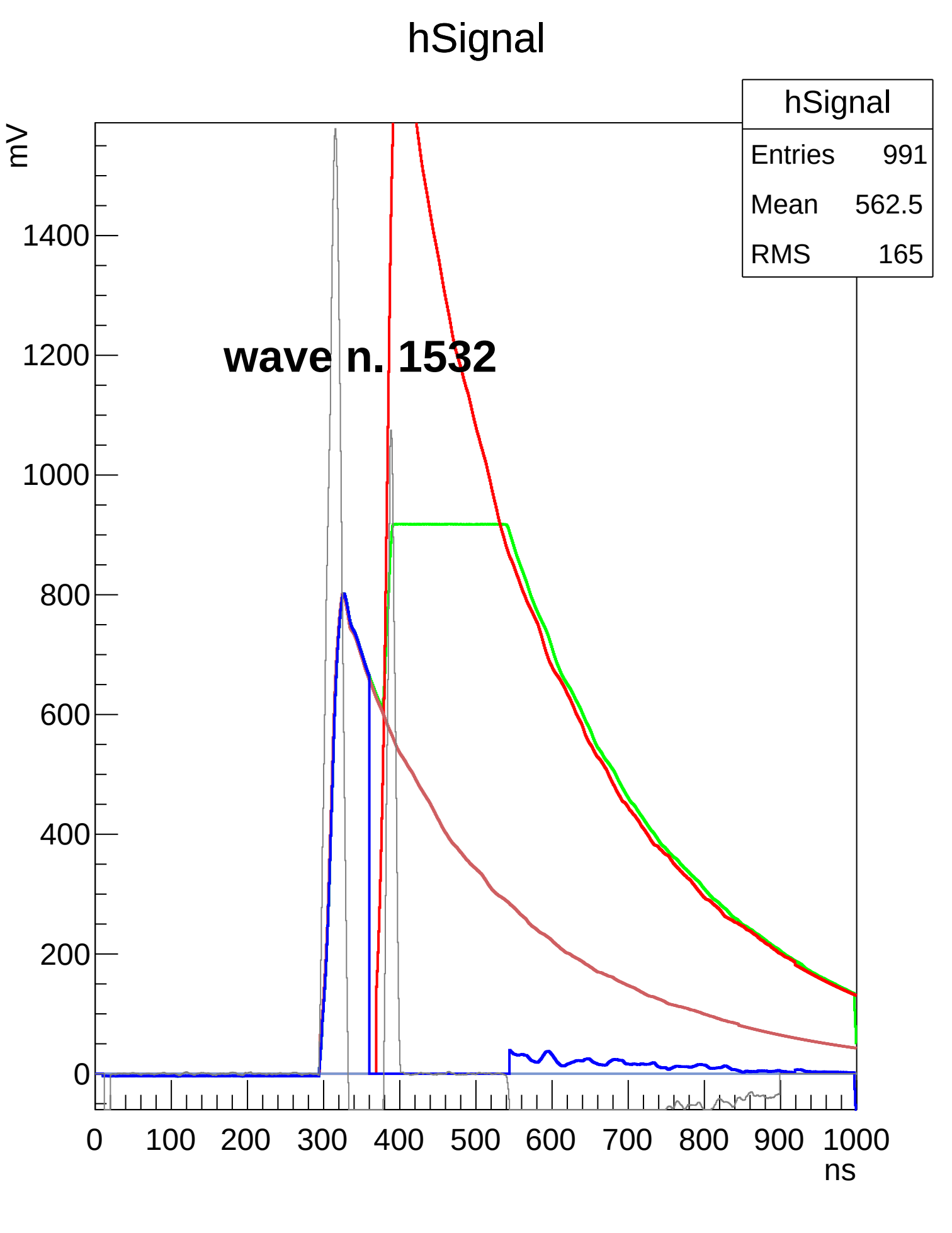
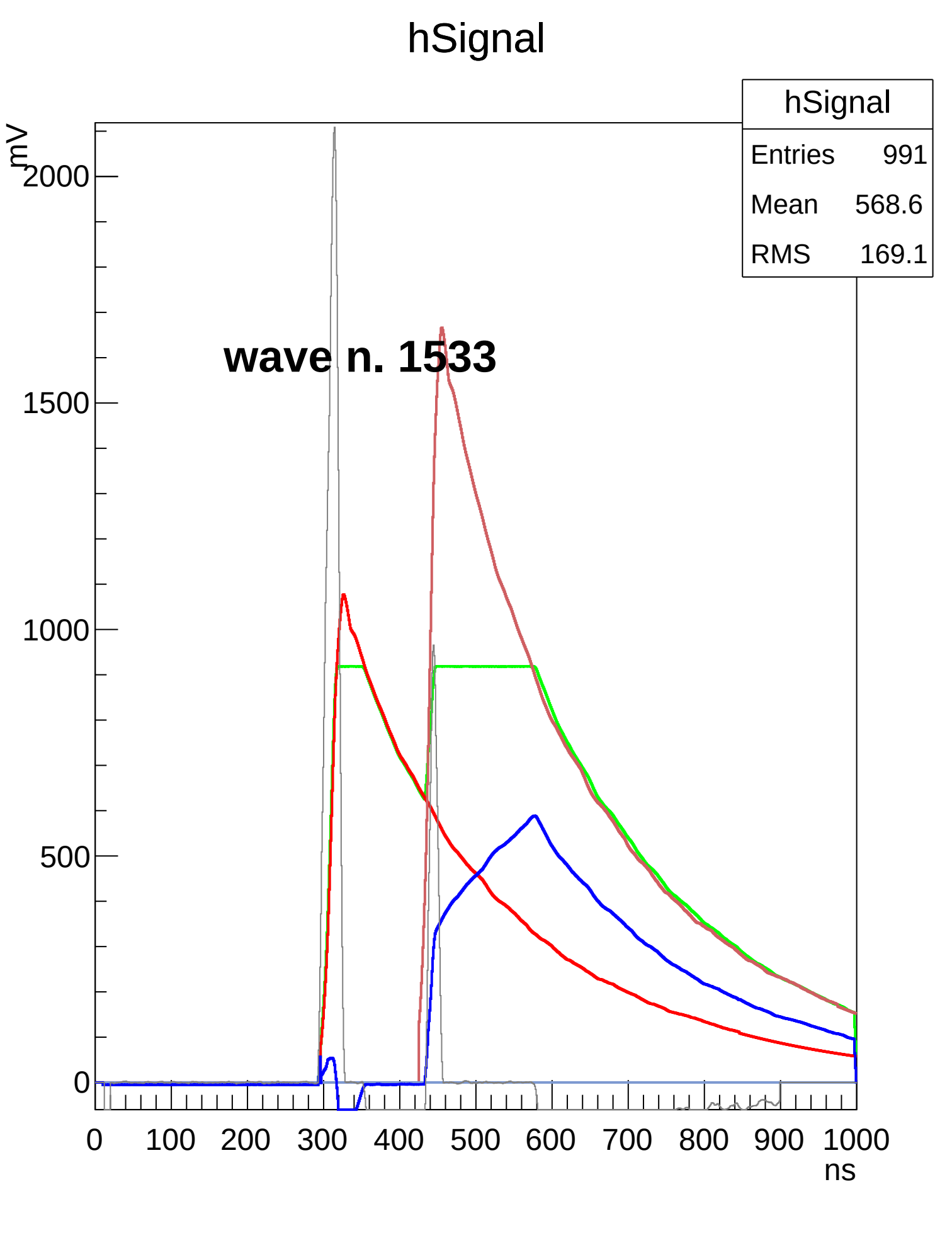
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 446.5
RMS 175.7
wave n. 1531
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 562.5
RMS 165
wave n. 1532
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 568.6
RMS 169.1
wave n. 1533
mV
2000
1500
1000
500
0
0
100
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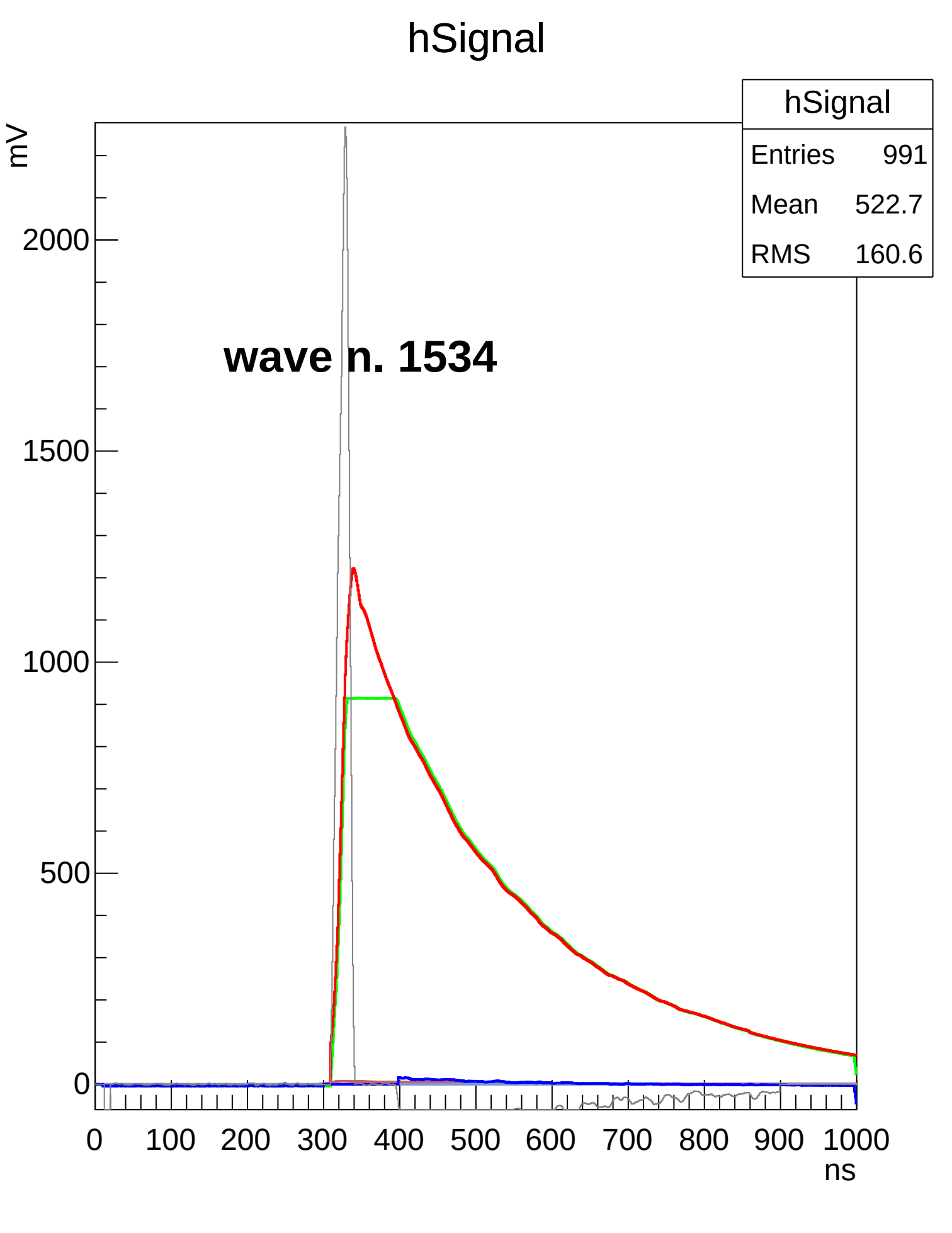
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 522.7
RMS 160.6
wave n. 1534
mV
2000
1500
1000
500
0
0
100
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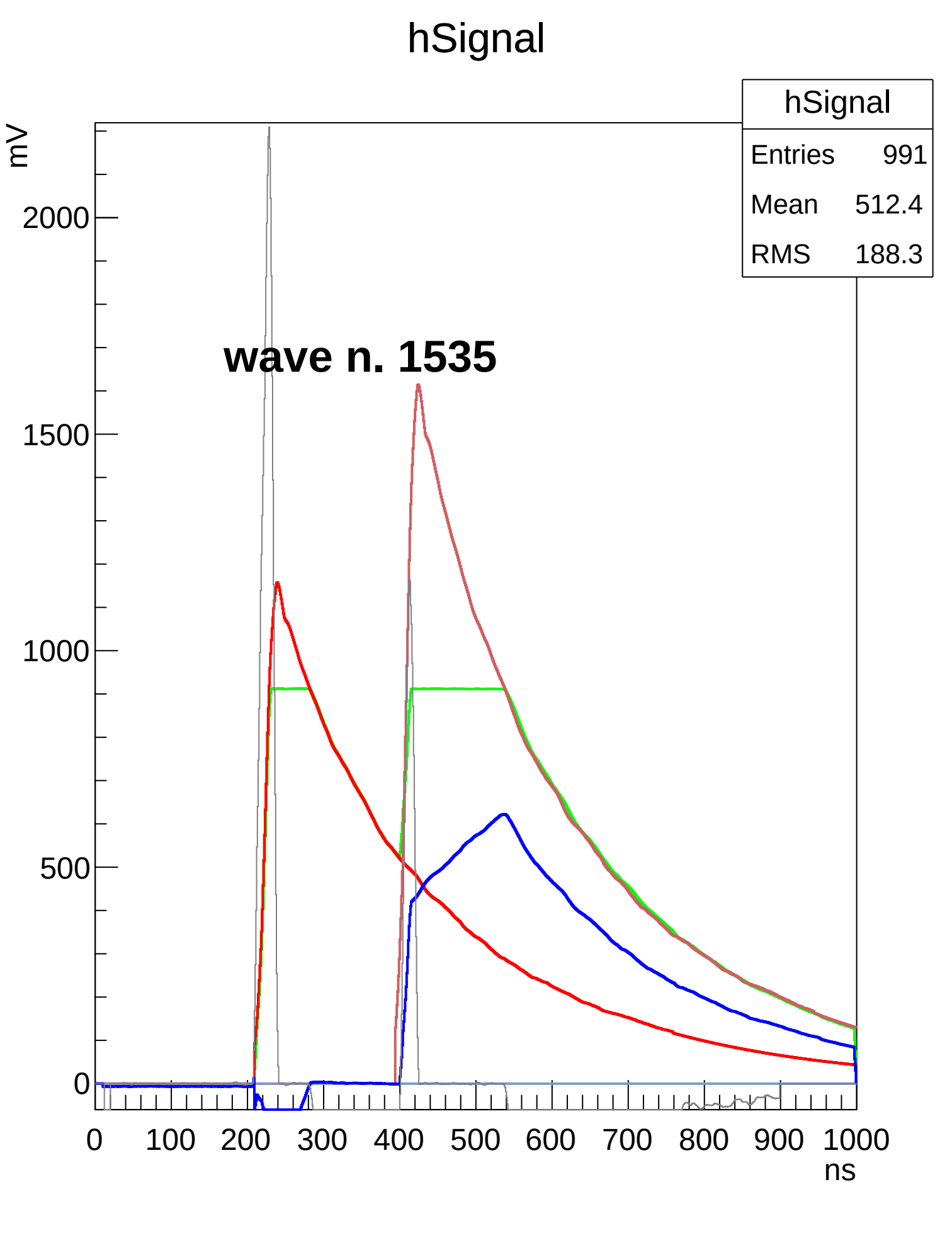
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.4
RMS 188.3
wave n. 1535
mV
2000
1500
1000
500
0
0
100
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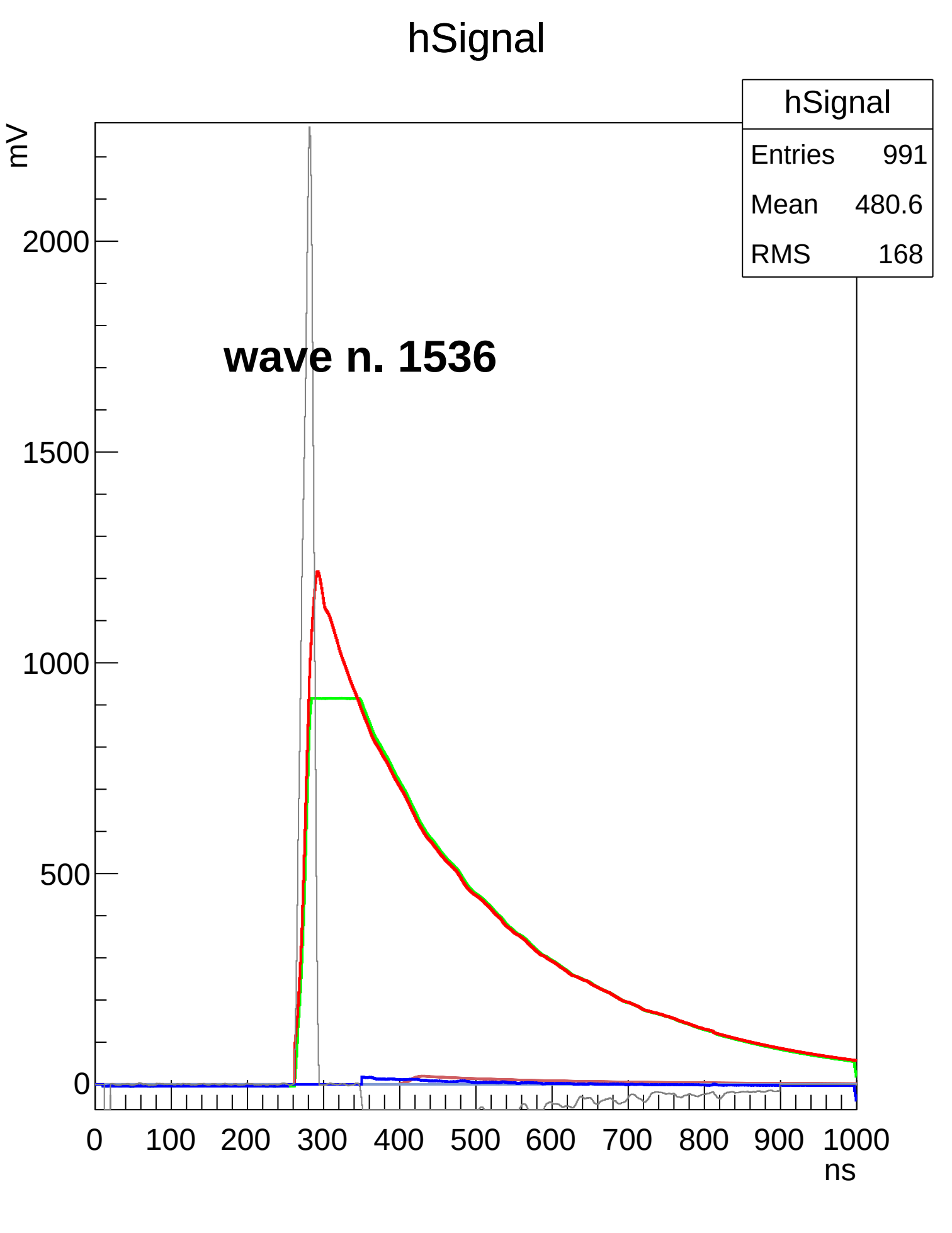
800
900
1000
ns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Mean 480.6
RMS 168
wave n. 1536
mV
2000
1500
1000
500
0
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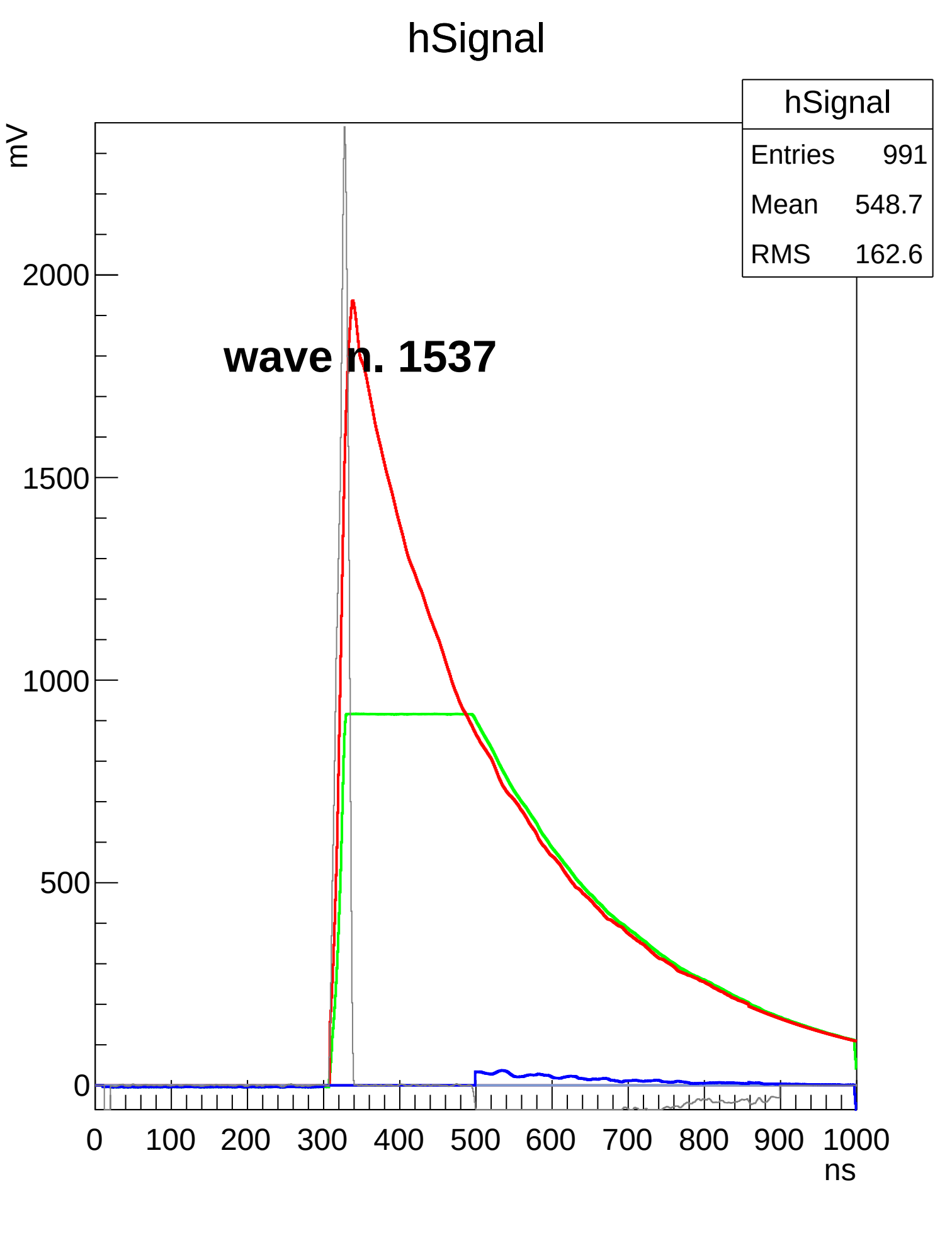
ns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Entries 991
Mean 548.7
RMS 162.6
wave n. 1537
mV
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1000
500
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0
100
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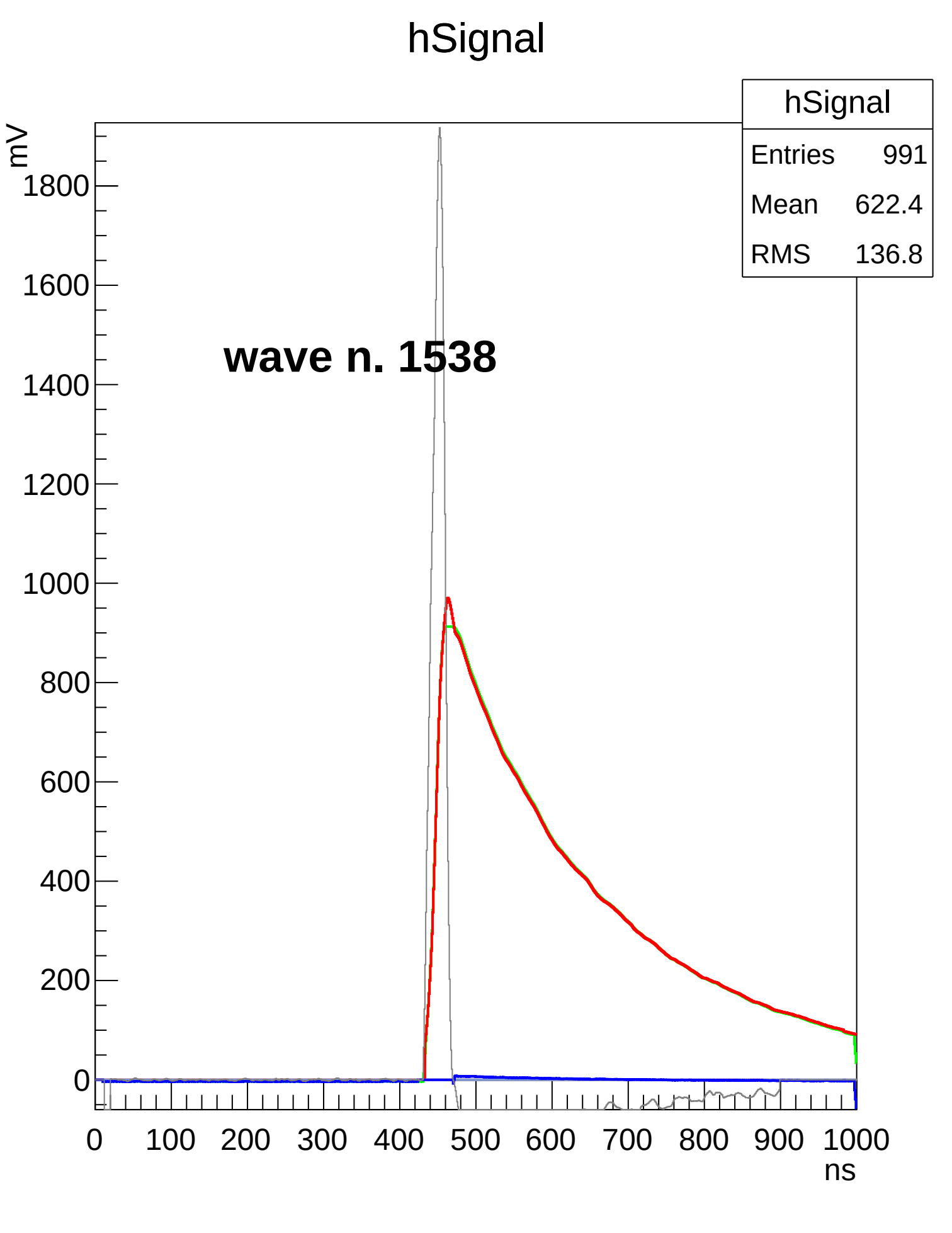
800
900
1000
ns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hSignal
Entries 991
Mean 622.4
RMS 136.8
wave n. 1538
mV
1800
1600
1400
1200
1000
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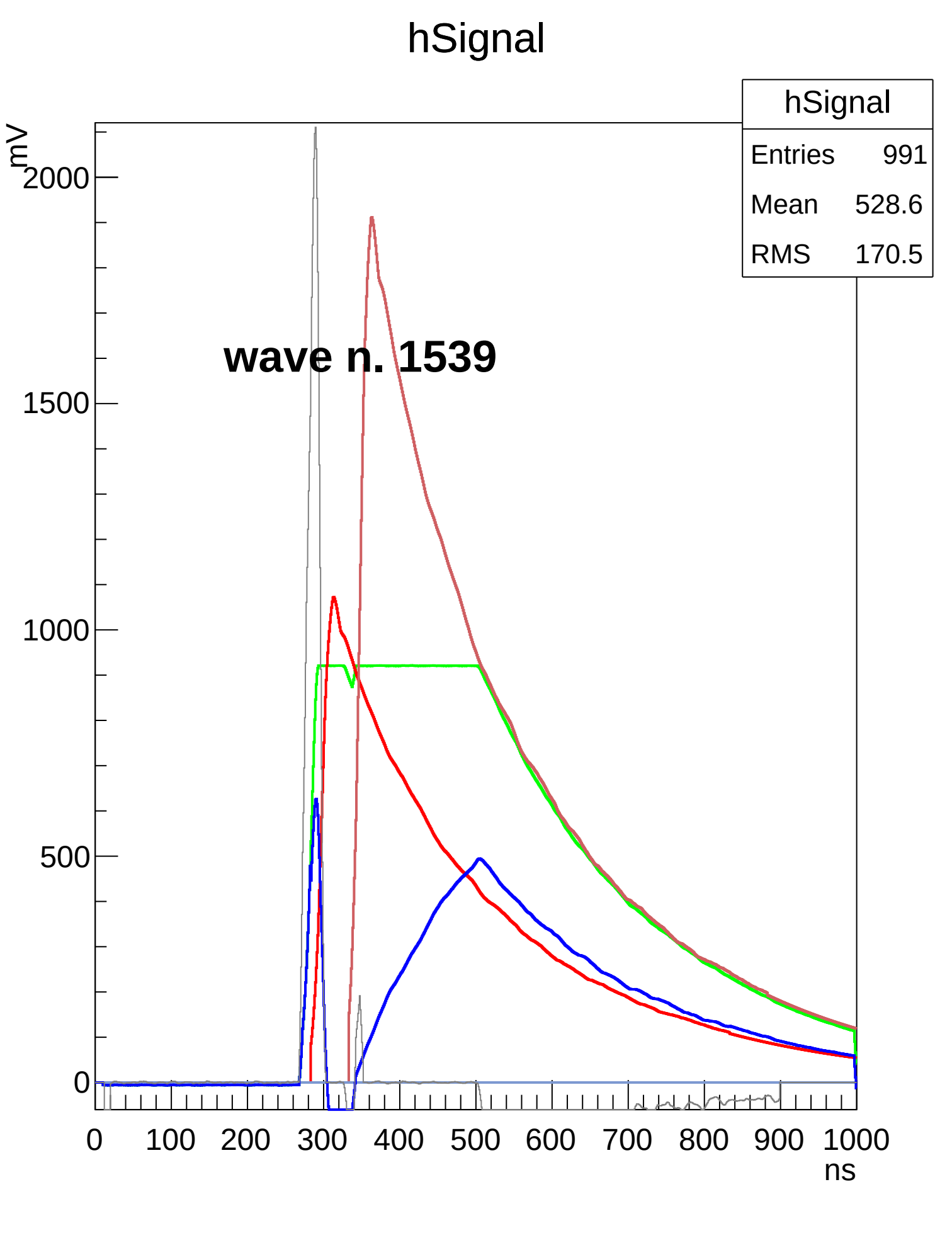
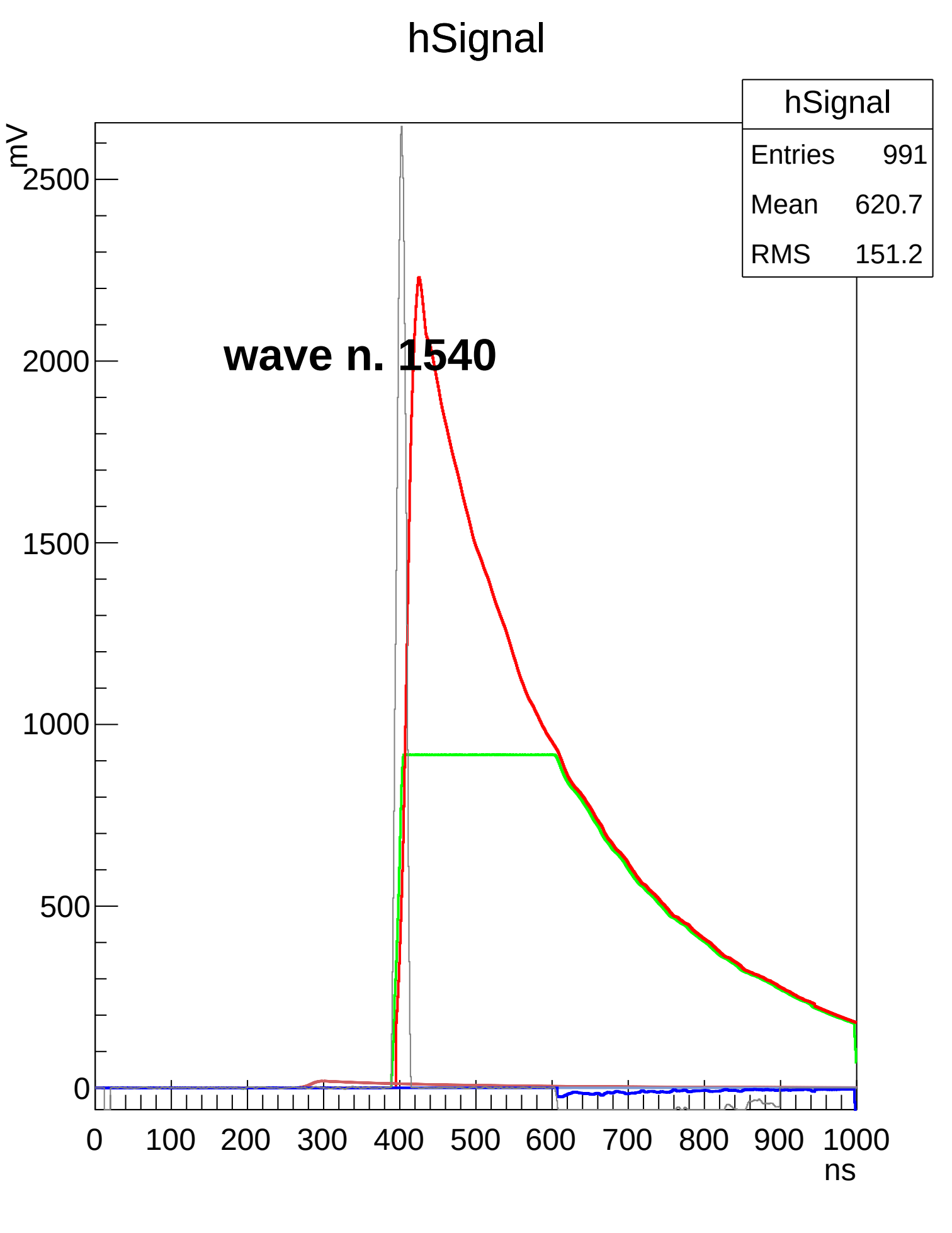
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 528.6
RMS 170.5
wave n. 1539
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 620.7
RMS 151.2
wave n. 1540
mV
2500
2000
1500
1000
500
0
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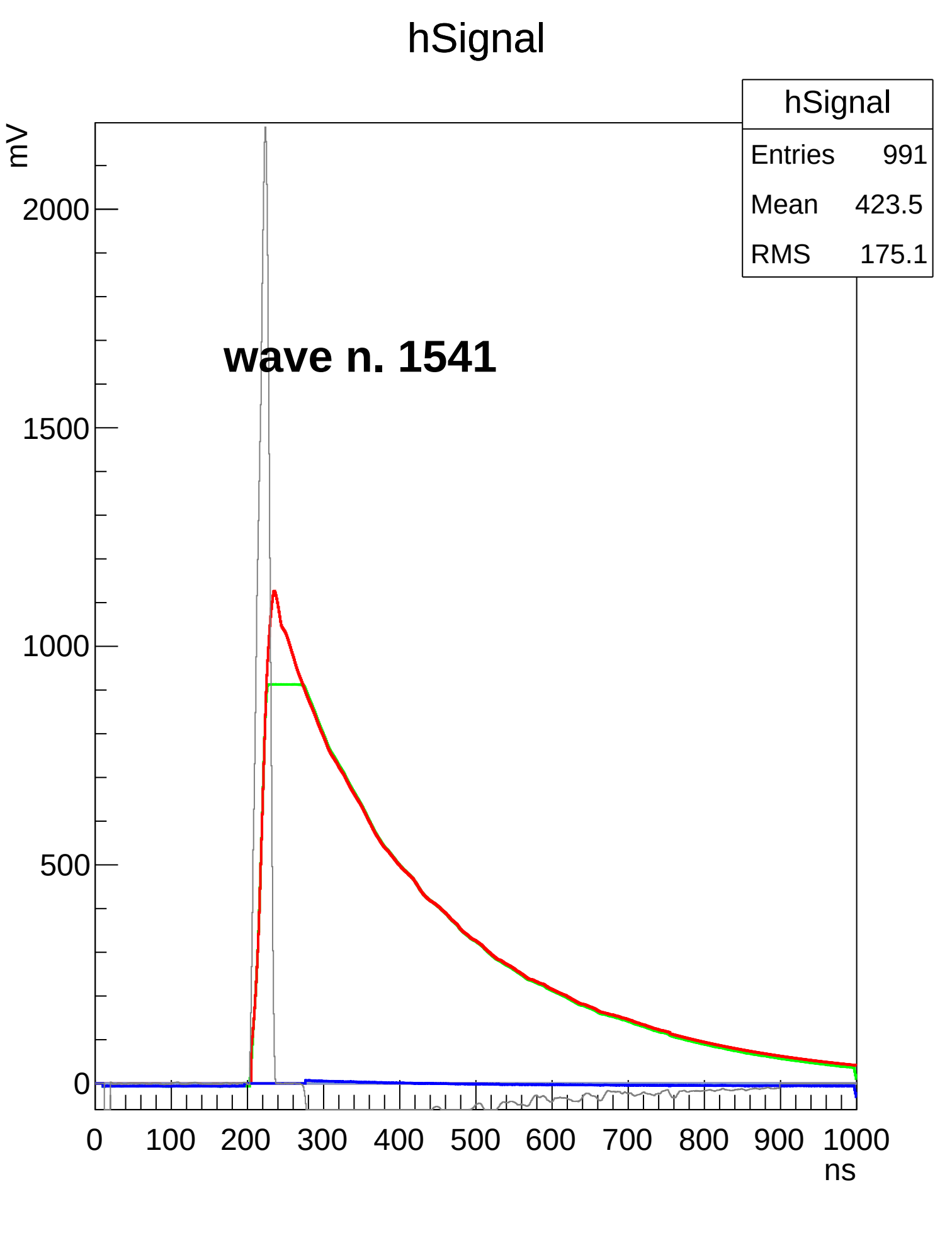
ns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hSignal
Entries 991
Mean 423.5
RMS 175.1
wave n. 1541
mV
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1500
1000
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0
100
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400
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800
900
1000
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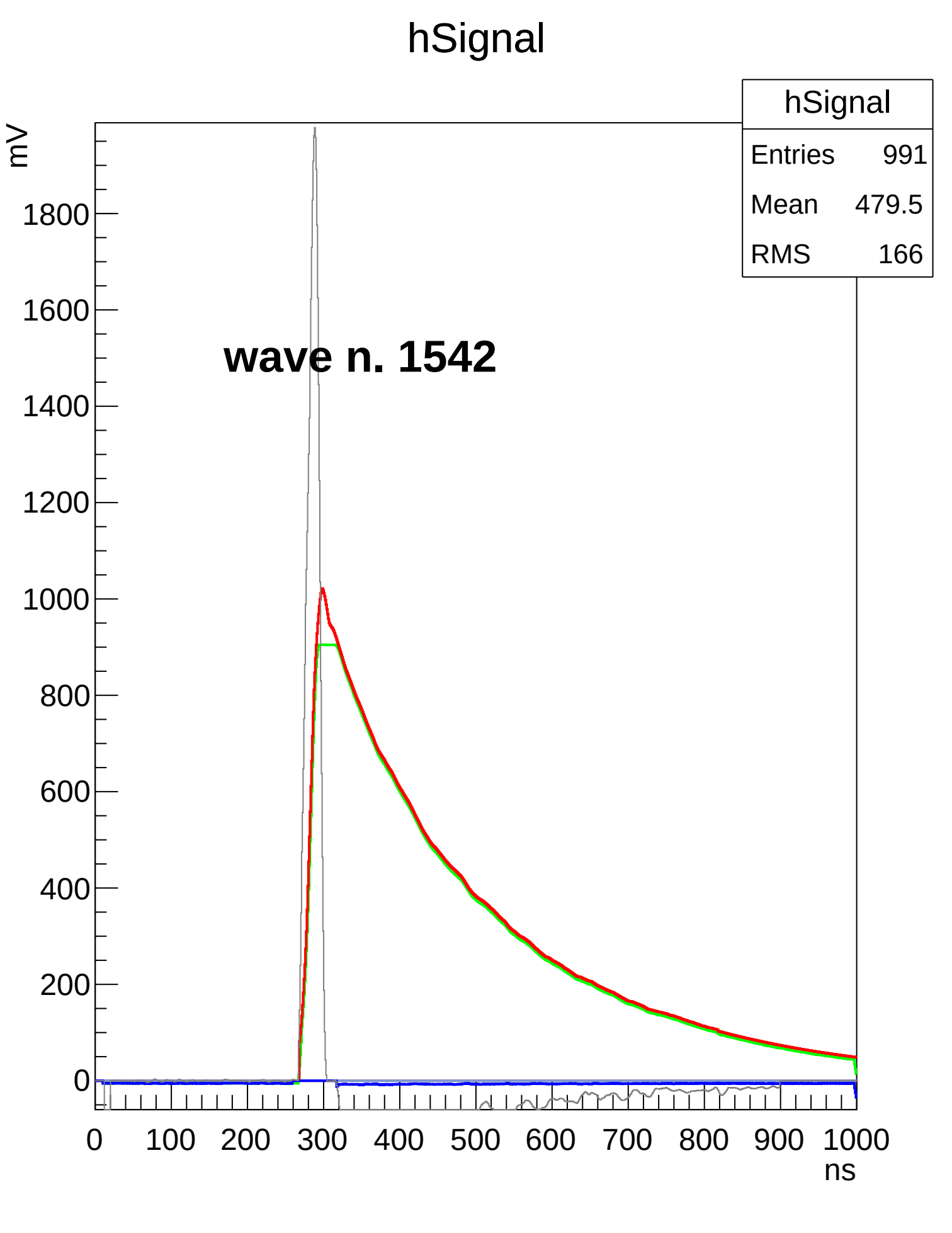
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hSignal
Entries 991
Mean 479.5
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wave n. 1542
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1600
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1200
1000
800
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400
200
0
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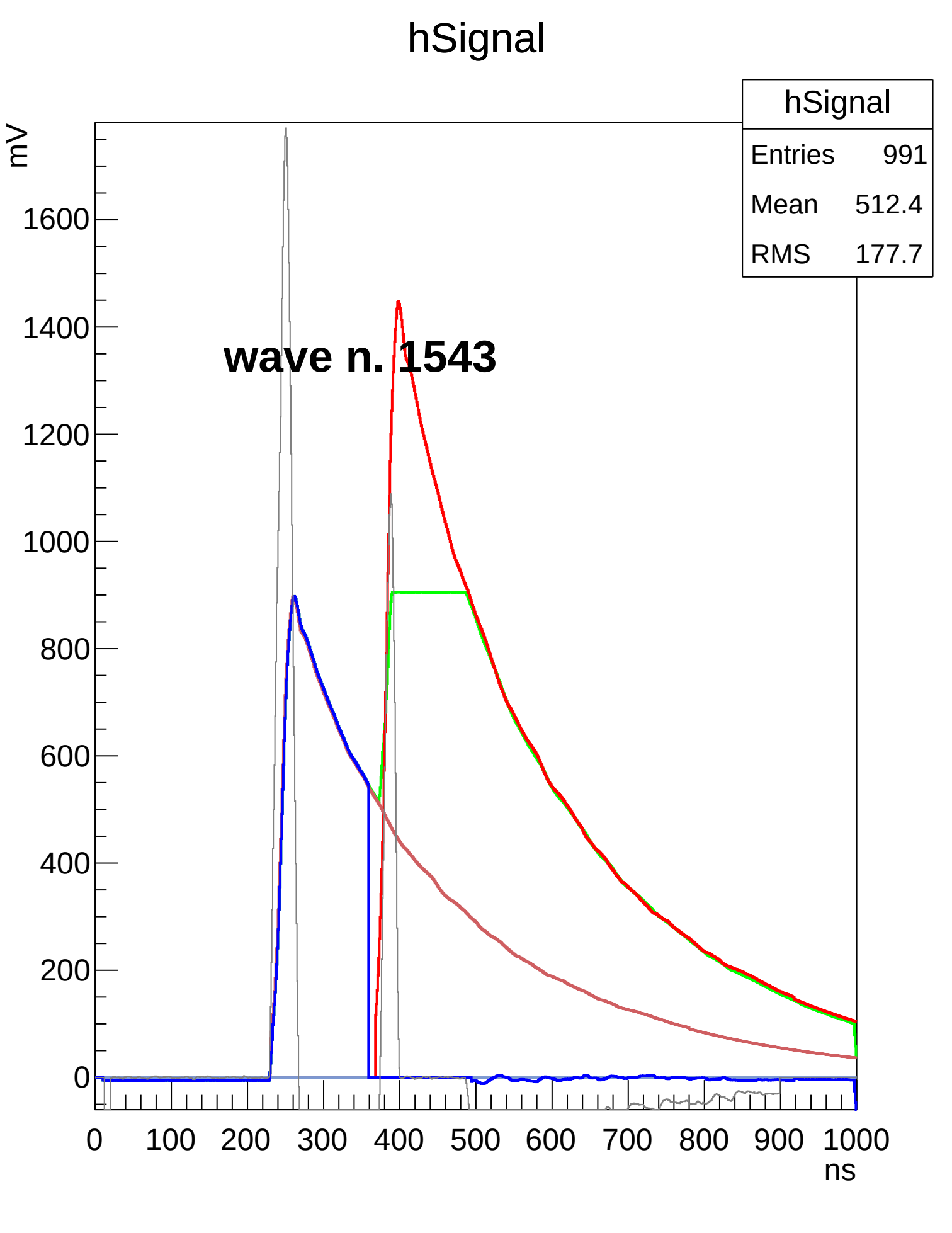
ns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Entries 991
Mean 512.4
RMS 177.7
wave n. 1543
mV
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400
200
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0
100
200
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400
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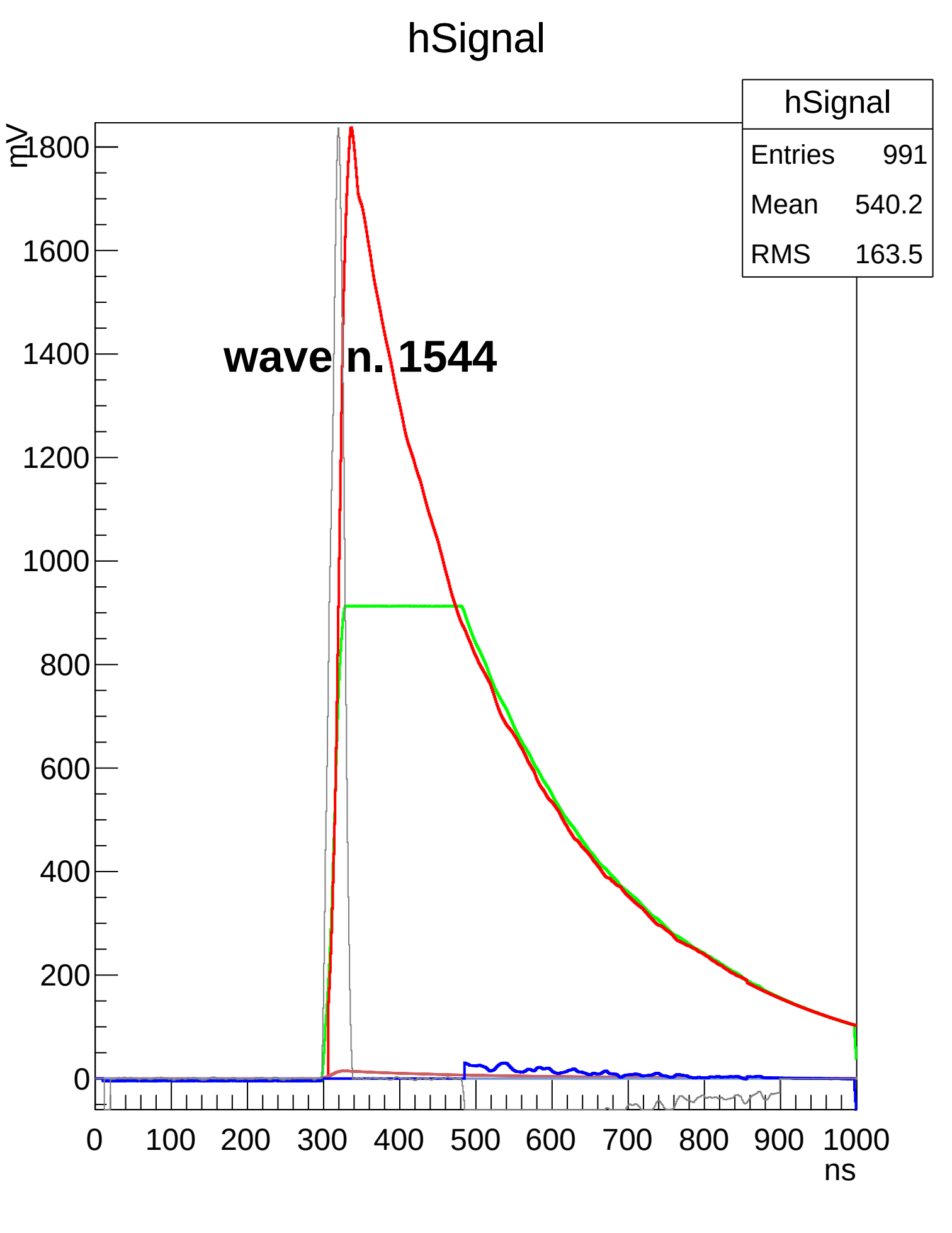
1000
ns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Entries 991
Mean 540.2
RMS 163.5
wave n. 1544
mV
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1600
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600
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200
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400
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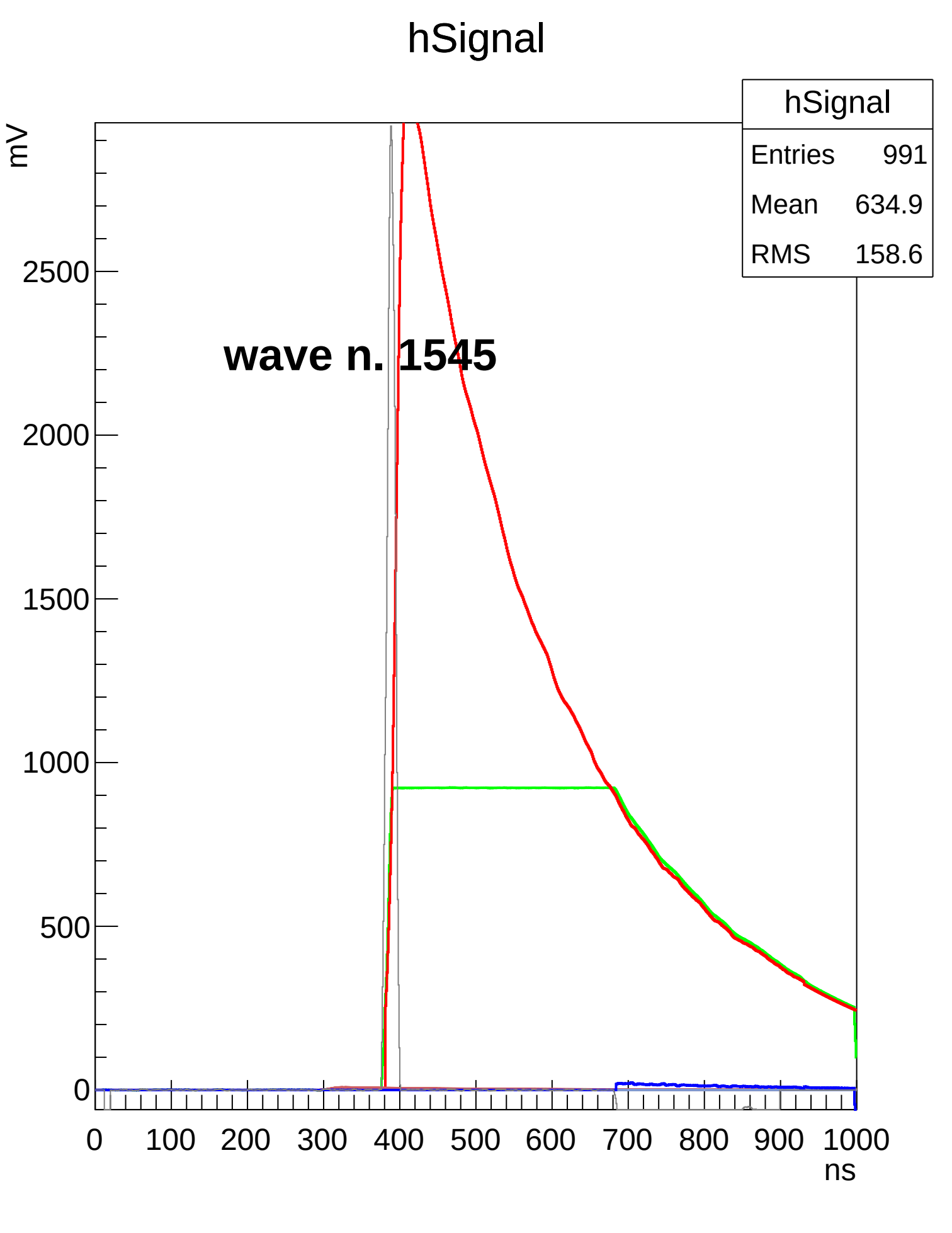
1000
ns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hSignal
Entries 991
Mean 634.9
RMS 158.6
wave n. 1545
mV
2500
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1000
500
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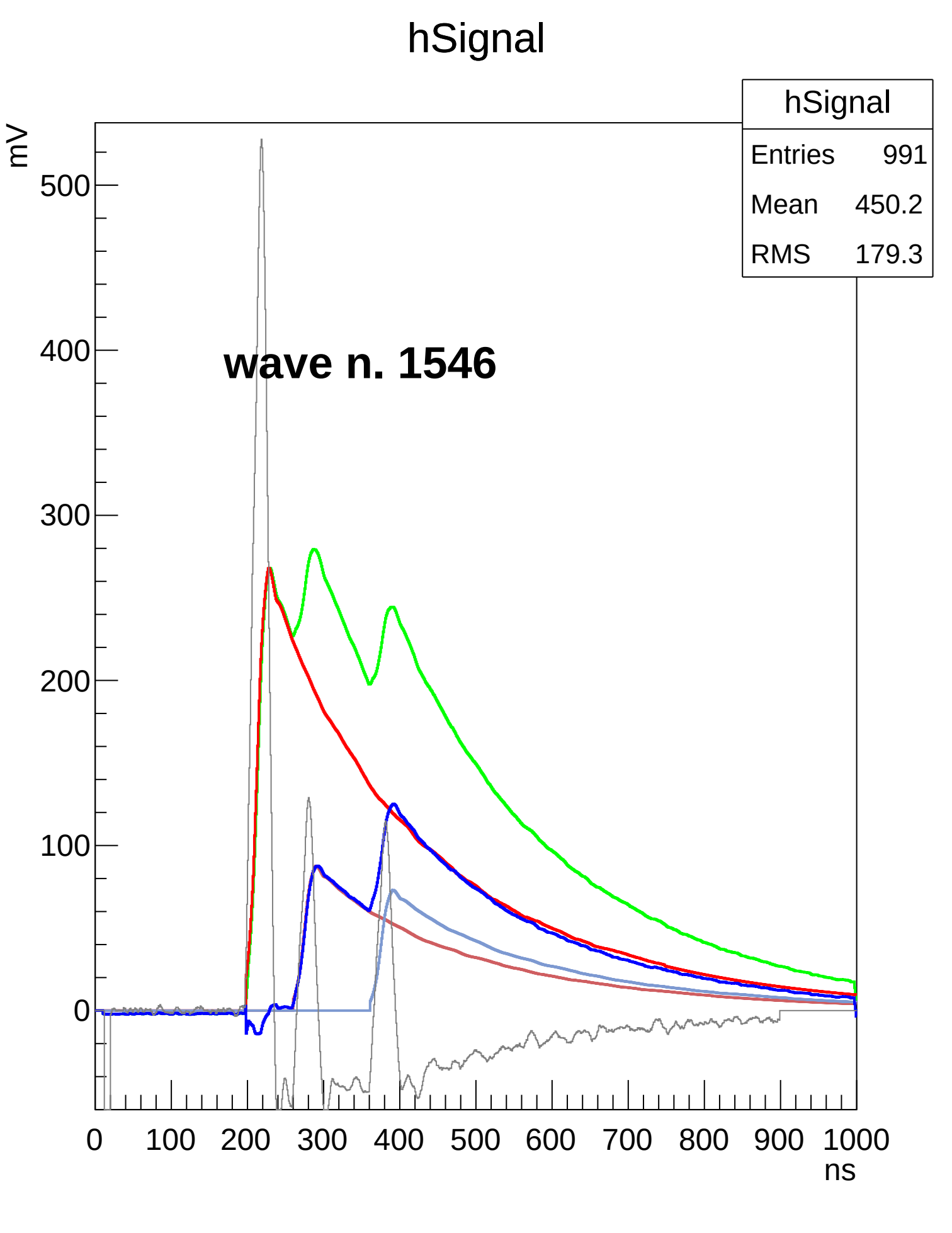
ns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Entries 991
Mean 450.2
RMS 179.3
wave n. 1546
mV
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300
200
100
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0
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400
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600
700
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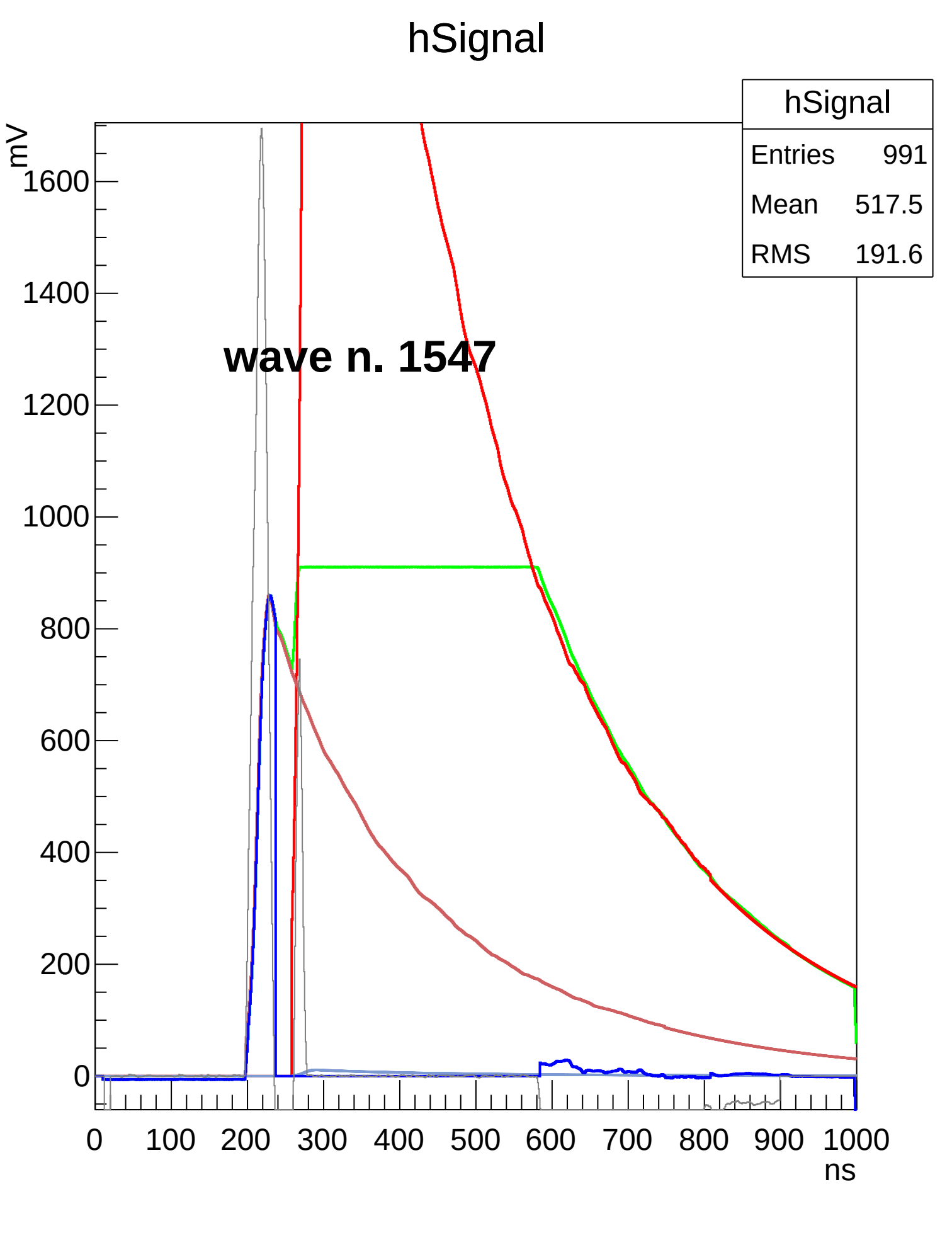
900
1000
ns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Entries 991
Mean 517.5
RMS 191.6
wave n. 1547
mV
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400
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1000
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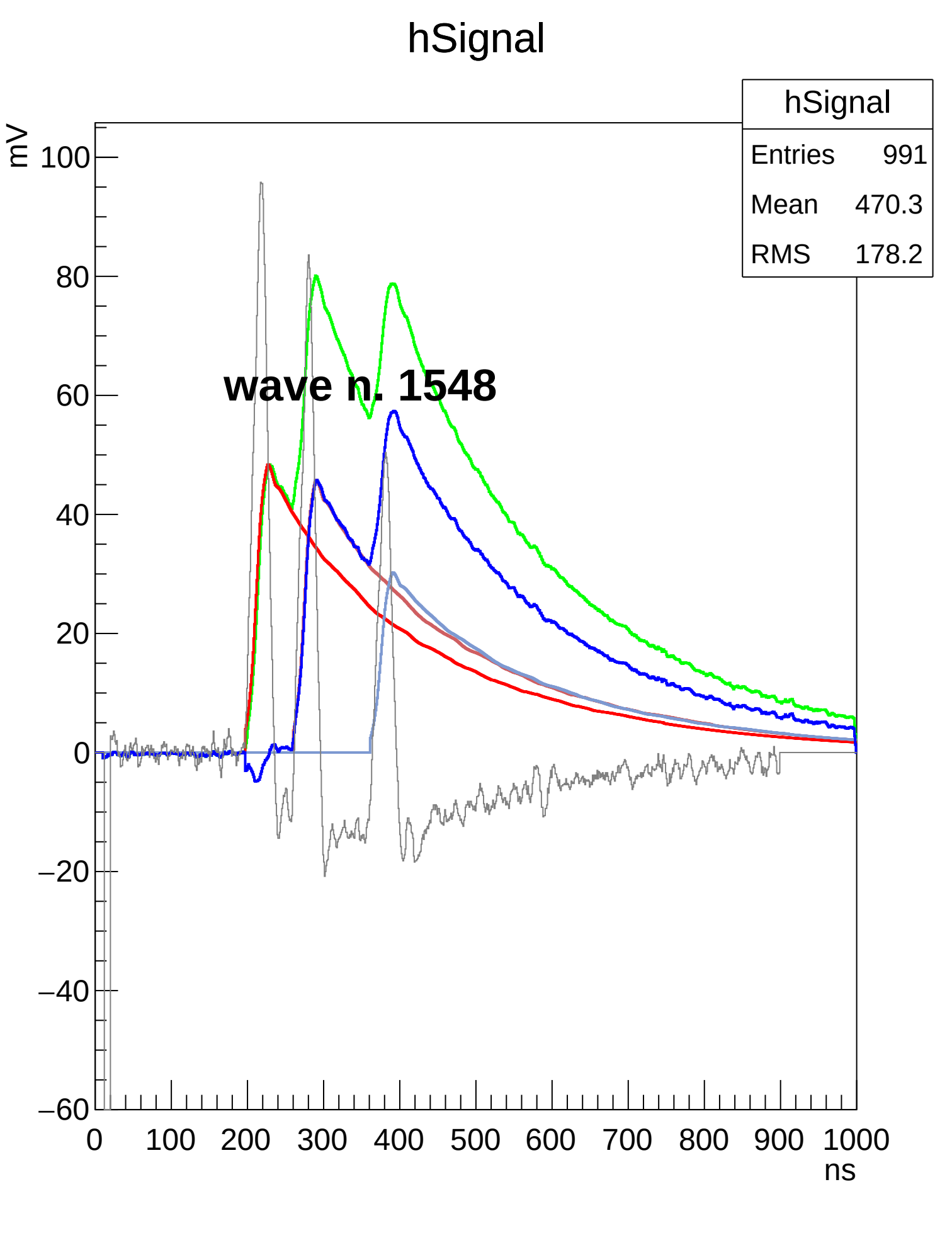
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hSignal
Entries 991
Mean 470.3
RMS 178.2
wave n. 1548
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80
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−60
0
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200
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400
500
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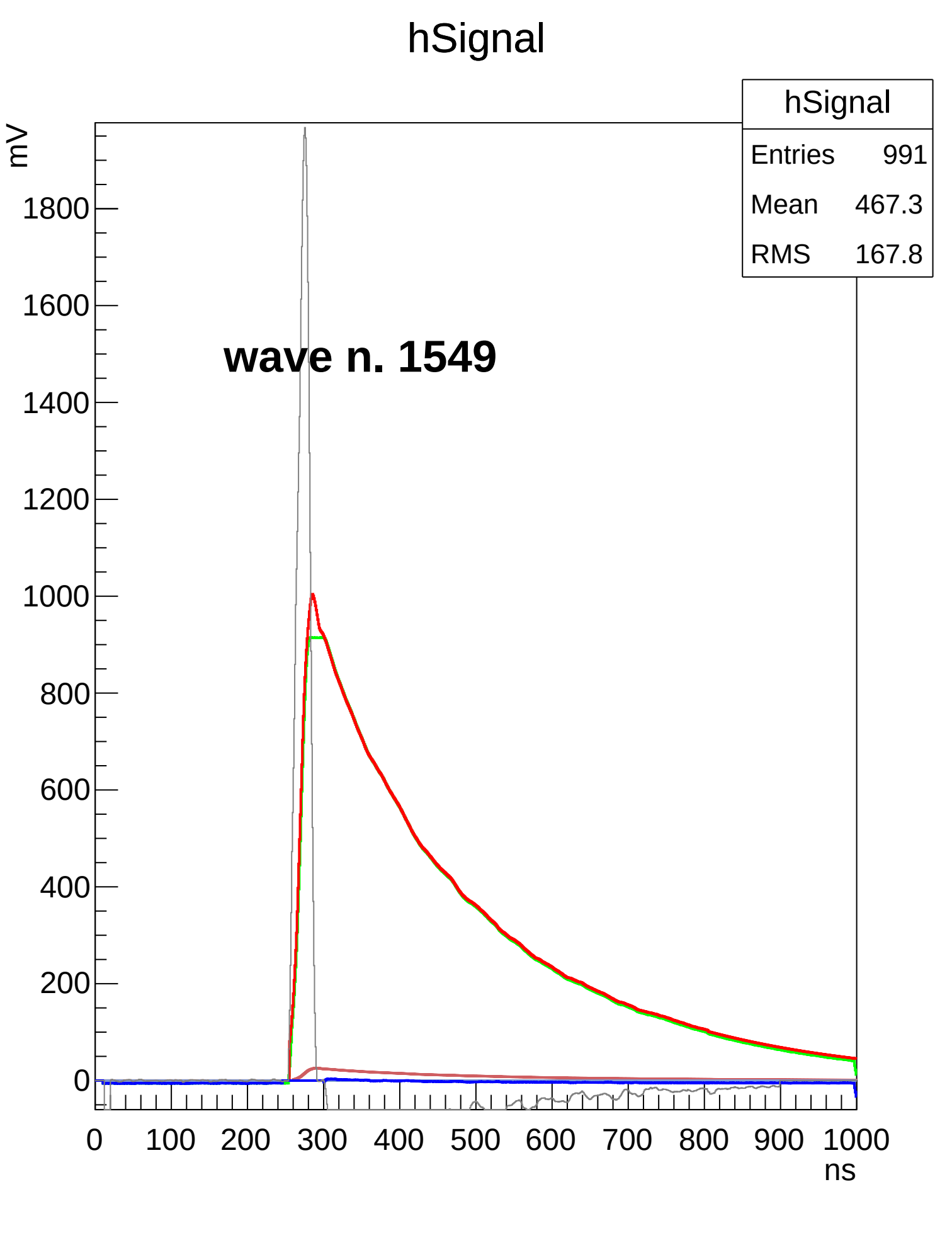
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 467.3
RMS 167.8
wave n. 1549
mV
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1600
1400
1200
1000
800
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400
200
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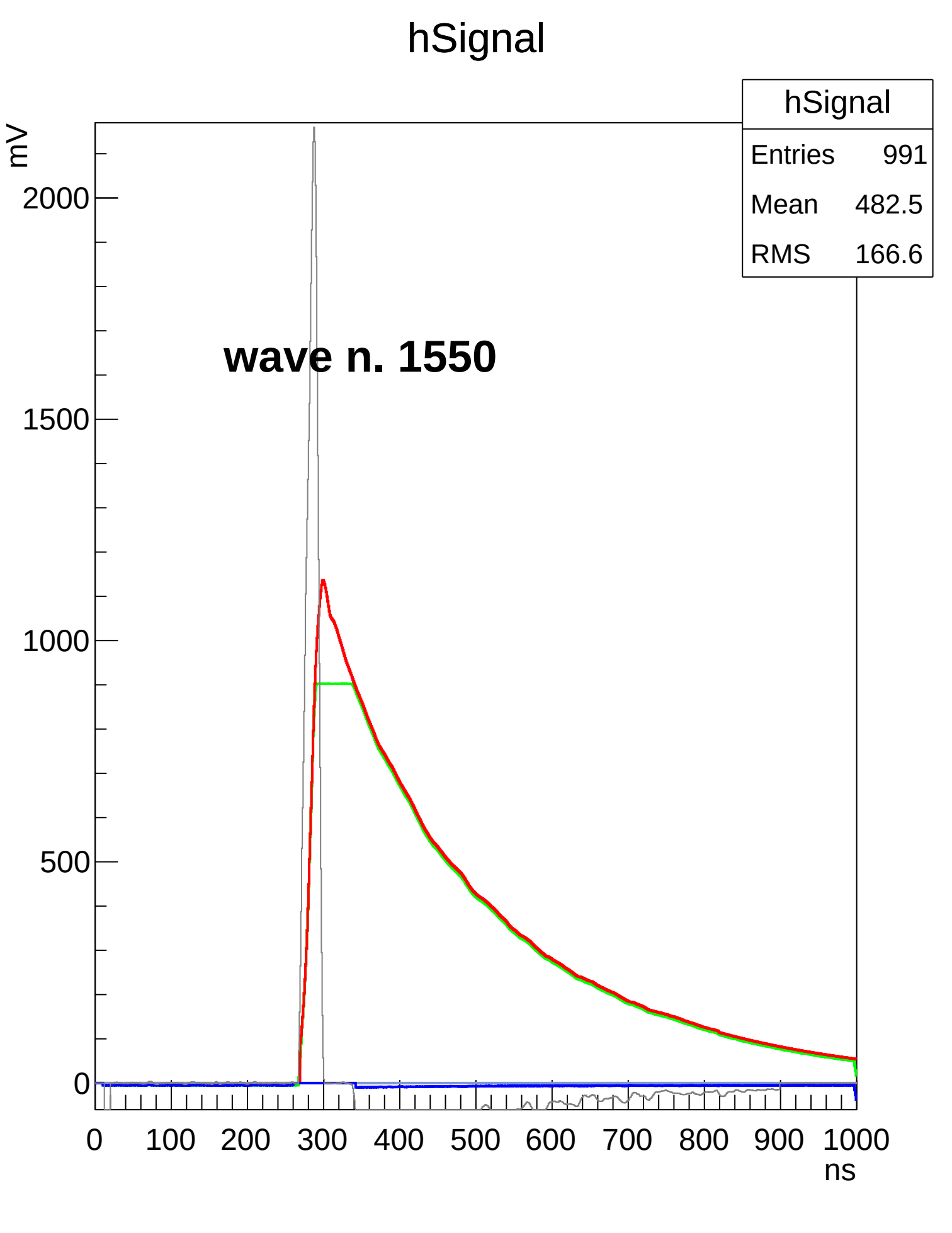
ns


hSignal
hSignal
Entries 991
Mean 482.5
RMS 166.6
wave n. 1550
mV
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1500
1000
500
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0
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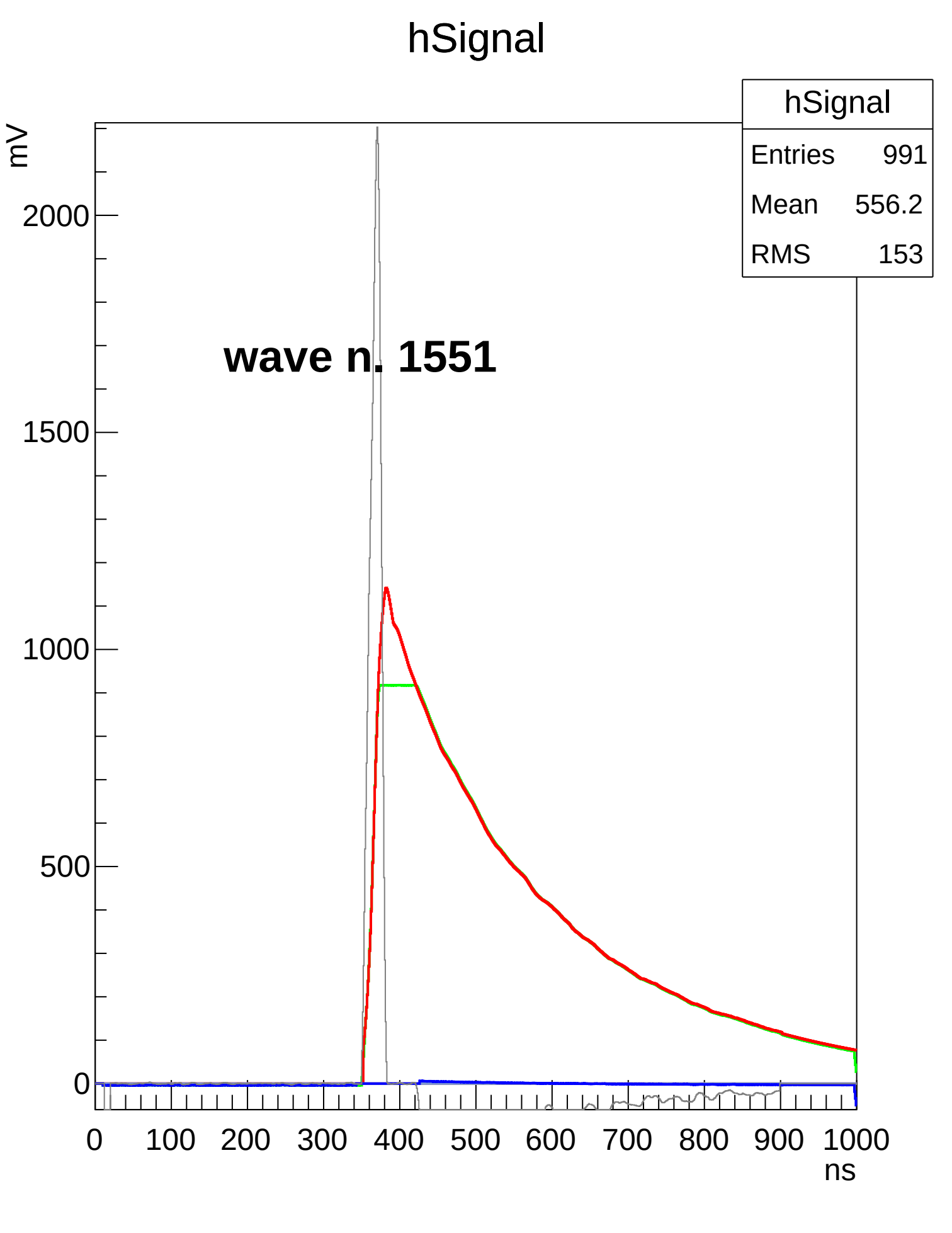
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.2
RMS 153
wave n. 1551
mV
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1500
1000
500
0
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100
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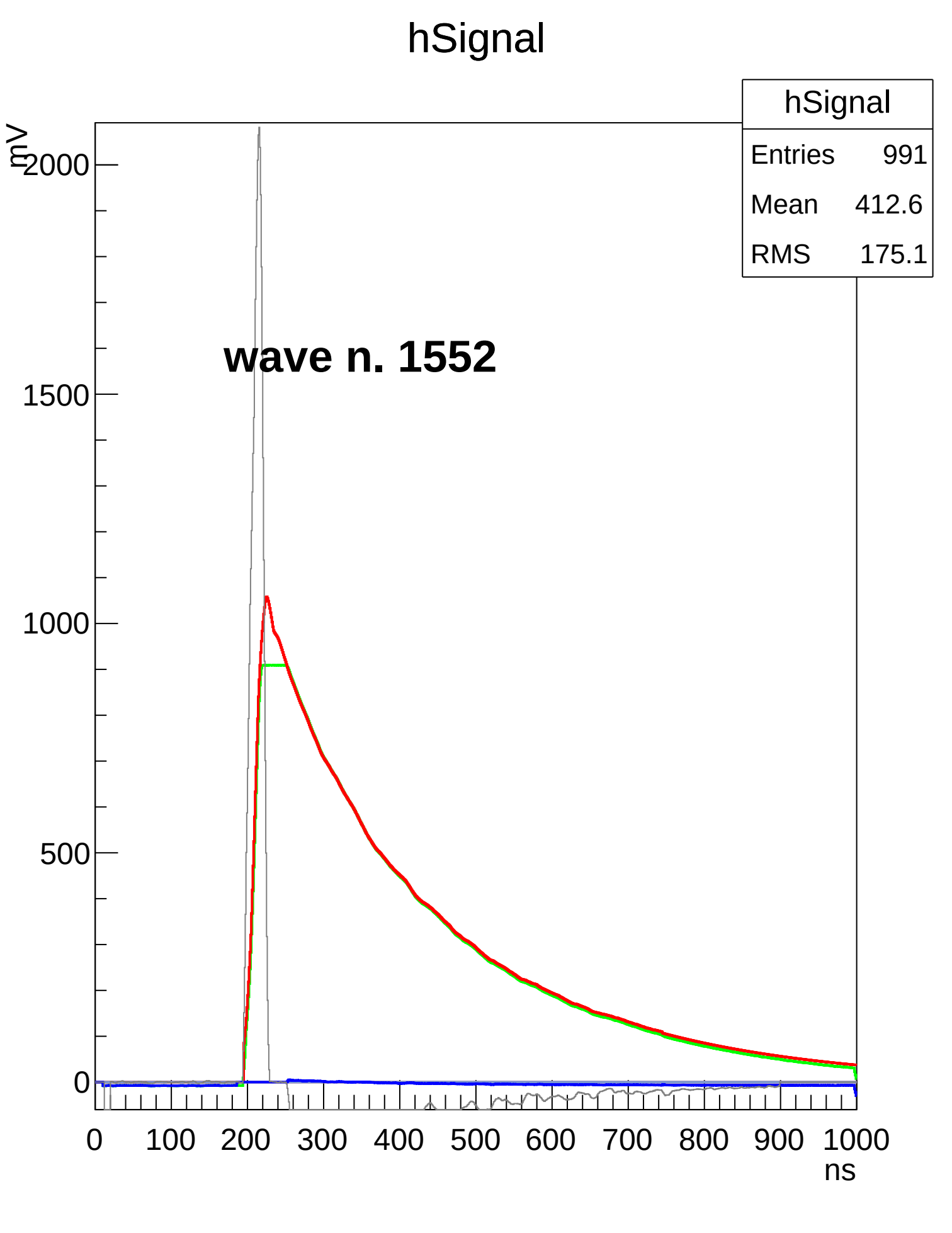
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 412.6
RMS 175.1
wave n. 1552
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1000
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400
500
600
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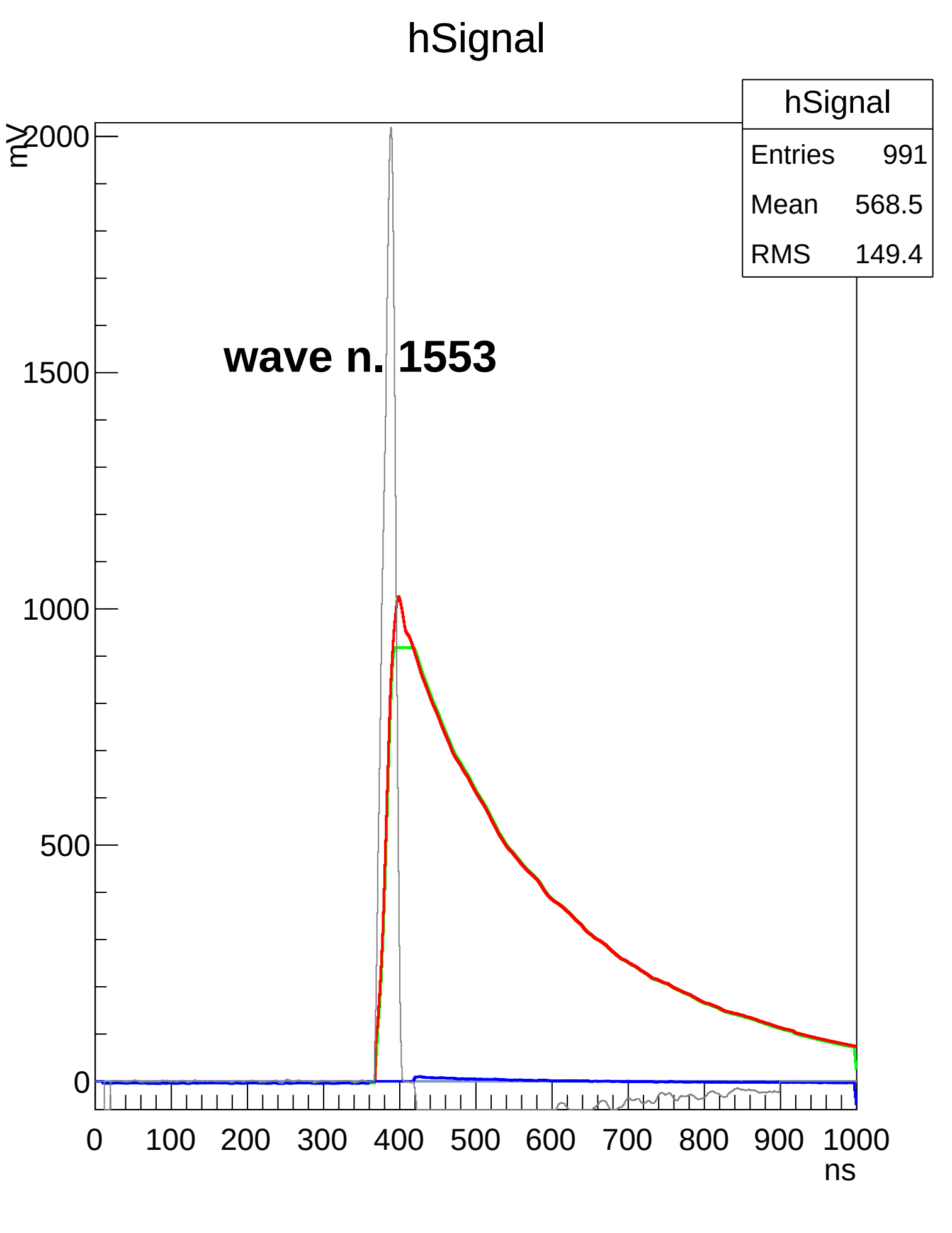
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 568.5
RMS 149.4
wave n. 1553
mV
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1500
1000
500
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0
100
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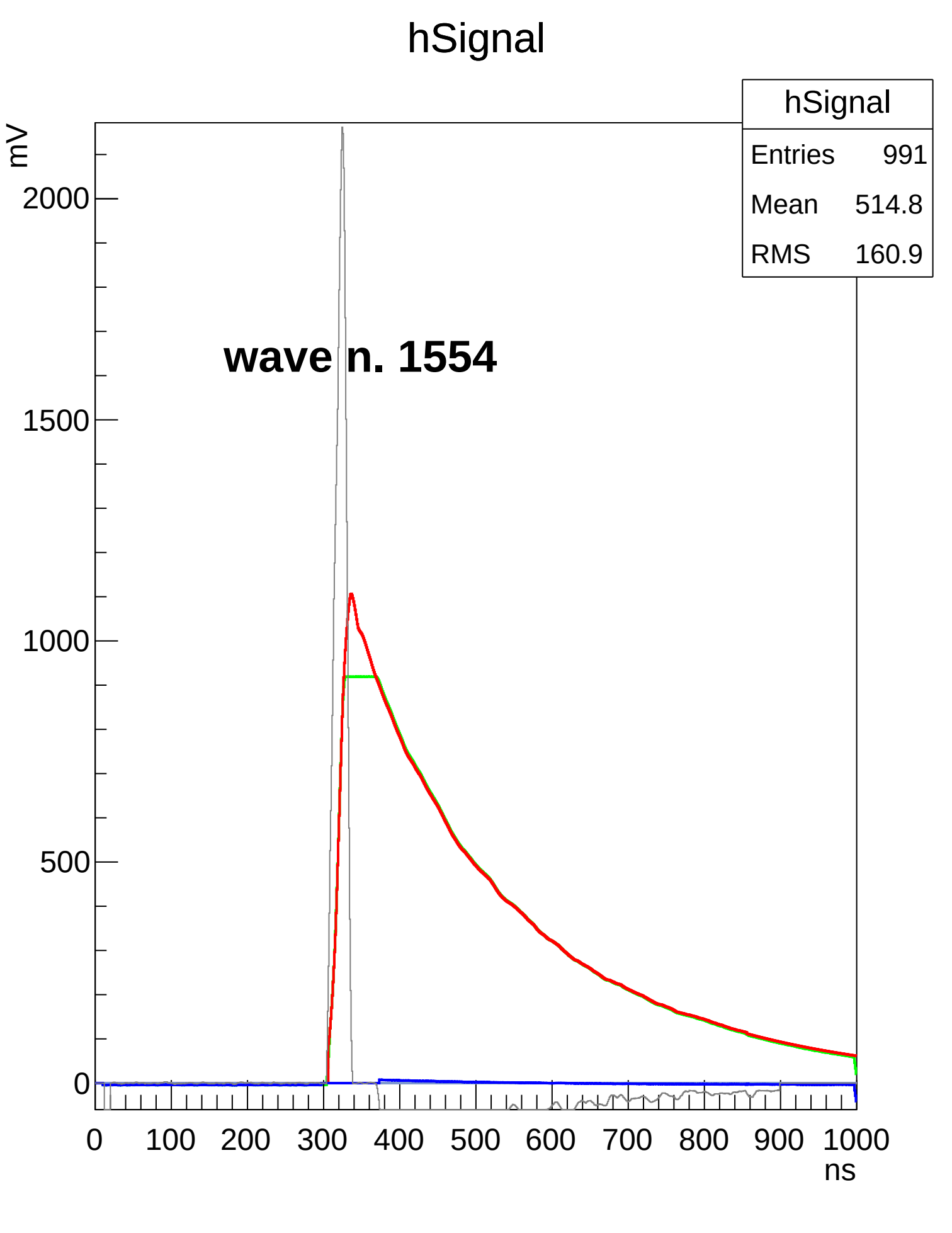
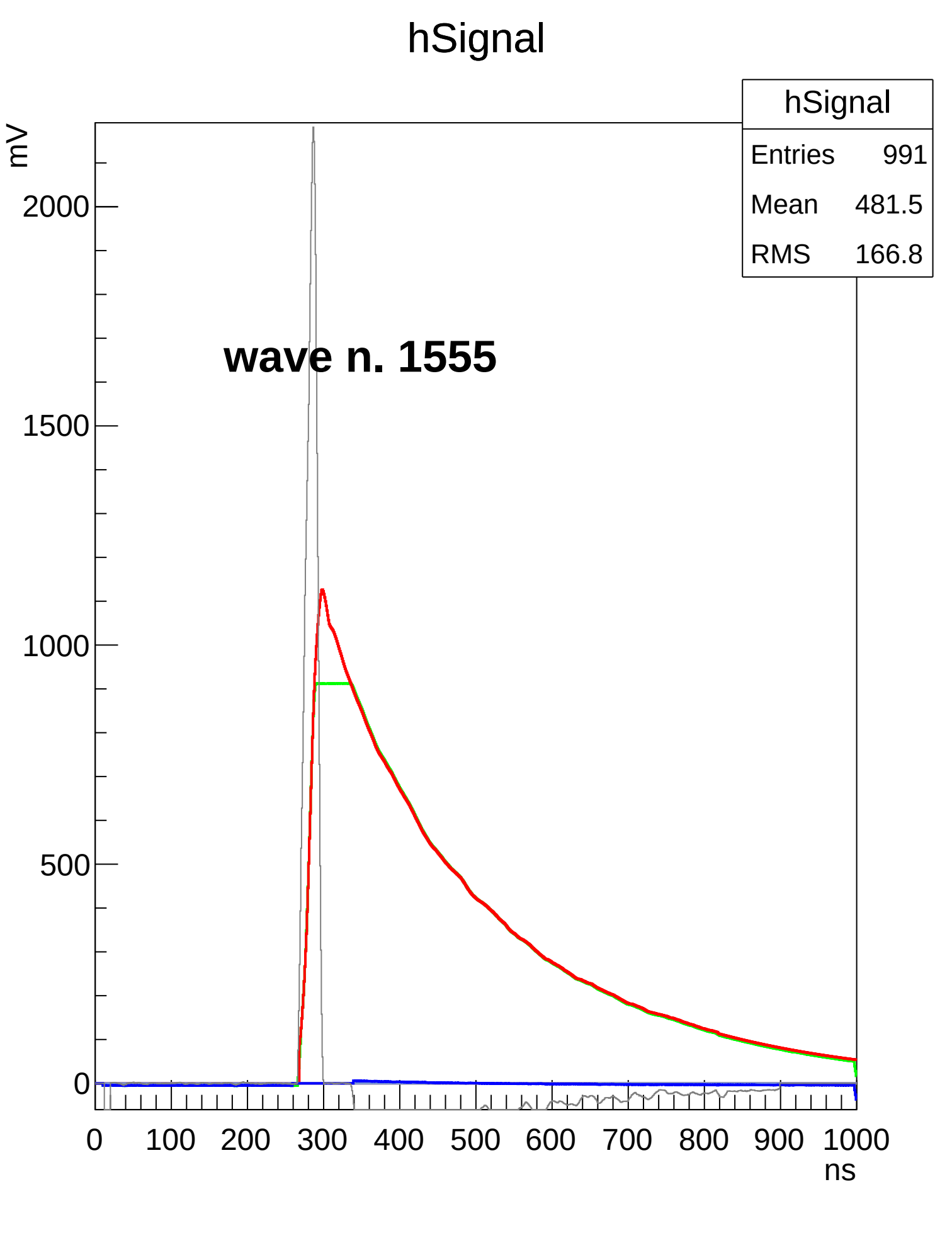
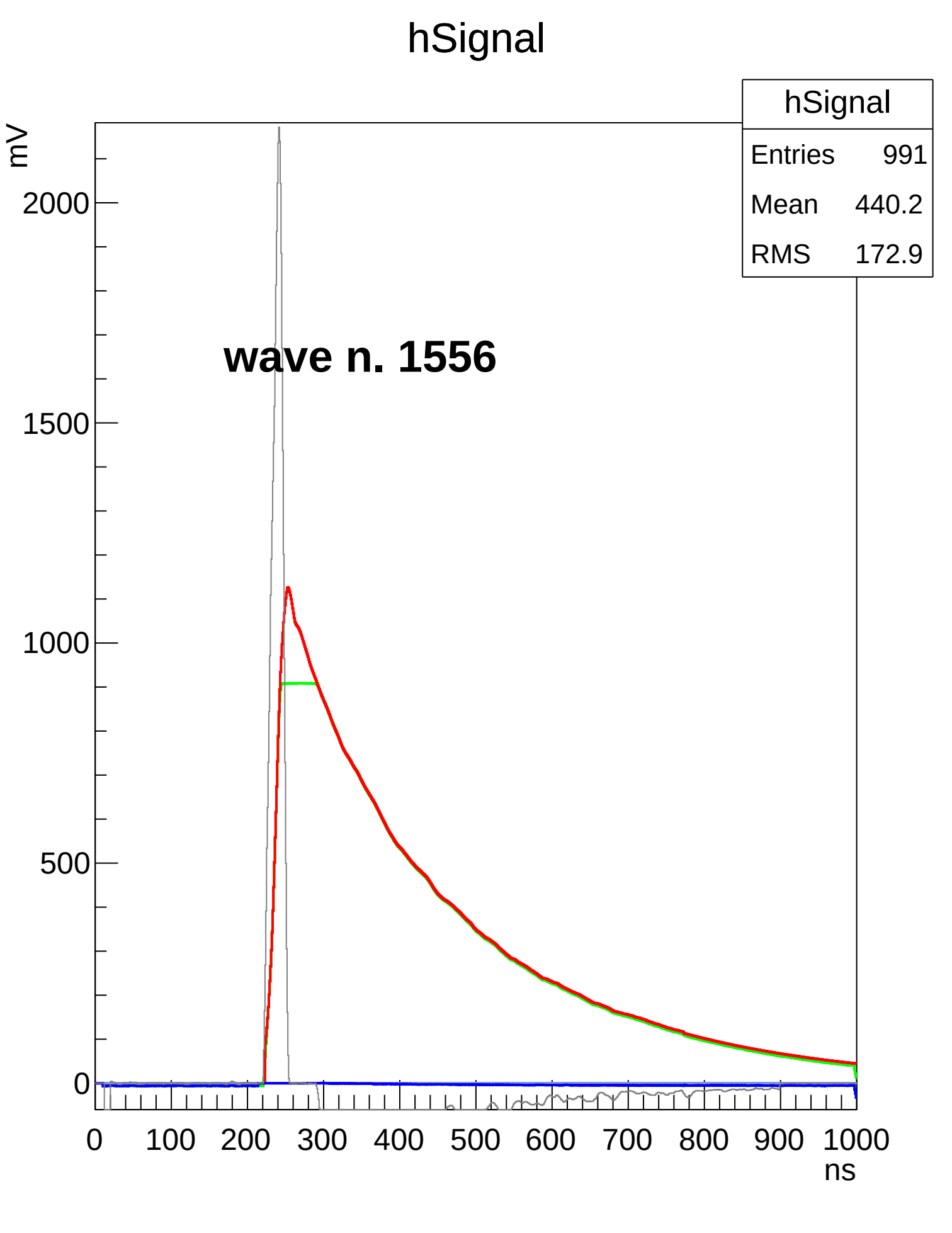
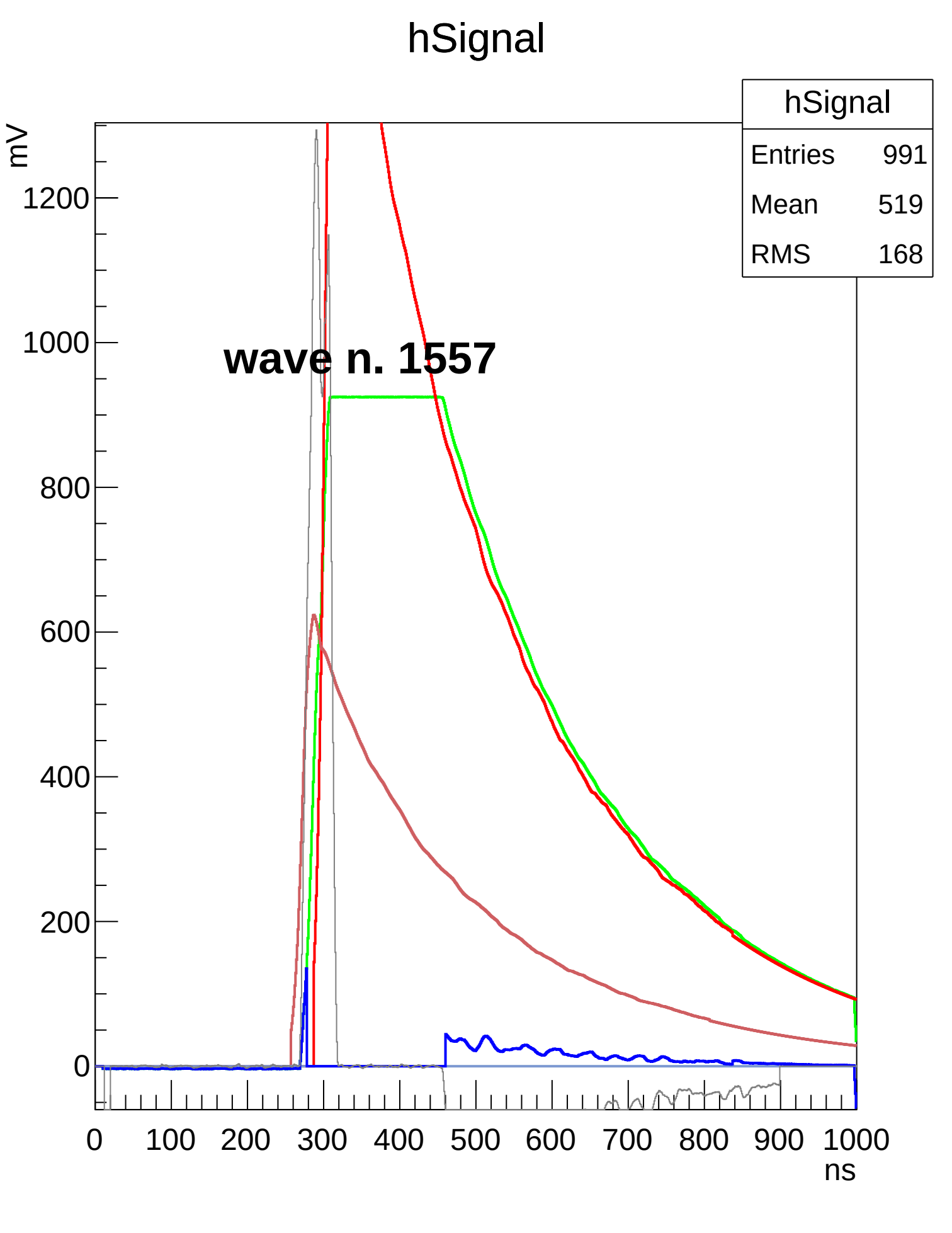
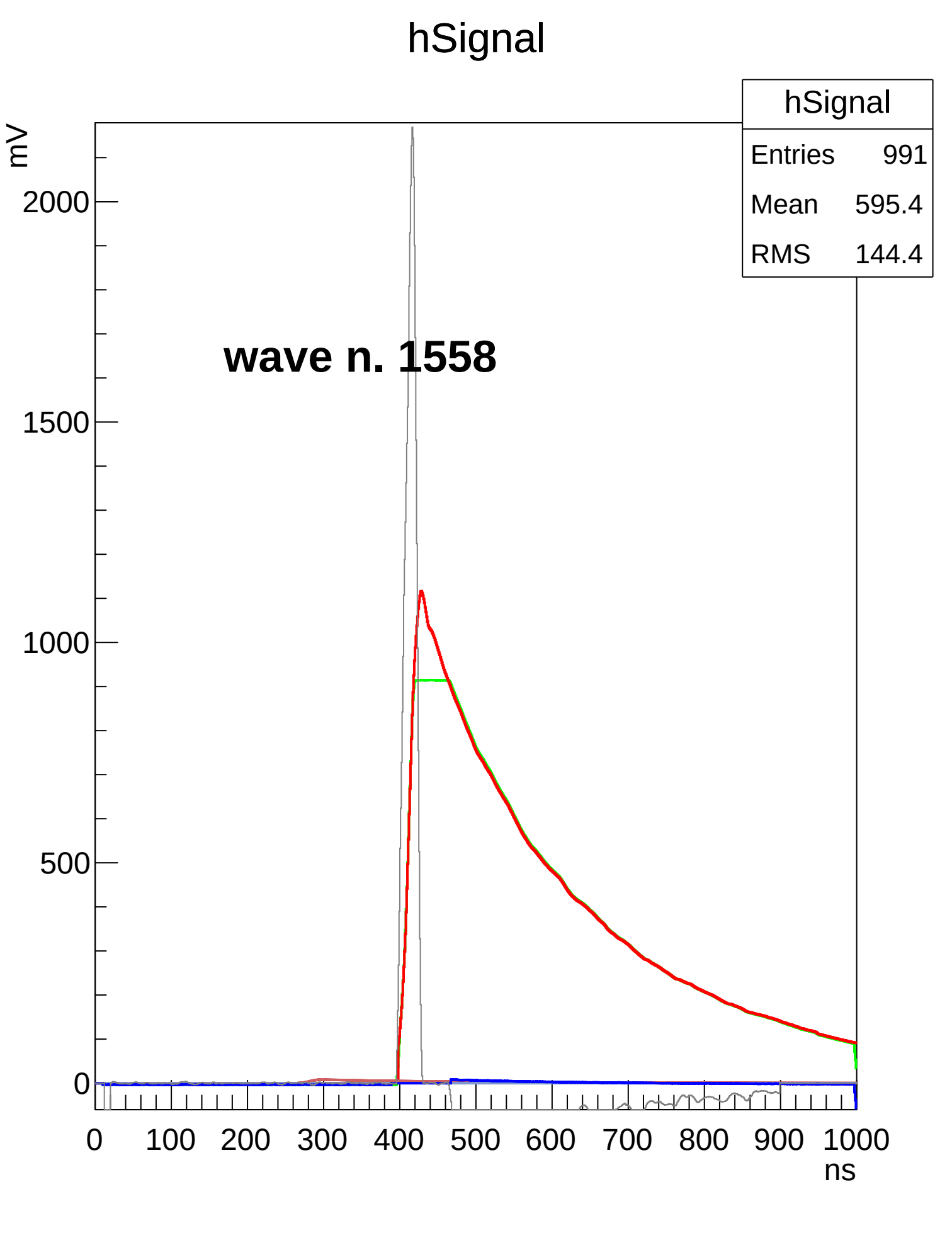
800
900
1000
ns

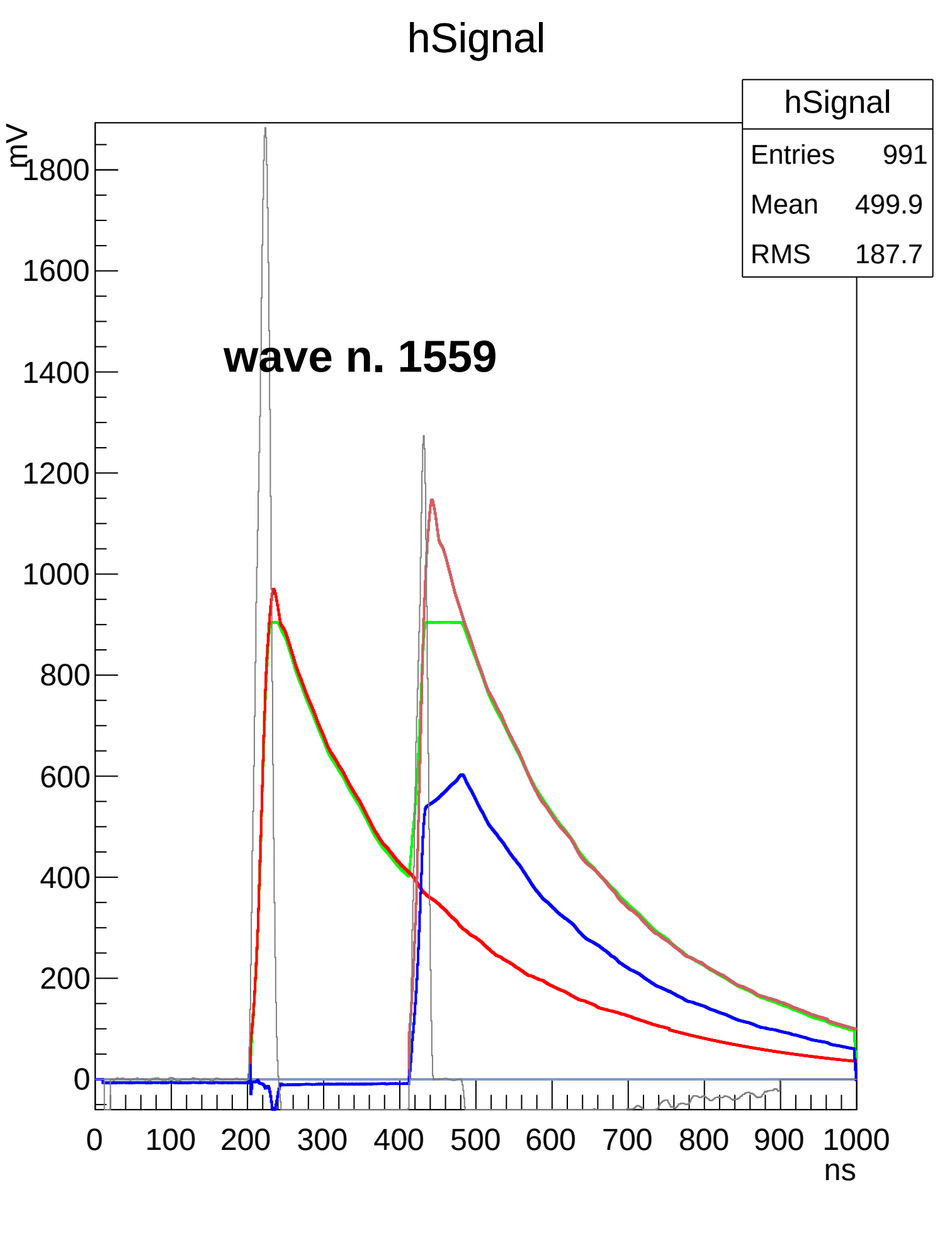

hSignal
hSignal
Entries 991
Mean 514.8
RMS 160.9
wave n. 1554
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

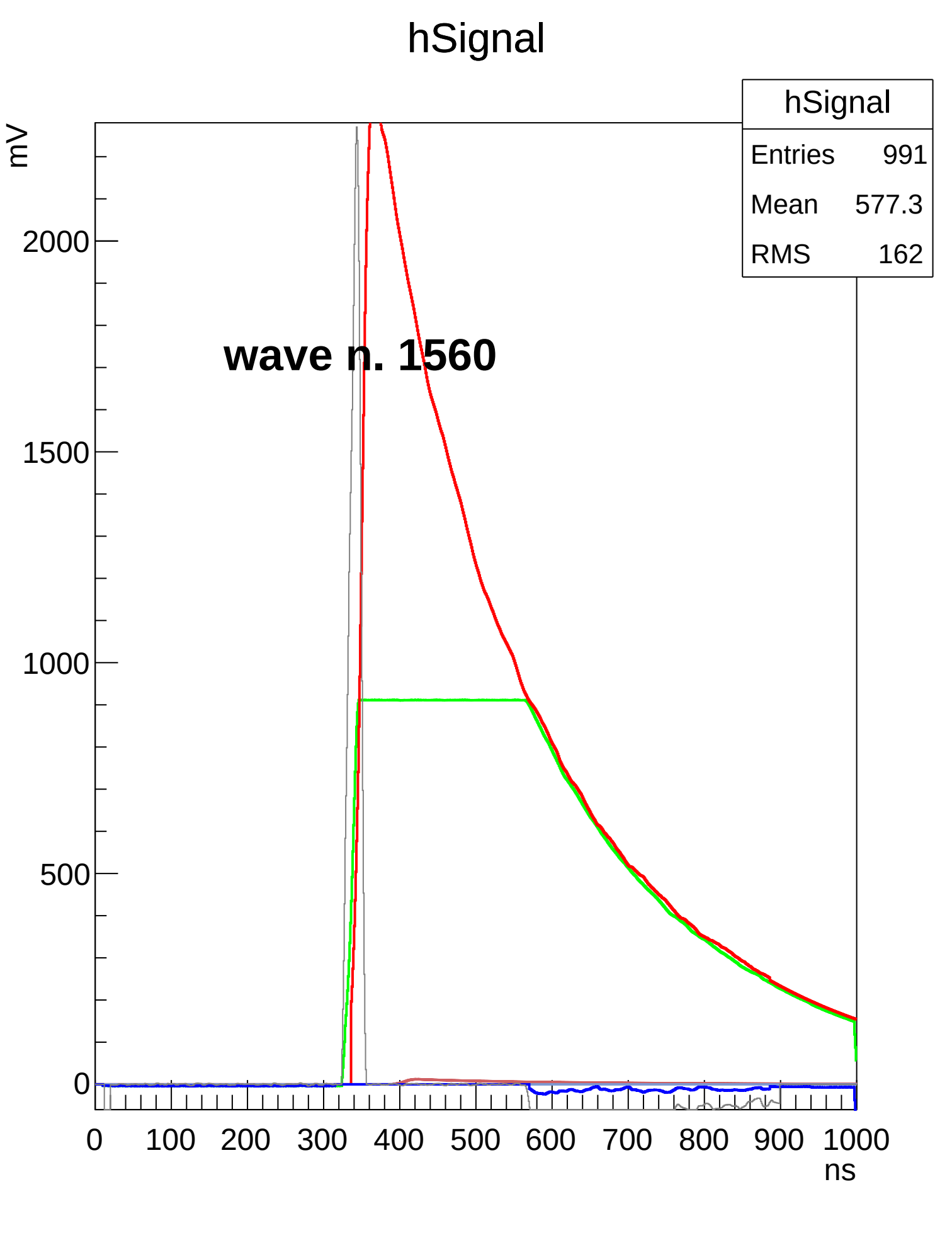

hSignal
hSignal
Entries 991
Mean 481.5
RMS 166.8
wave n. 1555
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 440.2
RMS 172.9
wave n. 1556
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 519
RMS 168
wave n. 1557
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 595.4
RMS 144.4
wave n. 1558
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.9
RMS 187.7
wave n. 1559
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.3
RMS 162
wave n. 1560
mV
2000
1500
1000
500
0
0
100
200
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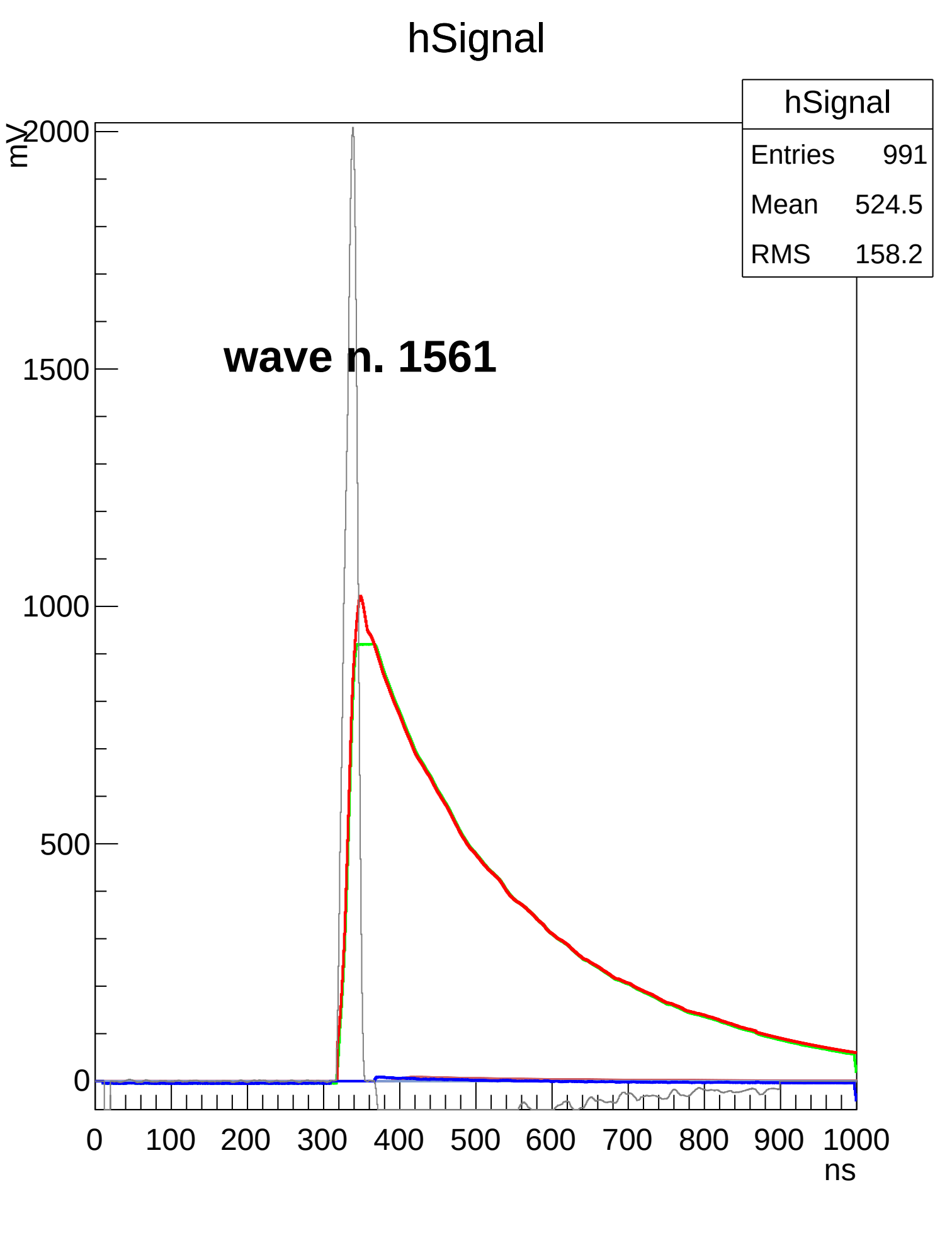
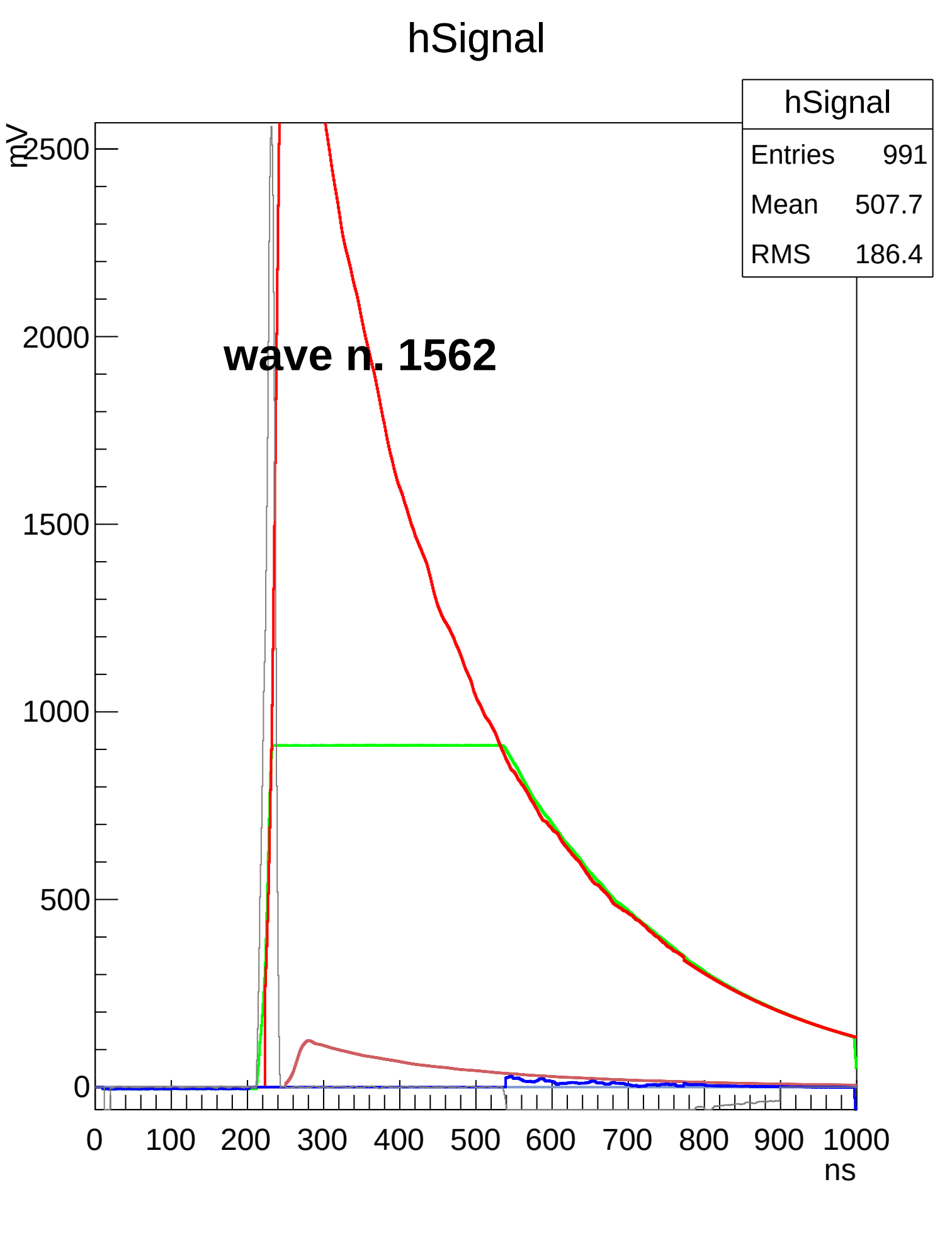
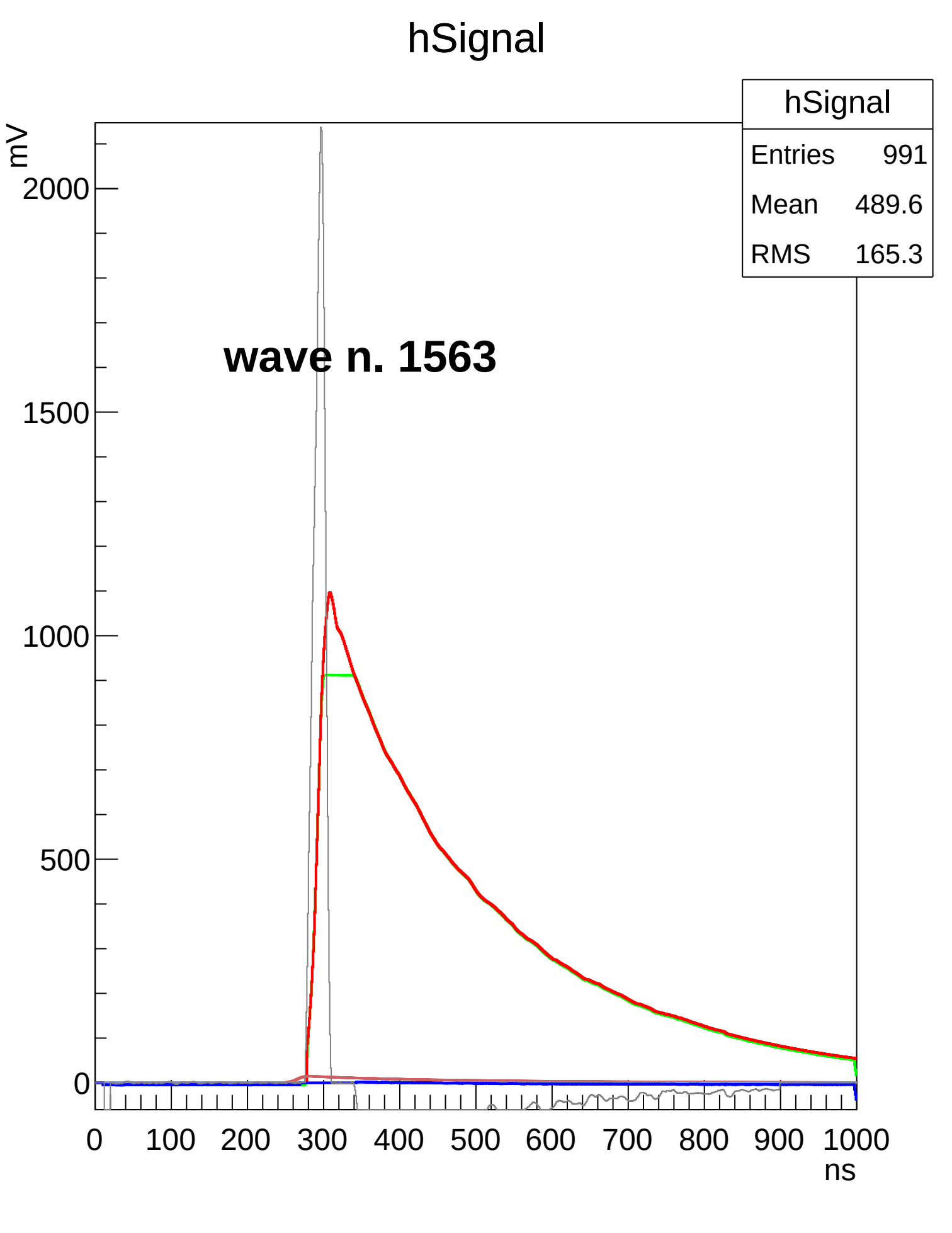
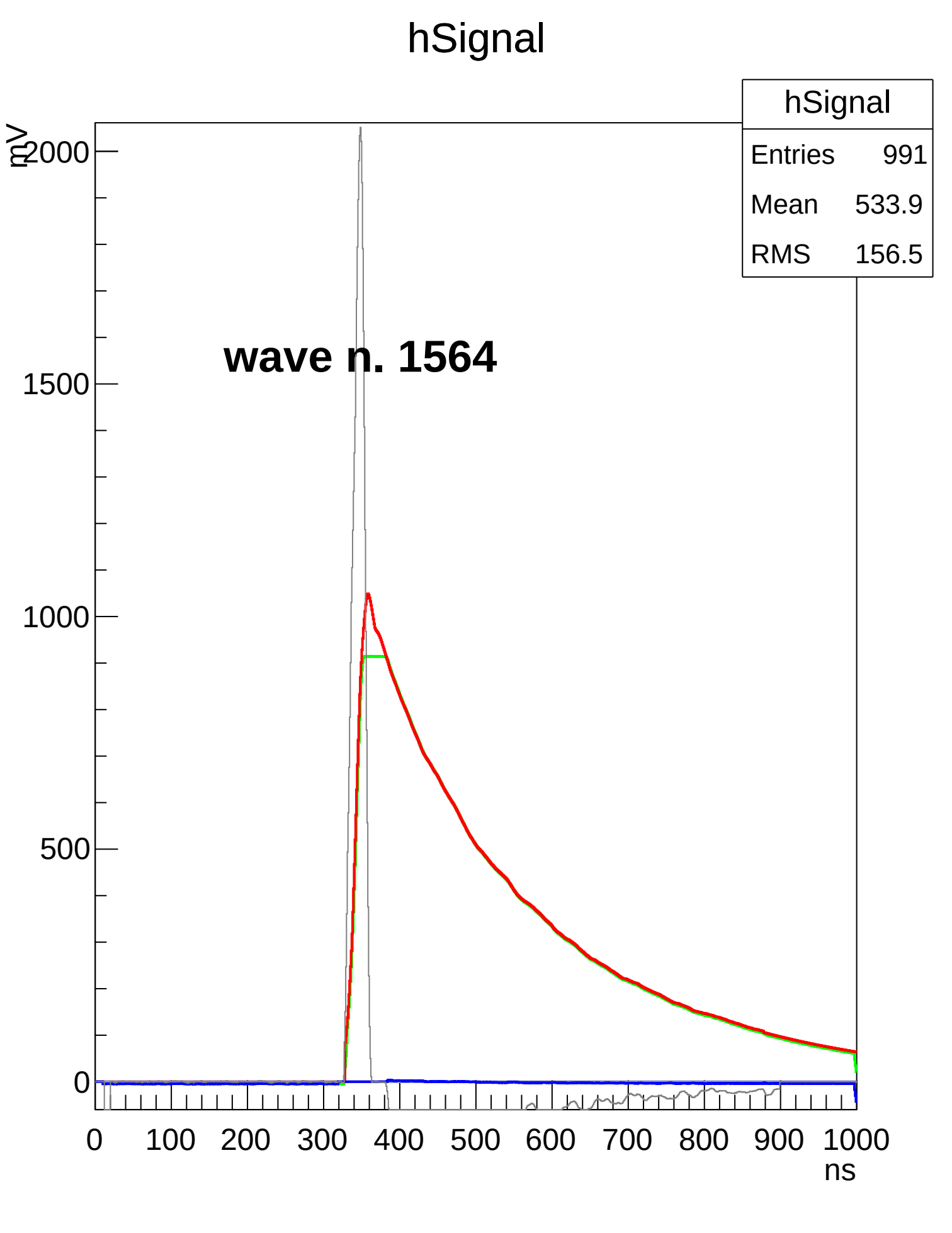
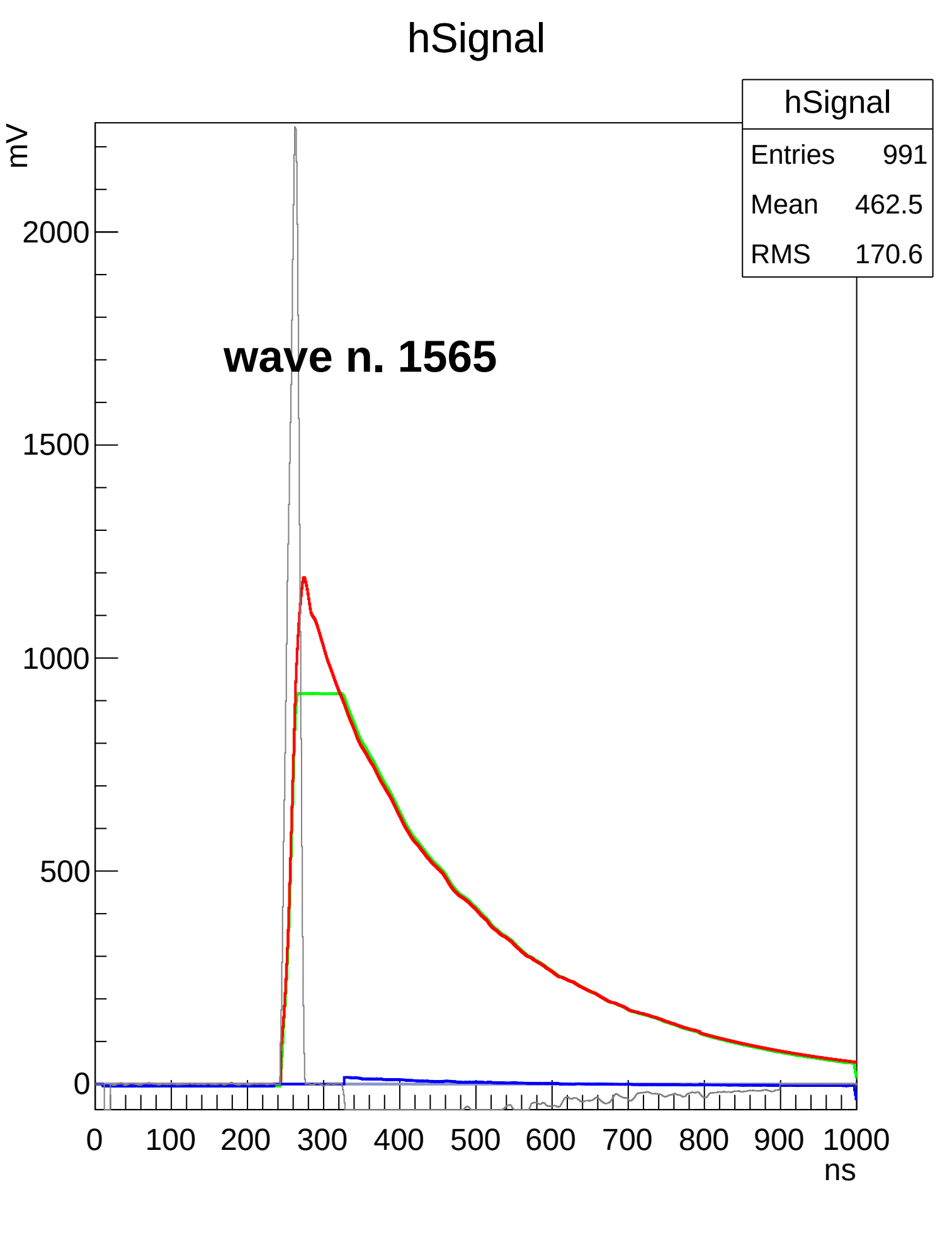
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 524.5
RMS 158.2
wave n. 1561
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507.7
RMS 186.4
wave n. 1562
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 489.6
RMS 165.3
wave n. 1563
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 533.9
RMS 156.5
wave n. 1564
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 462.5
RMS 170.6
wave n. 1565
mV
2000
1500
1000
500
0
0
100
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400
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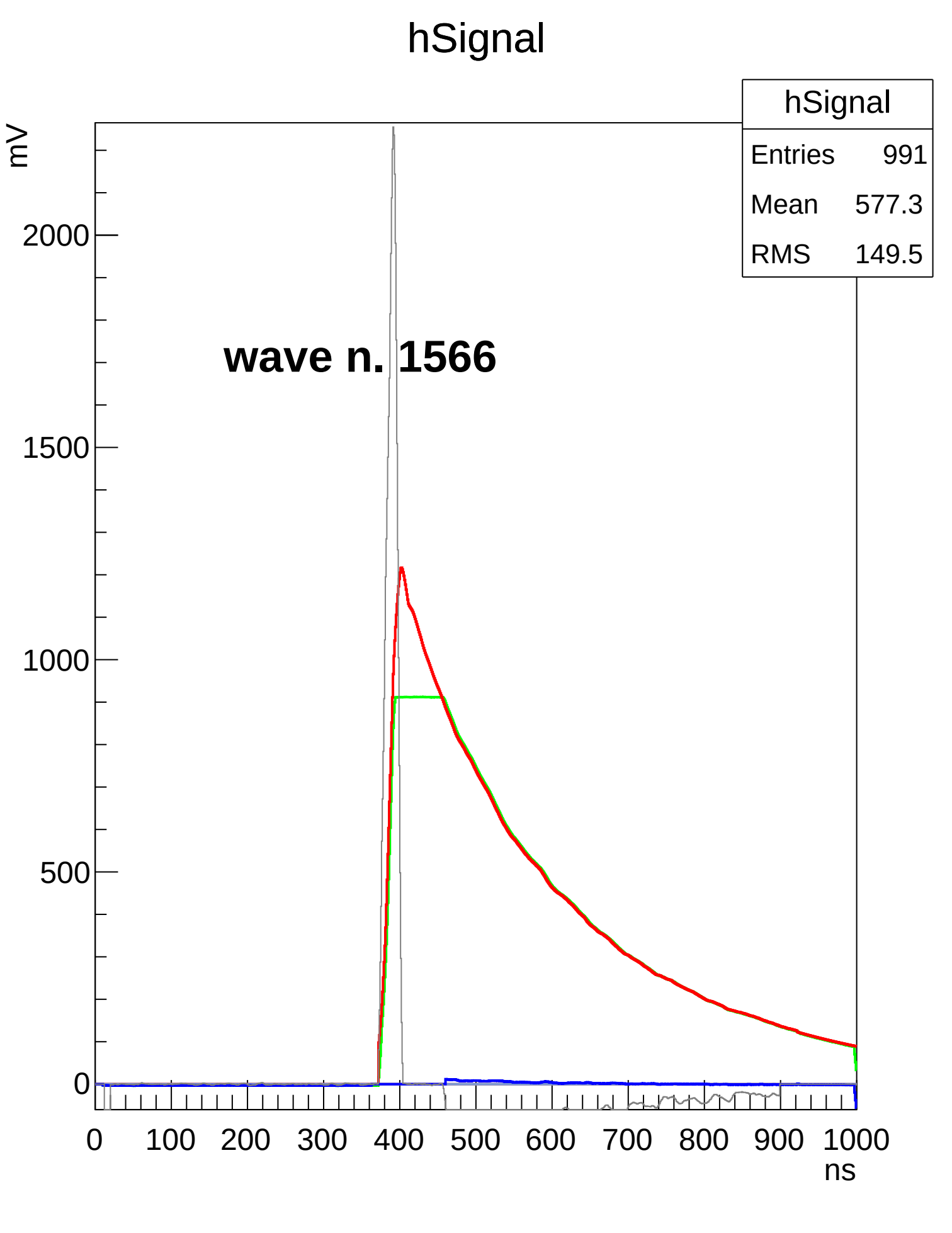
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.3
RMS 149.5
wave n. 1566
mV
2000
1500
1000
500
0
0
100
200
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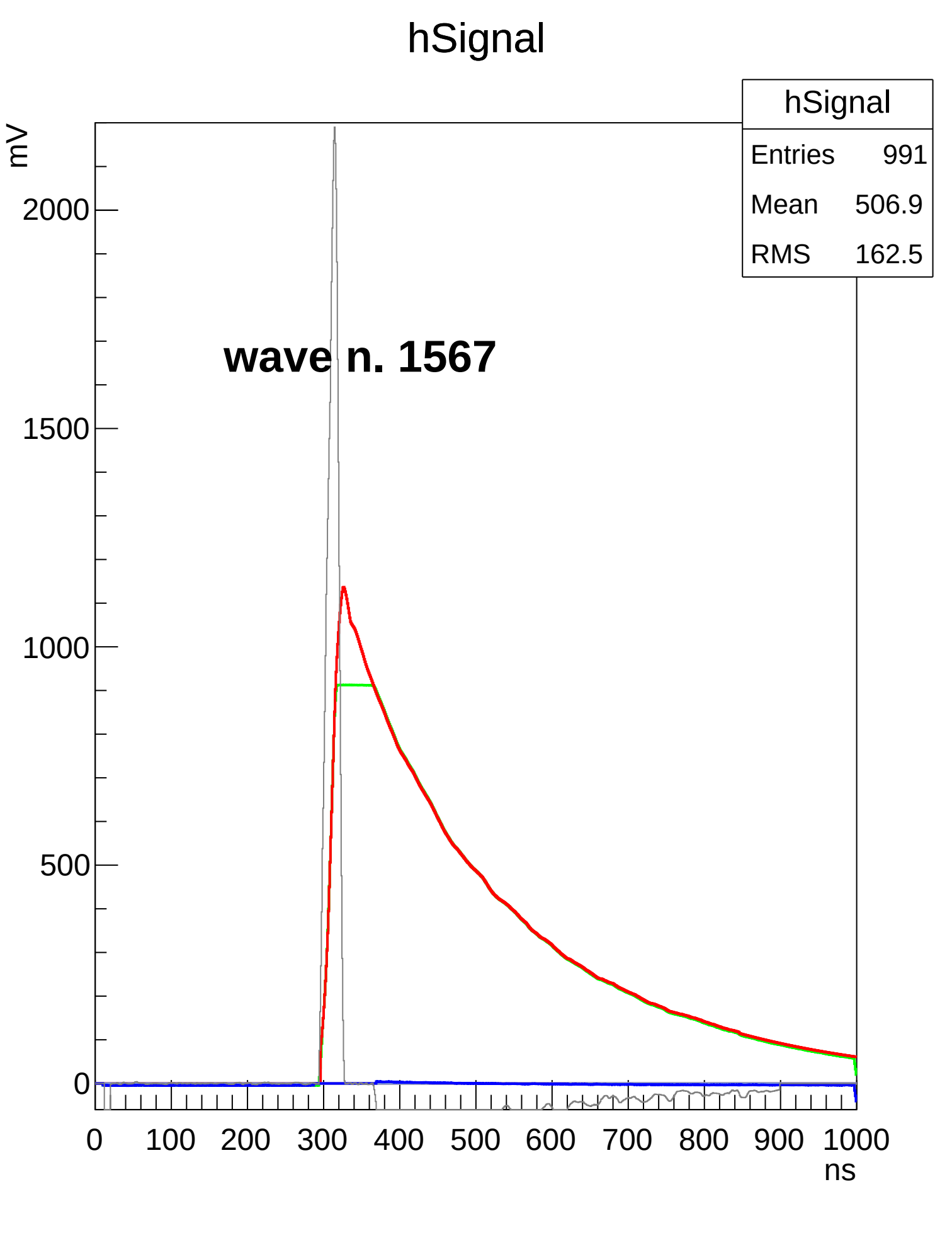
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506.9
RMS 162.5
wave n. 1567
mV
2000
1500
1000
500
0
0
100
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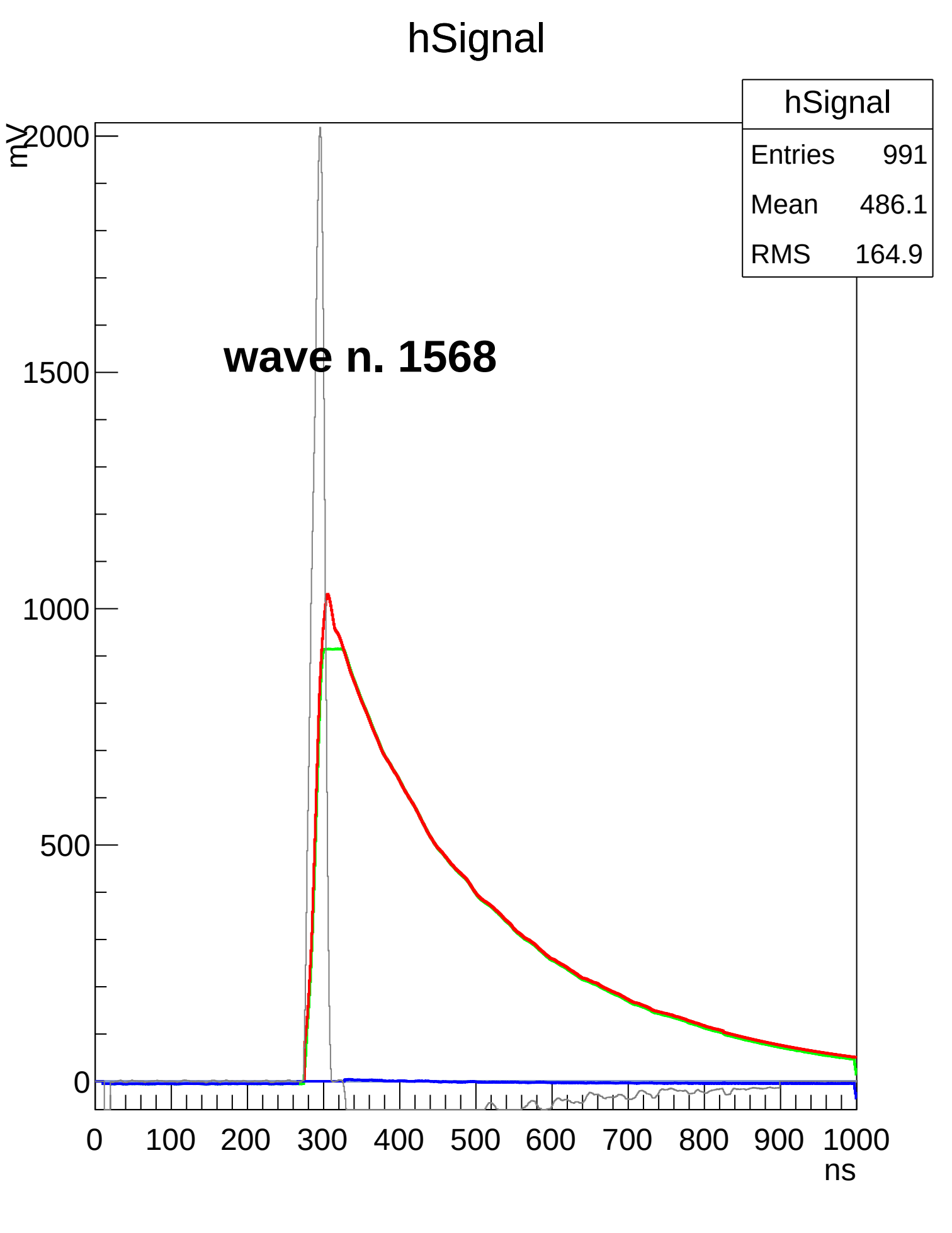
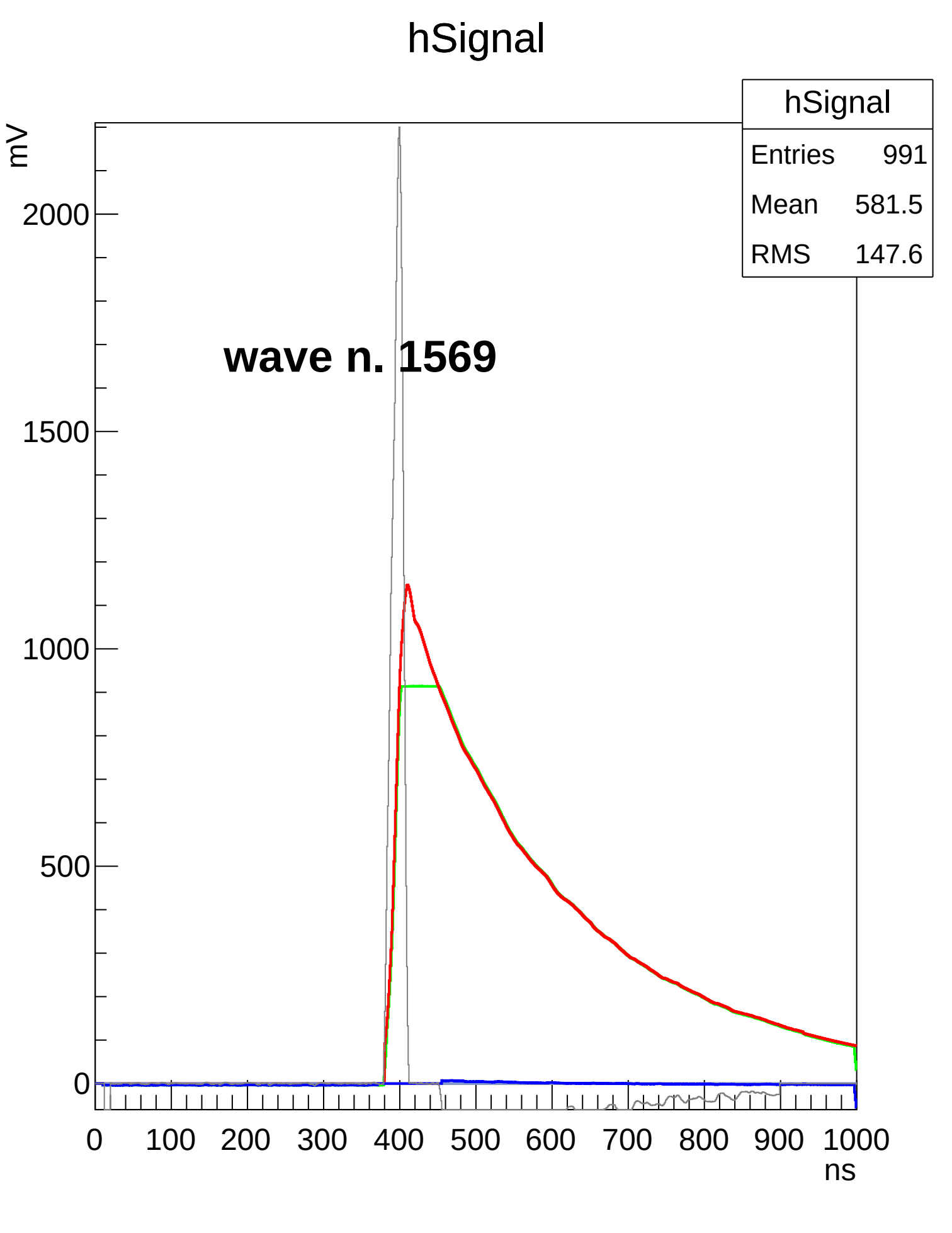
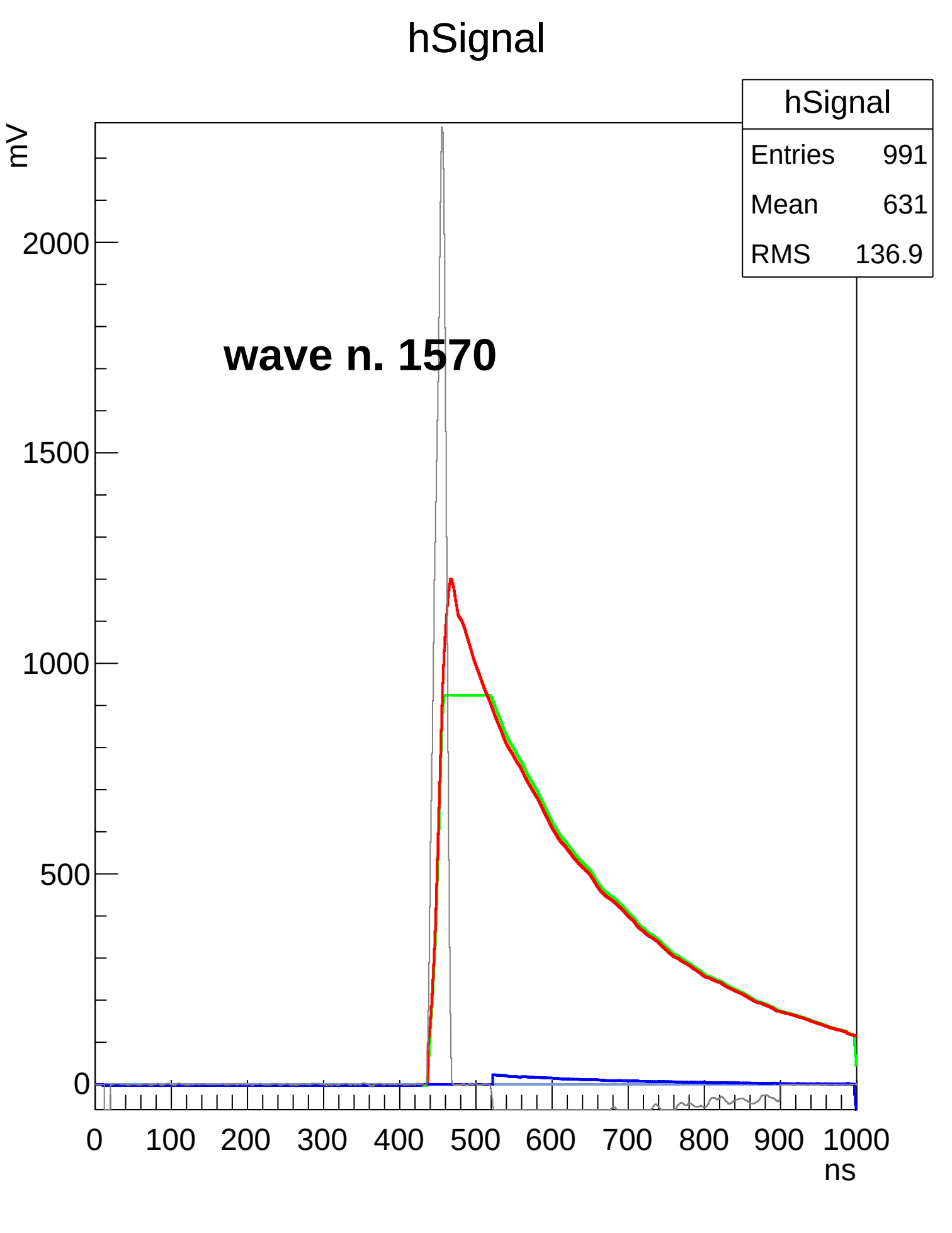
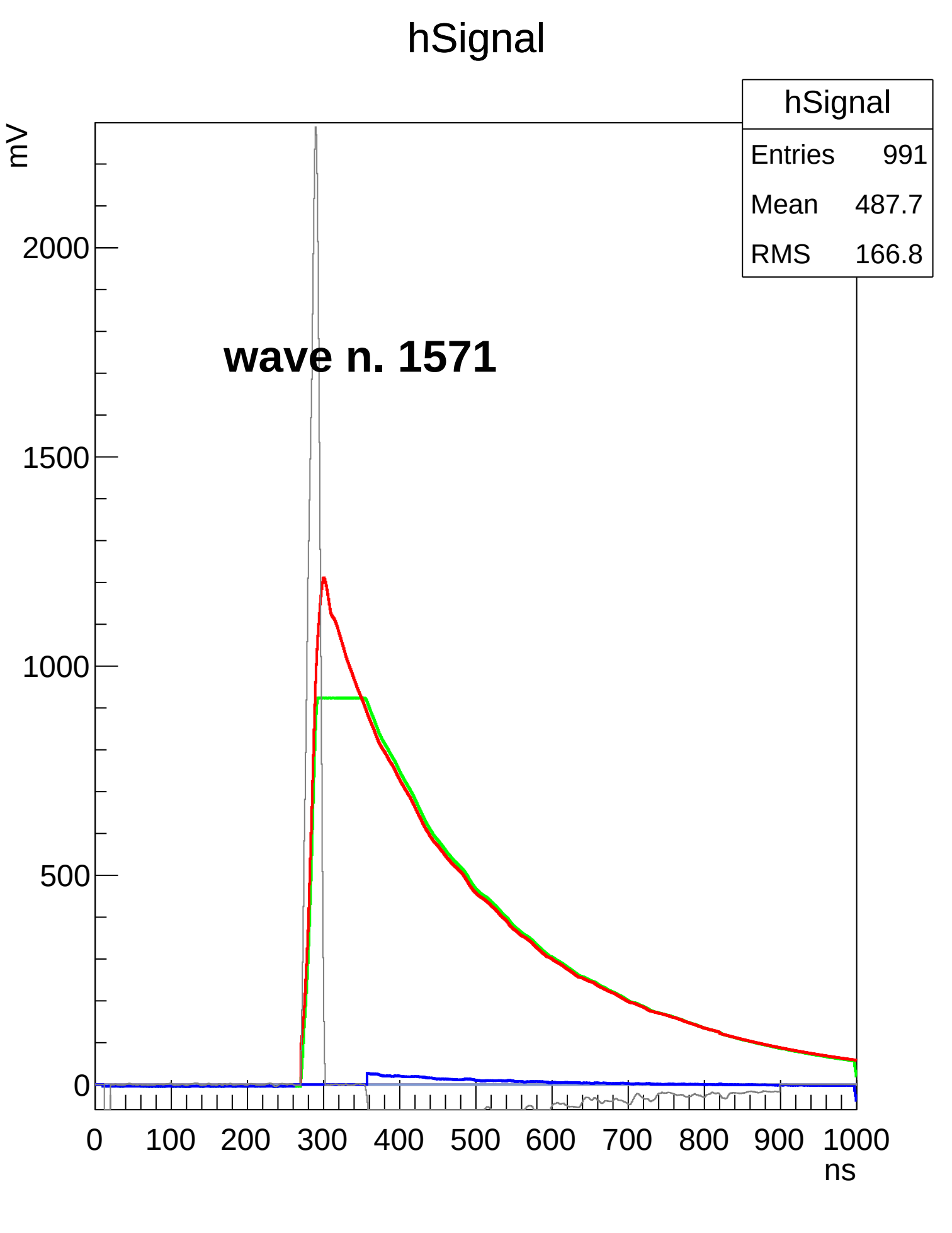
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486.1
RMS 164.9
wave n. 1568
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 581.5
RMS 147.6
wave n. 1569
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 631
RMS 136.9
wave n. 1570
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 487.7
RMS 166.8
wave n. 1571
mV
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1500
1000
500
0
0
100
200
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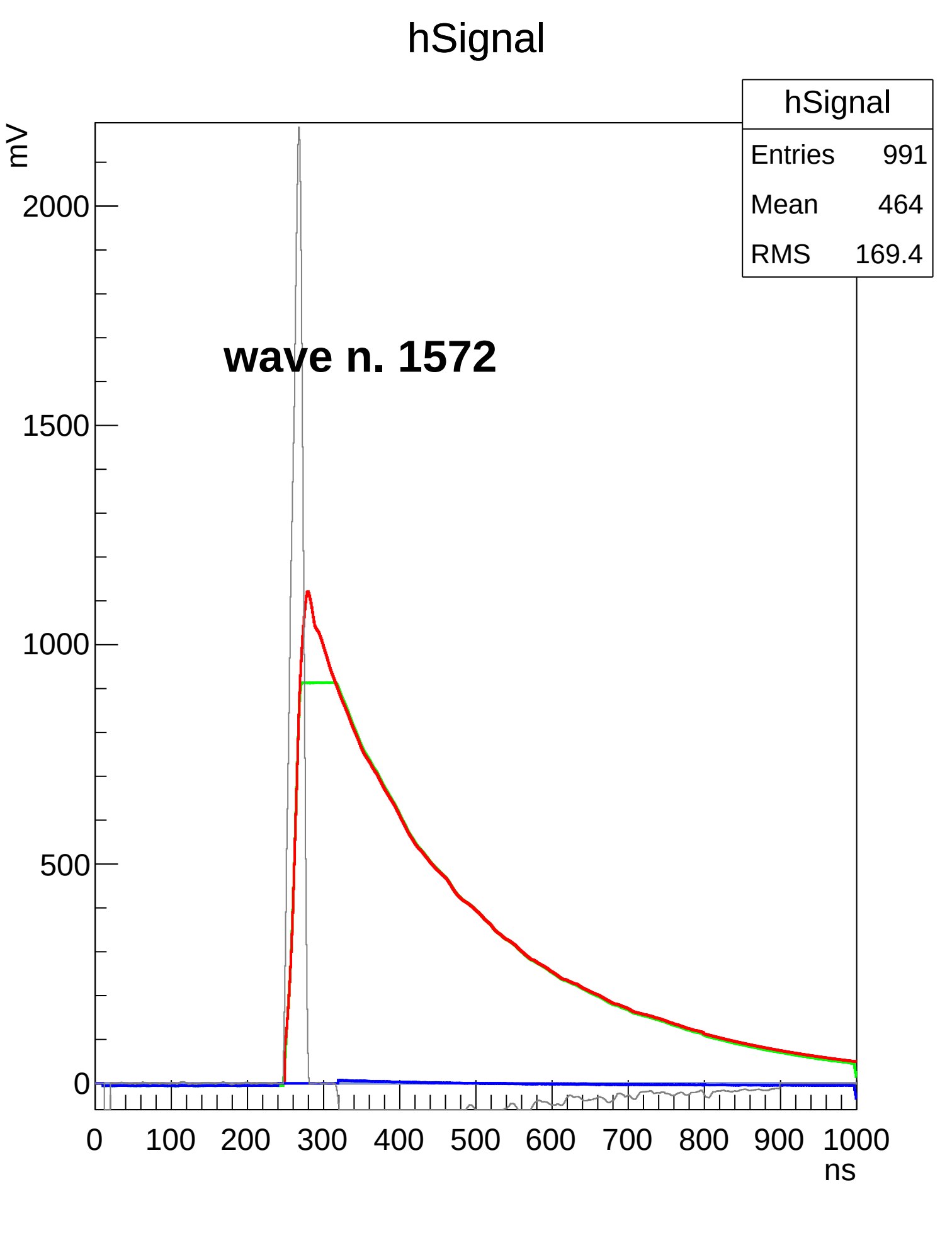
400
500
600
700
800
900
1000
ns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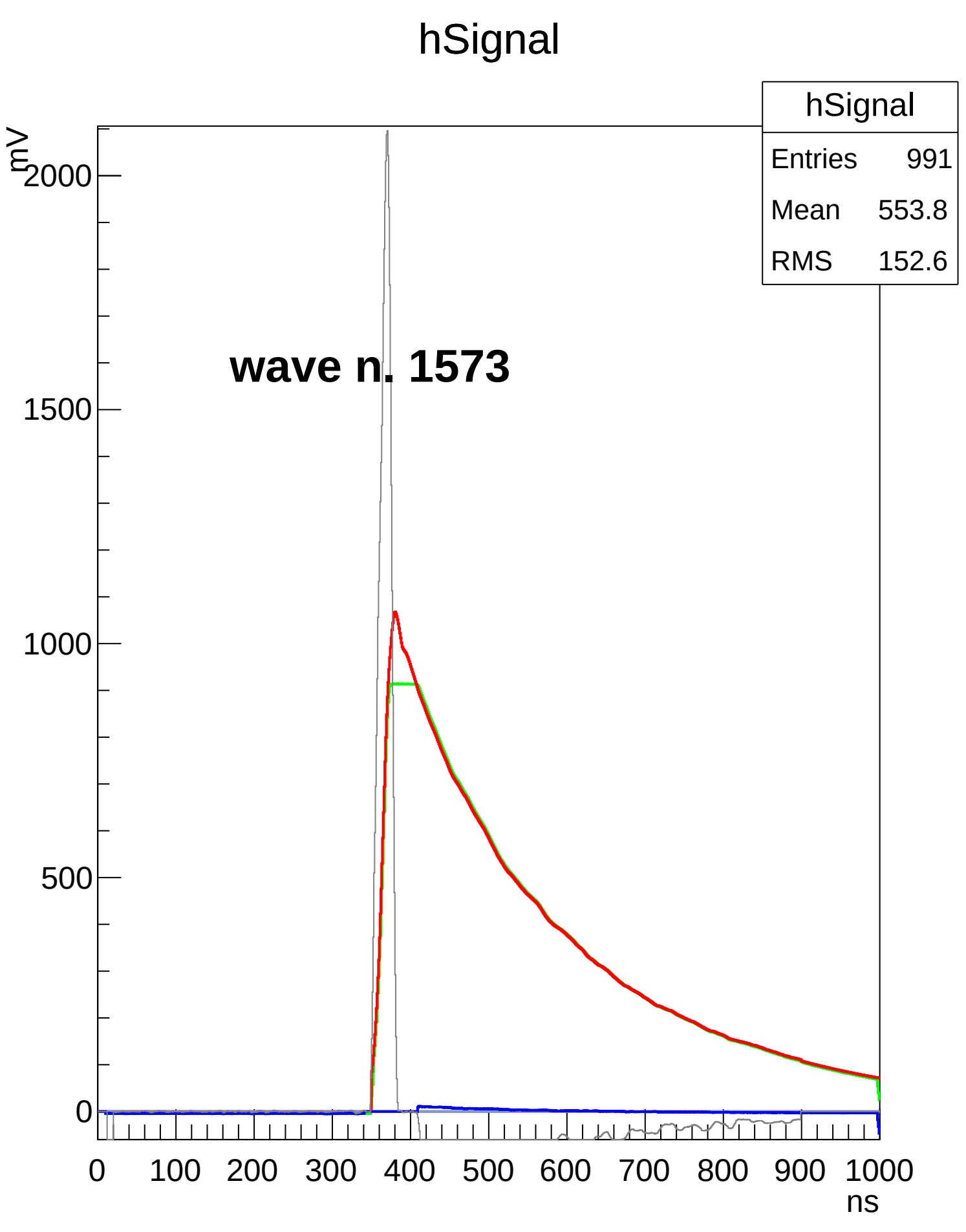
hSignal
Entries 991
Mean 464
RMS 169.4
wave n. 1572
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 553.8
RMS 152.6
wave n. 1573
mV
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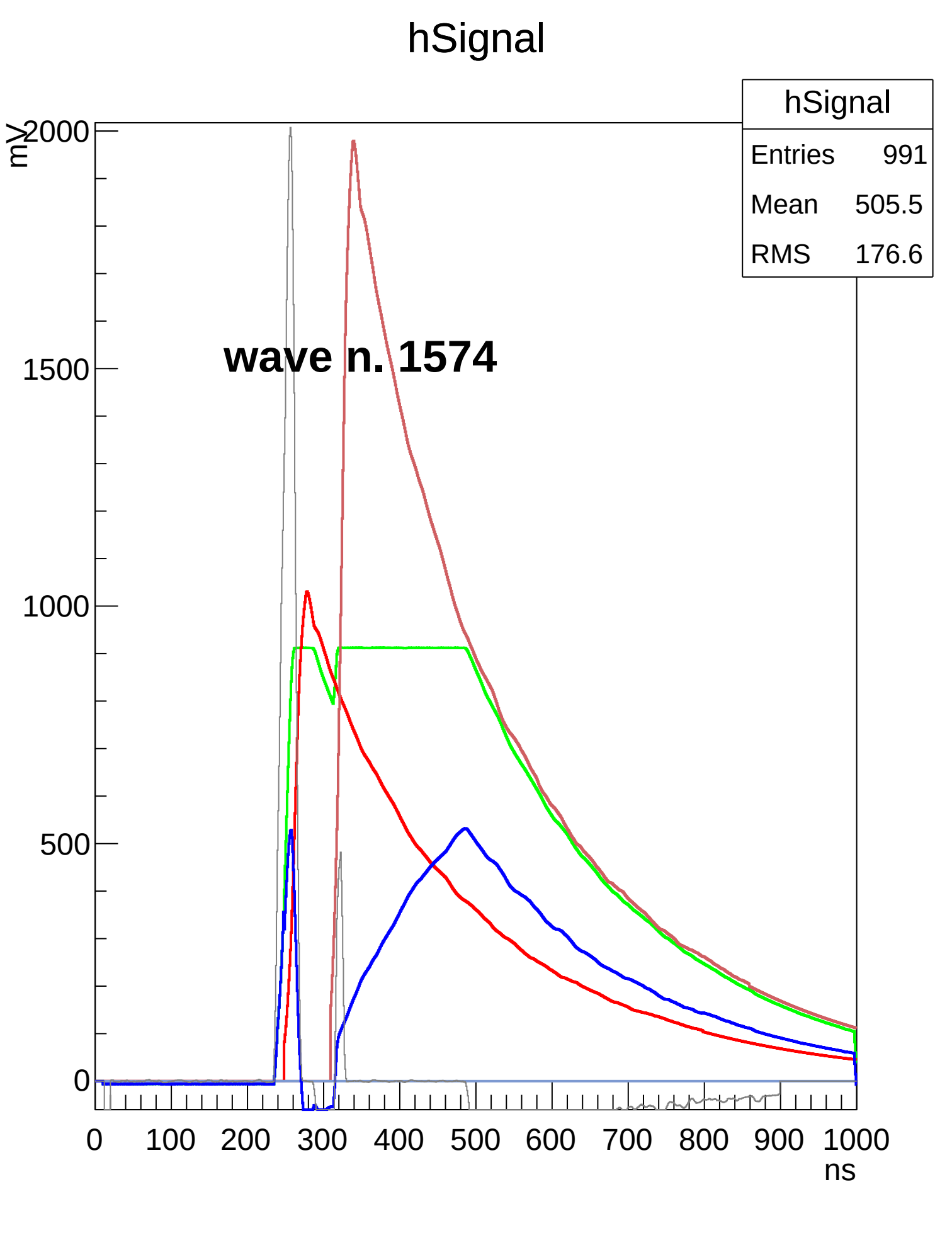
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.5
RMS 176.6
wave n. 1574
mV
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1500
1000
500
0
0
100
200
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400
500
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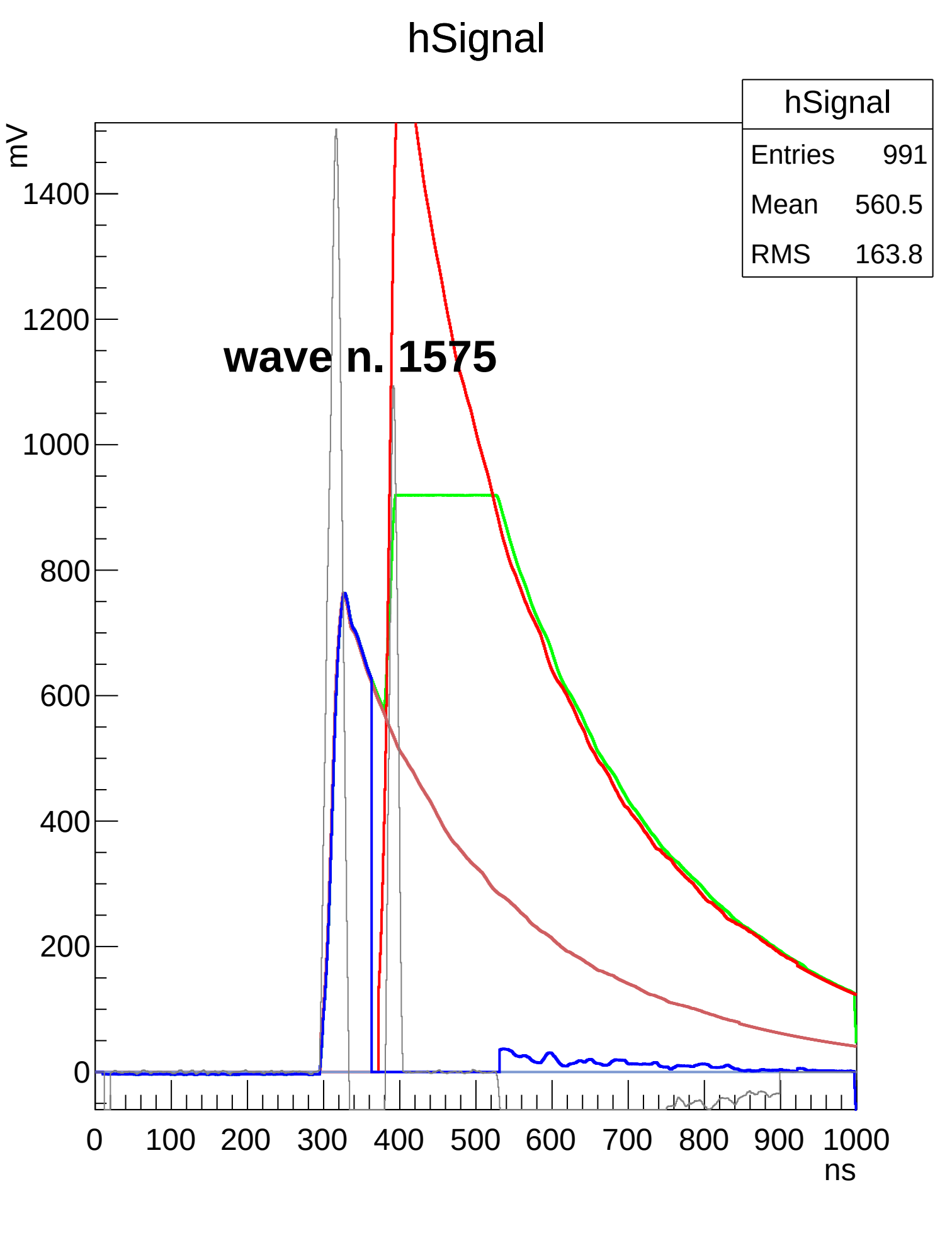
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.5
RMS 163.8
wave n. 1575
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
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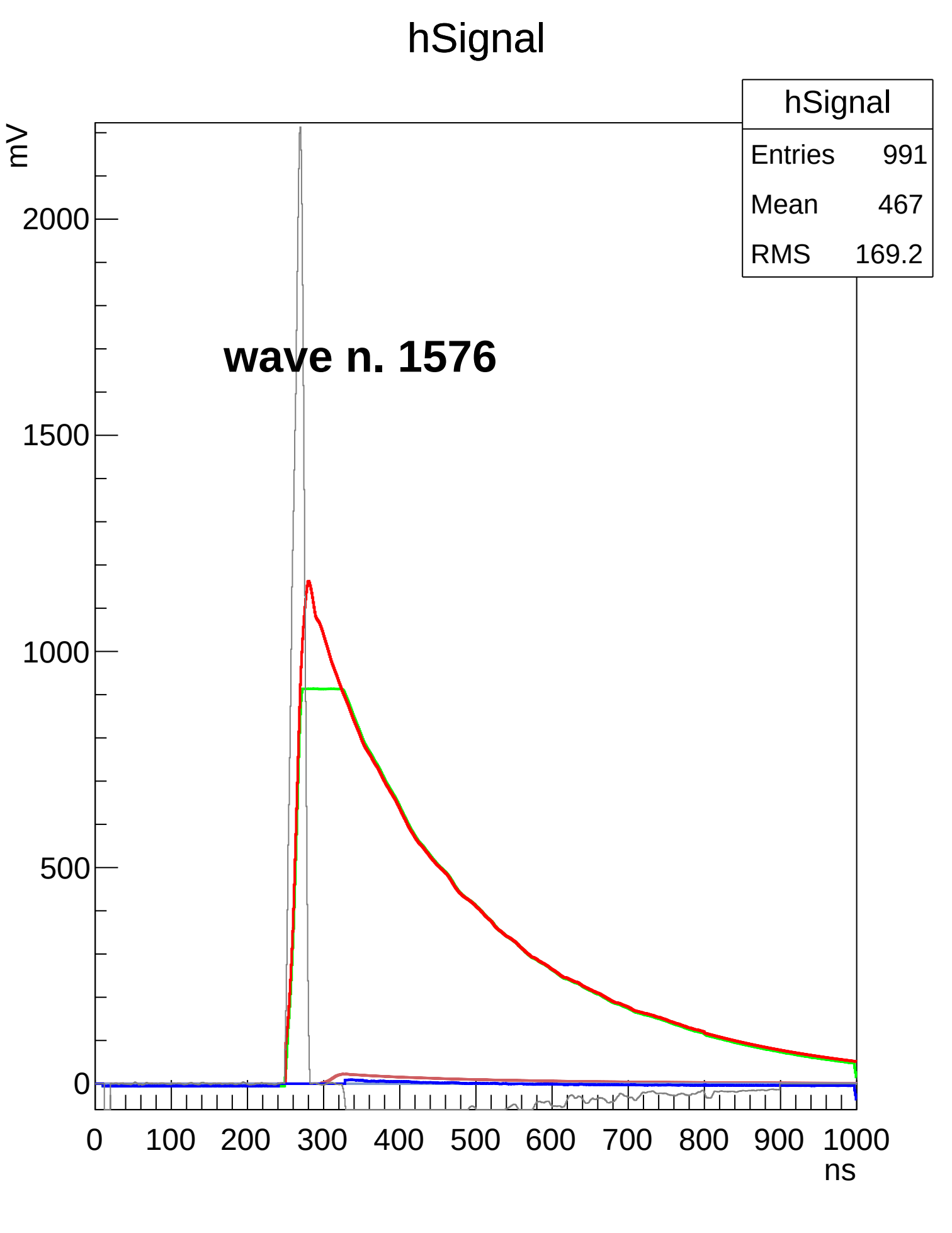
1000
ns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hSignal
Entries 991
Mean 467
RMS 169.2
wave n. 1576
mV
2000
1500
1000
500
0
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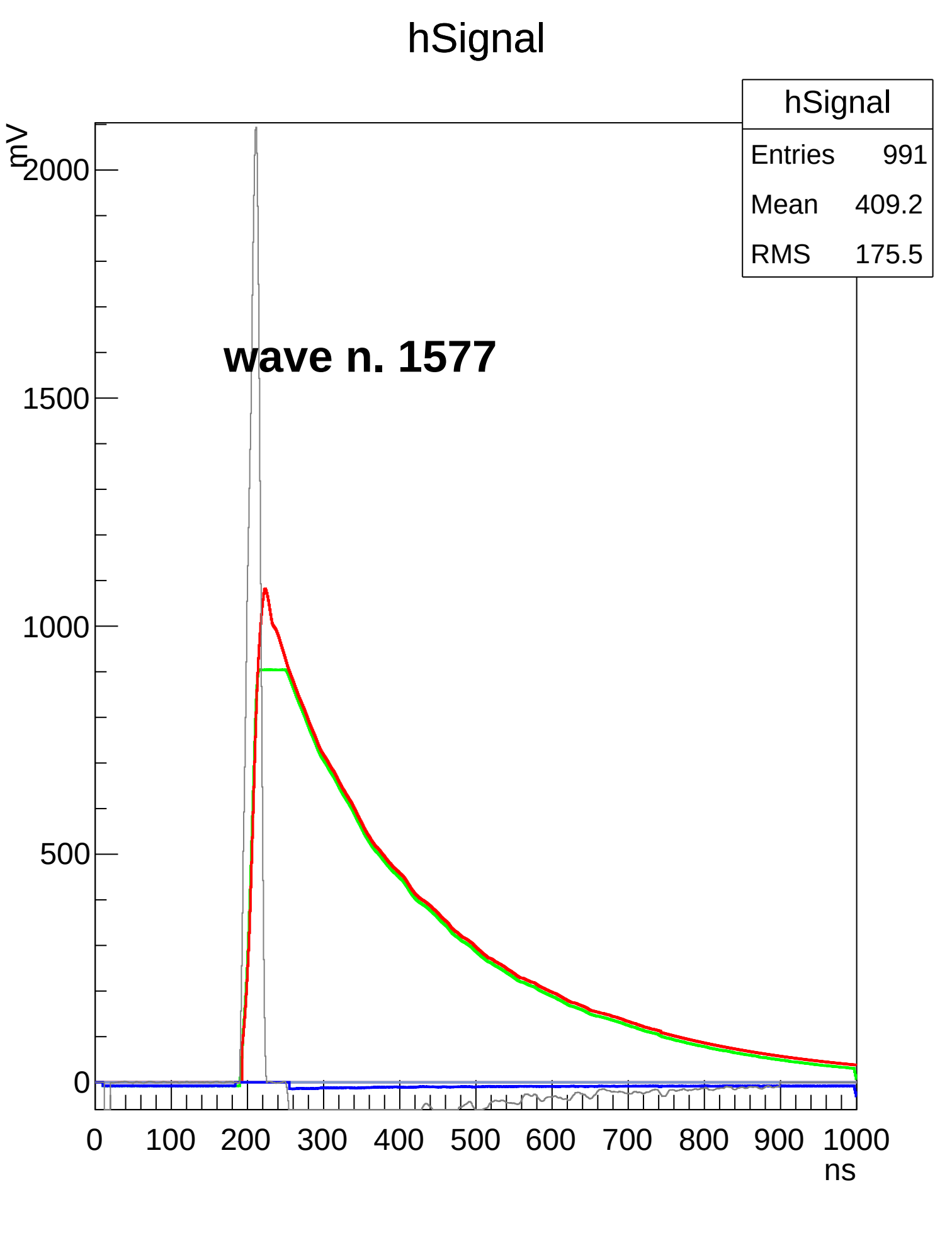
ns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hSignal
Entries 991
Mean 409.2
RMS 175.5
wave n. 1577
mV
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1000
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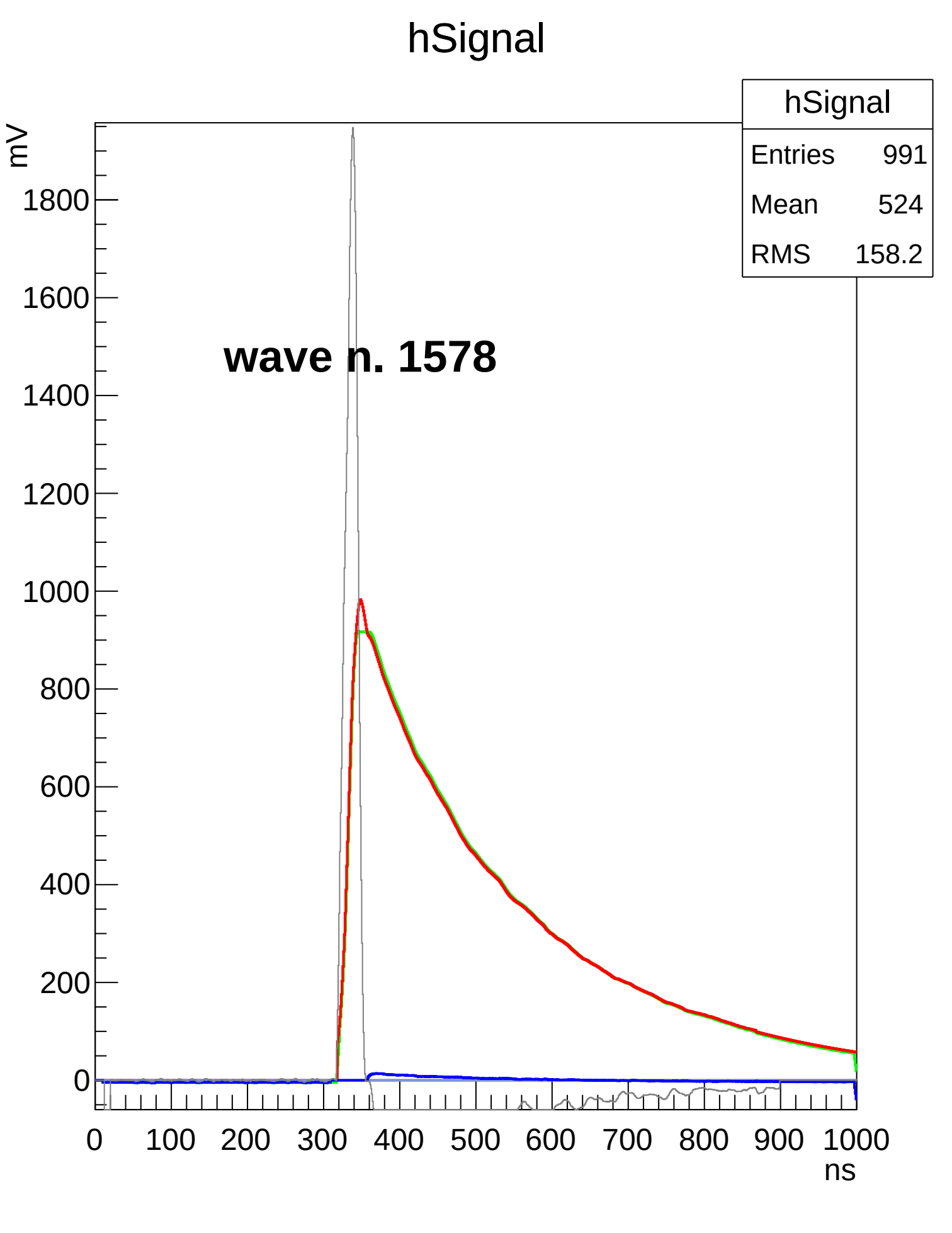
1000
ns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hSignal
Entries 991
Mean 524
RMS 158.2
wave n. 1578
mV
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1600
1400
1200
1000
800
600
400
200
0
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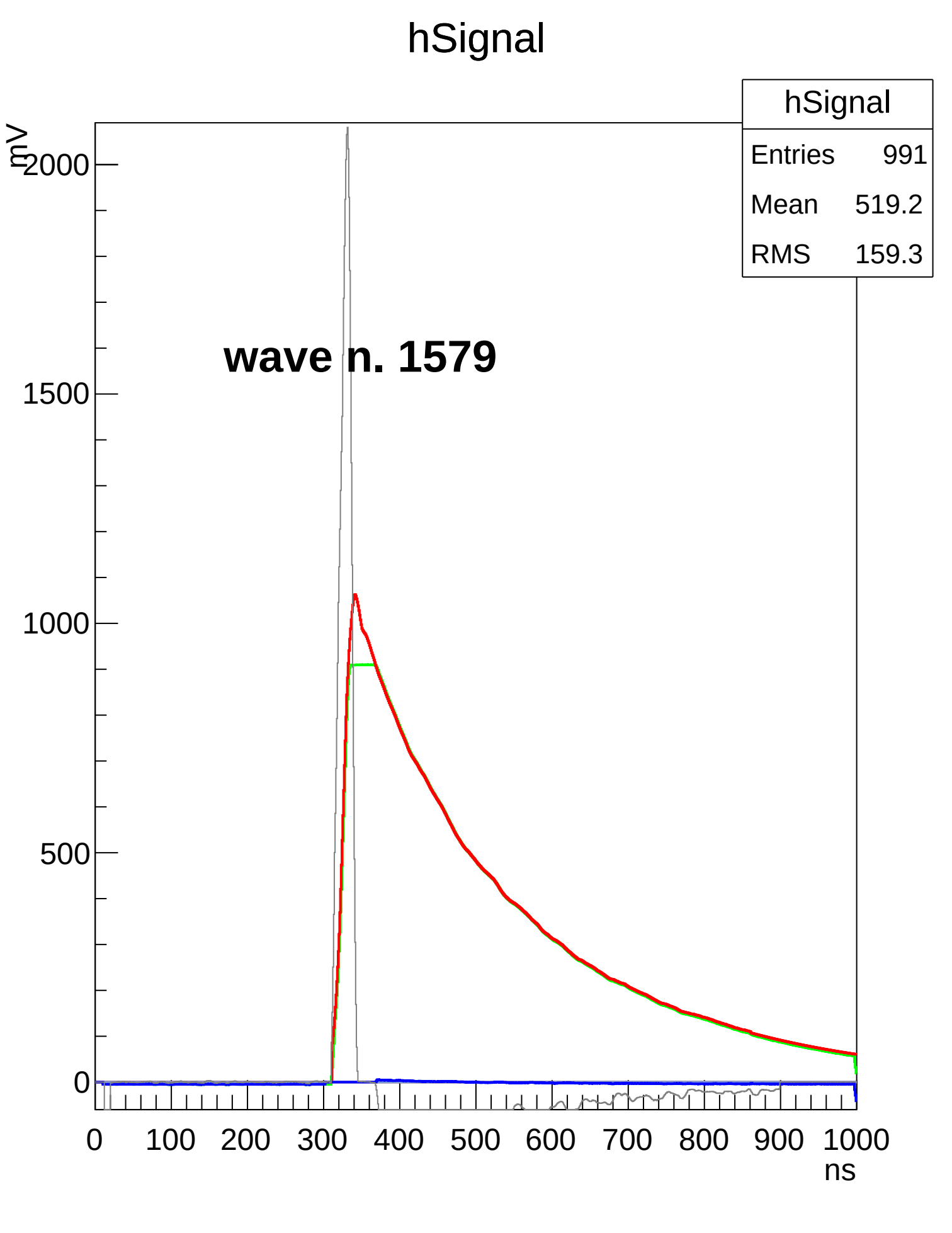
ns


hSignal
hSignal
Entries 991
Mean 519.2
RMS 159.3
wave n. 1579
mV
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1000
500
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0
100
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400
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800
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1000
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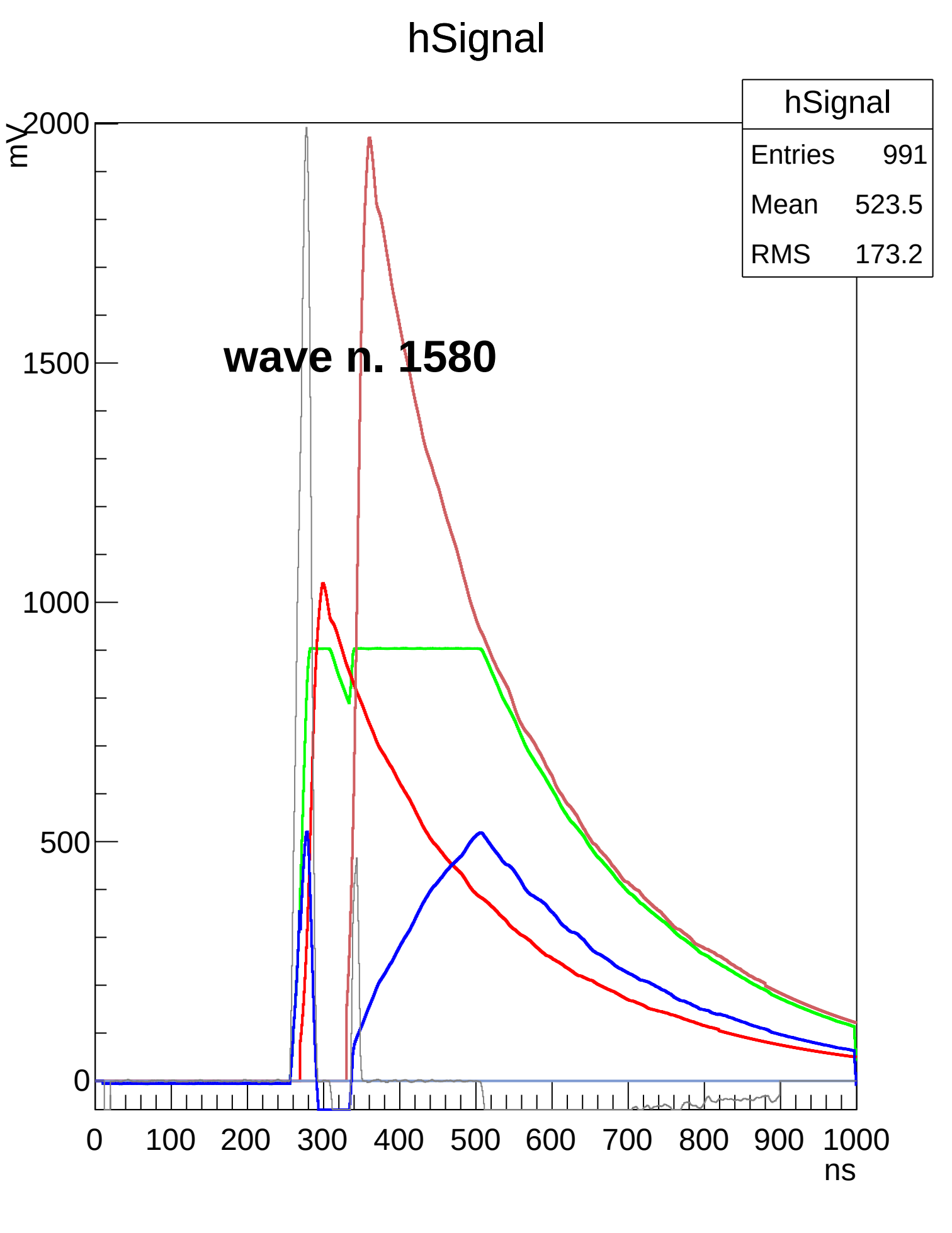
hSignal
hSignal
Entries 991
Mean 523.5
RMS 173.2
wave n. 1580
mV
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1500
1000
500
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400
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800
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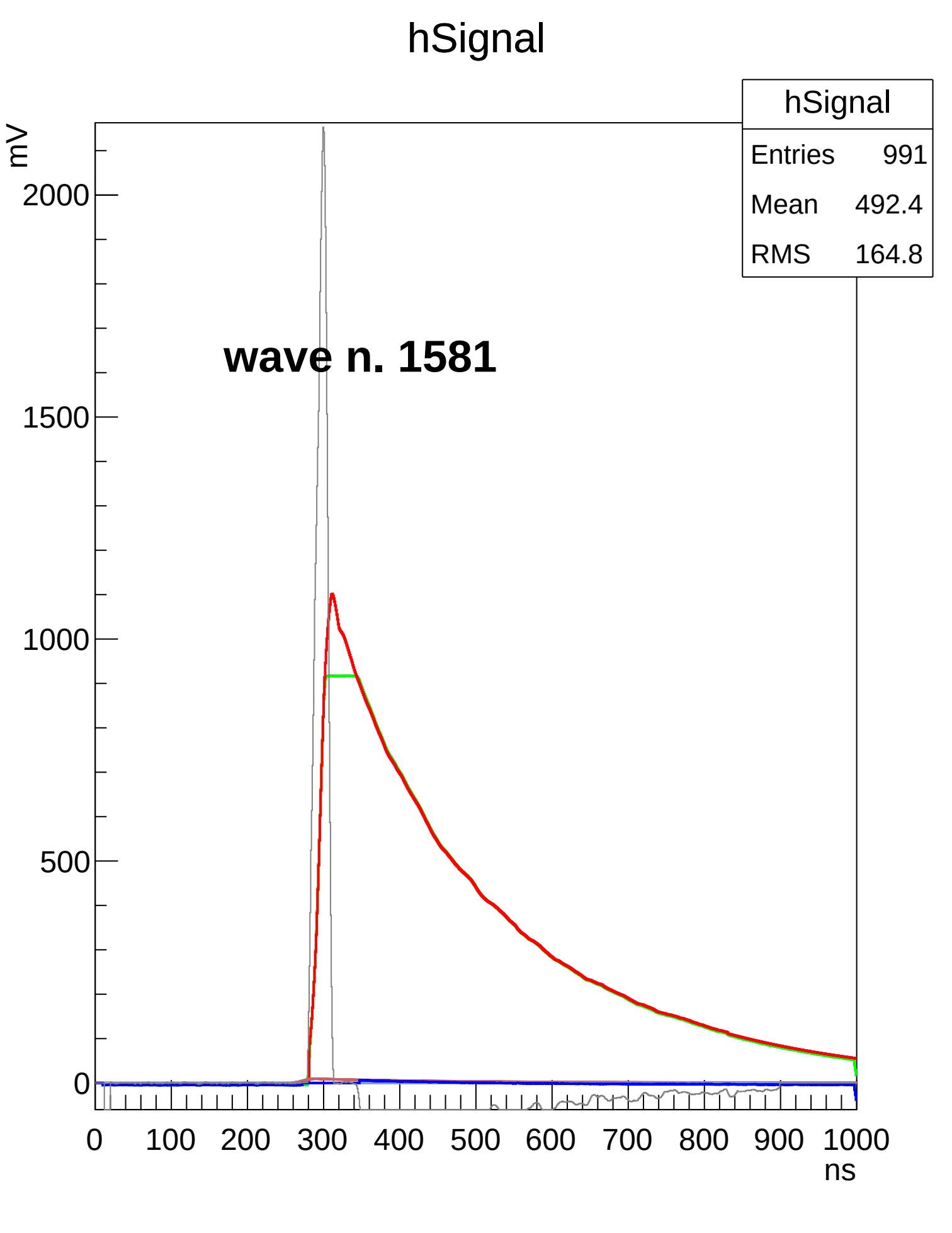
1000
ns


hSignal
hSignal
Entries 991
Mean 492.4
RMS 164.8
wave n. 1581
mV
2000
1500
1000
500
0
0
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800
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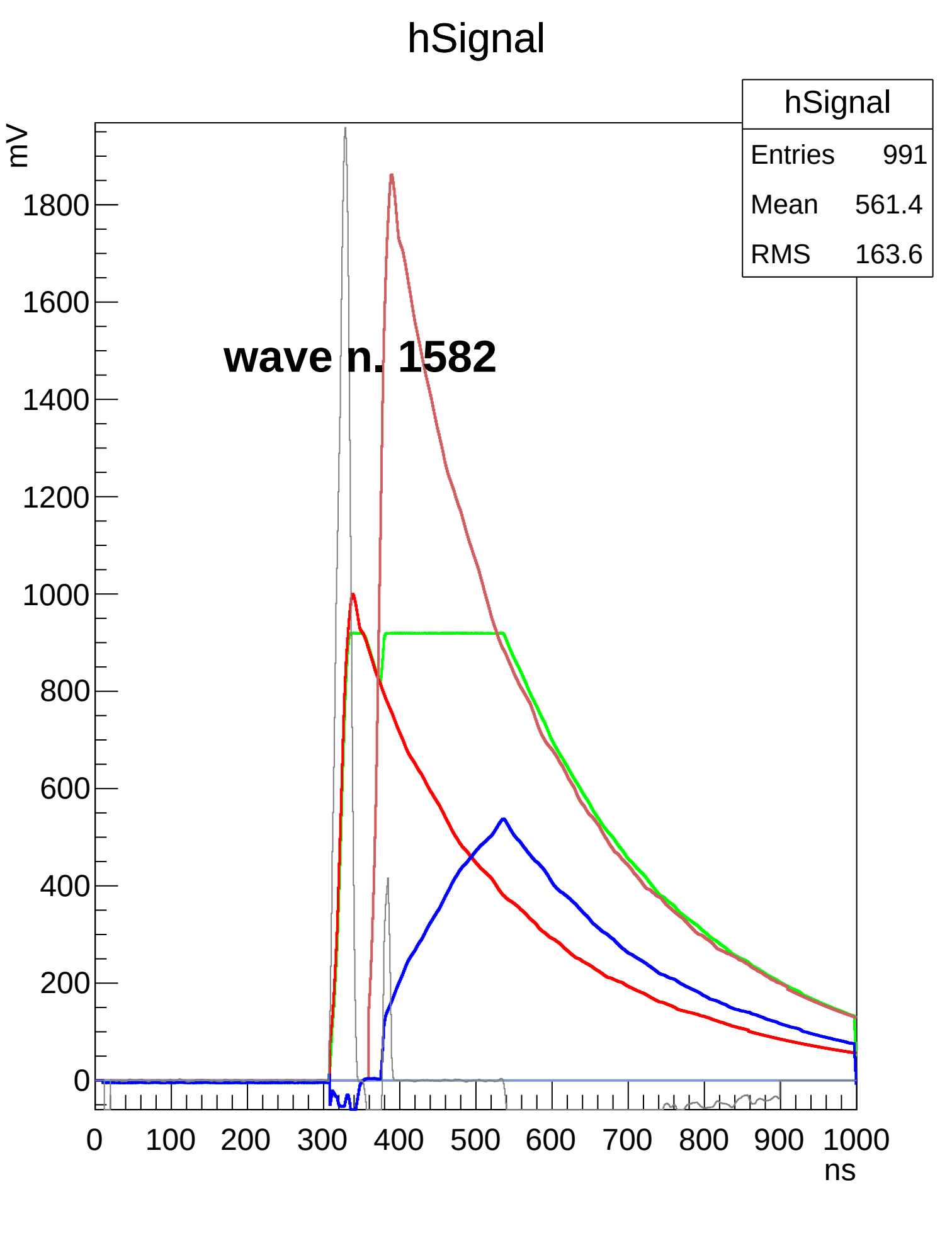
1000
ns


hSignal
hSignal
Entries 991
Mean 561.4
RMS 163.6
wave n. 1582
mV
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1600
1400
1200
1000
800
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400
200
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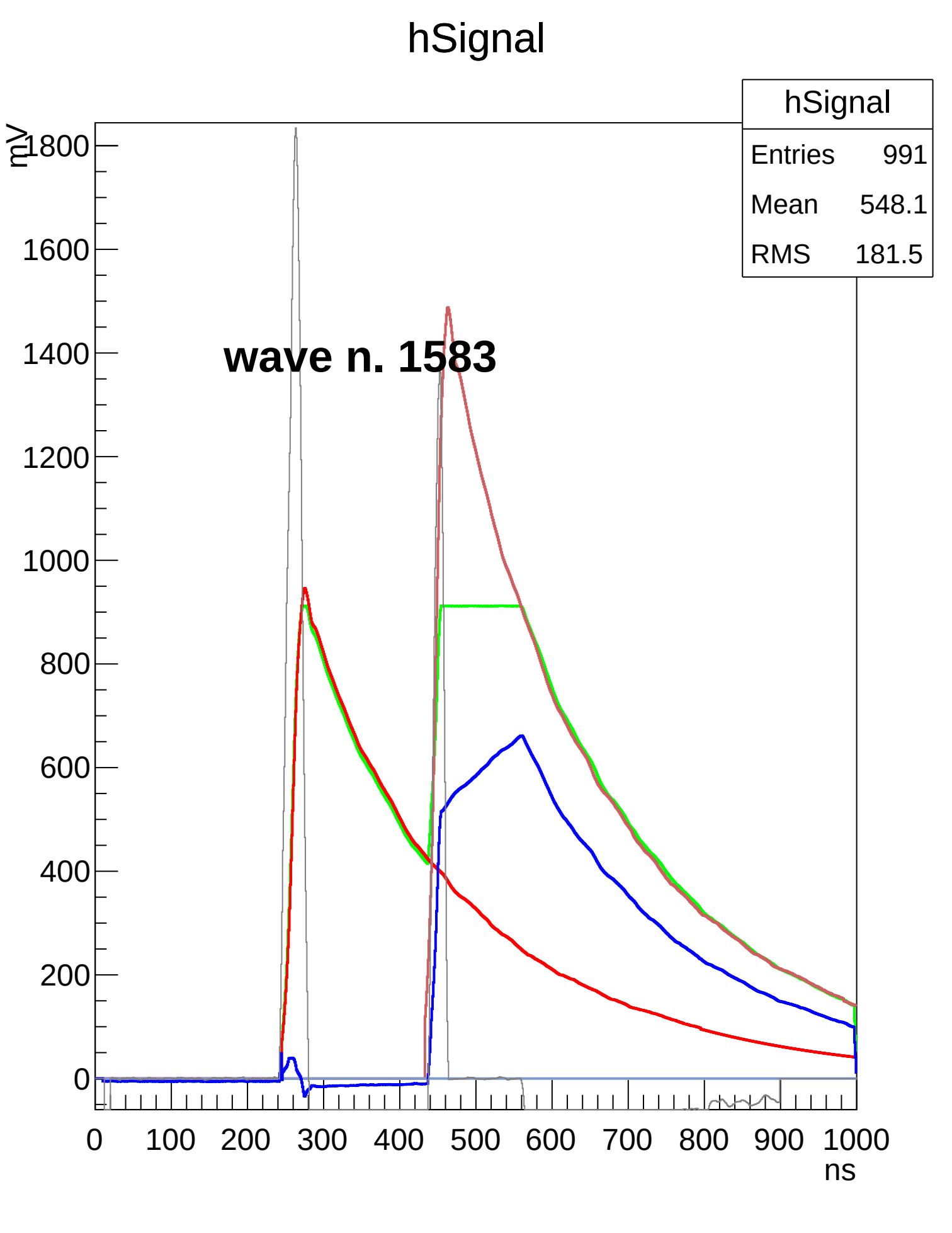
ns


hSignal
hSignal
Entries 991
Mean 548.1
RMS 181.5
wave n. 1583
mV
1800
1600
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1000
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600
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200
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400
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1000
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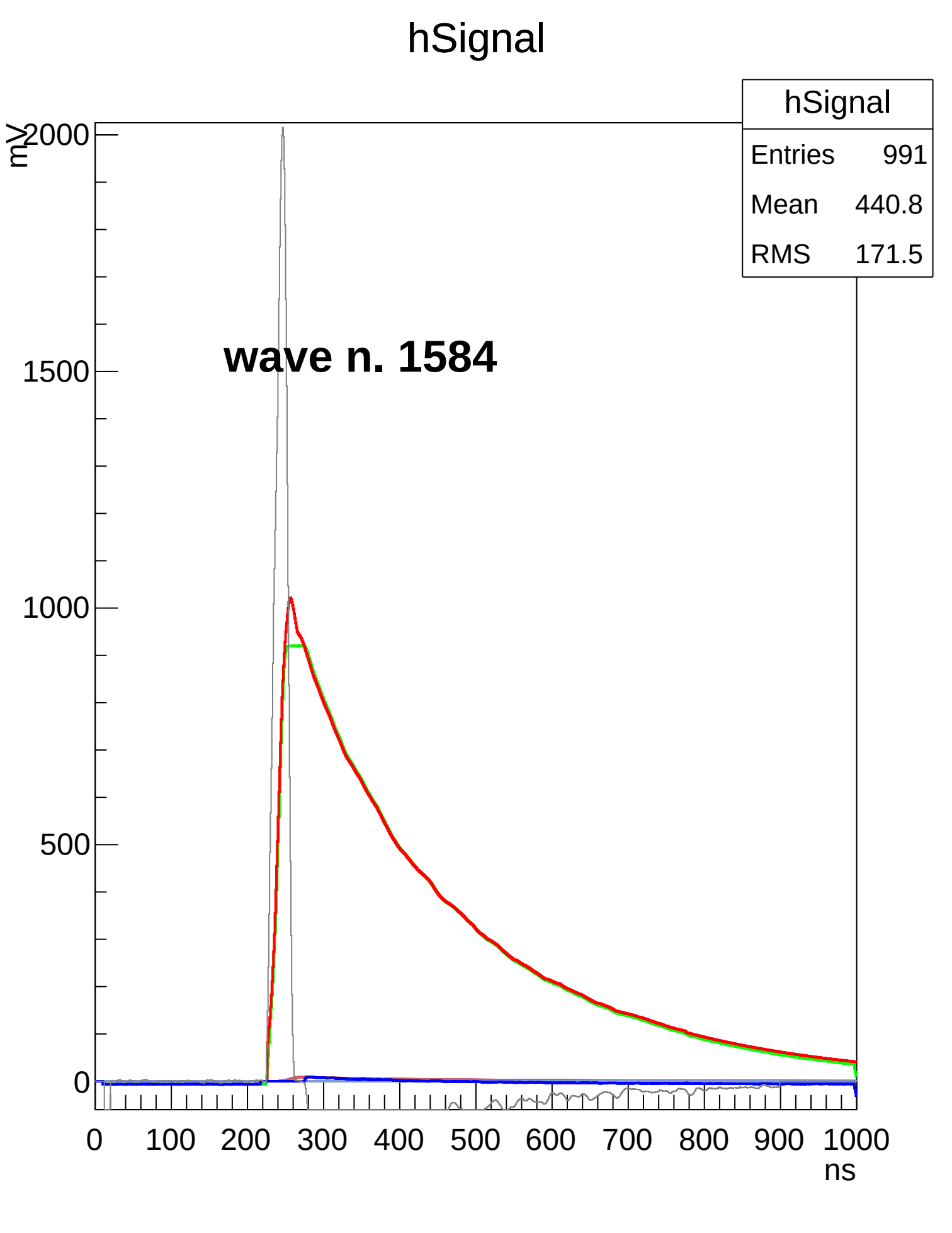
hSignal
hSignal
Entries 991
Mean 440.8
RMS 171.5
wave n. 1584
mV
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1000
500
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400
500
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800
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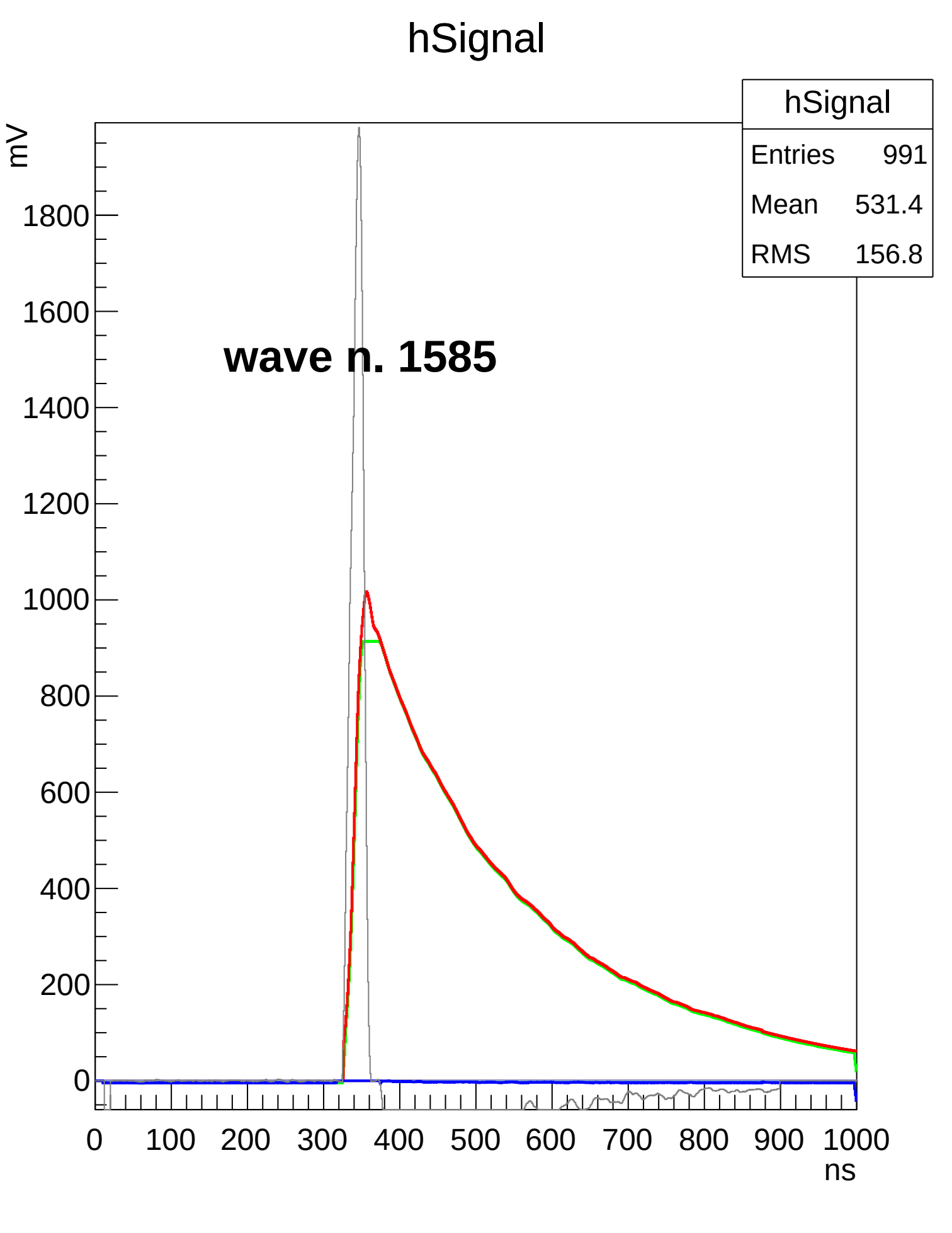
1000
ns


hSignal
hSignal
Entries 991
Mean 531.4
RMS 156.8
wave n. 1585
mV
1800
1600
1400
1200
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600
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200
0
0
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400
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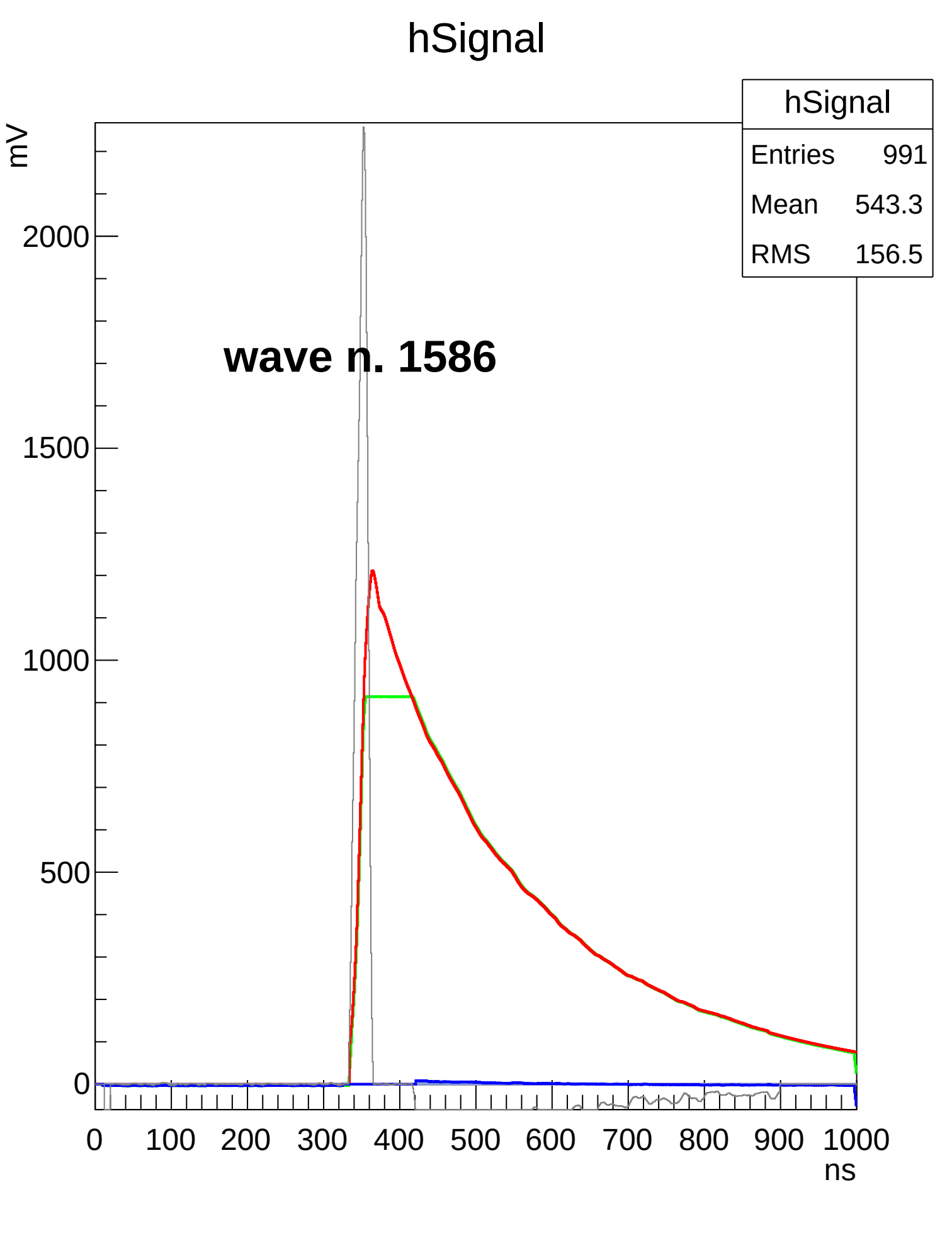
1000
ns


hSignal
hSignal
Entries 991
Mean 543.3
RMS 156.5
wave n. 1586
mV
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1500
1000
500
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400
500
600
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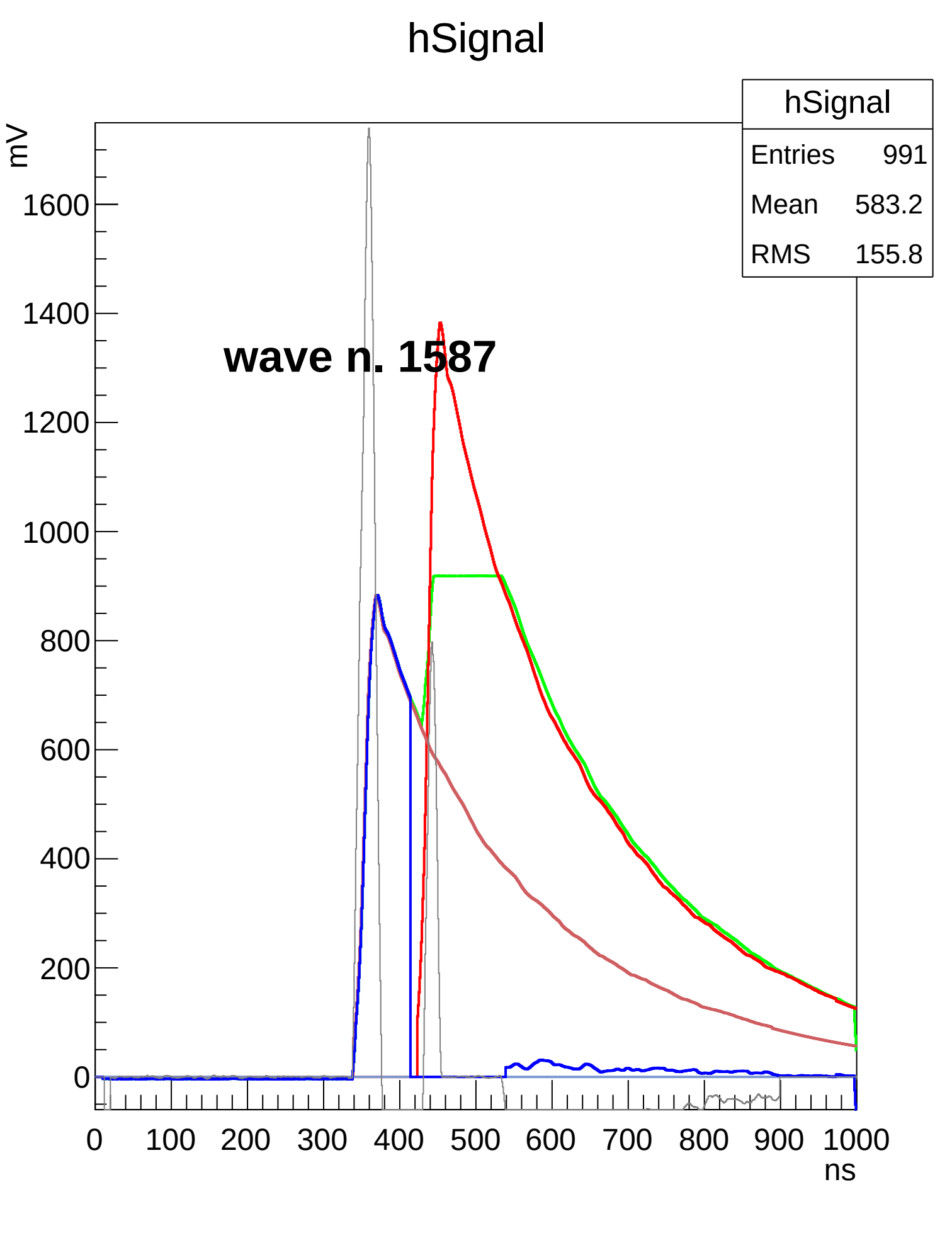
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 583.2
RMS 155.8
wave n. 1587
mV
1600
1400
1200
1000
800
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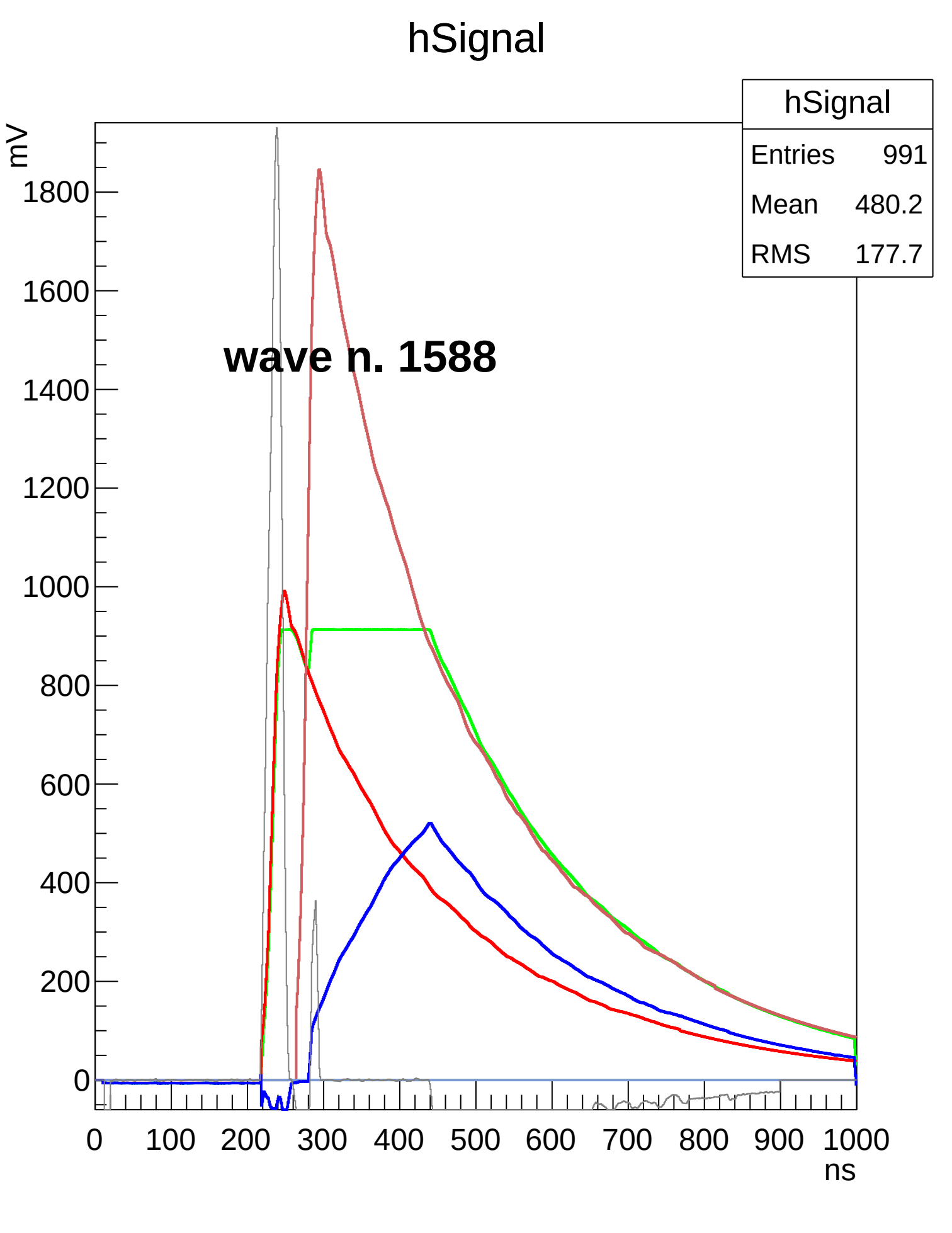
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 480.2
RMS 177.7
wave n. 1588
mV
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1600
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1200
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400
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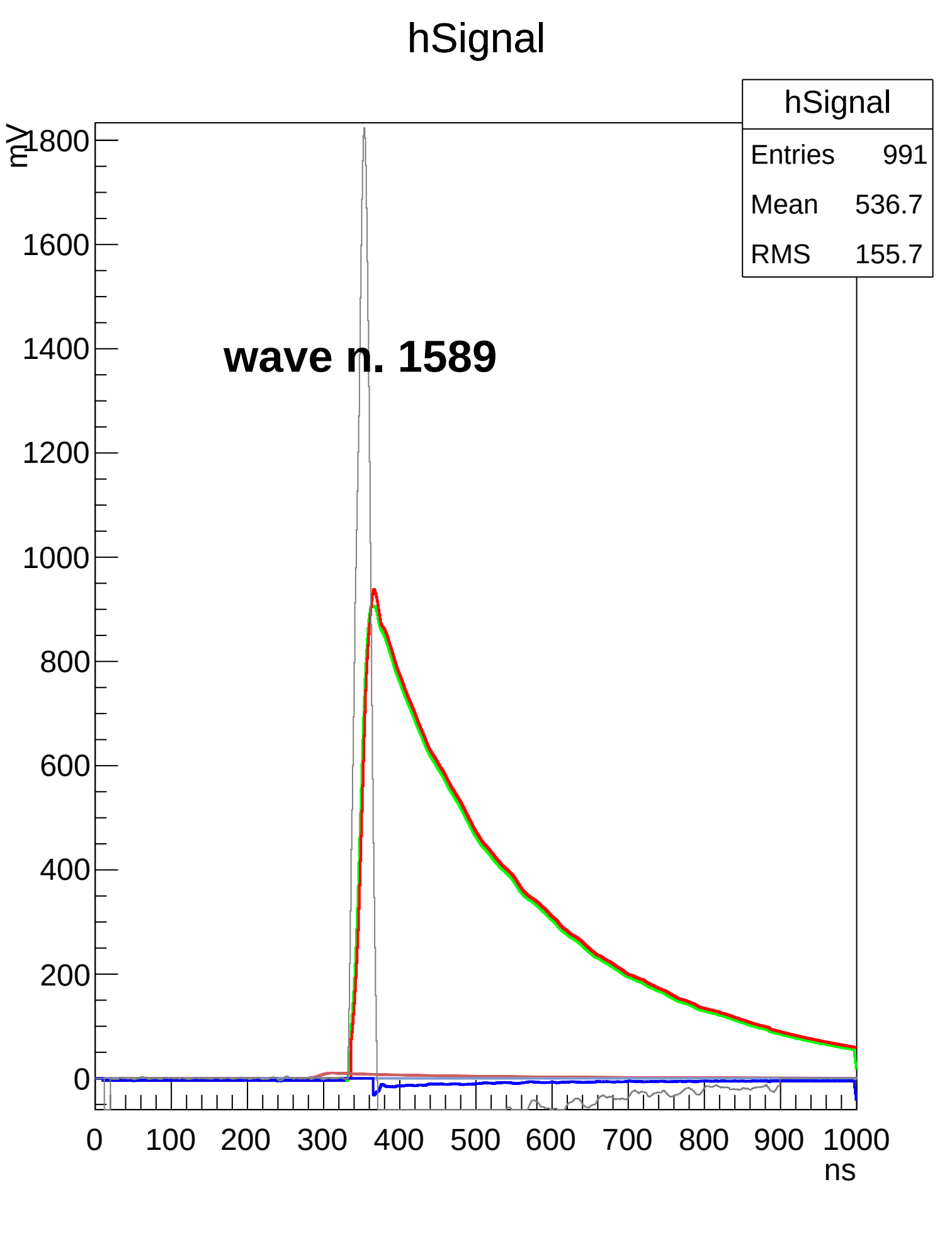
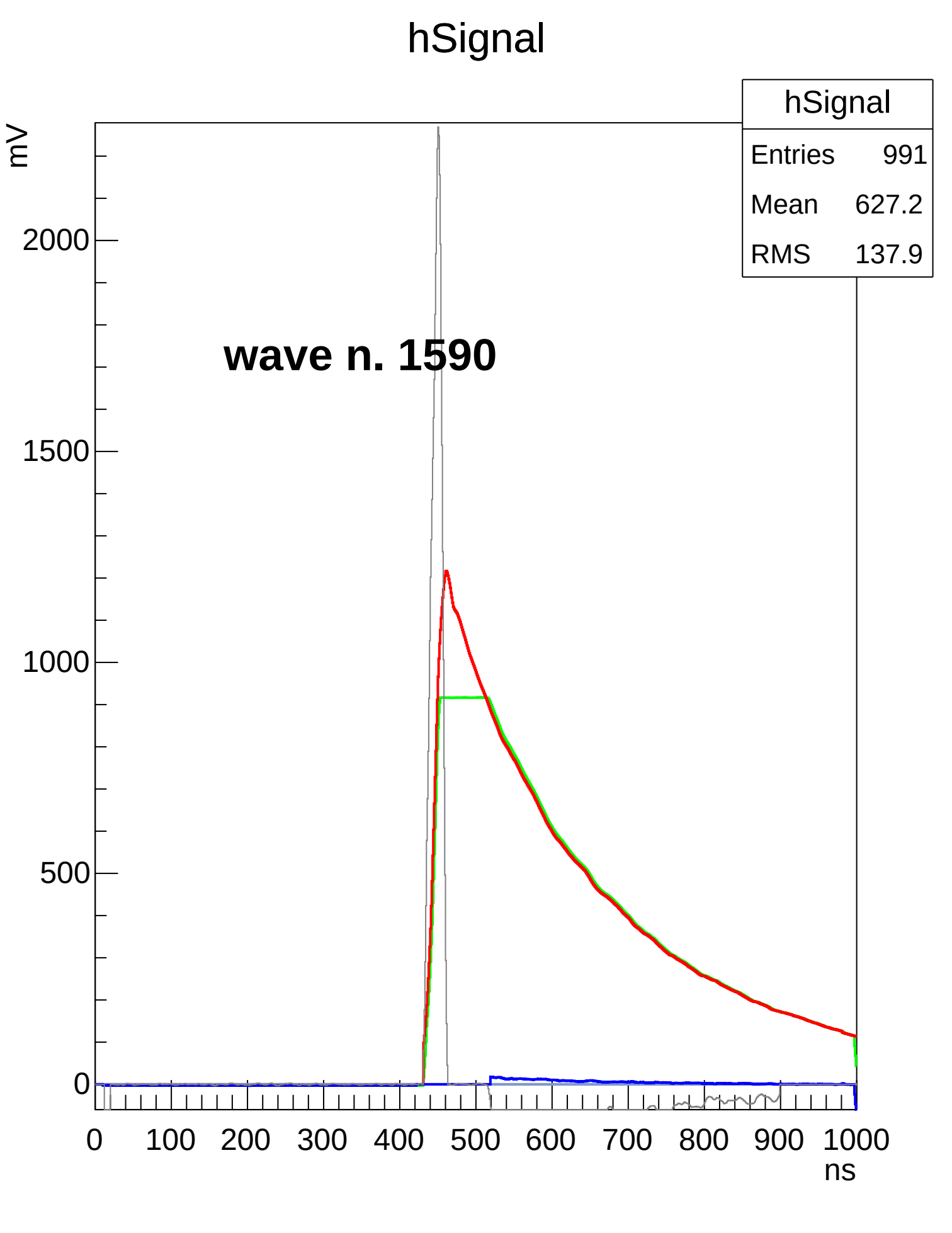
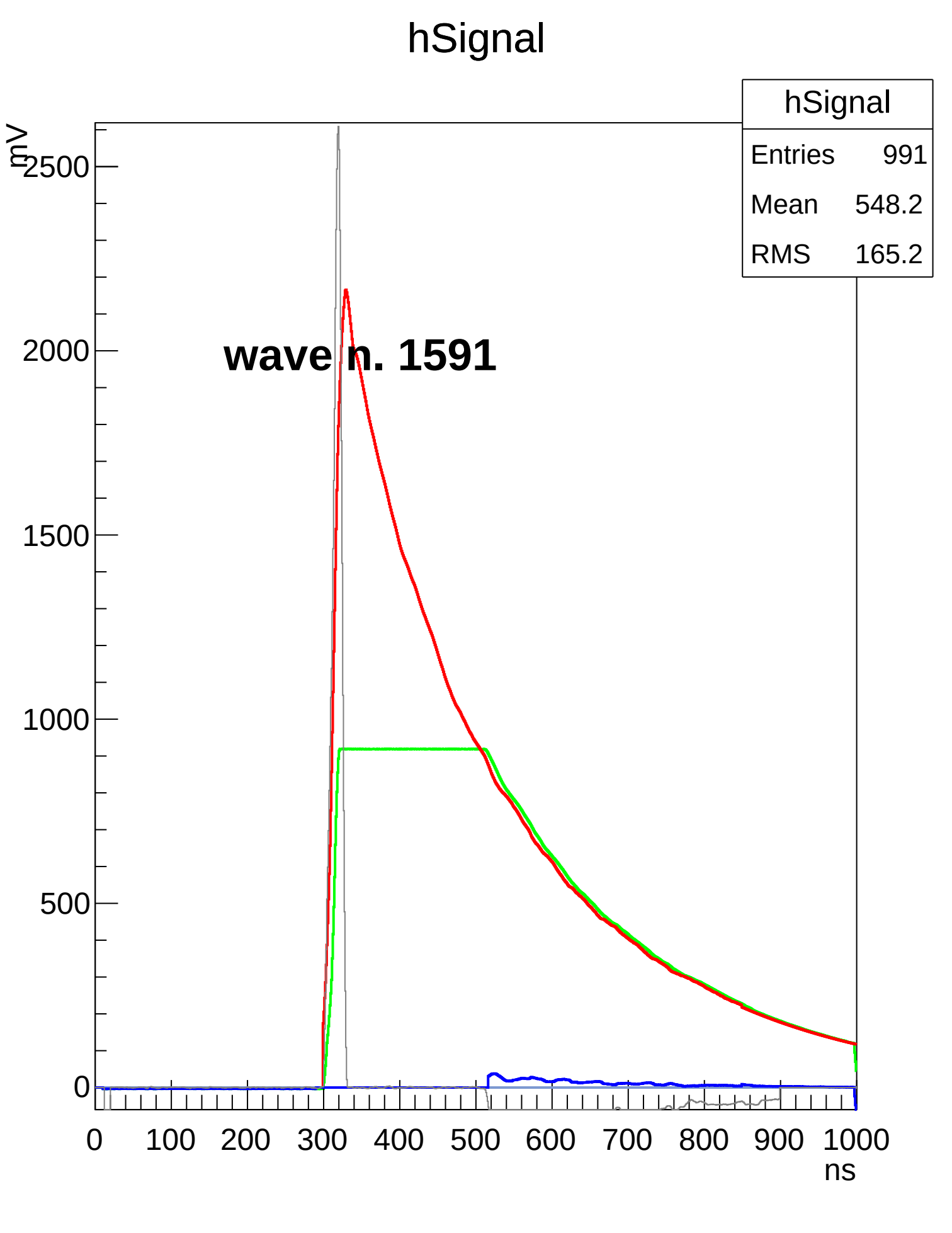
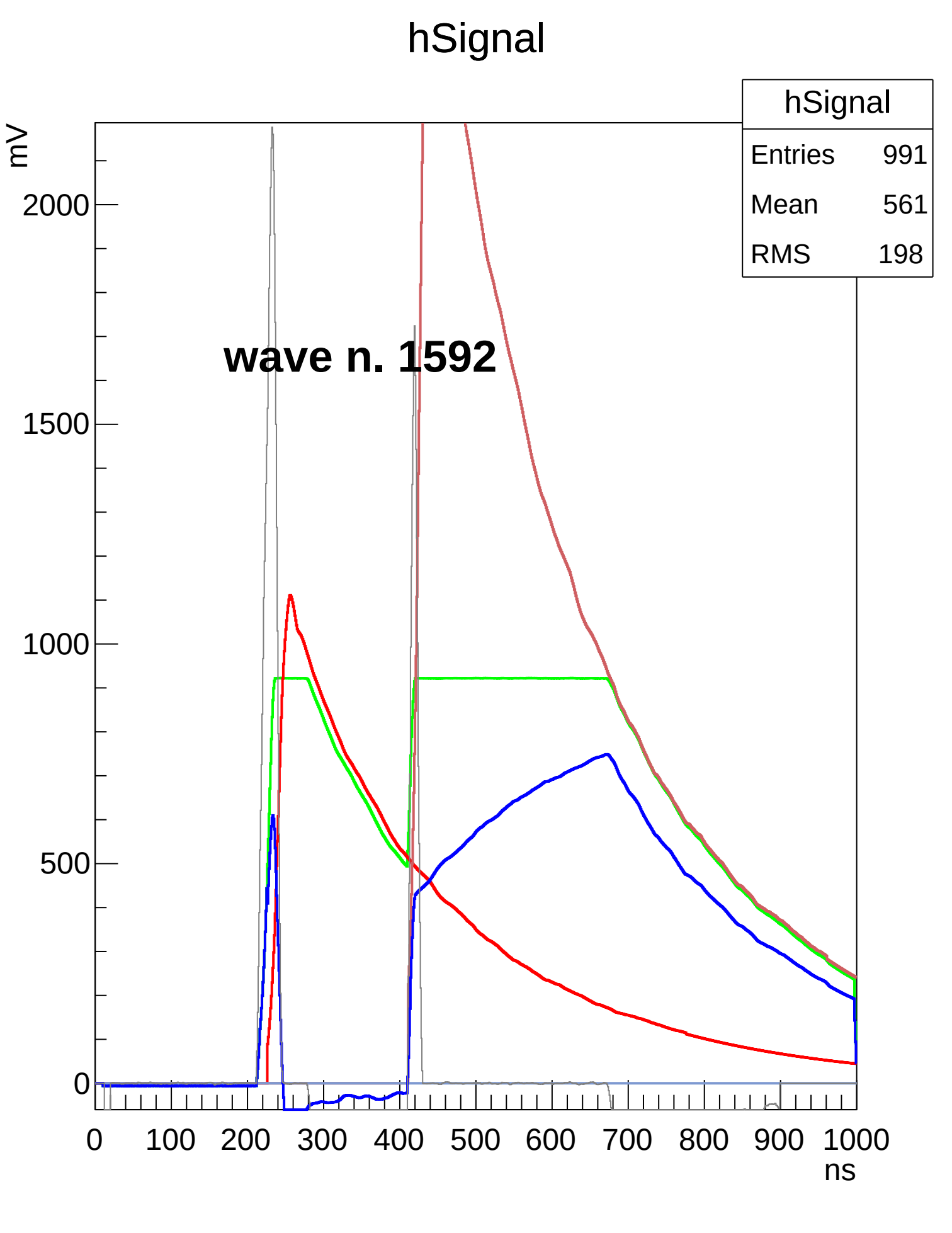
1000
ns


hSignal
hSignal
Entries 991
Mean 536.7
RMS 155.7
wave n. 1589
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 627.2
RMS 137.9
wave n. 1590
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 548.2
RMS 165.2
wave n. 1591
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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Entries 991
Mean 561
RMS 198
wave n. 1592
mV
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1500
1000
500
0
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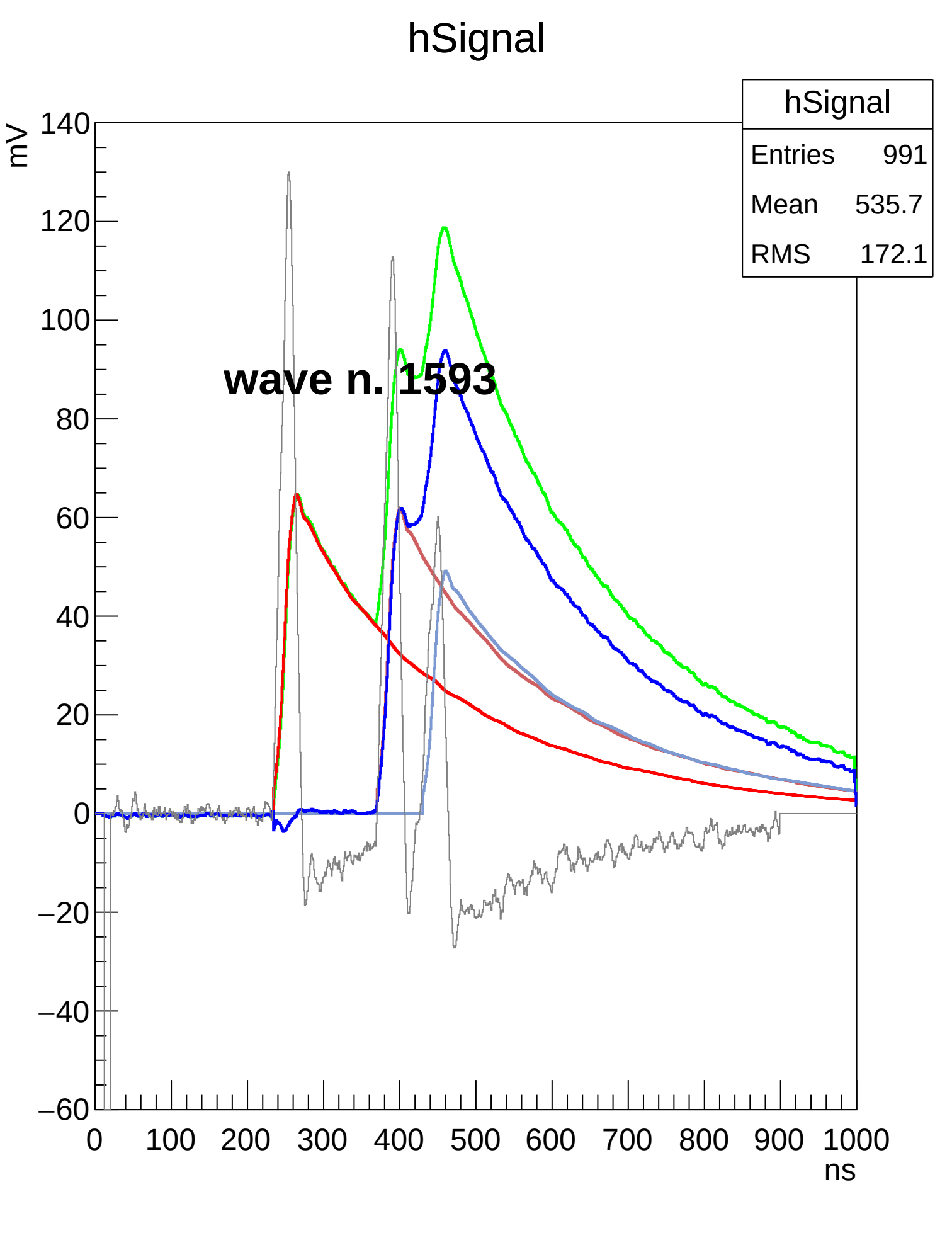
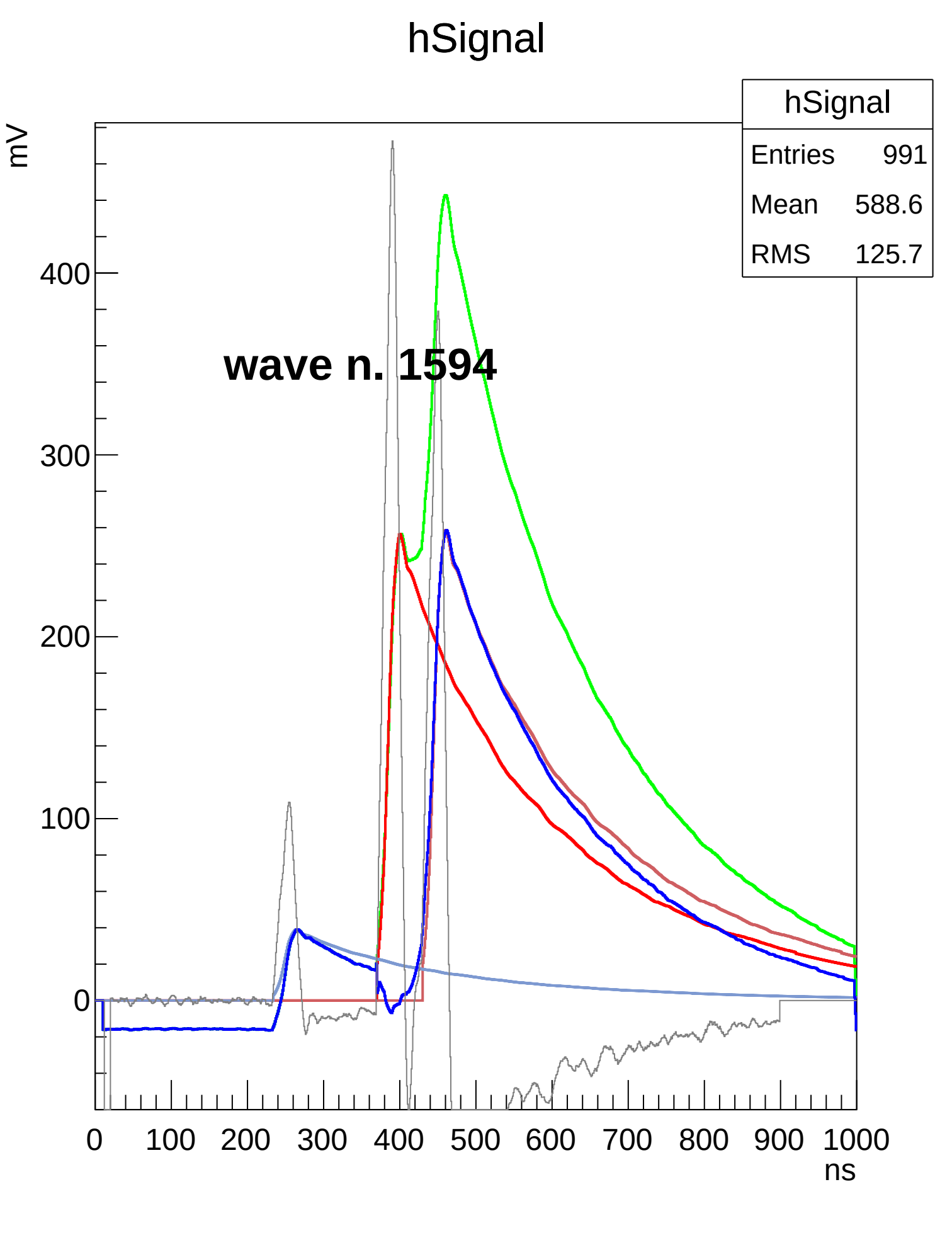
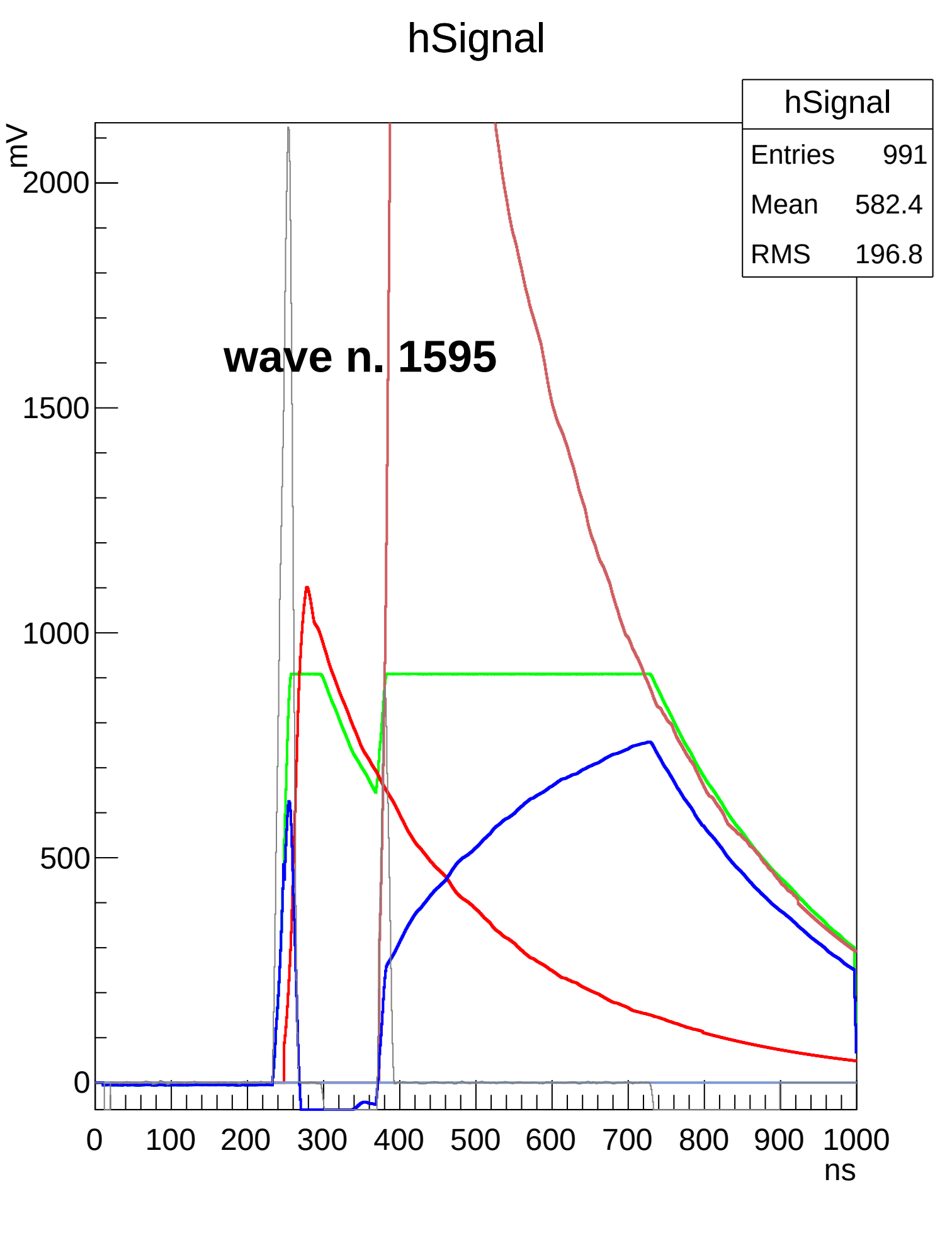
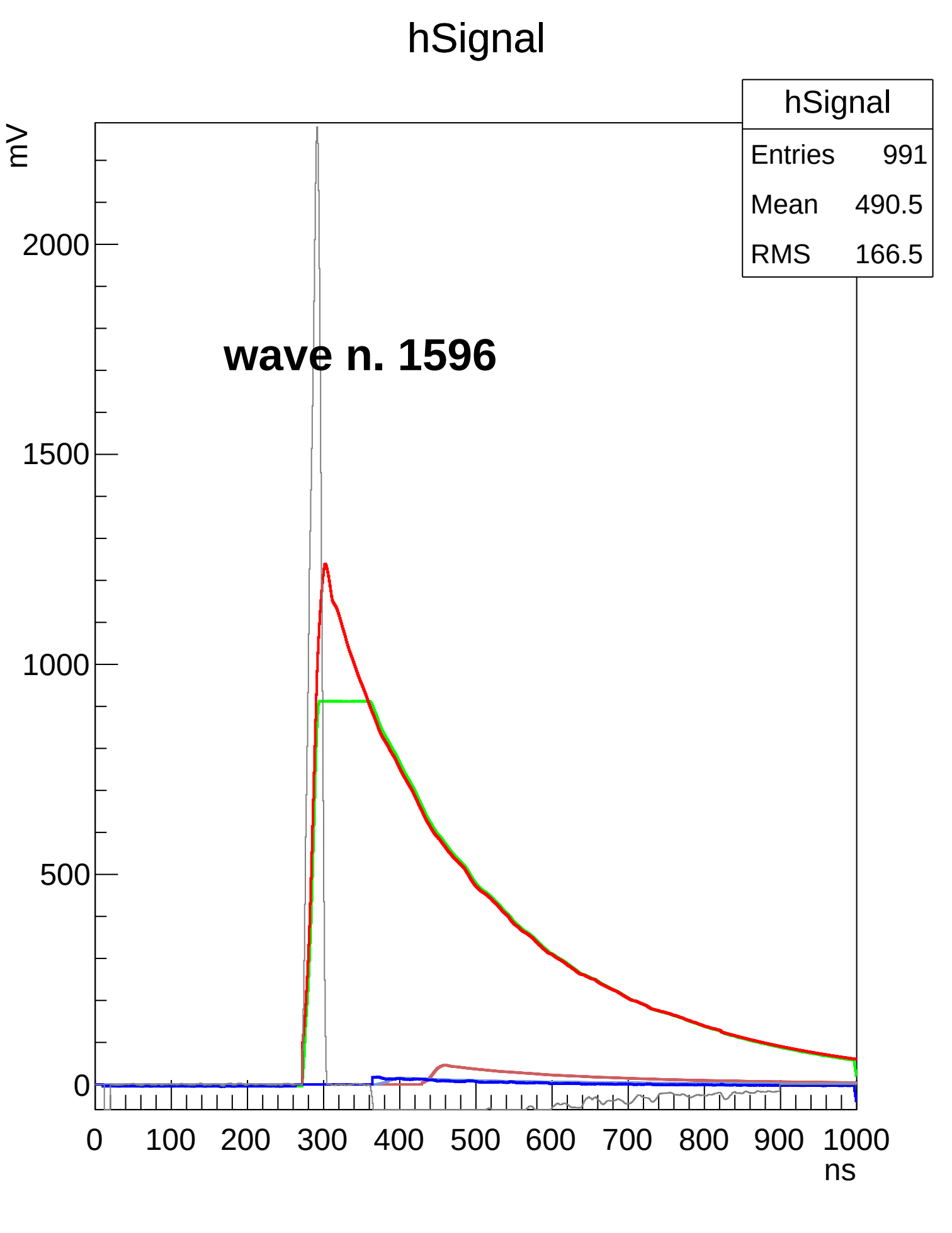
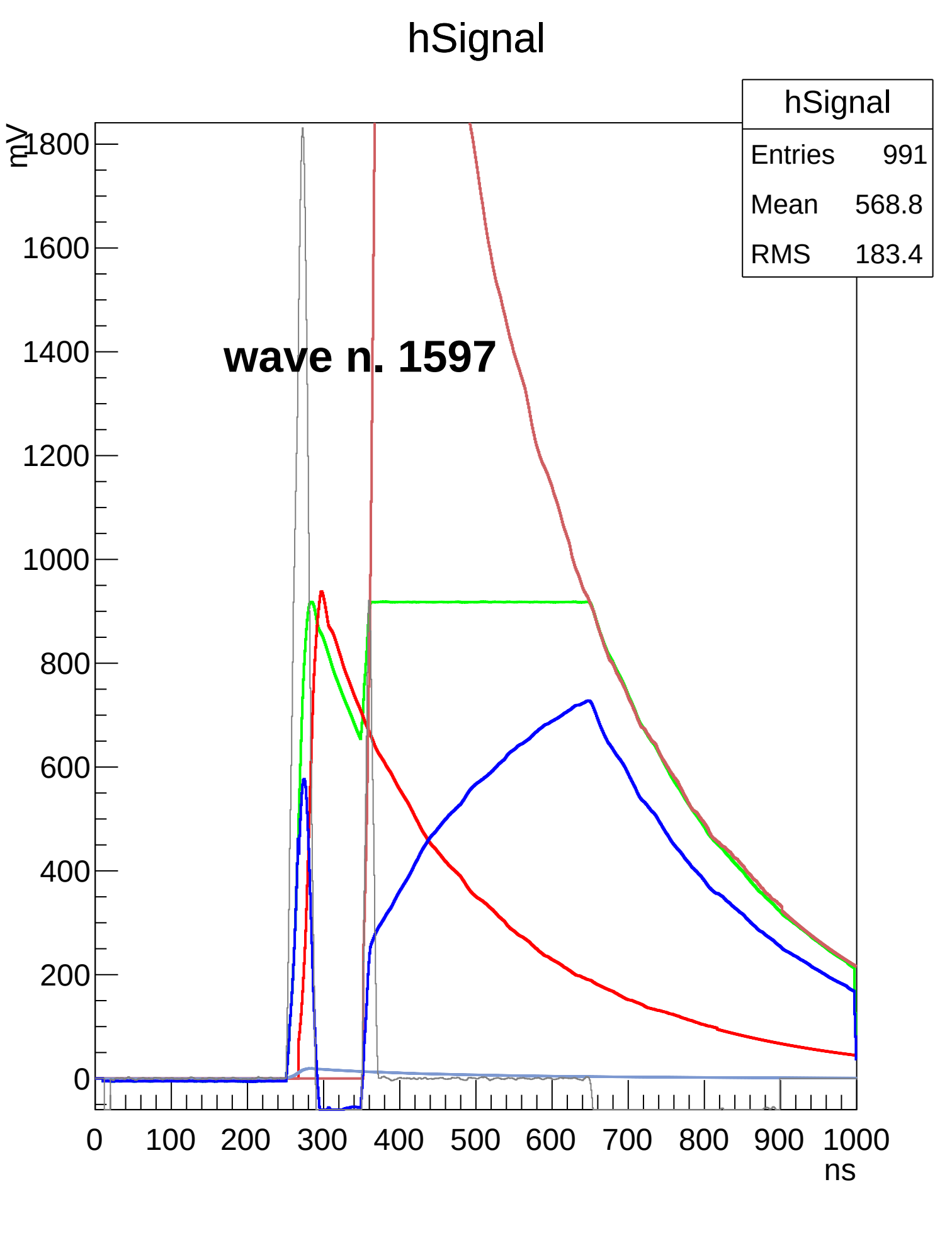
ns

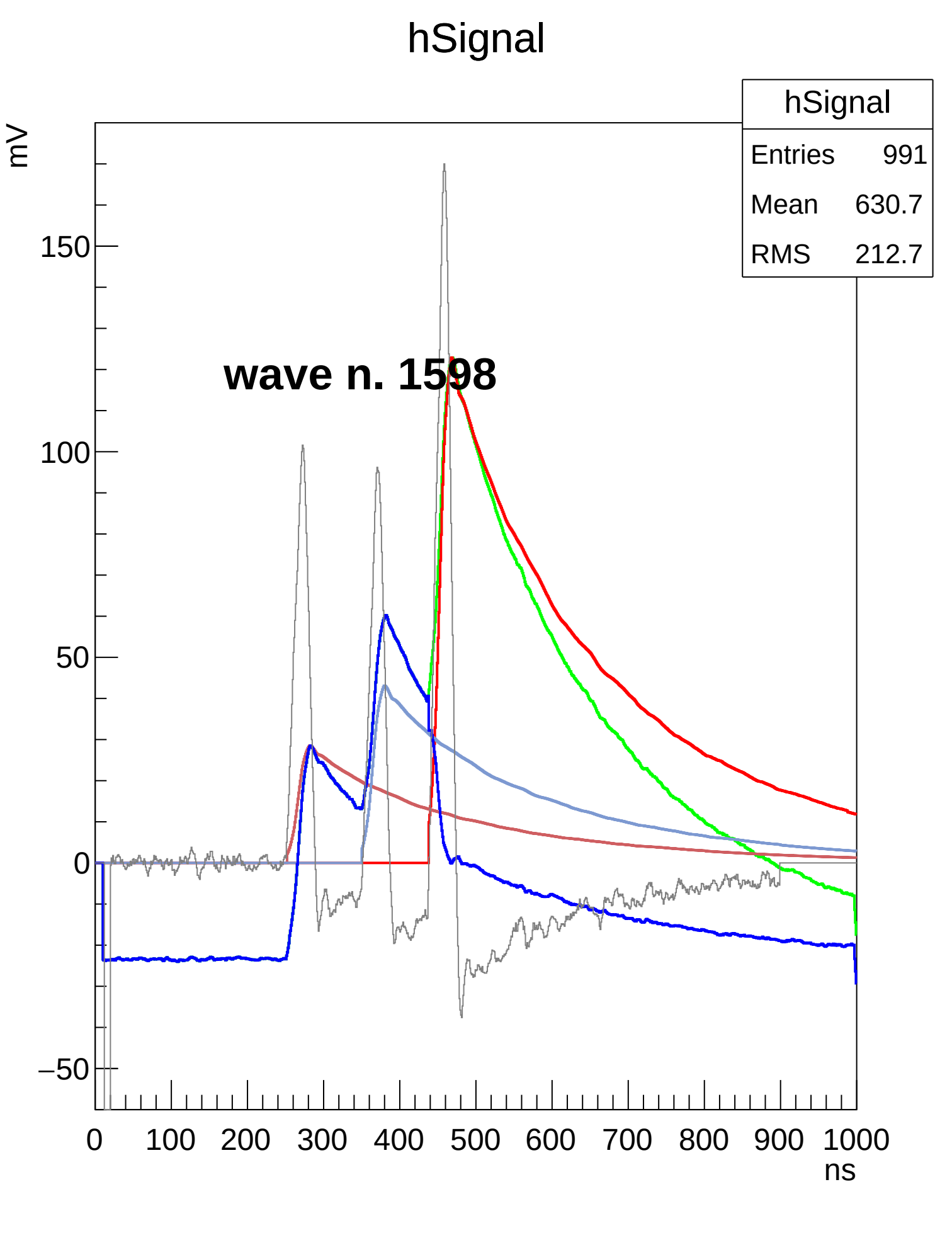

hSignal
hSignal
Entries 991
Mean 535.7
RMS 172.1
wave n. 1593
mV
140
120
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns

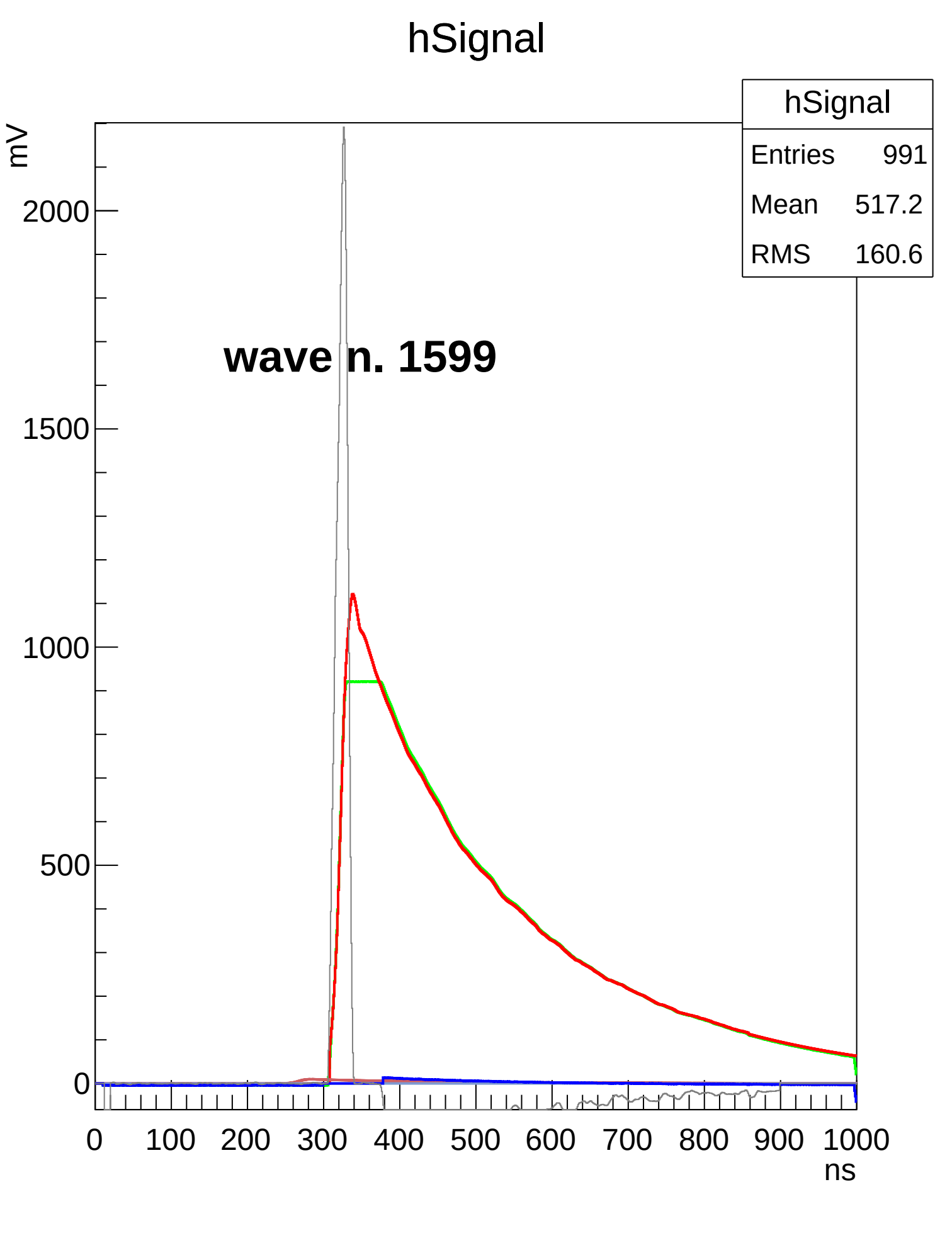

hSignal
hSignal
Entries 991
Mean 588.6
RMS 125.7
wave n. 1594
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 582.4
RMS 196.8
wave n. 1595
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 490.5
RMS 166.5
wave n. 1596
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 568.8
RMS 183.4
wave n. 1597
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 630.7
RMS 212.7
wave n. 1598
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 517.2
RMS 160.6
wave n. 1599
mV
2000
1500
1000
500
0
0
100
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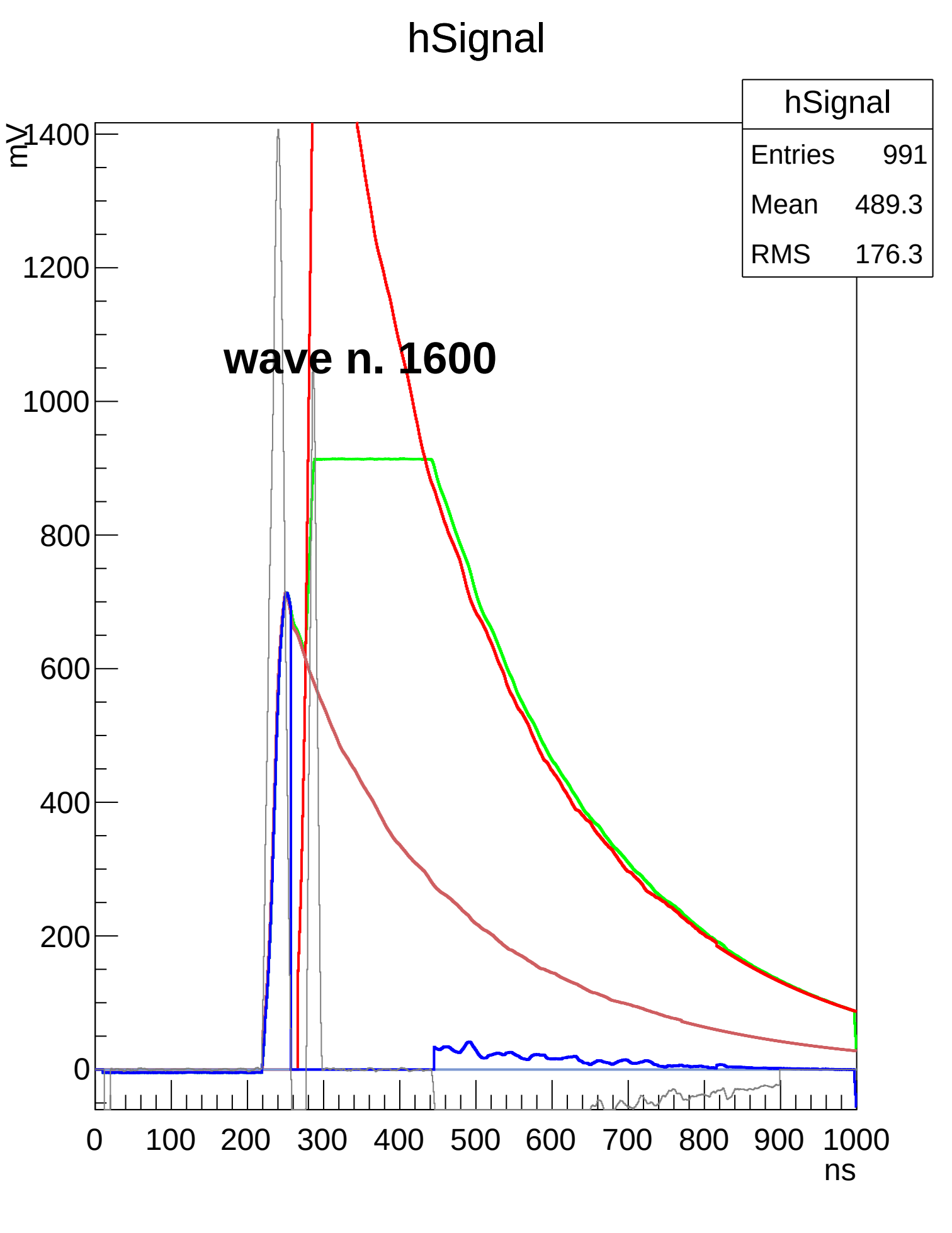
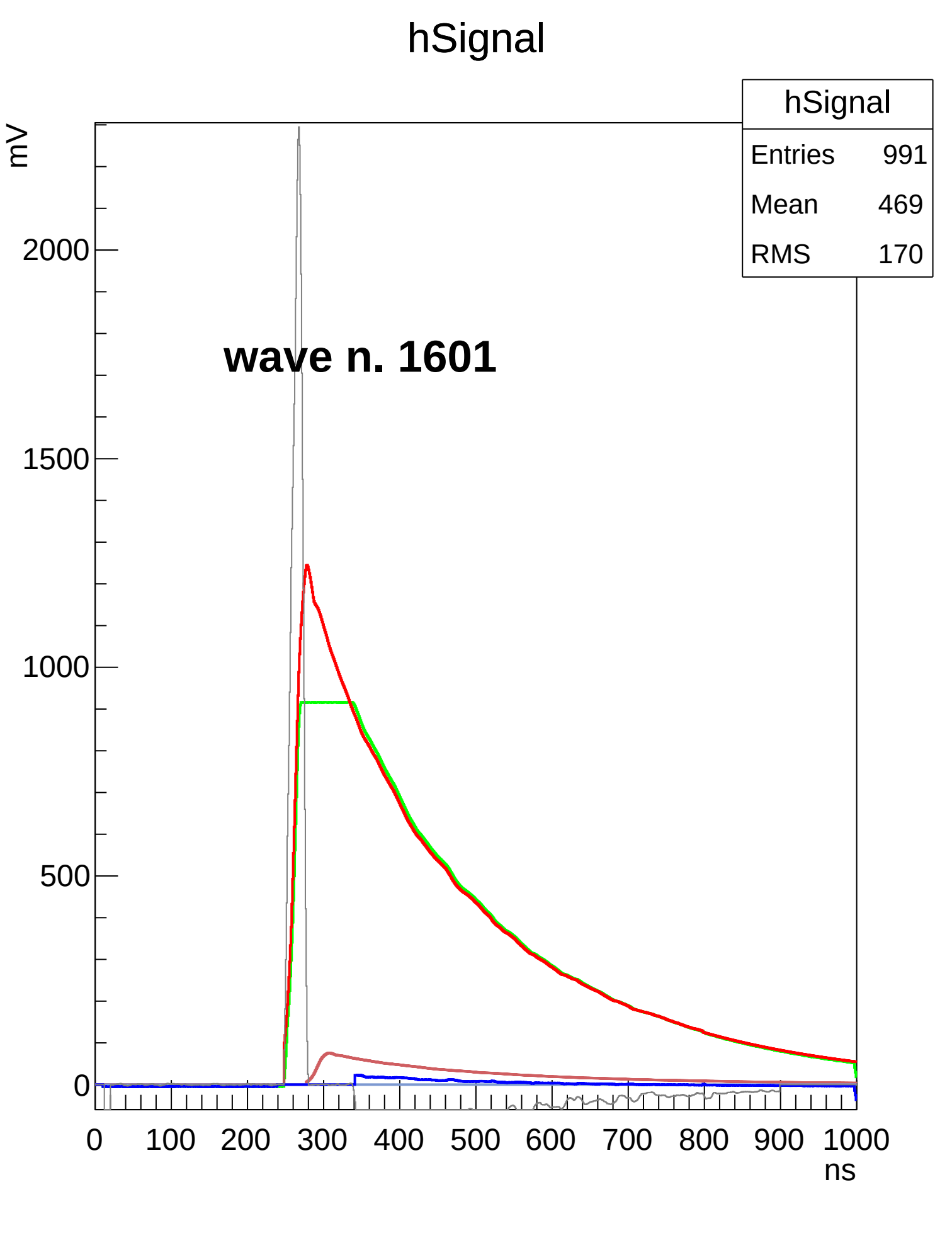
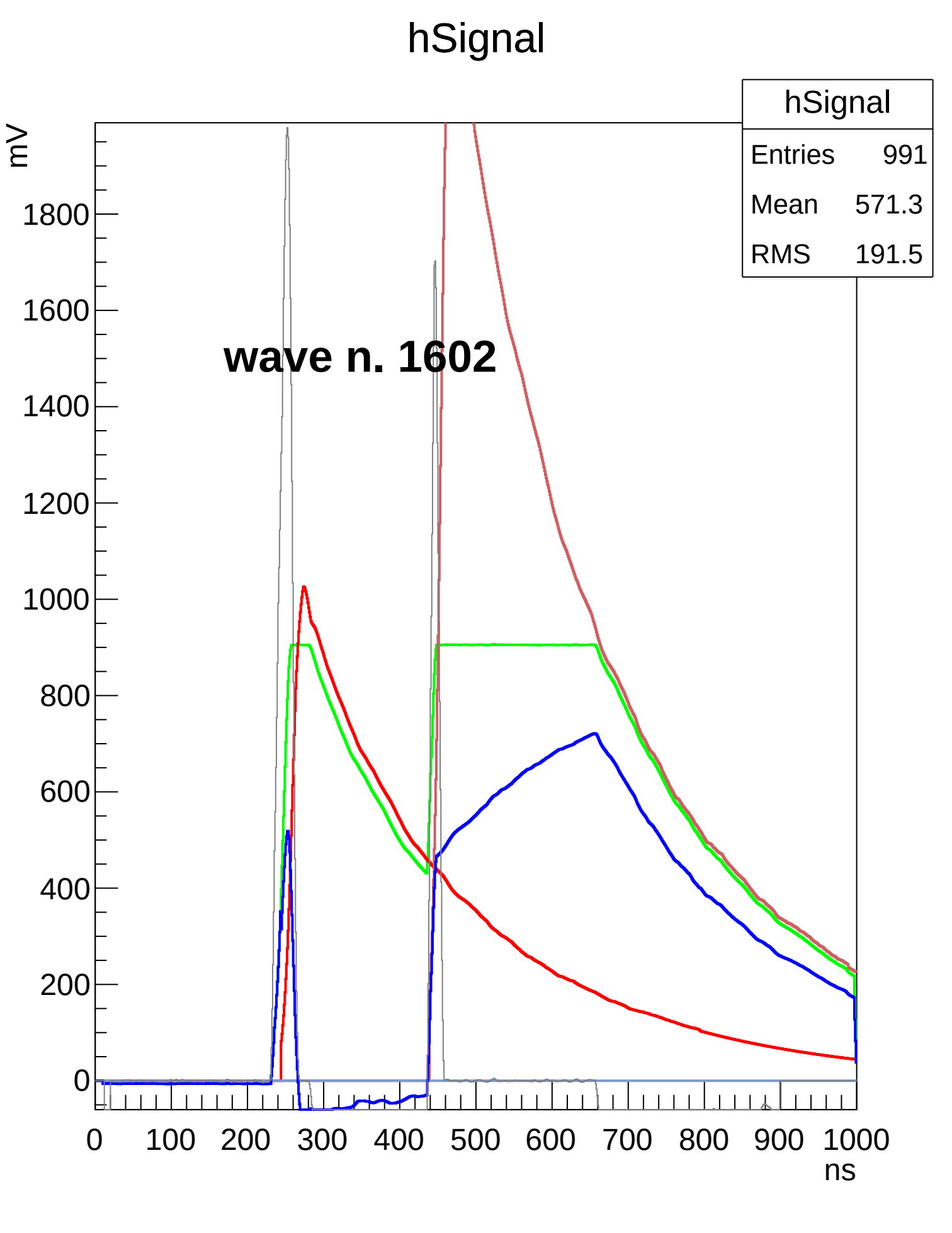
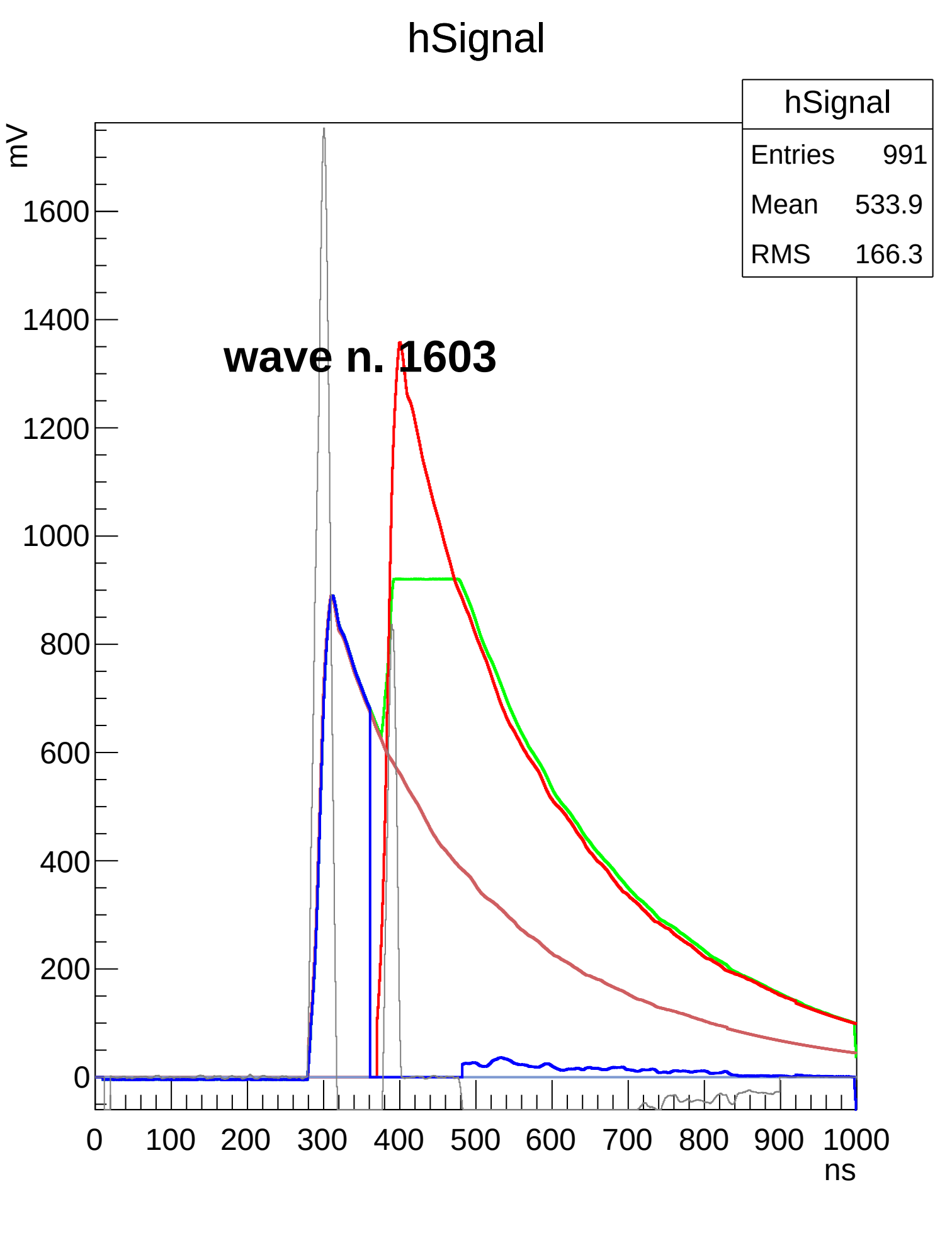
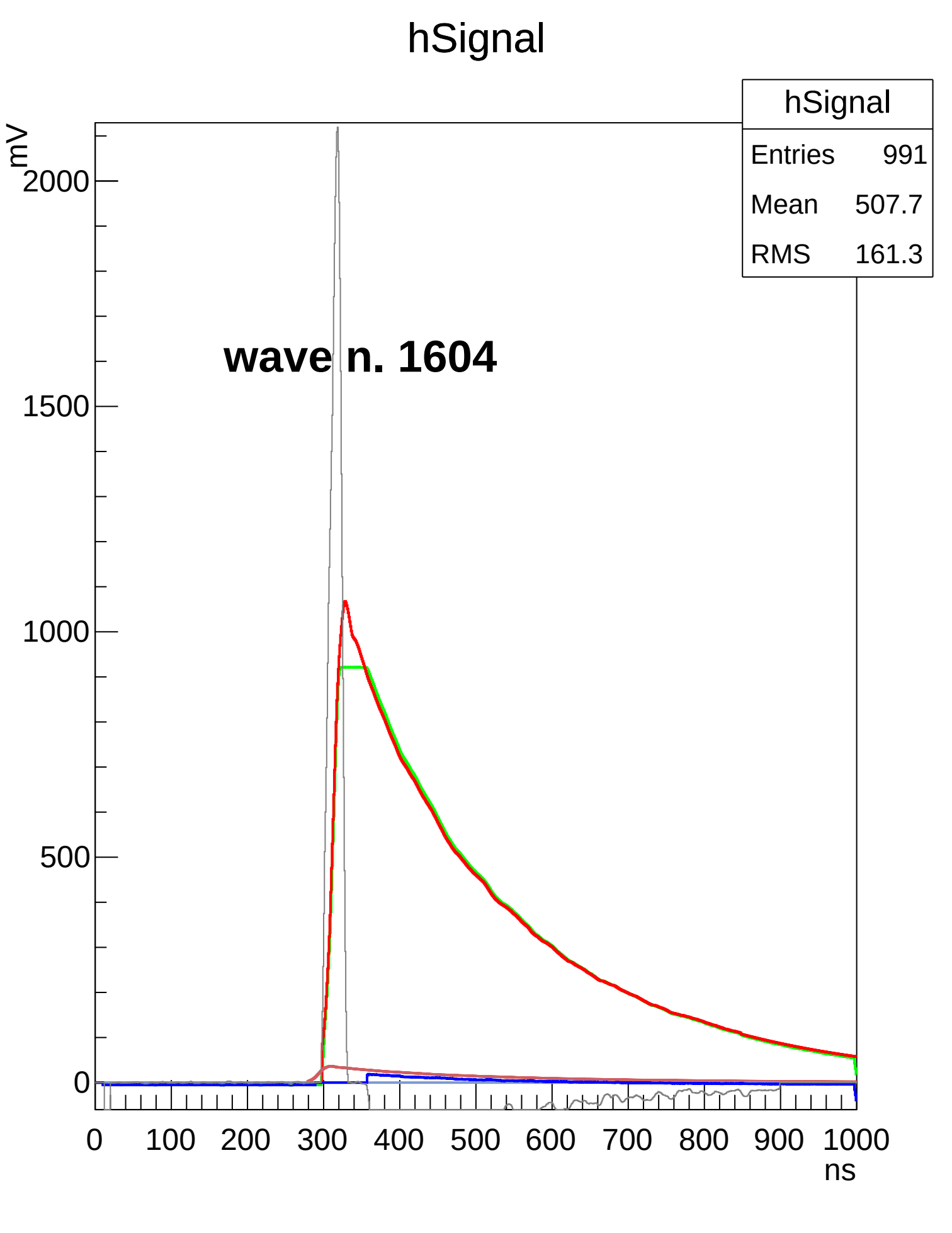
700
800
900
1000
ns

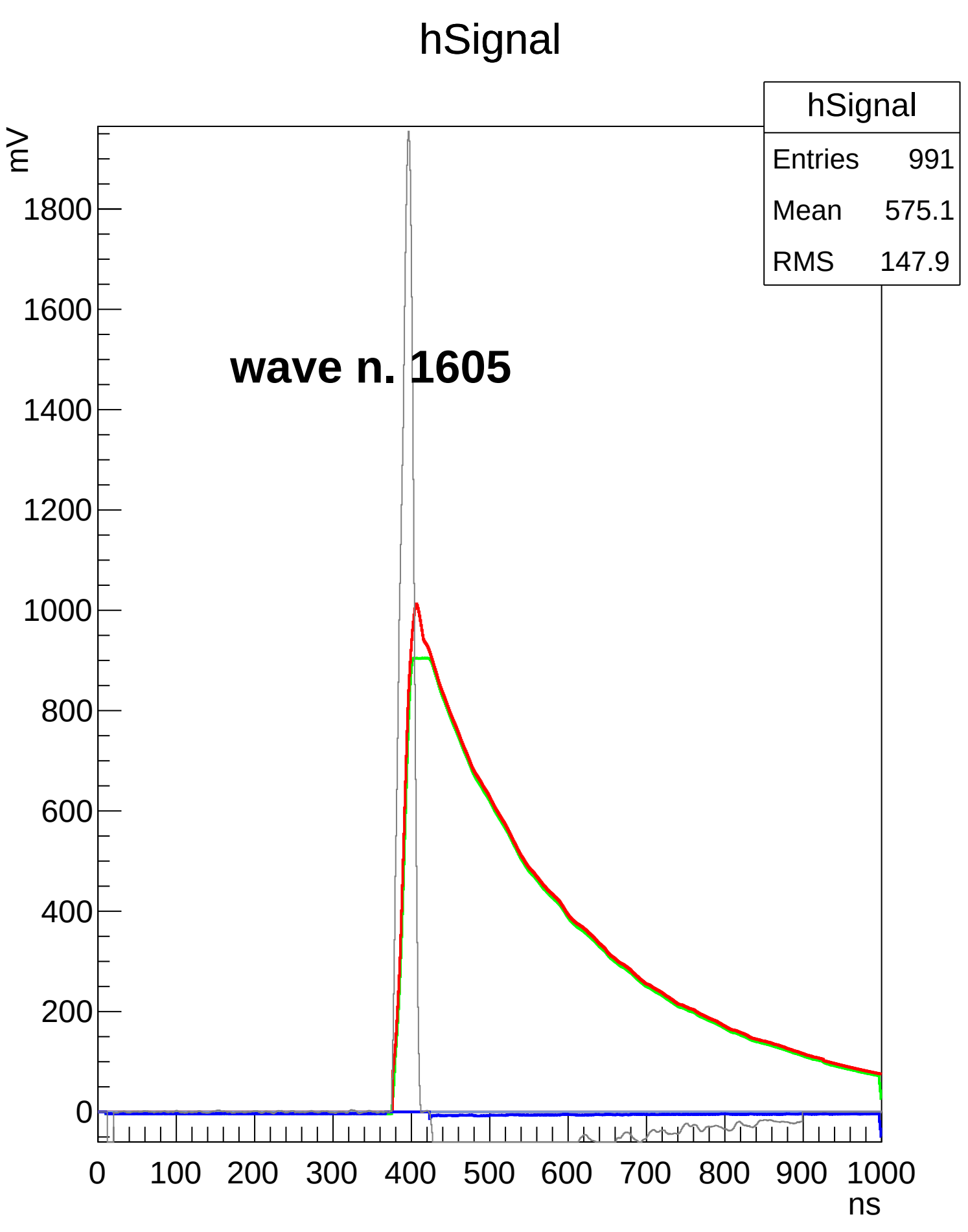

hSignal
hSignal
Entries 991
Mean 489.3
RMS 176.3
wave n. 1600
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

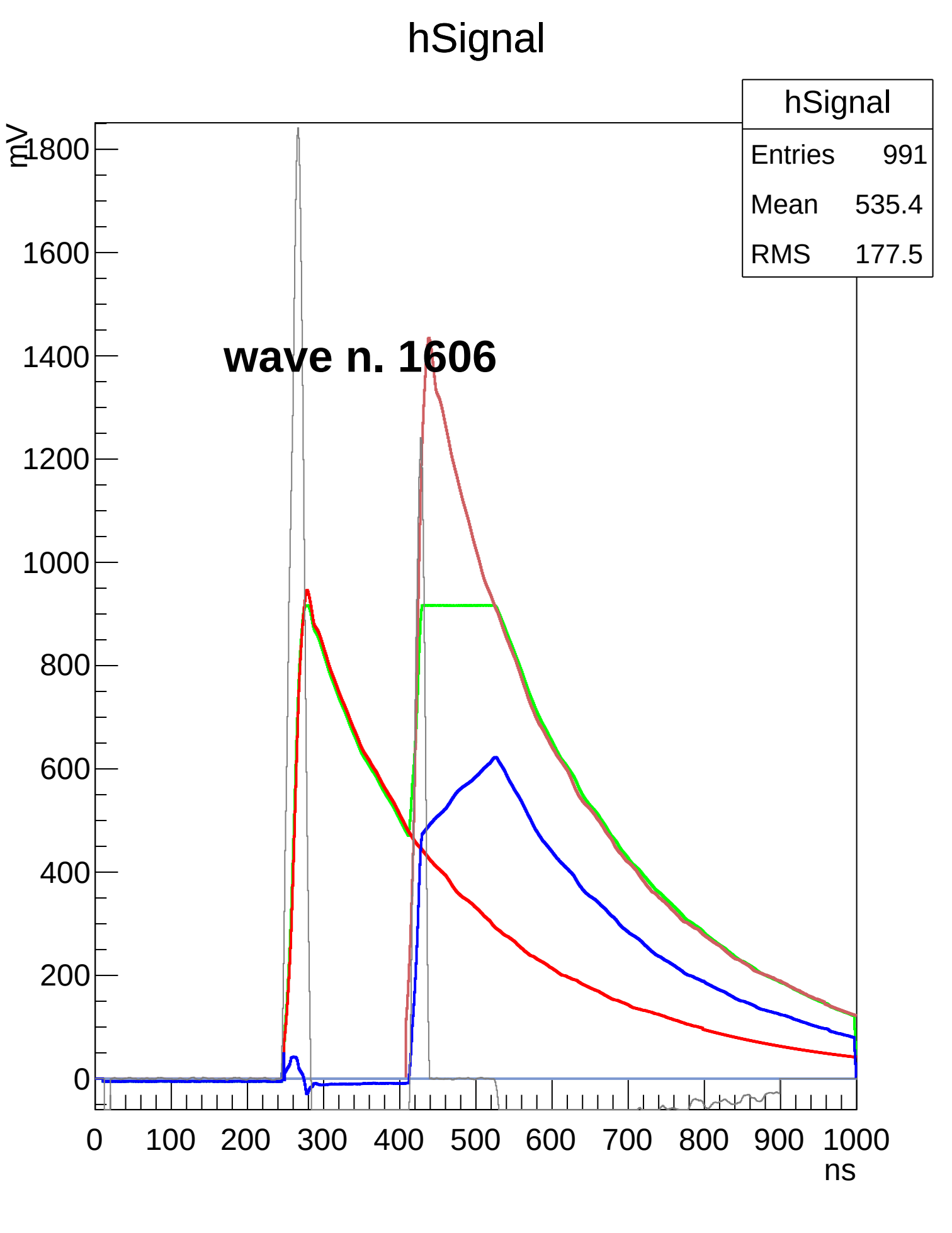

hSignal
hSignal
Entries 991
Mean 469
RMS 170
wave n. 1601
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

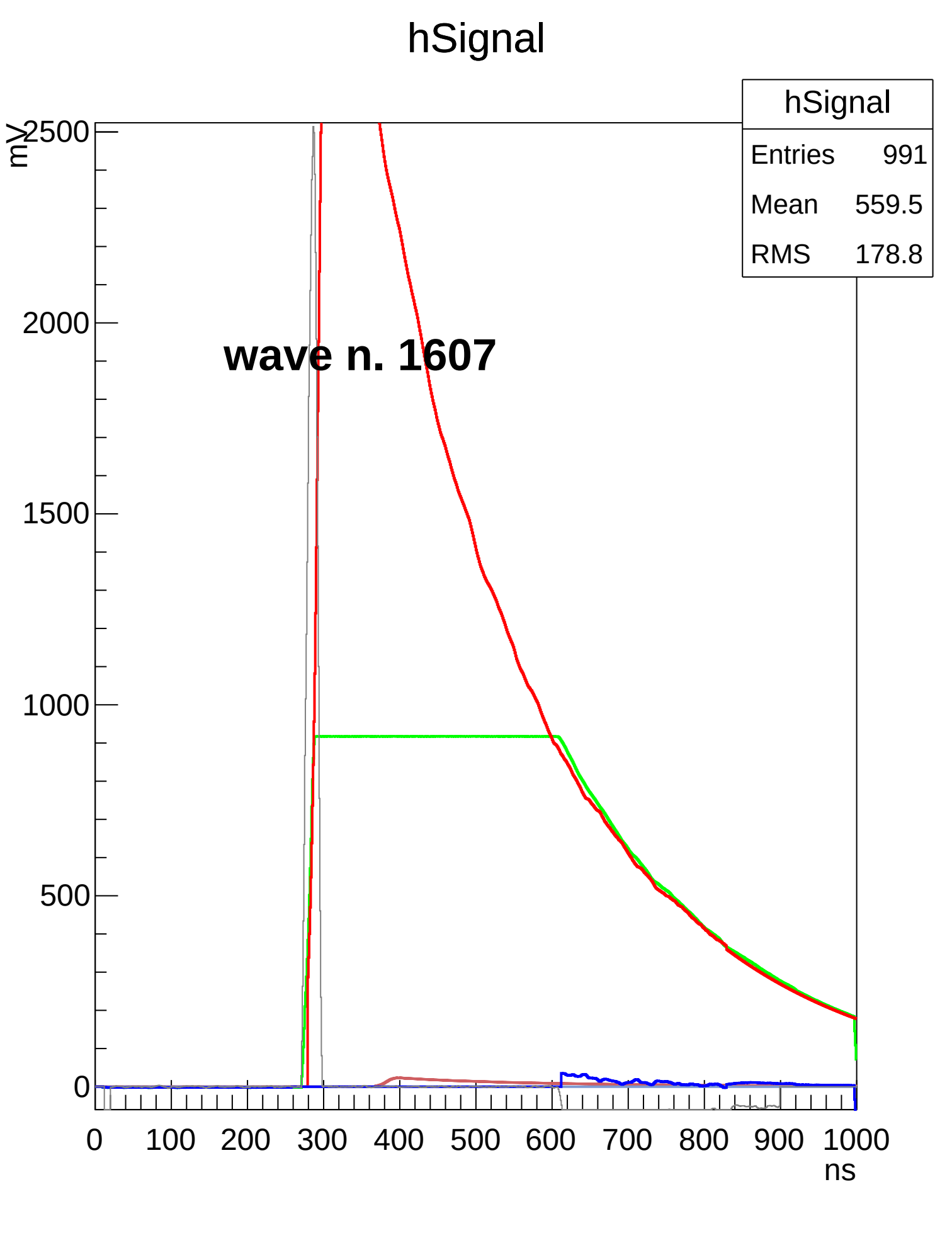

hSignal
hSignal
Entries 991
Mean 571.3
RMS 191.5
wave n. 1602
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

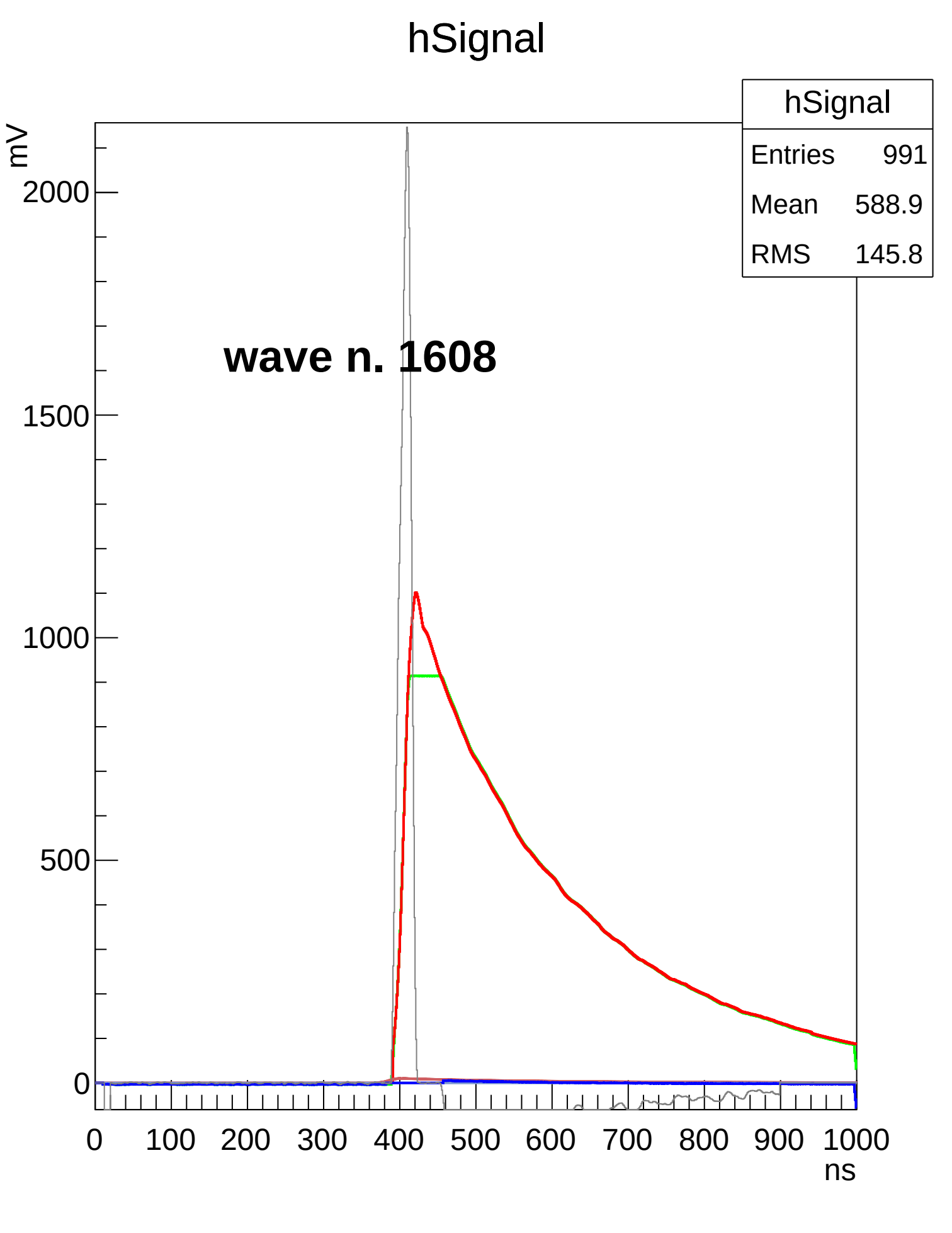

hSignal
hSignal
Entries 991
Mean 533.9
RMS 166.3
wave n. 1603
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

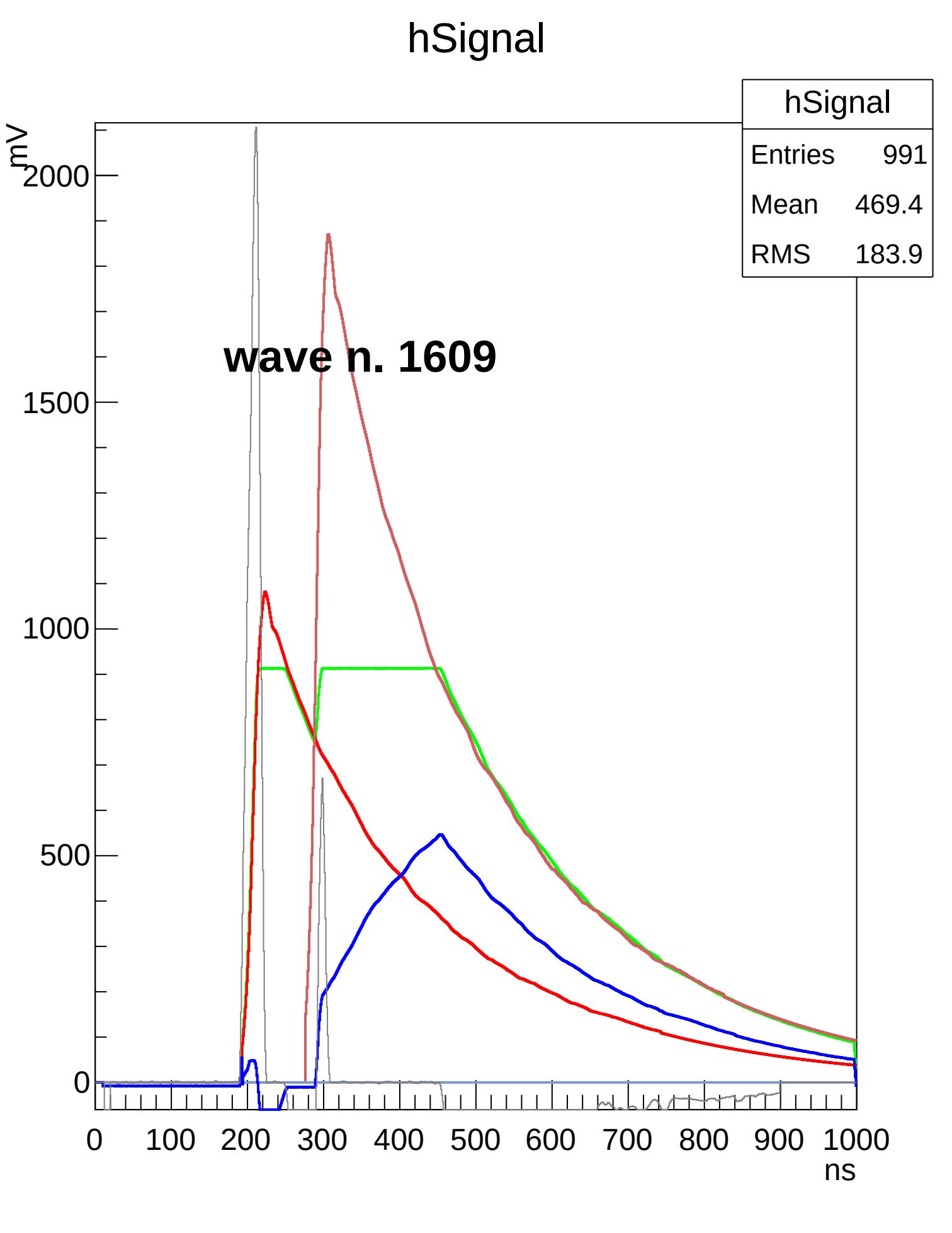

hSignal
hSignal
Entries 991
Mean 507.7
RMS 161.3
wave n. 1604
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

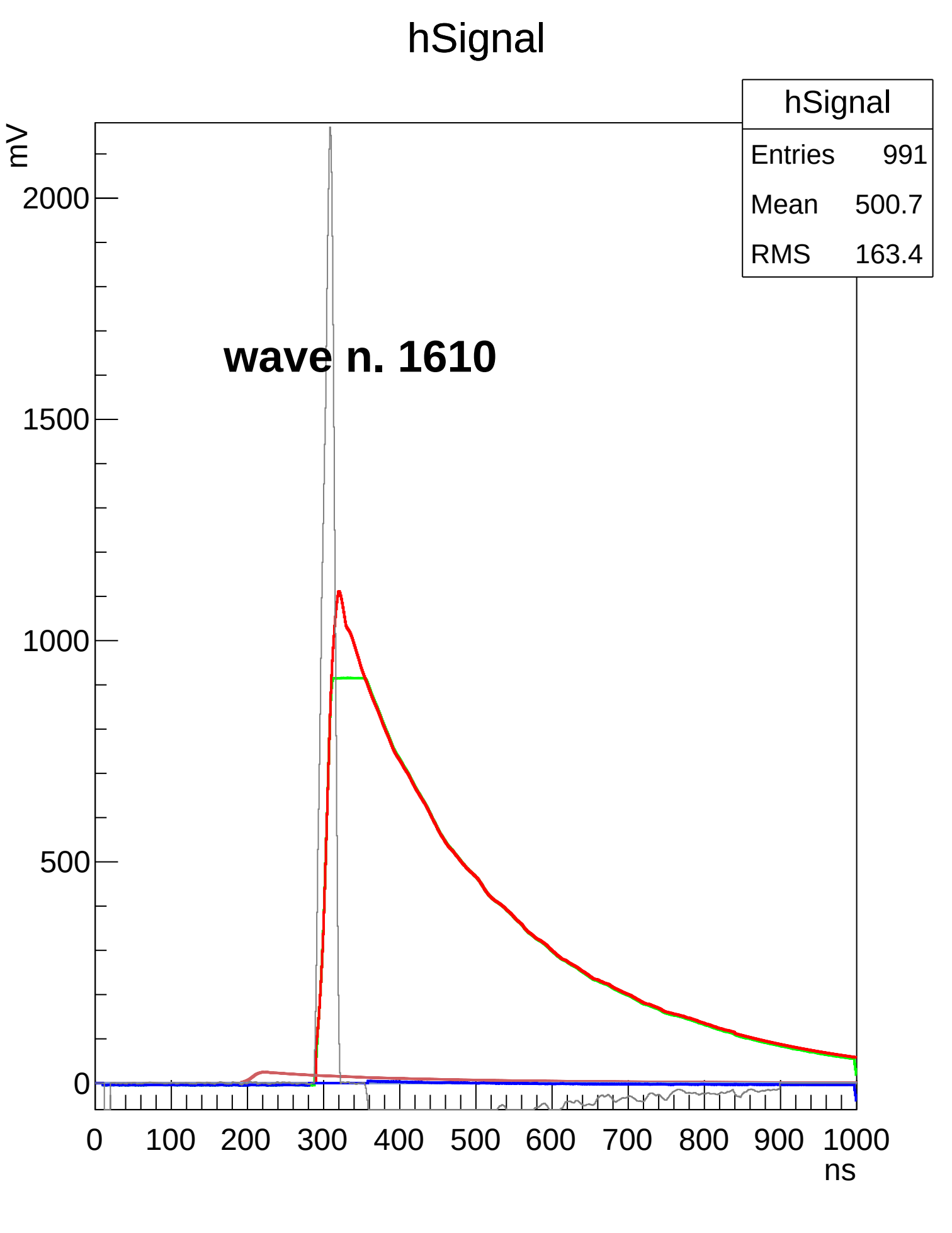

hSignal
hSignal
Entries 991
Mean 575.1
RMS 147.9
wave n. 1605
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 535.4
RMS 177.5
wave n. 1606
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 559.5
RMS 178.8
wave n. 1607
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 588.9
RMS 145.8
wave n. 1608
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 469.4
RMS 183.9
wave n. 1609
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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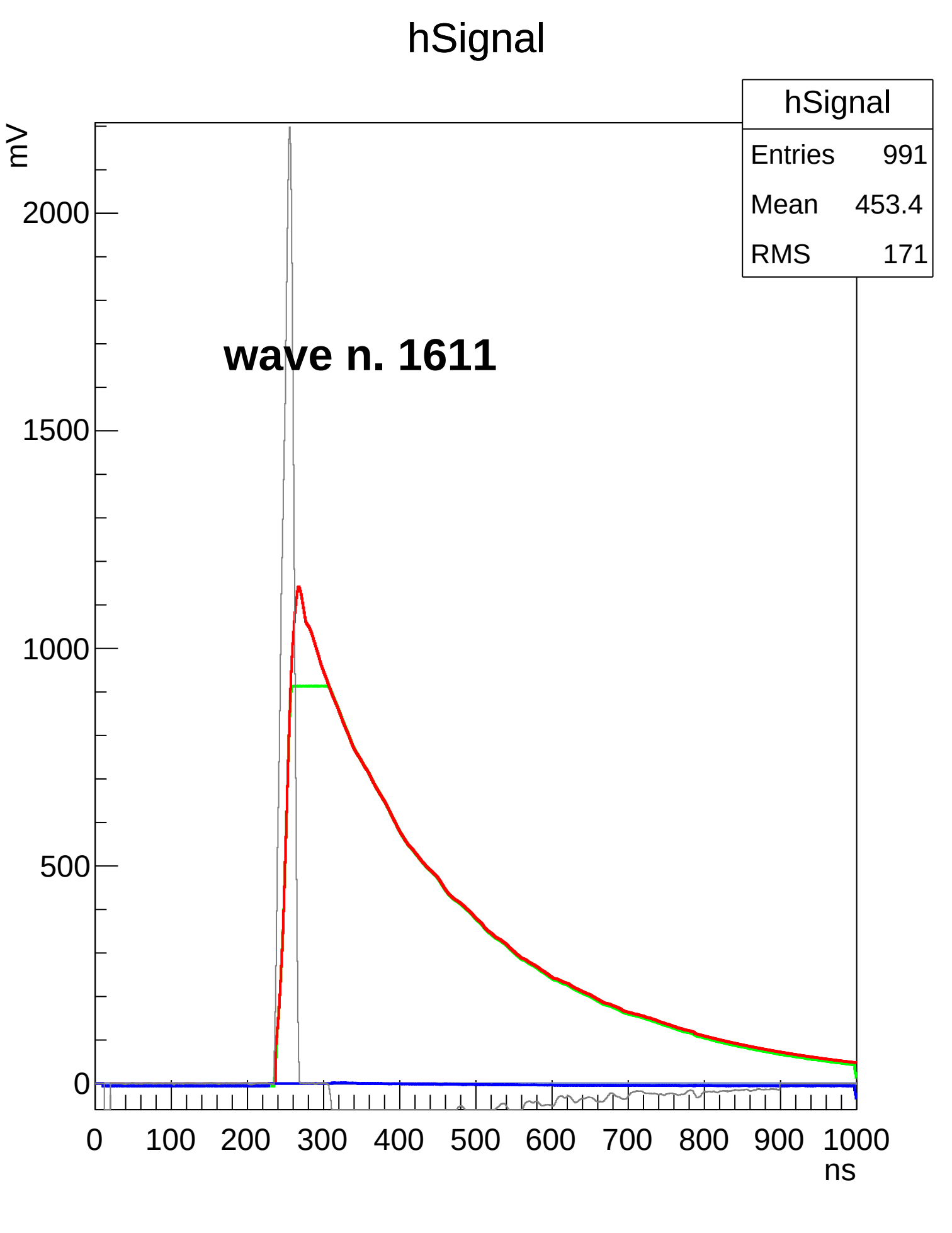
hSignal
Entries 991
Mean 500.7
RMS 163.4
wave n. 1610
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 453.4
RMS 171
wave n. 1611
mV
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1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
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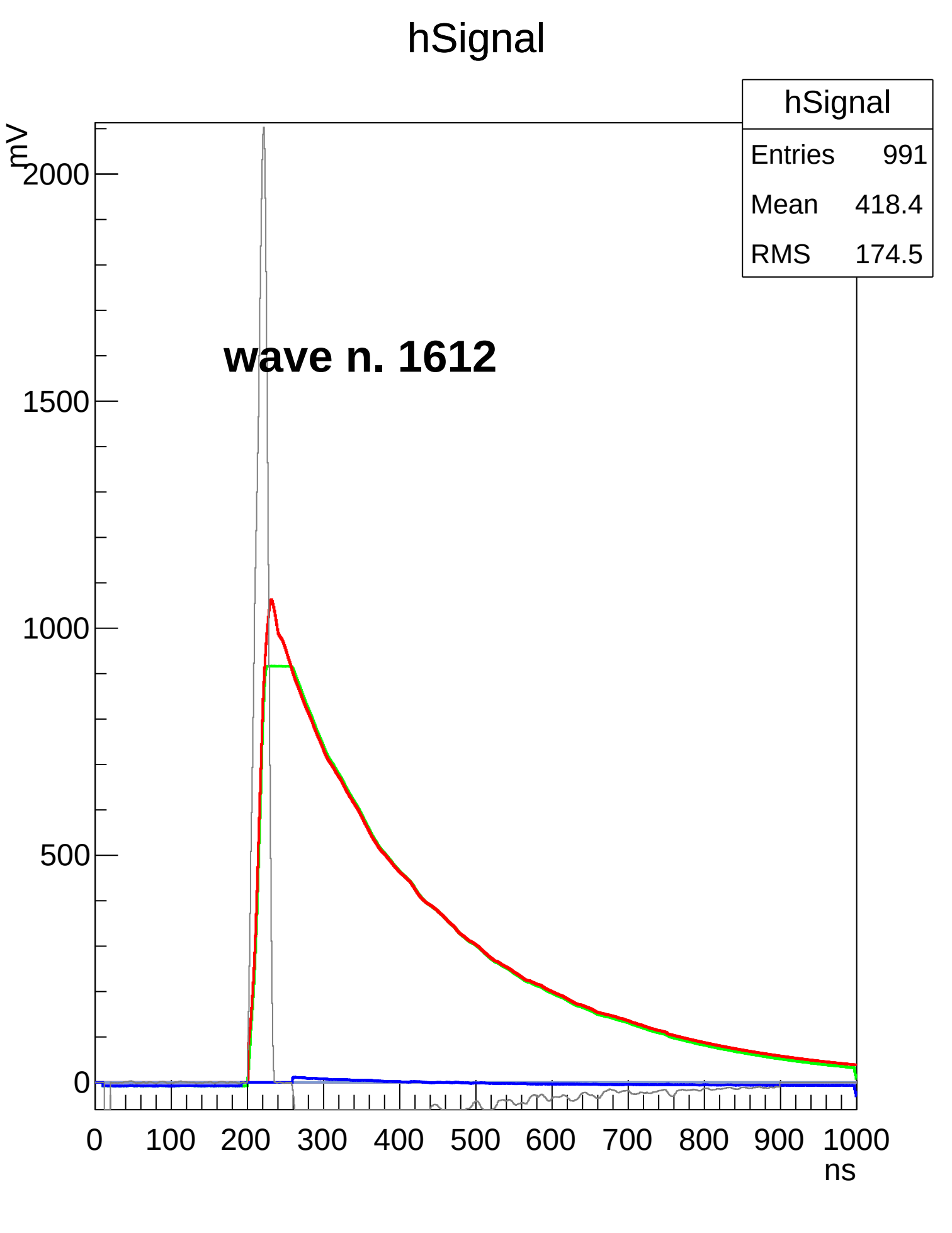
hSignal
hSignal
Entries 991
Mean 418.4
RMS 174.5
wave n. 1612
mV
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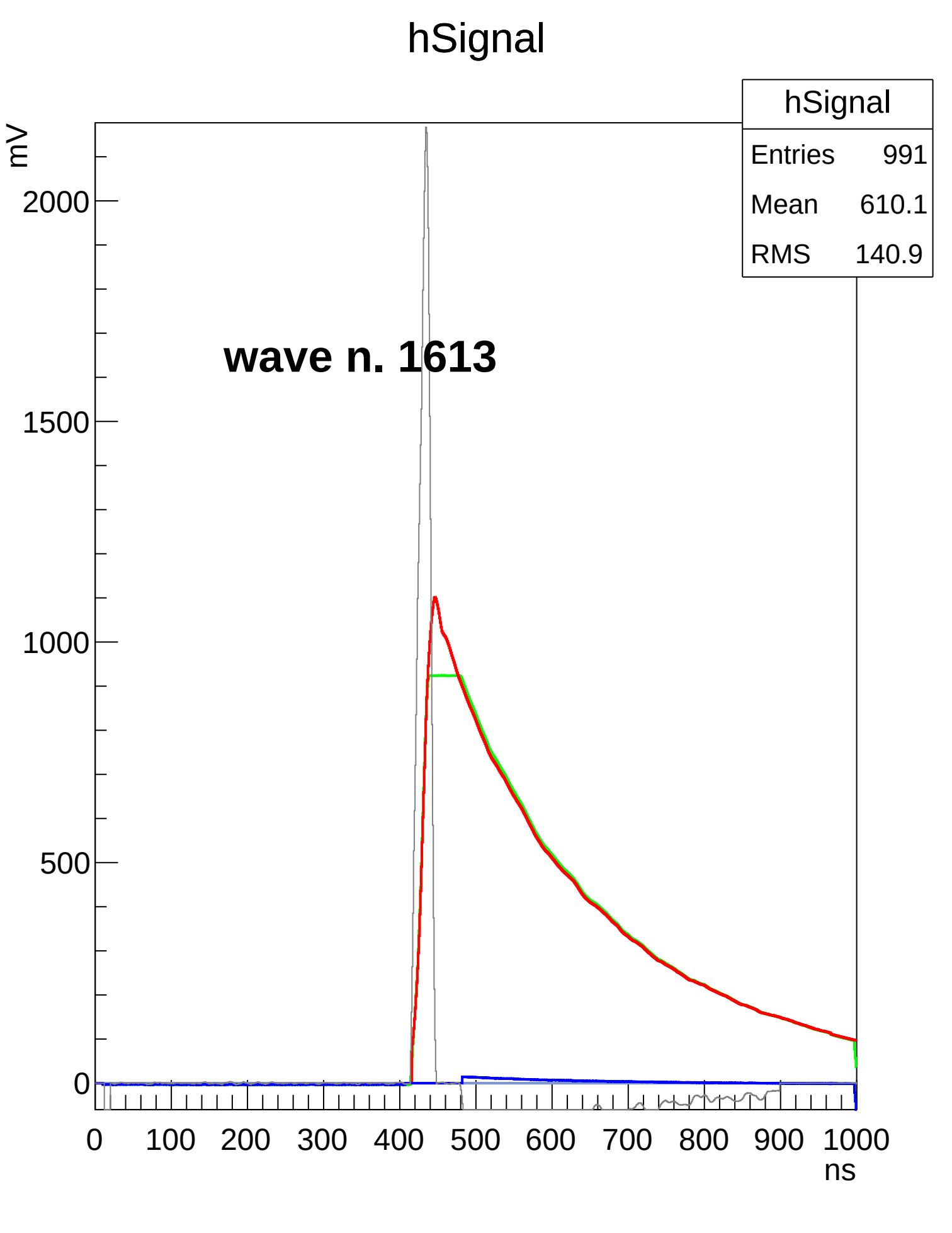
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 610.1
RMS 140.9
wave n. 1613
mV
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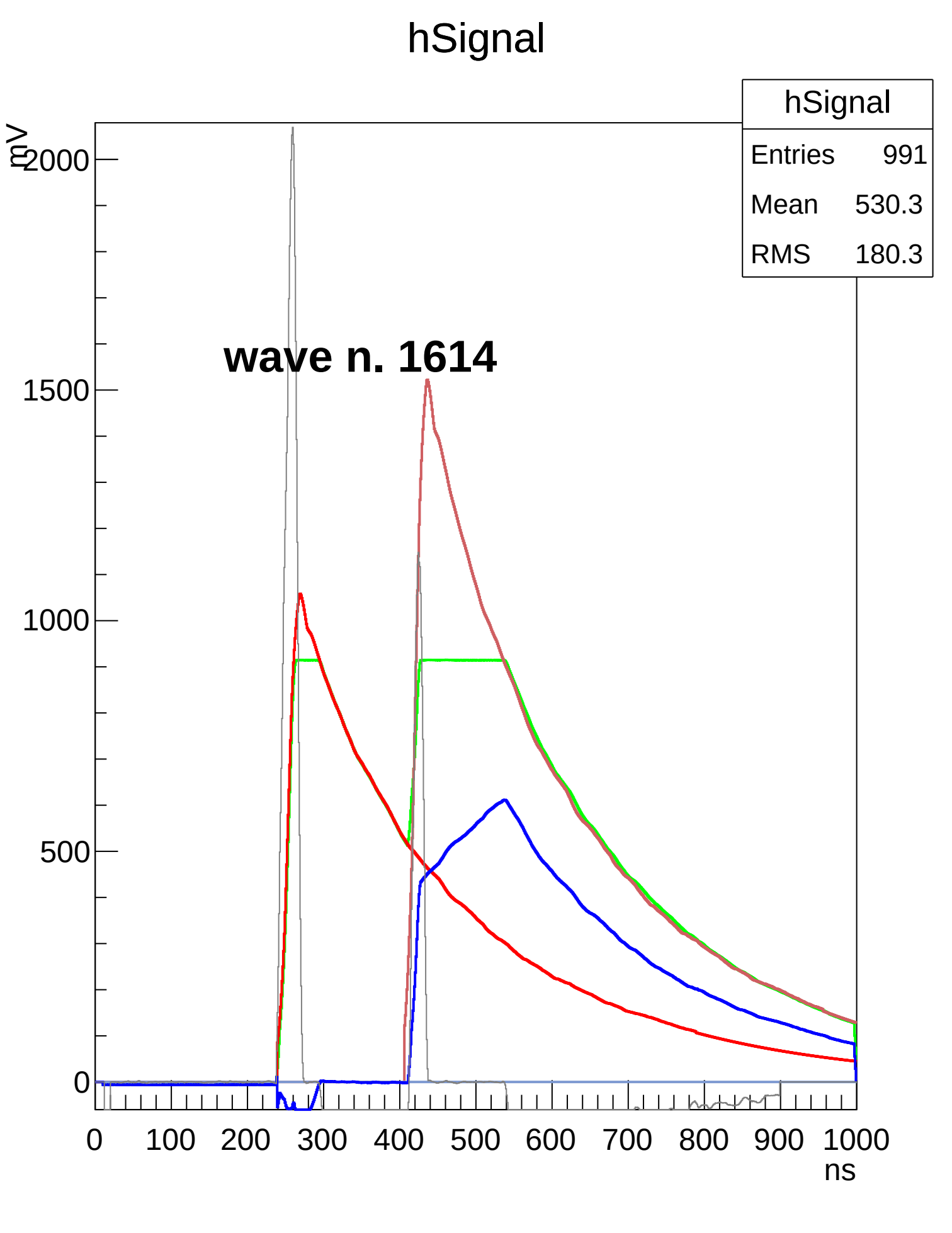
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 530.3
RMS 180.3
wave n. 1614
mV
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1000
500
0
0
100
200
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400
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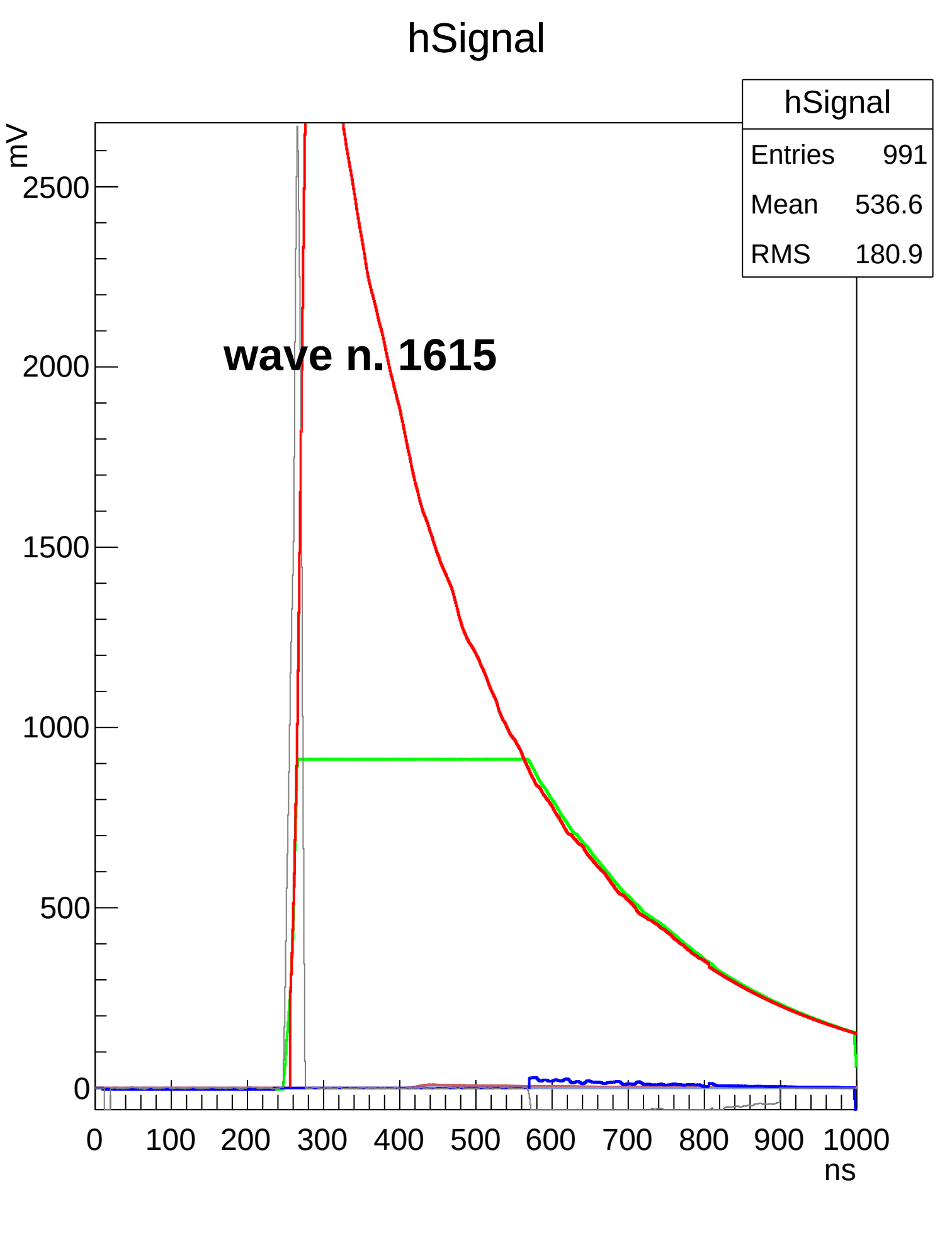
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 536.6
RMS 180.9
wave n. 1615
mV
2500
2000
1500
1000
500
0
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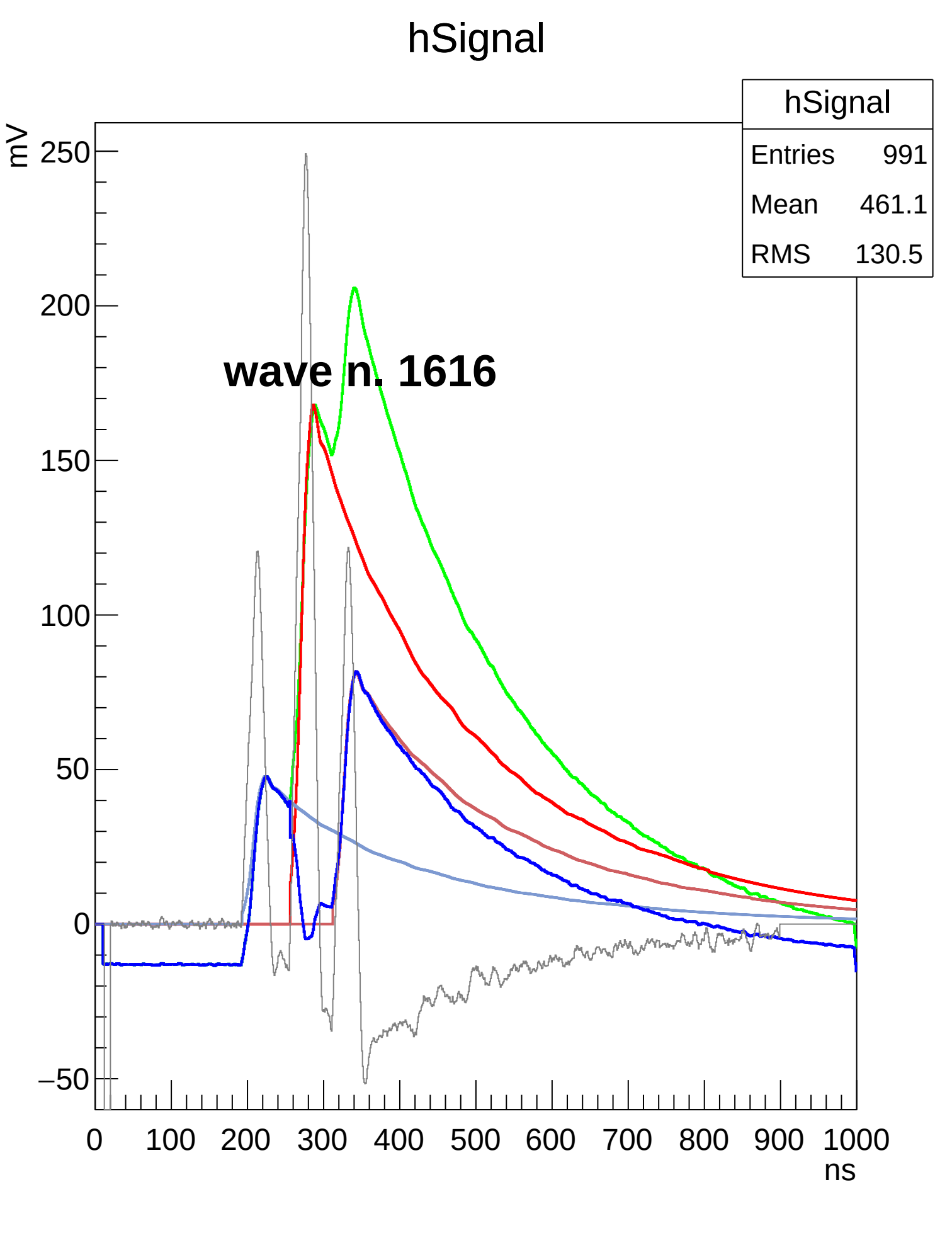
ns


hSignal
hSignal
Entries 991
Mean 461.1
RMS 130.5
wave n. 1616
mV
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200
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100
50
0
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400
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800
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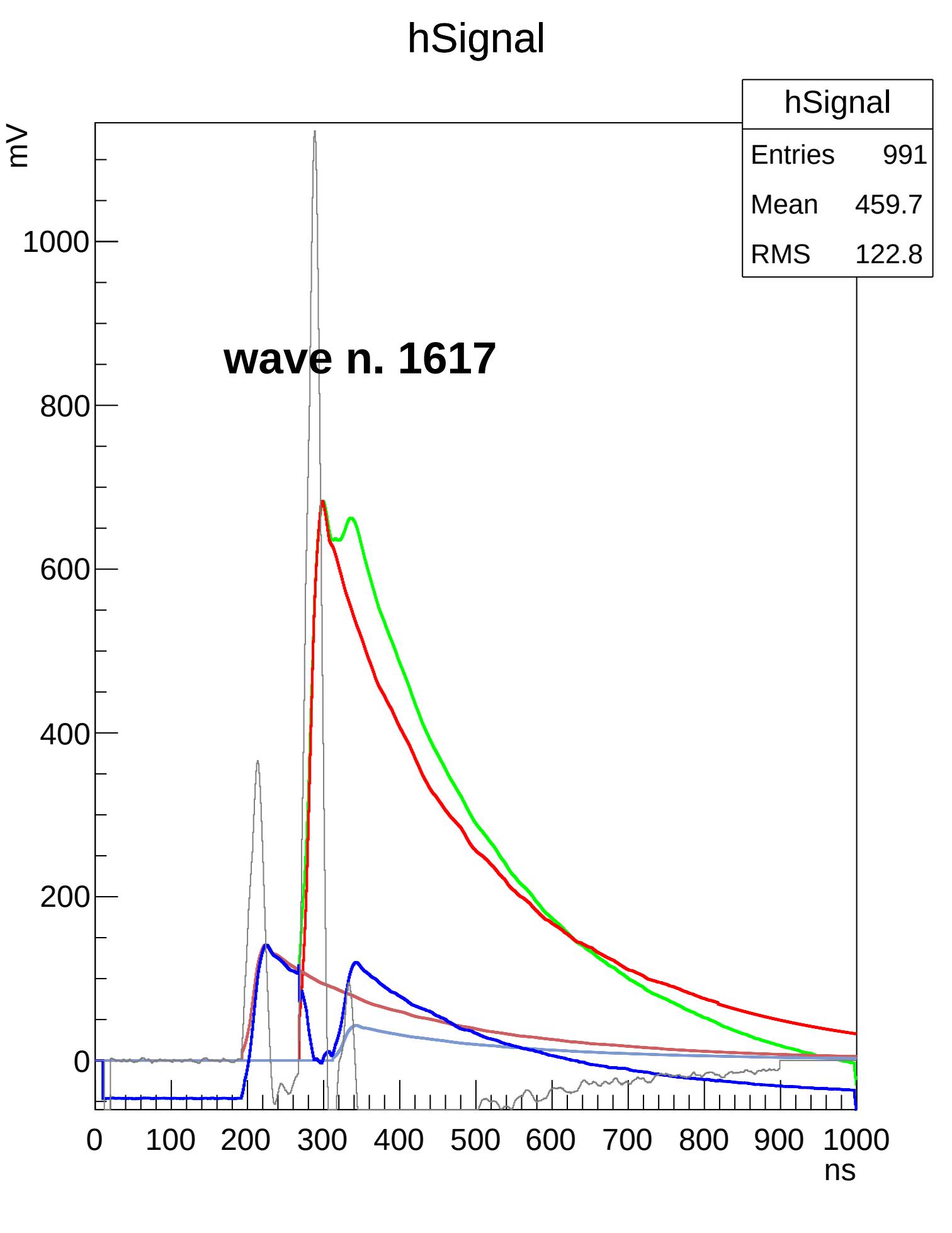
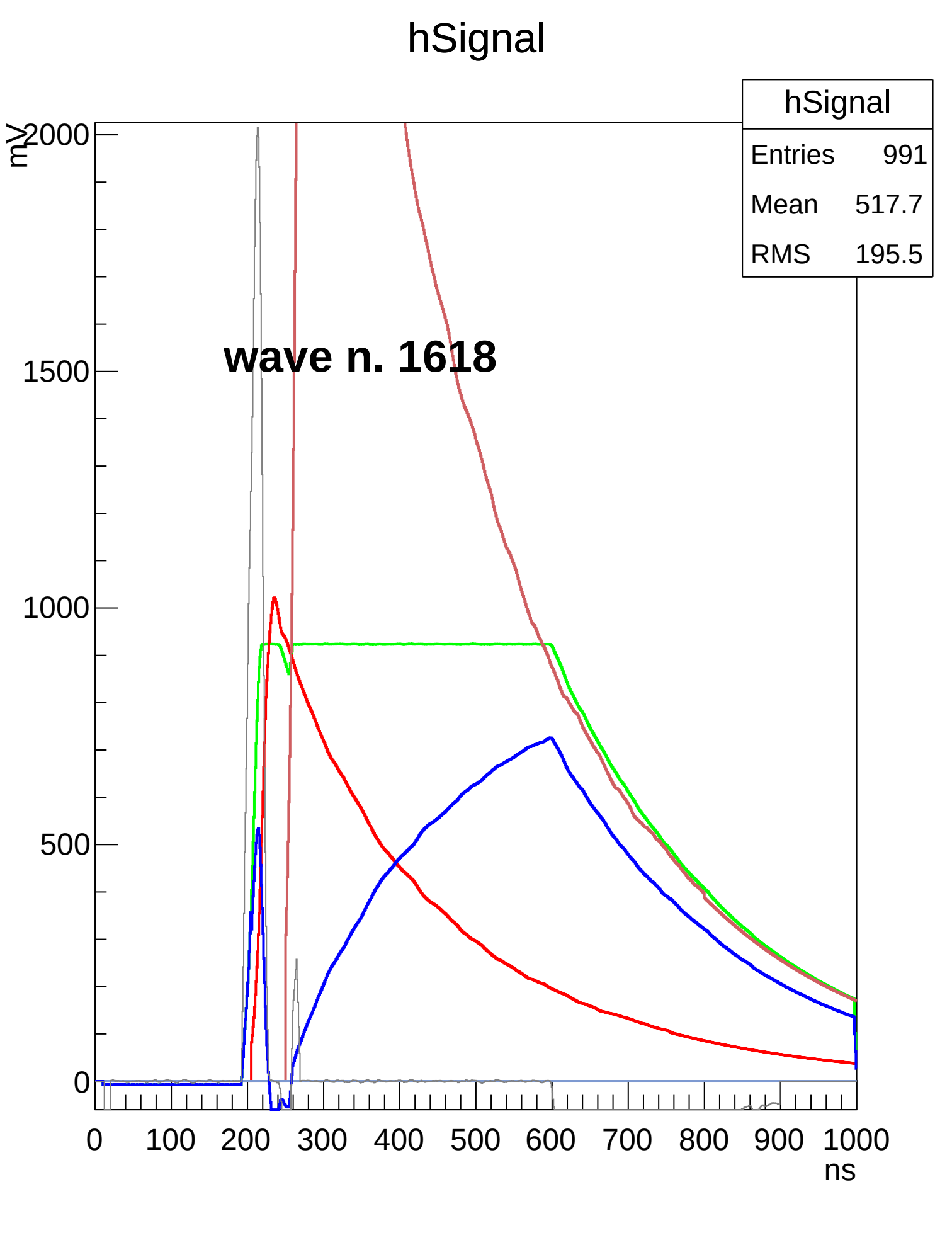
1000
ns


hSignal
hSignal
Entries 991
Mean 459.7
RMS 122.8
wave n. 1617
mV
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 517.7
RMS 195.5
wave n. 1618
mV
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1500
1000
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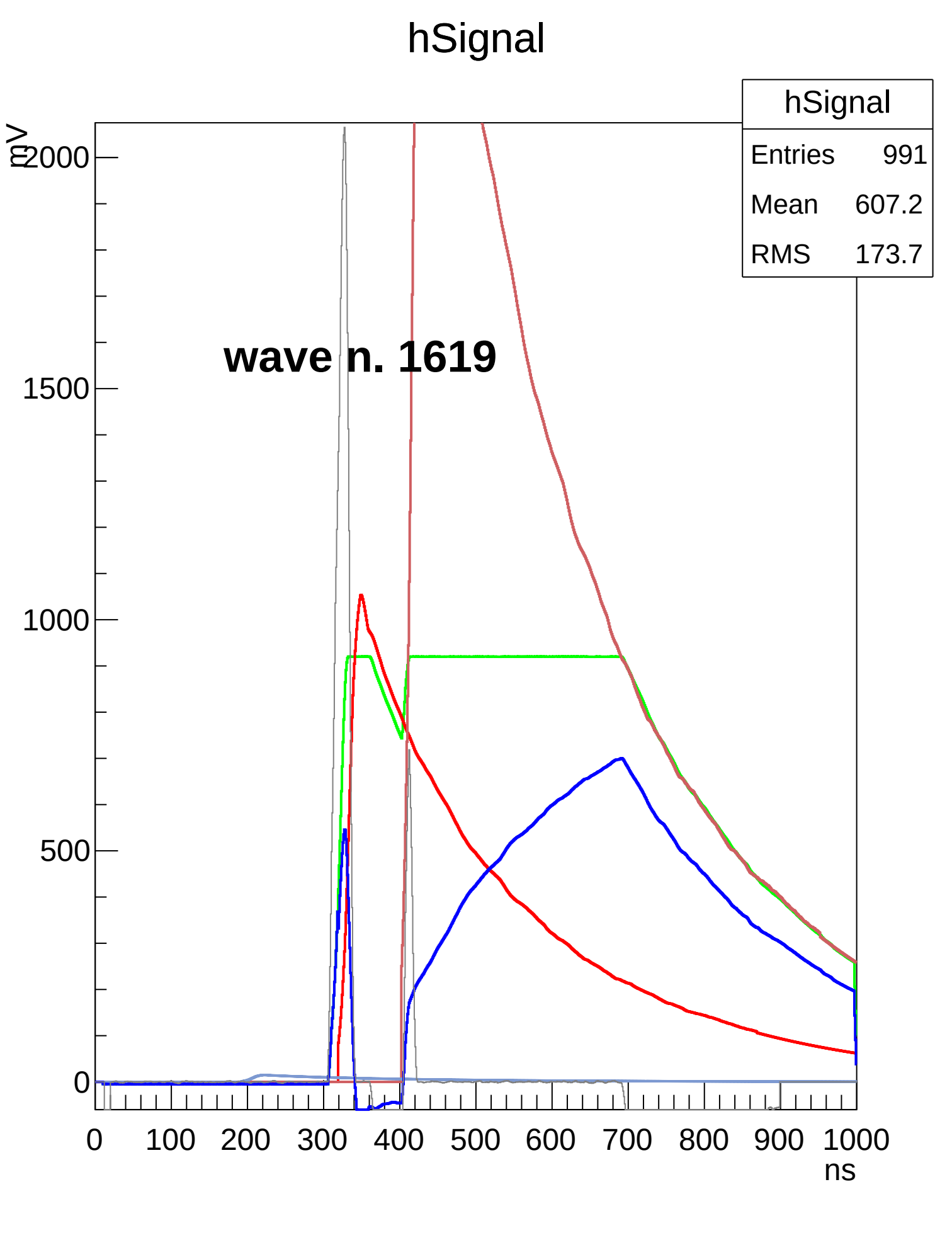
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 607.2
RMS 173.7
wave n. 1619
mV
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1500
1000
500
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0
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200
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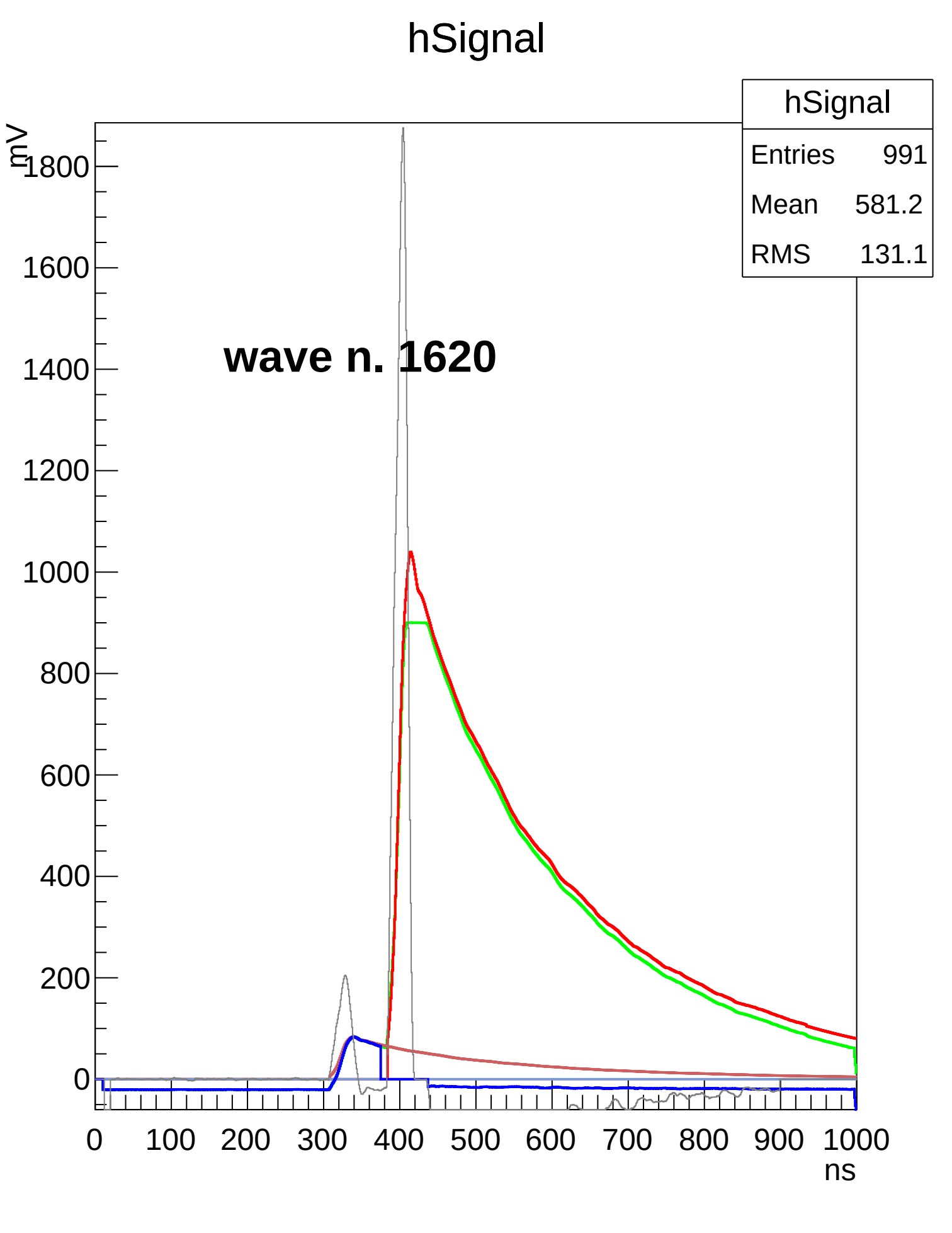
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 581.2
RMS 131.1
wave n. 1620
mV
1800
1600
1400
1200
1000
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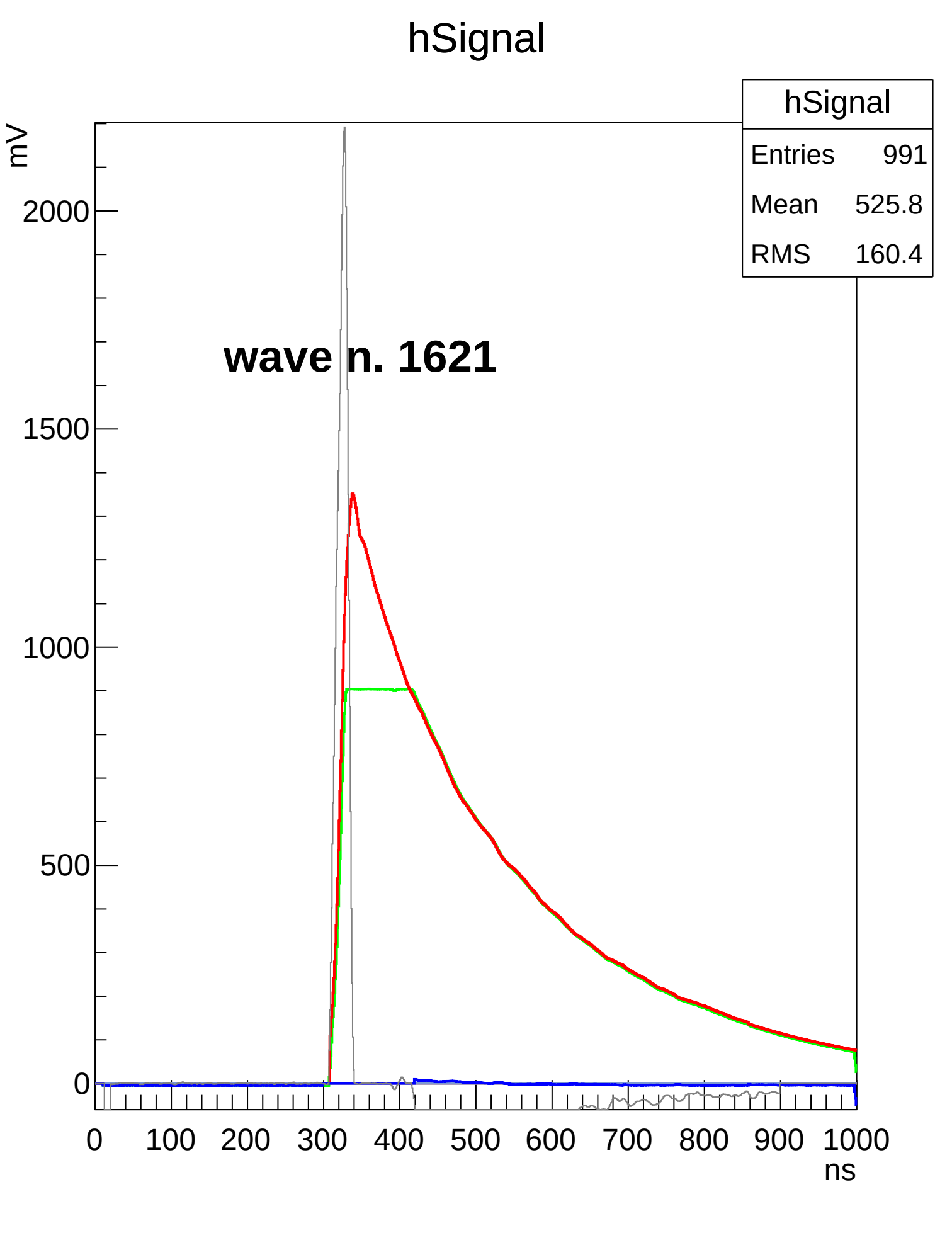
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 525.8
RMS 160.4
wave n. 1621
mV
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1500
1000
500
0
0
100
200
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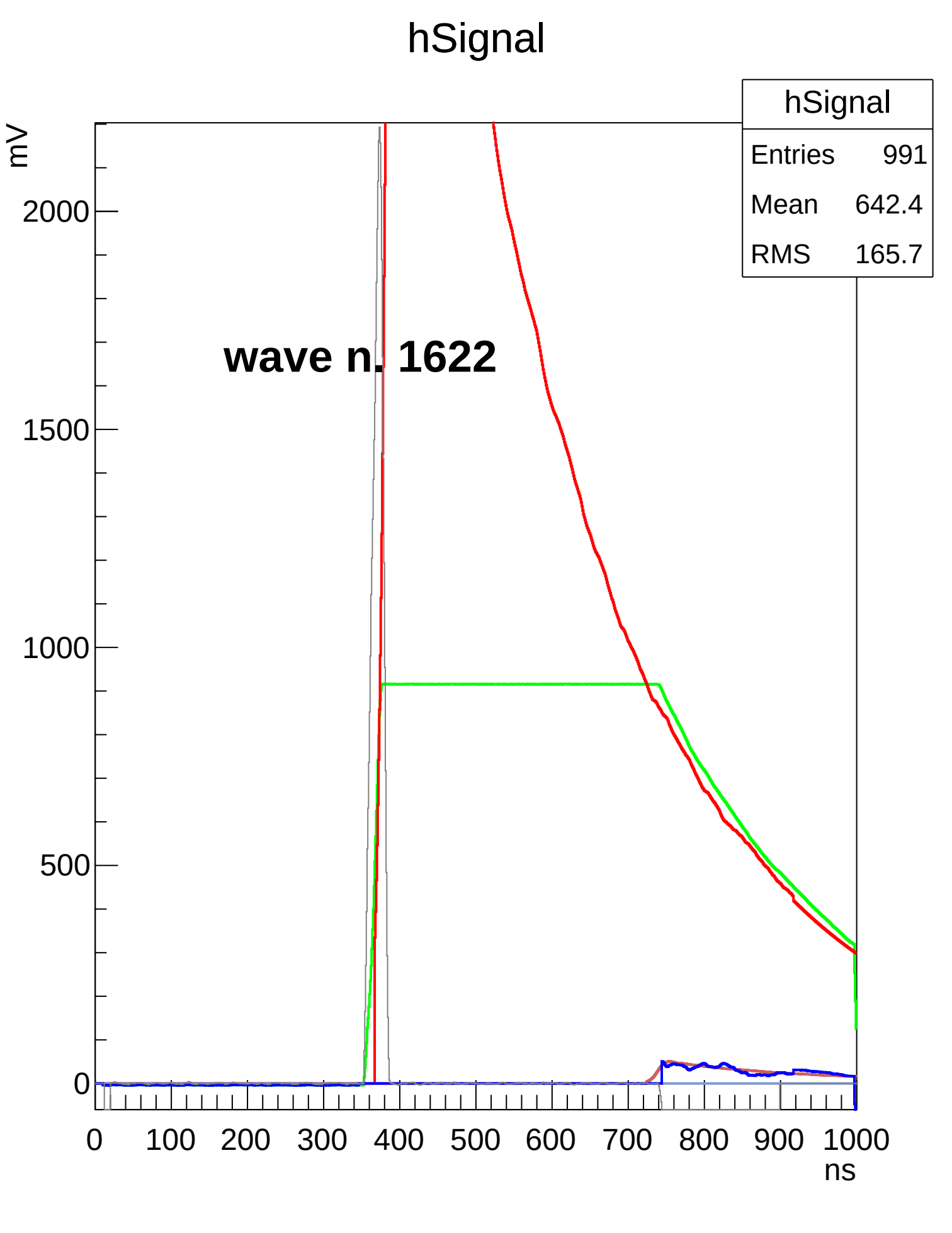
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 642.4
RMS 165.7
wave n. 1622
mV
2000
1500
1000
500
0
0
100
200
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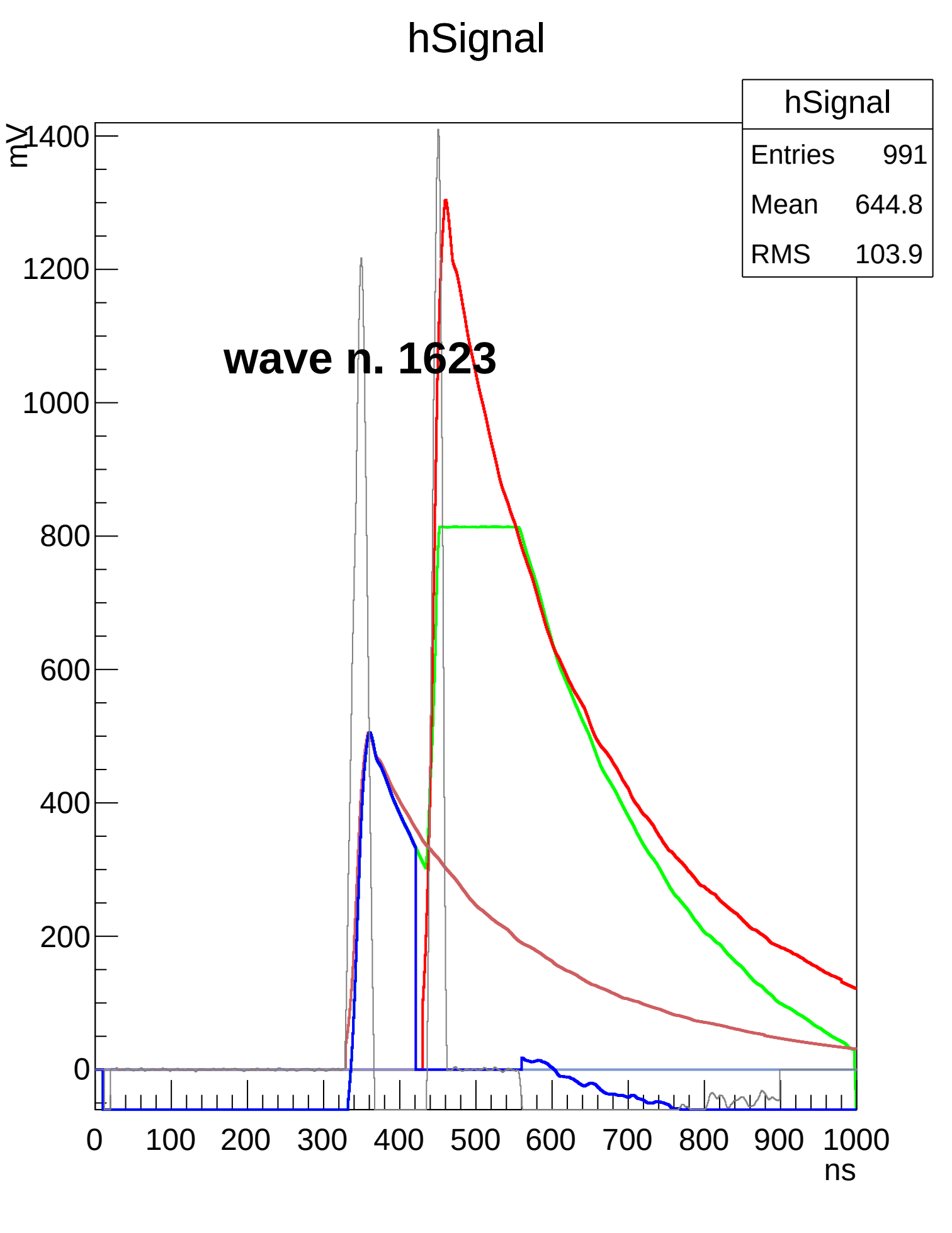
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 644.8
RMS 103.9
wave n. 1623
mV
1400
1200
1000
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600
400
200
0
0
100
200
300
400
500
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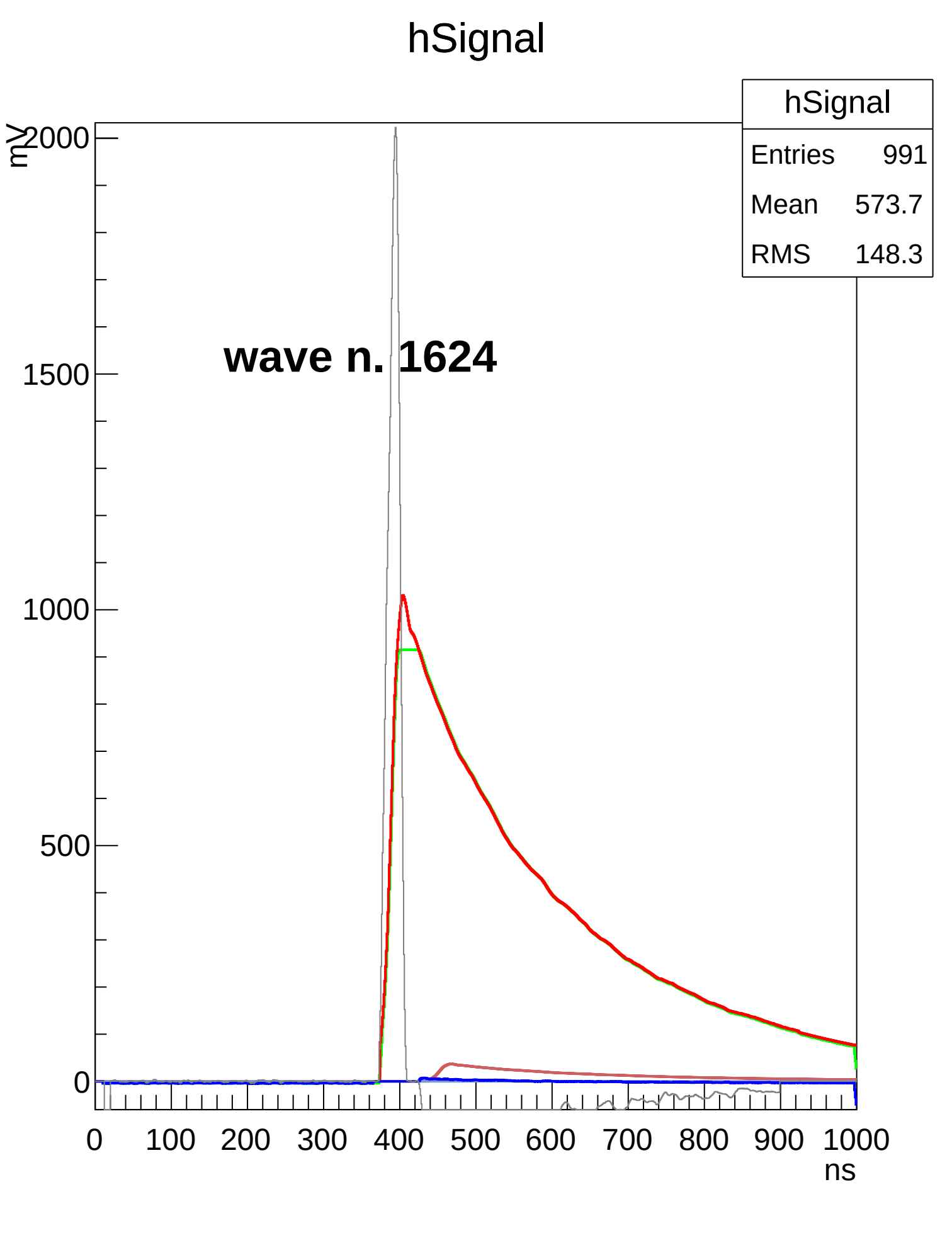
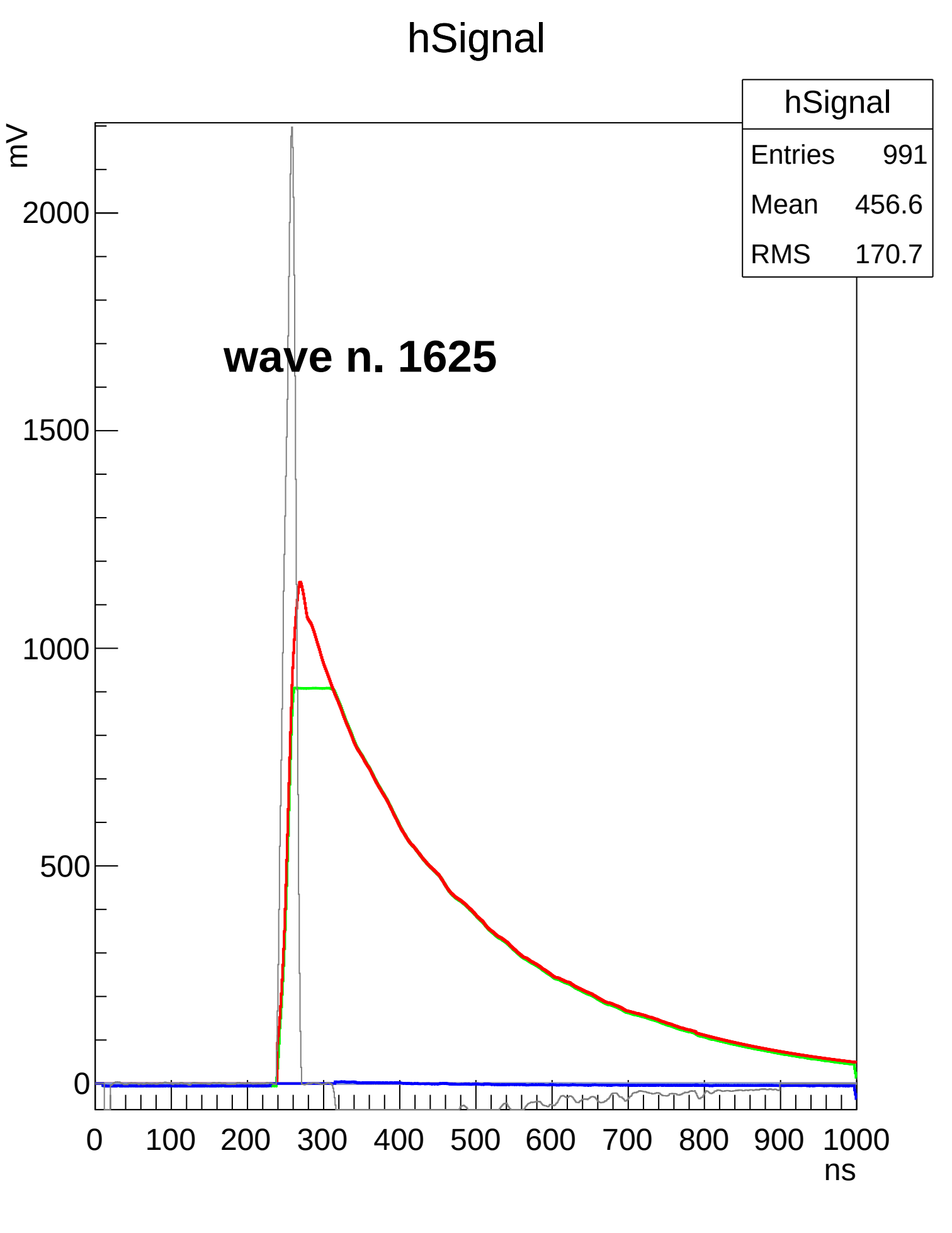
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.7
RMS 148.3
wave n. 1624
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 456.6
RMS 170.7
wave n. 1625
mV
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1500
1000
500
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700
800
900
1000
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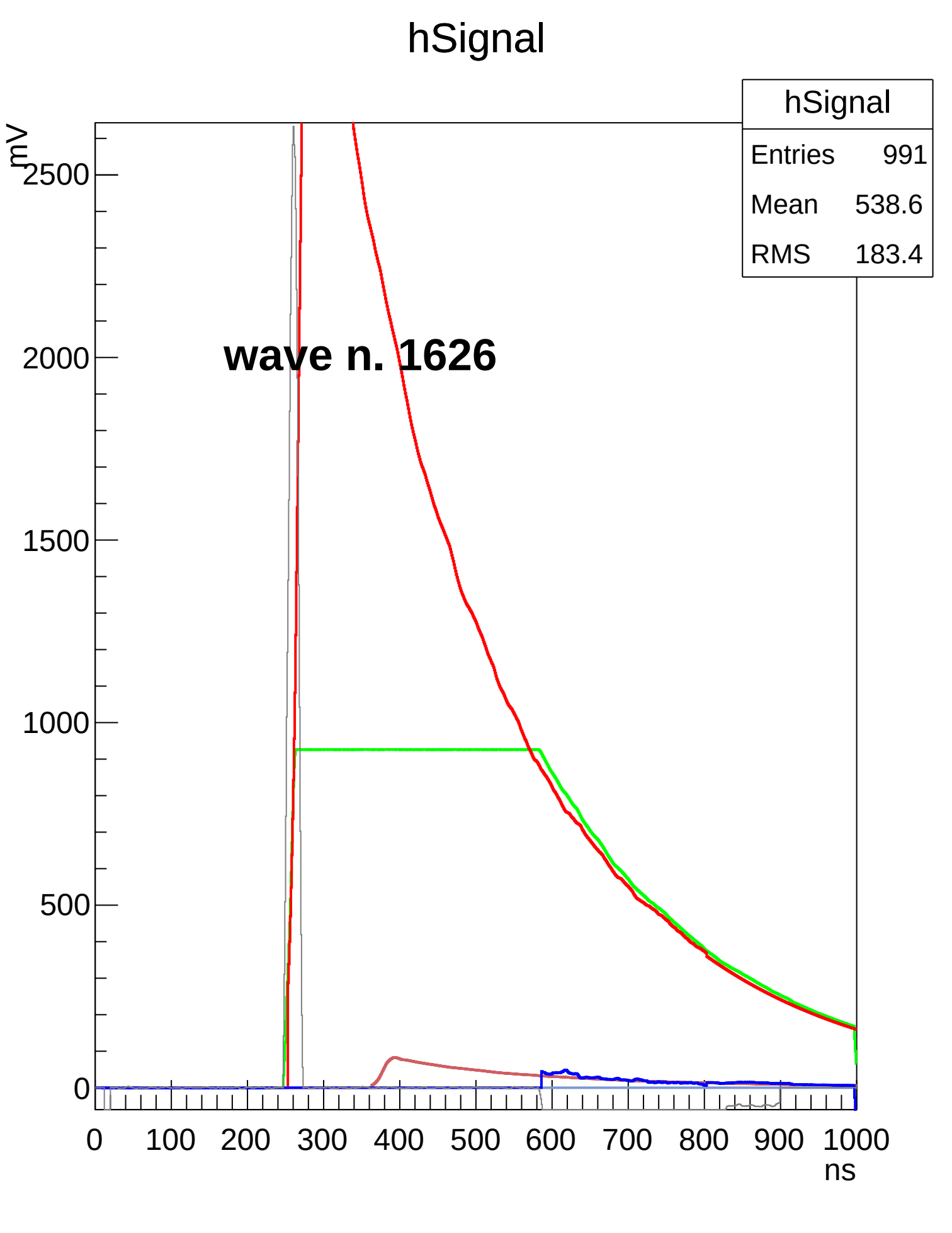
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Entries 991
Mean 538.6
RMS 183.4
wave n. 1626
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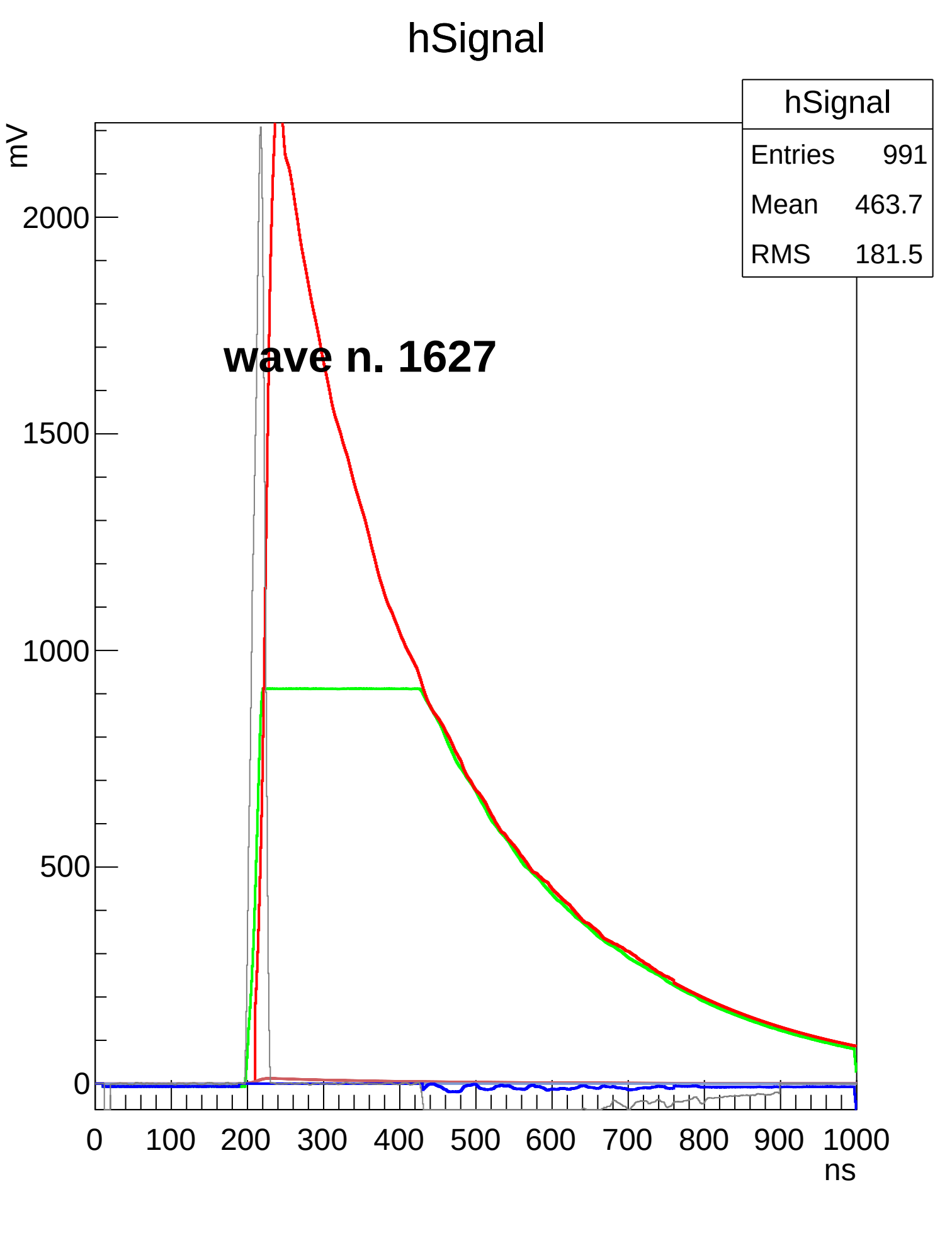
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hSignal
Entries 991
Mean 463.7
RMS 181.5
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500
0
0
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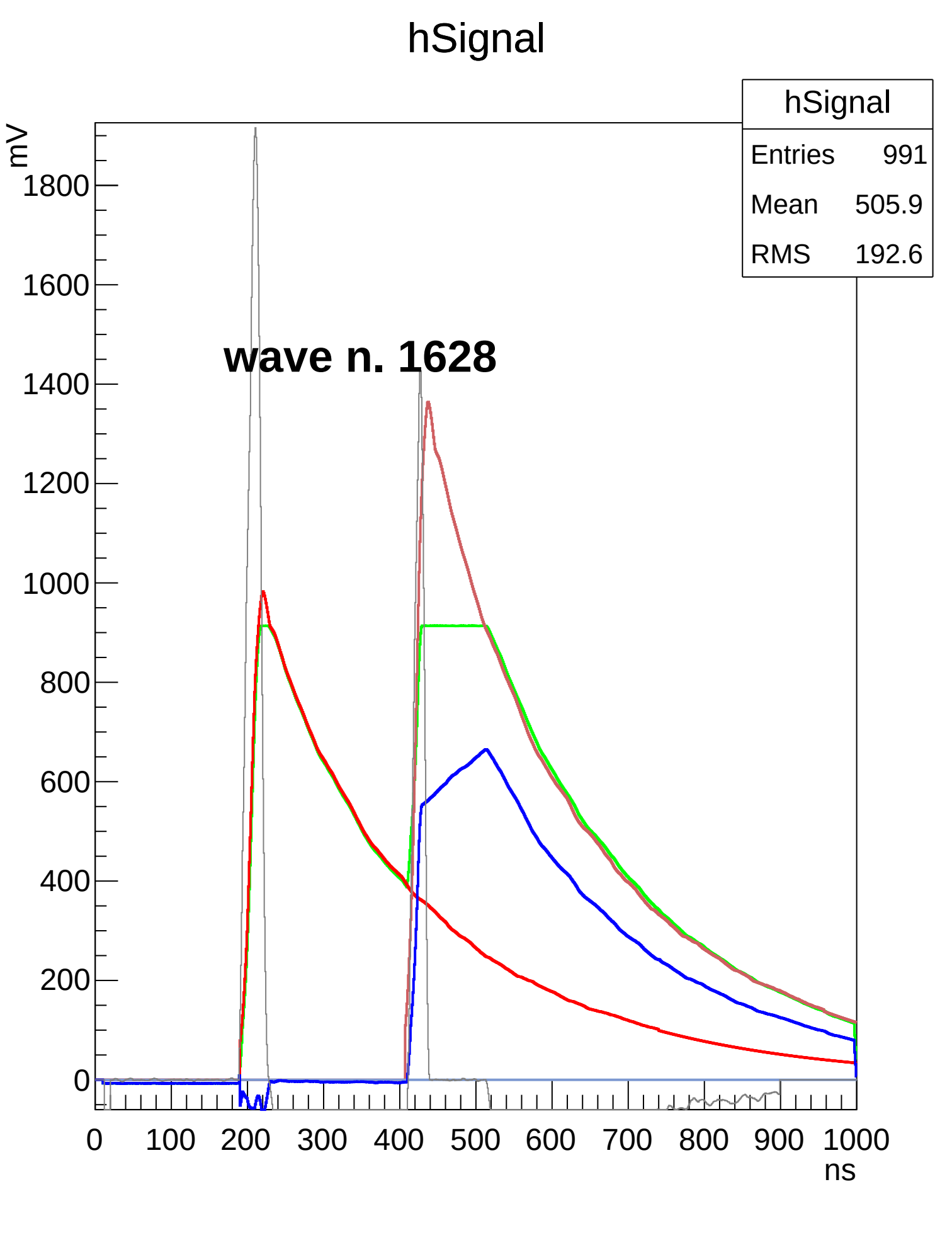
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.9
RMS 192.6
wave n. 1628
mV
1800
1600
1400
1200
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600
400
200
0
0
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200
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400
500
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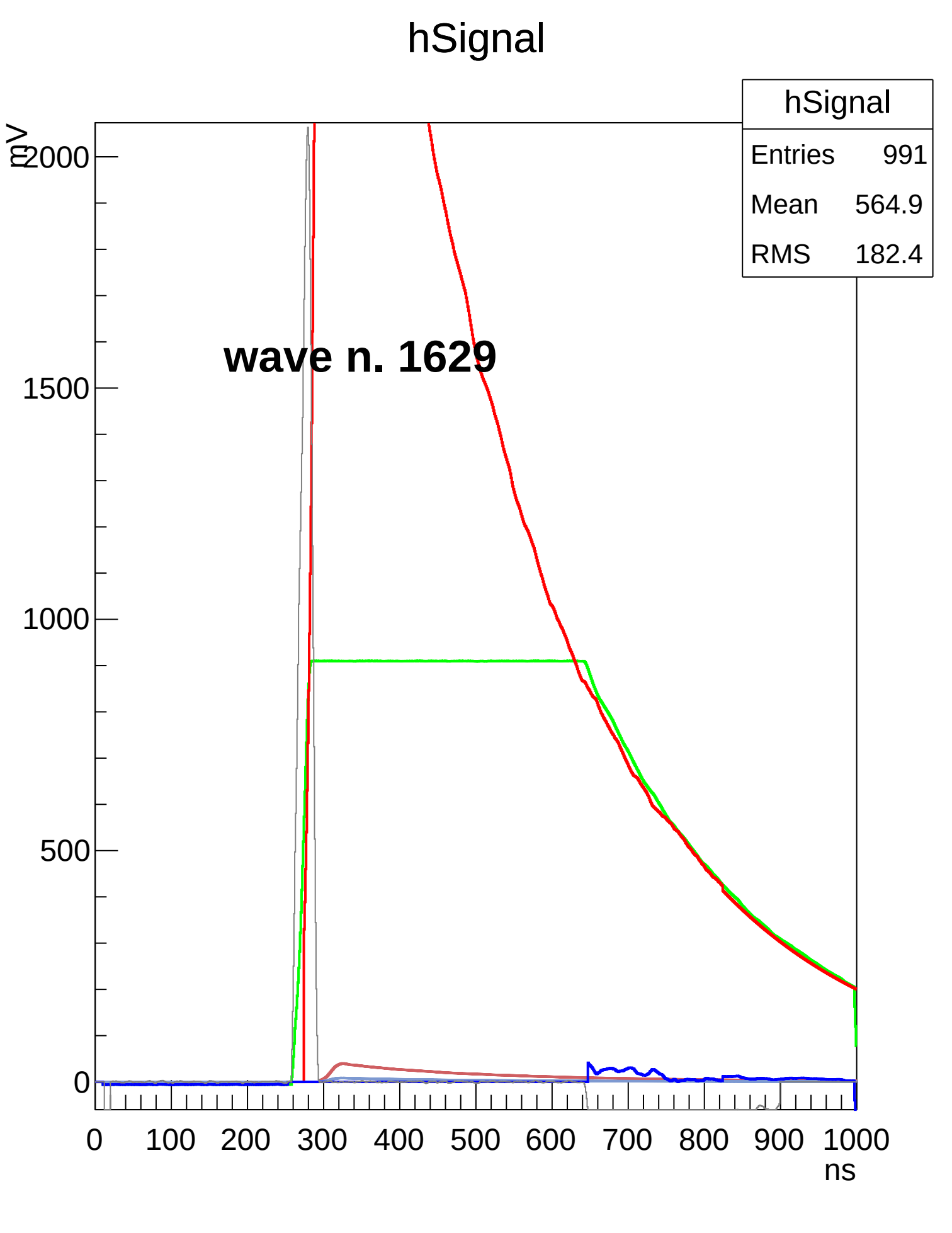
800
900
1000
ns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hSignal
Entries 991
Mean 564.9
RMS 182.4
wave n. 1629
mV
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1500
1000
500
0
0
100
200
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400
500
600
700
800
900
1000
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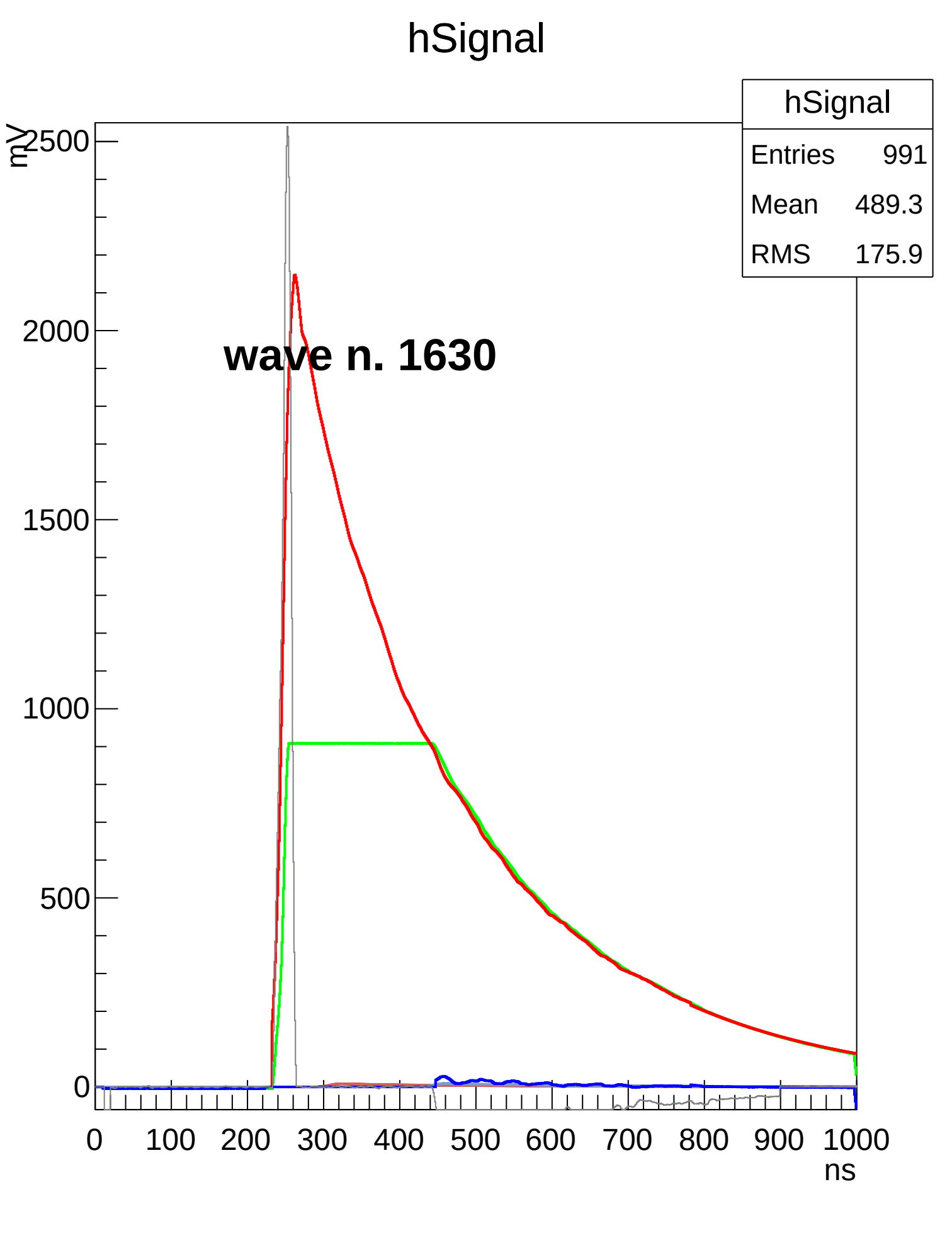
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hSignal
Entries 991
Mean 489.3
RMS 175.9
wave n. 1630
mV
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1500
1000
500
0
0
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400
500
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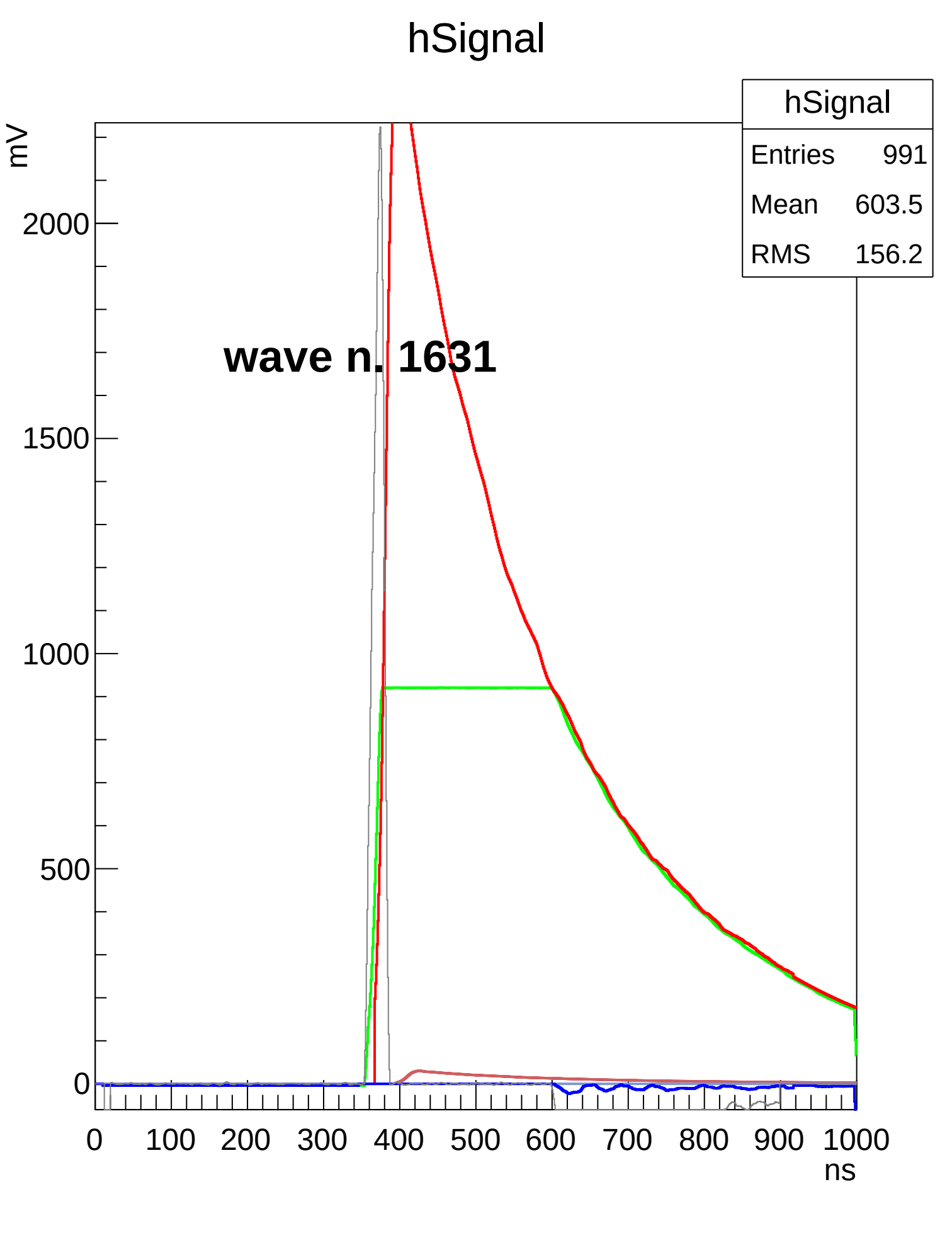
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 603.5
RMS 156.2
wave n. 1631
mV
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1500
1000
500
0
0
100
200
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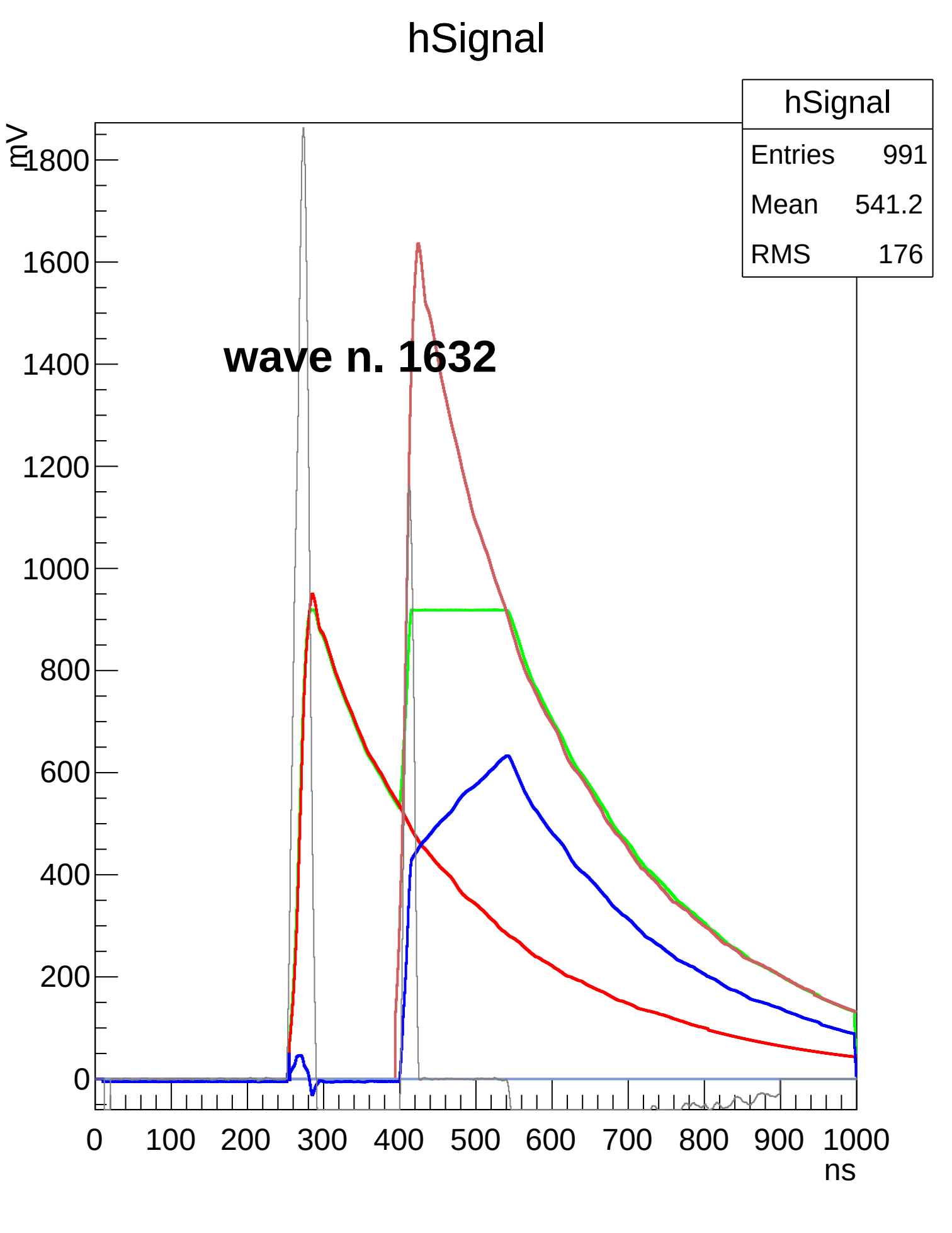
400
500
600
700
800
900
1000
ns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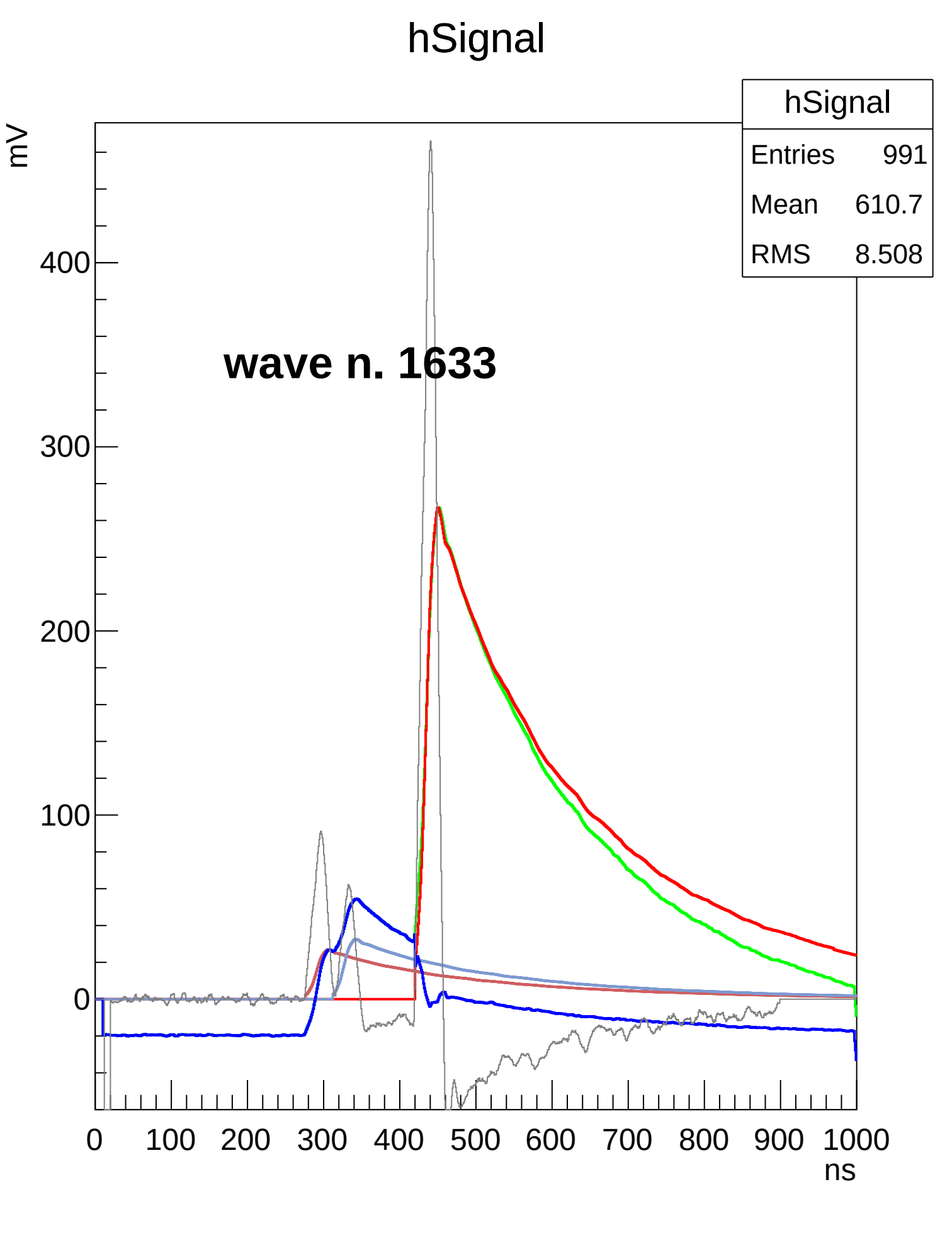
hSignal
Entries 991
Mean 541.2
RMS 176
wave n. 1632
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 610.7
RMS 8.508
wave n. 1633
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300
200
100
0
0
100
200
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400
500
600
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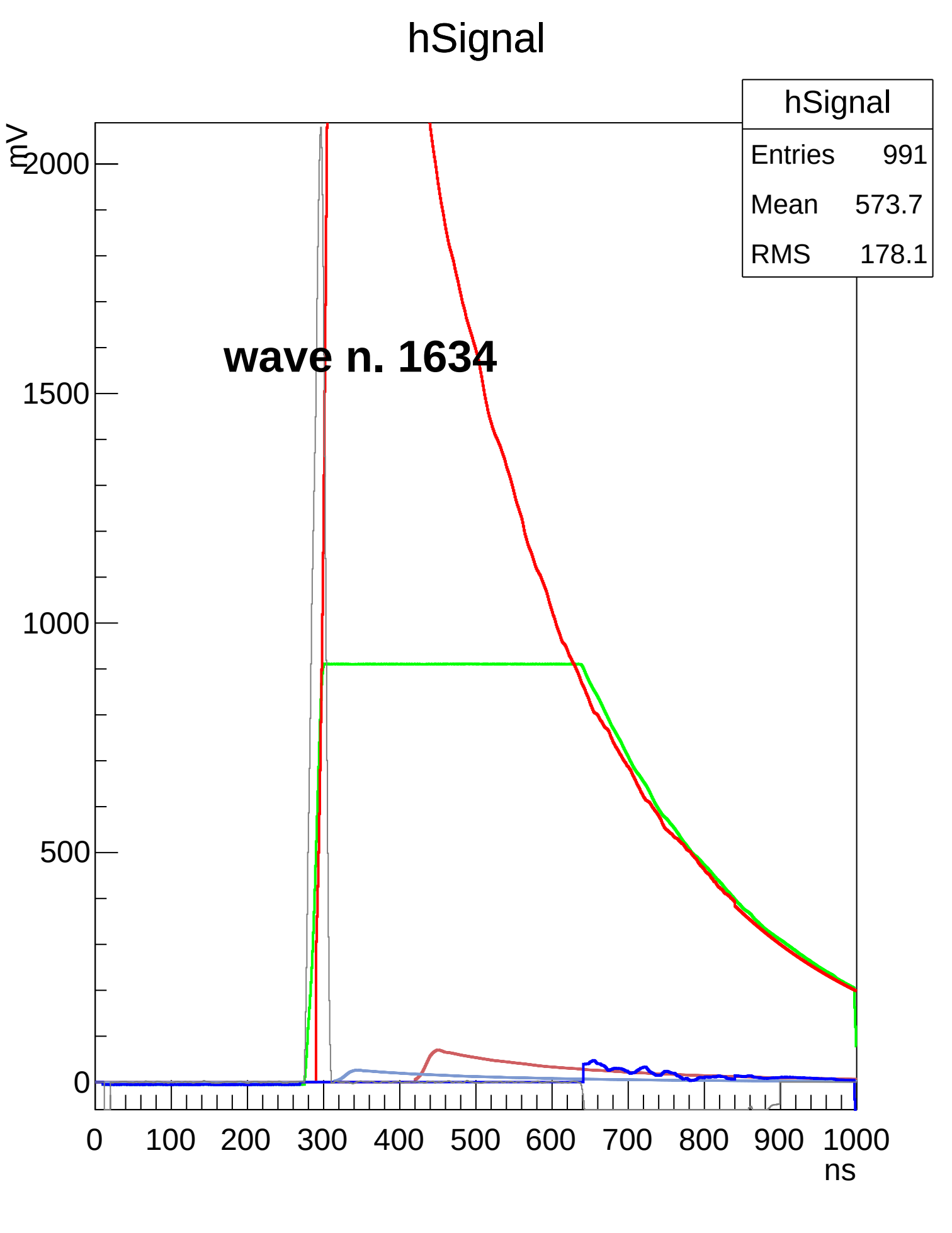
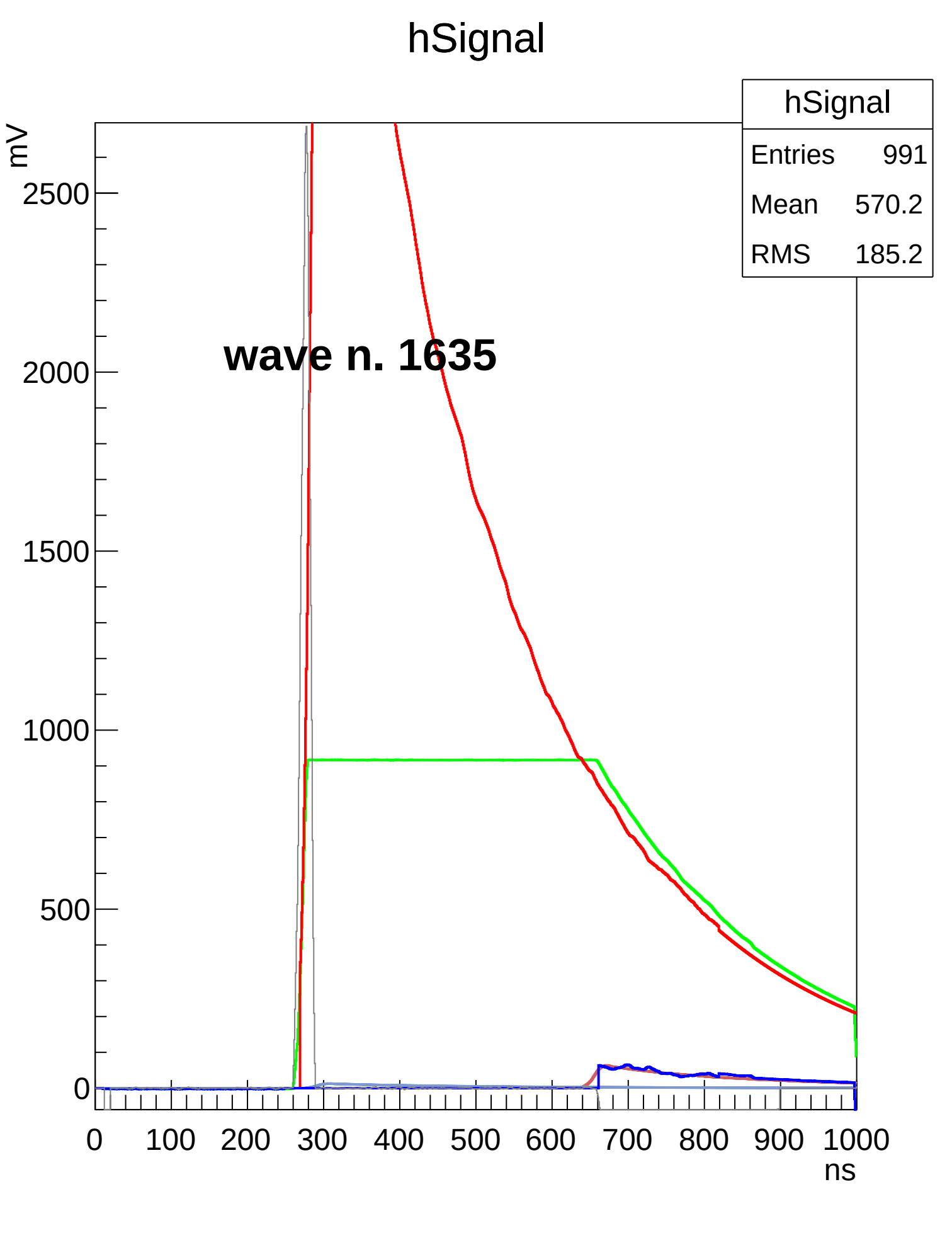
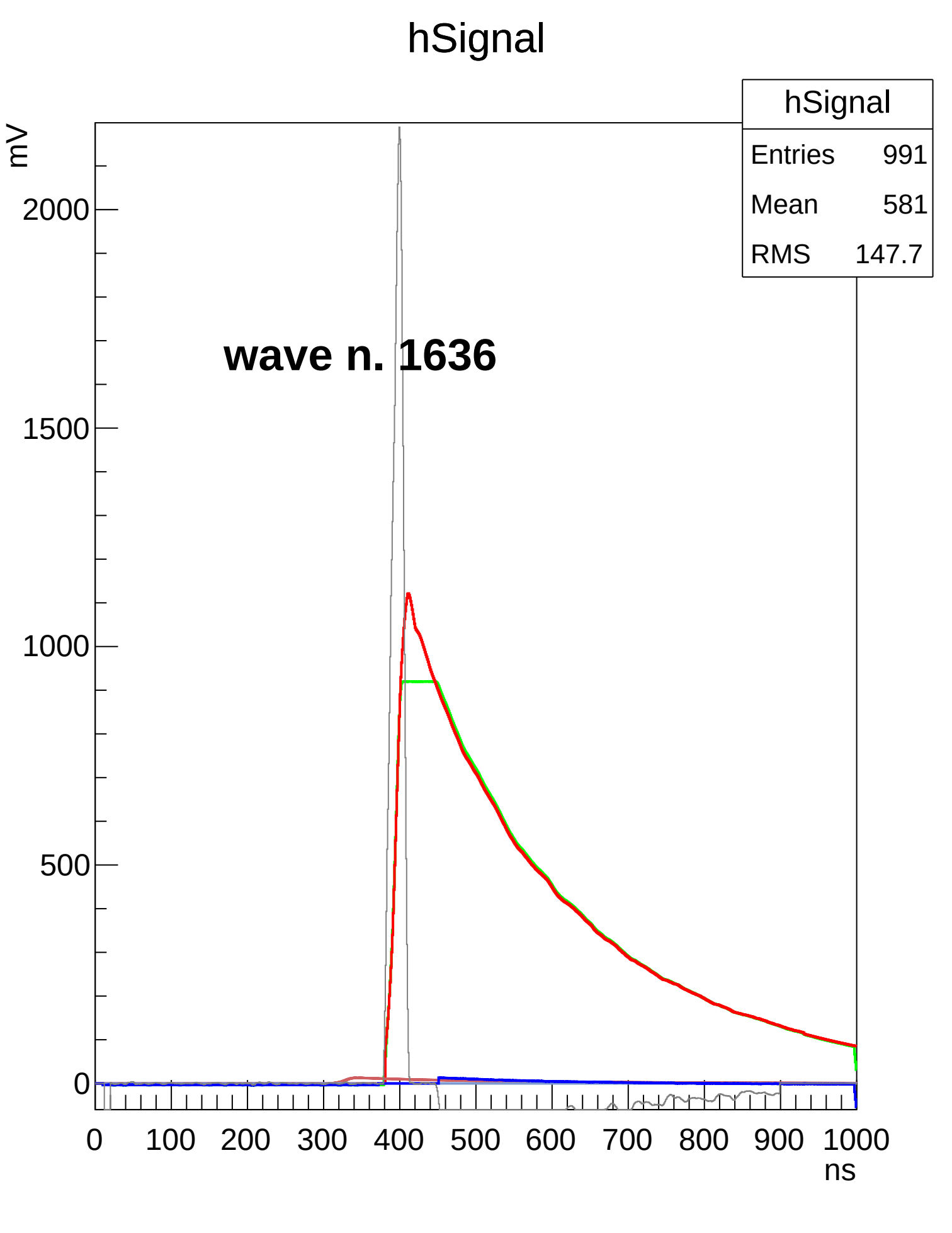
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.7
RMS 178.1
wave n. 1634
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.2
RMS 185.2
wave n. 1635
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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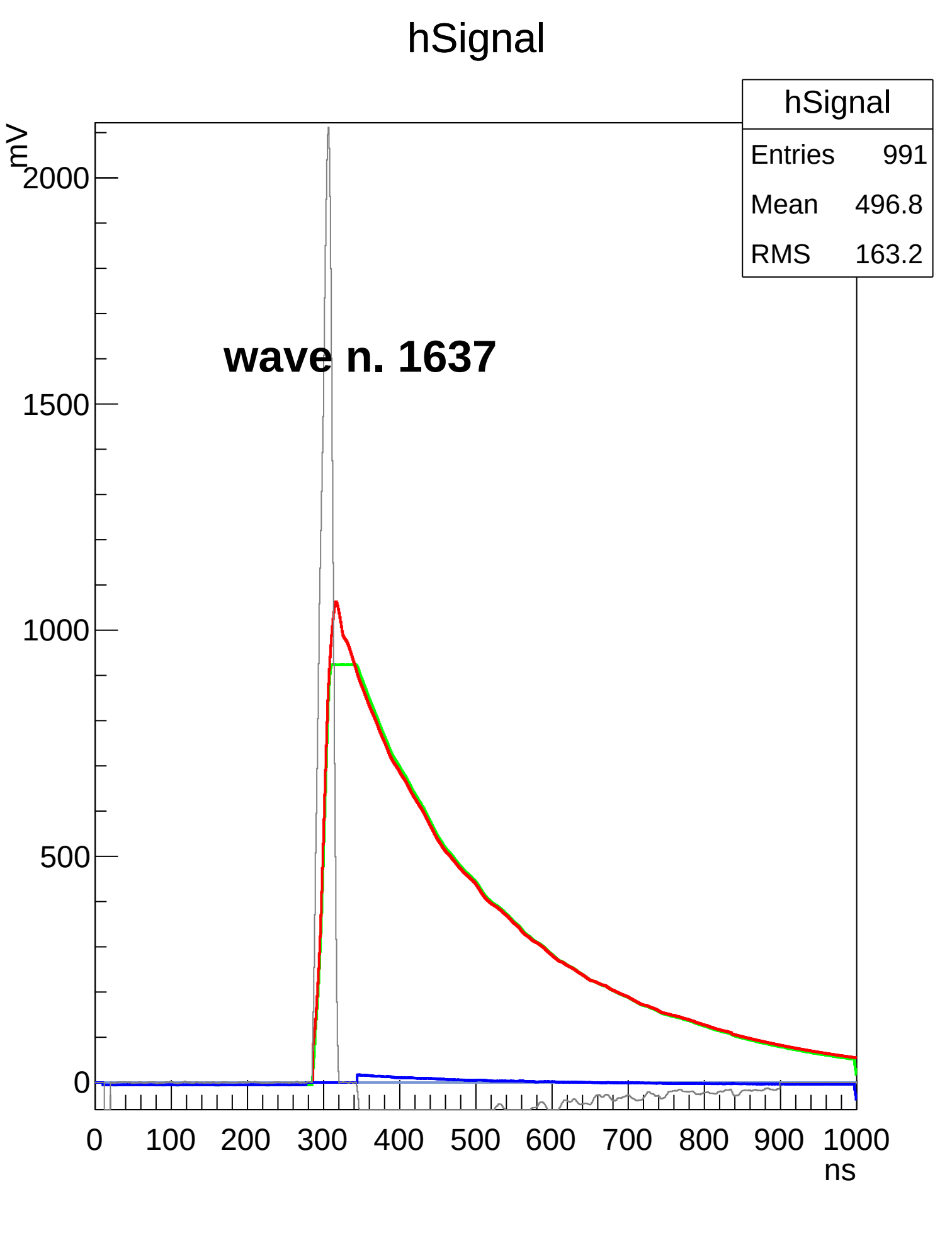
Entries 991
Mean 581
RMS 147.7
wave n. 1636
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 496.8
RMS 163.2
wave n. 1637
mV
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0
100
200
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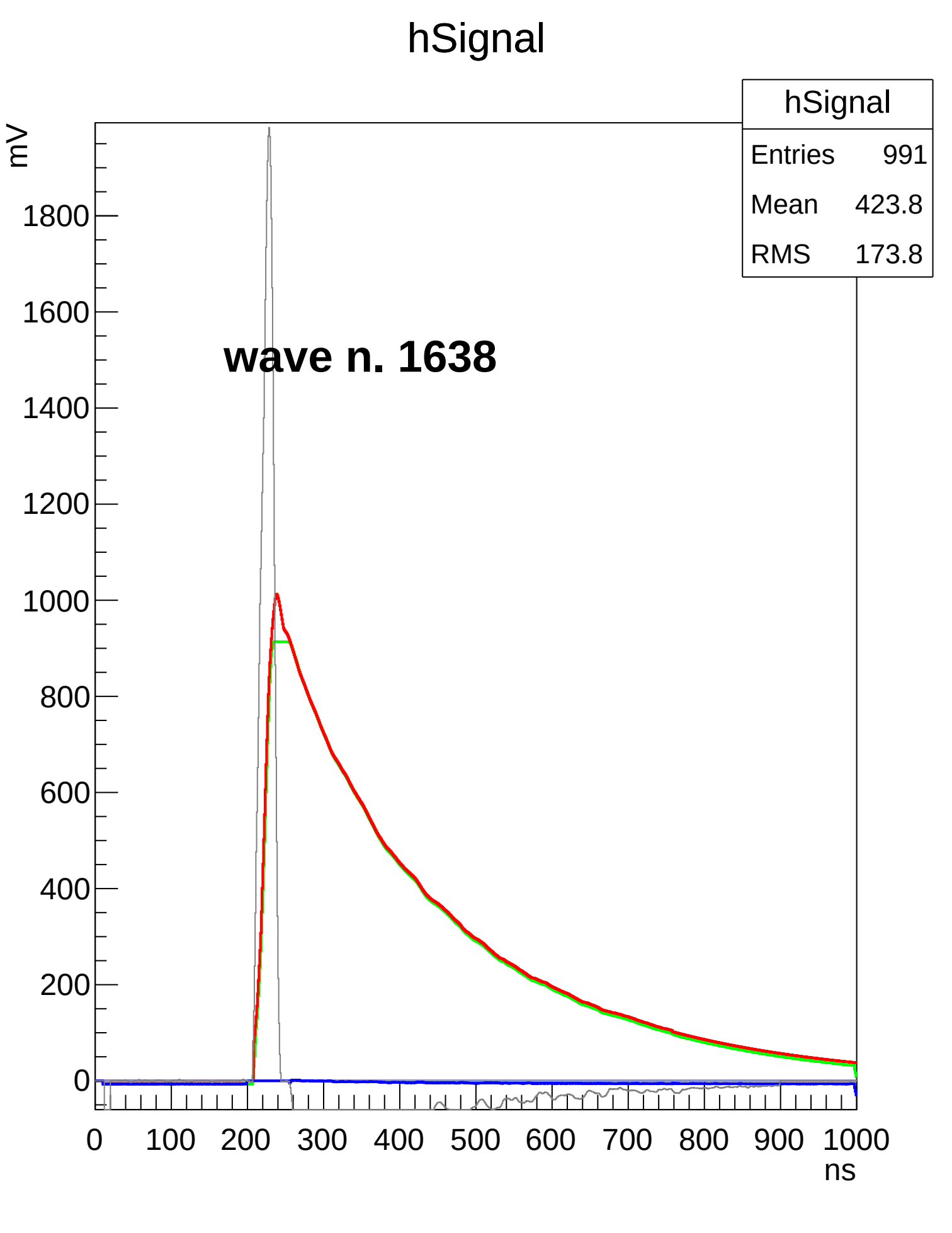
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 423.8
RMS 173.8
wave n. 1638
mV
1800
1600
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600
400
200
0
0
100
200
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400
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600
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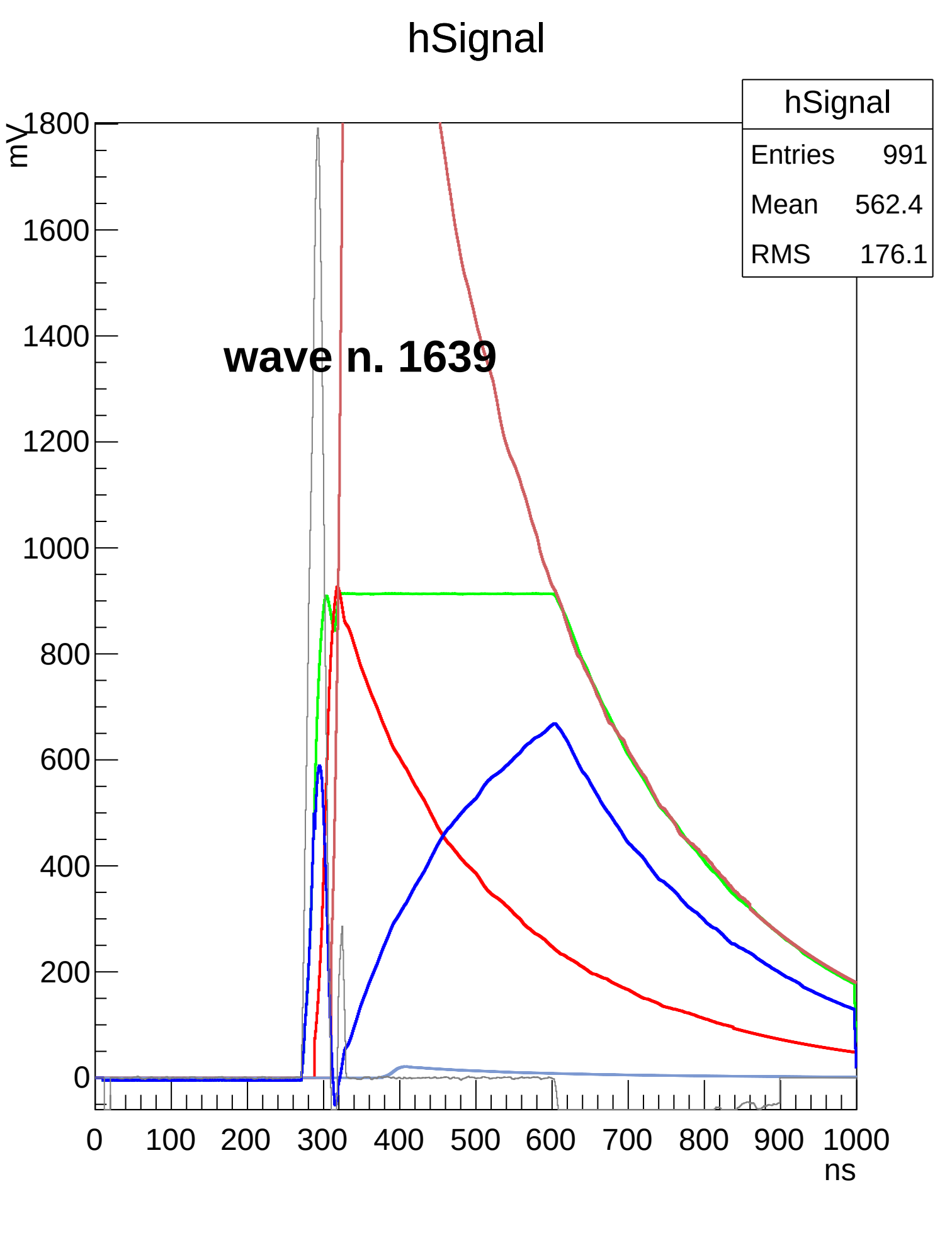
800
900
1000
ns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hSignal
Entries 991
Mean 562.4
RMS 176.1
wave n. 1639
mV
1800
1600
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600
400
200
0
0
100
200
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1000
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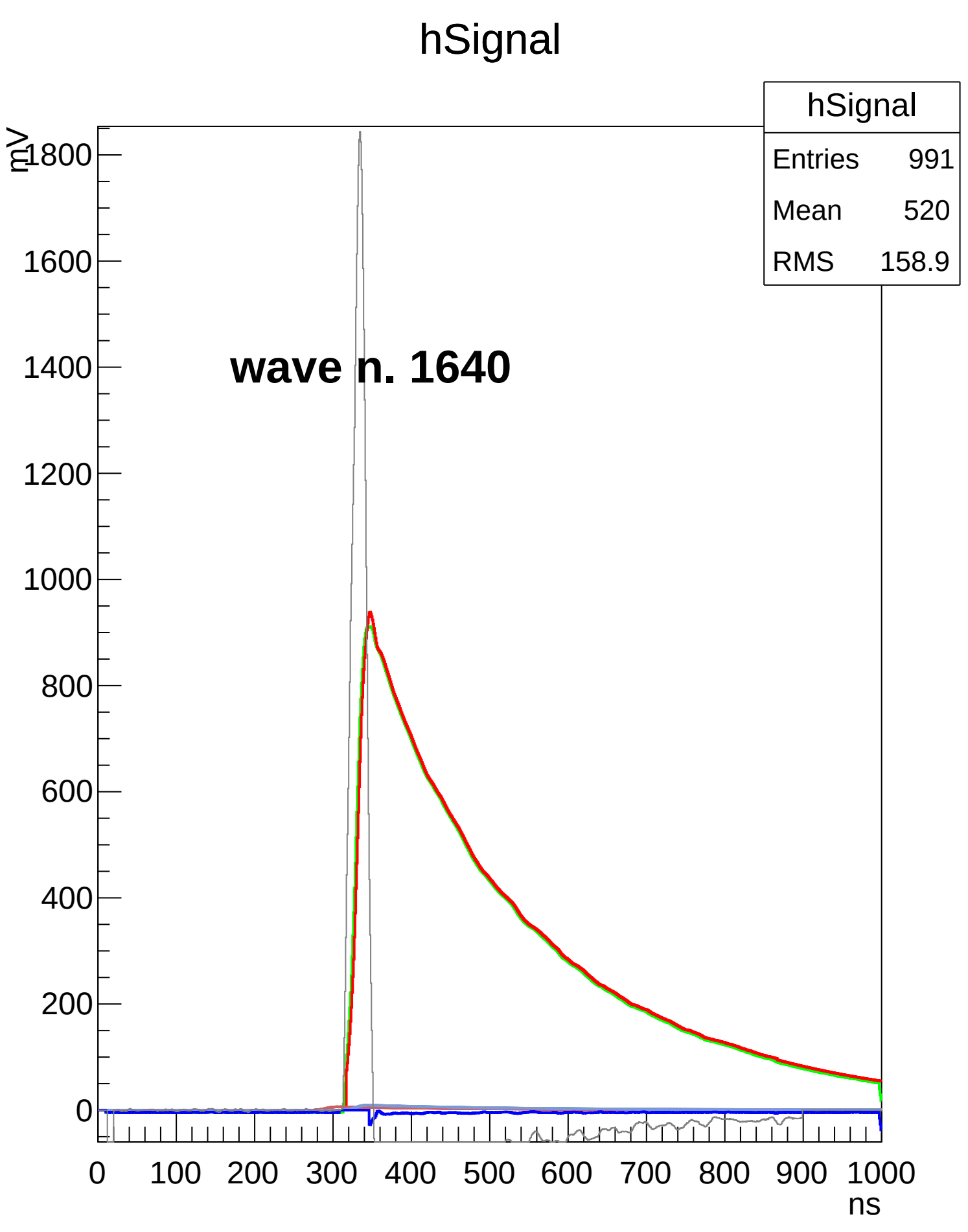
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hSignal
Entries 991
Mean 520
RMS 158.9
wave n. 1640
mV
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1600
1400
1200
1000
800
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400
200
0
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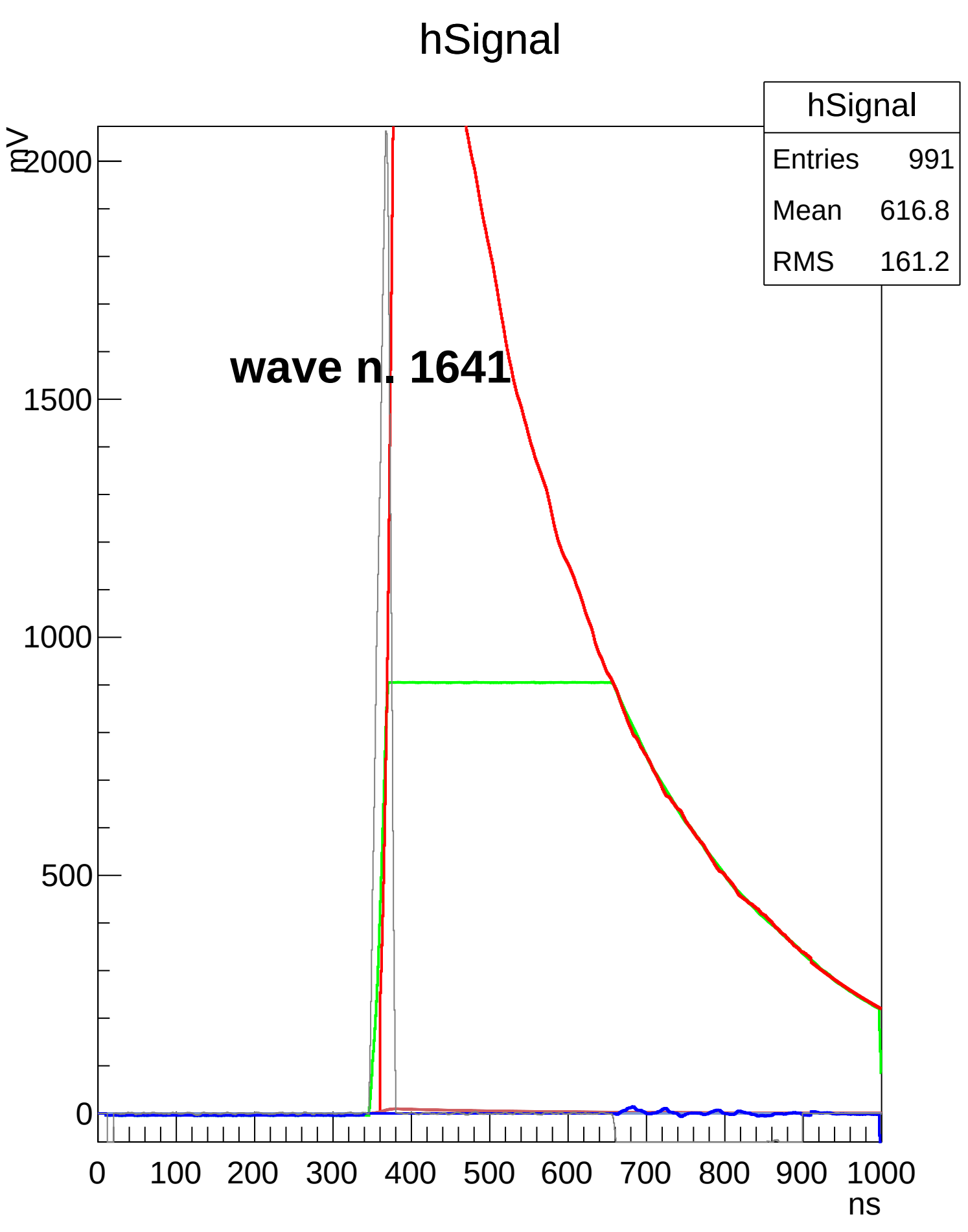
ns


hSignal
hSignal
Entries 991
Mean 616.8
RMS 161.2
wave n. 1641
mV
2000
1500
1000
500
0
0
100
200
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400
500
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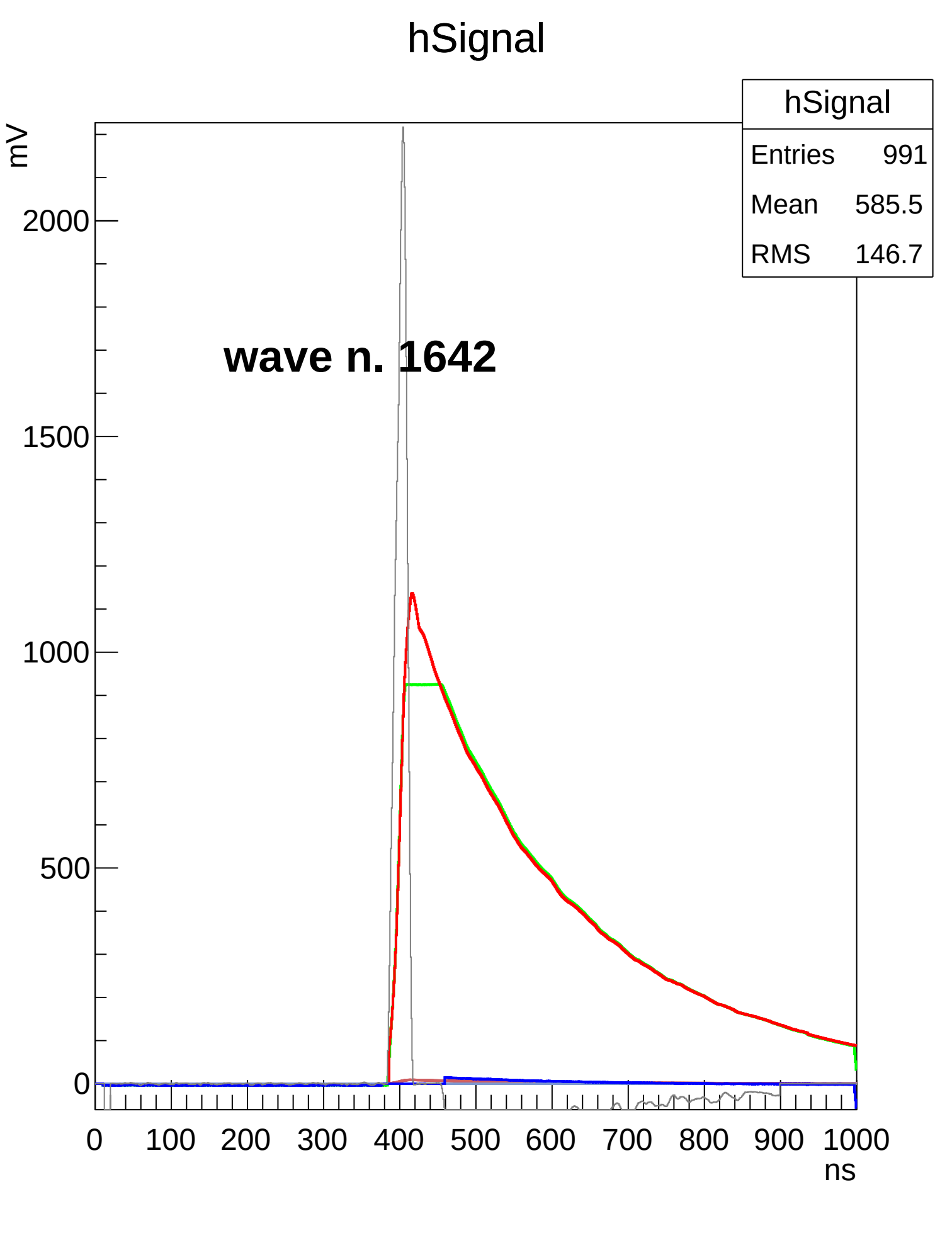
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 585.5
RMS 146.7
wave n. 1642
mV
2000
1500
1000
500
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0
100
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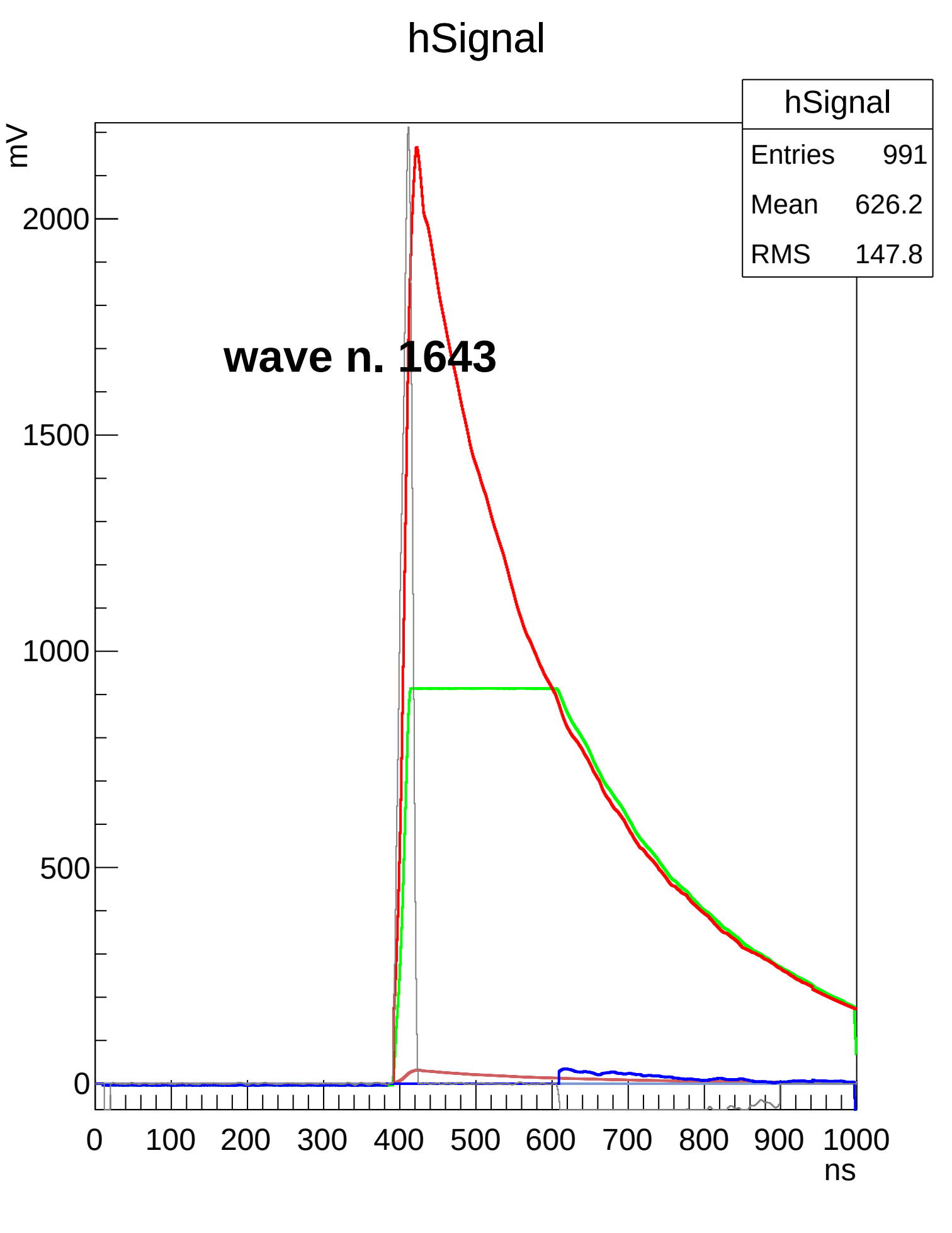
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 626.2
RMS 147.8
wave n. 1643
mV
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1500
1000
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0
100
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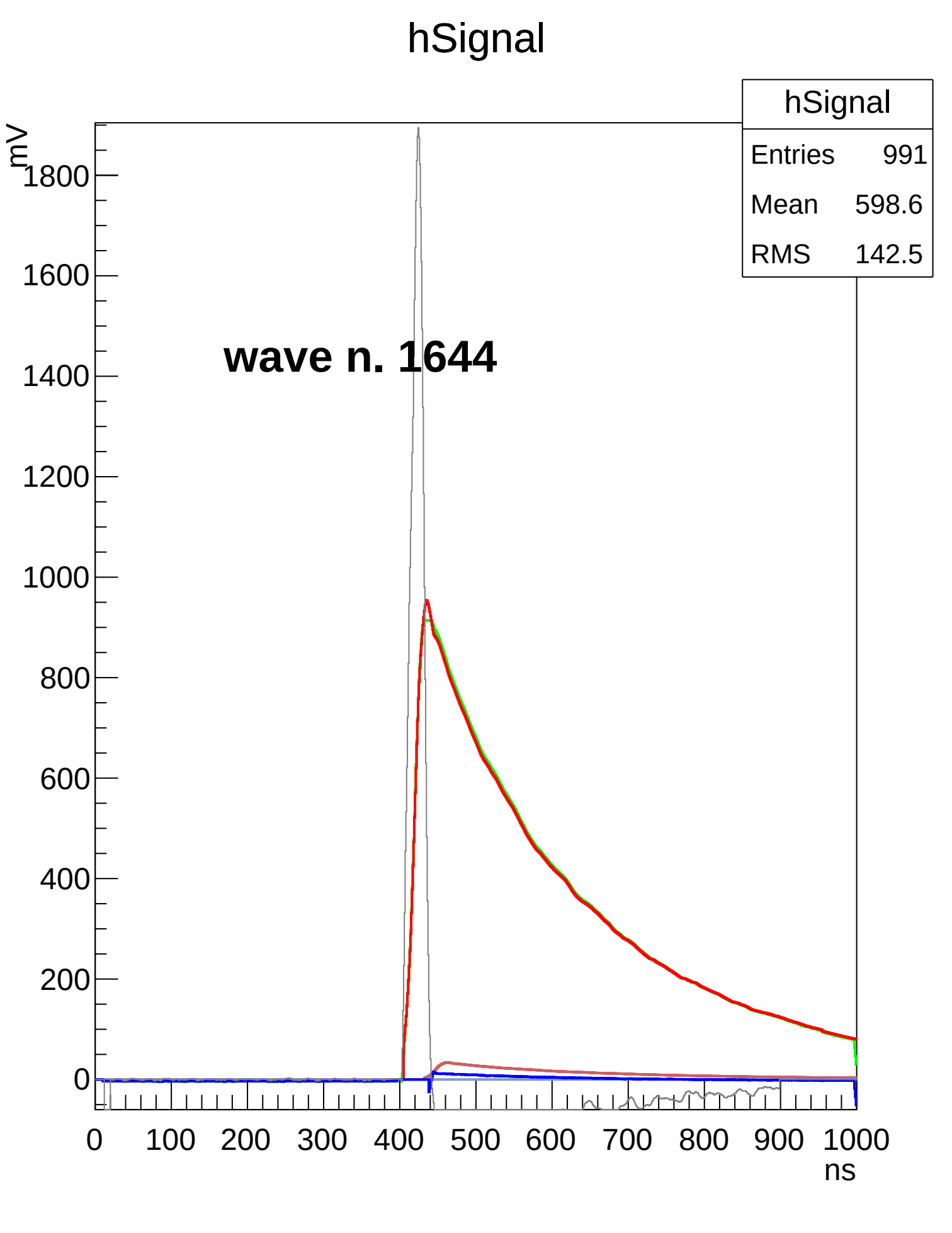
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 598.6
RMS 142.5
wave n. 1644
mV
1800
1600
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1000
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600
400
200
0
0
100
200
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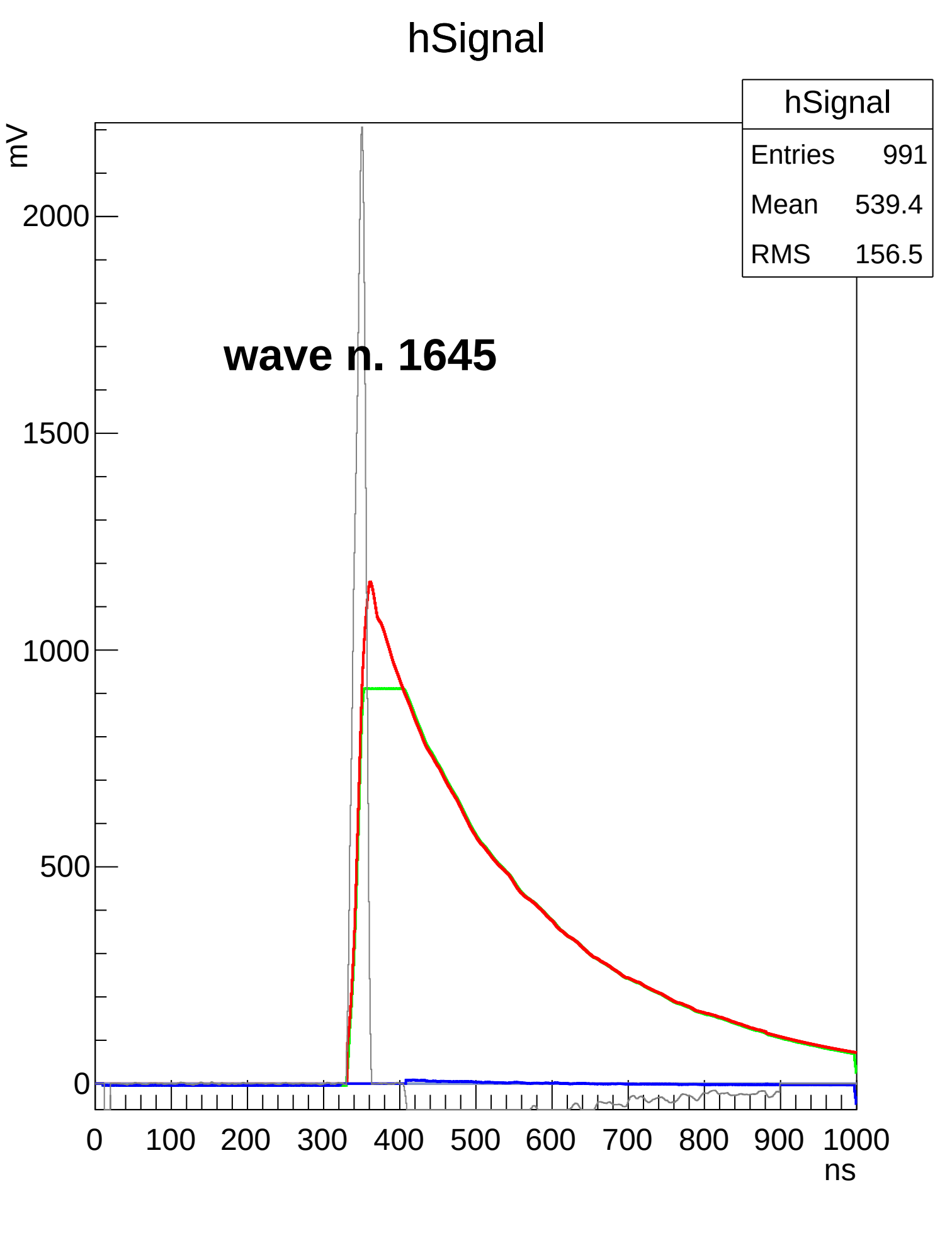
800
900
1000
ns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hSignal
Entries 991
Mean 539.4
RMS 156.5
wave n. 1645
mV
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1000
500
0
0
100
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400
500
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800
900
1000
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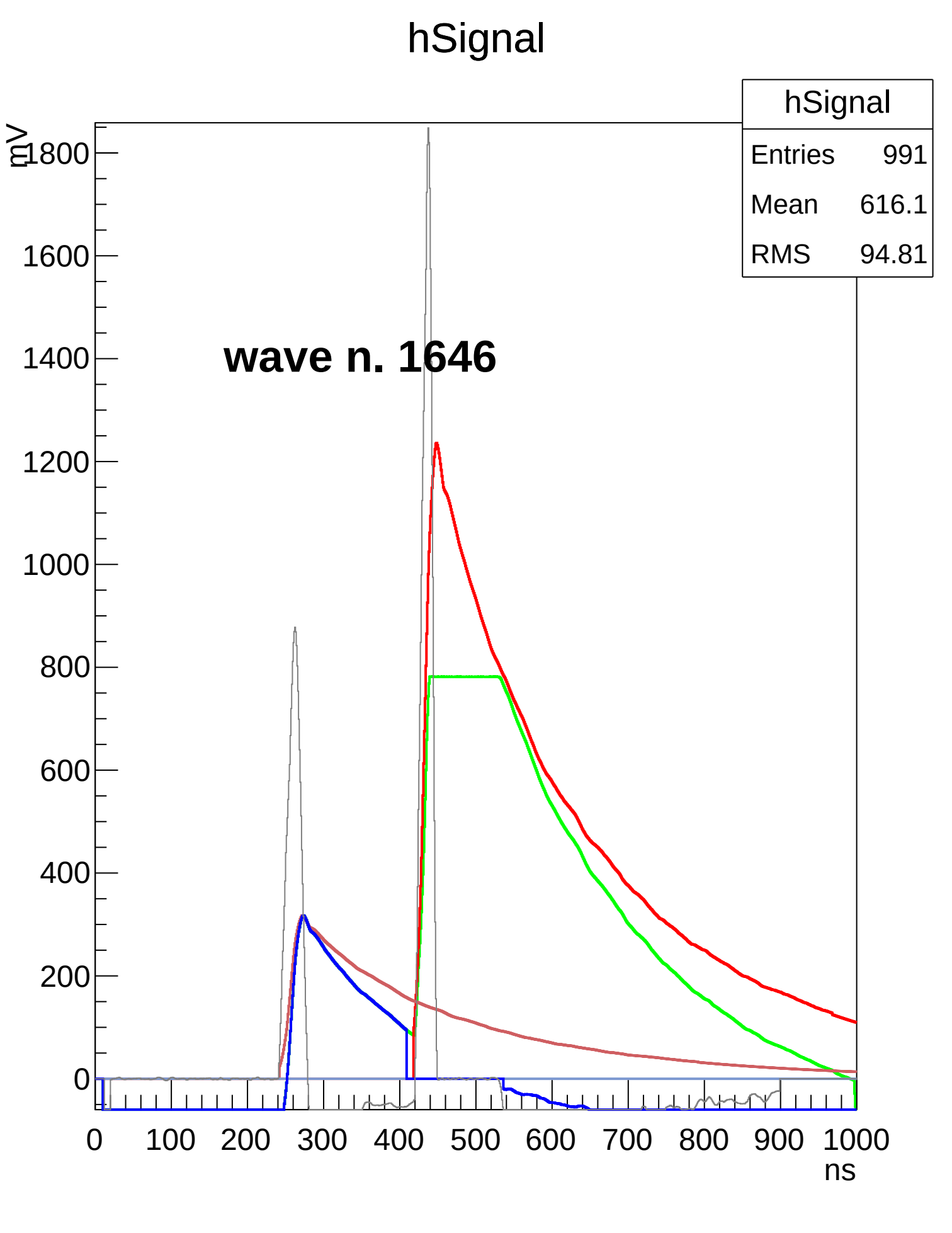
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hSignal
Entries 991
Mean 616.1
RMS 94.81
wave n. 1646
mV
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1000
800
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400
200
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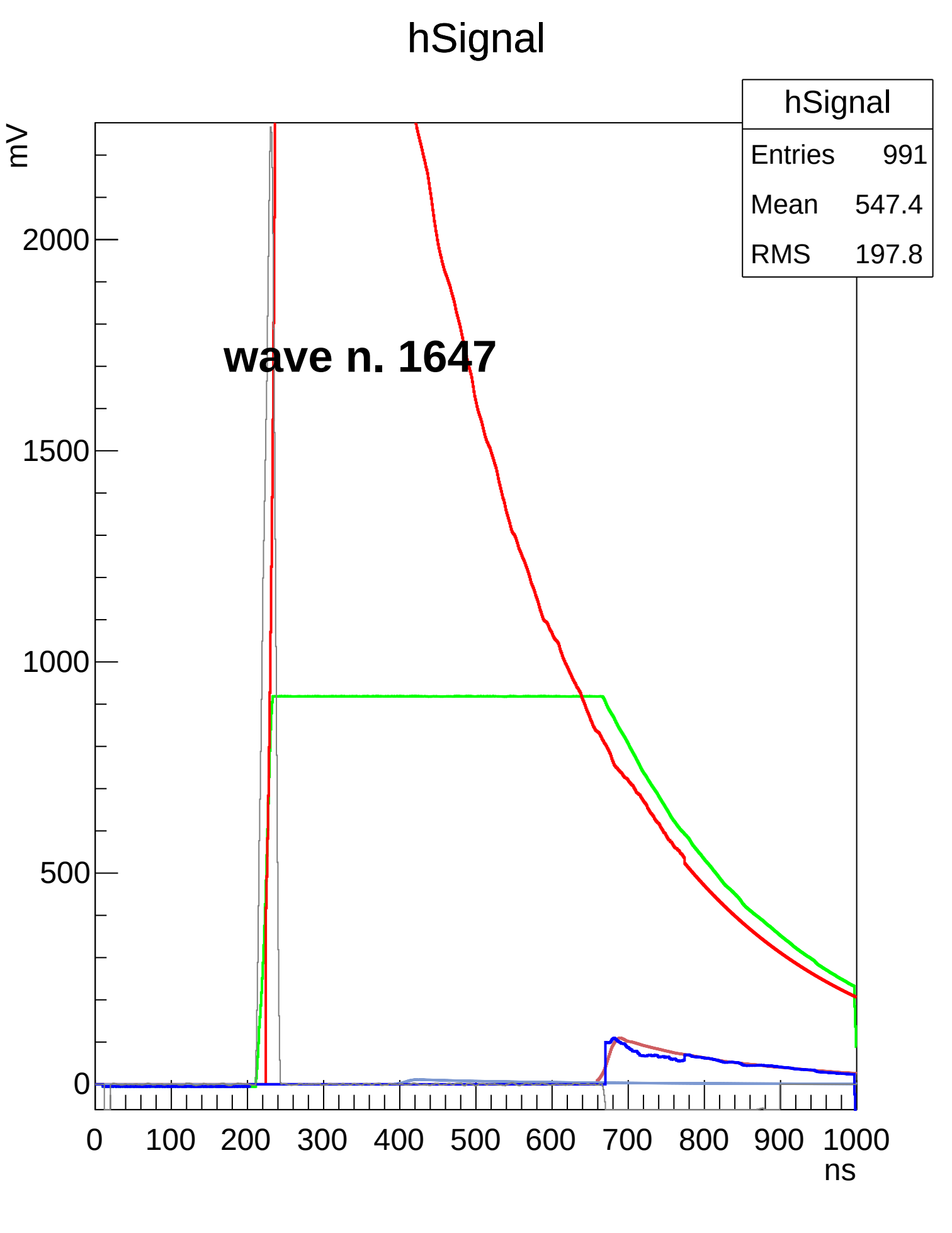
ns


hSignal
hSignal
Entries 991
Mean 547.4
RMS 197.8
wave n. 1647
mV
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1500
1000
500
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0
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200
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400
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600
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800
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1000
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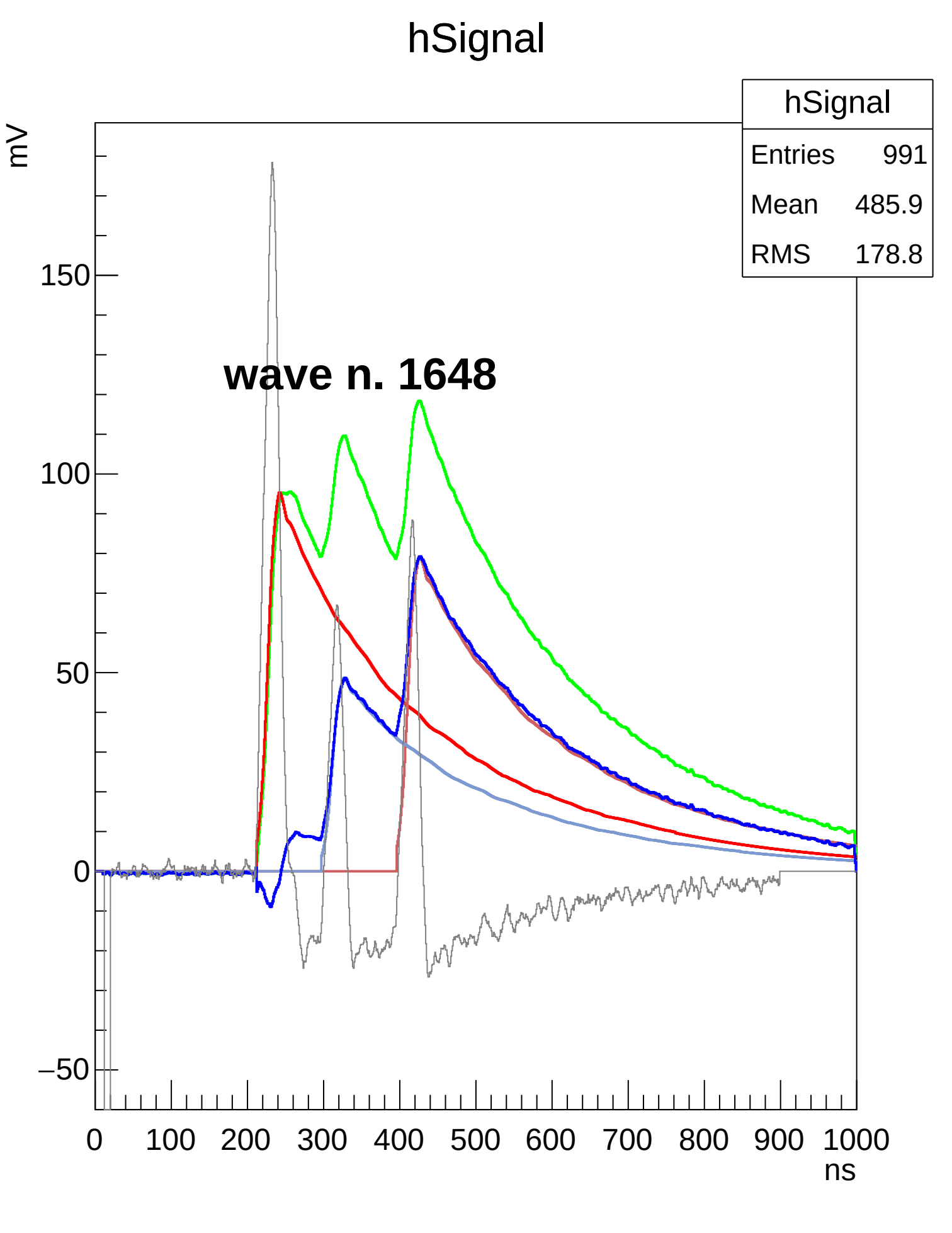
hSignal
hSignal
Entries 991
Mean 485.9
RMS 178.8
wave n. 1648
mV
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100
50
0
−50
0
100
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400
500
600
700
800
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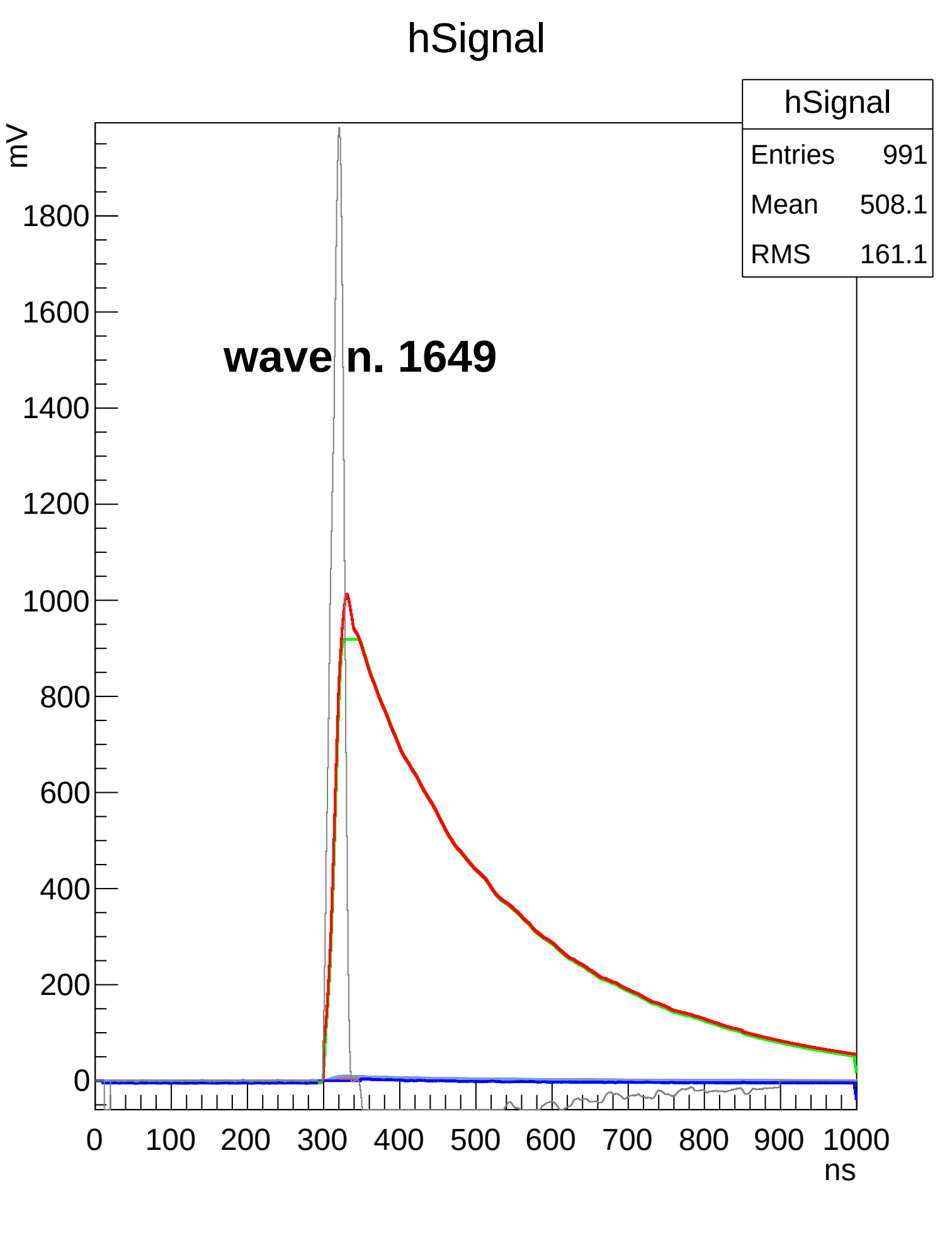
1000
ns


hSignal
hSignal
Entries 991
Mean 508.1
RMS 161.1
wave n. 1649
mV
1800
1600
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600
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0
100
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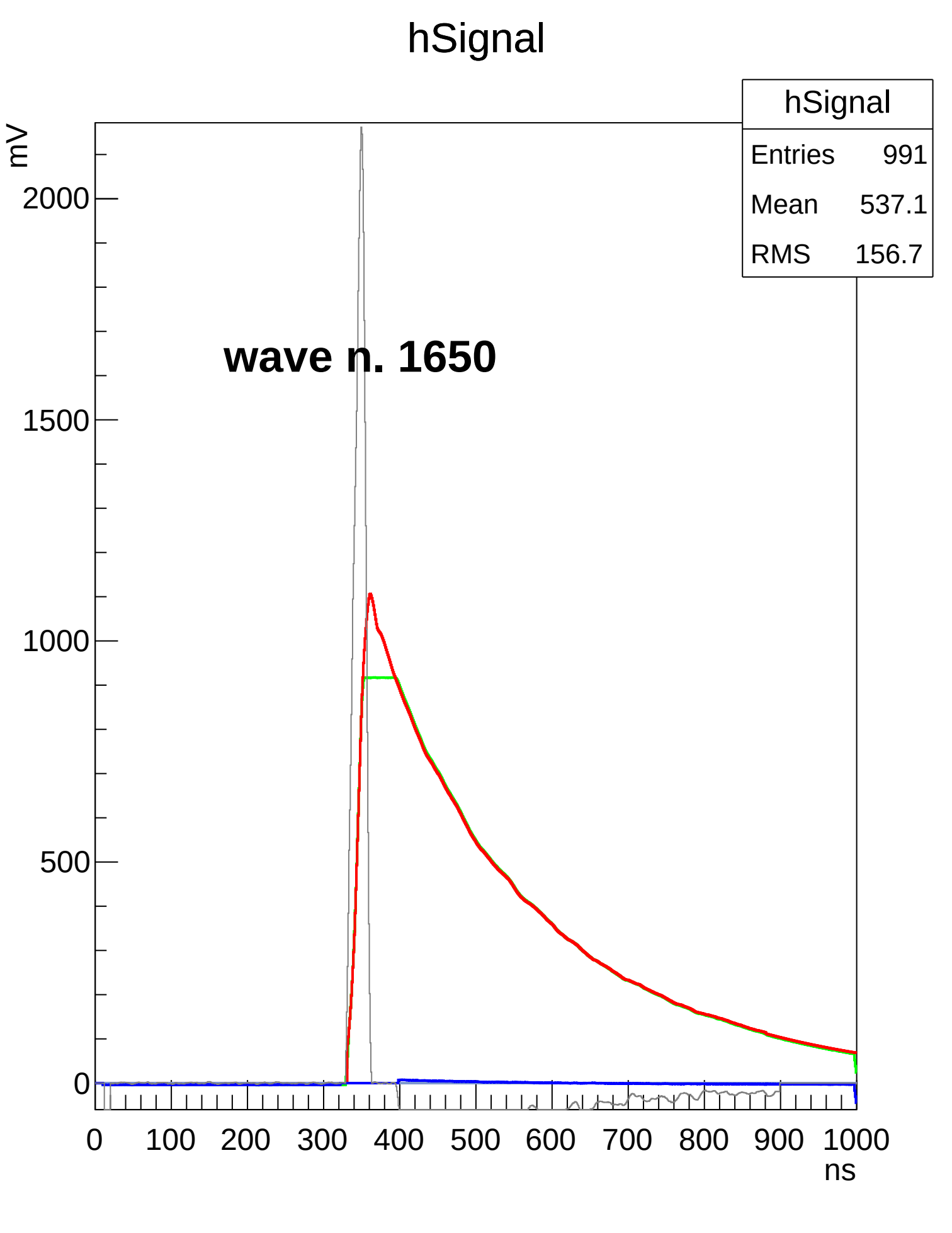
hSignal
hSignal
Entries 991
Mean 537.1
RMS 156.7
wave n. 1650
mV
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1000
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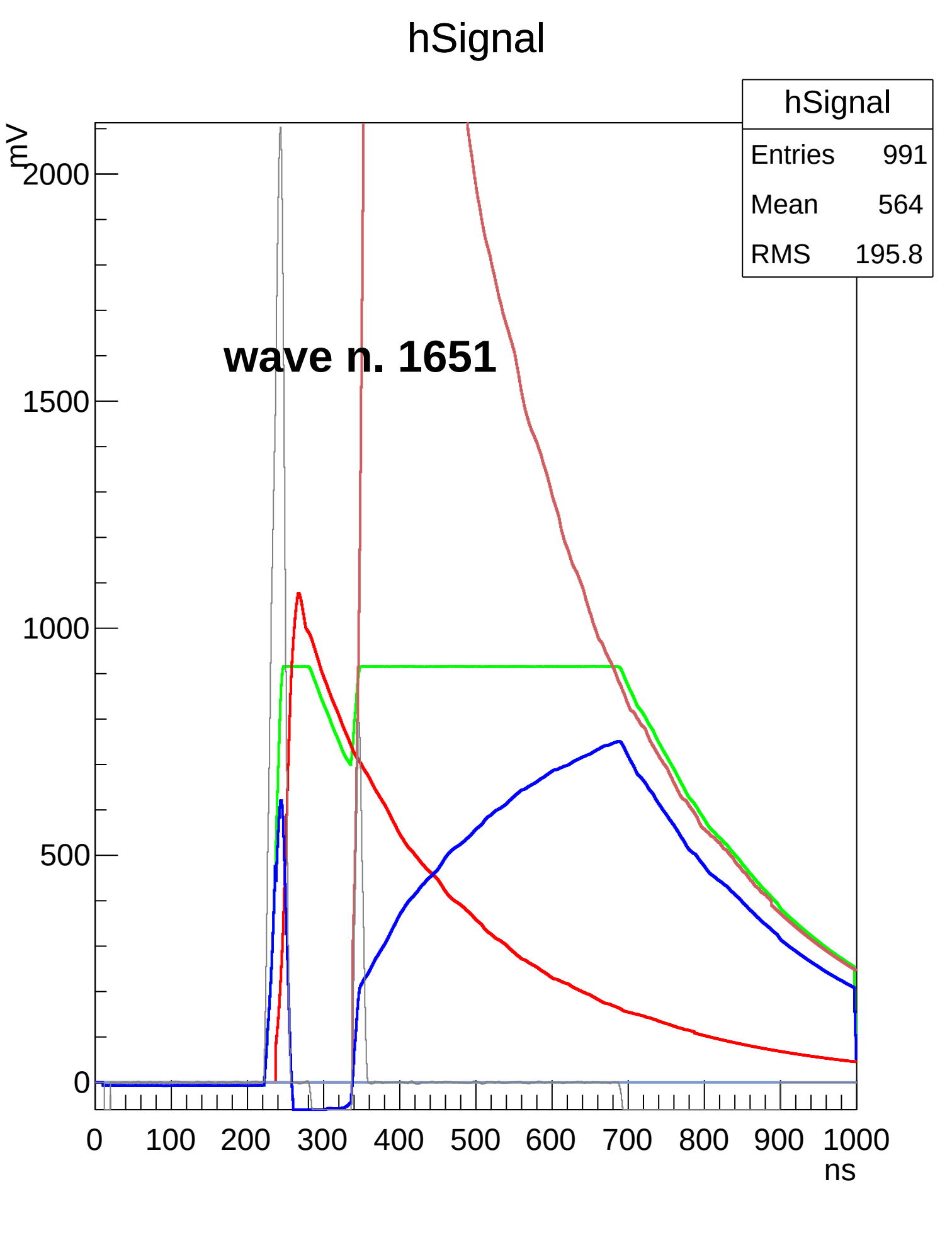
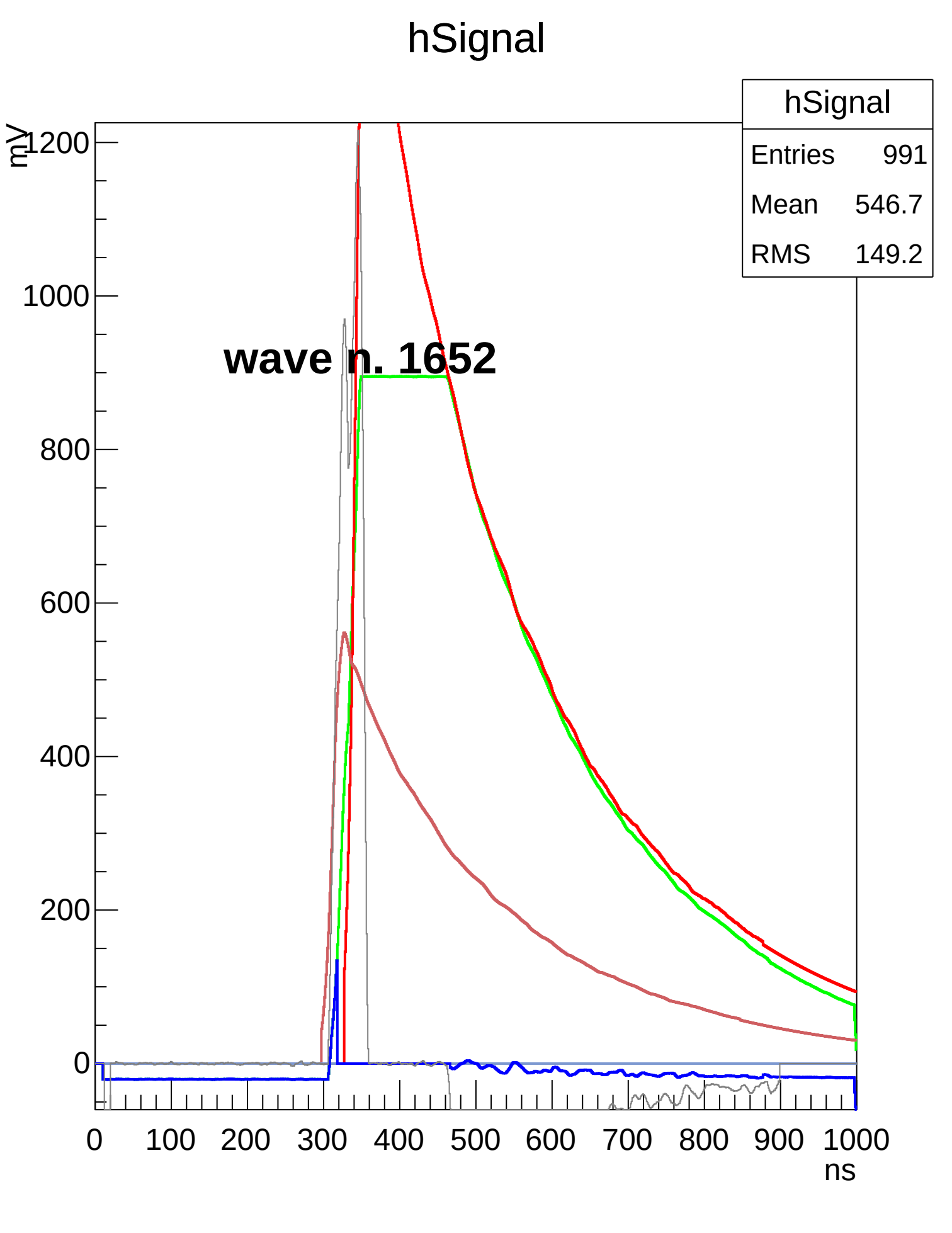
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 564
RMS 195.8
wave n. 1651
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 546.7
RMS 149.2
wave n. 1652
mV
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600
400
200
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200
300
400
500
600
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800
900
1000
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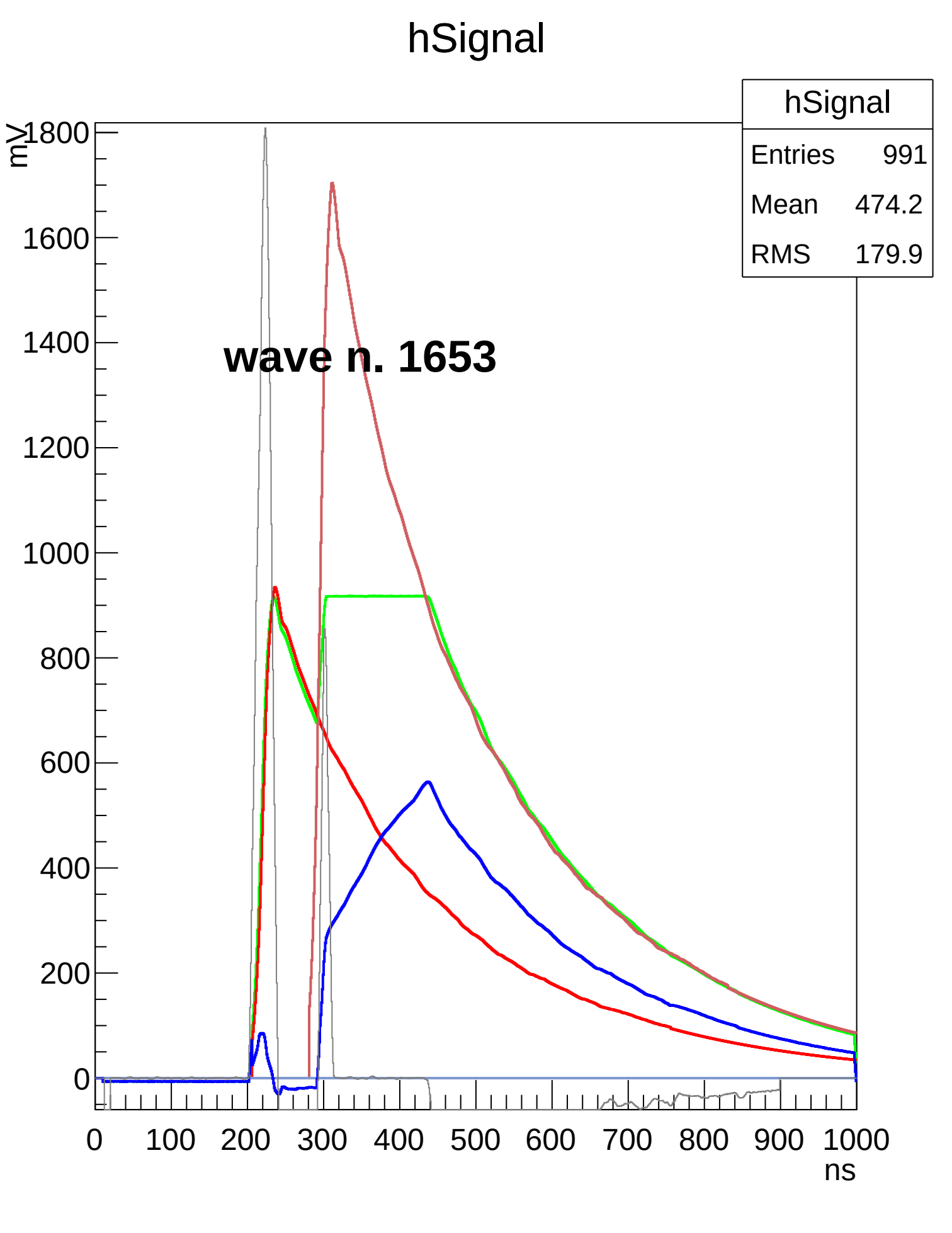
hSignal
hSignal
Entries 991
Mean 474.2
RMS 179.9
wave n. 1653
mV
1800
1600
1400
1200
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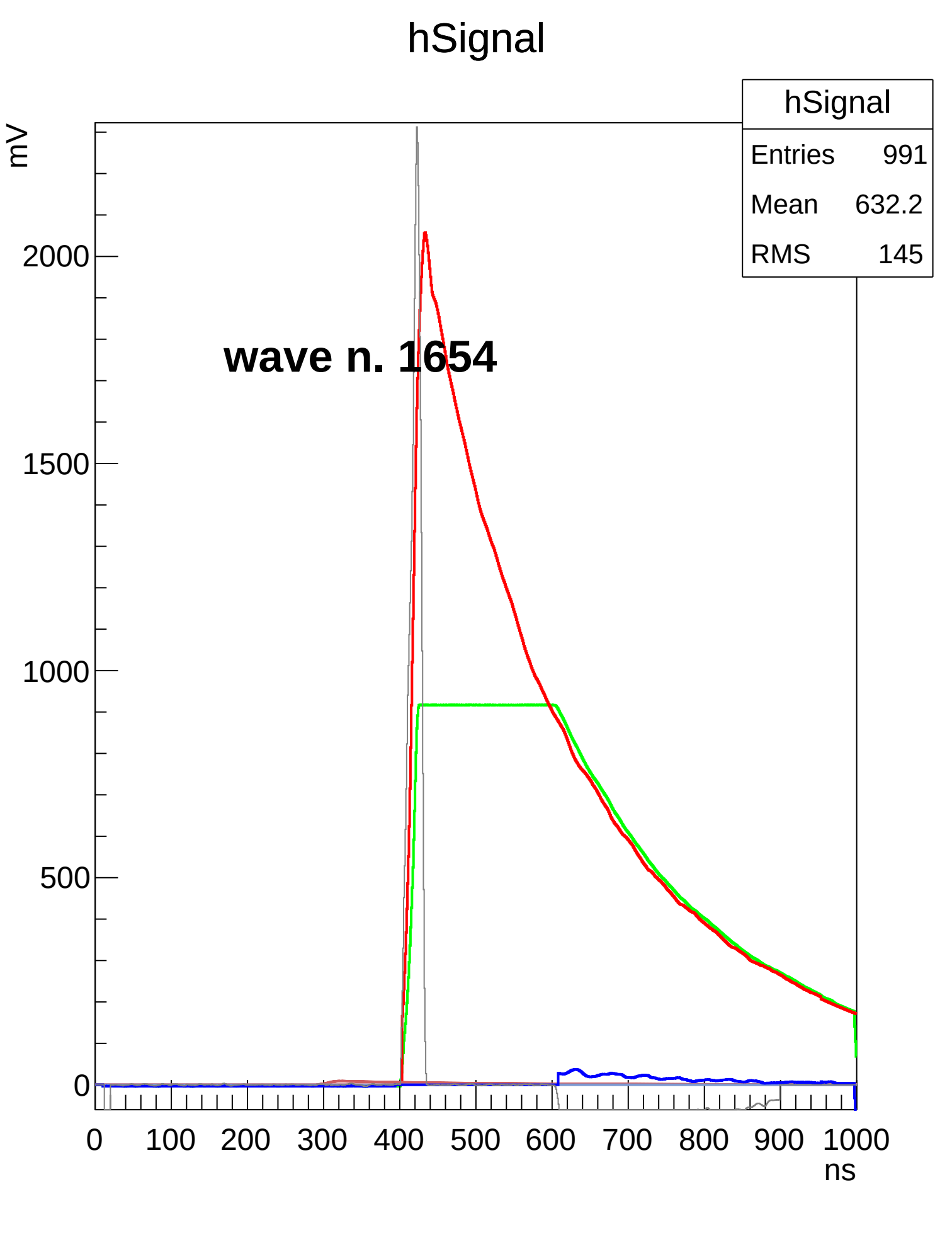
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 632.2
RMS 145
wave n. 1654
mV
2000
1500
1000
500
0
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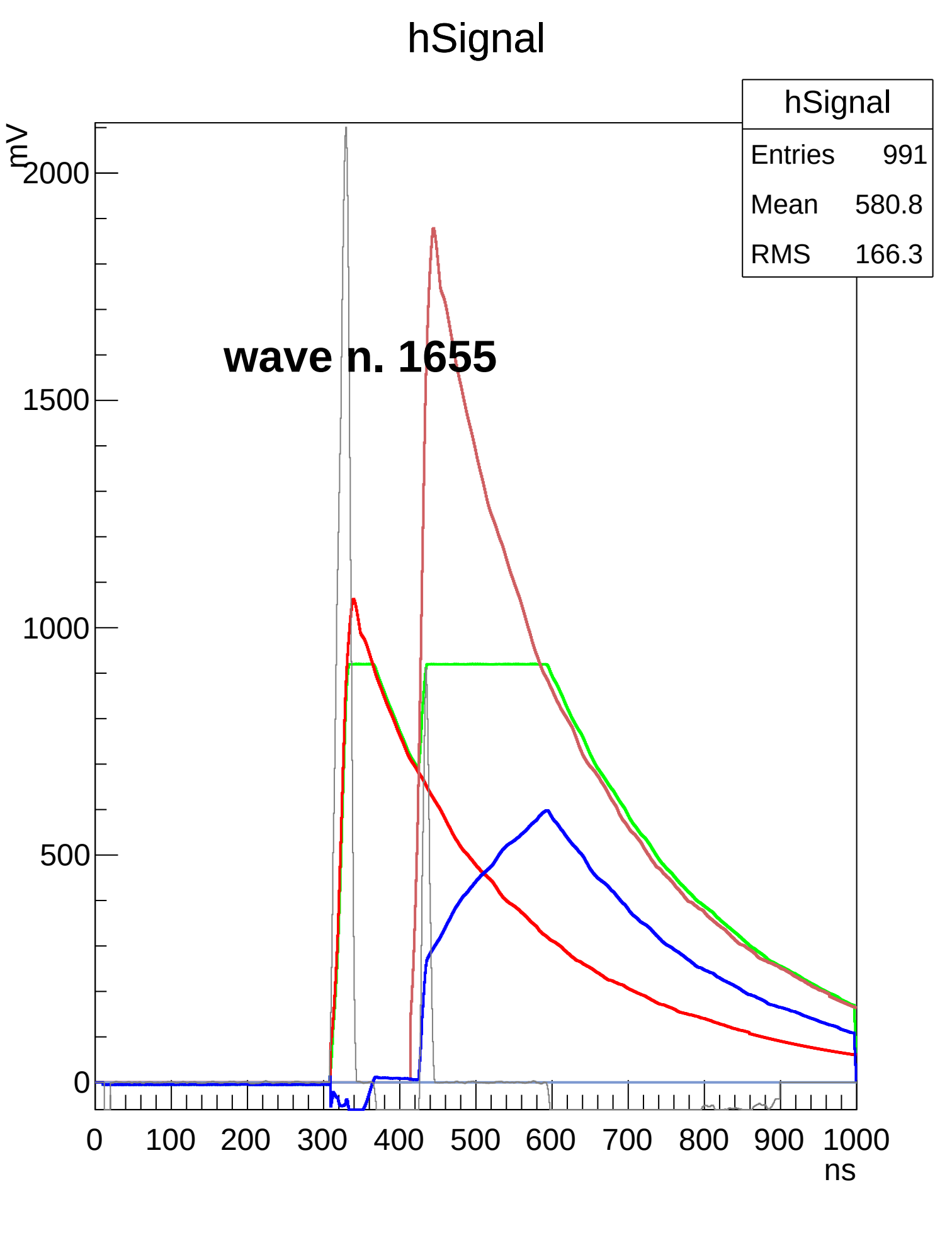
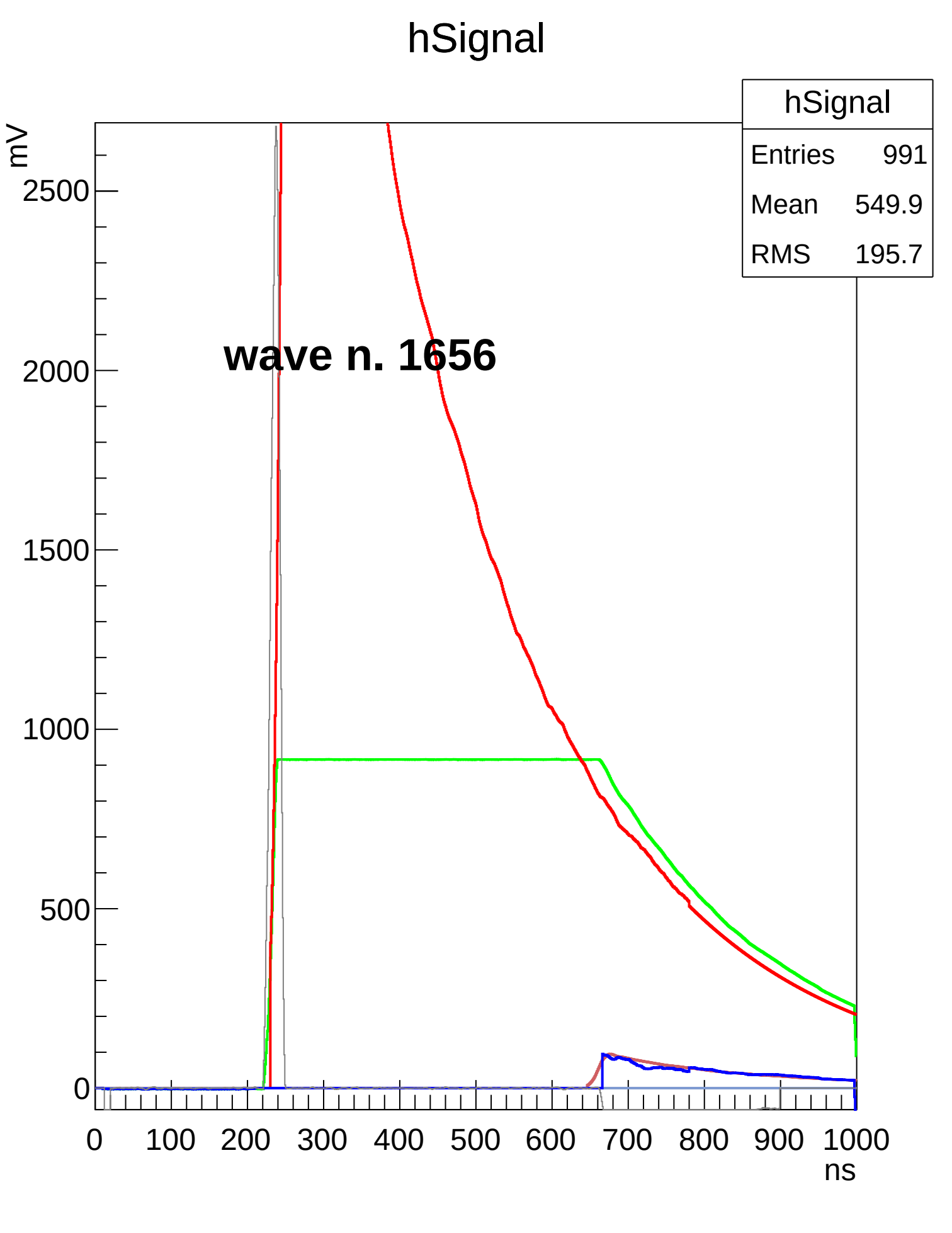
ns


hSignal
hSignal
Entries 991
Mean 580.8
RMS 166.3
wave n. 1655
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.9
RMS 195.7
wave n. 1656
mV
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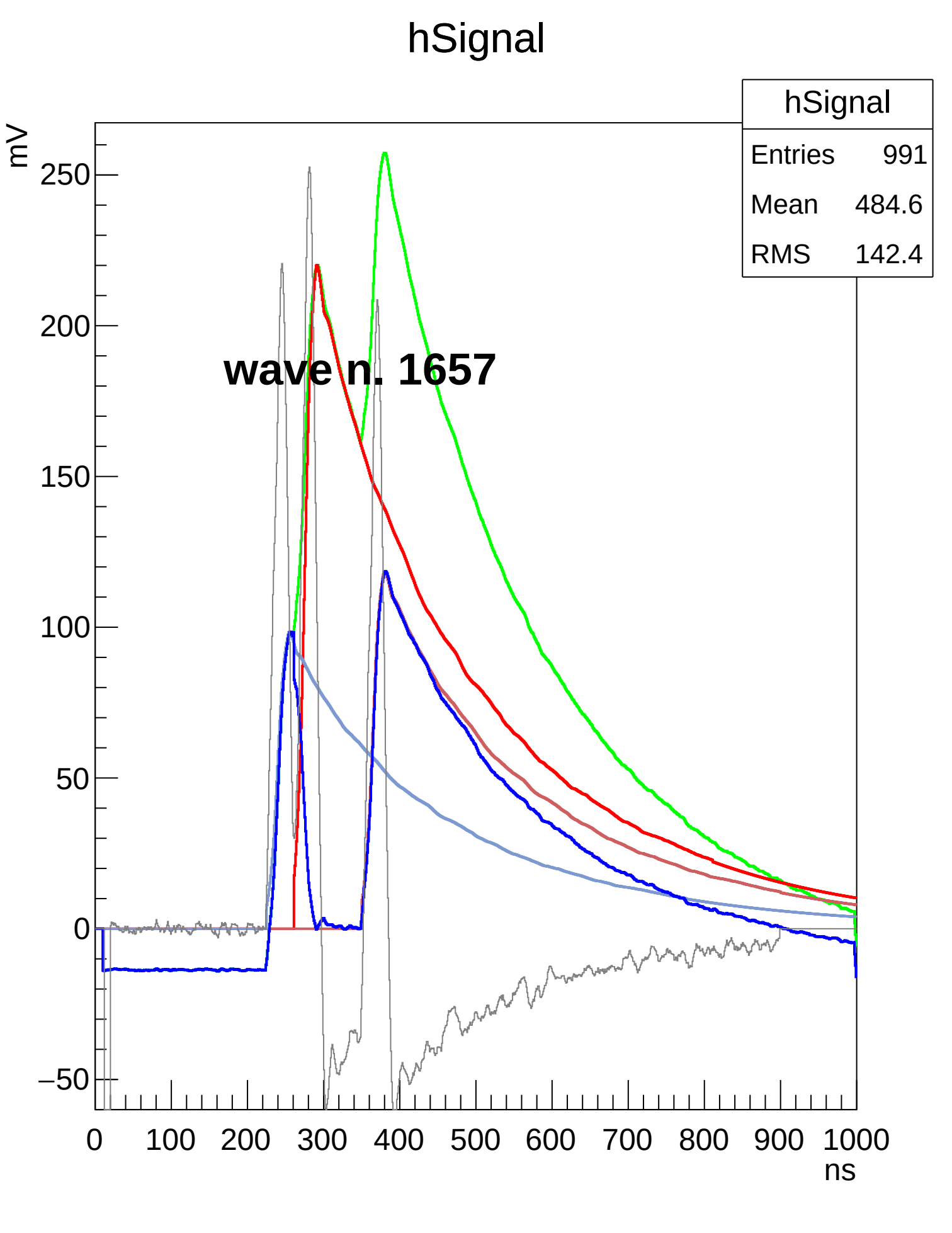
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 484.6
RMS 142.4
wave n. 1657
mV
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200
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100
50
0
−50
0
100
200
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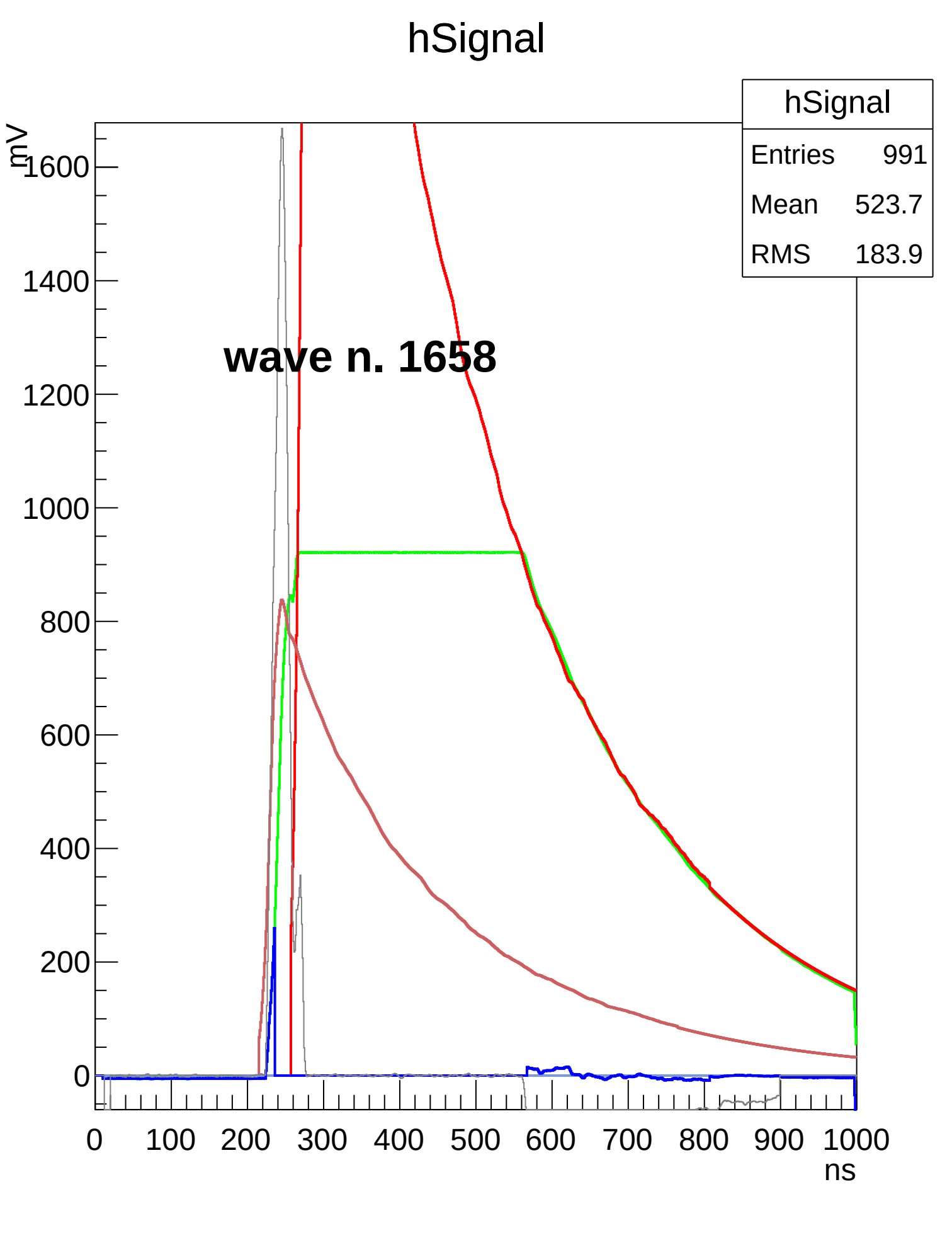
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 523.7
RMS 183.9
wave n. 1658
mV
1600
1400
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400
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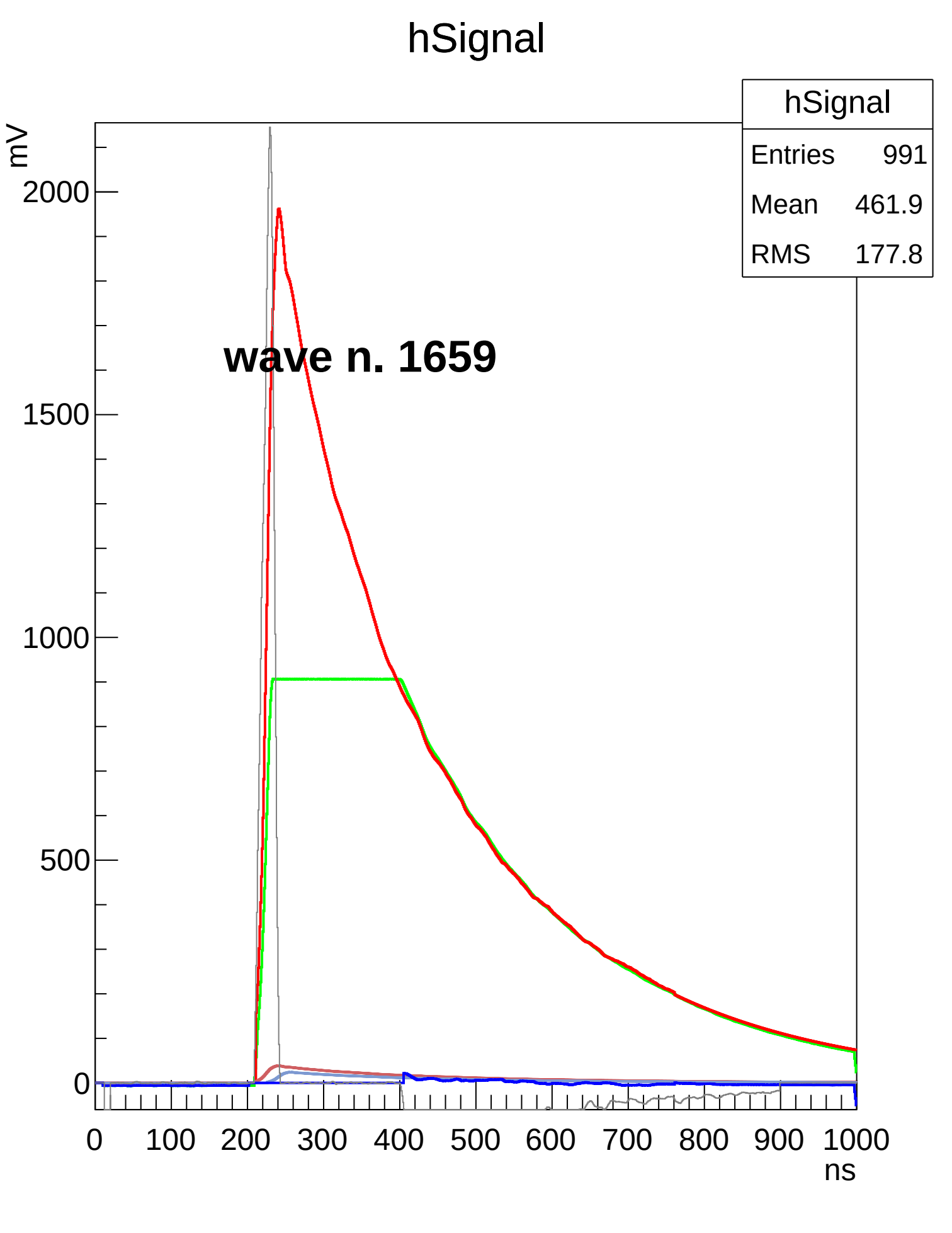
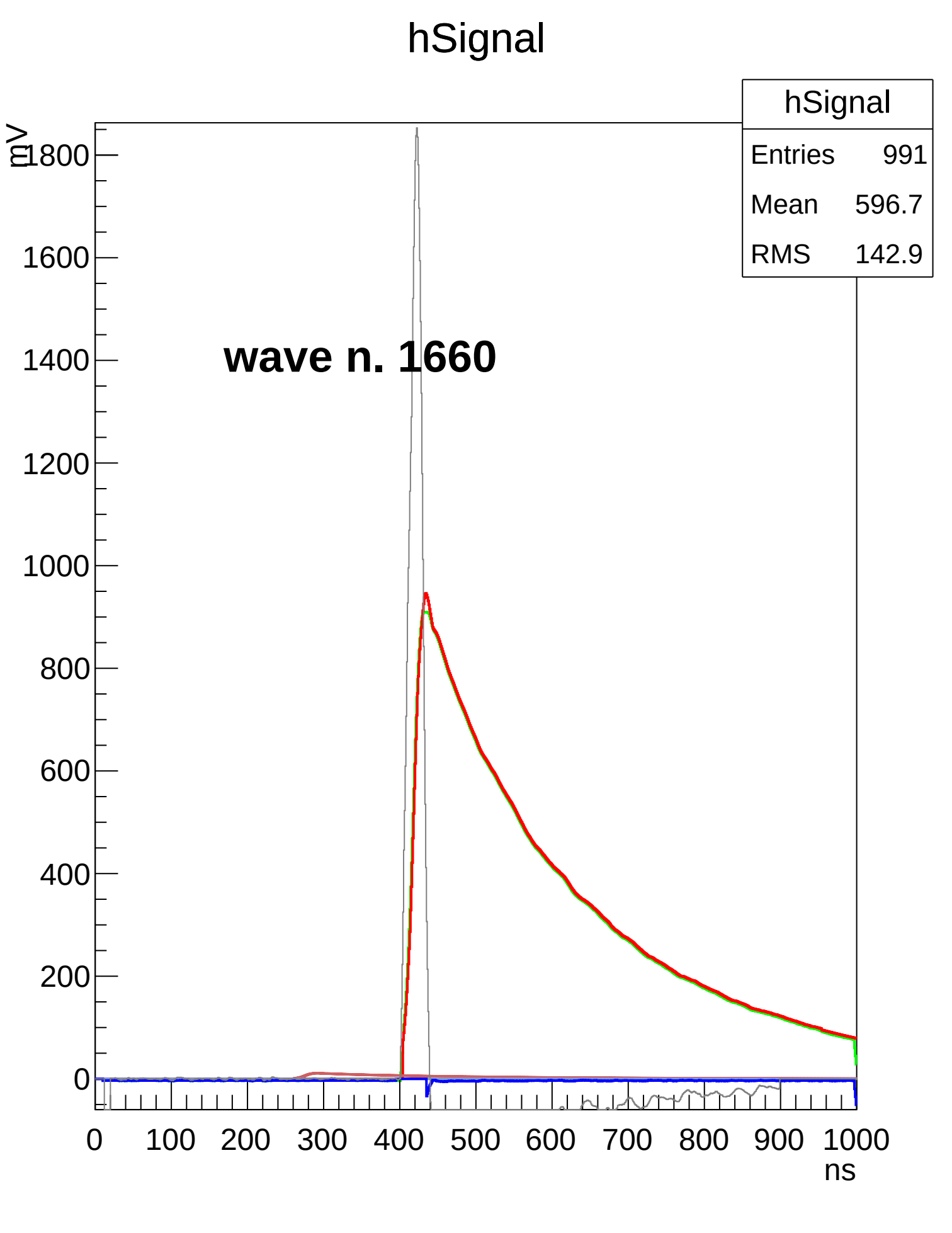
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 461.9
RMS 177.8
wave n. 1659
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 596.7
RMS 142.9
wave n. 1660
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
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400
500
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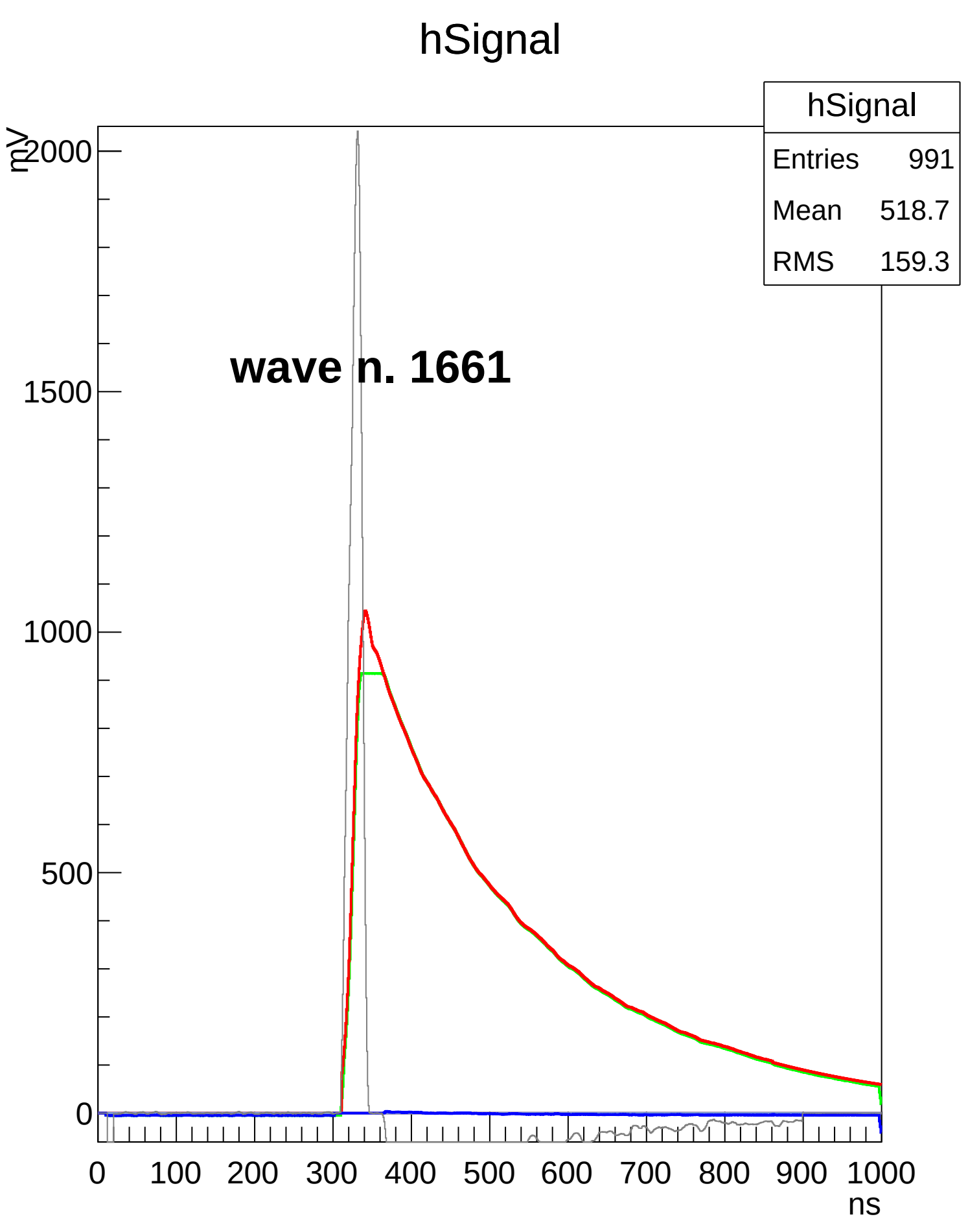
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.7
RMS 159.3
wave n. 1661
mV
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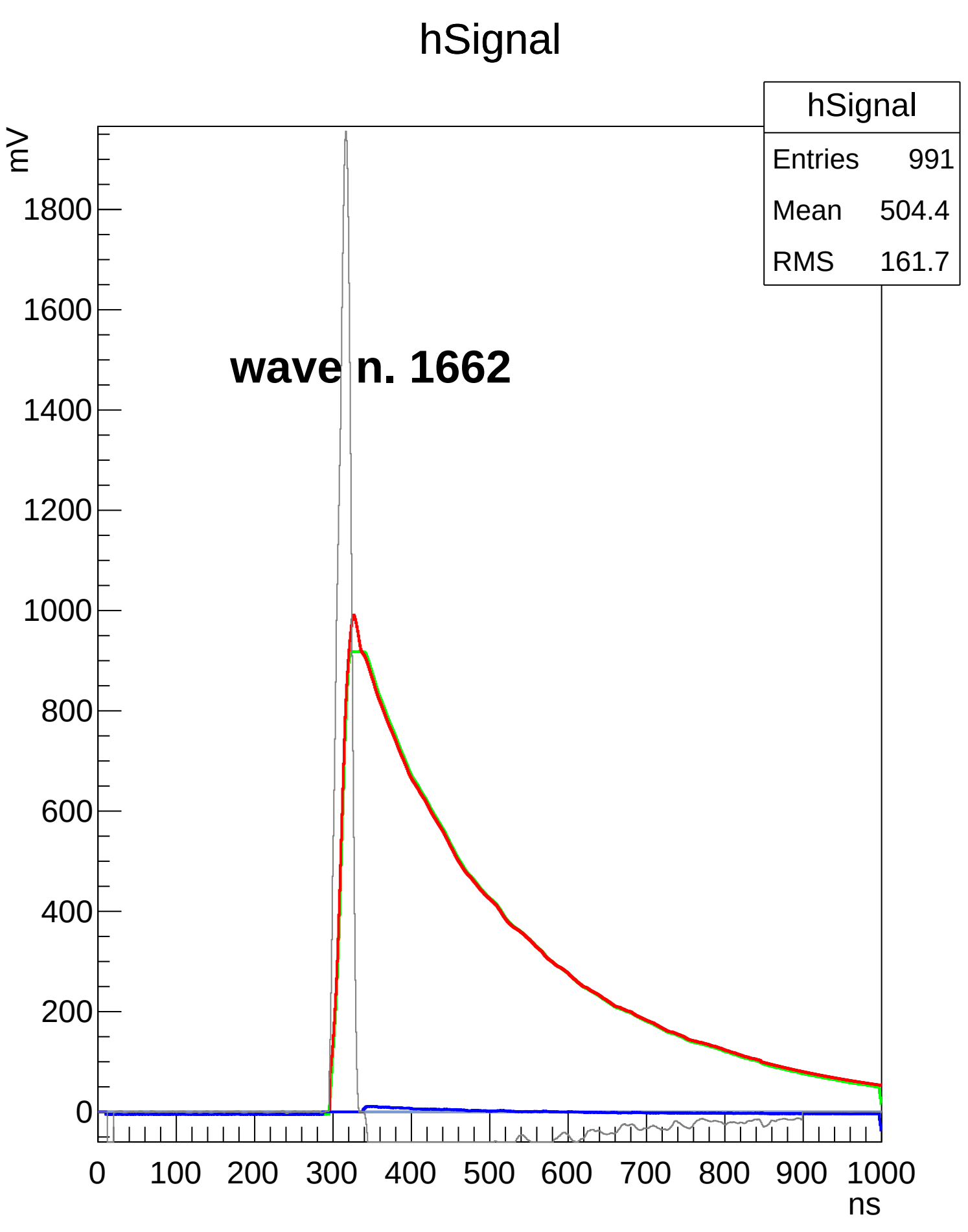
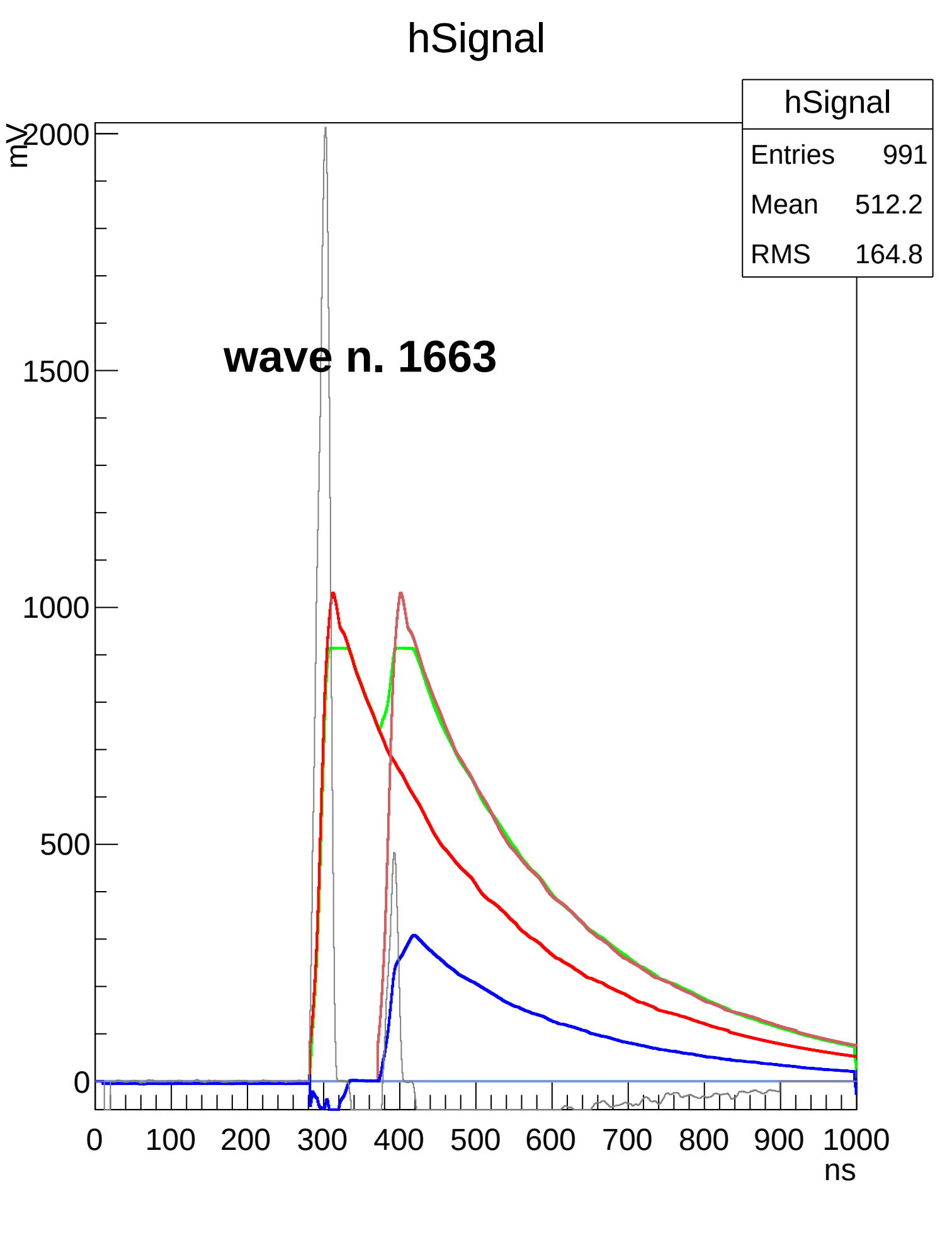
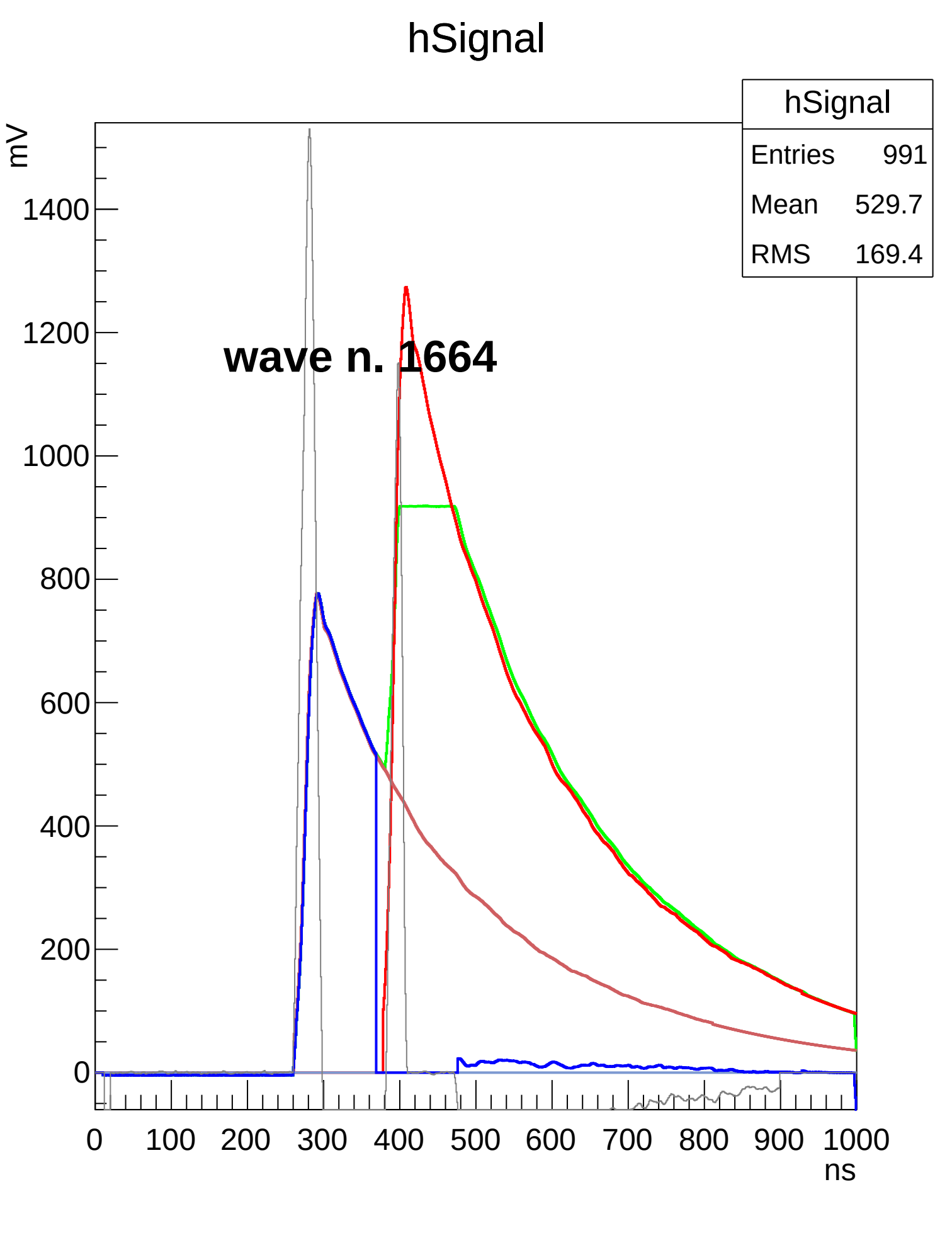
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.4
RMS 161.7
wave n. 1662
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.2
RMS 164.8
wave n. 1663
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 529.7
RMS 169.4
wave n. 1664
mV
1400
1200
1000
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600
400
200
0
0
100
200
300
400
500
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800
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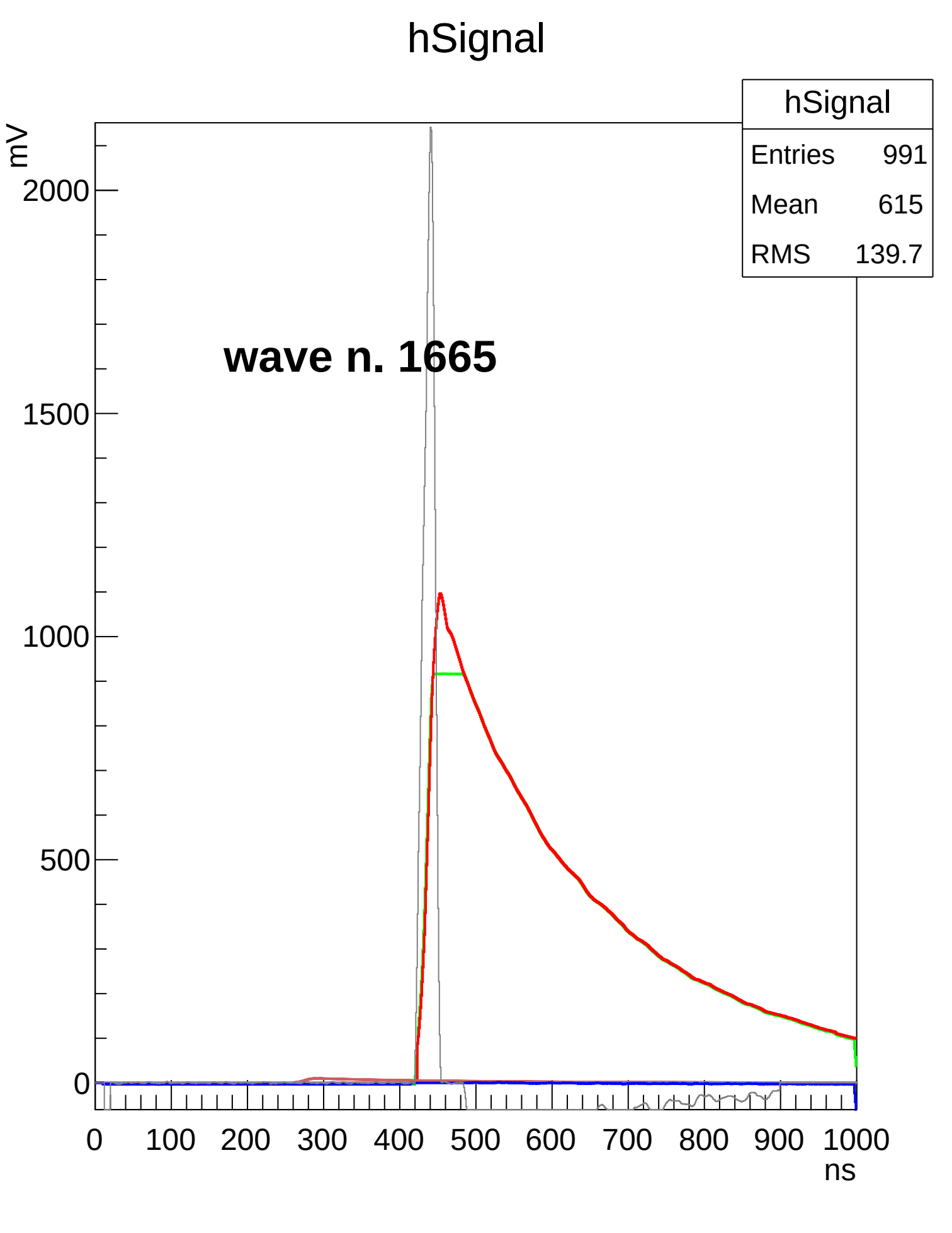
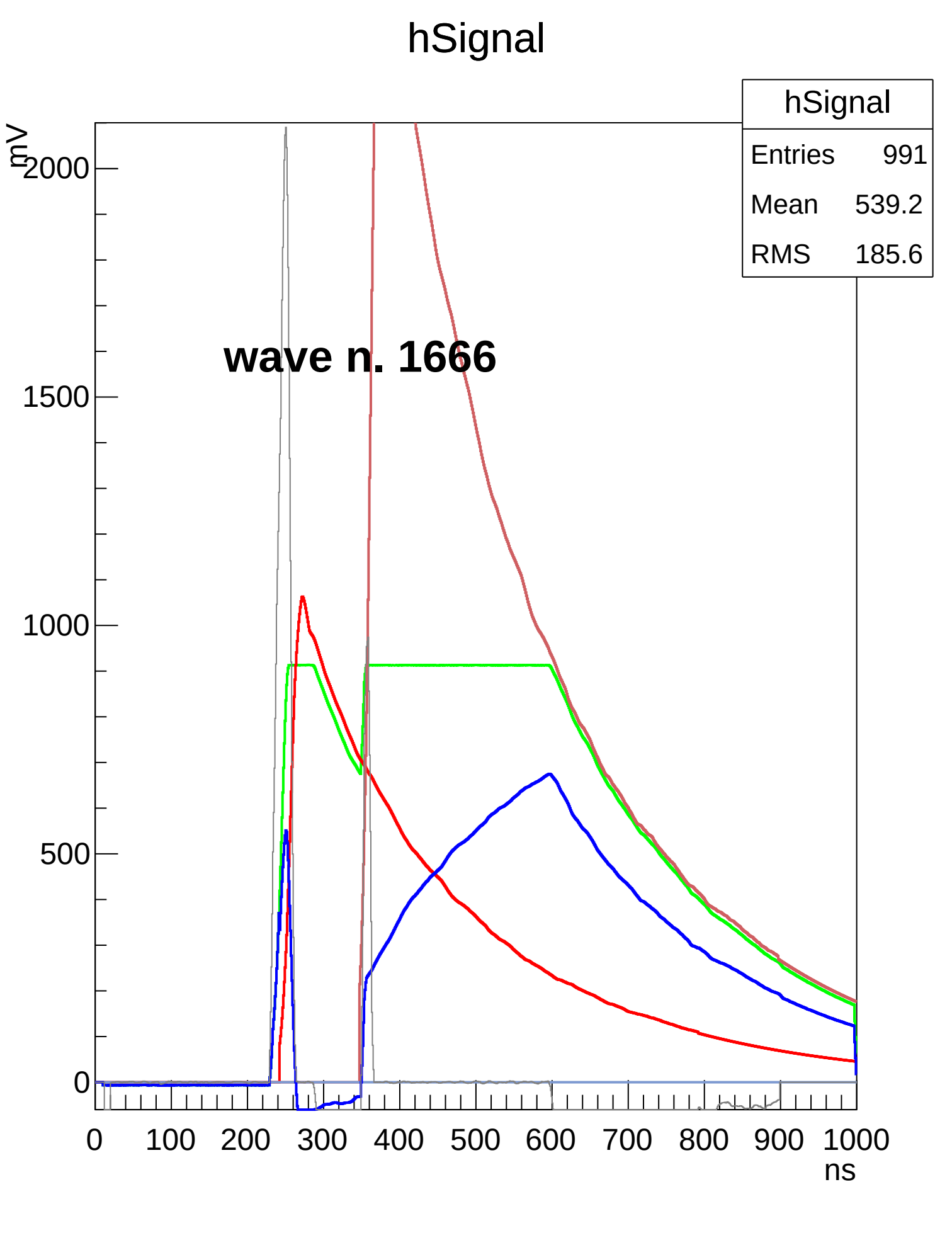
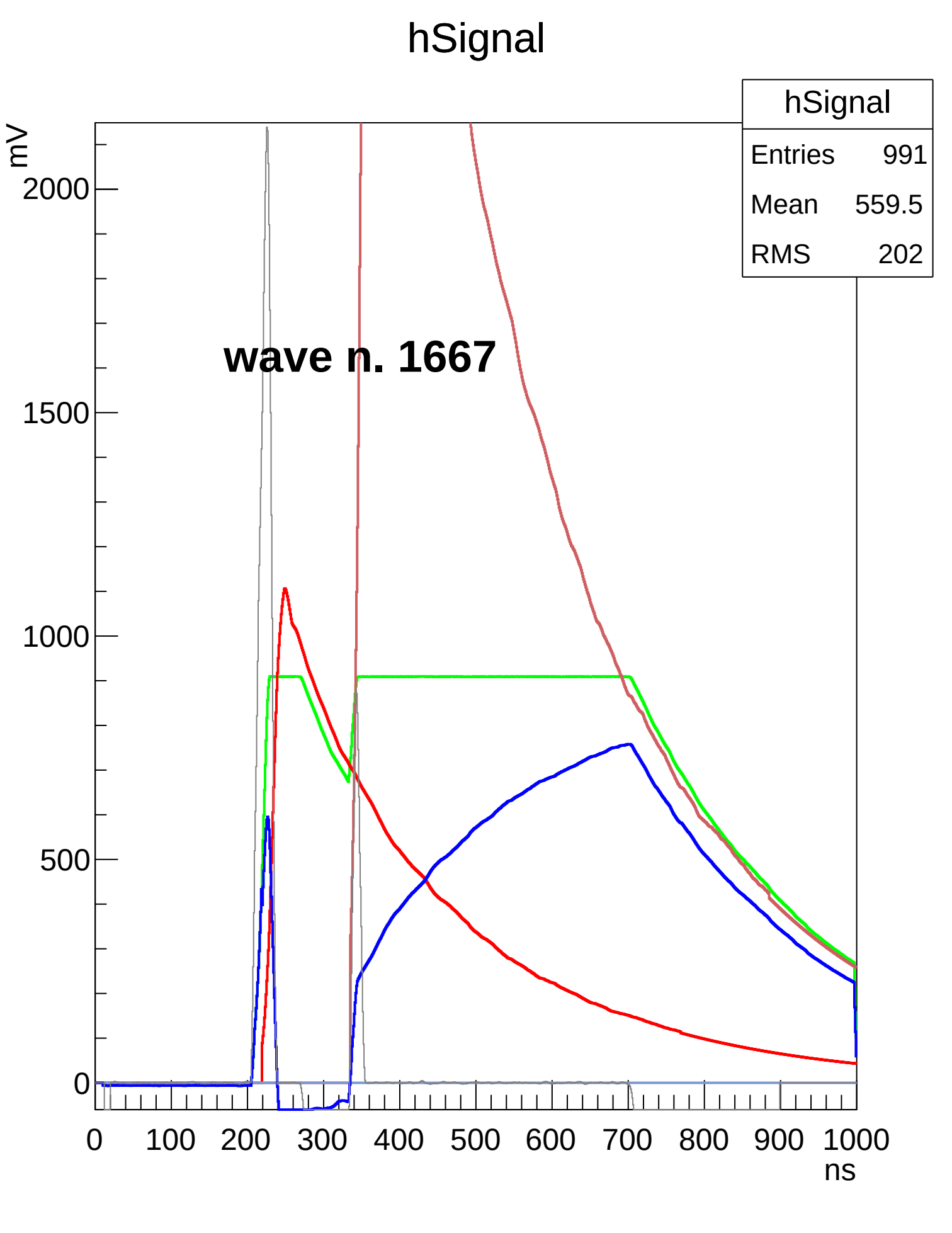
1000
ns


hSignal
hSignal
Entries 991
Mean 615
RMS 139.7
wave n. 1665
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 539.2
RMS 185.6
wave n. 1666
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 559.5
RMS 202
wave n. 1667
mV
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1500
1000
500
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0
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400
500
600
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800
900
1000
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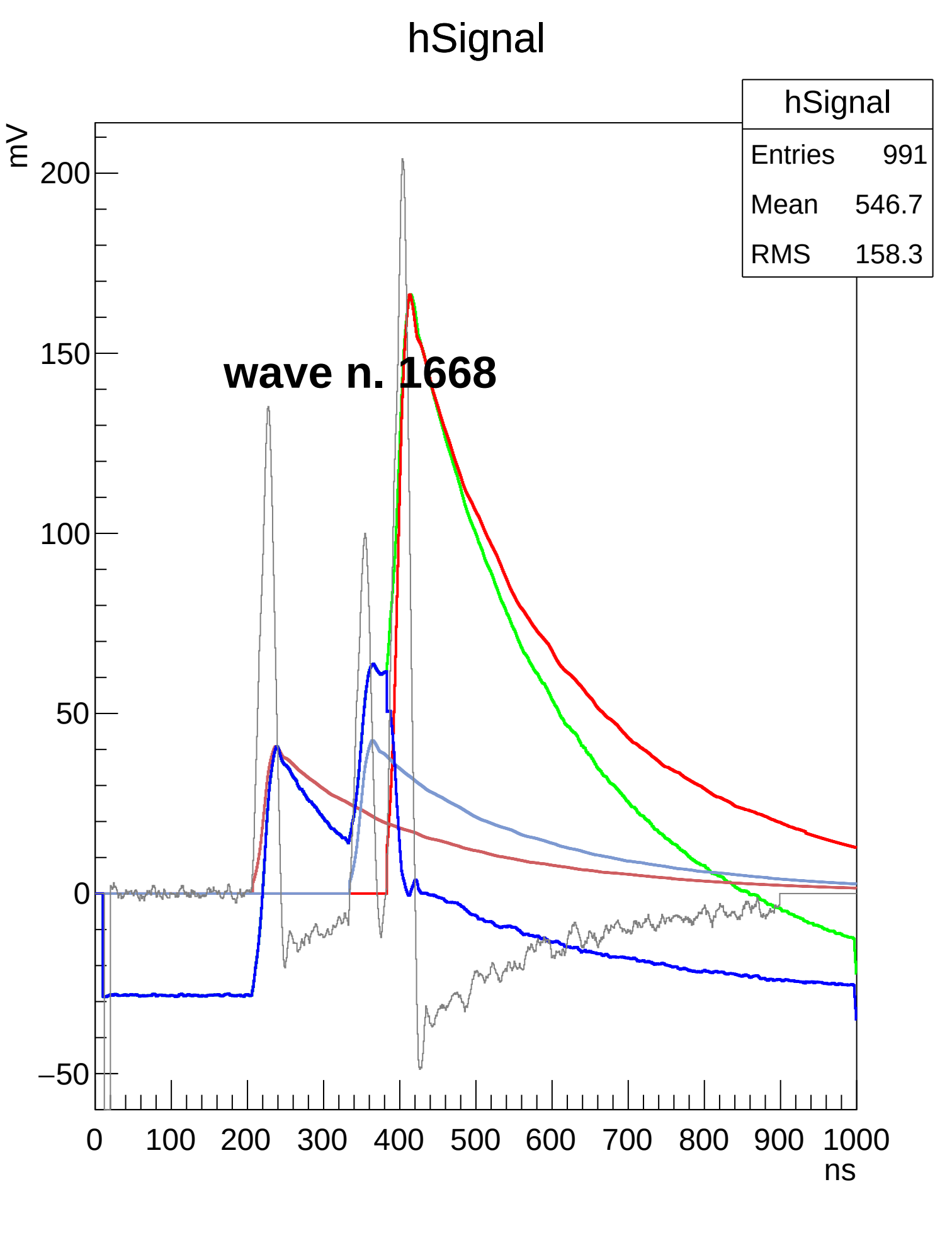
hSignal
hSignal
Entries 991
Mean 546.7
RMS 158.3
wave n. 1668
mV
200
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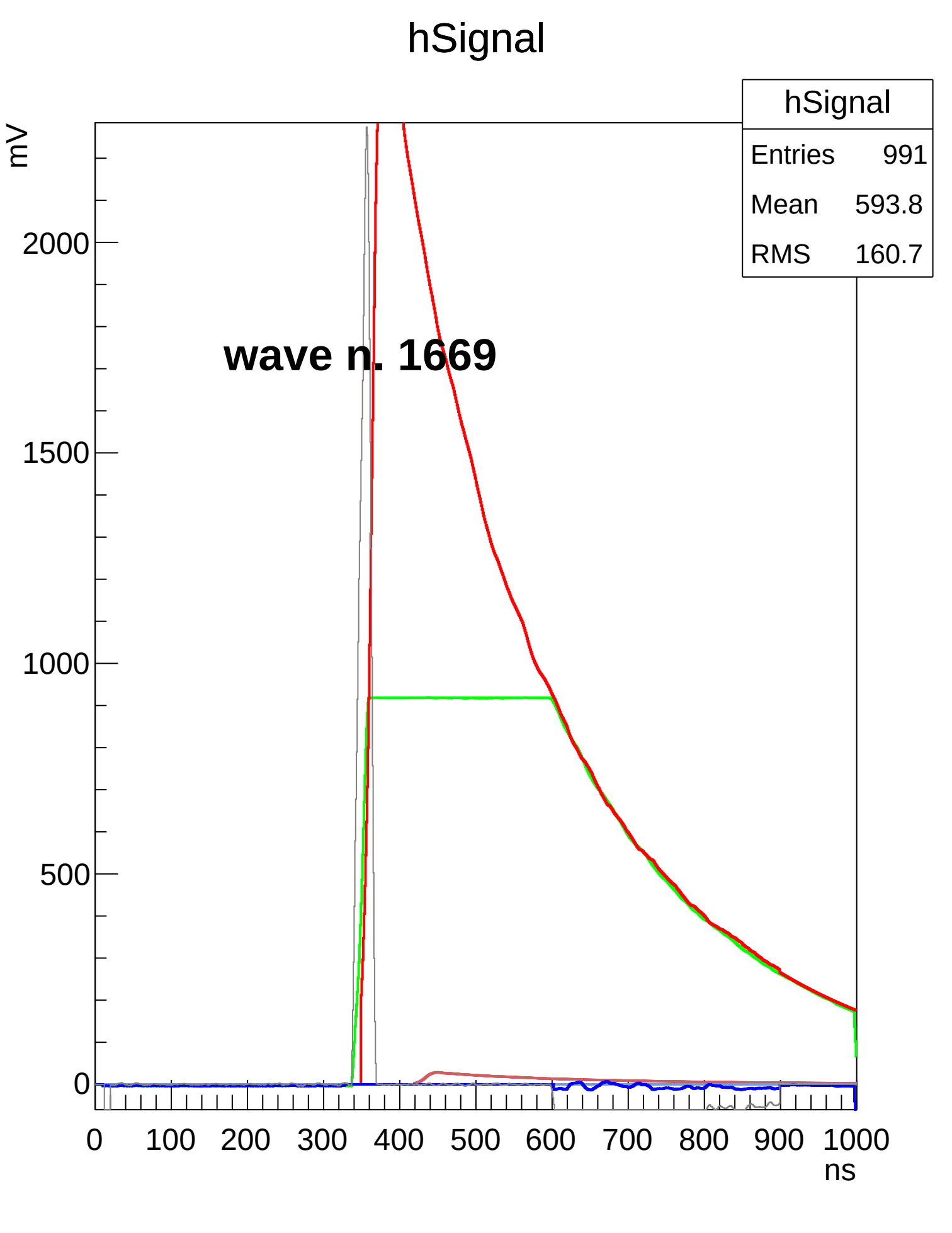
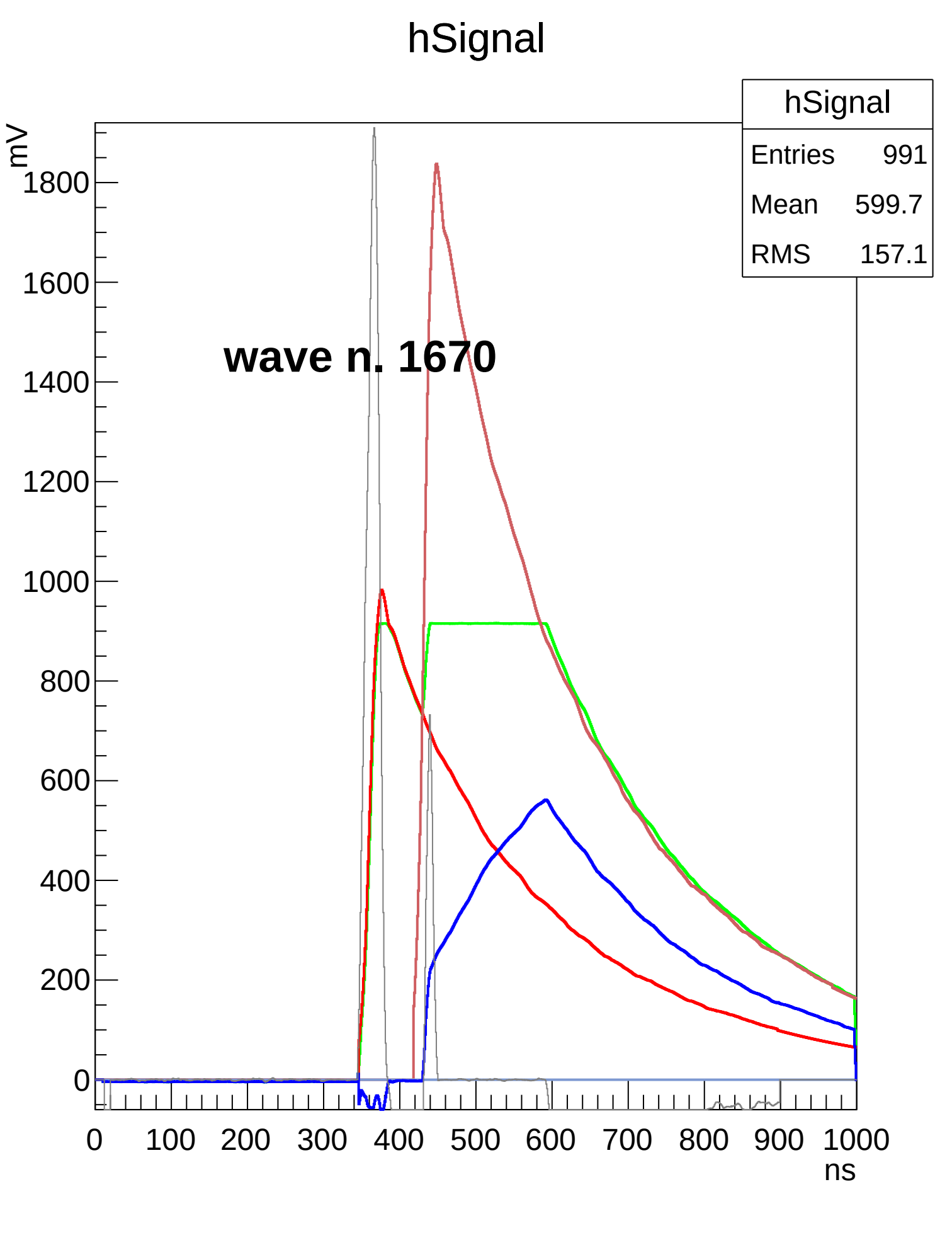
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 593.8
RMS 160.7
wave n. 1669
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 599.7
RMS 157.1
wave n. 1670
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
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400
500
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800
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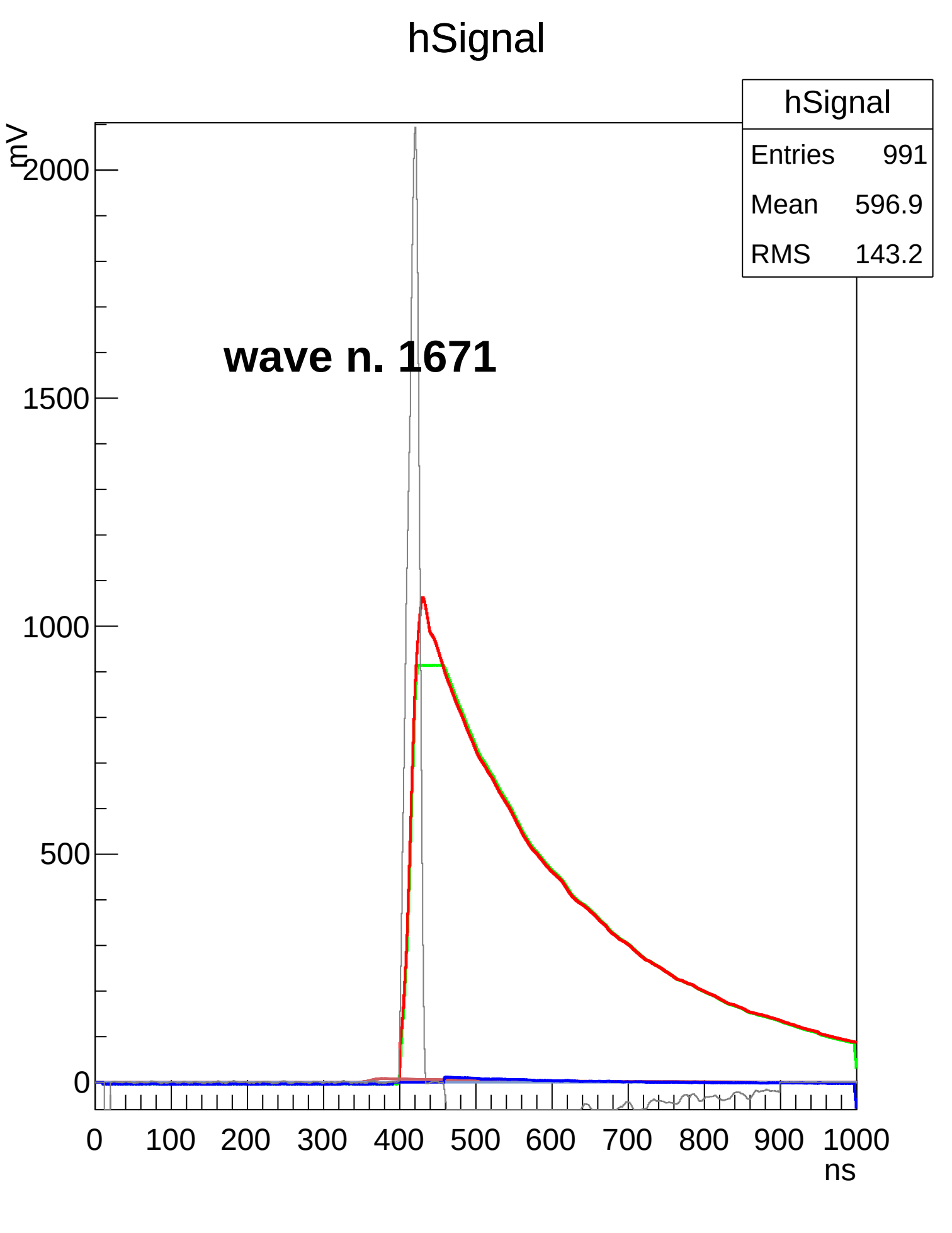
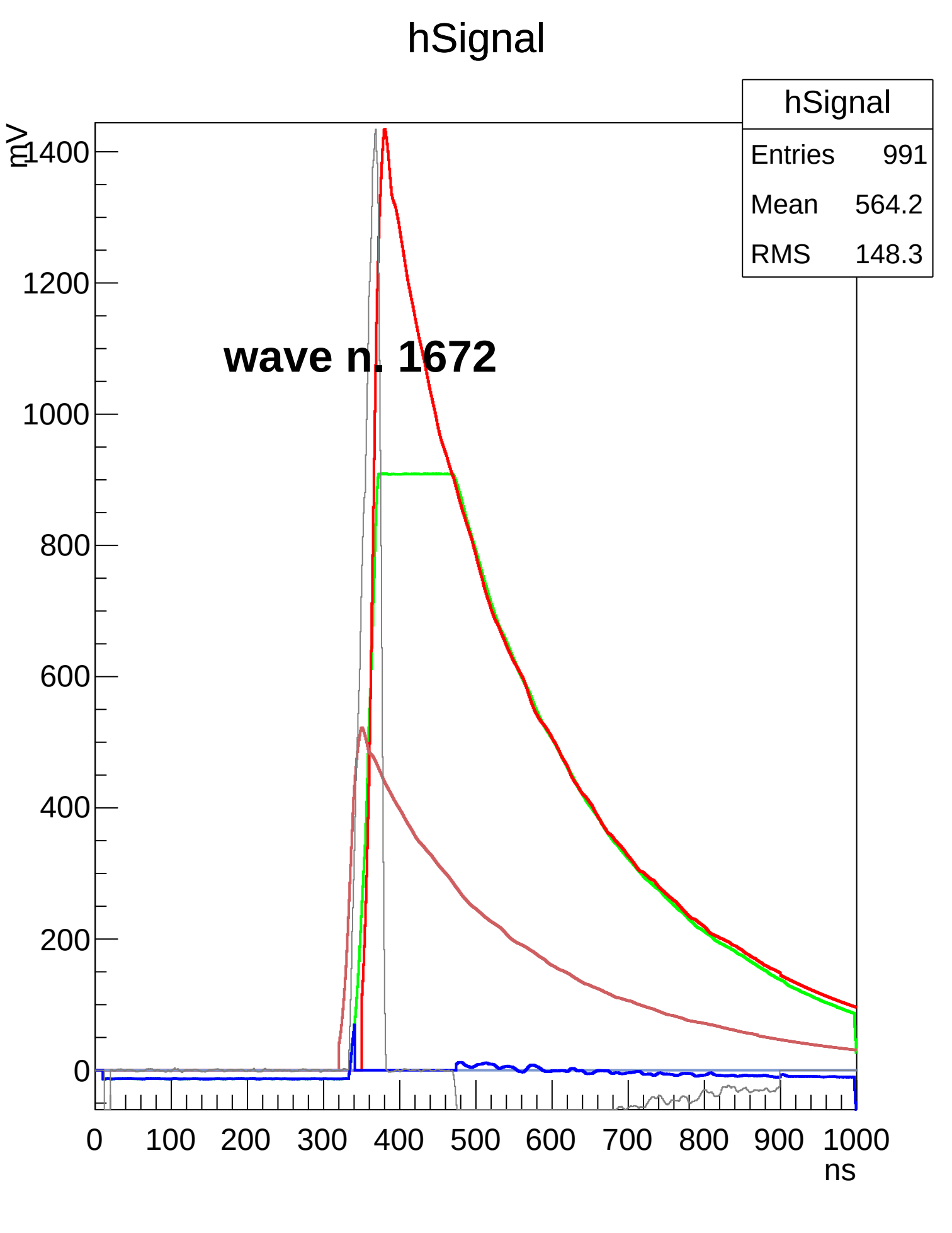
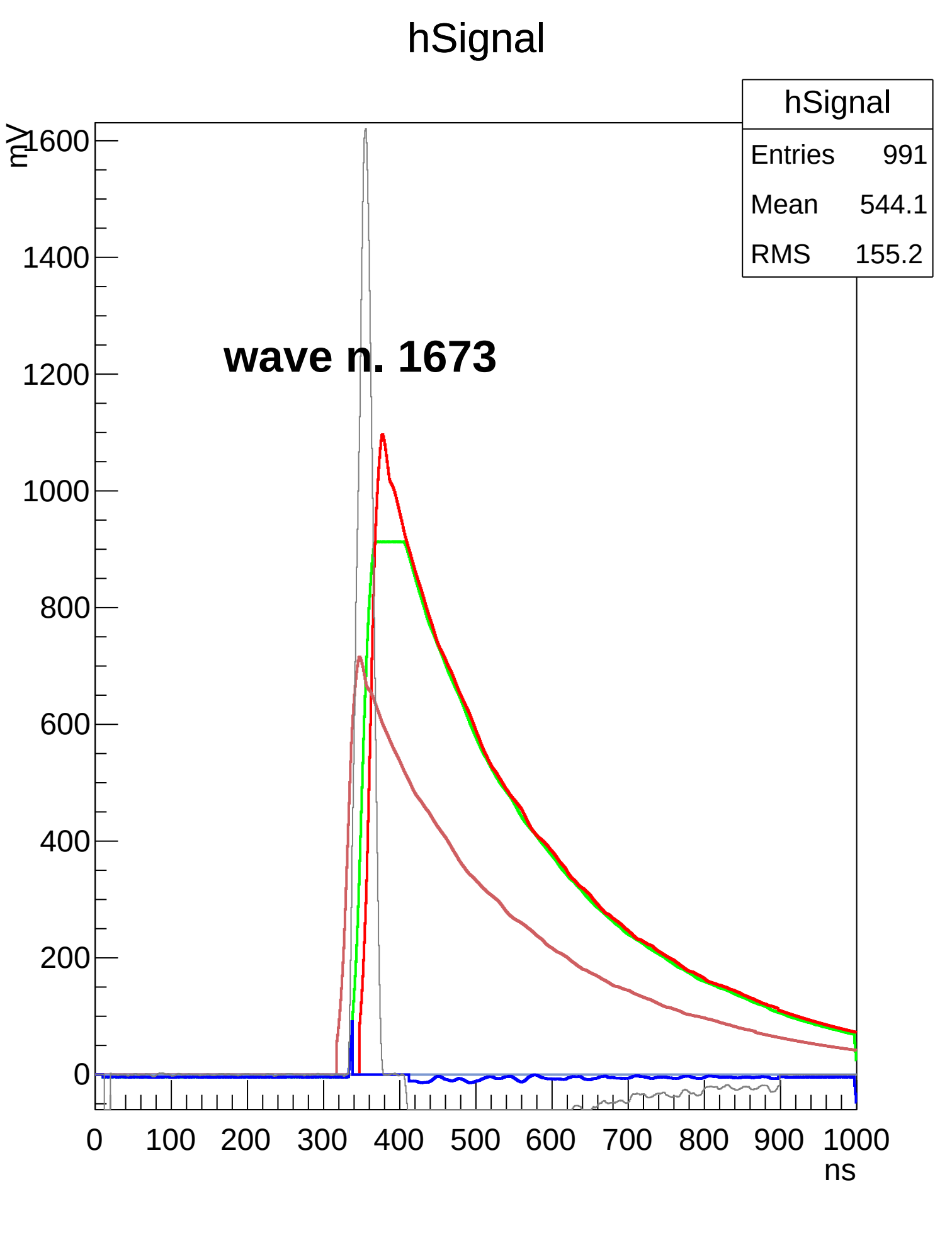
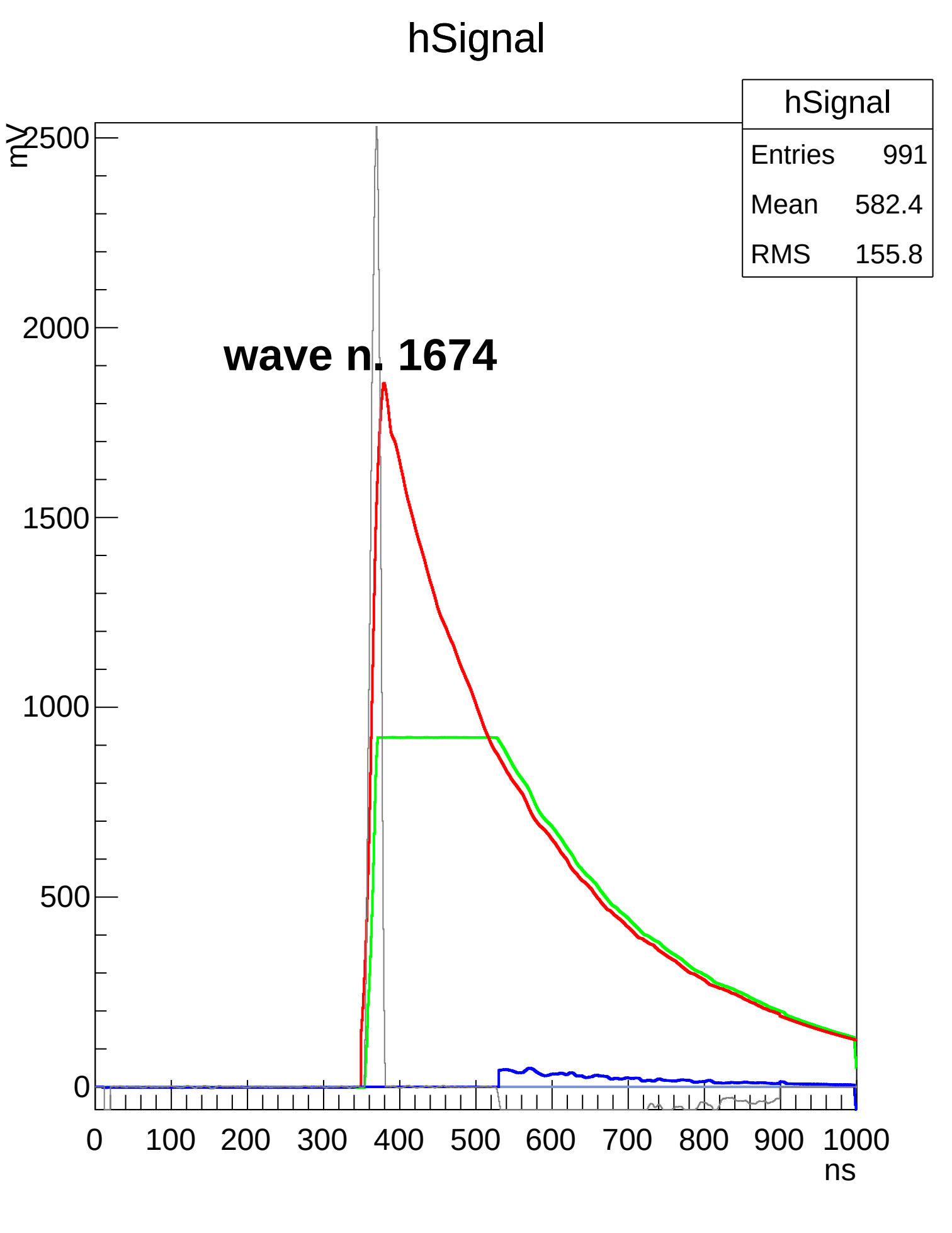
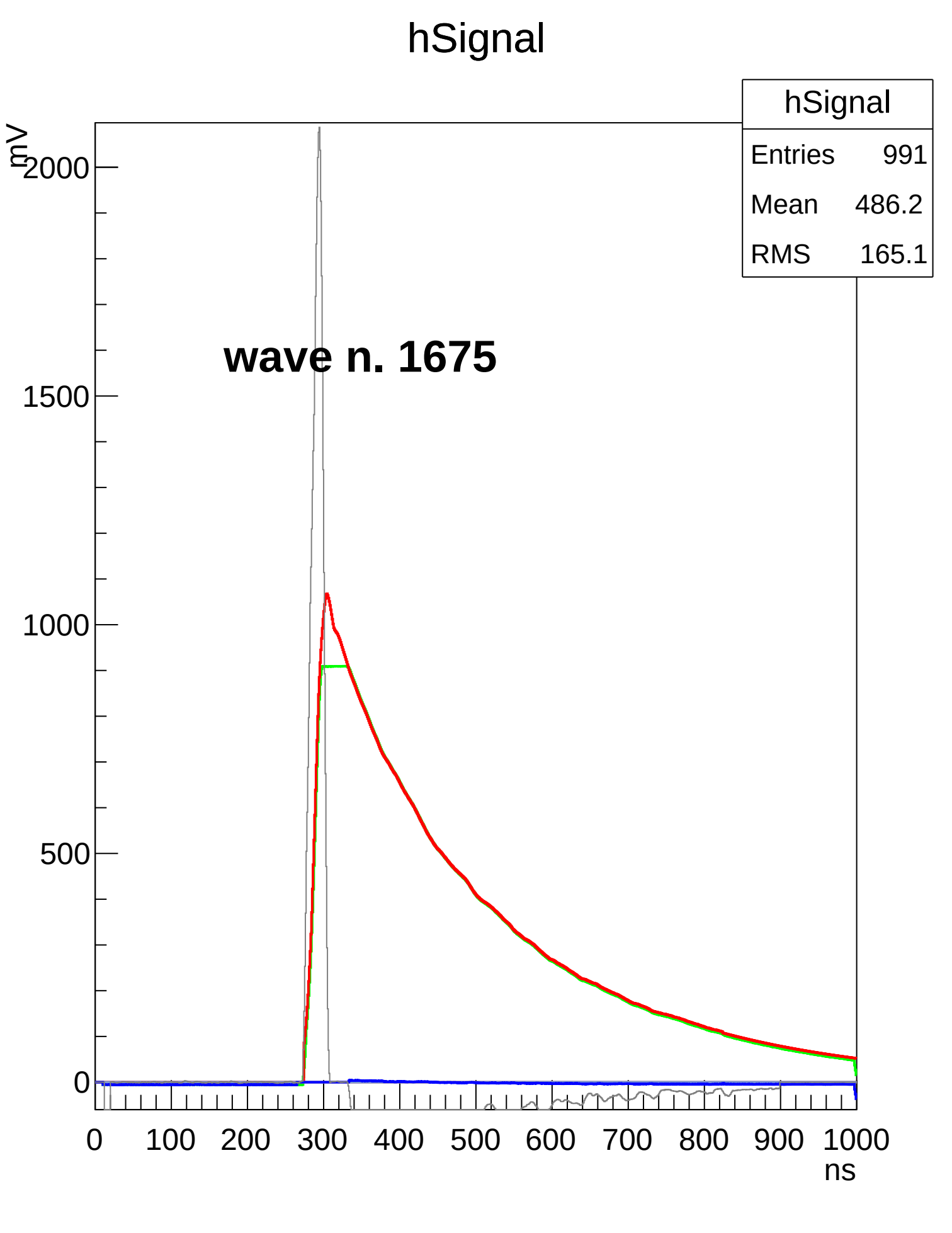
1000
ns


hSignal
hSignal
Entries 991
Mean 596.9
RMS 143.2
wave n. 1671
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 564.2
RMS 148.3
wave n. 1672
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 544.1
RMS 155.2
wave n. 1673
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 582.4
RMS 155.8
wave n. 1674
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486.2
RMS 165.1
wave n. 1675
mV
2000
1500
1000
500
0
0
100
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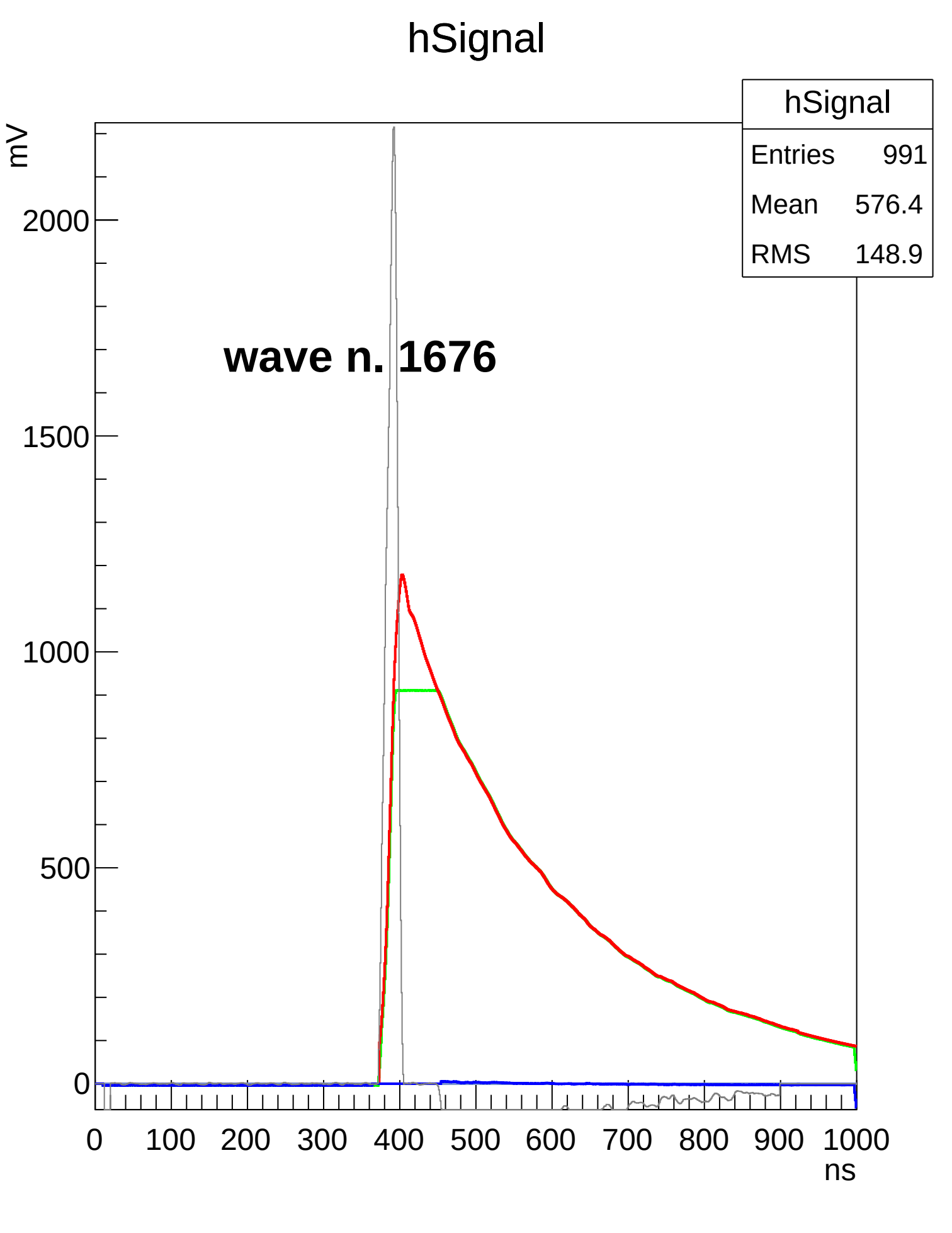
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576.4
RMS 148.9
wave n. 1676
mV
2000
1500
1000
500
0
0
100
200
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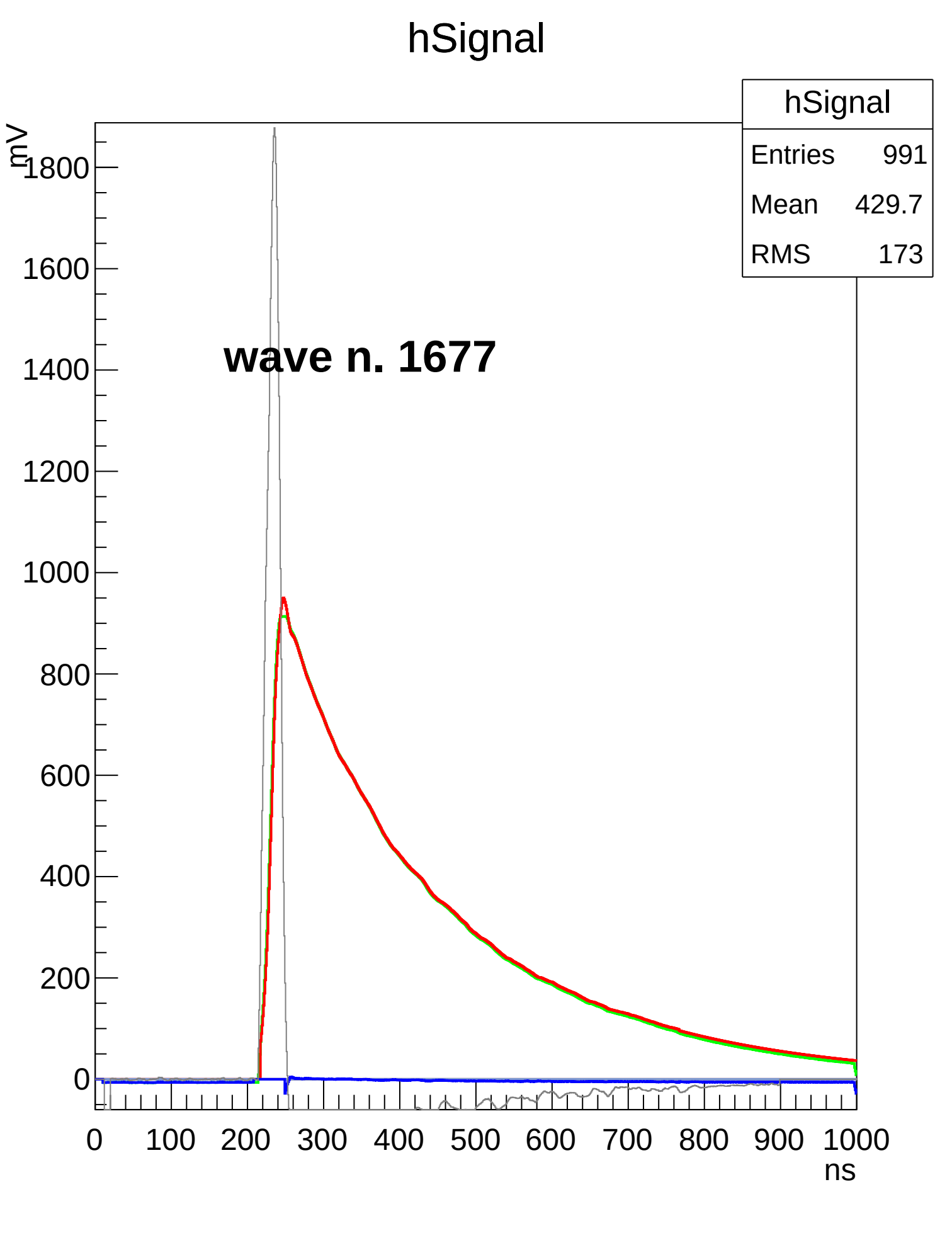
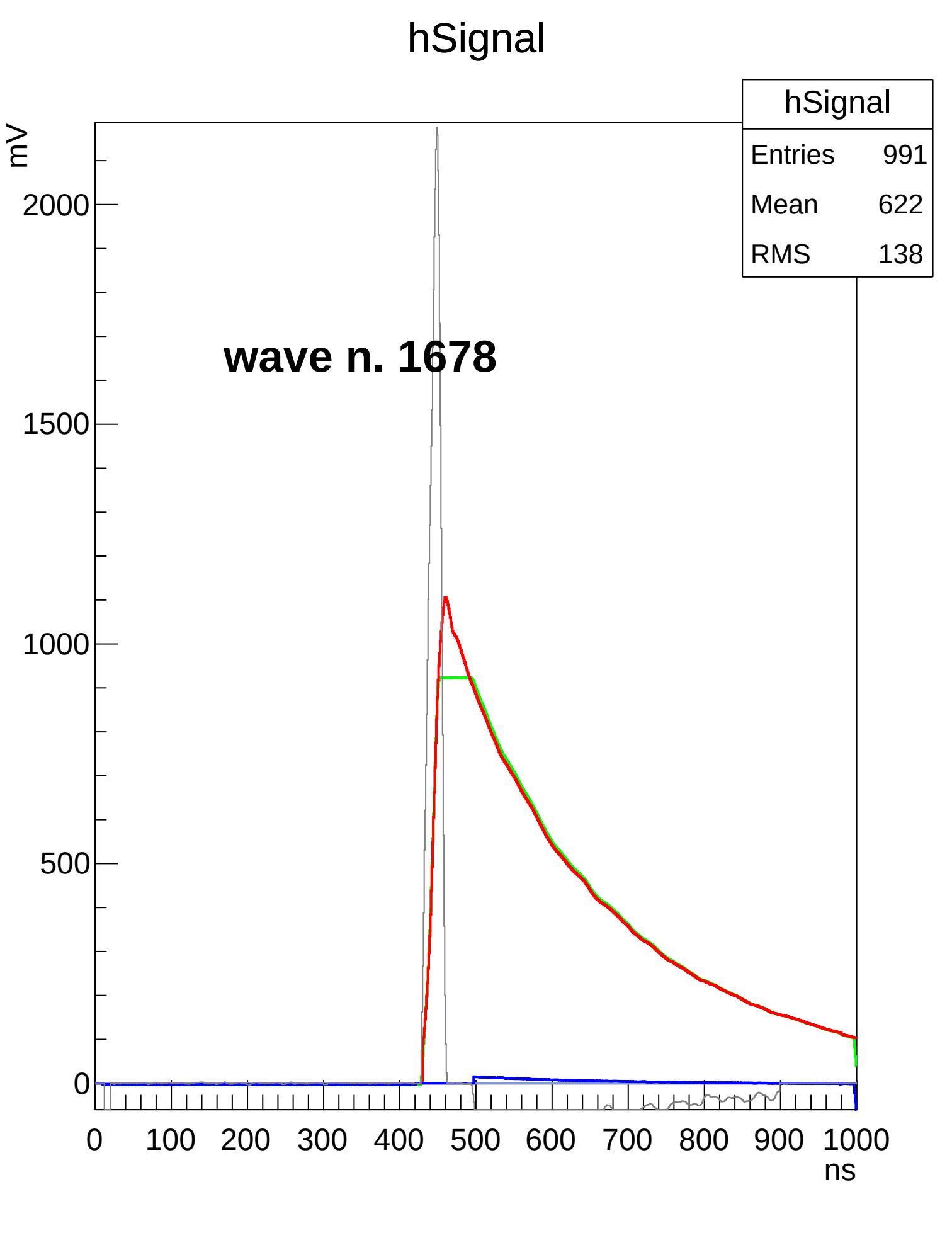
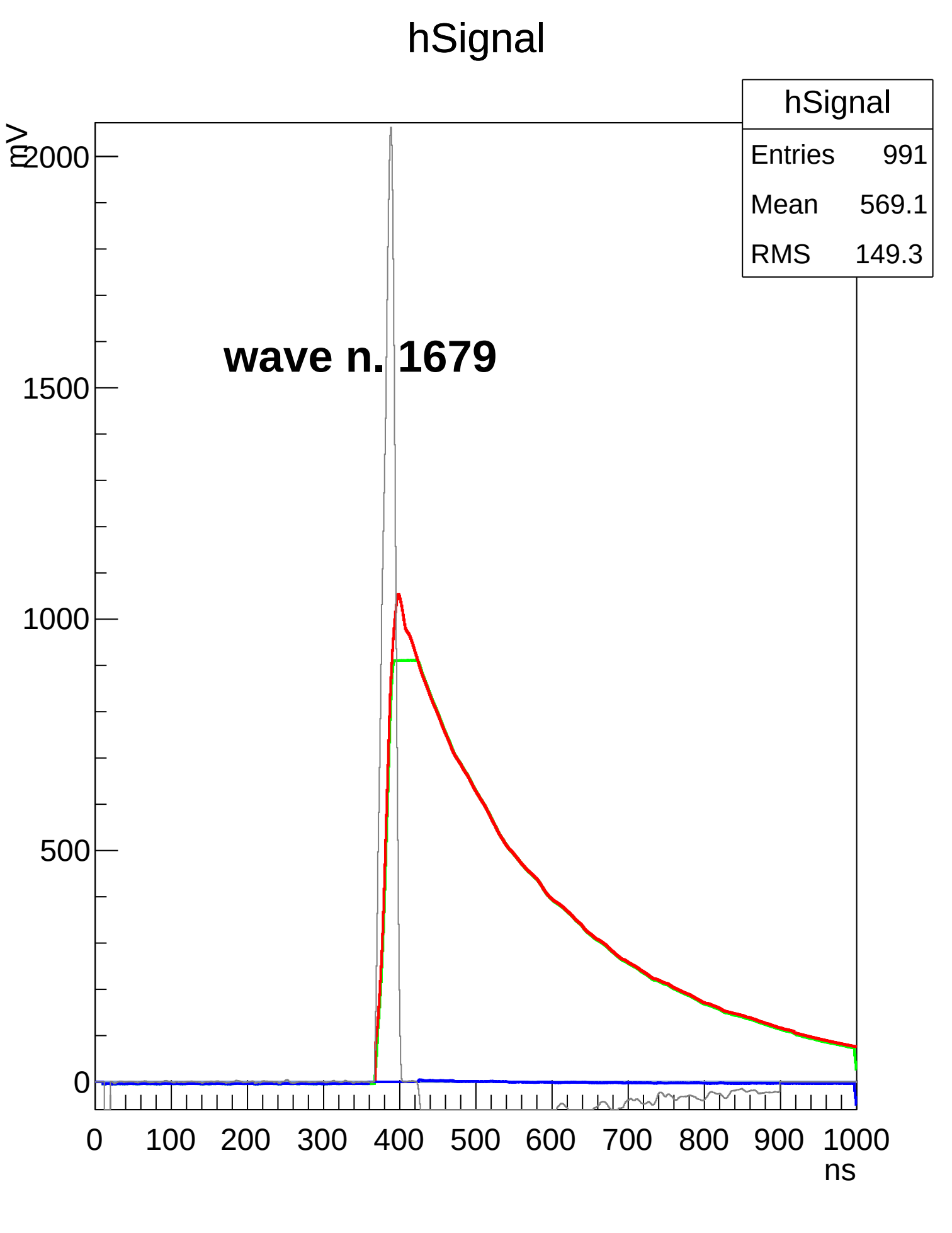
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 429.7
RMS 173
wave n. 1677
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 622
RMS 138
wave n. 1678
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 569.1
RMS 149.3
wave n. 1679
mV
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1500
1000
500
0
0
100
200
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400
500
600
700
800
900
1000
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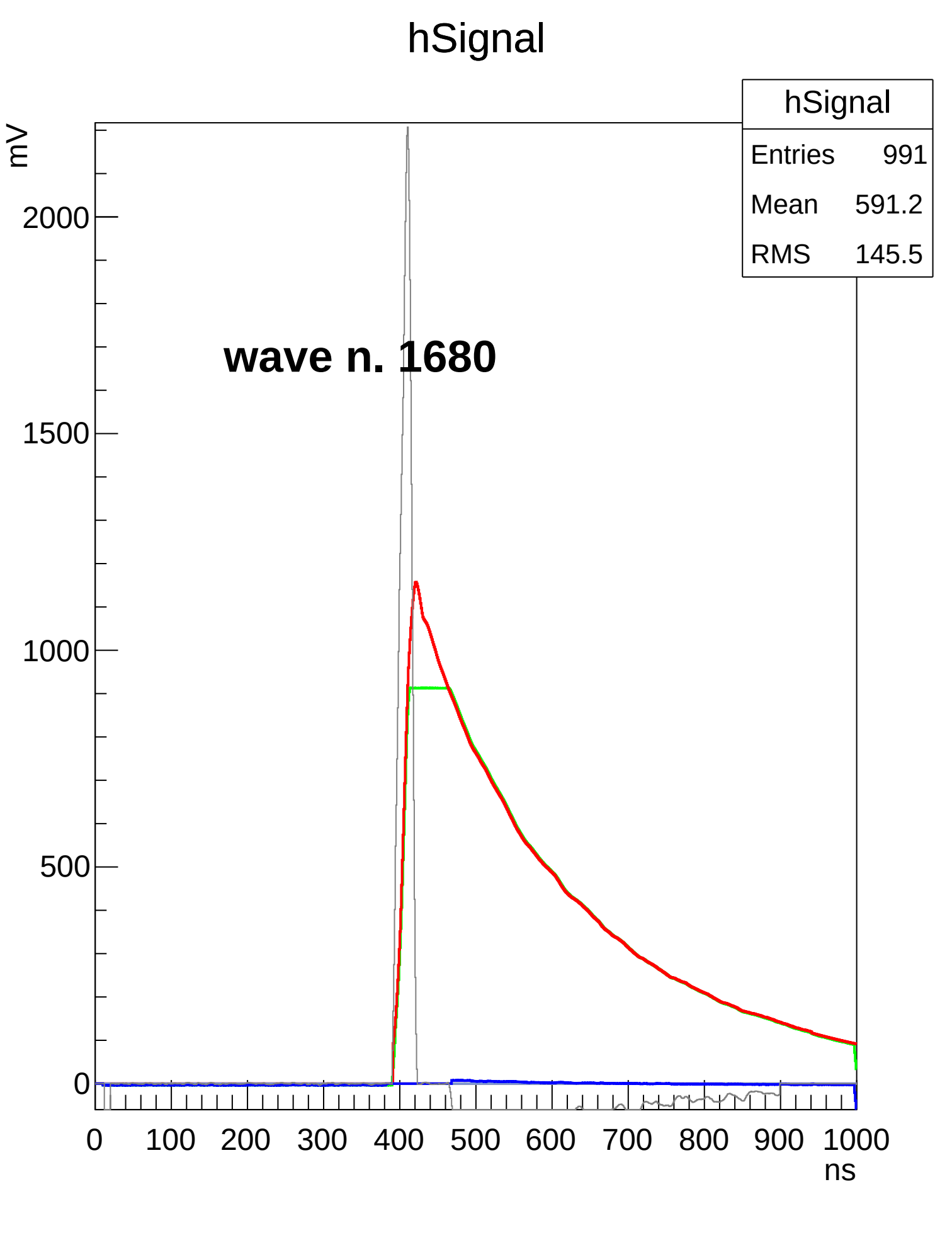
hSignal
hSignal
Entries 991
Mean 591.2
RMS 145.5
wave n. 1680
mV
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1500
1000
500
0
0
100
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400
500
600
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800
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1000
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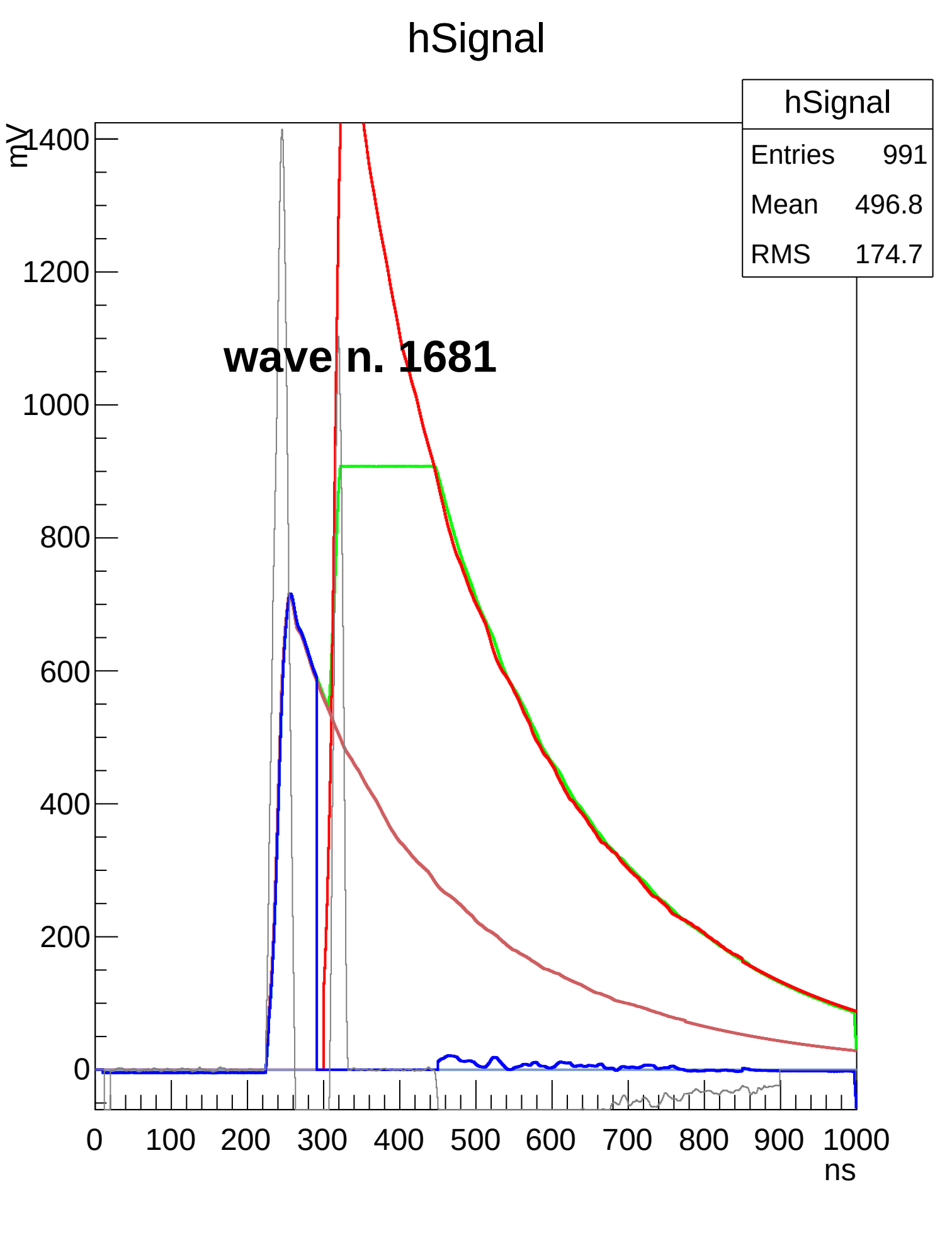
hSignal
hSignal
Entries 991
Mean 496.8
RMS 174.7
wave n. 1681
mV
1400
1200
1000
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600
400
200
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0
100
200
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400
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1000
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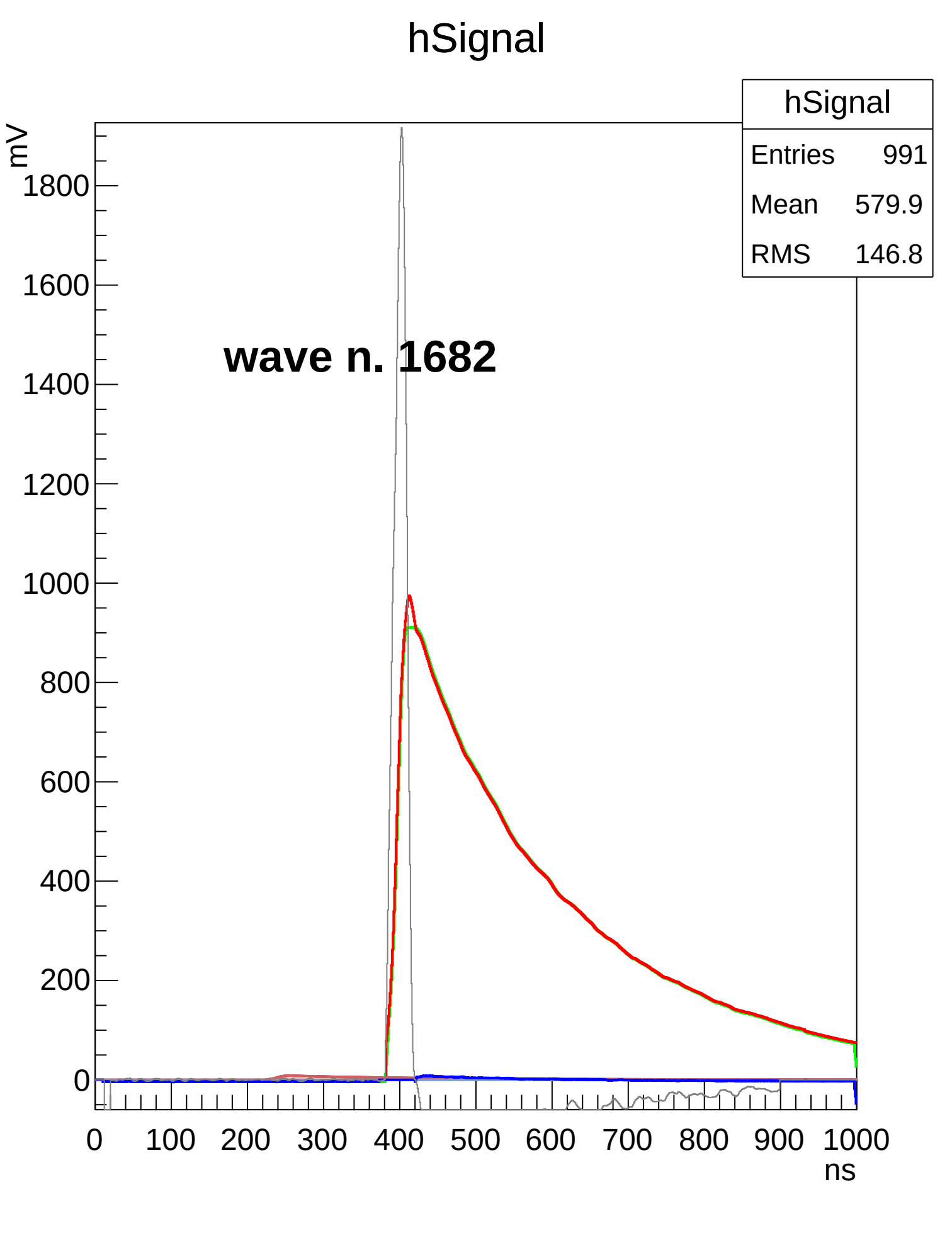
hSignal
hSignal
Entries 991
Mean 579.9
RMS 146.8
wave n. 1682
mV
1800
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0
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1000
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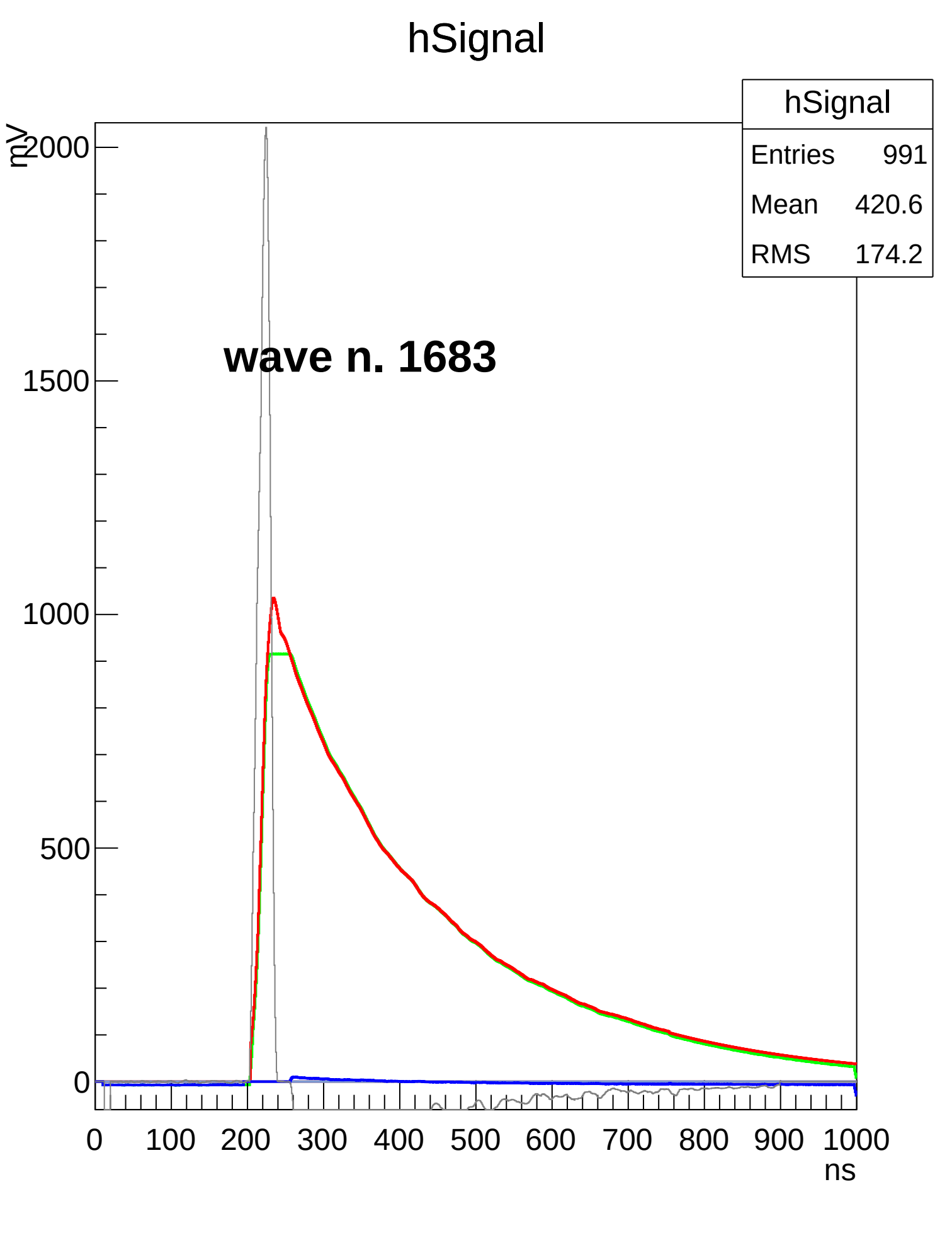
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hSignal
Entries 991
Mean 420.6
RMS 174.2
wave n. 1683
mV
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1000
500
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0
100
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400
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800
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1000
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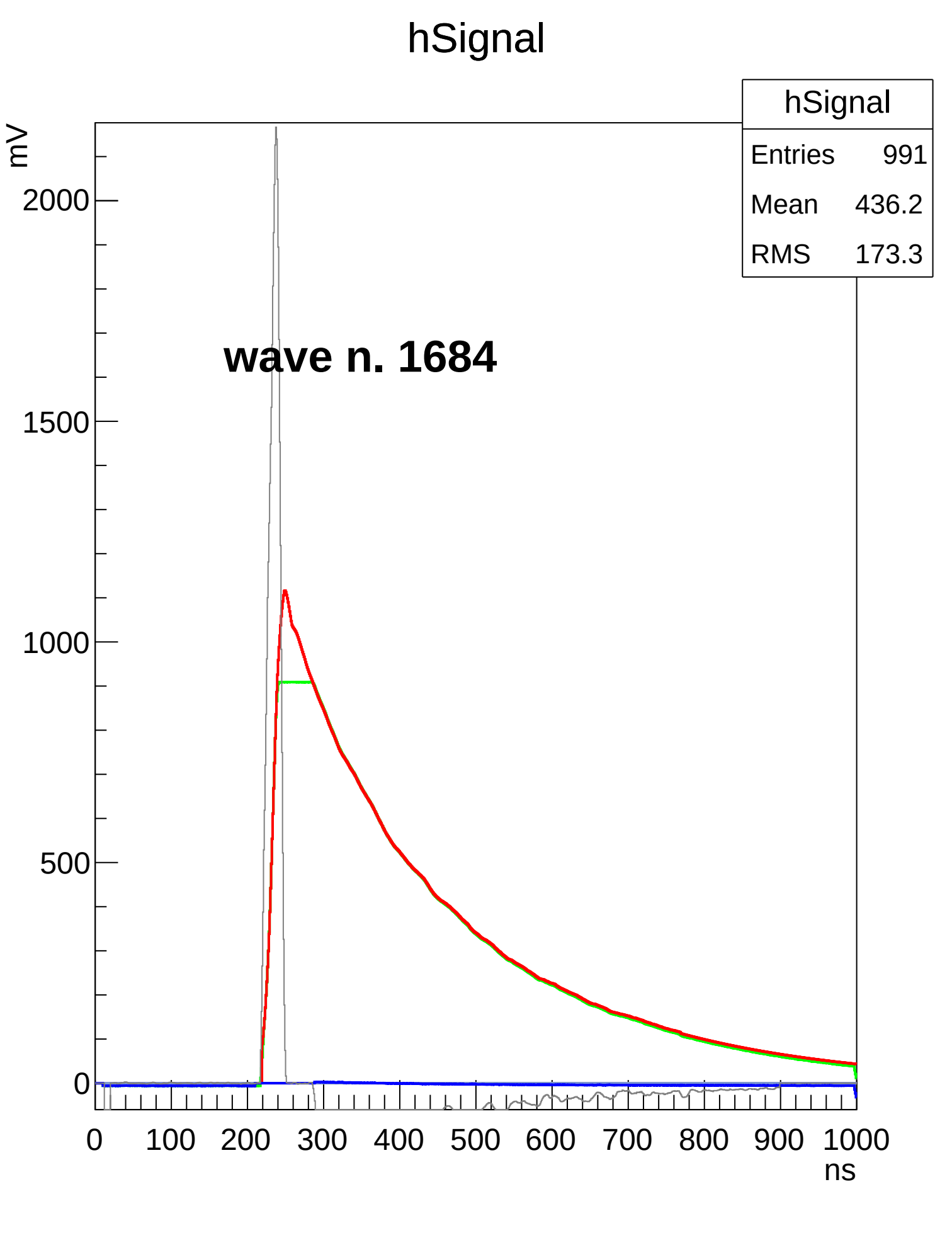
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hSignal
Entries 991
Mean 436.2
RMS 173.3
wave n. 1684
mV
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0
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400
500
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800
900
1000
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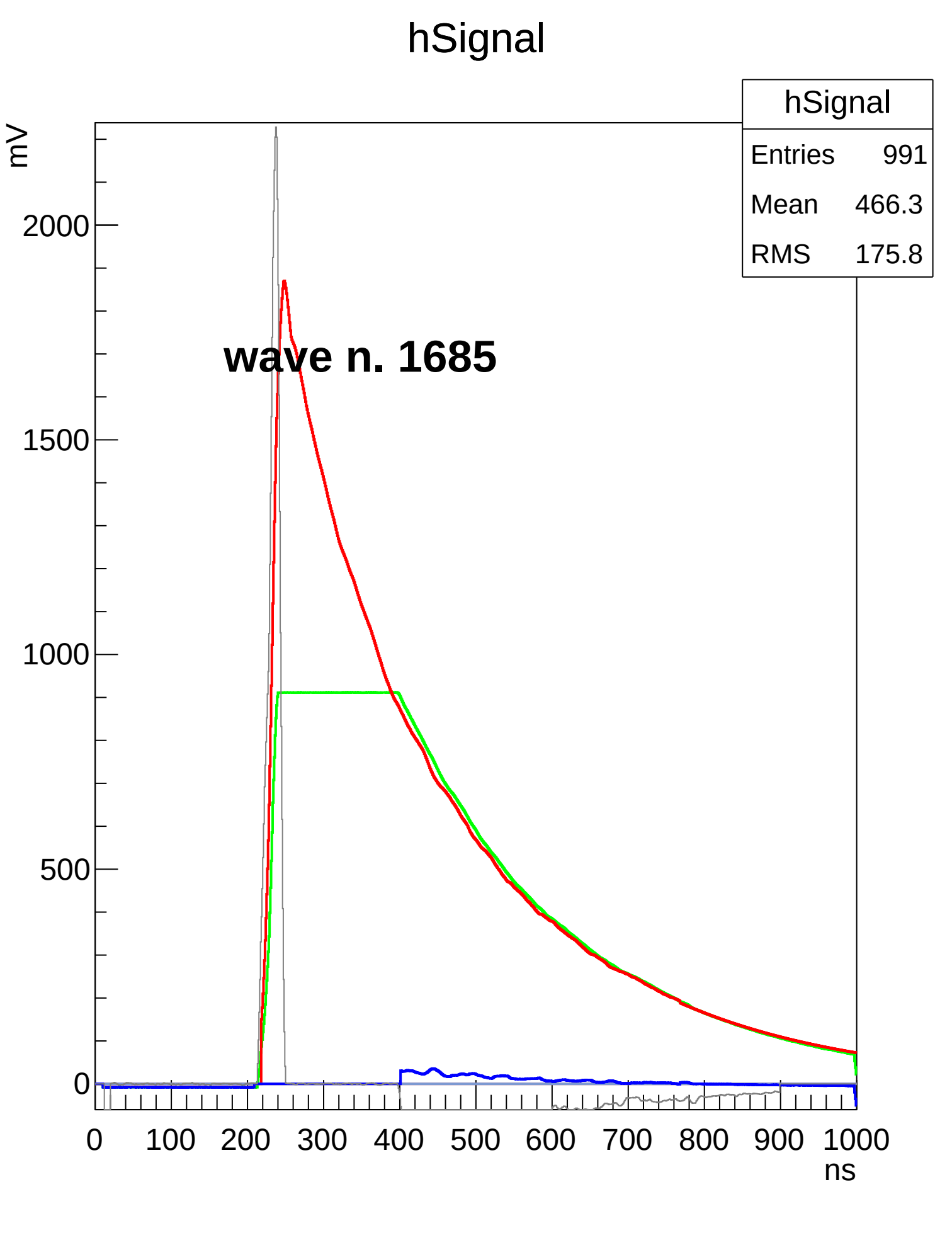
hSignal
hSignal
Entries 991
Mean 466.3
RMS 175.8
wave n. 1685
mV
2000
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1000
500
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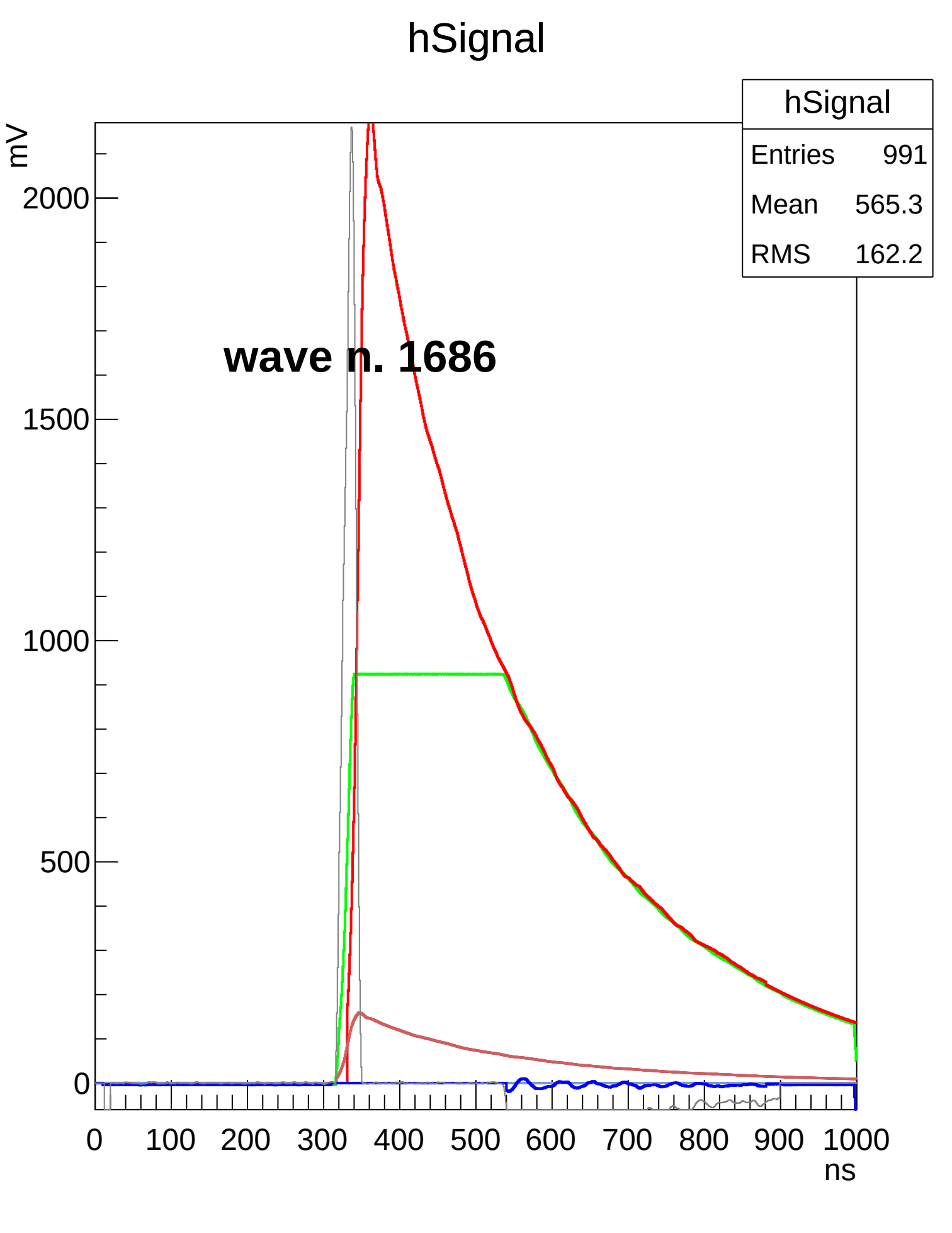
ns


hSignal
hSignal
Entries 991
Mean 565.3
RMS 162.2
wave n. 1686
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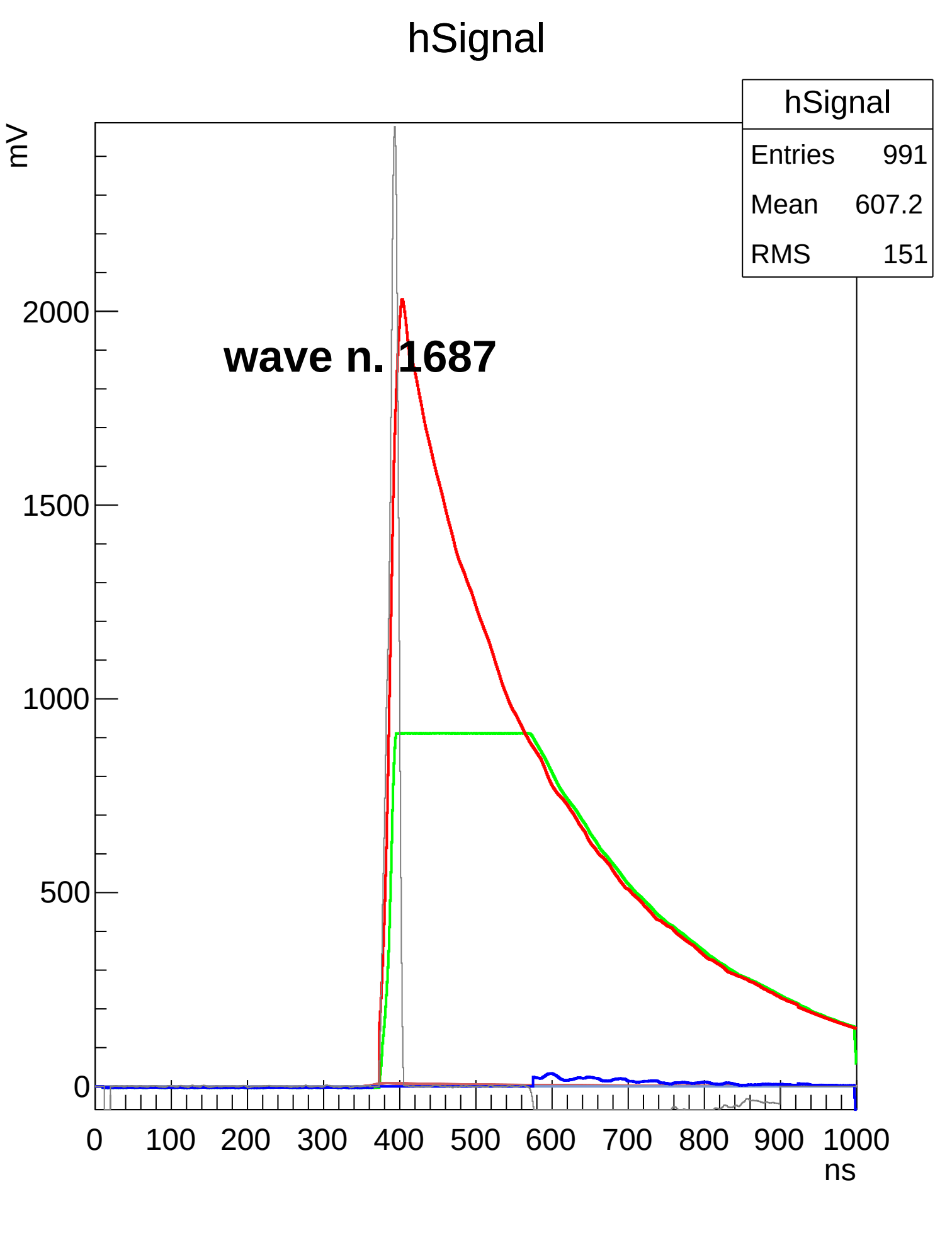
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Entries 991
Mean 607.2
RMS 151
wave n. 1687
mV
2000
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1000
500
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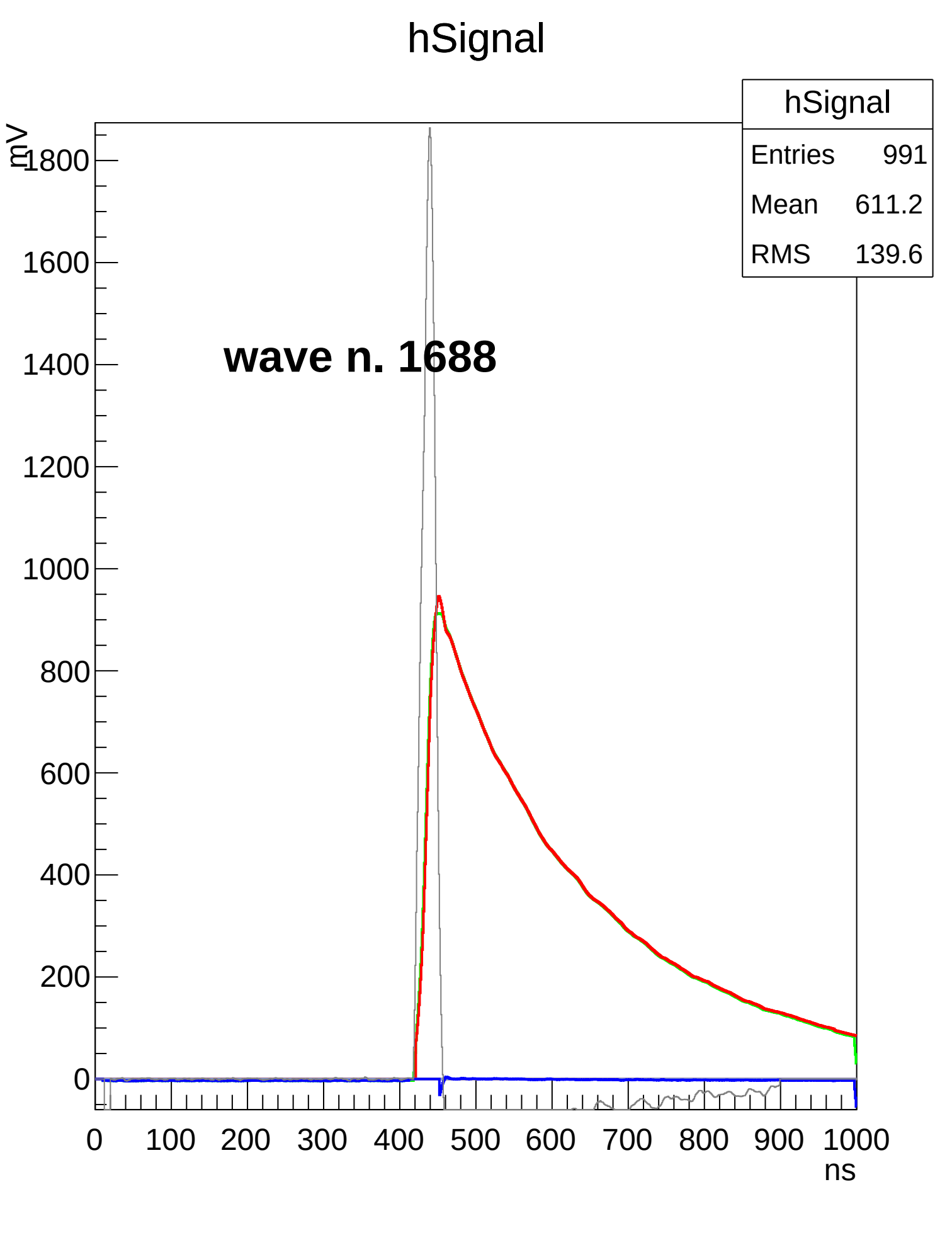
ns


hSignal
hSignal
Entries 991
Mean 611.2
RMS 139.6
wave n. 1688
mV
1800
1600
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600
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200
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0
100
200
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400
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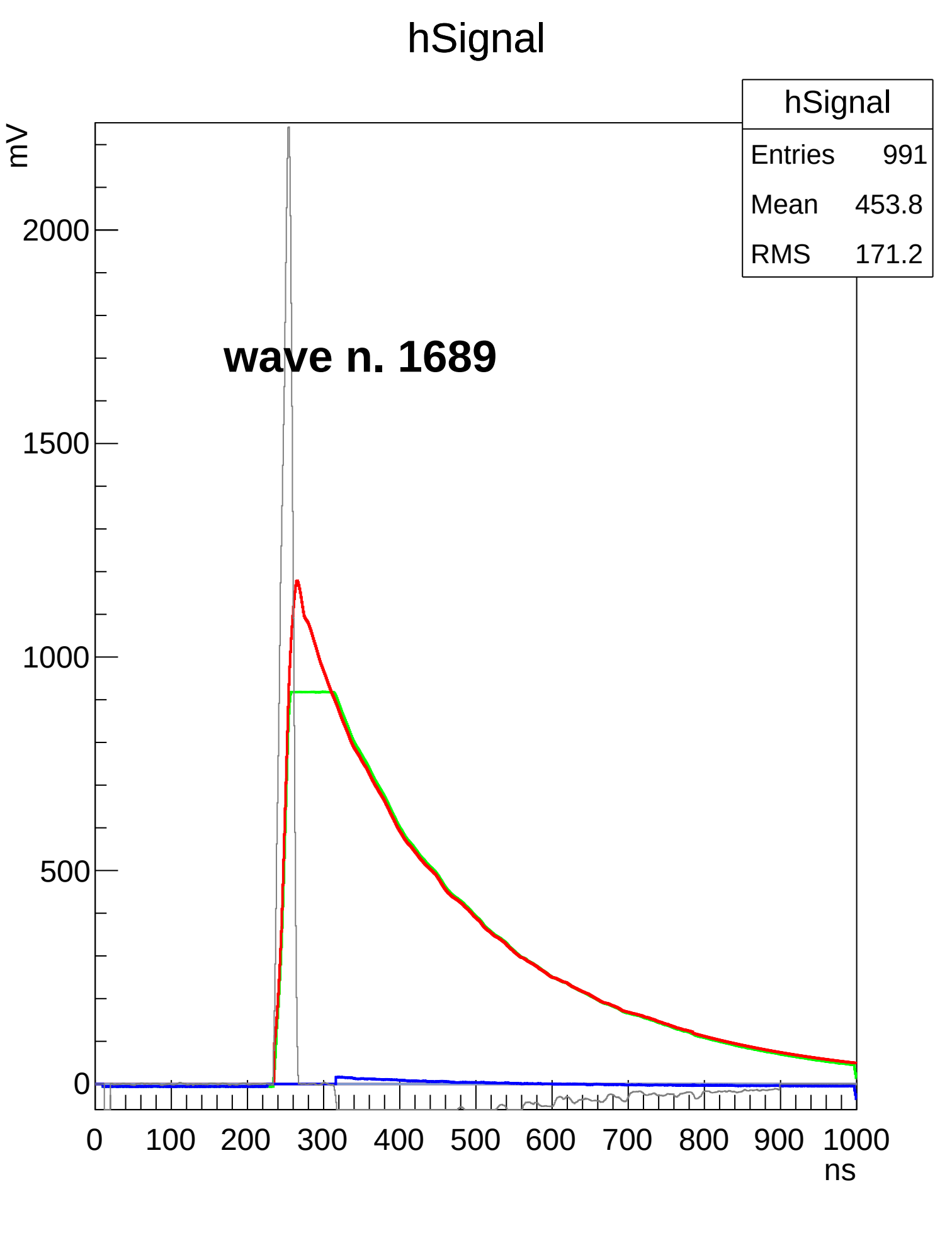
1000
ns


hSignal
hSignal
Entries 991
Mean 453.8
RMS 171.2
wave n. 1689
mV
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1000
500
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800
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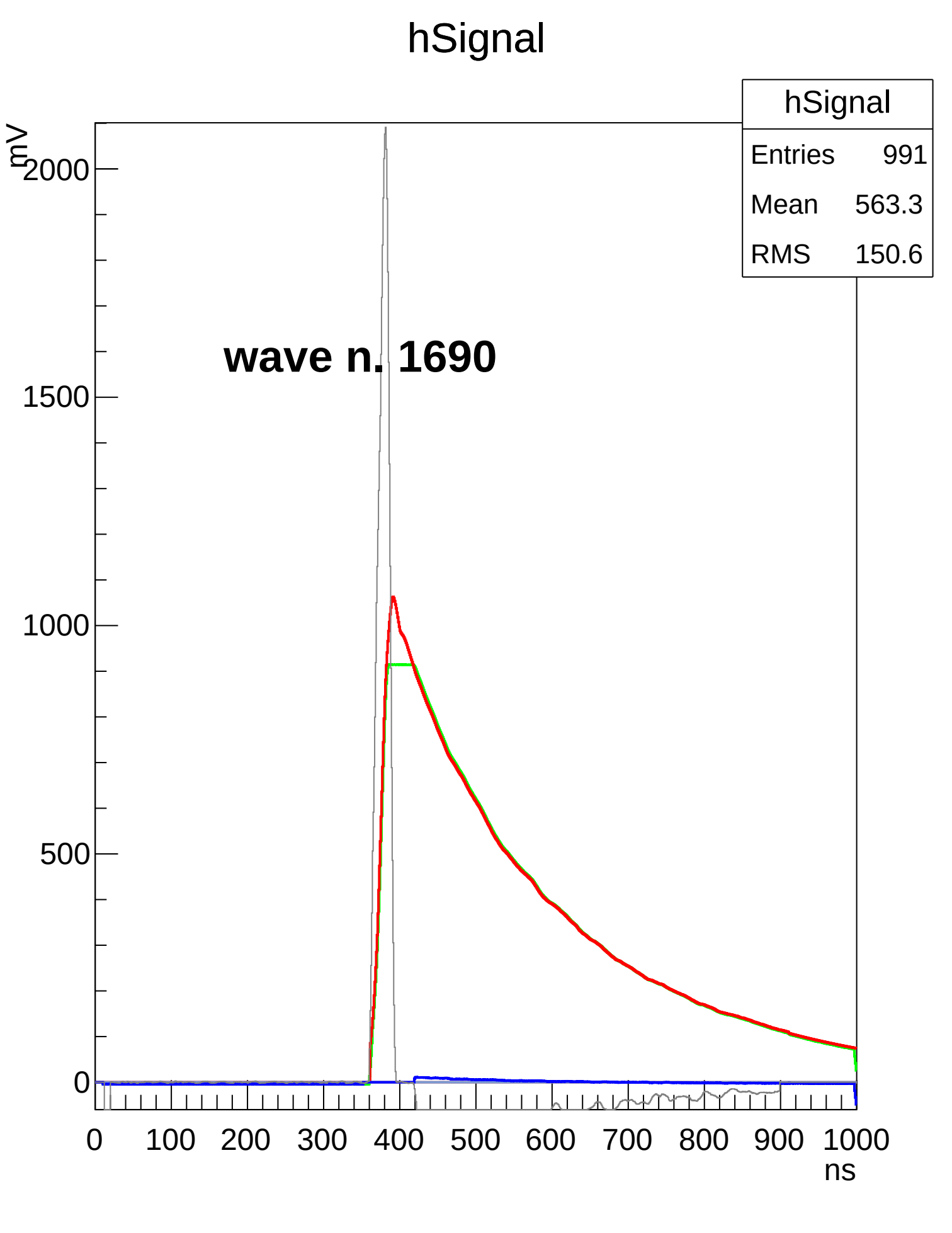
1000
ns


hSignal
hSignal
Entries 991
Mean 563.3
RMS 150.6
wave n. 1690
mV
2000
1500
1000
500
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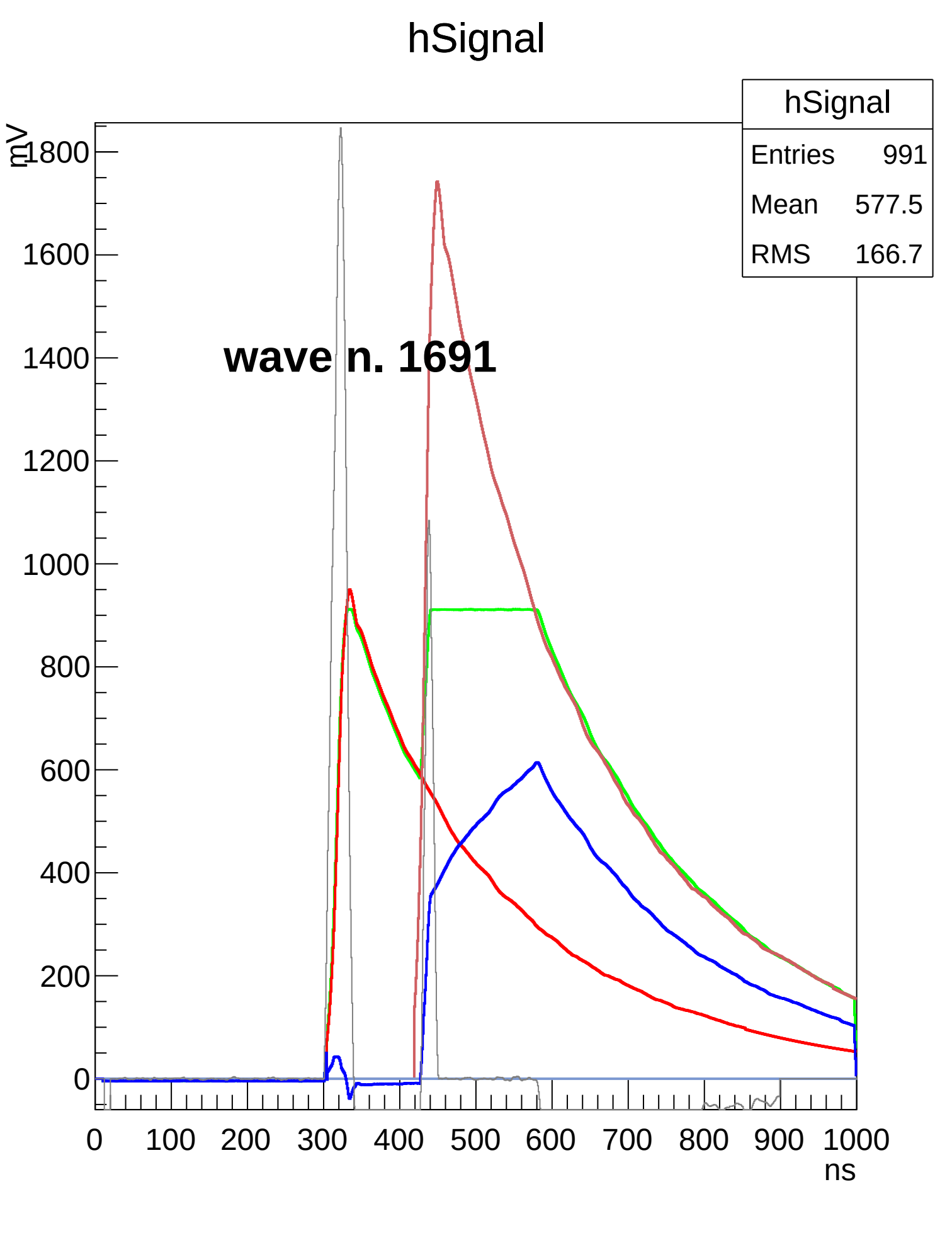
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 577.5
RMS 166.7
wave n. 1691
mV
1800
1600
1400
1200
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400
200
0
0
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400
500
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800
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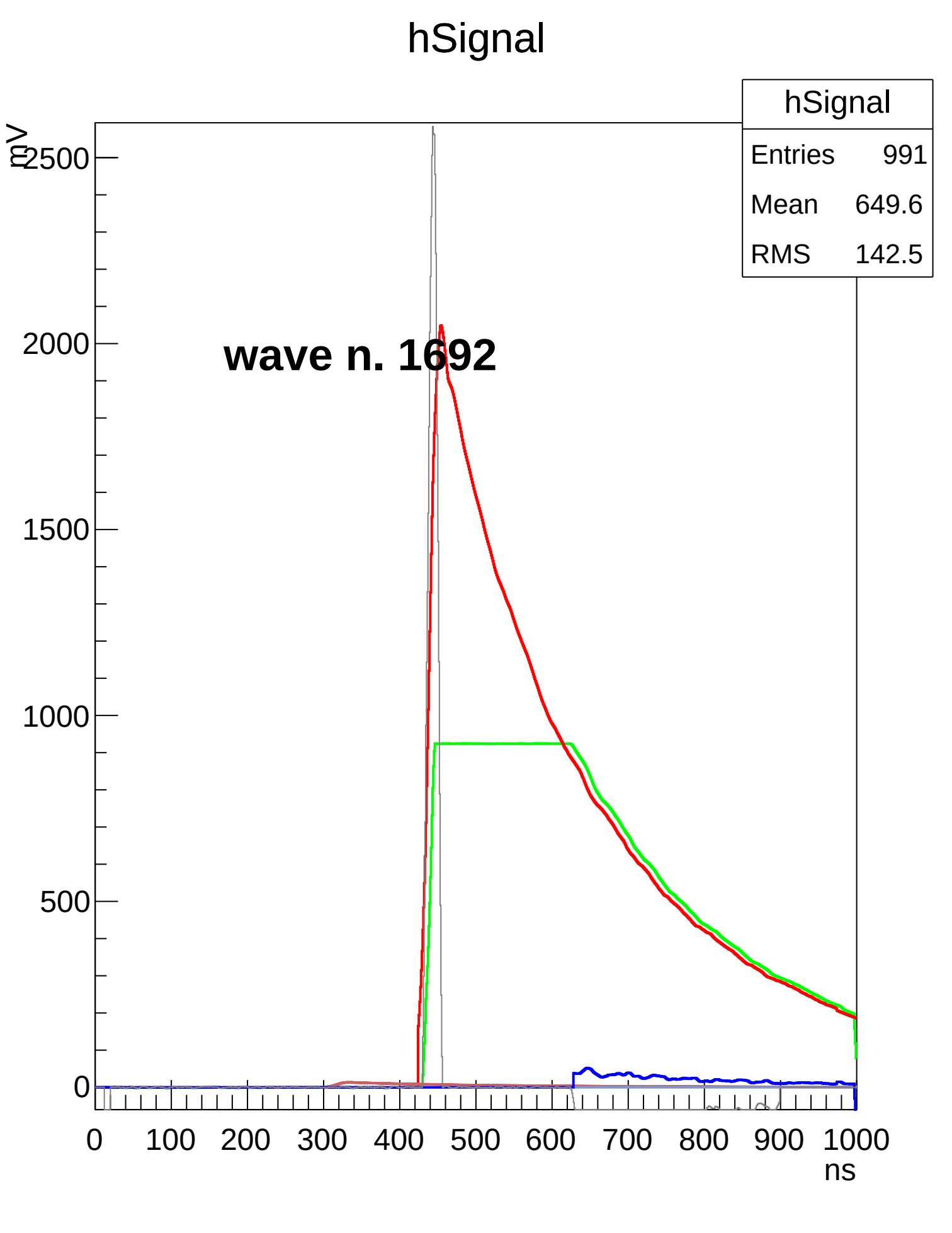
1000
ns


hSignal
hSignal
Entries 991
Mean 649.6
RMS 142.5
wave n. 1692
mV
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1500
1000
500
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400
500
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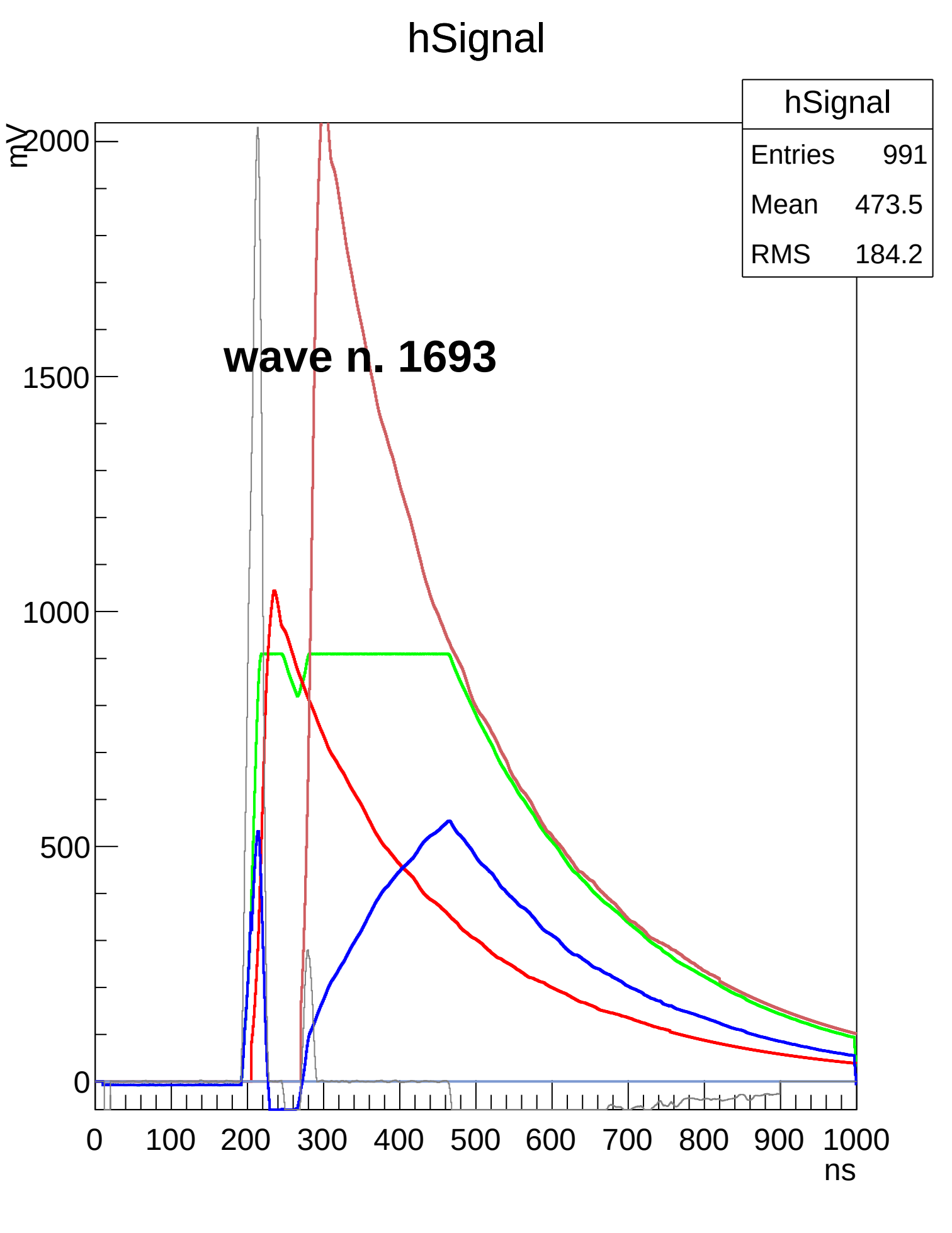
1000
ns


hSignal
hSignal
Entries 991
Mean 473.5
RMS 184.2
wave n. 1693
mV
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1500
1000
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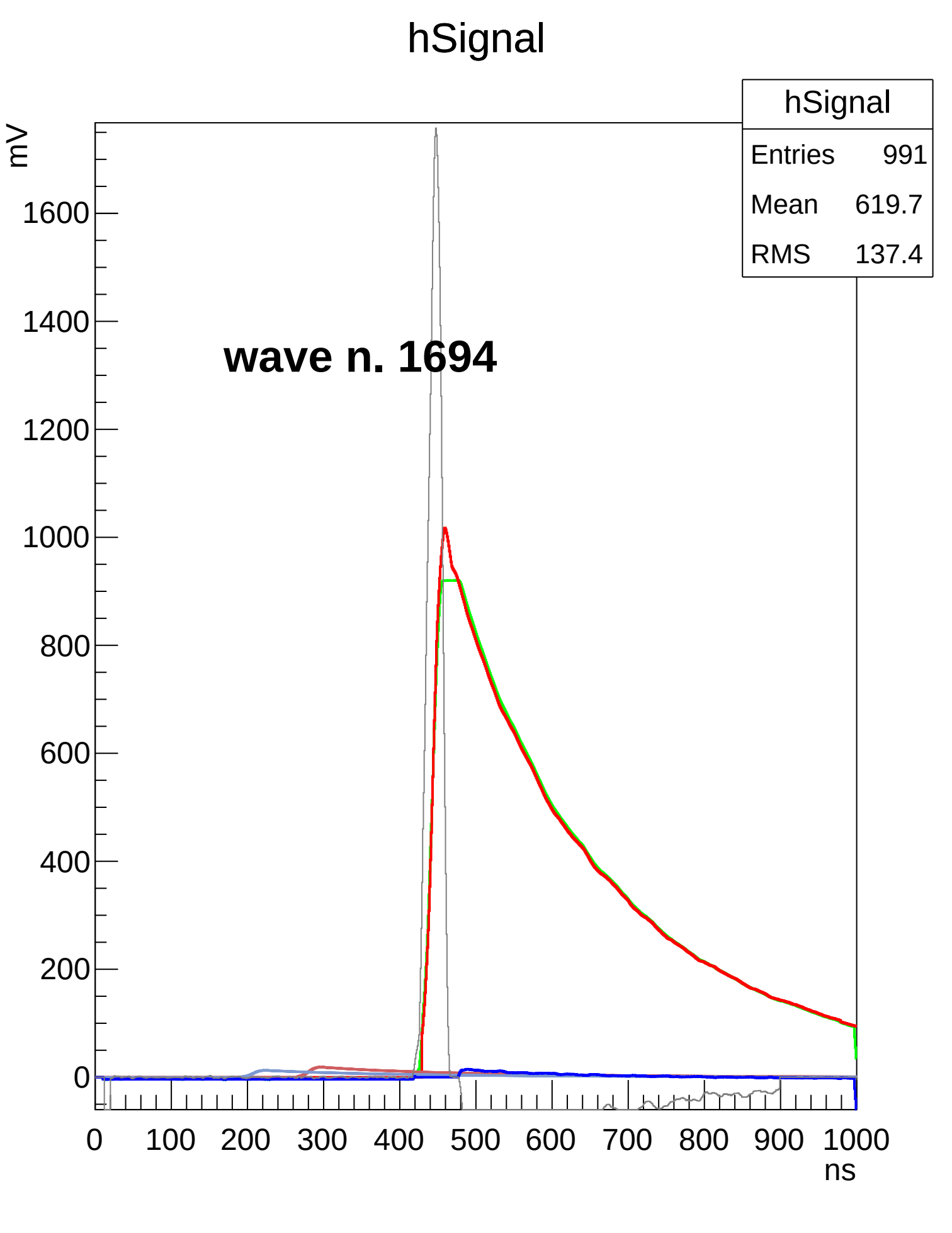
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 619.7
RMS 137.4
wave n. 1694
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
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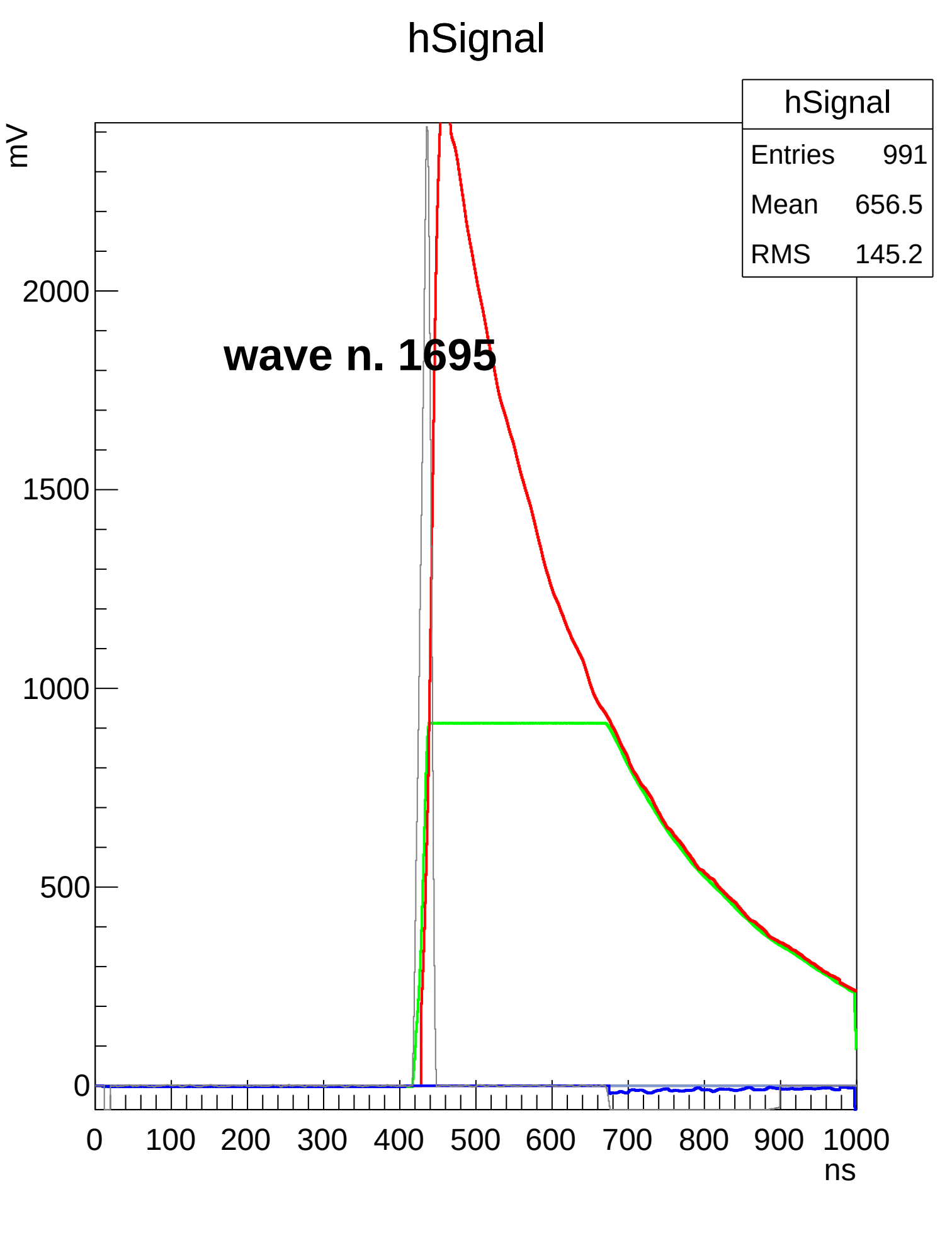
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hSignal
Entries 991
Mean 656.5
RMS 145.2
wave n. 1695
mV
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1000
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400
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800
900
1000
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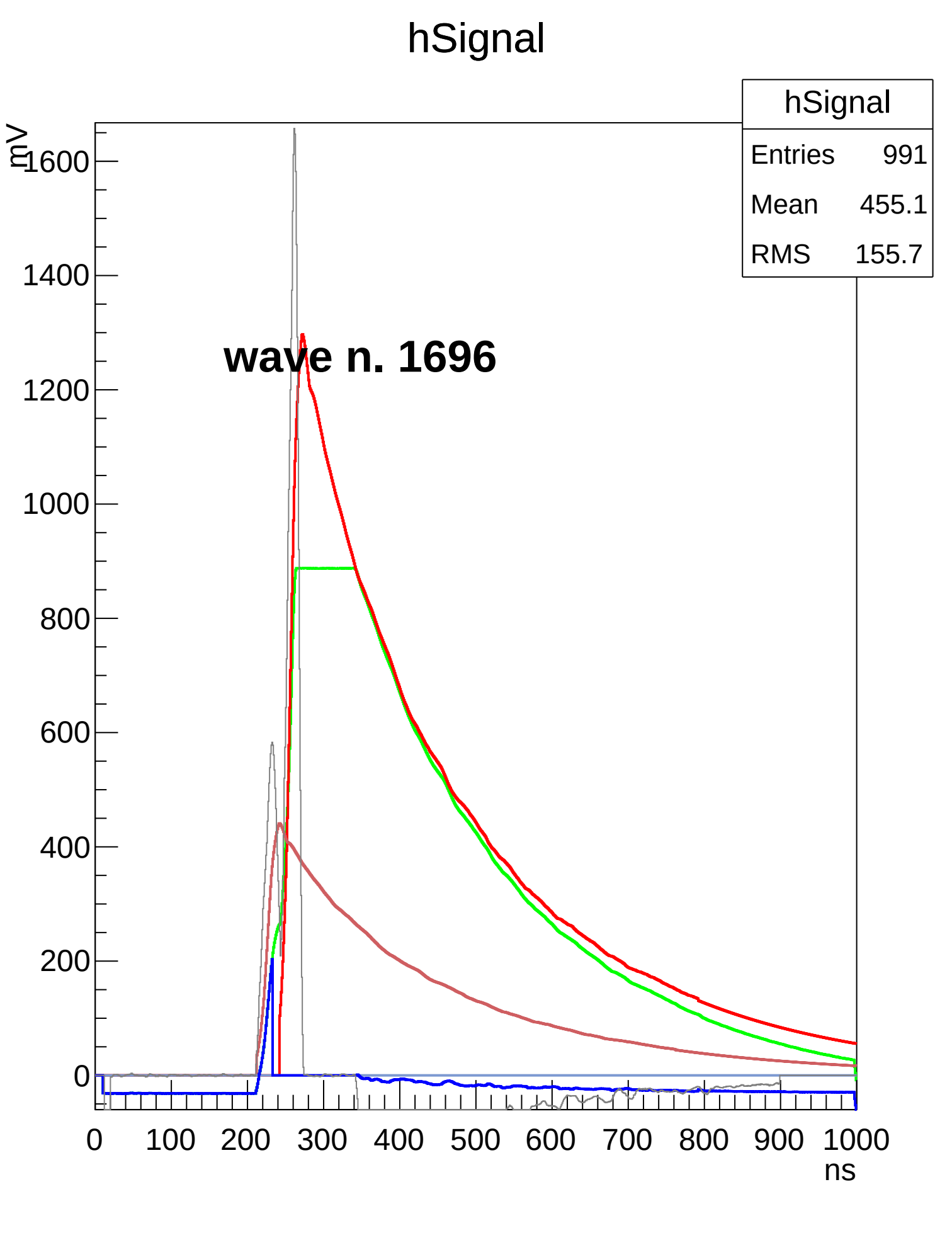
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Entries 991
Mean 455.1
RMS 155.7
wave n. 1696
mV
1600
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1000
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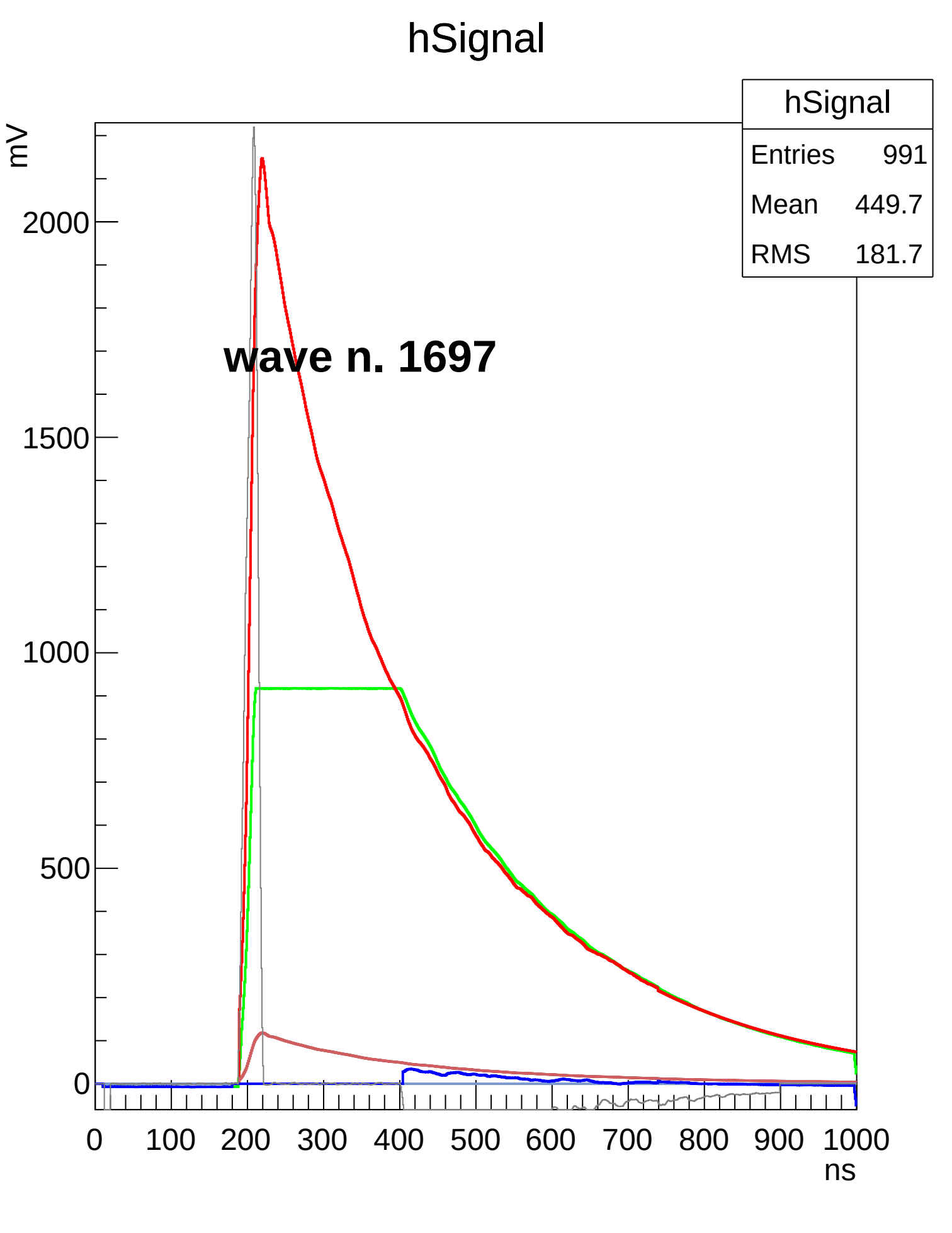
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Mean 449.7
RMS 181.7
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1000
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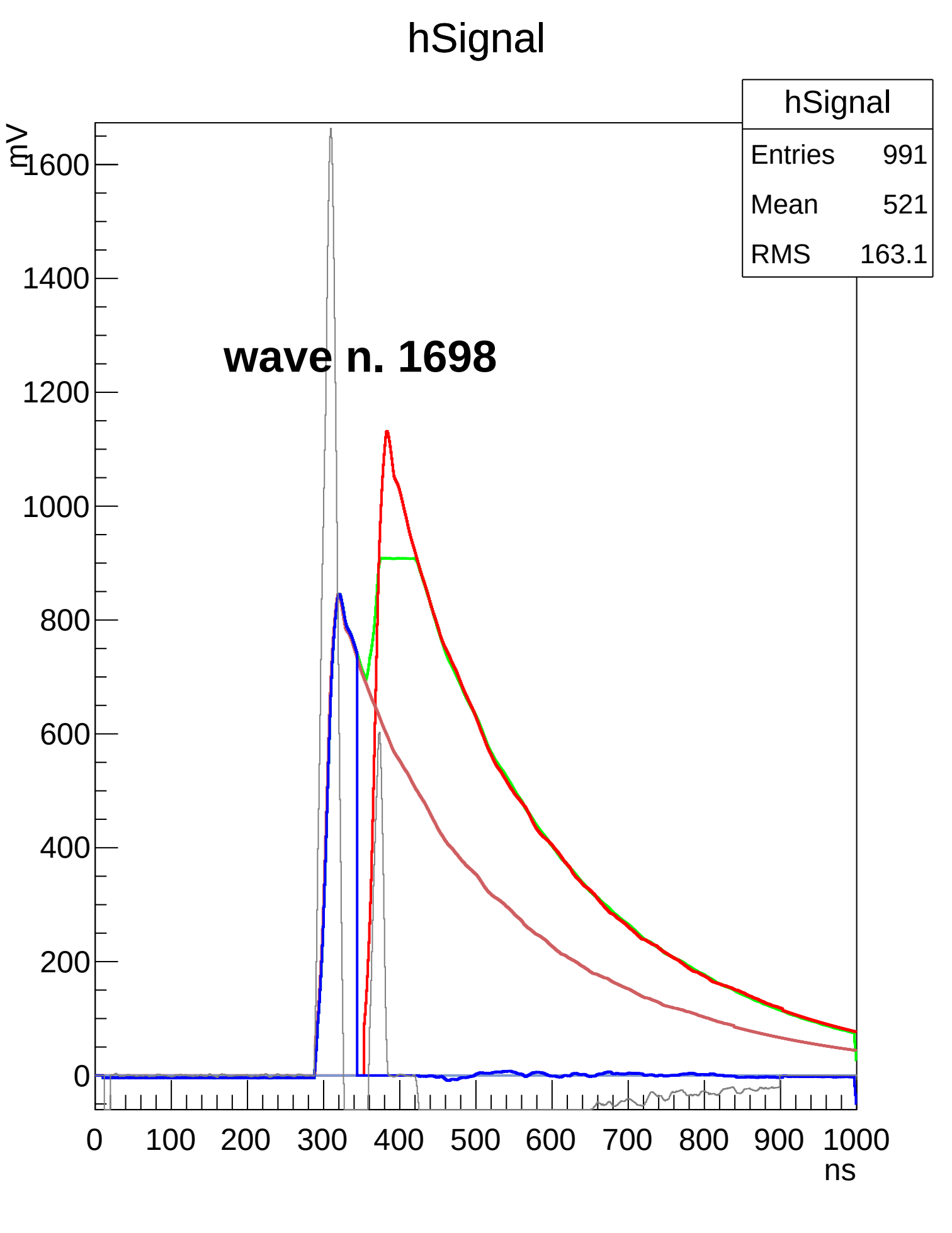
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Mean 521
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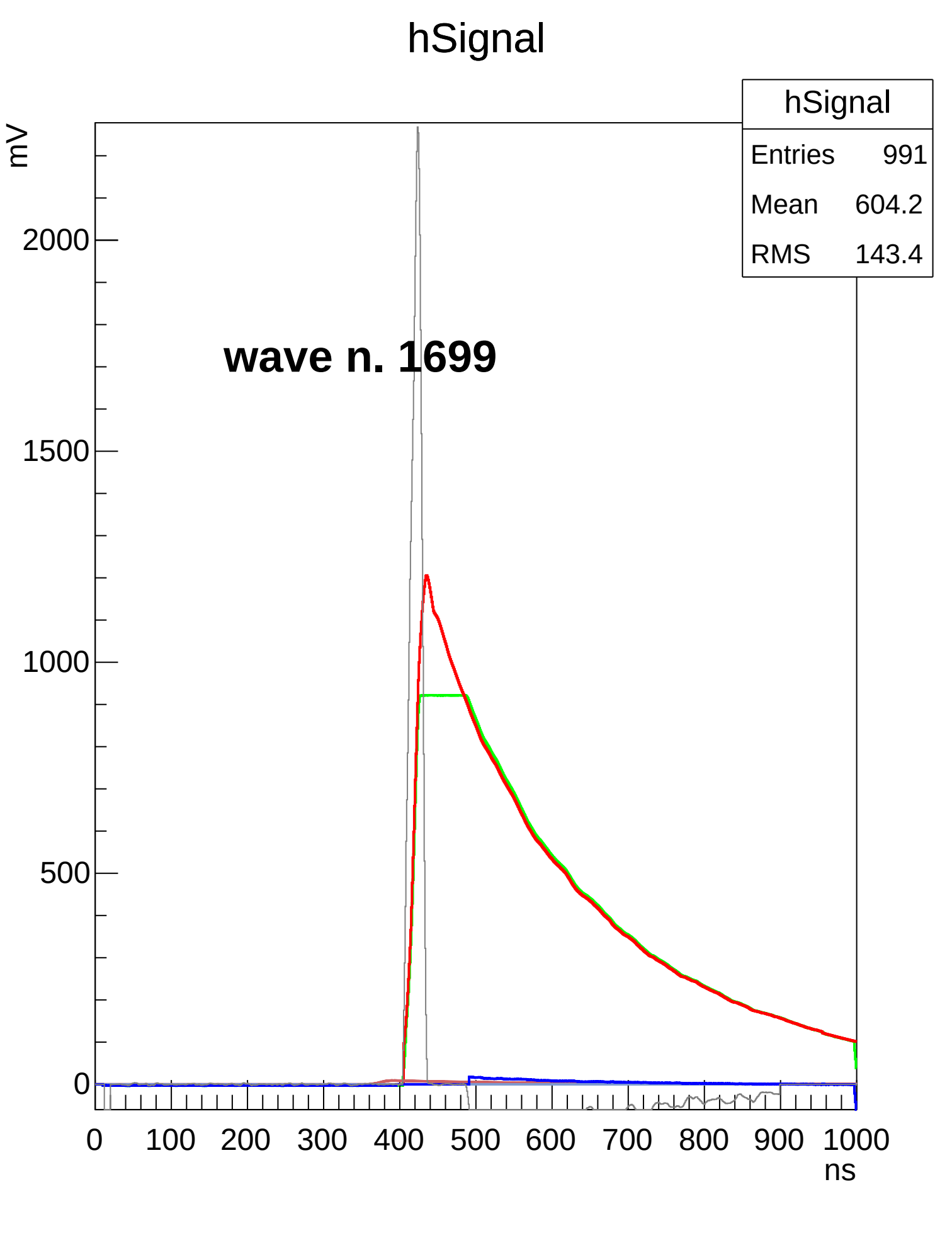
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hSignal
Entries 991
Mean 604.2
RMS 143.4
wave n. 1699
mV
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1000
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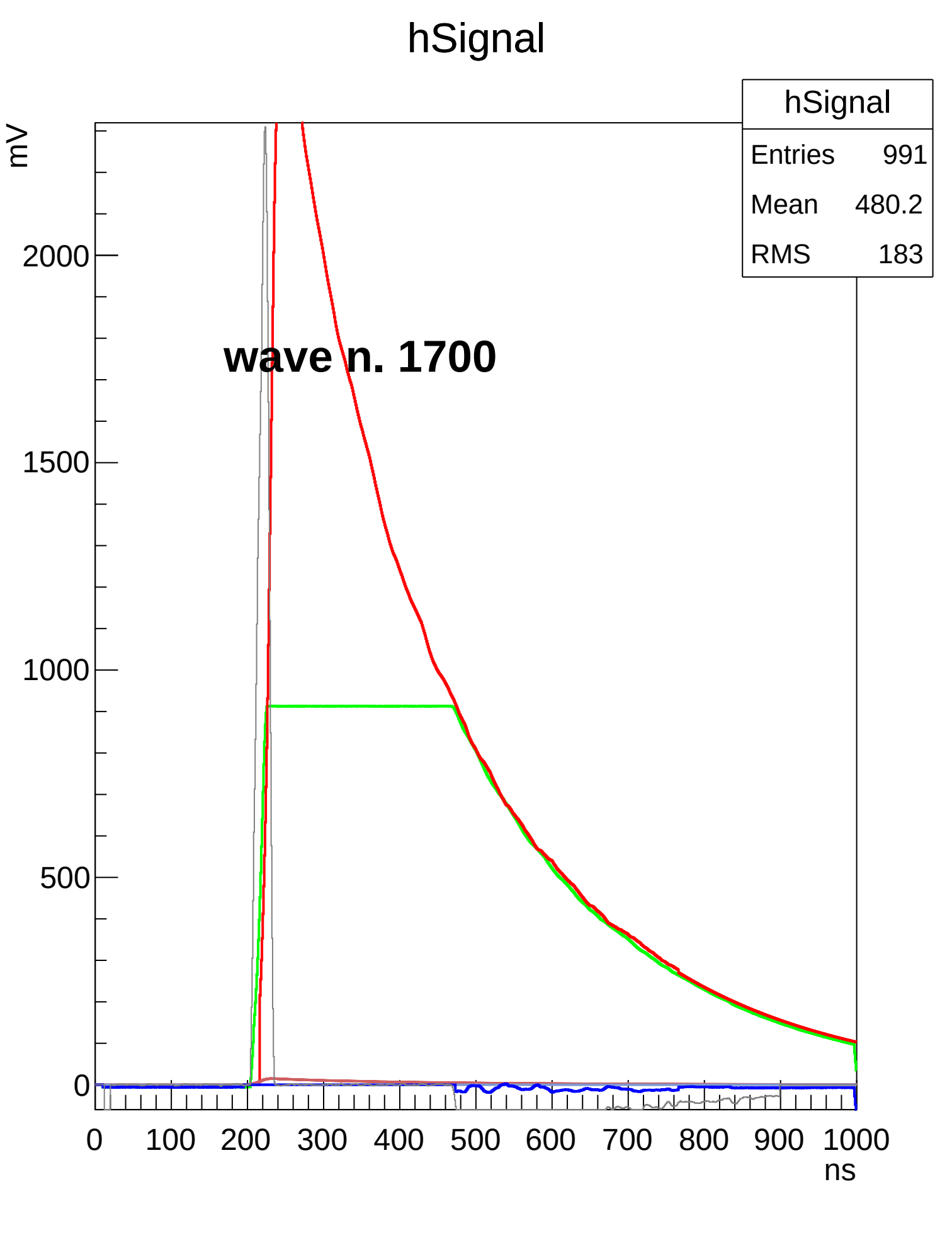
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Mean 480.2
RMS 183
wave n. 1700
mV
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500
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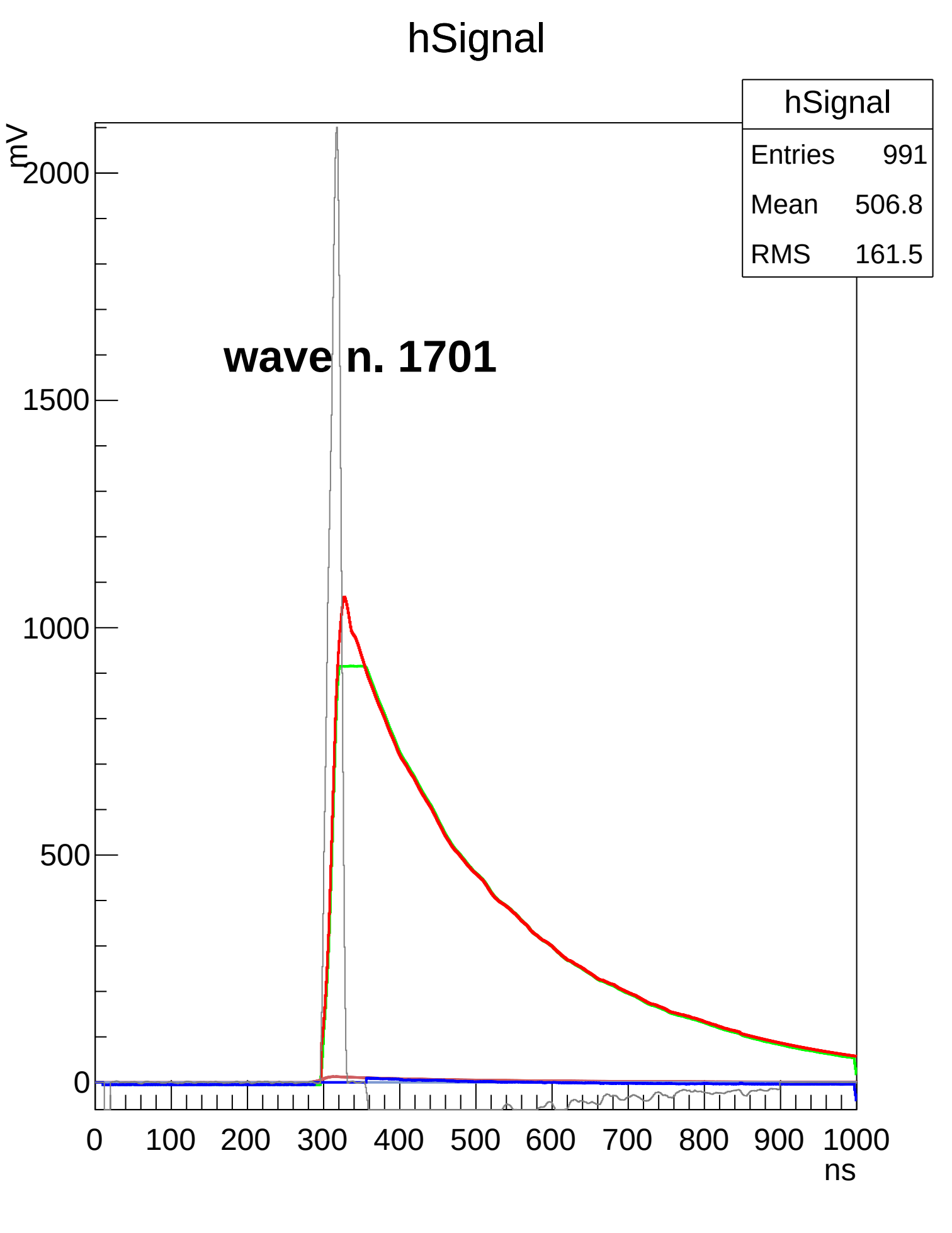
ns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hSignal
Entries 991
Mean 506.8
RMS 161.5
wave n. 1701
mV
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0
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1000
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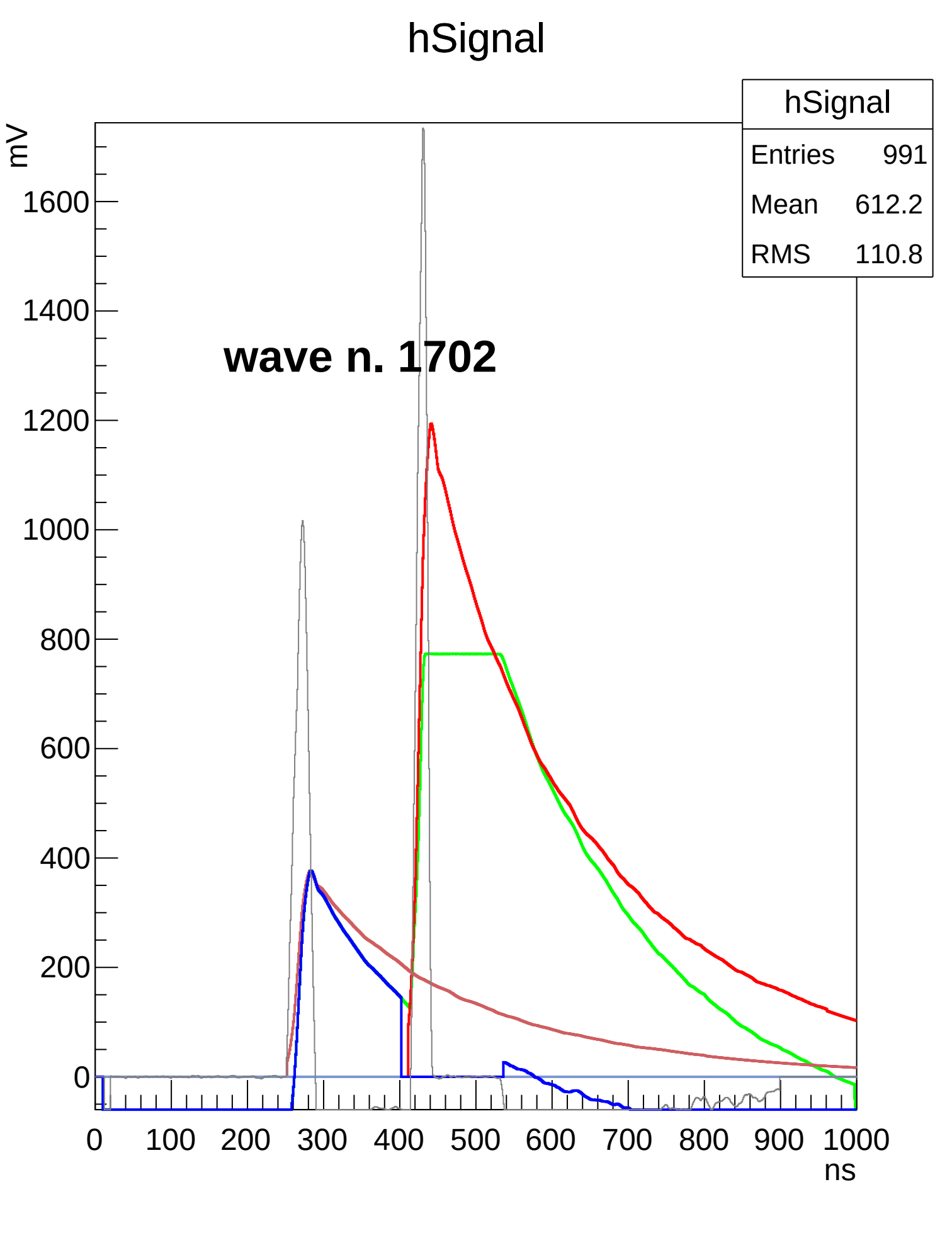
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Entries 991
Mean 612.2
RMS 110.8
wave n. 1702
mV
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1200
1000
800
600
400
200
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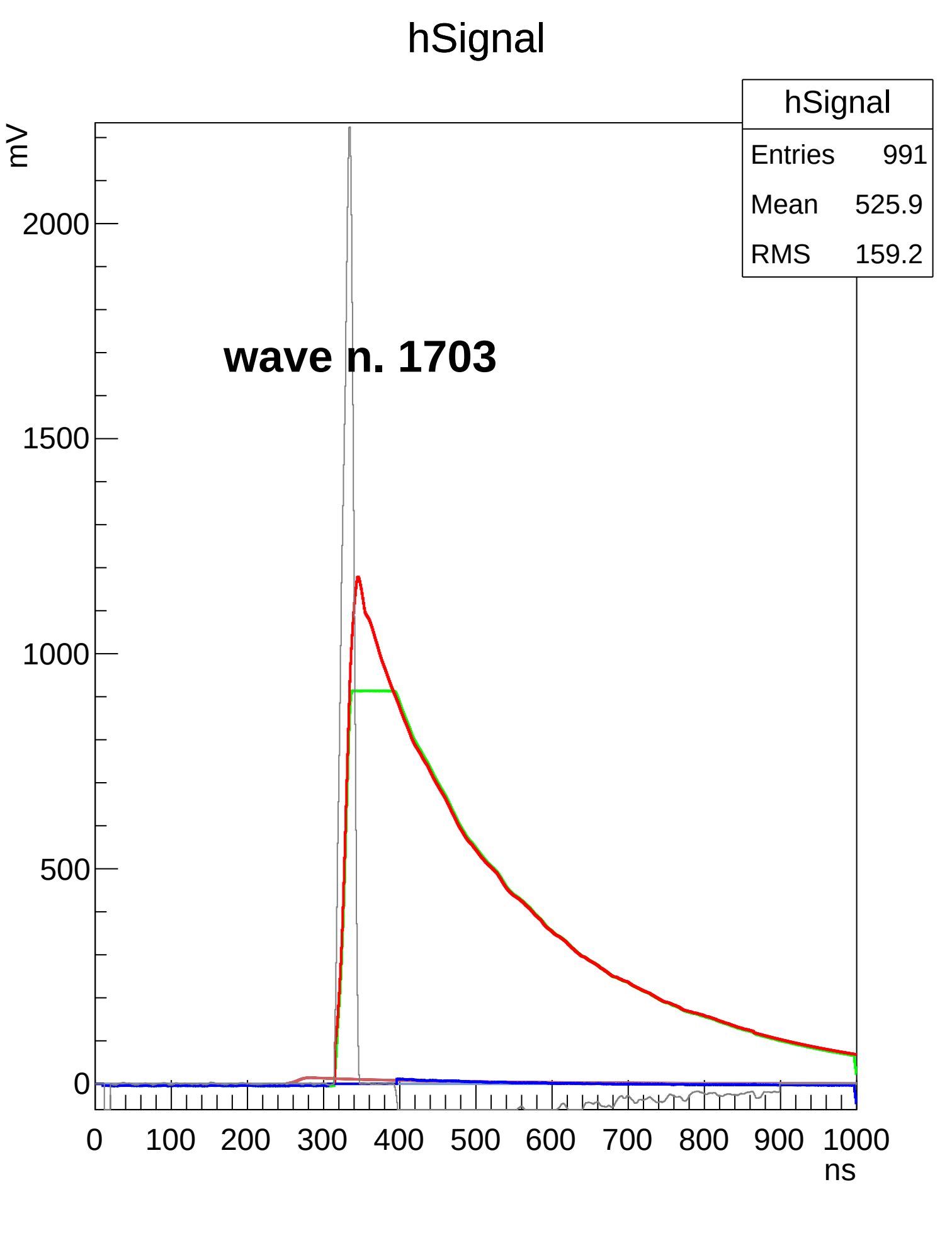
ns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Mean 525.9
RMS 159.2
wave n. 1703
mV
2000
1500
1000
500
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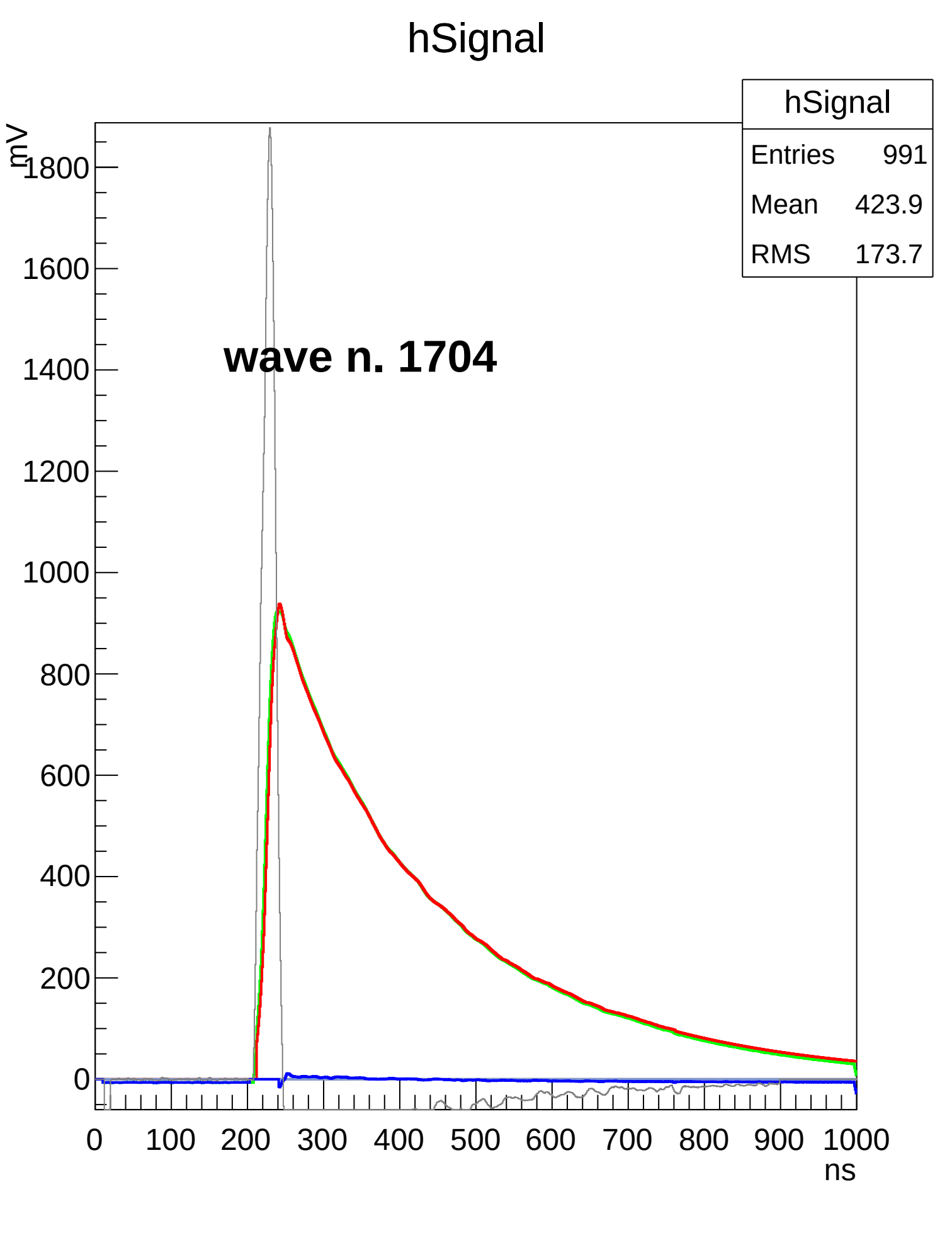
ns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hSignal
Entries 991
Mean 423.9
RMS 173.7
wave n. 1704
mV
1800
1600
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600
400
200
0
0
100
200
300
400
500
600
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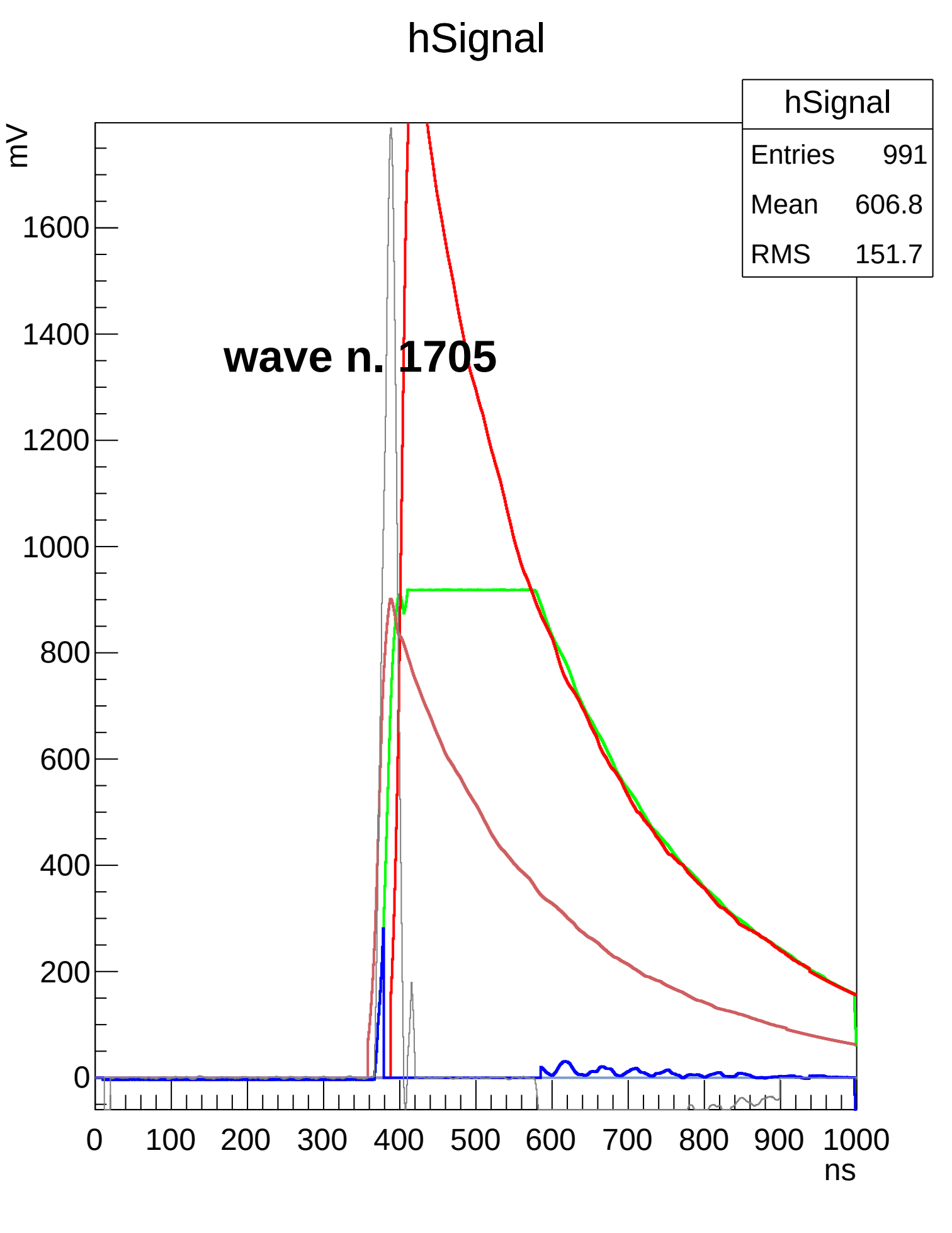
800
900
1000
ns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hSignal
Entries 991
Mean 606.8
RMS 151.7
wave n. 1705
mV
1600
1400
1200
1000
800
600
400
200
0
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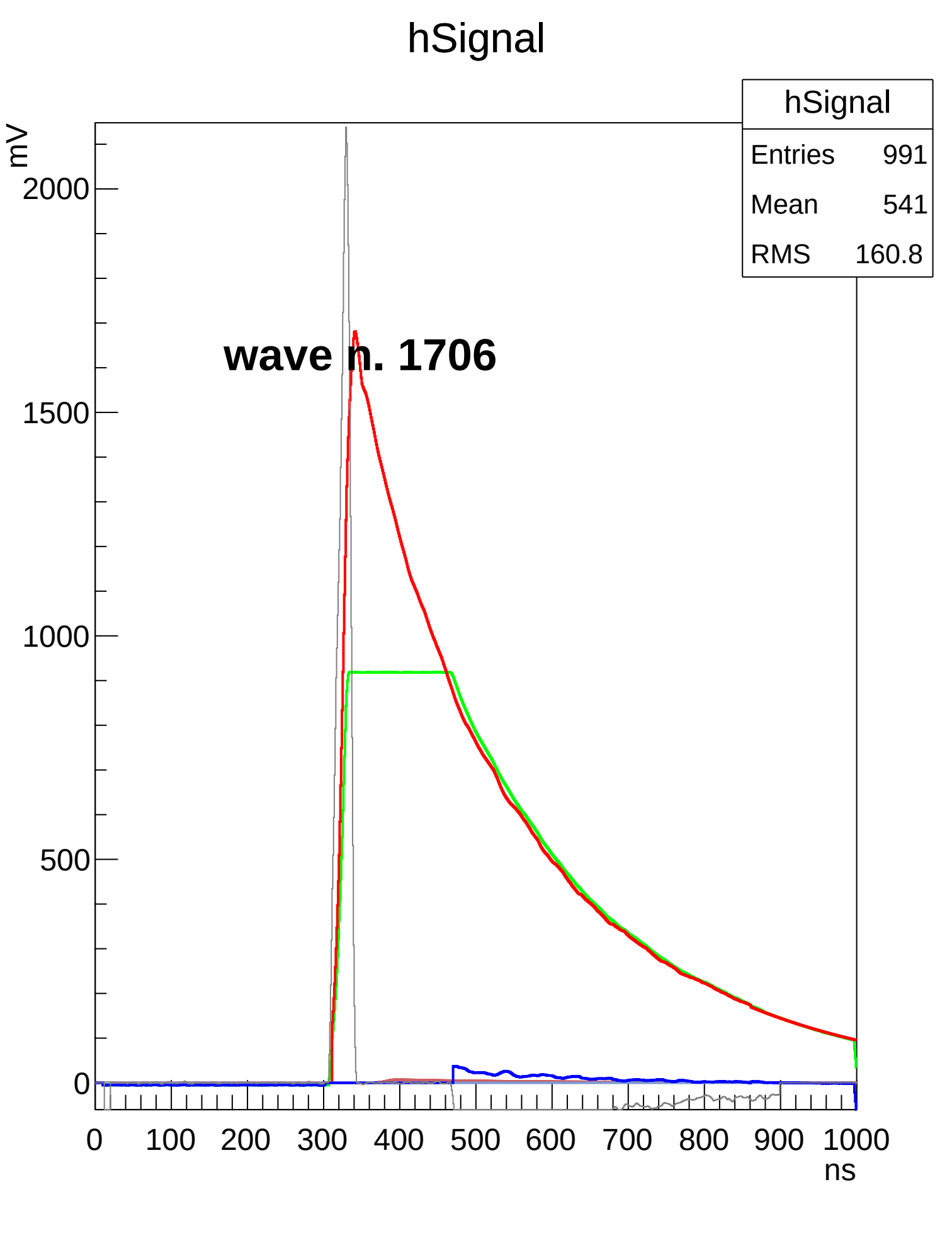
ns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Mean 541
RMS 160.8
wave n. 1706
mV
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1500
1000
500
0
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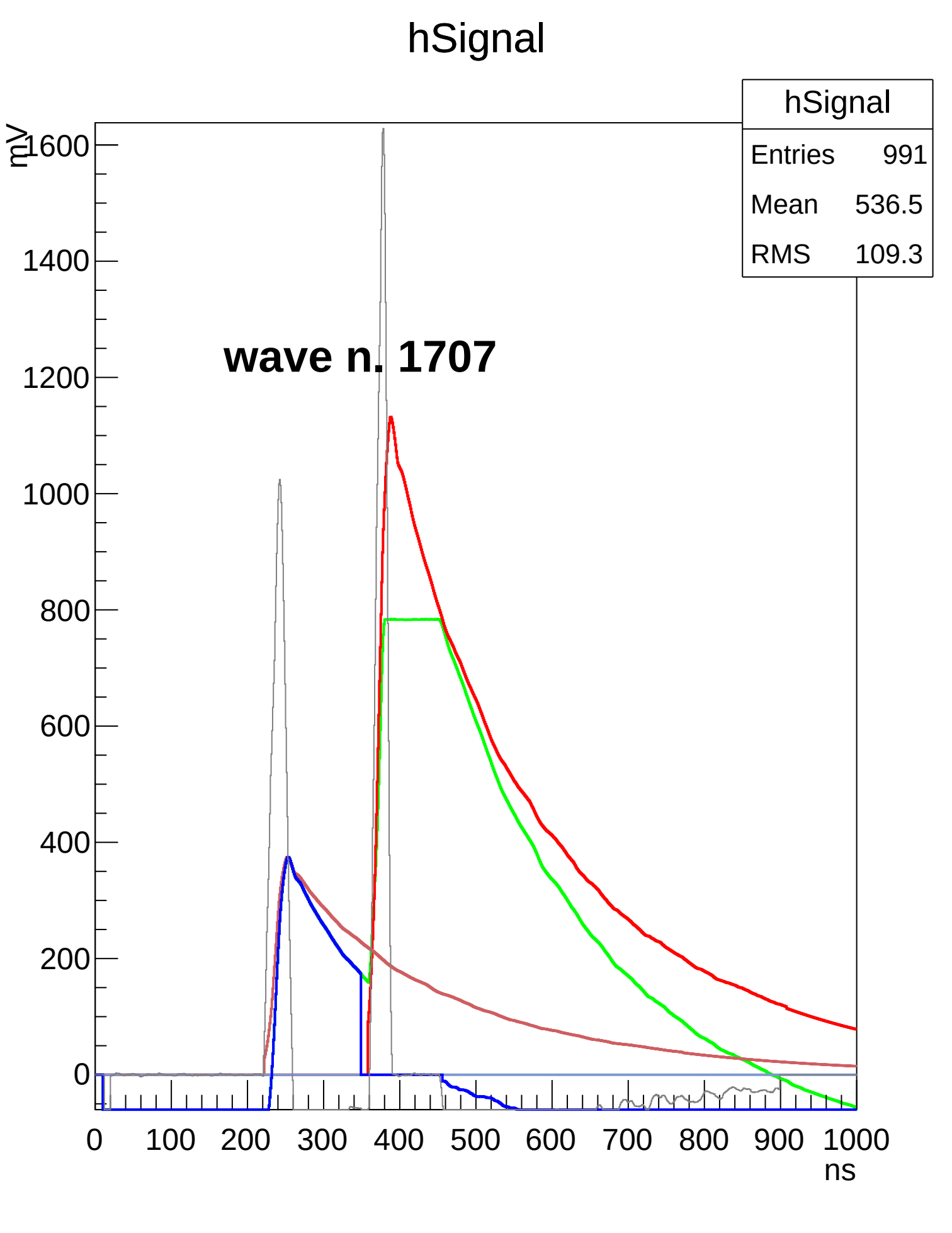
ns


hSignal
hSignal
Entries 991
Mean 536.5
RMS 109.3
wave n. 1707
mV
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1400
1200
1000
800
600
400
200
0
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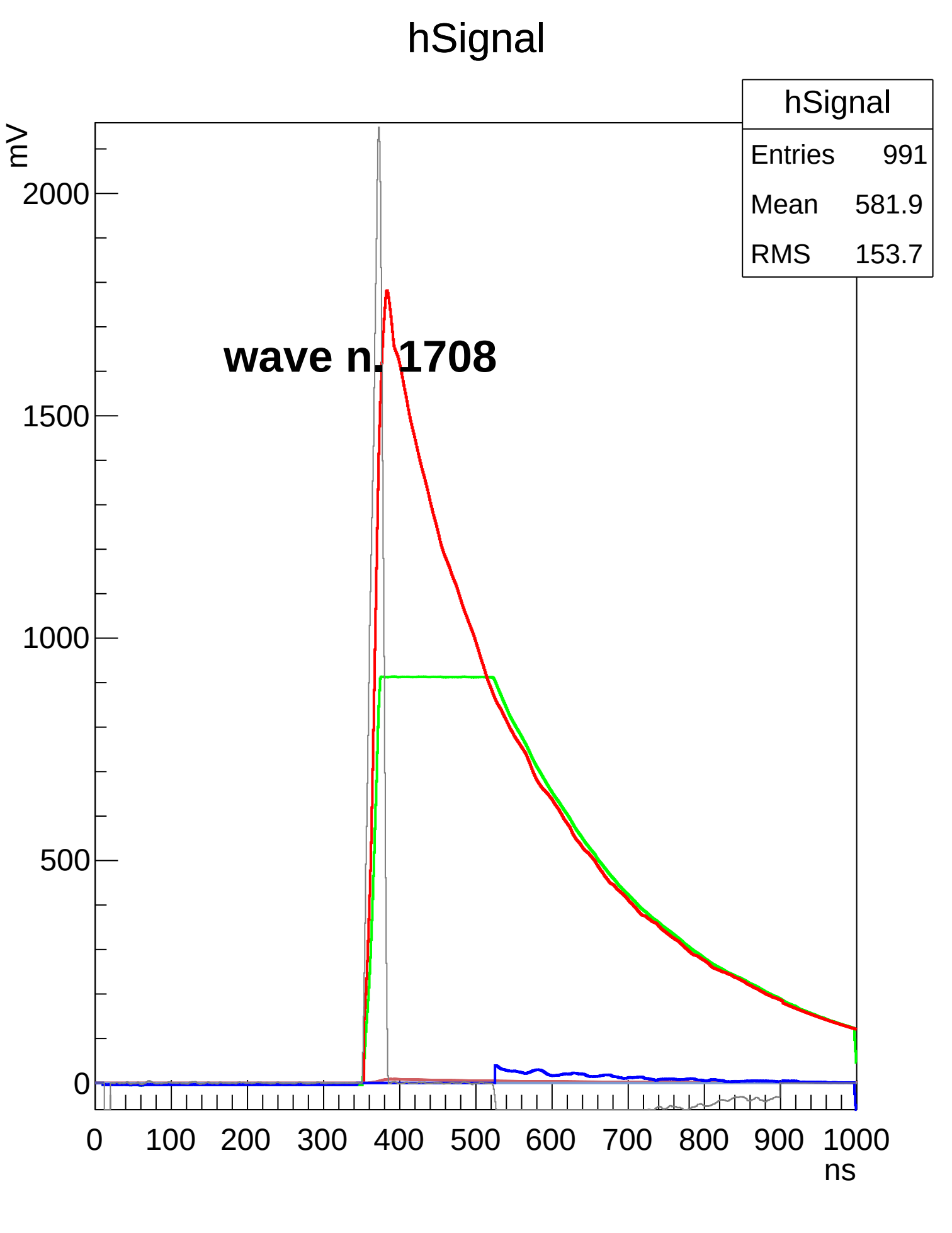
ns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Entries 991
Mean 581.9
RMS 153.7
wave n. 1708
mV
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1000
500
0
0
100
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800
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1000
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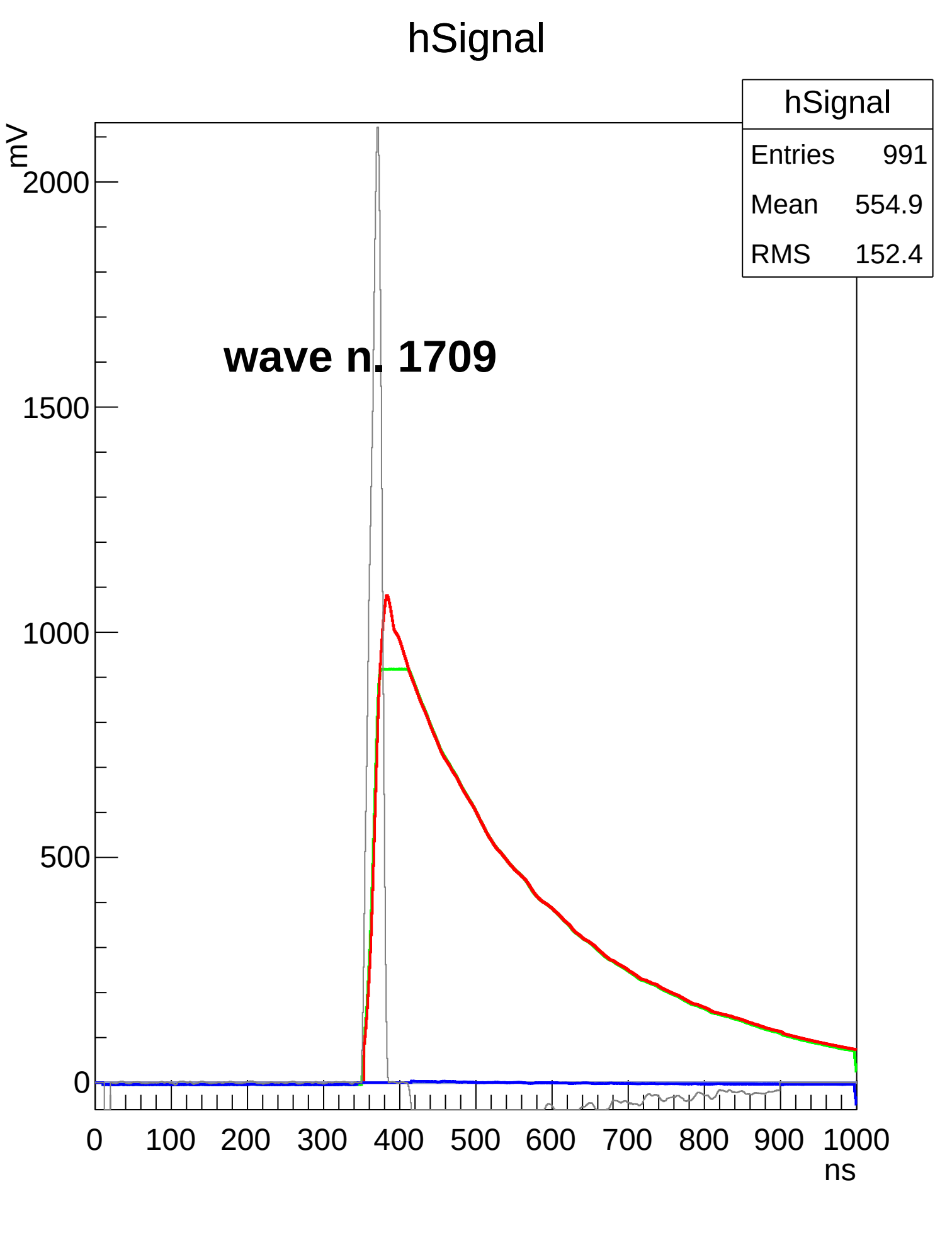
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Entries 991
Mean 554.9
RMS 152.4
wave n. 1709
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1000
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100
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1000
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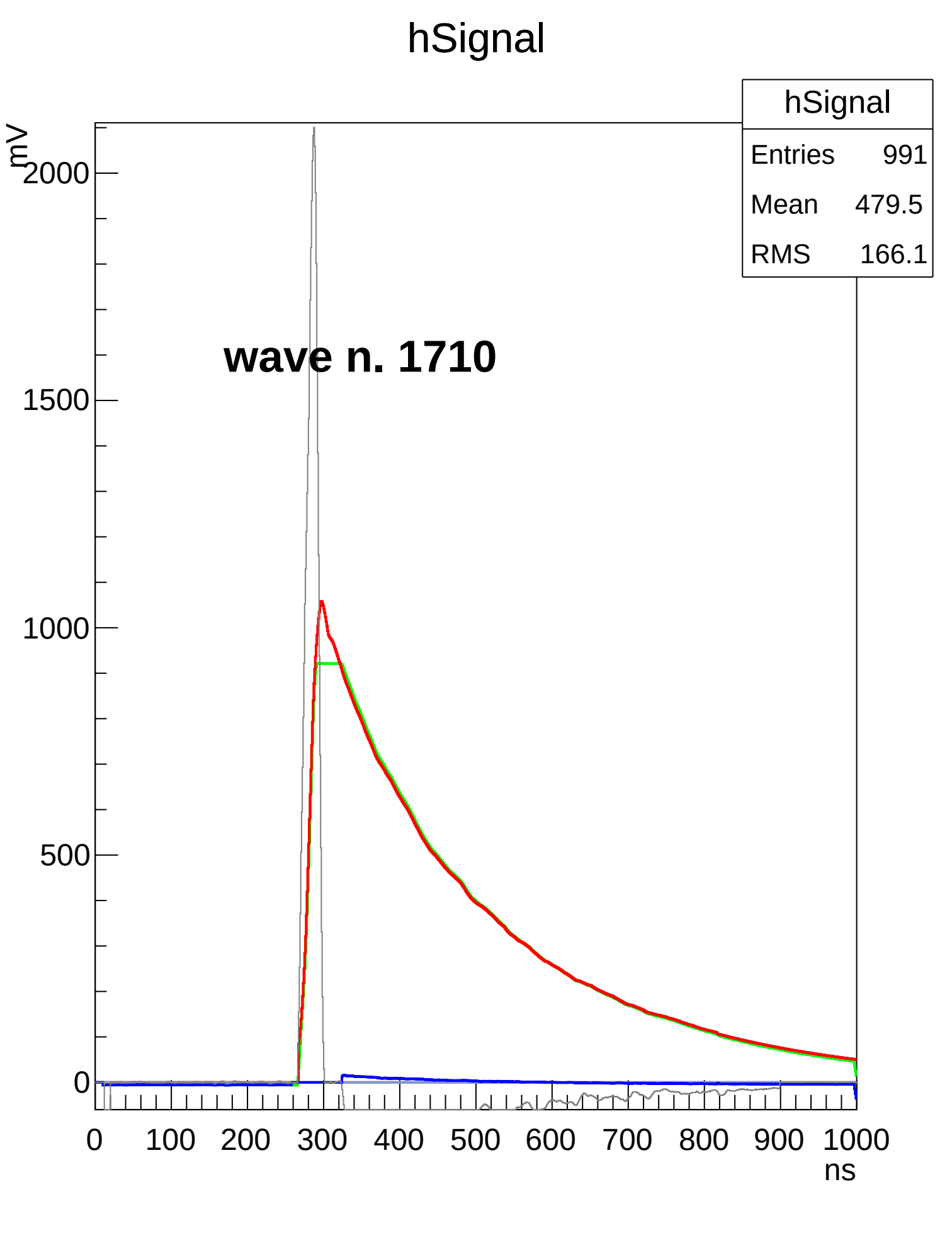
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Mean 479.5
RMS 166.1
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mV
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1000
500
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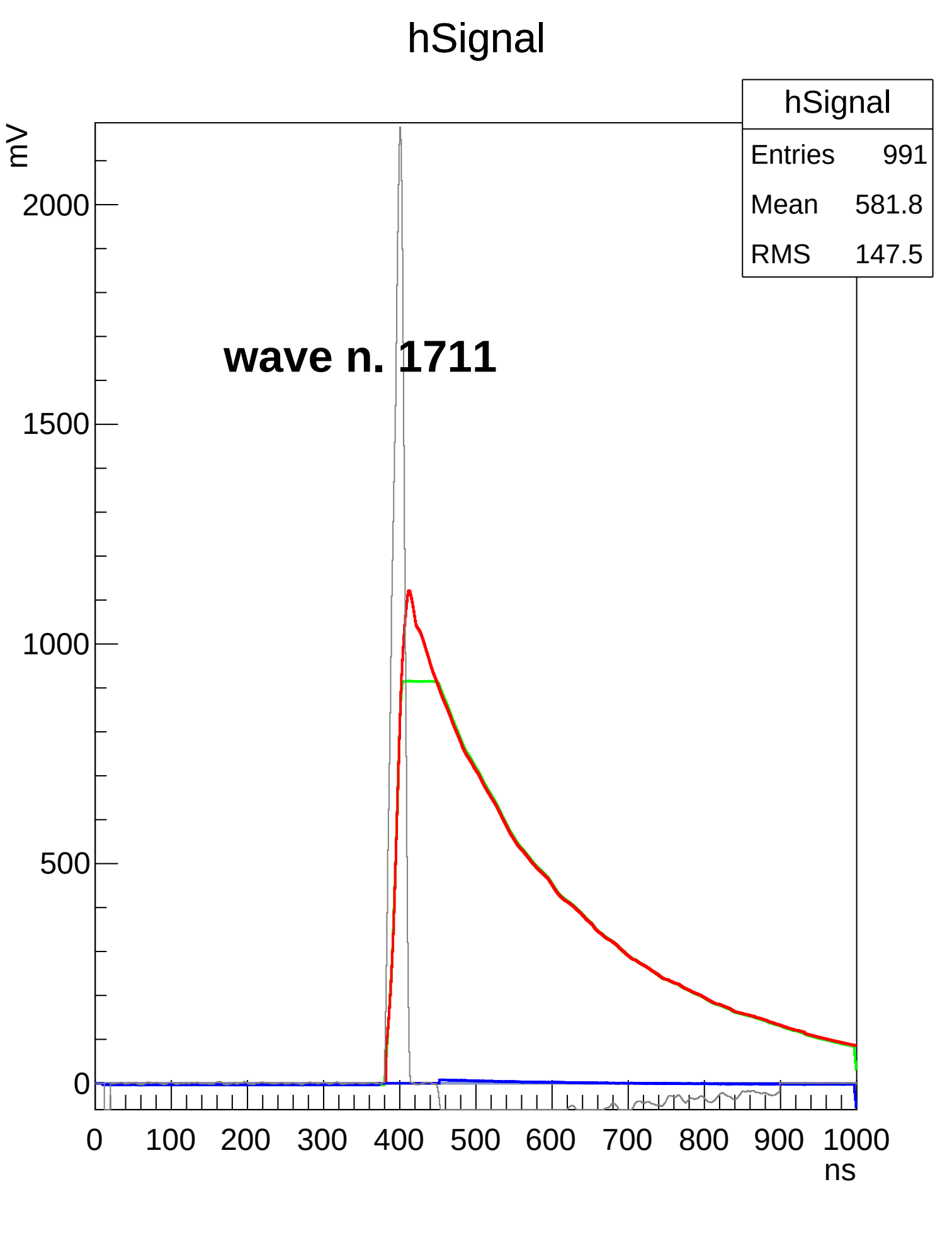
ns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Entries 991
Mean 581.8
RMS 147.5
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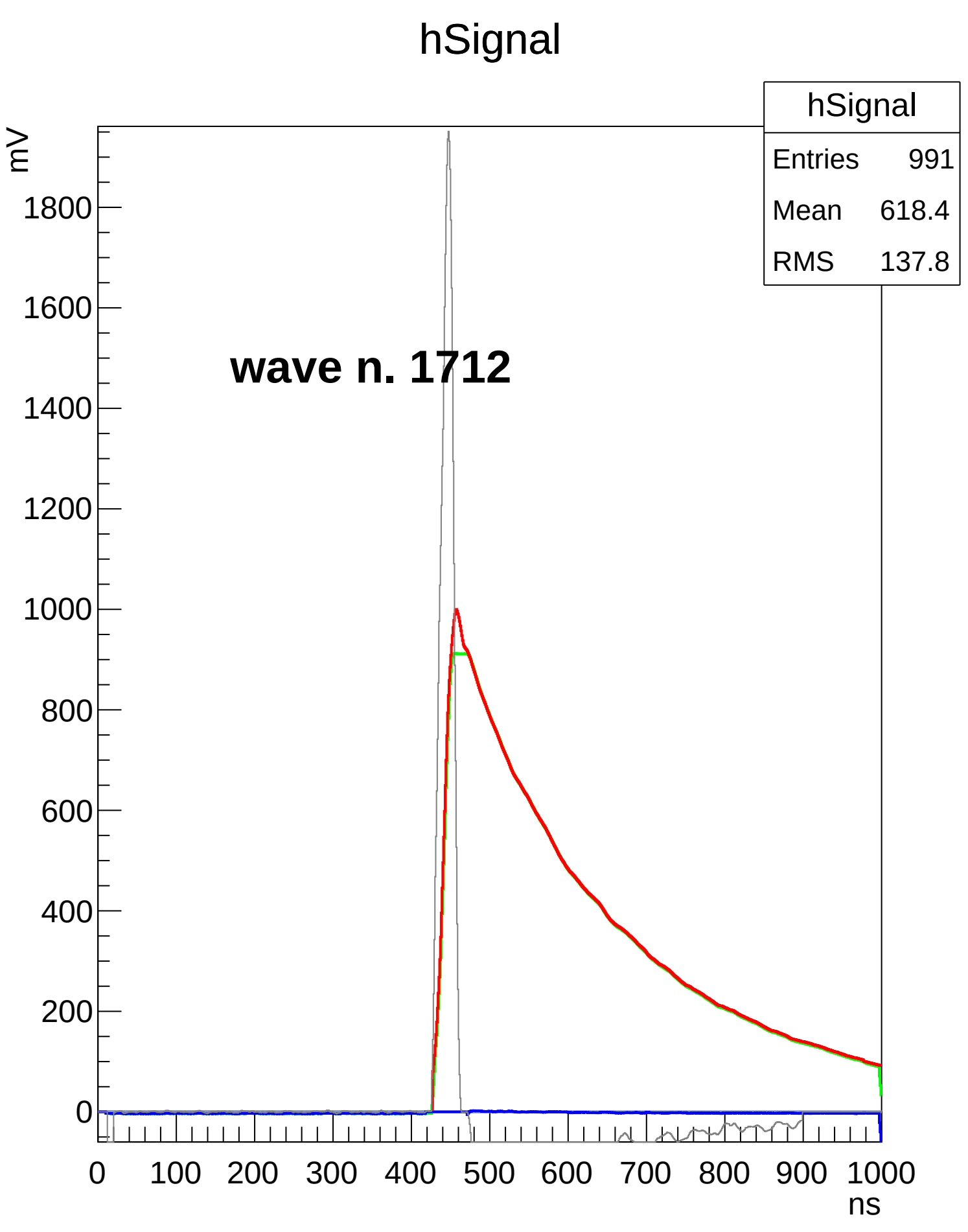
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hSignal
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Mean 618.4
RMS 137.8
wave n. 1712
mV
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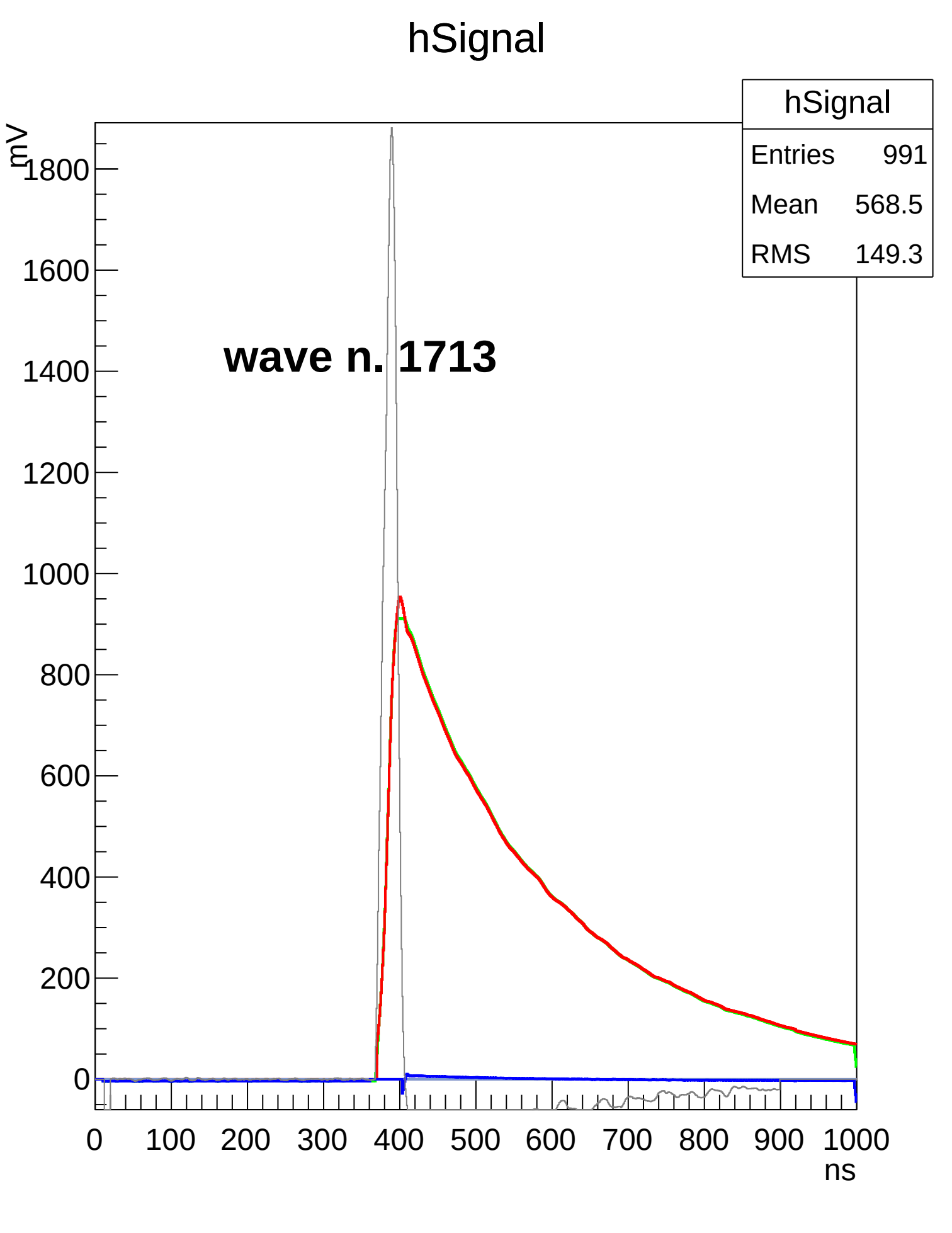
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Entries 991
Mean 568.5
RMS 149.3
wave n. 1713
mV
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1600
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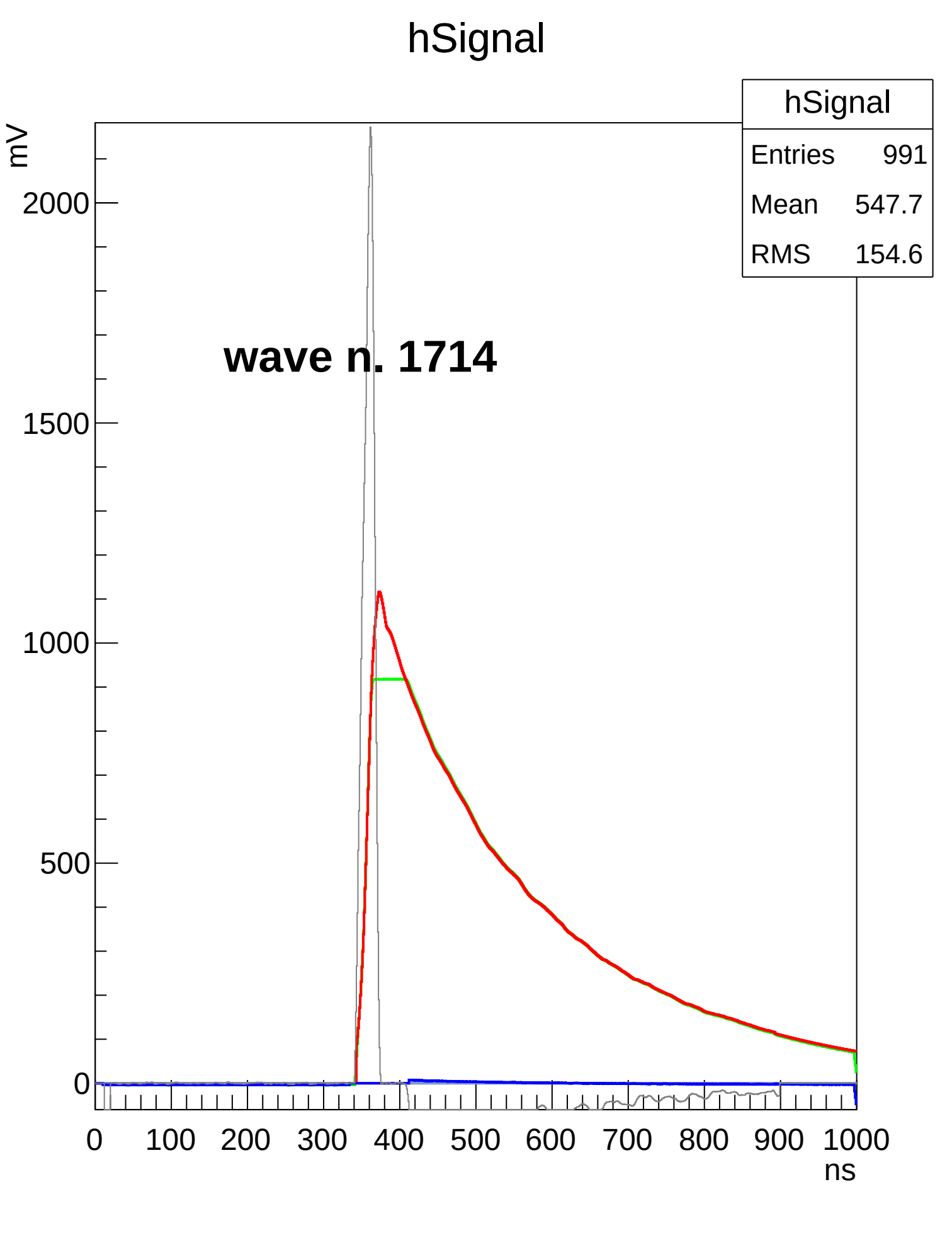
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Entries 991
Mean 547.7
RMS 154.6
wave n. 1714
mV
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1000
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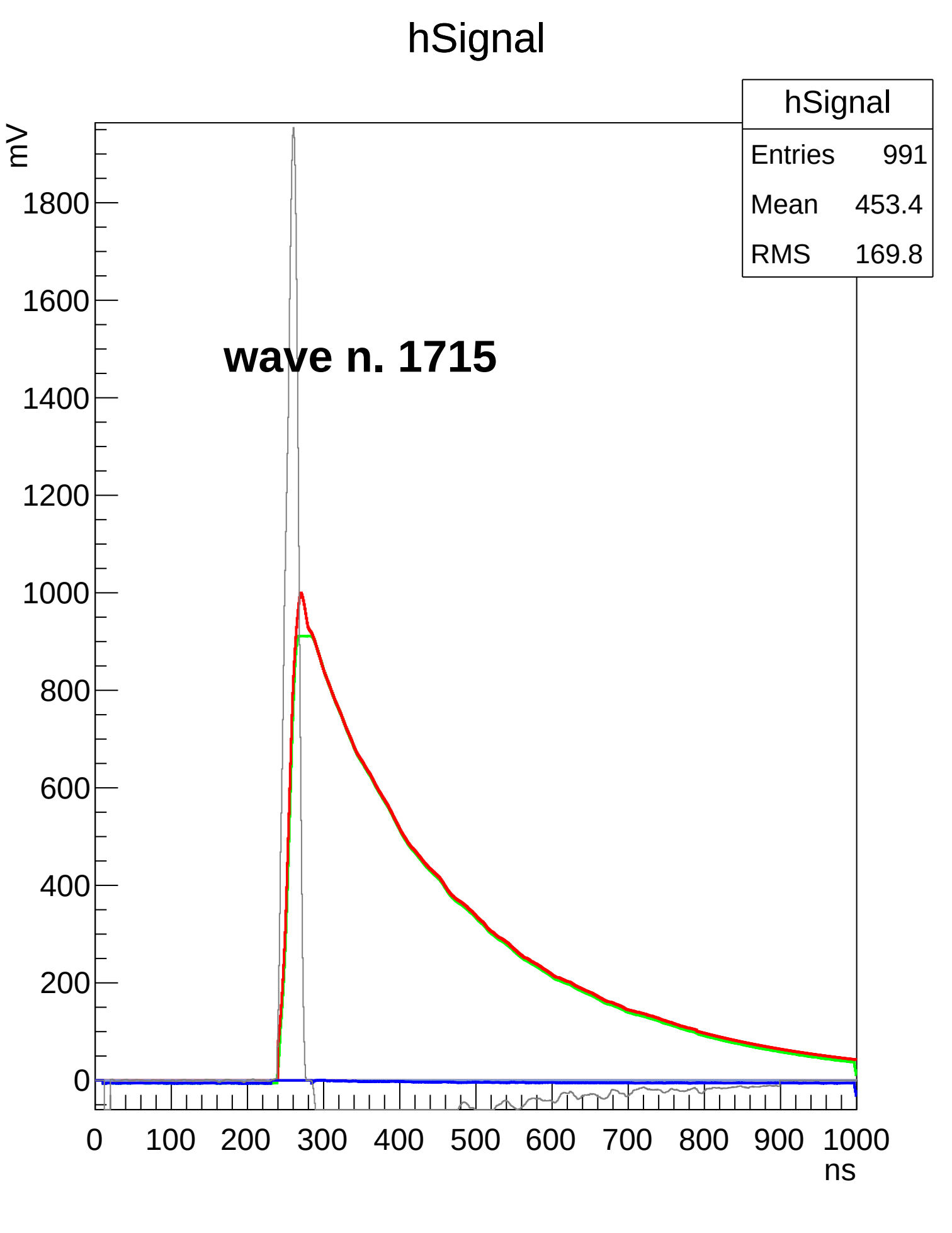
ns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Entries 991
Mean 453.4
RMS 169.8
wave n. 1715
mV
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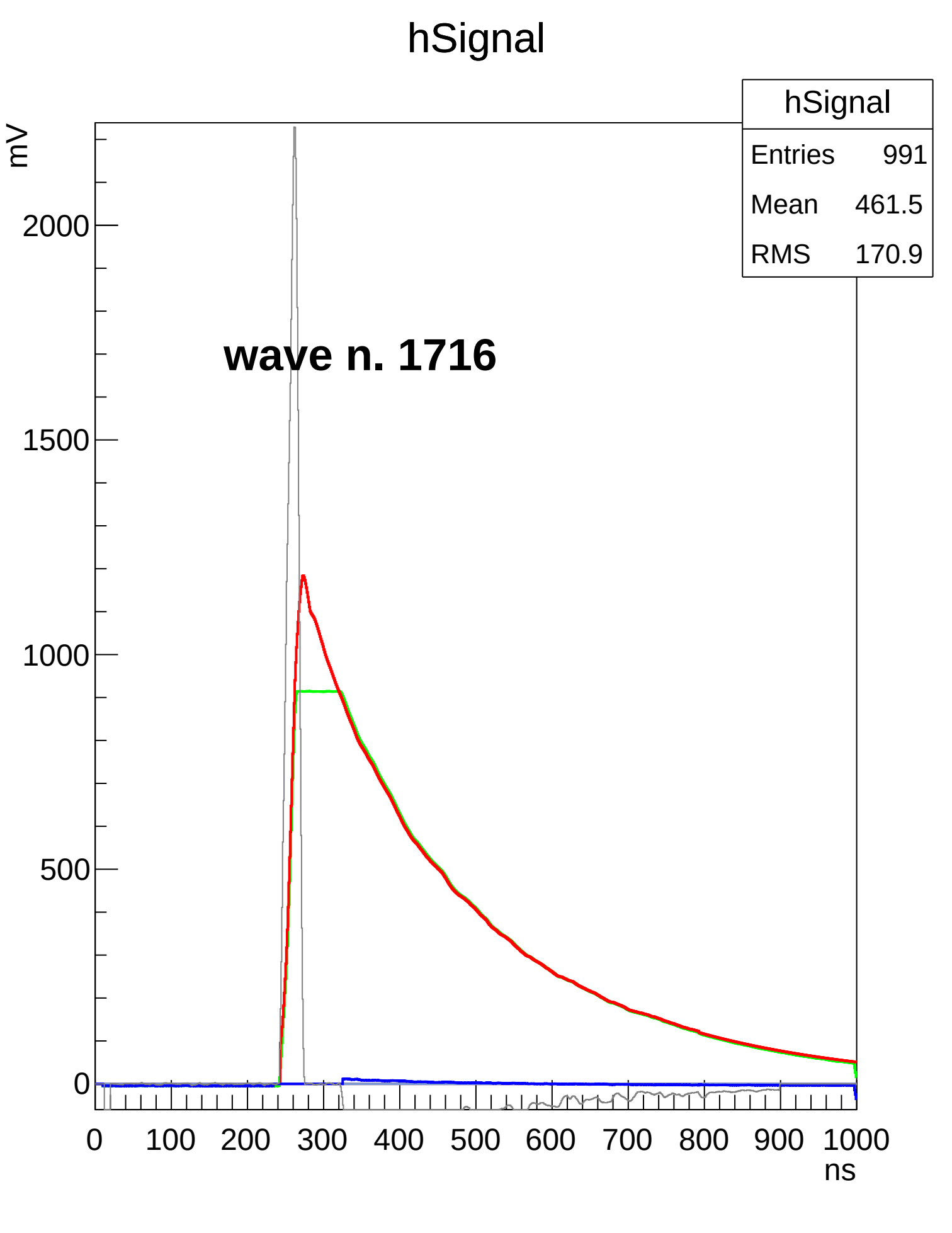
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Mean 461.5
RMS 170.9
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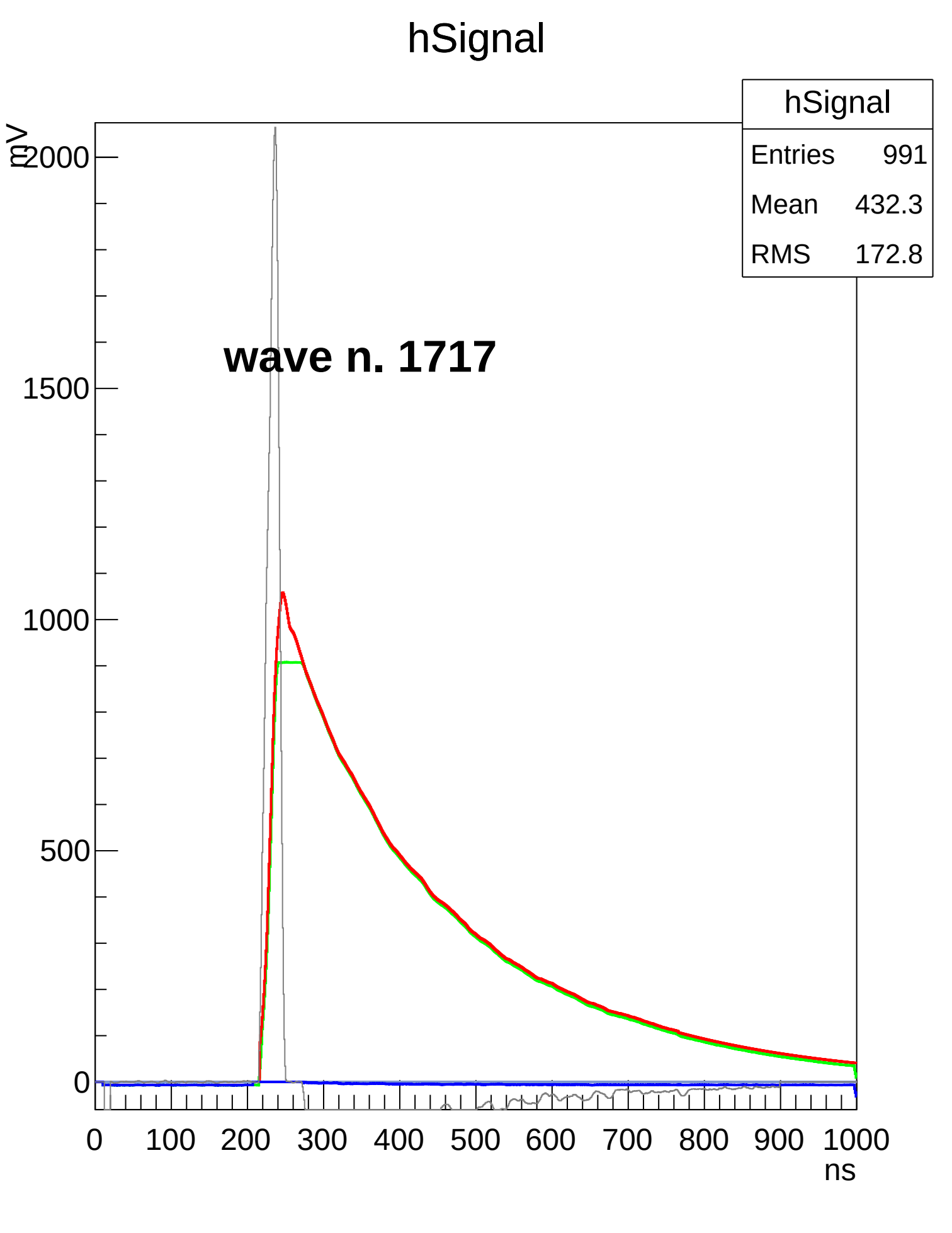
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Entries 991
Mean 432.3
RMS 172.8
wave n. 1717
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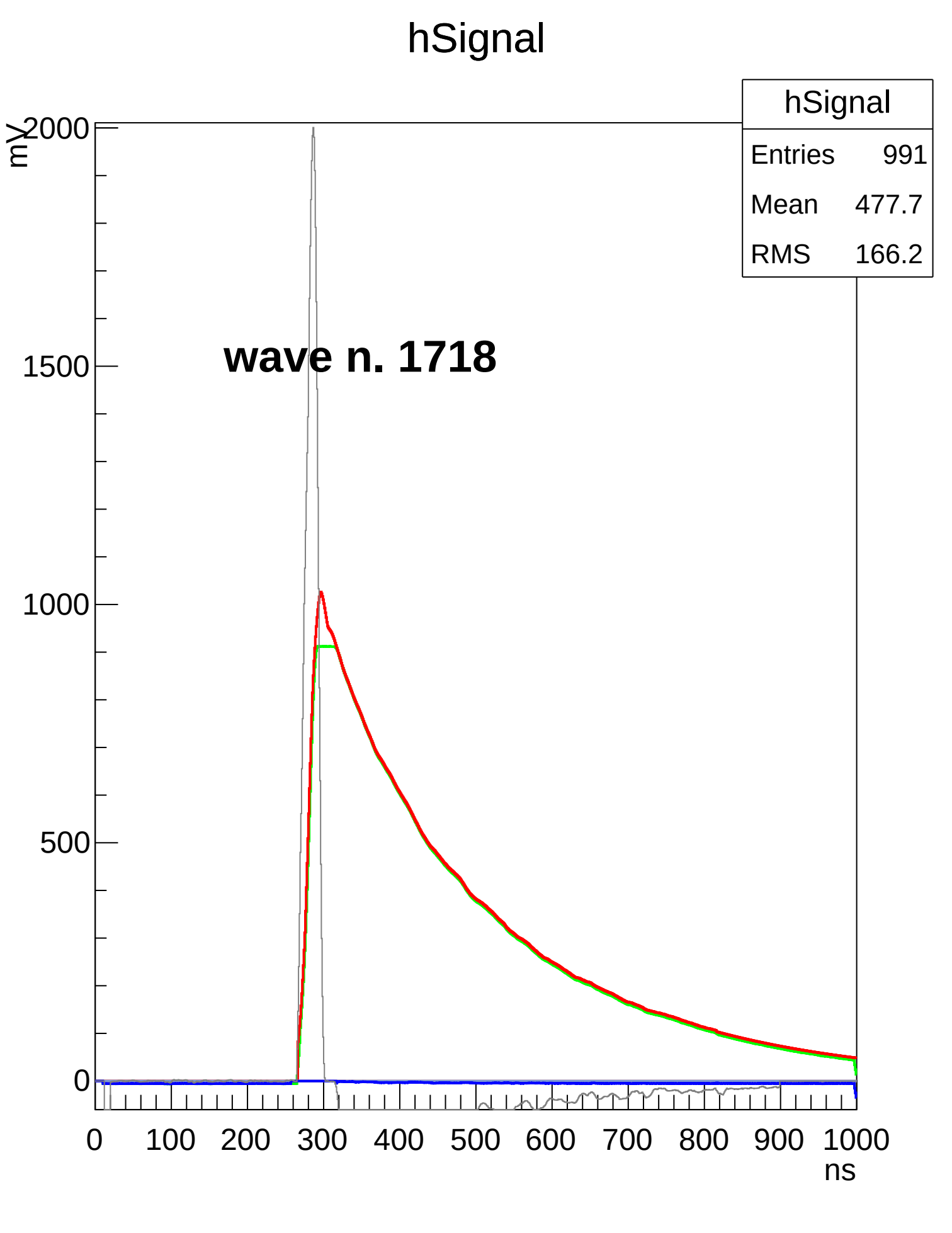
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Mean 477.7
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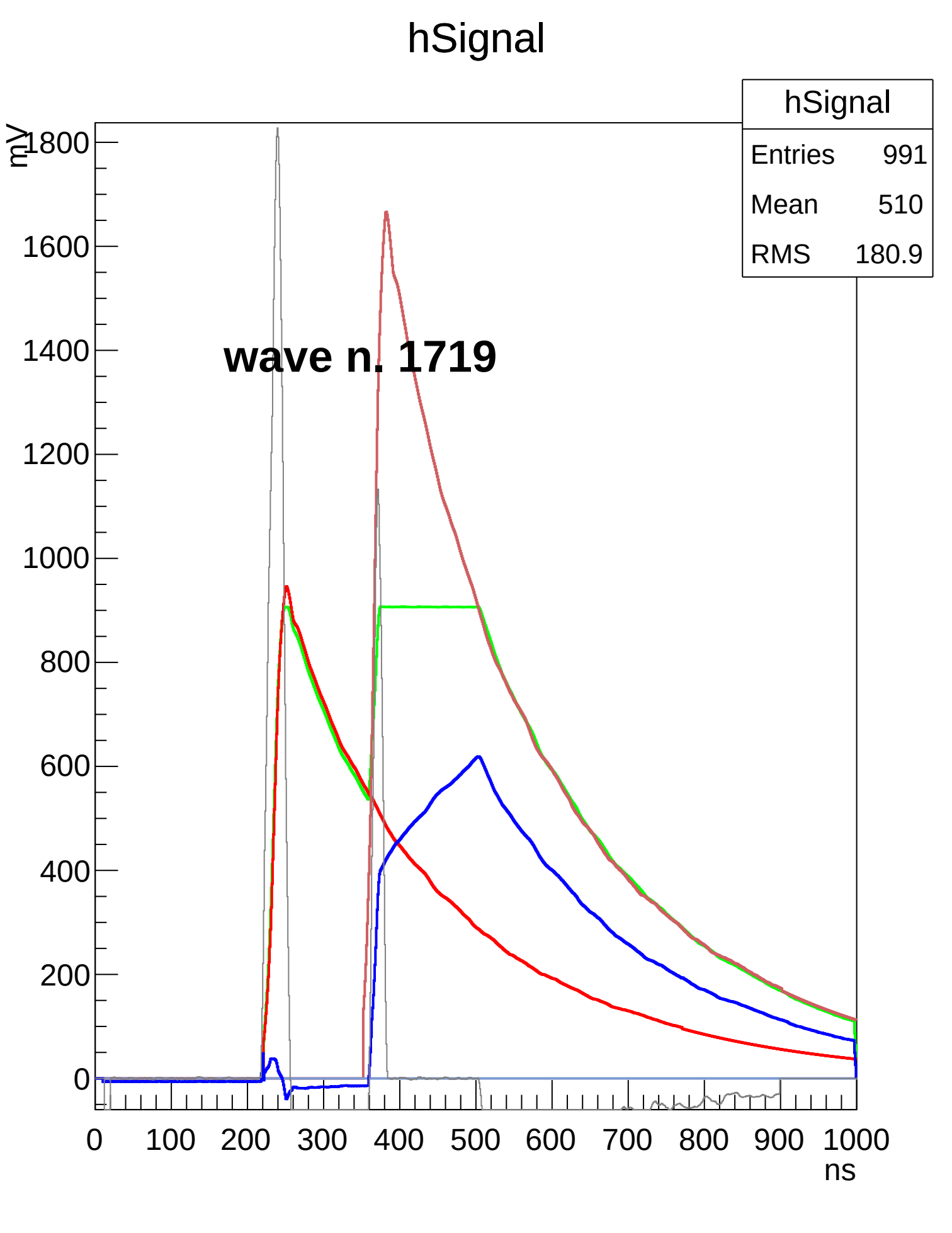
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Mean 510
RMS 180.9
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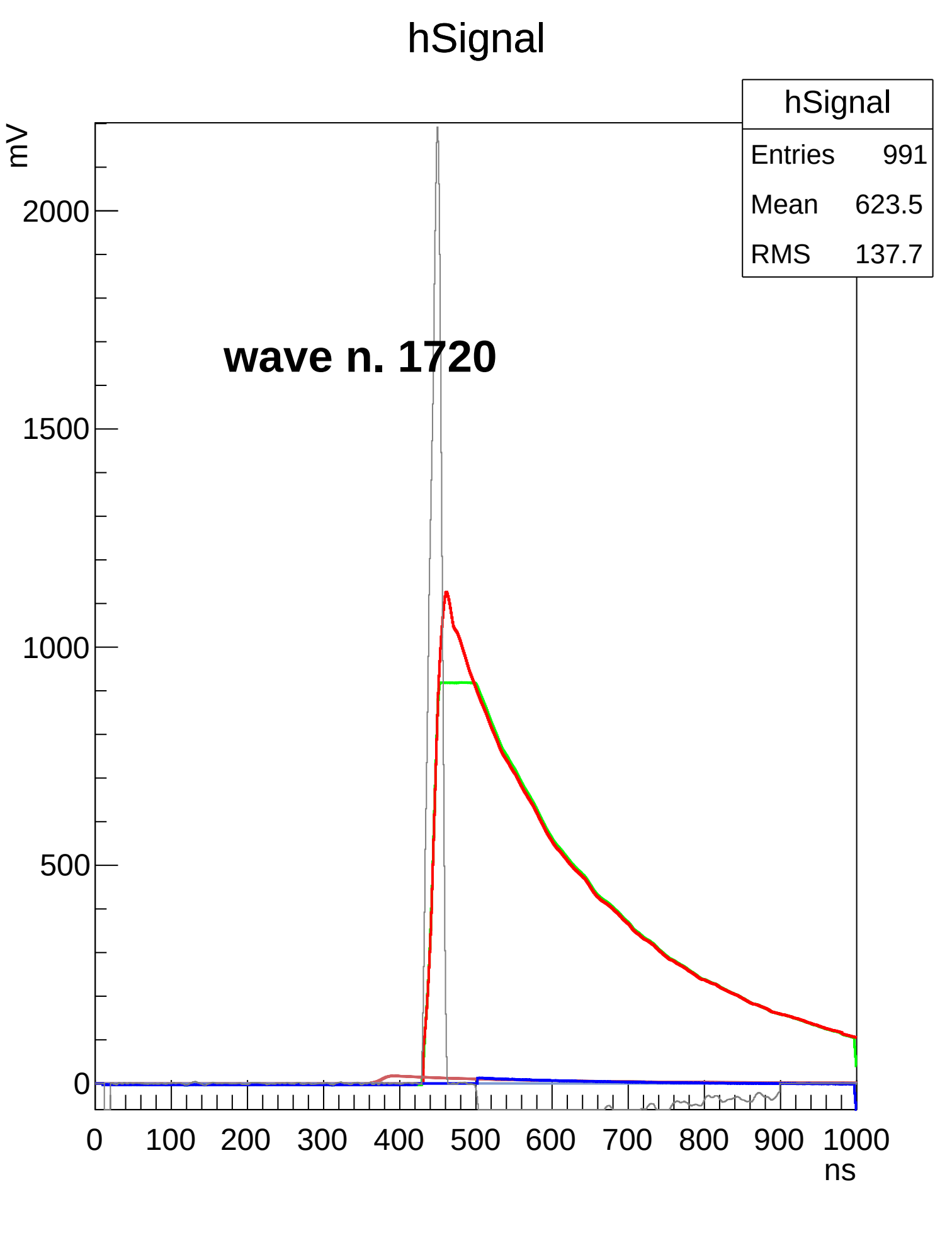
ns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hSignal
Entries 991
Mean 623.5
RMS 137.7
wave n. 1720
mV
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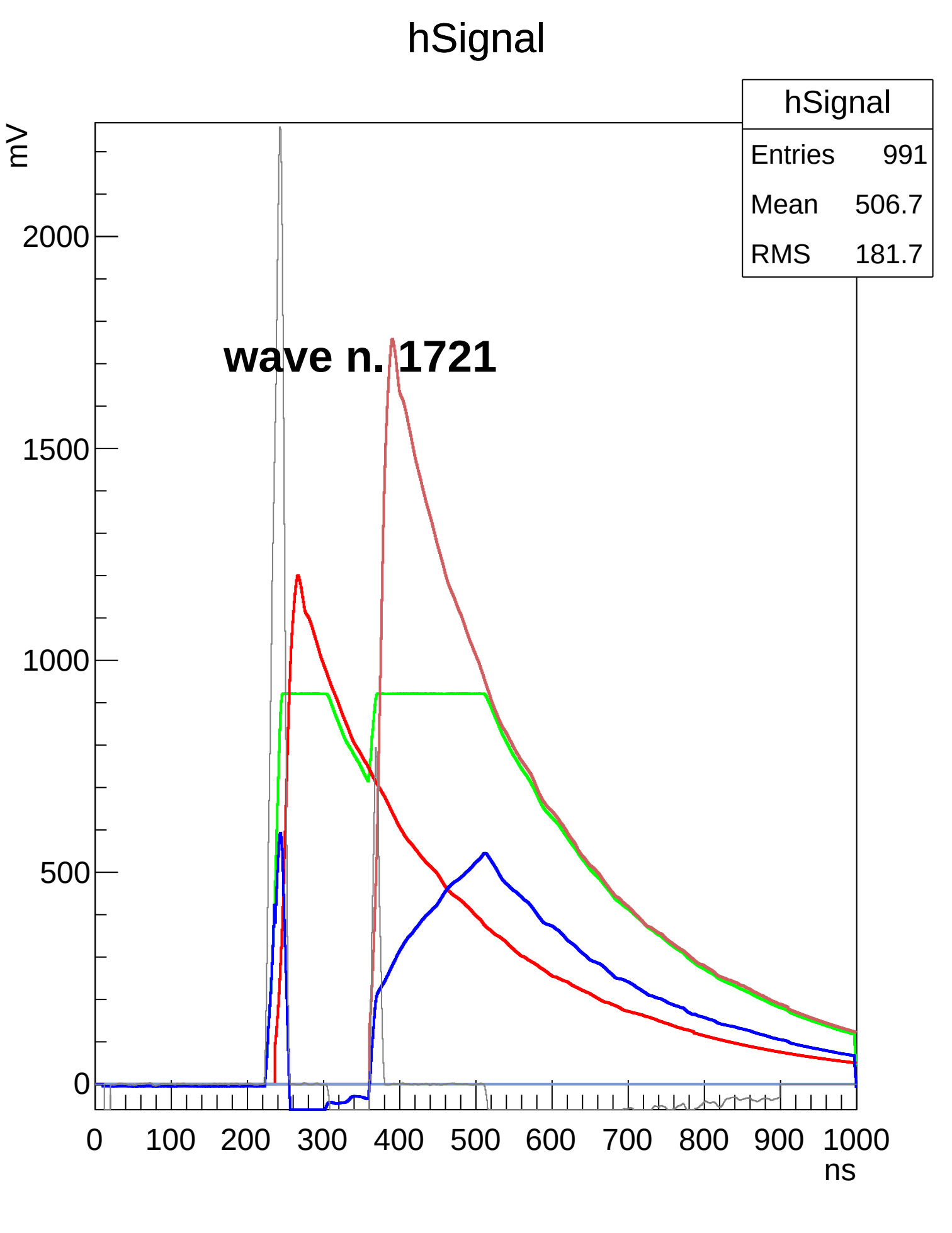
ns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hSignal
Entries 991
Mean 506.7
RMS 181.7
wave n. 1721
mV
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800
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1000
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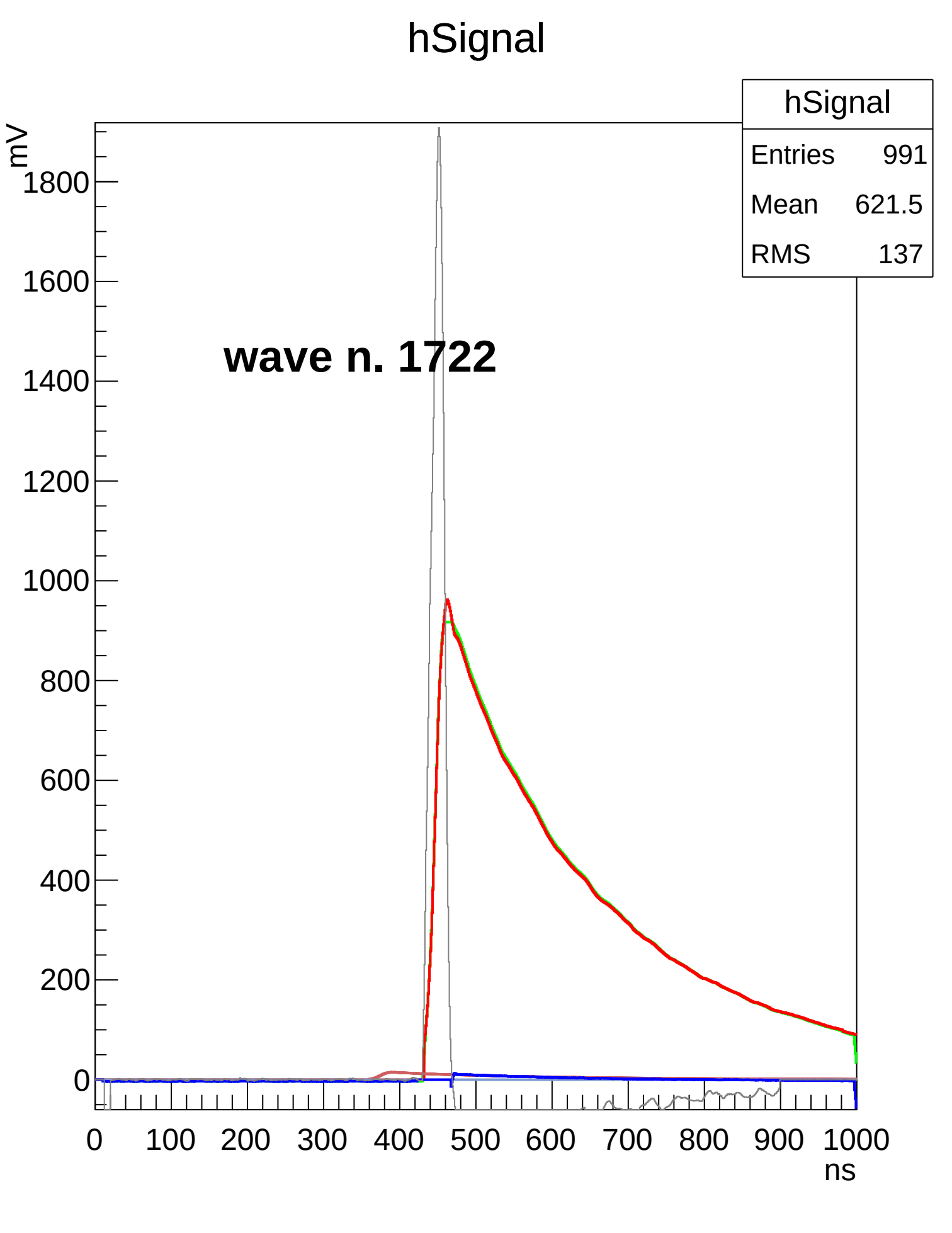
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hSignal
Entries 991
Mean 621.5
RMS 137
wave n. 1722
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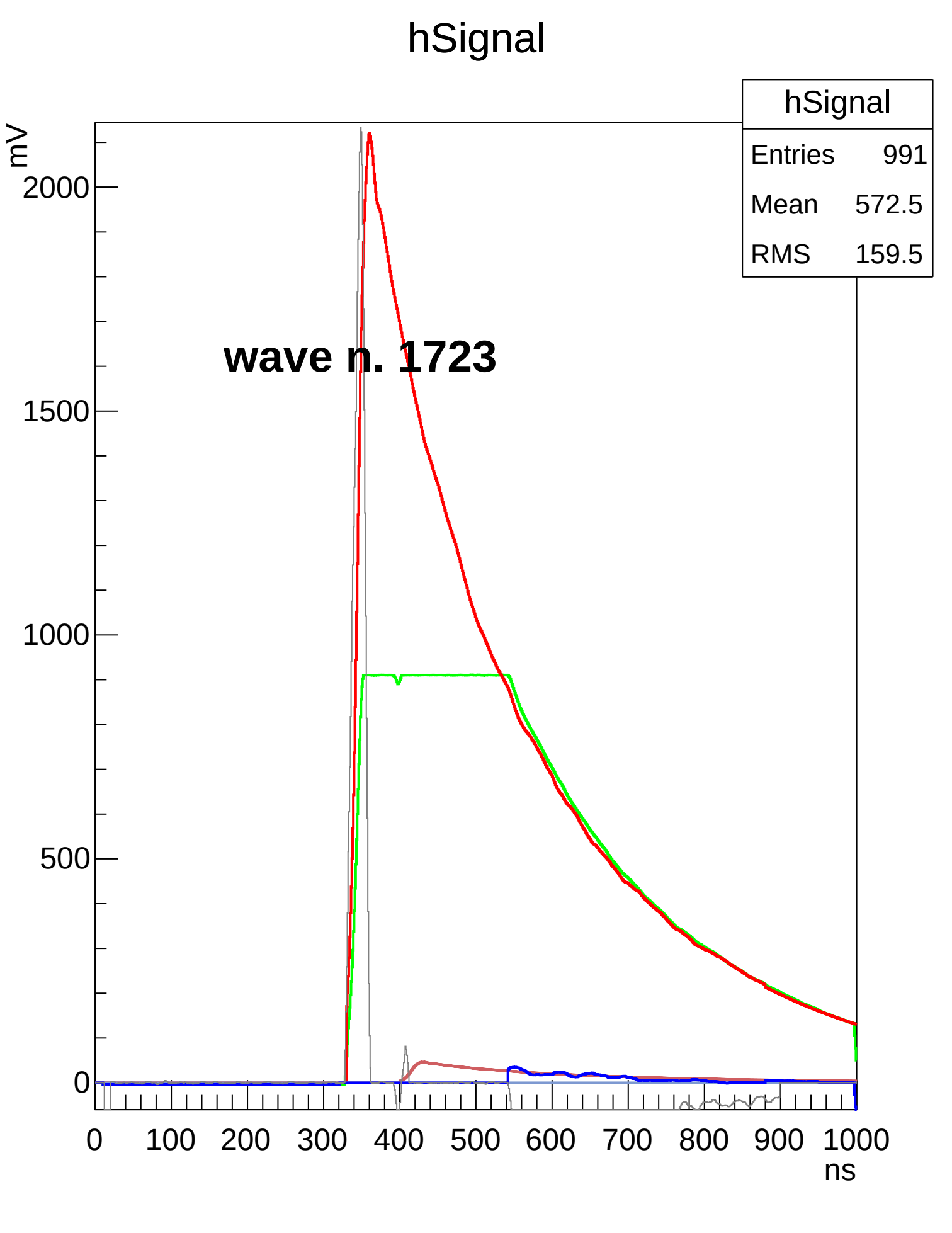
ns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Entries 991
Mean 572.5
RMS 159.5
wave n. 1723
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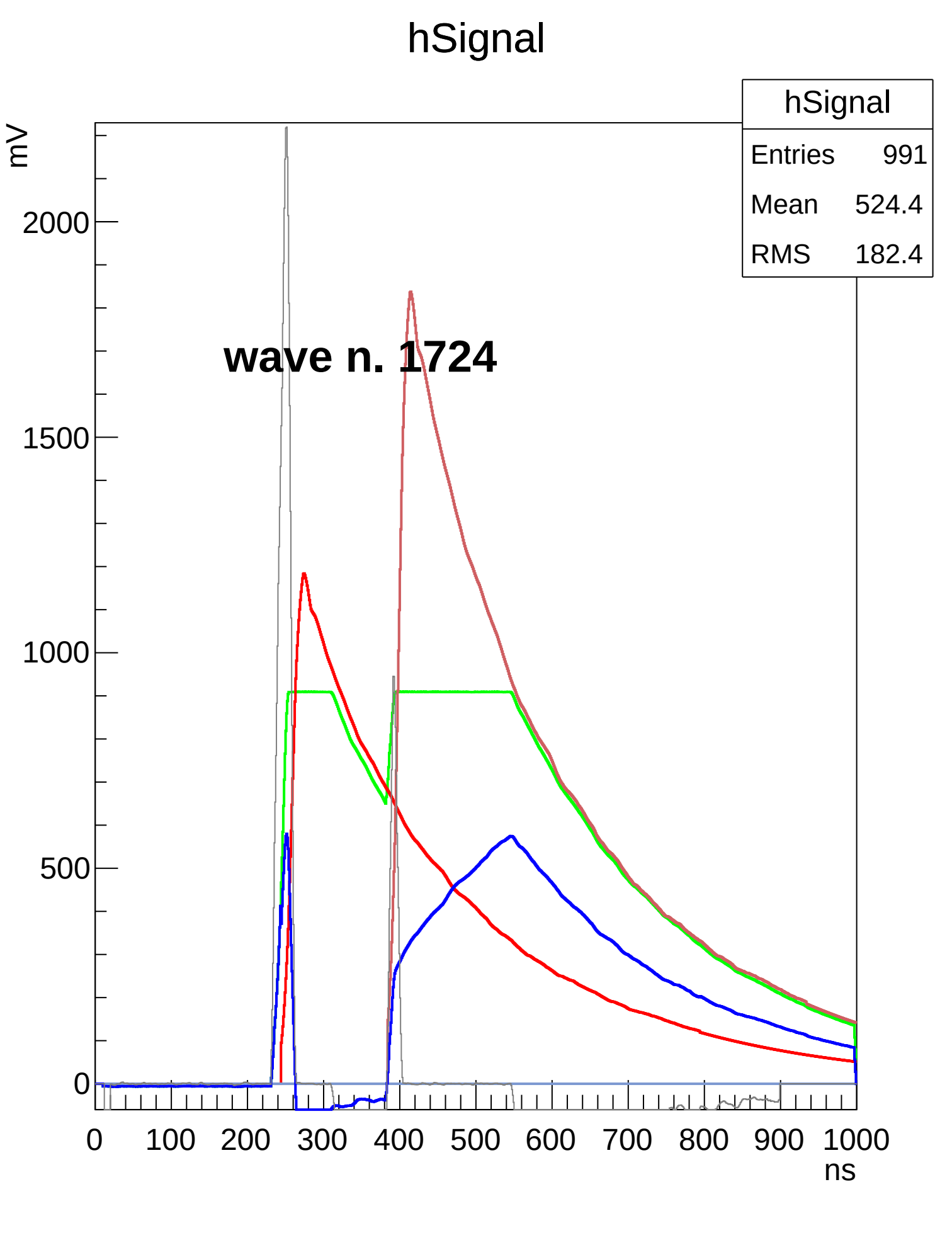
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hSignal
Entries 991
Mean 524.4
RMS 182.4
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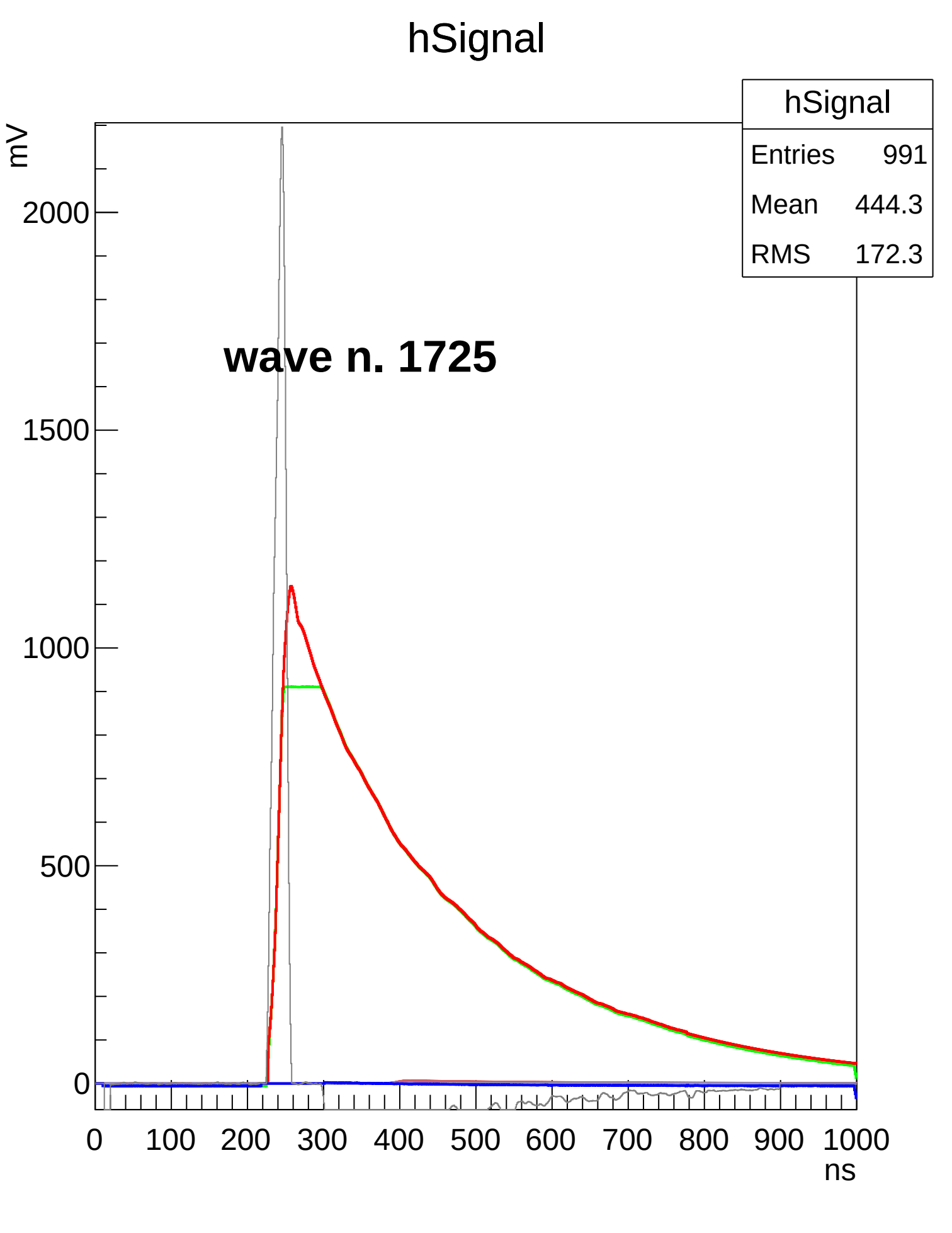
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hSignal
Entries 991
Mean 444.3
RMS 172.3
wave n. 1725
mV
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1500
1000
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800
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1000
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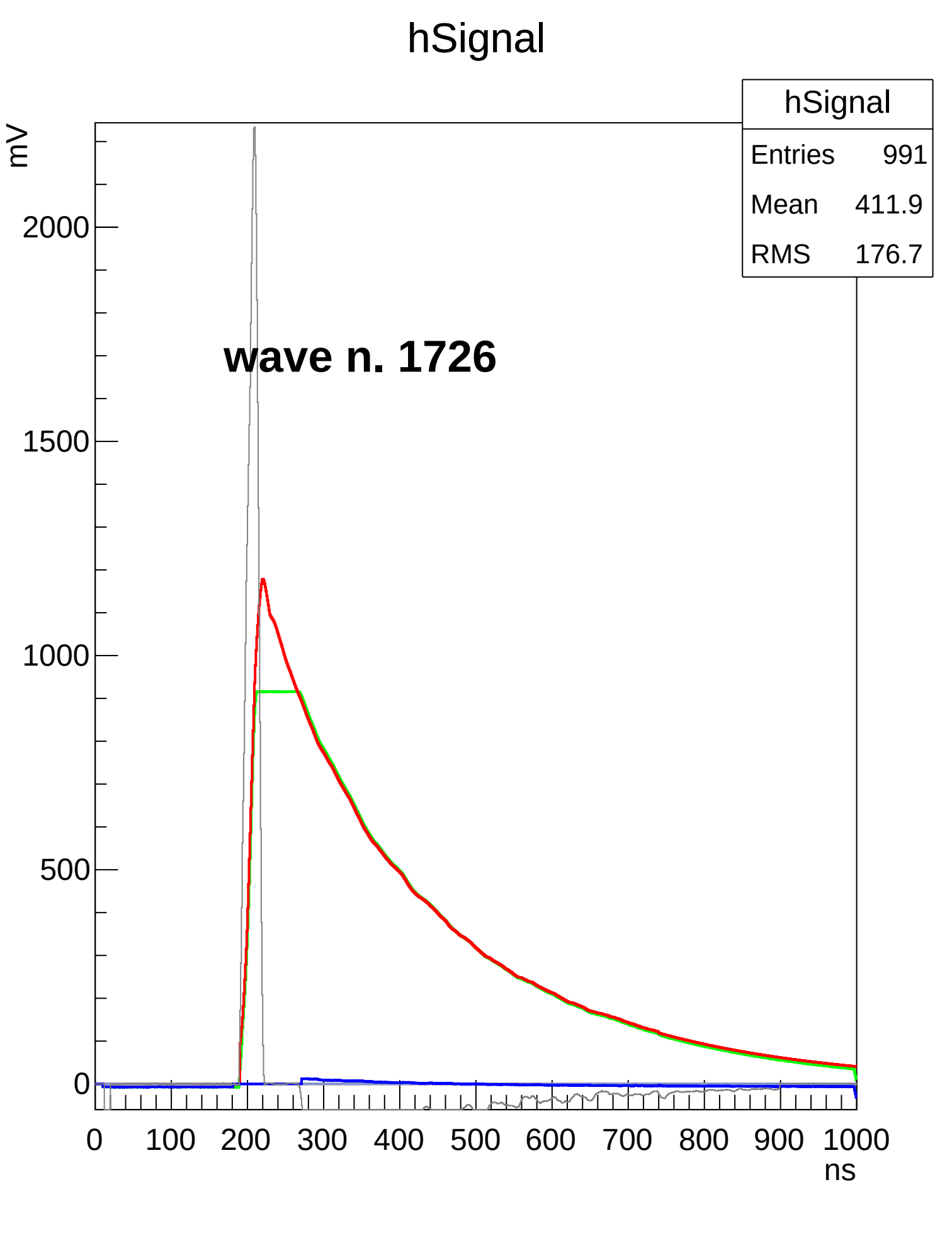
hSignal
hSignal
Entries 991
Mean 411.9
RMS 176.7
wave n. 1726
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100
200
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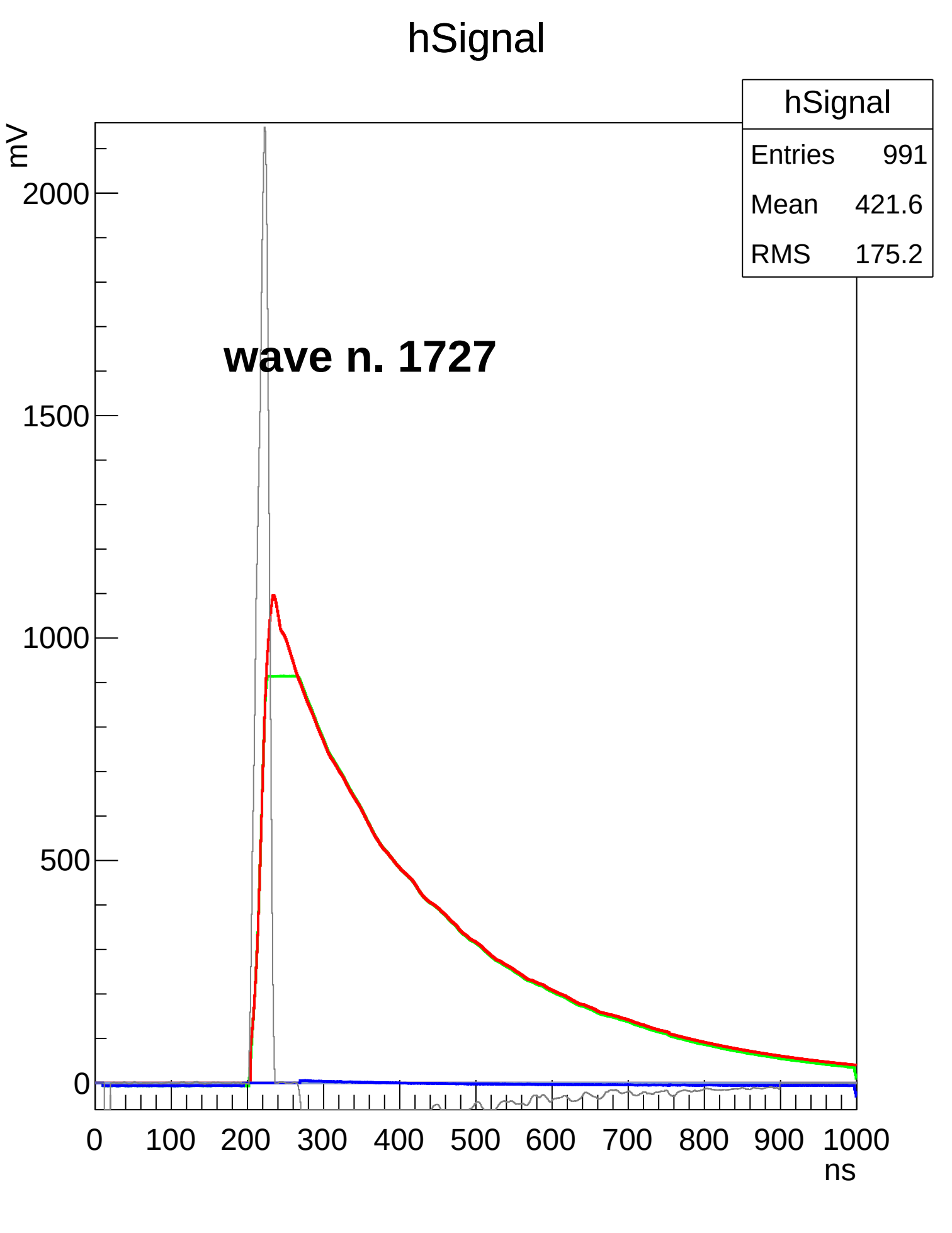
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 421.6
RMS 175.2
wave n. 1727
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1500
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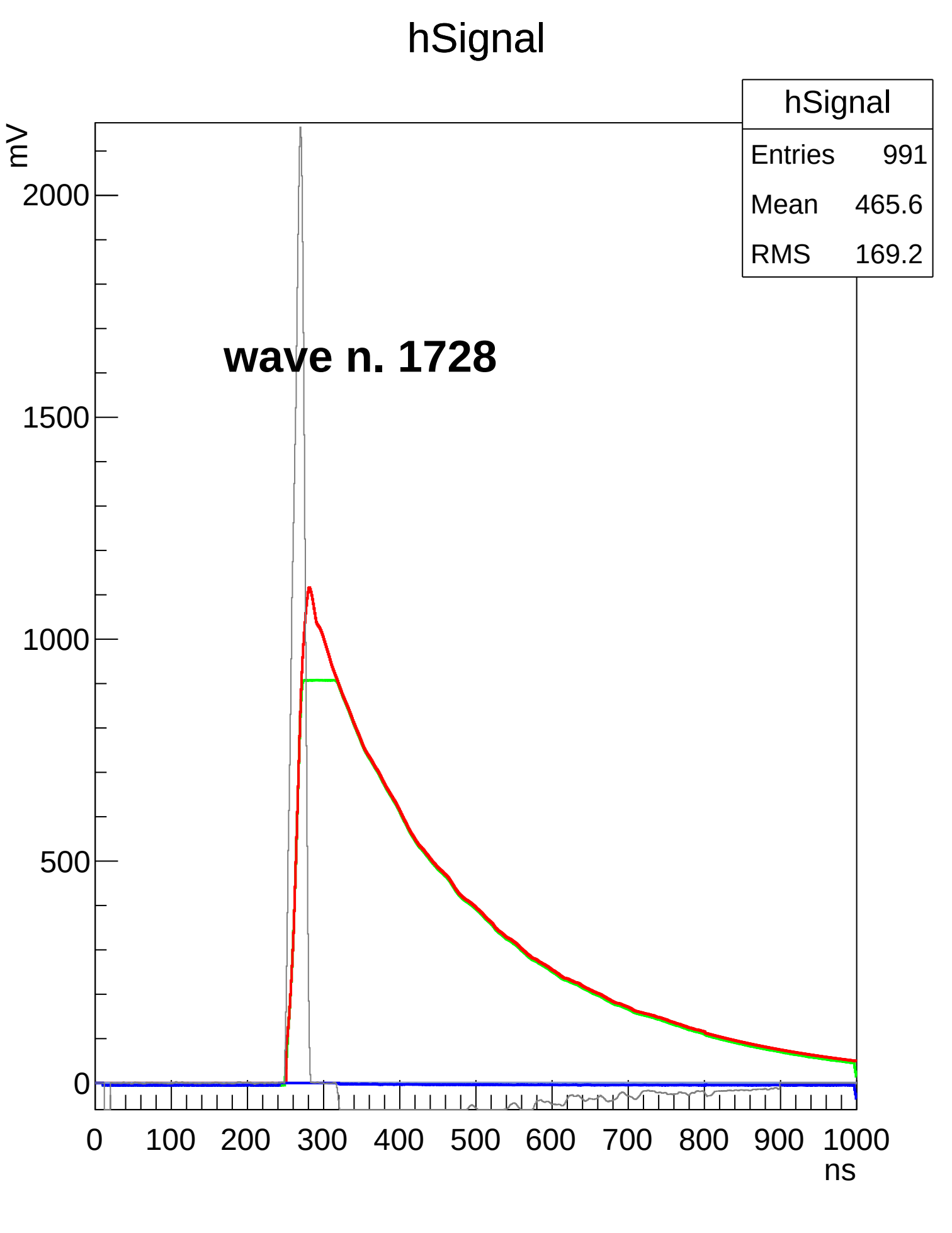
ns


hSignal
hSignal
Entries 991
Mean 465.6
RMS 169.2
wave n. 1728
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1500
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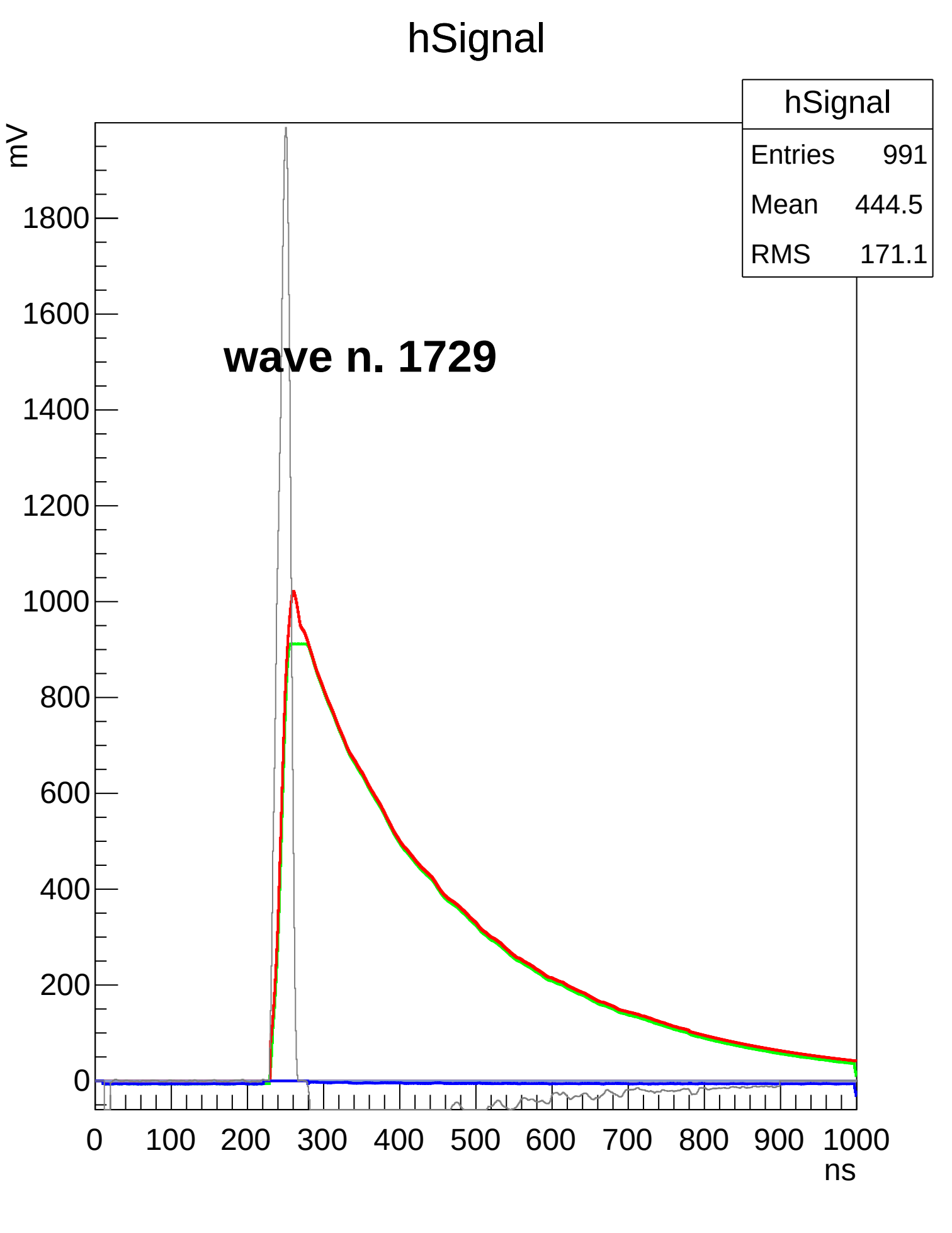
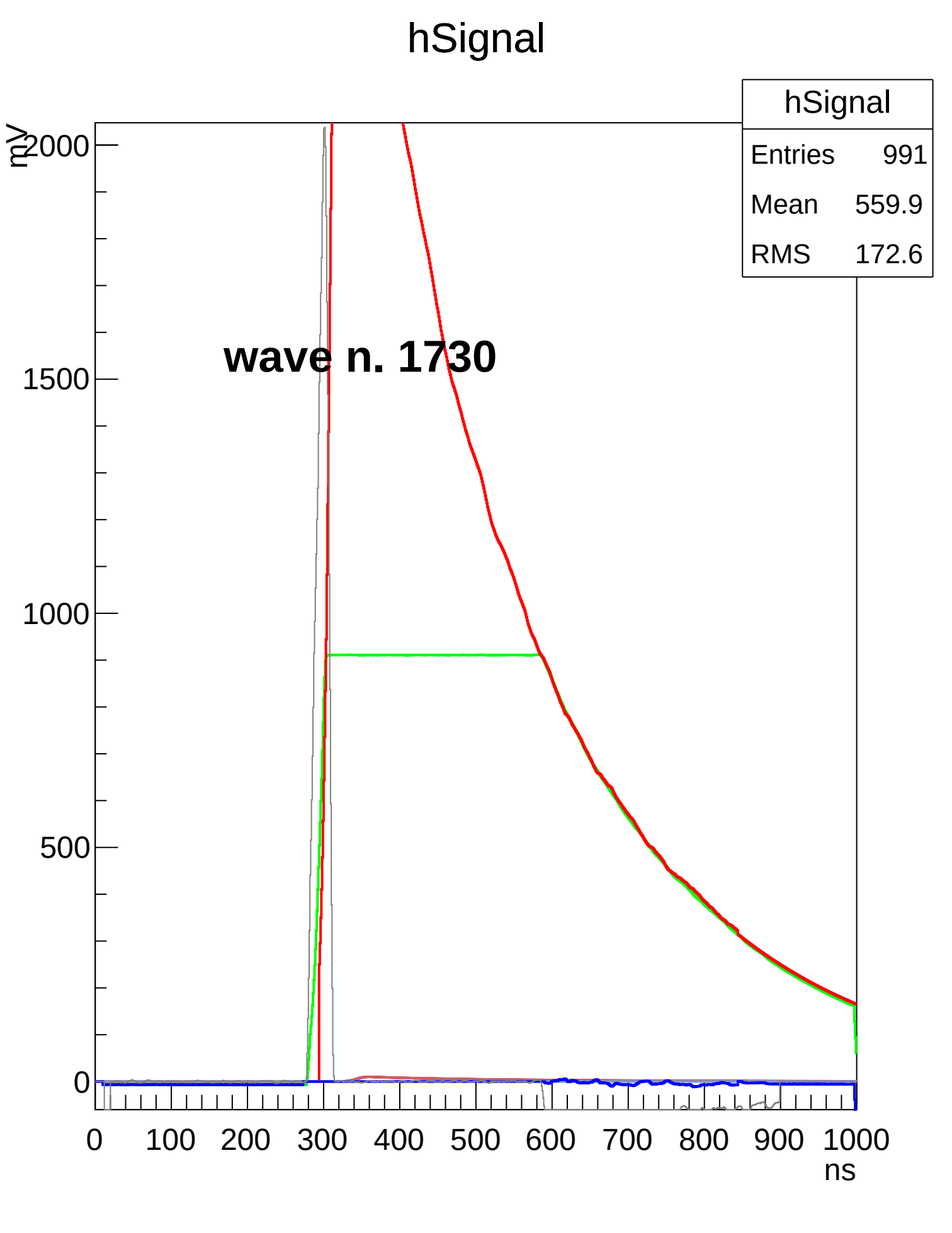
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 444.5
RMS 171.1
wave n. 1729
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 559.9
RMS 172.6
wave n. 1730
mV
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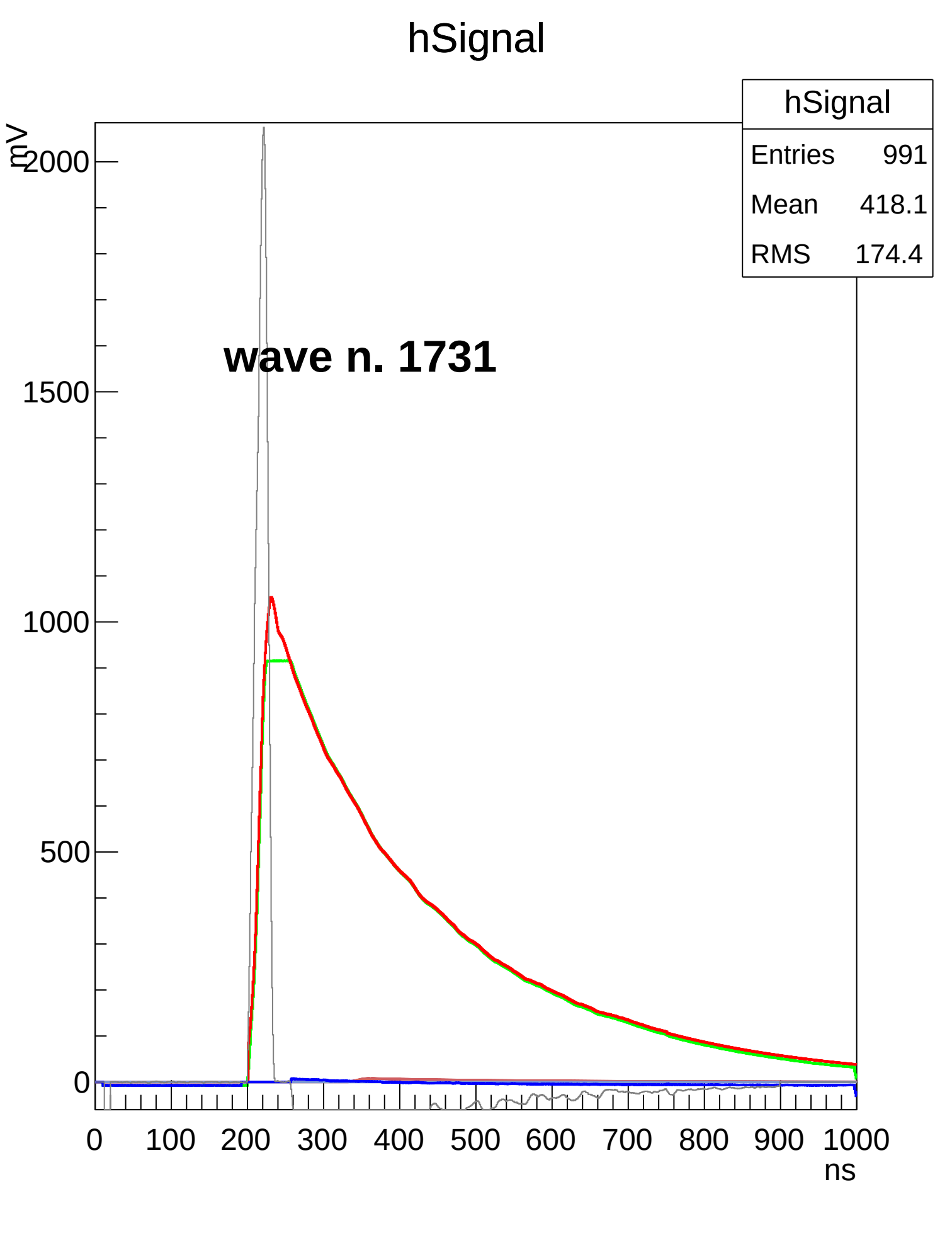
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 418.1
RMS 174.4
wave n. 1731
mV
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1000
500
0
0
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200
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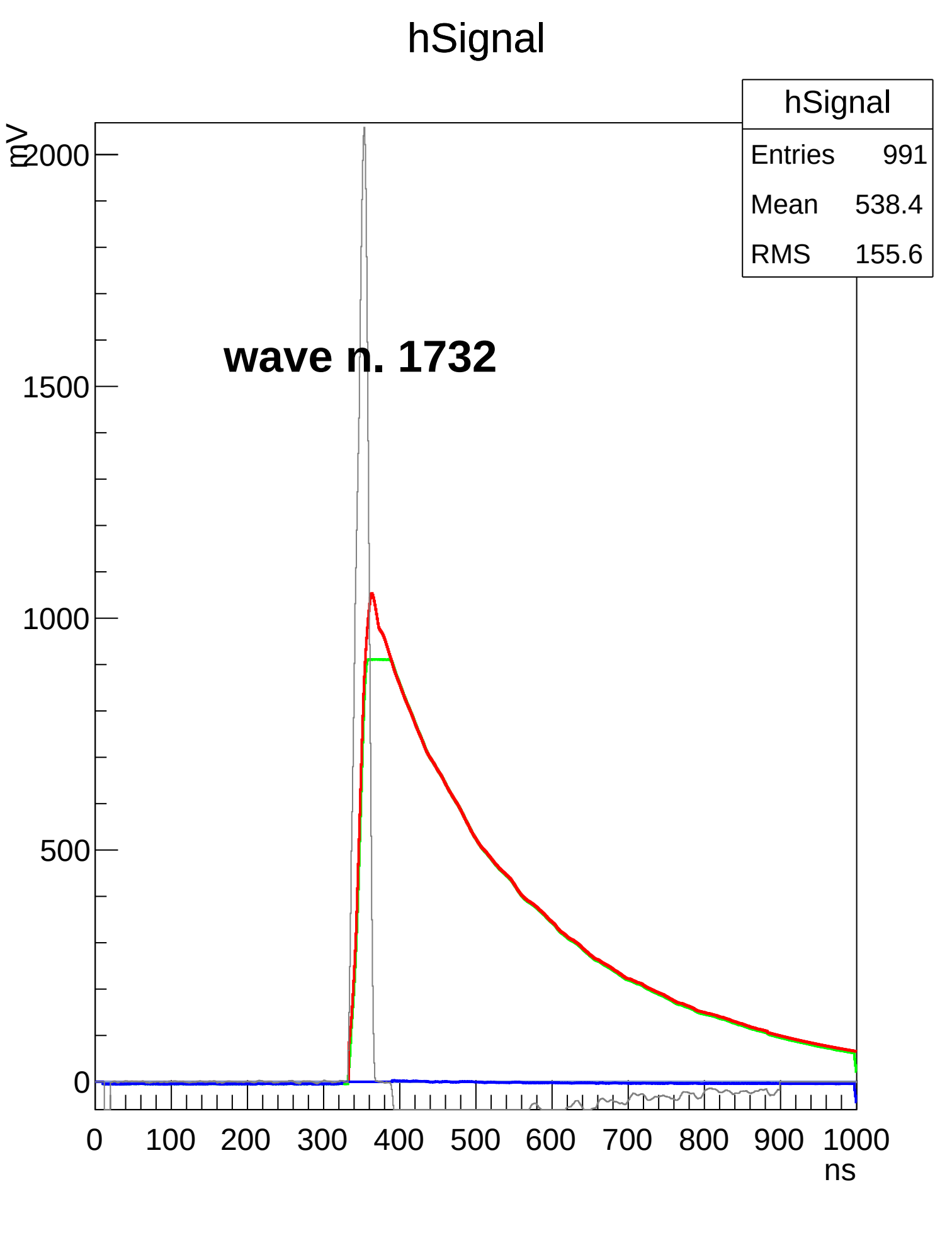
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 538.4
RMS 155.6
wave n. 1732
mV
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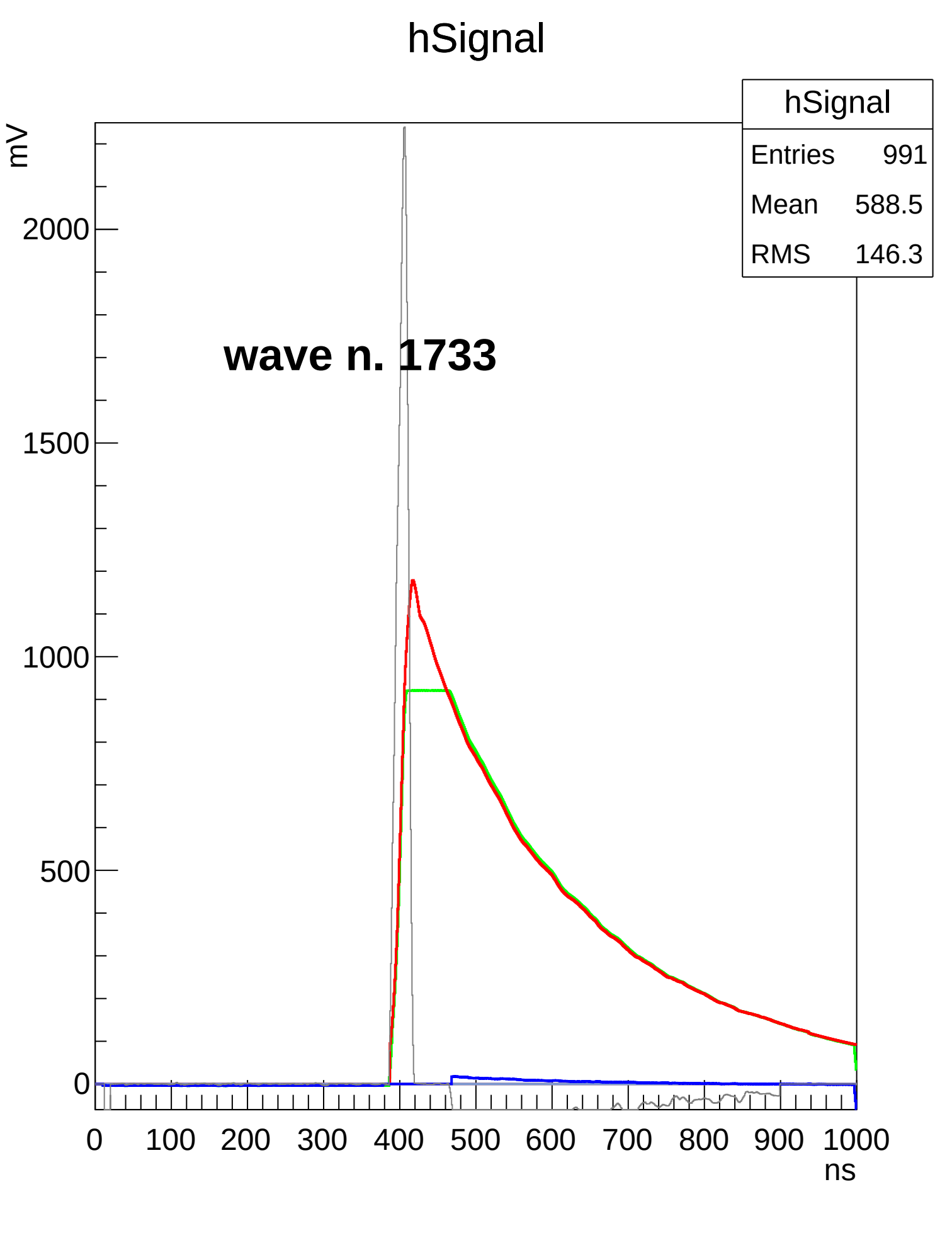
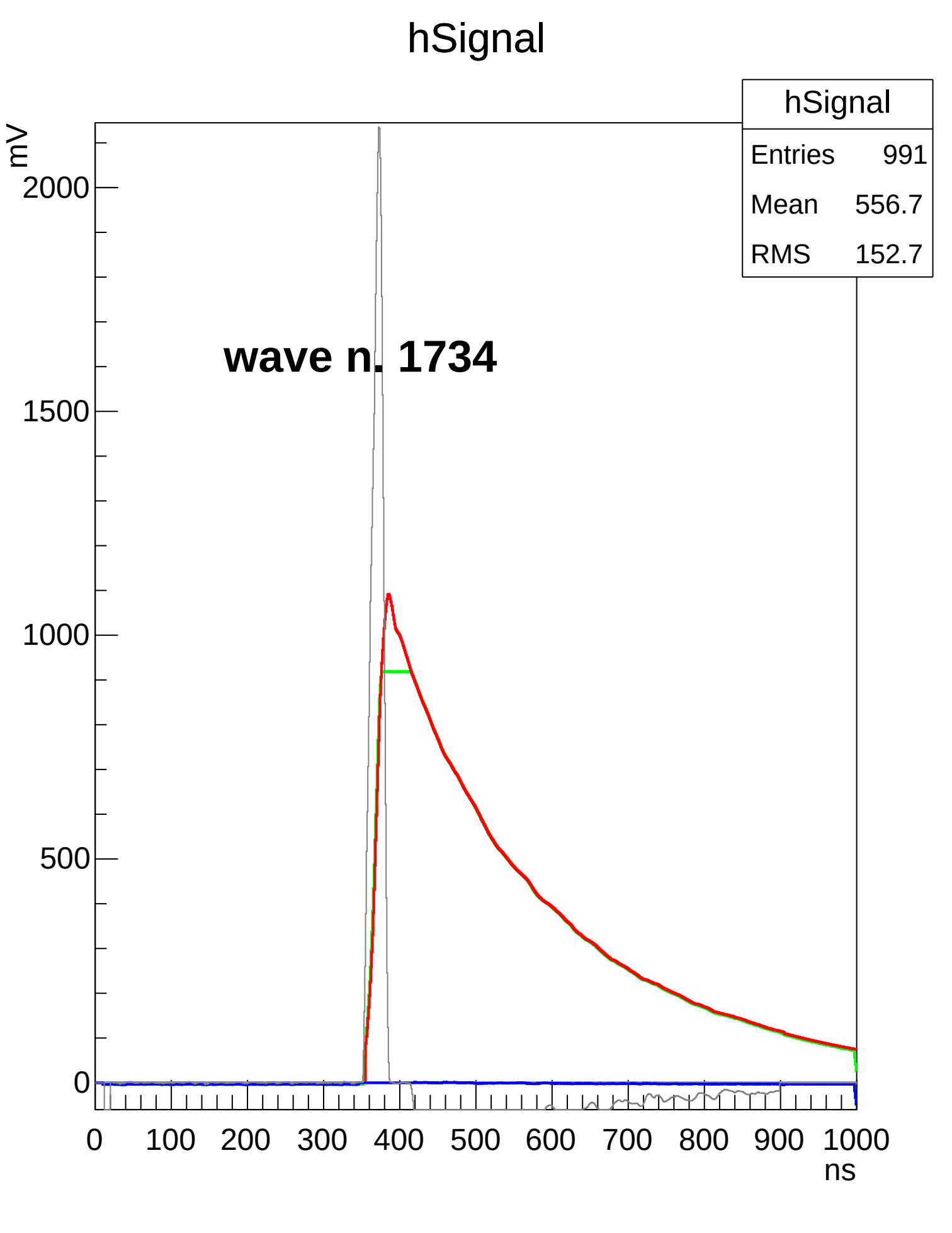
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 588.5
RMS 146.3
wave n. 1733
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 556.7
RMS 152.7
wave n. 1734
mV
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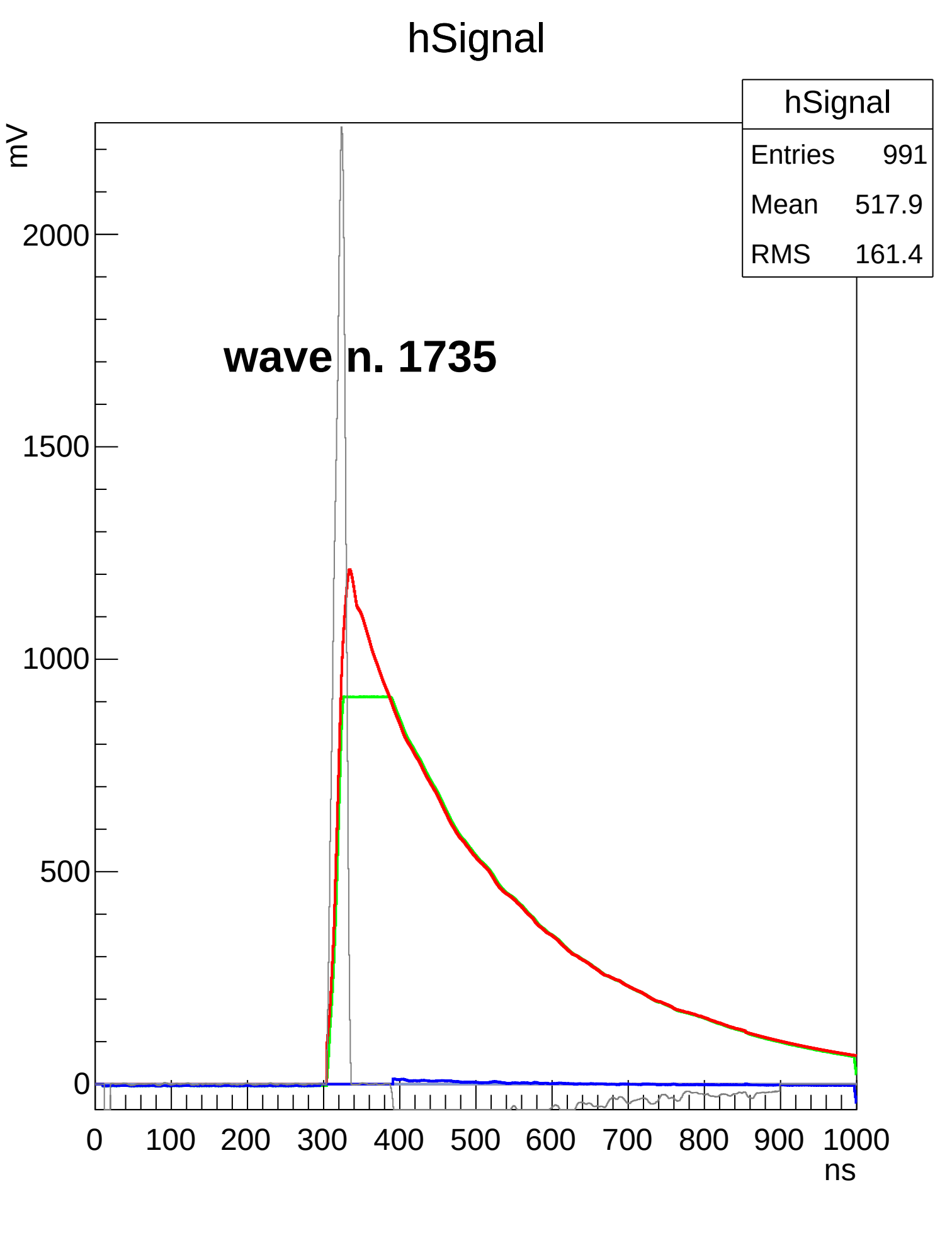
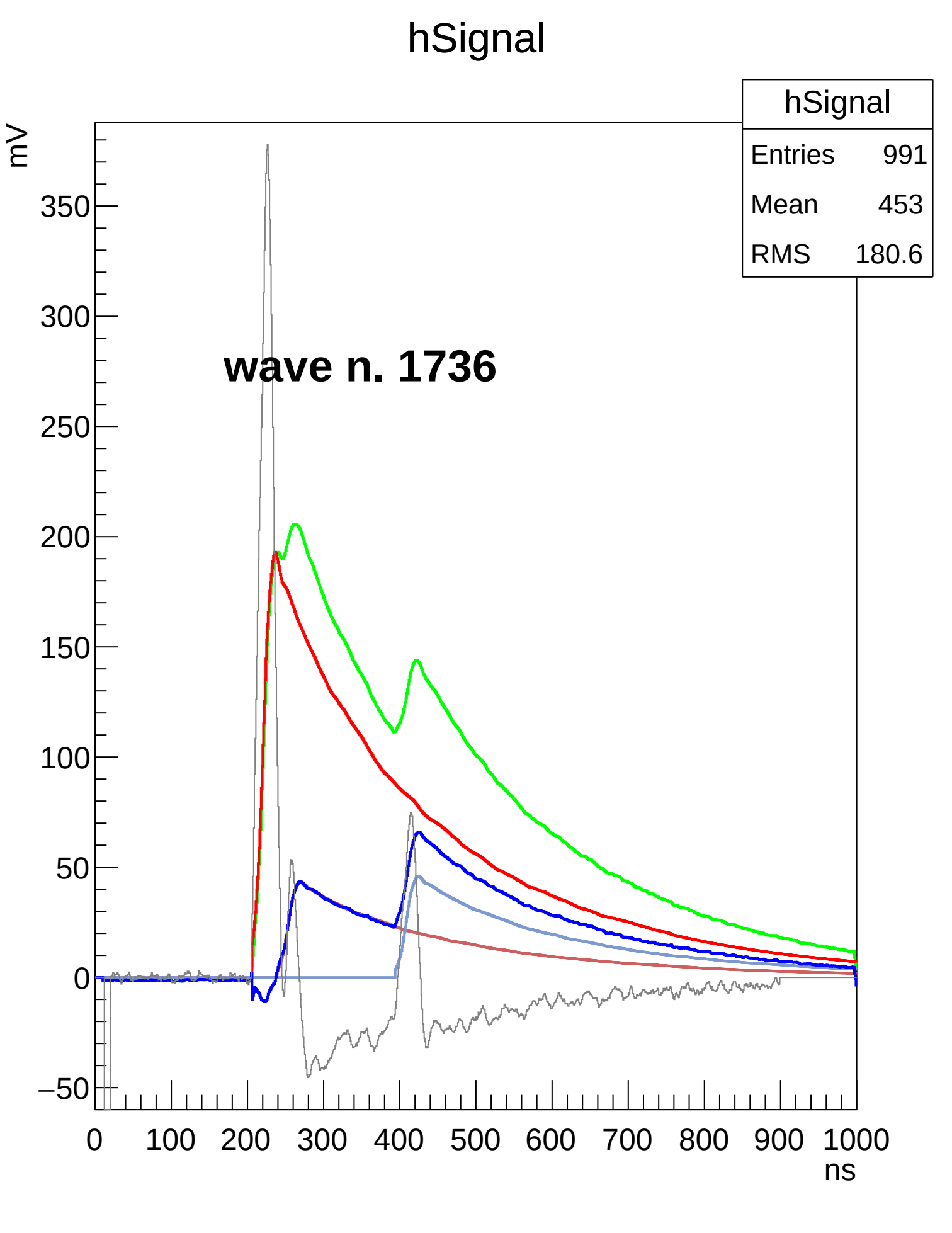
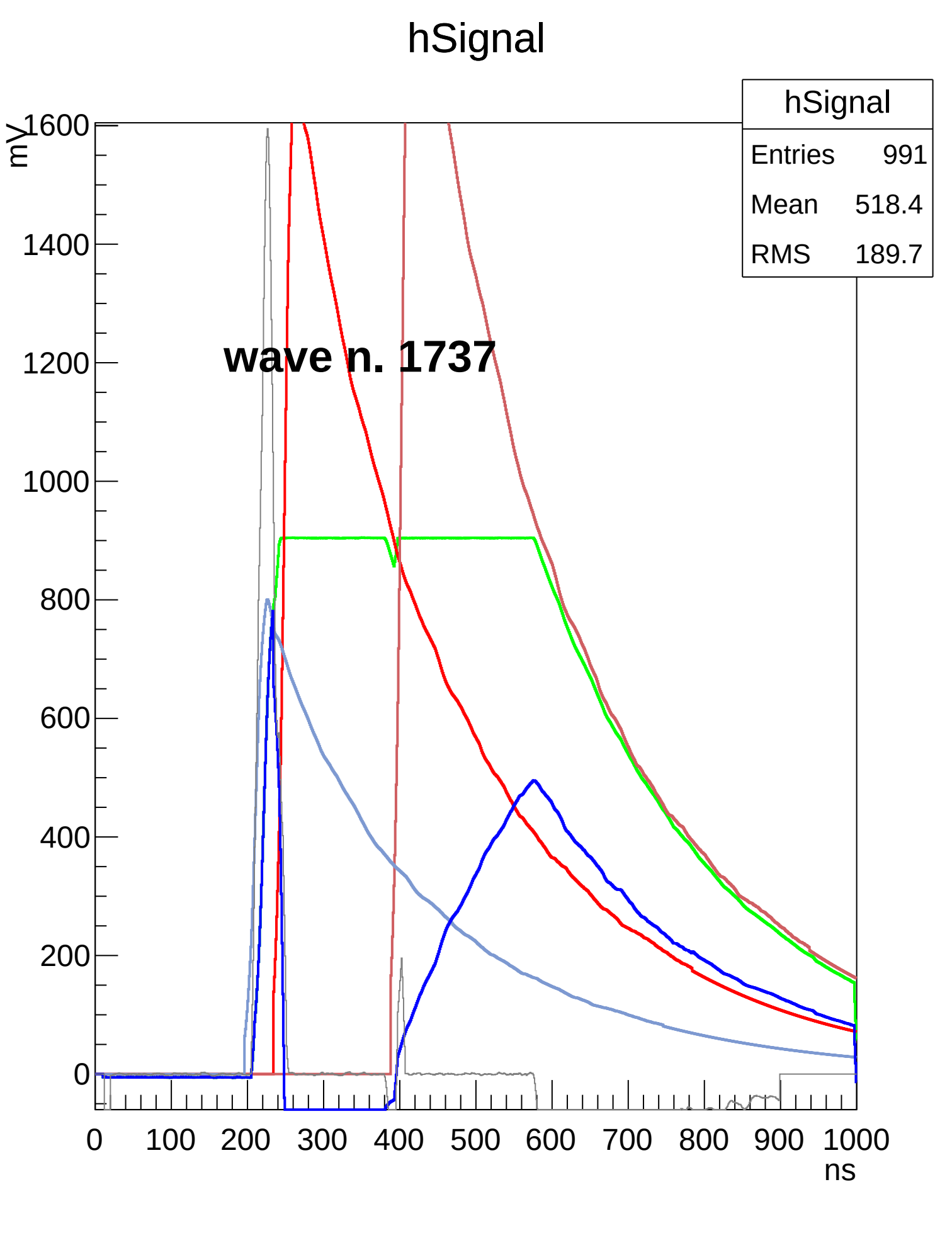
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 517.9
RMS 161.4
wave n. 1735
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 453
RMS 180.6
wave n. 1736
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.4
RMS 189.7
wave n. 1737
mV
1600
1400
1200
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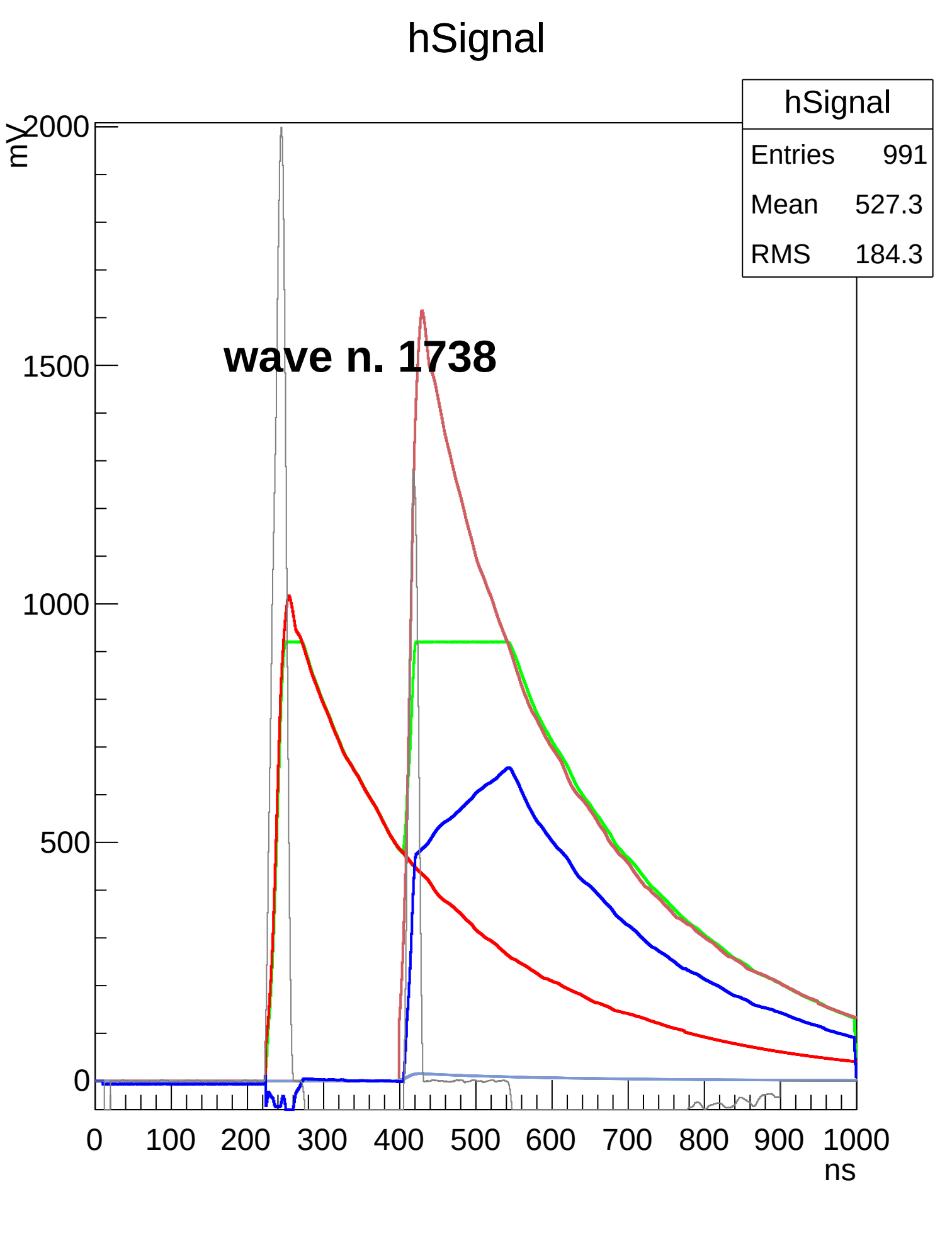
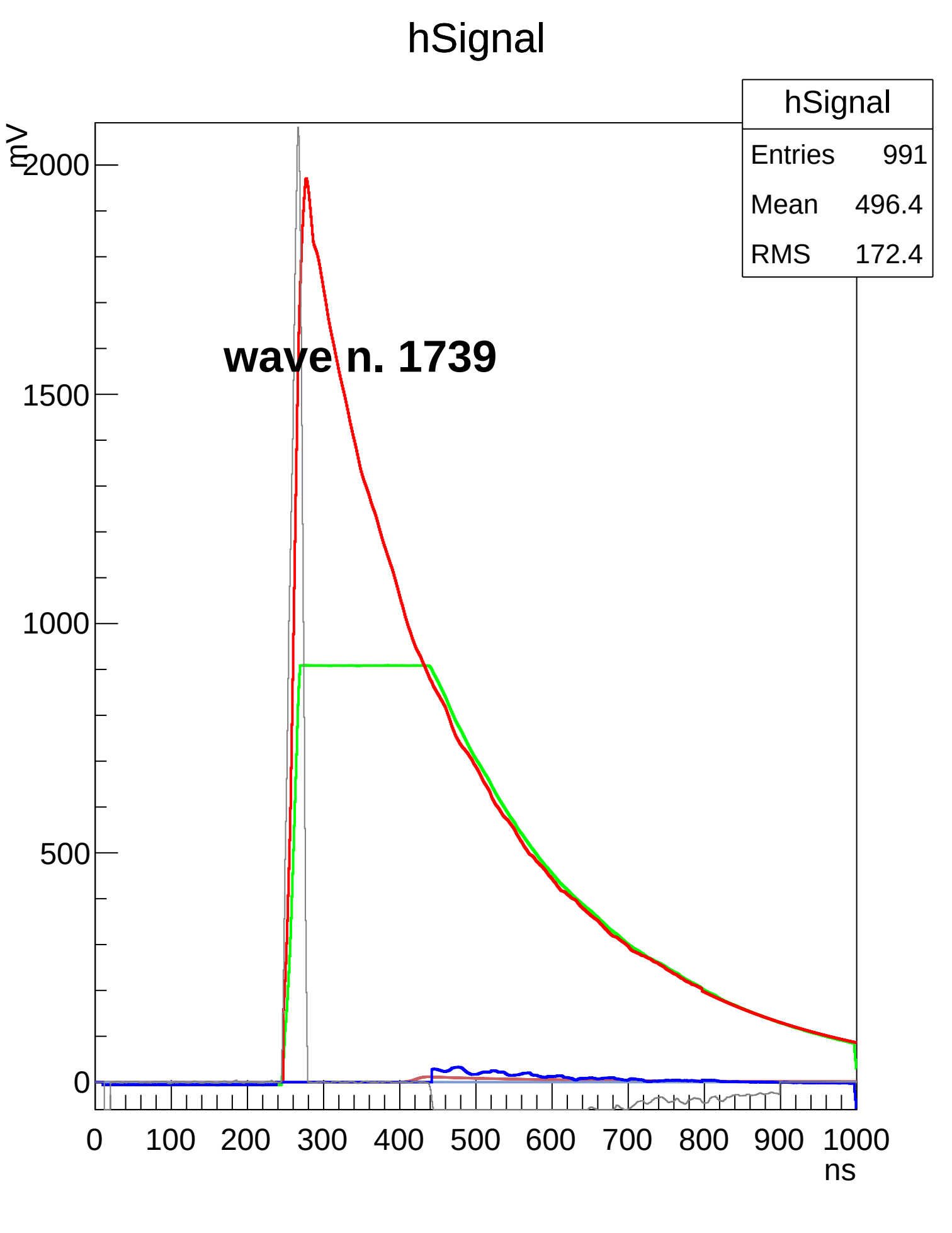
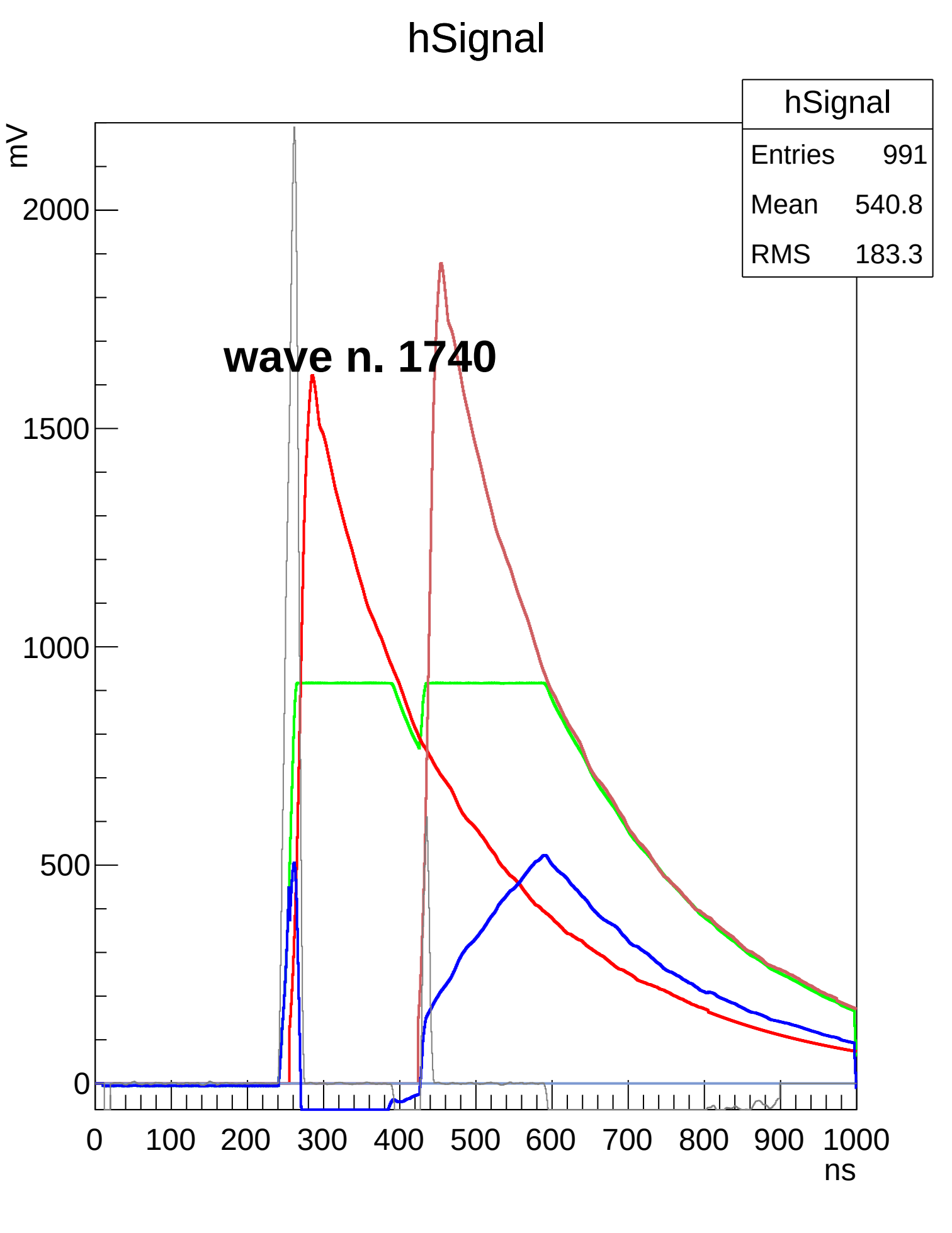
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527.3
RMS 184.3
wave n. 1738
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 496.4
RMS 172.4
wave n. 1739
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 540.8
RMS 183.3
wave n. 1740
mV
2000
1500
1000
500
0
0
100
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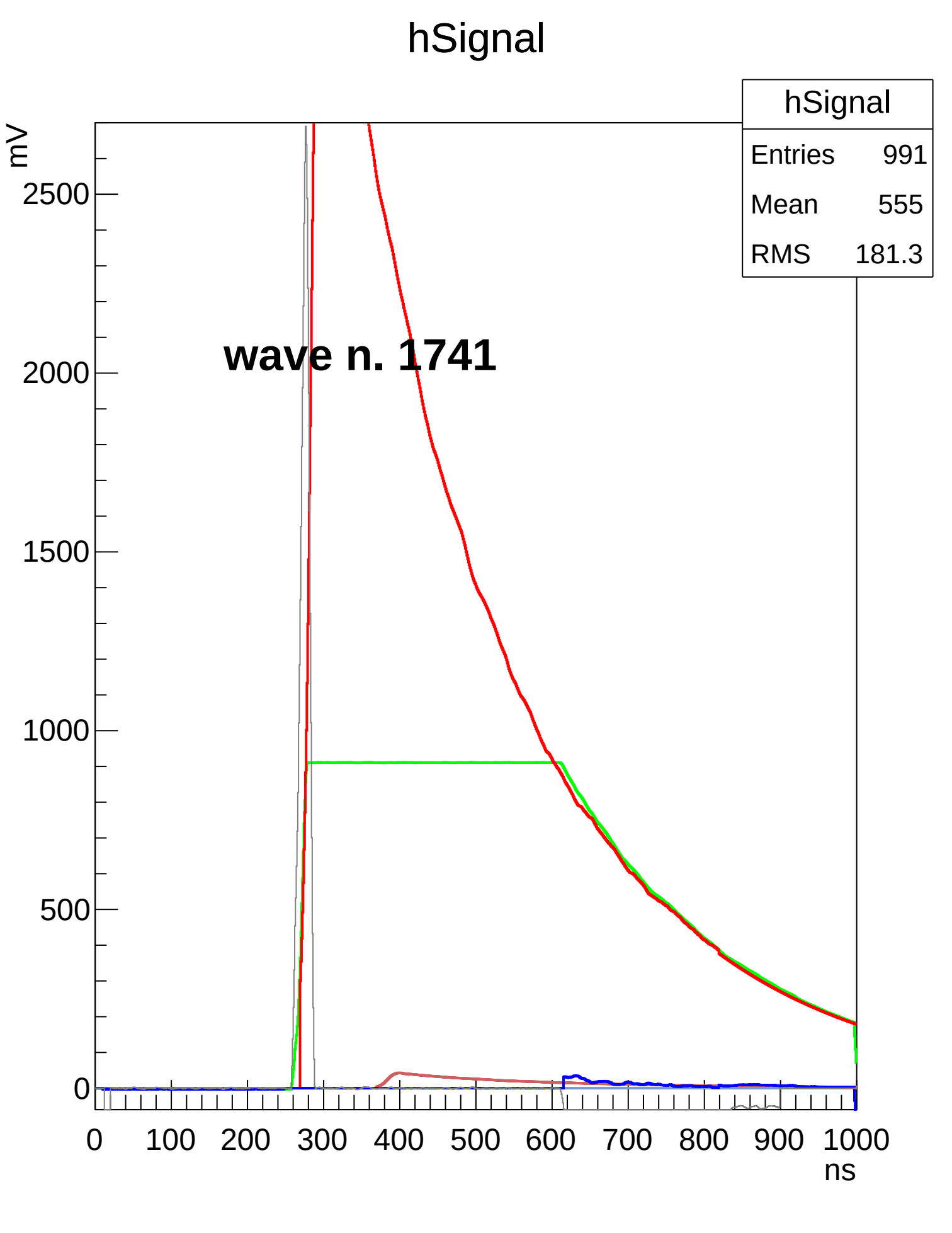
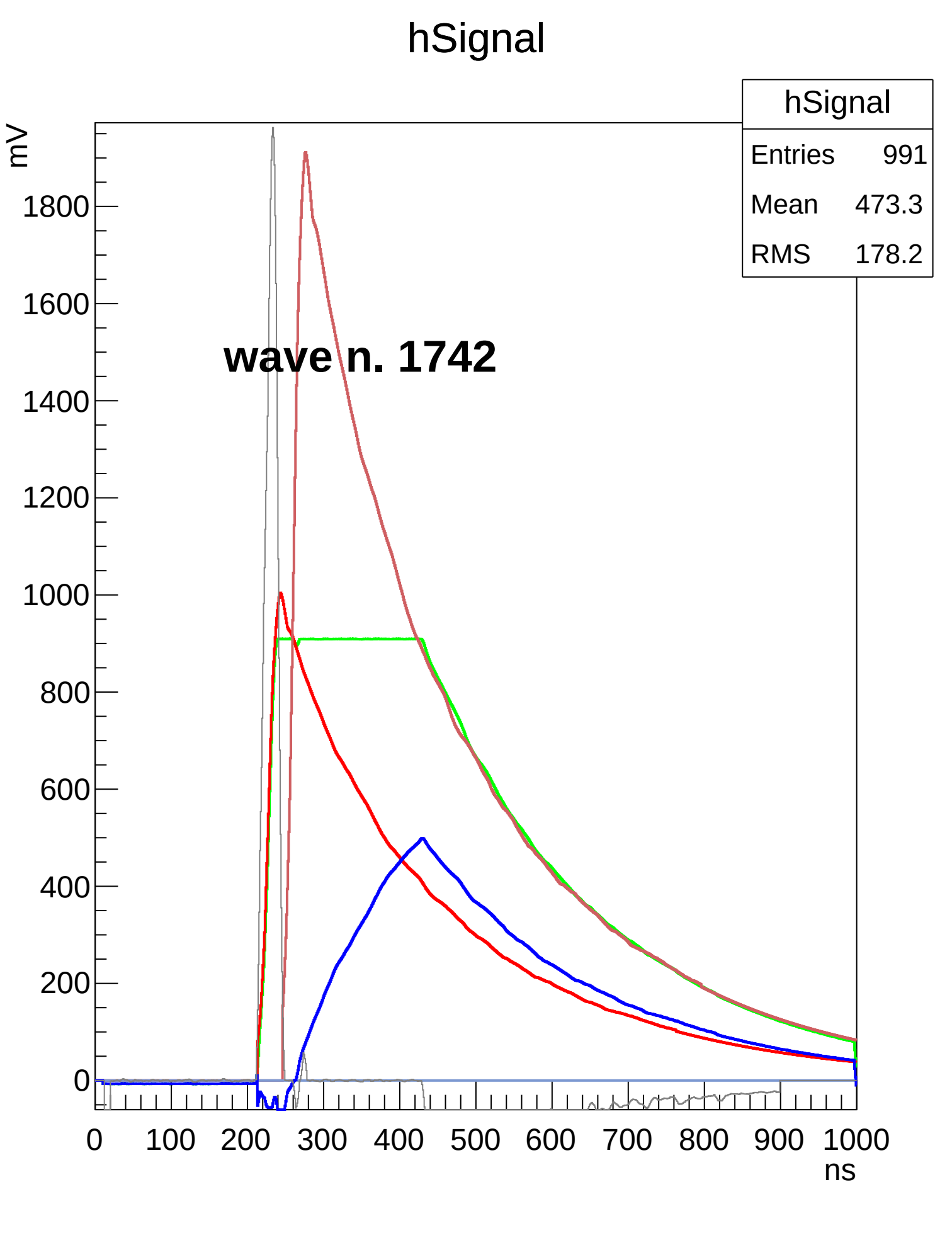
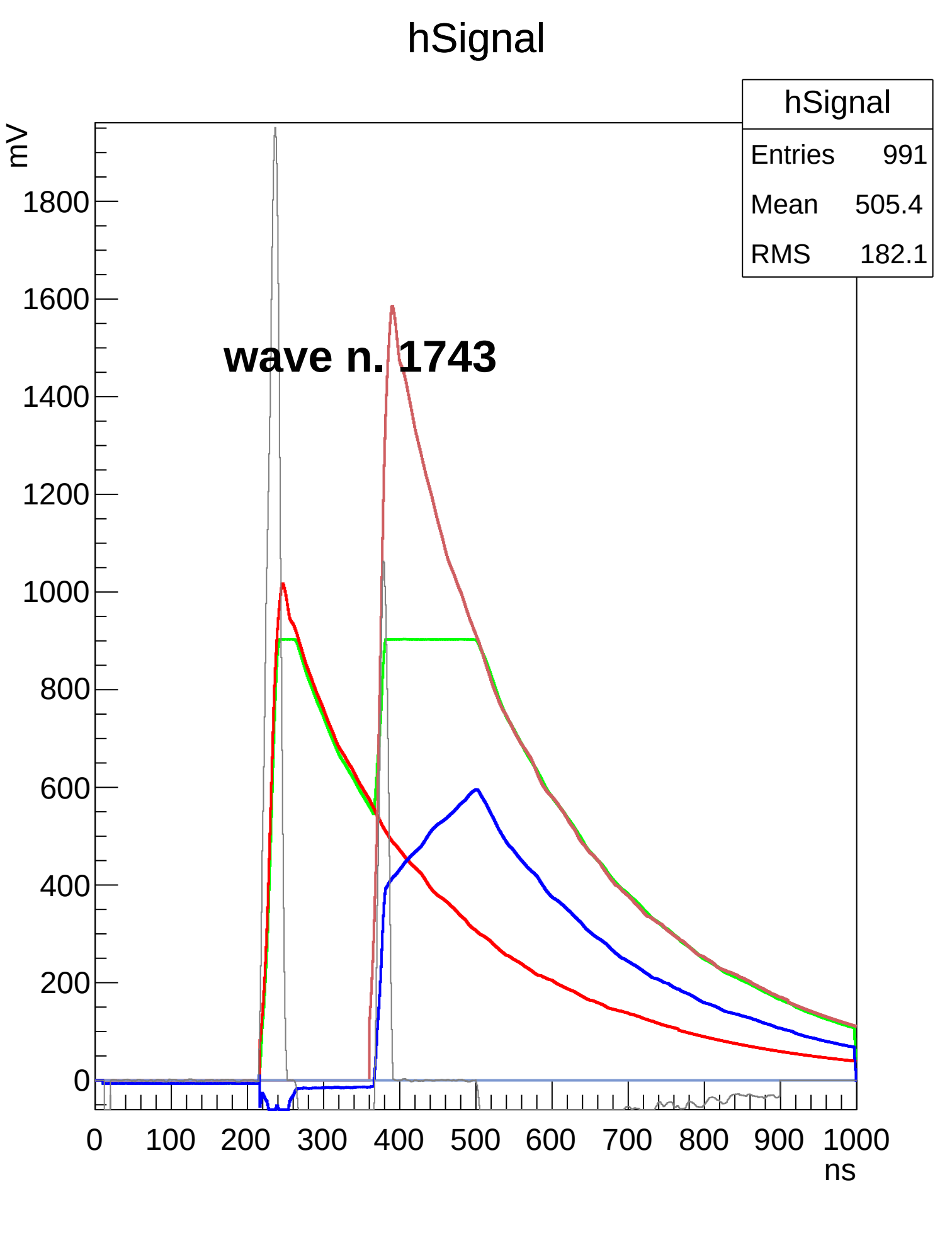
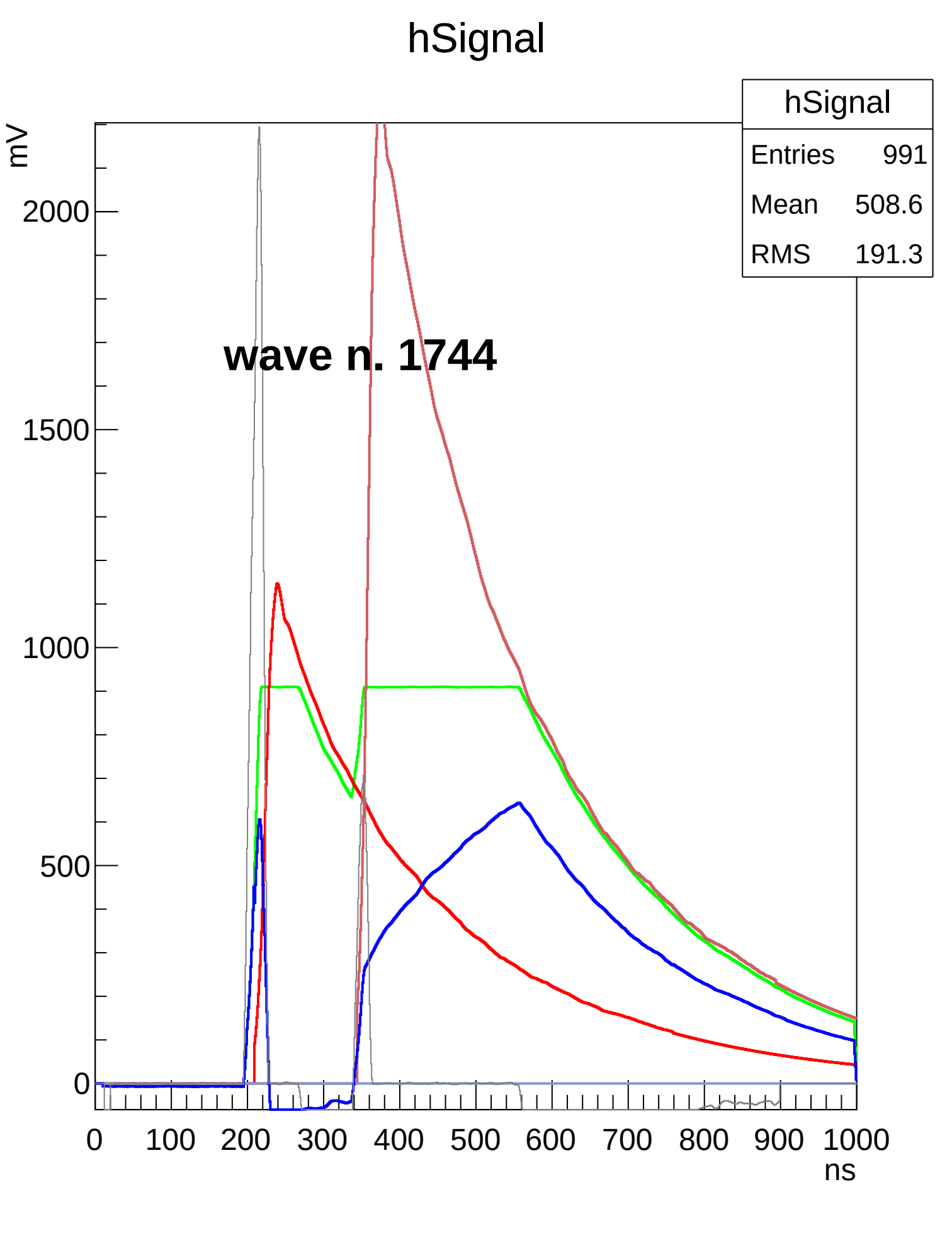
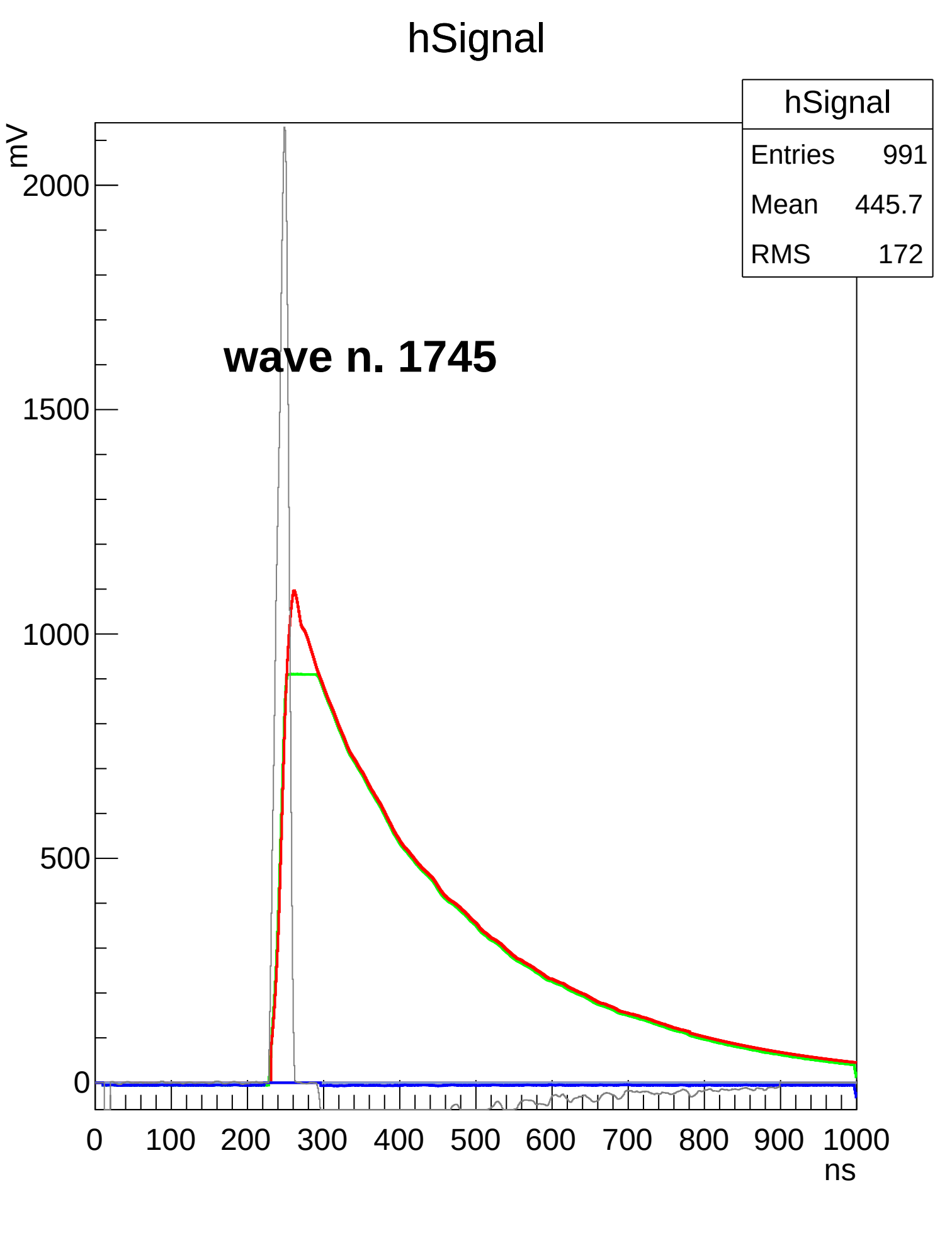
700
800
900
1000
ns

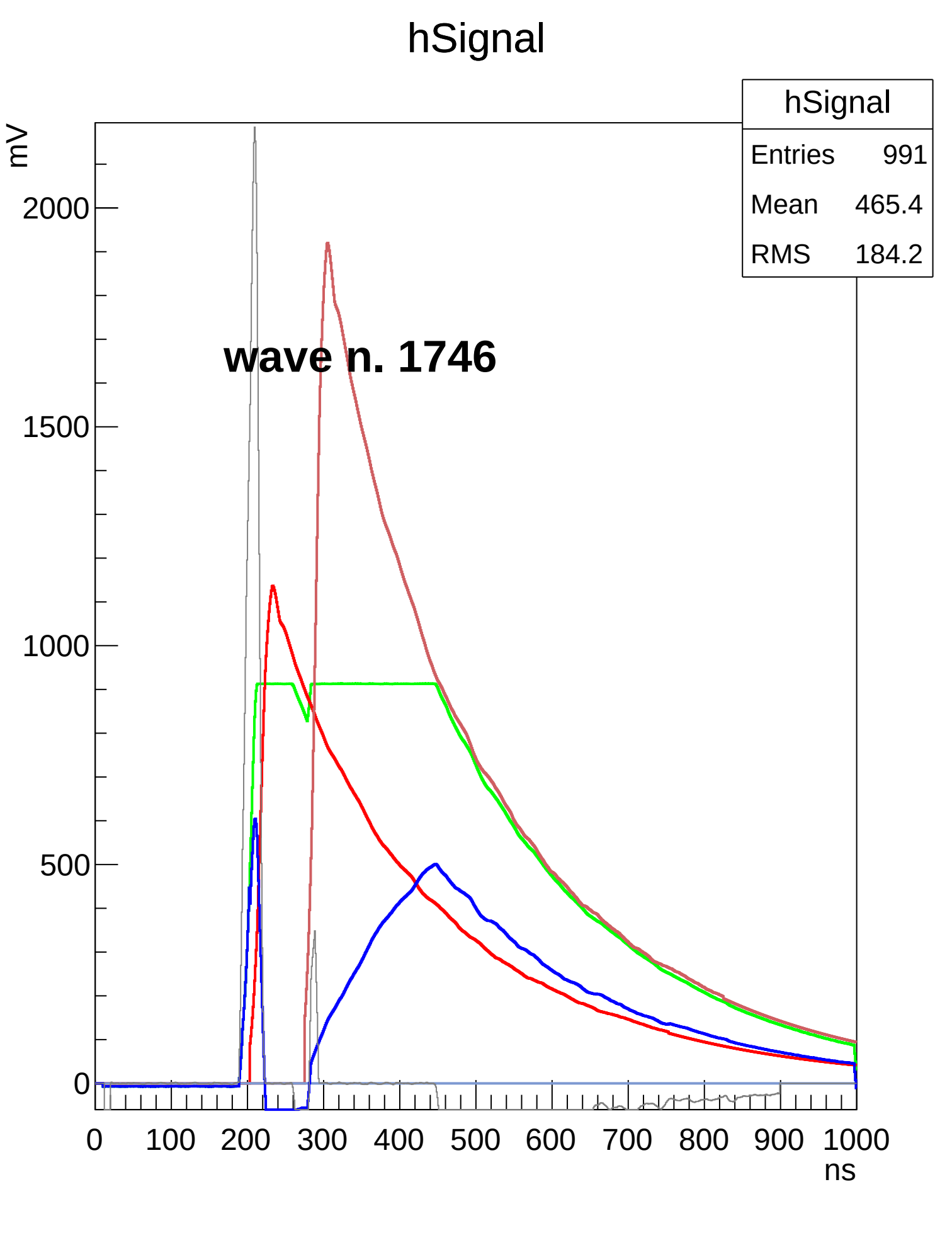

hSignal
hSignal
Entries 991
Mean 555
RMS 181.3
wave n. 1741
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 473.3
RMS 178.2
wave n. 1742
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.4
RMS 182.1
wave n. 1743
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 508.6
RMS 191.3
wave n. 1744
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 445.7
RMS 172
wave n. 1745
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 465.4
RMS 184.2
wave n. 1746
mV
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1500
1000
500
0
0
100
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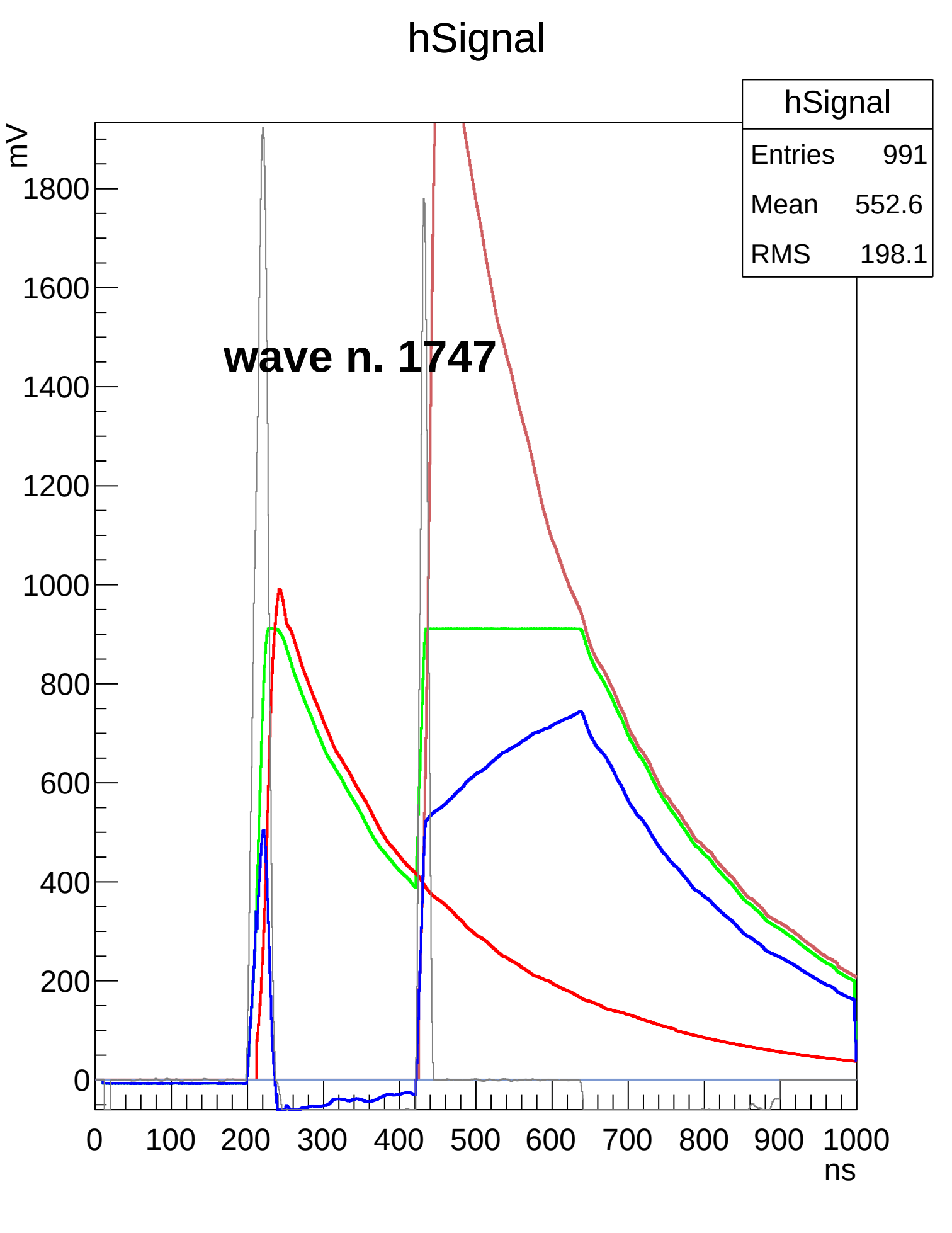
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.6
RMS 198.1
wave n. 1747
mV
1800
1600
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1000
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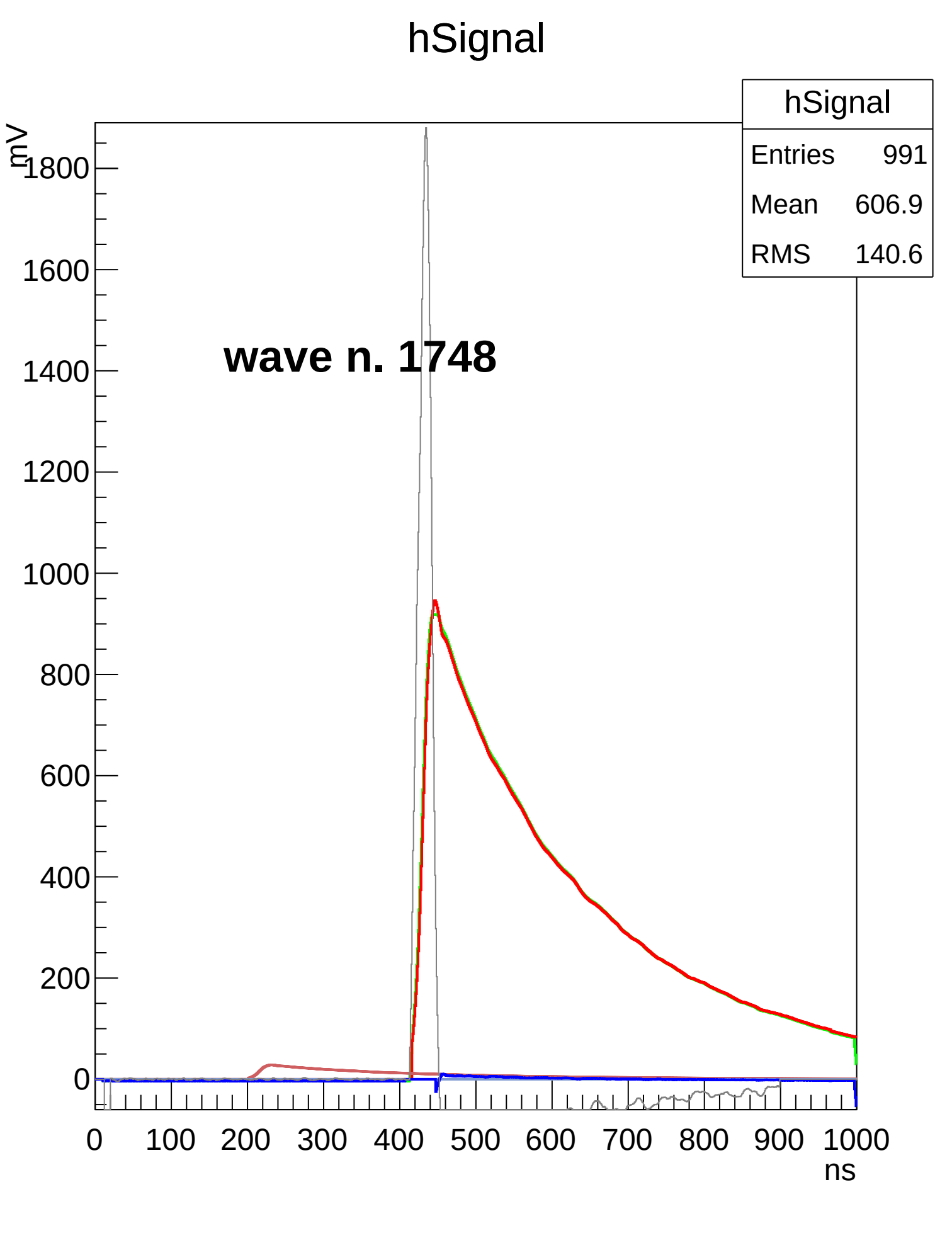
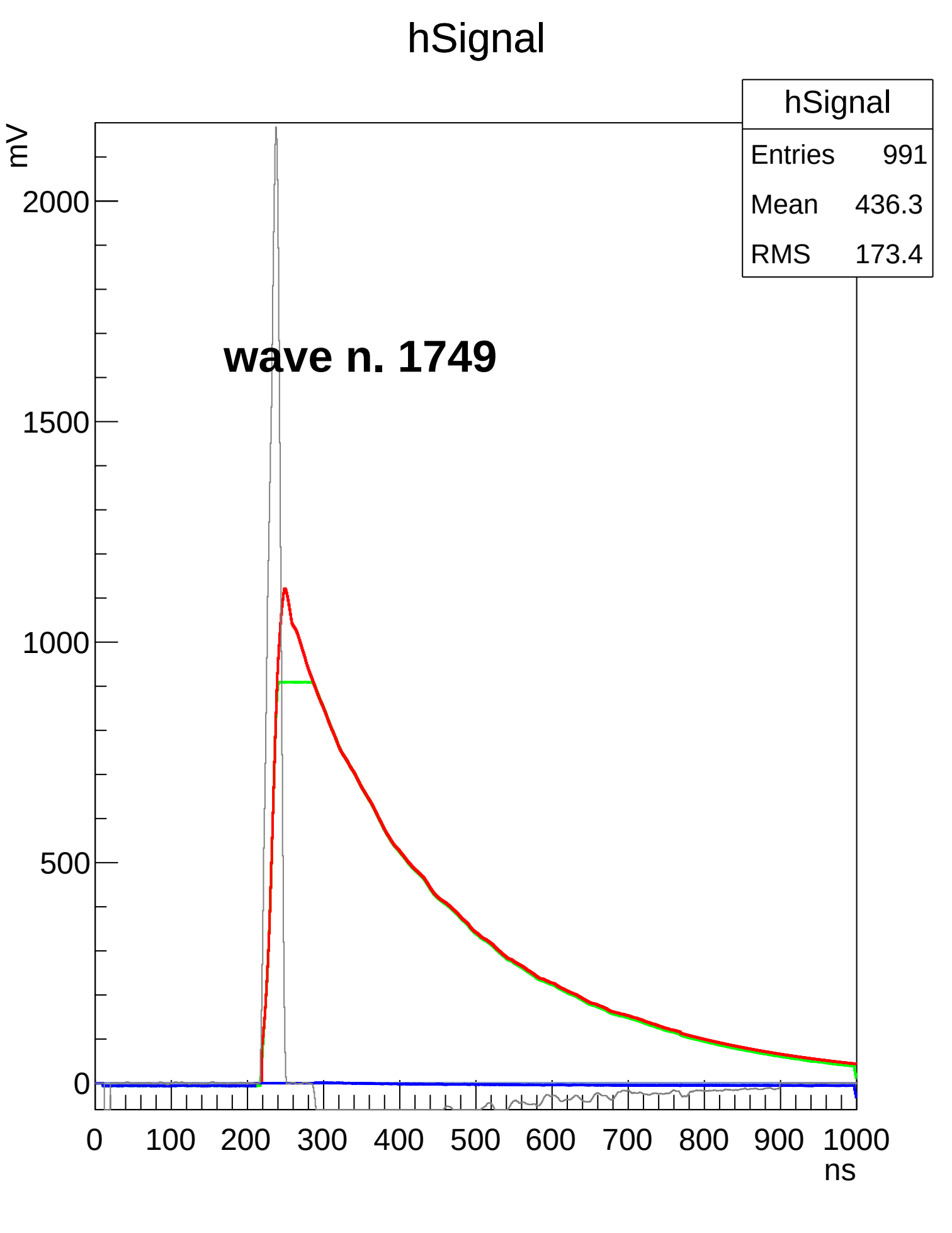
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 606.9
RMS 140.6
wave n. 1748
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 436.3
RMS 173.4
wave n. 1749
mV
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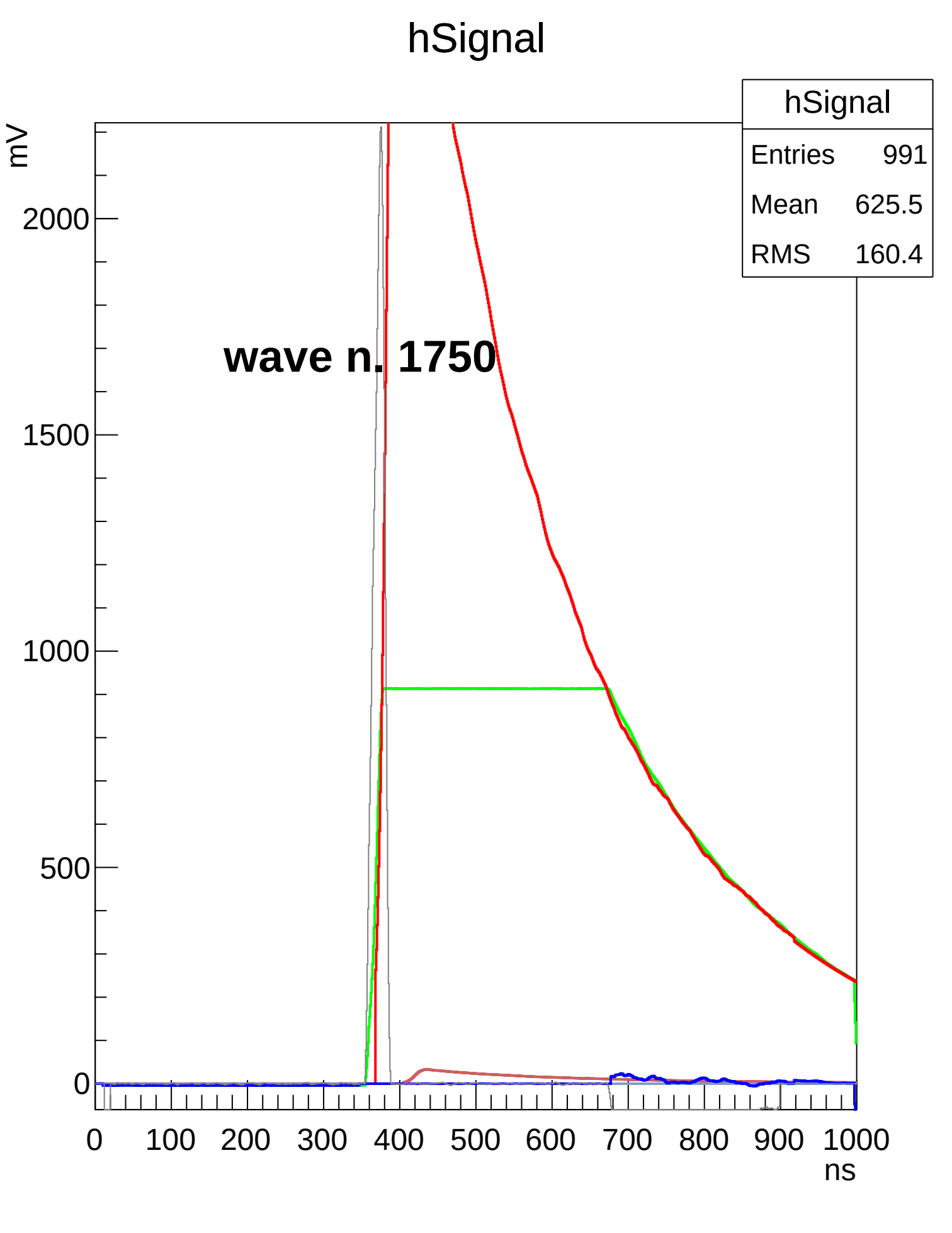
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 625.5
RMS 160.4
wave n. 1750
mV
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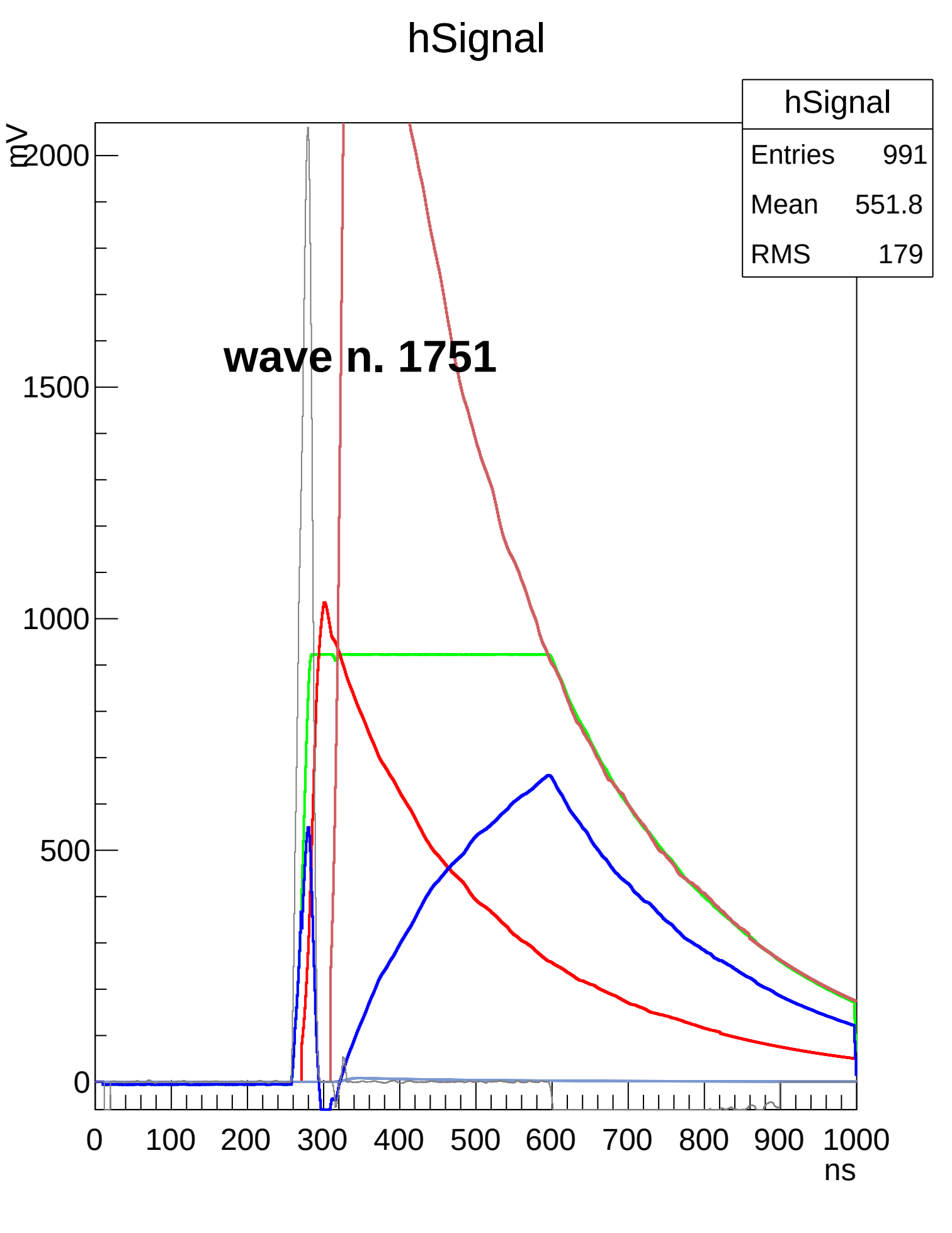
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 551.8
RMS 179
wave n. 1751
mV
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1500
1000
500
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0
100
200
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400
500
600
700
800
900
1000
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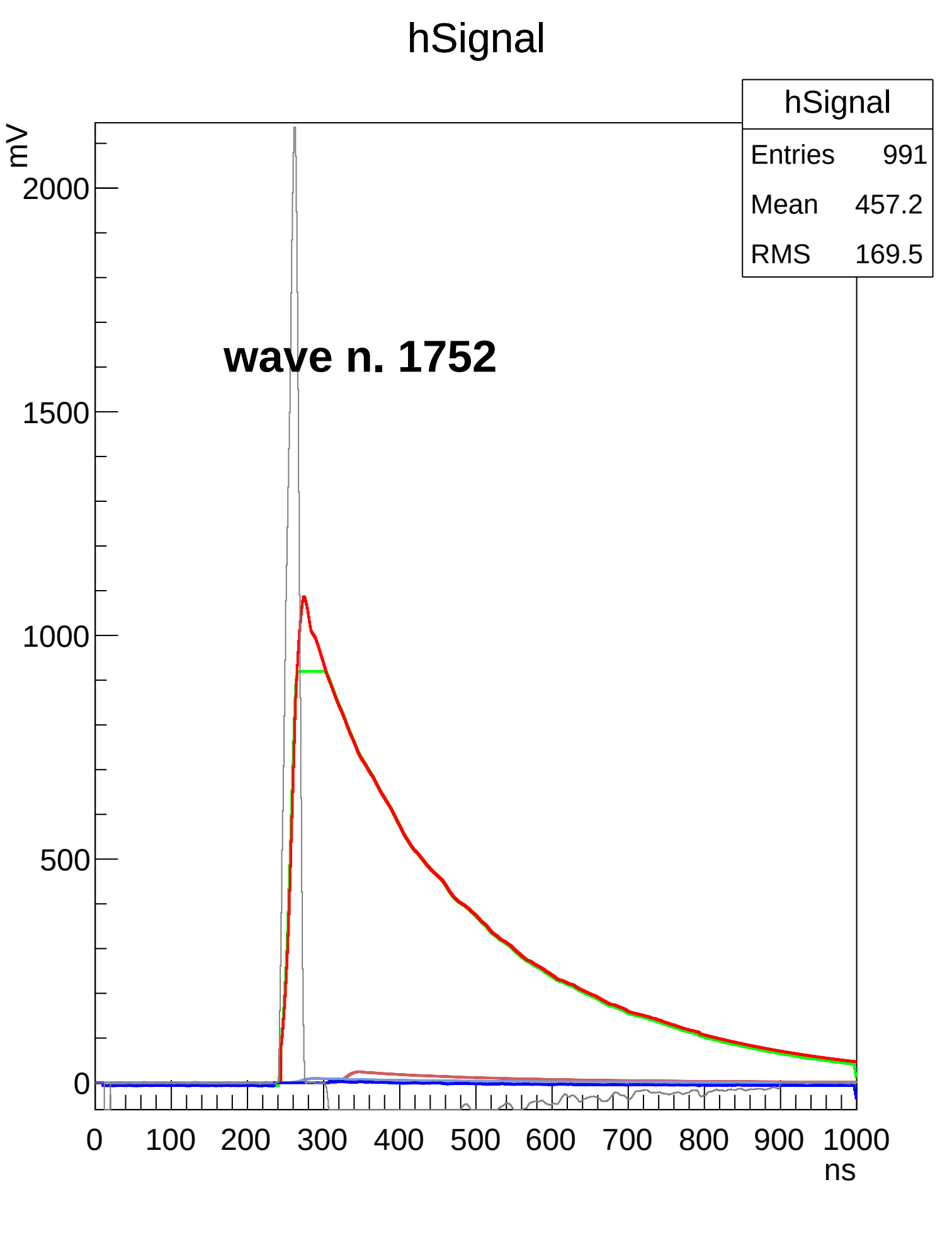
hSignal
hSignal
Entries 991
Mean 457.2
RMS 169.5
wave n. 1752
mV
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1500
1000
500
0
0
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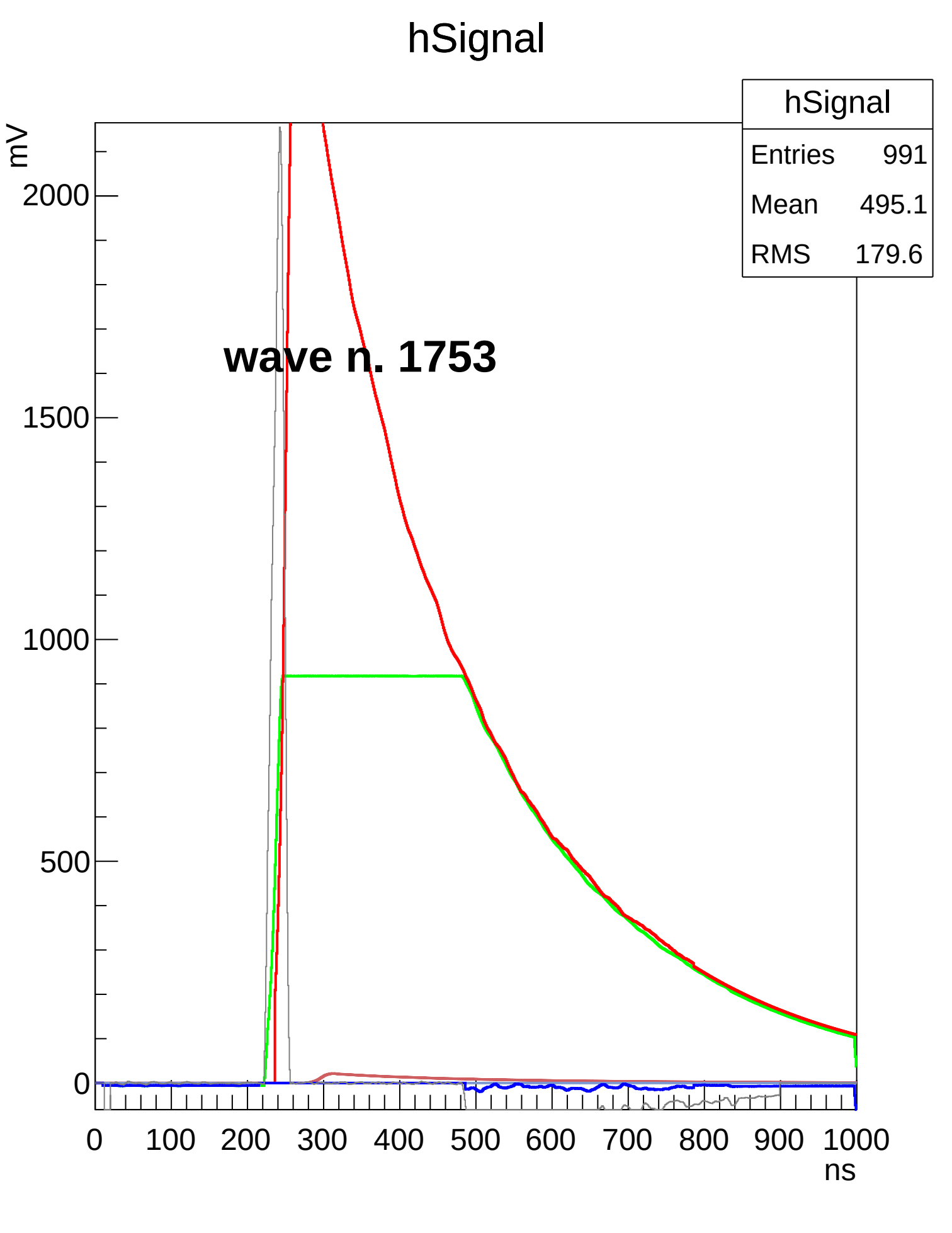
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 495.1
RMS 179.6
wave n. 1753
mV
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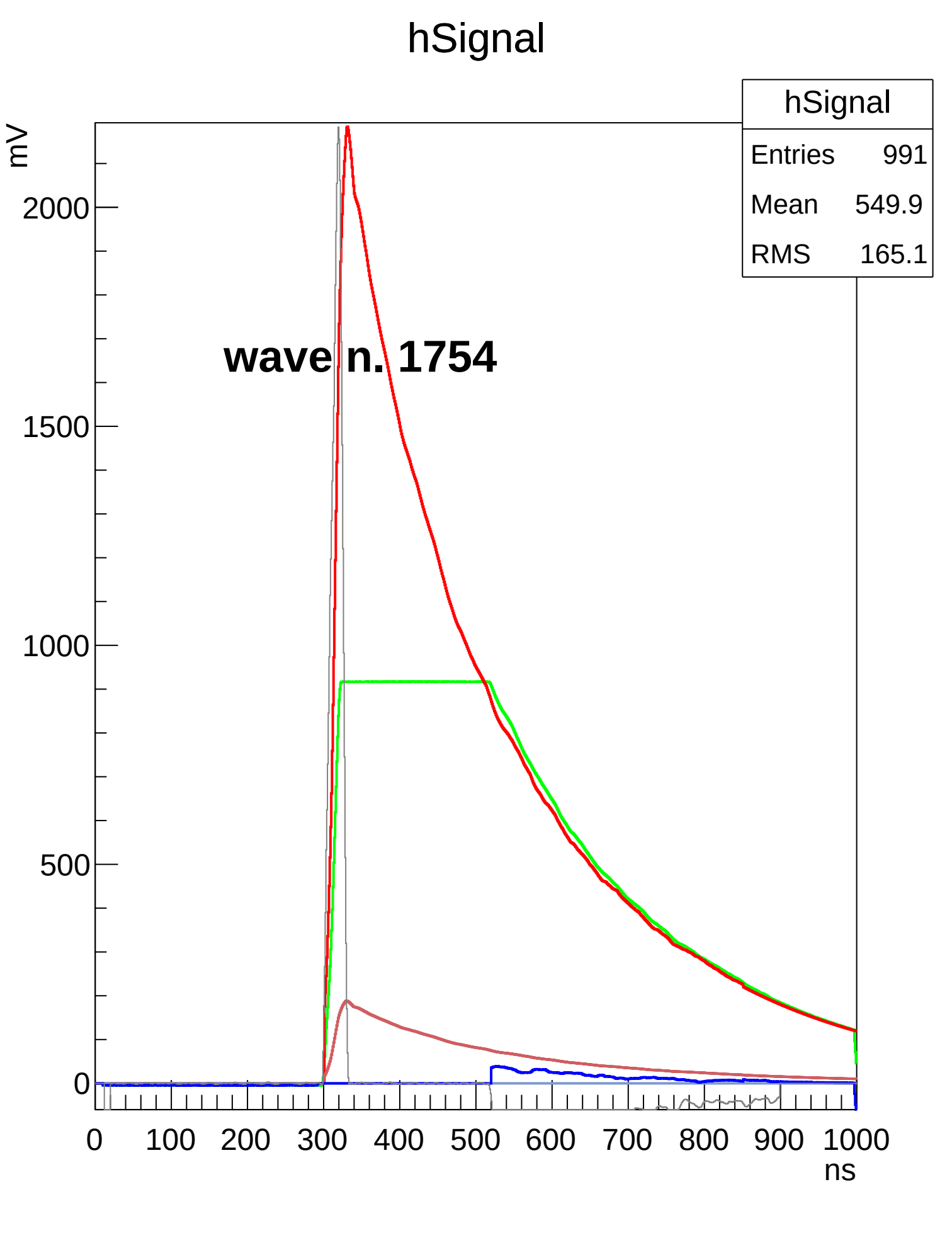
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.9
RMS 165.1
wave n. 1754
mV
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0
100
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400
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800
900
1000
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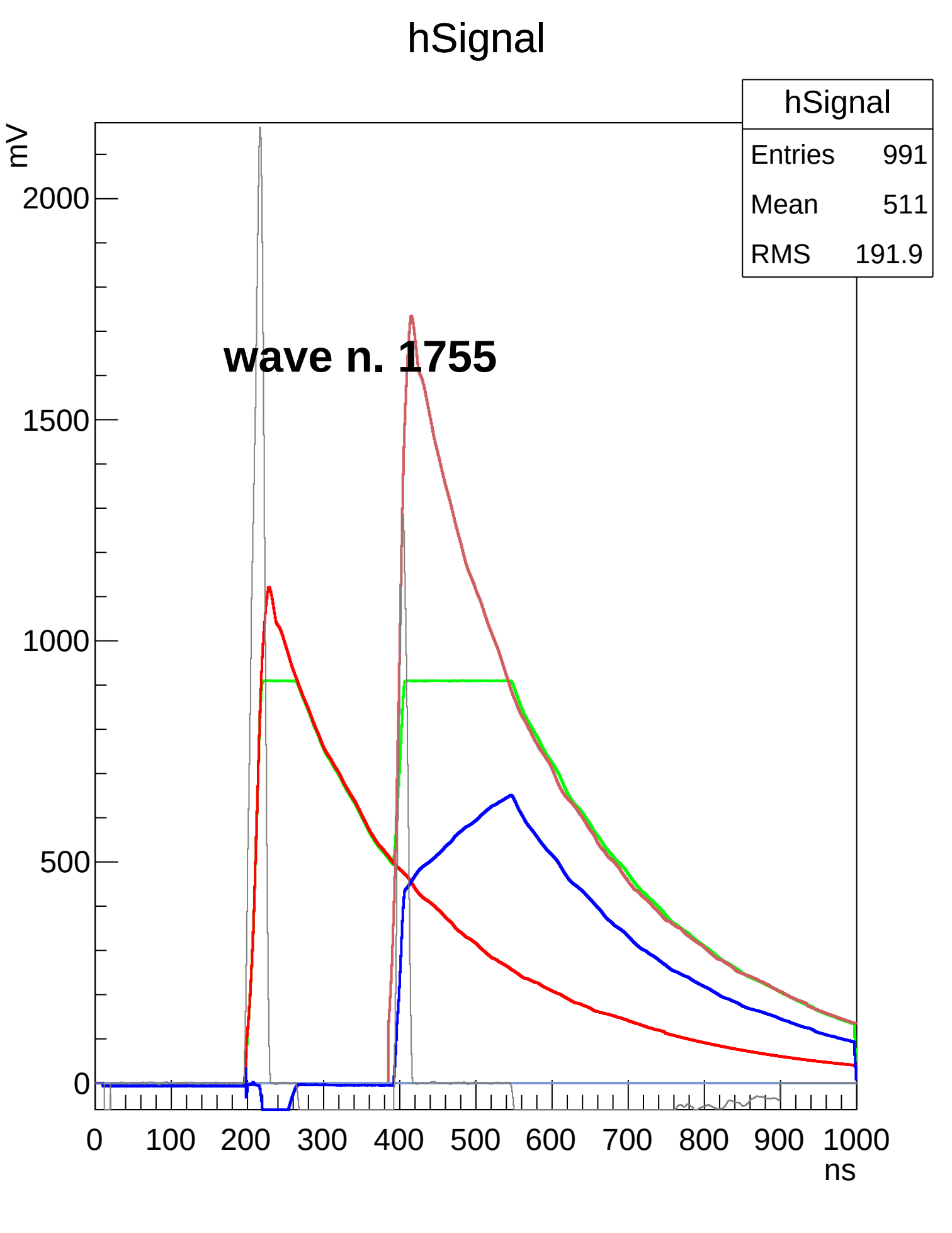
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hSignal
Entries 991
Mean 511
RMS 191.9
wave n. 1755
mV
2000
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1000
500
0
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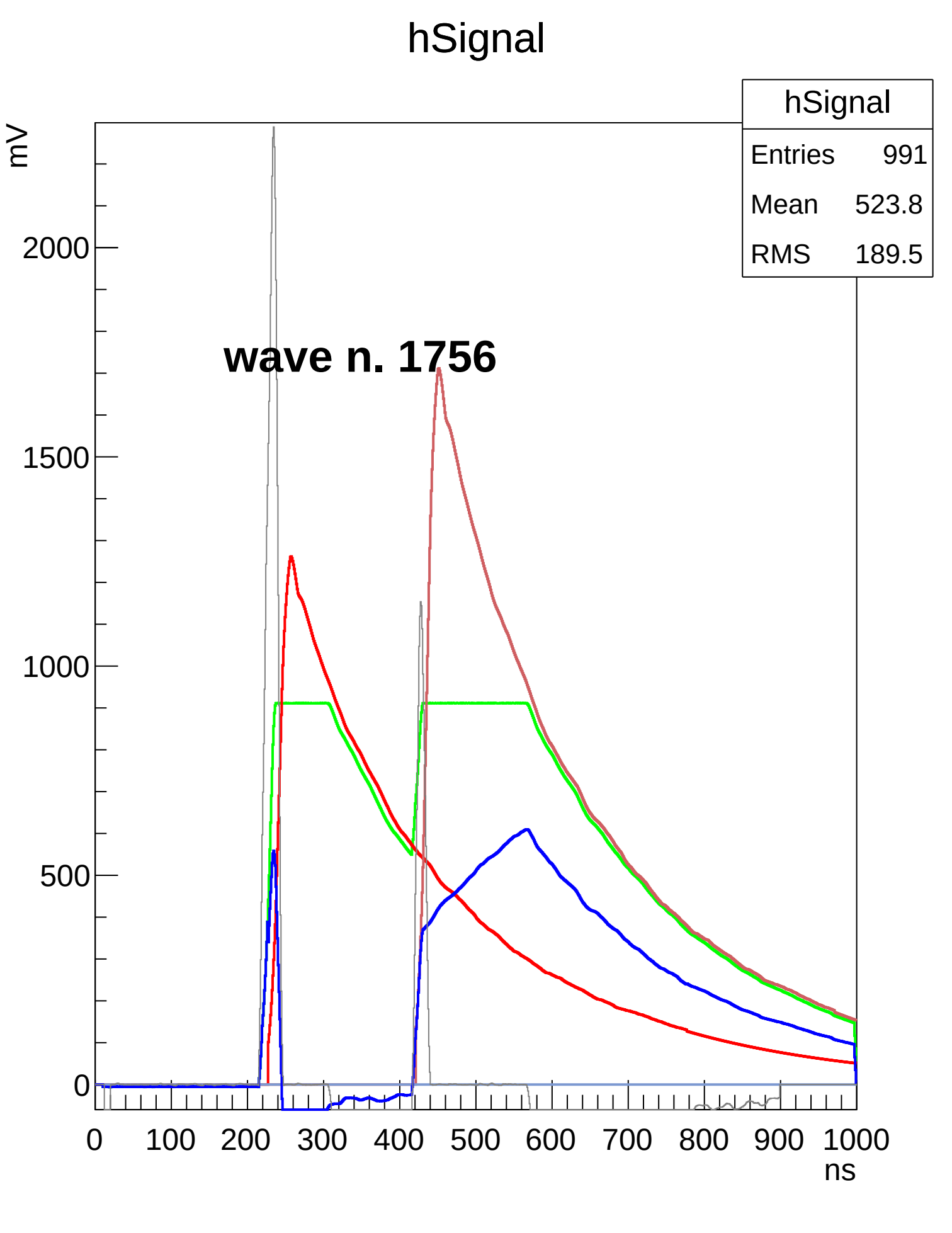
ns


hSignal
hSignal
Entries 991
Mean 523.8
RMS 189.5
wave n. 1756
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1000
500
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0
100
200
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400
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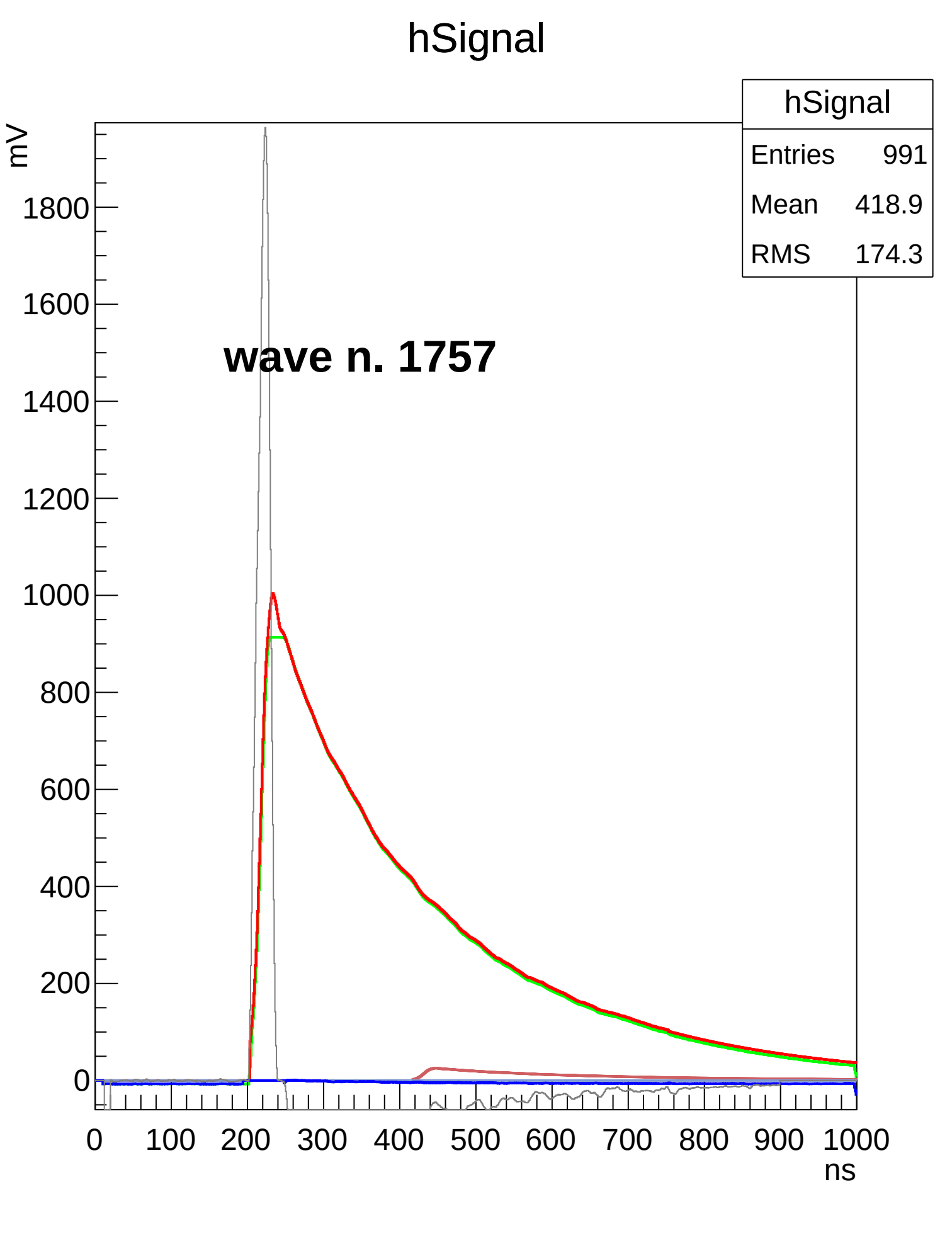
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 418.9
RMS 174.3
wave n. 1757
mV
1800
1600
1400
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600
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200
0
0
100
200
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400
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800
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1000
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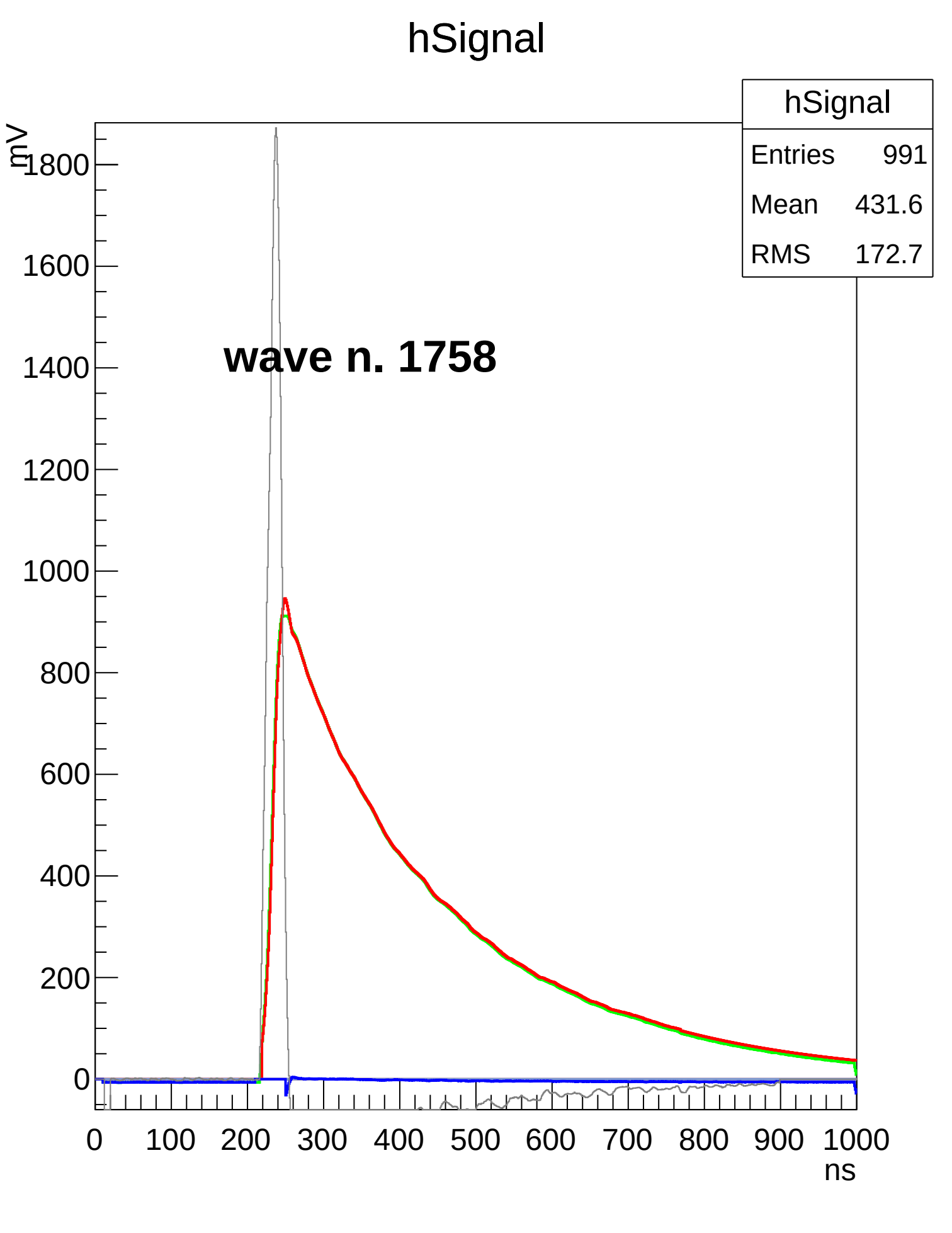
hSignal
hSignal
Entries 991
Mean 431.6
RMS 172.7
wave n. 1758
mV
1800
1600
1400
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600
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200
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0
100
200
300
400
500
600
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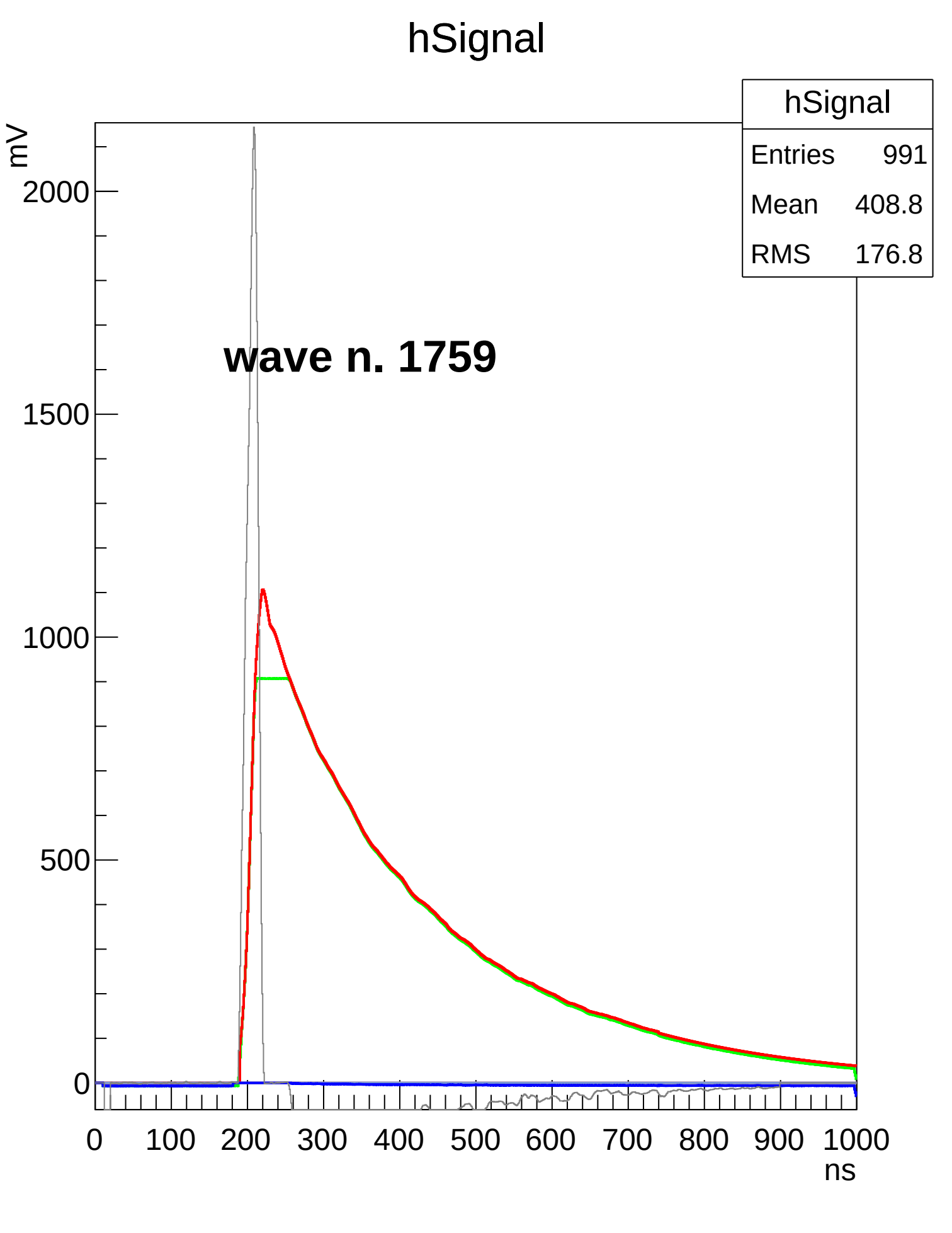
900
1000
ns


hSignal
hSignal
Entries 991
Mean 408.8
RMS 176.8
wave n. 1759
mV
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1500
1000
500
0
0
100
200
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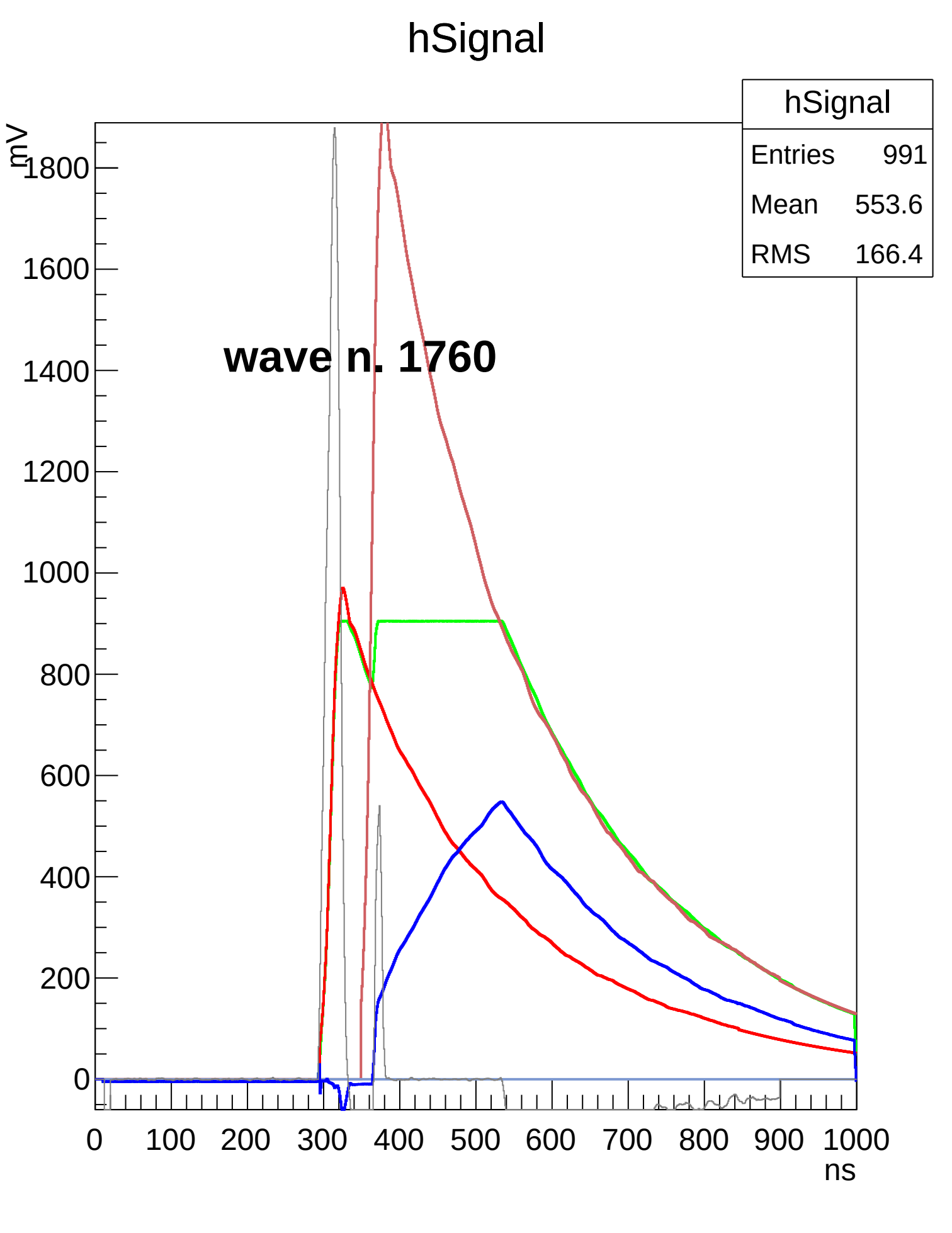
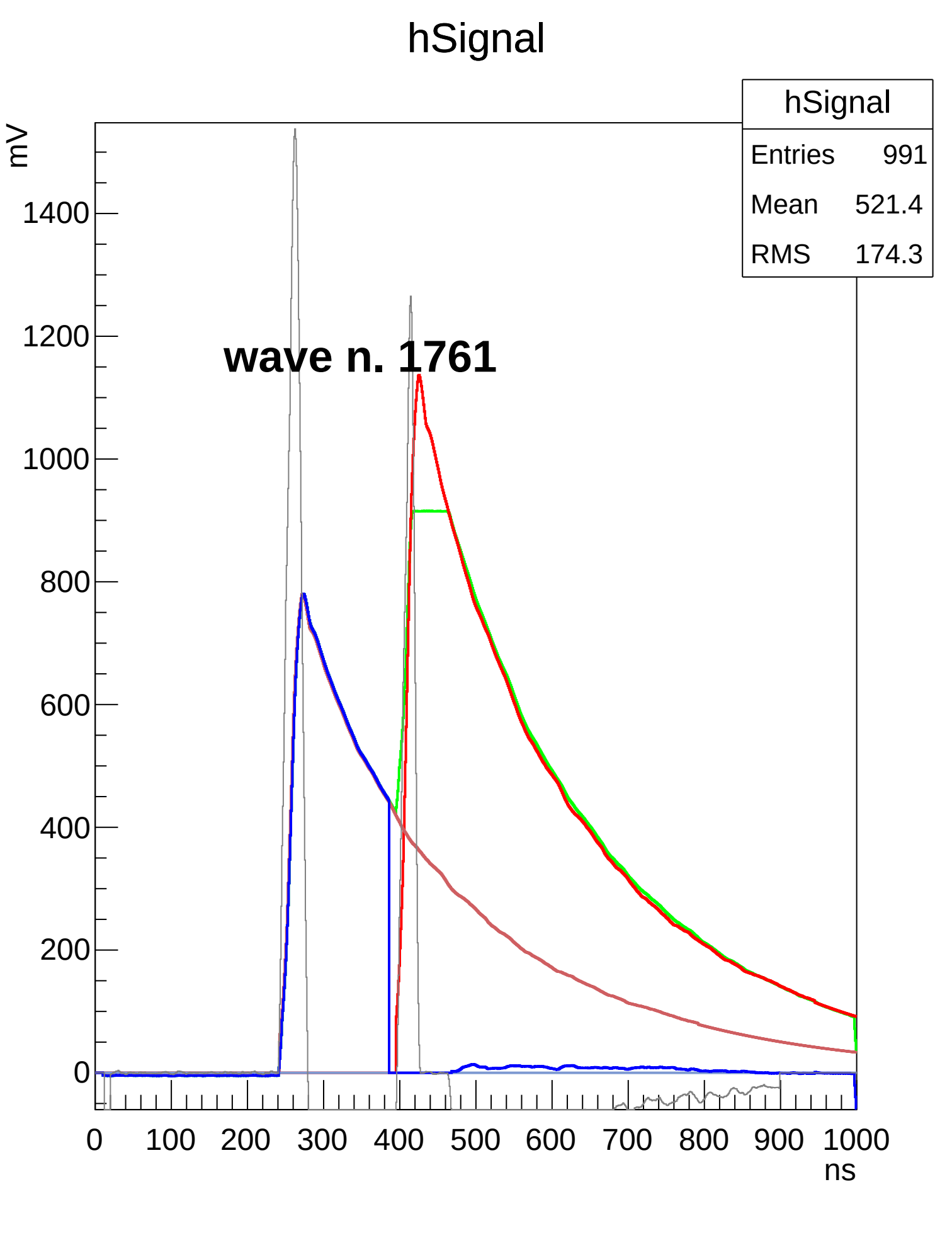
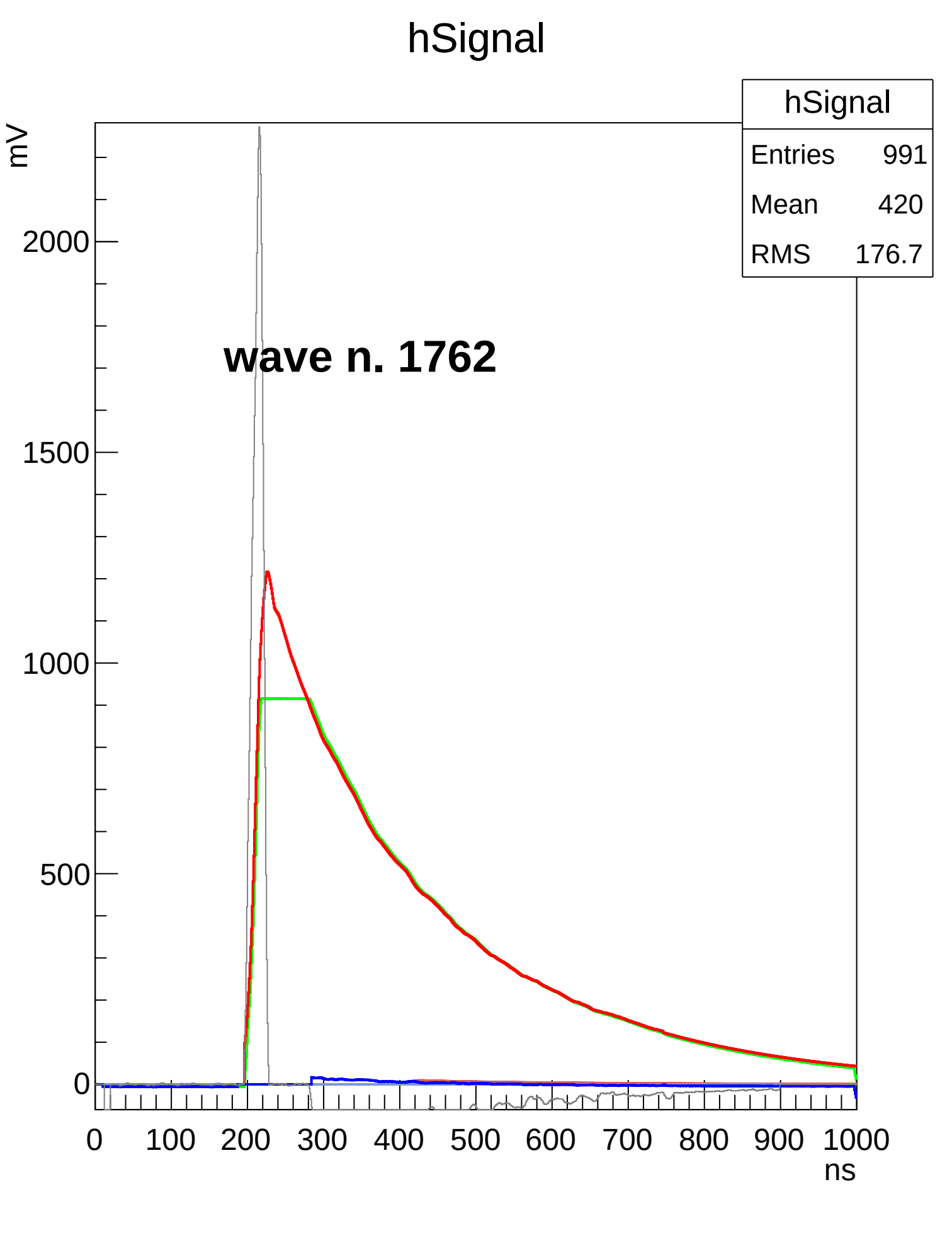
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.6
RMS 166.4
wave n. 1760
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 521.4
RMS 174.3
wave n. 1761
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 420
RMS 176.7
wave n. 1762
mV
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1500
1000
500
0
0
100
200
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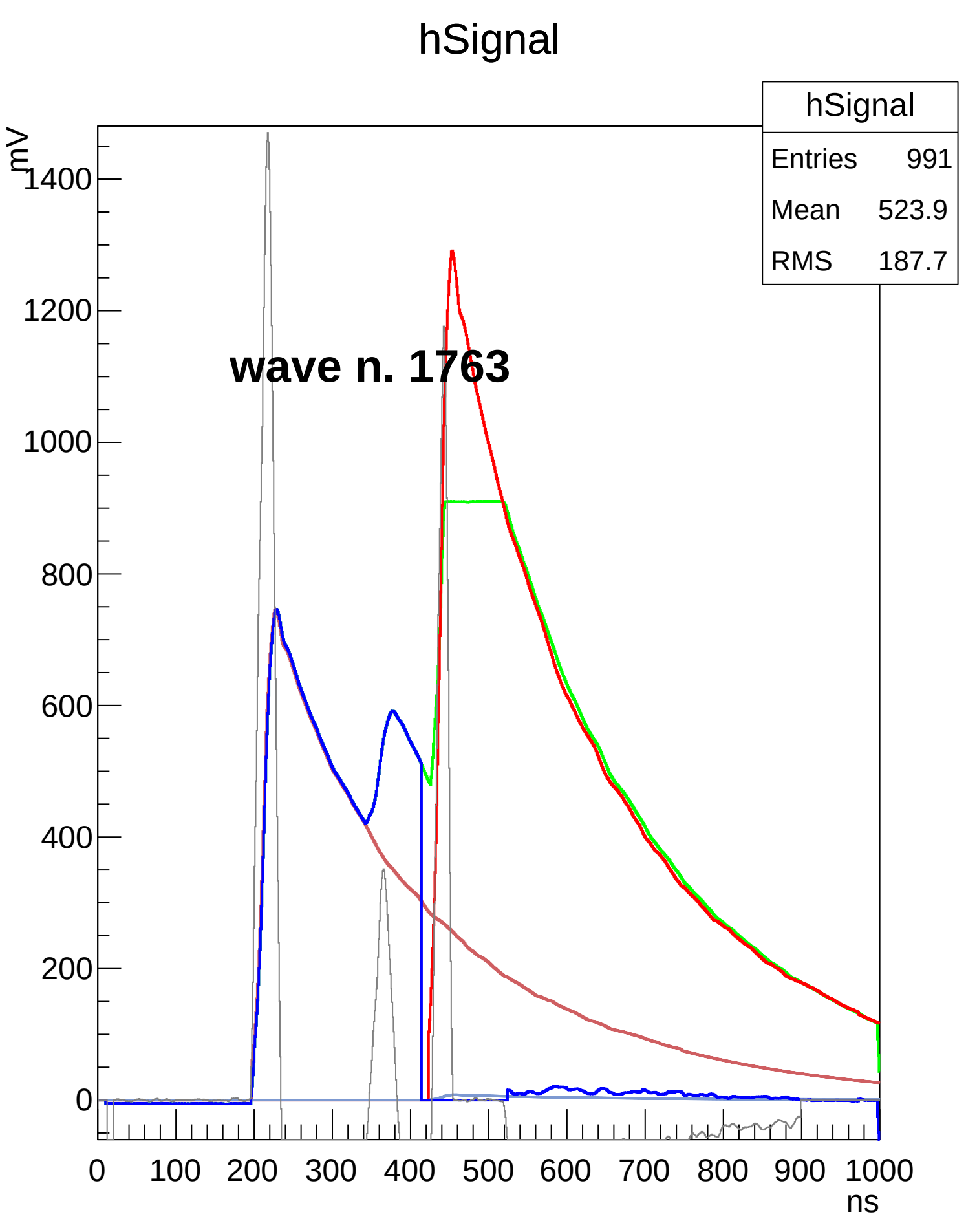
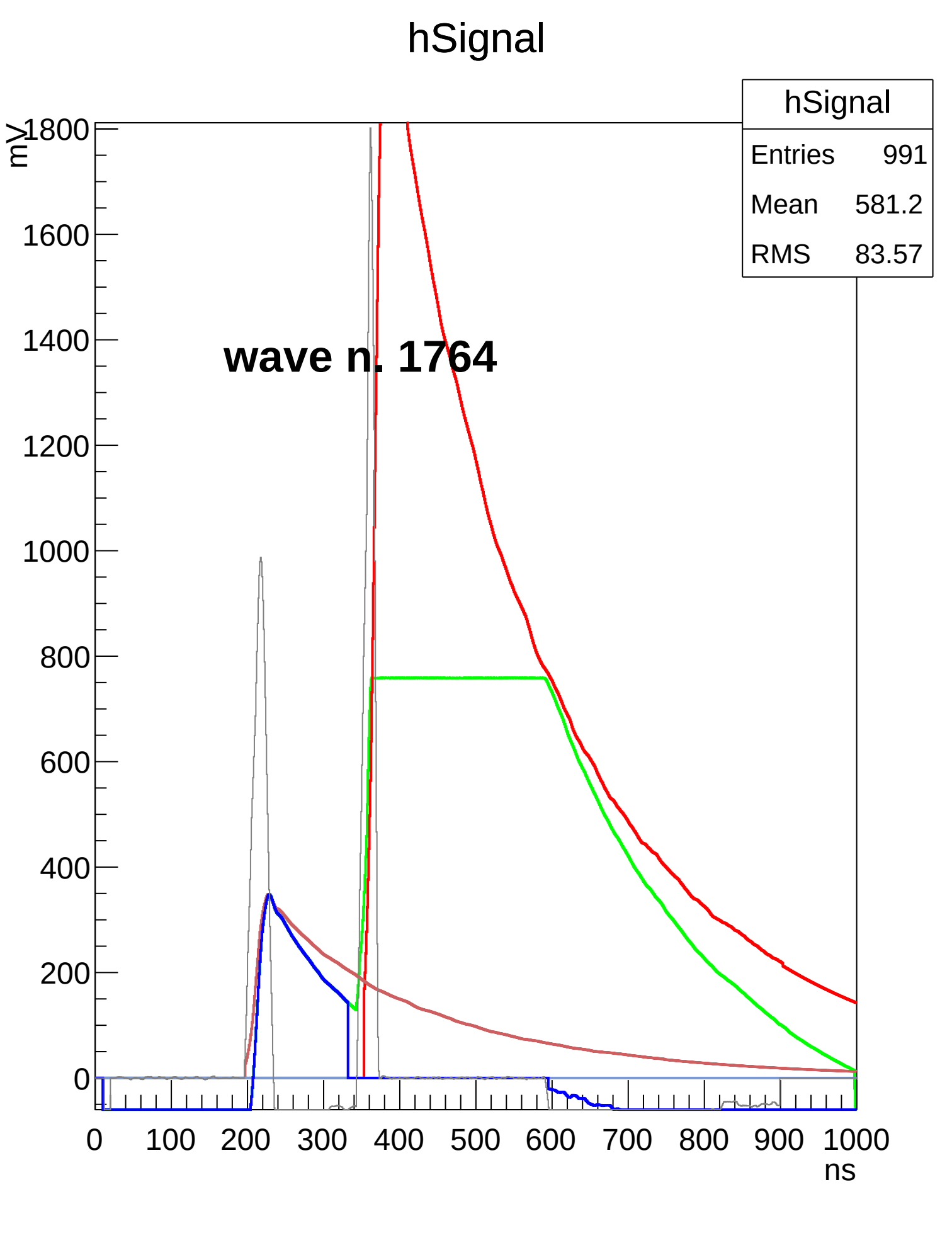
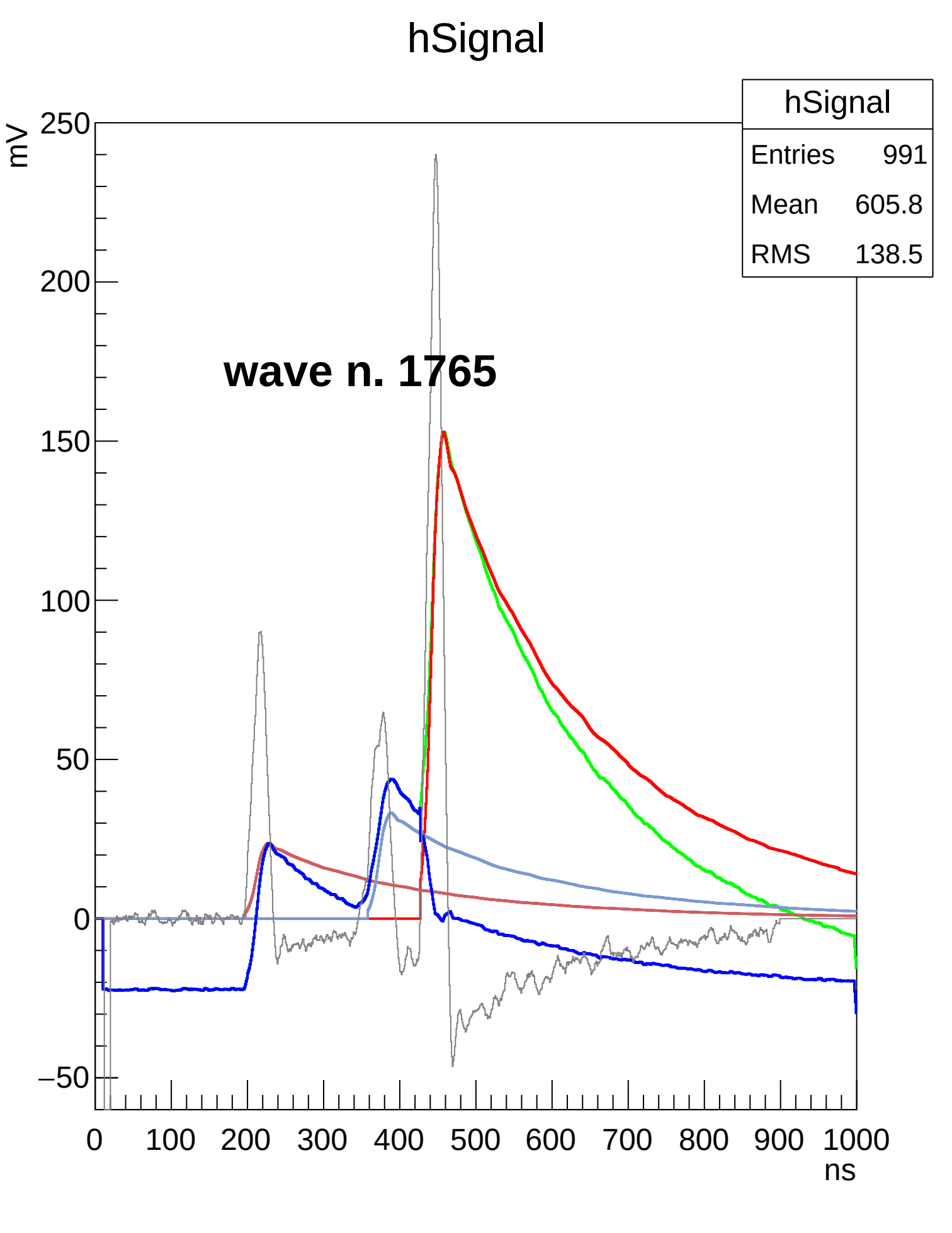
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 523.9
RMS 187.7
wave n. 1763
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 581.2
RMS 83.57
wave n. 1764
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 605.8
RMS 138.5
wave n. 1765
mV
250
200
150
100
50
0
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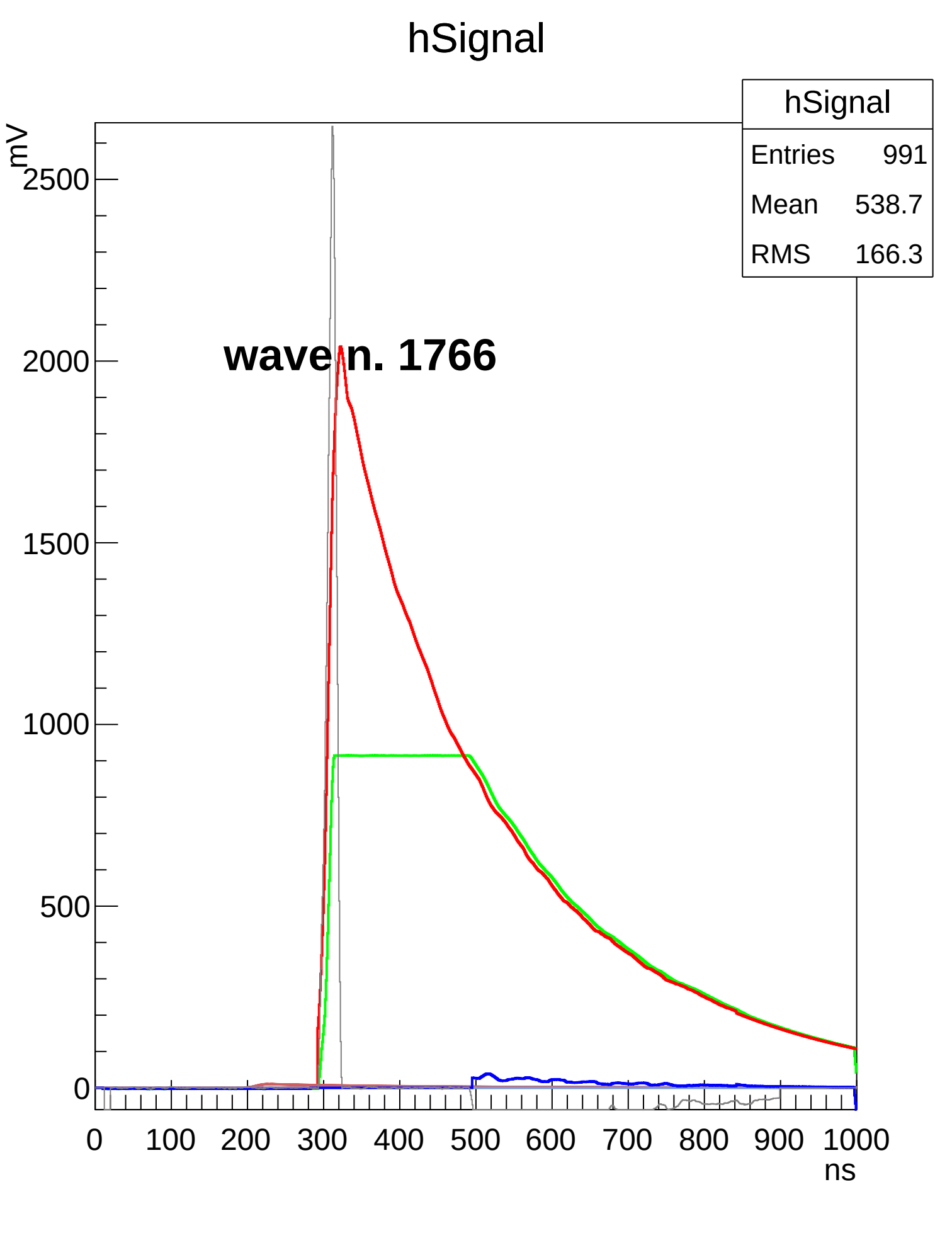
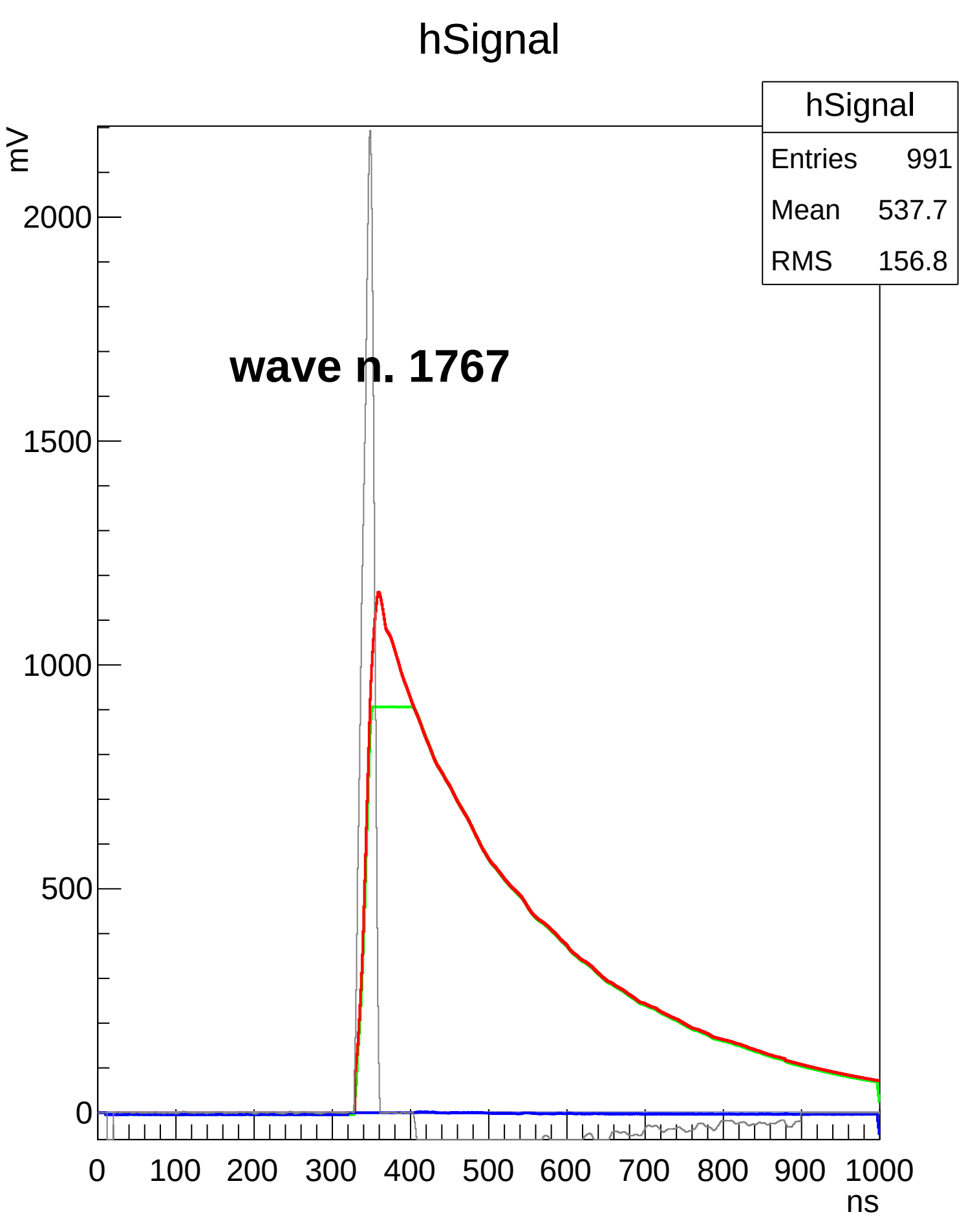
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 538.7
RMS 166.3
wave n. 1766
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 537.7
RMS 156.8
wave n. 1767
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1000
500
0
0
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200
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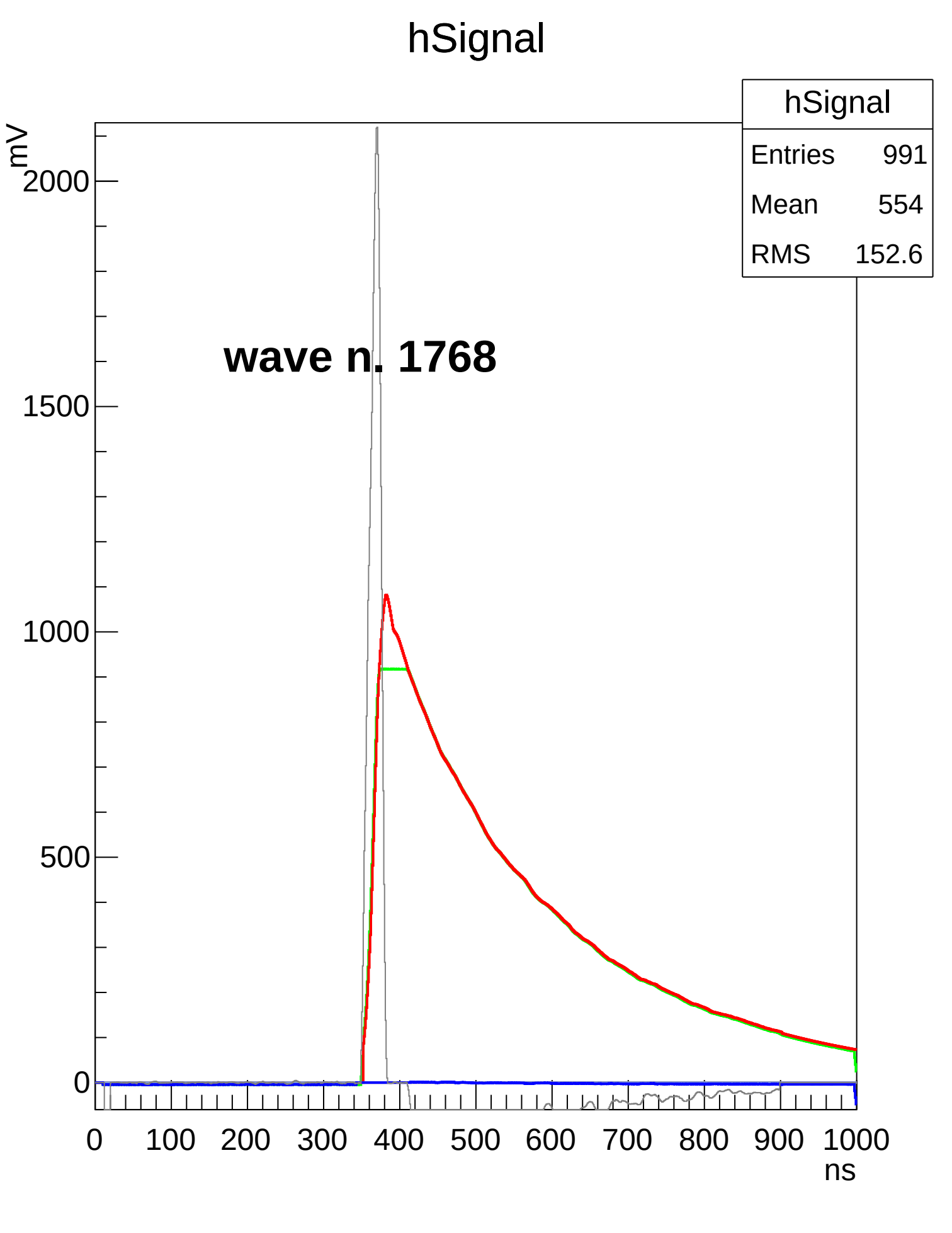
400
500
600
700
800
900
1000
ns


hSignal
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Entries 991
Mean 554
RMS 152.6
wave n. 1768
mV
2000
1500
1000
500
0
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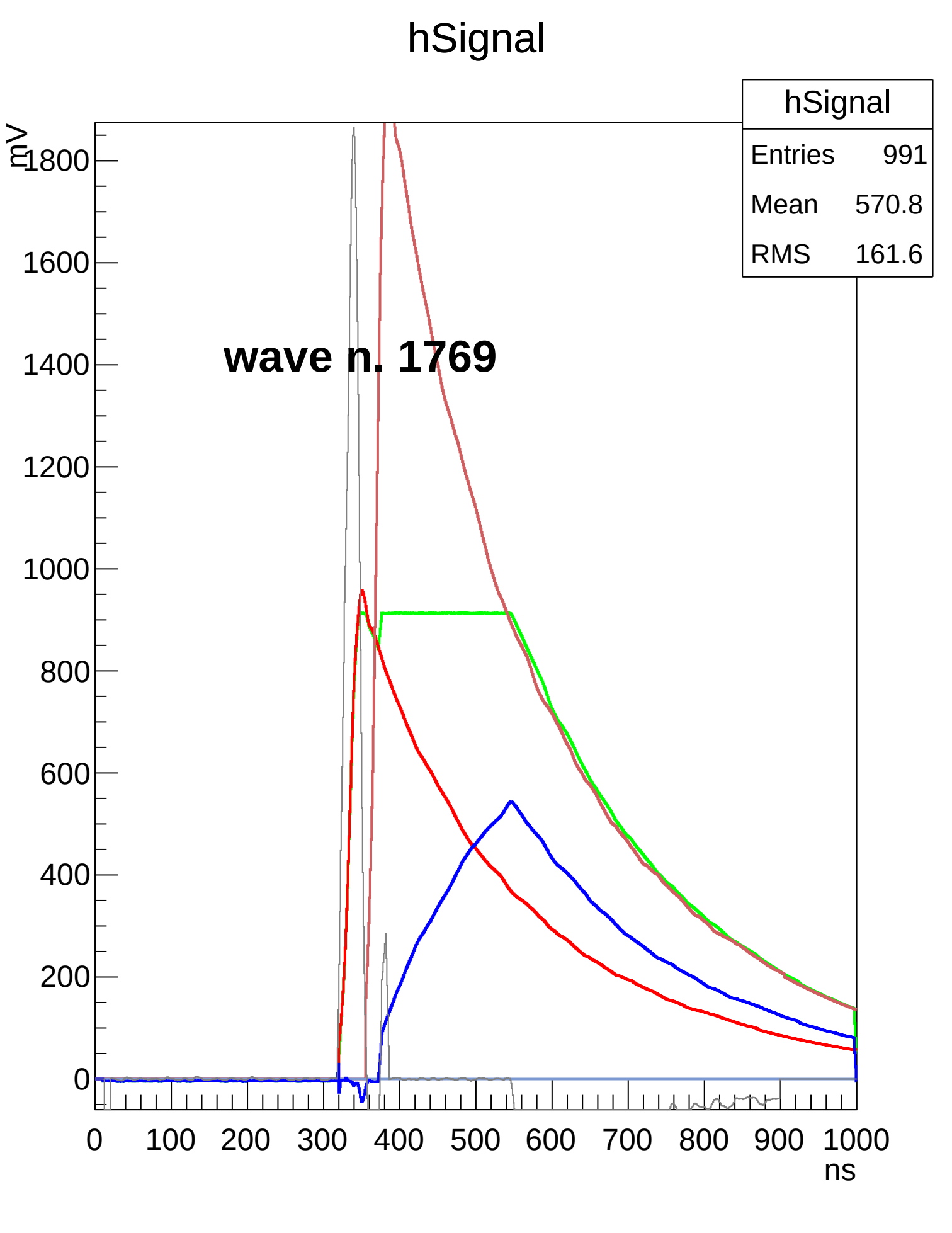
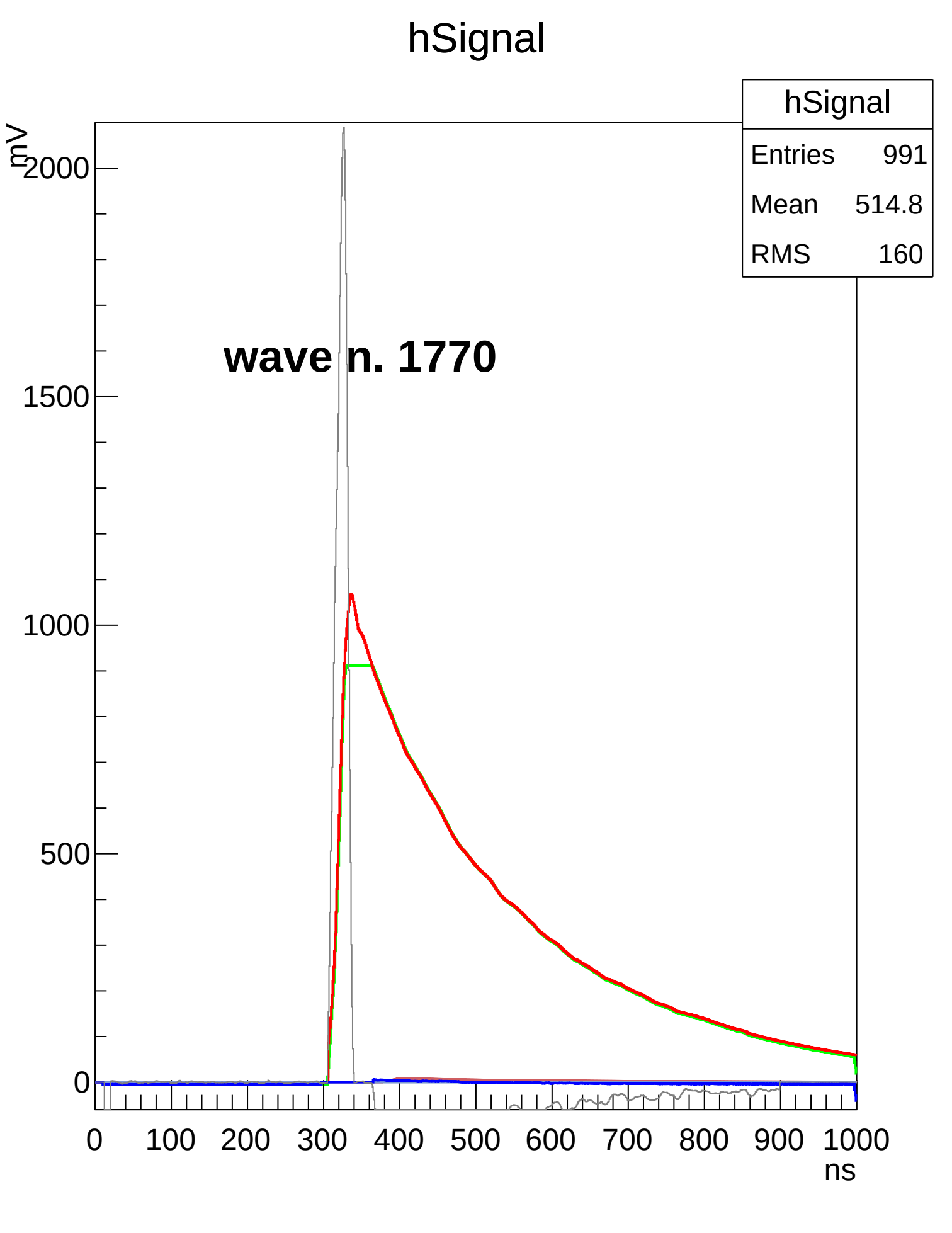
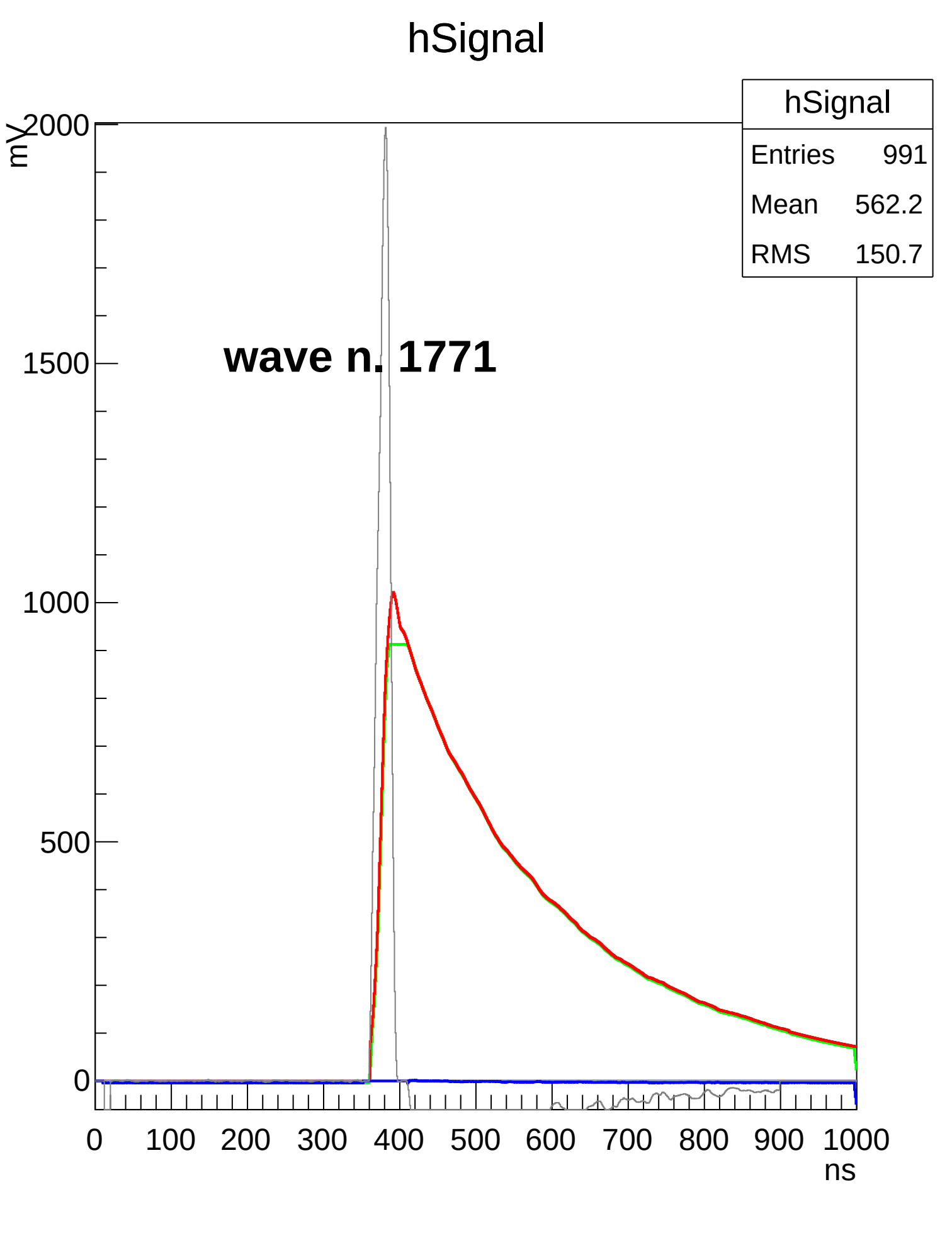
ns


hSignal
hSignal
Entries 991
Mean 570.8
RMS 161.6
wave n. 1769
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 514.8
RMS 160
wave n. 1770
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 562.2
RMS 150.7
wave n. 1771
mV
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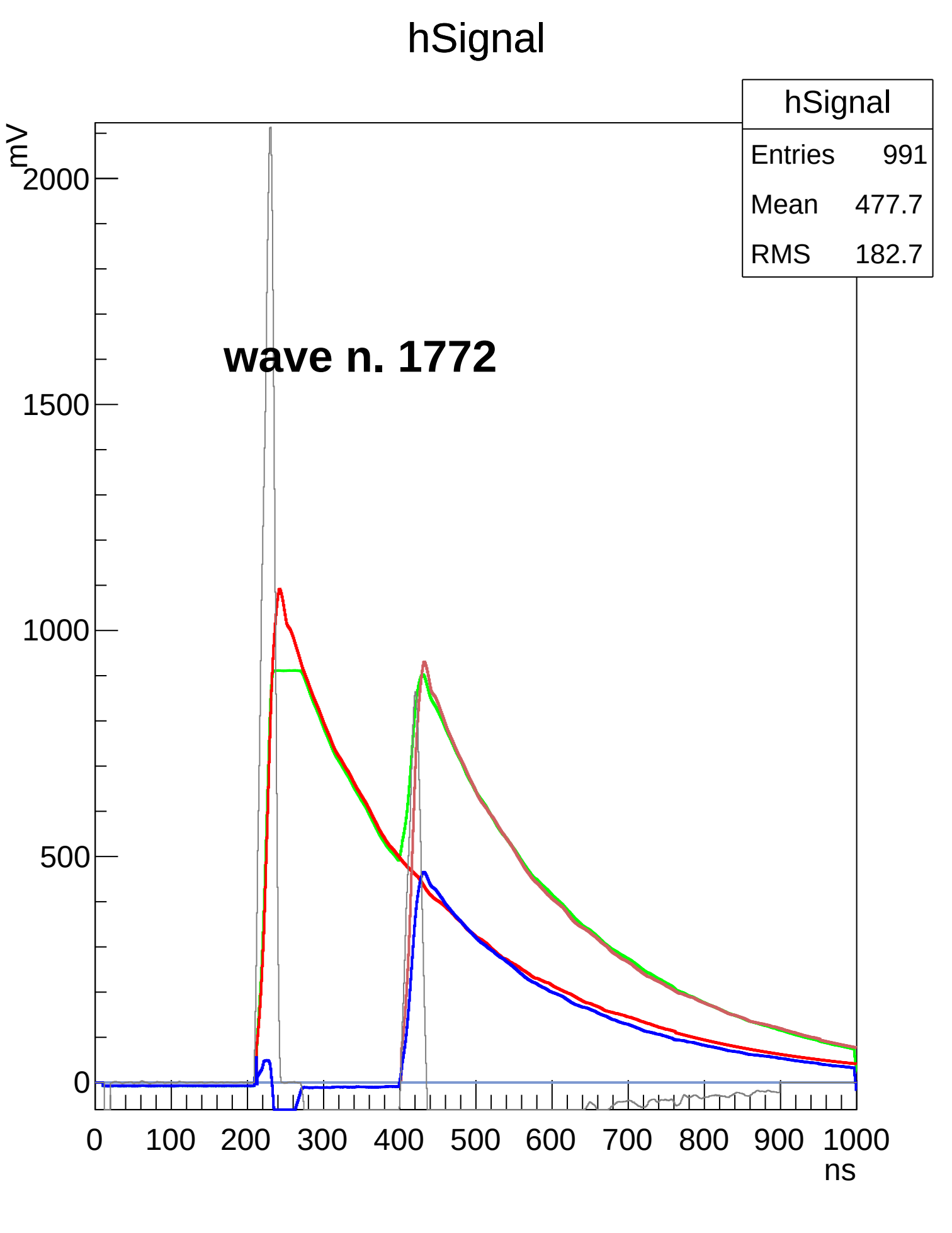
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 477.7
RMS 182.7
wave n. 1772
mV
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1500
1000
500
0
0
100
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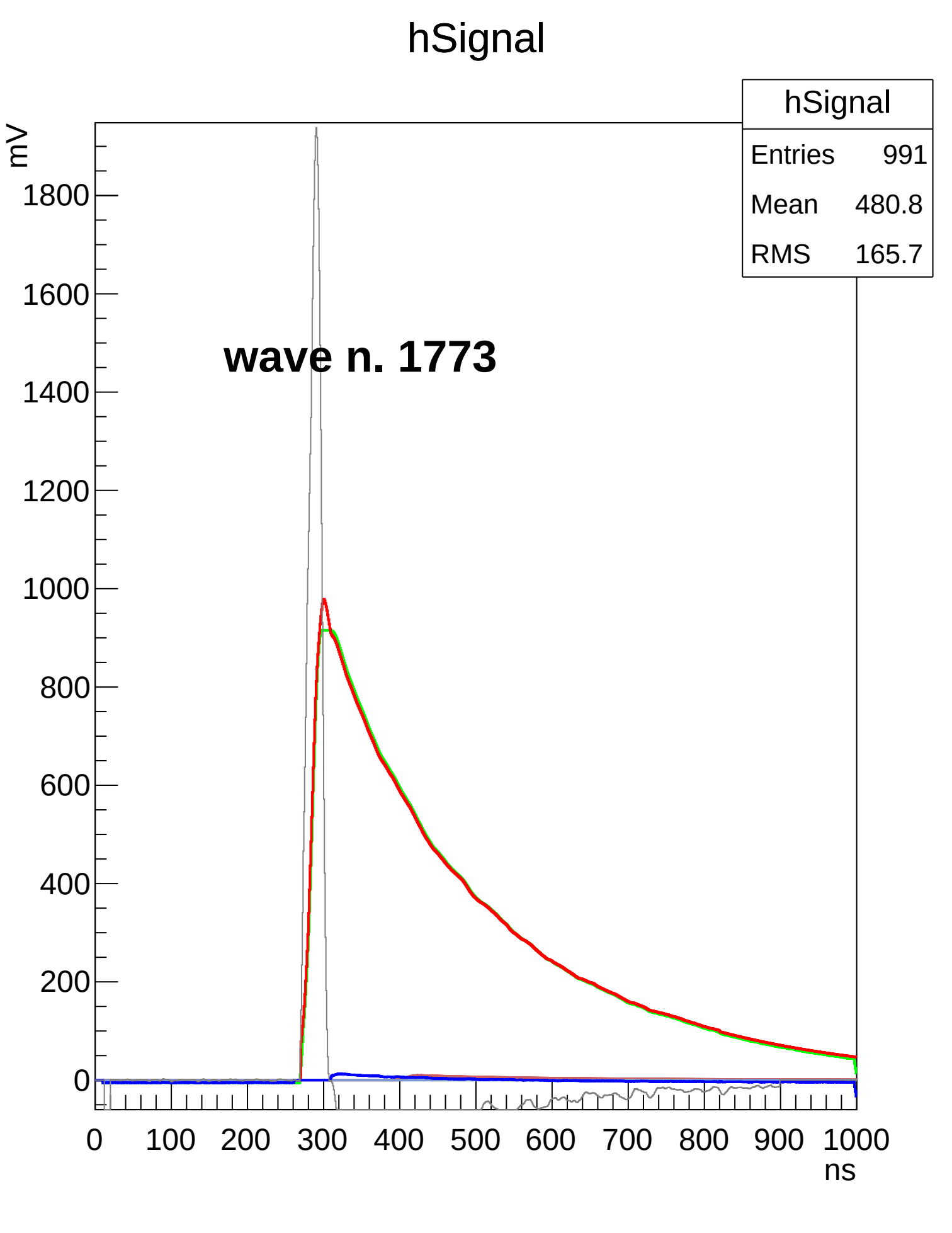
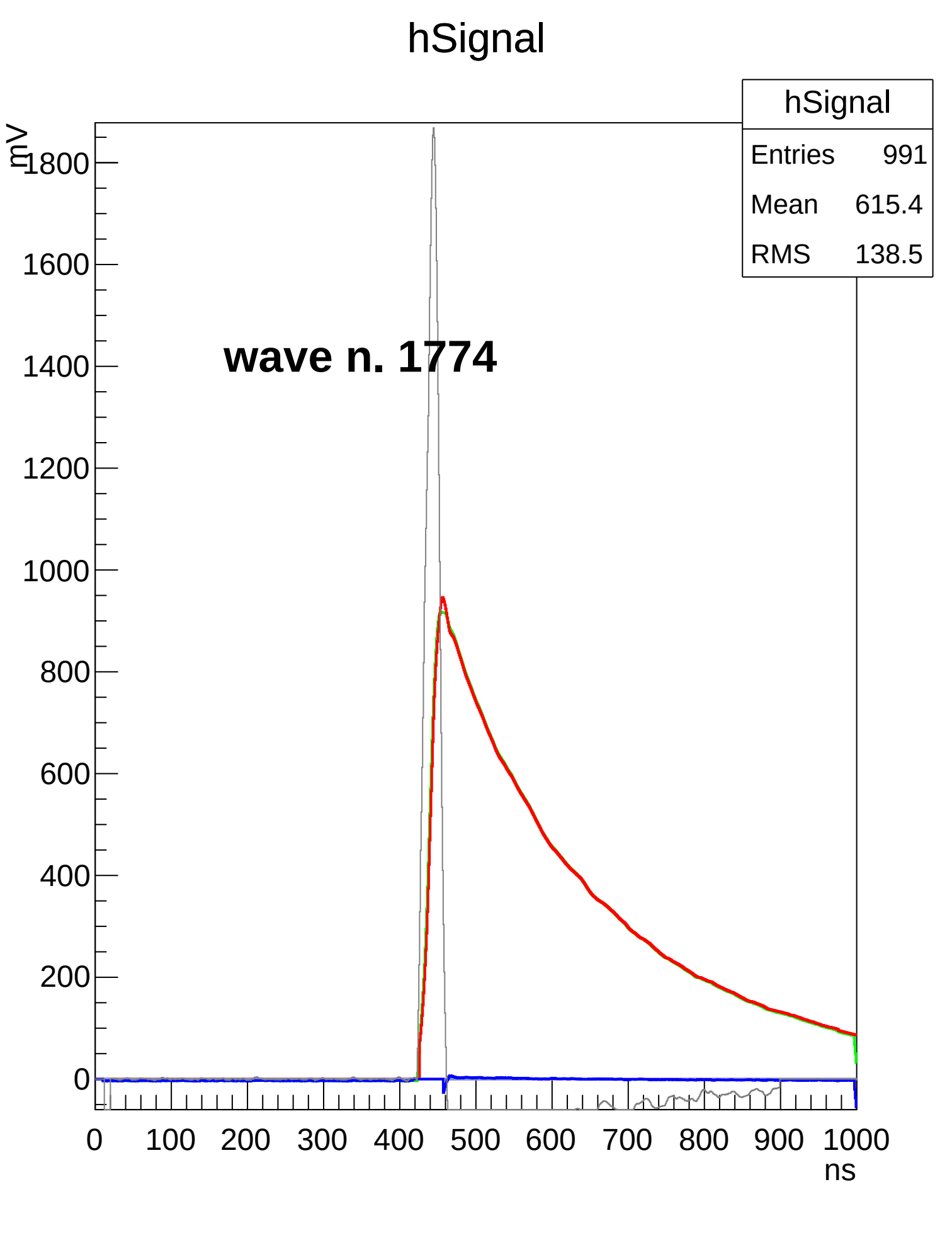
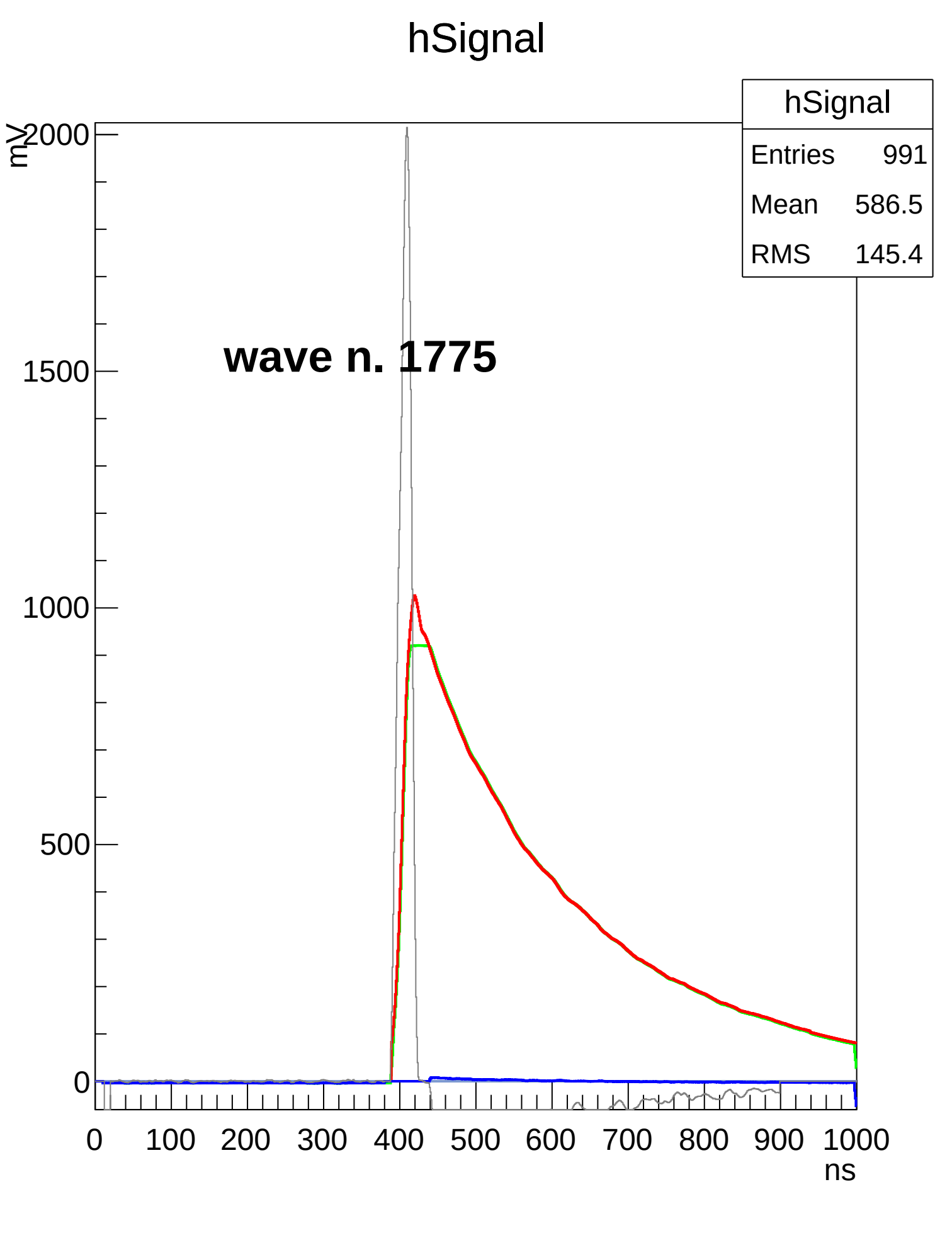
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 480.8
RMS 165.7
wave n. 1773
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 615.4
RMS 138.5
wave n. 1774
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586.5
RMS 145.4
wave n. 1775
mV
2000
1500
1000
500
0
0
100
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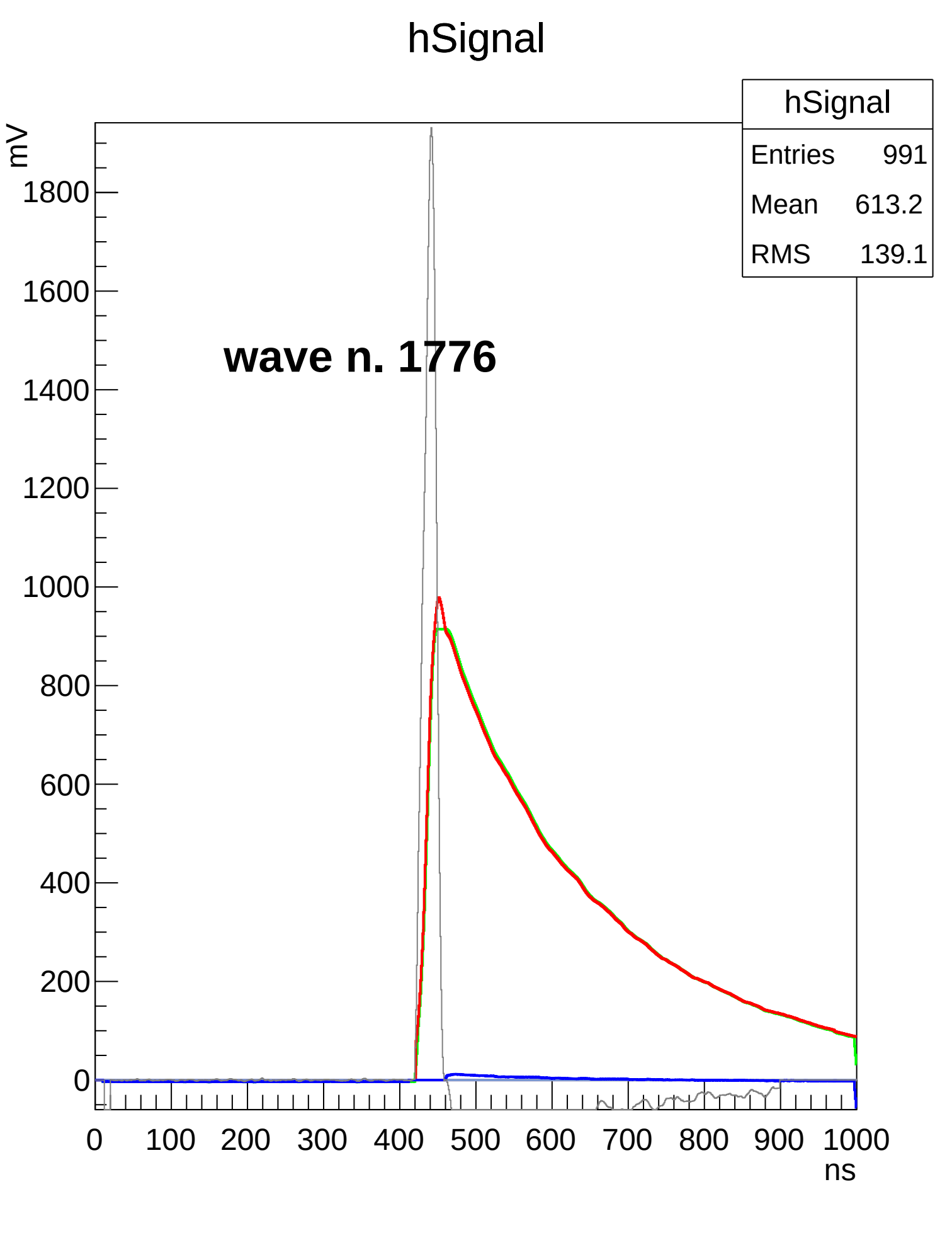
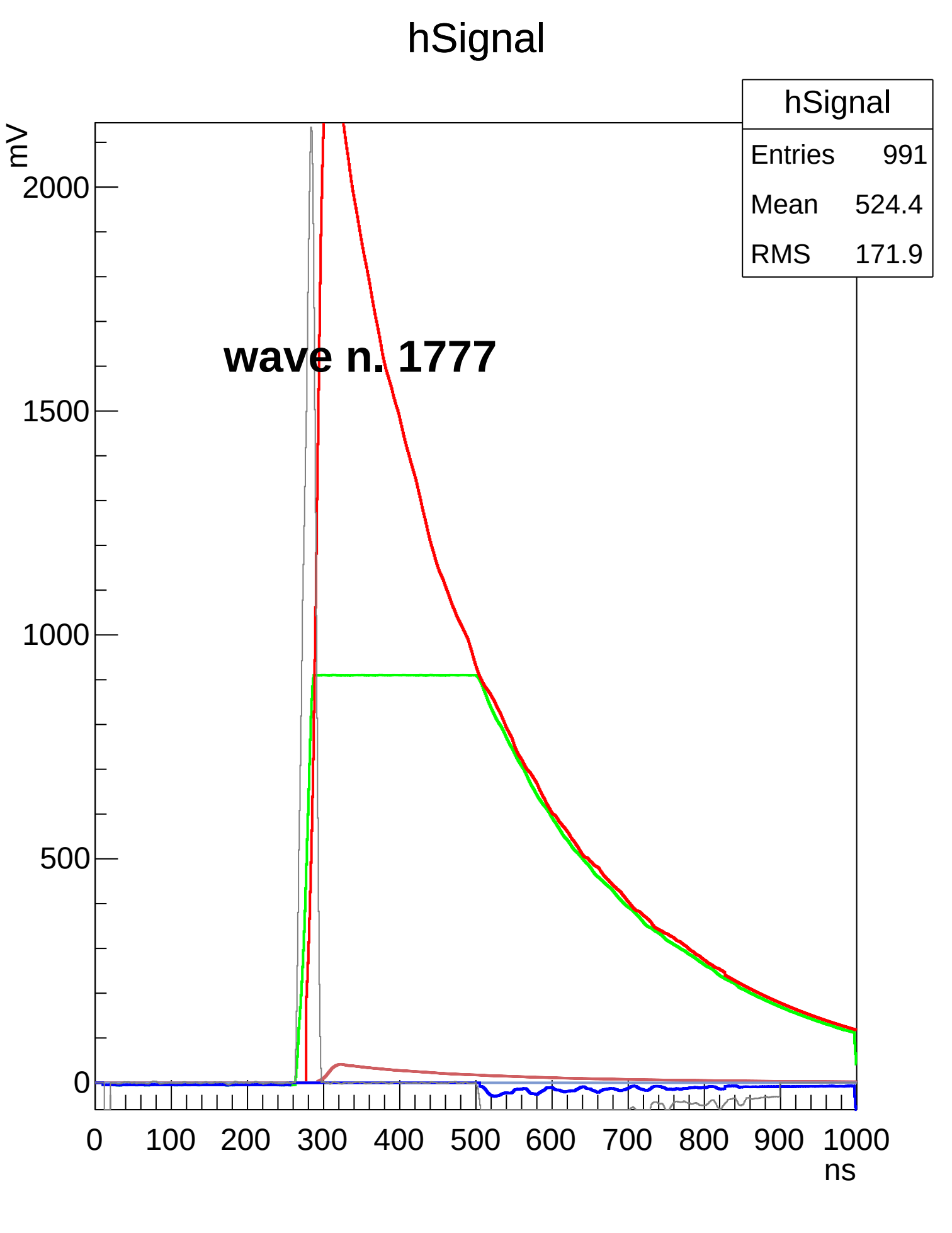
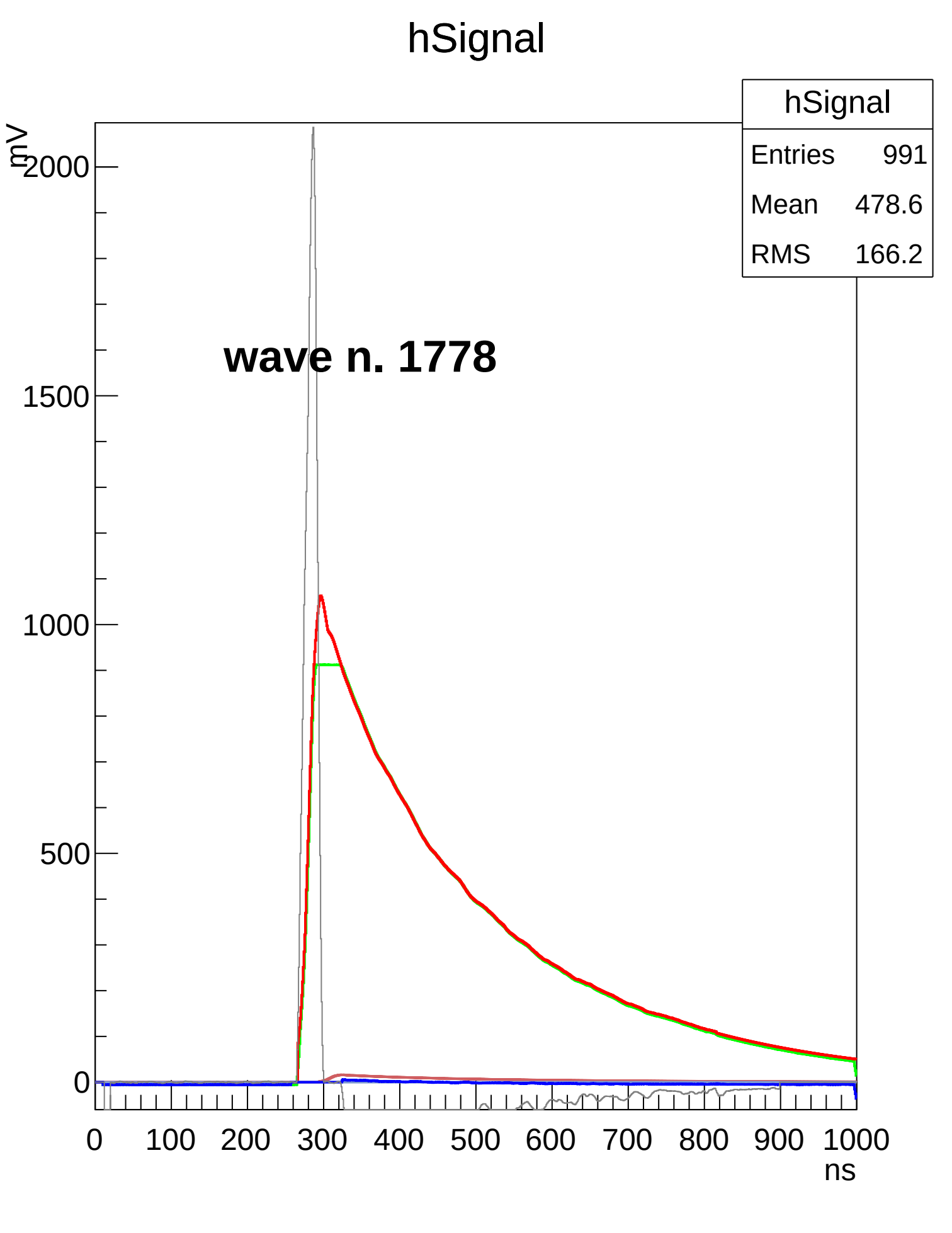
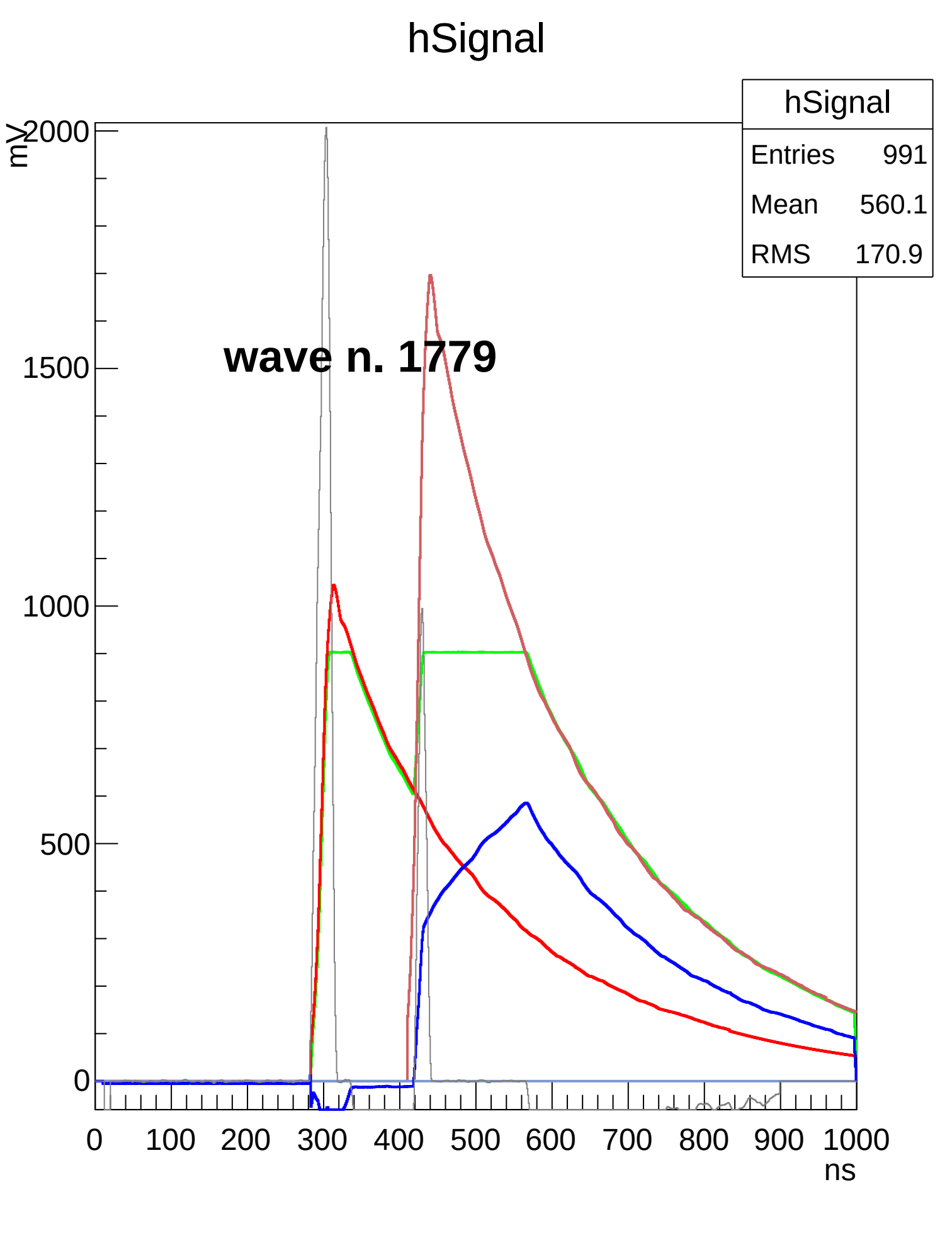
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 613.2
RMS 139.1
wave n. 1776
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 524.4
RMS 171.9
wave n. 1777
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 478.6
RMS 166.2
wave n. 1778
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.1
RMS 170.9
wave n. 1779
mV
2000
1500
1000
500
0
0
100
200
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400
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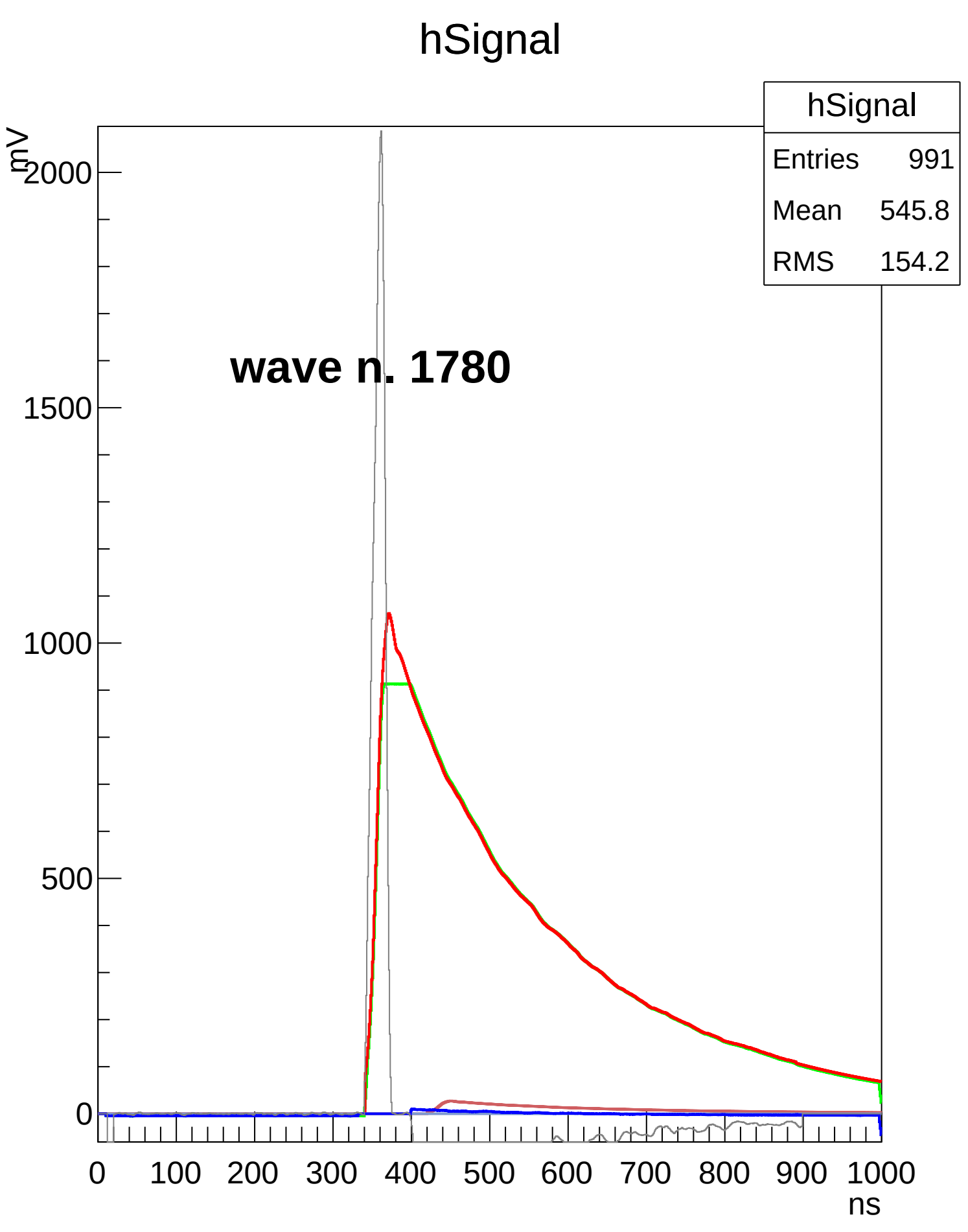
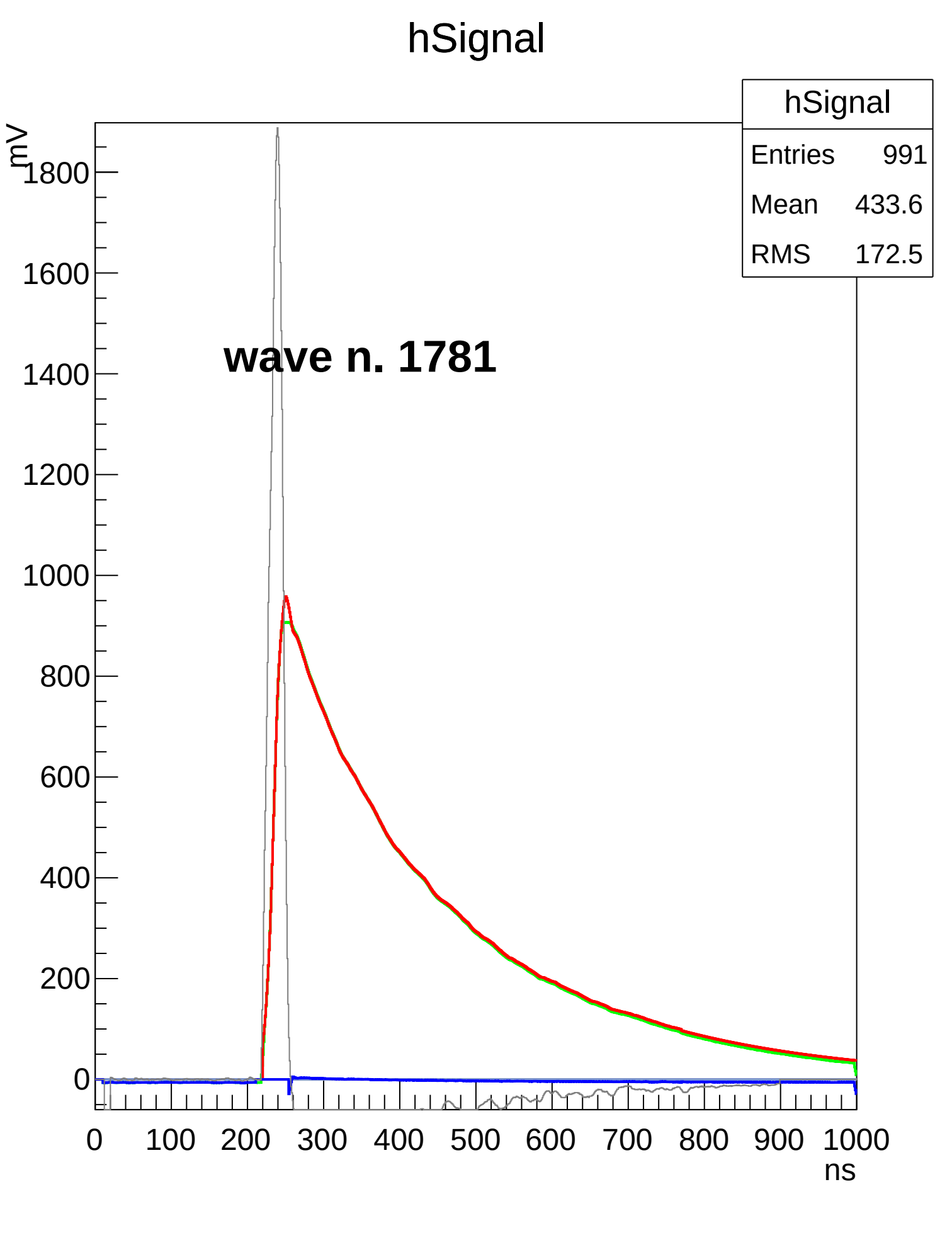
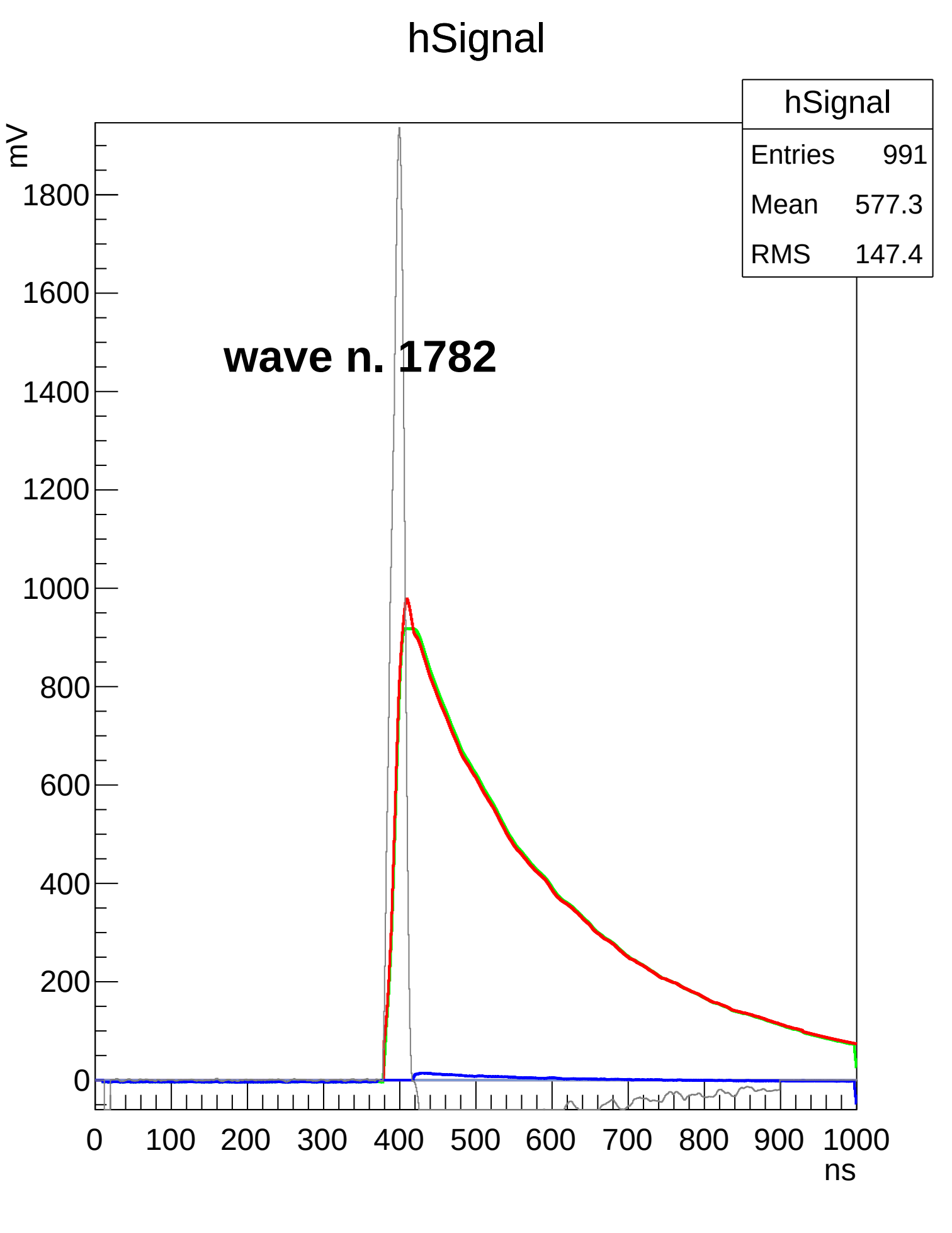
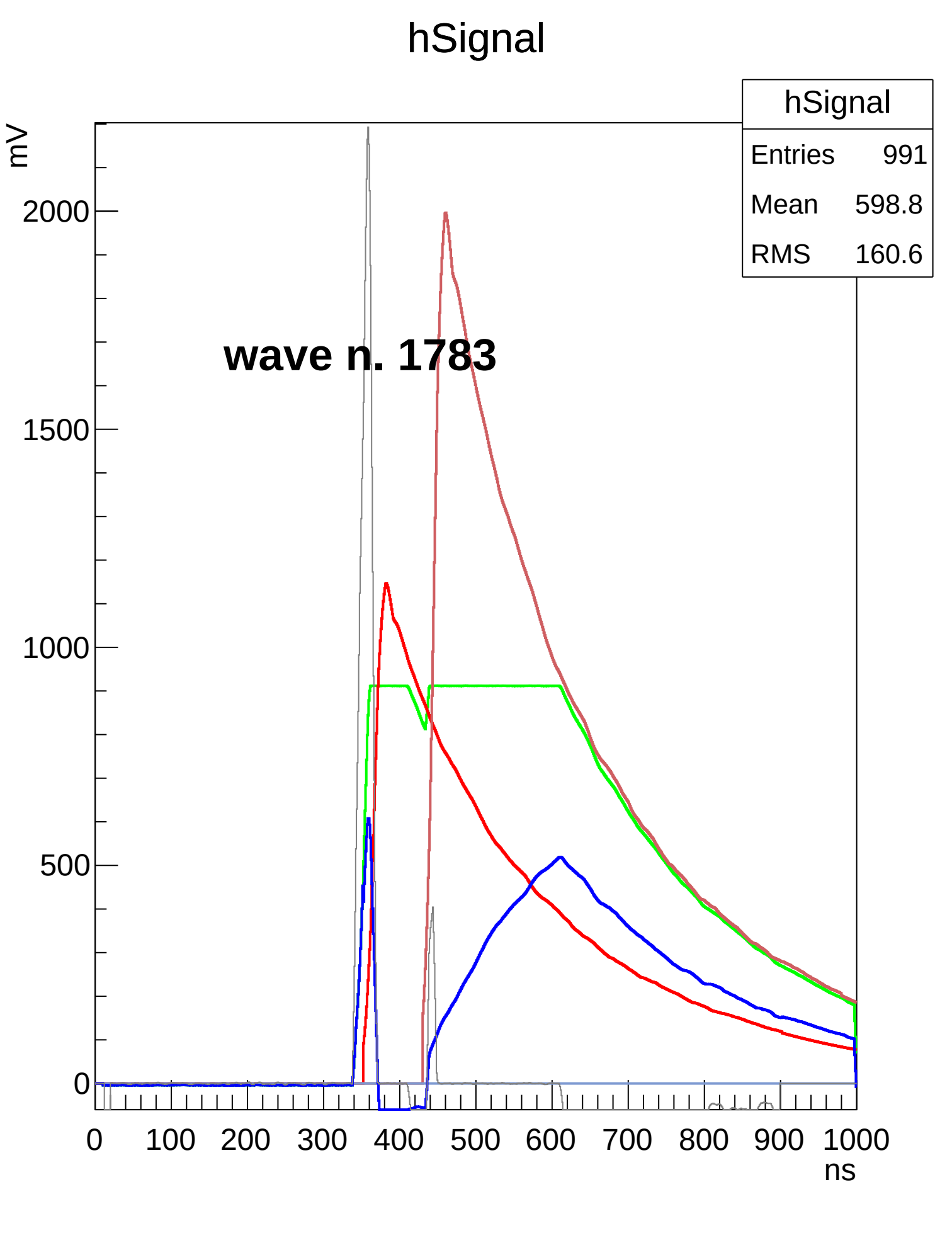
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 545.8
RMS 154.2
wave n. 1780
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 433.6
RMS 172.5
wave n. 1781
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.3
RMS 147.4
wave n. 1782
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 598.8
RMS 160.6
wave n. 1783
mV
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1500
1000
500
0
0
100
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800
900
1000
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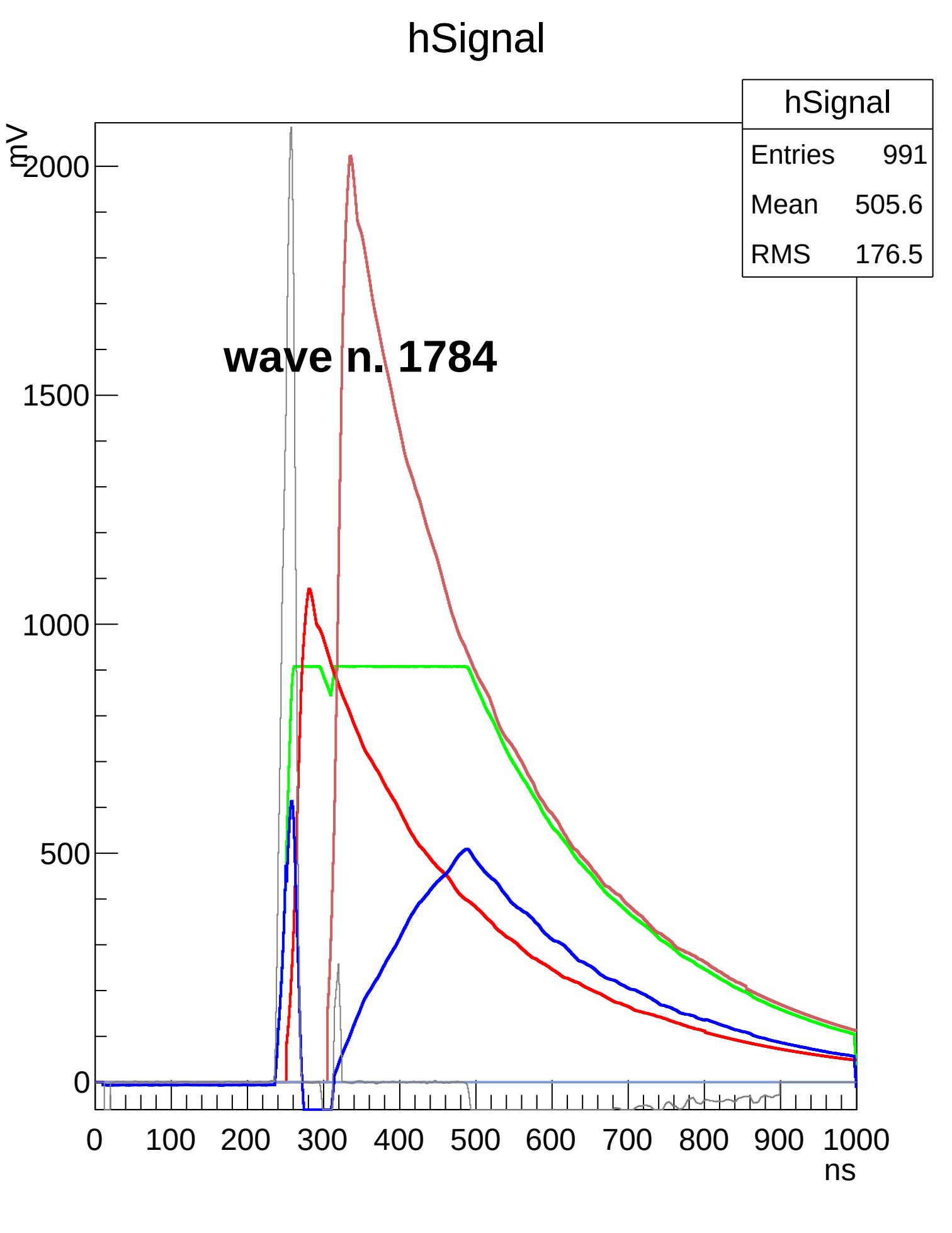
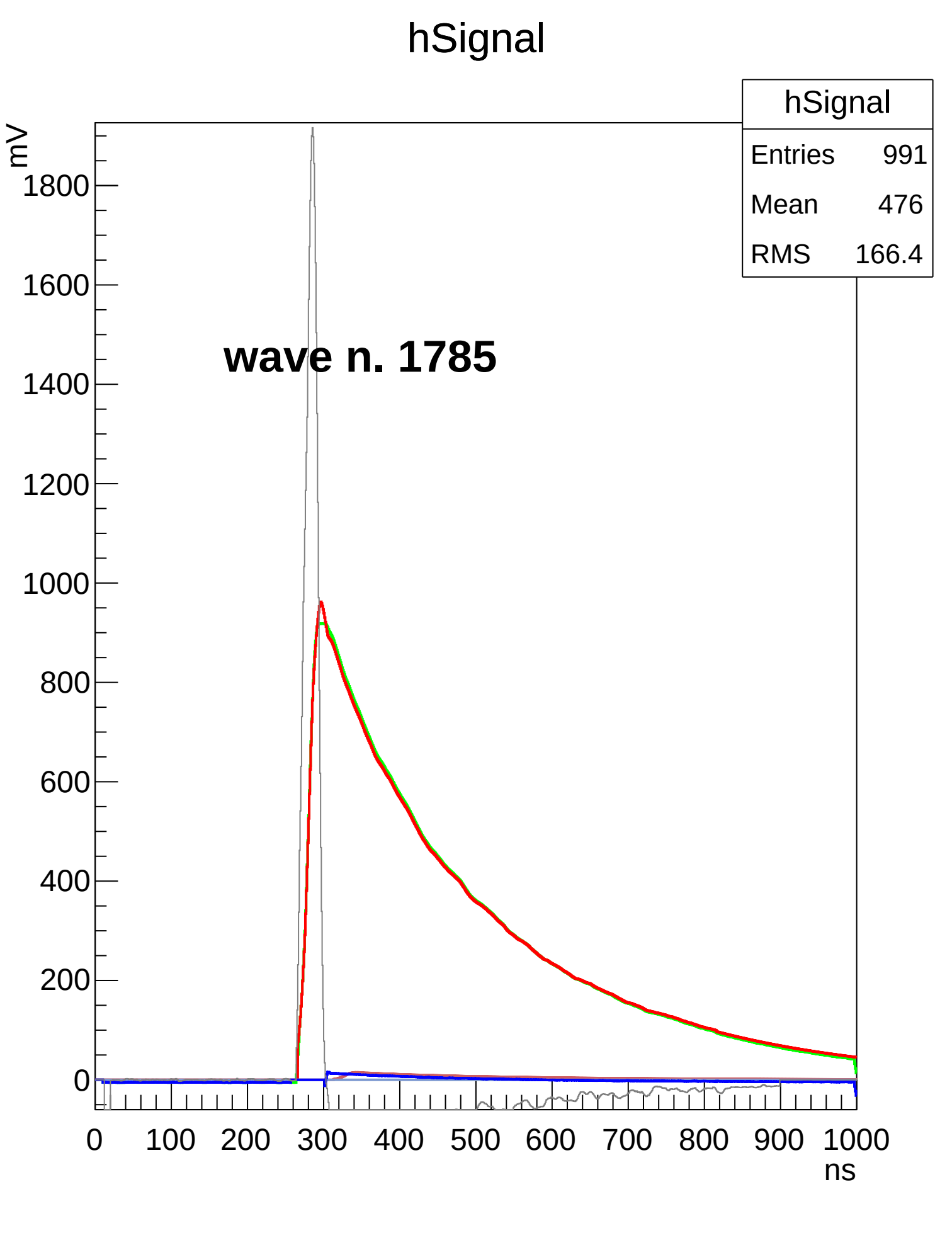

hSignal
hSignal
Entries 991
Mean 505.6
RMS 176.5
wave n. 1784
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 476
RMS 166.4
wave n. 1785
mV
1800
1600
1400
1200
1000
800
600
400
200
0
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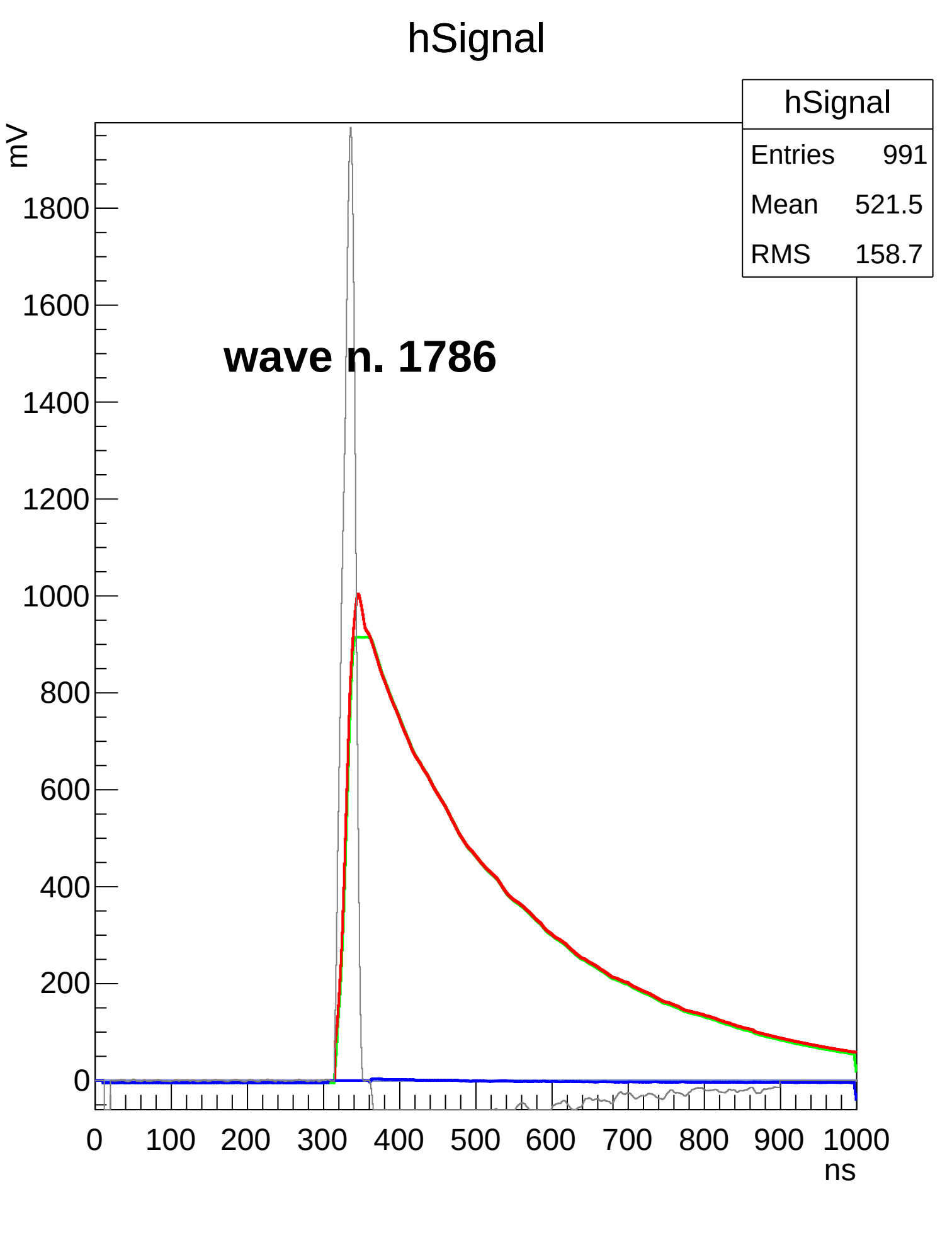
ns


hSignal
hSignal
Entries 991
Mean 521.5
RMS 158.7
wave n. 1786
mV
1800
1600
1400
1200
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600
400
200
0
0
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200
300
400
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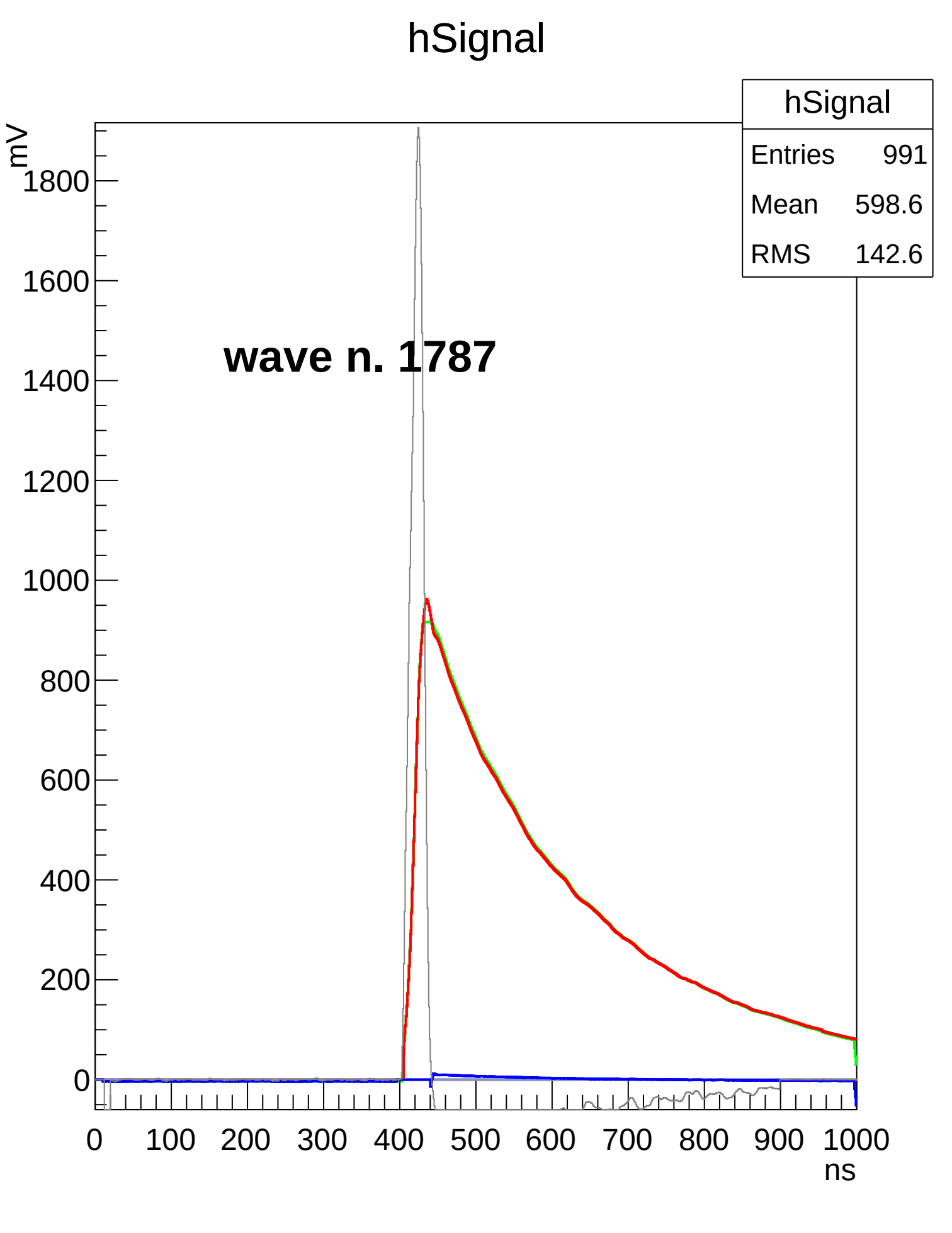
1000
ns


hSignal
hSignal
Entries 991
Mean 598.6
RMS 142.6
wave n. 1787
mV
1800
1600
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1200
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600
400
200
0
0
100
200
300
400
500
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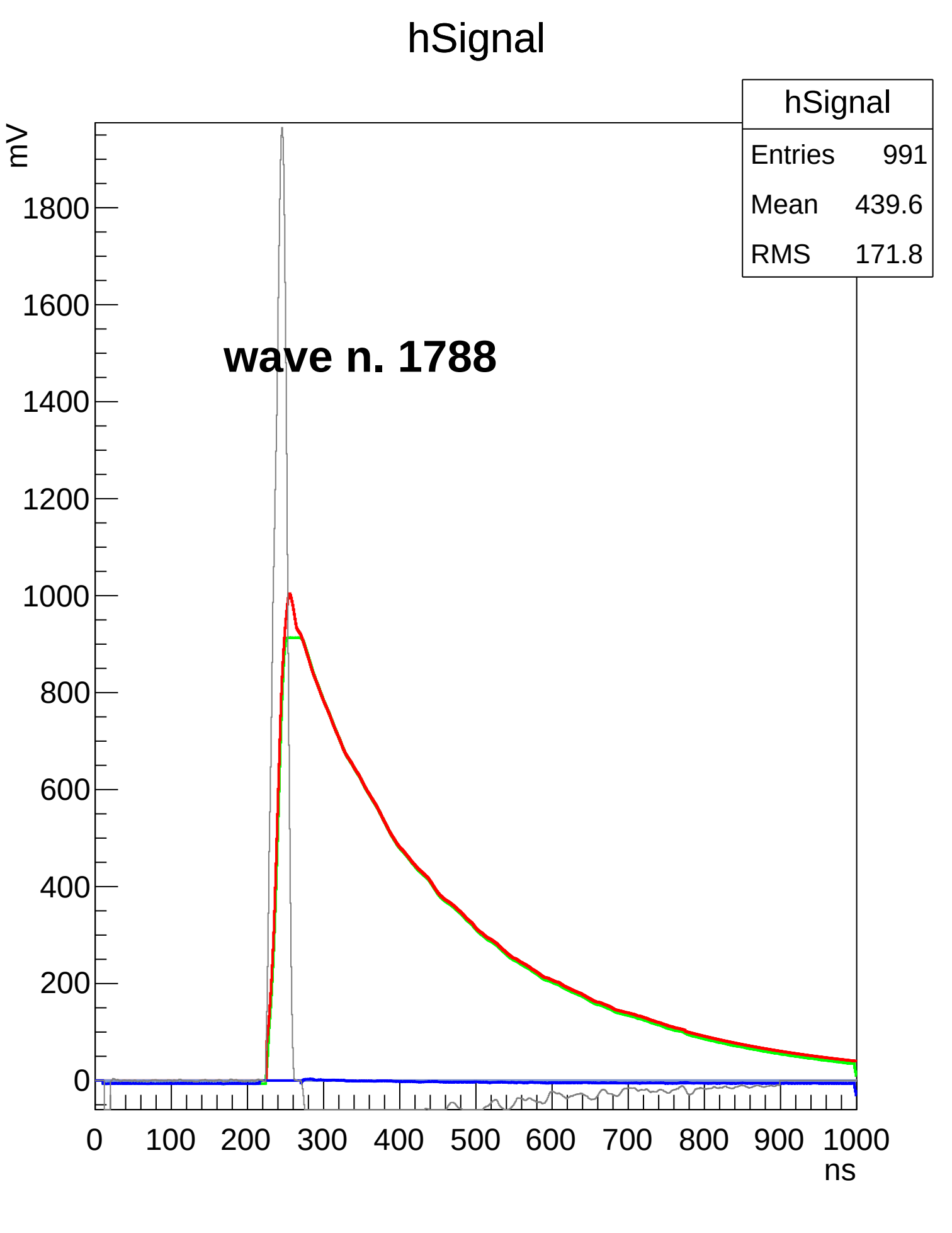
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 439.6
RMS 171.8
wave n. 1788
mV
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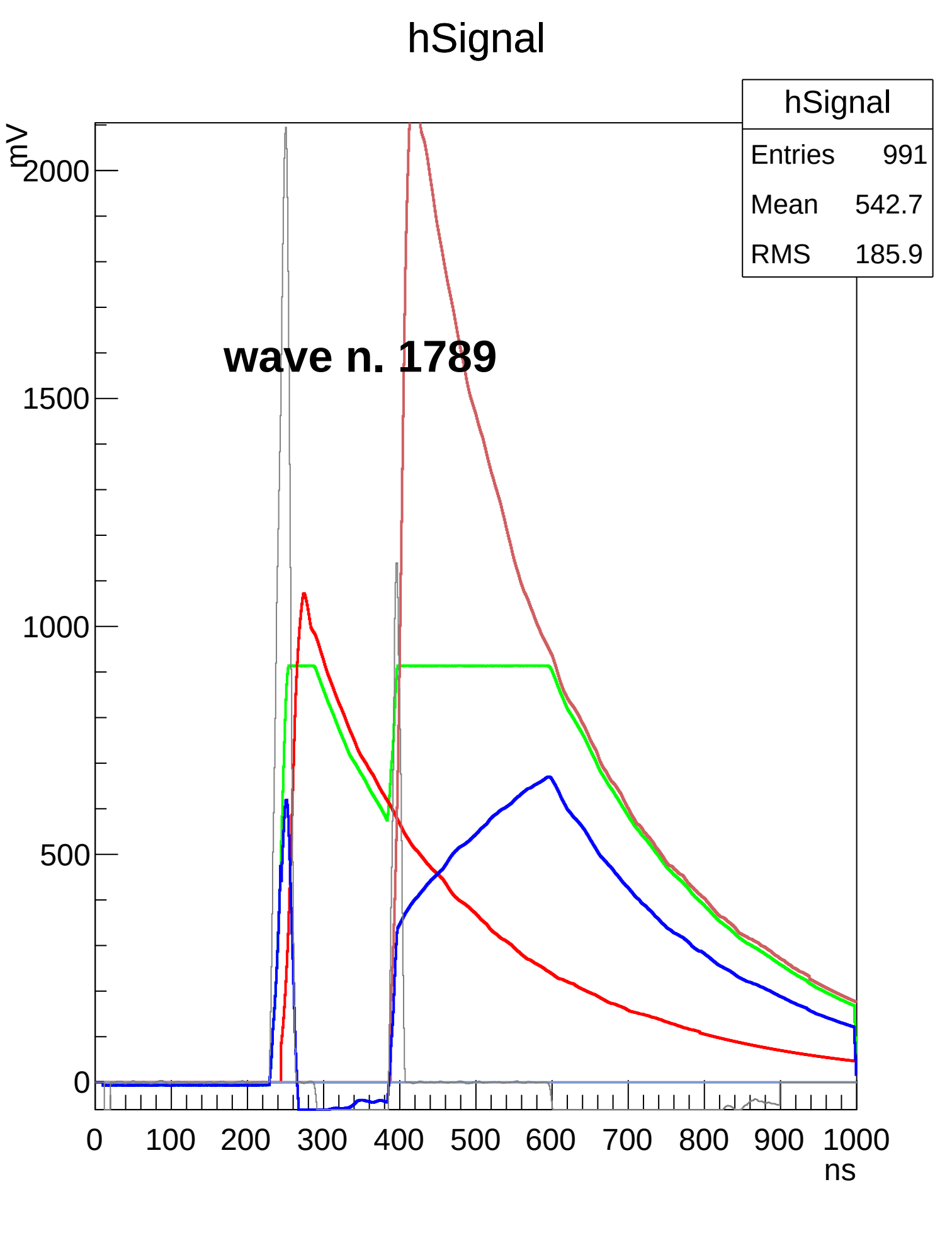
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 542.7
RMS 185.9
wave n. 1789
mV
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1500
1000
500
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0
100
200
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400
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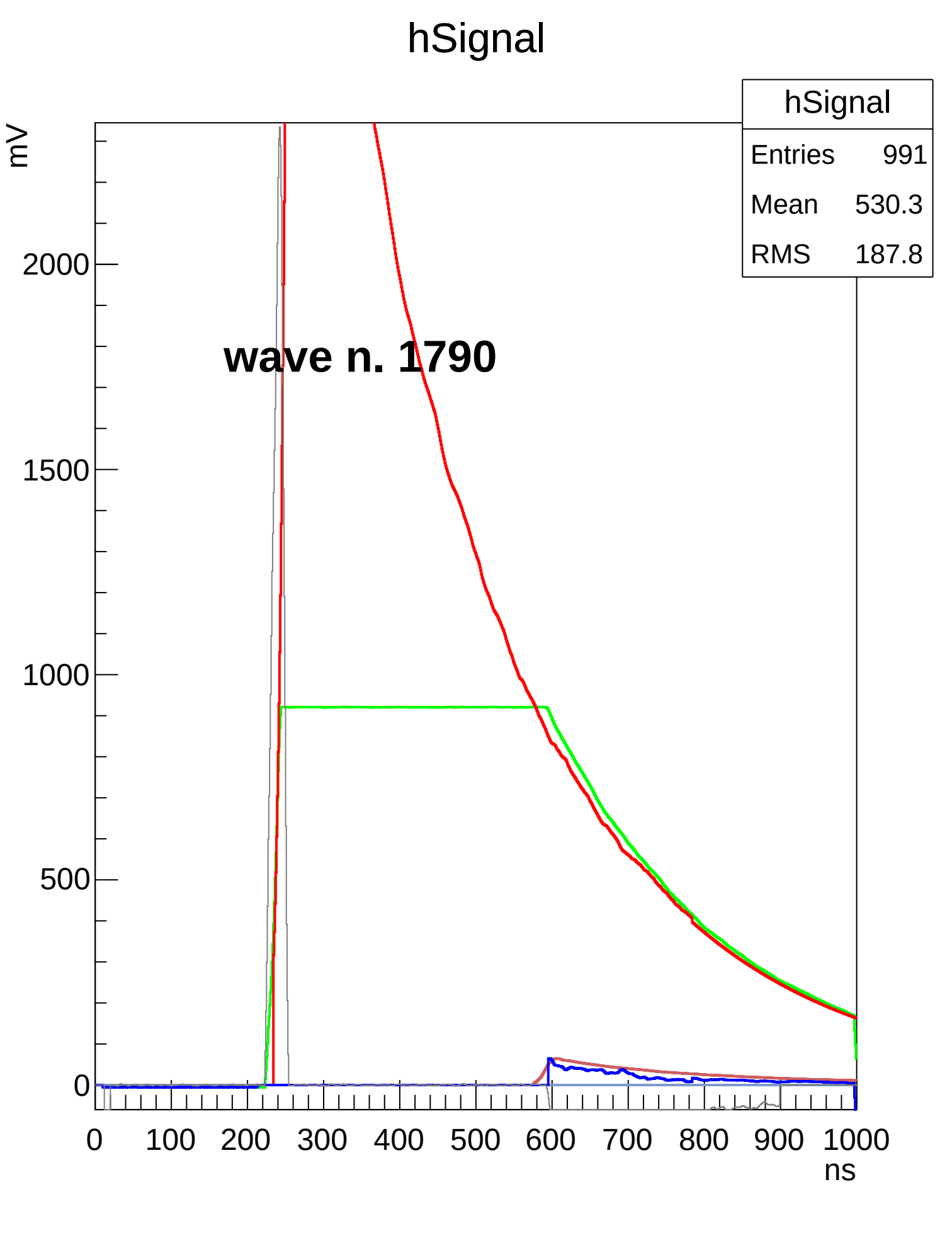
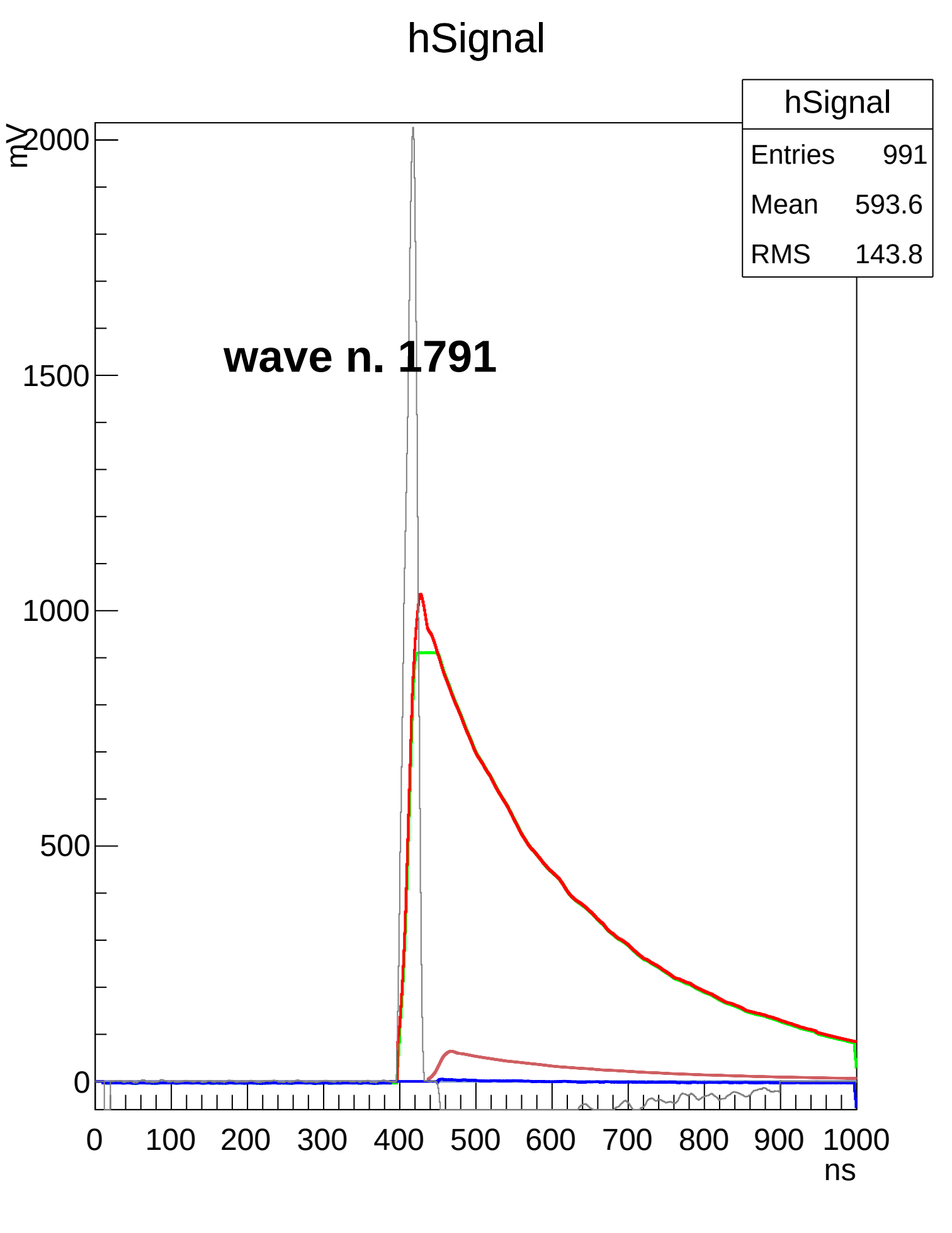
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.3
RMS 187.8
wave n. 1790
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 593.6
RMS 143.8
wave n. 1791
mV
2000
1500
1000
500
0
0
100
200
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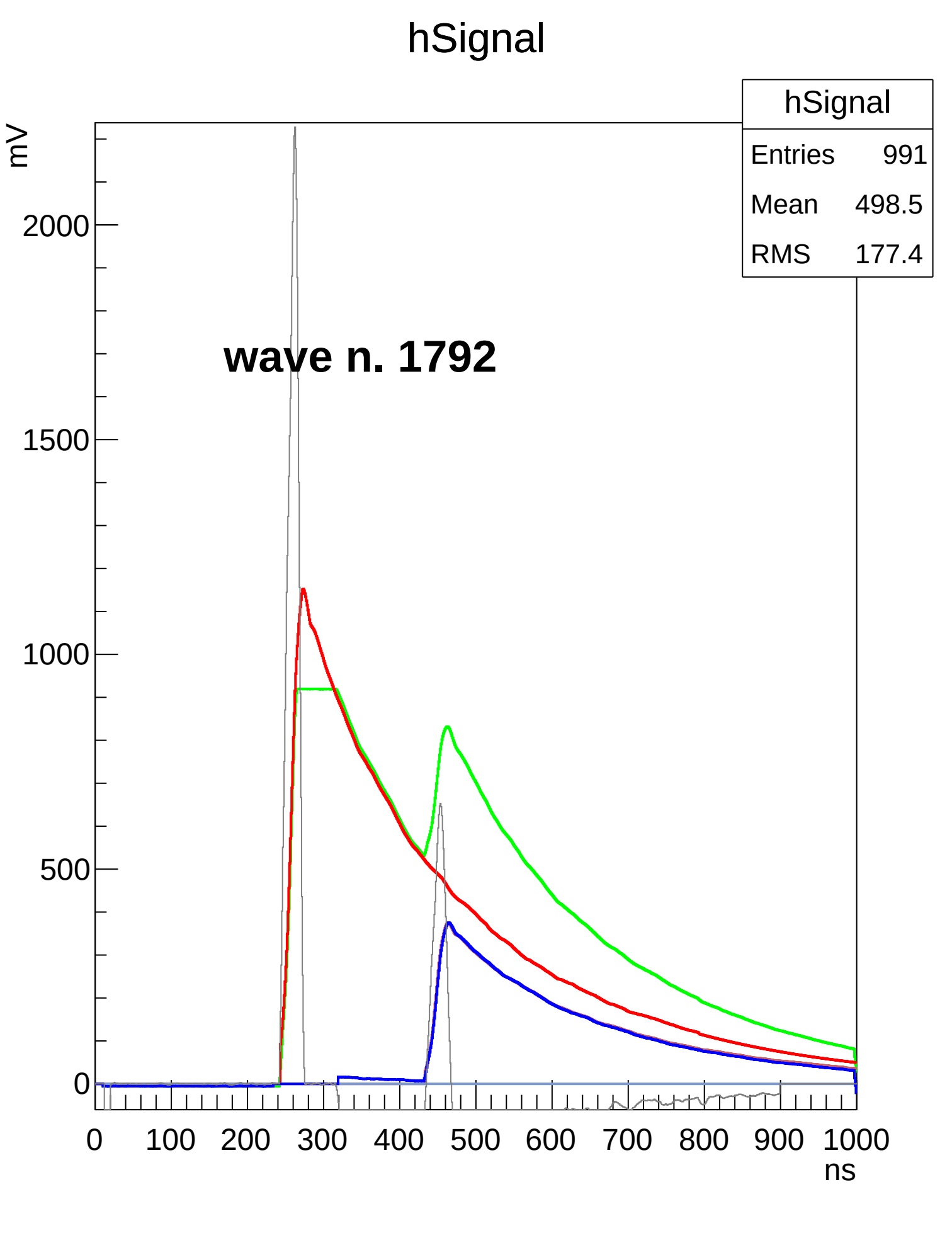
400
500
600
700
800
900
1000
ns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Entries 991
Mean 498.5
RMS 177.4
wave n. 1792
mV
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800
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1000
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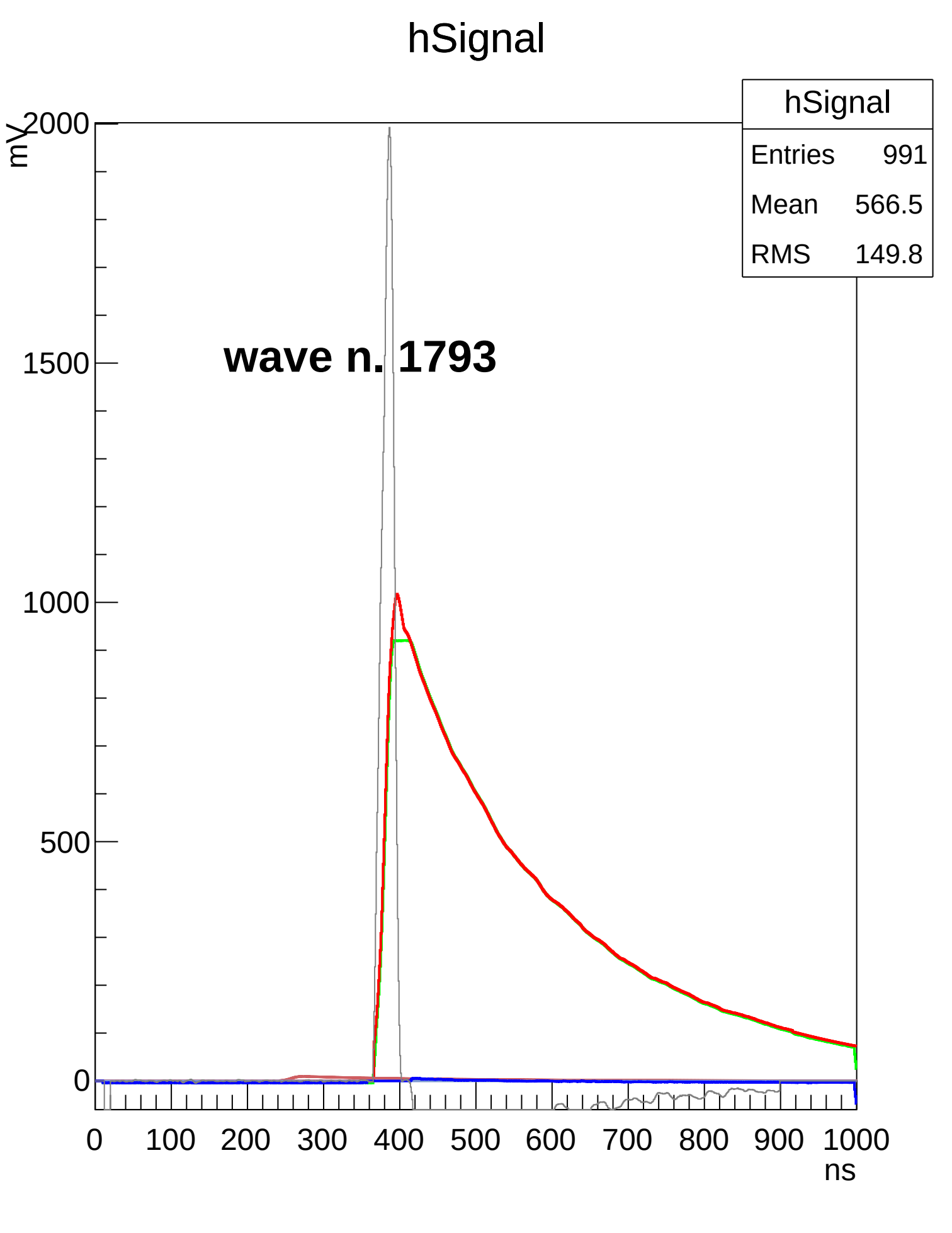
hSignal
hSignal
Entries 991
Mean 566.5
RMS 149.8
wave n. 1793
mV
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1500
1000
500
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800
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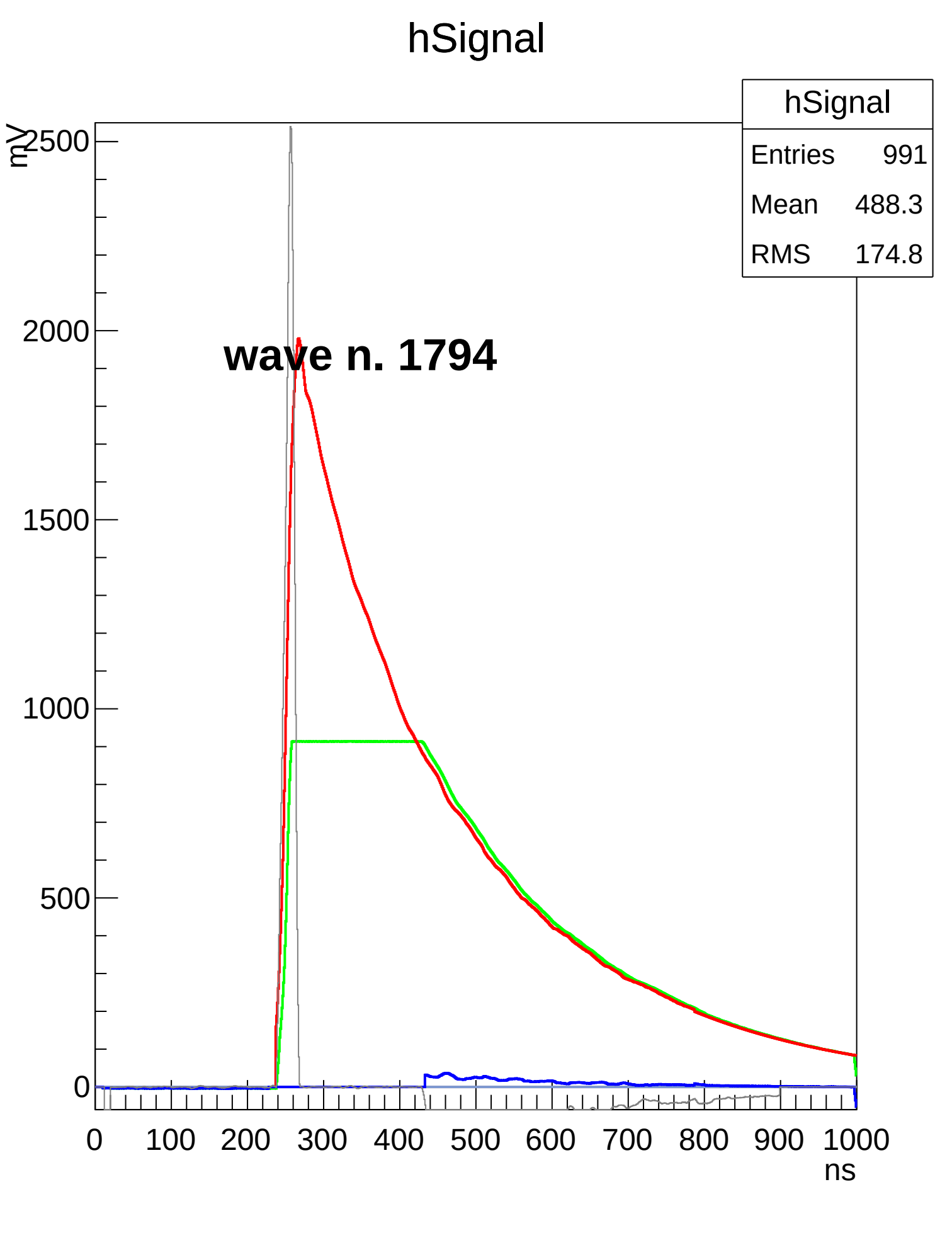
1000
ns


hSignal
hSignal
Entries 991
Mean 488.3
RMS 174.8
wave n. 1794
mV
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1500
1000
500
0
0
100
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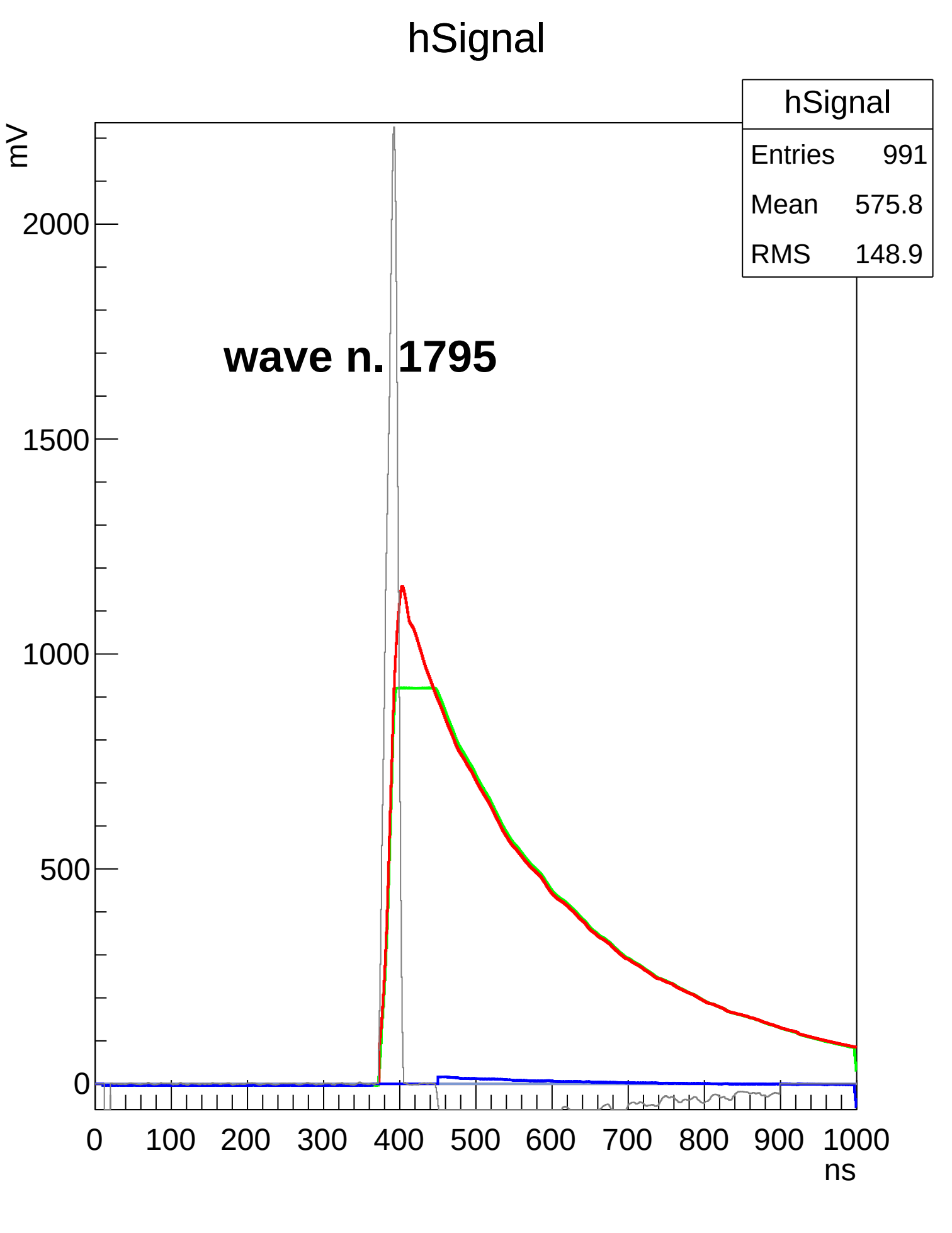
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 575.8
RMS 148.9
wave n. 1795
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1500
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400
500
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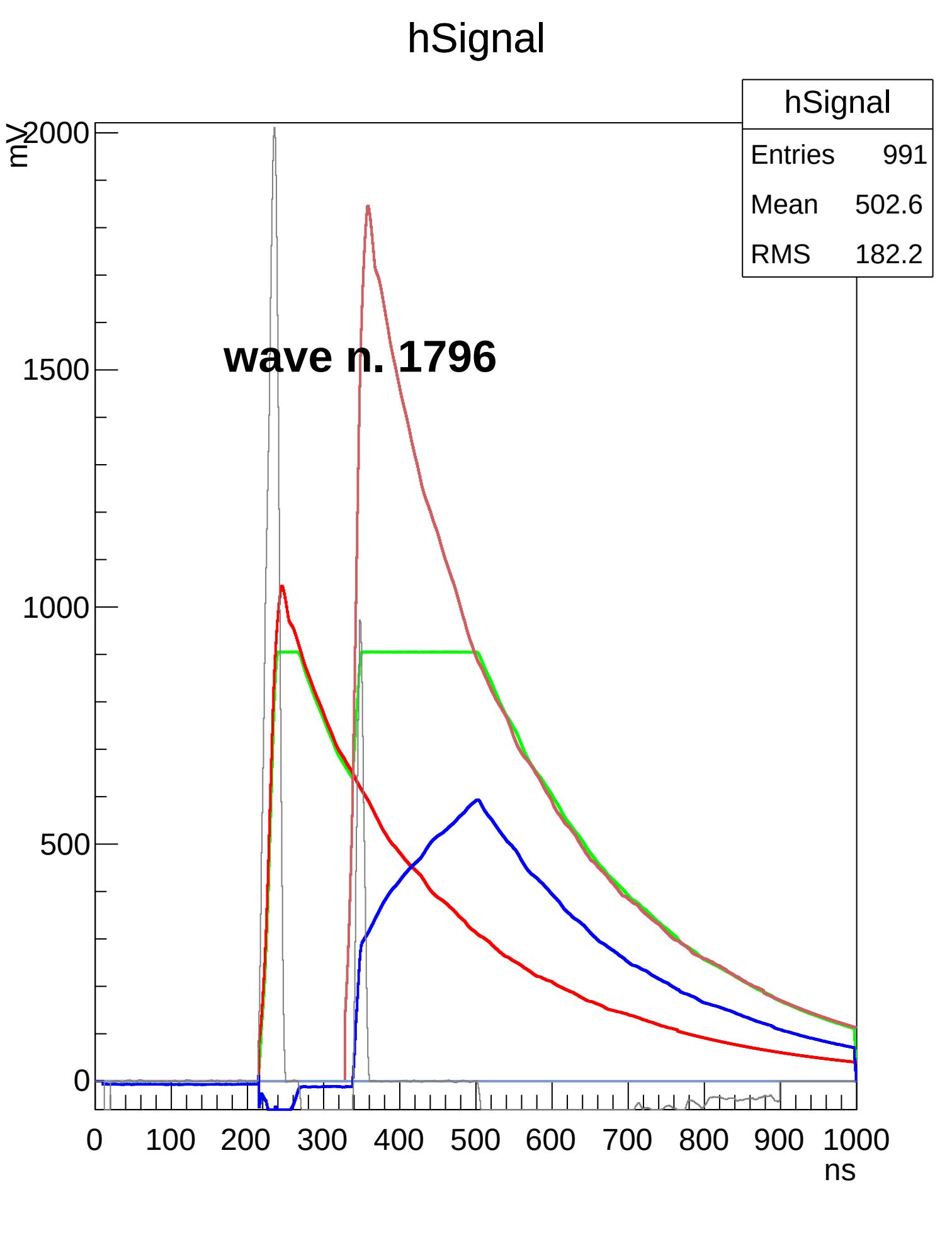
1000
ns


hSignal
hSignal
Entries 991
Mean 502.6
RMS 182.2
wave n. 1796
mV
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1500
1000
500
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400
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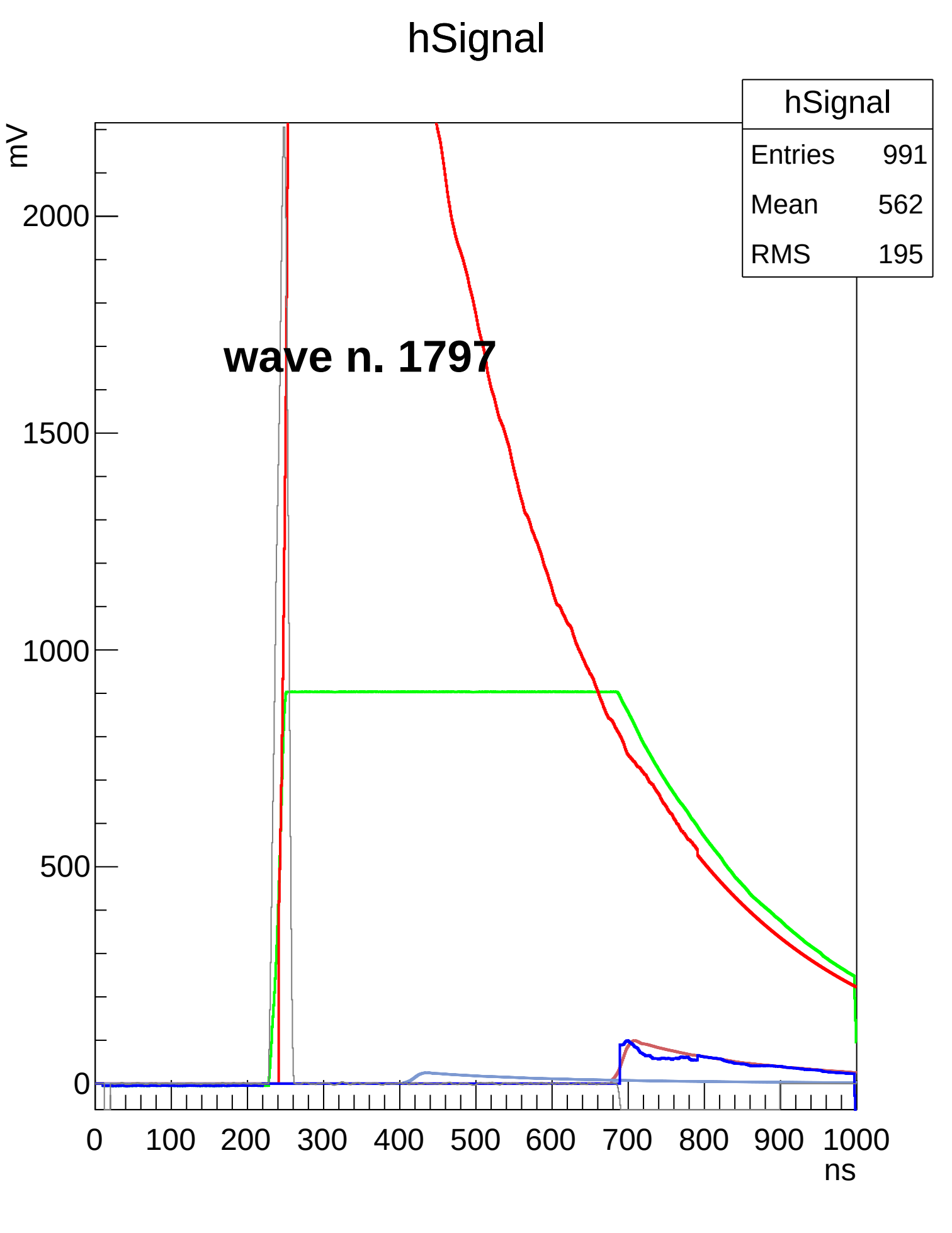
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 562
RMS 195
wave n. 1797
mV
2000
1500
1000
500
0
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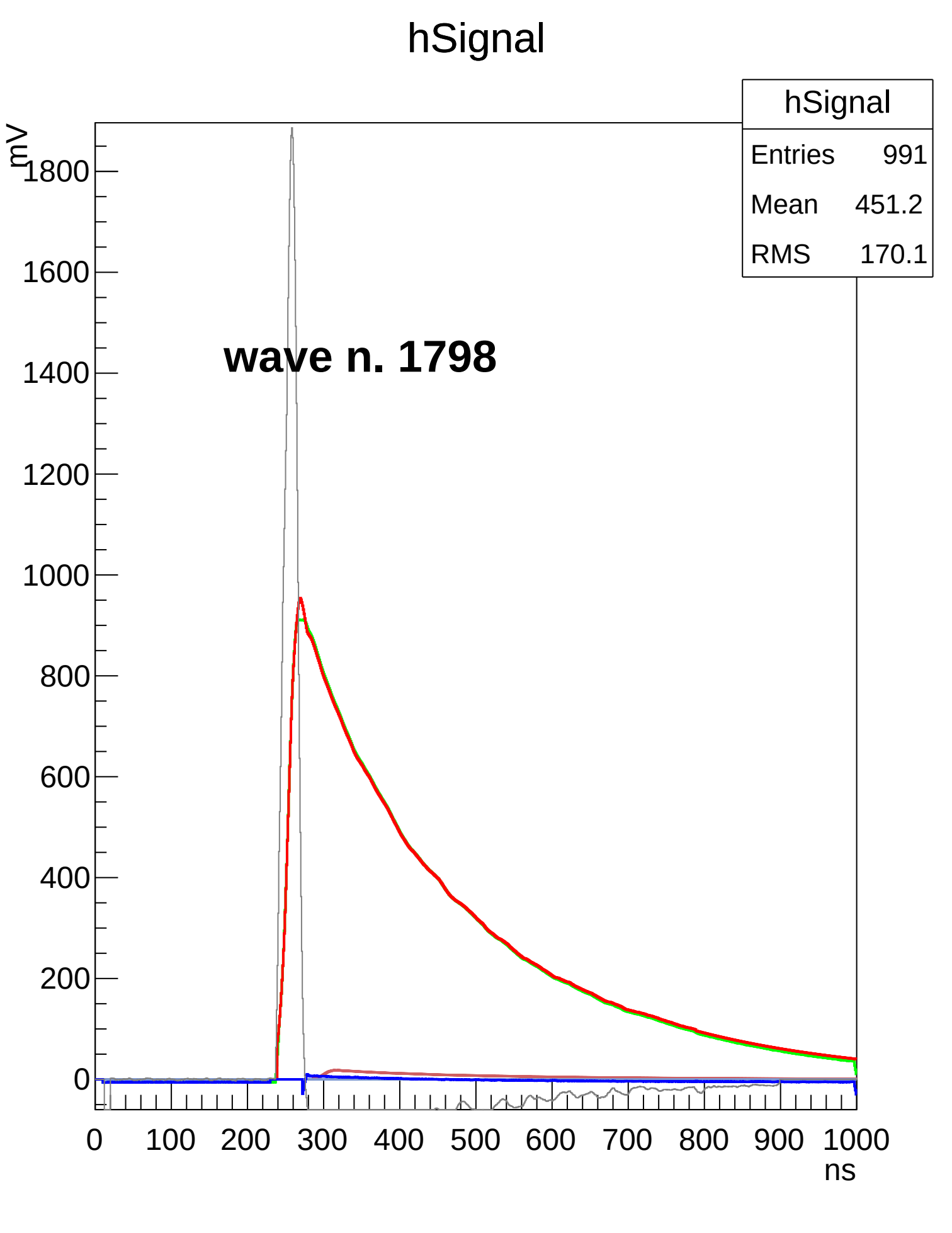
ns


hSignal
hSignal
Entries 991
Mean 451.2
RMS 170.1
wave n. 1798
mV
1800
1600
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400
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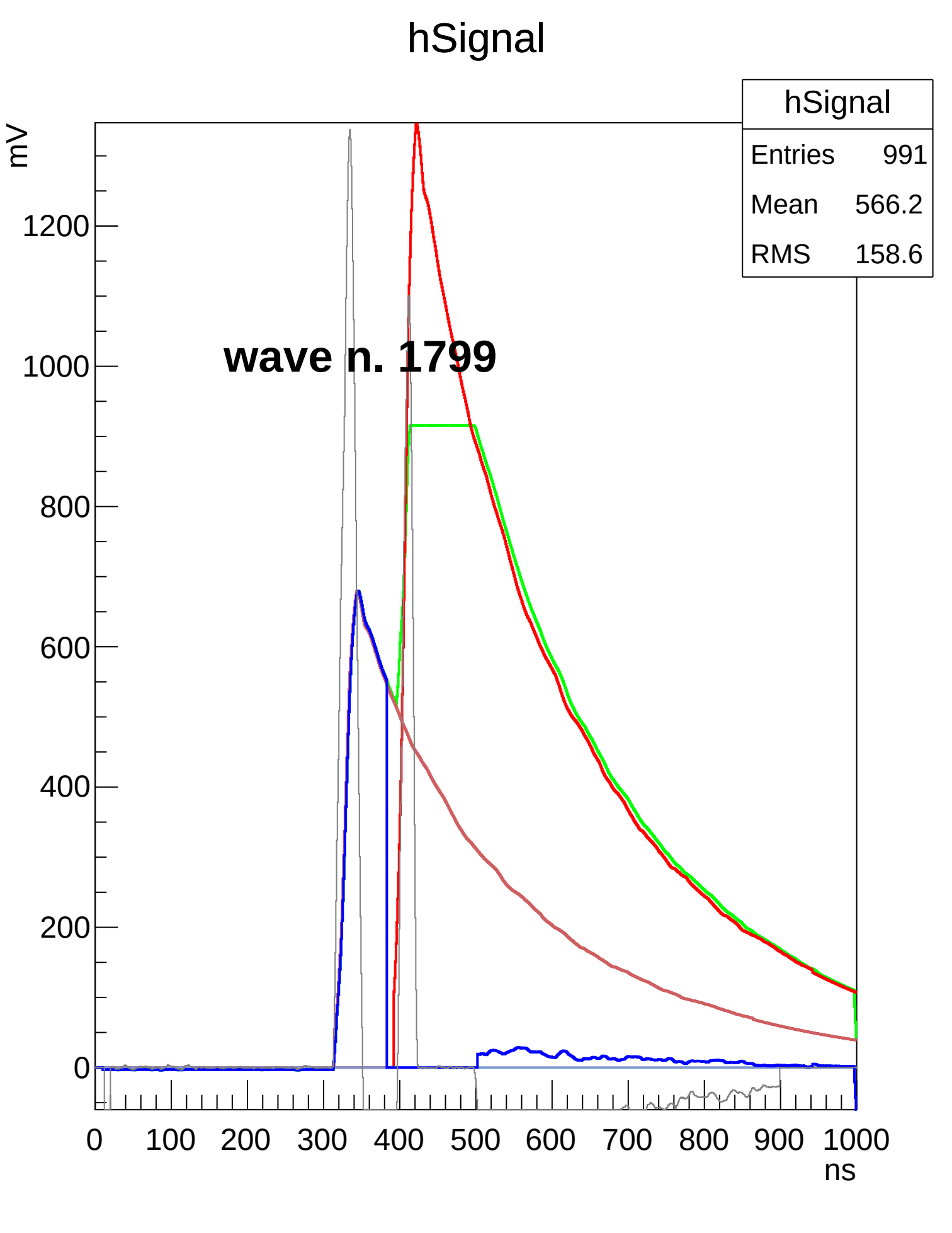
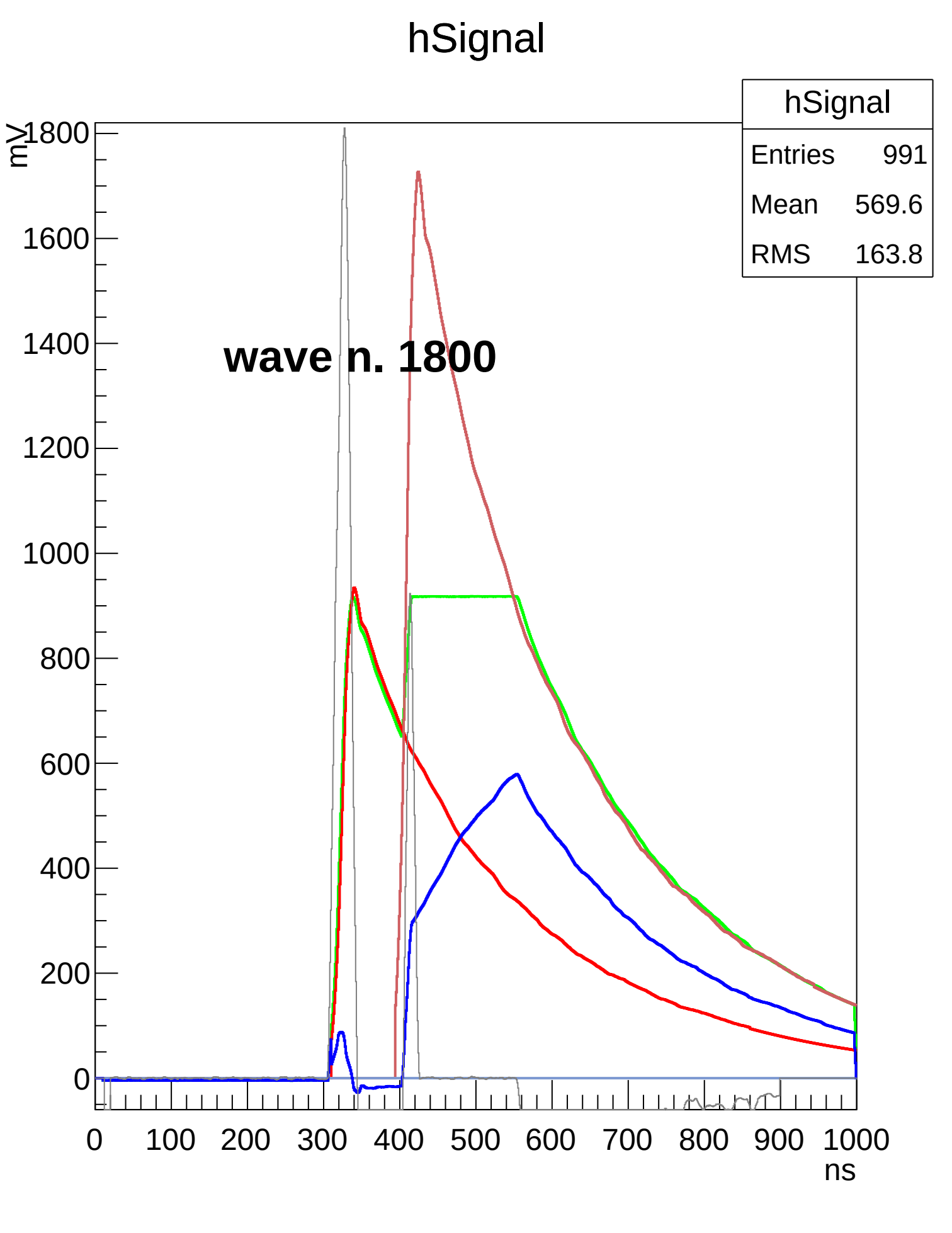
1000
ns


hSignal
hSignal
Entries 991
Mean 566.2
RMS 158.6
wave n. 1799
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 569.6
RMS 163.8
wave n. 1800
mV
1800
1600
1400
1200
1000
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600
400
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600
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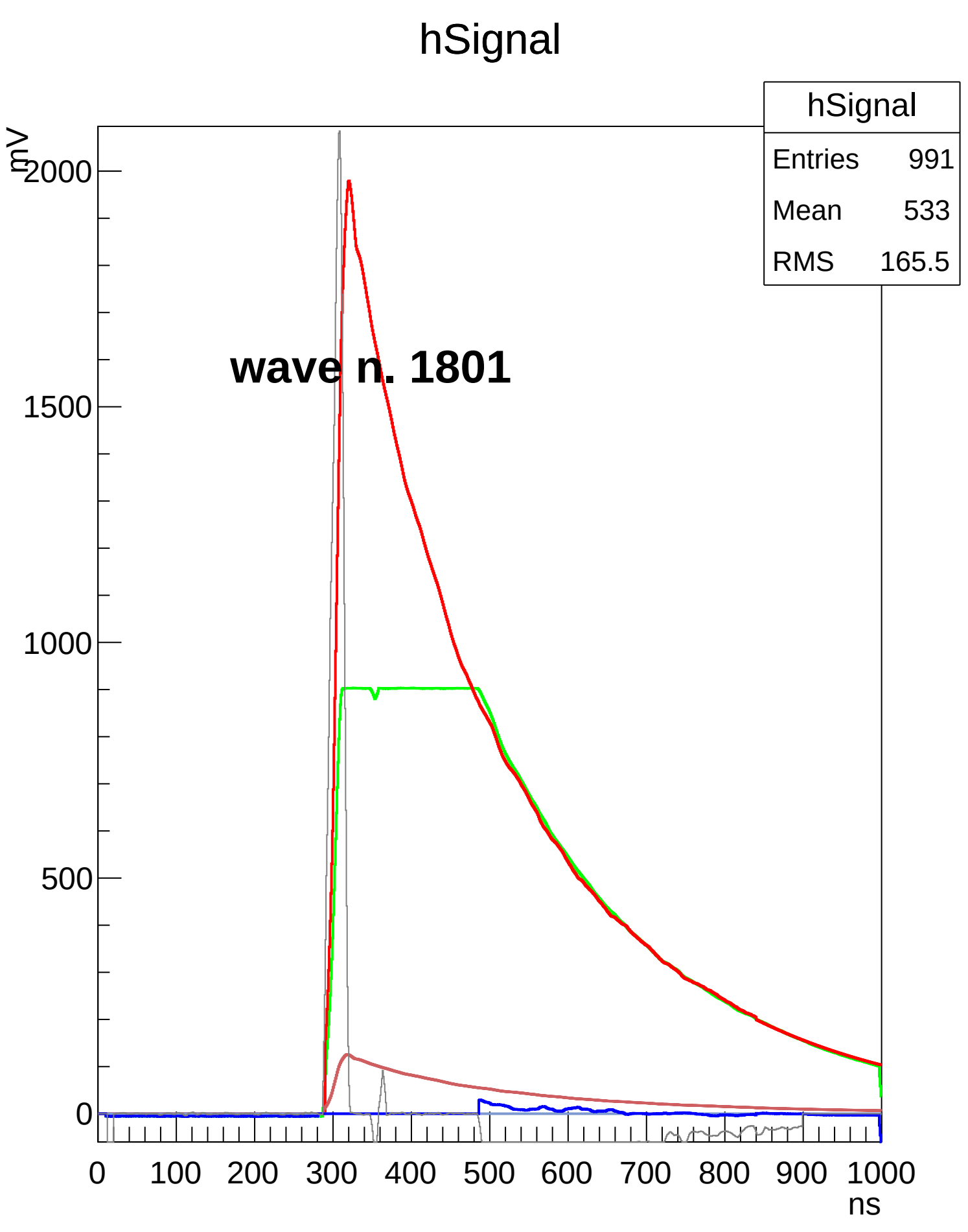
800
900
1000
ns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Mean 533
RMS 165.5
wave n. 1801
mV
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500
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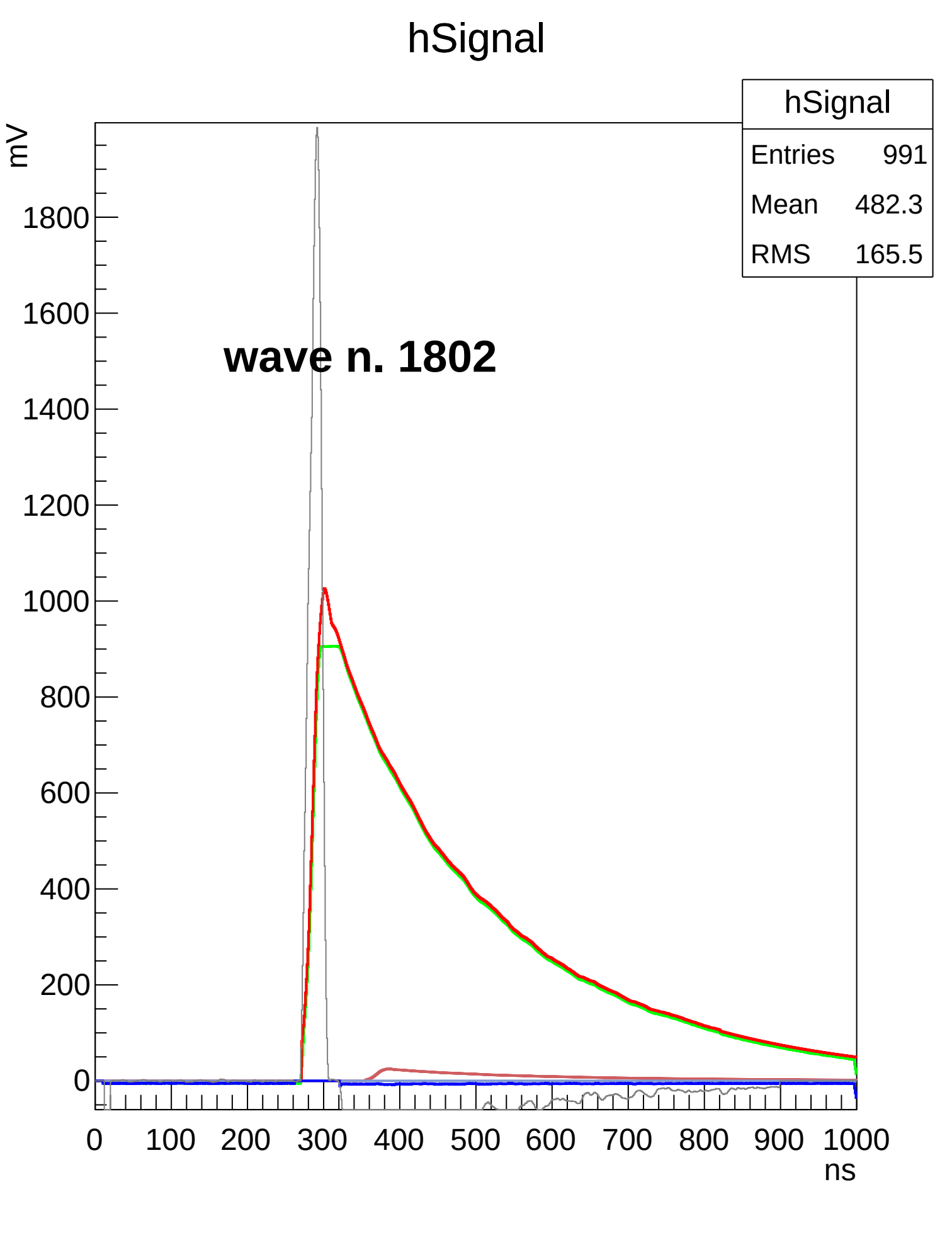
ns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Entries 991
Mean 482.3
RMS 165.5
wave n. 1802
mV
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600
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1000
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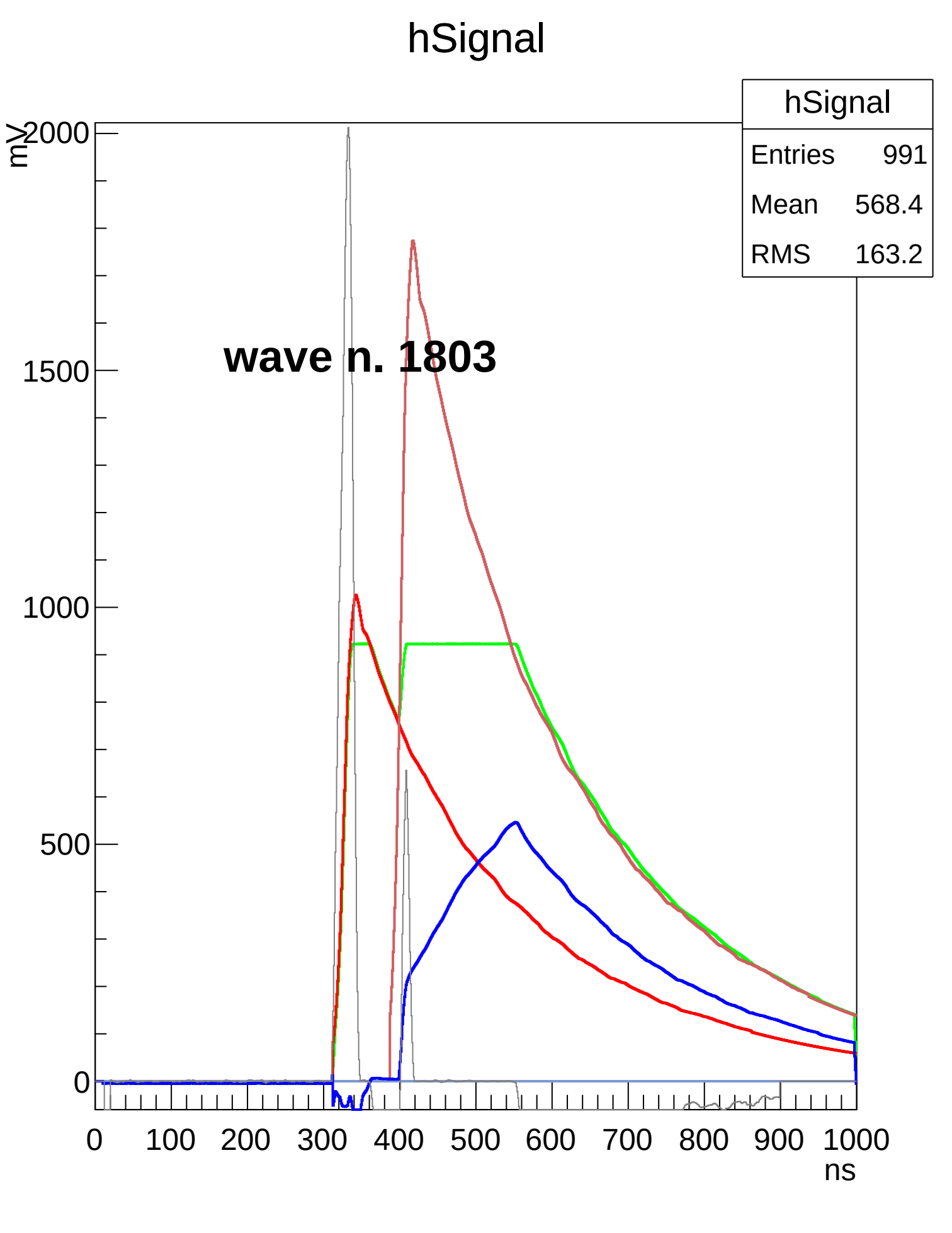
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hSignal
Entries 991
Mean 568.4
RMS 163.2
wave n. 1803
mV
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0
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1000
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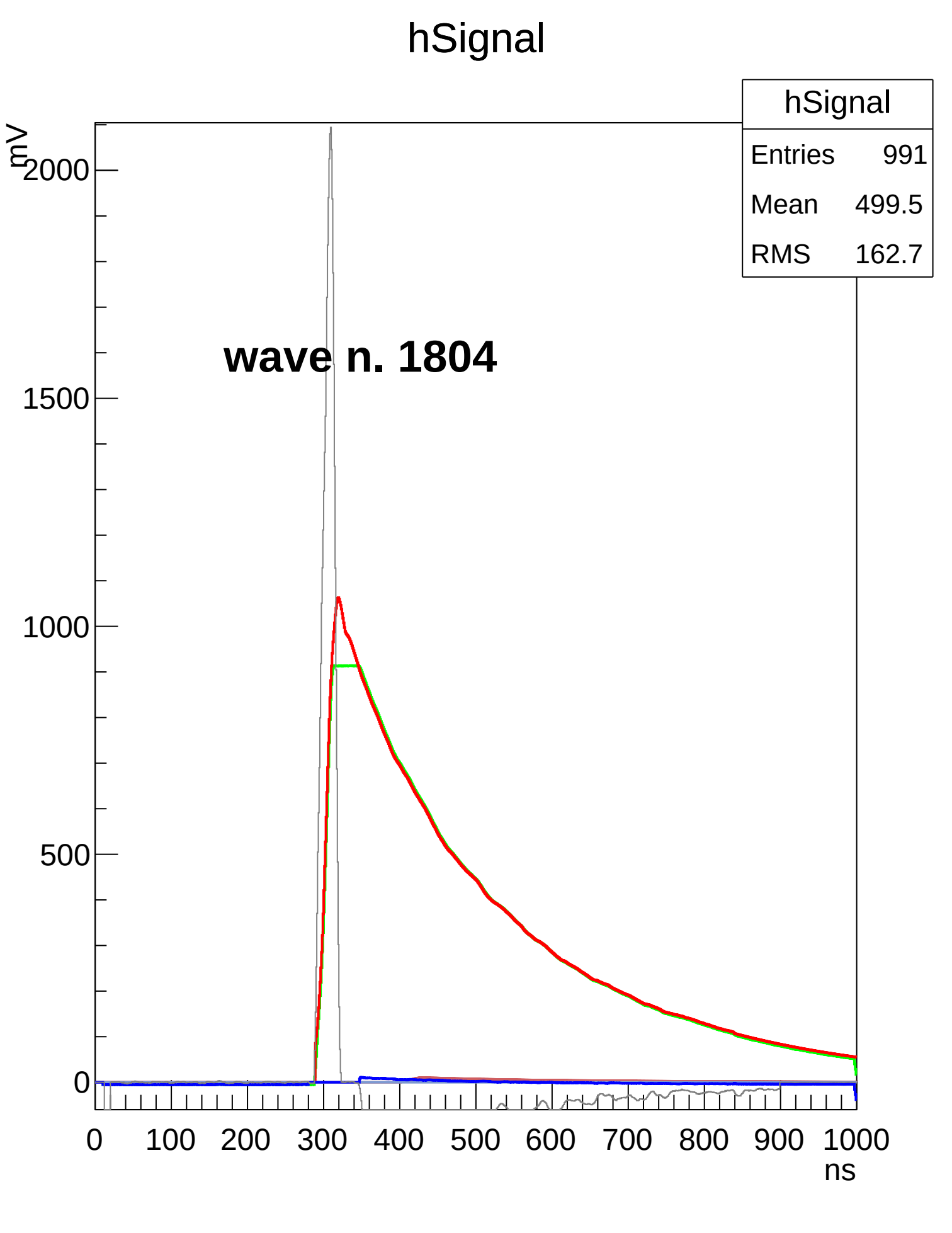
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hSignal
Entries 991
Mean 499.5
RMS 162.7
wave n. 1804
mV
2000
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1000
500
0
0
100
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1000
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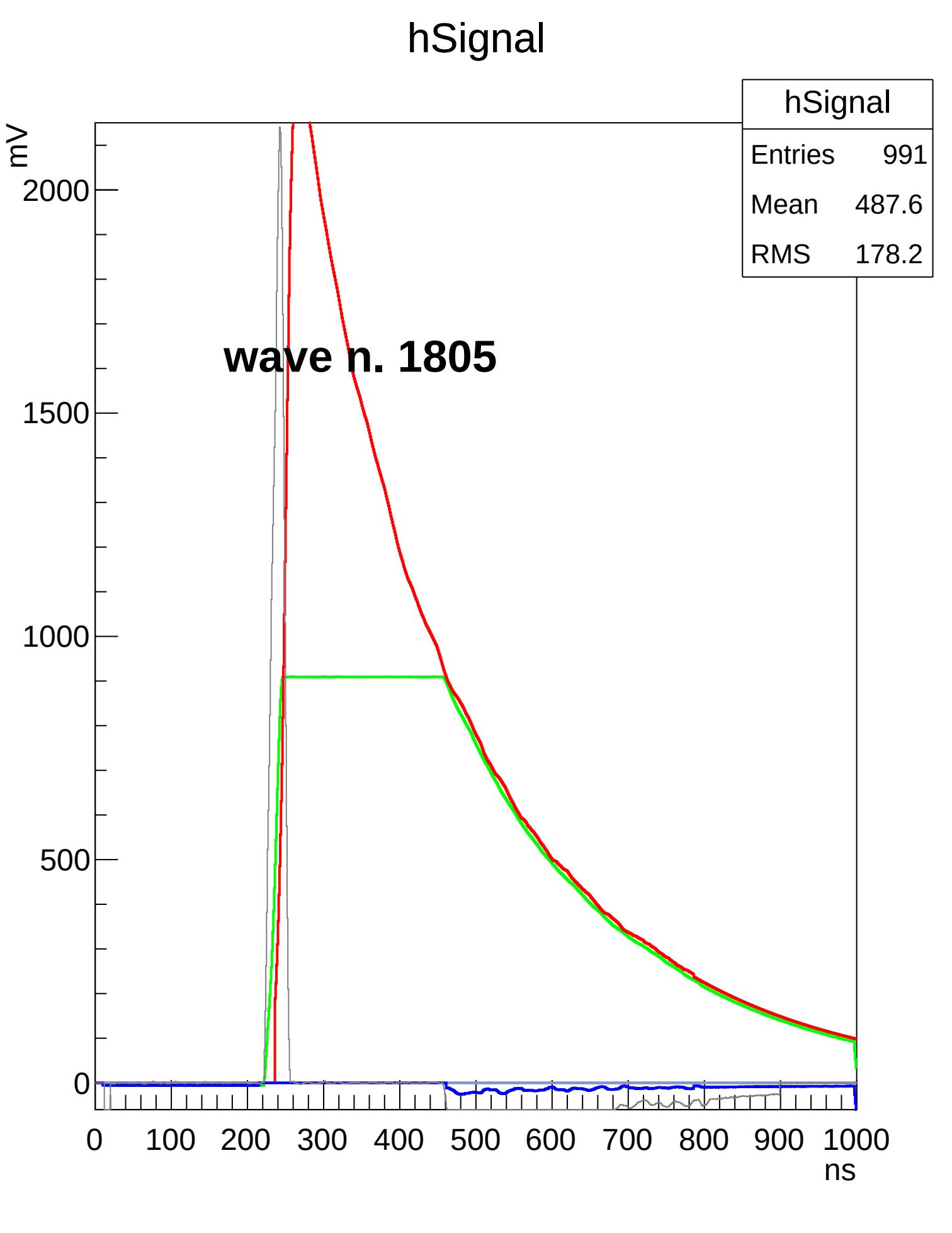
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hSignal
Entries 991
Mean 487.6
RMS 178.2
wave n. 1805
mV
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1500
1000
500
0
0
100
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400
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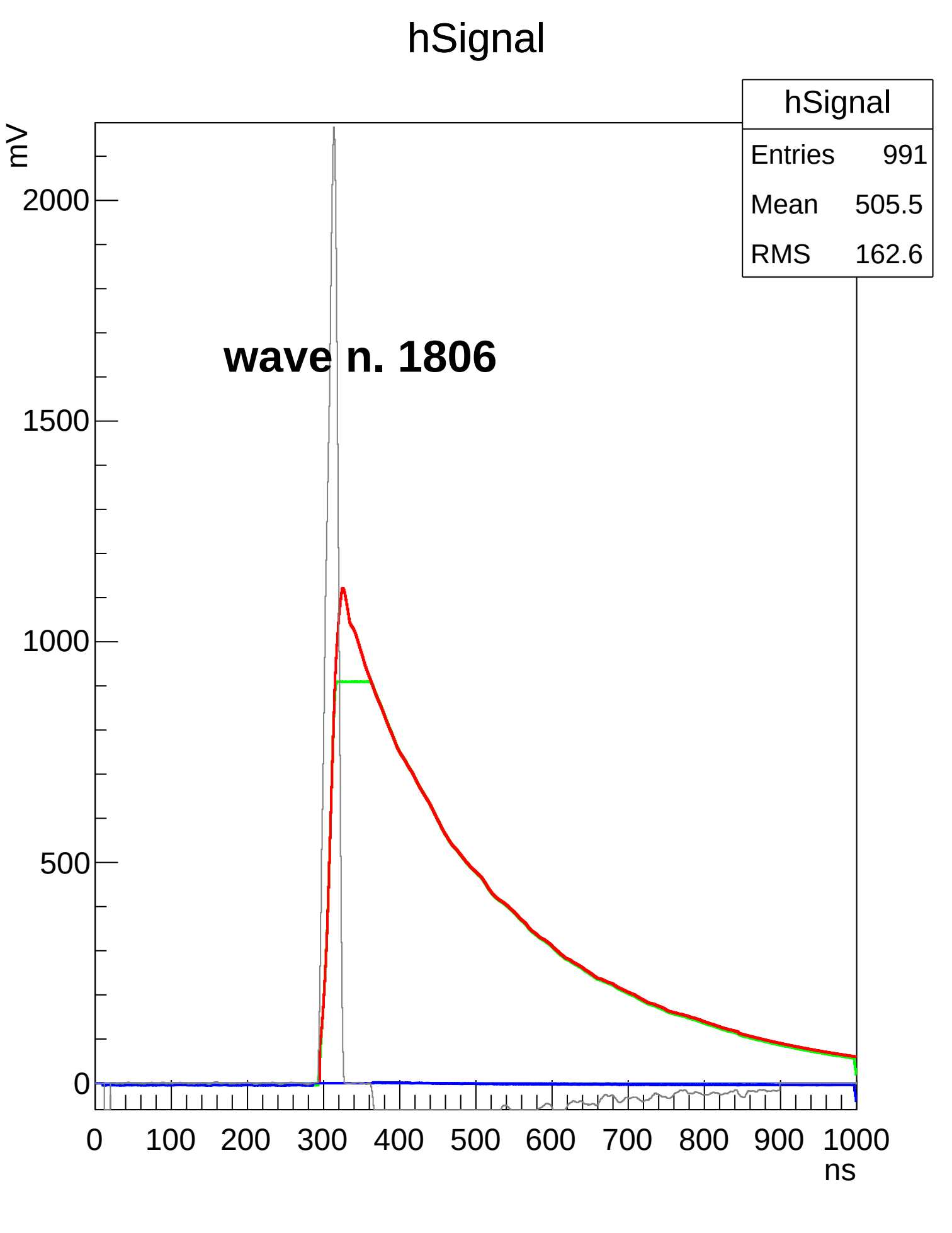
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.5
RMS 162.6
wave n. 1806
mV
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1000
500
0
0
100
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400
500
600
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800
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1000
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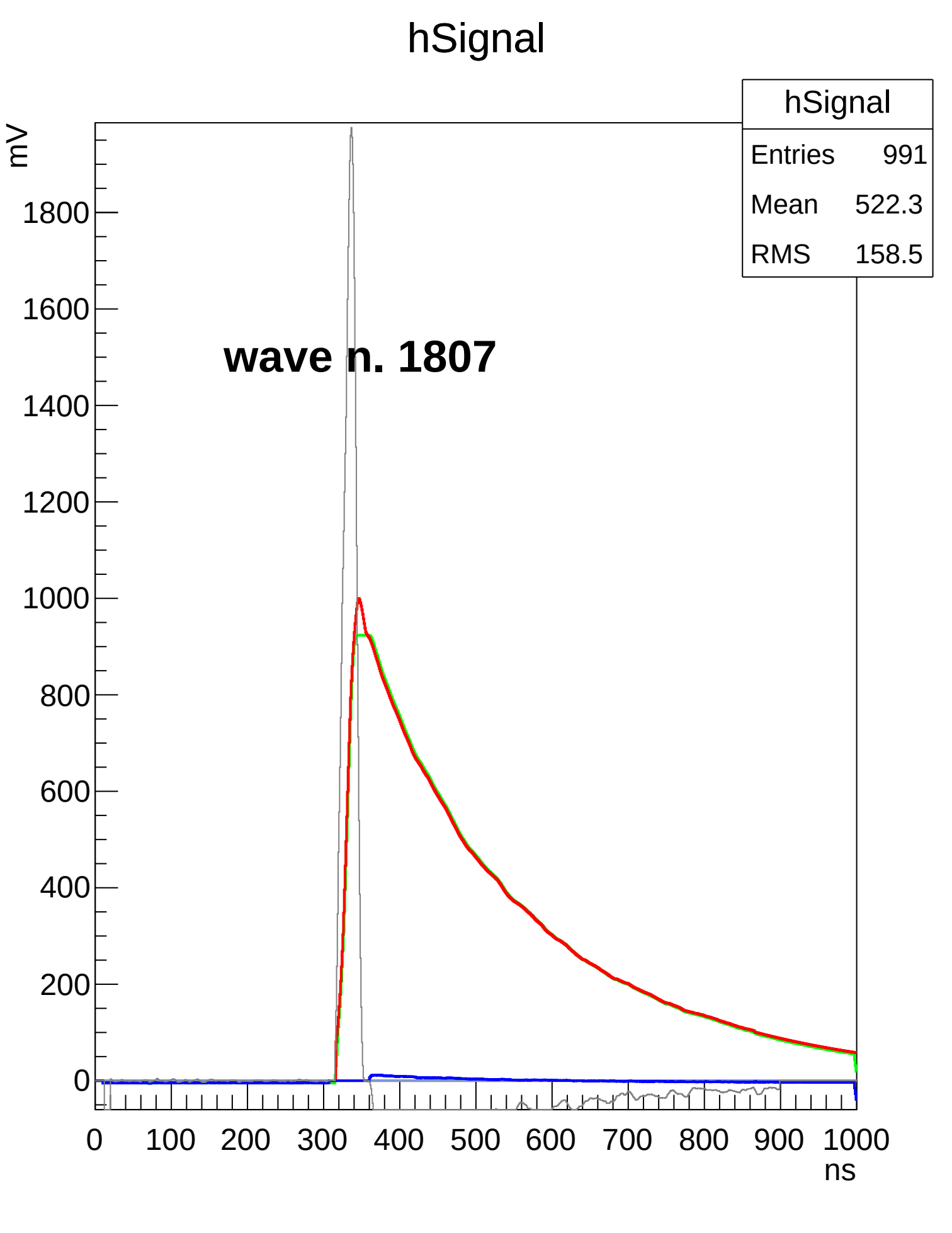
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hSignal
Entries 991
Mean 522.3
RMS 158.5
wave n. 1807
mV
1800
1600
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600
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200
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0
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400
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1000
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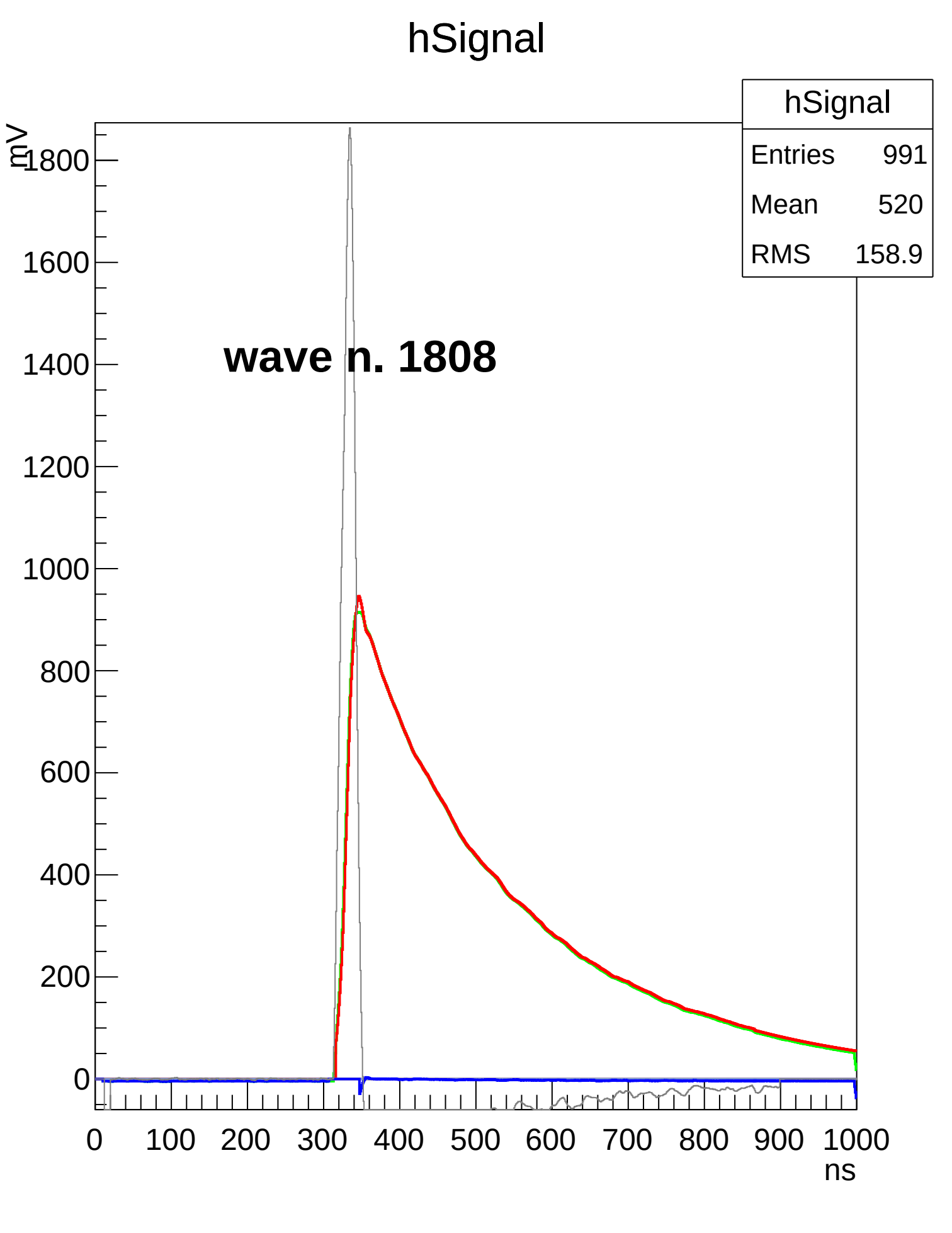
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hSignal
Entries 991
Mean 520
RMS 158.9
wave n. 1808
mV
1800
1600
1400
1200
1000
800
600
400
200
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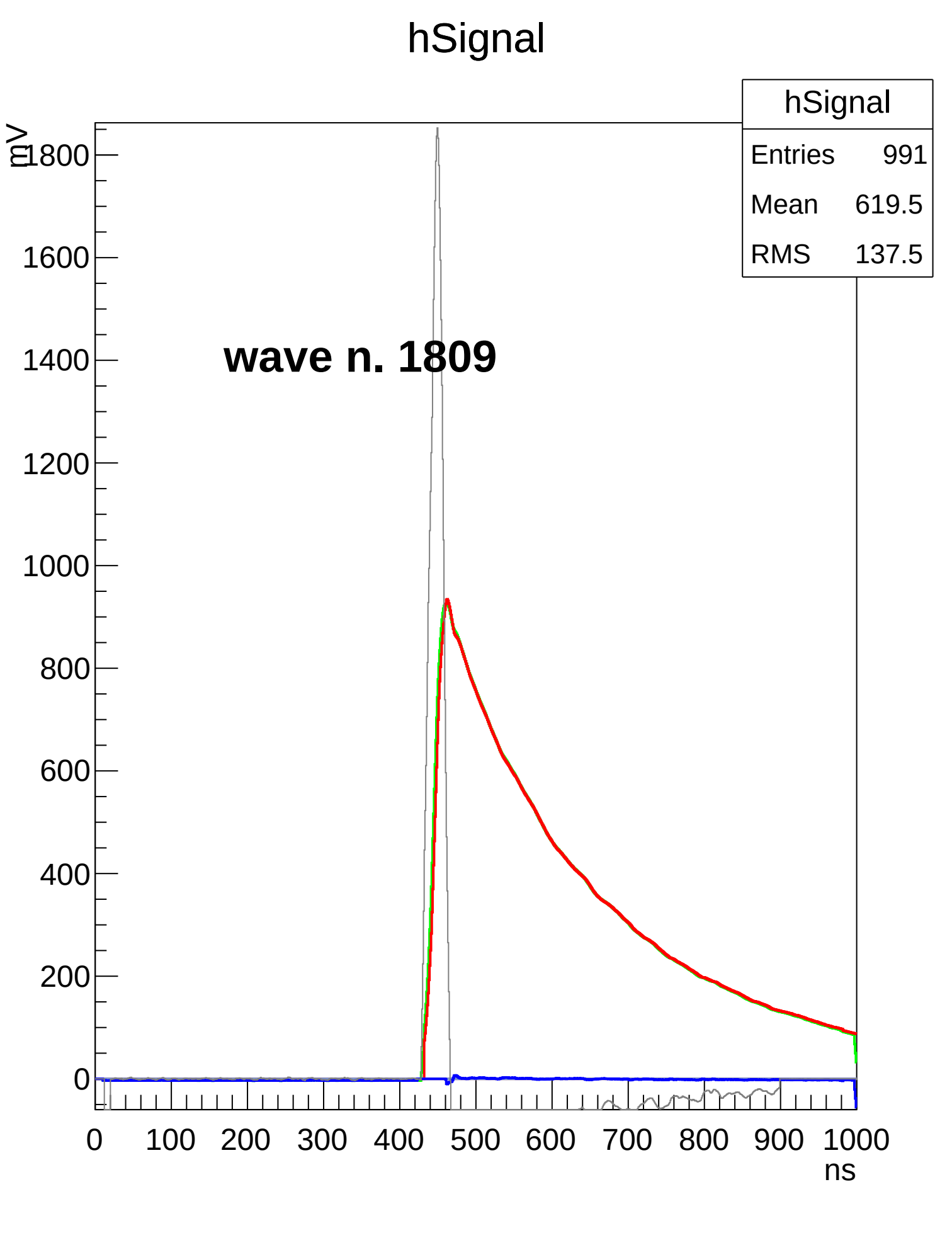
ns


hSignal
hSignal
Entries 991
Mean 619.5
RMS 137.5
wave n. 1809
mV
1800
1600
1400
1200
1000
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600
400
200
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0
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200
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400
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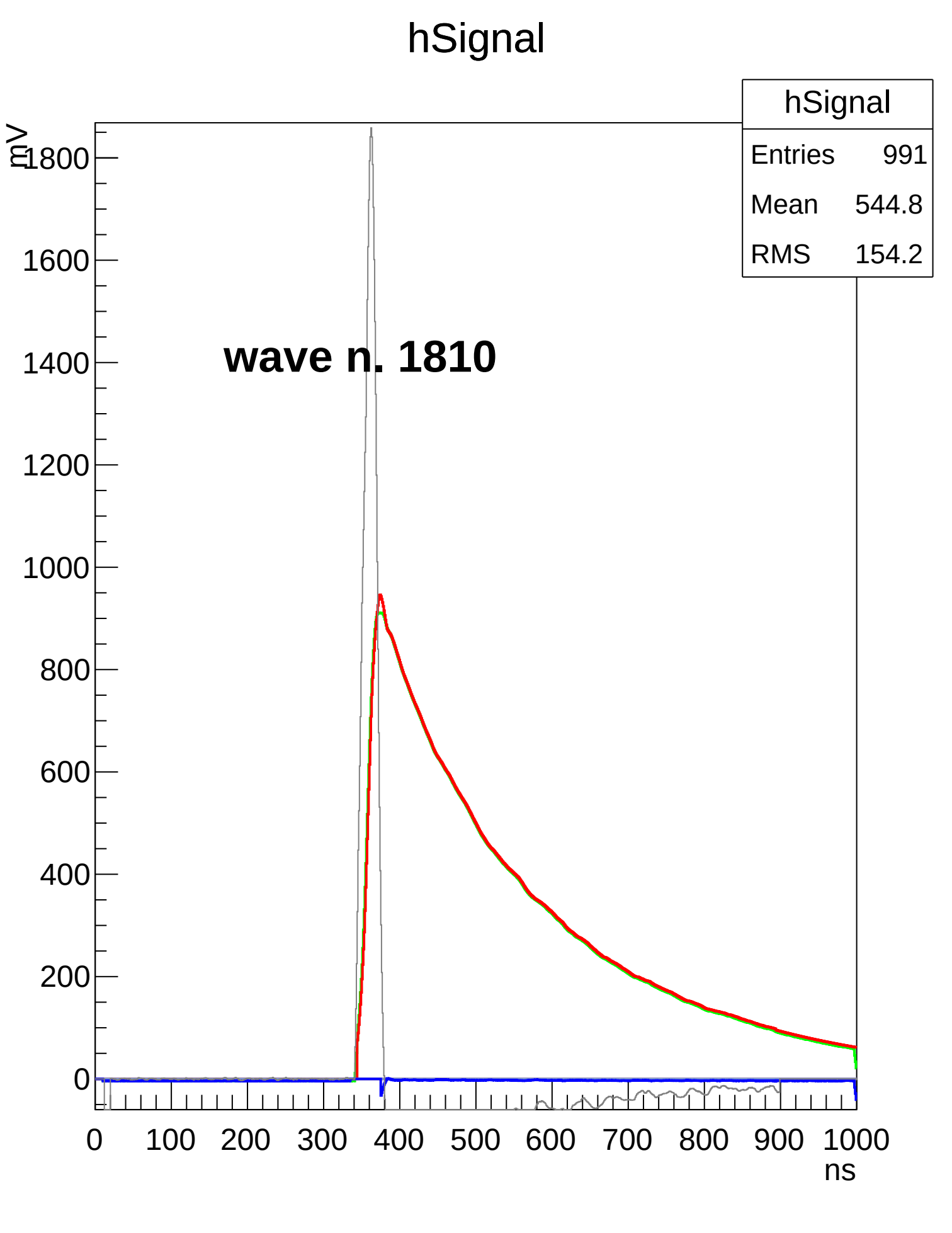
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 544.8
RMS 154.2
wave n. 1810
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
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400
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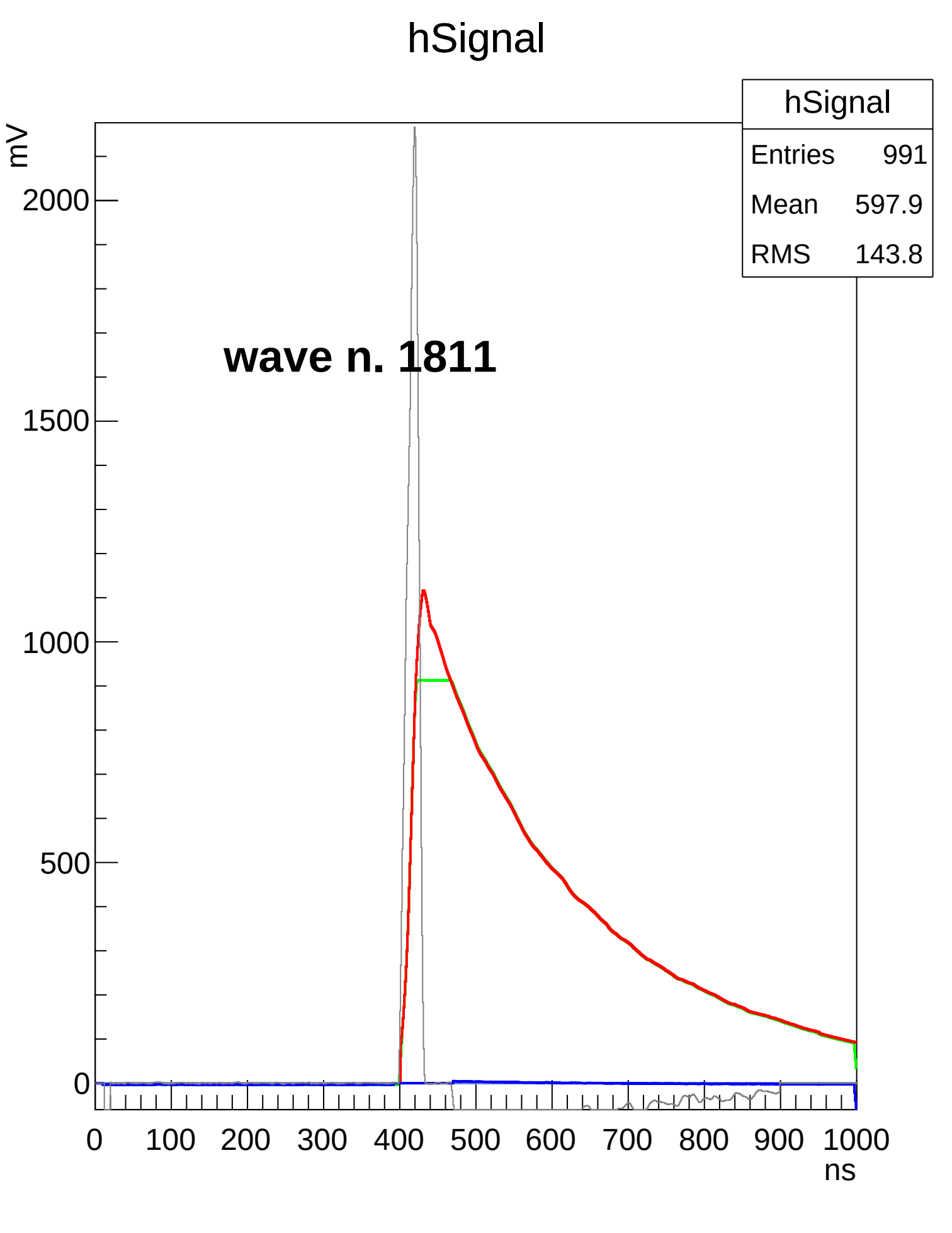
1000
ns


hSignal
hSignal
Entries 991
Mean 597.9
RMS 143.8
wave n. 1811
mV
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1500
1000
500
0
0
100
200
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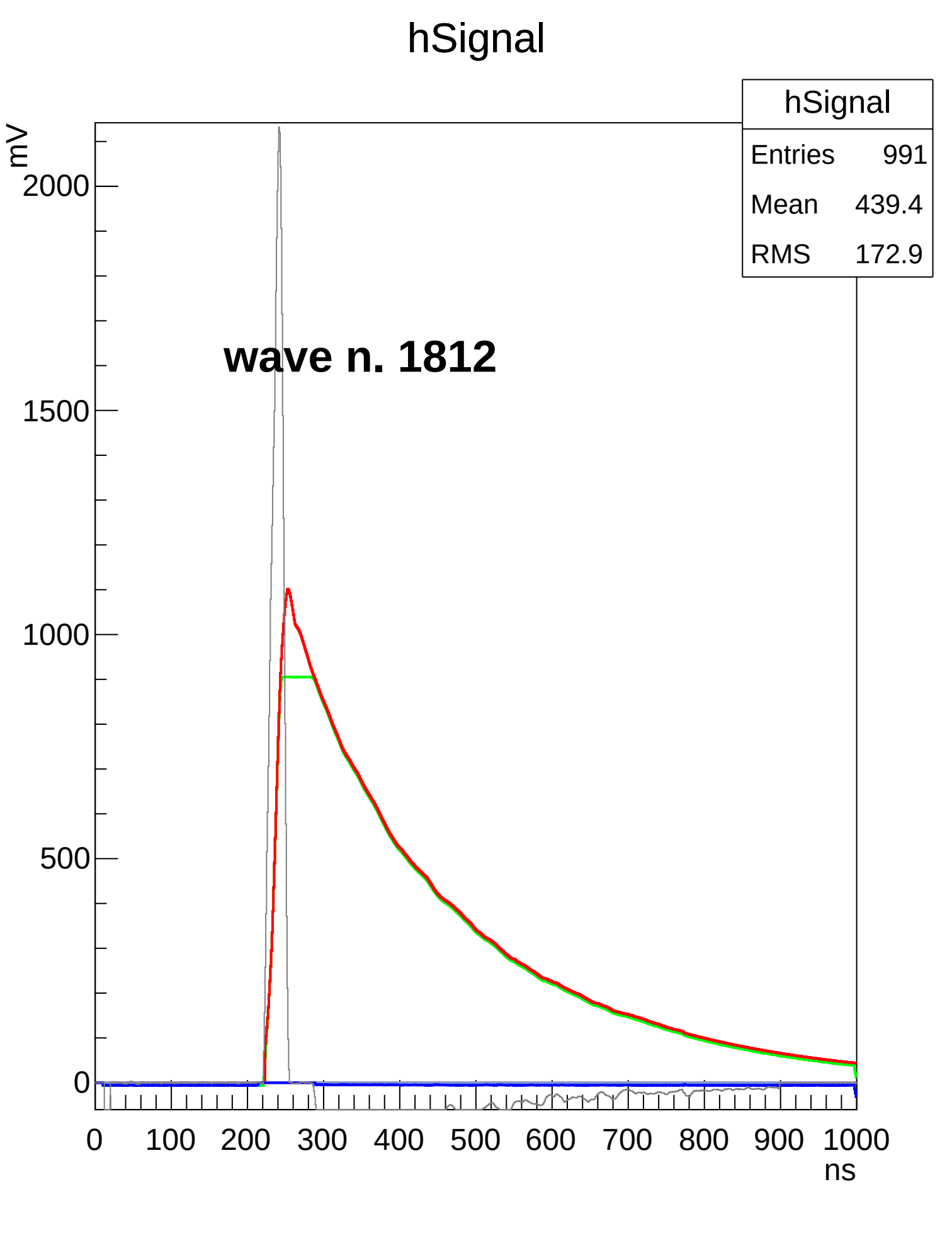
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 439.4
RMS 172.9
wave n. 1812
mV
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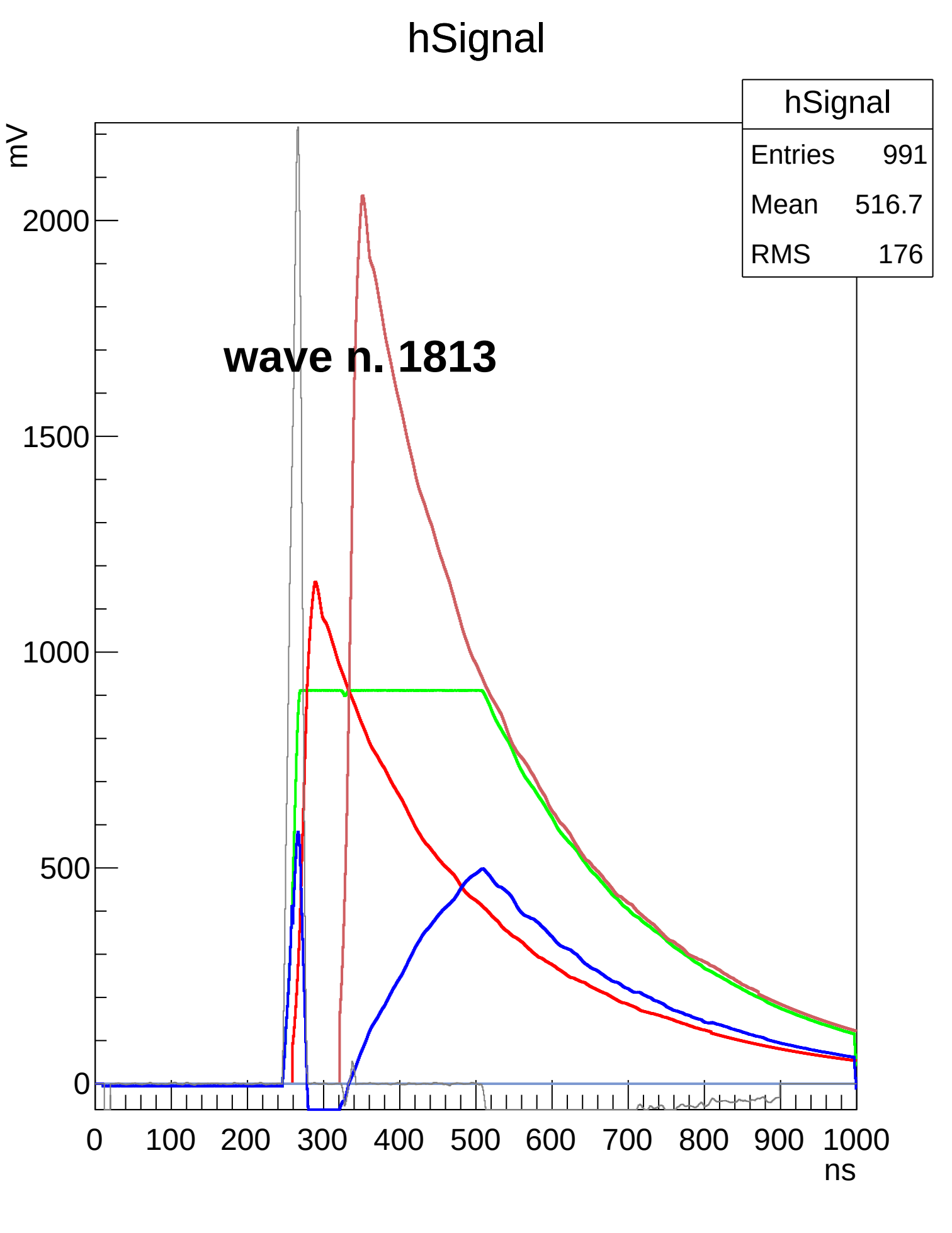
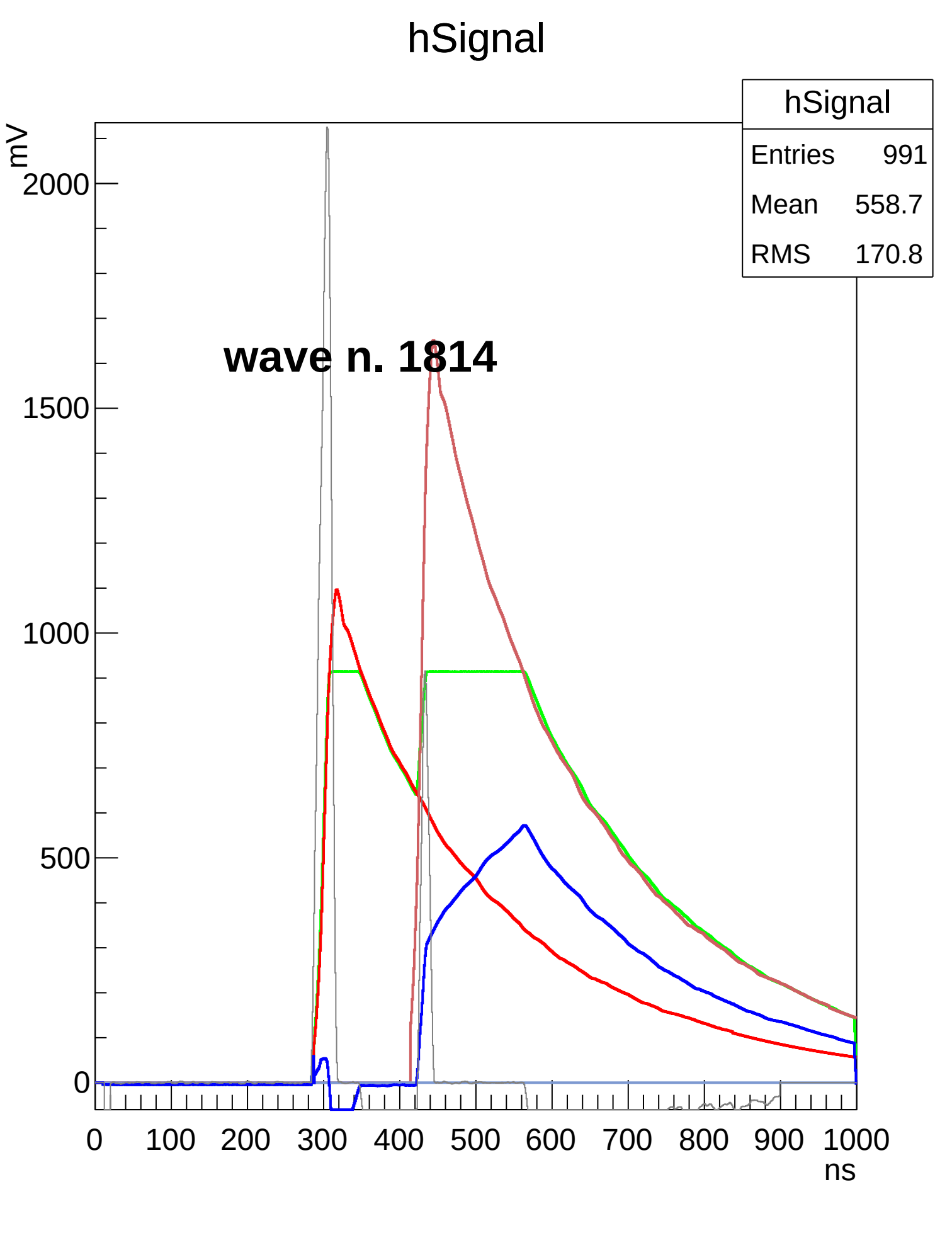
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 516.7
RMS 176
wave n. 1813
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 558.7
RMS 170.8
wave n. 1814
mV
2000
1500
1000
500
0
0
100
200
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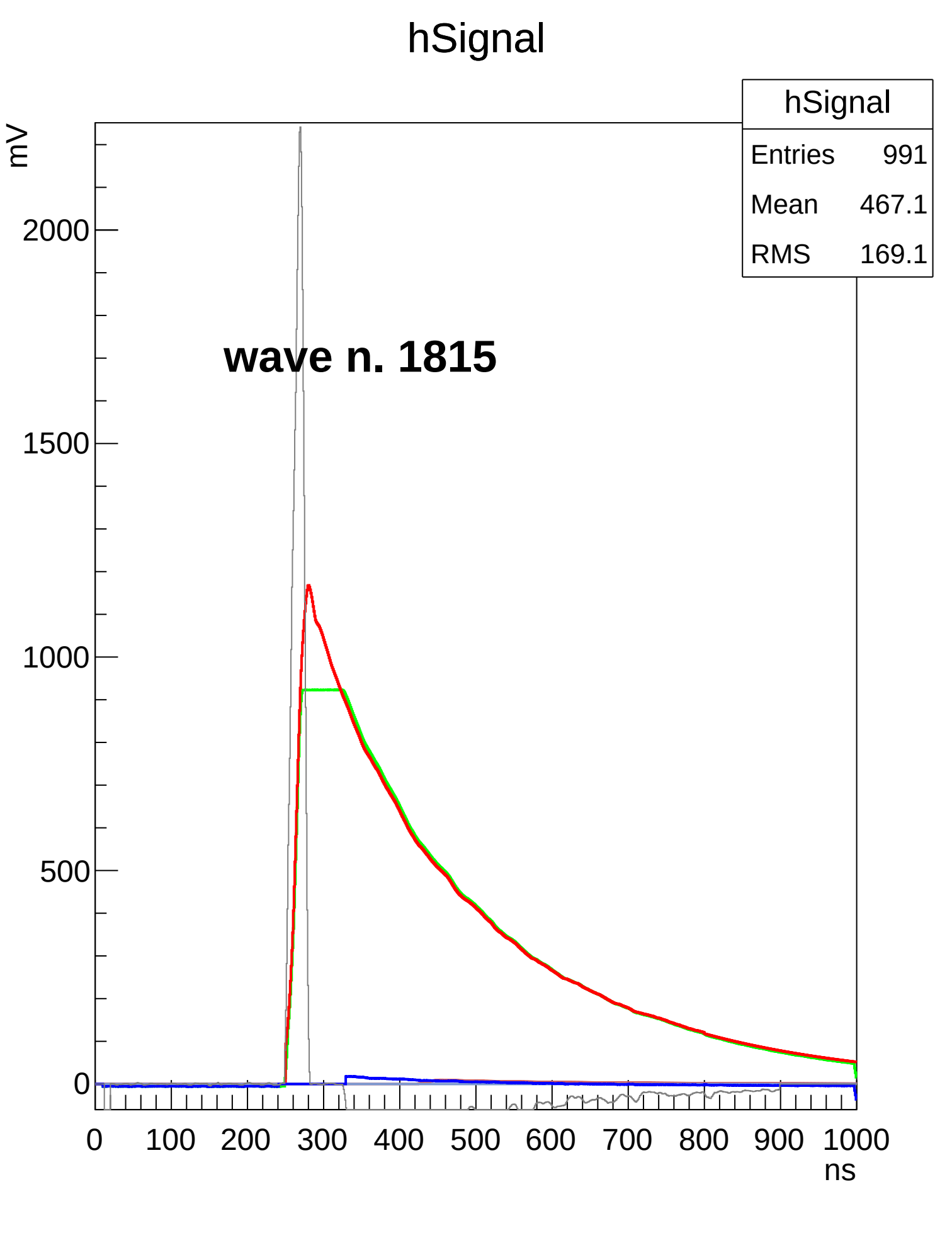
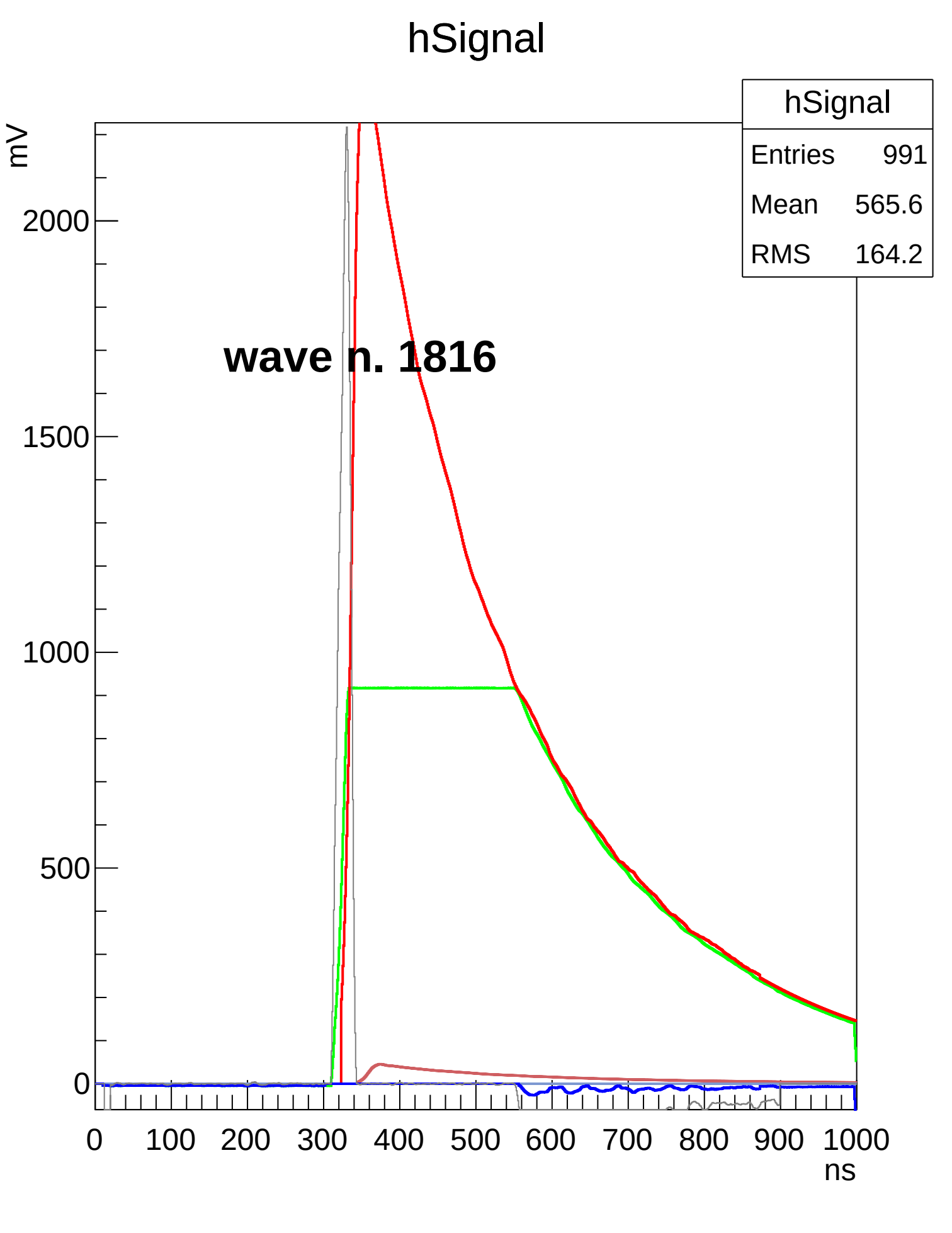
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 467.1
RMS 169.1
wave n. 1815
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 565.6
RMS 164.2
wave n. 1816
mV
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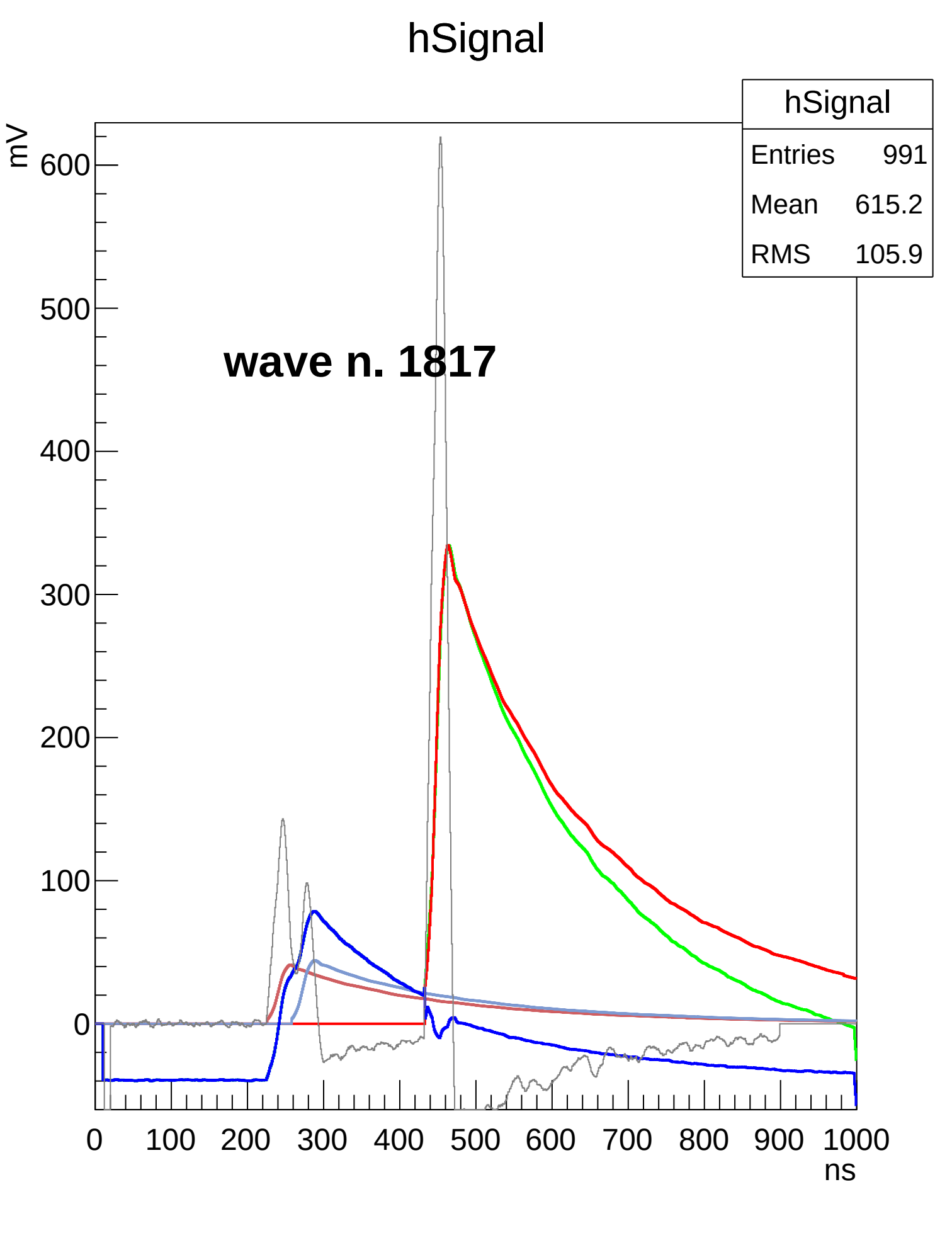
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 615.2
RMS 105.9
wave n. 1817
mV
600
500
400
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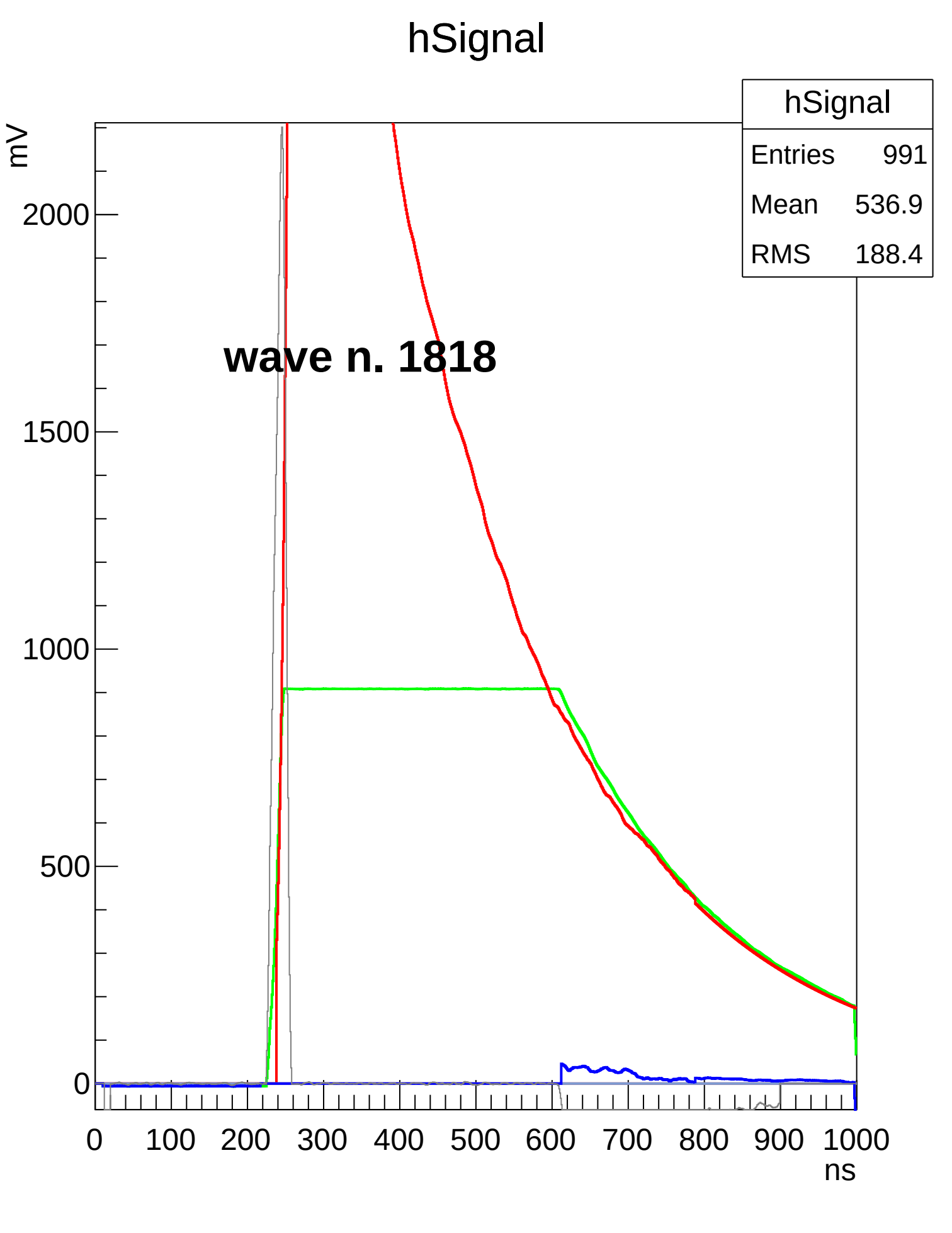
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 536.9
RMS 188.4
wave n. 1818
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1500
1000
500
0
0
100
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800
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1000
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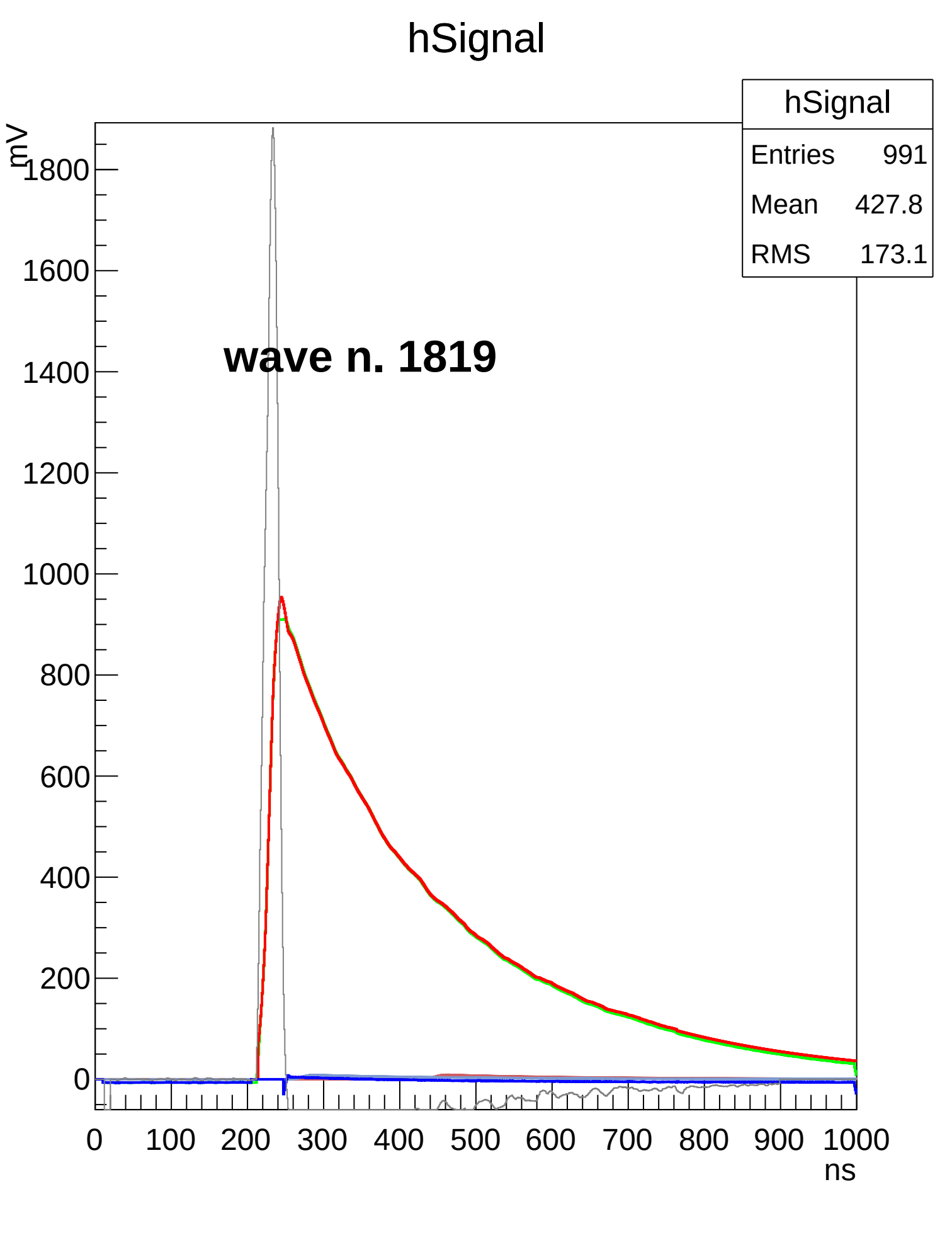
hSignal
hSignal
Entries 991
Mean 427.8
RMS 173.1
wave n. 1819
mV
1800
1600
1400
1200
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600
400
200
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0
100
200
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400
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800
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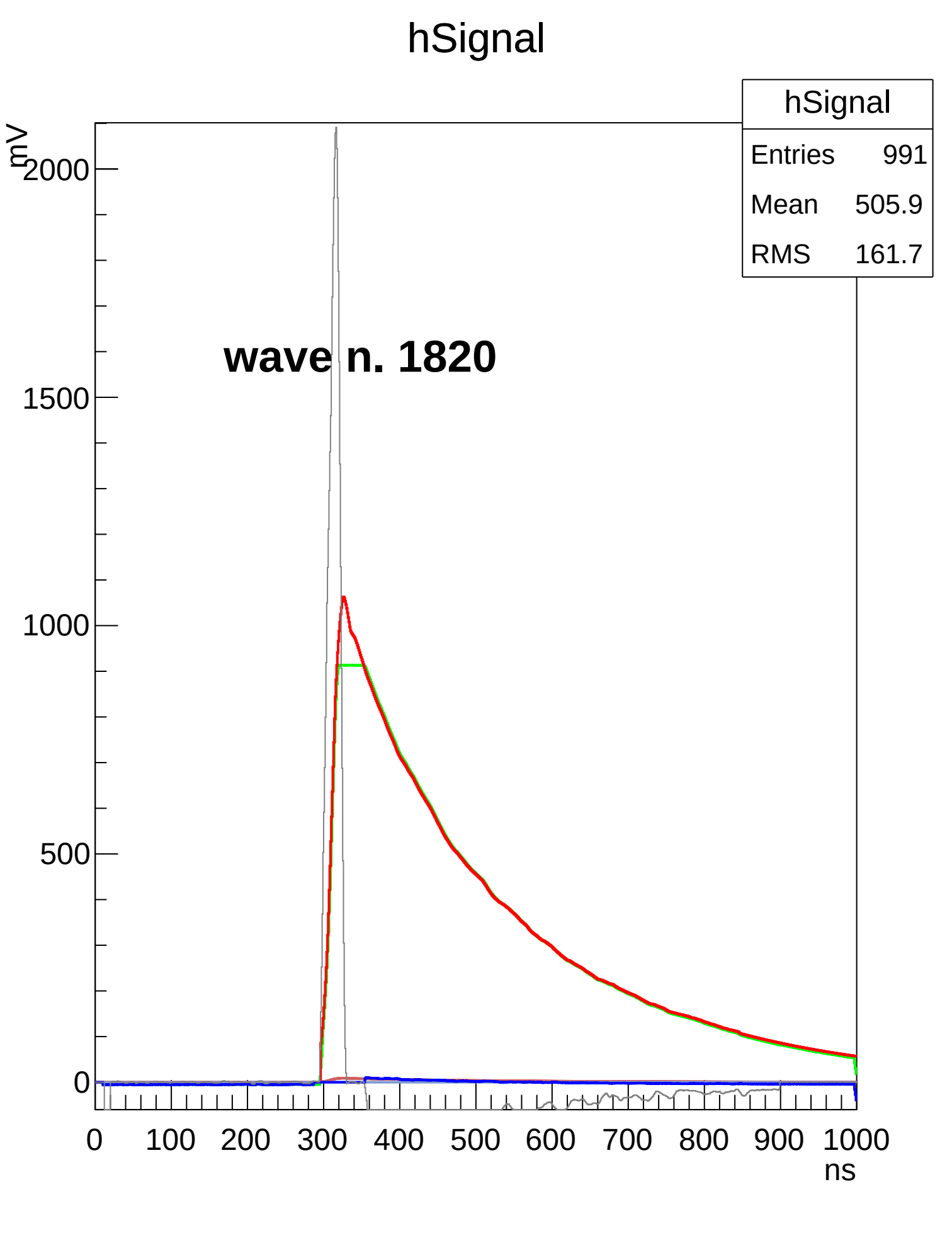
1000
ns


hSignal
hSignal
Entries 991
Mean 505.9
RMS 161.7
wave n. 1820
mV
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1000
500
0
0
100
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400
500
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800
900
1000
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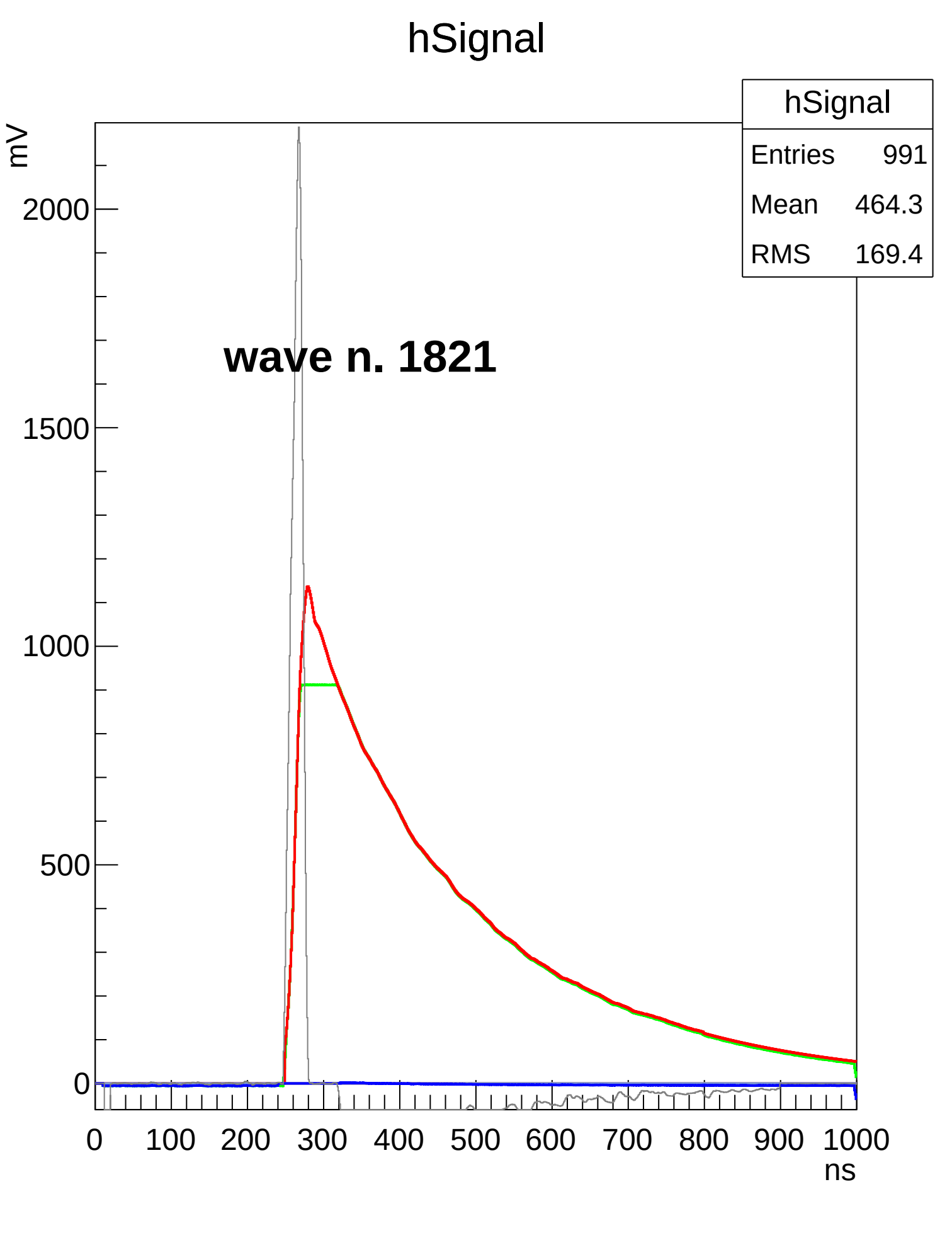
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hSignal
Entries 991
Mean 464.3
RMS 169.4
wave n. 1821
mV
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1000
500
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1000
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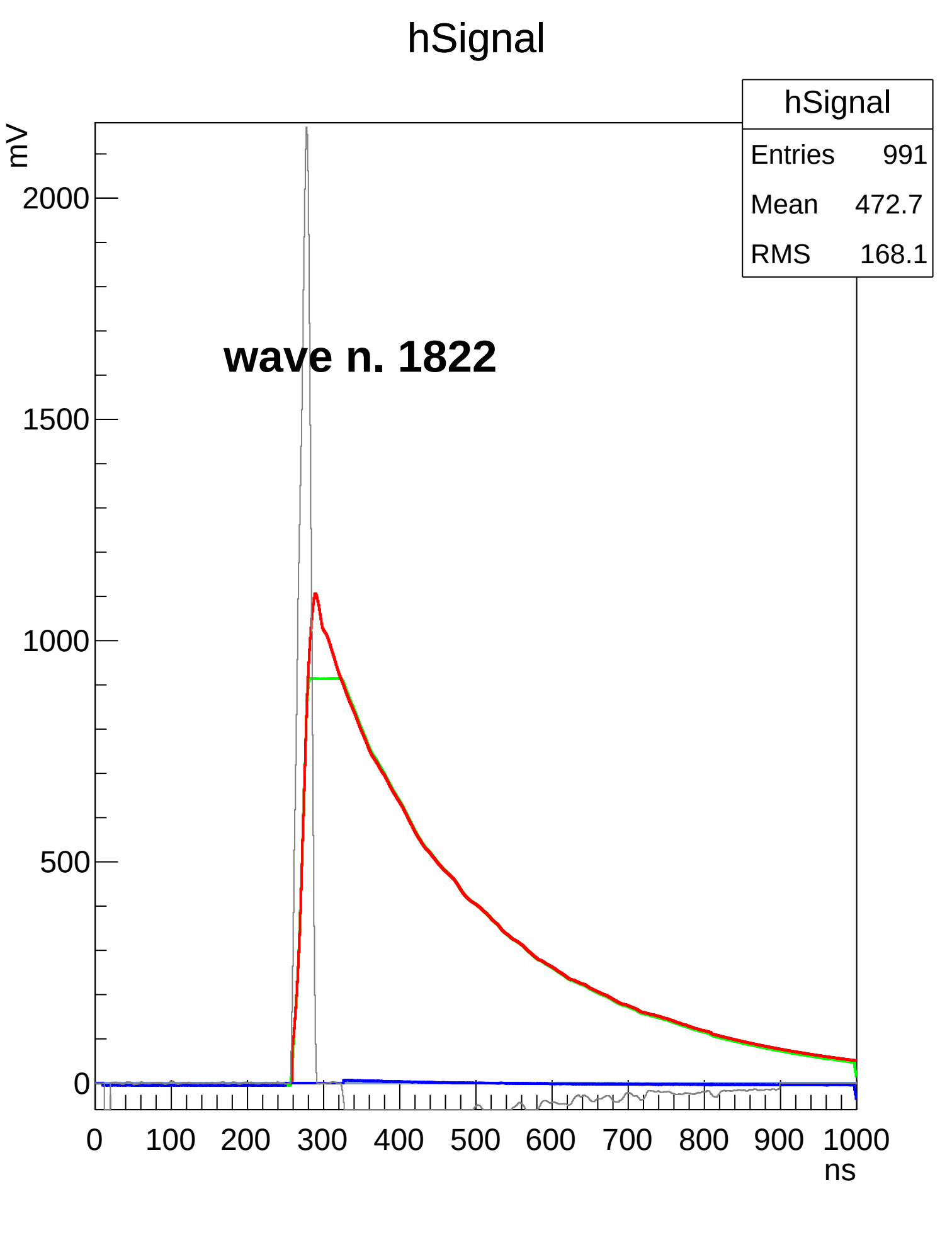
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hSignal
Entries 991
Mean 472.7
RMS 168.1
wave n. 1822
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400
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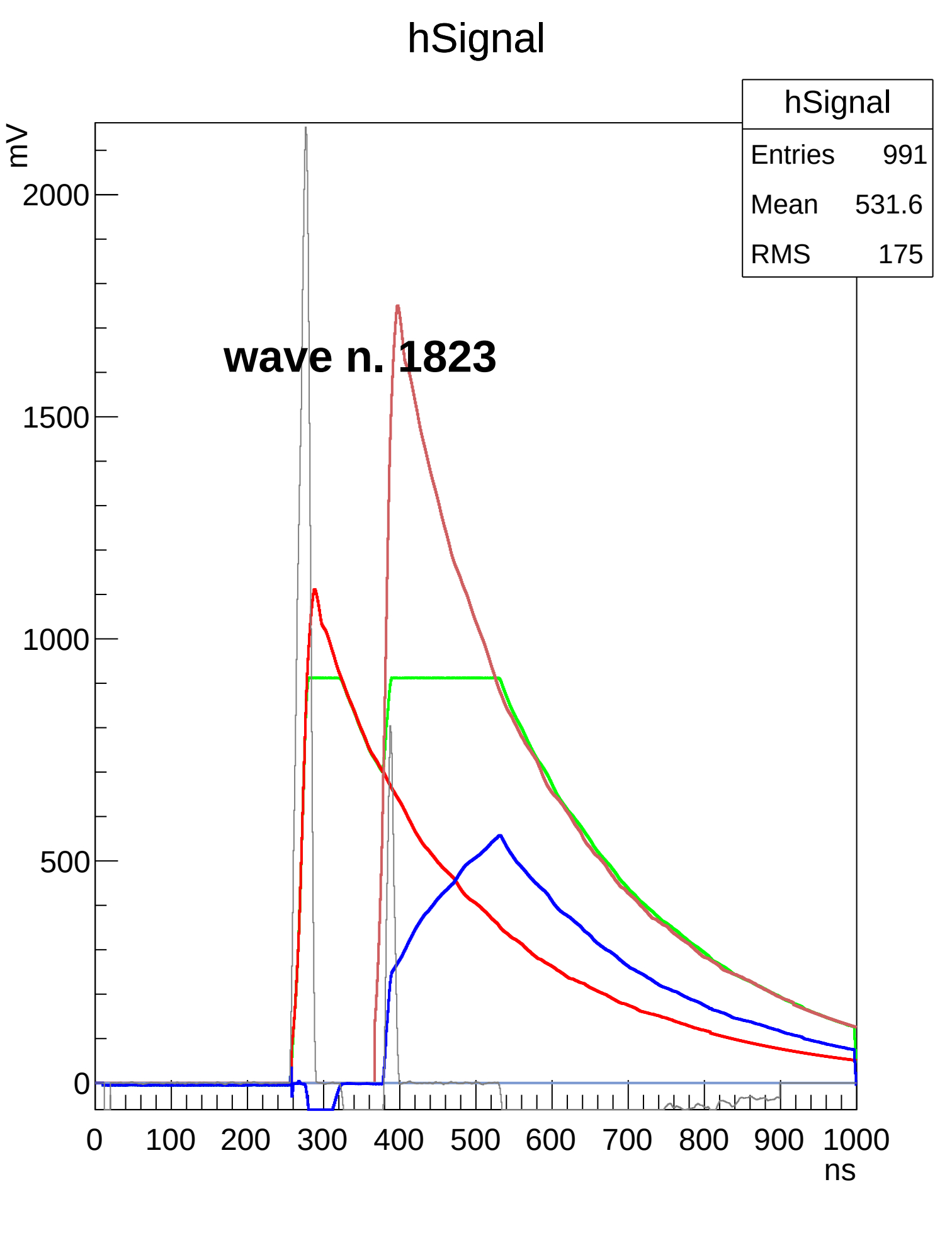
800
900
1000
ns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hSignal
Entries 991
Mean 531.6
RMS 175
wave n. 1823
mV
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1000
500
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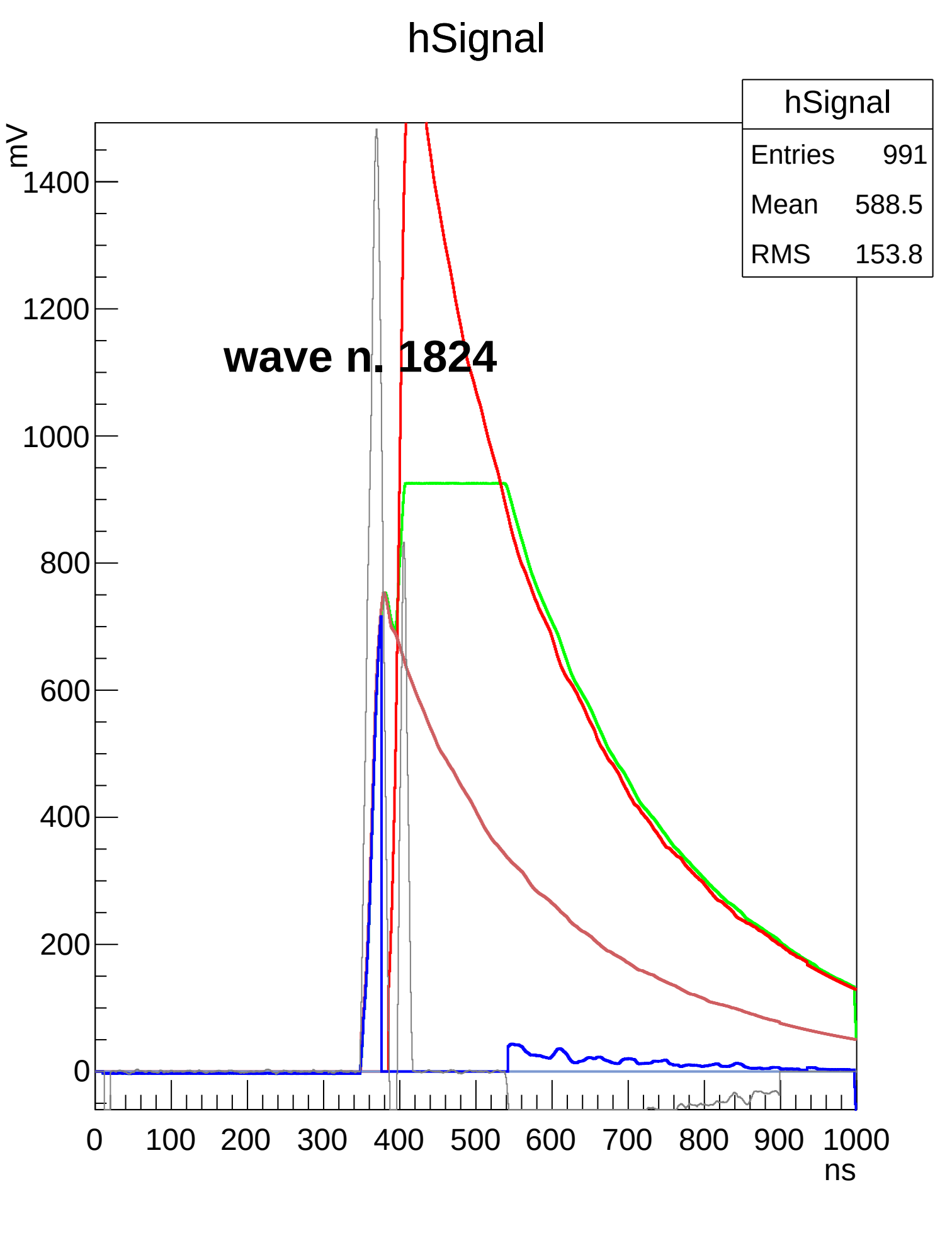
ns


hSignal
hSignal
Entries 991
Mean 588.5
RMS 153.8
wave n. 1824
mV
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1200
1000
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600
400
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1000
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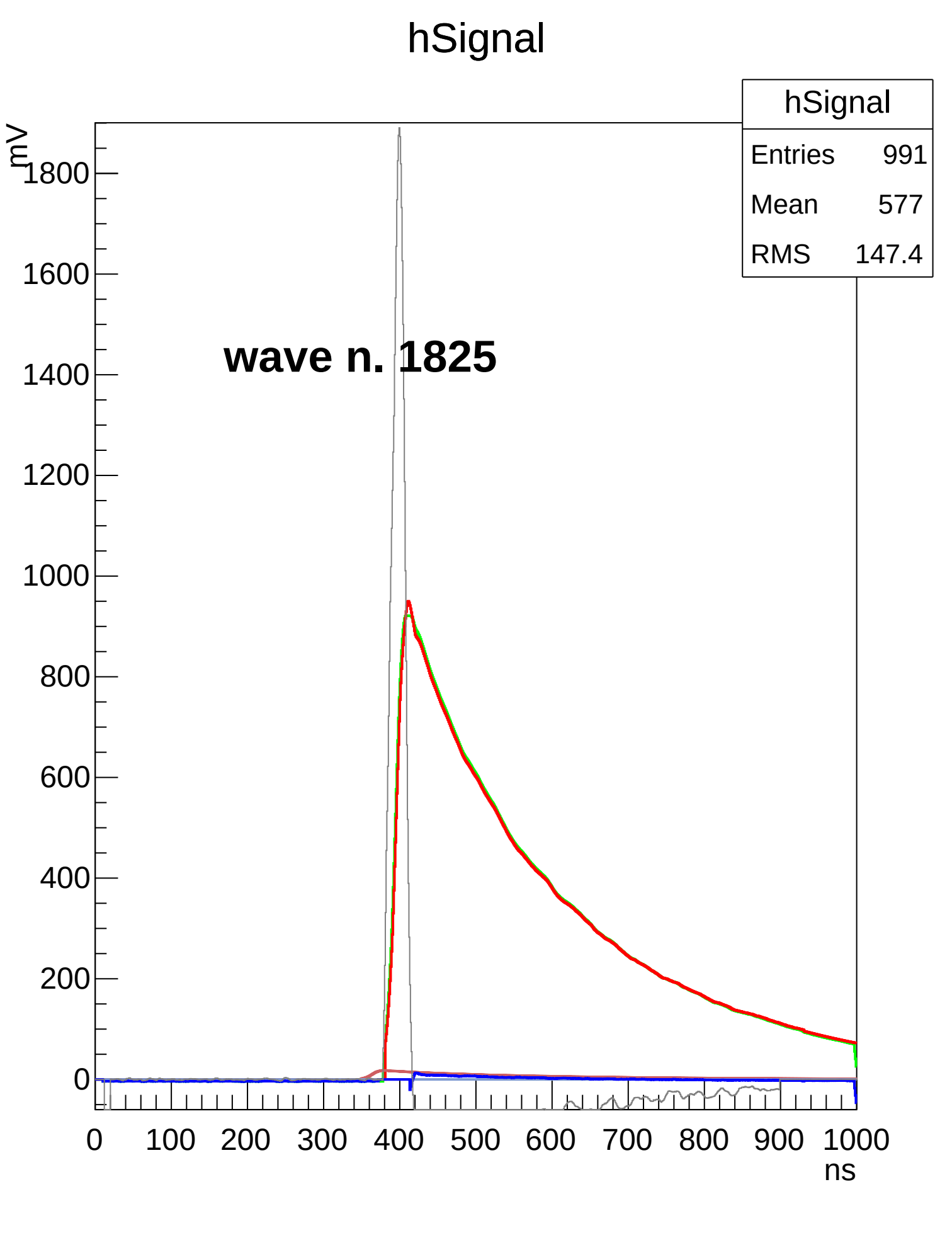
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hSignal
Entries 991
Mean 577
RMS 147.4
wave n. 1825
mV
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1600
1400
1200
1000
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400
200
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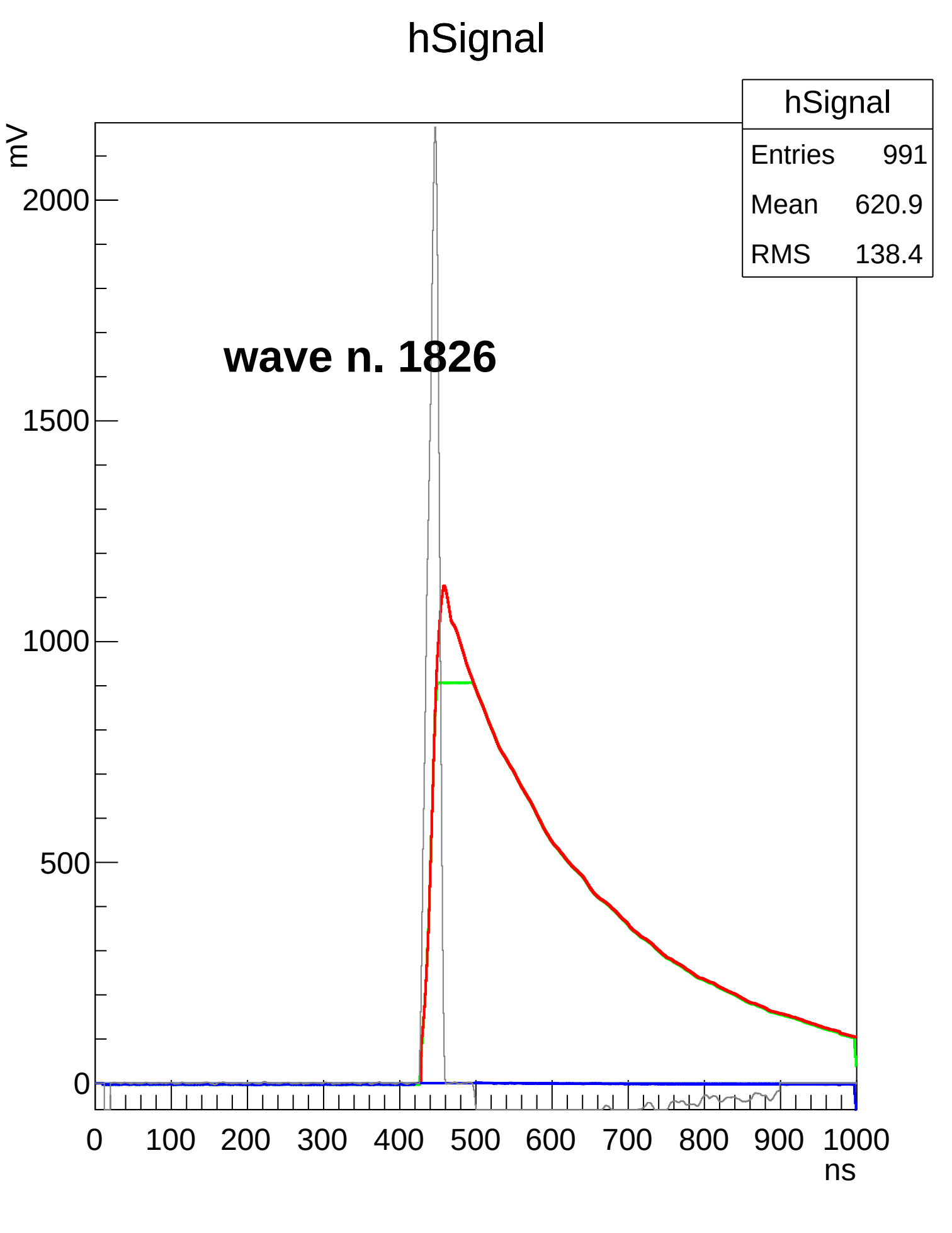
ns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hSignal
Entries 991
Mean 620.9
RMS 138.4
wave n. 1826
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1000
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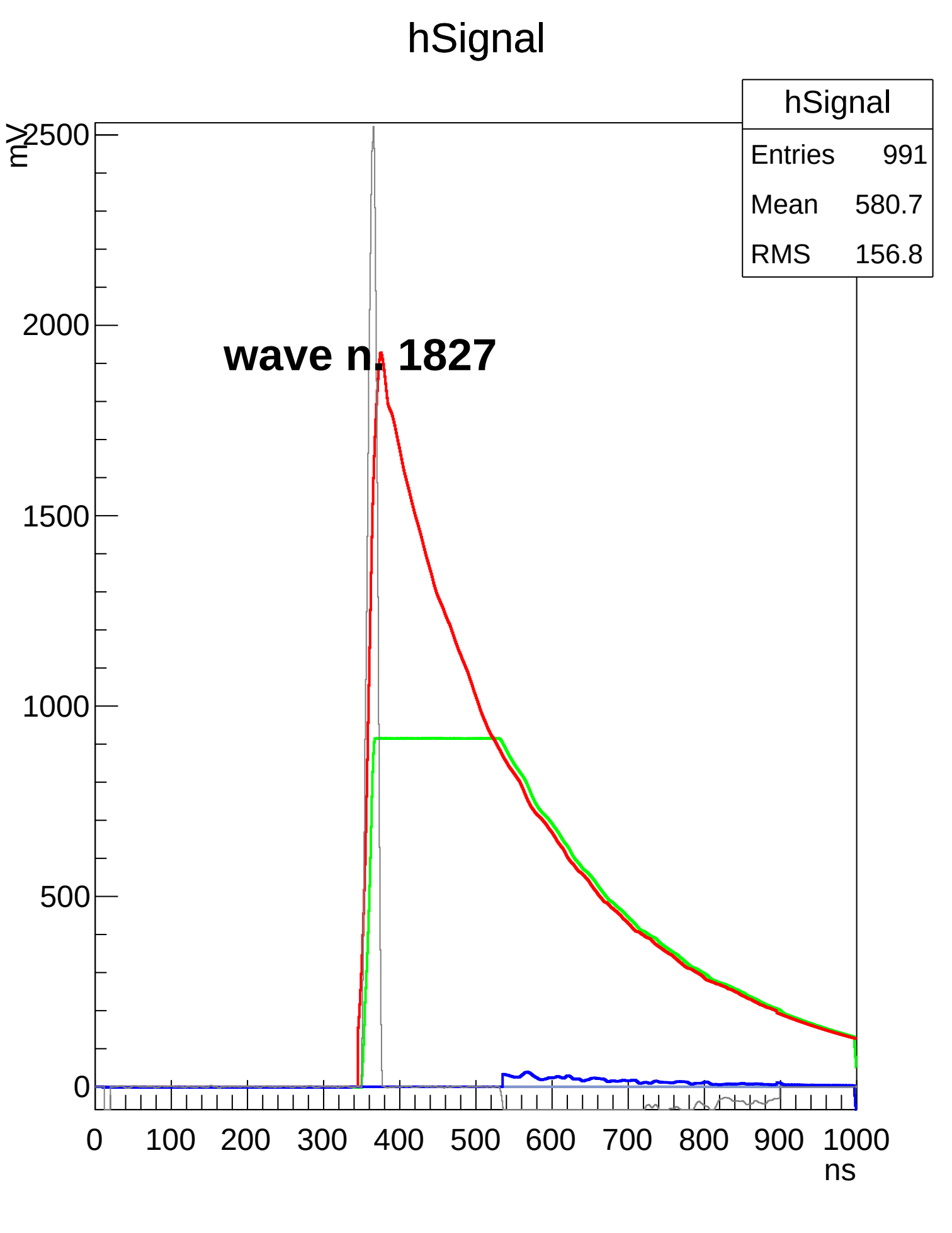
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hSignal
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wave n. 1827
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1000
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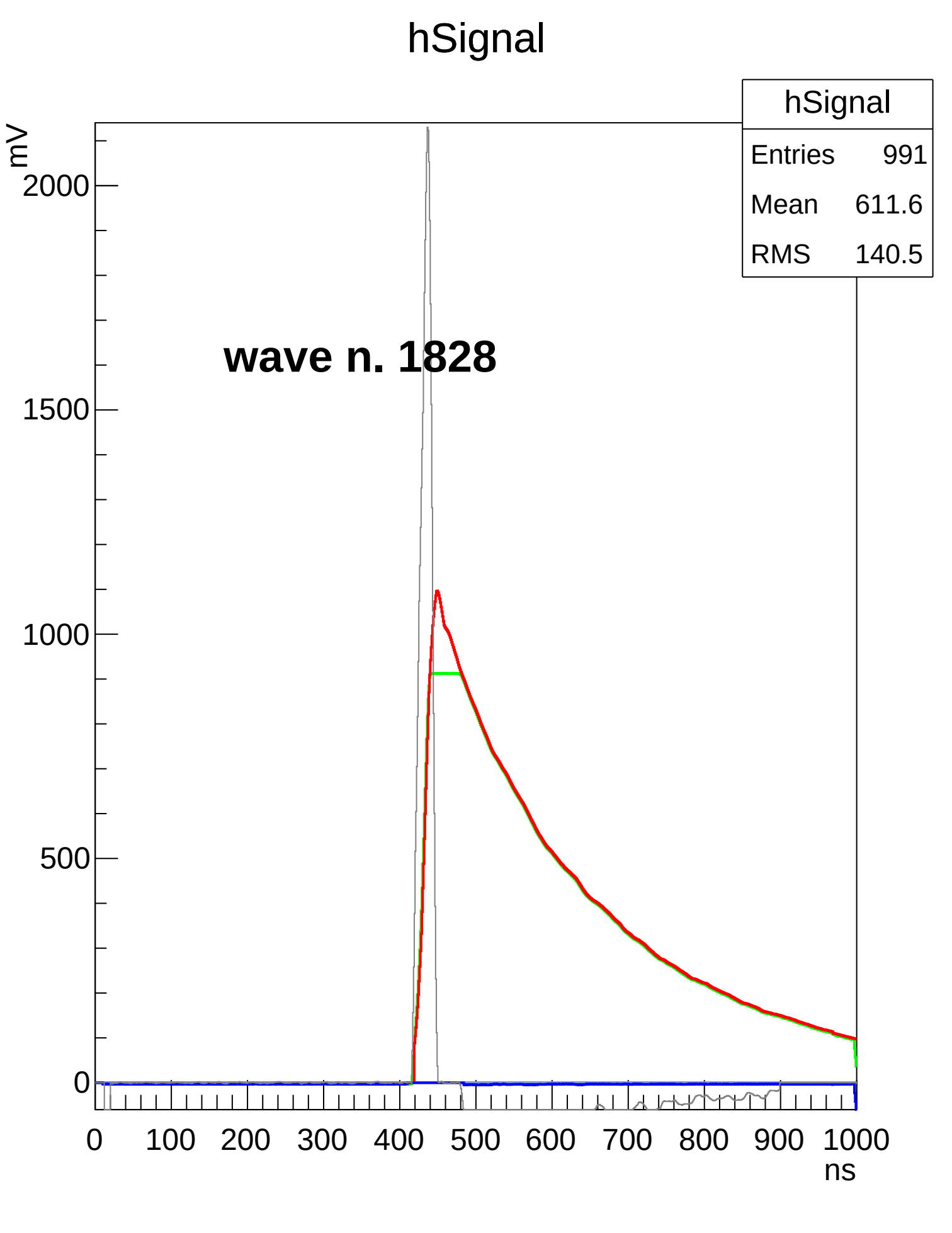
ns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hSignal
Entries 991
Mean 611.6
RMS 140.5
wave n. 1828
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400
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600
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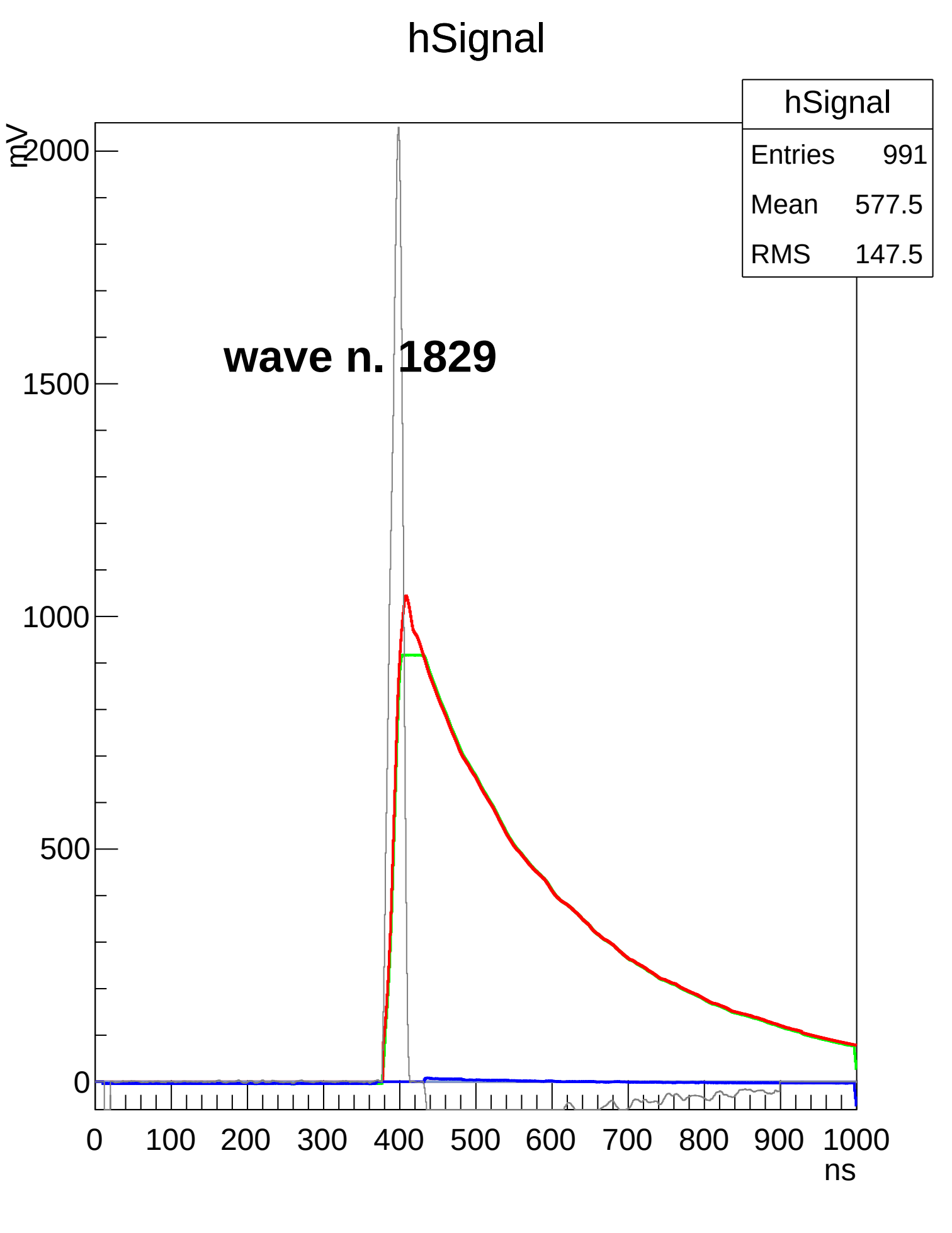
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.5
RMS 147.5
wave n. 1829
mV
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1500
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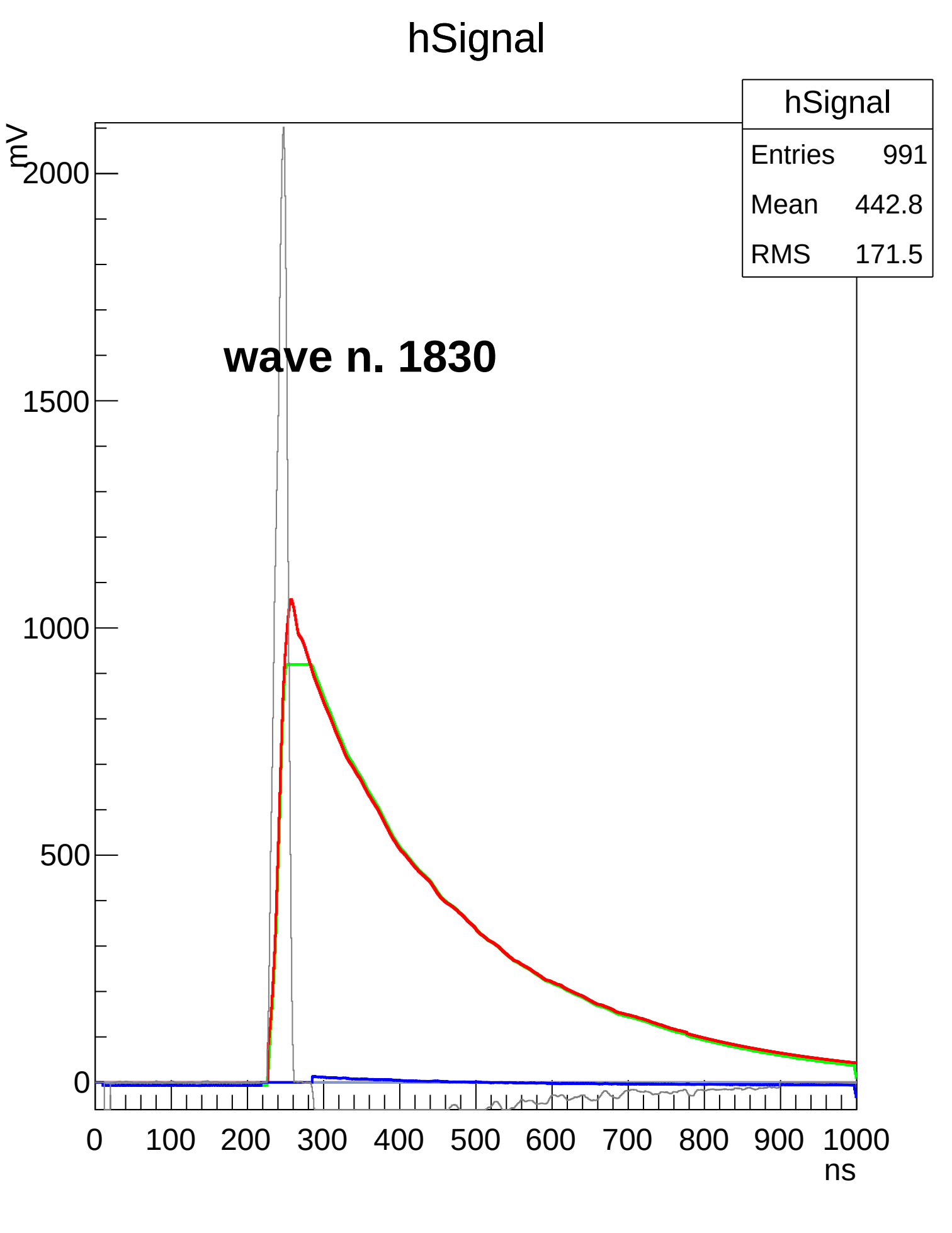
hSignal
hSignal
Entries 991
Mean 442.8
RMS 171.5
wave n. 1830
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1000
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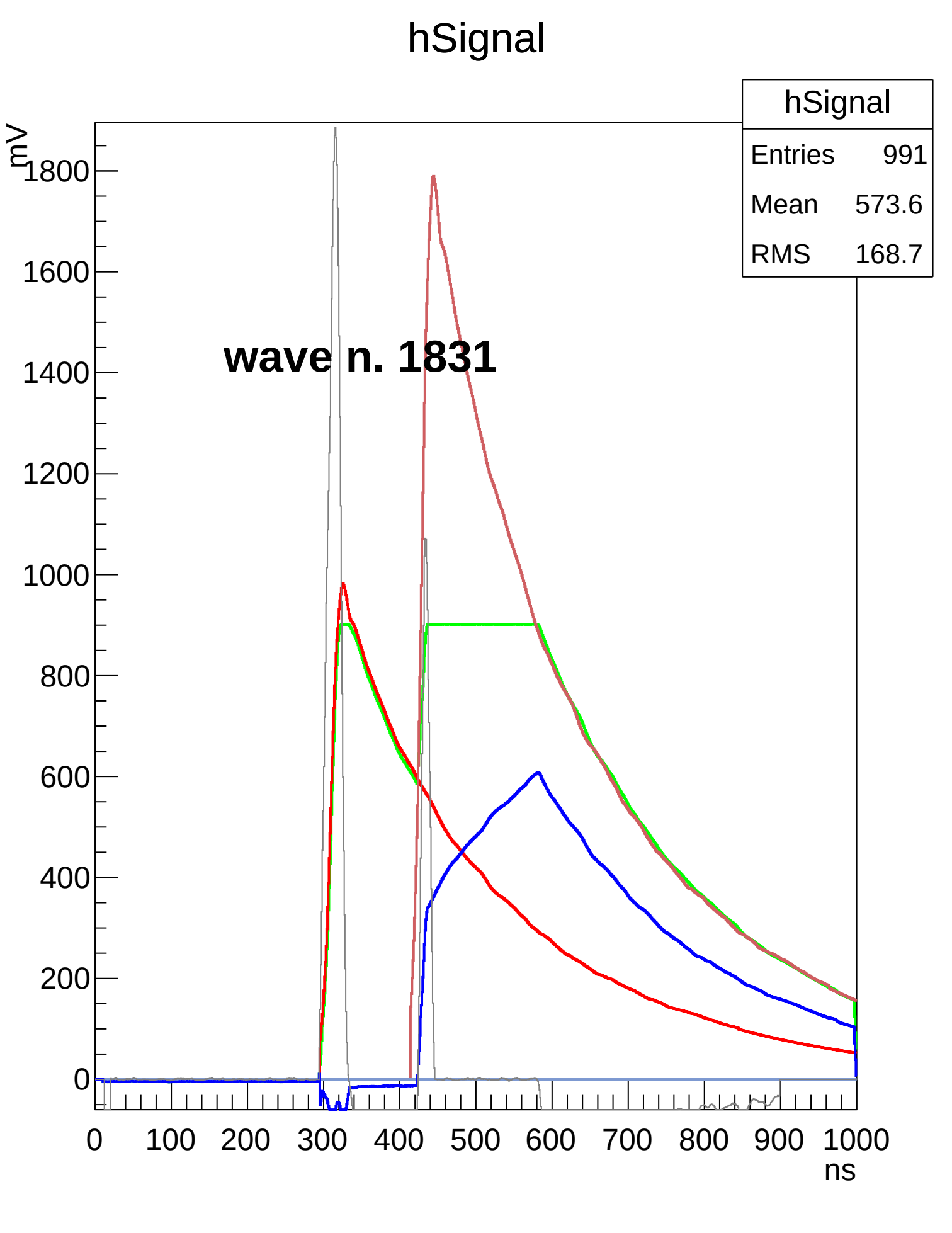
hSignal
hSignal
Entries 991
Mean 573.6
RMS 168.7
wave n. 1831
mV
1800
1600
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1000
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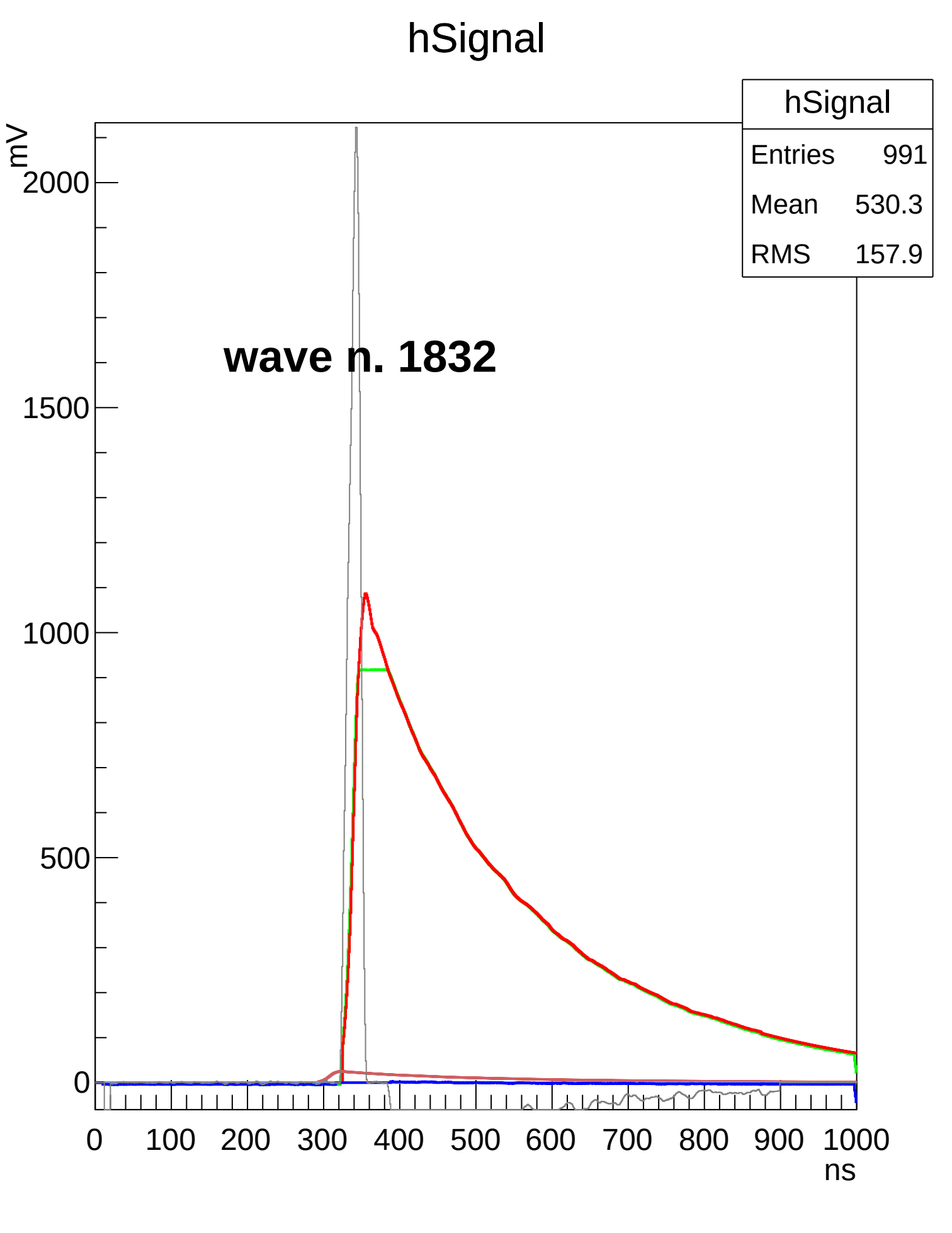
hSignal
hSignal
Entries 991
Mean 530.3
RMS 157.9
wave n. 1832
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1000
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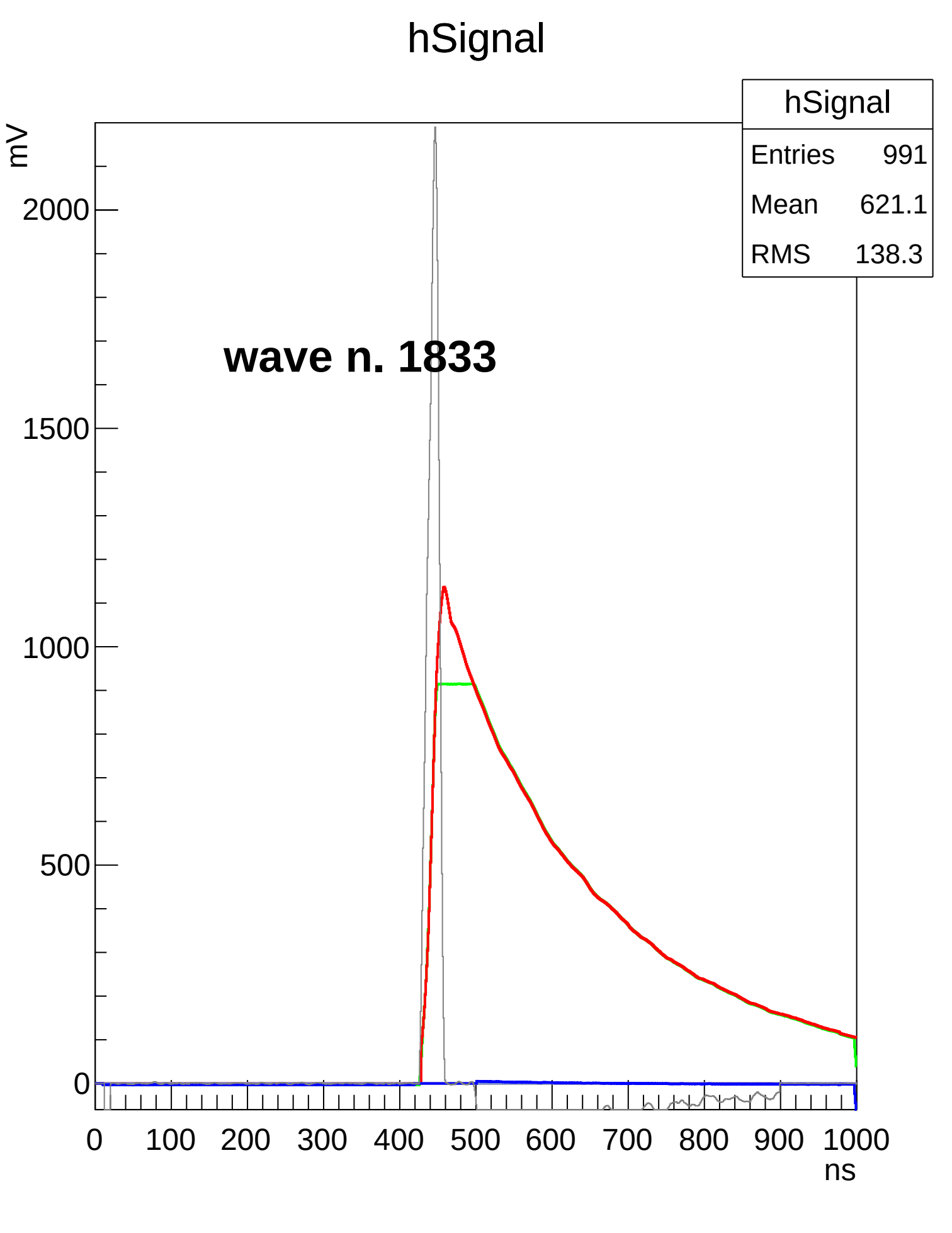
1000
ns


hSignal
hSignal
Entries 991
Mean 621.1
RMS 138.3
wave n. 1833
mV
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1500
1000
500
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0
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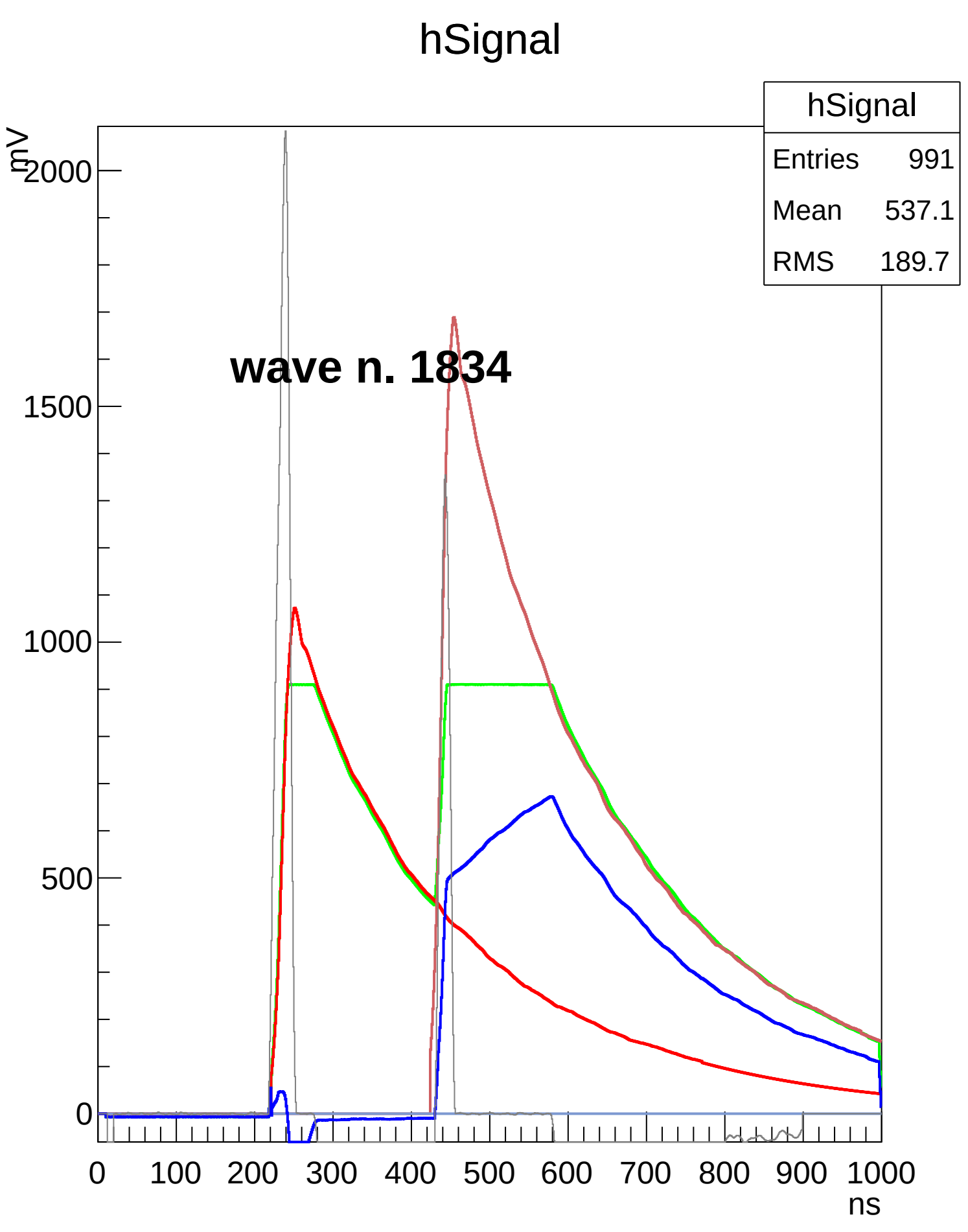
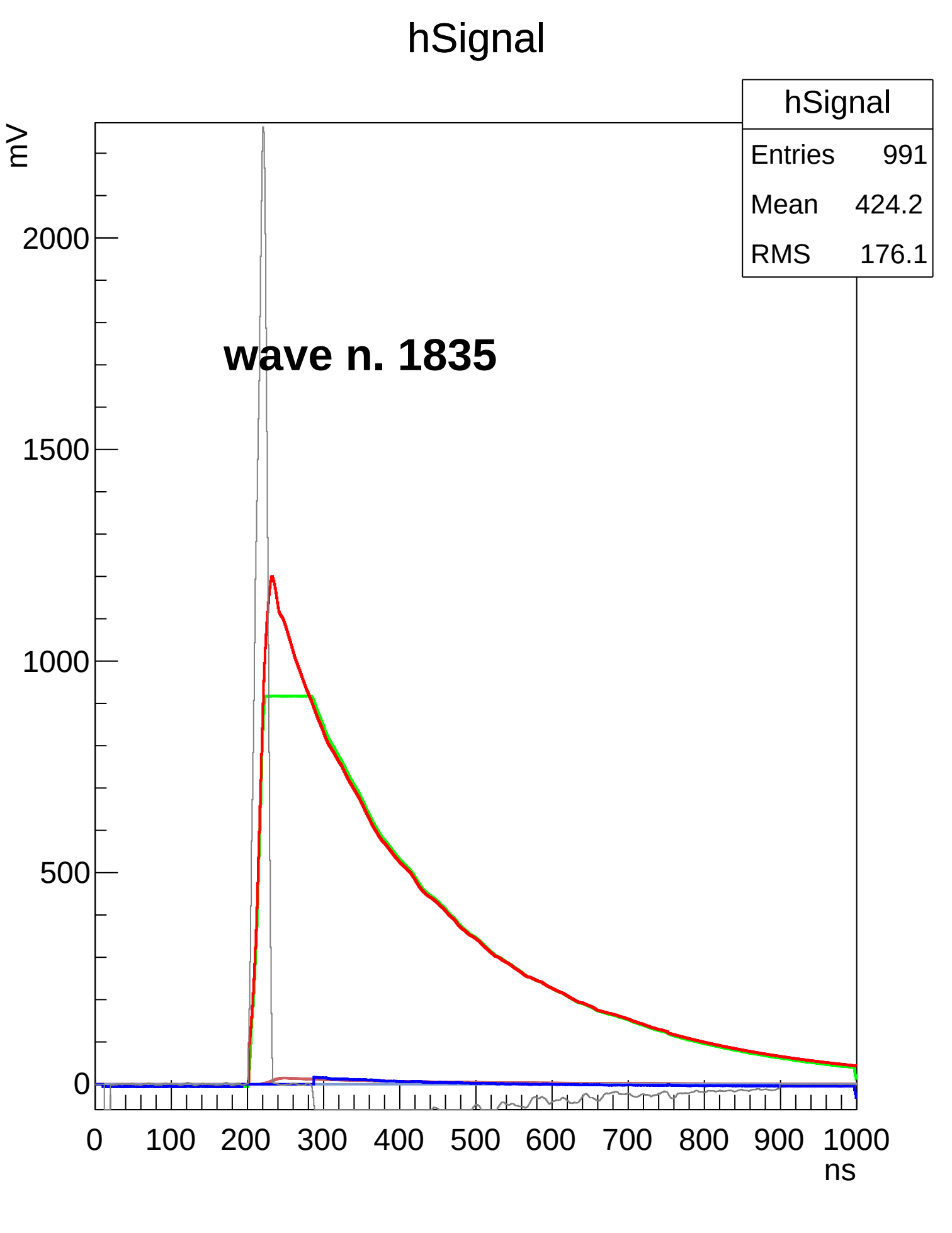
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 537.1
RMS 189.7
wave n. 1834
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 424.2
RMS 176.1
wave n. 1835
mV
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1500
1000
500
0
0
100
200
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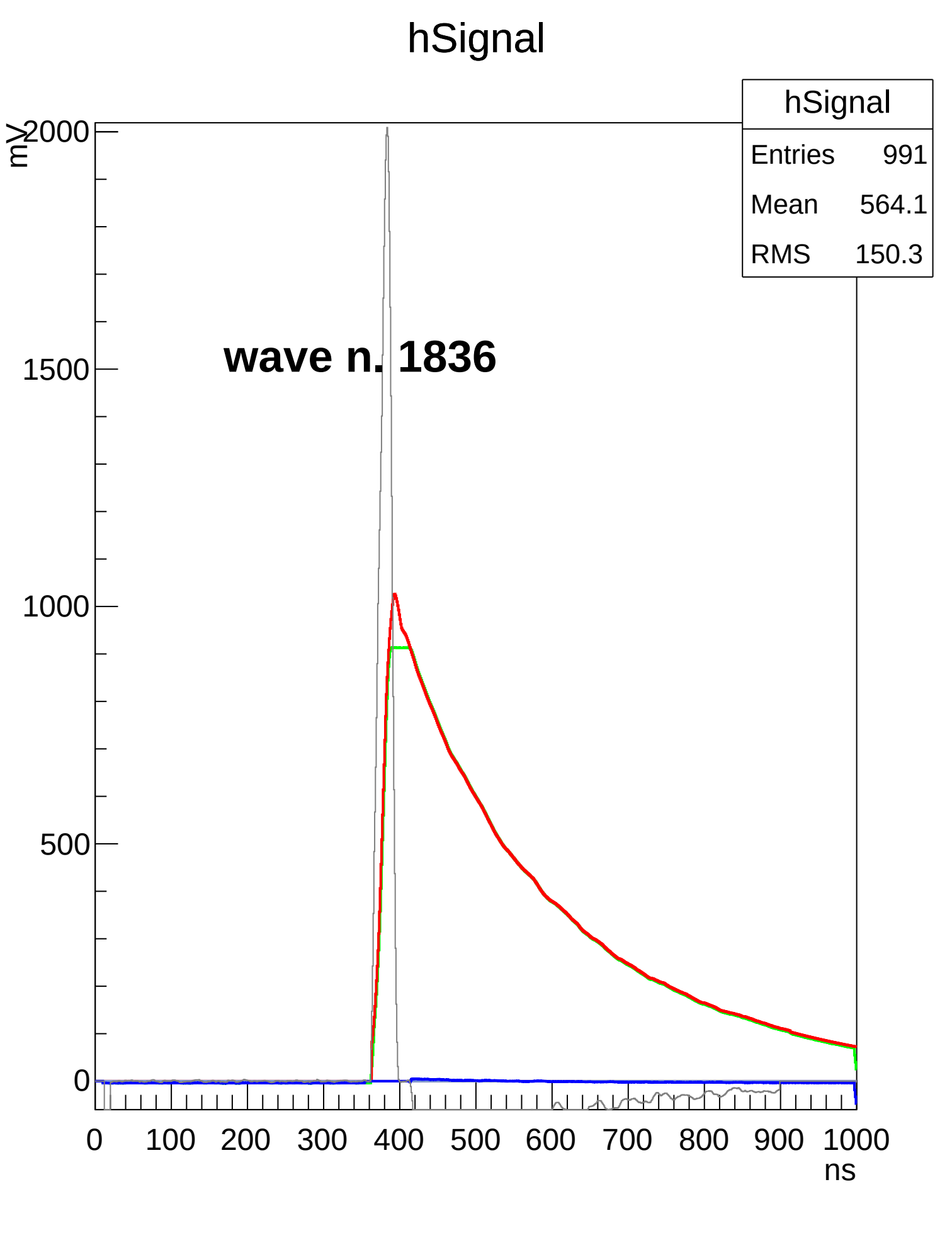
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 564.1
RMS 150.3
wave n. 1836
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500
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0
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200
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400
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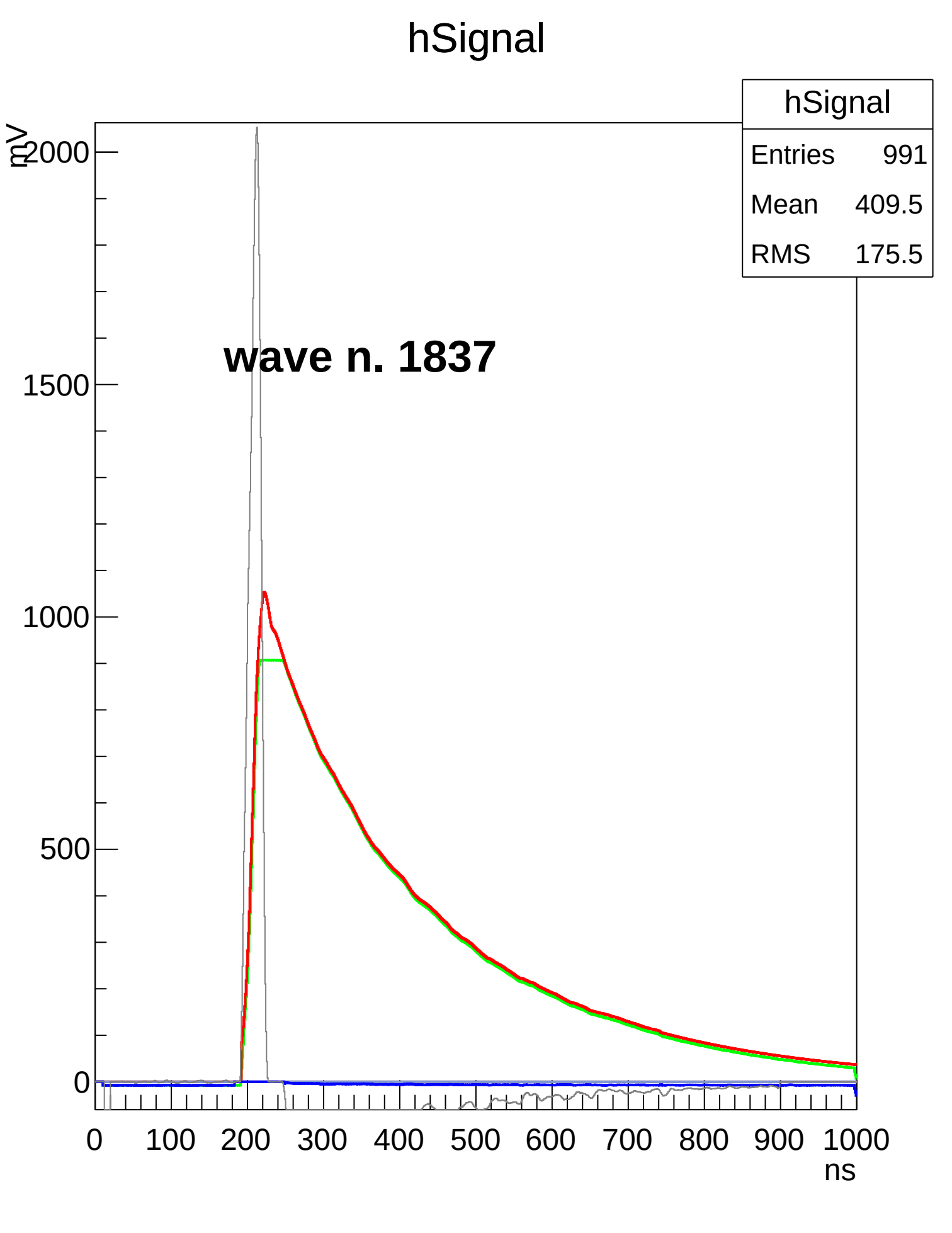
1000
ns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hSignal
Entries 991
Mean 409.5
RMS 175.5
wave n. 1837
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1000
500
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0
100
200
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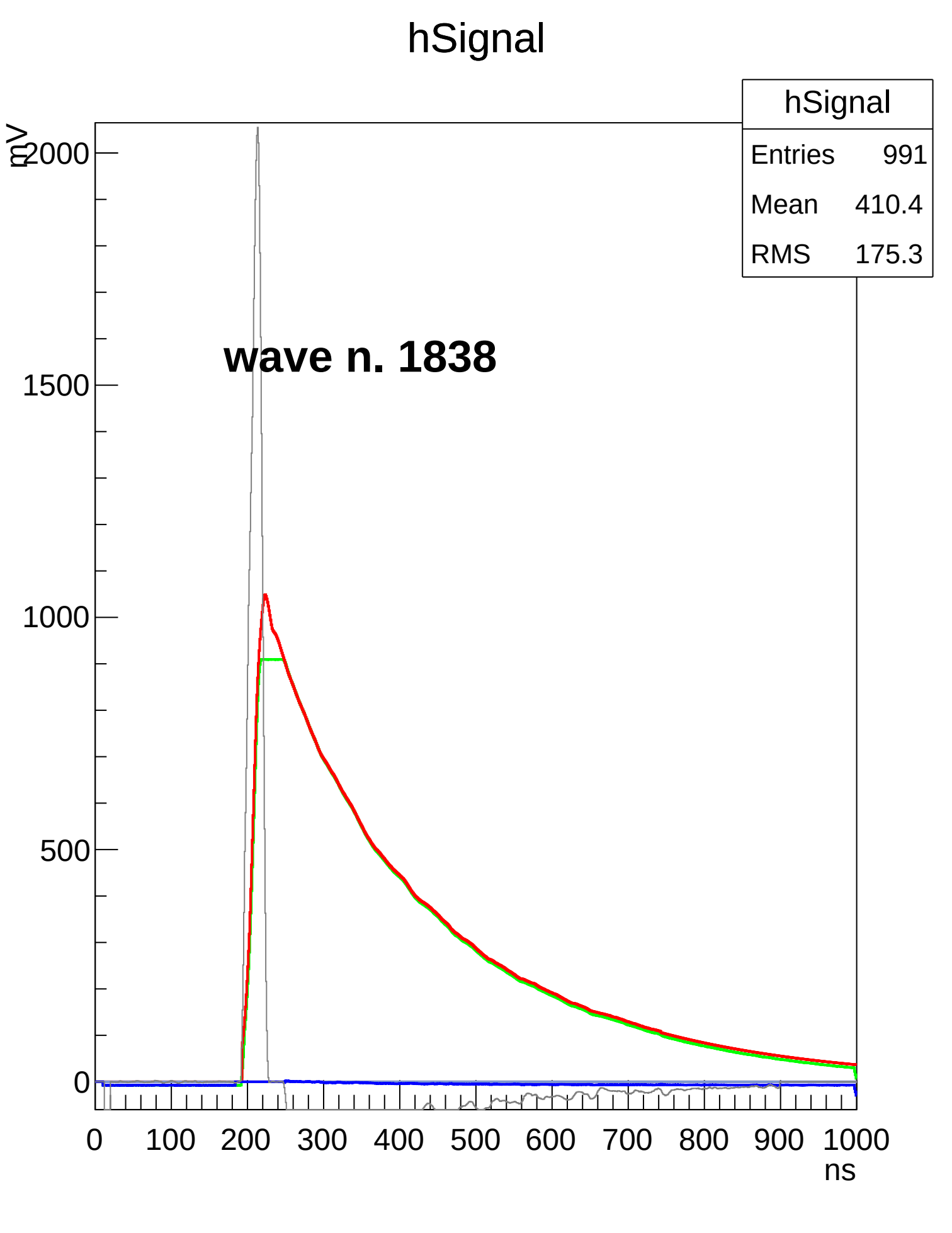
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 410.4
RMS 175.3
wave n. 1838
mV
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1000
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0
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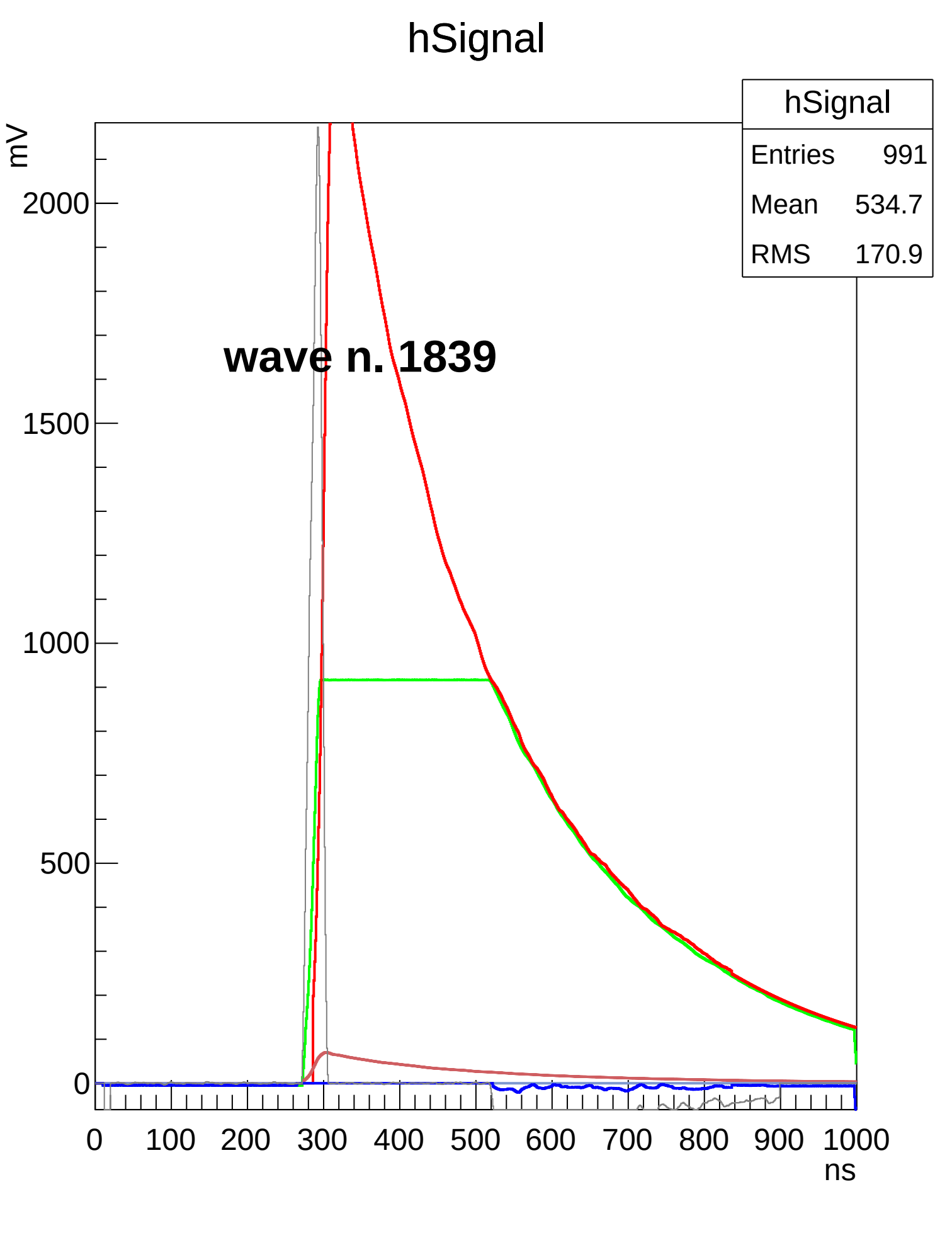
400
500
600
700
800
900
1000
ns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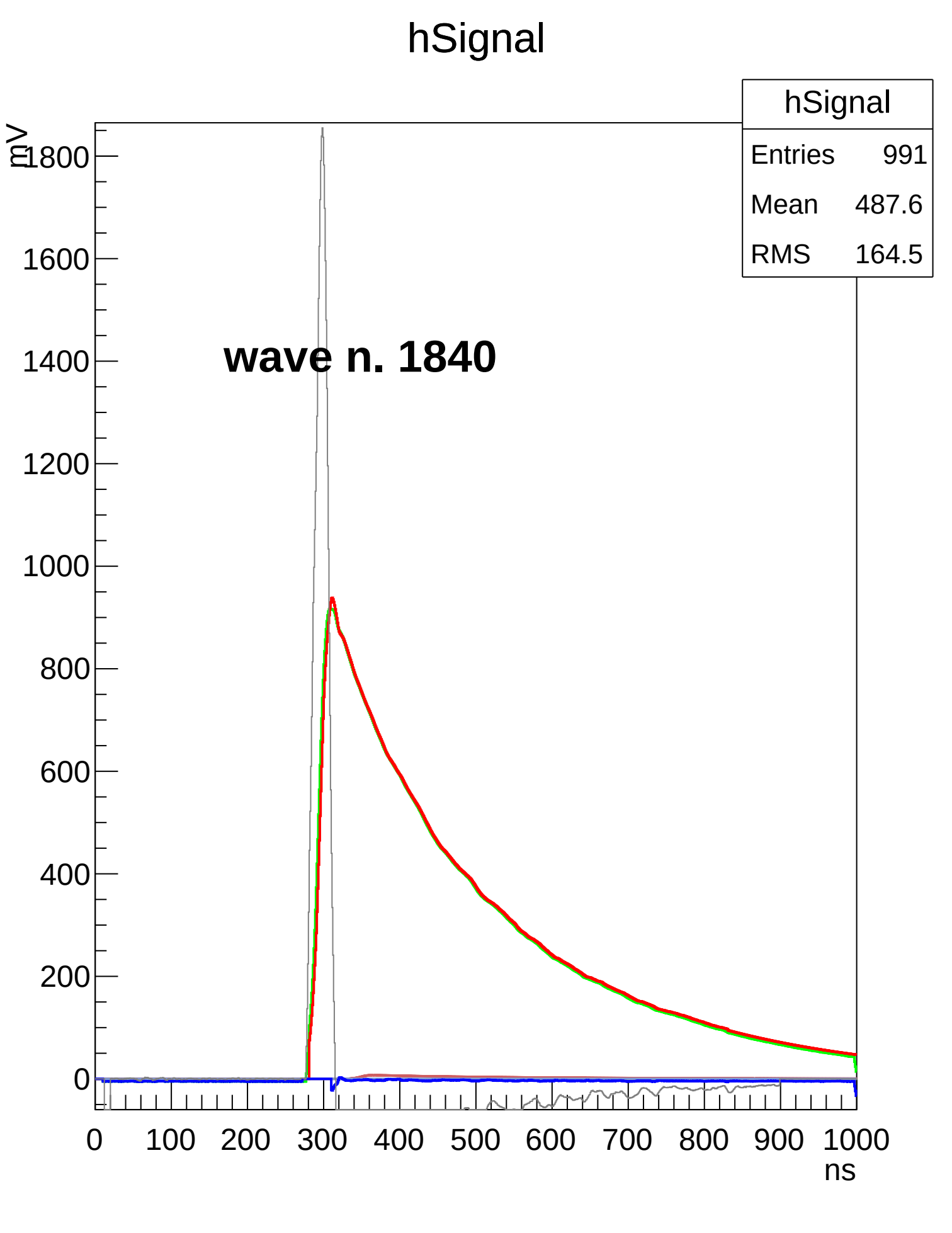
hSignal
Entries 991
Mean 534.7
RMS 170.9
wave n. 1839
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 487.6
RMS 164.5
wave n. 1840
mV
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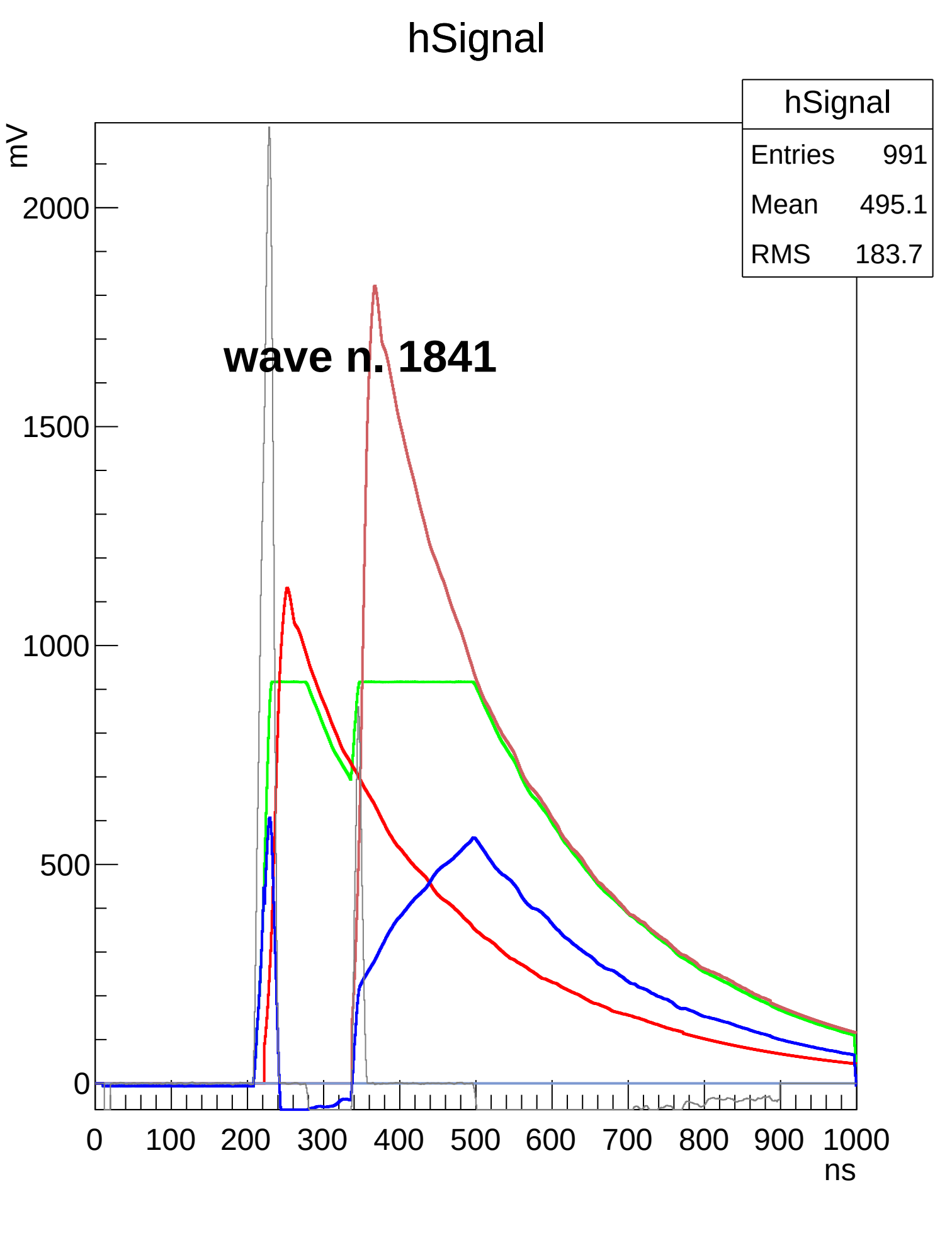
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 495.1
RMS 183.7
wave n. 1841
mV
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1500
1000
500
0
0
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400
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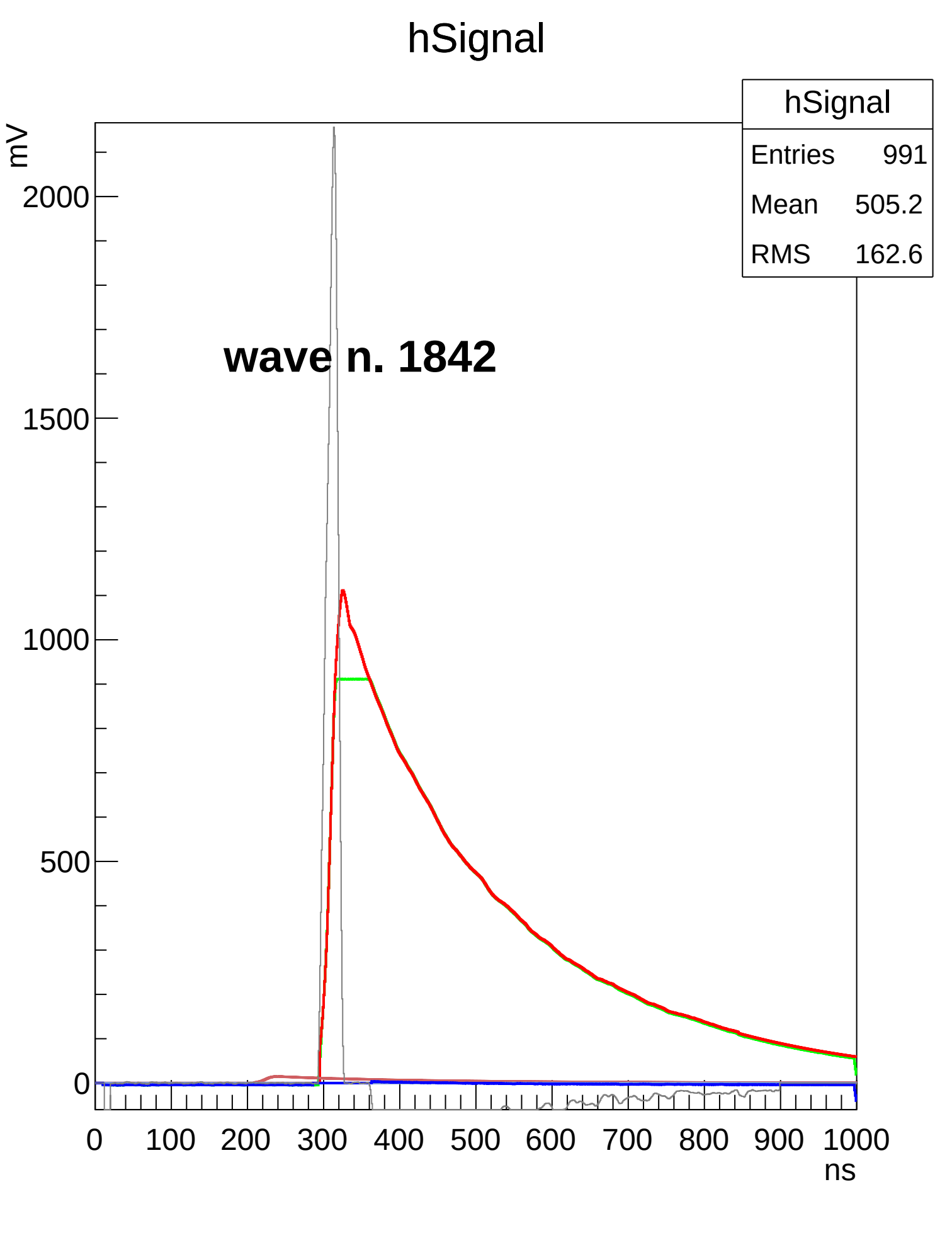
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.2
RMS 162.6
wave n. 1842
mV
2000
1500
1000
500
0
0
100
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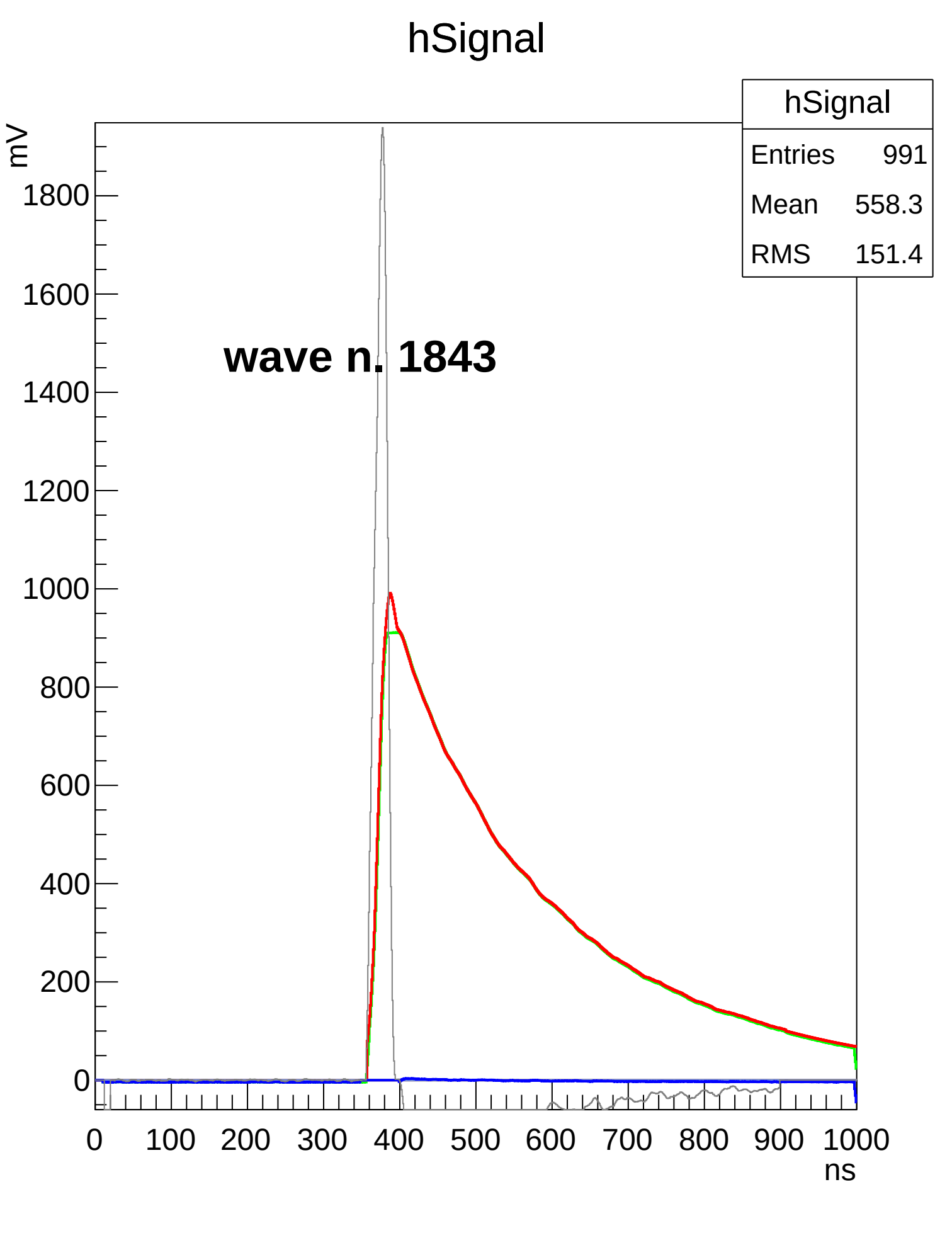
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558.3
RMS 151.4
wave n. 1843
mV
1800
1600
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600
400
200
0
0
100
200
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400
500
600
700
800
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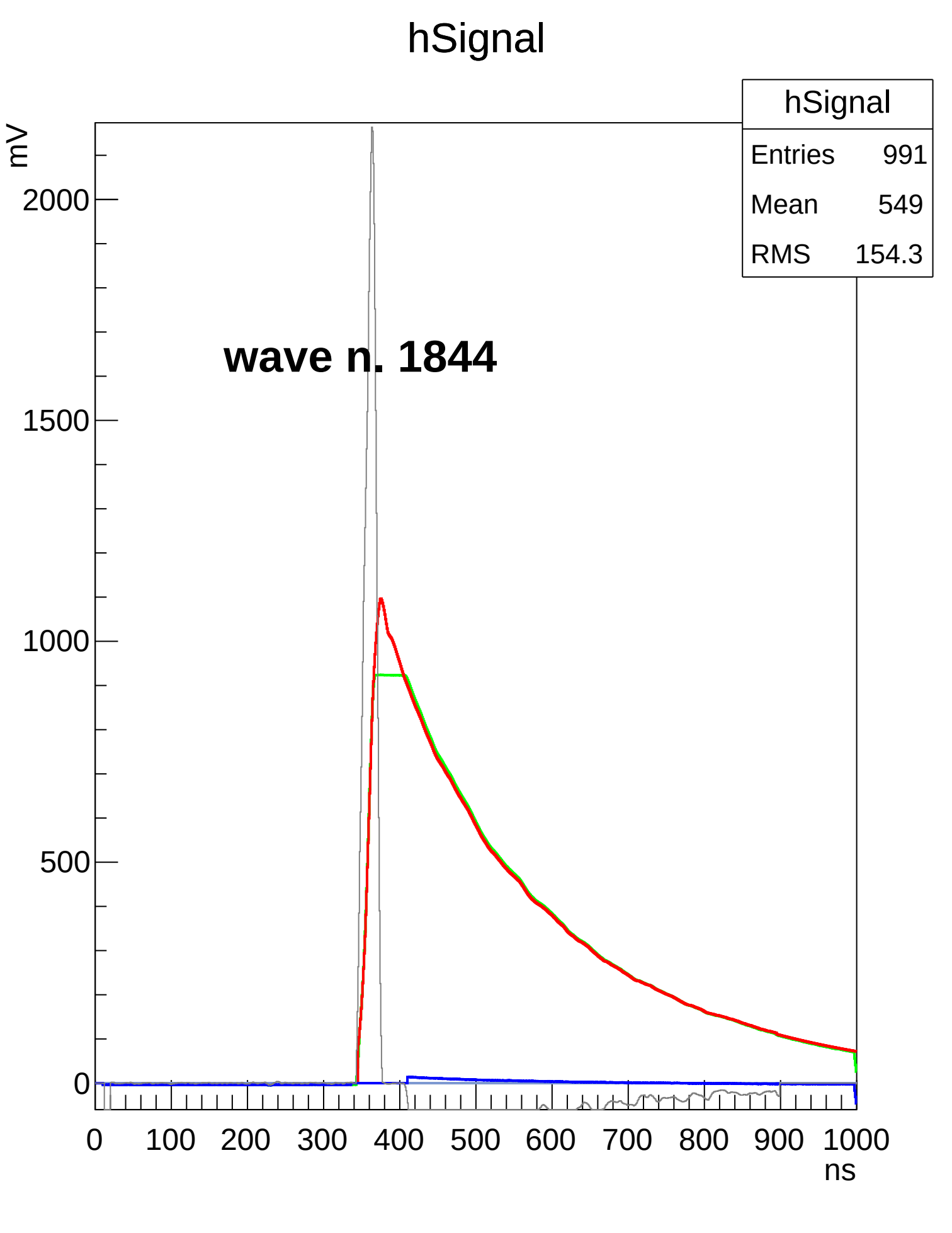
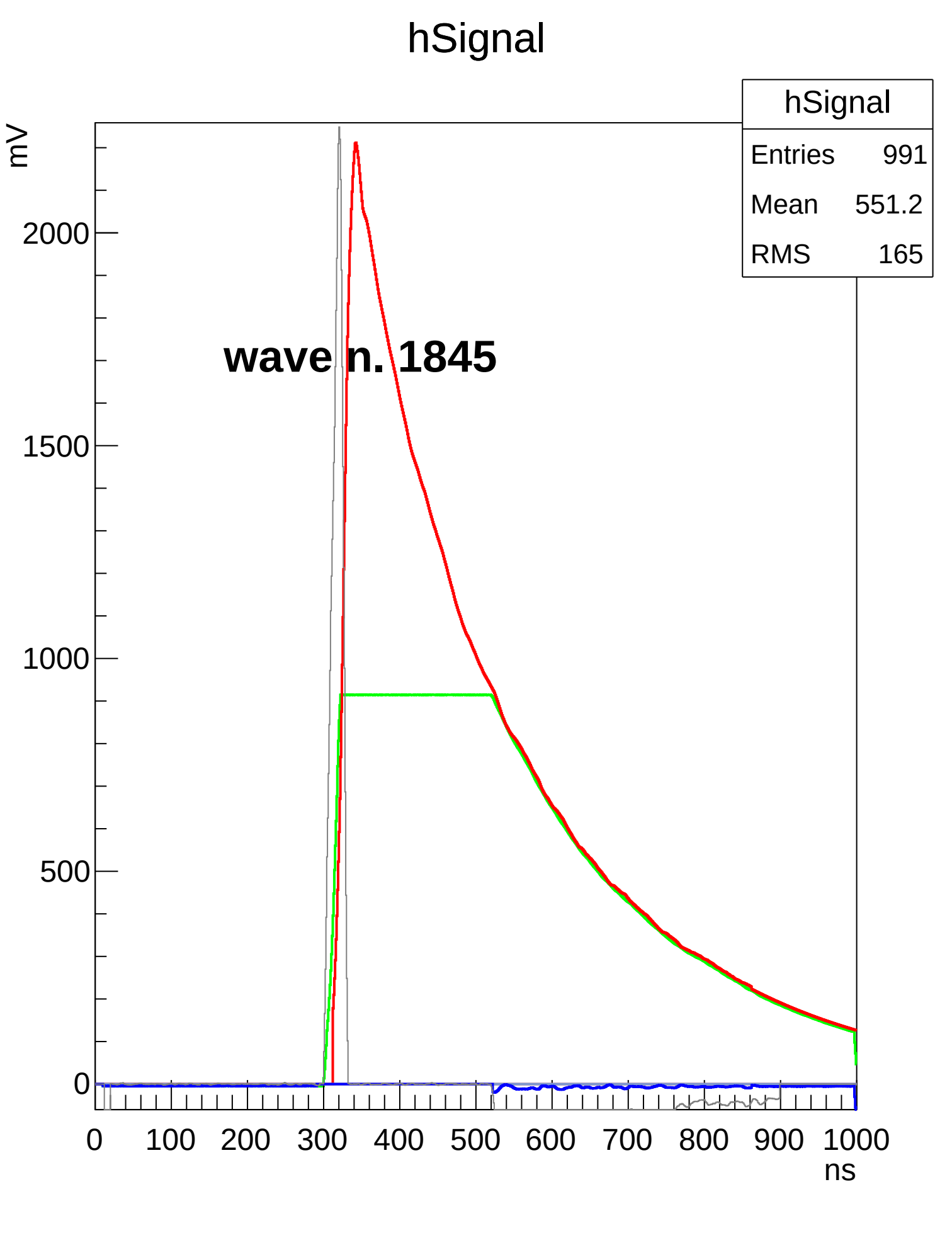
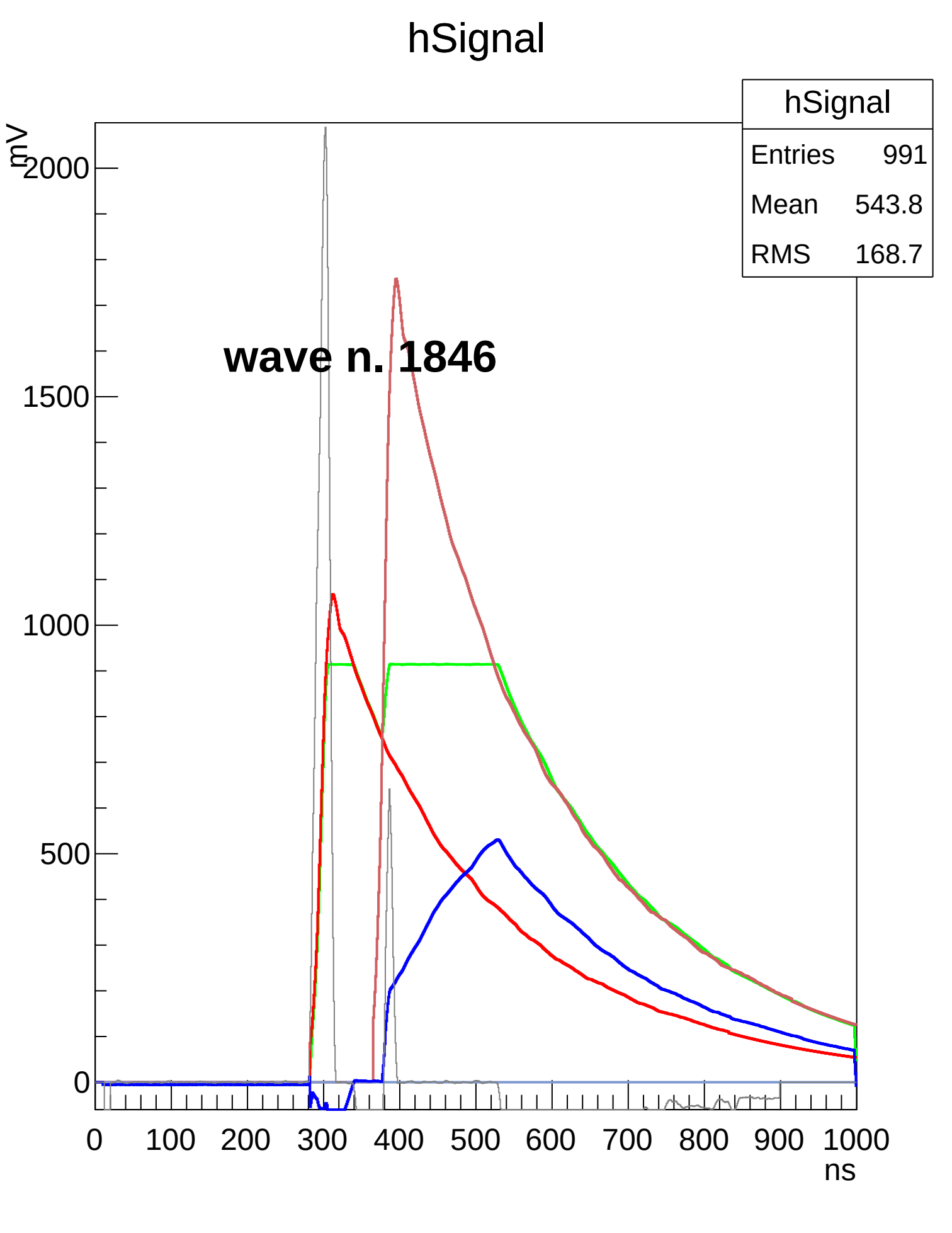
1000
ns


hSignal
hSignal
Entries 991
Mean 549
RMS 154.3
wave n. 1844
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 551.2
RMS 165
wave n. 1845
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 543.8
RMS 168.7
wave n. 1846
mV
2000
1500
1000
500
0
0
100
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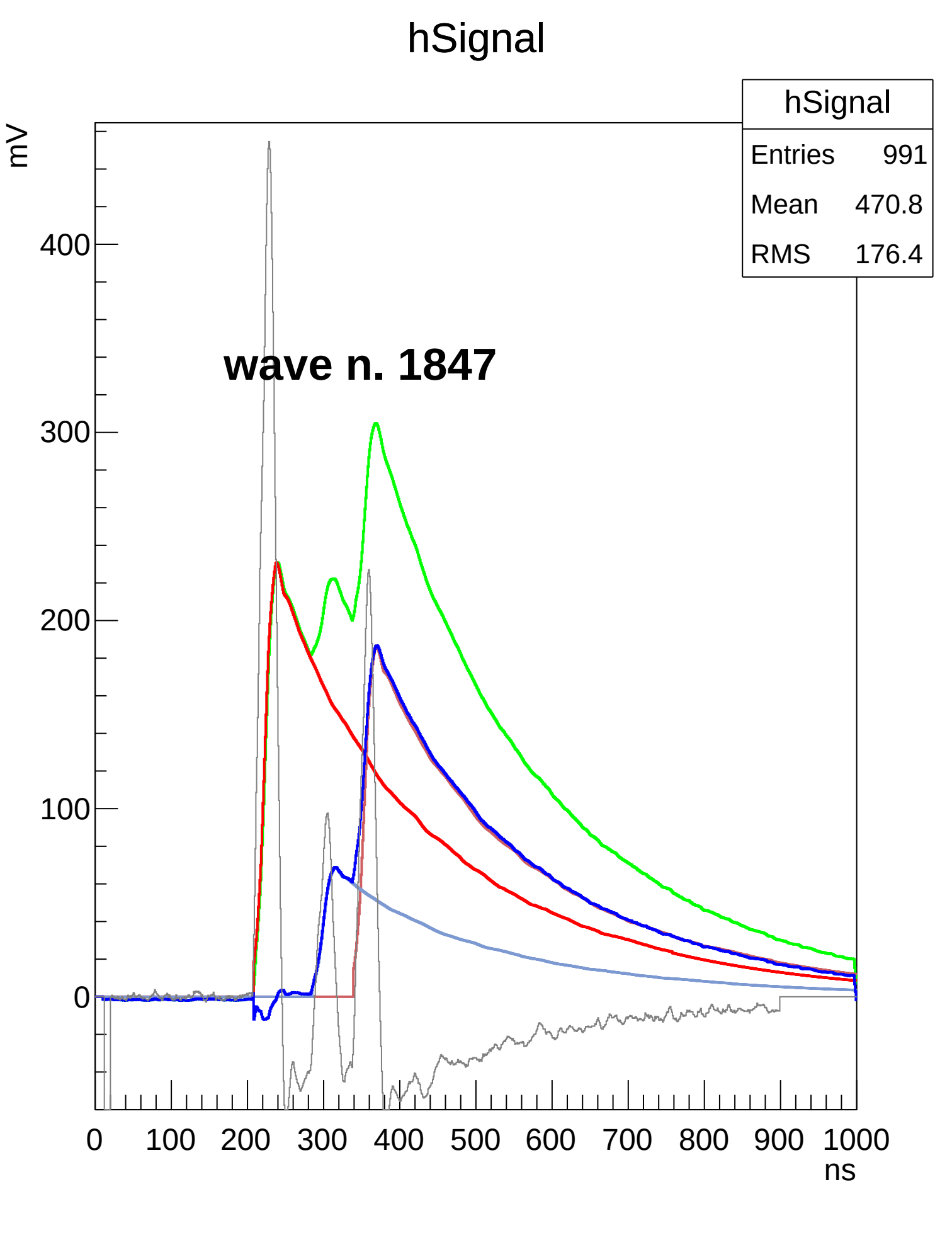
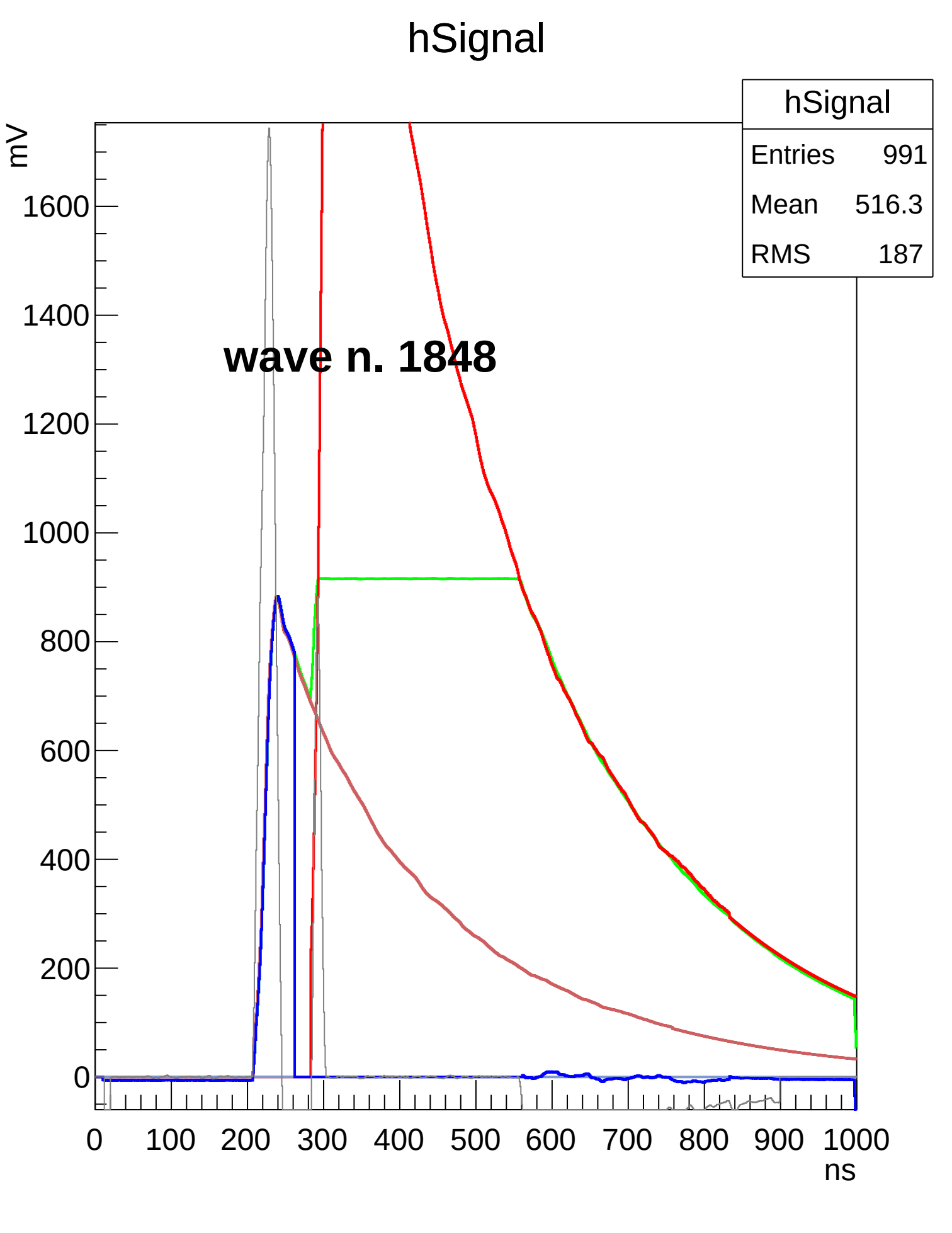
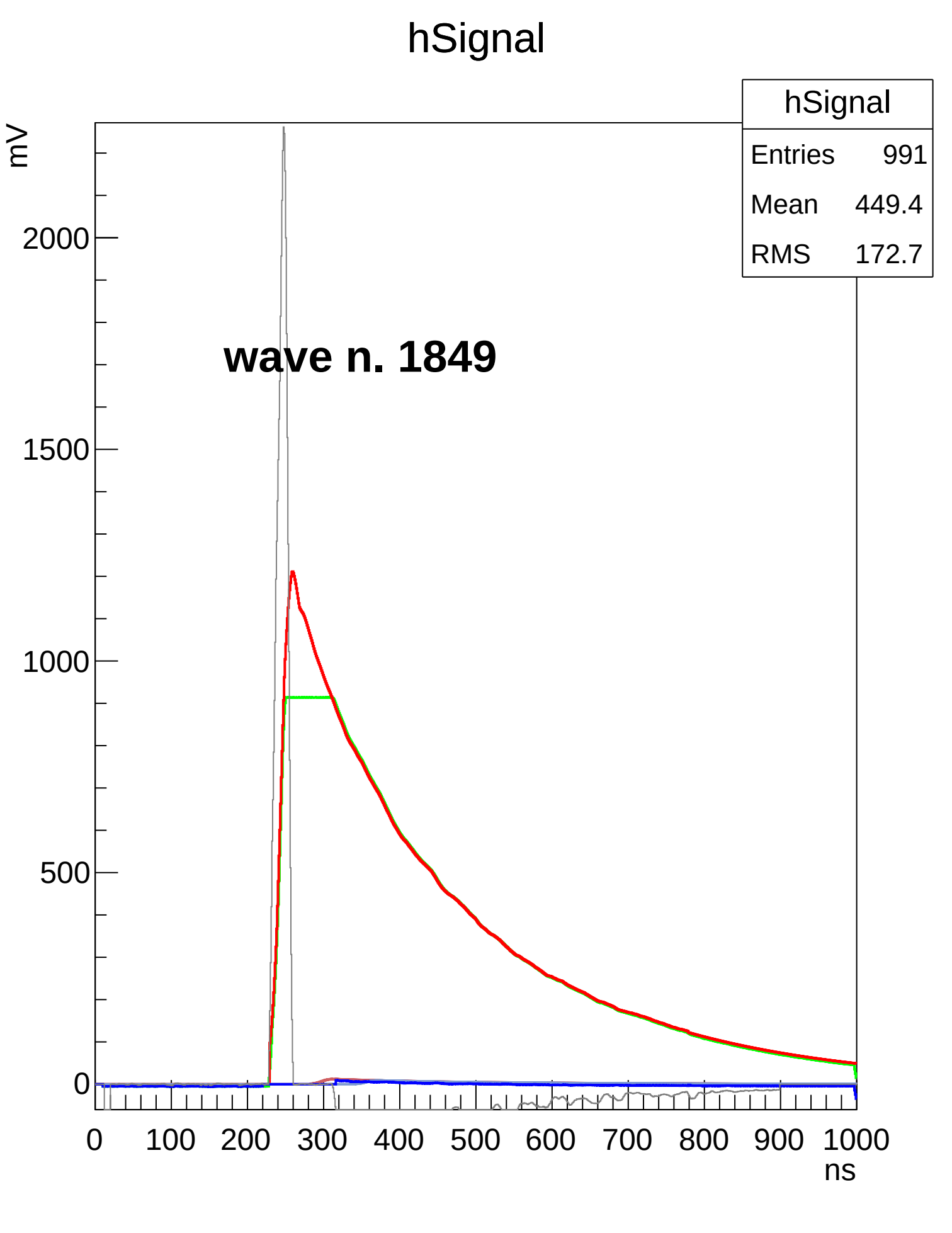
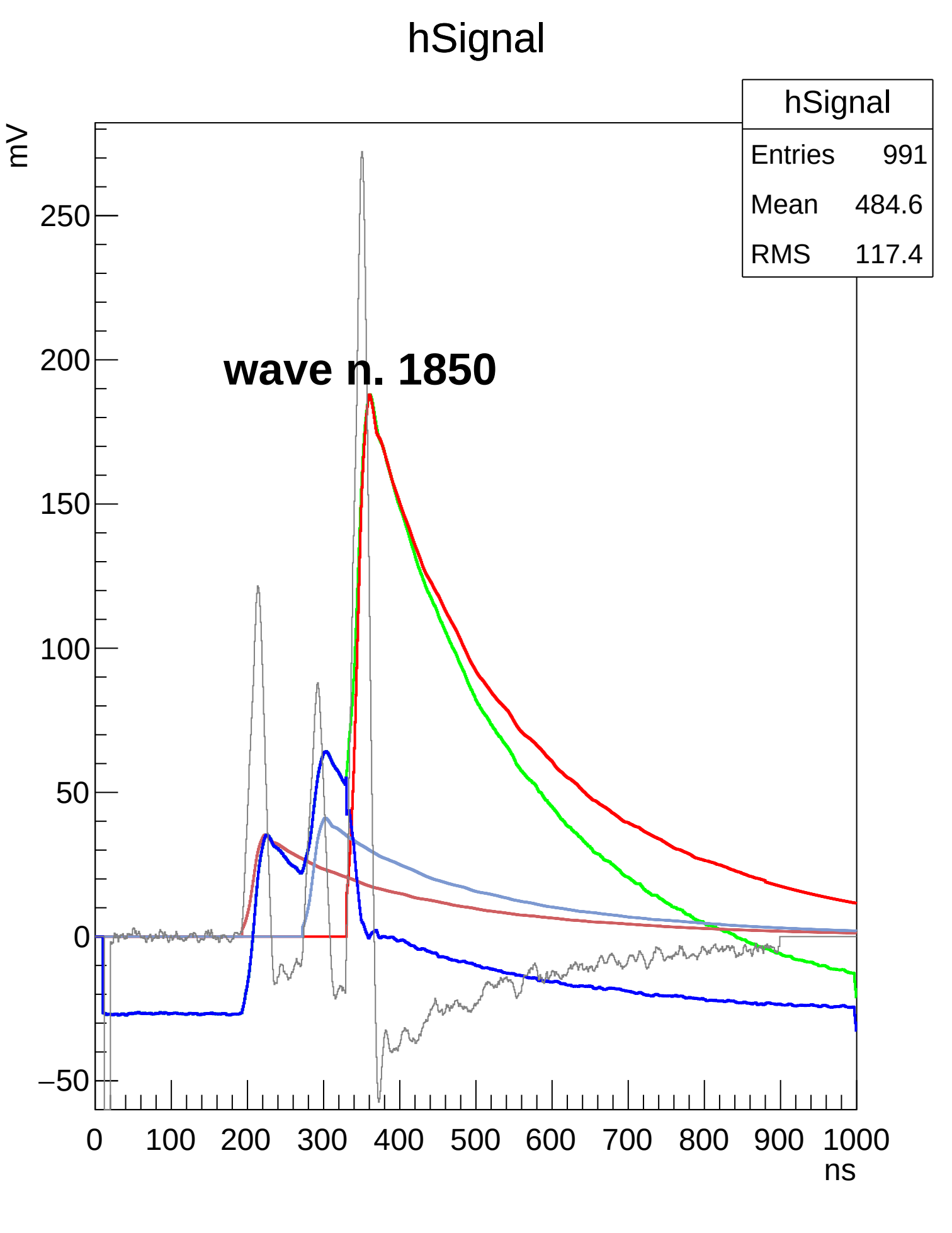
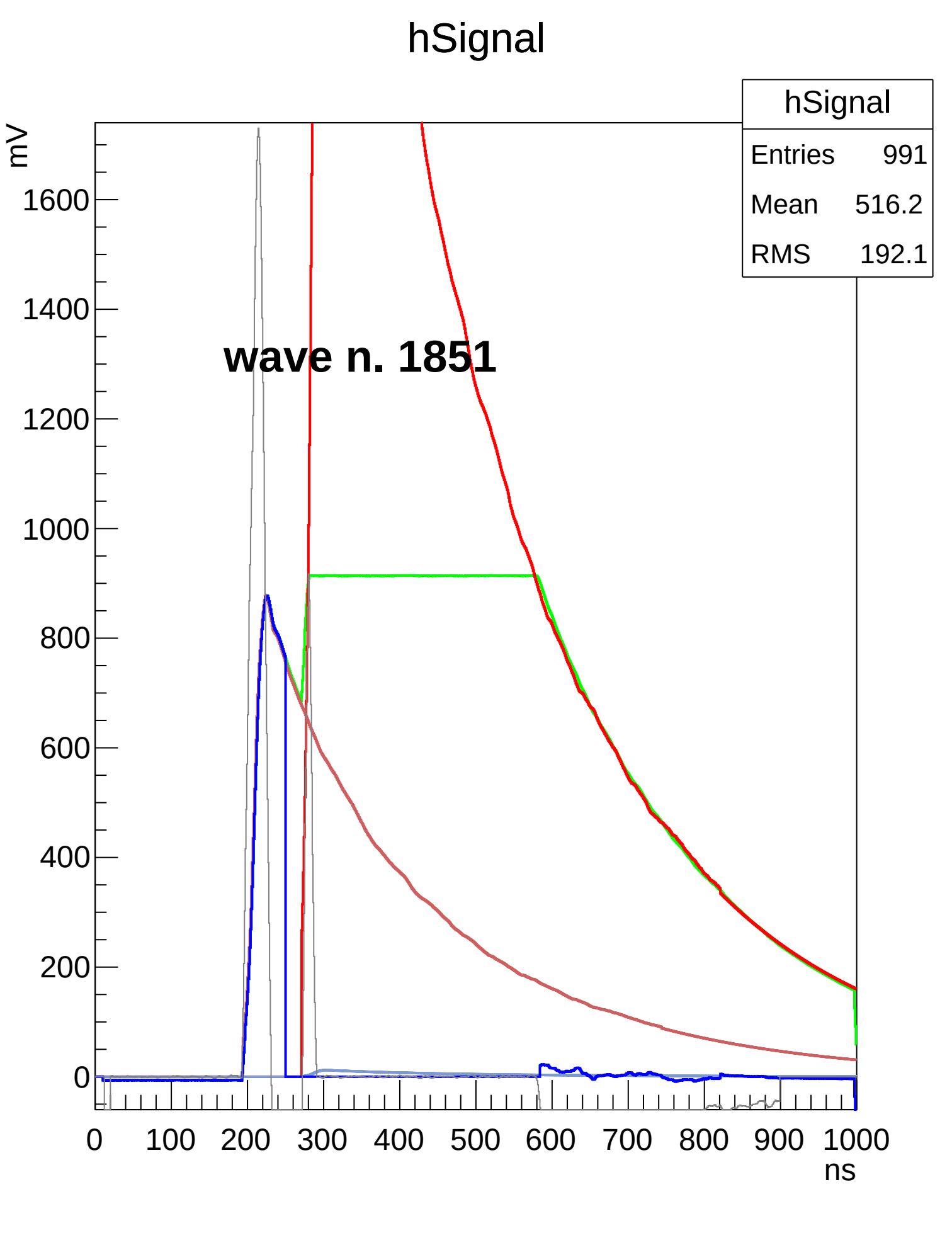
800
900
1000
ns

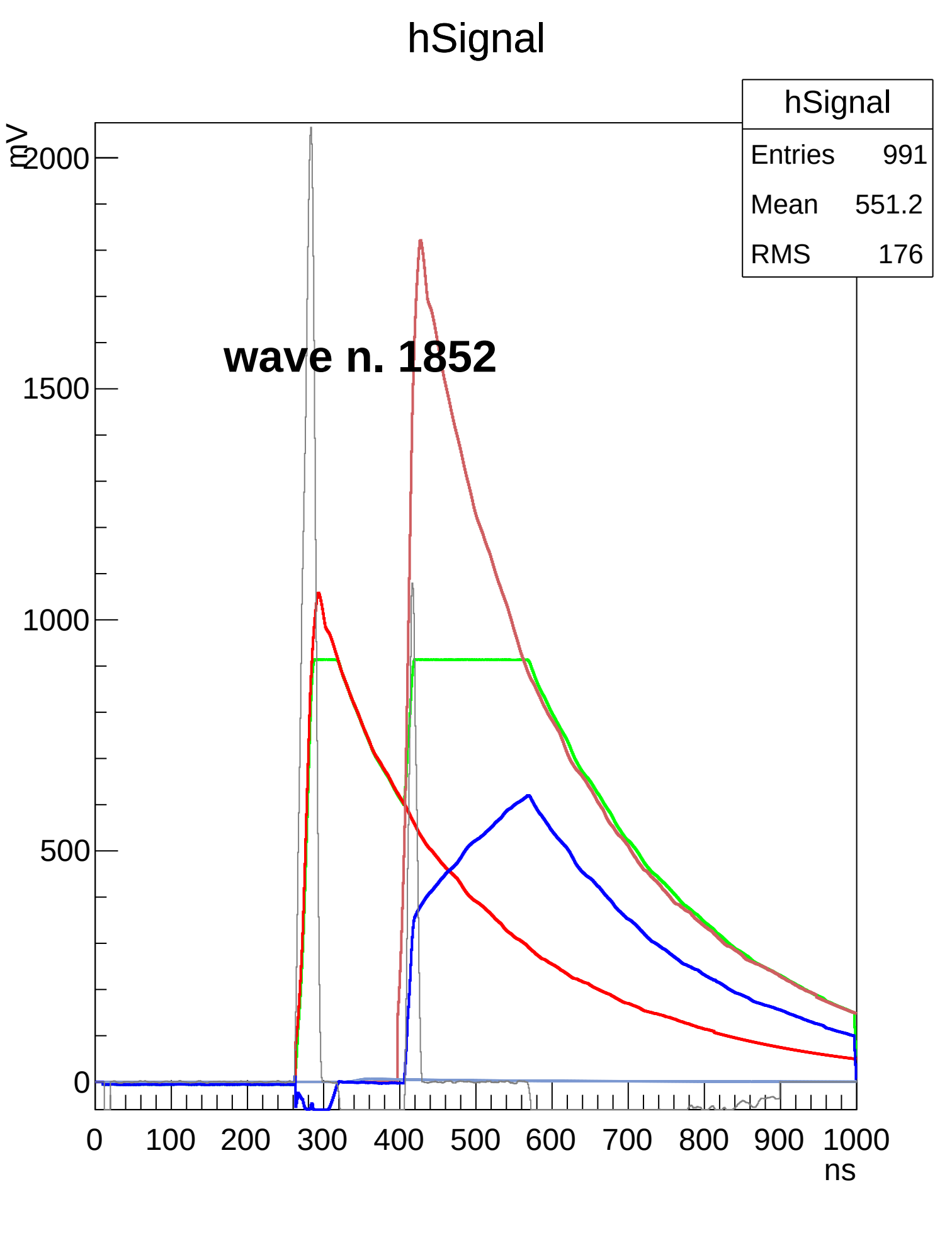

hSignal
hSignal
Entries 991
Mean 470.8
RMS 176.4
wave n. 1847
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns

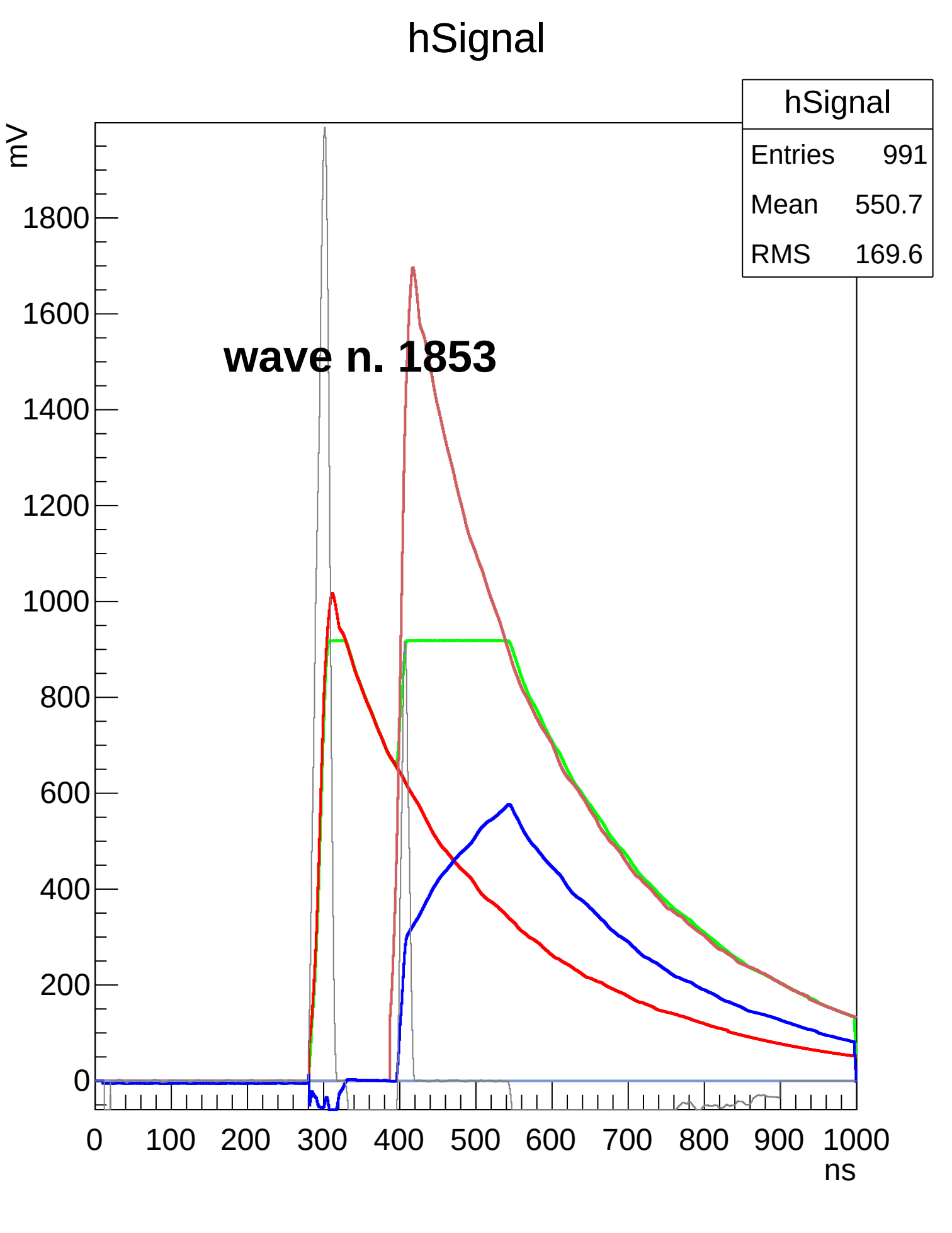

hSignal
hSignal
Entries 991
Mean 516.3
RMS 187
wave n. 1848
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

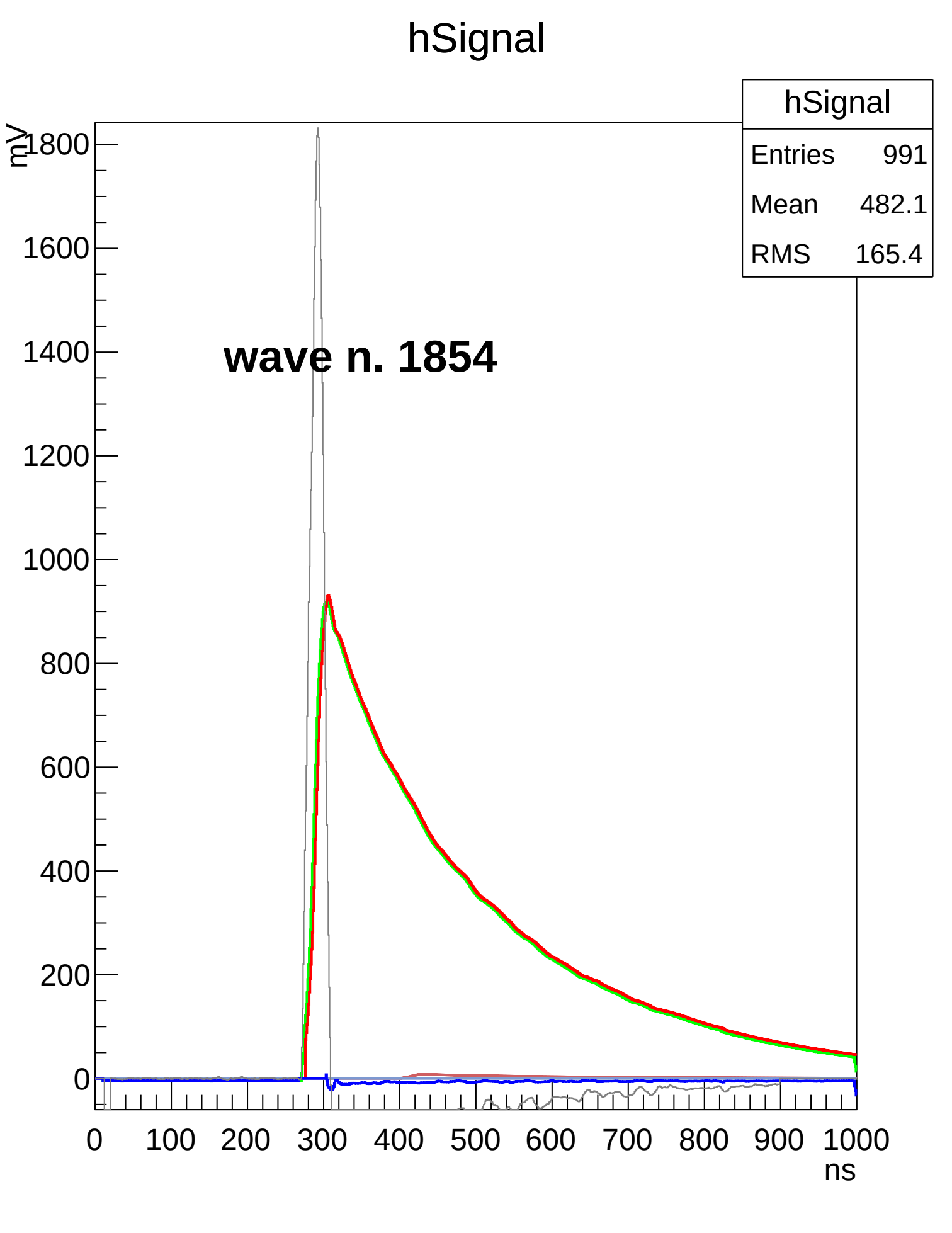

hSignal
hSignal
Entries 991
Mean 449.4
RMS 172.7
wave n. 1849
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

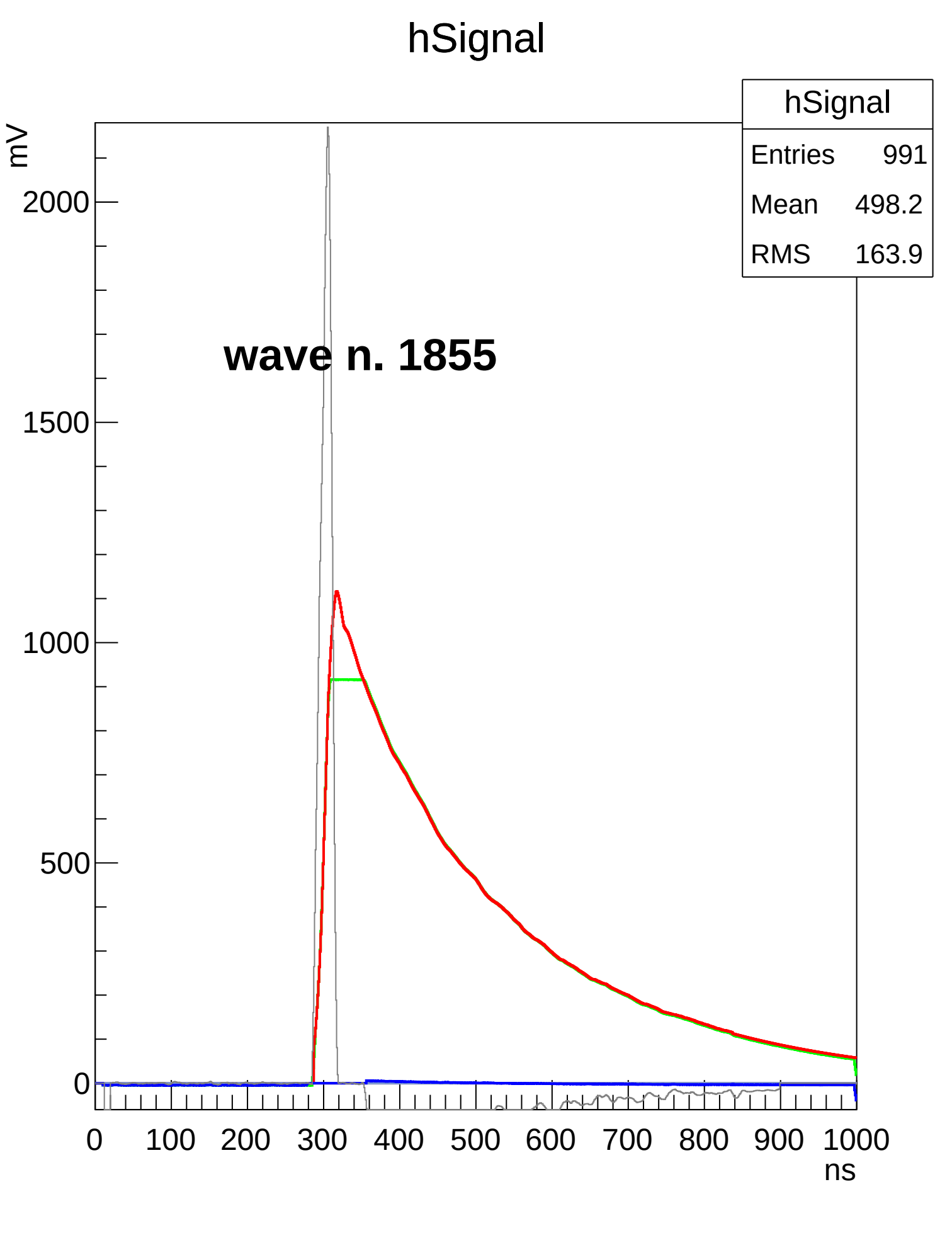

hSignal
hSignal
Entries 991
Mean 484.6
RMS 117.4
wave n. 1850
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 516.2
RMS 192.1
wave n. 1851
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 551.2
RMS 176
wave n. 1852
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.7
RMS 169.6
wave n. 1853
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 482.1
RMS 165.4
wave n. 1854
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 498.2
RMS 163.9
wave n. 1855
mV
2000
1500
1000
500
0
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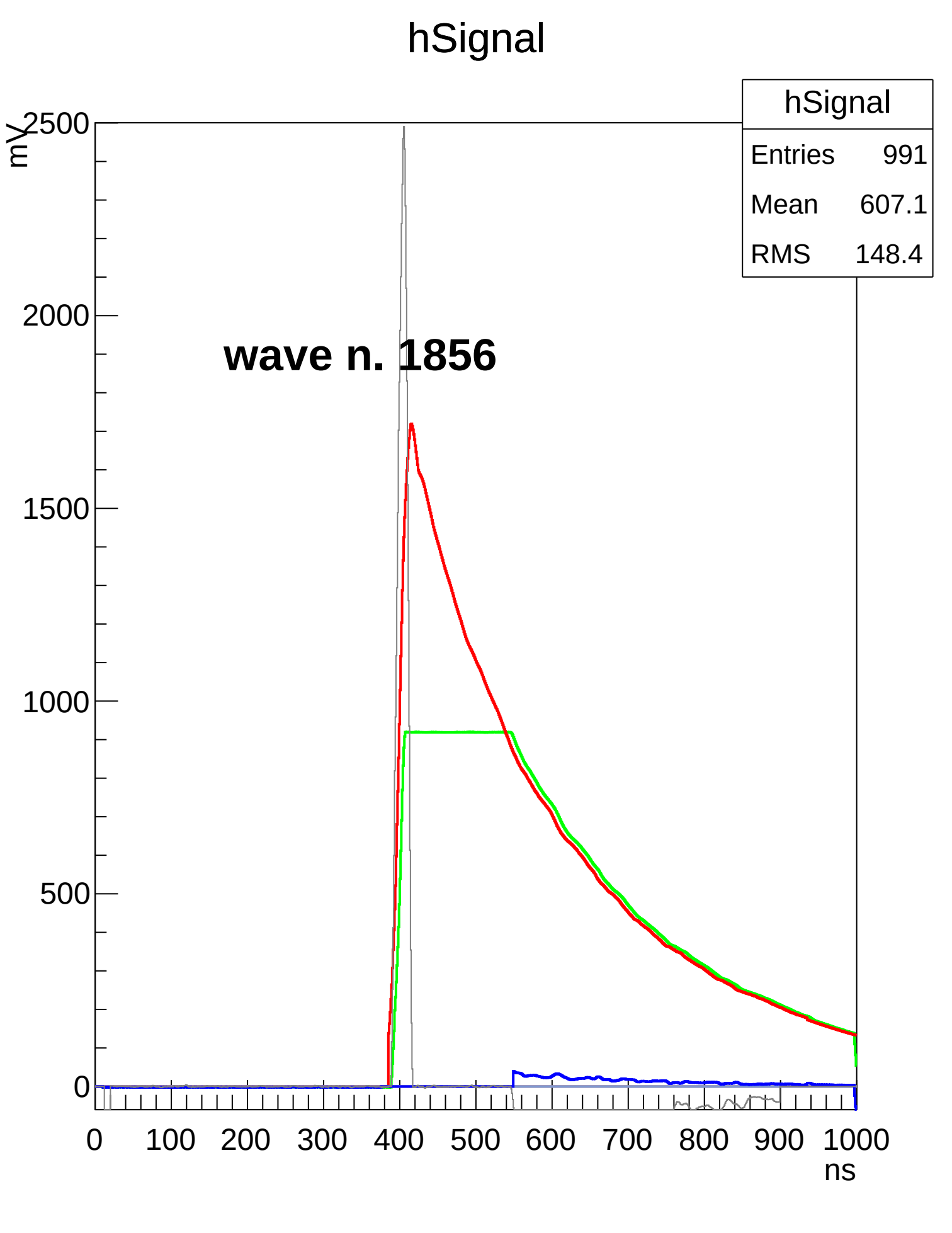
ns


hSignal
hSignal
Entries 991
Mean 607.1
RMS 148.4
wave n. 1856
mV
2500
2000
1500
1000
500
0
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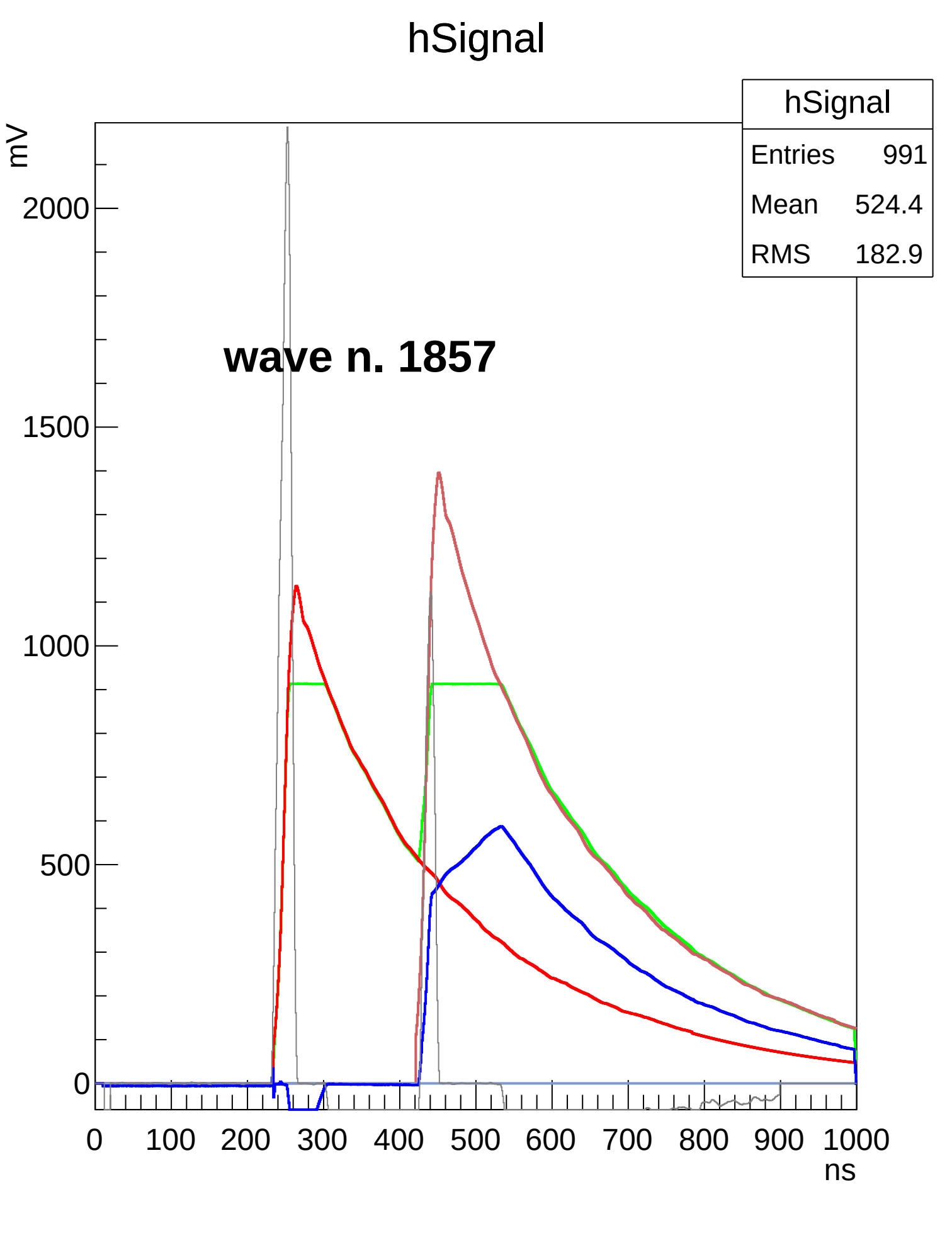
ns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Entries 991
Mean 524.4
RMS 182.9
wave n. 1857
mV
2000
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1000
500
0
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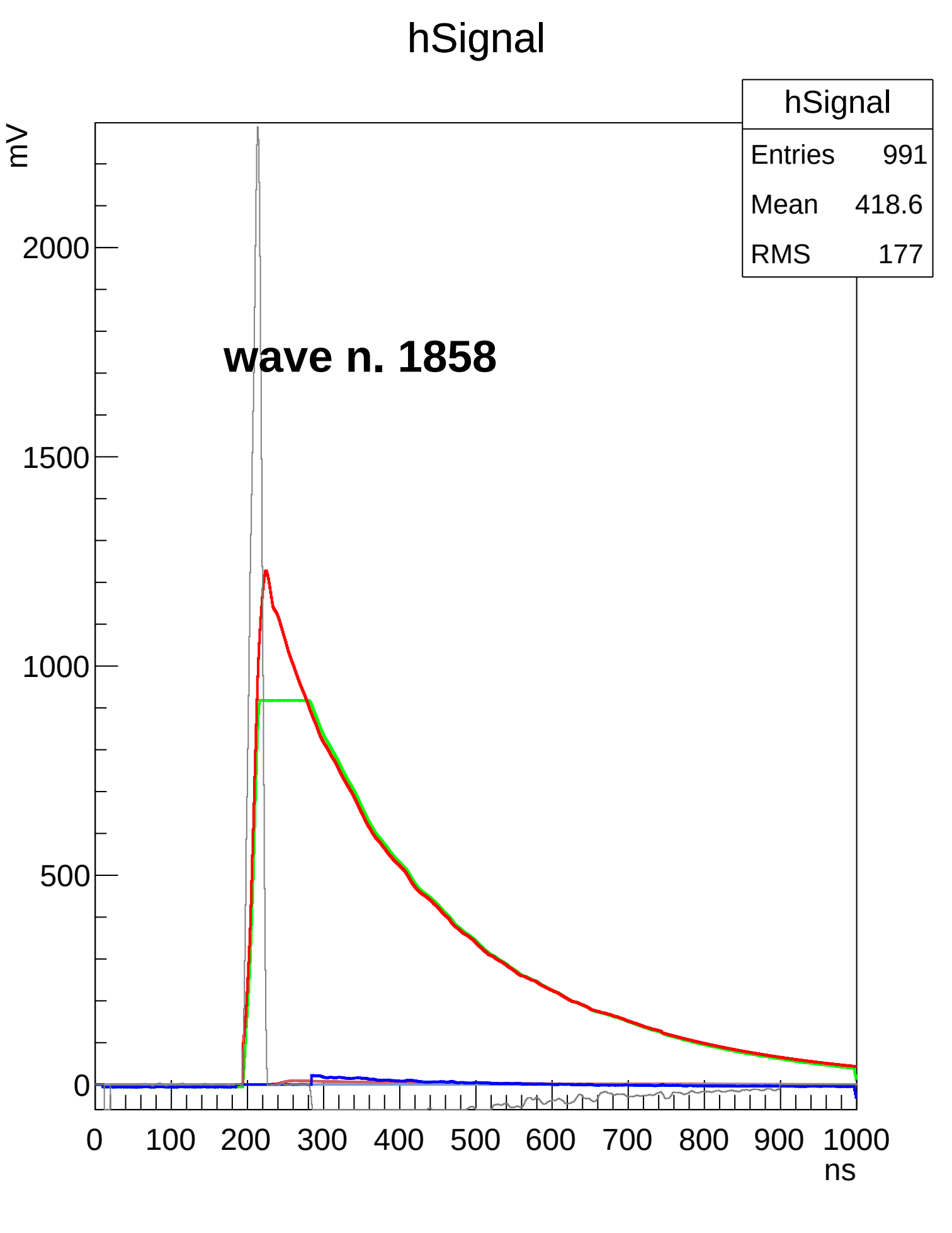
ns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hSignal
Entries 991
Mean 418.6
RMS 177
wave n. 1858
mV
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1500
1000
500
0
0
100
200
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400
500
600
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800
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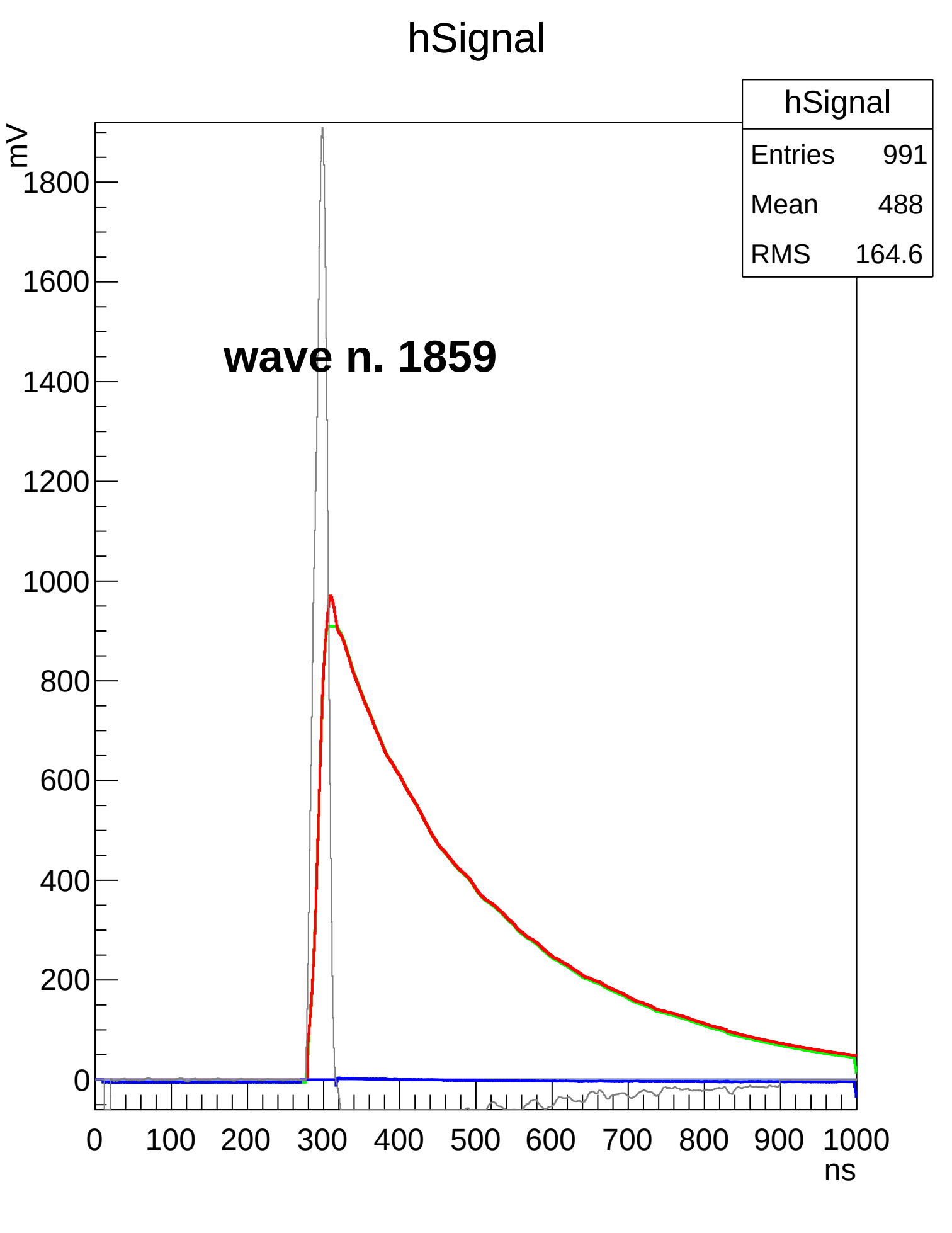
1000
ns


hSignal
hSignal
Entries 991
Mean 488
RMS 164.6
wave n. 1859
mV
1800
1600
1400
1200
1000
800
600
400
200
0
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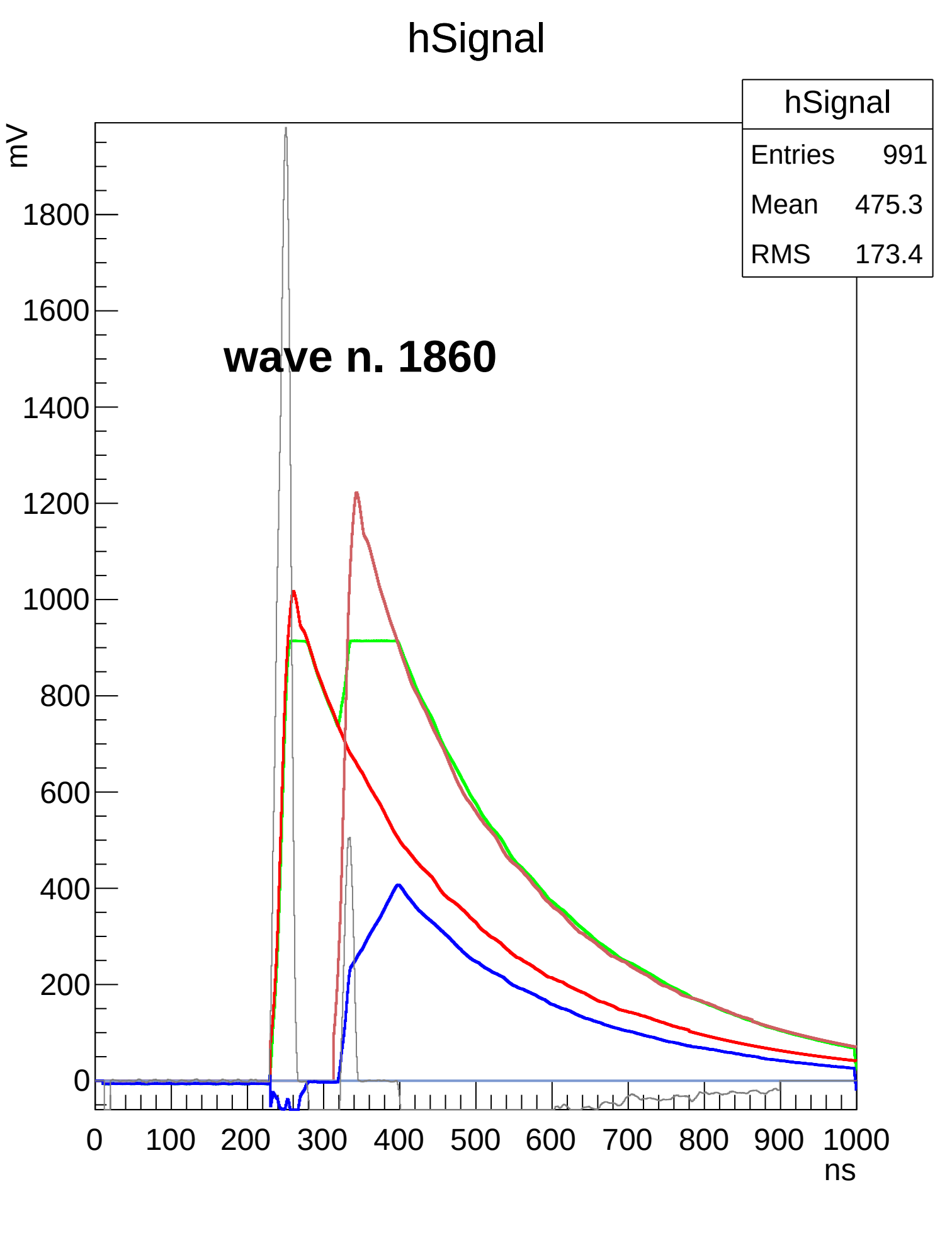
ns


hSignal
hSignal
Entries 991
Mean 475.3
RMS 173.4
wave n. 1860
mV
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1600
1400
1200
1000
800
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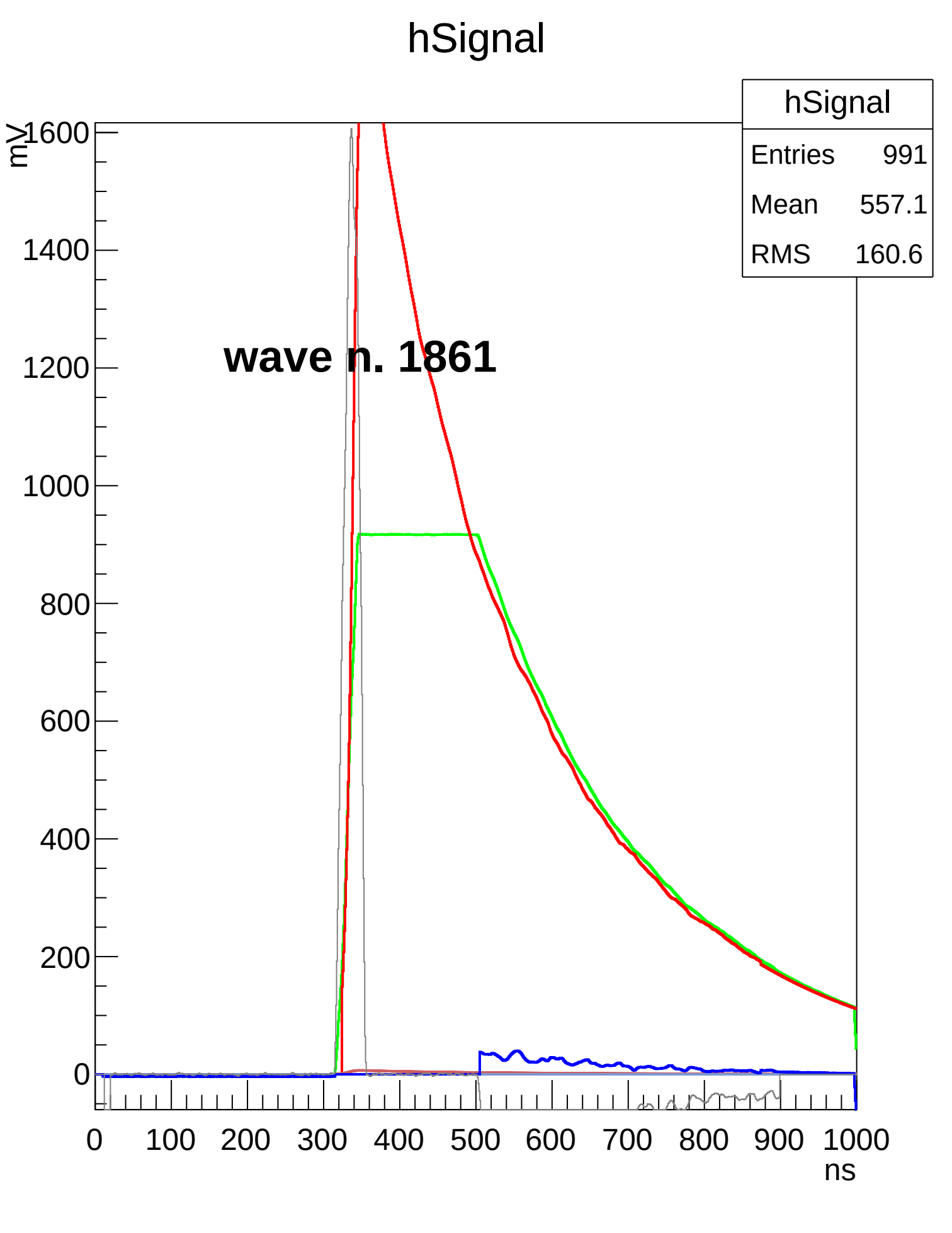
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 557.1
RMS 160.6
wave n. 1861
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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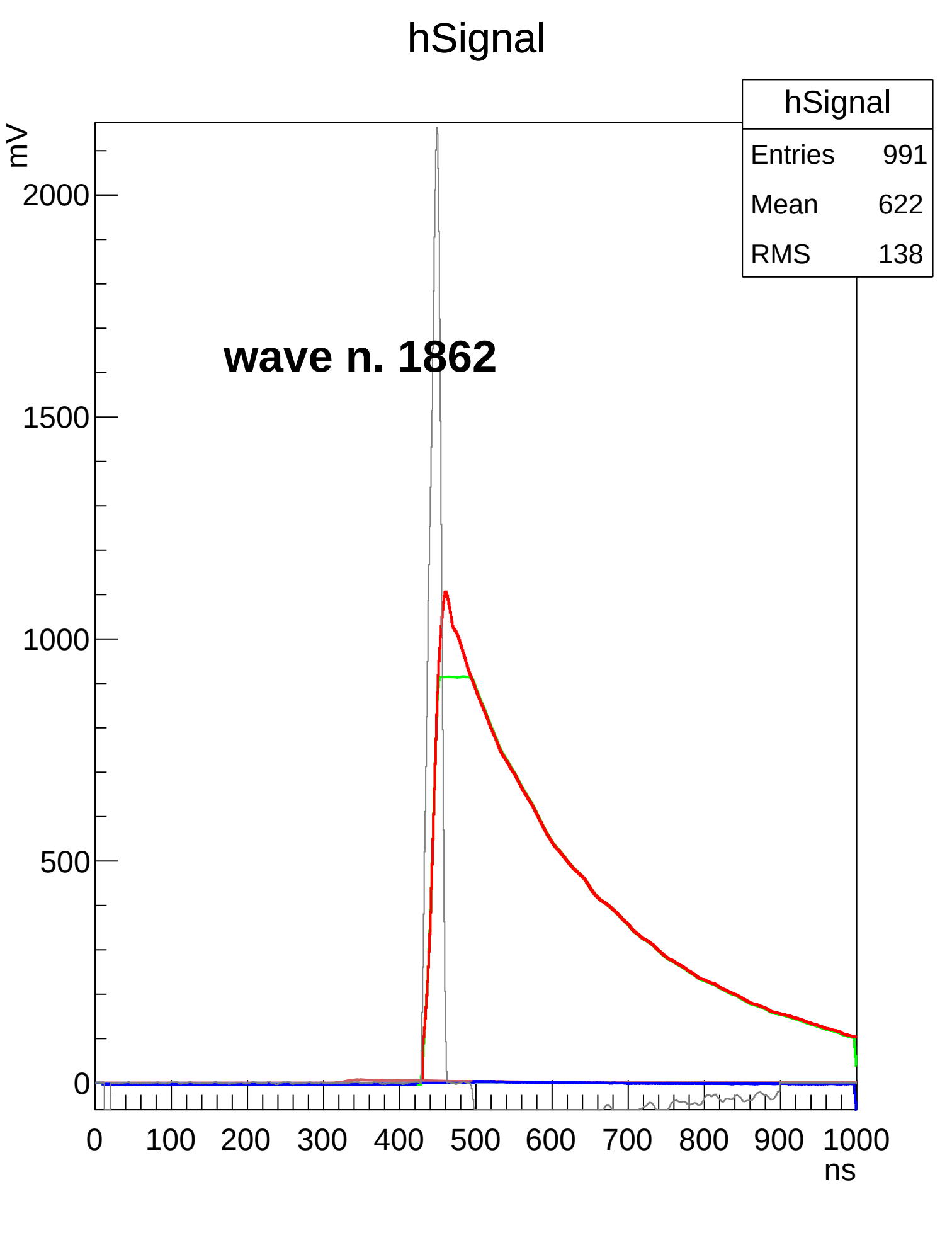
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 622
RMS 138
wave n. 1862
mV
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1000
500
0
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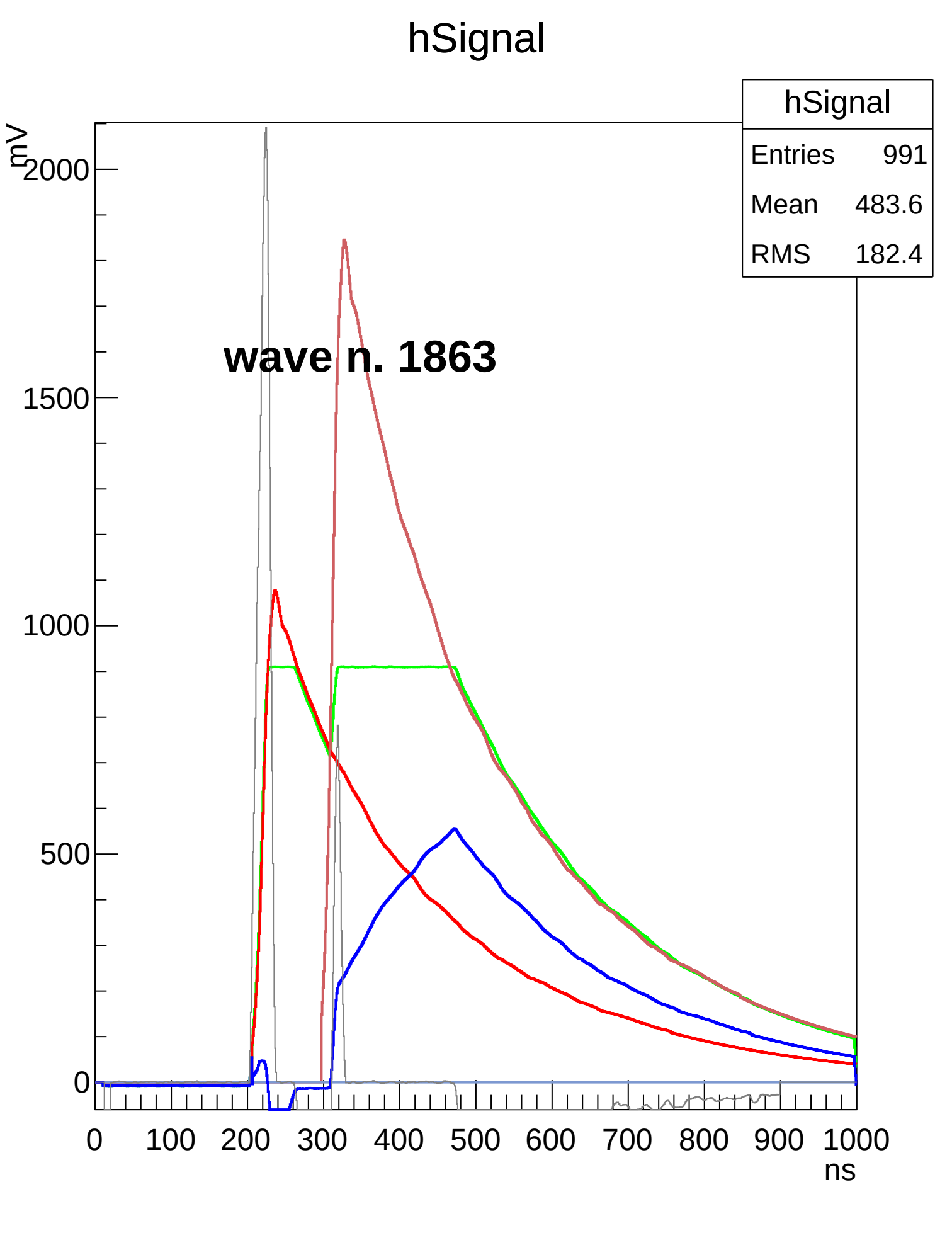
ns


hSignal
hSignal
Entries 991
Mean 483.6
RMS 182.4
wave n. 1863
mV
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1500
1000
500
0
0
100
200
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400
500
600
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800
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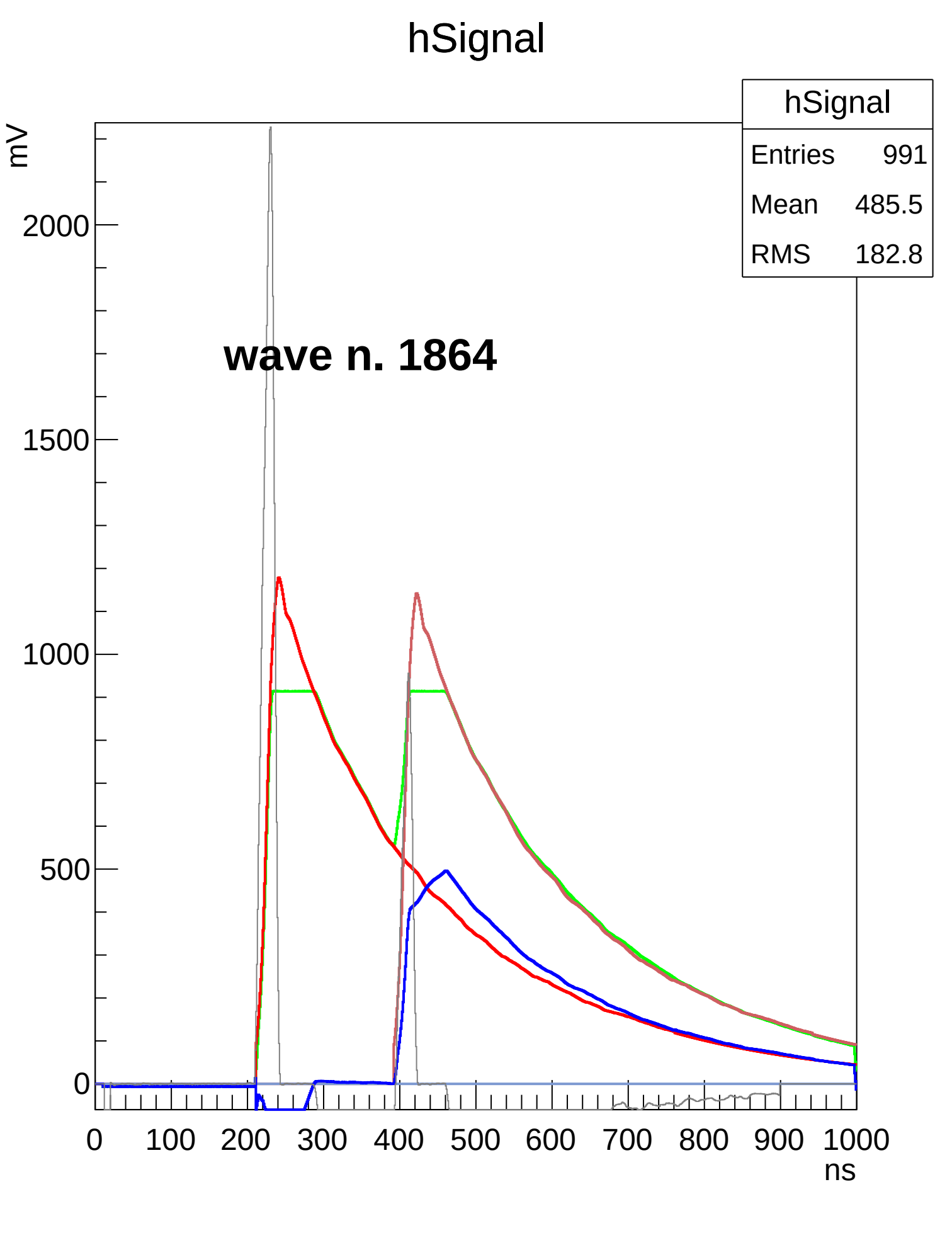
1000
ns


hSignal
hSignal
Entries 991
Mean 485.5
RMS 182.8
wave n. 1864
mV
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1500
1000
500
0
0
100
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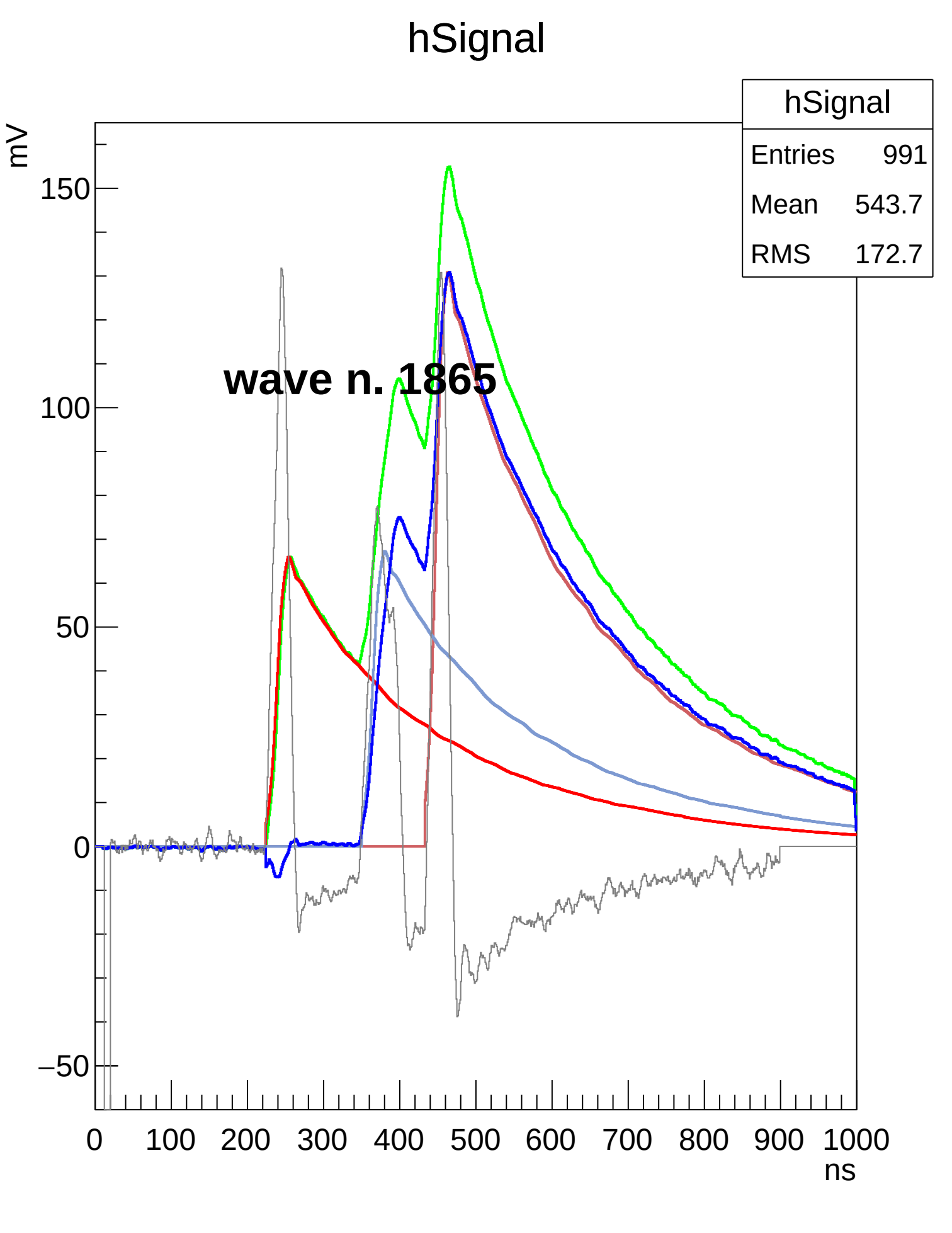
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 543.7
RMS 172.7
wave n. 1865
mV
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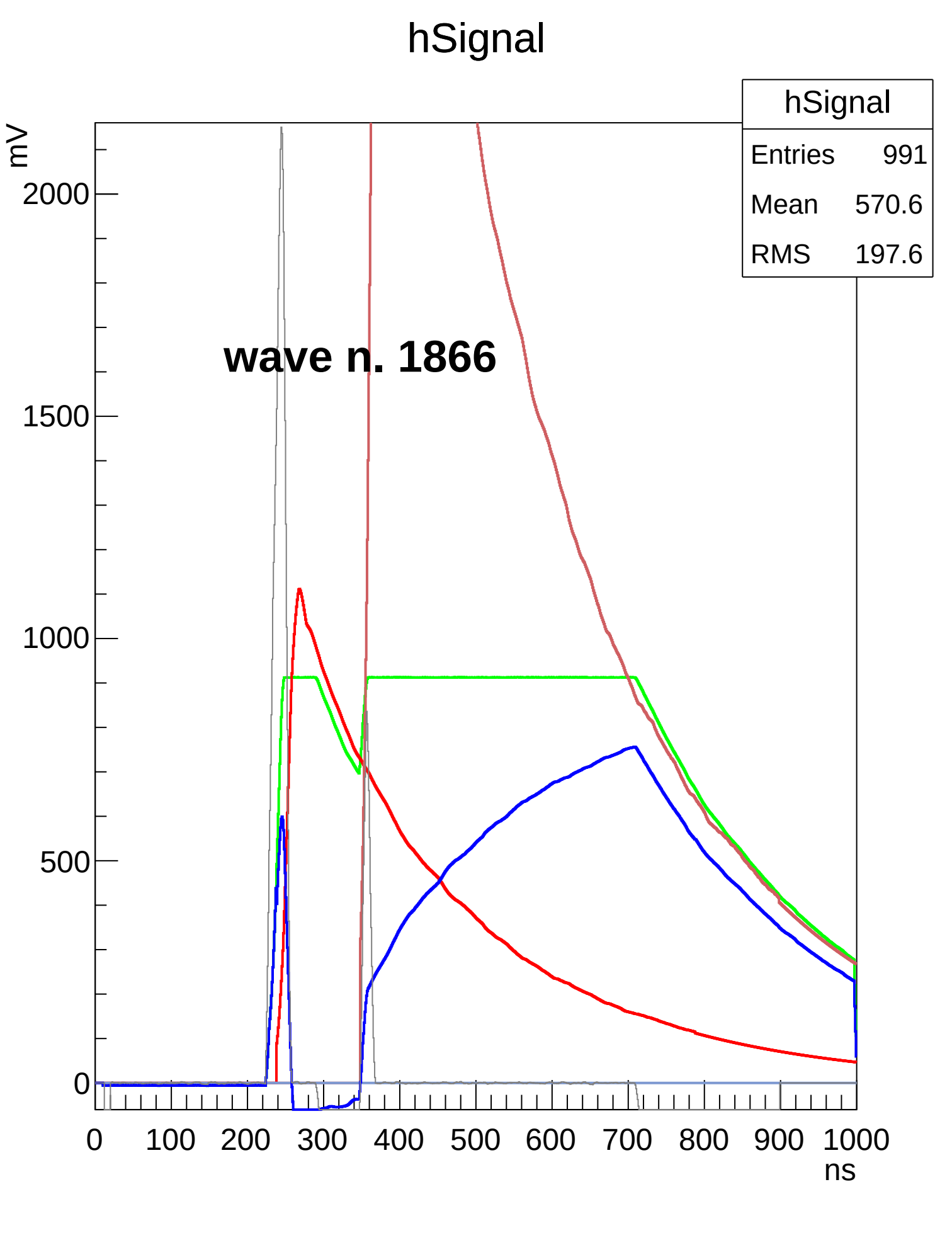
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.6
RMS 197.6
wave n. 1866
mV
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1500
1000
500
0
0
100
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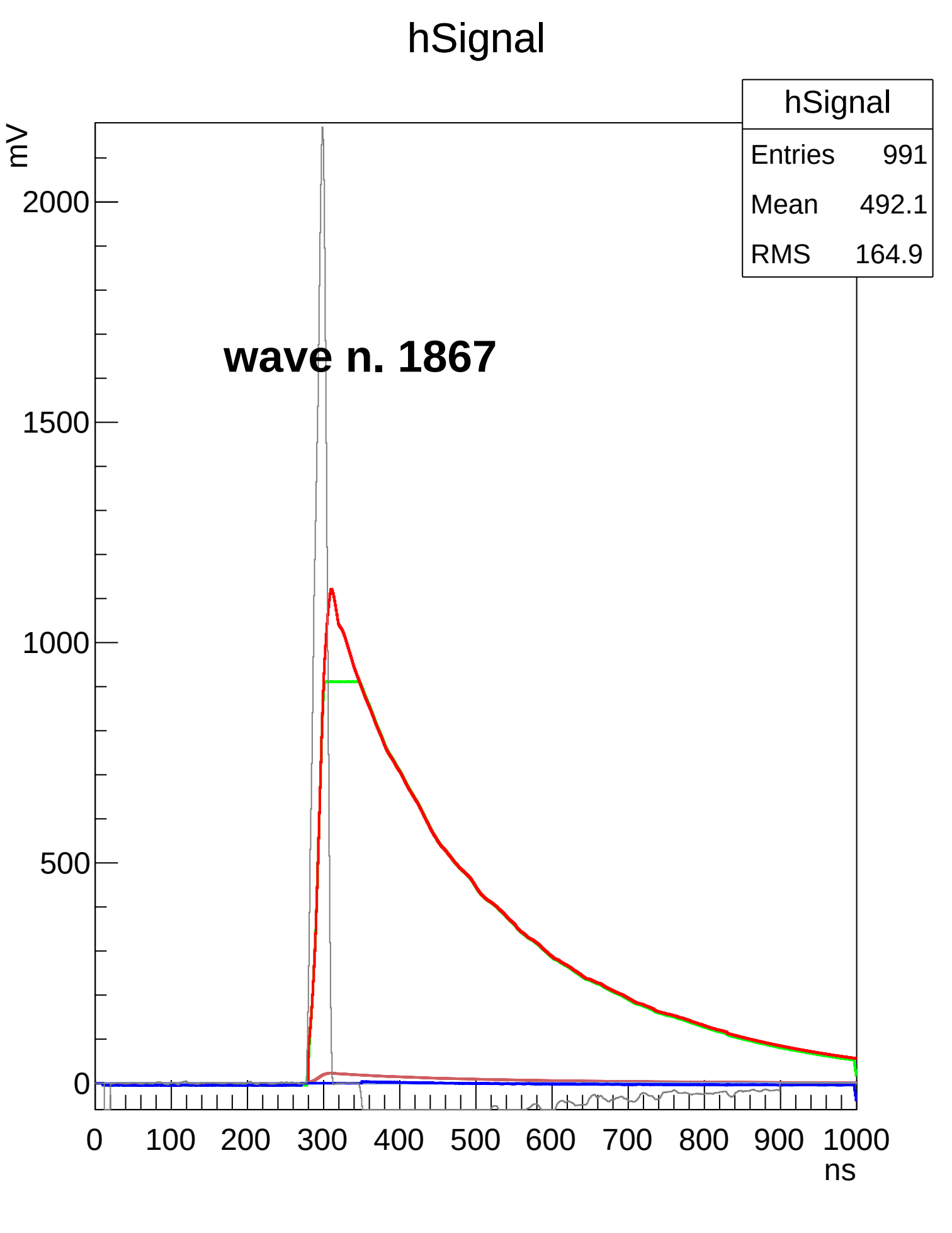
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 492.1
RMS 164.9
wave n. 1867
mV
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1500
1000
500
0
0
100
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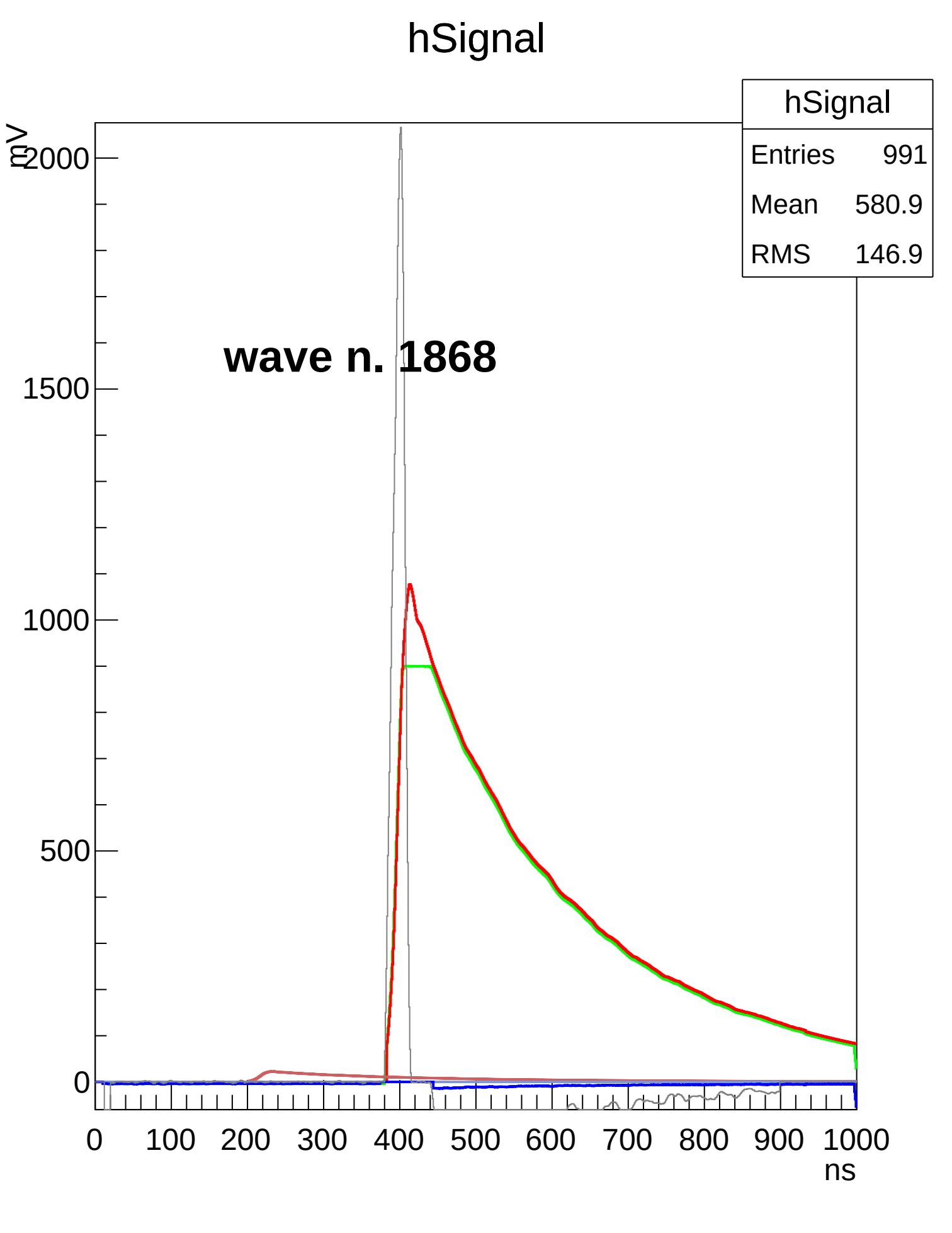
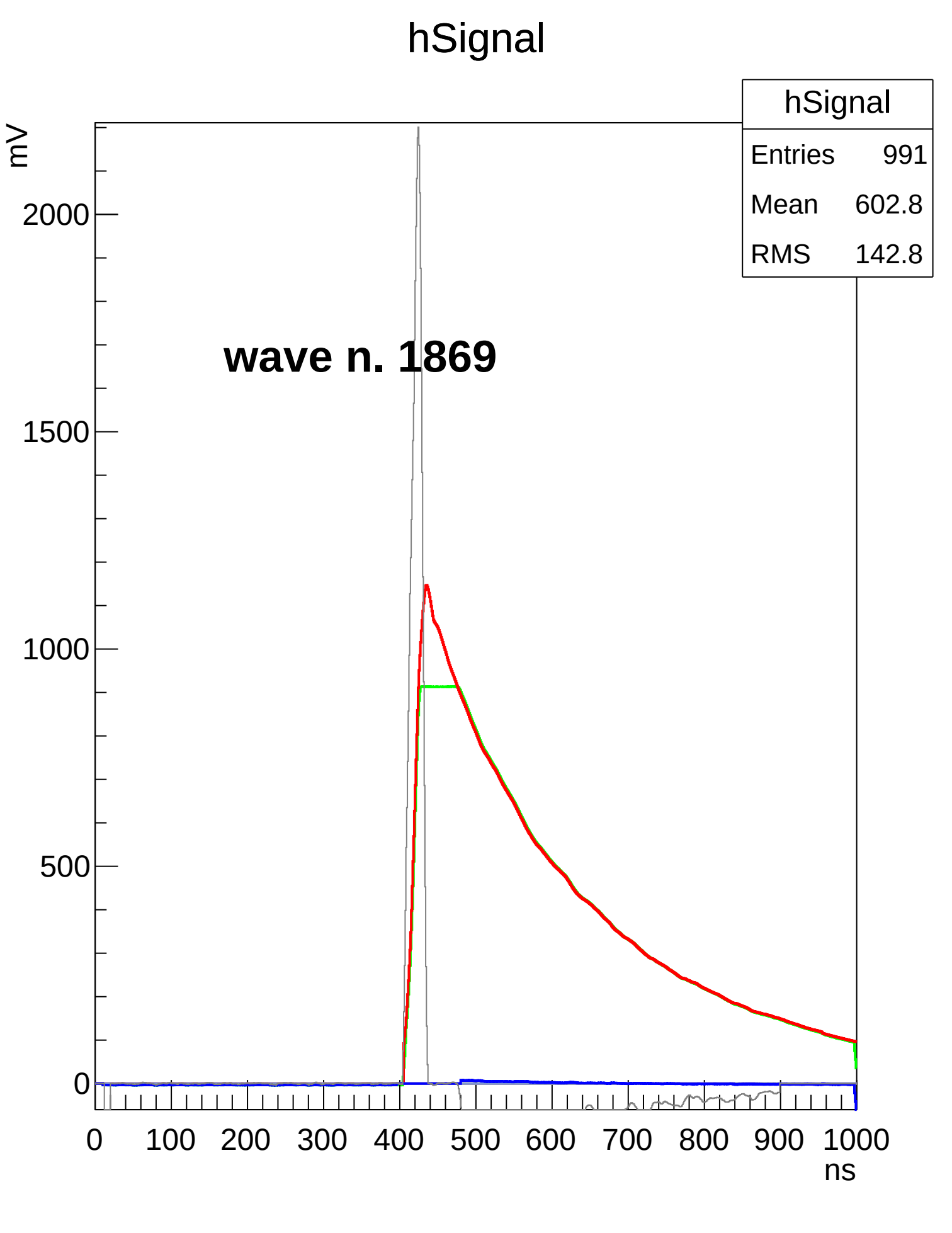
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580.9
RMS 146.9
wave n. 1868
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 602.8
RMS 142.8
wave n. 1869
mV
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1500
1000
500
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0
100
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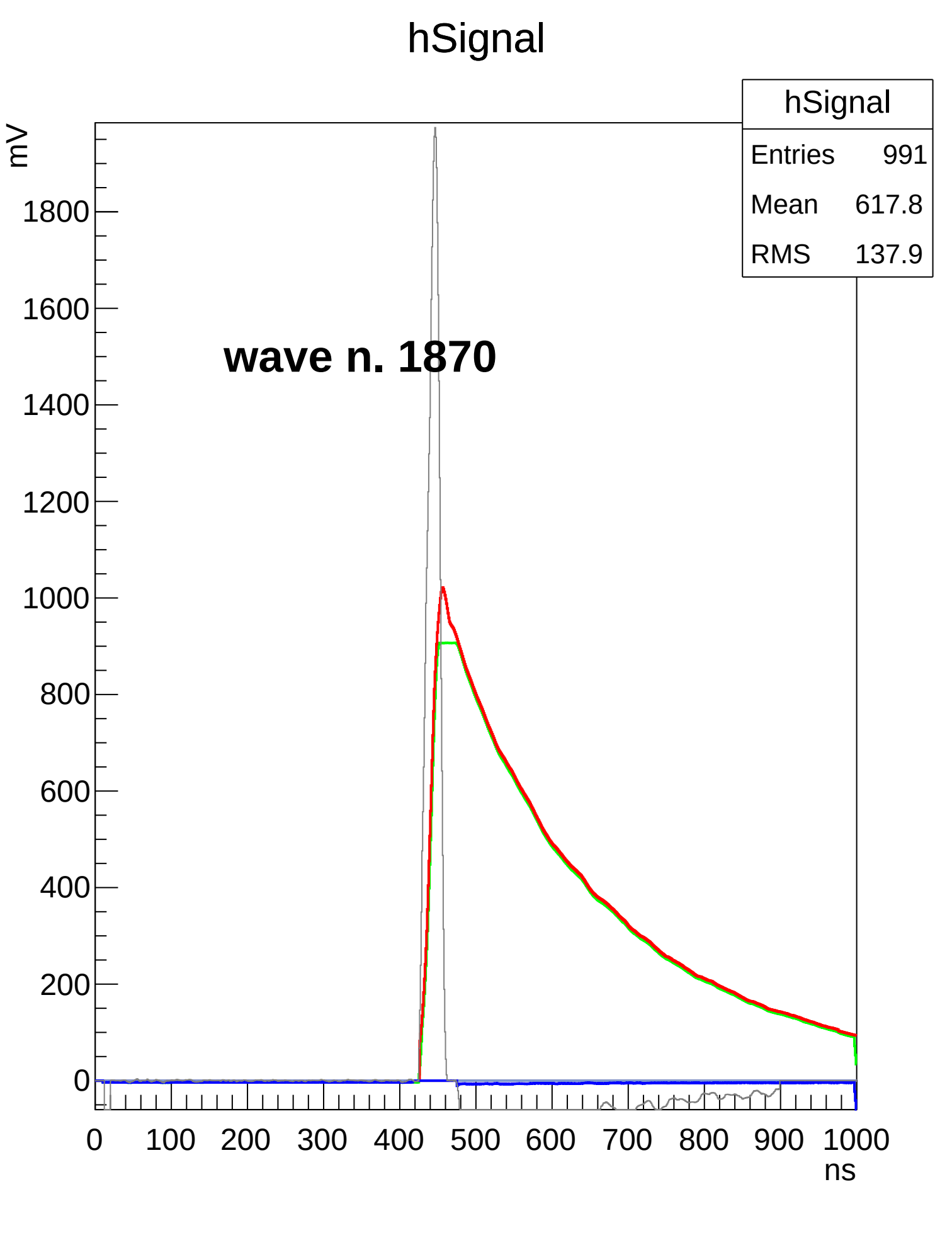
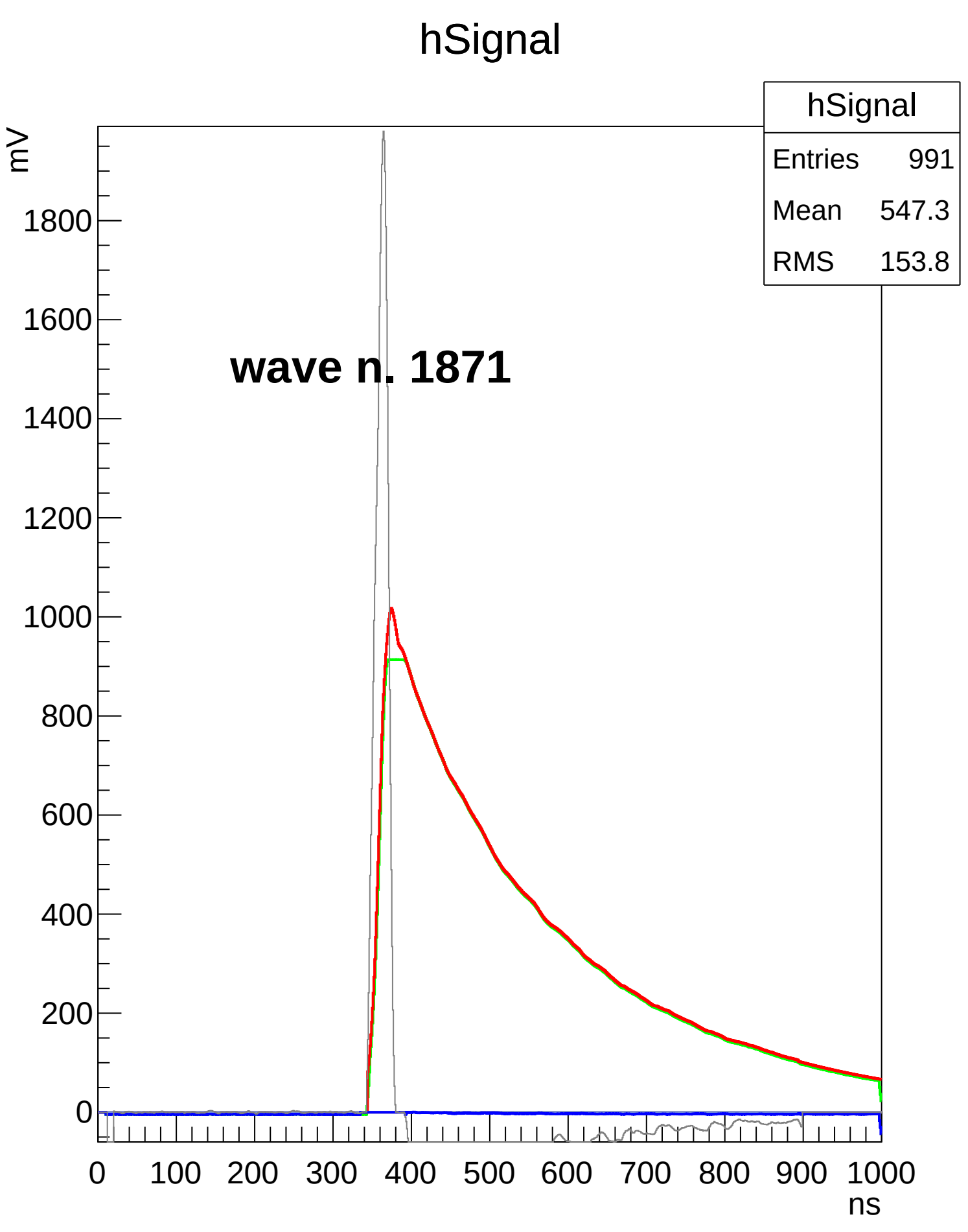
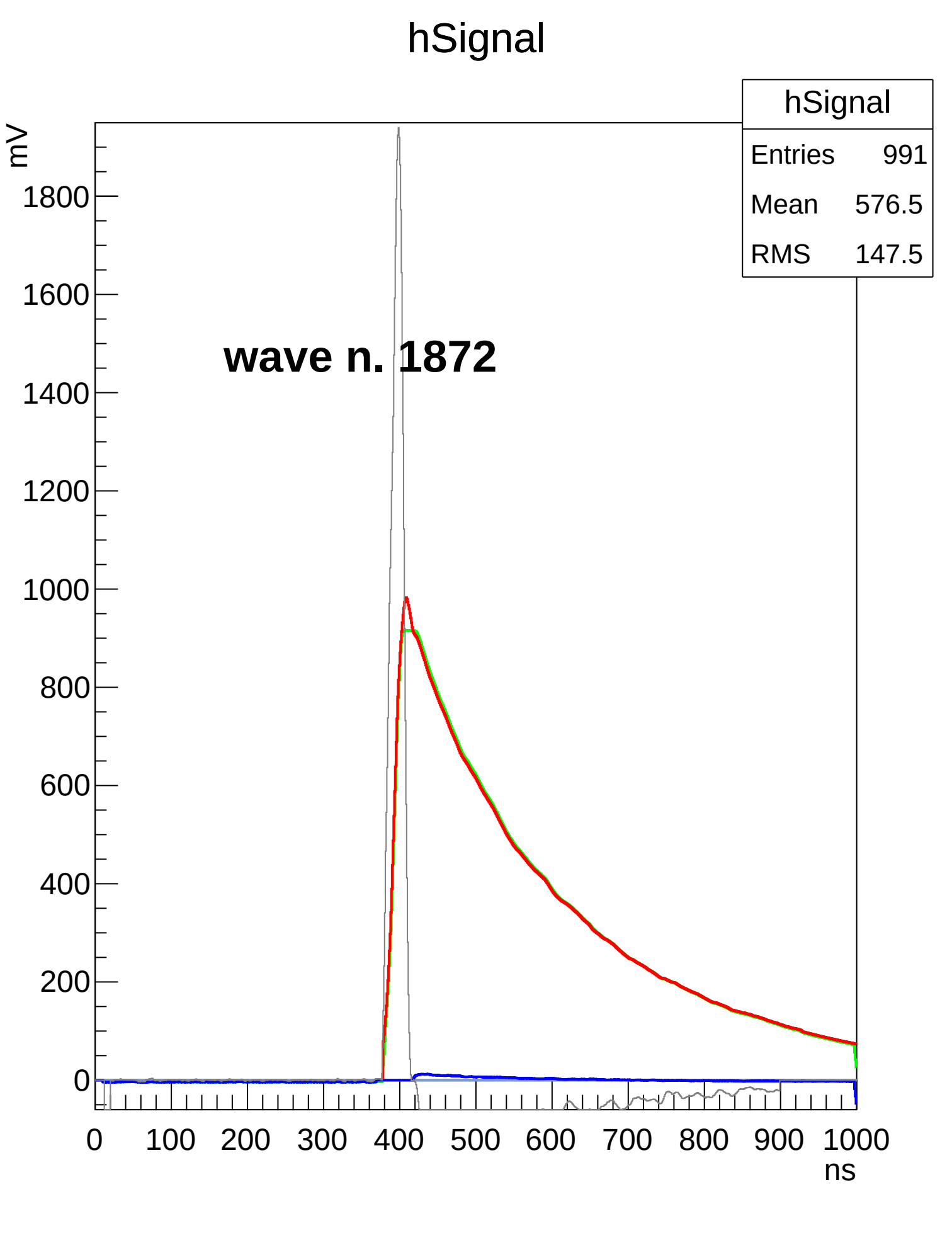
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 617.8
RMS 137.9
wave n. 1870
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 547.3
RMS 153.8
wave n. 1871
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576.5
RMS 147.5
wave n. 1872
mV
1800
1600
1400
1200
1000
800
600
400
200
0
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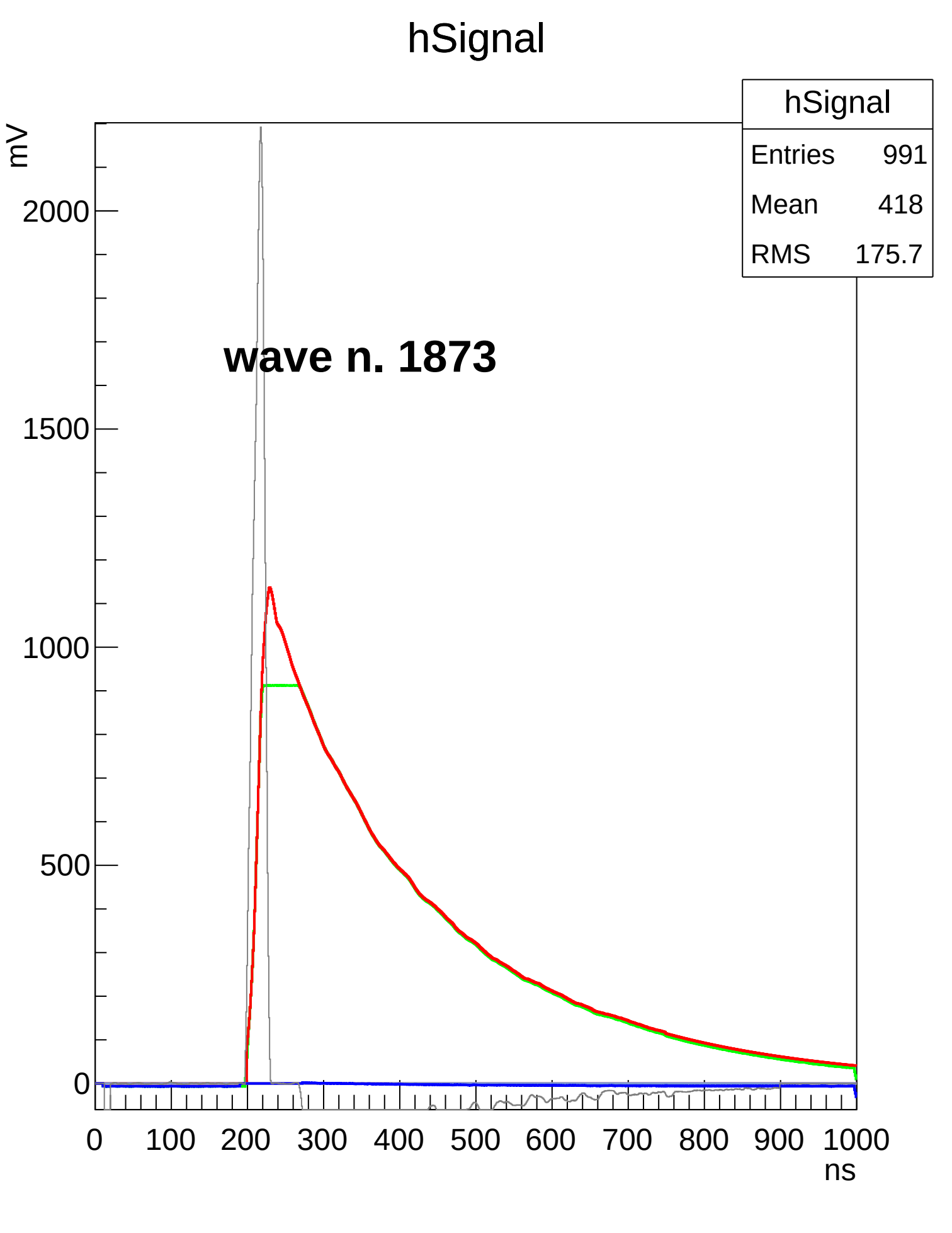
ns


hSignal
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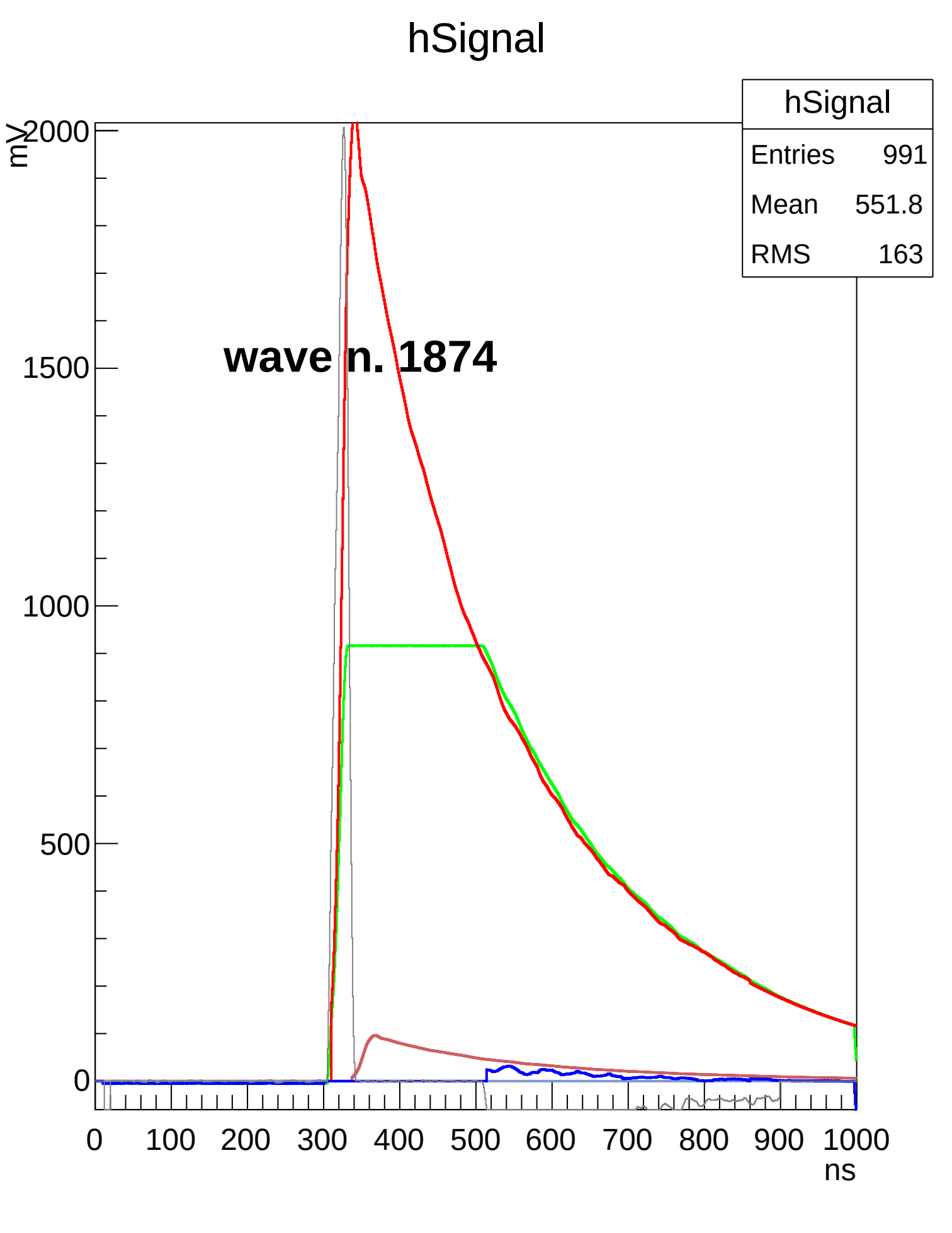
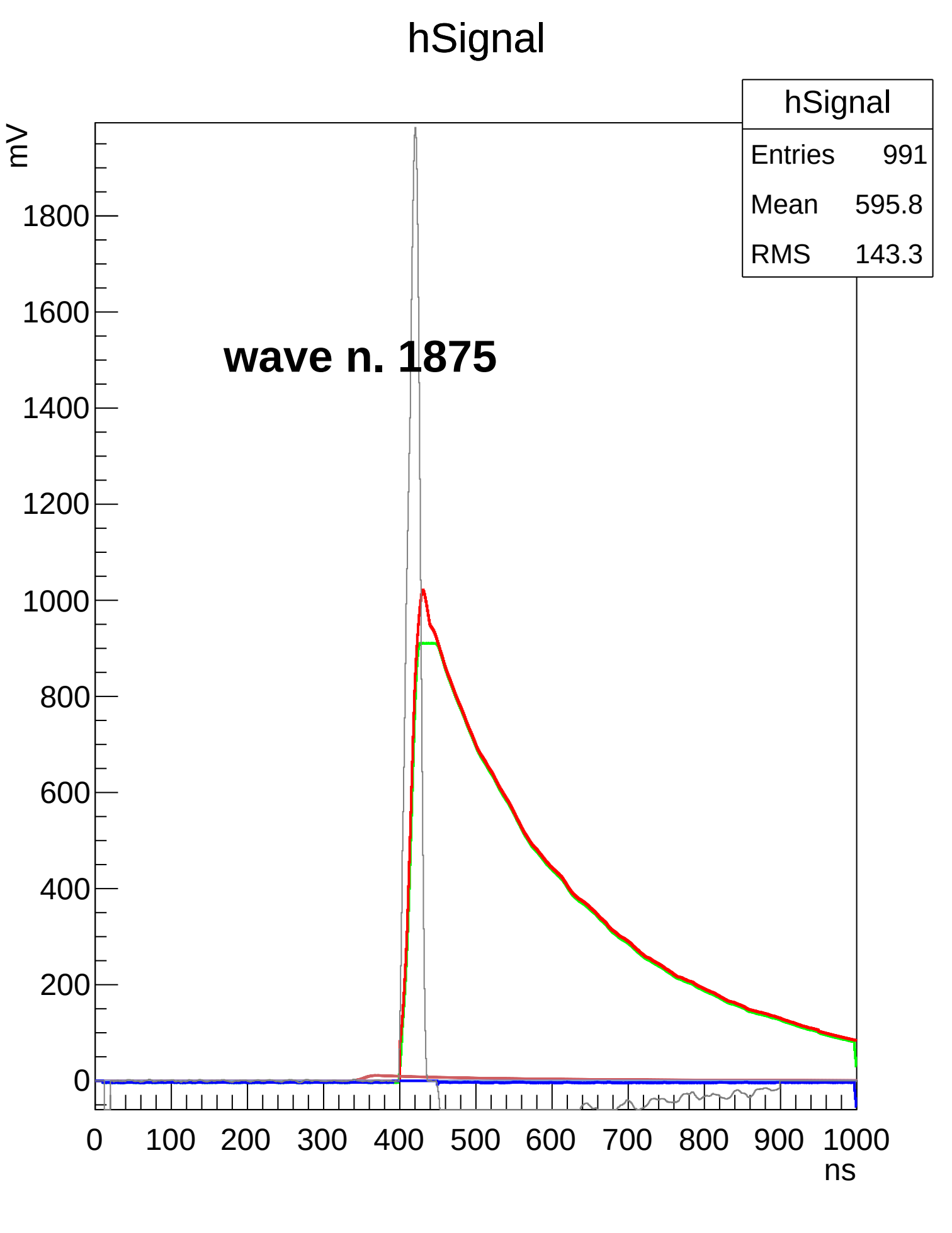
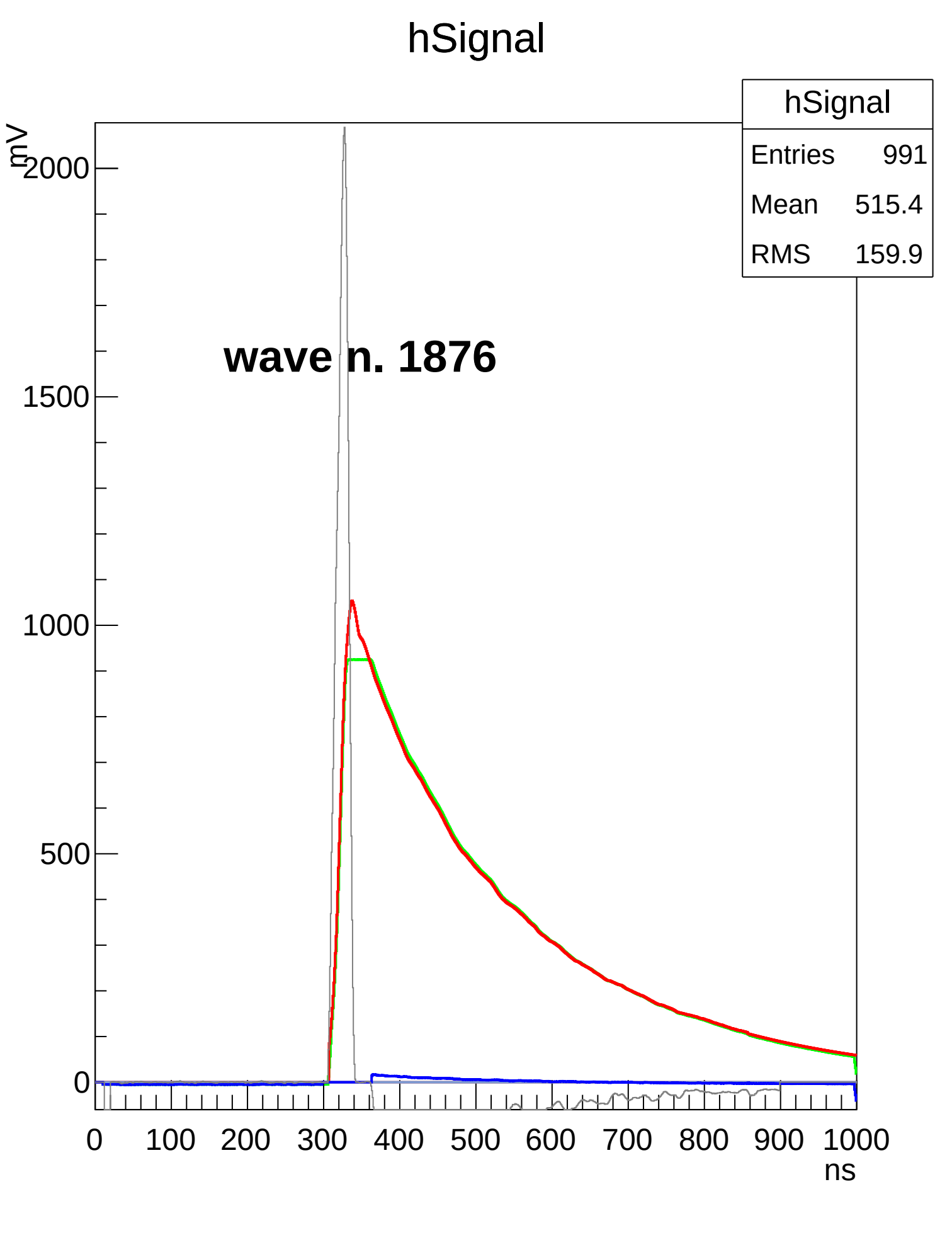
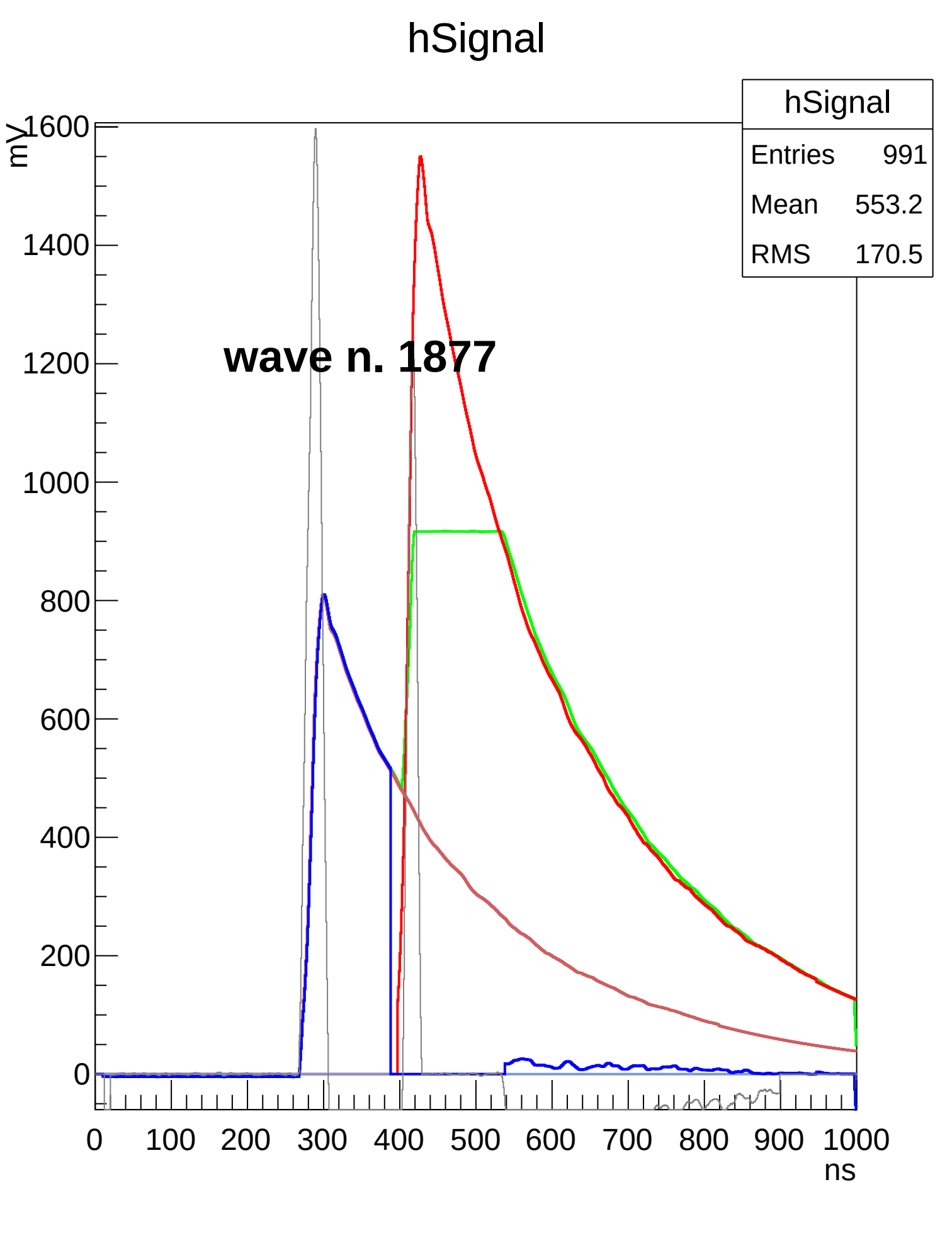
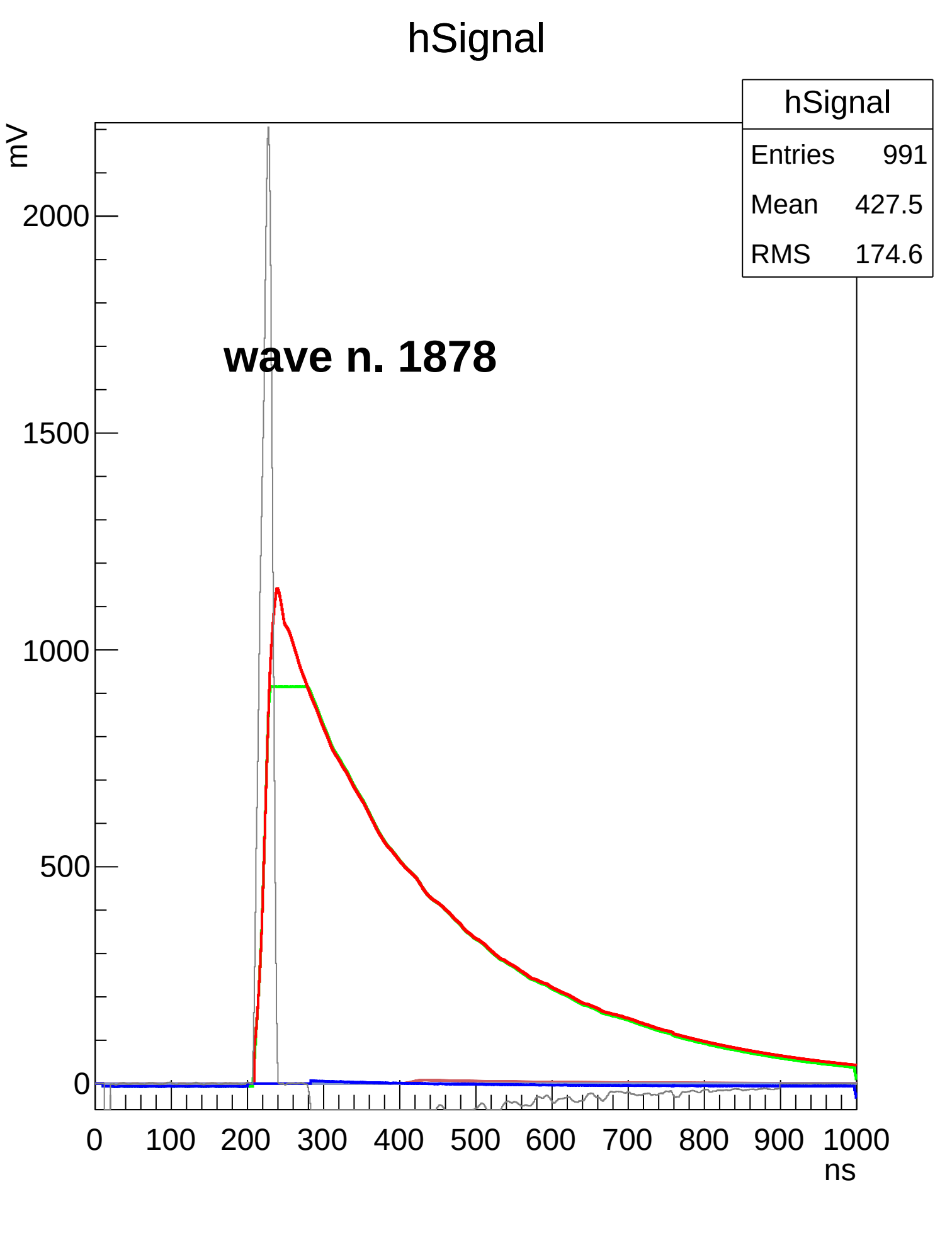
Entries 991
Mean 418
RMS 175.7
wave n. 1873
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 551.8
RMS 163
wave n. 1874
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 595.8
RMS 143.3
wave n. 1875
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 515.4
RMS 159.9
wave n. 1876
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.2
RMS 170.5
wave n. 1877
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 427.5
RMS 174.6
wave n. 1878
mV
2000
1500
1000
500
0
0
100
200
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400
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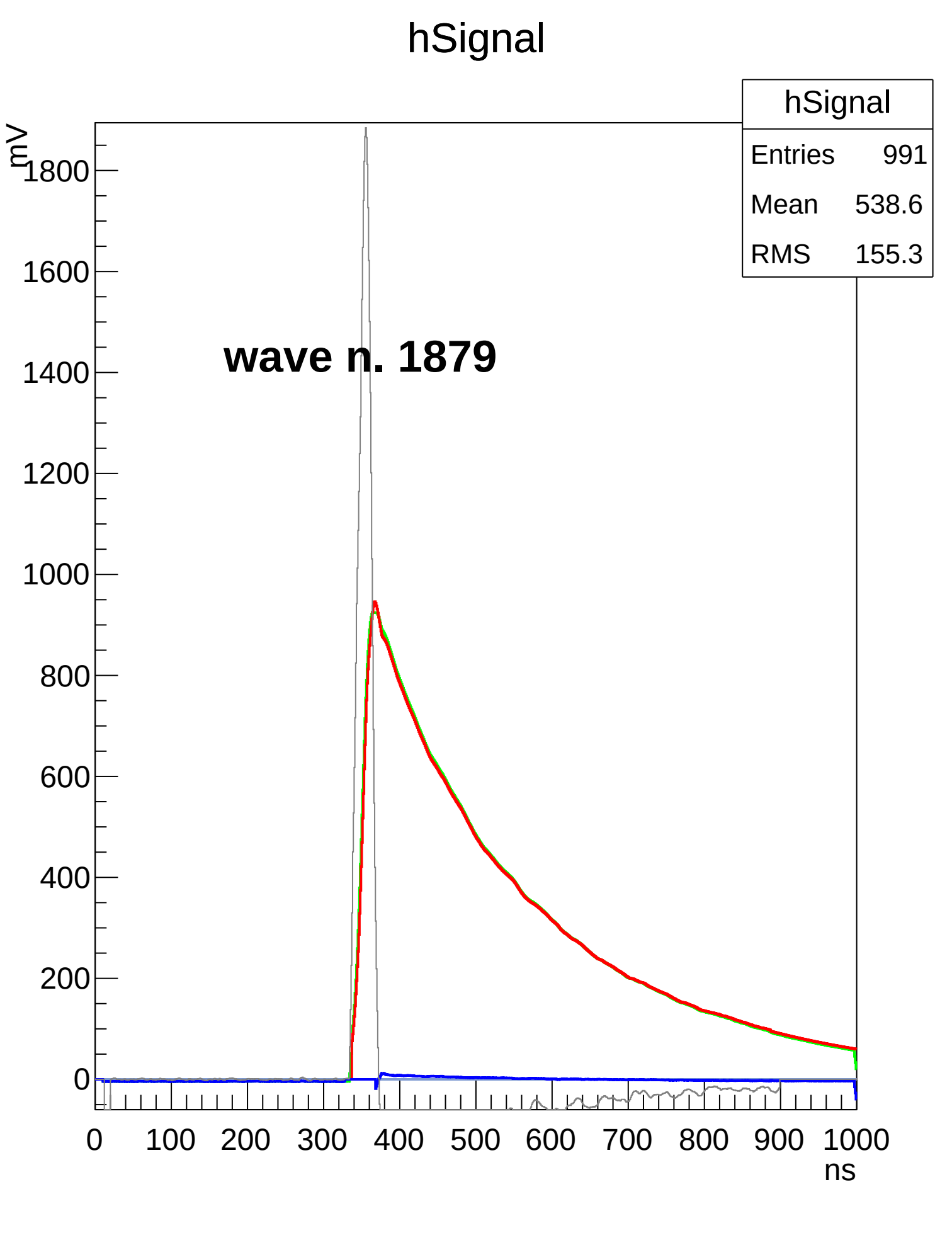
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 538.6
RMS 155.3
wave n. 1879
mV
1800
1600
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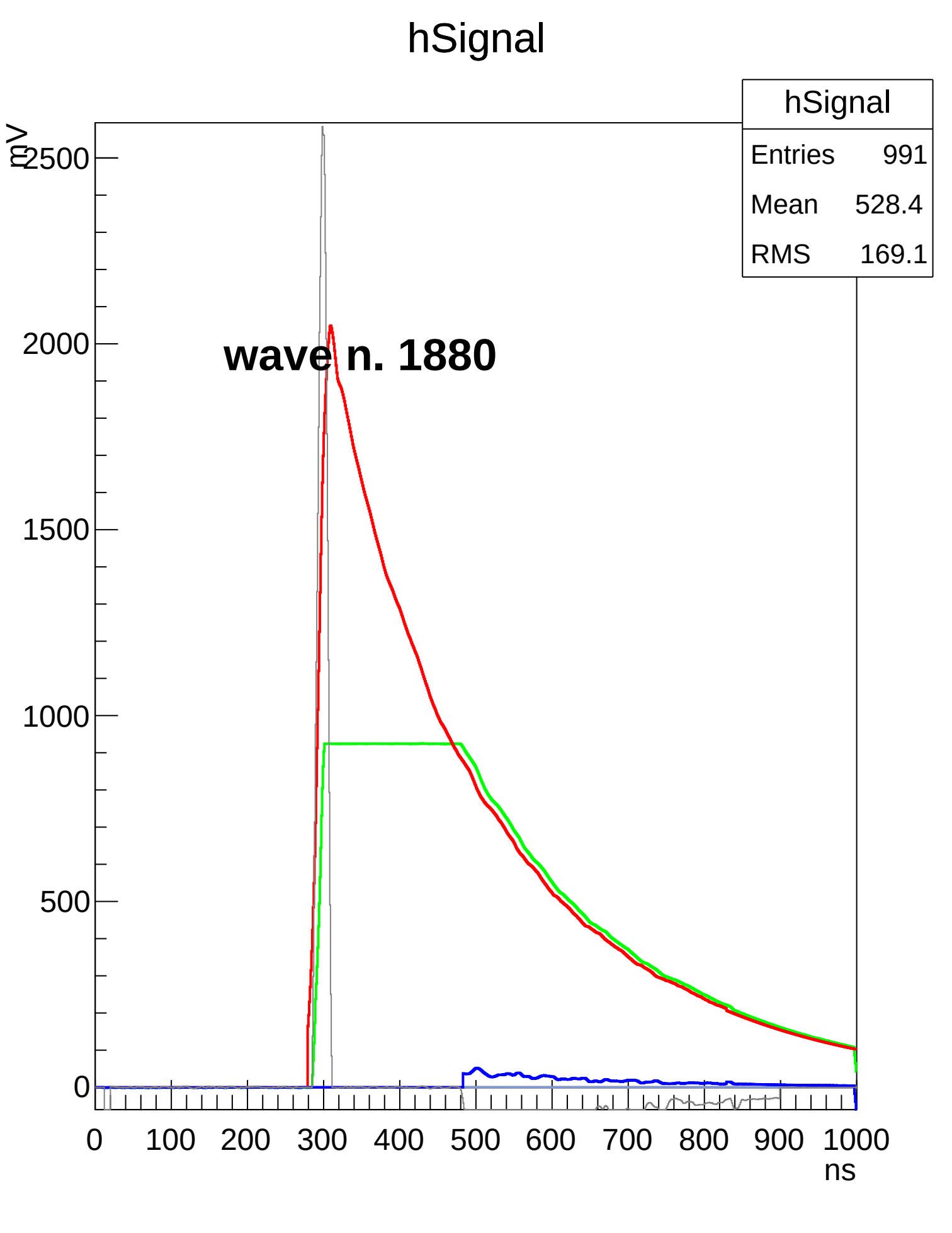
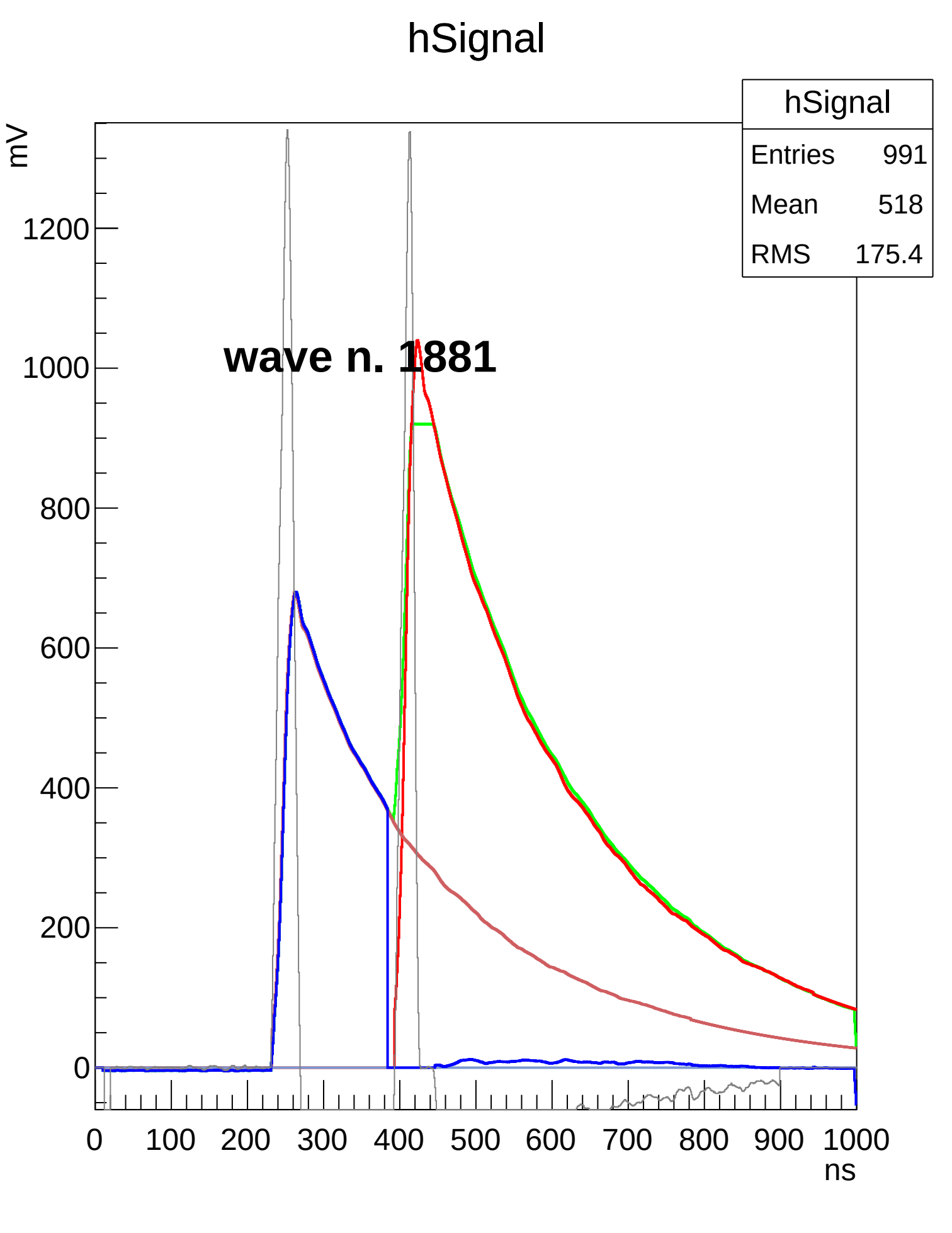
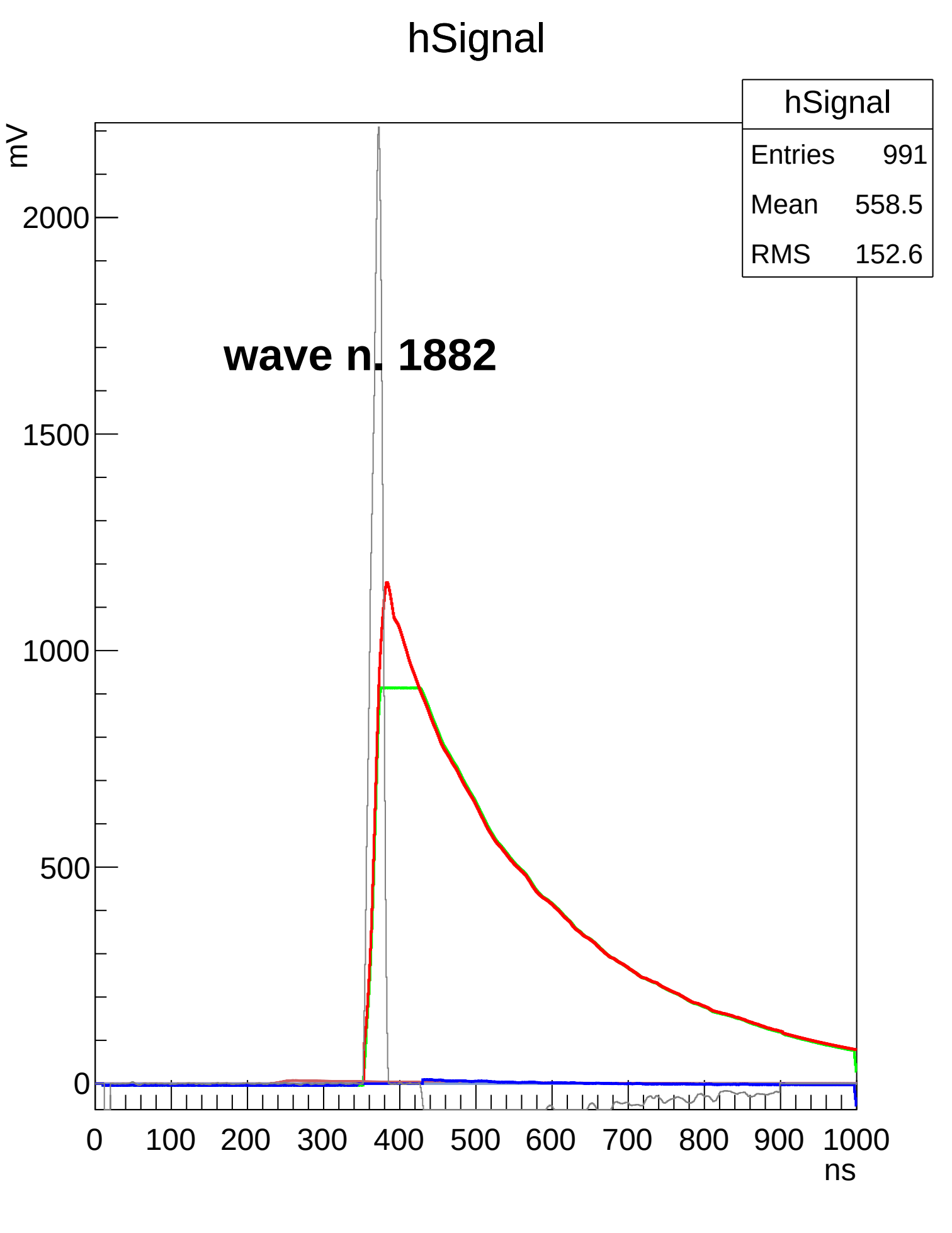
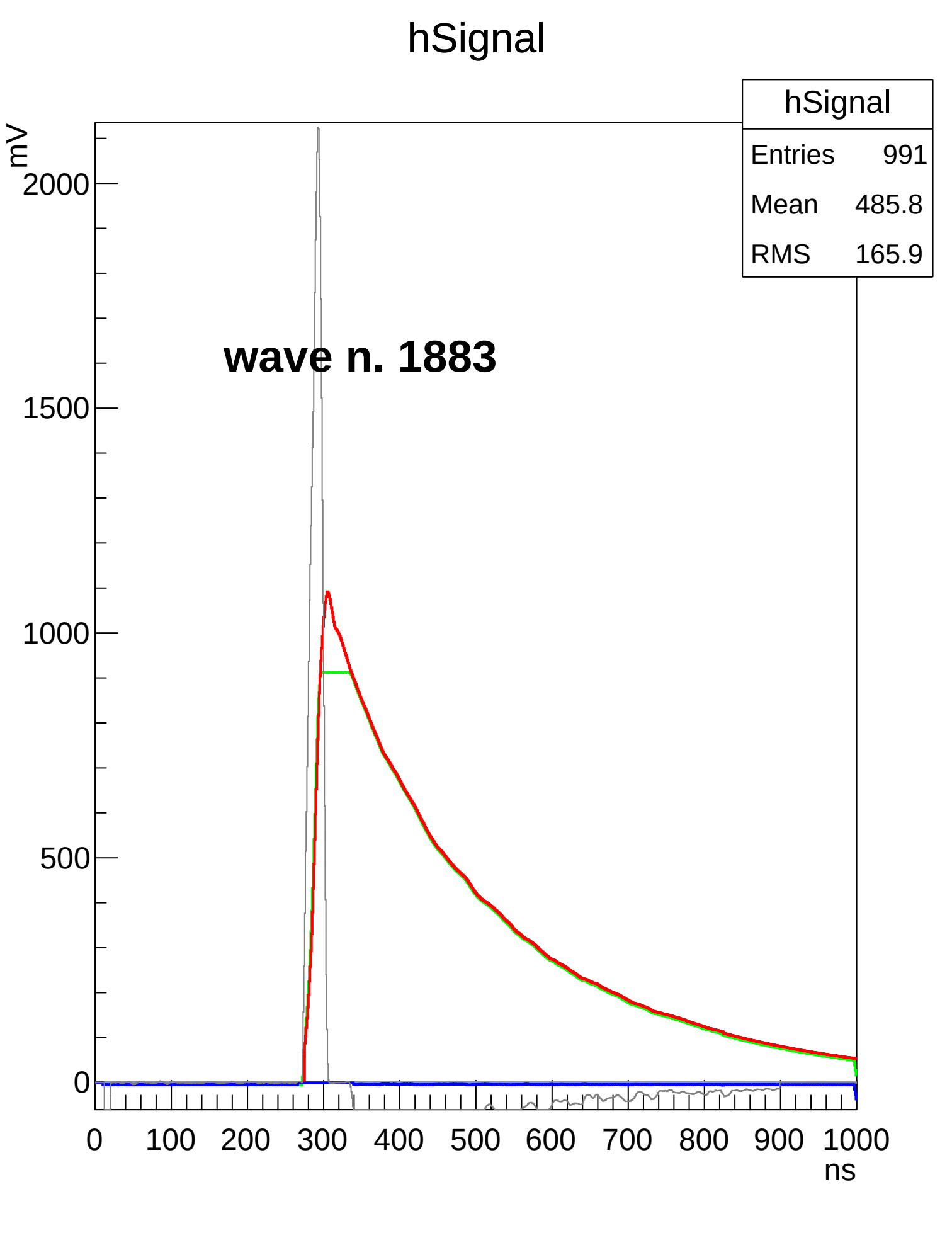
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 528.4
RMS 169.1
wave n. 1880
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518
RMS 175.4
wave n. 1881
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 558.5
RMS 152.6
wave n. 1882
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 485.8
RMS 165.9
wave n. 1883
mV
2000
1500
1000
500
0
0
100
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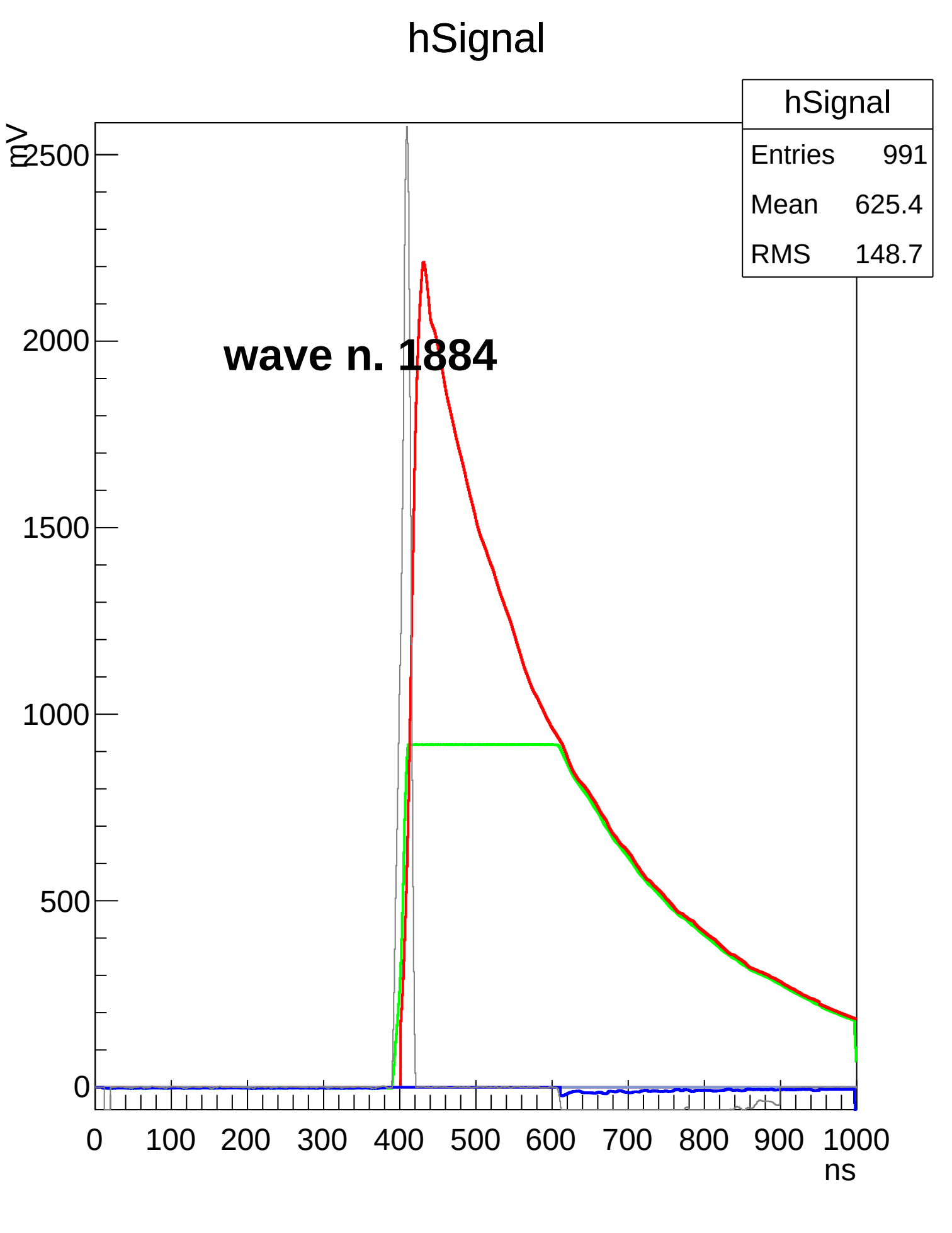
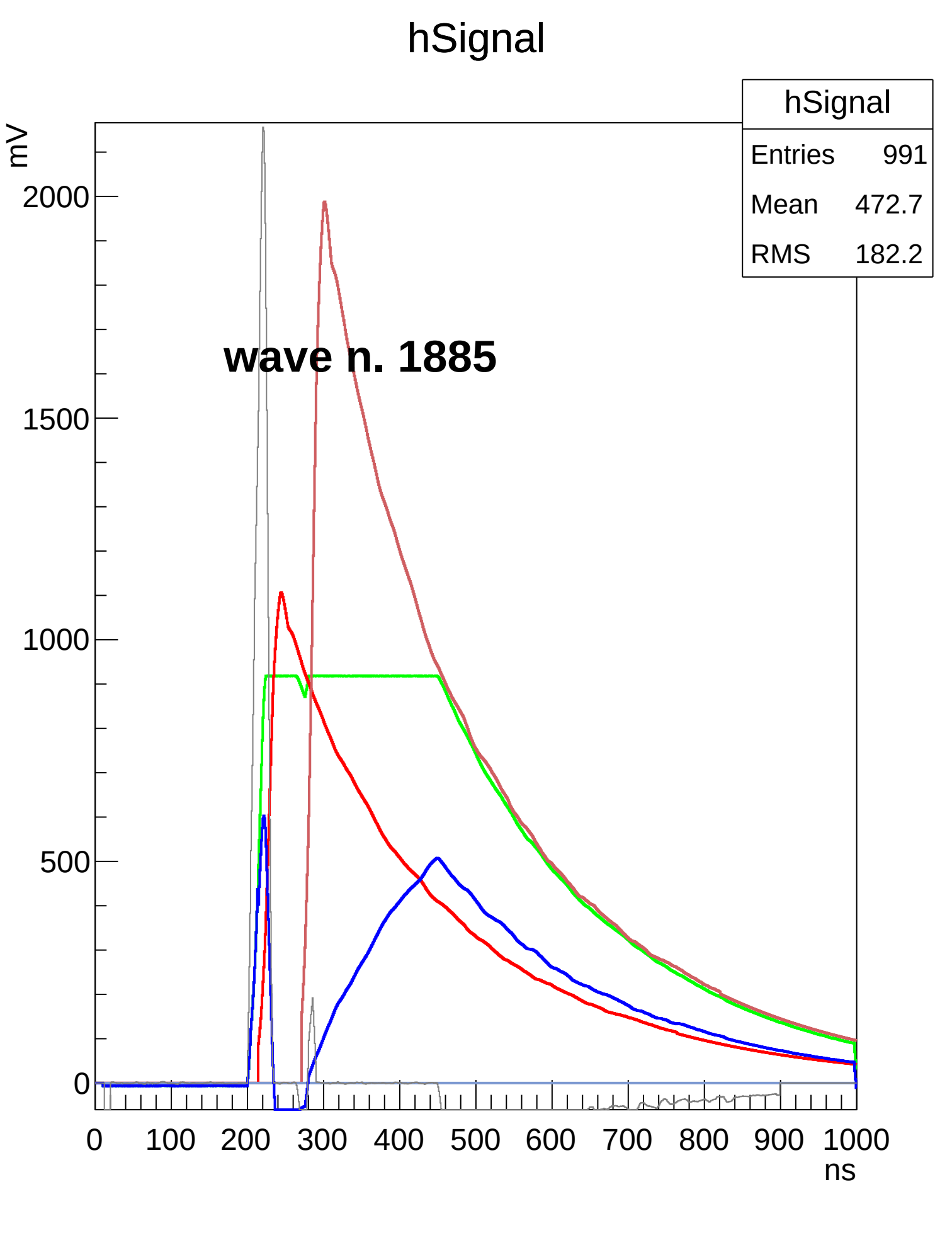
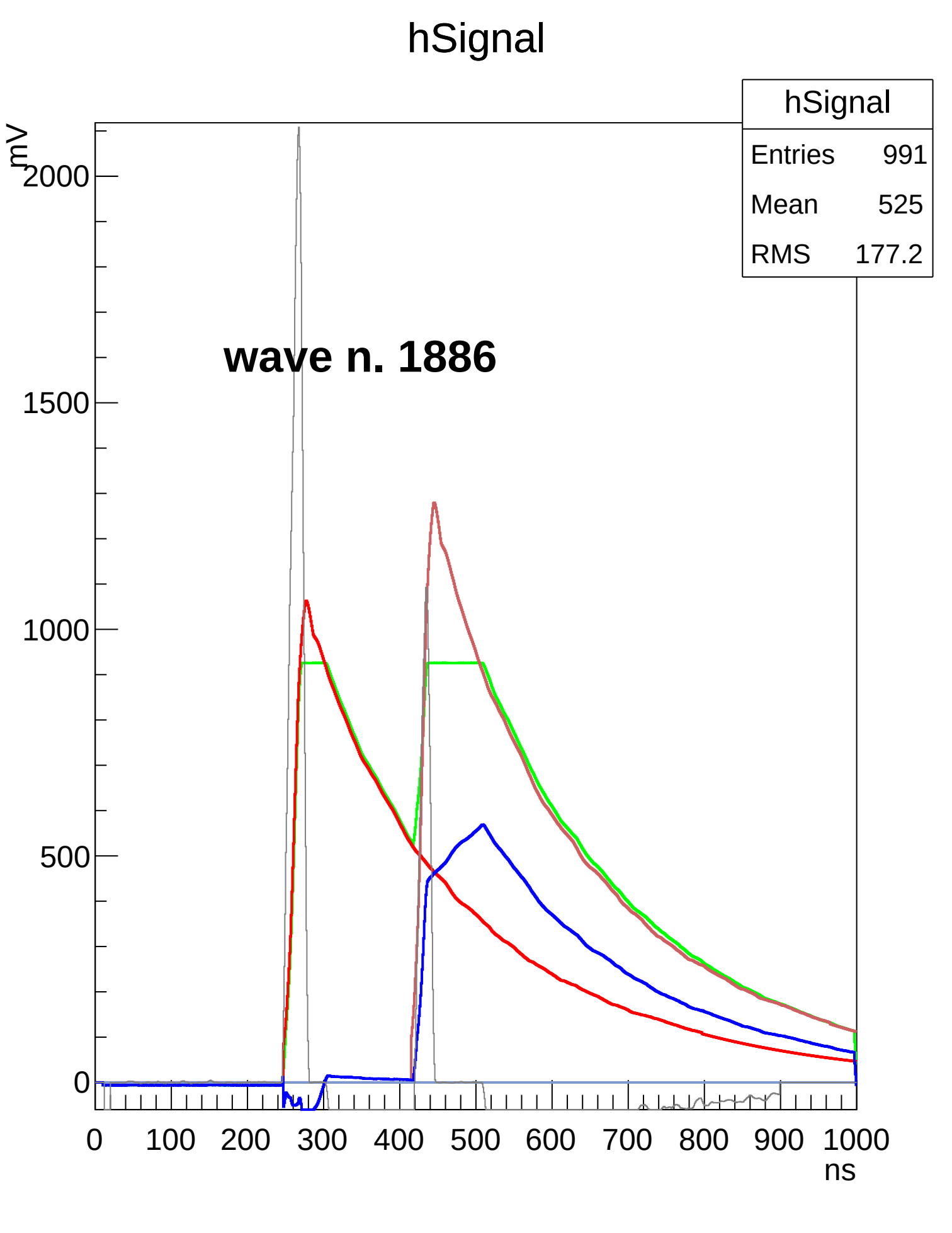
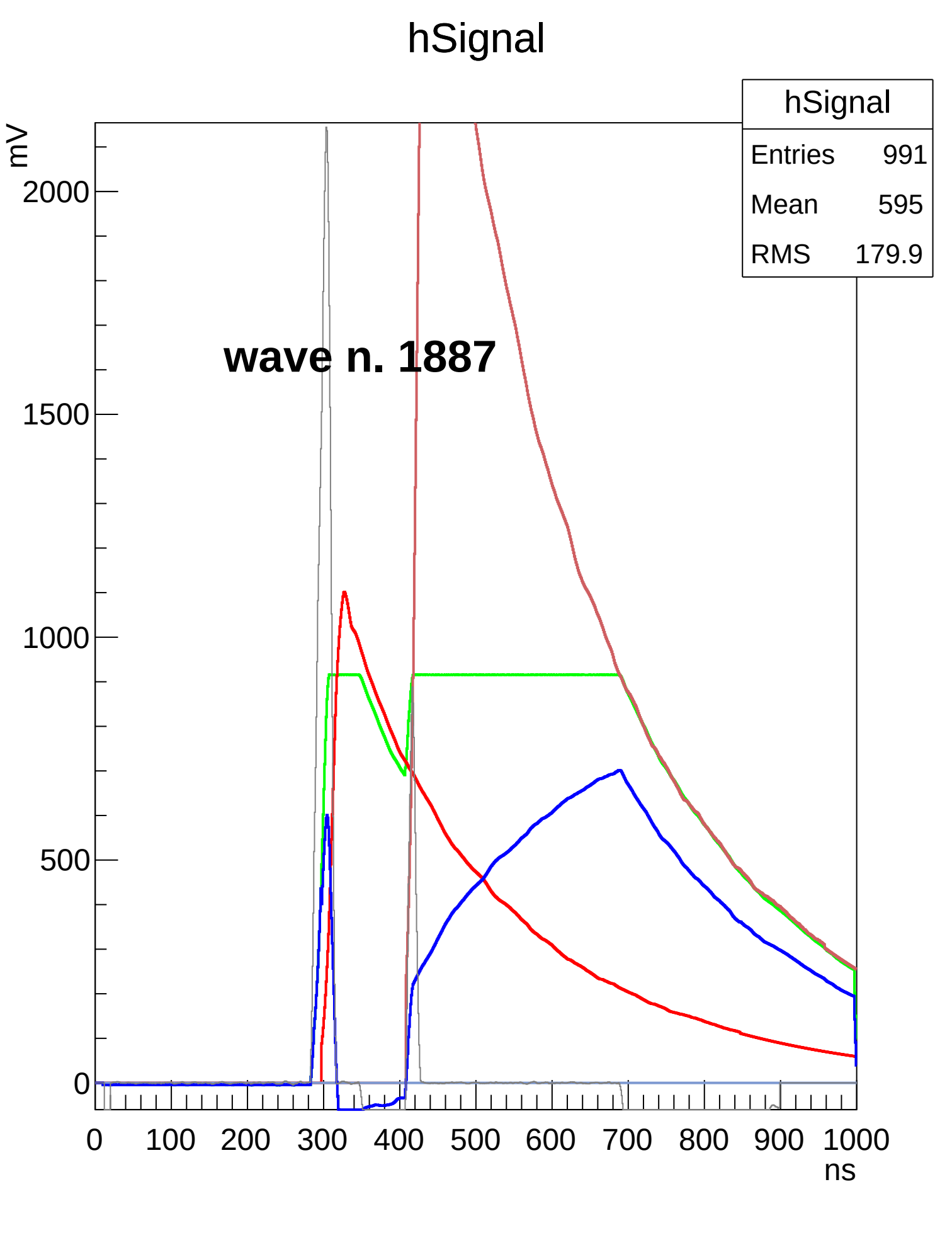
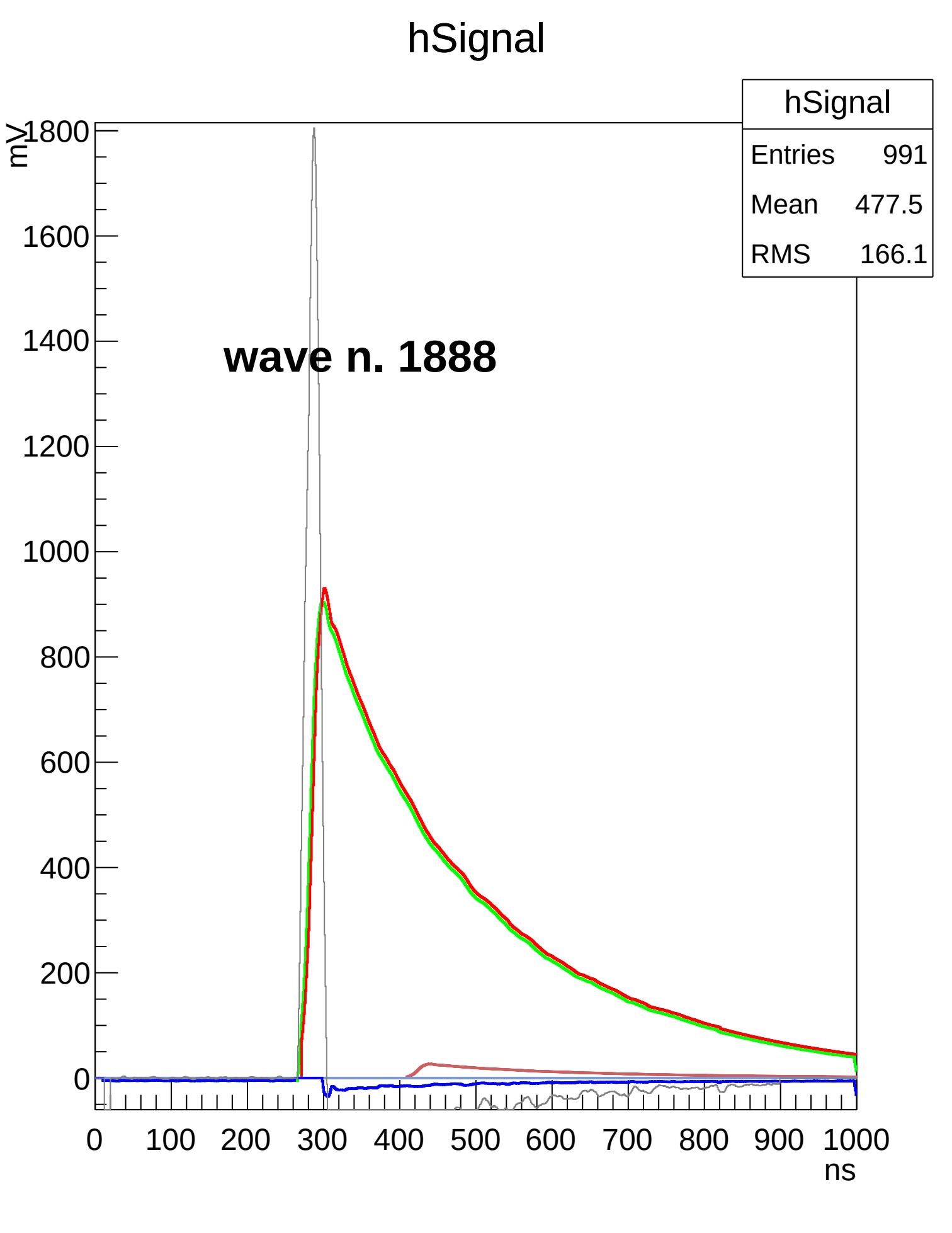
600
700
800
900
1000
ns

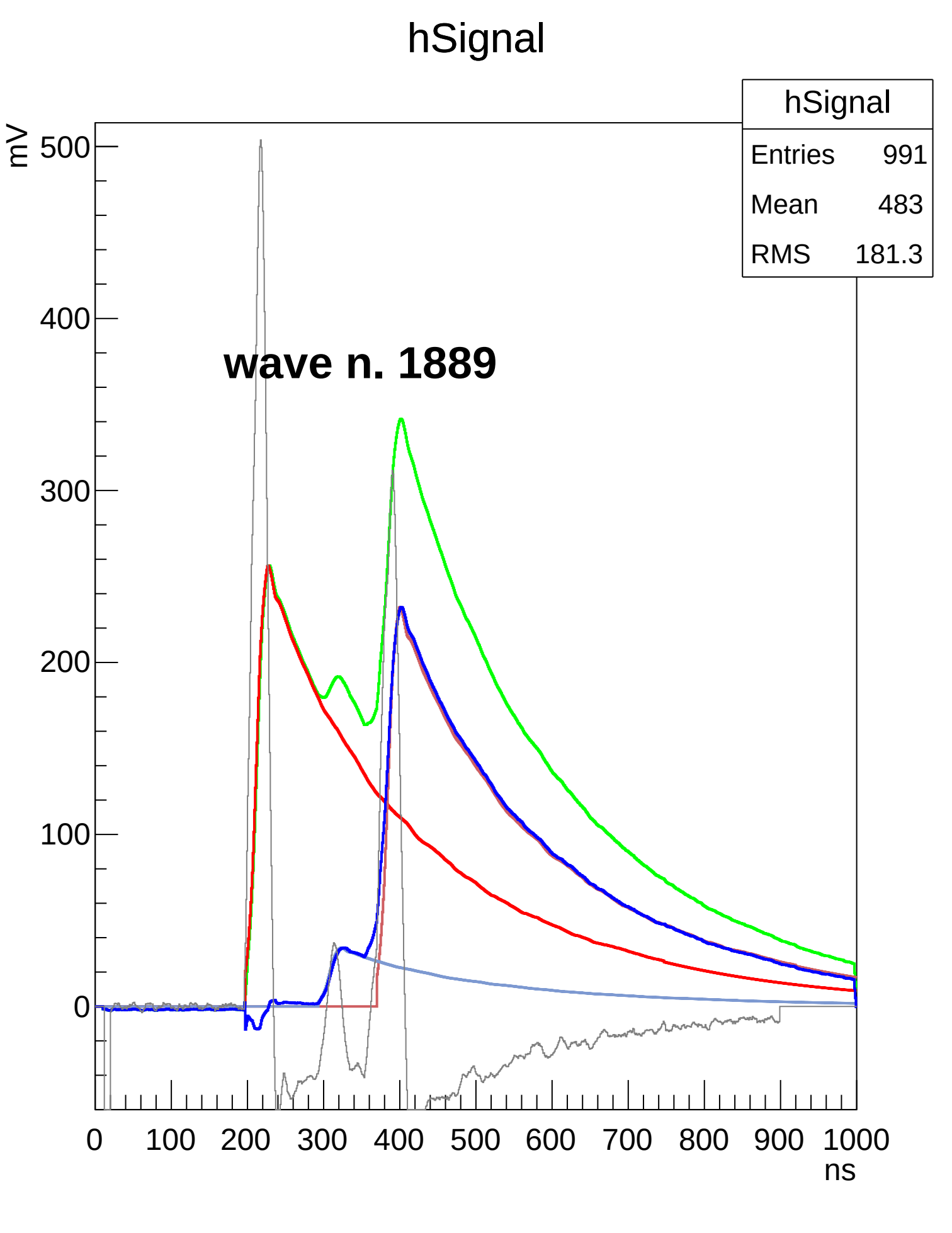

hSignal
hSignal
Entries 991
Mean 625.4
RMS 148.7
wave n. 1884
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

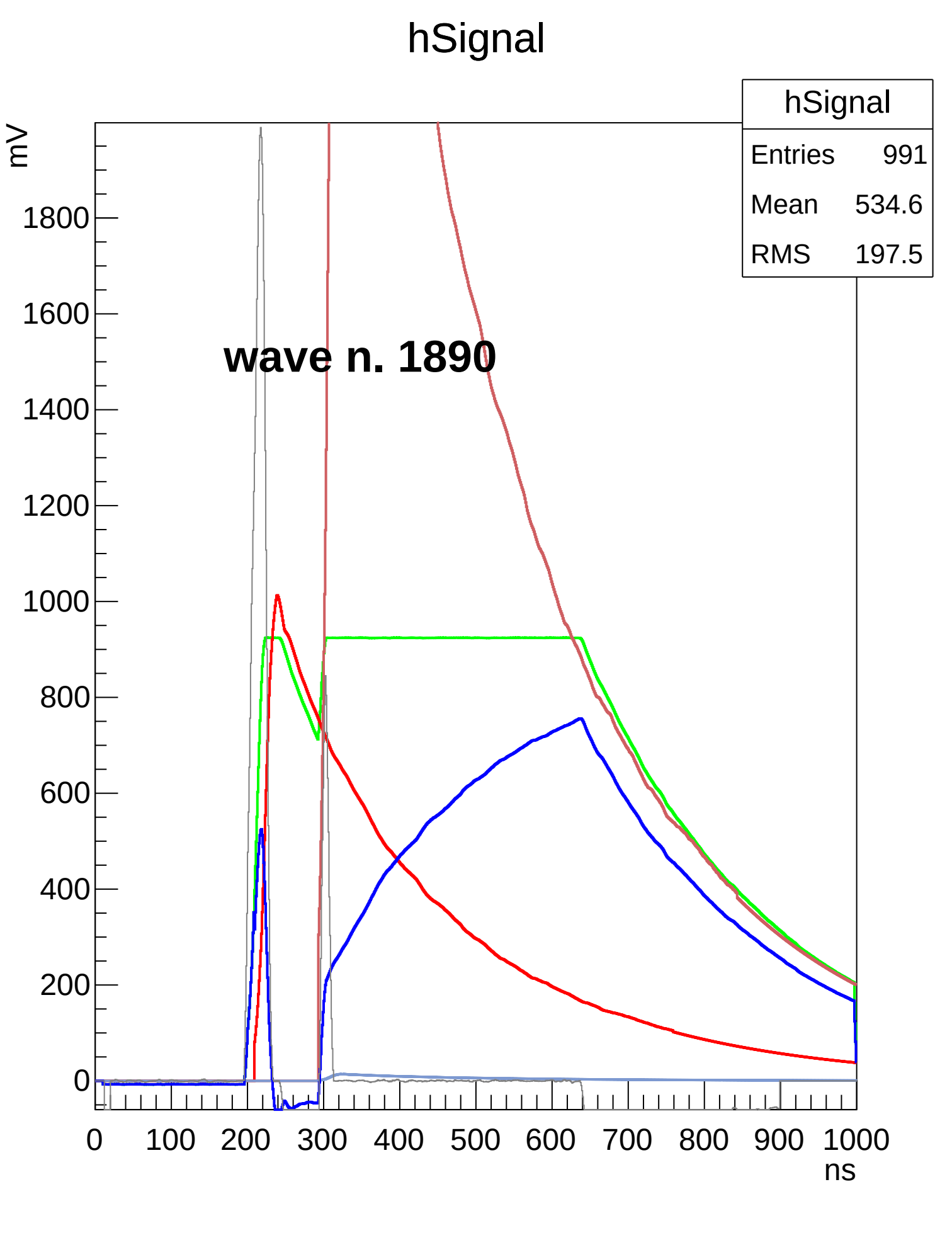

hSignal
hSignal
Entries 991
Mean 472.7
RMS 182.2
wave n. 1885
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

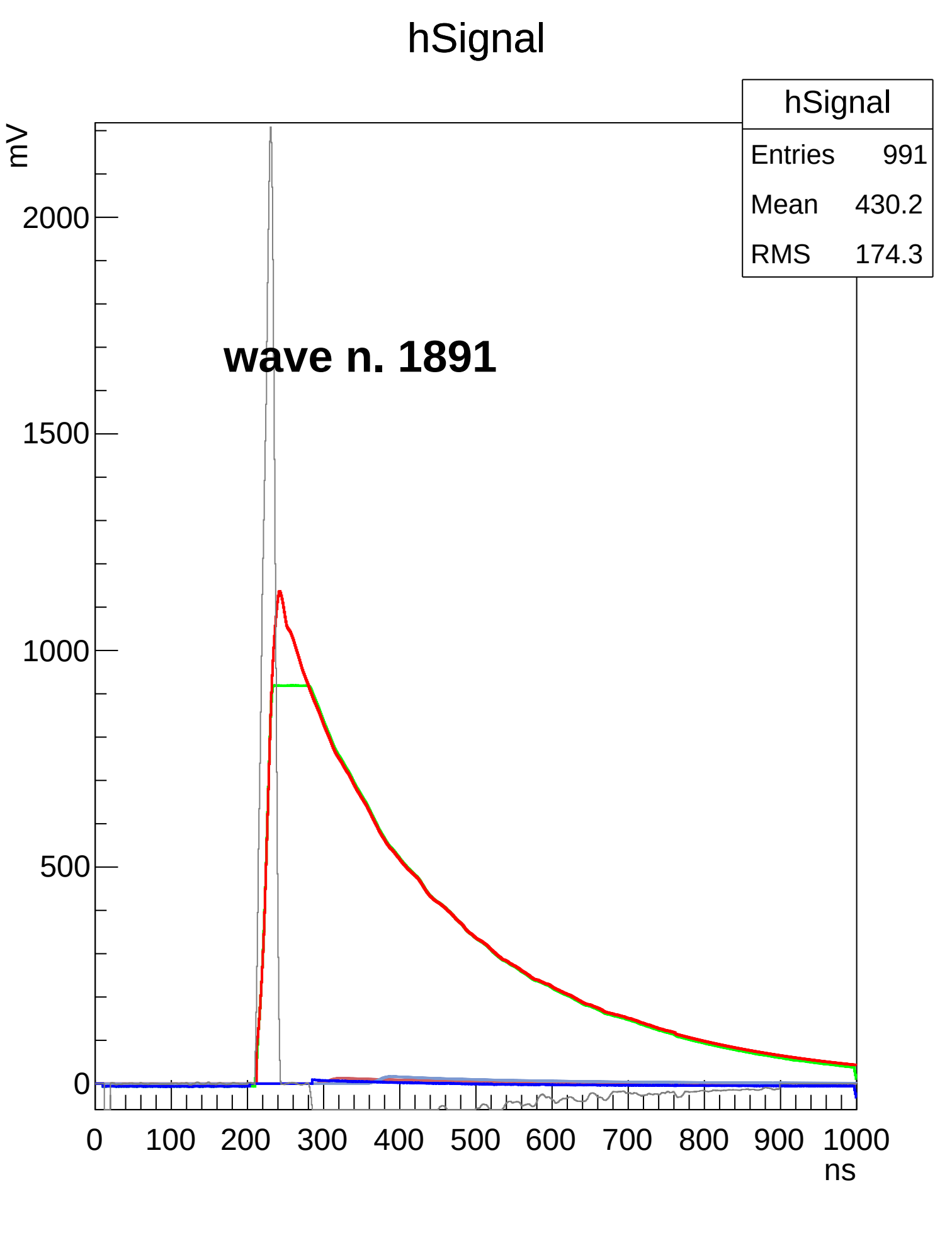

hSignal
hSignal
Entries 991
Mean 525
RMS 177.2
wave n. 1886
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

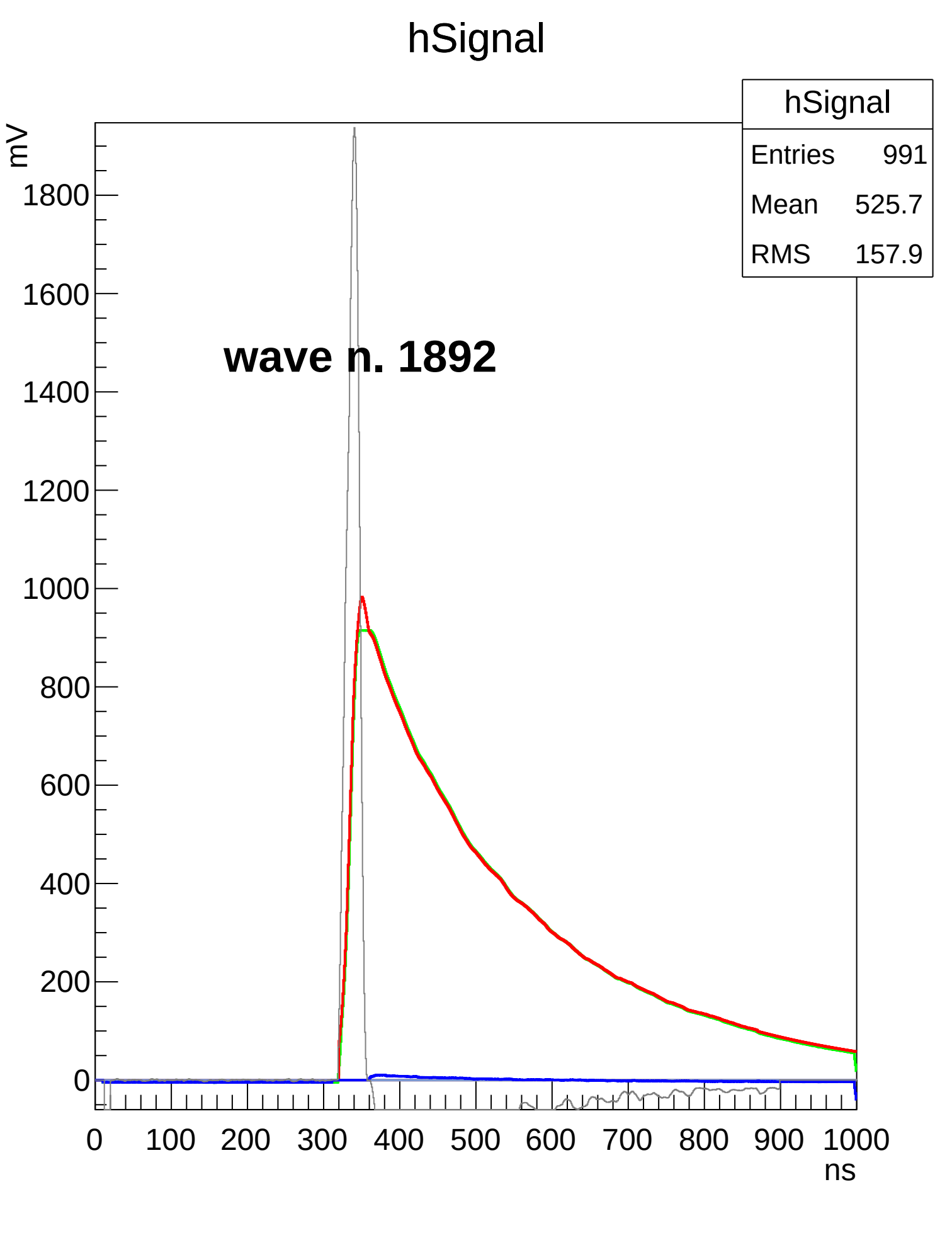

hSignal
hSignal
Entries 991
Mean 595
RMS 179.9
wave n. 1887
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

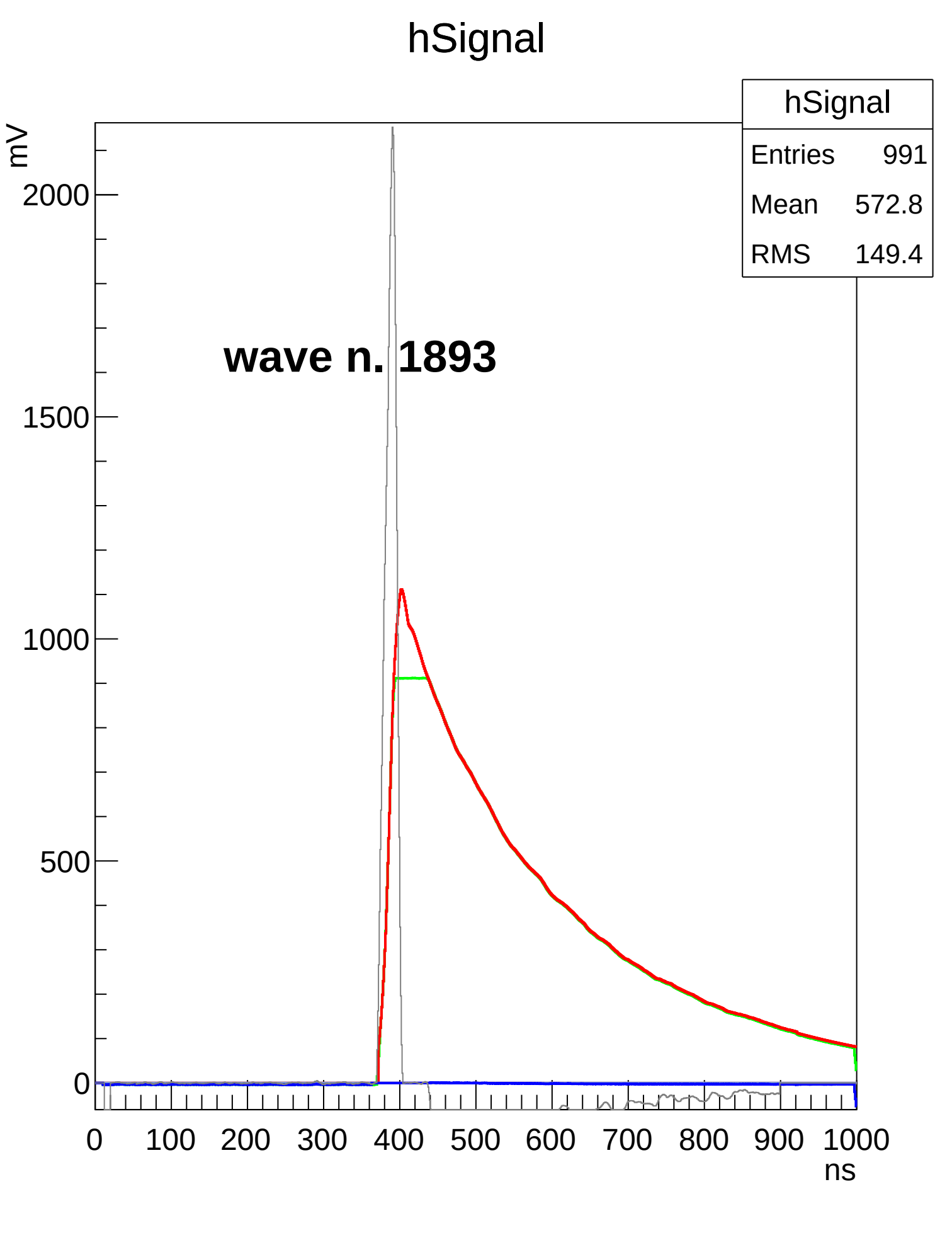

hSignal
hSignal
Entries 991
Mean 477.5
RMS 166.1
wave n. 1888
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

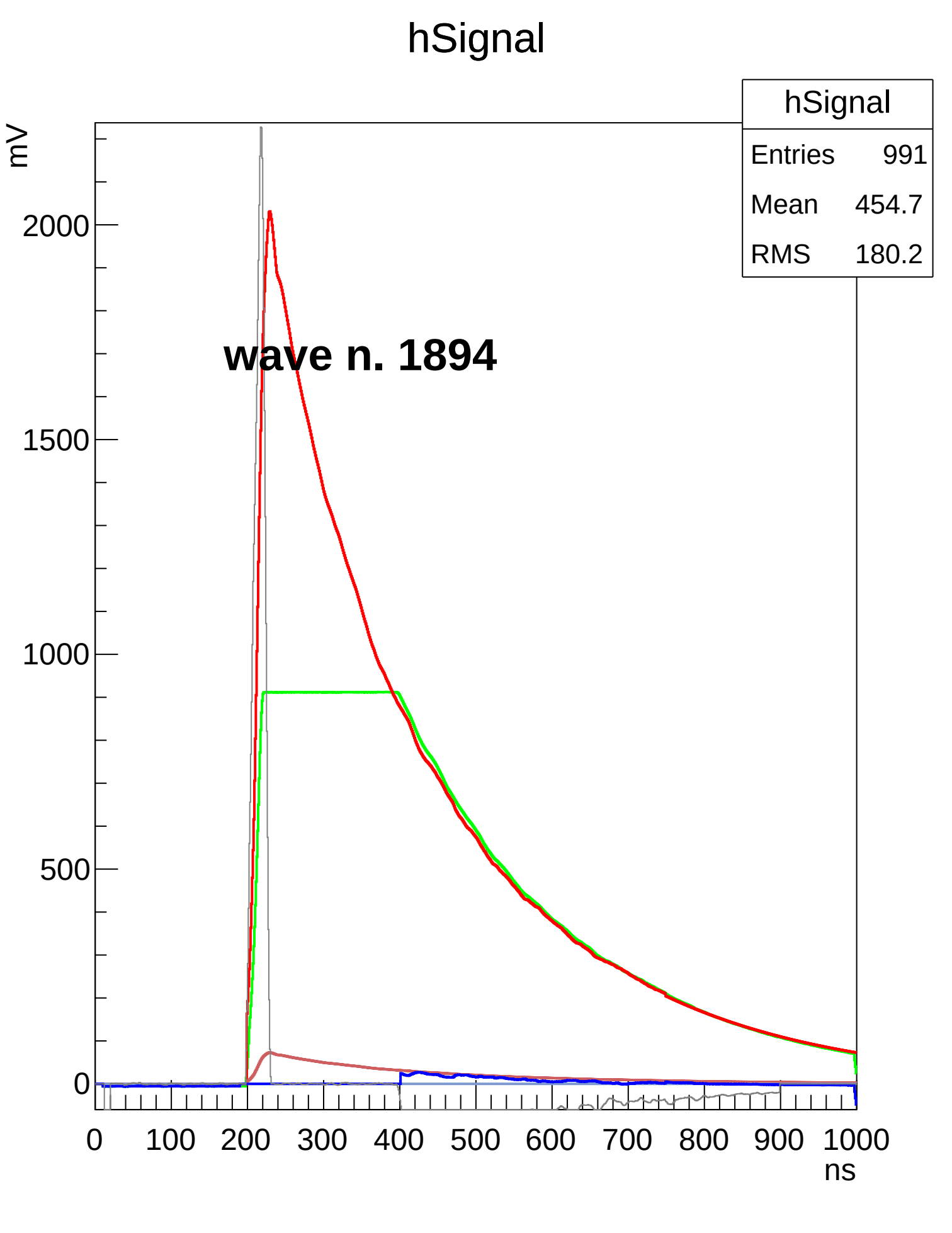

hSignal
hSignal
Entries 991
Mean 483
RMS 181.3
wave n. 1889
mV
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.6
RMS 197.5
wave n. 1890
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 430.2
RMS 174.3
wave n. 1891
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 525.7
RMS 157.9
wave n. 1892
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 572.8
RMS 149.4
wave n. 1893
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 454.7
RMS 180.2
wave n. 1894
mV
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1500
1000
500
0
0
100
200
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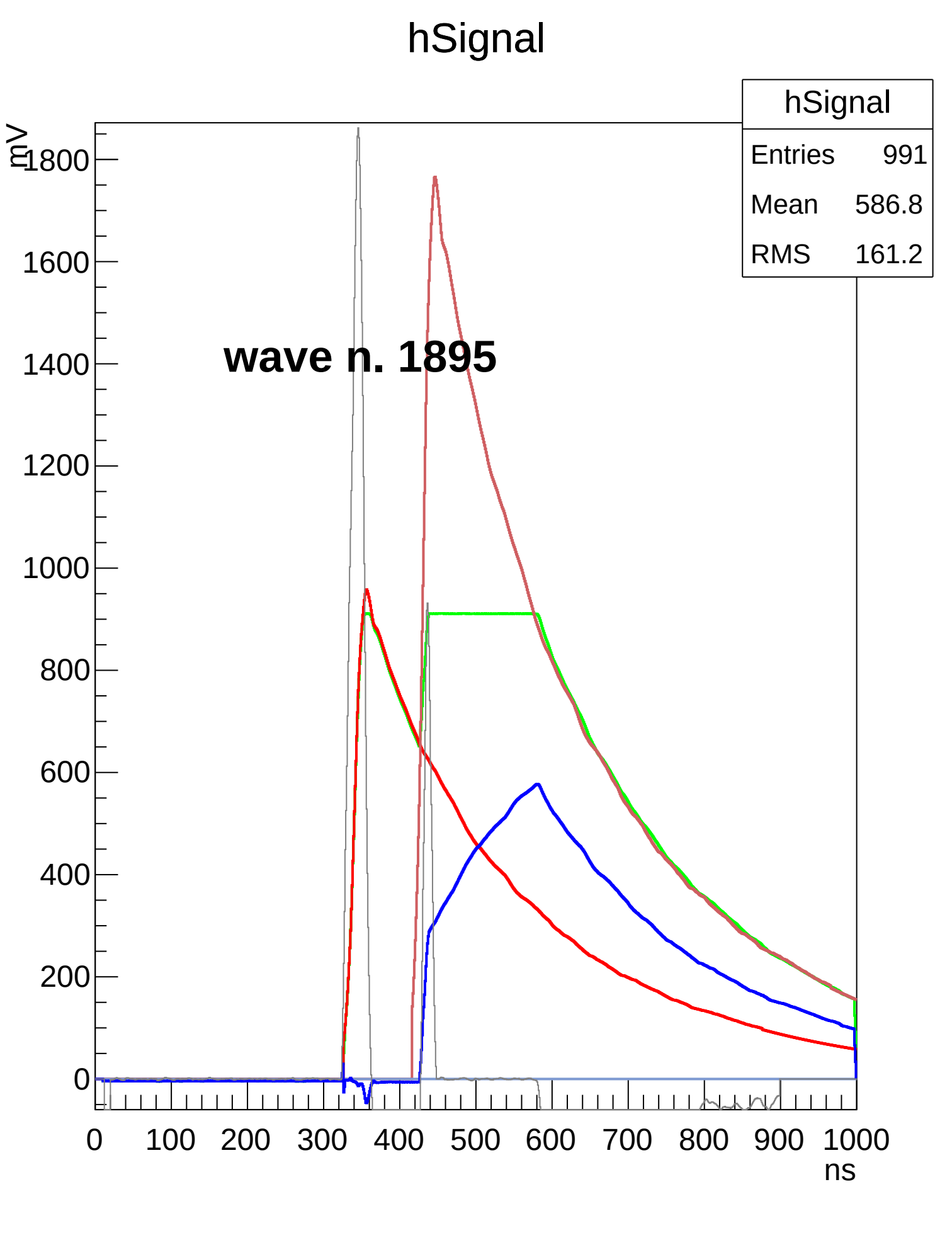
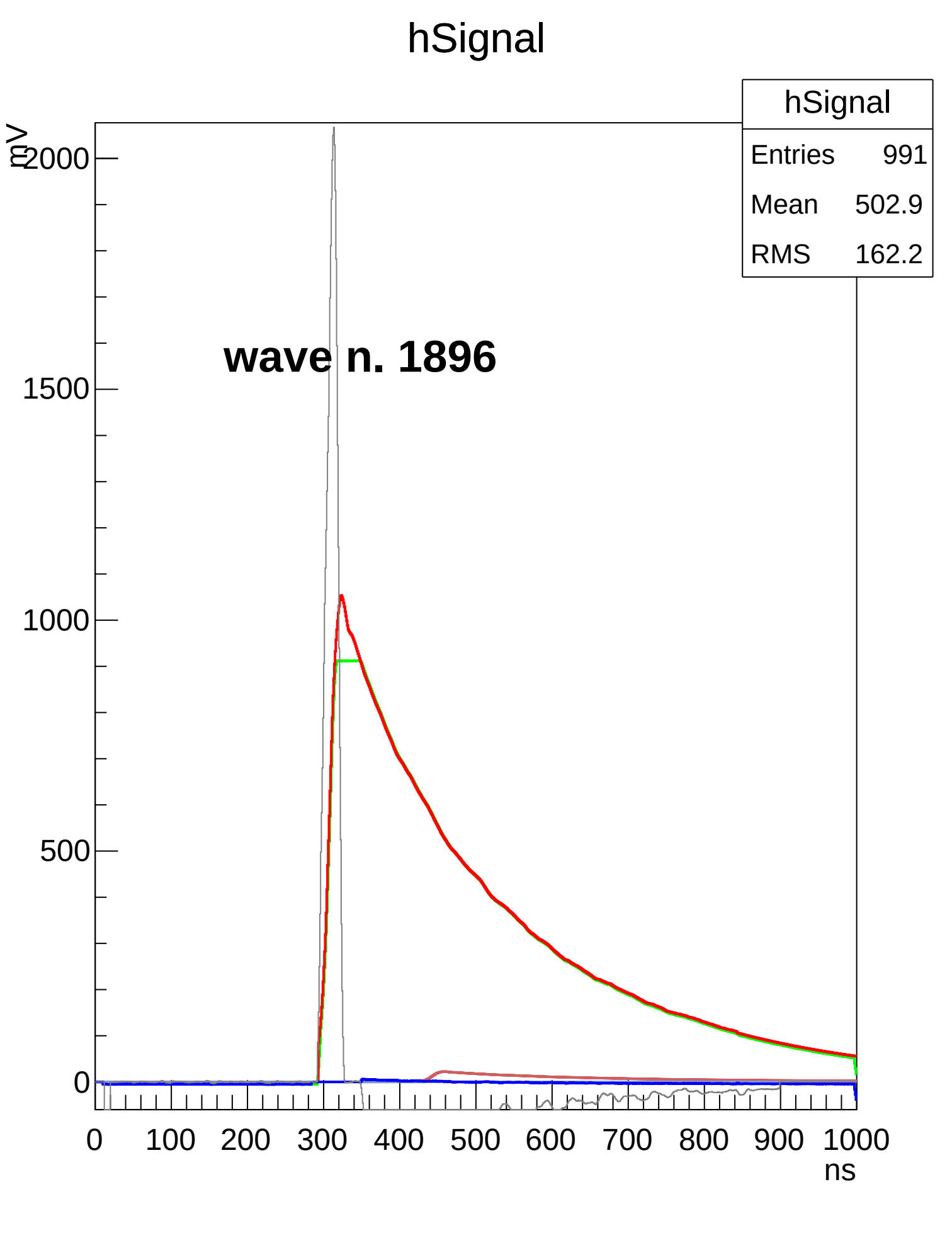
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586.8
RMS 161.2
wave n. 1895
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 502.9
RMS 162.2
wave n. 1896
mV
2000
1500
1000
500
0
0
100
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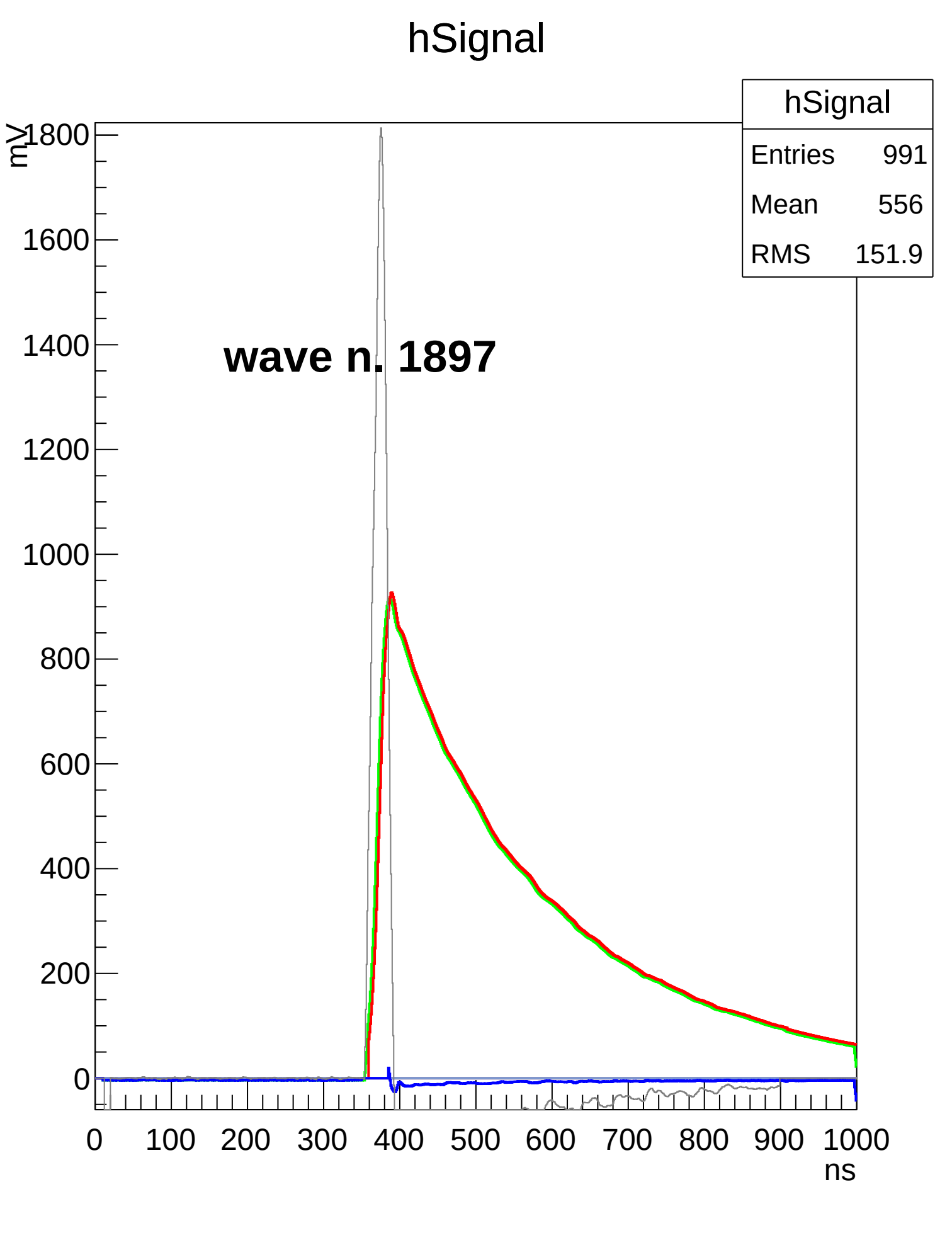
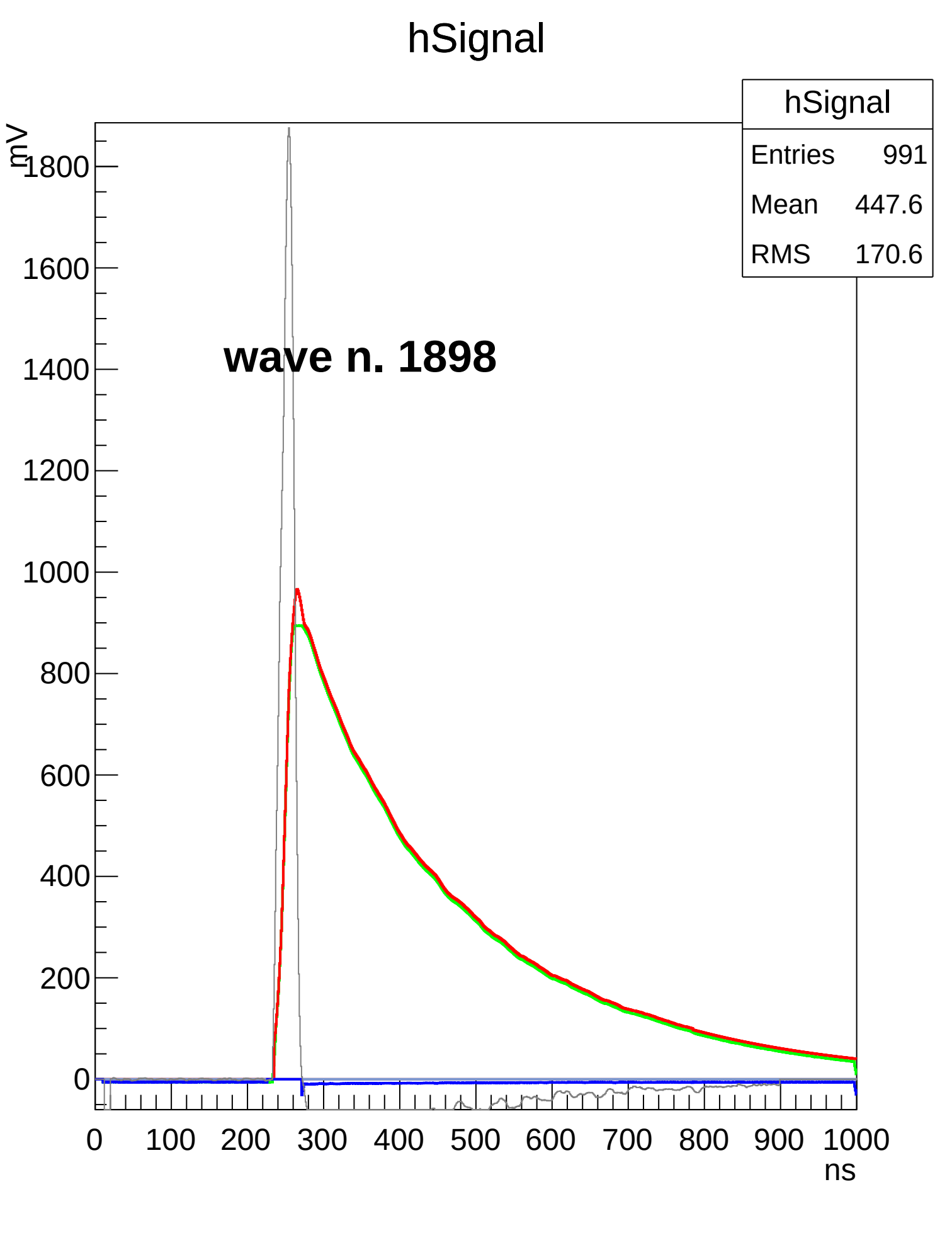
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556
RMS 151.9
wave n. 1897
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 447.6
RMS 170.6
wave n. 1898
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
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600
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800
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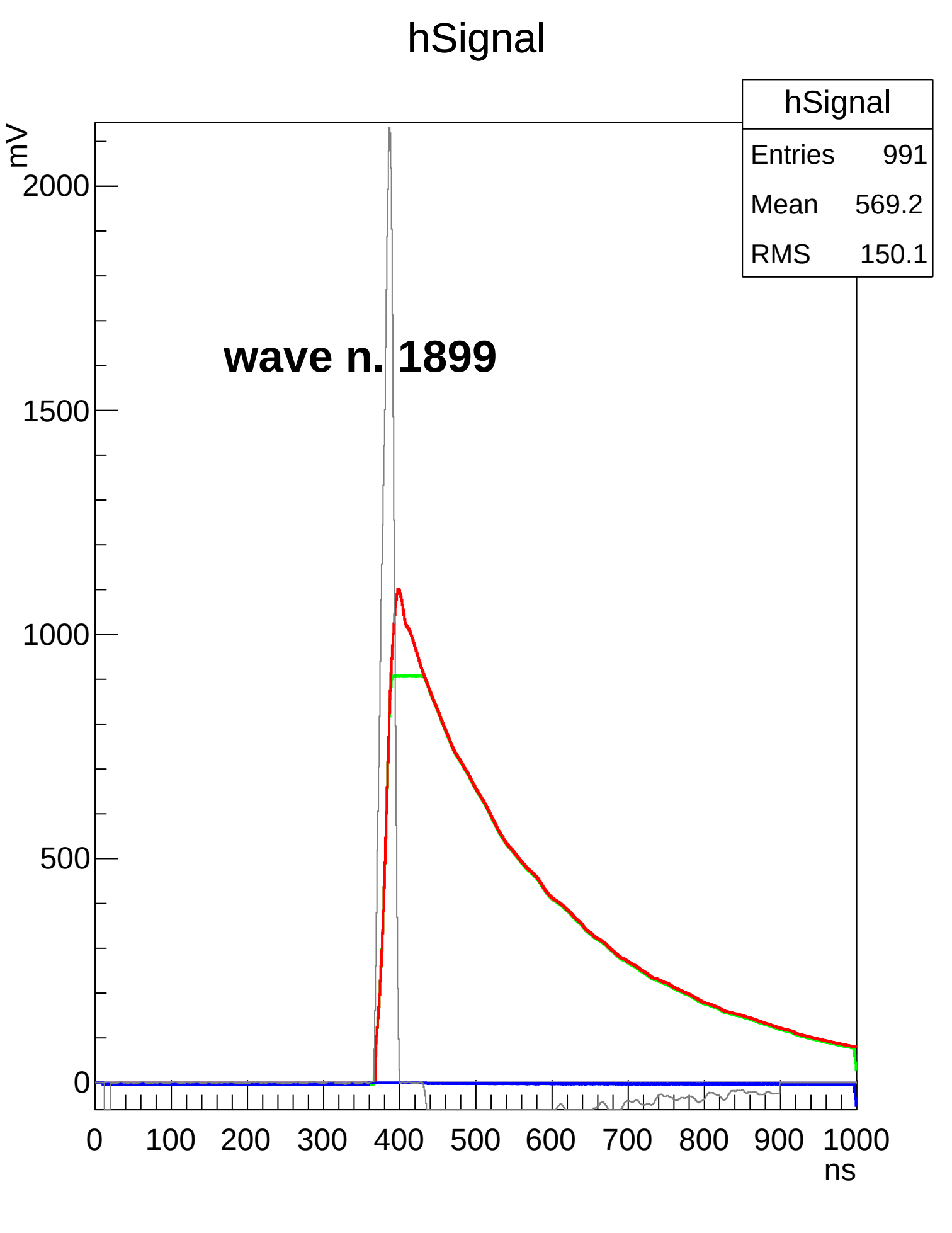
1000
ns


hSignal
hSignal
Entries 991
Mean 569.2
RMS 150.1
wave n. 1899
mV
2000
1500
1000
500
0
0
100
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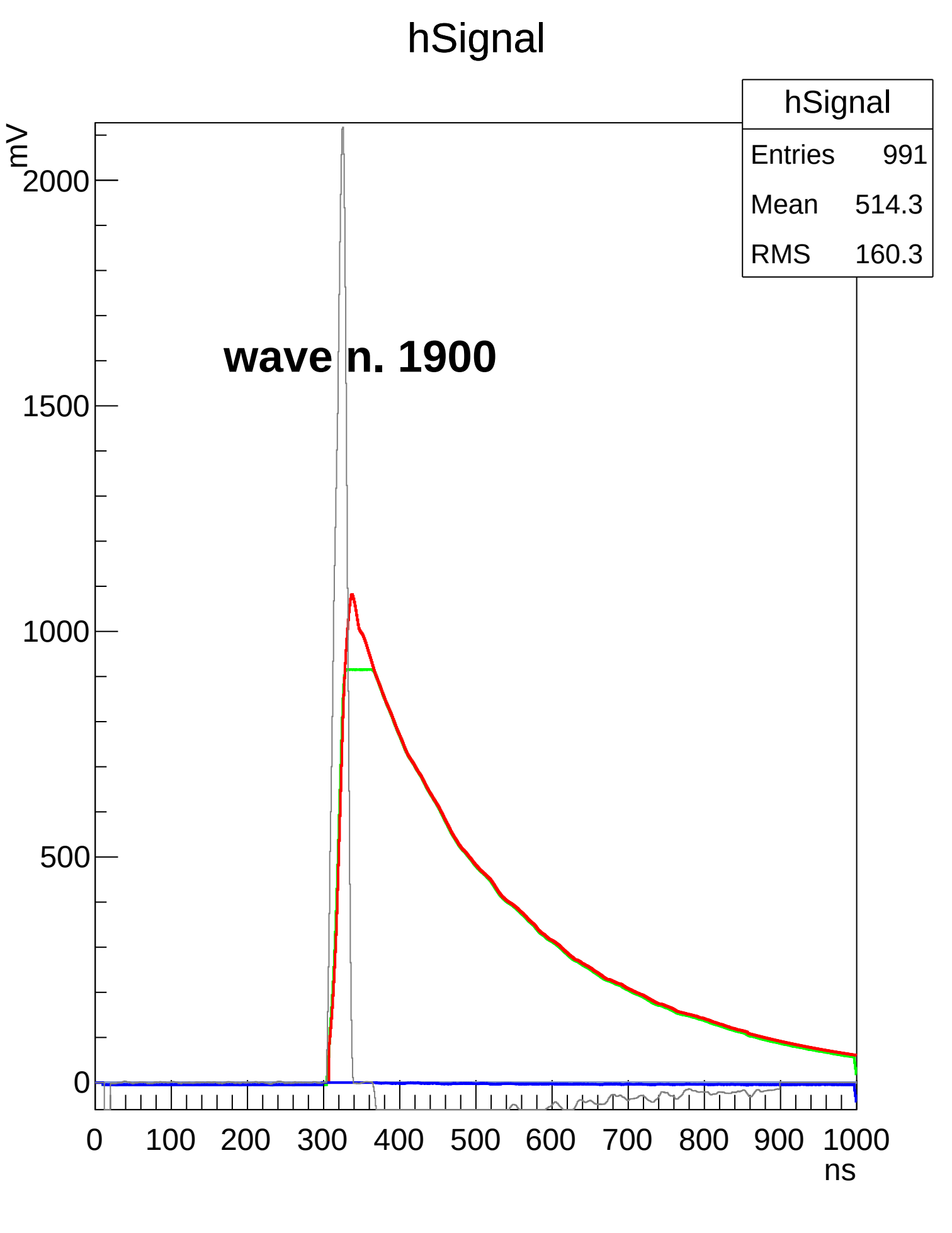
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 514.3
RMS 160.3
wave n. 1900
mV
2000
1500
1000
500
0
0
100
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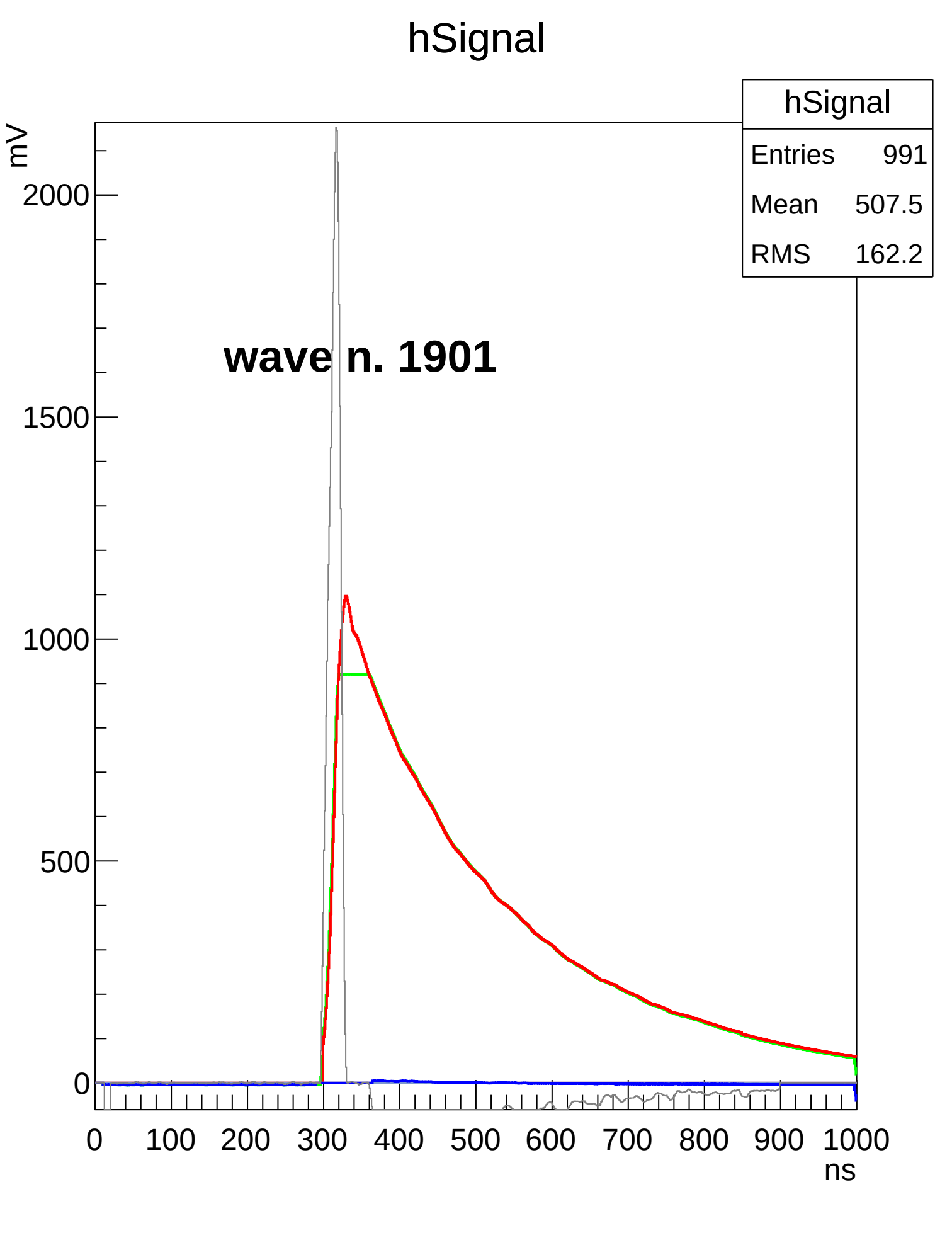
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507.5
RMS 162.2
wave n. 1901
mV
2000
1500
1000
500
0
0
100
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400
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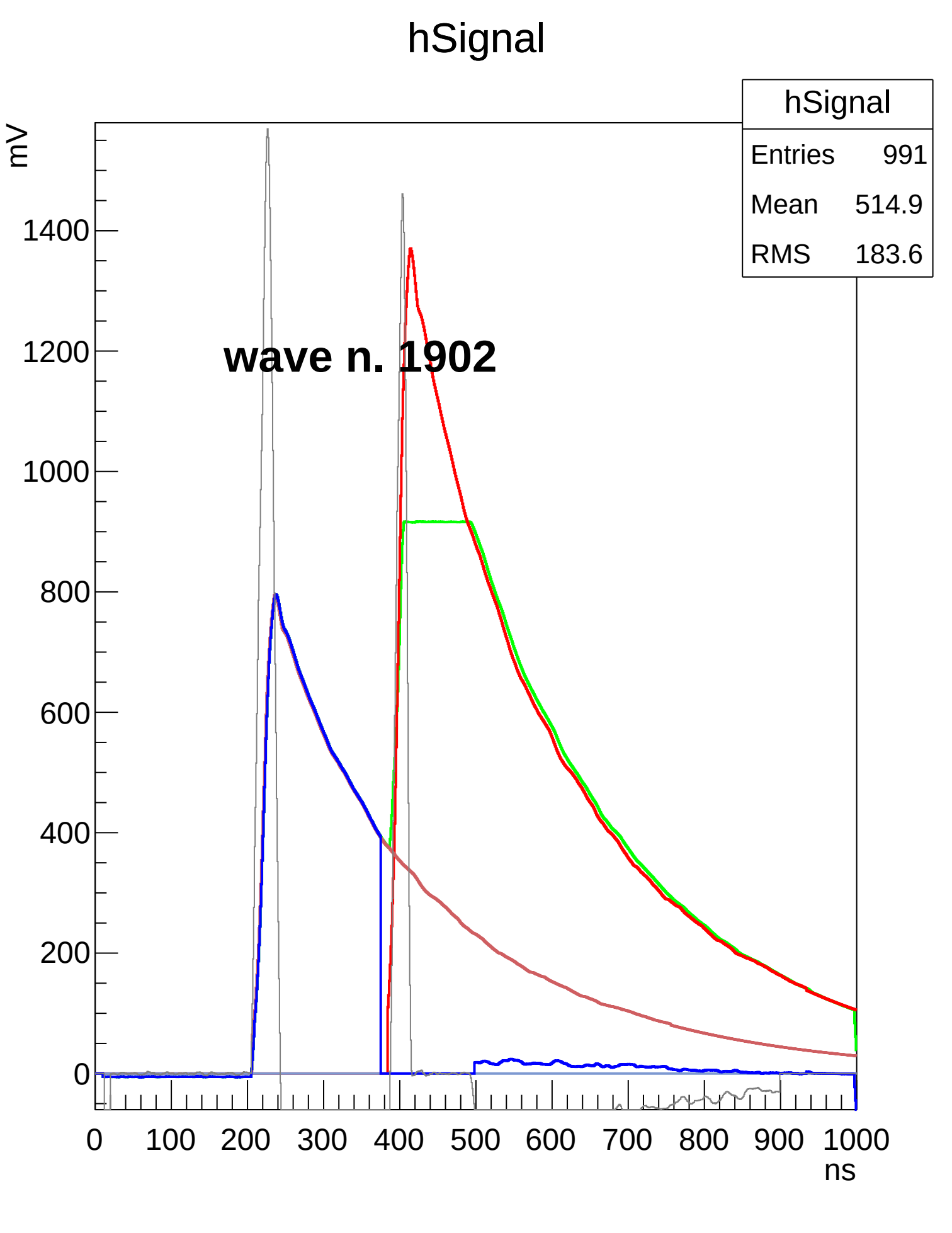
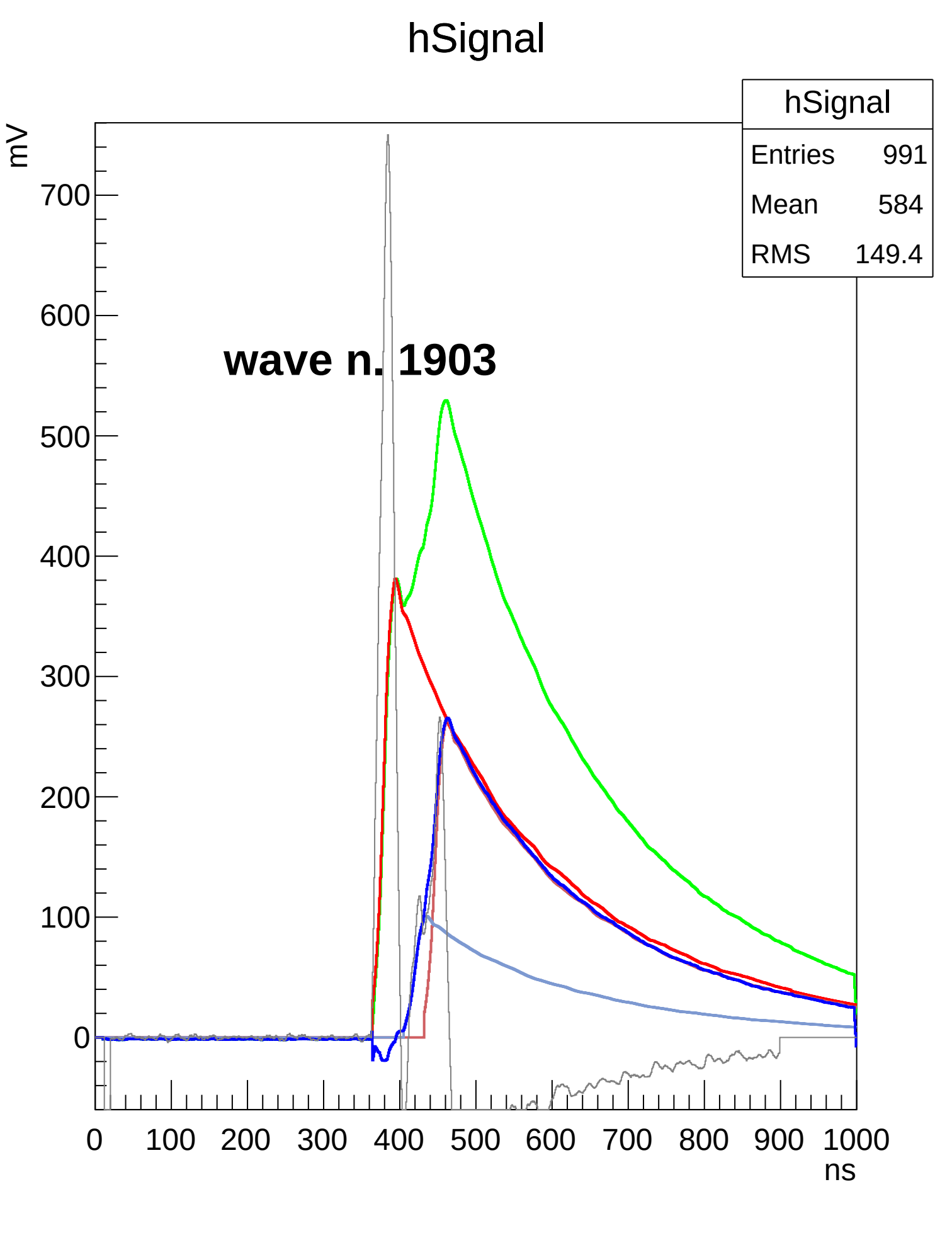
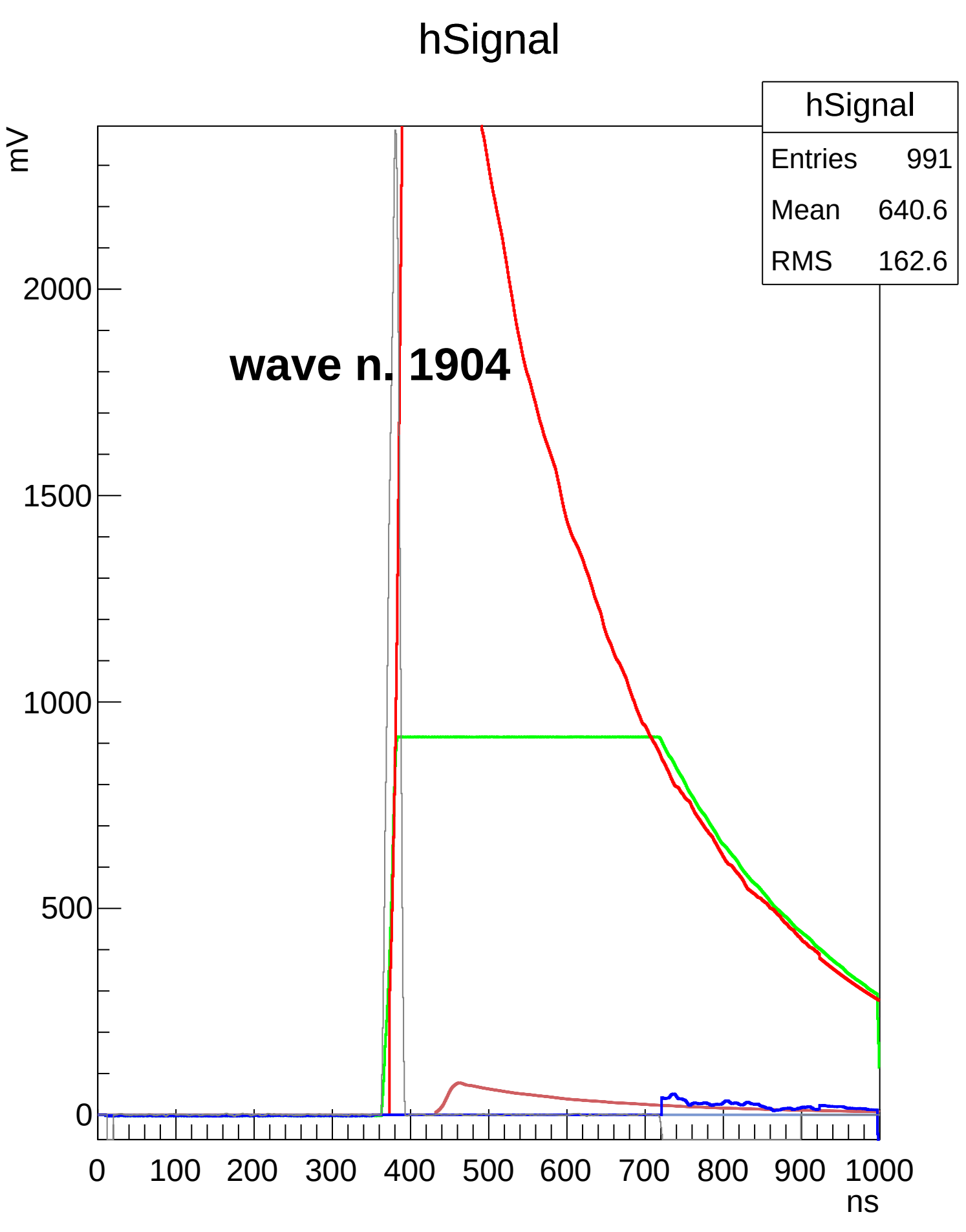
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 514.9
RMS 183.6
wave n. 1902
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 584
RMS 149.4
wave n. 1903
mV
700
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 640.6
RMS 162.6
wave n. 1904
mV
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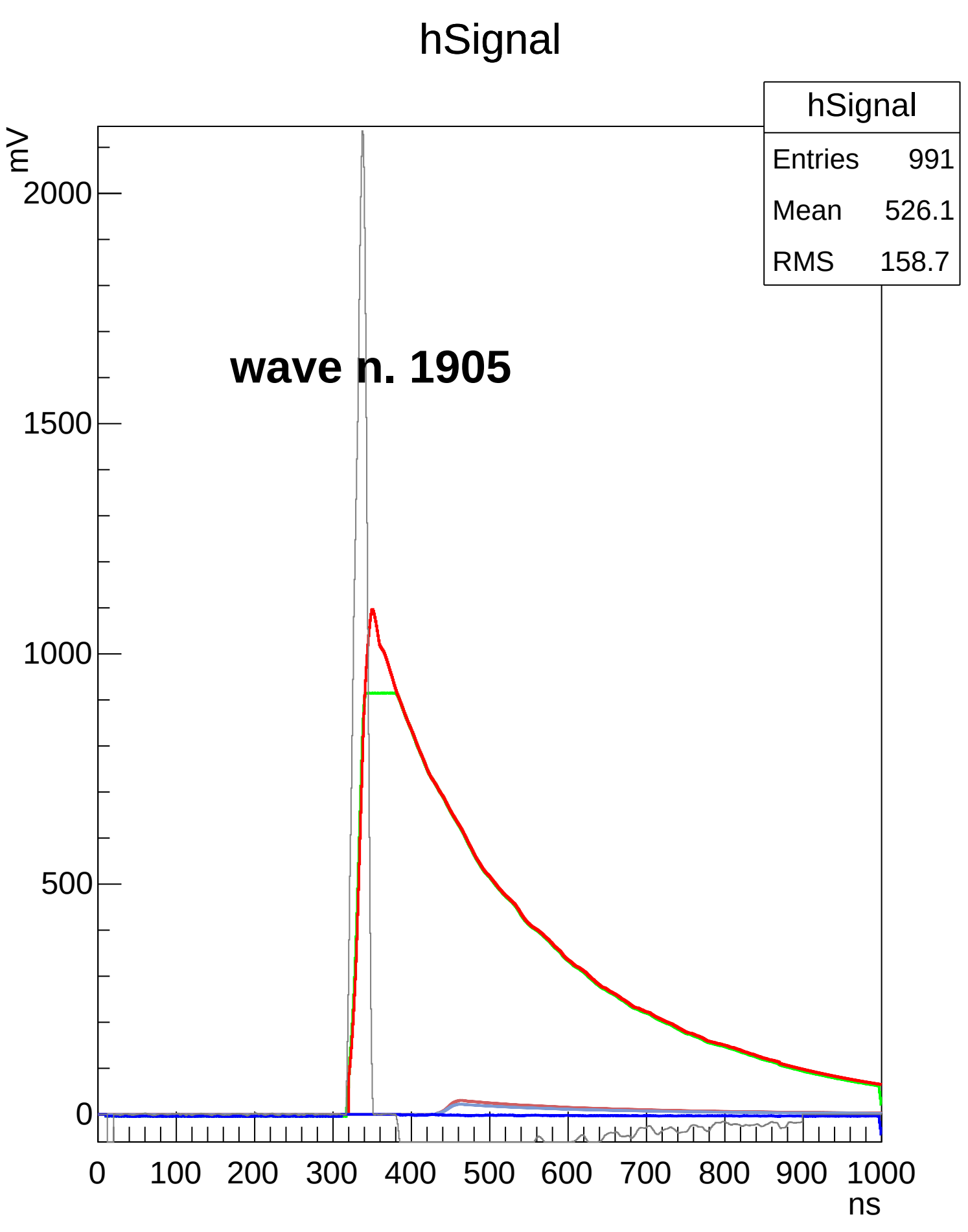
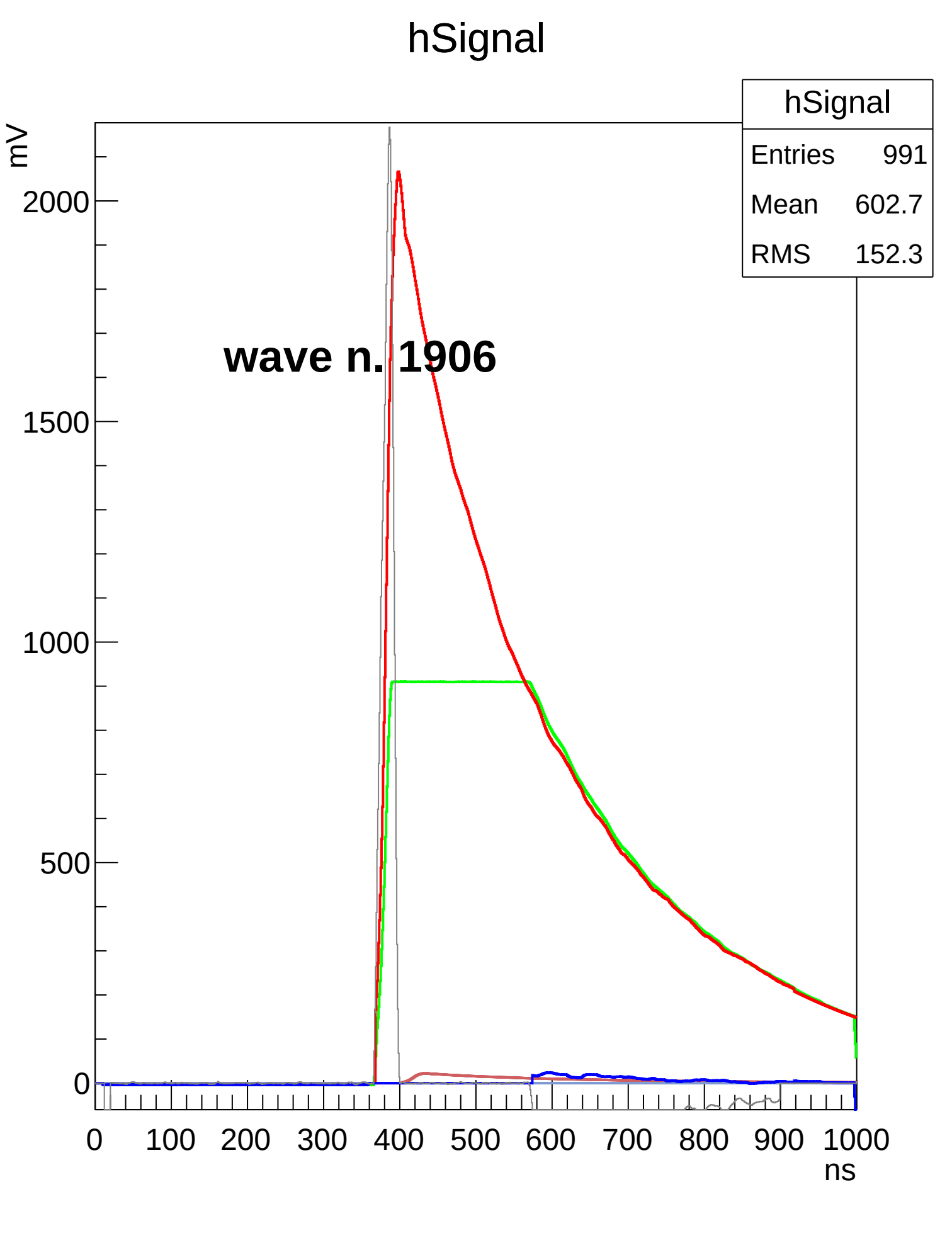
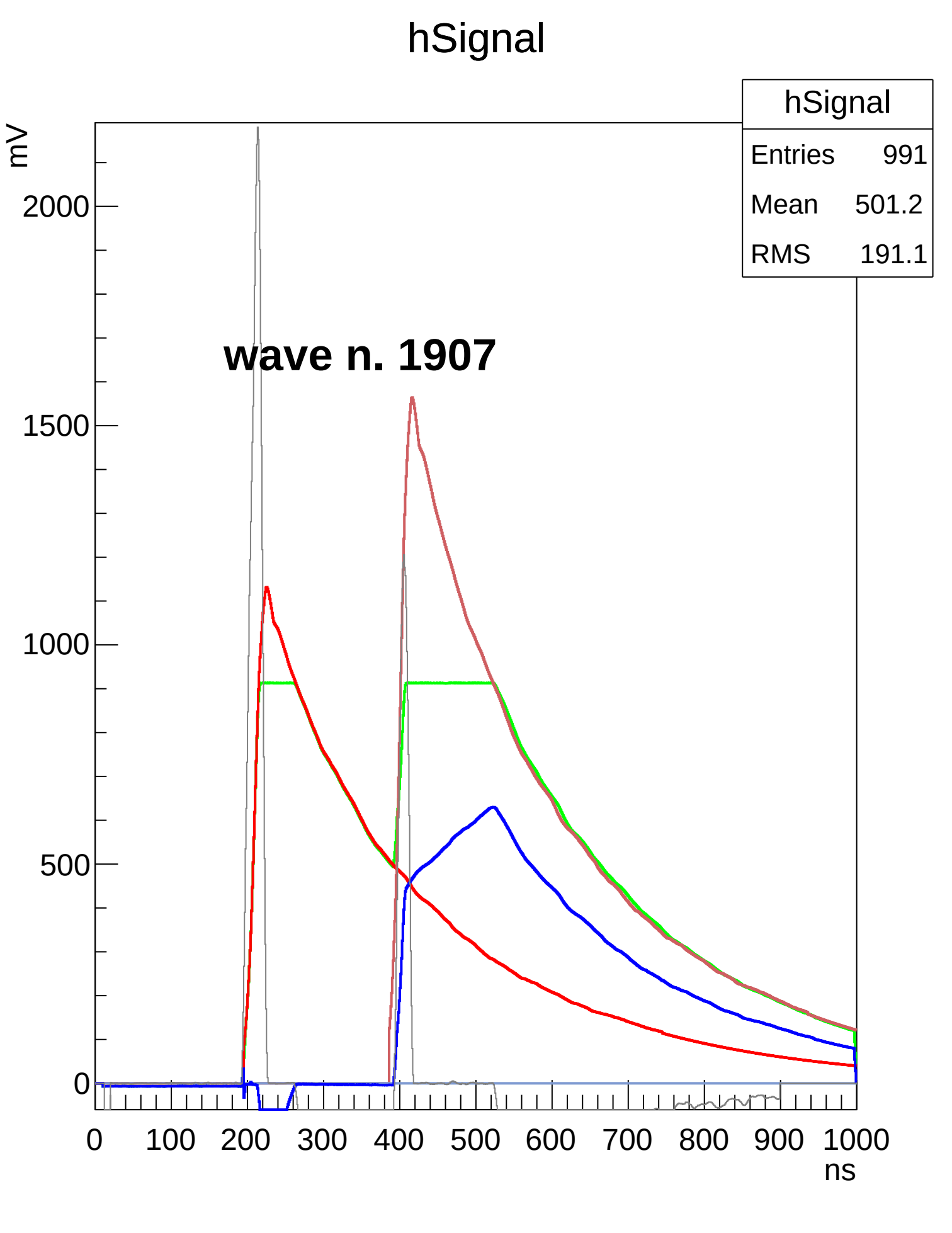
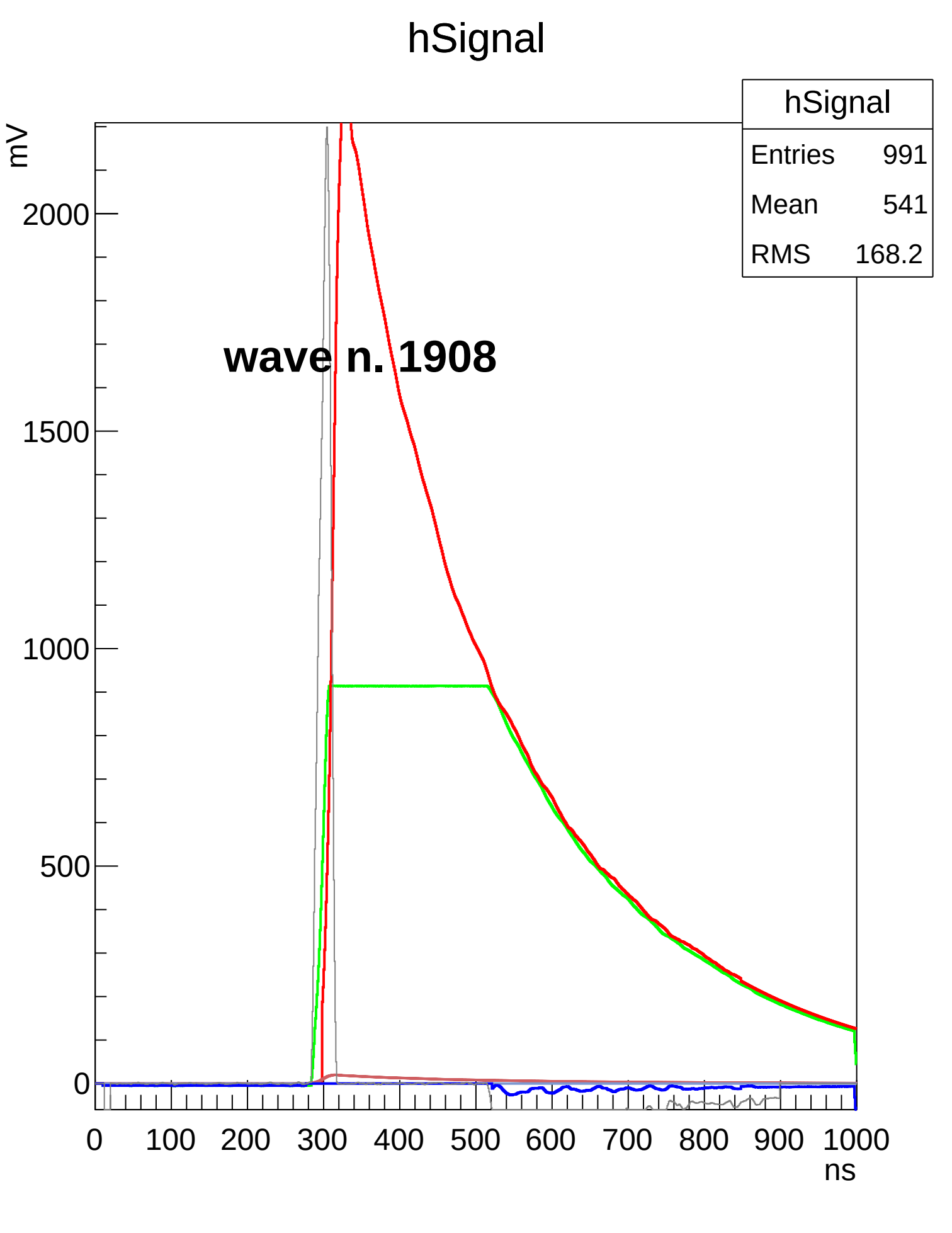
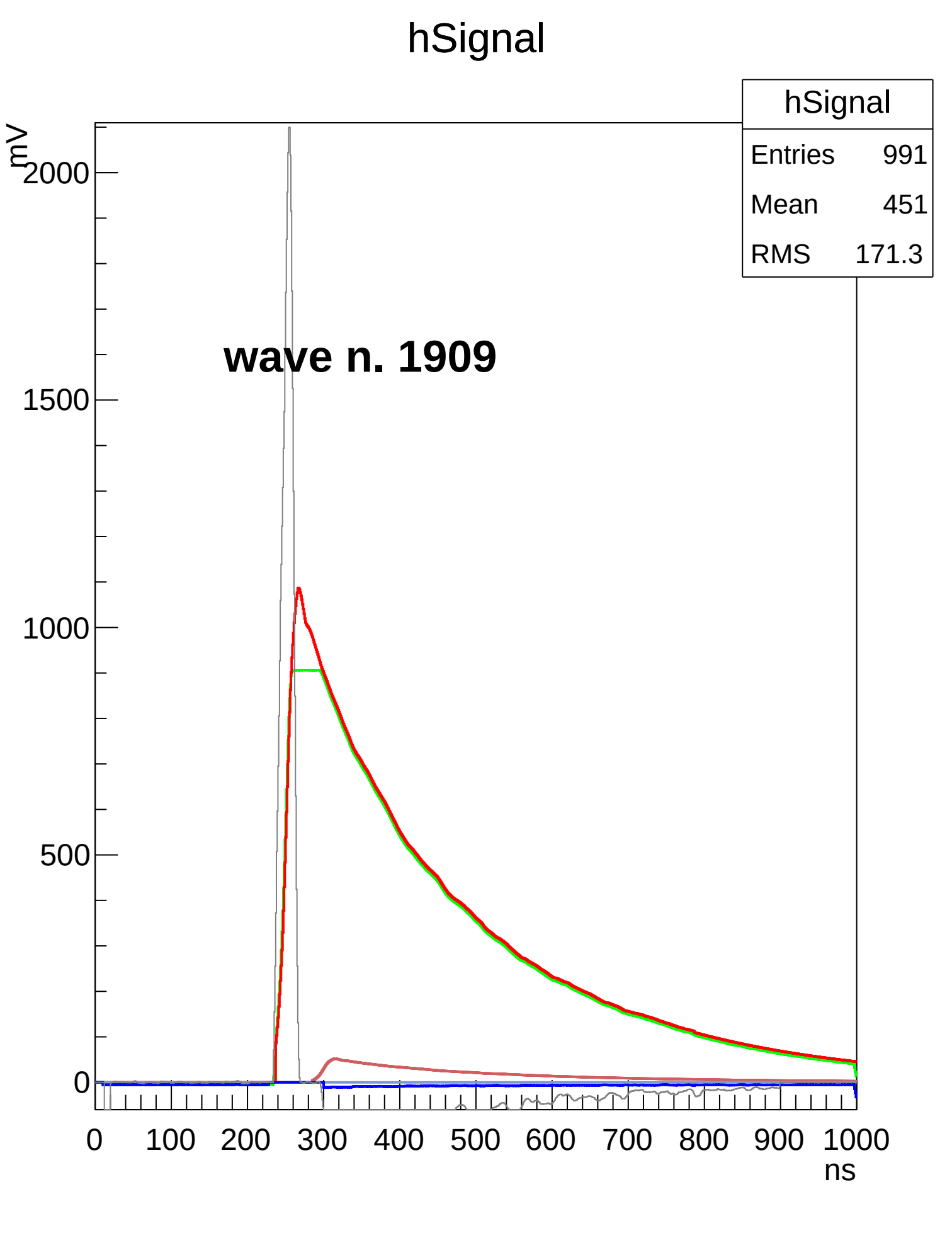
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

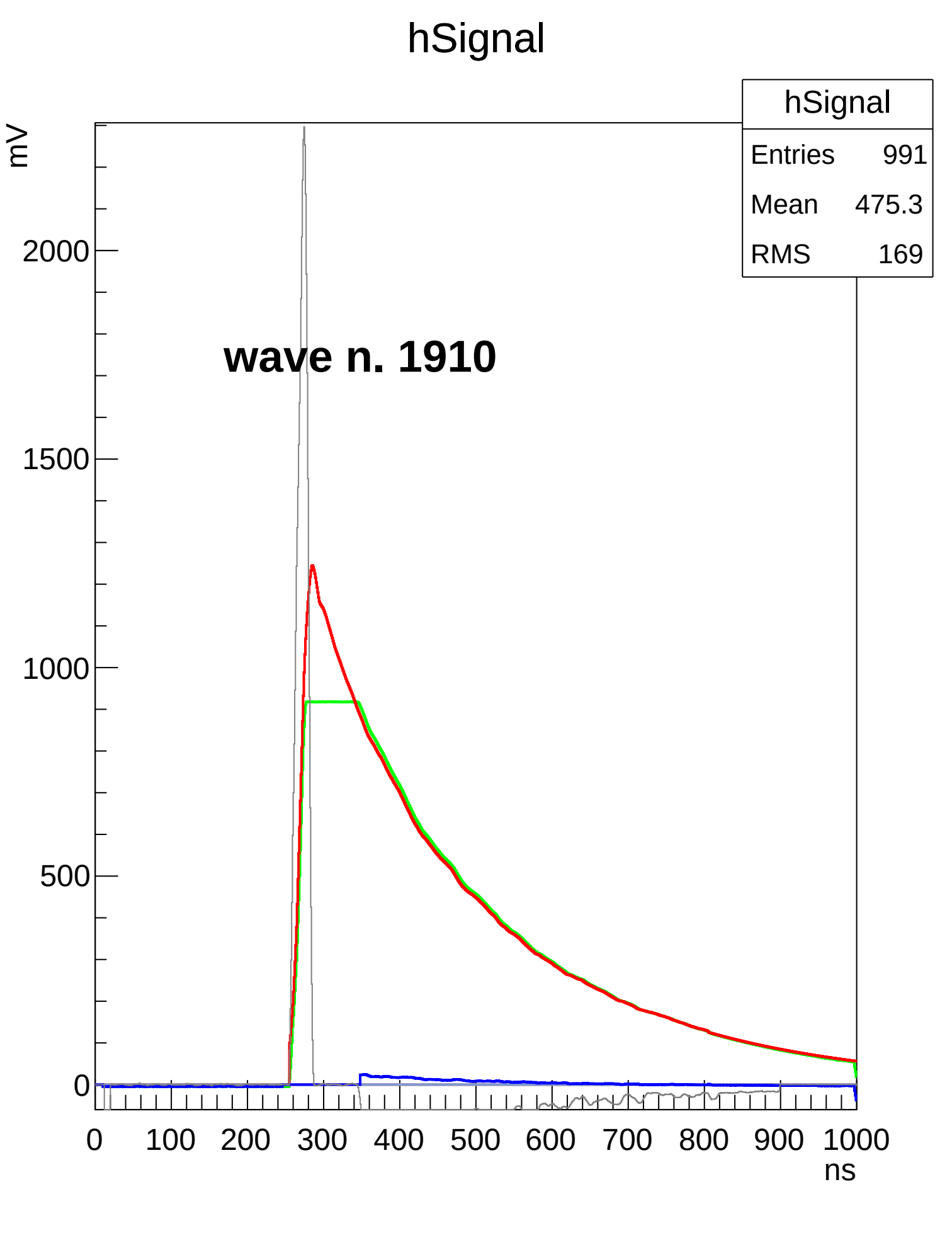

hSignal
hSignal
Entries 991
Mean 526.1
RMS 158.7
wave n. 1905
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

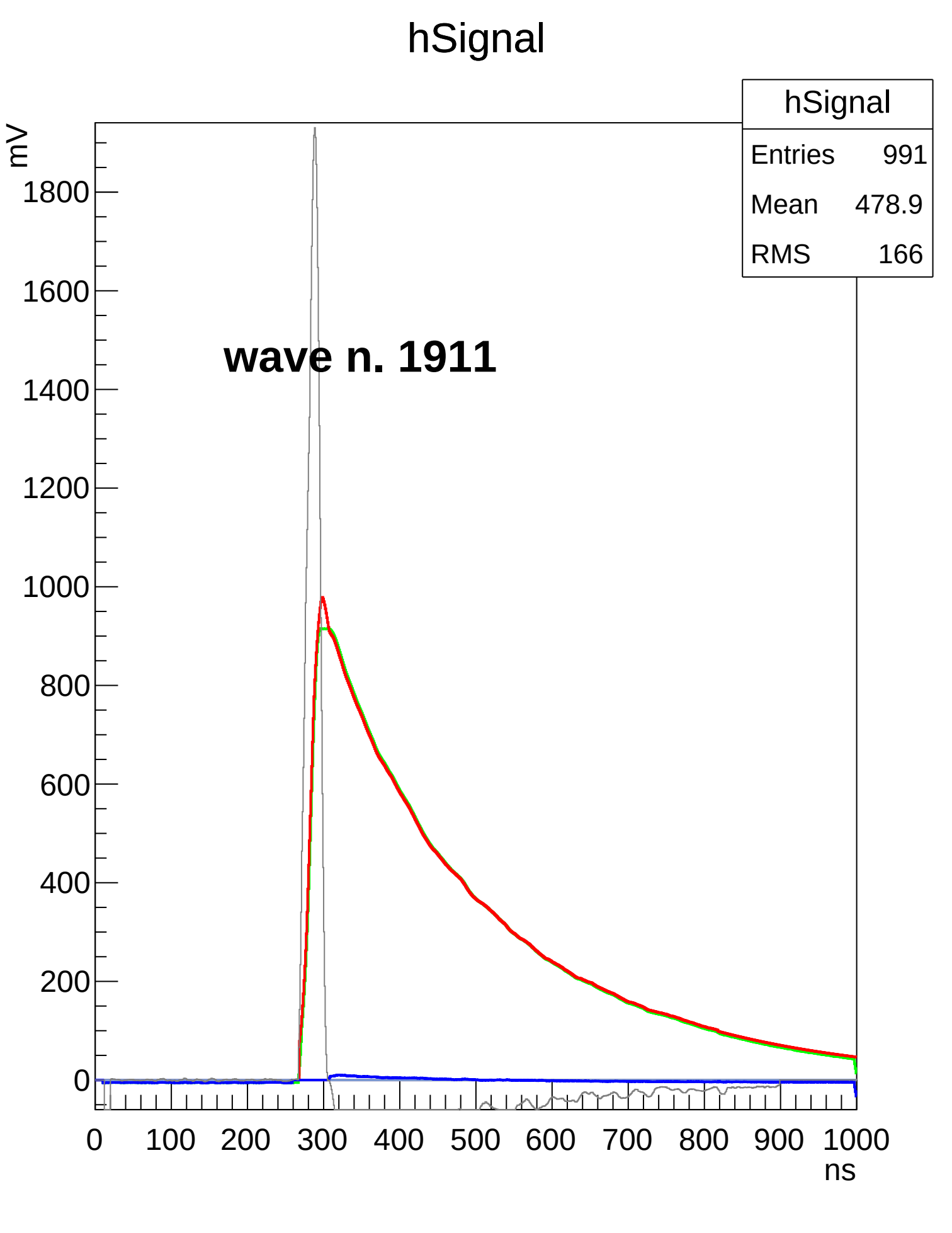

hSignal
hSignal
Entries 991
Mean 602.7
RMS 152.3
wave n. 1906
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

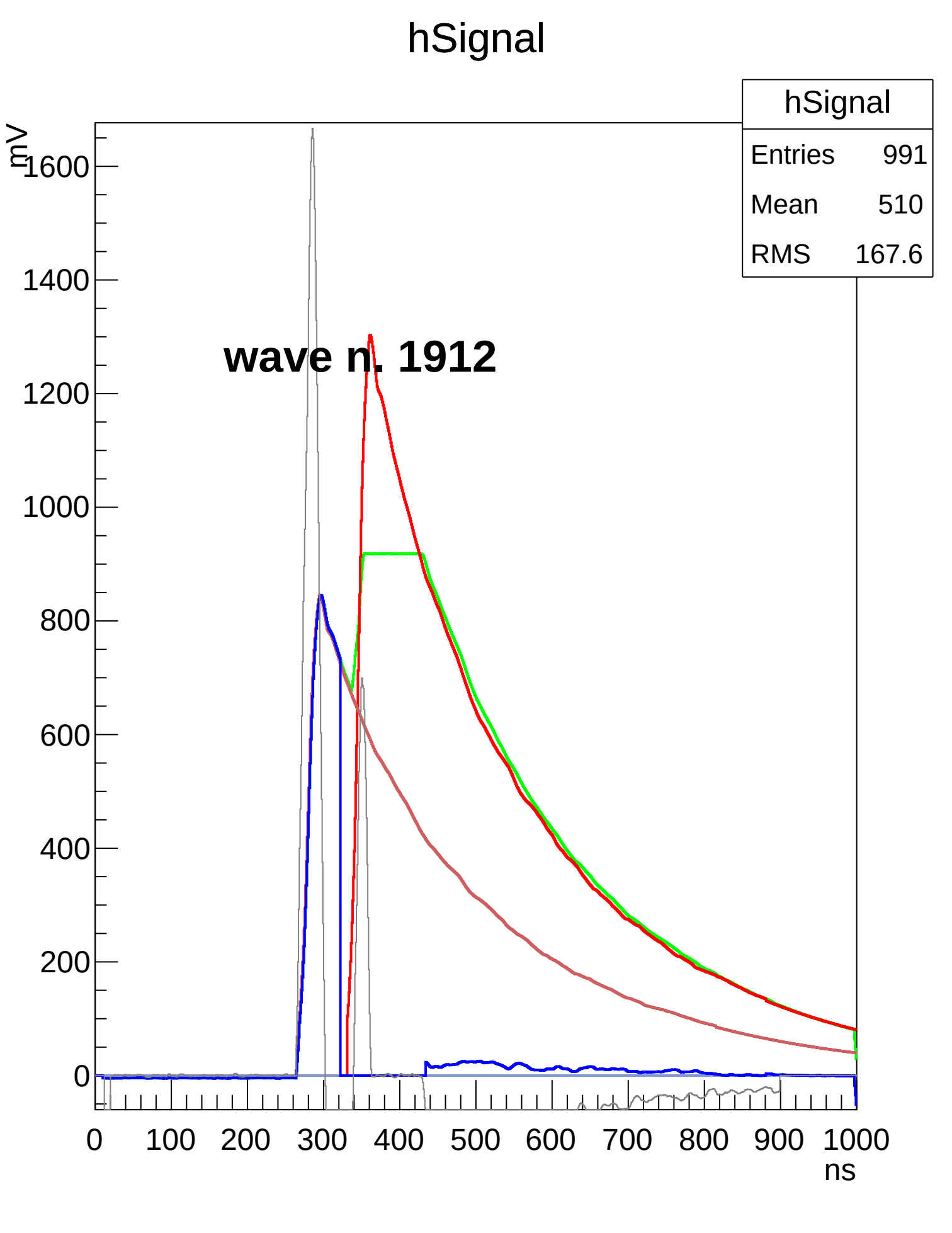

hSignal
hSignal
Entries 991
Mean 501.2
RMS 191.1
wave n. 1907
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

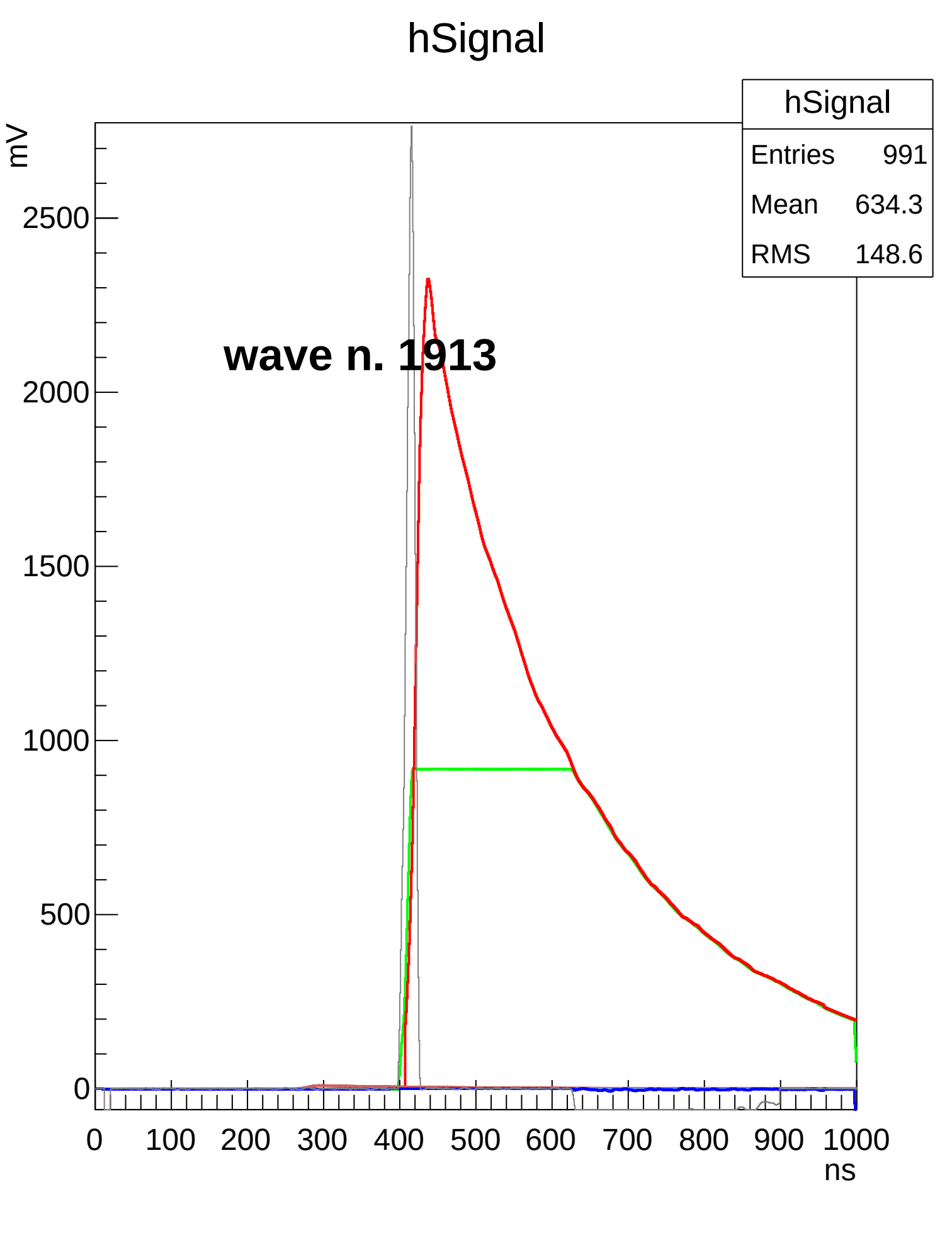

hSignal
hSignal
Entries 991
Mean 541
RMS 168.2
wave n. 1908
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

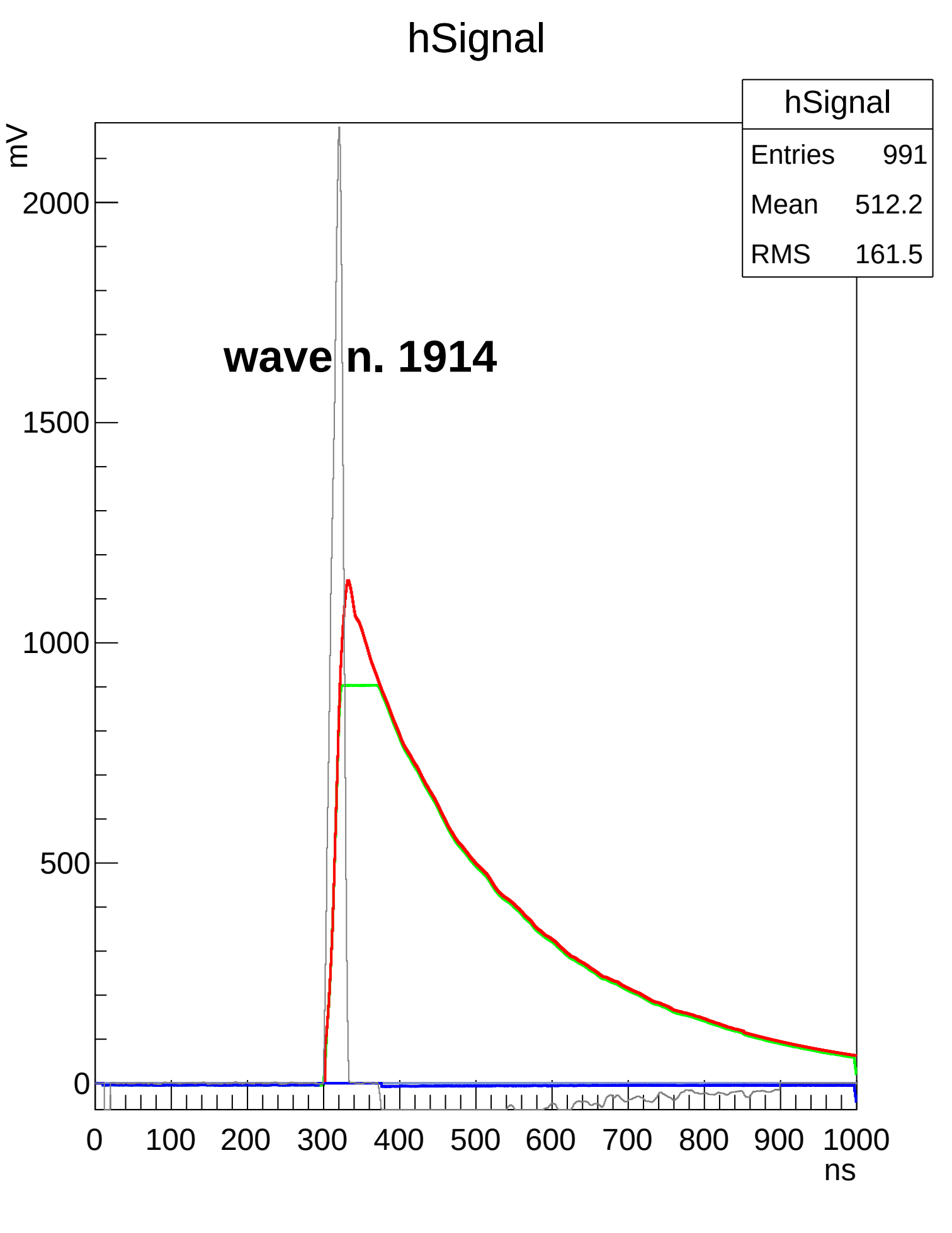

hSignal
hSignal
Entries 991
Mean 451
RMS 171.3
wave n. 1909
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

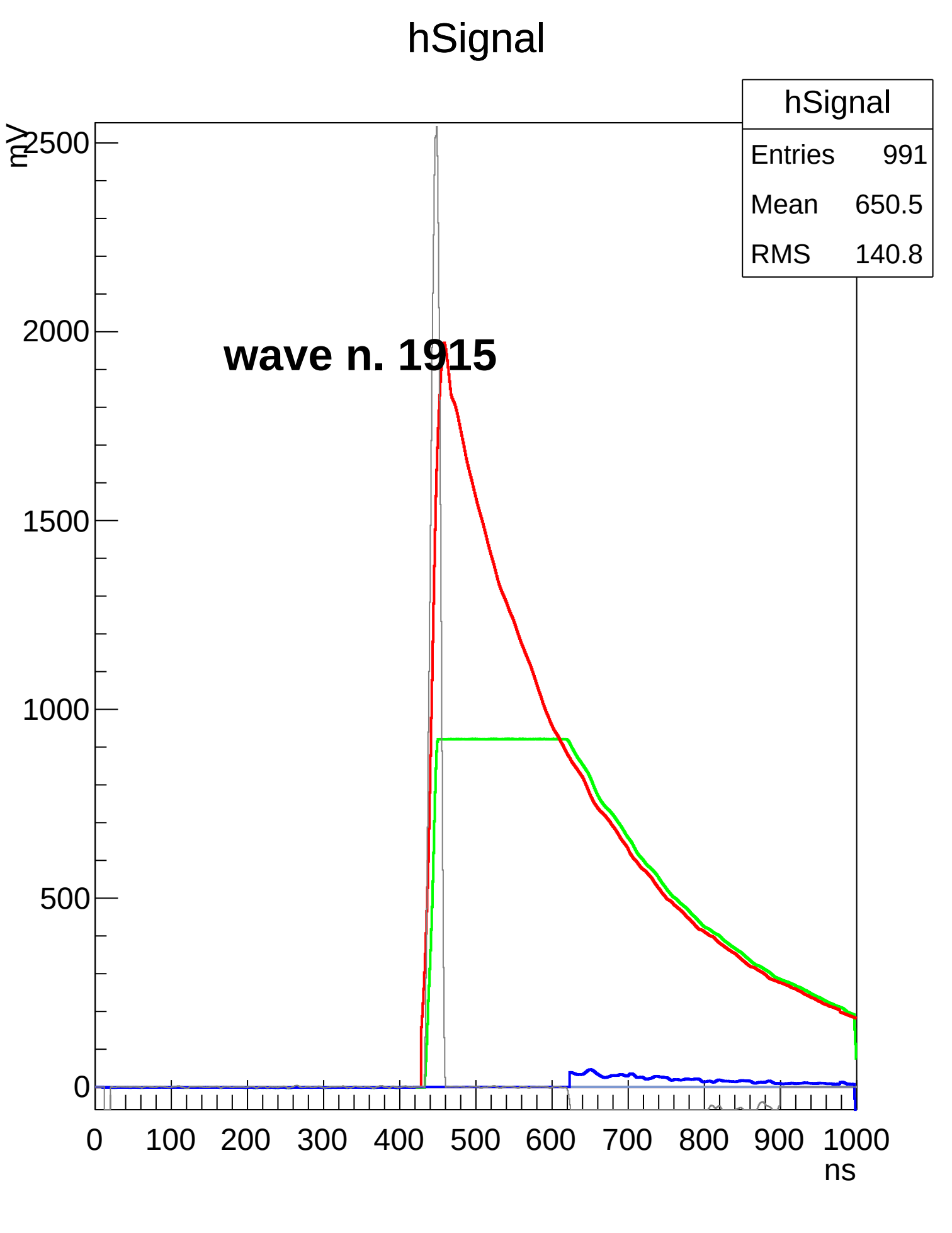

hSignal
hSignal
Entries 991
Mean 475.3
RMS 169
wave n. 1910
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

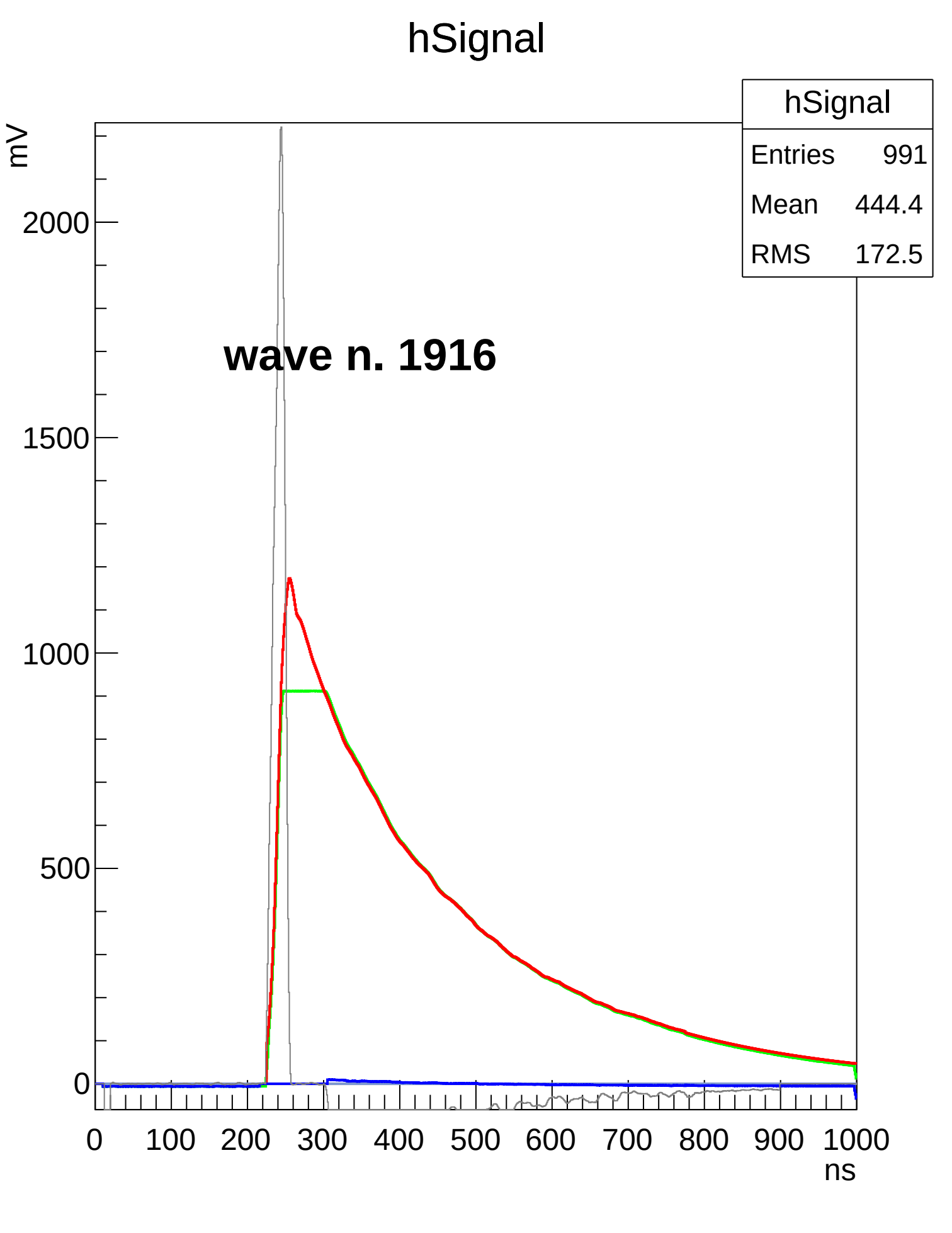

hSignal
hSignal
Entries 991
Mean 478.9
RMS 166
wave n. 1911
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

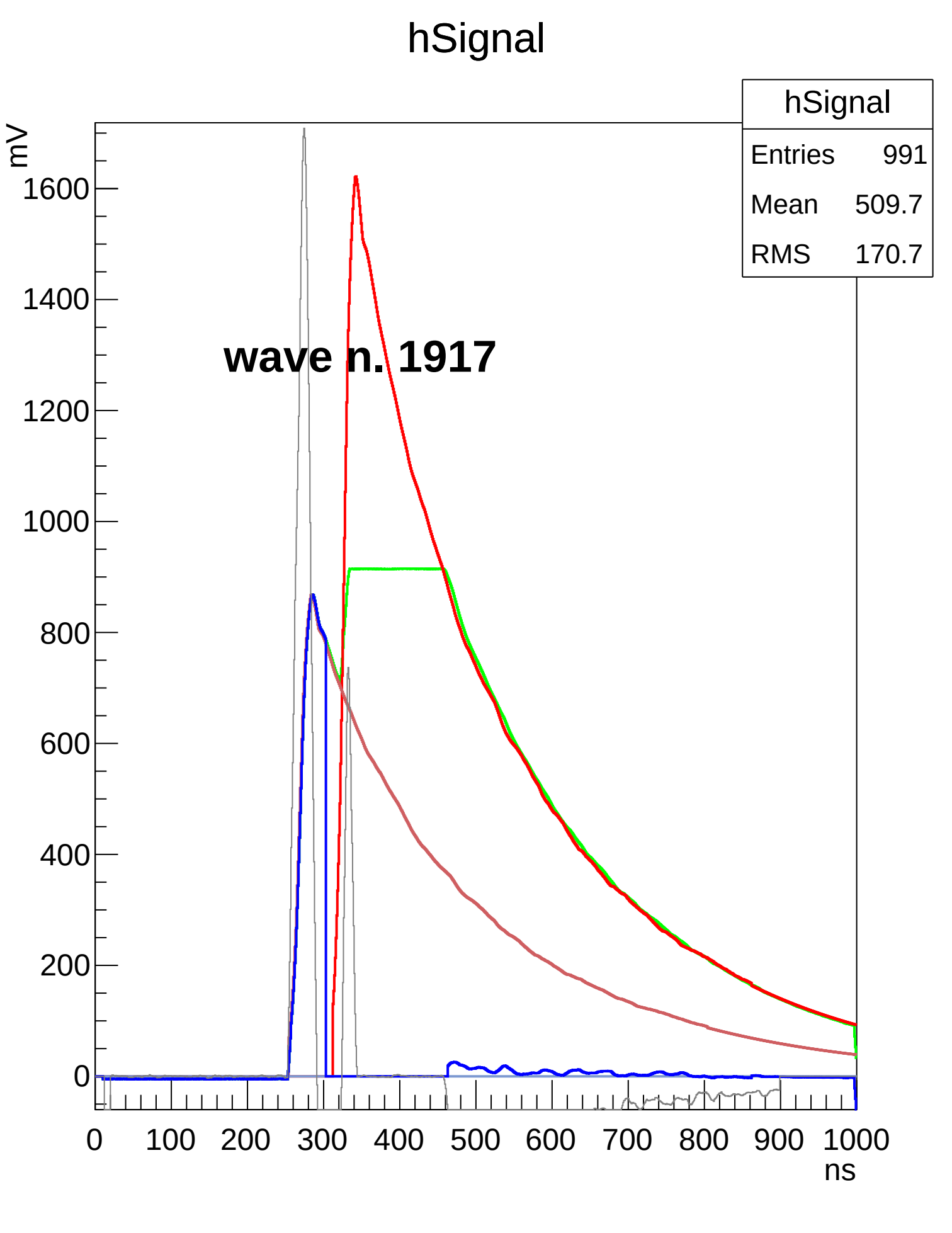

hSignal
hSignal
Entries 991
Mean 510
RMS 167.6
wave n. 1912
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

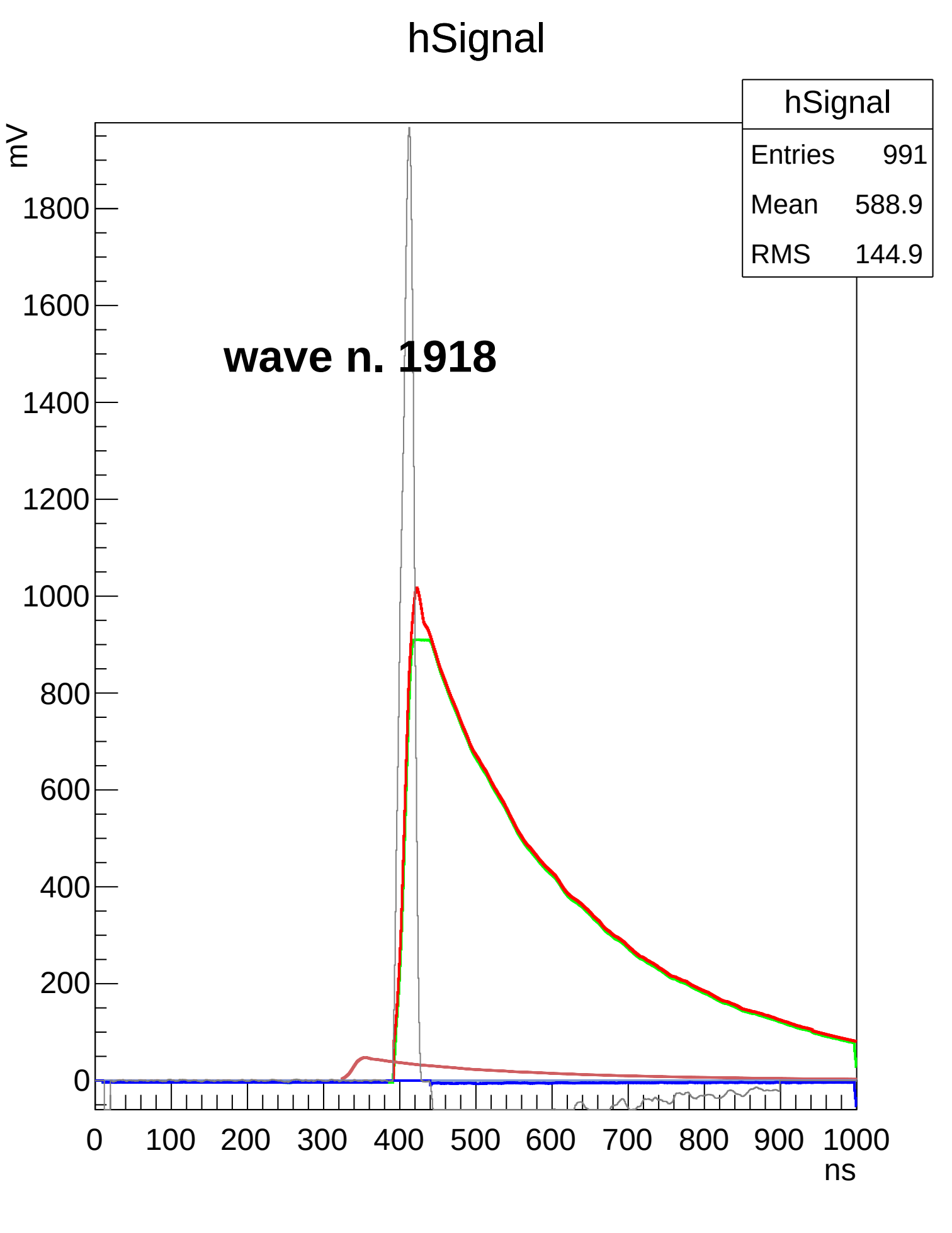

hSignal
hSignal
Entries 991
Mean 634.3
RMS 148.6
wave n. 1913
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

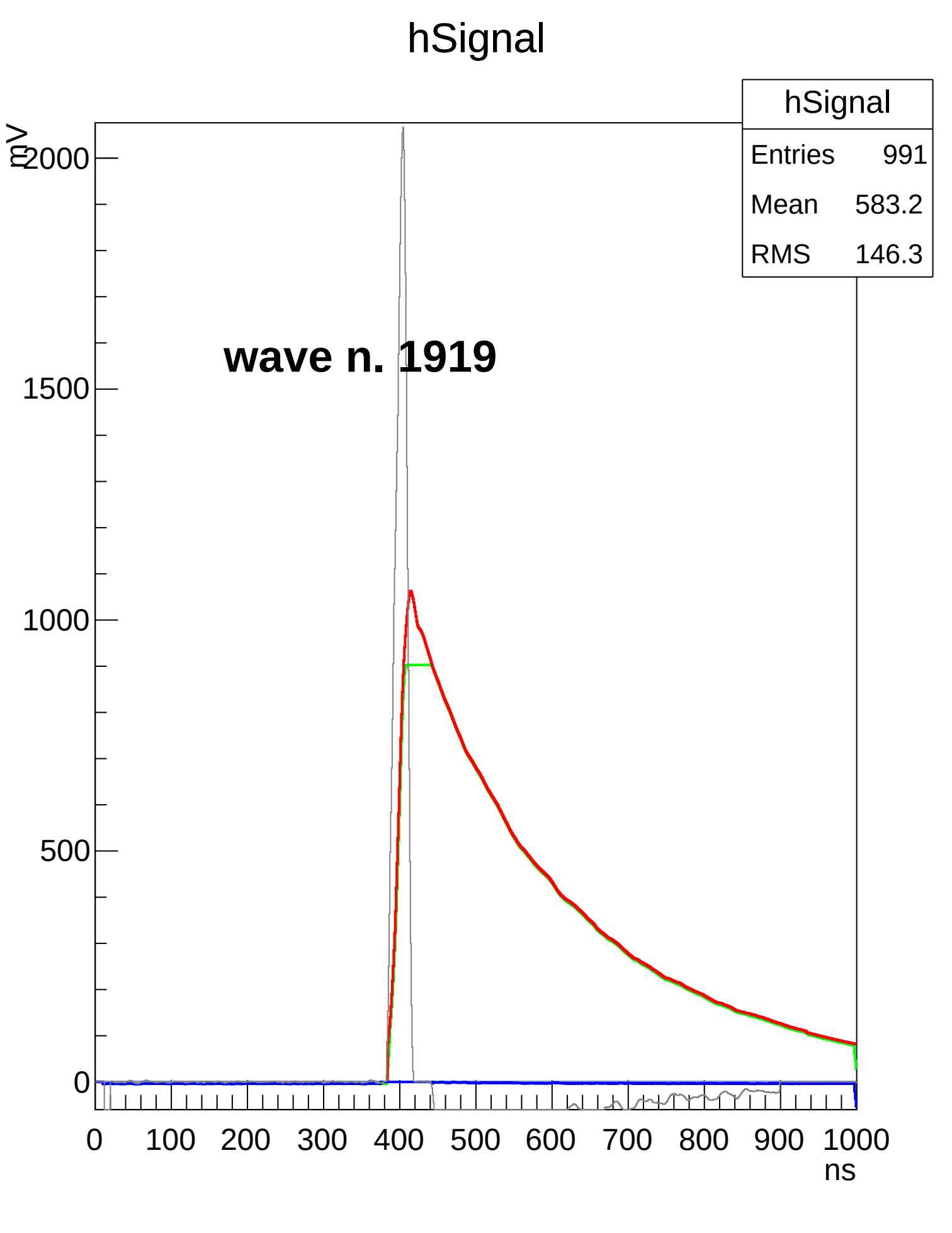

hSignal
hSignal
Entries 991
Mean 512.2
RMS 161.5
wave n. 1914
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 650.5
RMS 140.8
wave n. 1915
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 444.4
RMS 172.5
wave n. 1916
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 509.7
RMS 170.7
wave n. 1917
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 588.9
RMS 144.9
wave n. 1918
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 583.2
RMS 146.3
wave n. 1919
mV
2000
1500
1000
500
0
0
100
200
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400
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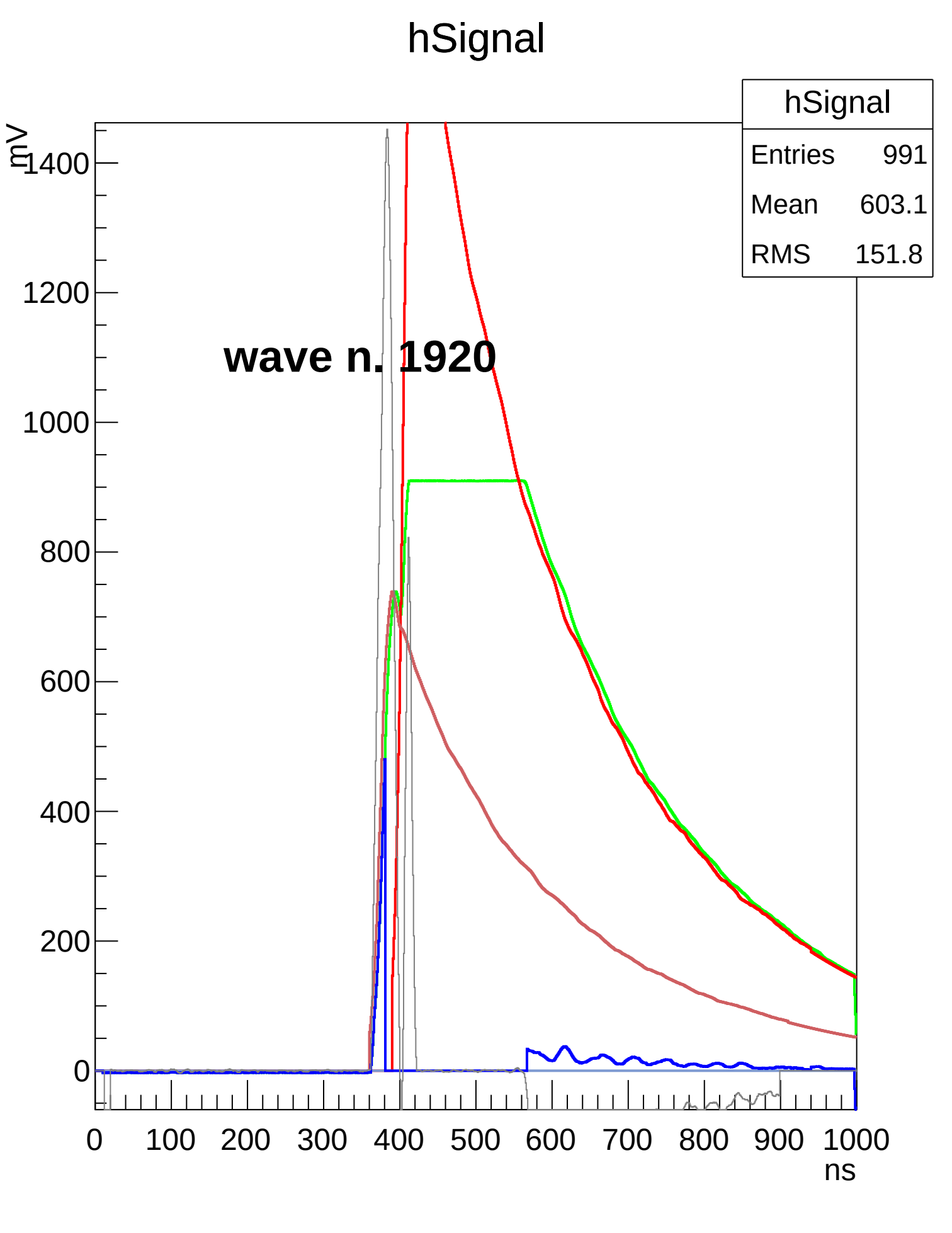
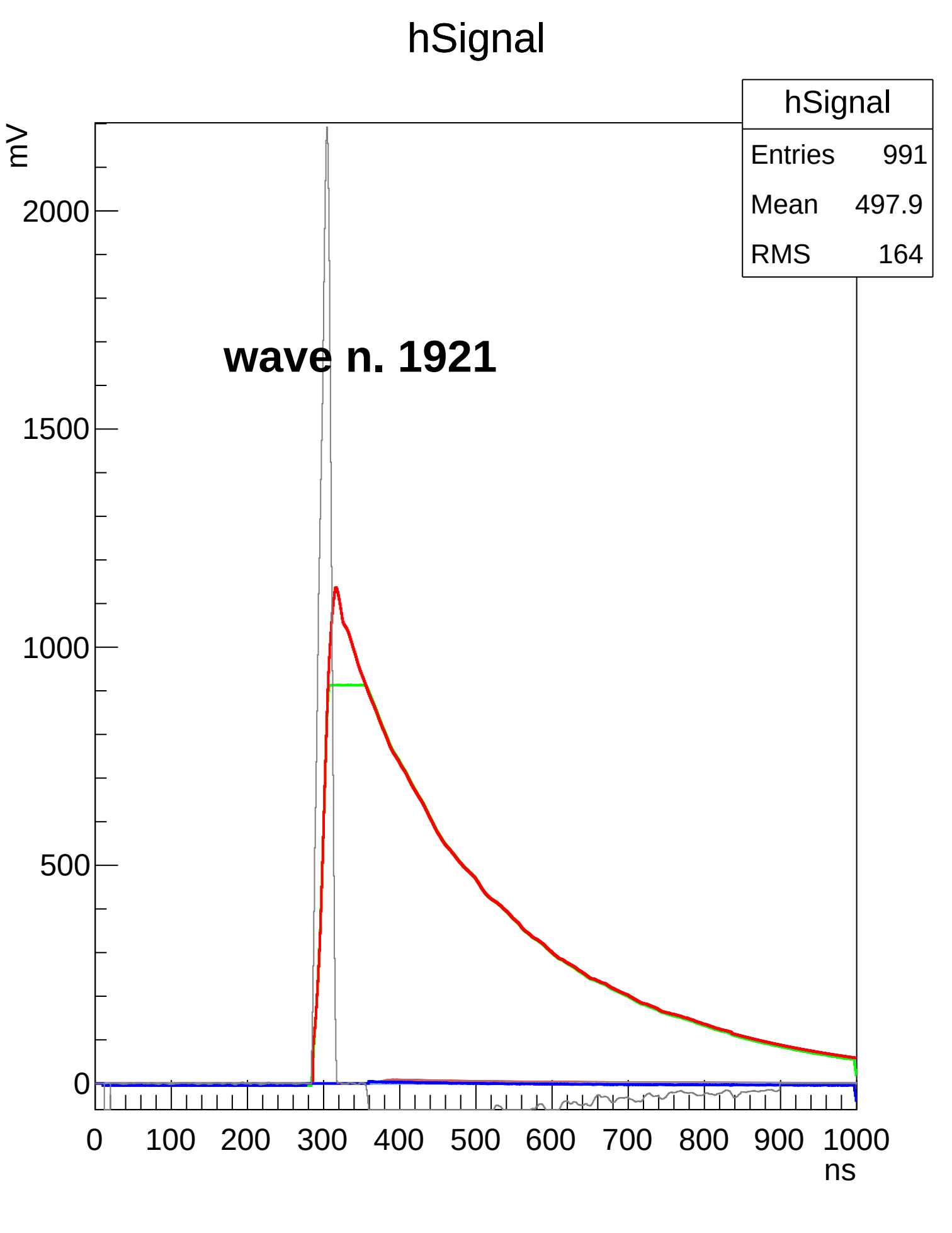
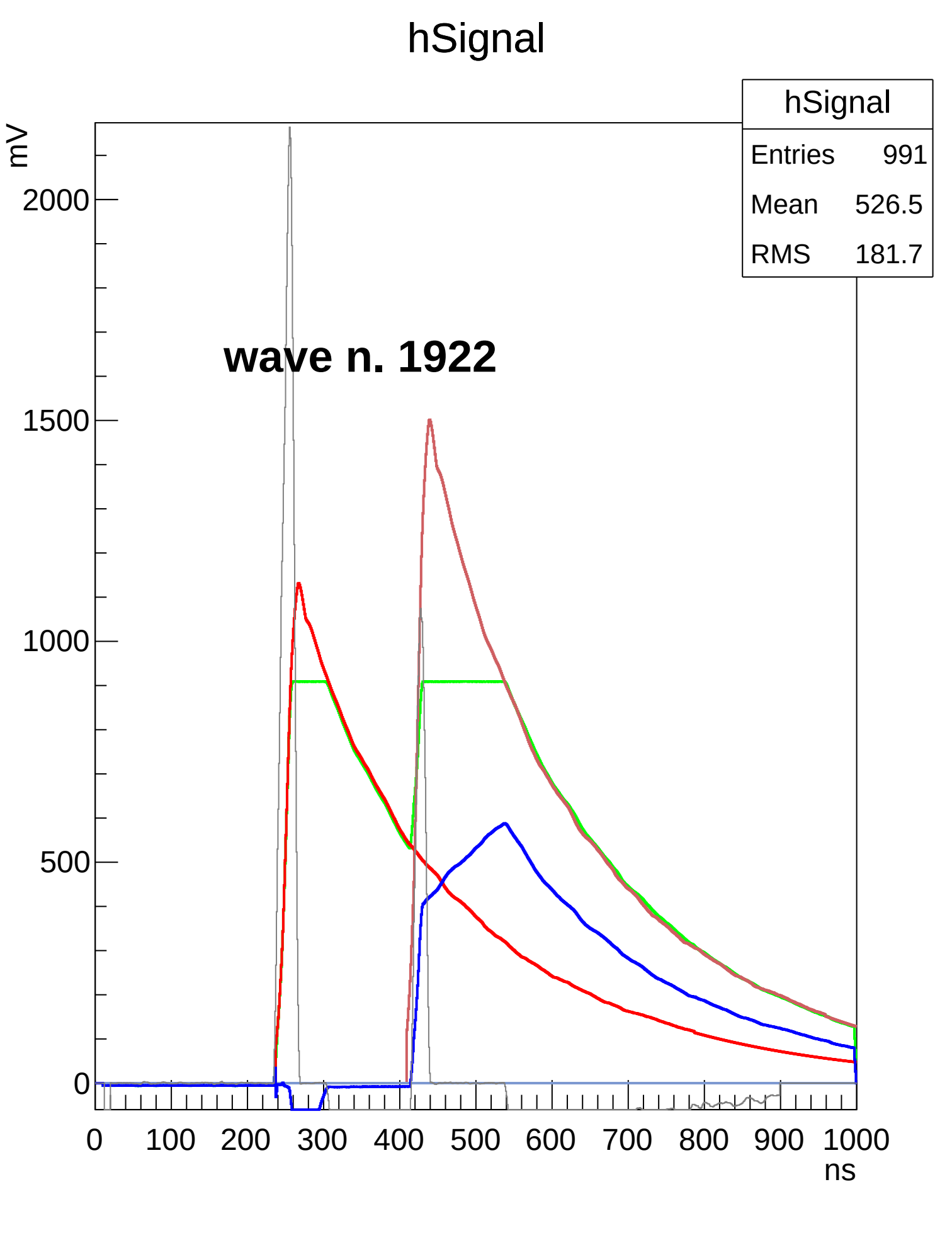
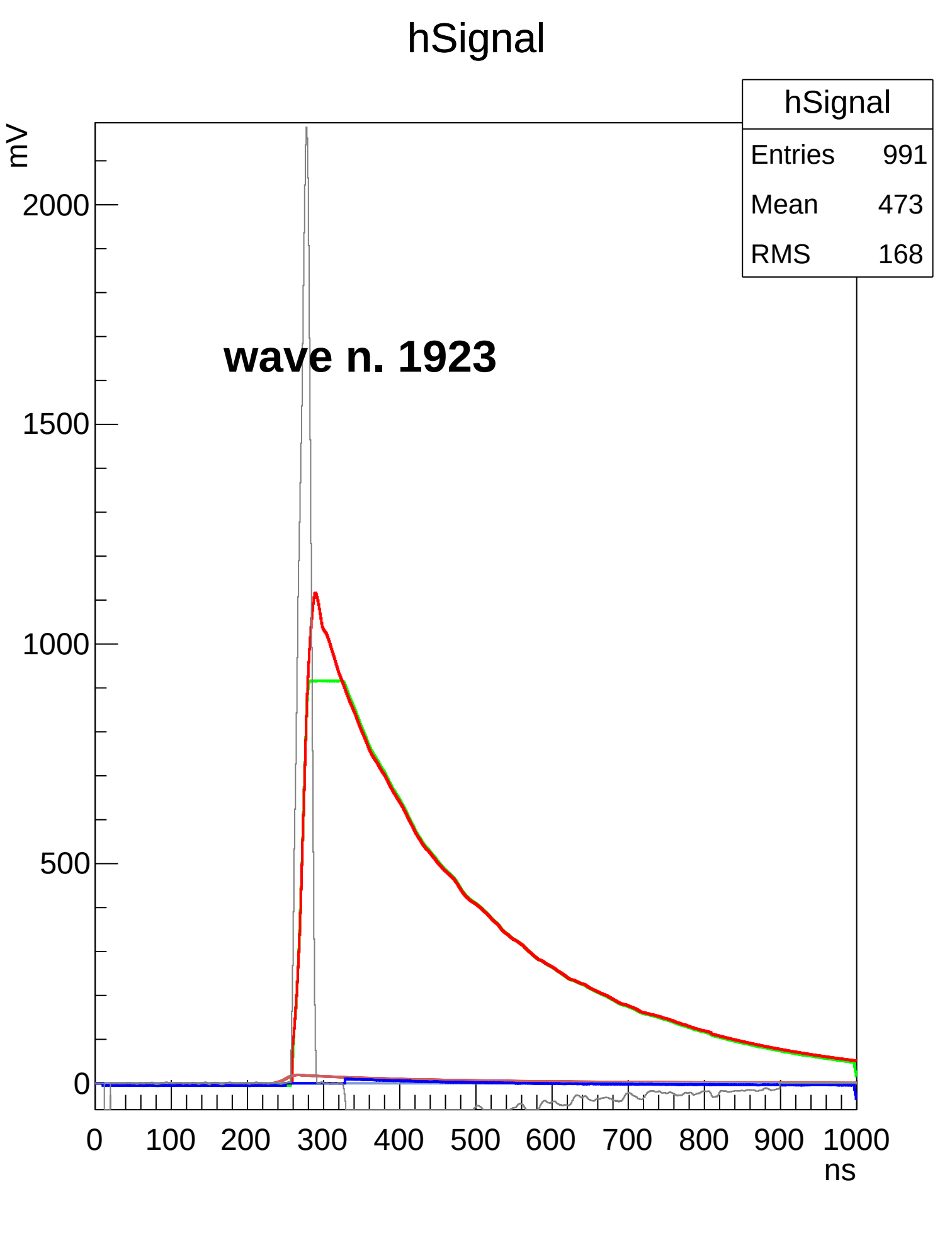
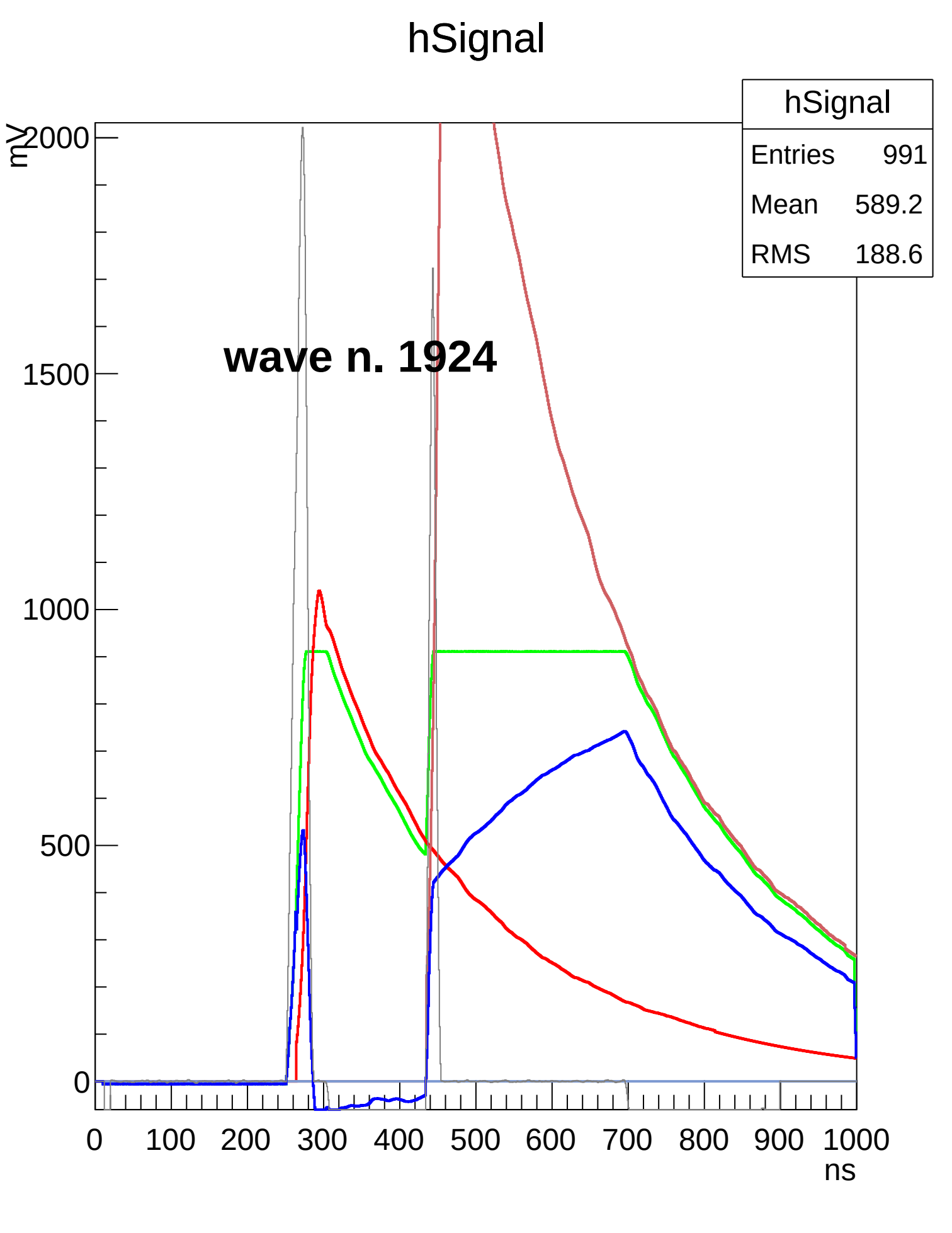
600
700
800
900
1000
ns

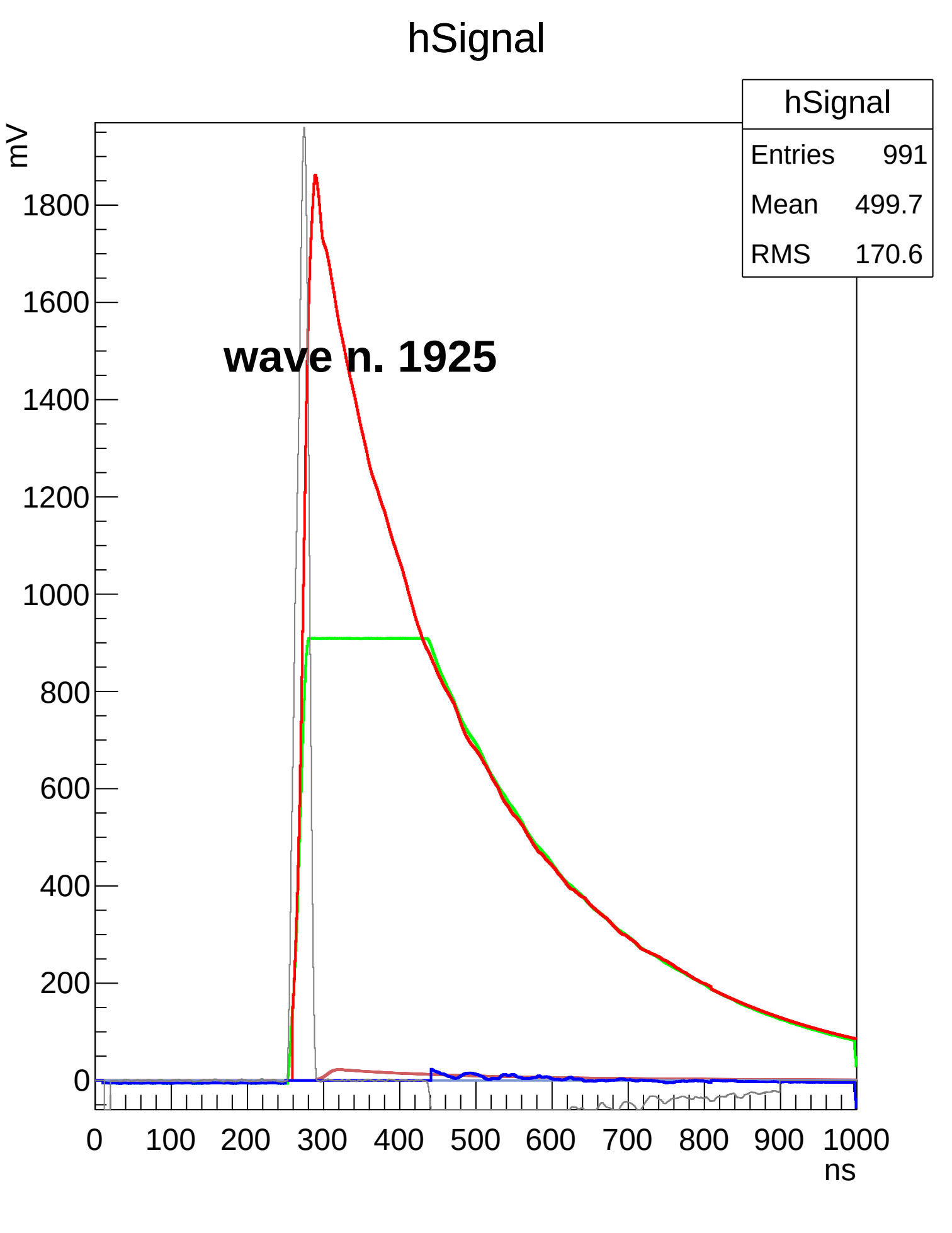

hSignal
hSignal
Entries 991
Mean 603.1
RMS 151.8
wave n. 1920
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

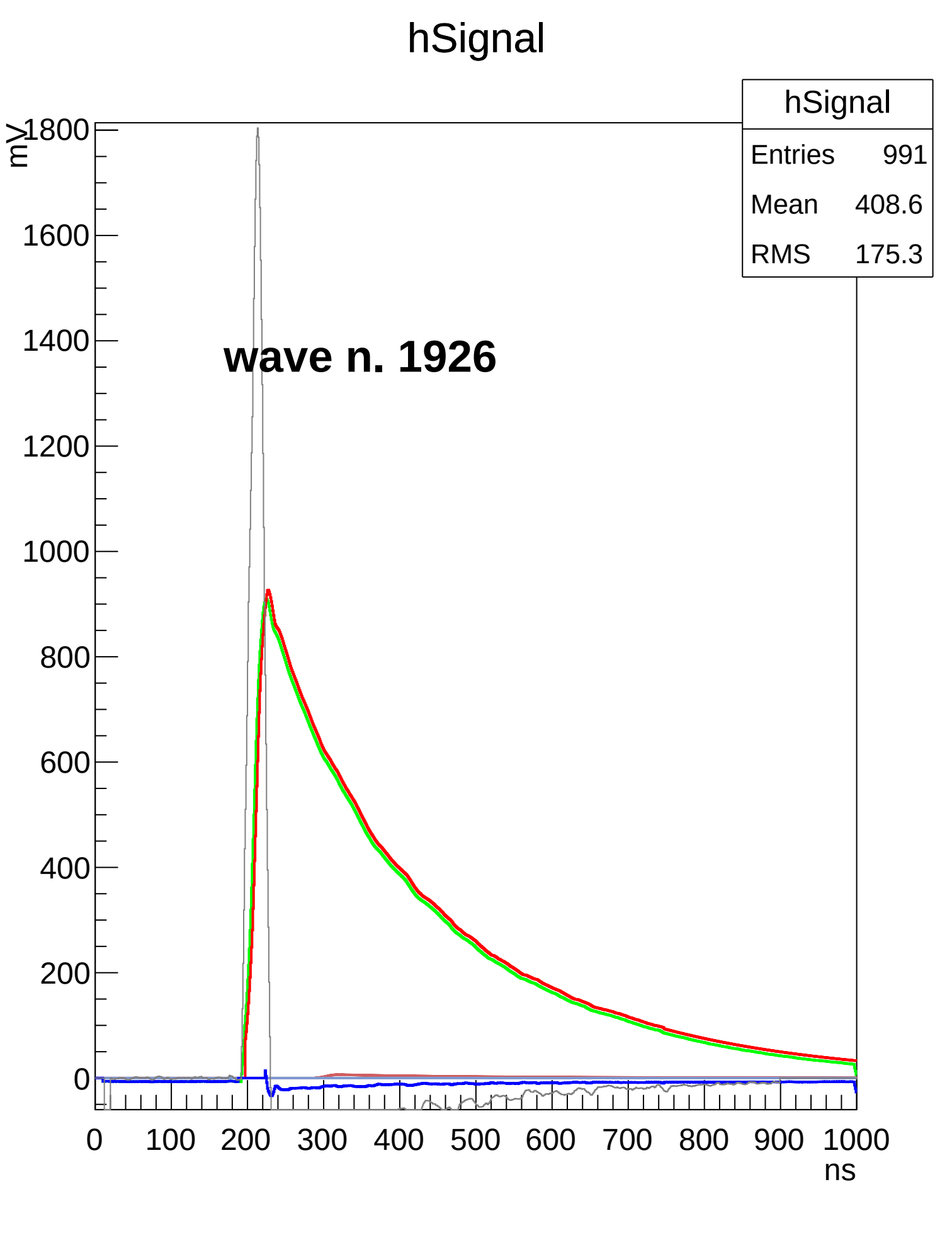

hSignal
hSignal
Entries 991
Mean 497.9
RMS 164
wave n. 1921
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

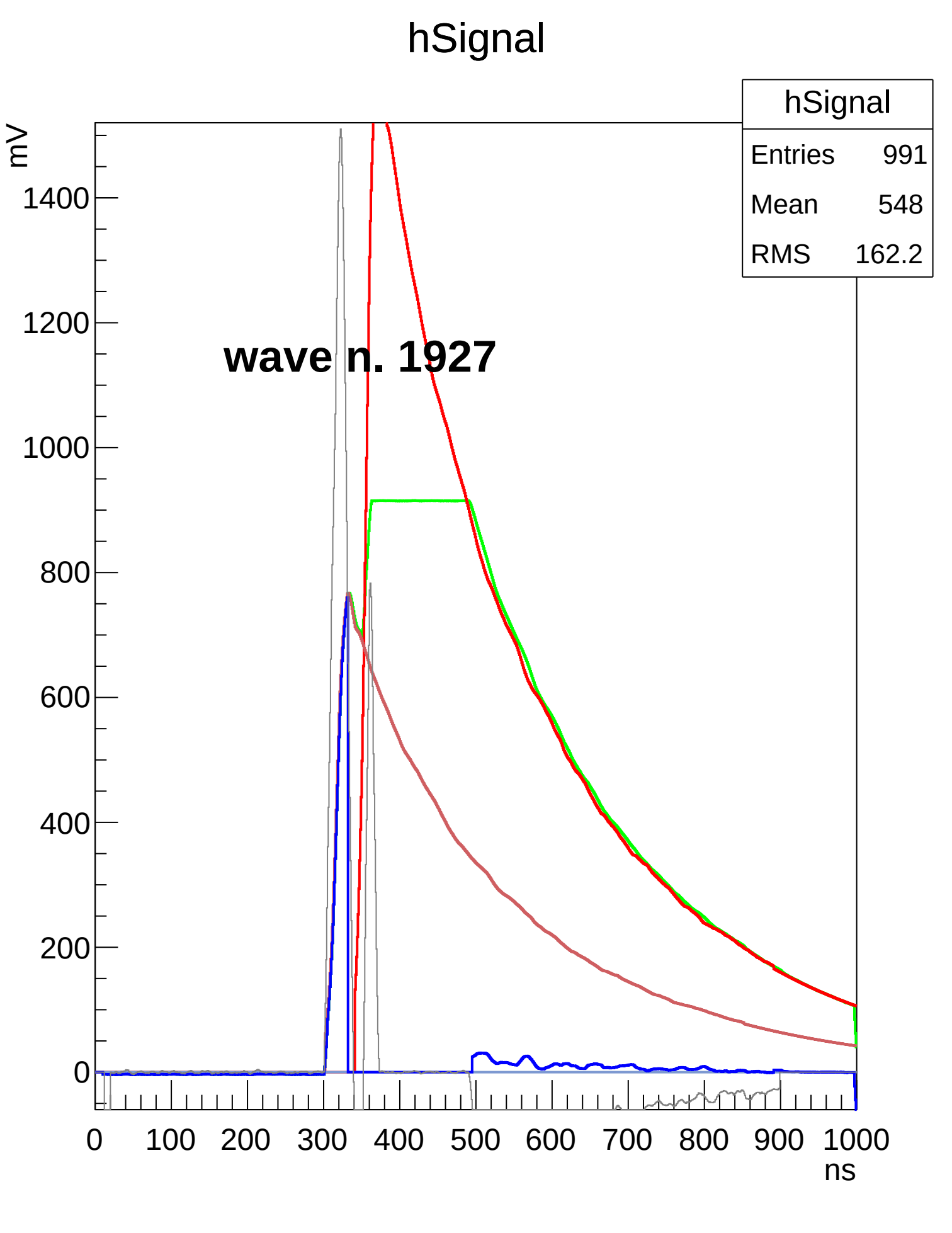

hSignal
hSignal
Entries 991
Mean 526.5
RMS 181.7
wave n. 1922
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

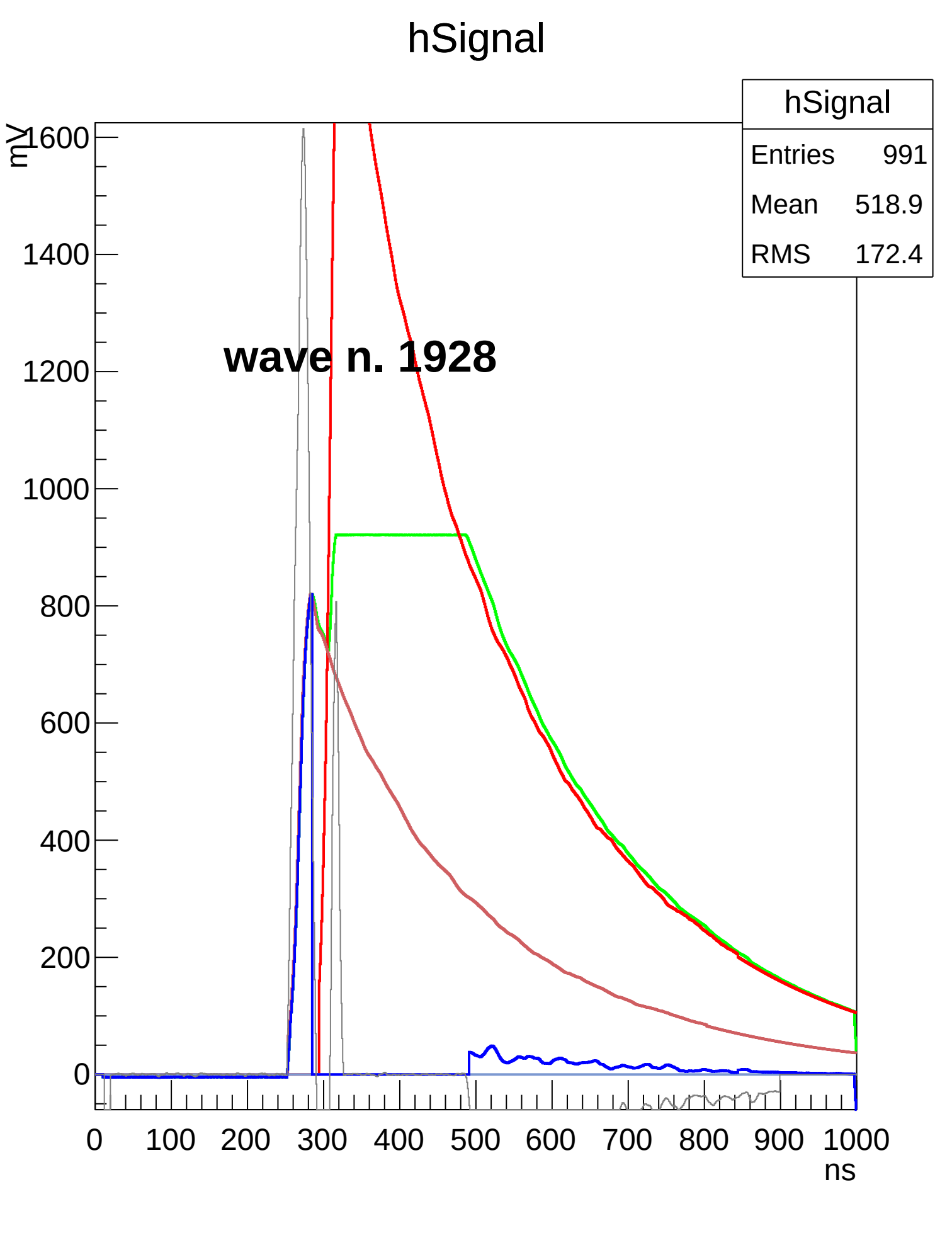

hSignal
hSignal
Entries 991
Mean 473
RMS 168
wave n. 1923
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

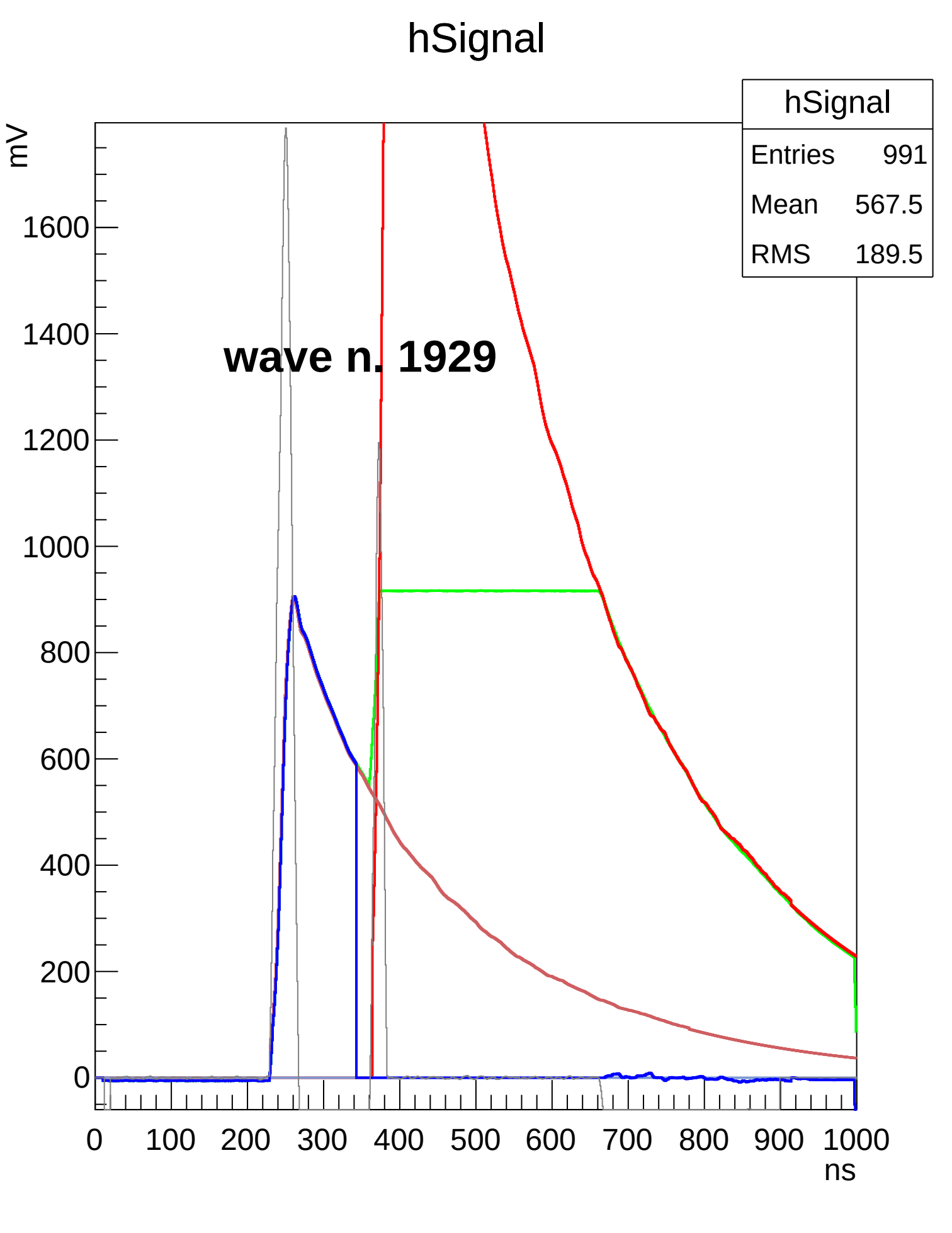

hSignal
hSignal
Entries 991
Mean 589.2
RMS 188.6
wave n. 1924
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

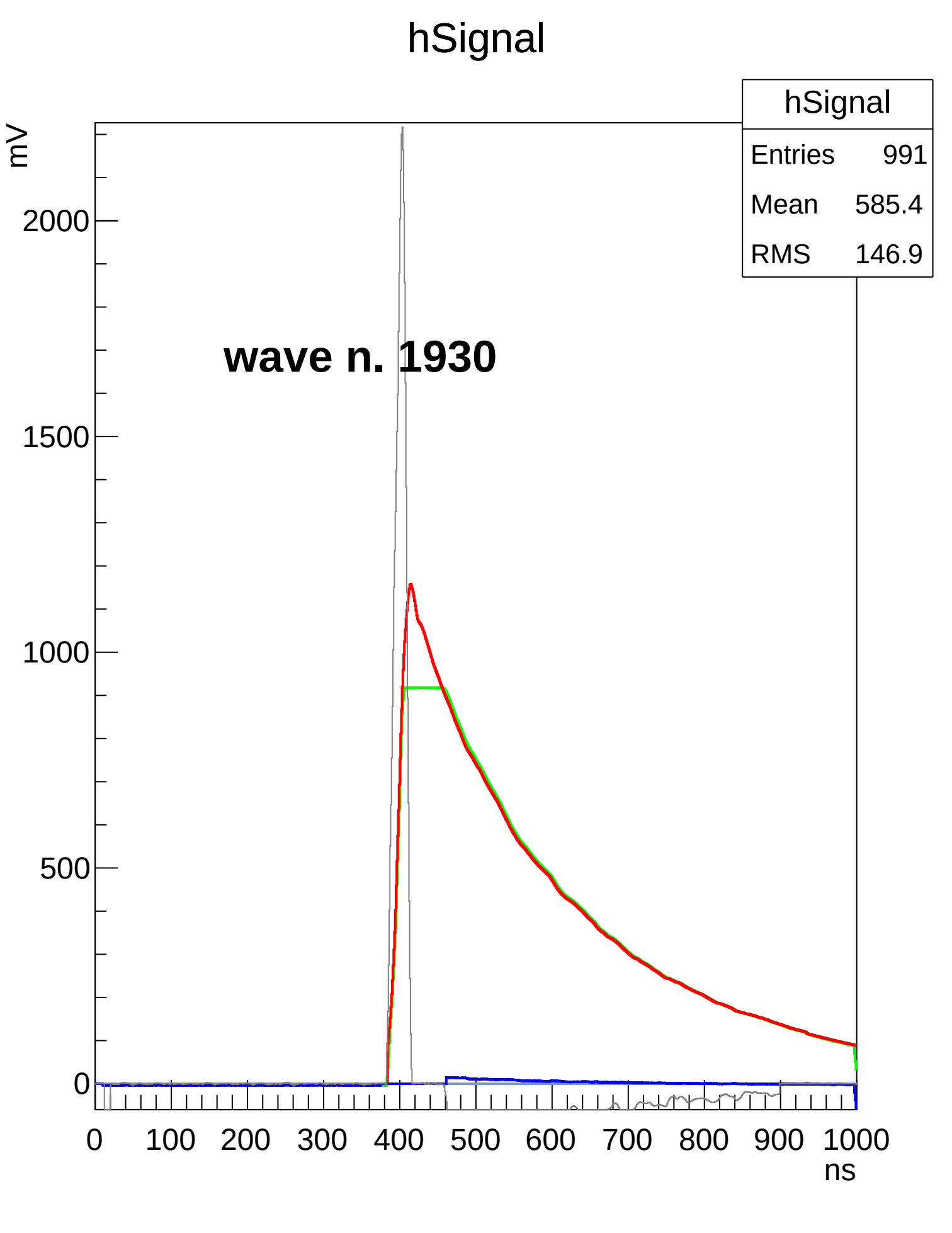

hSignal
hSignal
Entries 991
Mean 499.7
RMS 170.6
wave n. 1925
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

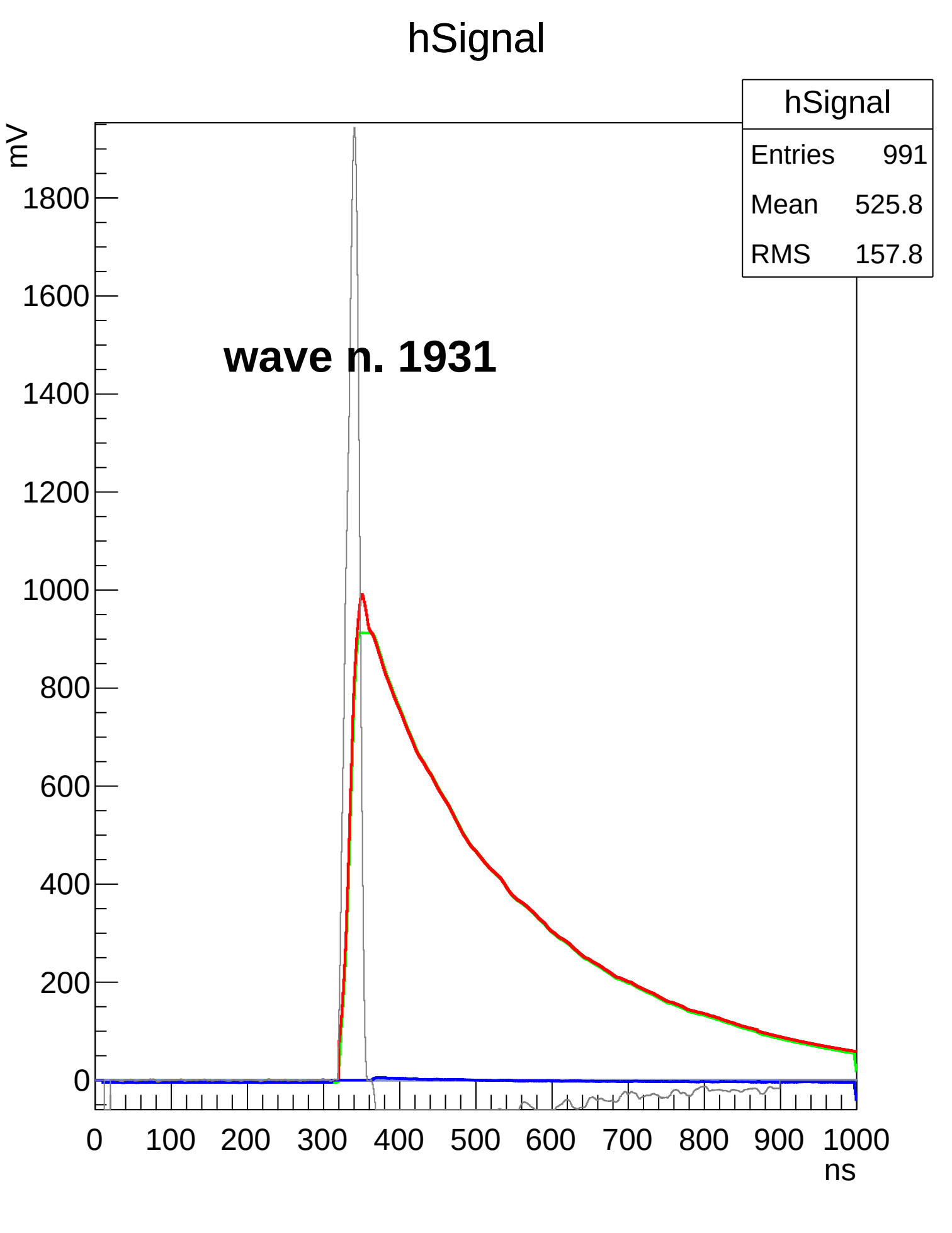

hSignal
hSignal
Entries 991
Mean 408.6
RMS 175.3
wave n. 1926
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

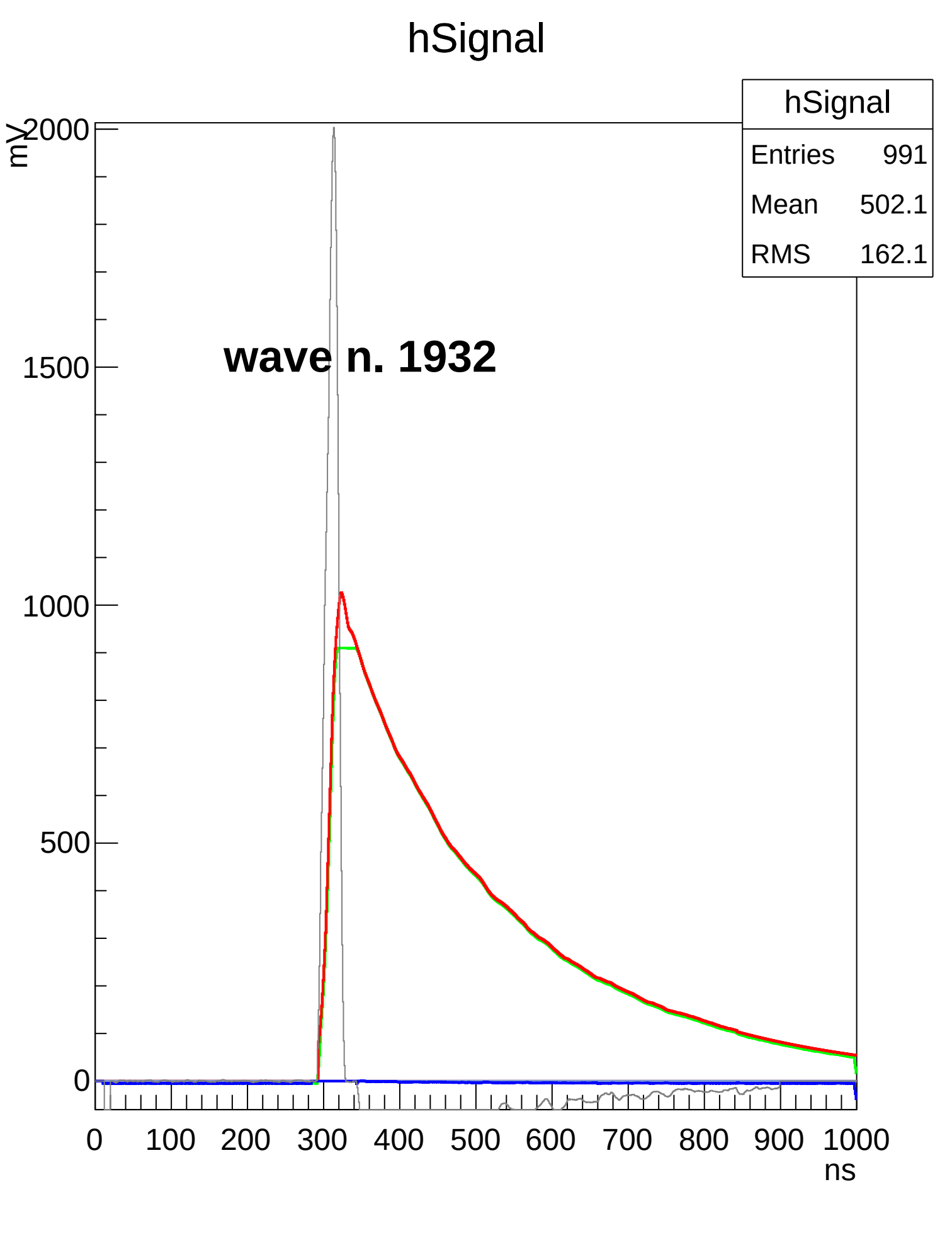

hSignal
hSignal
Entries 991
Mean 548
RMS 162.2
wave n. 1927
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

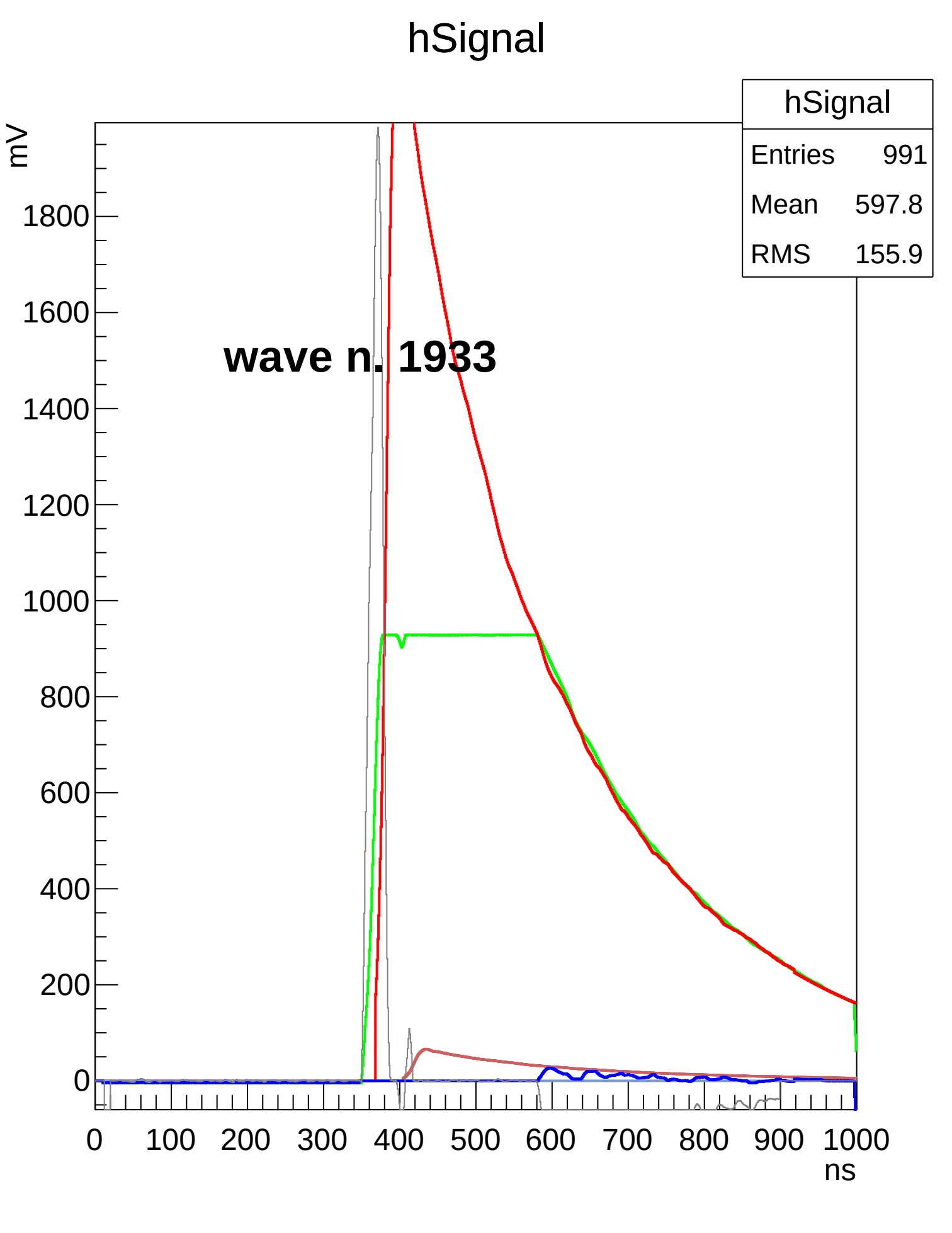

hSignal
hSignal
Entries 991
Mean 518.9
RMS 172.4
wave n. 1928
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

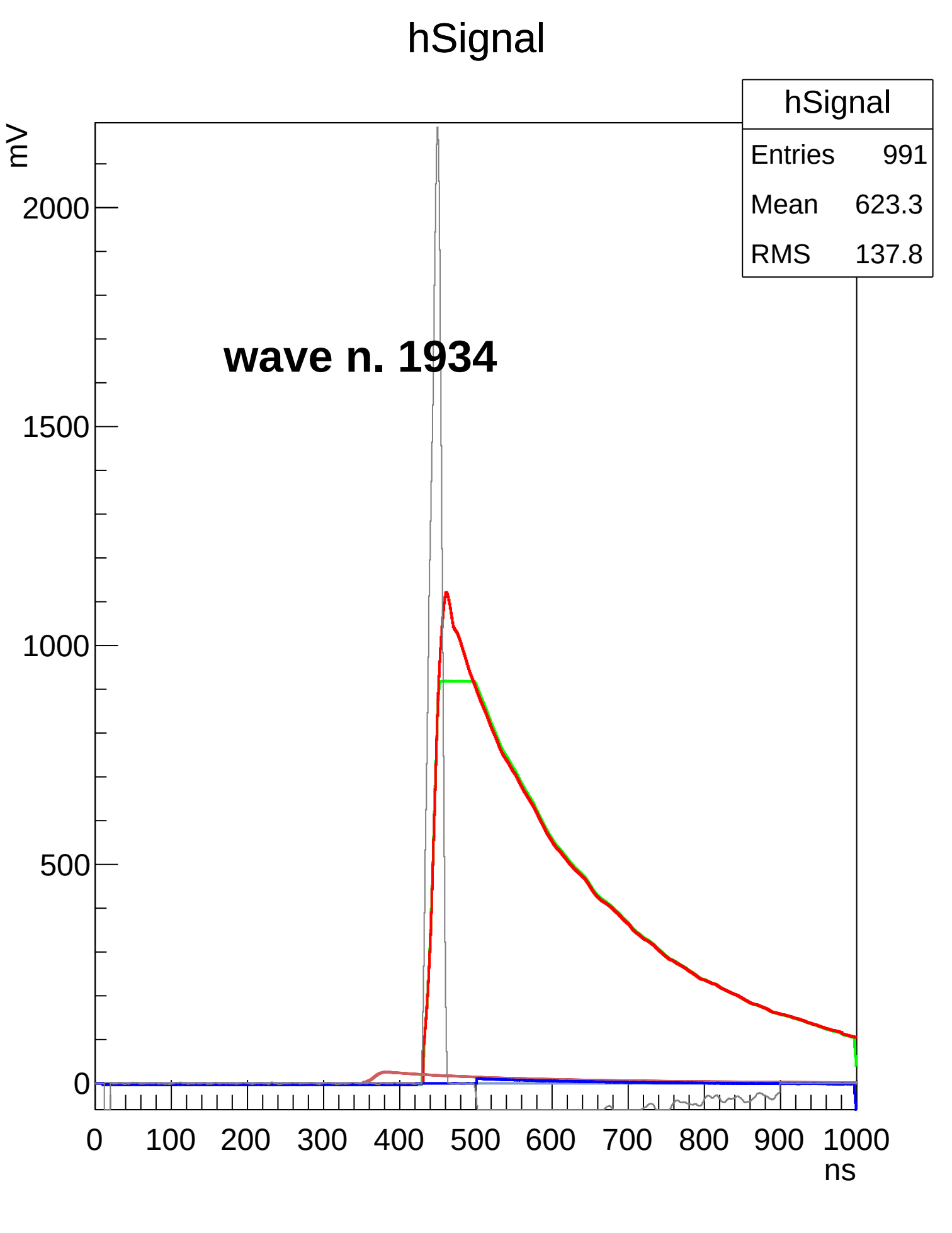

hSignal
hSignal
Entries 991
Mean 567.5
RMS 189.5
wave n. 1929
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

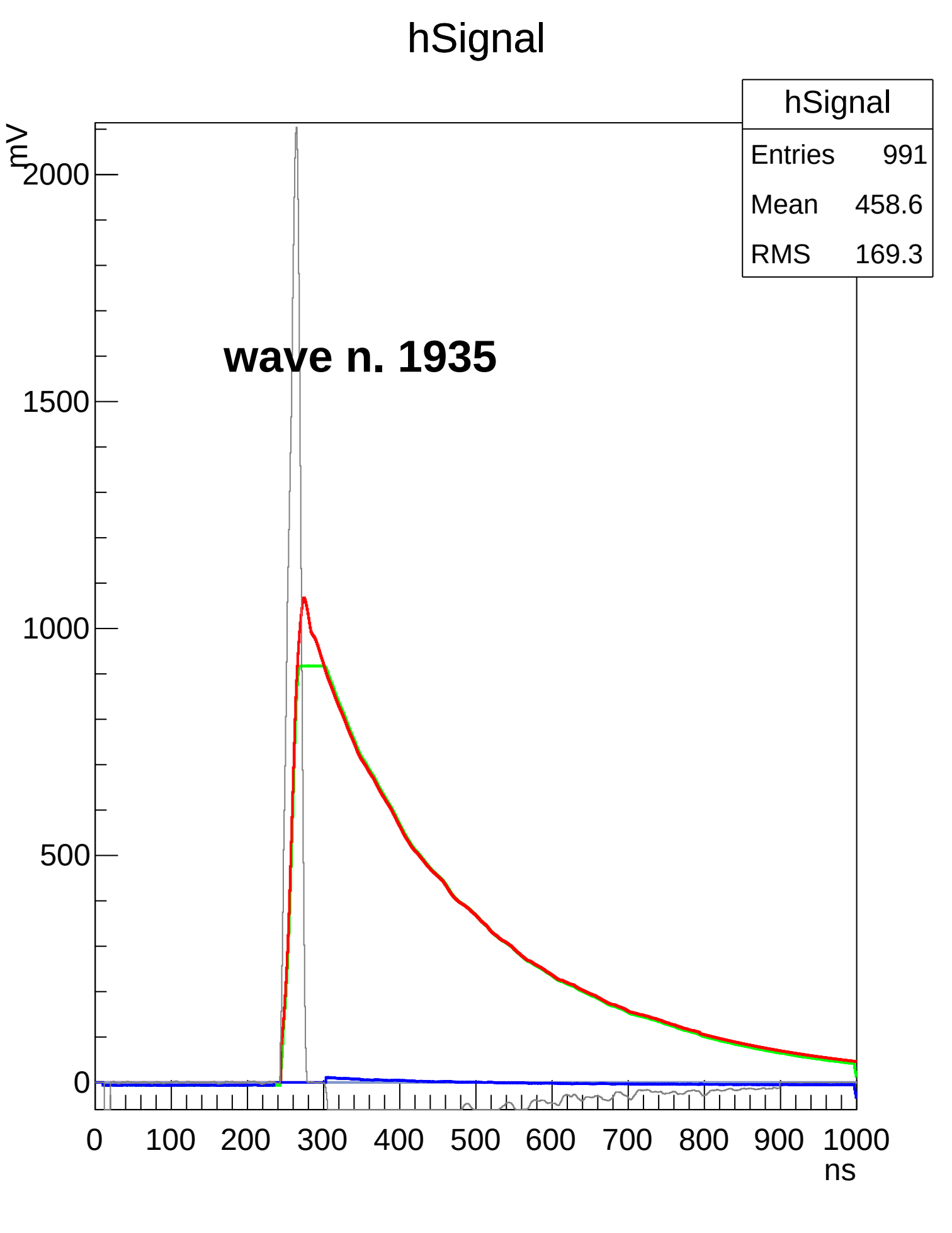

hSignal
hSignal
Entries 991
Mean 585.4
RMS 146.9
wave n. 1930
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

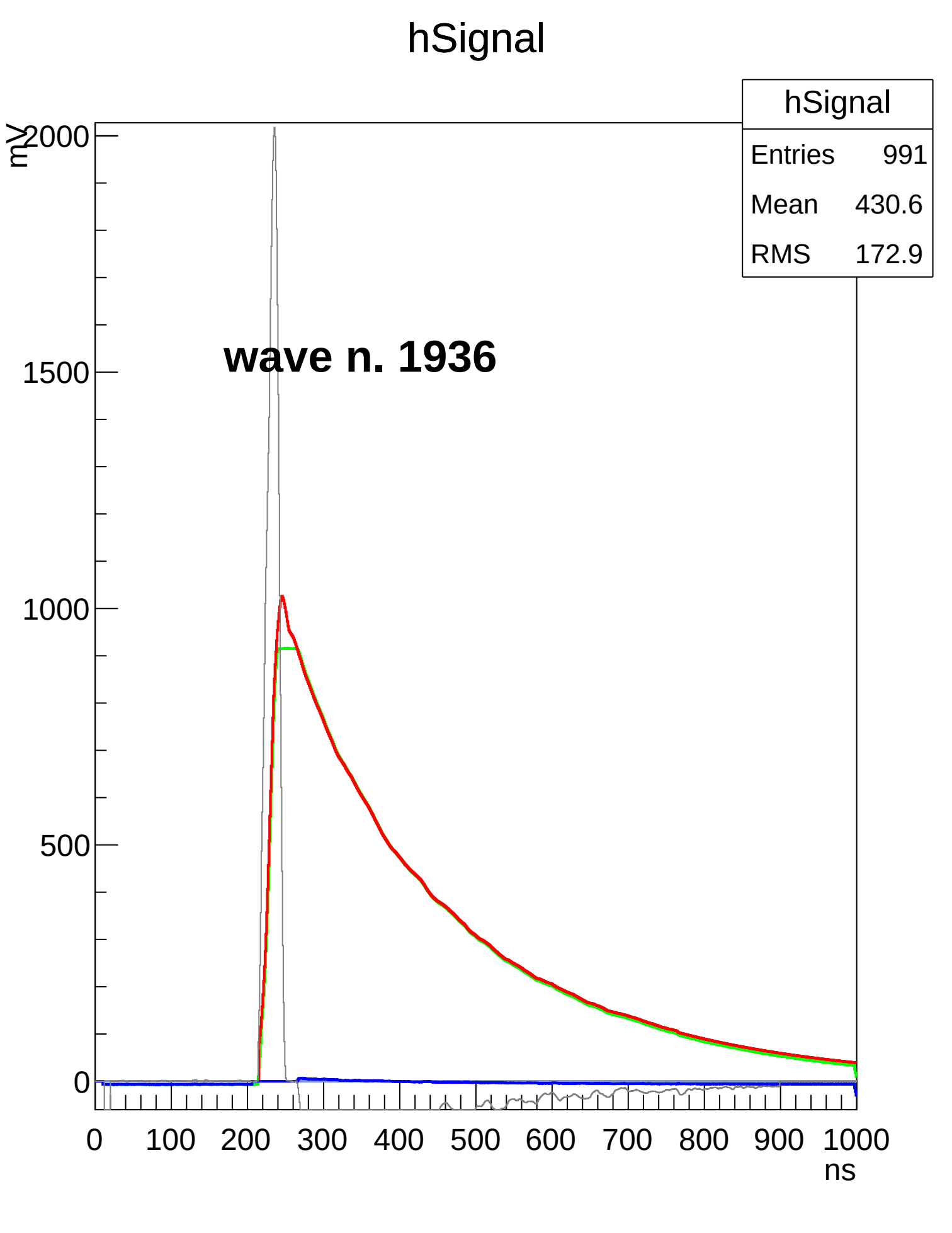

hSignal
hSignal
Entries 991
Mean 525.8
RMS 157.8
wave n. 1931
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

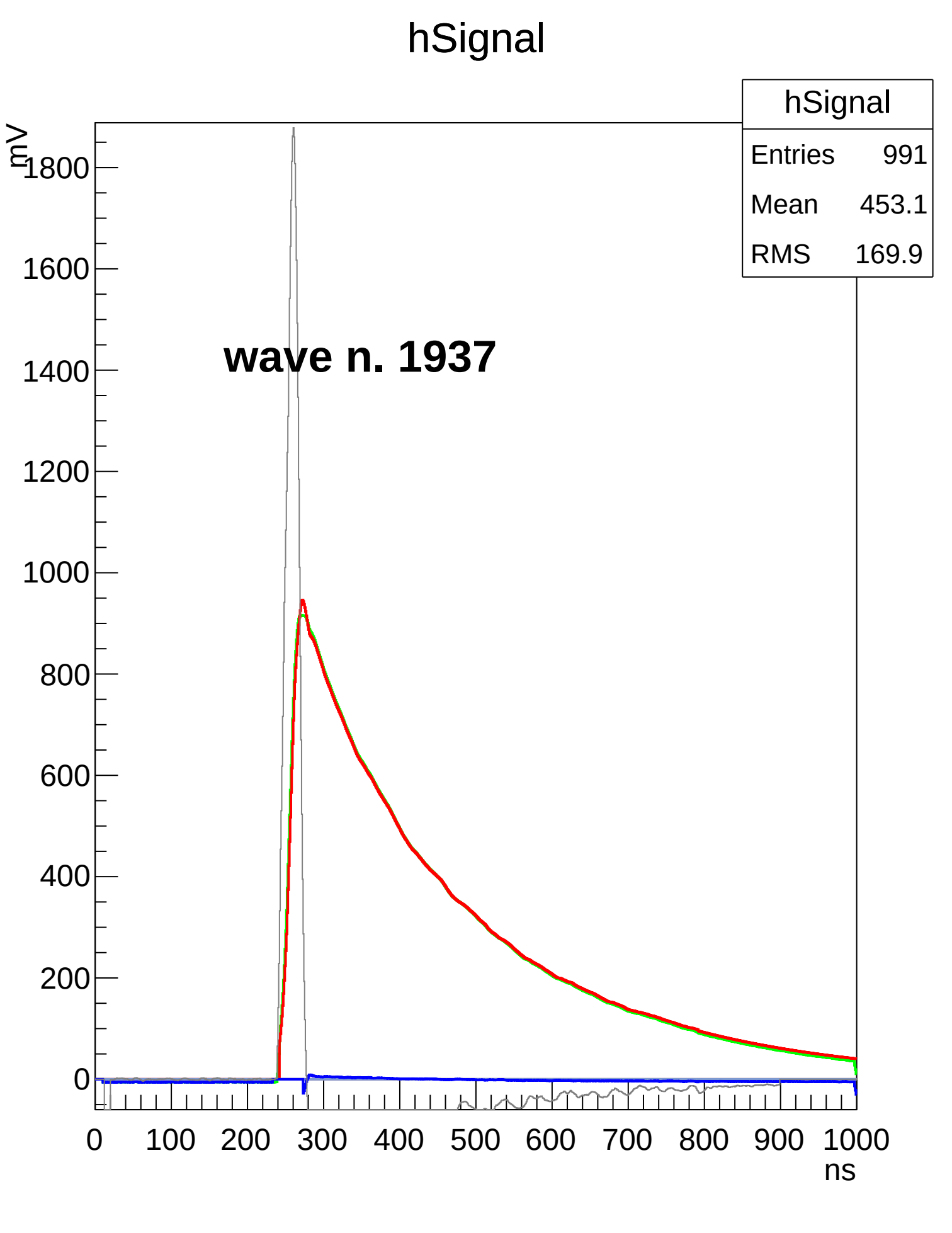

hSignal
hSignal
Entries 991
Mean 502.1
RMS 162.1
wave n. 1932
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

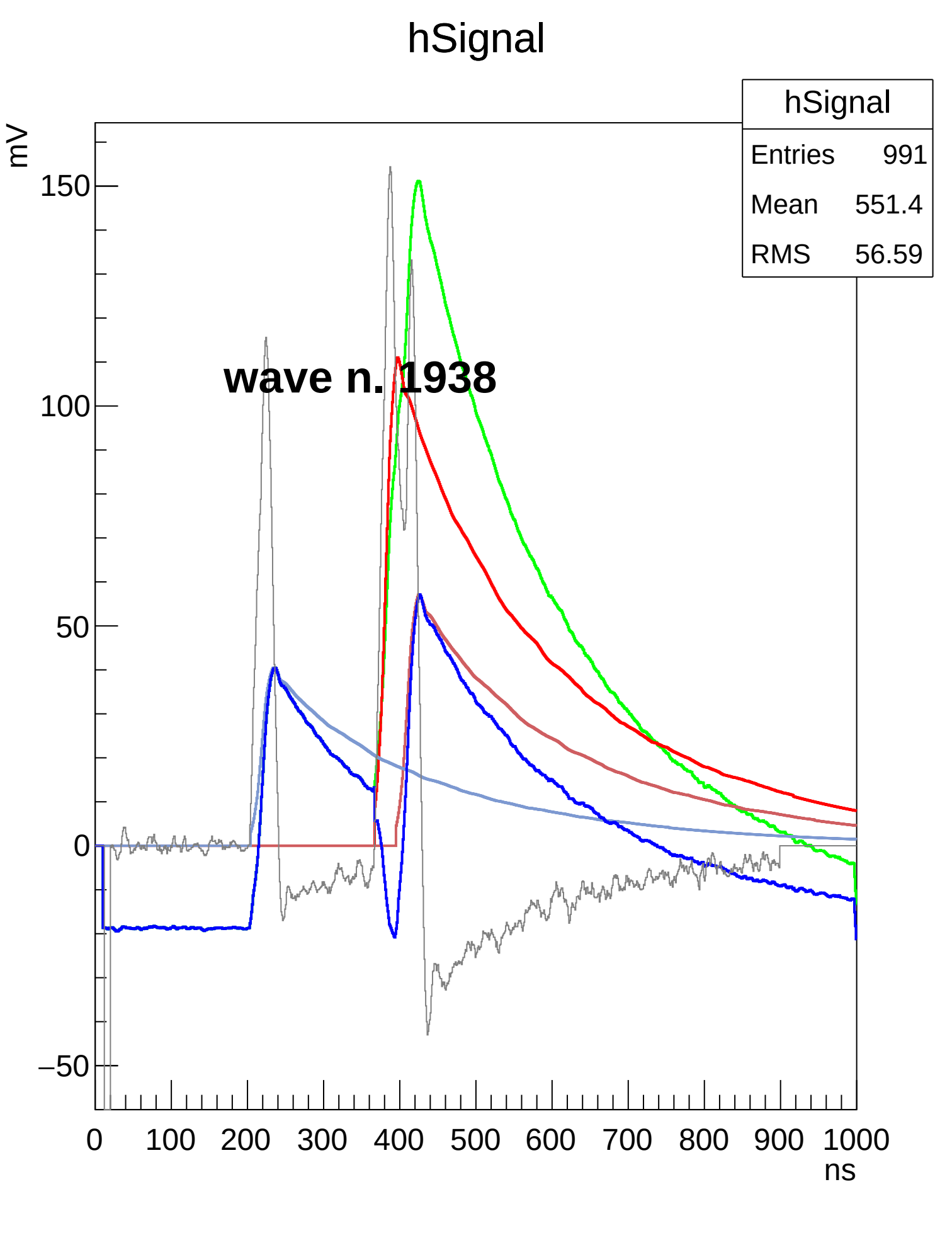

hSignal
hSignal
Entries 991
Mean 597.8
RMS 155.9
wave n. 1933
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 623.3
RMS 137.8
wave n. 1934
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 458.6
RMS 169.3
wave n. 1935
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 430.6
RMS 172.9
wave n. 1936
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 453.1
RMS 169.9
wave n. 1937
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 551.4
RMS 56.59
wave n. 1938
mV
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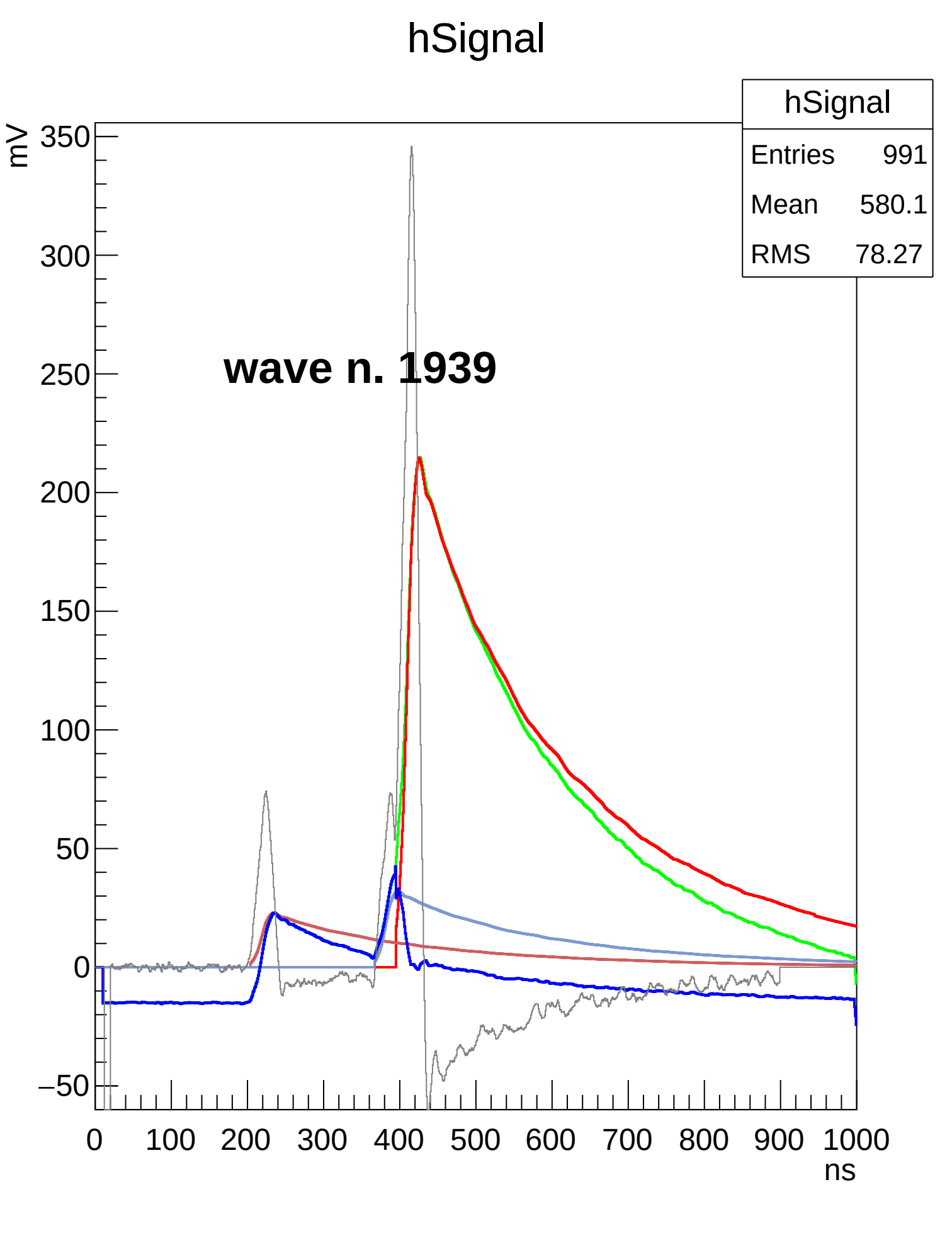
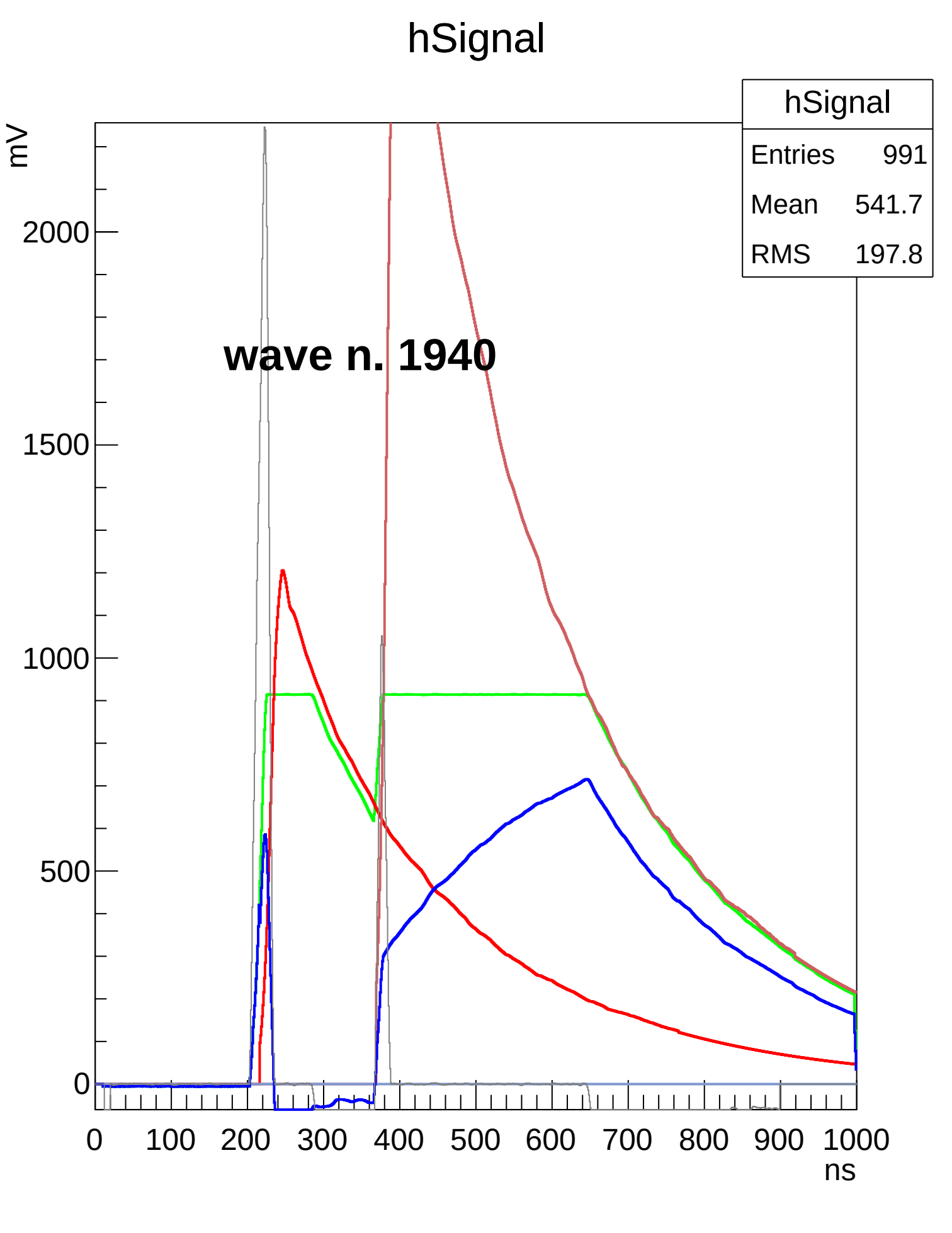
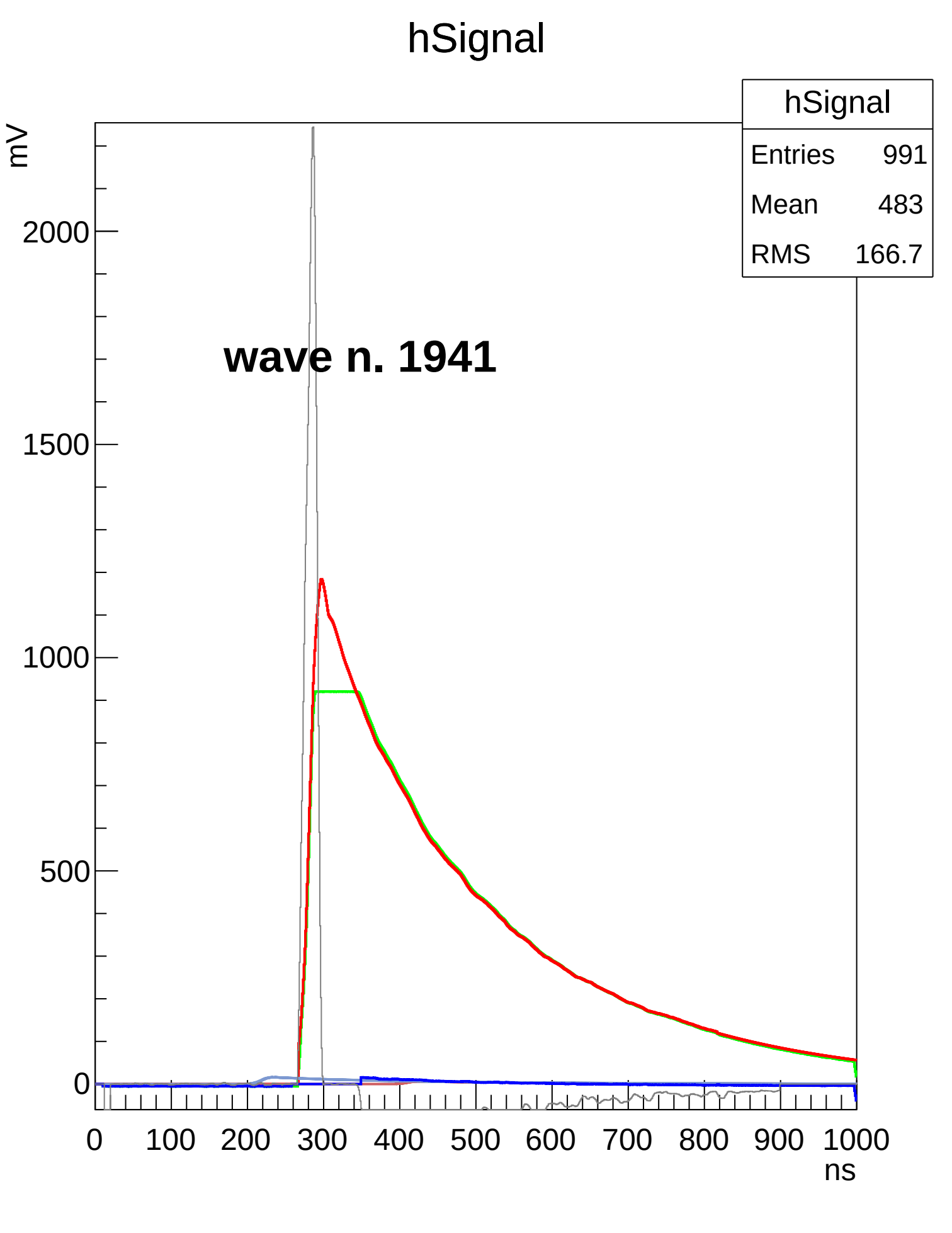
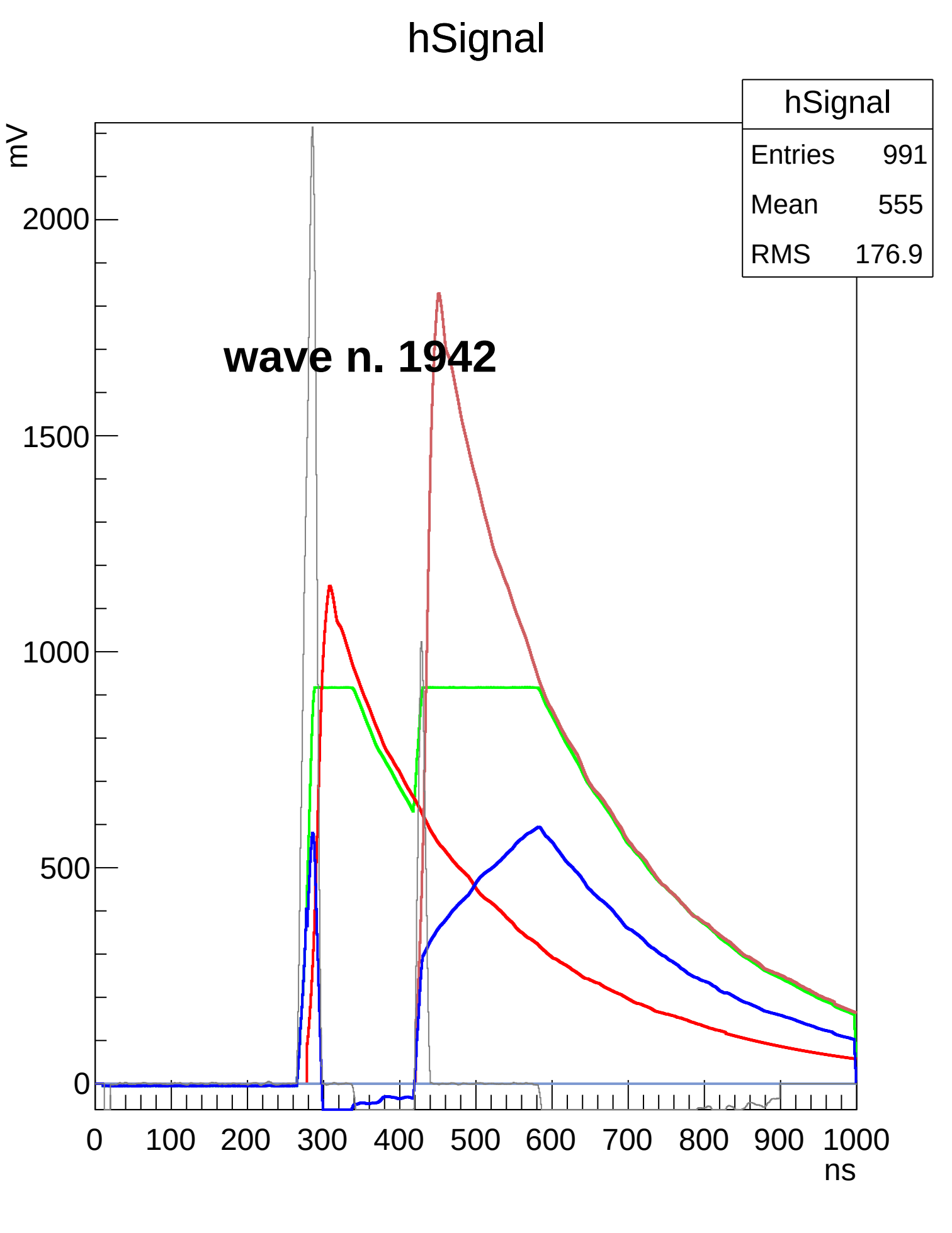
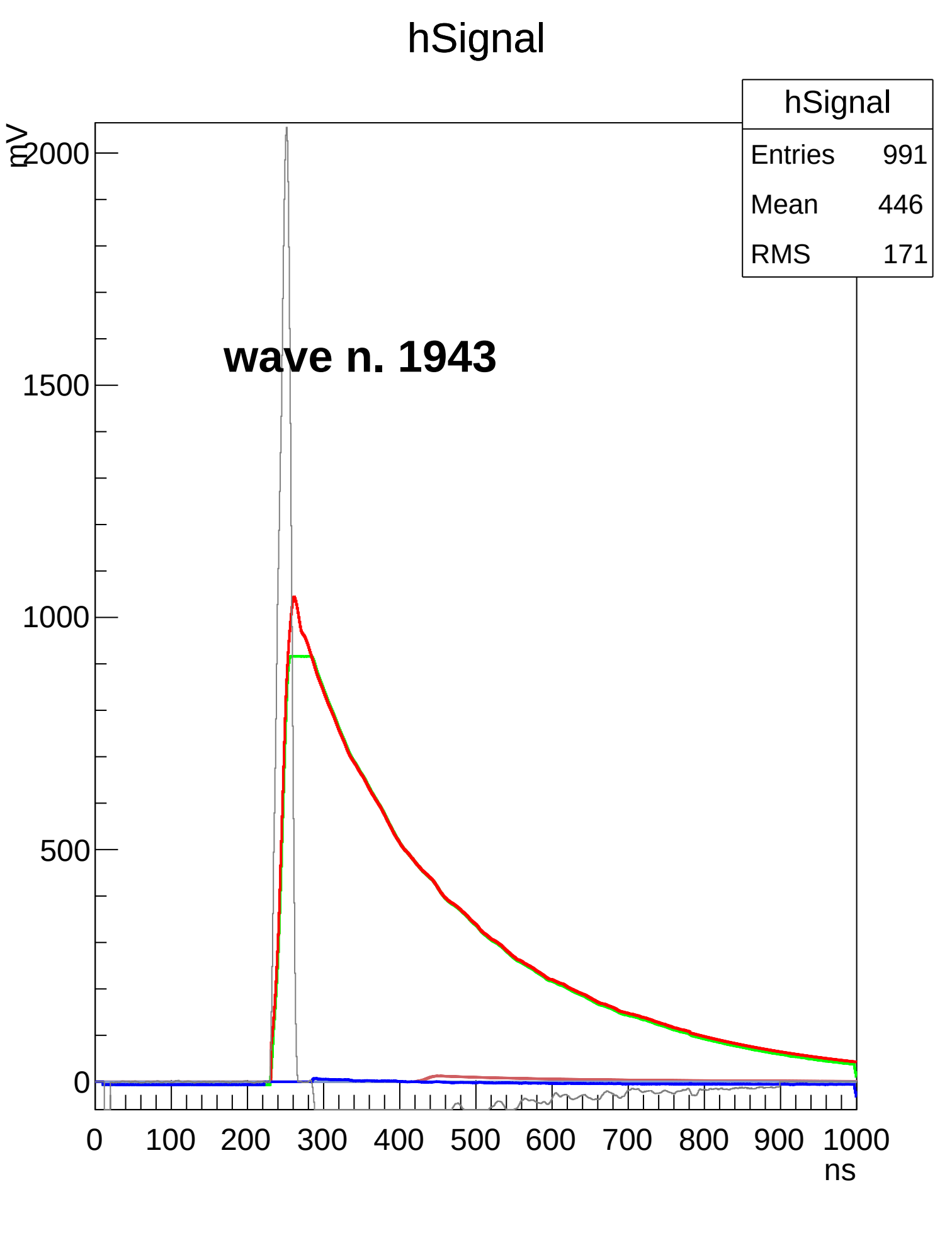
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580.1
RMS 78.27
wave n. 1939
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 541.7
RMS 197.8
wave n. 1940
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 483
RMS 166.7
wave n. 1941
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 555
RMS 176.9
wave n. 1942
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 446
RMS 171
wave n. 1943
mV
2000
1500
1000
500
0
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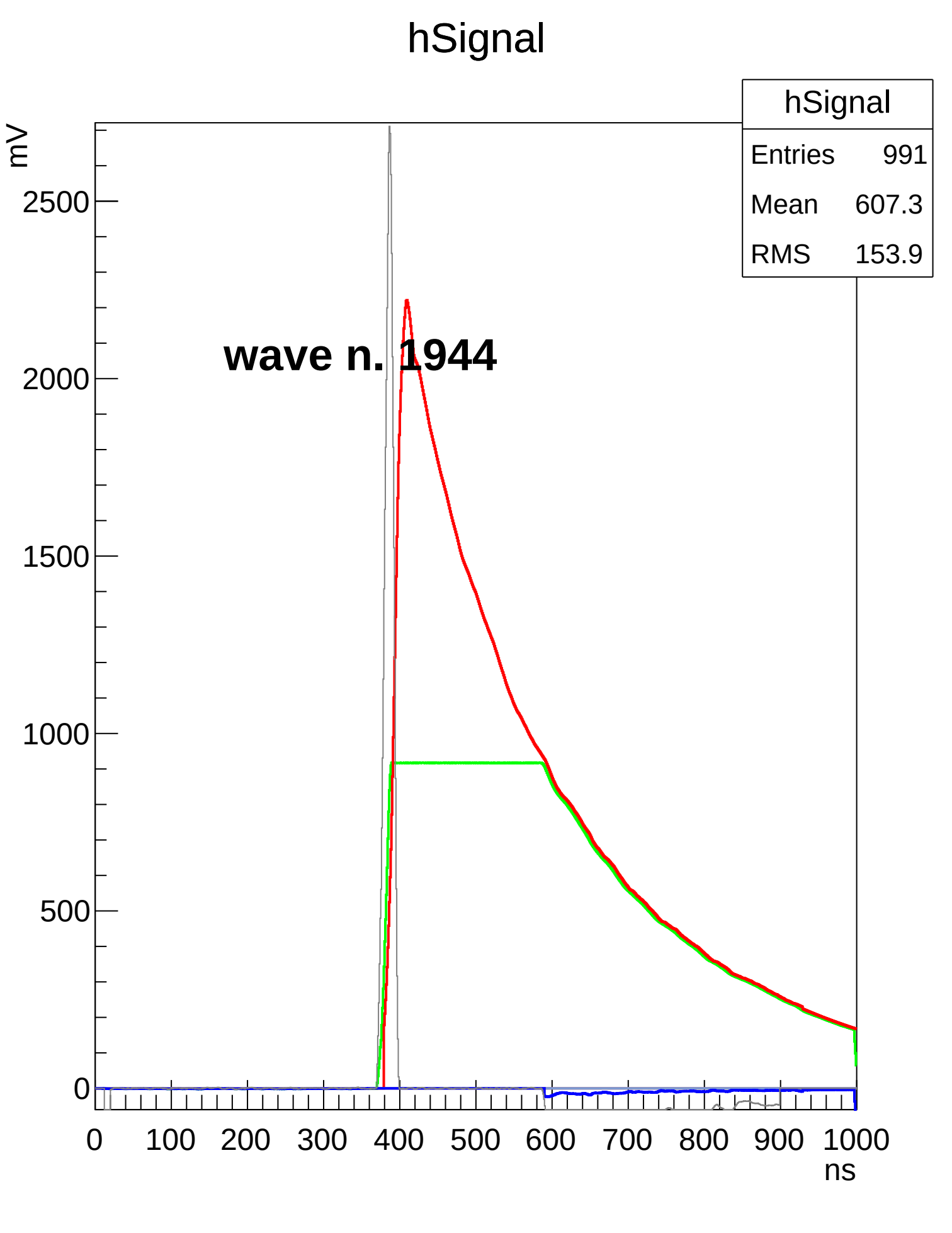
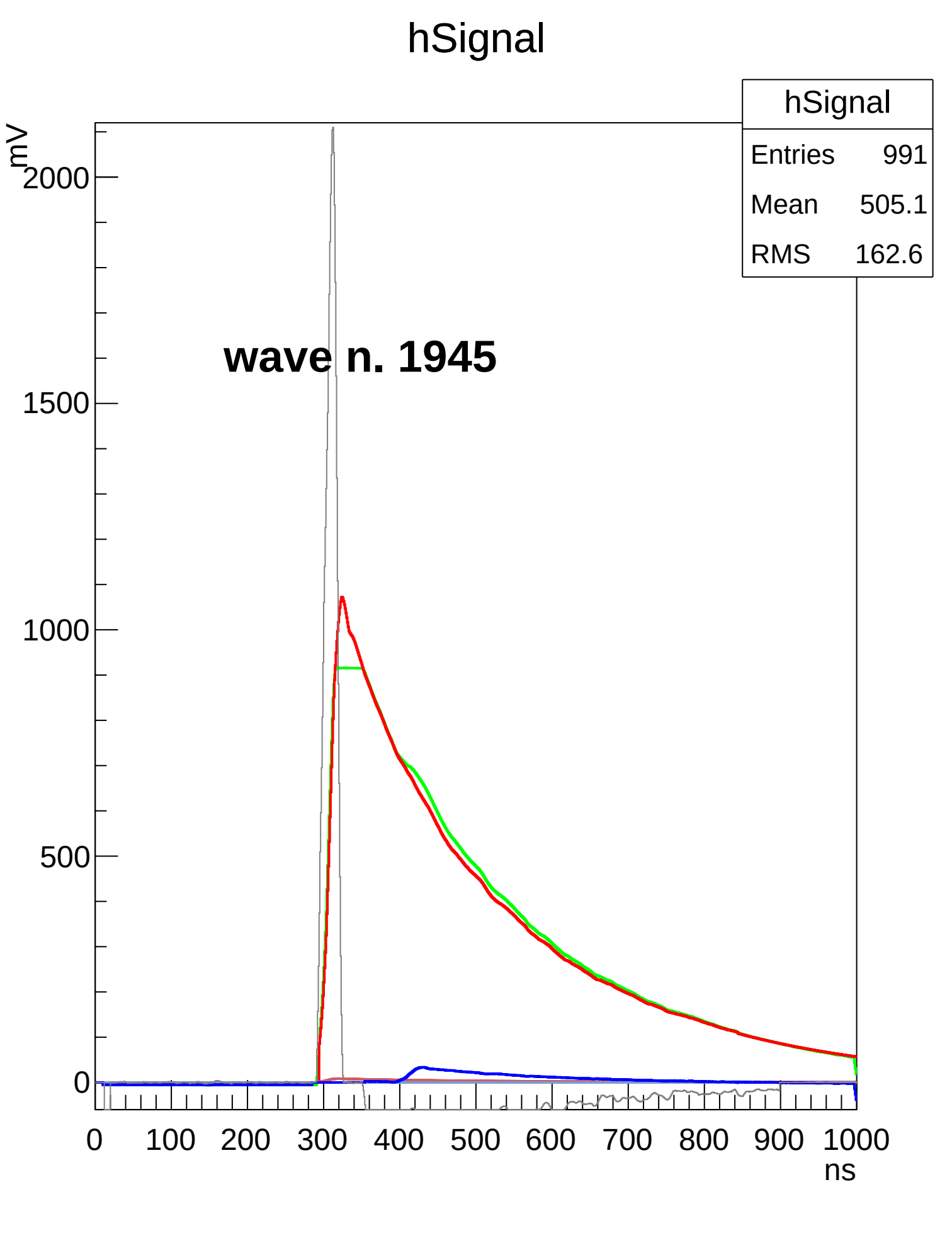
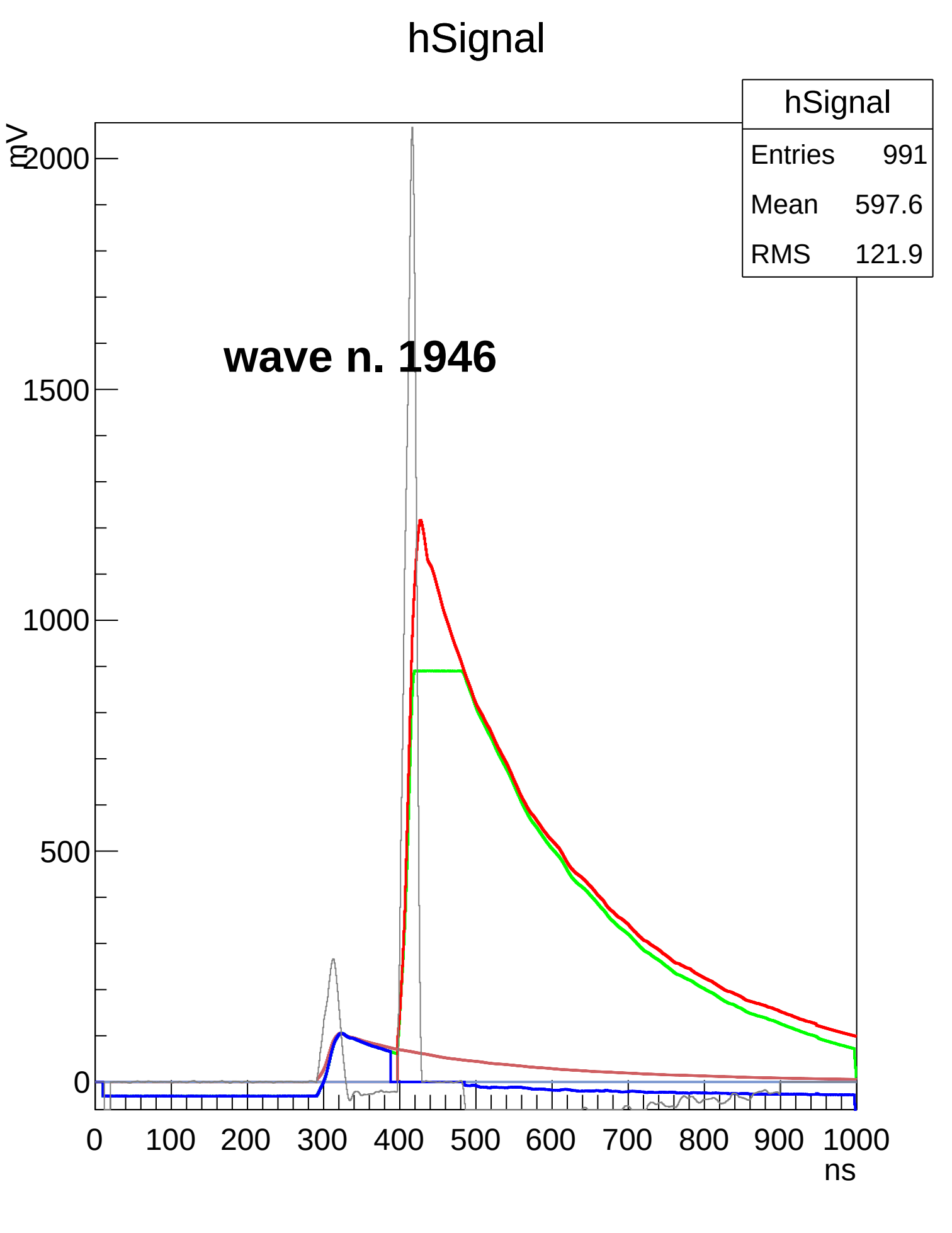
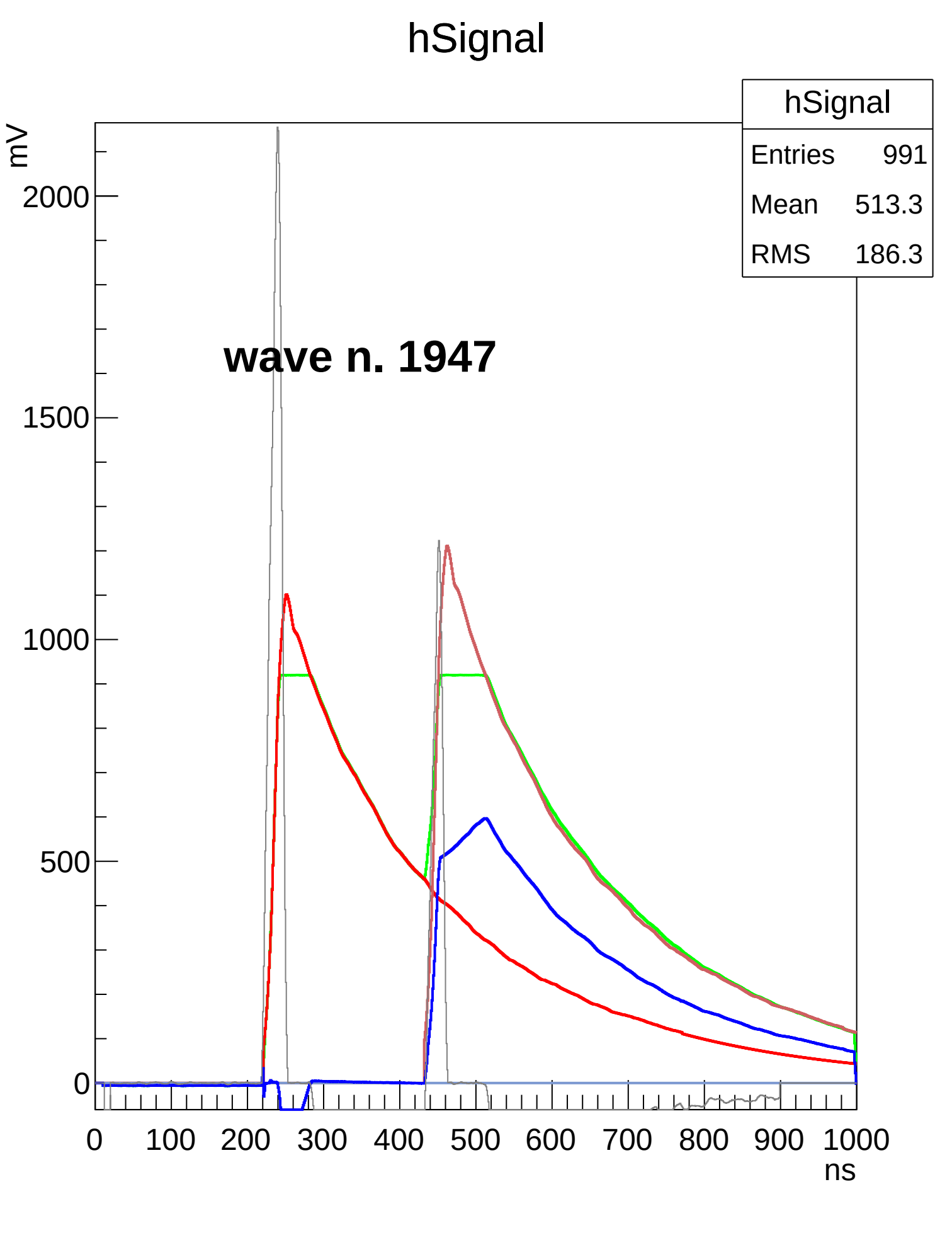
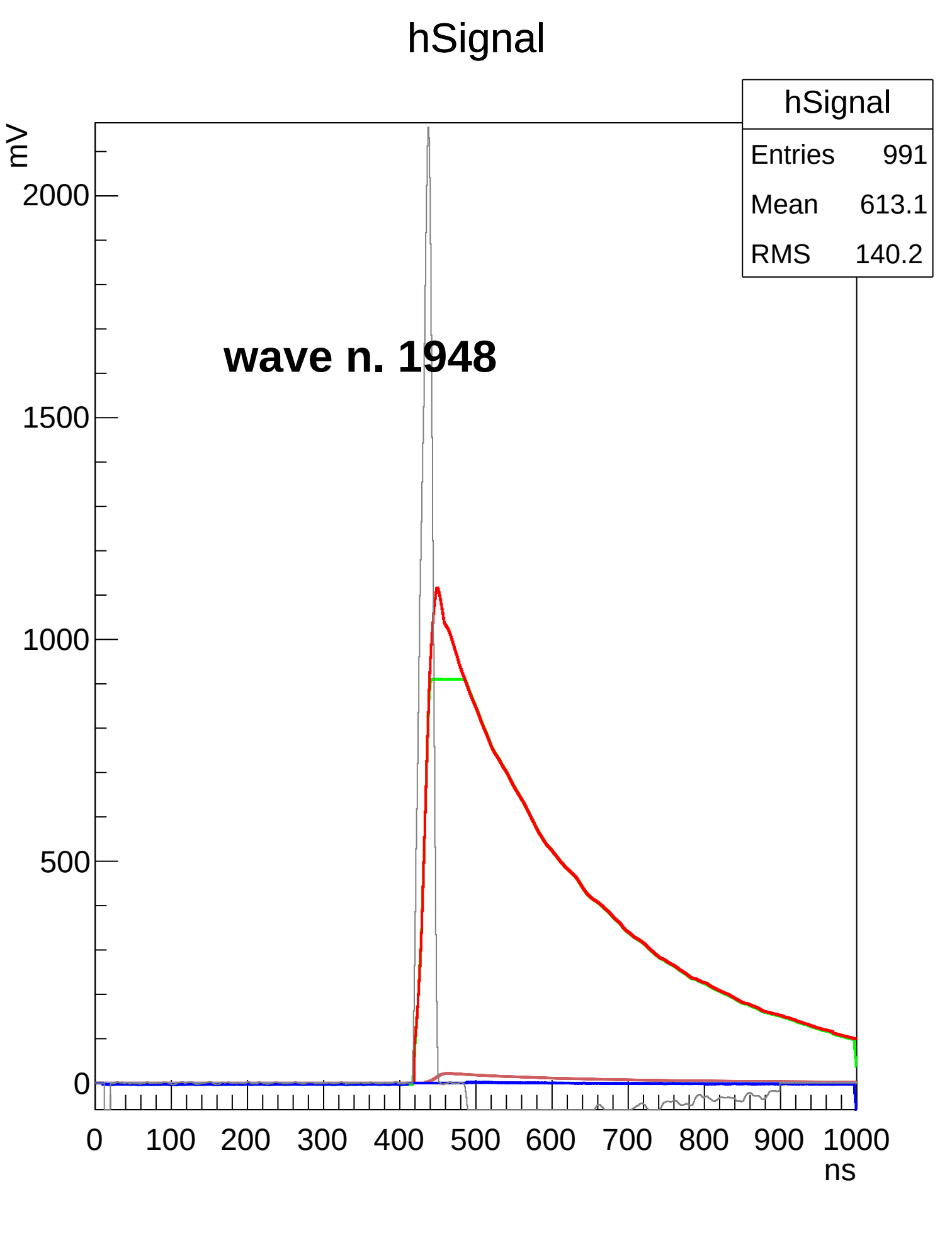
ns


hSignal
hSignal
Entries 991
Mean 607.3
RMS 153.9
wave n. 1944
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 505.1
RMS 162.6
wave n. 1945
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597.6
RMS 121.9
wave n. 1946
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513.3
RMS 186.3
wave n. 1947
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 613.1
RMS 140.2
wave n. 1948
mV
2000
1500
1000
500
0
0
100
200
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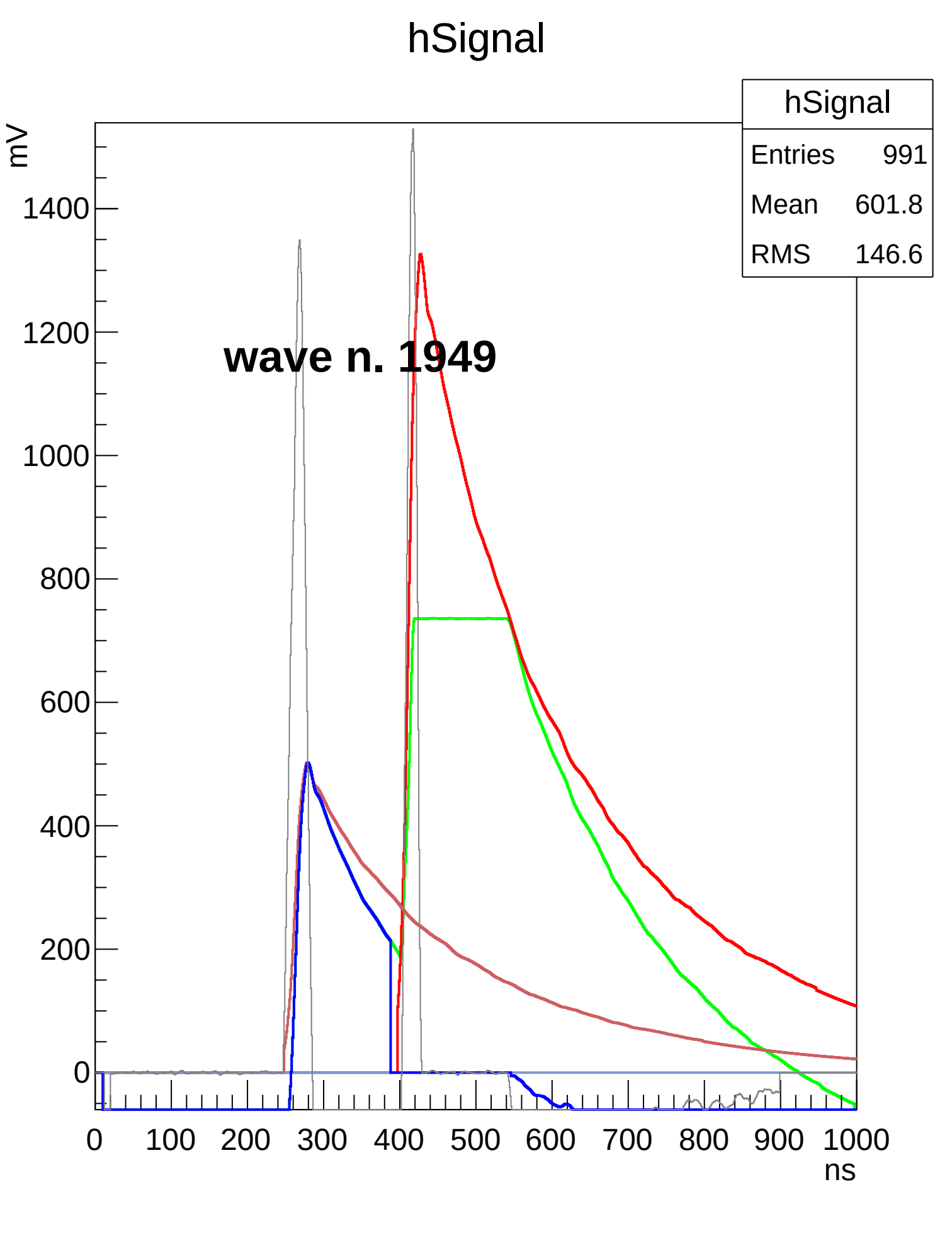
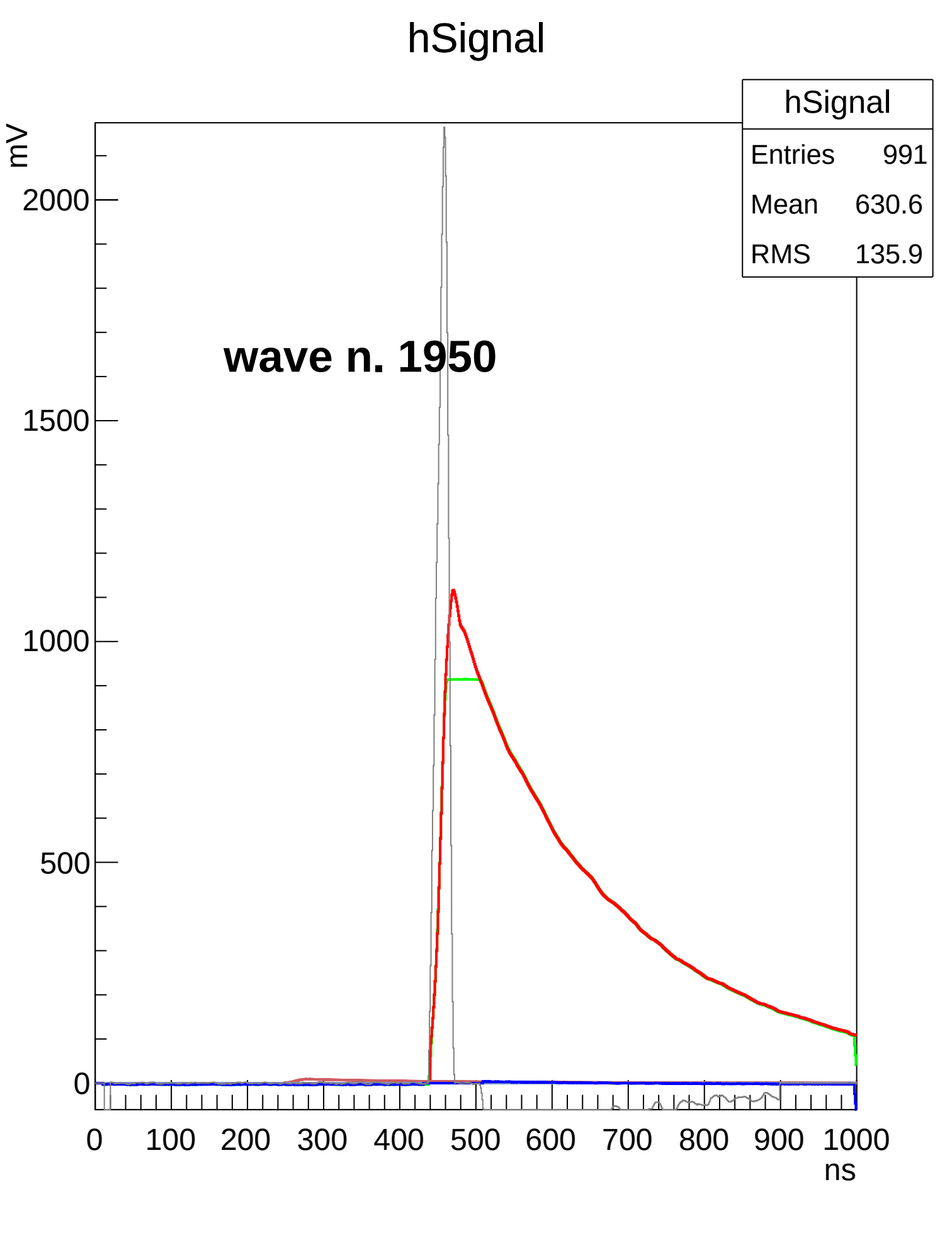
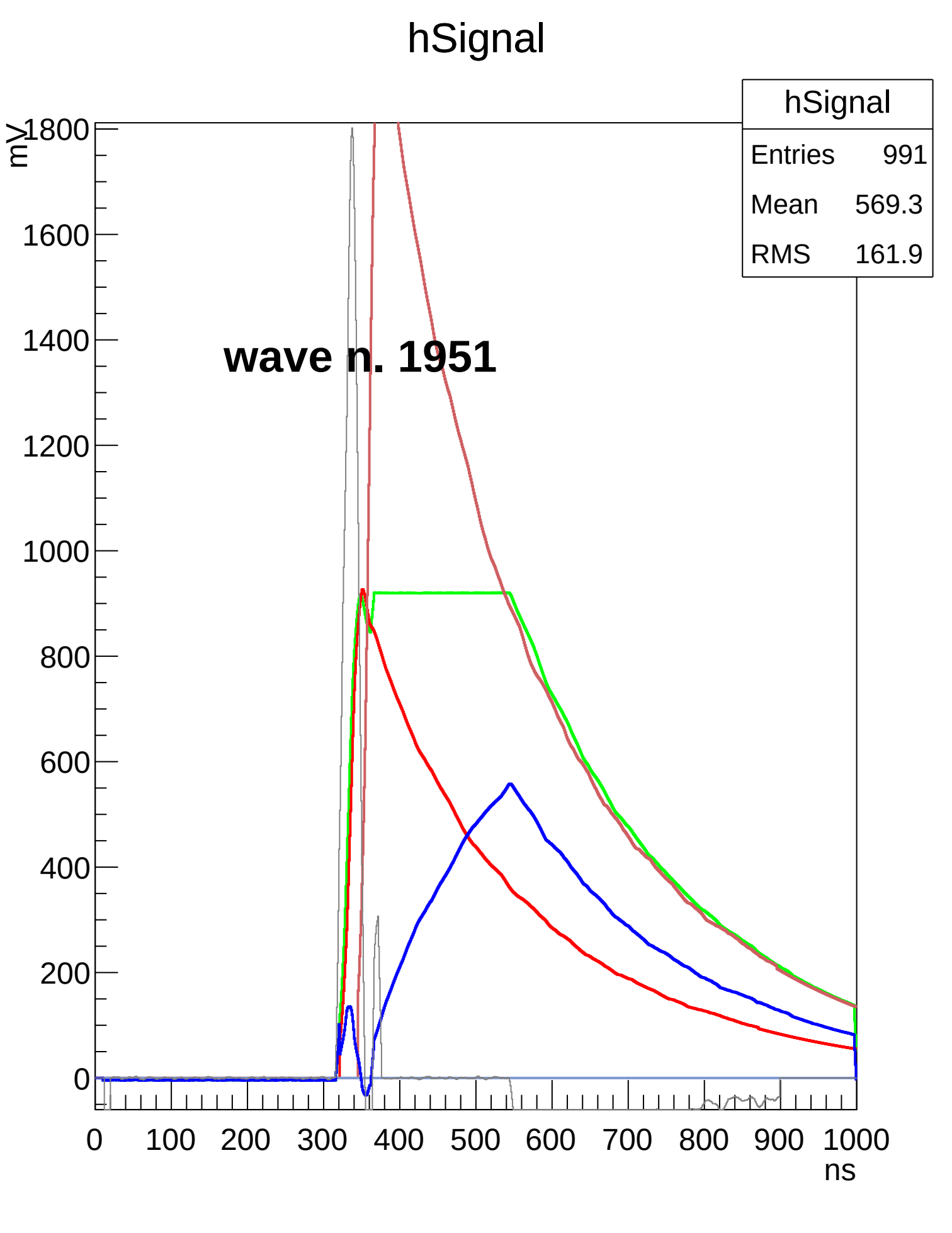
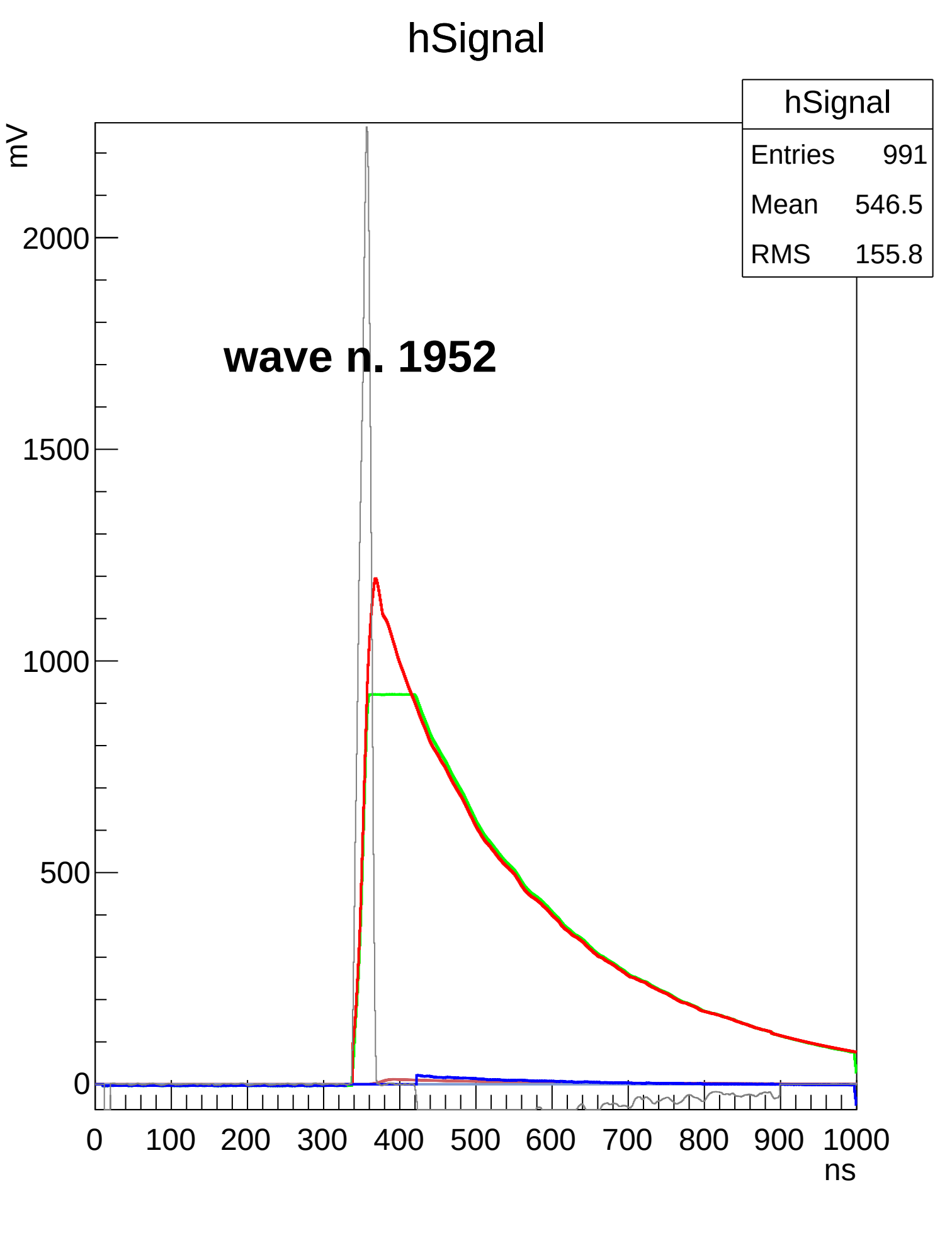
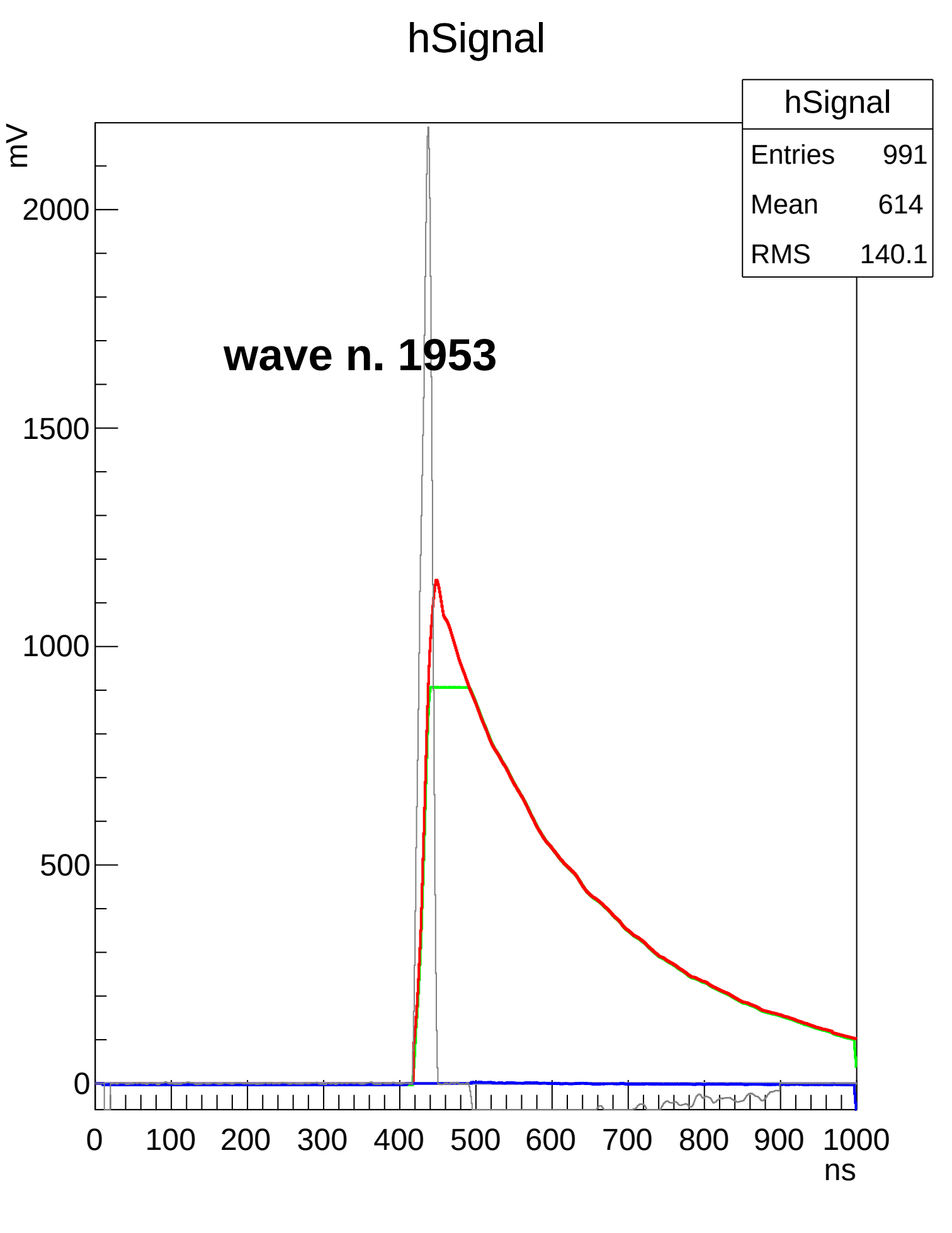
600
700
800
900
1000
ns

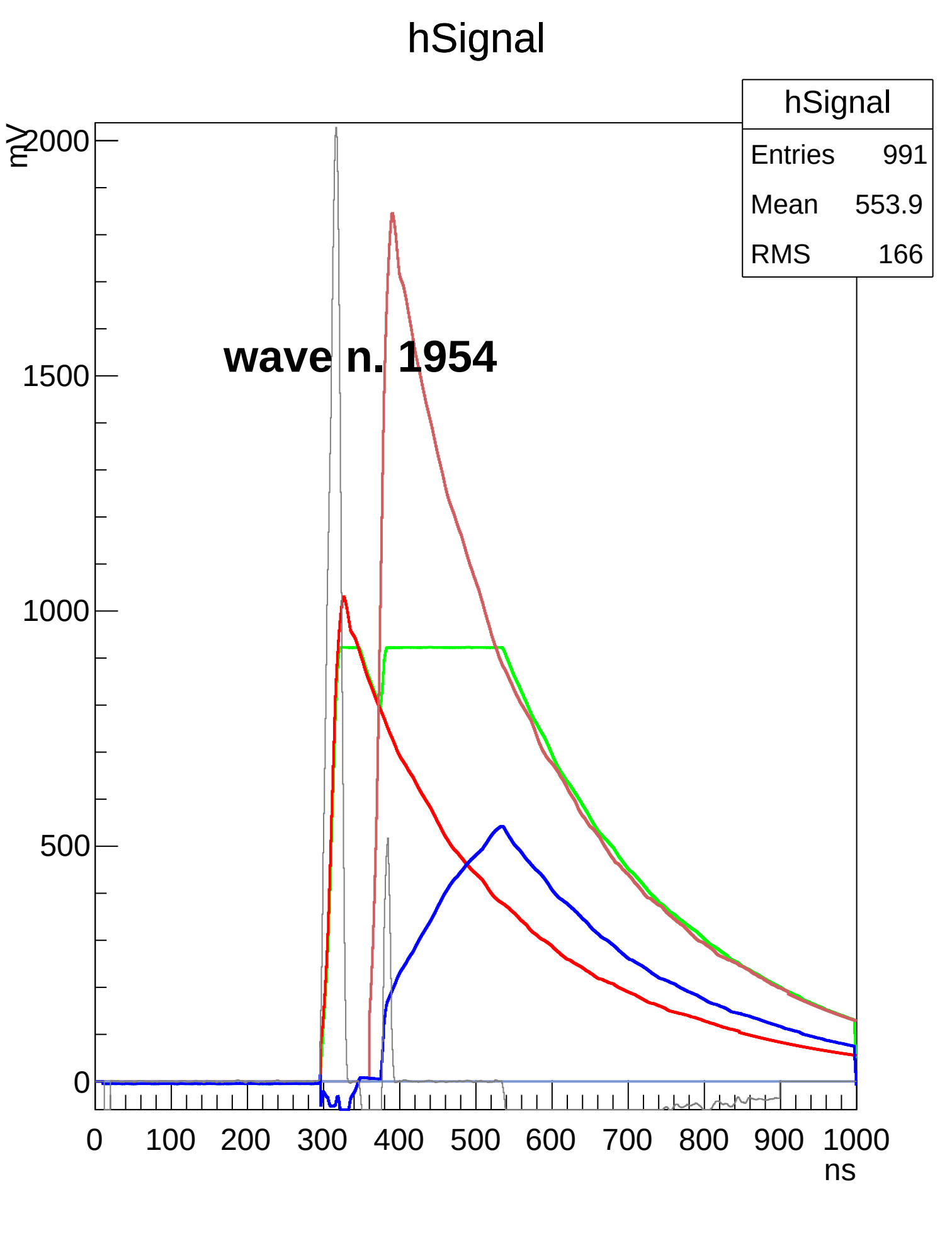

hSignal
hSignal
Entries 991
Mean 601.8
RMS 146.6
wave n. 1949
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

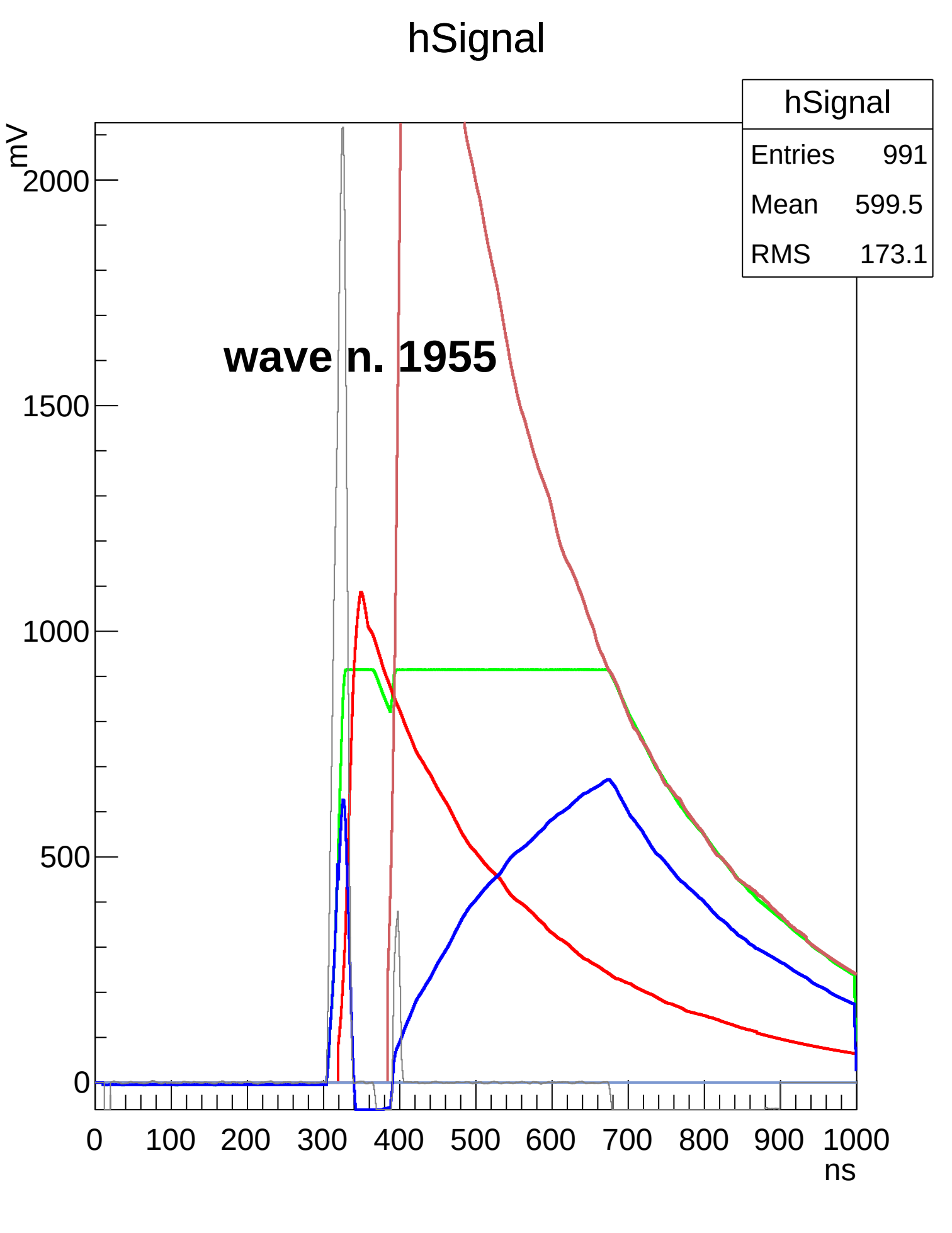

hSignal
hSignal
Entries 991
Mean 630.6
RMS 135.9
wave n. 1950
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

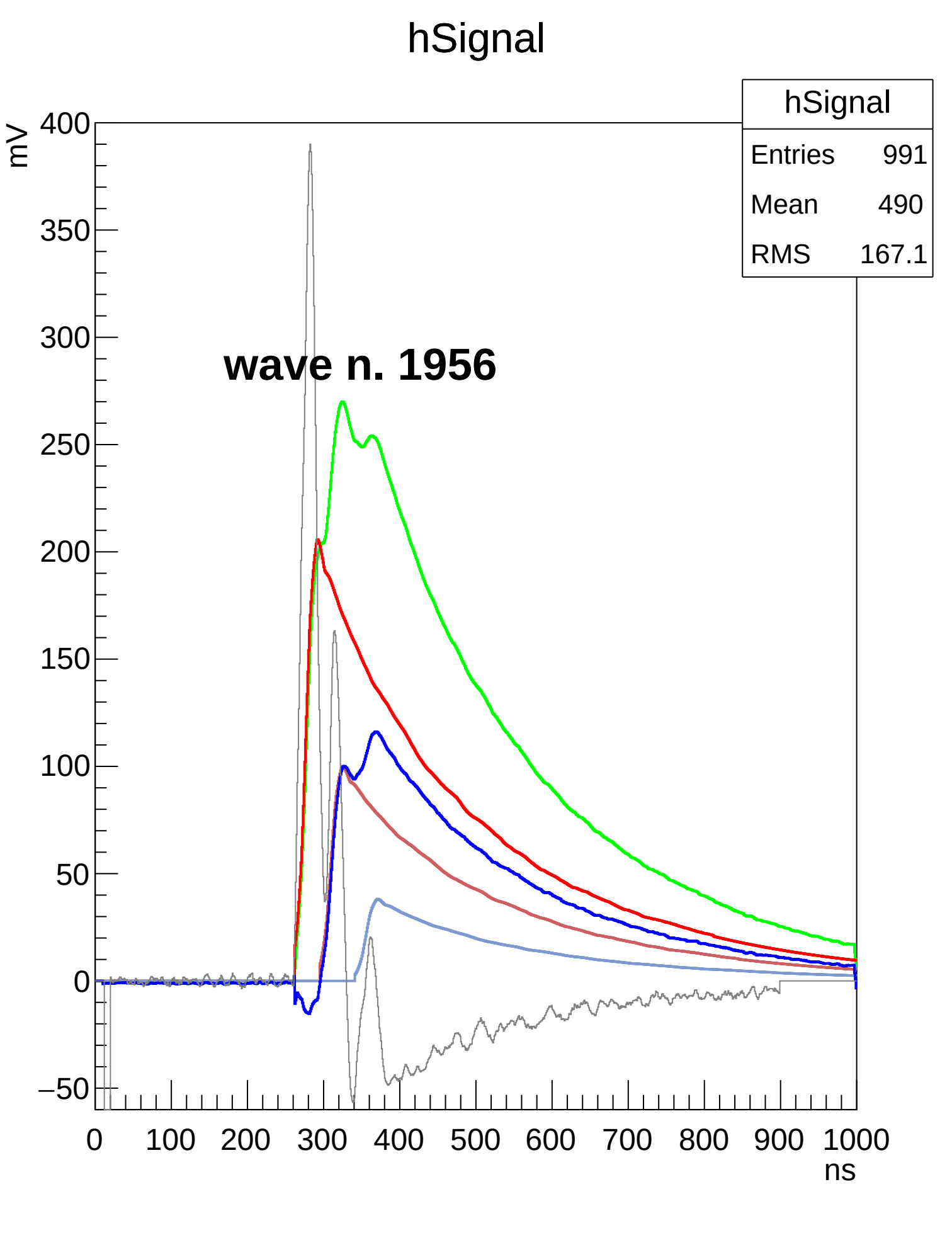

hSignal
hSignal
Entries 991
Mean 569.3
RMS 161.9
wave n. 1951
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

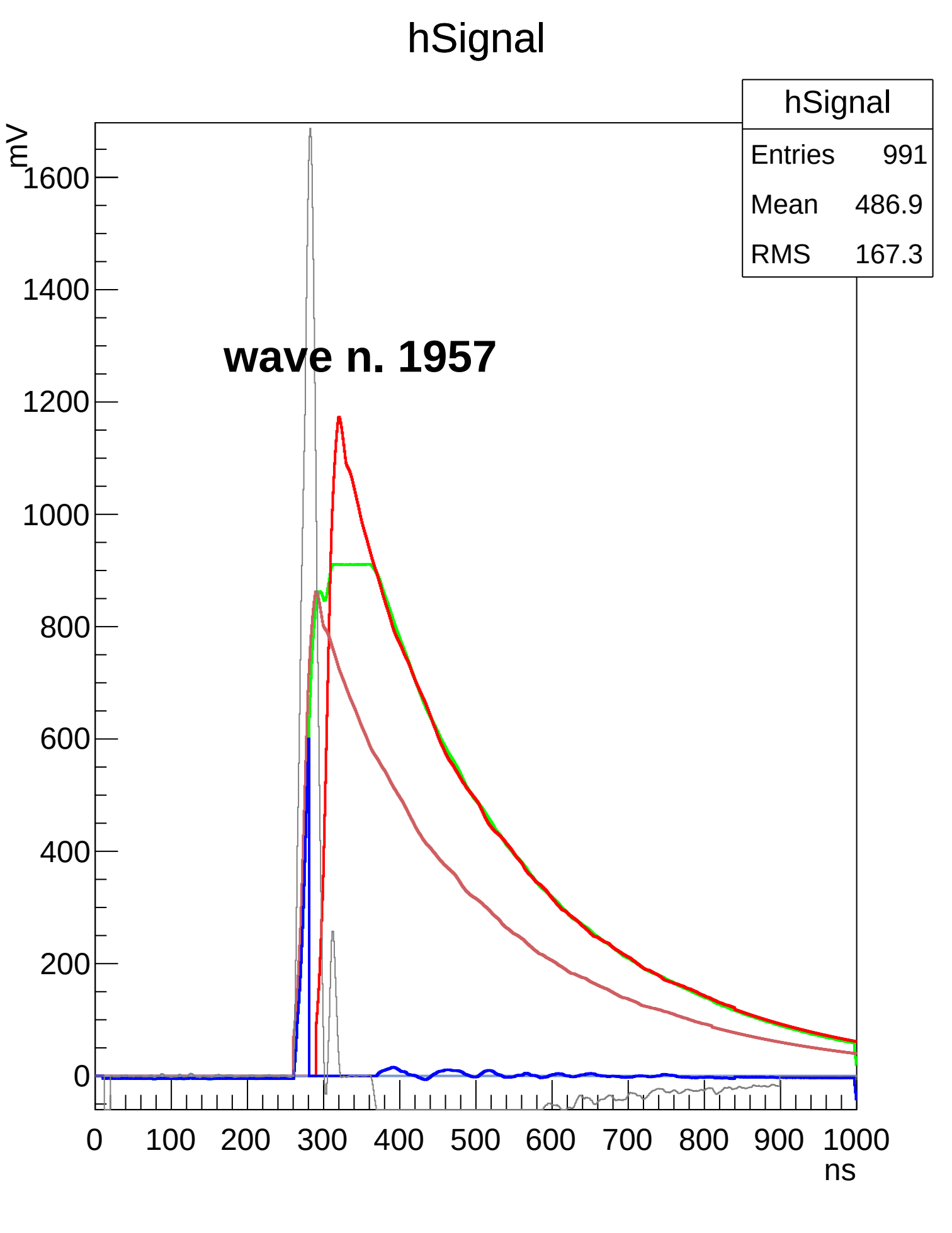

hSignal
hSignal
Entries 991
Mean 546.5
RMS 155.8
wave n. 1952
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

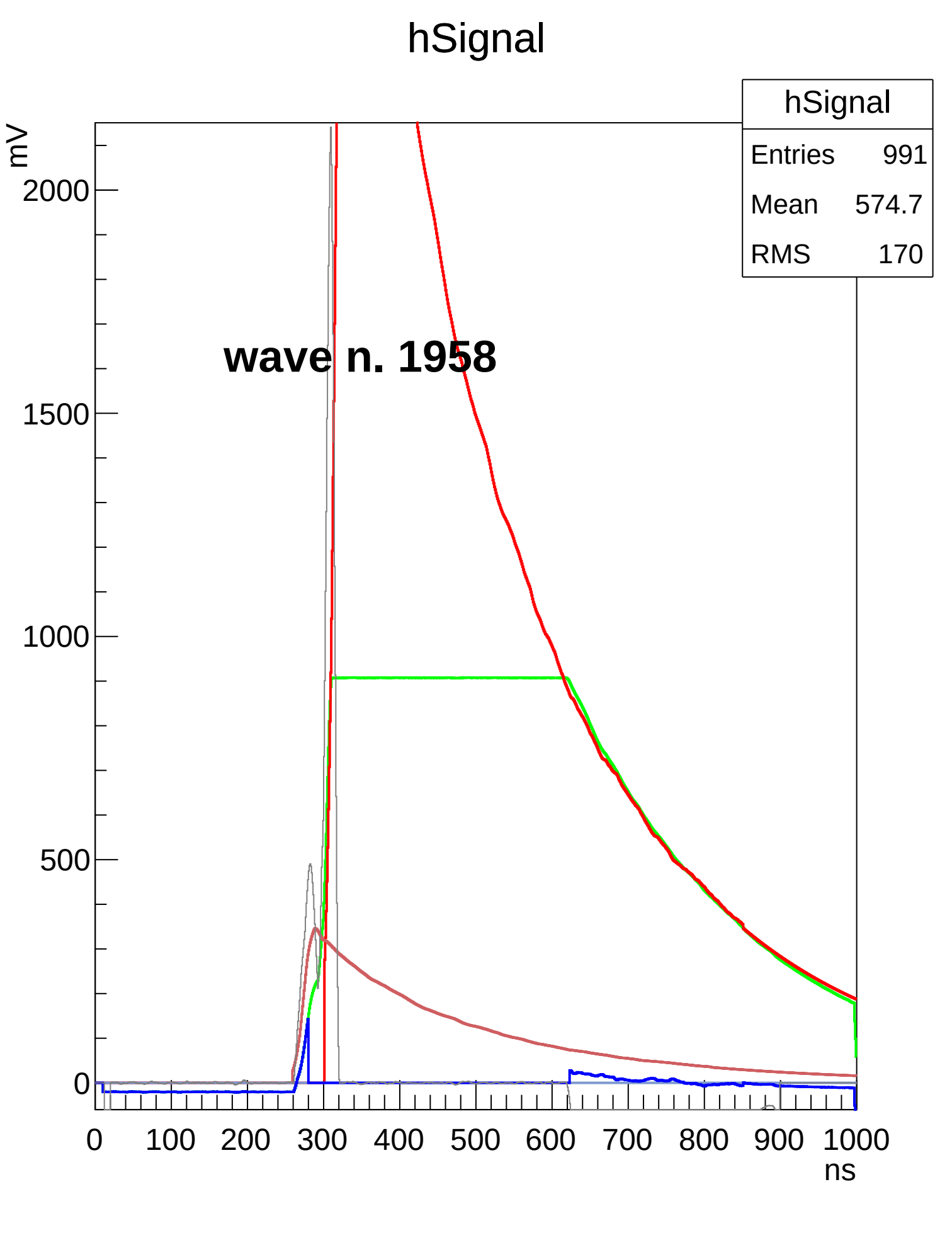

hSignal
hSignal
Entries 991
Mean 614
RMS 140.1
wave n. 1953
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

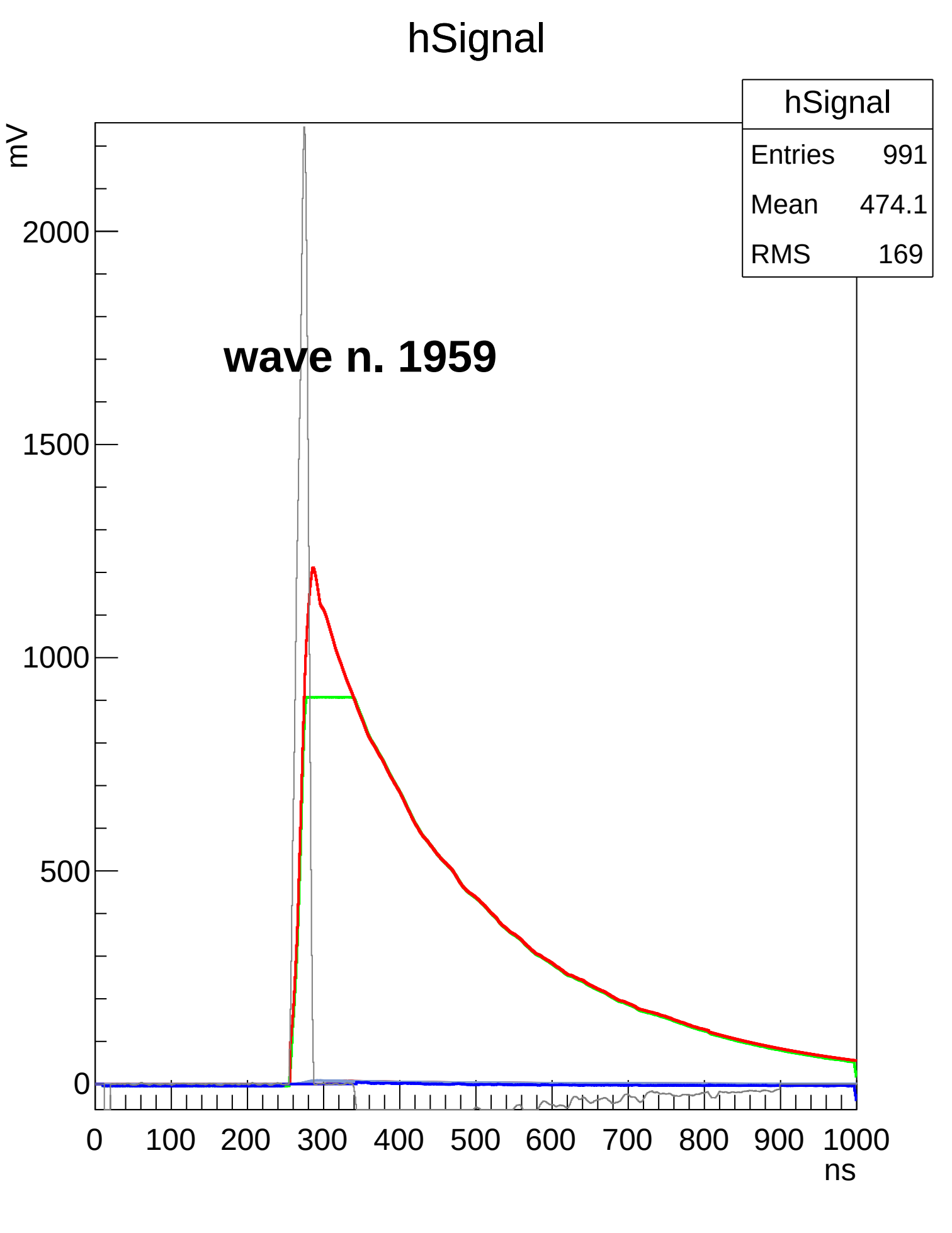

hSignal
hSignal
Entries 991
Mean 553.9
RMS 166
wave n. 1954
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

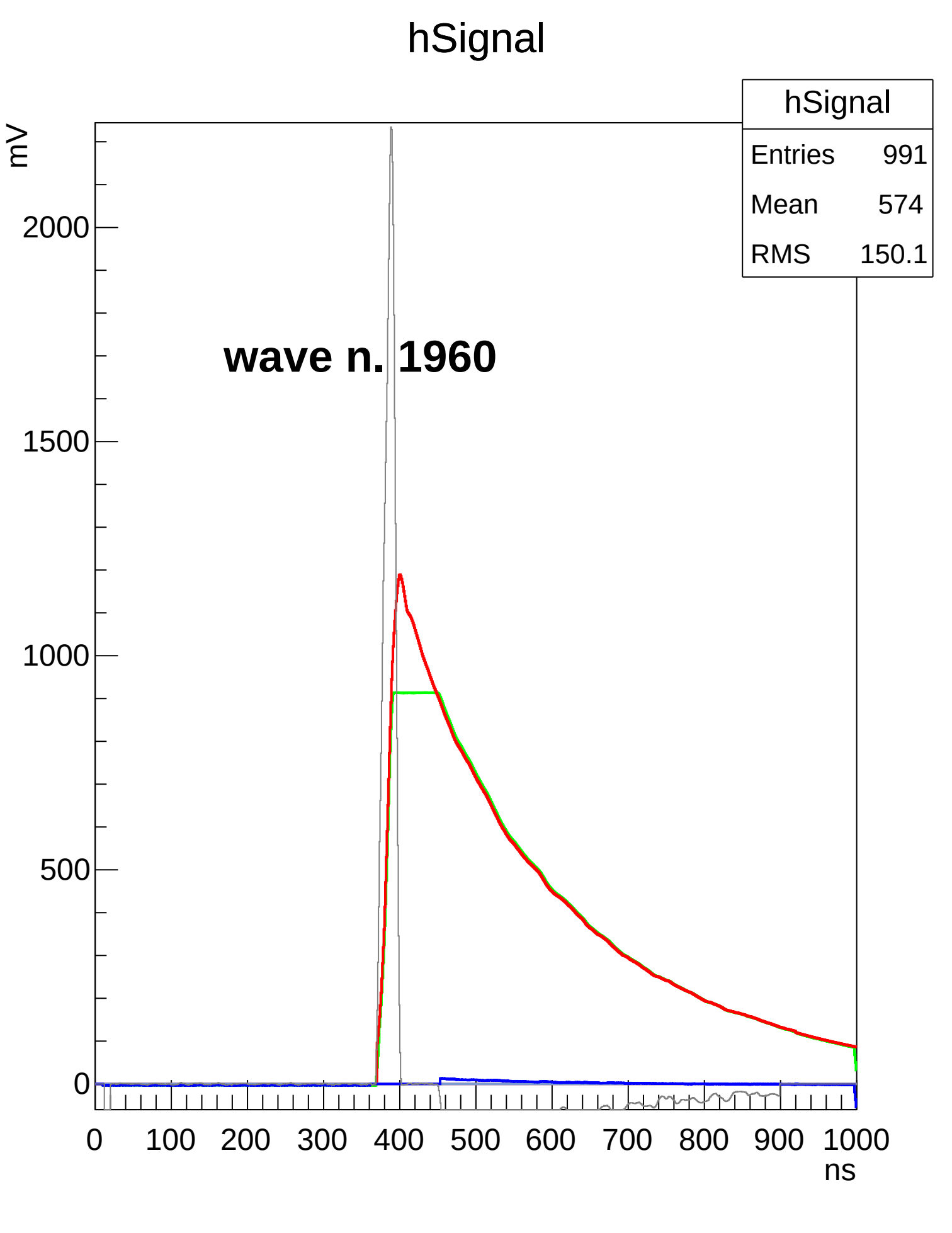

hSignal
hSignal
Entries 991
Mean 599.5
RMS 173.1
wave n. 1955
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

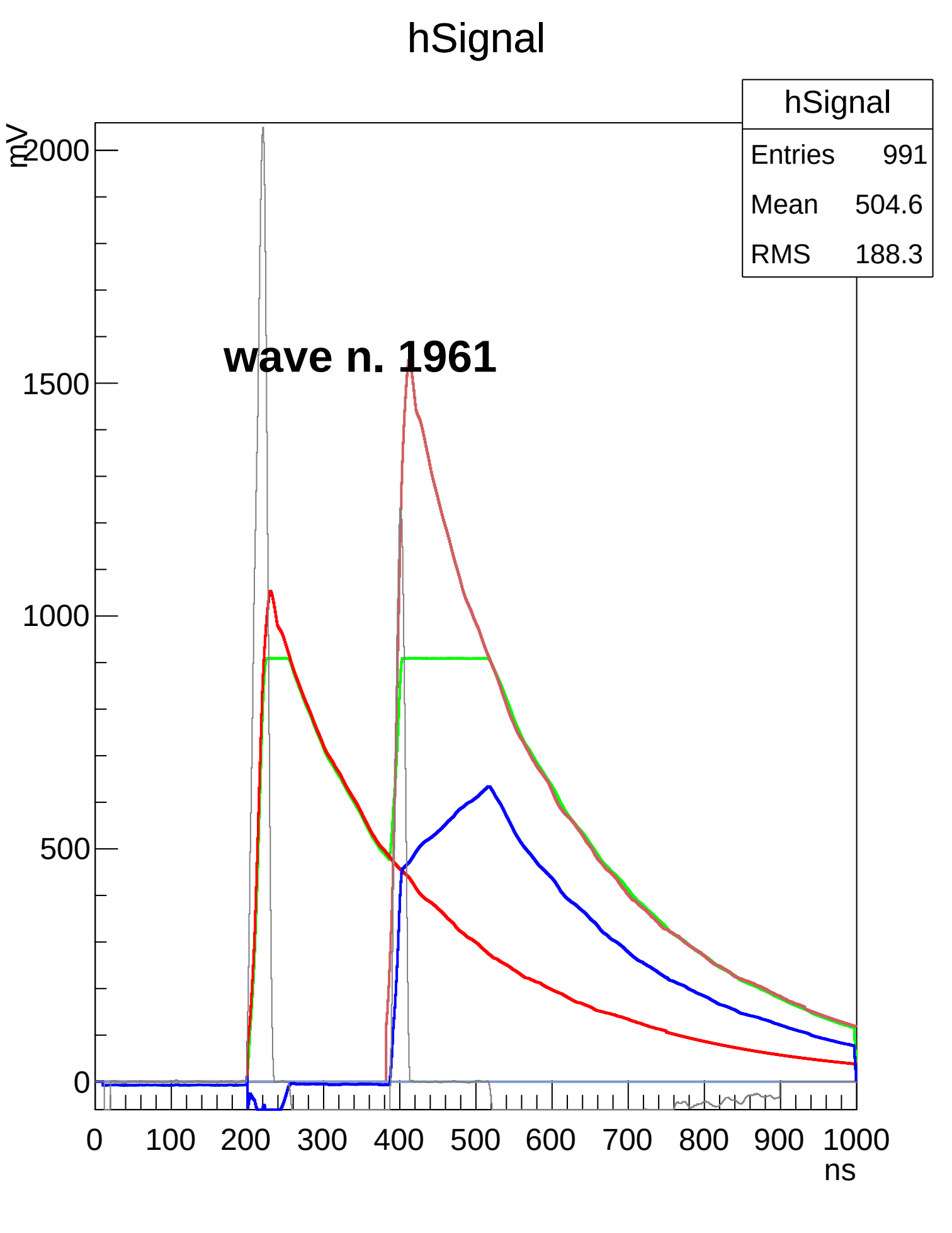

hSignal
hSignal
Entries 991
Mean 490
RMS 167.1
wave n. 1956
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486.9
RMS 167.3
wave n. 1957
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 574.7
RMS 170
wave n. 1958
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 474.1
RMS 169
wave n. 1959
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 574
RMS 150.1
wave n. 1960
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 504.6
RMS 188.3
wave n. 1961
mV
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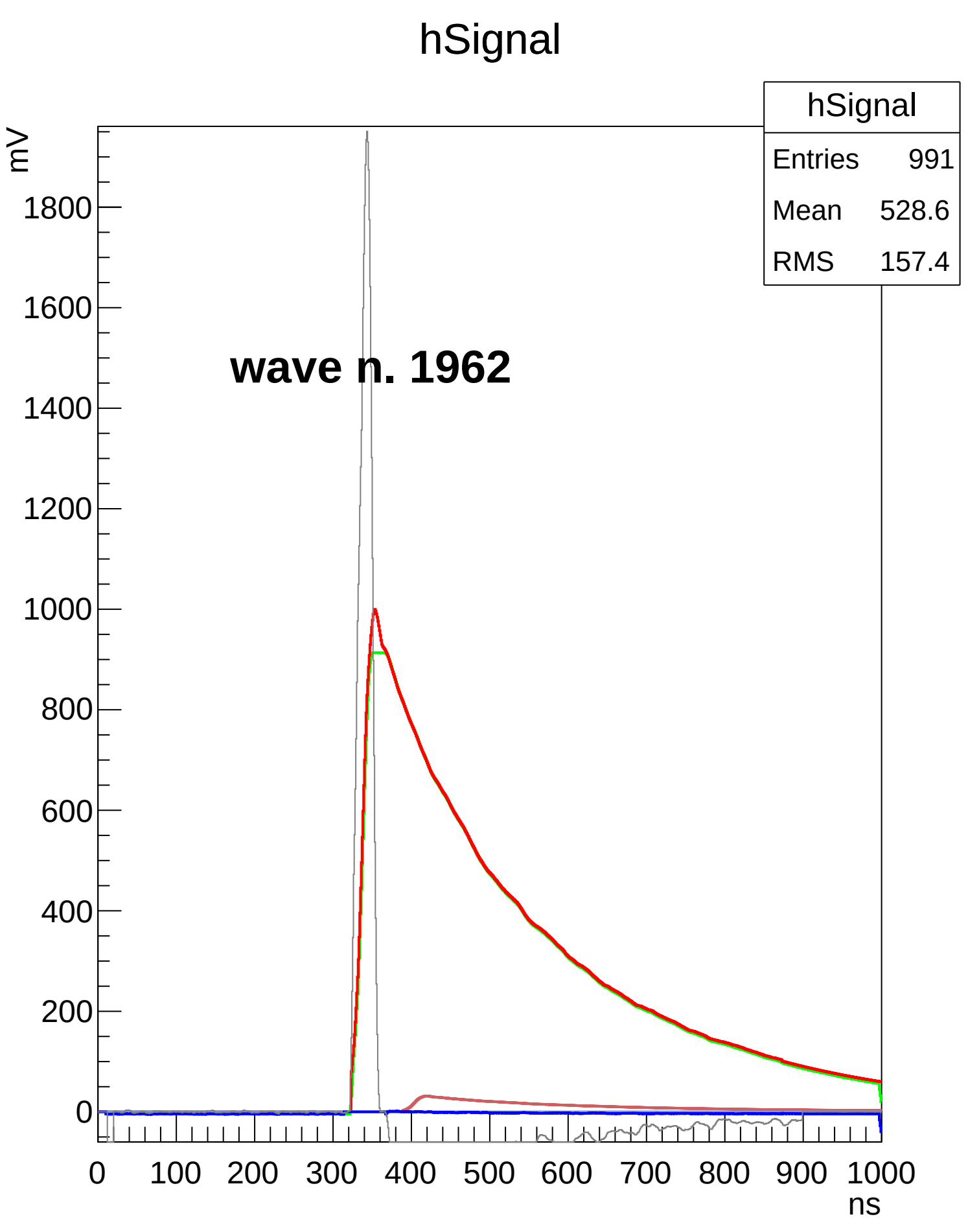
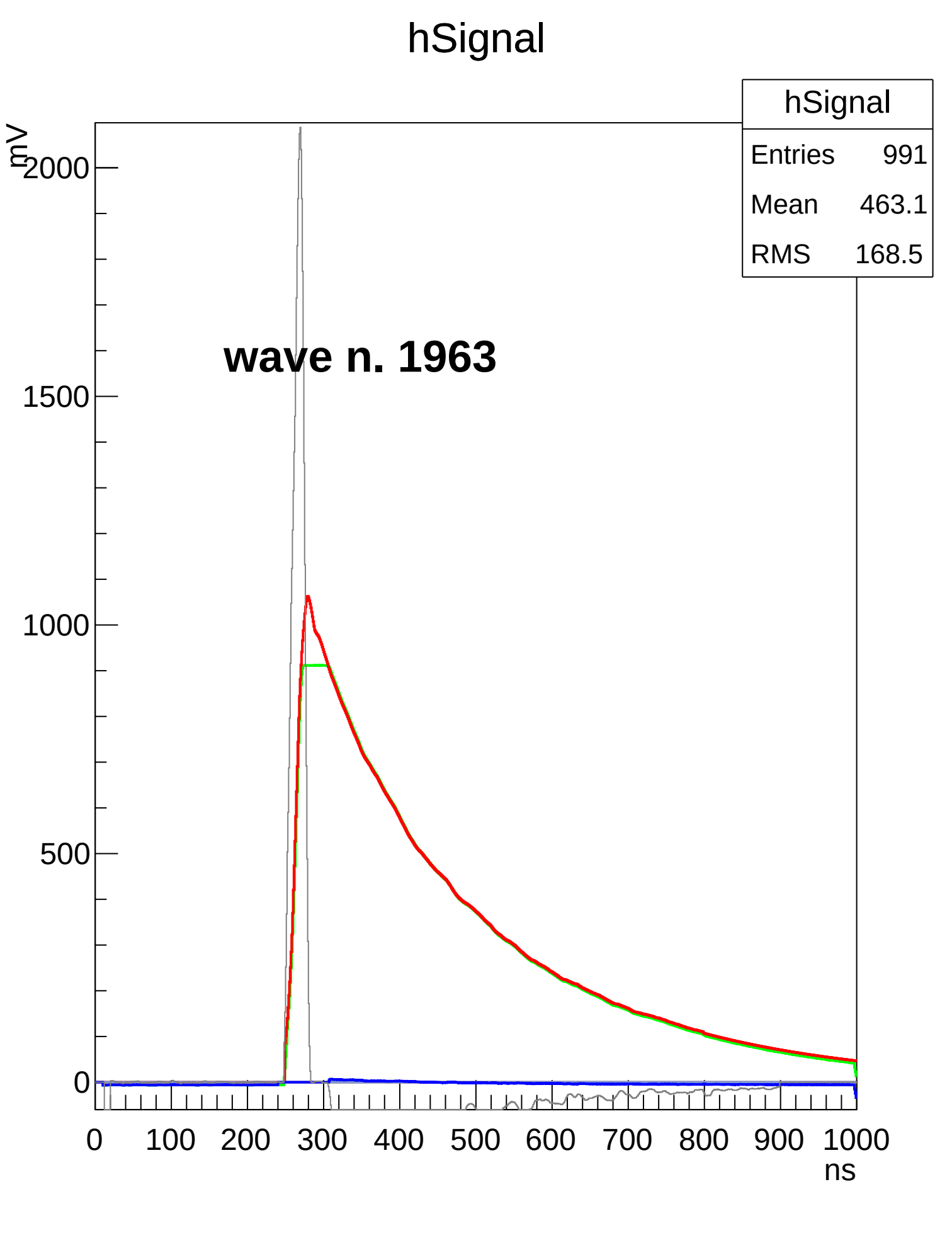
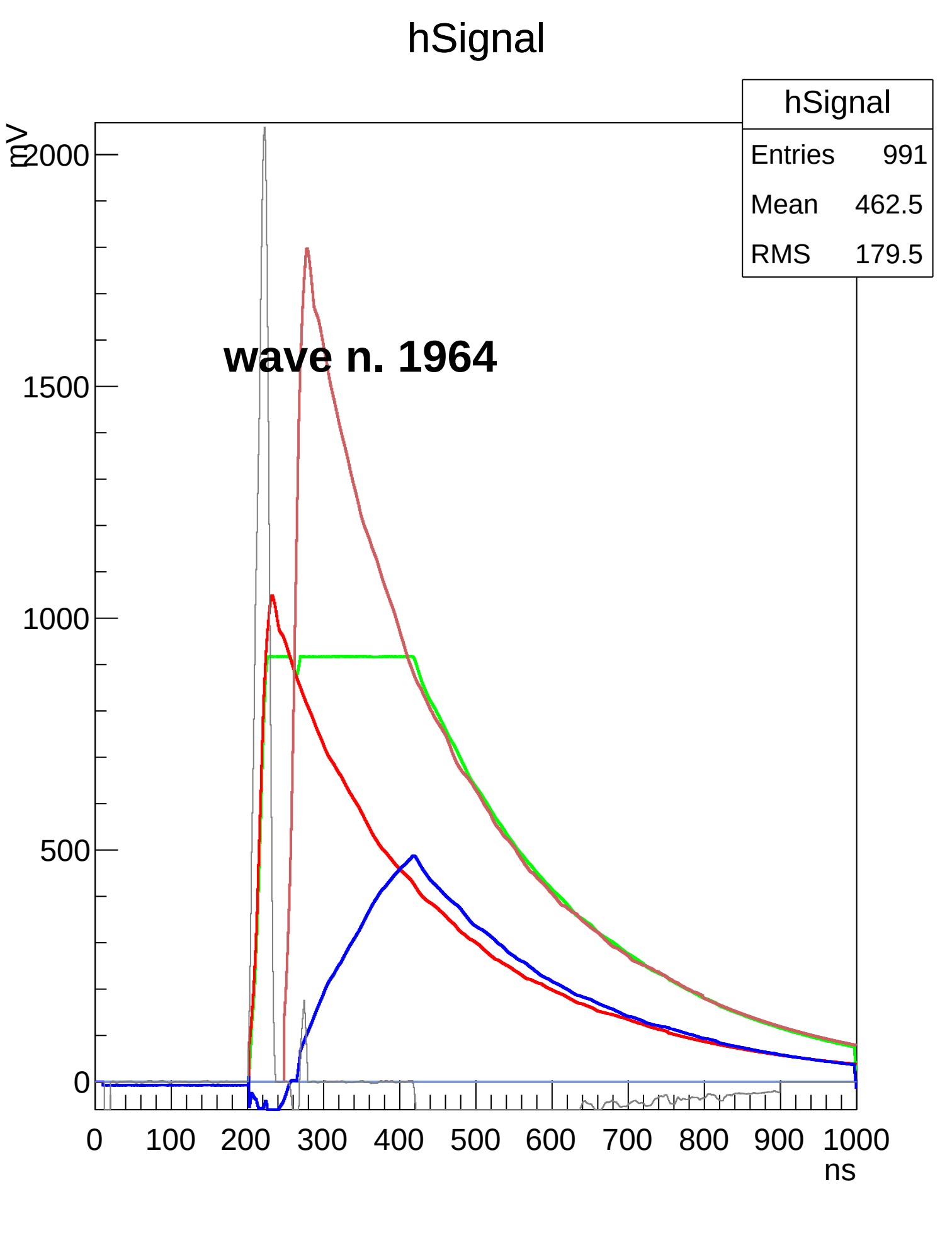
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 528.6
RMS 157.4
wave n. 1962
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 463.1
RMS 168.5
wave n. 1963
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 462.5
RMS 179.5
wave n. 1964
mV
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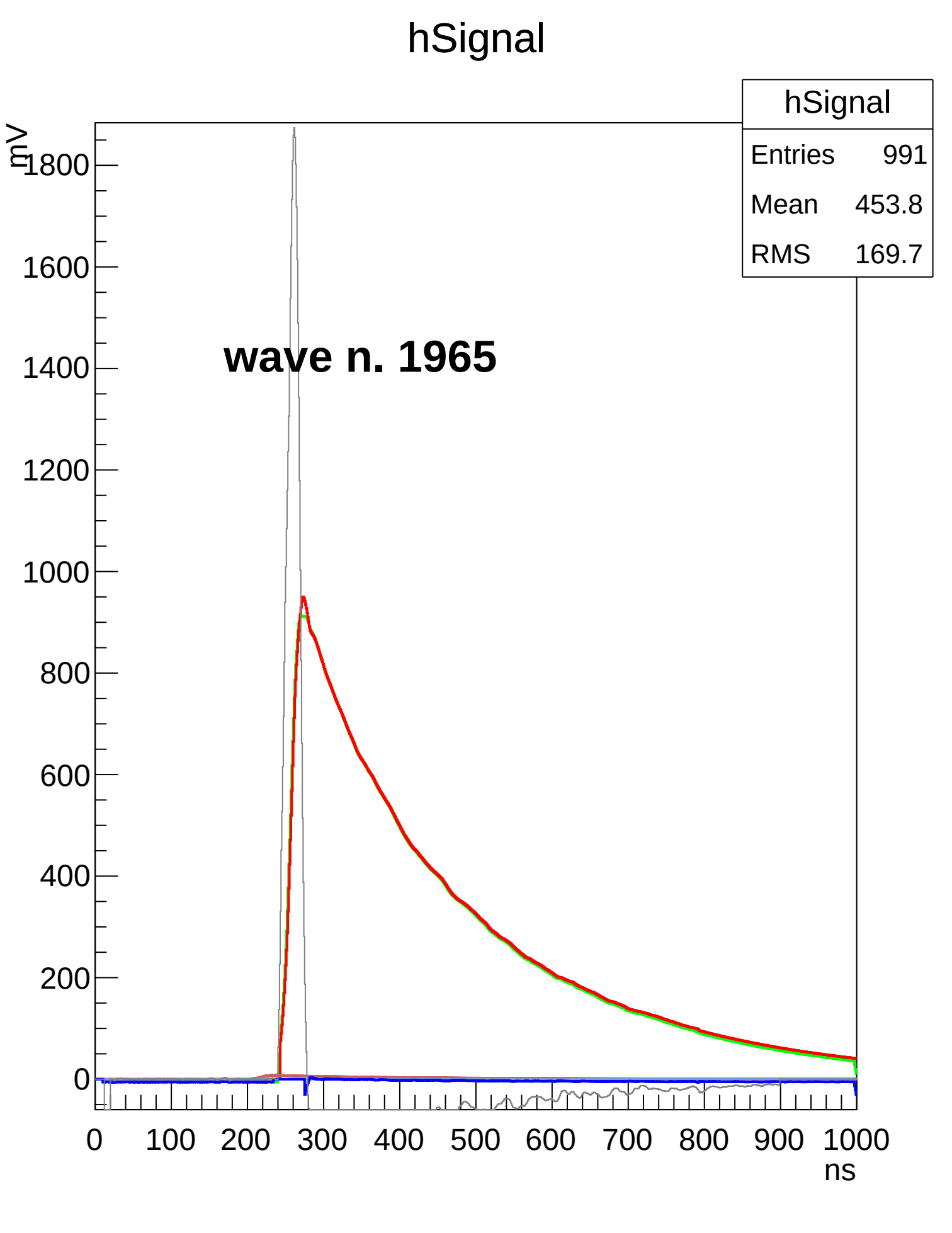
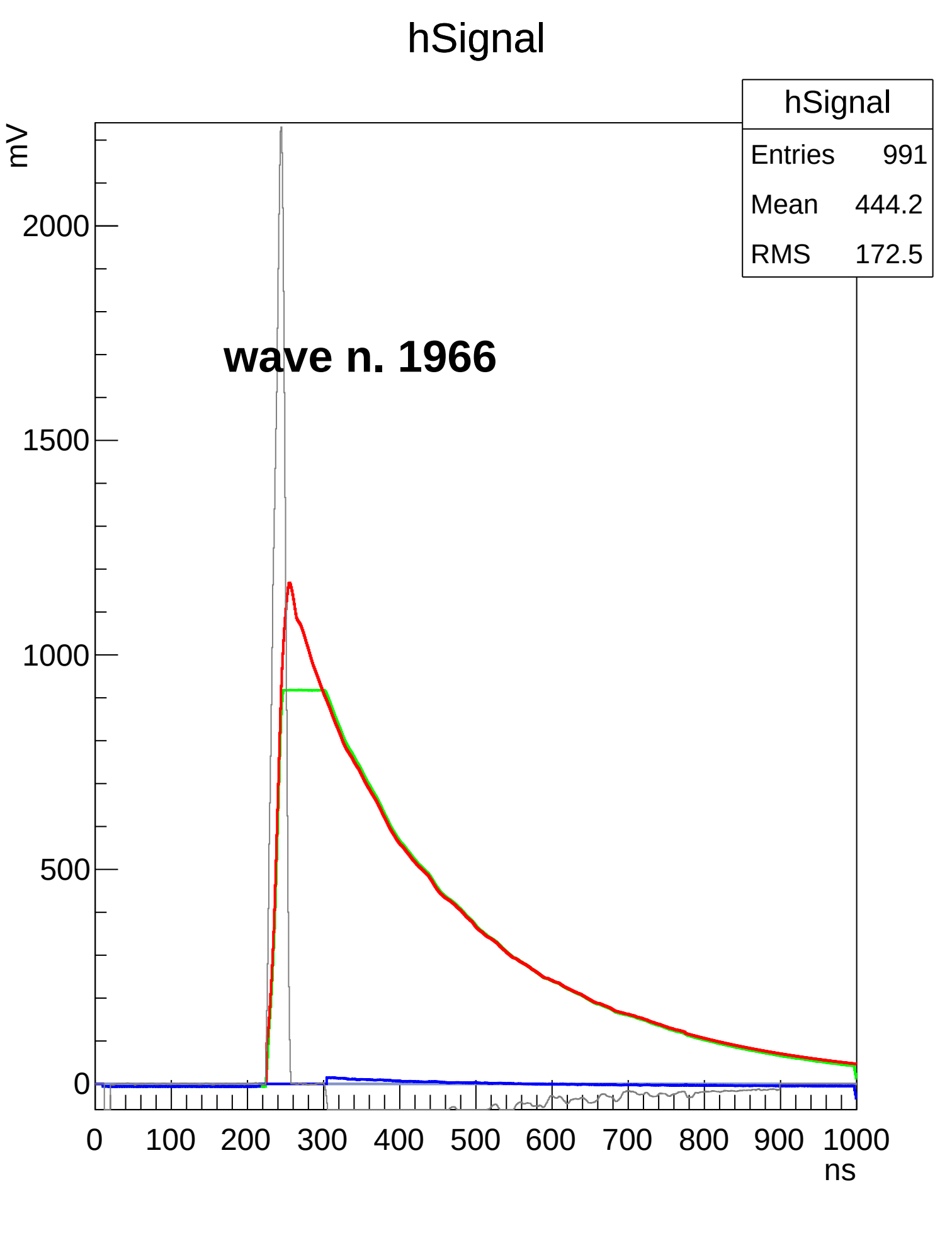
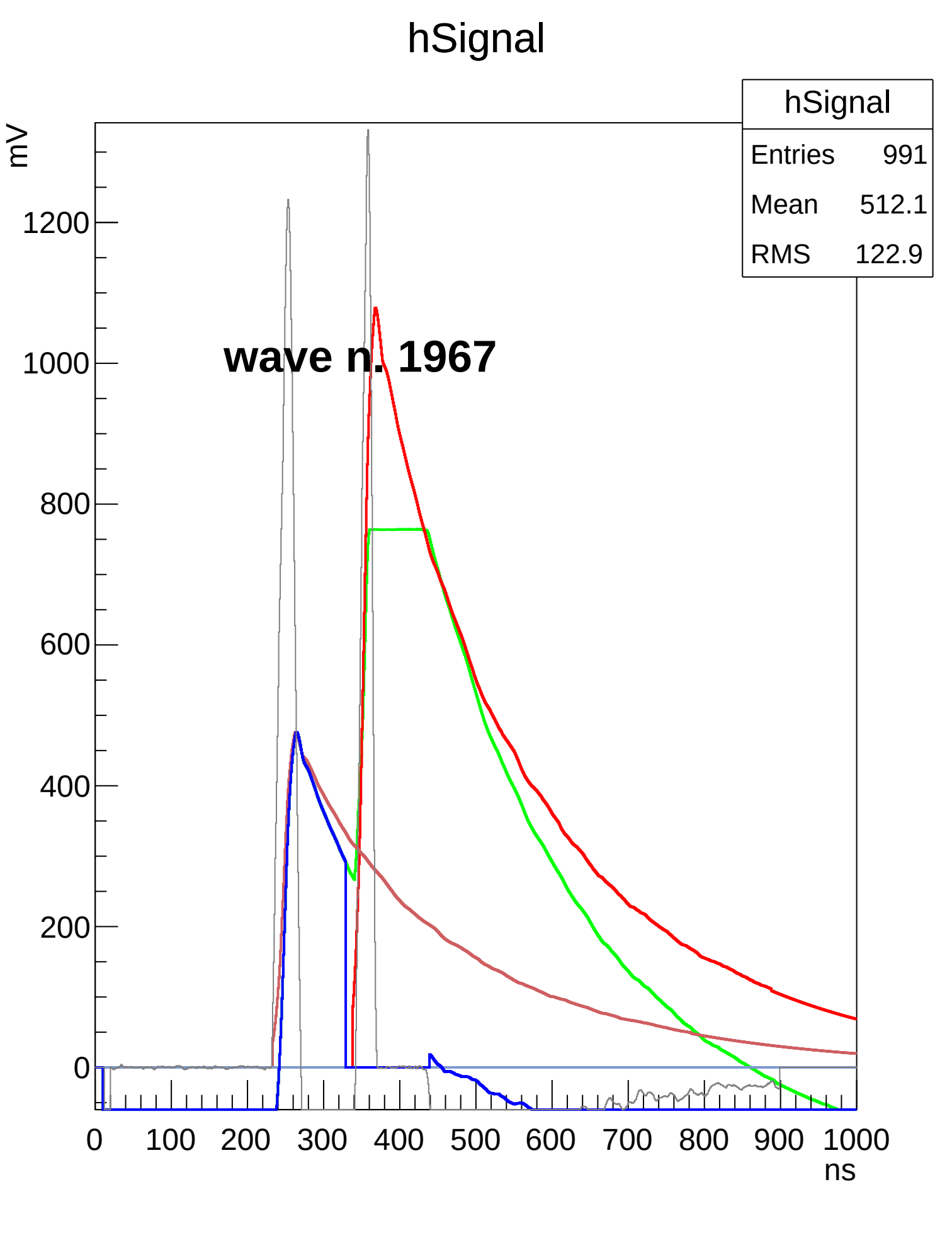
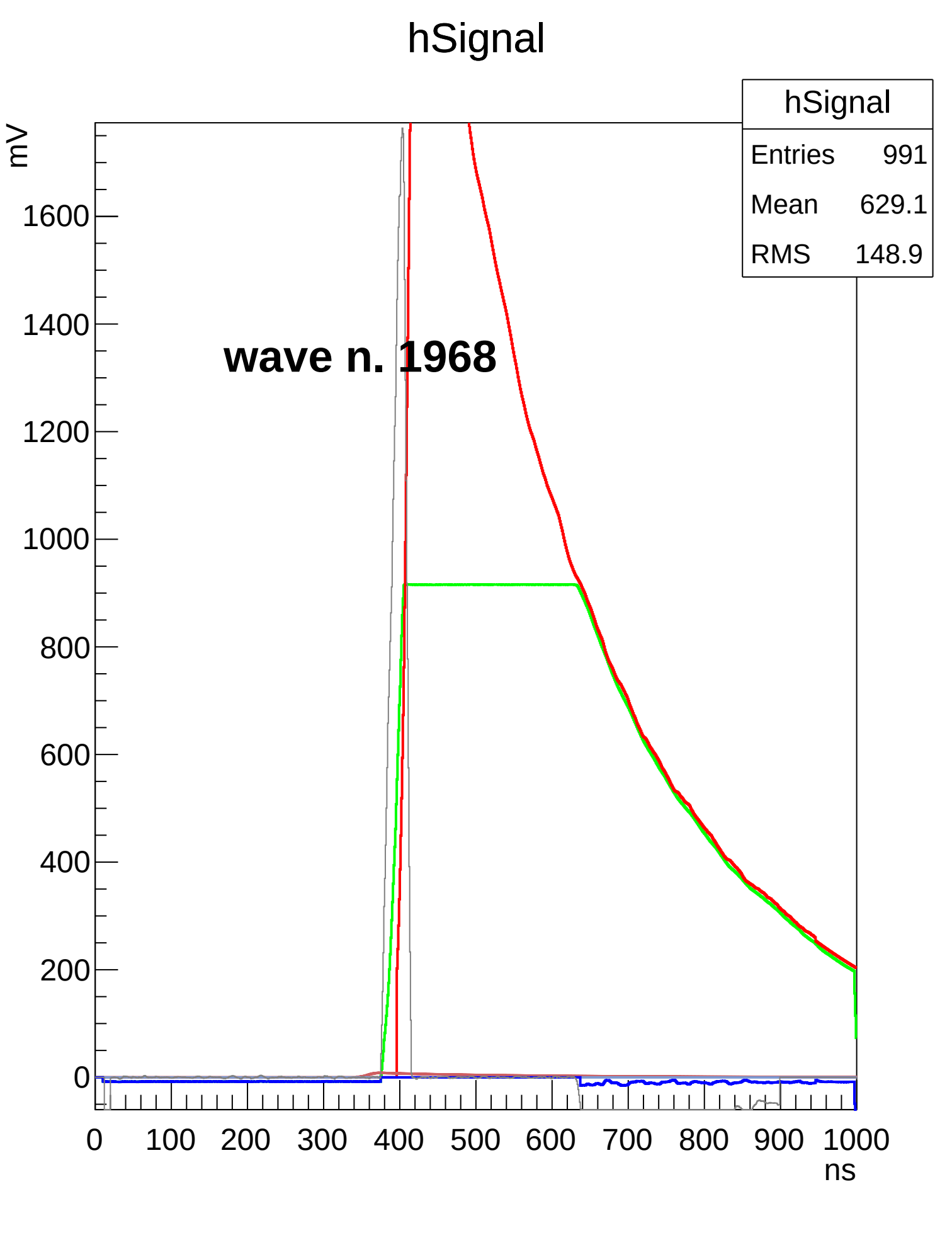
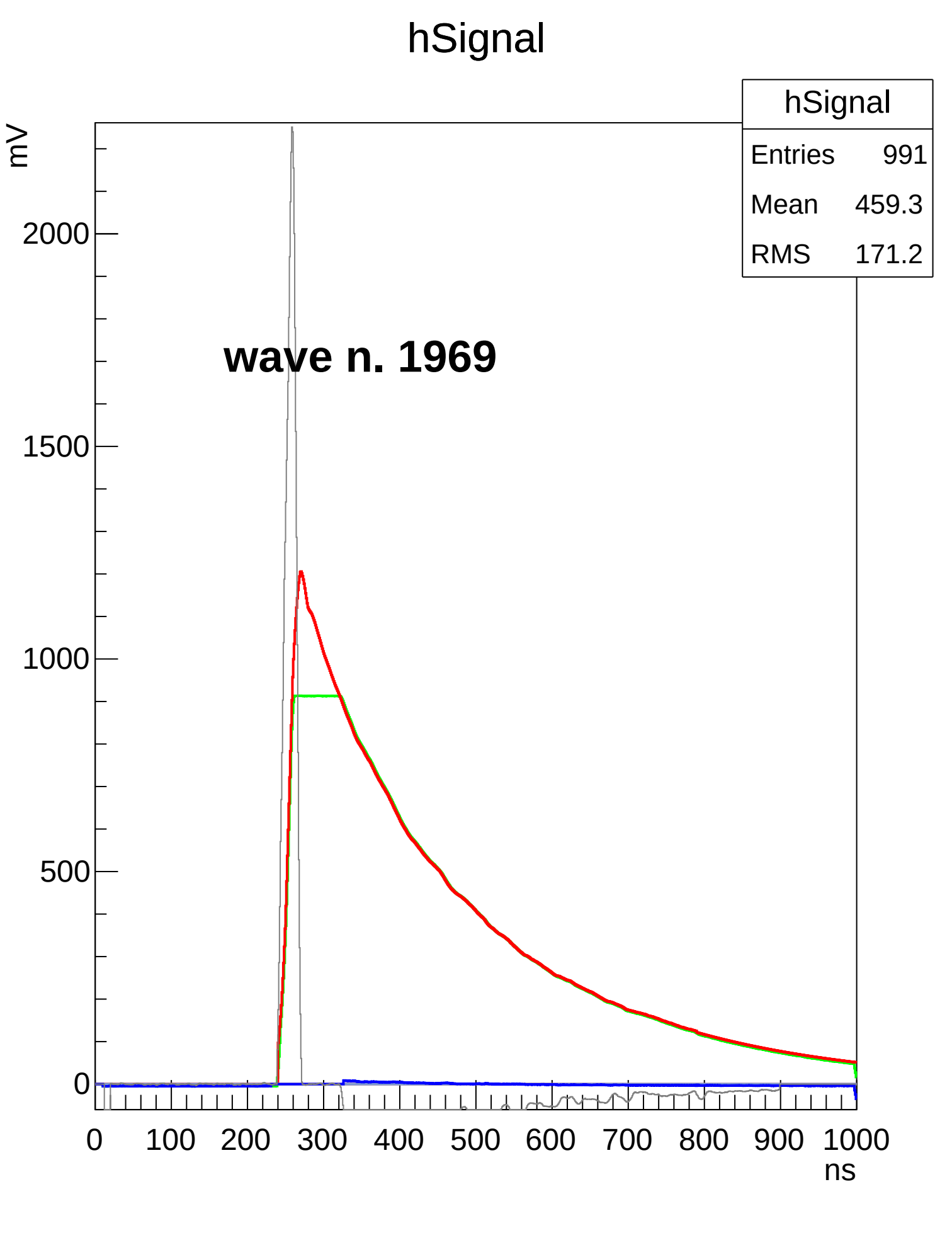
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 453.8
RMS 169.7
wave n. 1965
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 444.2
RMS 172.5
wave n. 1966
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.1
RMS 122.9
wave n. 1967
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 629.1
RMS 148.9
wave n. 1968
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 459.3
RMS 171.2
wave n. 1969
mV
2000
1500
1000
500
0
0
100
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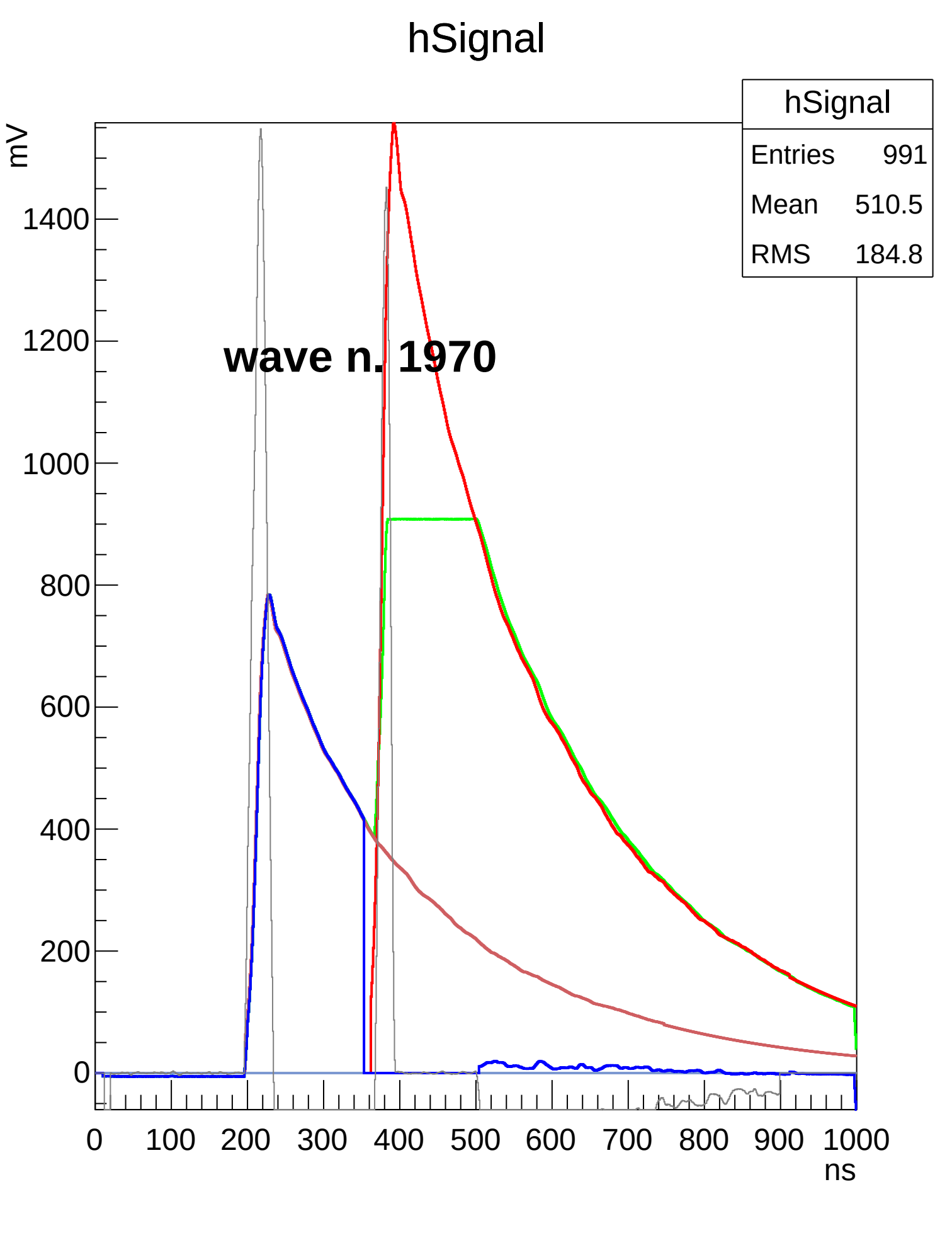
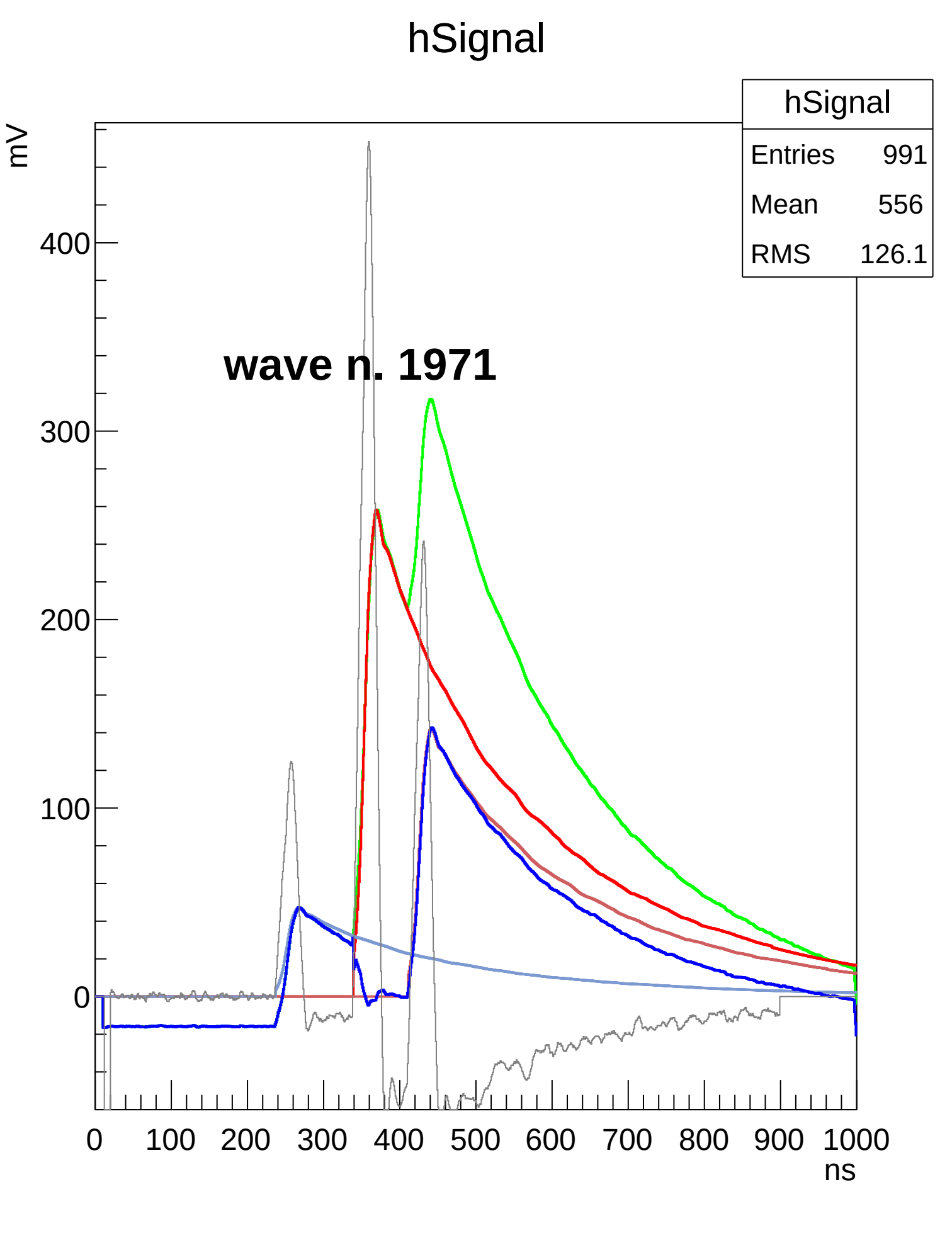
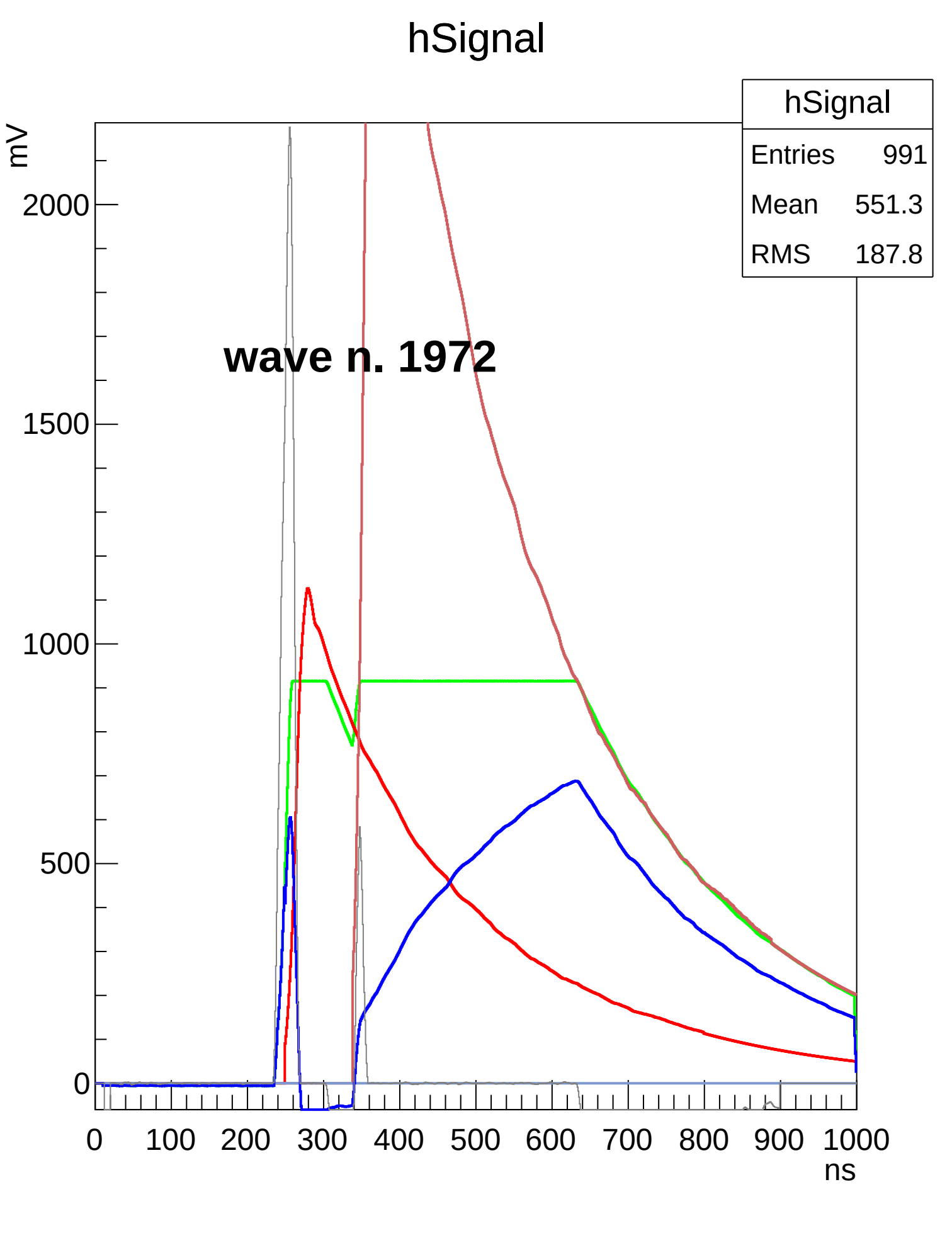
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.5
RMS 184.8
wave n. 1970
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 556
RMS 126.1
wave n. 1971
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 551.3
RMS 187.8
wave n. 1972
mV
2000
1500
1000
500
0
0
100
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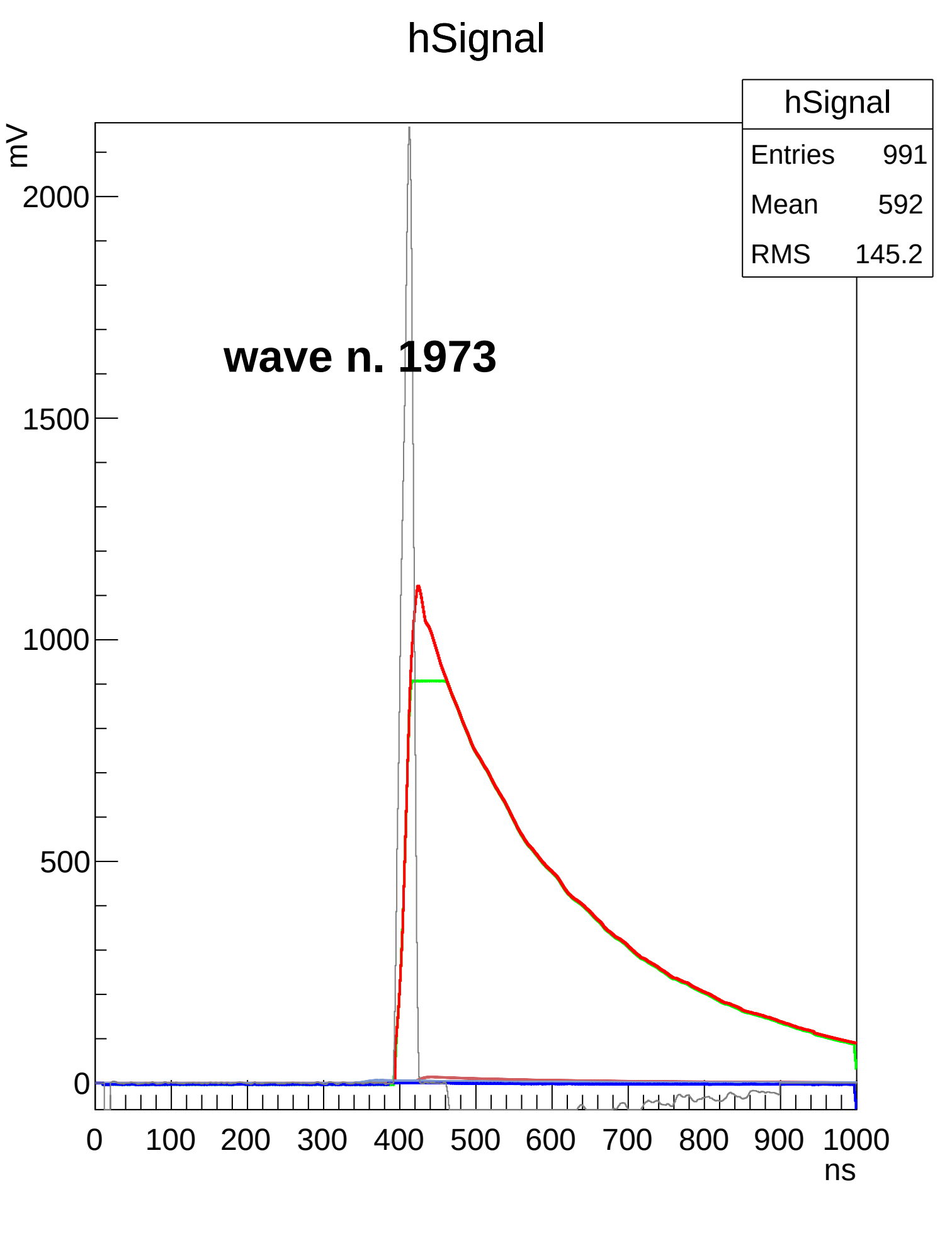
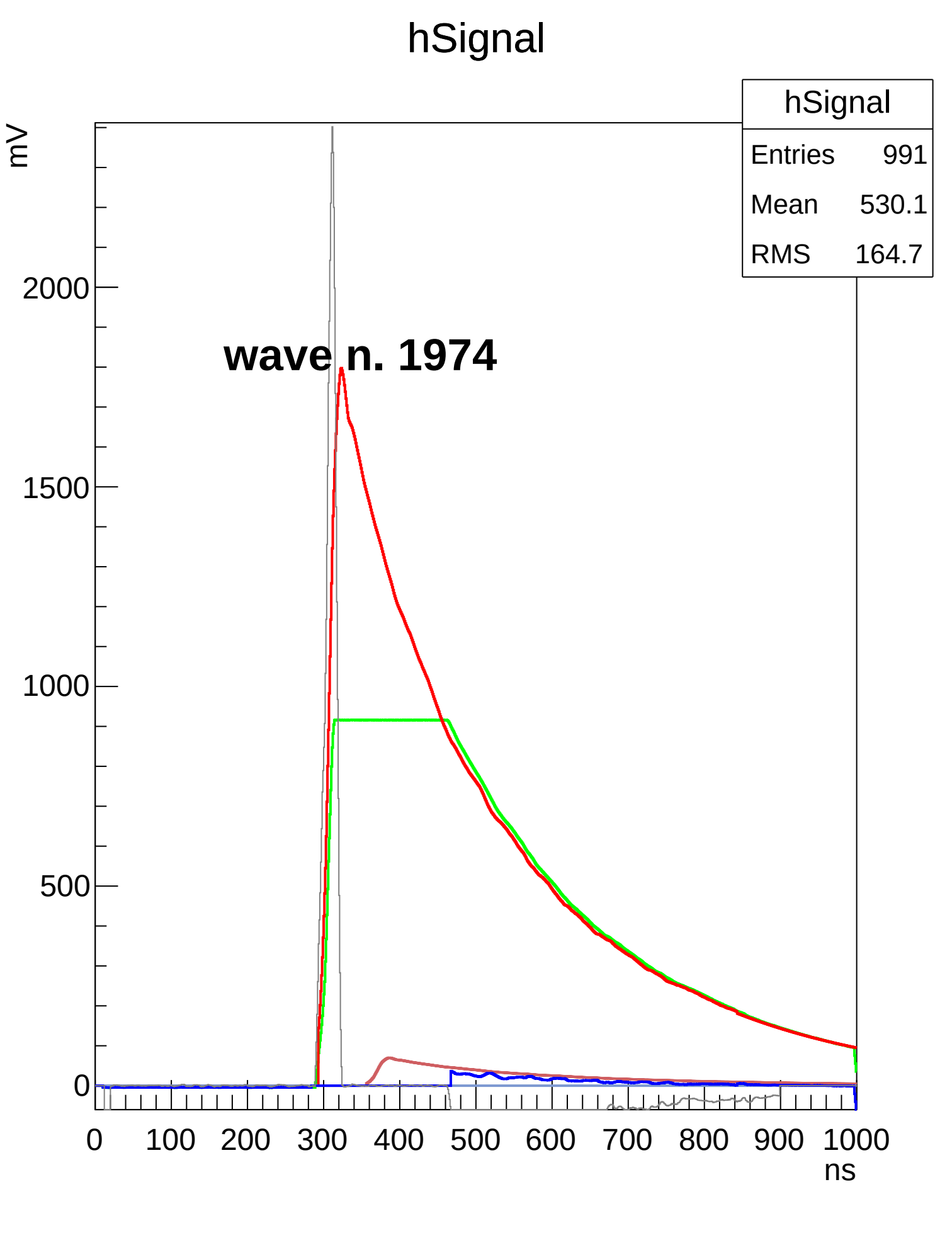
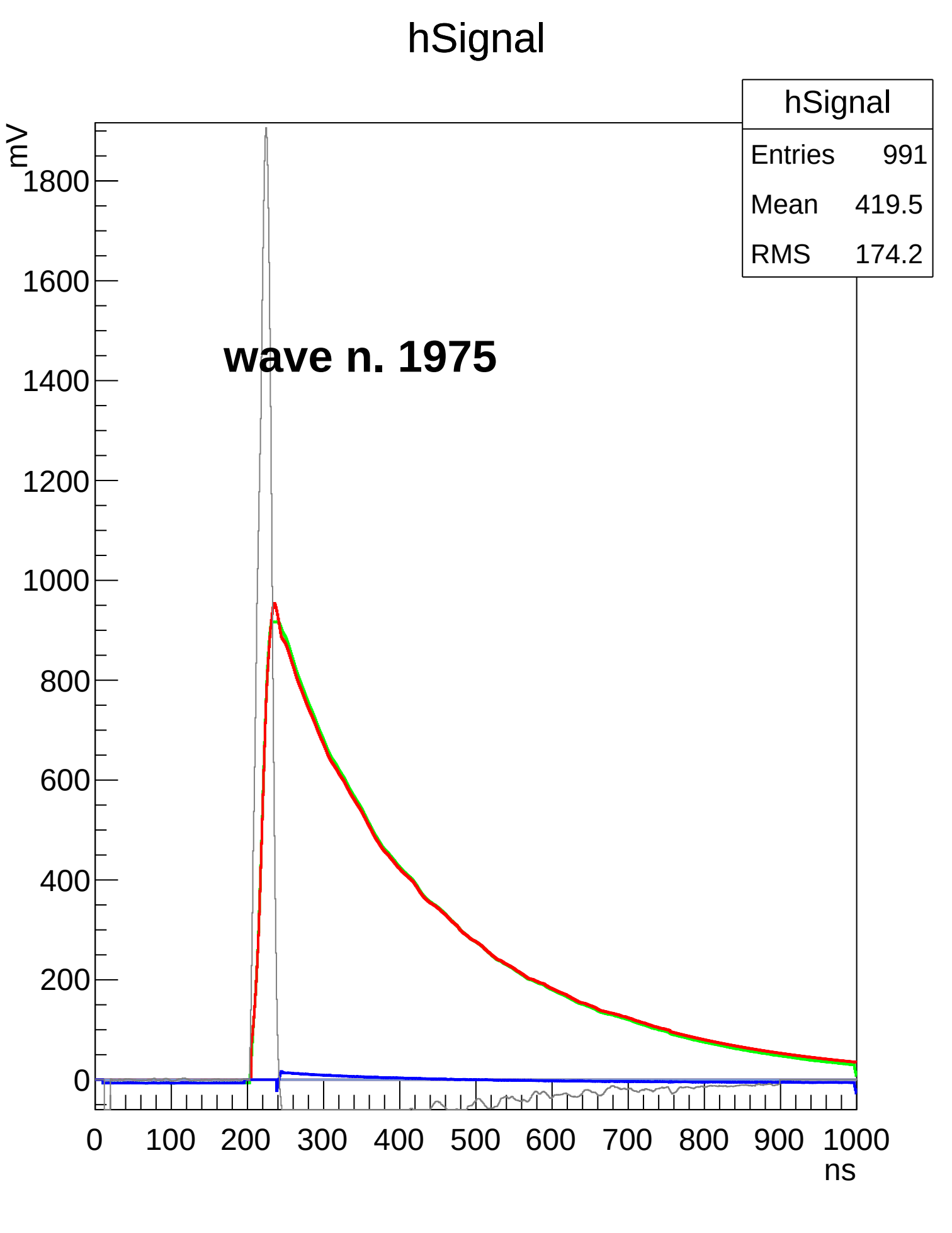
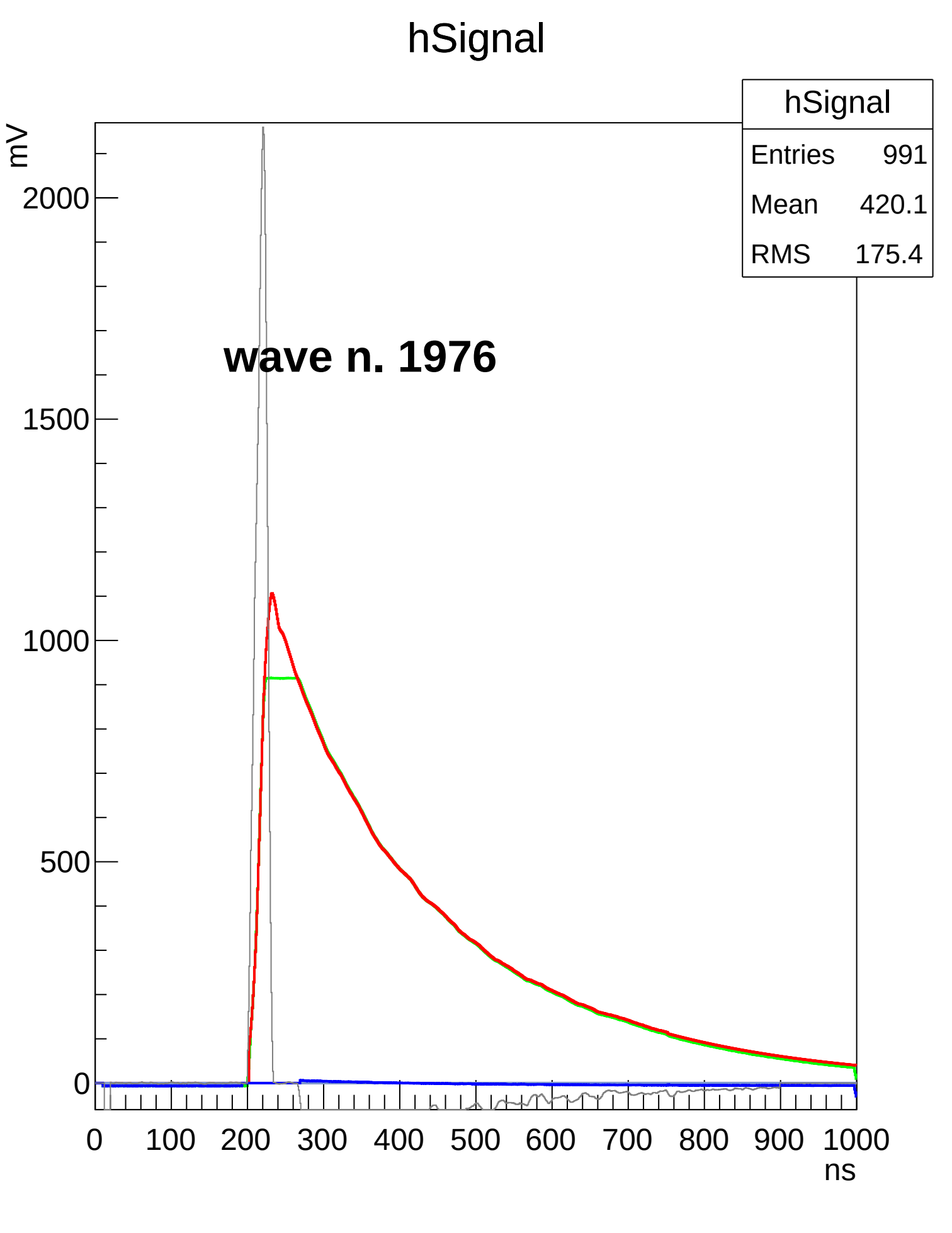
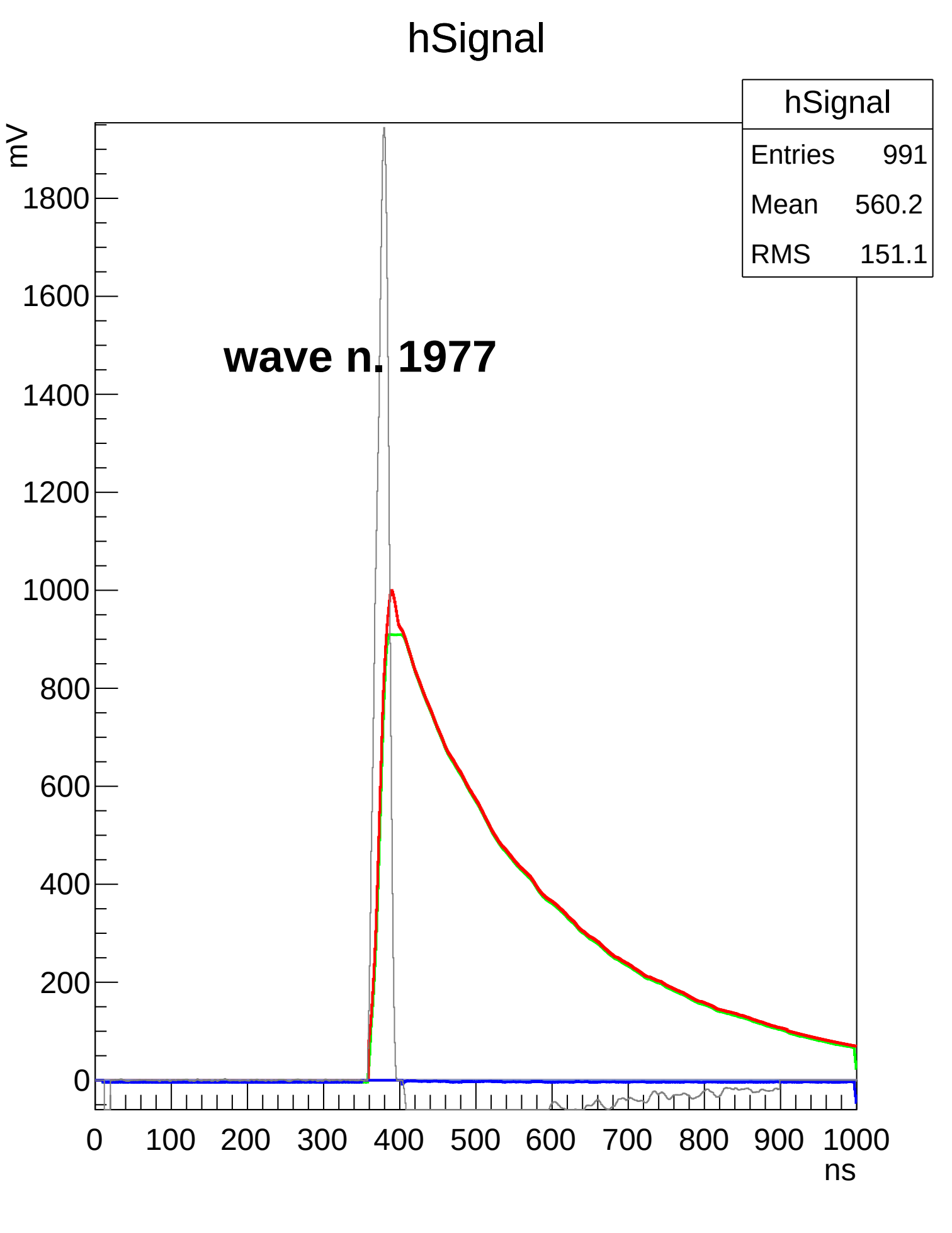
700
800
900
1000
ns

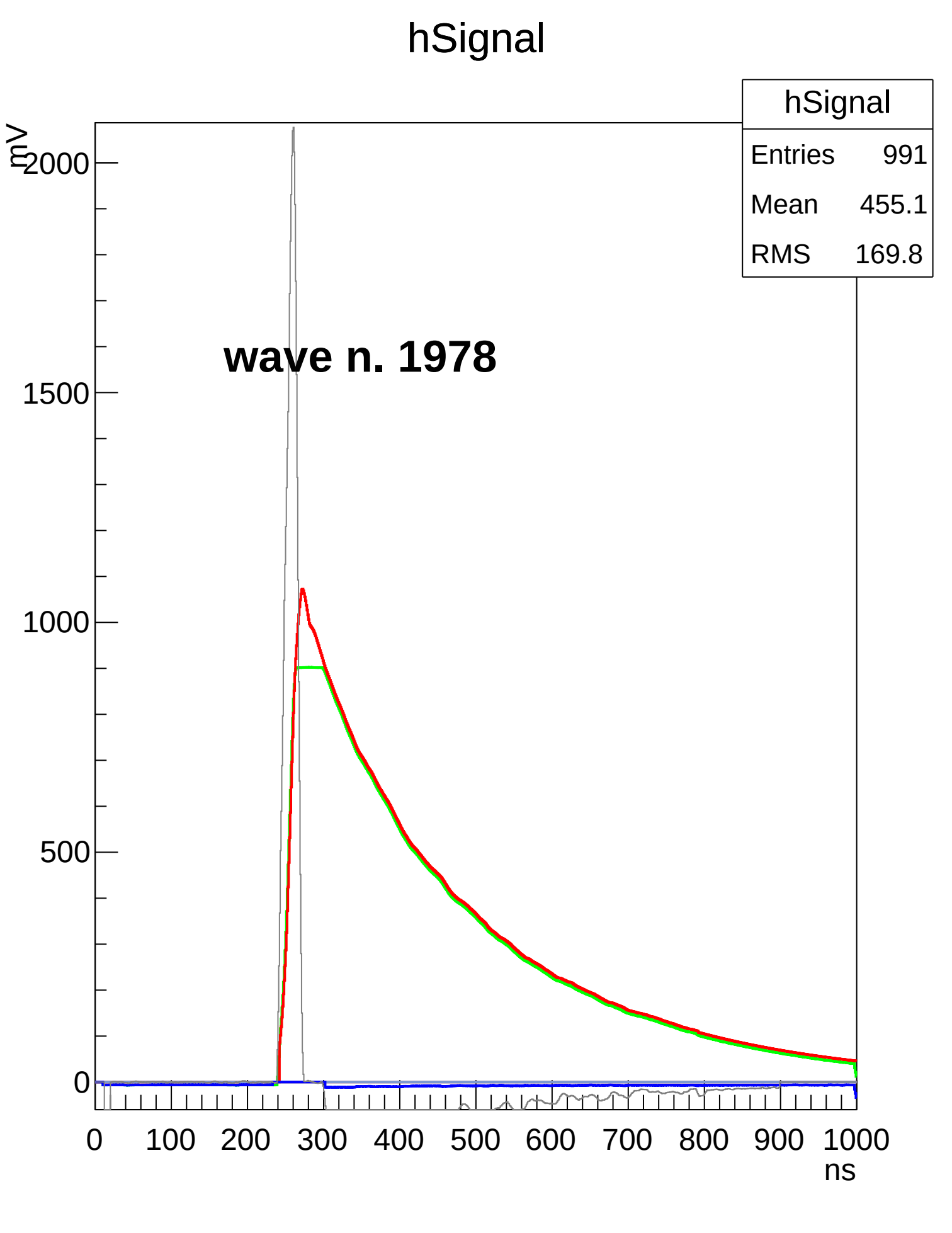

hSignal
hSignal
Entries 991
Mean 592
RMS 145.2
wave n. 1973
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

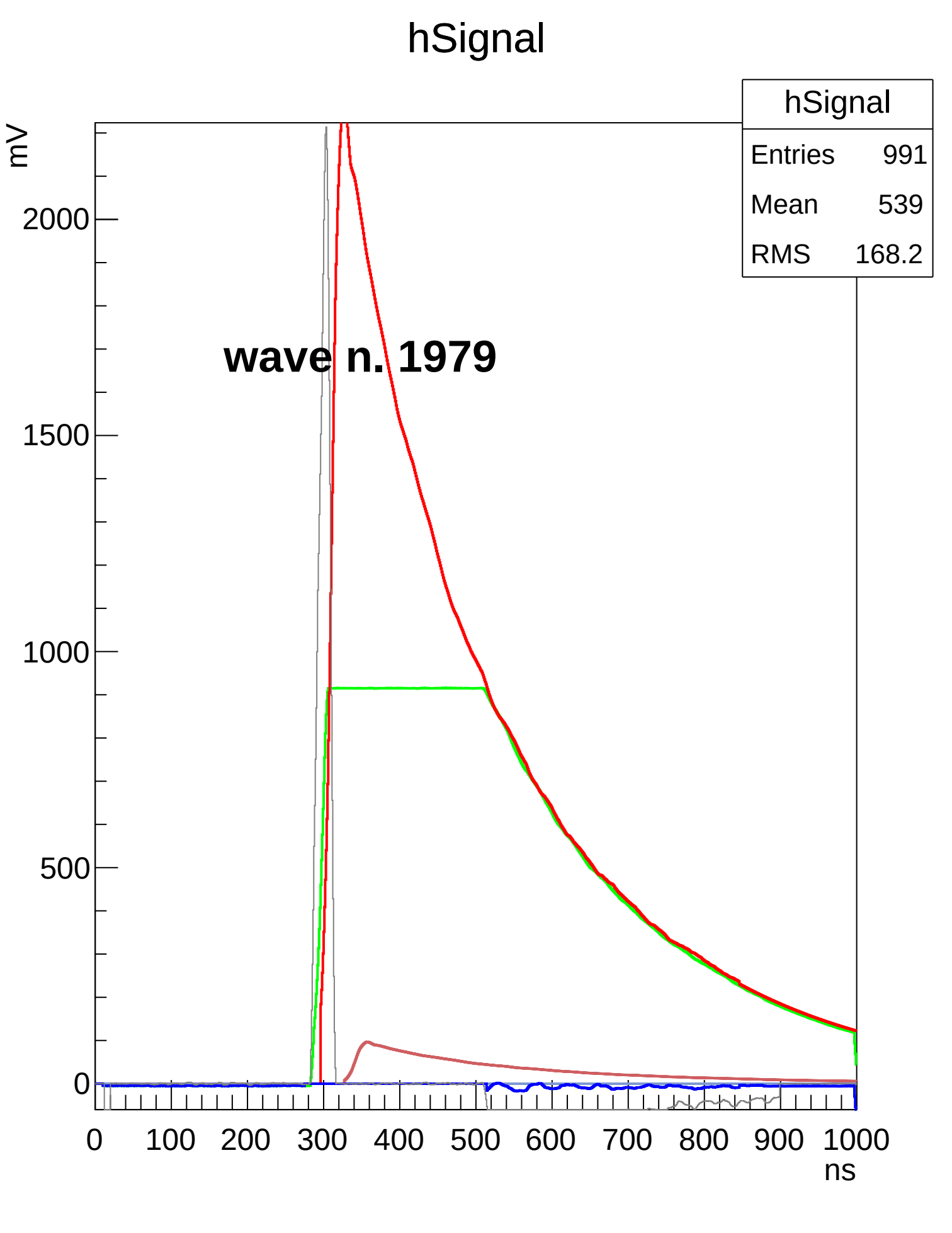

hSignal
hSignal
Entries 991
Mean 530.1
RMS 164.7
wave n. 1974
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 419.5
RMS 174.2
wave n. 1975
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 420.1
RMS 175.4
wave n. 1976
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.2
RMS 151.1
wave n. 1977
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 455.1
RMS 169.8
wave n. 1978
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539
RMS 168.2
wave n. 1979
mV
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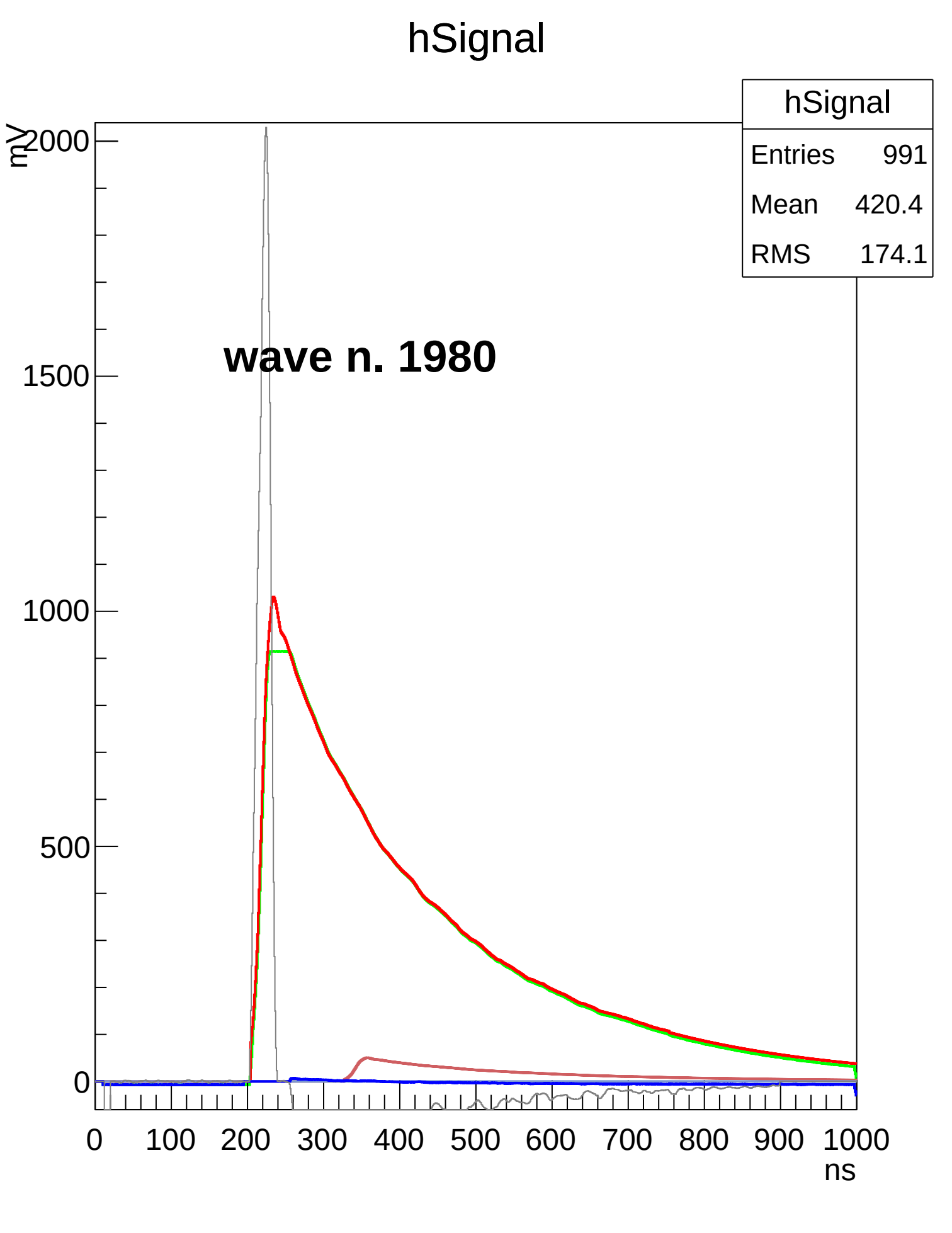
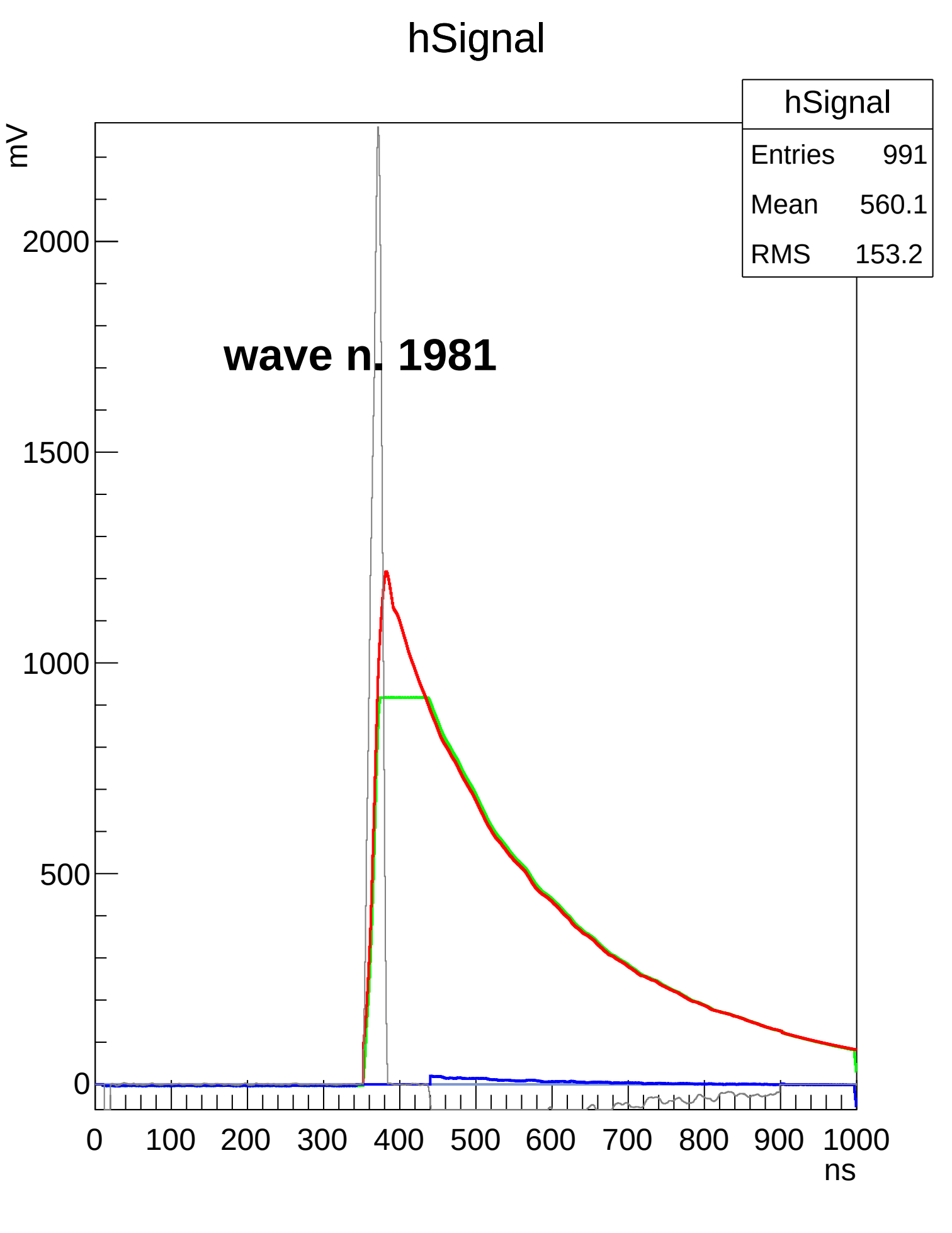
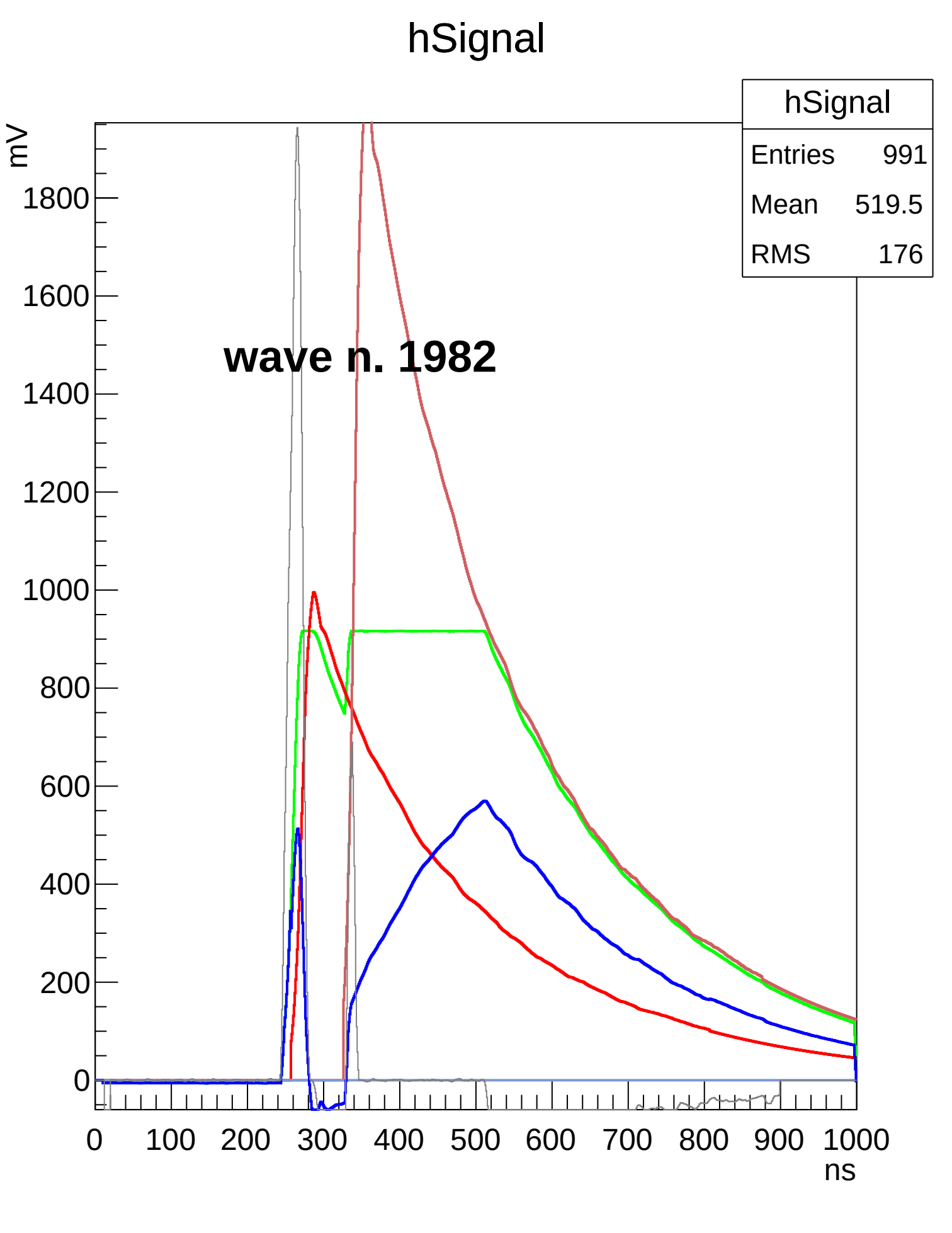
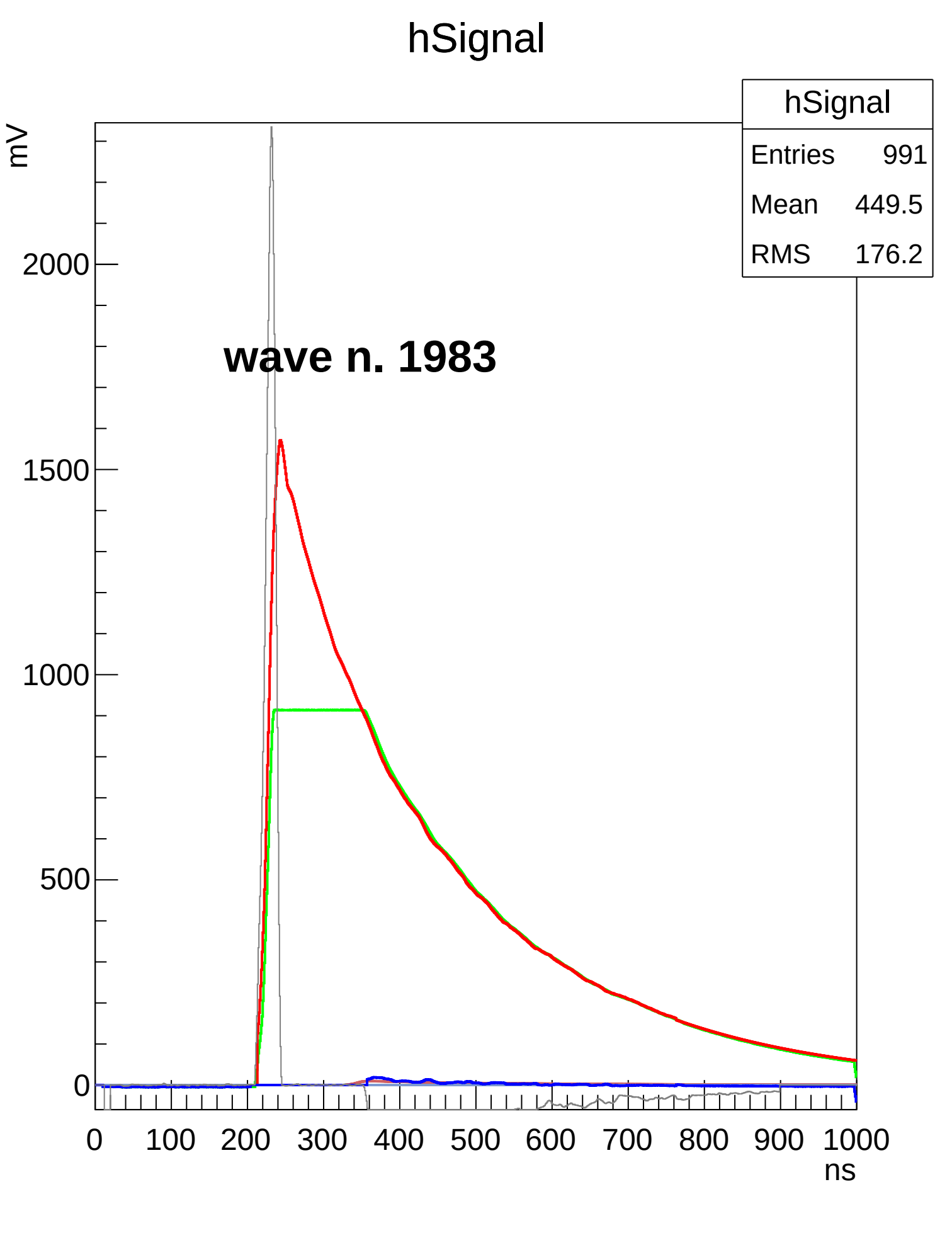
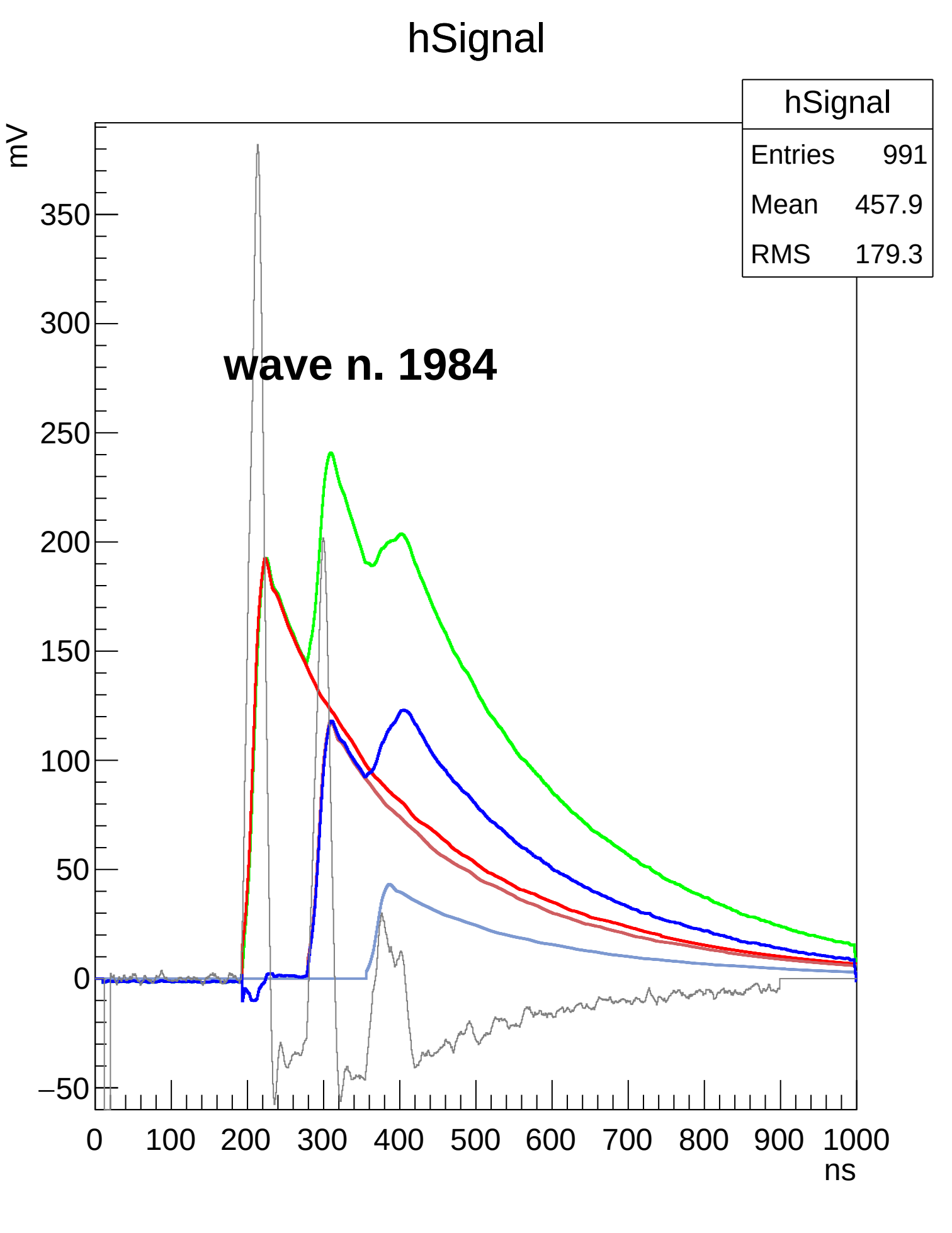
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

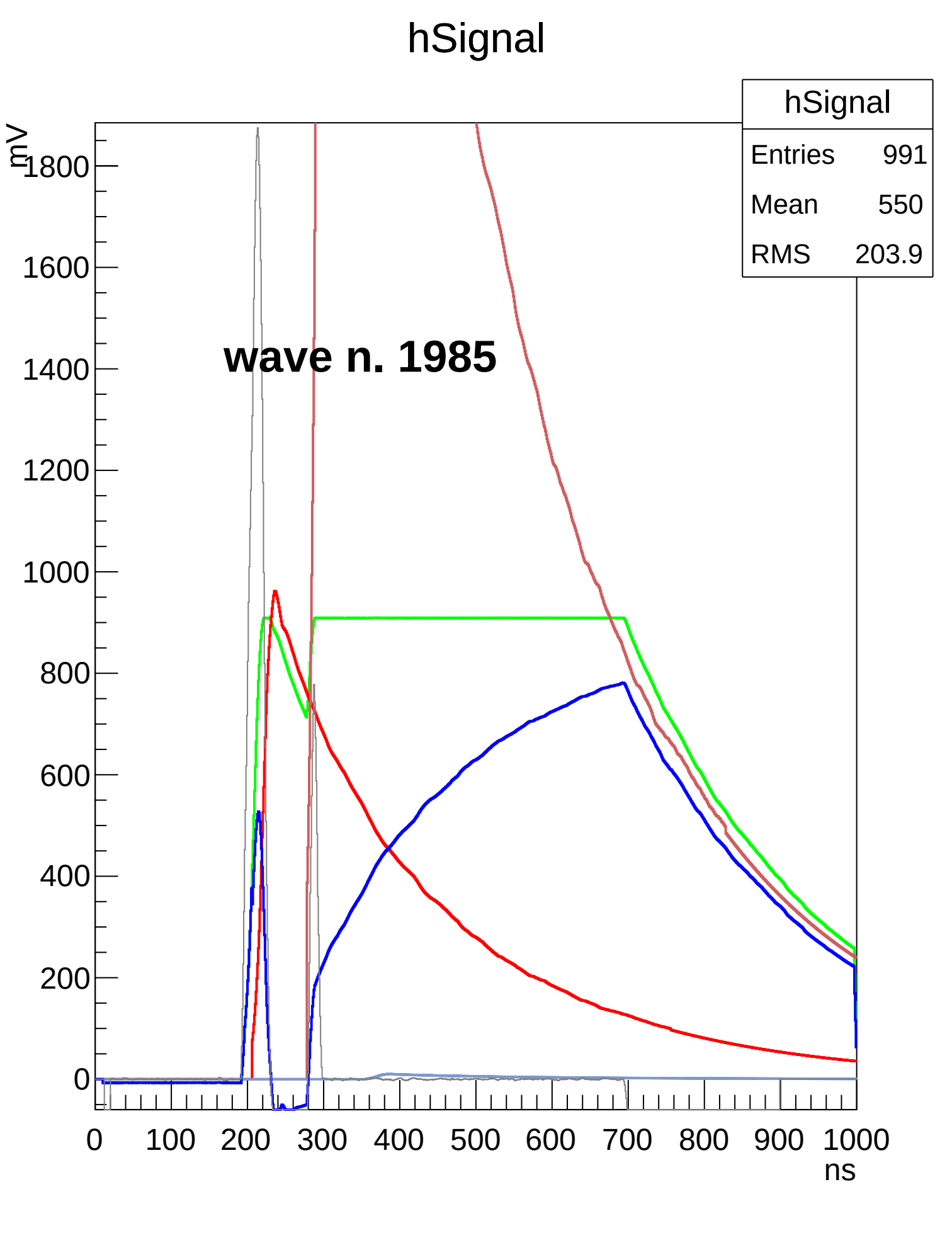

hSignal
hSignal
Entries 991
Mean 420.4
RMS 174.1
wave n. 1980
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

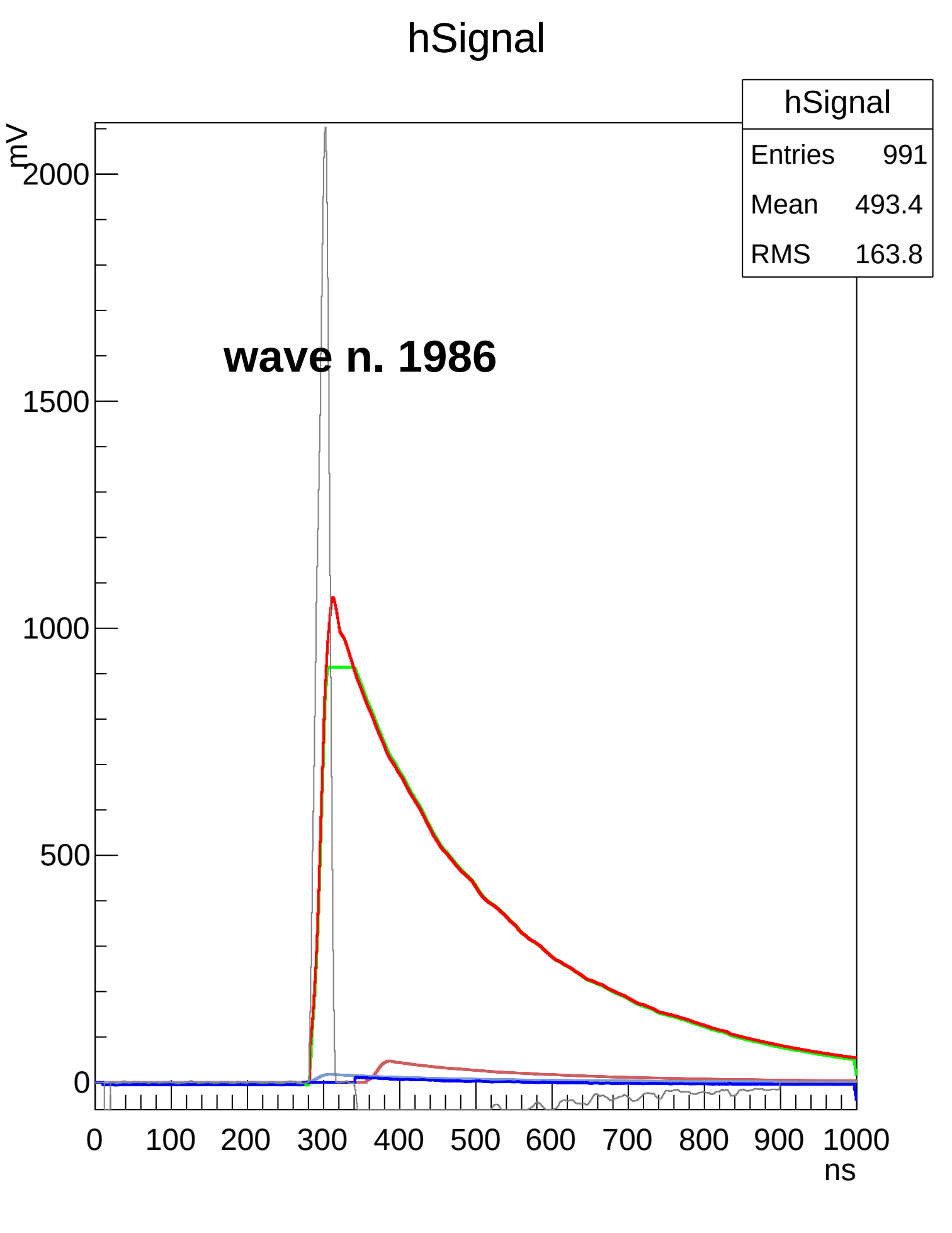

hSignal
hSignal
Entries 991
Mean 560.1
RMS 153.2
wave n. 1981
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

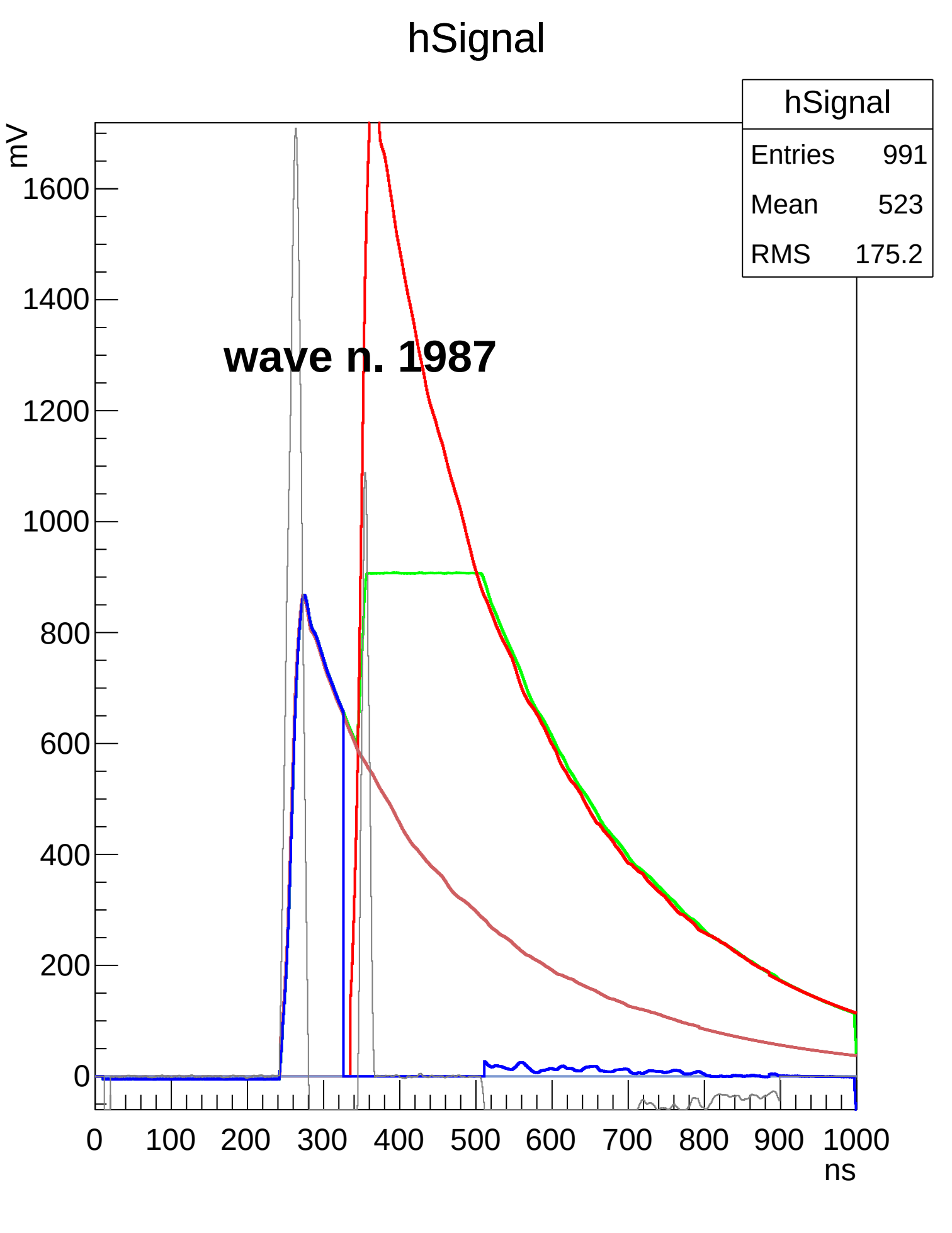

hSignal
hSignal
Entries 991
Mean 519.5
RMS 176
wave n. 1982
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

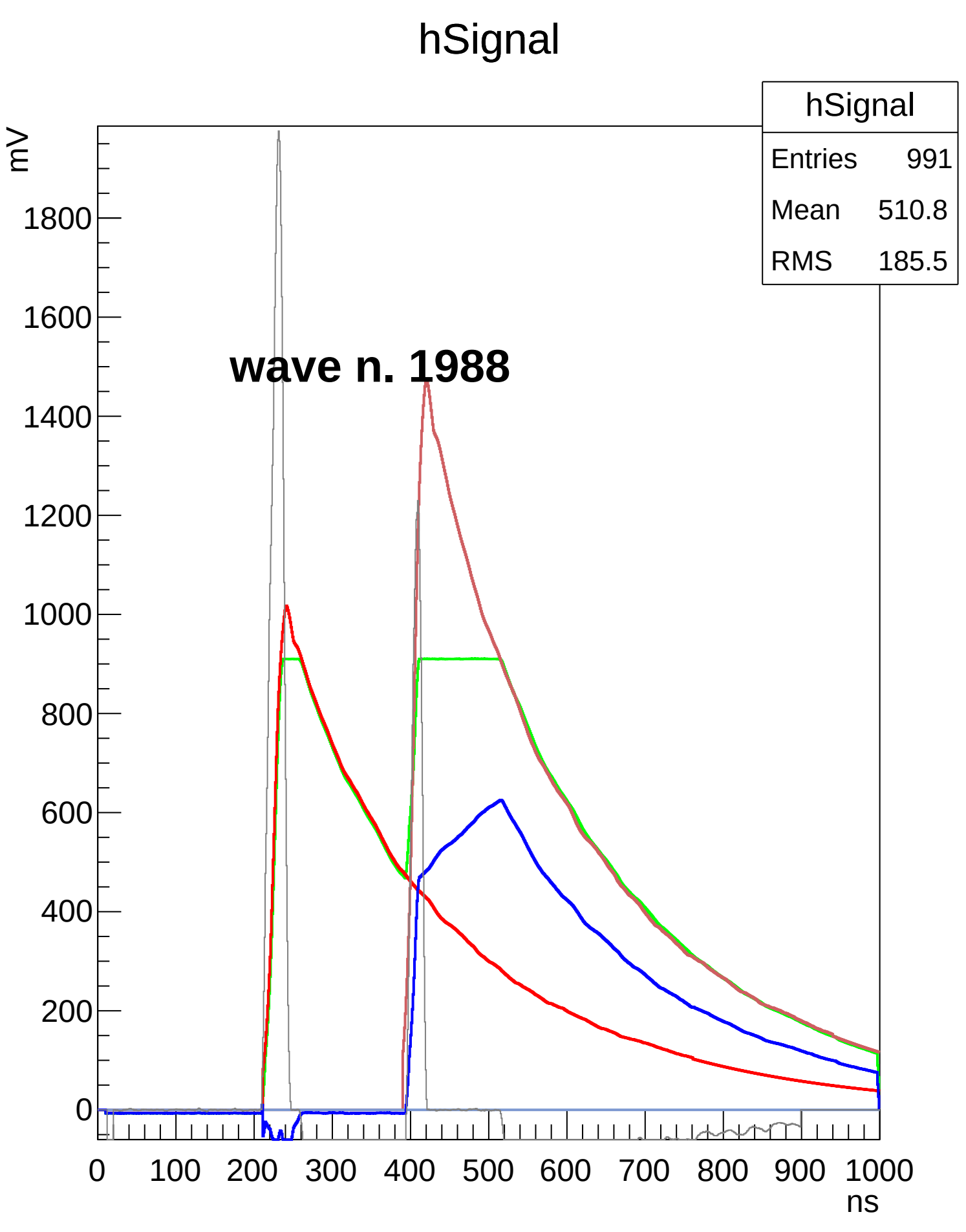

hSignal
hSignal
Entries 991
Mean 449.5
RMS 176.2
wave n. 1983
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

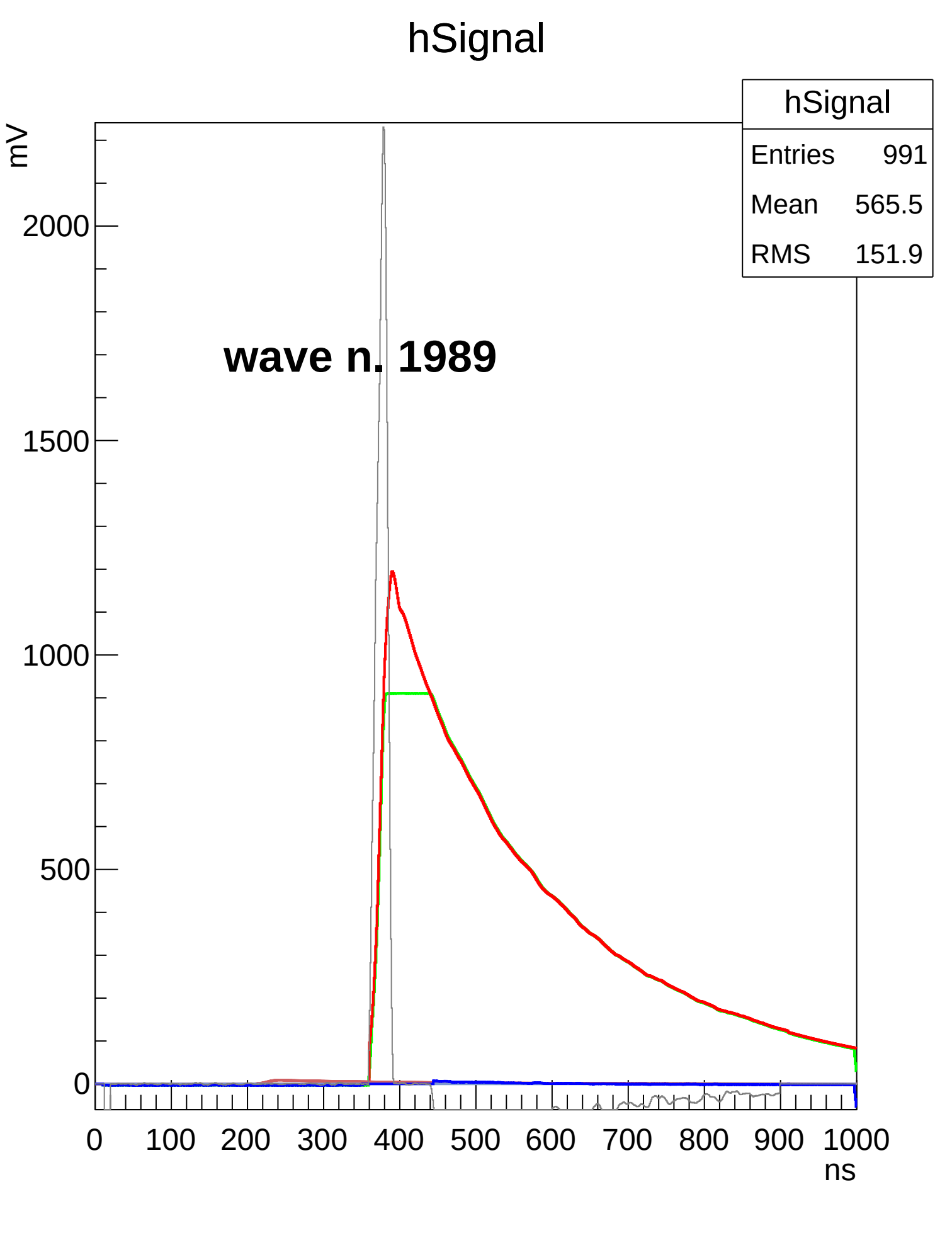

hSignal
hSignal
Entries 991
Mean 457.9
RMS 179.3
wave n. 1984
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

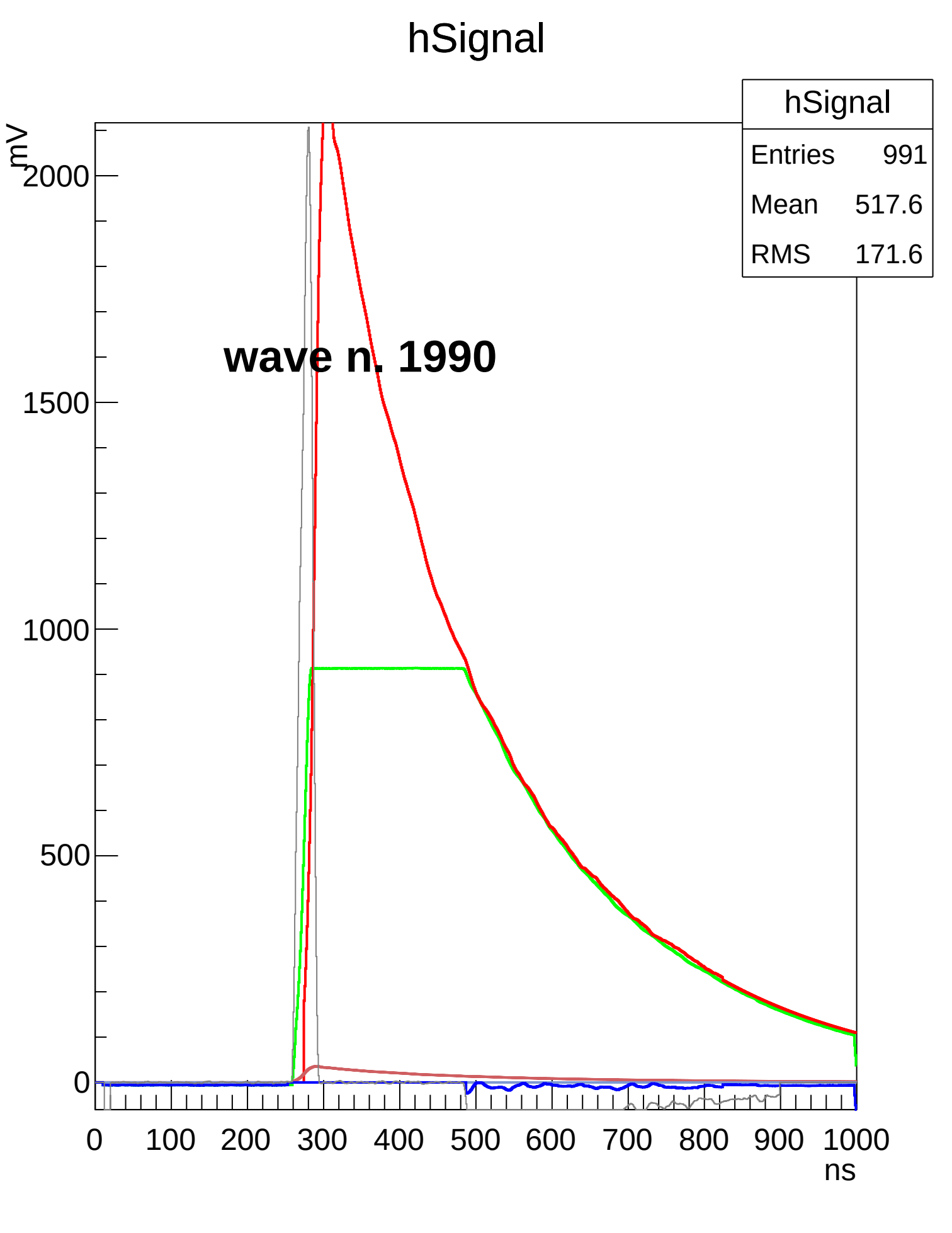

hSignal
hSignal
Entries 991
Mean 550
RMS 203.9
wave n. 1985
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

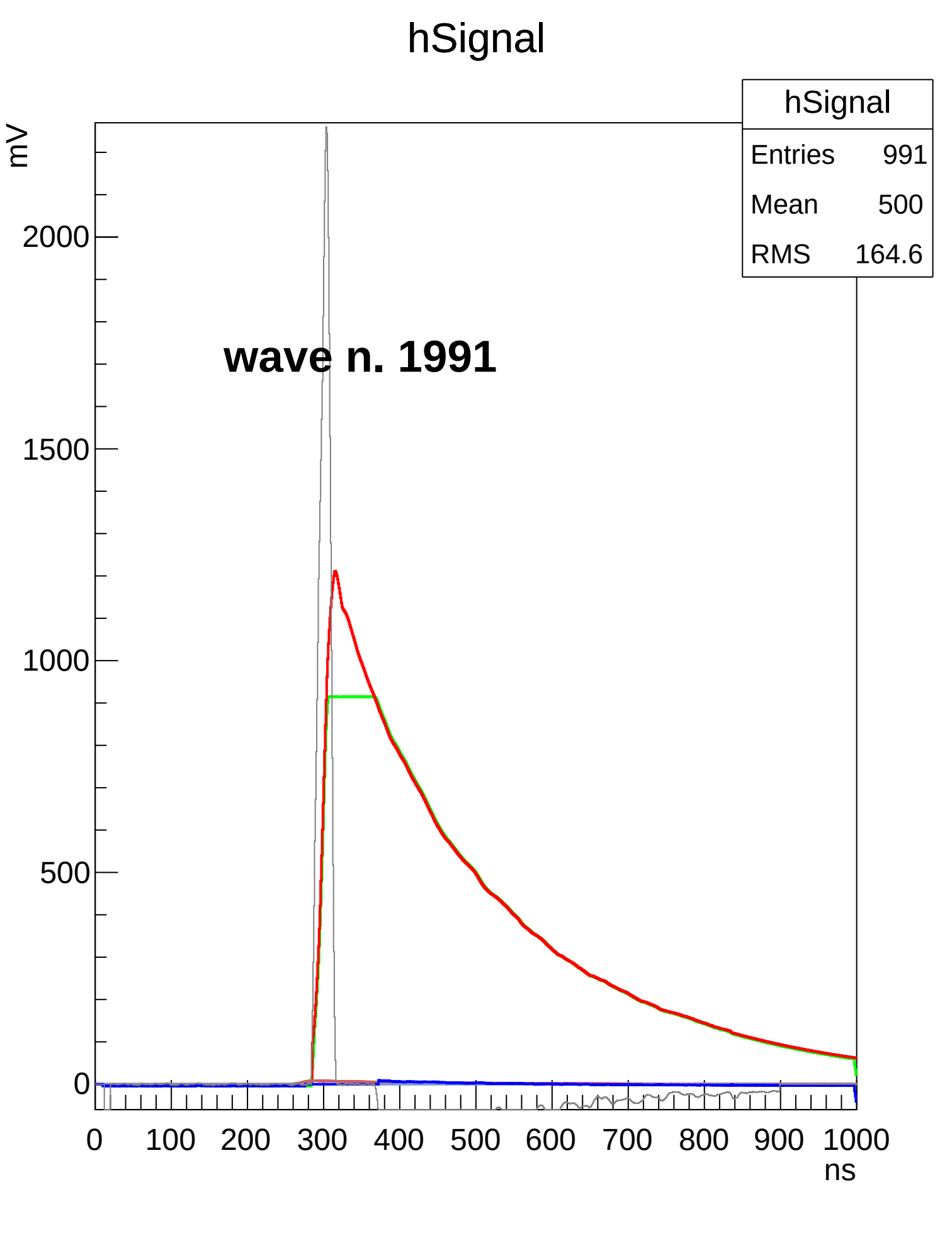

hSignal
hSignal
Entries 991
Mean 493.4
RMS 163.8
wave n. 1986
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

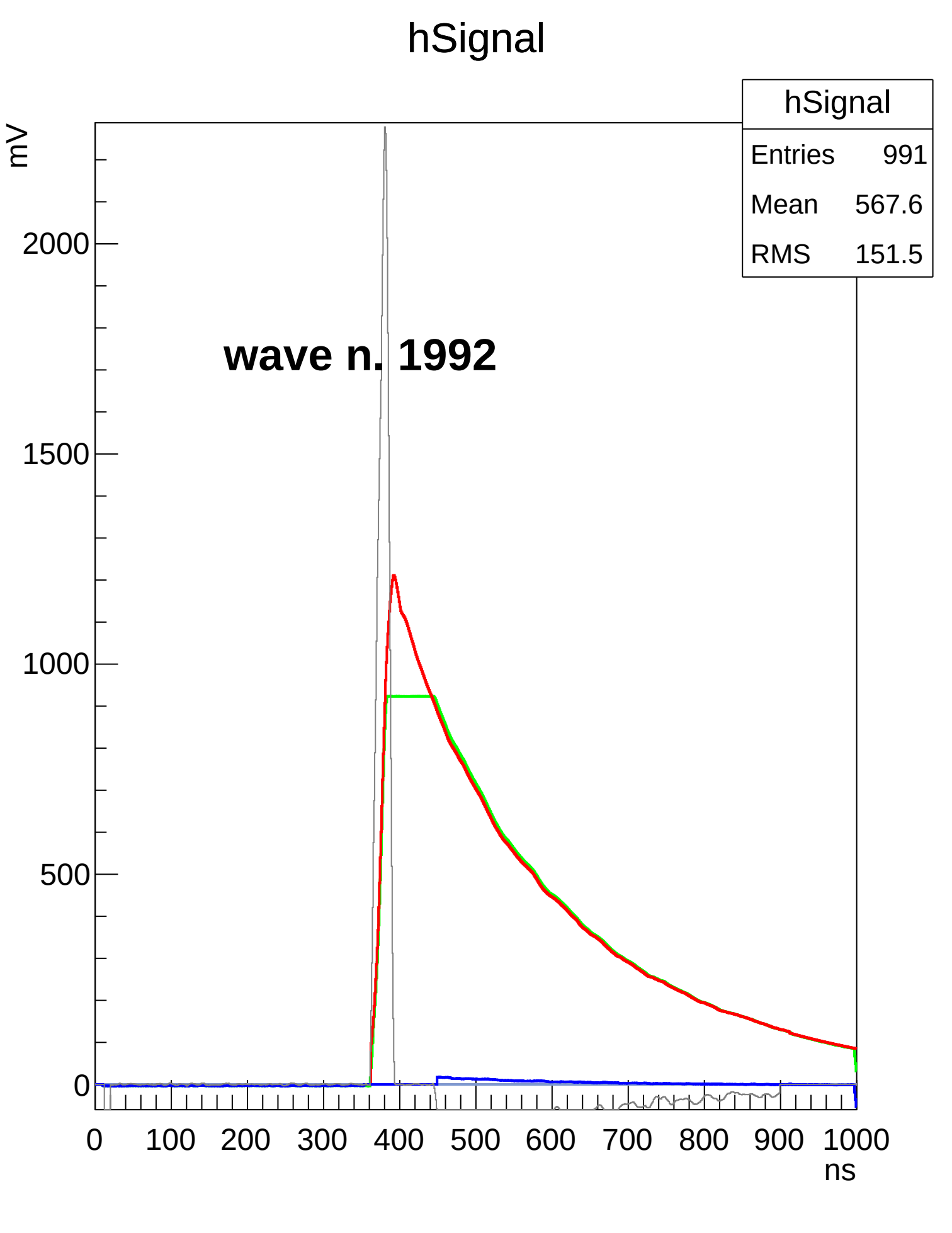

hSignal
hSignal
Entries 991
Mean 523
RMS 175.2
wave n. 1987
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

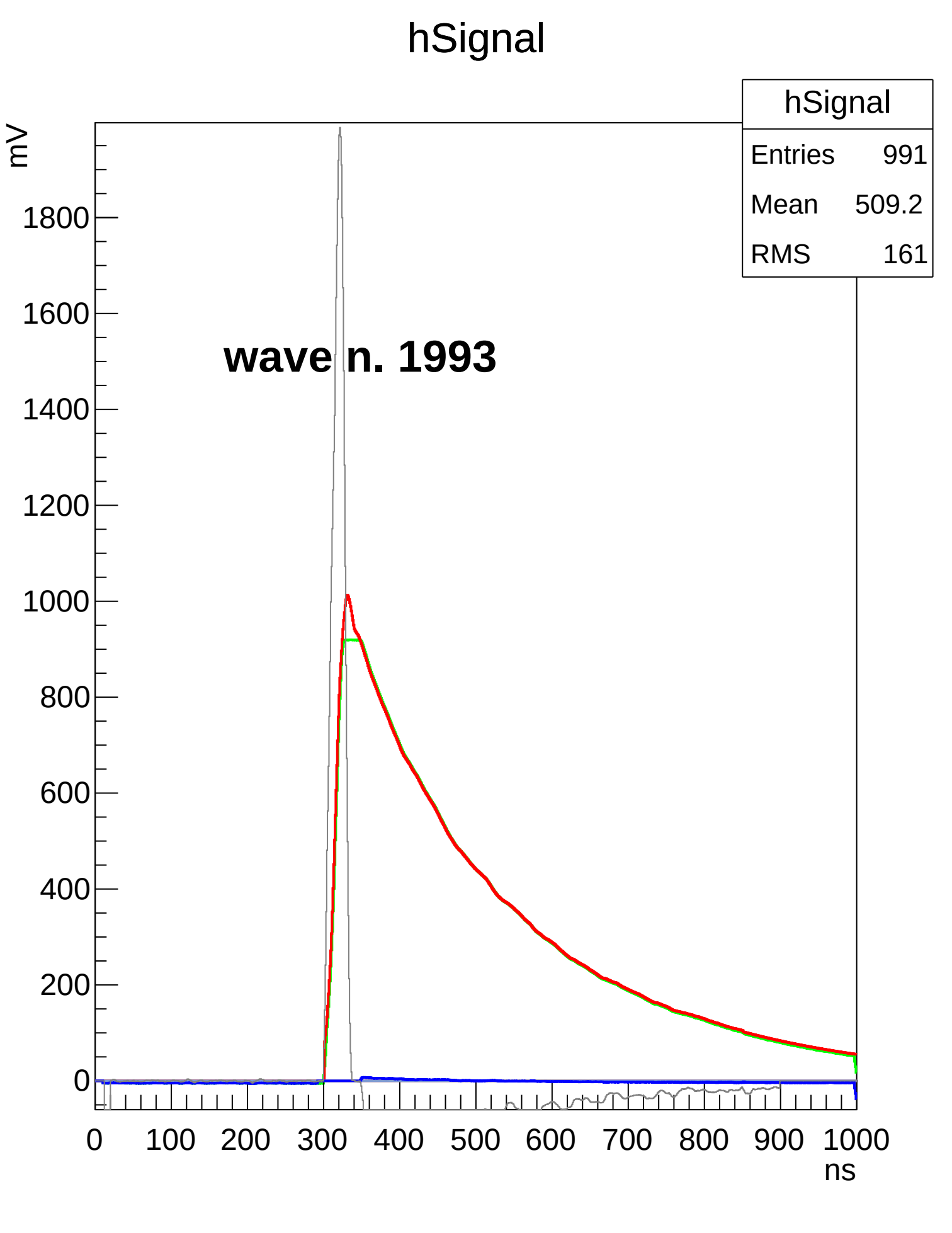

hSignal
hSignal
Entries 991
Mean 510.8
RMS 185.5
wave n. 1988
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

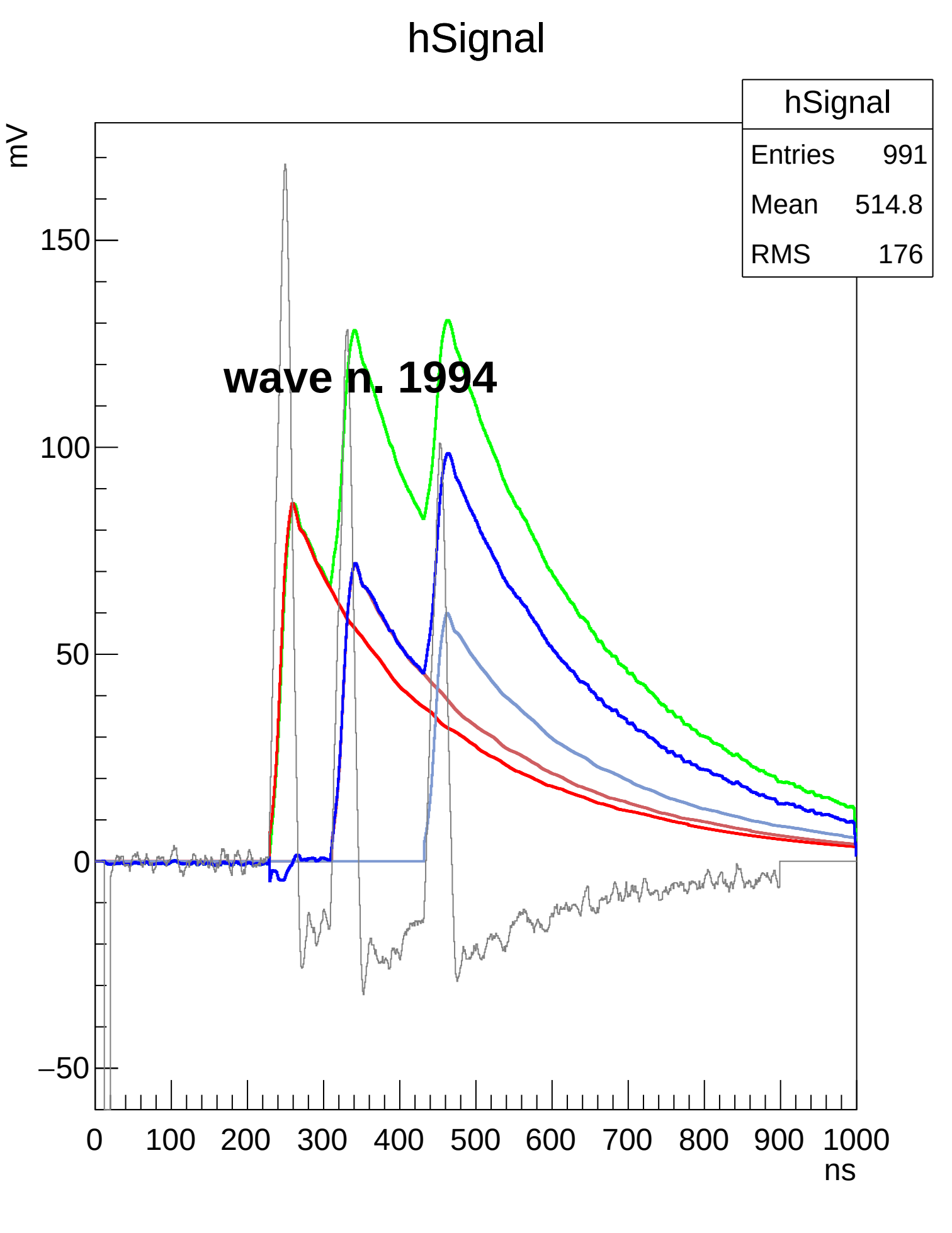

hSignal
hSignal
Entries 991
Mean 565.5
RMS 151.9
wave n. 1989
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

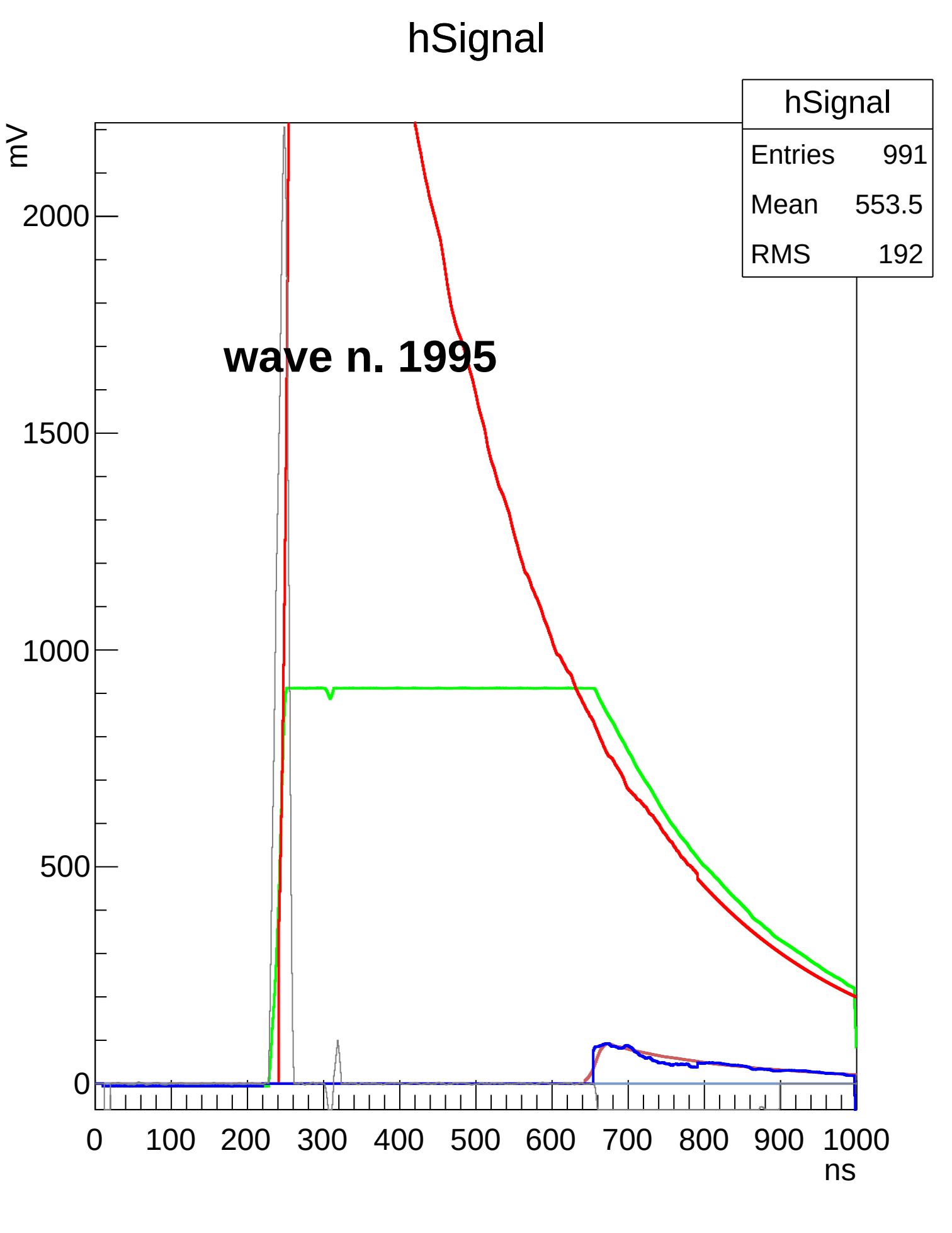

hSignal
hSignal
Entries 991
Mean 517.6
RMS 171.6
wave n. 1990
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

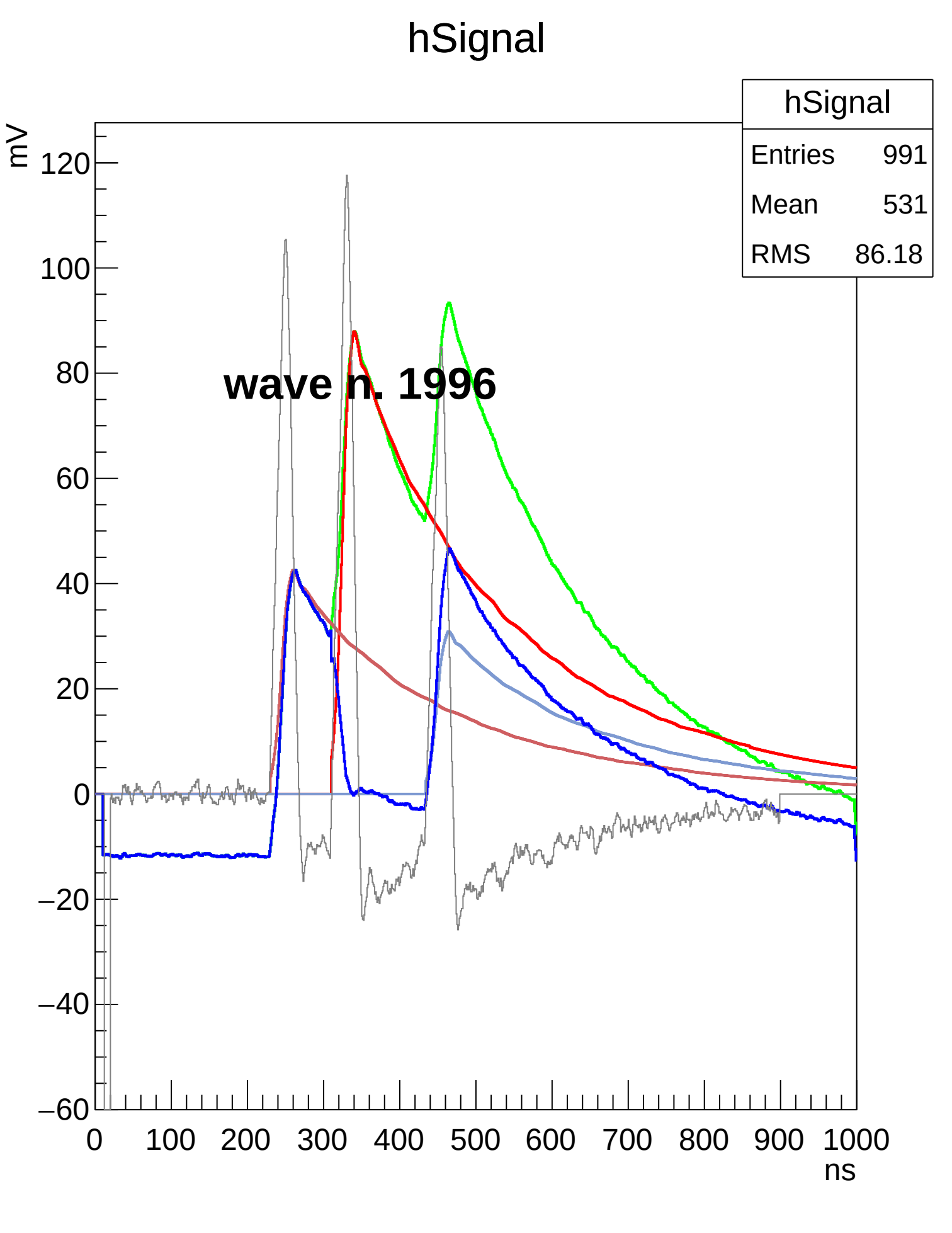

hSignal
hSignal
Entries 991
Mean 500
RMS 164.6
wave n. 1991
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

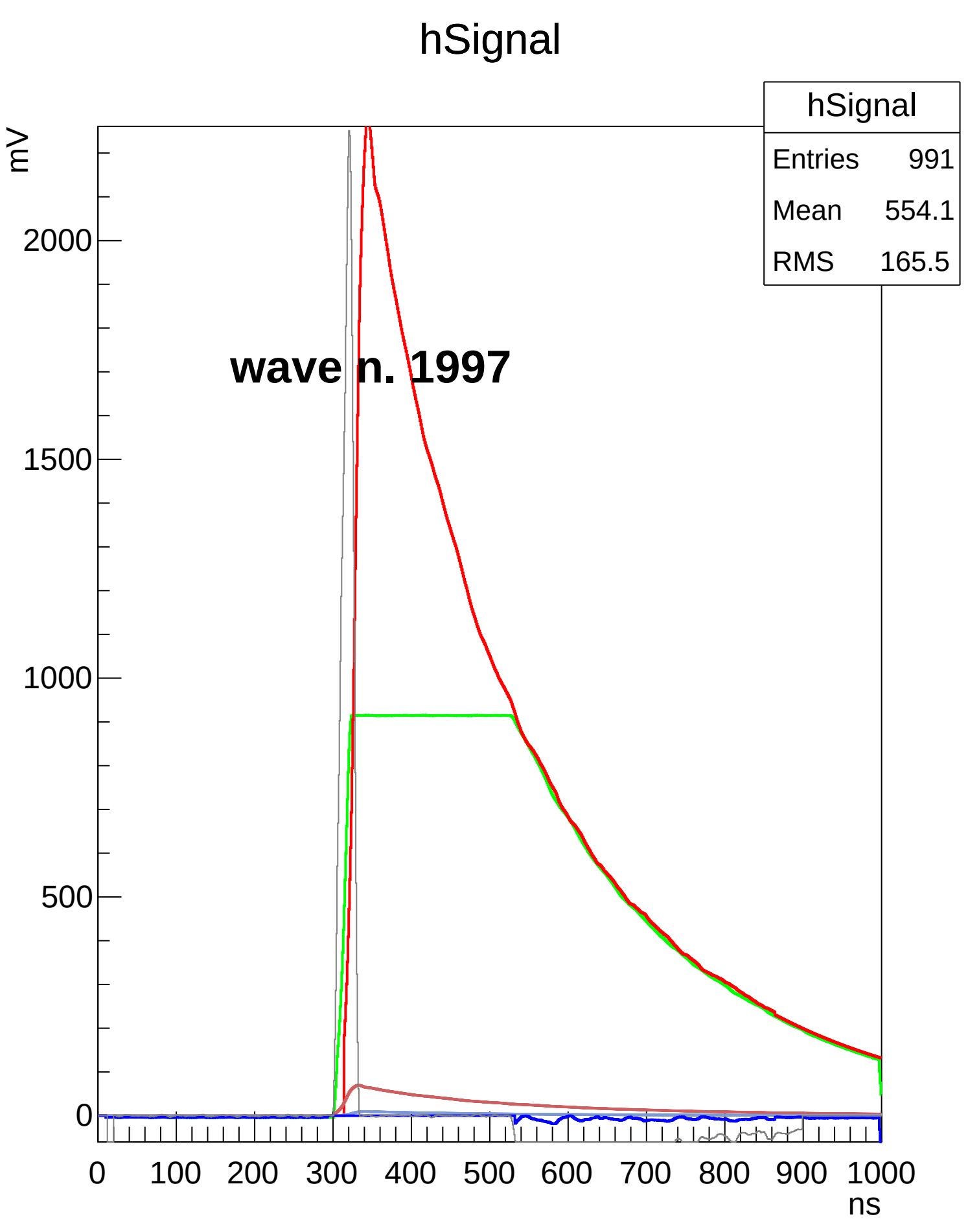

hSignal
hSignal
Entries 991
Mean 567.6
RMS 151.5
wave n. 1992
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

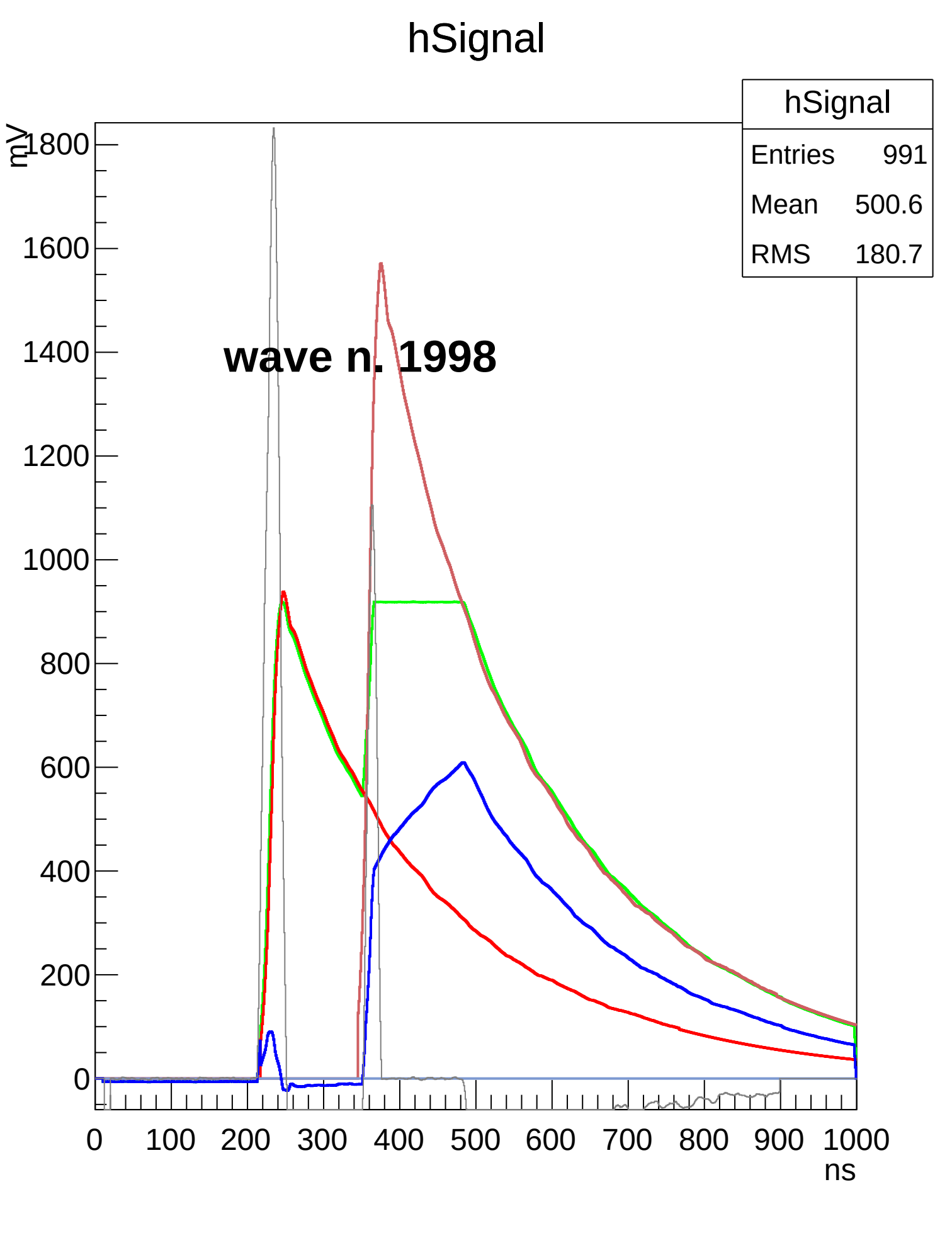

hSignal
hSignal
Entries 991
Mean 509.2
RMS 161
wave n. 1993
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

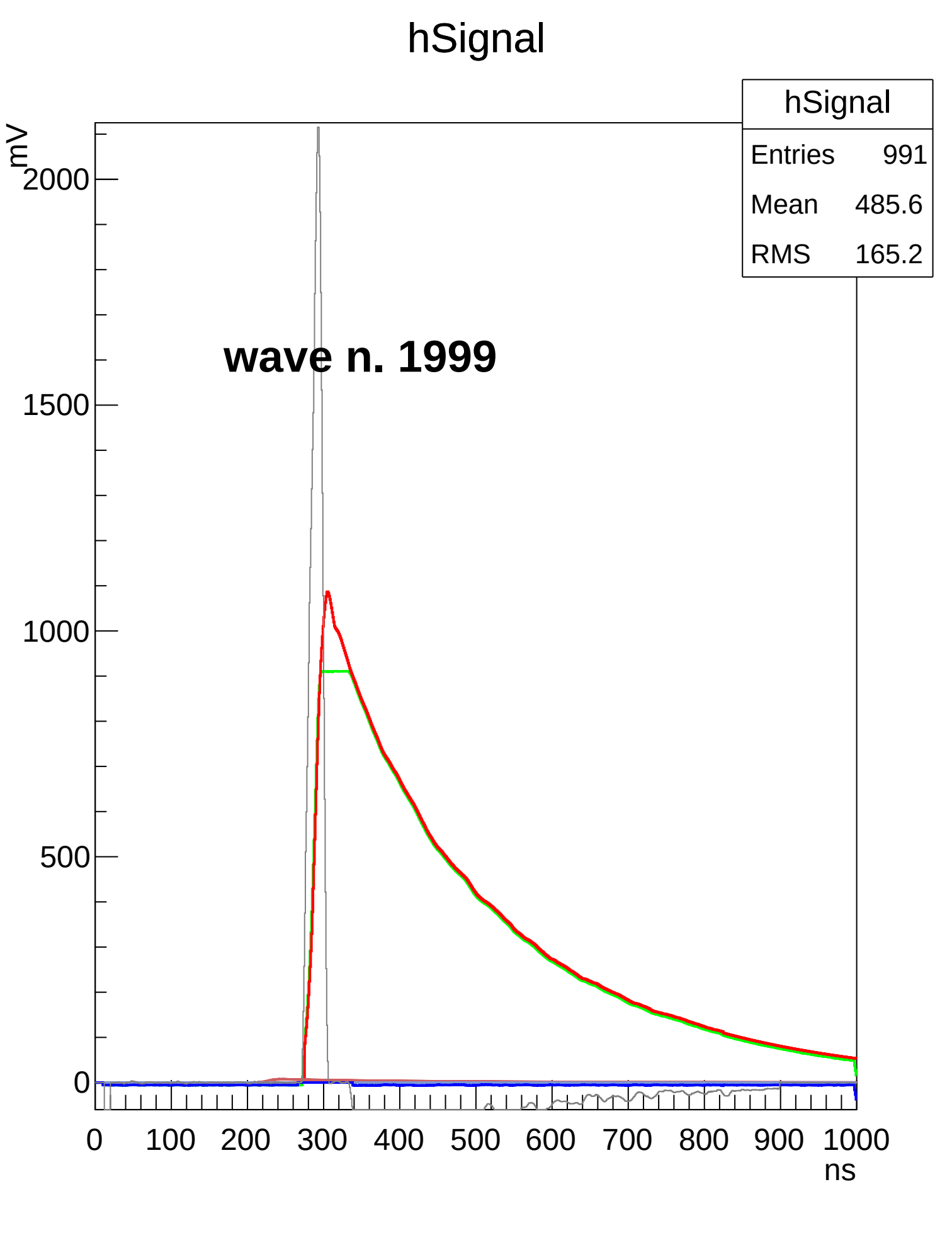

hSignal
hSignal
Entries 991
Mean 514.8
RMS 176
wave n. 1994
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

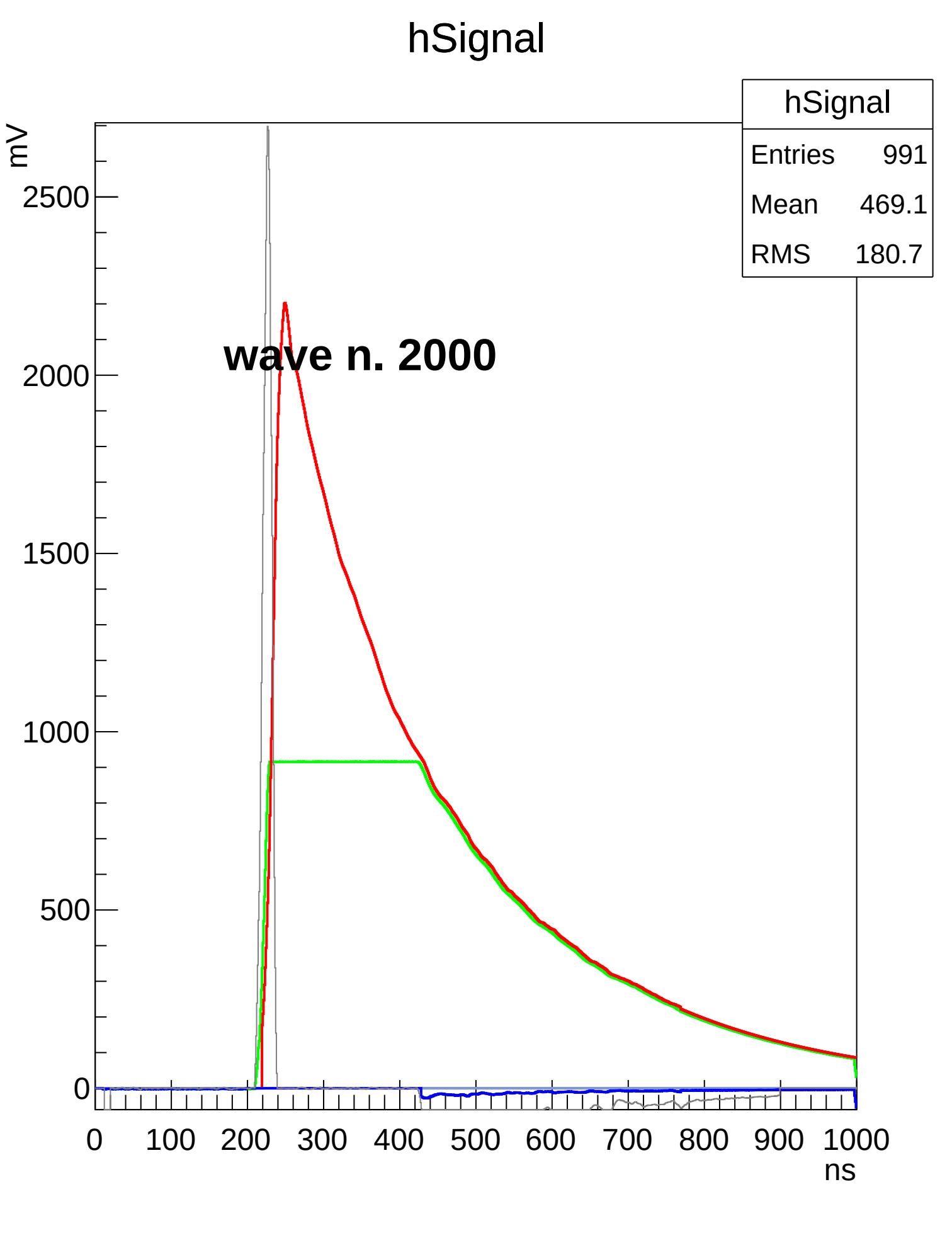

hSignal
hSignal
Entries 991
Mean 553.5
RMS 192
wave n. 1995
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

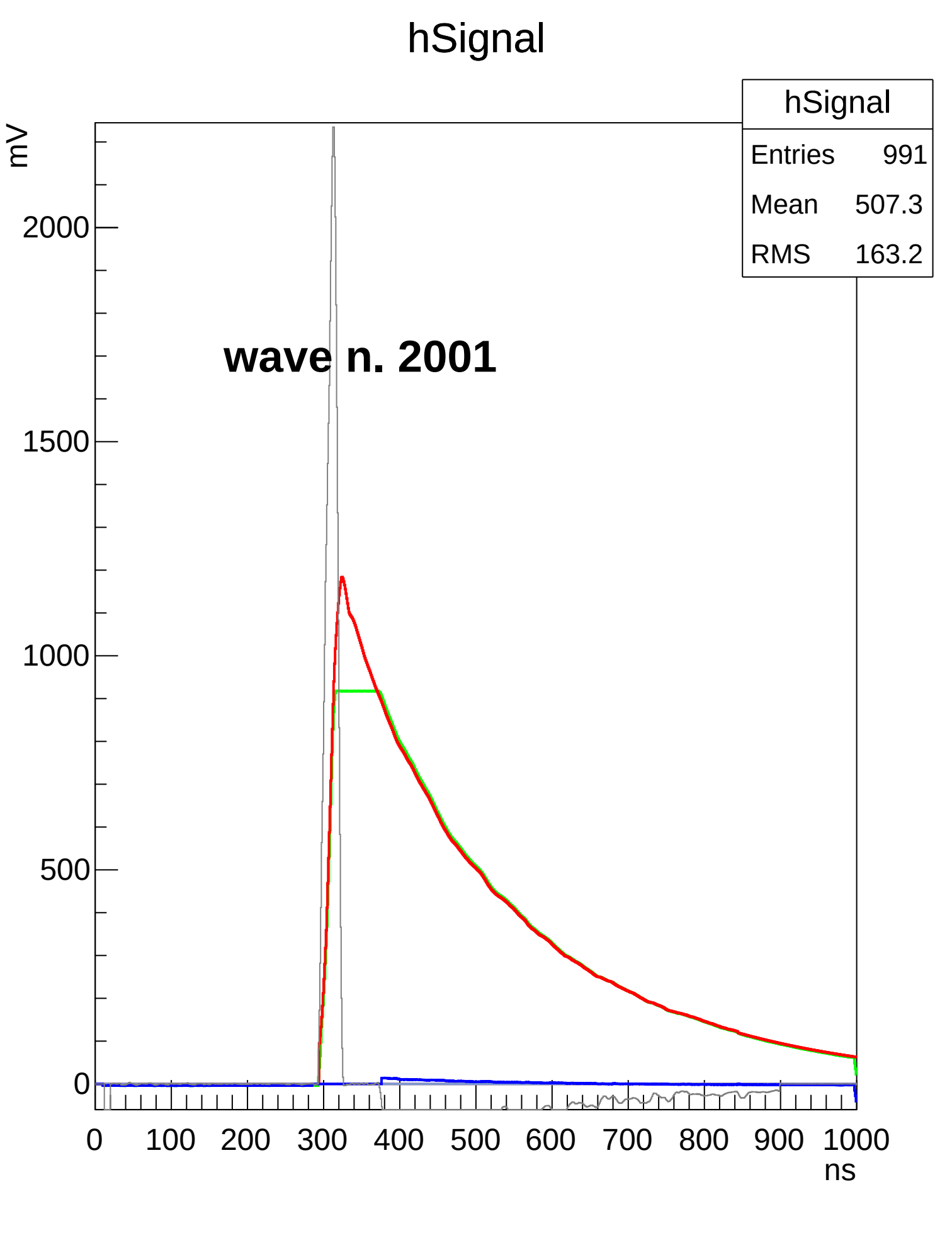

hSignal
hSignal
Entries 991
Mean 531
RMS 86.18
wave n. 1996
mV
120
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns

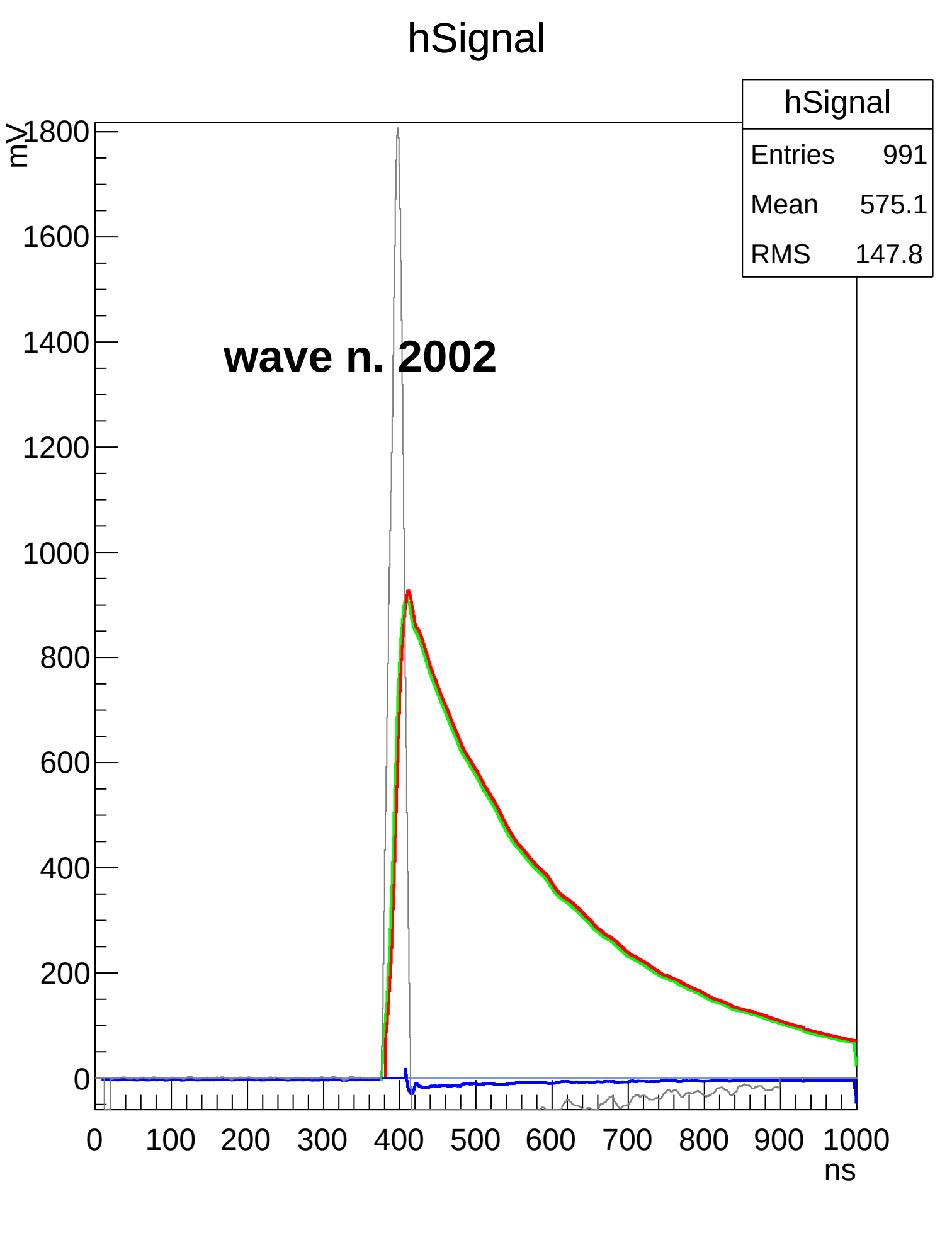

hSignal
hSignal
Entries 991
Mean 554.1
RMS 165.5
wave n. 1997
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

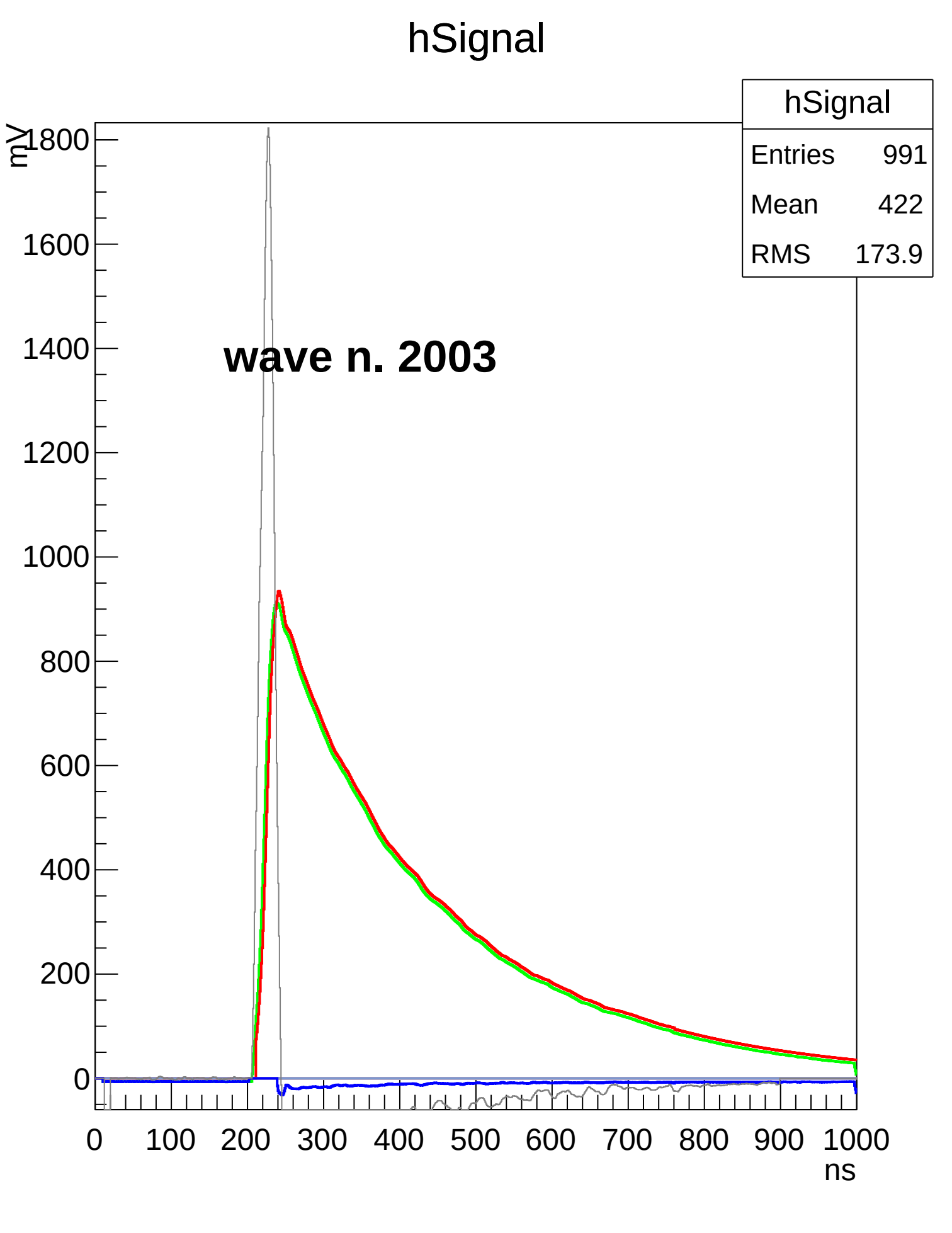

hSignal
hSignal
Entries 991
Mean 500.6
RMS 180.7
wave n. 1998
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

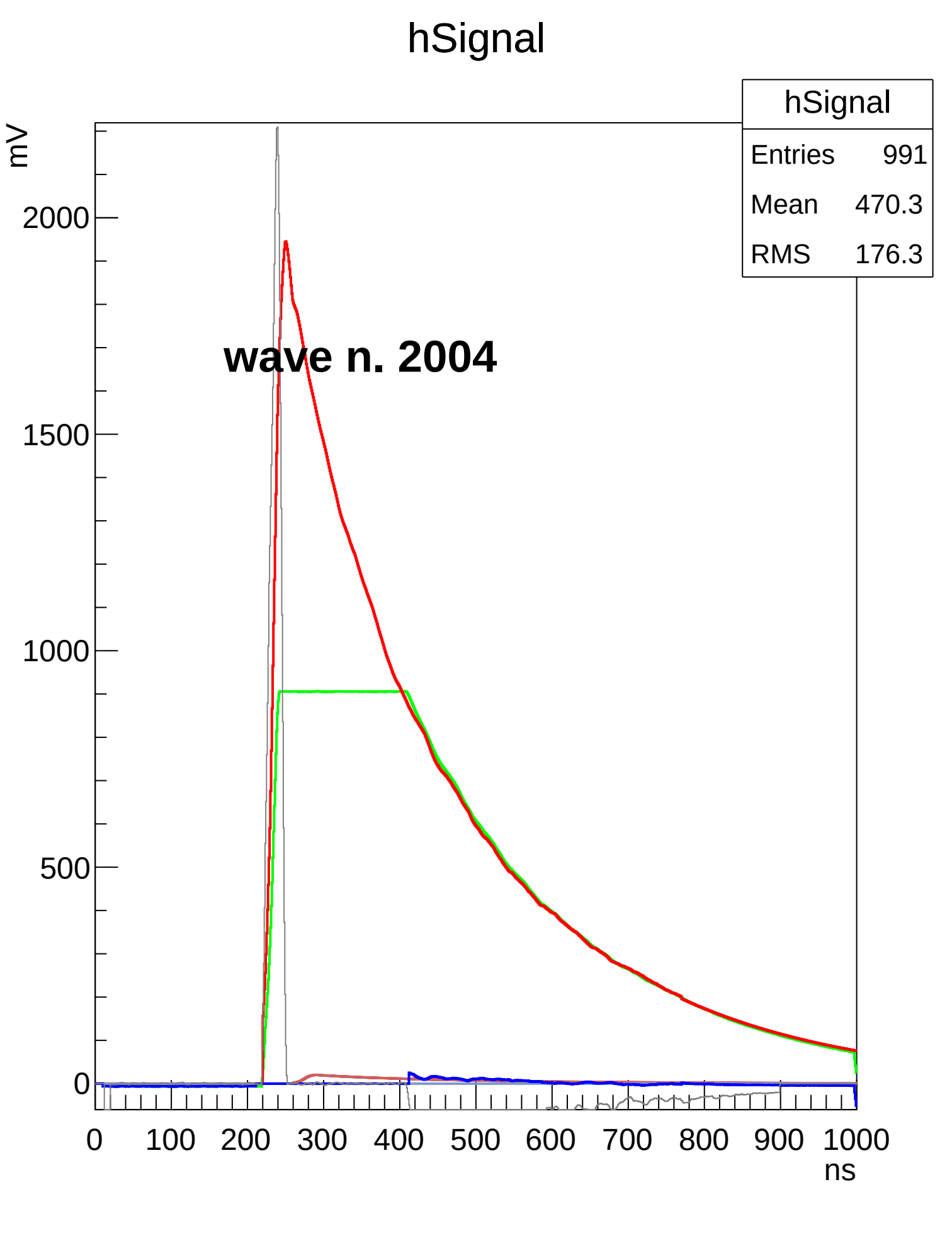

hSignal
hSignal
Entries 991
Mean 485.6
RMS 165.2
wave n. 1999
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

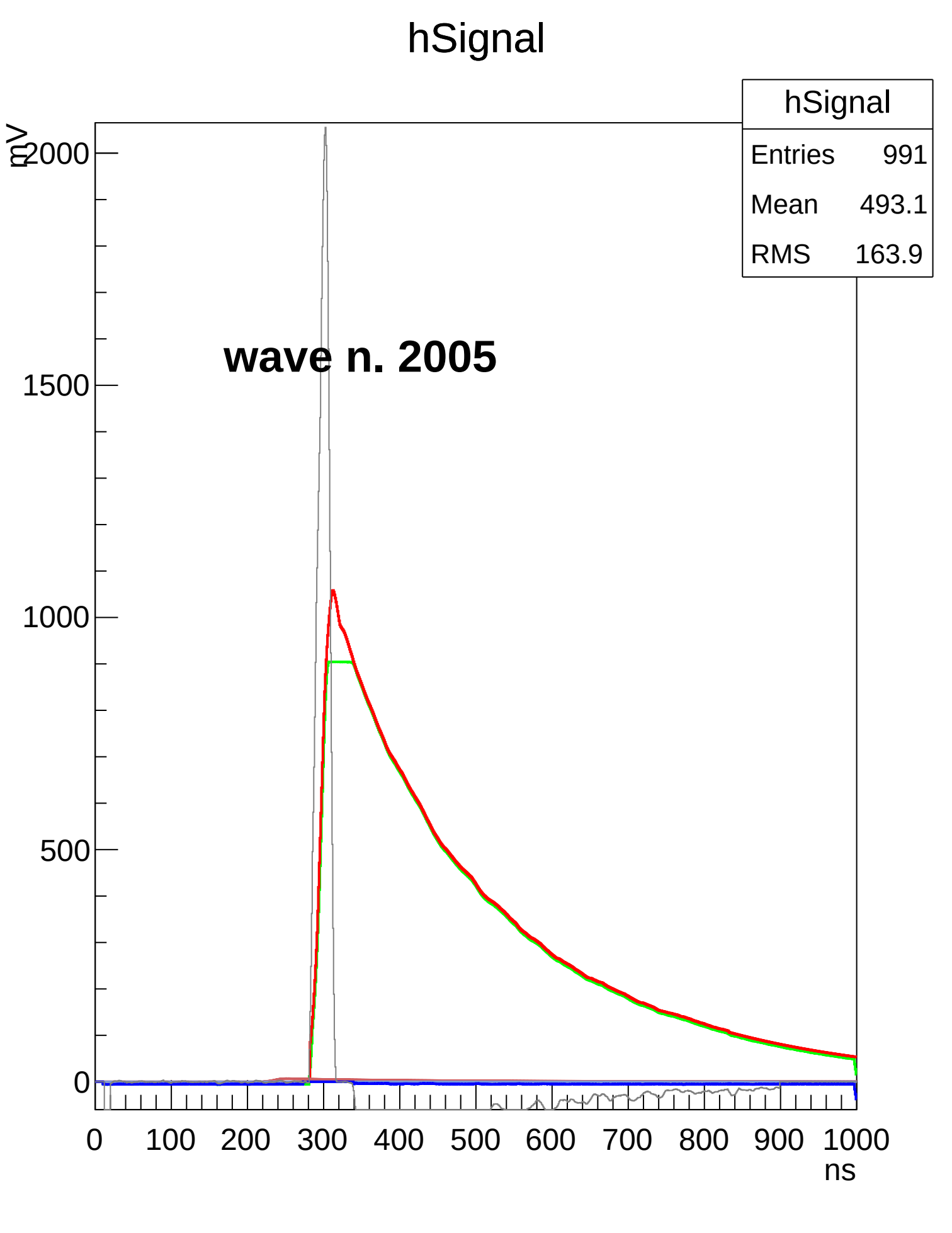

hSignal
hSignal
Entries 991
Mean 469.1
RMS 180.7
wave n. 2000
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507.3
RMS 163.2
wave n. 2001
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 575.1
RMS 147.8
wave n. 2002
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 422
RMS 173.9
wave n. 2003
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 470.3
RMS 176.3
wave n. 2004
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 493.1
RMS 163.9
wave n. 2005
mV
2000
1500
1000
500
0
0
100
200
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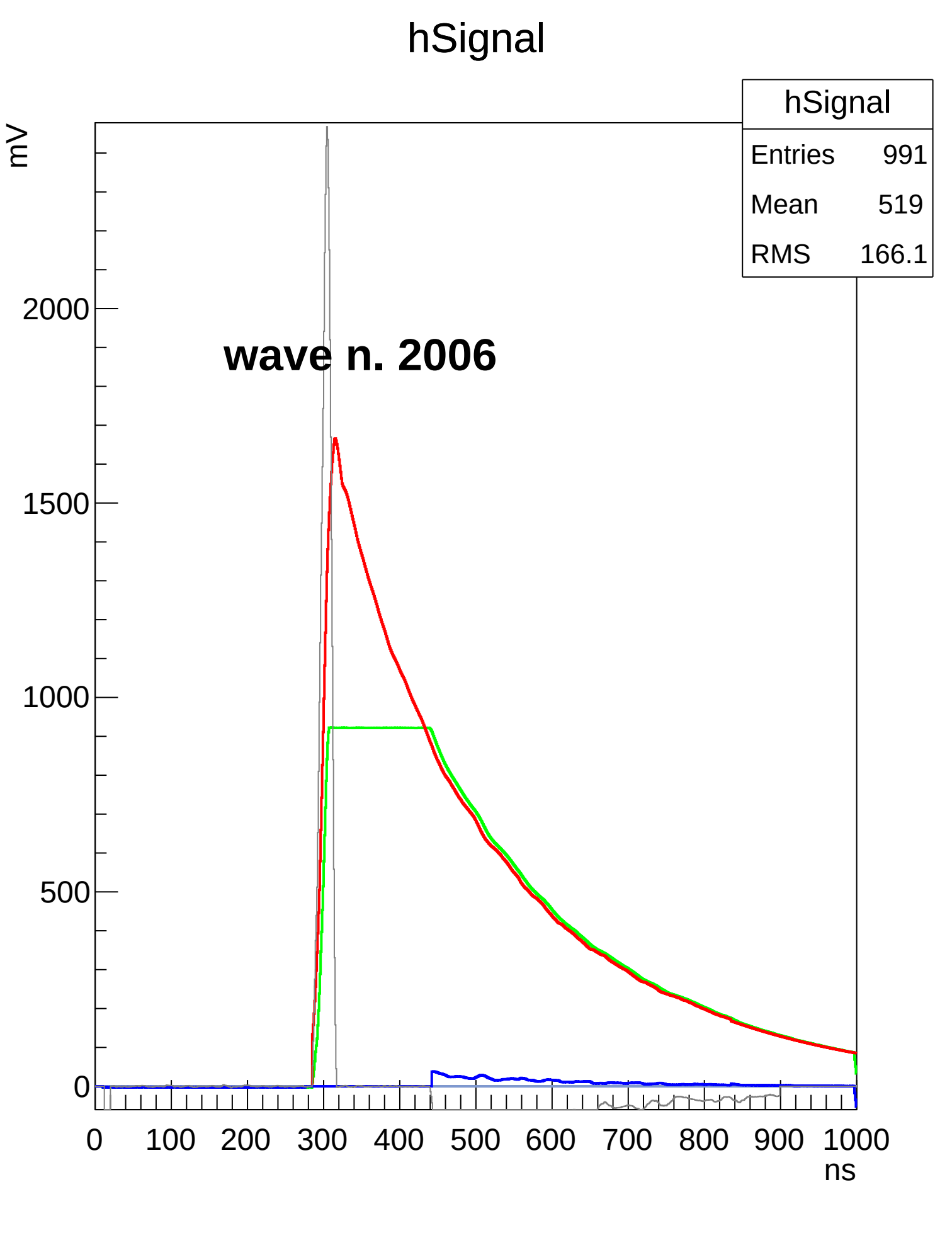
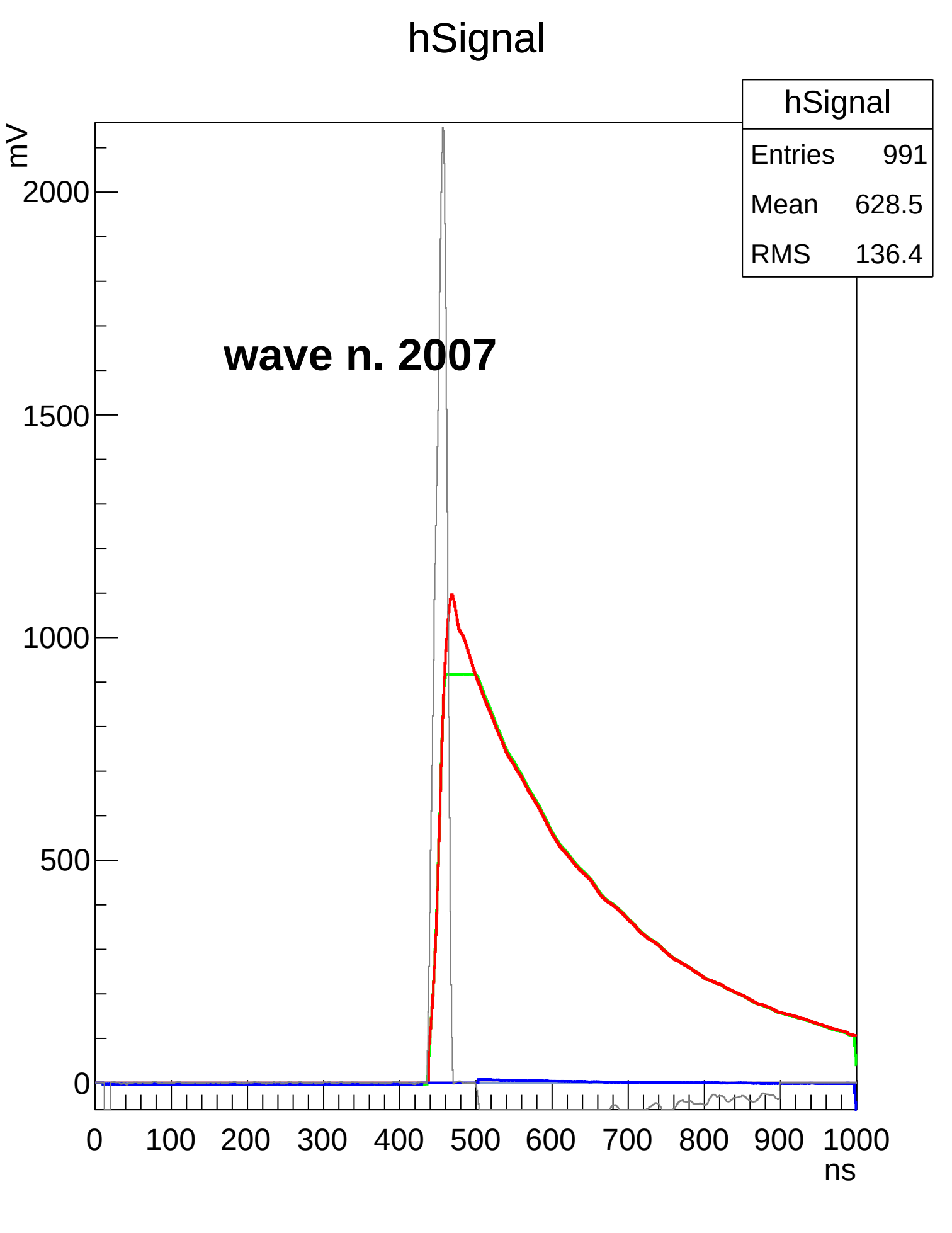
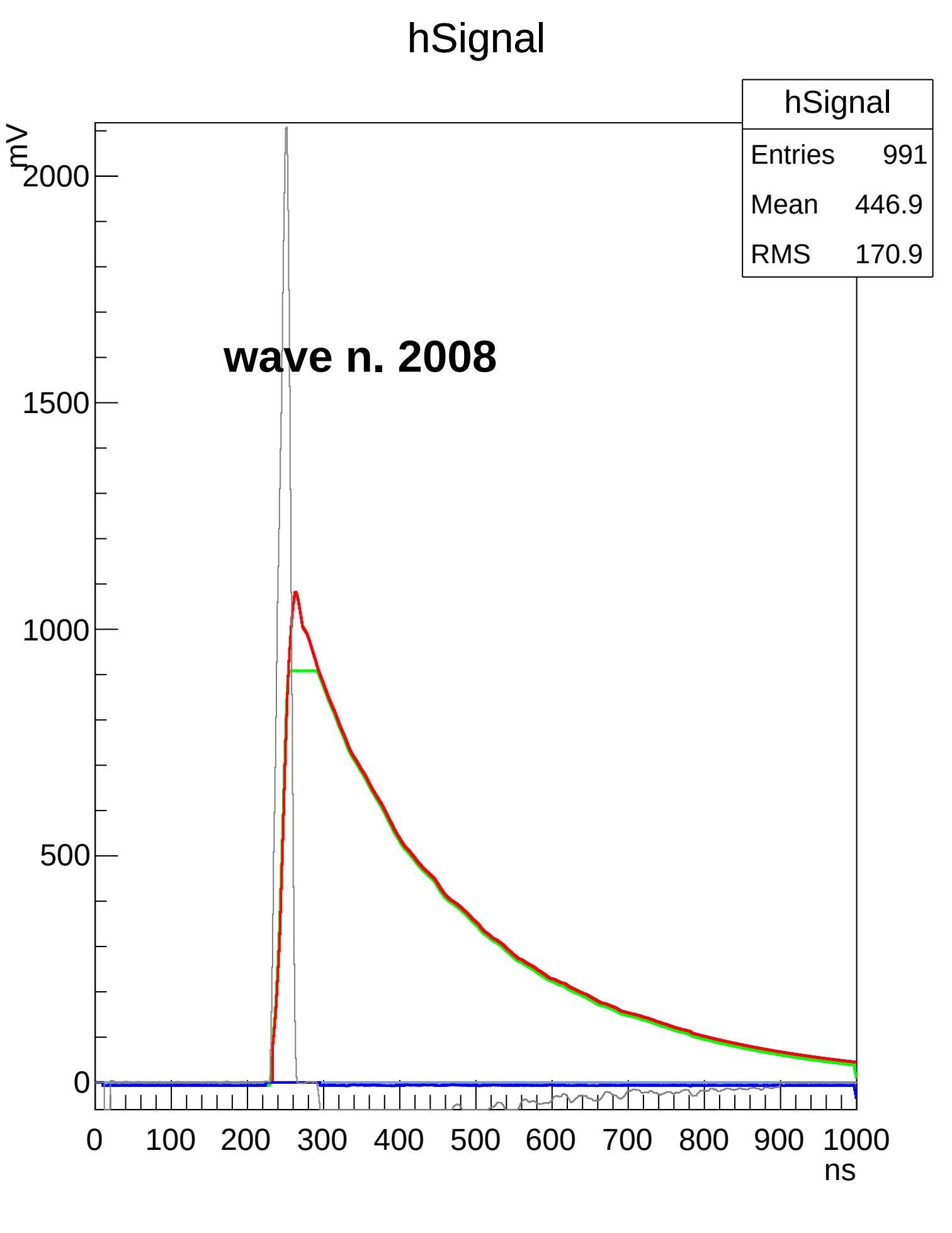
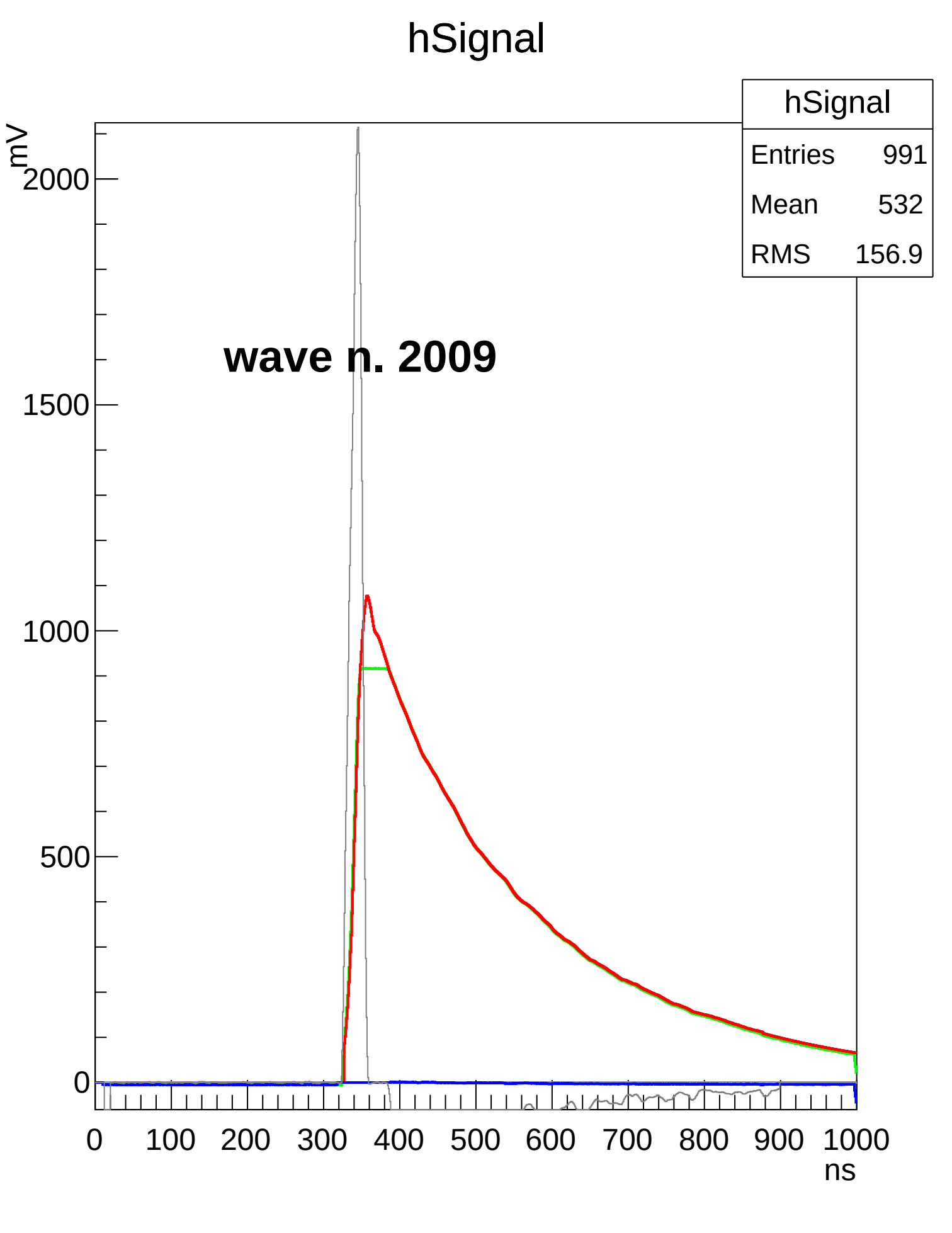
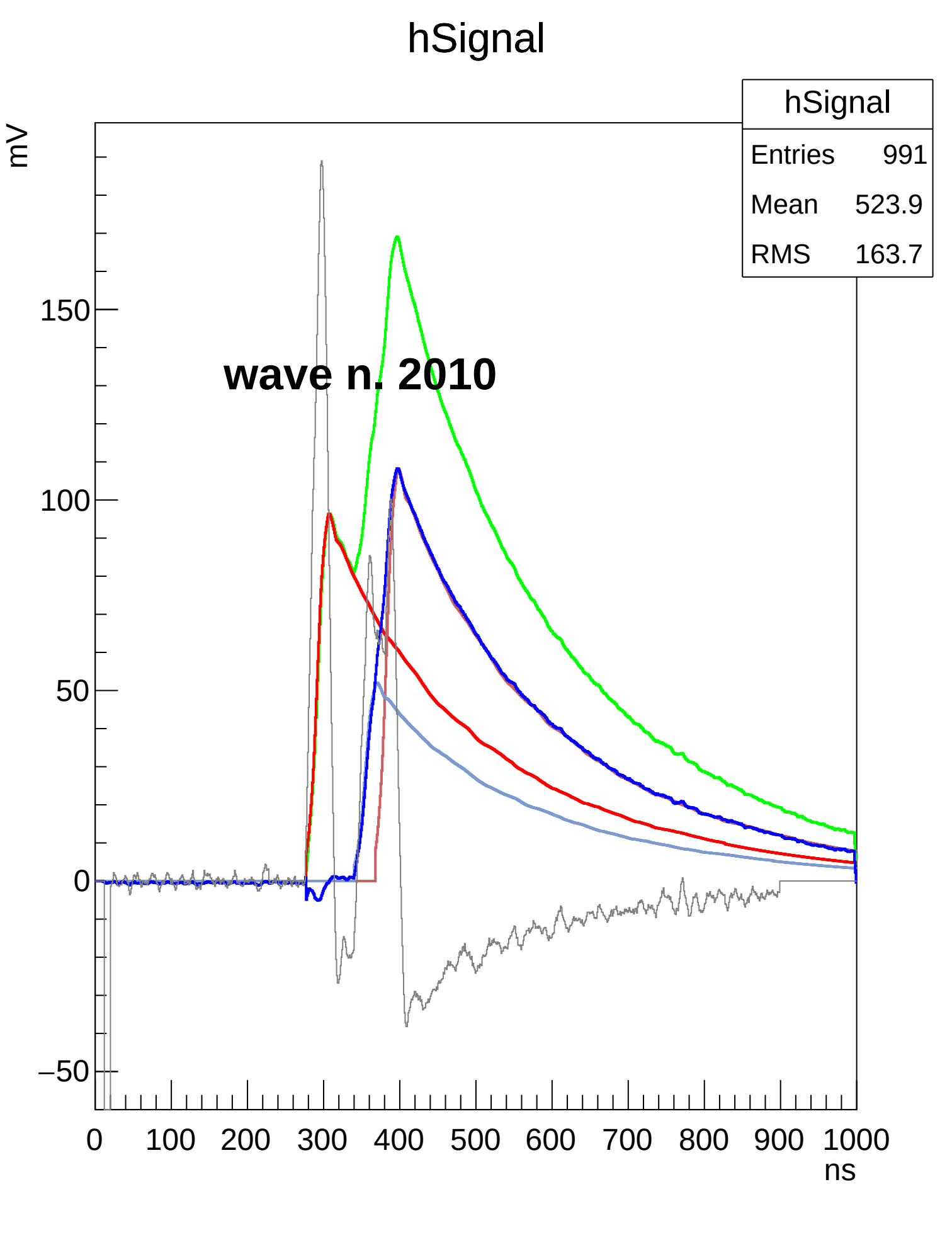
600
700
800
900
1000
ns

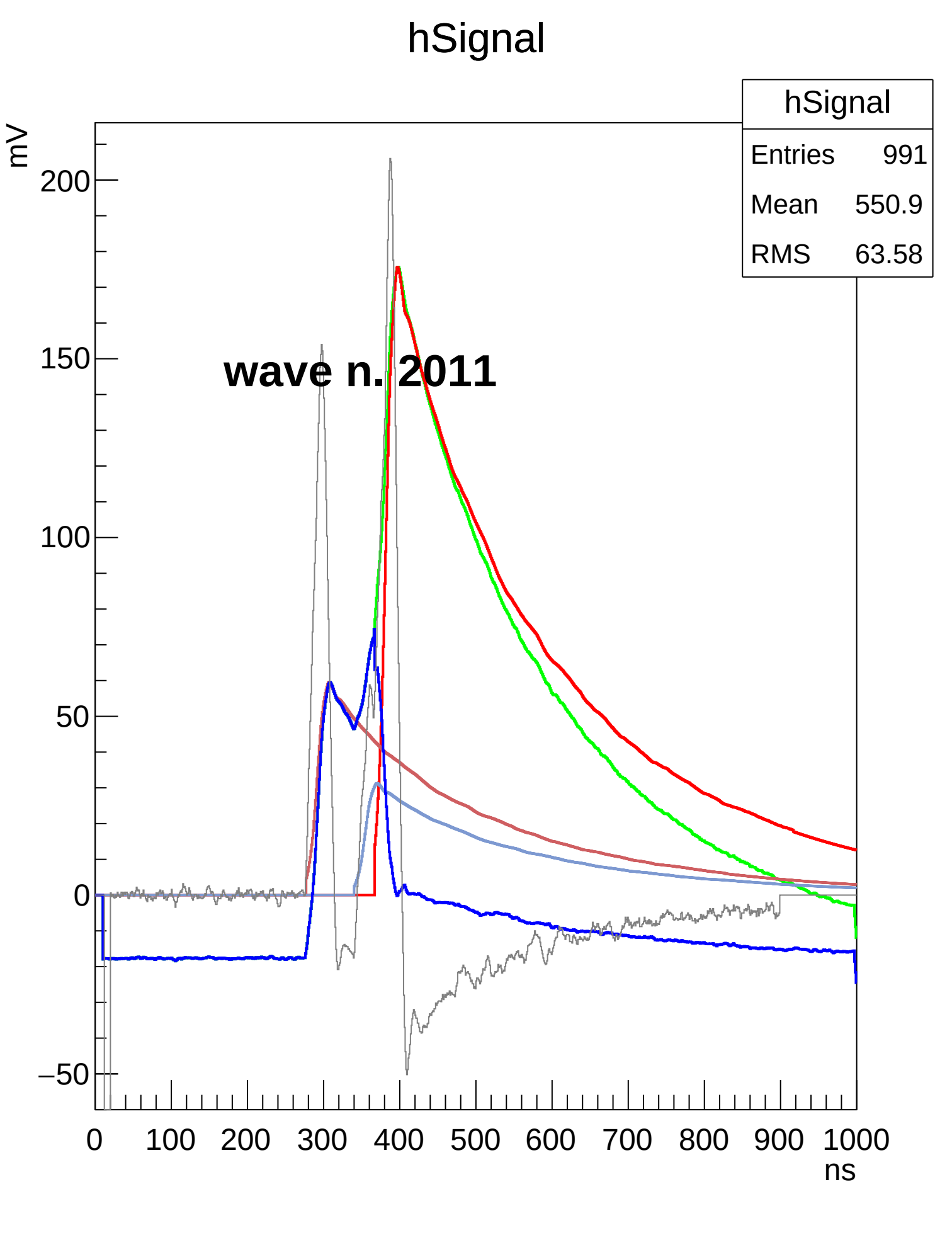

hSignal
hSignal
Entries 991
Mean 519
RMS 166.1
wave n. 2006
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

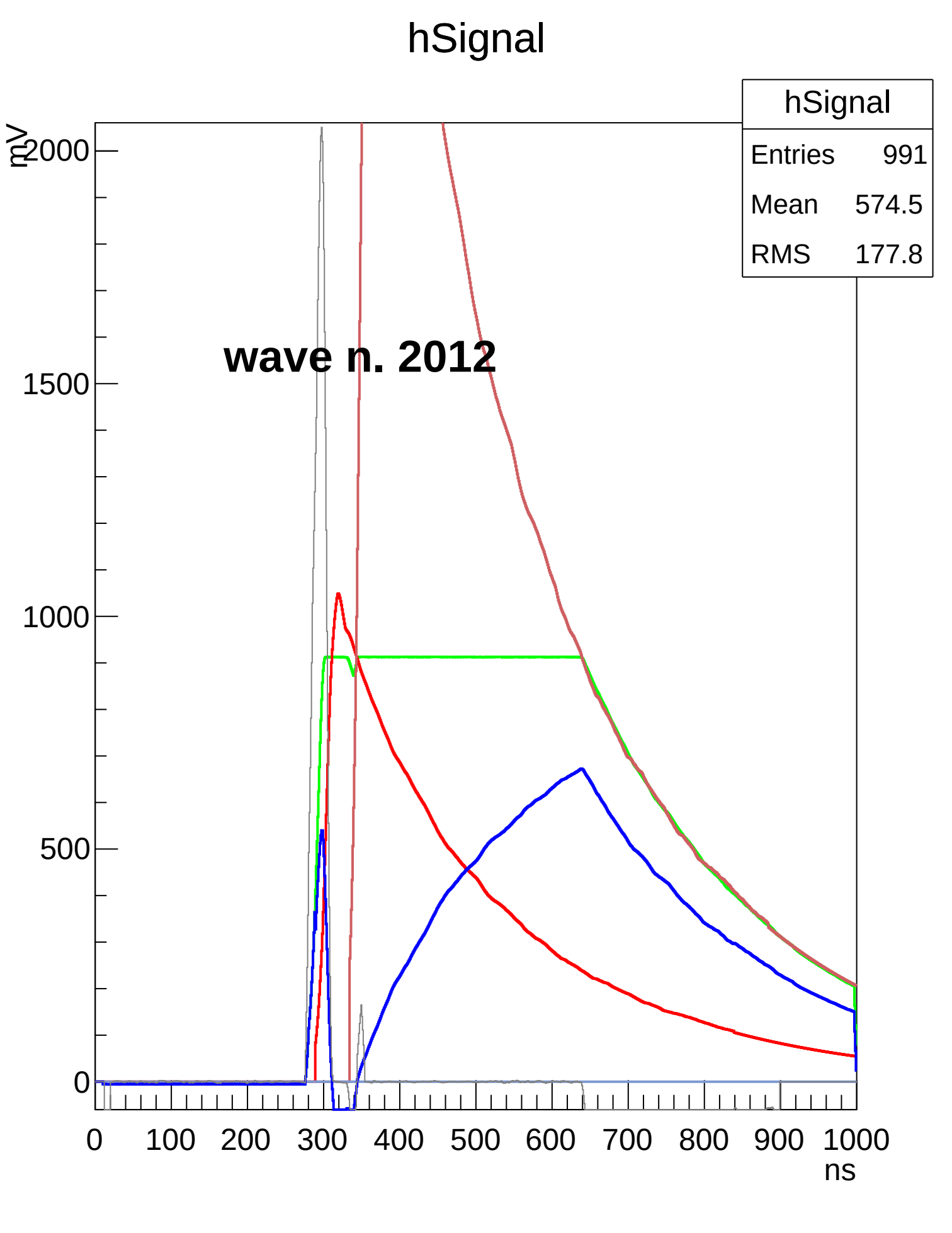

hSignal
hSignal
Entries 991
Mean 628.5
RMS 136.4
wave n. 2007
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

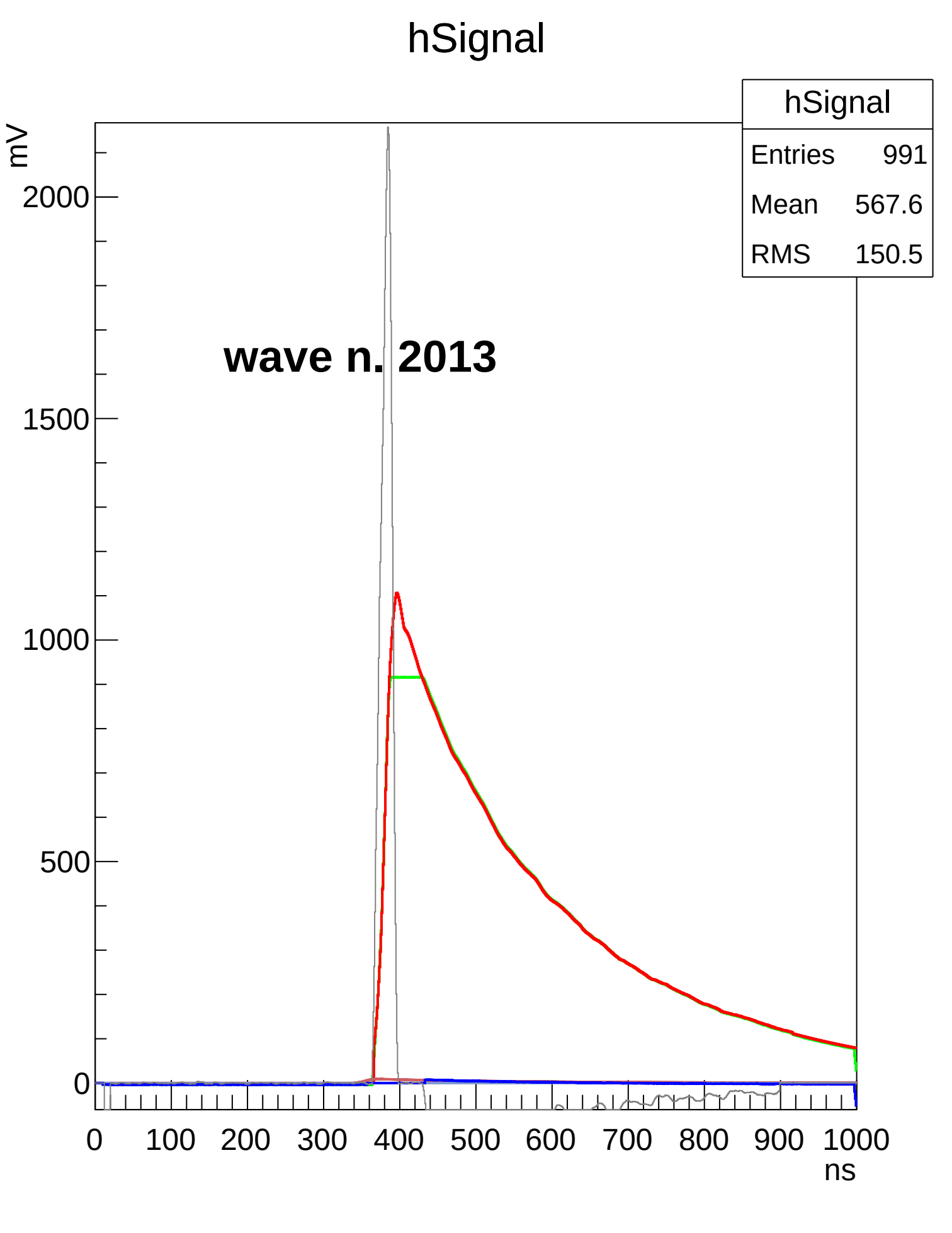

hSignal
hSignal
Entries 991
Mean 446.9
RMS 170.9
wave n. 2008
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

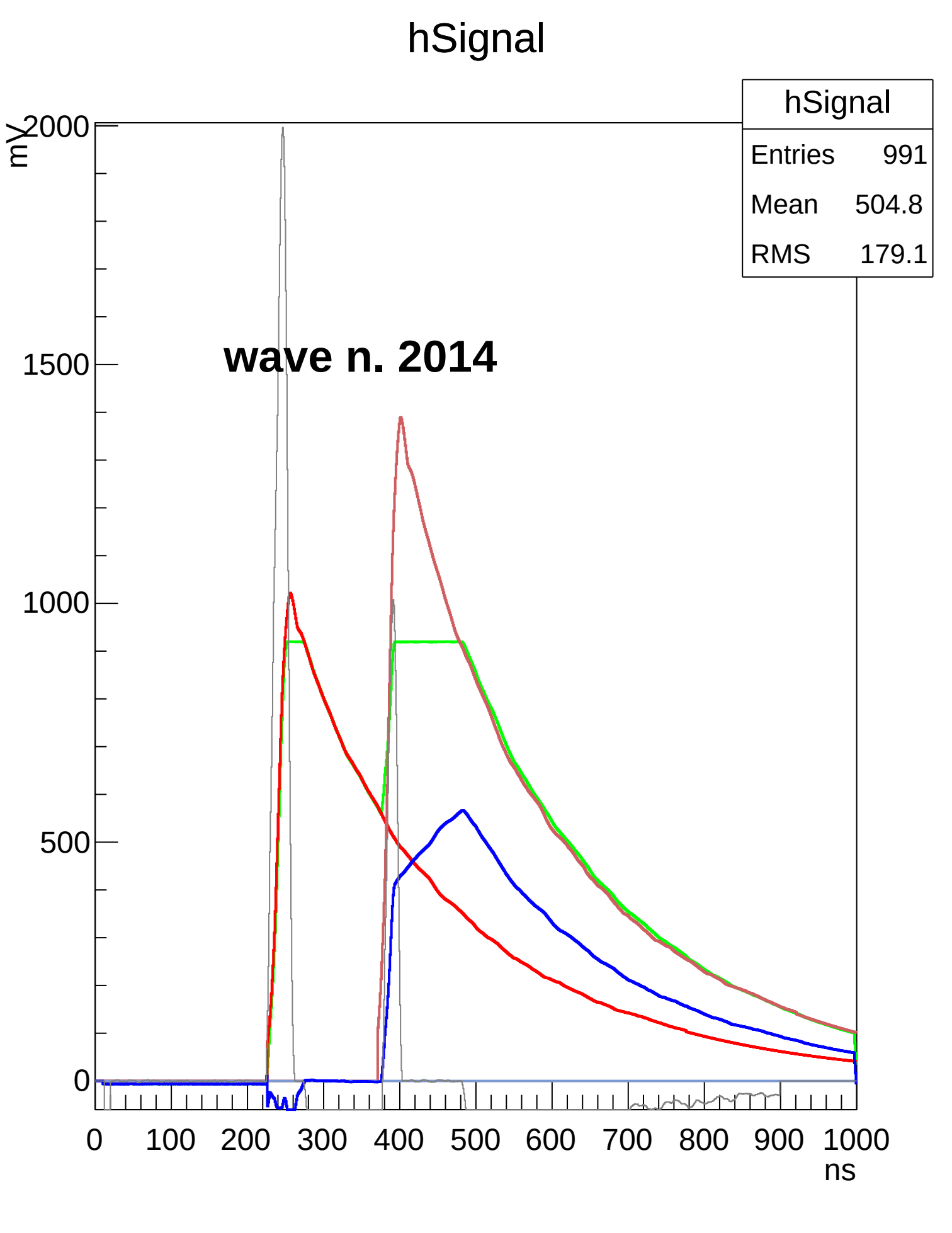

hSignal
hSignal
Entries 991
Mean 532
RMS 156.9
wave n. 2009
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

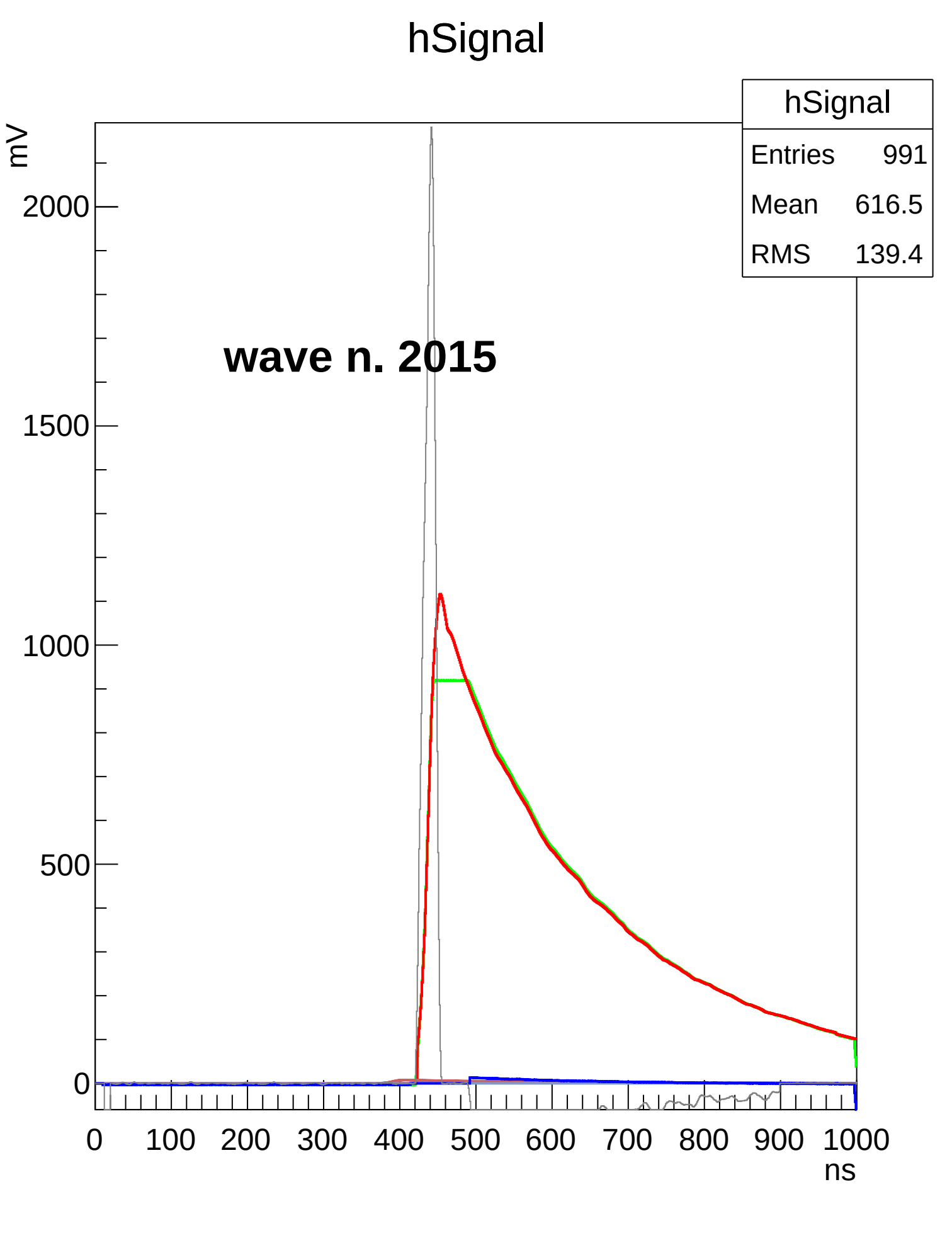

hSignal
hSignal
Entries 991
Mean 523.9
RMS 163.7
wave n. 2010
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

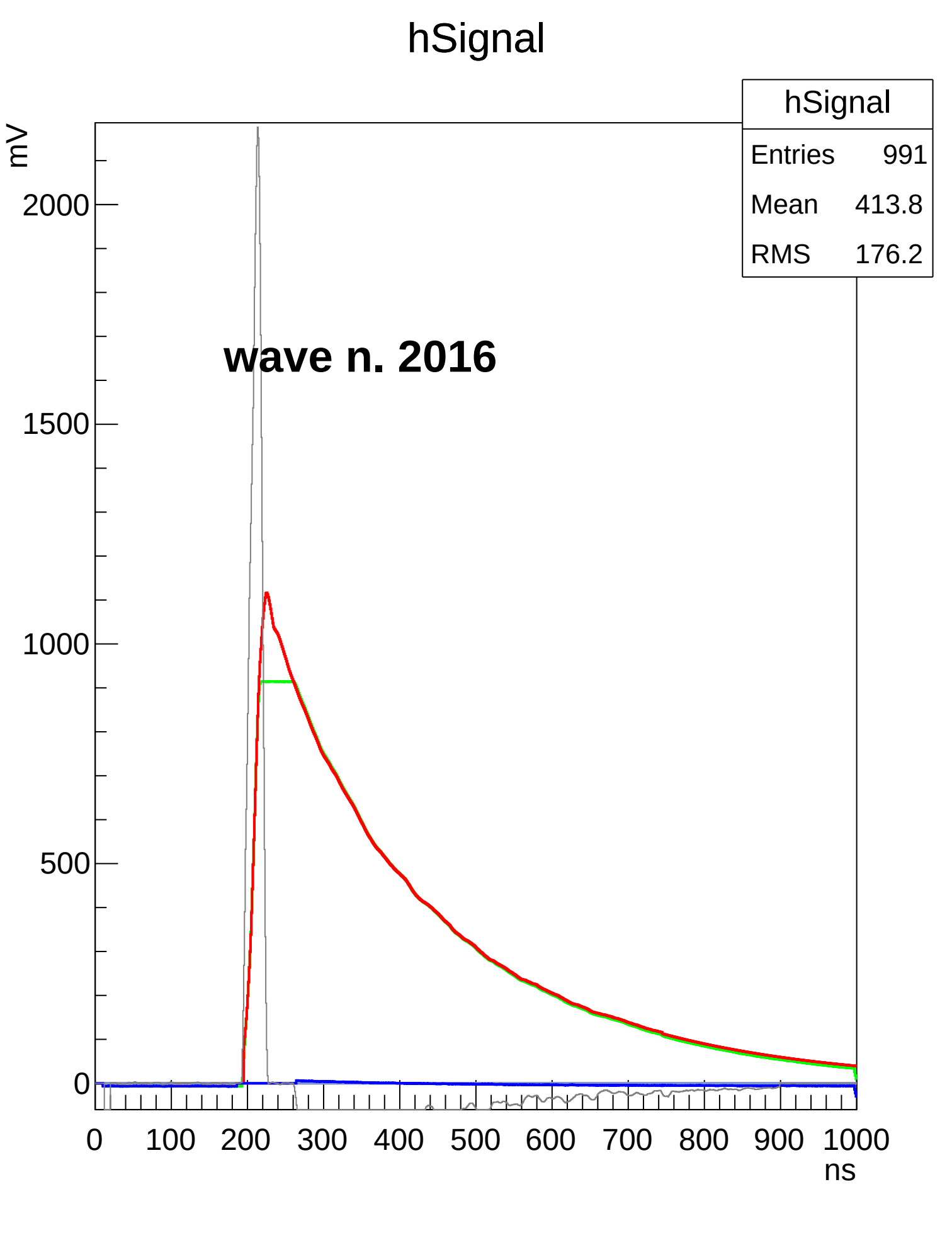

hSignal
hSignal
Entries 991
Mean 550.9
RMS 63.58
wave n. 2011
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

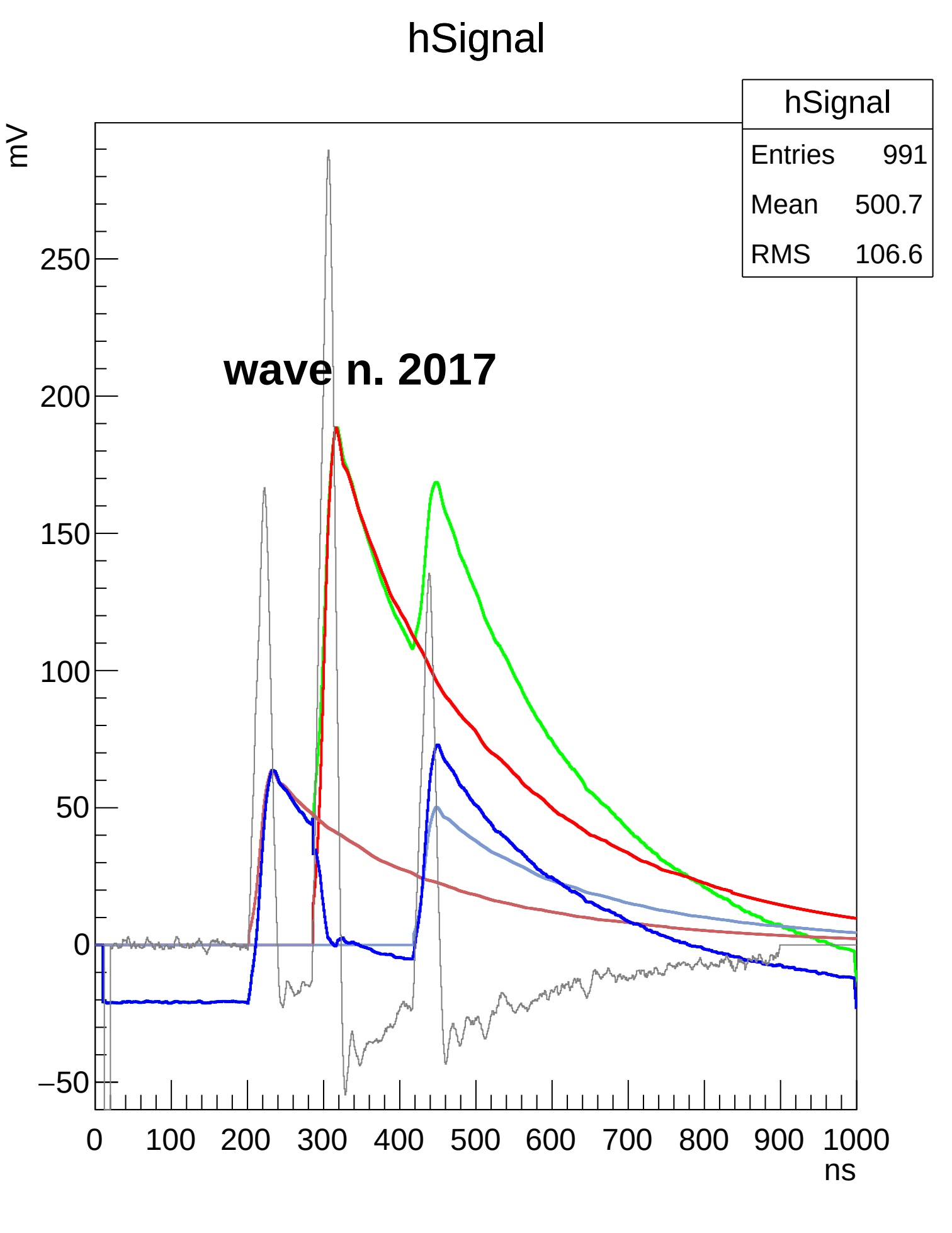

hSignal
hSignal
Entries 991
Mean 574.5
RMS 177.8
wave n. 2012
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

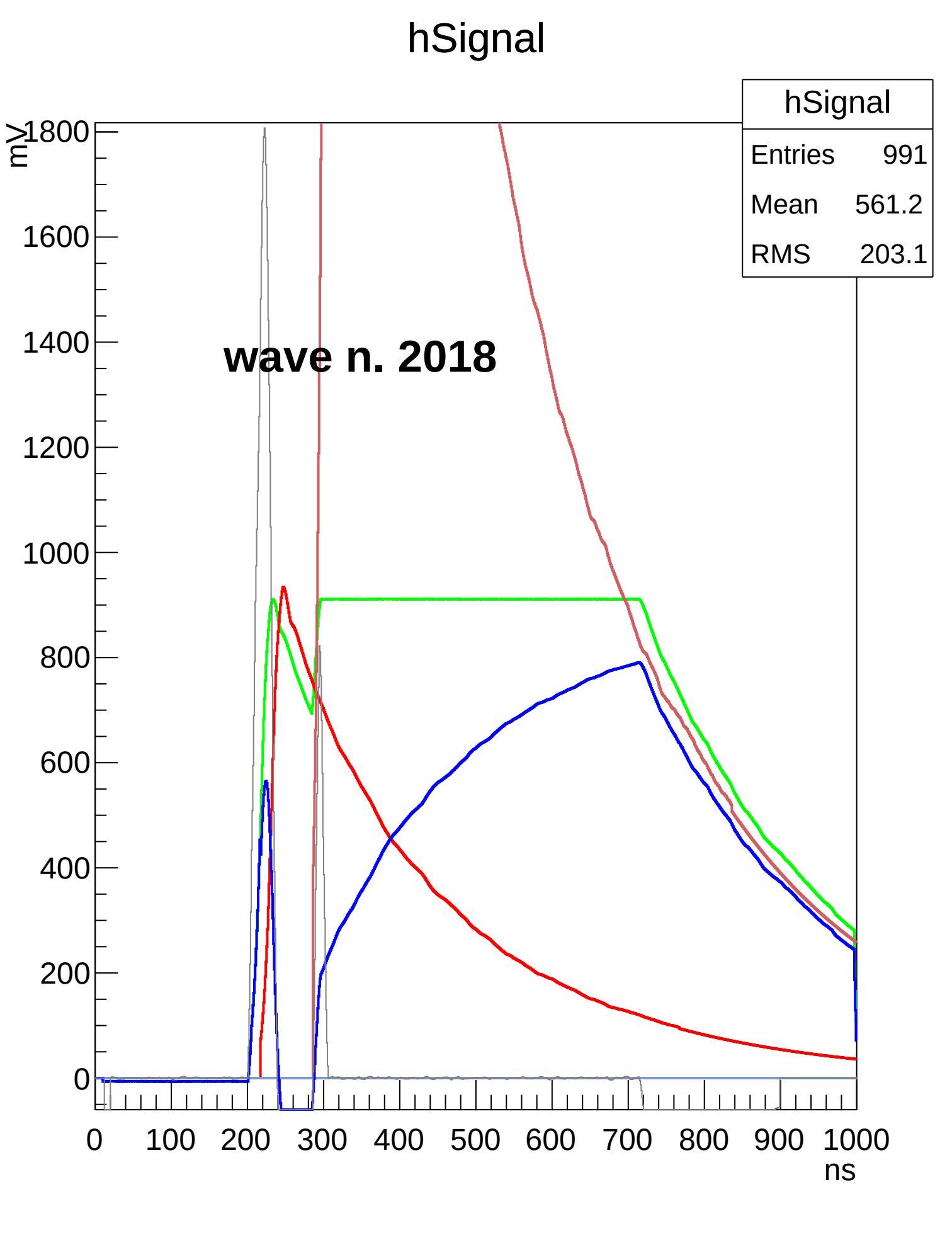

hSignal
hSignal
Entries 991
Mean 567.6
RMS 150.5
wave n. 2013
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

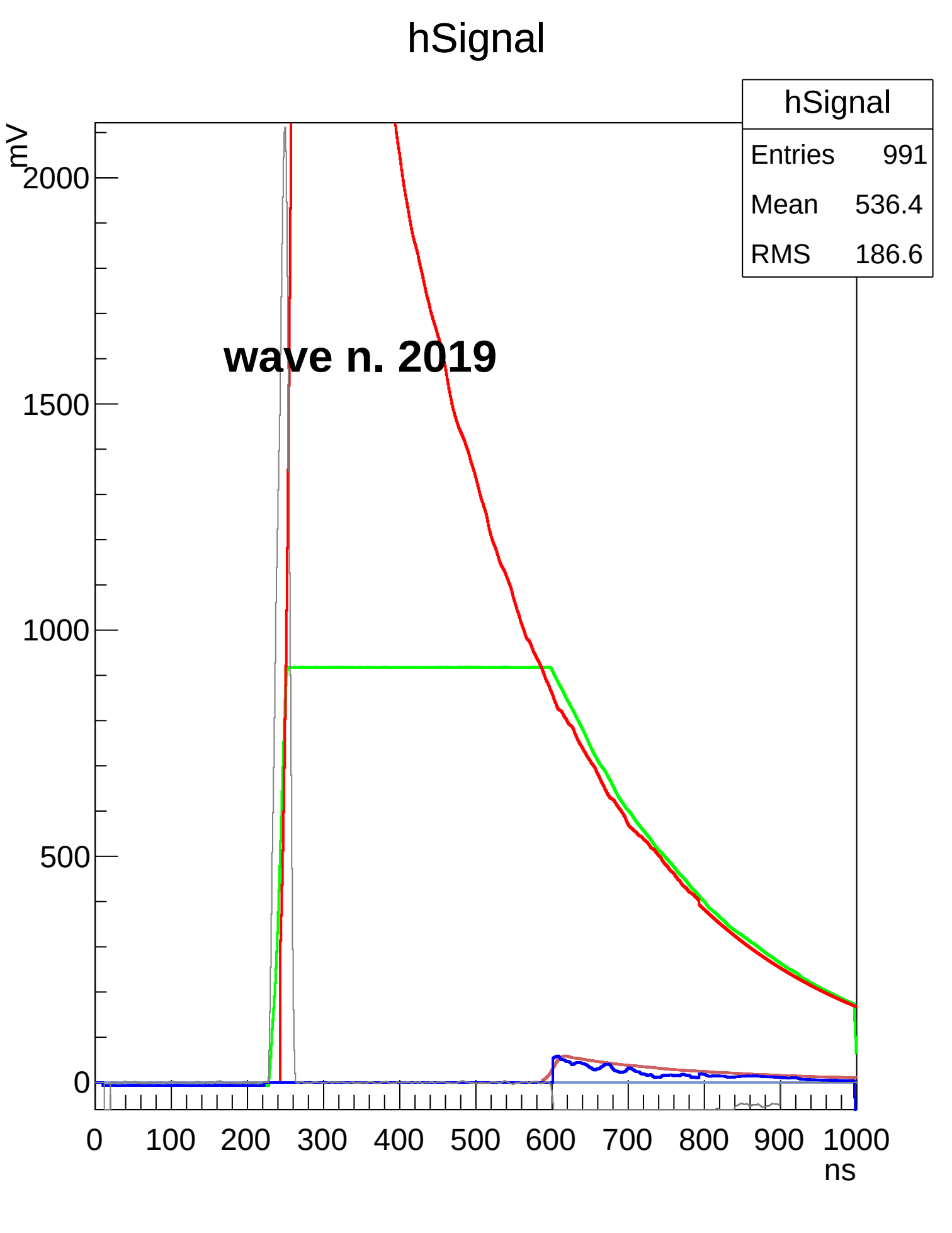

hSignal
hSignal
Entries 991
Mean 504.8
RMS 179.1
wave n. 2014
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

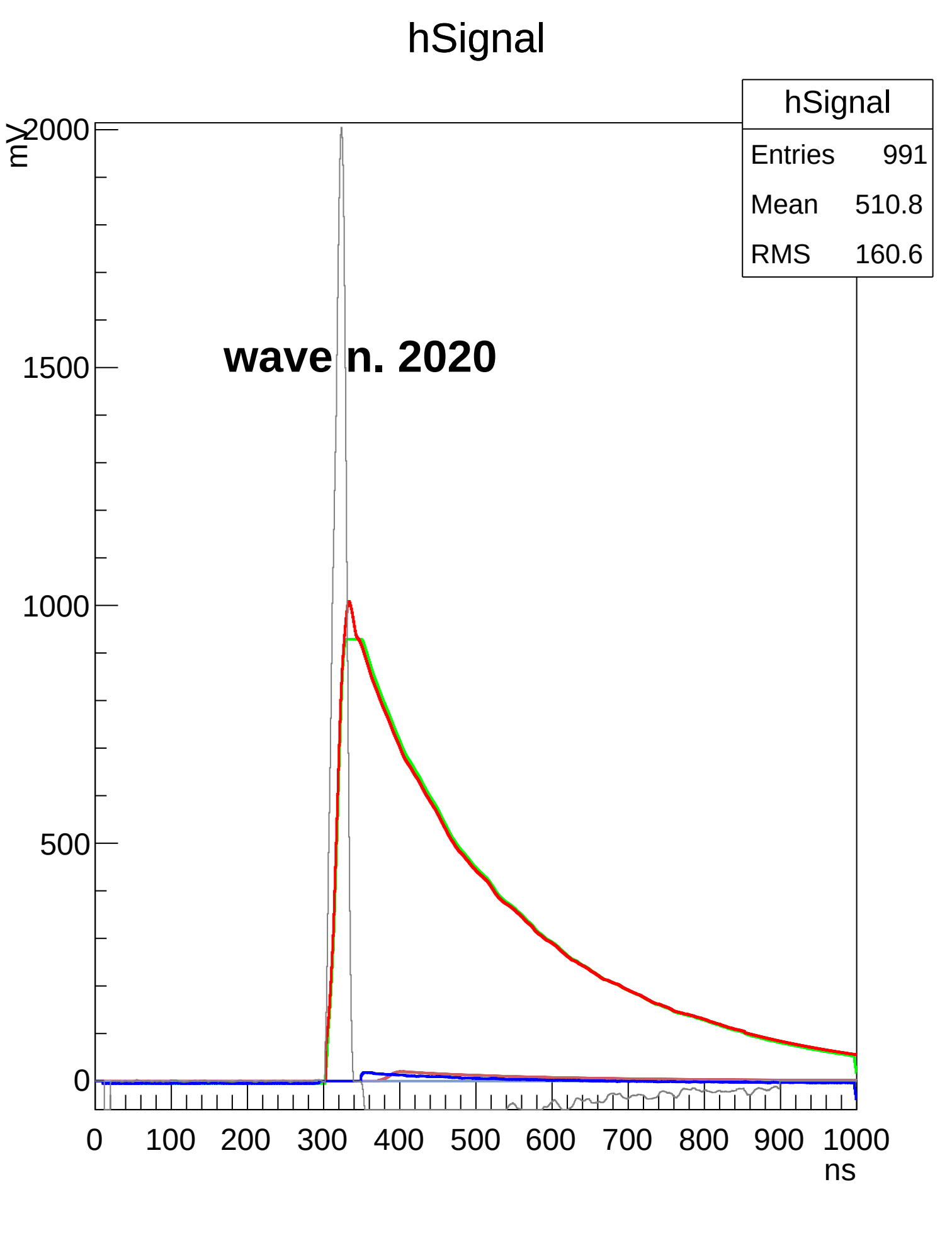

hSignal
hSignal
Entries 991
Mean 616.5
RMS 139.4
wave n. 2015
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 413.8
RMS 176.2
wave n. 2016
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 500.7
RMS 106.6
wave n. 2017
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.2
RMS 203.1
wave n. 2018
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 536.4
RMS 186.6
wave n. 2019
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 510.8
RMS 160.6
wave n. 2020
mV
2000
1500
1000
500
0
0
100
200
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400
500
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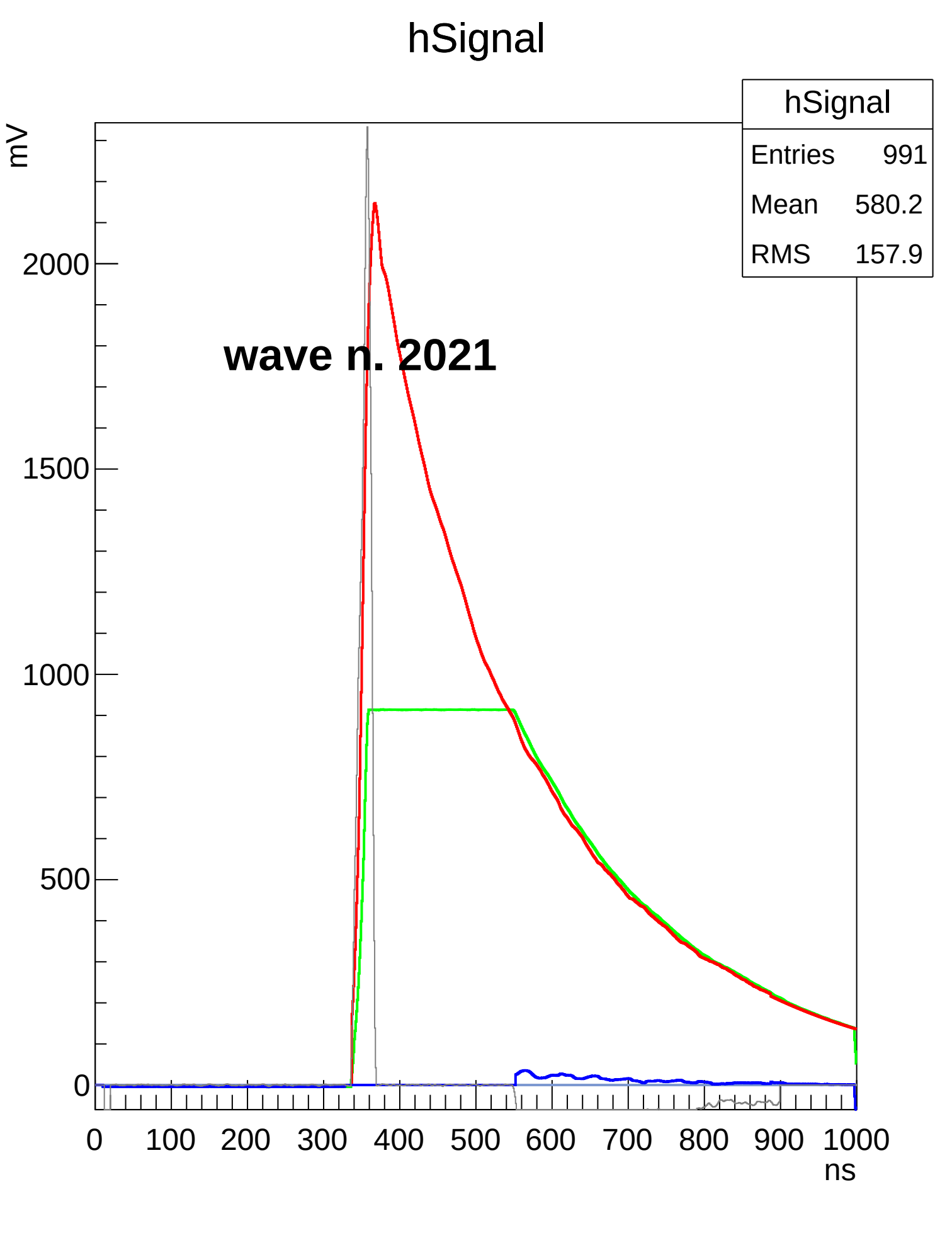
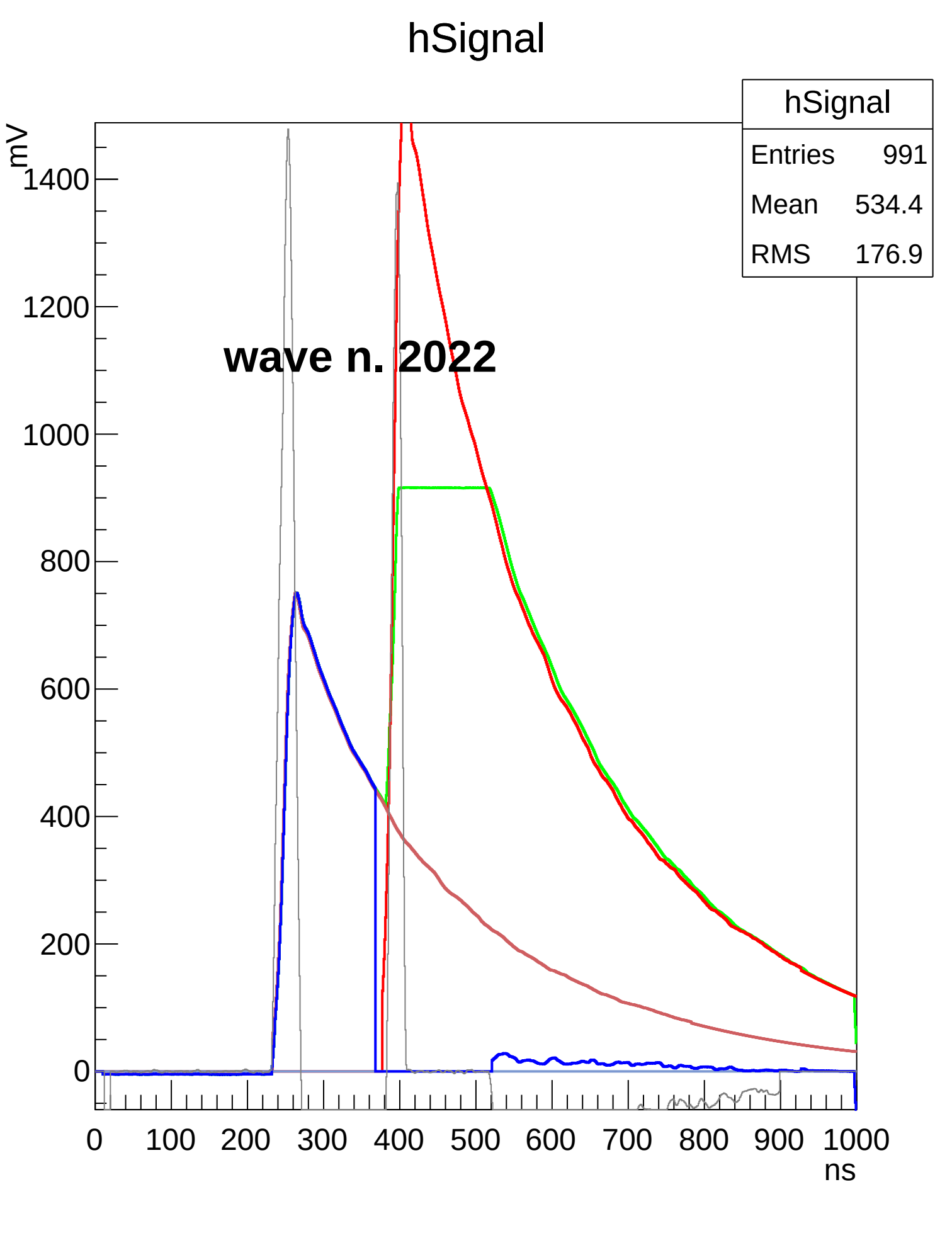
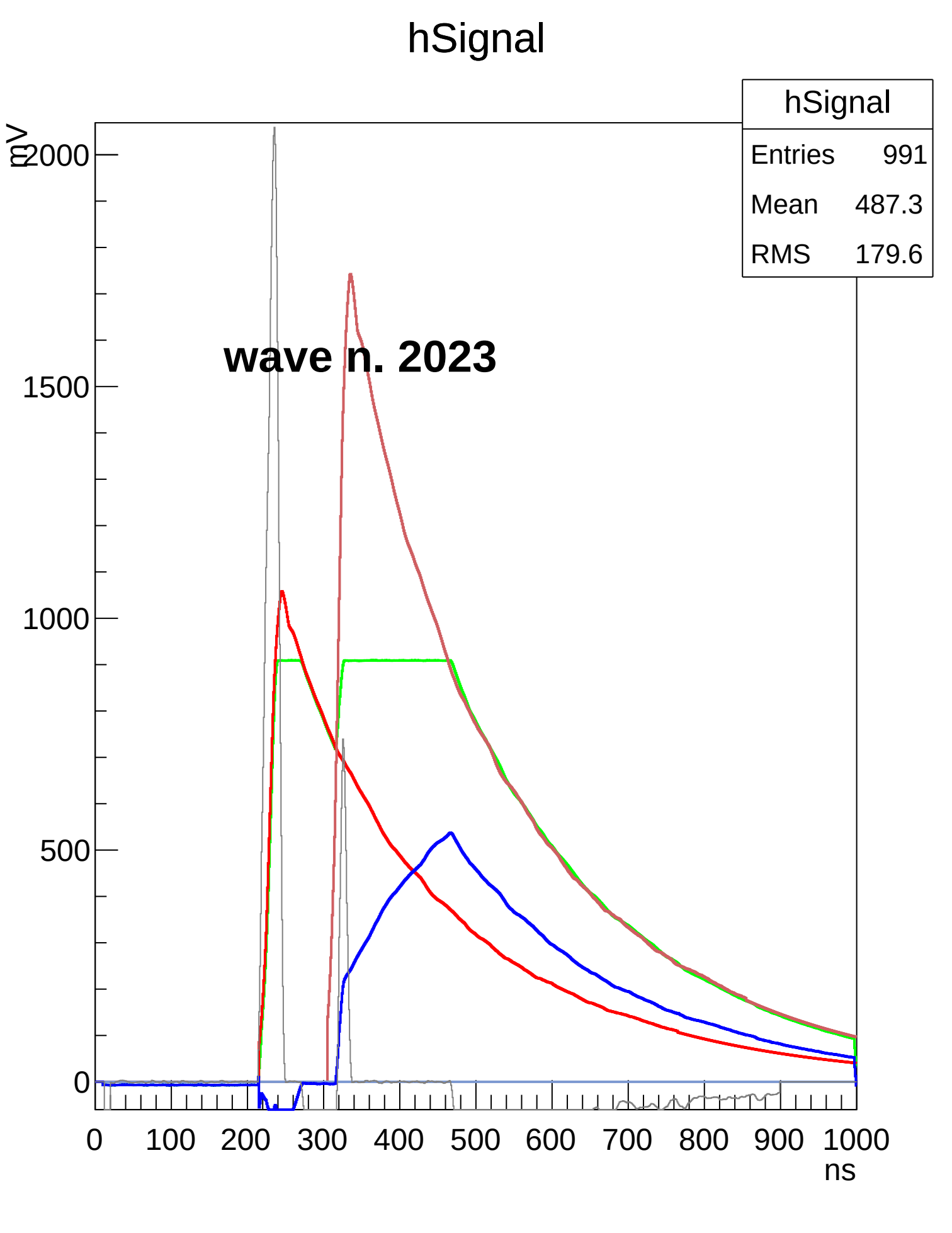
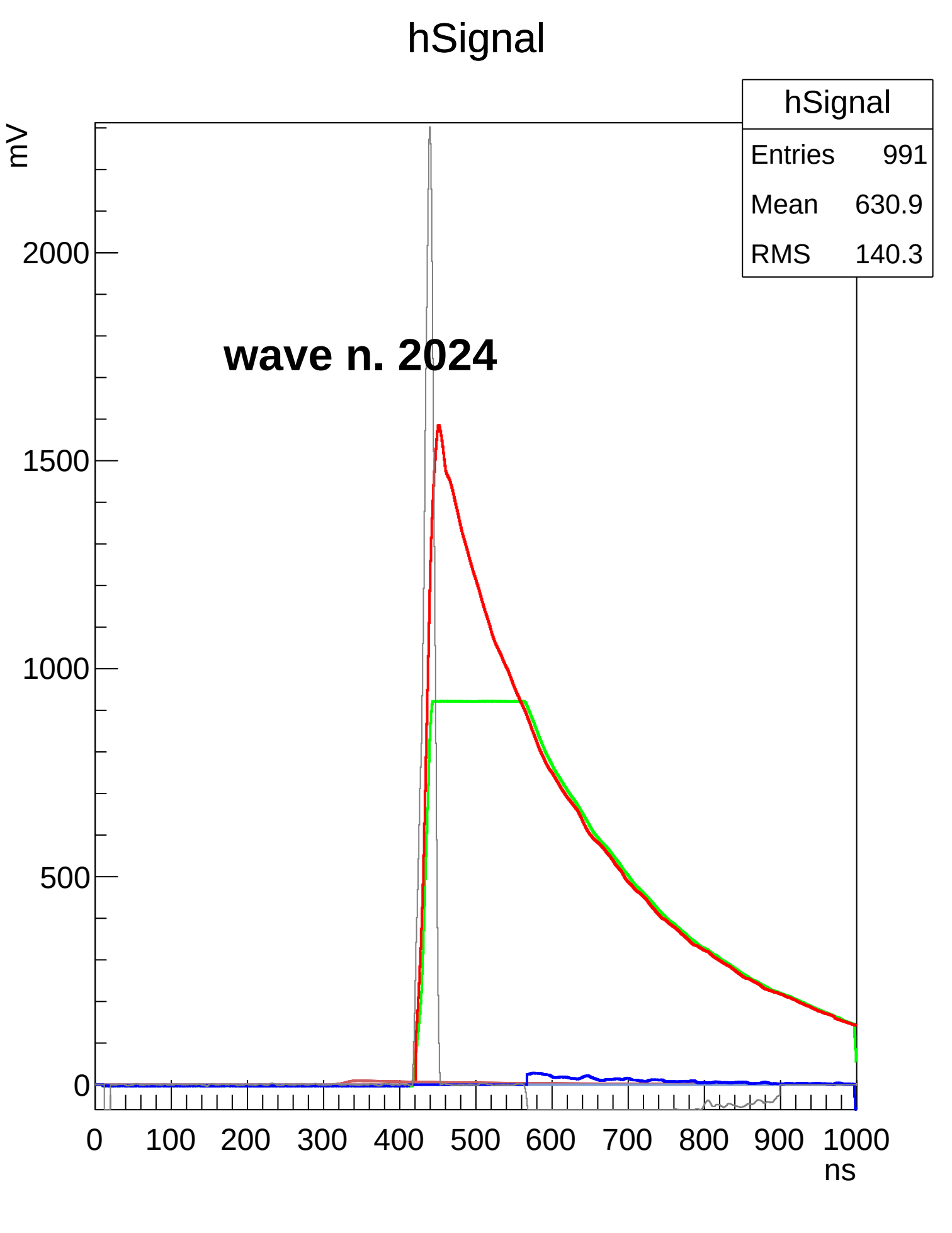
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580.2
RMS 157.9
wave n. 2021
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 534.4
RMS 176.9
wave n. 2022
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 487.3
RMS 179.6
wave n. 2023
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 630.9
RMS 140.3
wave n. 2024
mV
2000
1500
1000
500
0
0
100
200
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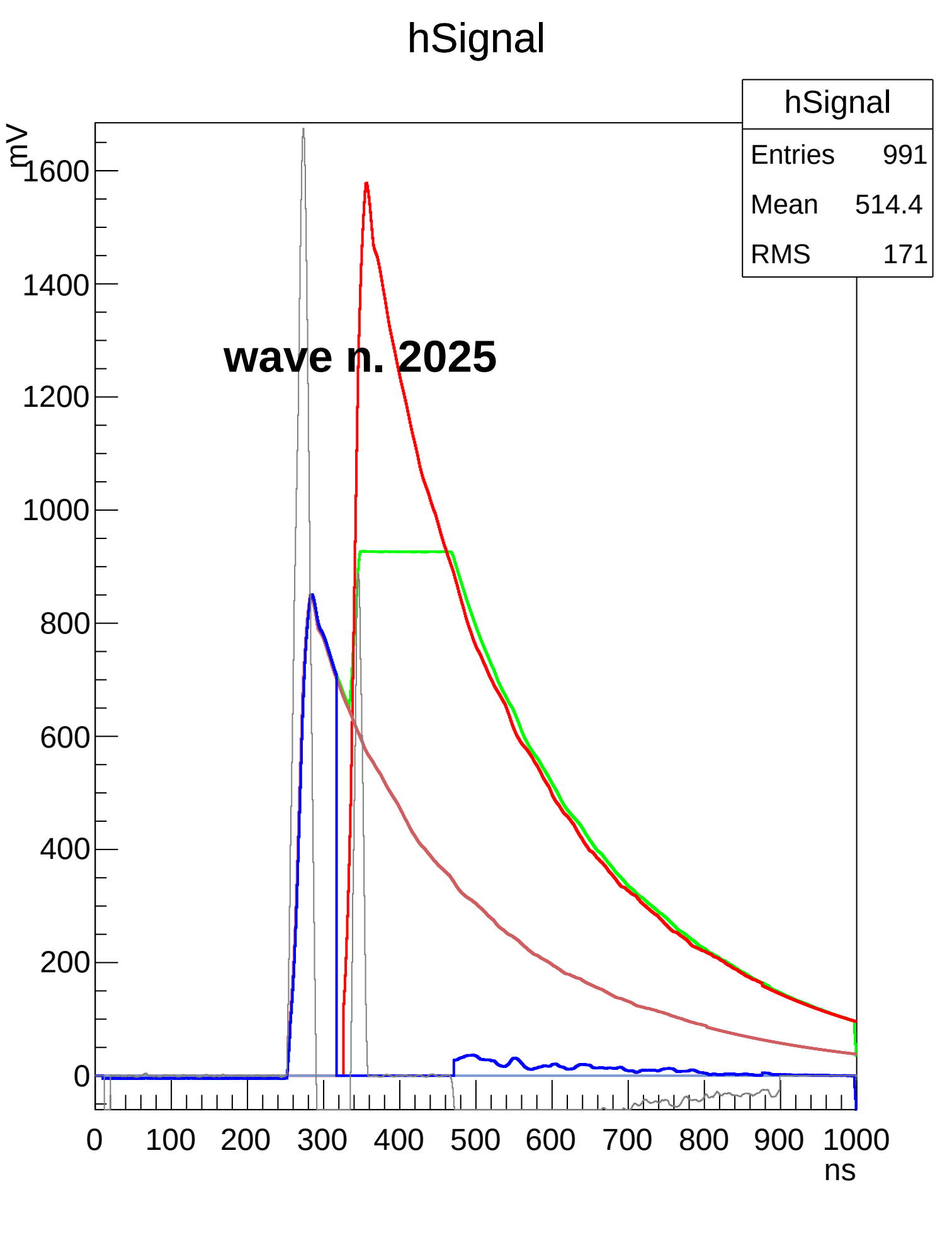
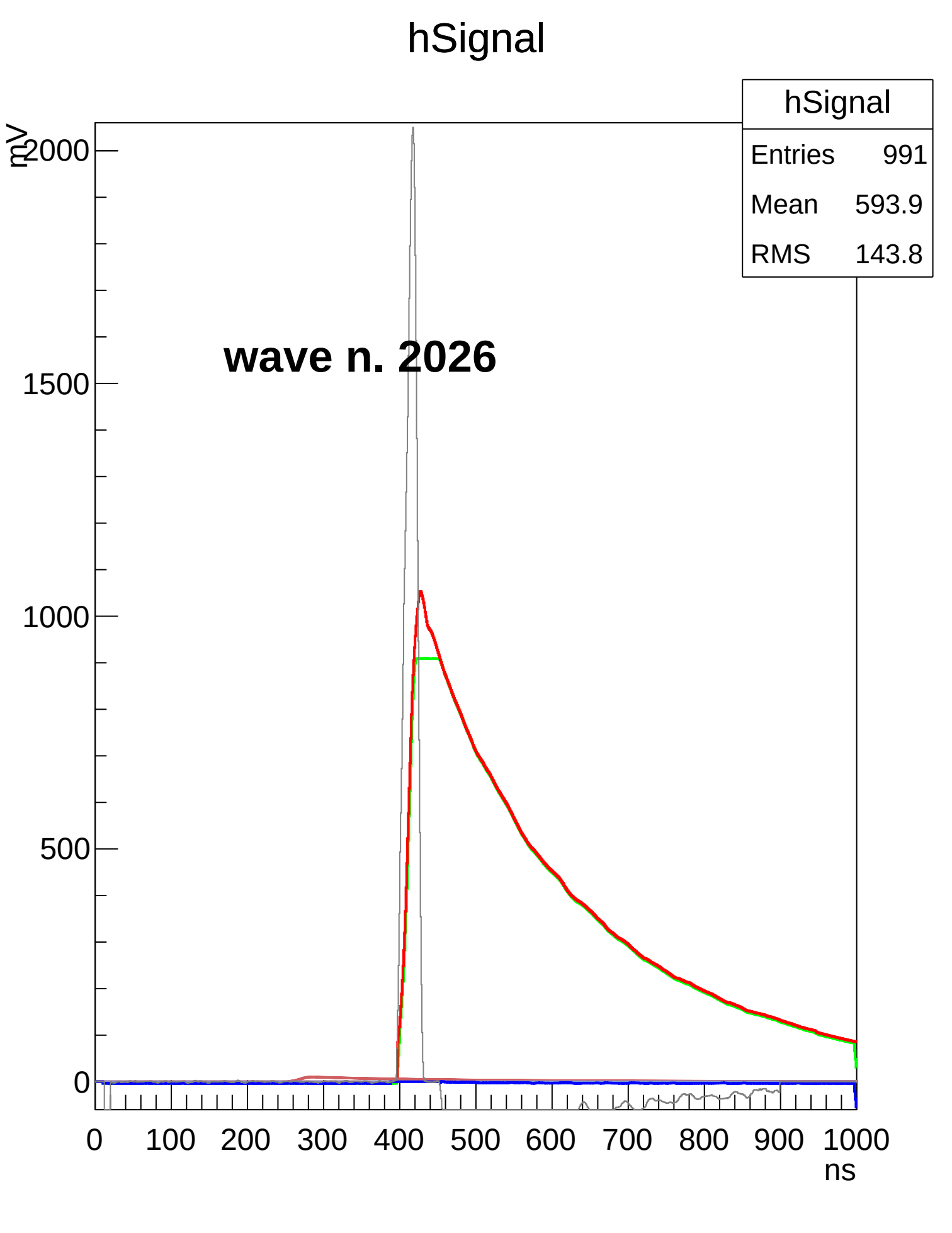
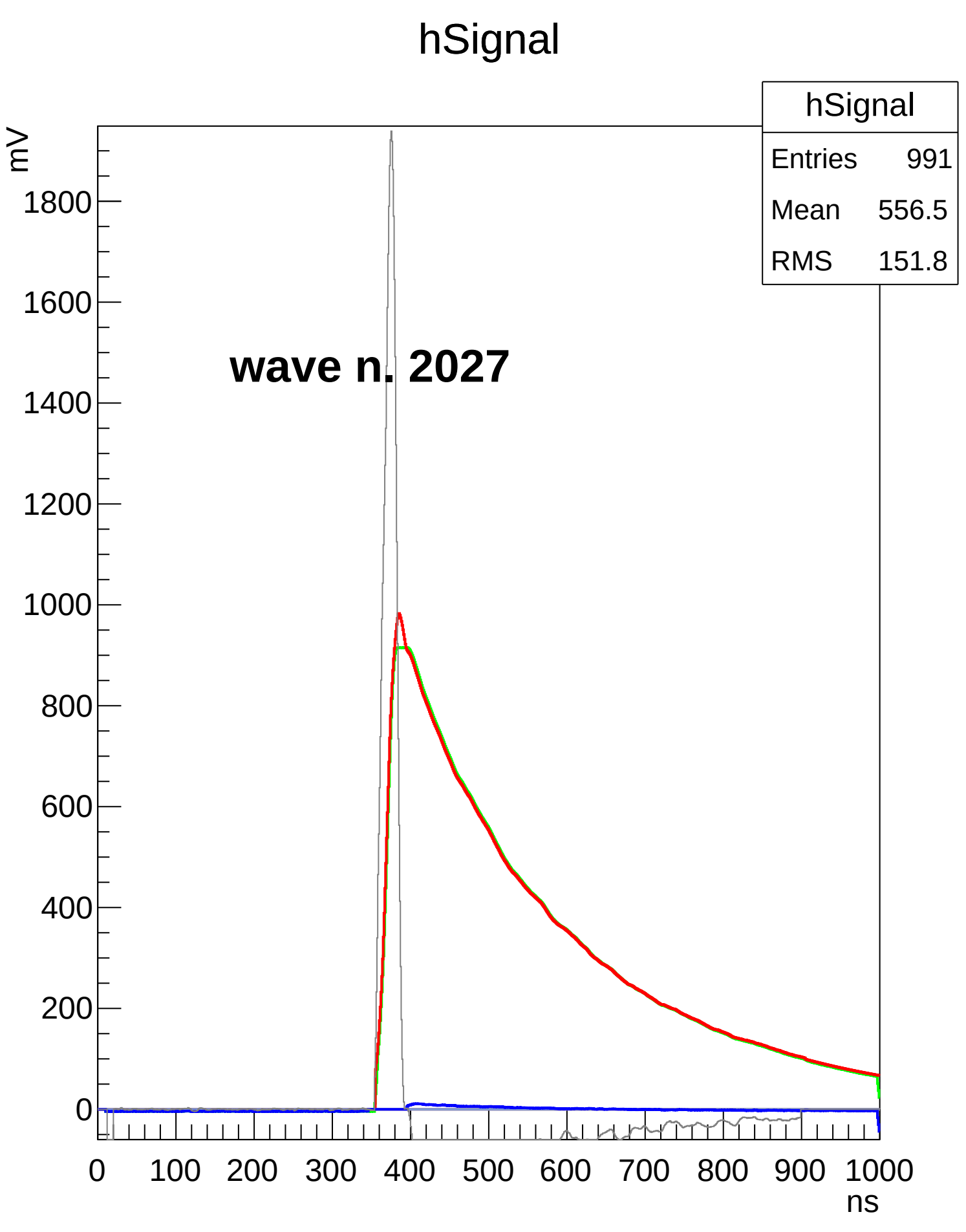
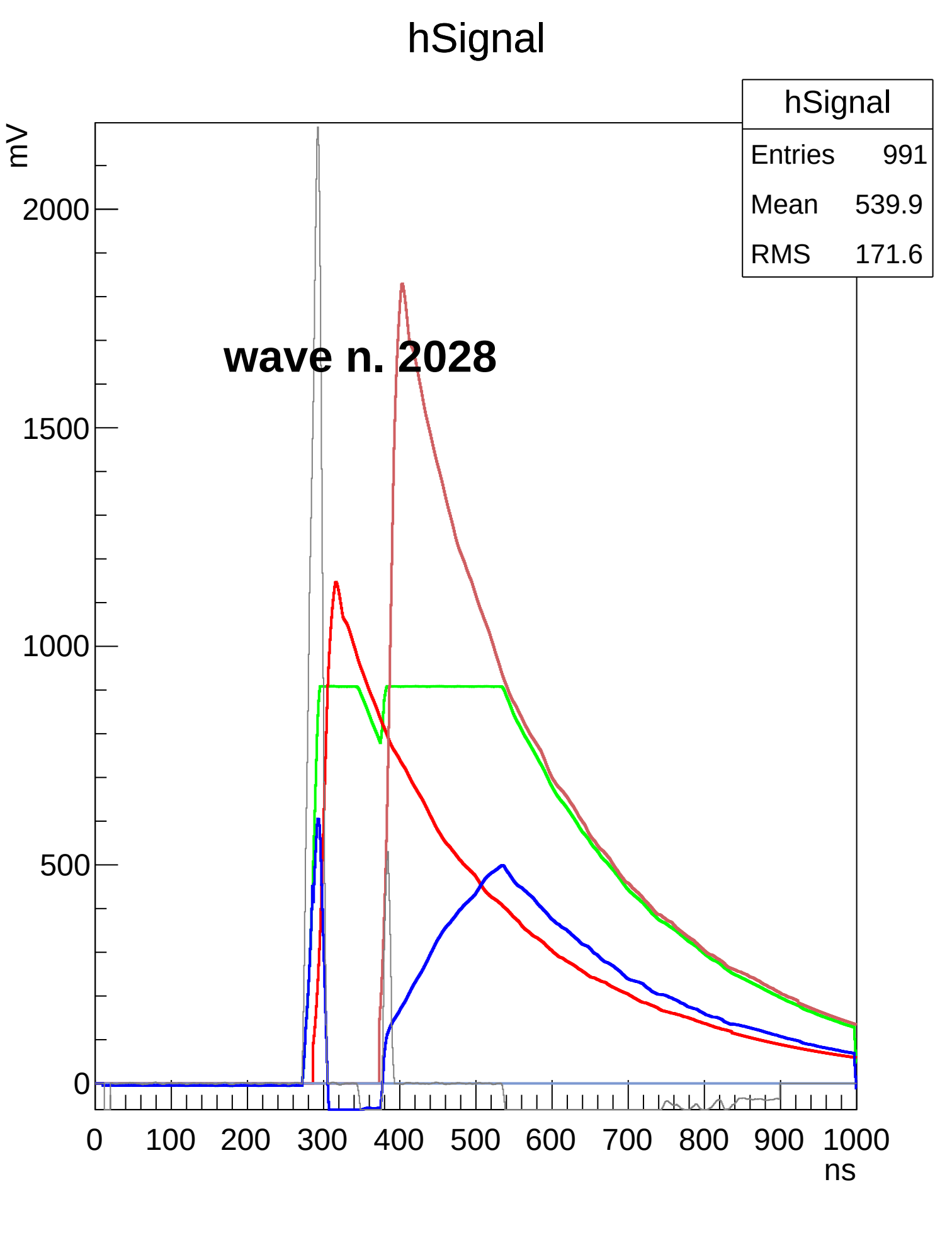
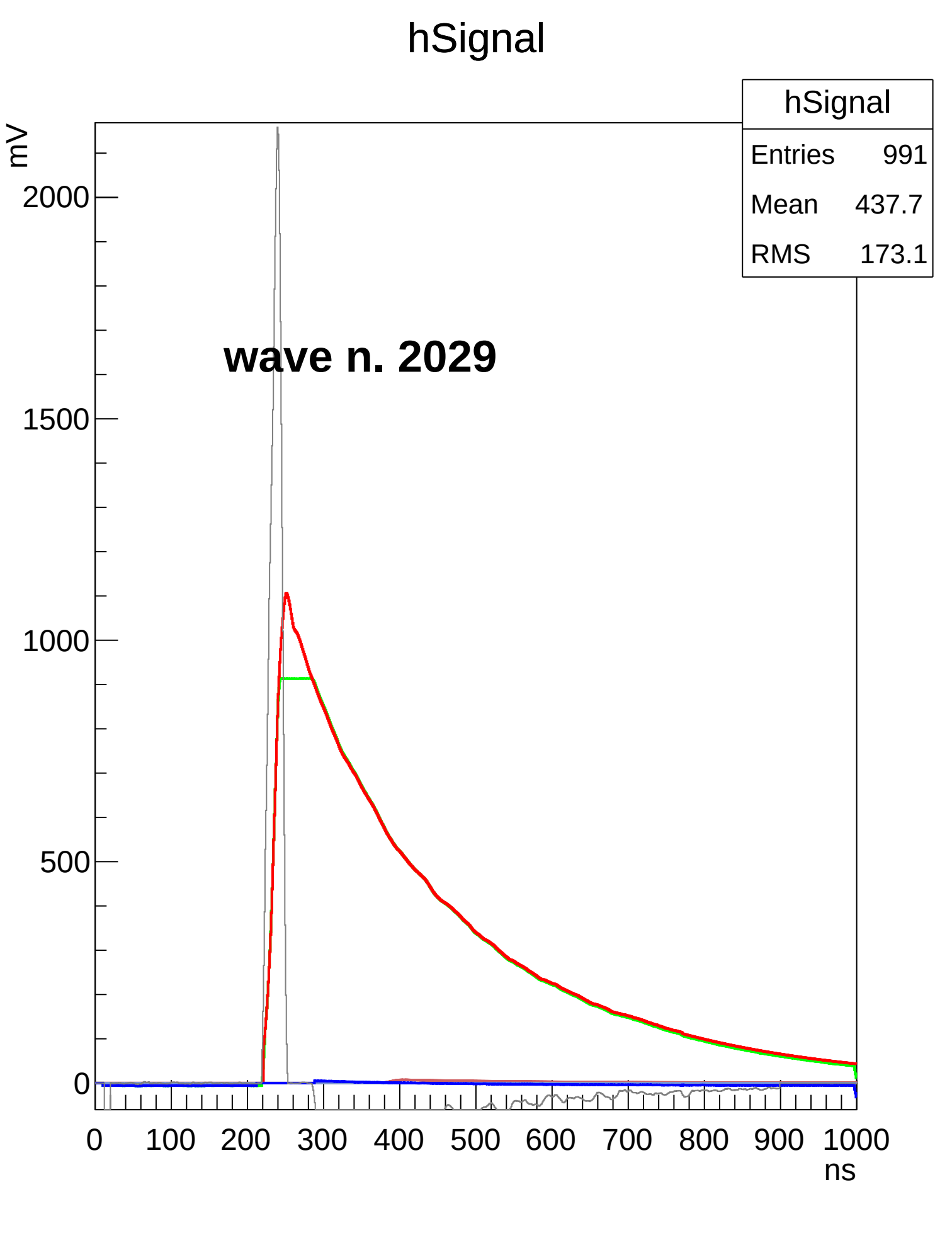
700
800
900
1000
ns

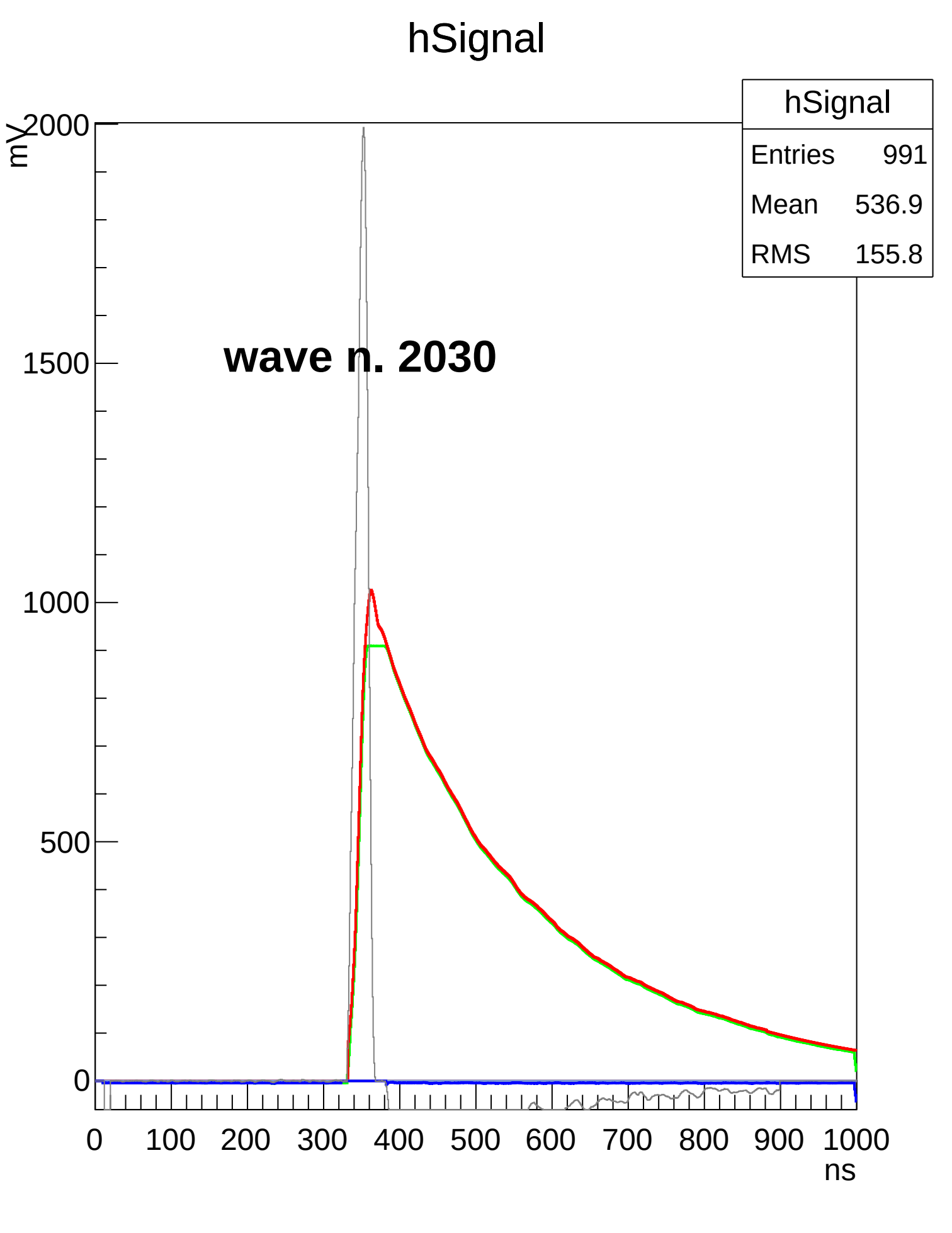

hSignal
hSignal
Entries 991
Mean 514.4
RMS 171
wave n. 2025
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

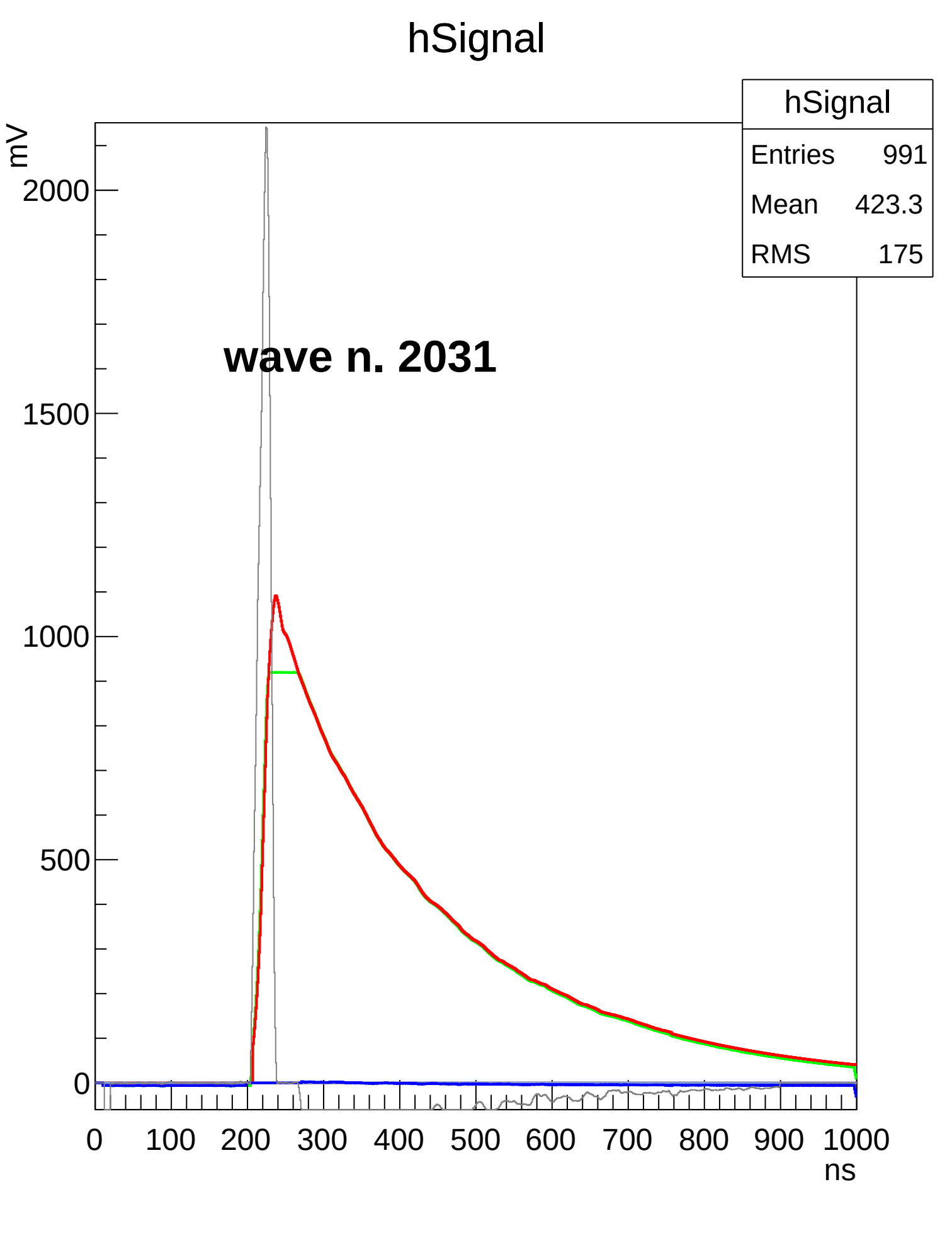

hSignal
hSignal
Entries 991
Mean 593.9
RMS 143.8
wave n. 2026
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.5
RMS 151.8
wave n. 2027
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.9
RMS 171.6
wave n. 2028
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 437.7
RMS 173.1
wave n. 2029
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 536.9
RMS 155.8
wave n. 2030
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 423.3
RMS 175
wave n. 2031
mV
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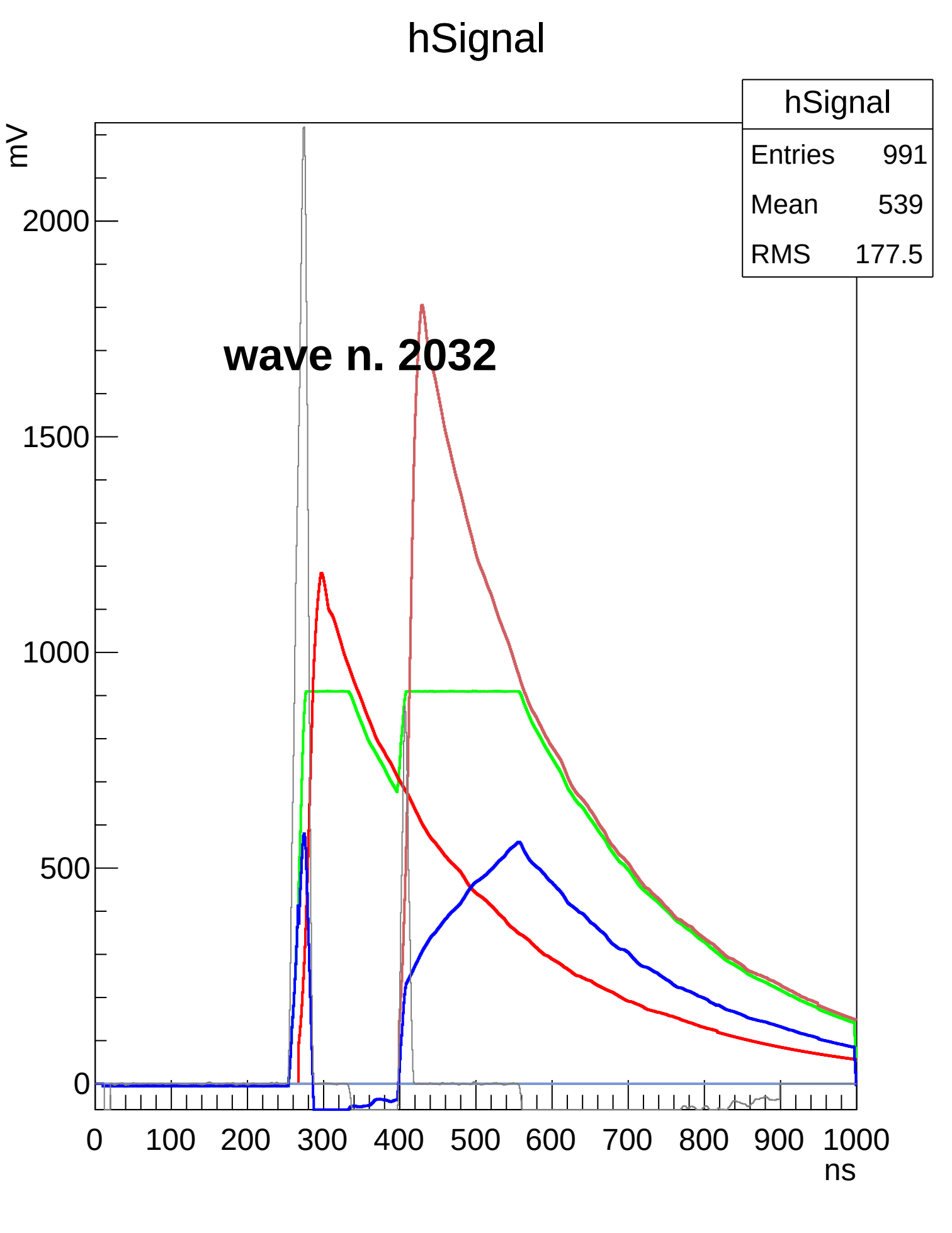
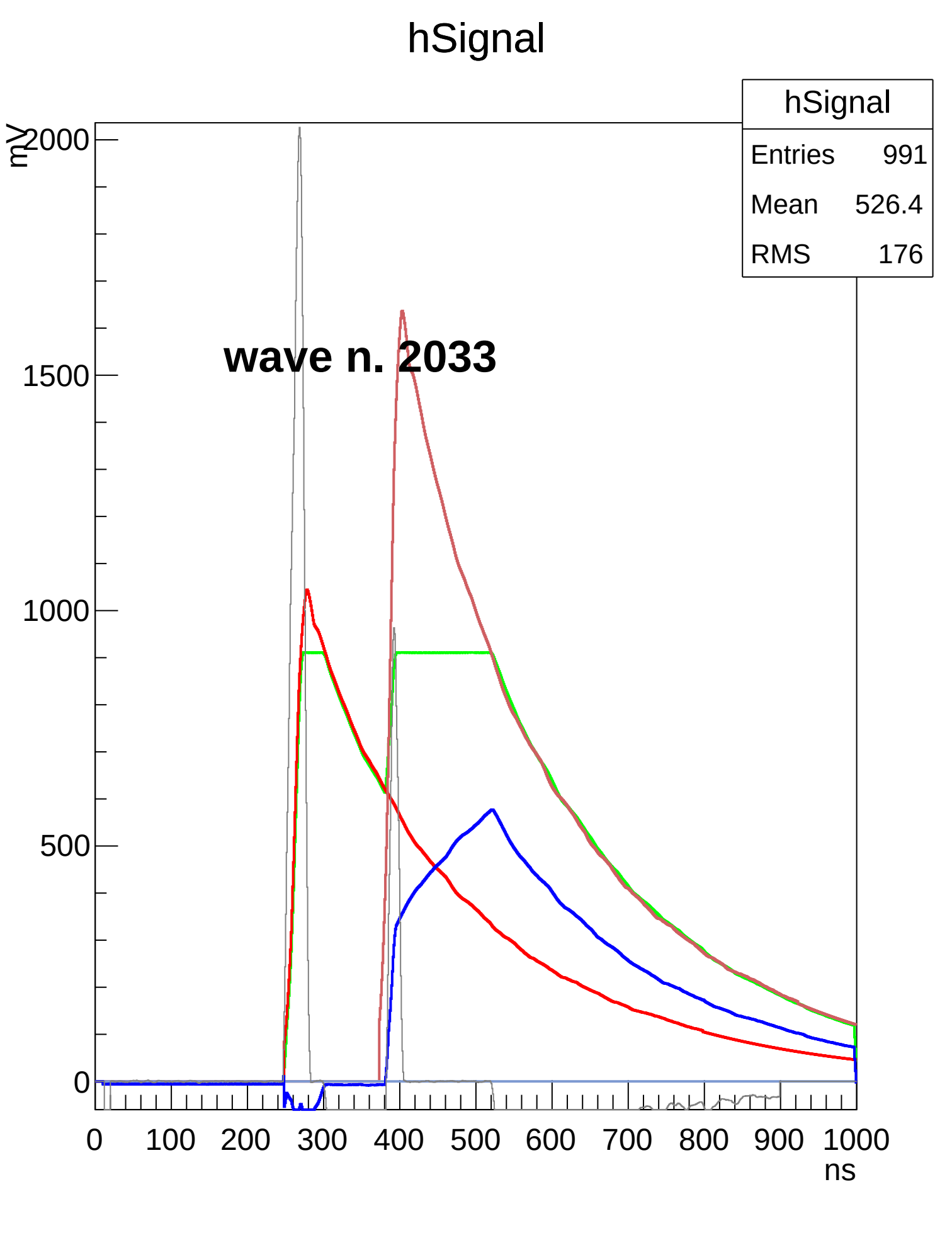
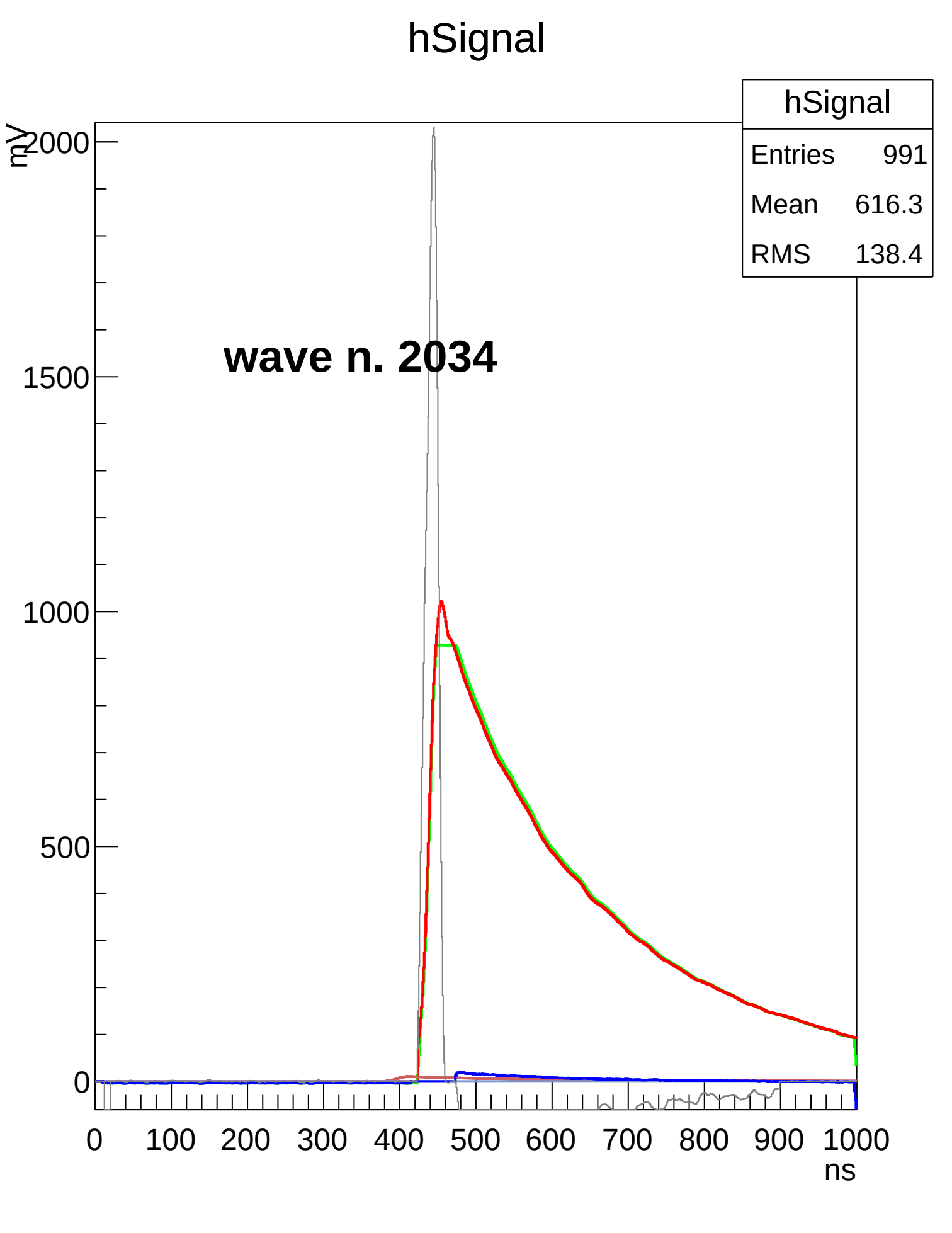
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539
RMS 177.5
wave n. 2032
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 526.4
RMS 176
wave n. 2033
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 616.3
RMS 138.4
wave n. 2034
mV
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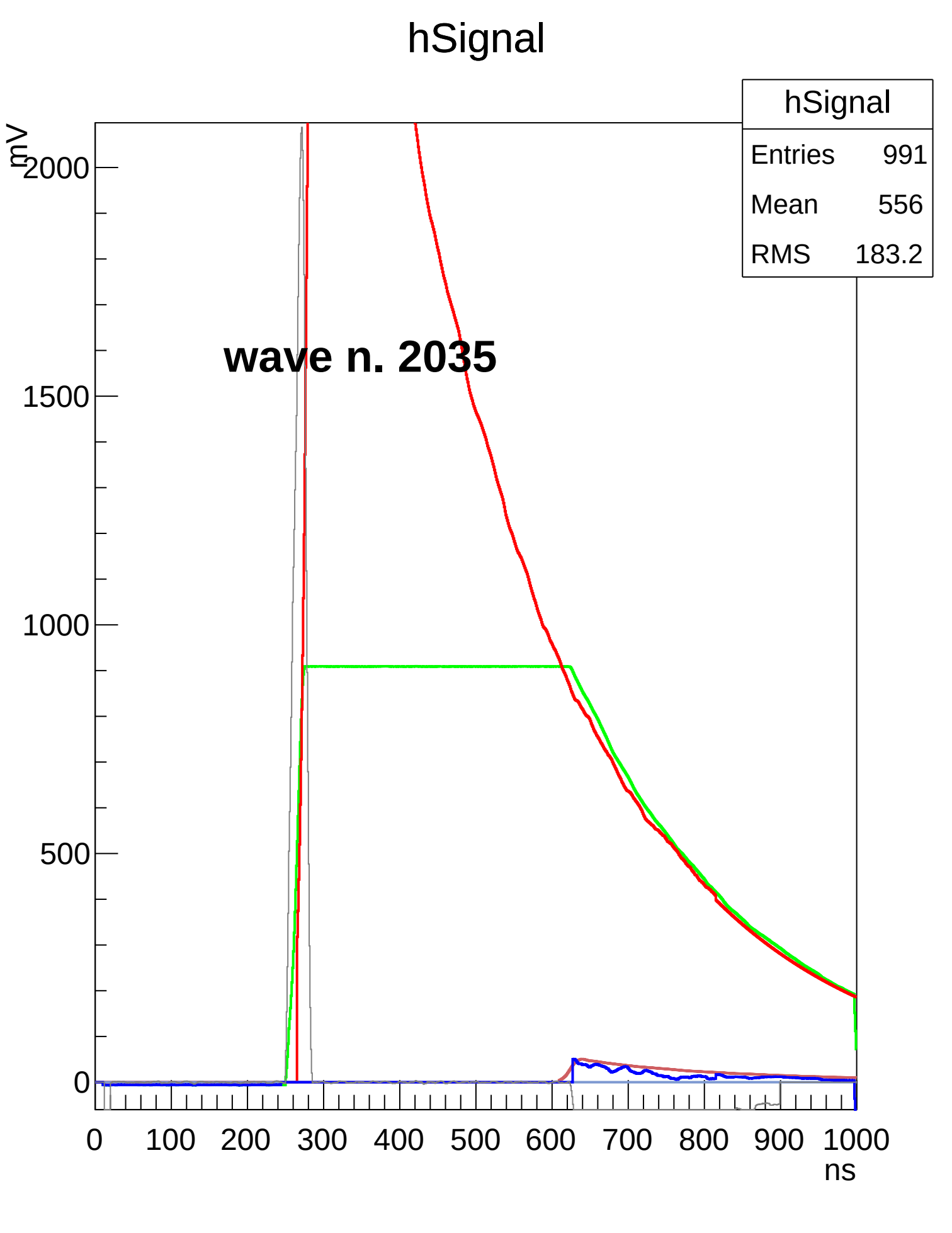
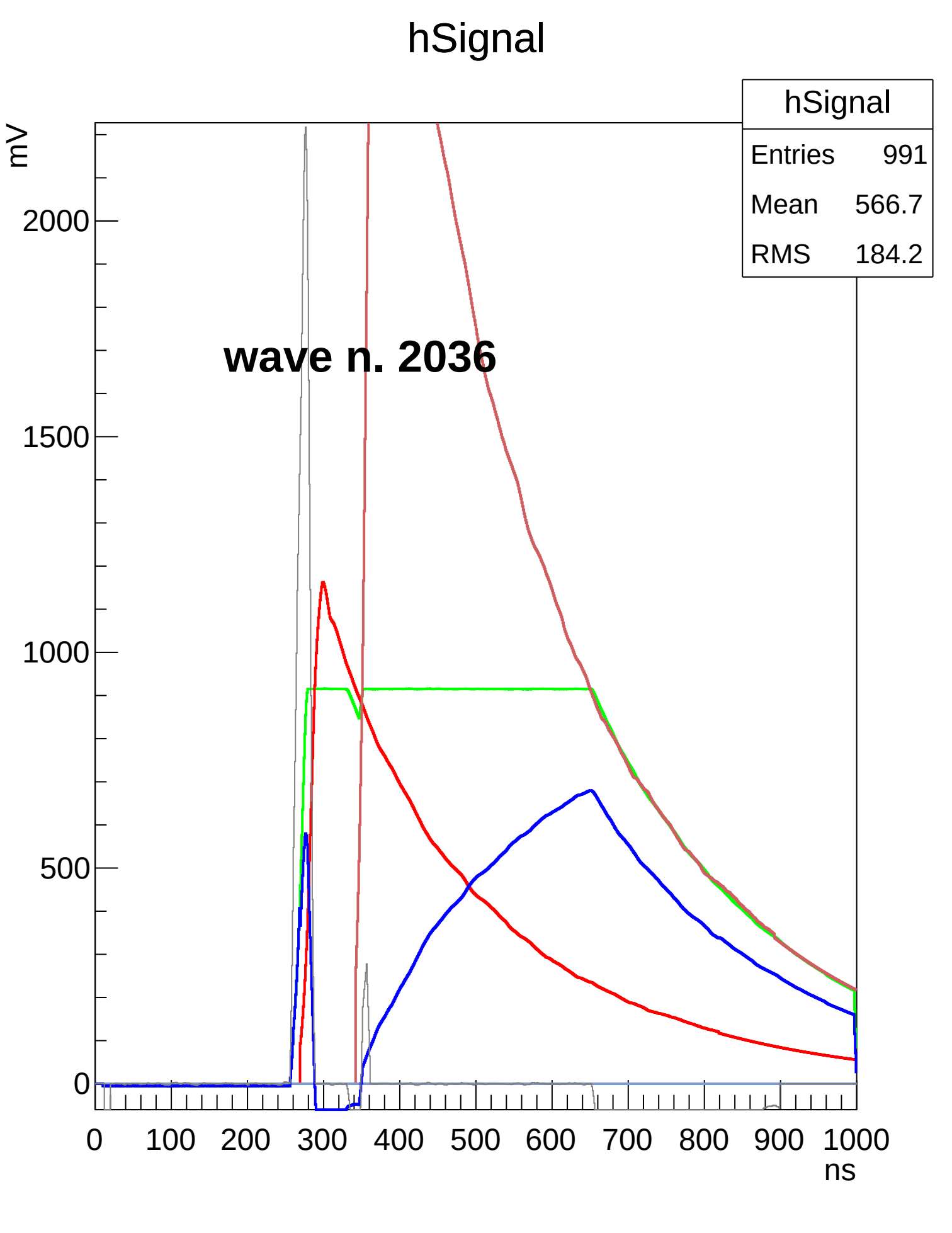
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556
RMS 183.2
wave n. 2035
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 566.7
RMS 184.2
wave n. 2036
mV
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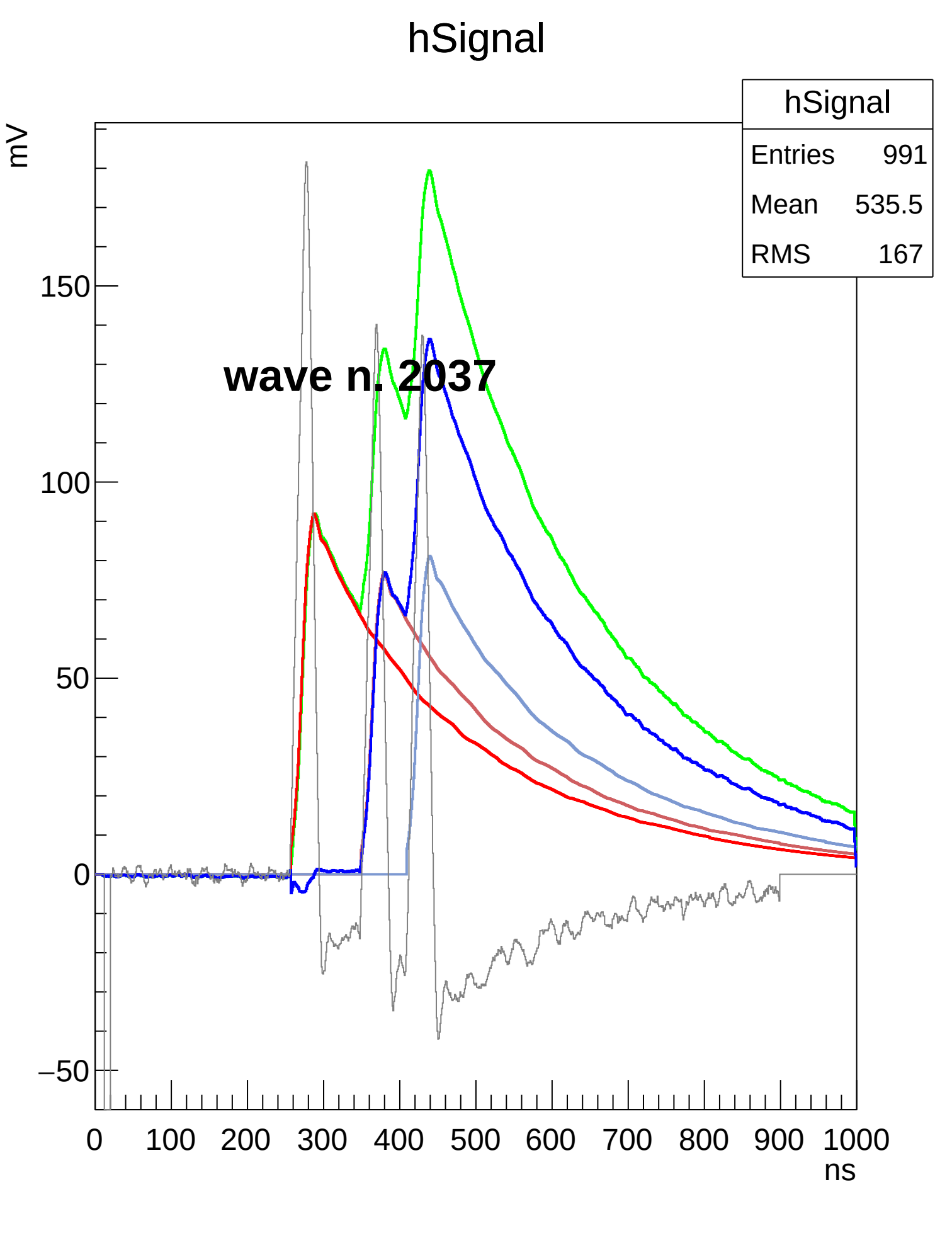
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 535.5
RMS 167
wave n. 2037
mV
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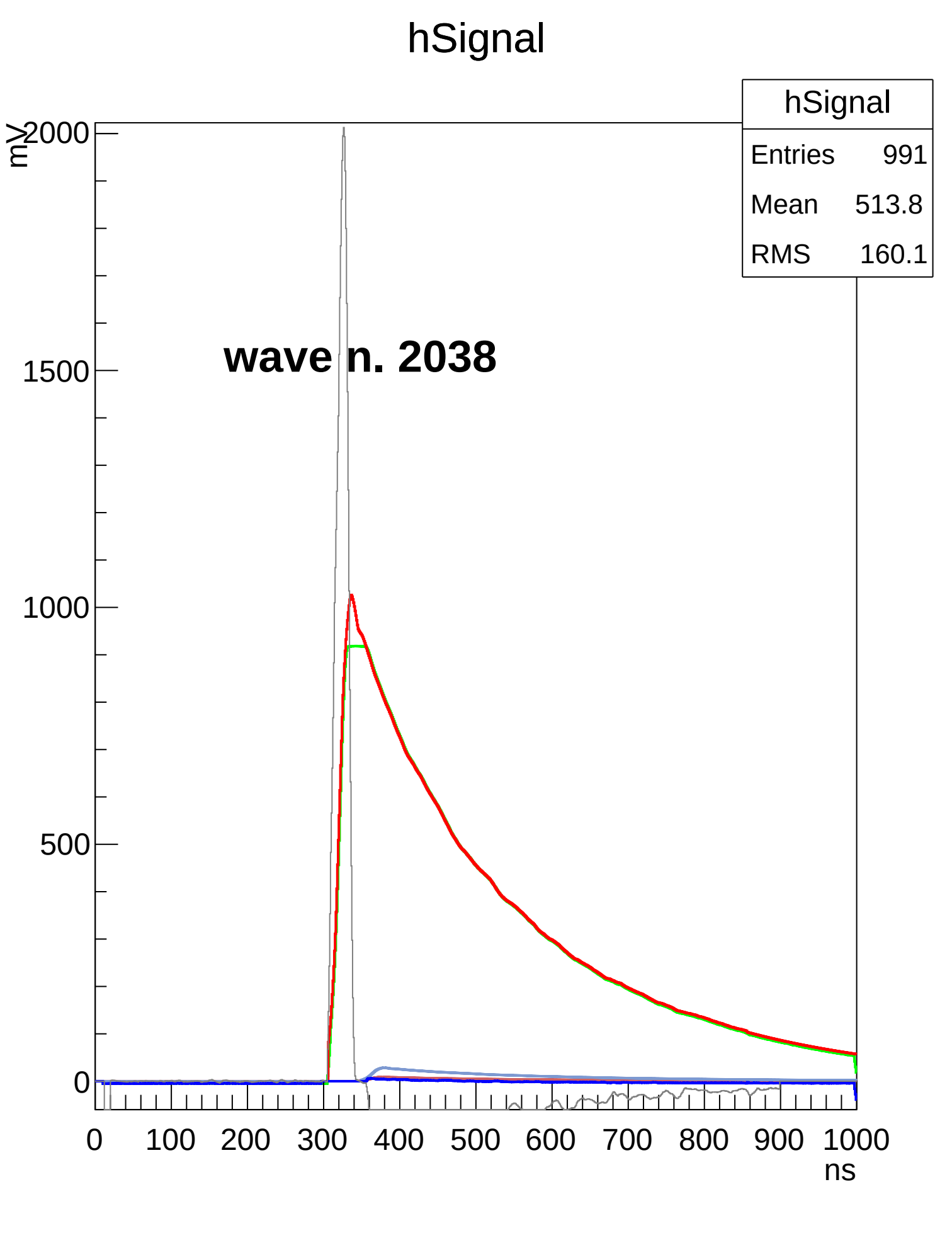
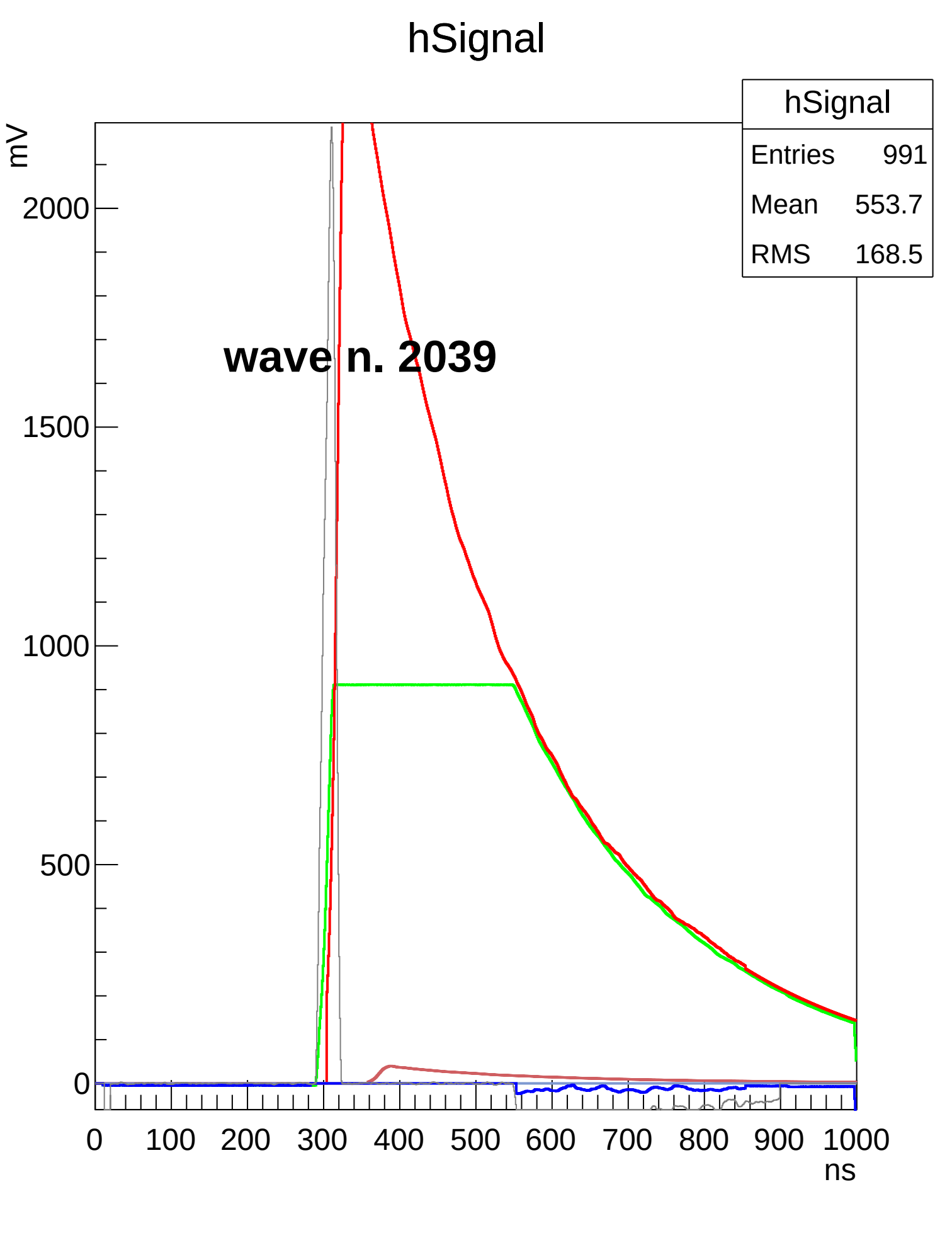
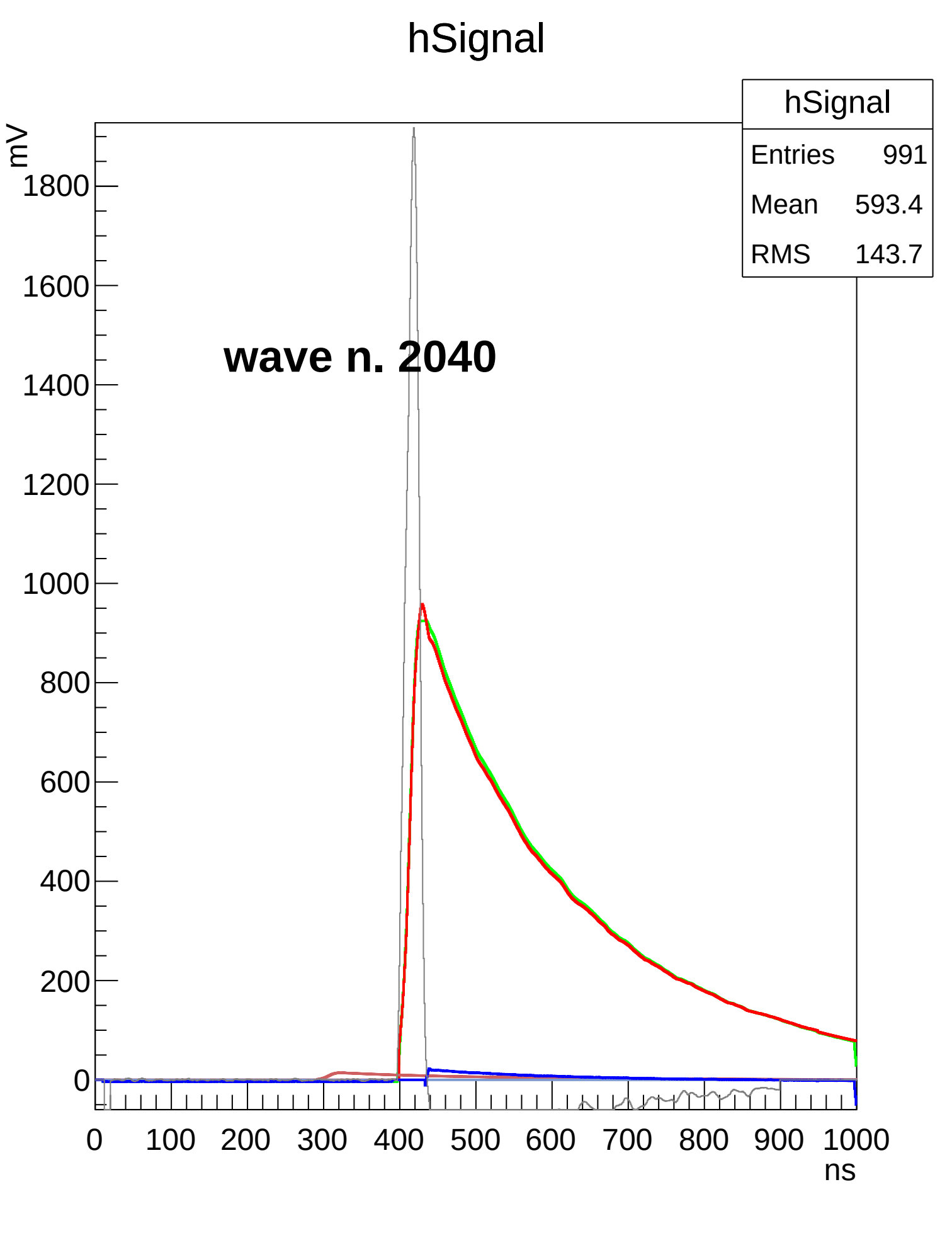
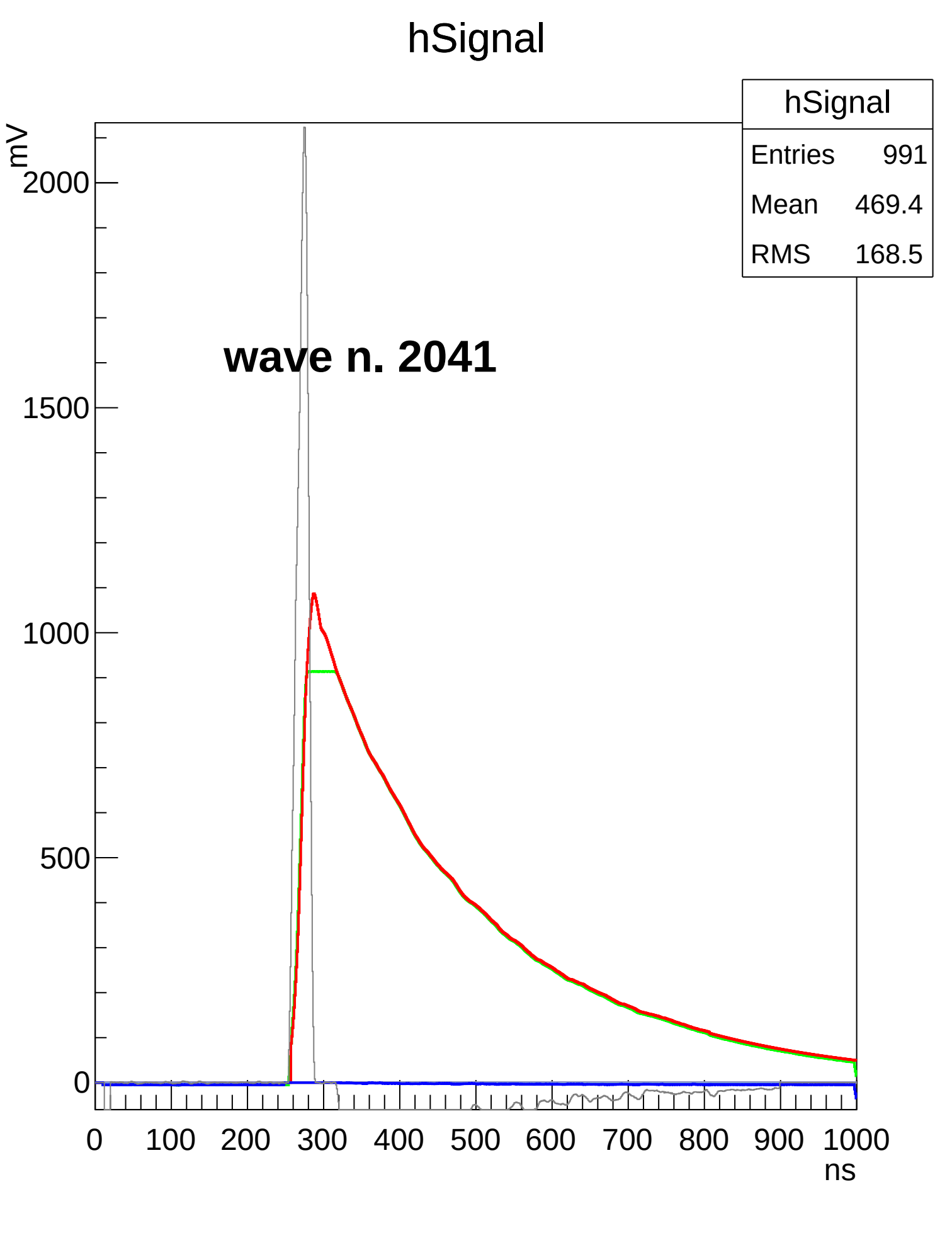
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513.8
RMS 160.1
wave n. 2038
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.7
RMS 168.5
wave n. 2039
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 593.4
RMS 143.7
wave n. 2040
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 469.4
RMS 168.5
wave n. 2041
mV
2000
1500
1000
500
0
0
100
200
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400
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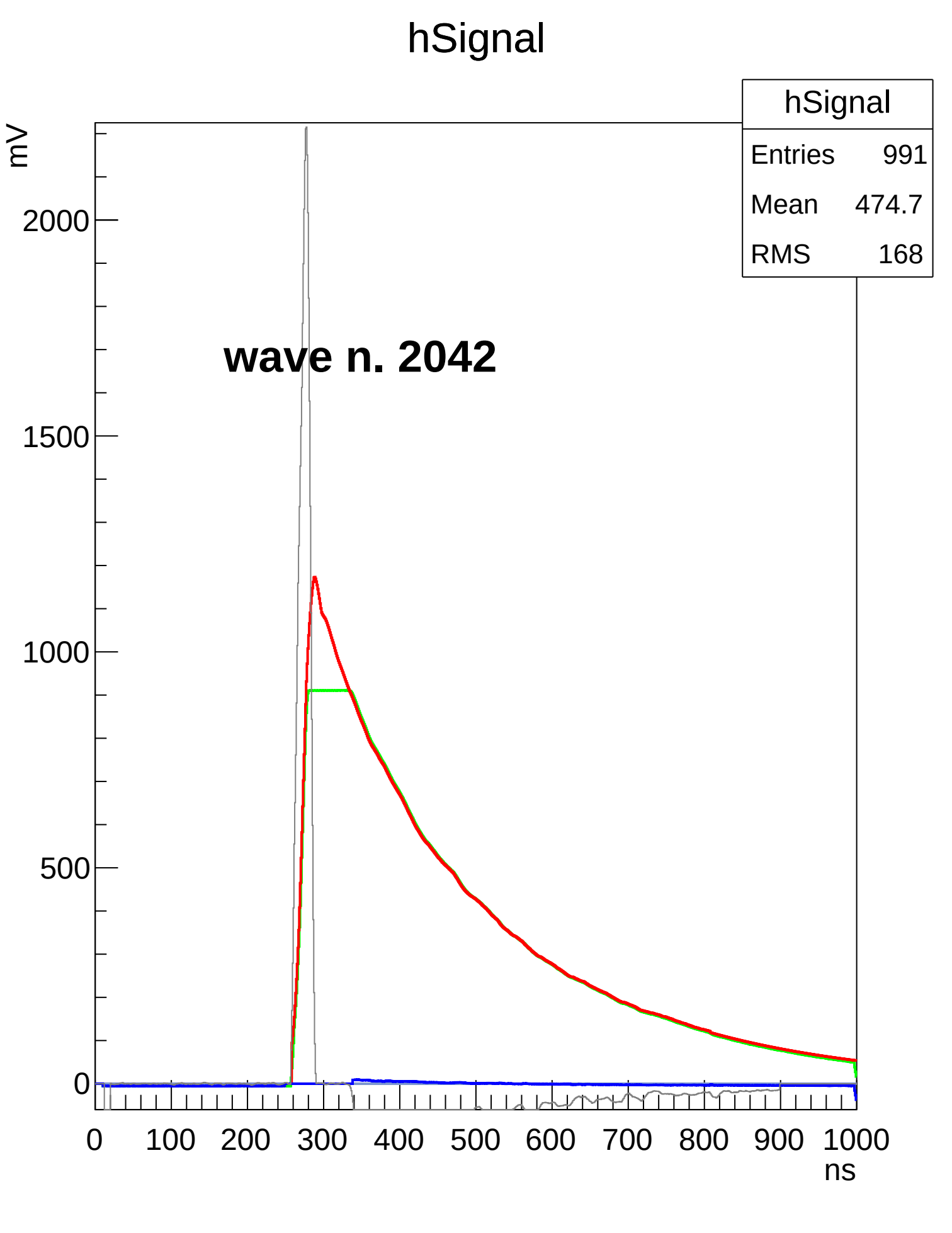
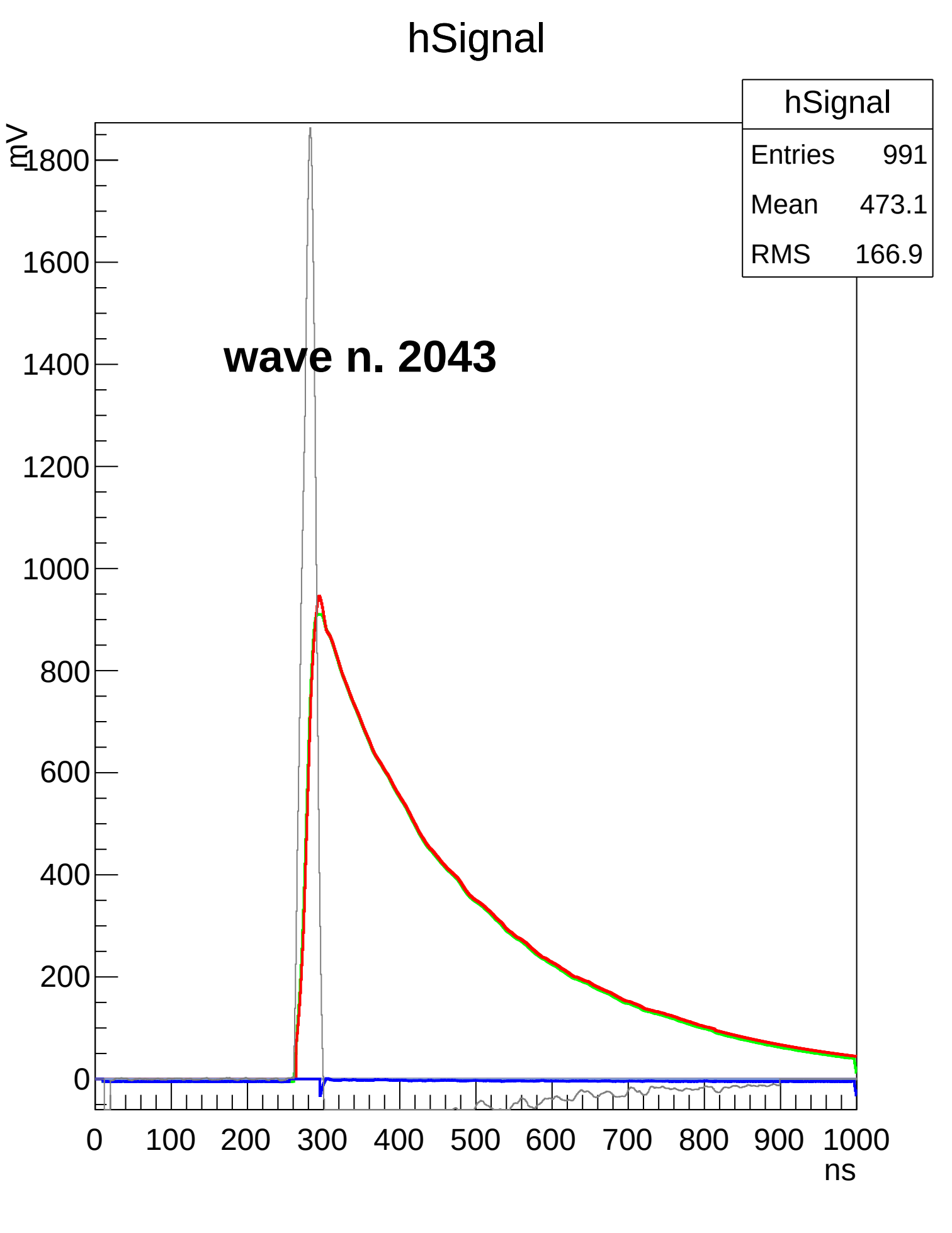
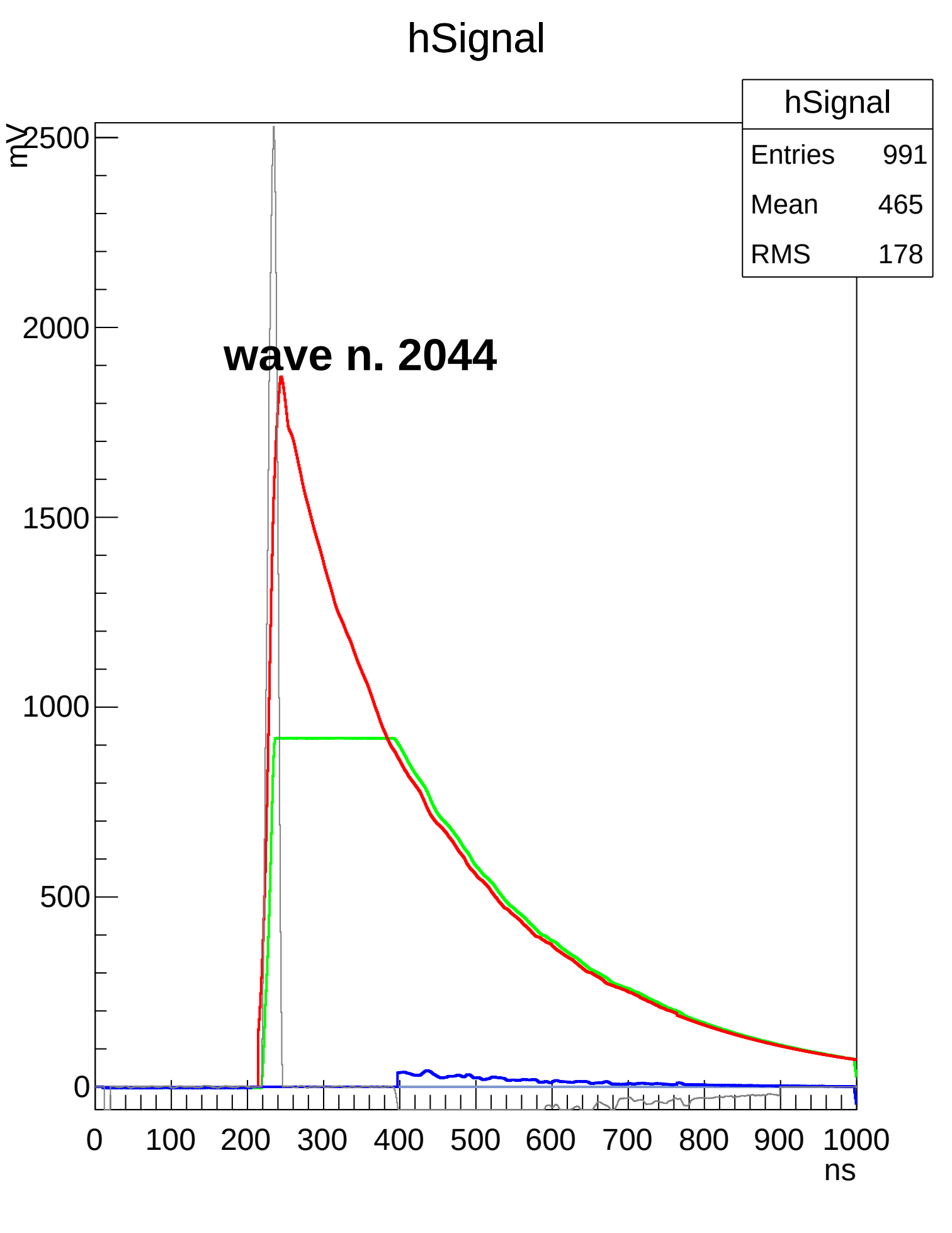
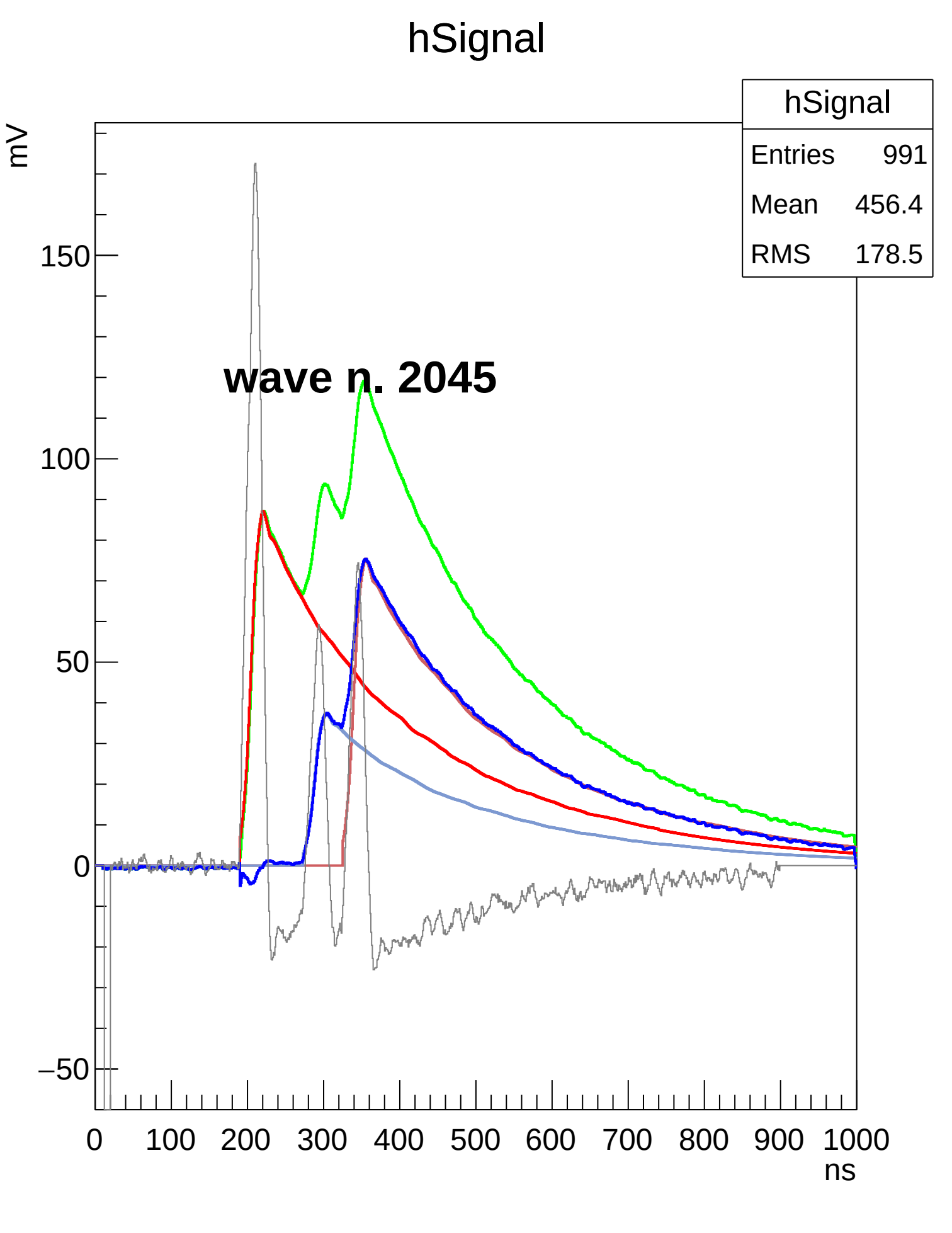
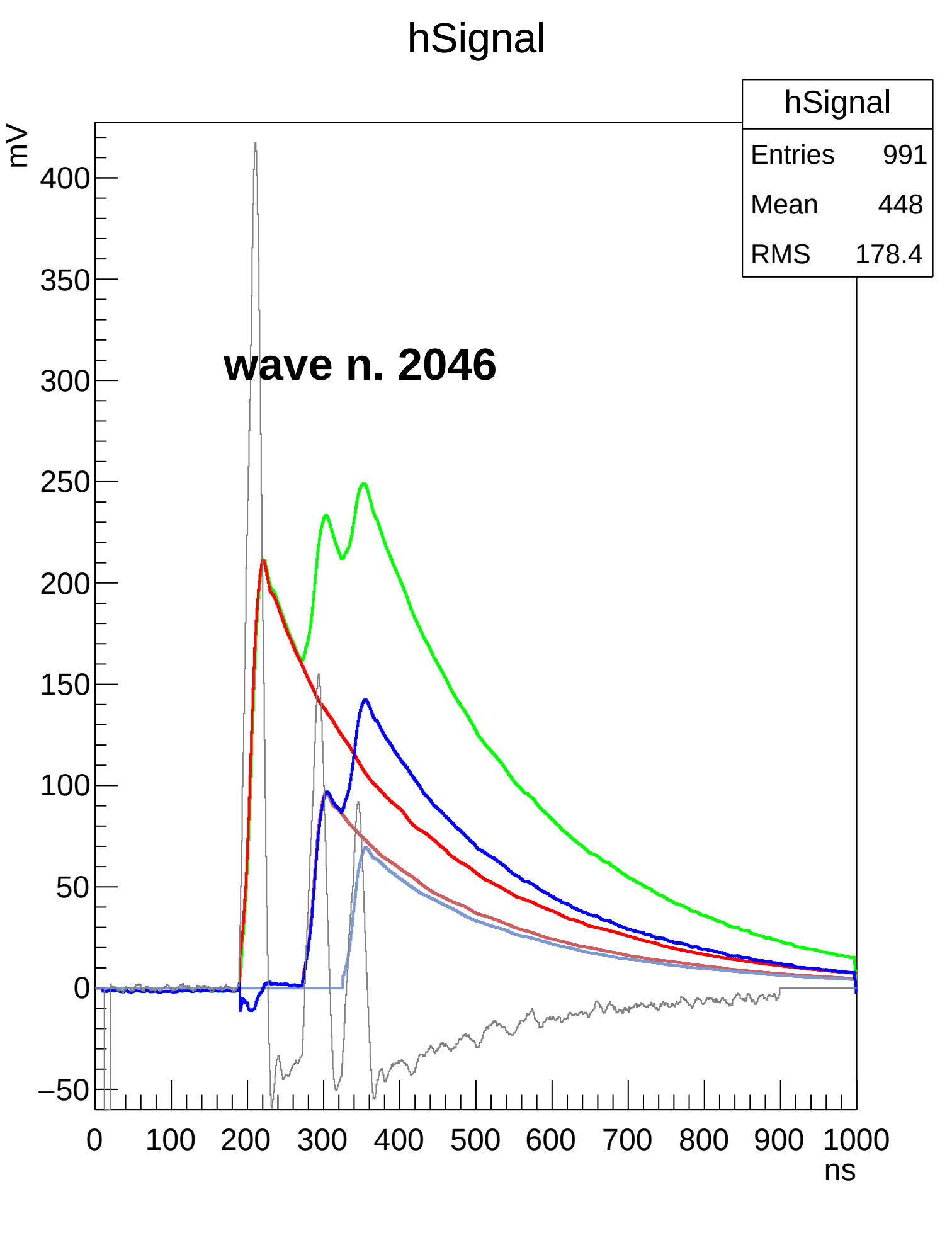
700
800
900
1000
ns

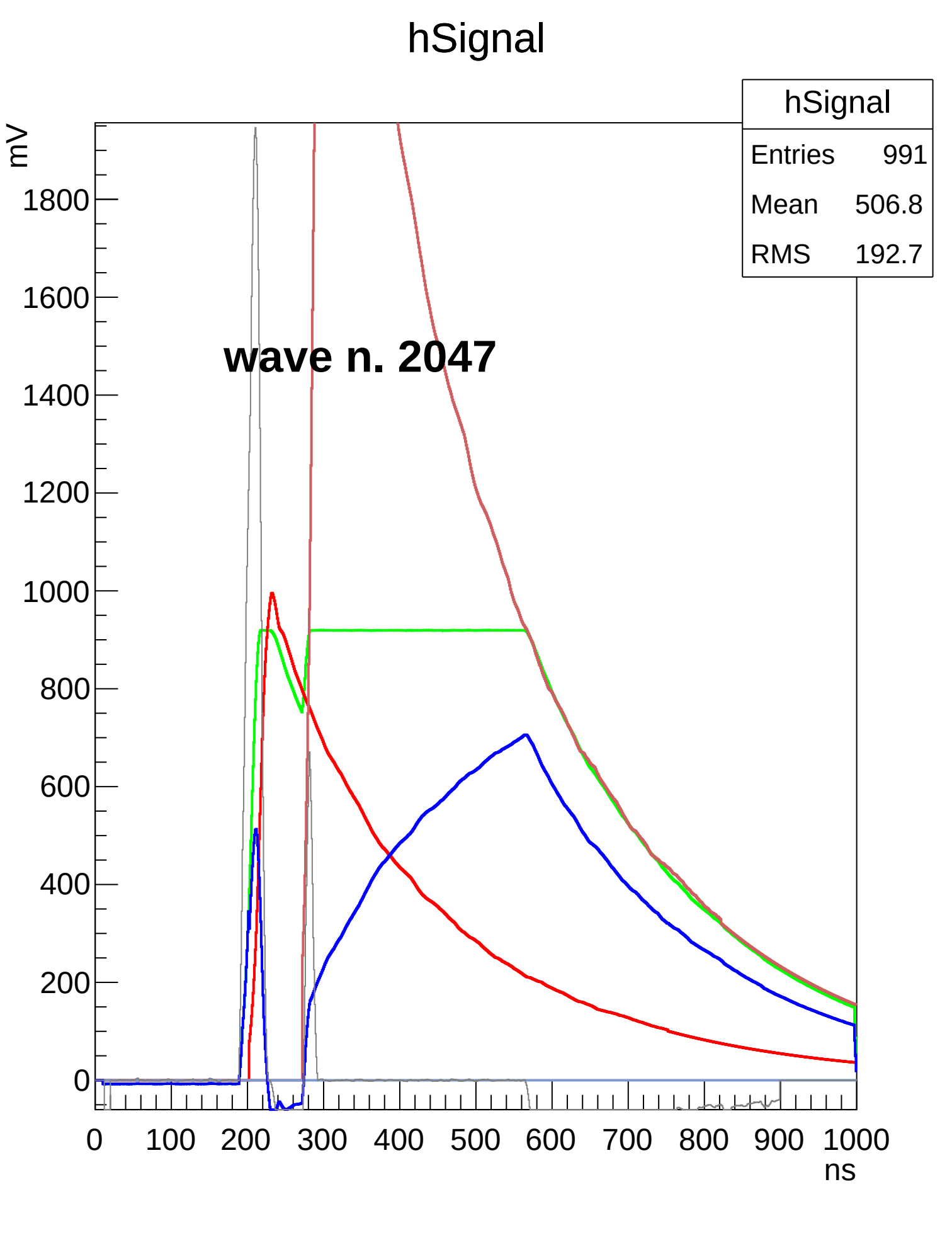

hSignal
hSignal
Entries 991
Mean 474.7
RMS 168
wave n. 2042
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 473.1
RMS 166.9
wave n. 2043
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 465
RMS 178
wave n. 2044
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 456.4
RMS 178.5
wave n. 2045
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 448
RMS 178.4
wave n. 2046
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506.8
RMS 192.7
wave n. 2047
mV
1800
1600
1400
1200
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800
600
400
200
0
0
100
200
300
400
500
600
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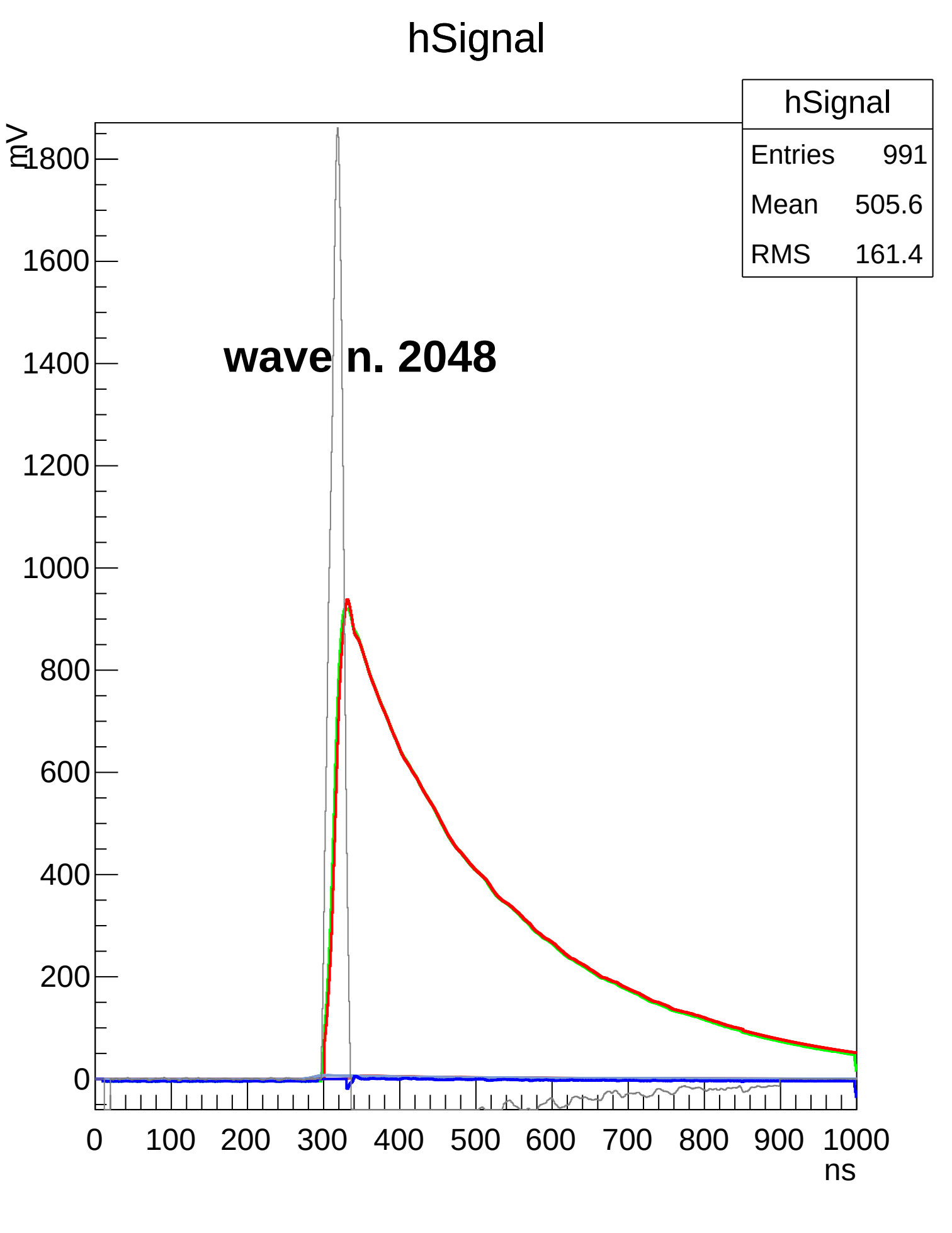
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.6
RMS 161.4
wave n. 2048
mV
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1600
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600
400
200
0
0
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400
500
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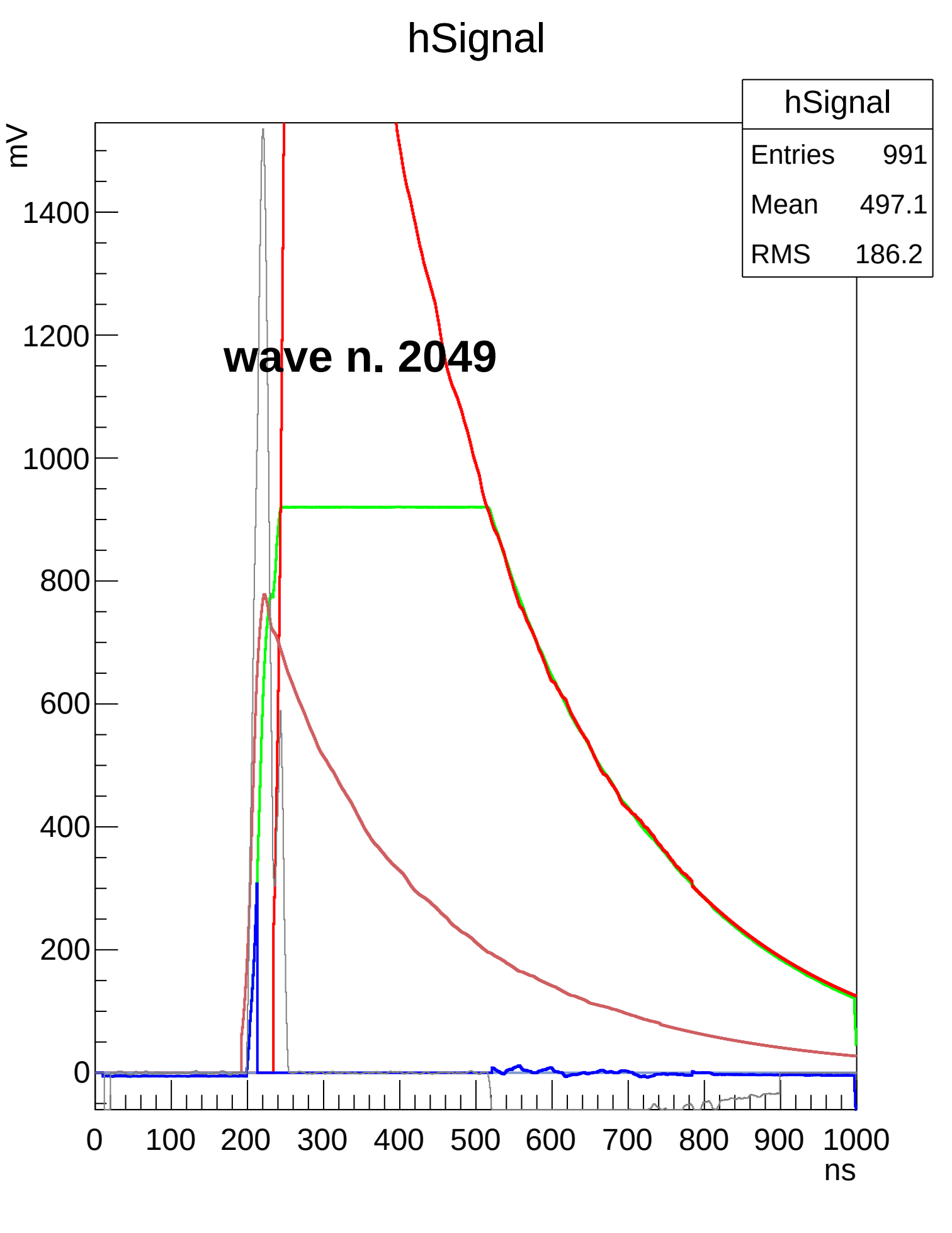
1000
ns


hSignal
hSignal
Entries 991
Mean 497.1
RMS 186.2
wave n. 2049
mV
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1200
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600
400
200
0
0
100
200
300
400
500
600
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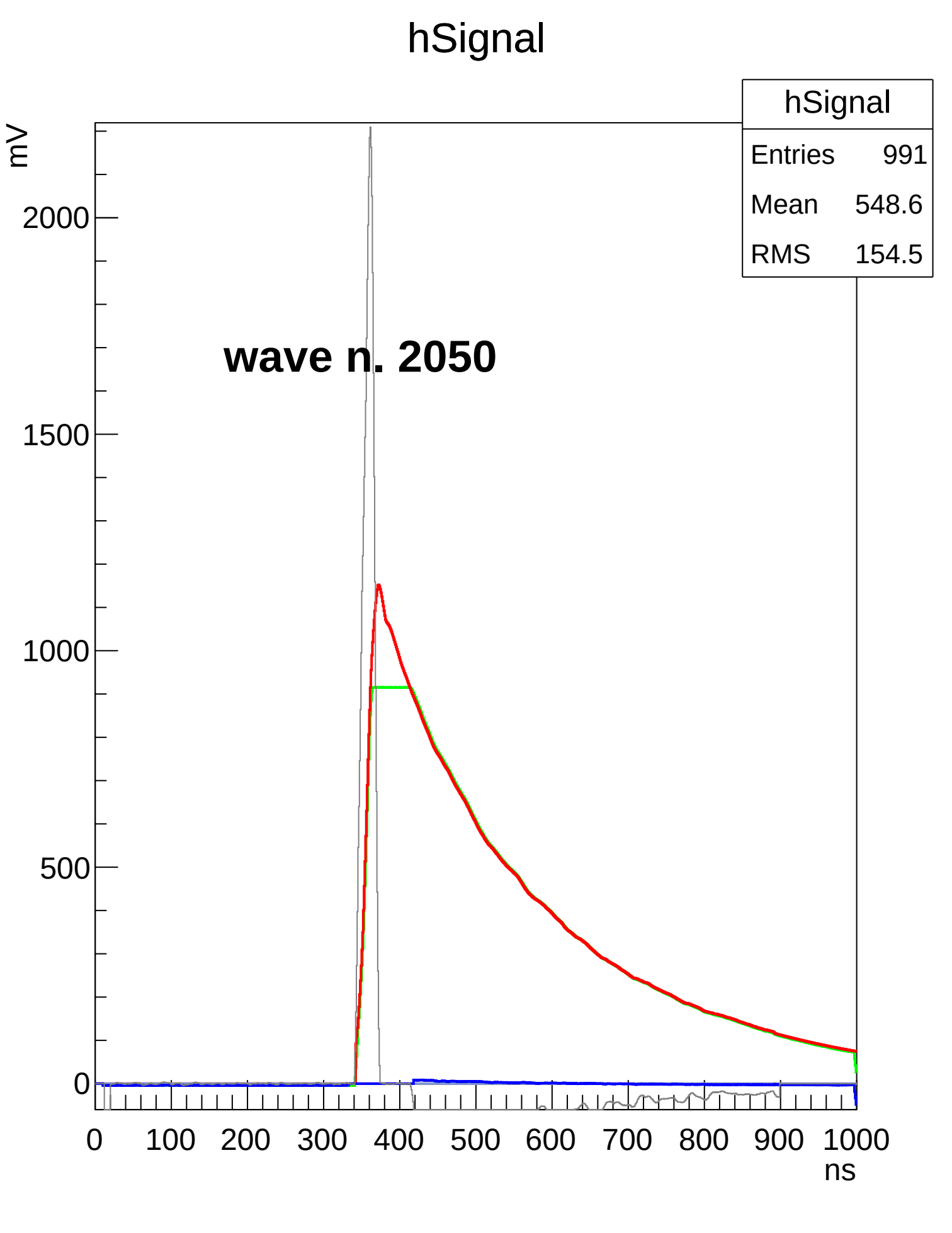
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 548.6
RMS 154.5
wave n. 2050
mV
2000
1500
1000
500
0
0
100
200
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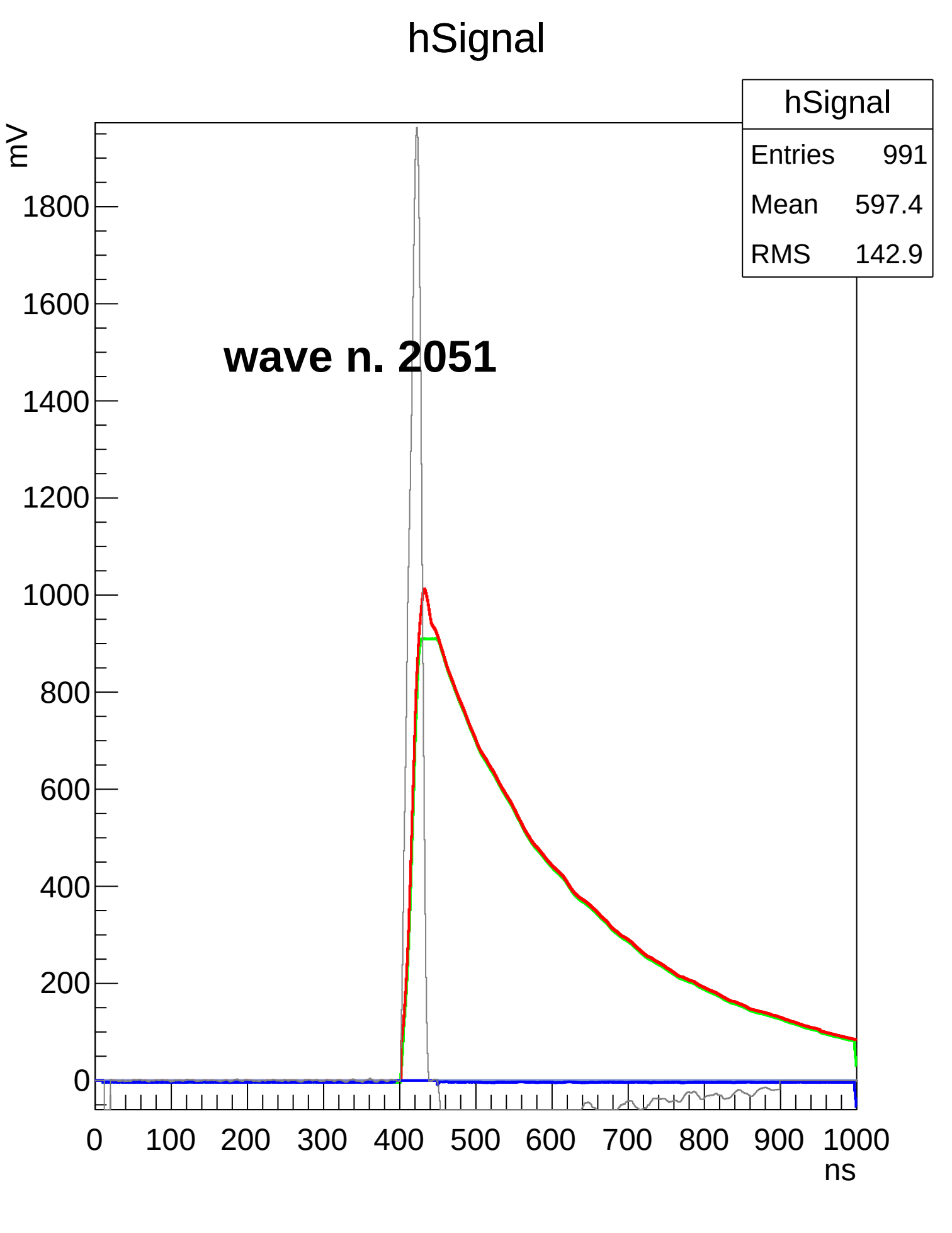
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597.4
RMS 142.9
wave n. 2051
mV
1800
1600
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1000
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600
400
200
0
0
100
200
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400
500
600
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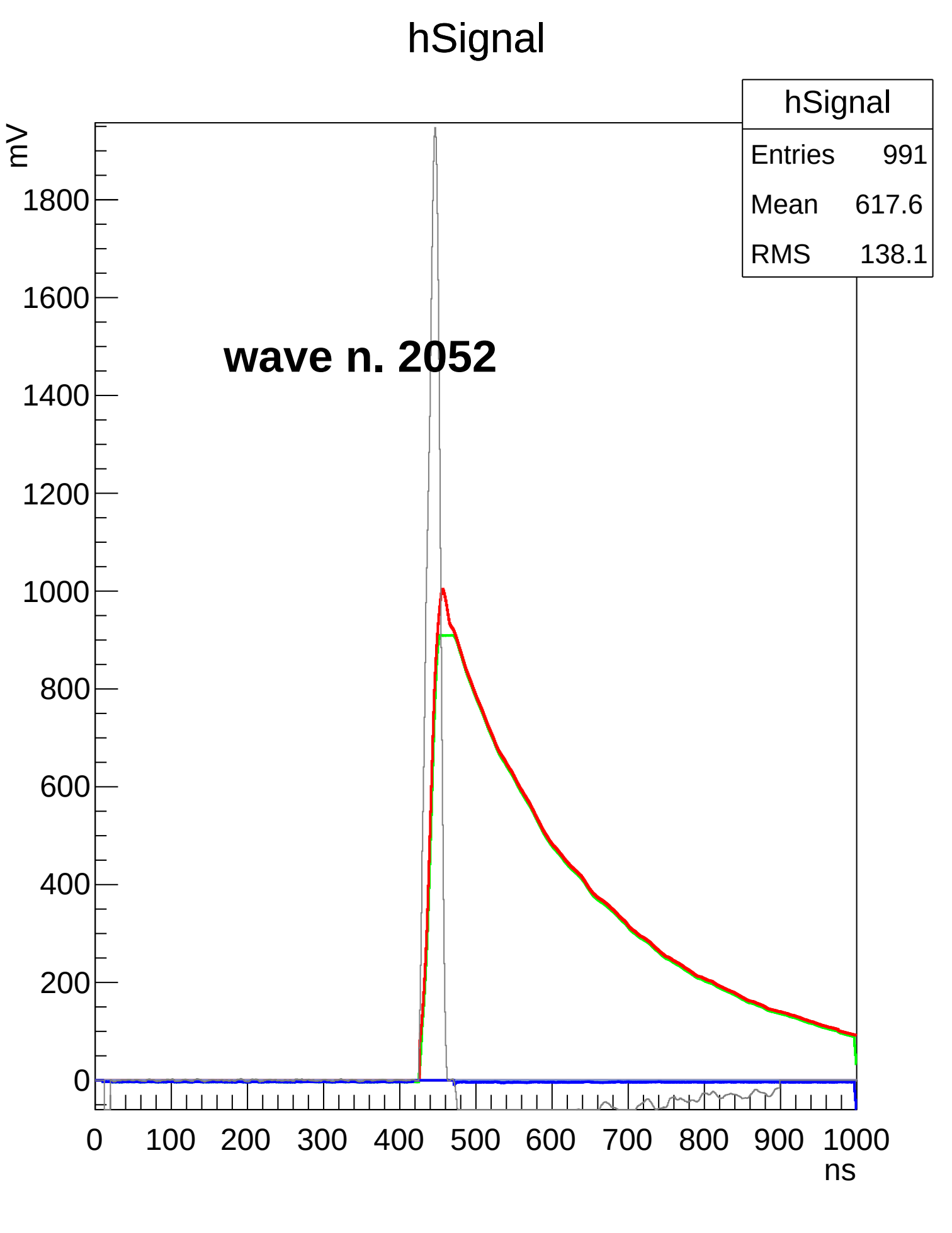
1000
ns


hSignal
hSignal
Entries 991
Mean 617.6
RMS 138.1
wave n. 2052
mV
1800
1600
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1000
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600
400
200
0
0
100
200
300
400
500
600
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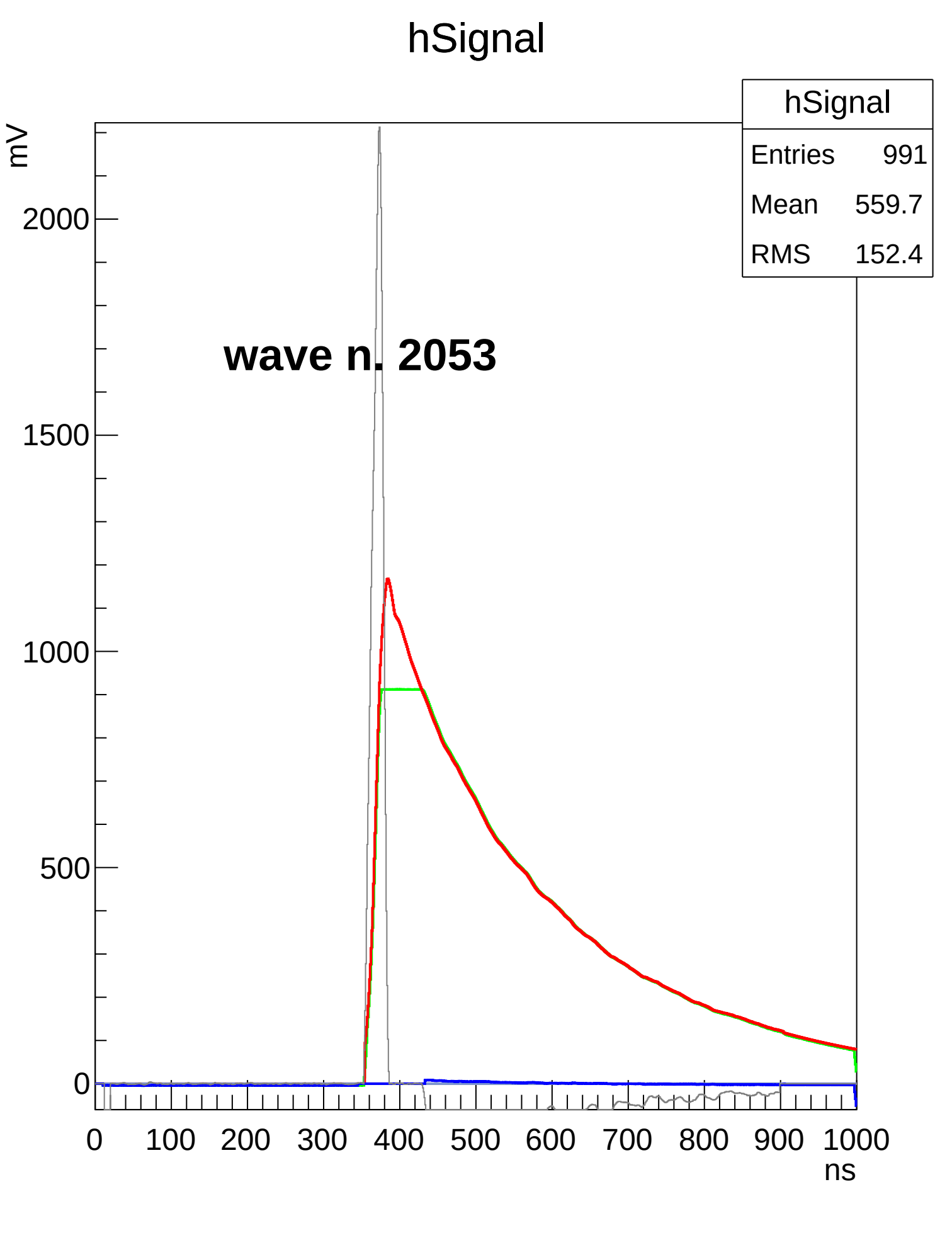
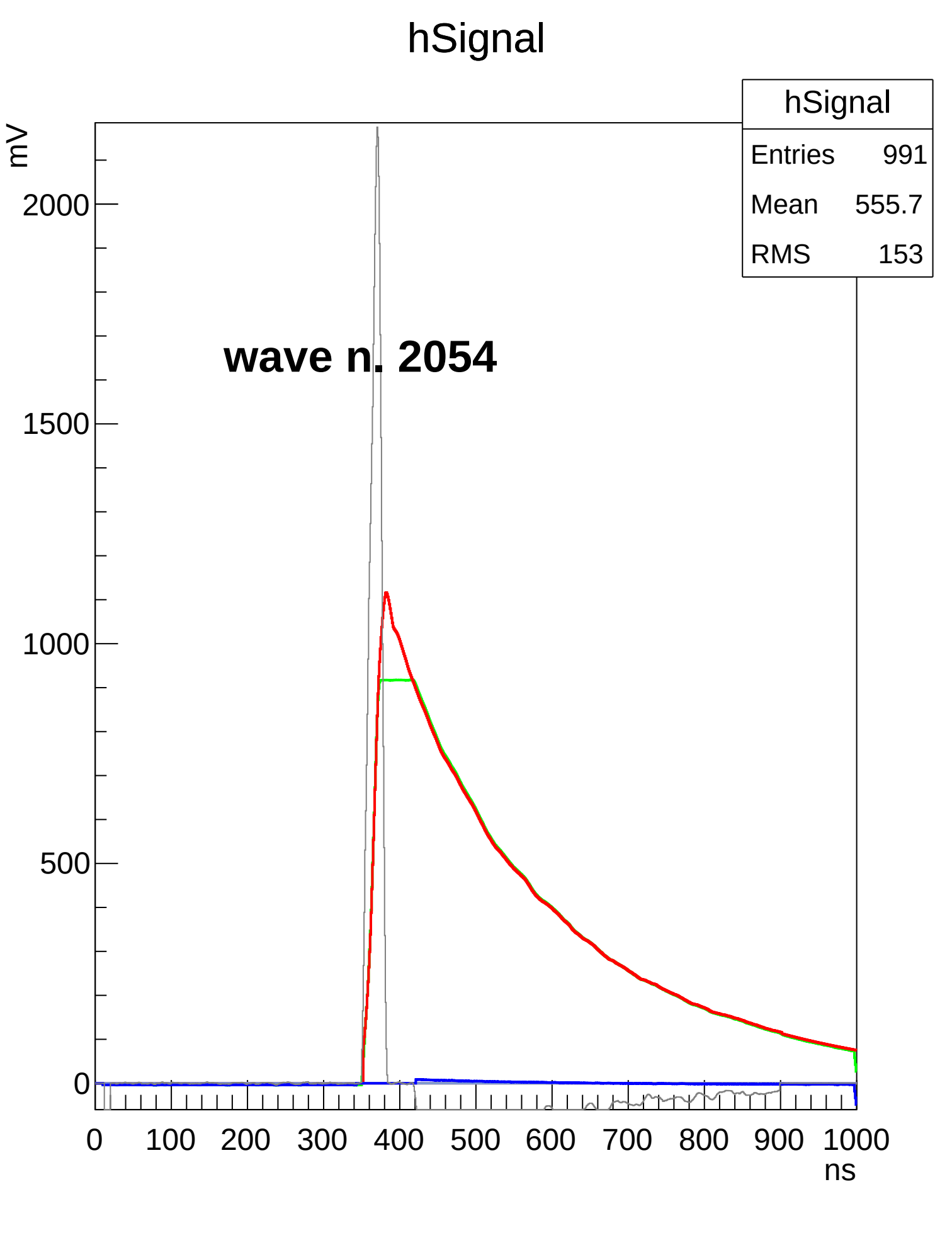
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 559.7
RMS 152.4
wave n. 2053
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 555.7
RMS 153
wave n. 2054
mV
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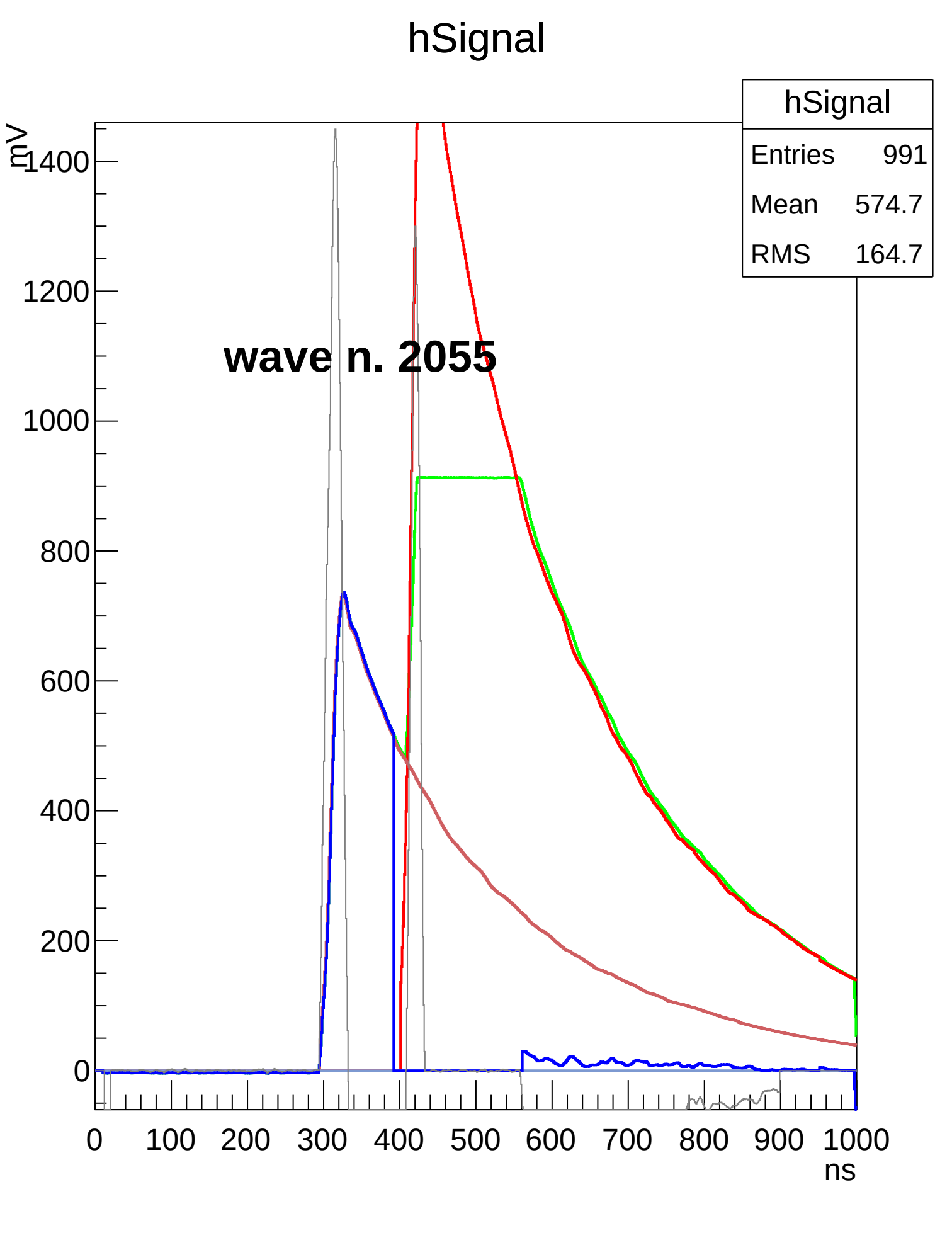
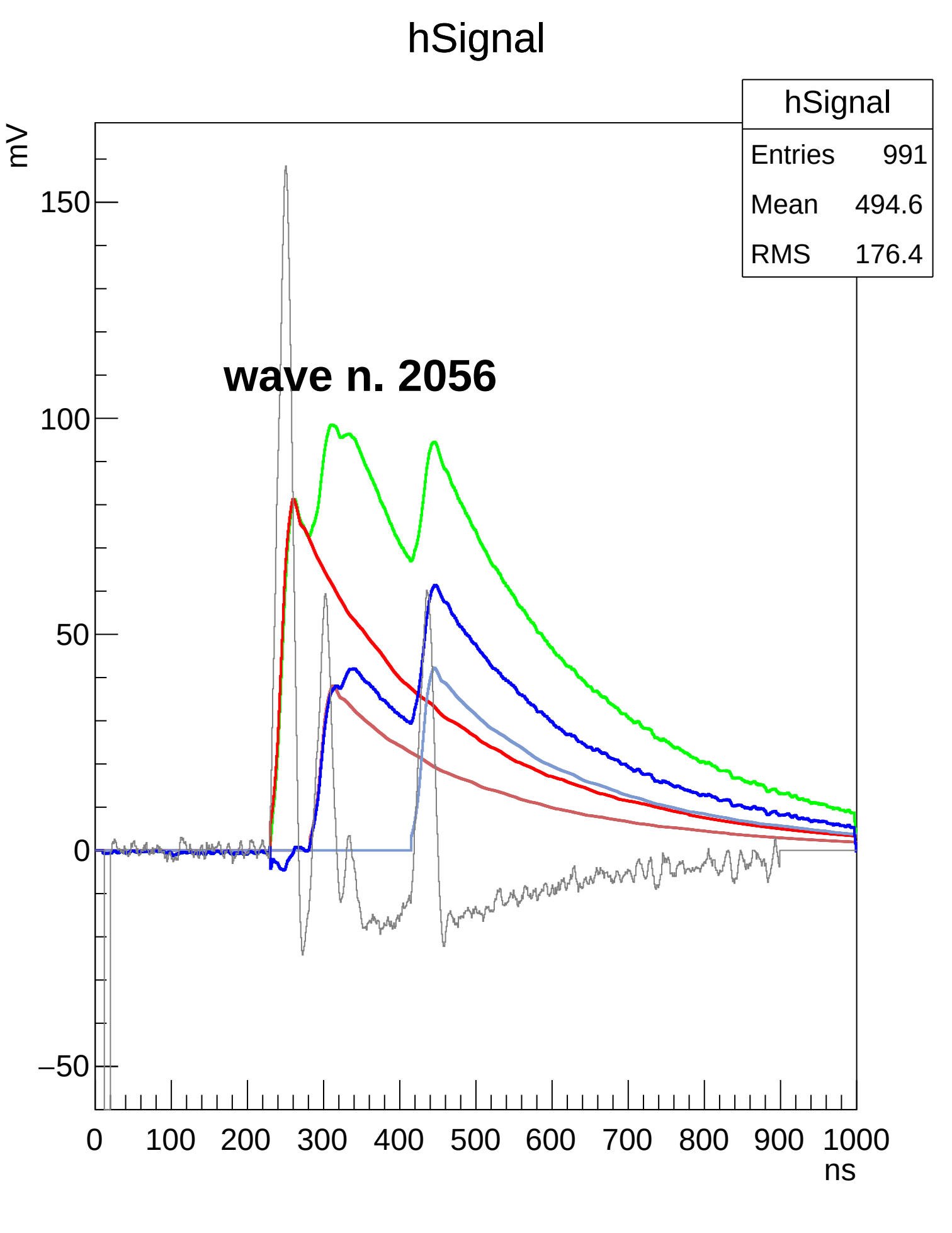
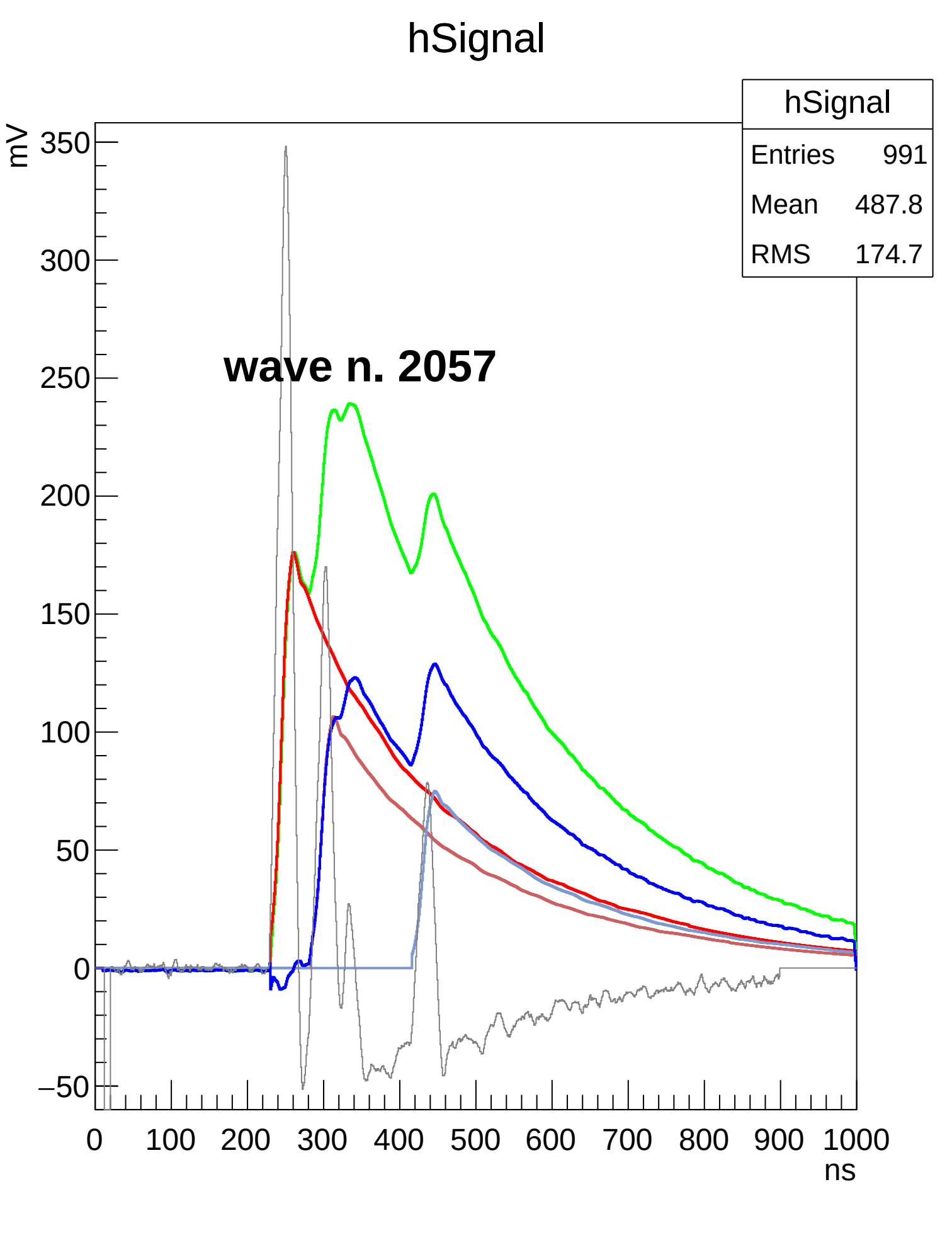
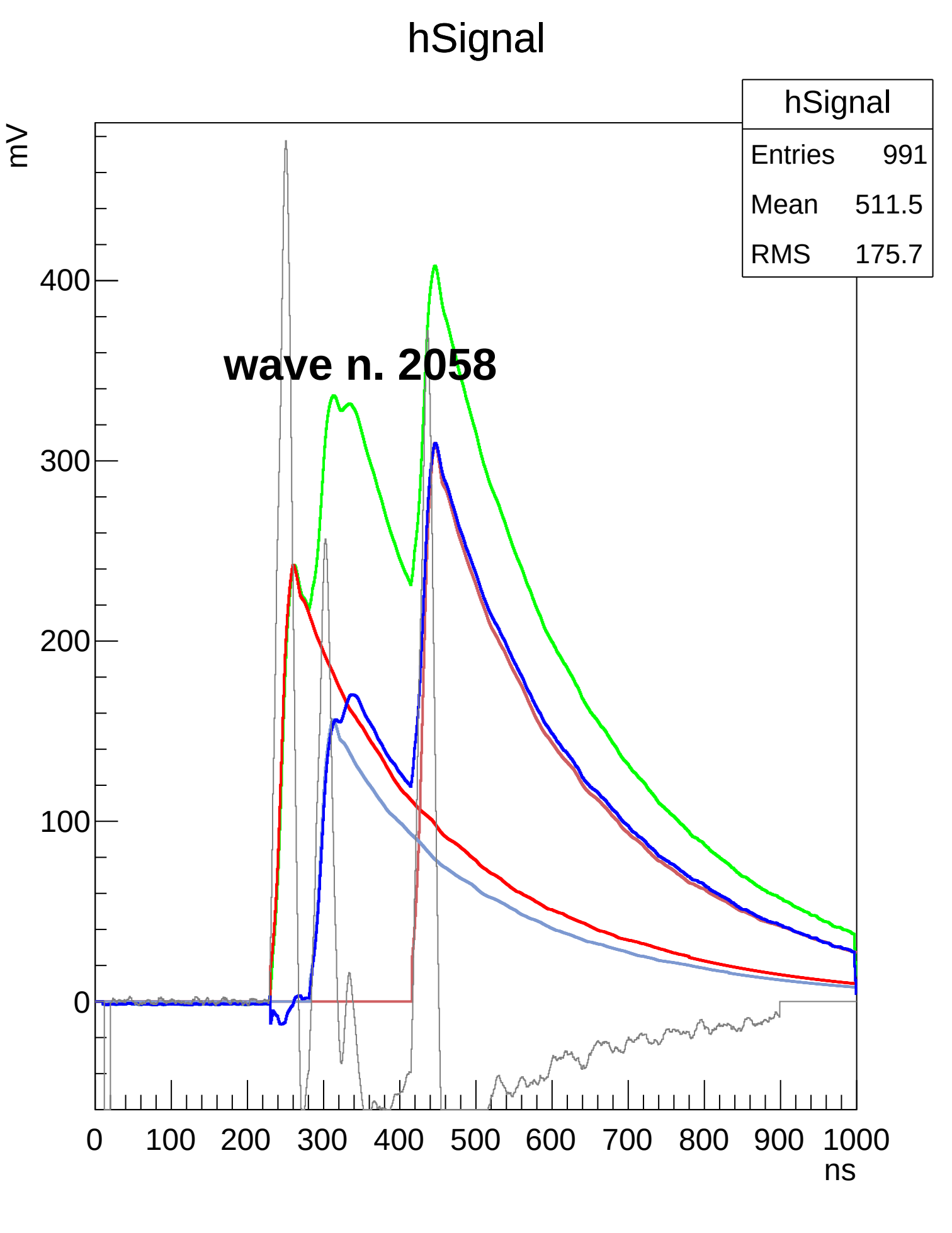
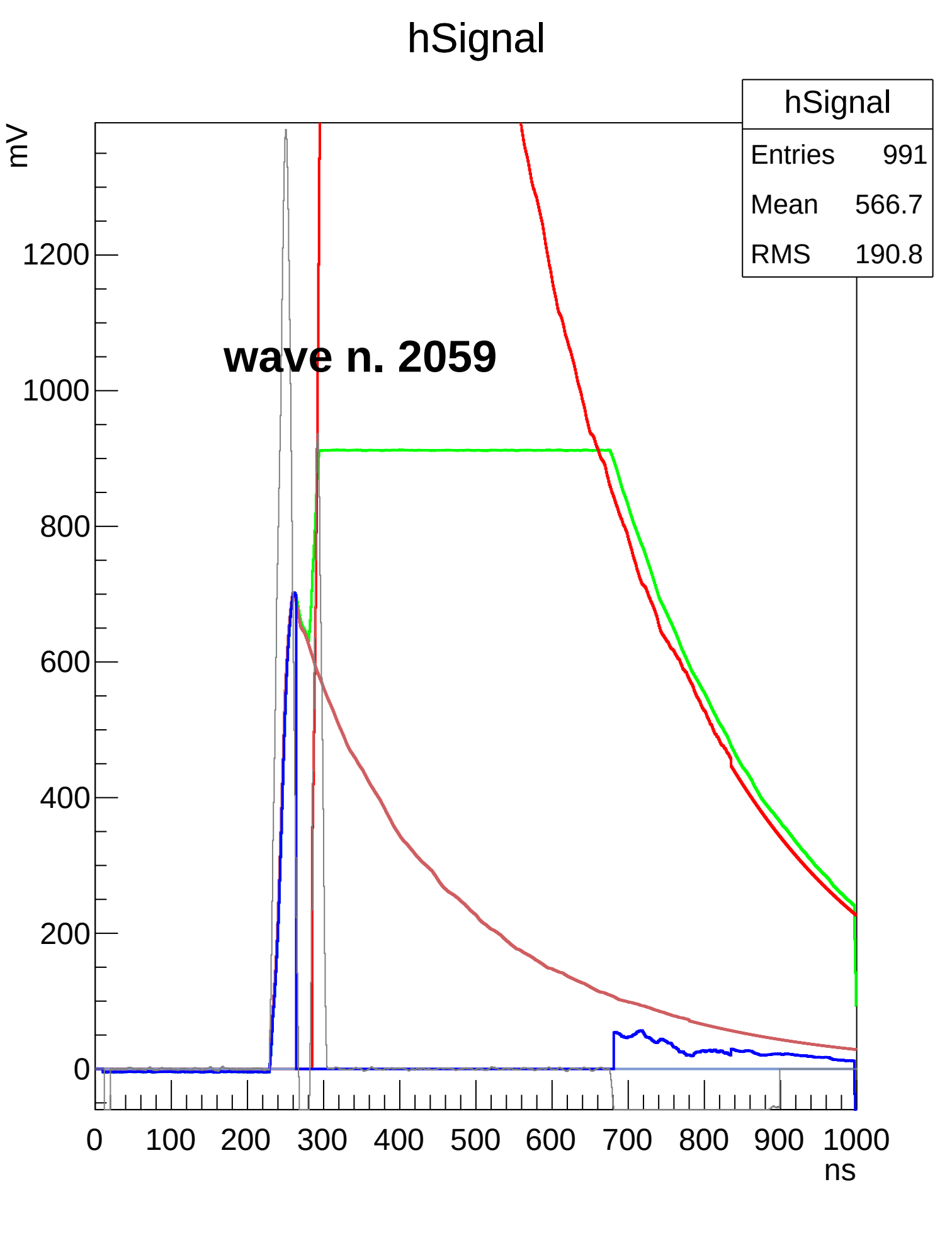
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

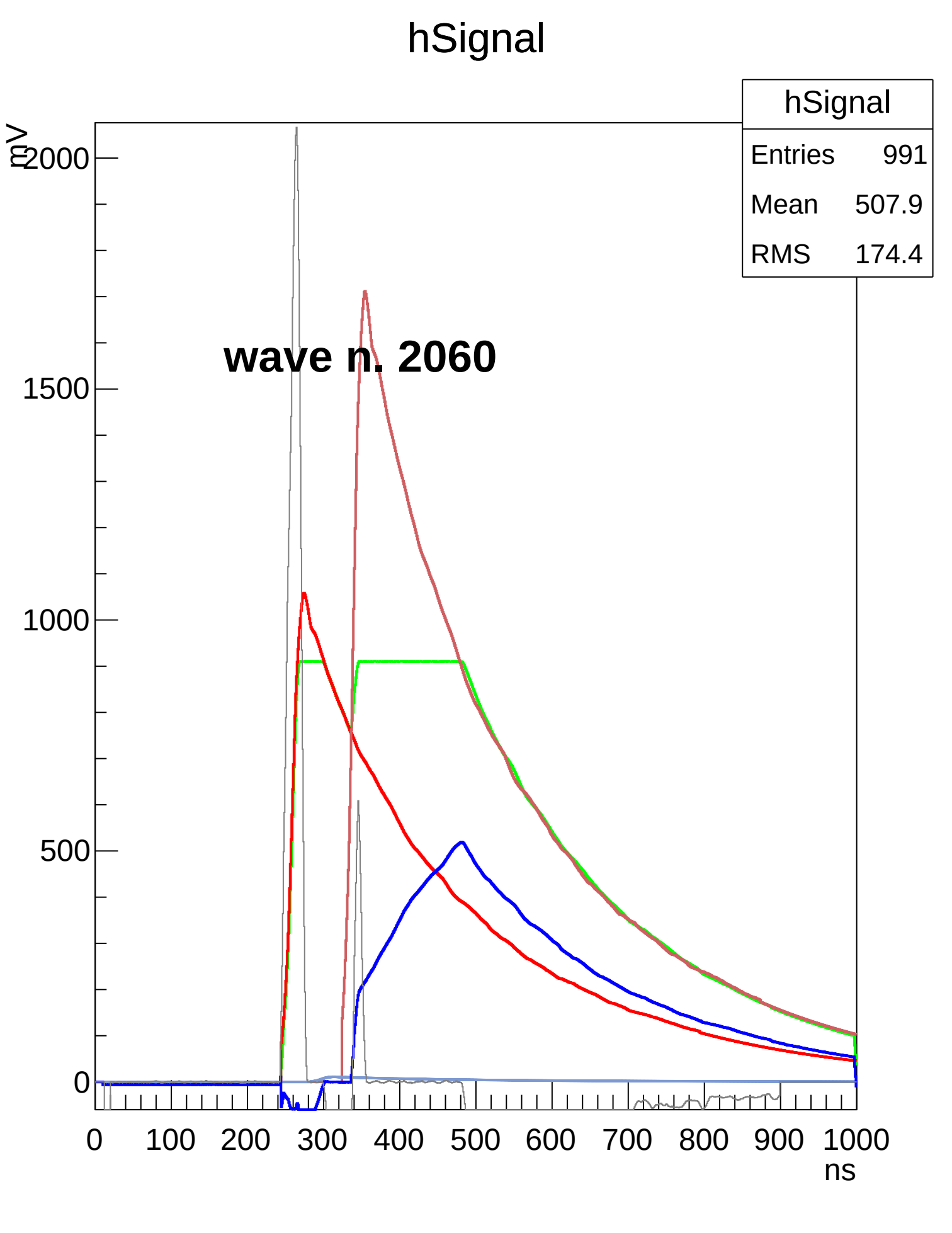

hSignal
hSignal
Entries 991
Mean 574.7
RMS 164.7
wave n. 2055
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 494.6
RMS 176.4
wave n. 2056
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 487.8
RMS 174.7
wave n. 2057
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 511.5
RMS 175.7
wave n. 2058
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 566.7
RMS 190.8
wave n. 2059
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 507.9
RMS 174.4
wave n. 2060
mV
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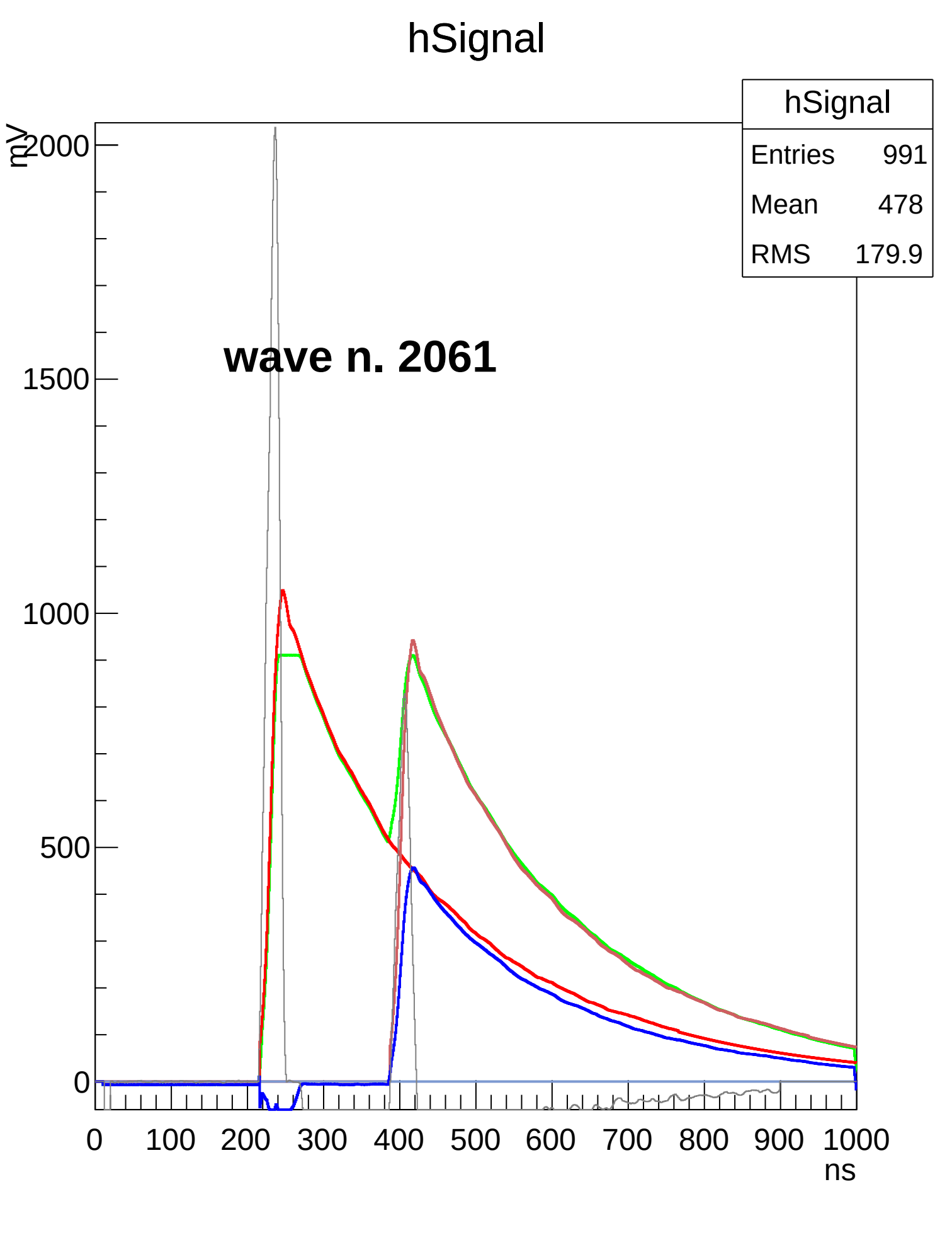
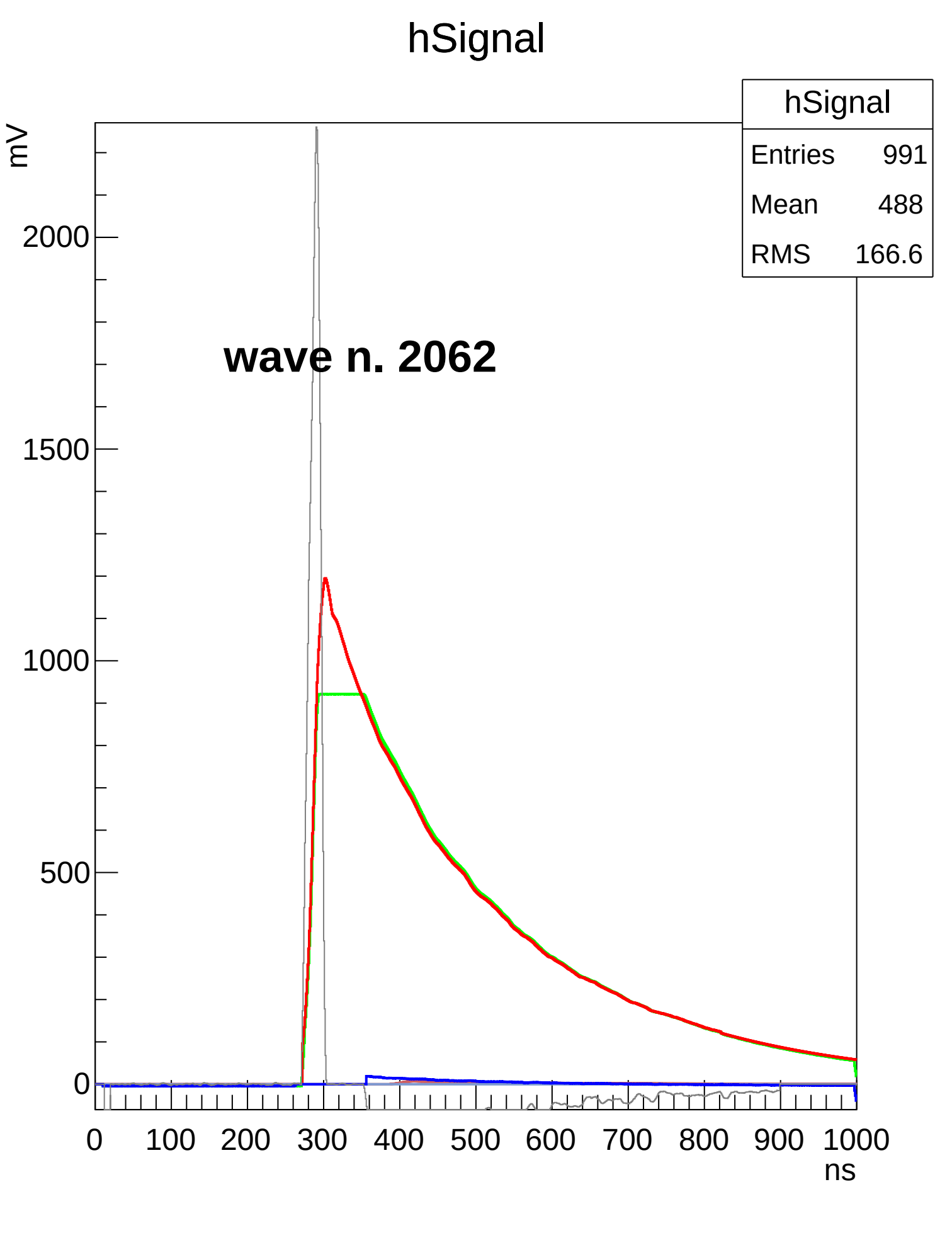
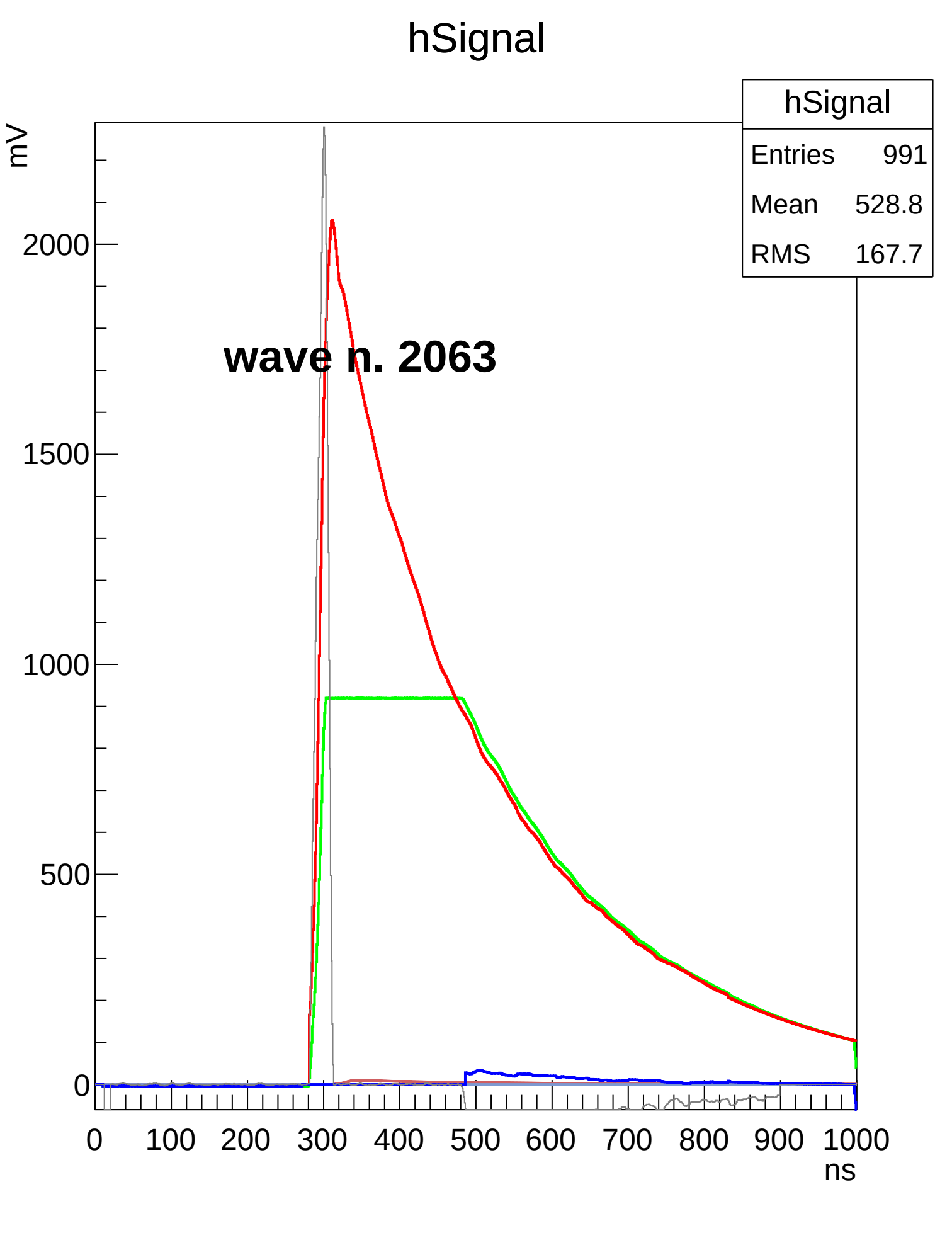
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 478
RMS 179.9
wave n. 2061
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 488
RMS 166.6
wave n. 2062
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 528.8
RMS 167.7
wave n. 2063
mV
2000
1500
1000
500
0
0
100
200
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400
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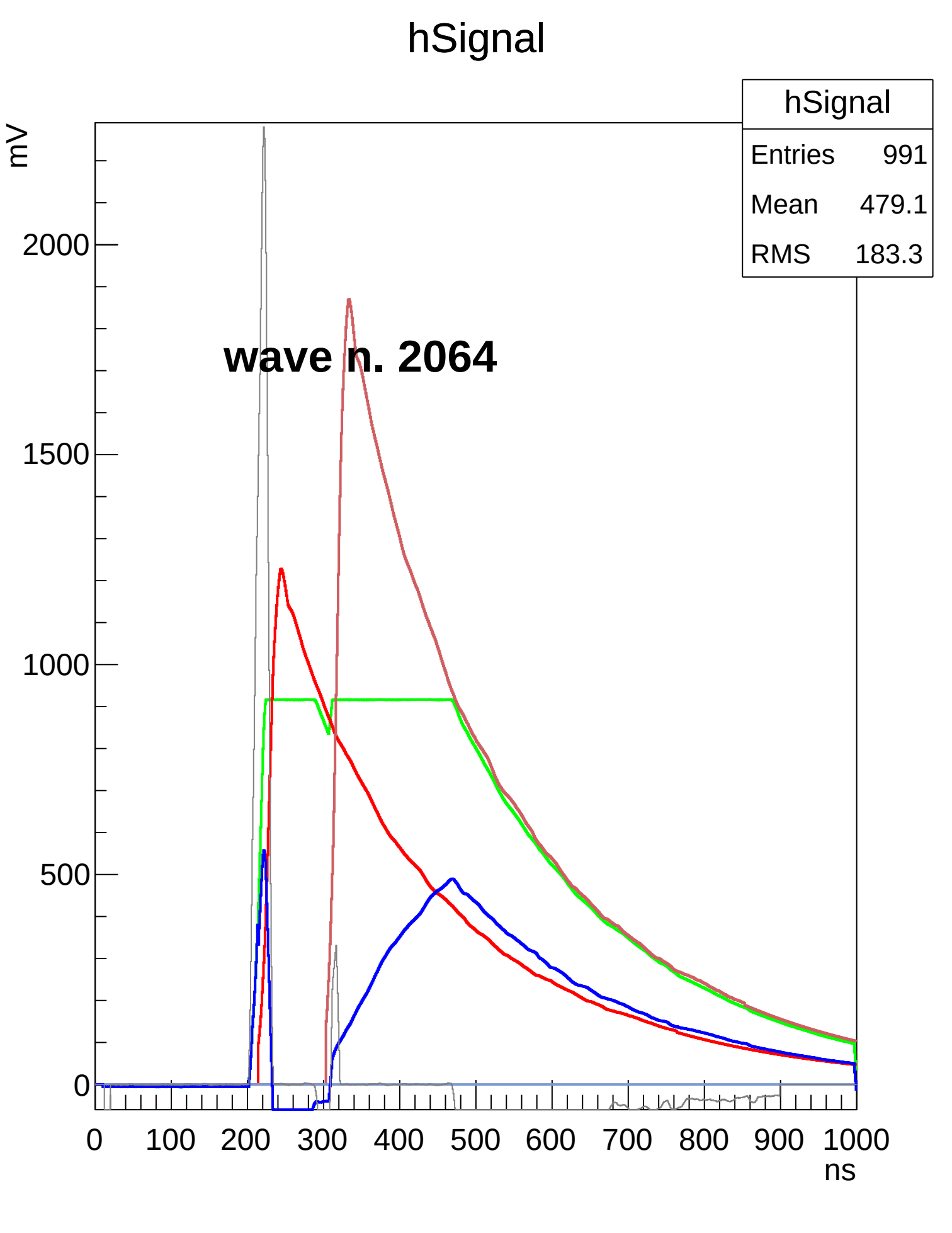
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 479.1
RMS 183.3
wave n. 2064
mV
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1500
1000
500
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0
100
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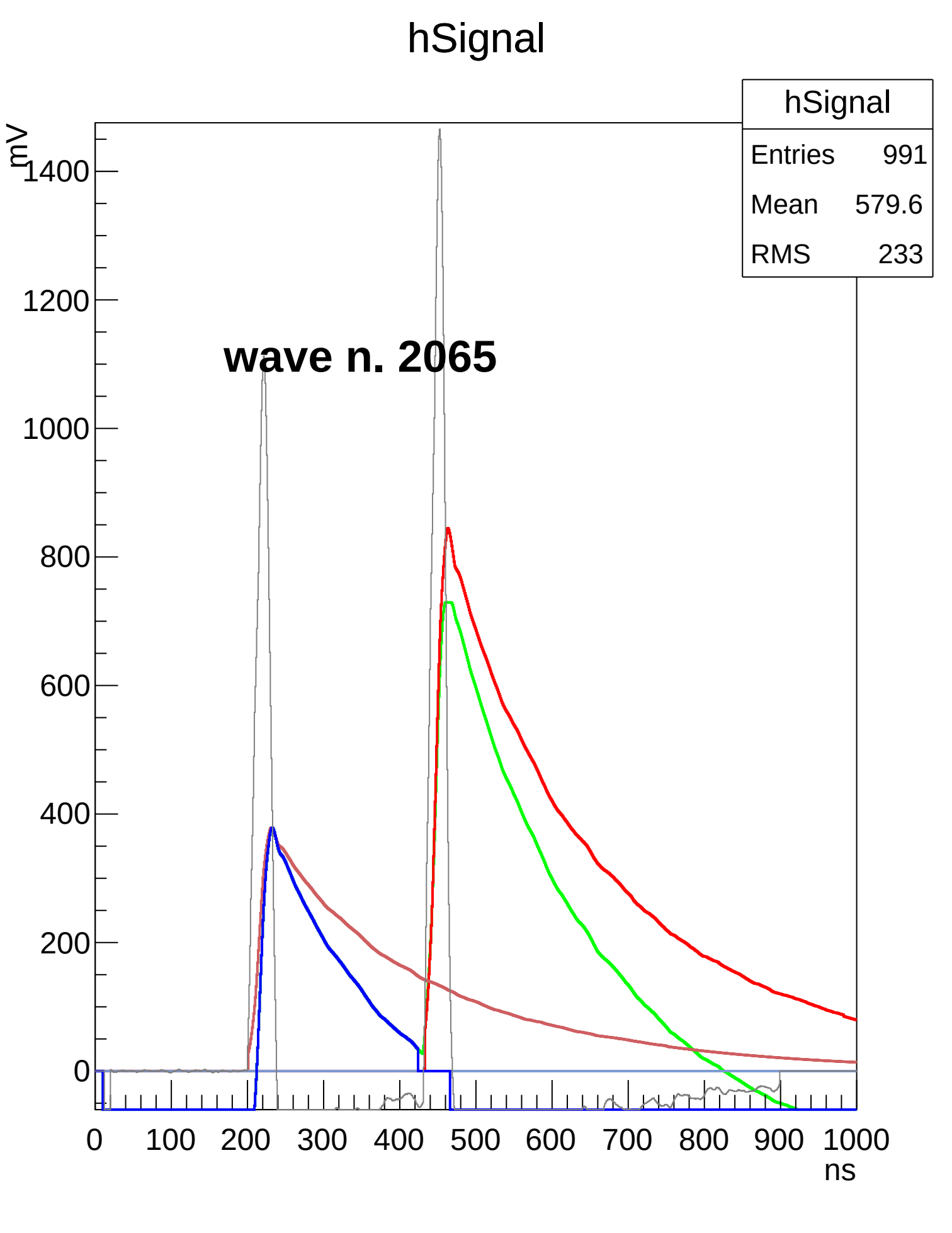
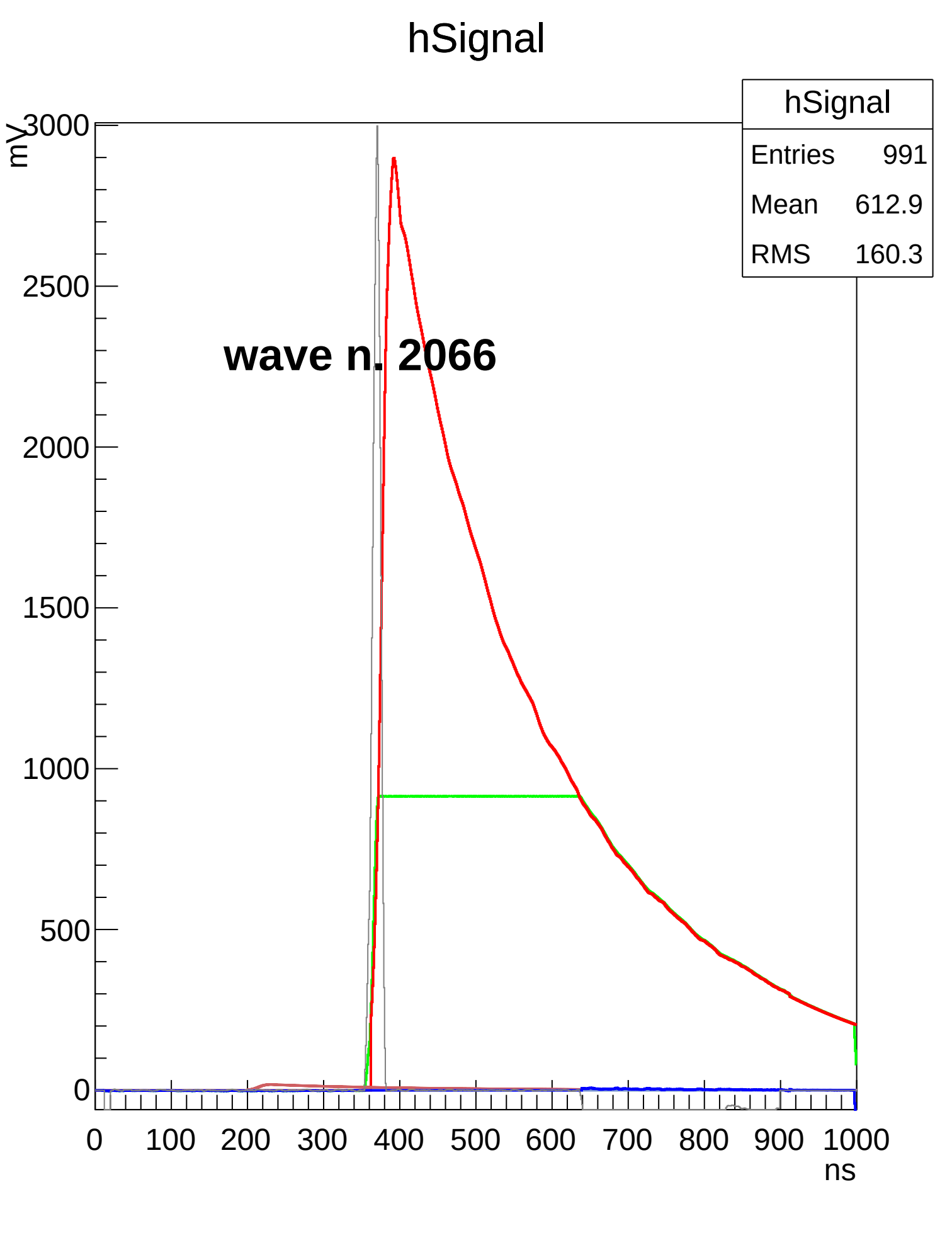
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 579.6
RMS 233
wave n. 2065
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 612.9
RMS 160.3
wave n. 2066
mV
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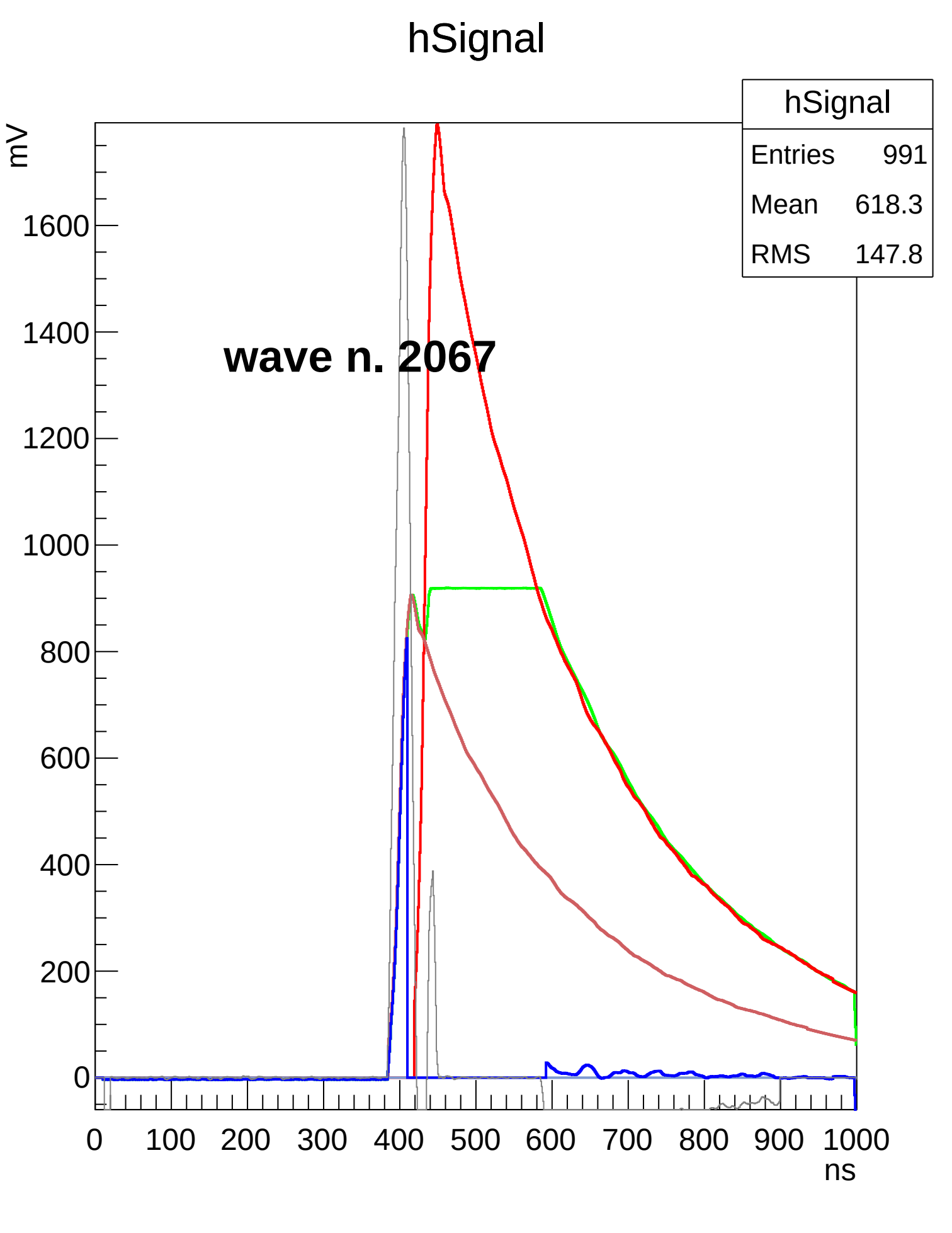
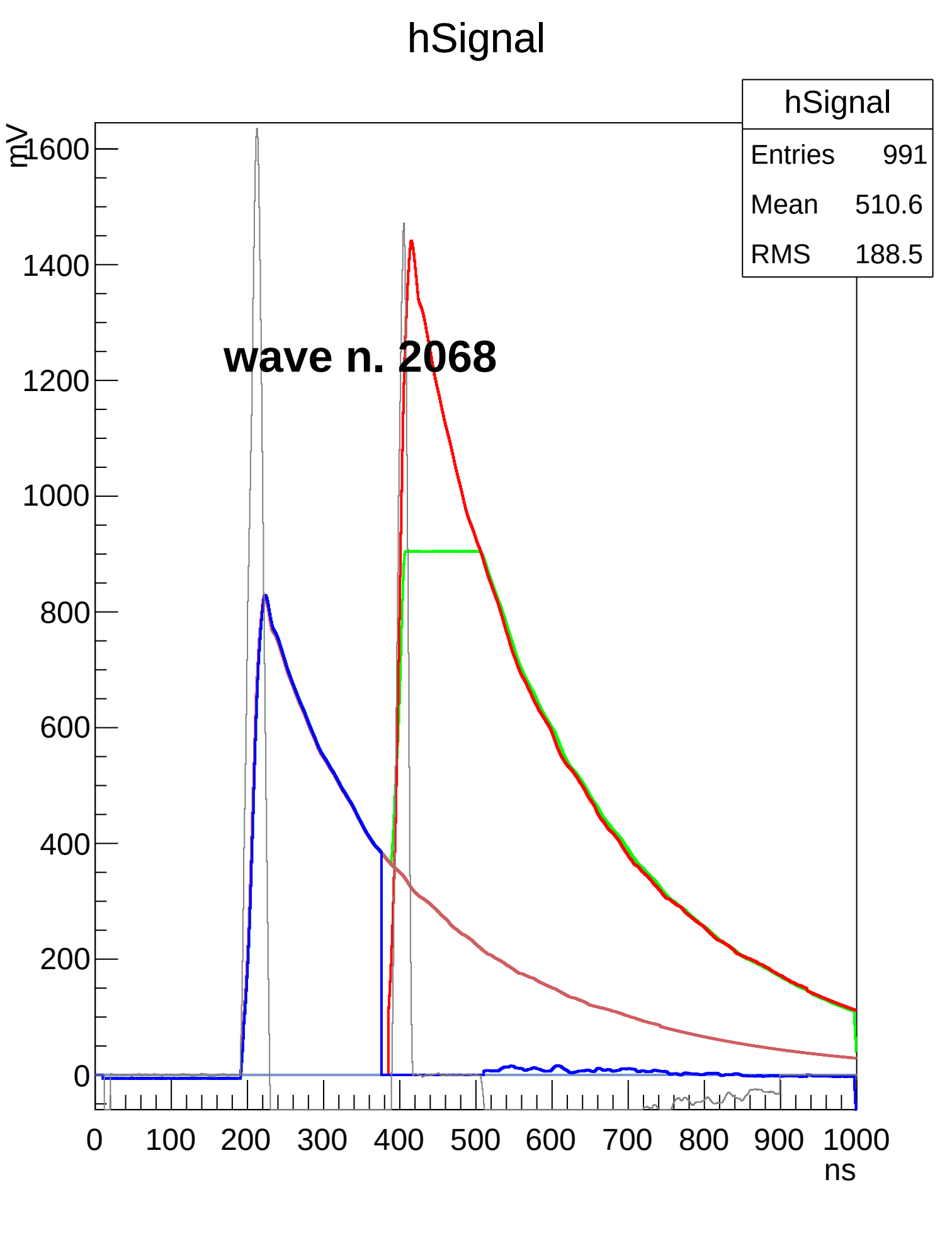
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 618.3
RMS 147.8
wave n. 2067
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 510.6
RMS 188.5
wave n. 2068
mV
1600
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600
400
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0
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200
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400
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1000
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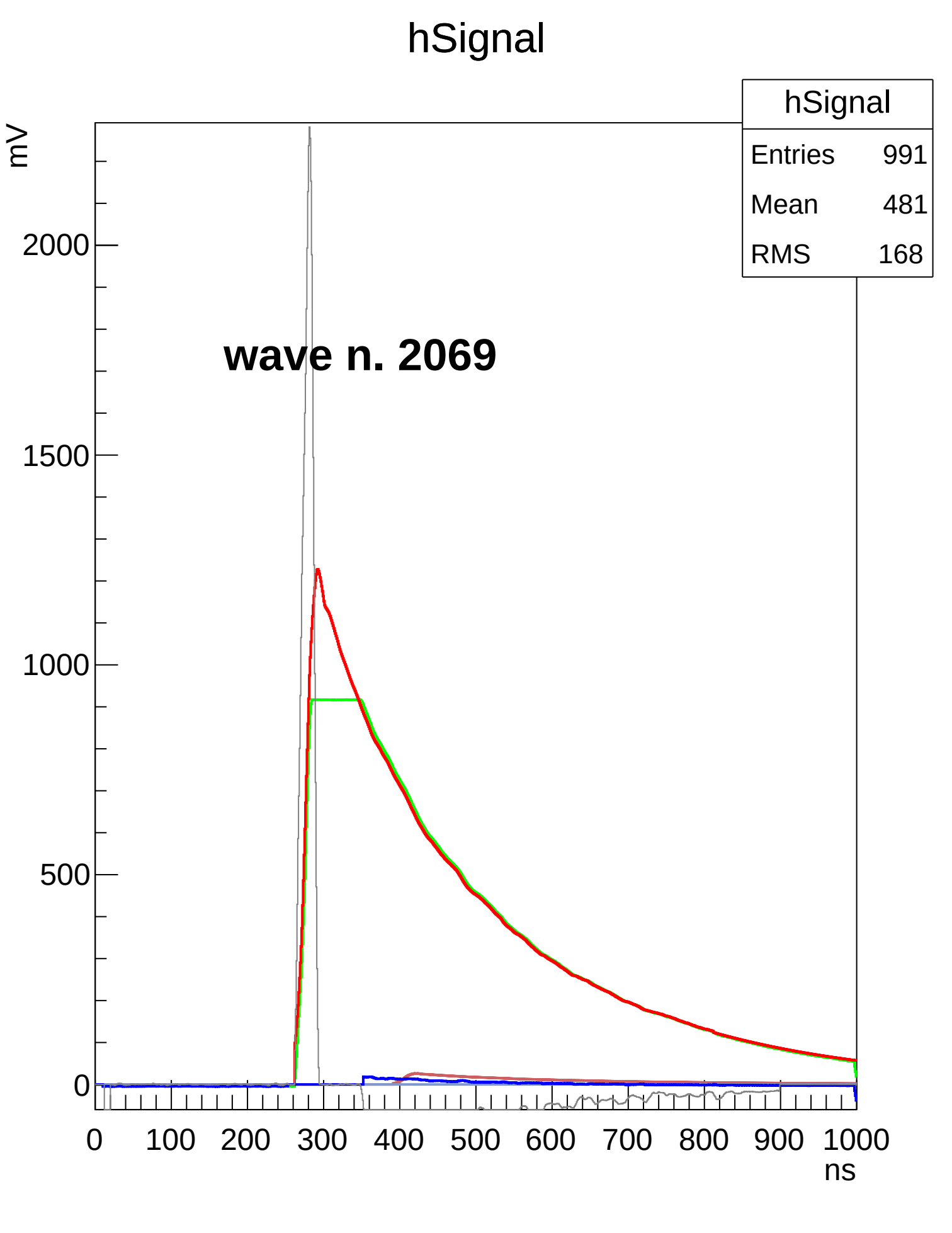
hSignal
hSignal
Entries 991
Mean 481
RMS 168
wave n. 2069
mV
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1500
1000
500
0
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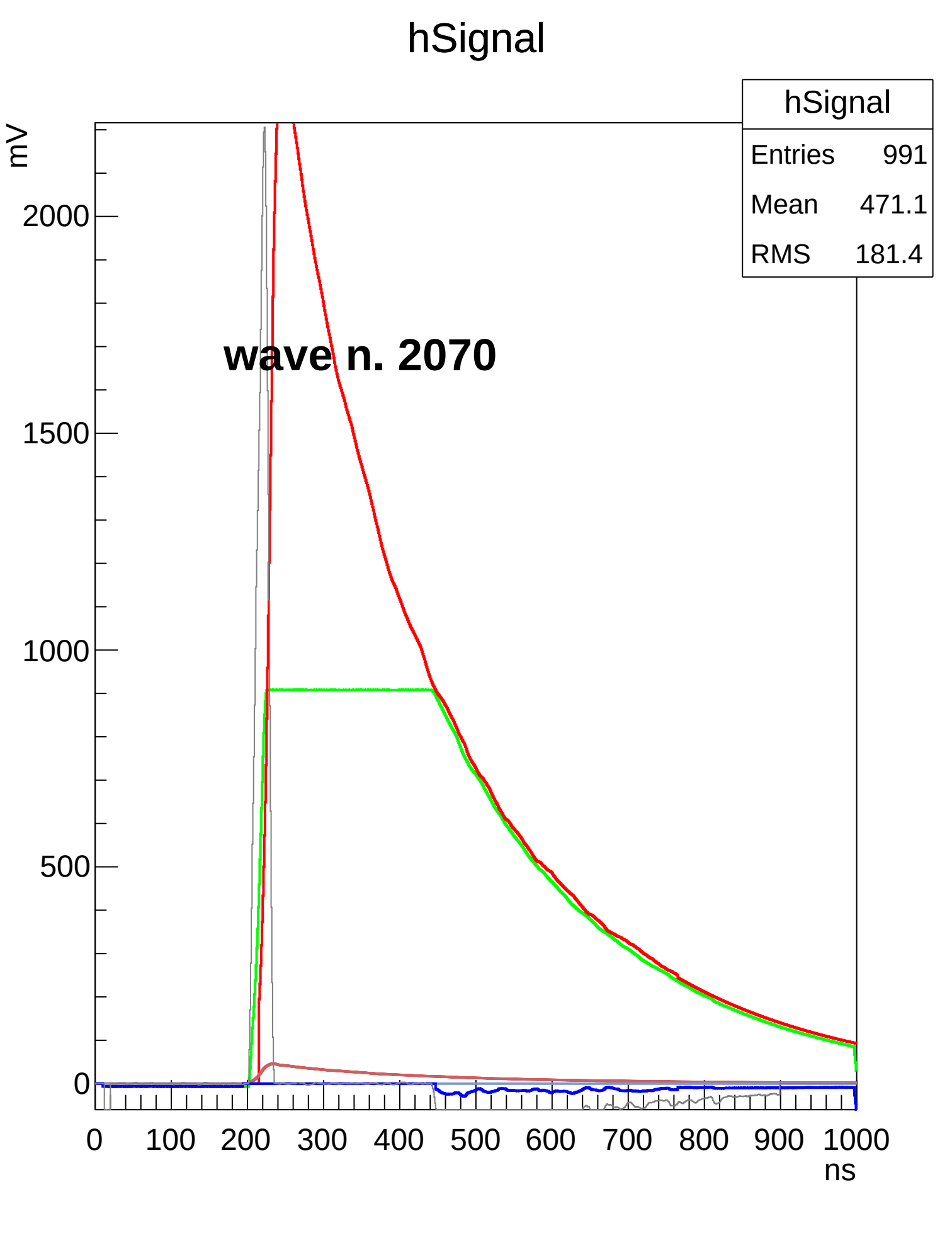
ns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hSignal
Entries 991
Mean 471.1
RMS 181.4
wave n. 2070
mV
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1500
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500
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0
100
200
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400
500
600
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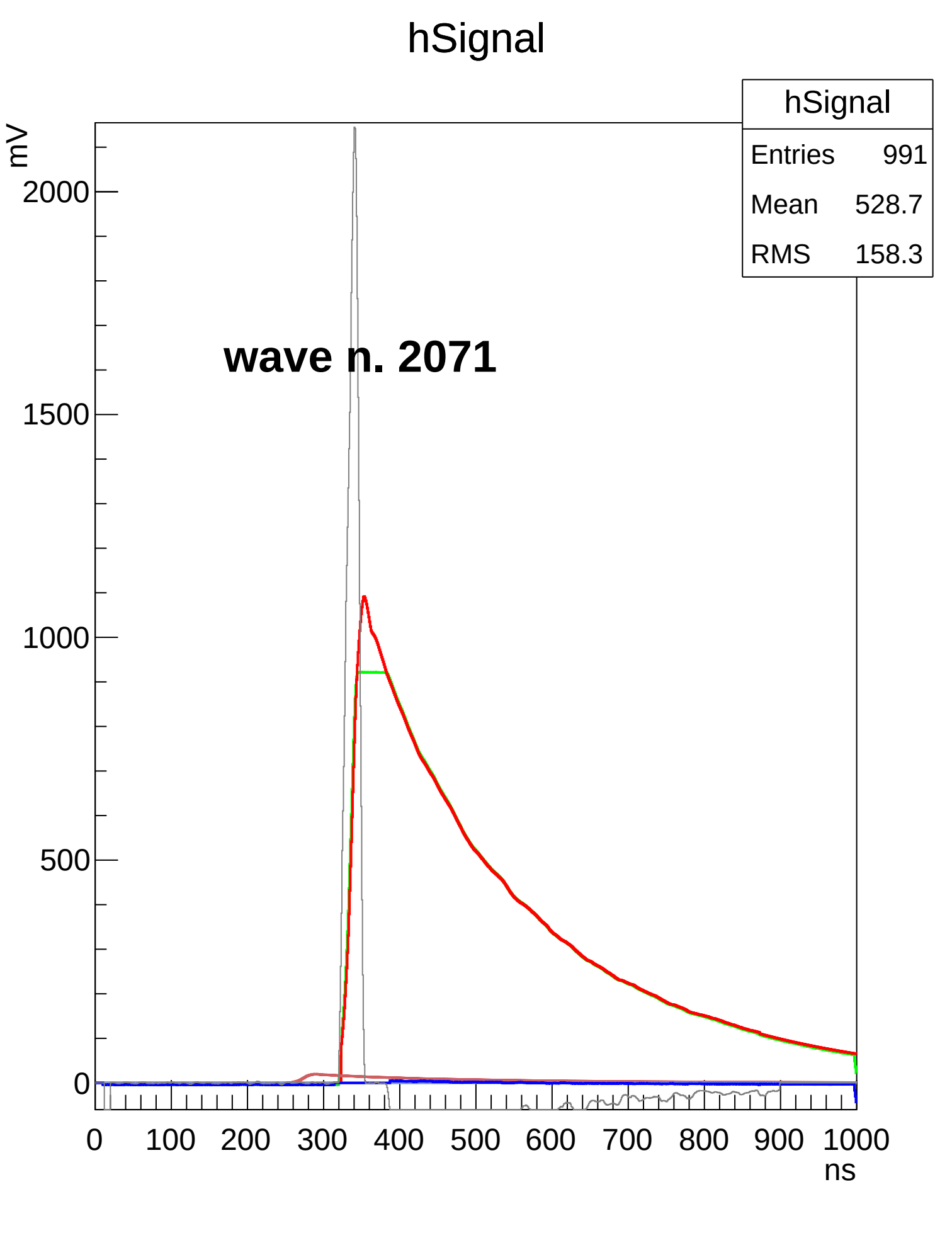
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 528.7
RMS 158.3
wave n. 2071
mV
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1000
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0
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400
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800
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1000
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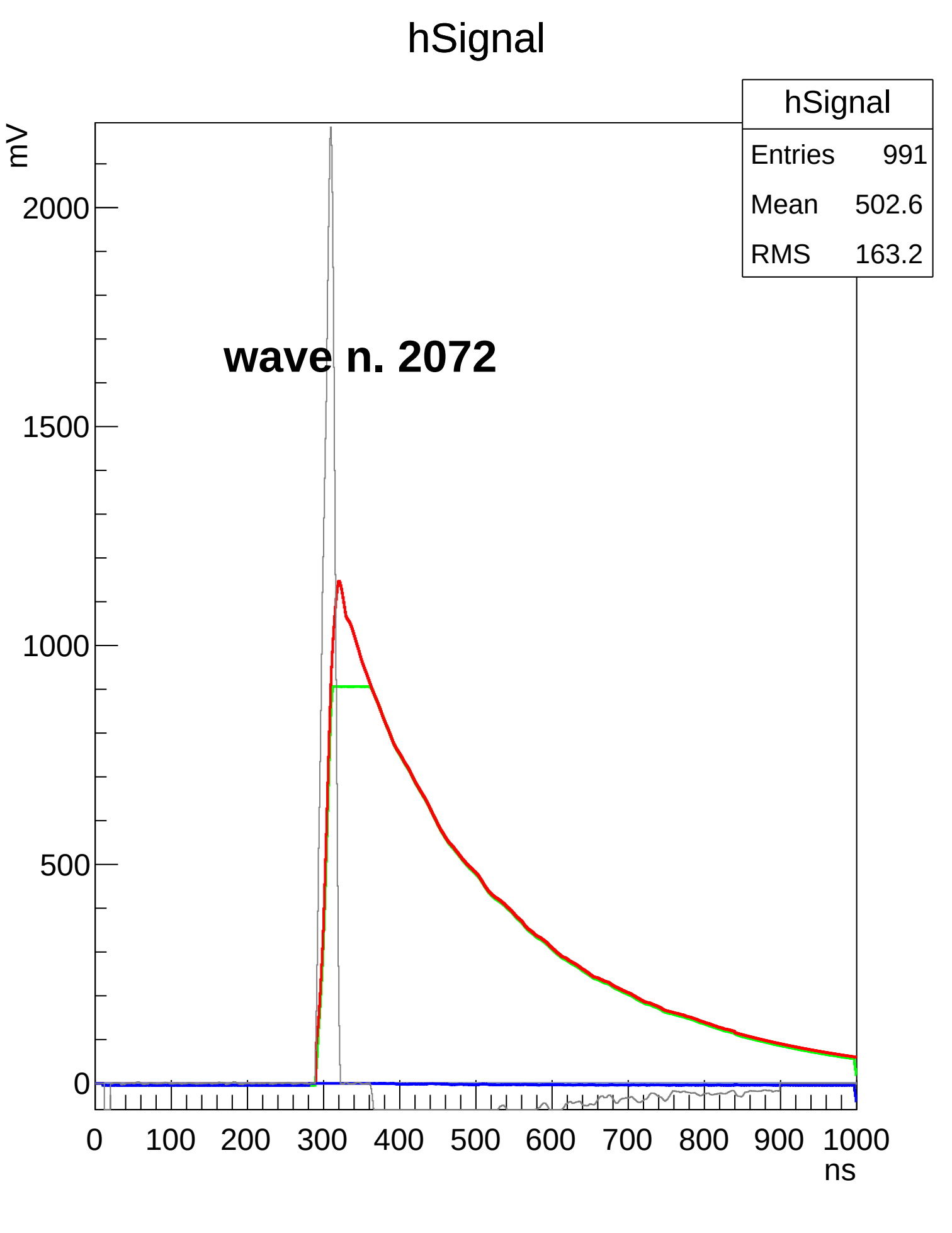
hSignal
hSignal
Entries 991
Mean 502.6
RMS 163.2
wave n. 2072
mV
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1500
1000
500
0
0
100
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400
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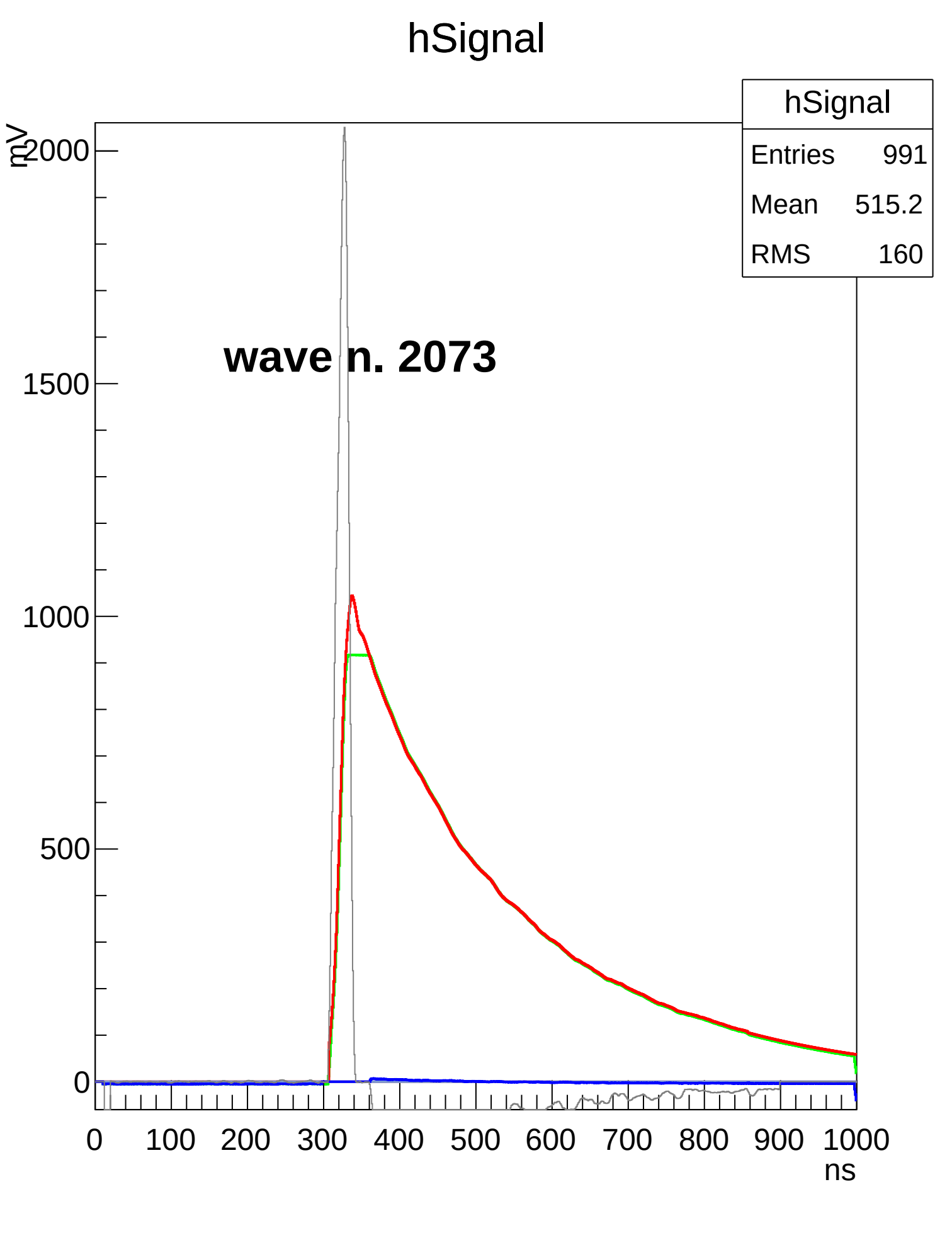
800
900
1000
ns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hSignal
Entries 991
Mean 515.2
RMS 160
wave n. 2073
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0
100
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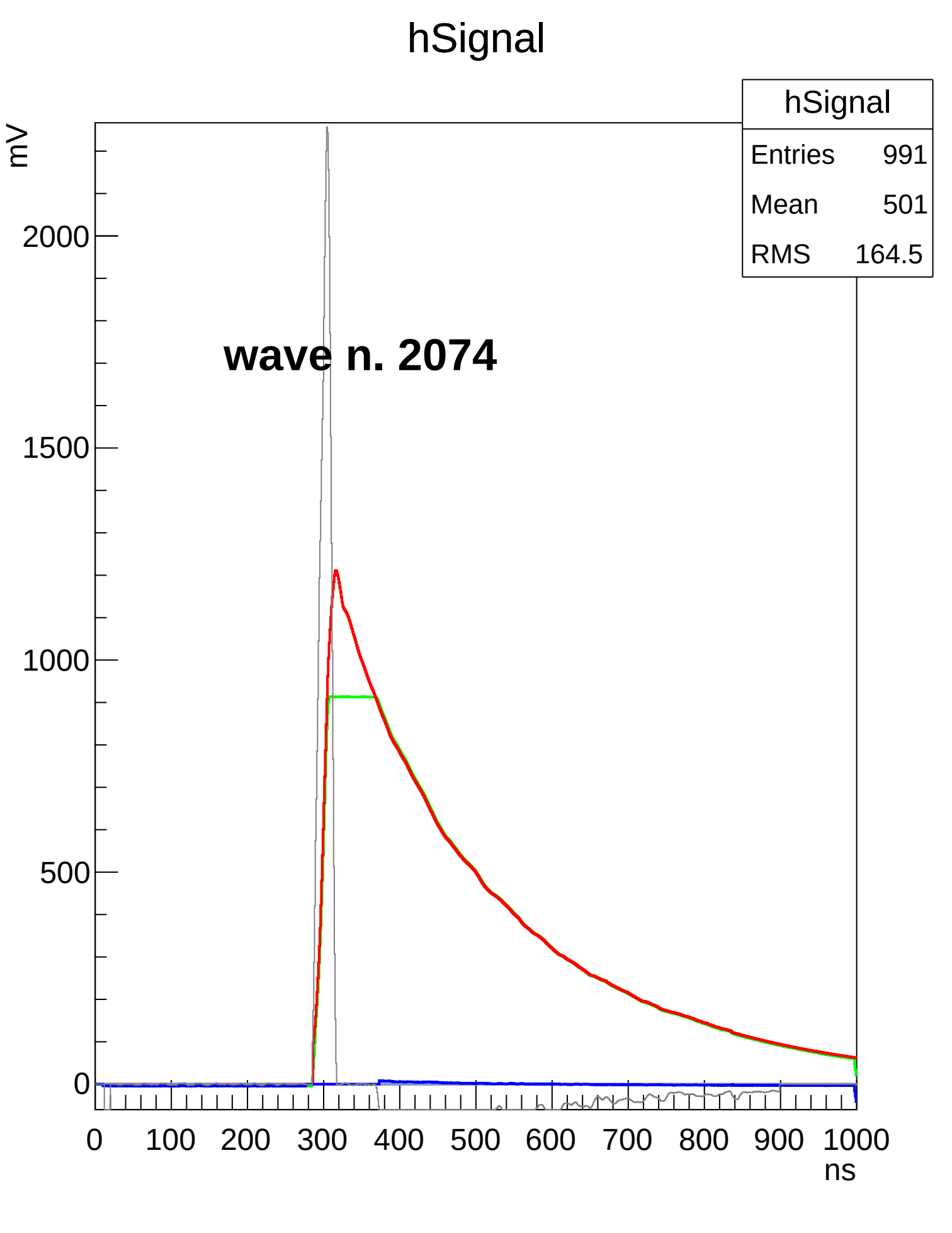
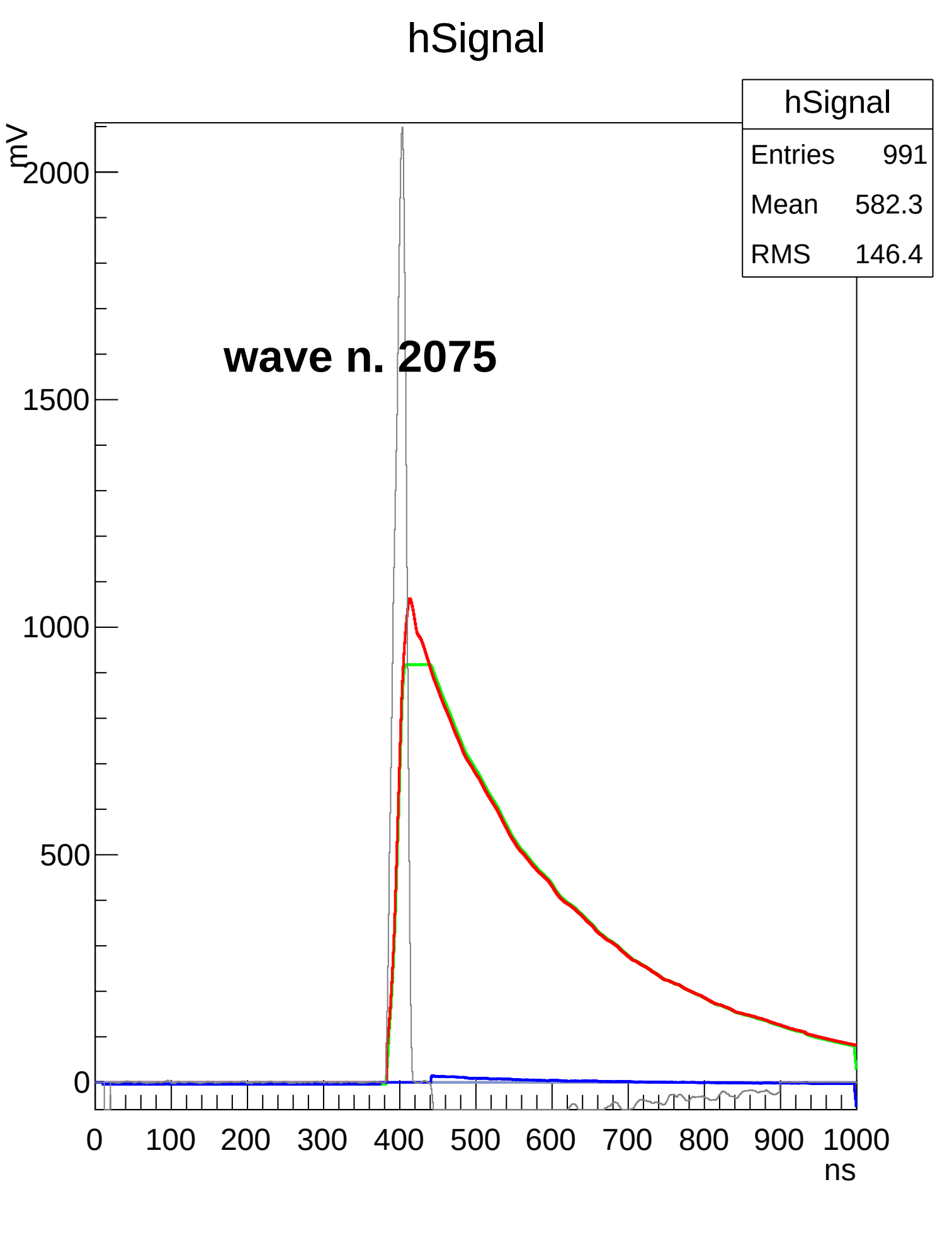
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 501
RMS 164.5
wave n. 2074
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 582.3
RMS 146.4
wave n. 2075
mV
2000
1500
1000
500
0
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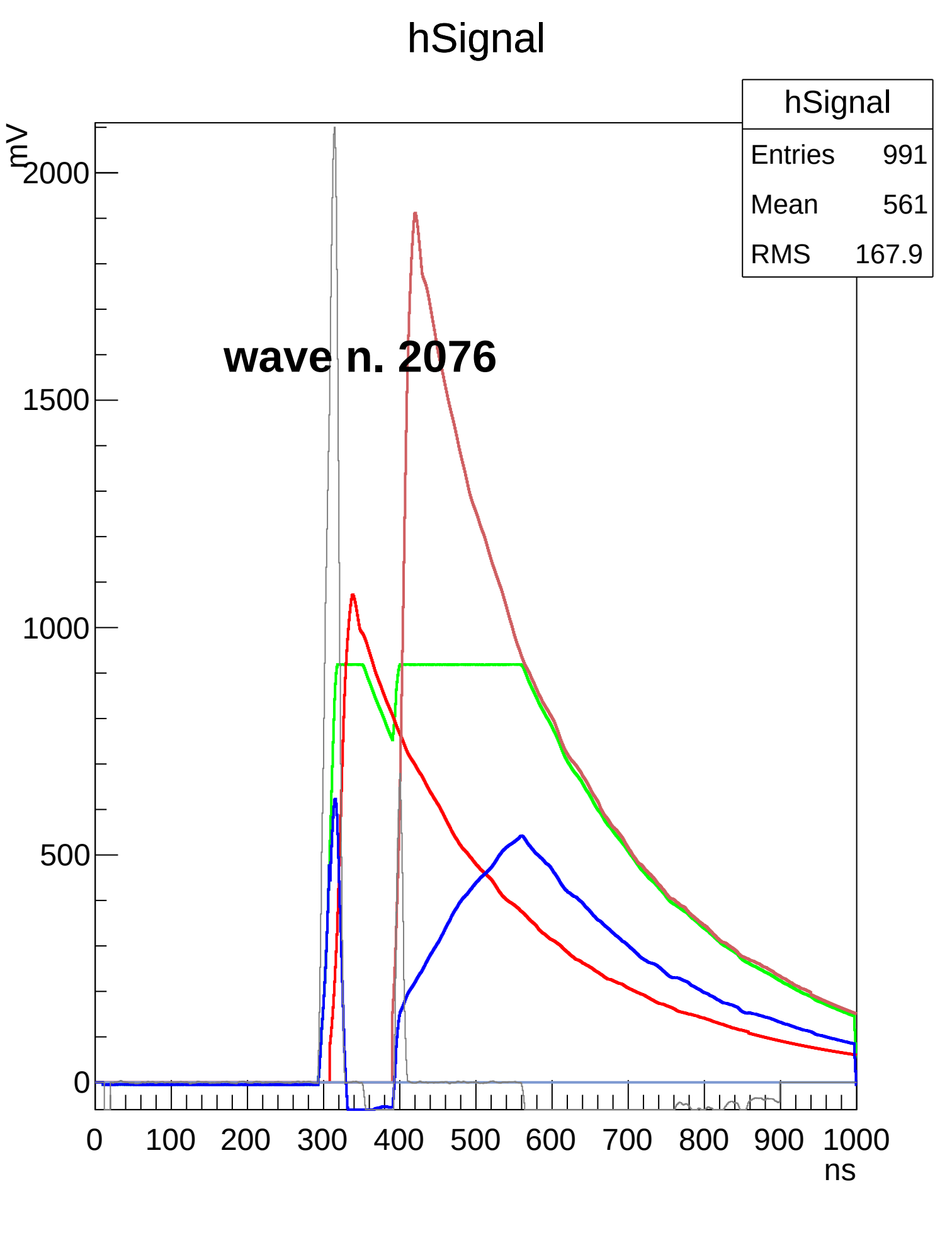
ns


hSignal
hSignal
Entries 991
Mean 561
RMS 167.9
wave n. 2076
mV
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1500
1000
500
0
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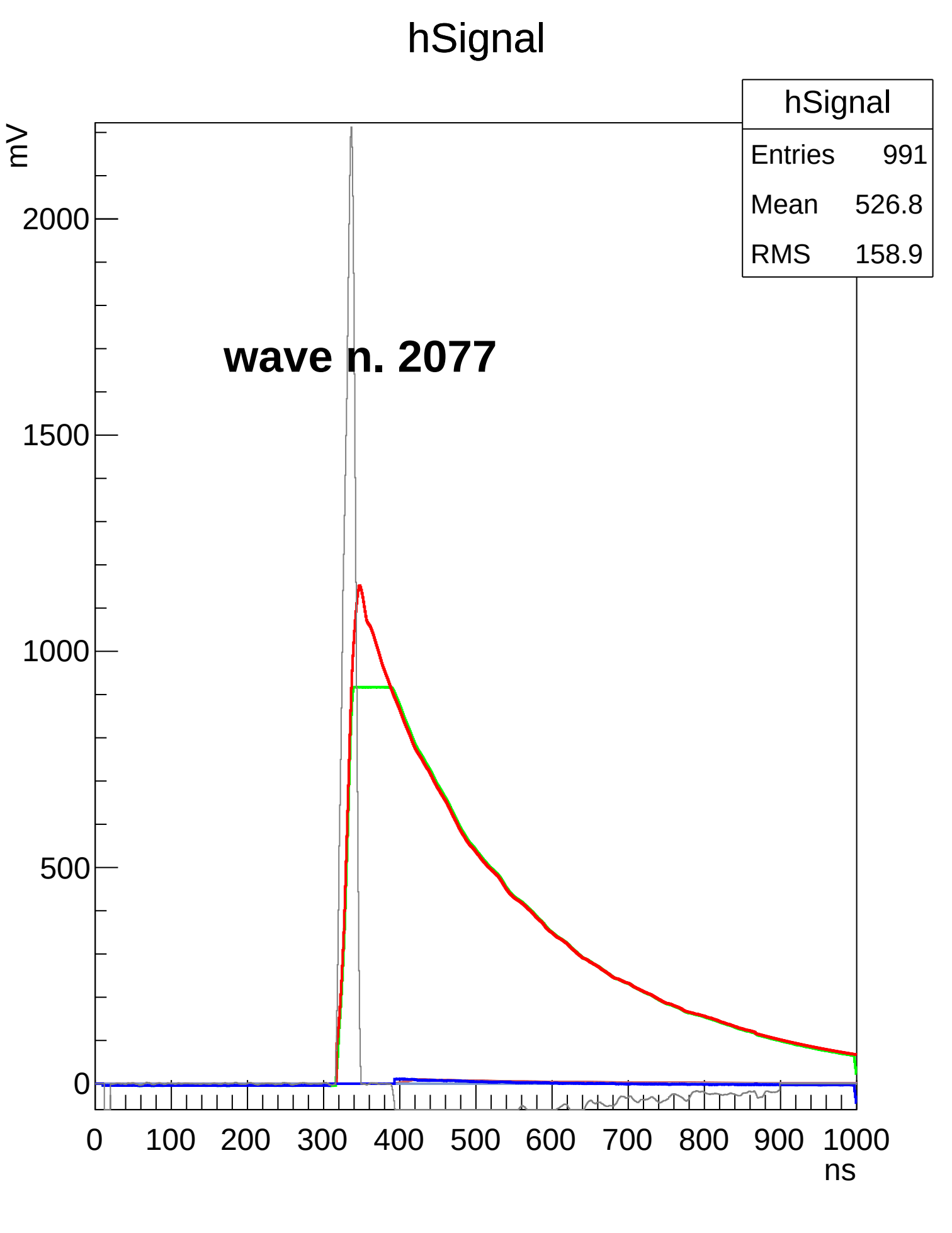
ns


hSignal
hSignal
Entries 991
Mean 526.8
RMS 158.9
wave n. 2077
mV
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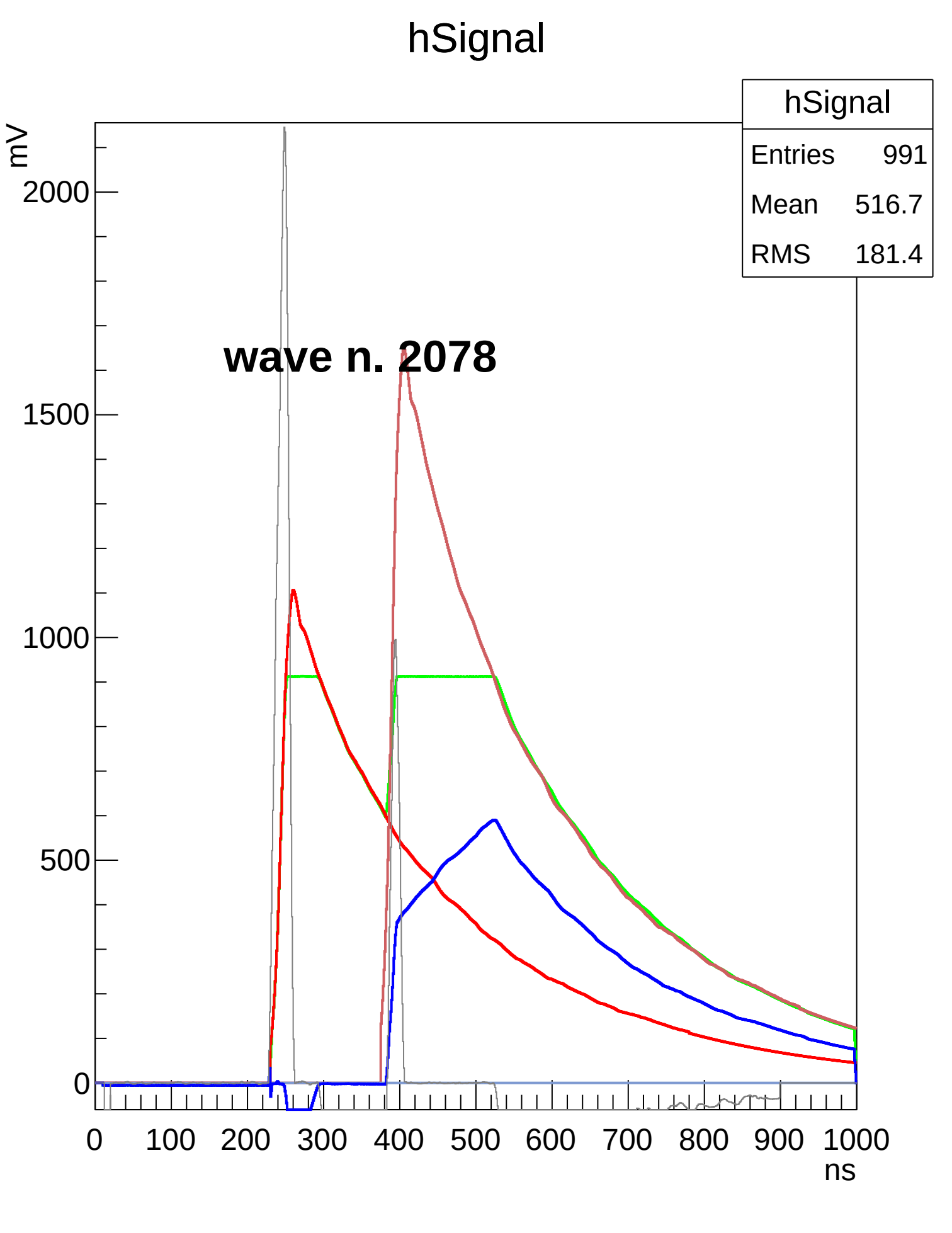
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 516.7
RMS 181.4
wave n. 2078
mV
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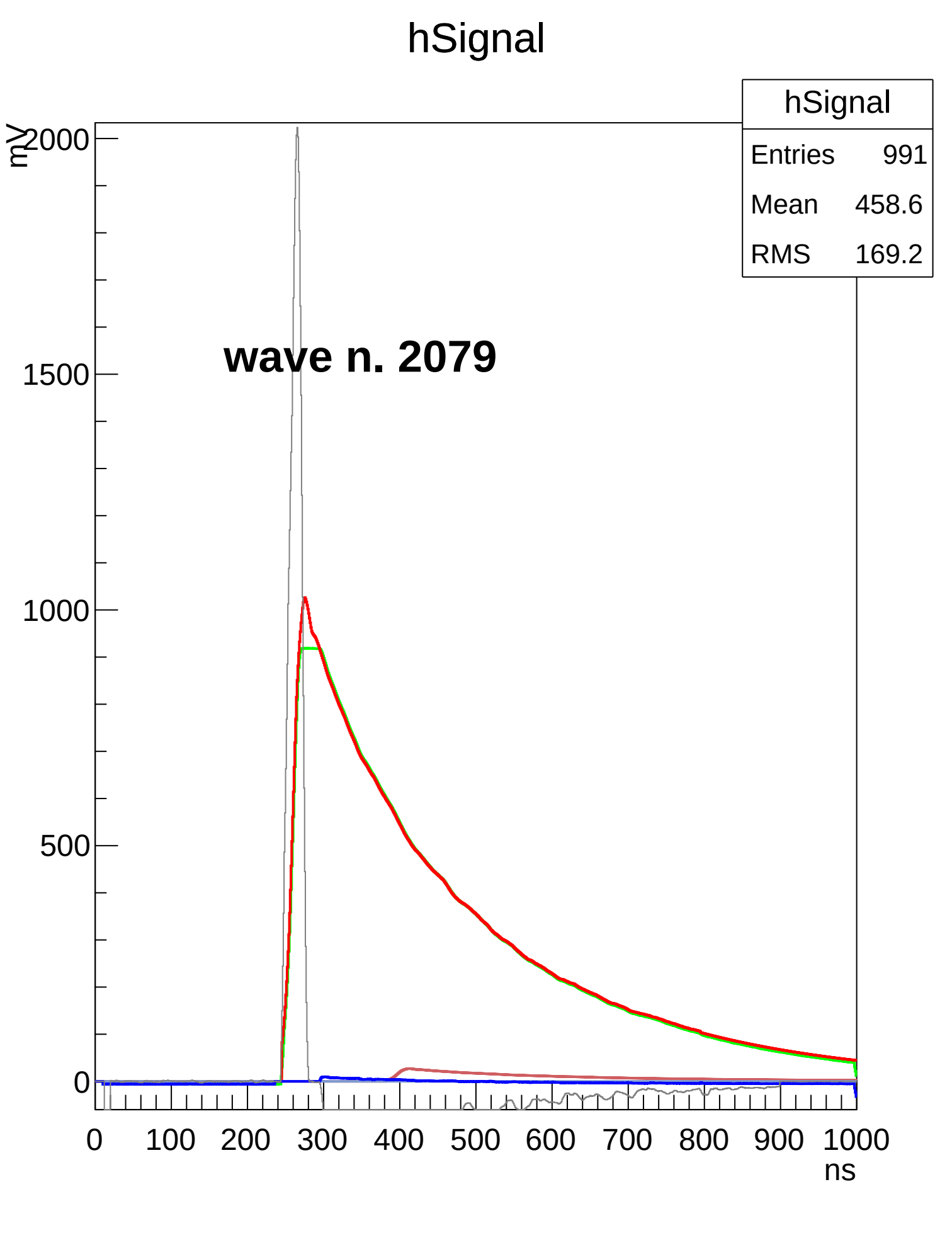
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 458.6
RMS 169.2
wave n. 2079
mV
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1500
1000
500
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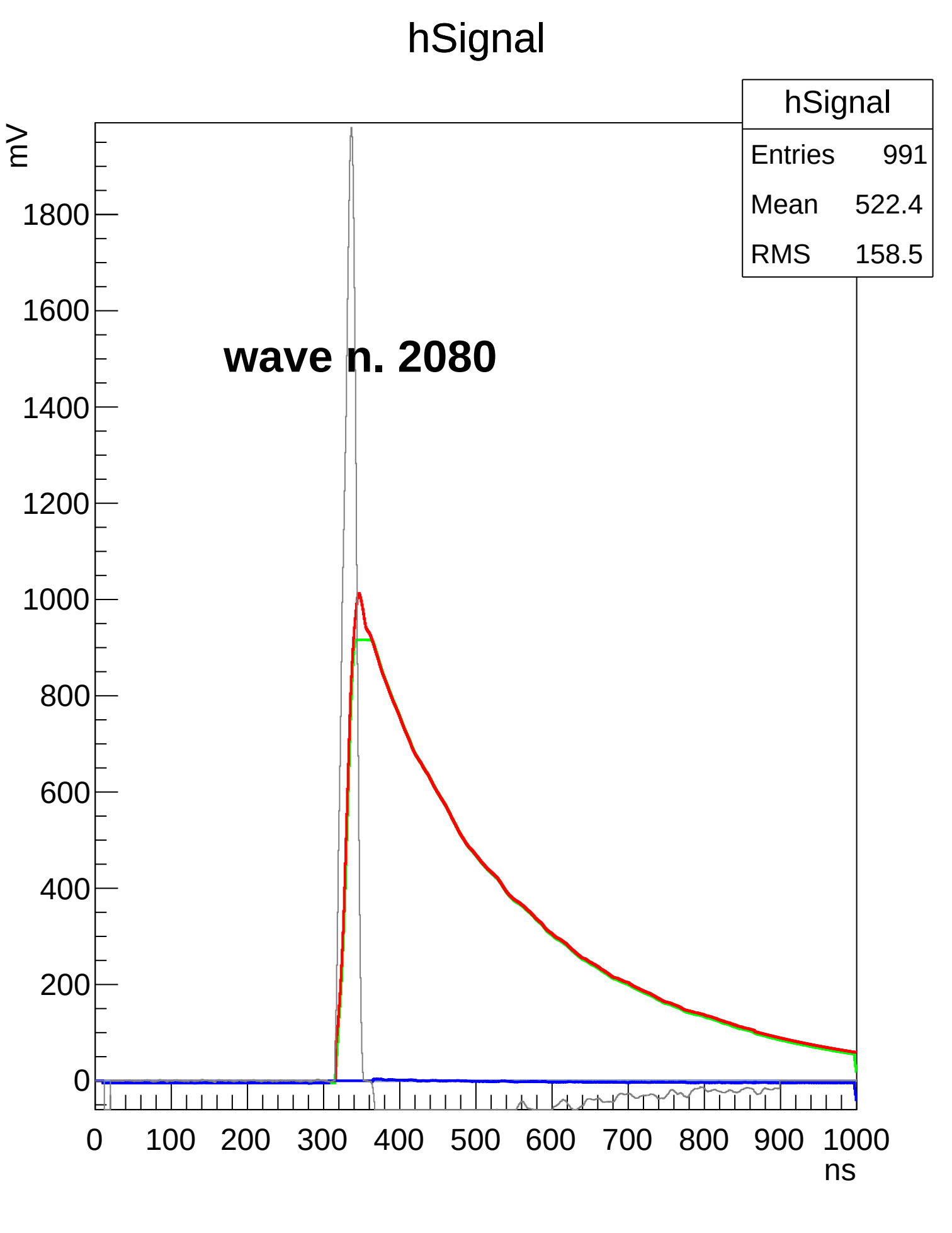
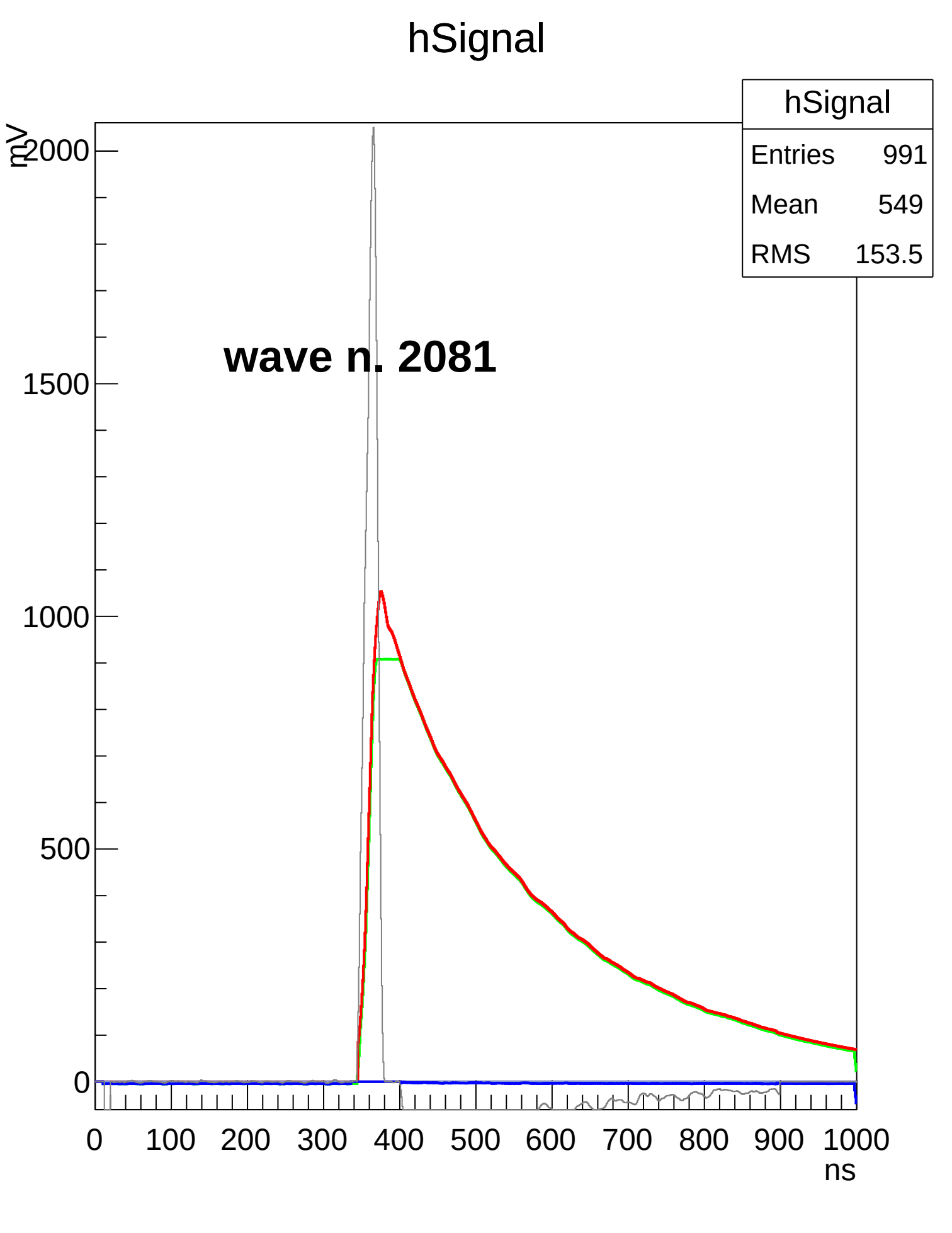
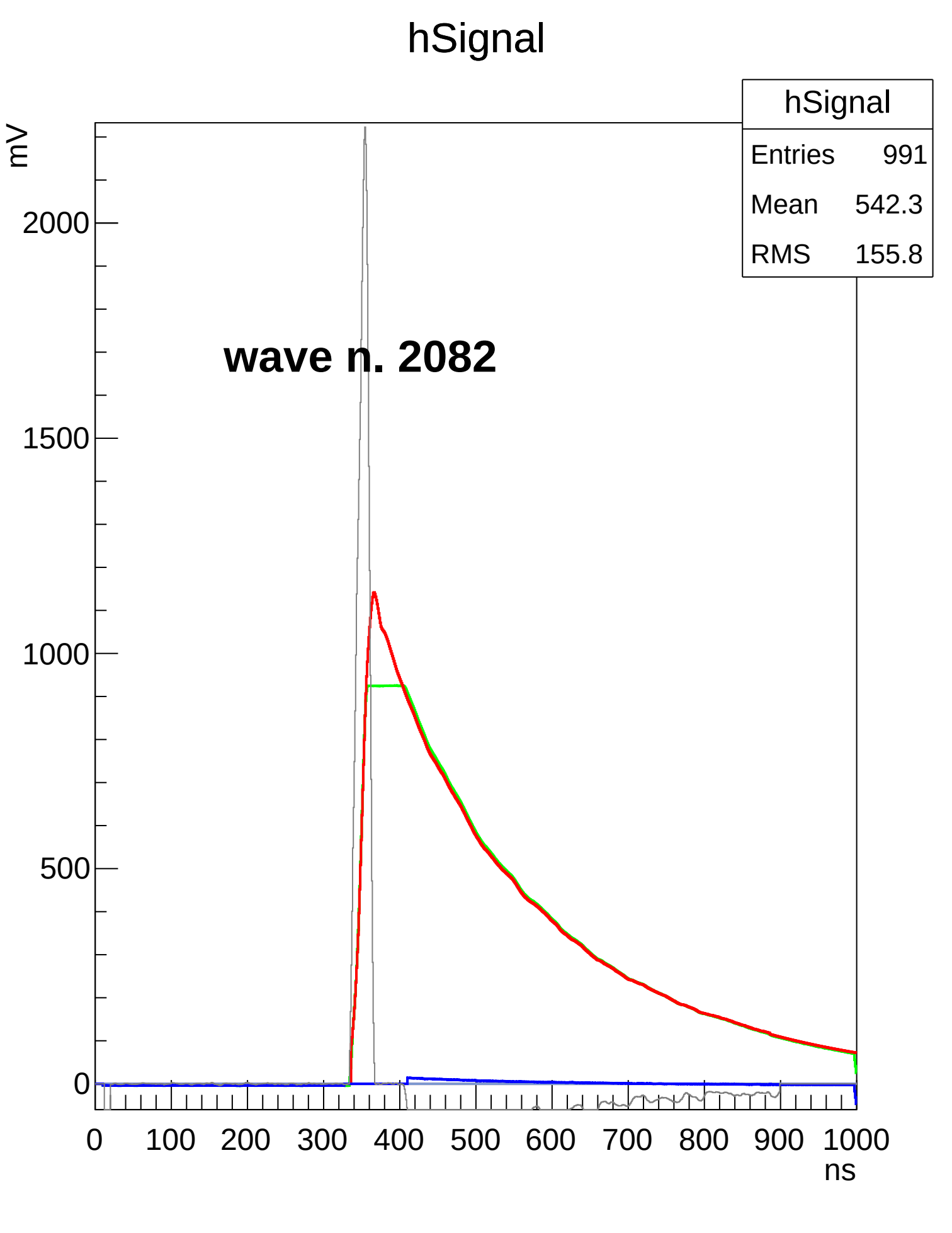
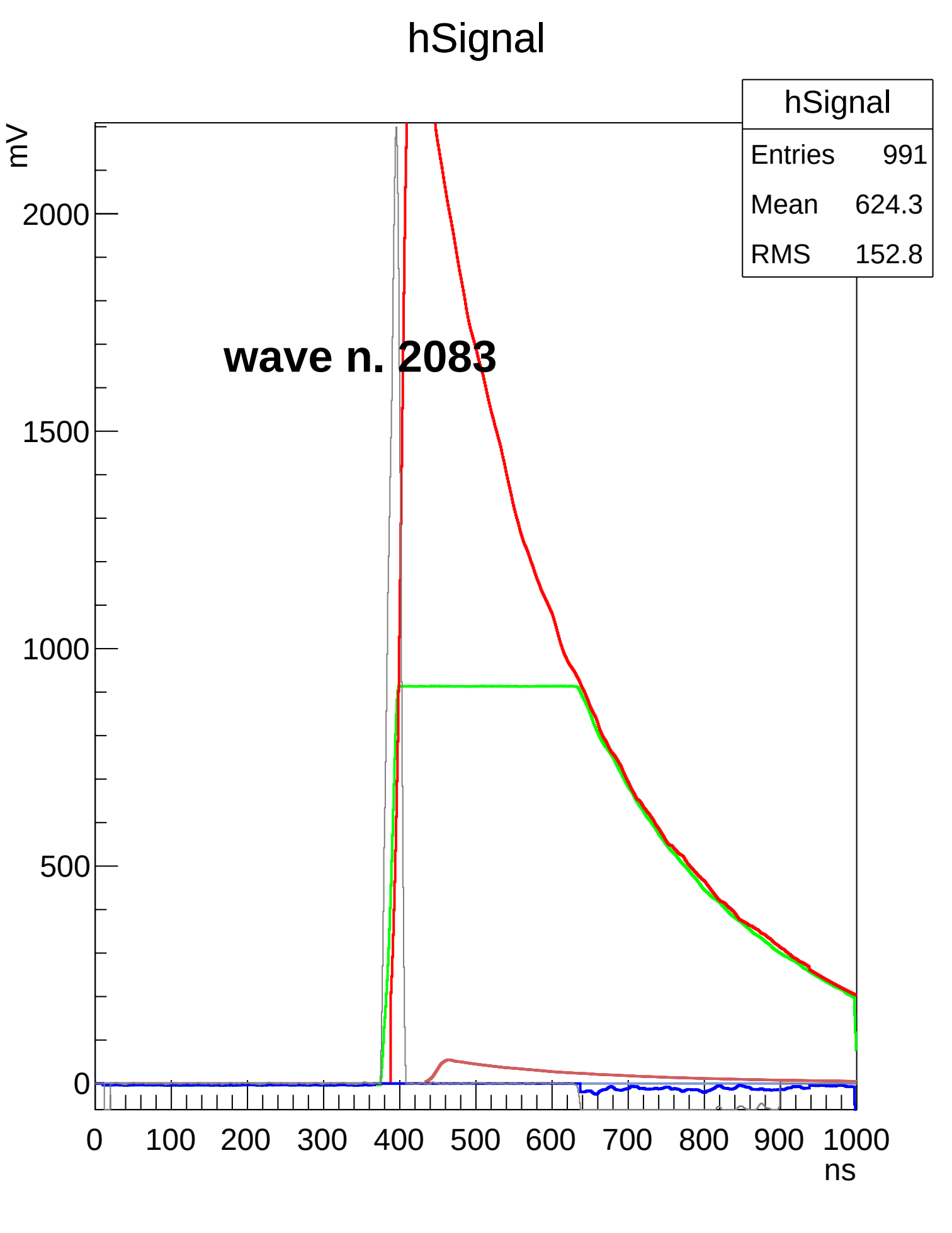
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 522.4
RMS 158.5
wave n. 2080
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549
RMS 153.5
wave n. 2081
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 542.3
RMS 155.8
wave n. 2082
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 624.3
RMS 152.8
wave n. 2083
mV
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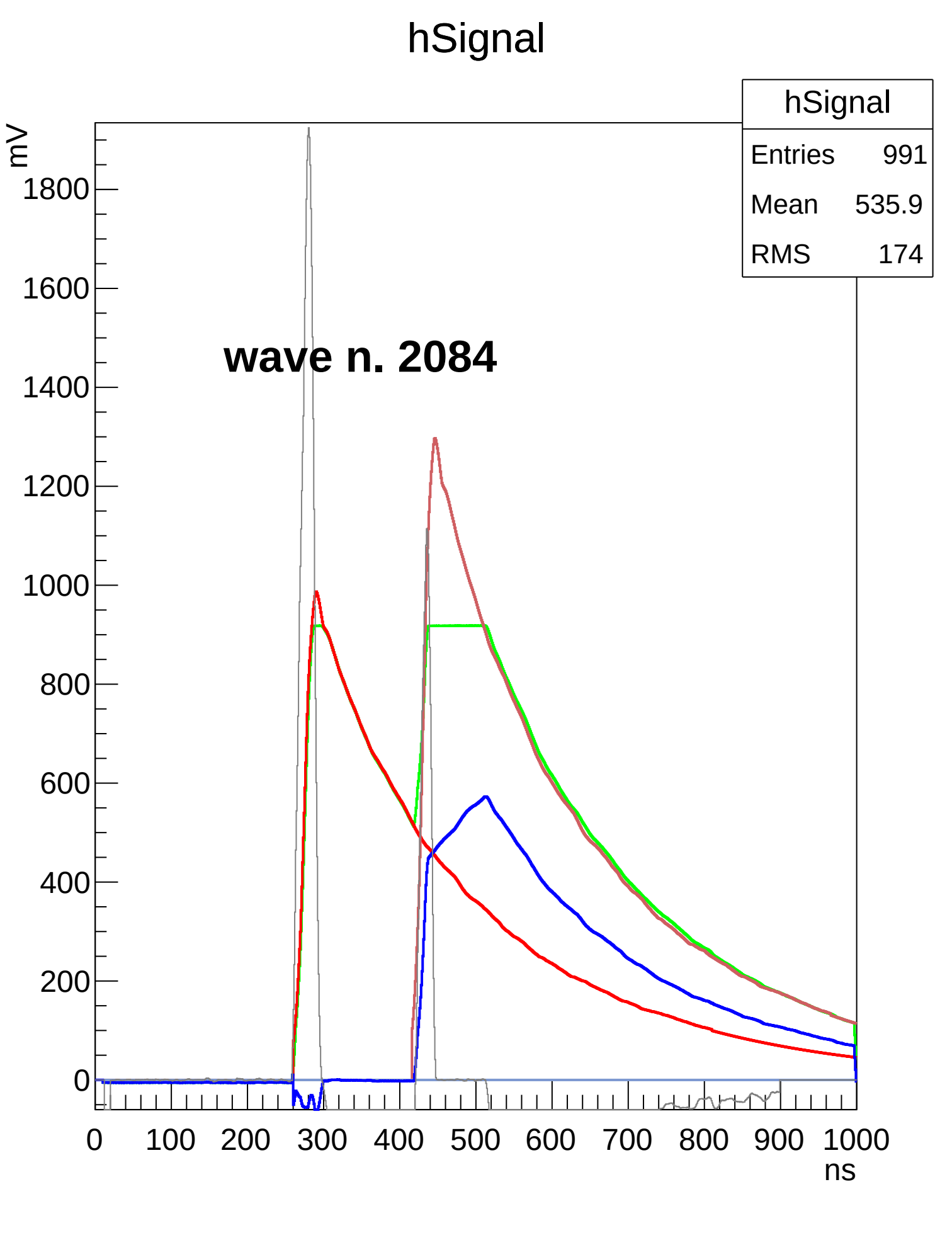
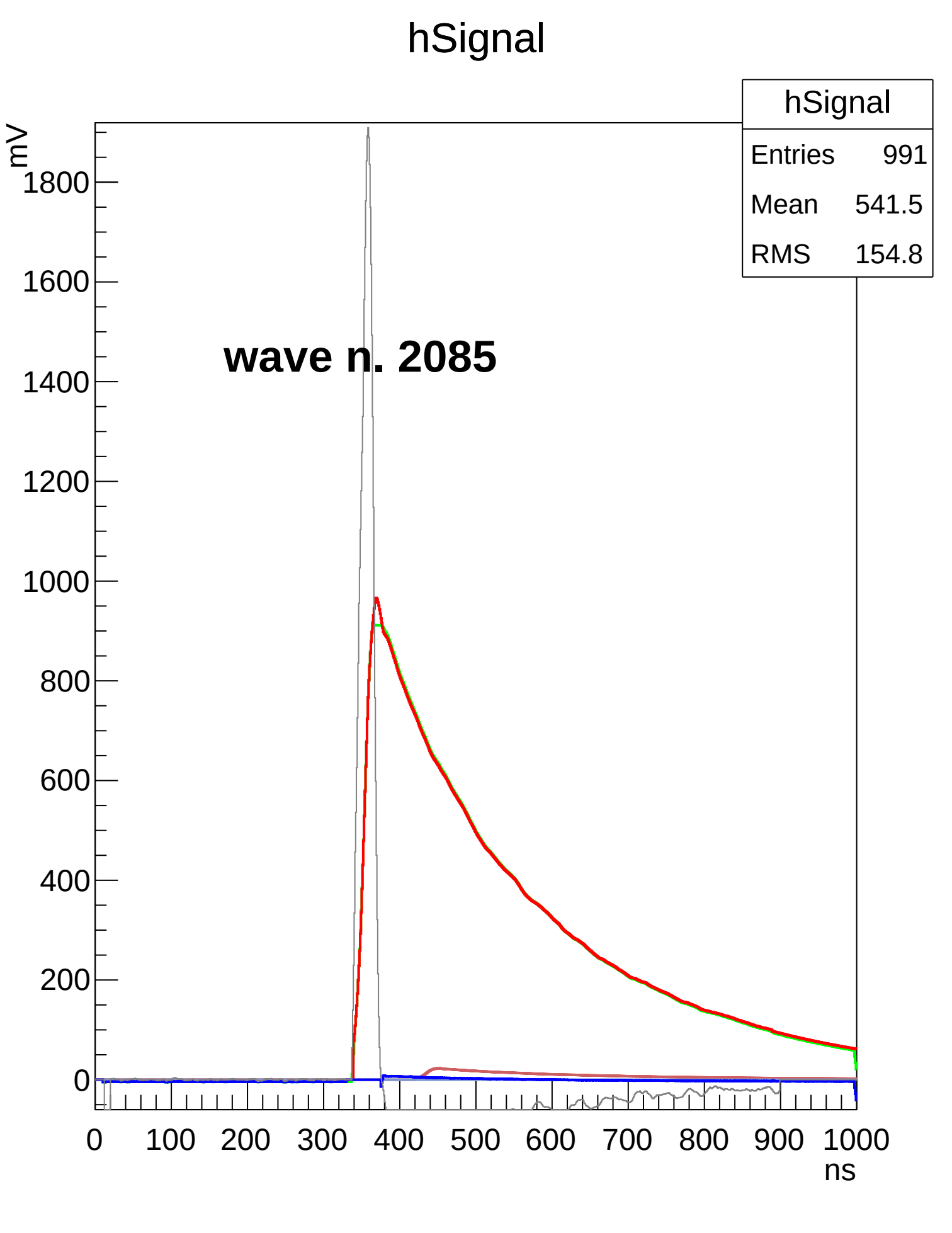
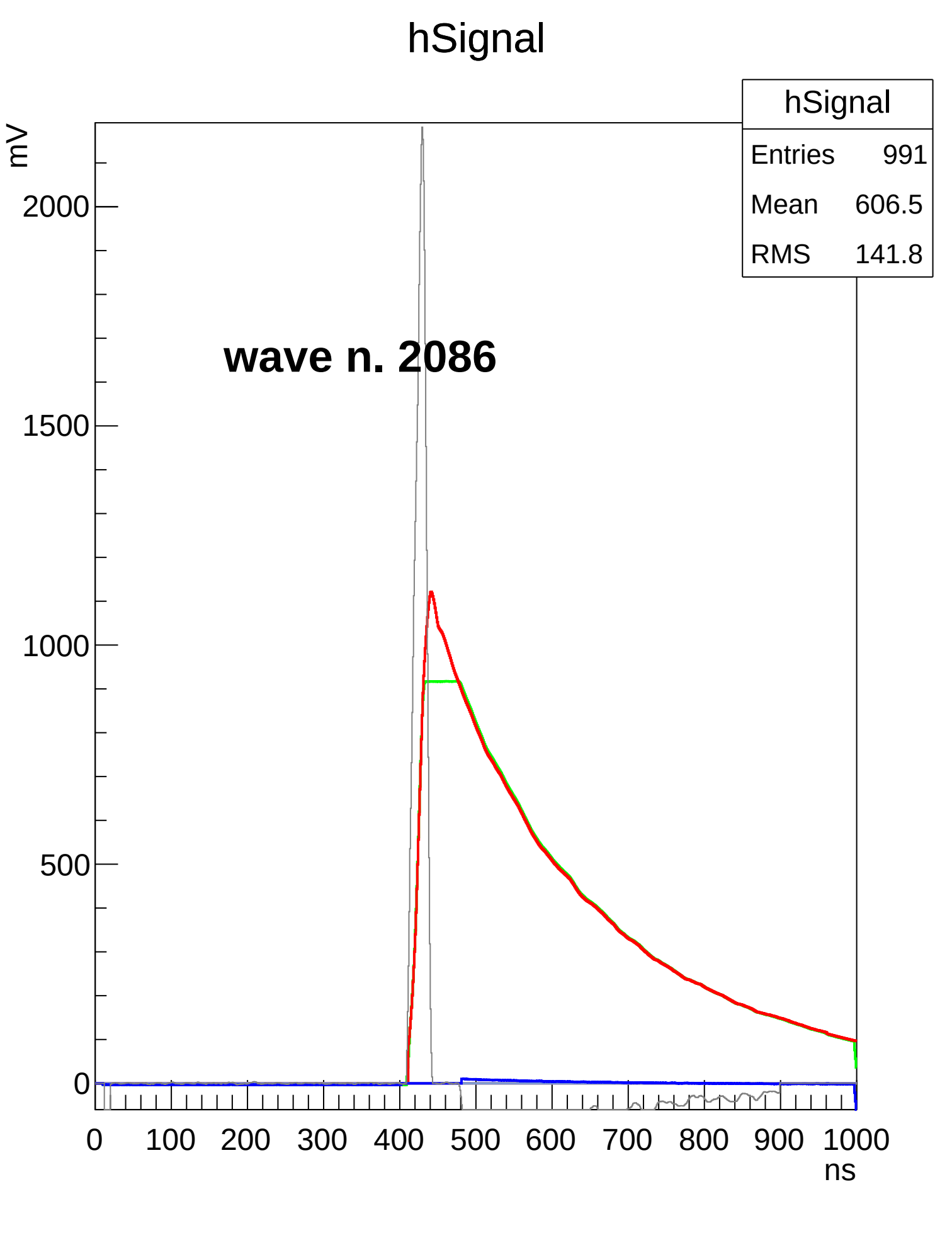
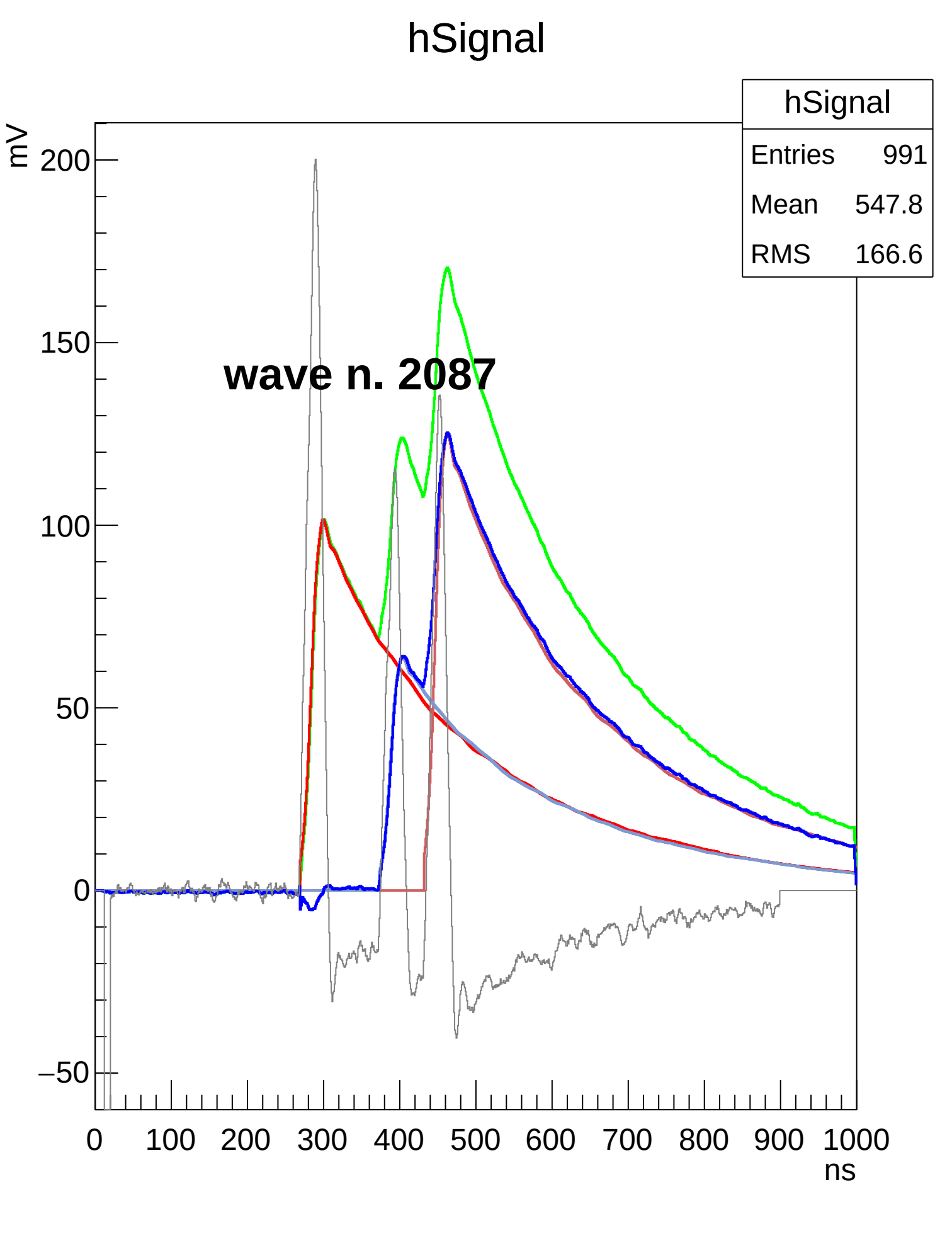
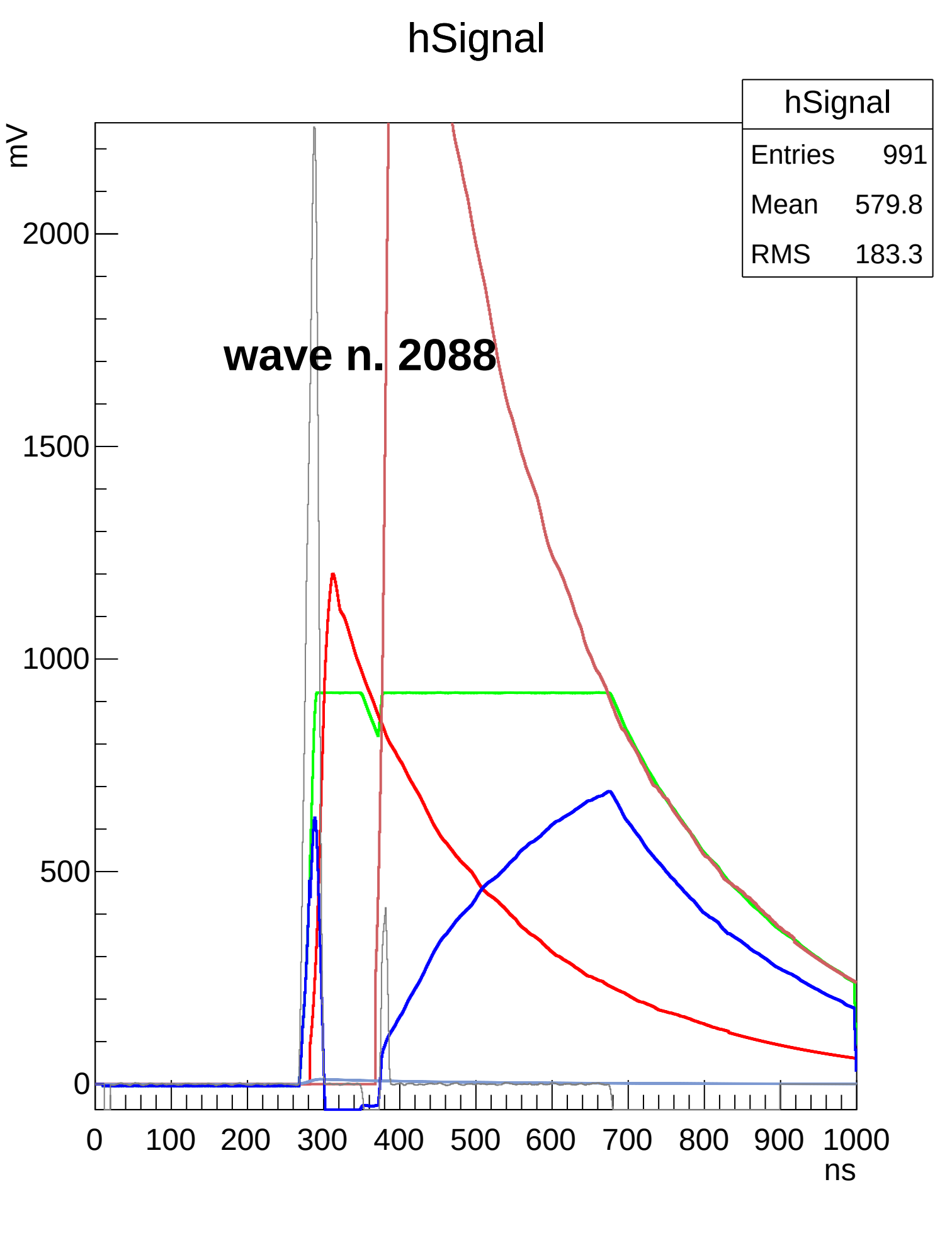
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

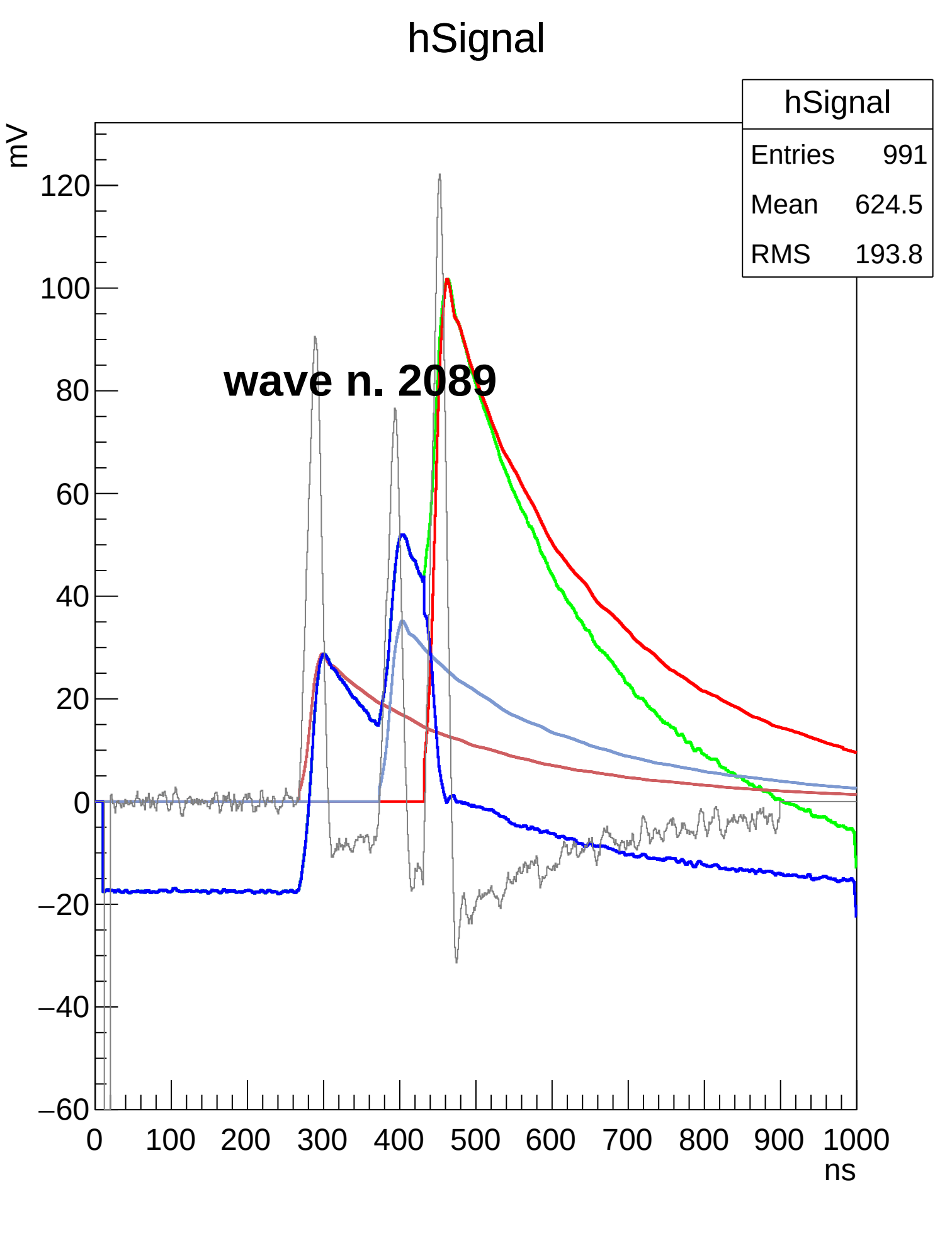

hSignal
hSignal
Entries 991
Mean 535.9
RMS 174
wave n. 2084
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

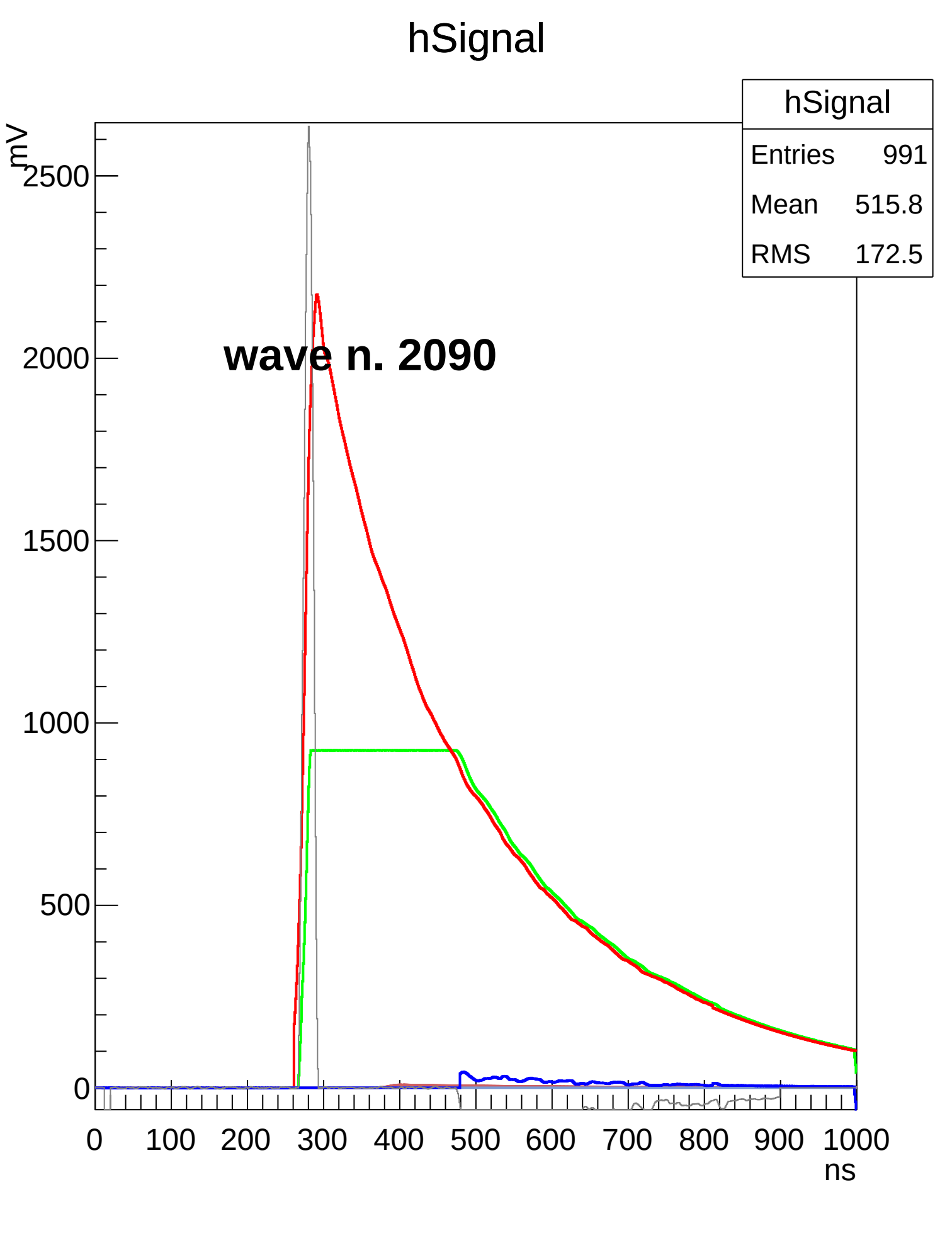

hSignal
hSignal
Entries 991
Mean 541.5
RMS 154.8
wave n. 2085
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

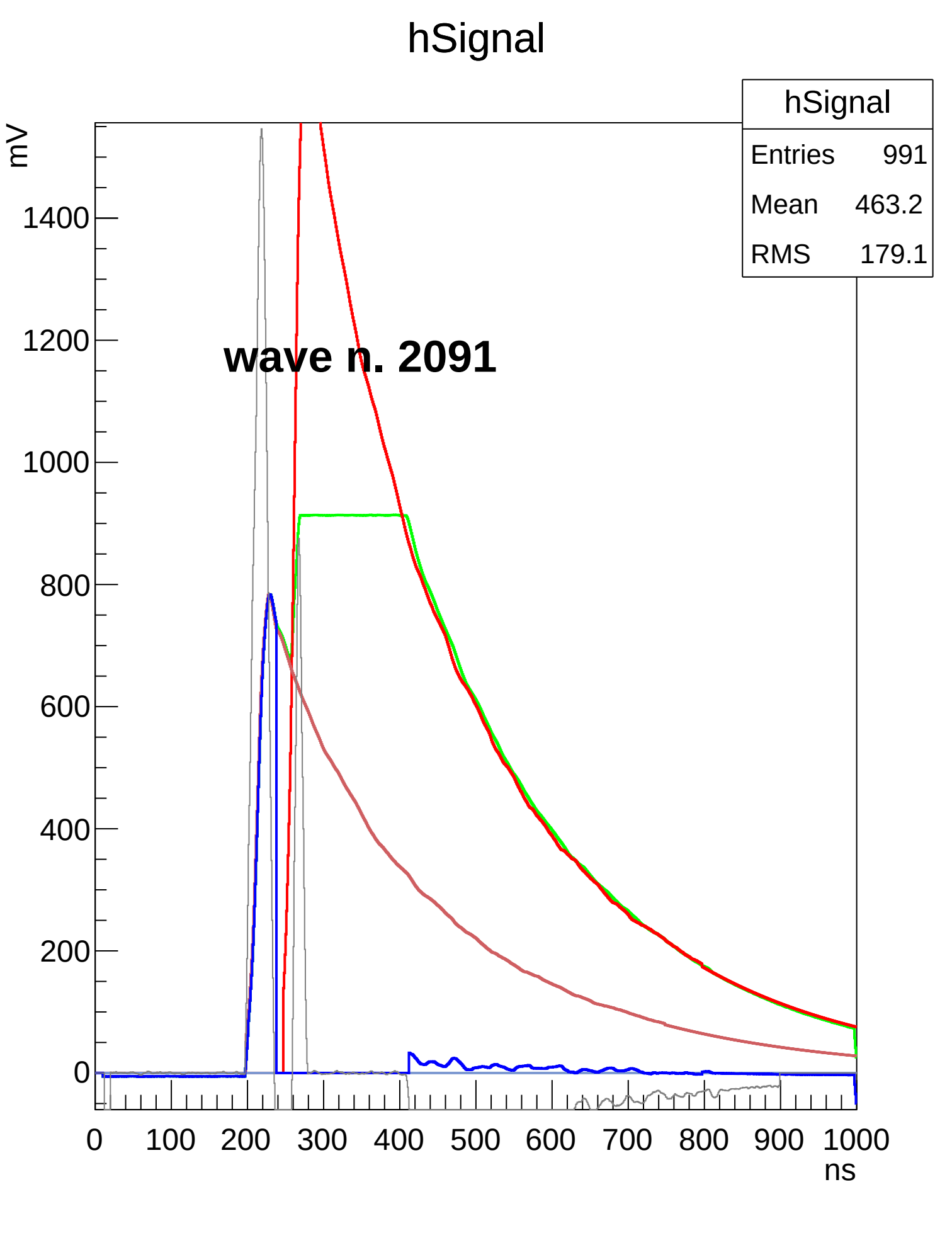

hSignal
hSignal
Entries 991
Mean 606.5
RMS 141.8
wave n. 2086
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

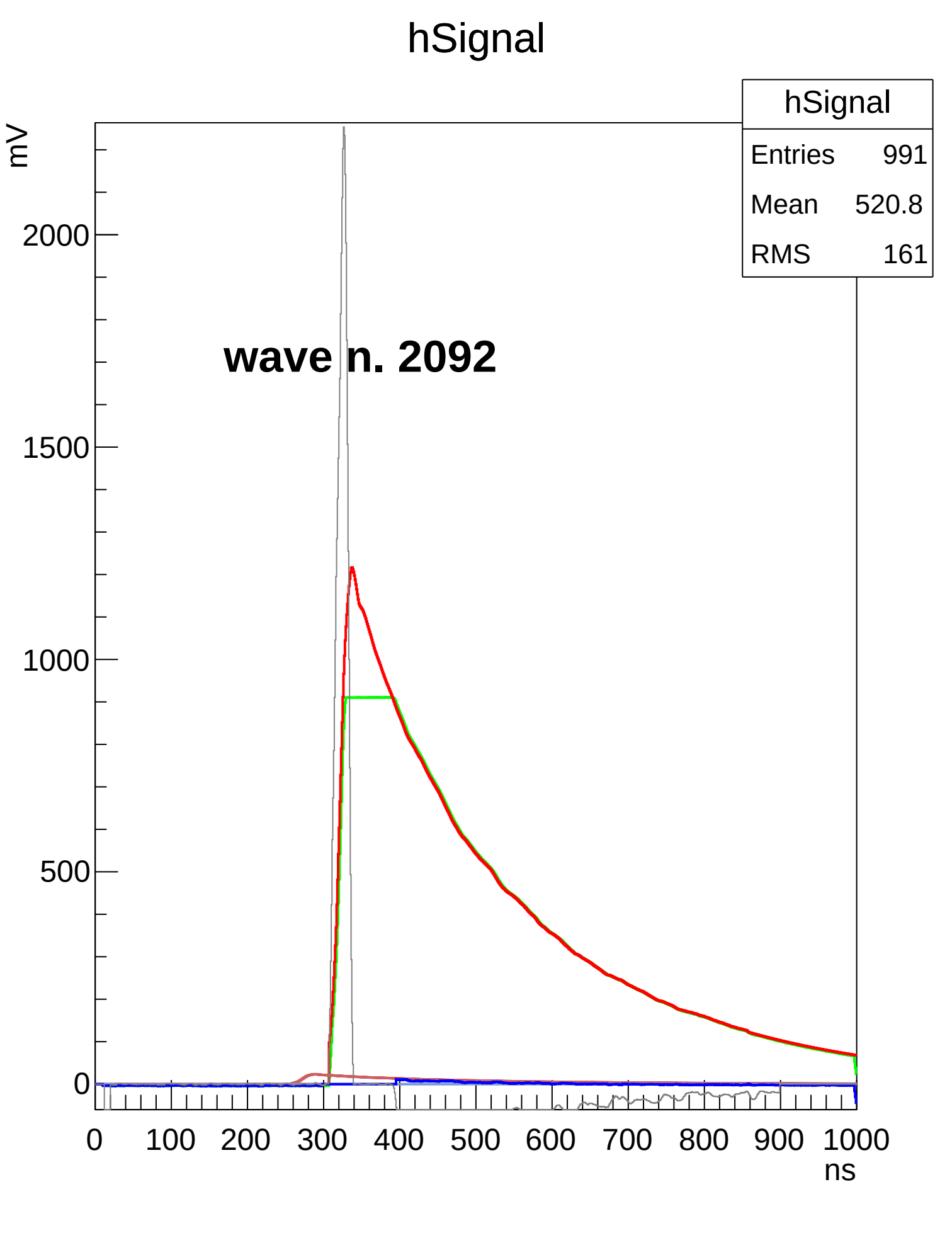

hSignal
hSignal
Entries 991
Mean 547.8
RMS 166.6
wave n. 2087
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

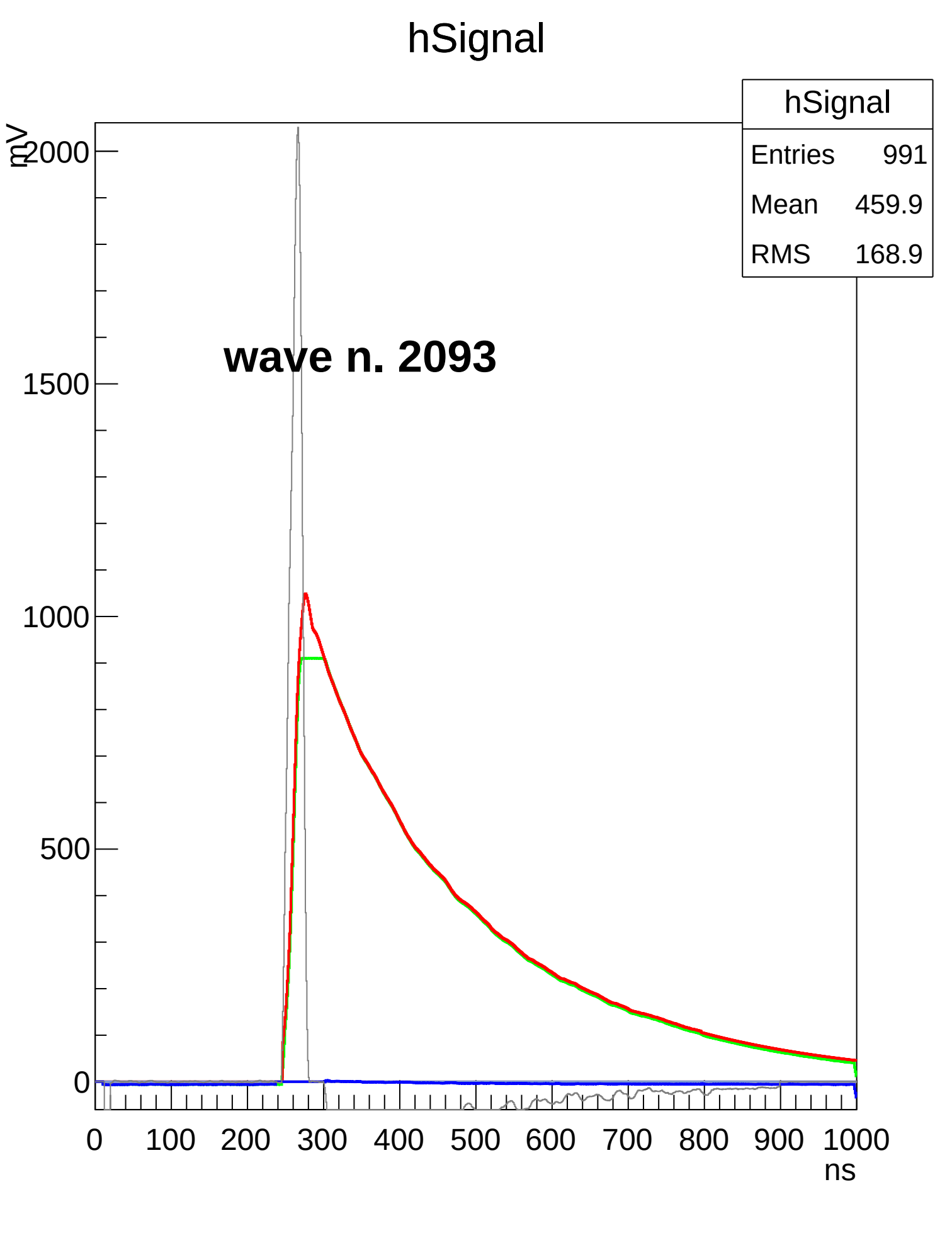

hSignal
hSignal
Entries 991
Mean 579.8
RMS 183.3
wave n. 2088
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 624.5
RMS 193.8
wave n. 2089
mV
120
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.8
RMS 172.5
wave n. 2090
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 463.2
RMS 179.1
wave n. 2091
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 520.8
RMS 161
wave n. 2092
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 459.9
RMS 168.9
wave n. 2093
mV
2000
1500
1000
500
0
0
100
200
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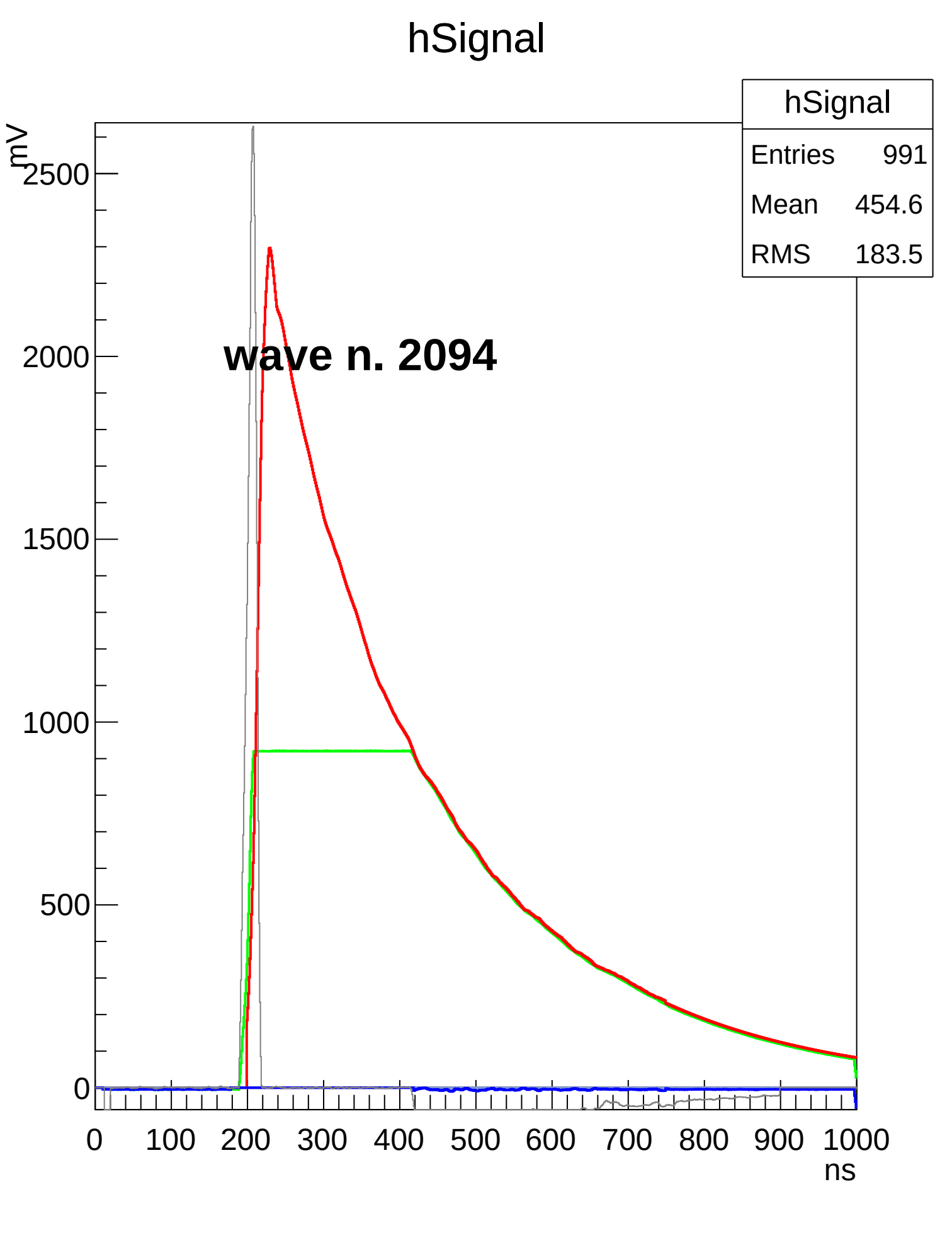
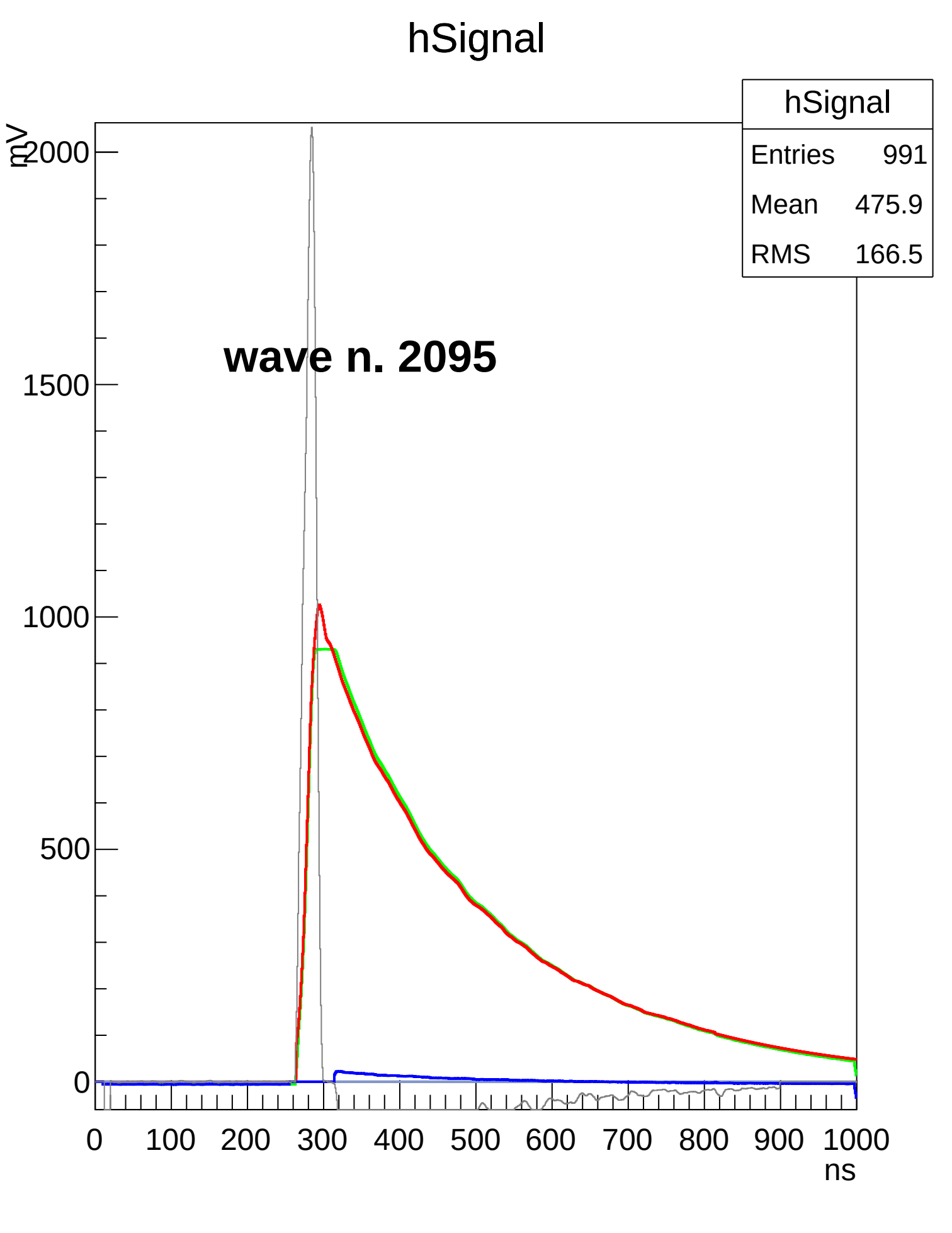
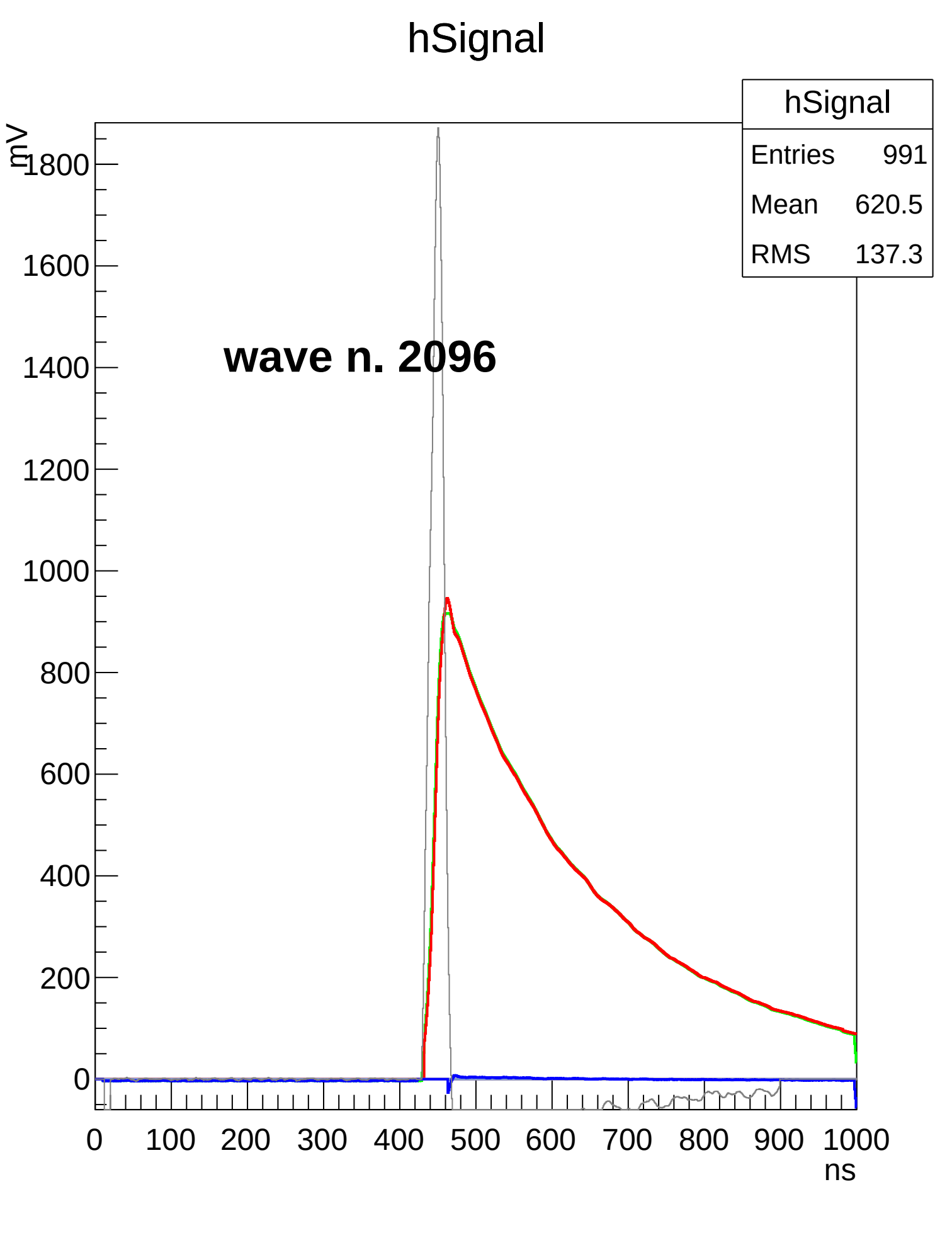
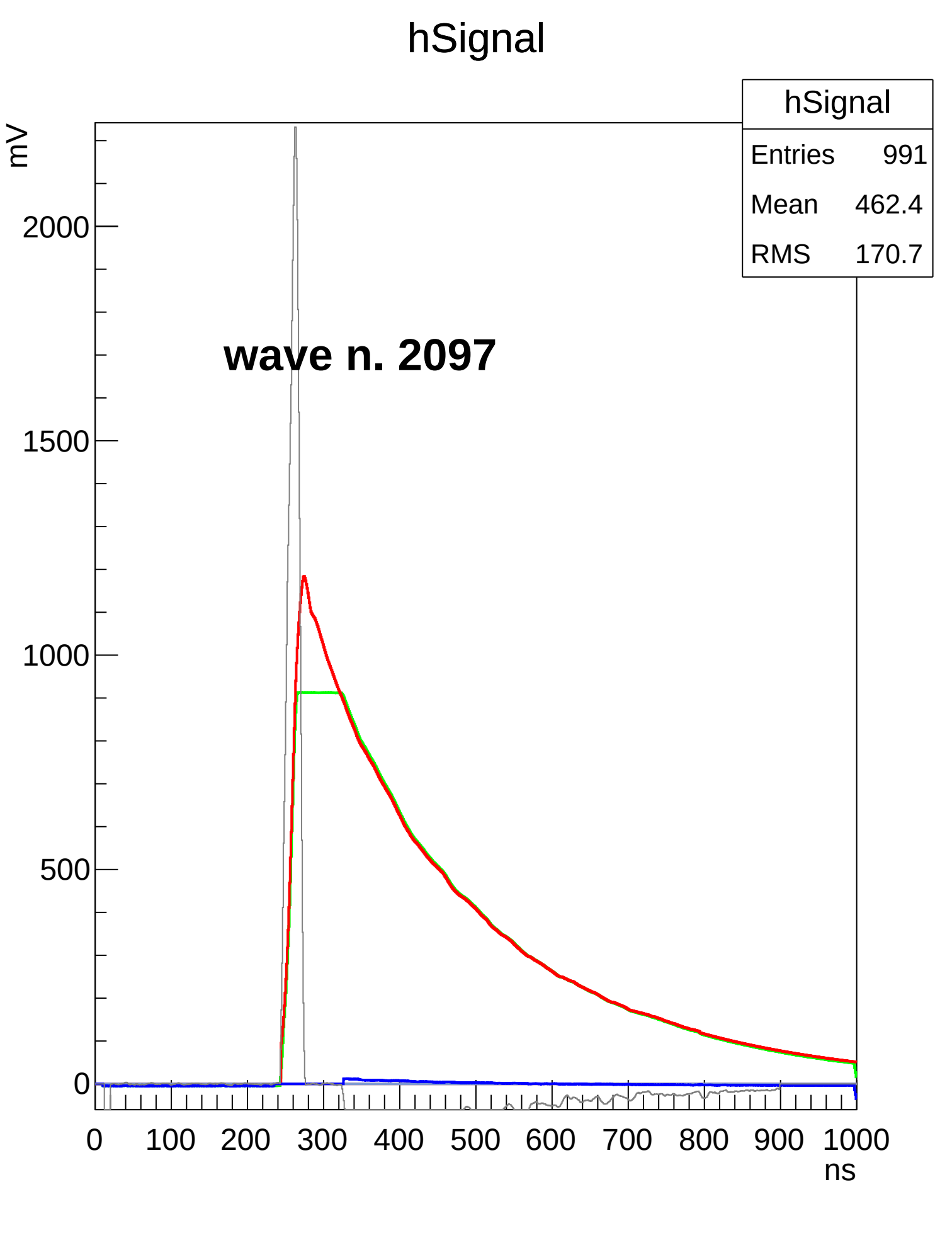
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 454.6
RMS 183.5
wave n. 2094
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 475.9
RMS 166.5
wave n. 2095
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 620.5
RMS 137.3
wave n. 2096
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 462.4
RMS 170.7
wave n. 2097
mV
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1500
1000
500
0
0
100
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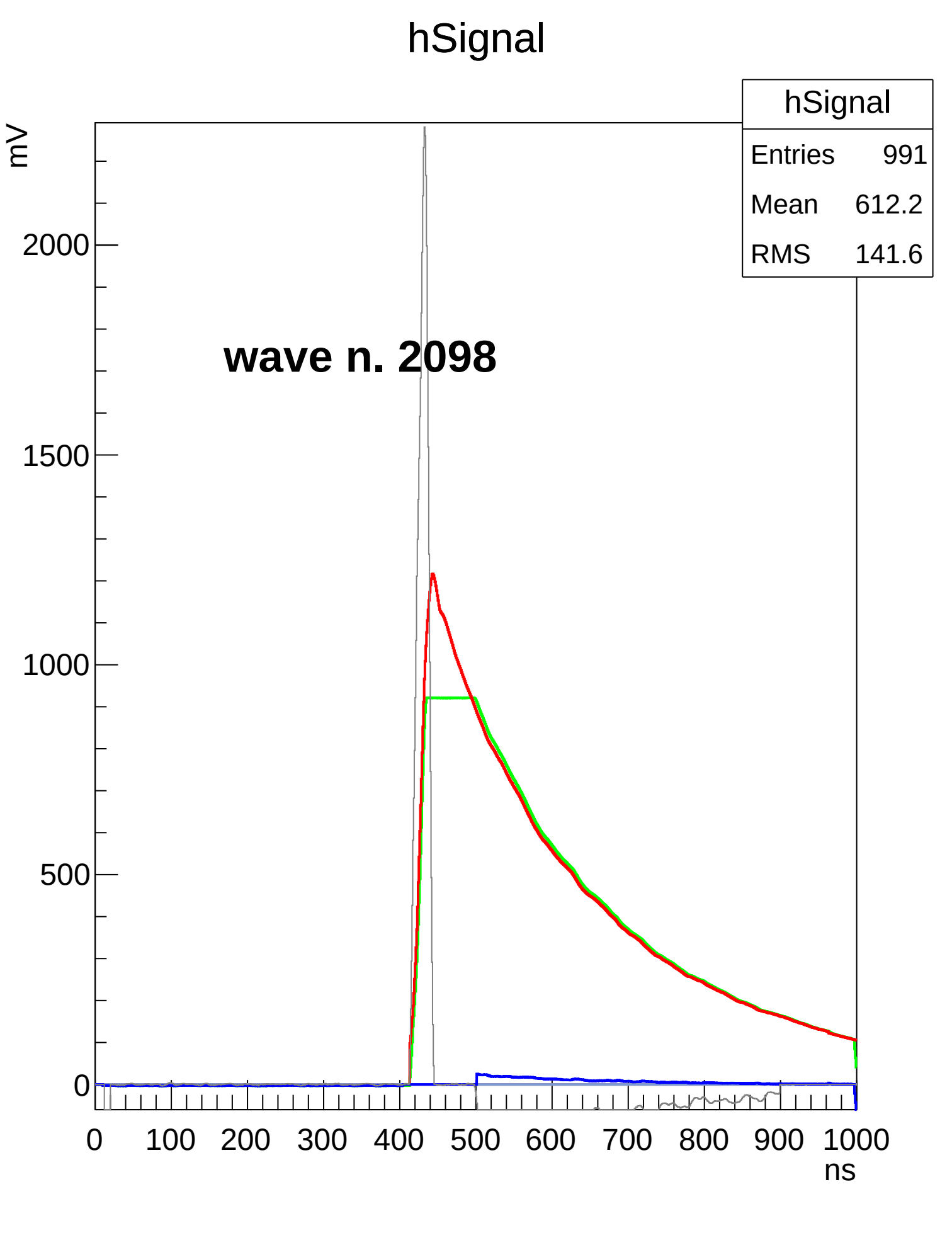
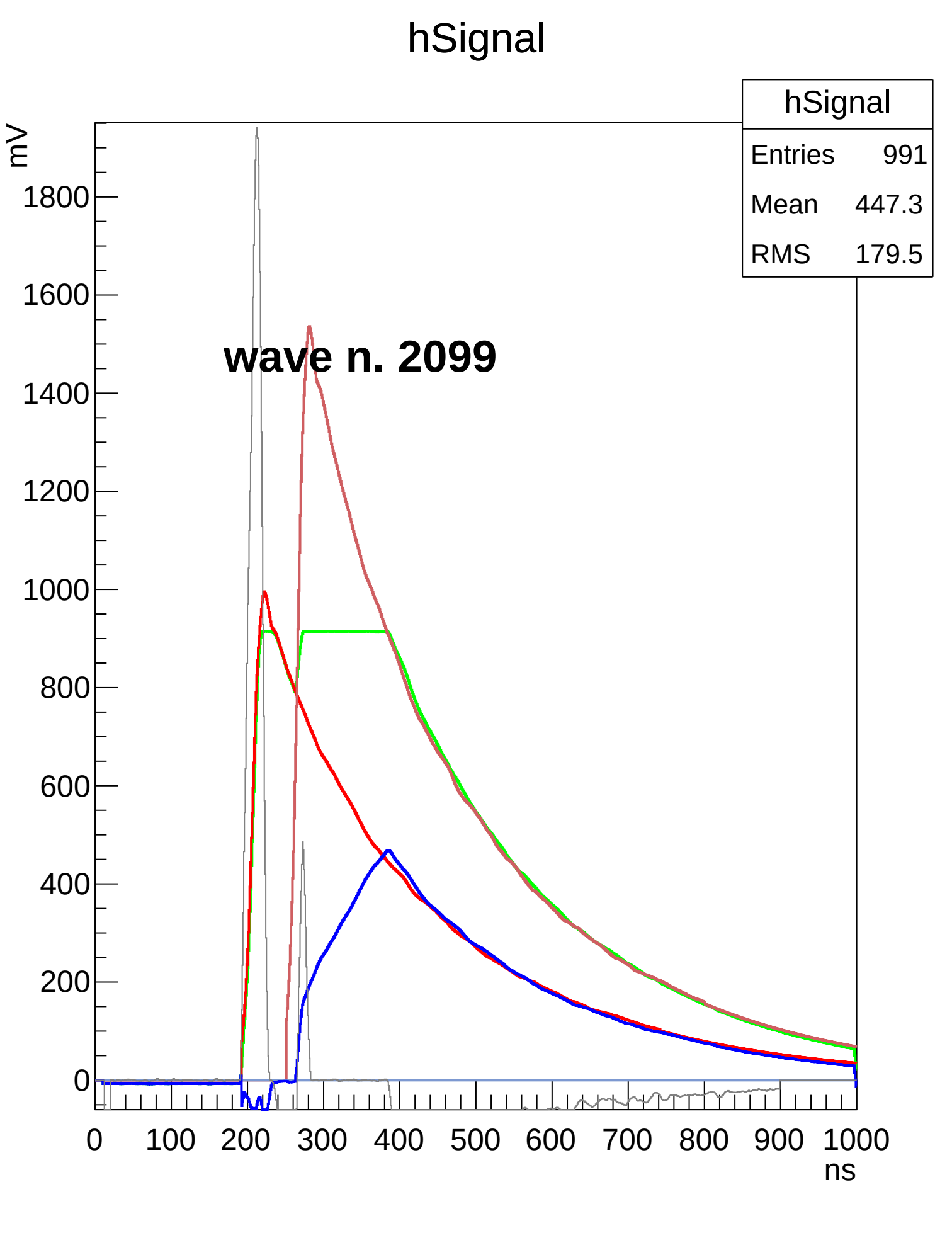
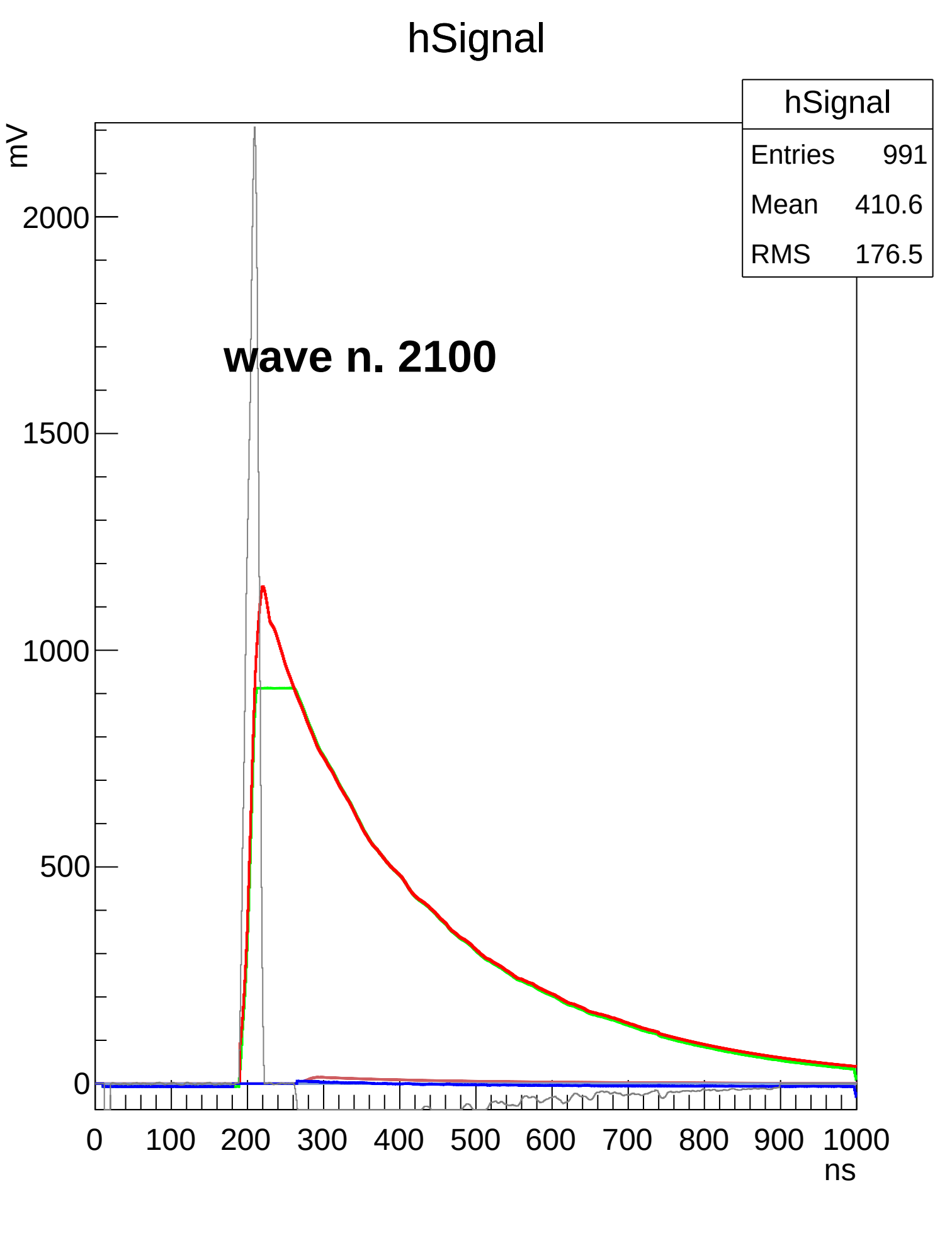
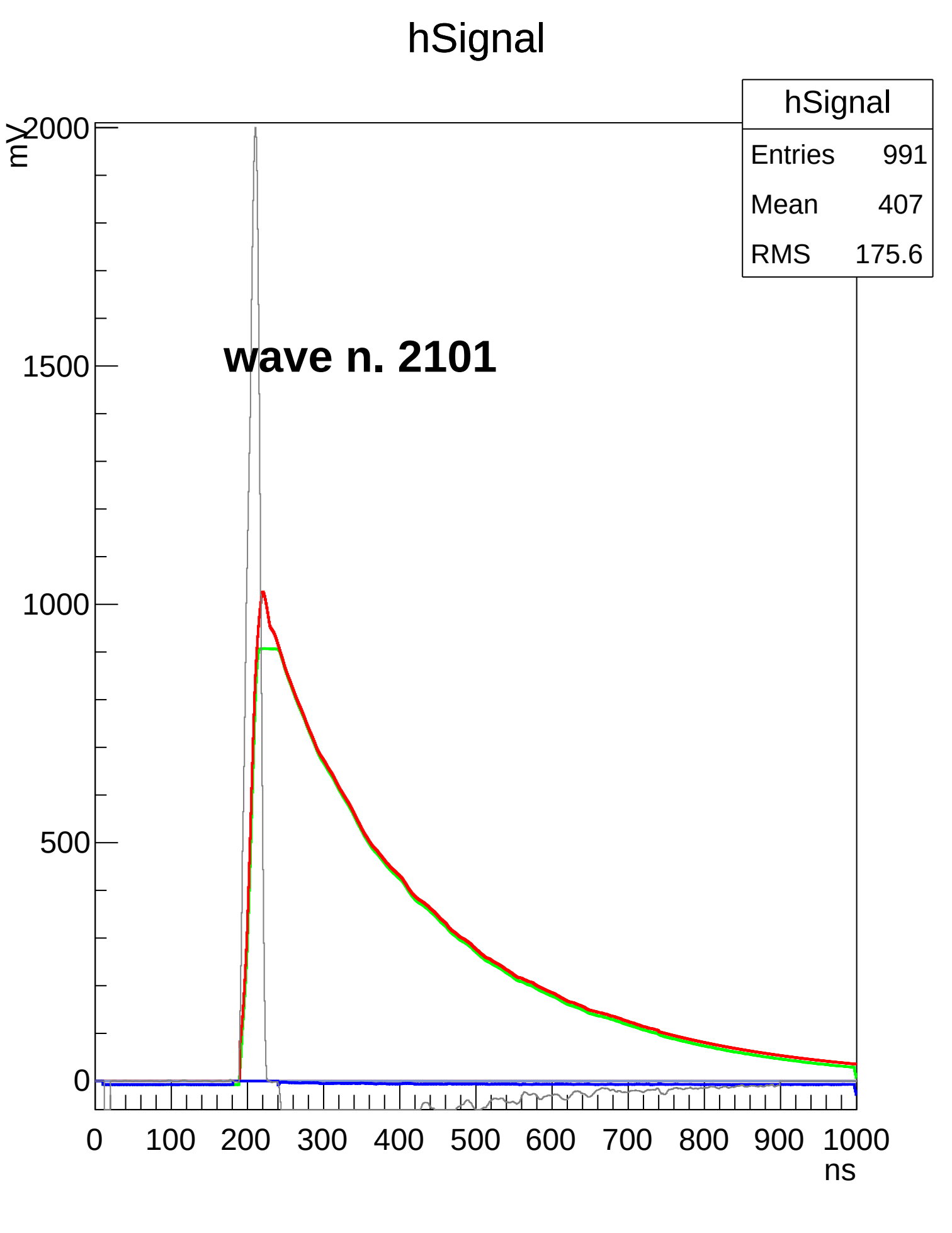
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 612.2
RMS 141.6
wave n. 2098
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 447.3
RMS 179.5
wave n. 2099
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 410.6
RMS 176.5
wave n. 2100
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 407
RMS 175.6
wave n. 2101
mV
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1500
1000
500
0
0
100
200
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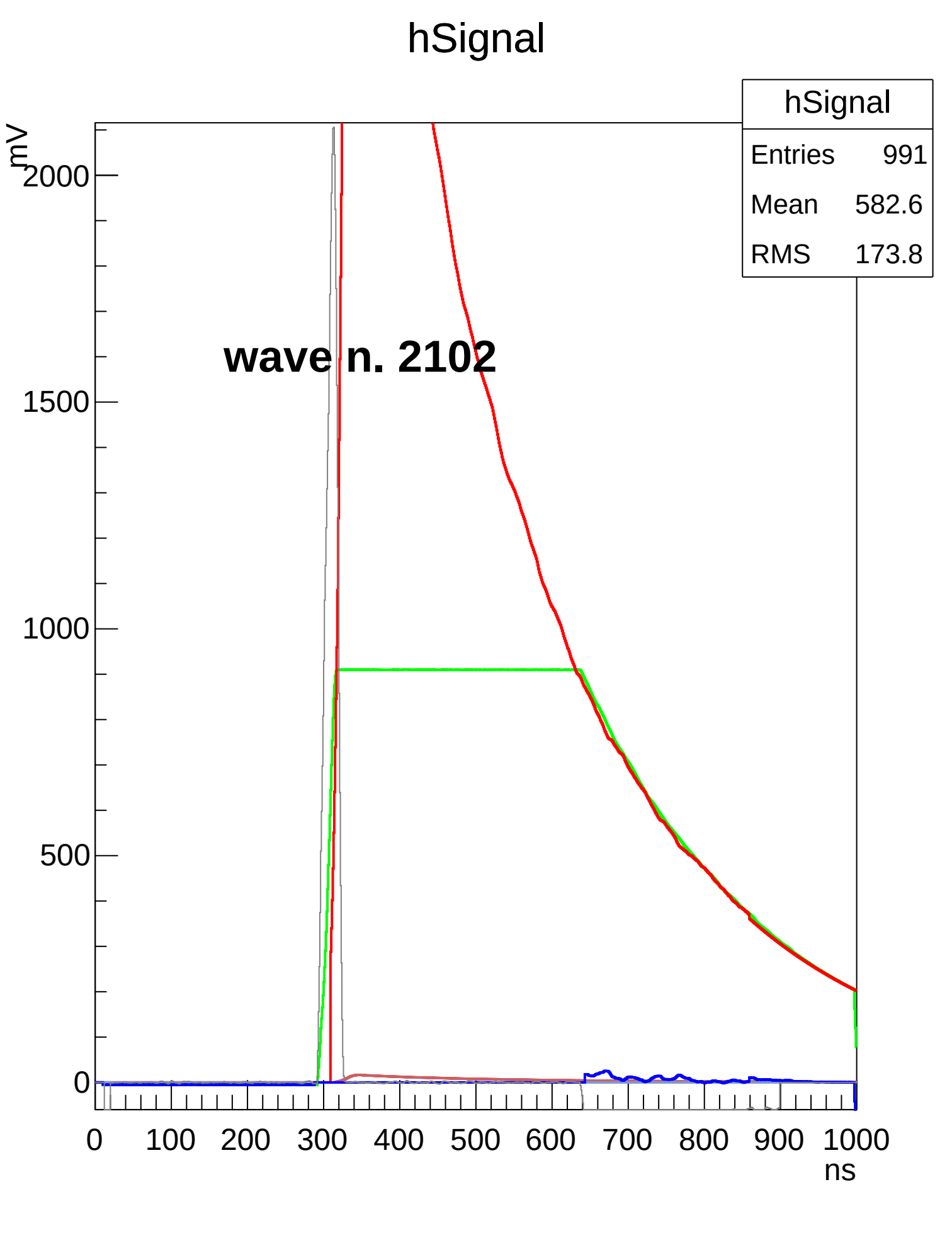
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 582.6
RMS 173.8
wave n. 2102
mV
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1500
1000
500
0
0
100
200
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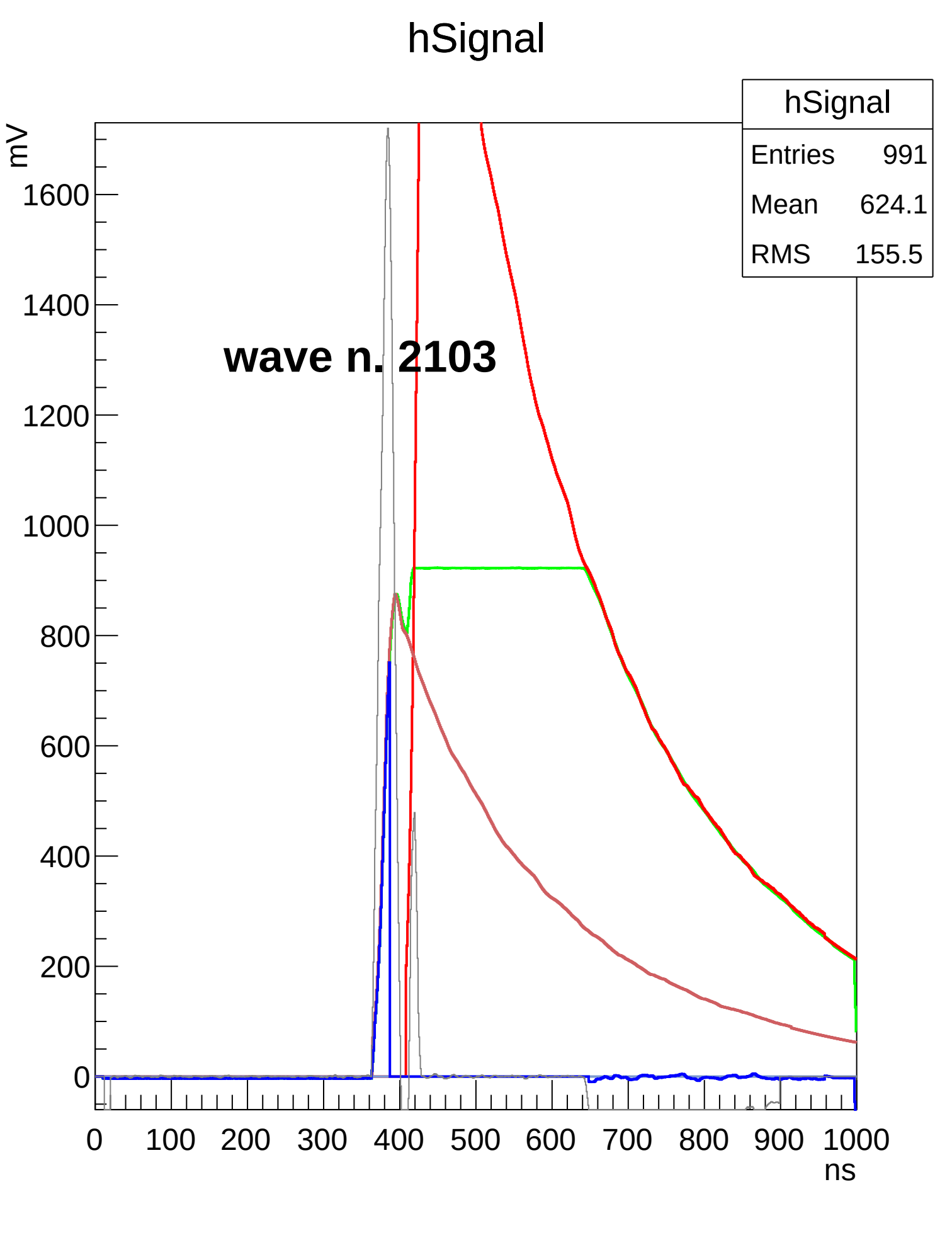
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 624.1
RMS 155.5
wave n. 2103
mV
1600
1400
1200
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800
600
400
200
0
0
100
200
300
400
500
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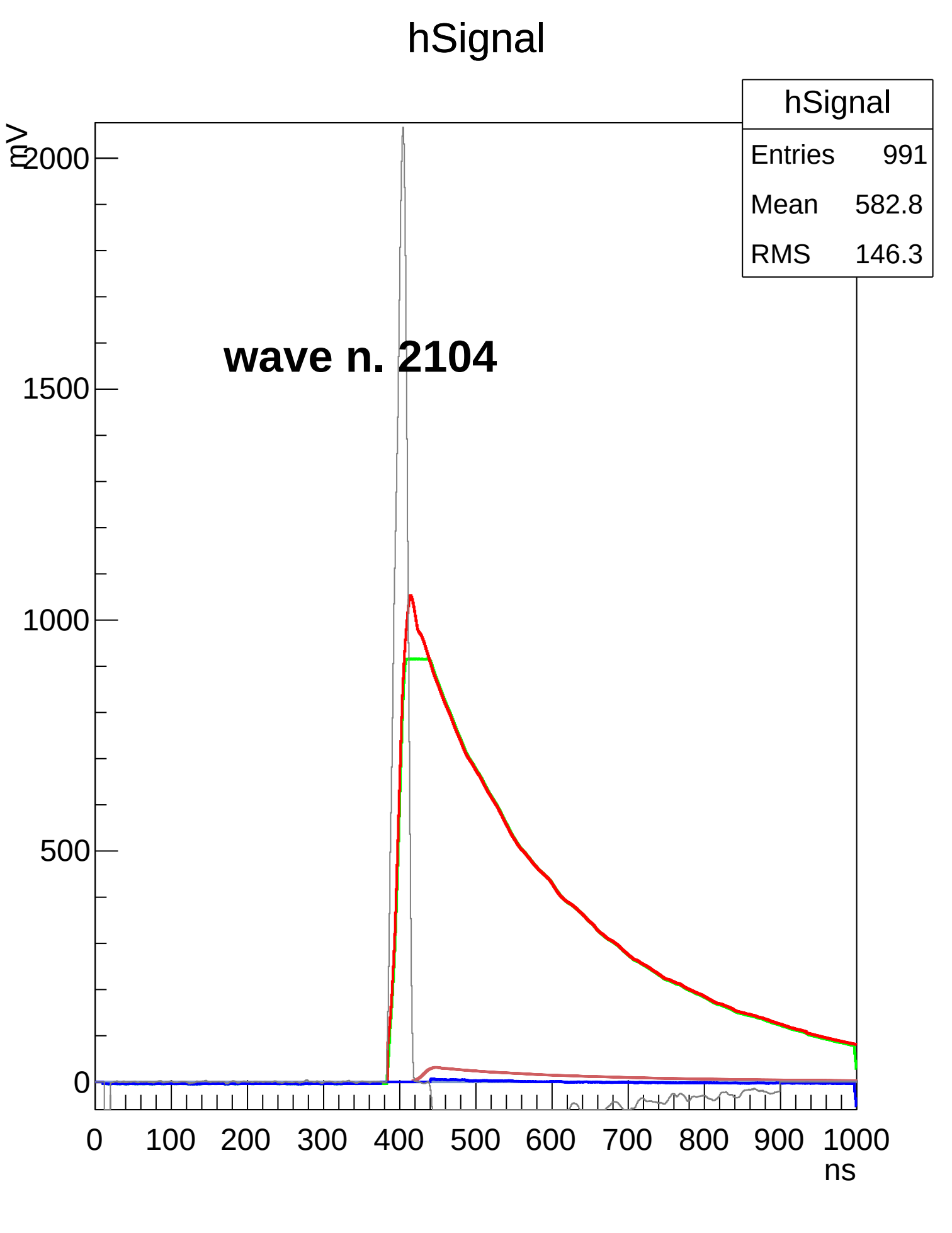
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 582.8
RMS 146.3
wave n. 2104
mV
2000
1500
1000
500
0
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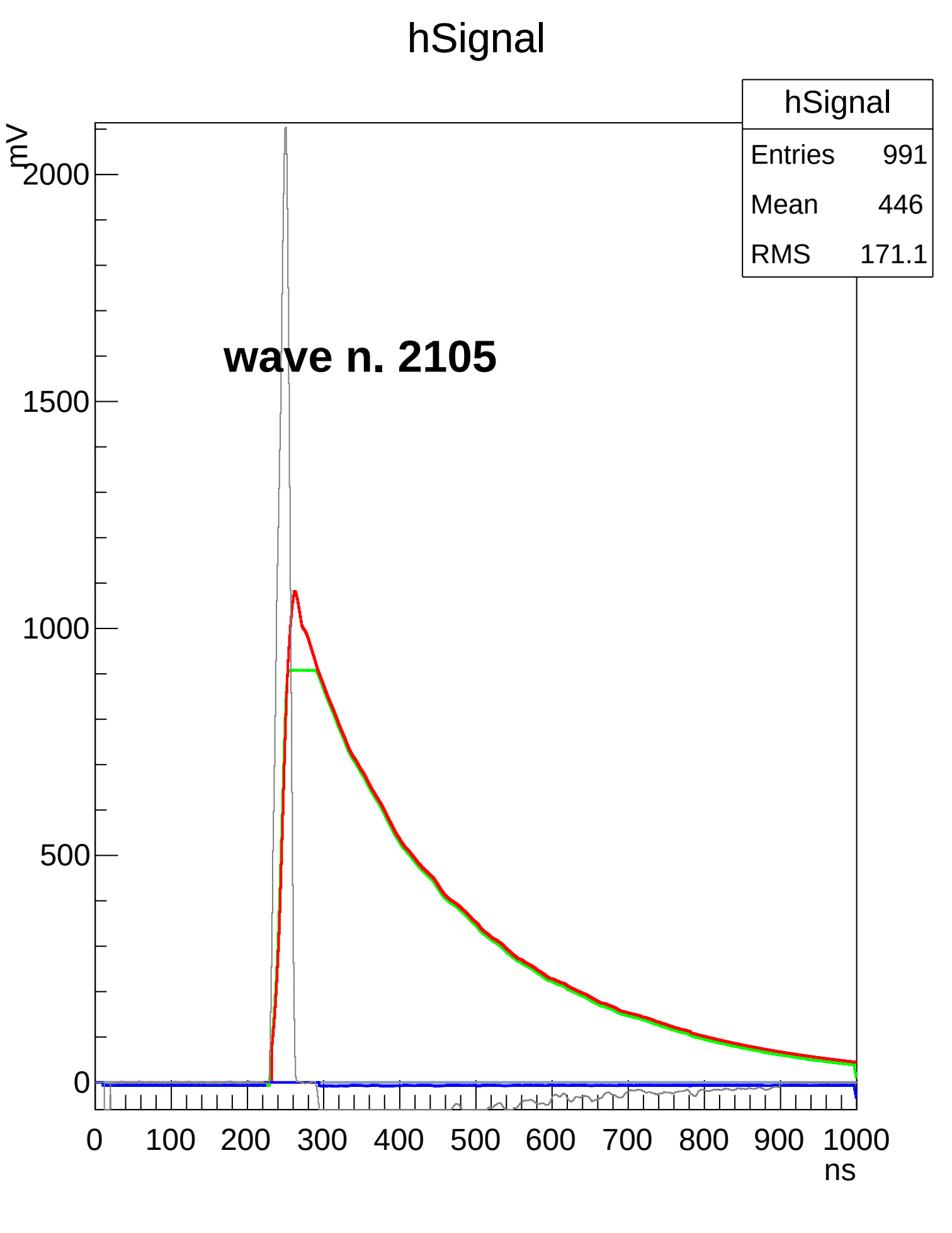
ns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hSignal
Entries 991
Mean 446
RMS 171.1
wave n. 2105
mV
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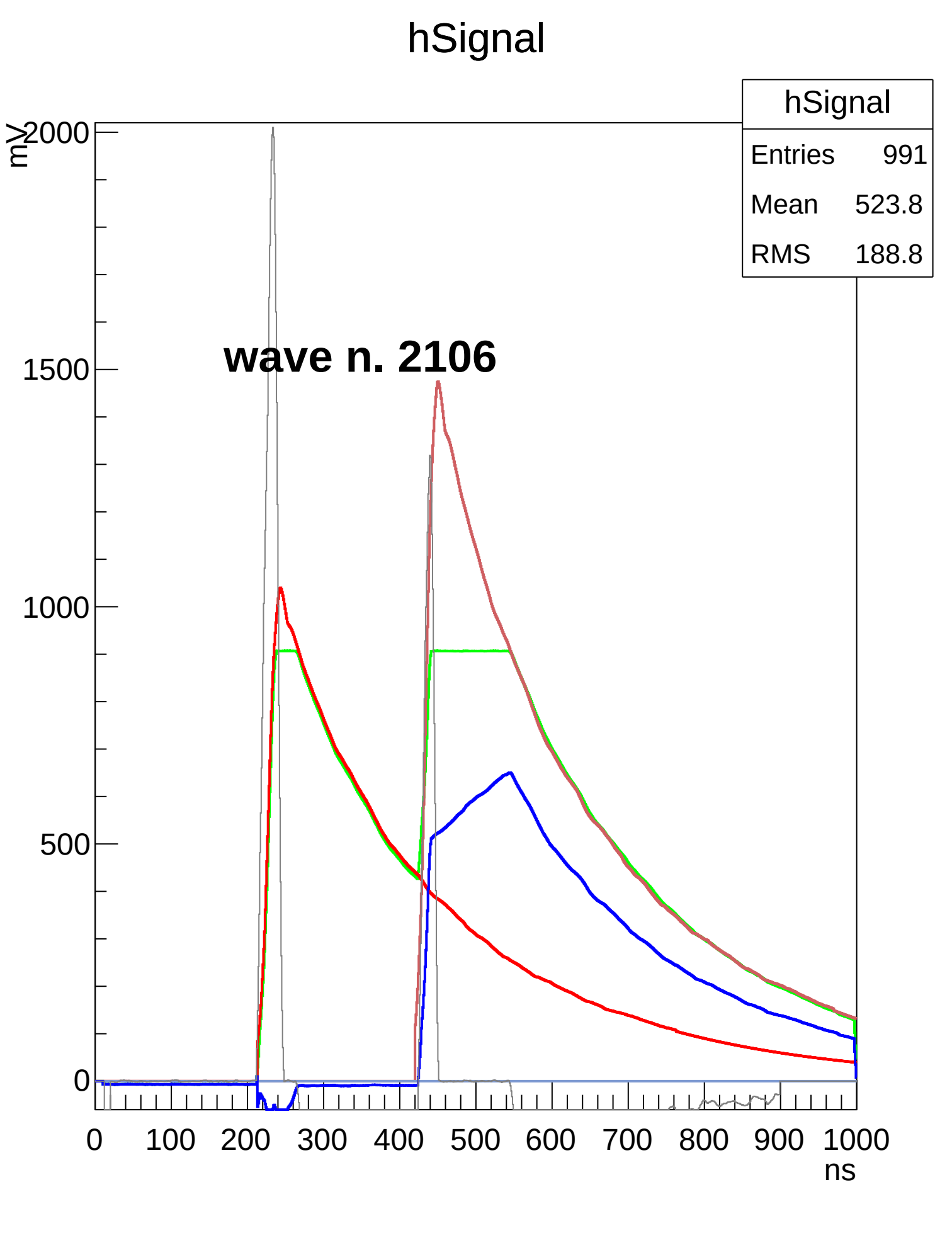
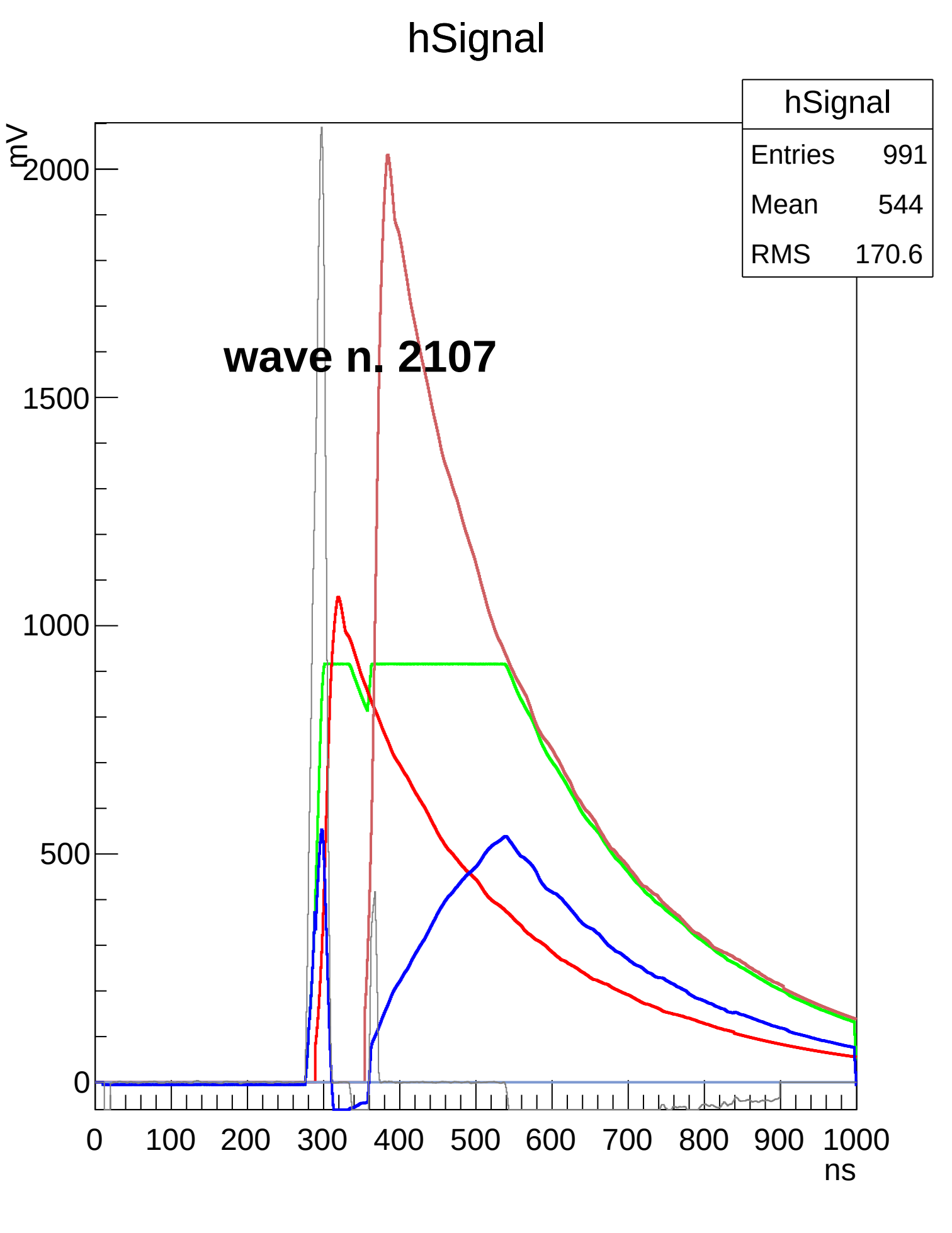
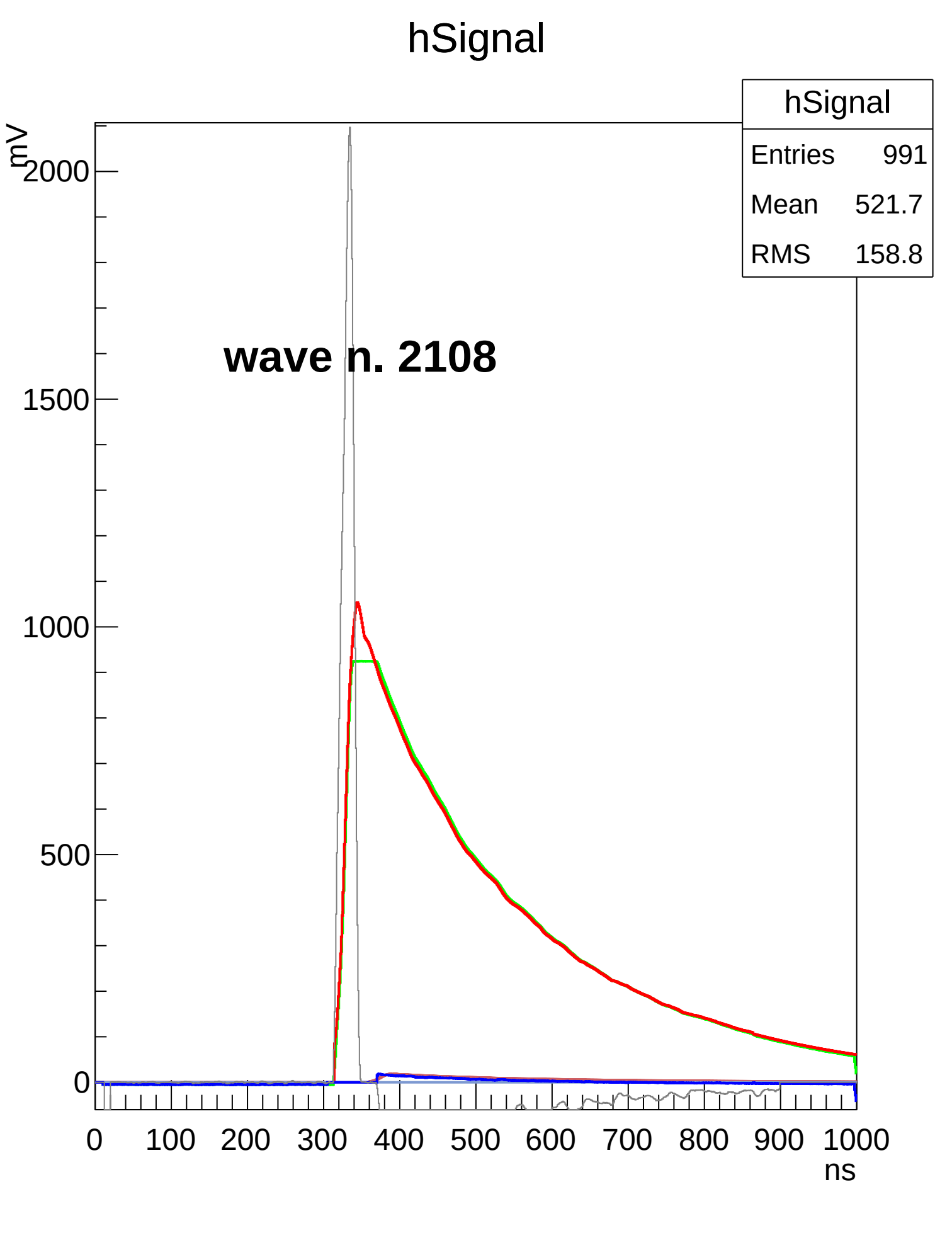
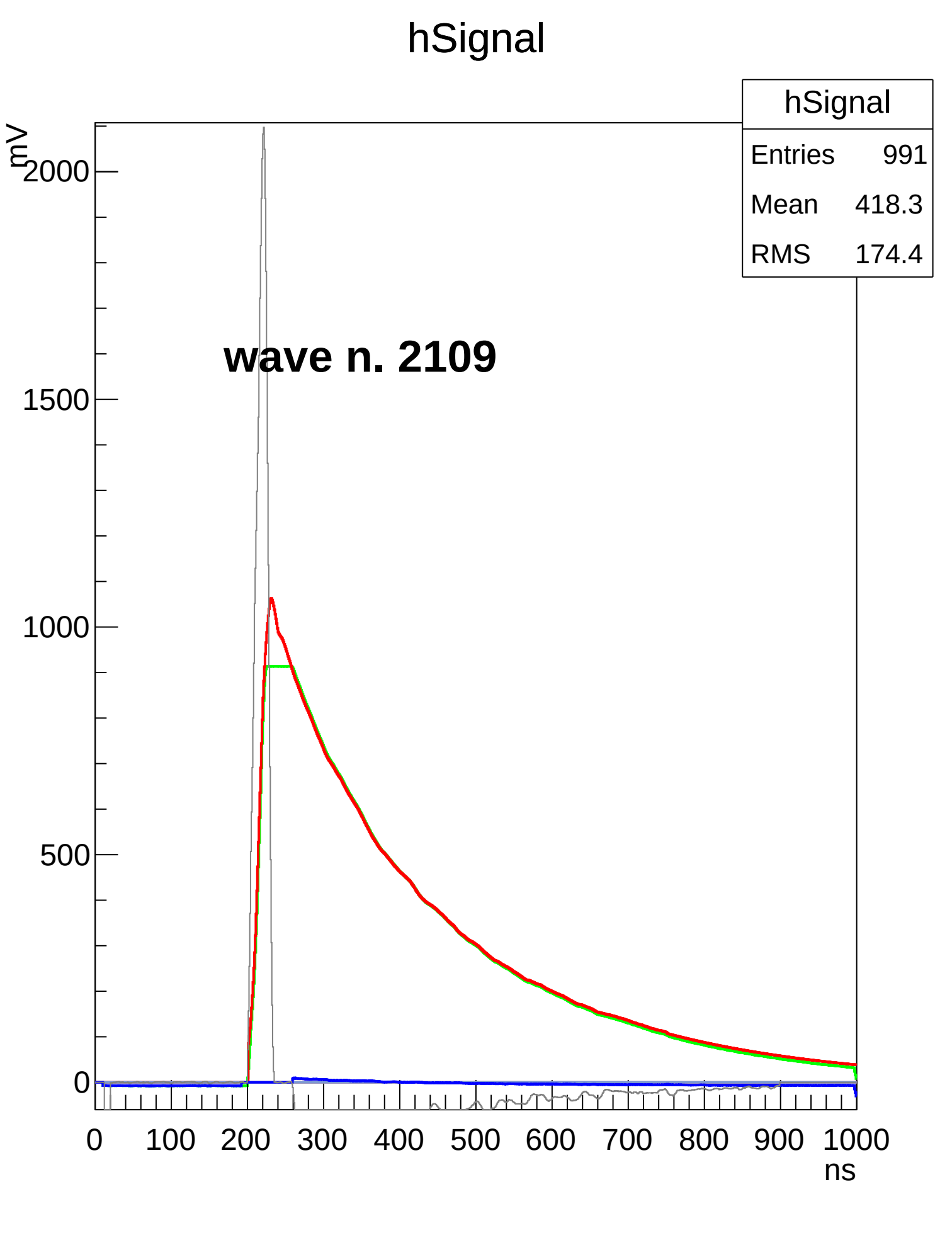
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 523.8
RMS 188.8
wave n. 2106
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 544
RMS 170.6
wave n. 2107
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 521.7
RMS 158.8
wave n. 2108
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 418.3
RMS 174.4
wave n. 2109
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0
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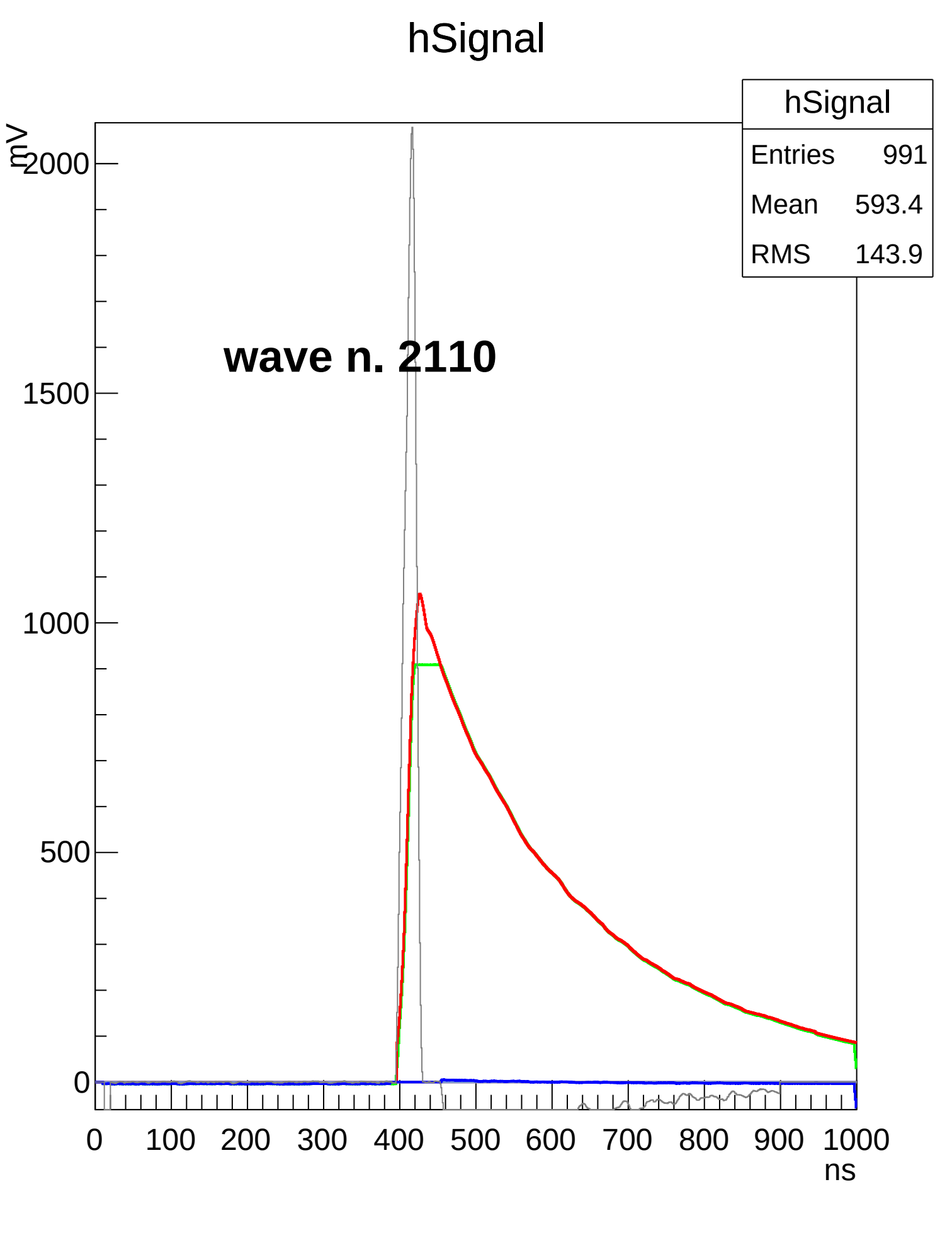
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 593.4
RMS 143.9
wave n. 2110
mV
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1500
1000
500
0
0
100
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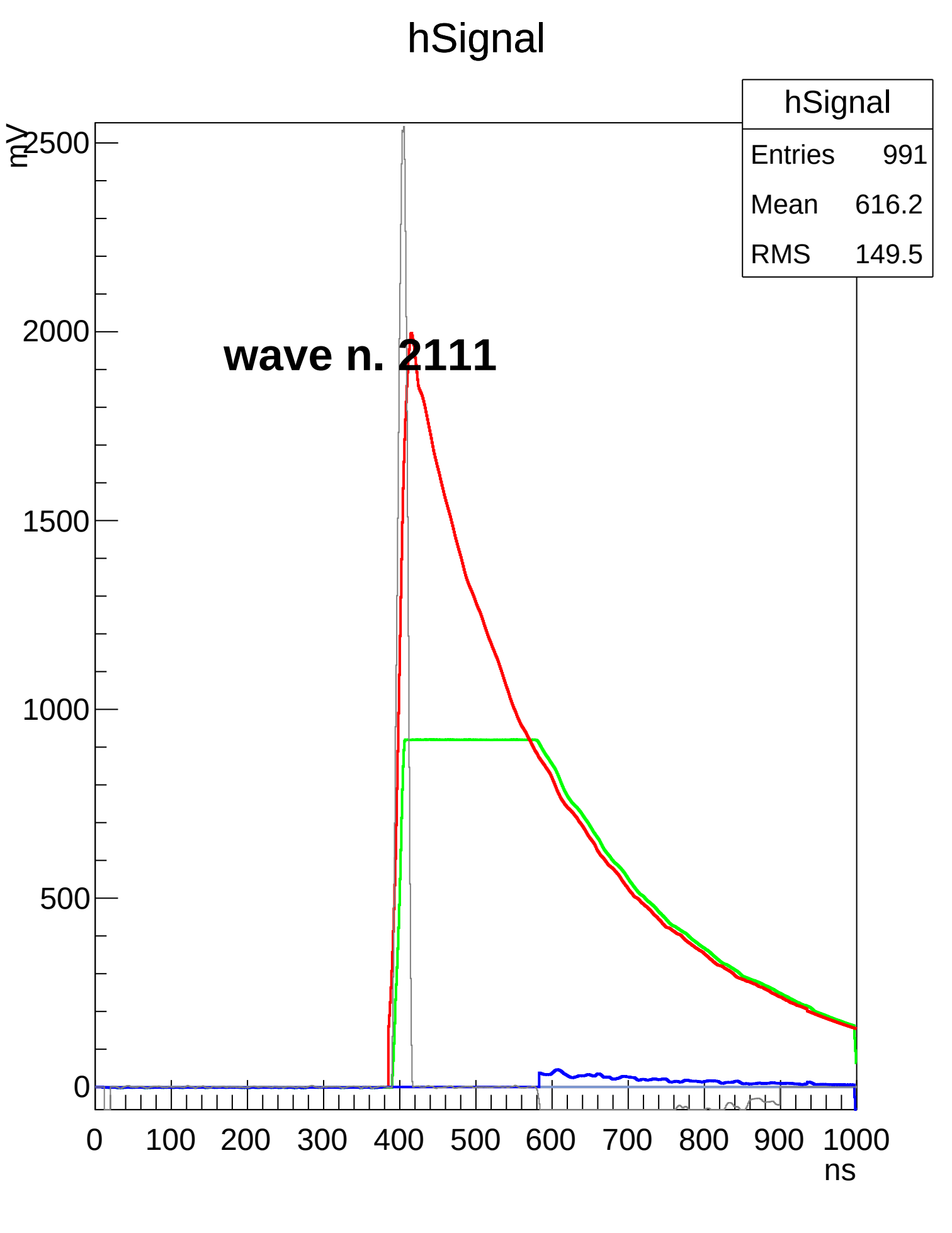
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 616.2
RMS 149.5
wave n. 2111
mV
2500
2000
1500
1000
500
0
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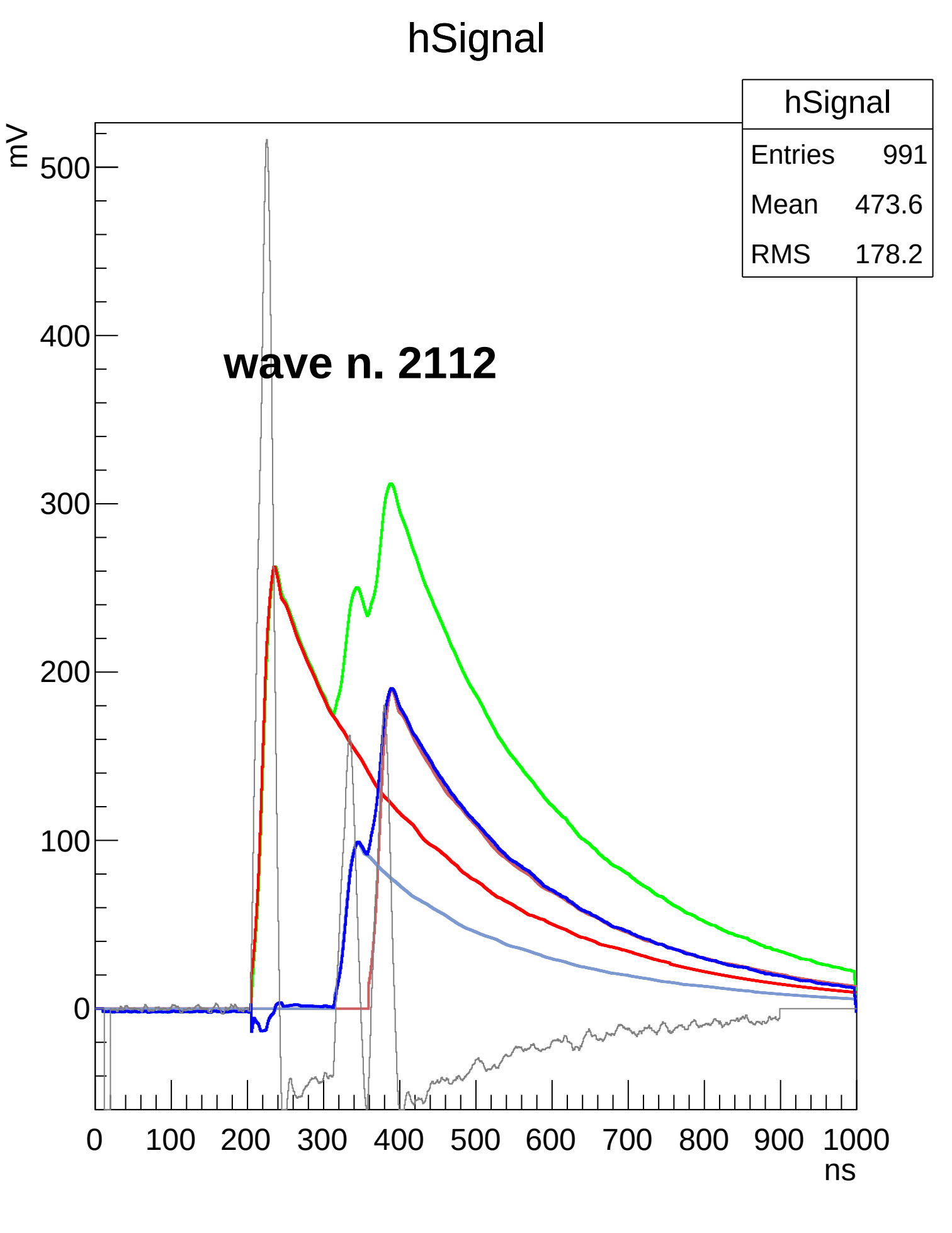
ns


hSignal
hSignal
Entries 991
Mean 473.6
RMS 178.2
wave n. 2112
mV
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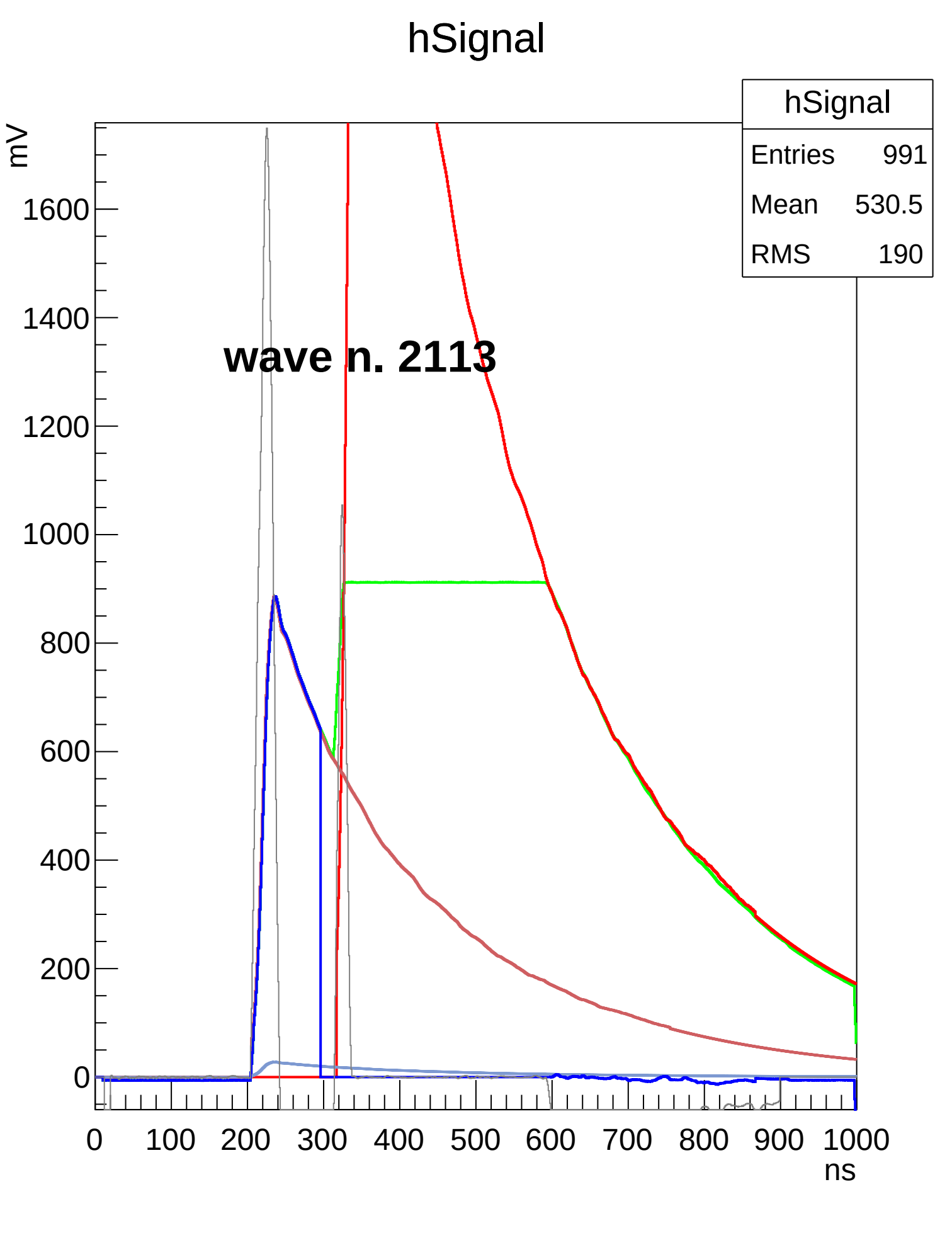
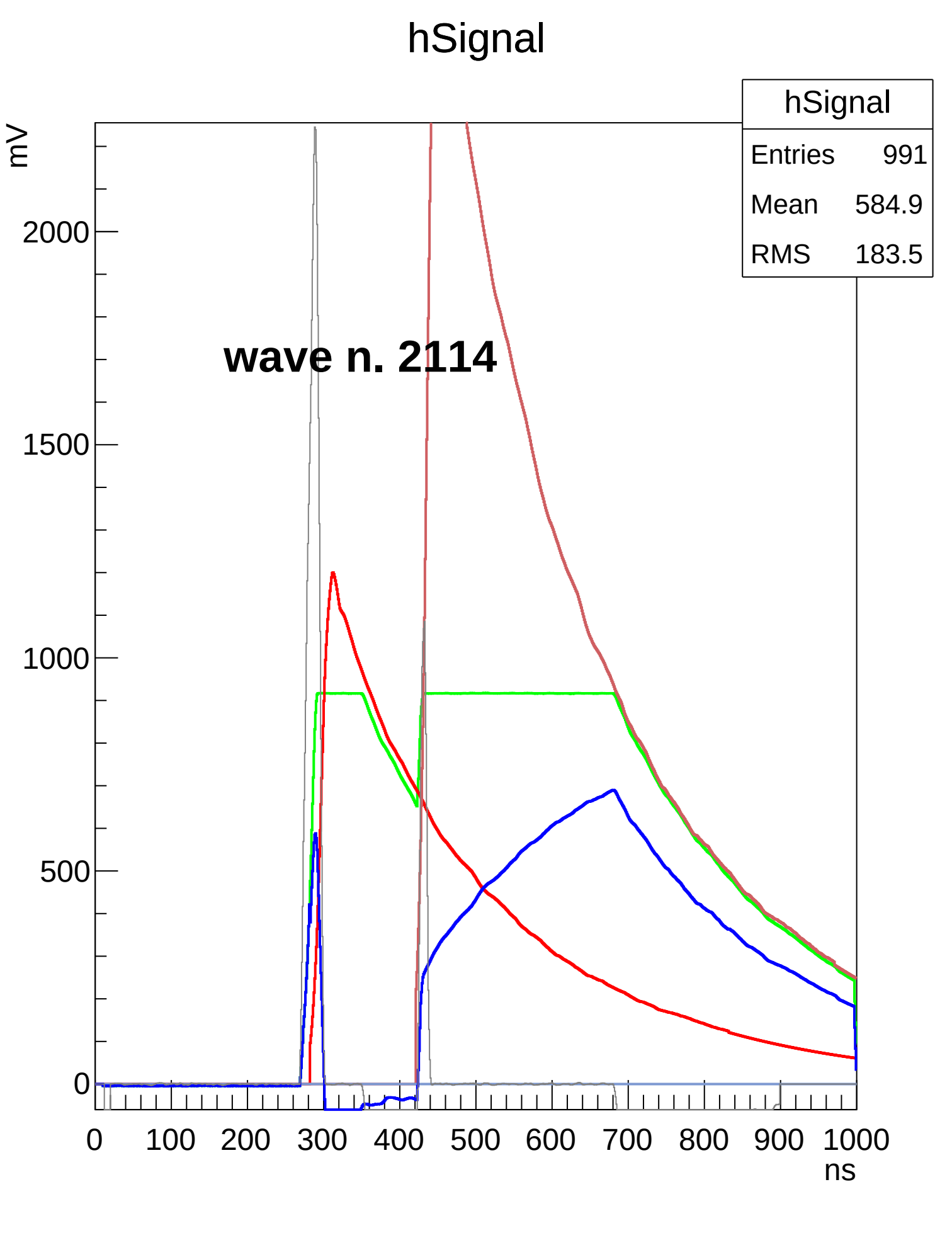
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.5
RMS 190
wave n. 2113
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 584.9
RMS 183.5
wave n. 2114
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1000
500
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100
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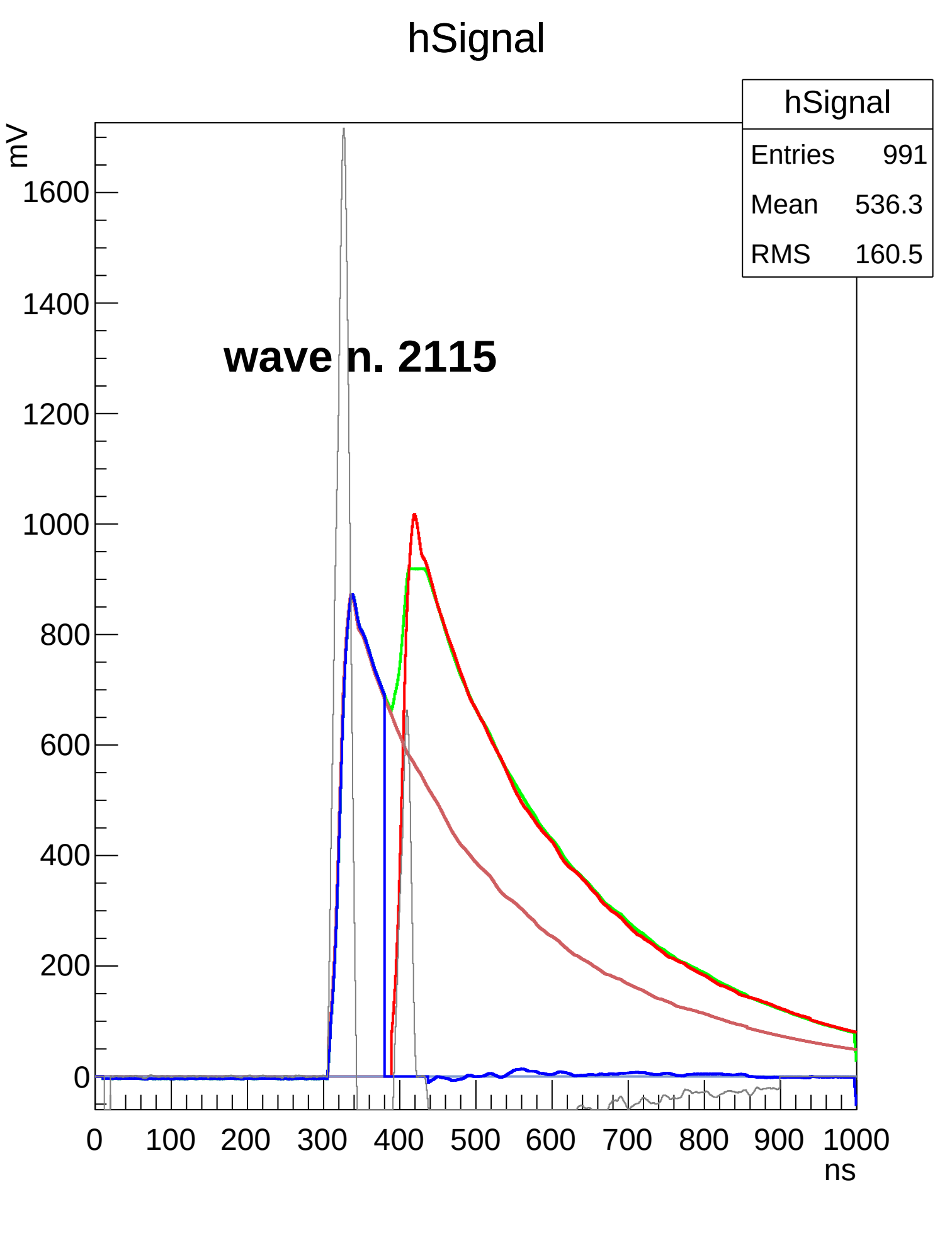
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 536.3
RMS 160.5
wave n. 2115
mV
1600
1400
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1000
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600
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200
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400
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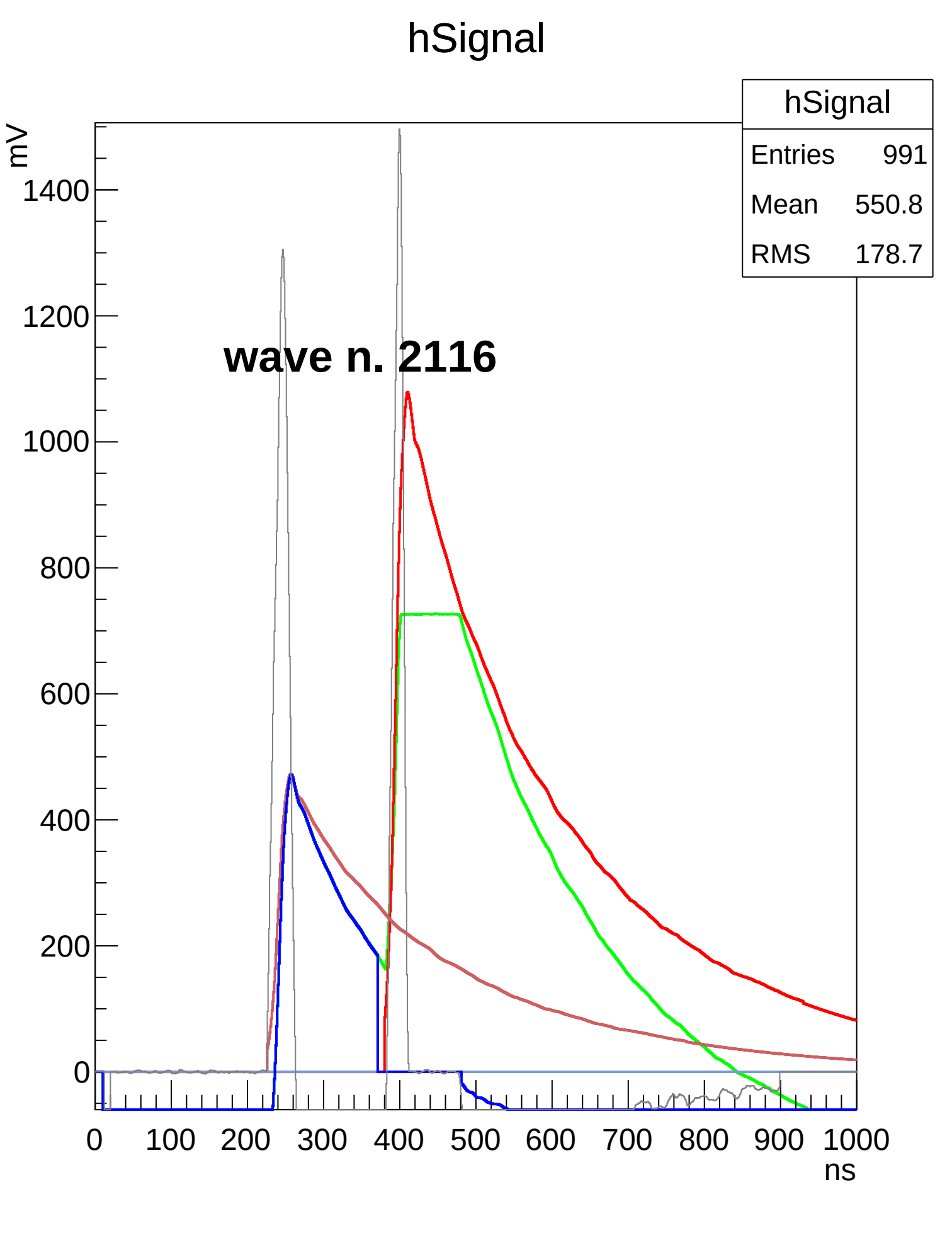
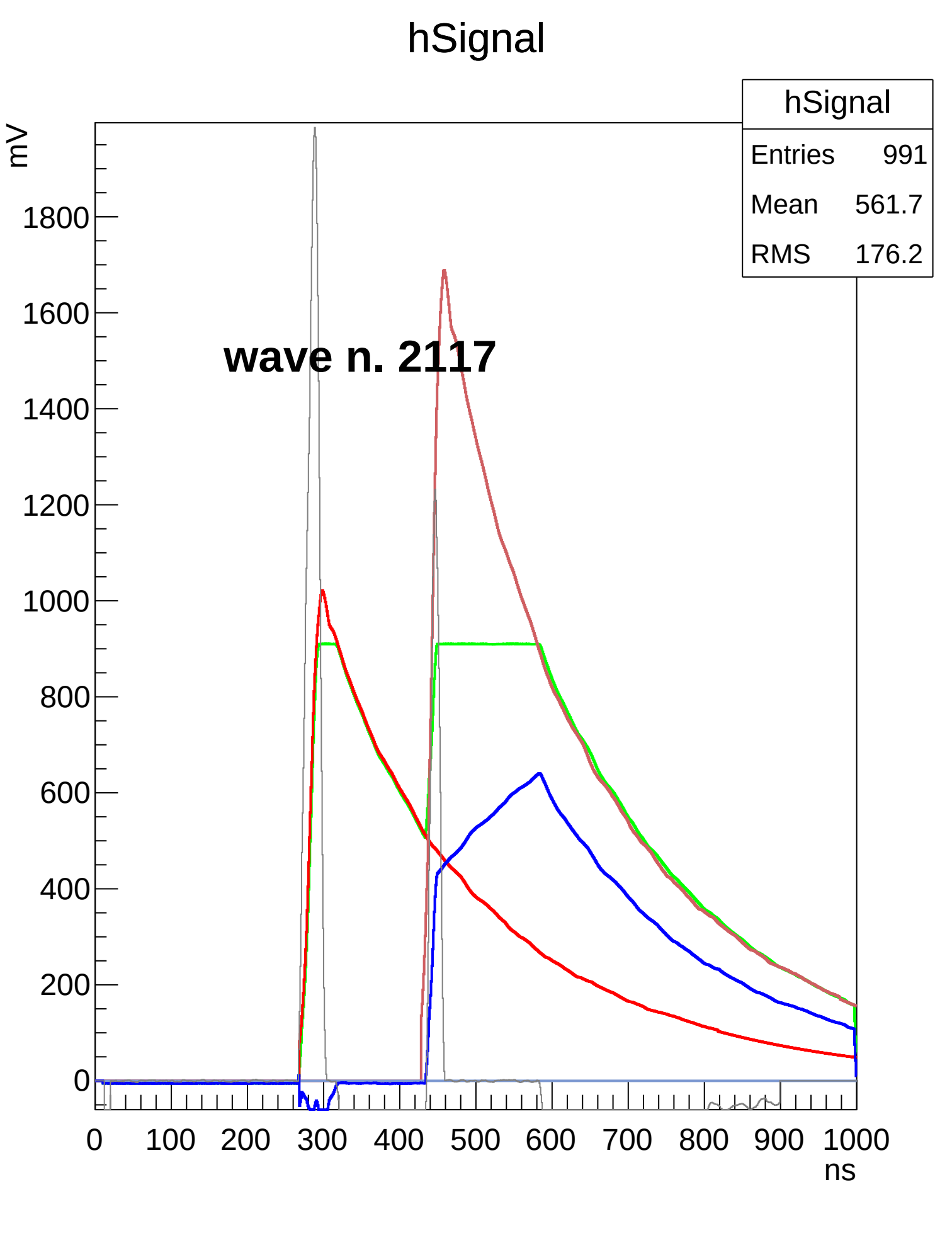
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.8
RMS 178.7
wave n. 2116
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.7
RMS 176.2
wave n. 2117
mV
1800
1600
1400
1200
1000
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600
400
200
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0
100
200
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400
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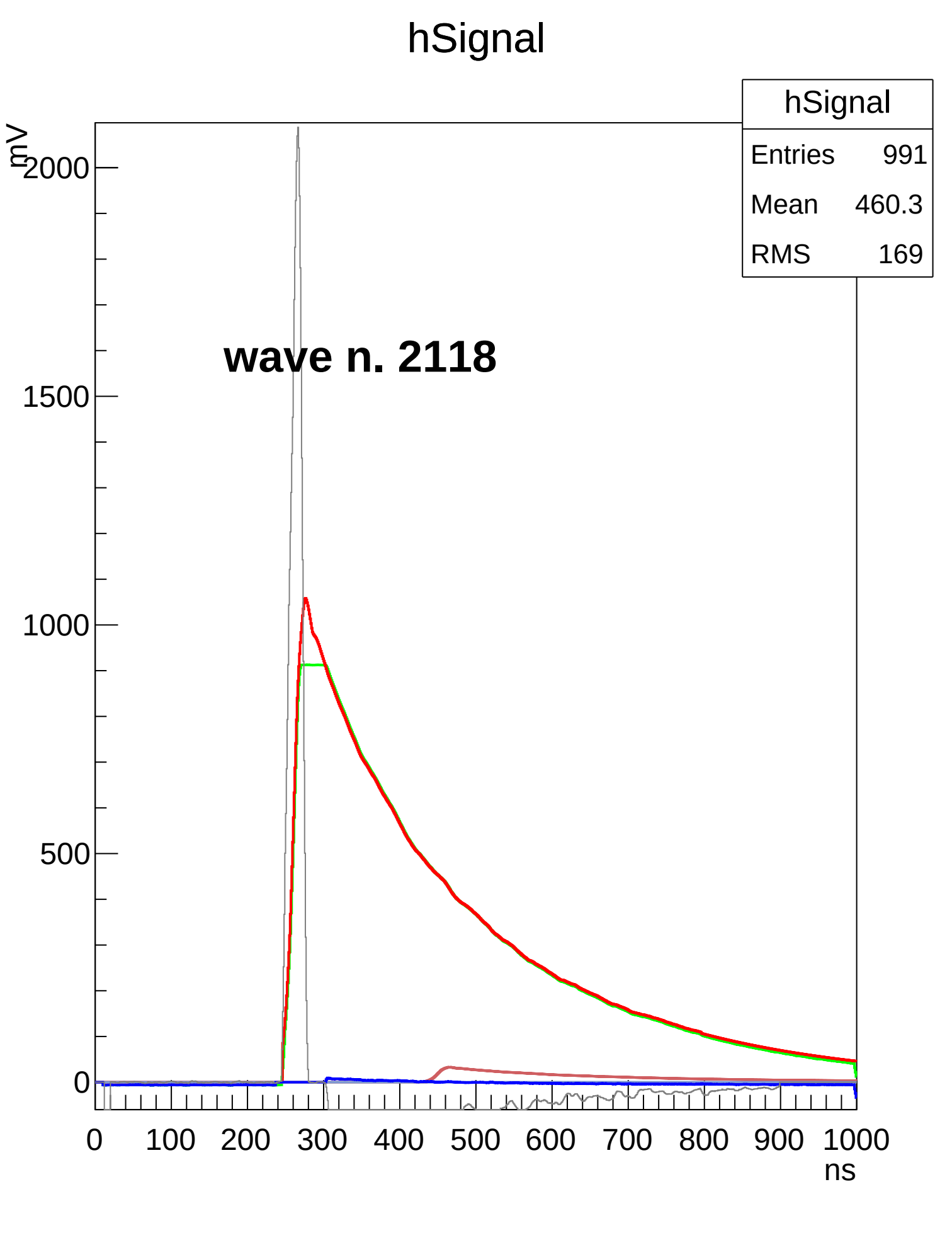
900
1000
ns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hSignal
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Mean 460.3
RMS 169
wave n. 2118
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1500
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500
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0
100
200
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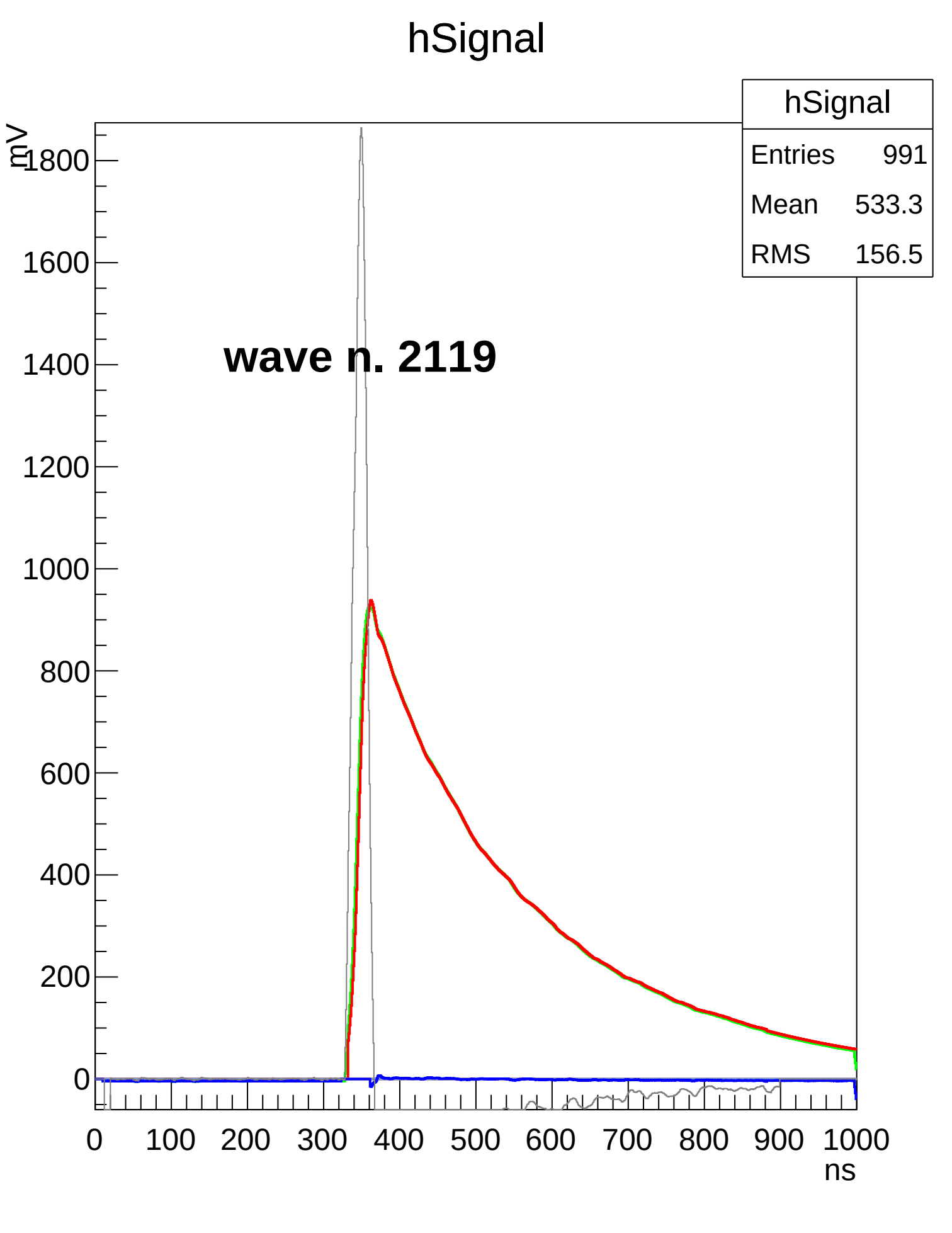
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 533.3
RMS 156.5
wave n. 2119
mV
1800
1600
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600
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0
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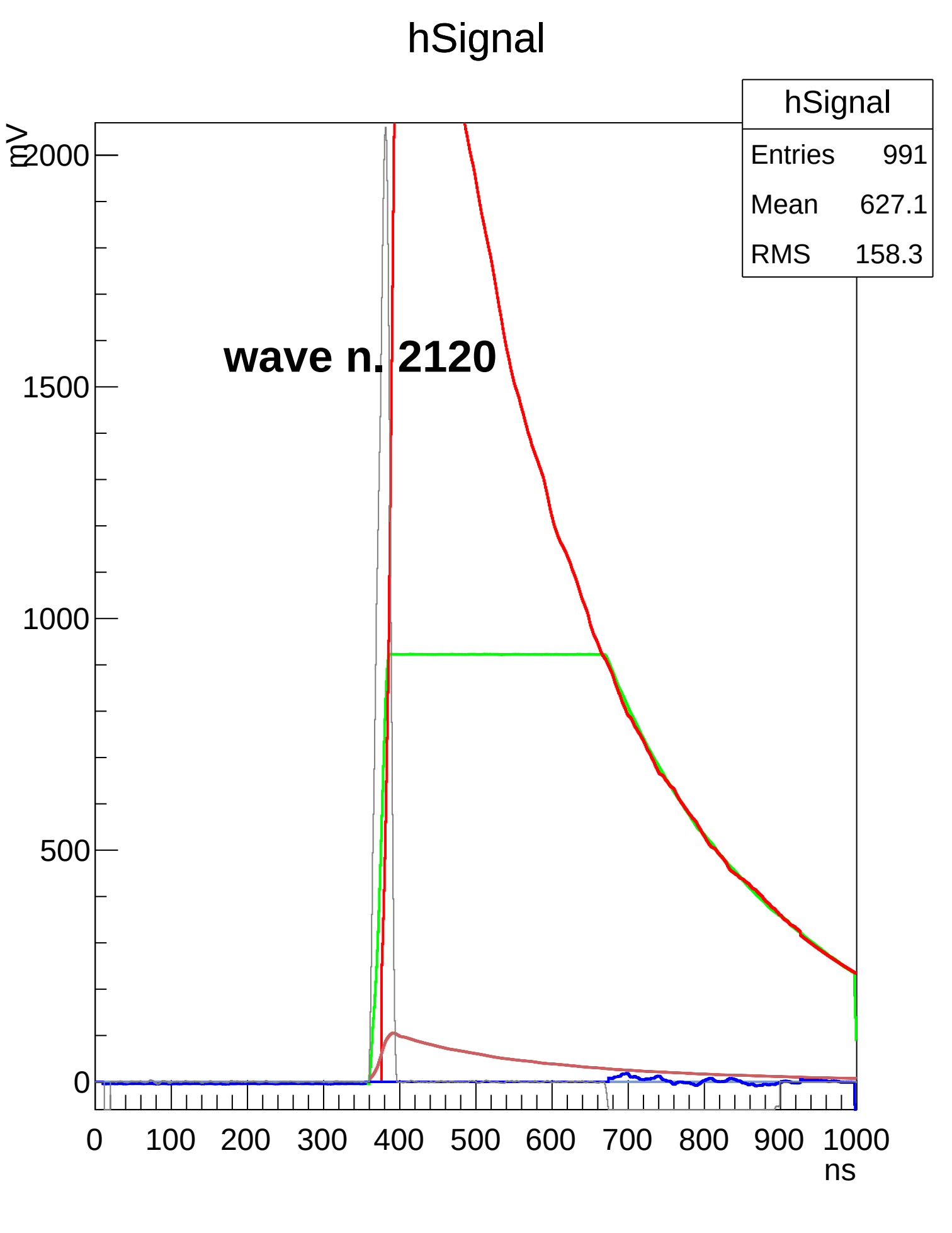
1000
ns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hSignal
Entries 991
Mean 627.1
RMS 158.3
wave n. 2120
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1000
500
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0
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200
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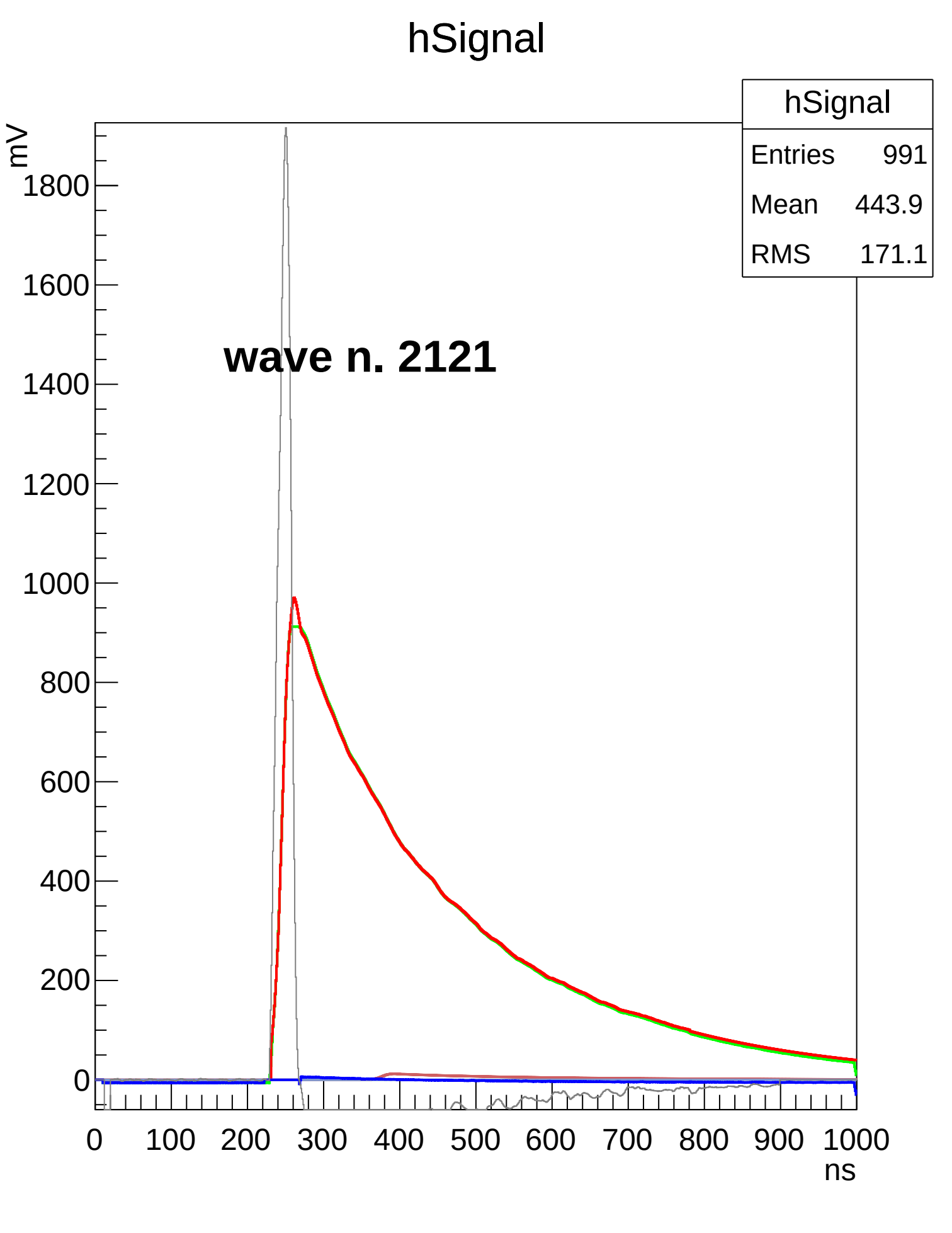
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 443.9
RMS 171.1
wave n. 2121
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
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400
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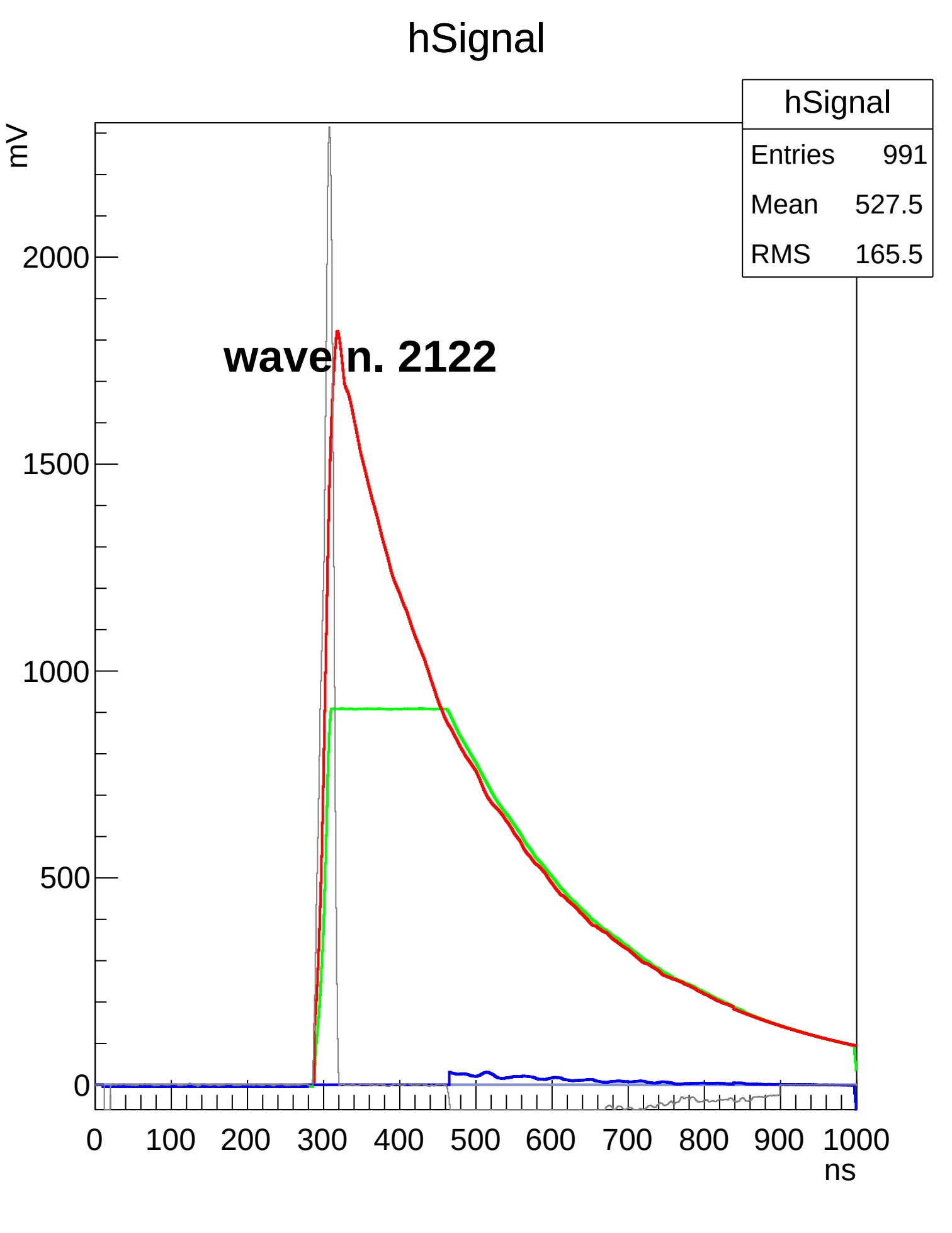
1000
ns


hSignal
hSignal
Entries 991
Mean 527.5
RMS 165.5
wave n. 2122
mV
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1500
1000
500
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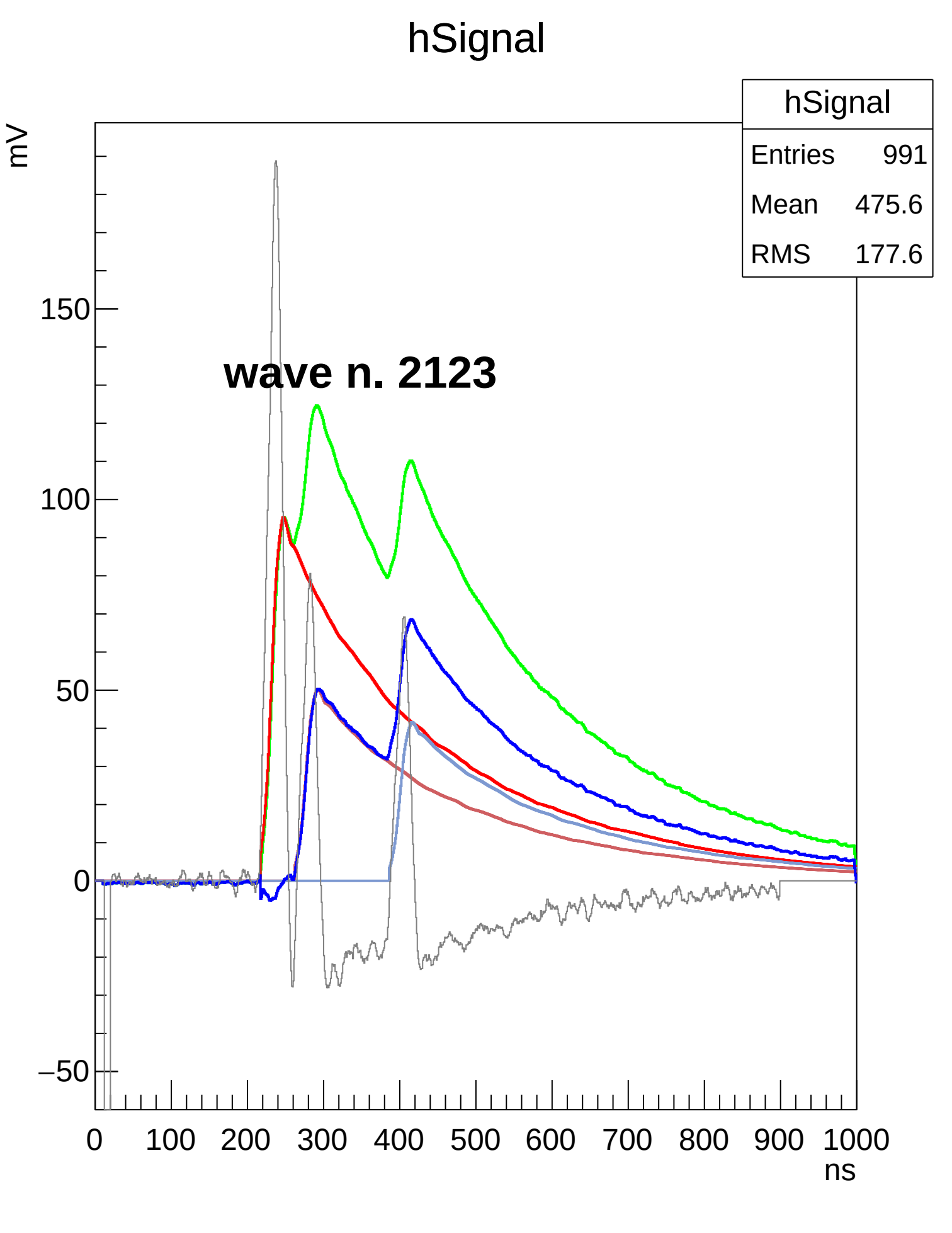
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 475.6
RMS 177.6
wave n. 2123
mV
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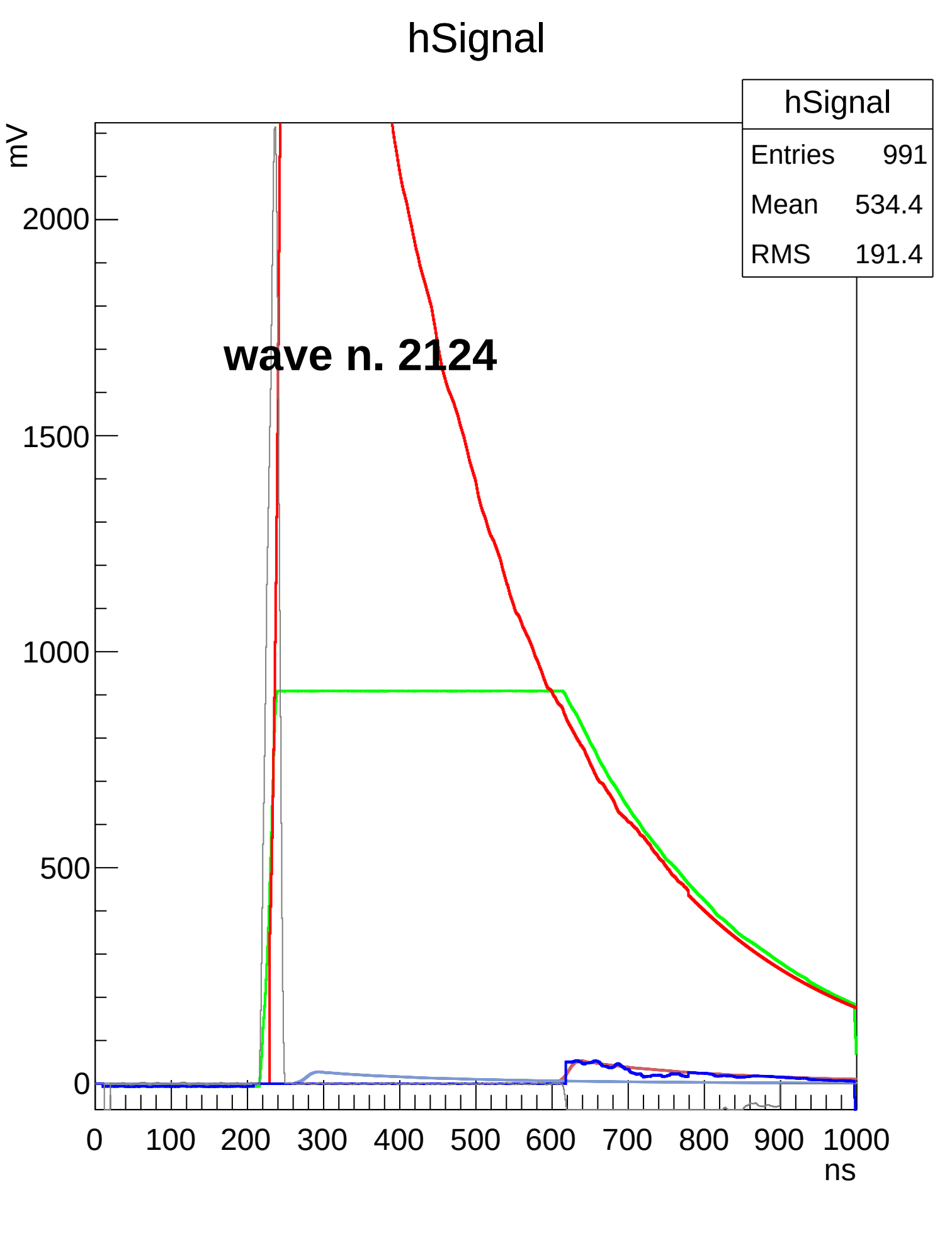
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.4
RMS 191.4
wave n. 2124
mV
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1500
1000
500
0
0
100
200
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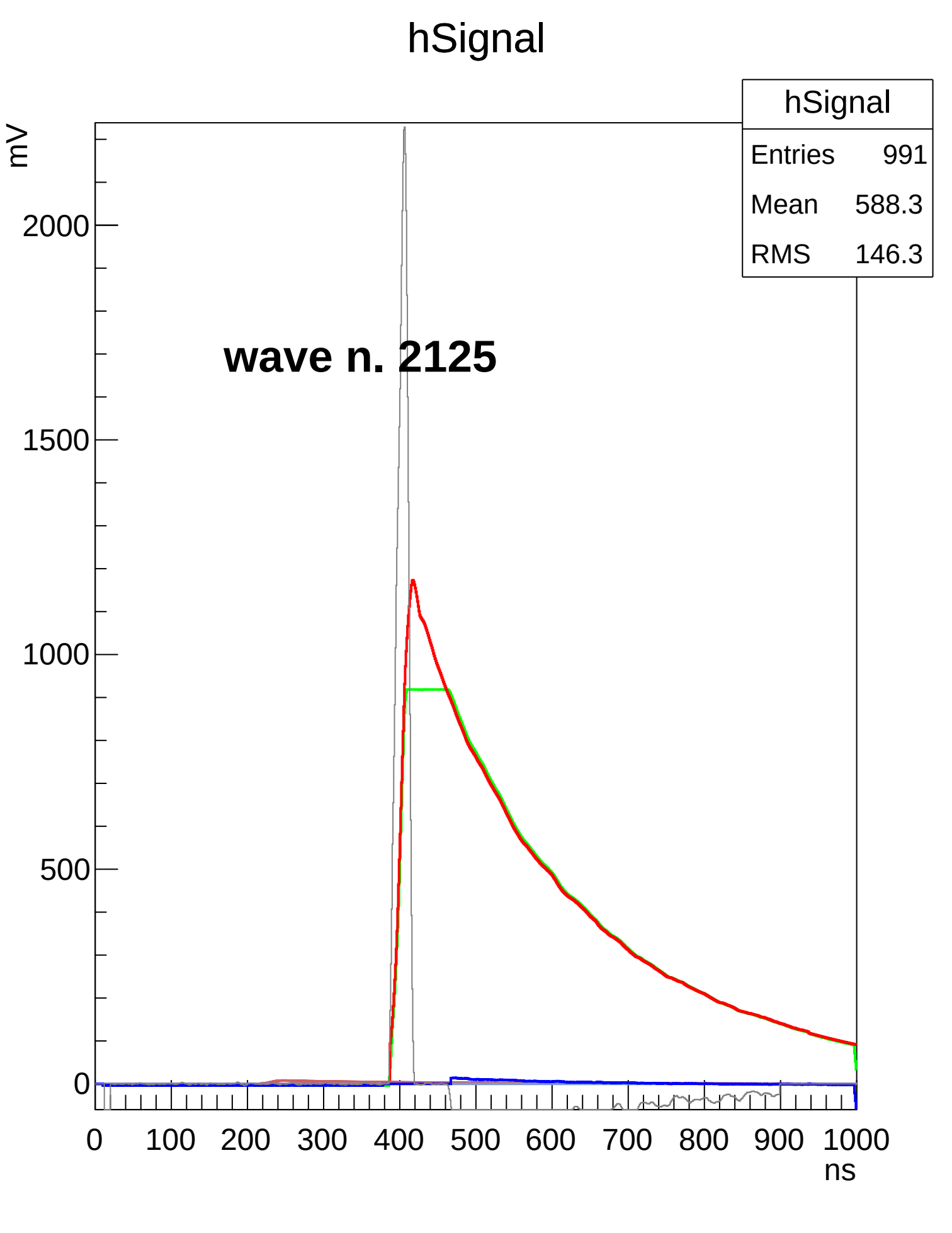
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 588.3
RMS 146.3
wave n. 2125
mV
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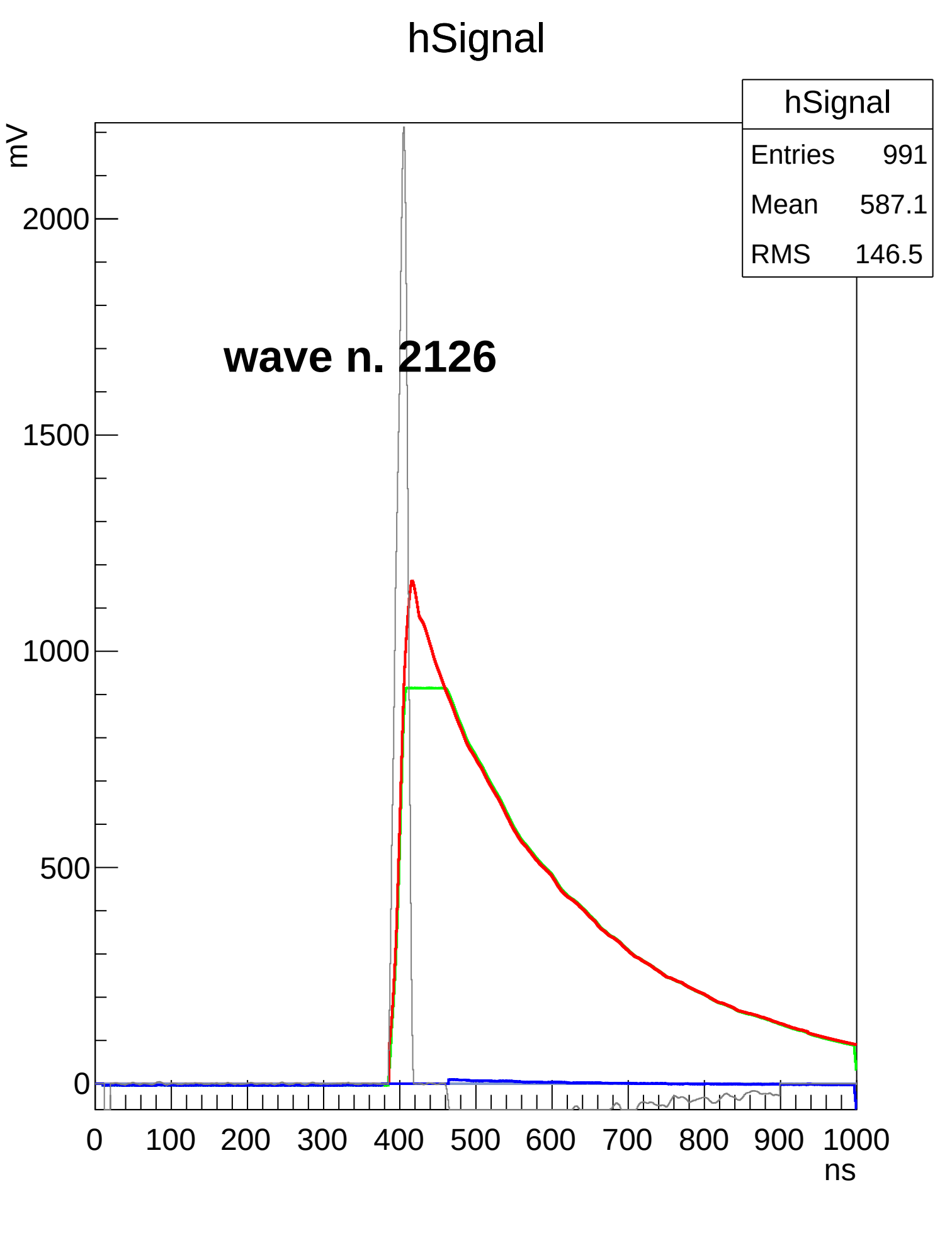
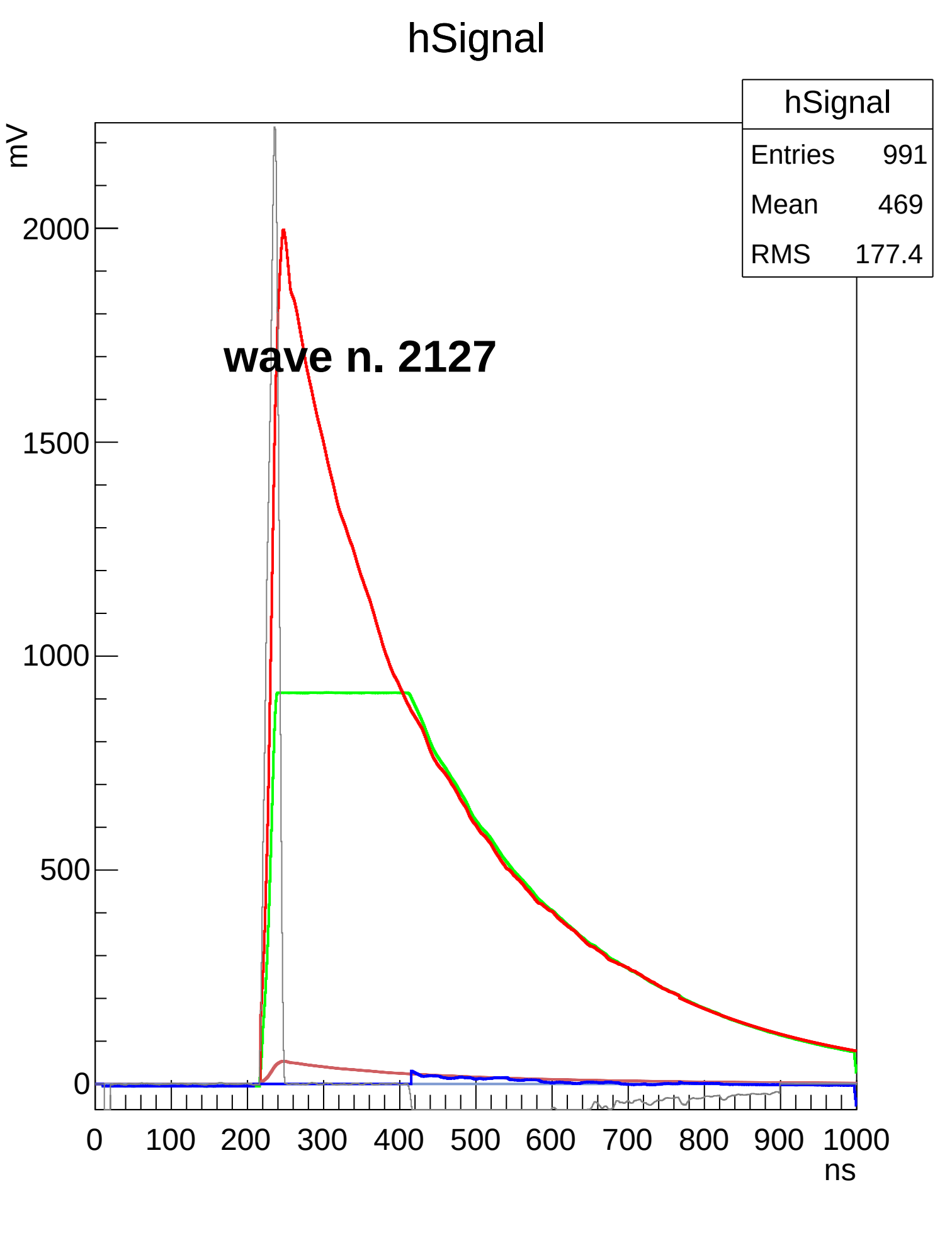
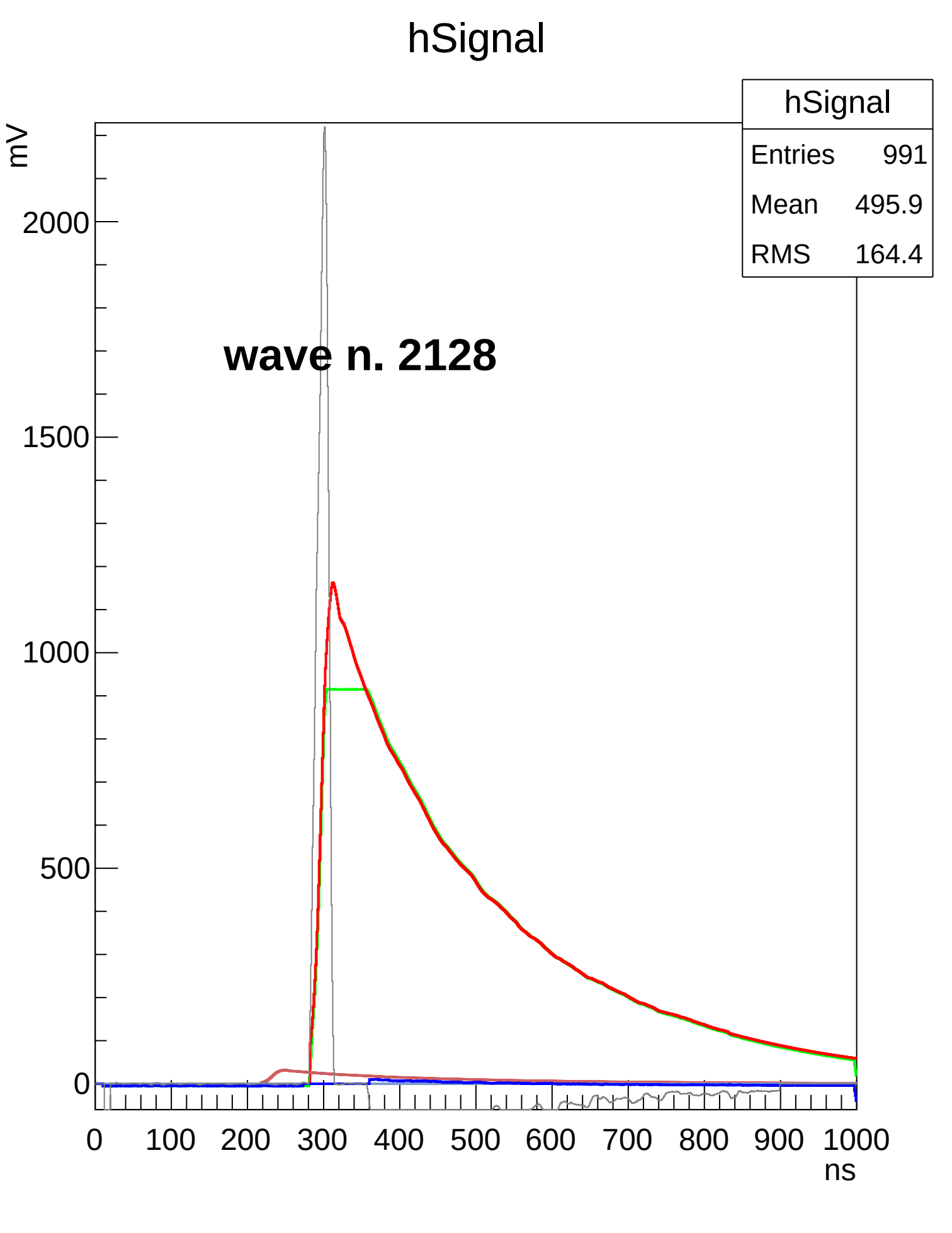
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 587.1
RMS 146.5
wave n. 2126
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 469
RMS 177.4
wave n. 2127
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 495.9
RMS 164.4
wave n. 2128
mV
2000
1500
1000
500
0
0
100
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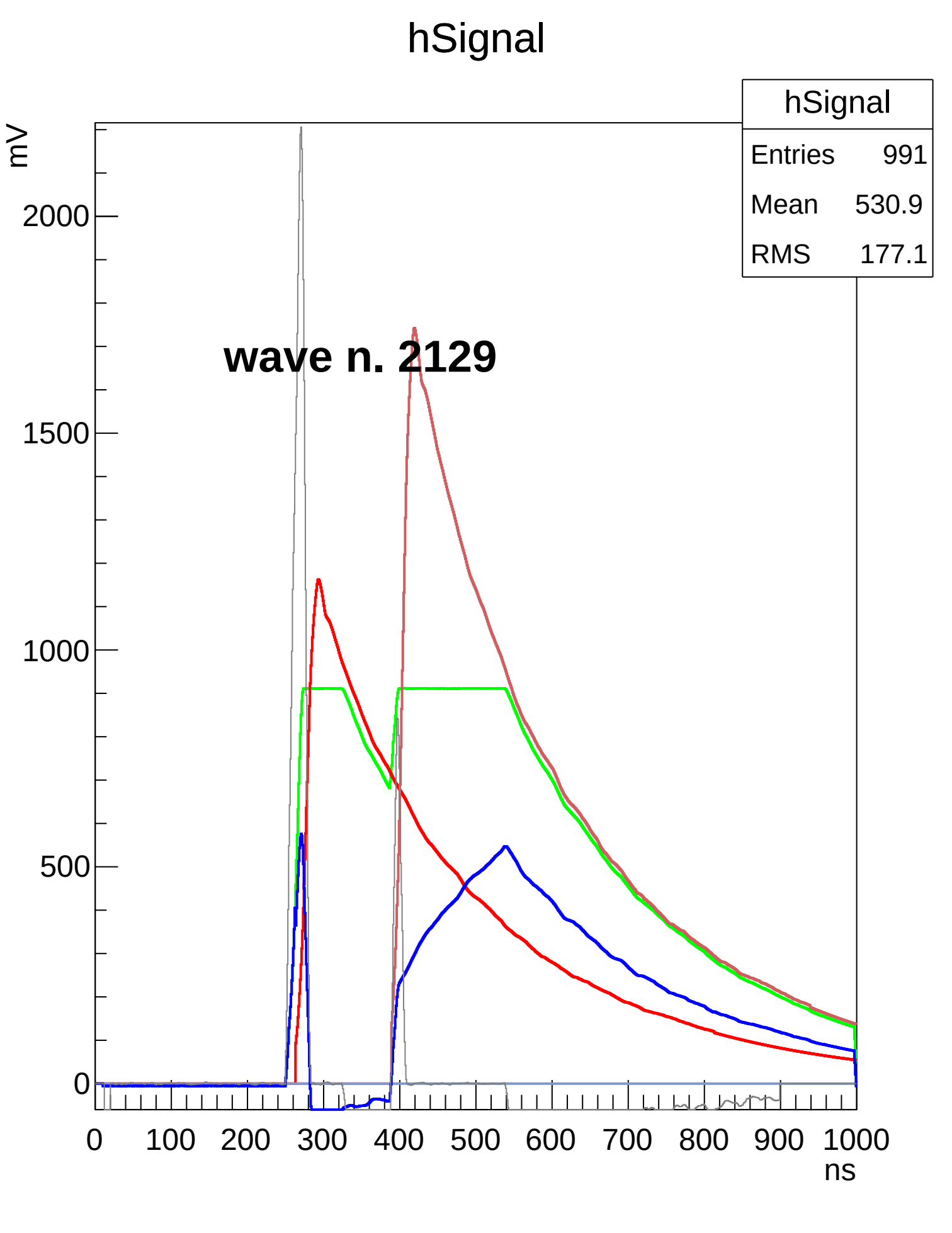
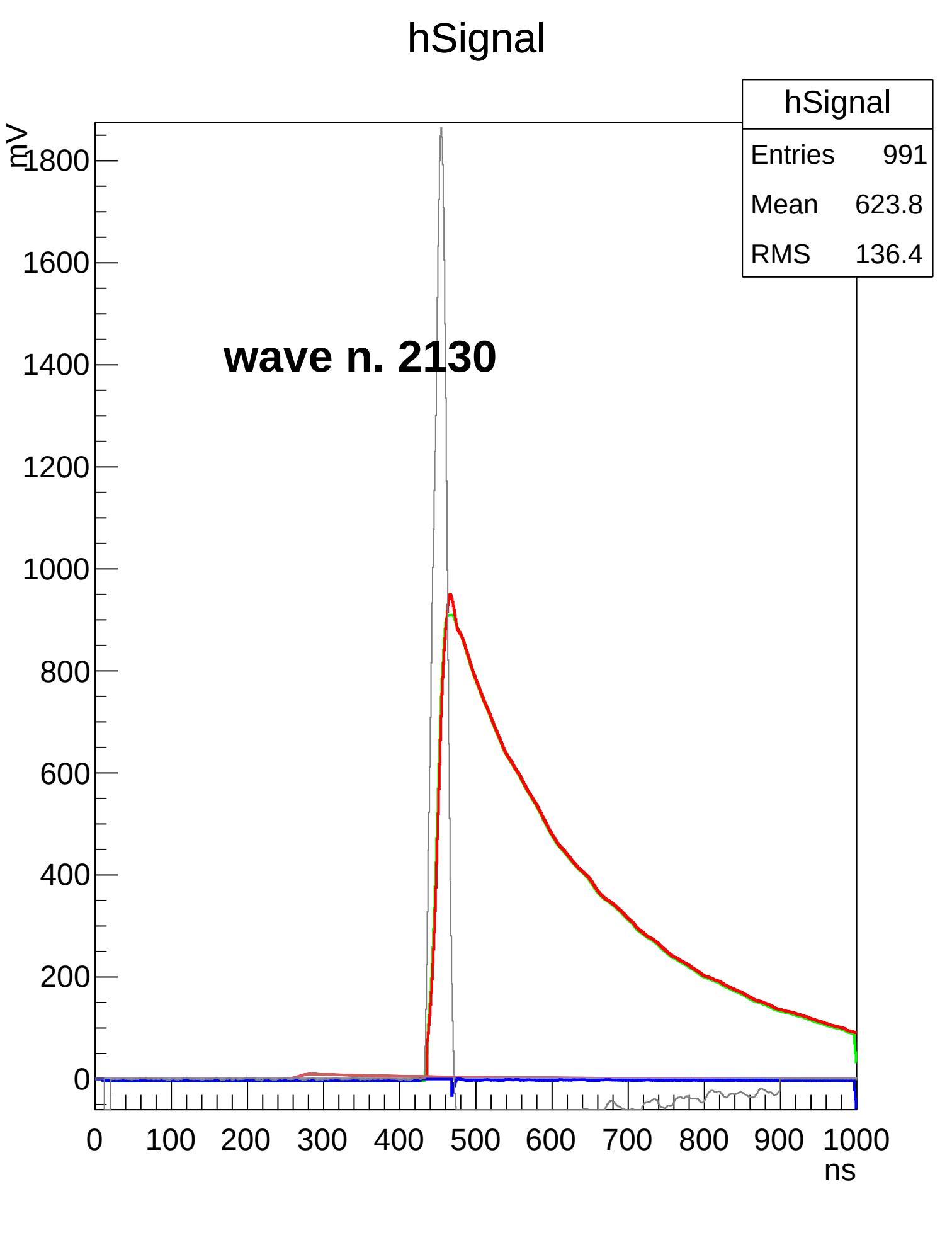
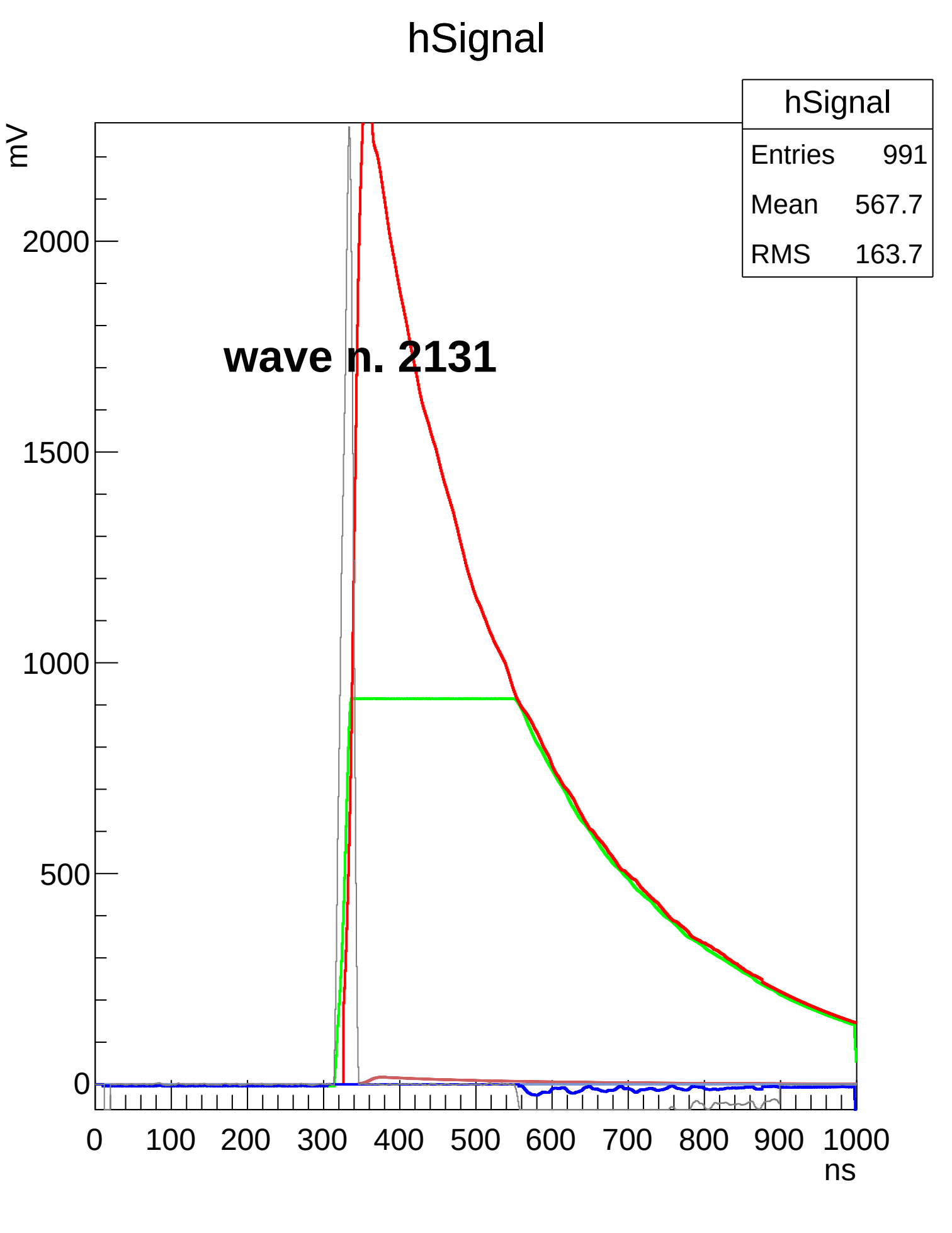
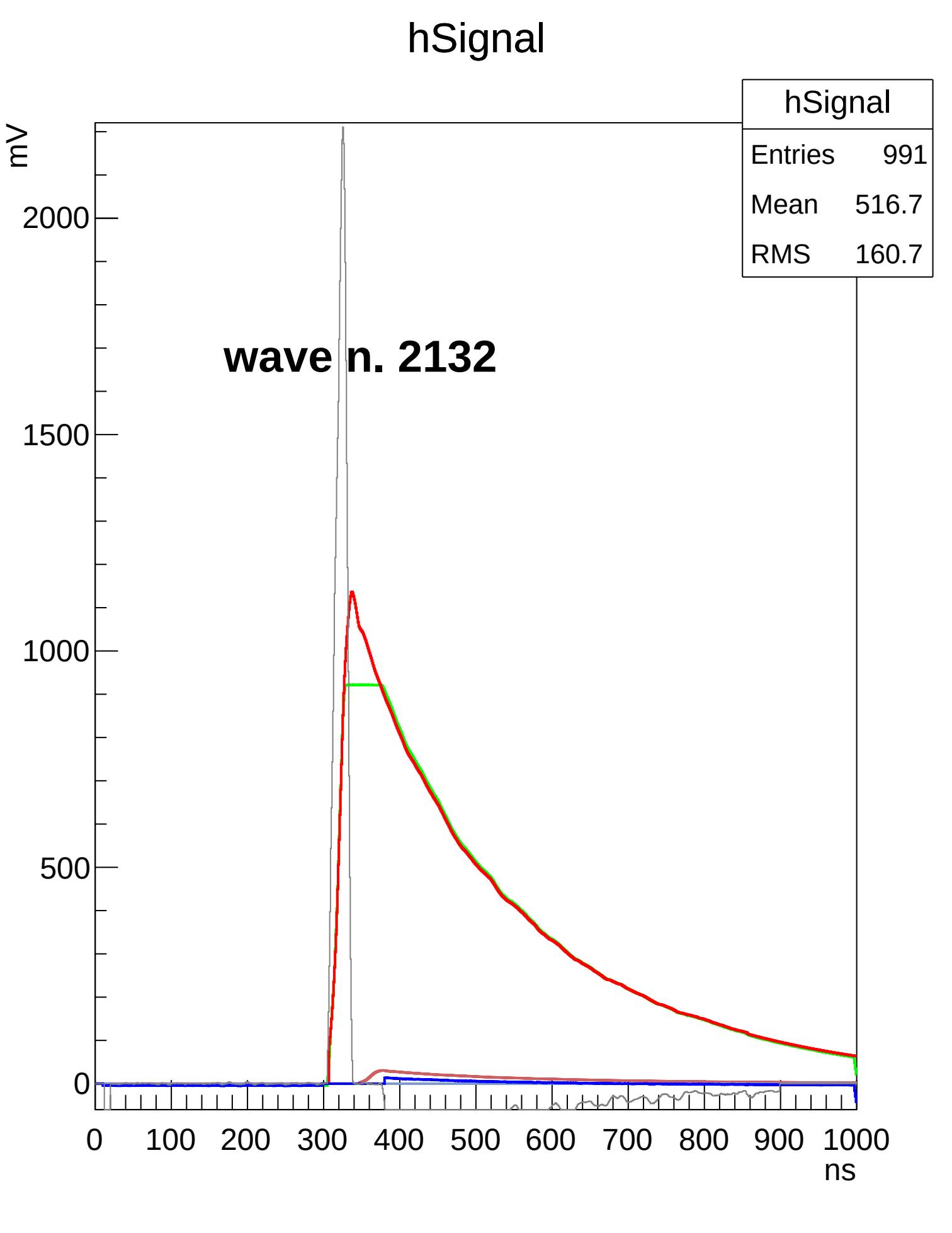
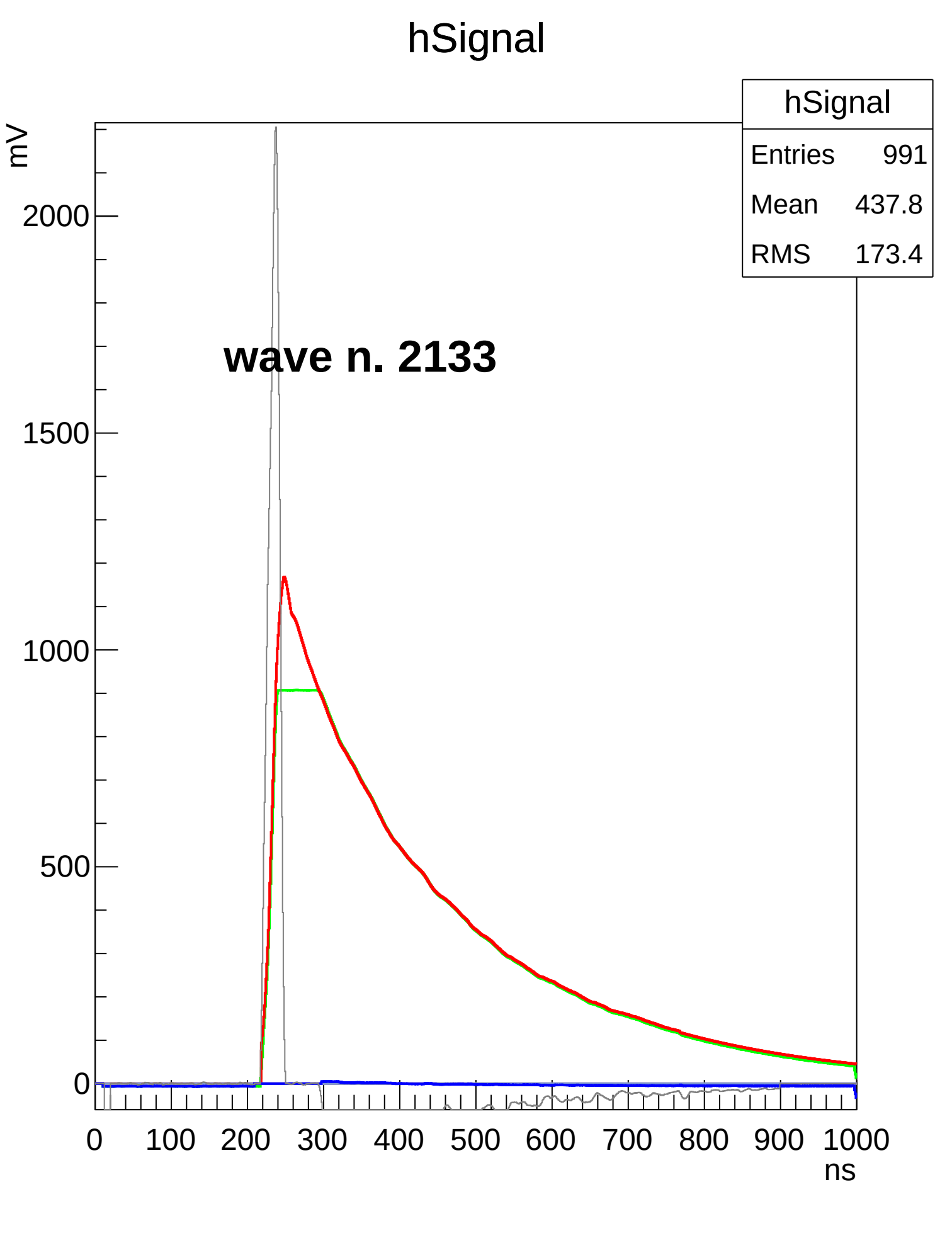
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.9
RMS 177.1
wave n. 2129
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 623.8
RMS 136.4
wave n. 2130
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 567.7
RMS 163.7
wave n. 2131
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 516.7
RMS 160.7
wave n. 2132
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 437.8
RMS 173.4
wave n. 2133
mV
2000
1500
1000
500
0
0
100
200
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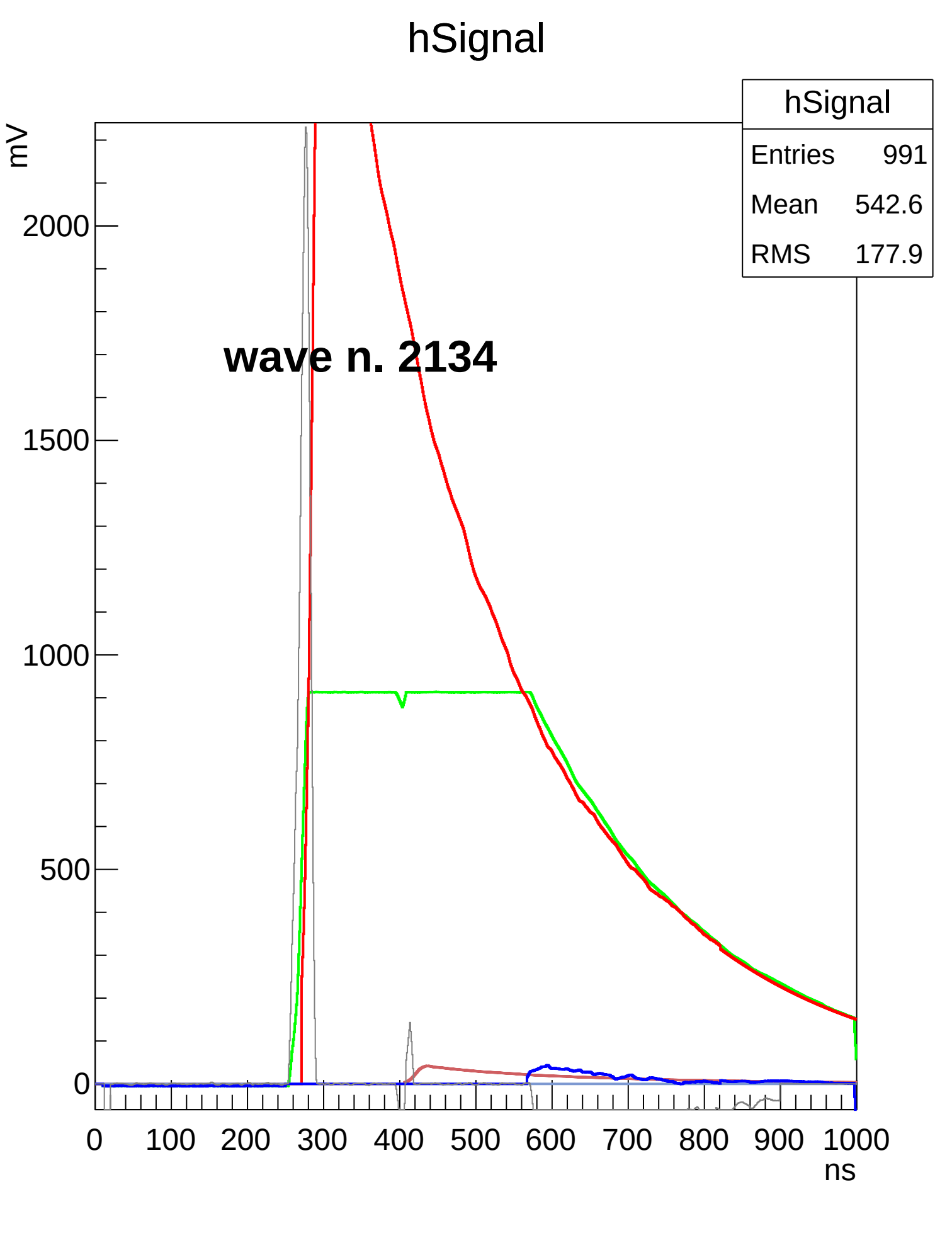
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.6
RMS 177.9
wave n. 2134
mV
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1500
1000
500
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0
100
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400
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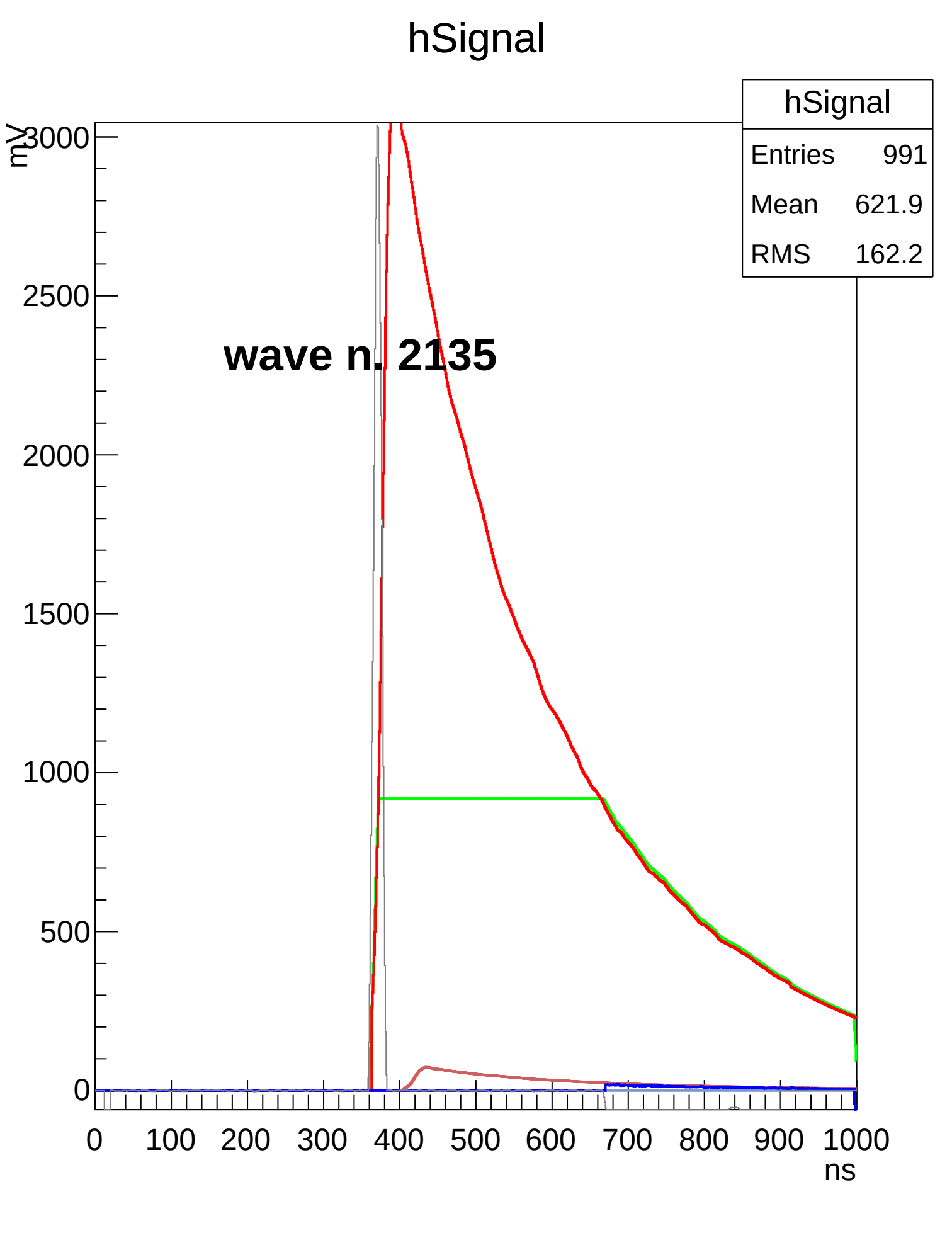
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 621.9
RMS 162.2
wave n. 2135
mV
3000
2500
2000
1500
1000
500
0
0
100
200
300
400
500
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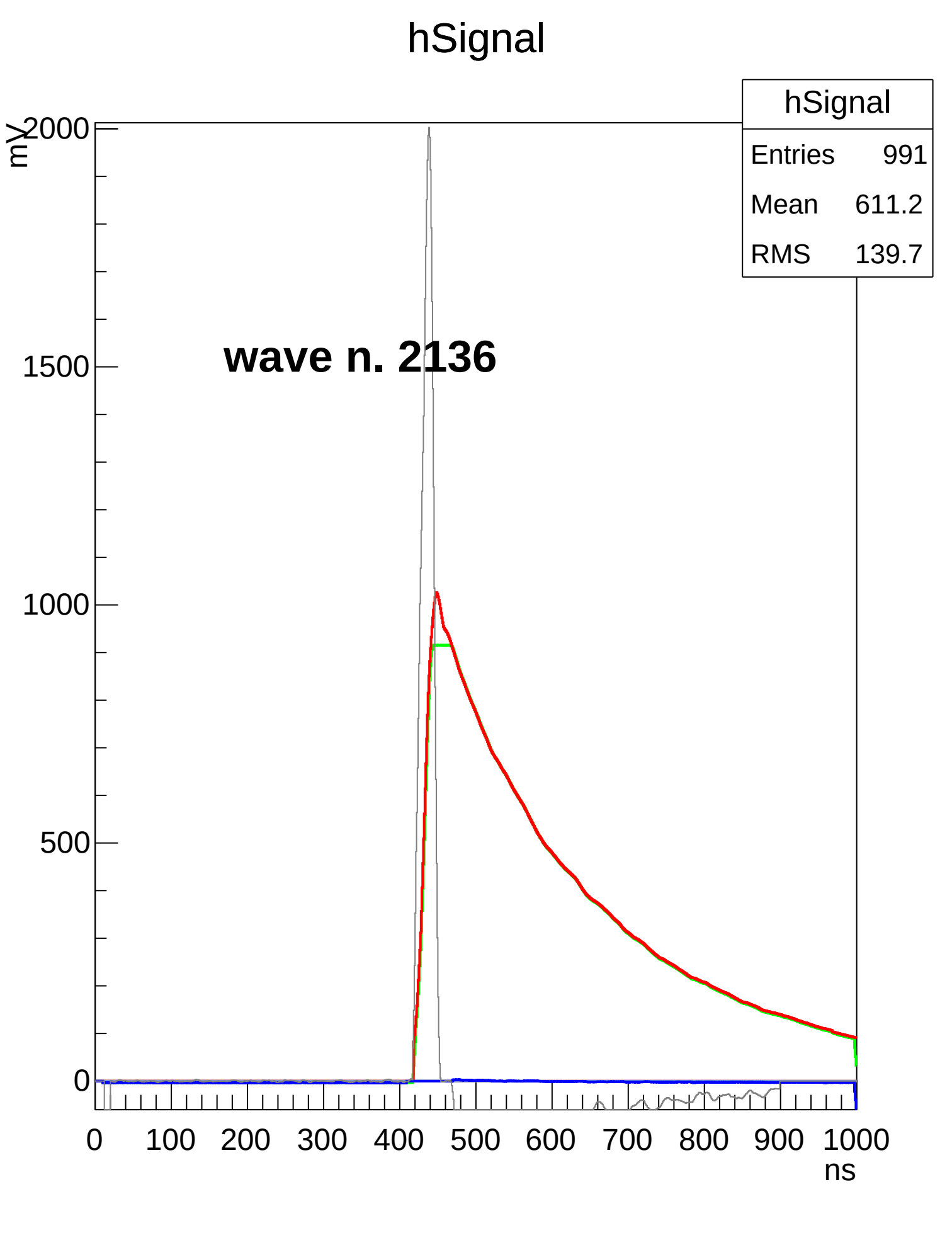
1000
ns


hSignal
hSignal
Entries 991
Mean 611.2
RMS 139.7
wave n. 2136
mV
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1500
1000
500
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0
100
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400
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800
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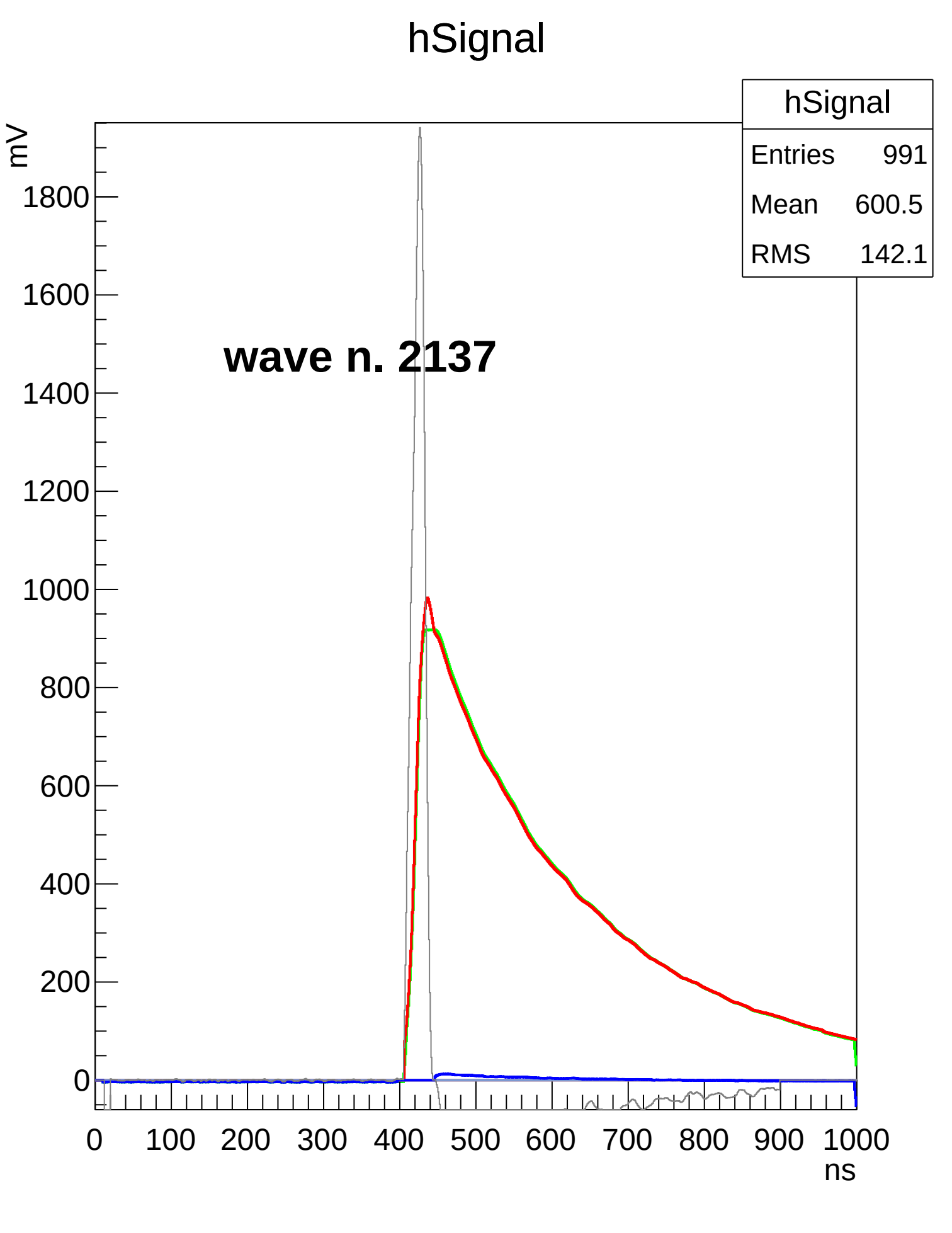
1000
ns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hSignal
Entries 991
Mean 600.5
RMS 142.1
wave n. 2137
mV
1800
1600
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600
400
200
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0
100
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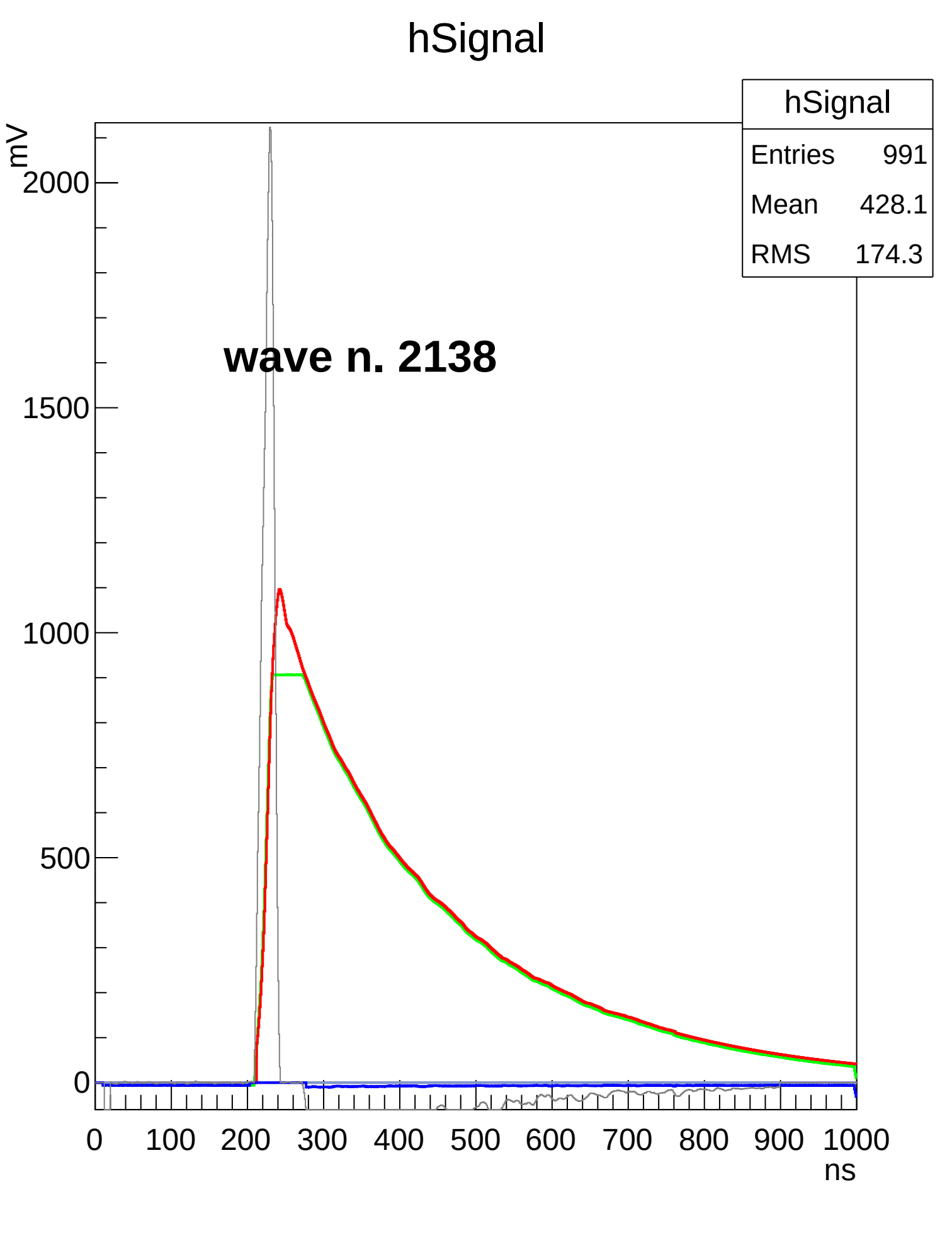
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Entries 991
Mean 428.1
RMS 174.3
wave n. 2138
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500
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0
100
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400
500
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800
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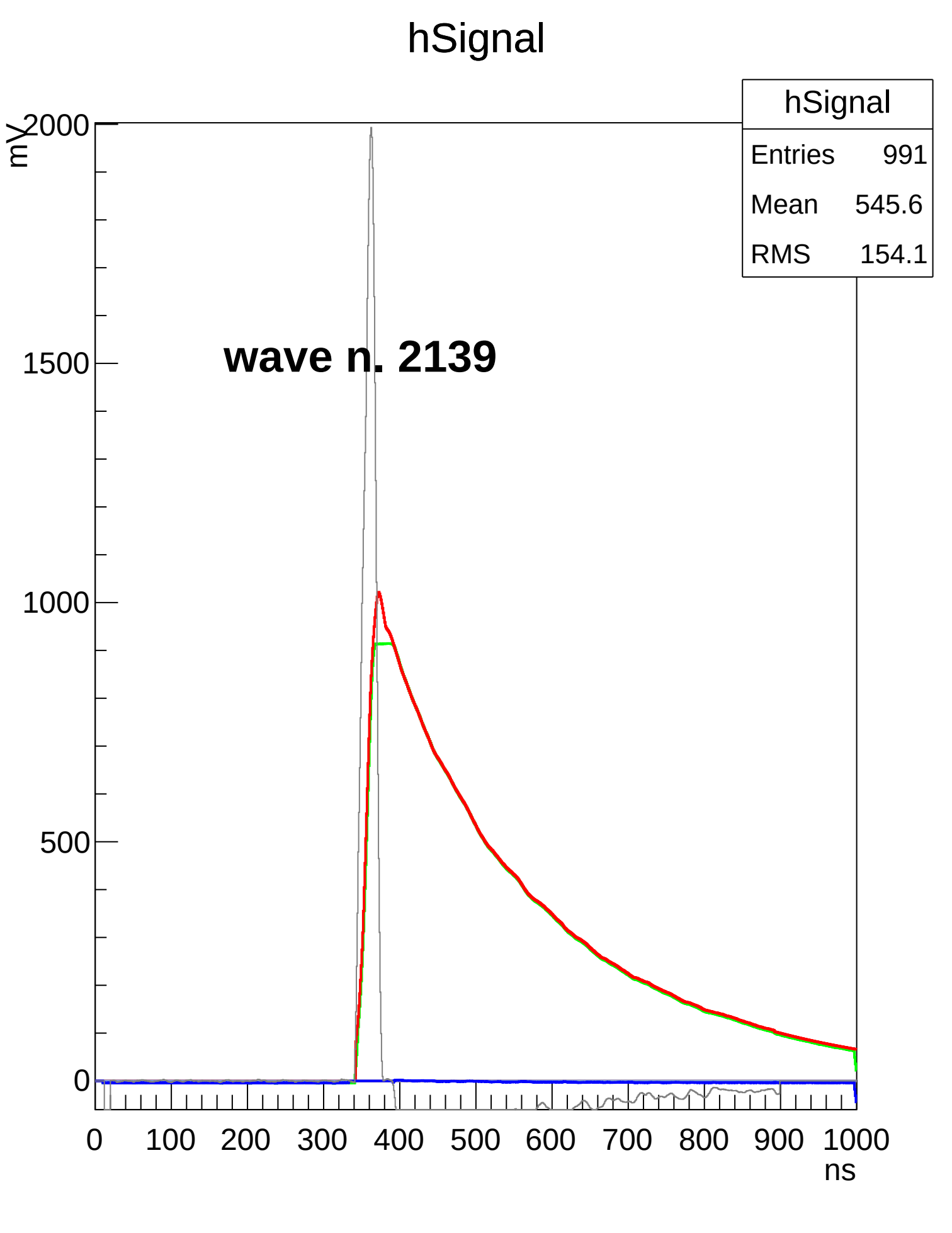
ns


hSignal
hSignal
Entries 991
Mean 545.6
RMS 154.1
wave n. 2139
mV
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1500
1000
500
0
0
100
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400
500
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1000
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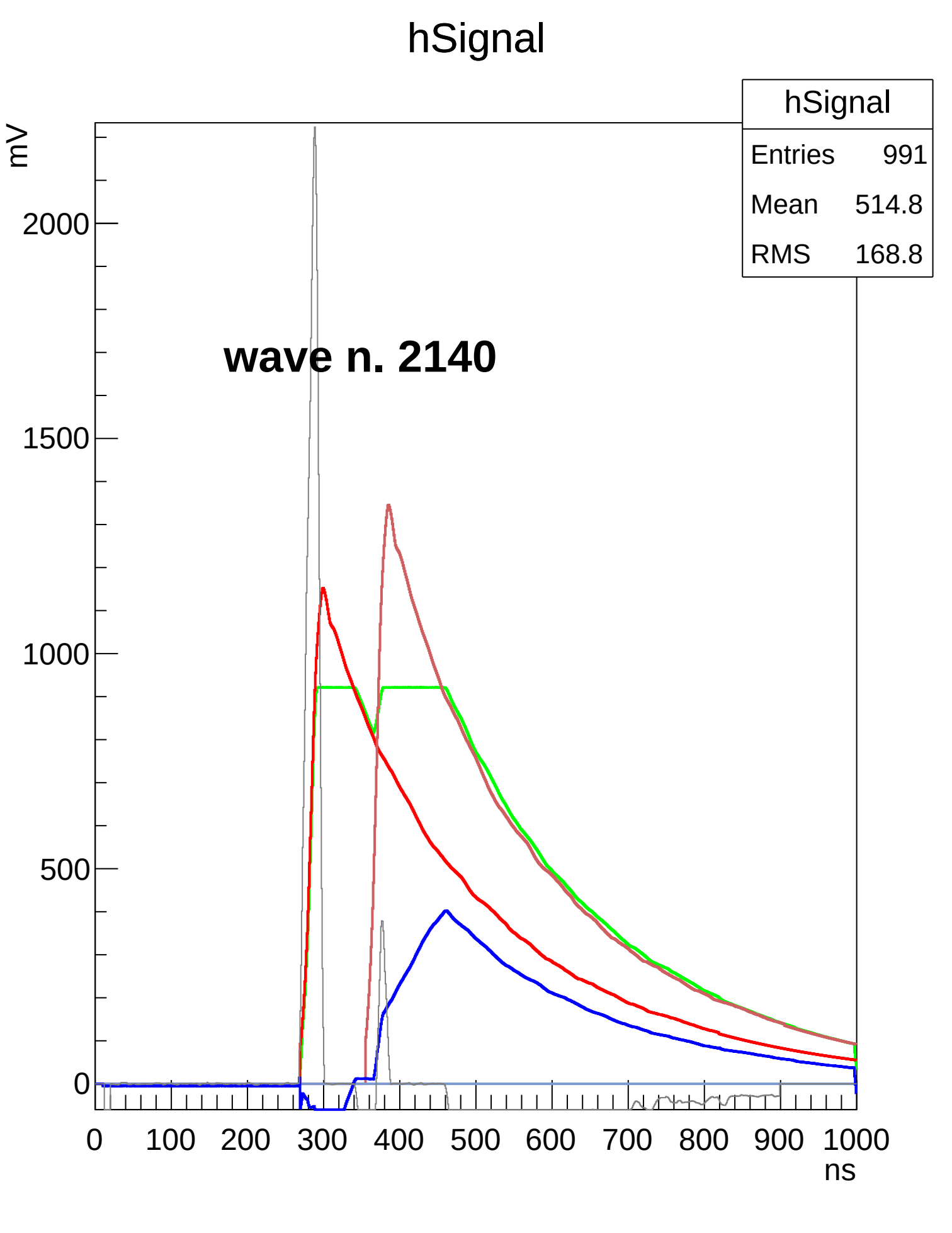
hSignal
hSignal
Entries 991
Mean 514.8
RMS 168.8
wave n. 2140
mV
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1500
1000
500
0
0
100
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400
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800
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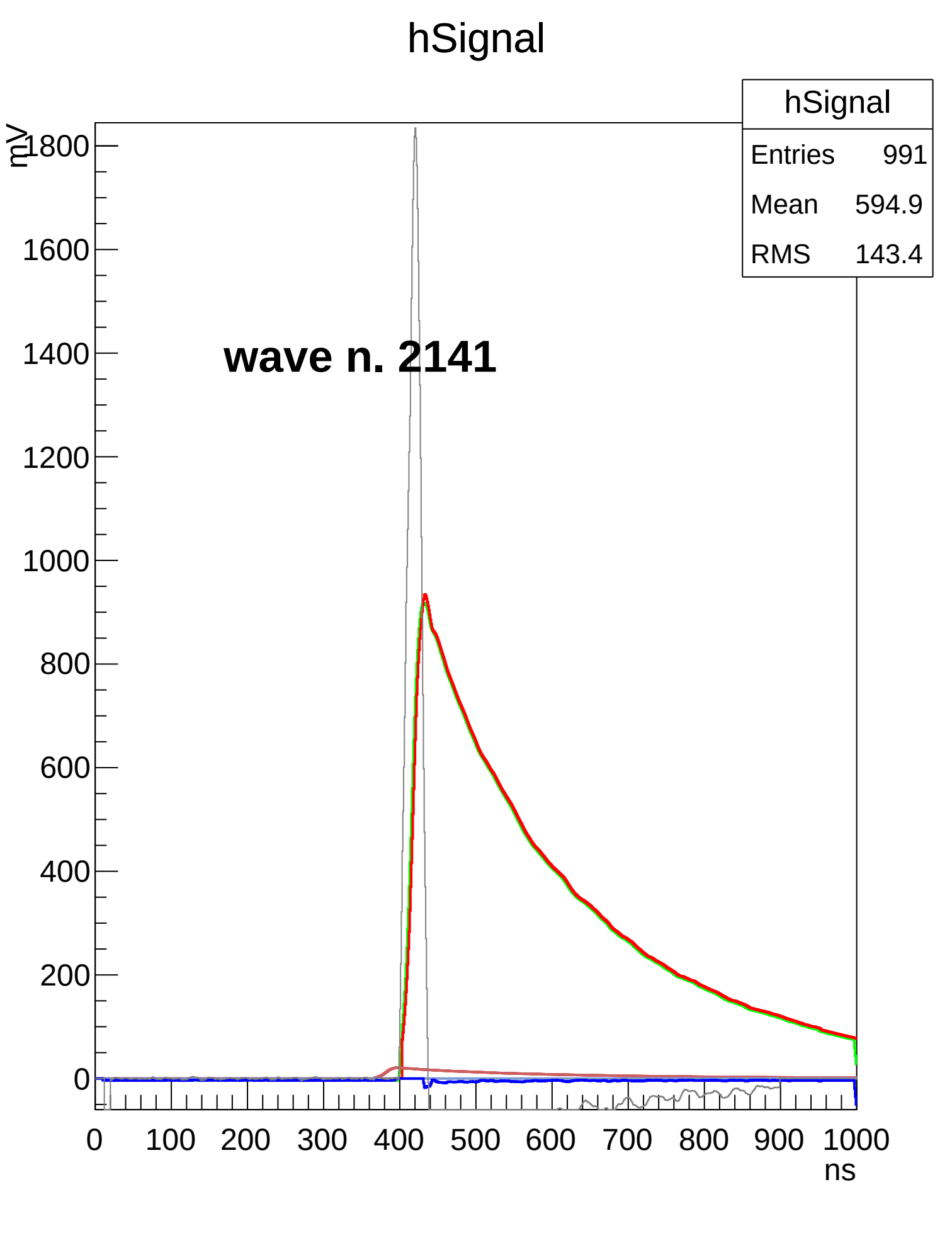
1000
ns


hSignal
hSignal
Entries 991
Mean 594.9
RMS 143.4
wave n. 2141
mV
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1600
1400
1200
1000
800
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400
200
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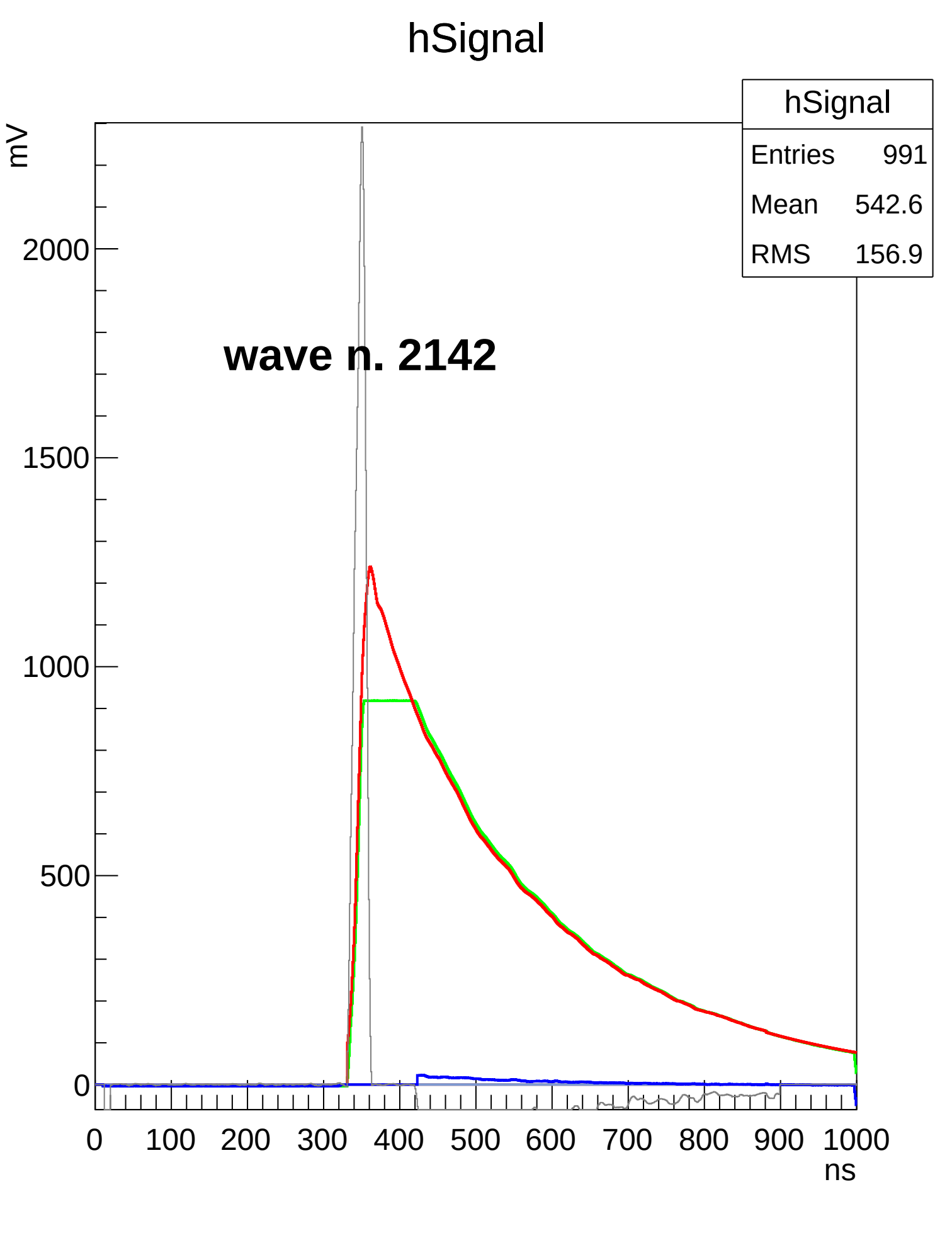
ns


hSignal
hSignal
Entries 991
Mean 542.6
RMS 156.9
wave n. 2142
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1000
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800
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1000
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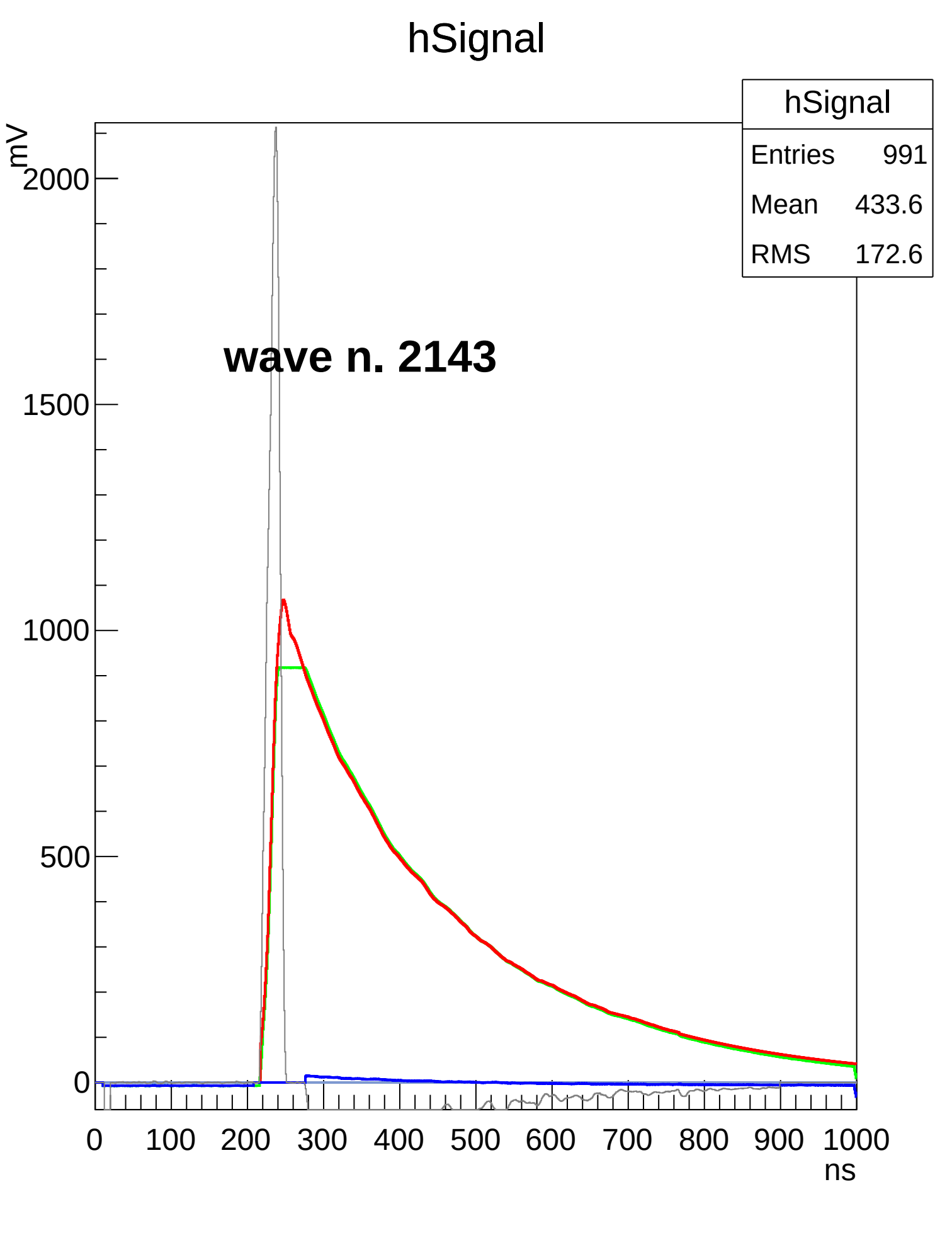
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hSignal
Entries 991
Mean 433.6
RMS 172.6
wave n. 2143
mV
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800
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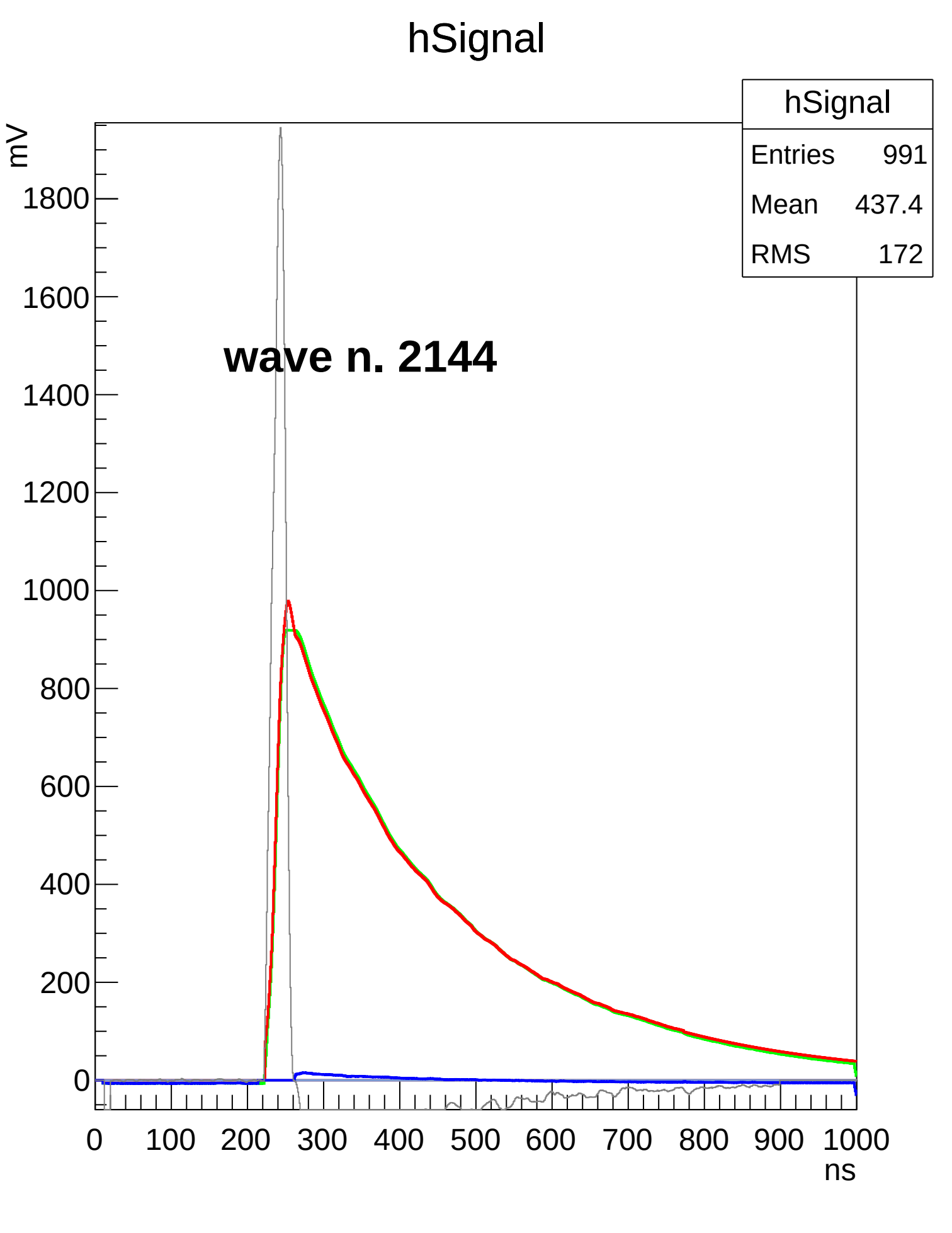
hSignal
hSignal
Entries 991
Mean 437.4
RMS 172
wave n. 2144
mV
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1600
1400
1200
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800
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400
200
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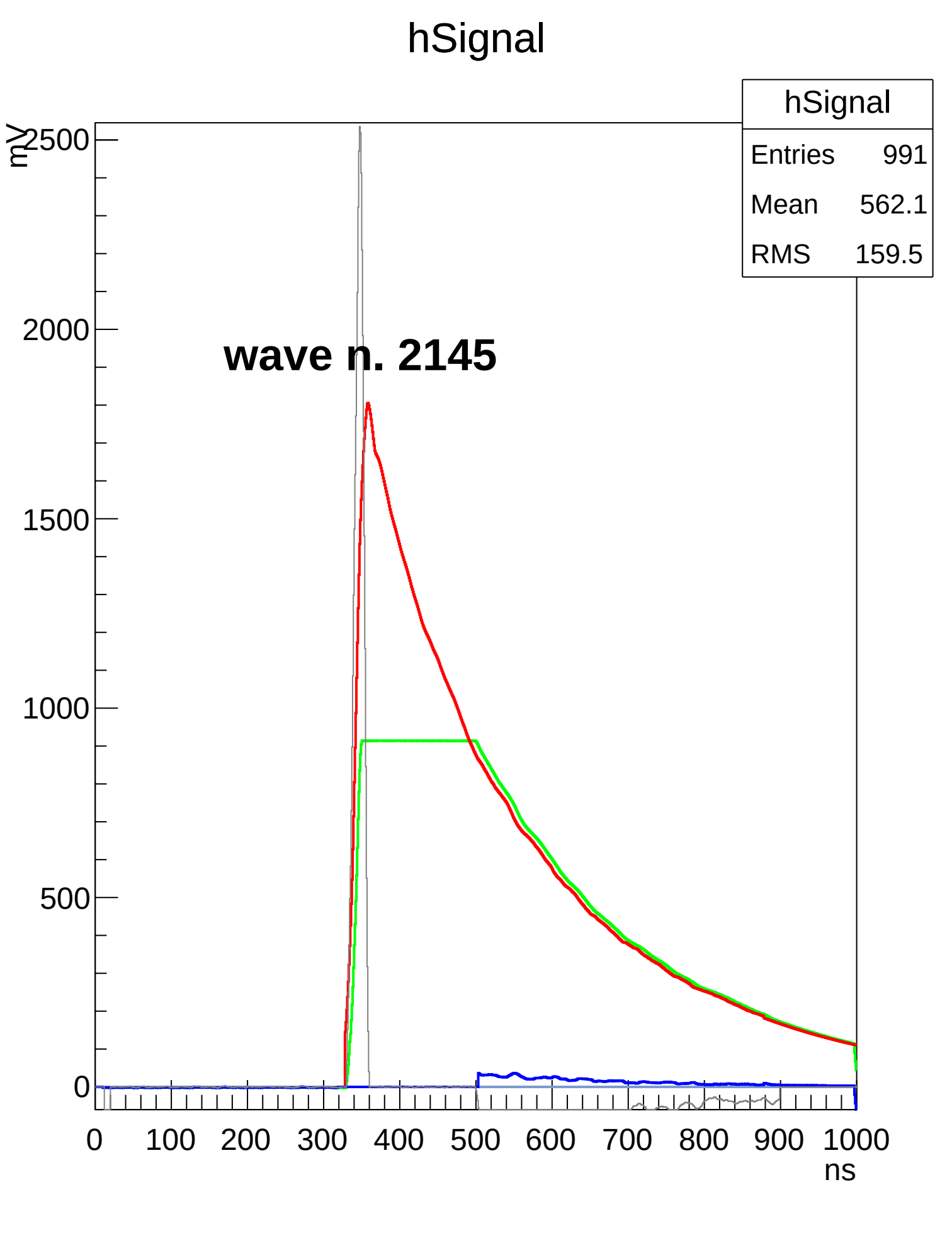
ns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hSignal
Entries 991
Mean 562.1
RMS 159.5
wave n. 2145
mV
2500
2000
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1000
500
0
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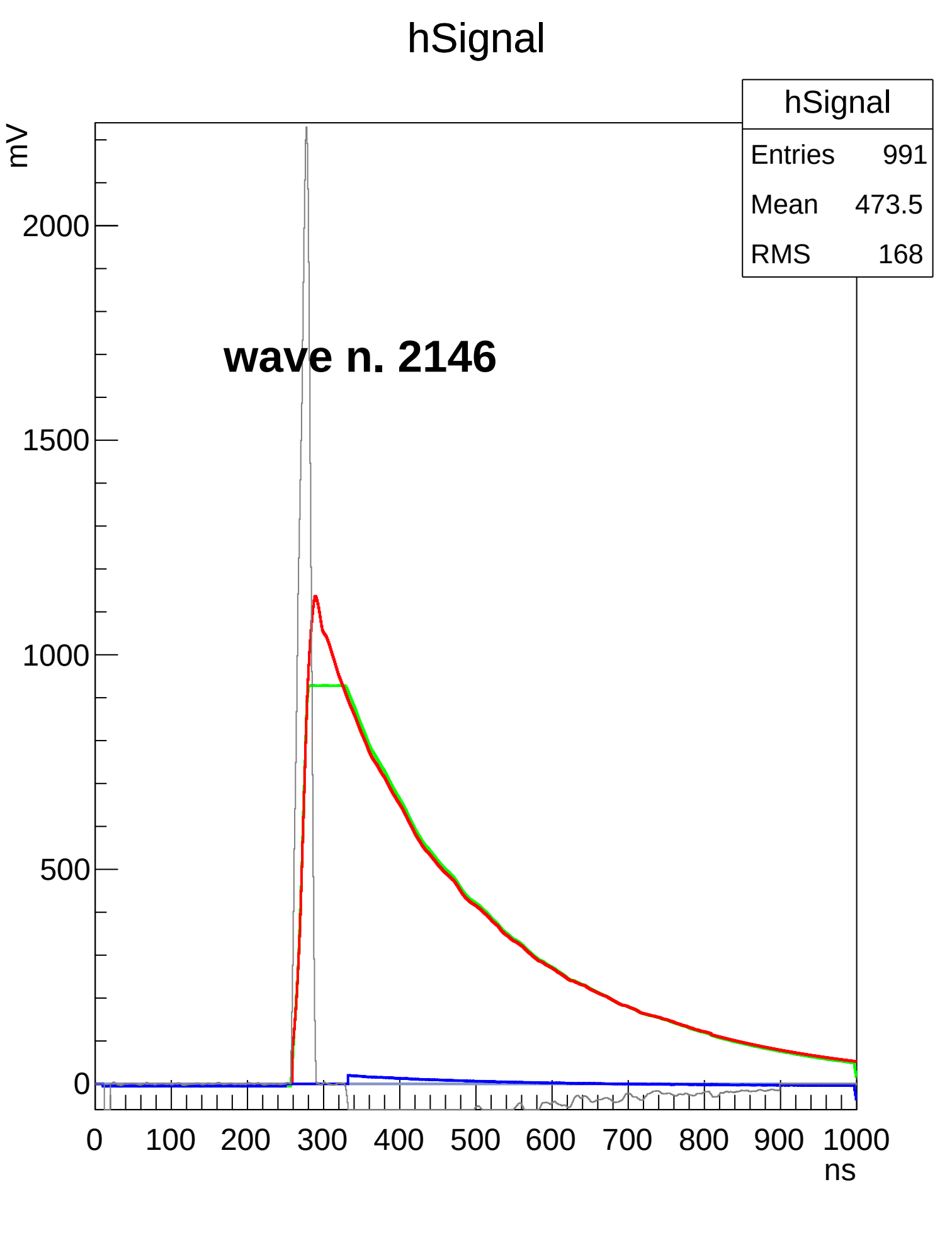
ns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hSignal
Entries 991
Mean 473.5
RMS 168
wave n. 2146
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500
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0
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800
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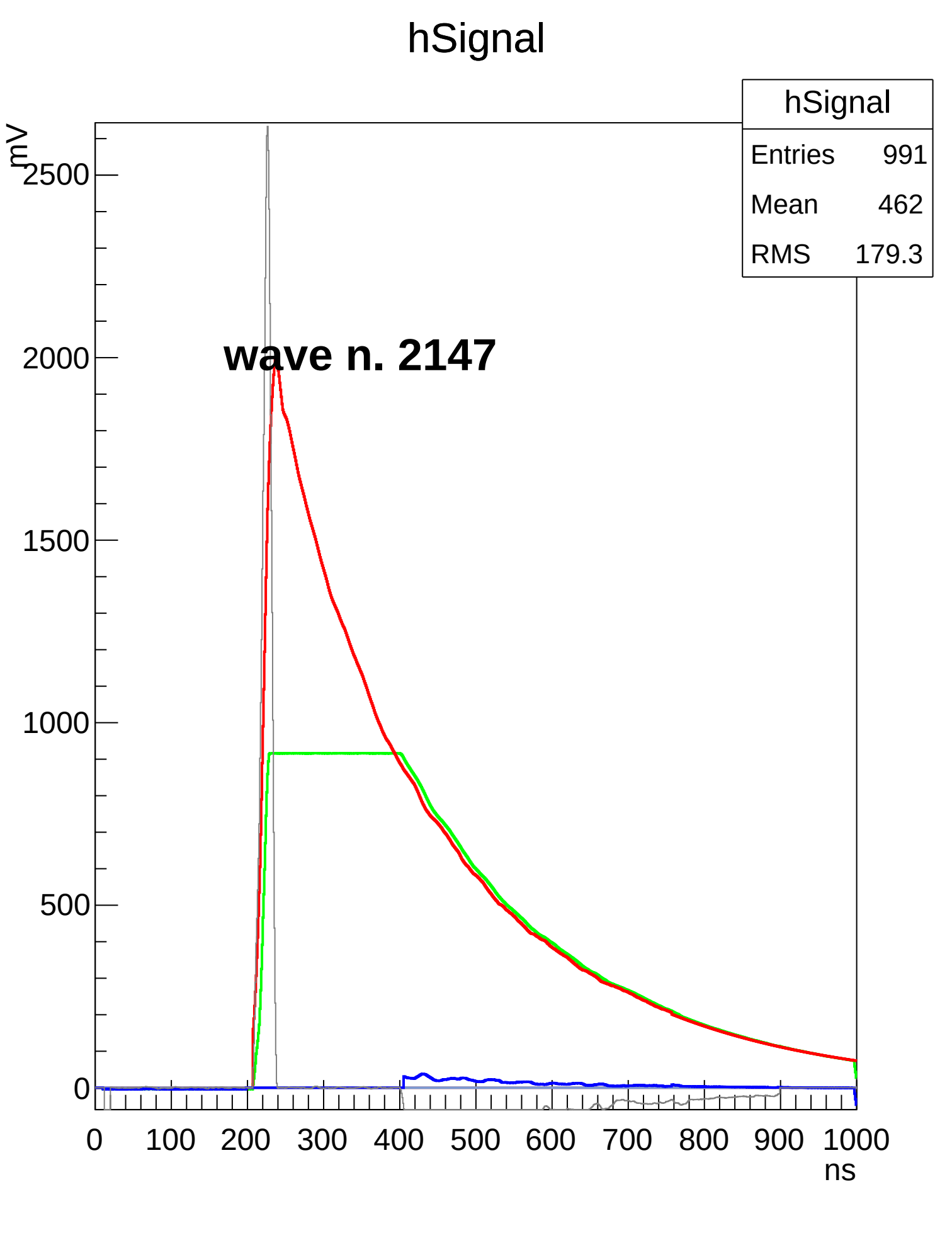
1000
ns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hSignal
Entries 991
Mean 462
RMS 179.3
wave n. 2147
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400
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800
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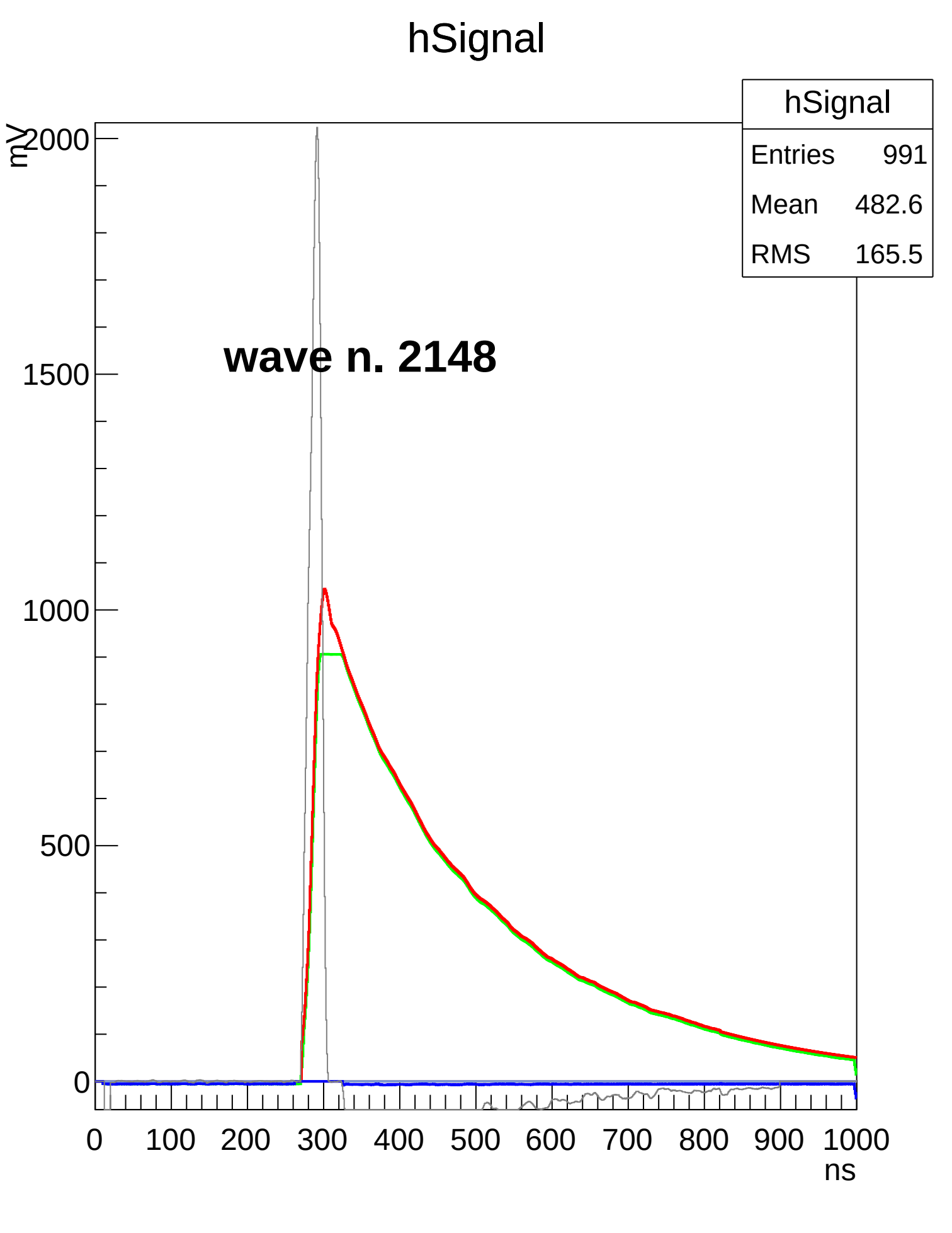
1000
ns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hSignal
Entries 991
Mean 482.6
RMS 165.5
wave n. 2148
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500
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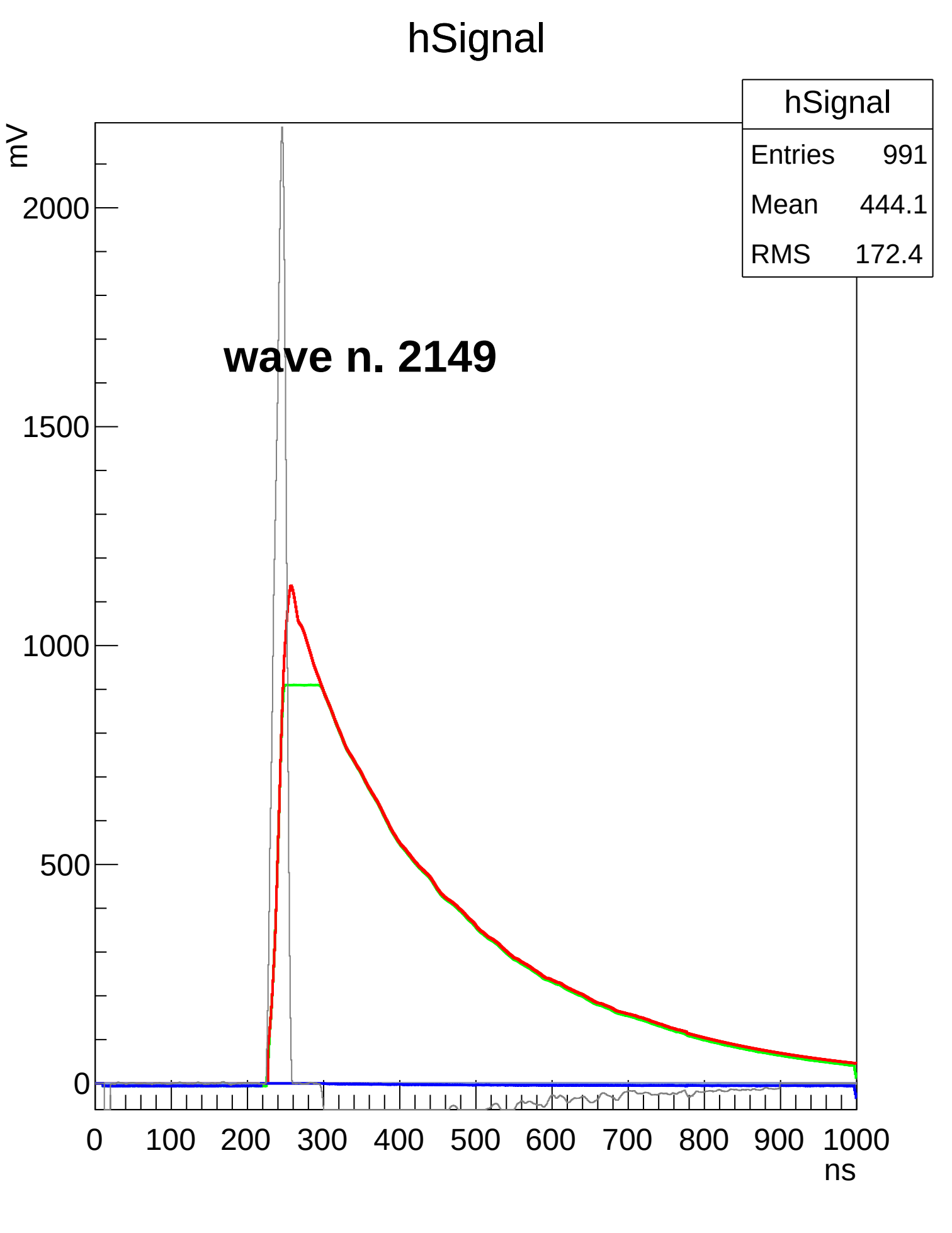
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 444.1
RMS 172.4
wave n. 2149
mV
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1500
1000
500
0
0
100
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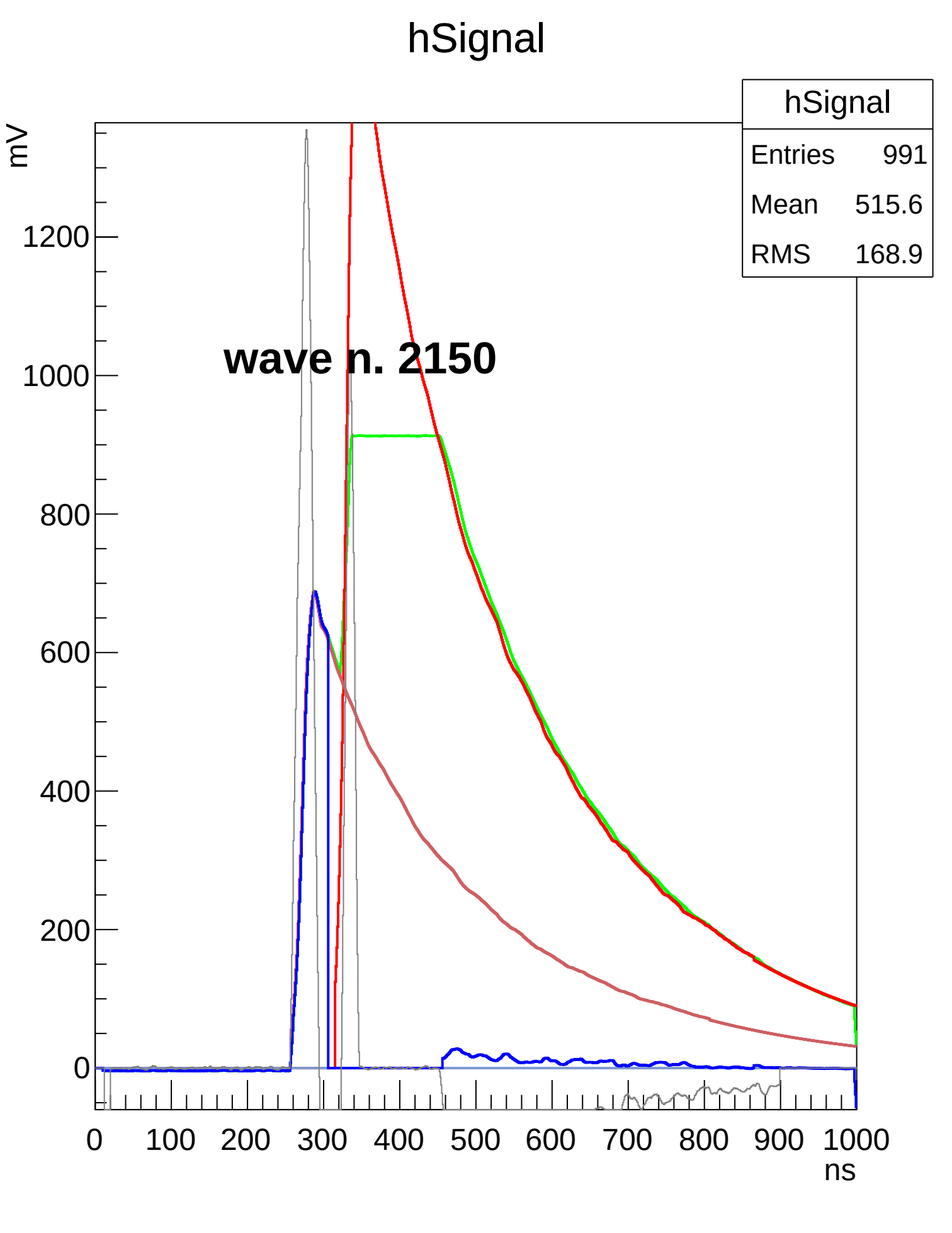
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.6
RMS 168.9
wave n. 2150
mV
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1000
800
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400
200
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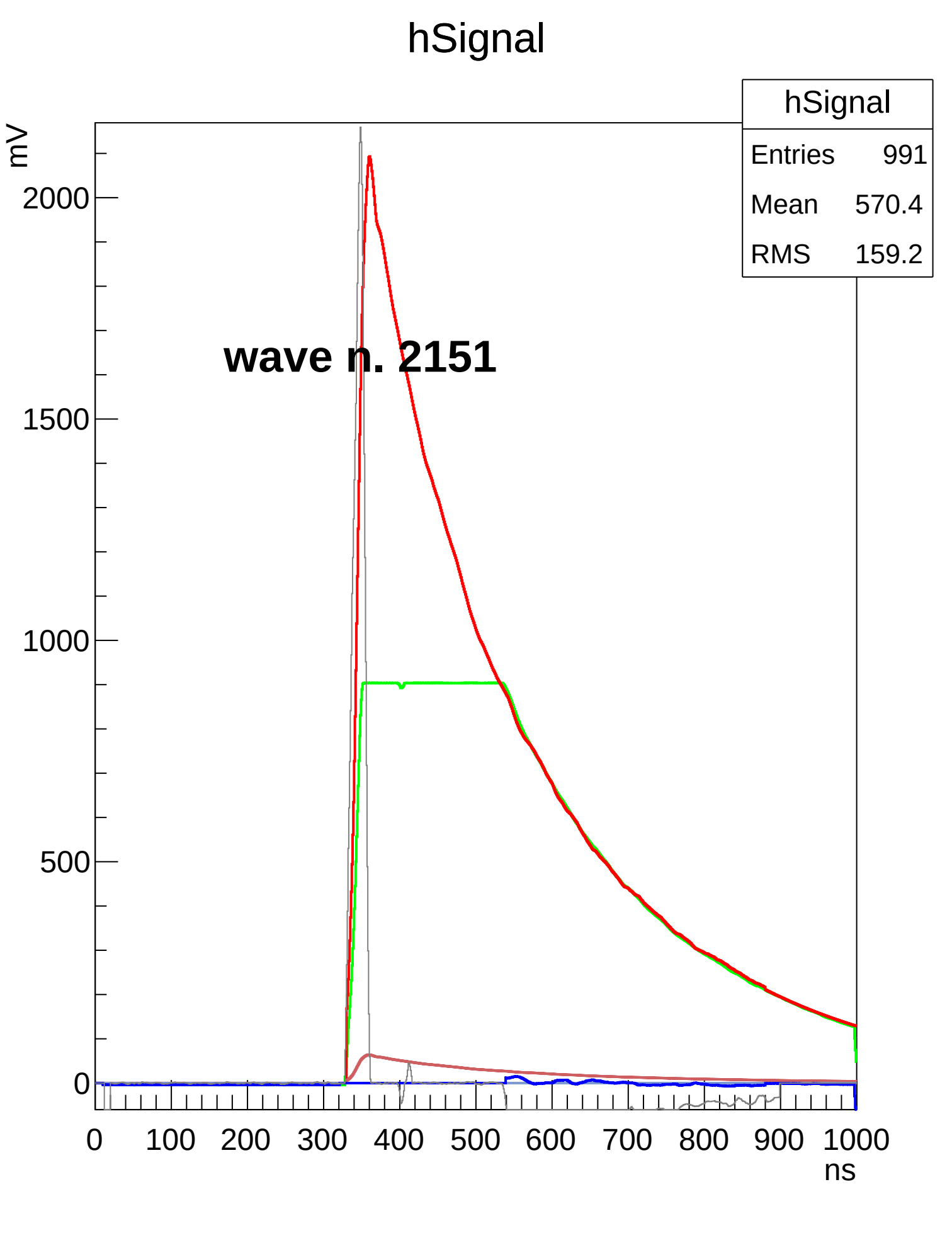
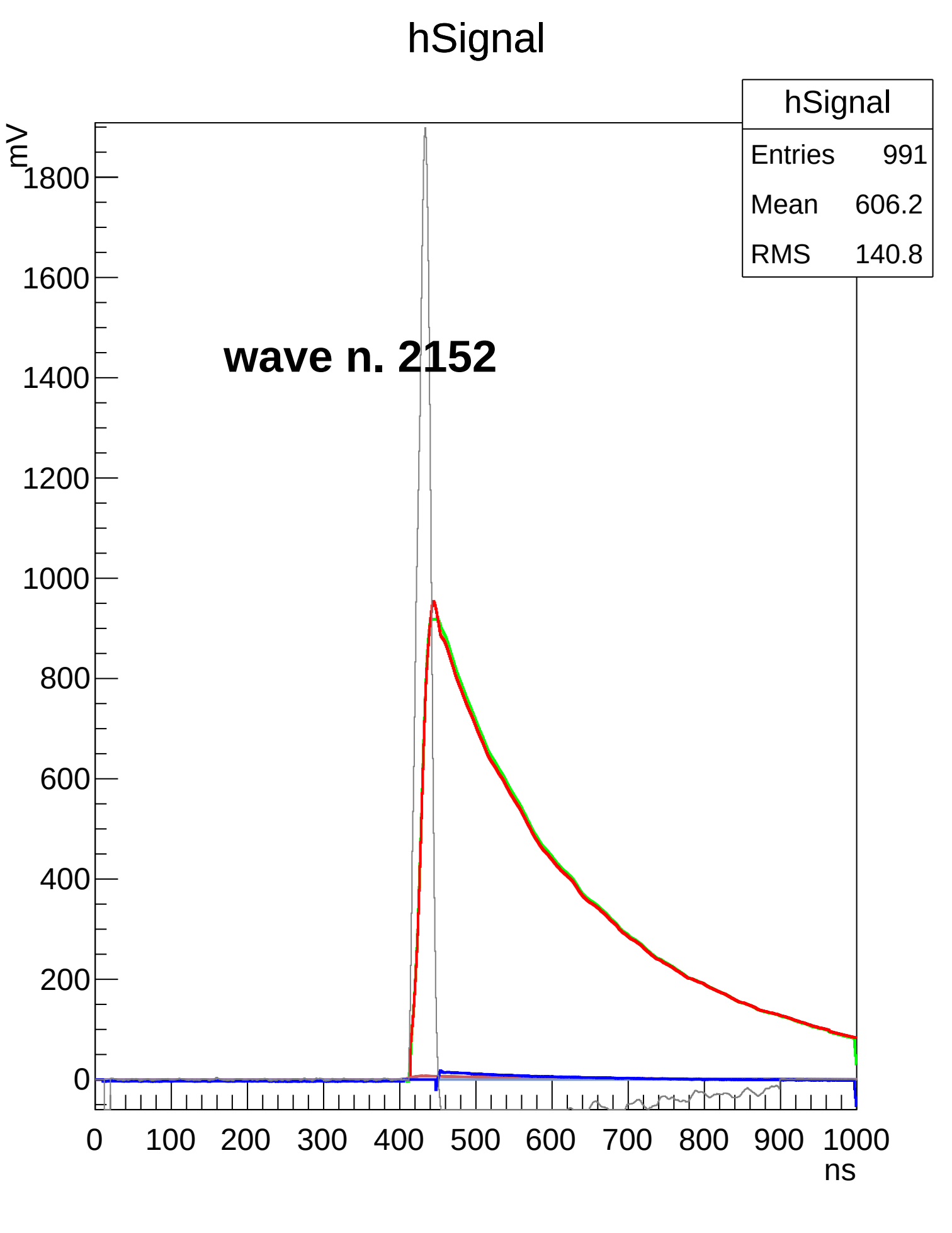
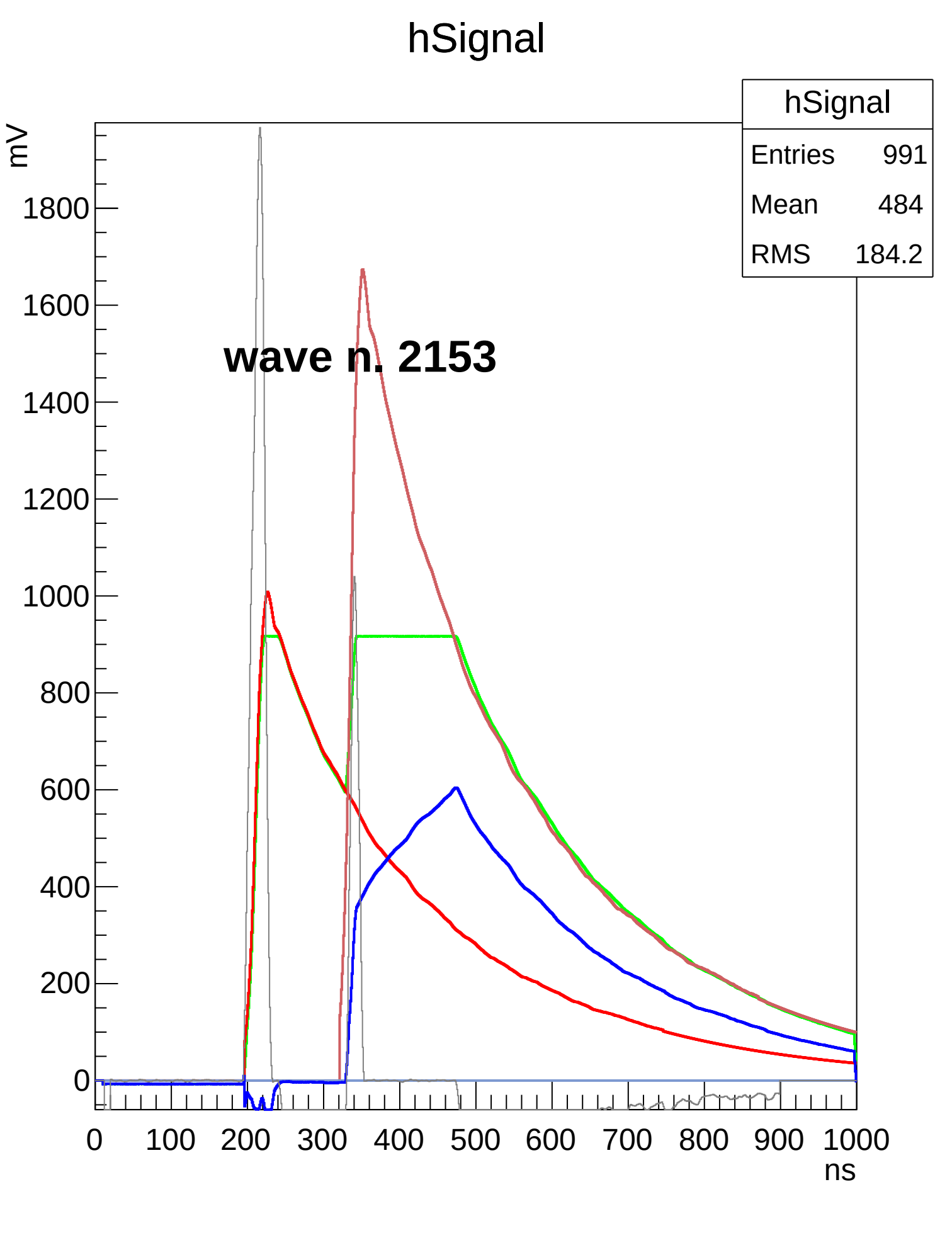
ns


hSignal
hSignal
Entries 991
Mean 570.4
RMS 159.2
wave n. 2151
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 606.2
RMS 140.8
wave n. 2152
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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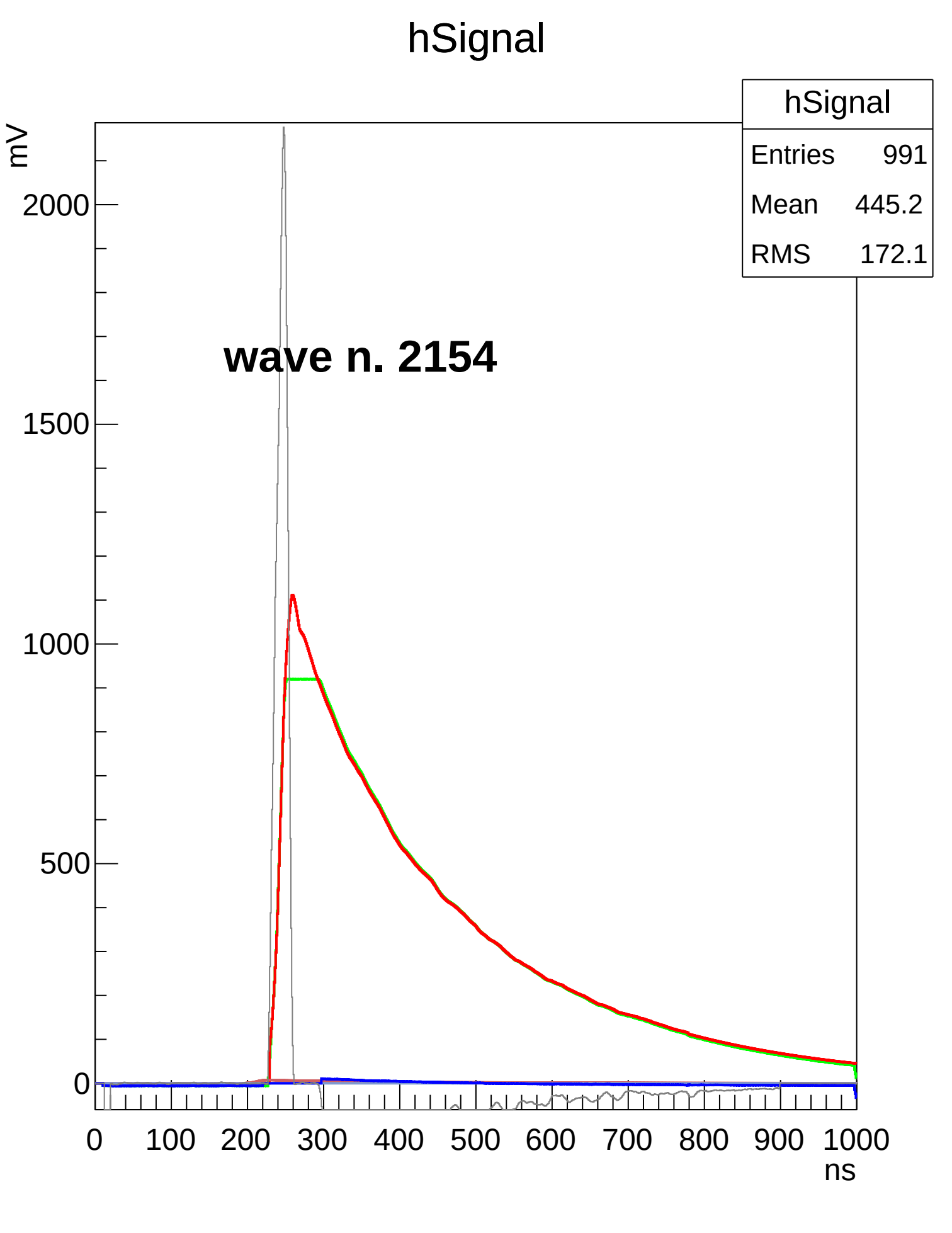
hSignal
Entries 991
Mean 484
RMS 184.2
wave n. 2153
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 445.2
RMS 172.1
wave n. 2154
mV
2000
1500
1000
500
0
0
100
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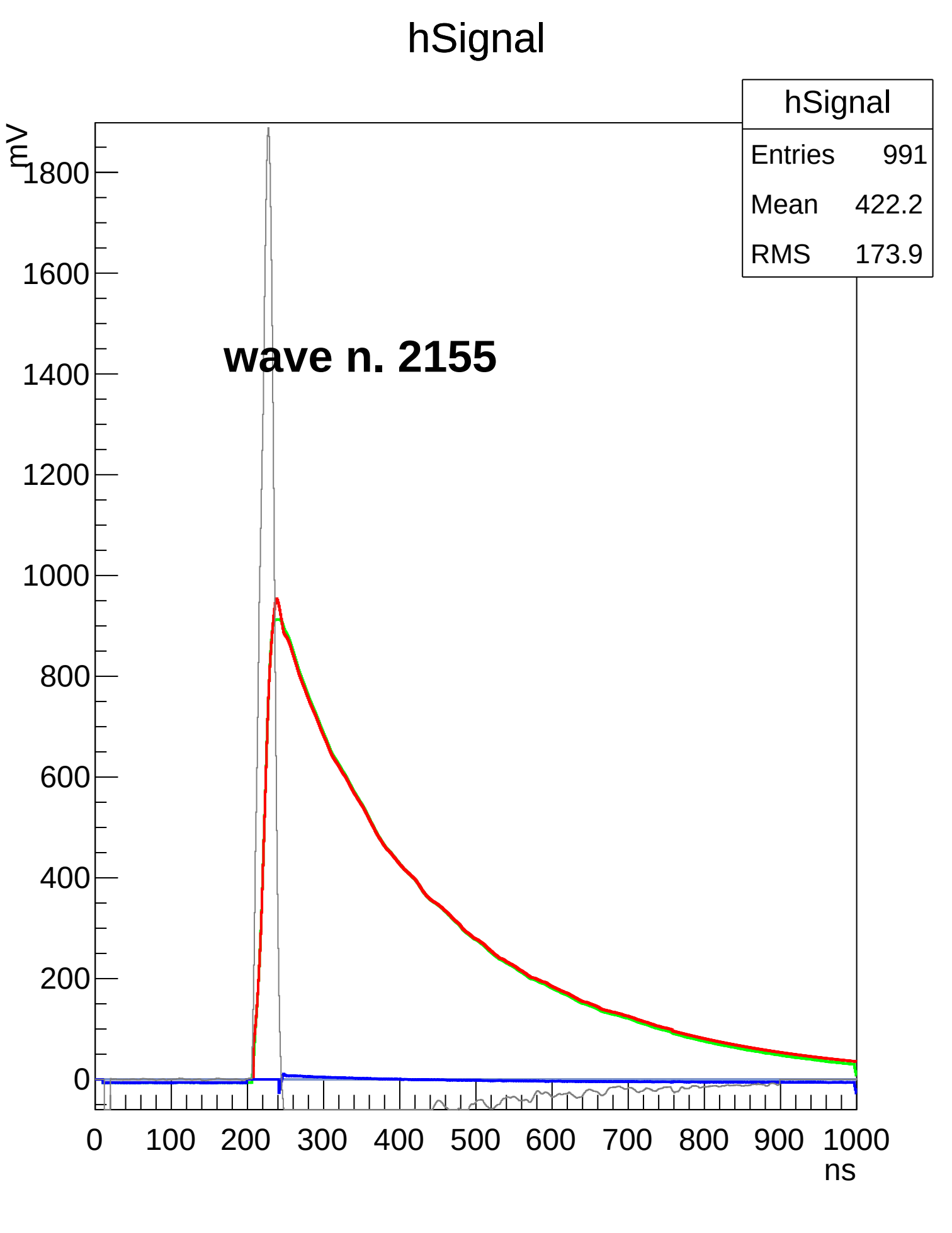
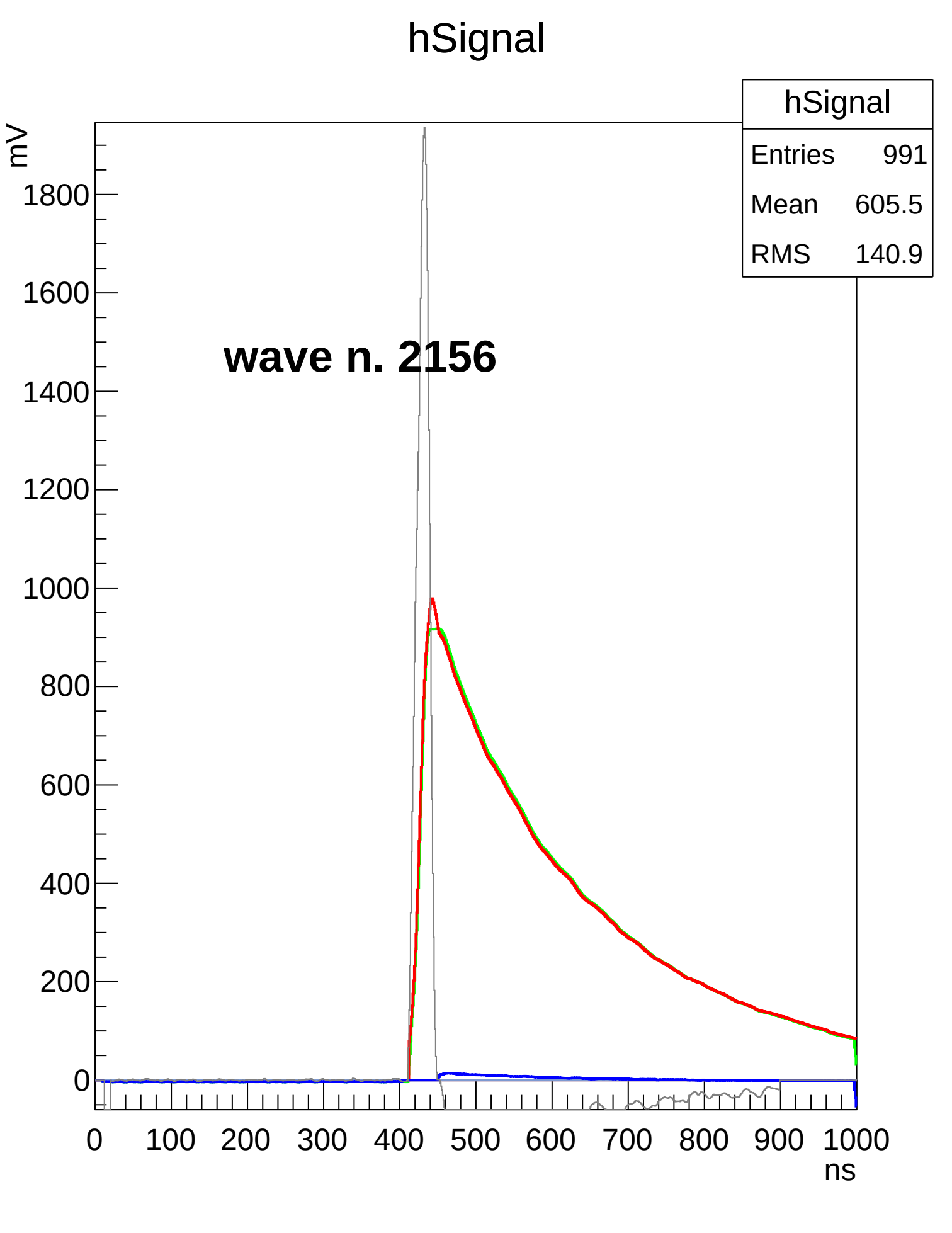
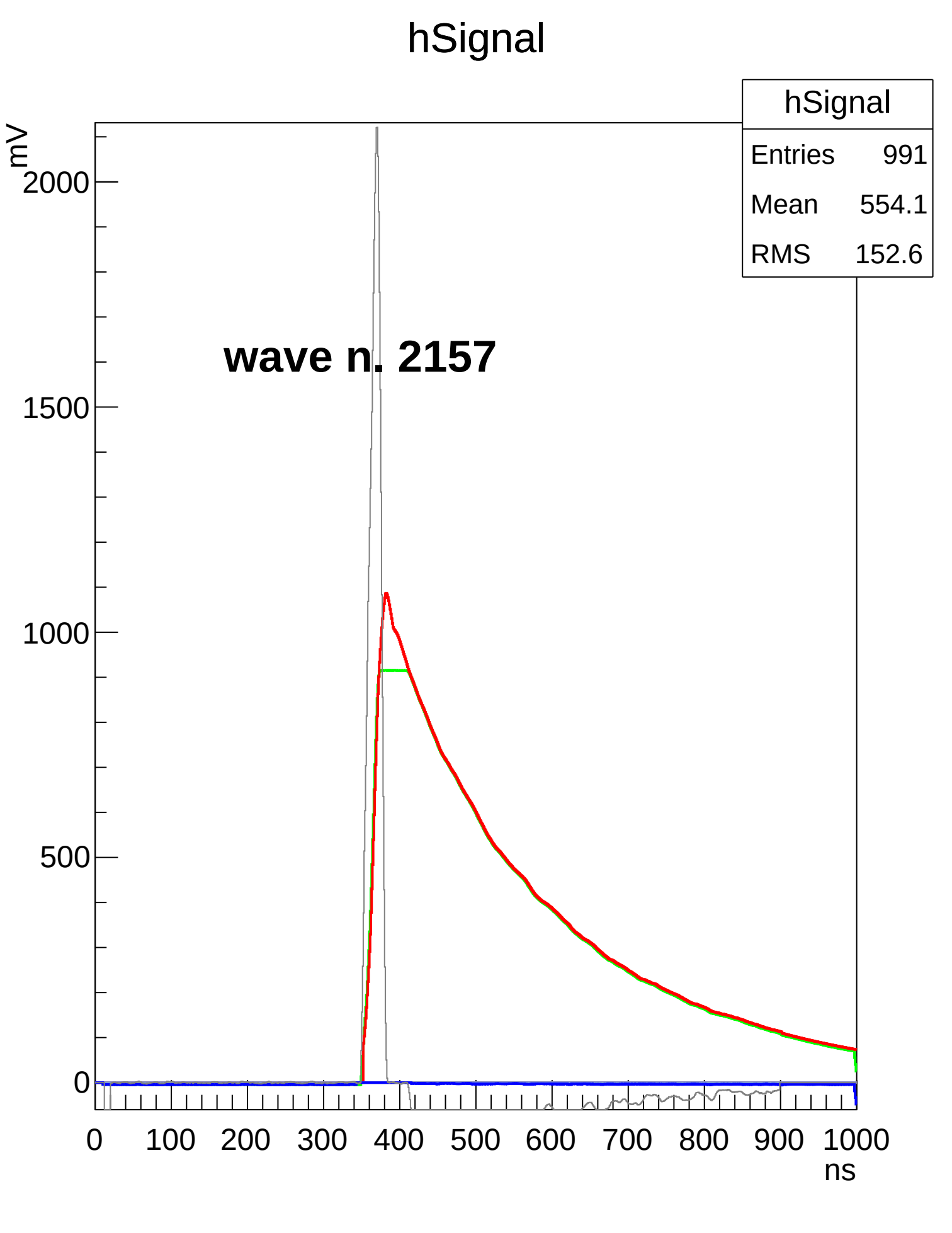
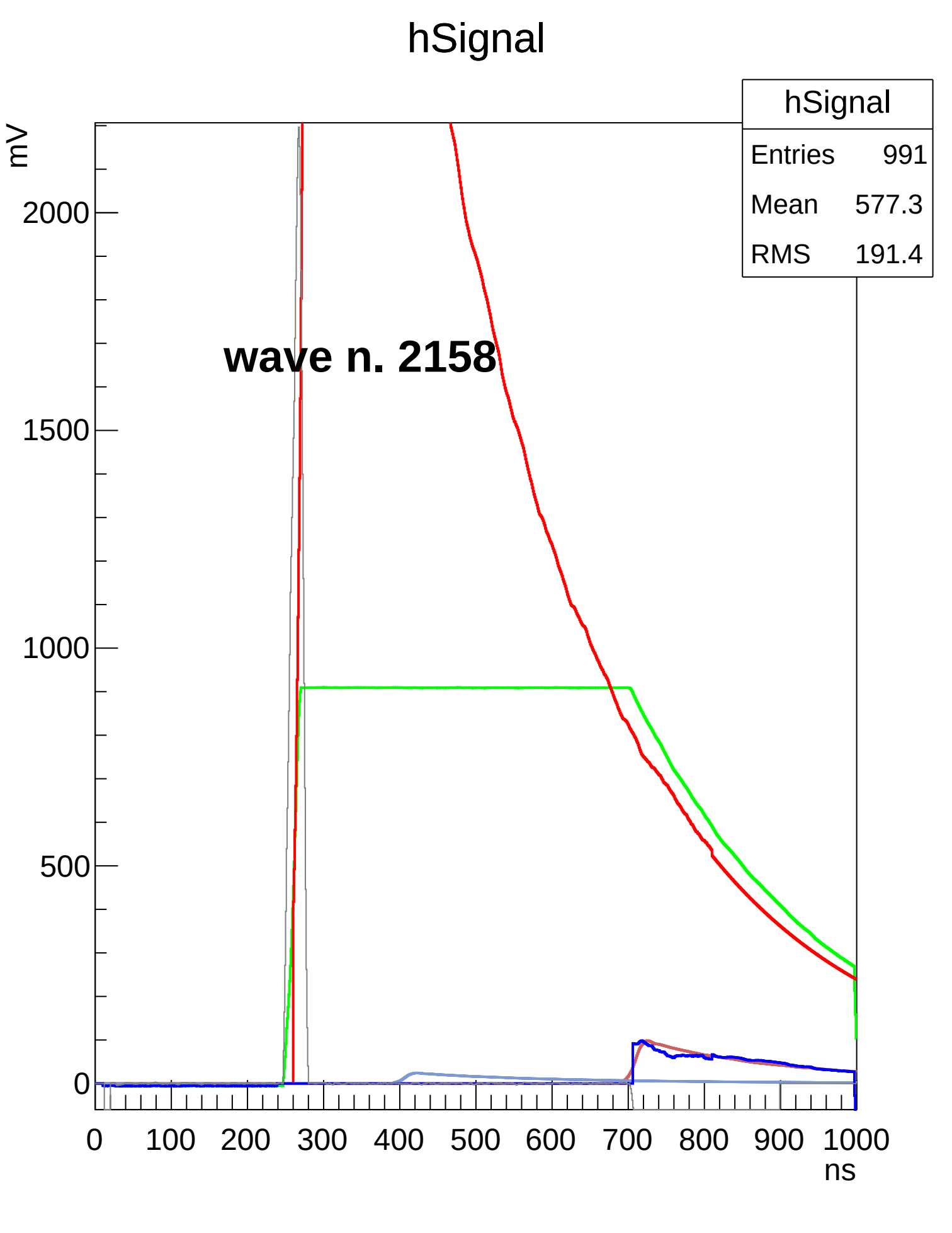
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 422.2
RMS 173.9
wave n. 2155
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 605.5
RMS 140.9
wave n. 2156
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 554.1
RMS 152.6
wave n. 2157
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.3
RMS 191.4
wave n. 2158
mV
2000
1500
1000
500
0
0
100
200
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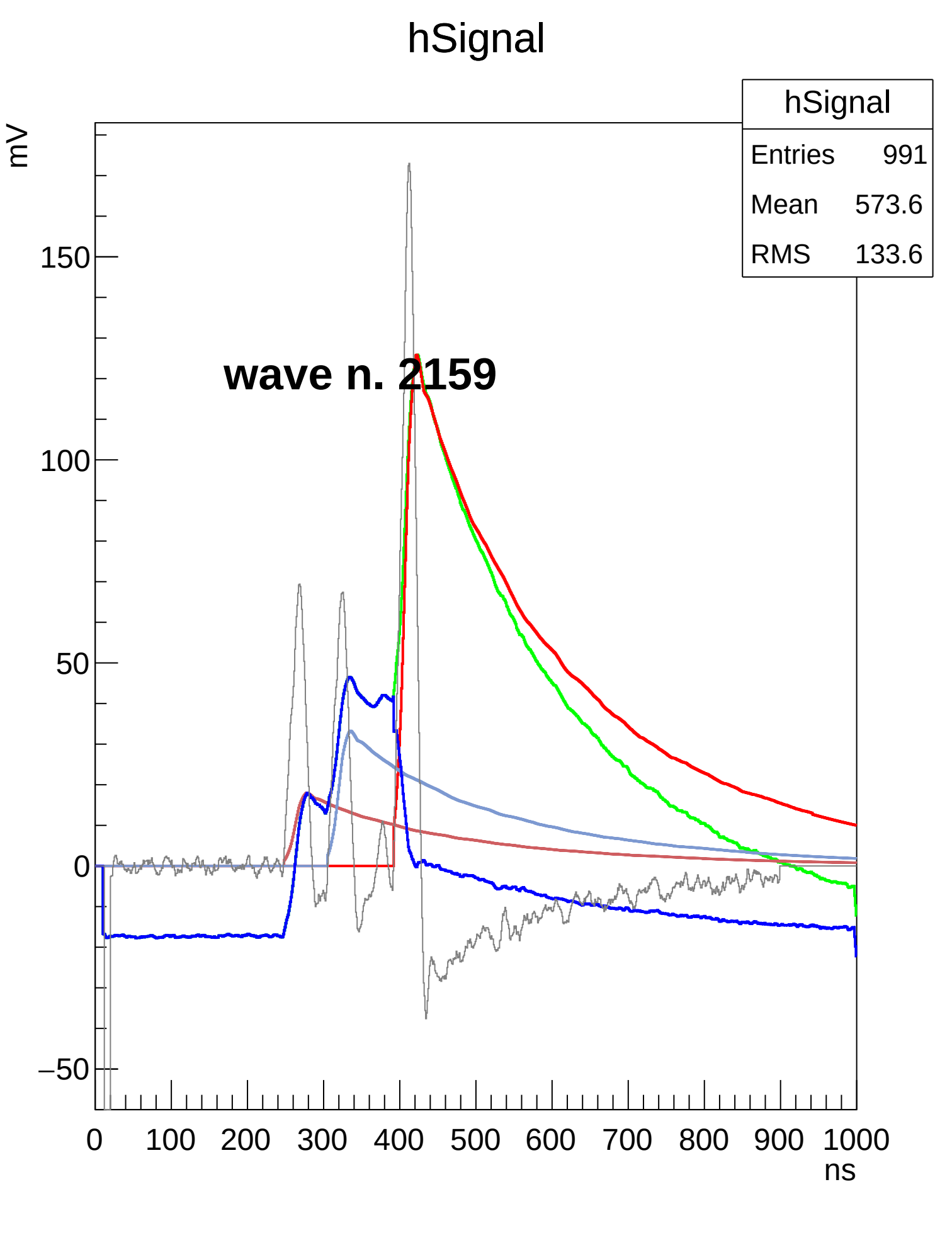
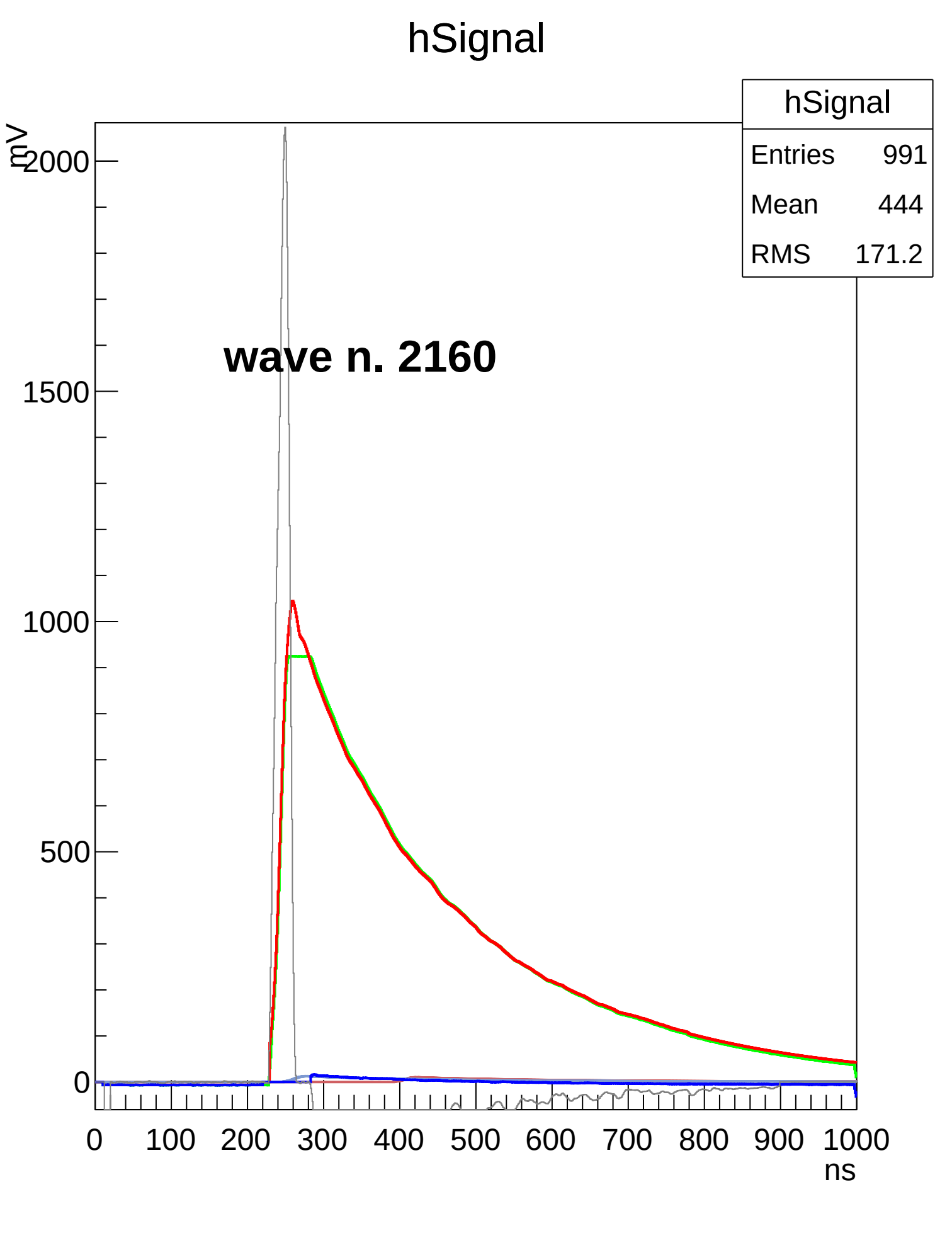
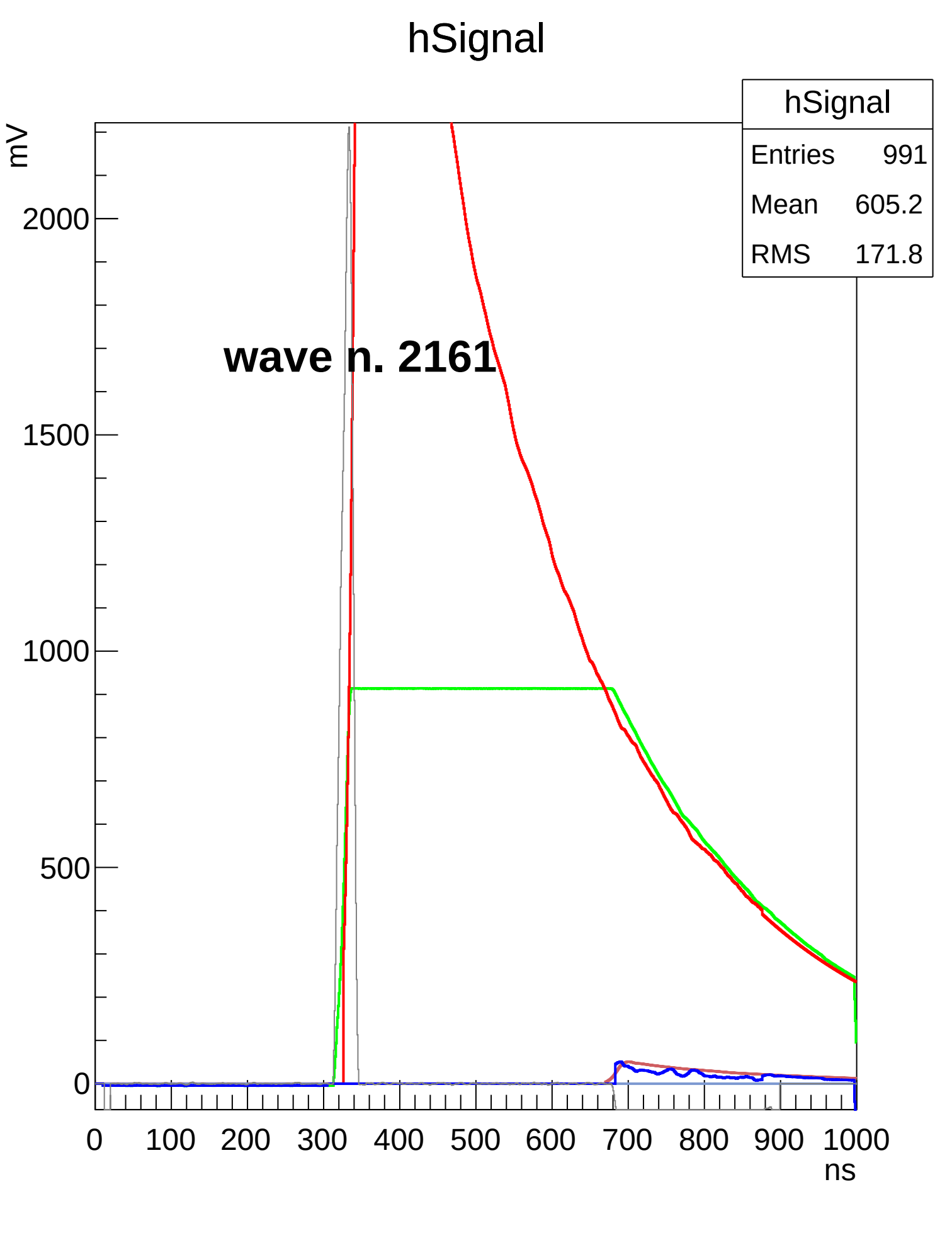
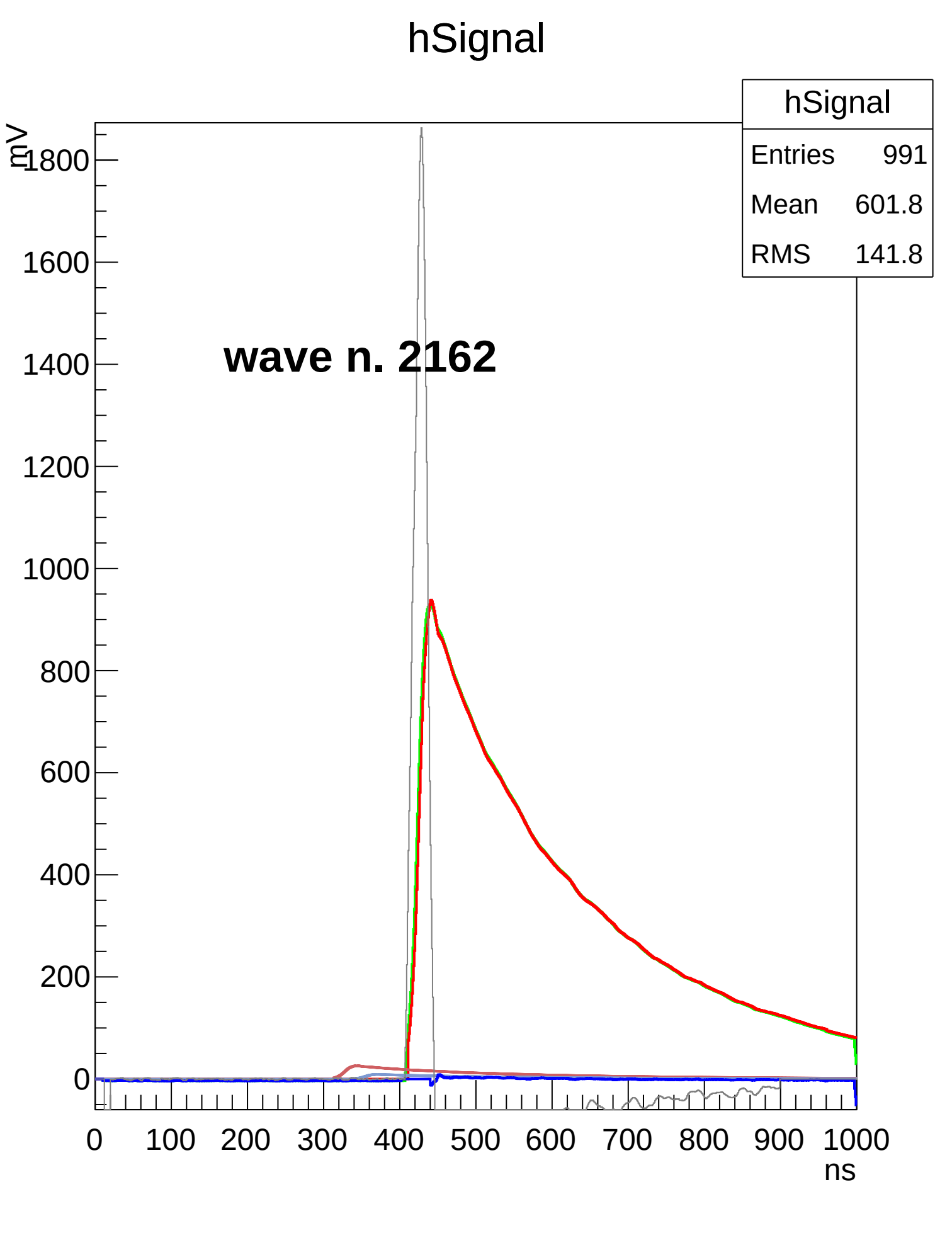
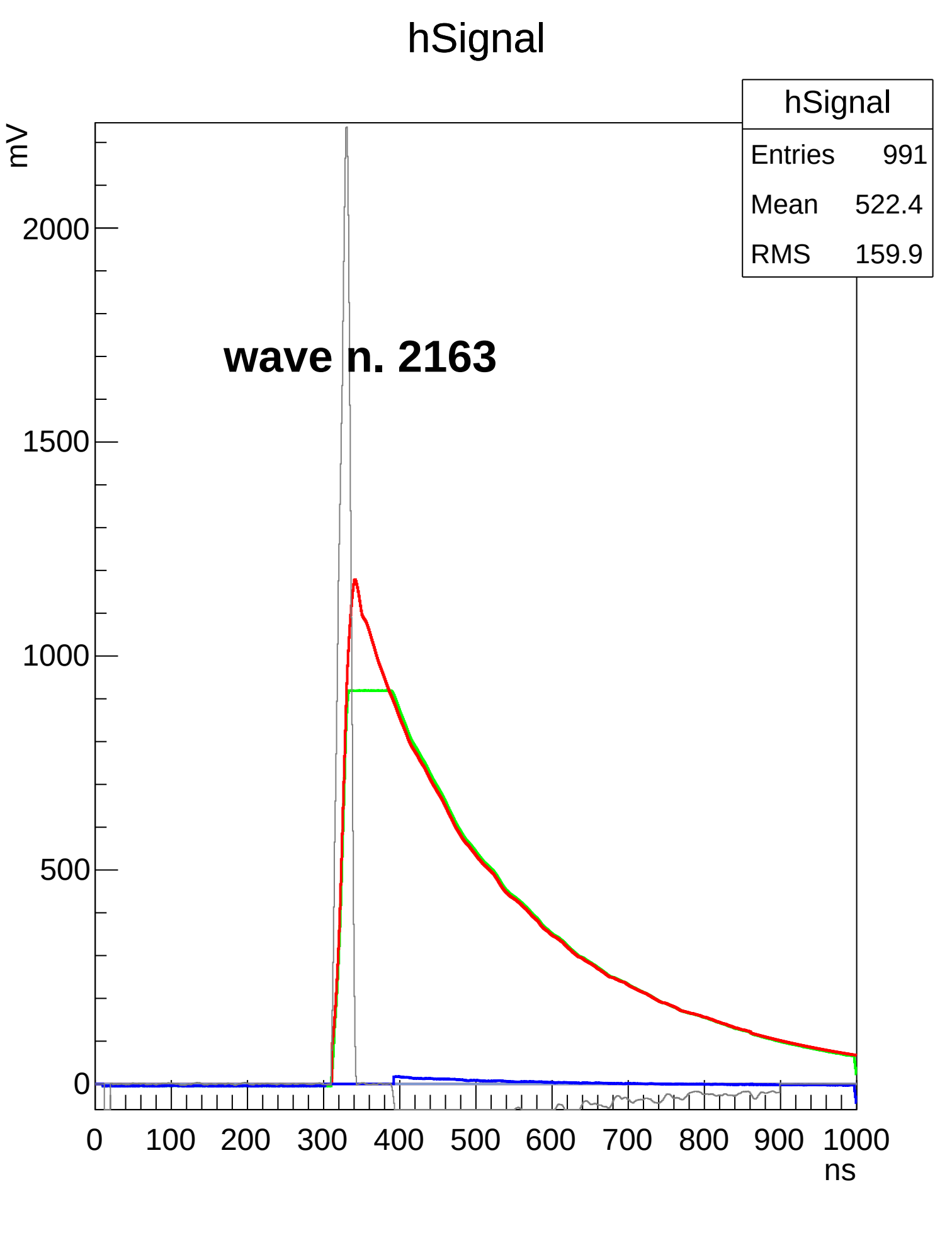
700
800
900
1000
ns

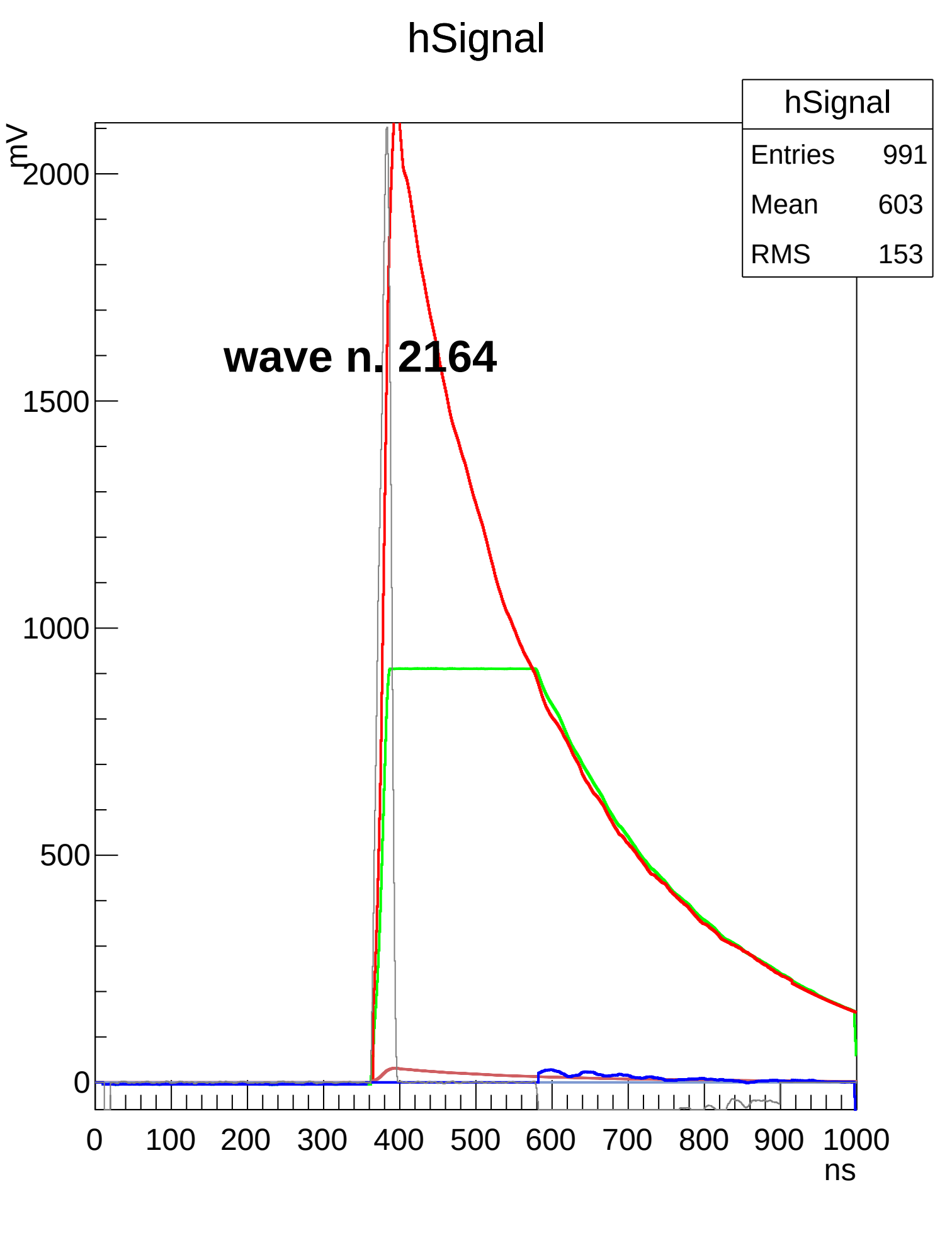

hSignal
hSignal
Entries 991
Mean 573.6
RMS 133.6
wave n. 2159
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

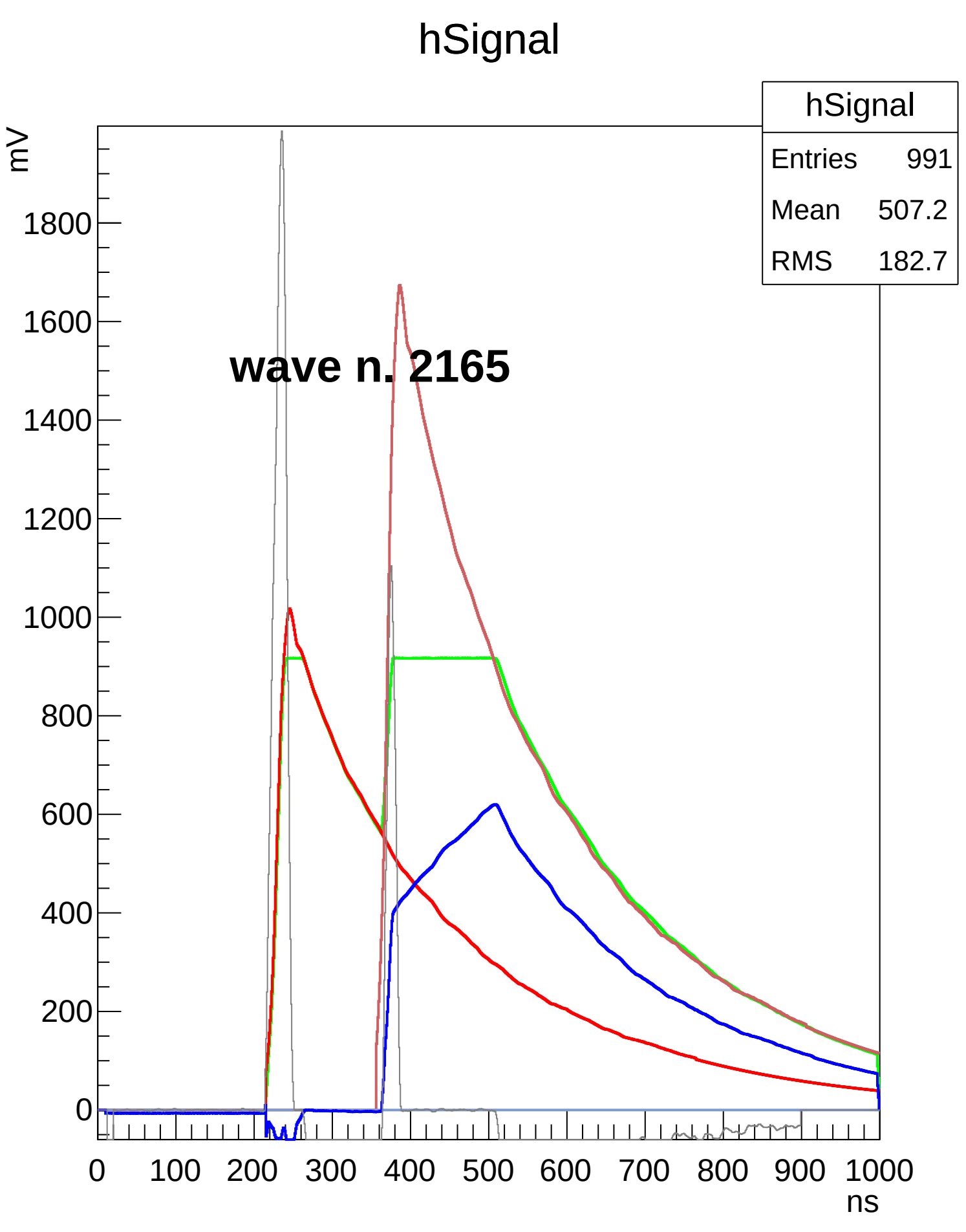

hSignal
hSignal
Entries 991
Mean 444
RMS 171.2
wave n. 2160
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

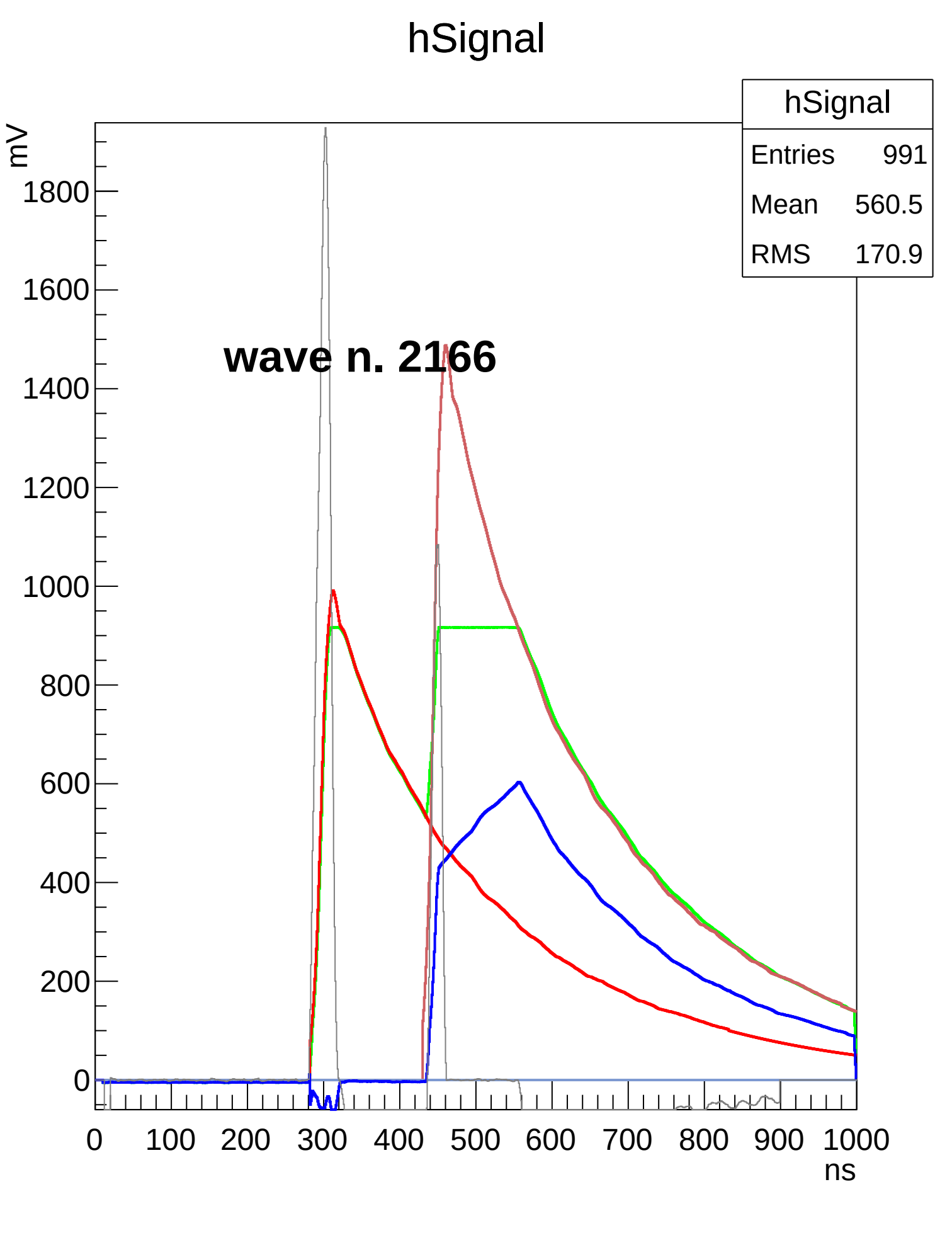

hSignal
hSignal
Entries 991
Mean 605.2
RMS 171.8
wave n. 2161
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

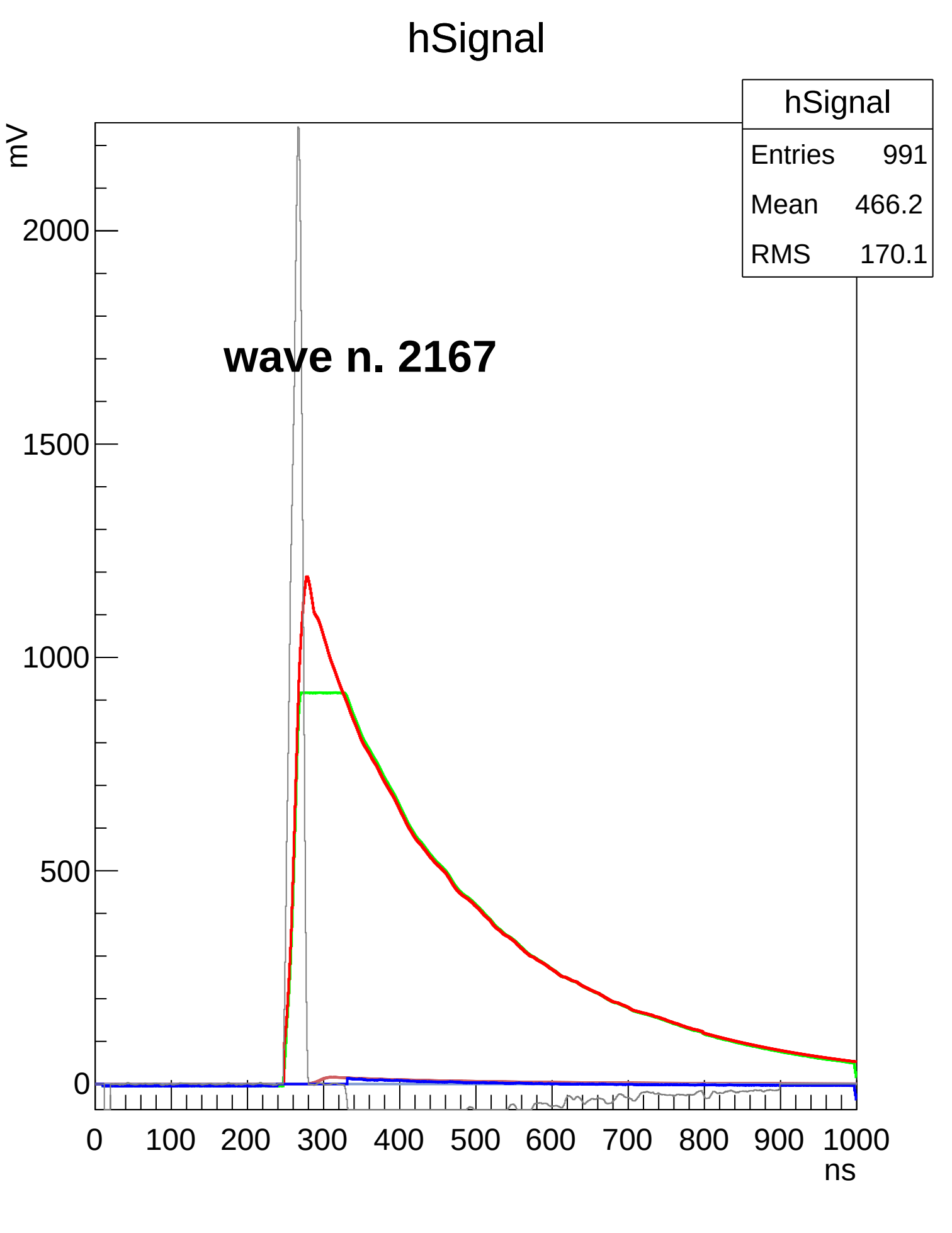

hSignal
hSignal
Entries 991
Mean 601.8
RMS 141.8
wave n. 2162
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 522.4
RMS 159.9
wave n. 2163
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 603
RMS 153
wave n. 2164
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 507.2
RMS 182.7
wave n. 2165
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 560.5
RMS 170.9
wave n. 2166
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 466.2
RMS 170.1
wave n. 2167
mV
2000
1500
1000
500
0
0
100
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400
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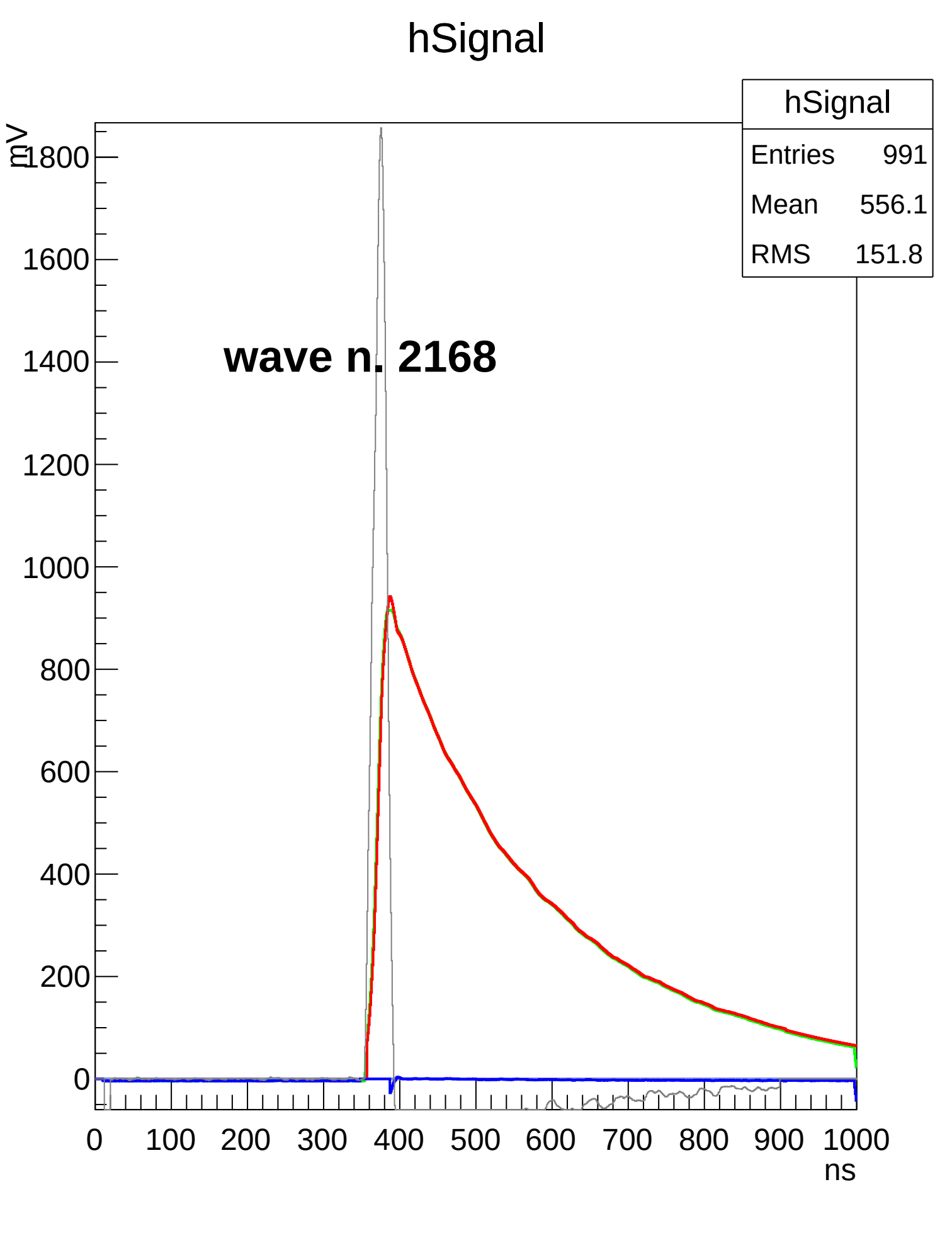
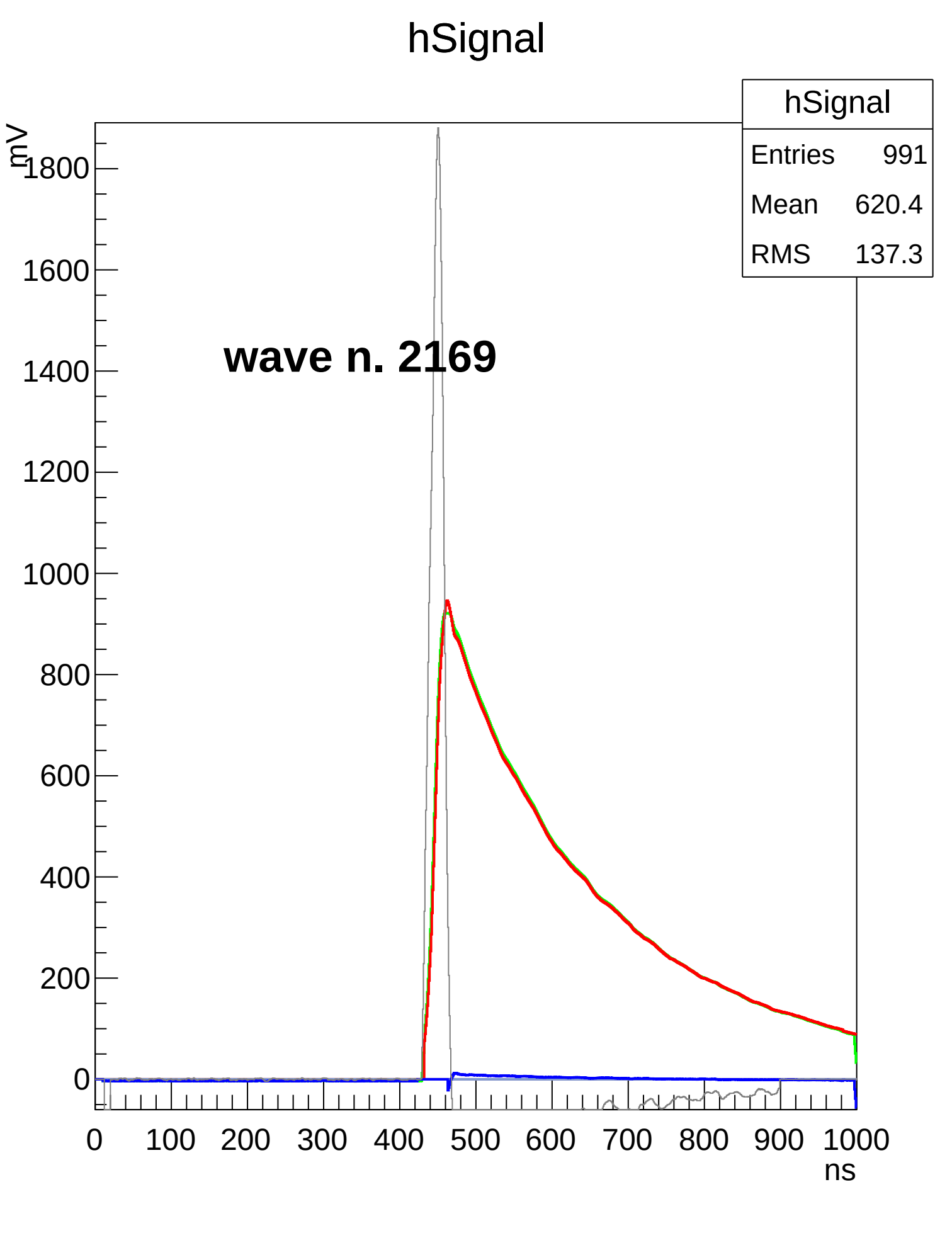
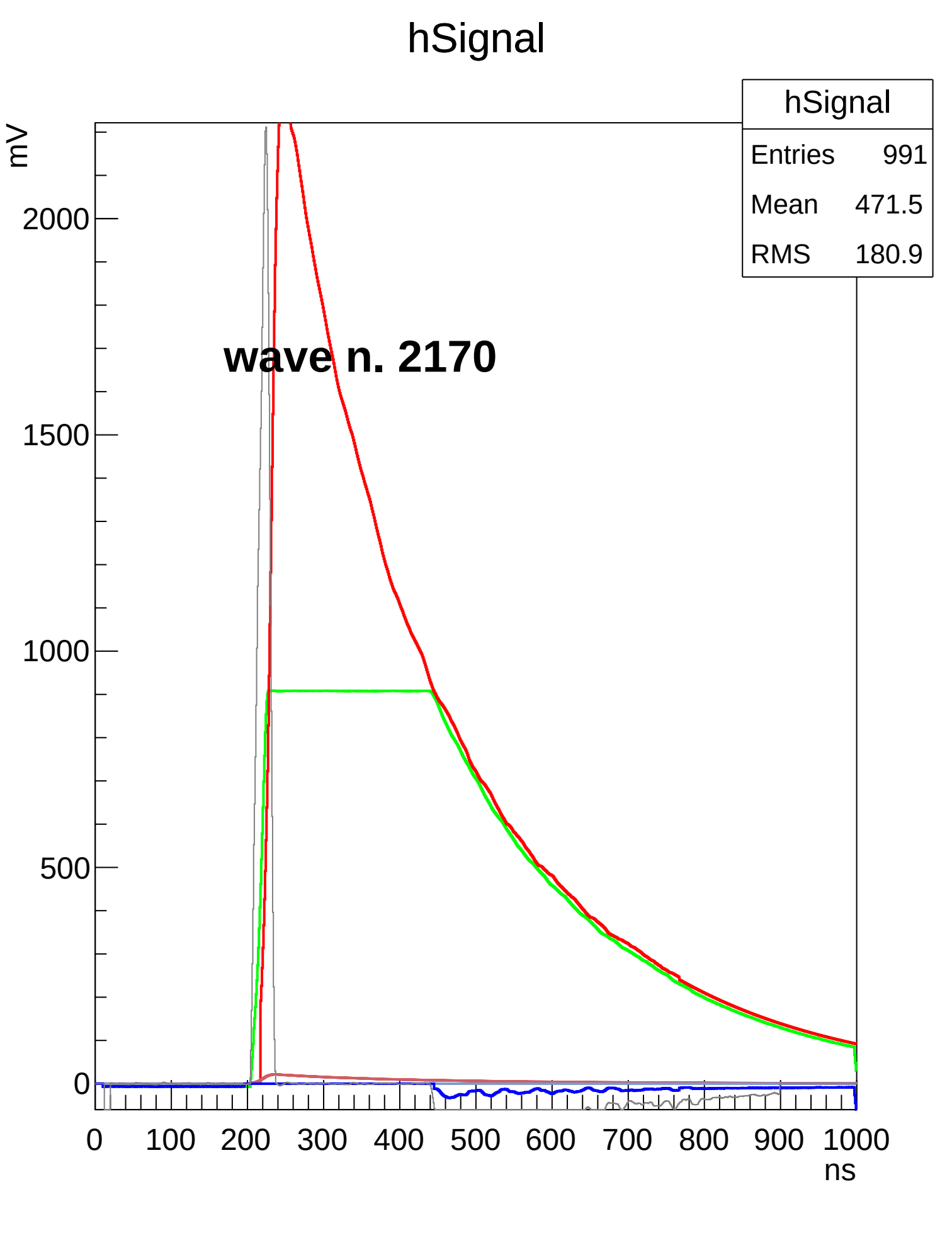
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.1
RMS 151.8
wave n. 2168
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 620.4
RMS 137.3
wave n. 2169
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 471.5
RMS 180.9
wave n. 2170
mV
2000
1500
1000
500
0
0
100
200
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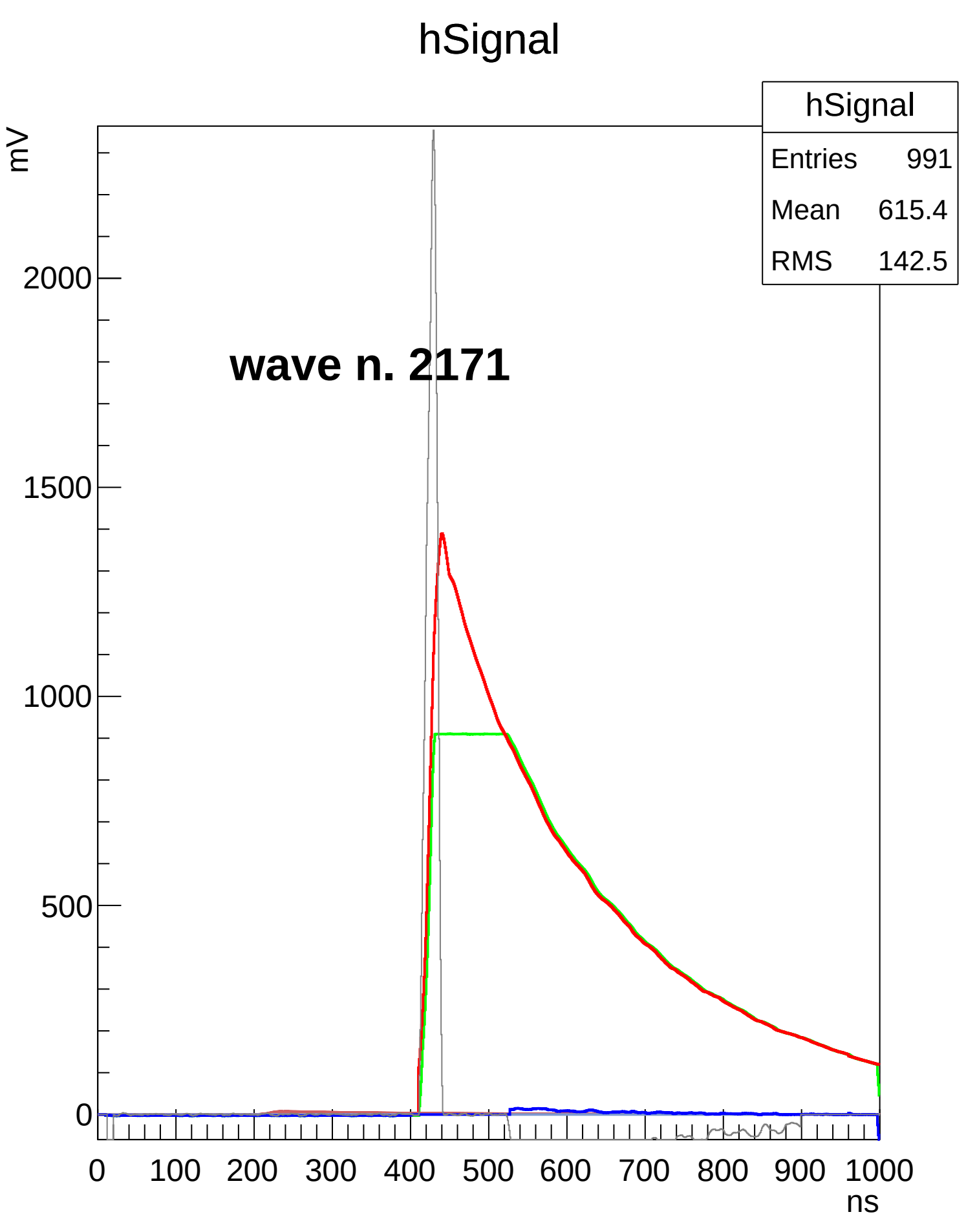
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 615.4
RMS 142.5
wave n. 2171
mV
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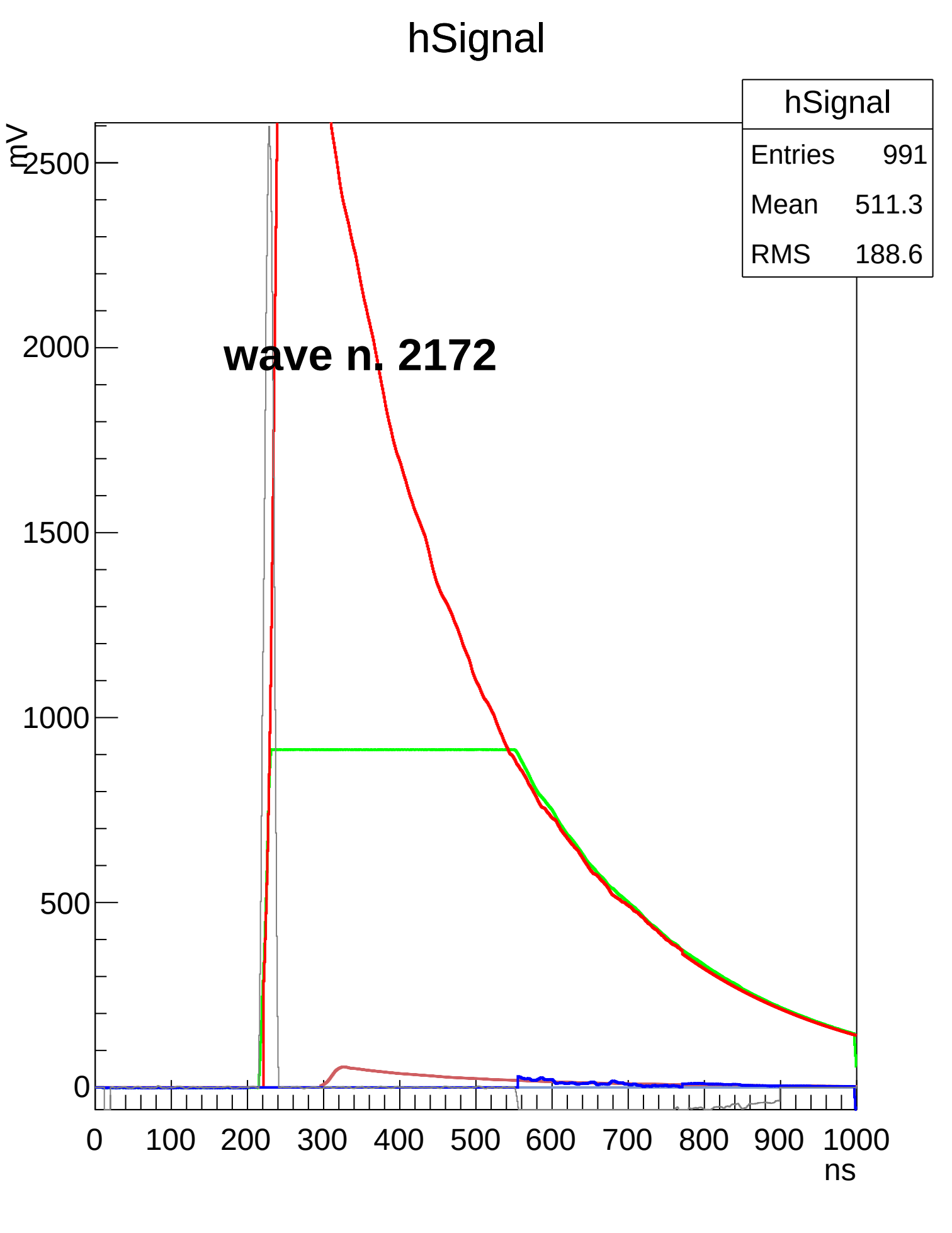
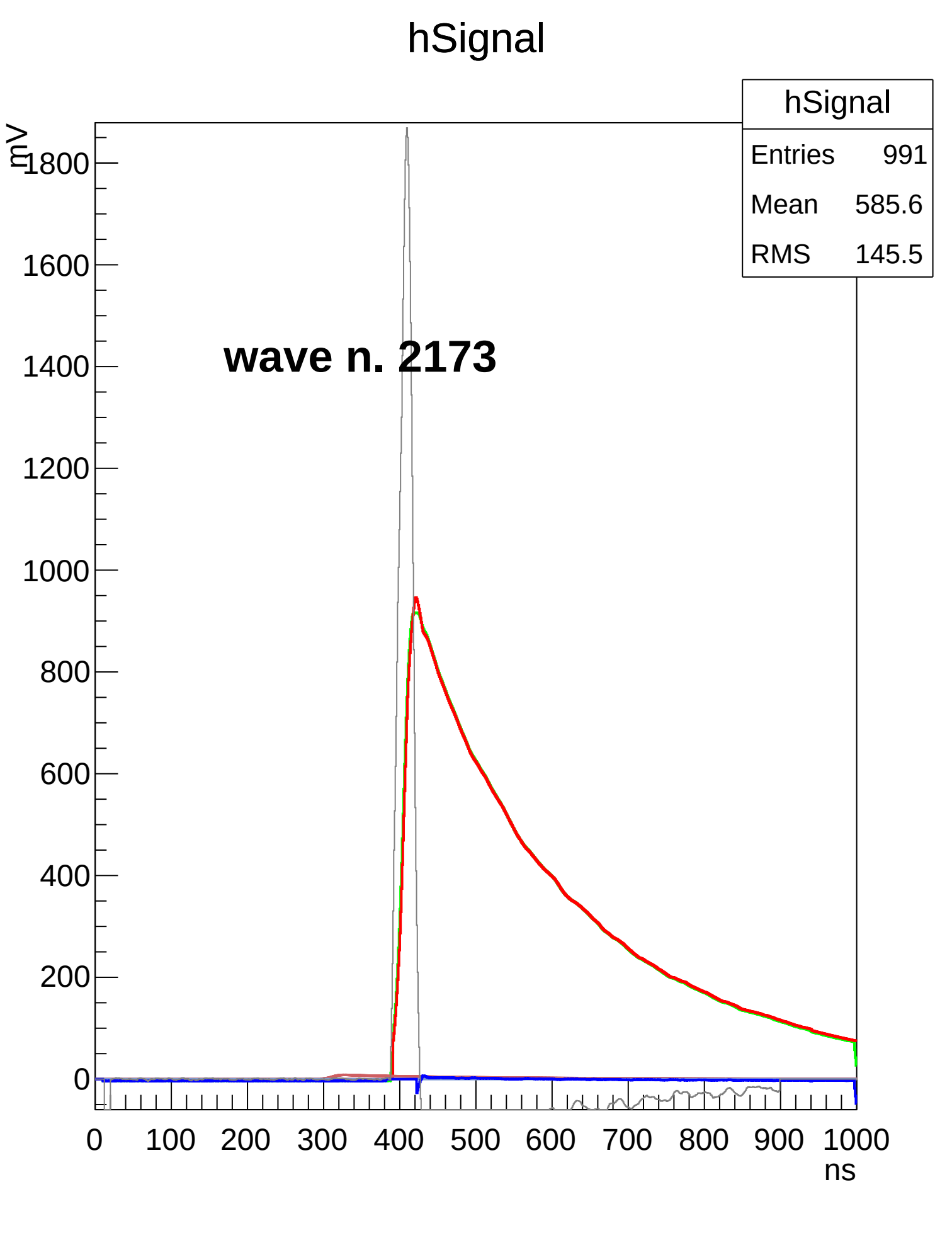
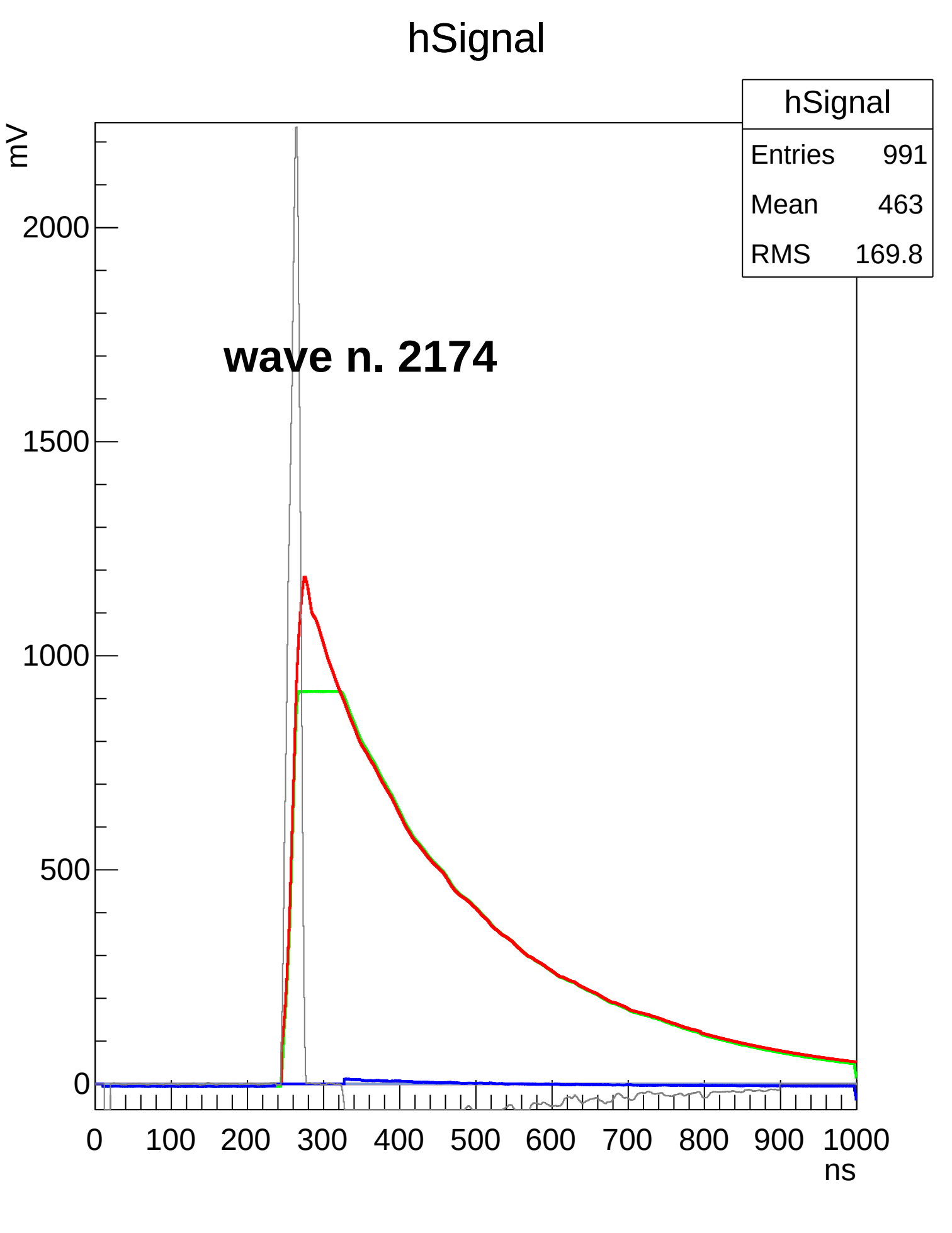
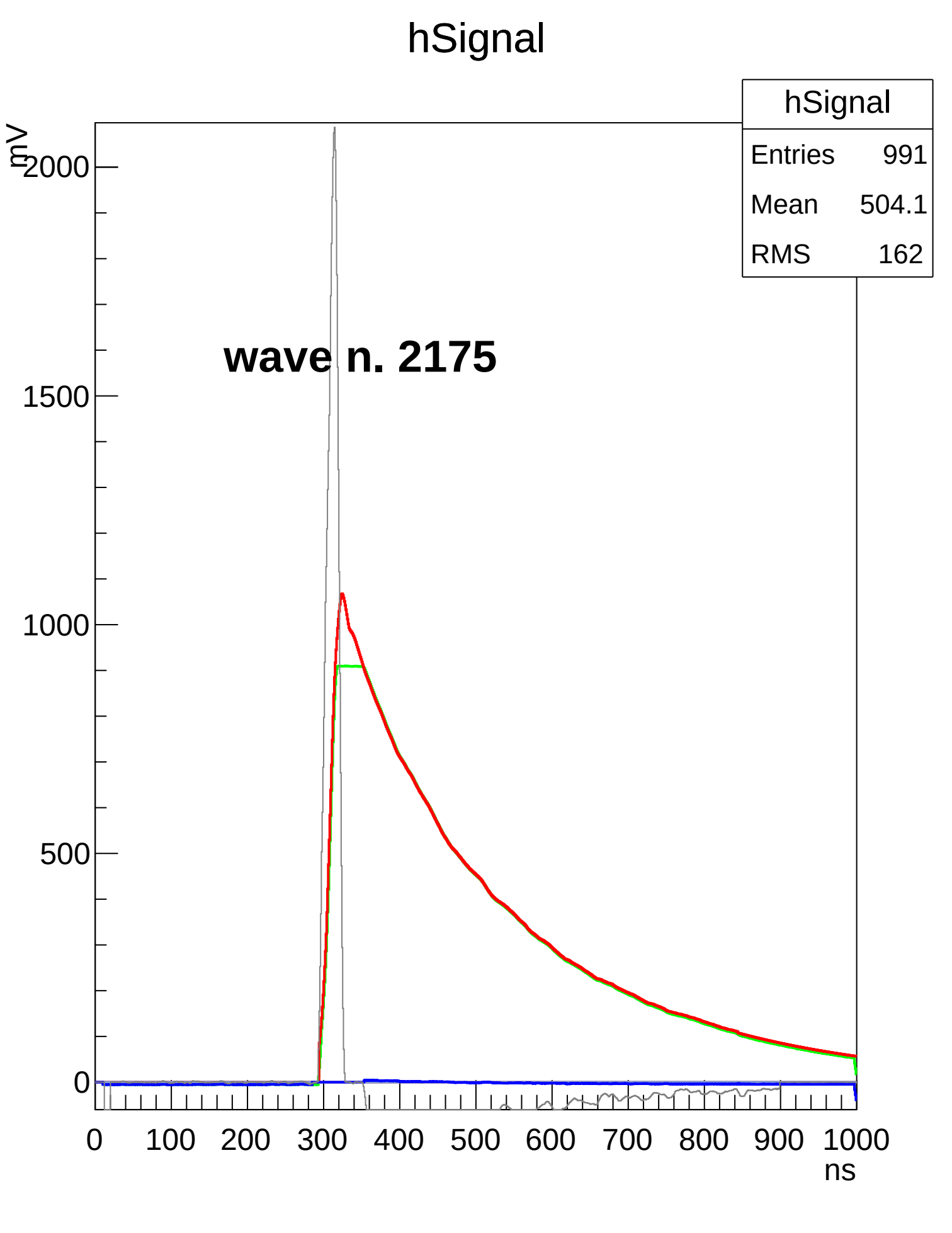
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 511.3
RMS 188.6
wave n. 2172
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 585.6
RMS 145.5
wave n. 2173
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 463
RMS 169.8
wave n. 2174
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 504.1
RMS 162
wave n. 2175
mV
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1500
1000
500
0
0
100
200
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400
500
600
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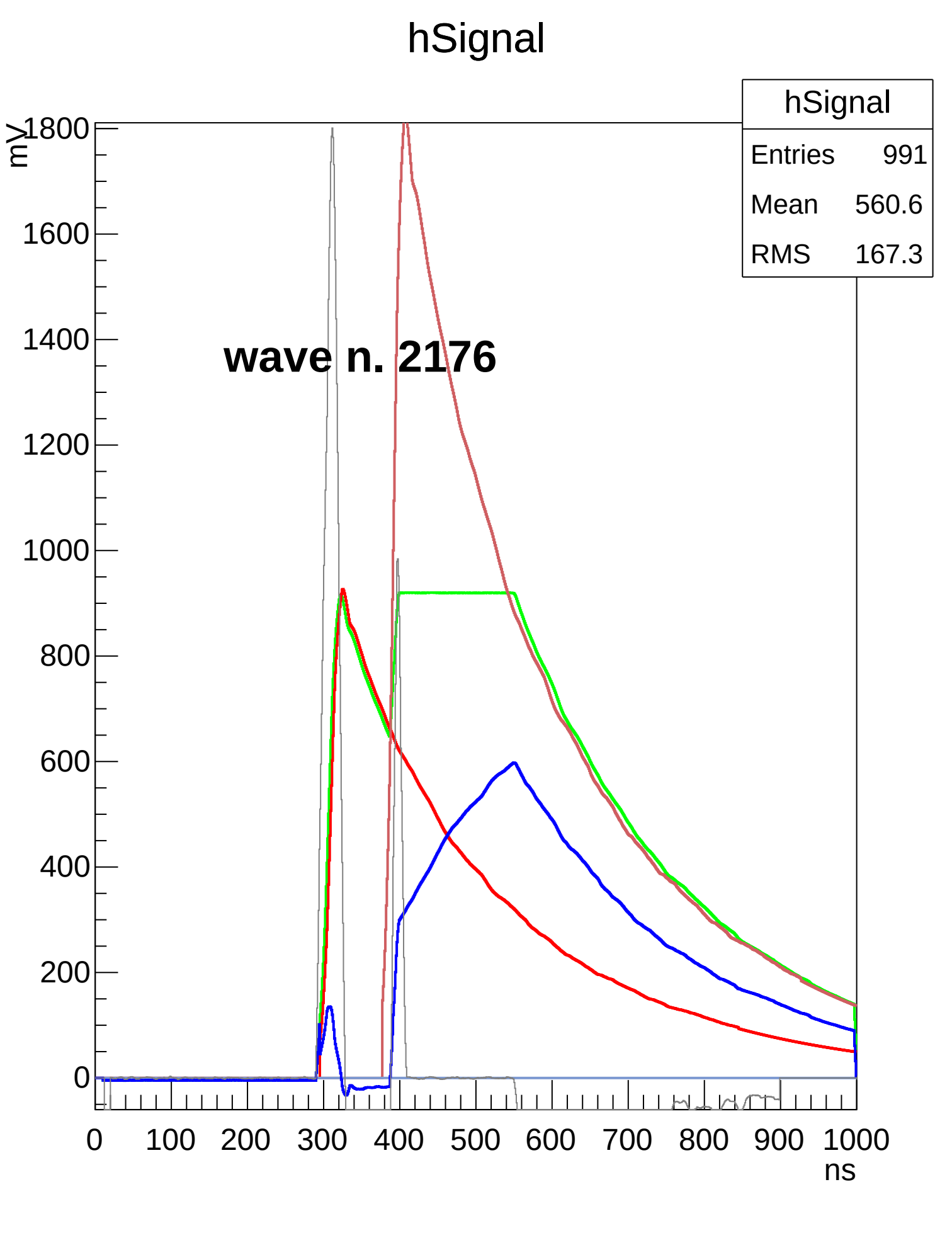
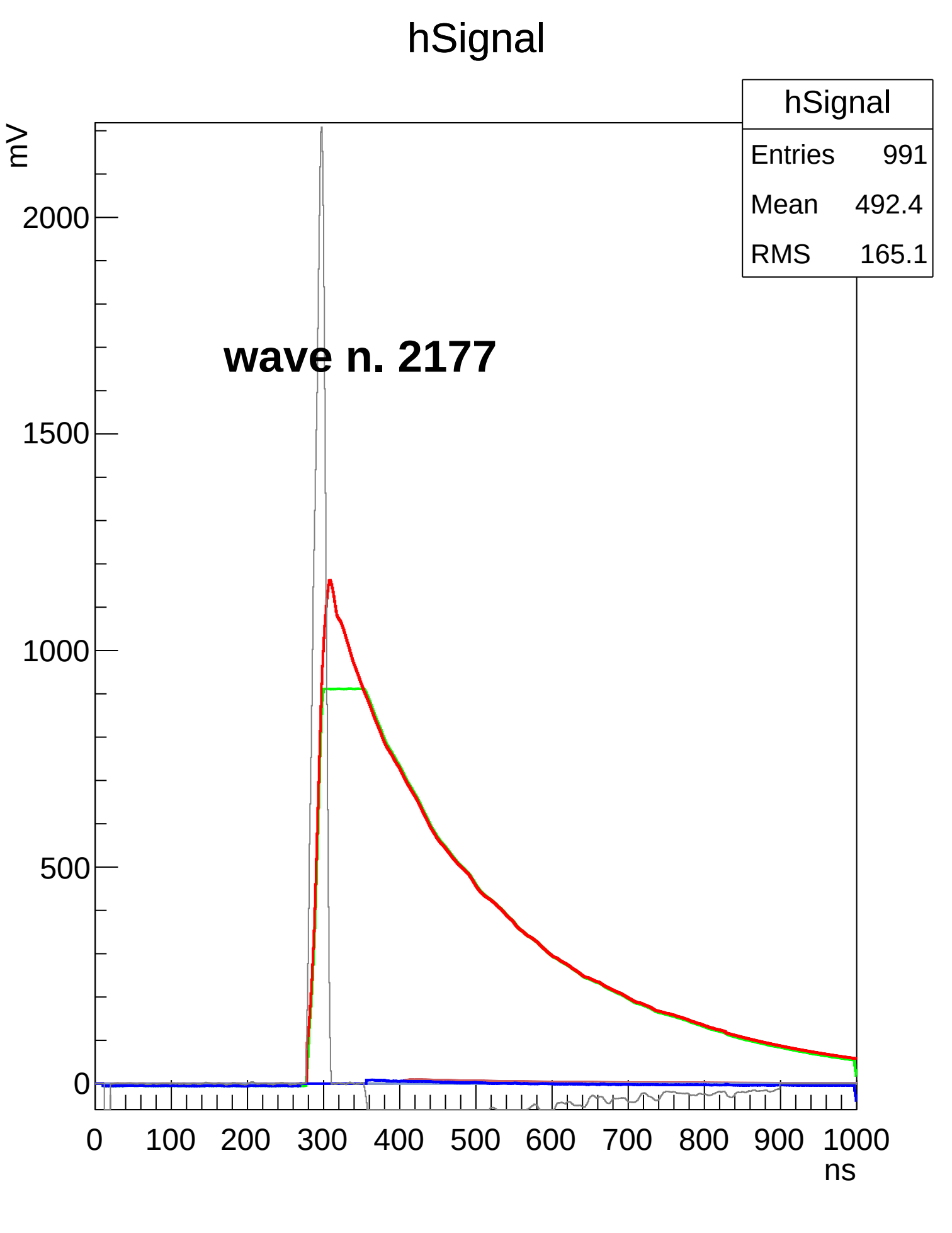
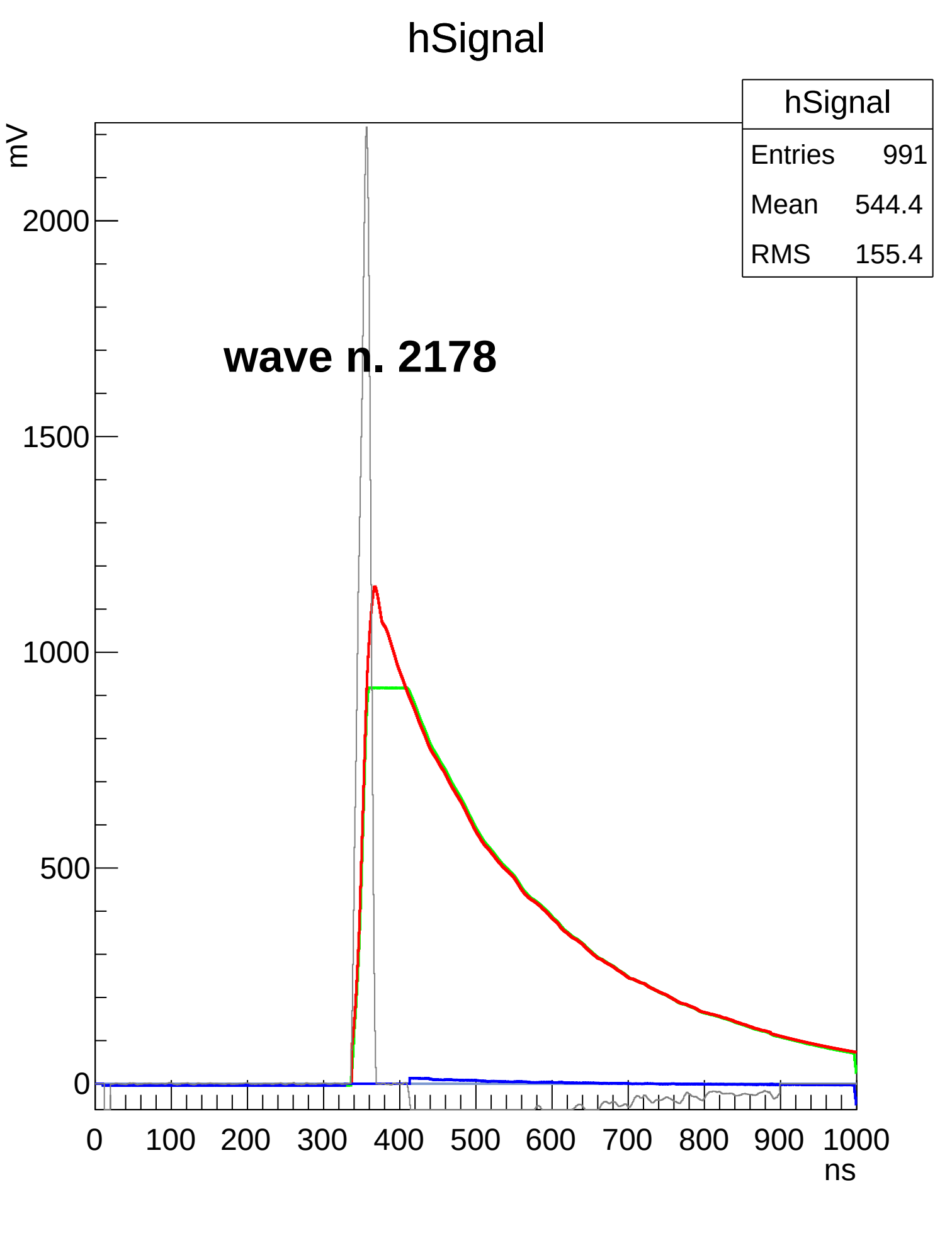
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.6
RMS 167.3
wave n. 2176
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 492.4
RMS 165.1
wave n. 2177
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 544.4
RMS 155.4
wave n. 2178
mV
2000
1500
1000
500
0
0
100
200
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400
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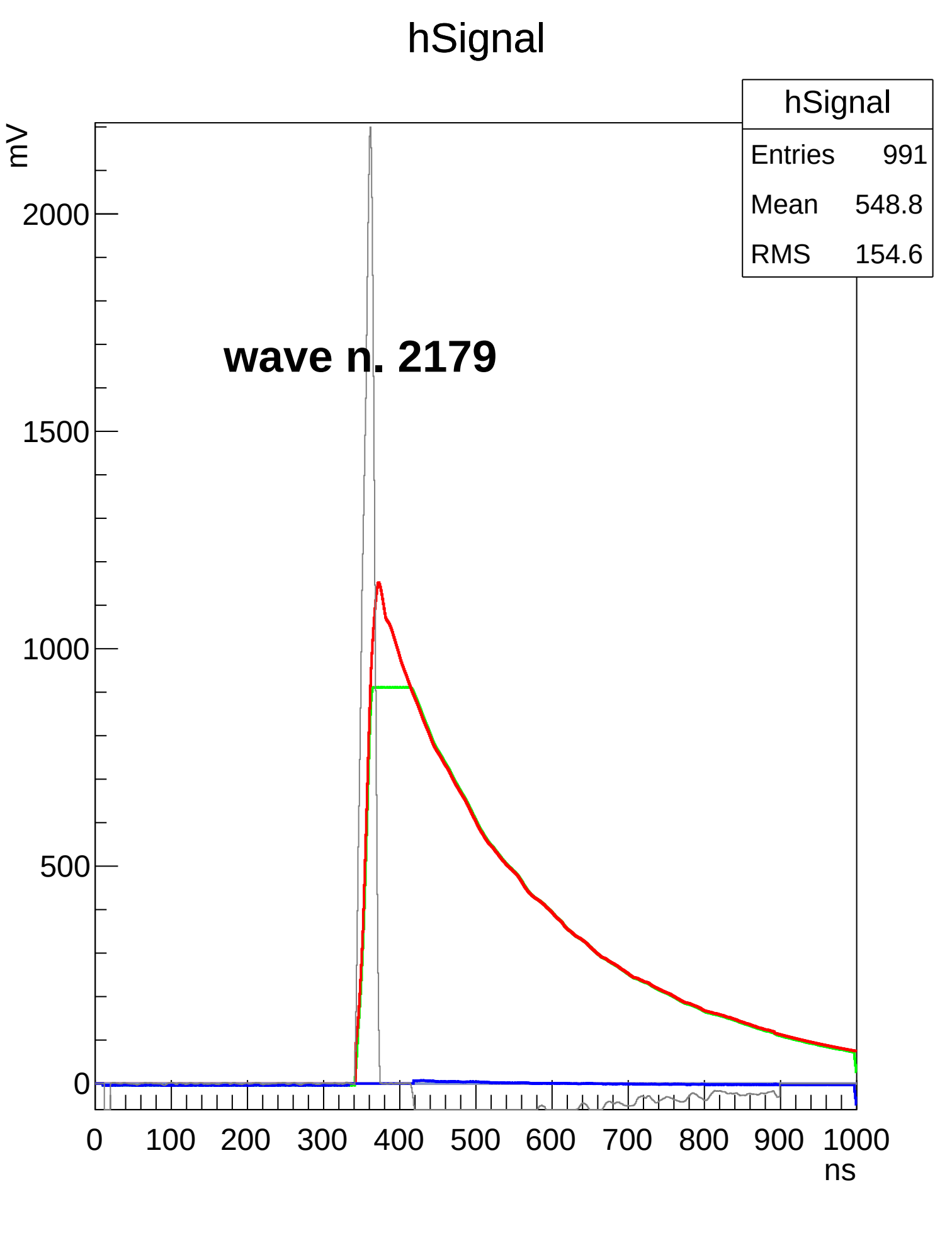
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 548.8
RMS 154.6
wave n. 2179
mV
2000
1500
1000
500
0
0
100
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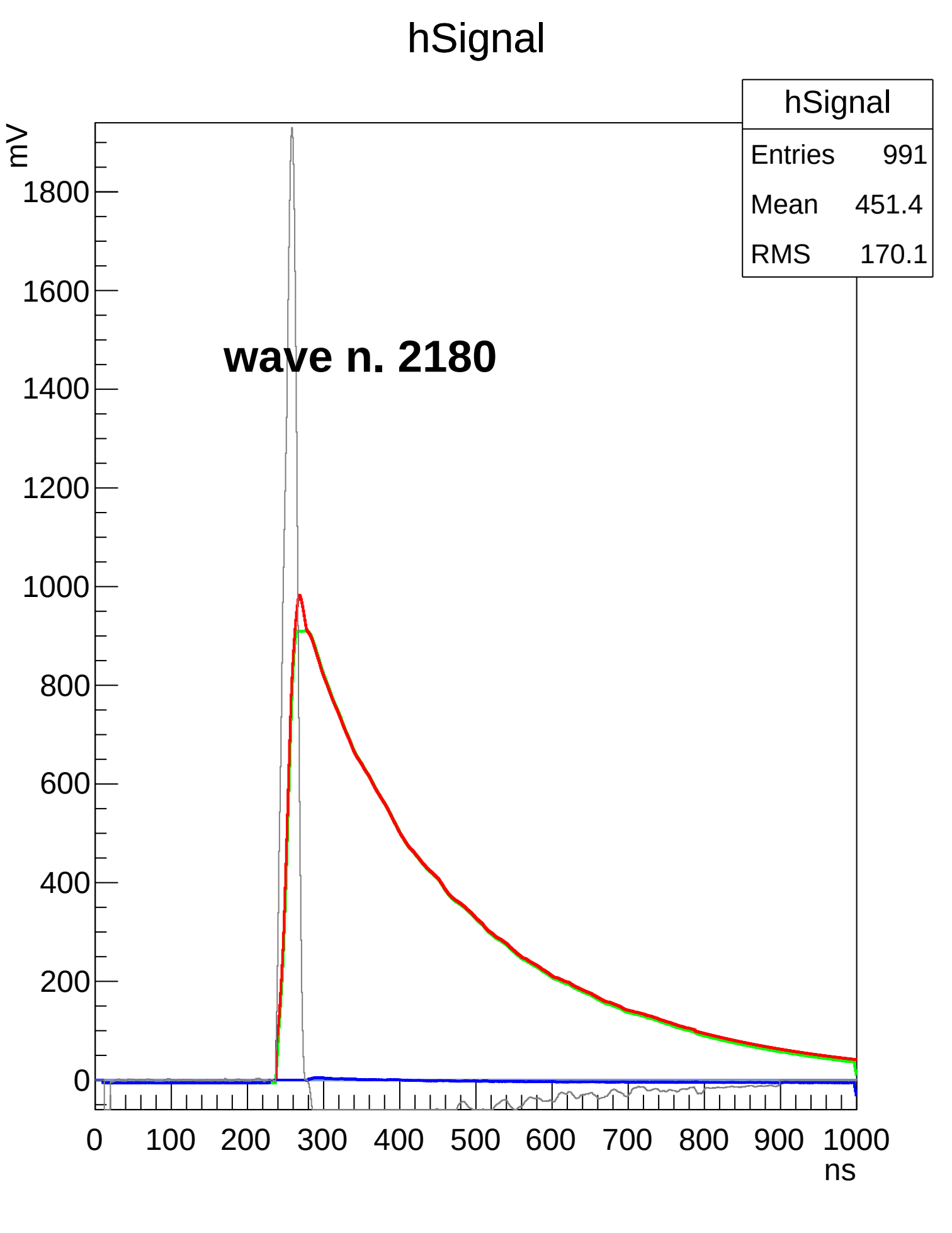
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 451.4
RMS 170.1
wave n. 2180
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
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400
500
600
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800
900
1000
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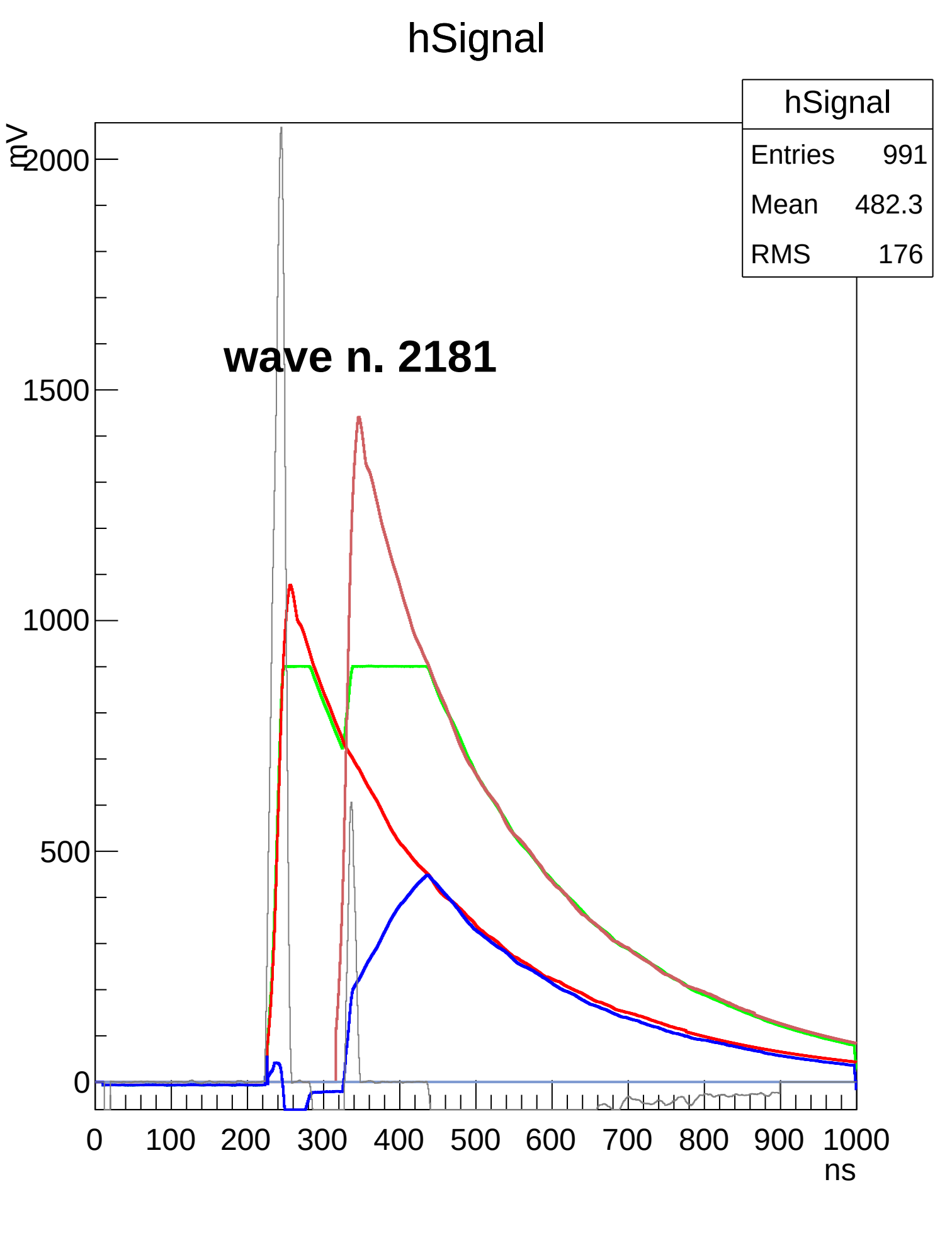
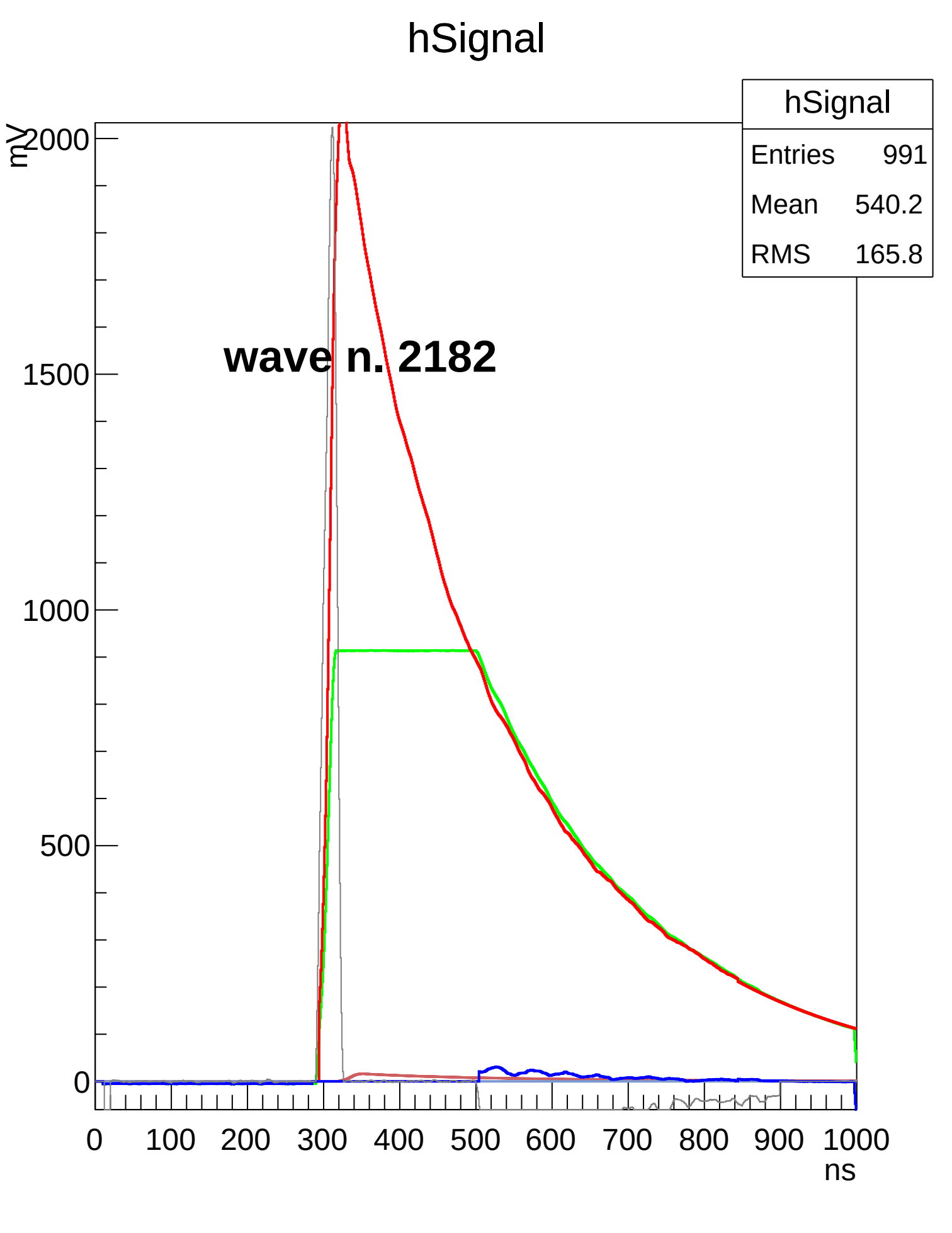

hSignal
hSignal
Entries 991
Mean 482.3
RMS 176
wave n. 2181
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 540.2
RMS 165.8
wave n. 2182
mV
2000
1500
1000
500
0
0
100
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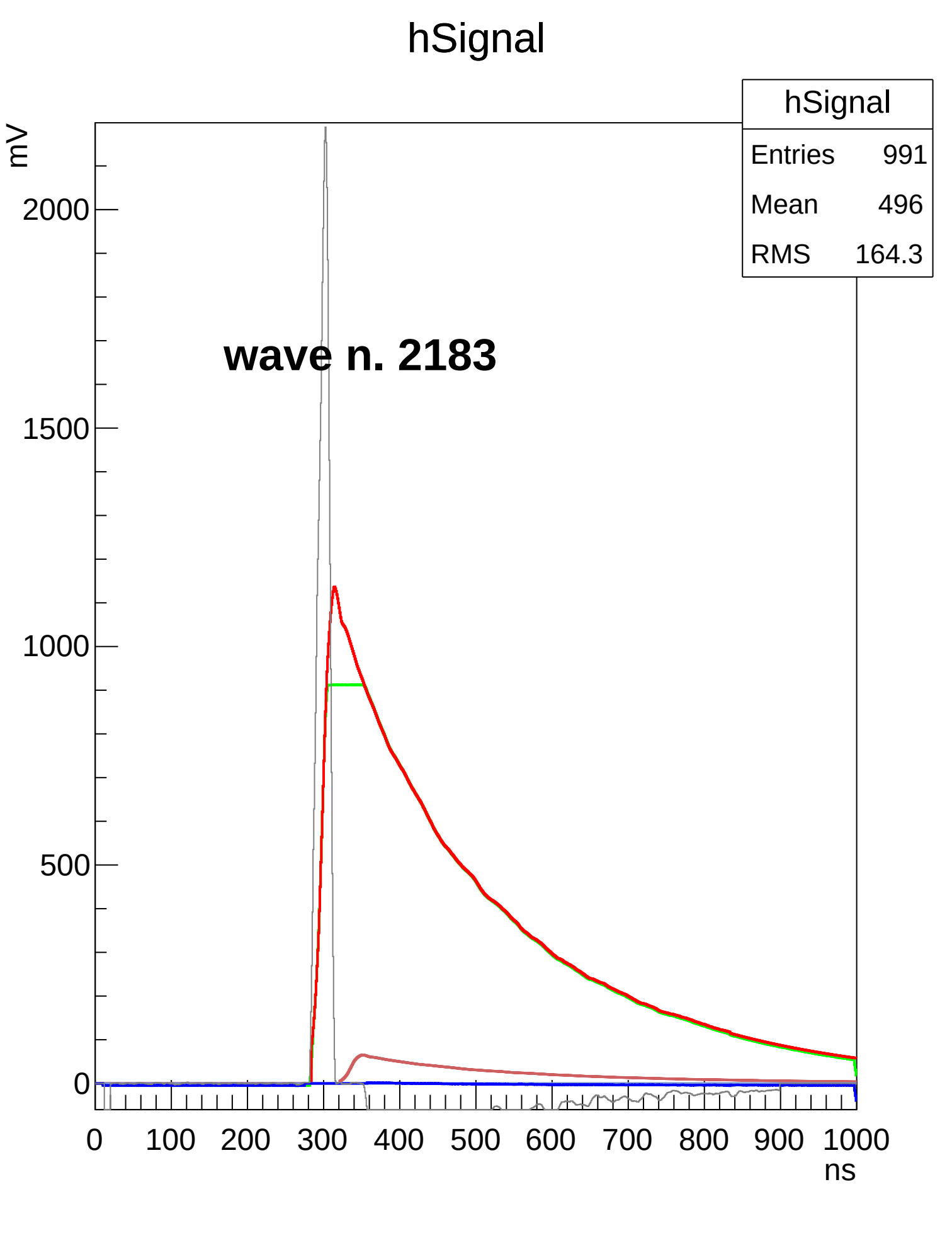
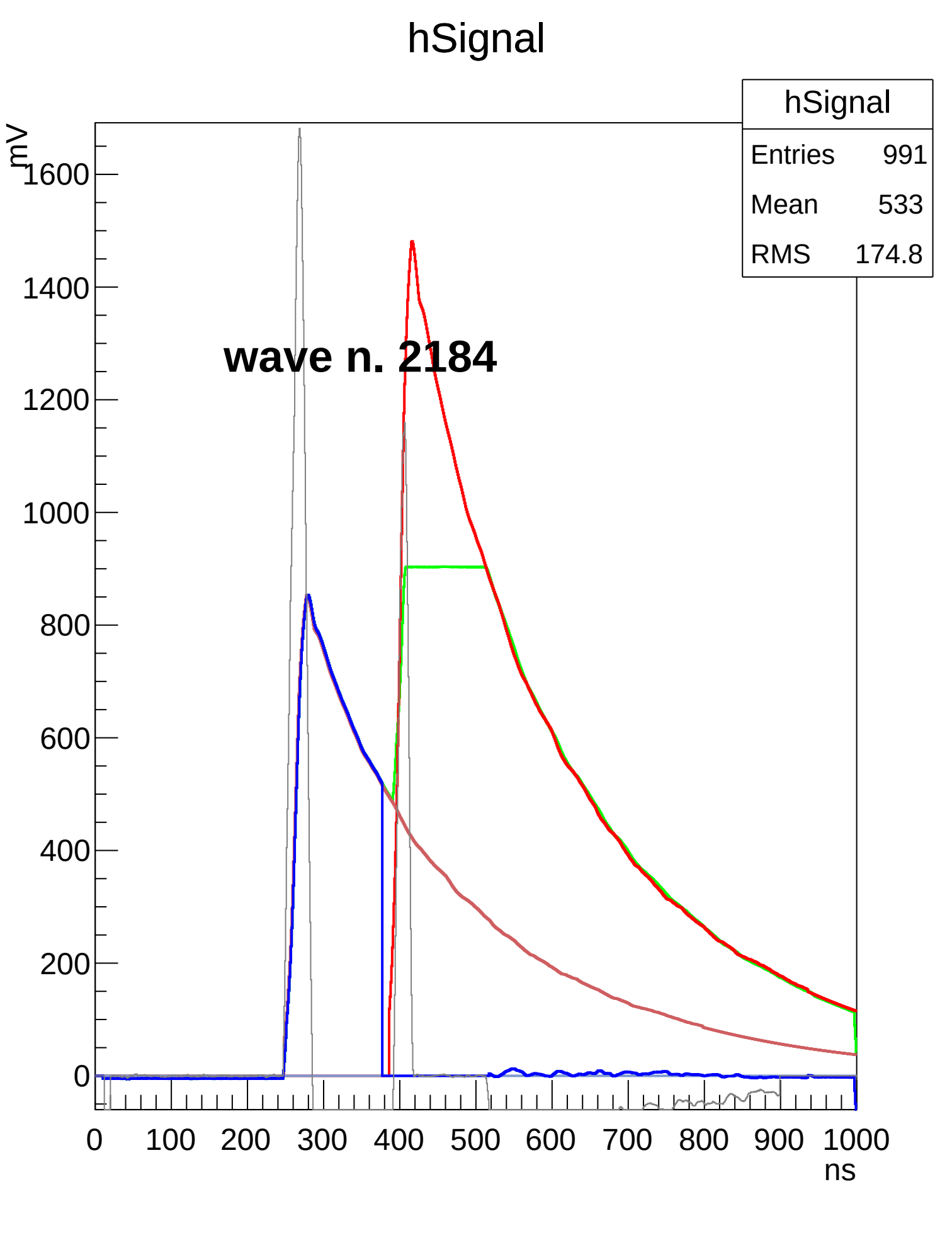
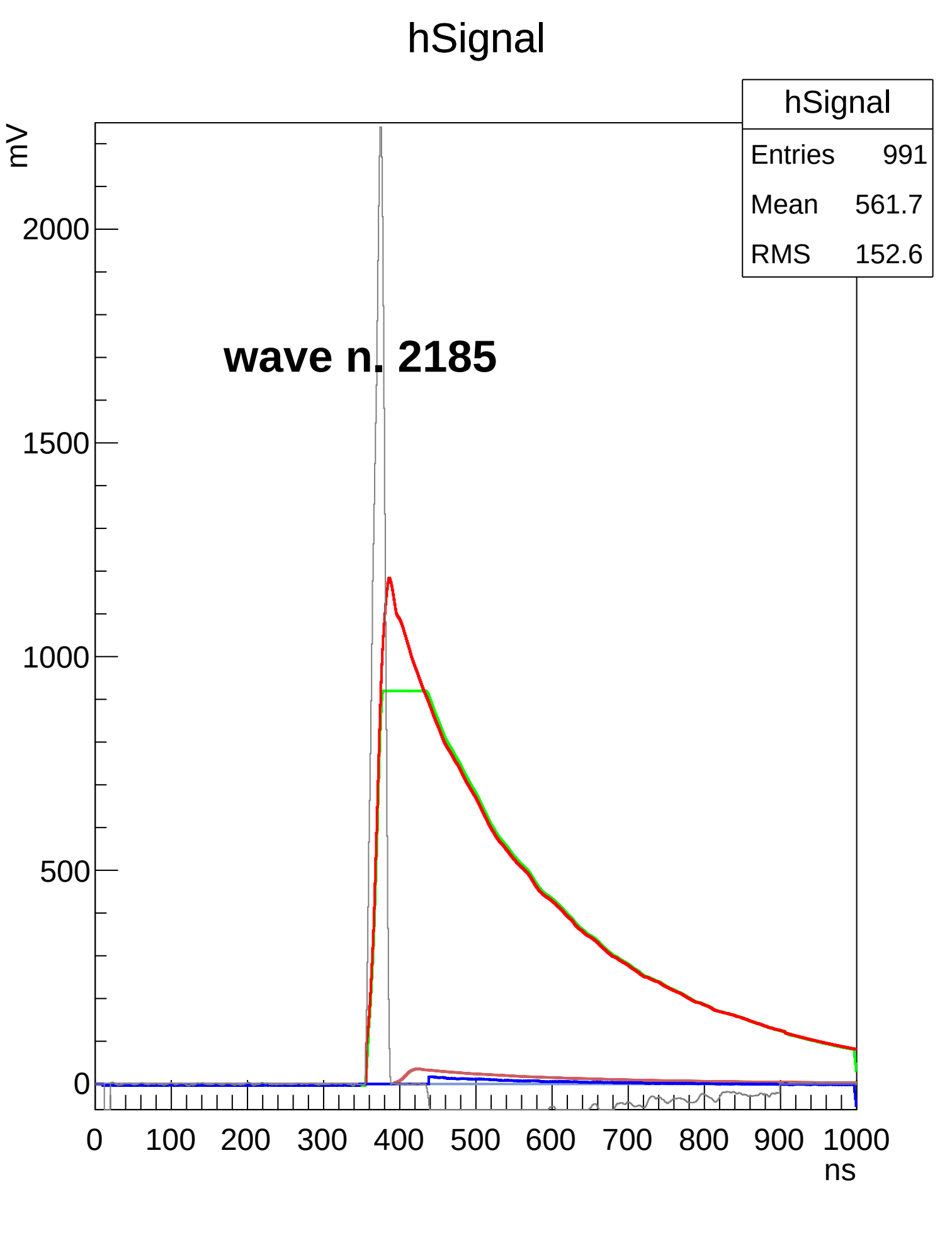
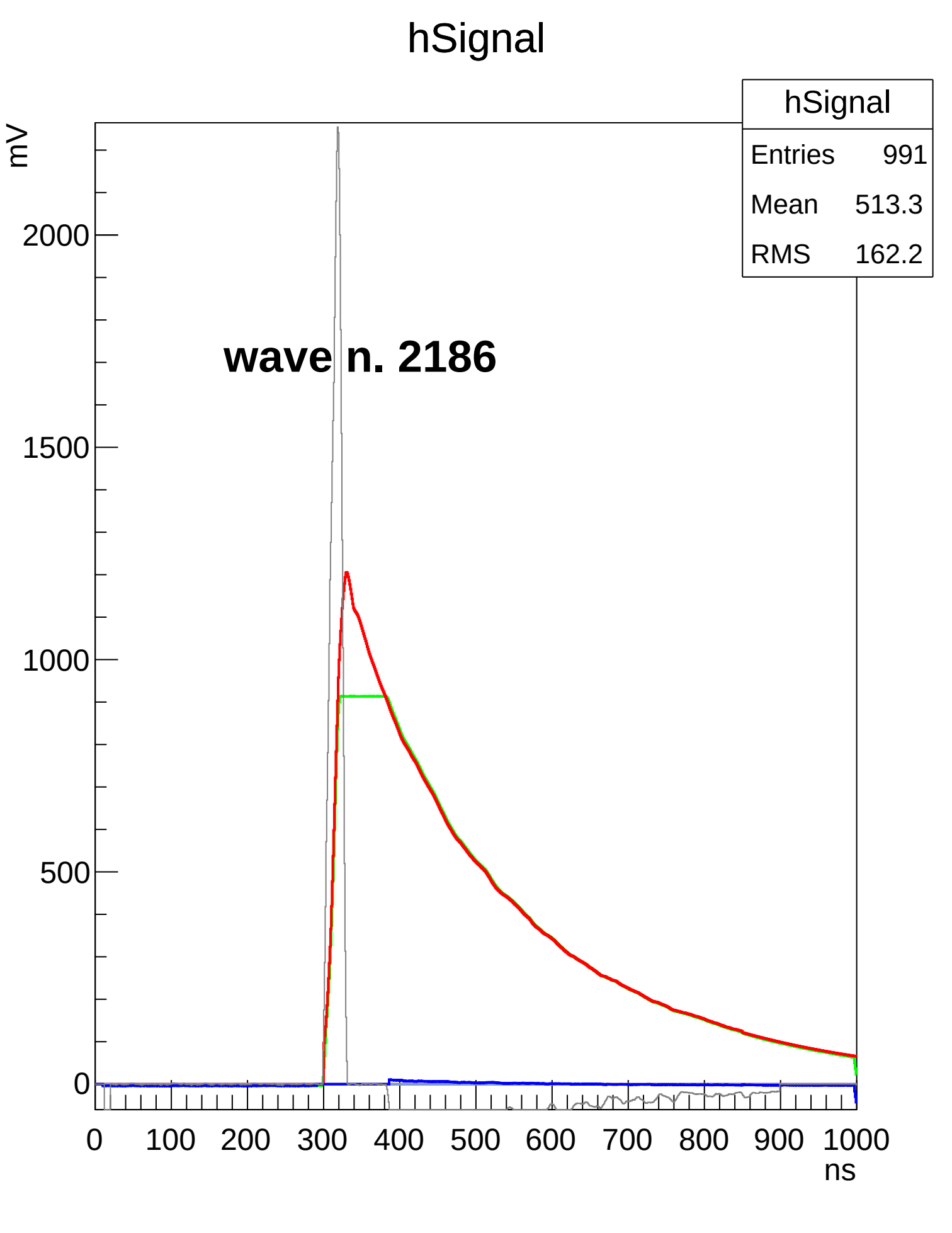
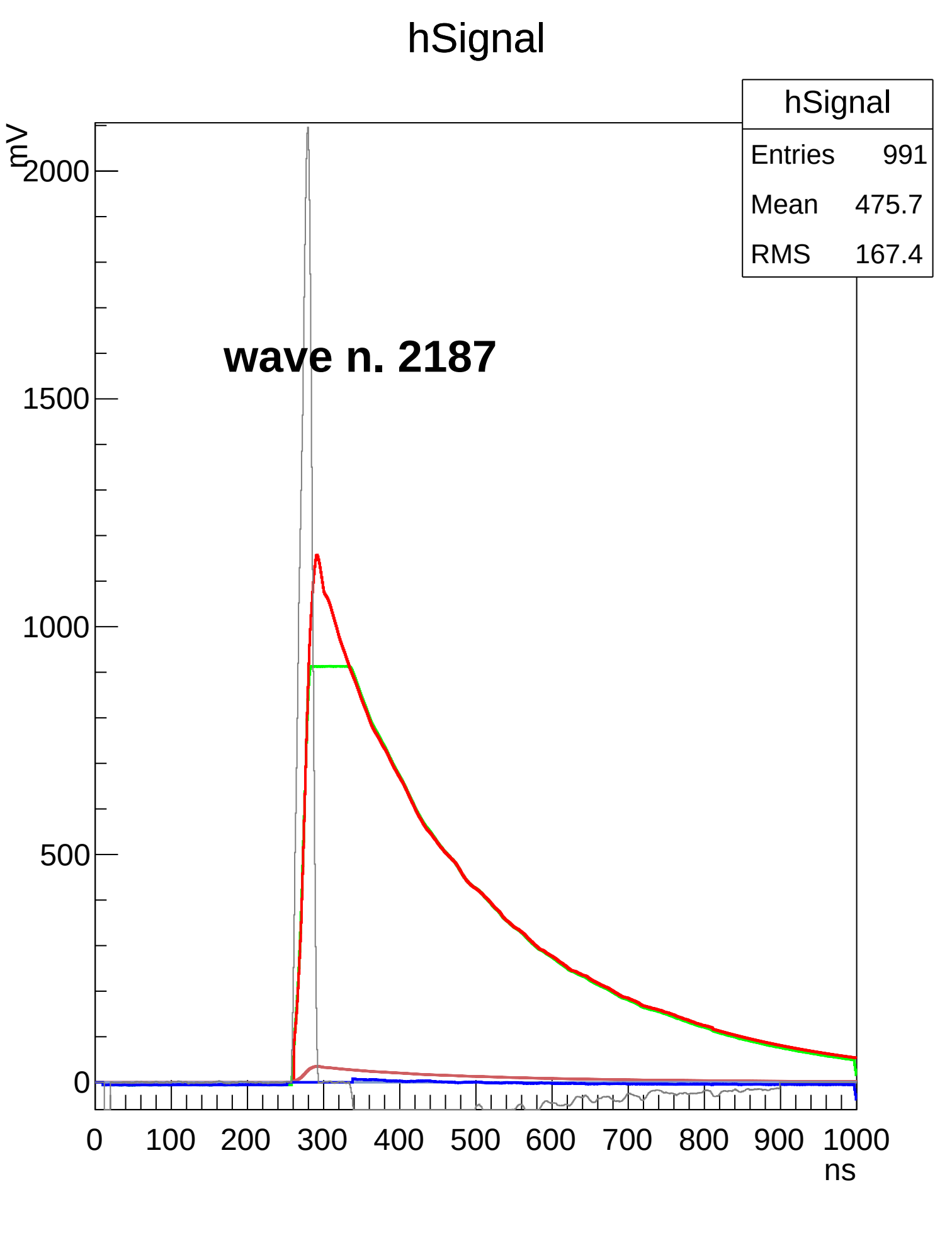
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 496
RMS 164.3
wave n. 2183
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 533
RMS 174.8
wave n. 2184
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.7
RMS 152.6
wave n. 2185
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 513.3
RMS 162.2
wave n. 2186
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 475.7
RMS 167.4
wave n. 2187
mV
2000
1500
1000
500
0
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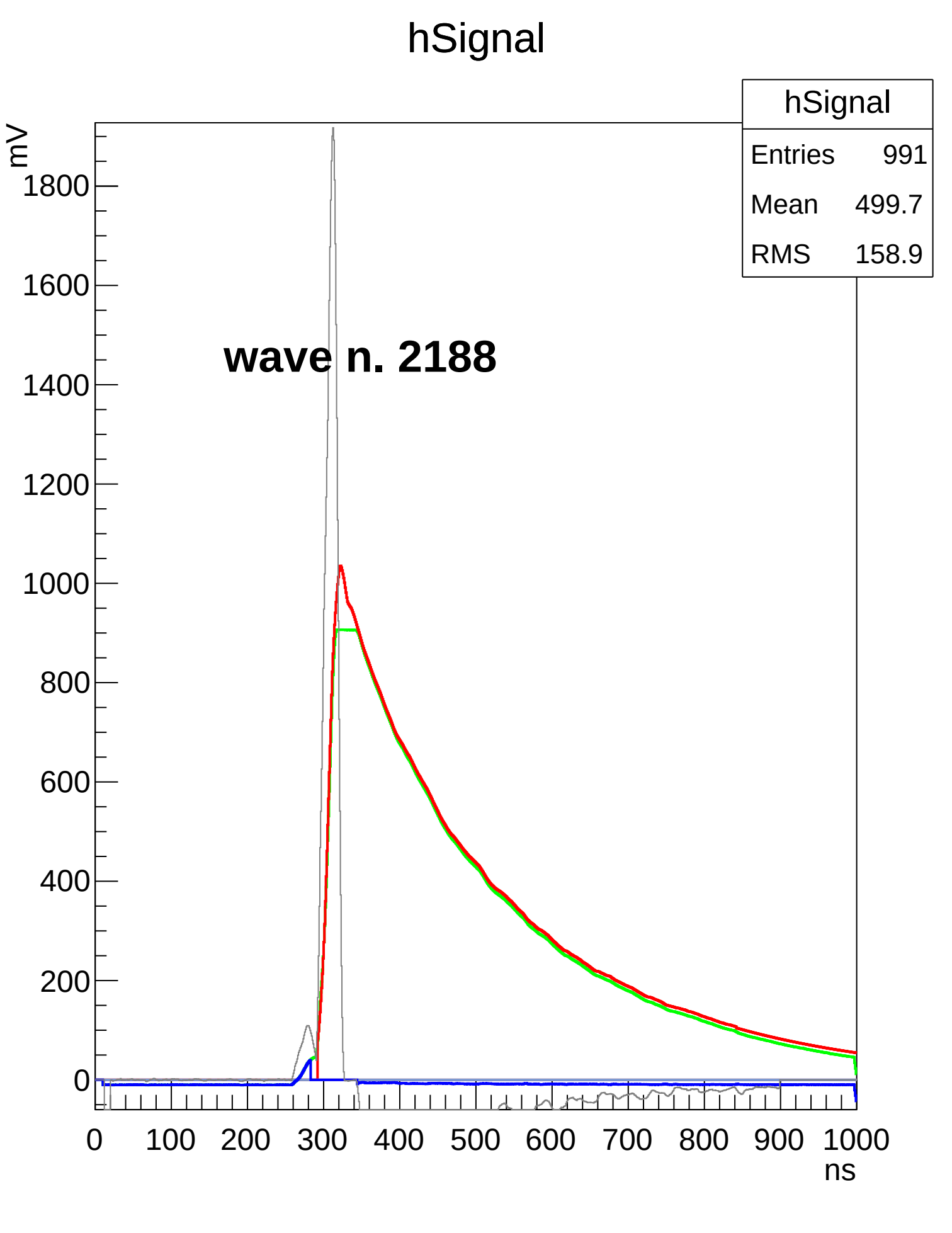
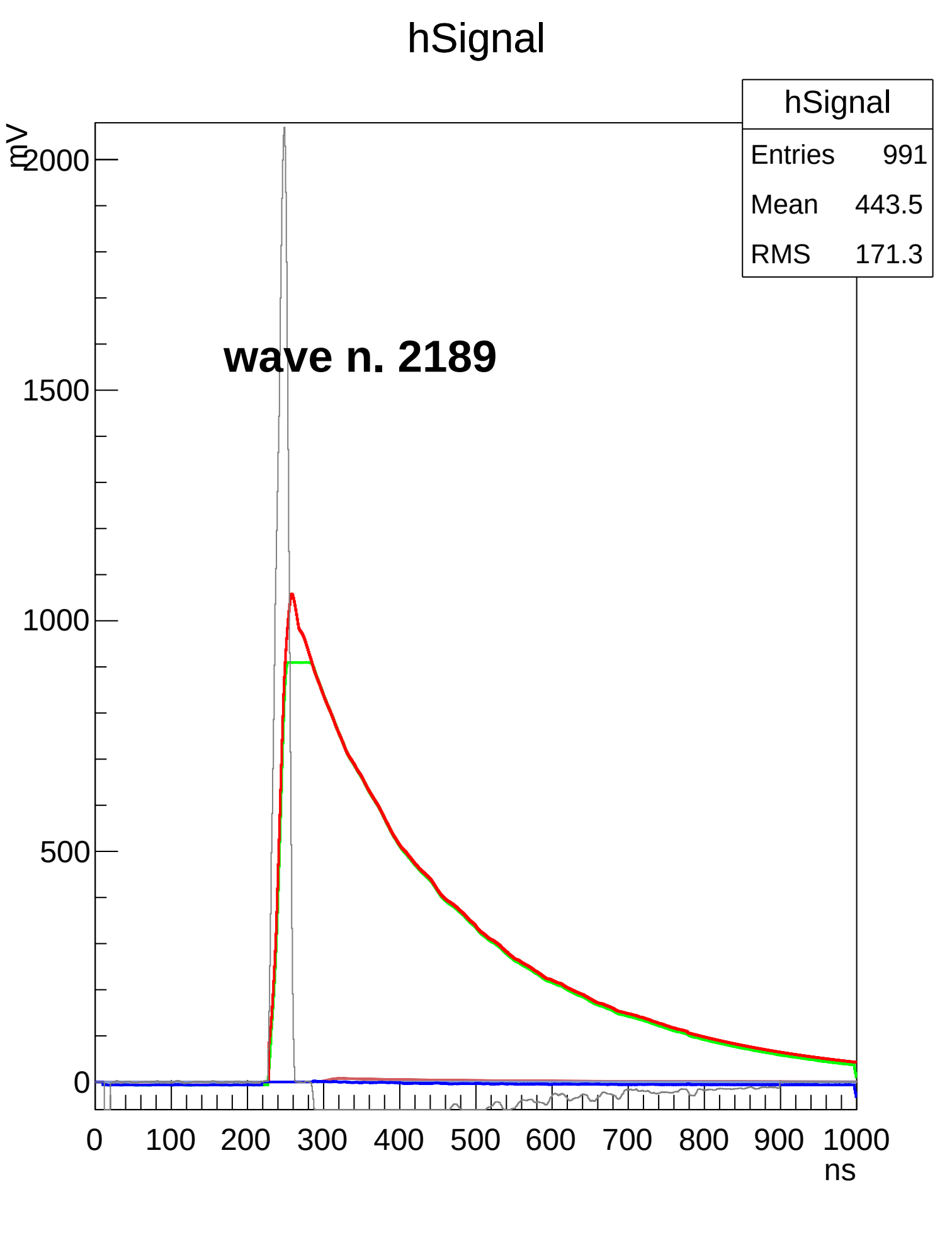
ns


hSignal
hSignal
Entries 991
Mean 499.7
RMS 158.9
wave n. 2188
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 443.5
RMS 171.3
wave n. 2189
mV
2000
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1000
500
0
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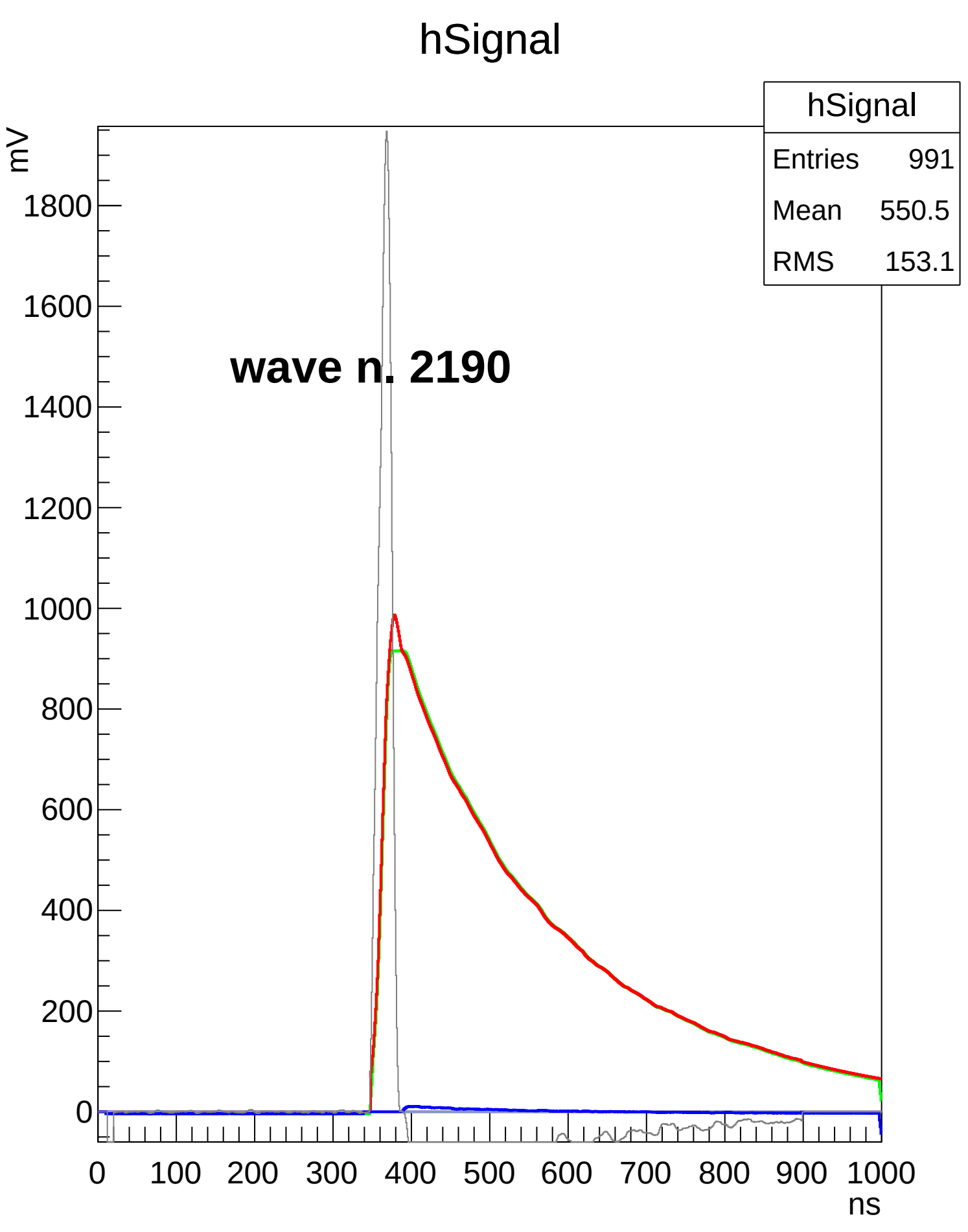
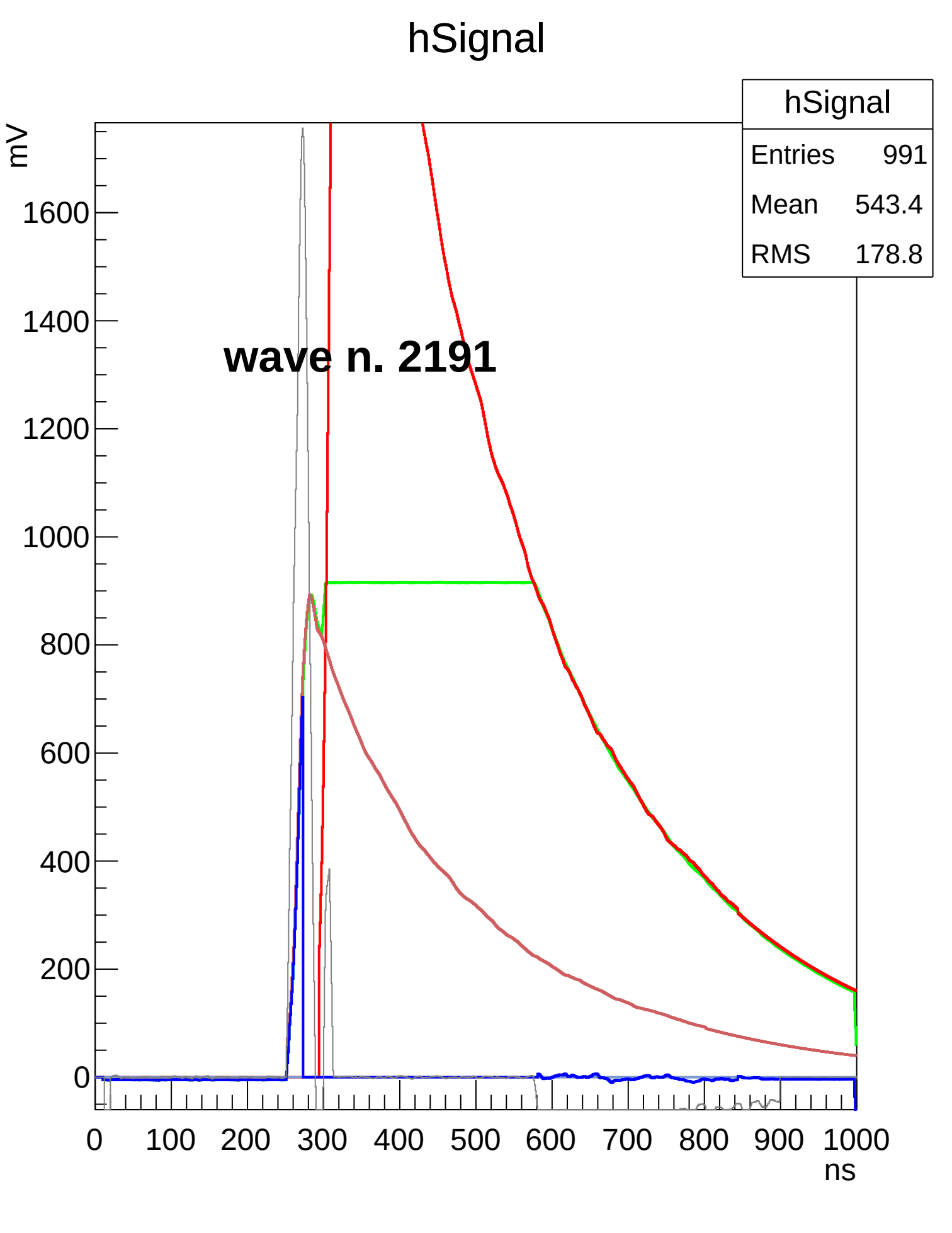
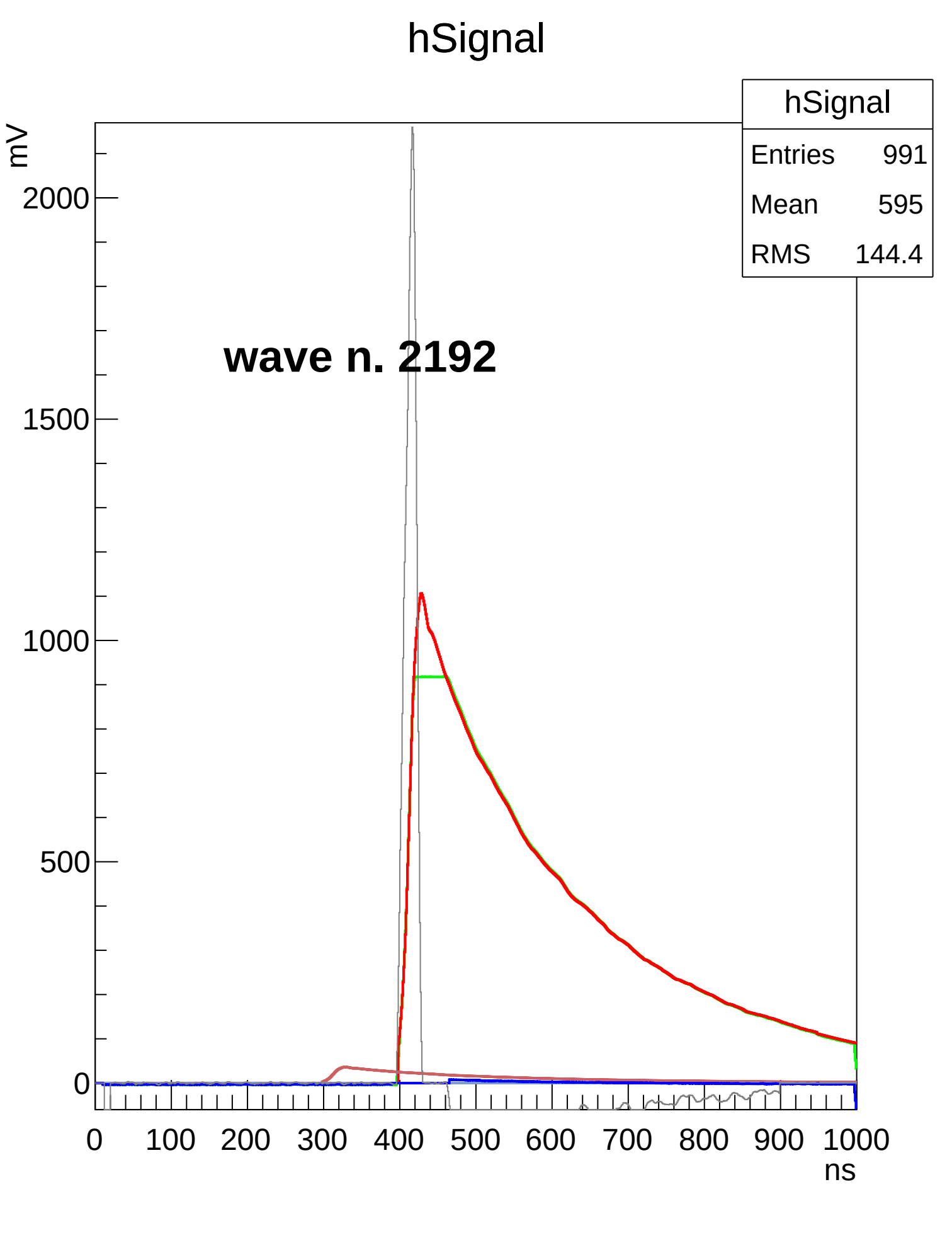
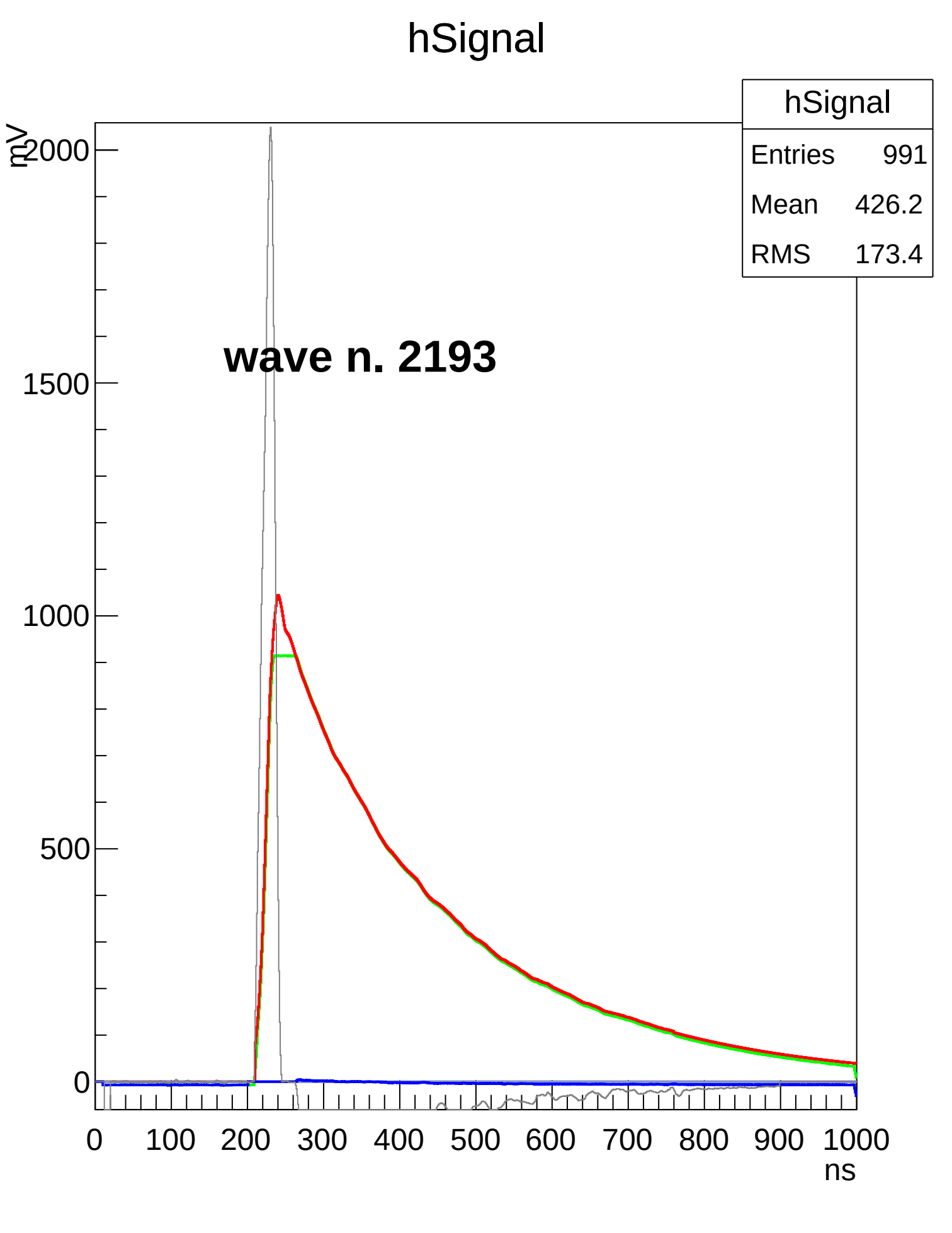
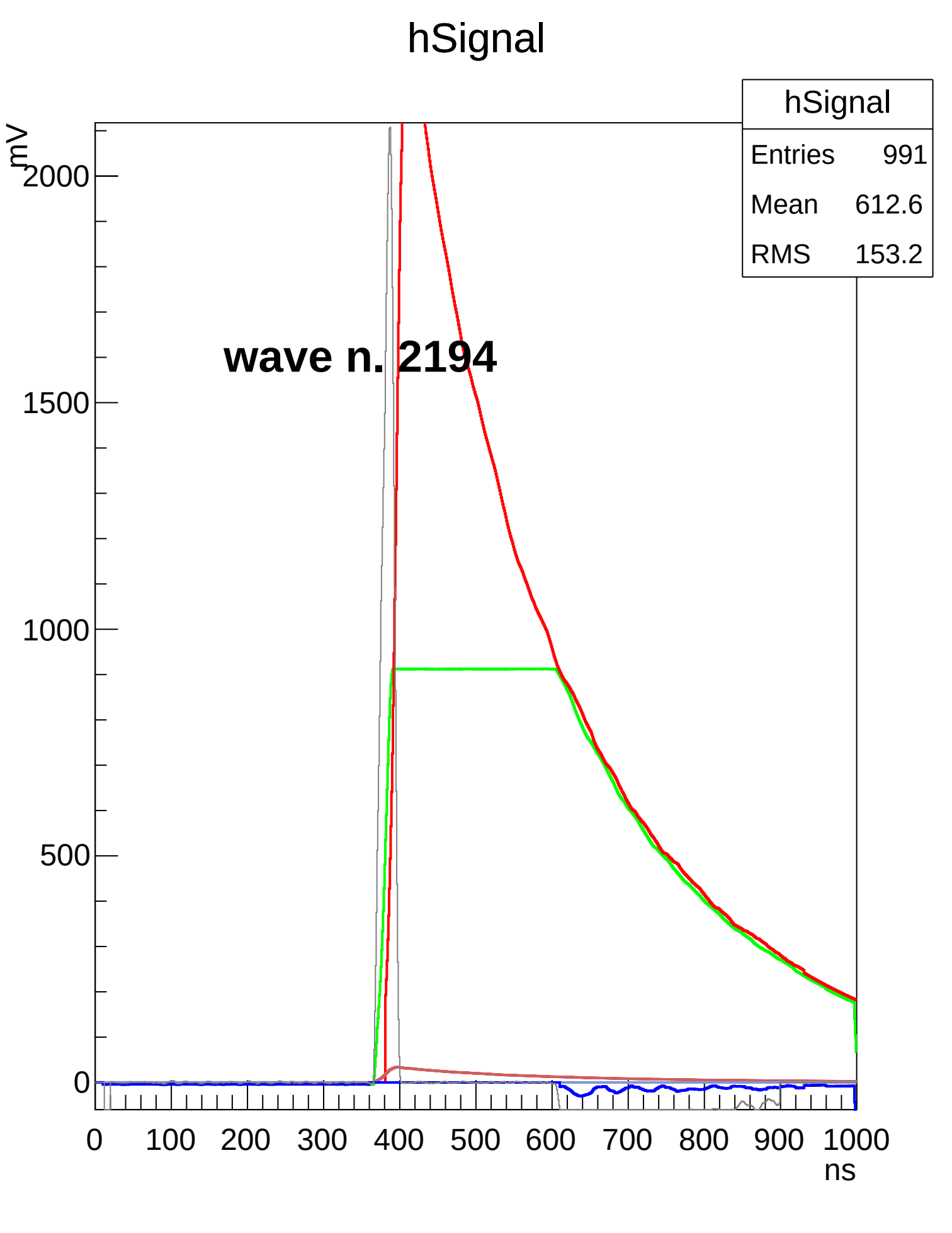
ns

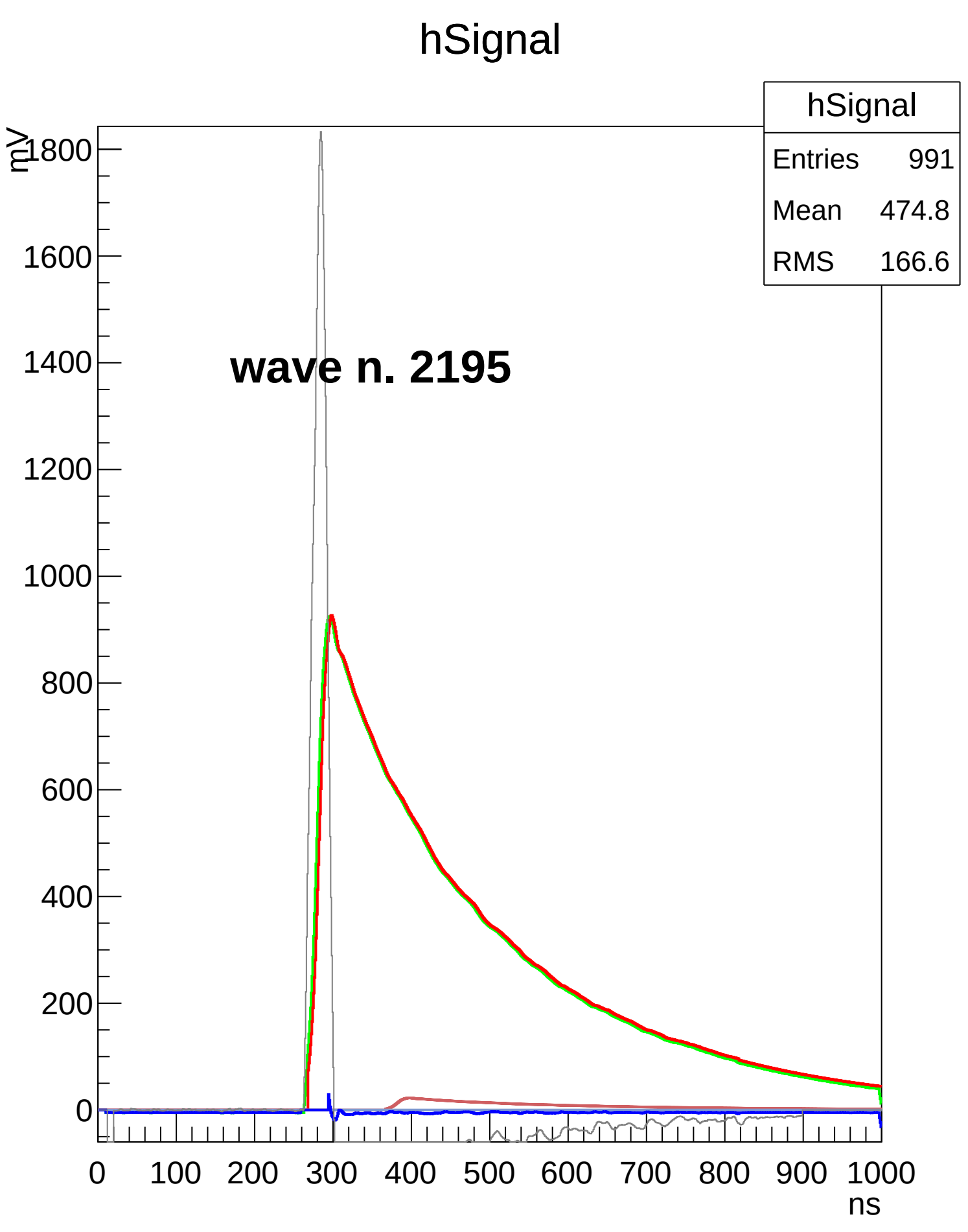

hSignal
hSignal
Entries 991
Mean 550.5
RMS 153.1
wave n. 2190
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

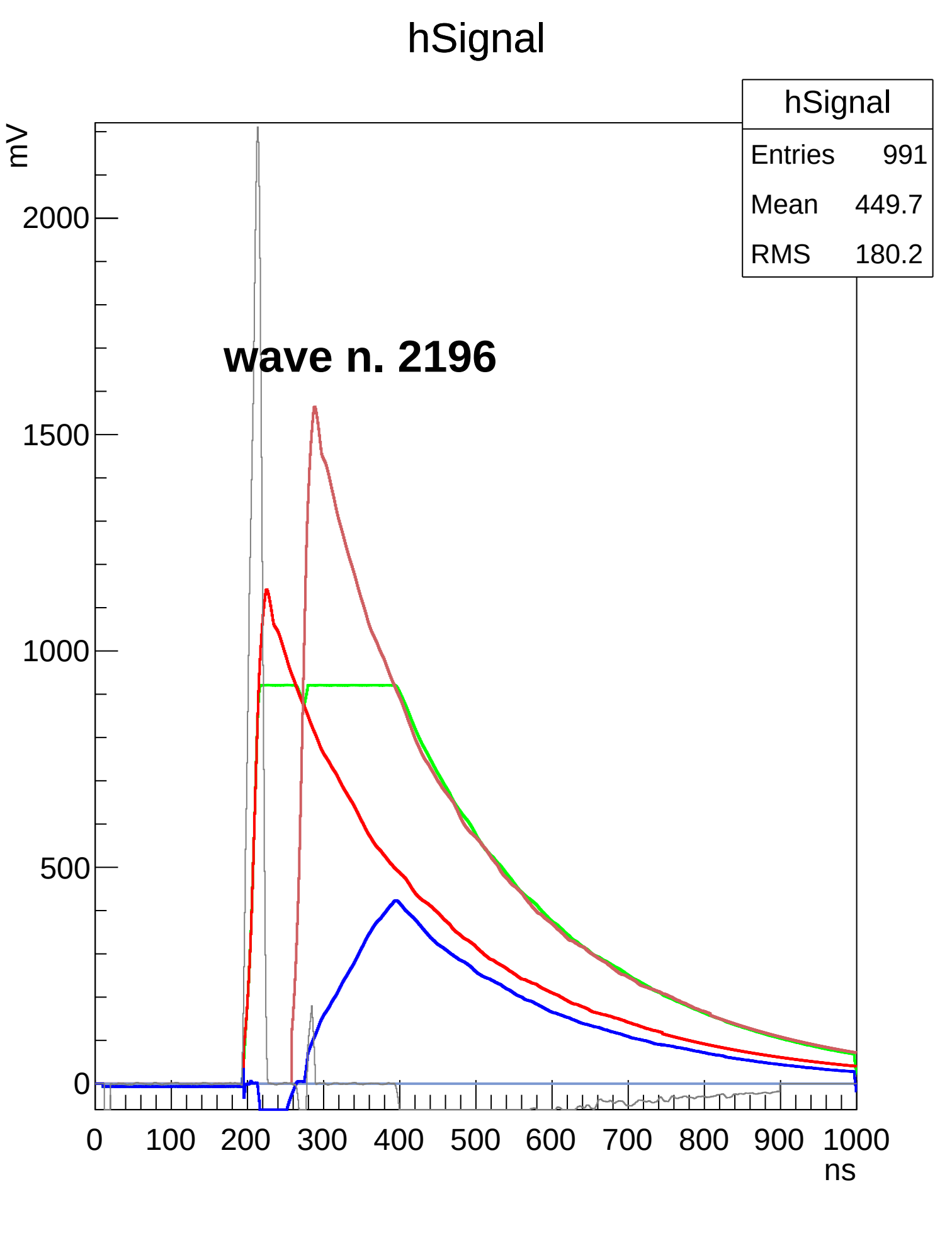

hSignal
hSignal
Entries 991
Mean 543.4
RMS 178.8
wave n. 2191
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

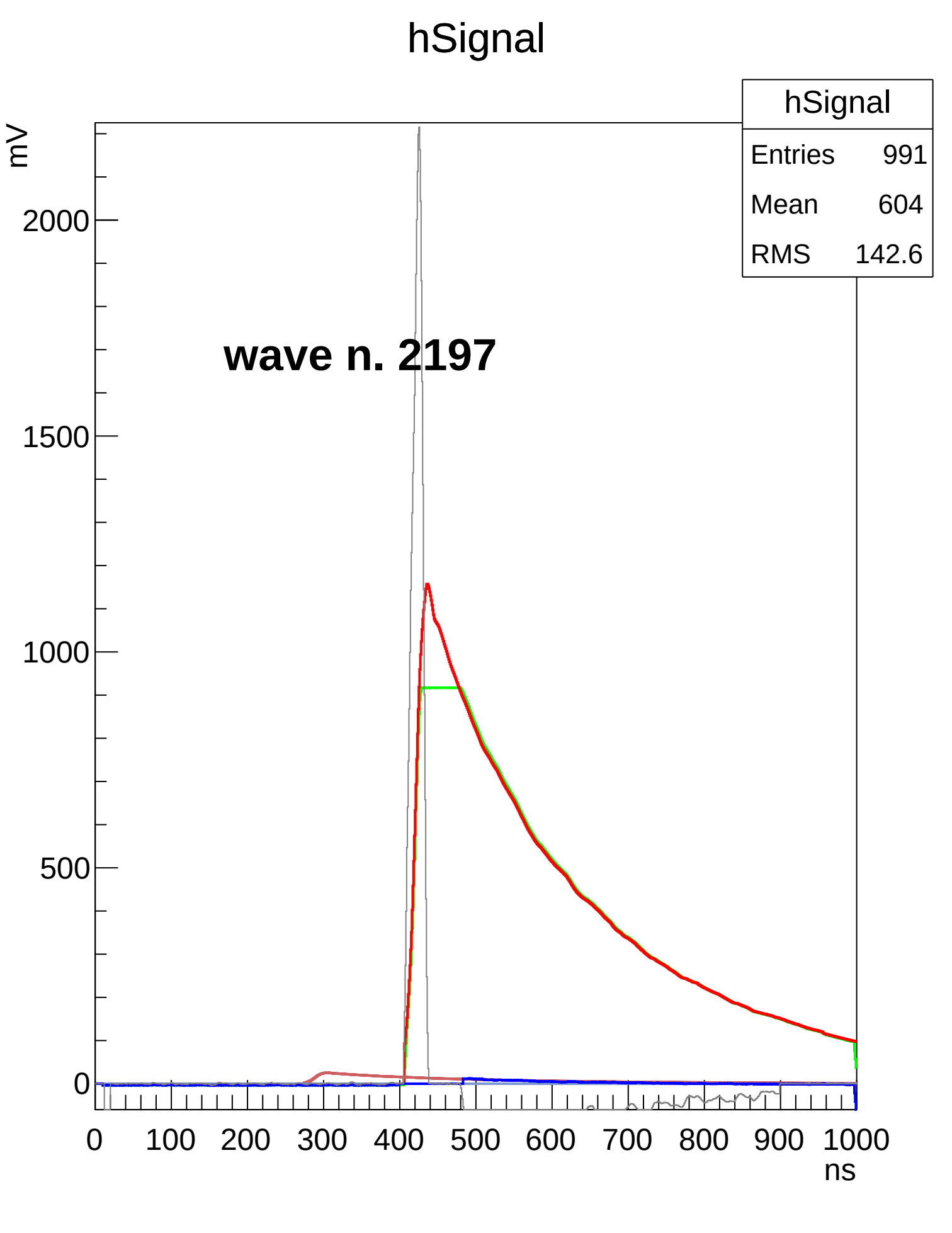

hSignal
hSignal
Entries 991
Mean 595
RMS 144.4
wave n. 2192
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

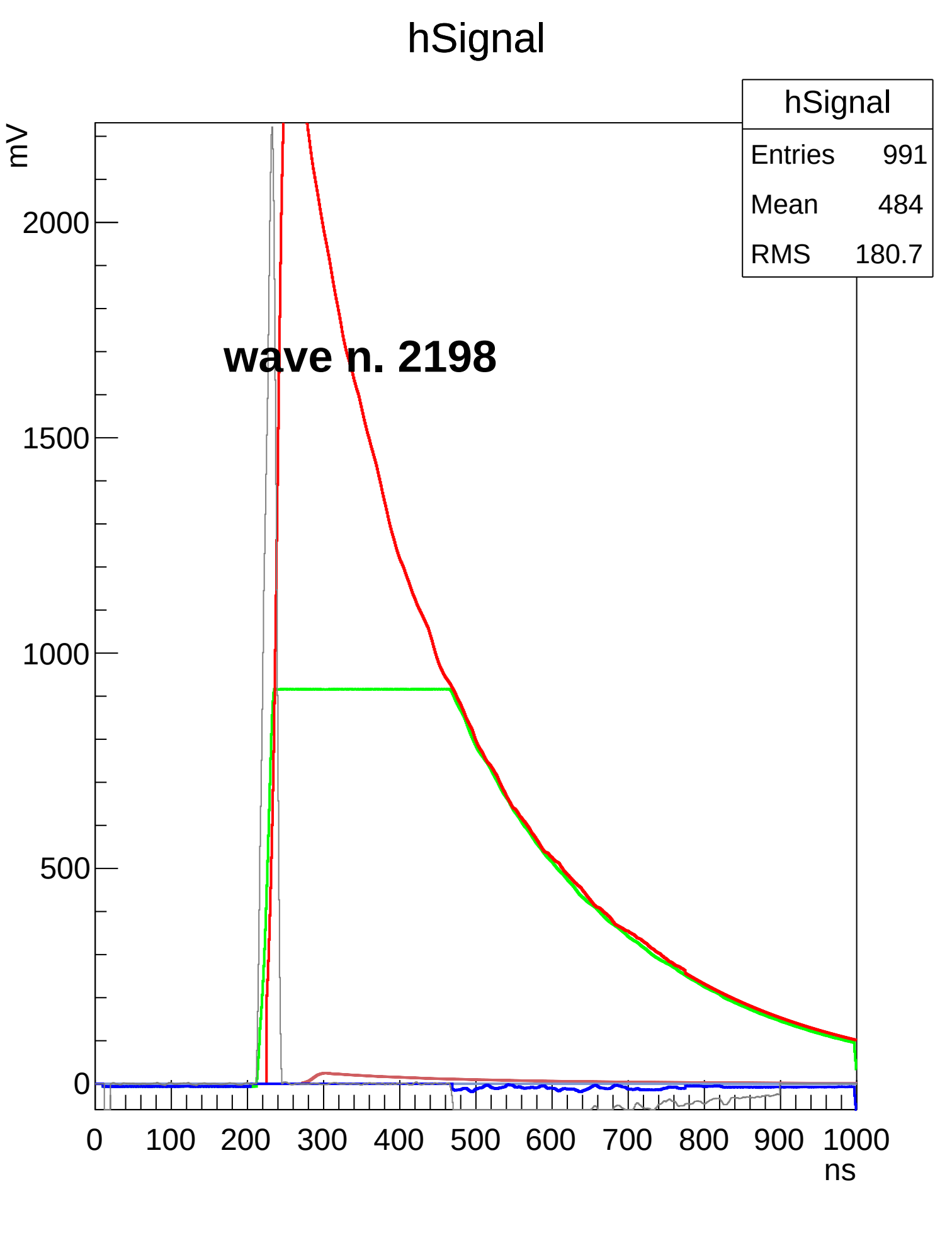

hSignal
hSignal
Entries 991
Mean 426.2
RMS 173.4
wave n. 2193
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

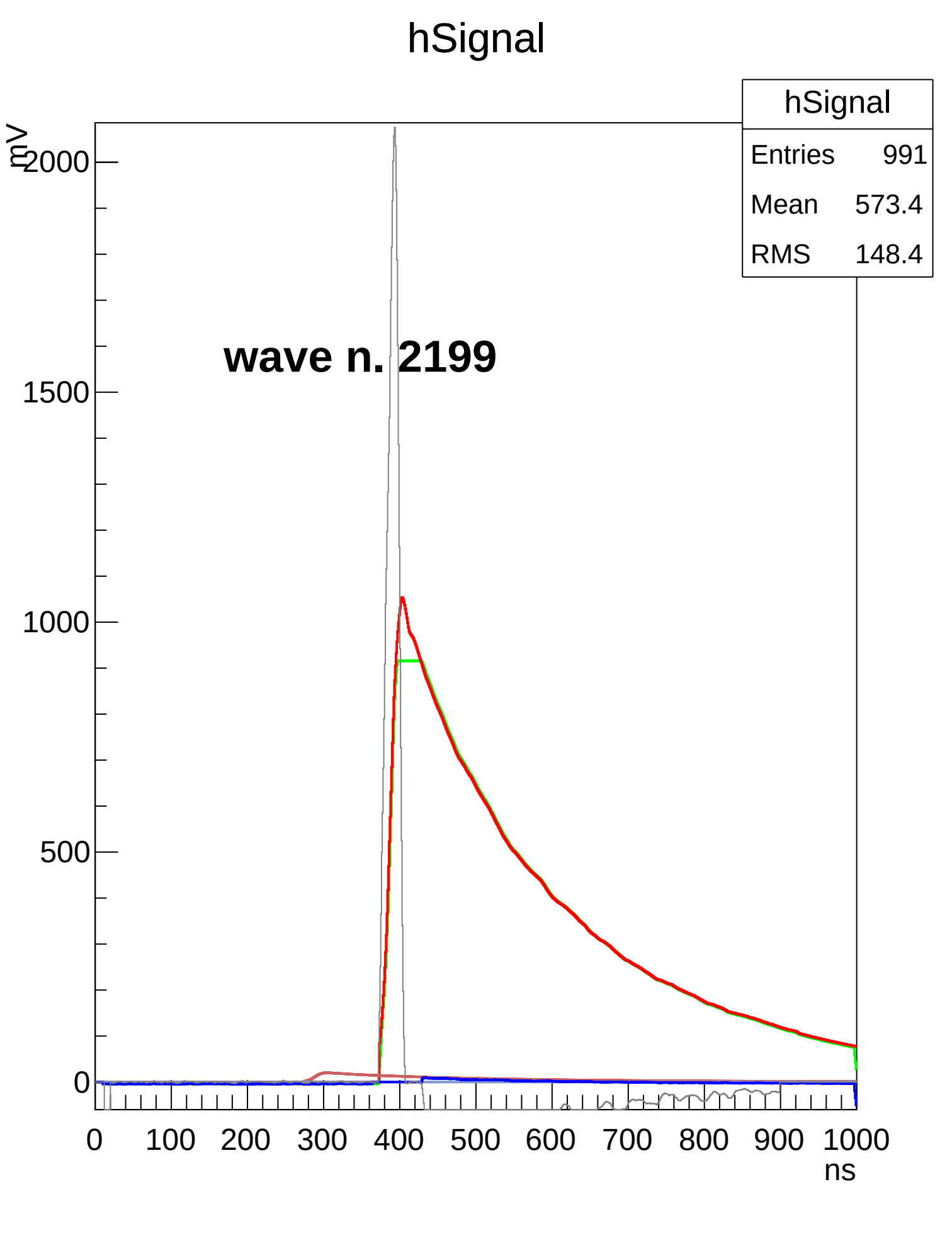

hSignal
hSignal
Entries 991
Mean 612.6
RMS 153.2
wave n. 2194
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

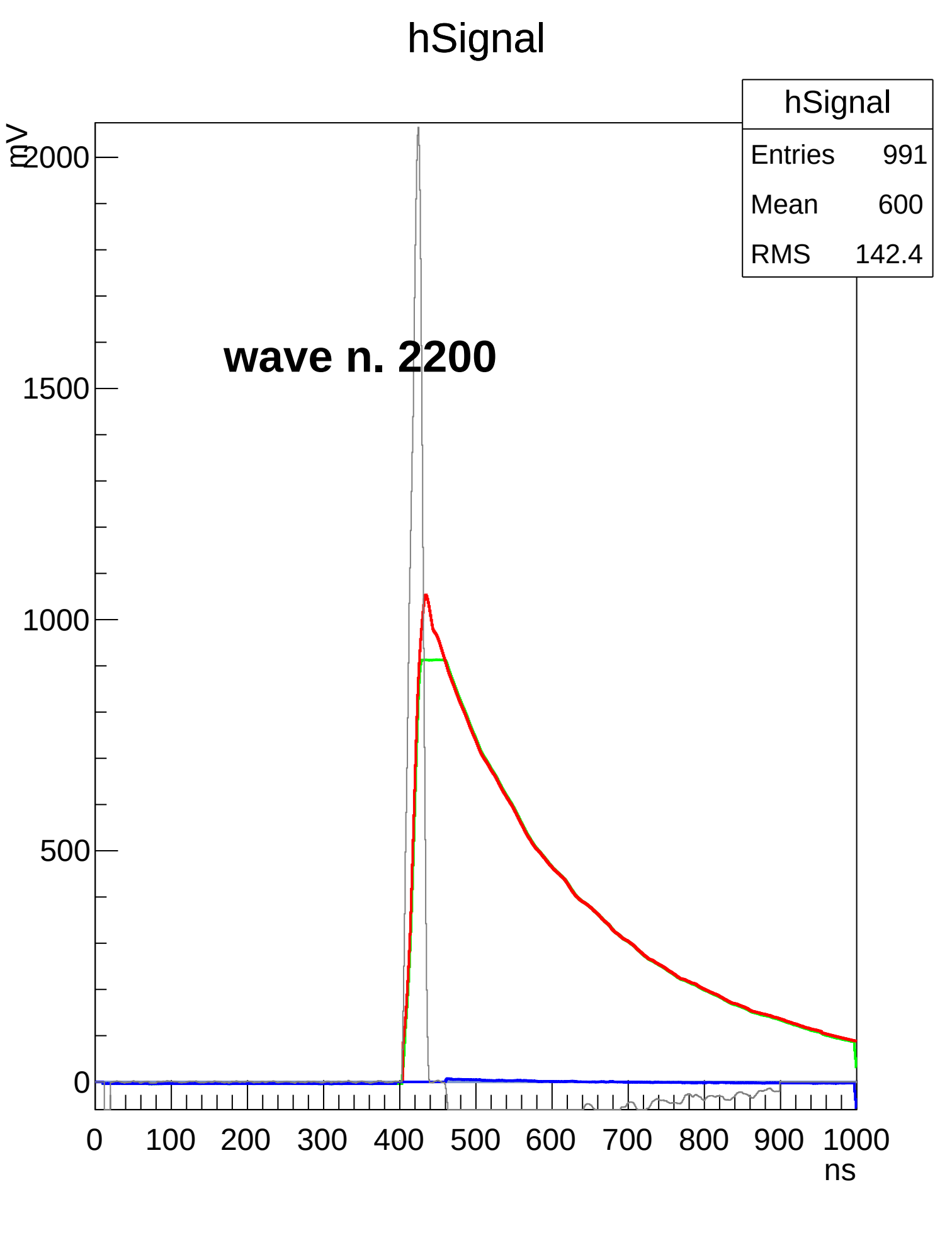

hSignal
hSignal
Entries 991
Mean 474.8
RMS 166.6
wave n. 2195
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

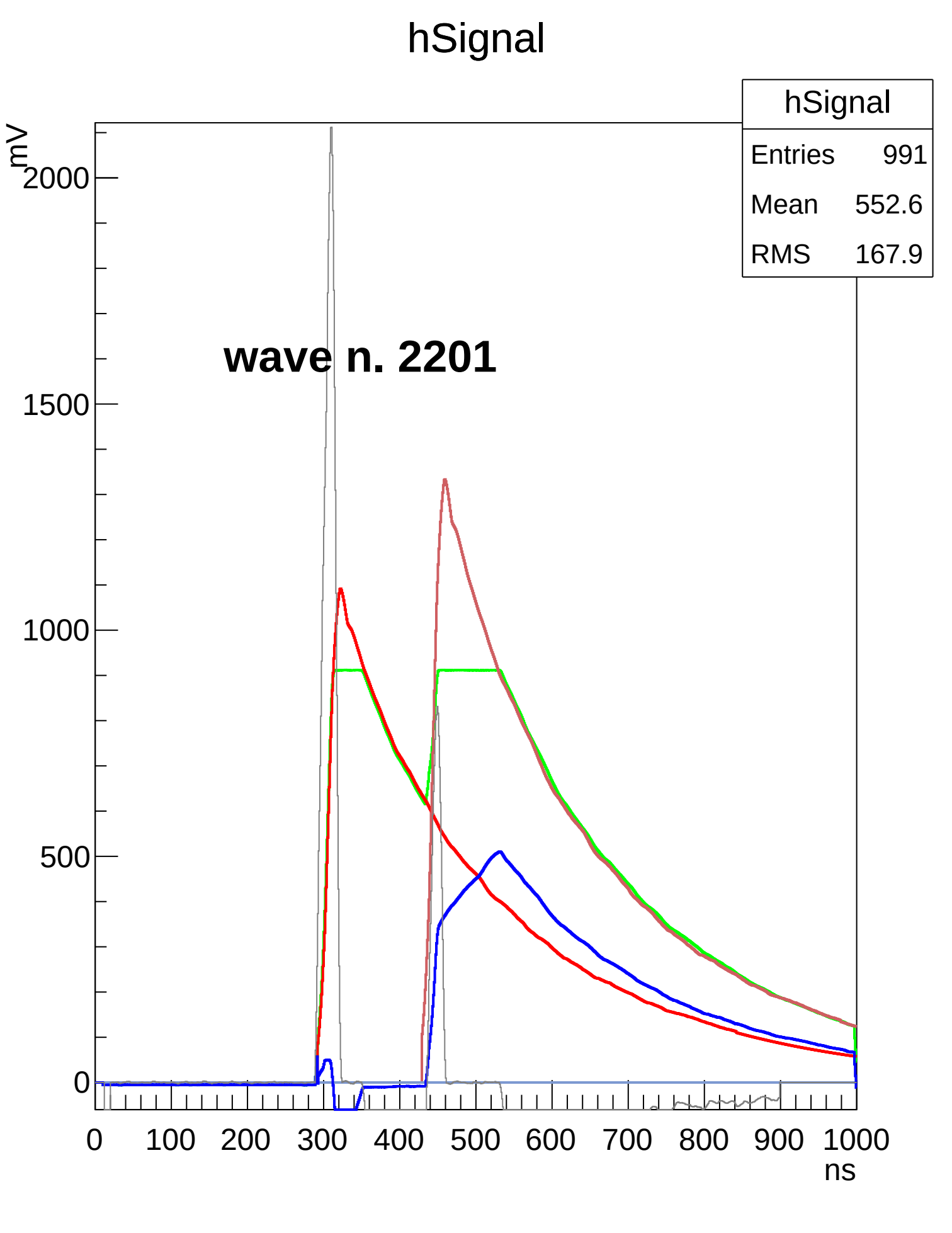

hSignal
hSignal
Entries 991
Mean 449.7
RMS 180.2
wave n. 2196
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

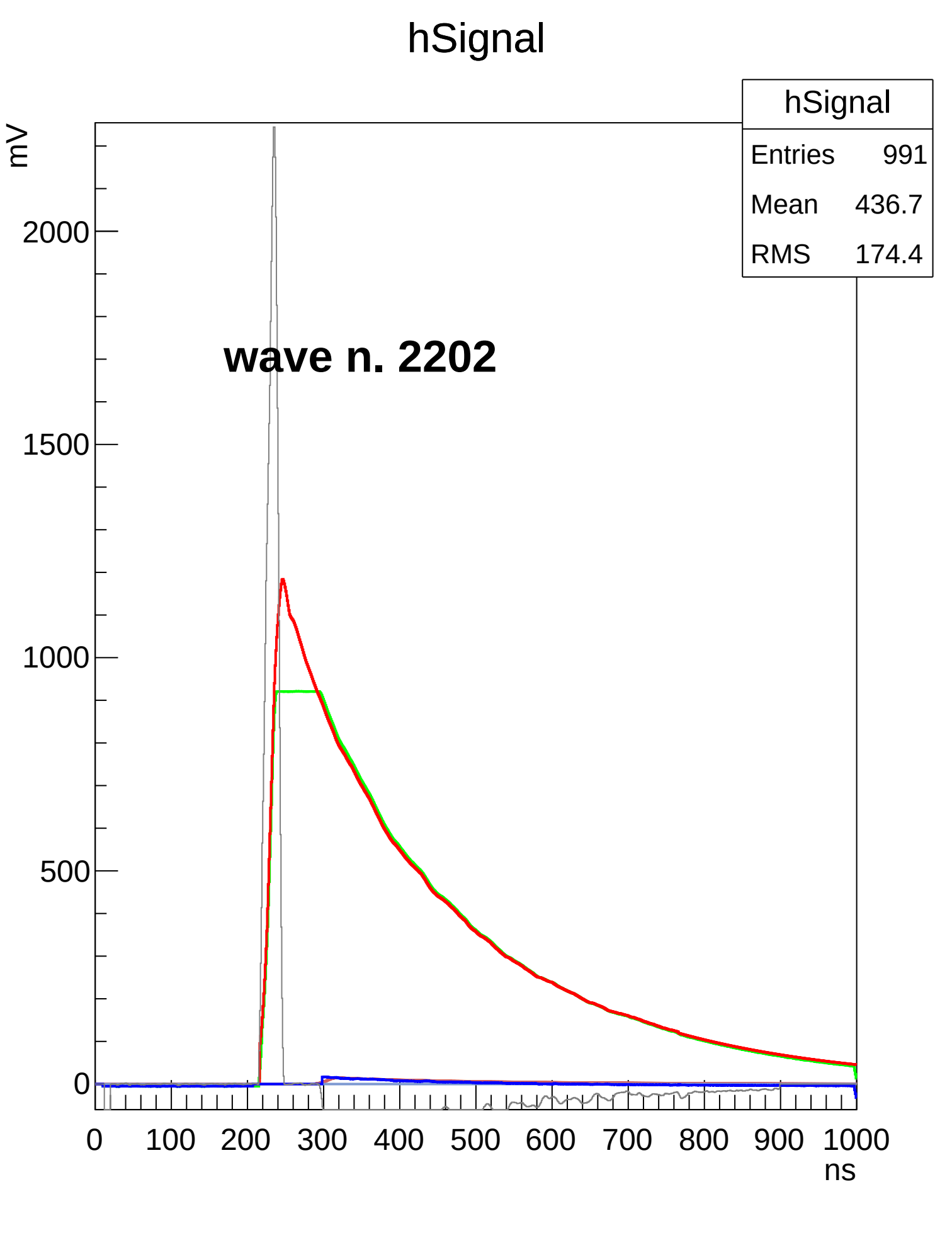

hSignal
hSignal
Entries 991
Mean 604
RMS 142.6
wave n. 2197
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

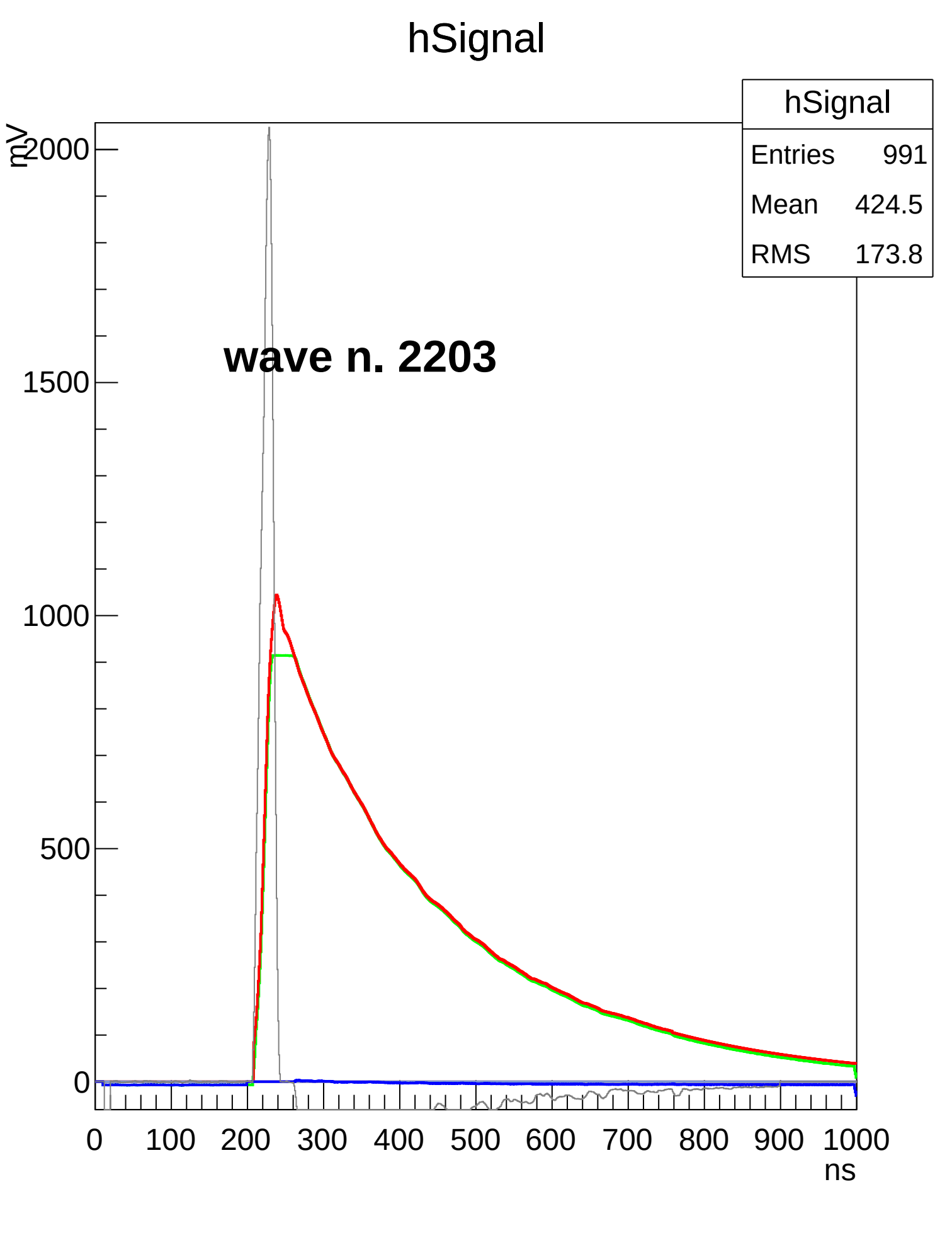

hSignal
hSignal
Entries 991
Mean 484
RMS 180.7
wave n. 2198
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

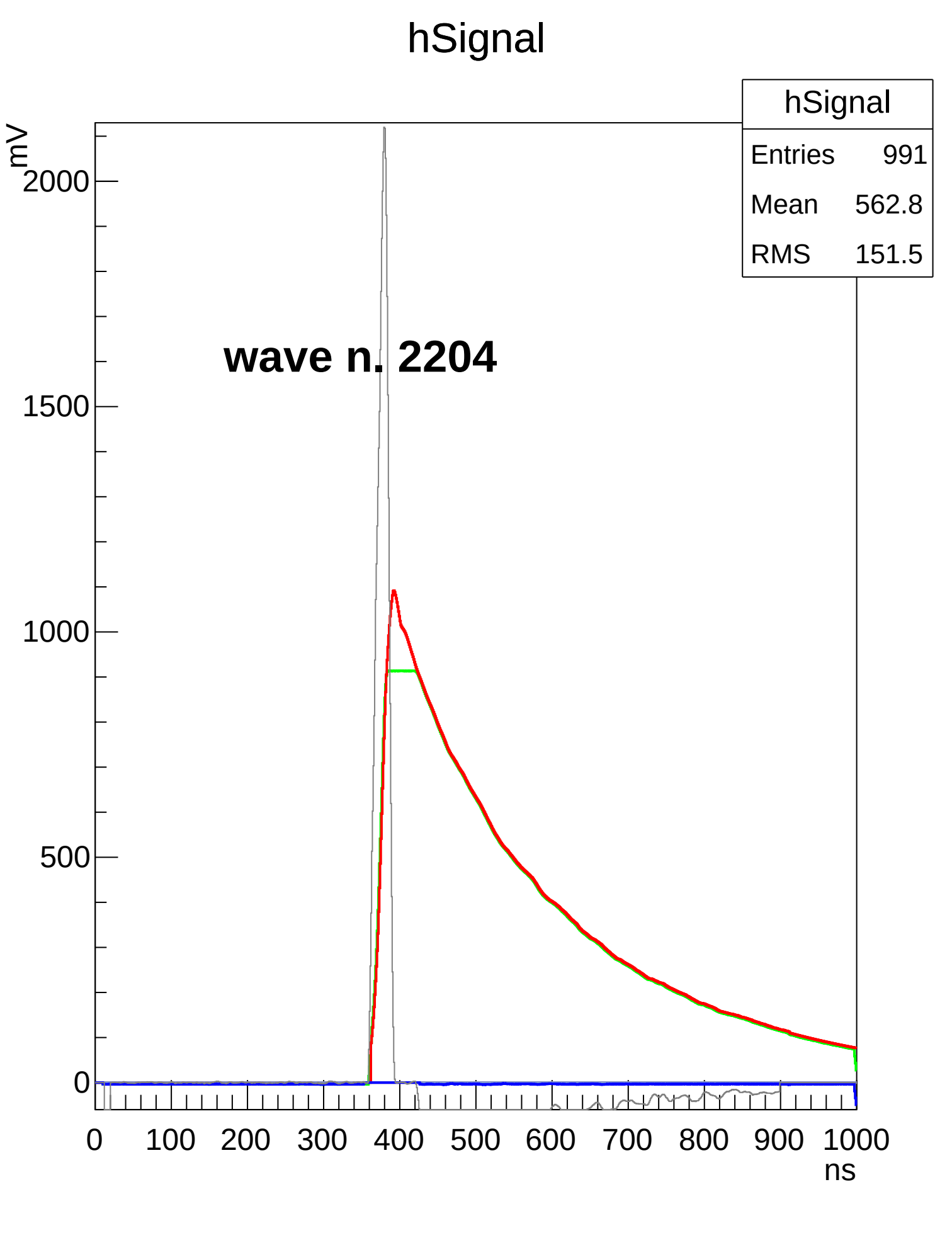

hSignal
hSignal
Entries 991
Mean 573.4
RMS 148.4
wave n. 2199
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

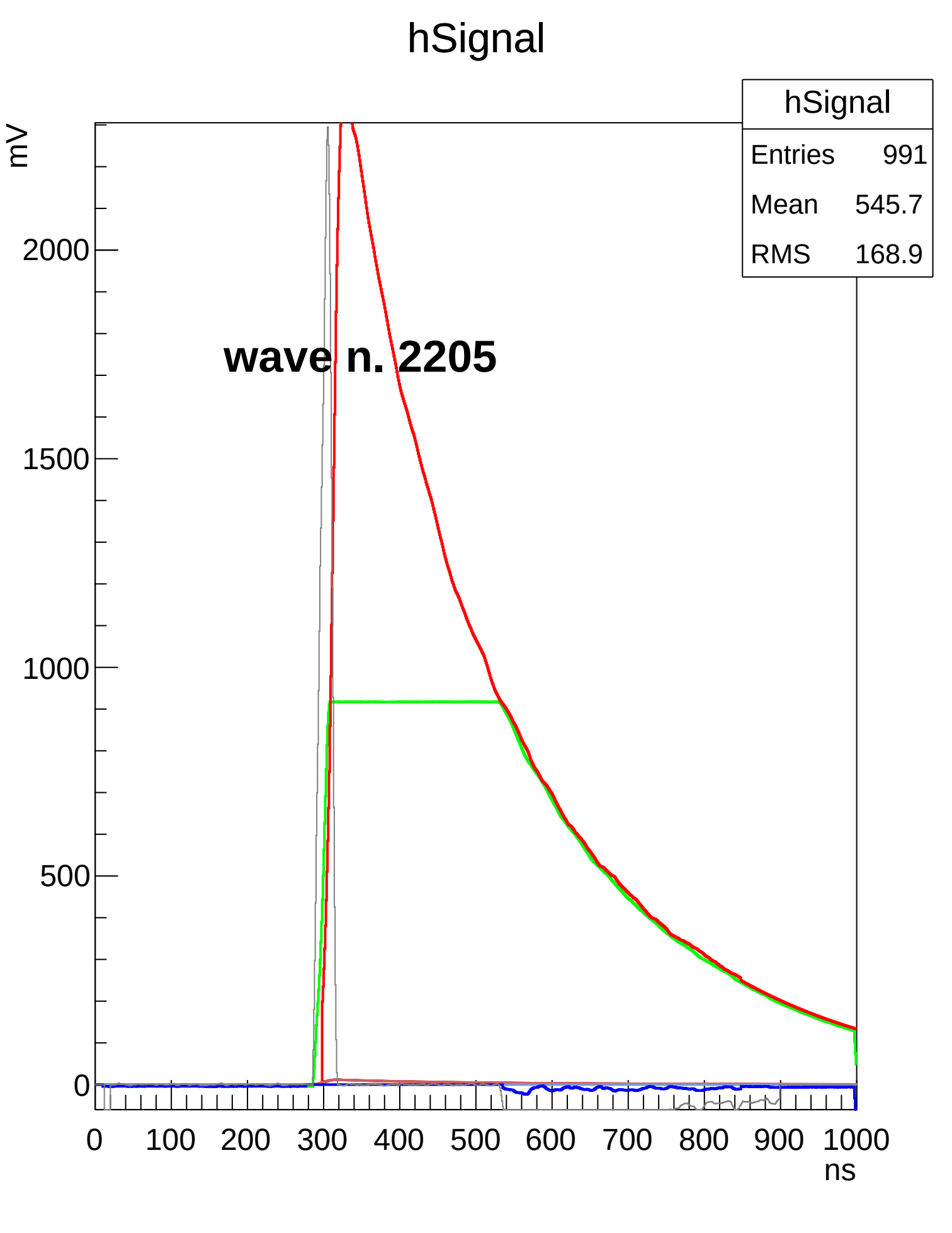

hSignal
hSignal
Entries 991
Mean 600
RMS 142.4
wave n. 2200
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

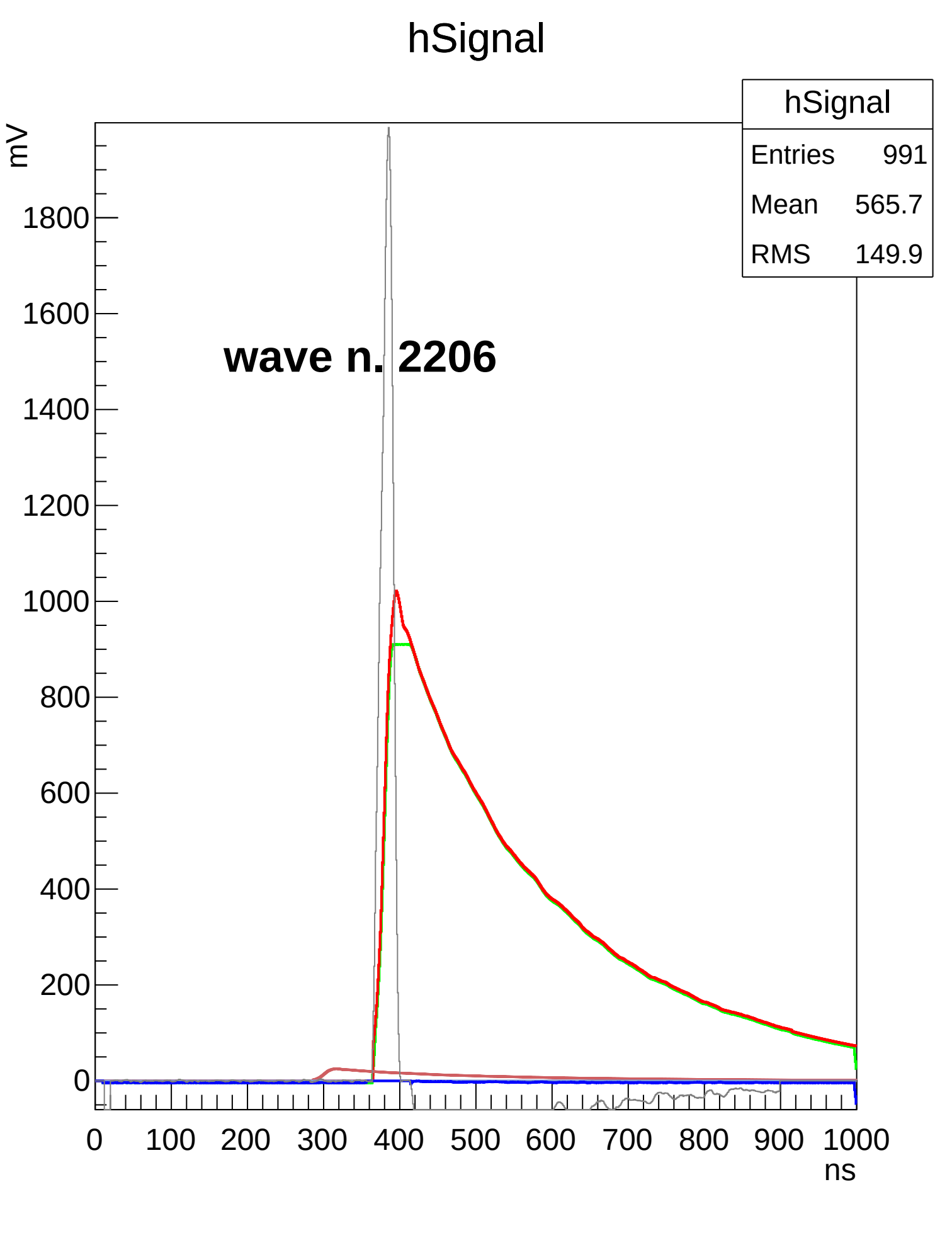

hSignal
hSignal
Entries 991
Mean 552.6
RMS 167.9
wave n. 2201
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 436.7
RMS 174.4
wave n. 2202
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 424.5
RMS 173.8
wave n. 2203
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 562.8
RMS 151.5
wave n. 2204
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 545.7
RMS 168.9
wave n. 2205
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.7
RMS 149.9
wave n. 2206
mV
1800
1600
1400
1200
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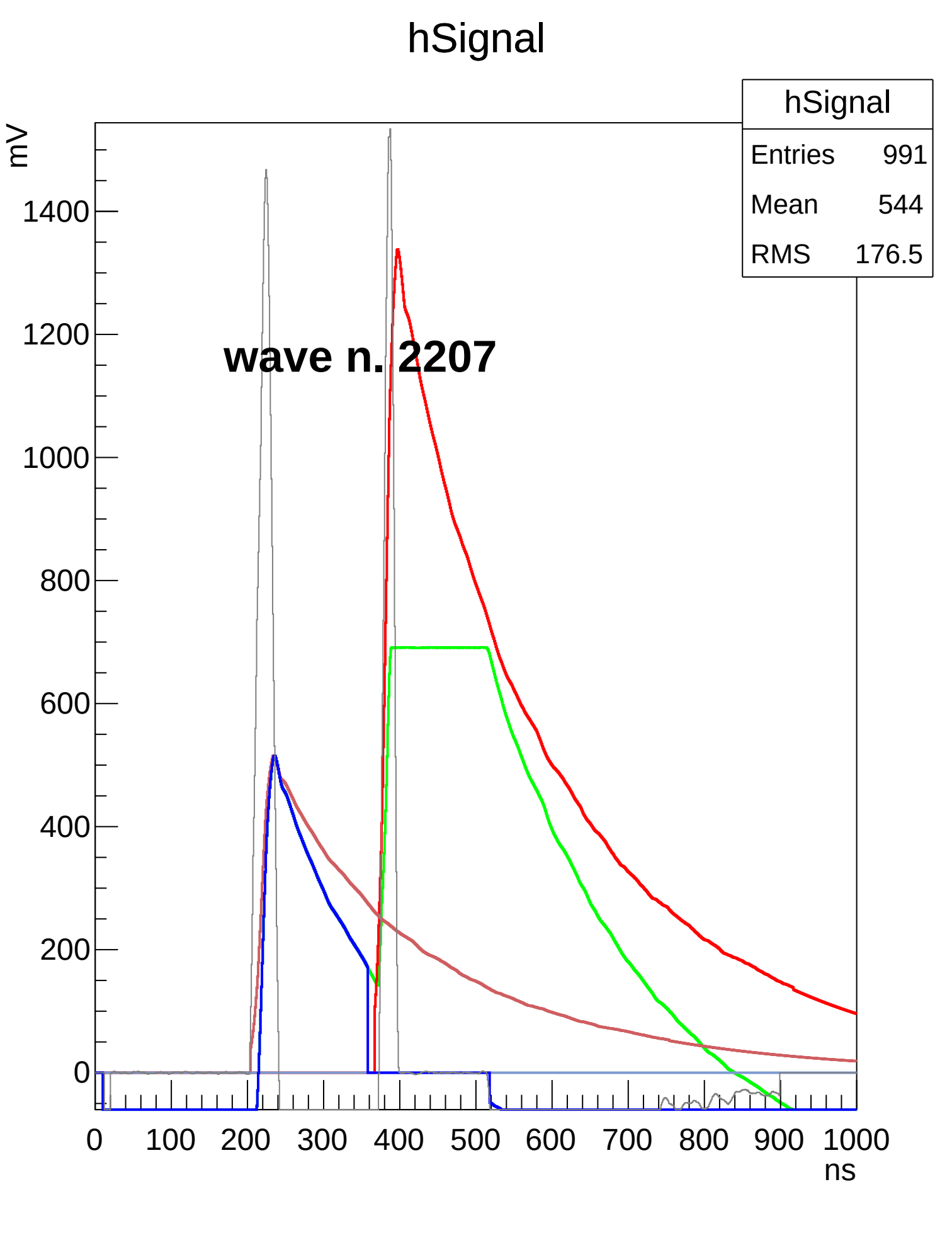
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 544
RMS 176.5
wave n. 2207
mV
1400
1200
1000
800
600
400
200
0
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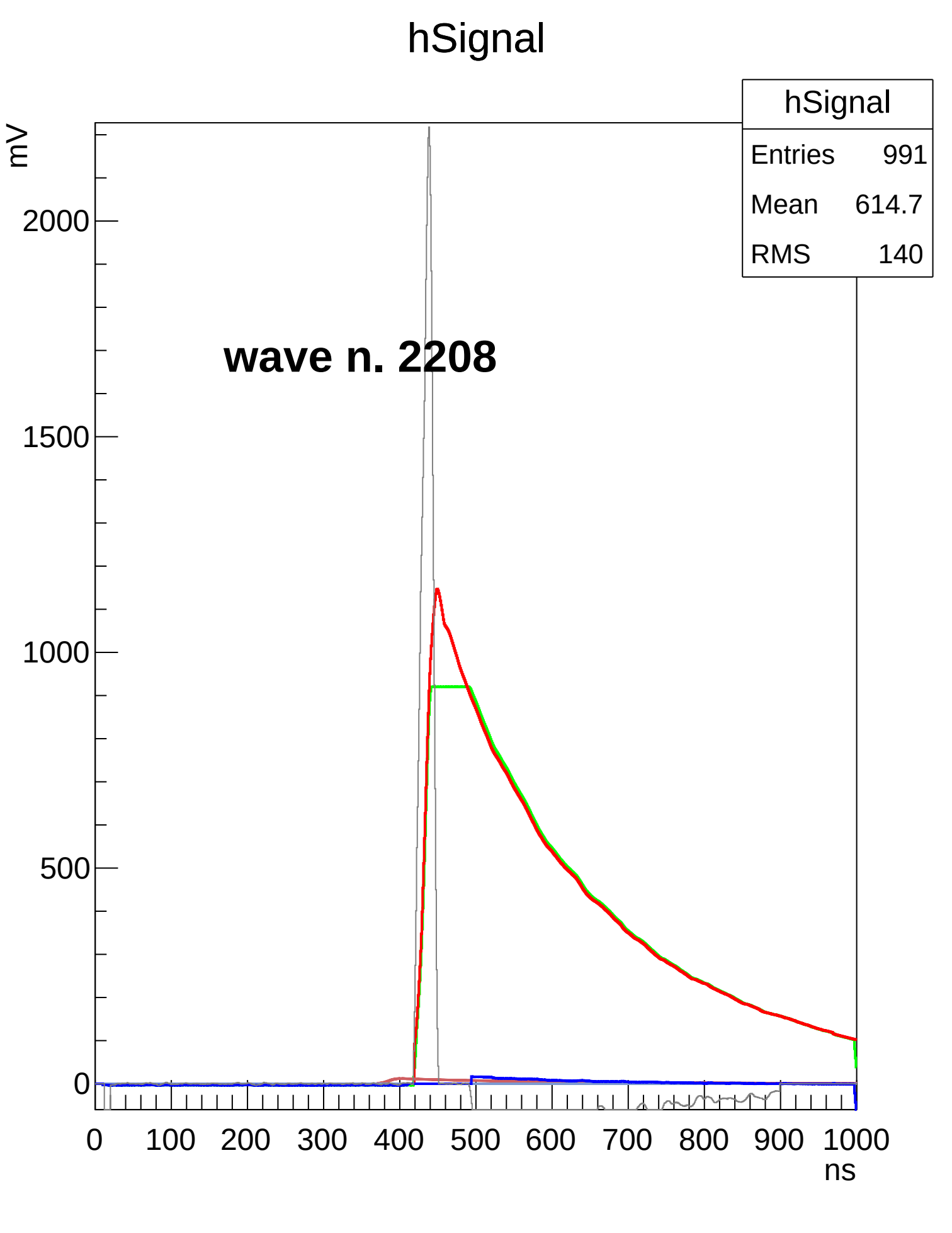
ns


hSignal
hSignal
Entries 991
Mean 614.7
RMS 140
wave n. 2208
mV
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1000
500
0
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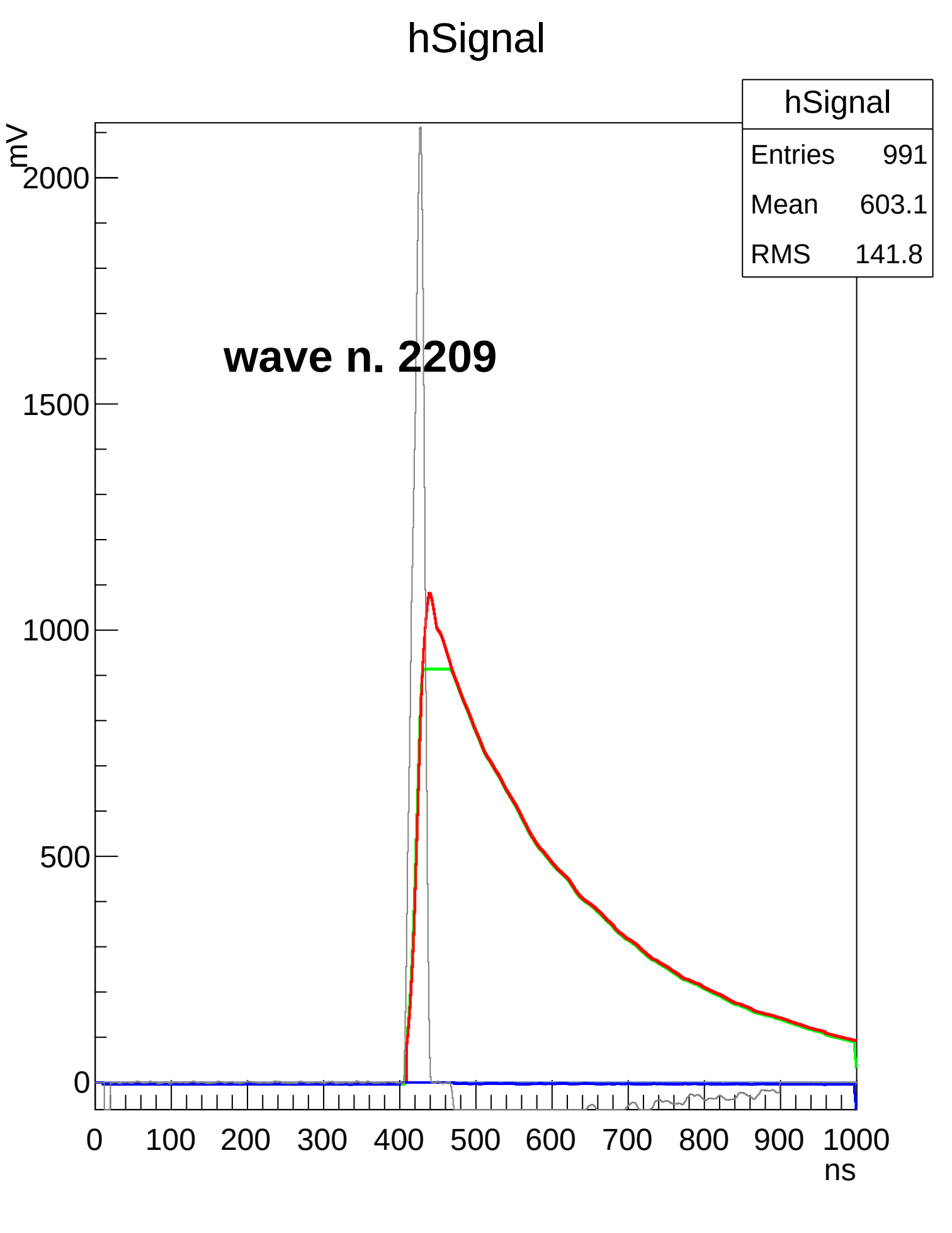
ns


hSignal
hSignal
Entries 991
Mean 603.1
RMS 141.8
wave n. 2209
mV
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1500
1000
500
0
0
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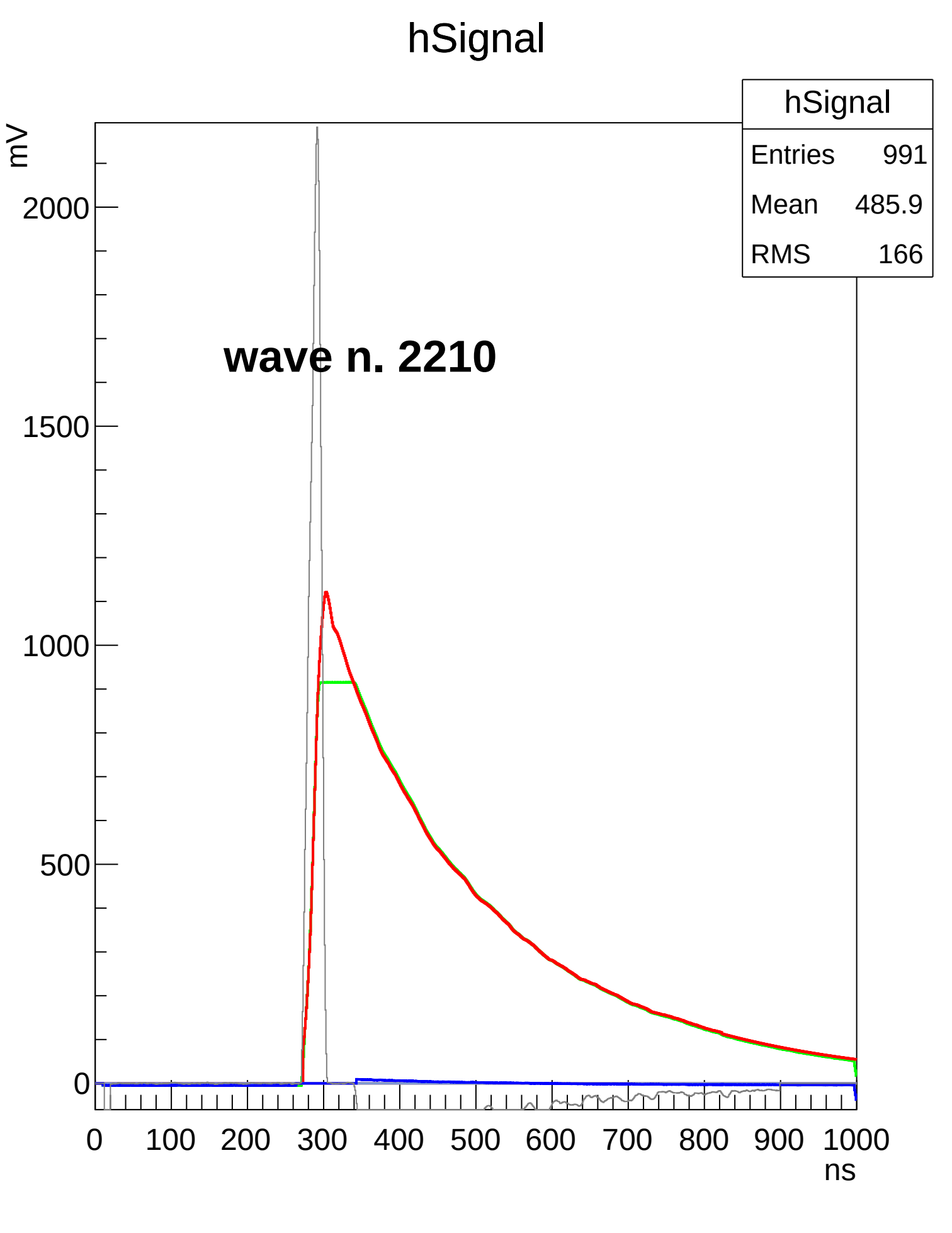
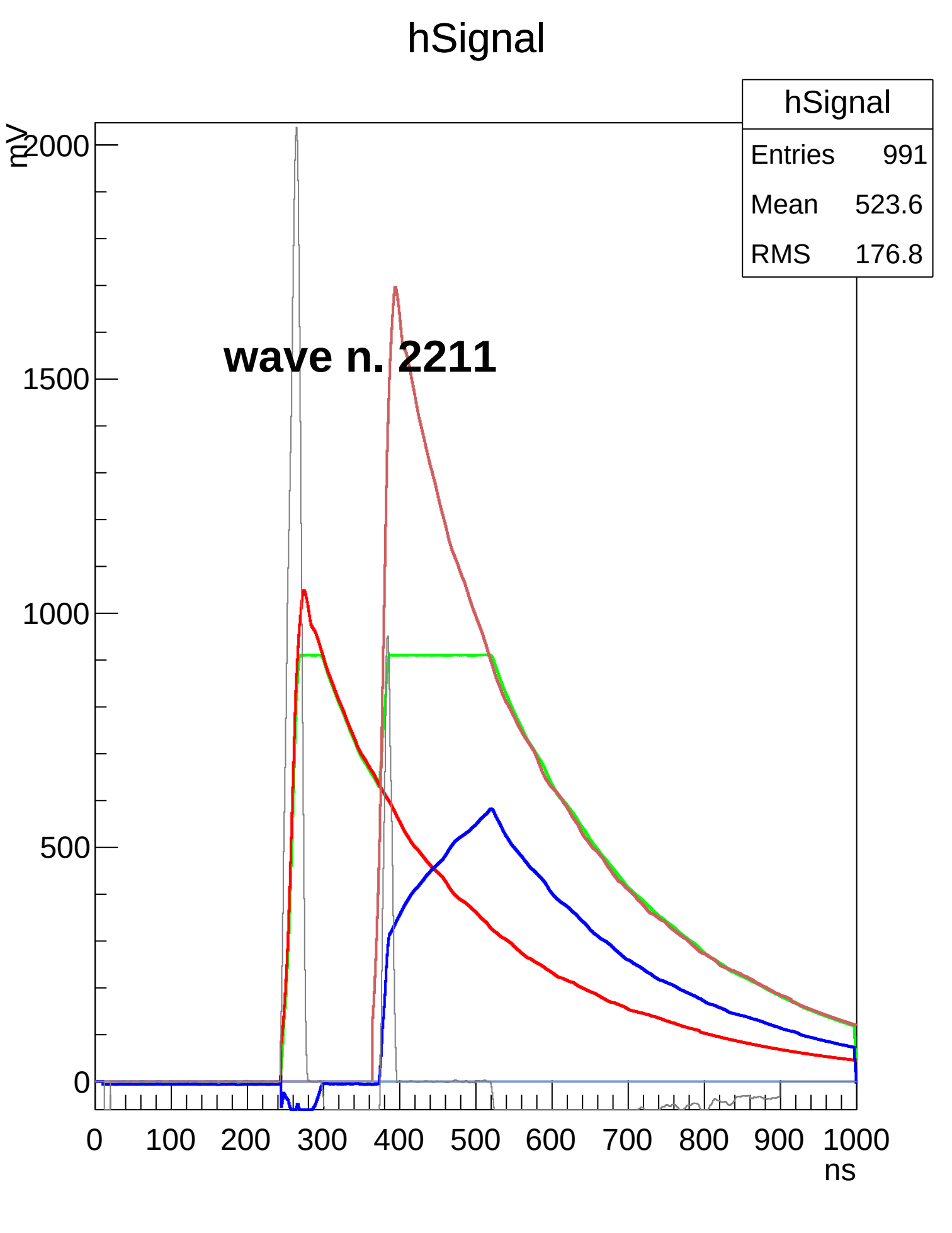
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485.9
RMS 166
wave n. 2210
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 523.6
RMS 176.8
wave n. 2211
mV
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1500
1000
500
0
0
100
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400
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600
700
800
900
1000
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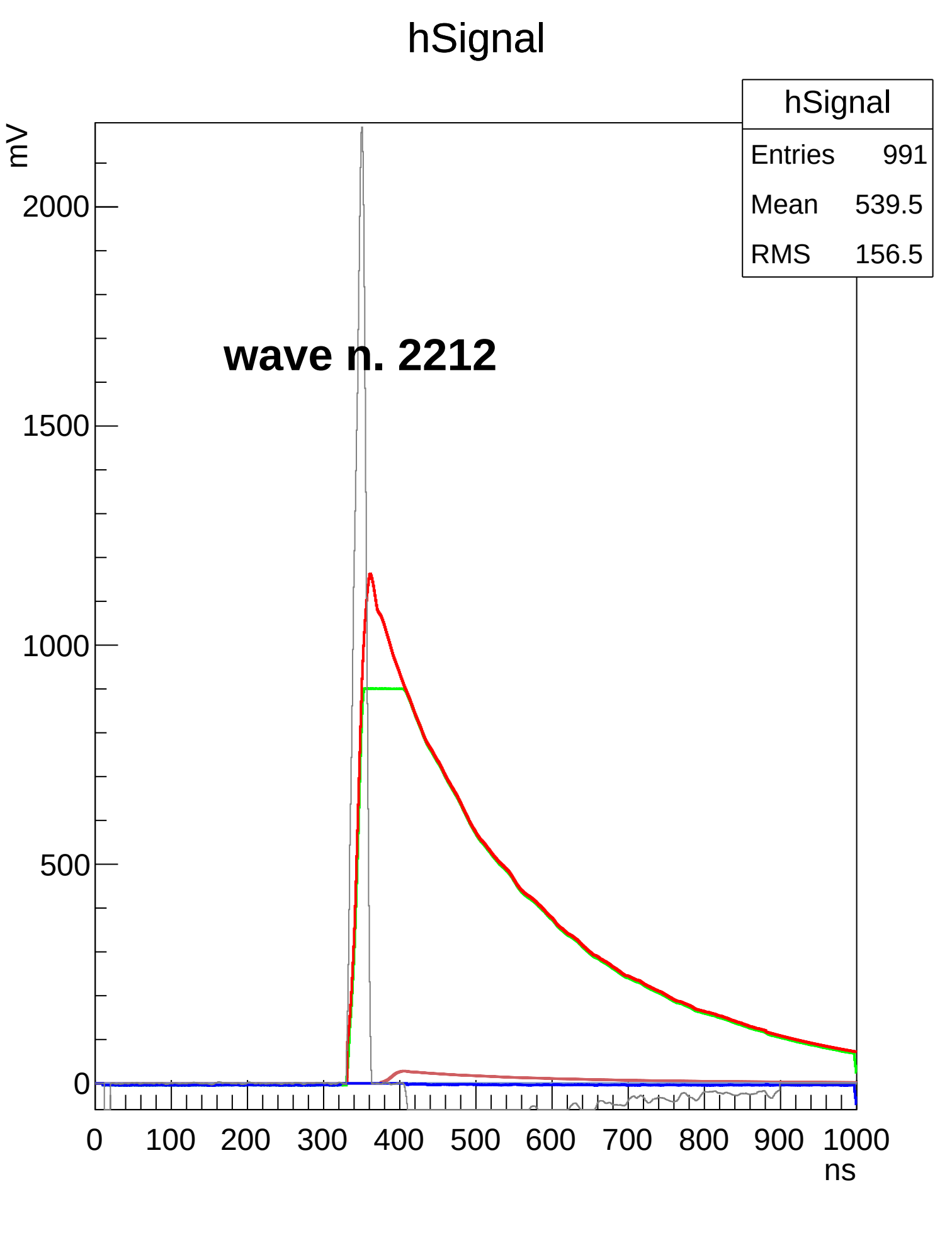
hSignal
hSignal
Entries 991
Mean 539.5
RMS 156.5
wave n. 2212
mV
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1000
500
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0
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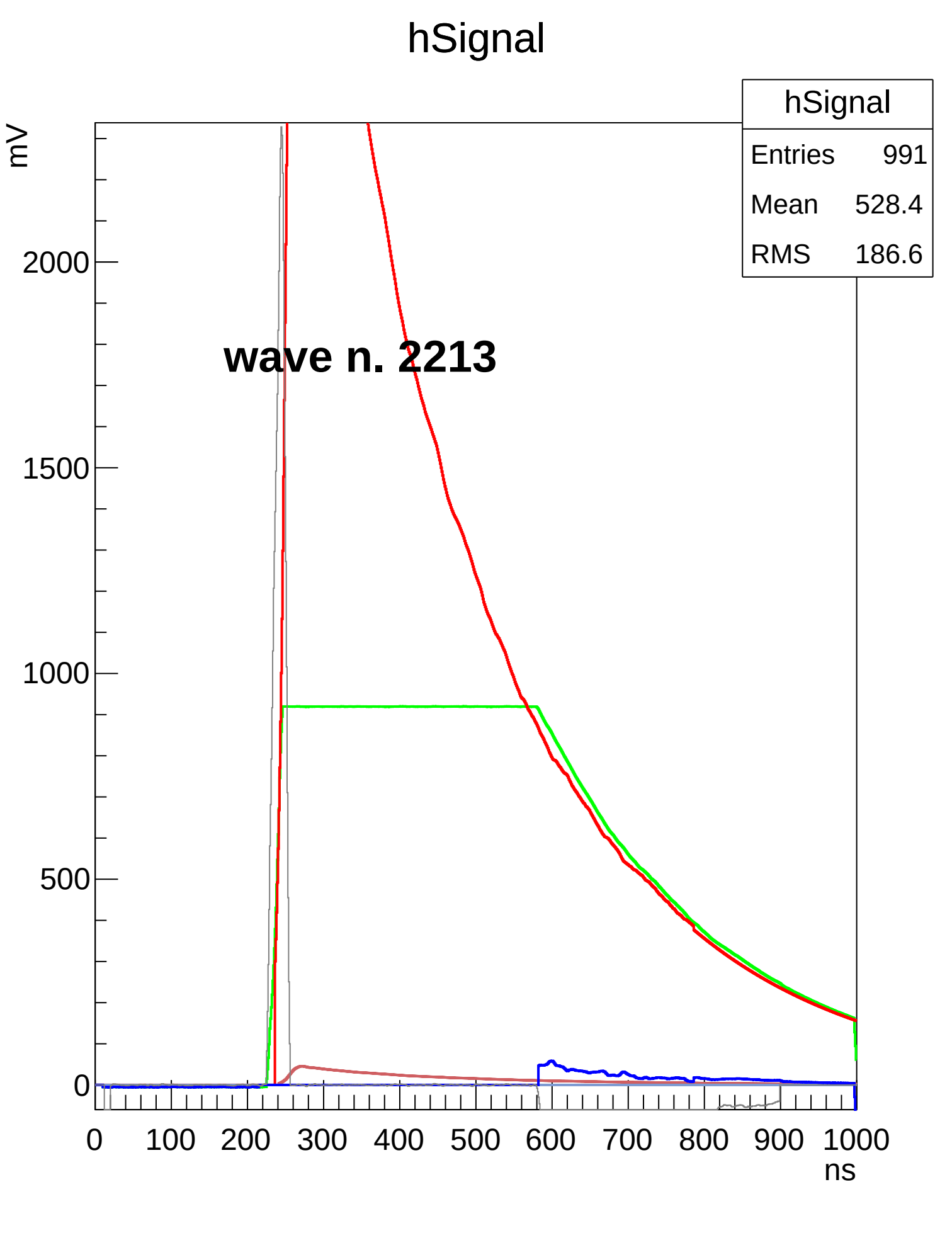
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 528.4
RMS 186.6
wave n. 2213
mV
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1500
1000
500
0
0
100
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400
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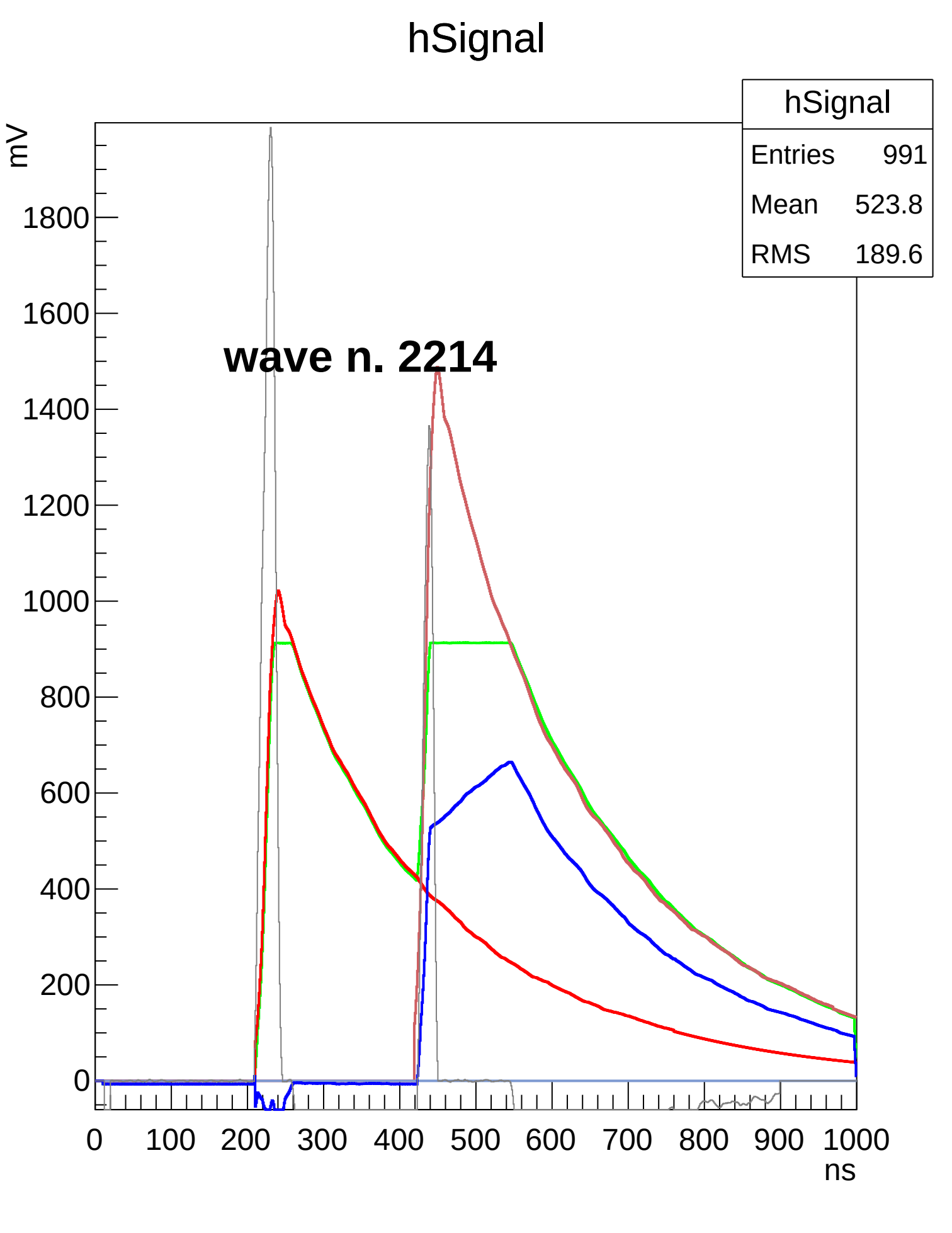
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 523.8
RMS 189.6
wave n. 2214
mV
1800
1600
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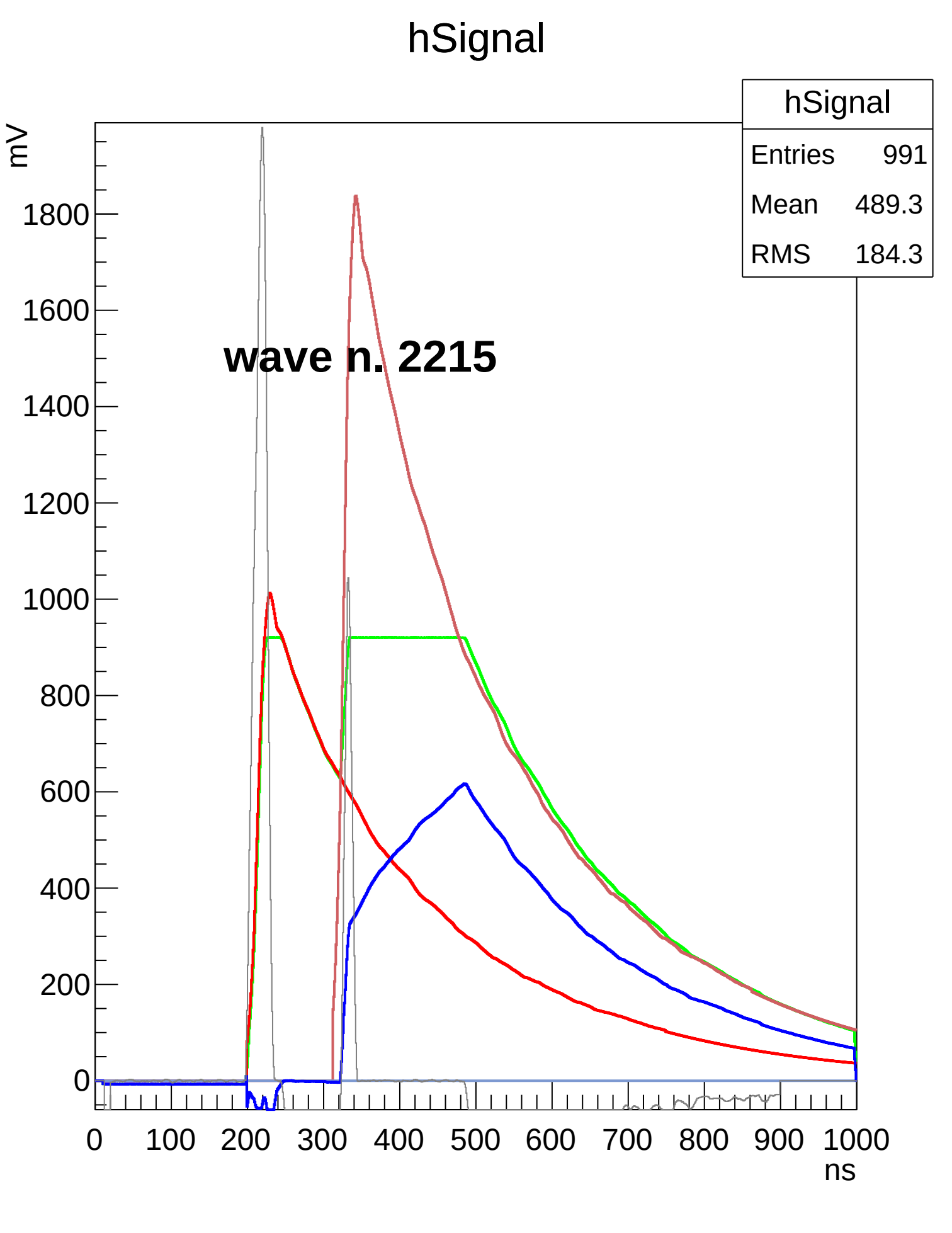
1000
ns


hSignal
hSignal
Entries 991
Mean 489.3
RMS 184.3
wave n. 2215
mV
1800
1600
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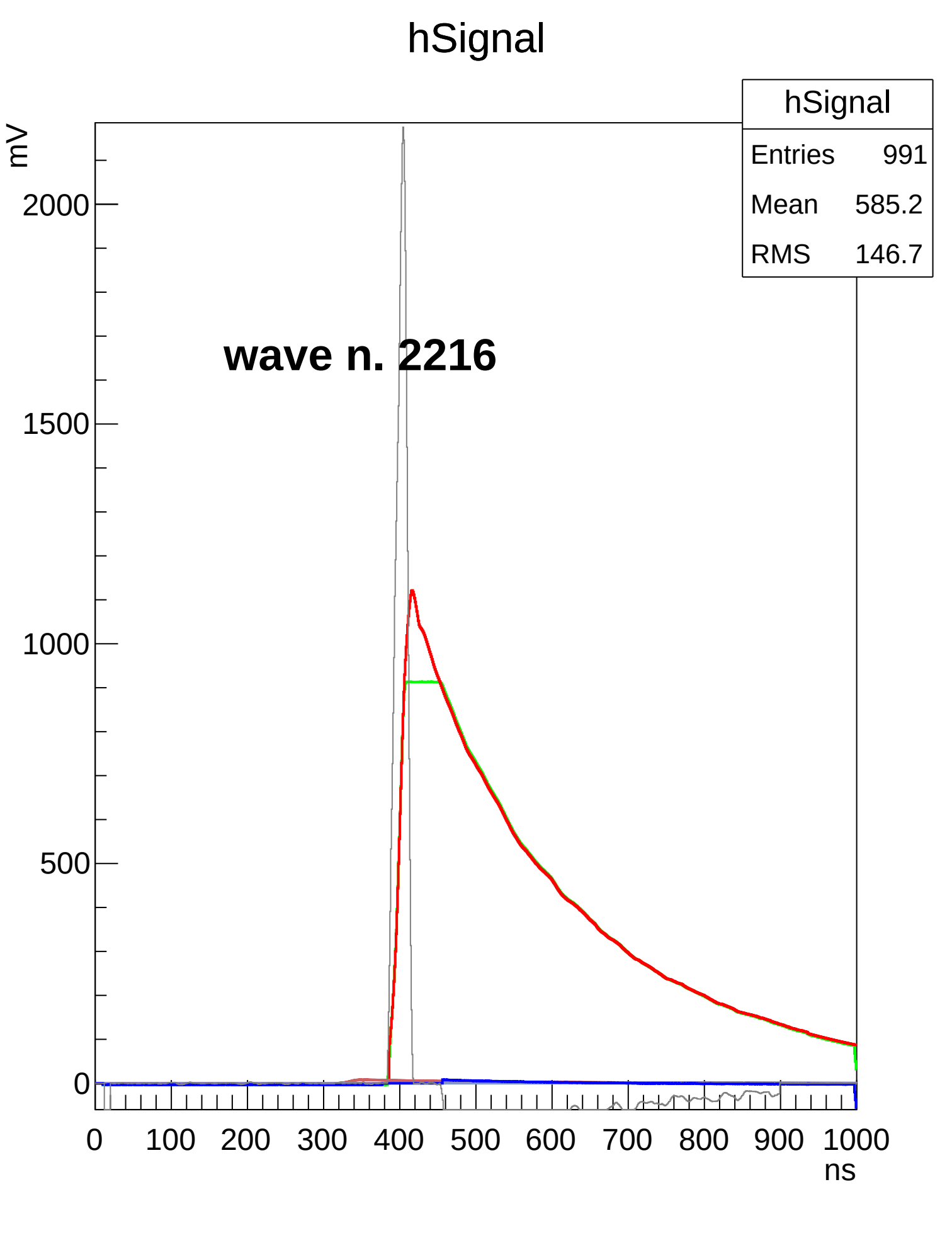
ns


hSignal
hSignal
Entries 991
Mean 585.2
RMS 146.7
wave n. 2216
mV
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1500
1000
500
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100
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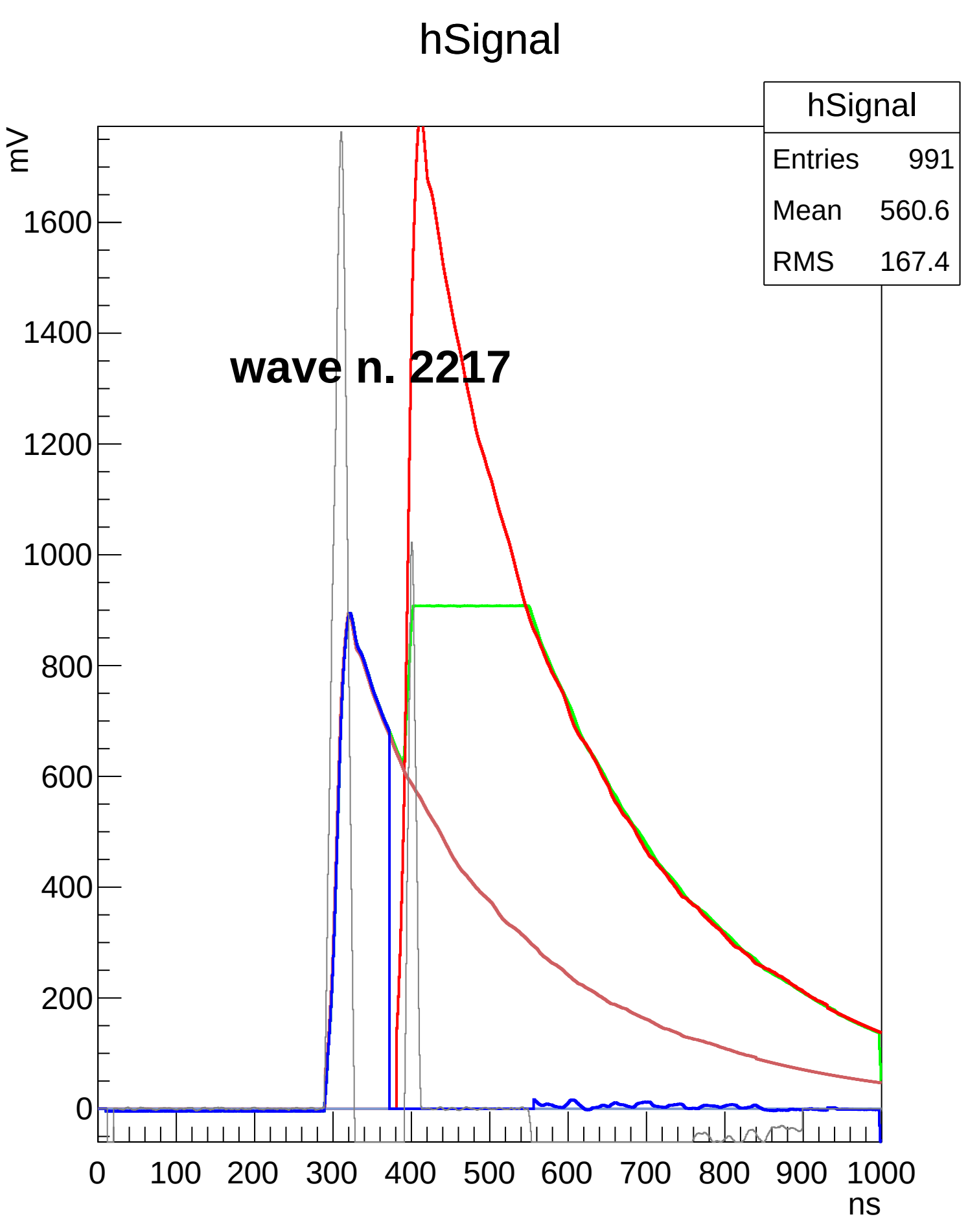
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.6
RMS 167.4
wave n. 2217
mV
1600
1400
1200
1000
800
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400
200
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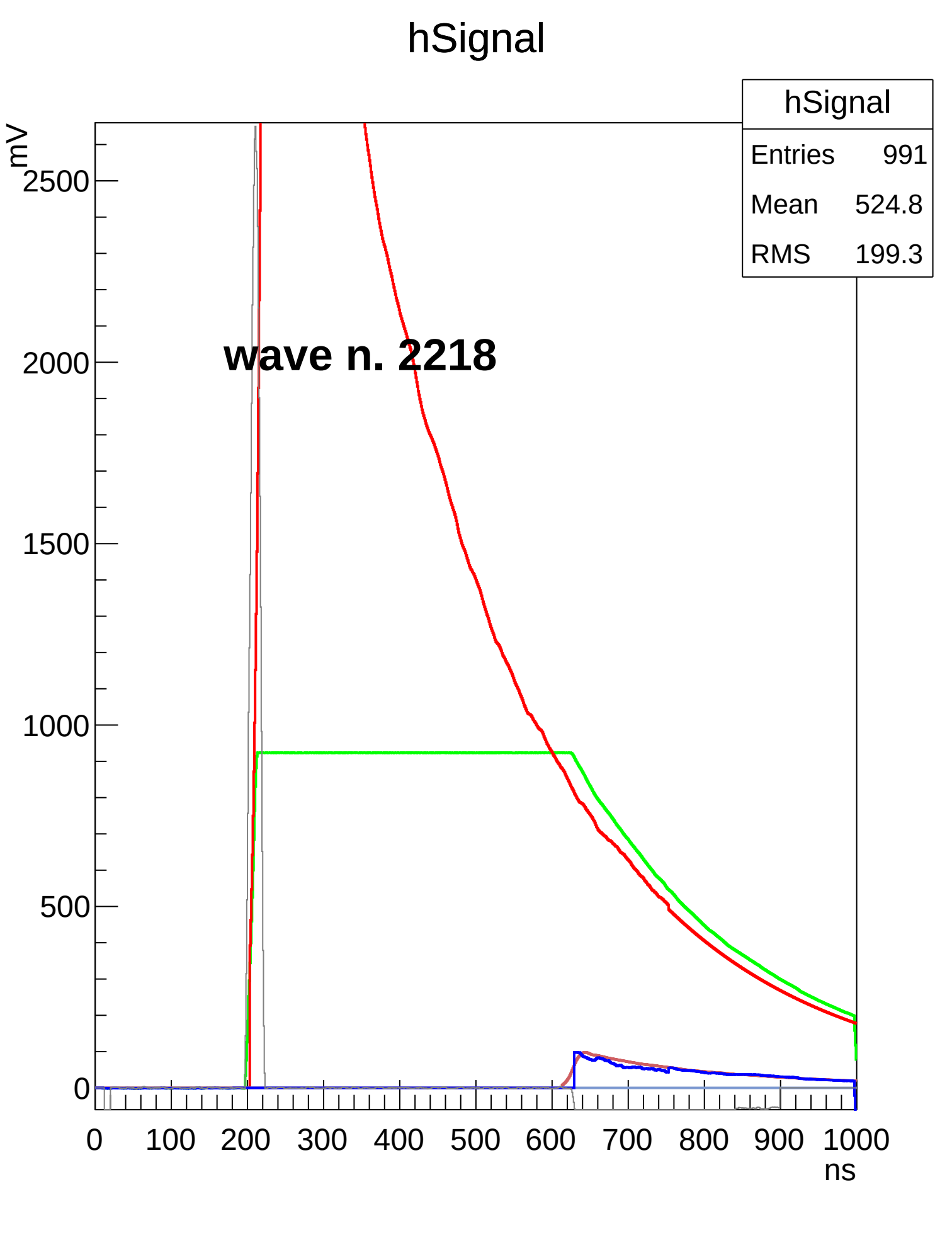
ns


hSignal
hSignal
Entries 991
Mean 524.8
RMS 199.3
wave n. 2218
mV
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1500
1000
500
0
0
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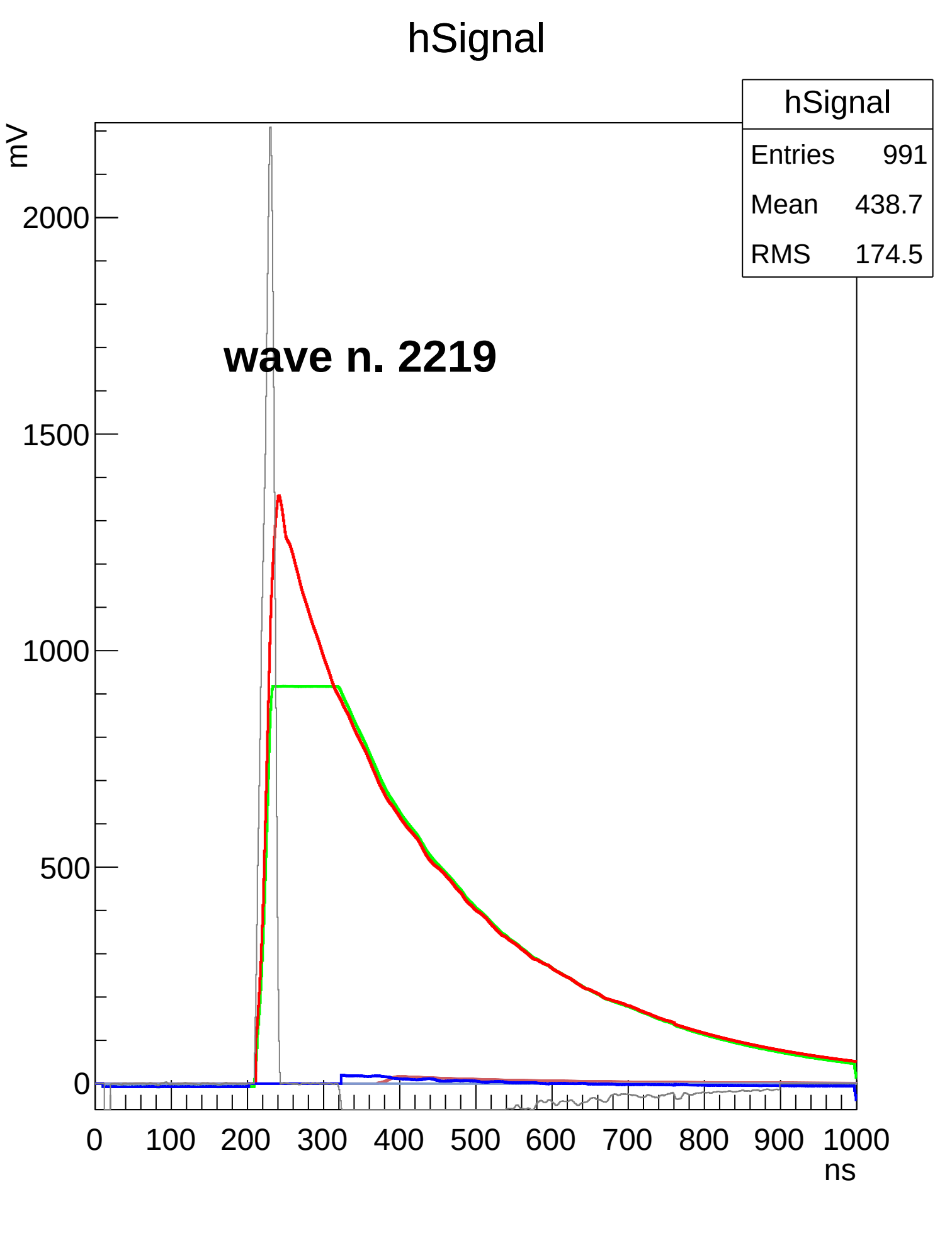
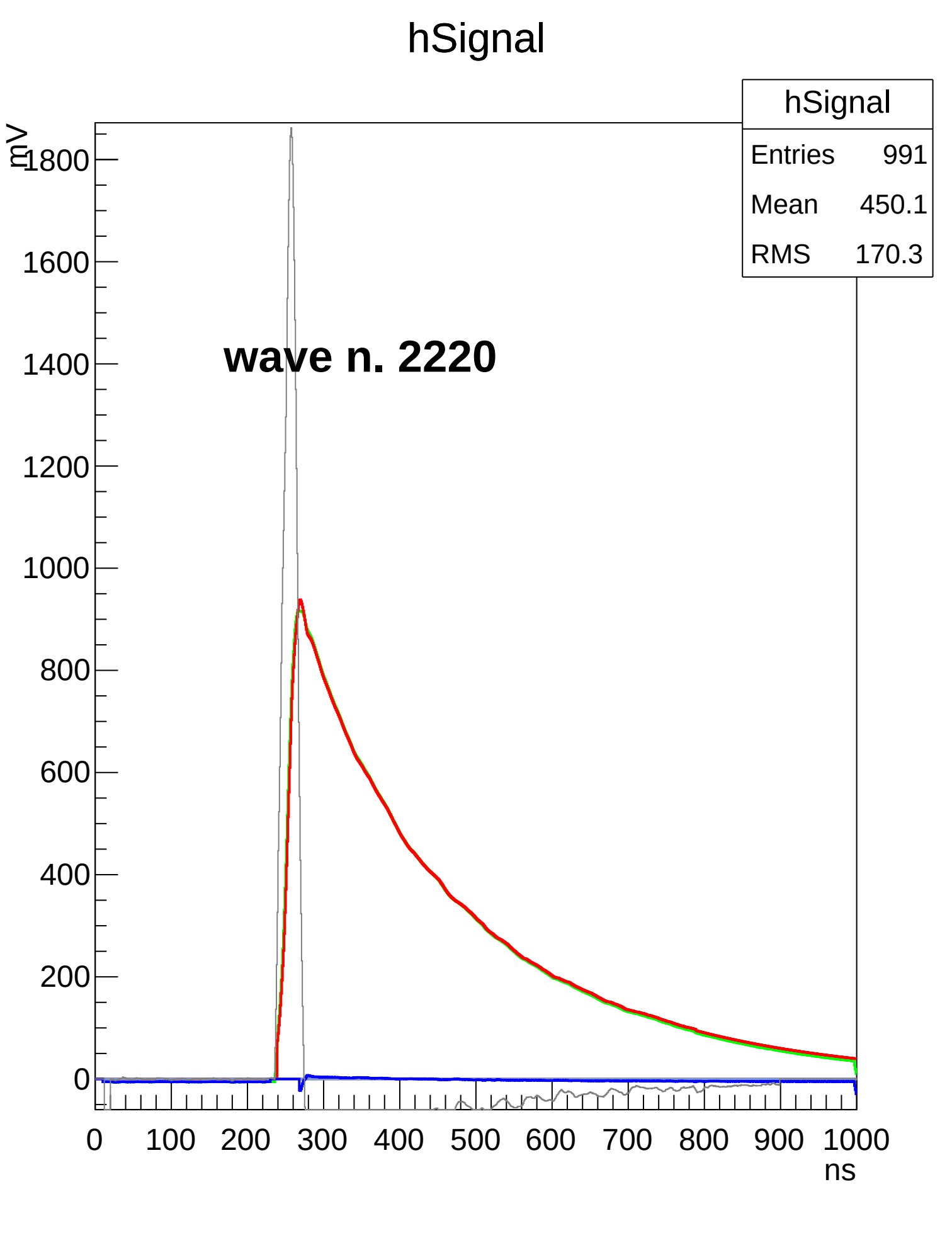
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 438.7
RMS 174.5
wave n. 2219
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 450.1
RMS 170.3
wave n. 2220
mV
1800
1600
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1200
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0
100
200
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400
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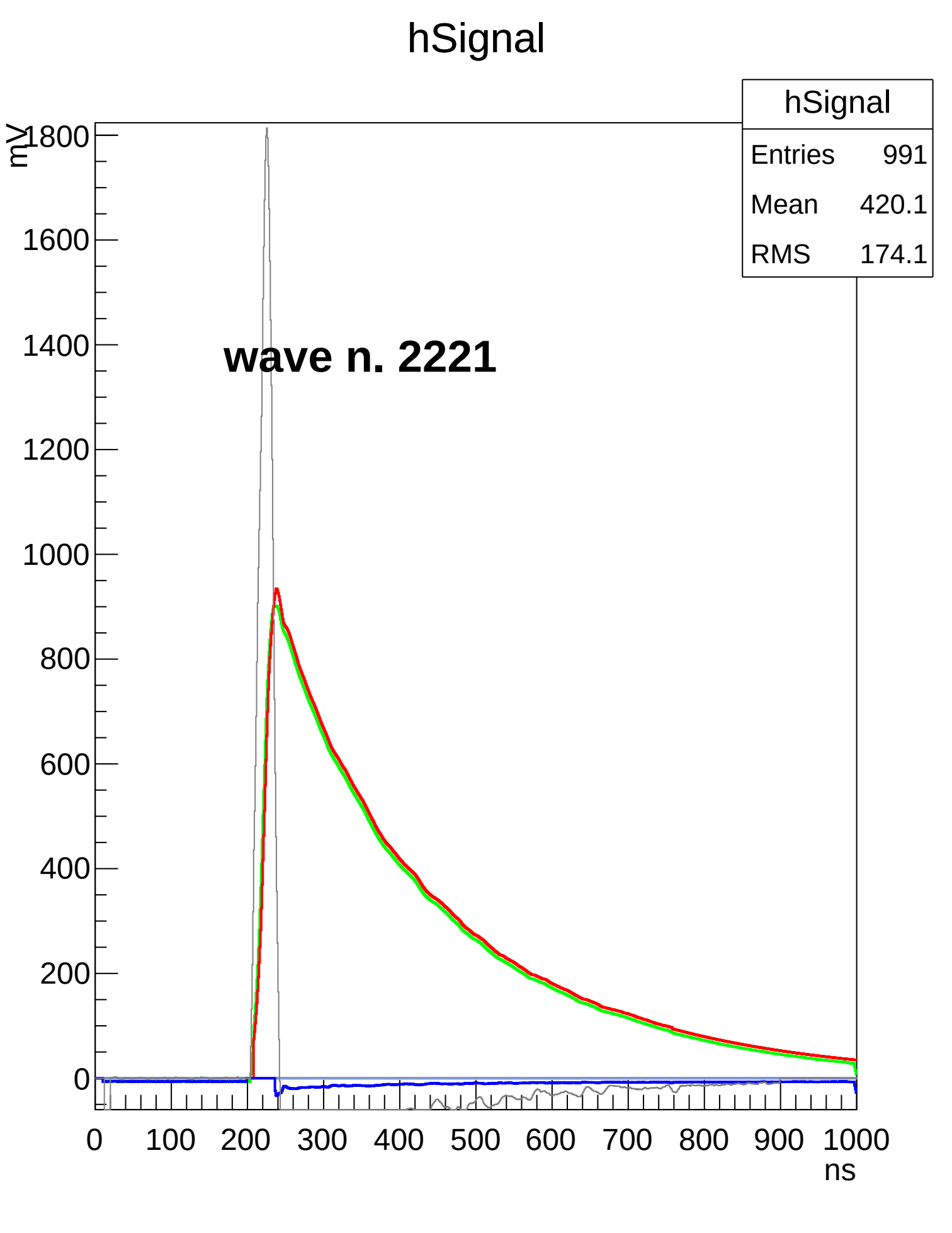
1000
ns


hSignal
hSignal
Entries 991
Mean 420.1
RMS 174.1
wave n. 2221
mV
1800
1600
1400
1200
1000
800
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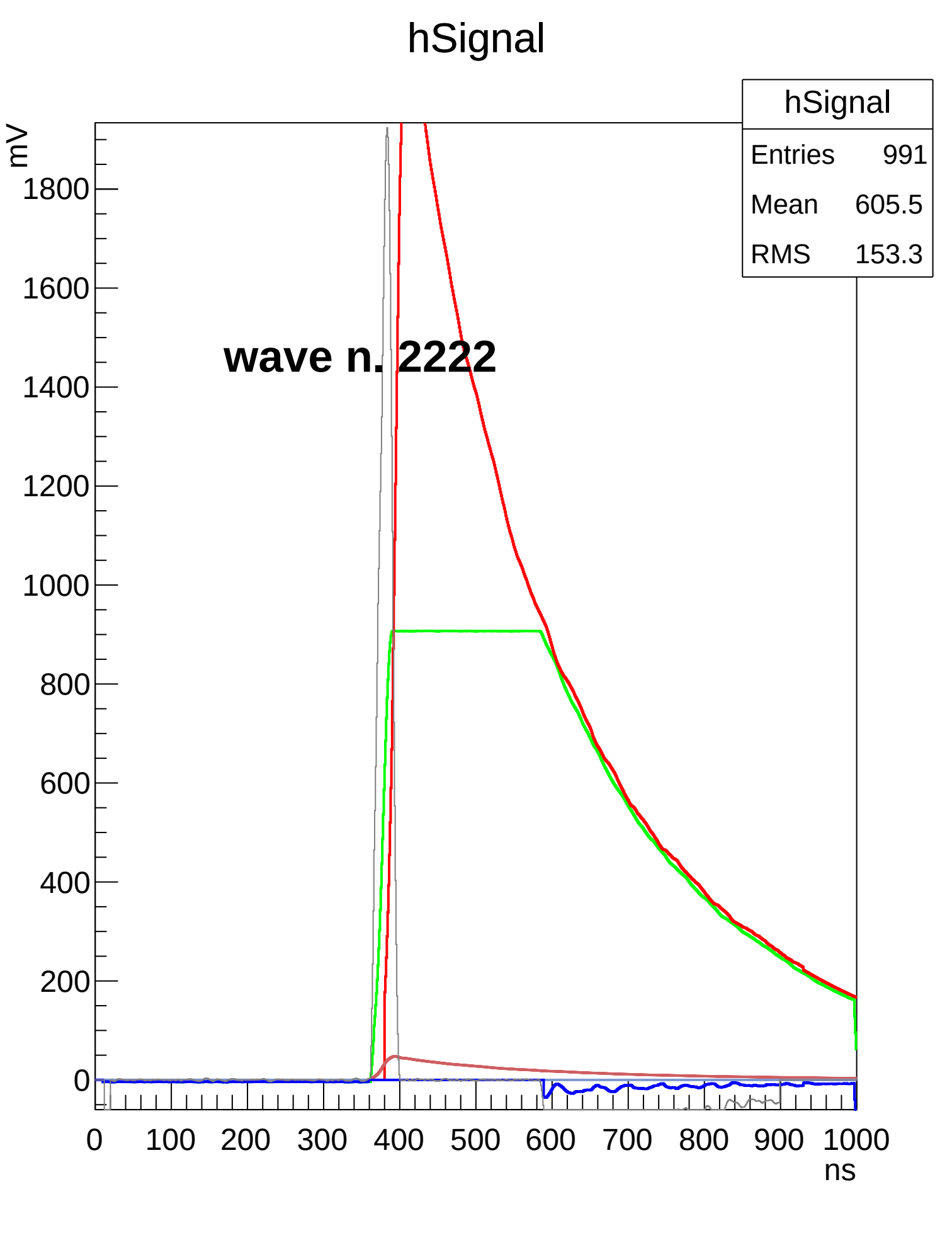
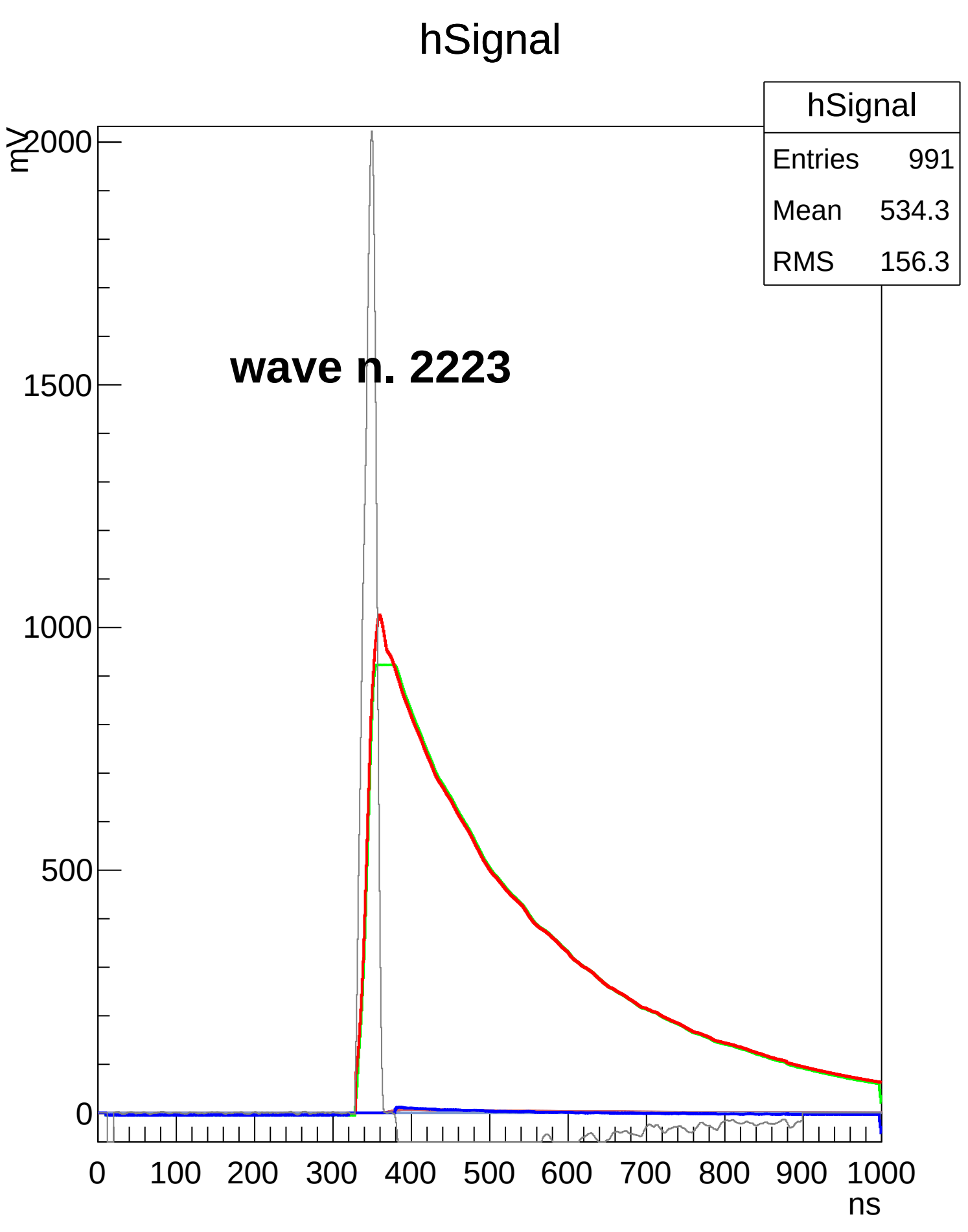
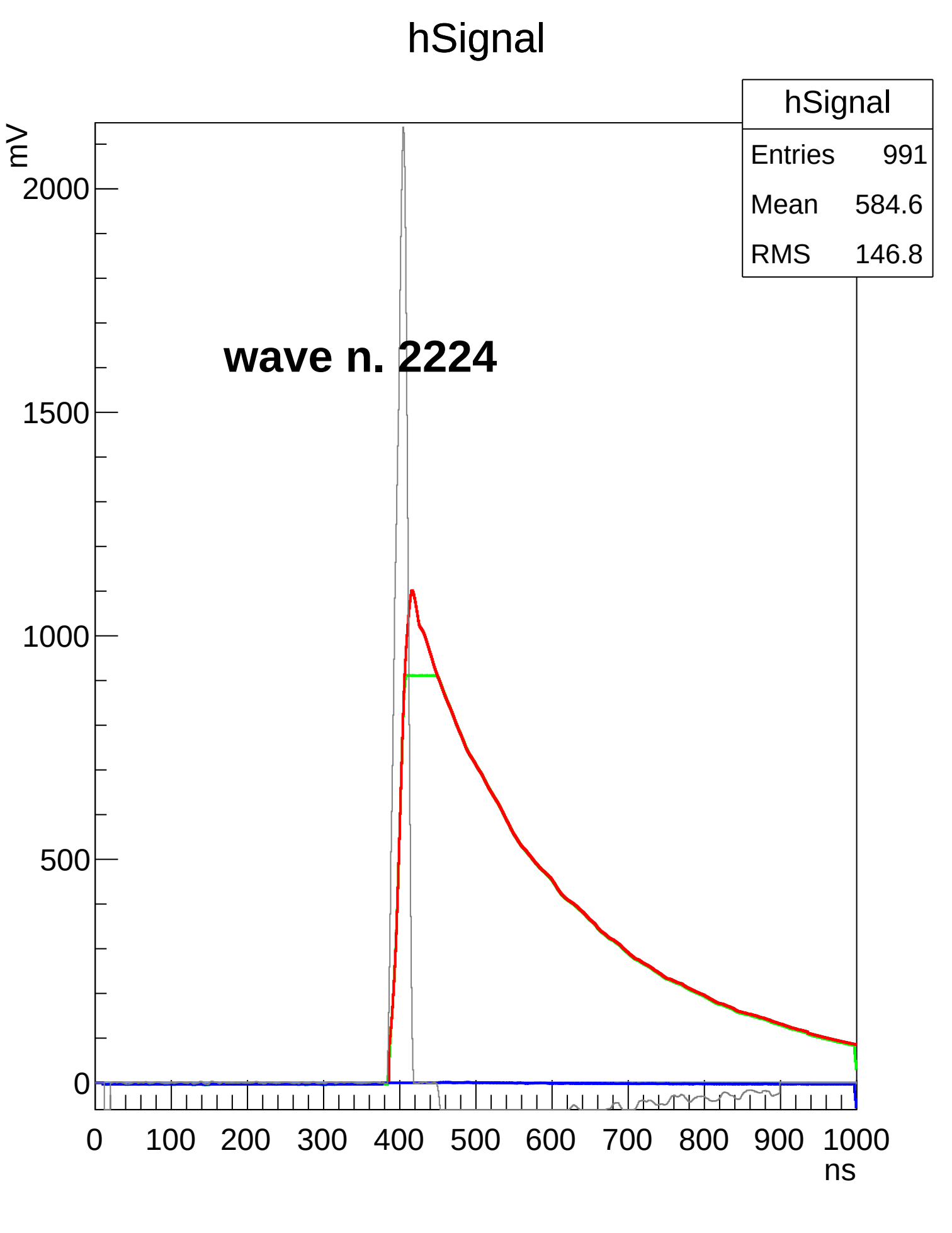
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 605.5
RMS 153.3
wave n. 2222
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.3
RMS 156.3
wave n. 2223
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 584.6
RMS 146.8
wave n. 2224
mV
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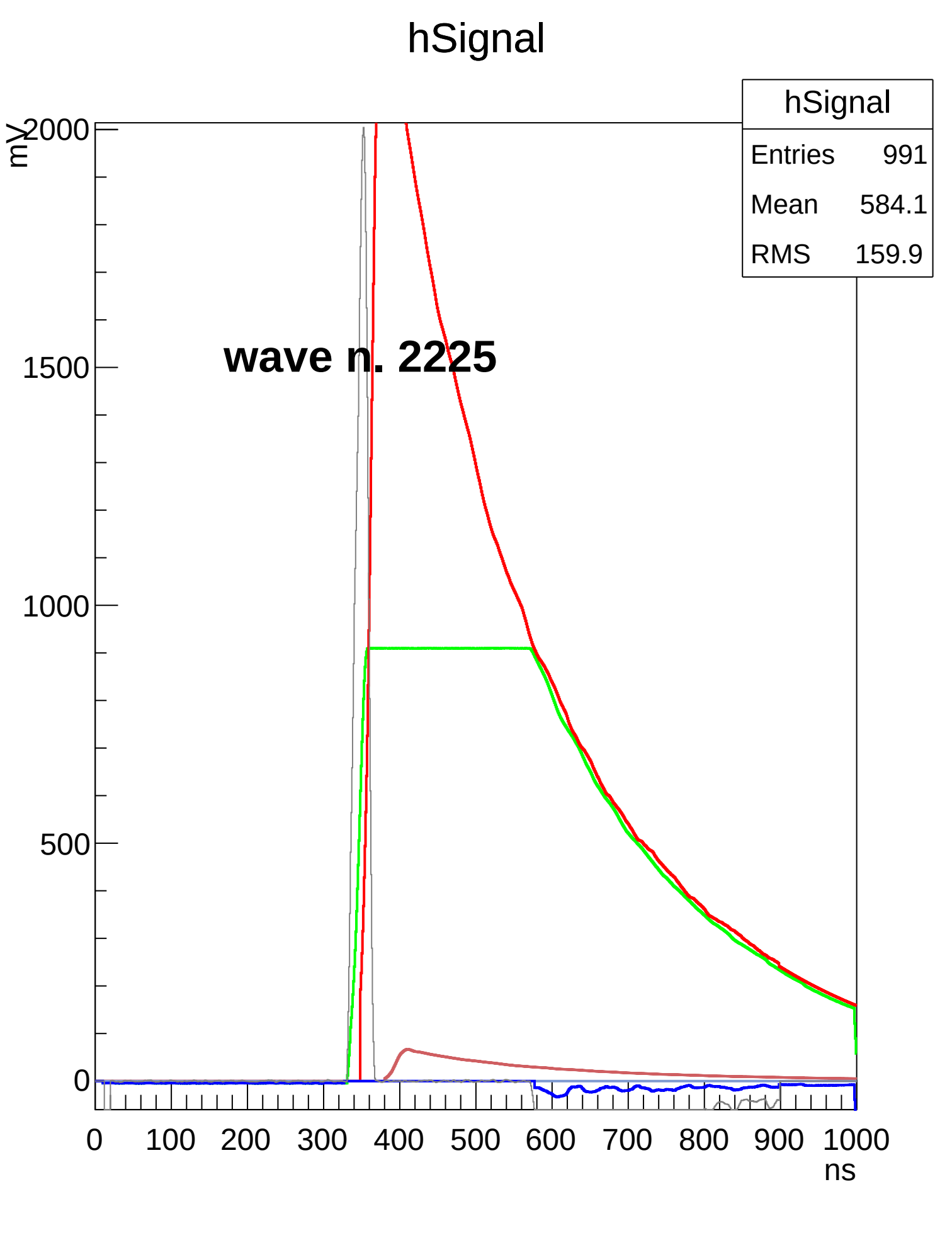
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 584.1
RMS 159.9
wave n. 2225
mV
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1000
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0
0
100
200
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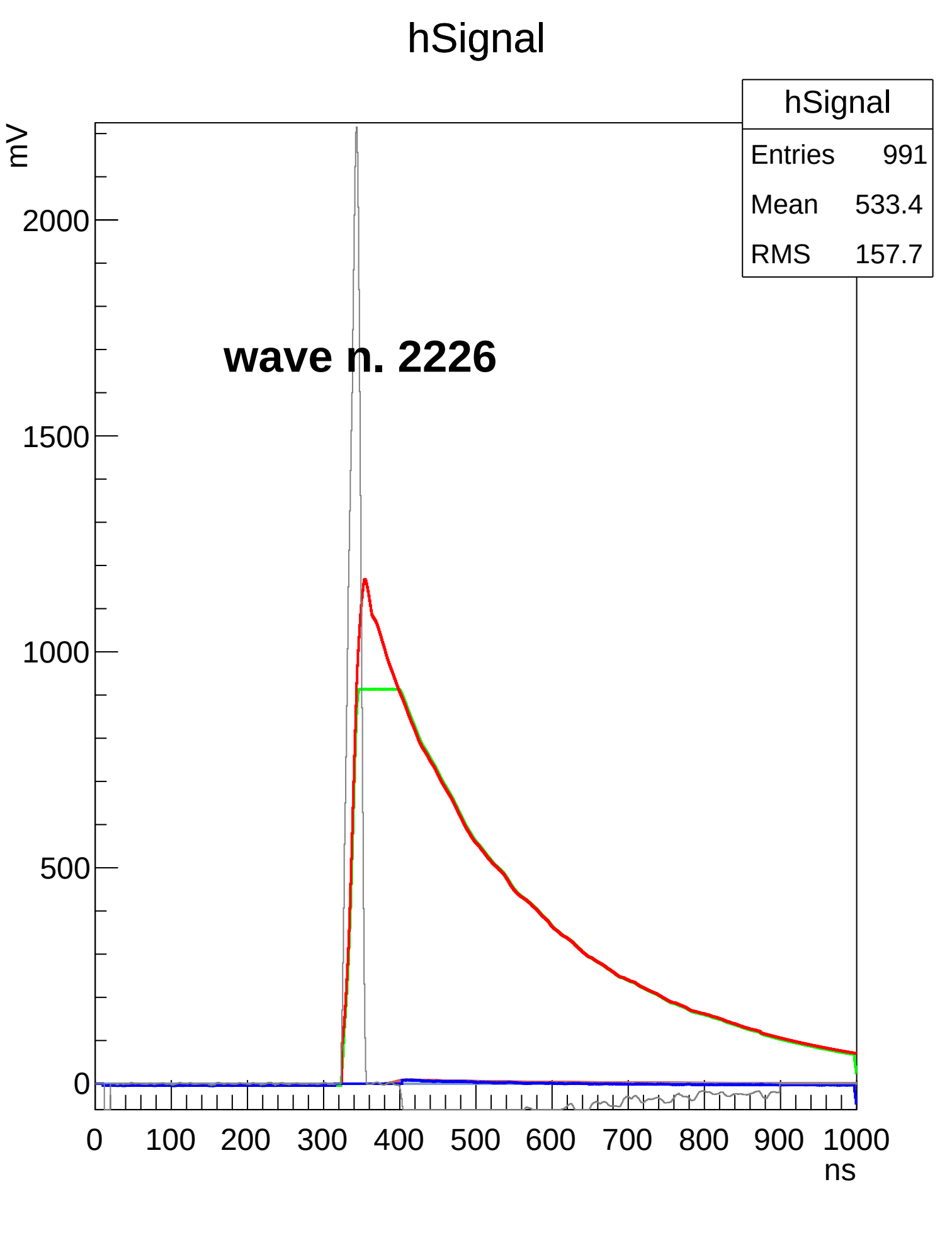
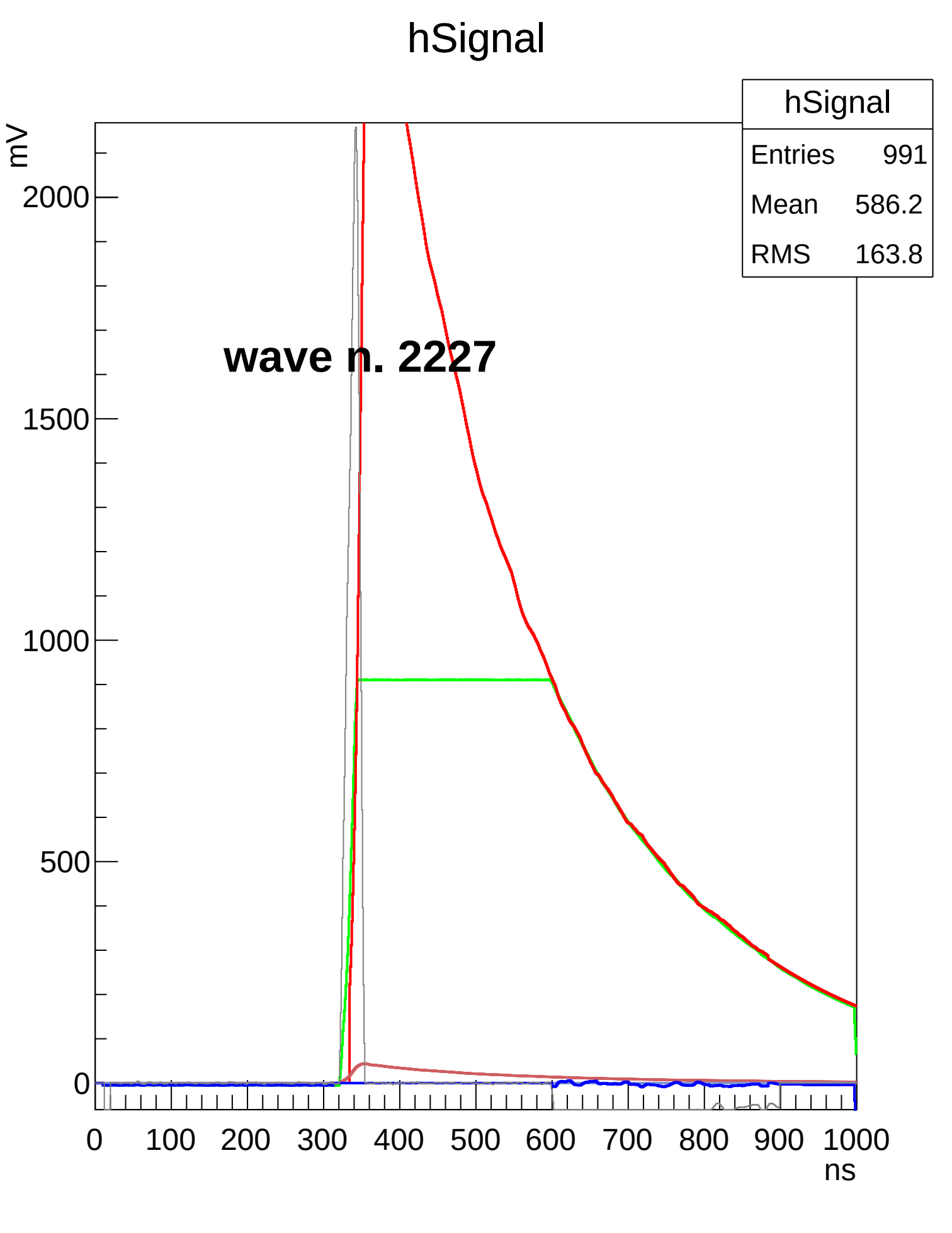
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 533.4
RMS 157.7
wave n. 2226
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586.2
RMS 163.8
wave n. 2227
mV
2000
1500
1000
500
0
0
100
200
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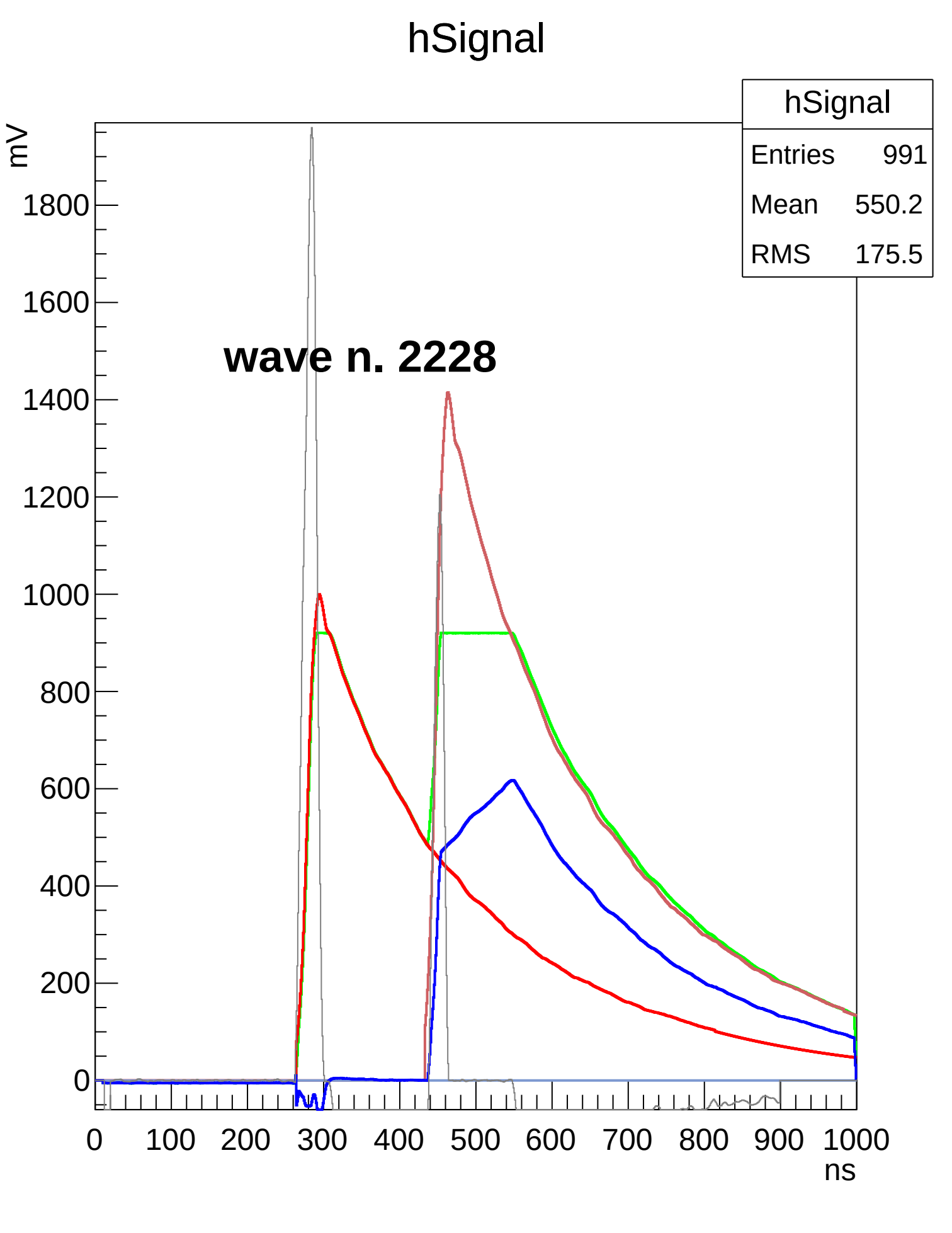
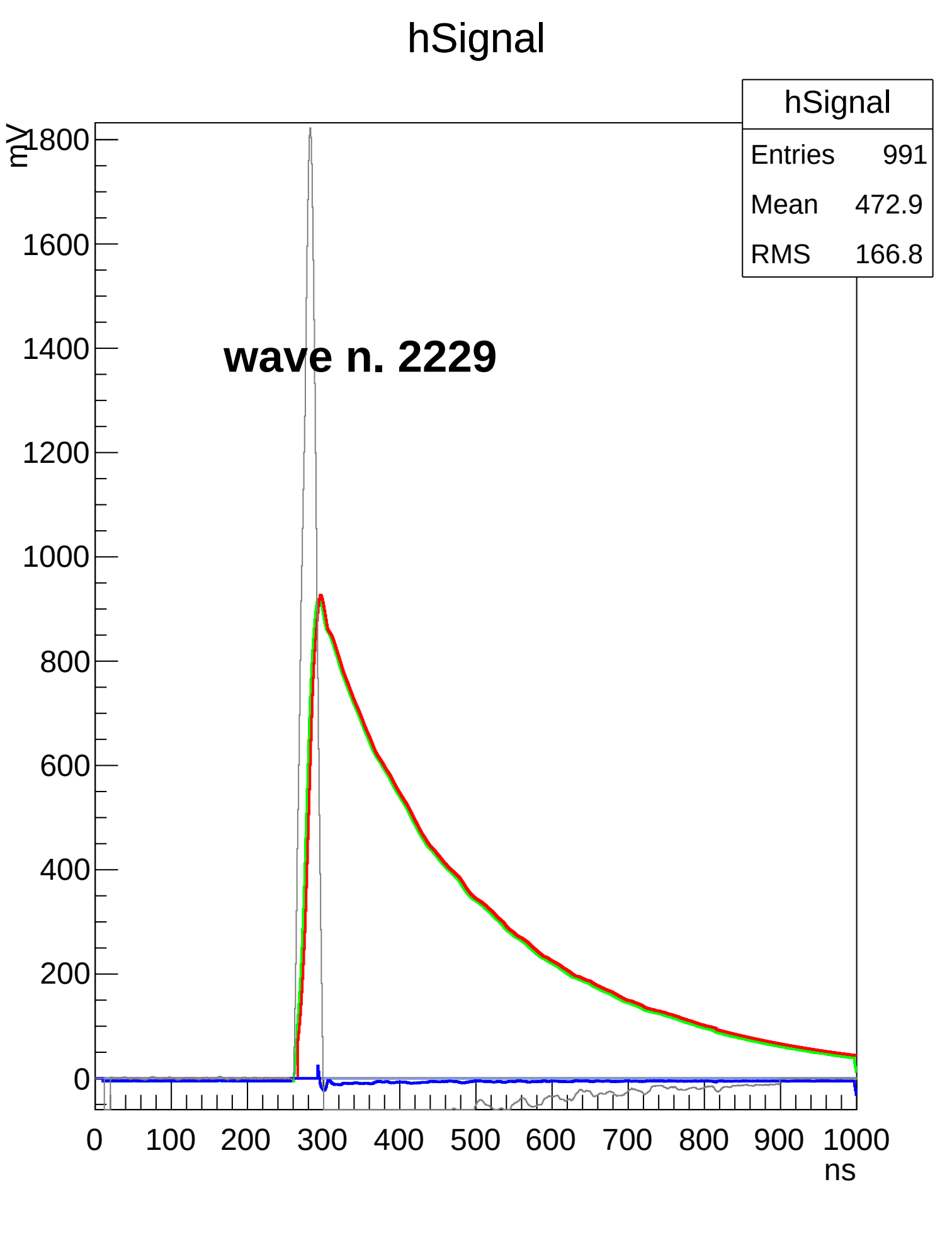
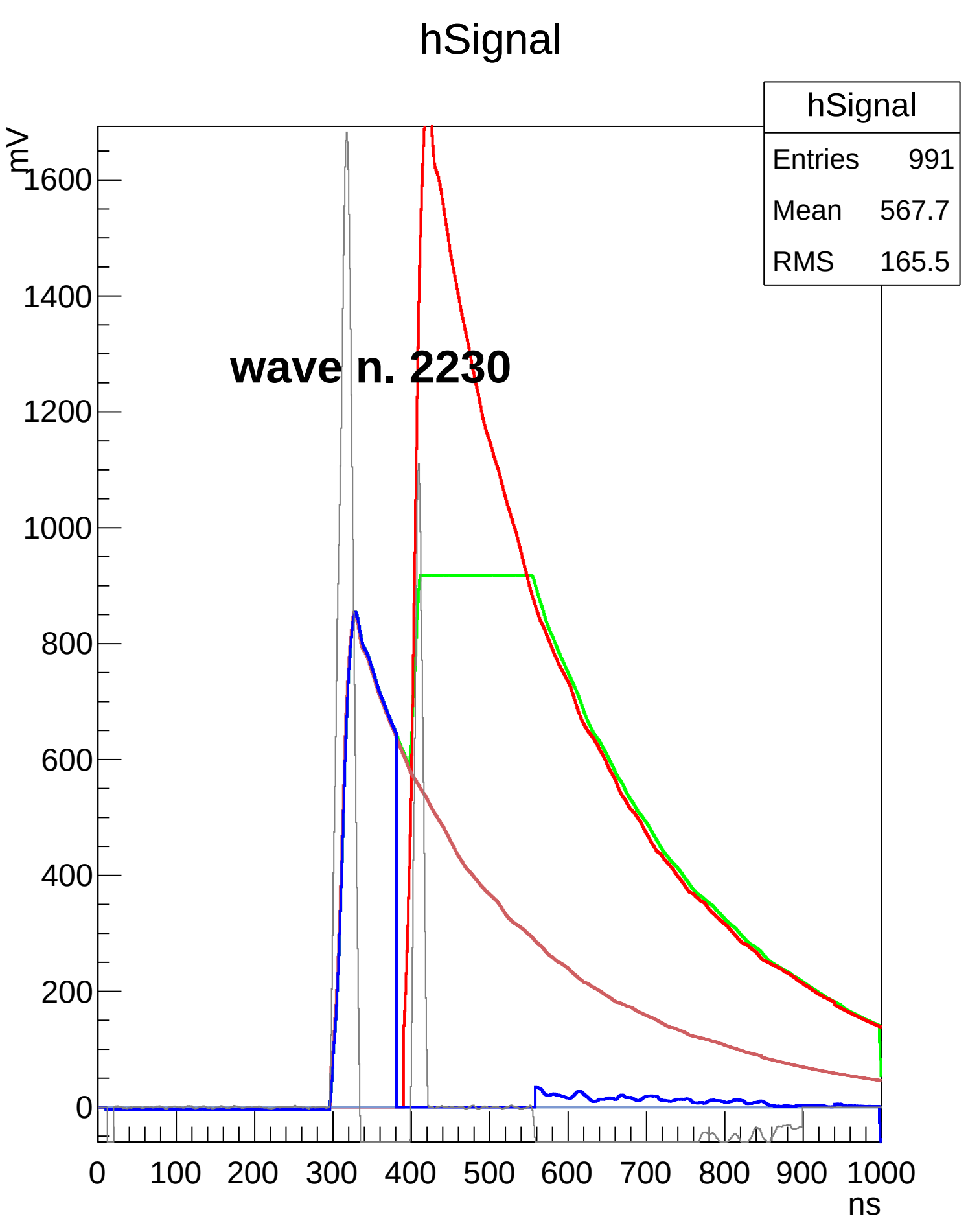
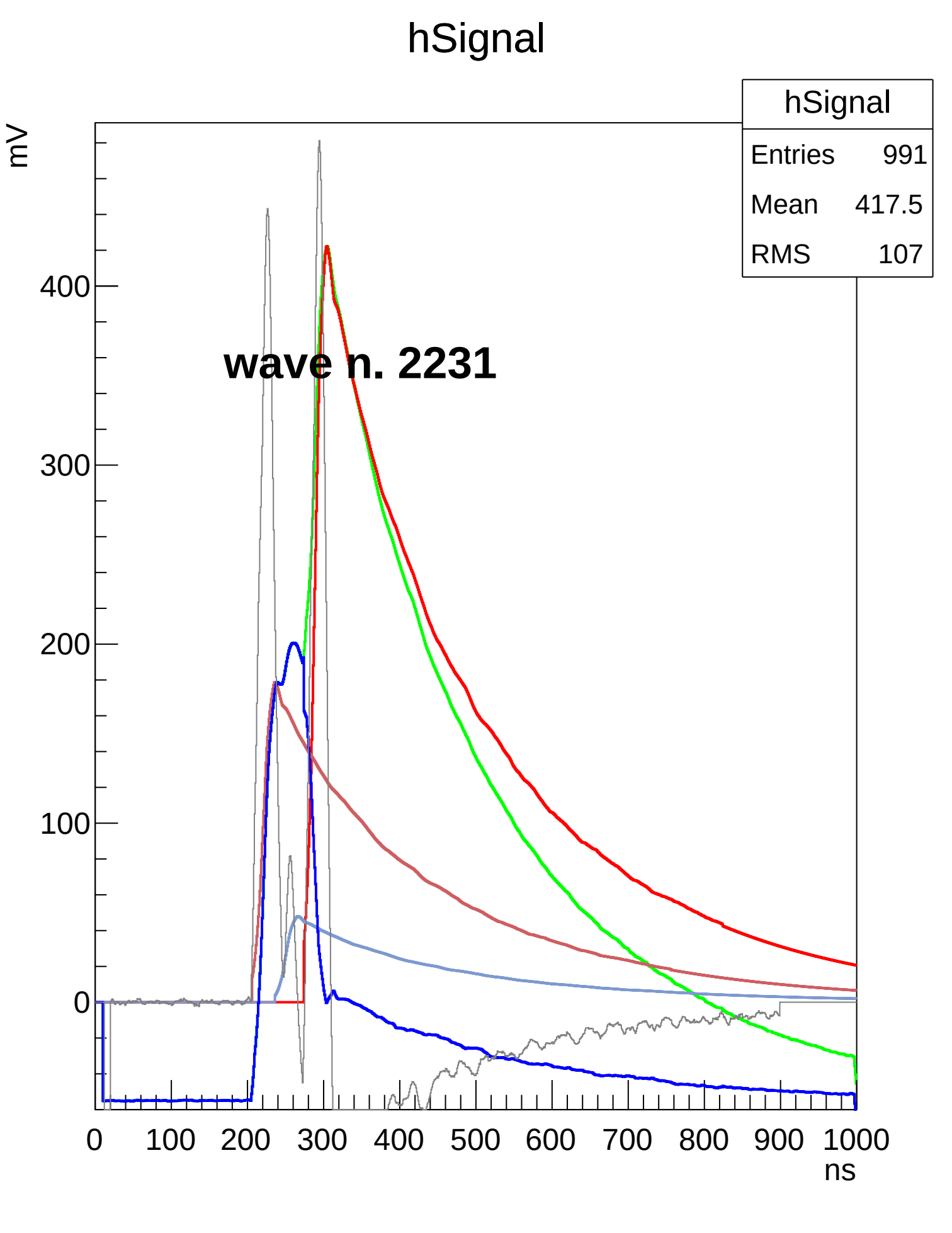
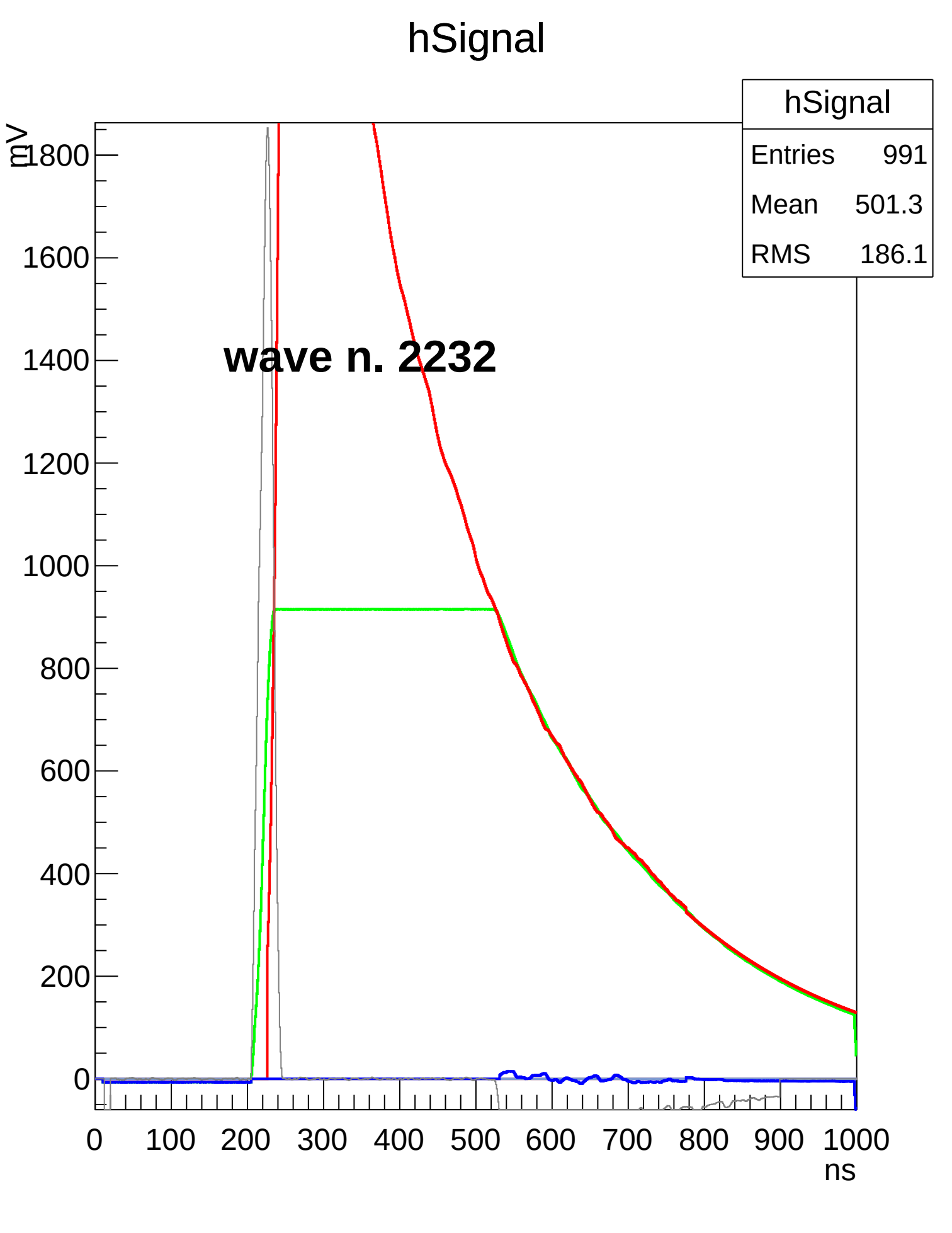
400
500
600
700
800
900
1000
ns

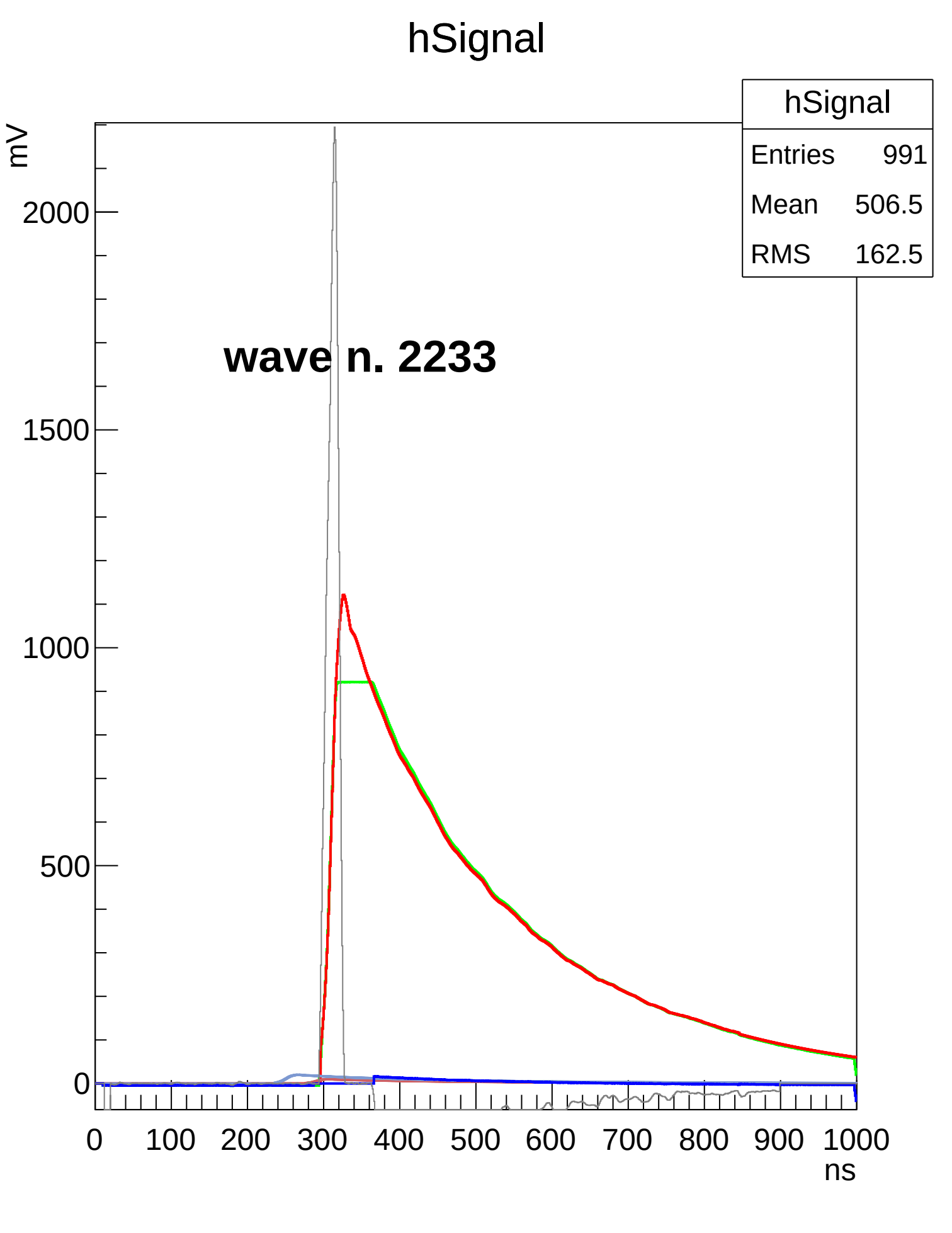

hSignal
hSignal
Entries 991
Mean 550.2
RMS 175.5
wave n. 2228
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 472.9
RMS 166.8
wave n. 2229
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 567.7
RMS 165.5
wave n. 2230
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 417.5
RMS 107
wave n. 2231
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 501.3
RMS 186.1
wave n. 2232
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506.5
RMS 162.5
wave n. 2233
mV
2000
1500
1000
500
0
0
100
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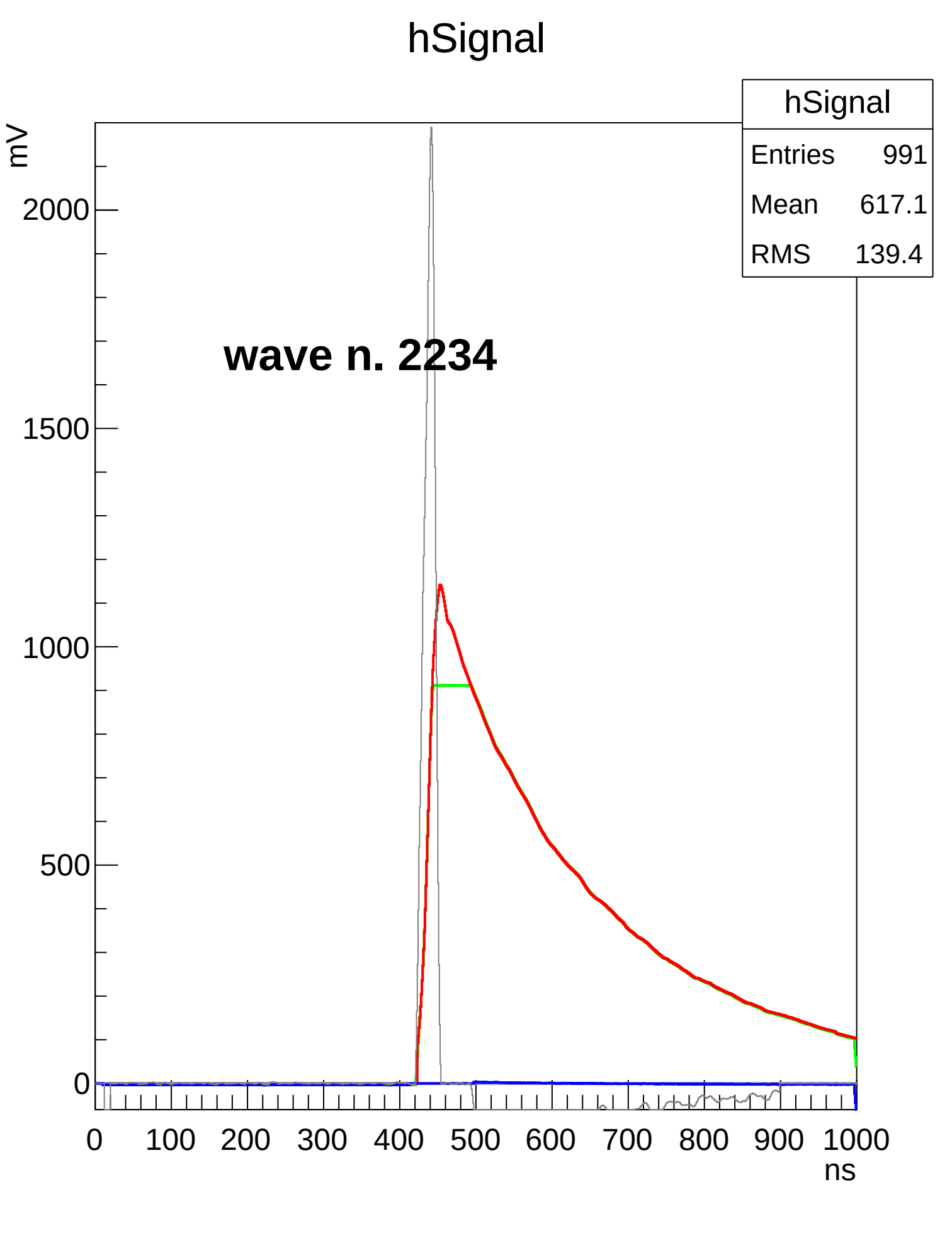
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 617.1
RMS 139.4
wave n. 2234
mV
2000
1500
1000
500
0
0
100
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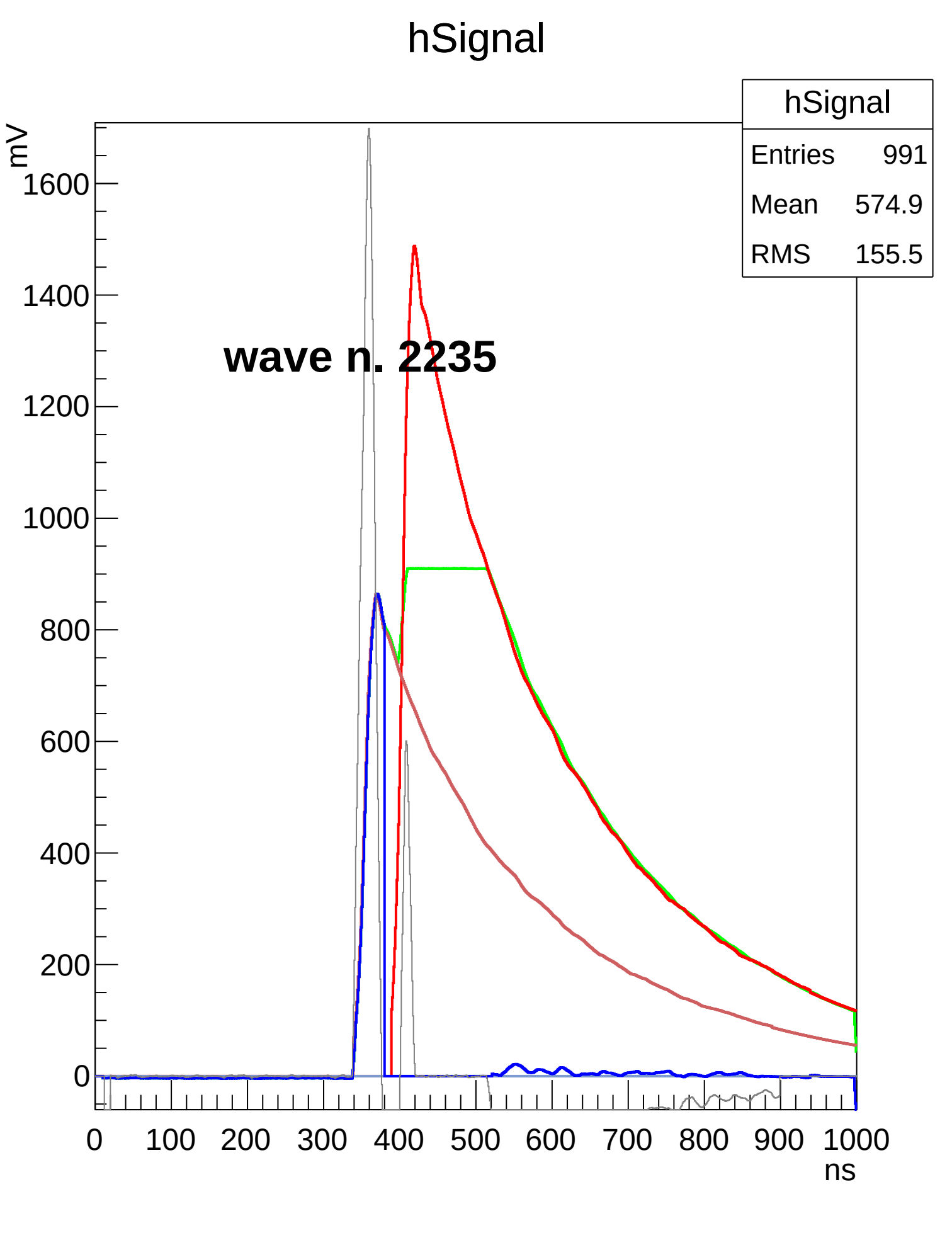
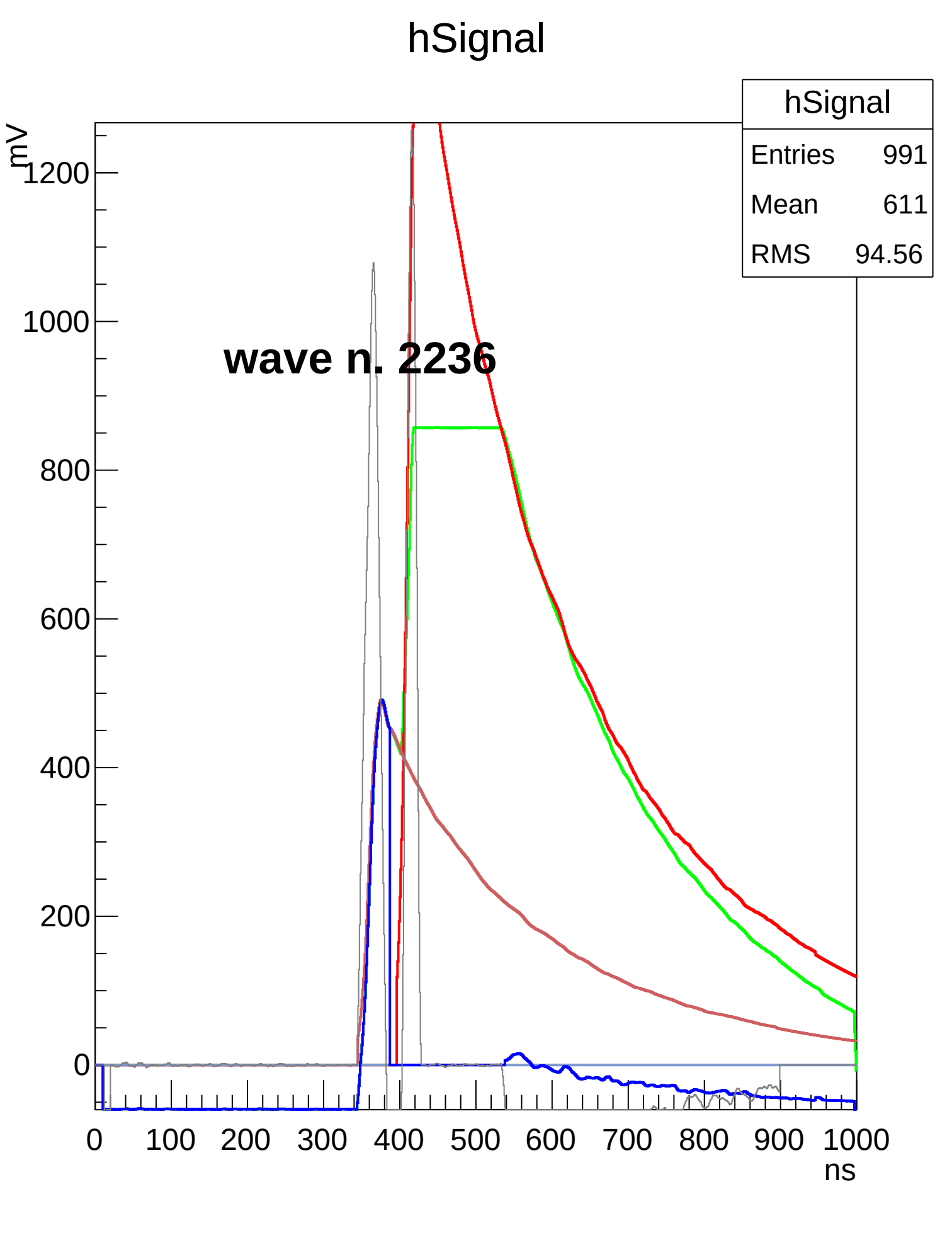
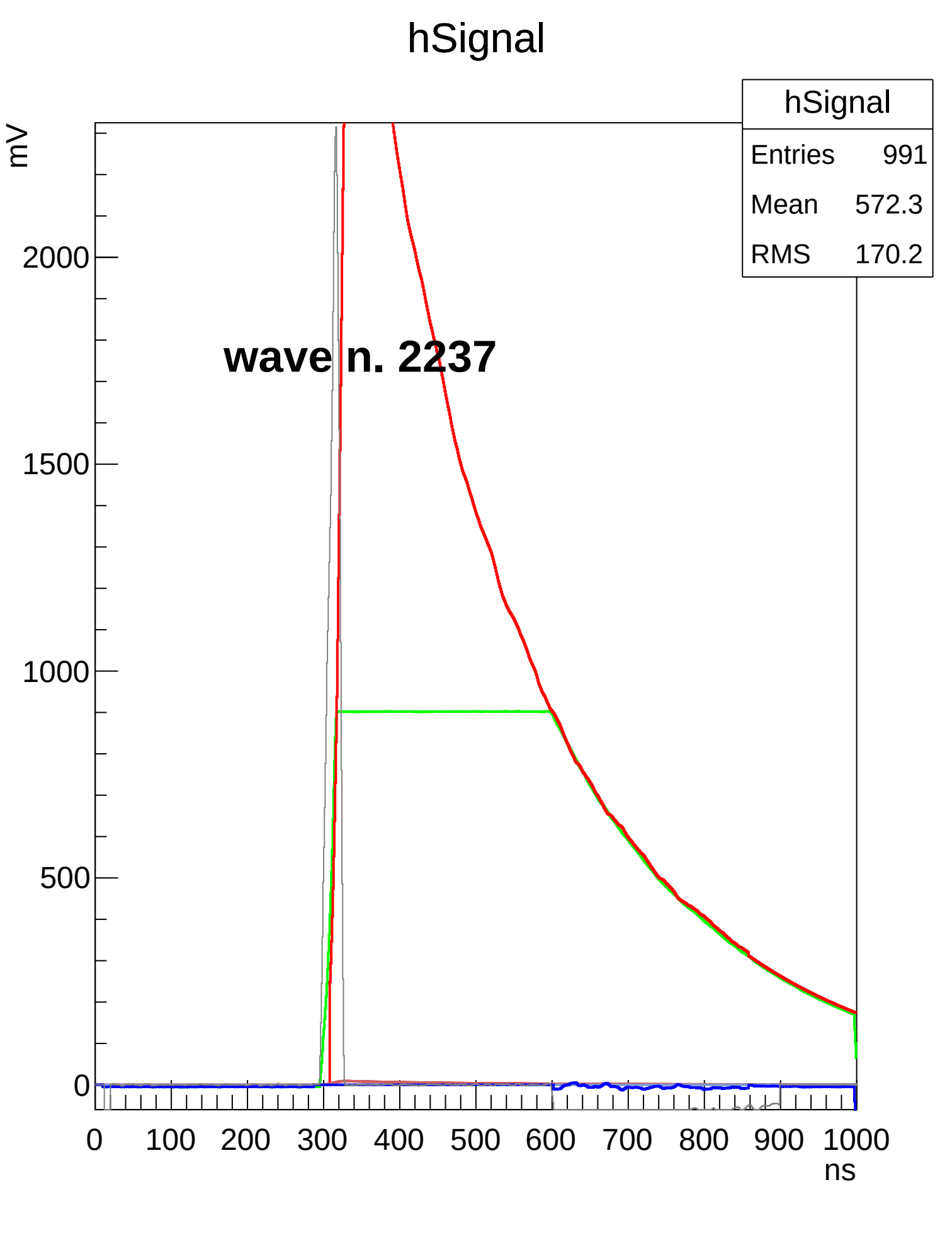
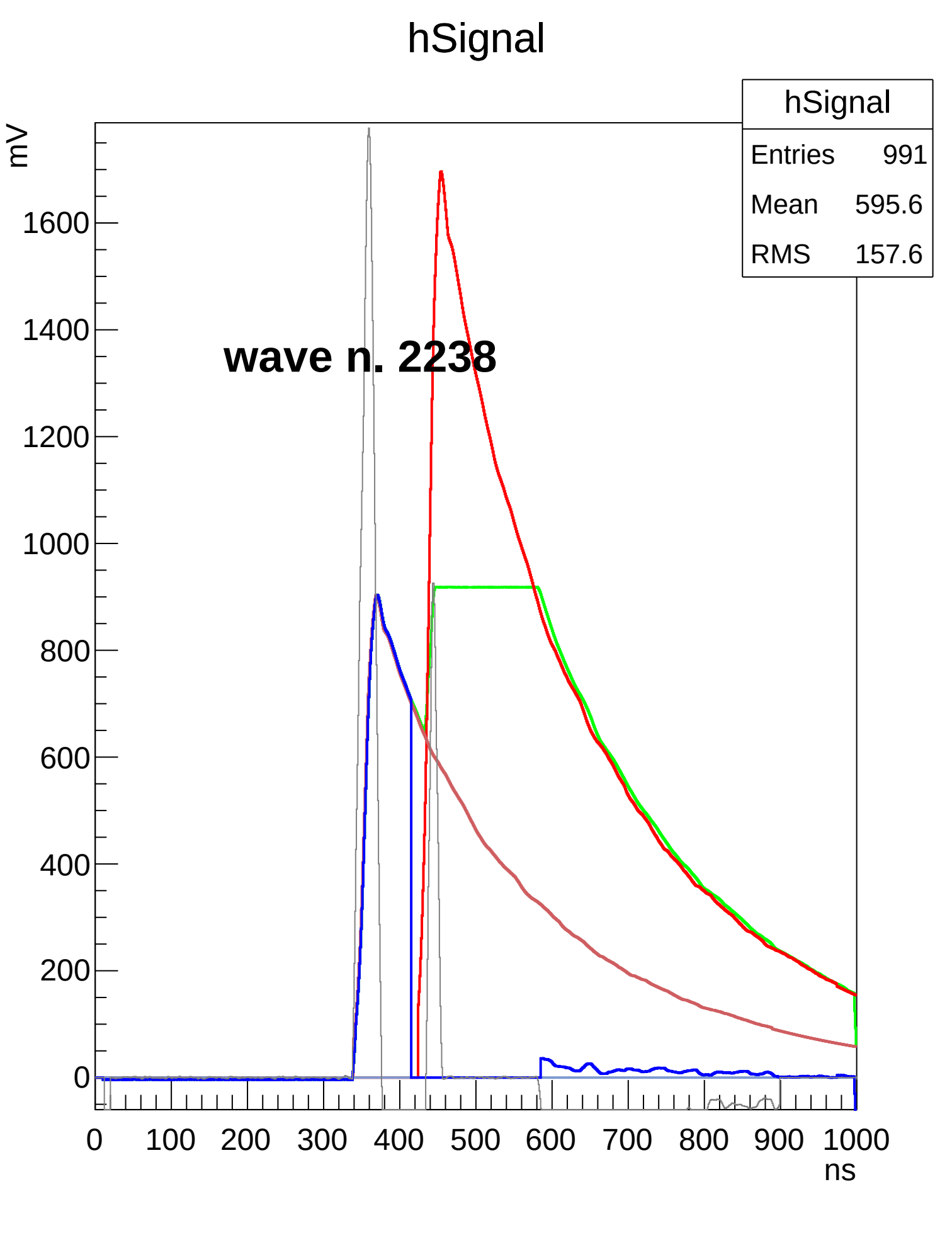
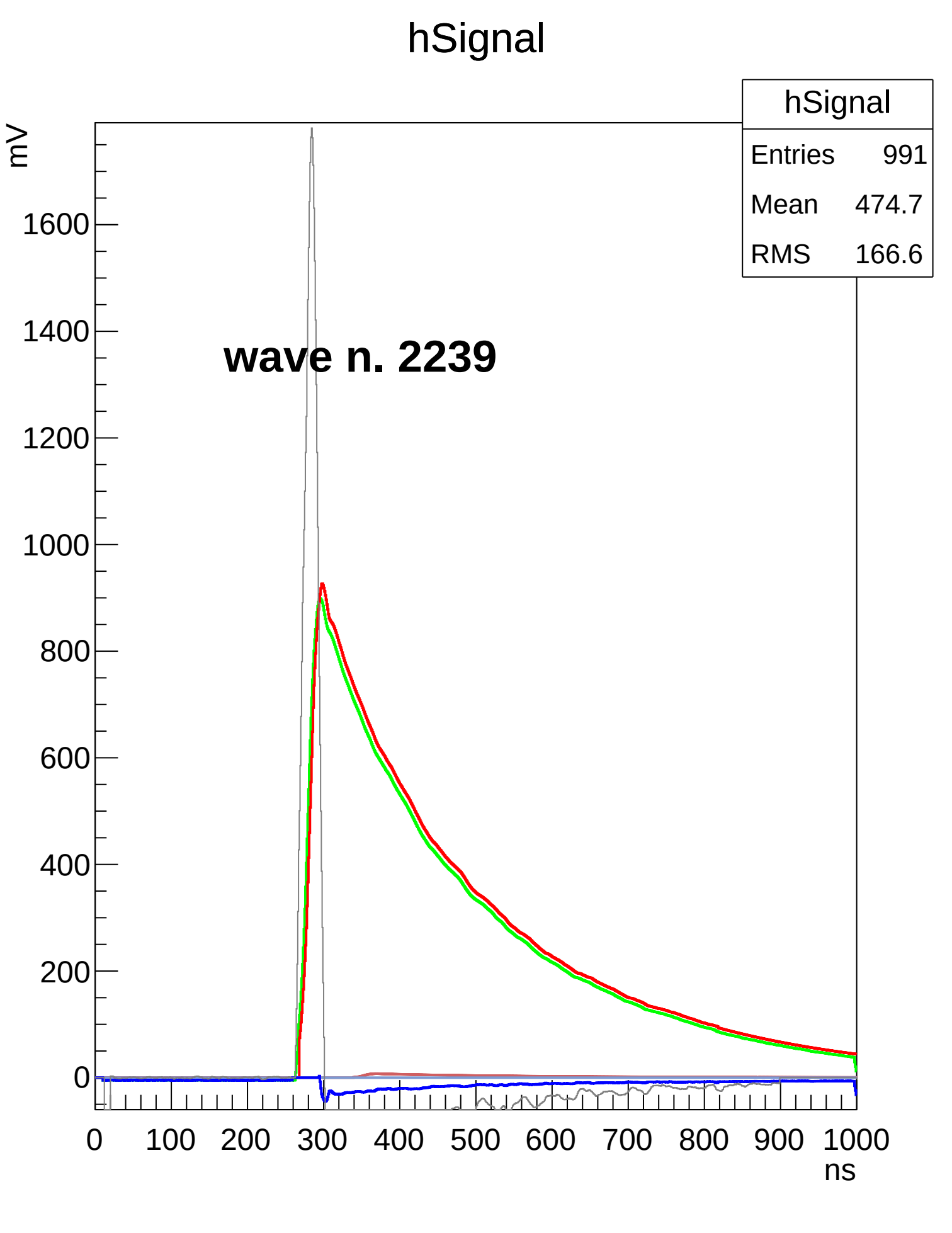
800
900
1000
ns

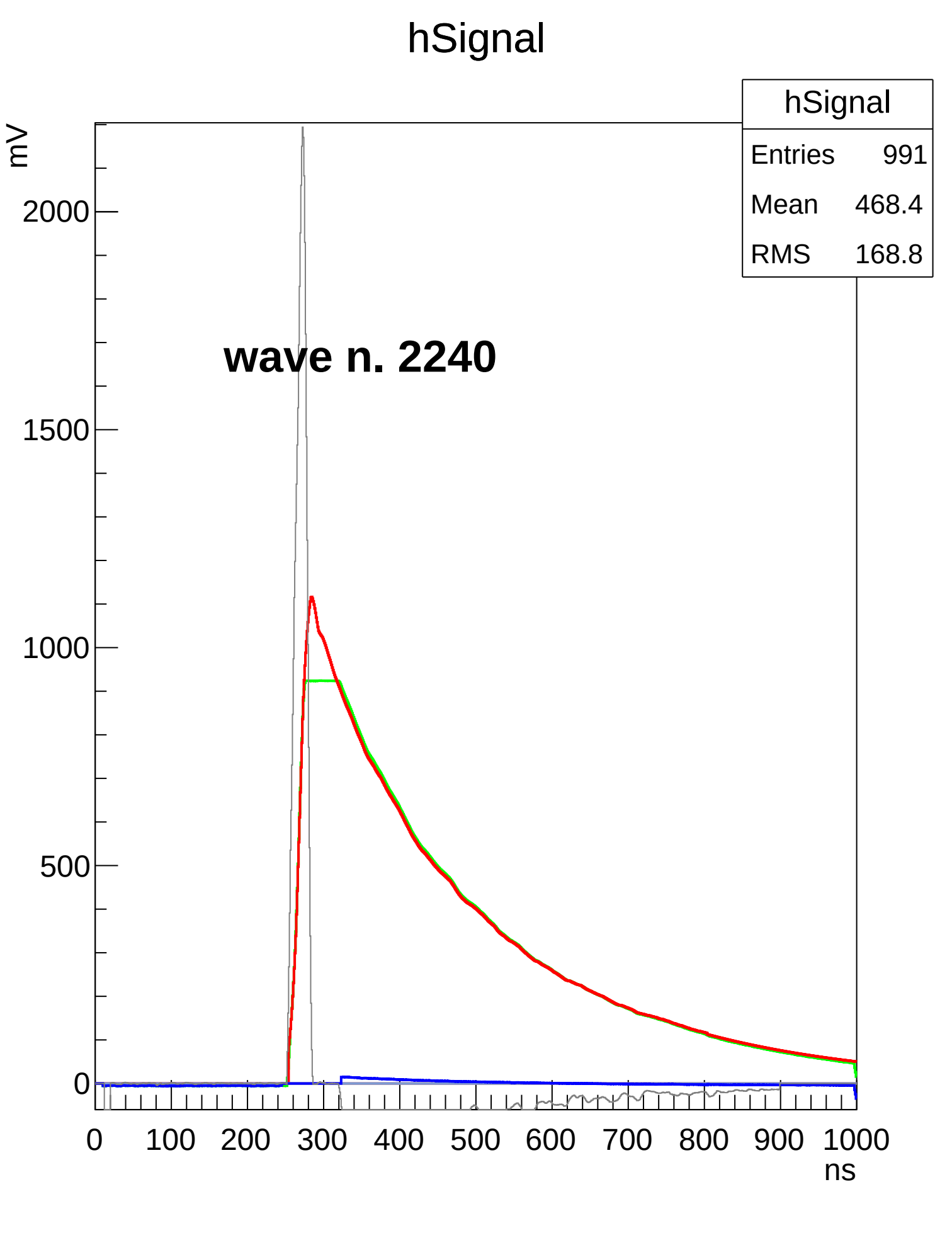

hSignal
hSignal
Entries 991
Mean 574.9
RMS 155.5
wave n. 2235
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

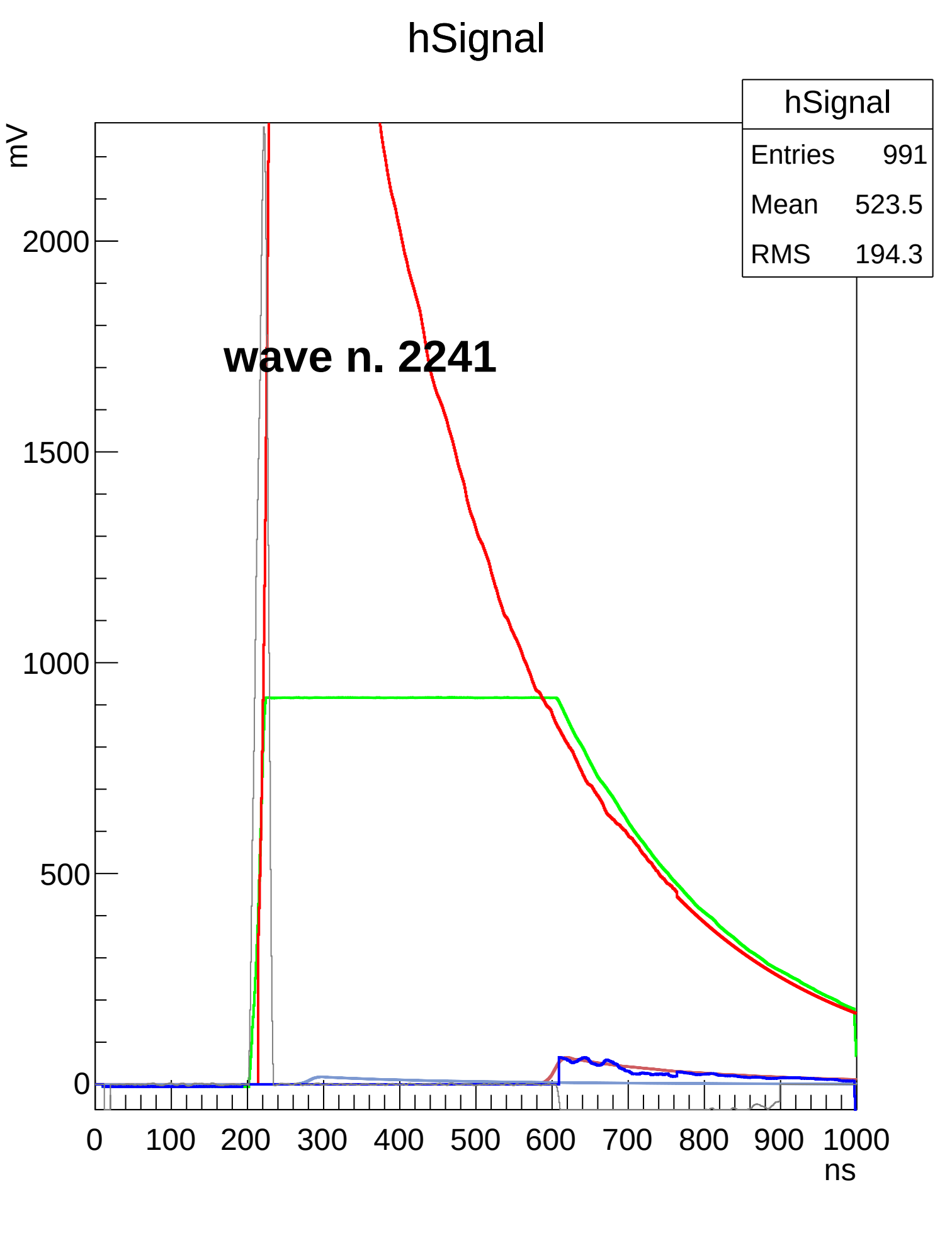

hSignal
hSignal
Entries 991
Mean 611
RMS 94.56
wave n. 2236
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 572.3
RMS 170.2
wave n. 2237
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 595.6
RMS 157.6
wave n. 2238
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 474.7
RMS 166.6
wave n. 2239
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 468.4
RMS 168.8
wave n. 2240
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 523.5
RMS 194.3
wave n. 2241
mV
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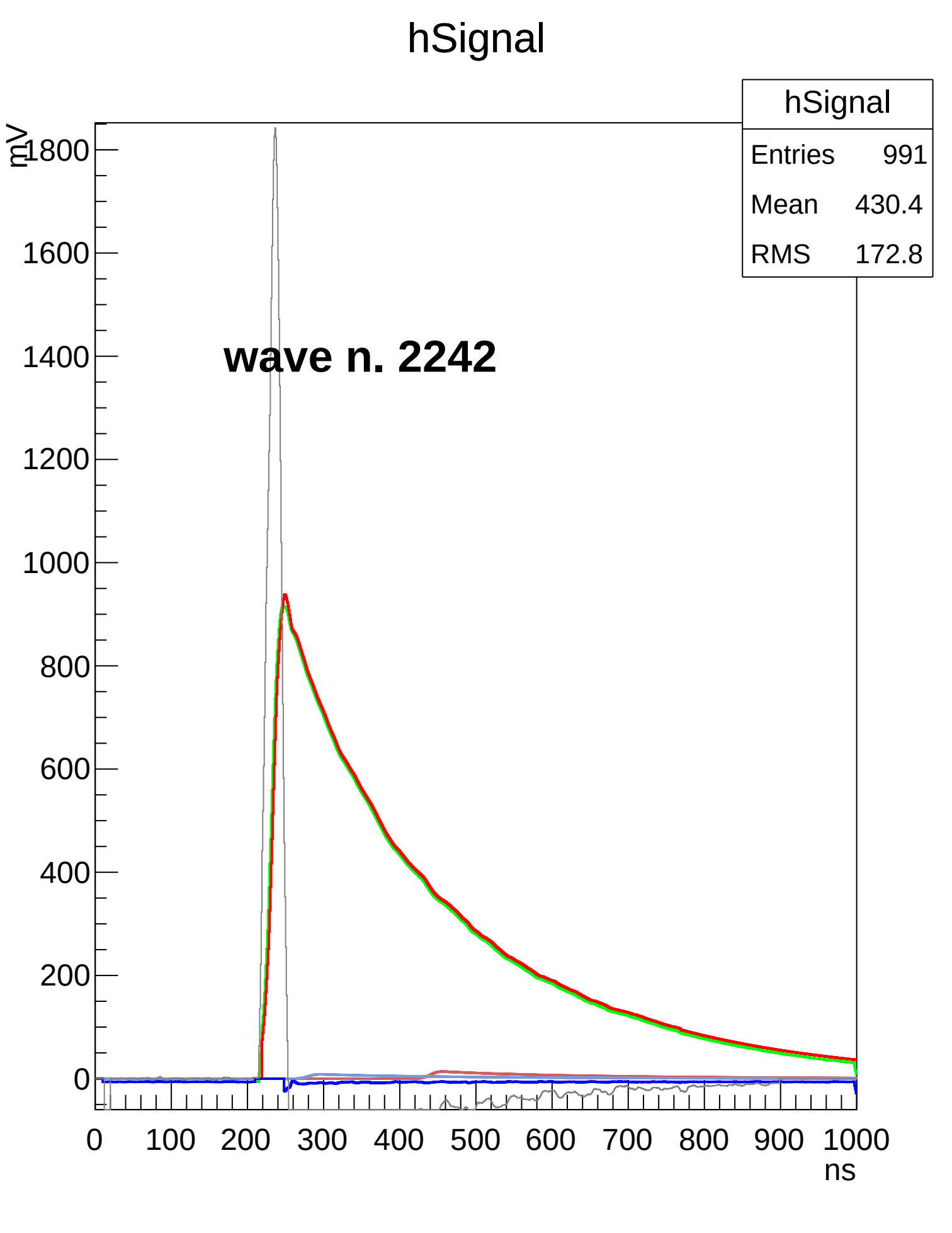
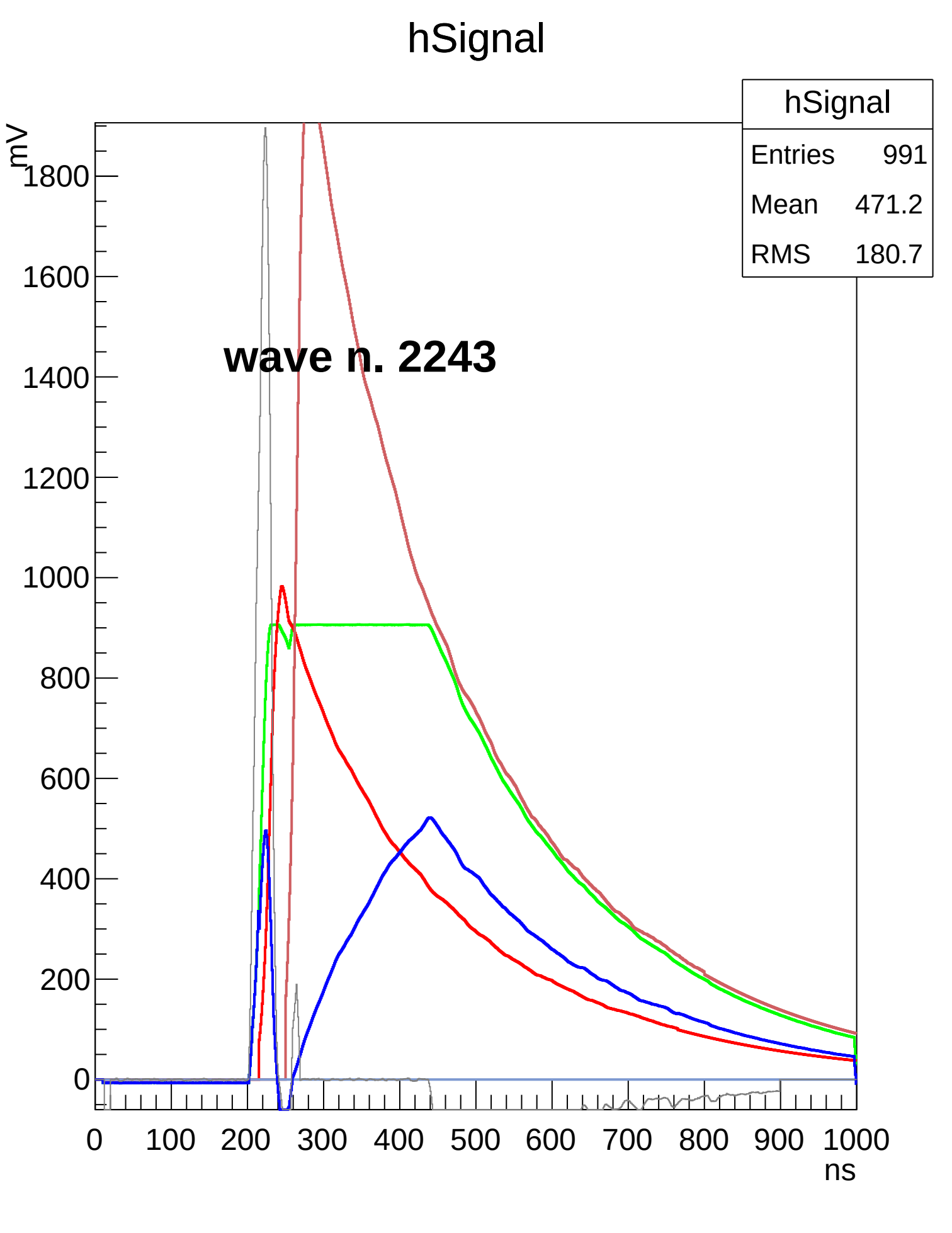
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 430.4
RMS 172.8
wave n. 2242
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 471.2
RMS 180.7
wave n. 2243
mV
1800
1600
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600
400
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100
200
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400
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1000
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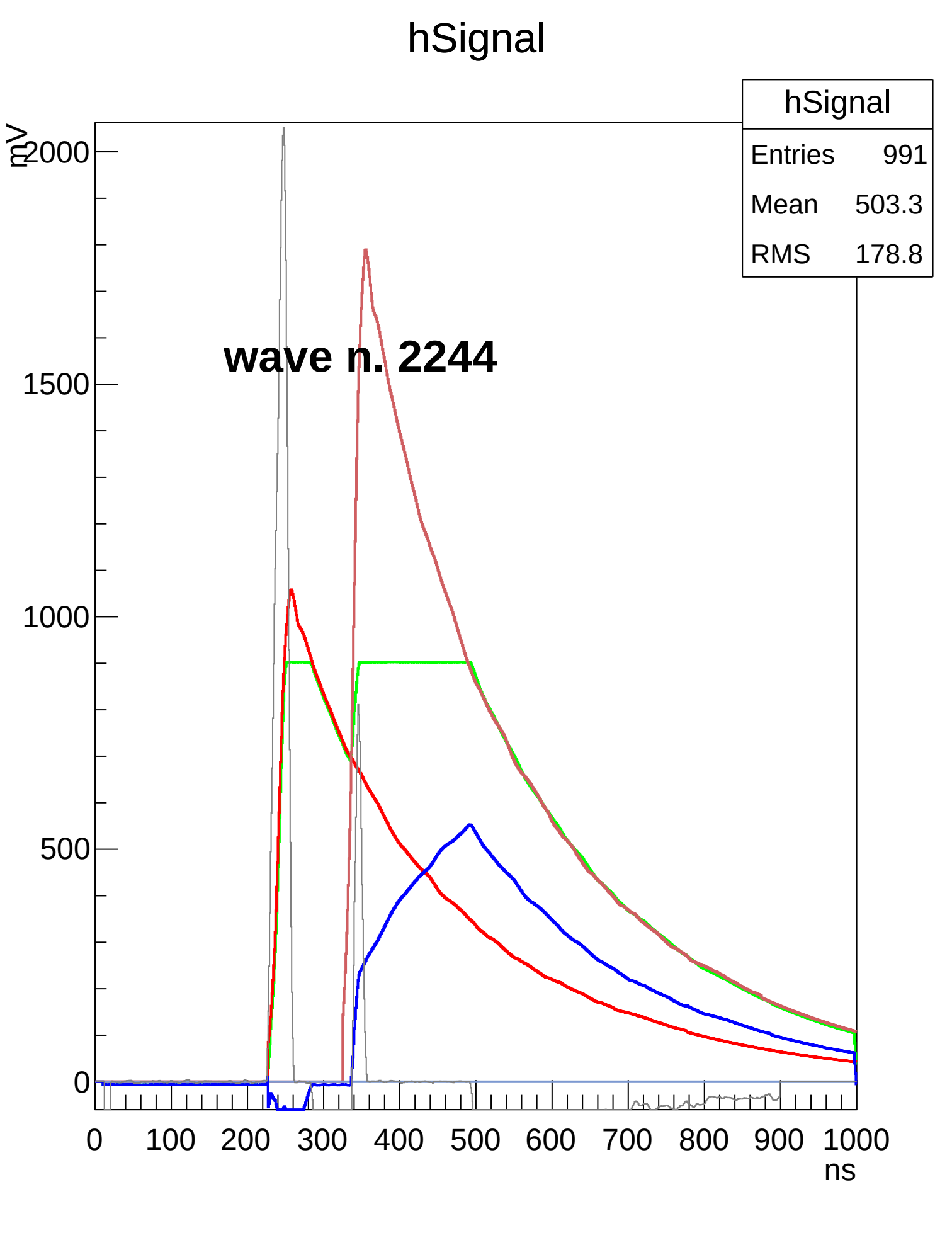
hSignal
hSignal
Entries 991
Mean 503.3
RMS 178.8
wave n. 2244
mV
2000
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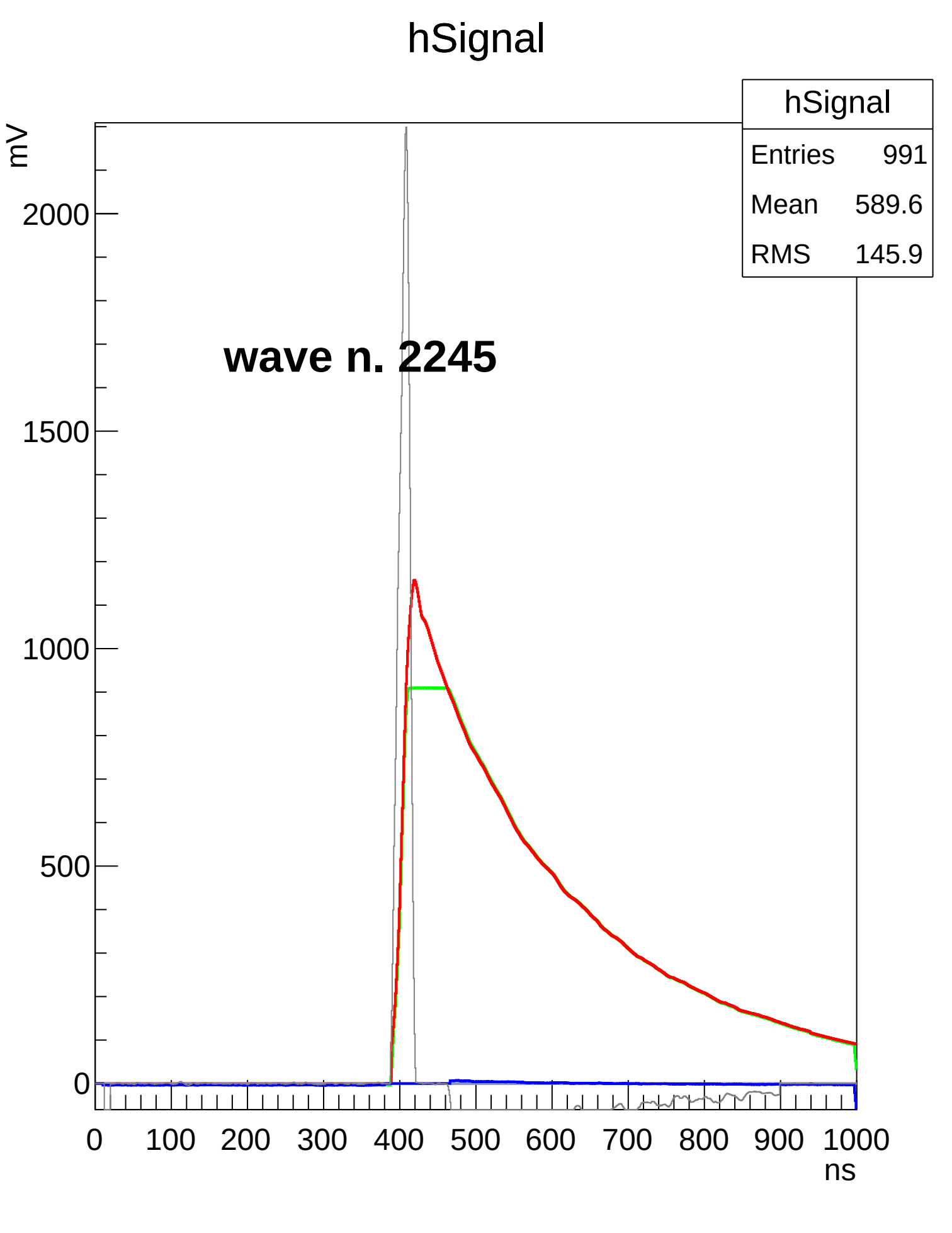
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 589.6
RMS 145.9
wave n. 2245
mV
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1000
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0
100
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400
500
600
700
800
900
1000
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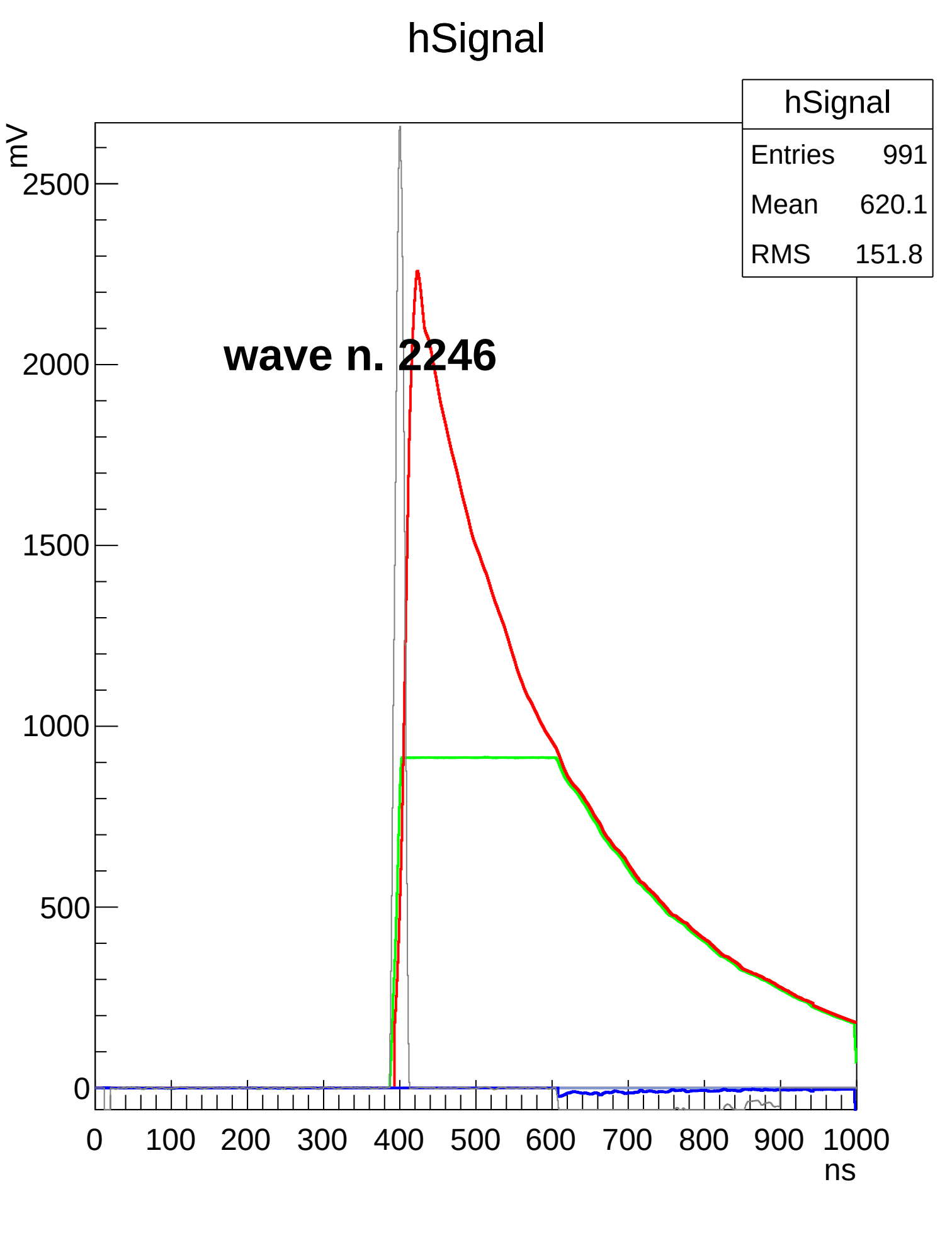
hSignal
hSignal
Entries 991
Mean 620.1
RMS 151.8
wave n. 2246
mV
2500
2000
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1000
500
0
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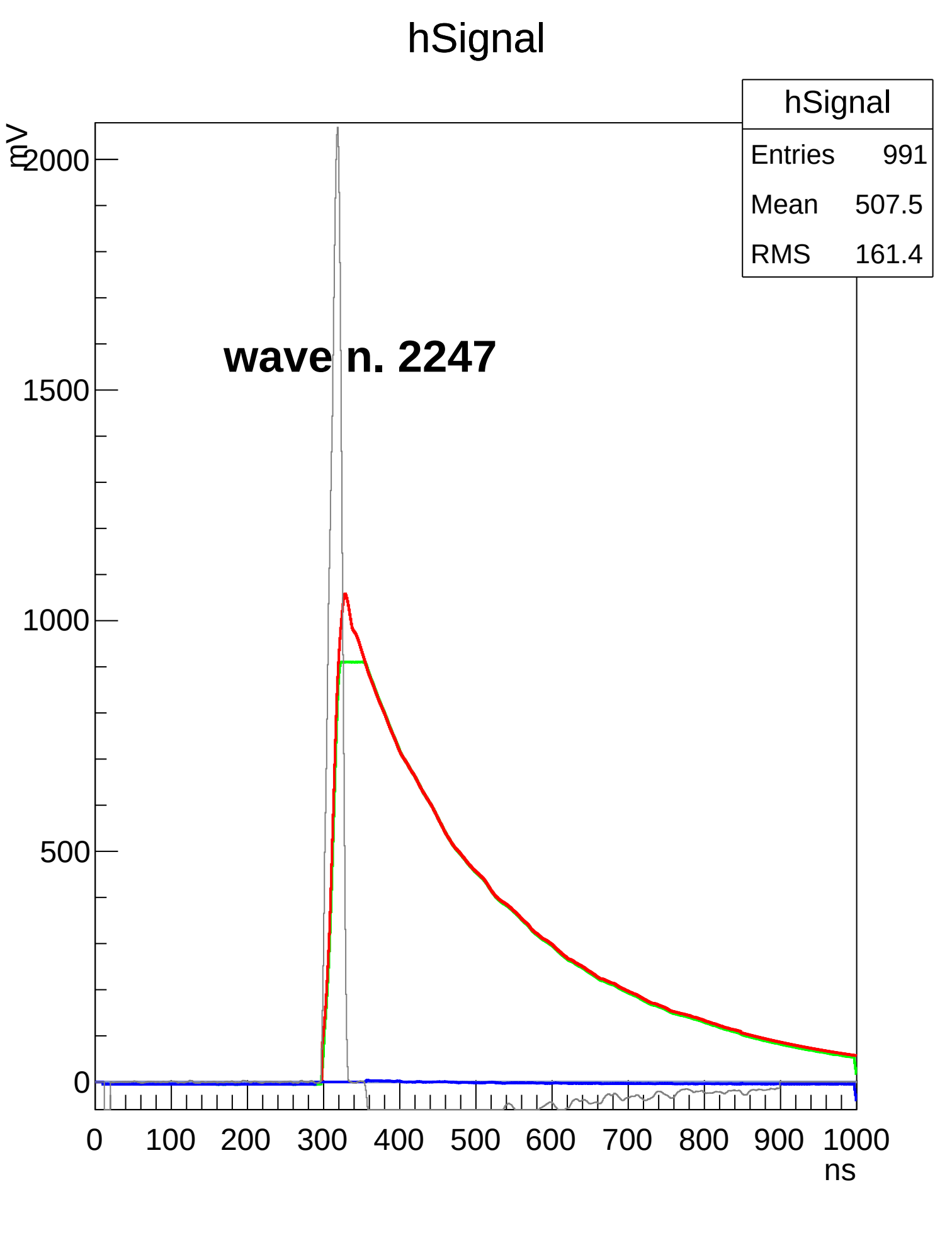
ns


hSignal
hSignal
Entries 991
Mean 507.5
RMS 161.4
wave n. 2247
mV
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1000
500
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0
100
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400
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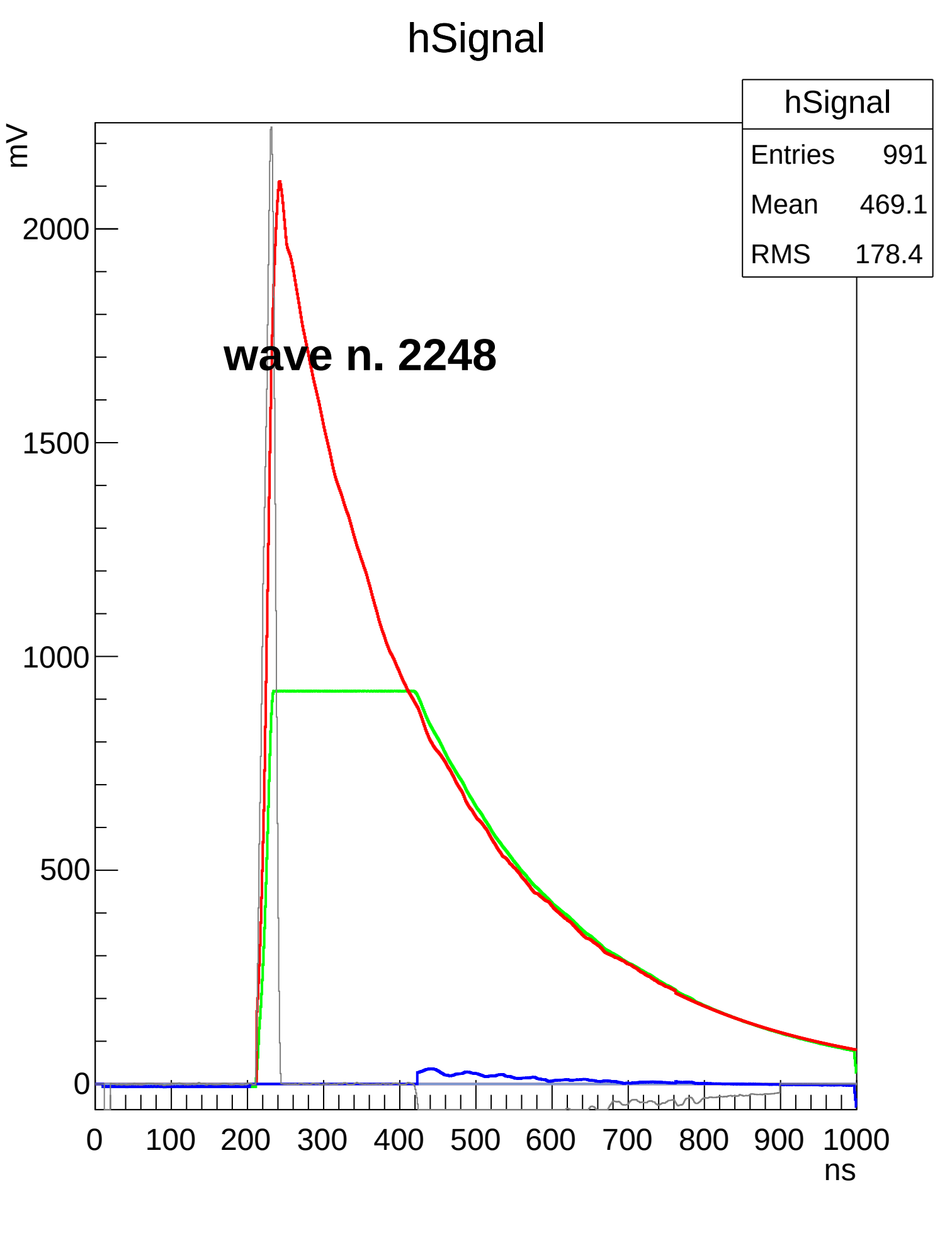
800
900
1000
ns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hSignal
Entries 991
Mean 469.1
RMS 178.4
wave n. 2248
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0
100
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400
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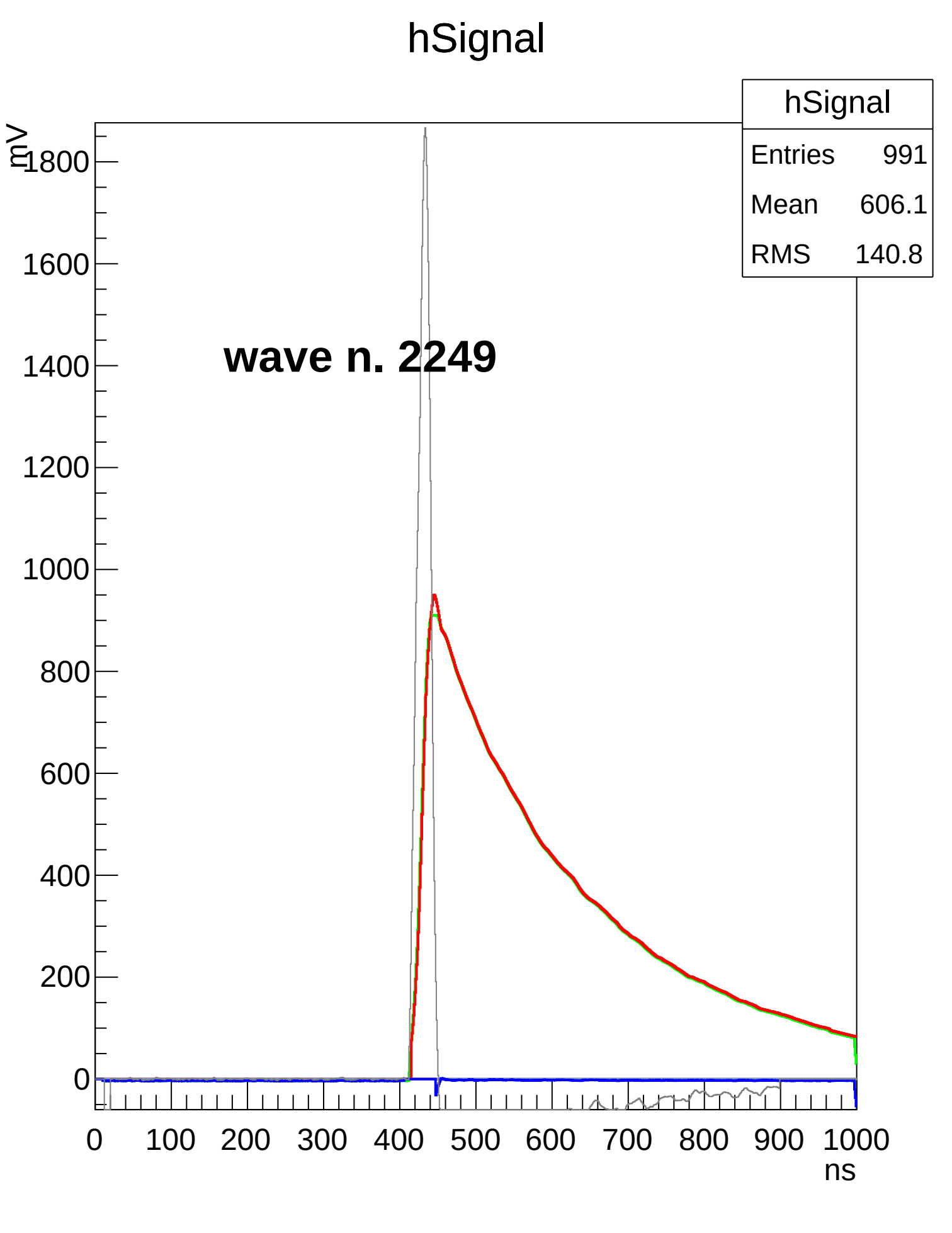
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 606.1
RMS 140.8
wave n. 2249
mV
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0
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1000
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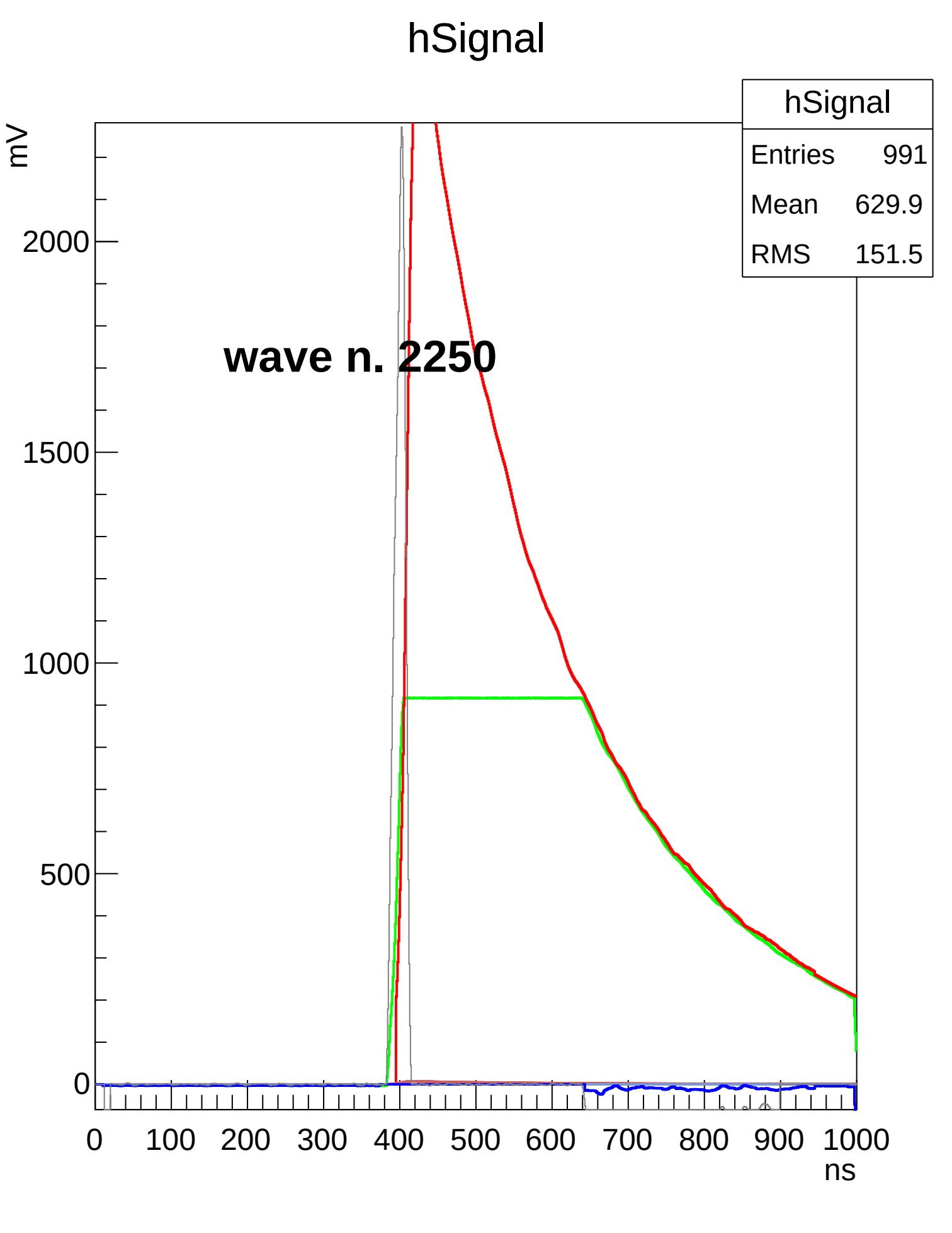
hSignal
hSignal
Entries 991
Mean 629.9
RMS 151.5
wave n. 2250
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1000
500
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800
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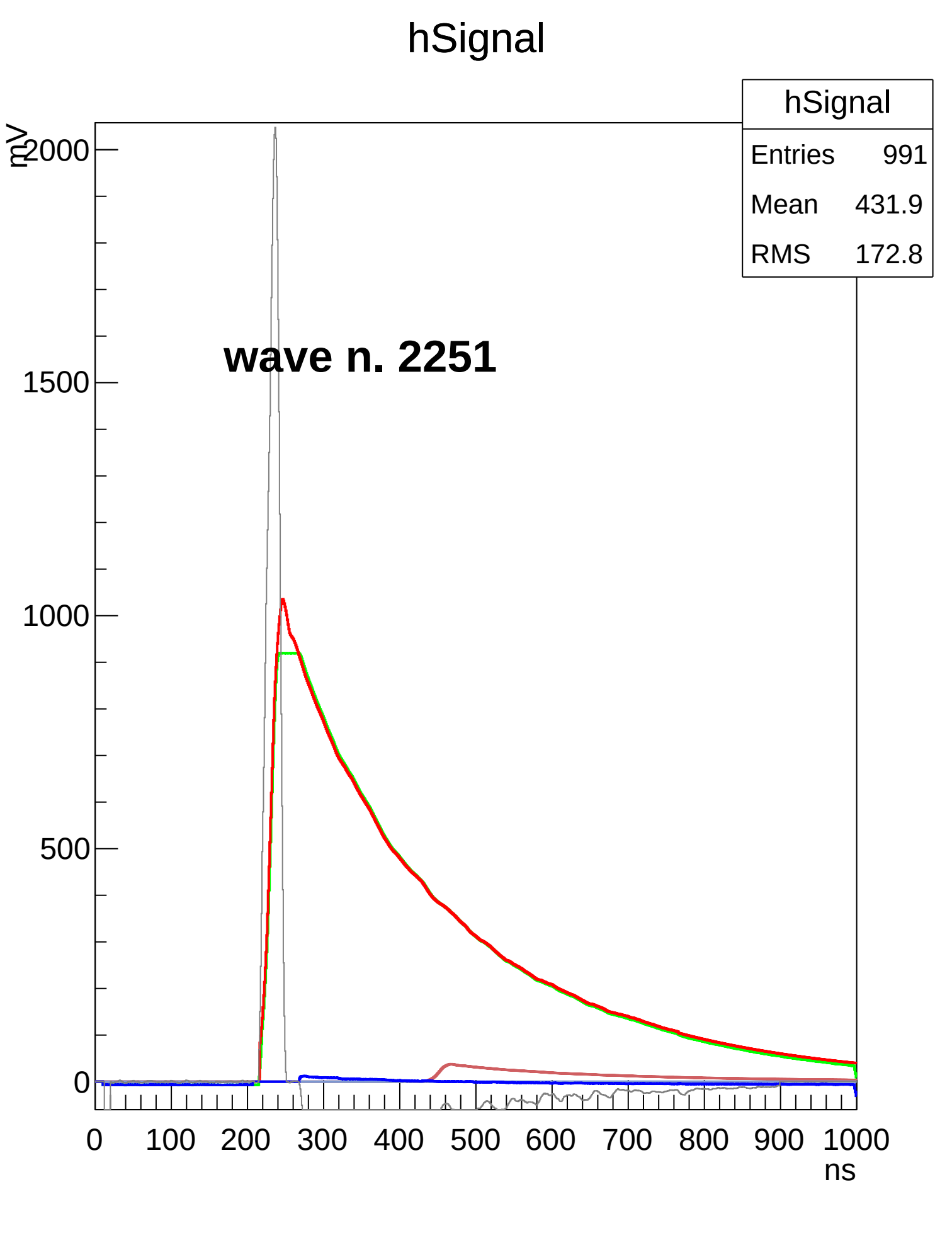
1000
ns


hSignal
hSignal
Entries 991
Mean 431.9
RMS 172.8
wave n. 2251
mV
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1500
1000
500
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0
100
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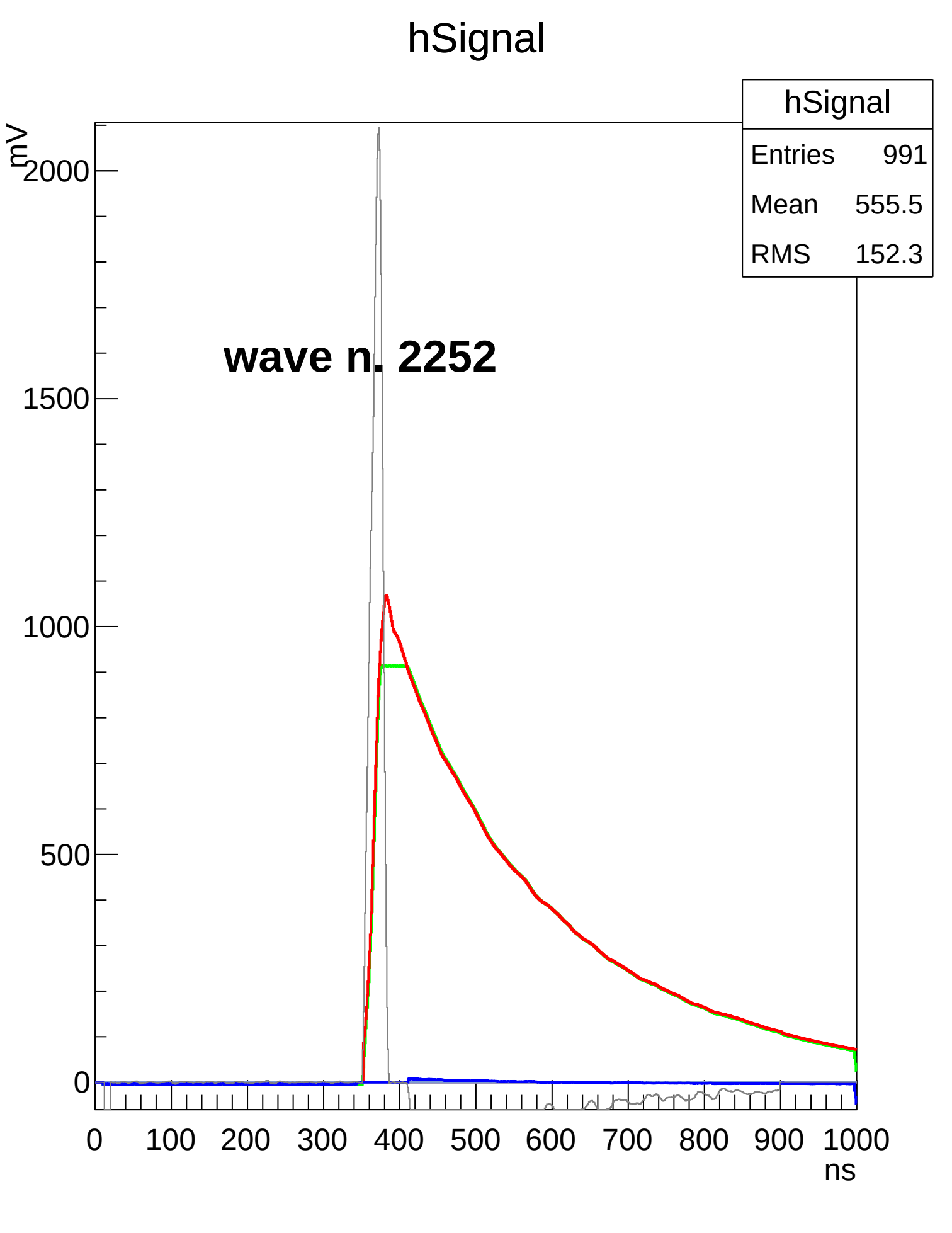
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 555.5
RMS 152.3
wave n. 2252
mV
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1000
500
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0
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400
500
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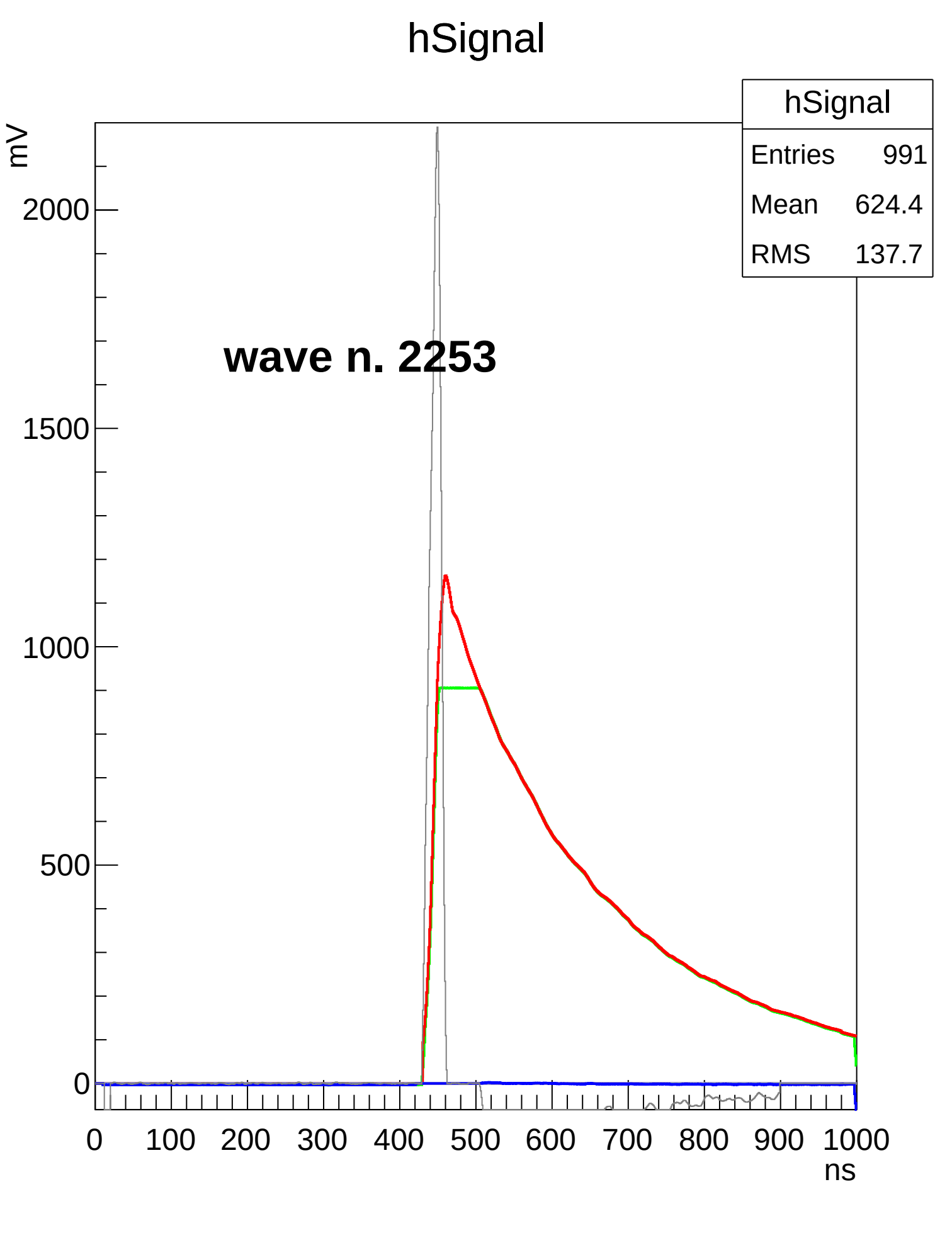
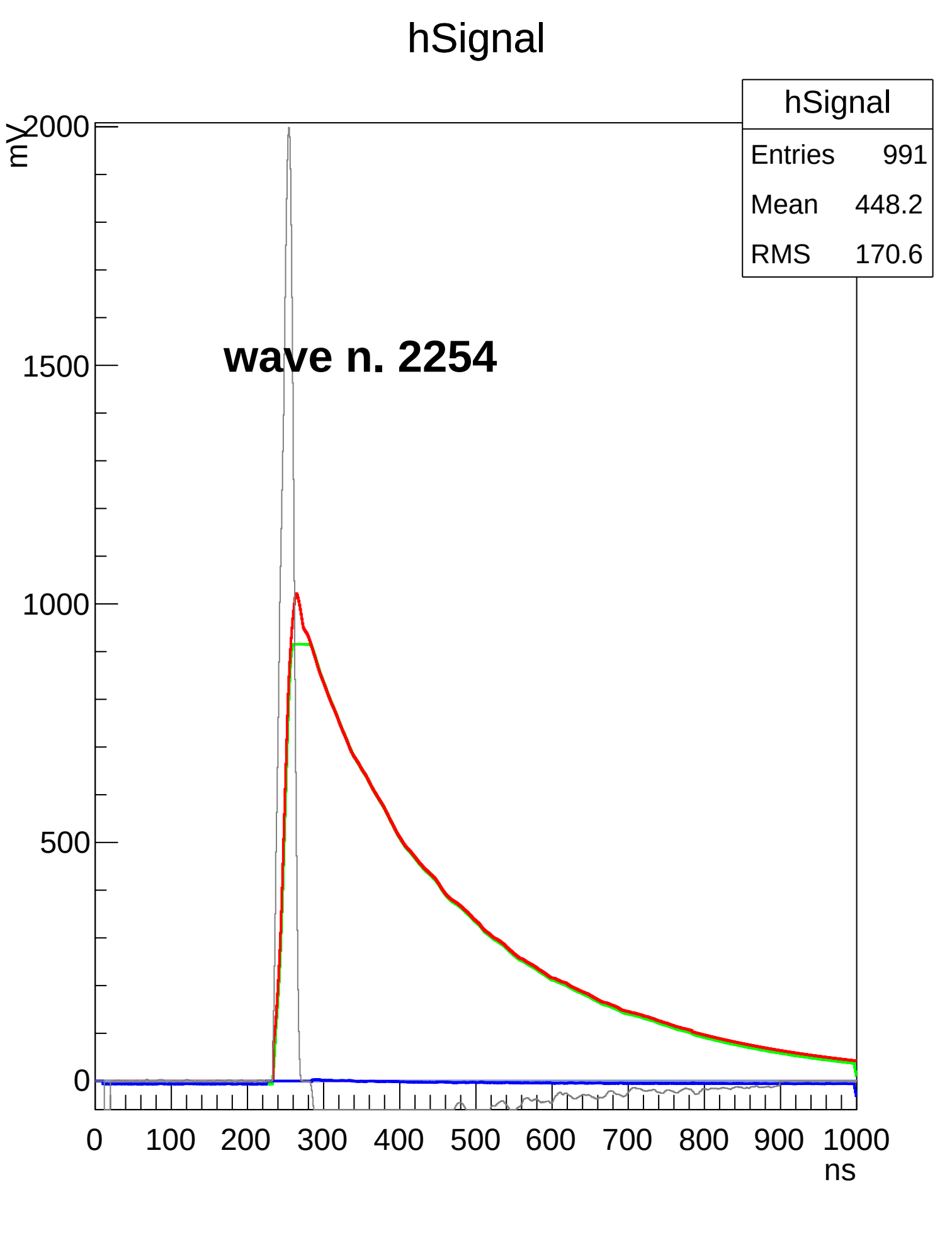
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 624.4
RMS 137.7
wave n. 2253
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 448.2
RMS 170.6
wave n. 2254
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400
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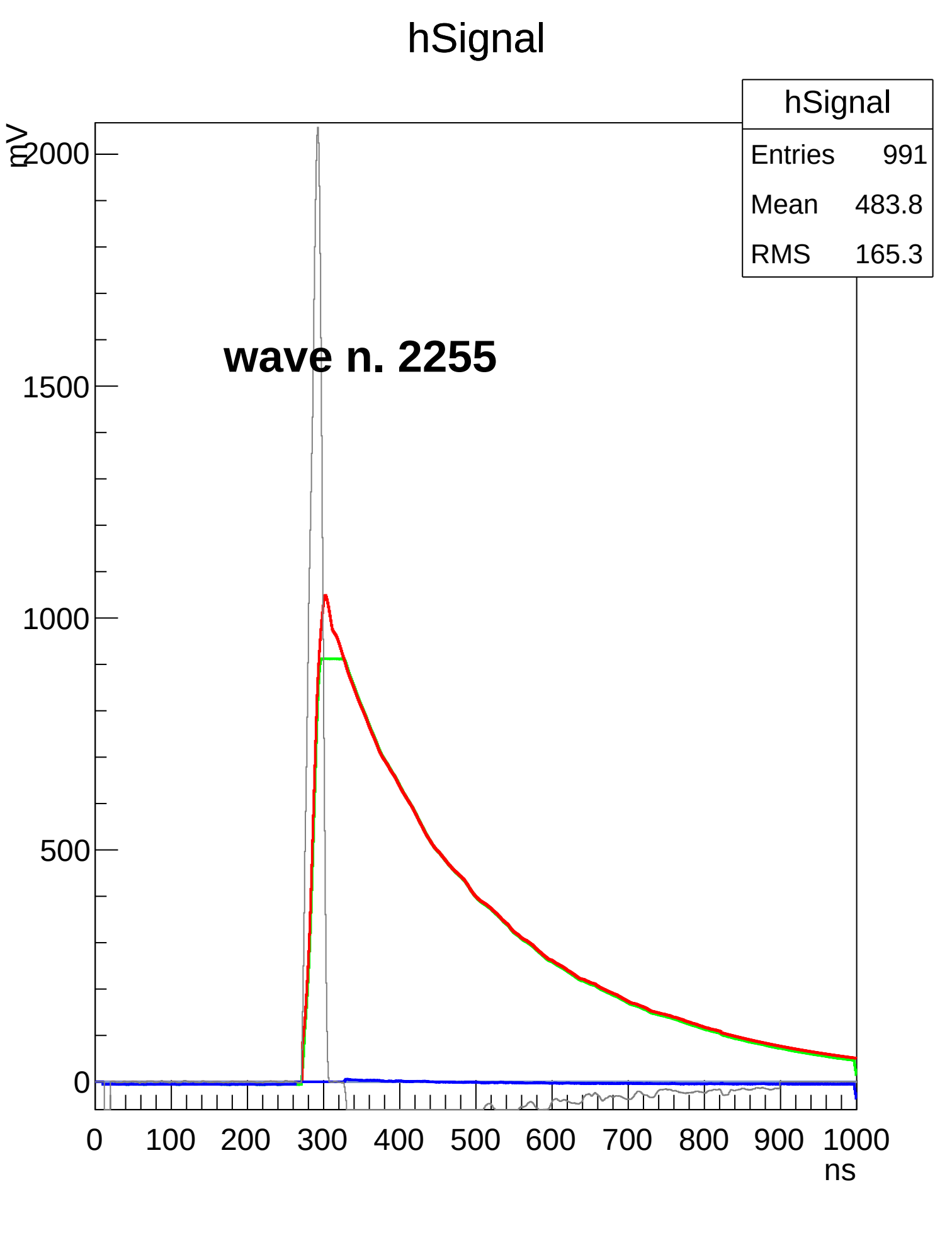
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 483.8
RMS 165.3
wave n. 2255
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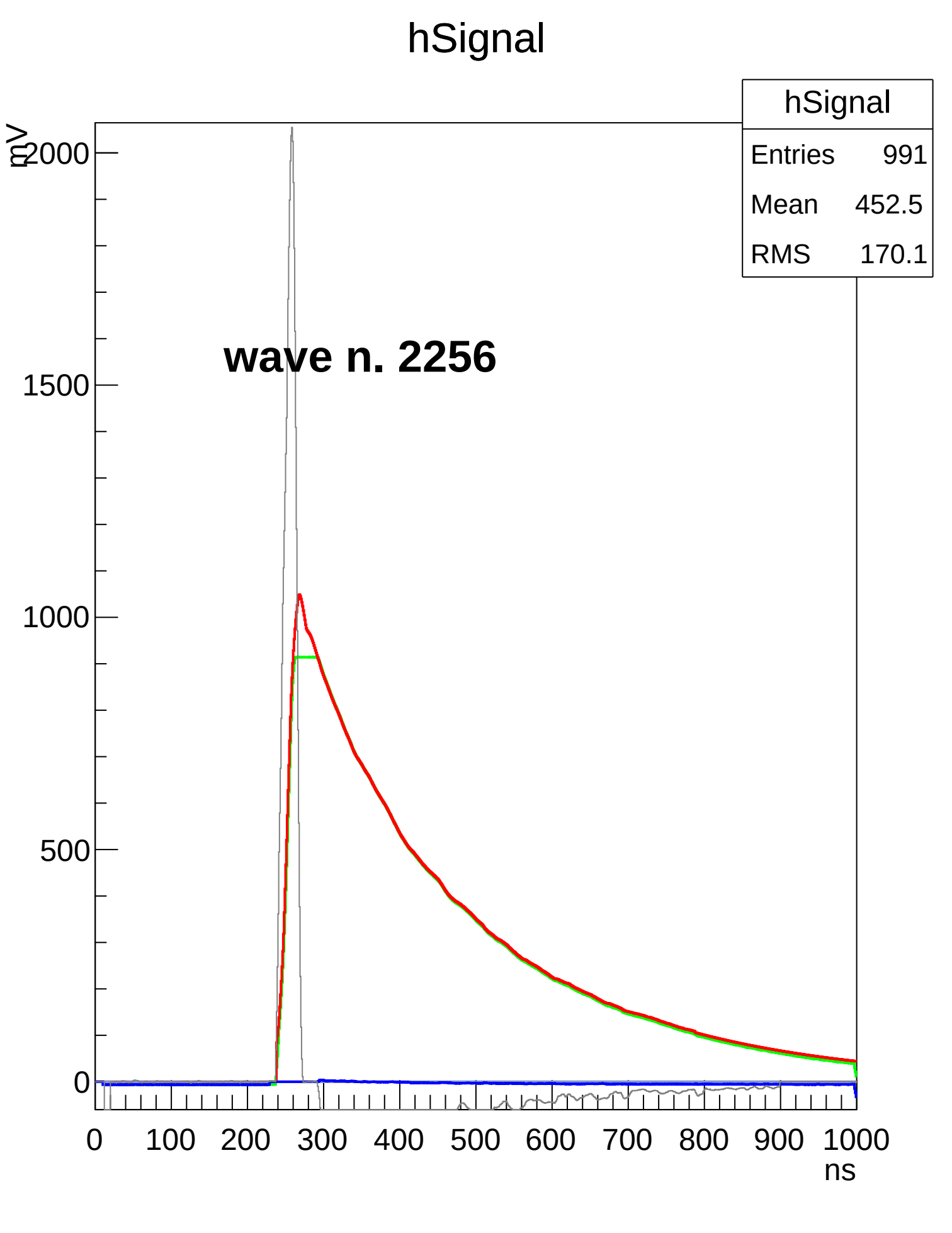
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 452.5
RMS 170.1
wave n. 2256
mV
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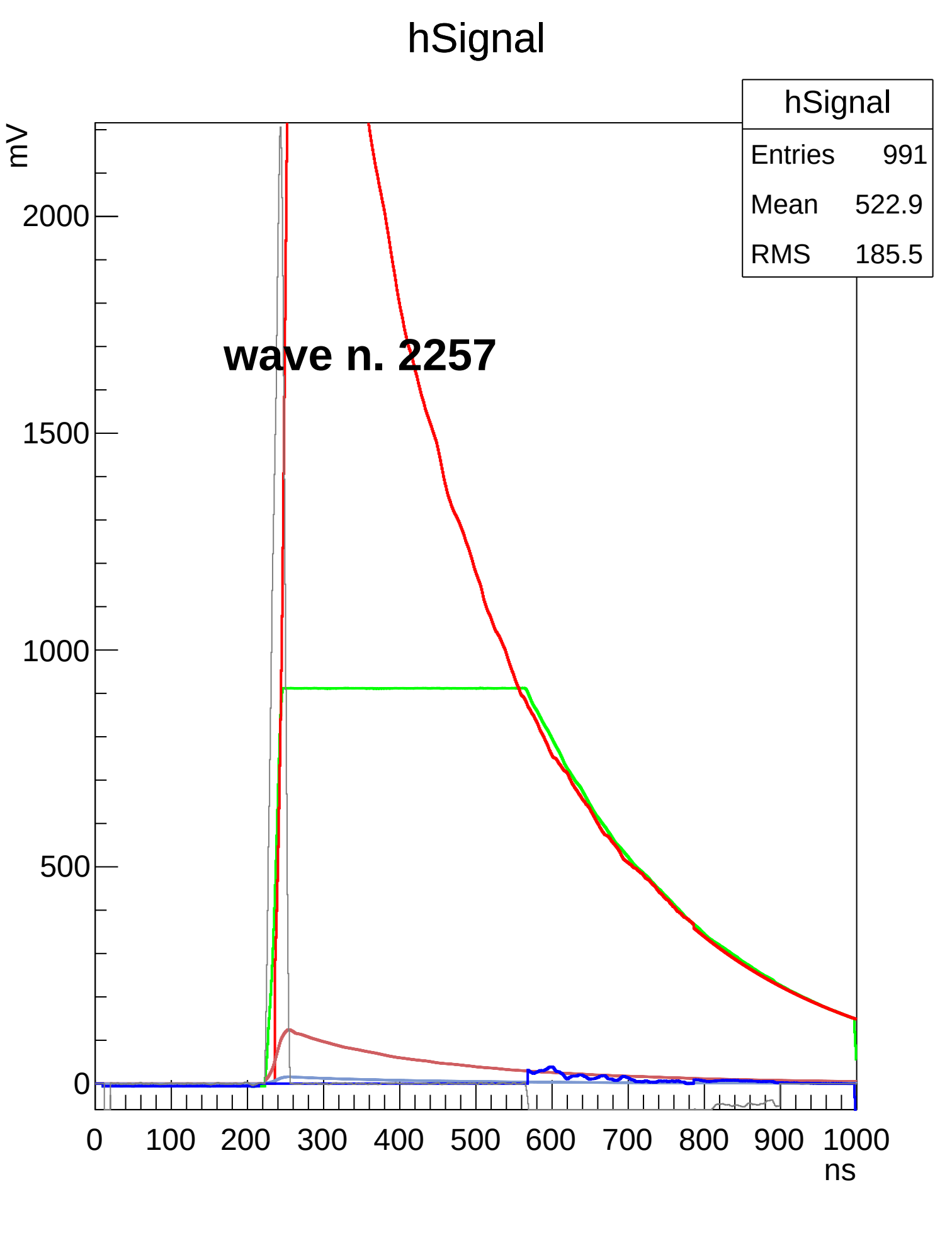
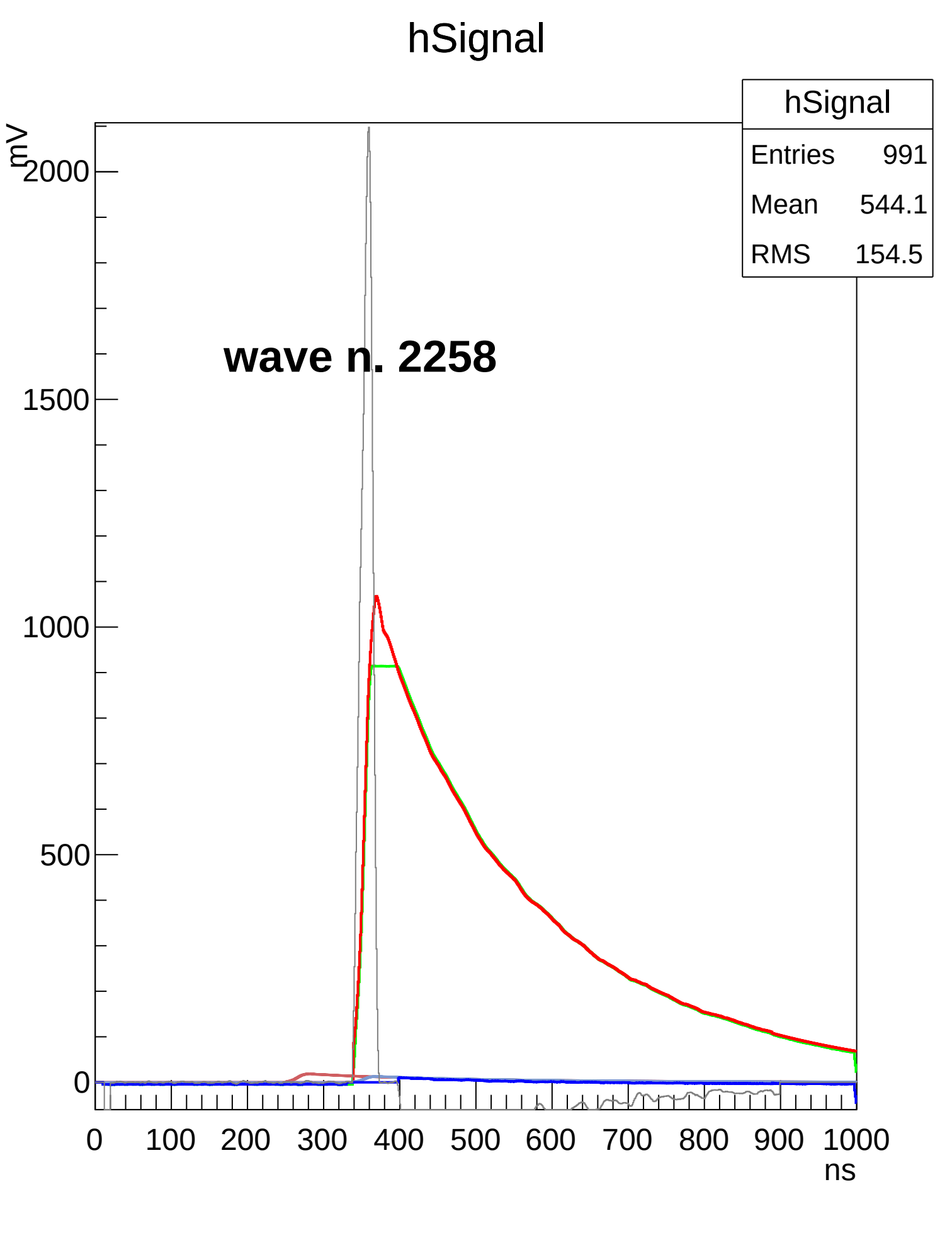
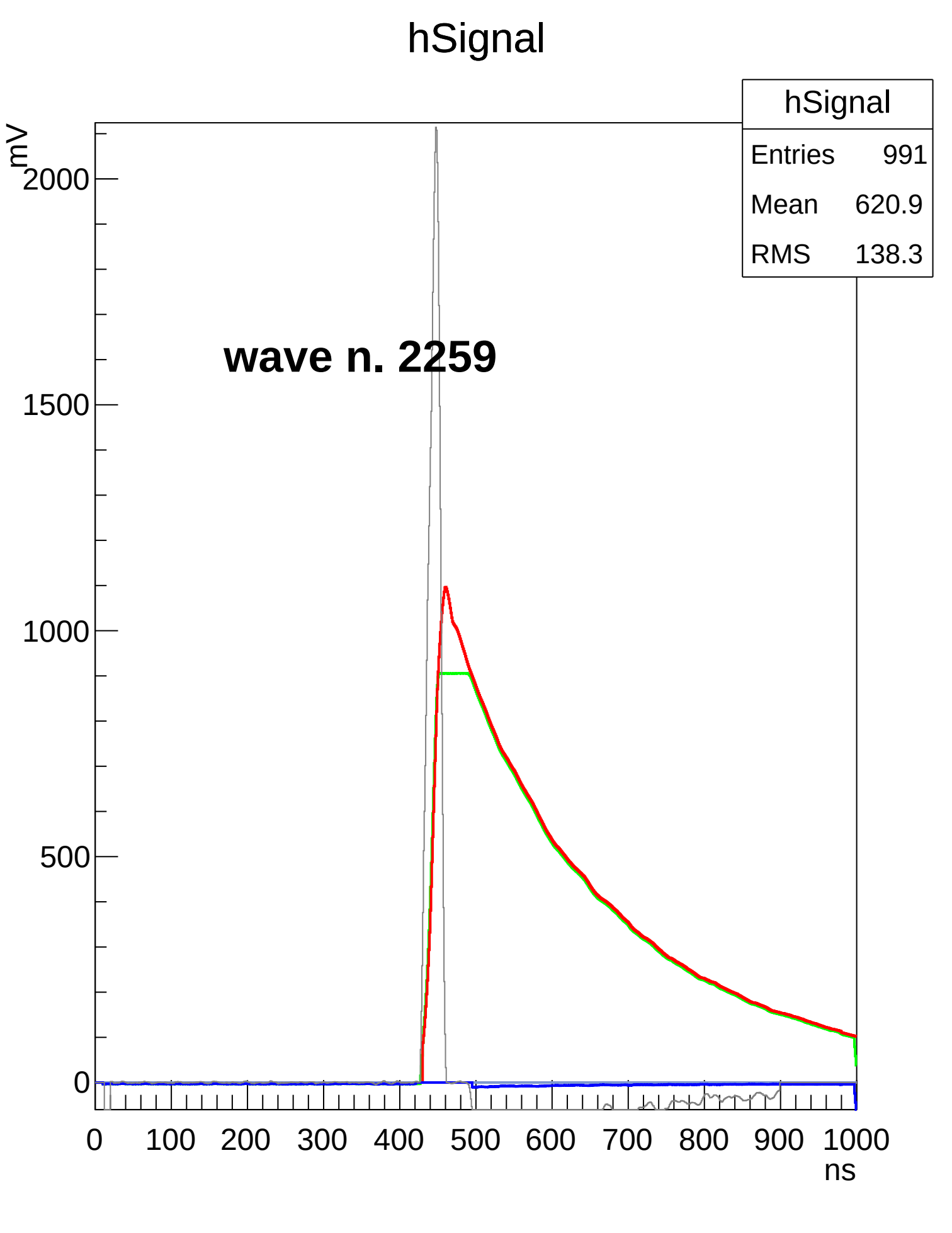
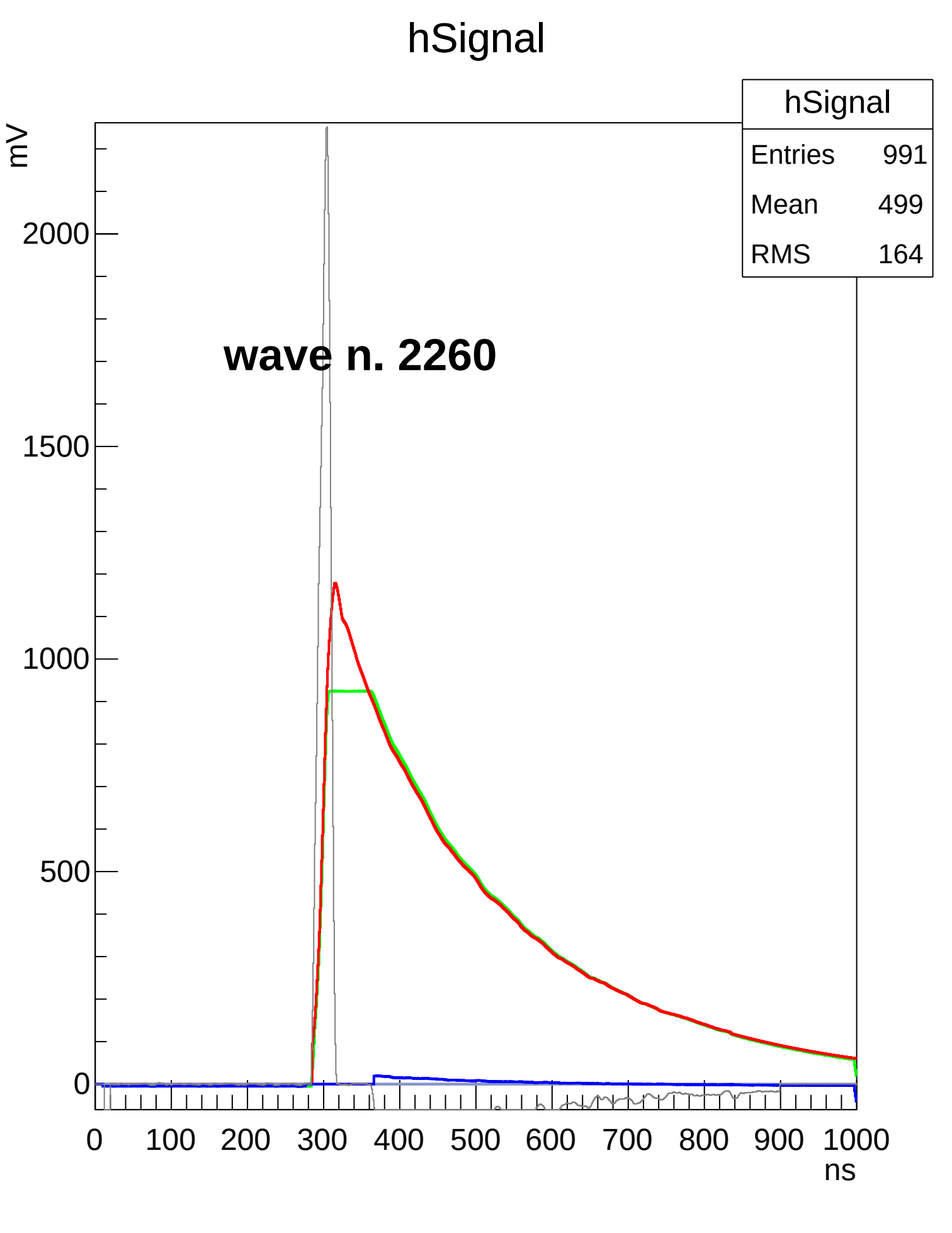
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 522.9
RMS 185.5
wave n. 2257
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 544.1
RMS 154.5
wave n. 2258
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 620.9
RMS 138.3
wave n. 2259
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499
RMS 164
wave n. 2260
mV
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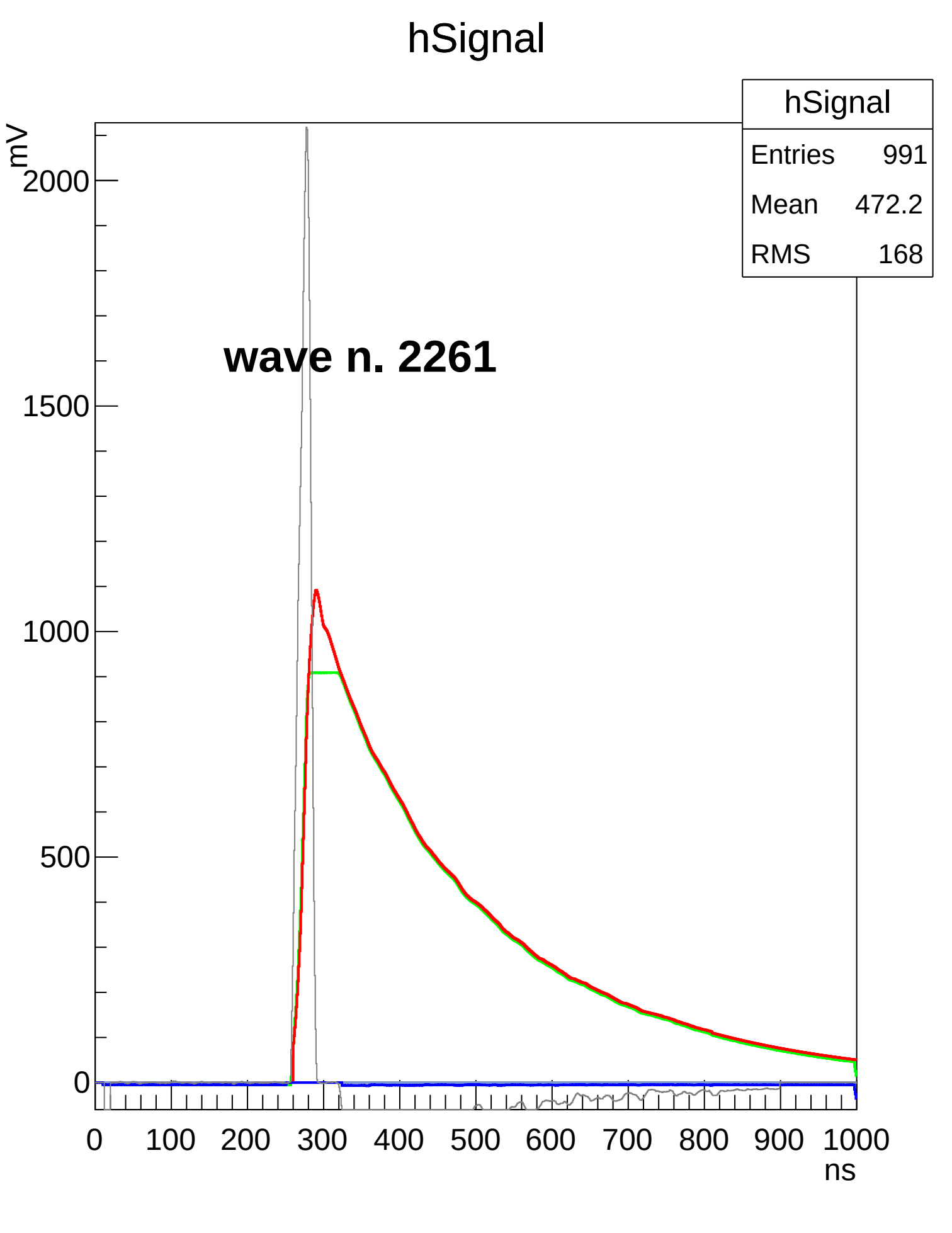
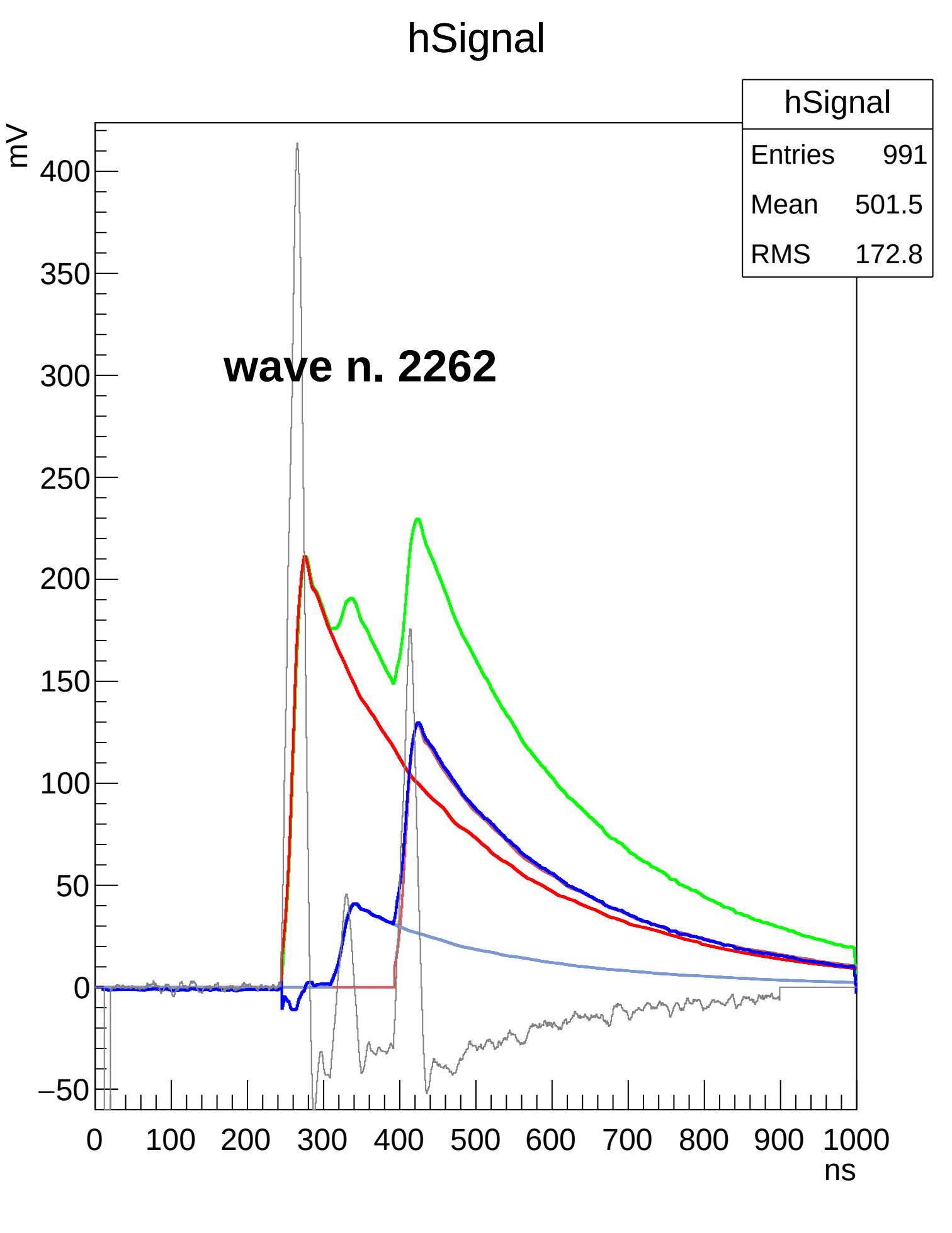
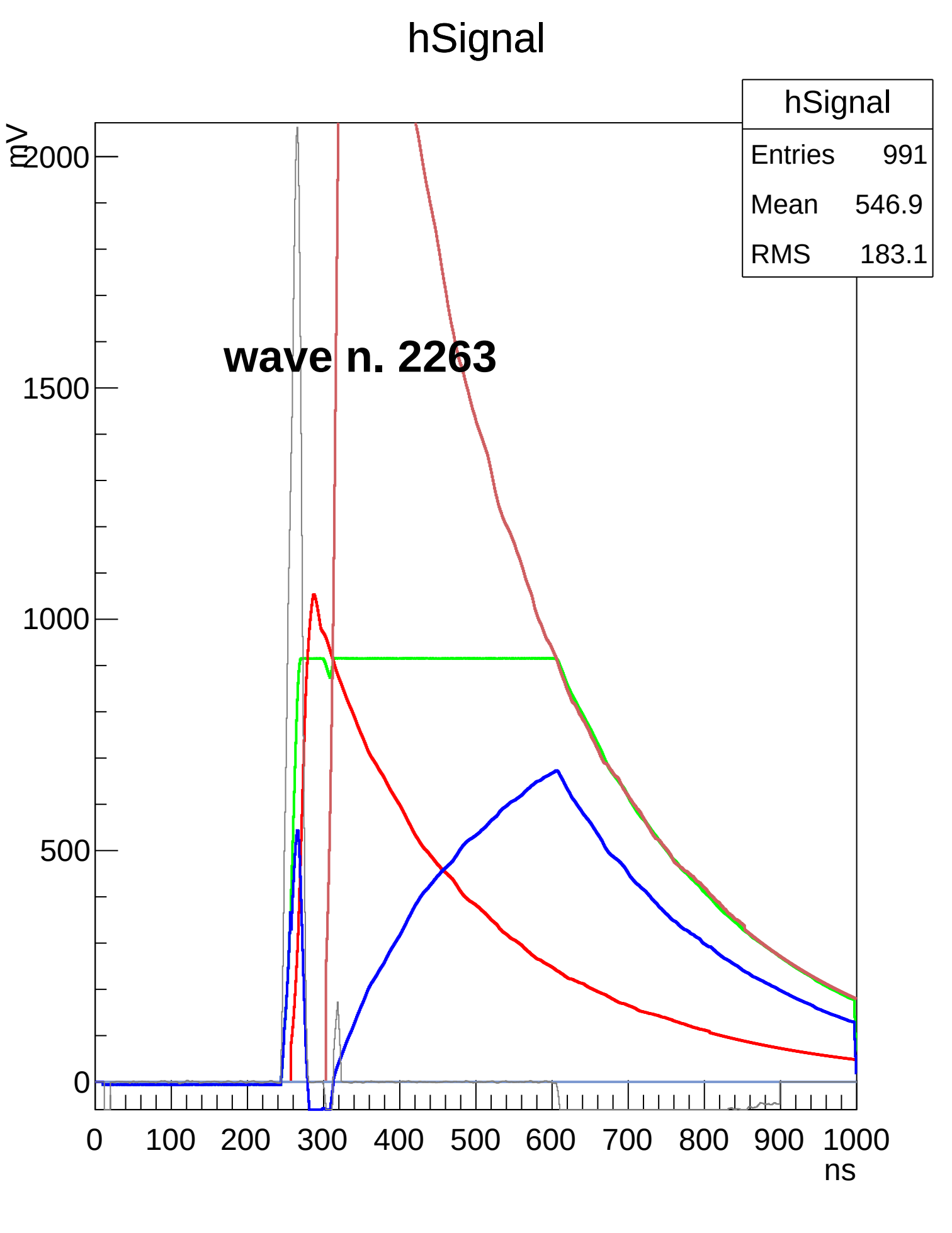
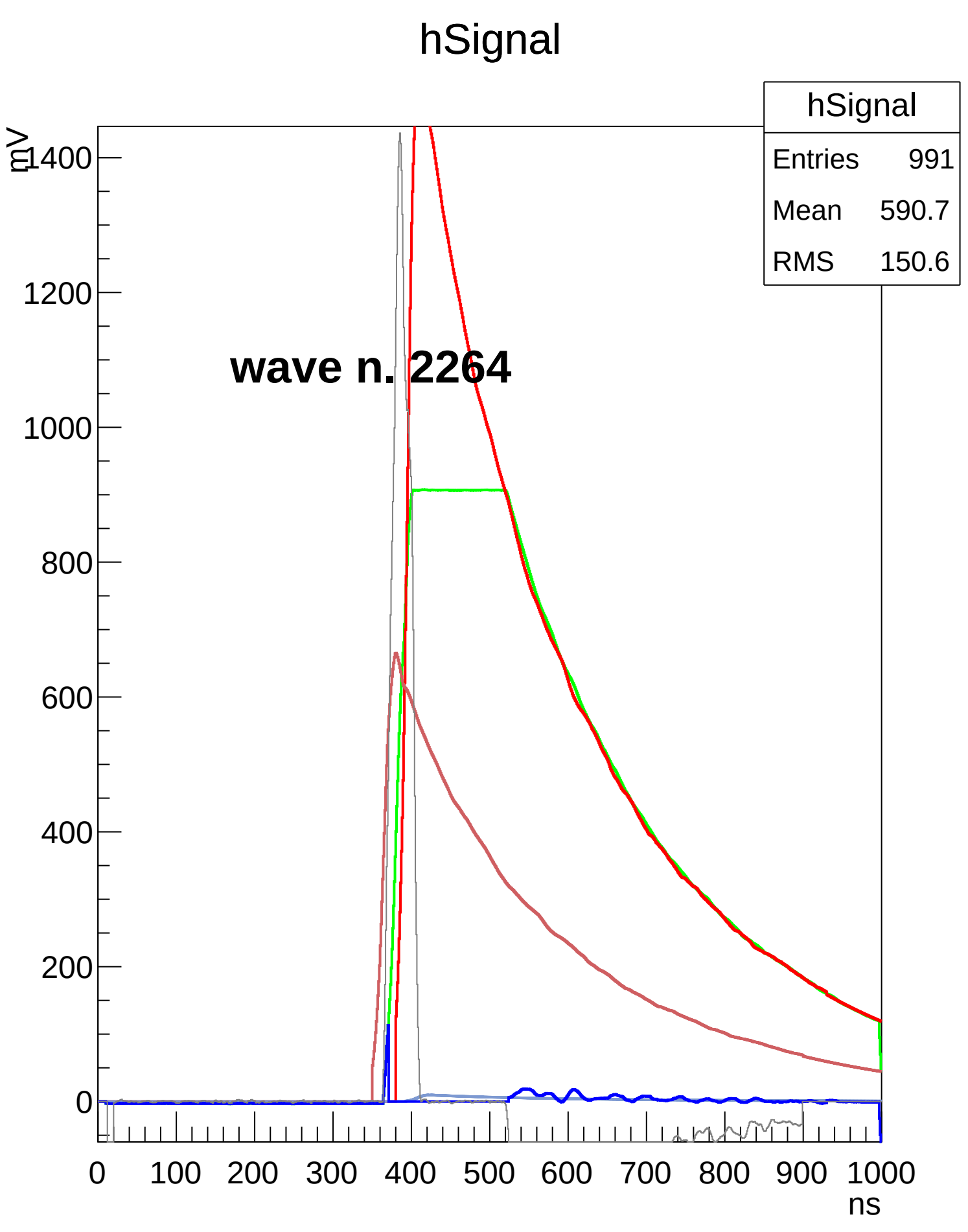
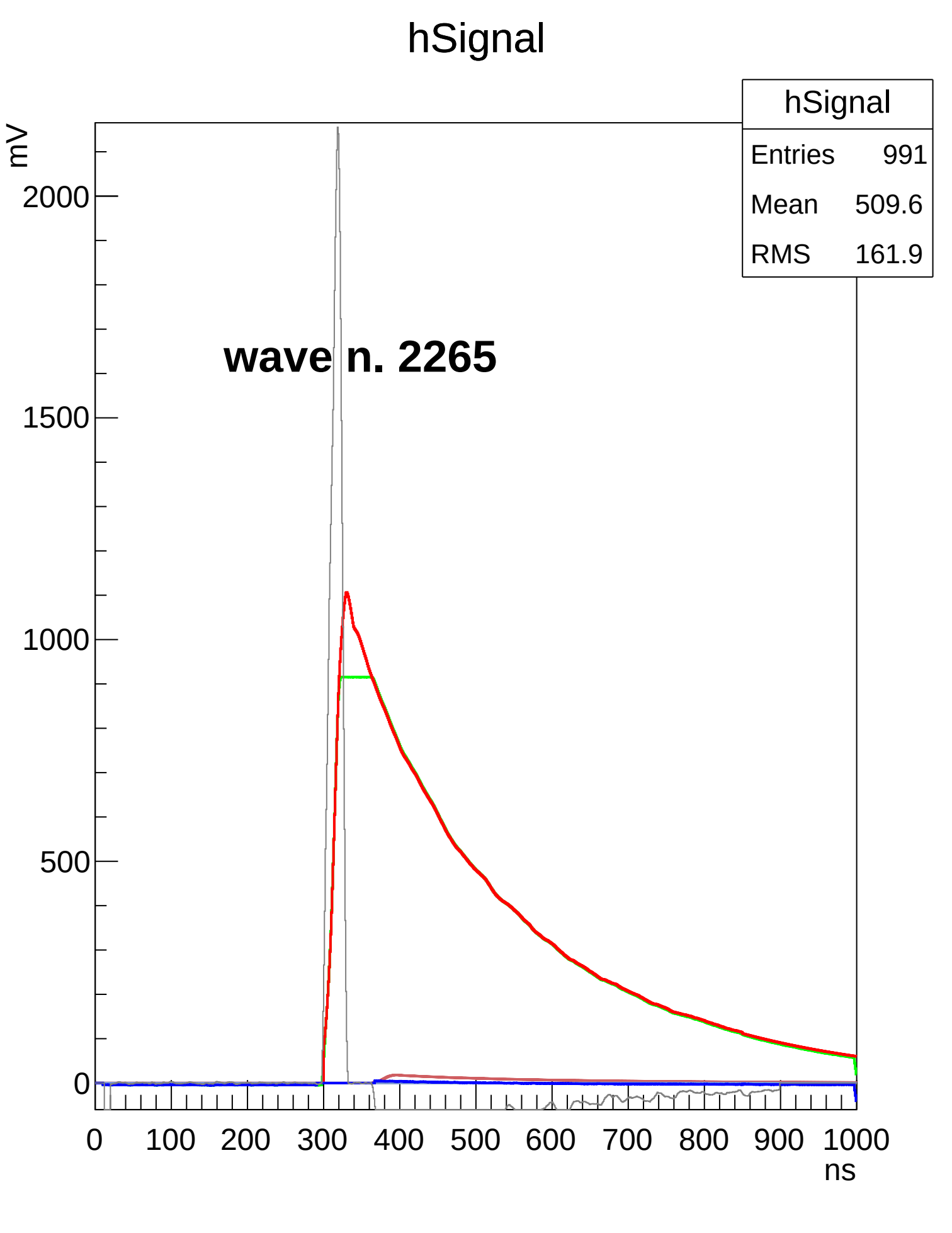
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

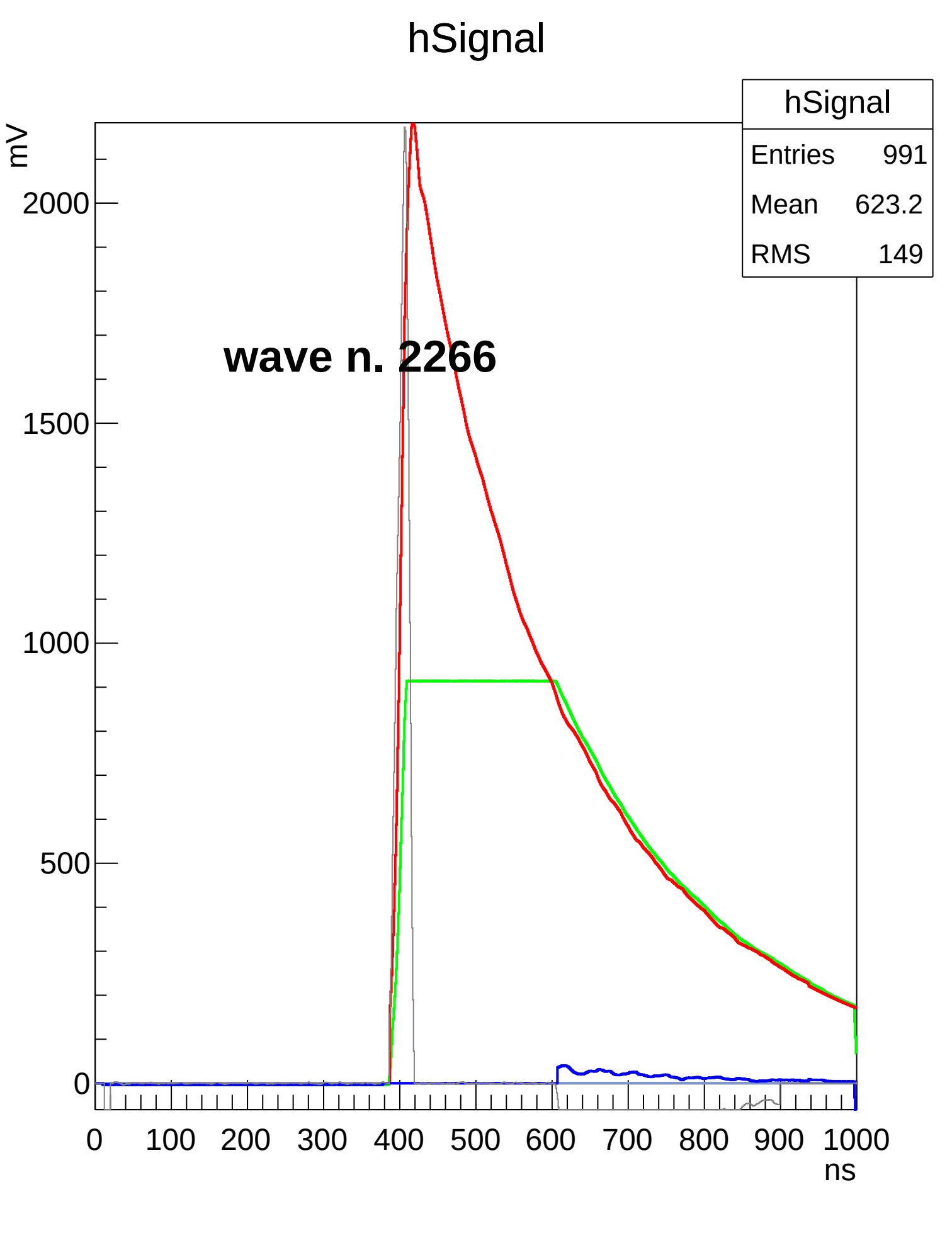

hSignal
hSignal
Entries 991
Mean 472.2
RMS 168
wave n. 2261
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

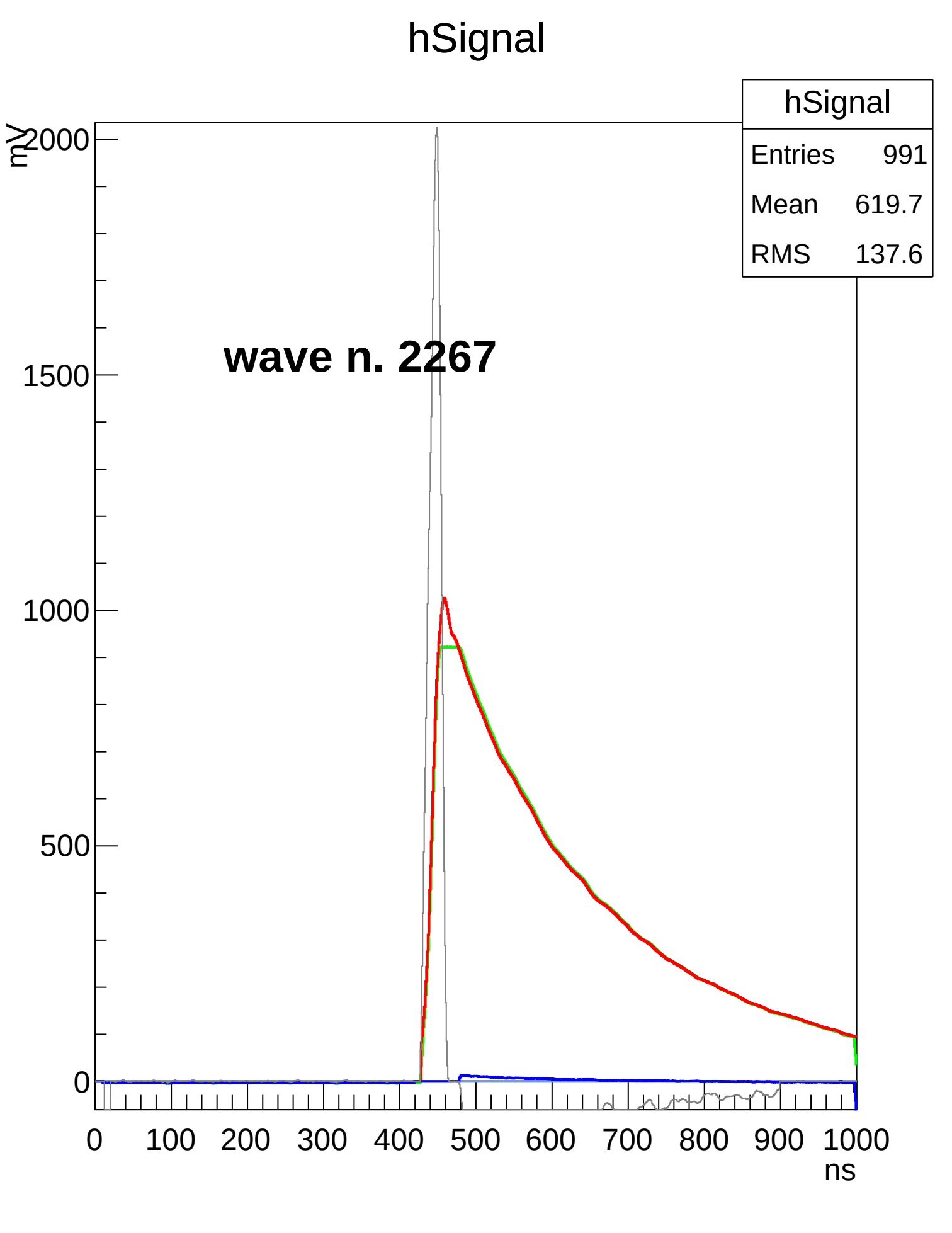

hSignal
hSignal
Entries 991
Mean 501.5
RMS 172.8
wave n. 2262
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

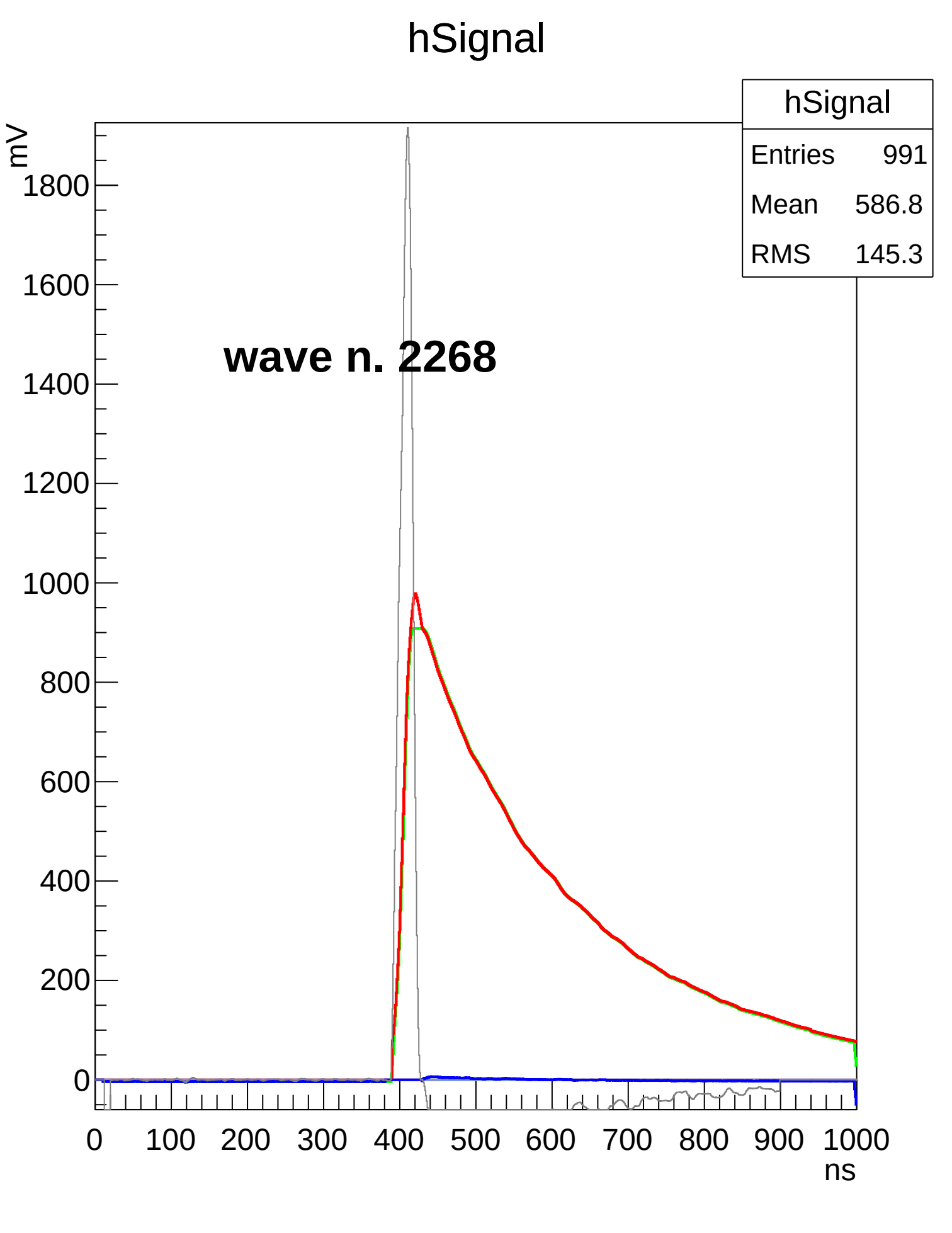

hSignal
hSignal
Entries 991
Mean 546.9
RMS 183.1
wave n. 2263
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

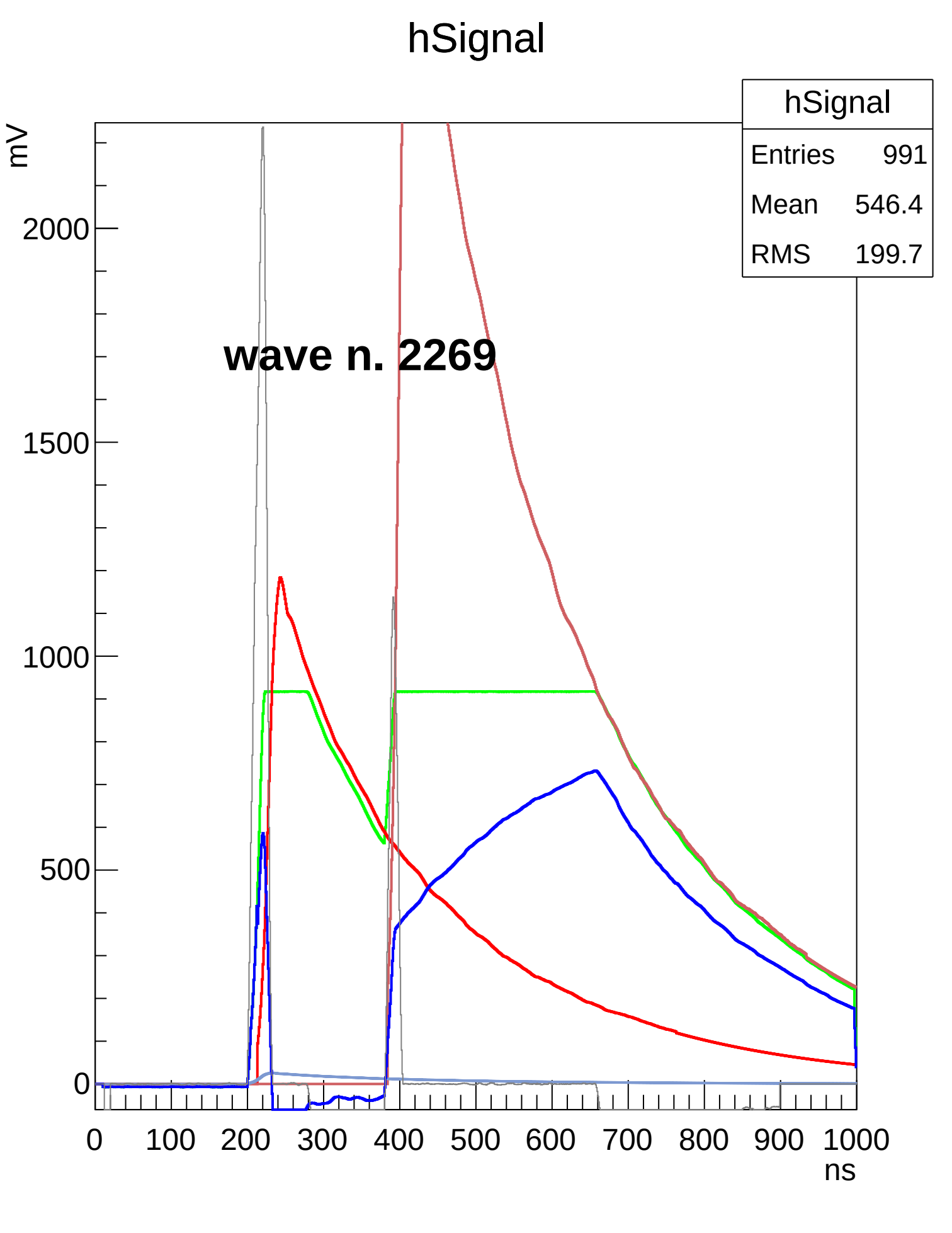

hSignal
hSignal
Entries 991
Mean 590.7
RMS 150.6
wave n. 2264
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

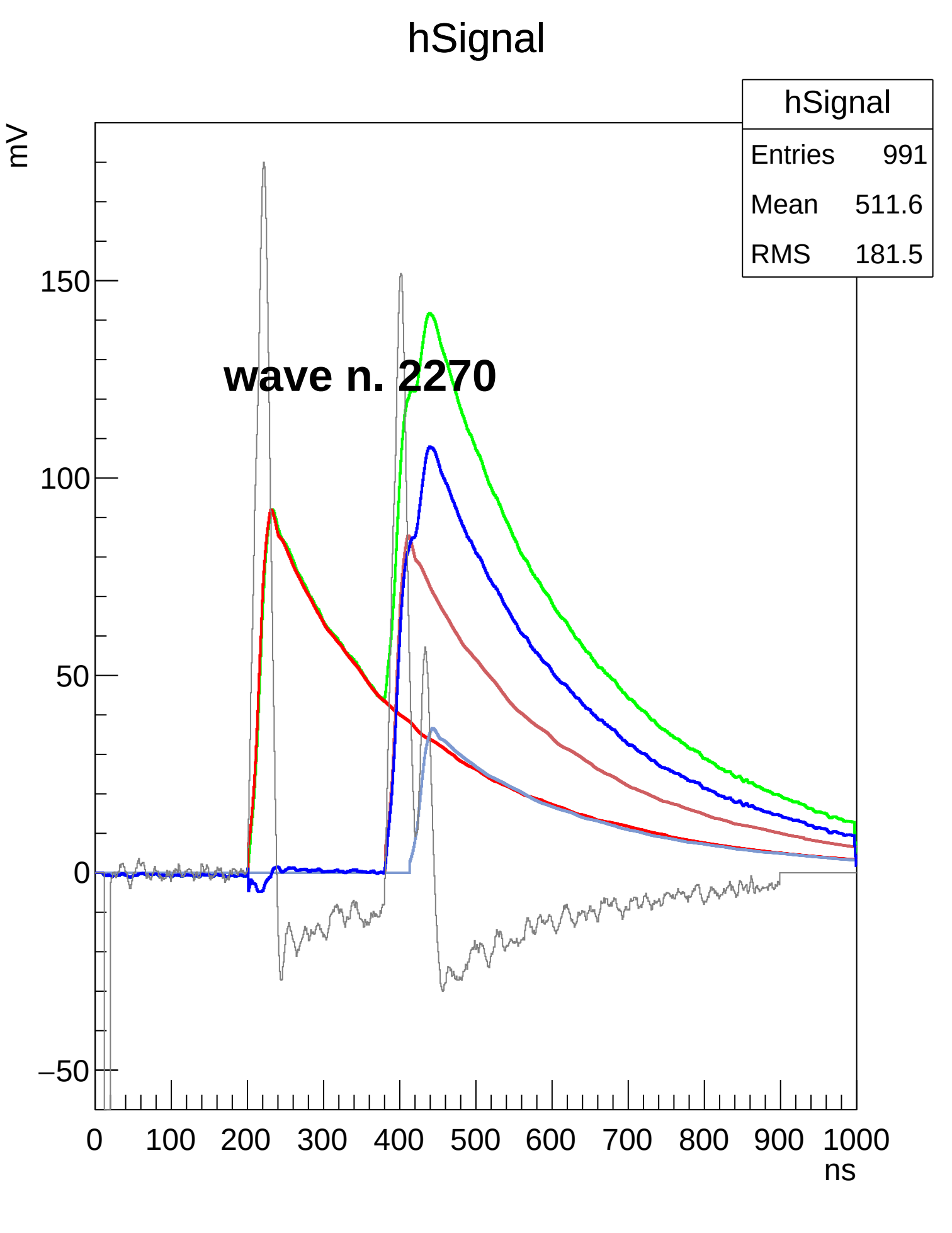

hSignal
hSignal
Entries 991
Mean 509.6
RMS 161.9
wave n. 2265
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

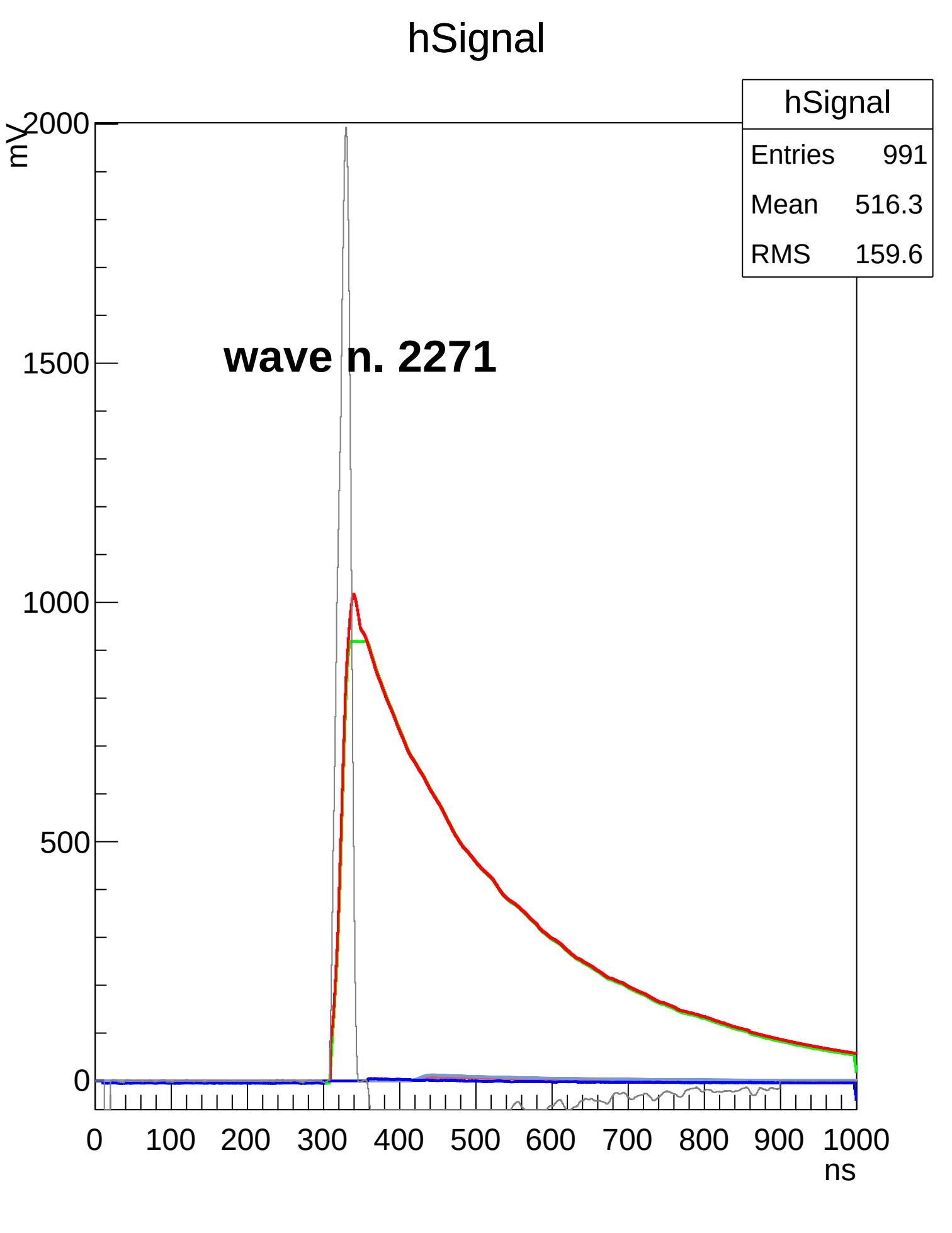

hSignal
hSignal
Entries 991
Mean 623.2
RMS 149
wave n. 2266
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

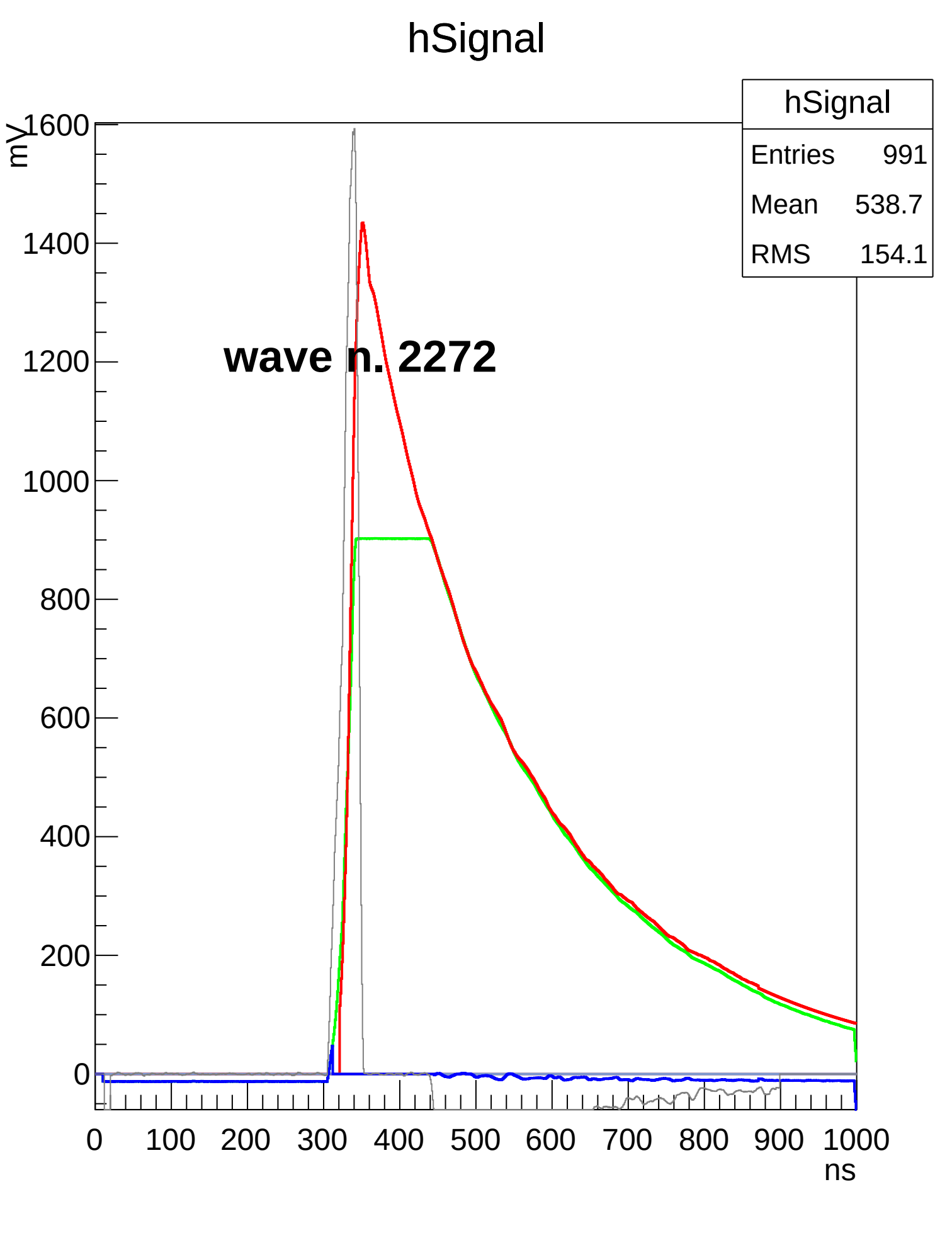

hSignal
hSignal
Entries 991
Mean 619.7
RMS 137.6
wave n. 2267
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

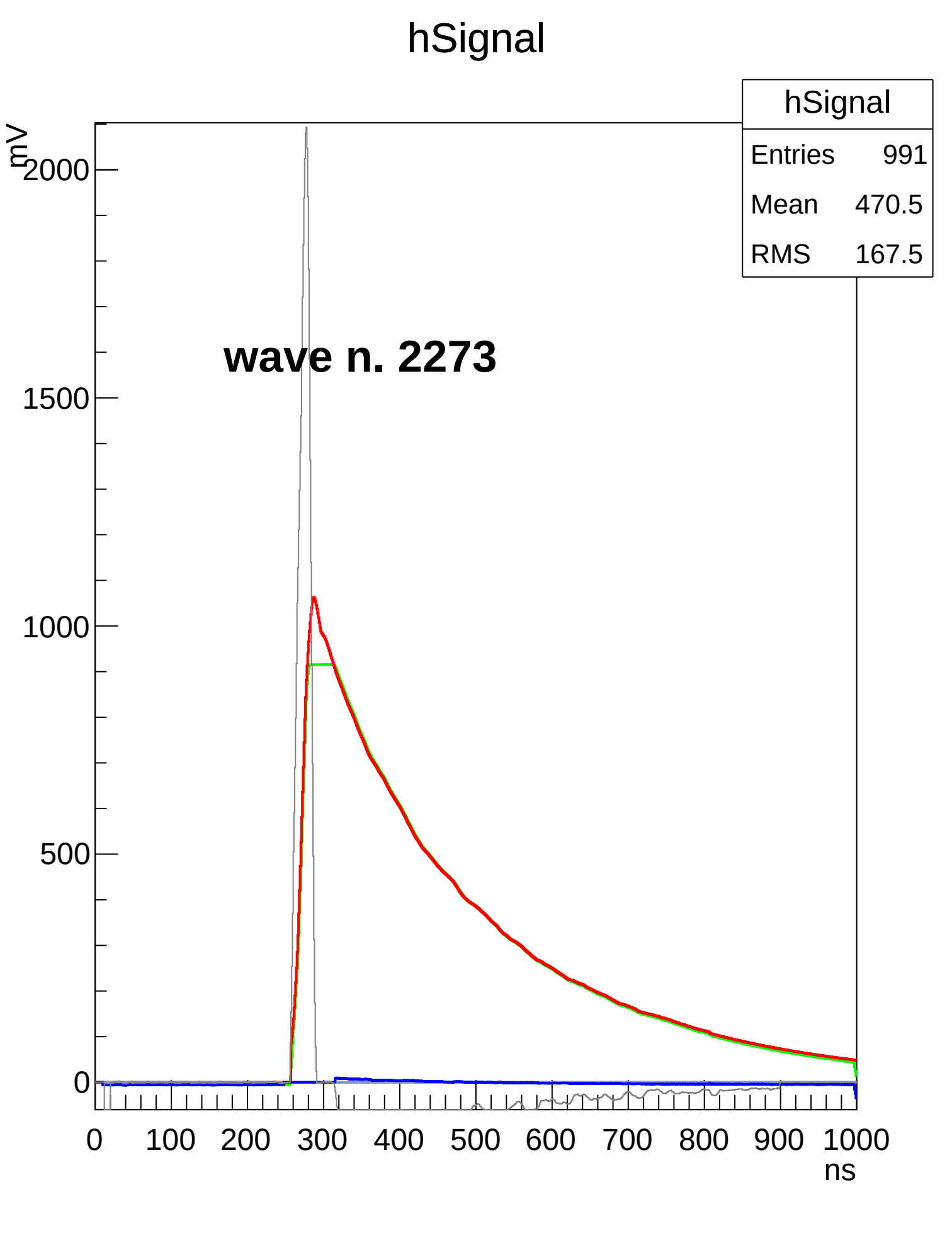

hSignal
hSignal
Entries 991
Mean 586.8
RMS 145.3
wave n. 2268
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

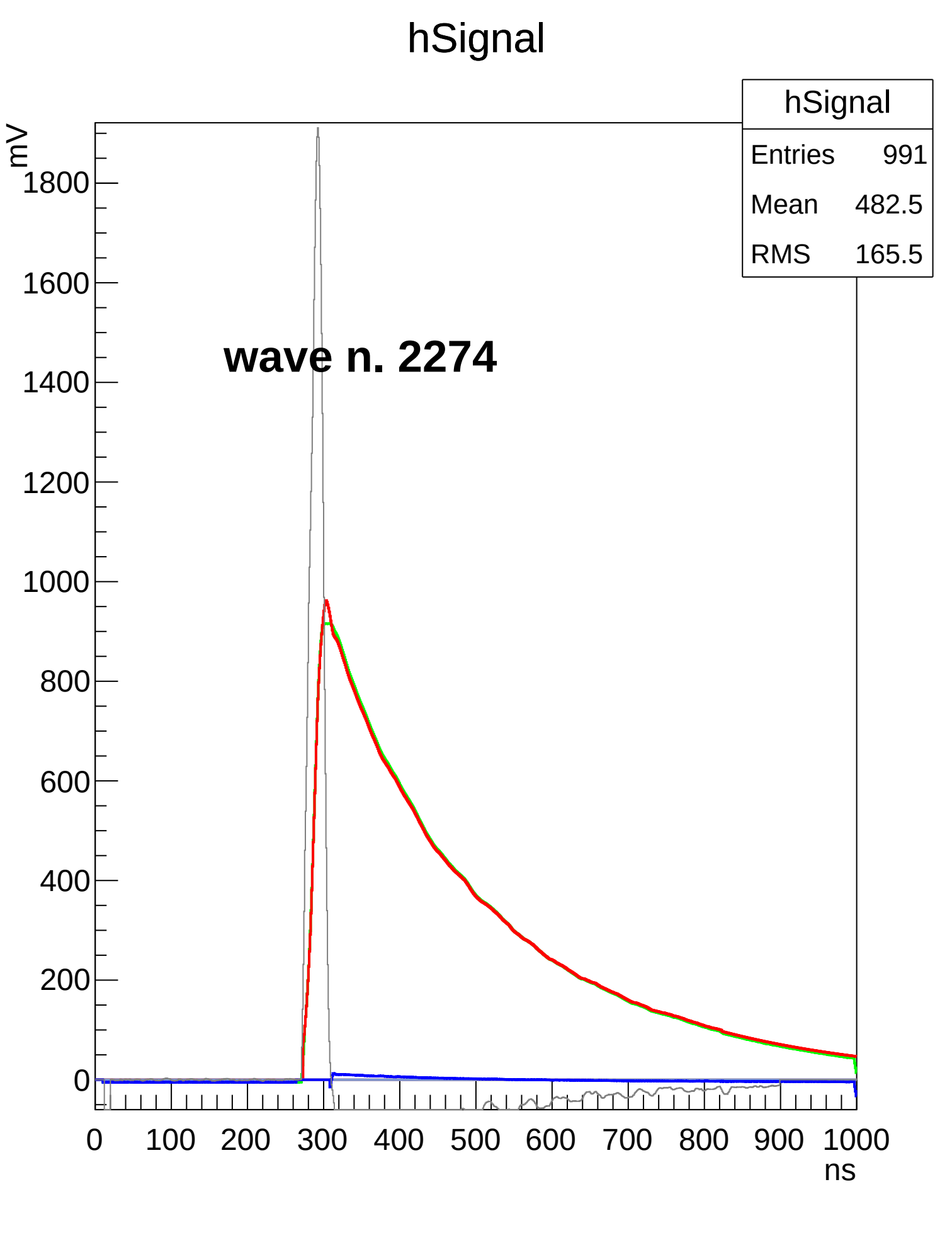

hSignal
hSignal
Entries 991
Mean 546.4
RMS 199.7
wave n. 2269
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

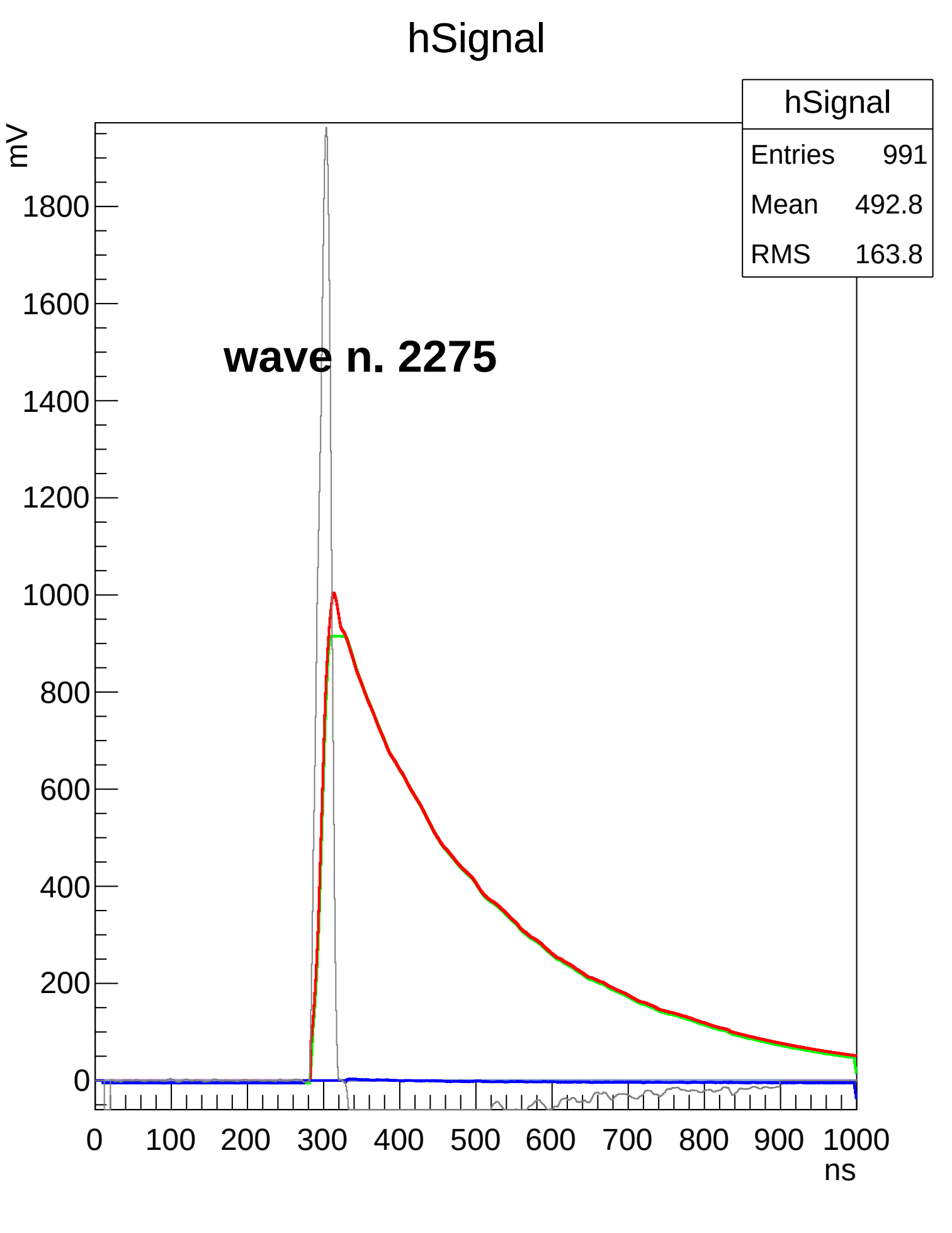

hSignal
hSignal
Entries 991
Mean 511.6
RMS 181.5
wave n. 2270
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

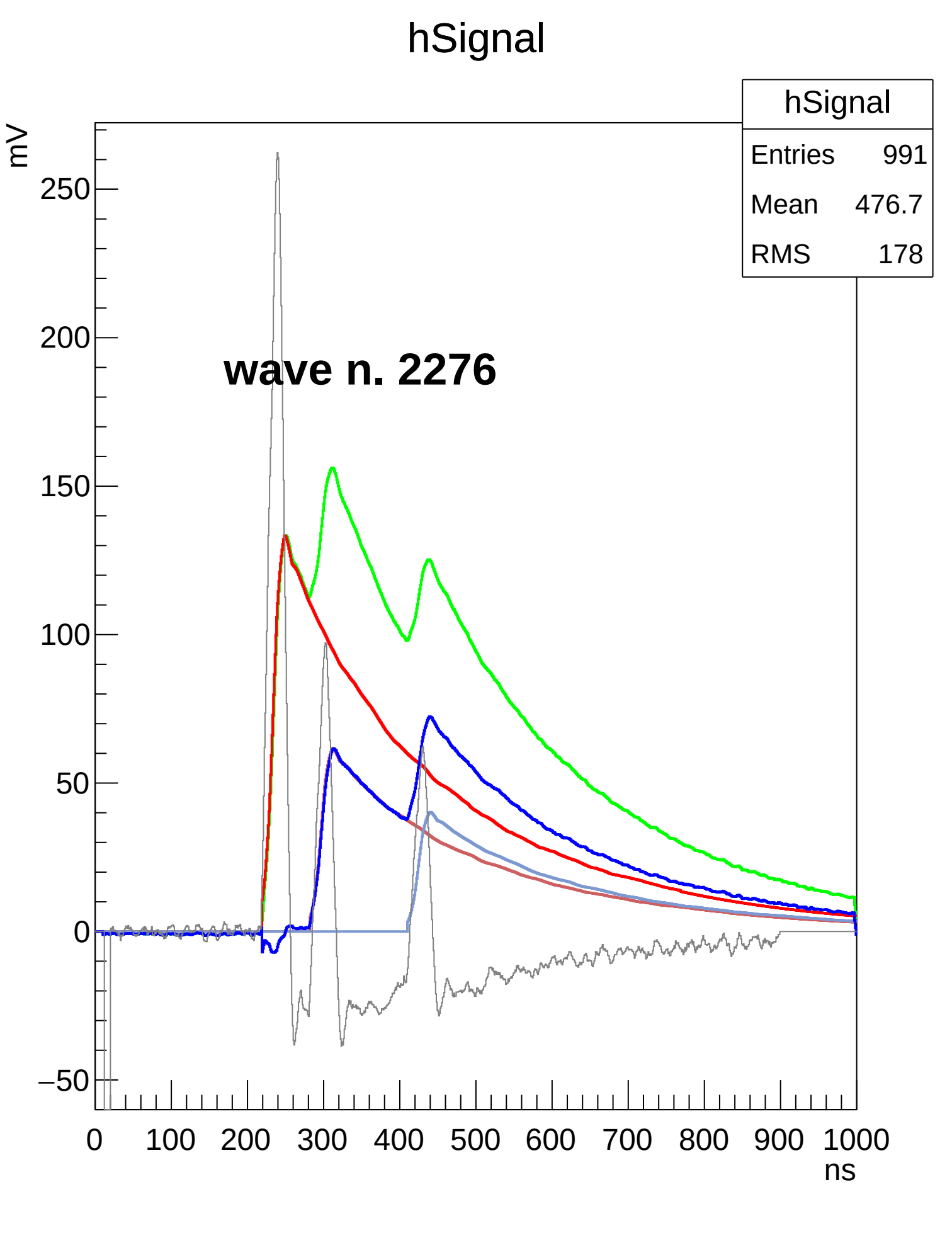

hSignal
hSignal
Entries 991
Mean 516.3
RMS 159.6
wave n. 2271
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

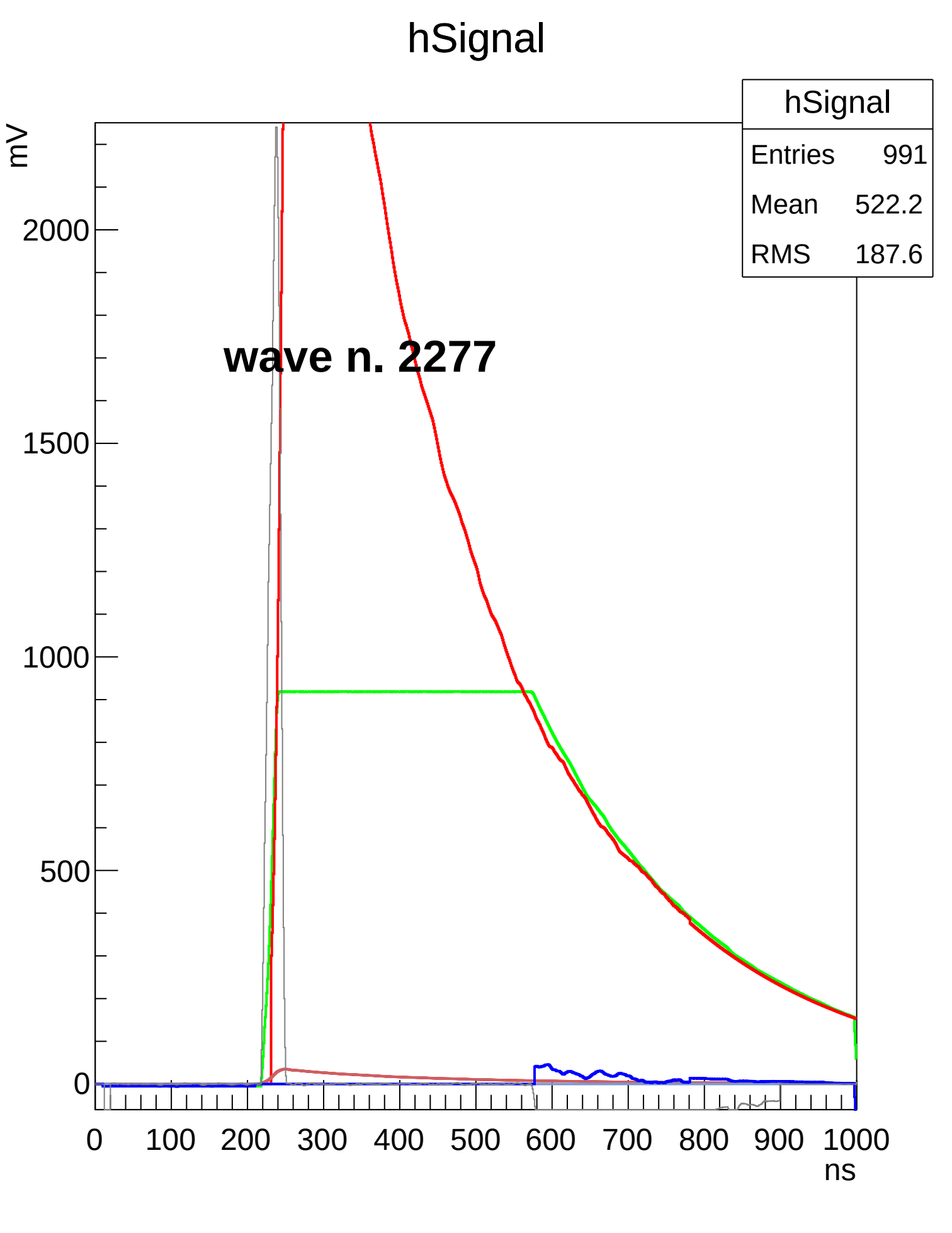

hSignal
hSignal
Entries 991
Mean 538.7
RMS 154.1
wave n. 2272
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 470.5
RMS 167.5
wave n. 2273
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 482.5
RMS 165.5
wave n. 2274
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 492.8
RMS 163.8
wave n. 2275
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 476.7
RMS 178
wave n. 2276
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 522.2
RMS 187.6
wave n. 2277
mV
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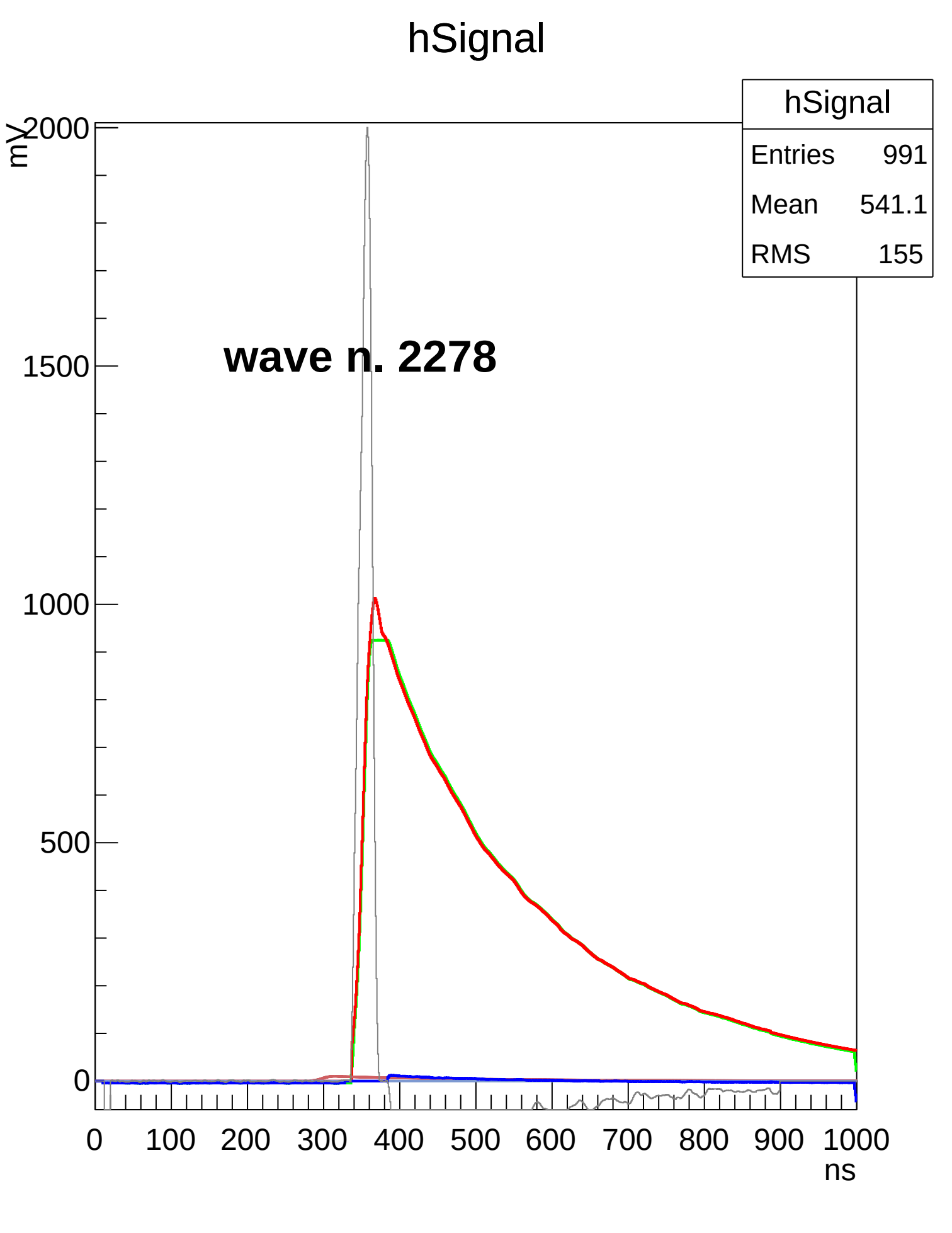
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 541.1
RMS 155
wave n. 2278
mV
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1500
1000
500
0
0
100
200
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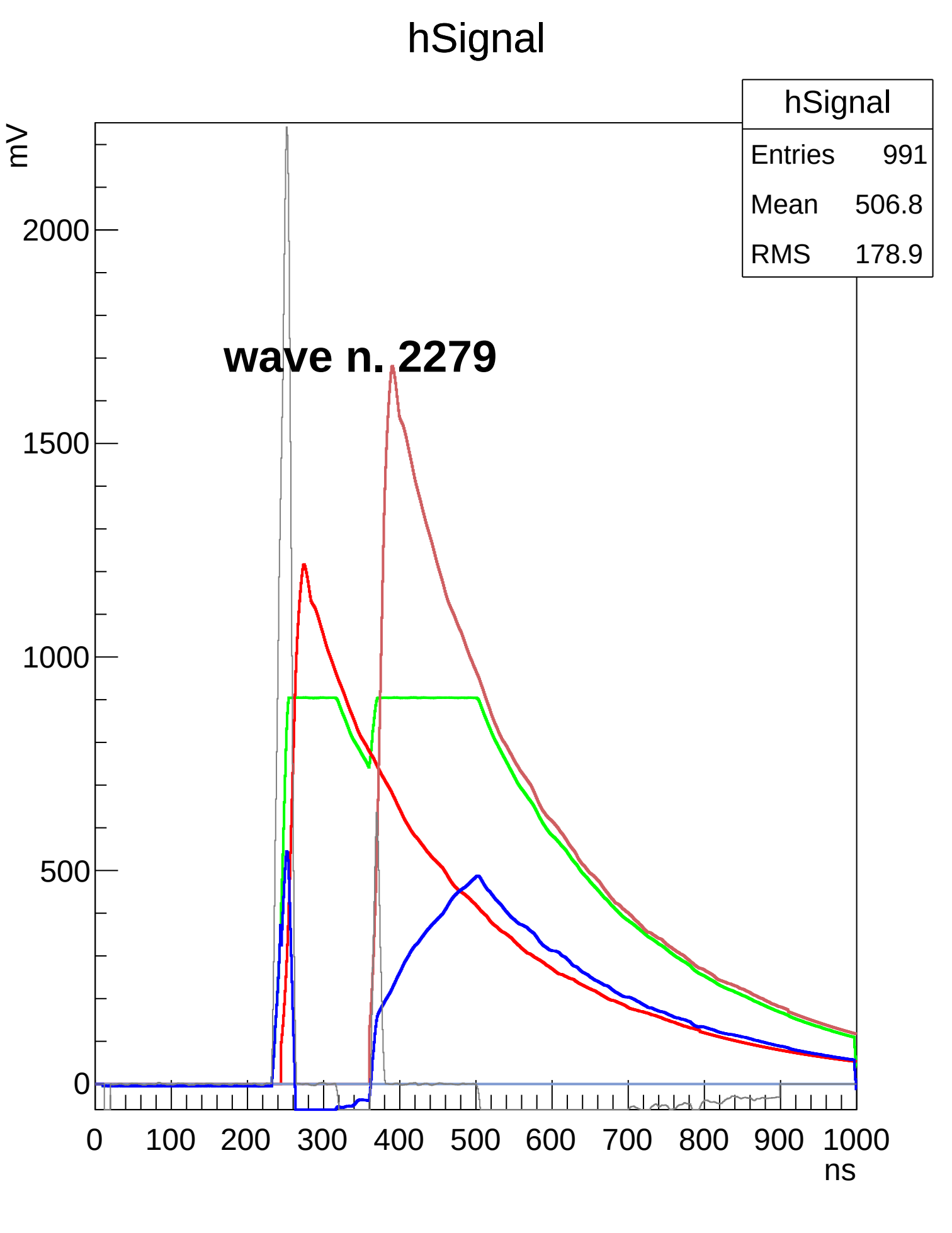
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506.8
RMS 178.9
wave n. 2279
mV
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1500
1000
500
0
0
100
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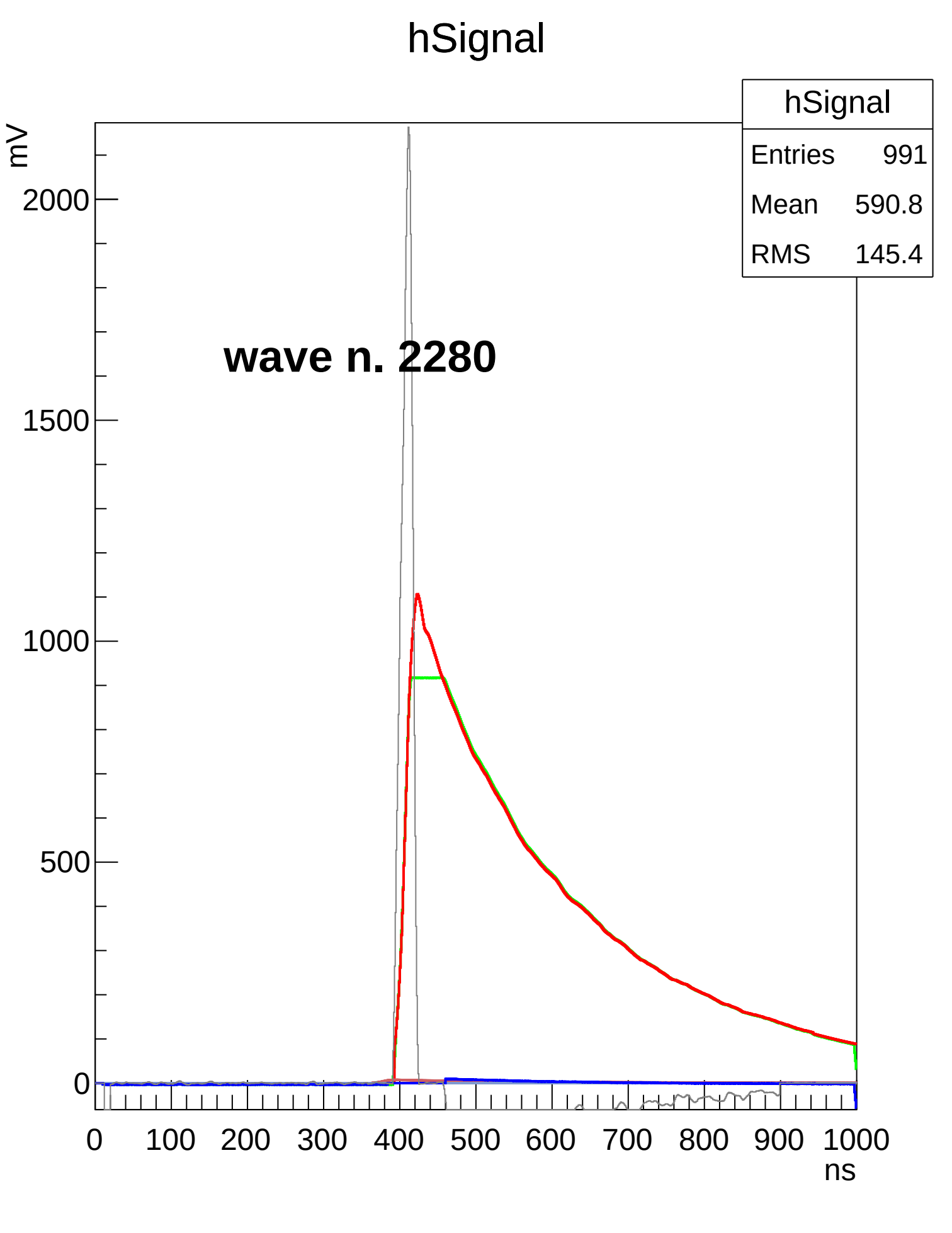
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 590.8
RMS 145.4
wave n. 2280
mV
2000
1500
1000
500
0
0
100
200
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400
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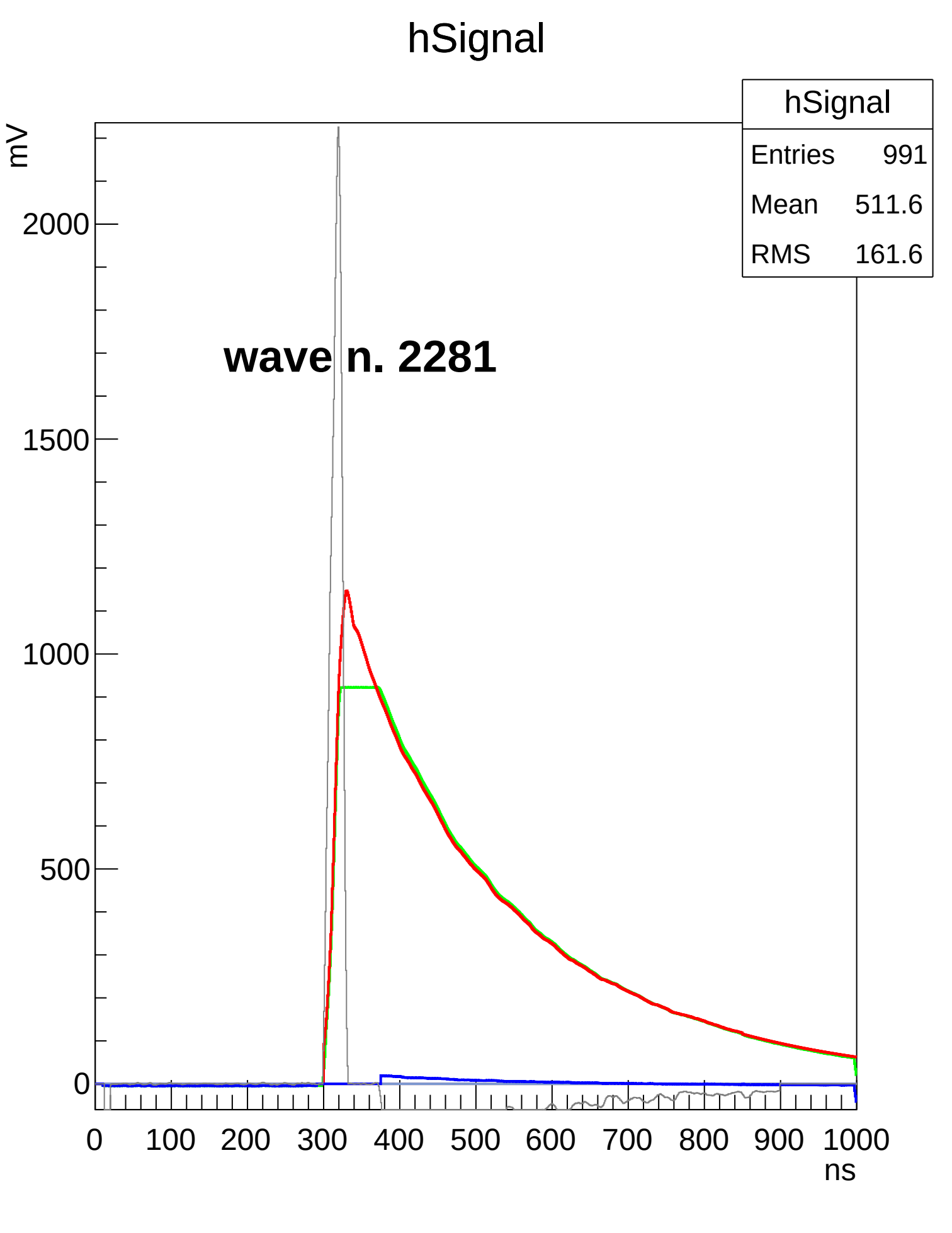
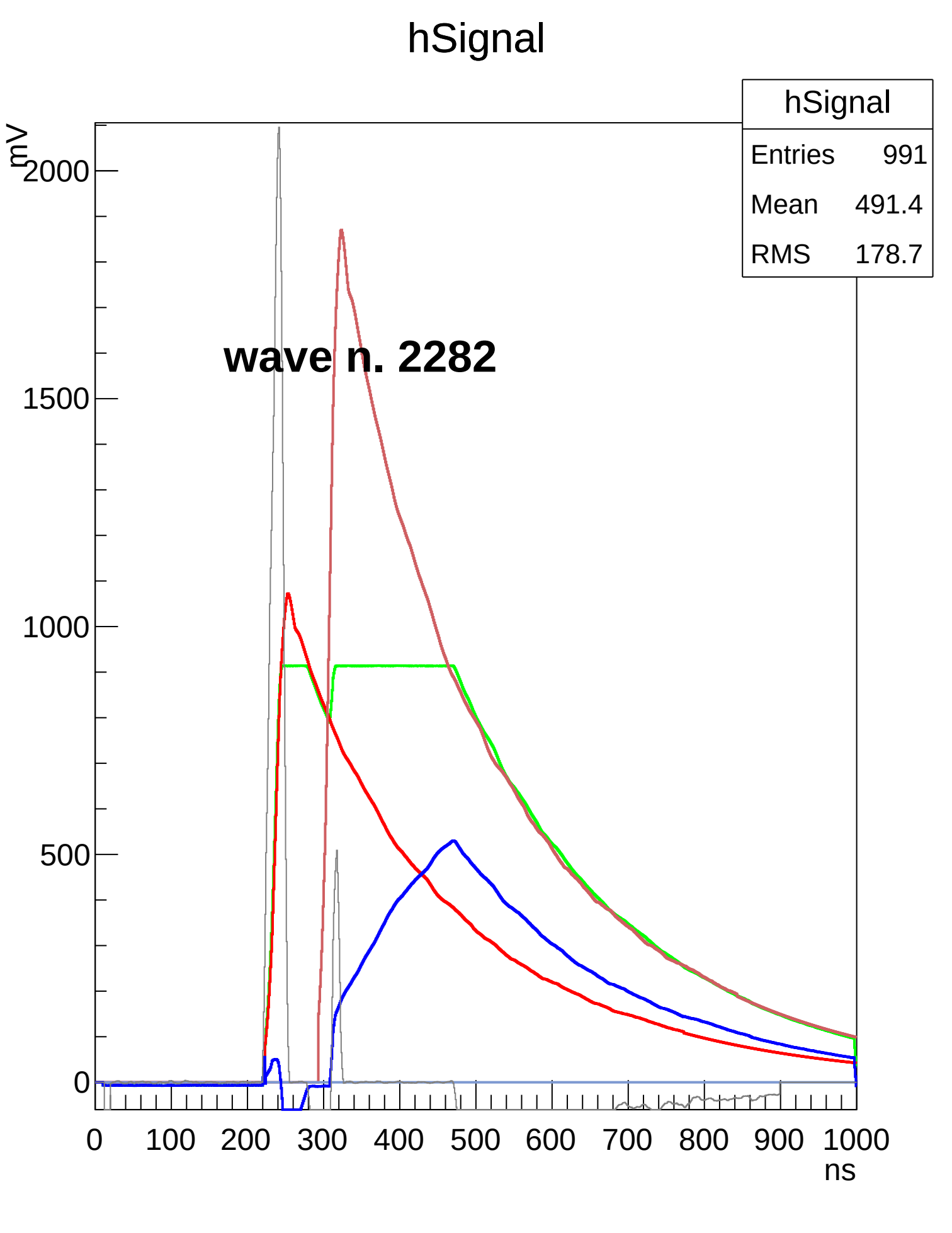
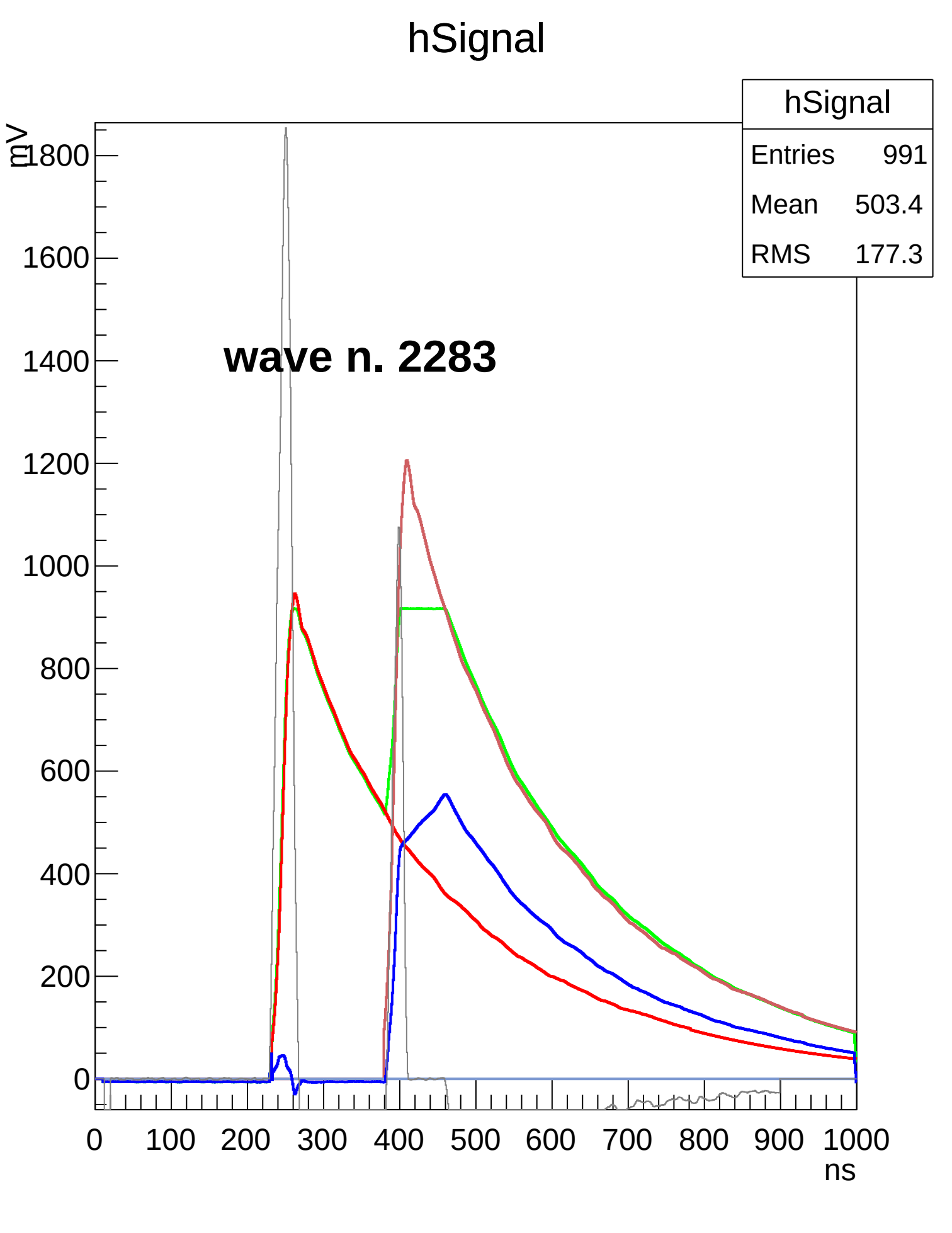
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 511.6
RMS 161.6
wave n. 2281
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 491.4
RMS 178.7
wave n. 2282
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 503.4
RMS 177.3
wave n. 2283
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
300
400
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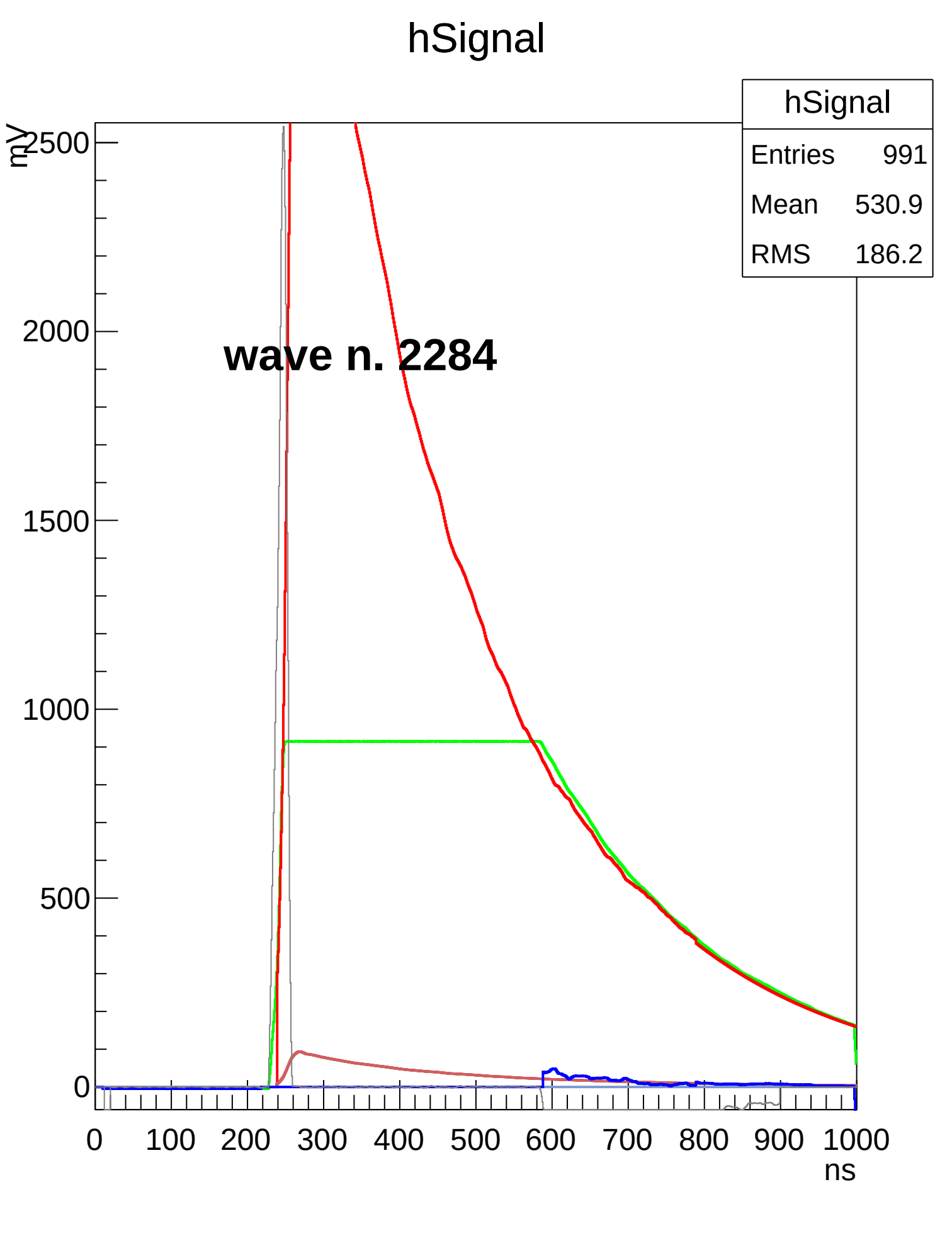
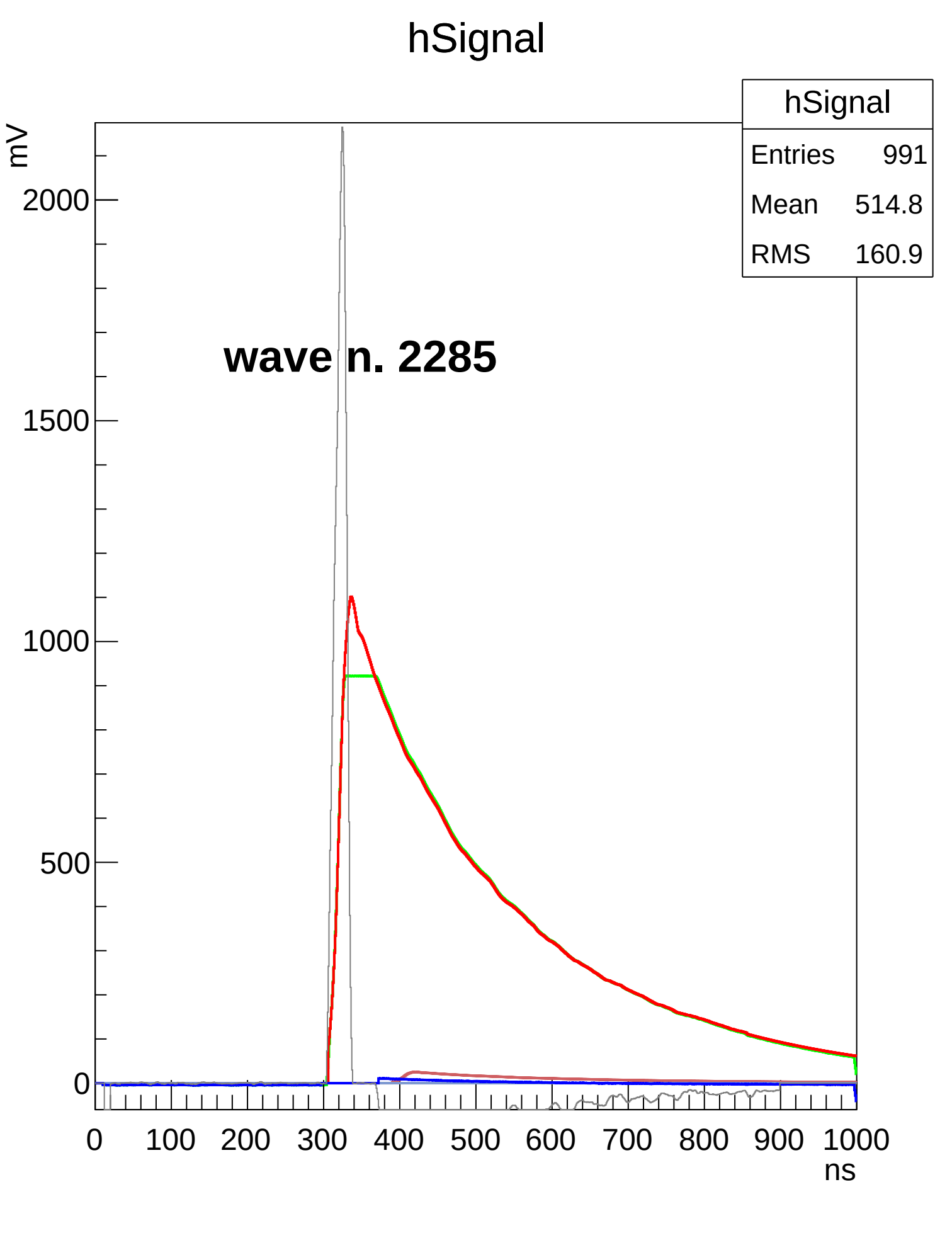
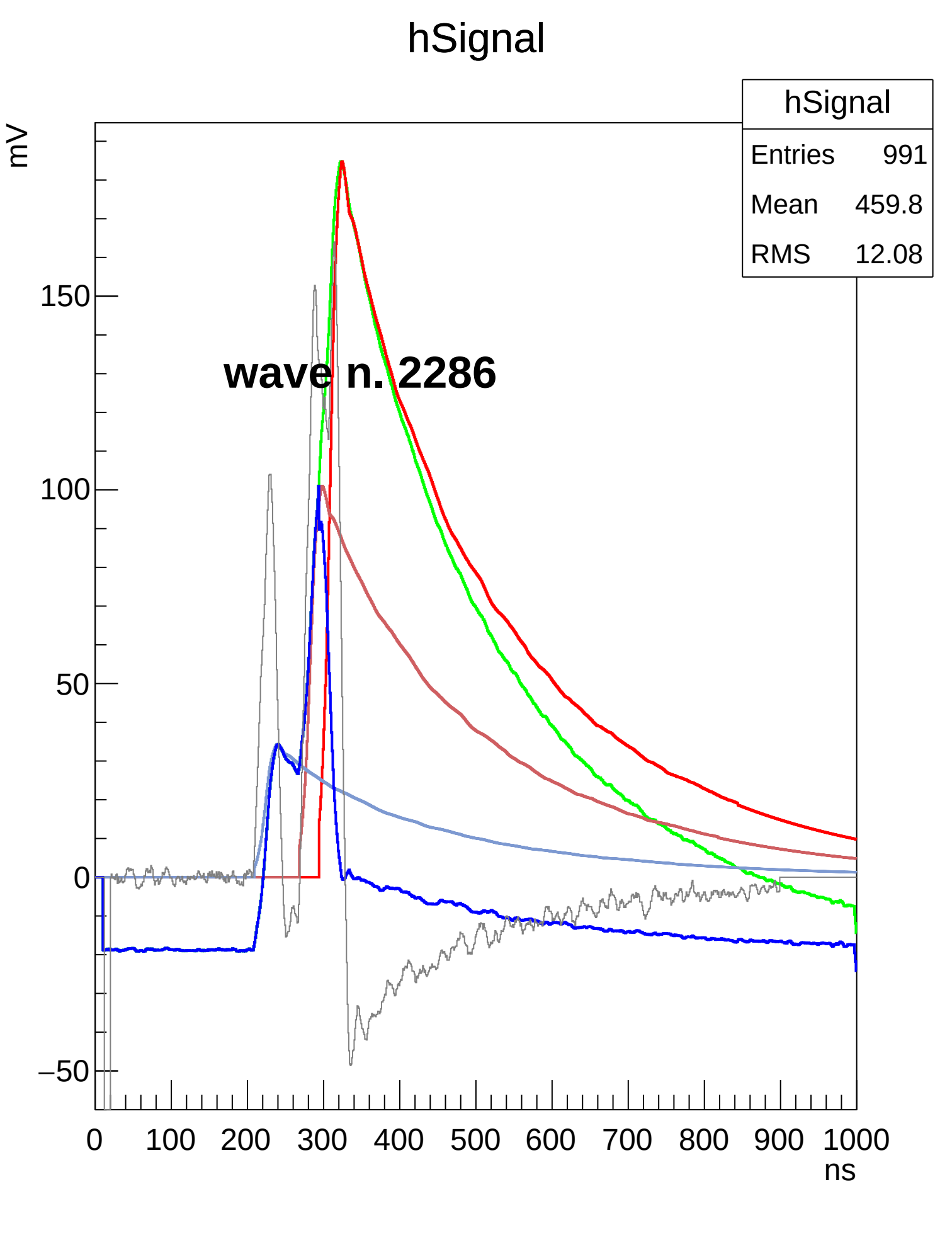
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.9
RMS 186.2
wave n. 2284
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 514.8
RMS 160.9
wave n. 2285
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 459.8
RMS 12.08
wave n. 2286
mV
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100
50
0
−50
0
100
200
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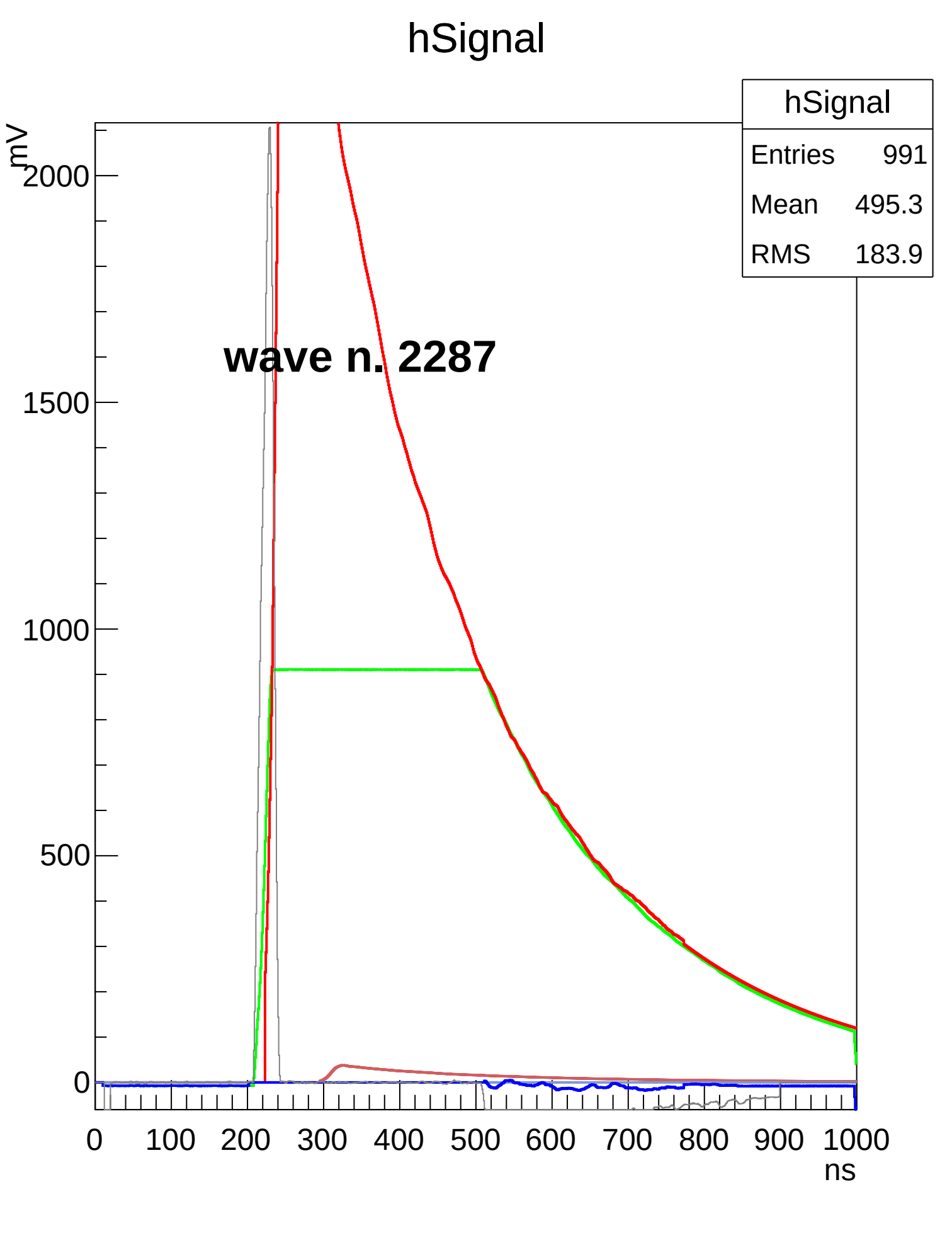
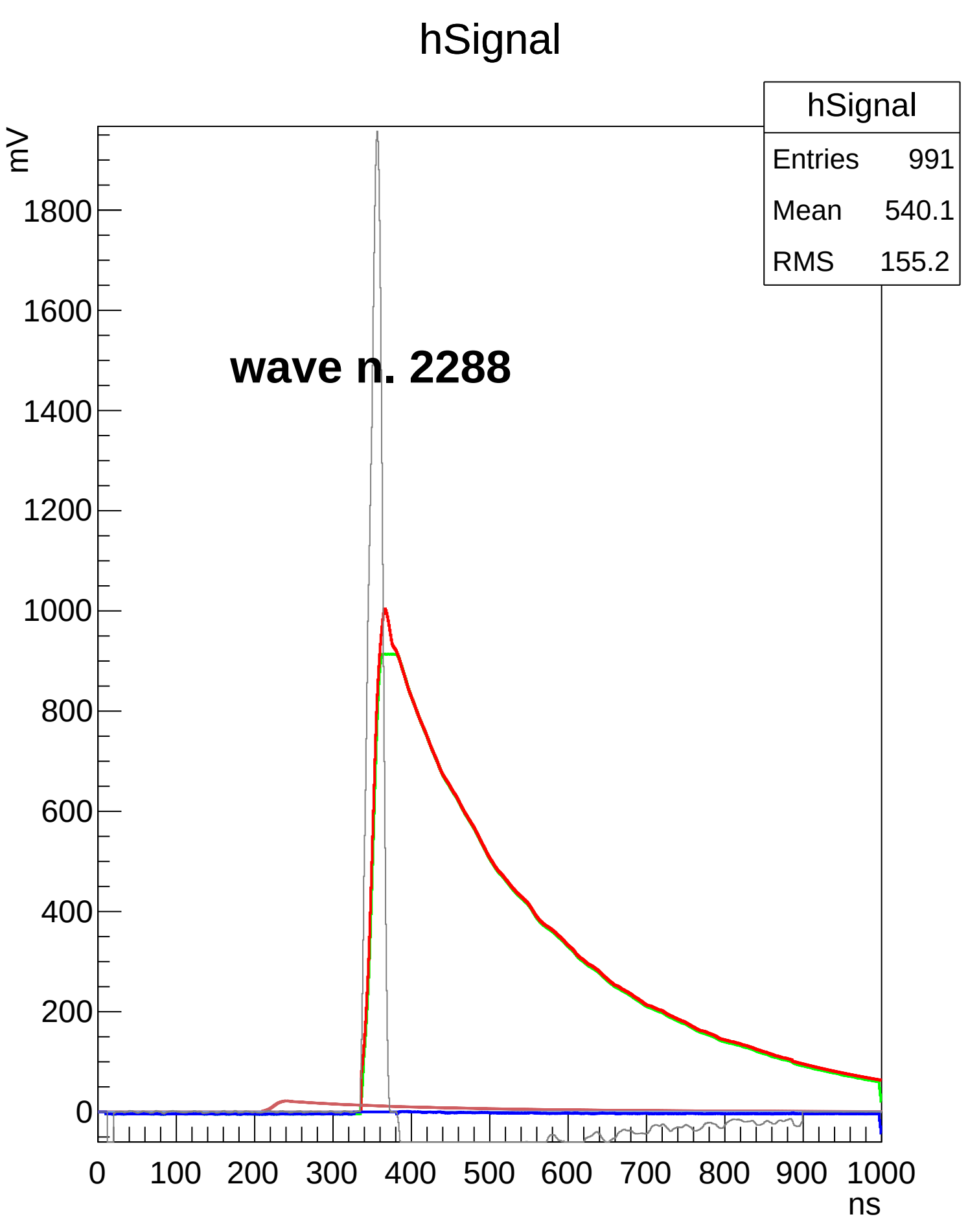
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 495.3
RMS 183.9
wave n. 2287
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 540.1
RMS 155.2
wave n. 2288
mV
1800
1600
1400
1200
1000
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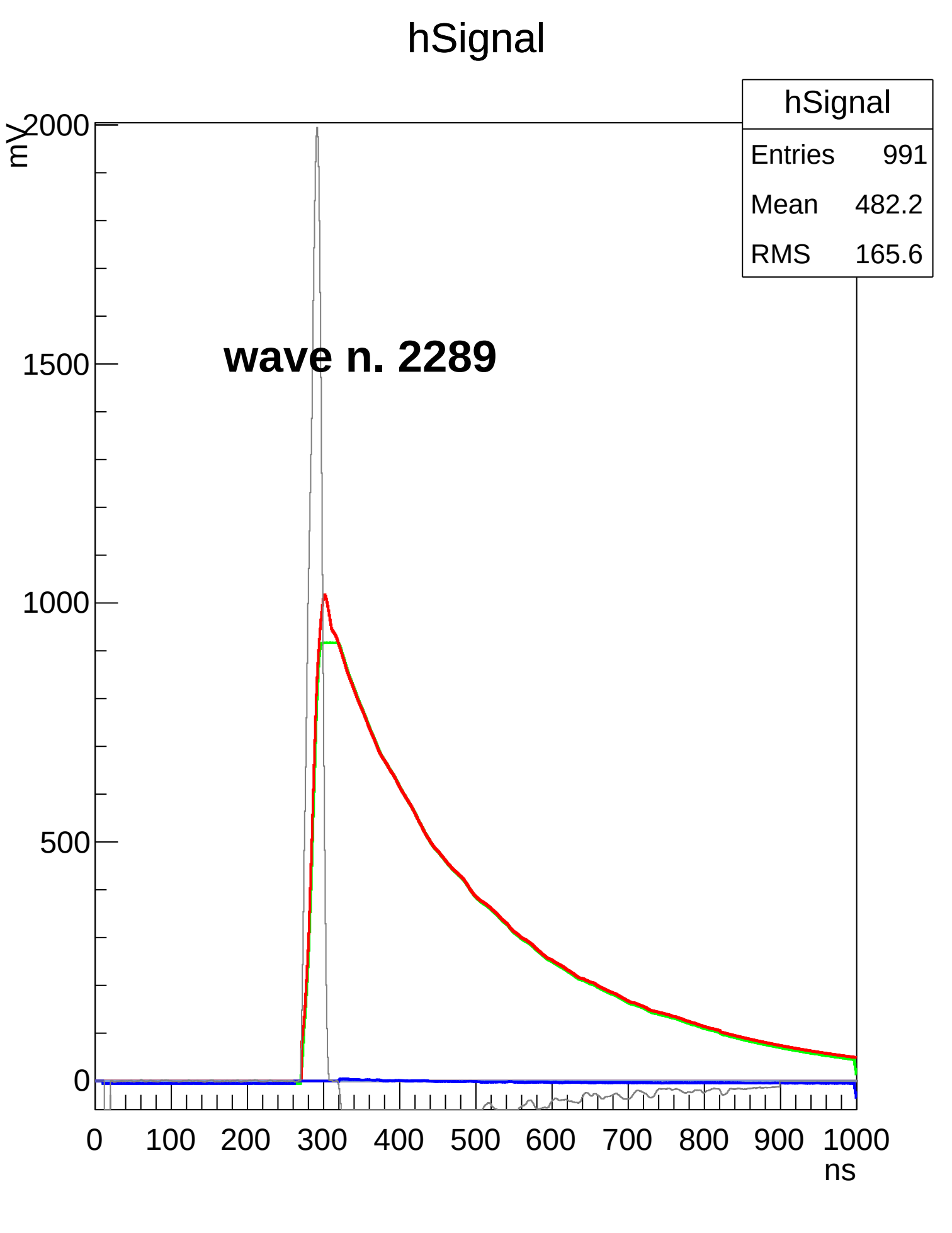
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 482.2
RMS 165.6
wave n. 2289
mV
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1500
1000
500
0
0
100
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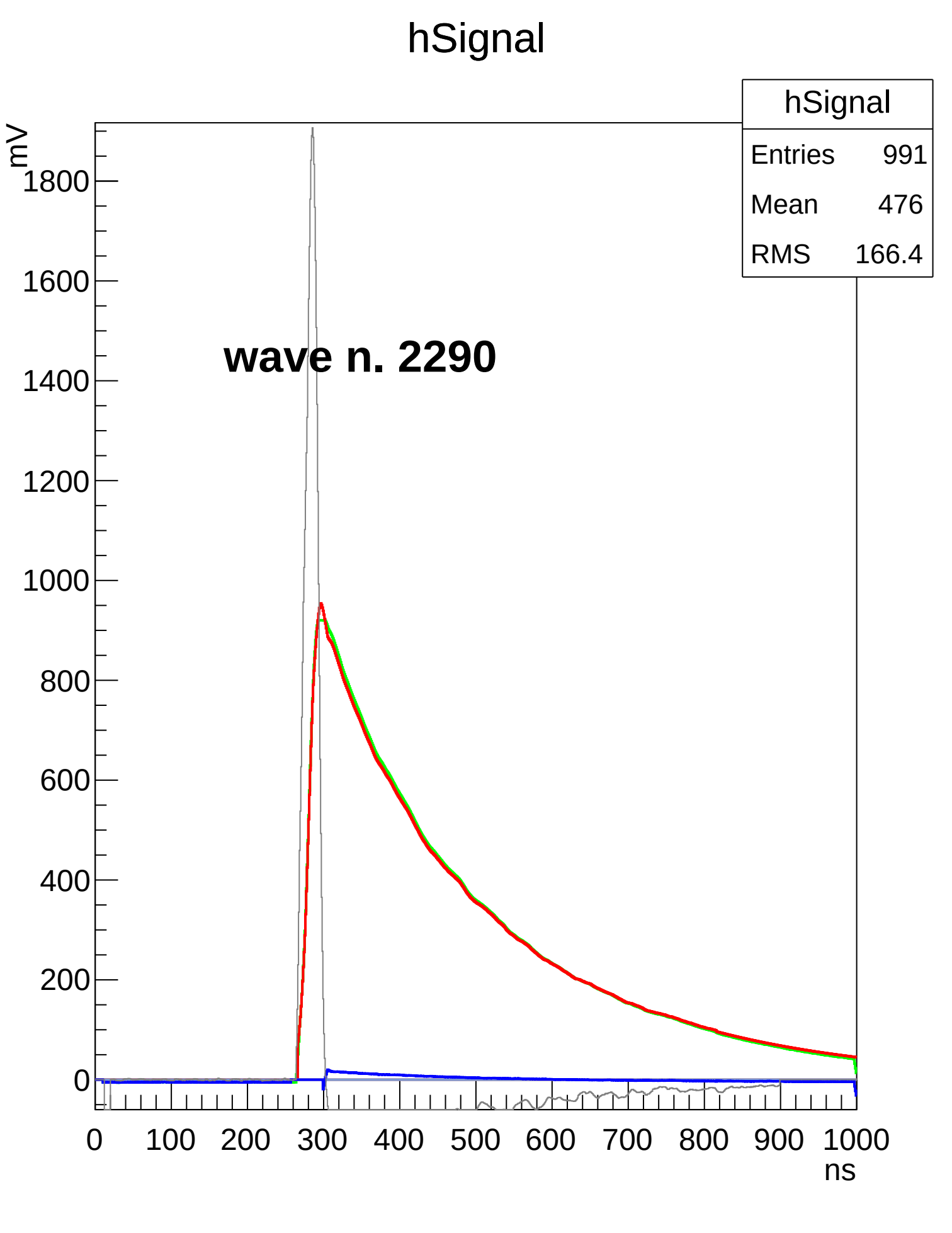
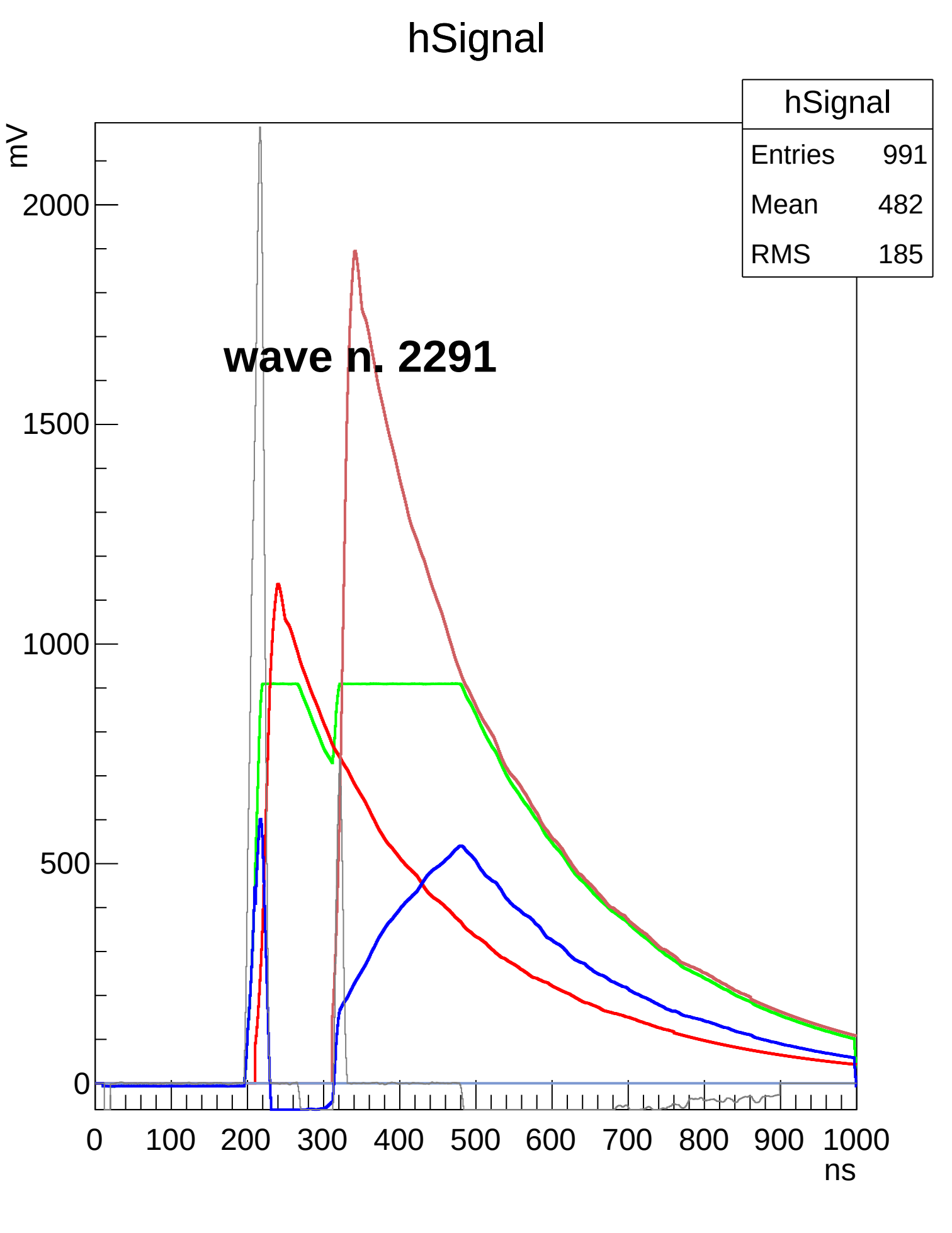
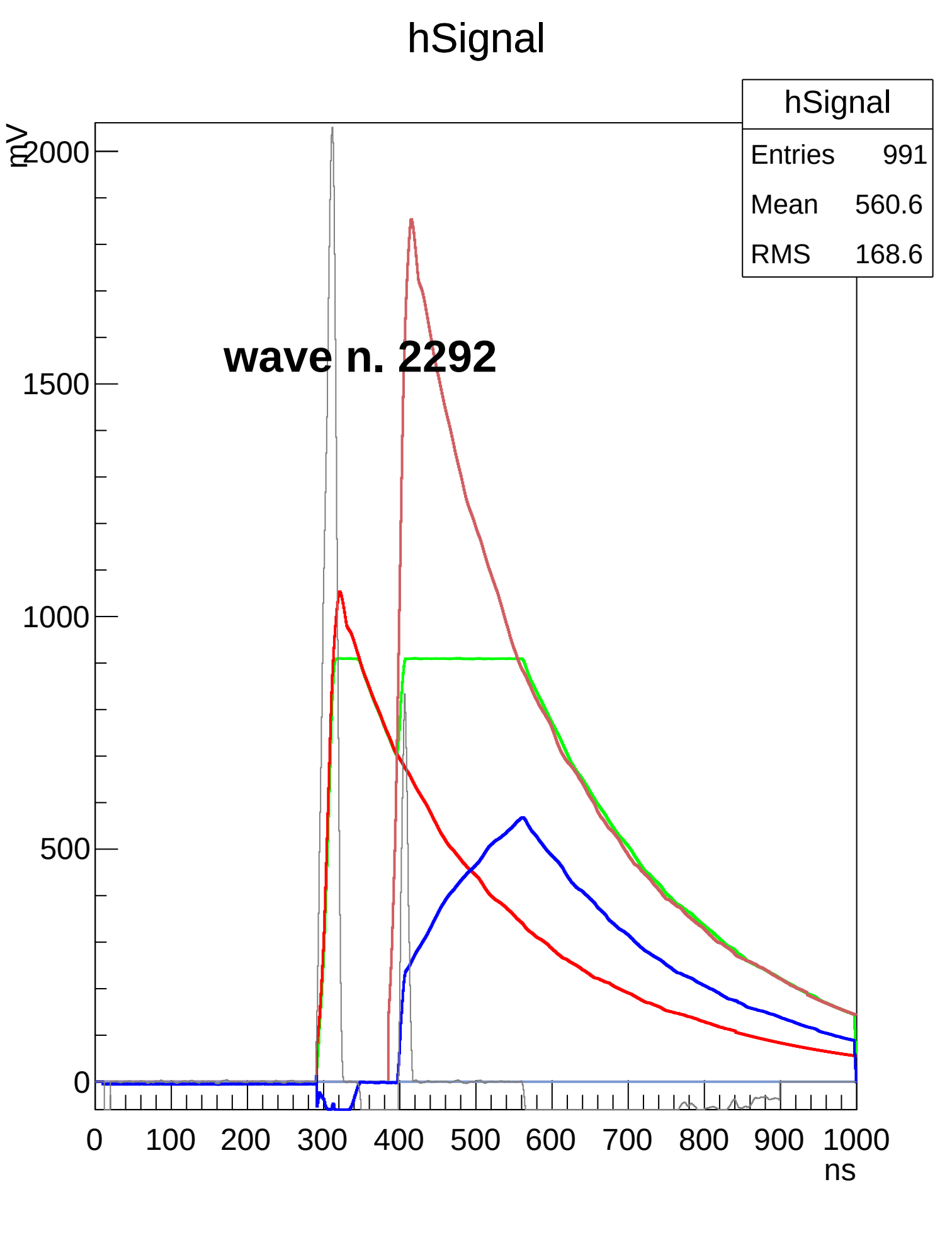
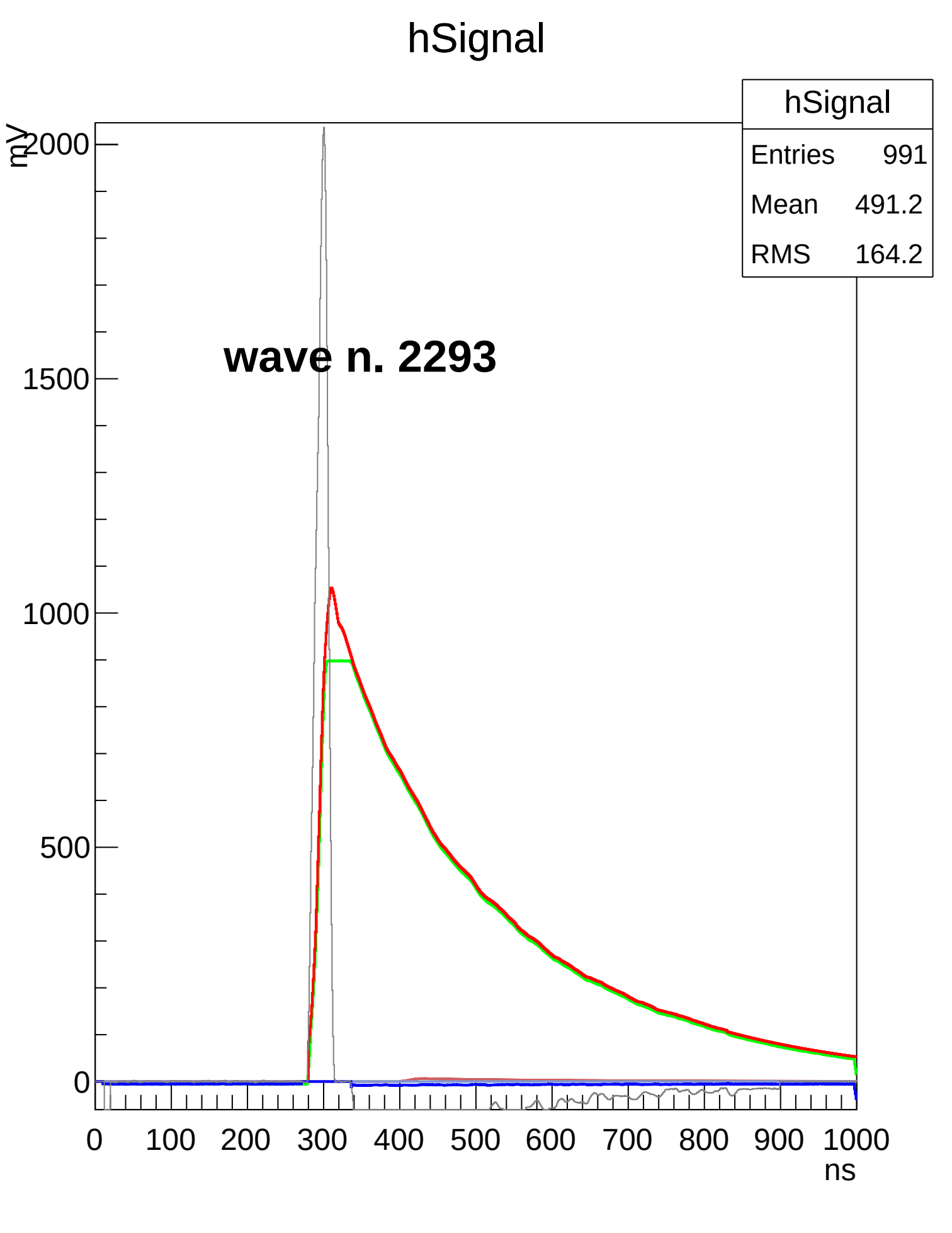
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 476
RMS 166.4
wave n. 2290
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 482
RMS 185
wave n. 2291
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 560.6
RMS 168.6
wave n. 2292
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 491.2
RMS 164.2
wave n. 2293
mV
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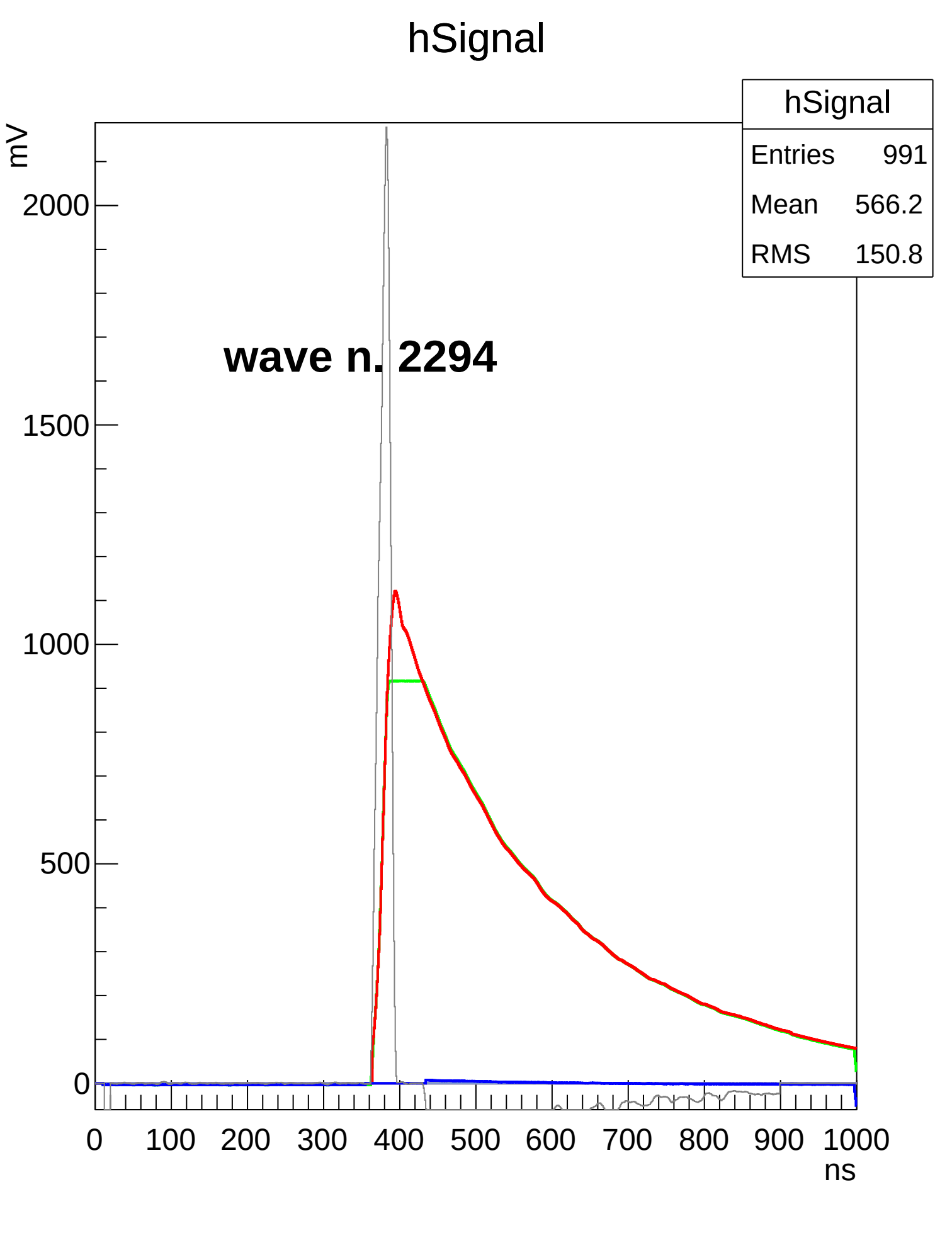
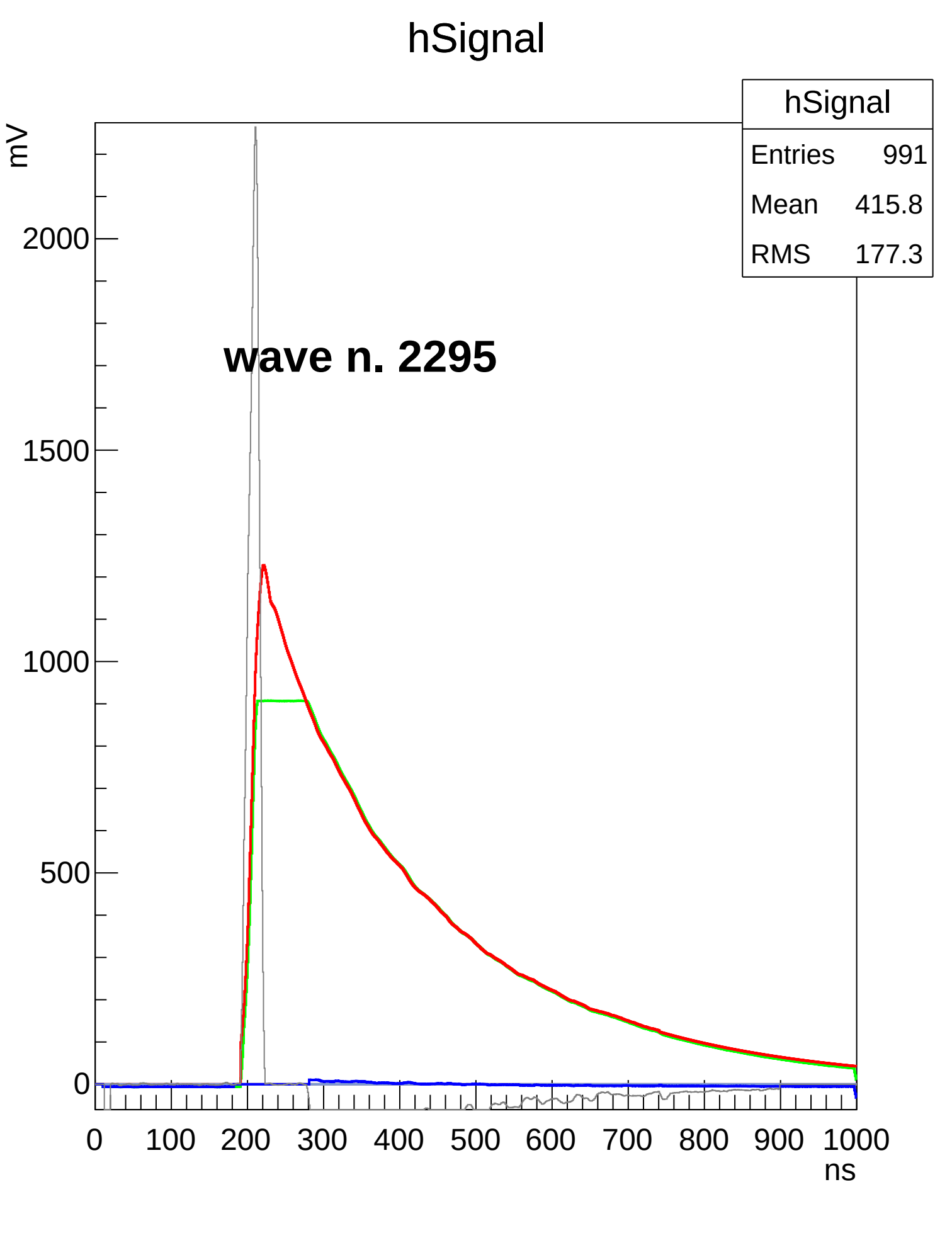
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 566.2
RMS 150.8
wave n. 2294
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 415.8
RMS 177.3
wave n. 2295
mV
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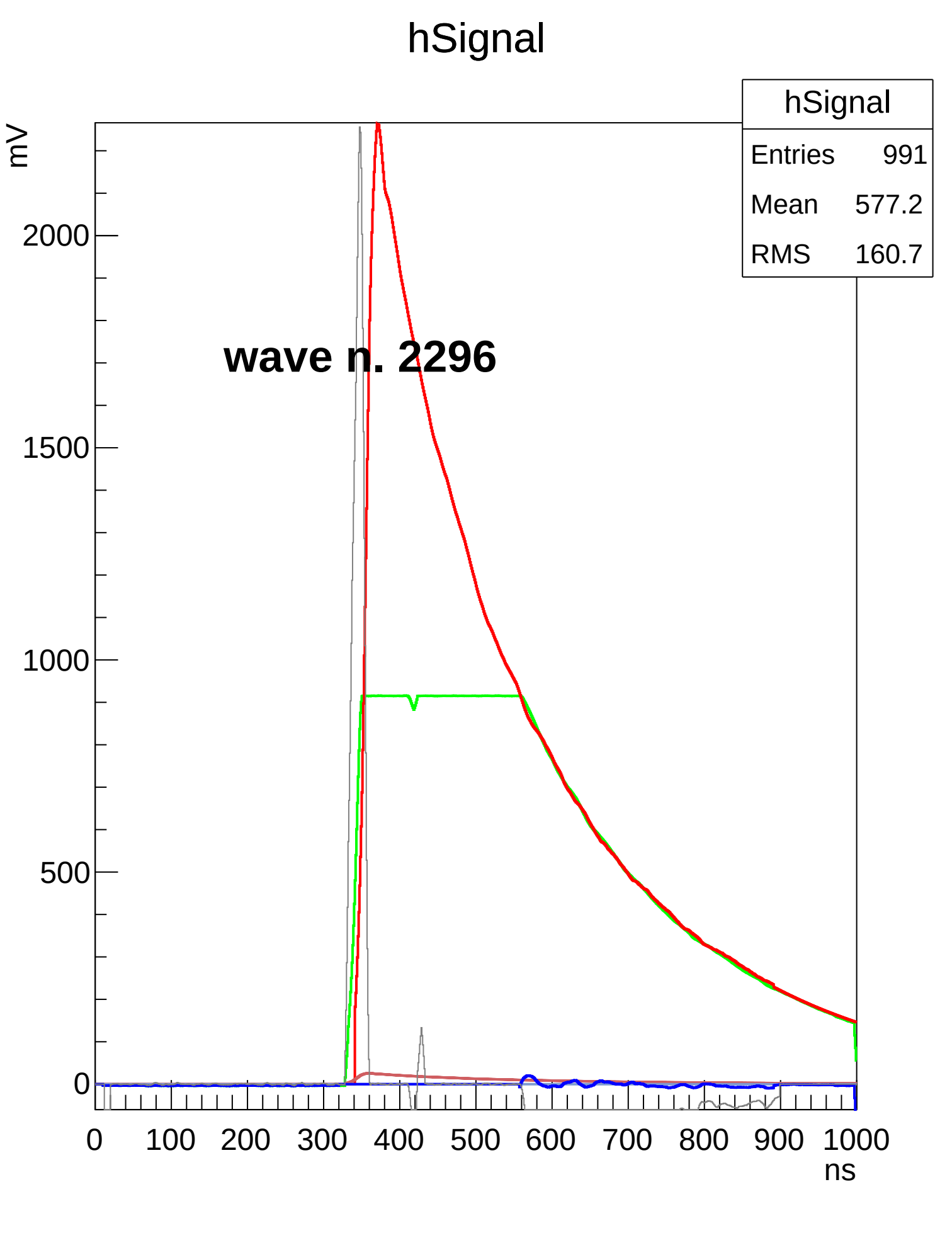
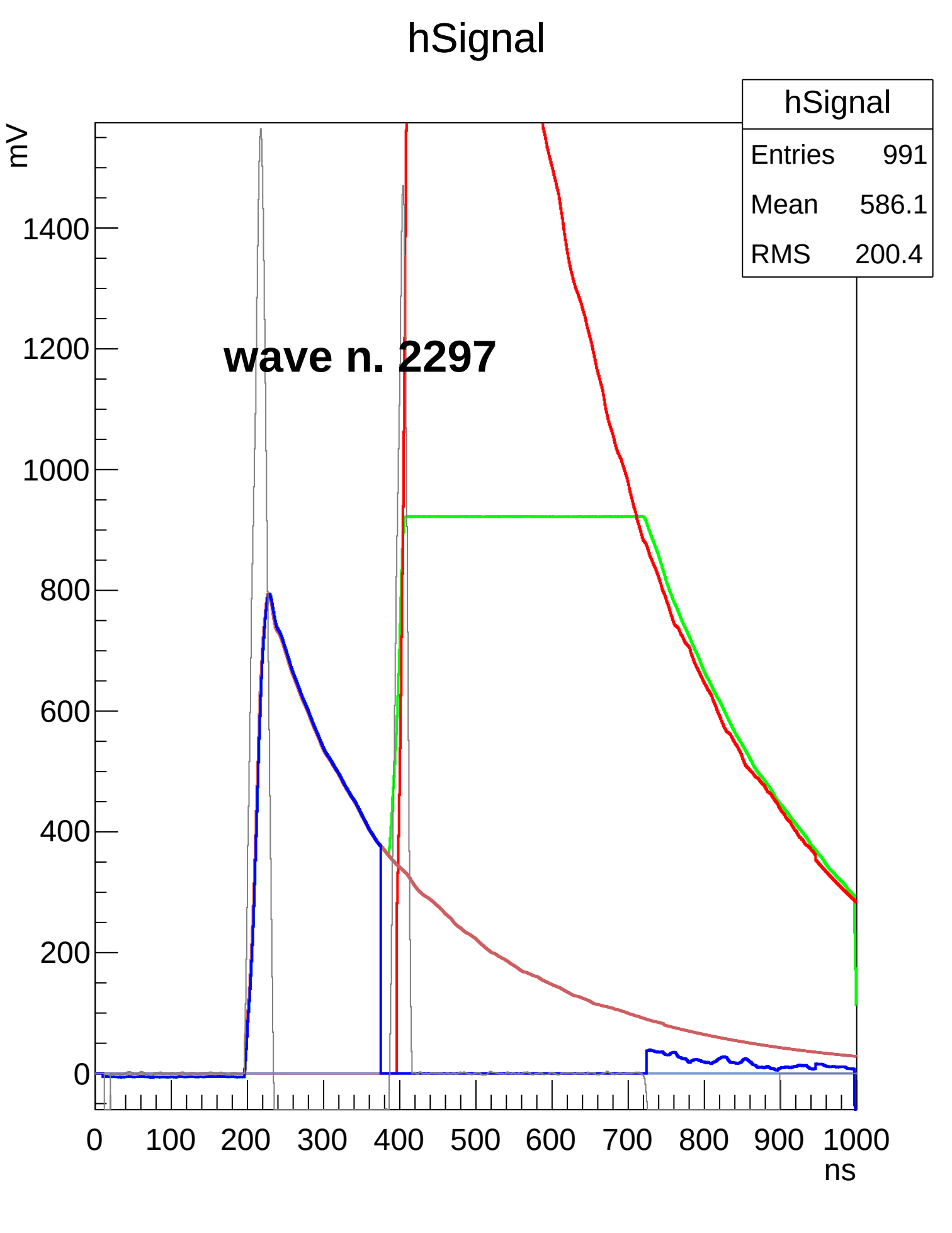
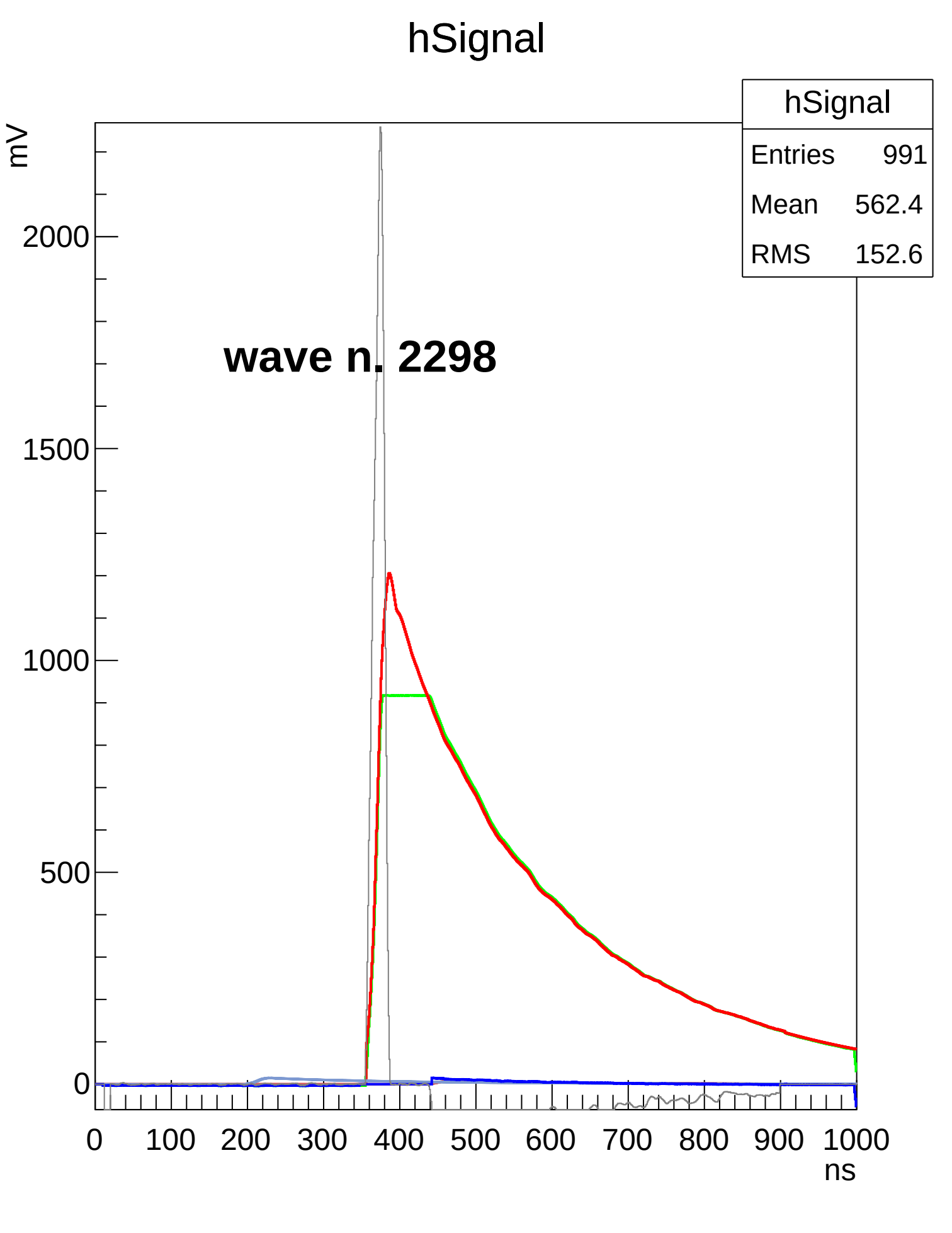
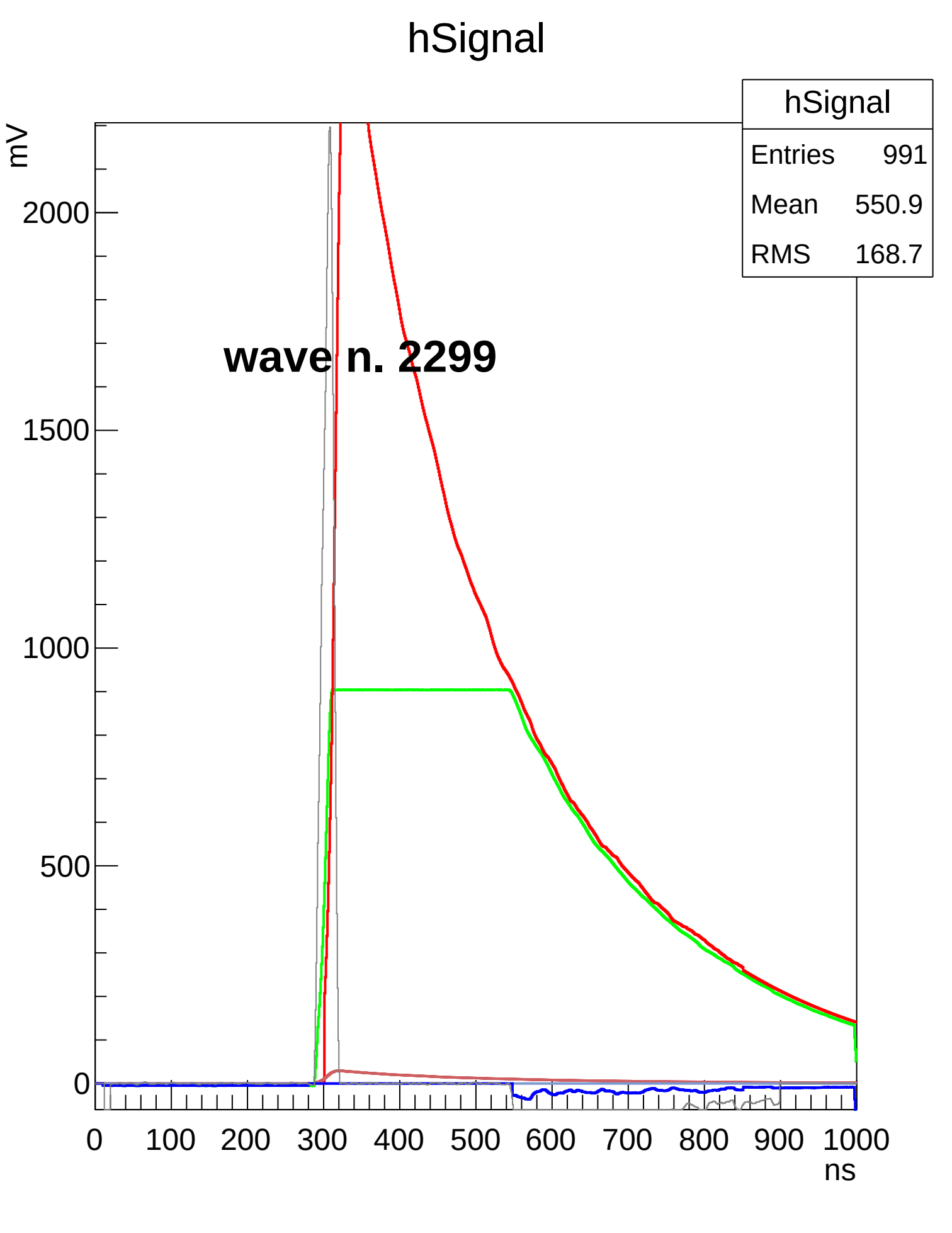
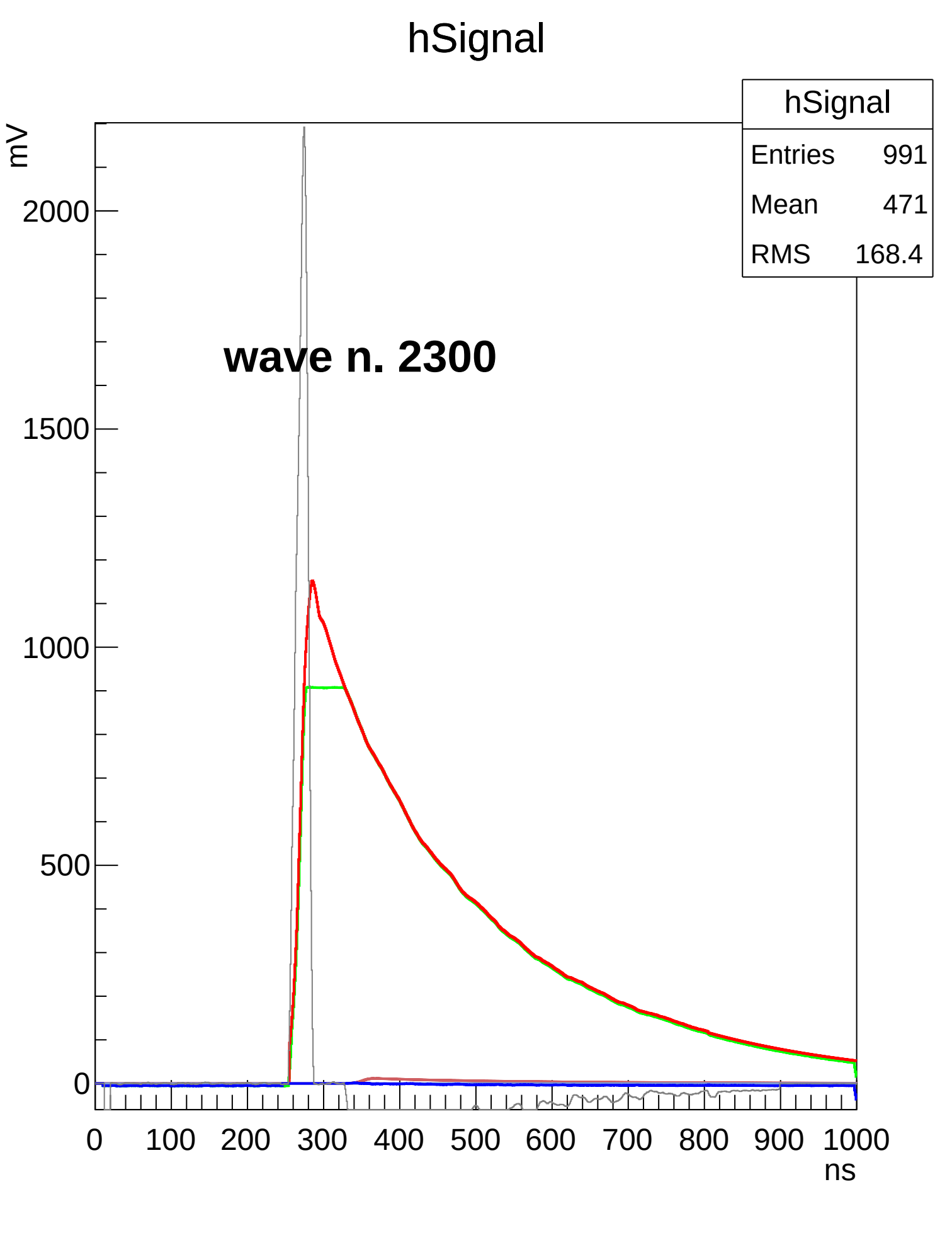
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

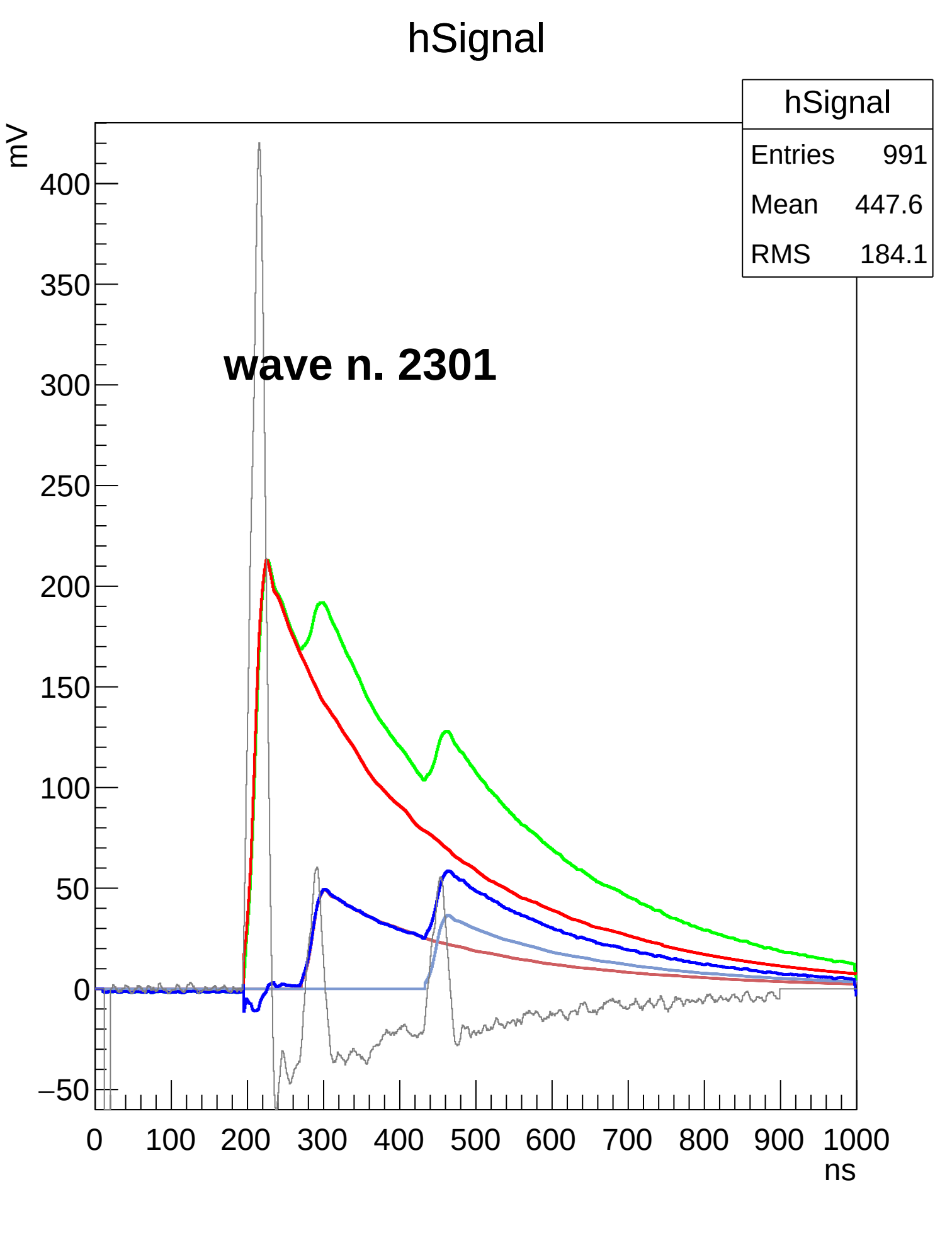

hSignal
hSignal
Entries 991
Mean 577.2
RMS 160.7
wave n. 2296
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

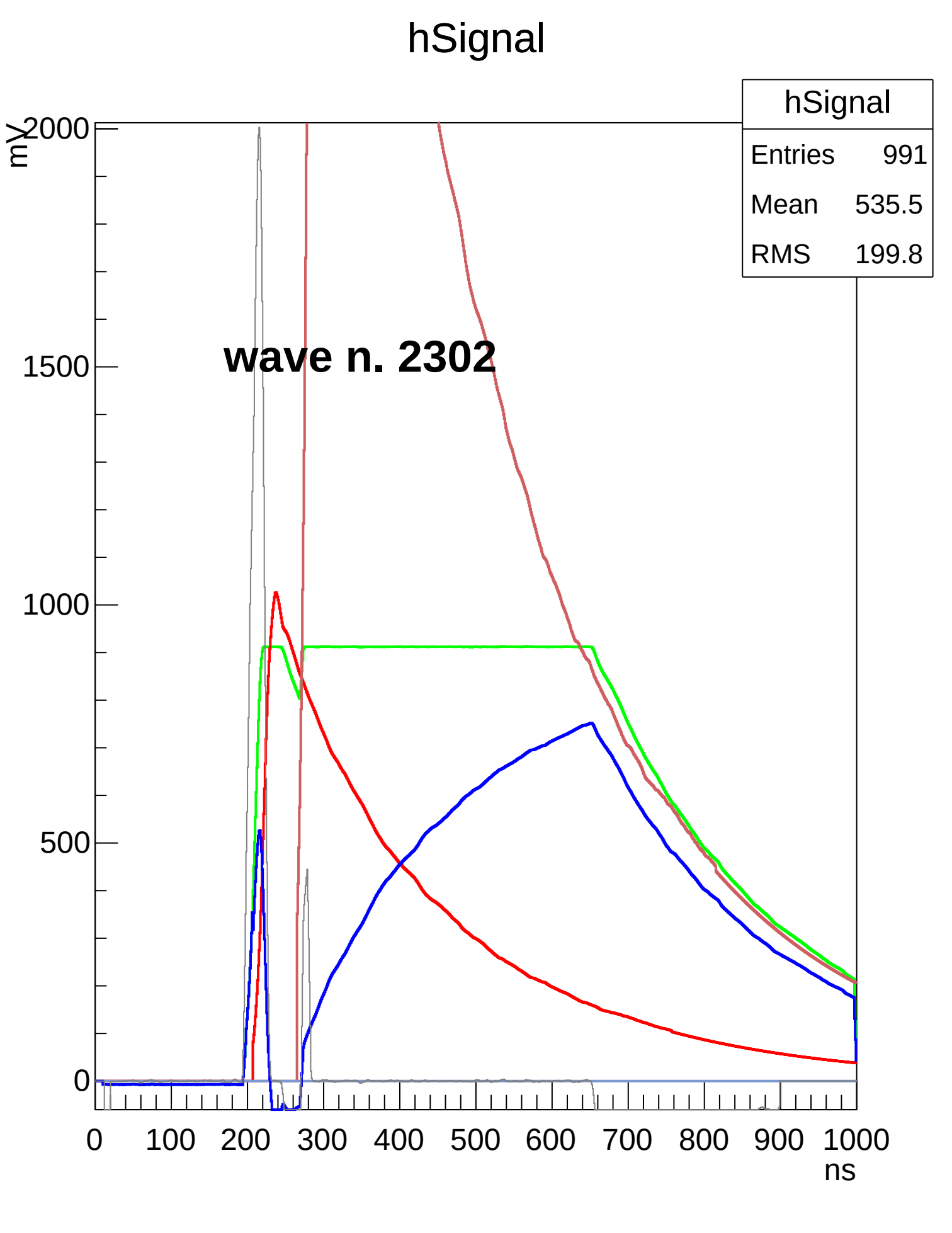

hSignal
hSignal
Entries 991
Mean 586.1
RMS 200.4
wave n. 2297
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

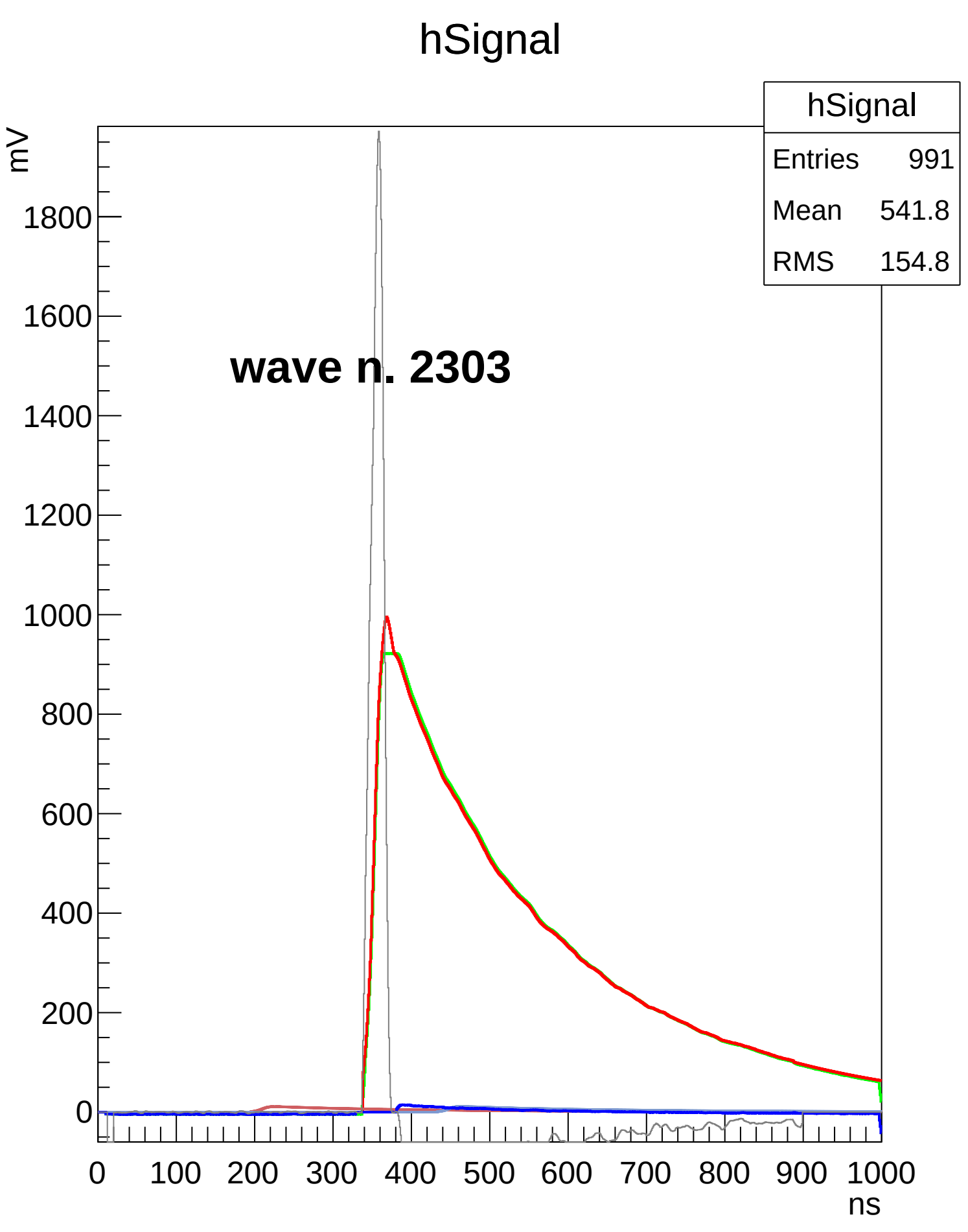

hSignal
hSignal
Entries 991
Mean 562.4
RMS 152.6
wave n. 2298
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

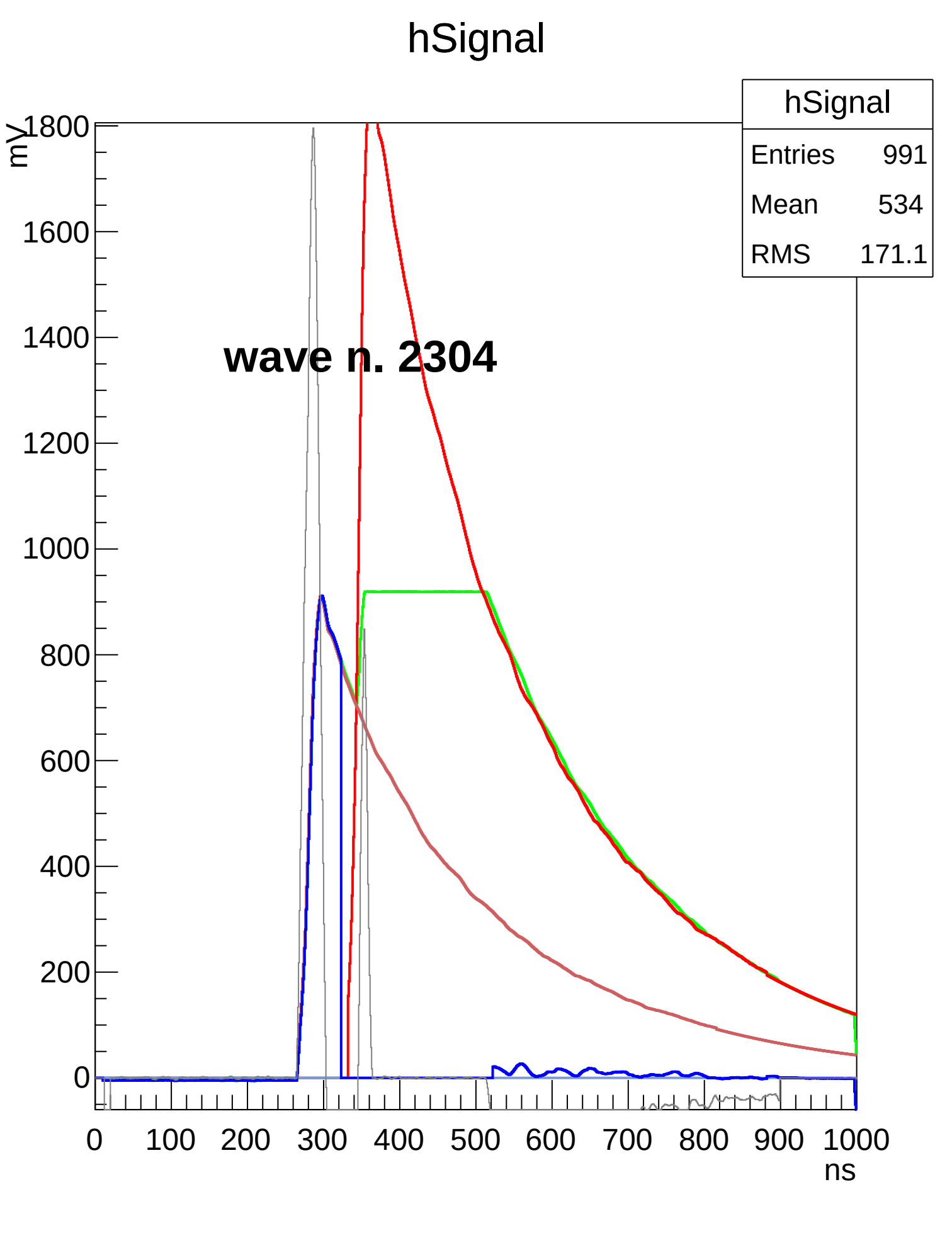

hSignal
hSignal
Entries 991
Mean 550.9
RMS 168.7
wave n. 2299
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

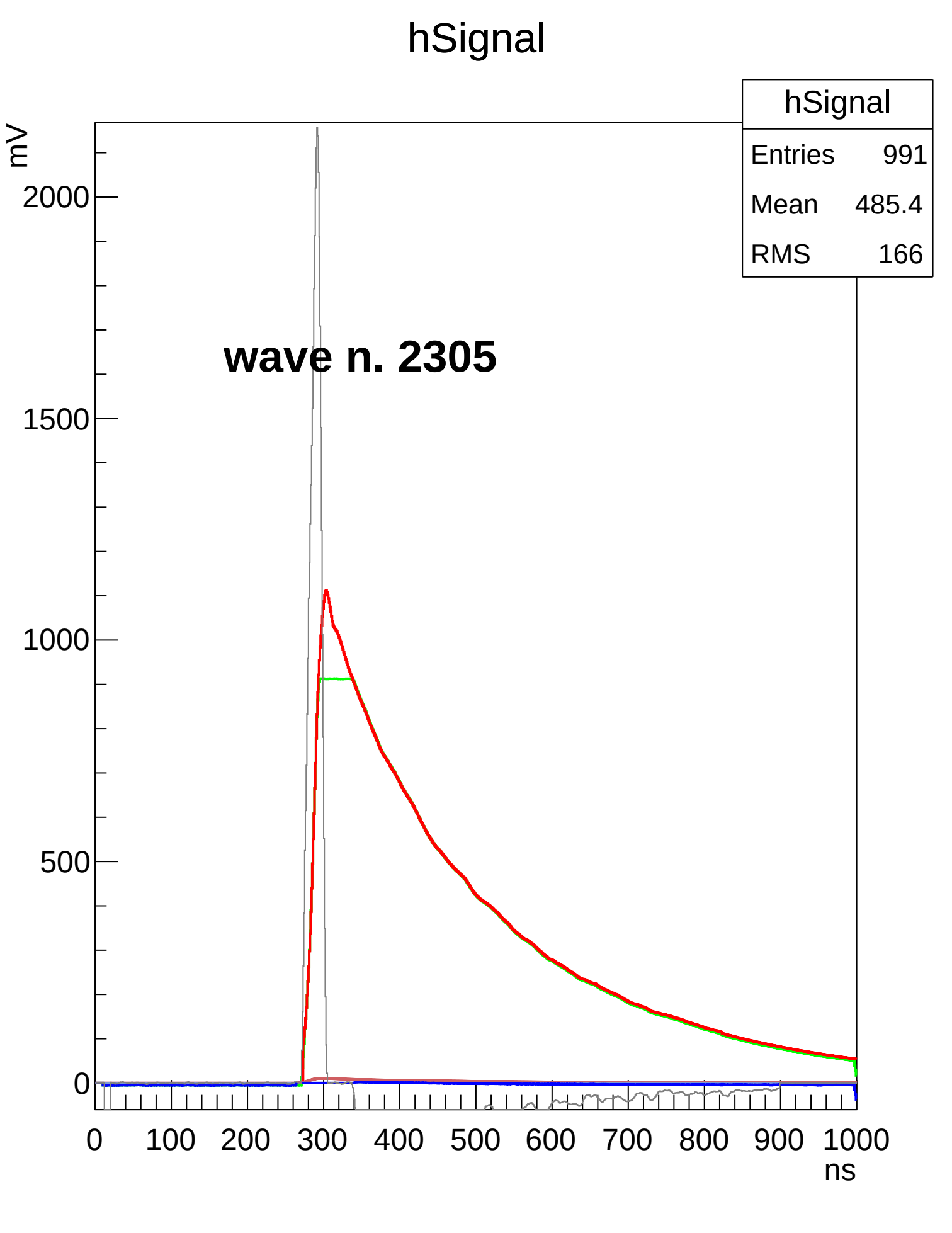

hSignal
hSignal
Entries 991
Mean 471
RMS 168.4
wave n. 2300
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

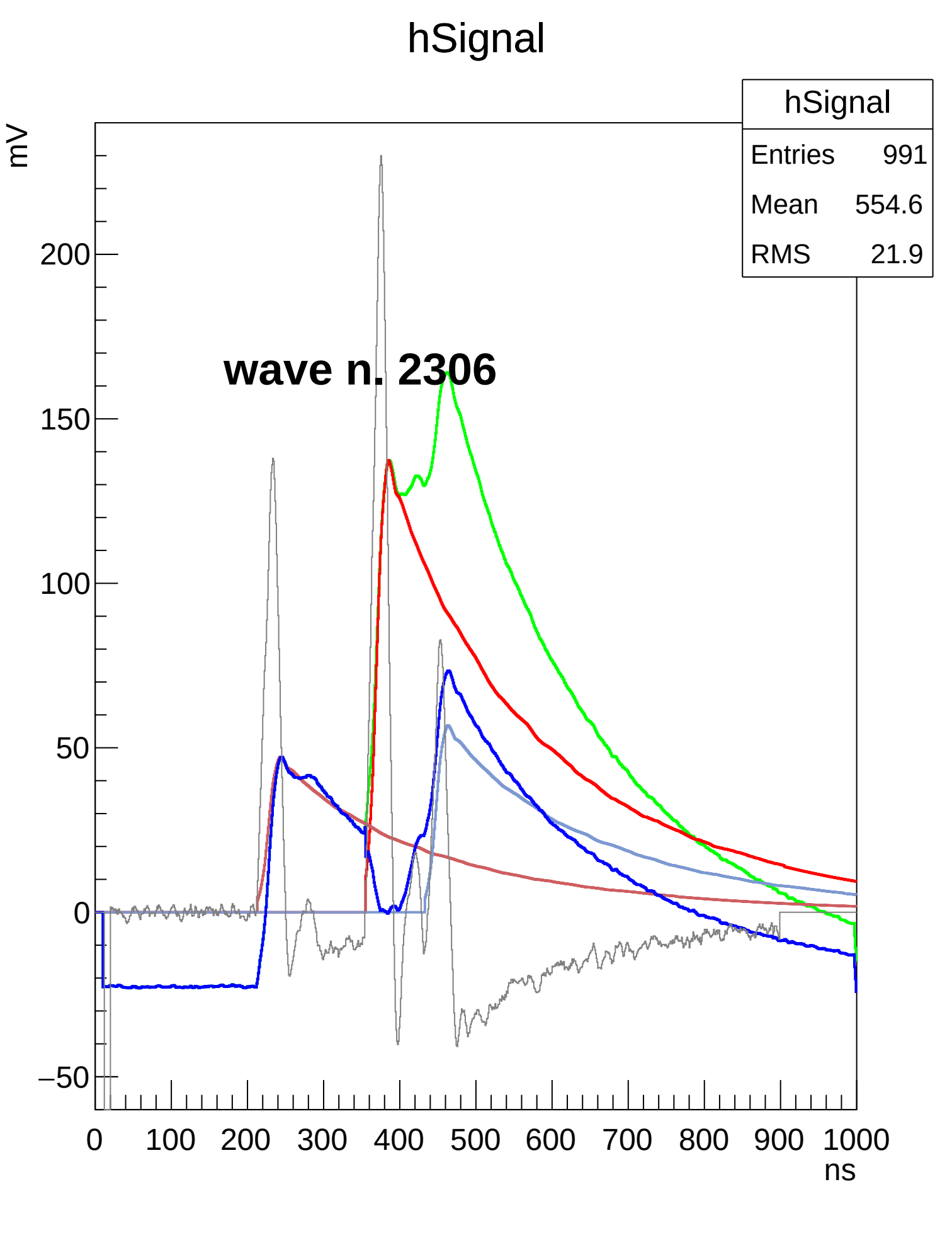

hSignal
hSignal
Entries 991
Mean 447.6
RMS 184.1
wave n. 2301
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

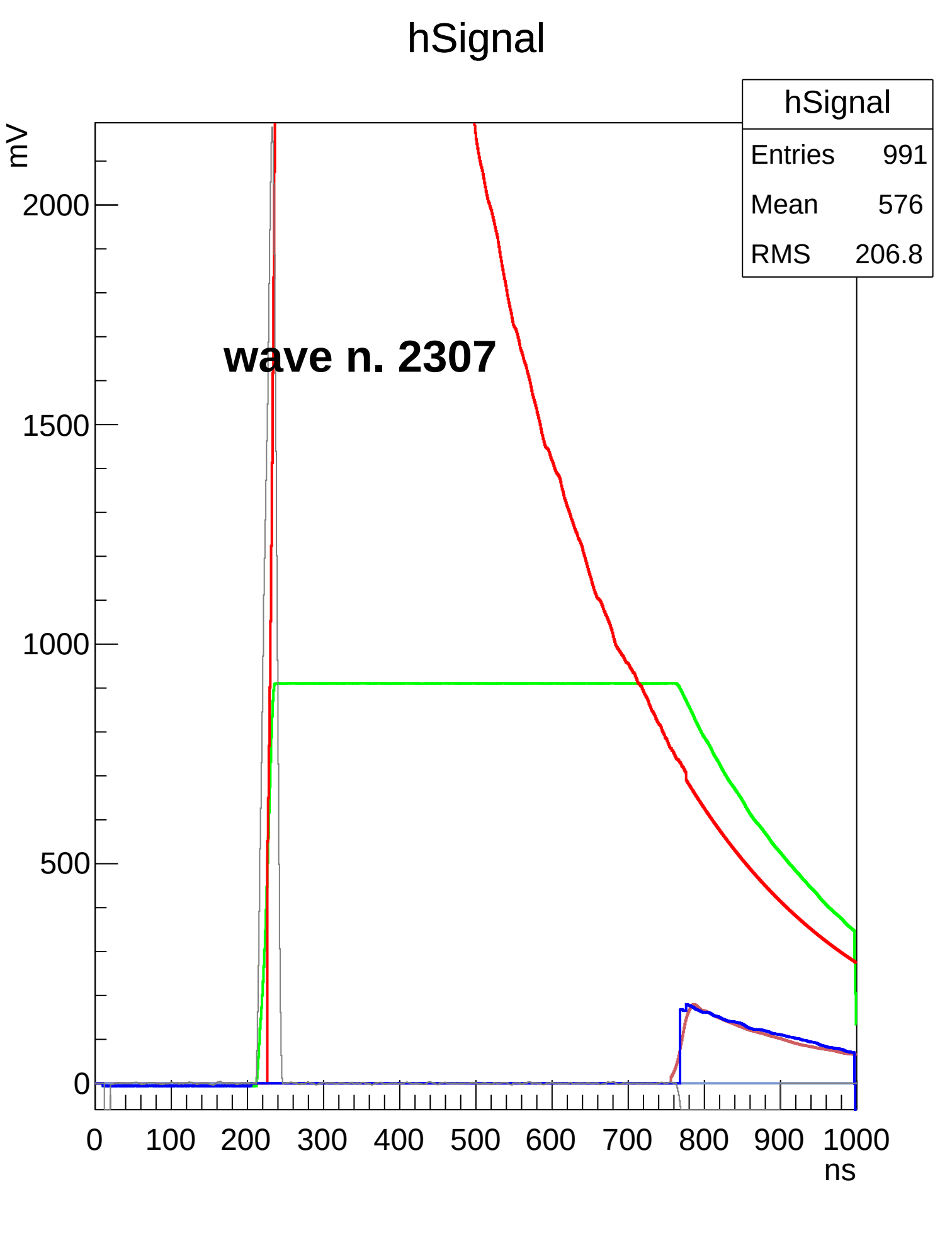

hSignal
hSignal
Entries 991
Mean 535.5
RMS 199.8
wave n. 2302
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

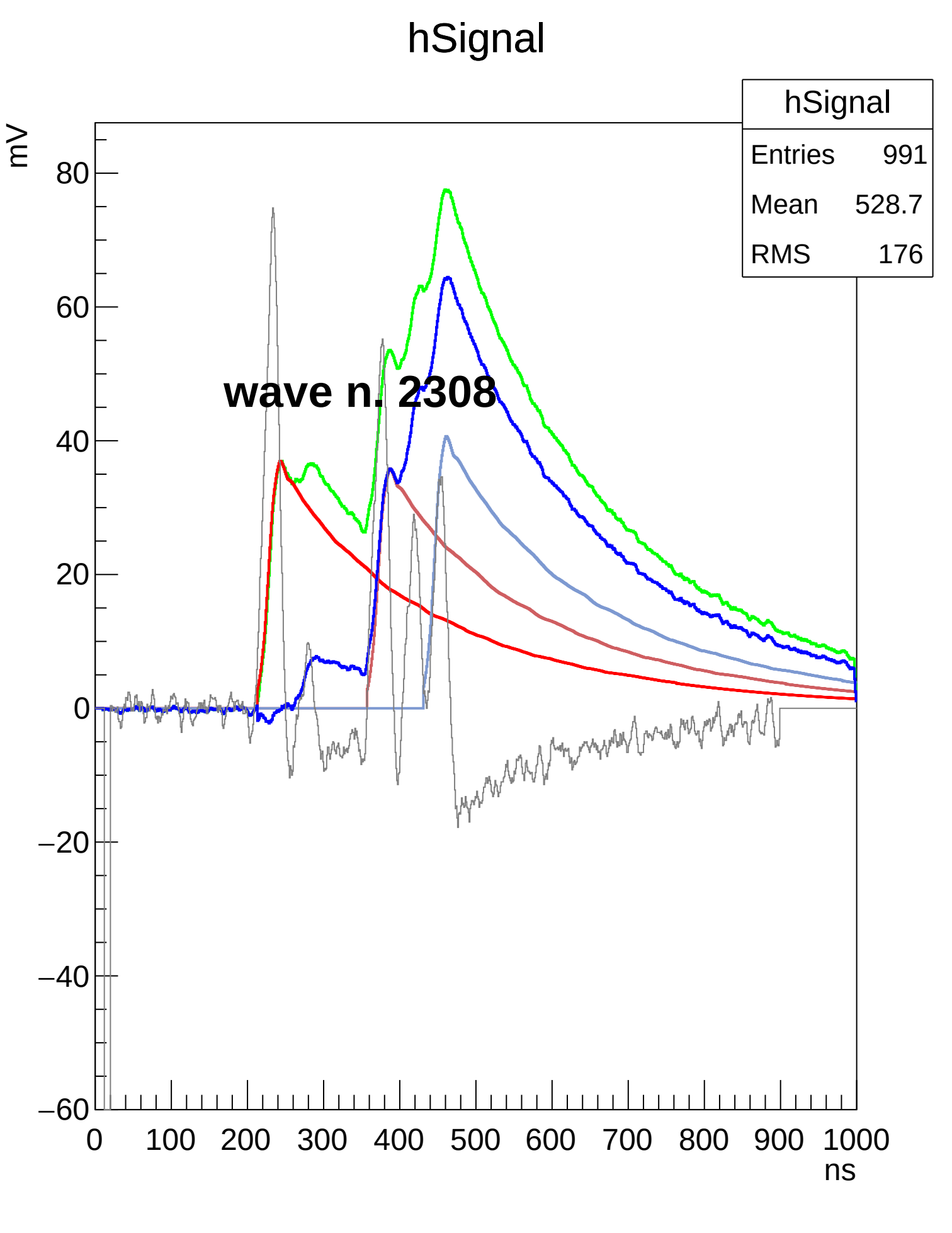

hSignal
hSignal
Entries 991
Mean 541.8
RMS 154.8
wave n. 2303
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

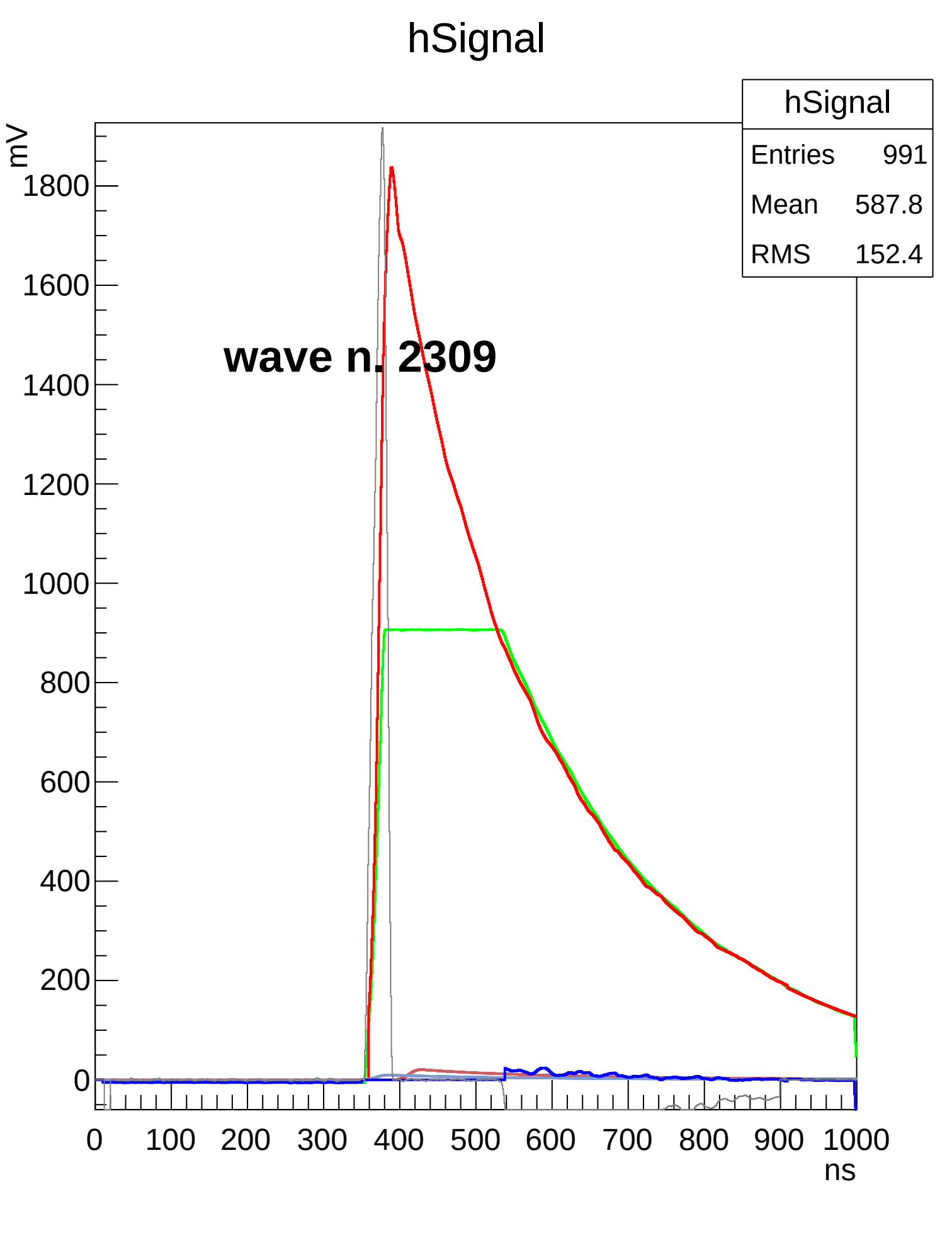

hSignal
hSignal
Entries 991
Mean 534
RMS 171.1
wave n. 2304
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

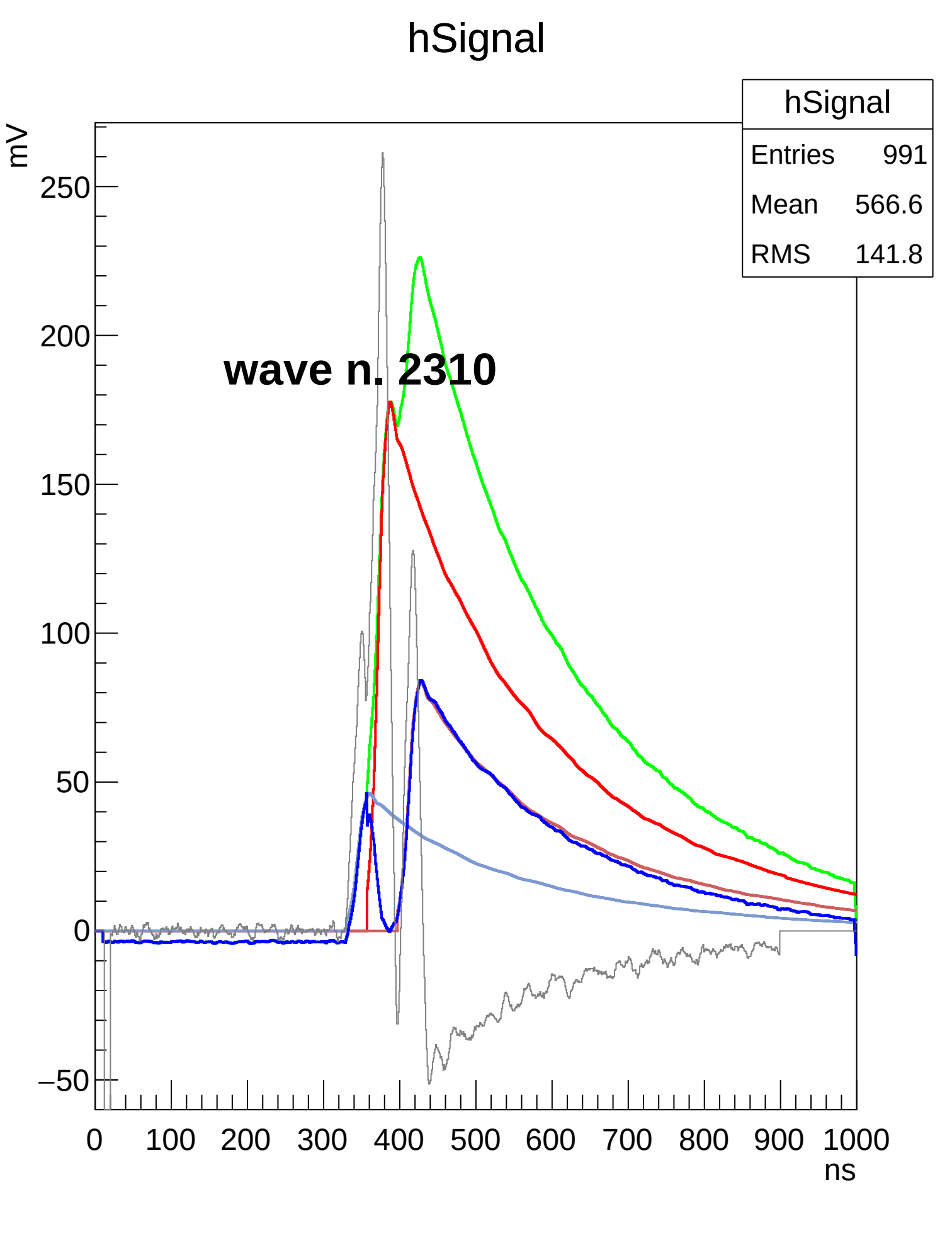

hSignal
hSignal
Entries 991
Mean 485.4
RMS 166
wave n. 2305
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

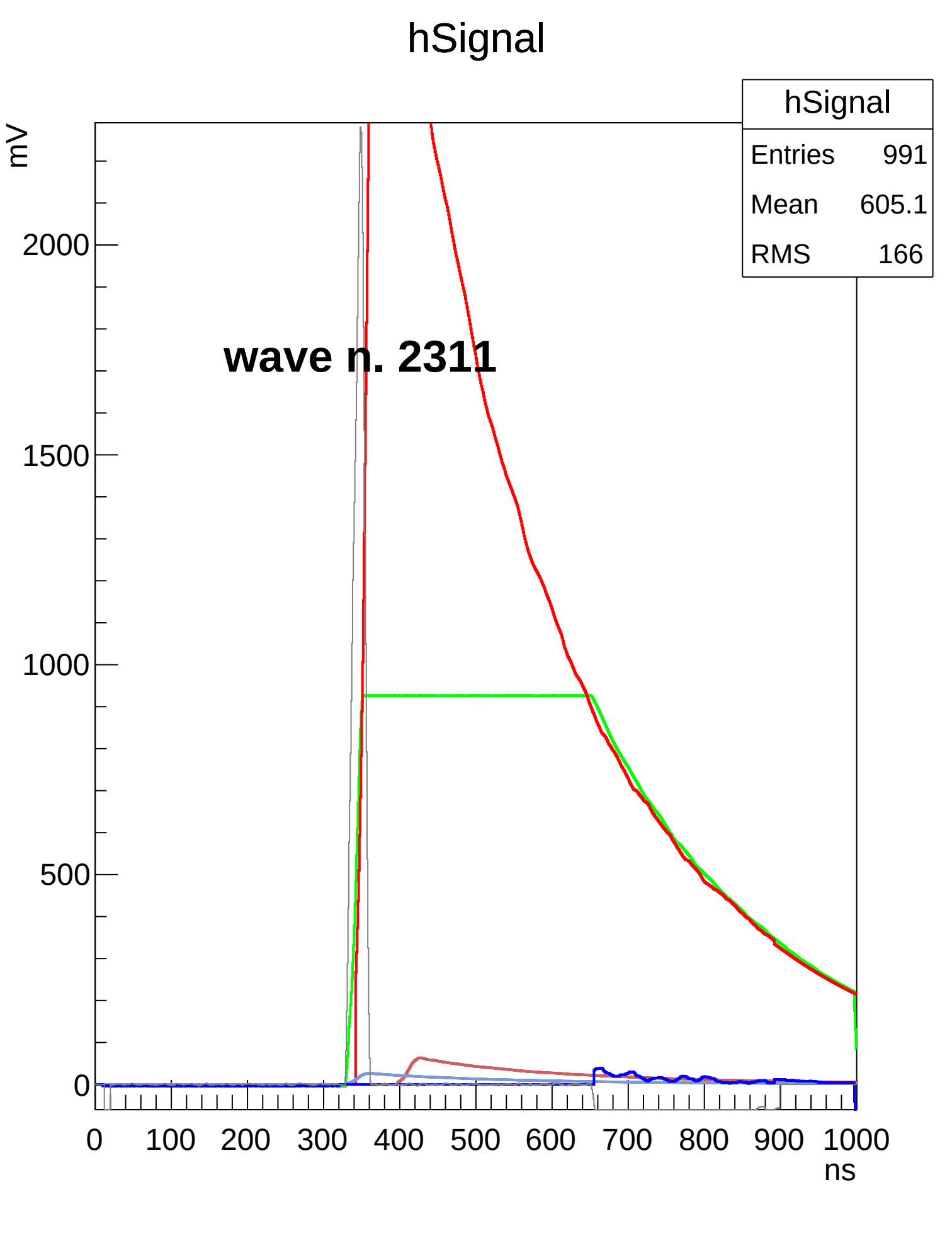

hSignal
hSignal
Entries 991
Mean 554.6
RMS 21.9
wave n. 2306
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

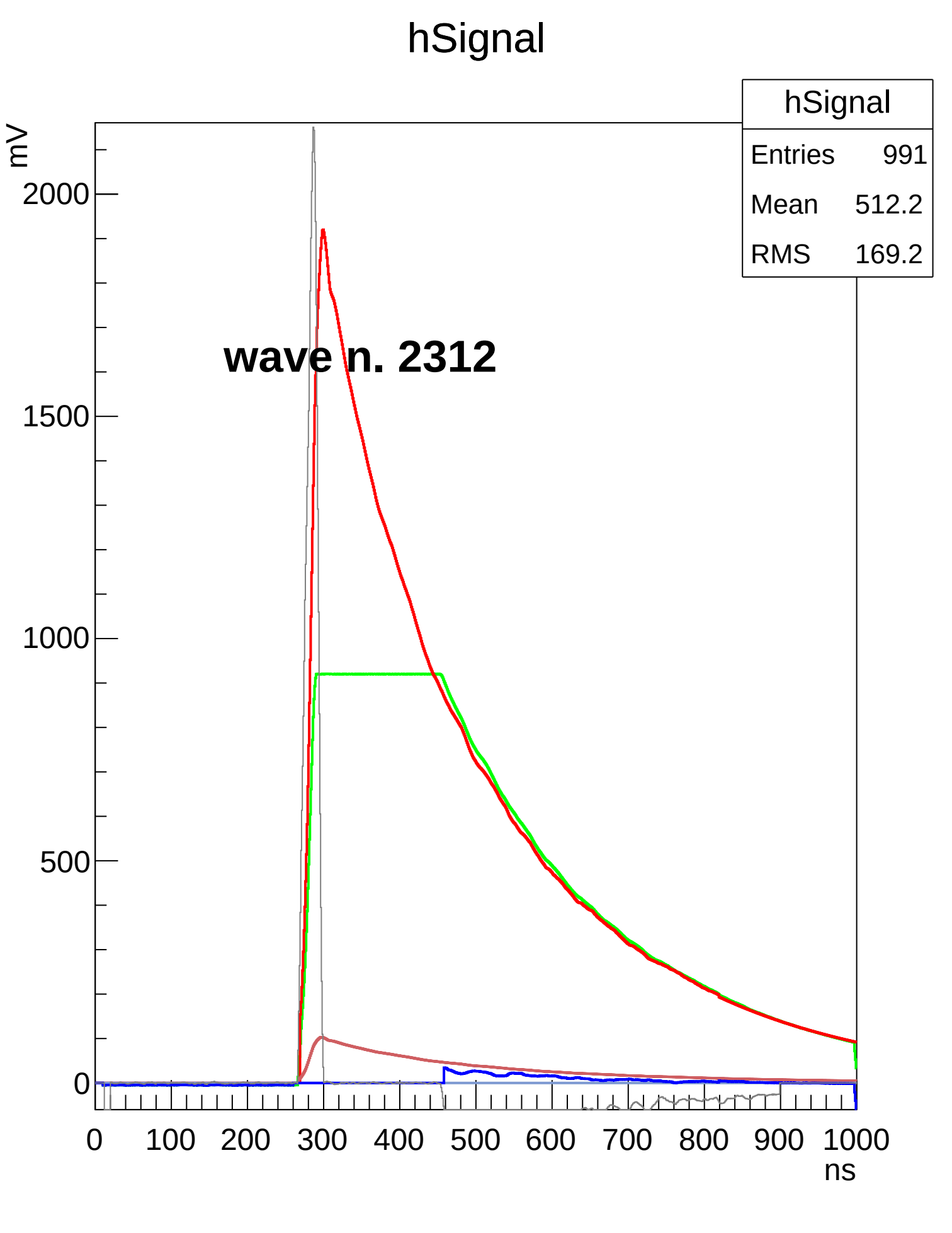

hSignal
hSignal
Entries 991
Mean 576
RMS 206.8
wave n. 2307
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 528.7
RMS 176
wave n. 2308
mV
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 587.8
RMS 152.4
wave n. 2309
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 566.6
RMS 141.8
wave n. 2310
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 605.1
RMS 166
wave n. 2311
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.2
RMS 169.2
wave n. 2312
mV
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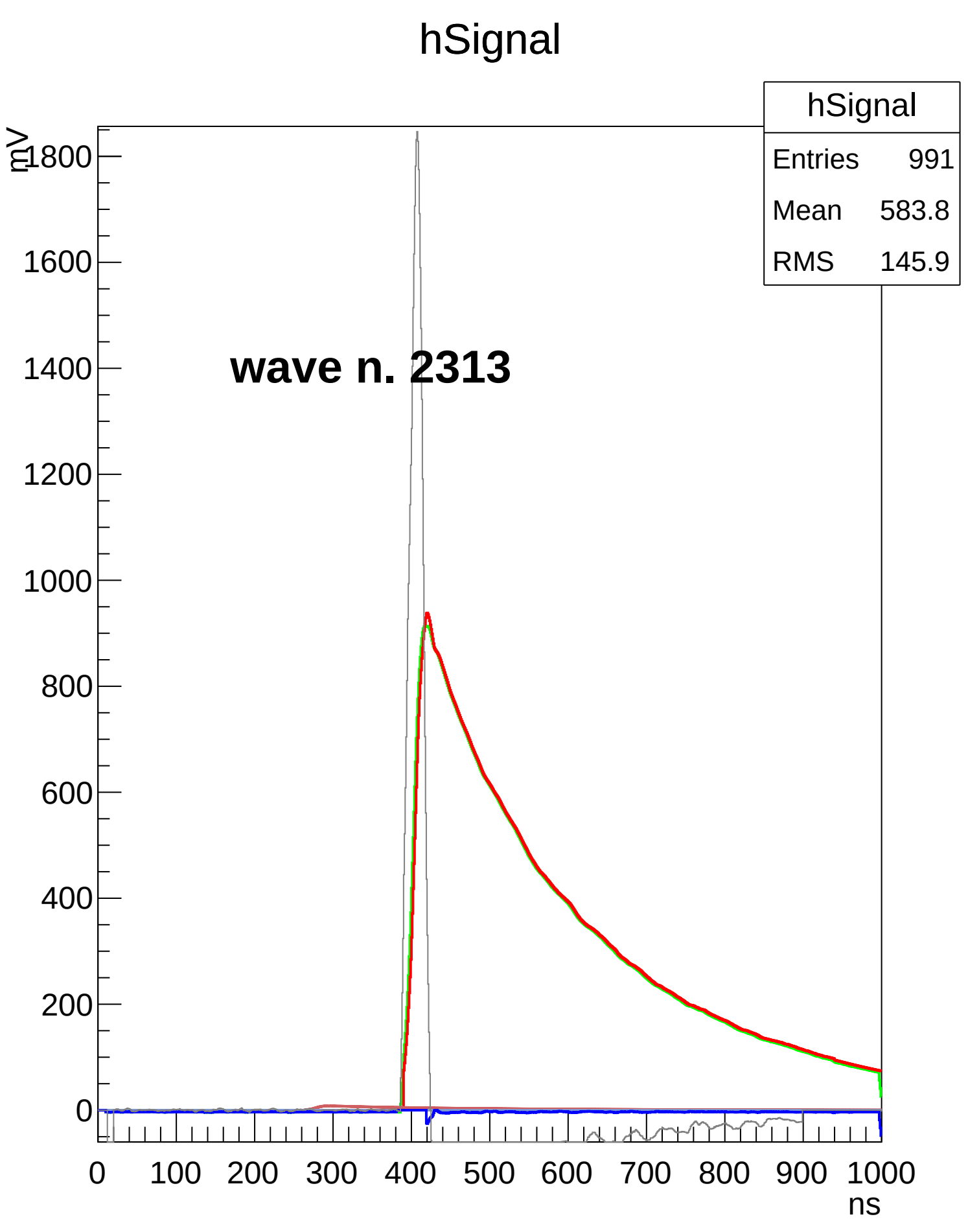
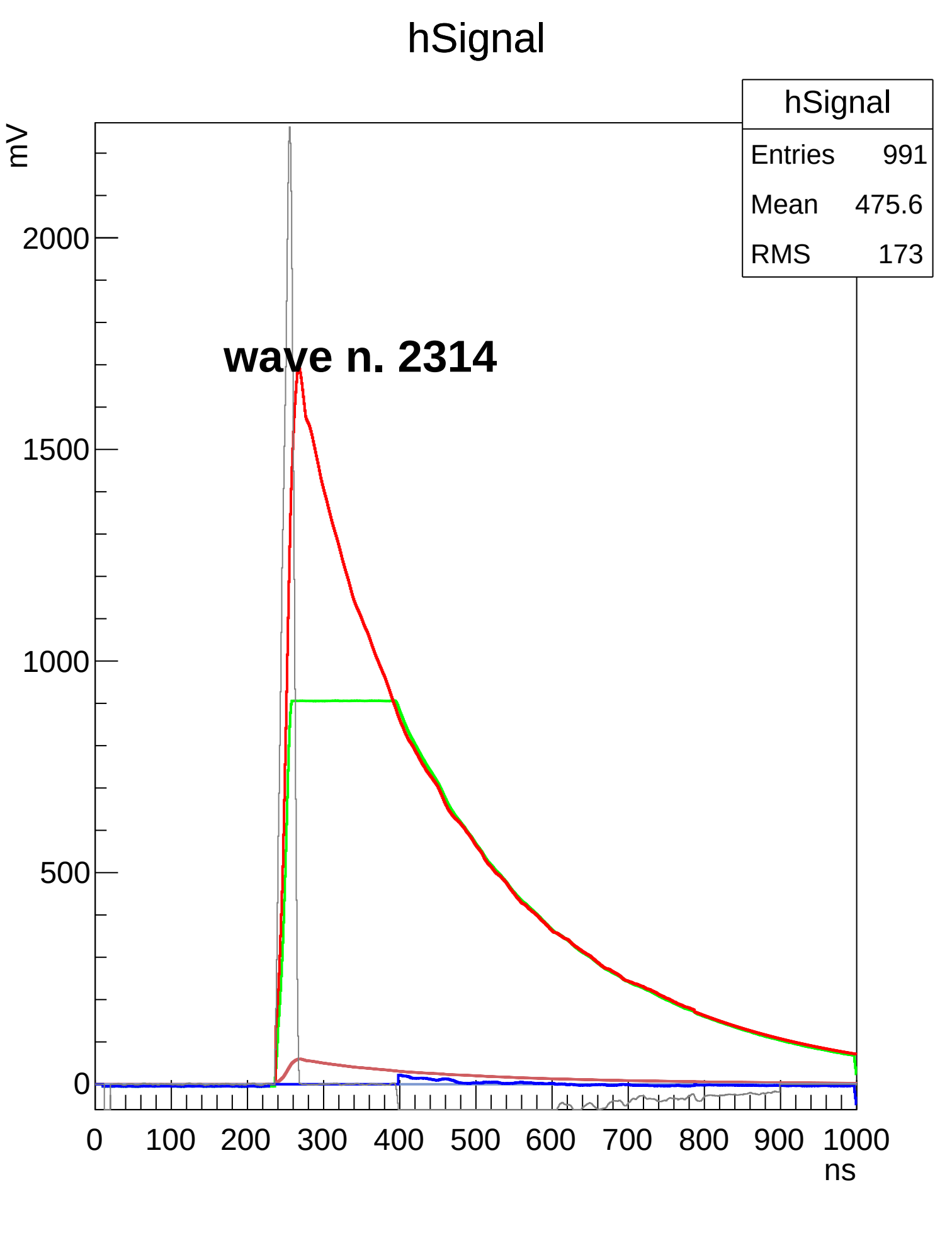
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 583.8
RMS 145.9
wave n. 2313
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 475.6
RMS 173
wave n. 2314
mV
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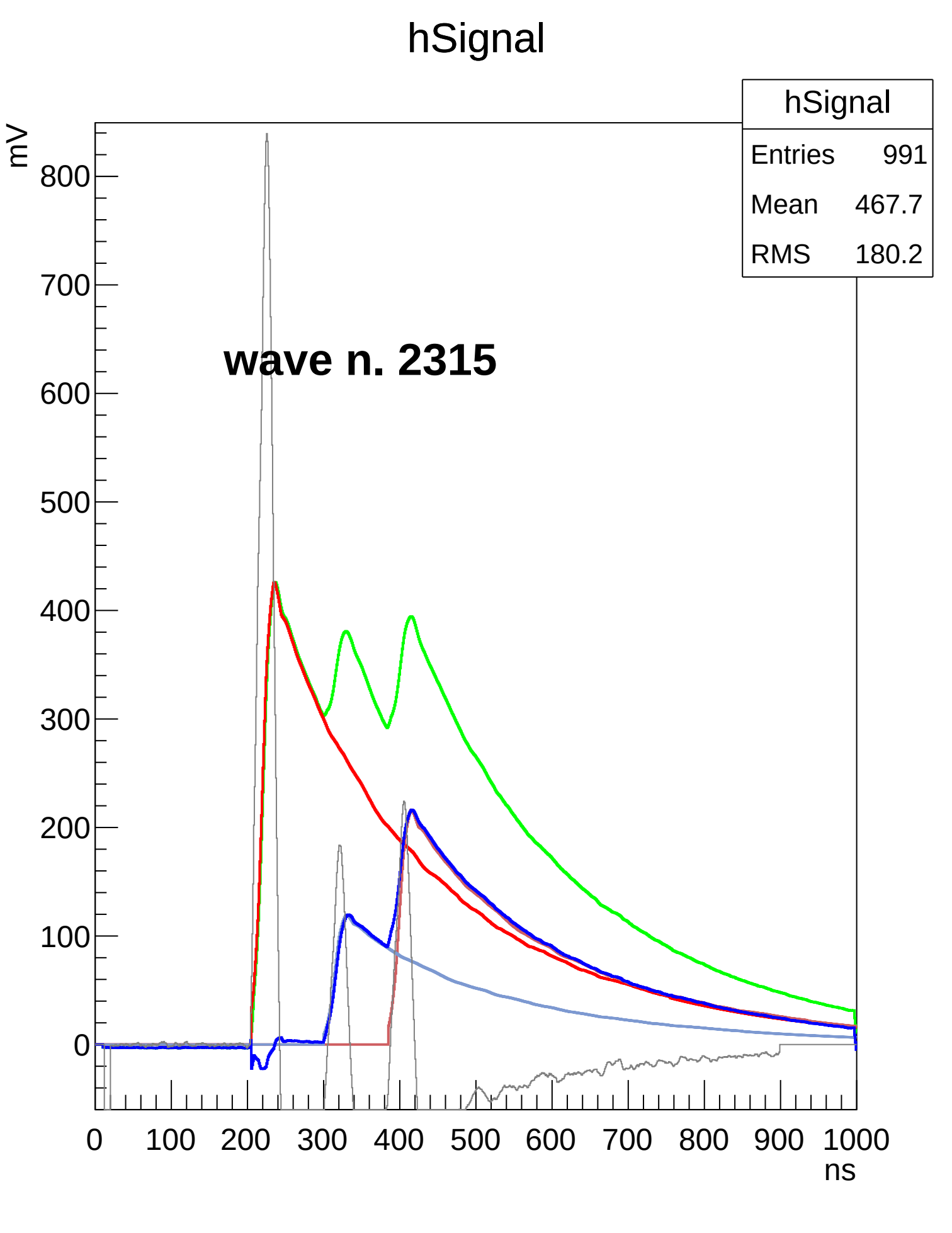
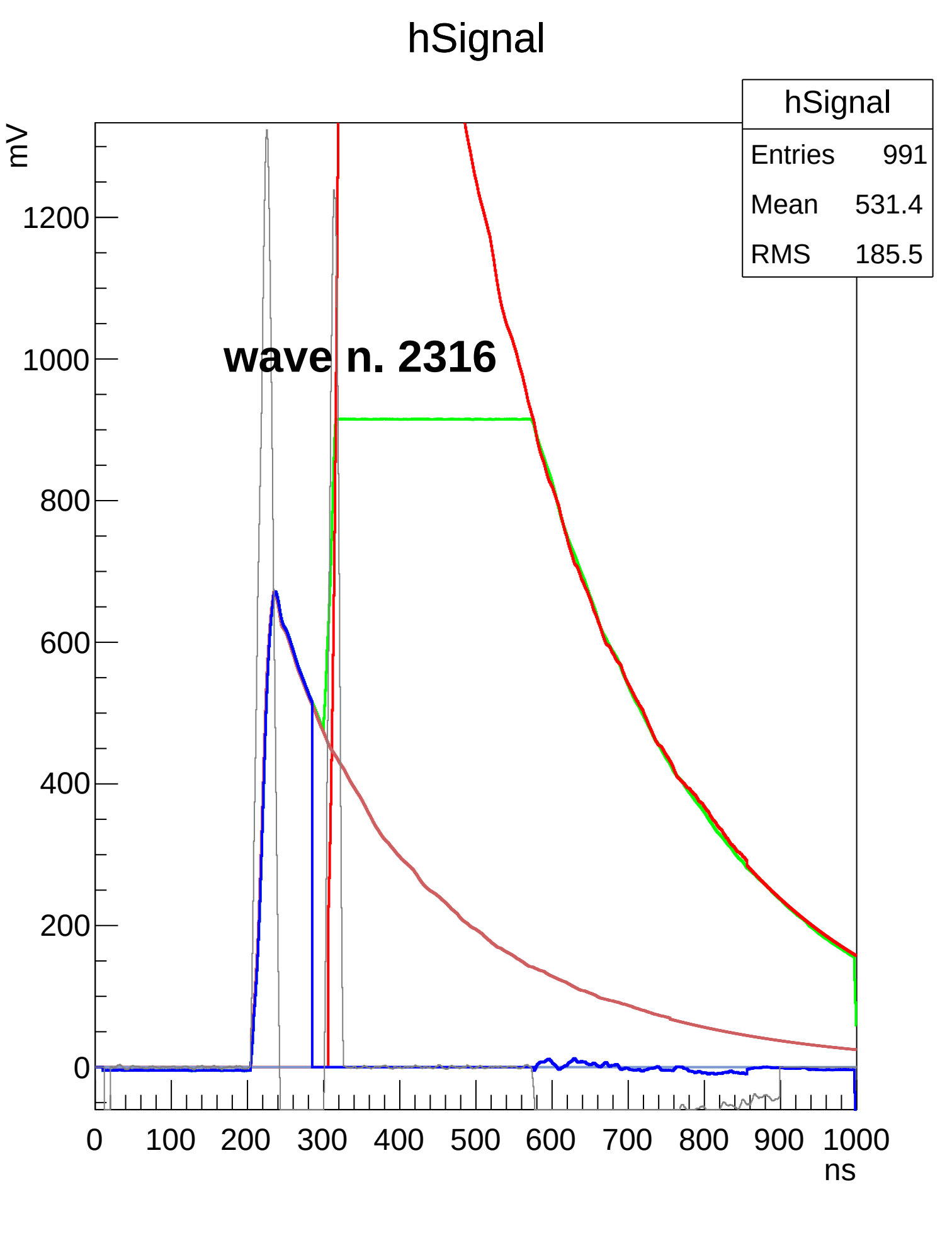
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 467.7
RMS 180.2
wave n. 2315
mV
800
700
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 531.4
RMS 185.5
wave n. 2316
mV
1200
1000
800
600
400
200
0
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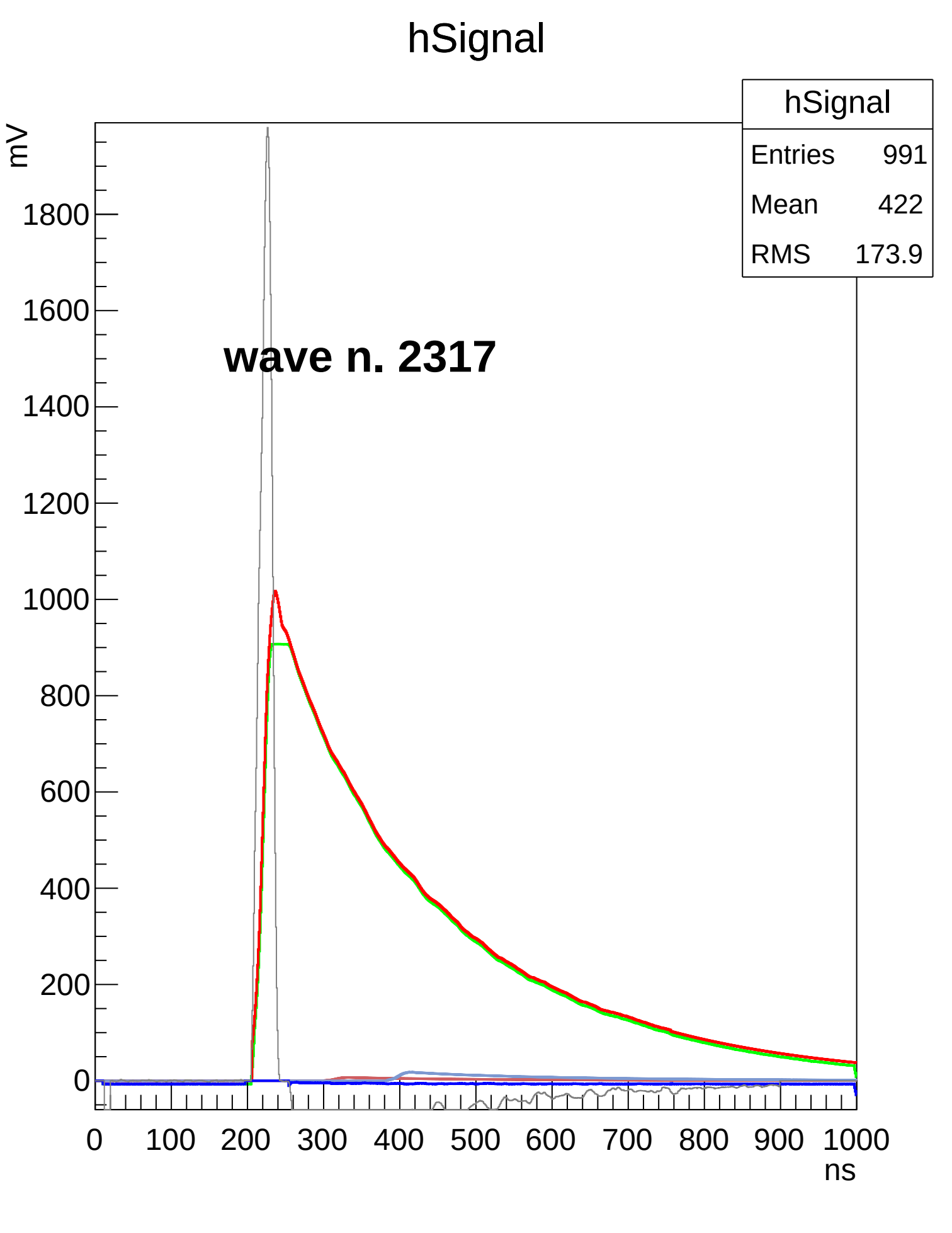
ns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hSignal
Entries 991
Mean 422
RMS 173.9
wave n. 2317
mV
1800
1600
1400
1200
1000
800
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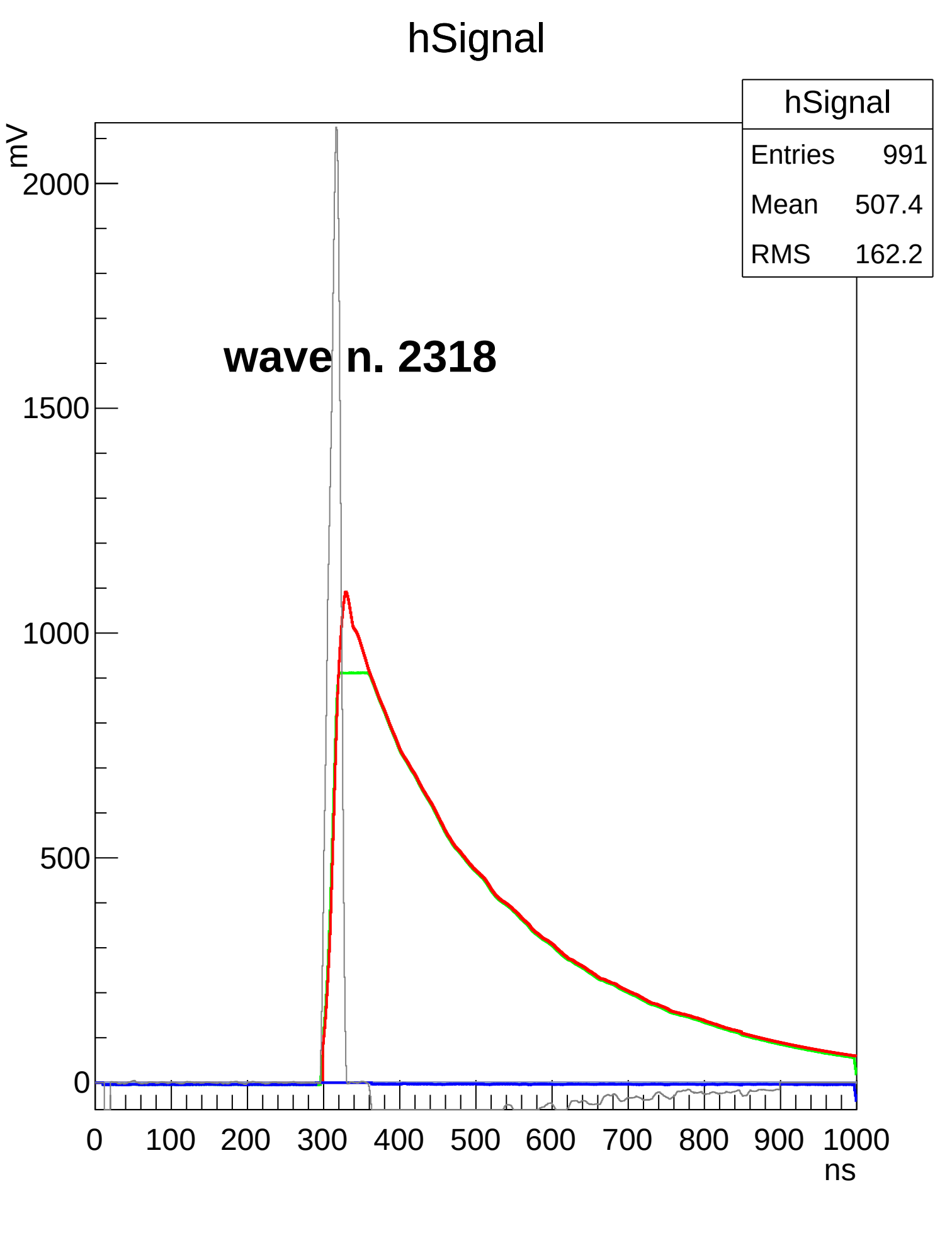
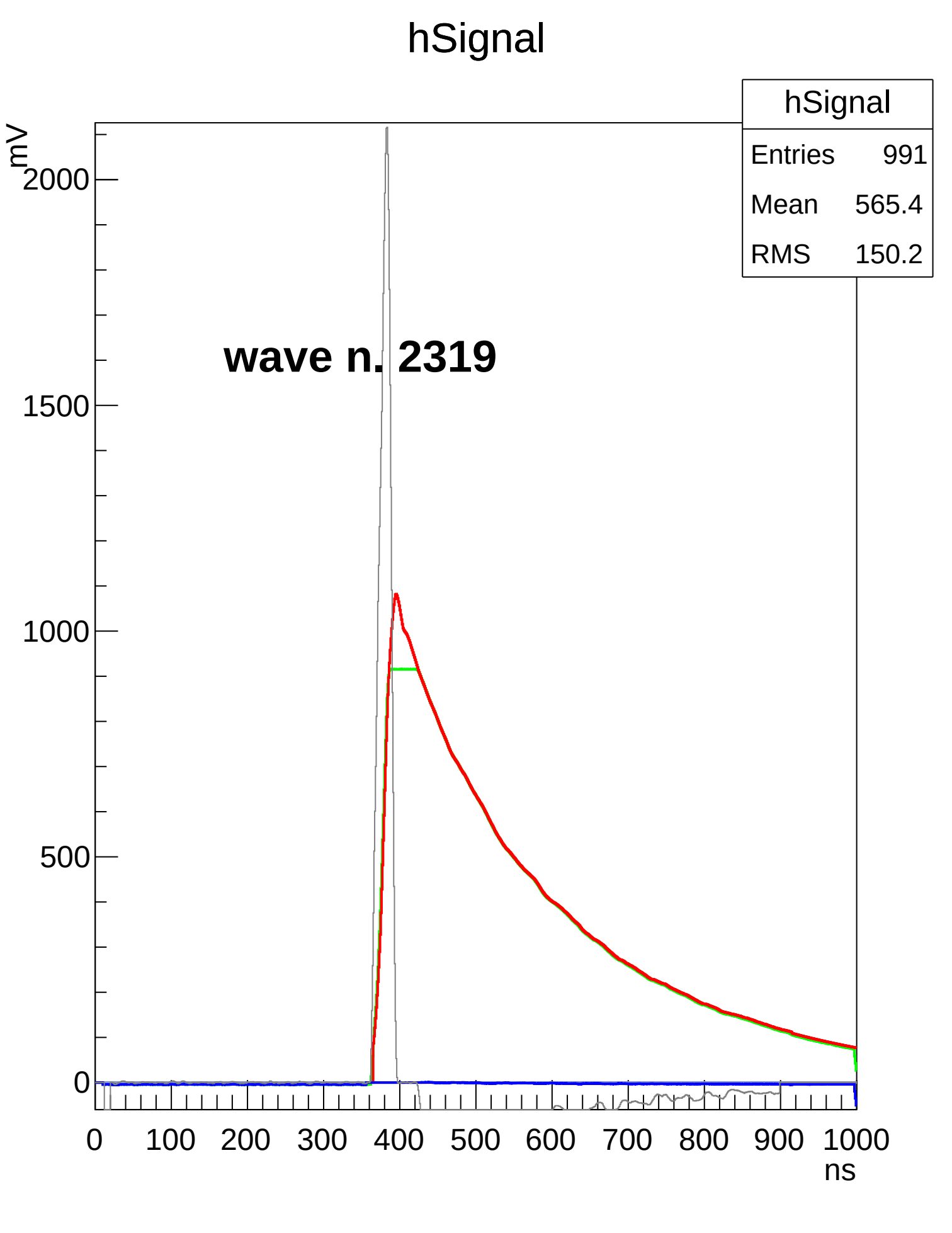
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 507.4
RMS 162.2
wave n. 2318
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 565.4
RMS 150.2
wave n. 2319
mV
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1500
1000
500
0
0
100
200
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400
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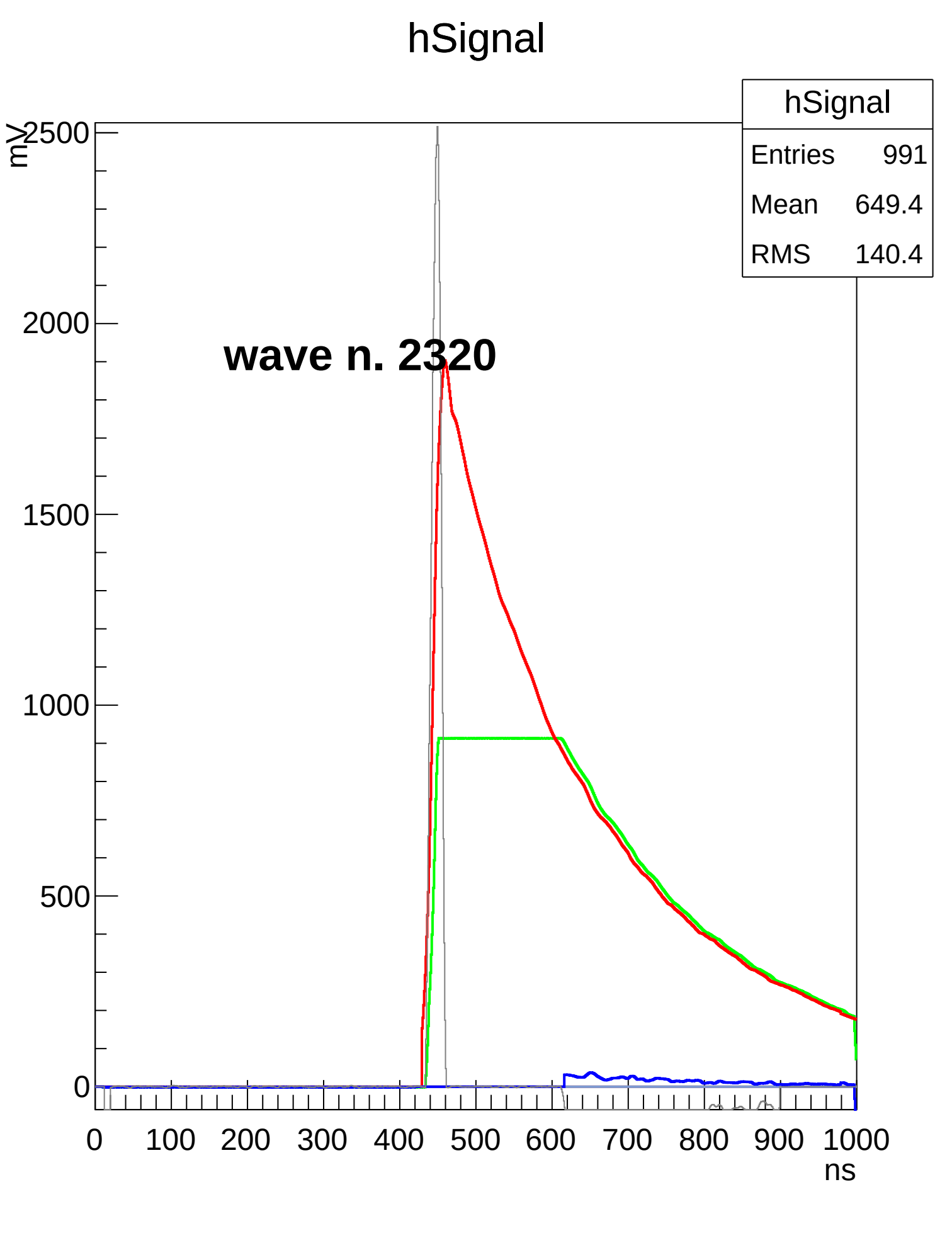
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 649.4
RMS 140.4
wave n. 2320
mV
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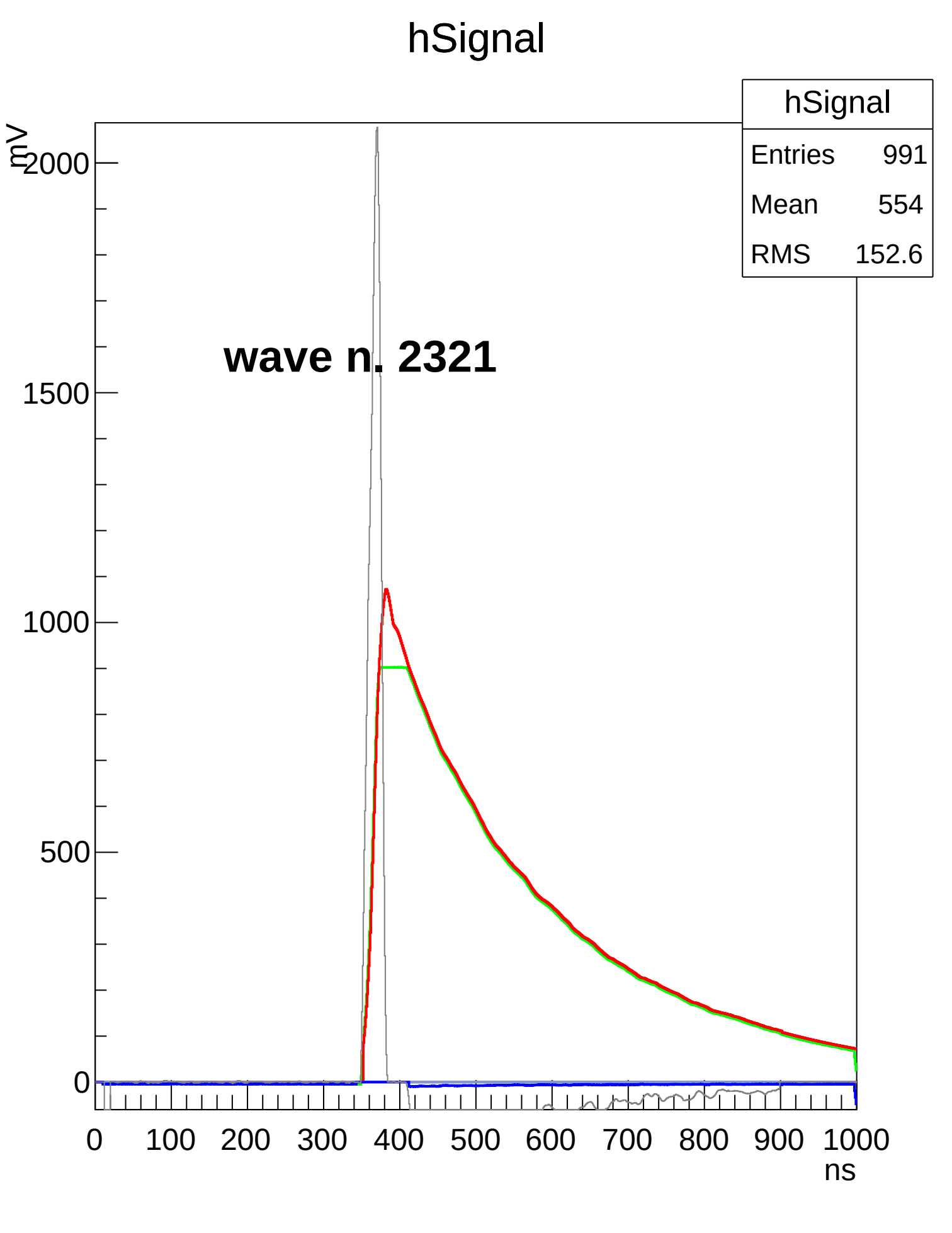
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 554
RMS 152.6
wave n. 2321
mV
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1500
1000
500
0
0
100
200
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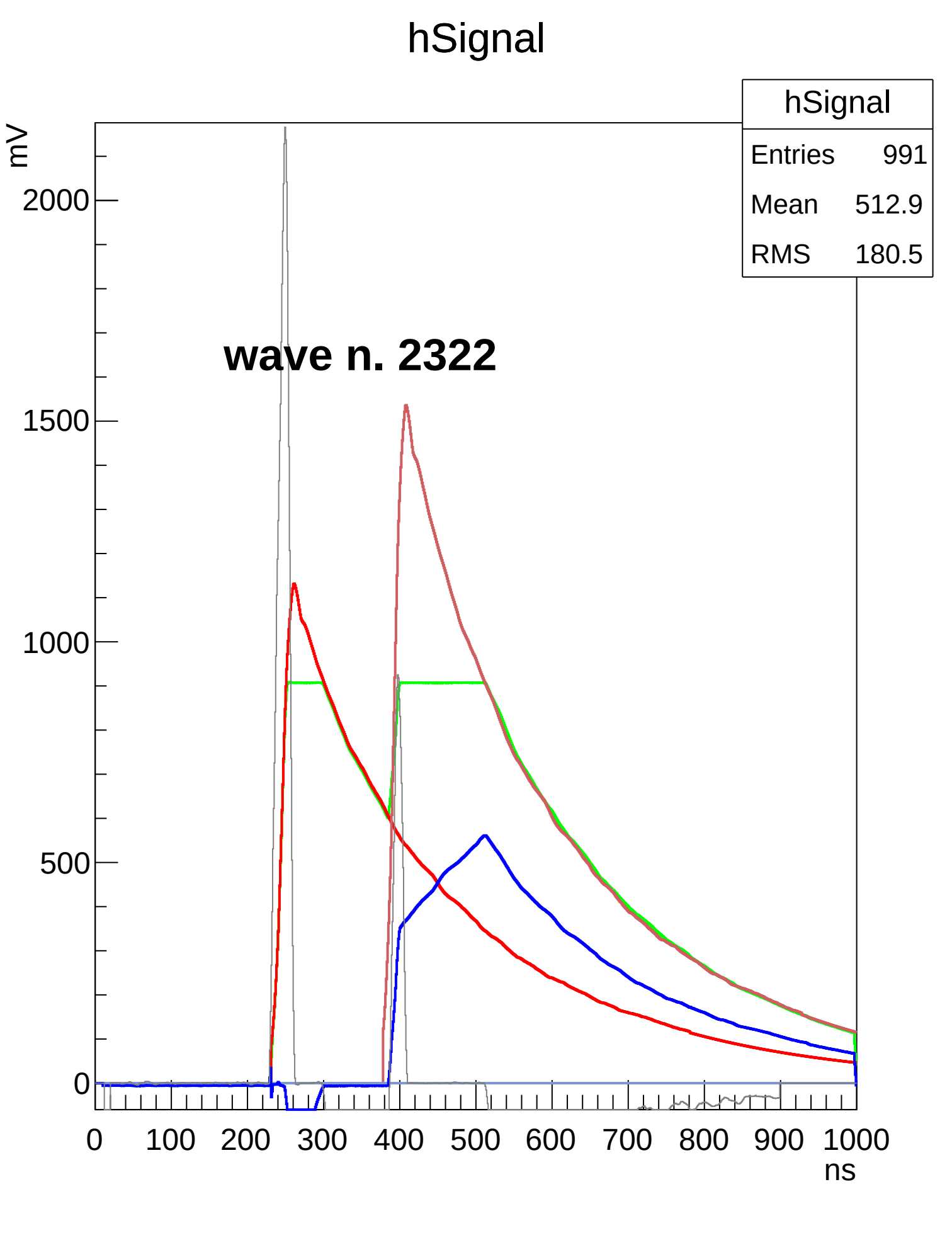
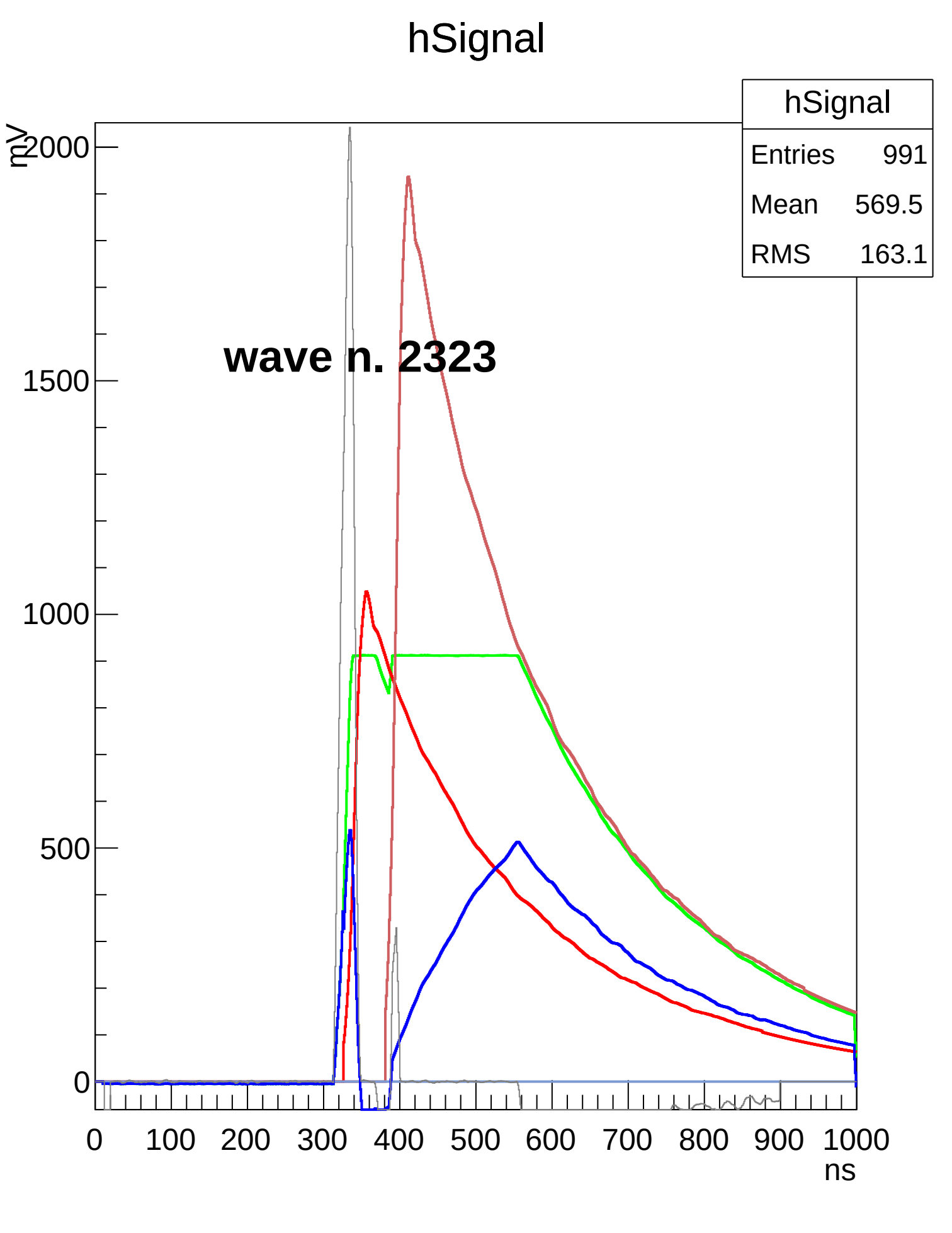
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.9
RMS 180.5
wave n. 2322
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 569.5
RMS 163.1
wave n. 2323
mV
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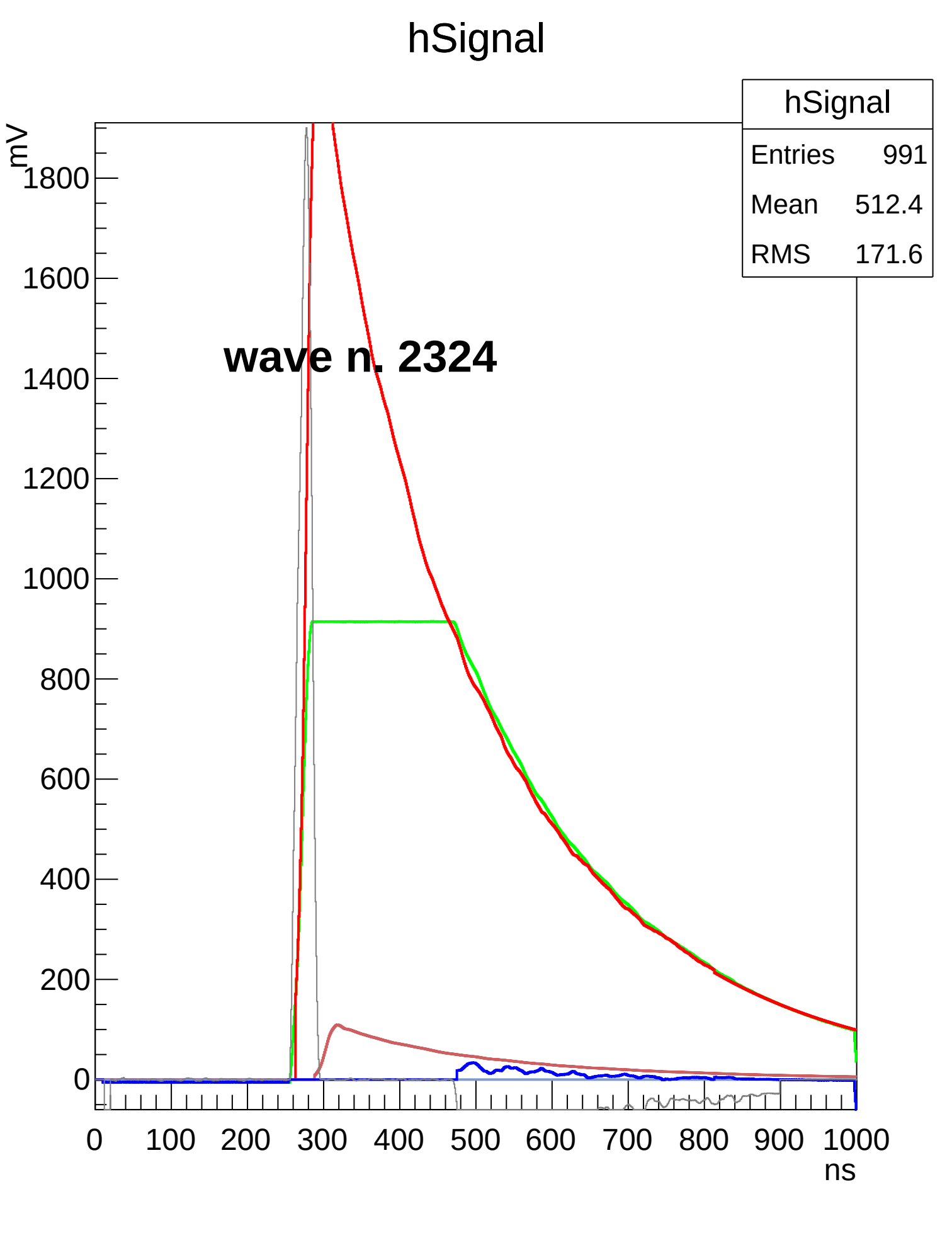
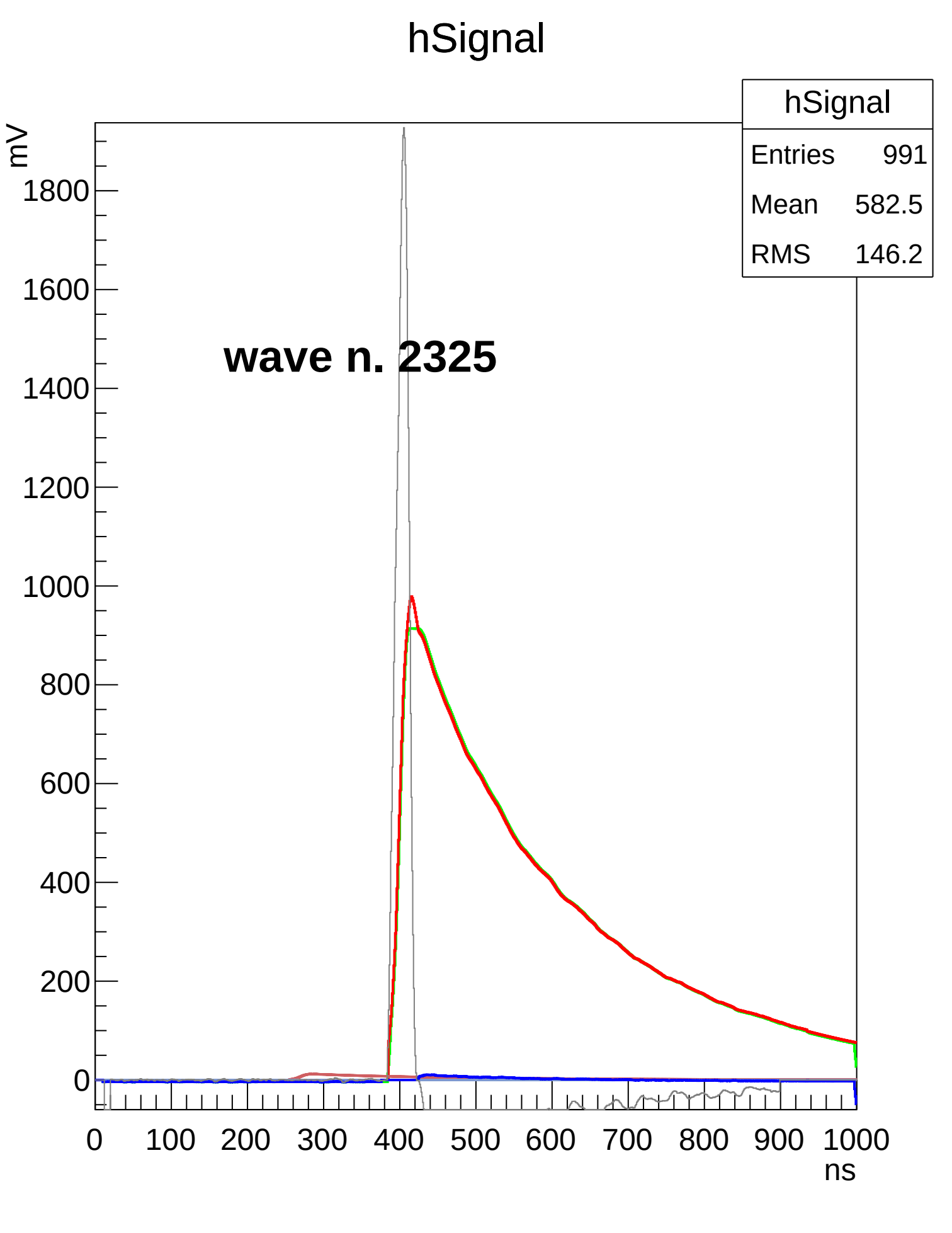
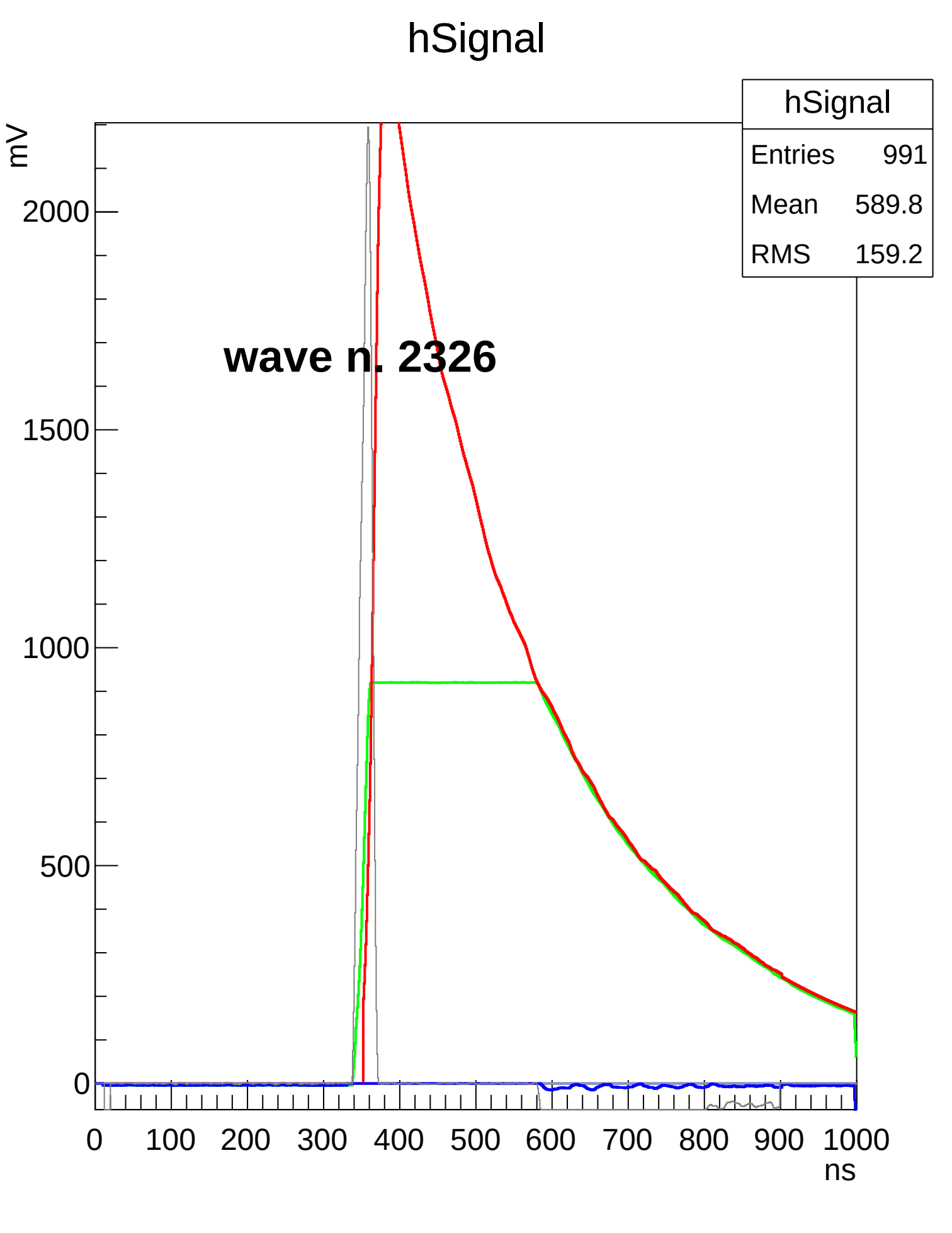
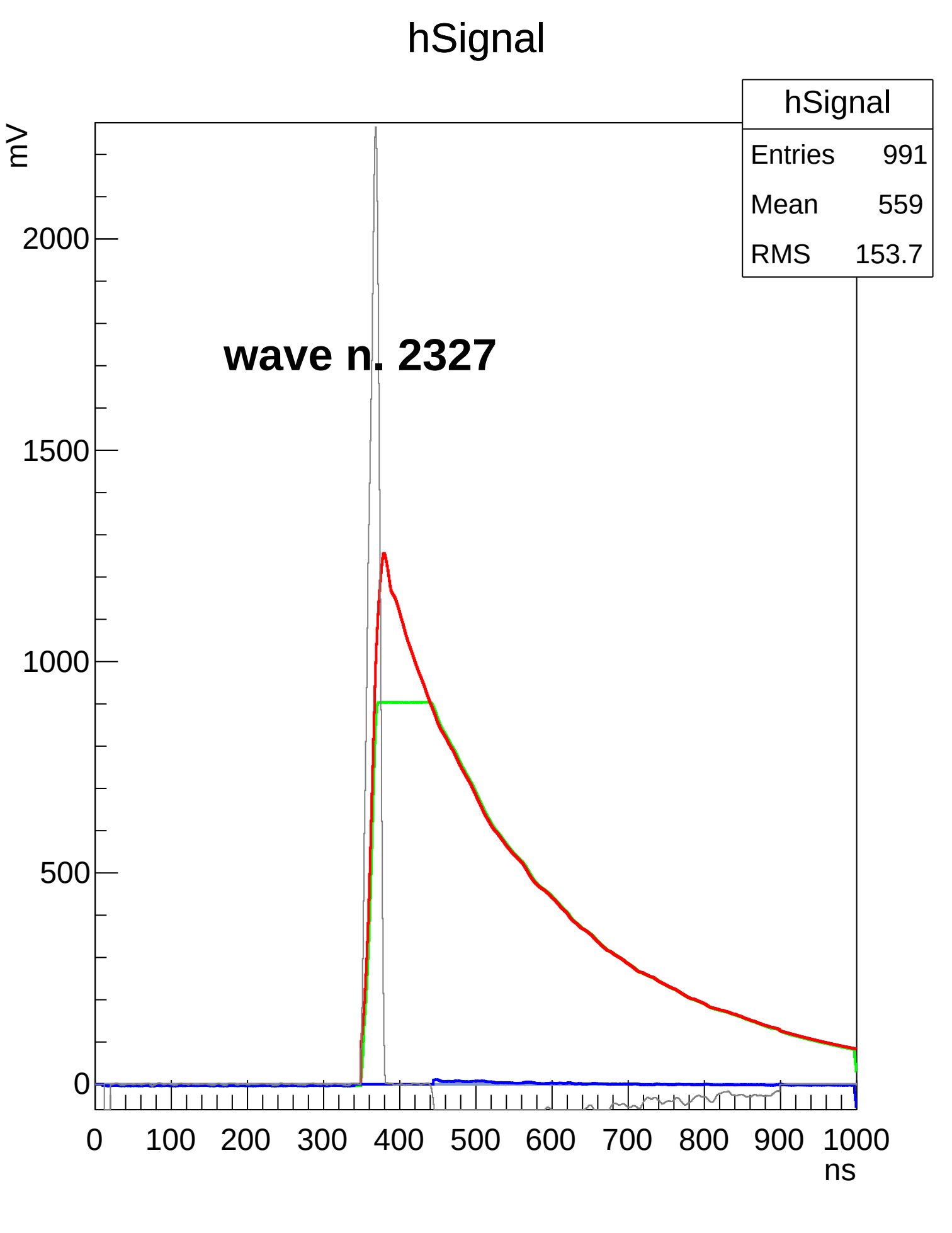
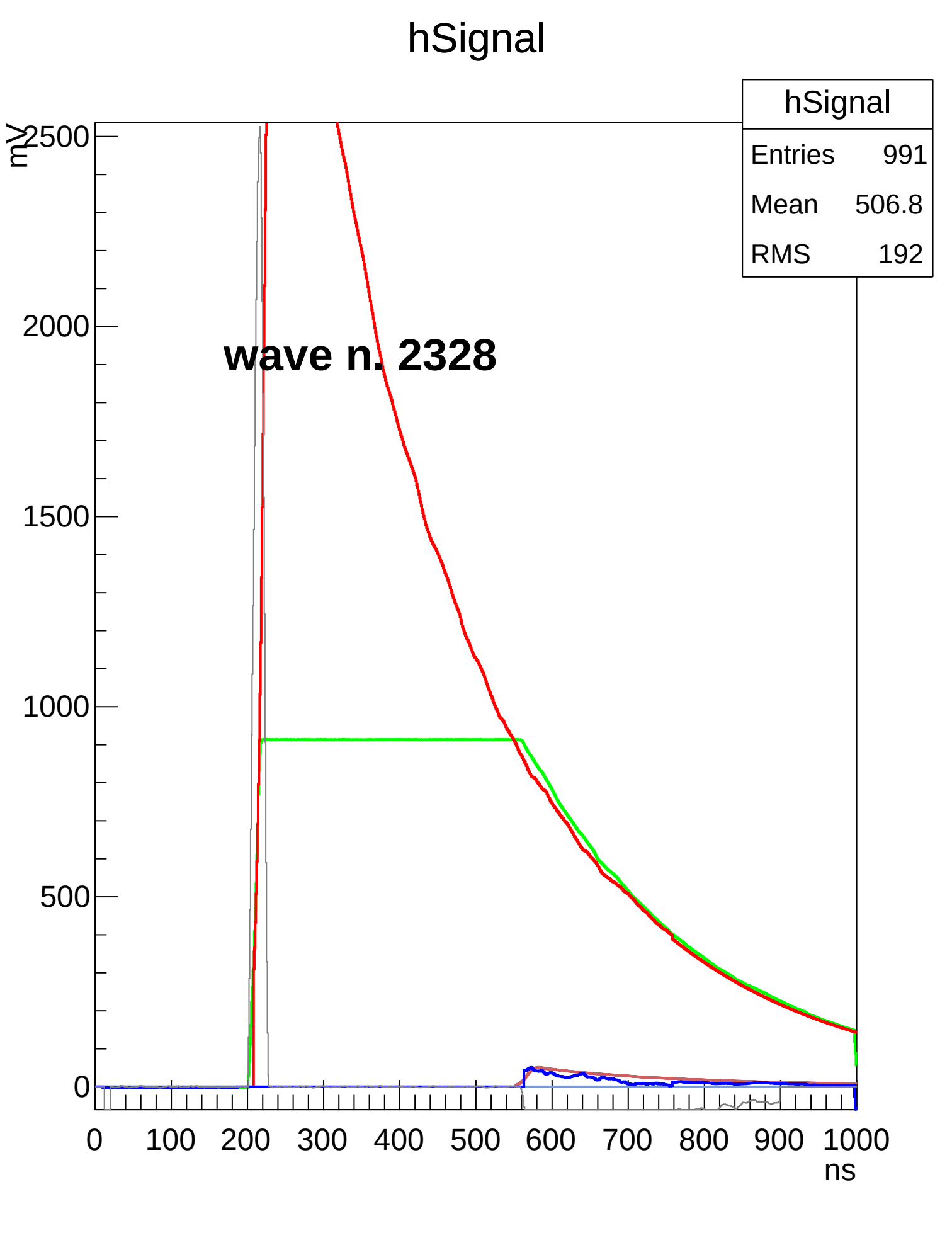
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

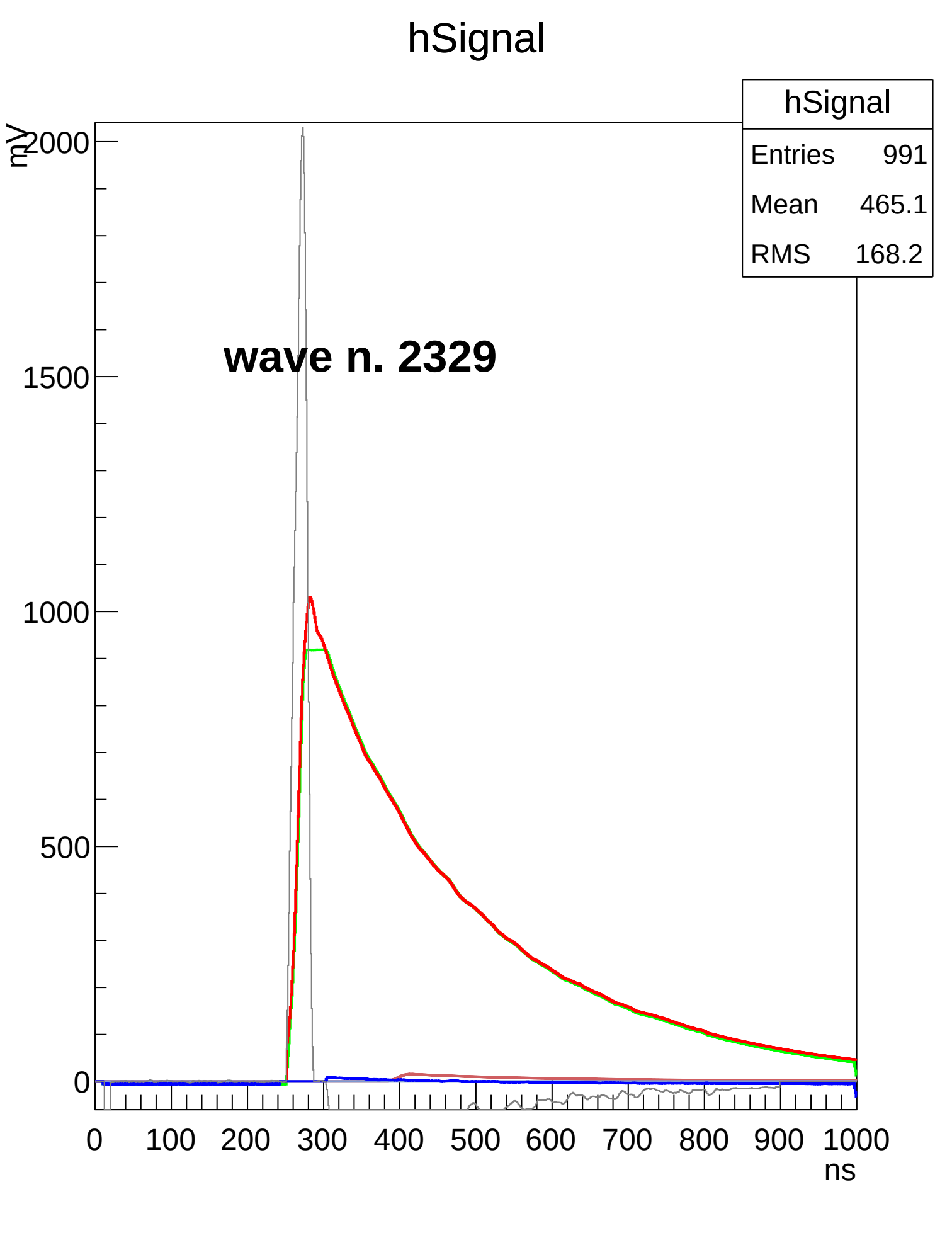

hSignal
hSignal
Entries 991
Mean 512.4
RMS 171.6
wave n. 2324
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

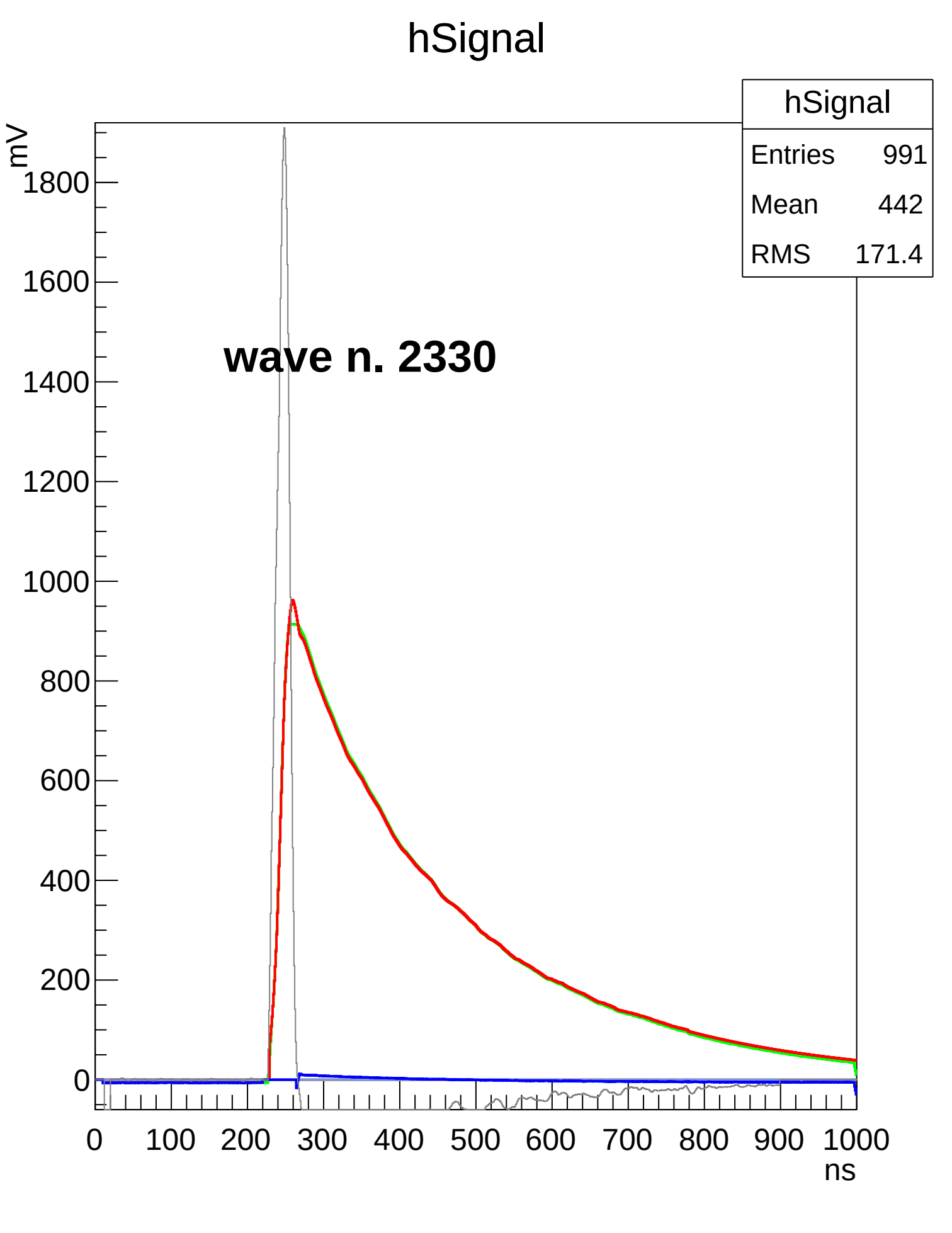

hSignal
hSignal
Entries 991
Mean 582.5
RMS 146.2
wave n. 2325
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

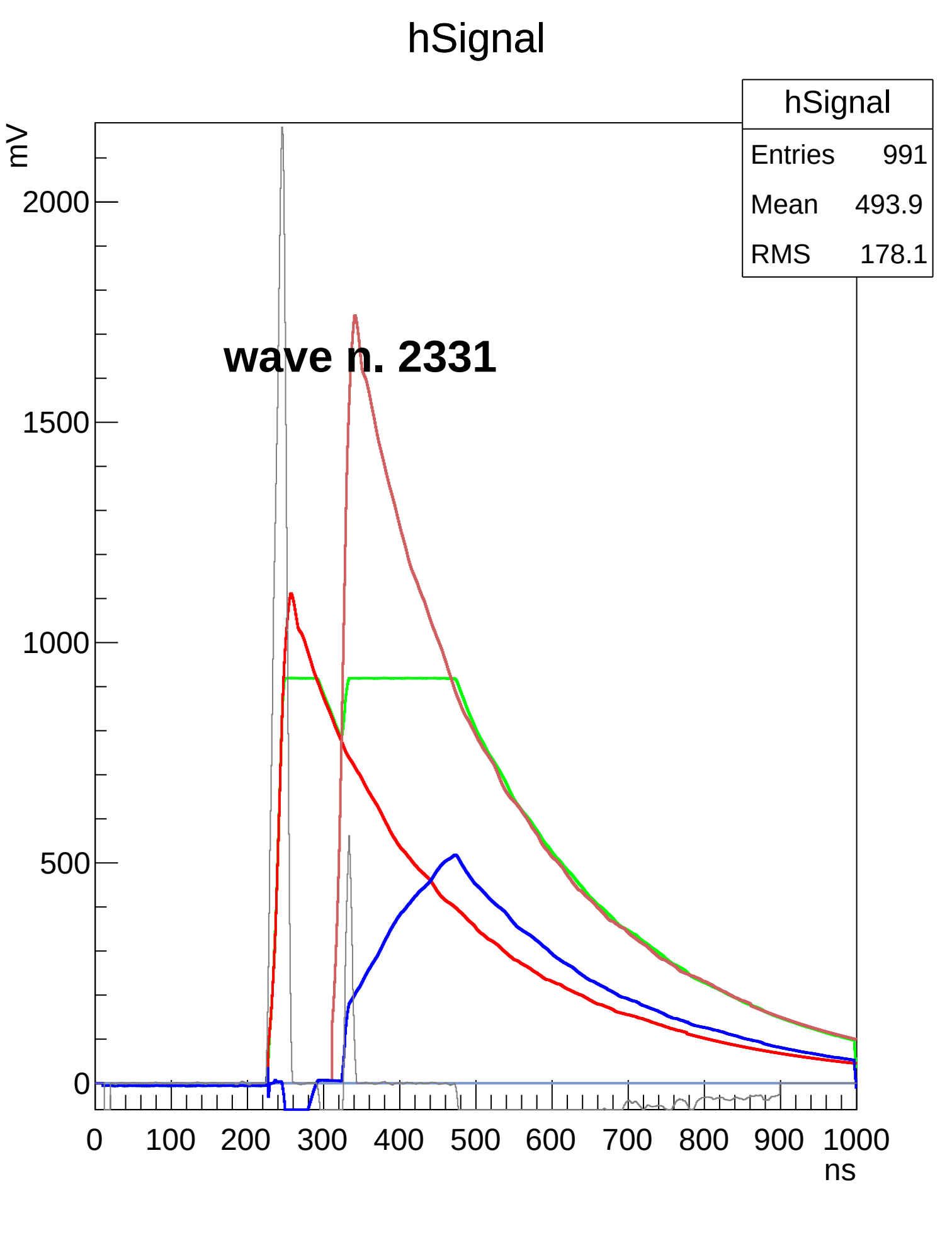

hSignal
hSignal
Entries 991
Mean 589.8
RMS 159.2
wave n. 2326
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

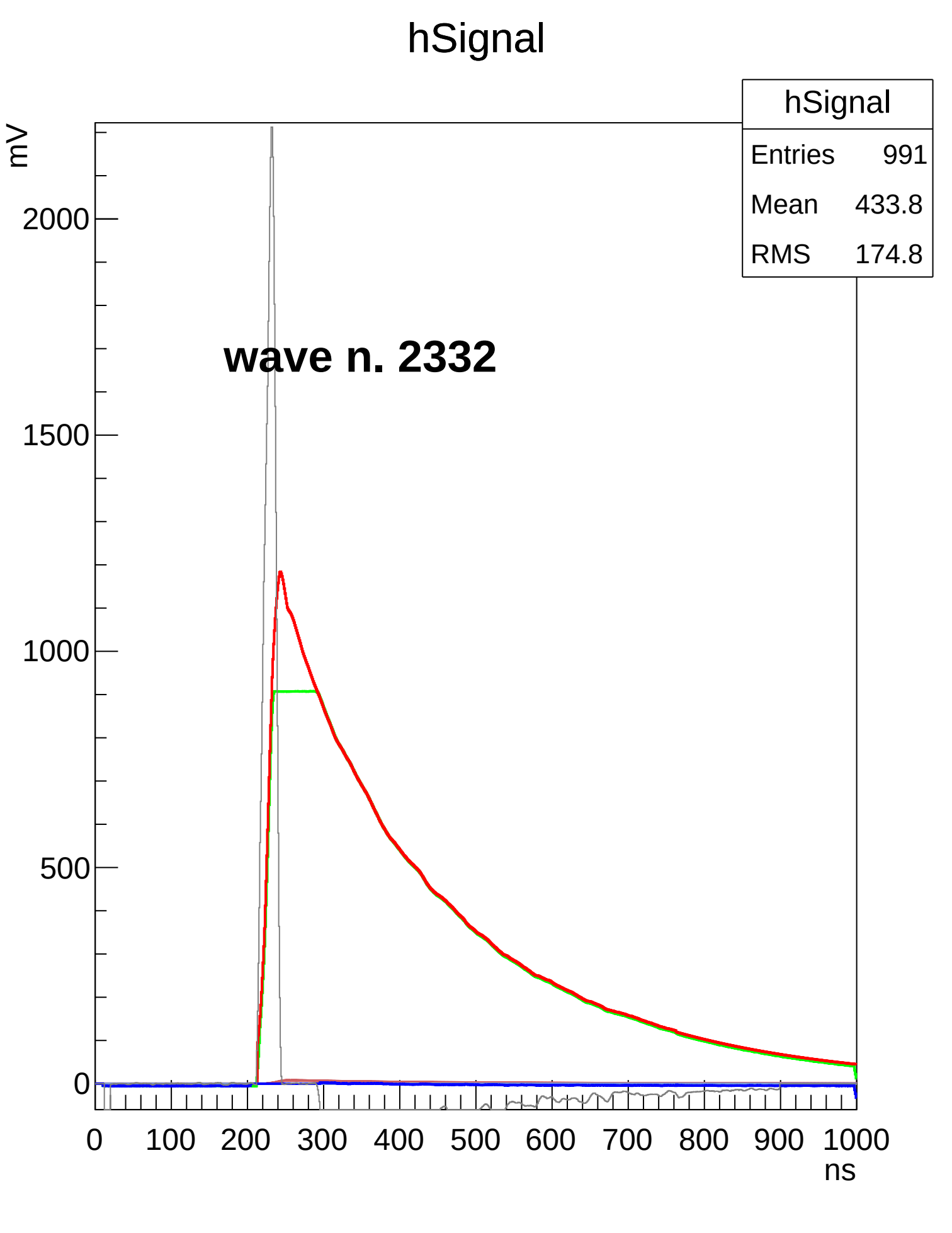

hSignal
hSignal
Entries 991
Mean 559
RMS 153.7
wave n. 2327
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506.8
RMS 192
wave n. 2328
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 465.1
RMS 168.2
wave n. 2329
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 442
RMS 171.4
wave n. 2330
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 493.9
RMS 178.1
wave n. 2331
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 433.8
RMS 174.8
wave n. 2332
mV
2000
1500
1000
500
0
0
100
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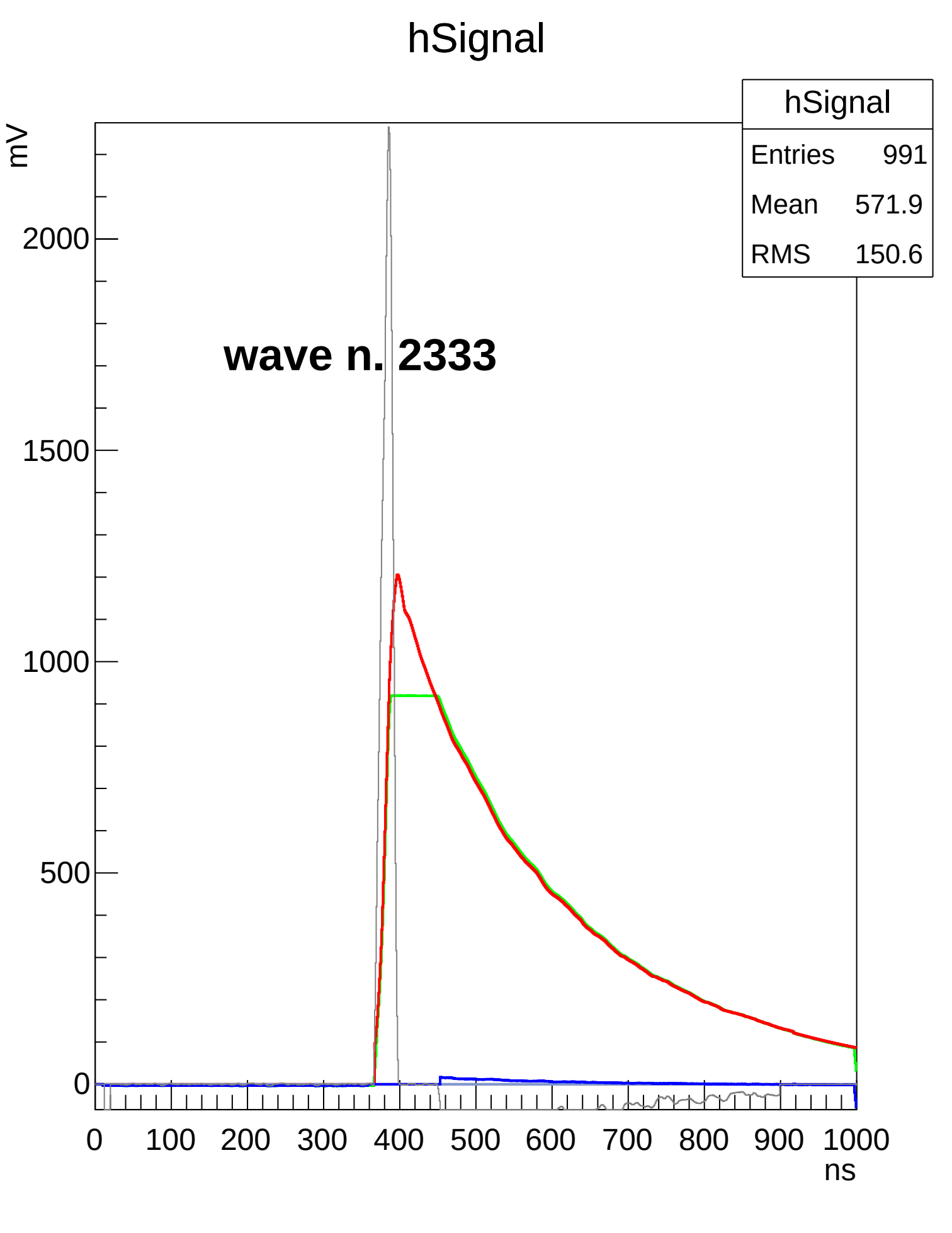
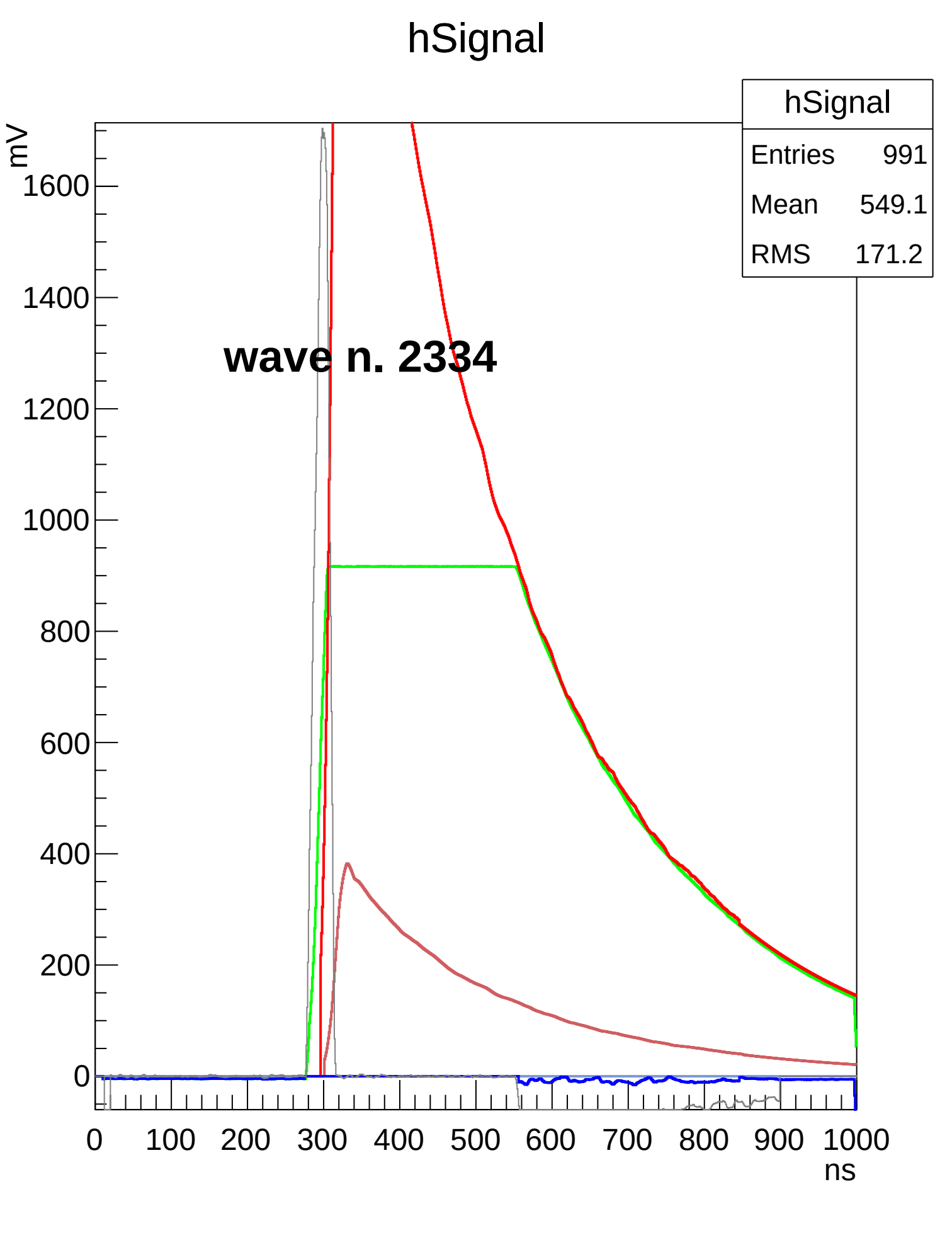
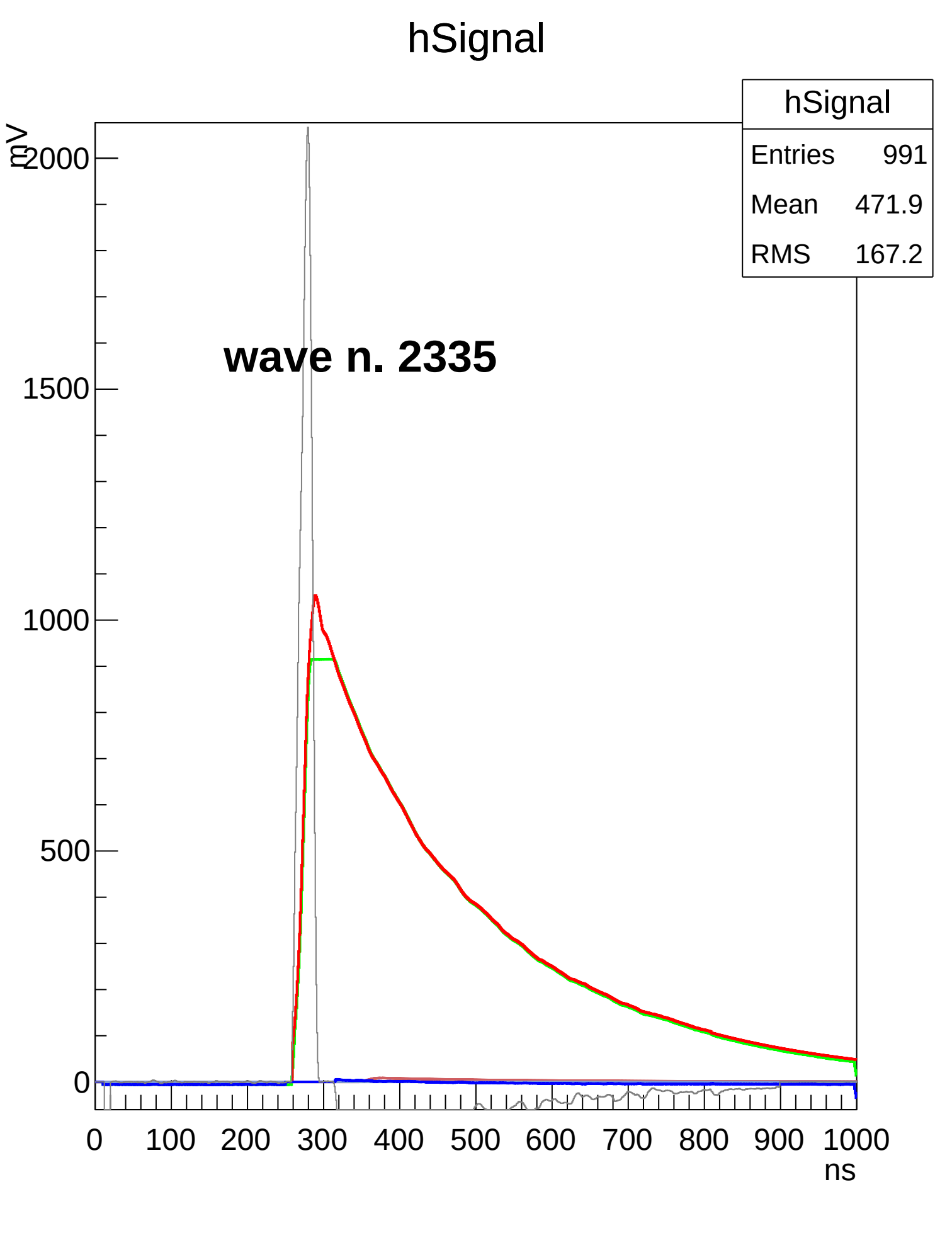
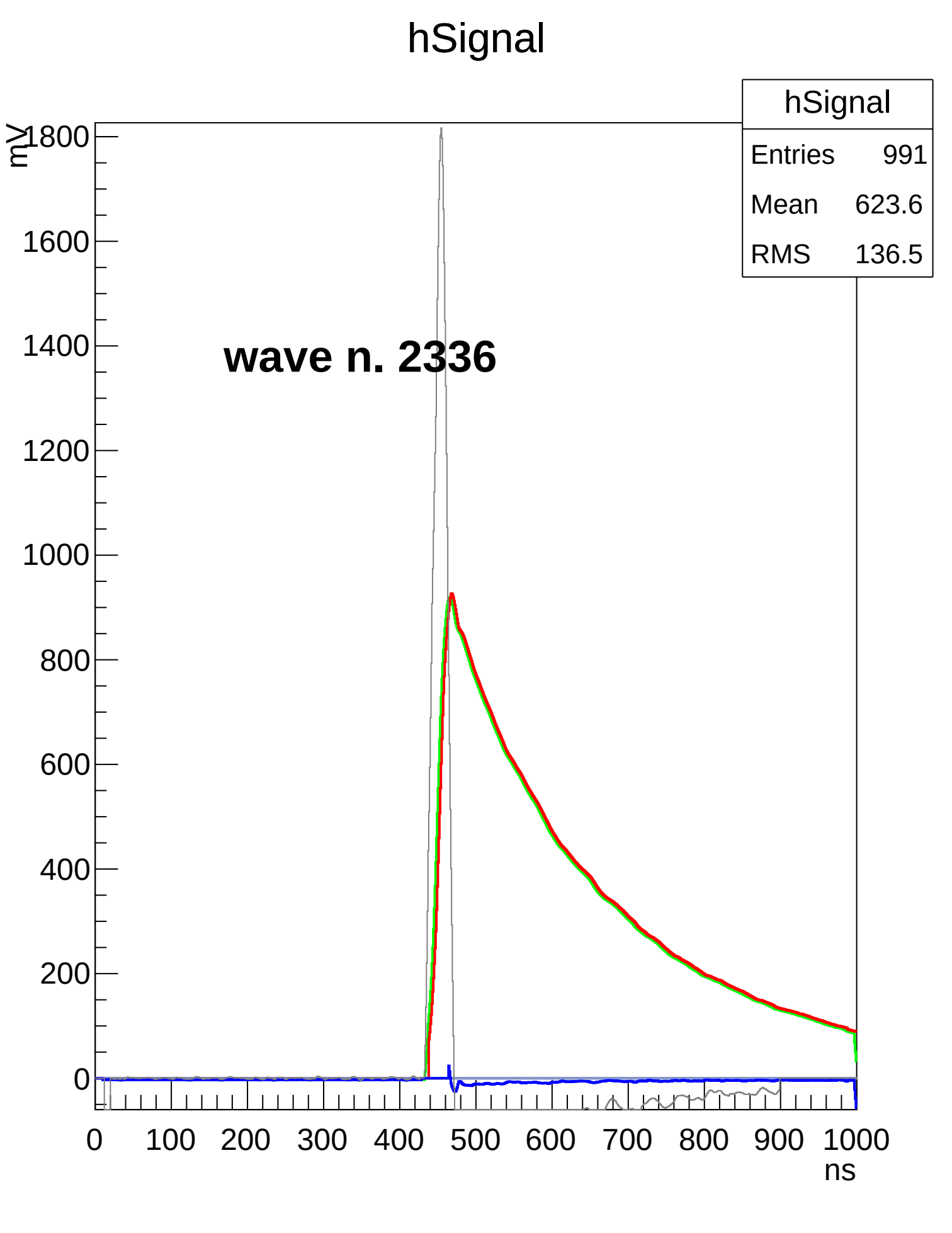
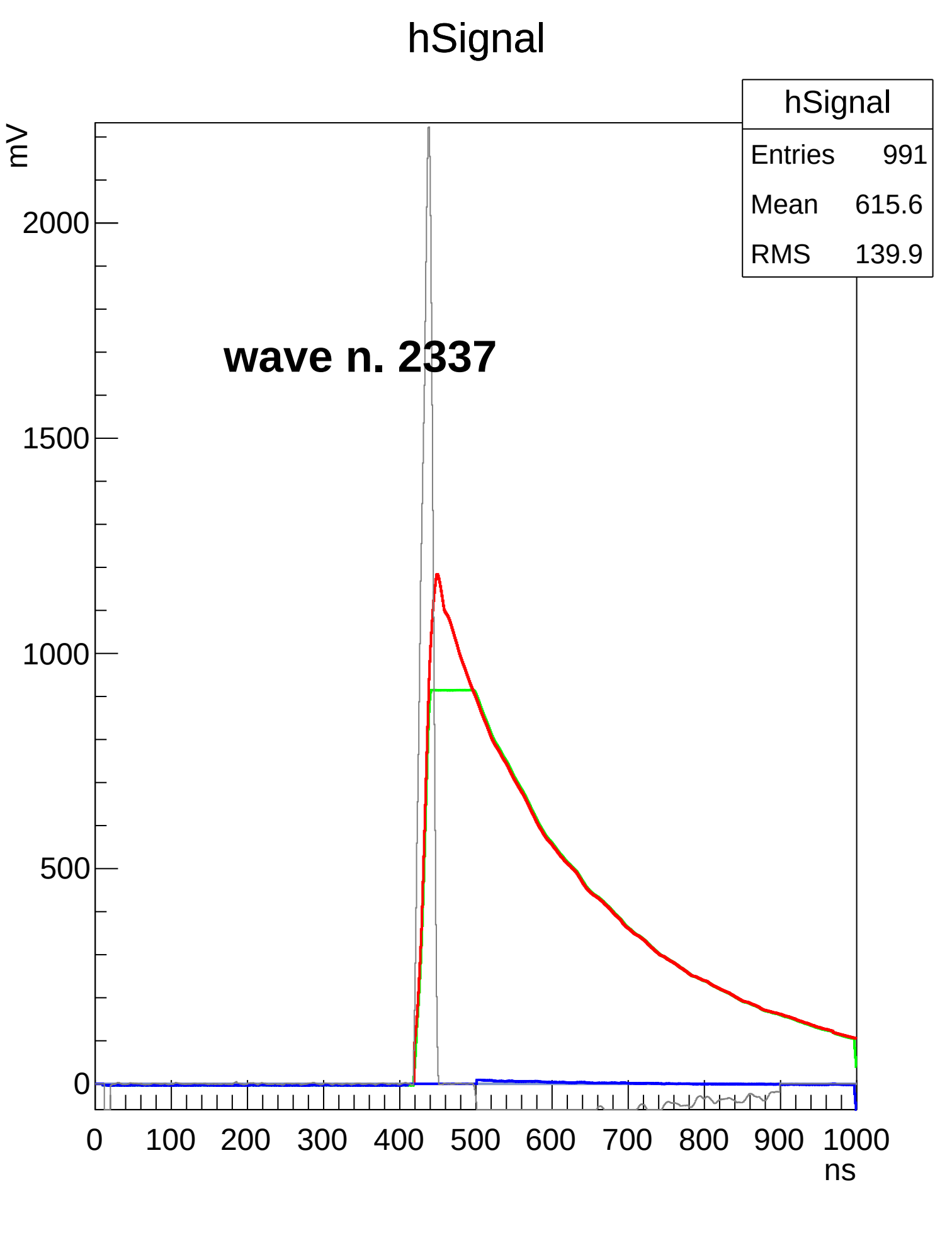
800
900
1000
ns

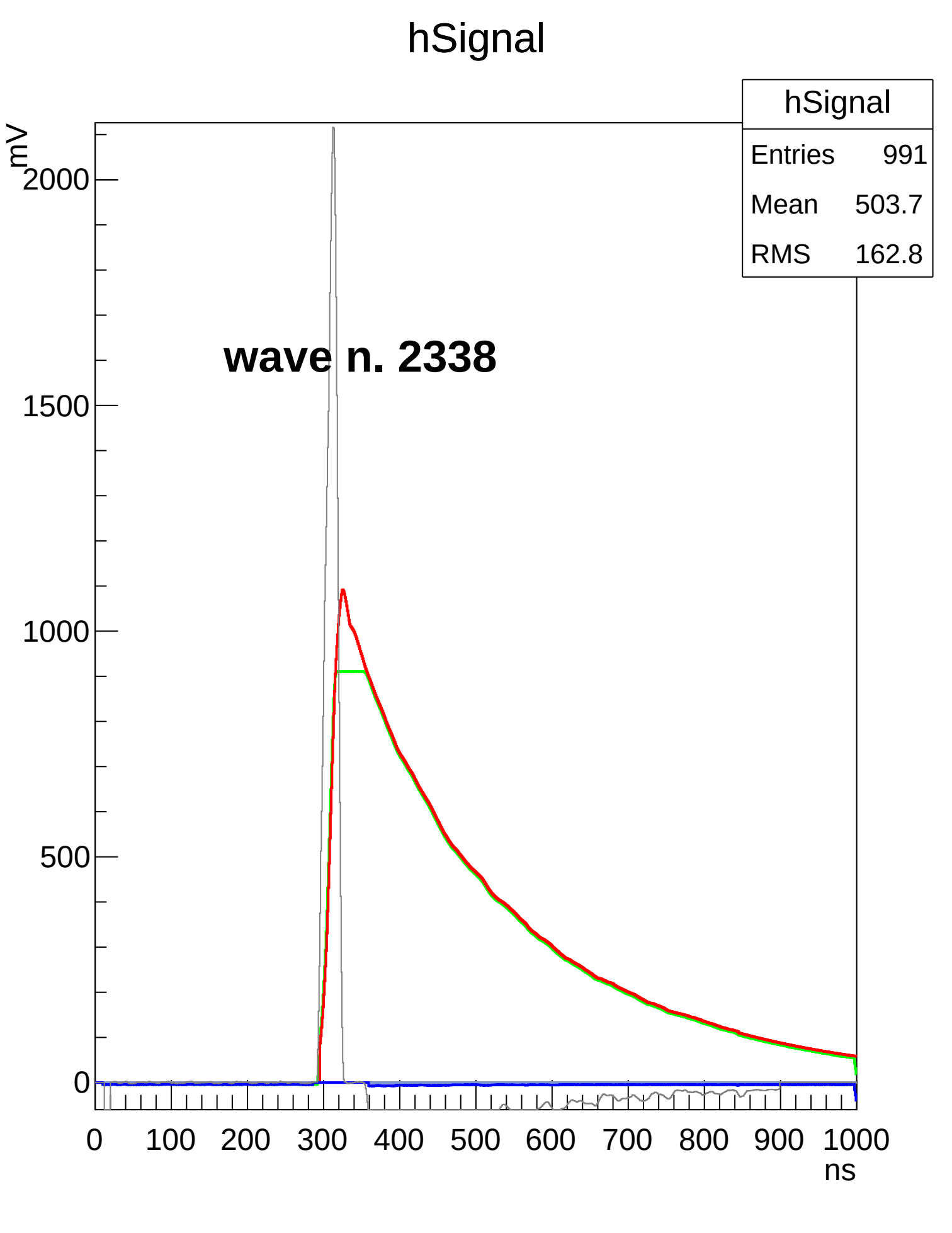

hSignal
hSignal
Entries 991
Mean 571.9
RMS 150.6
wave n. 2333
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.1
RMS 171.2
wave n. 2334
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 471.9
RMS 167.2
wave n. 2335
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 623.6
RMS 136.5
wave n. 2336
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 615.6
RMS 139.9
wave n. 2337
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.7
RMS 162.8
wave n. 2338
mV
2000
1500
1000
500
0
0
100
200
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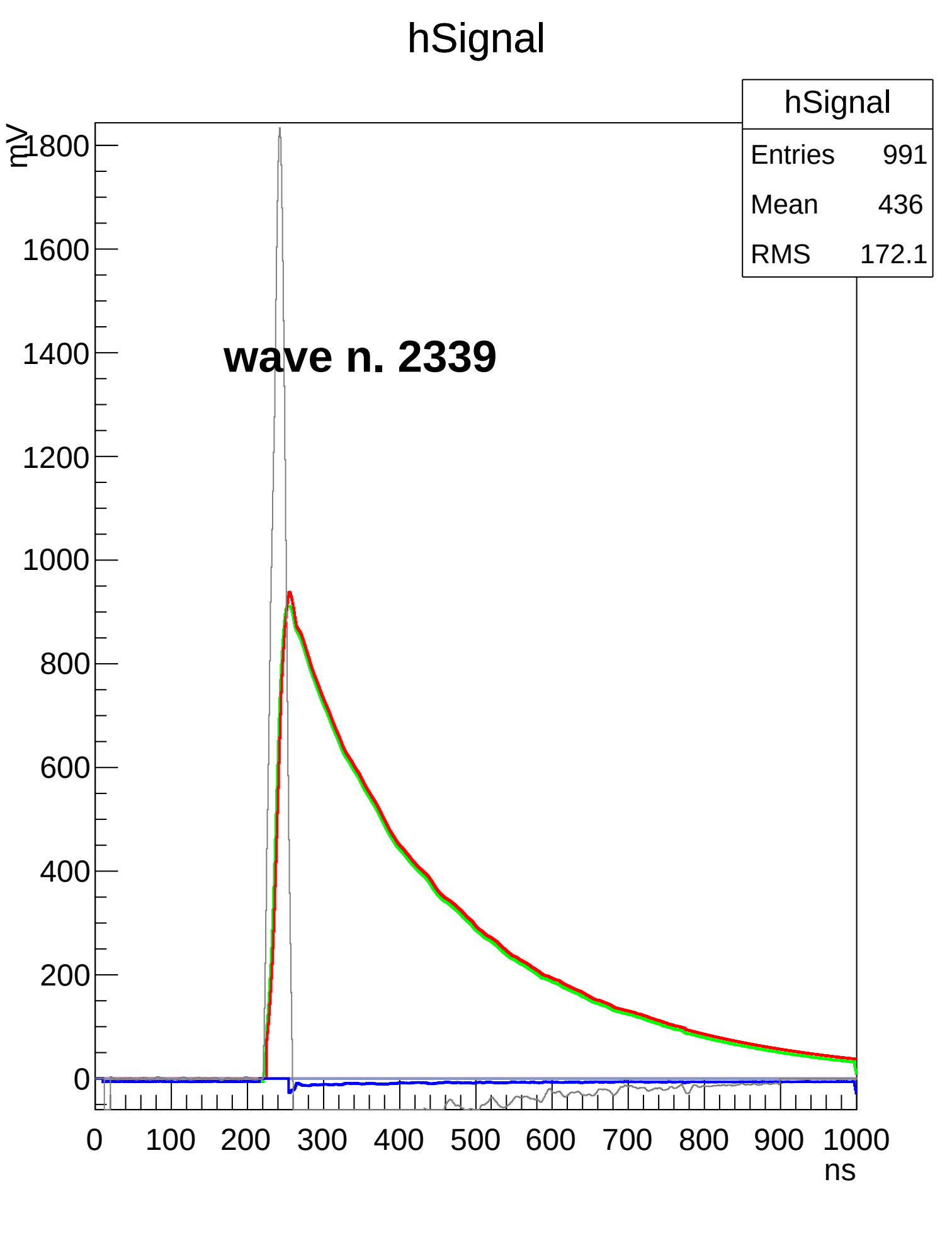
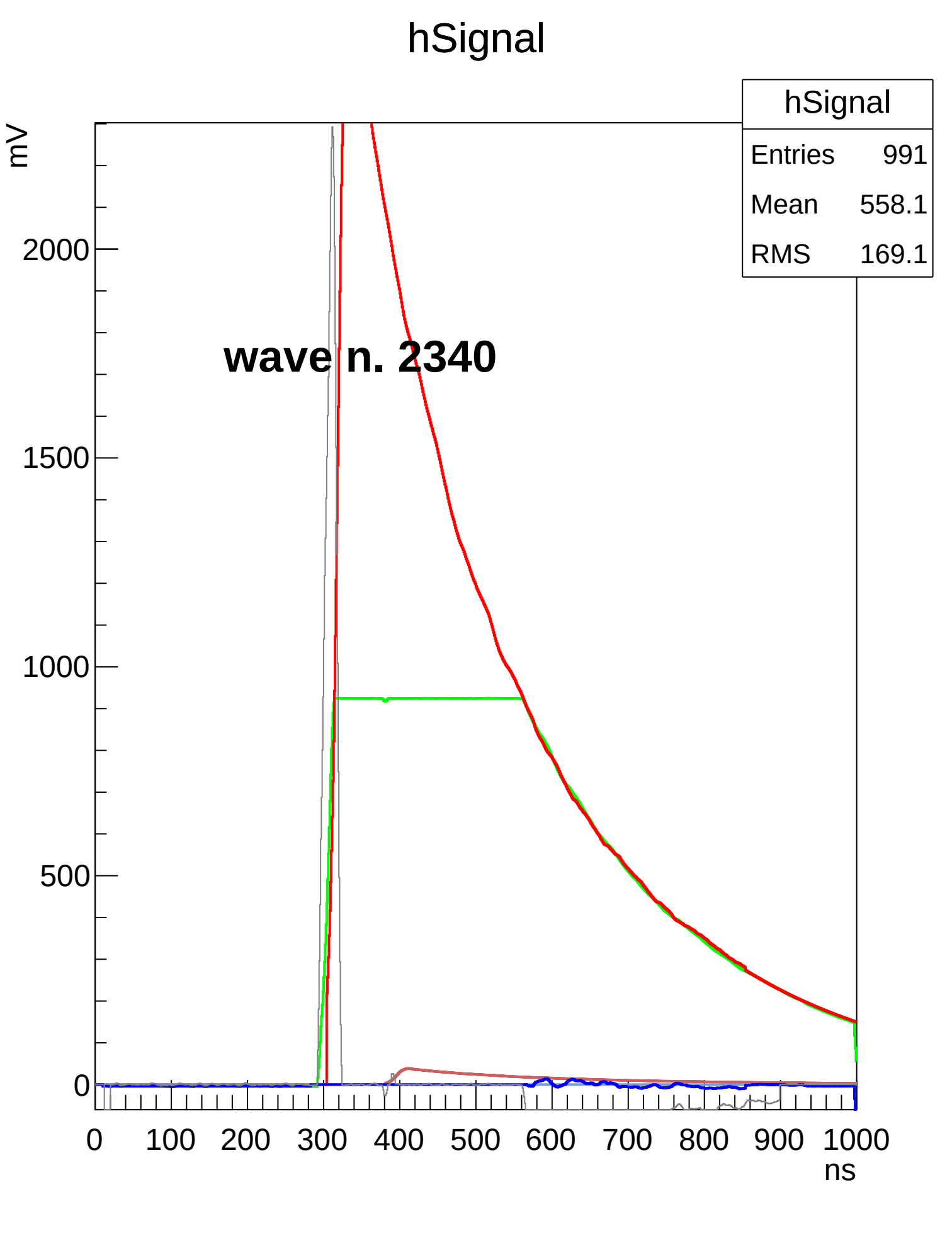
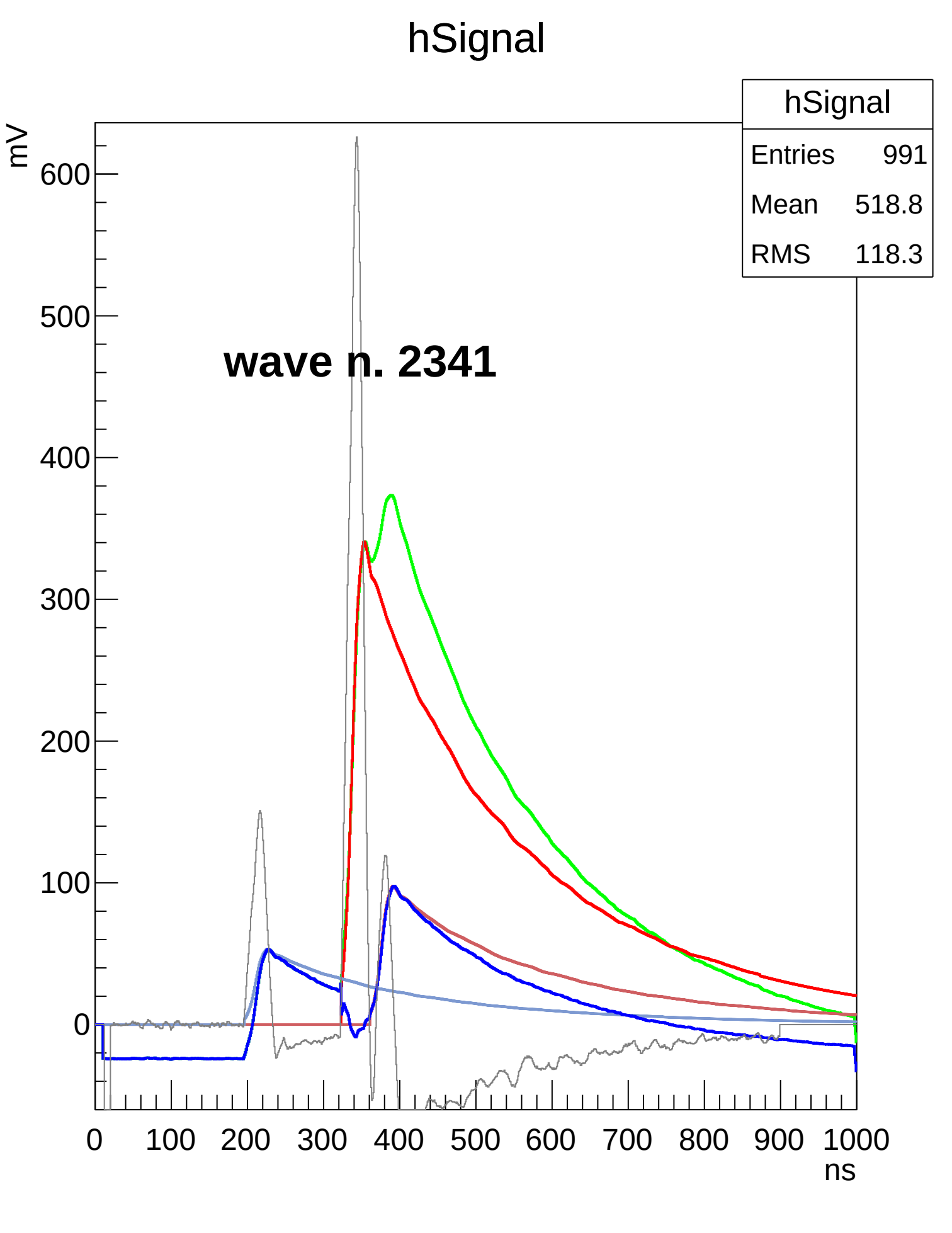
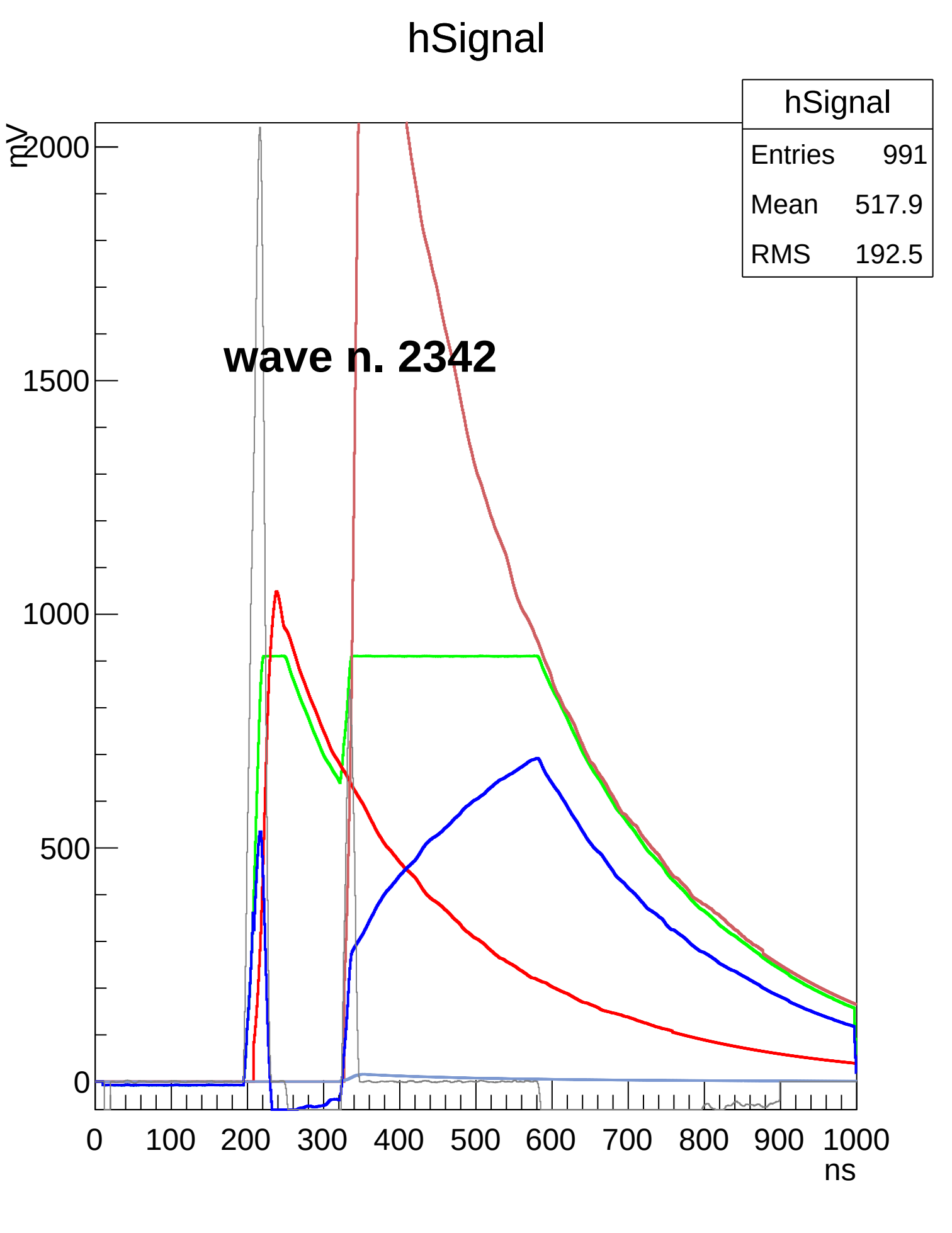
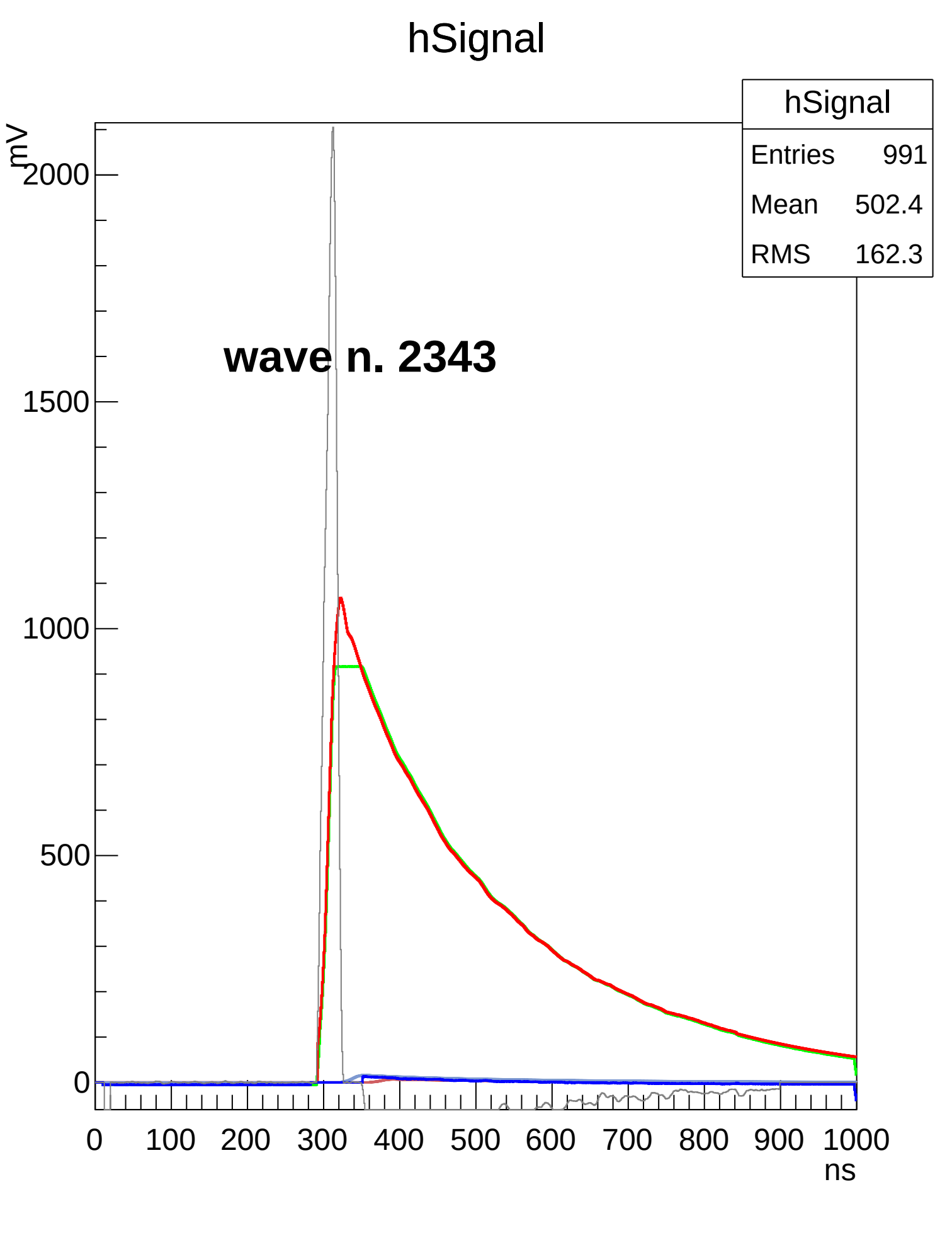
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 436
RMS 172.1
wave n. 2339
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 558.1
RMS 169.1
wave n. 2340
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.8
RMS 118.3
wave n. 2341
mV
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 517.9
RMS 192.5
wave n. 2342
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.4
RMS 162.3
wave n. 2343
mV
2000
1500
1000
500
0
0
100
200
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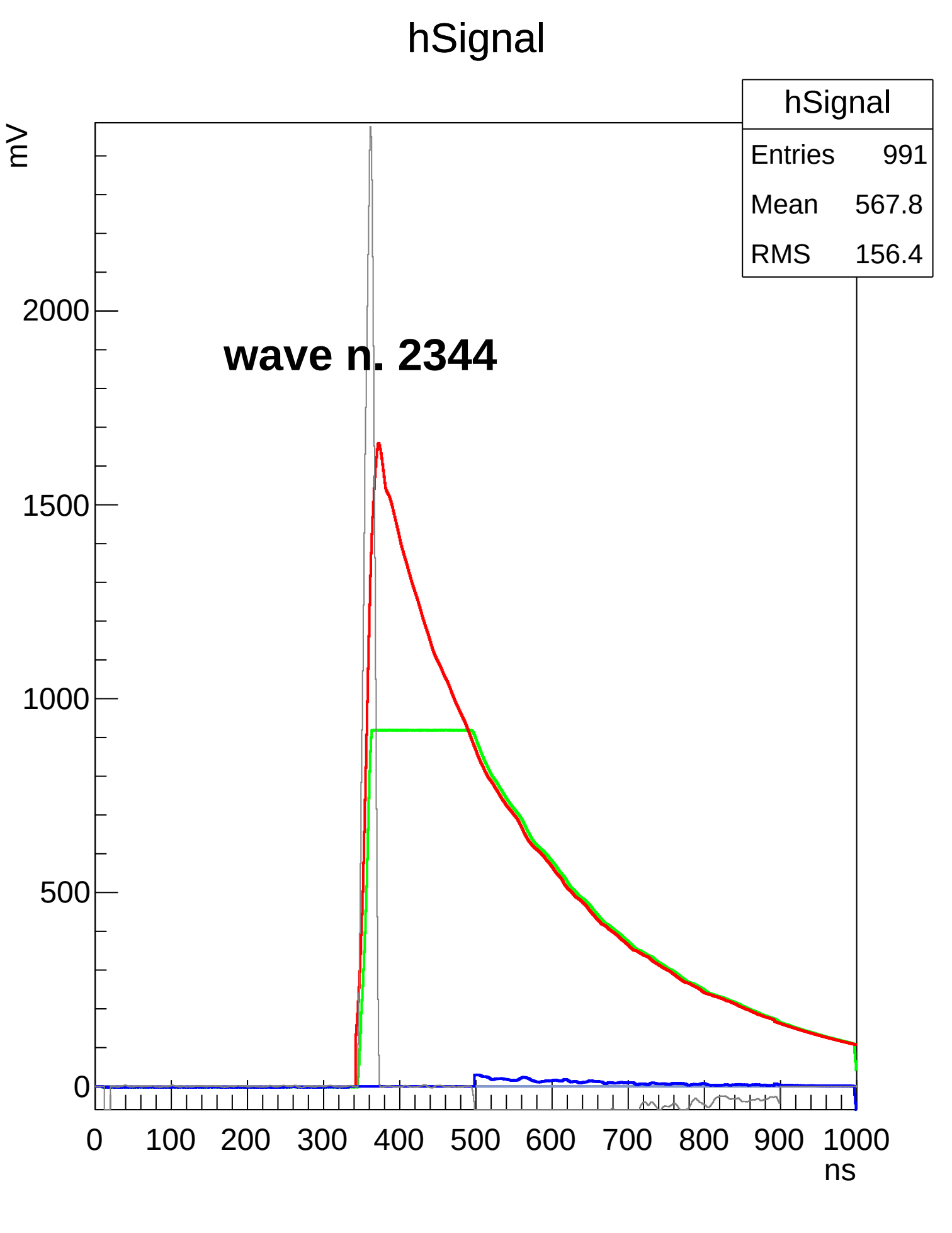
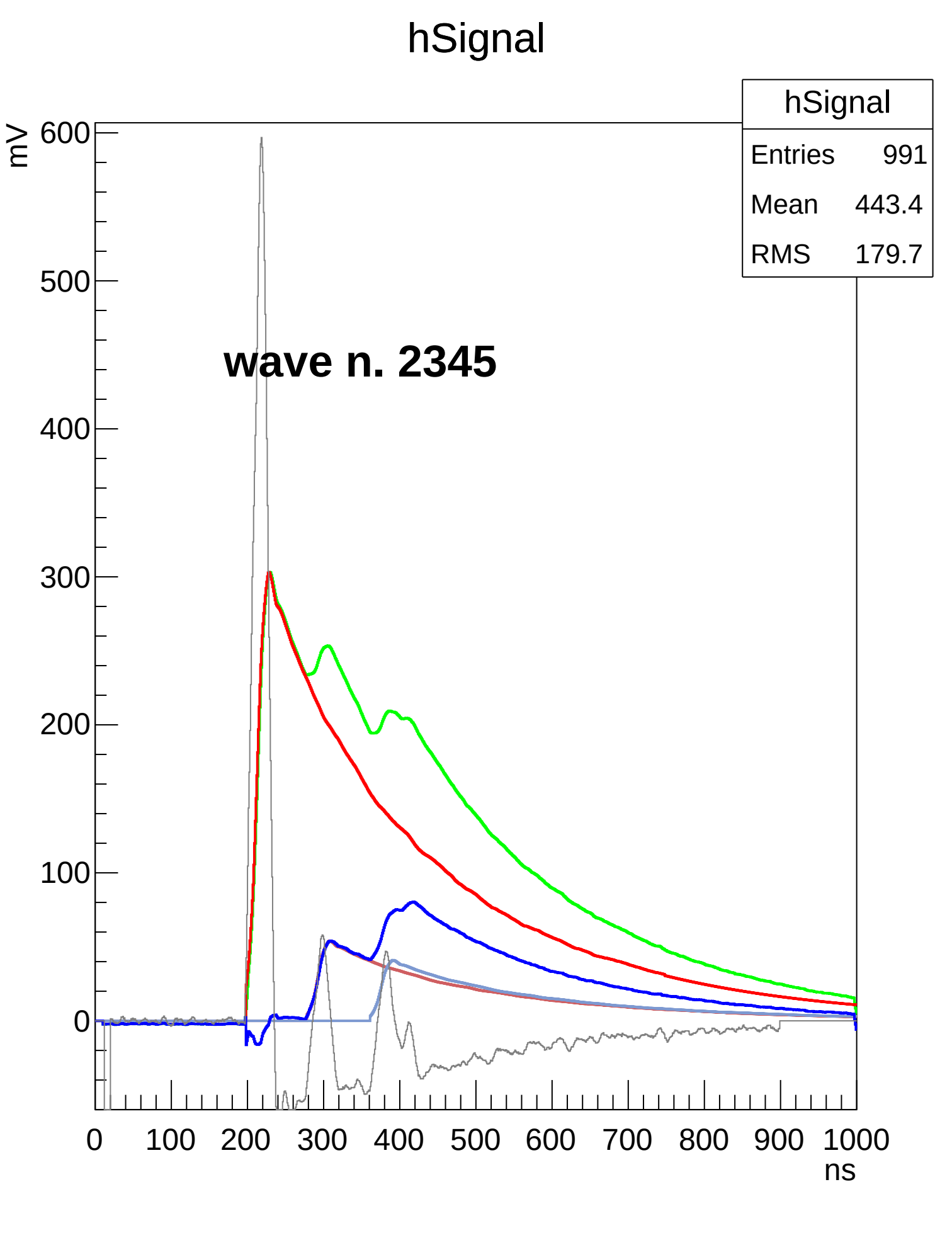
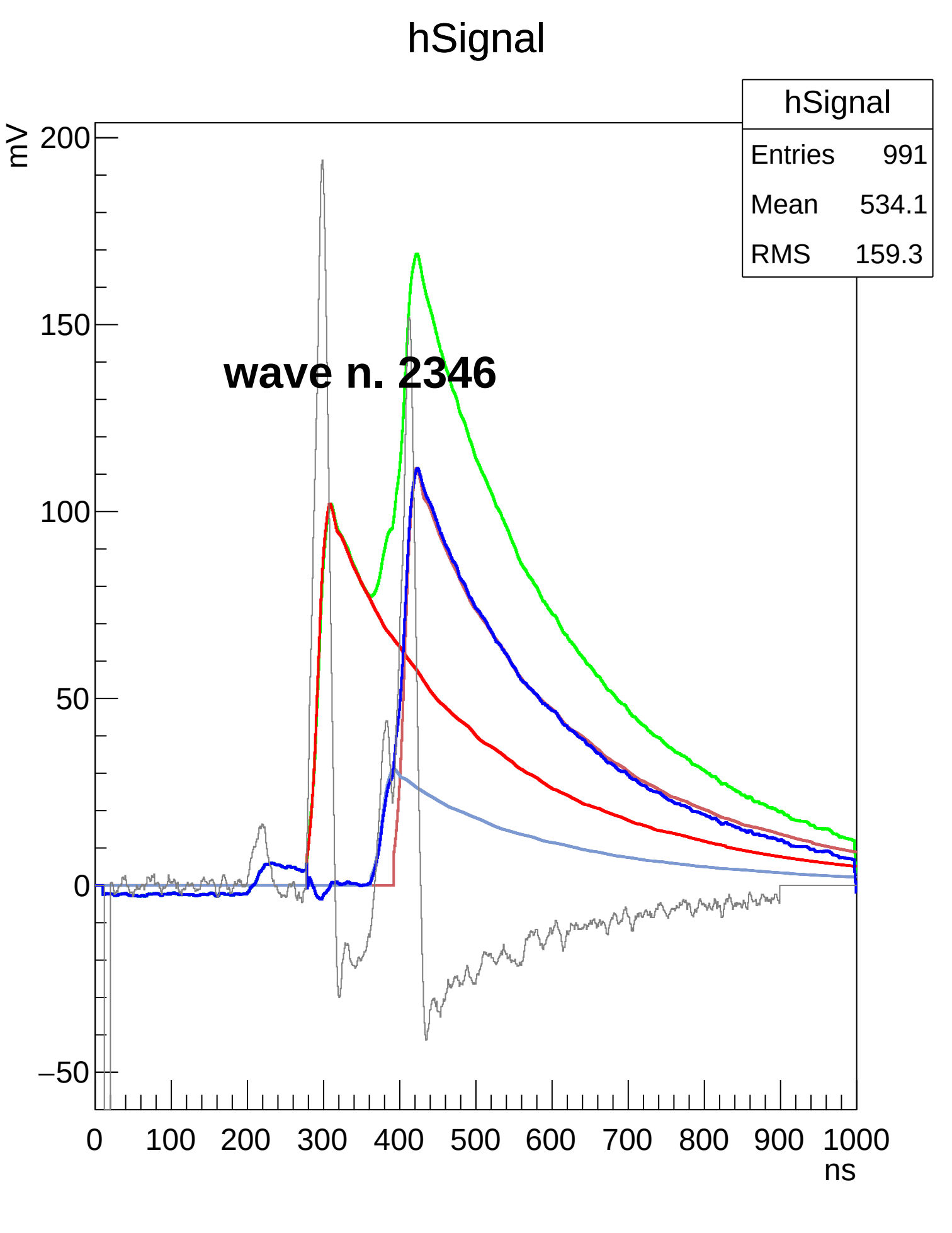
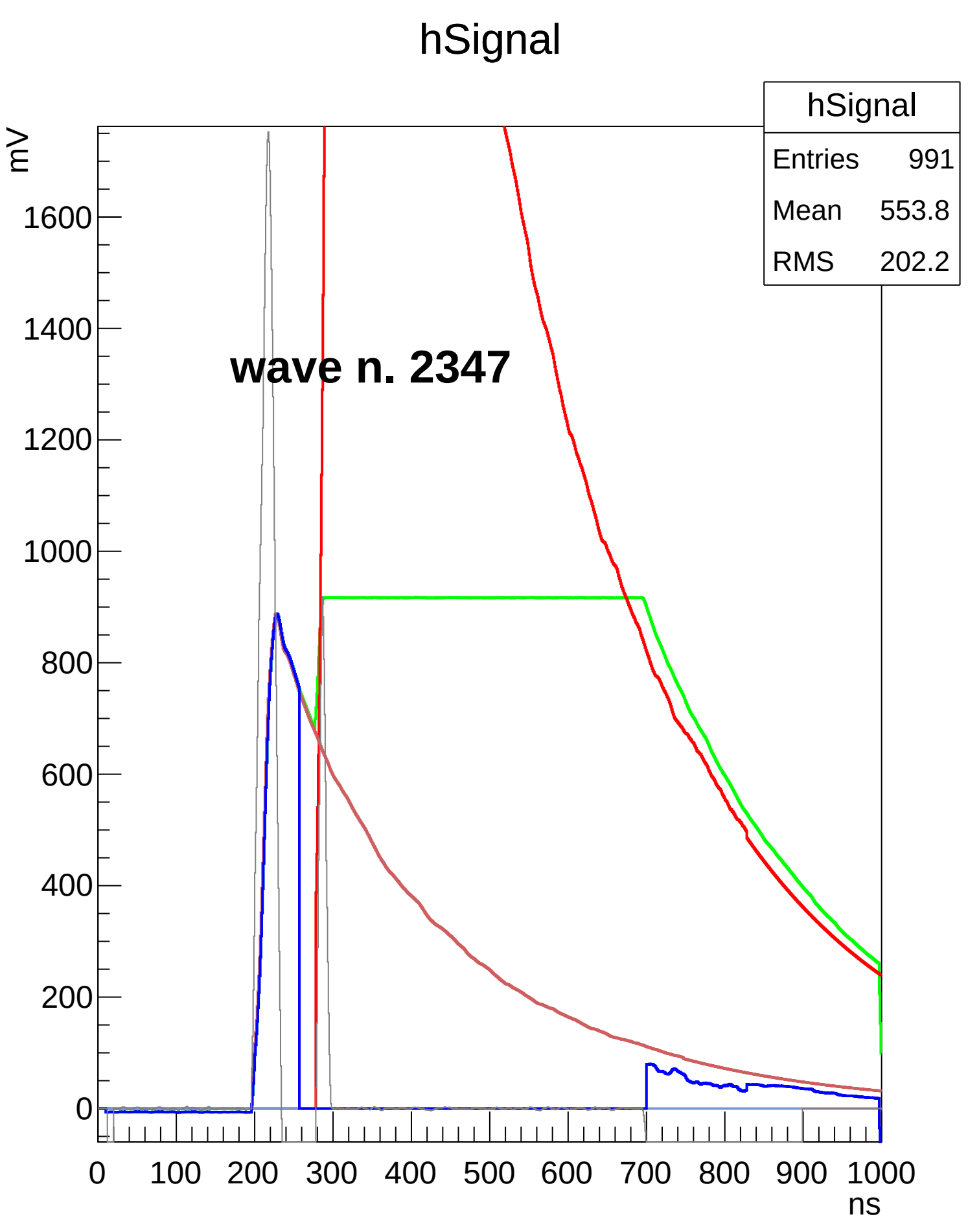
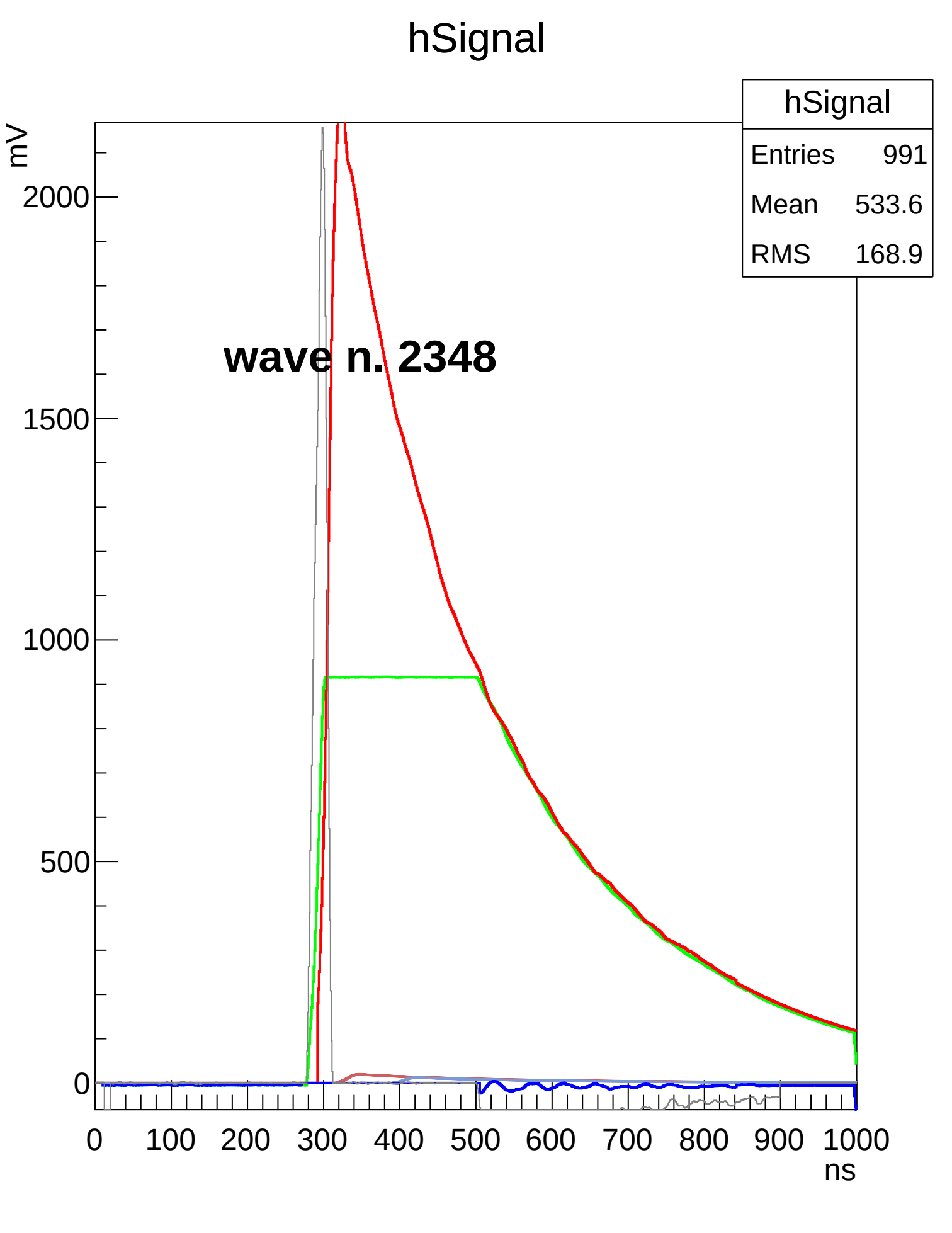
400
500
600
700
800
900
1000
ns

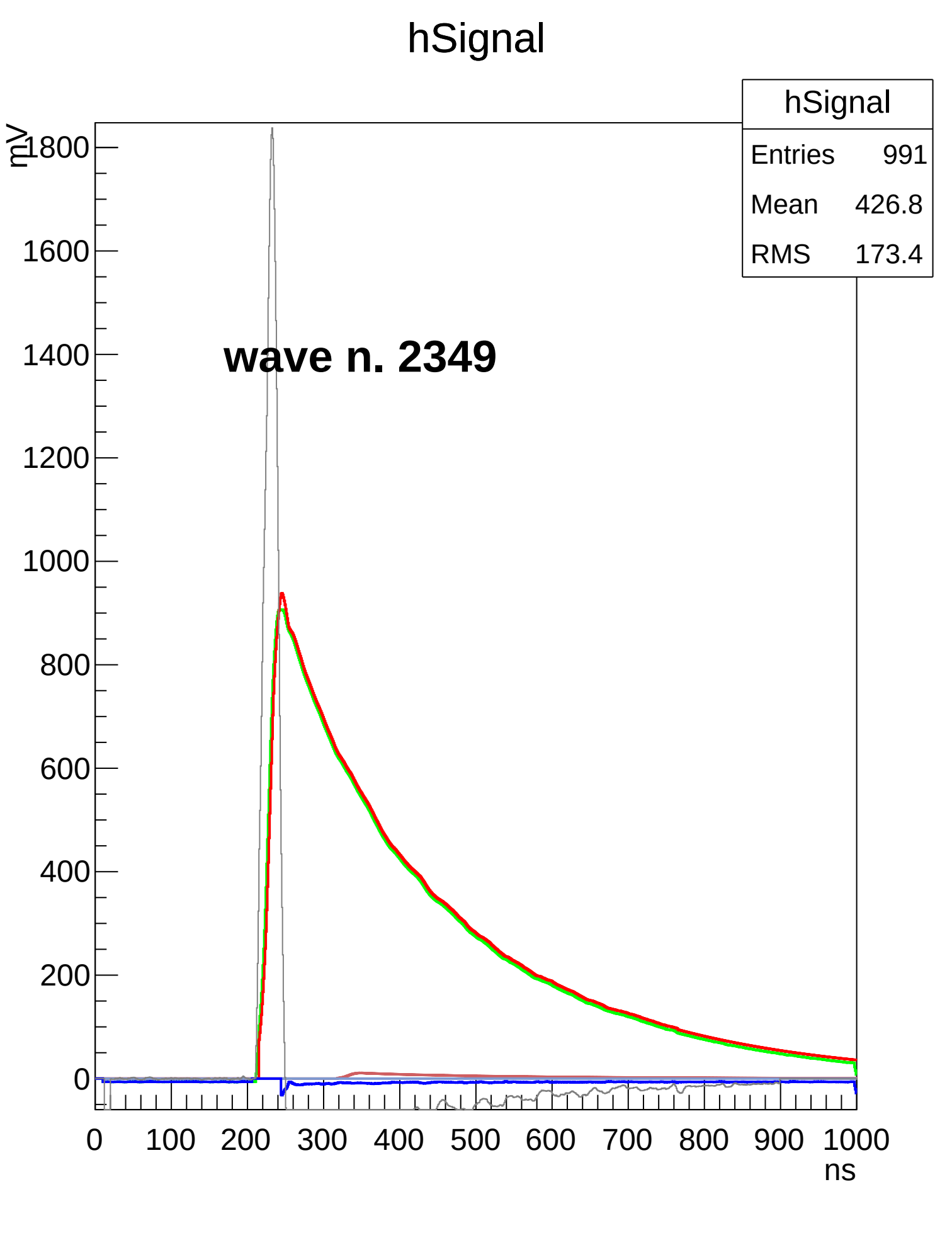

hSignal
hSignal
Entries 991
Mean 567.8
RMS 156.4
wave n. 2344
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

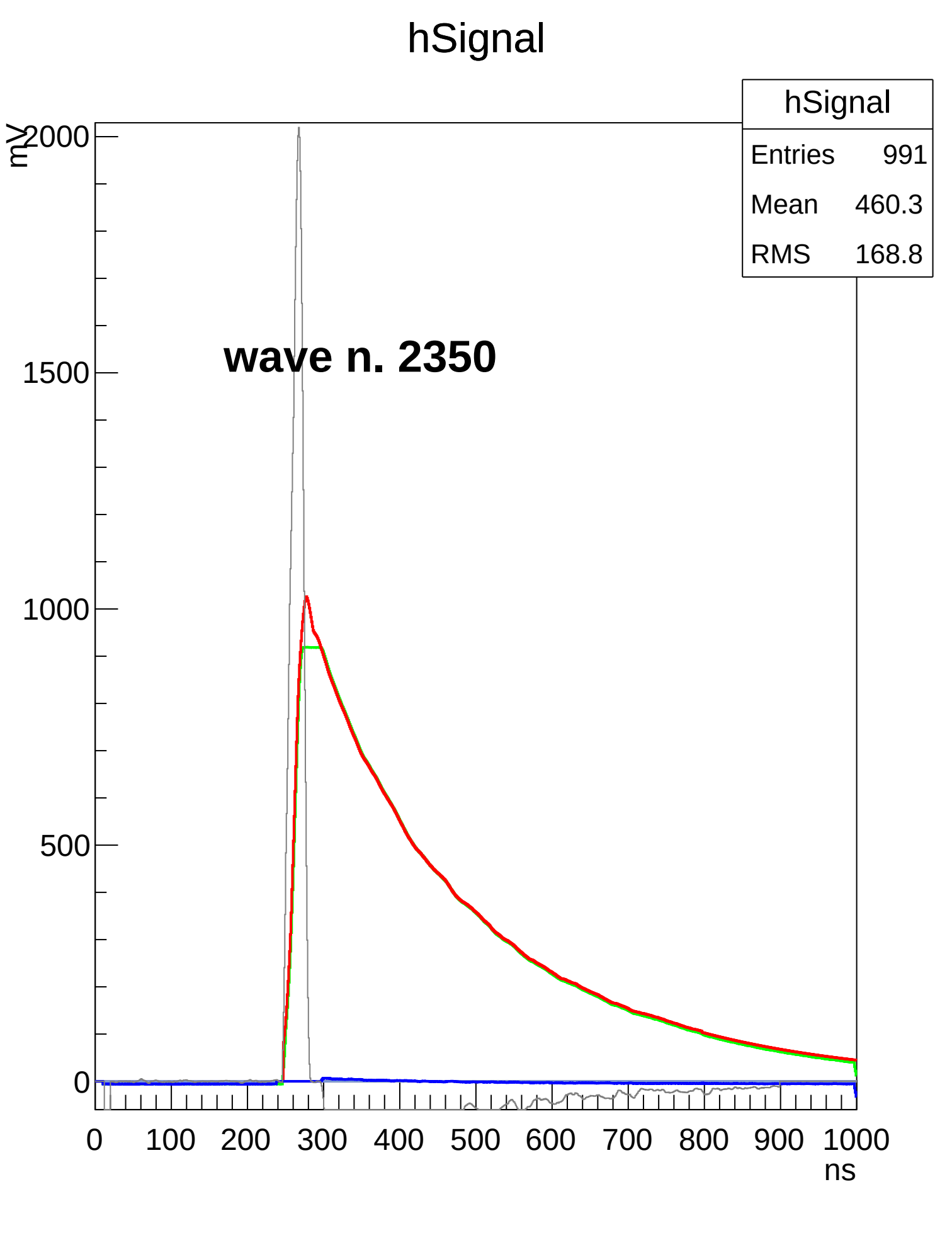

hSignal
hSignal
Entries 991
Mean 443.4
RMS 179.7
wave n. 2345
mV
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns

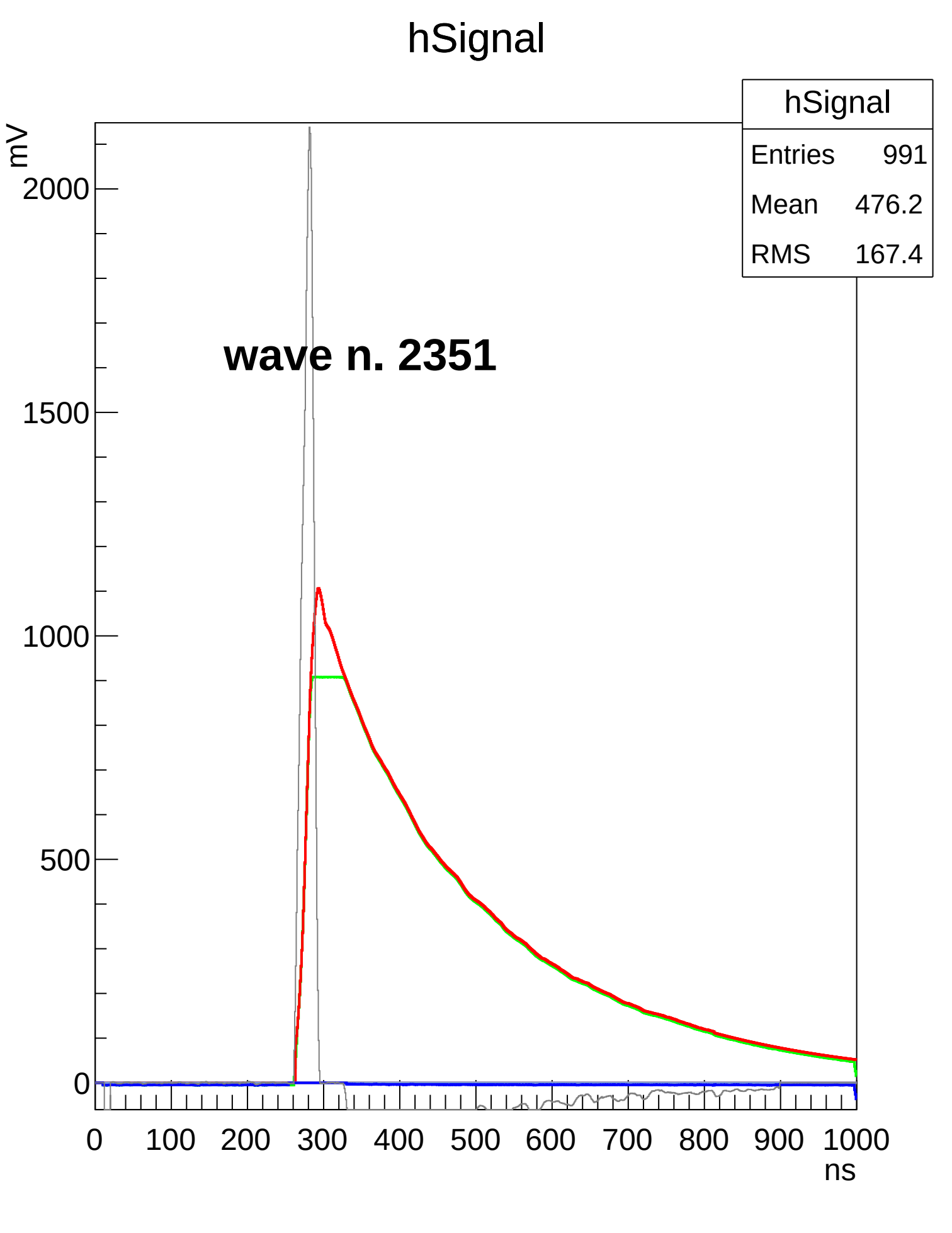

hSignal
hSignal
Entries 991
Mean 534.1
RMS 159.3
wave n. 2346
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

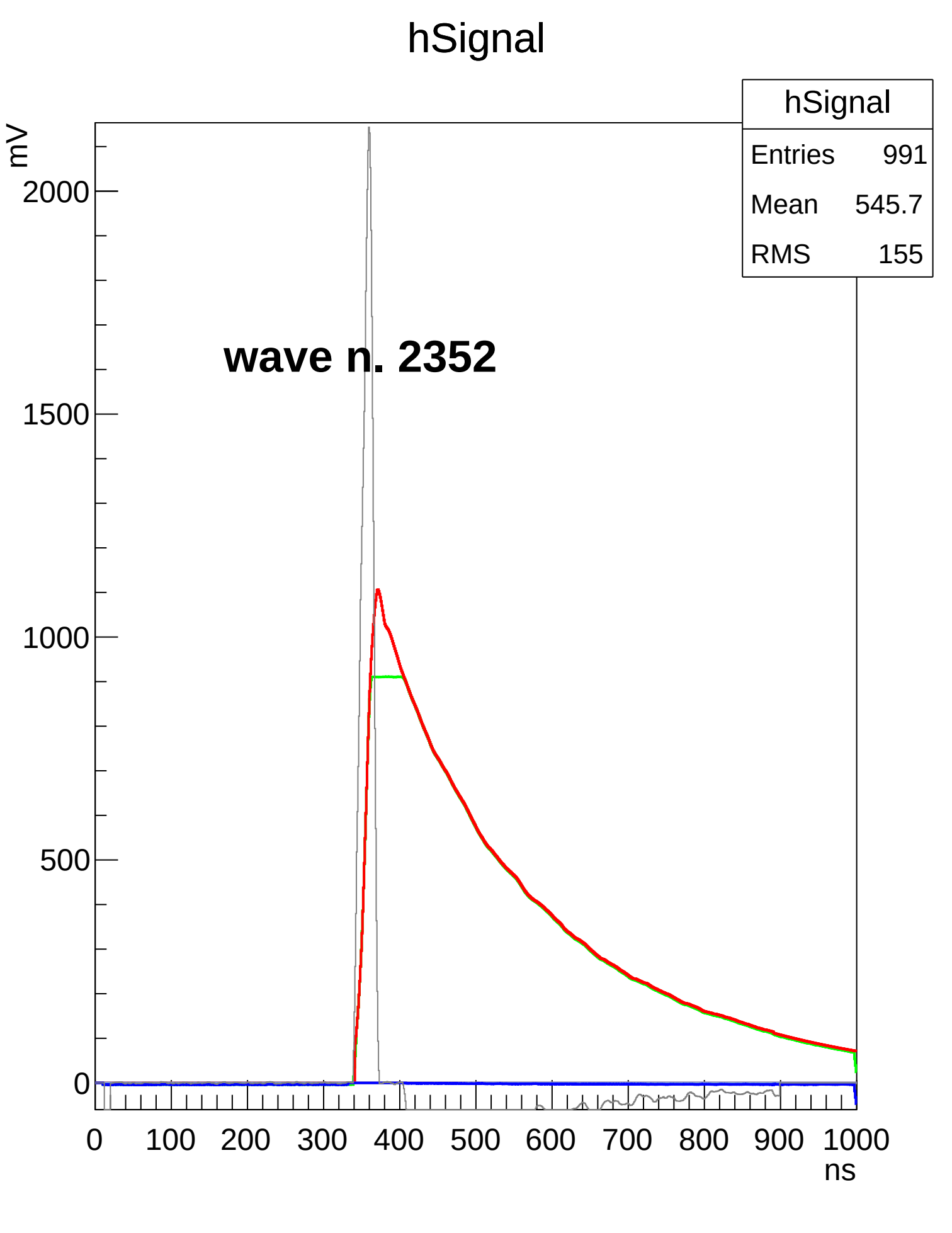

hSignal
hSignal
Entries 991
Mean 553.8
RMS 202.2
wave n. 2347
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 533.6
RMS 168.9
wave n. 2348
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 426.8
RMS 173.4
wave n. 2349
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 460.3
RMS 168.8
wave n. 2350
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 476.2
RMS 167.4
wave n. 2351
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 545.7
RMS 155
wave n. 2352
mV
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1500
1000
500
0
0
100
200
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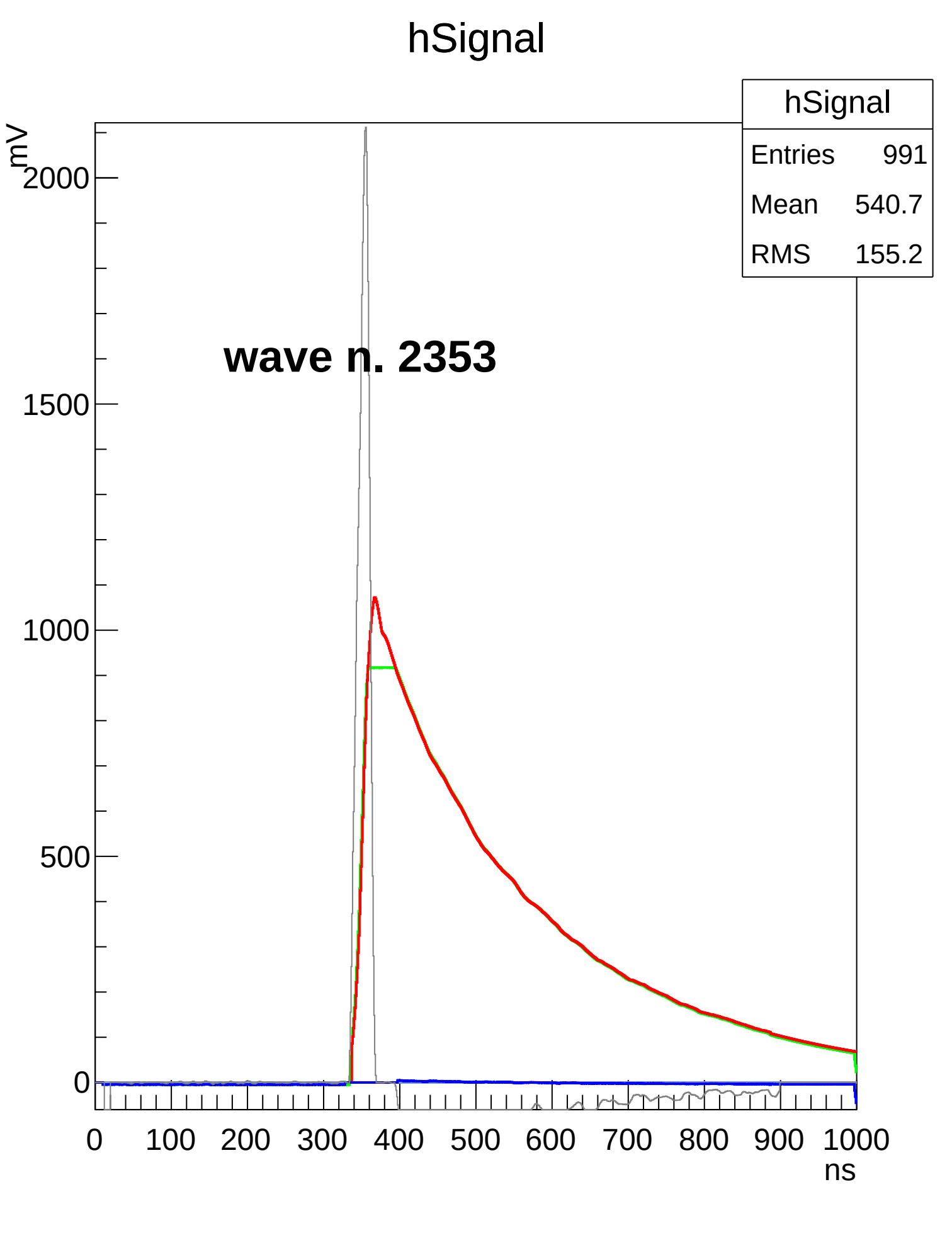
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 540.7
RMS 155.2
wave n. 2353
mV
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1500
1000
500
0
0
100
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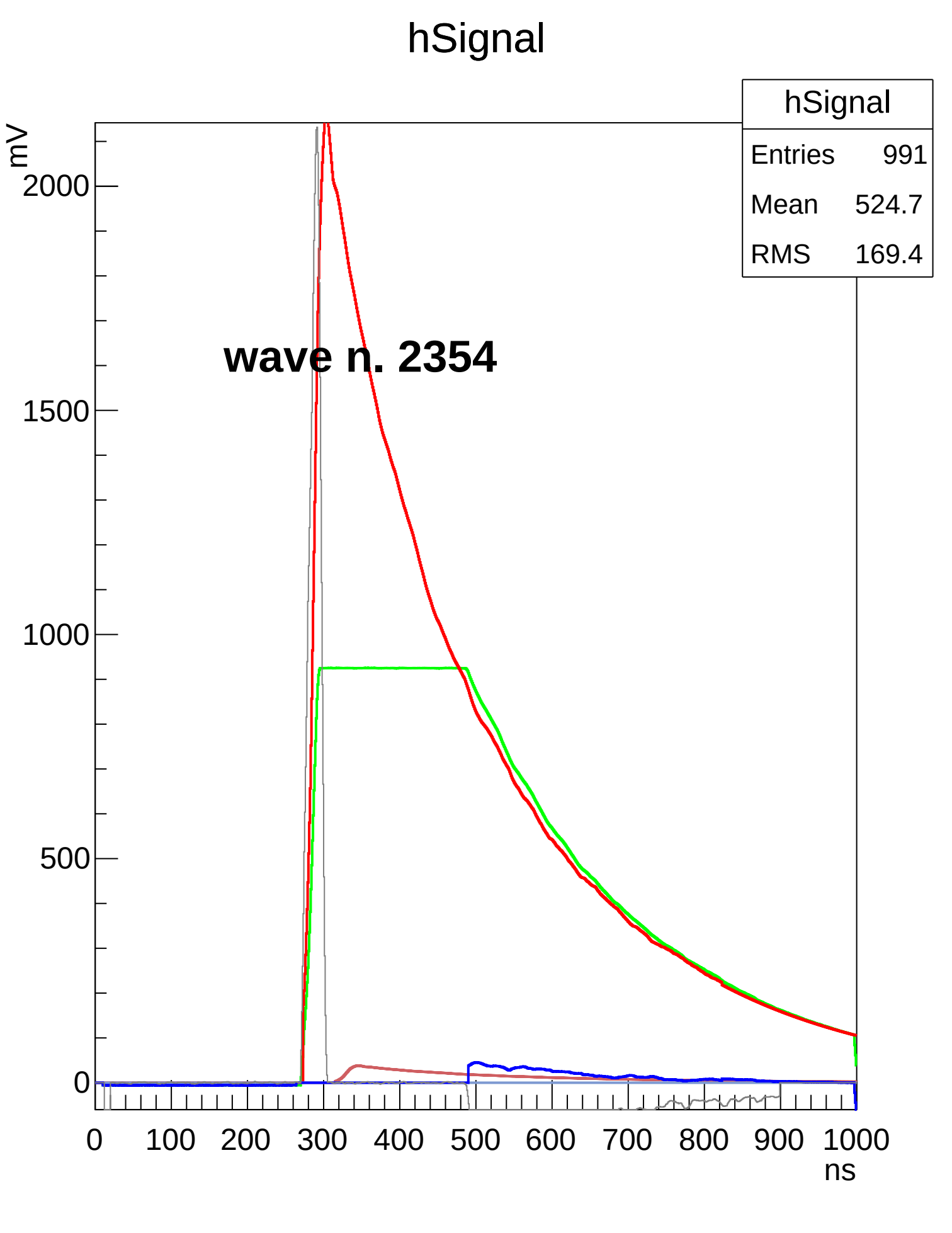
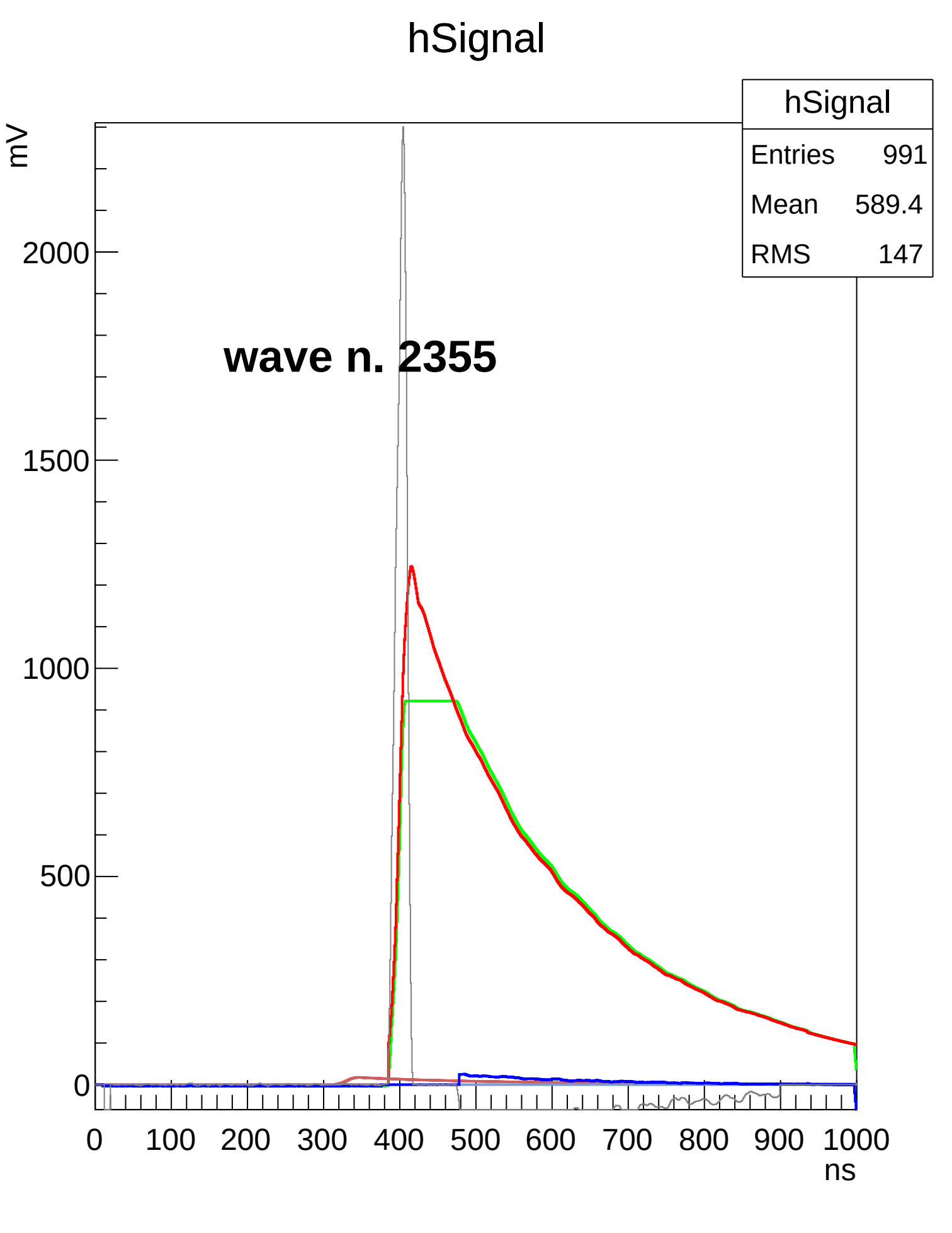
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 524.7
RMS 169.4
wave n. 2354
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 589.4
RMS 147
wave n. 2355
mV
2000
1500
1000
500
0
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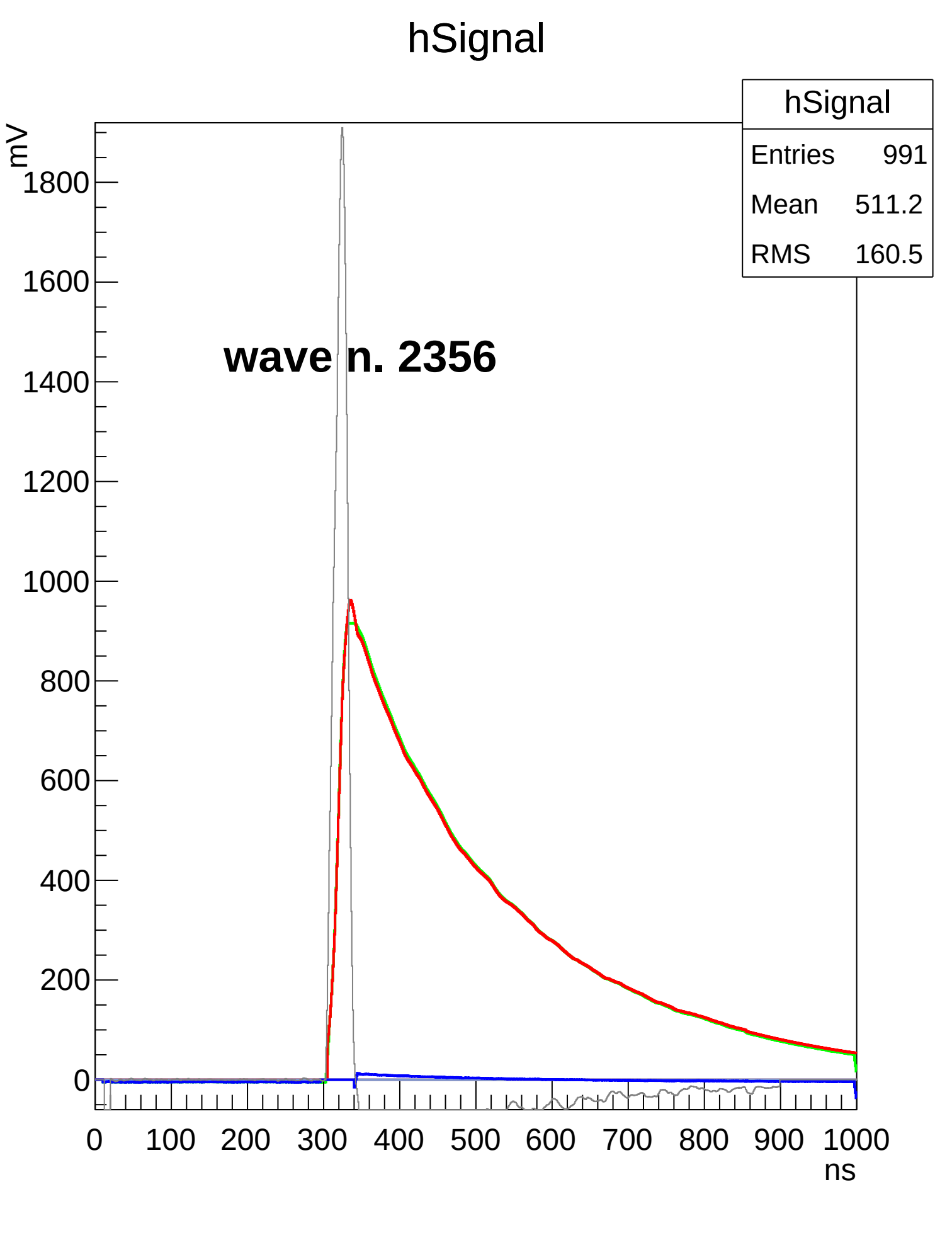
ns


hSignal
hSignal
Entries 991
Mean 511.2
RMS 160.5
wave n. 2356
mV
1800
1600
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1000
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200
0
0
100
200
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400
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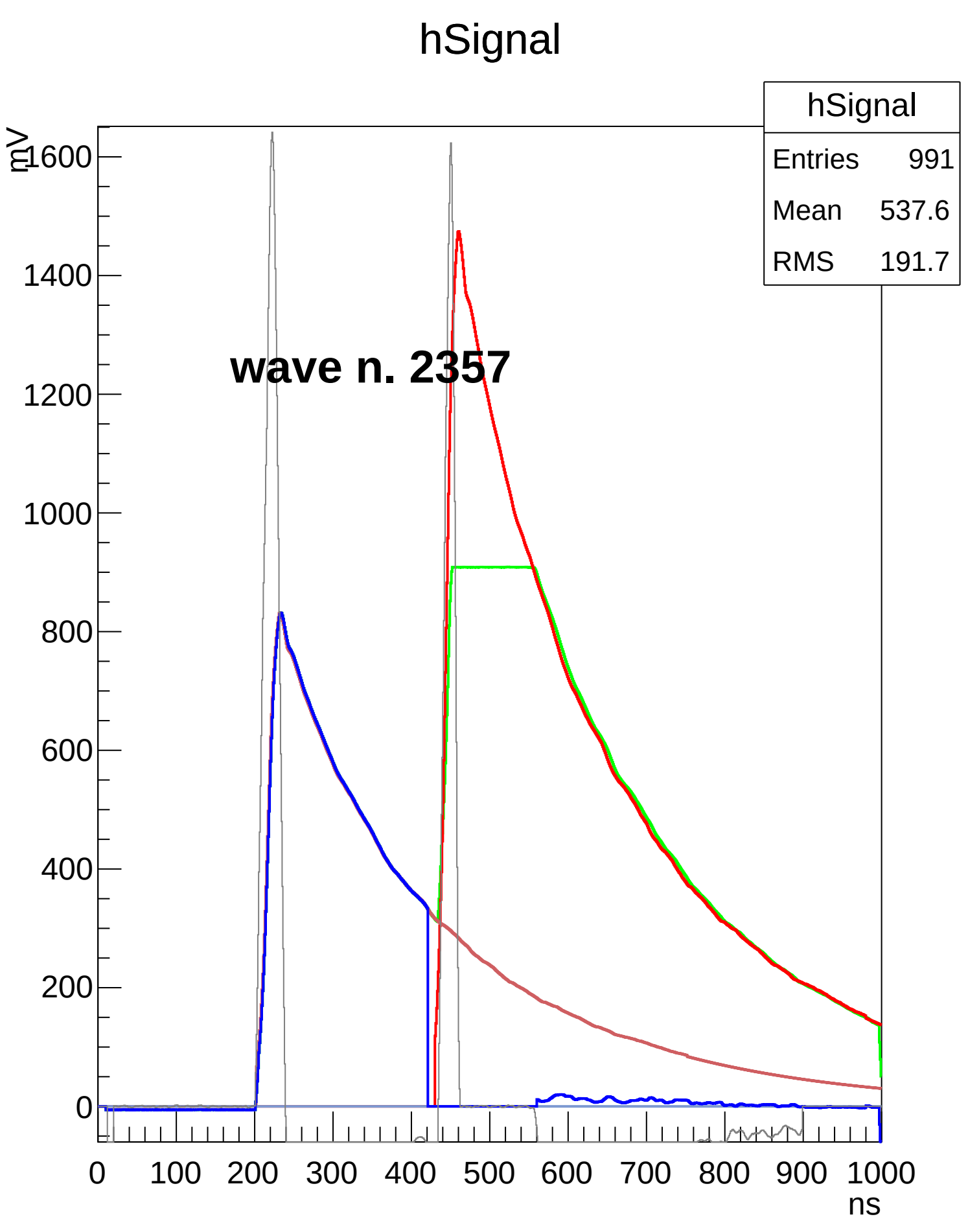
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 537.6
RMS 191.7
wave n. 2357
mV
1600
1400
1200
1000
800
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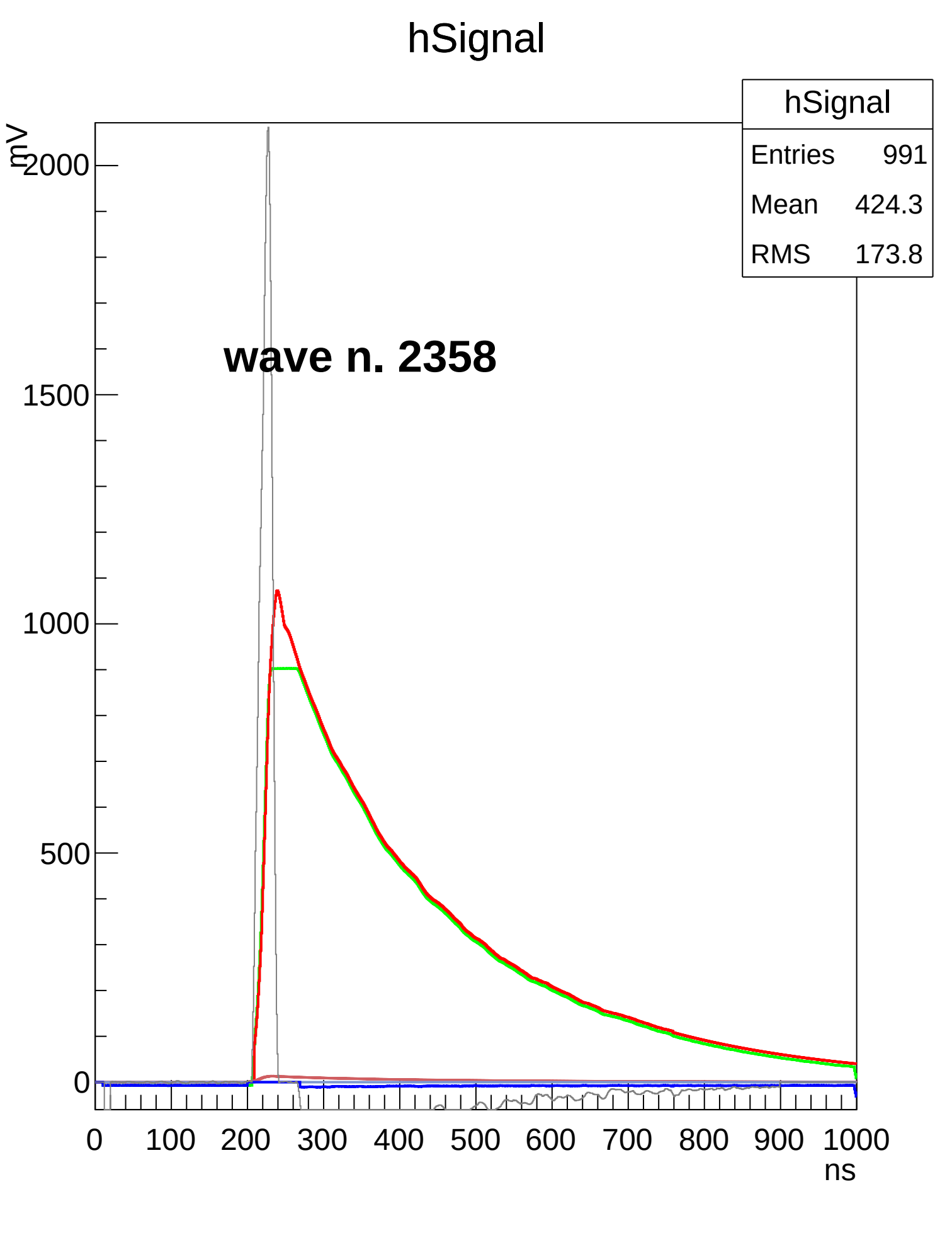
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 424.3
RMS 173.8
wave n. 2358
mV
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1500
1000
500
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200
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400
500
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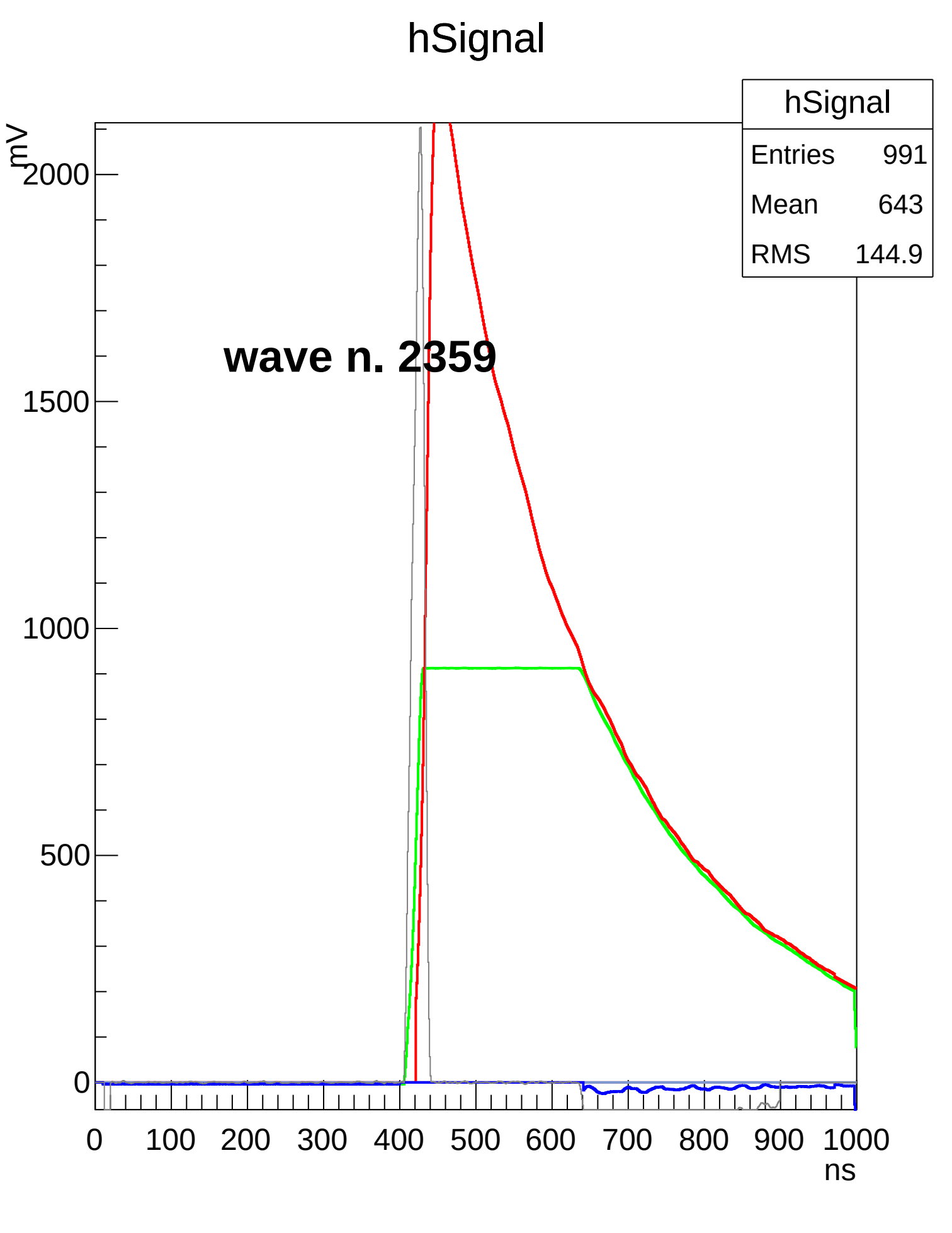
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 643
RMS 144.9
wave n. 2359
mV
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1500
1000
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0
100
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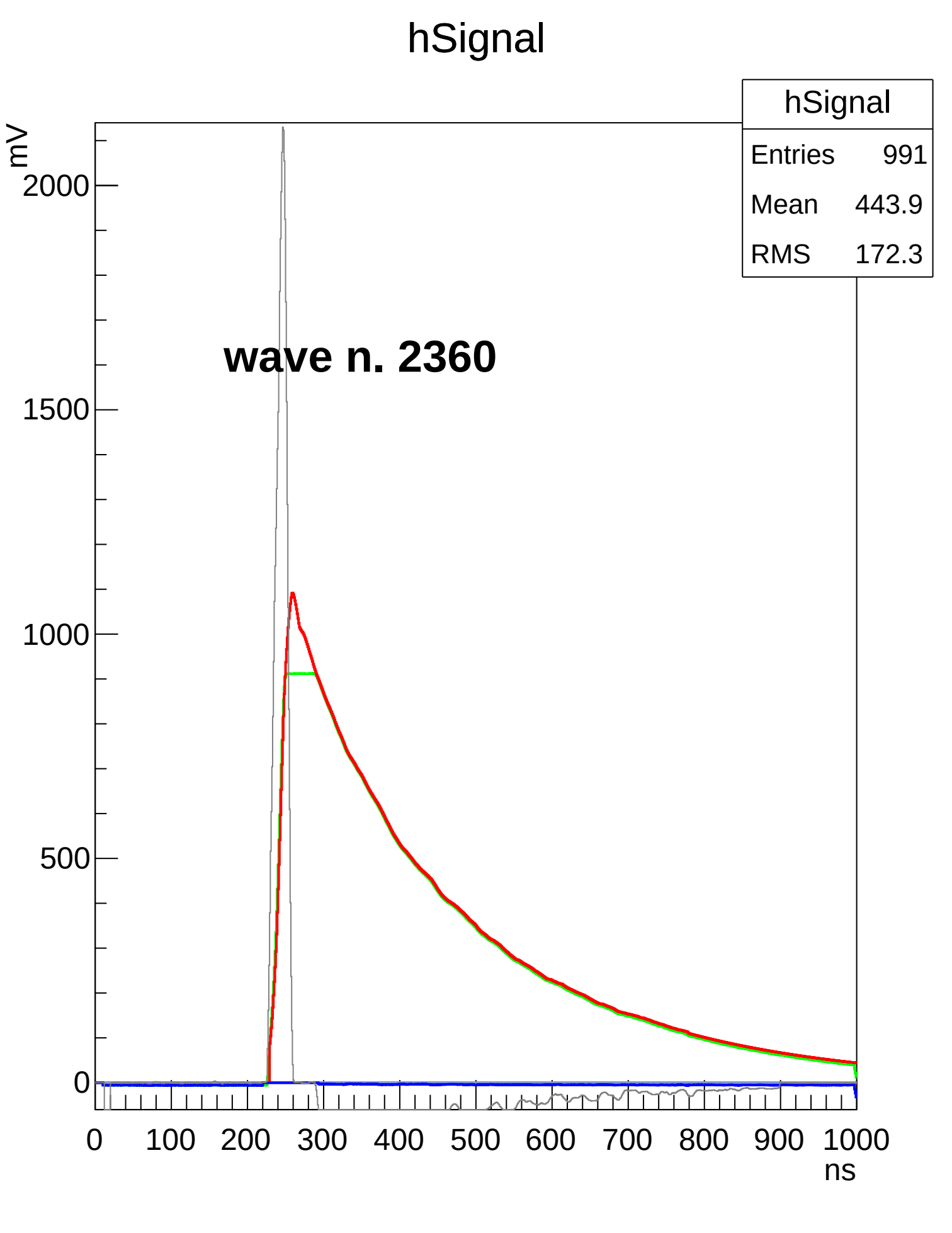
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 443.9
RMS 172.3
wave n. 2360
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1500
1000
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0
100
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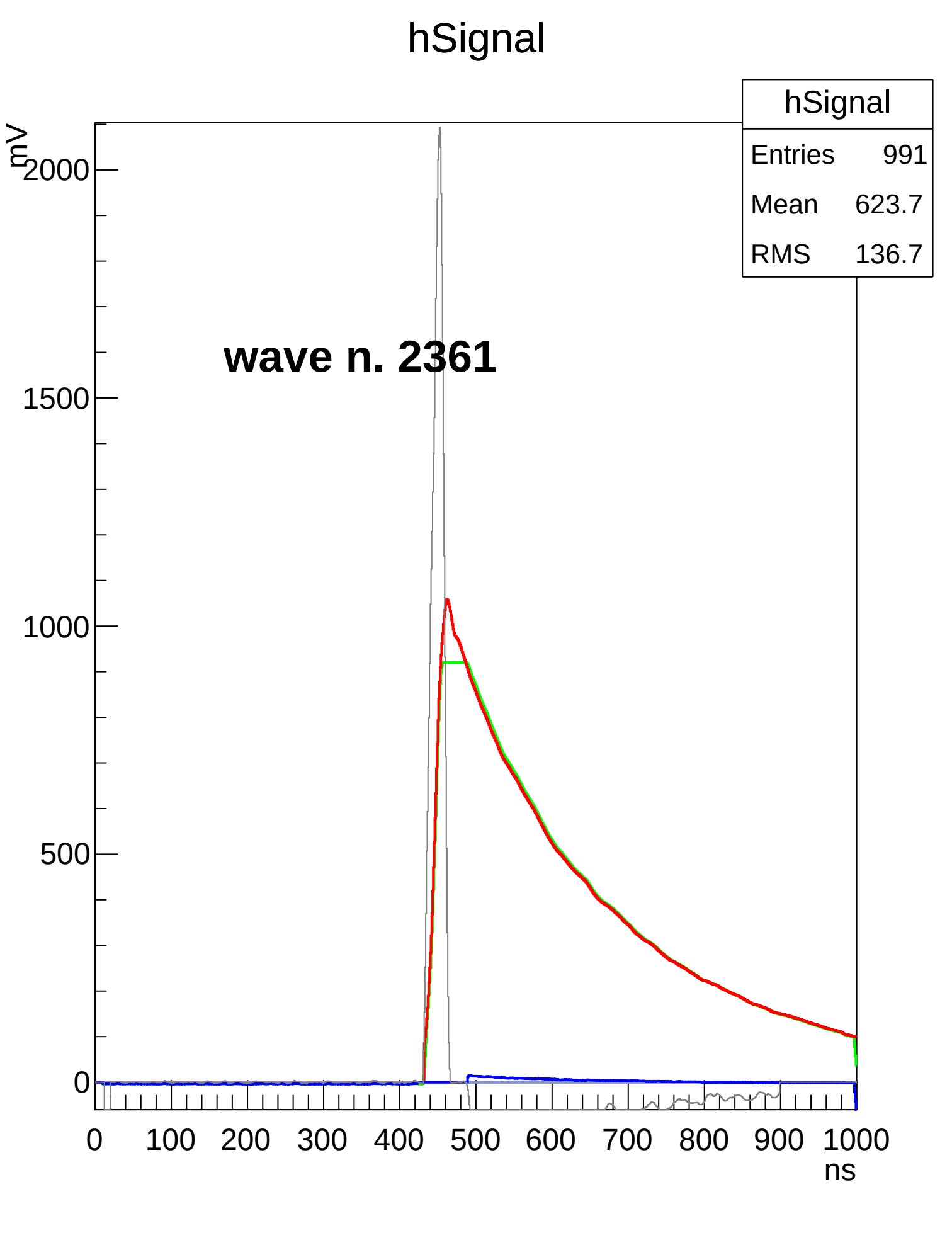
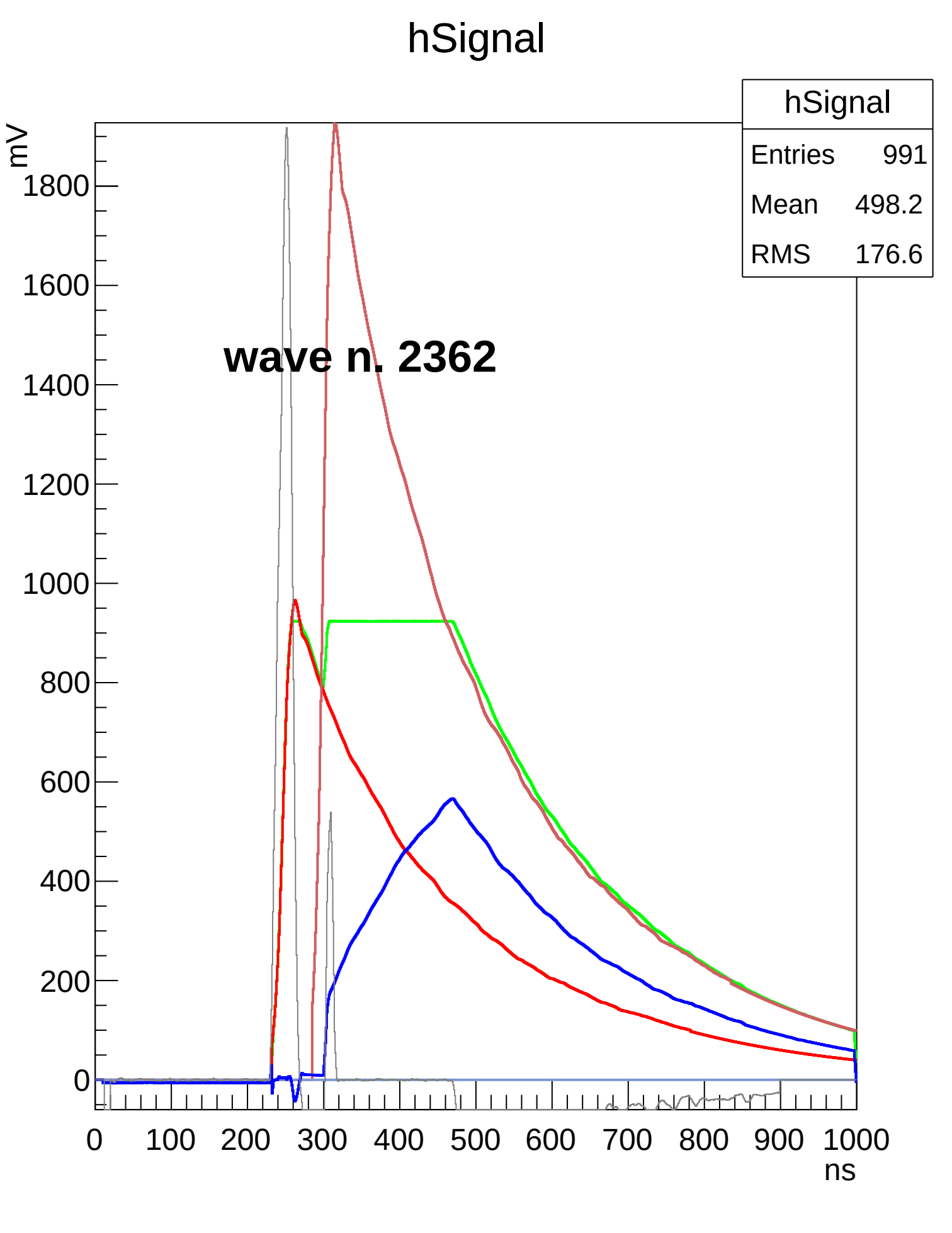
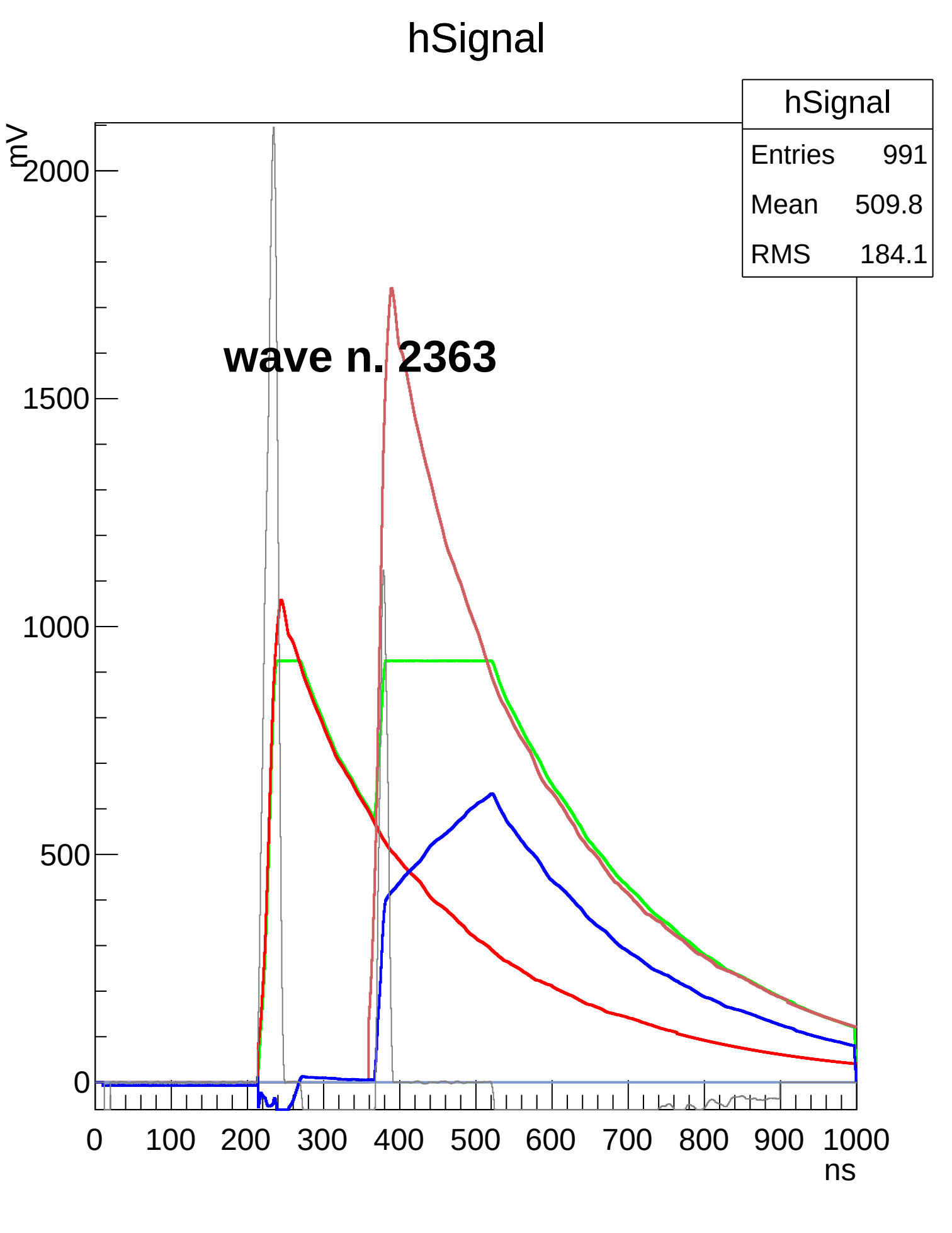
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 623.7
RMS 136.7
wave n. 2361
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 498.2
RMS 176.6
wave n. 2362
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 509.8
RMS 184.1
wave n. 2363
mV
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1500
1000
500
0
0
100
200
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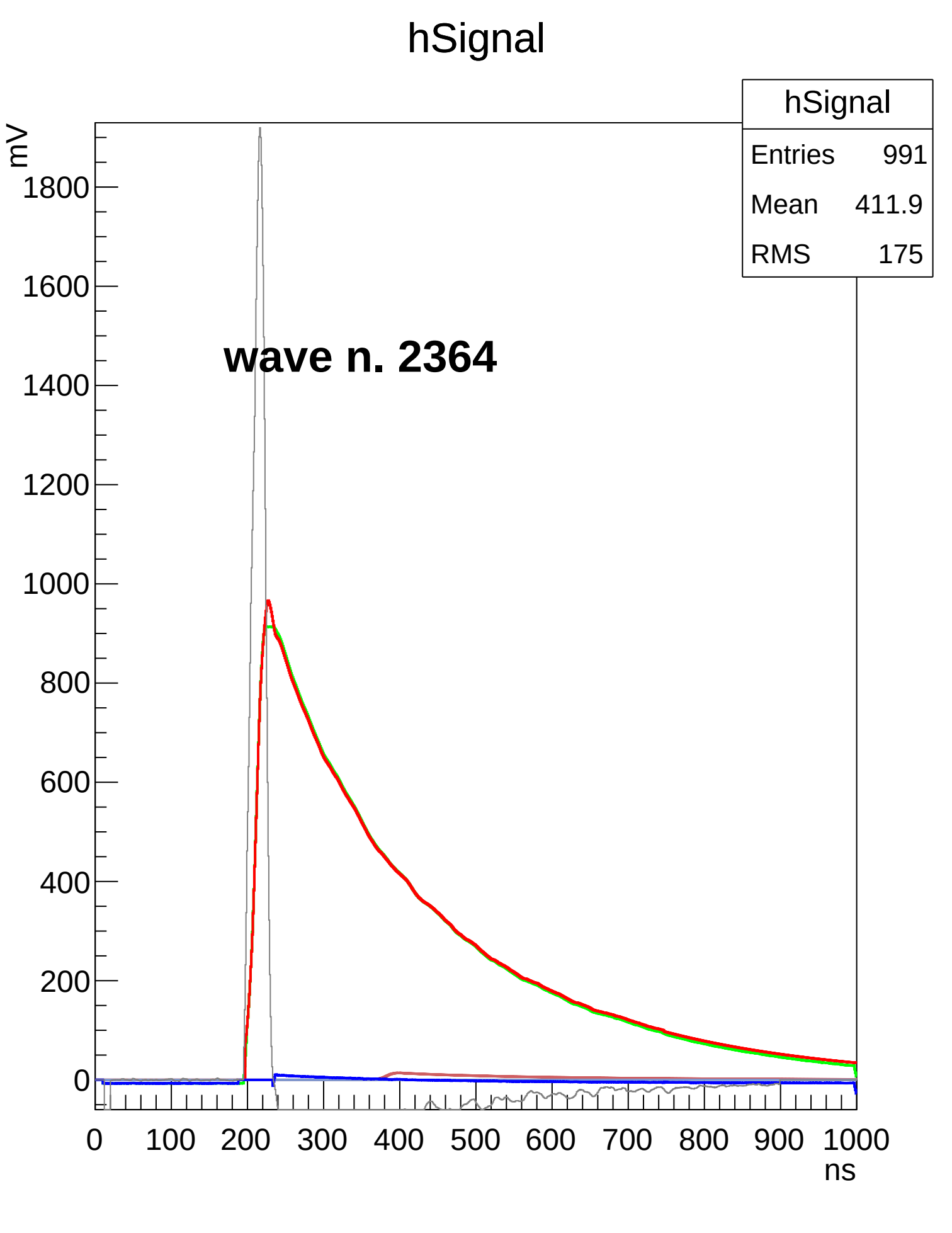
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 411.9
RMS 175
wave n. 2364
mV
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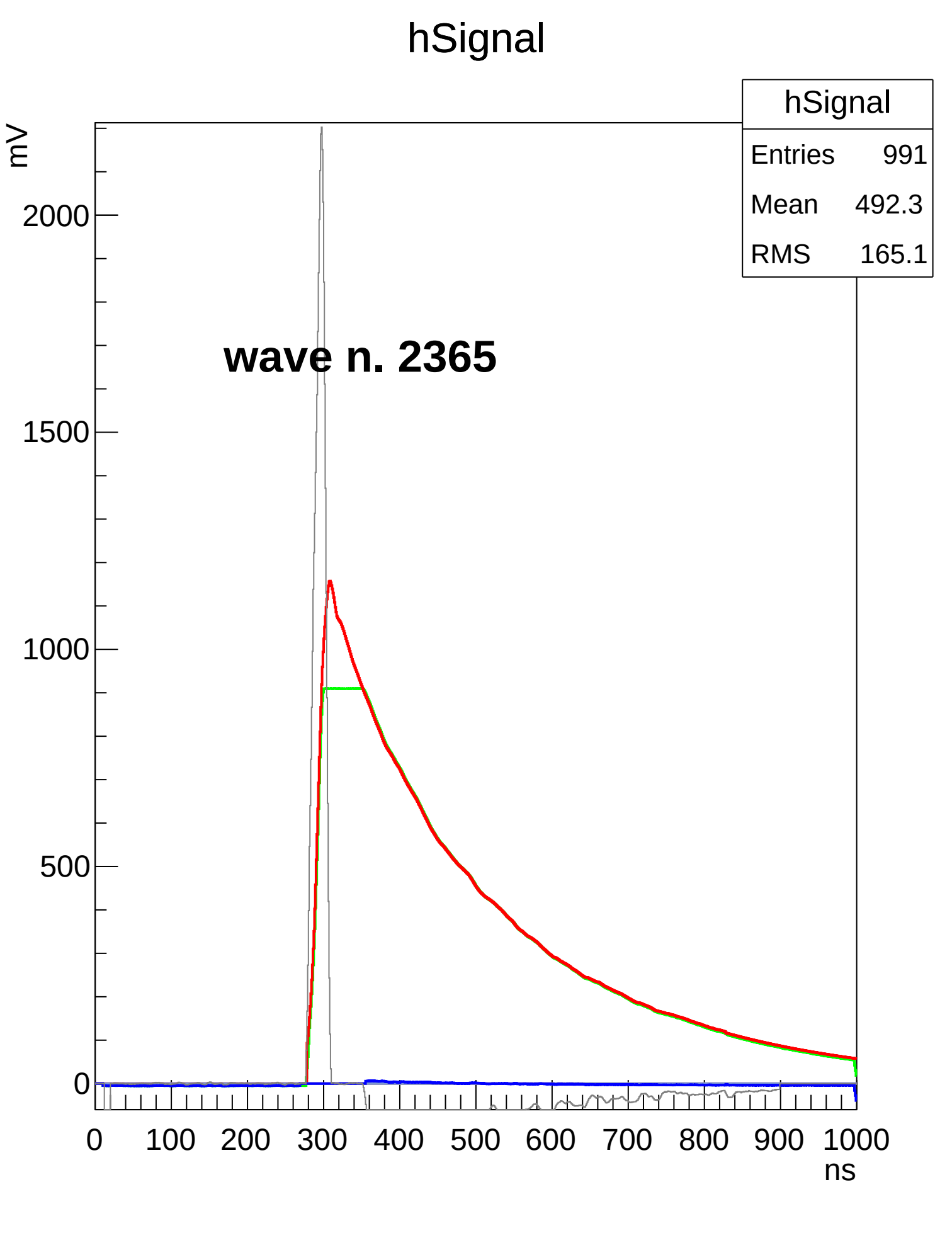
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 492.3
RMS 165.1
wave n. 2365
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1500
1000
500
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0
100
200
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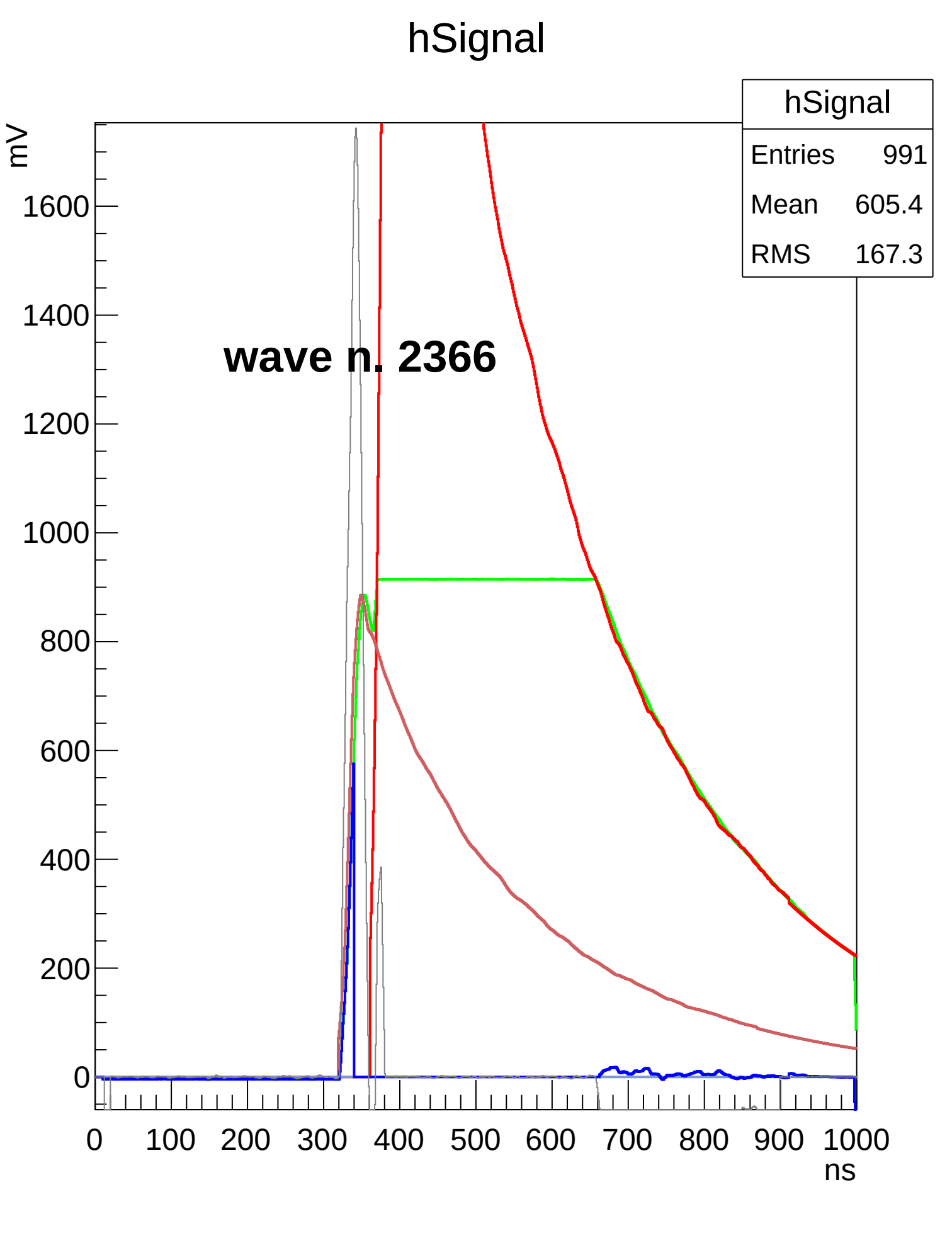
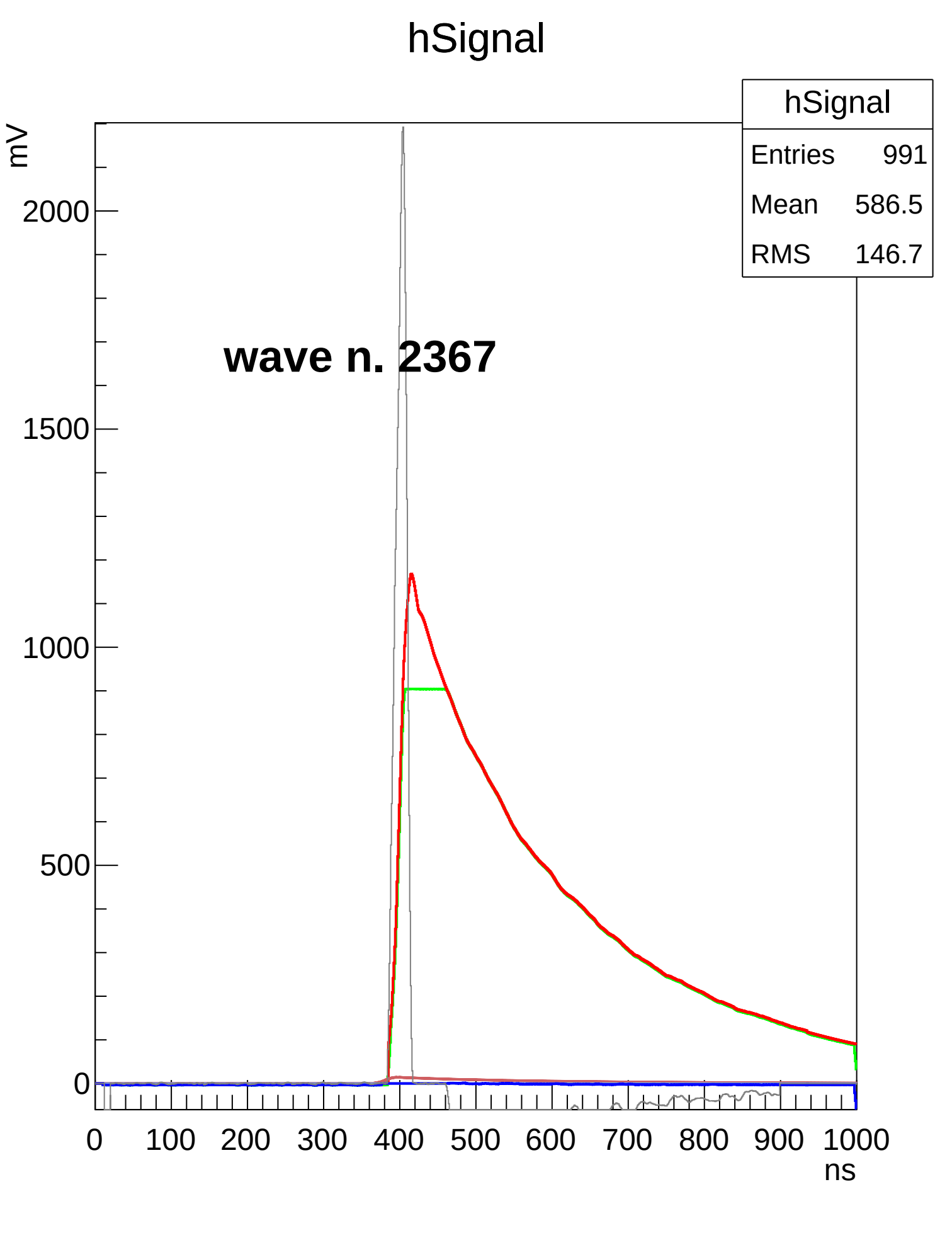
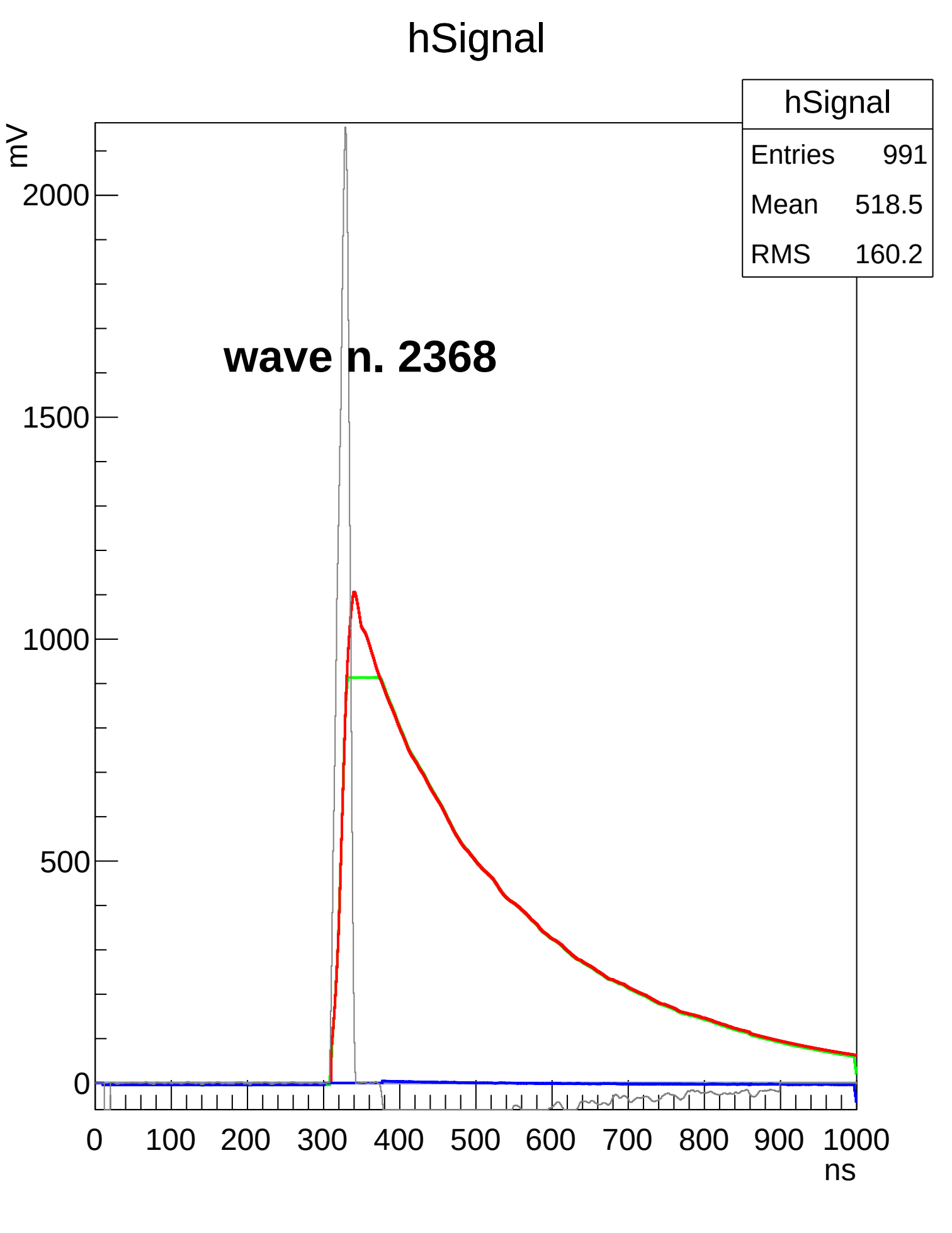
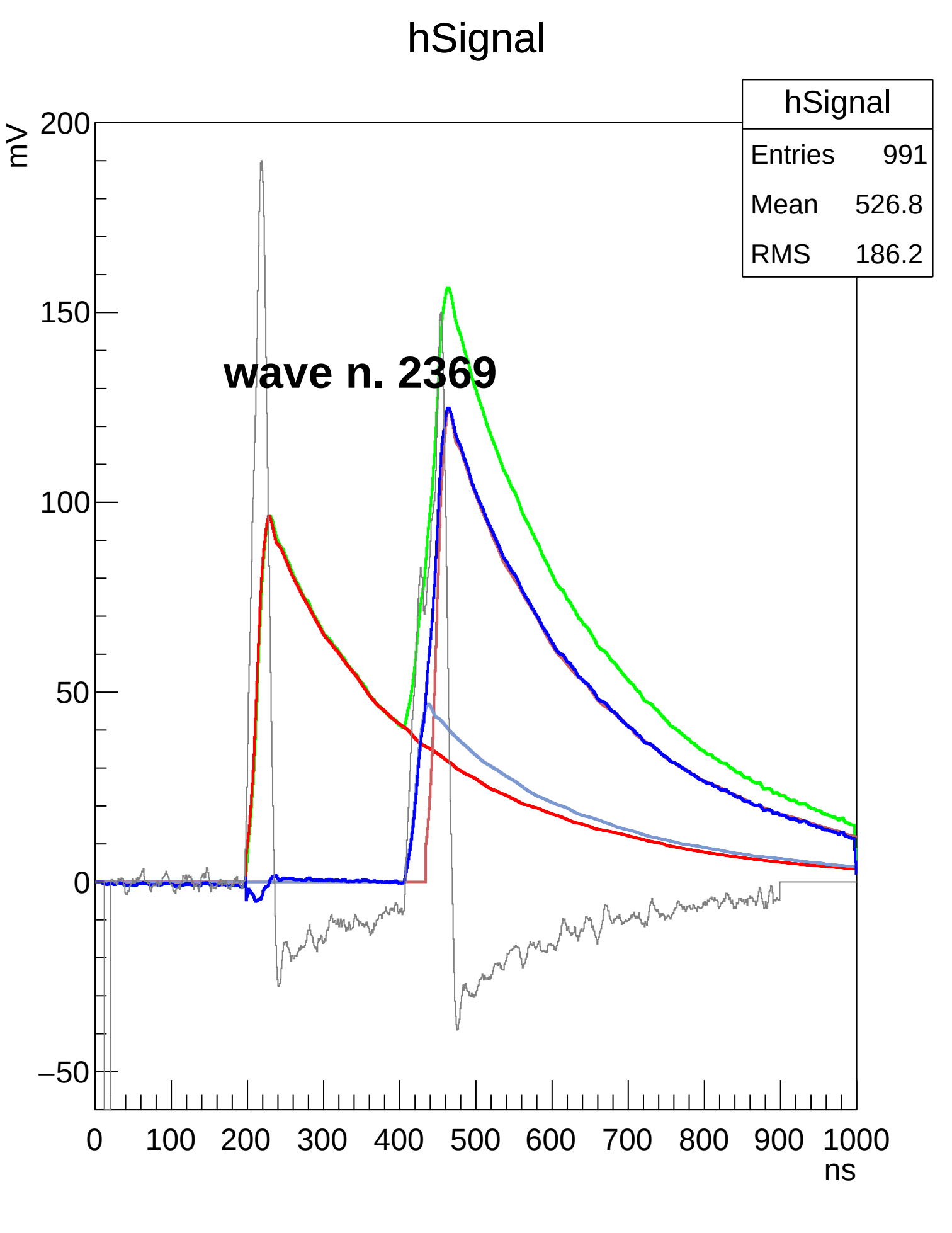
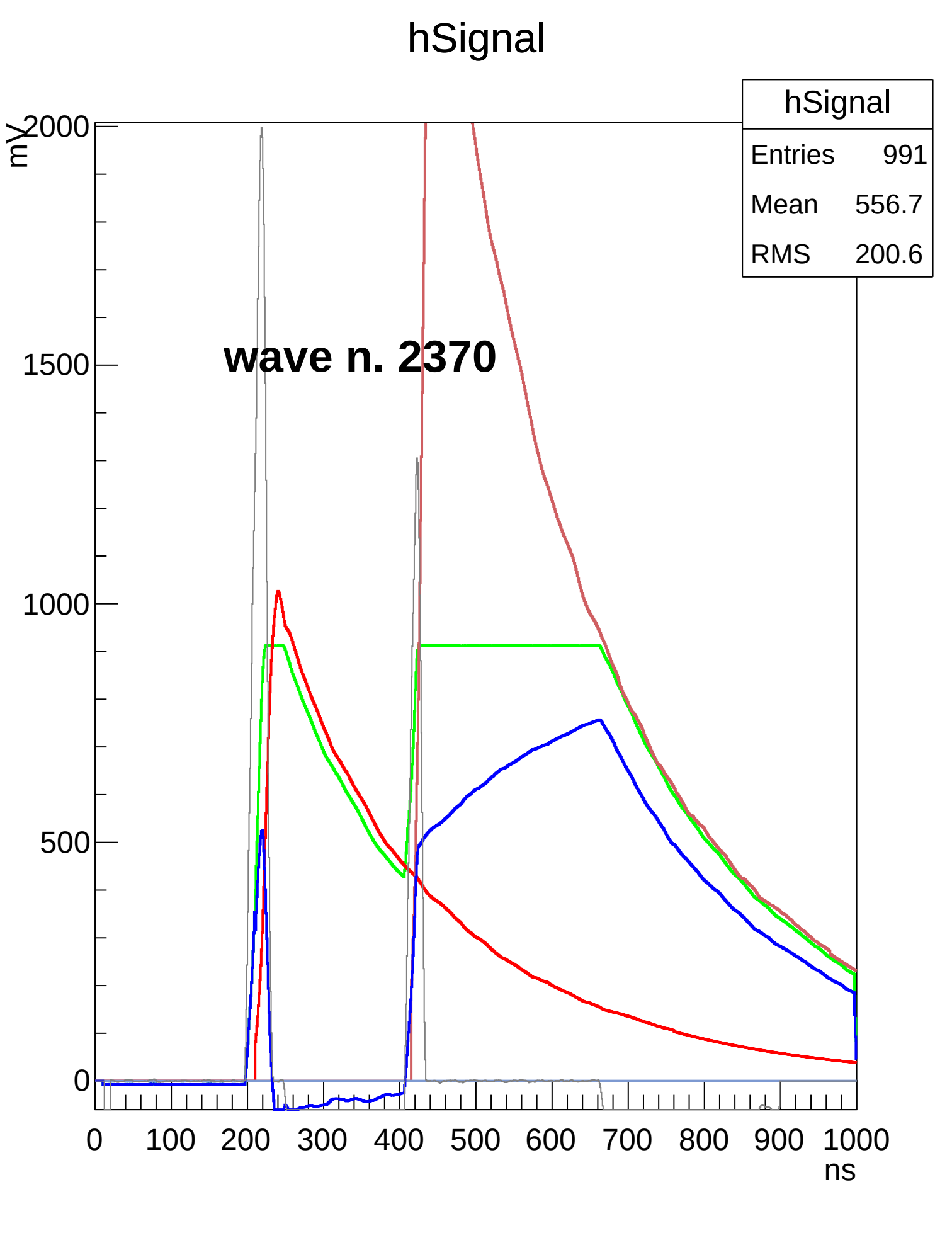
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 605.4
RMS 167.3
wave n. 2366
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 586.5
RMS 146.7
wave n. 2367
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.5
RMS 160.2
wave n. 2368
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 526.8
RMS 186.2
wave n. 2369
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns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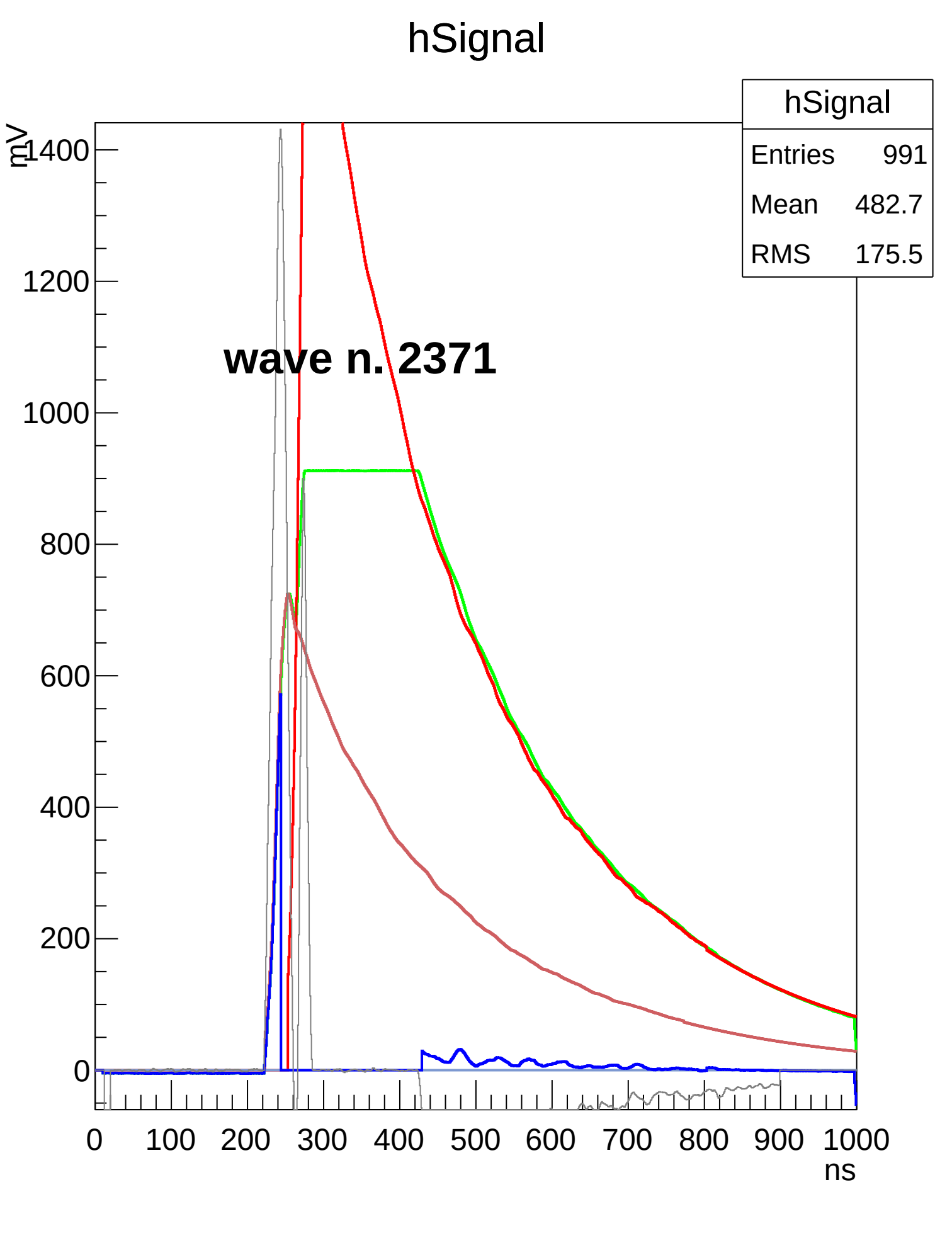
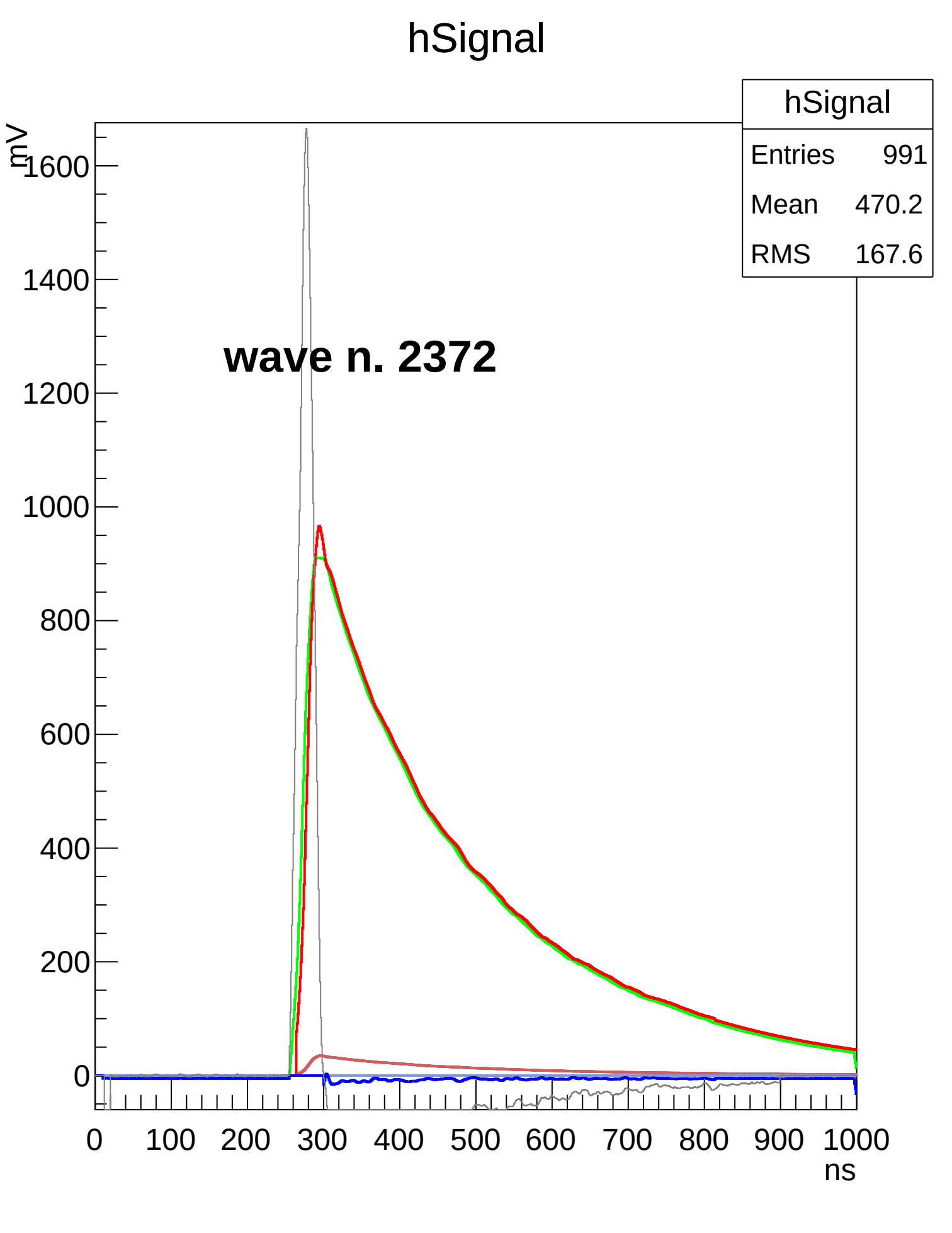
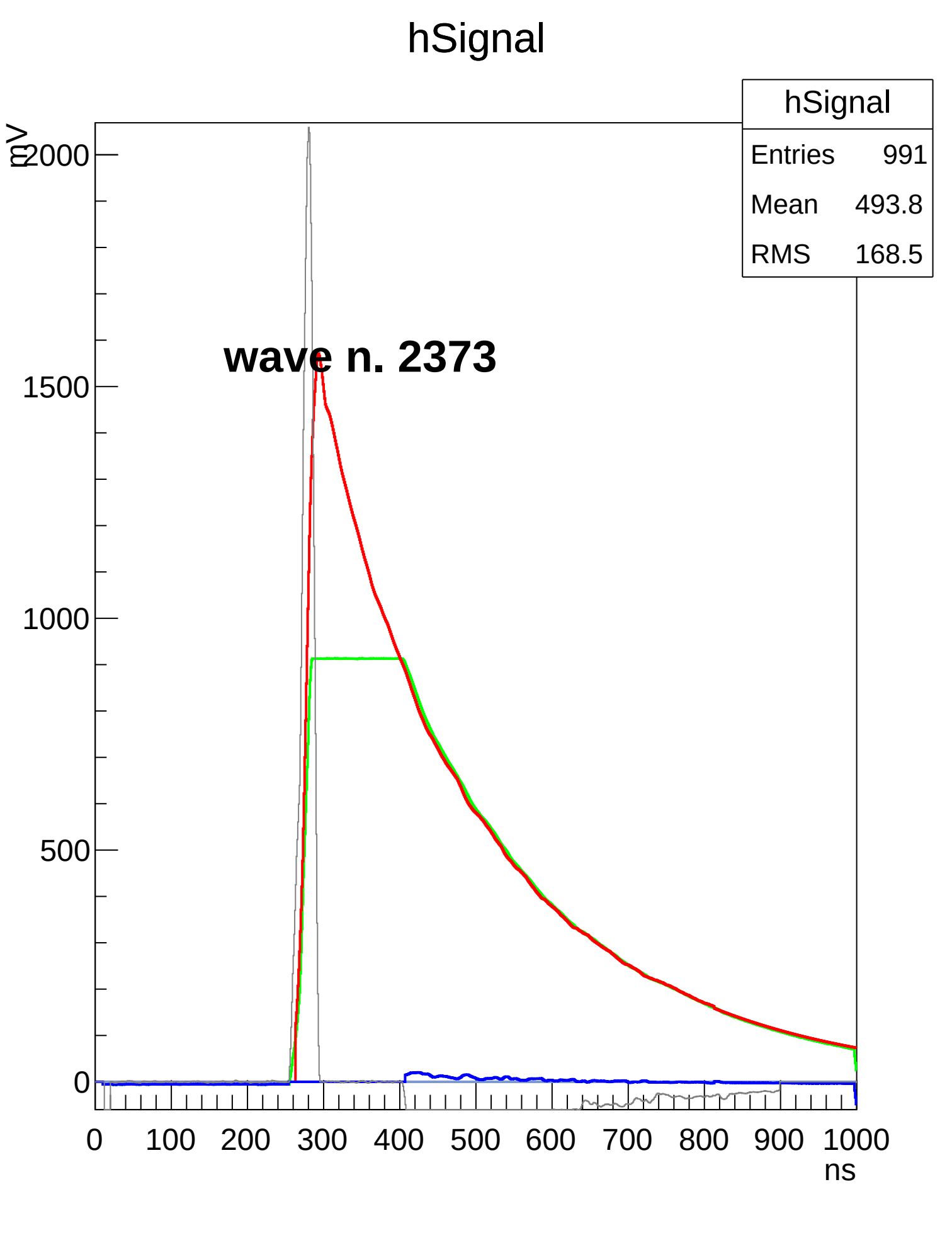
hSignal
Entries 991
Mean 556.7
RMS 200.6
wave n. 2370
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 482.7
RMS 175.5
wave n. 2371
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 470.2
RMS 167.6
wave n. 2372
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 493.8
RMS 168.5
wave n. 2373
mV
2000
1500
1000
500
0
0
100
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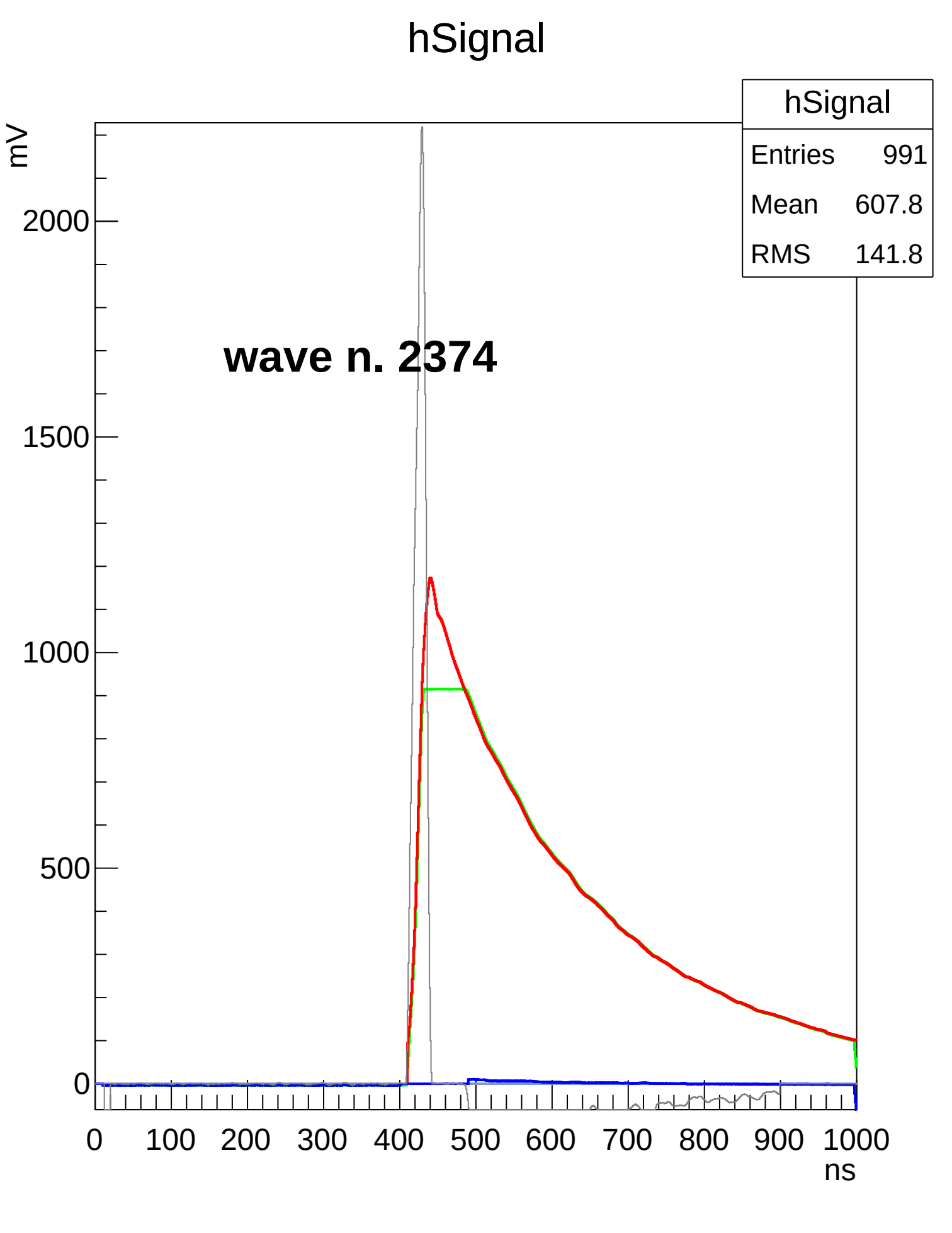
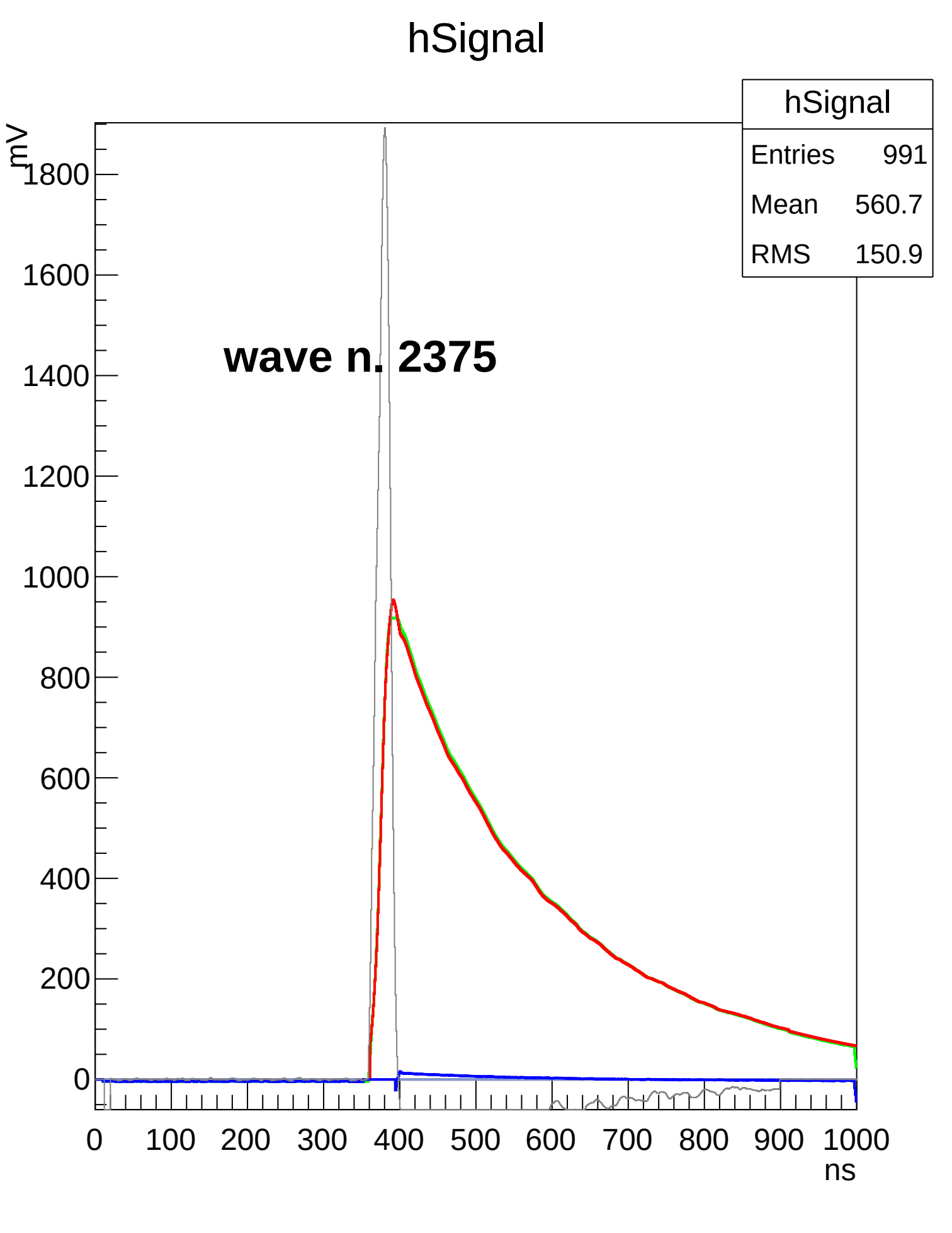
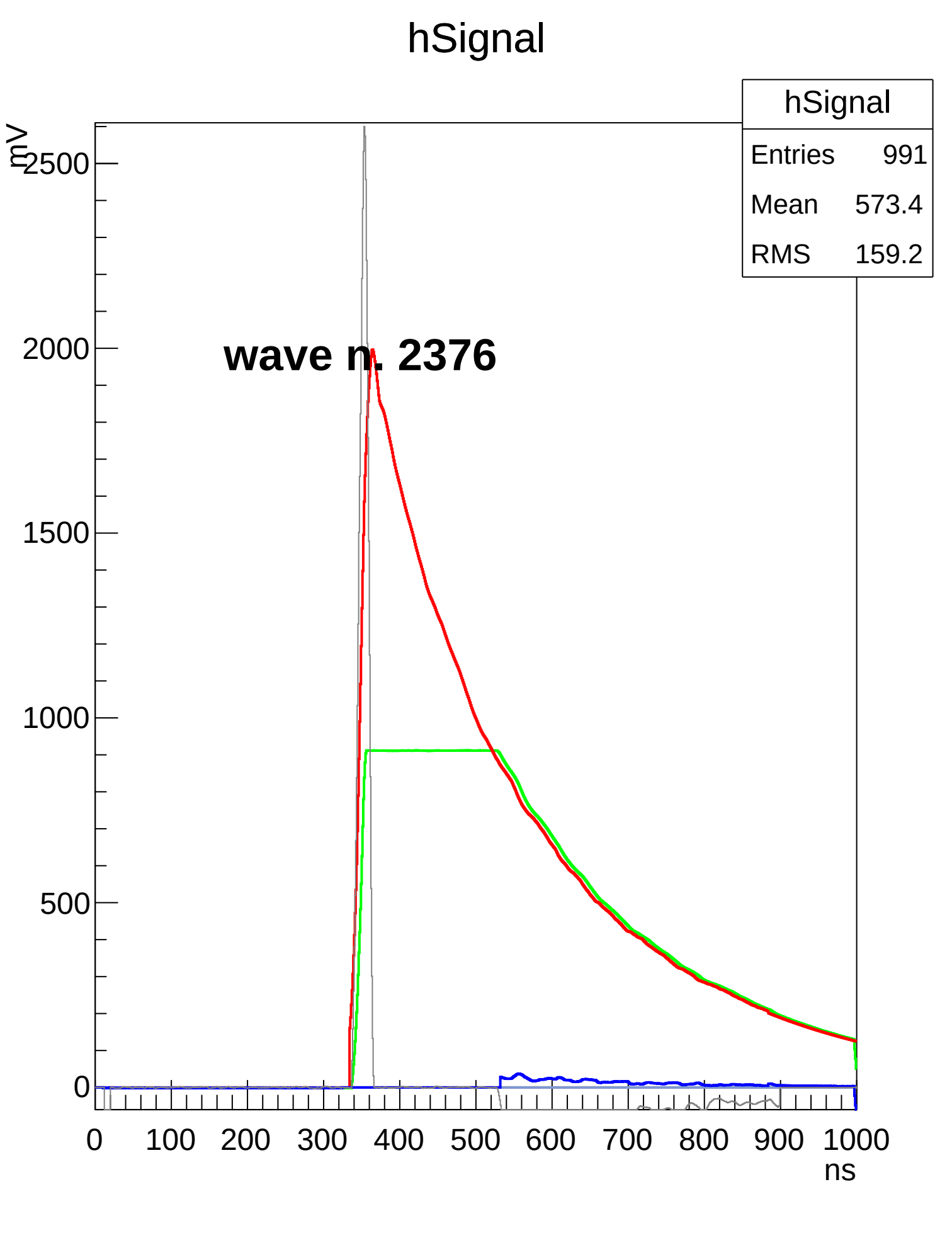
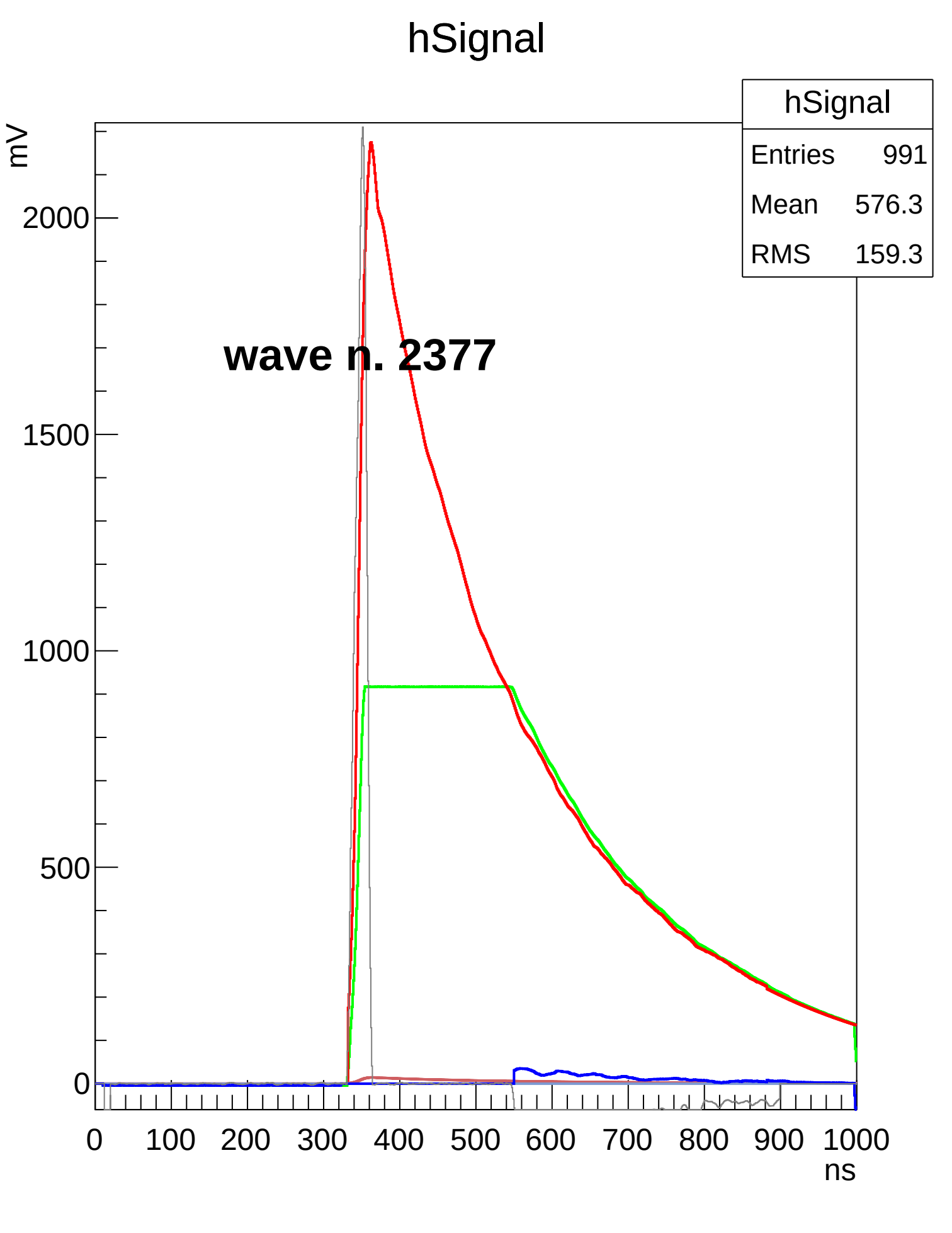
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 607.8
RMS 141.8
wave n. 2374
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 560.7
RMS 150.9
wave n. 2375
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.4
RMS 159.2
wave n. 2376
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576.3
RMS 159.3
wave n. 2377
mV
2000
1500
1000
500
0
0
100
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400
500
600
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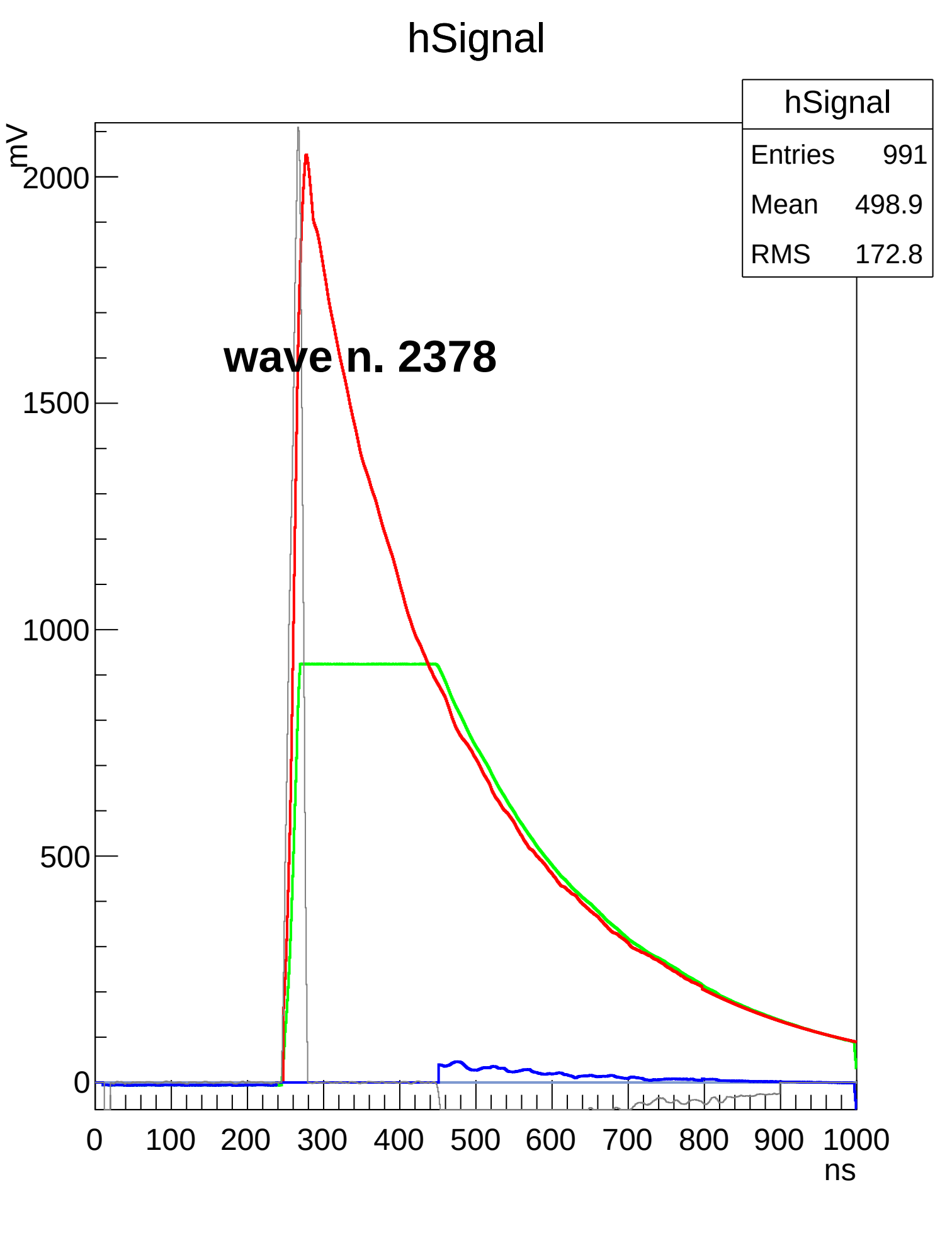
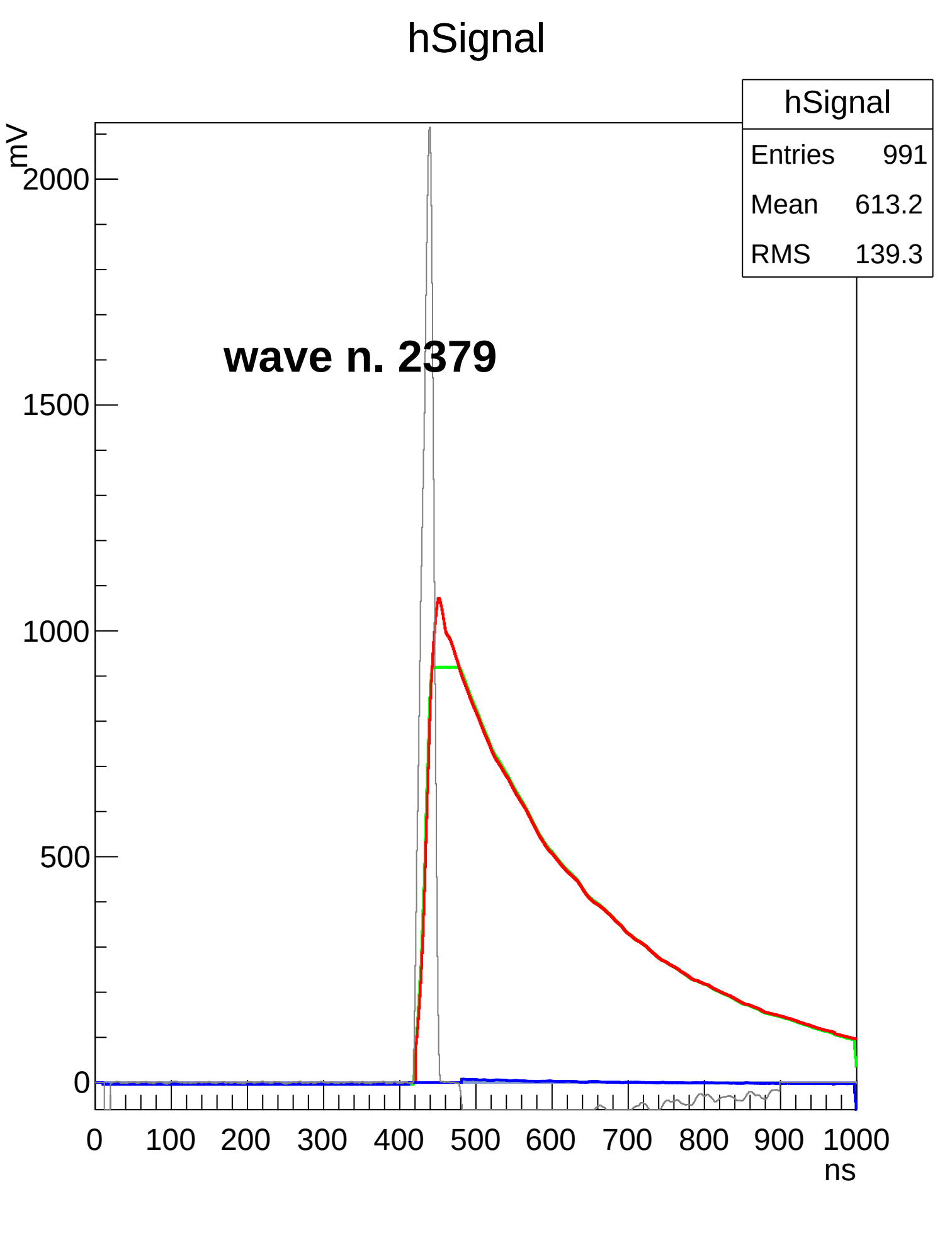
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 498.9
RMS 172.8
wave n. 2378
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 613.2
RMS 139.3
wave n. 2379
mV
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1500
1000
500
0
0
100
200
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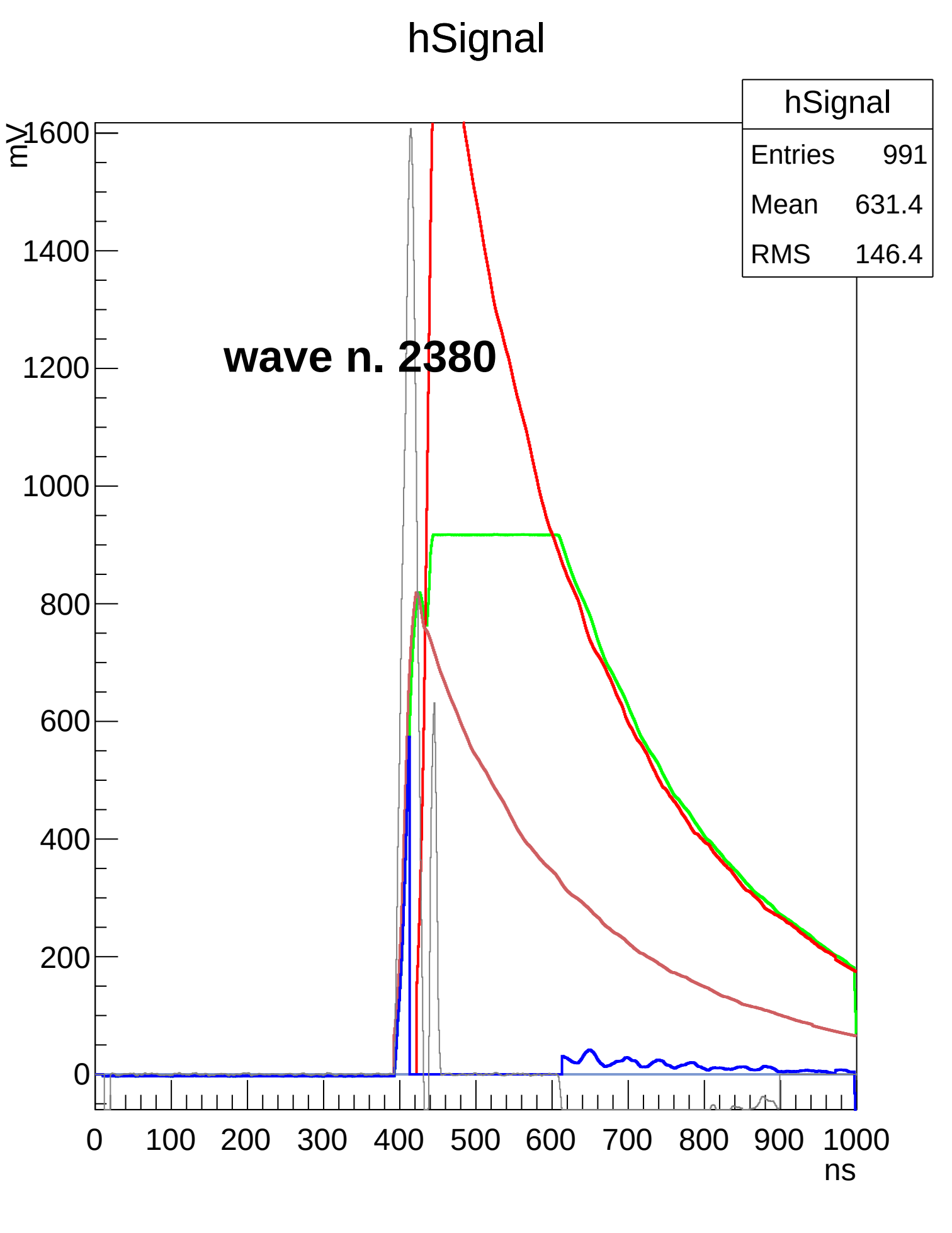
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 631.4
RMS 146.4
wave n. 2380
mV
1600
1400
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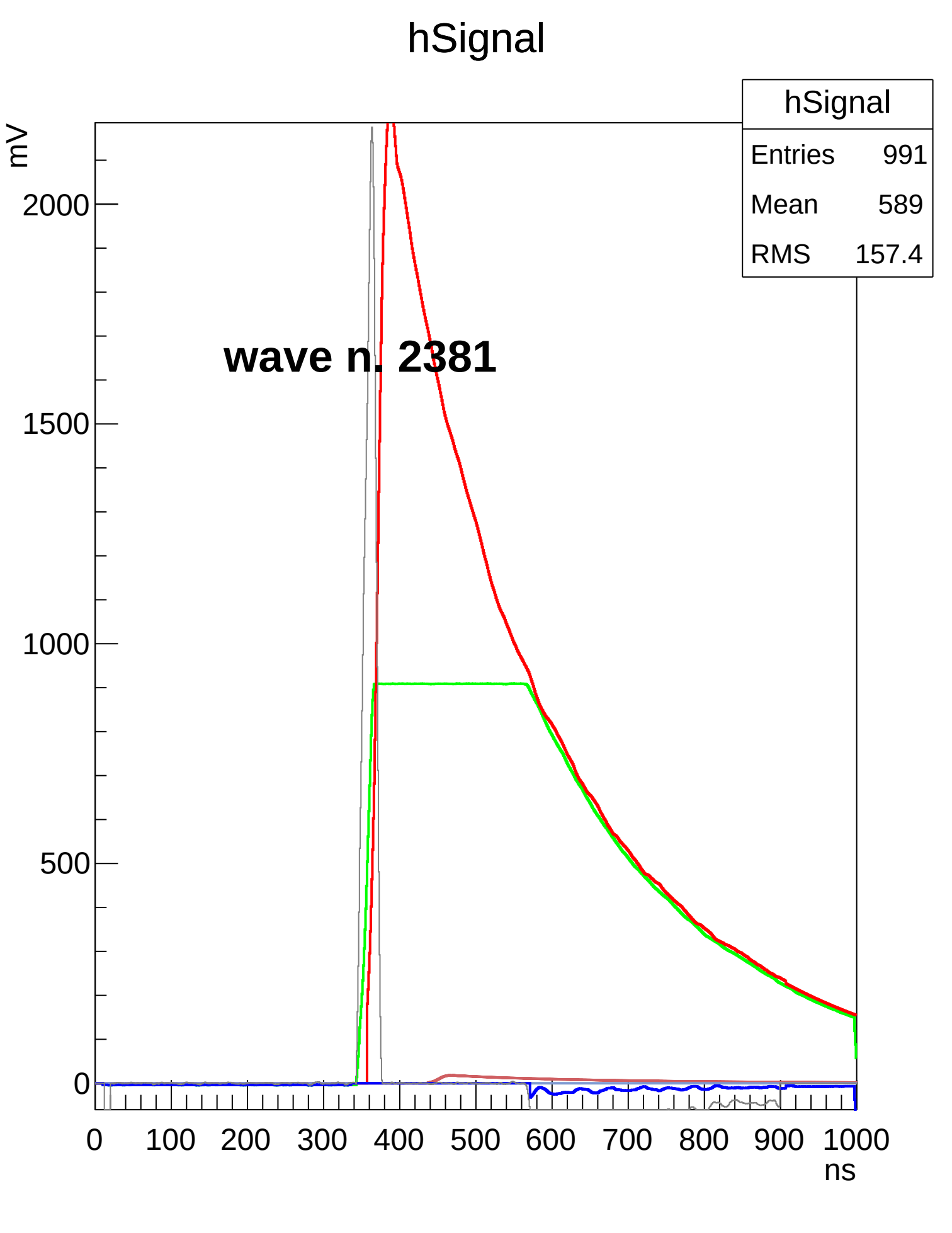
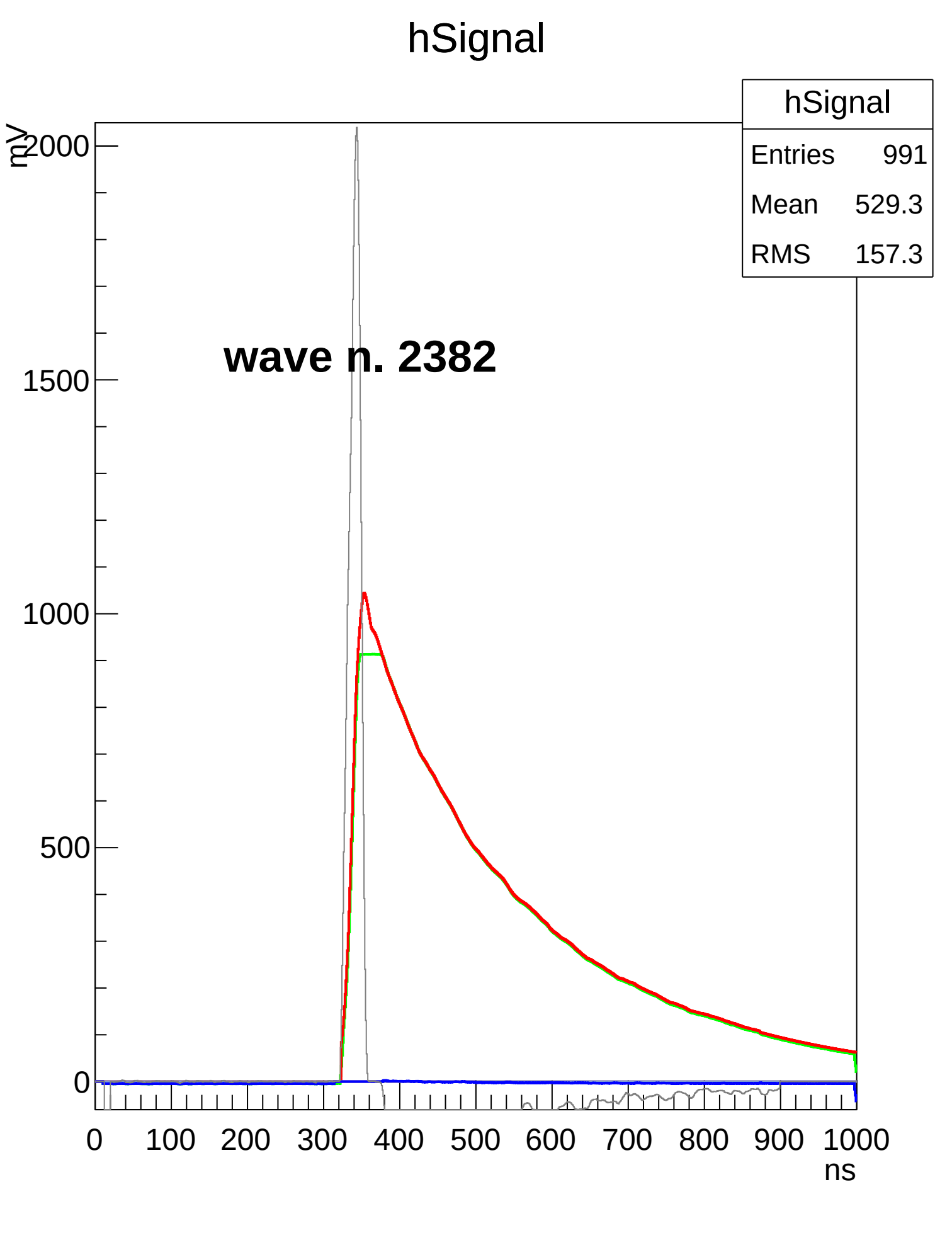
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 589
RMS 157.4
wave n. 2381
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 529.3
RMS 157.3
wave n. 2382
mV
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1500
1000
500
0
0
100
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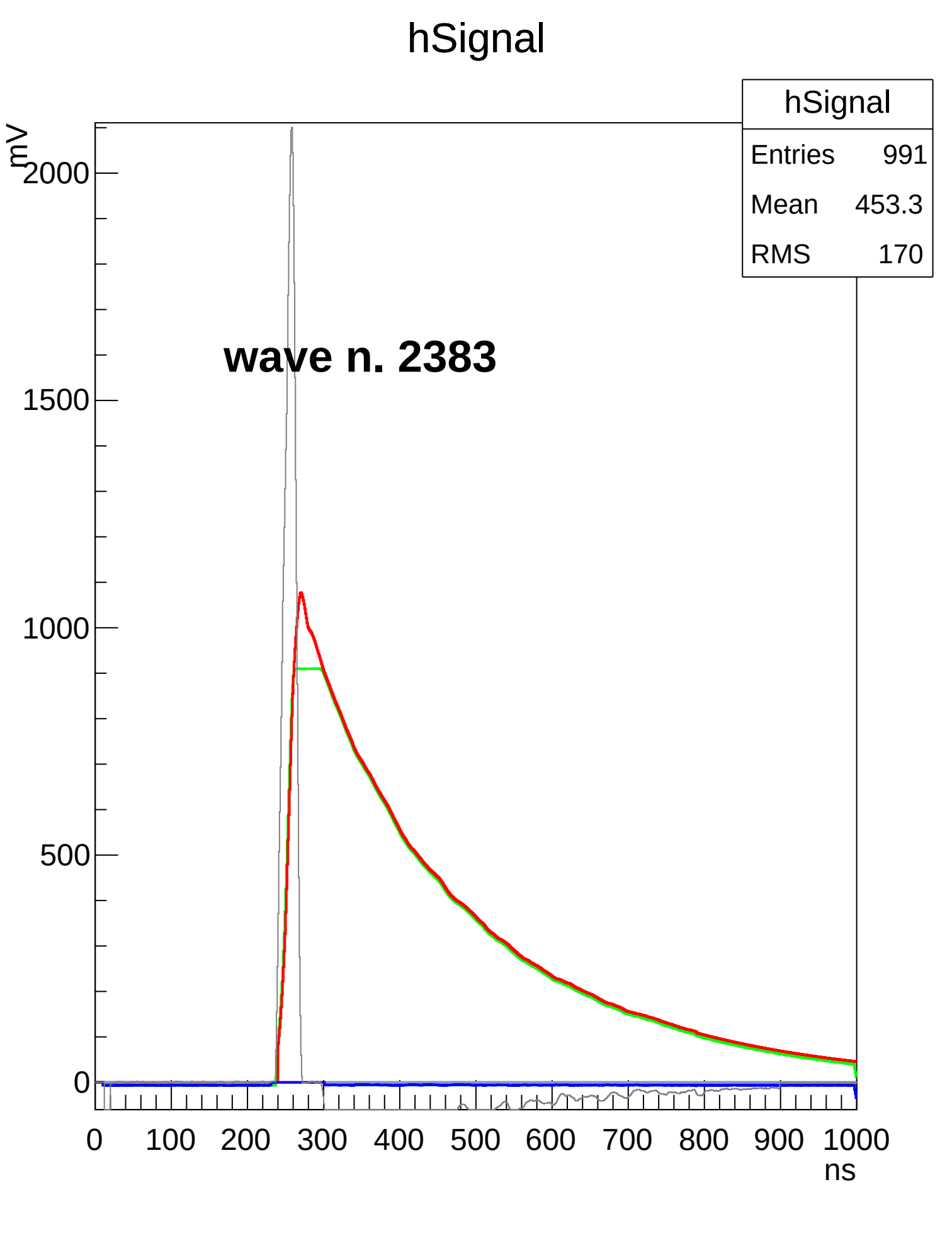
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 453.3
RMS 170
wave n. 2383
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1500
1000
500
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0
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400
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800
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1000
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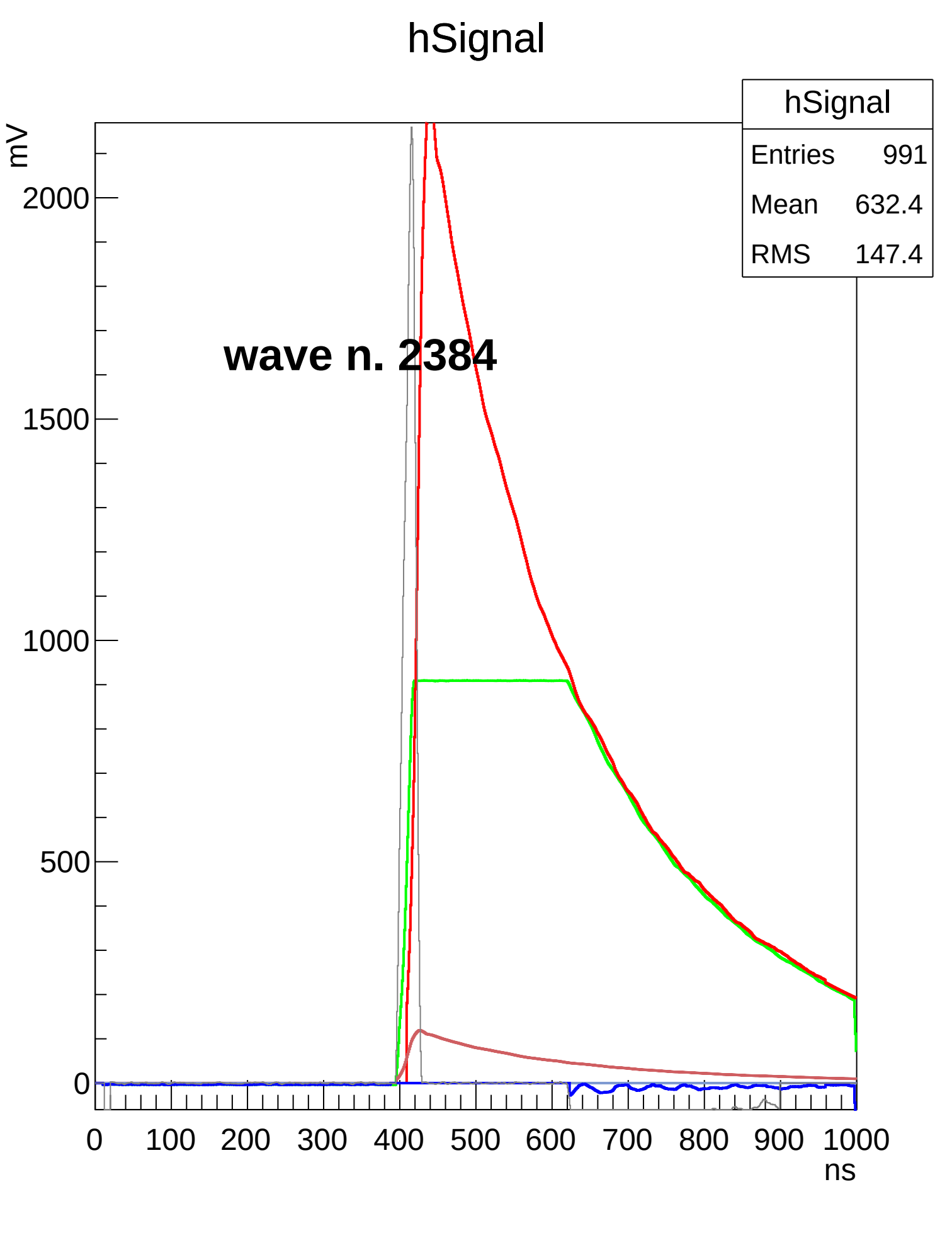
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hSignal
Entries 991
Mean 632.4
RMS 147.4
wave n. 2384
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1000
500
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400
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600
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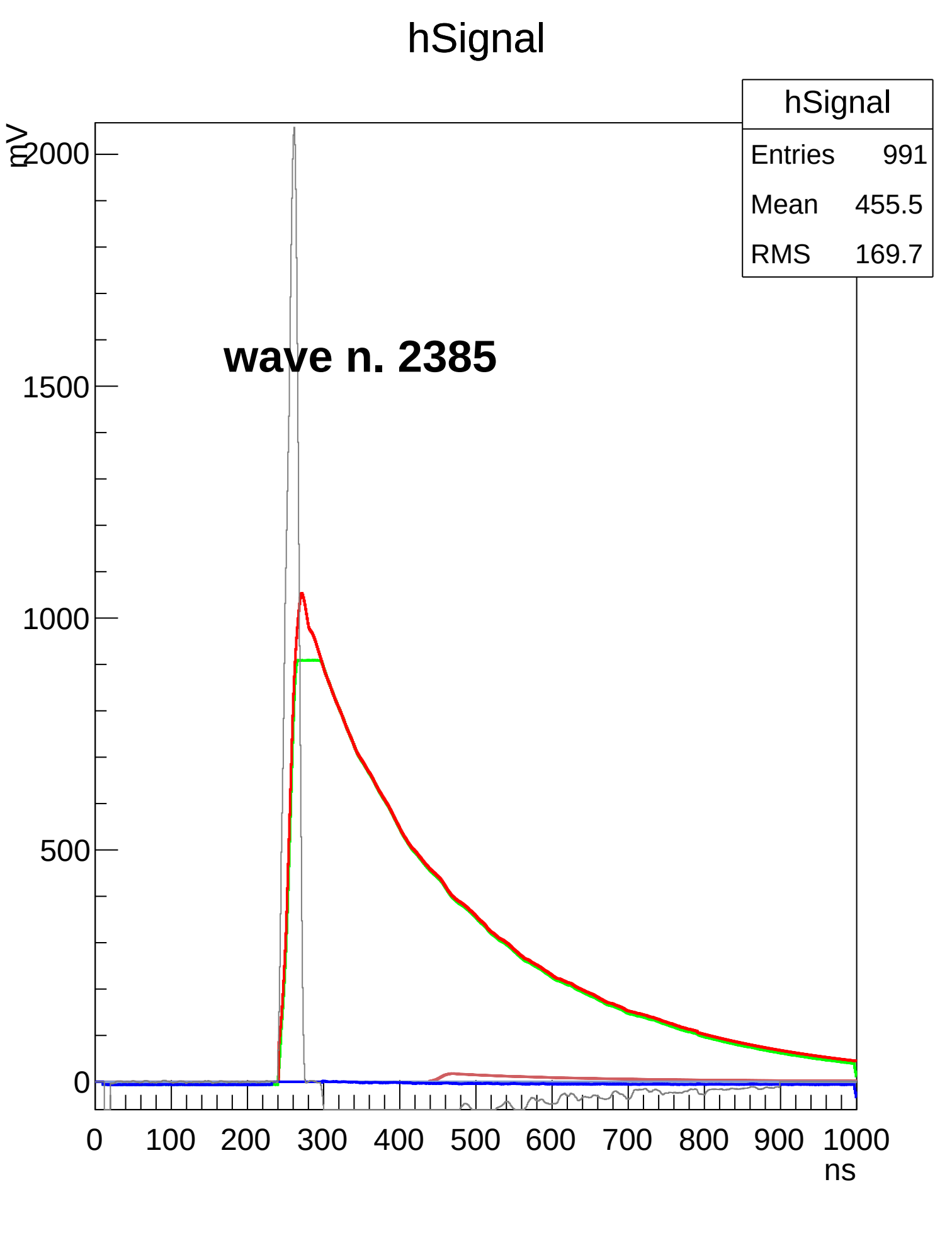
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 455.5
RMS 169.7
wave n. 2385
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1500
1000
500
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0
100
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400
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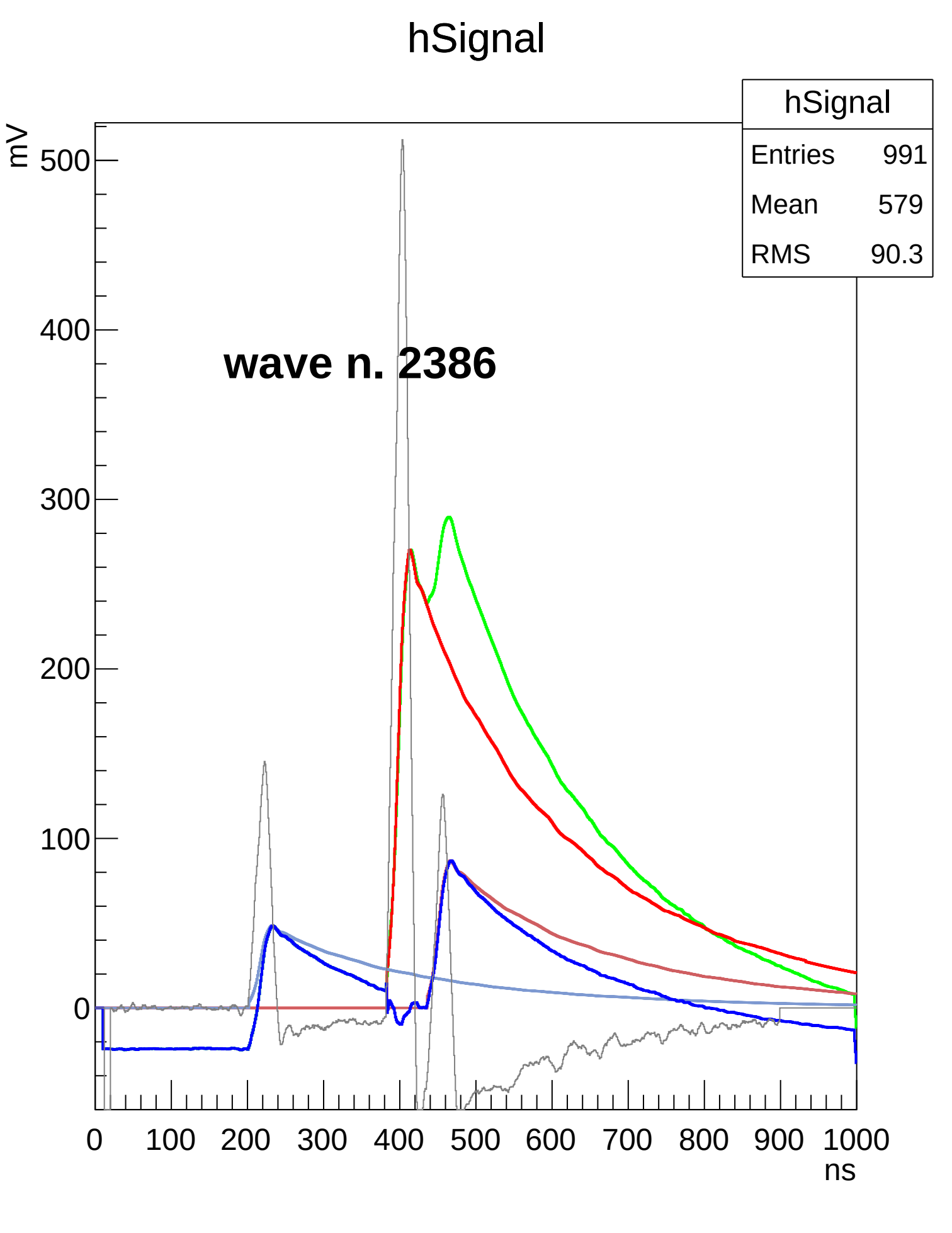
800
900
1000
ns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hSignal
Entries 991
Mean 579
RMS 90.3
wave n. 2386
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200
100
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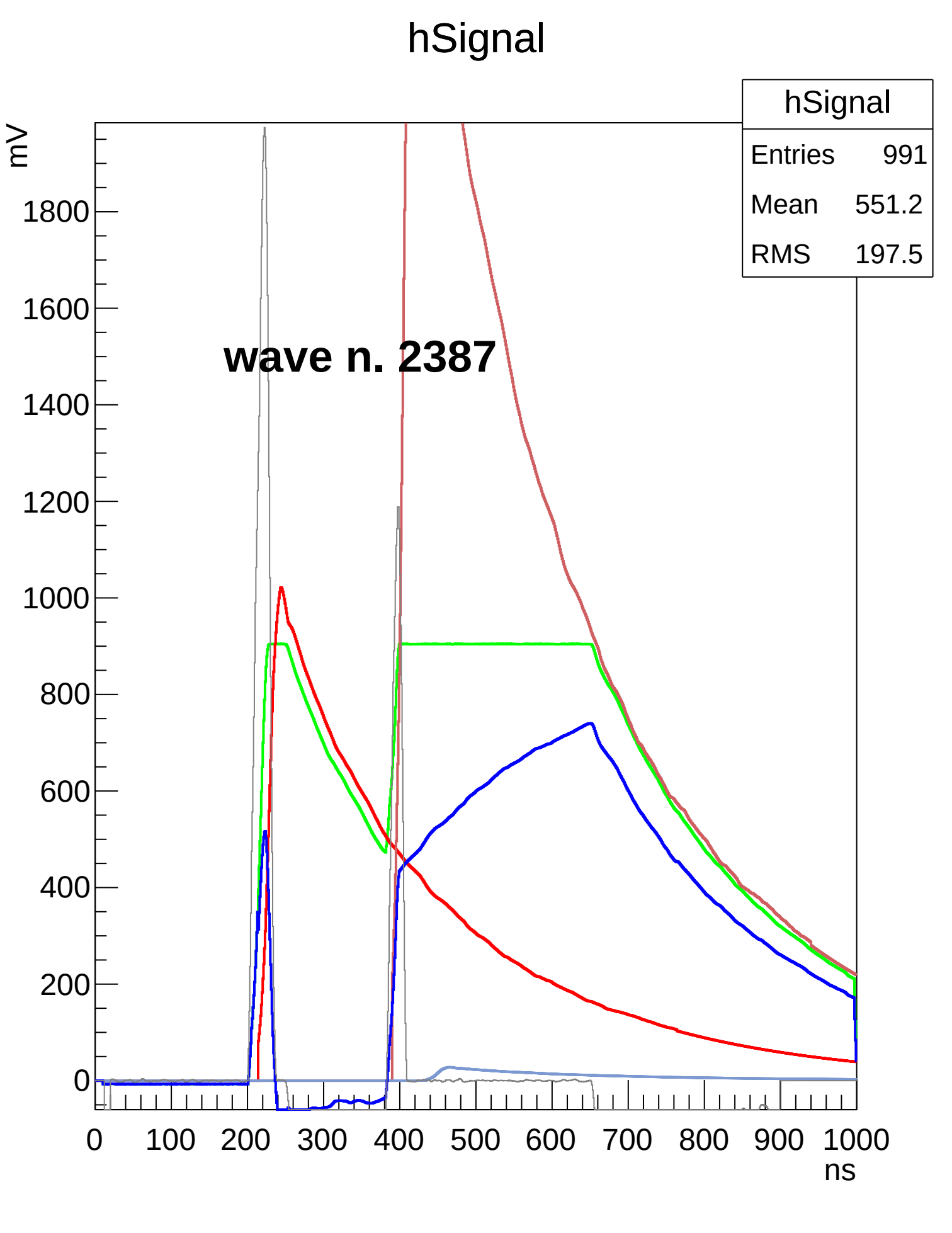
1000
ns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hSignal
Entries 991
Mean 551.2
RMS 197.5
wave n. 2387
mV
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1400
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1000
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400
200
0
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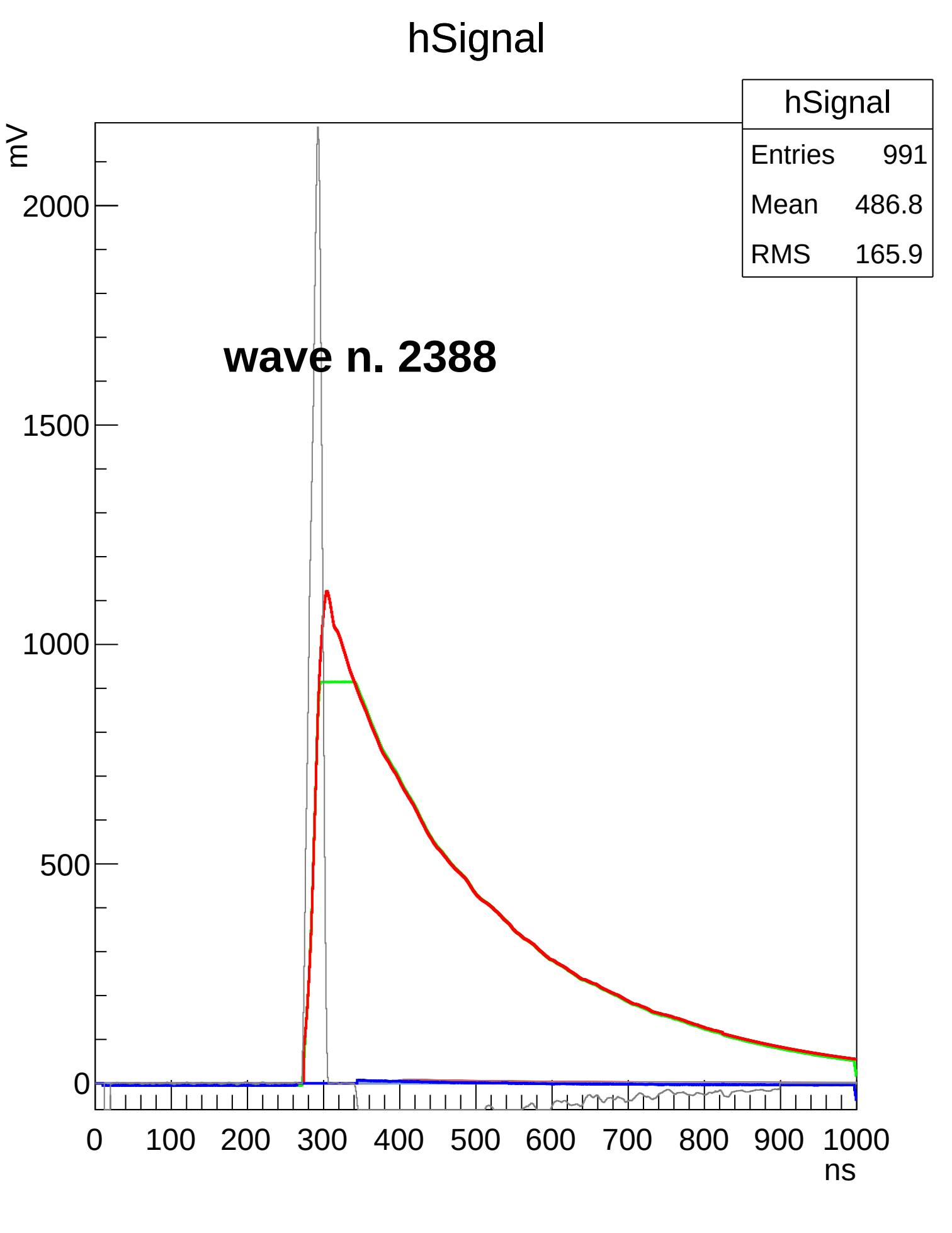
ns


hSignal
hSignal
Entries 991
Mean 486.8
RMS 165.9
wave n. 2388
mV
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800
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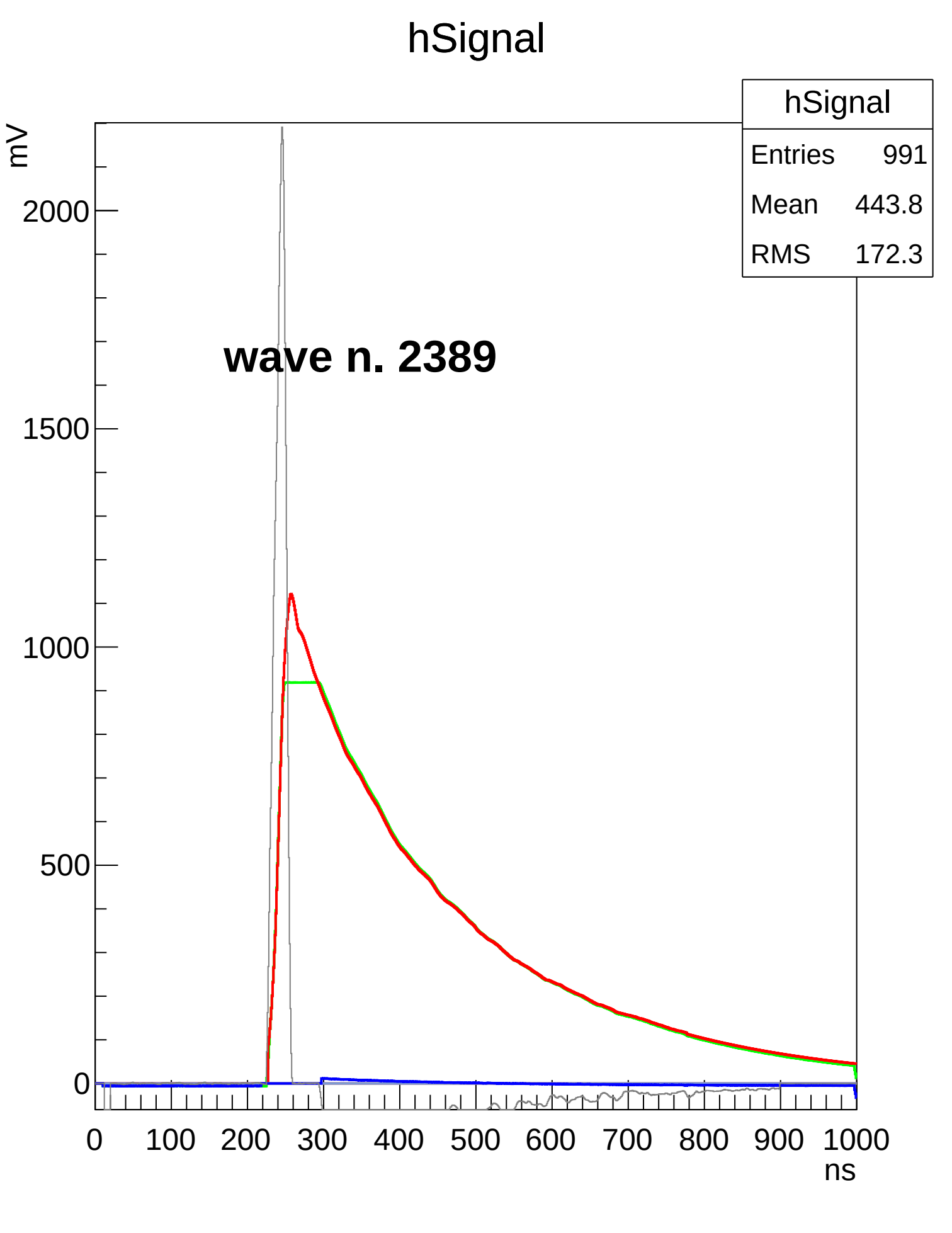
1000
ns


hSignal
hSignal
Entries 991
Mean 443.8
RMS 172.3
wave n. 2389
mV
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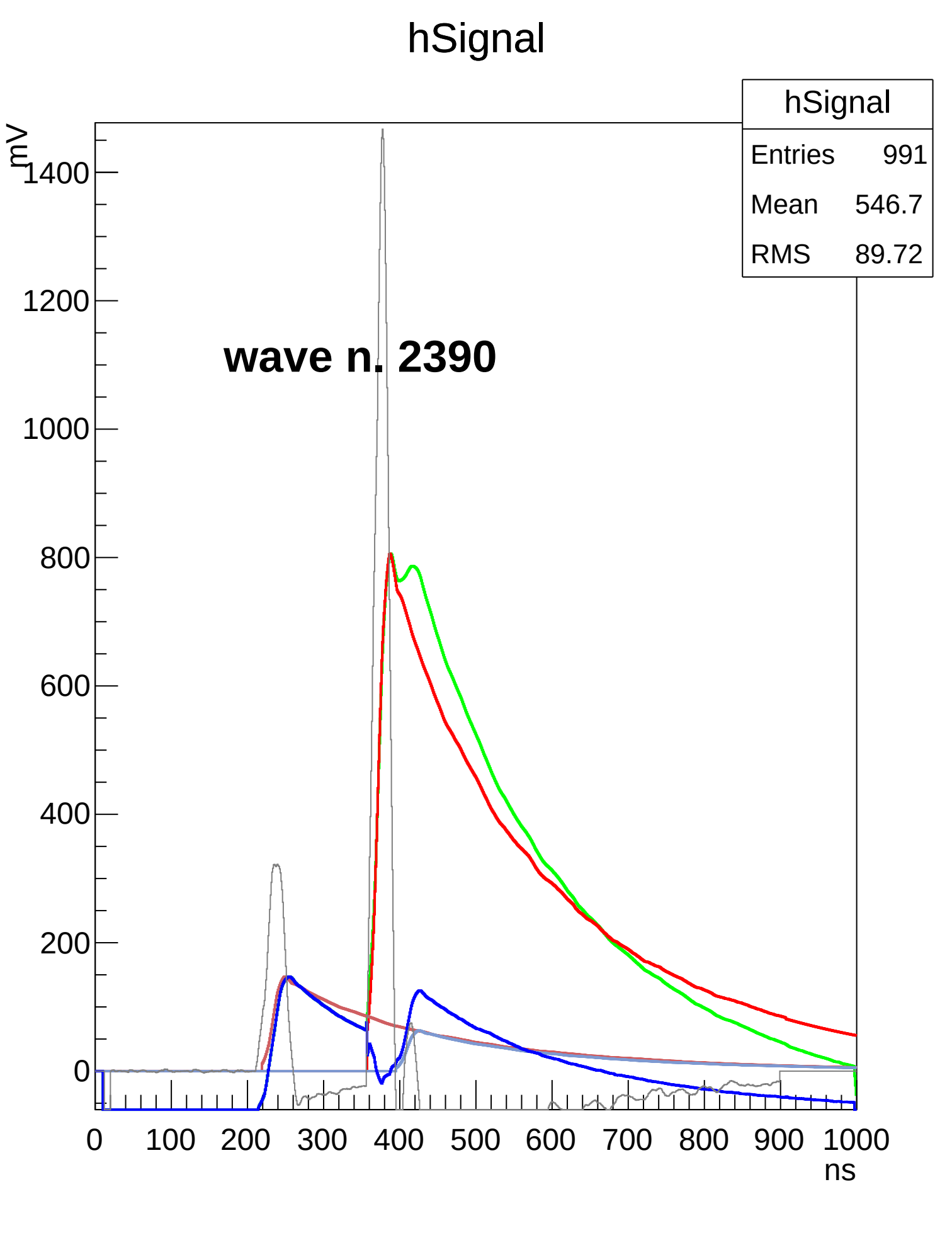
1000
ns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hSignal
Entries 991
Mean 546.7
RMS 89.72
wave n. 2390
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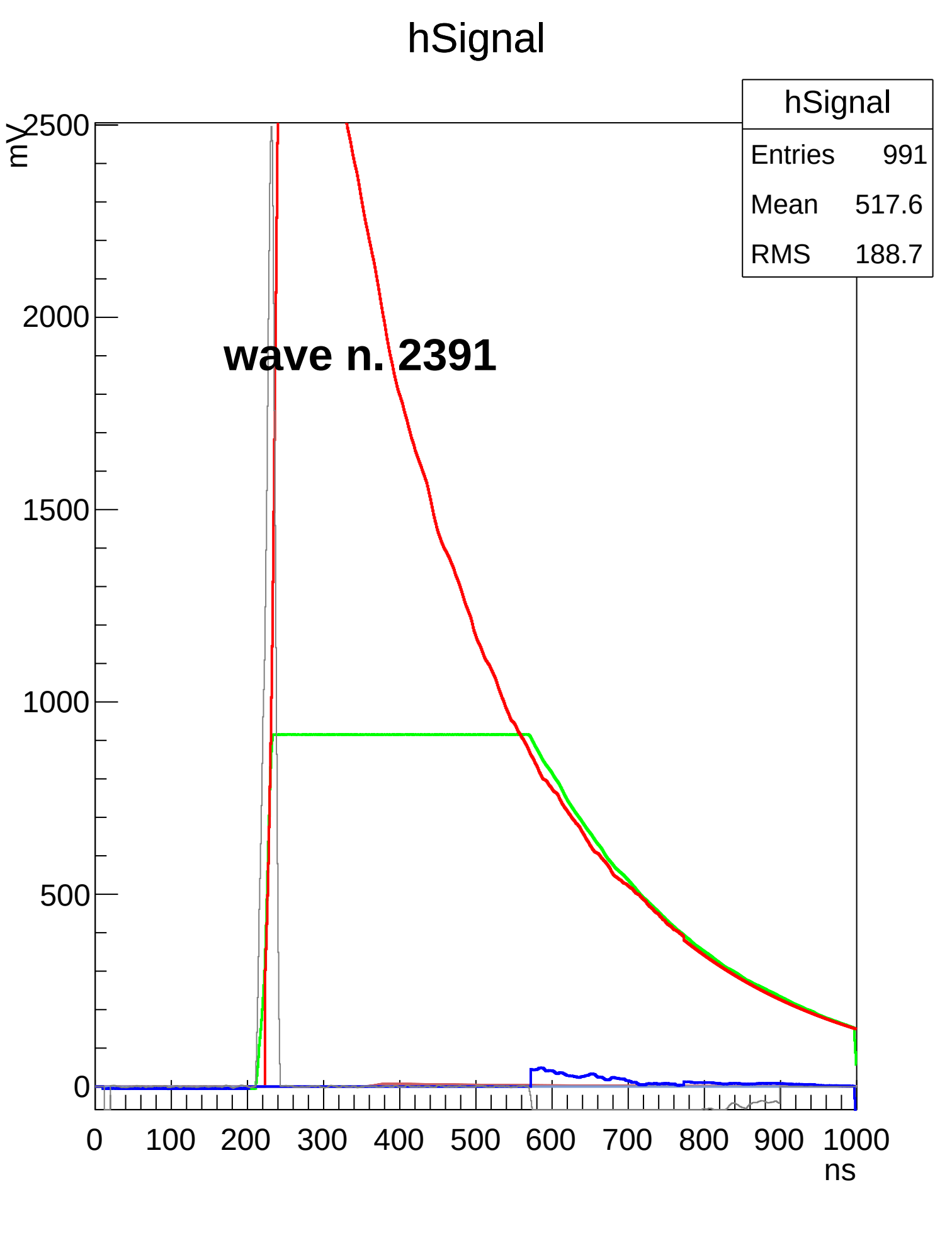
1000
ns


hSignal
hSignal
Entries 991
Mean 517.6
RMS 188.7
wave n. 2391
mV
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1500
1000
500
0
0
100
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300
400
500
600
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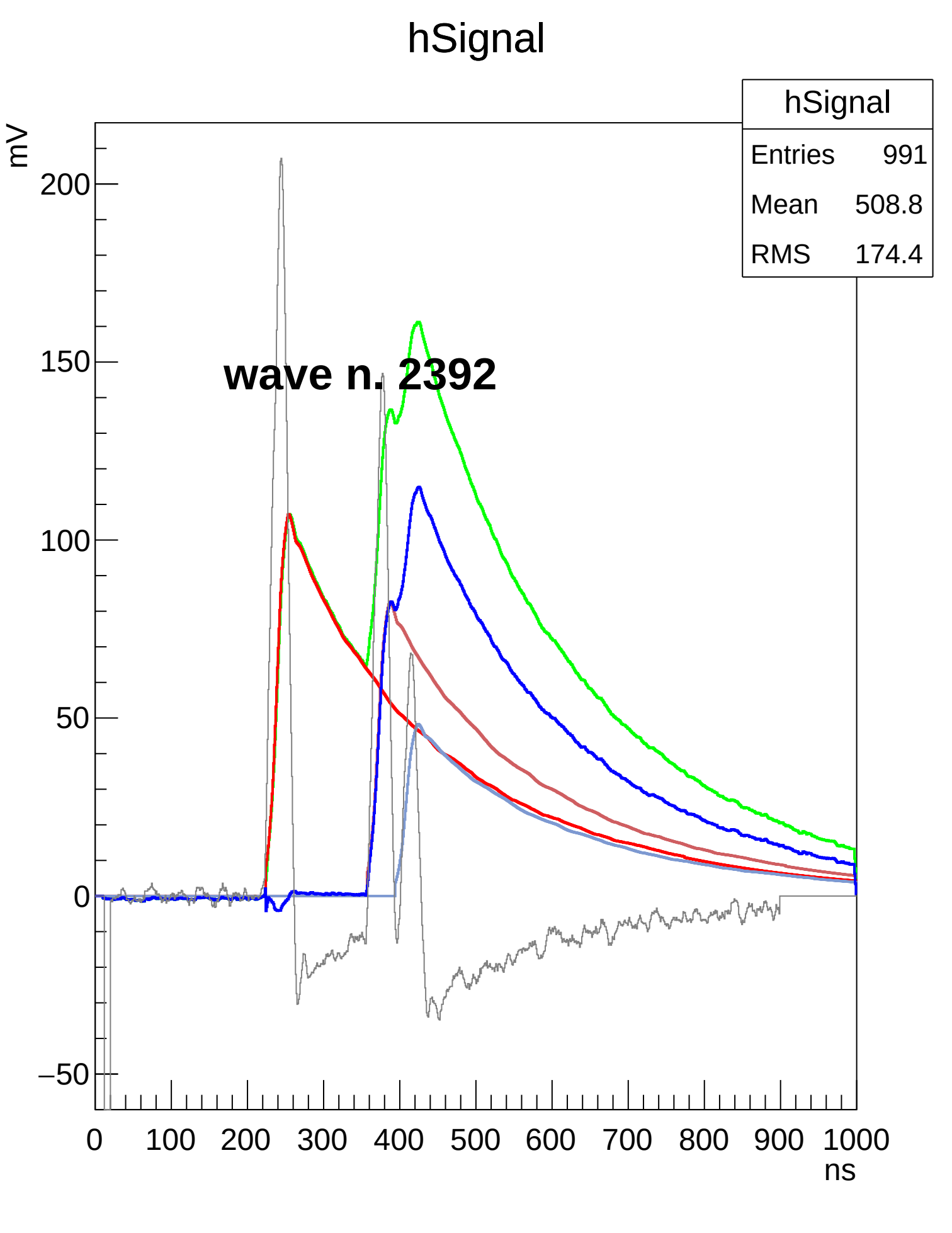
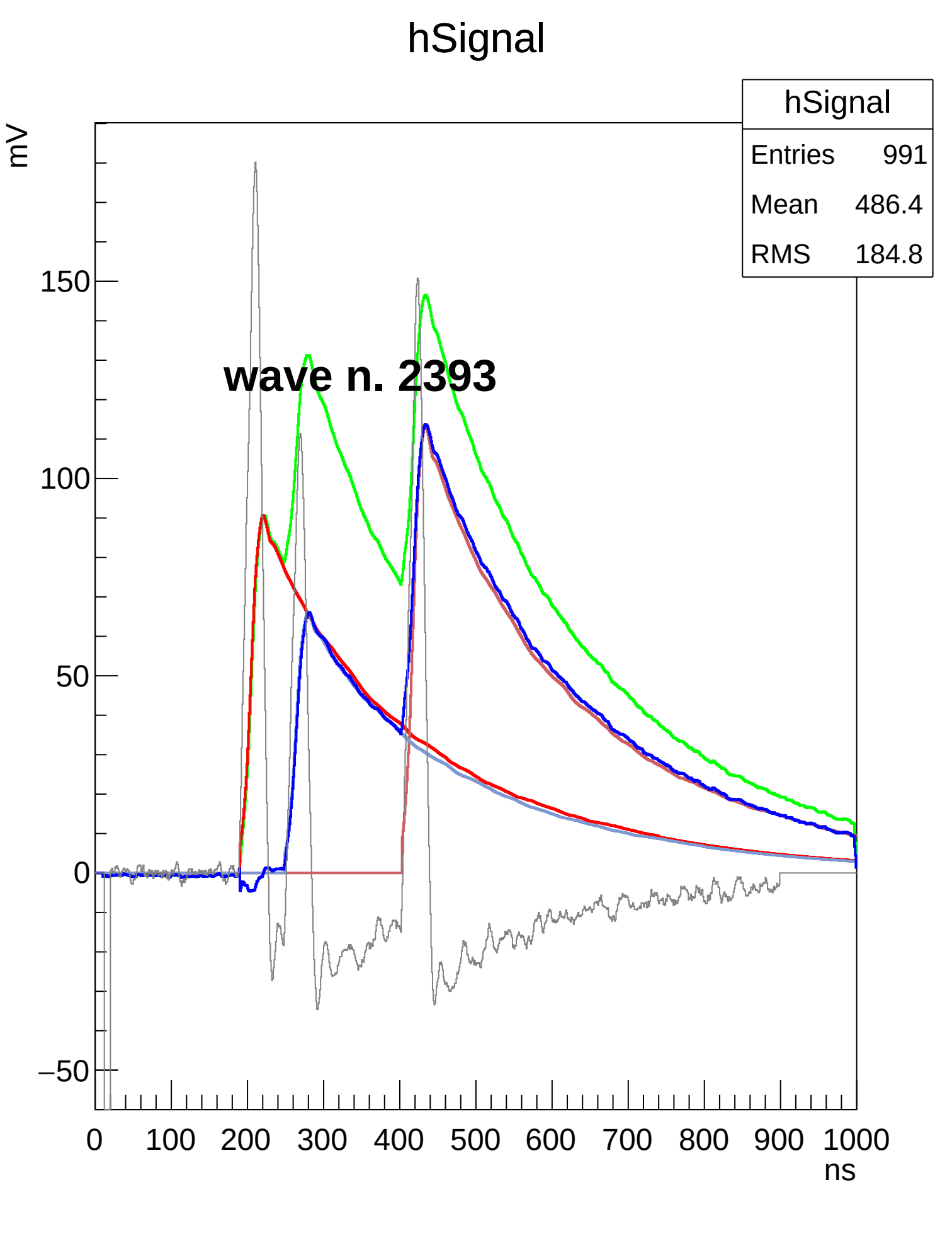
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 508.8
RMS 174.4
wave n. 2392
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486.4
RMS 184.8
wave n. 2393
mV
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100
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0
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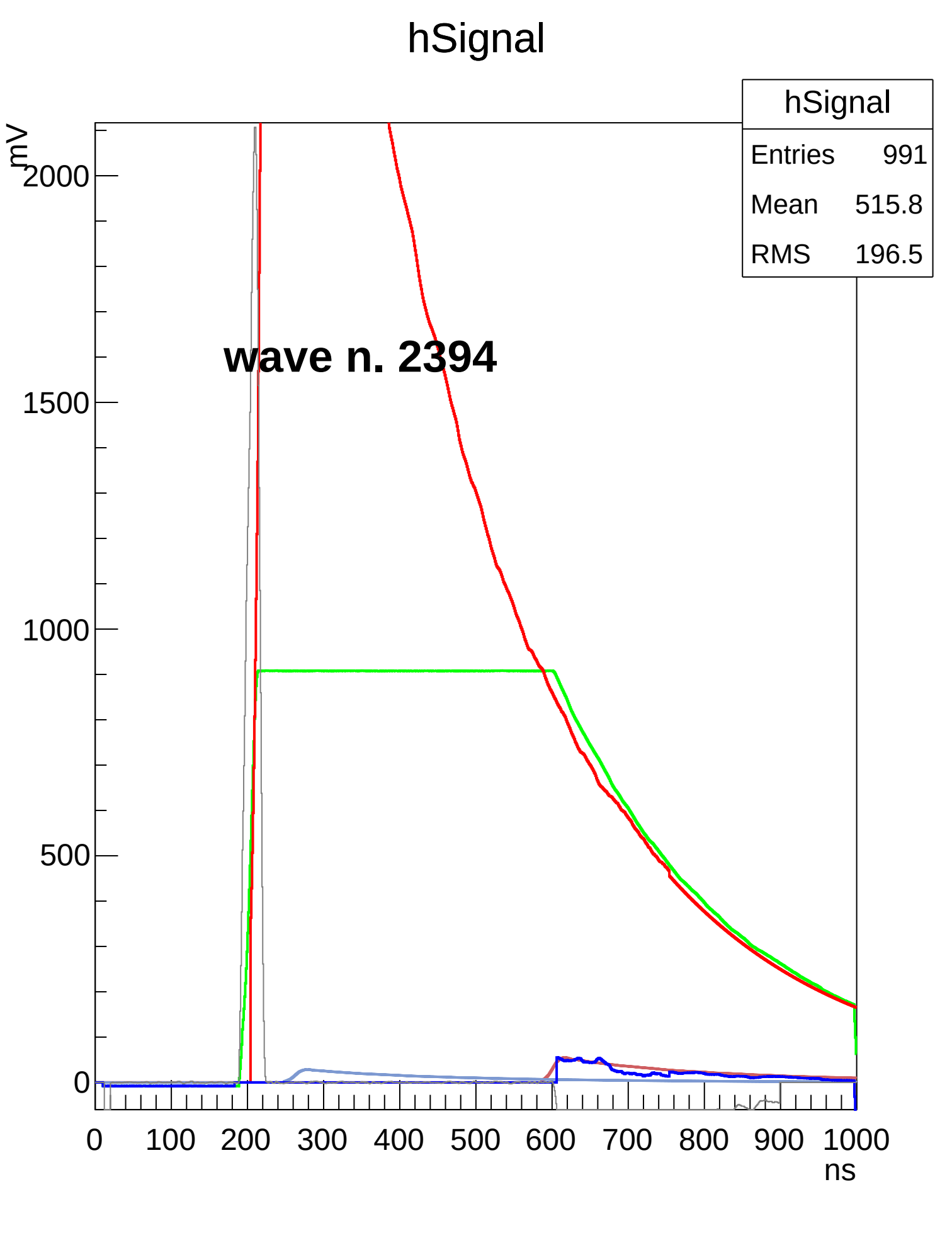
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.8
RMS 196.5
wave n. 2394
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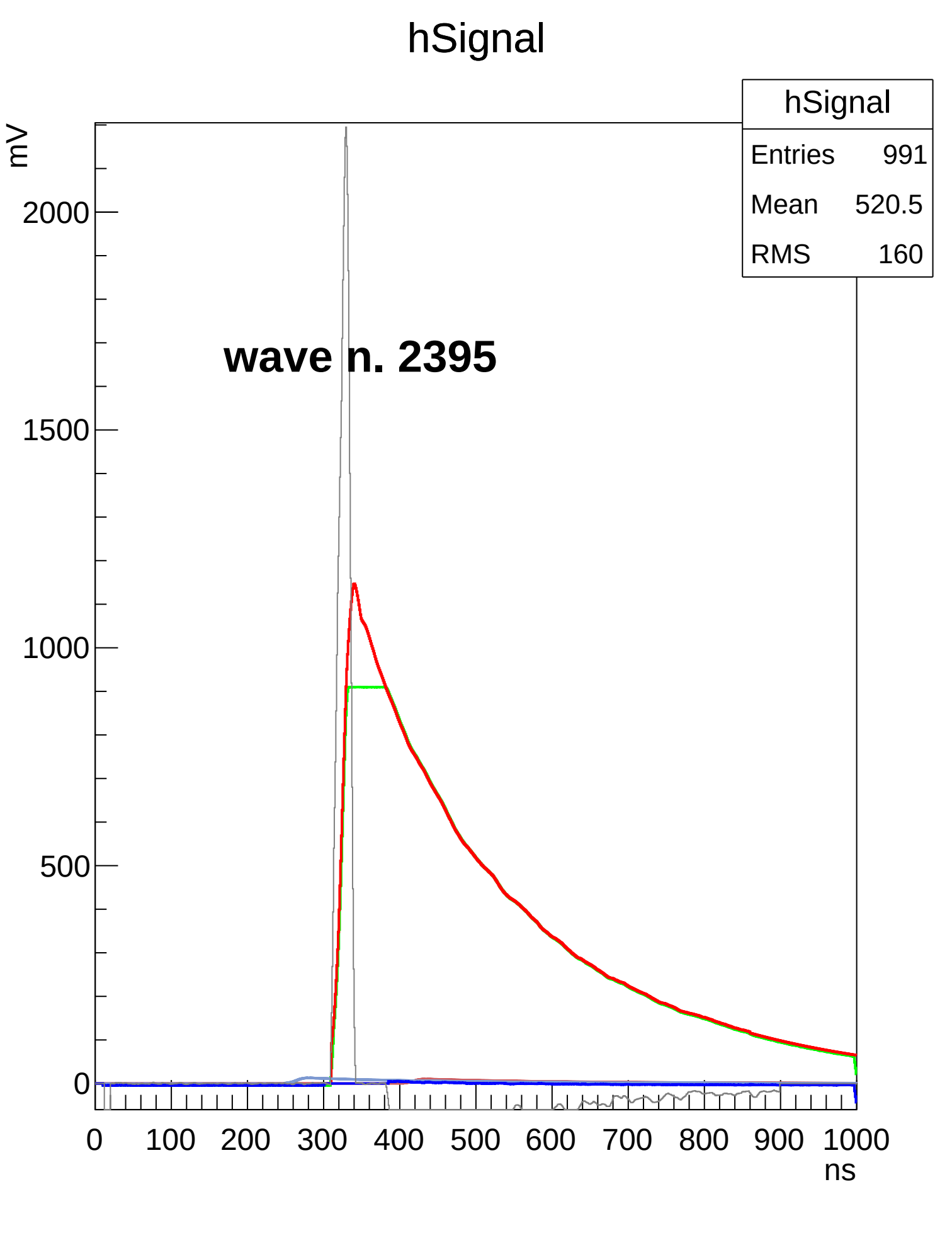
900
1000
ns


hSignal
hSignal
Entries 991
Mean 520.5
RMS 160
wave n. 2395
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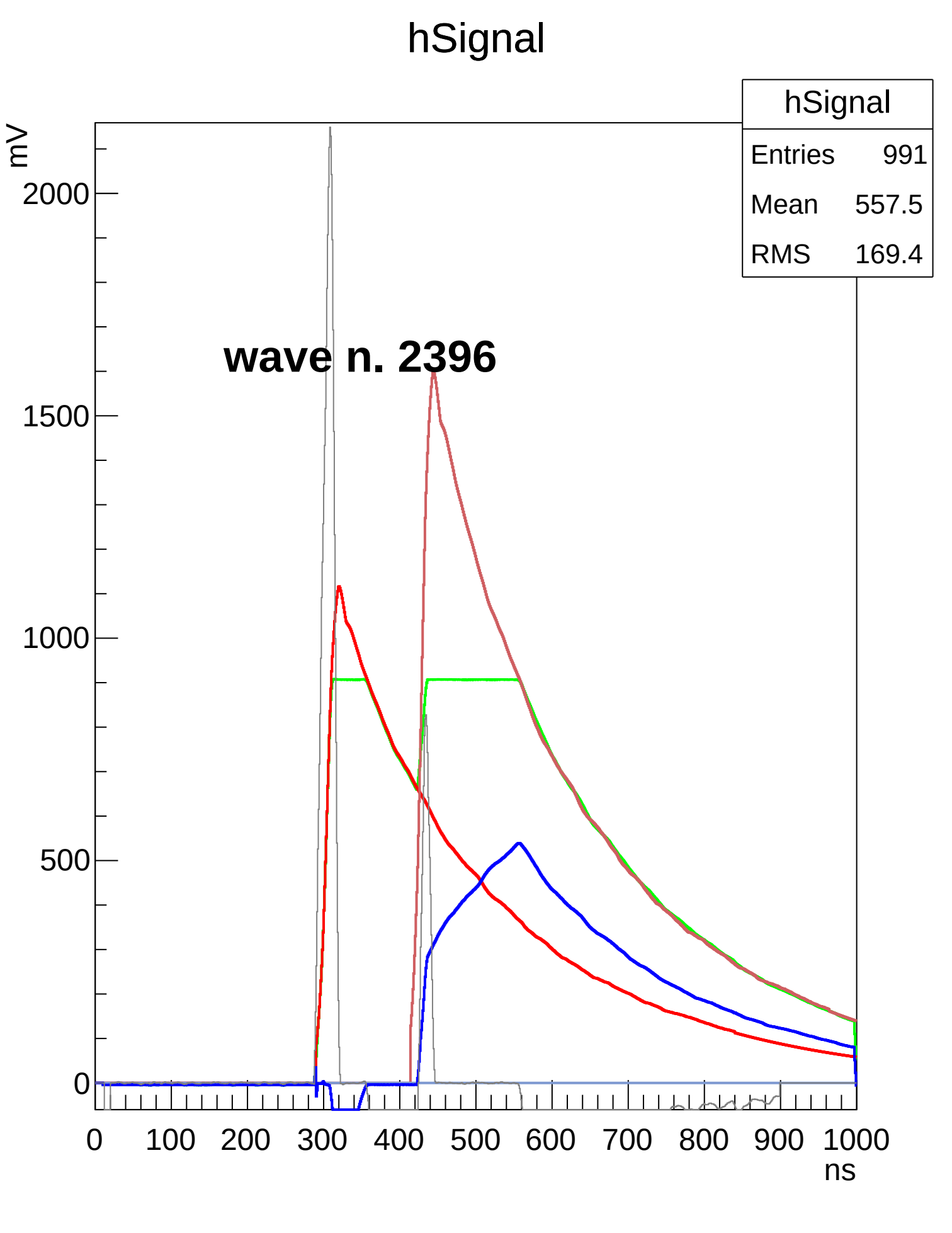
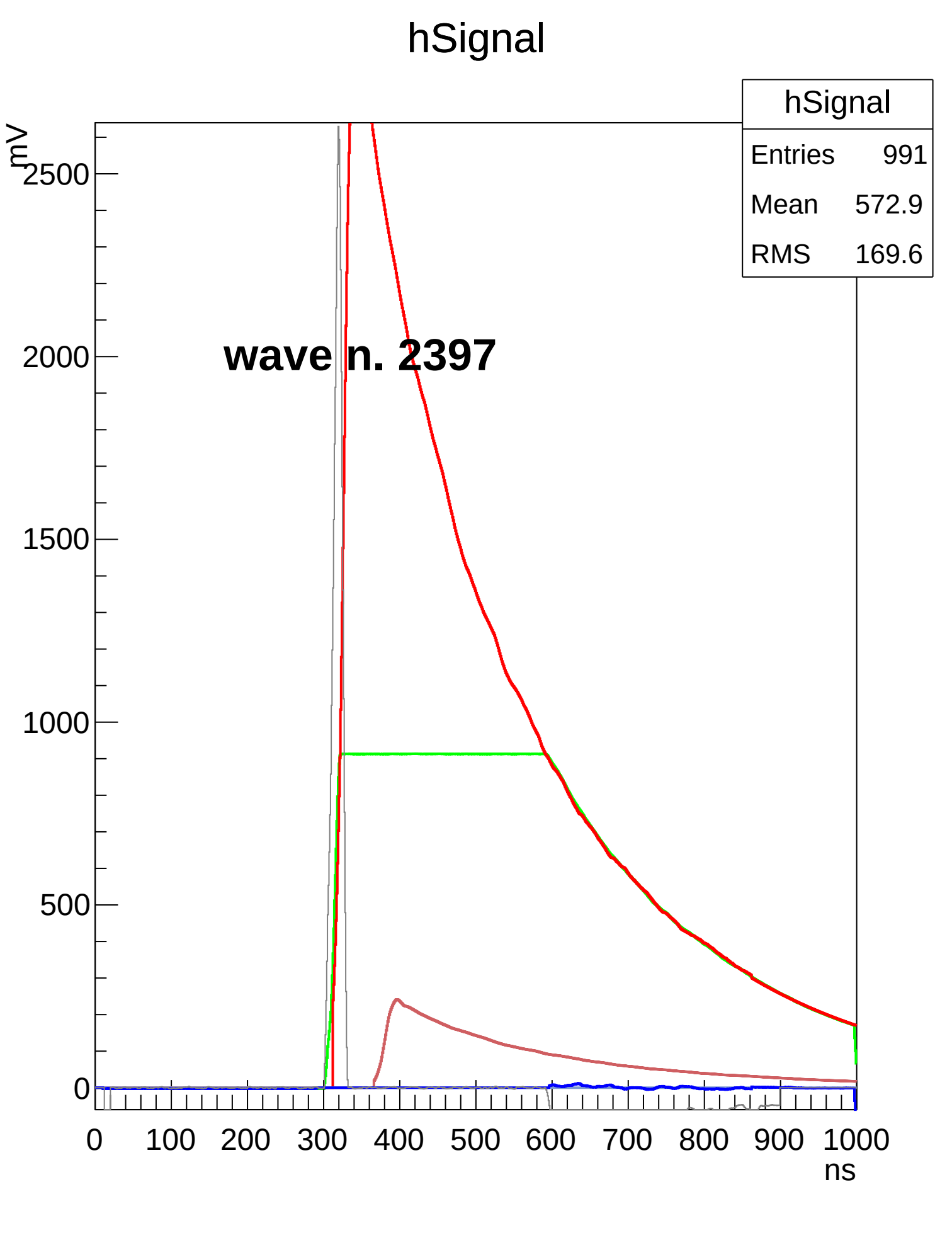
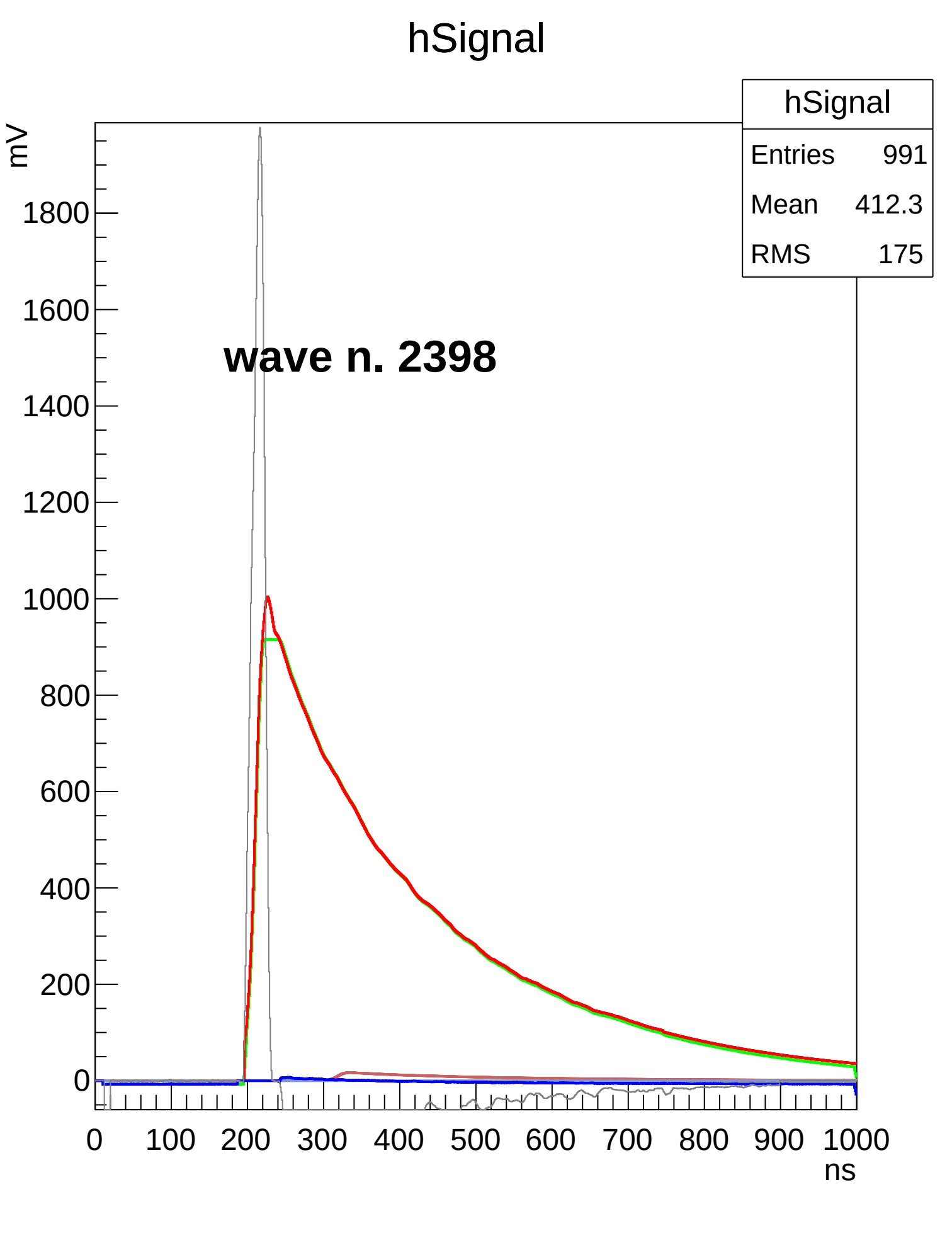
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 557.5
RMS 169.4
wave n. 2396
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 572.9
RMS 169.6
wave n. 2397
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 412.3
RMS 175
wave n. 2398
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1600
1400
1200
1000
800
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400
200
0
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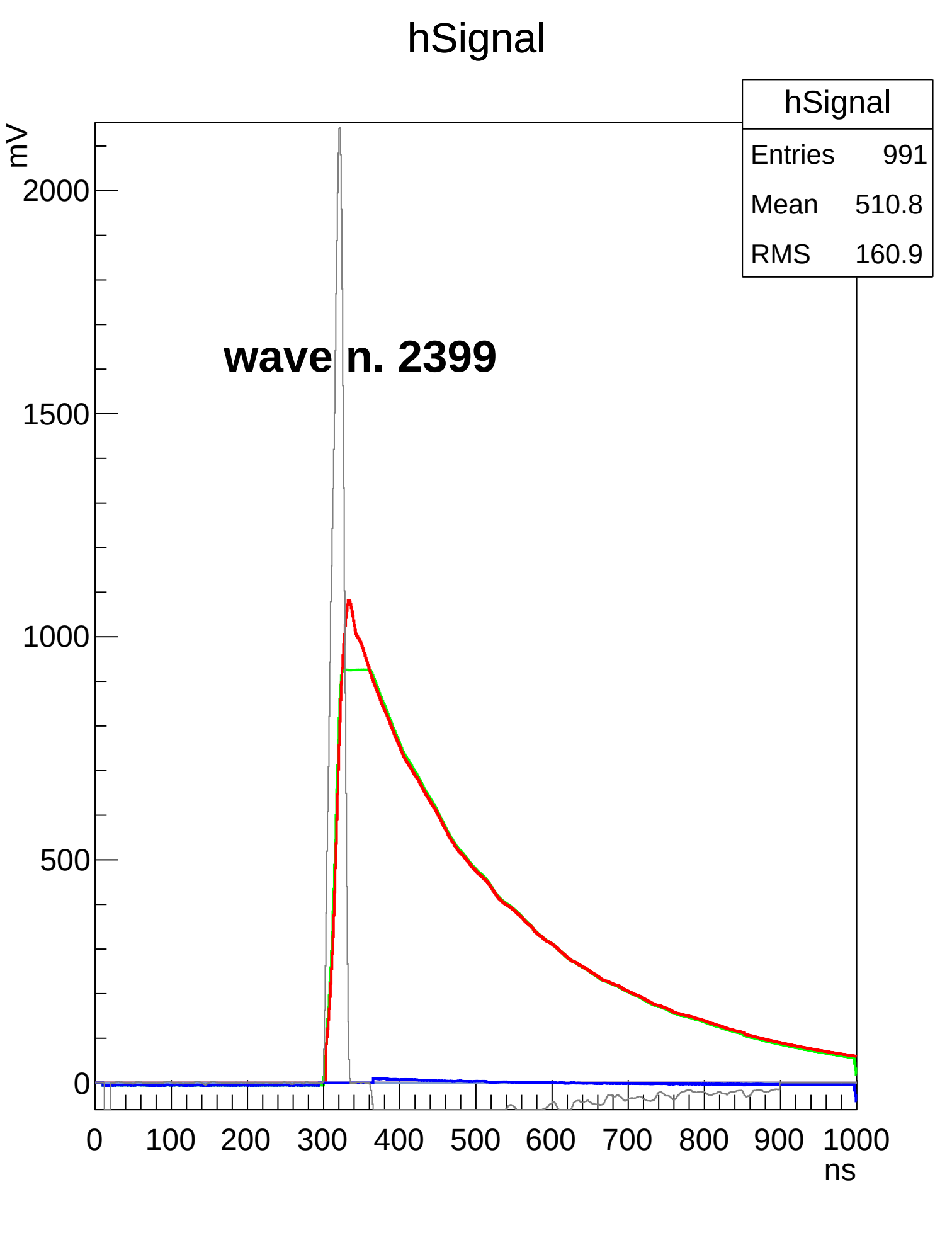
ns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hSignal
Entries 991
Mean 510.8
RMS 160.9
wave n. 2399
mV
2000
1500
1000
500
0
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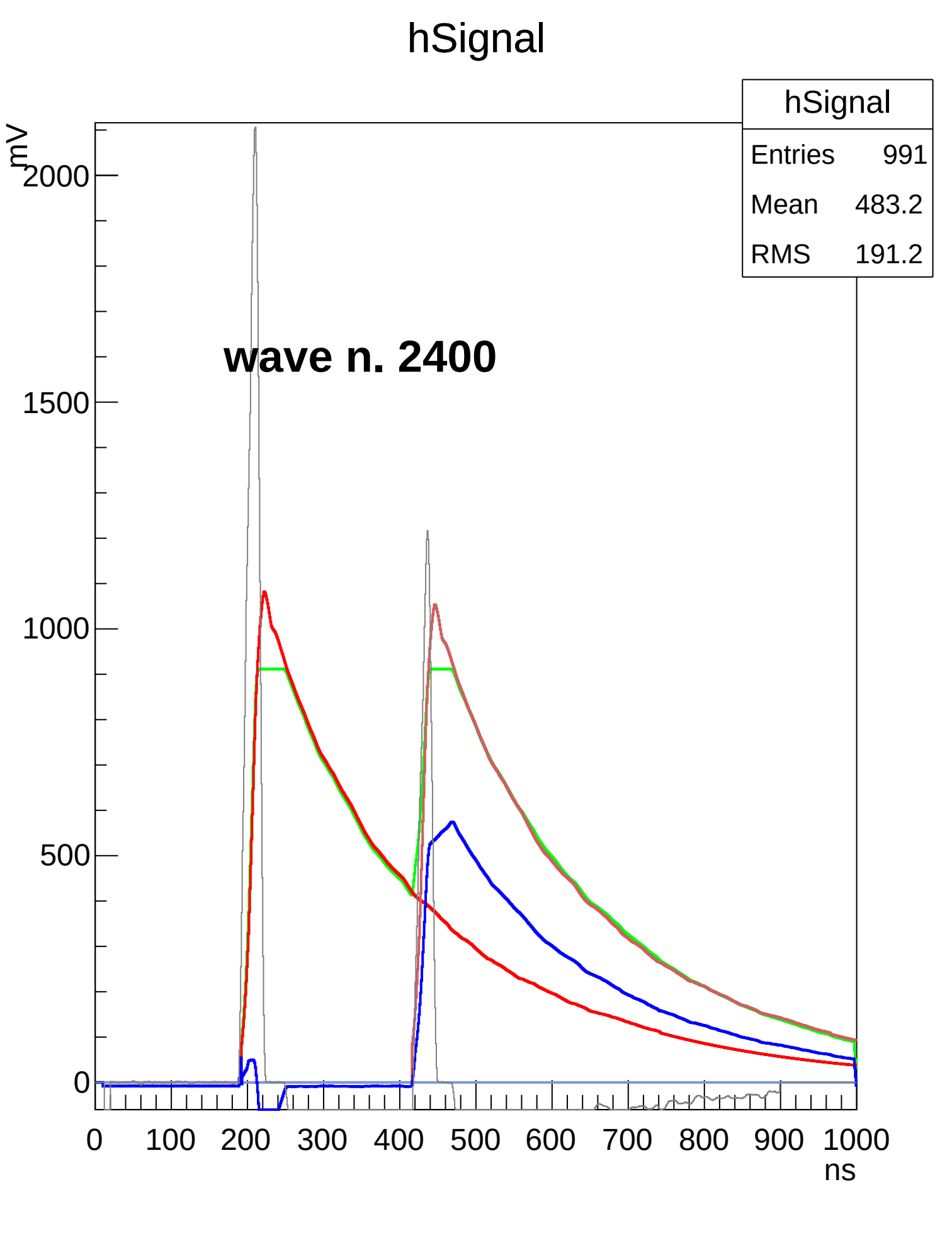
ns


hSignal
hSignal
Entries 991
Mean 483.2
RMS 191.2
wave n. 2400
mV
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1500
1000
500
0
0
100
200
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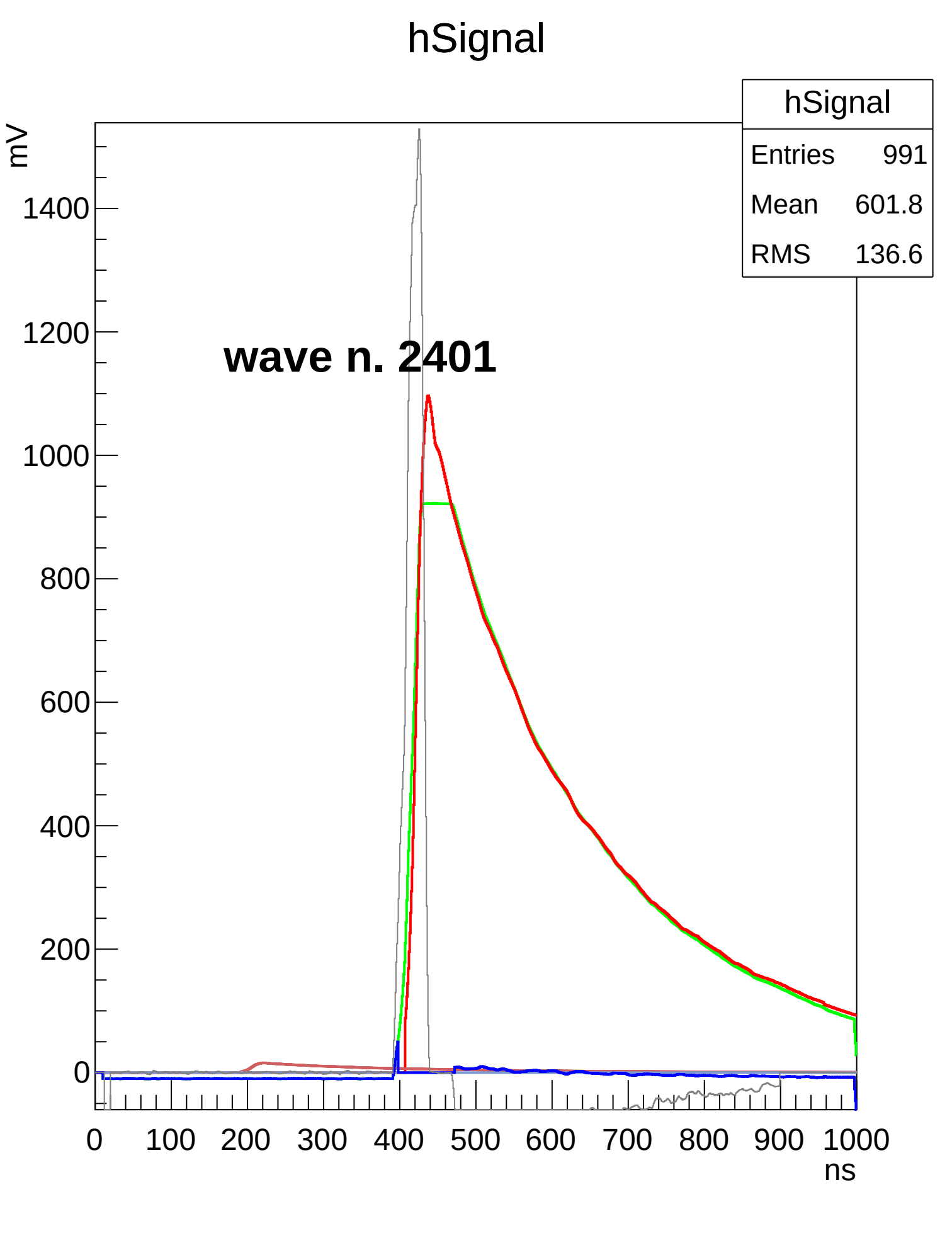
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 601.8
RMS 136.6
wave n. 2401
mV
1400
1200
1000
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600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
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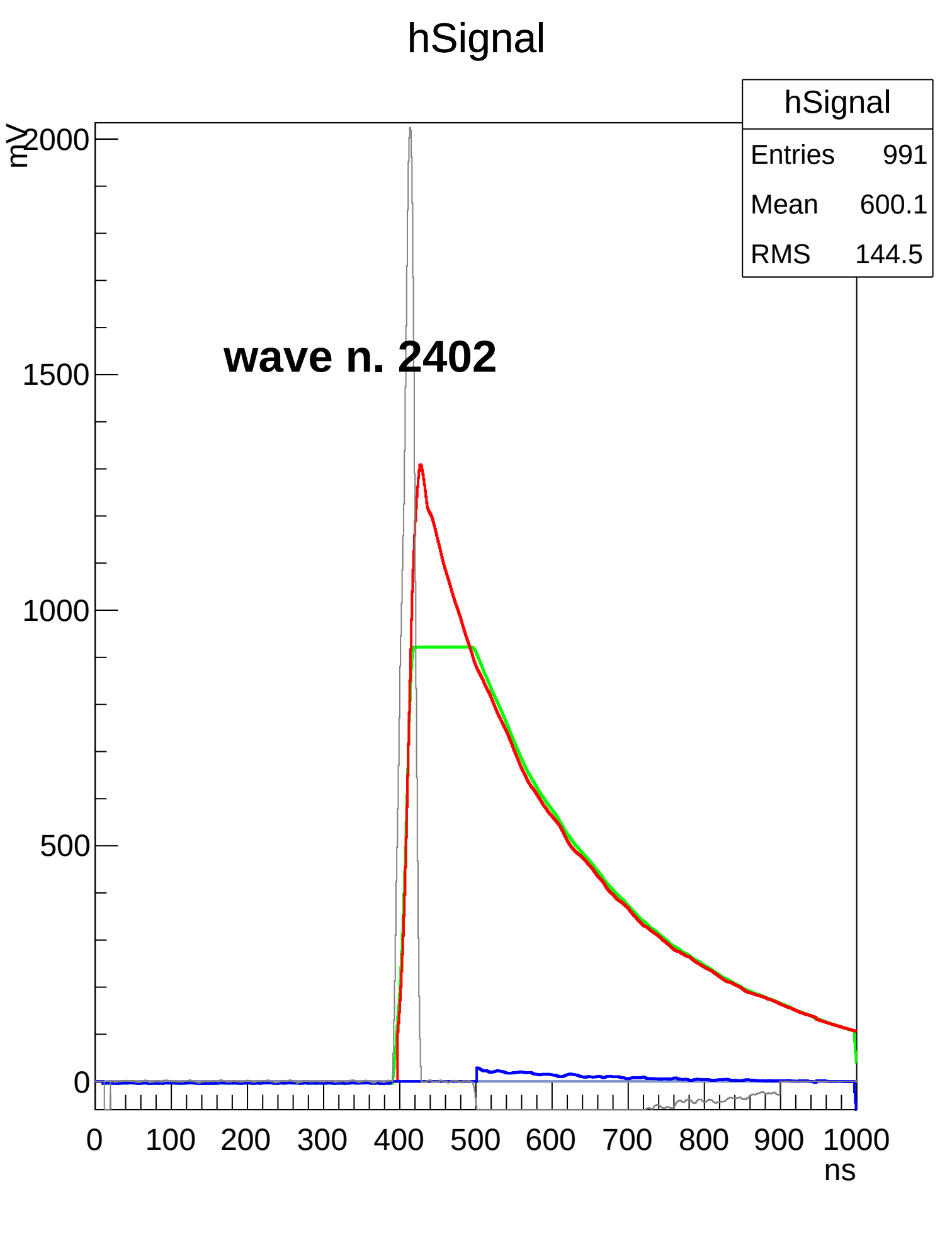
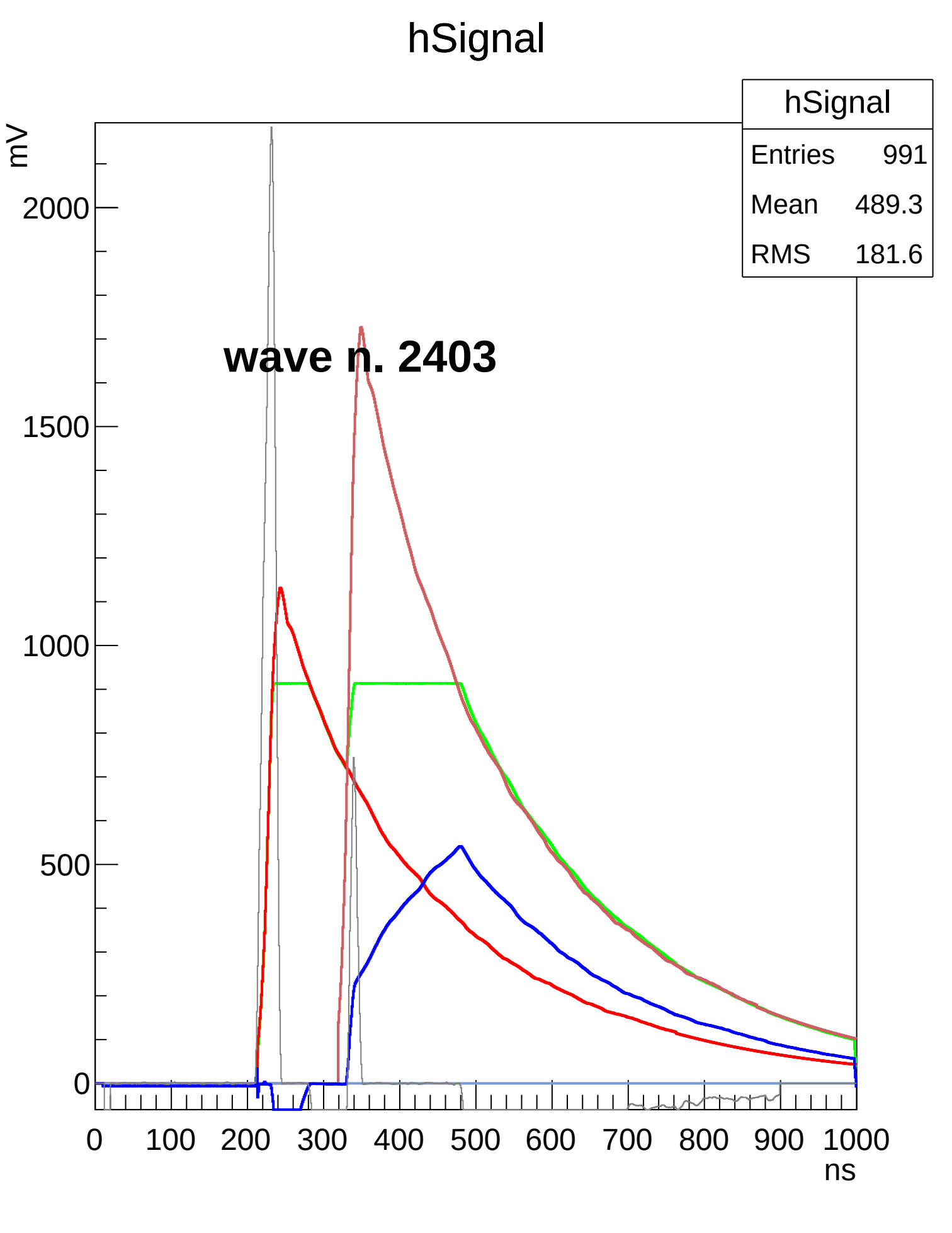

hSignal
hSignal
Entries 991
Mean 600.1
RMS 144.5
wave n. 2402
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 489.3
RMS 181.6
wave n. 2403
mV
2000
1500
1000
500
0
0
100
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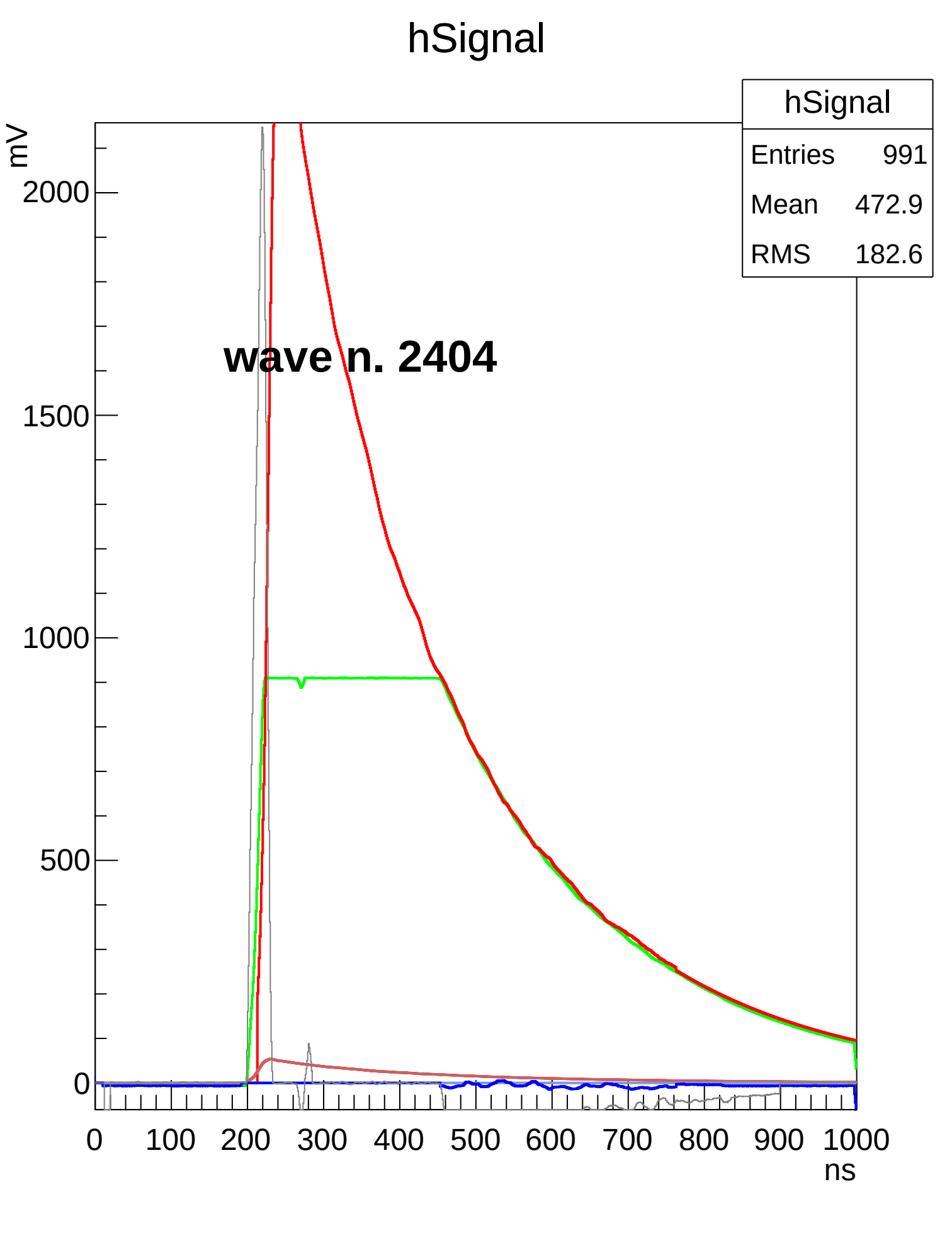
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 472.9
RMS 182.6
wave n. 2404
mV
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1500
1000
500
0
0
100
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400
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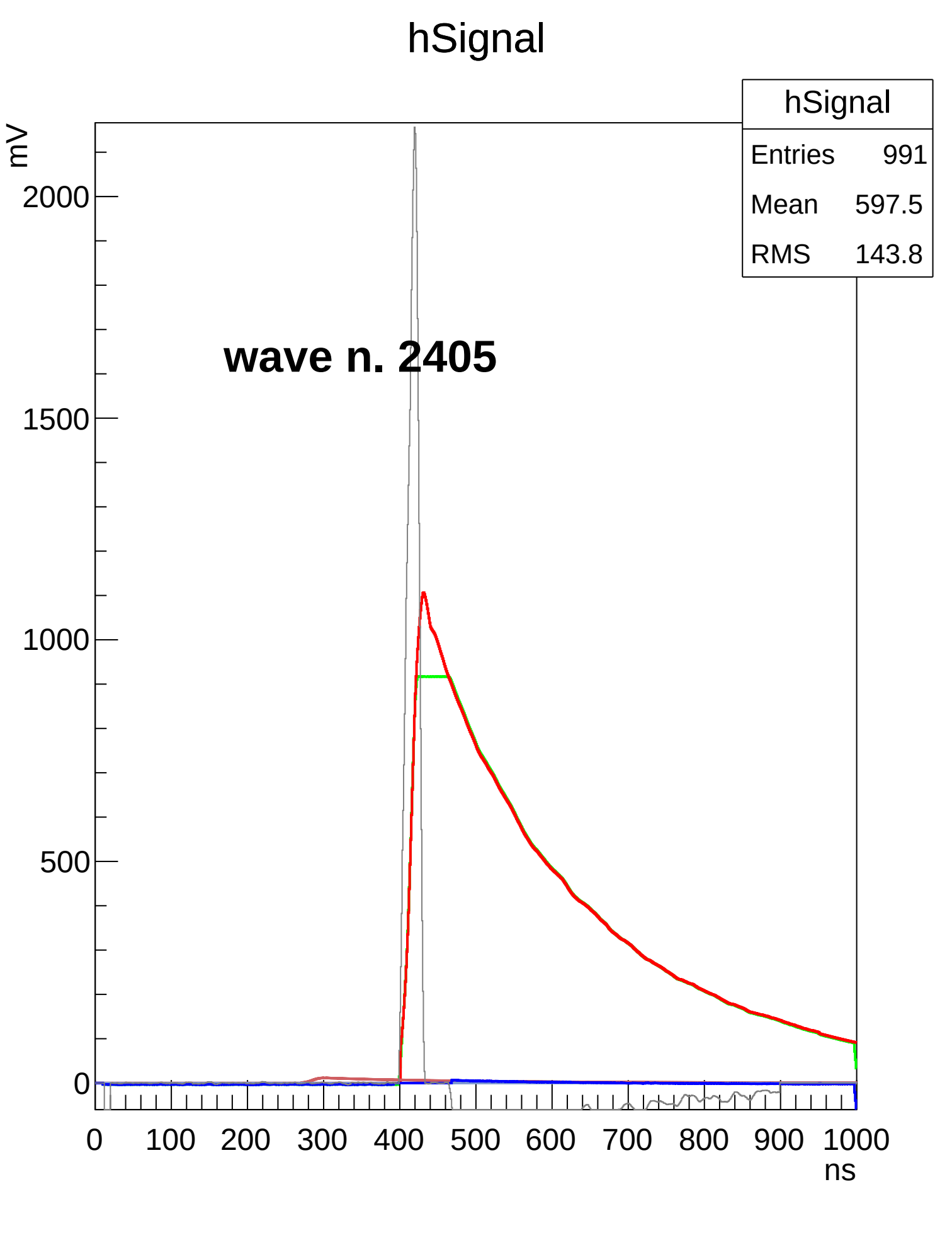
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597.5
RMS 143.8
wave n. 2405
mV
2000
1500
1000
500
0
0
100
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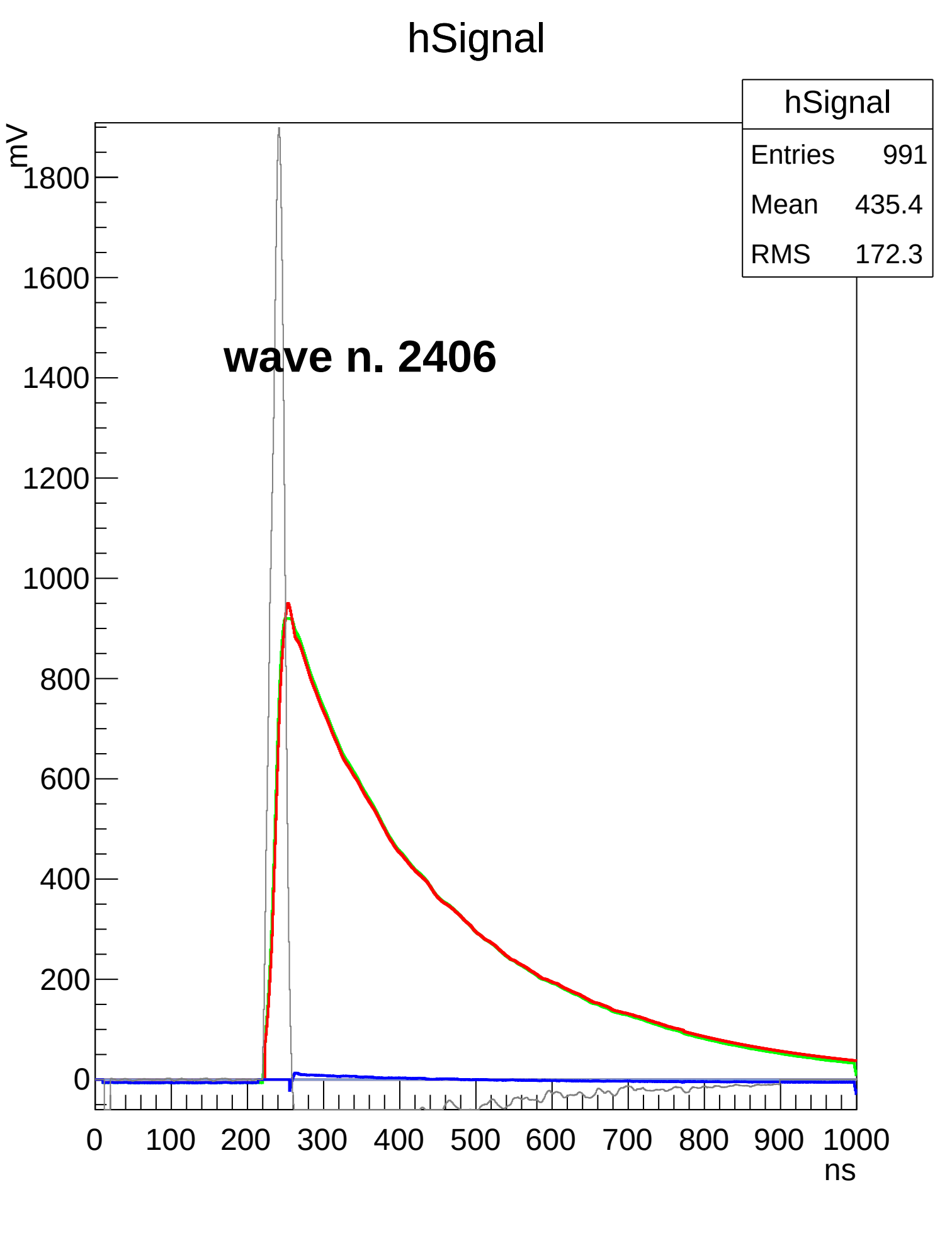
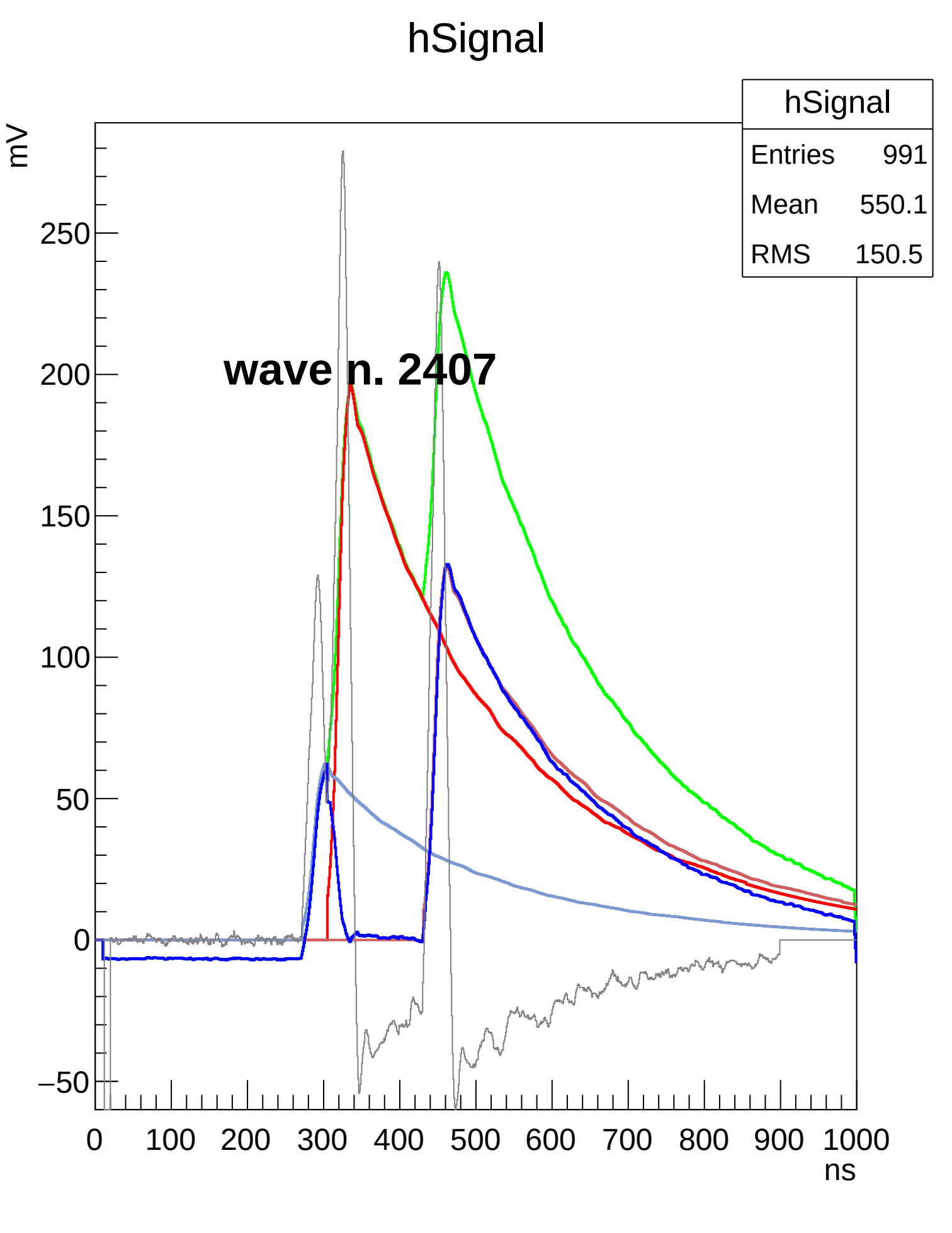
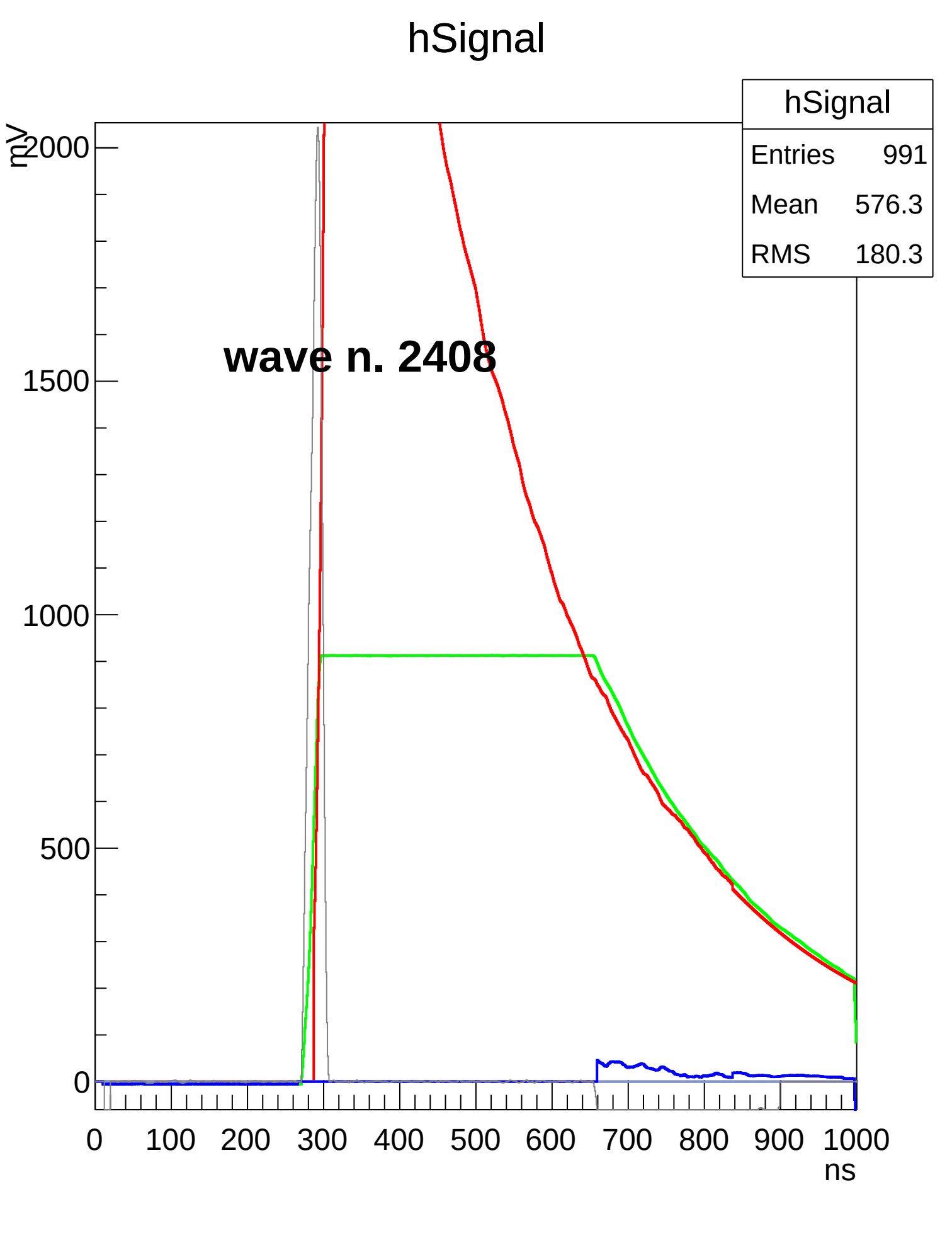
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 435.4
RMS 172.3
wave n. 2406
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.1
RMS 150.5
wave n. 2407
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576.3
RMS 180.3
wave n. 2408
mV
2000
1500
1000
500
0
0
100
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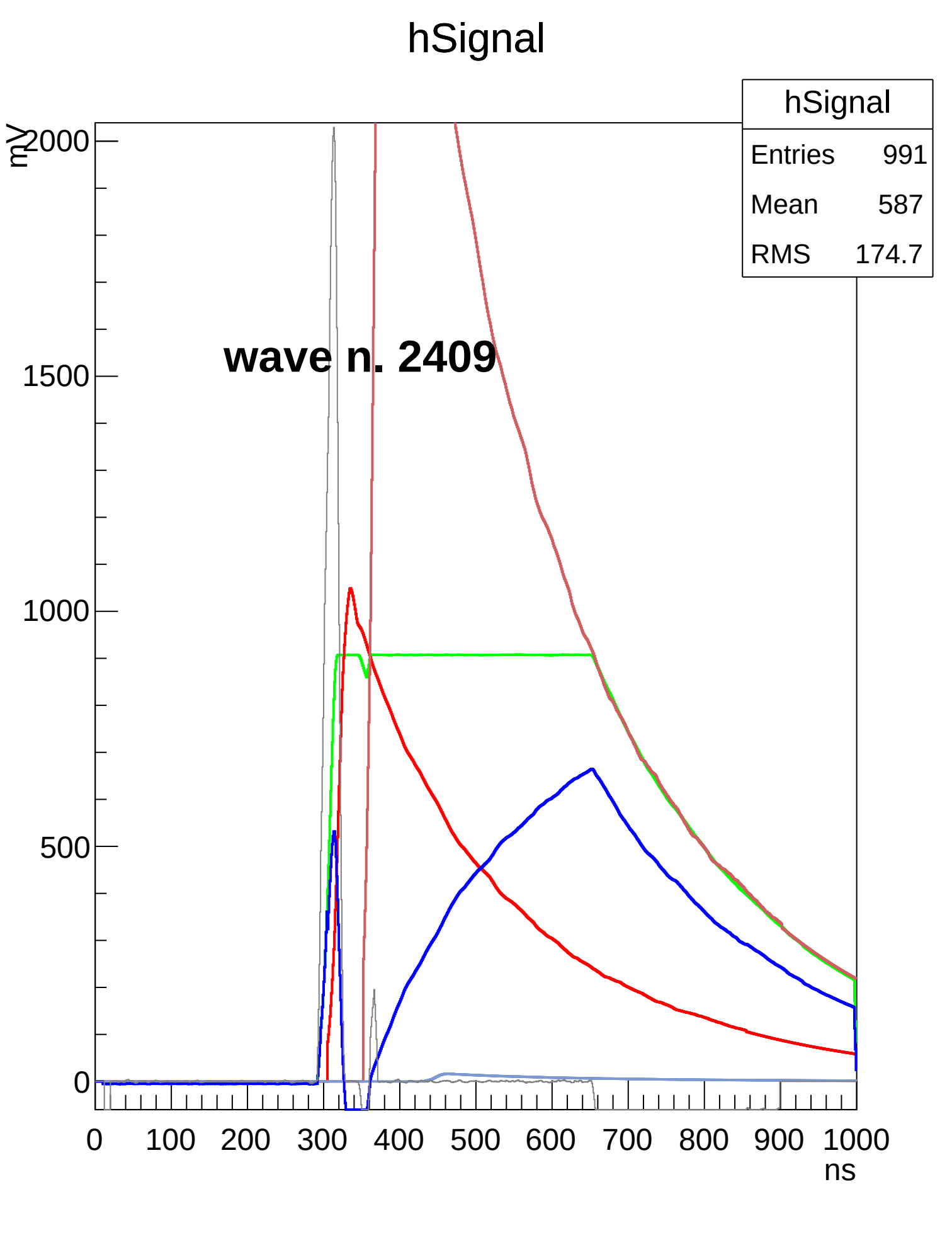
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 587
RMS 174.7
wave n. 2409
mV
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1500
1000
500
0
0
100
200
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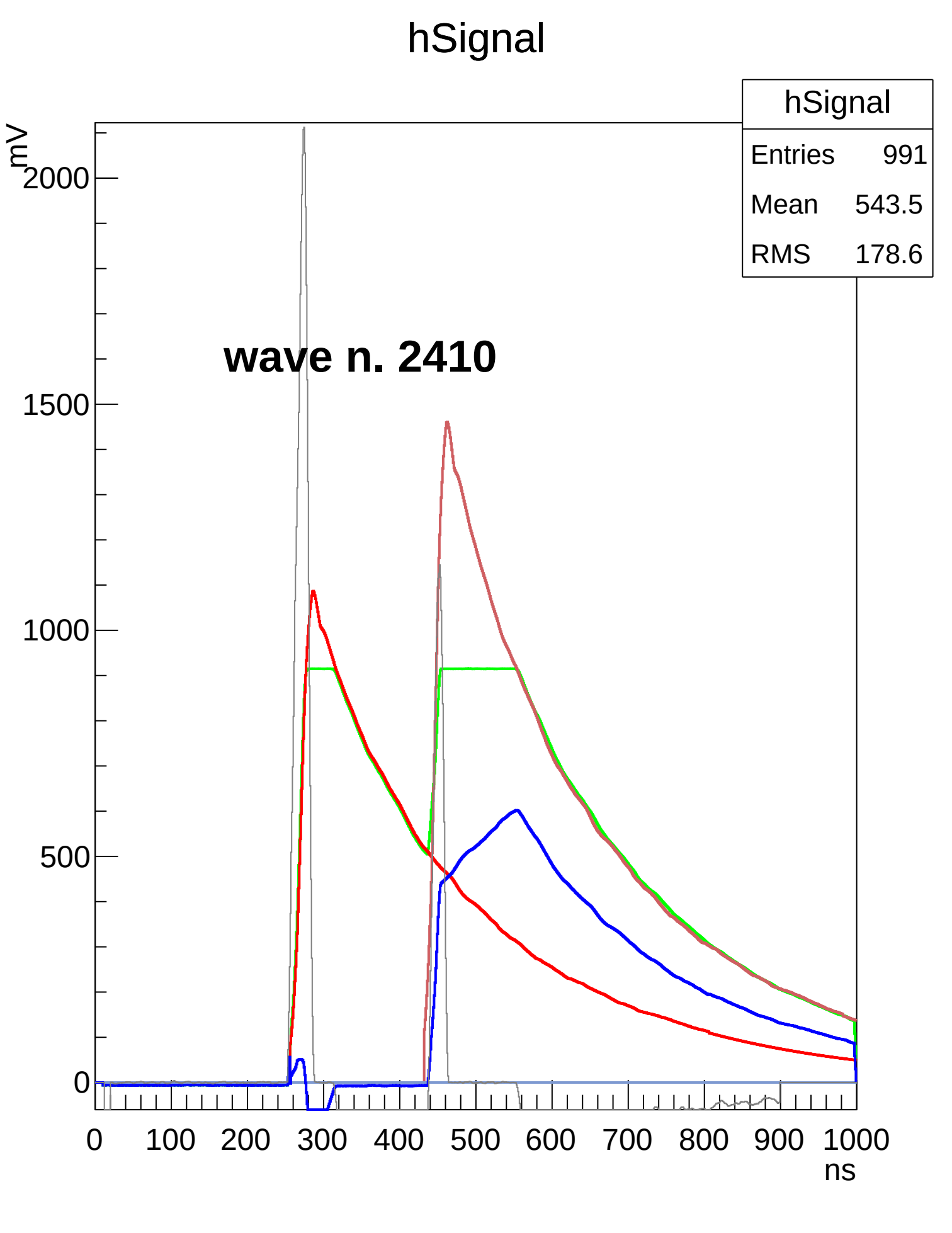
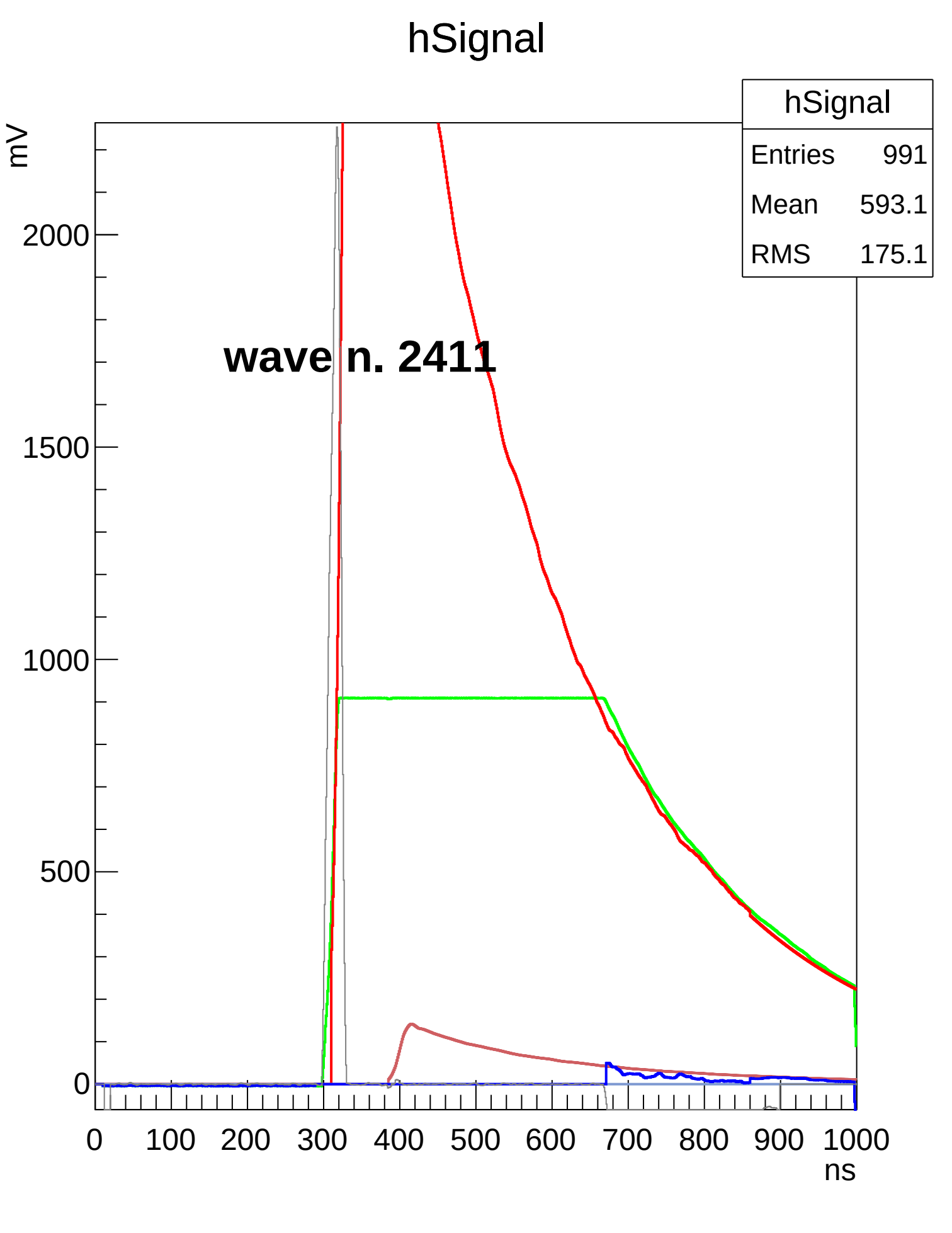
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 543.5
RMS 178.6
wave n. 2410
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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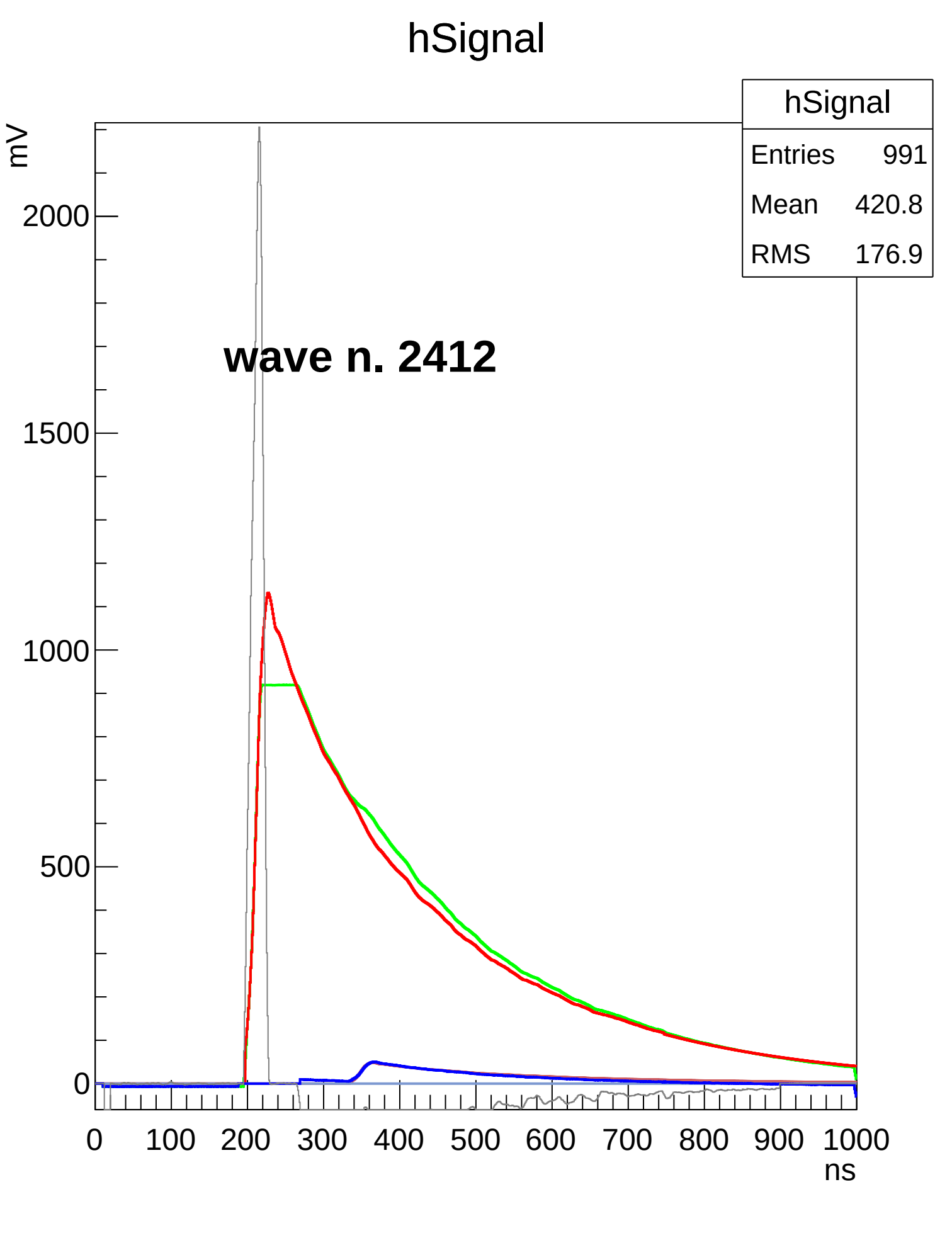
hSignal
Entries 991
Mean 593.1
RMS 175.1
wave n. 2411
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 420.8
RMS 176.9
wave n. 2412
mV
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1500
1000
500
0
0
100
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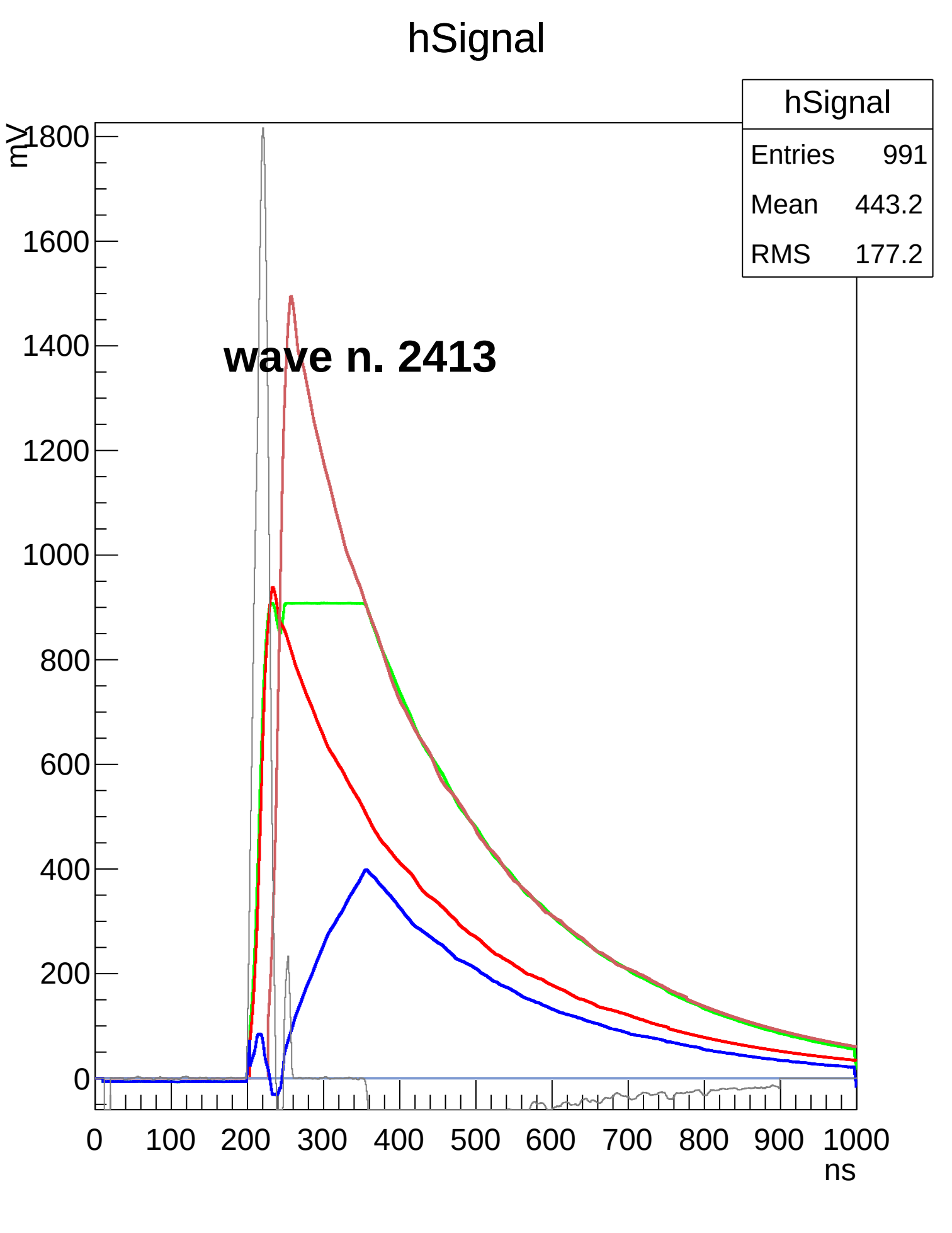
800
900
1000
ns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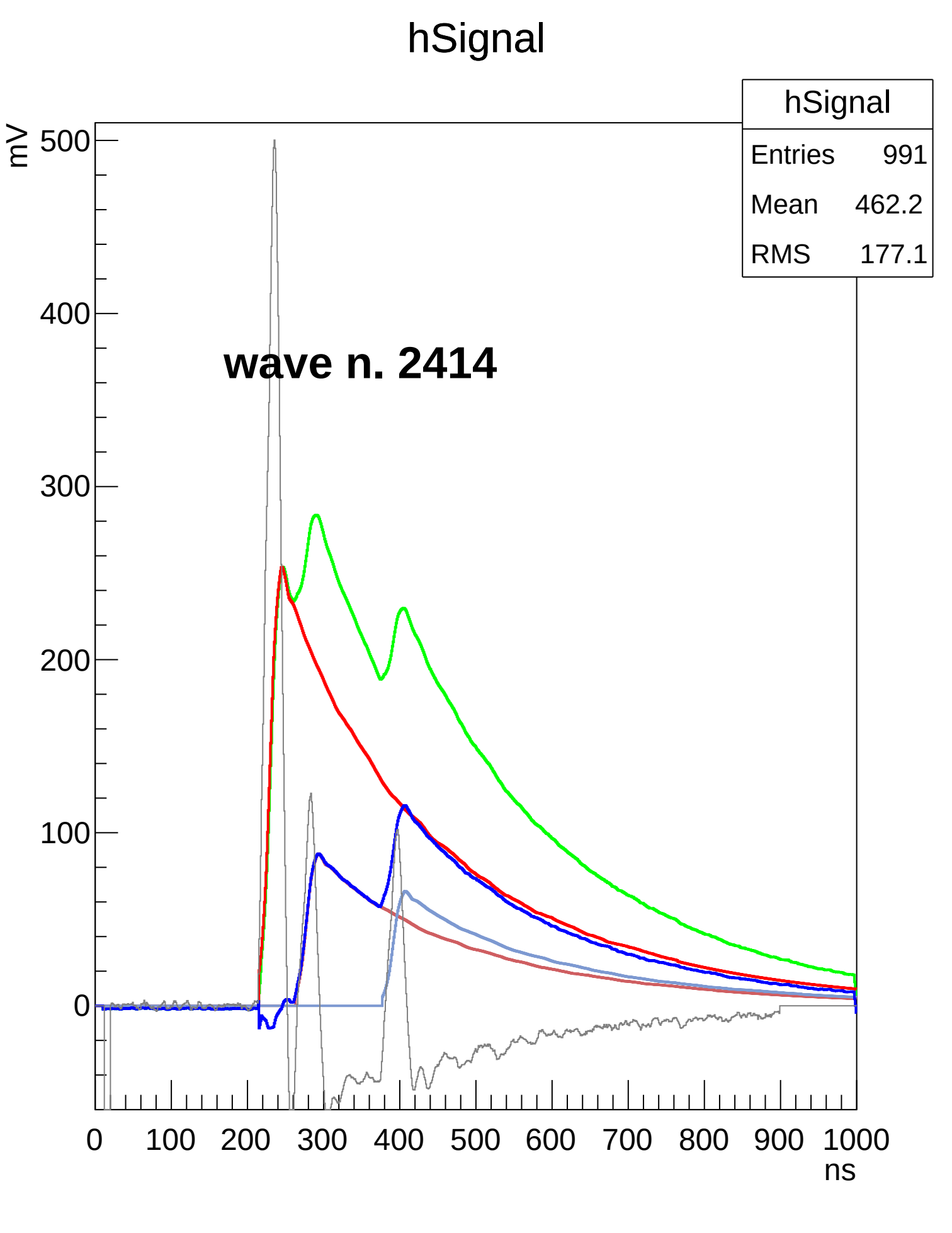
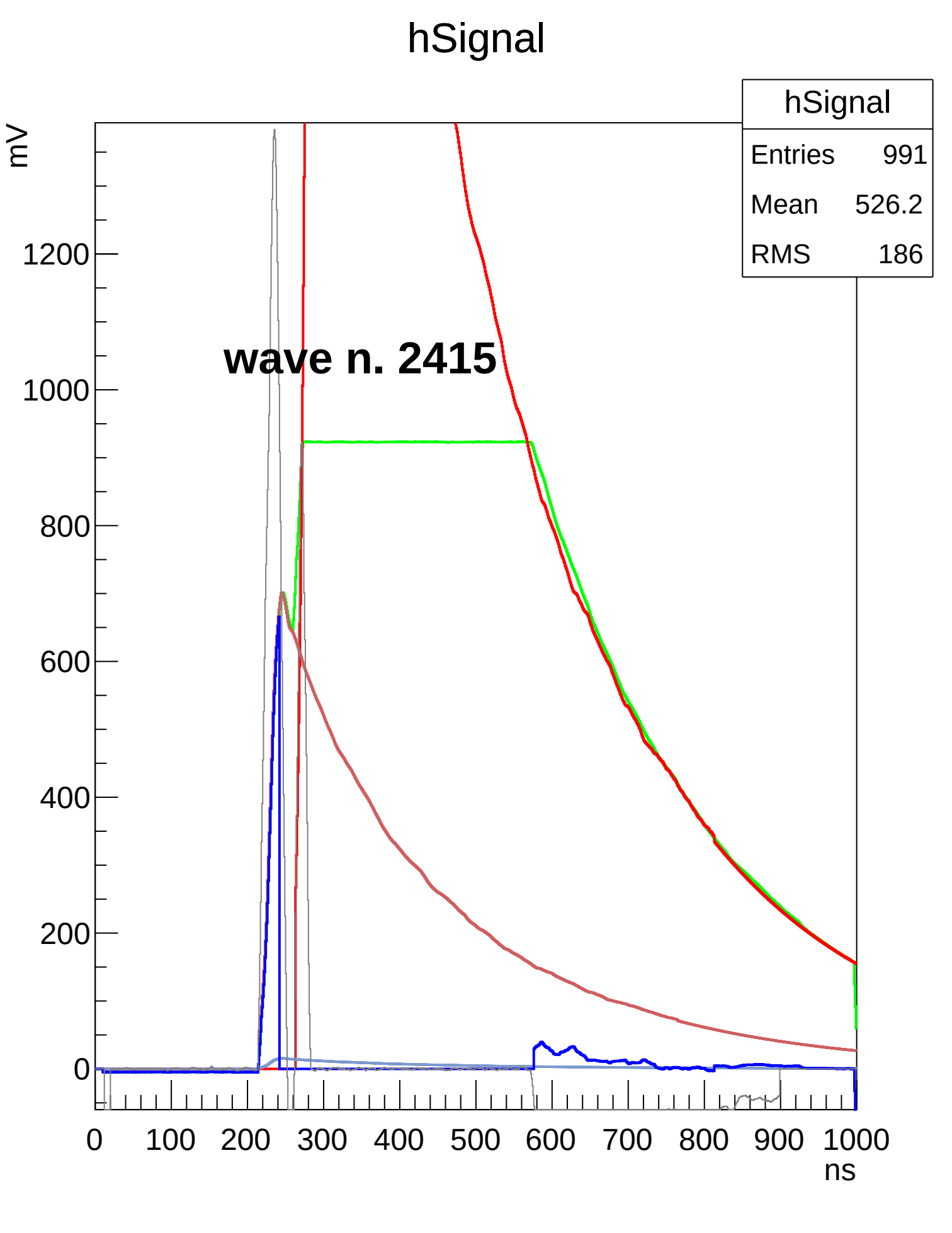
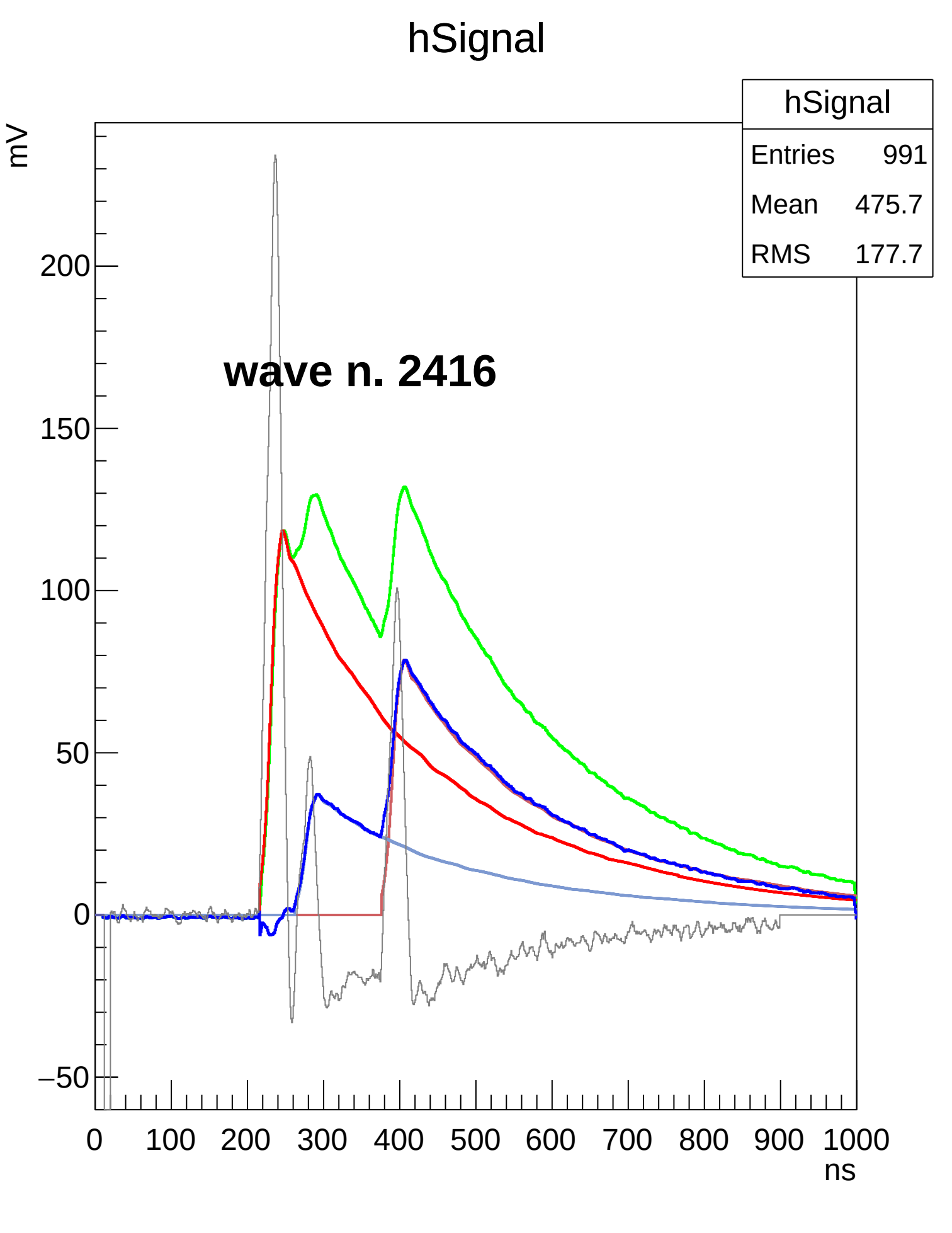
hSignal
Entries 991
Mean 443.2
RMS 177.2
wave n. 2413
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 462.2
RMS 177.1
wave n. 2414
mV
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 526.2
RMS 186
wave n. 2415
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 475.7
RMS 177.7
wave n. 2416
mV
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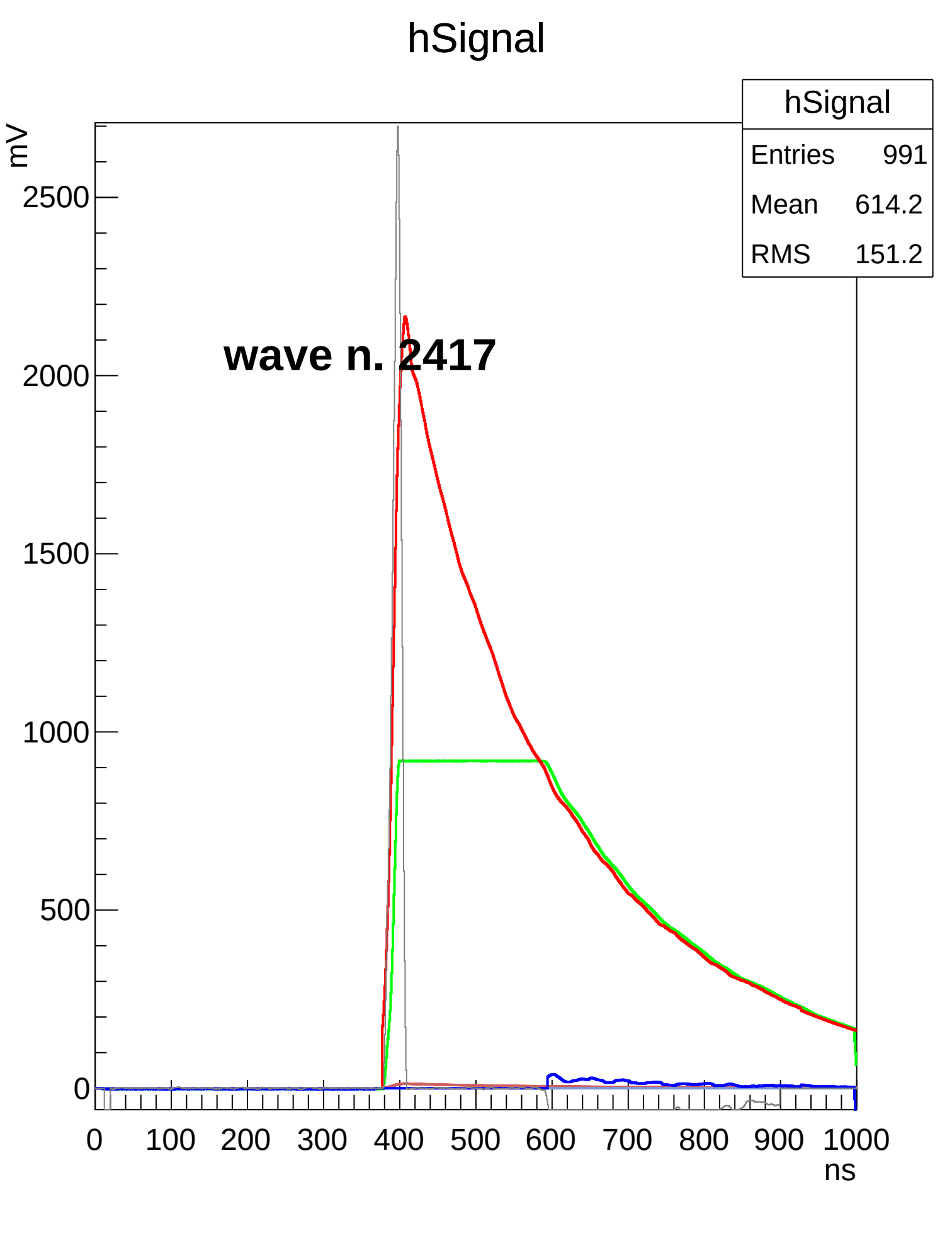
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 614.2
RMS 151.2
wave n. 2417
mV
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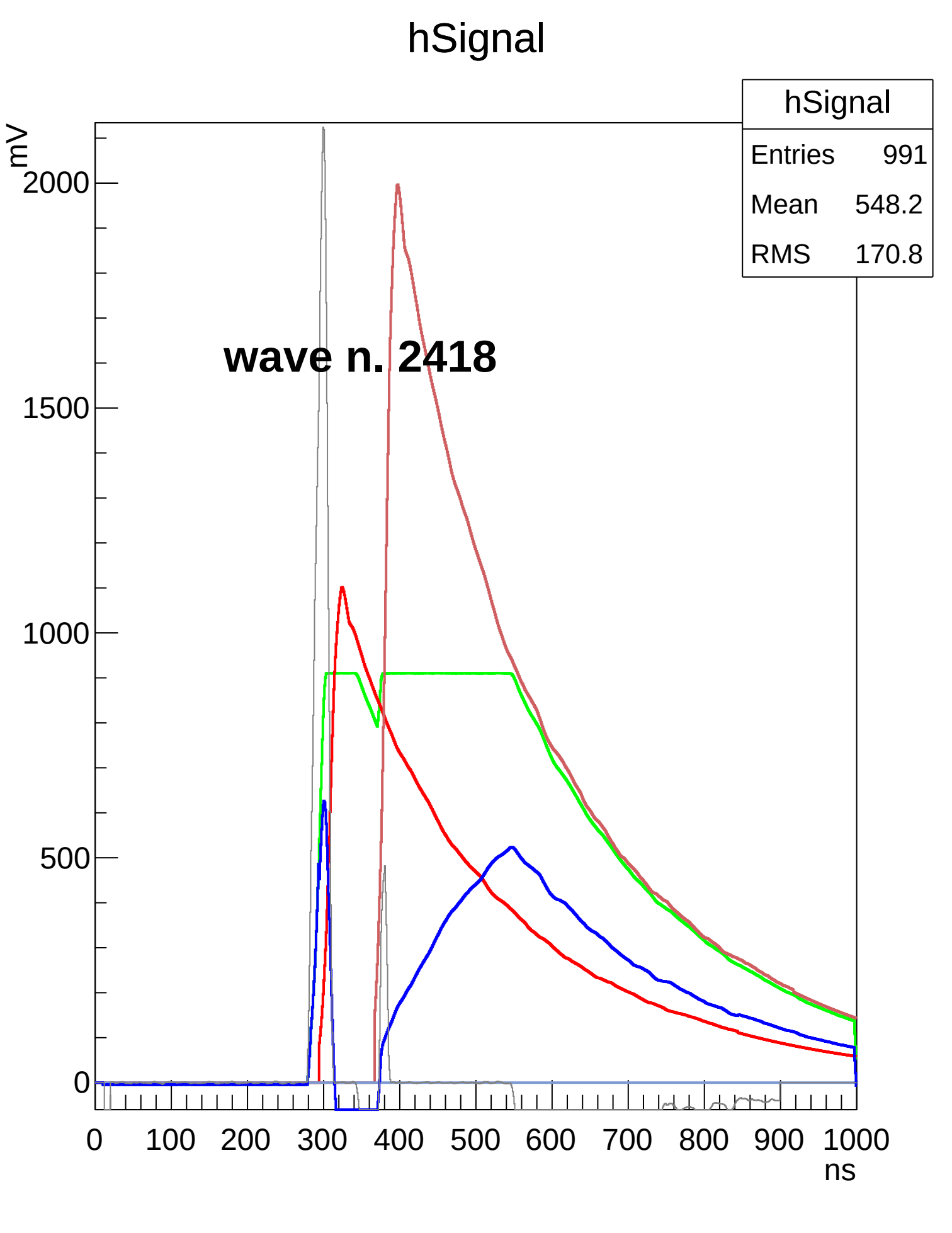
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 548.2
RMS 170.8
wave n. 2418
mV
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1000
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400
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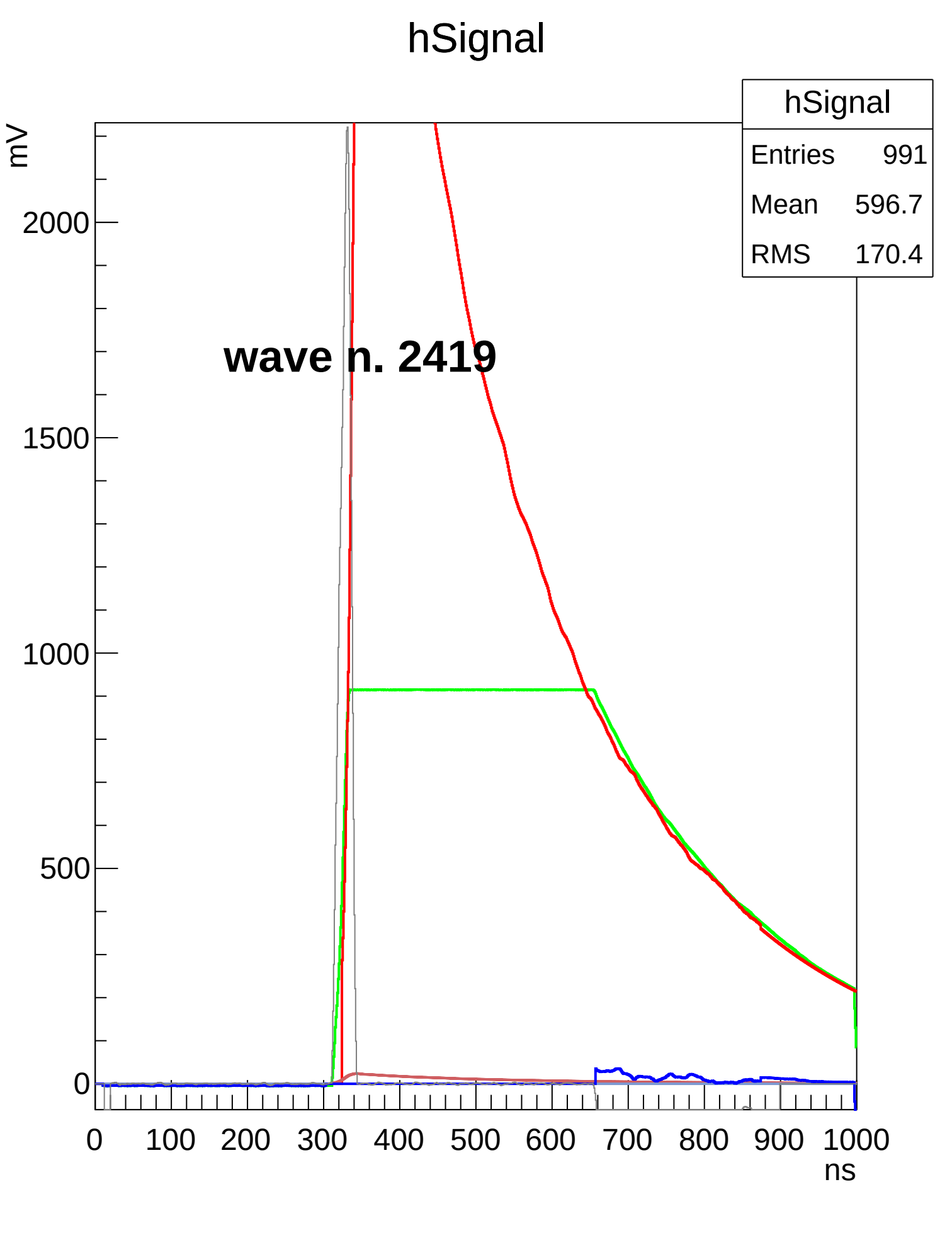
hSignal
hSignal
Entries 991
Mean 596.7
RMS 170.4
wave n. 2419
mV
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1500
1000
500
0
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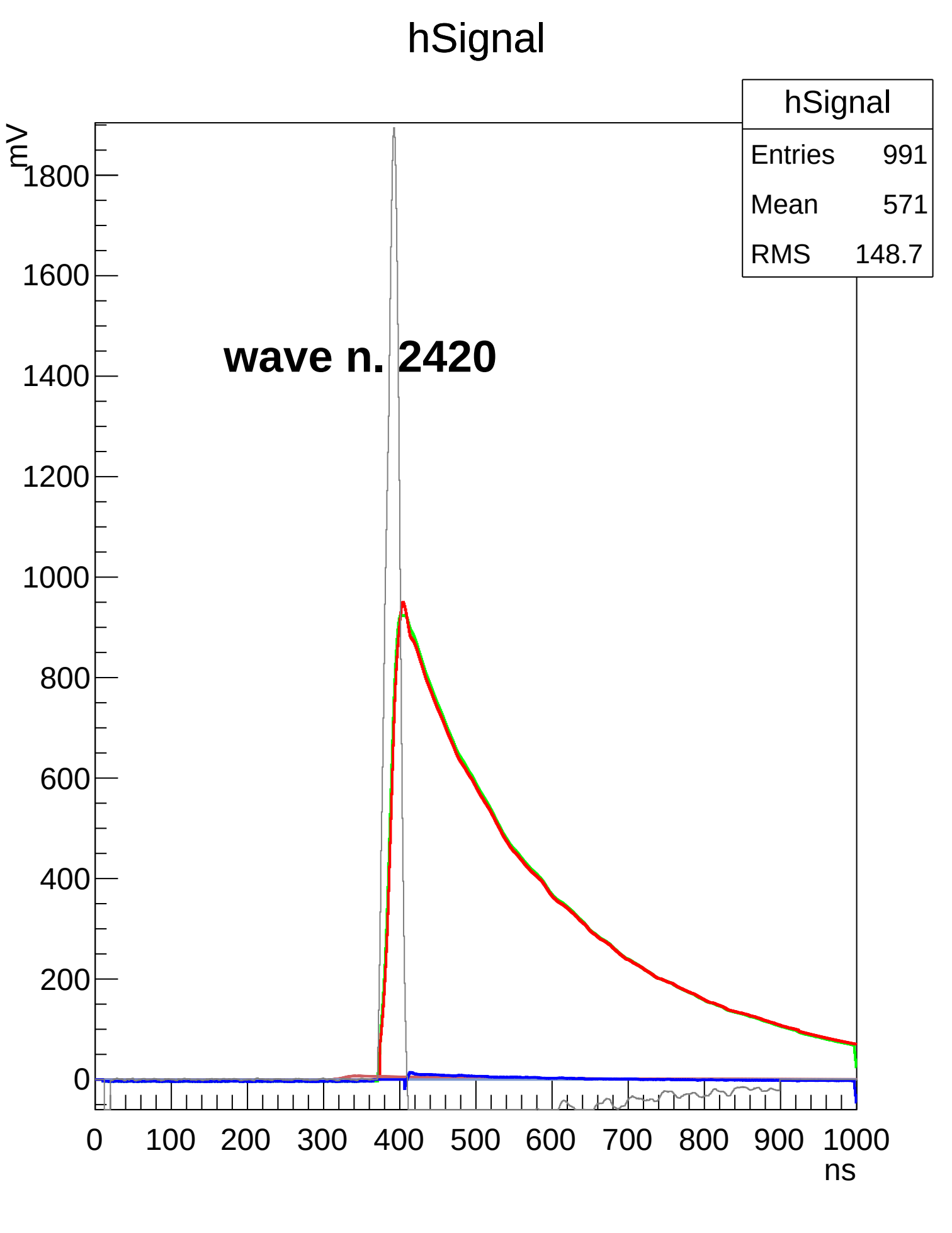
ns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hSignal
Entries 991
Mean 571
RMS 148.7
wave n. 2420
mV
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1600
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600
400
200
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200
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400
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1000
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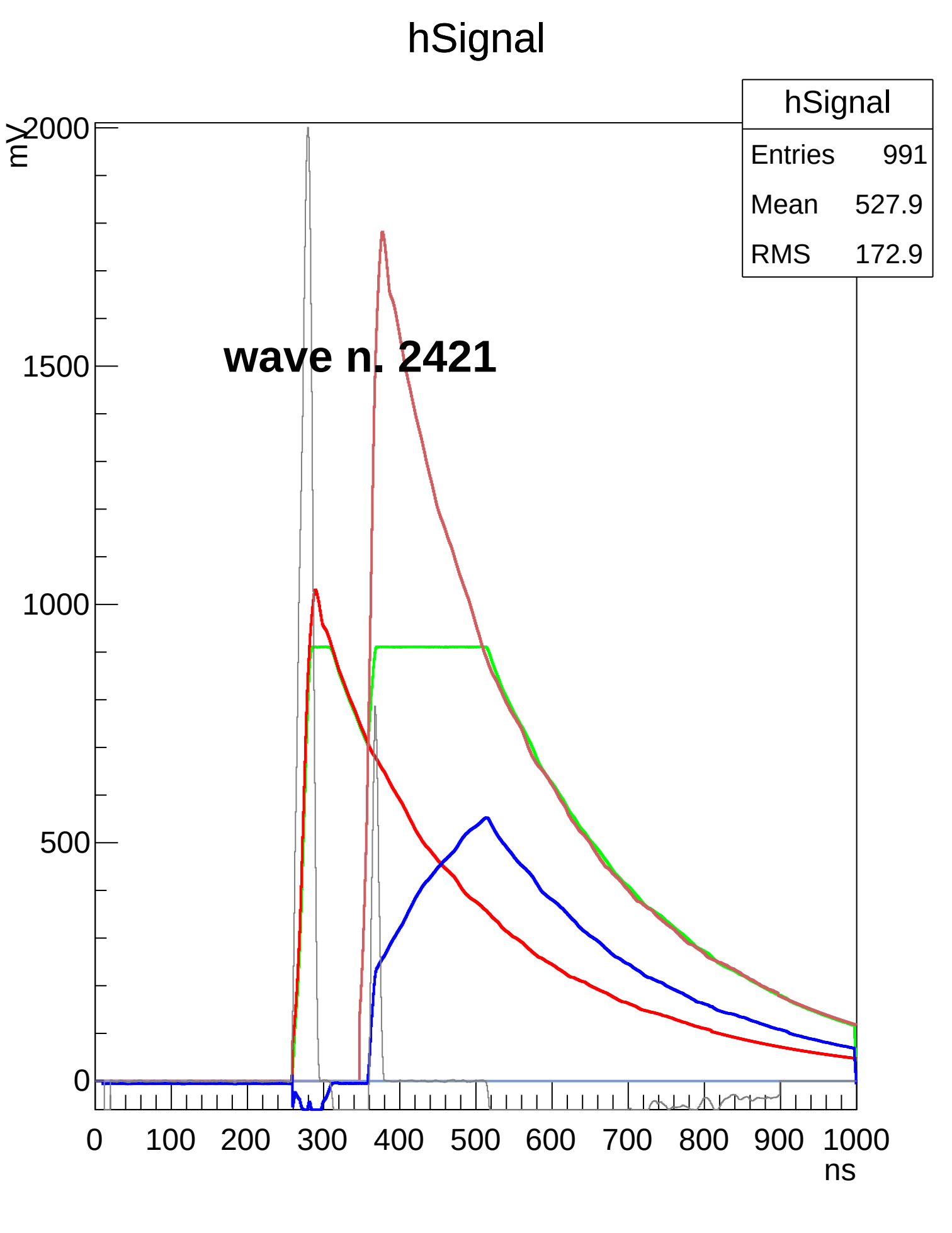
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hSignal
Entries 991
Mean 527.9
RMS 172.9
wave n. 2421
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400
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1000
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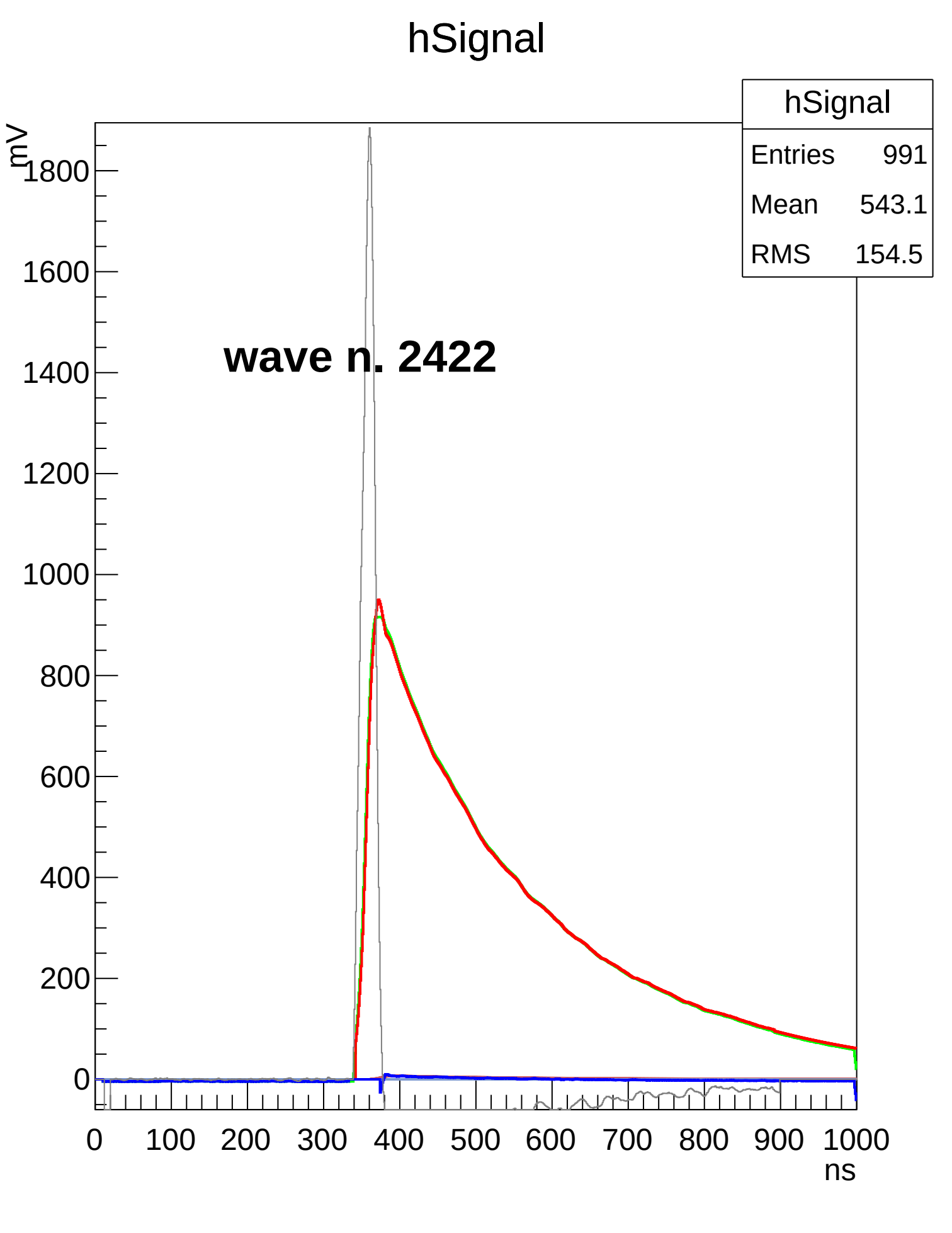
hSignal
hSignal
Entries 991
Mean 543.1
RMS 154.5
wave n. 2422
mV
1800
1600
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600
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200
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0
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1000
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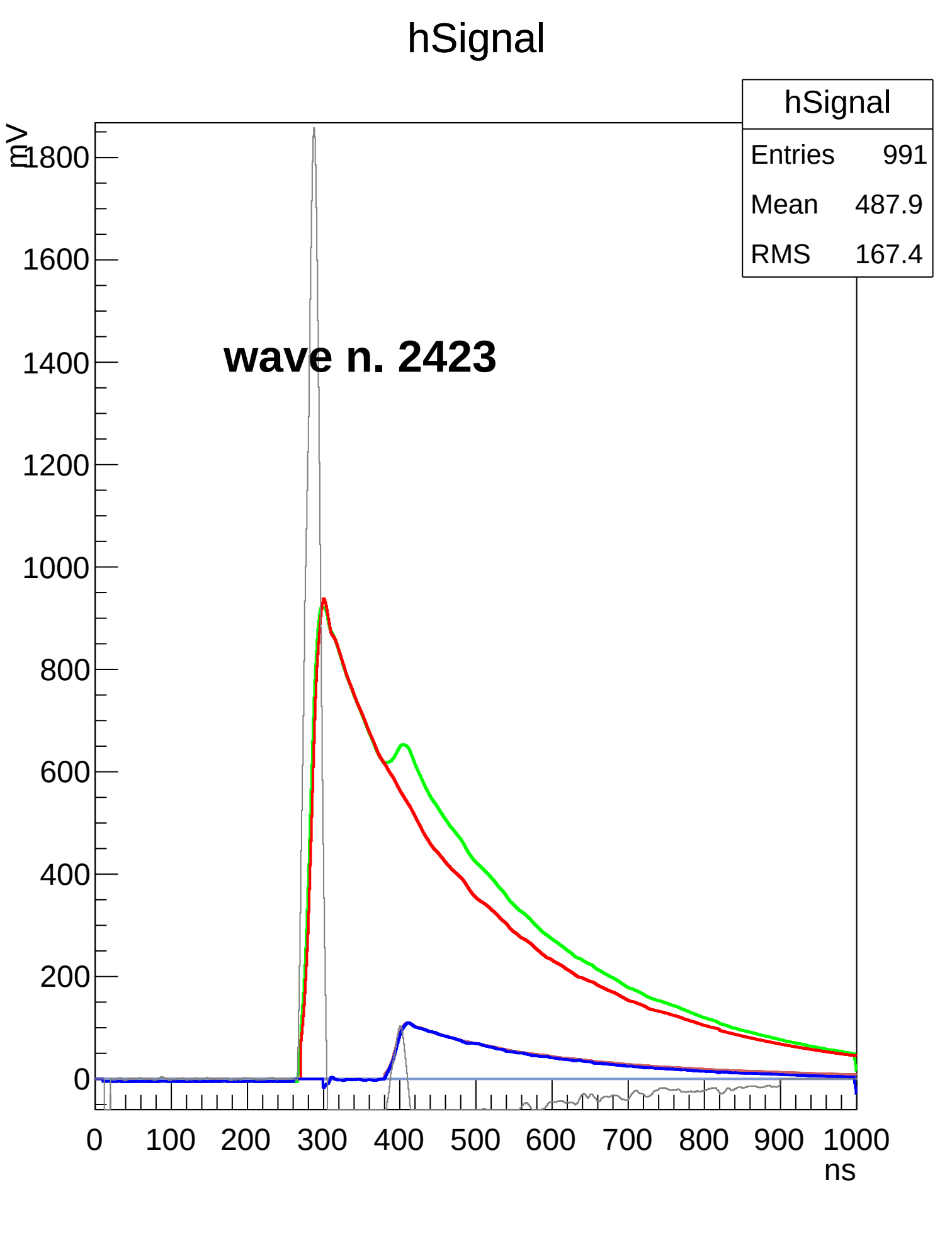
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hSignal
Entries 991
Mean 487.9
RMS 167.4
wave n. 2423
mV
1800
1600
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1200
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400
200
0
0
100
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1000
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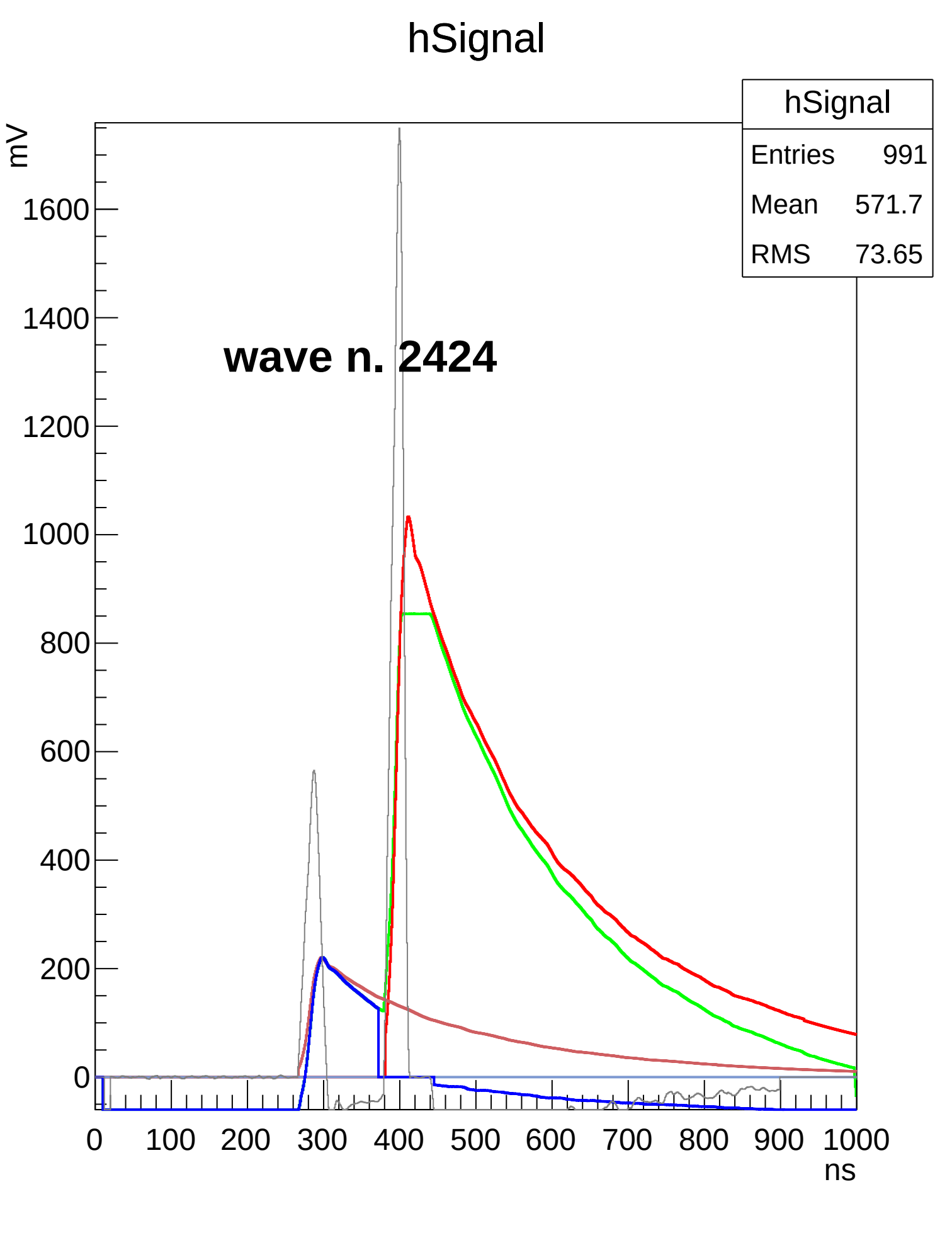
hSignal
hSignal
Entries 991
Mean 571.7
RMS 73.65
wave n. 2424
mV
1600
1400
1200
1000
800
600
400
200
0
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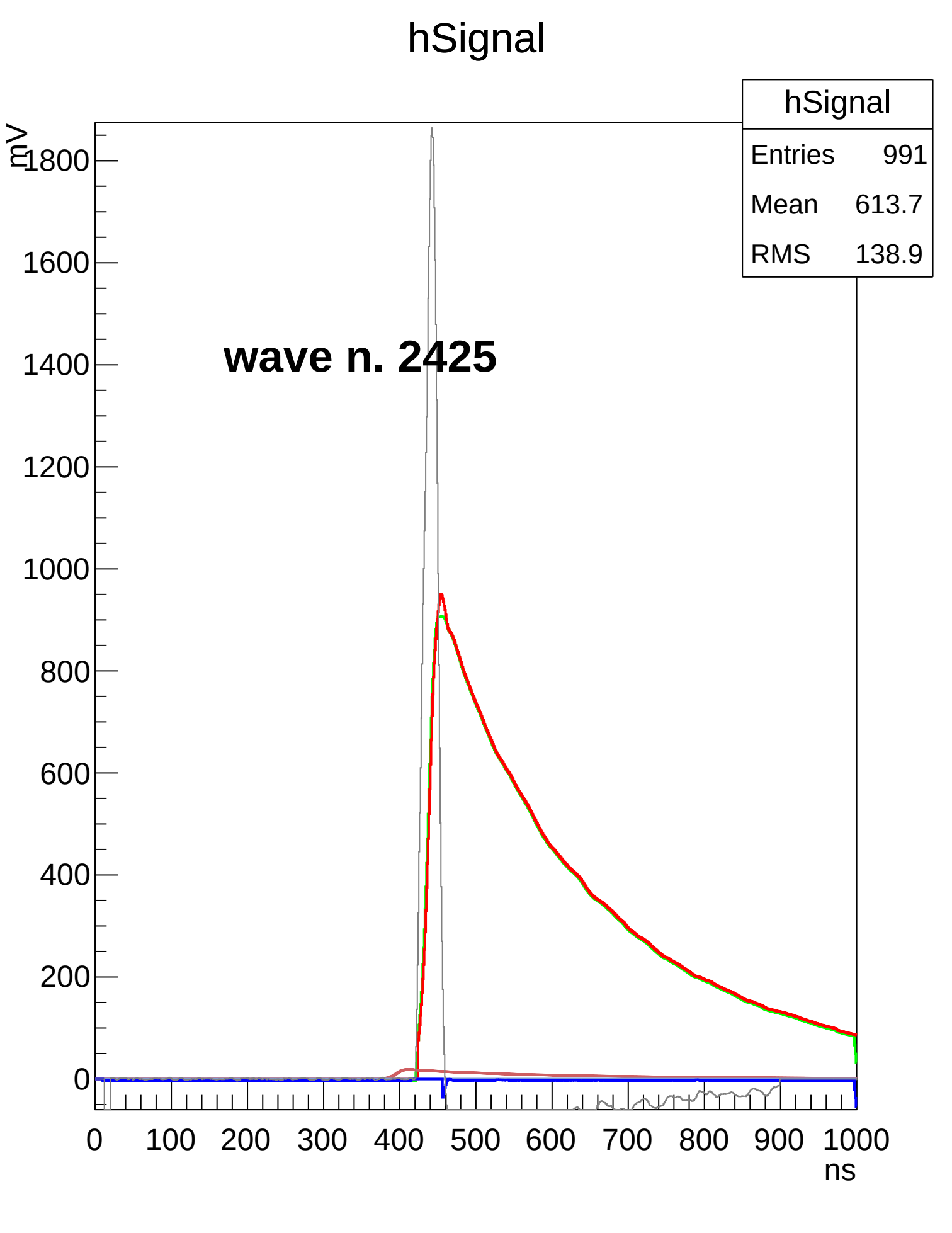
ns


hSignal
hSignal
Entries 991
Mean 613.7
RMS 138.9
wave n. 2425
mV
1800
1600
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1200
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400
200
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0
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400
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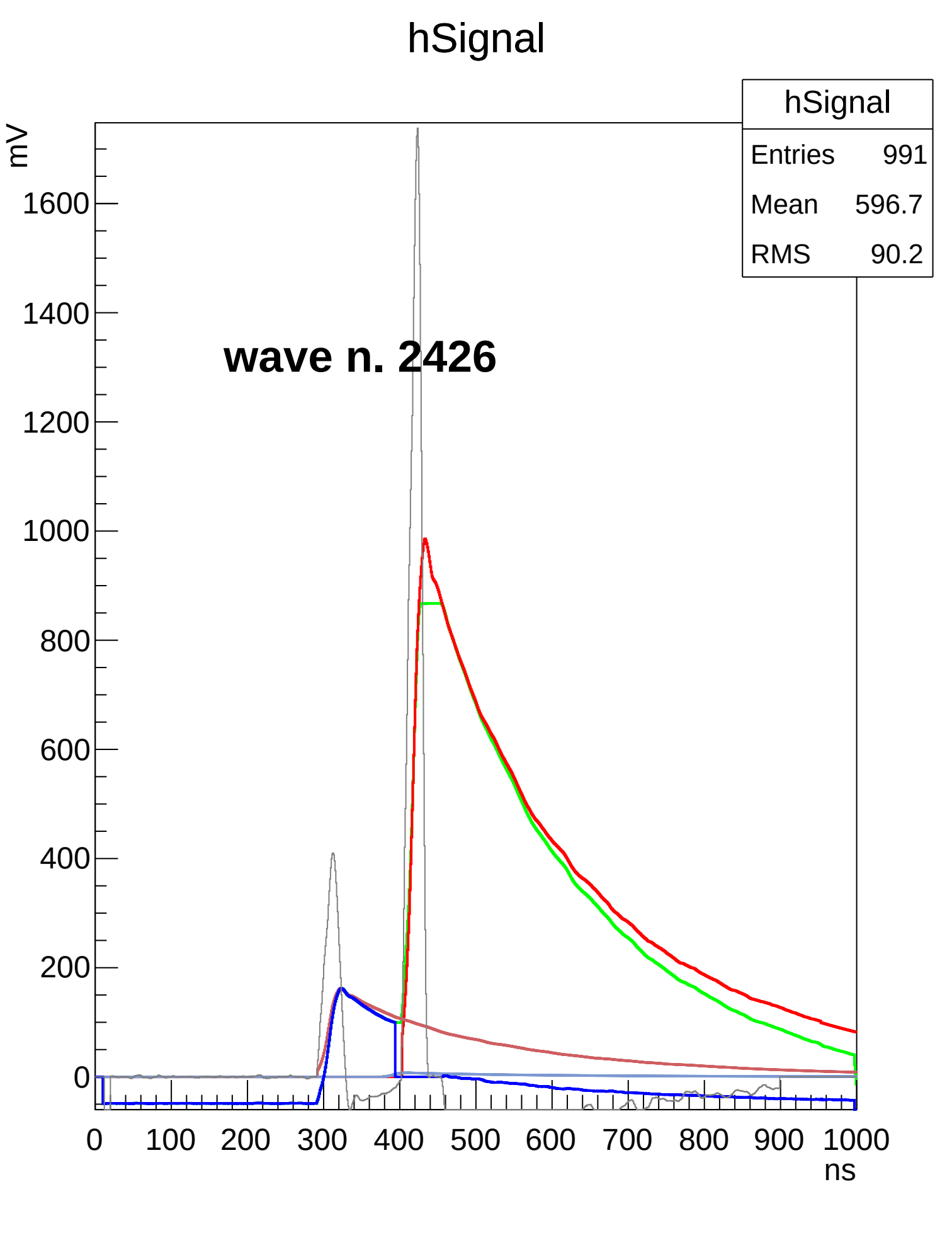
1000
ns


hSignal
hSignal
Entries 991
Mean 596.7
RMS 90.2
wave n. 2426
mV
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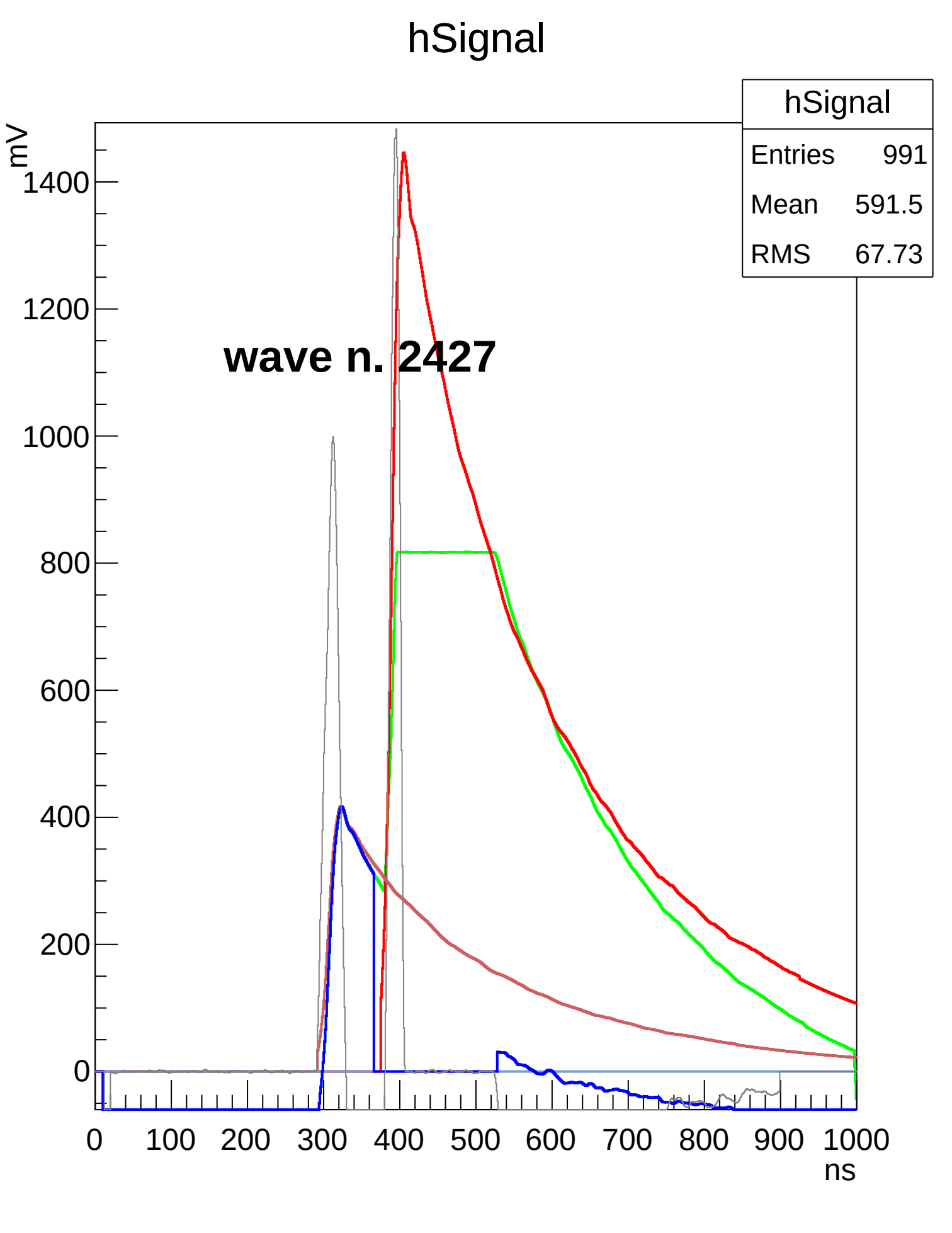
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 591.5
RMS 67.73
wave n. 2427
mV
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1200
1000
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600
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200
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100
200
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400
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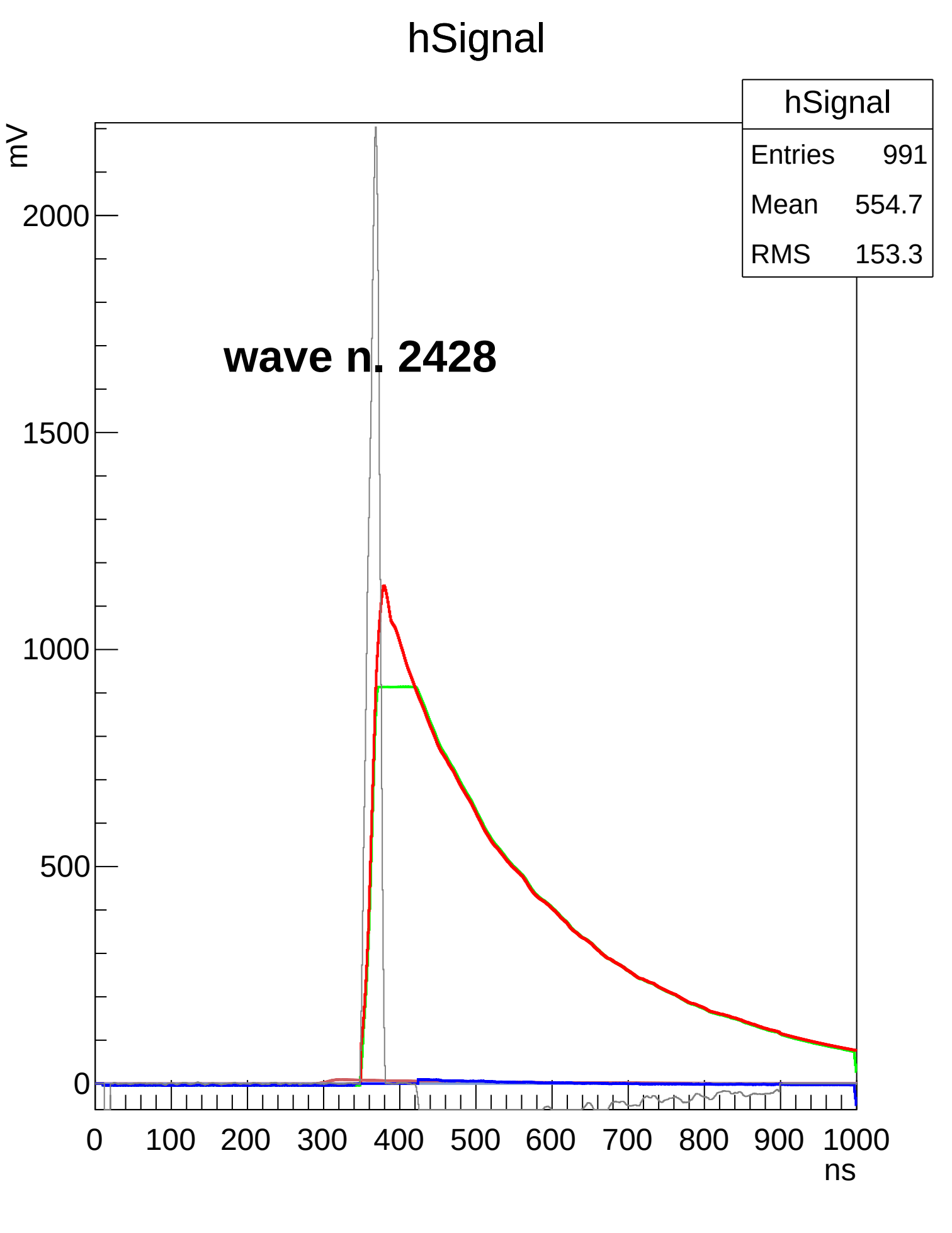
1000
ns


hSignal
hSignal
Entries 991
Mean 554.7
RMS 153.3
wave n. 2428
mV
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1500
1000
500
0
0
100
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800
900
1000
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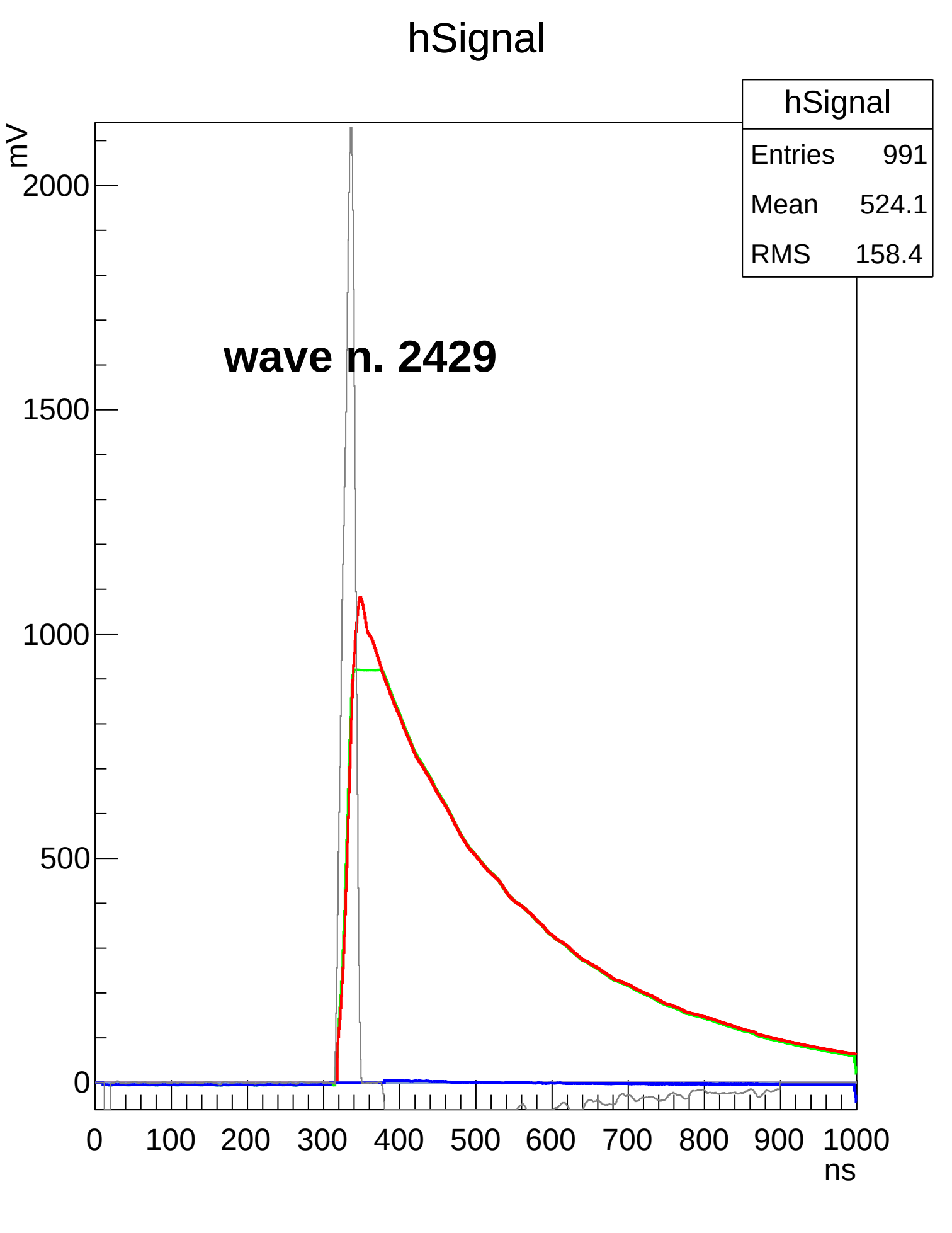
hSignal
hSignal
Entries 991
Mean 524.1
RMS 158.4
wave n. 2429
mV
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1500
1000
500
0
0
100
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800
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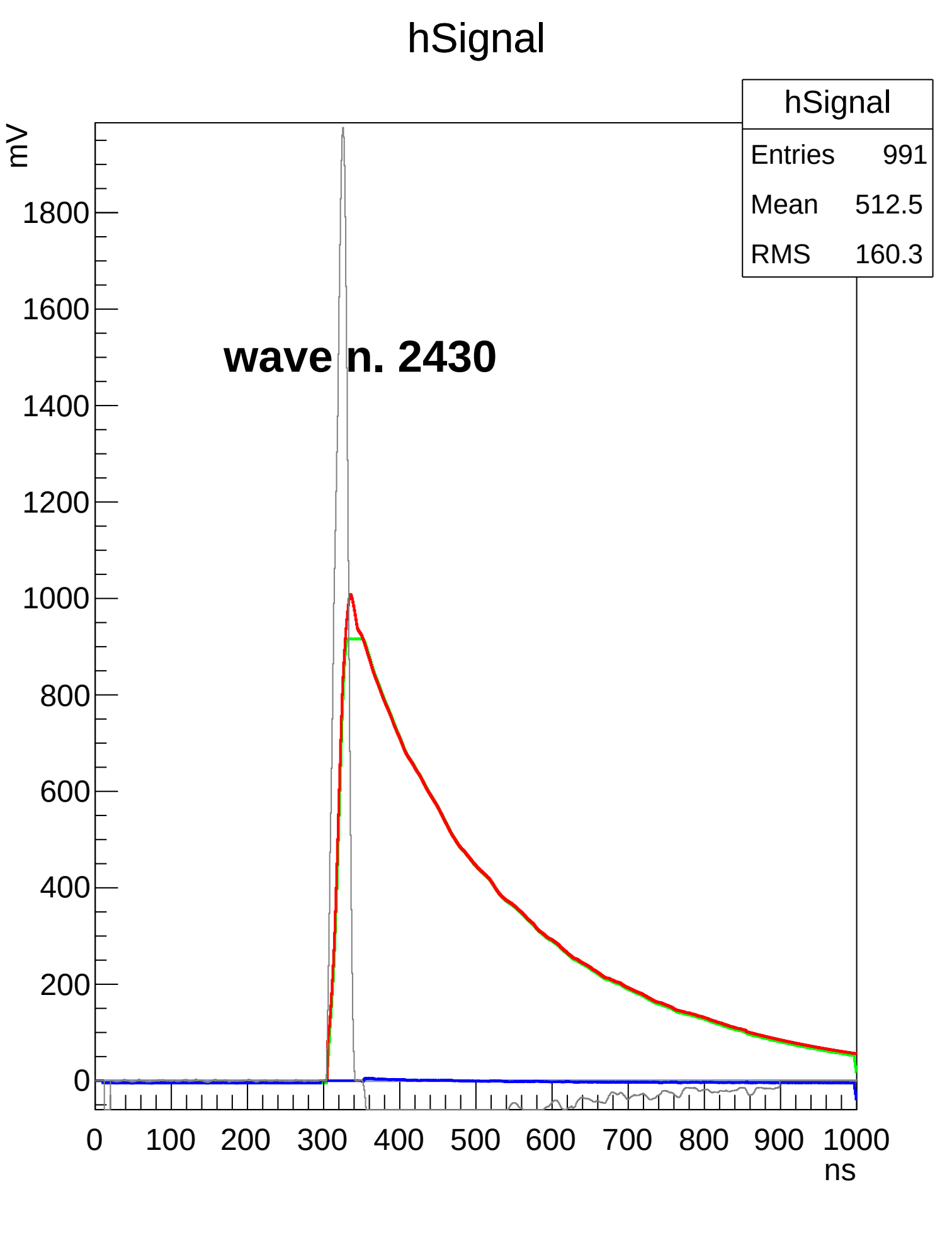
1000
ns


hSignal
hSignal
Entries 991
Mean 512.5
RMS 160.3
wave n. 2430
mV
1800
1600
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1200
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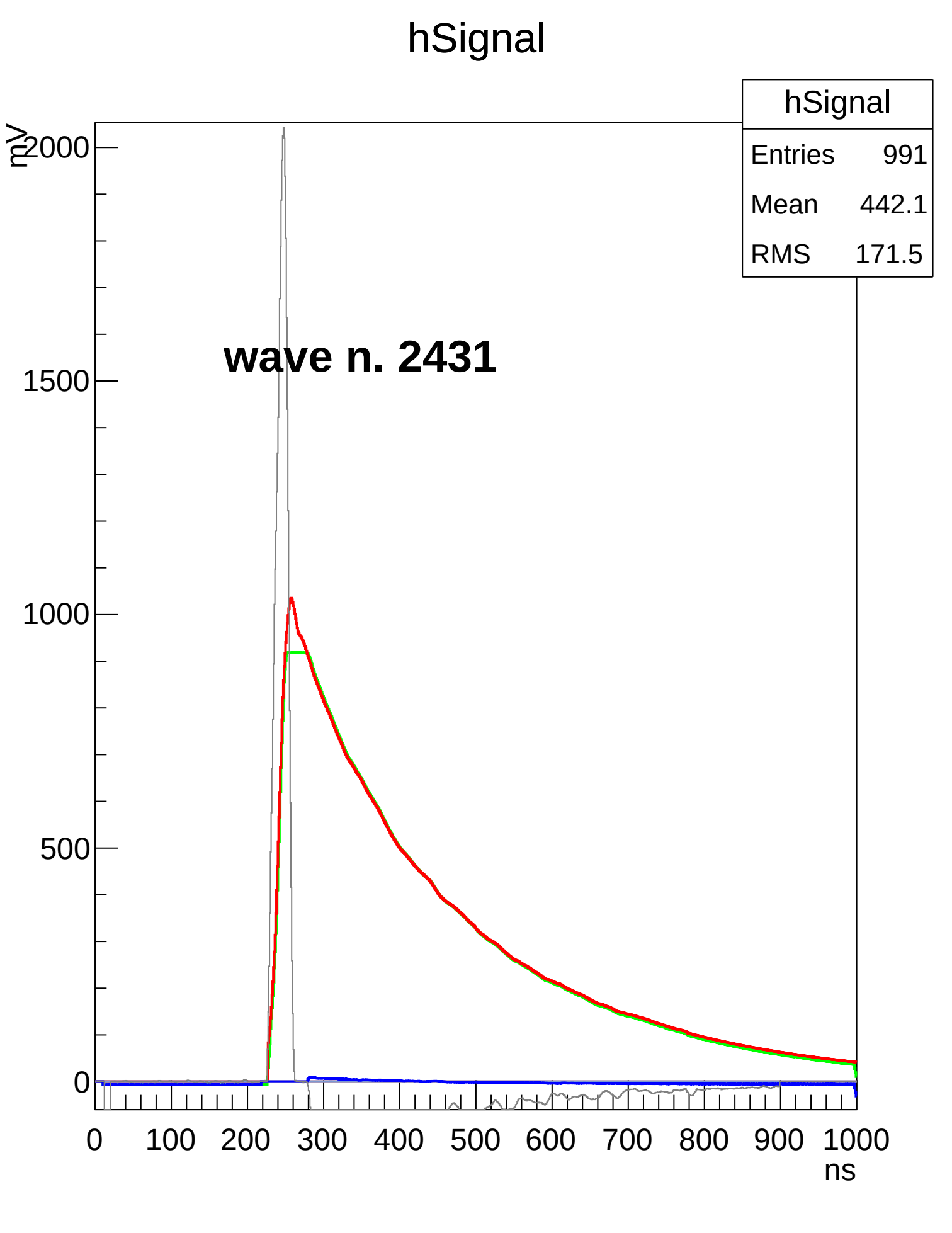
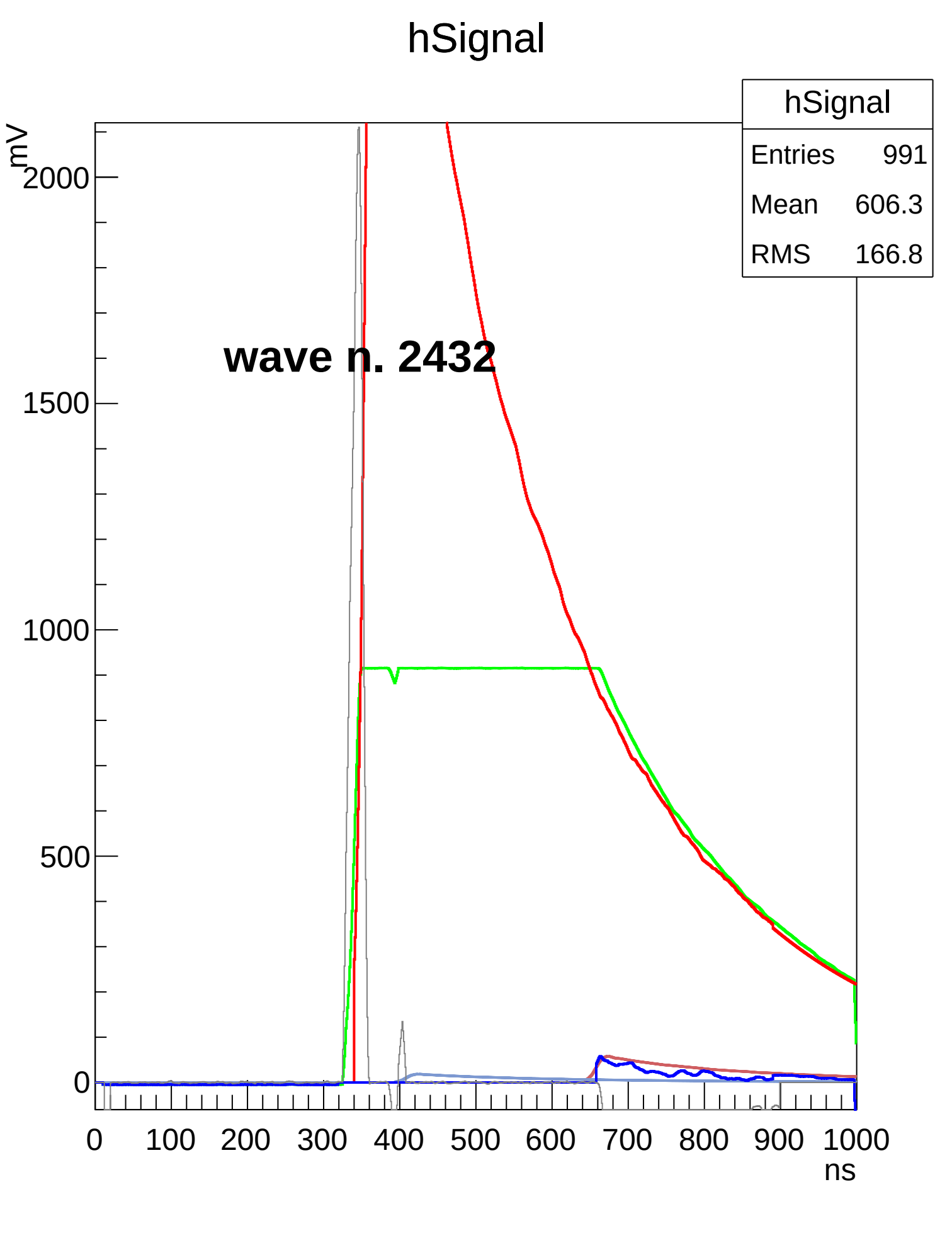
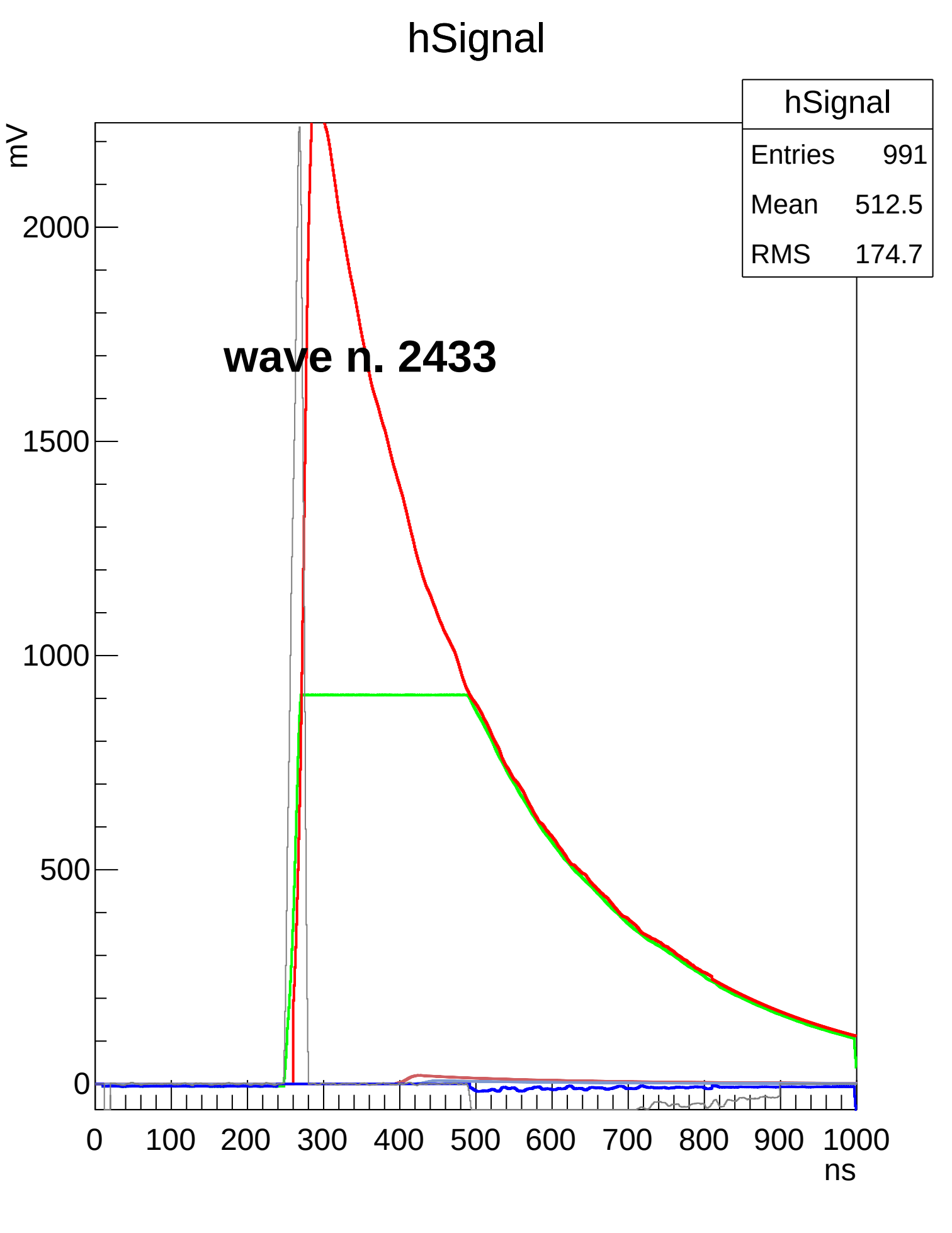
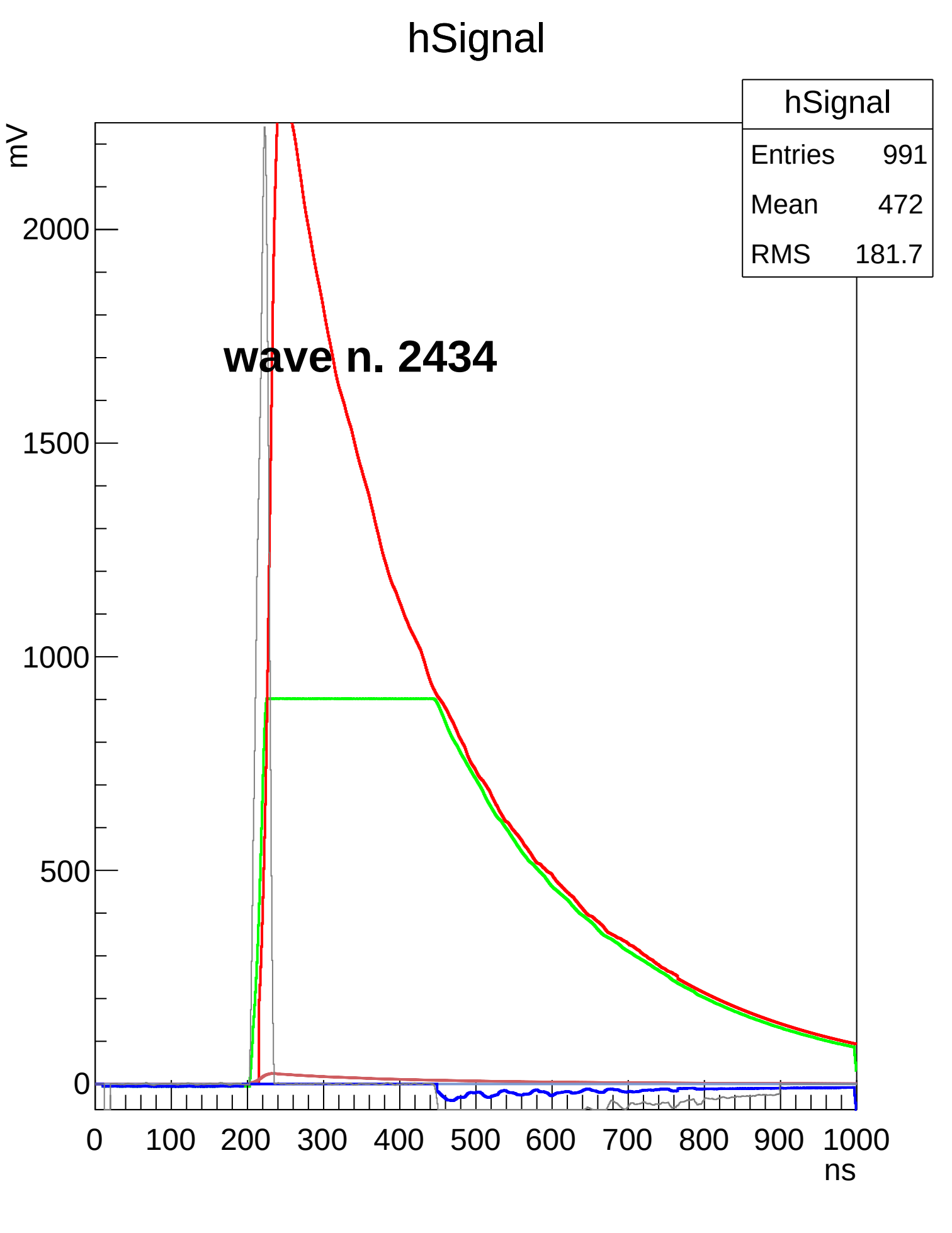
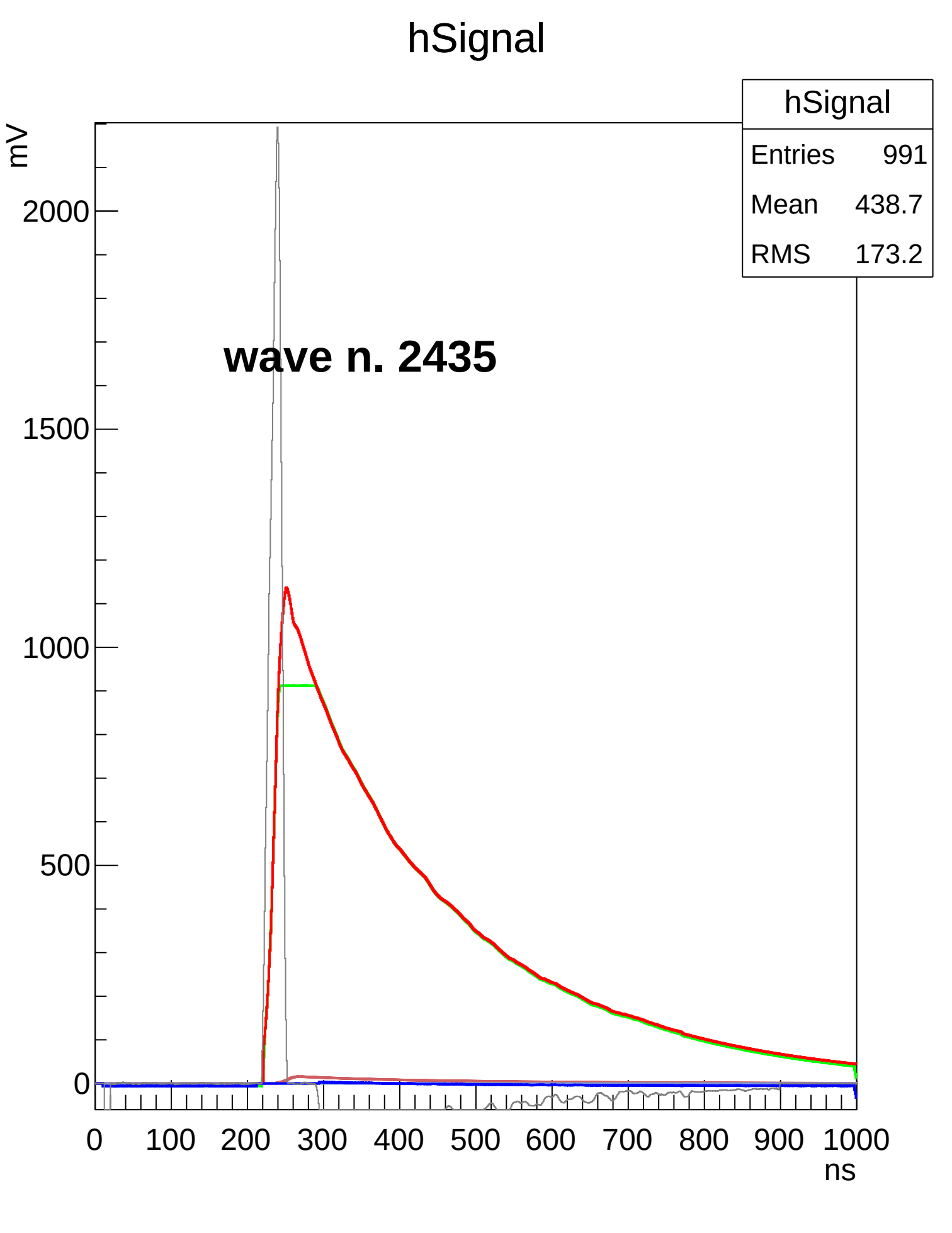
ns

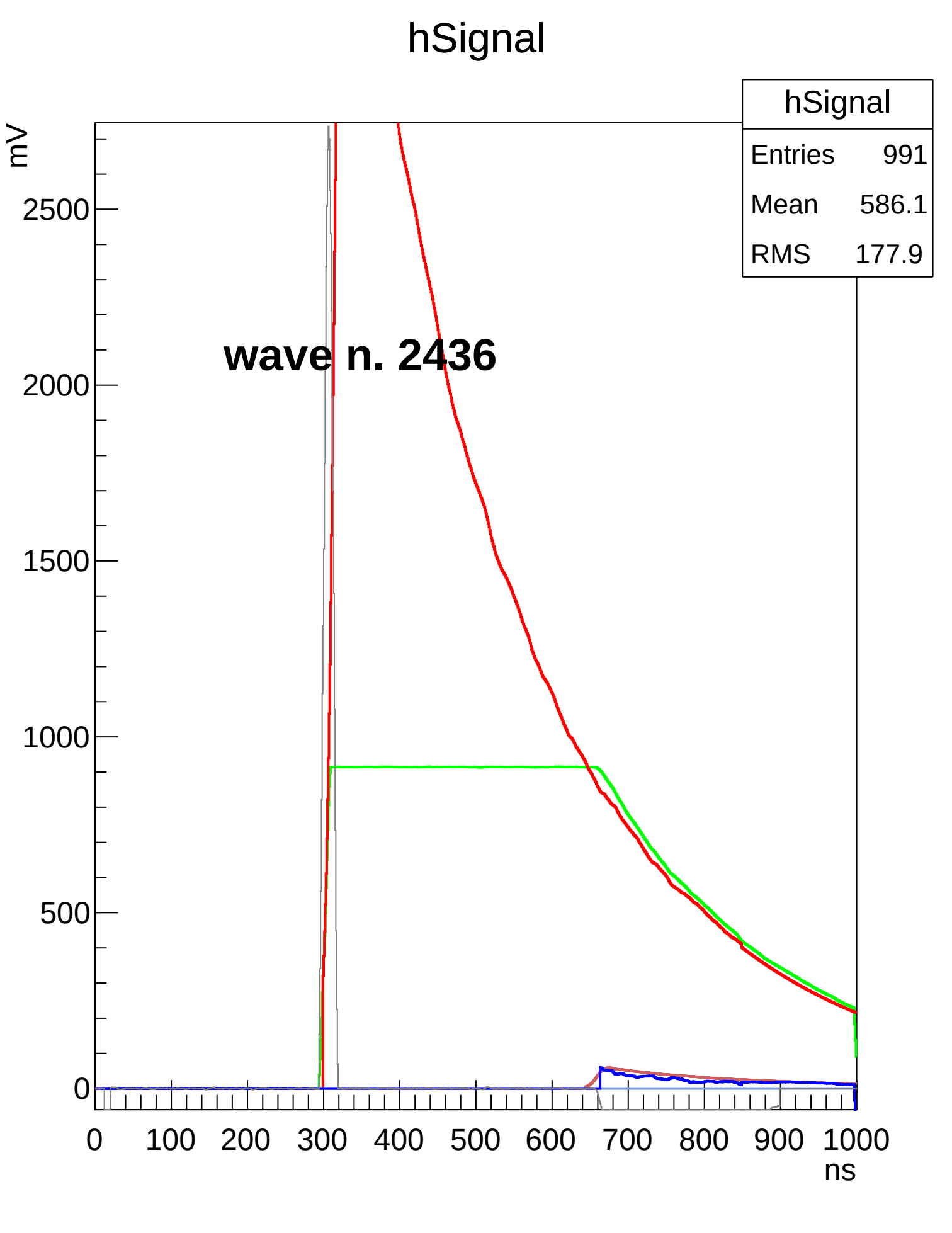

hSignal
hSignal
Entries 991
Mean 442.1
RMS 171.5
wave n. 2431
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

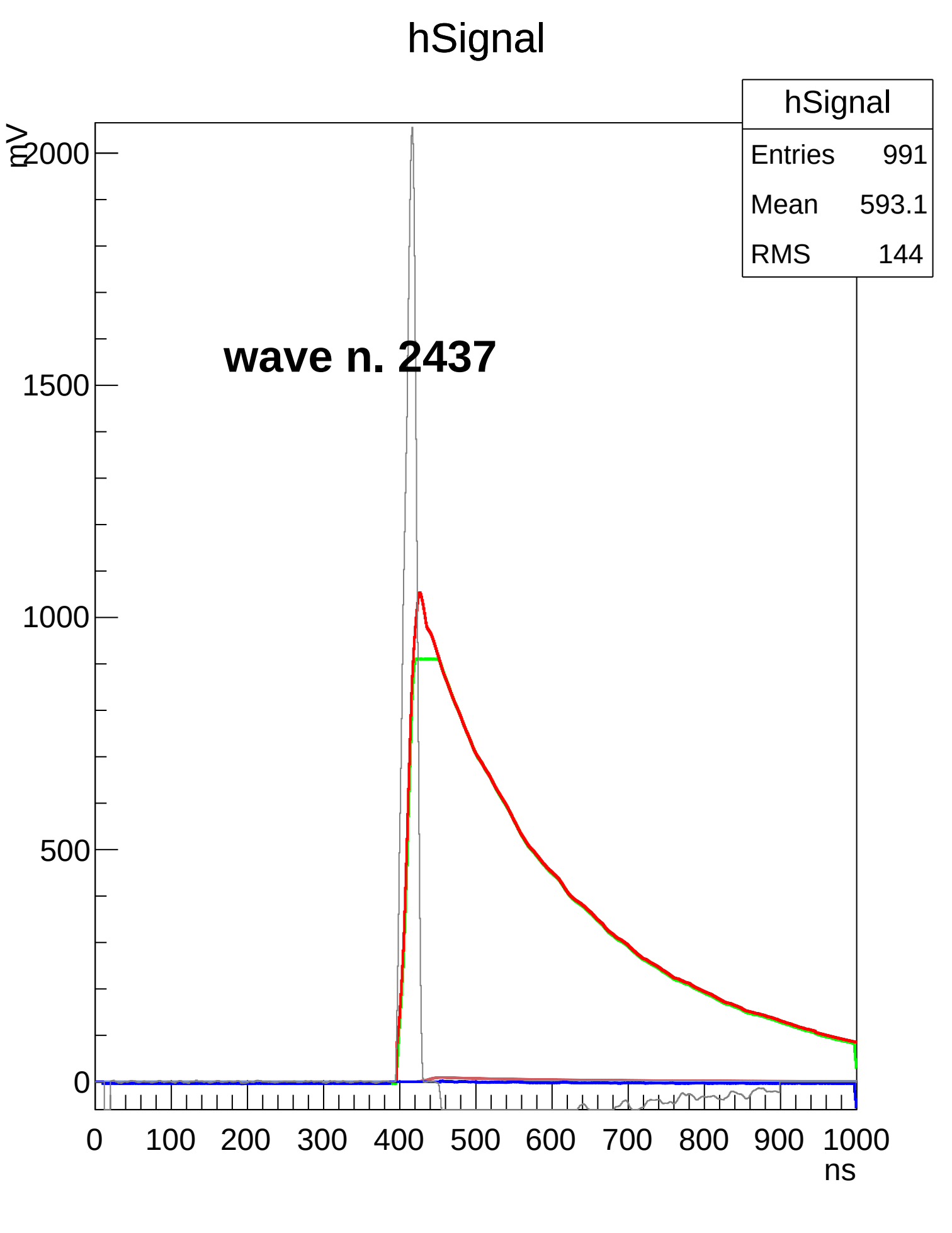

hSignal
hSignal
Entries 991
Mean 606.3
RMS 166.8
wave n. 2432
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

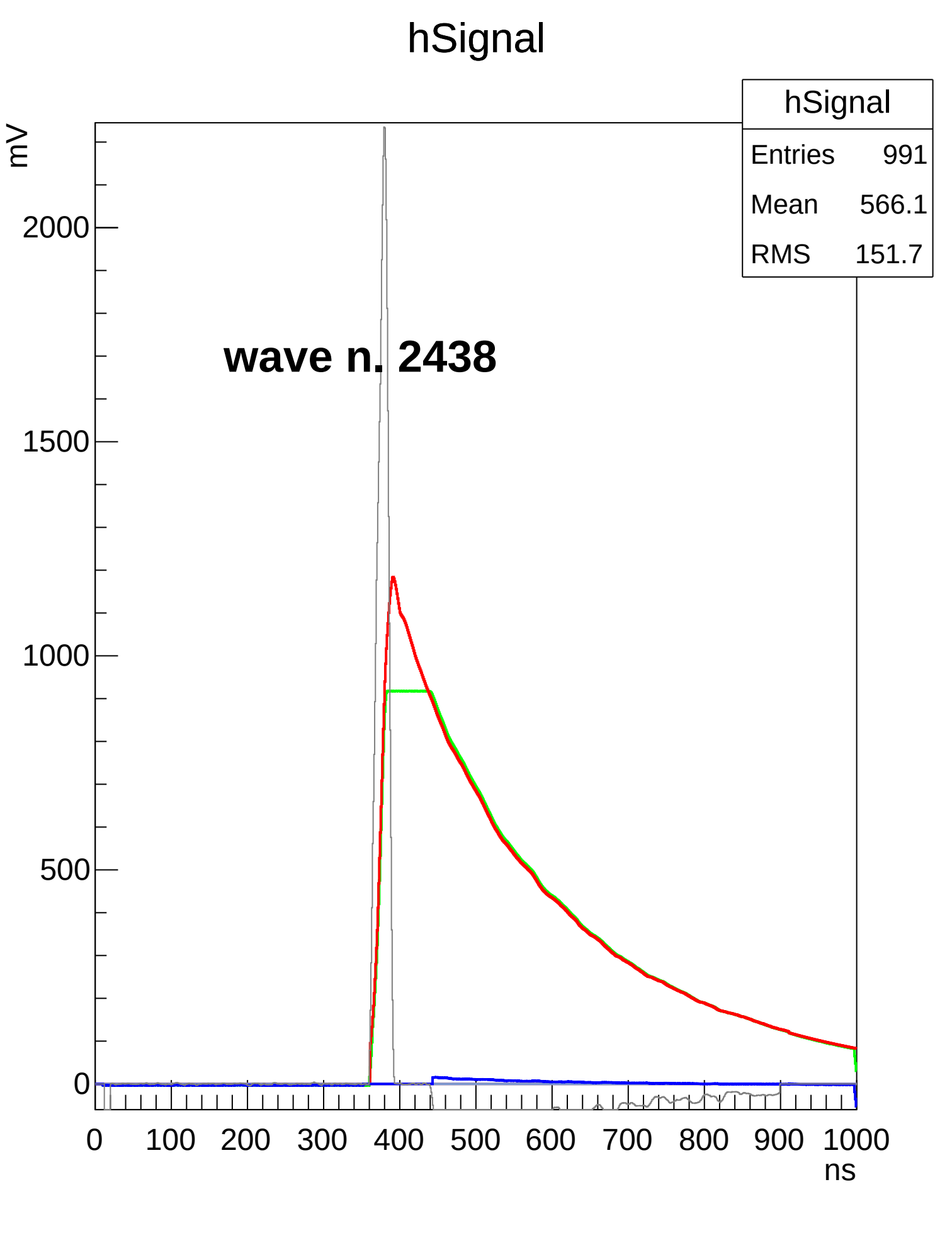

hSignal
hSignal
Entries 991
Mean 512.5
RMS 174.7
wave n. 2433
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

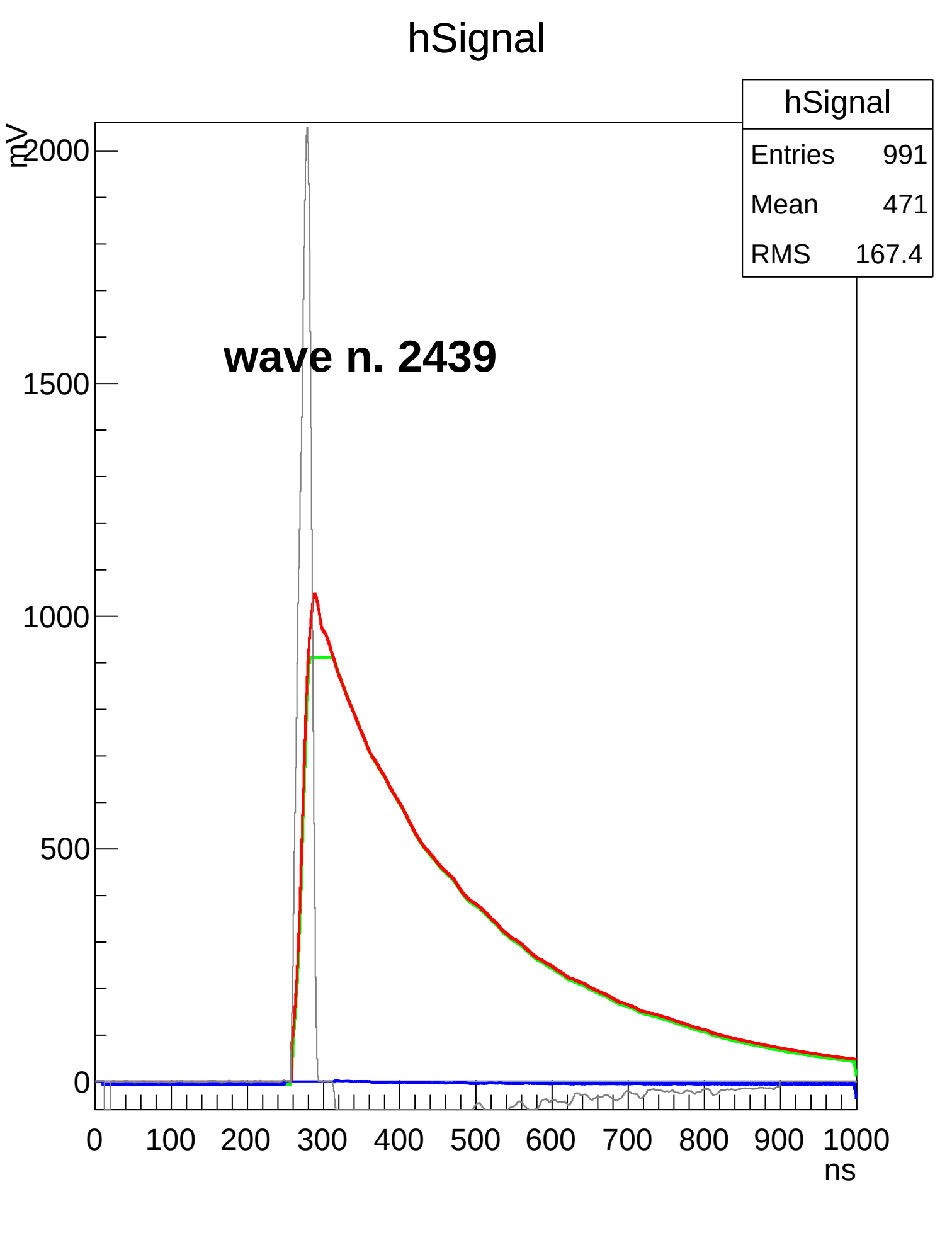

hSignal
hSignal
Entries 991
Mean 472
RMS 181.7
wave n. 2434
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

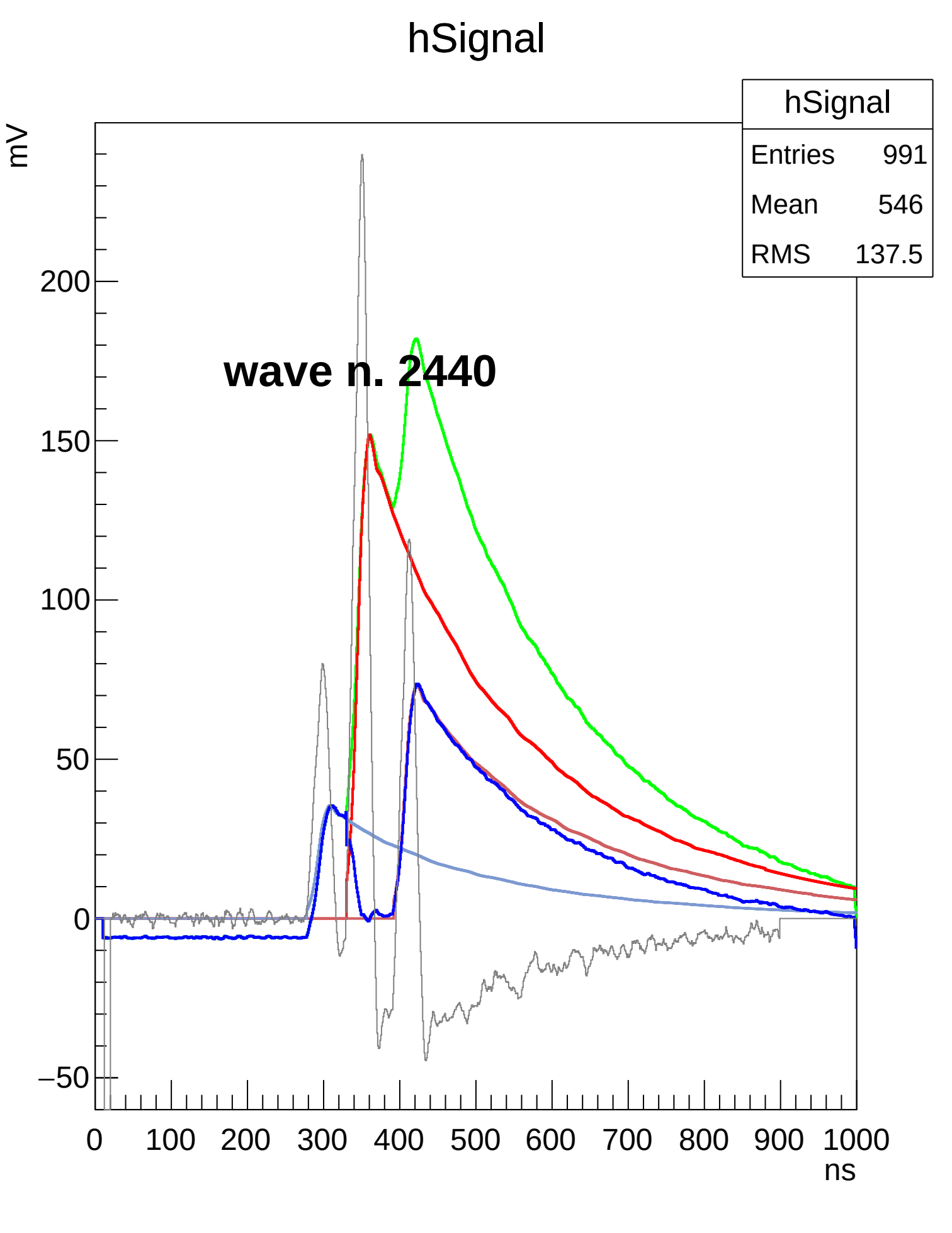

hSignal
hSignal
Entries 991
Mean 438.7
RMS 173.2
wave n. 2435
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

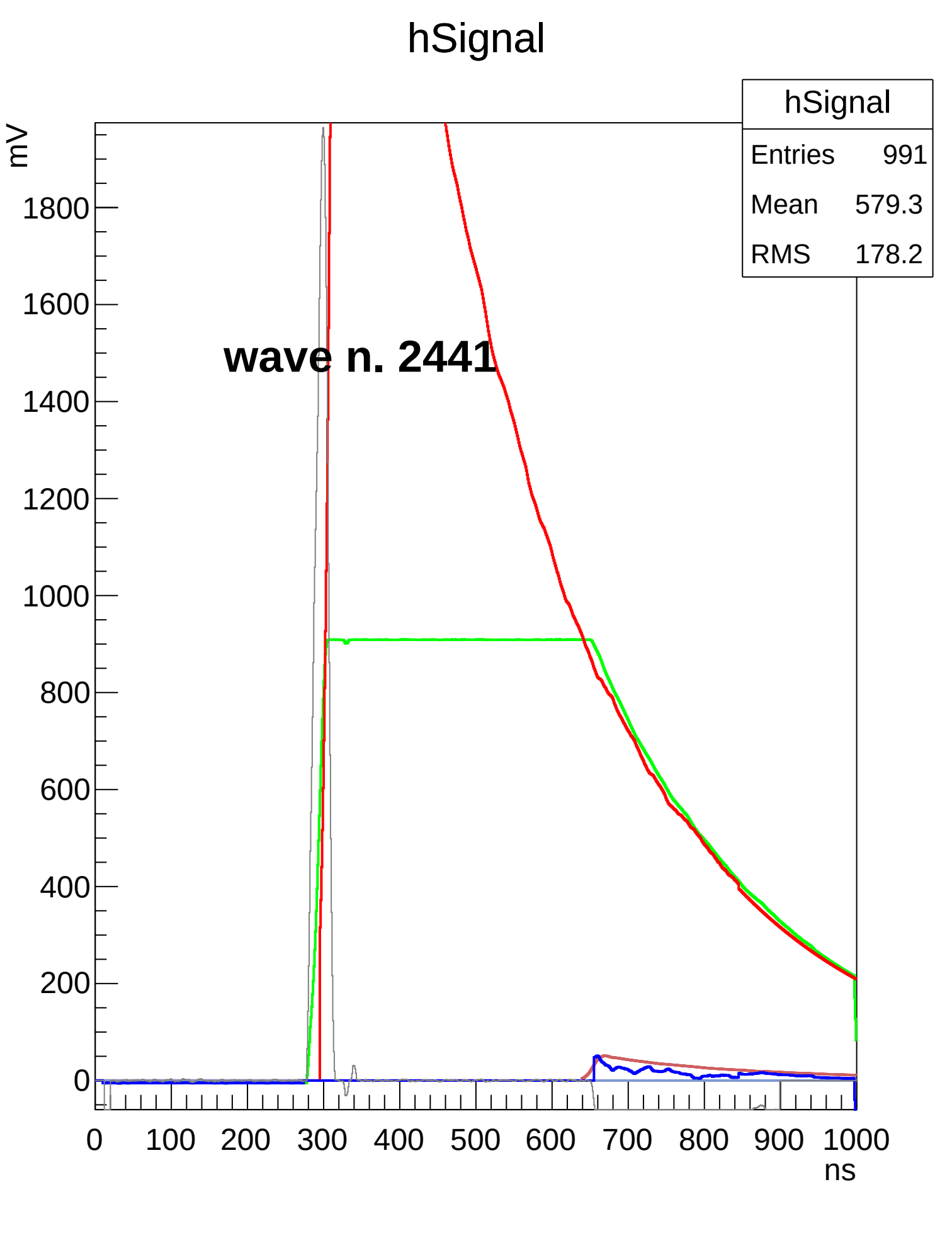

hSignal
hSignal
Entries 991
Mean 586.1
RMS 177.9
wave n. 2436
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

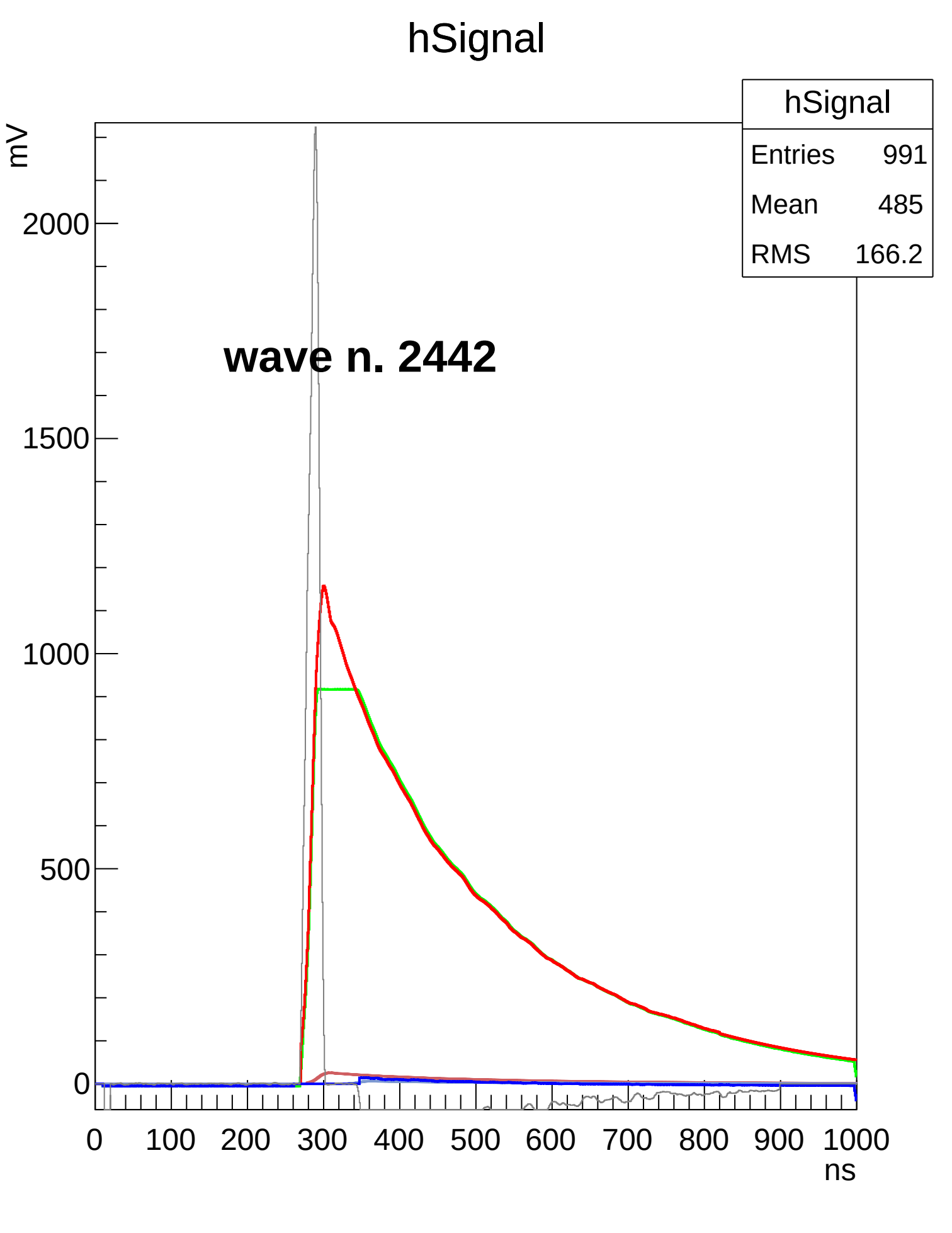

hSignal
hSignal
Entries 991
Mean 593.1
RMS 144
wave n. 2437
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

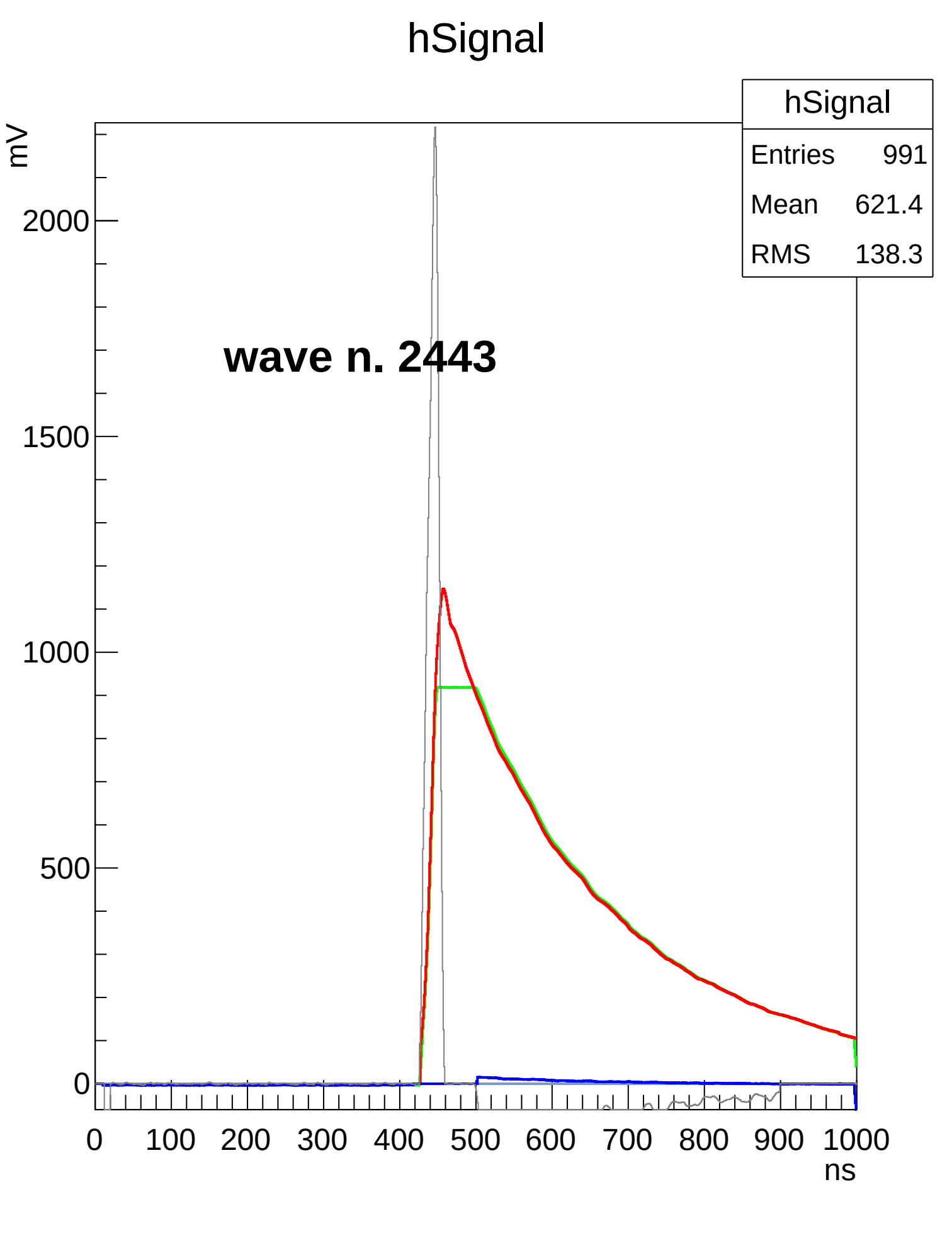

hSignal
hSignal
Entries 991
Mean 566.1
RMS 151.7
wave n. 2438
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

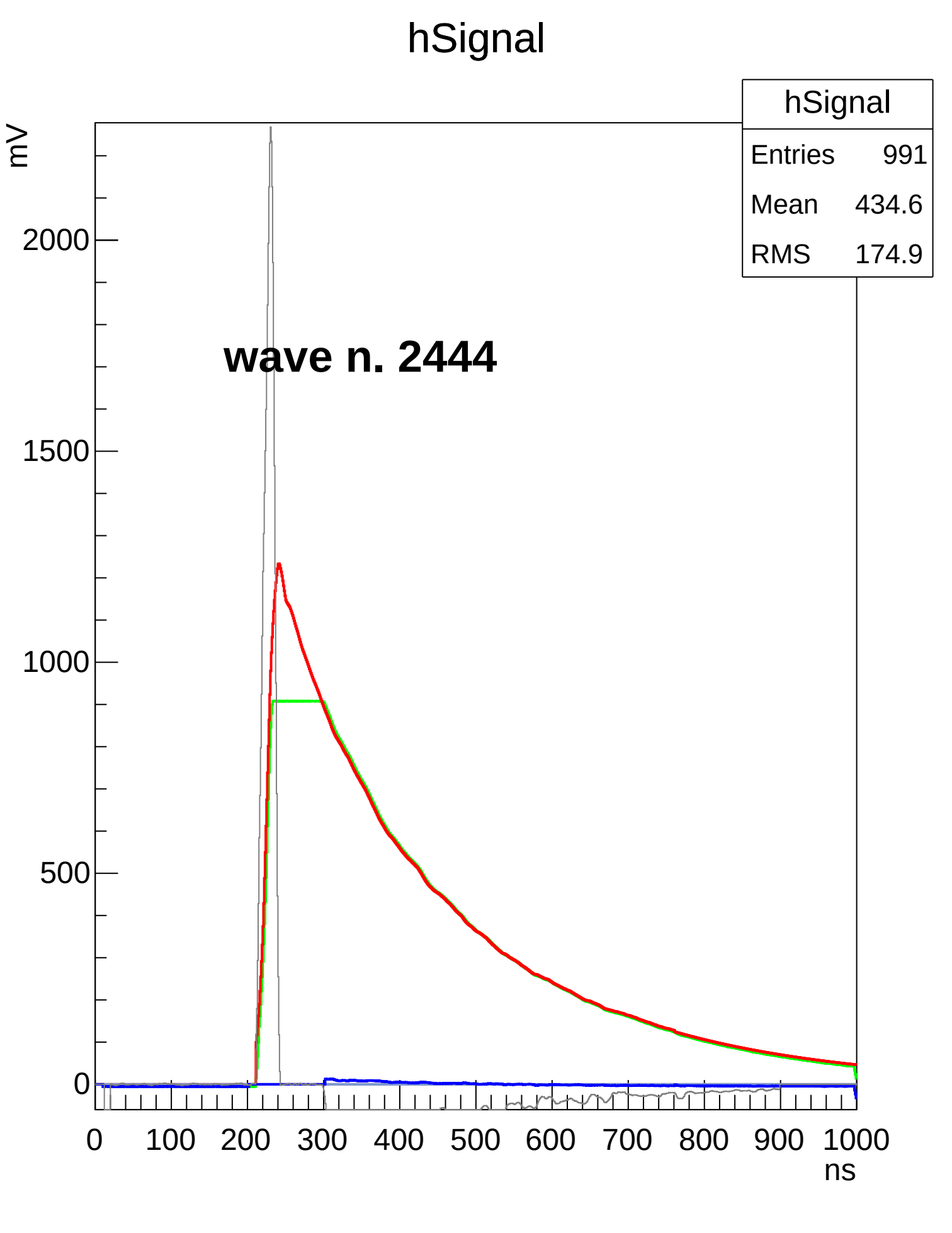

hSignal
hSignal
Entries 991
Mean 471
RMS 167.4
wave n. 2439
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

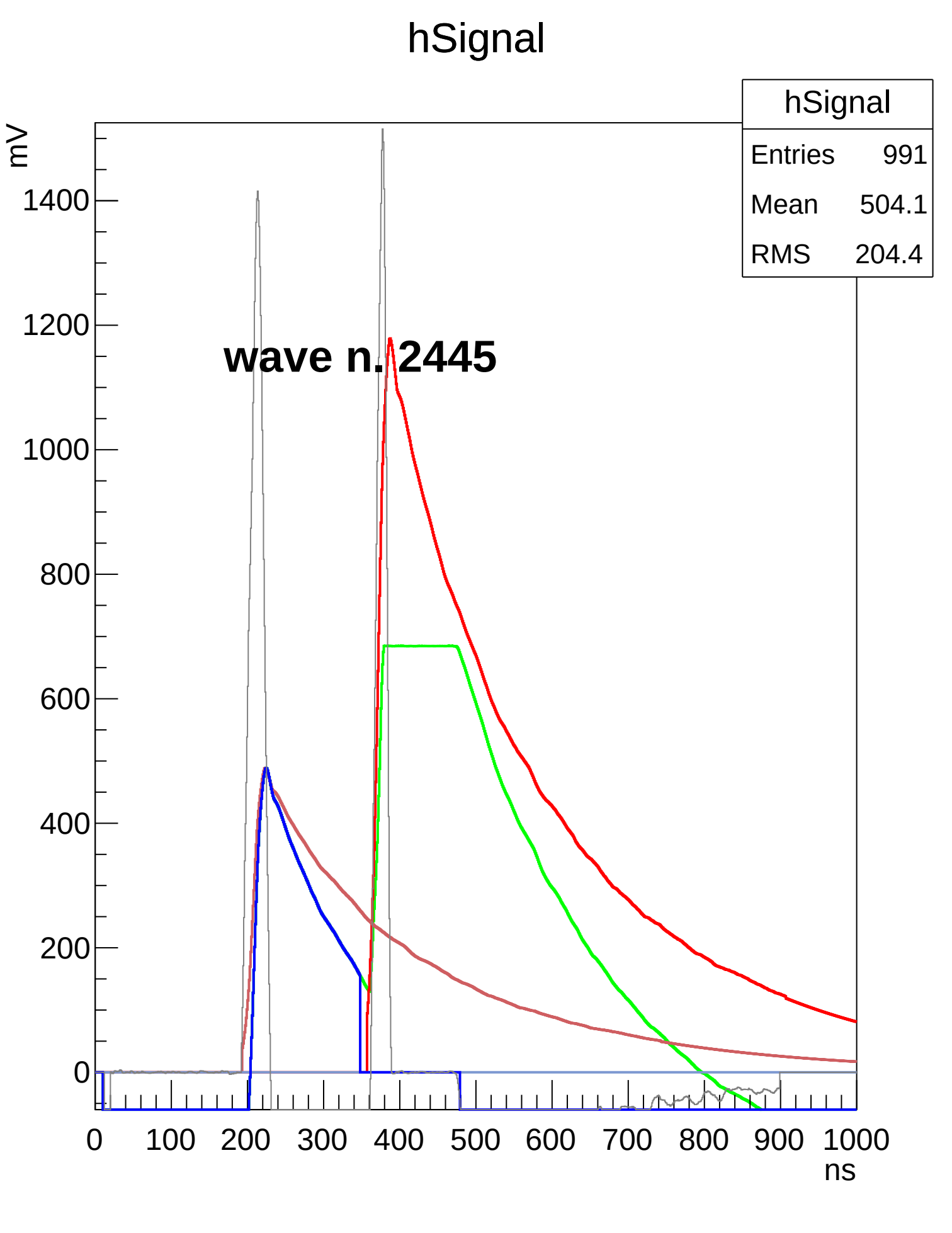

hSignal
hSignal
Entries 991
Mean 546
RMS 137.5
wave n. 2440
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

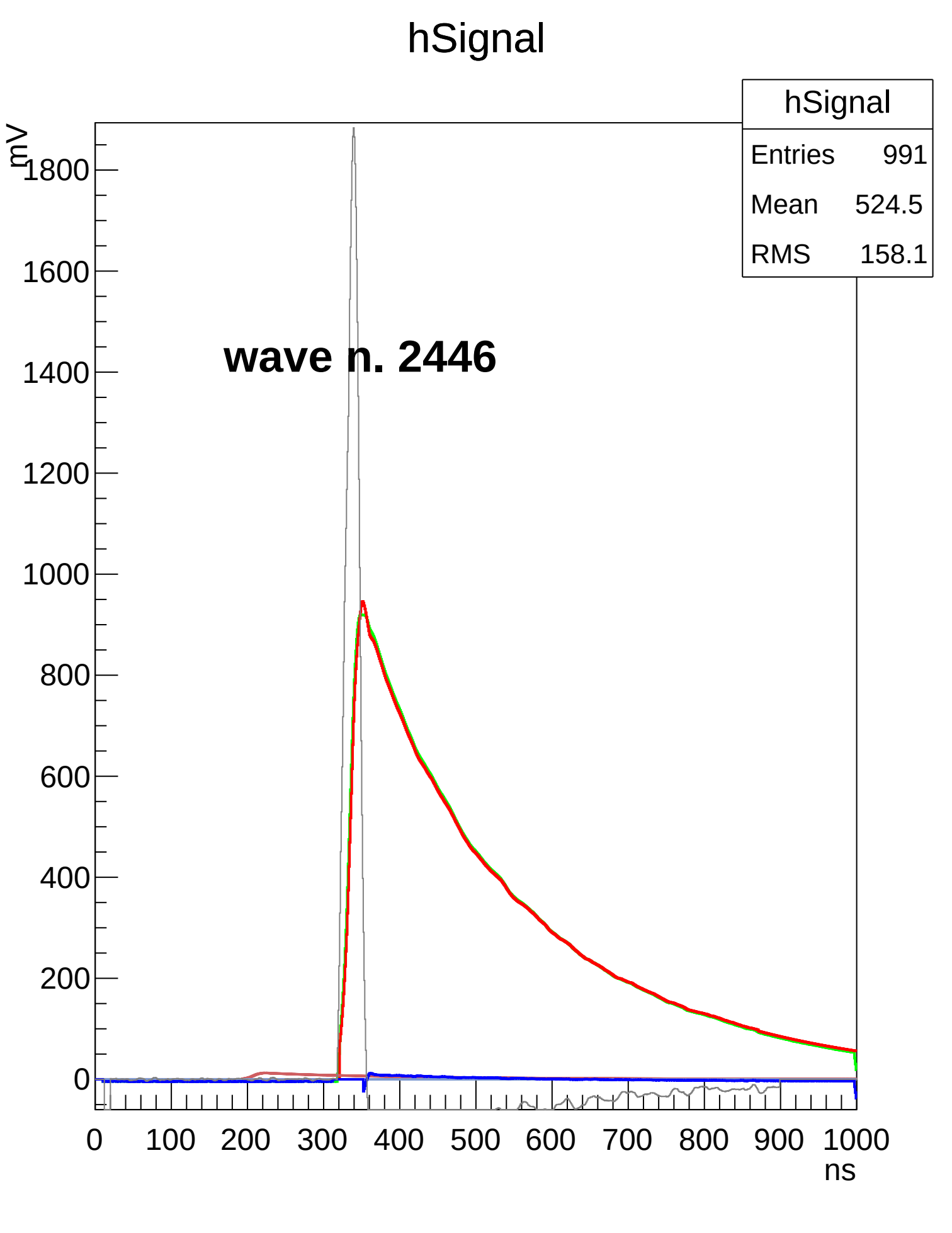

hSignal
hSignal
Entries 991
Mean 579.3
RMS 178.2
wave n. 2441
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

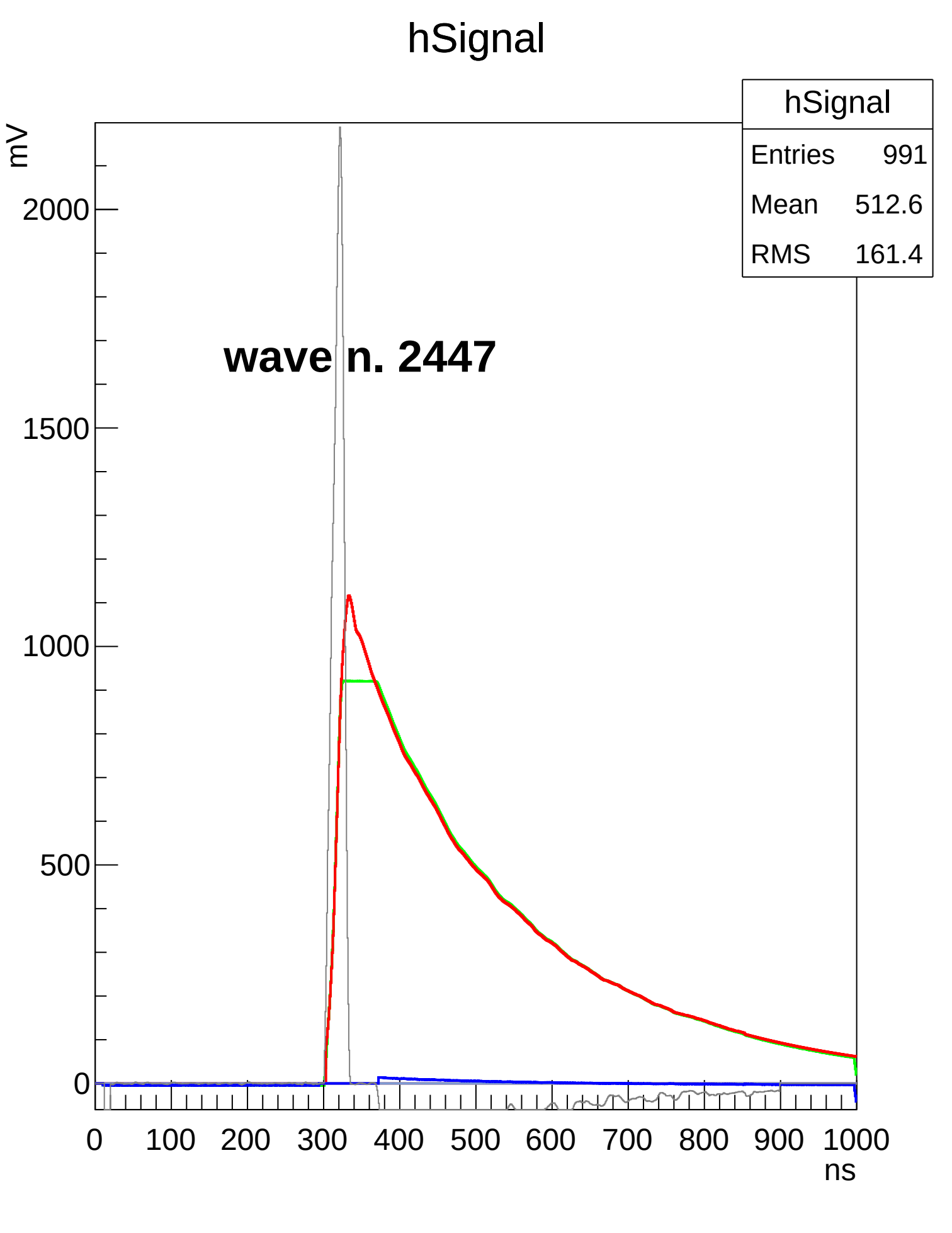

hSignal
hSignal
Entries 991
Mean 485
RMS 166.2
wave n. 2442
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 621.4
RMS 138.3
wave n. 2443
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 434.6
RMS 174.9
wave n. 2444
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 504.1
RMS 204.4
wave n. 2445
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 524.5
RMS 158.1
wave n. 2446
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.6
RMS 161.4
wave n. 2447
mV
2000
1500
1000
500
0
0
100
200
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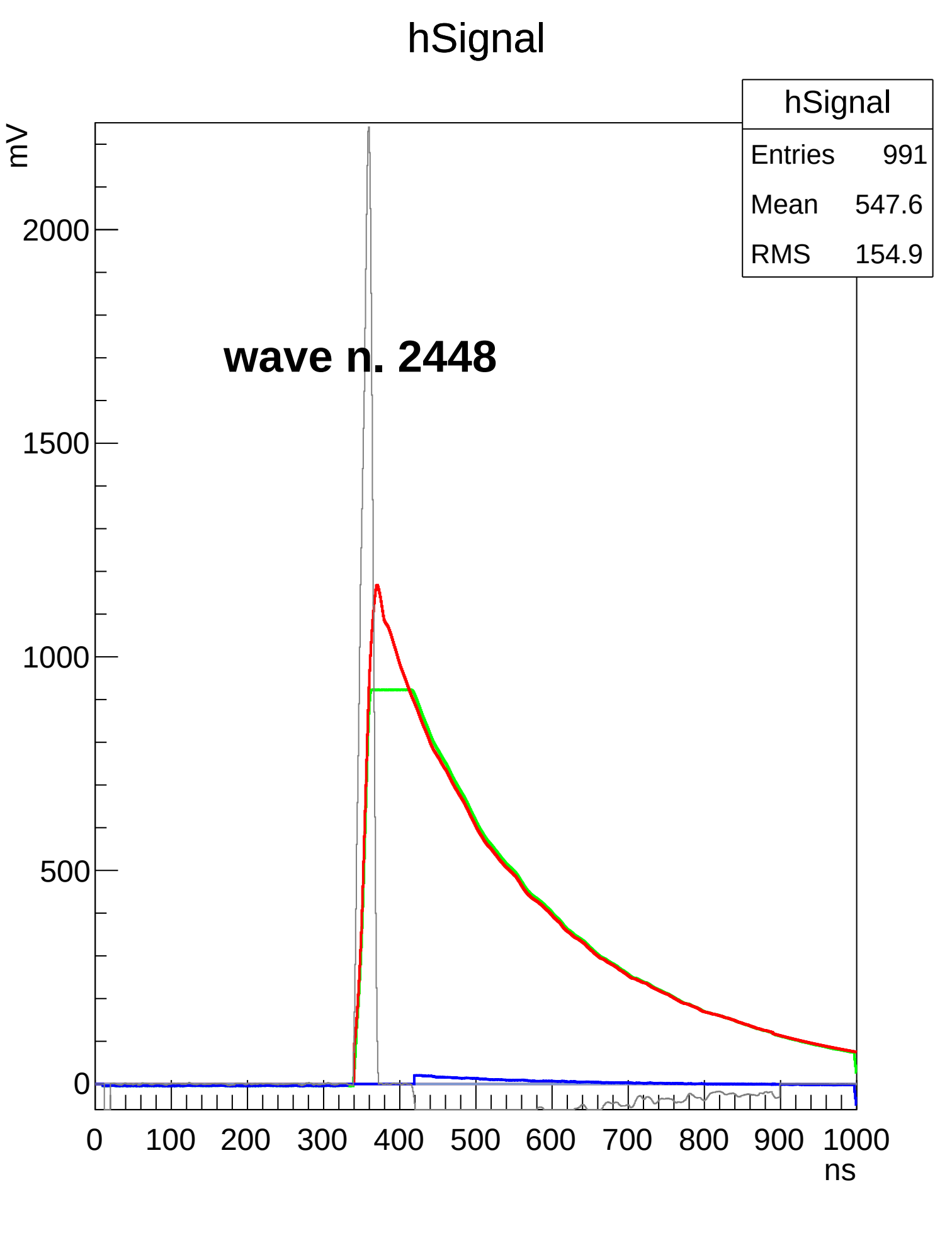
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547.6
RMS 154.9
wave n. 2448
mV
2000
1500
1000
500
0
0
100
200
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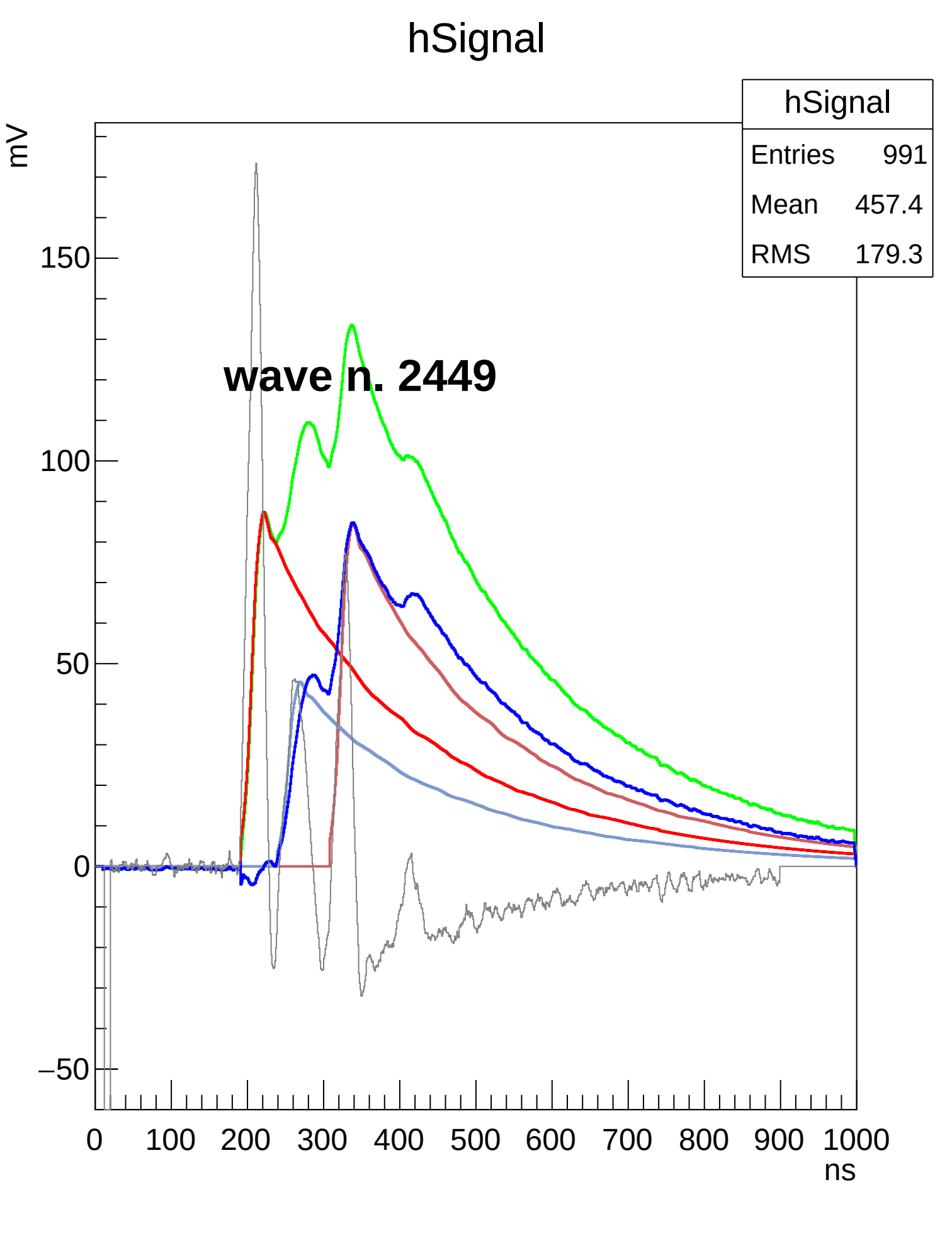
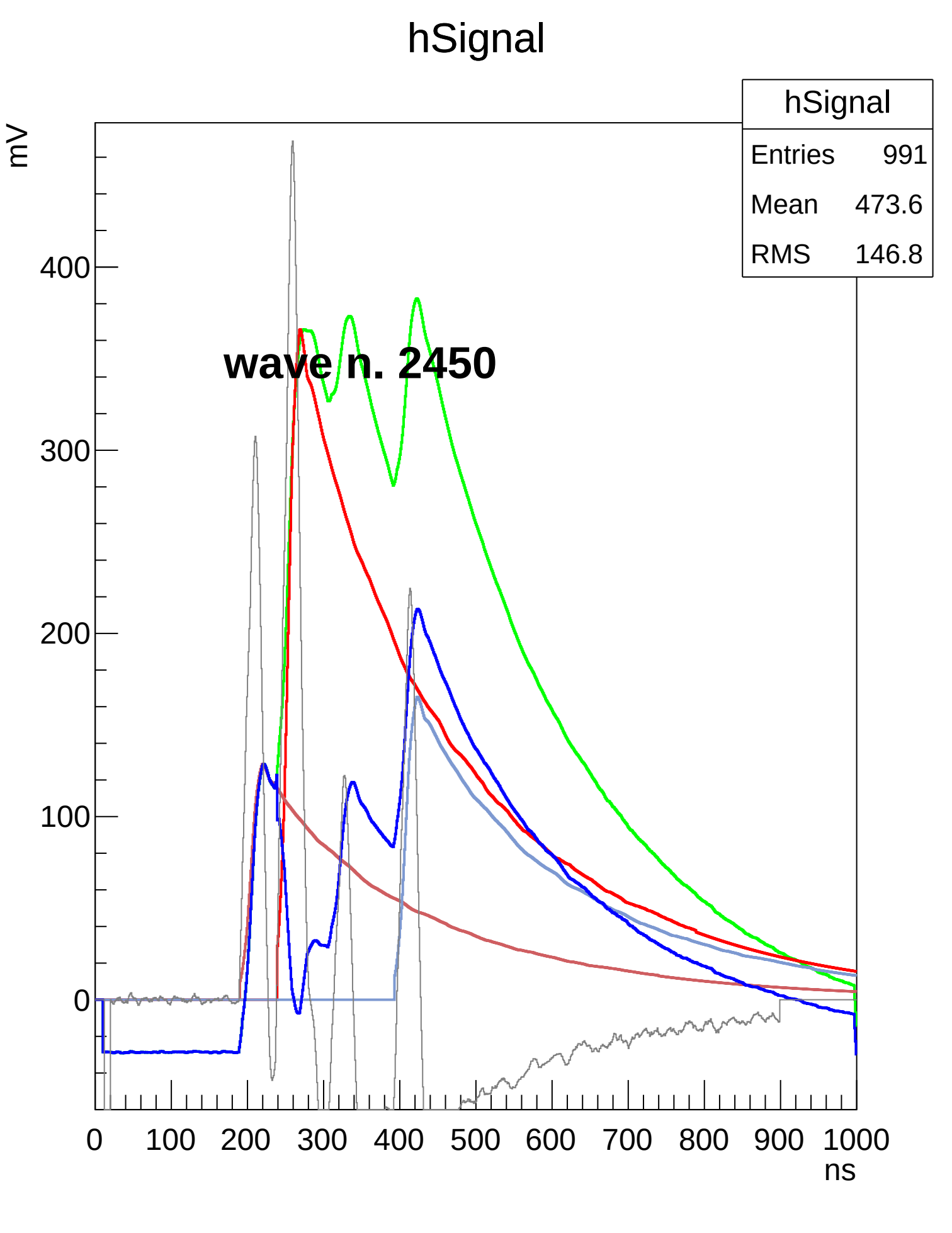
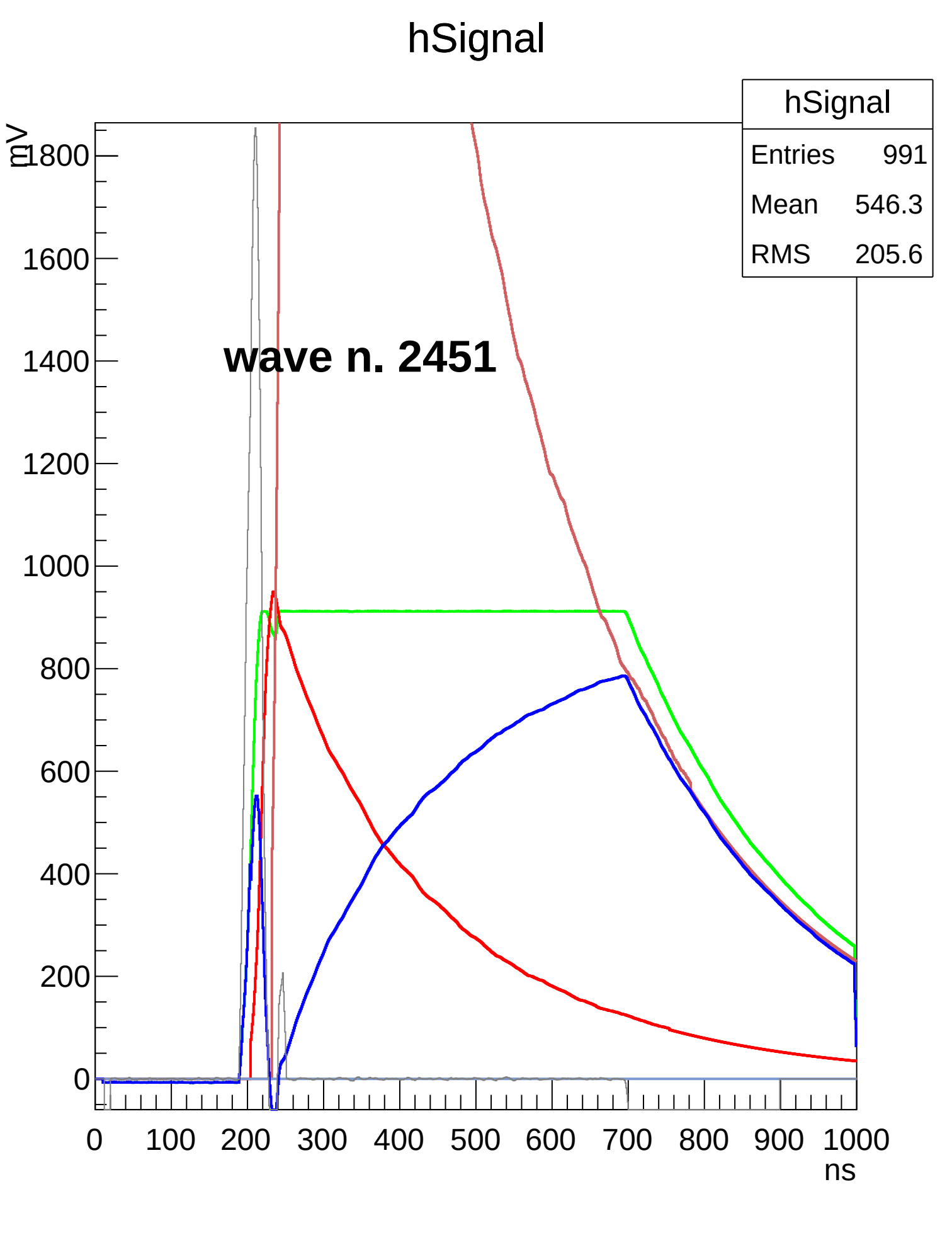
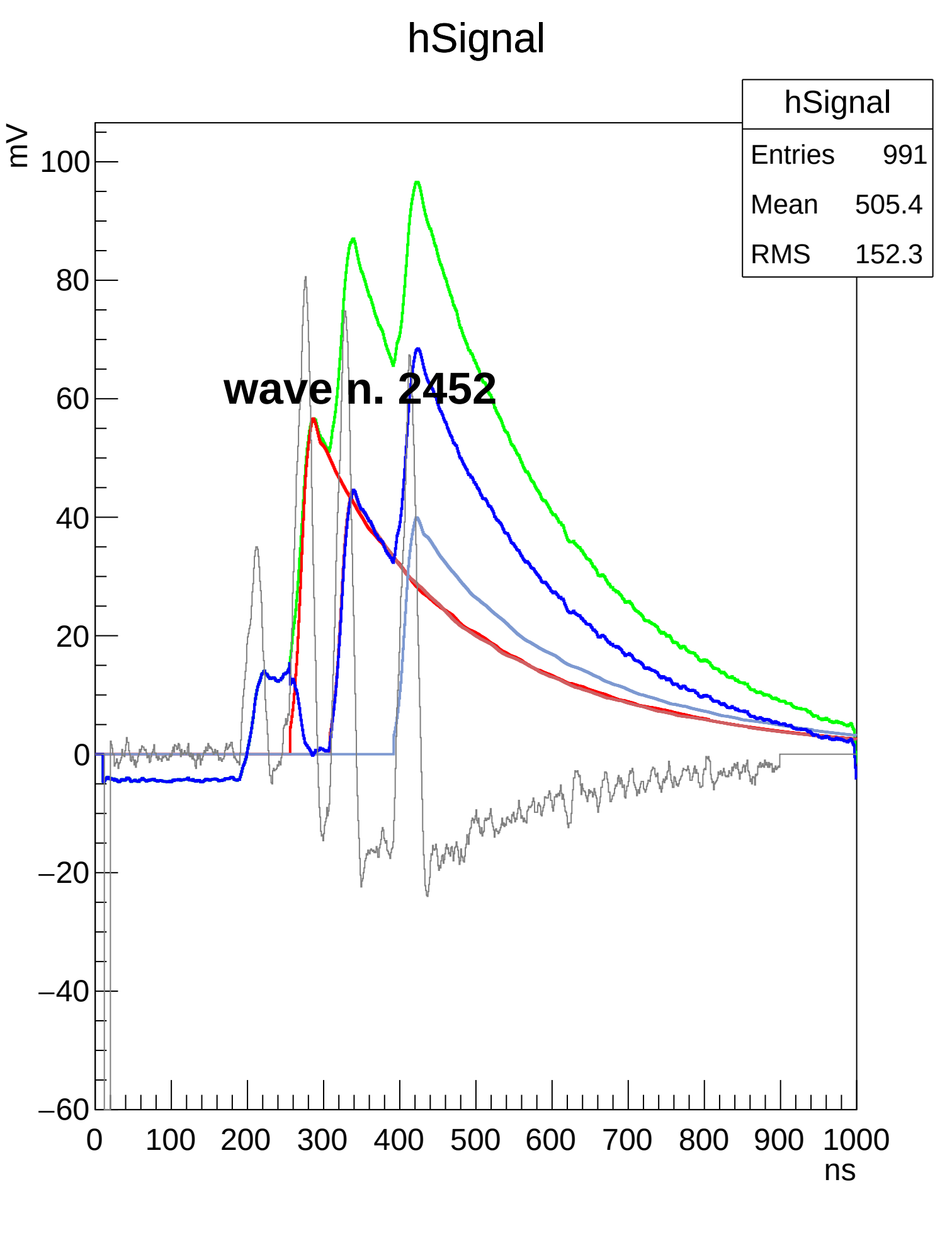
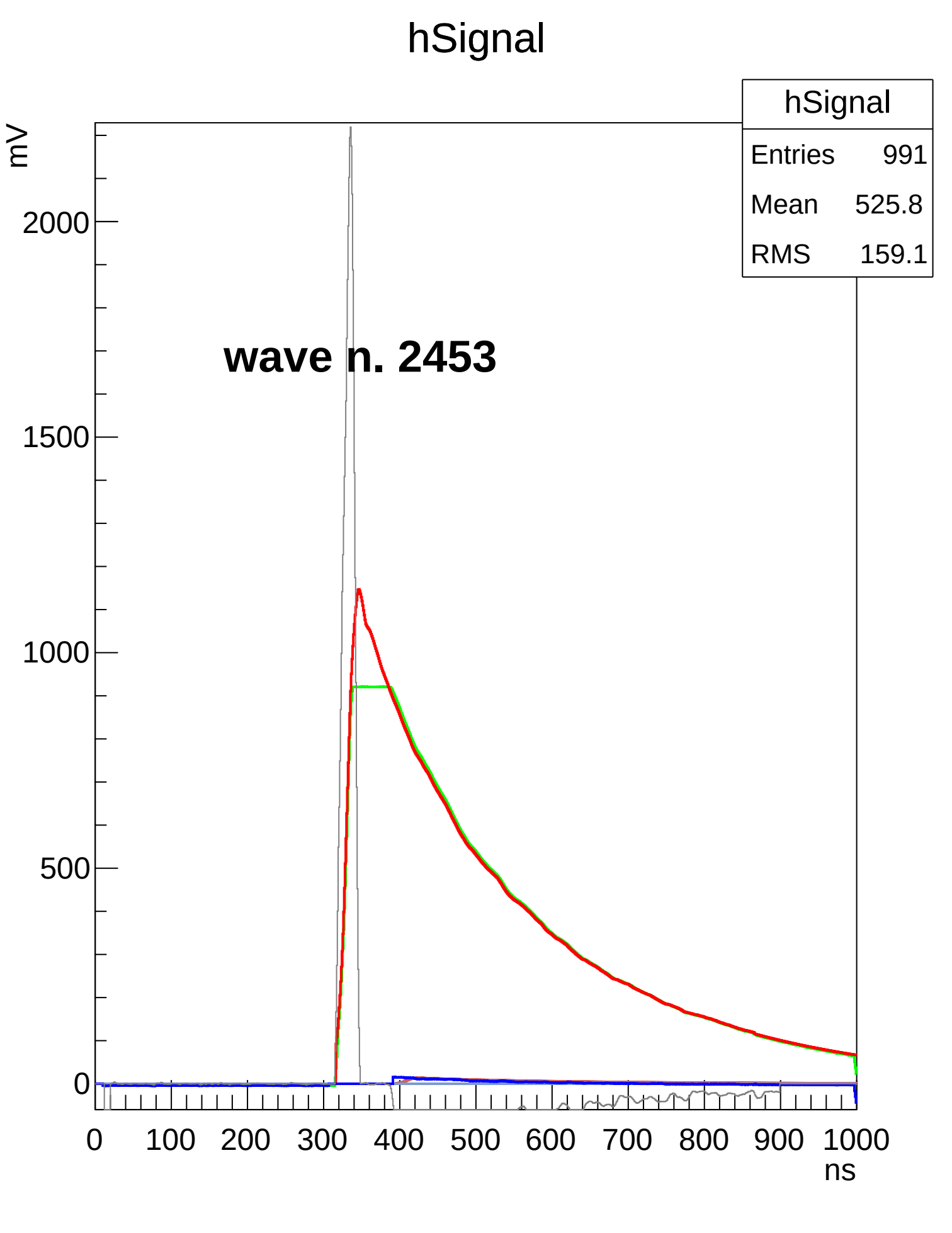
400
500
600
700
800
900
1000
ns

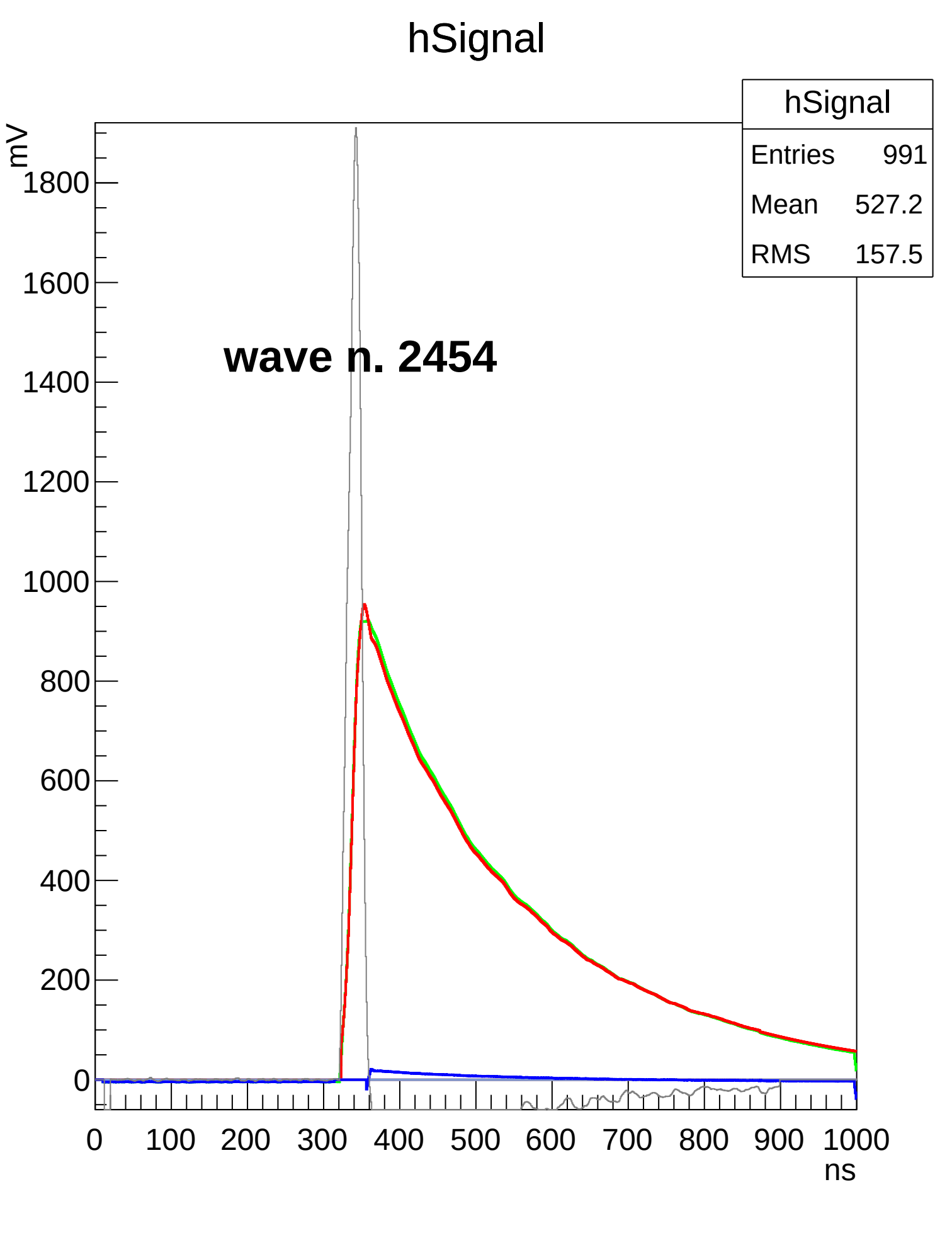

hSignal
hSignal
Entries 991
Mean 457.4
RMS 179.3
wave n. 2449
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

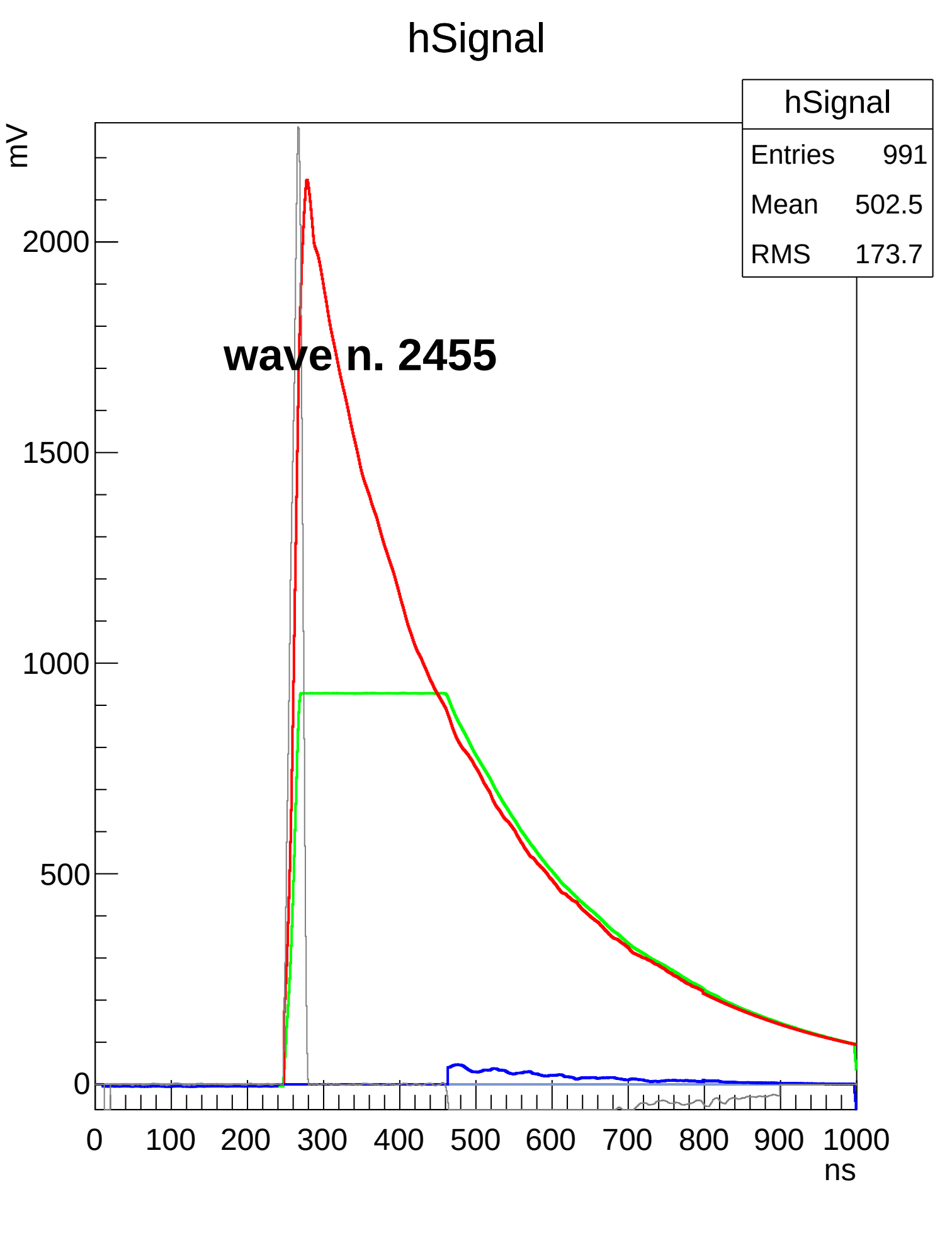

hSignal
hSignal
Entries 991
Mean 473.6
RMS 146.8
wave n. 2450
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns

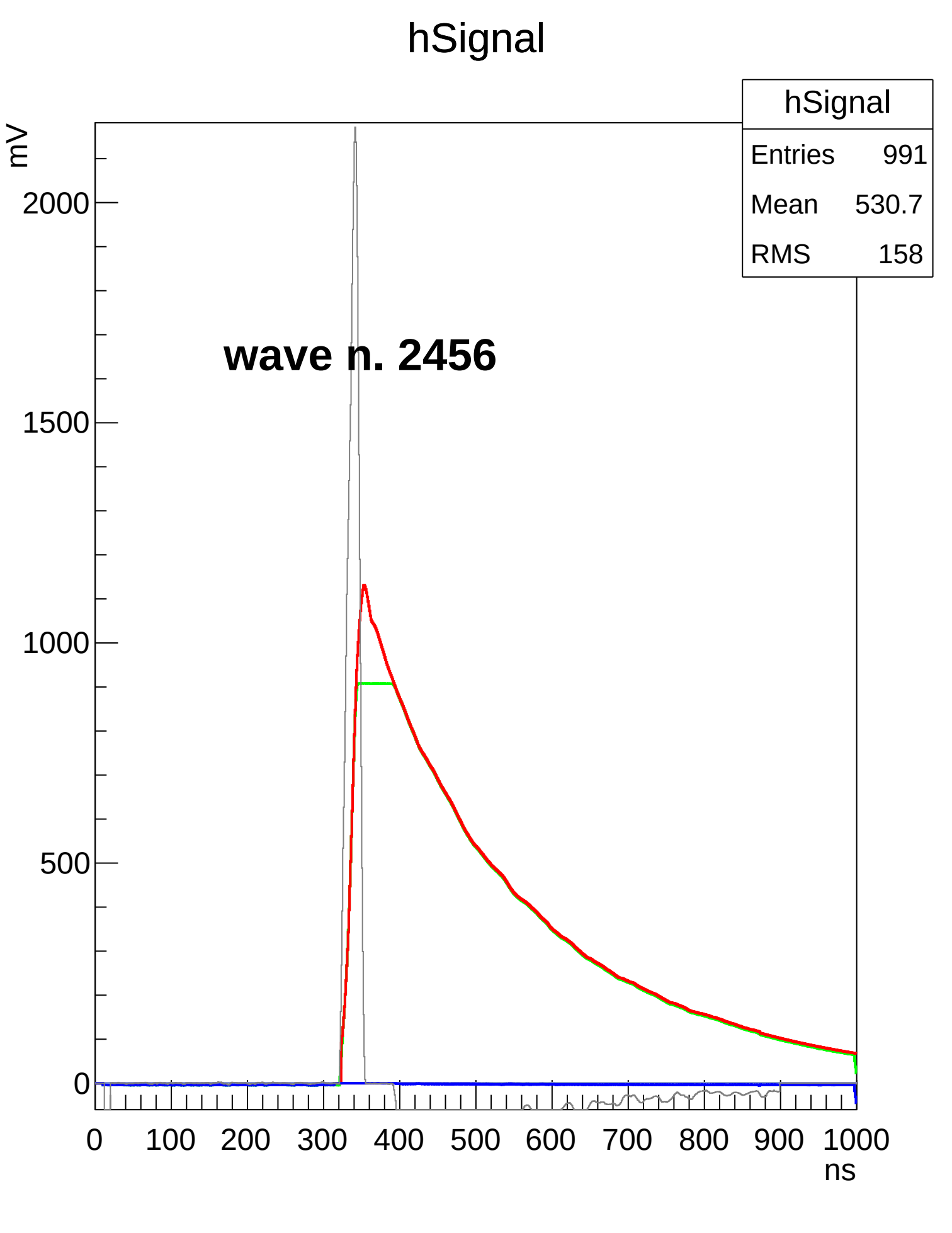

hSignal
hSignal
Entries 991
Mean 546.3
RMS 205.6
wave n. 2451
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

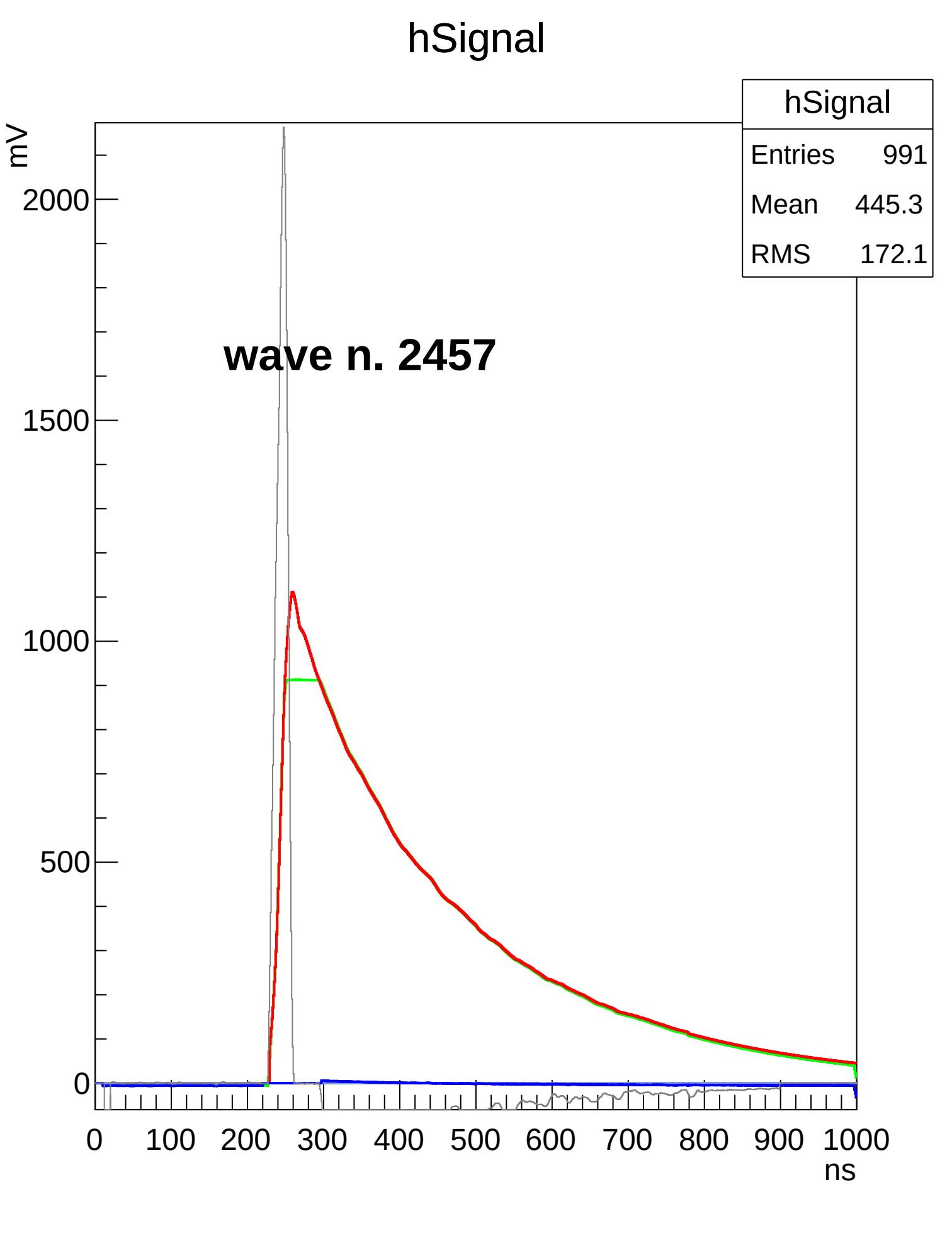

hSignal
hSignal
Entries 991
Mean 505.4
RMS 152.3
wave n. 2452
mV
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns

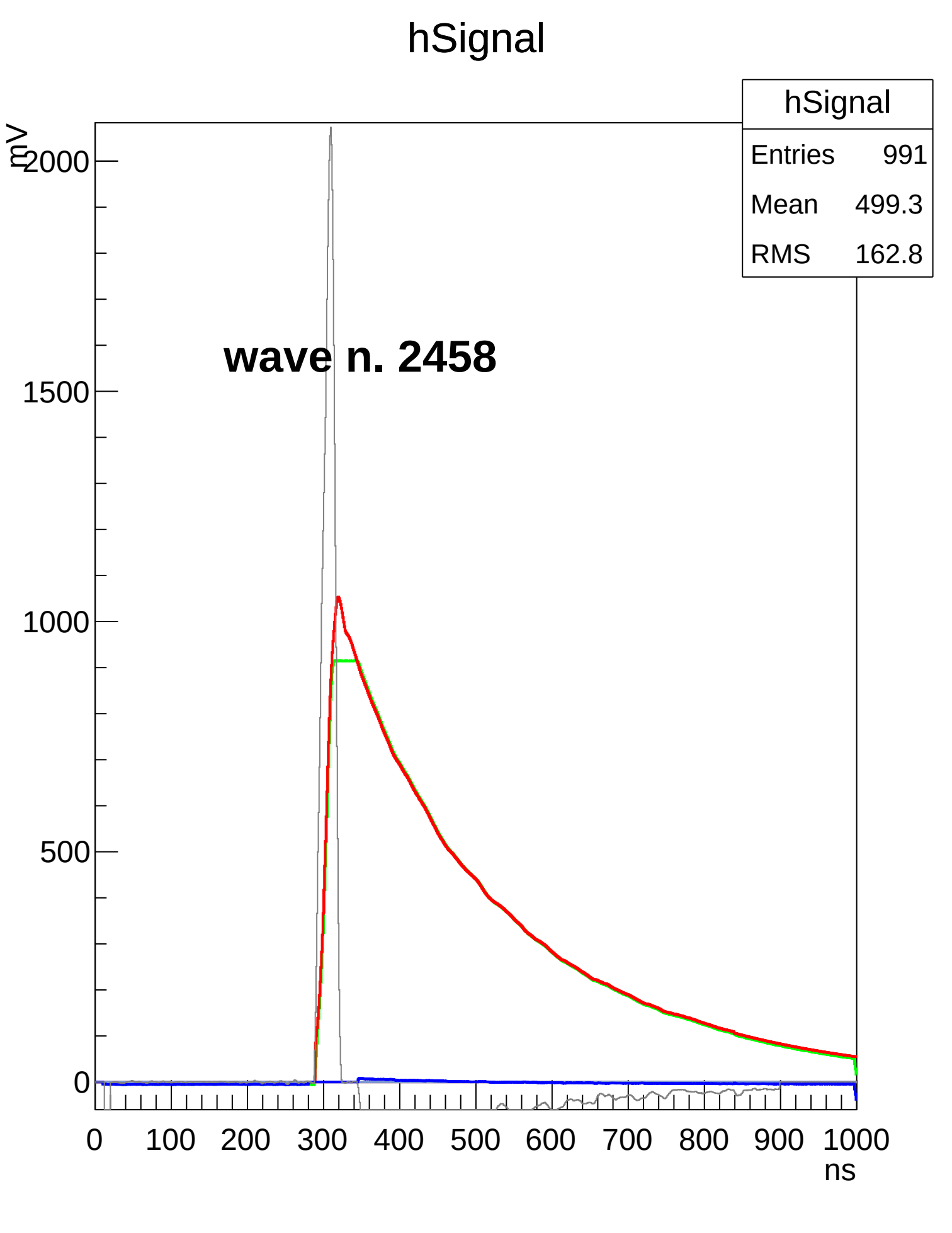

hSignal
hSignal
Entries 991
Mean 525.8
RMS 159.1
wave n. 2453
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

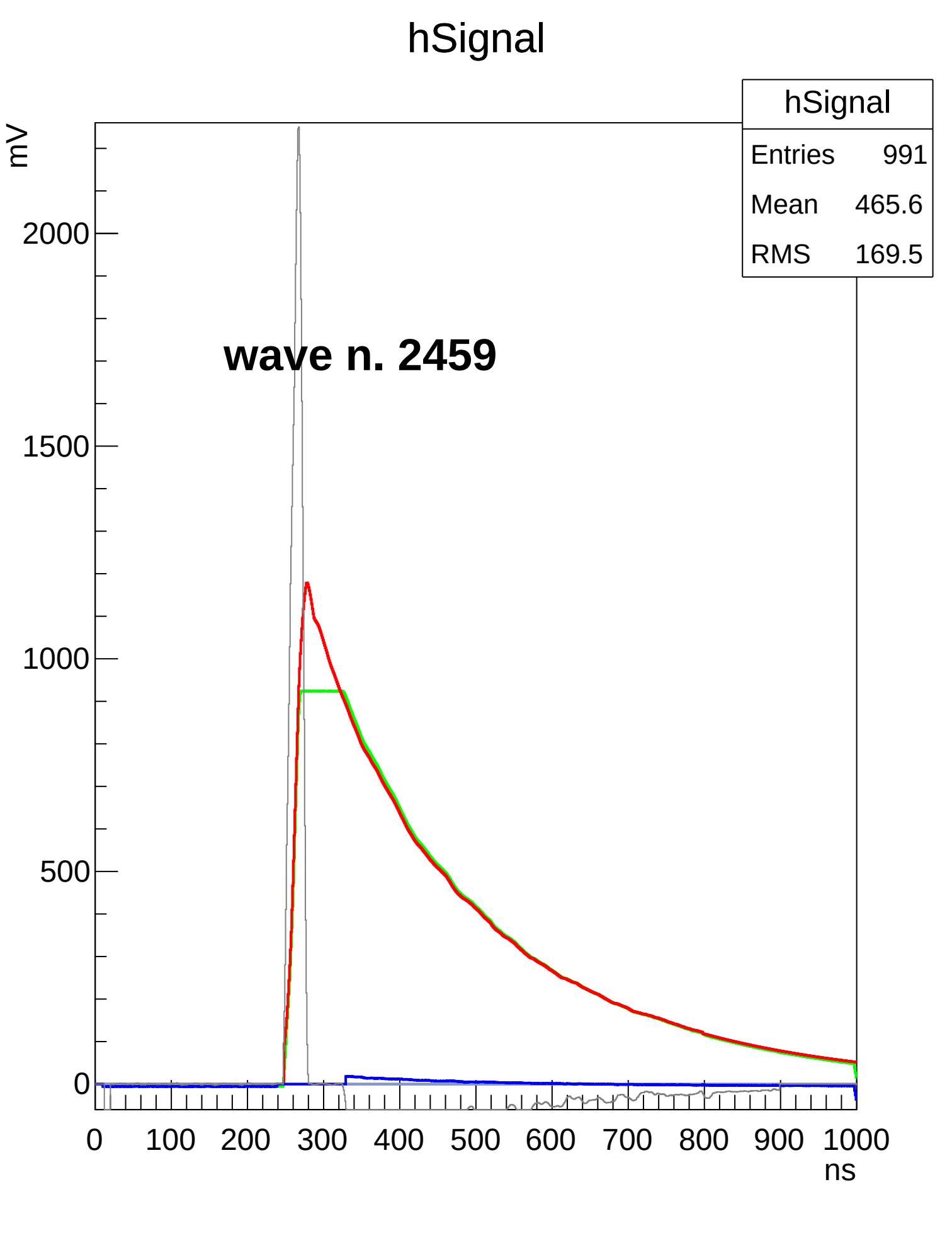

hSignal
hSignal
Entries 991
Mean 527.2
RMS 157.5
wave n. 2454
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.5
RMS 173.7
wave n. 2455
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.7
RMS 158
wave n. 2456
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 445.3
RMS 172.1
wave n. 2457
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.3
RMS 162.8
wave n. 2458
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 465.6
RMS 169.5
wave n. 2459
mV
2000
1500
1000
500
0
0
100
200
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400
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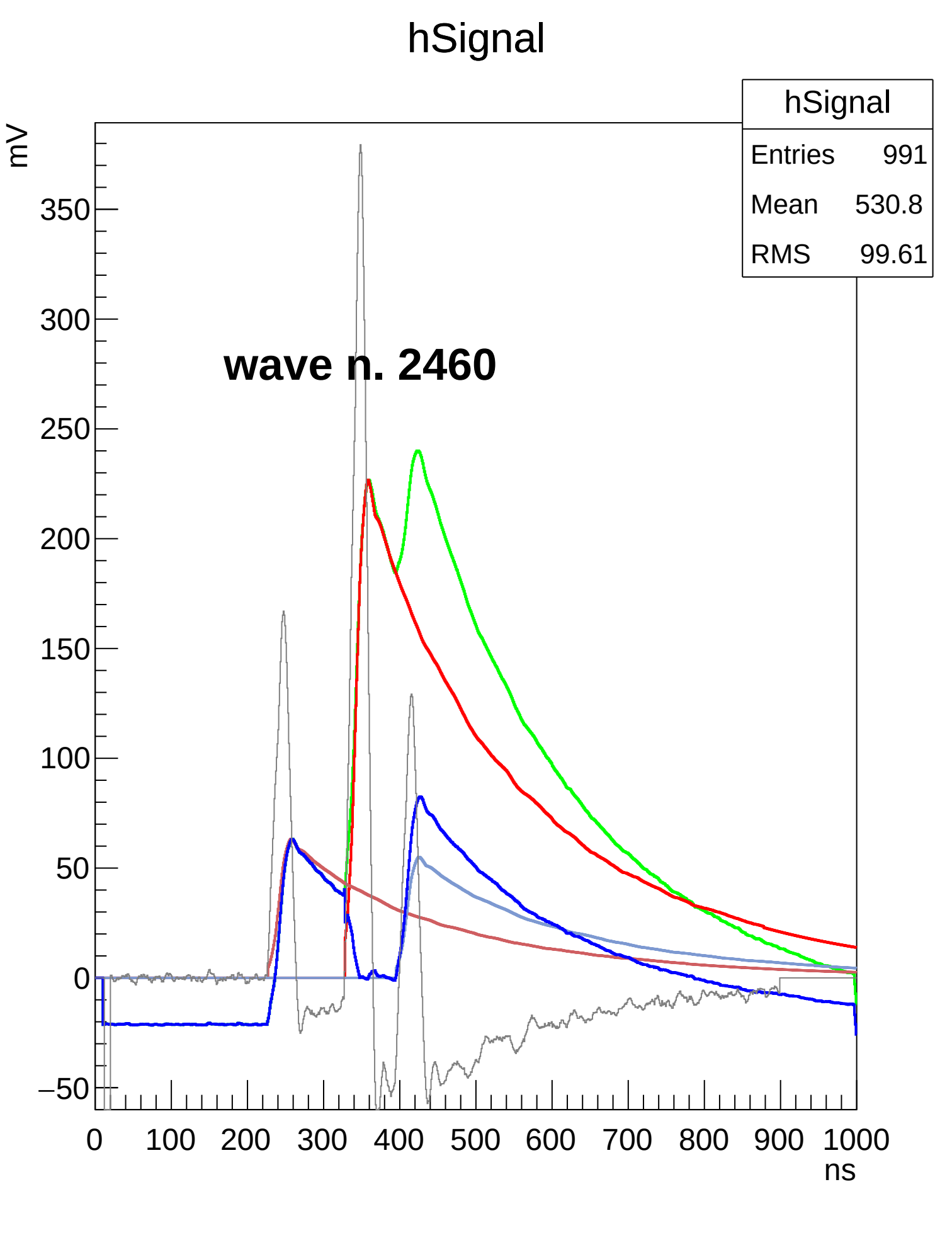
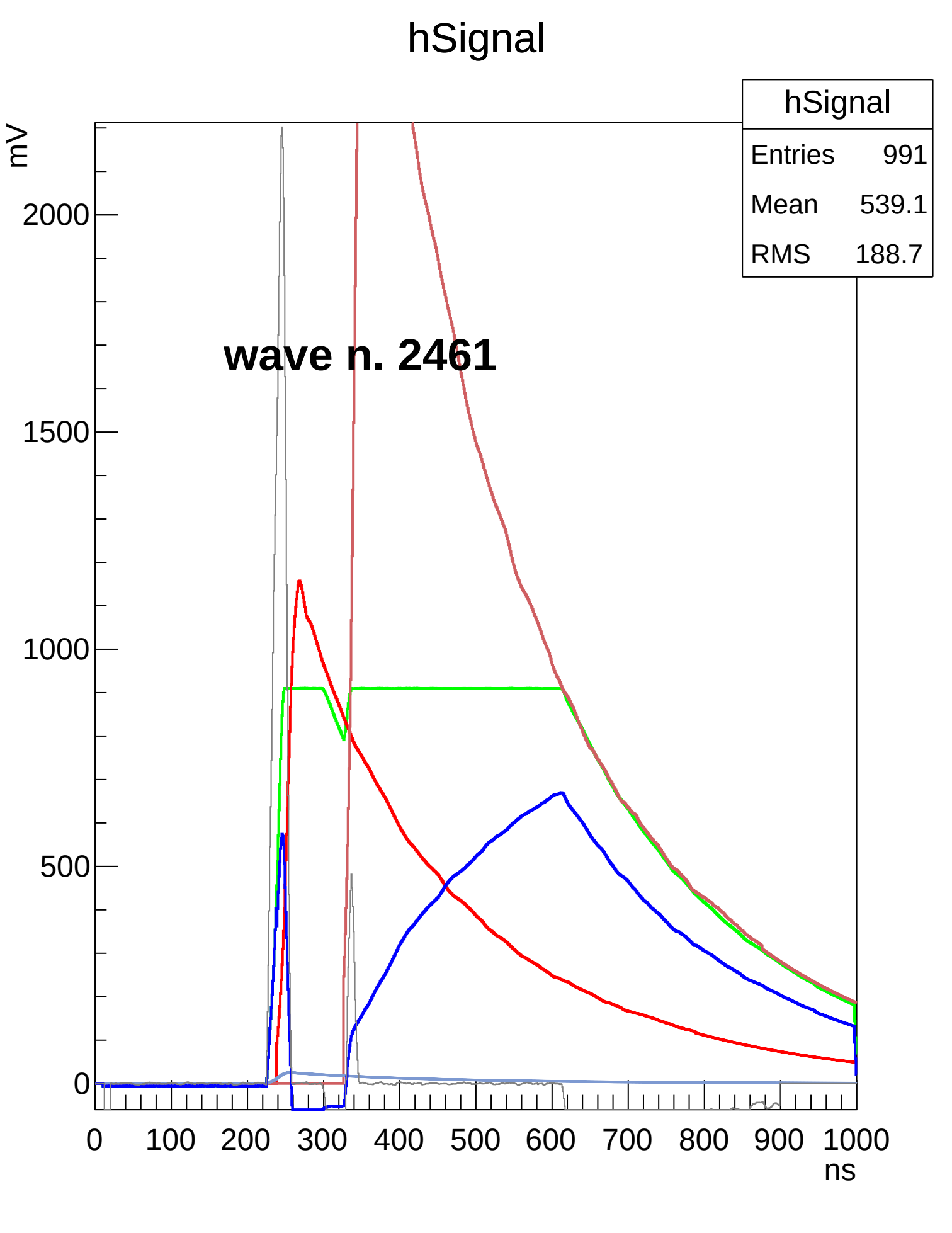
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.8
RMS 99.61
wave n. 2460
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.1
RMS 188.7
wave n. 2461
mV
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1500
1000
500
0
0
100
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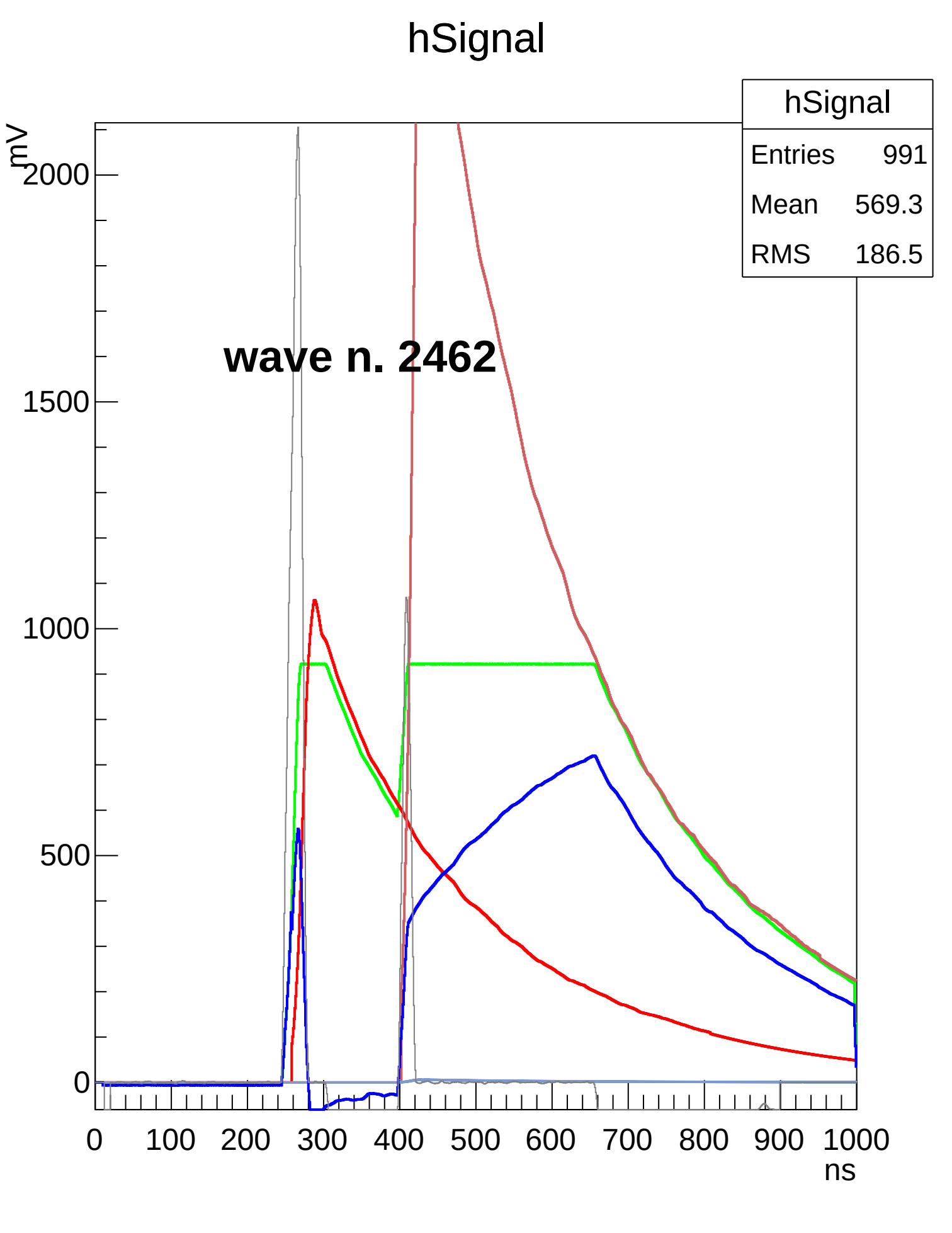
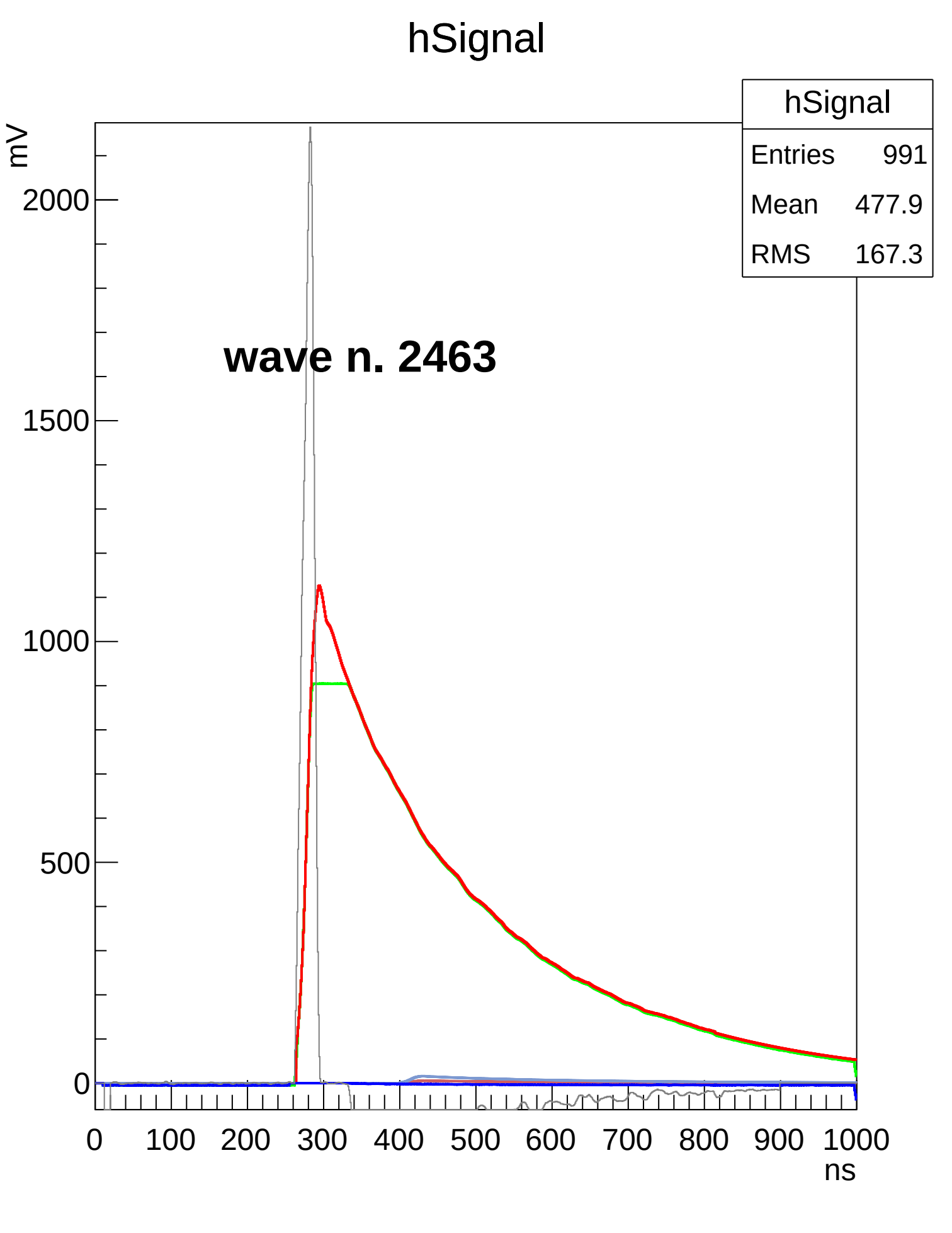
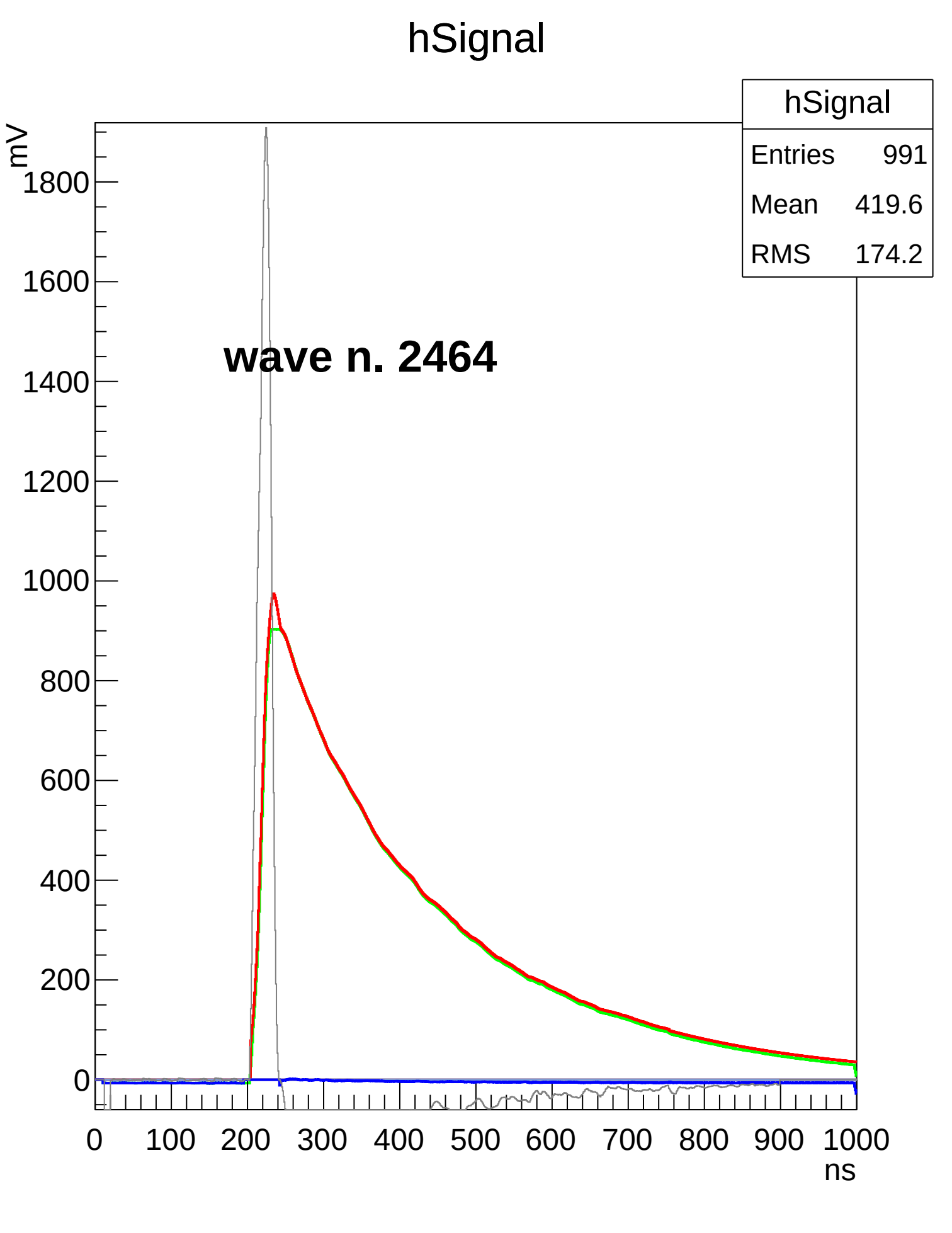
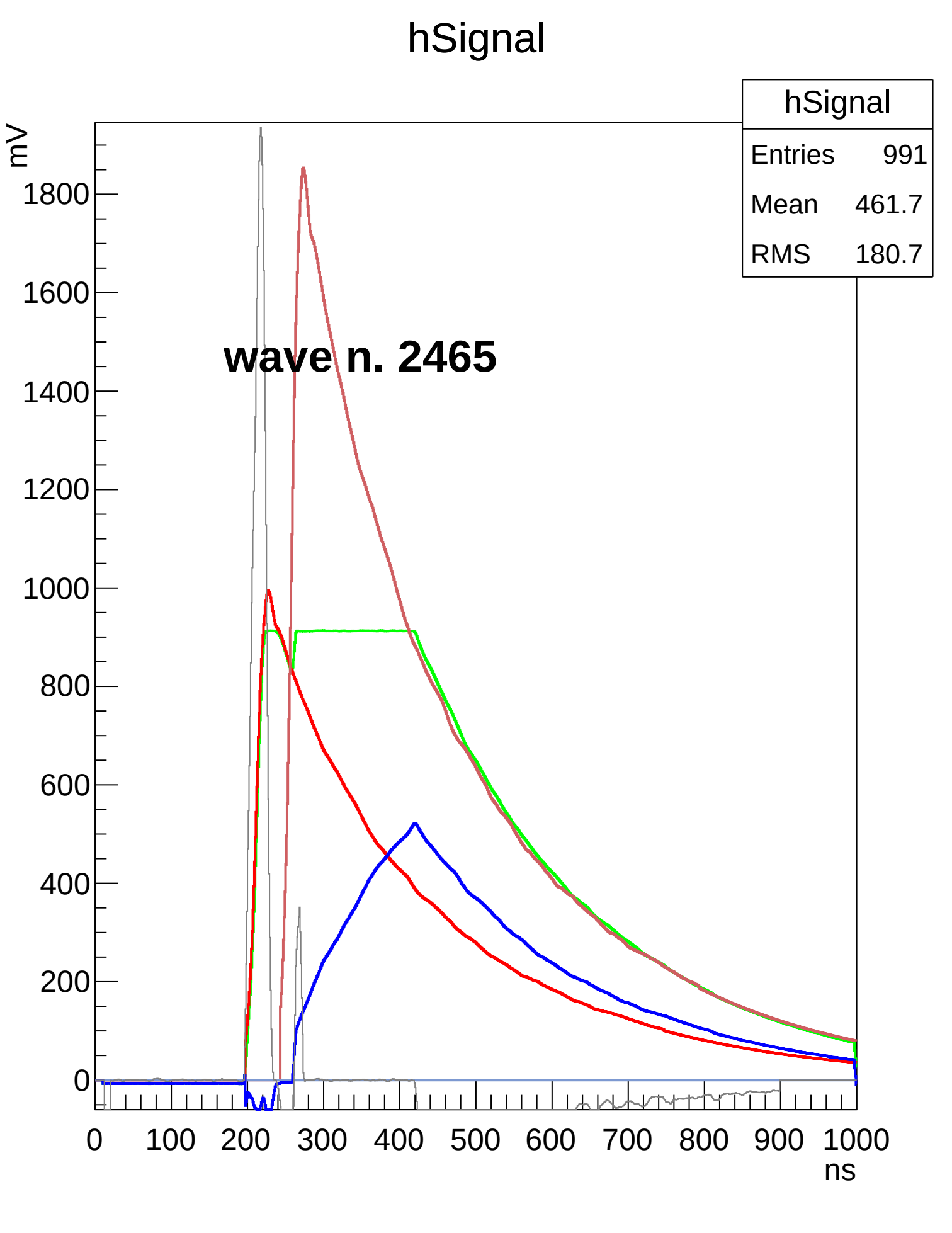
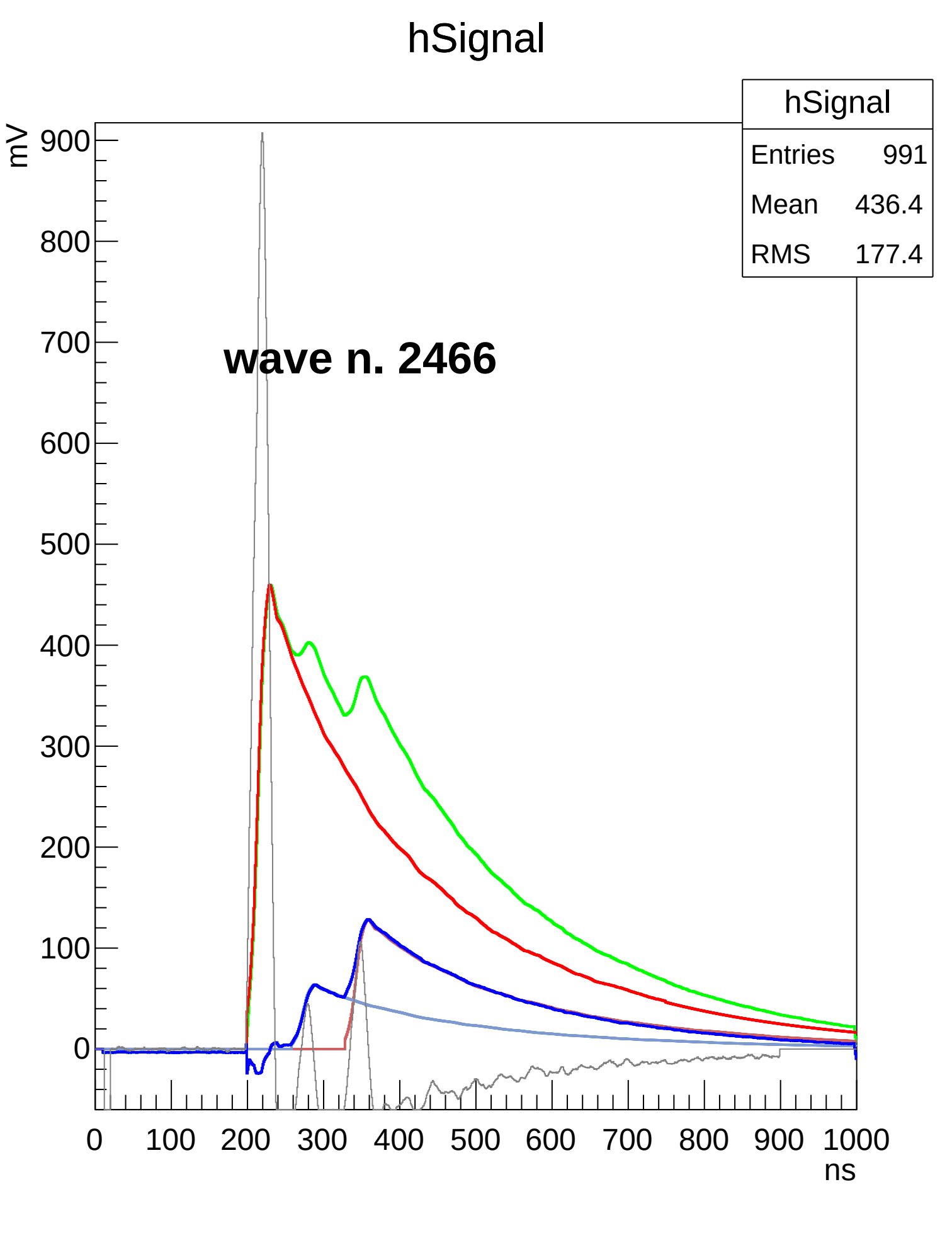
700
800
900
1000
ns

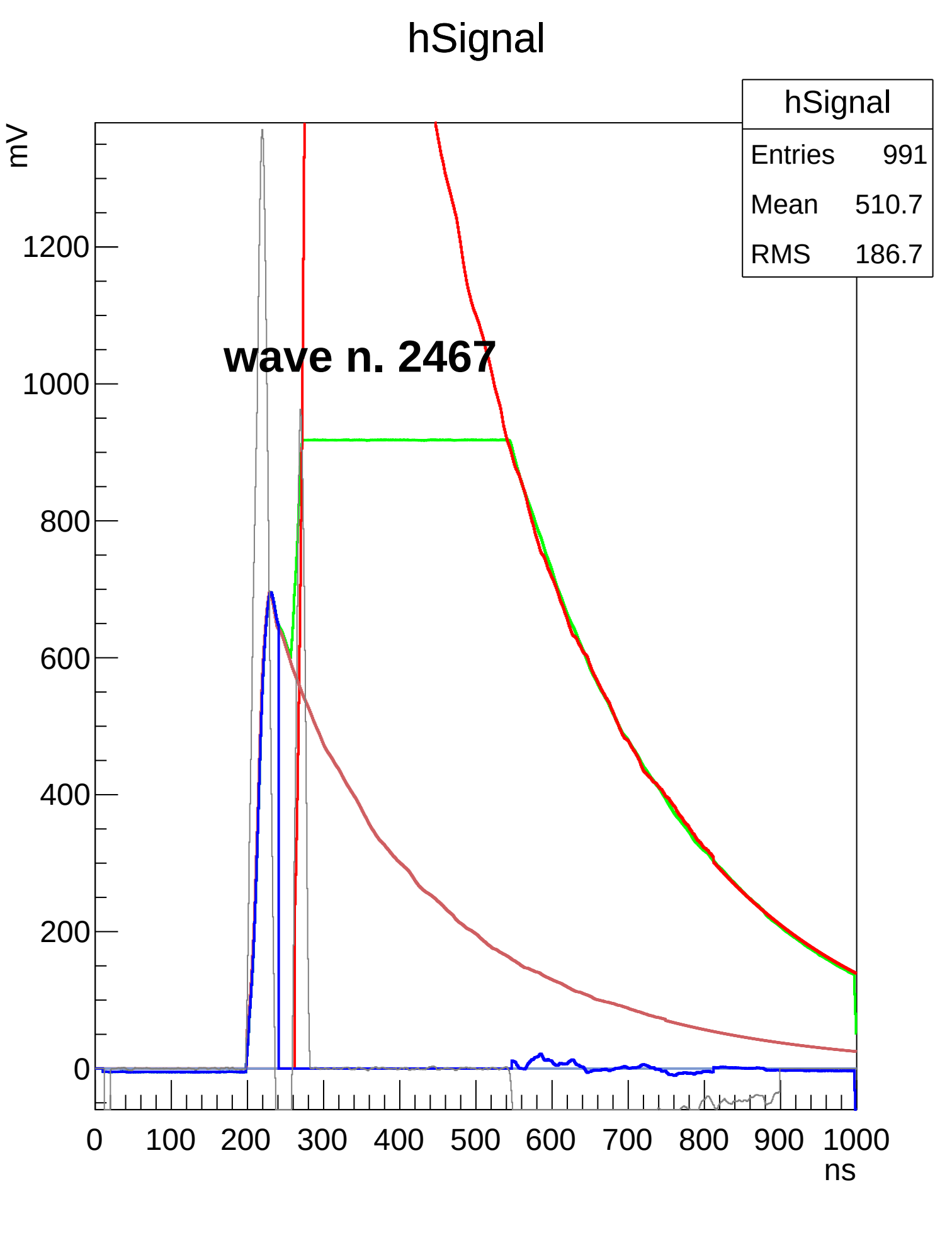

hSignal
hSignal
Entries 991
Mean 569.3
RMS 186.5
wave n. 2462
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

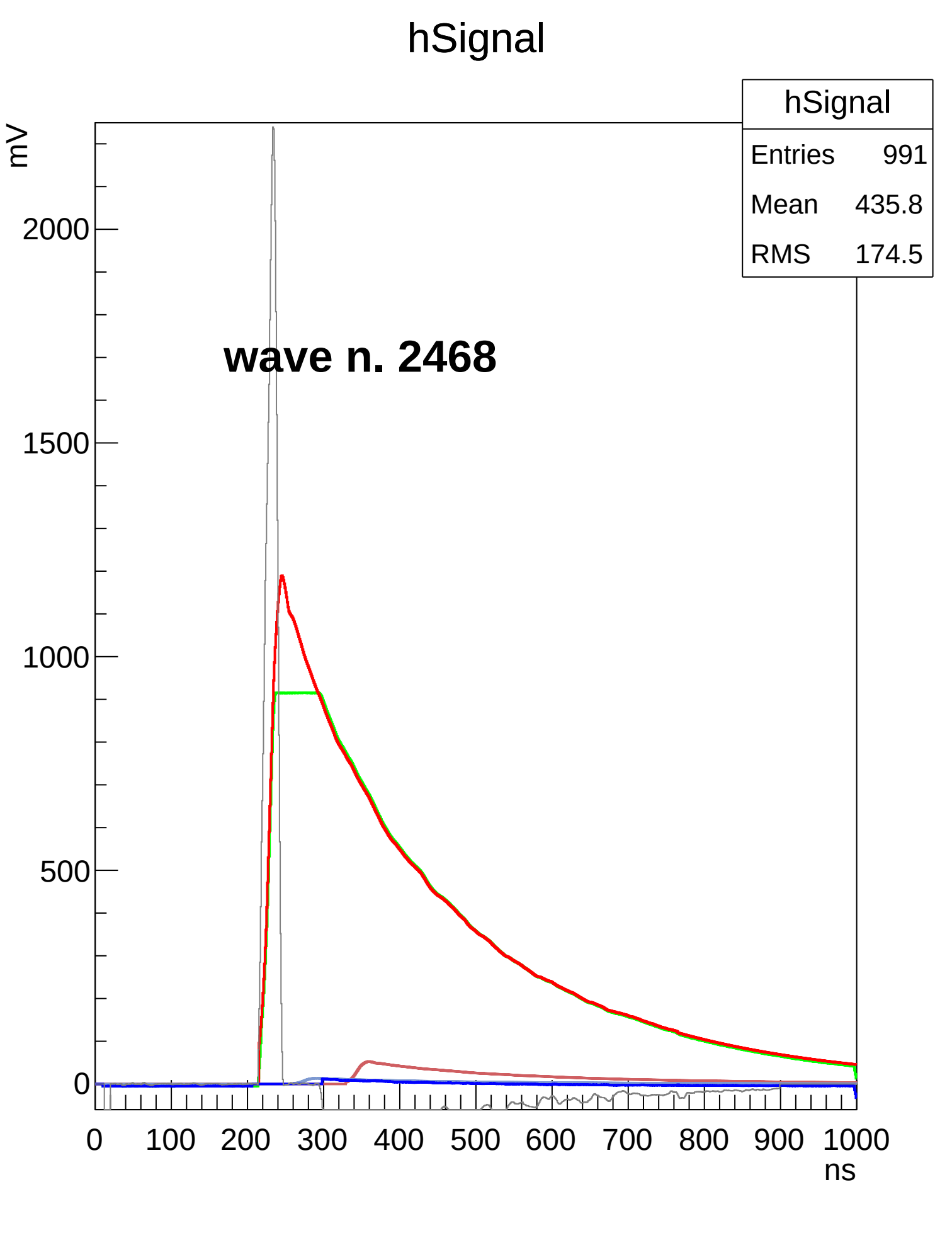

hSignal
hSignal
Entries 991
Mean 477.9
RMS 167.3
wave n. 2463
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 419.6
RMS 174.2
wave n. 2464
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 461.7
RMS 180.7
wave n. 2465
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 436.4
RMS 177.4
wave n. 2466
mV
900
800
700
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.7
RMS 186.7
wave n. 2467
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 435.8
RMS 174.5
wave n. 2468
mV
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1500
1000
500
0
0
100
200
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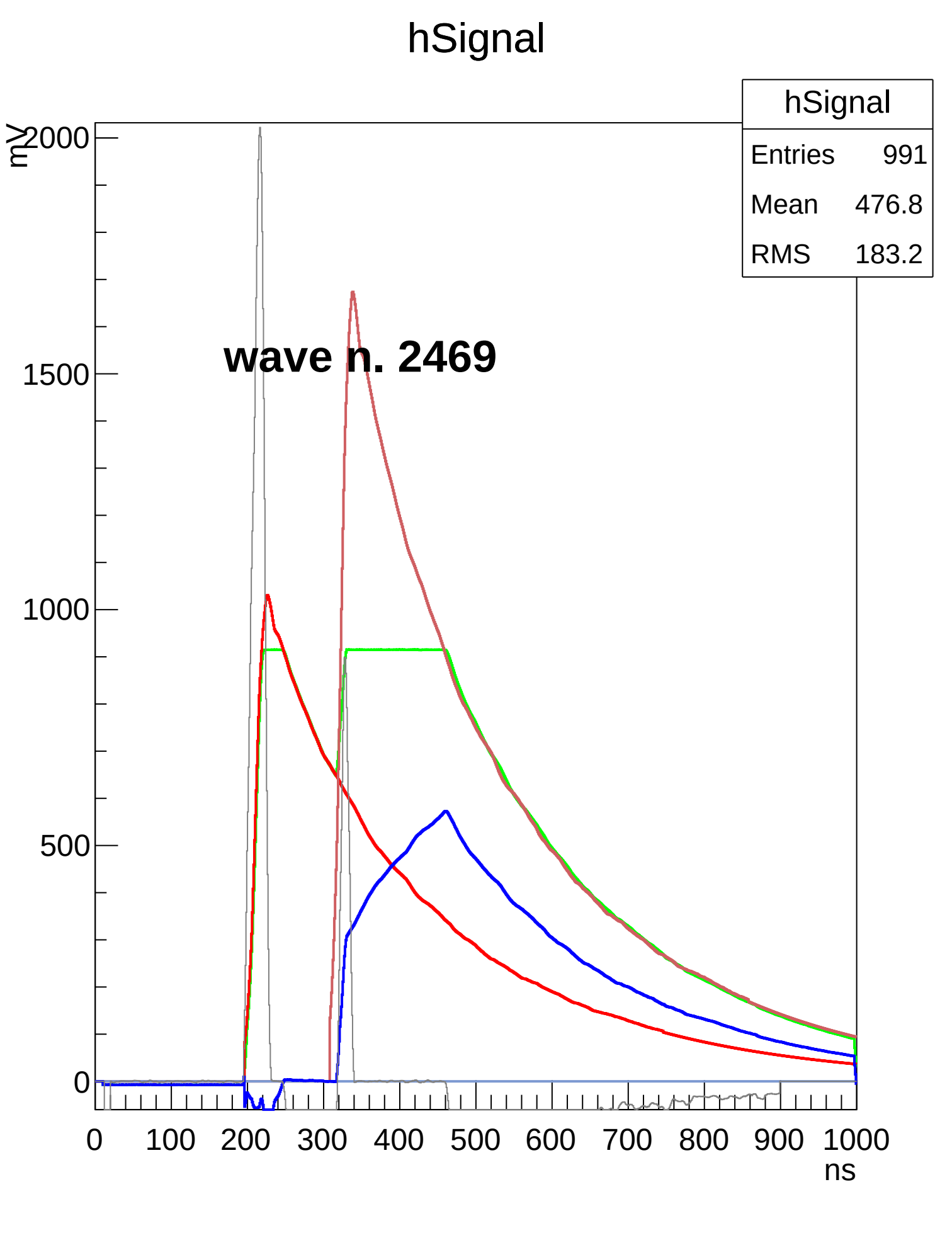
400
500
600
700
800
900
1000
ns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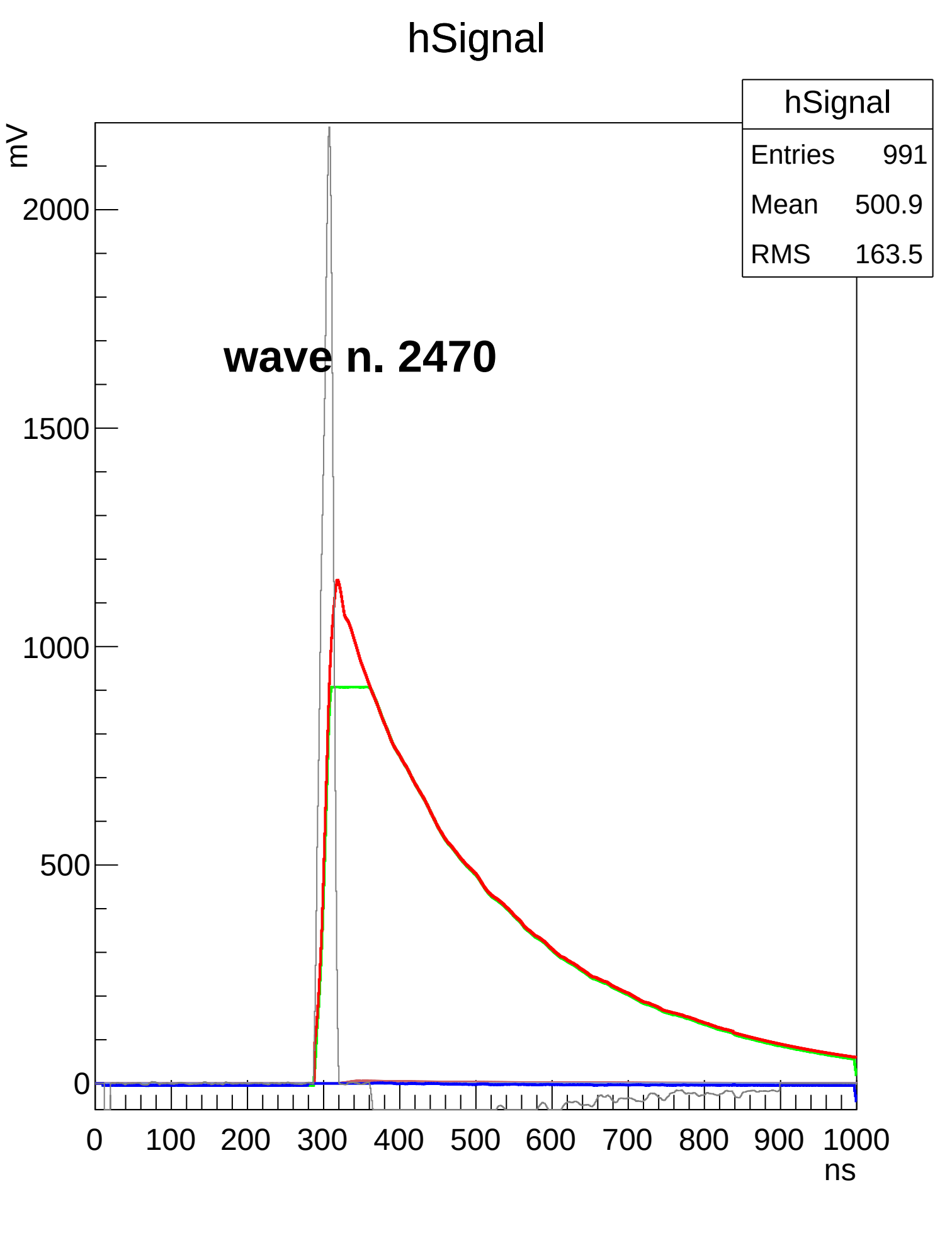
hSignal
Entries 991
Mean 476.8
RMS 183.2
wave n. 2469
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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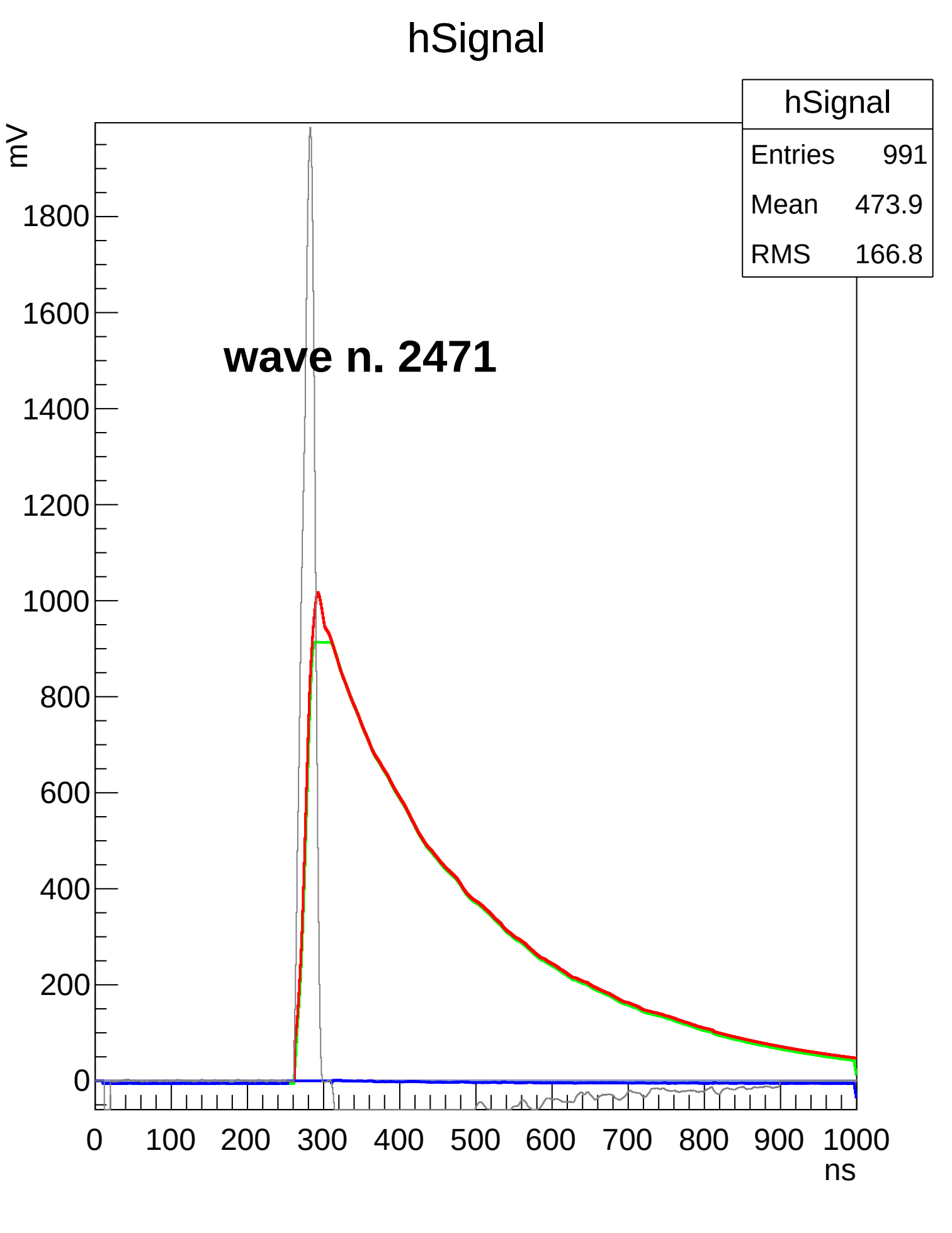
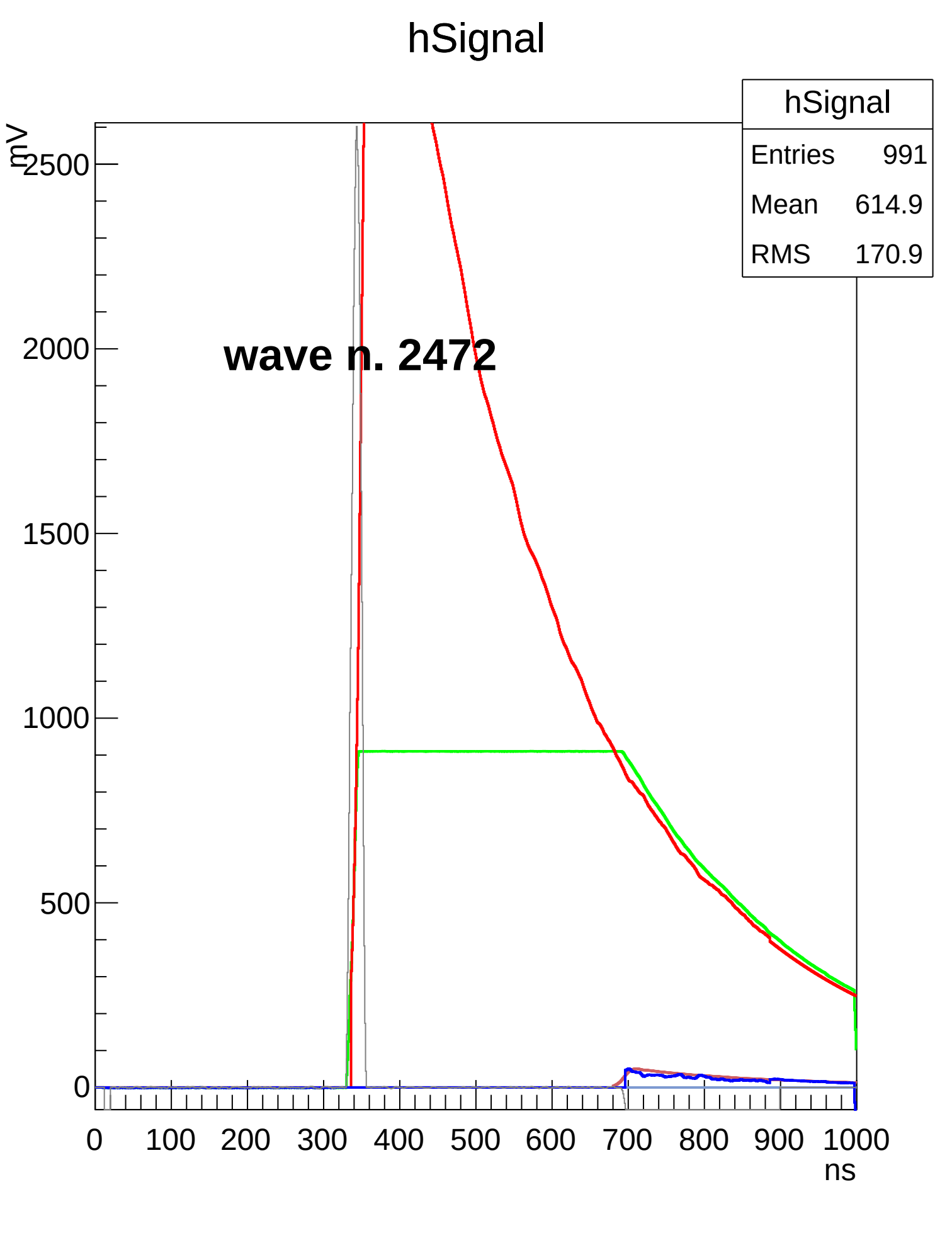
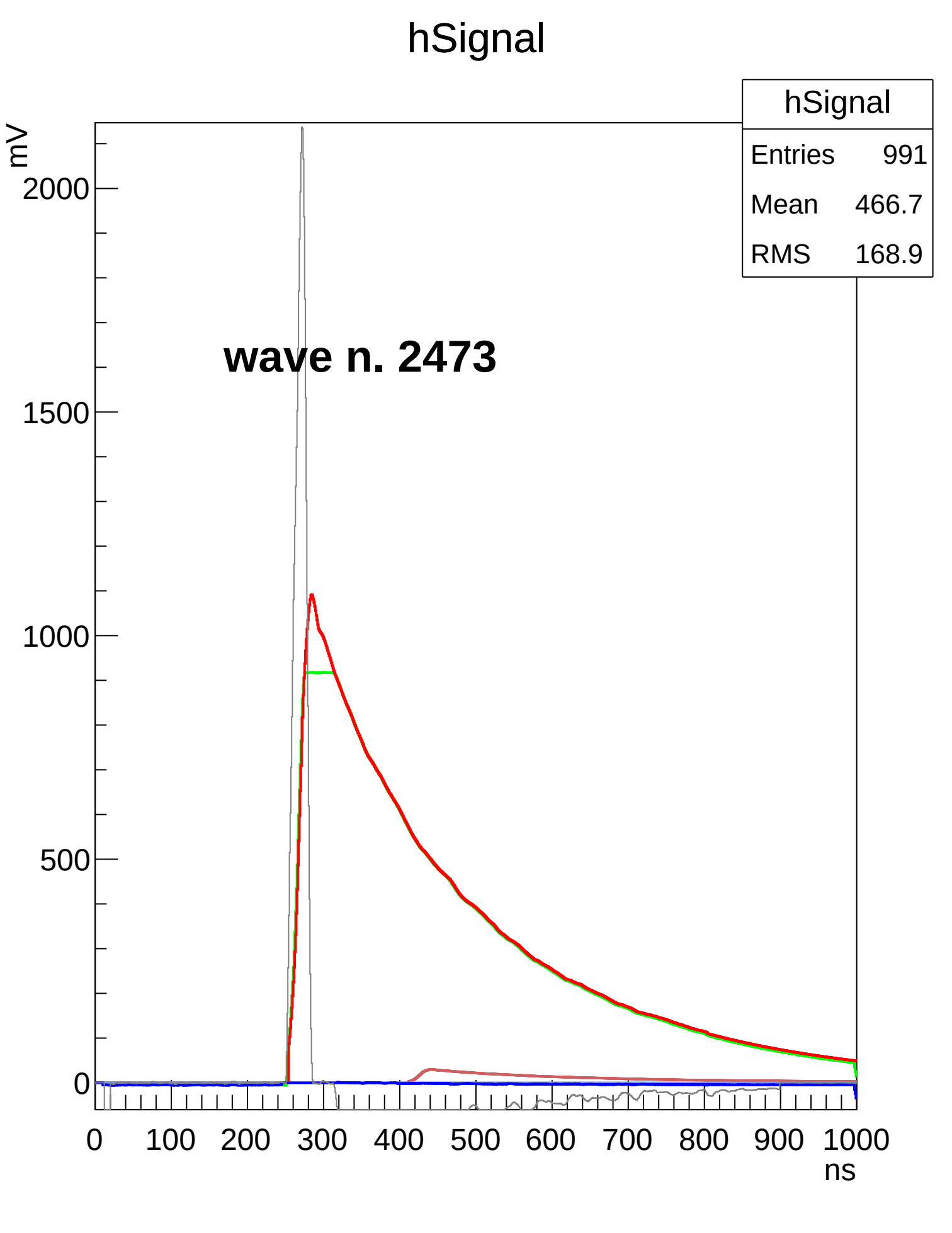
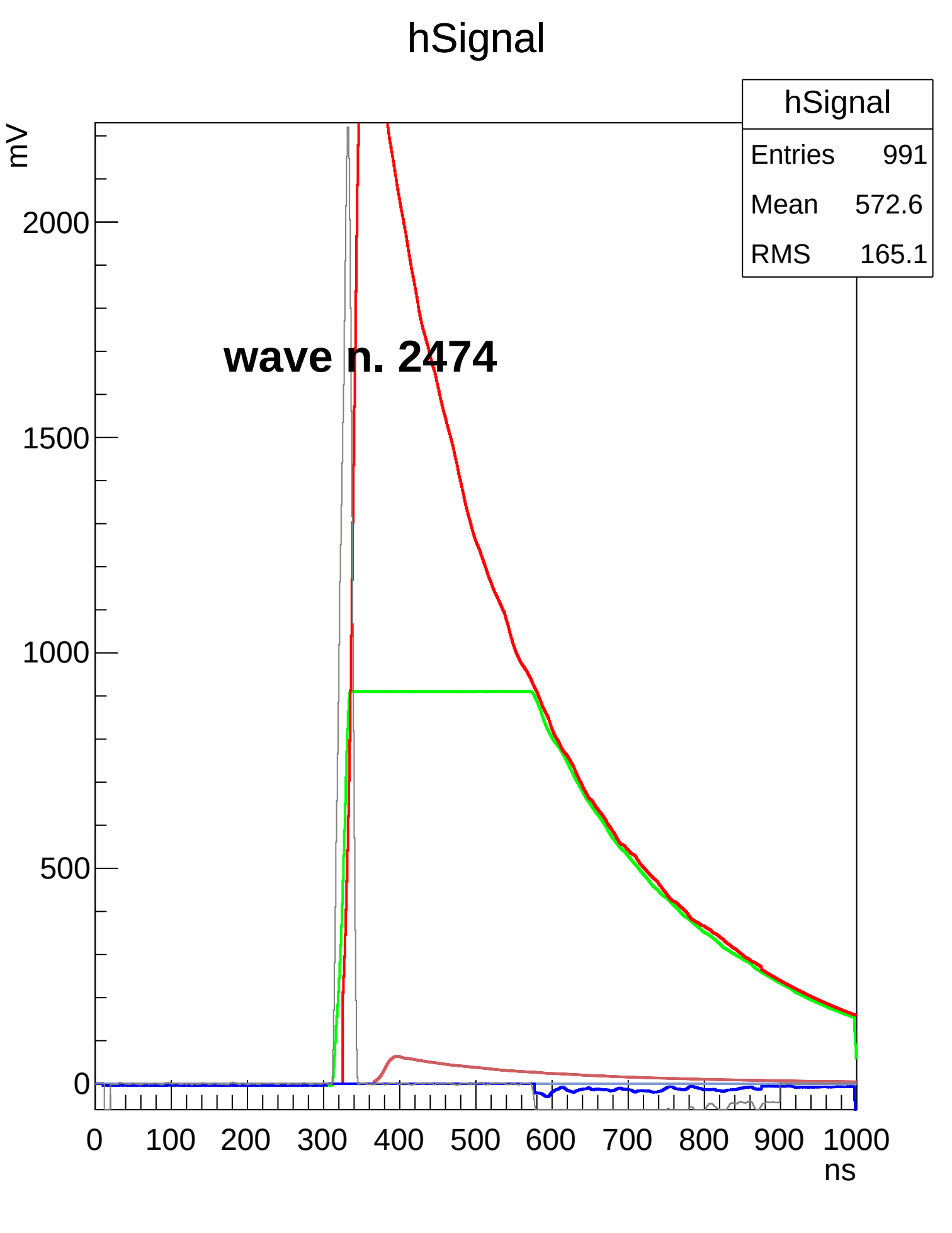
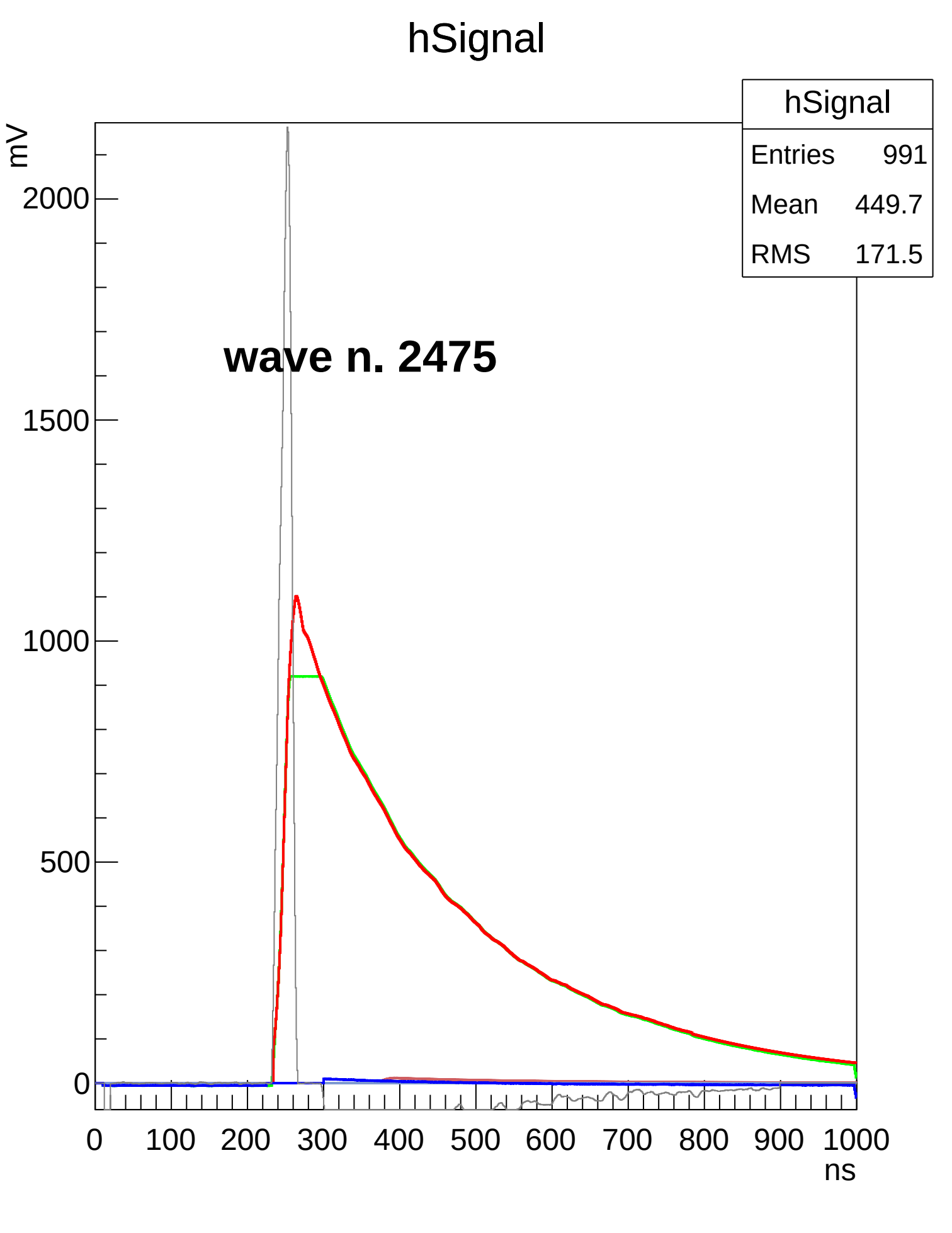
hSignal
Entries 991
Mean 500.9
RMS 163.5
wave n. 2470
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 473.9
RMS 166.8
wave n. 2471
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 614.9
RMS 170.9
wave n. 2472
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 466.7
RMS 168.9
wave n. 2473
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 572.6
RMS 165.1
wave n. 2474
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 449.7
RMS 171.5
wave n. 2475
mV
2000
1500
1000
500
0
0
100
200
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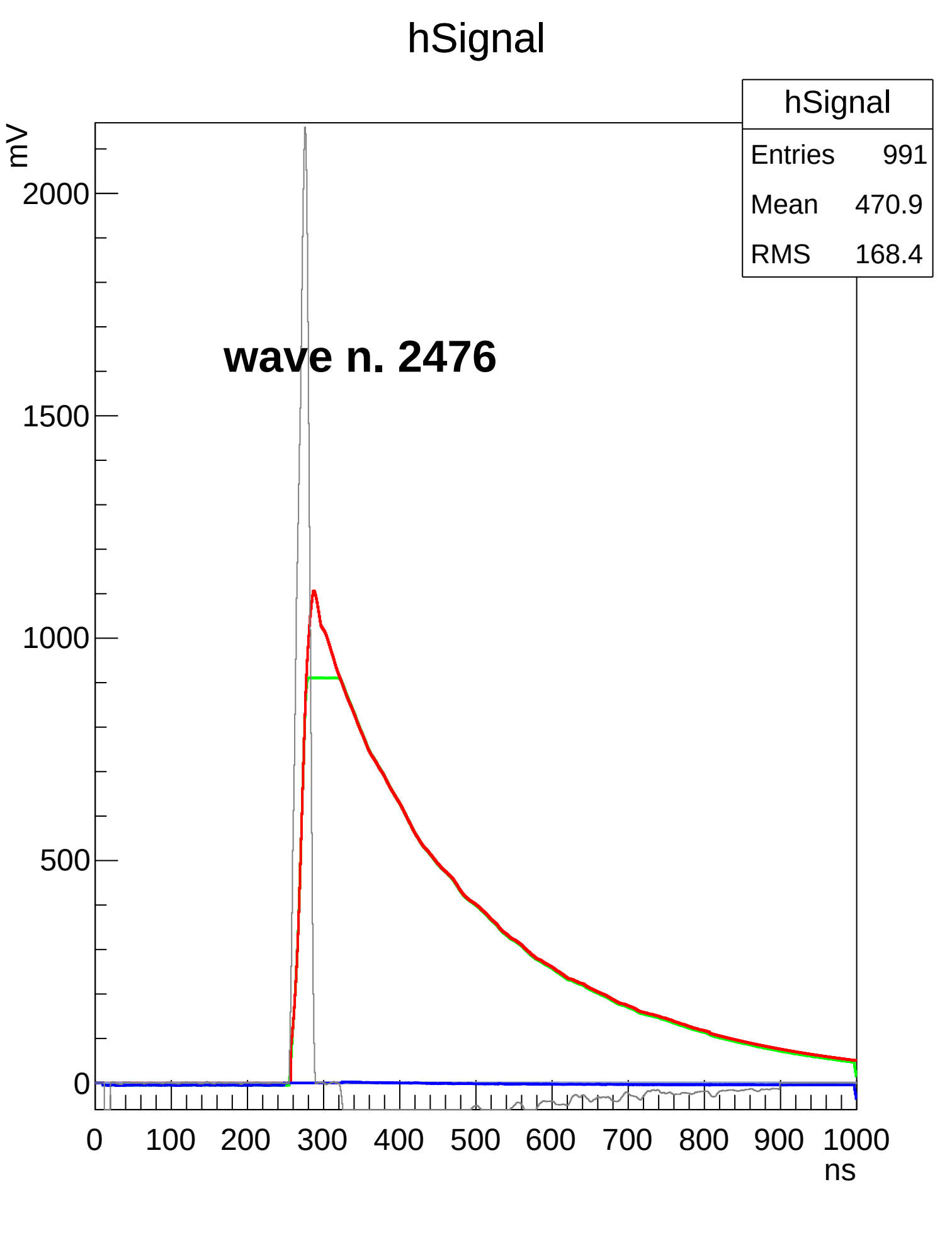
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 470.9
RMS 168.4
wave n. 2476
mV
2000
1500
1000
500
0
0
100
200
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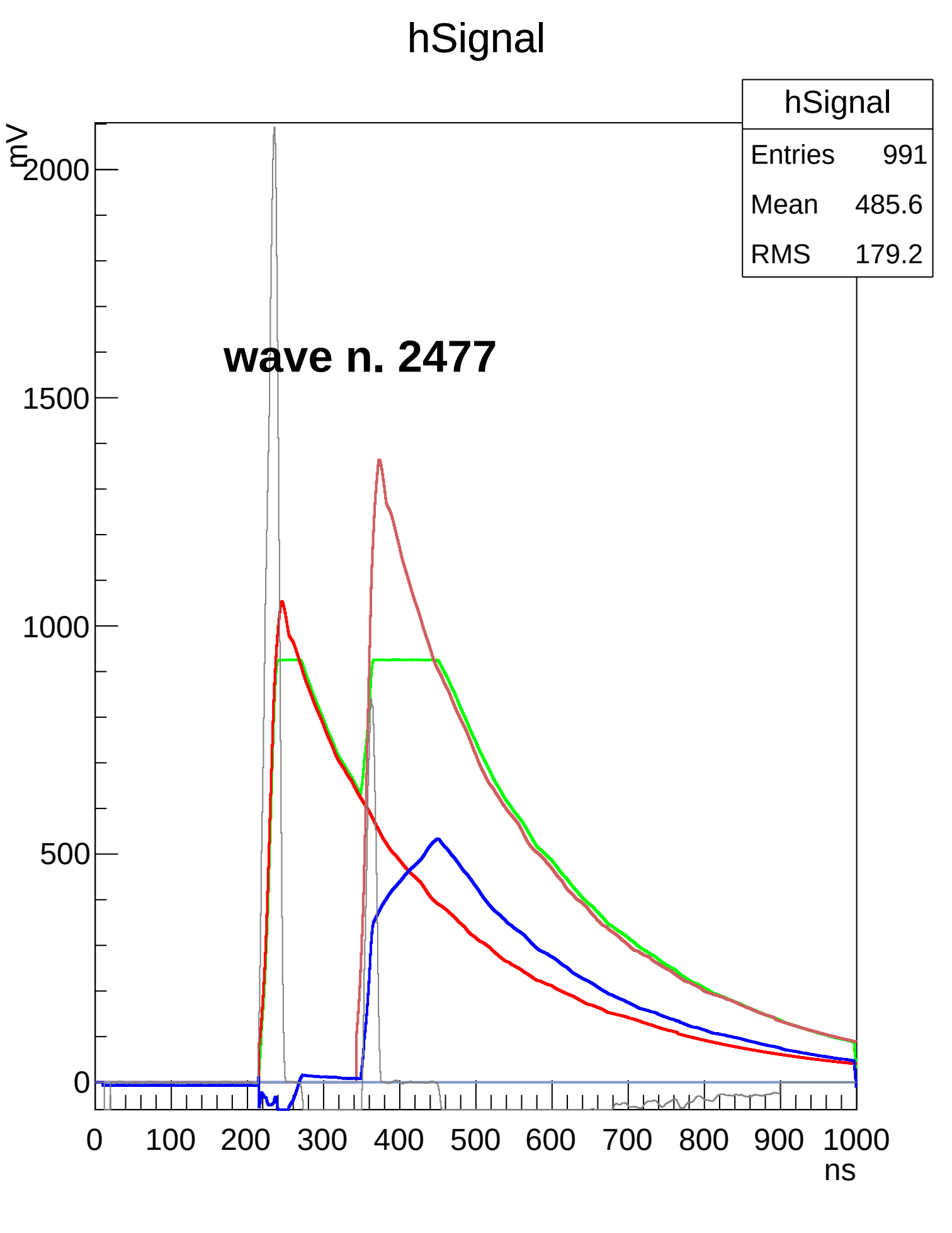
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485.6
RMS 179.2
wave n. 2477
mV
2000
1500
1000
500
0
0
100
200
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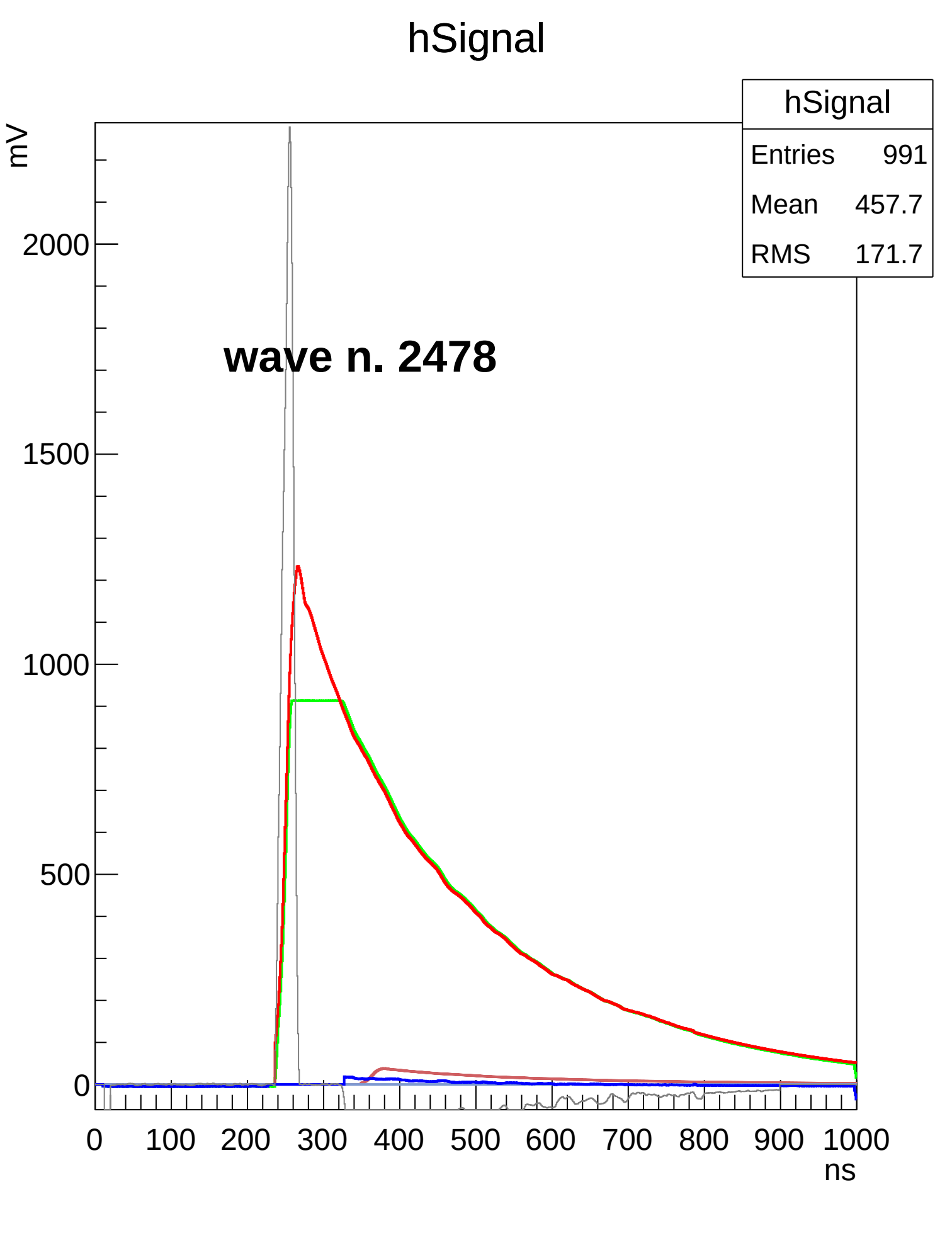
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 457.7
RMS 171.7
wave n. 2478
mV
2000
1500
1000
500
0
0
100
200
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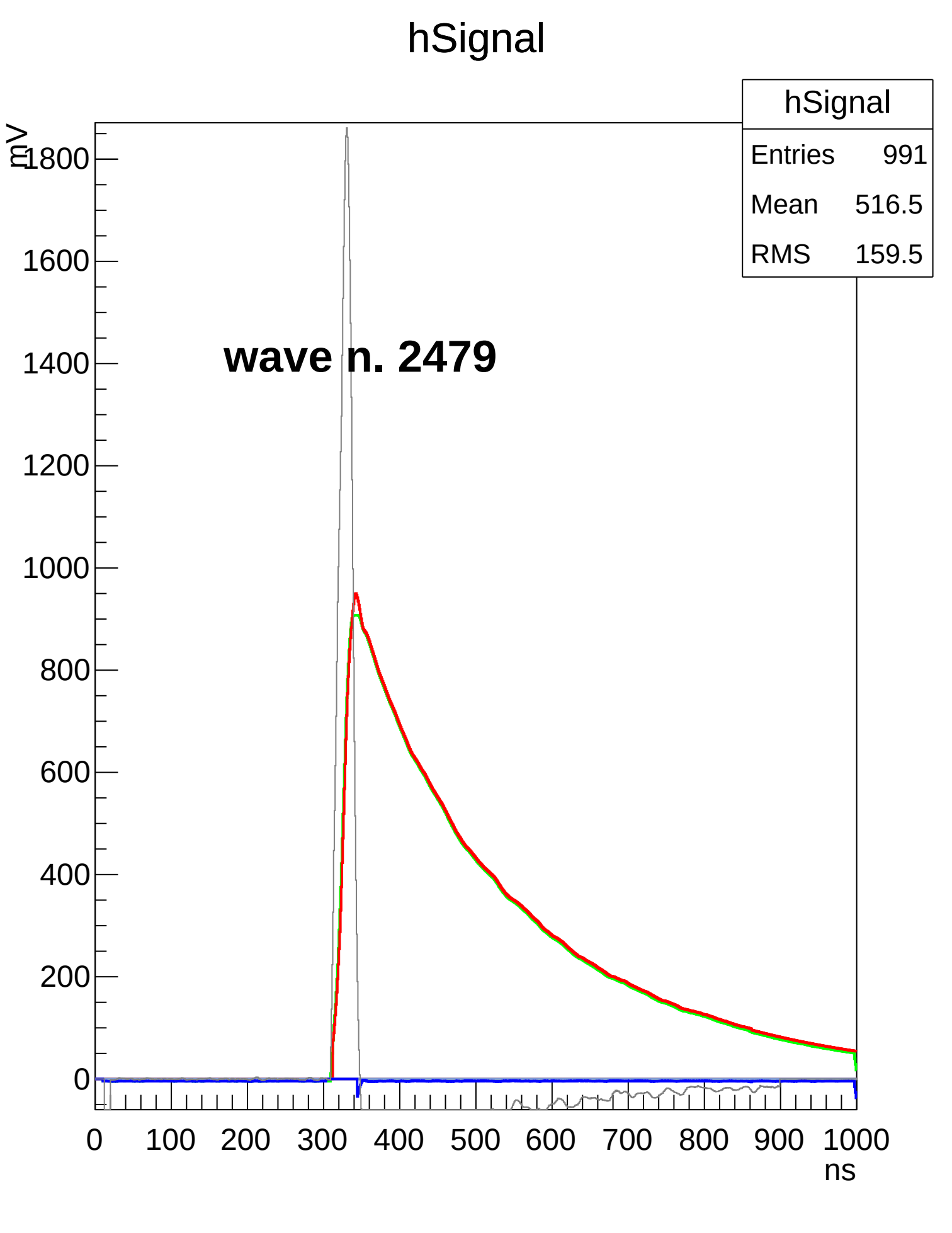
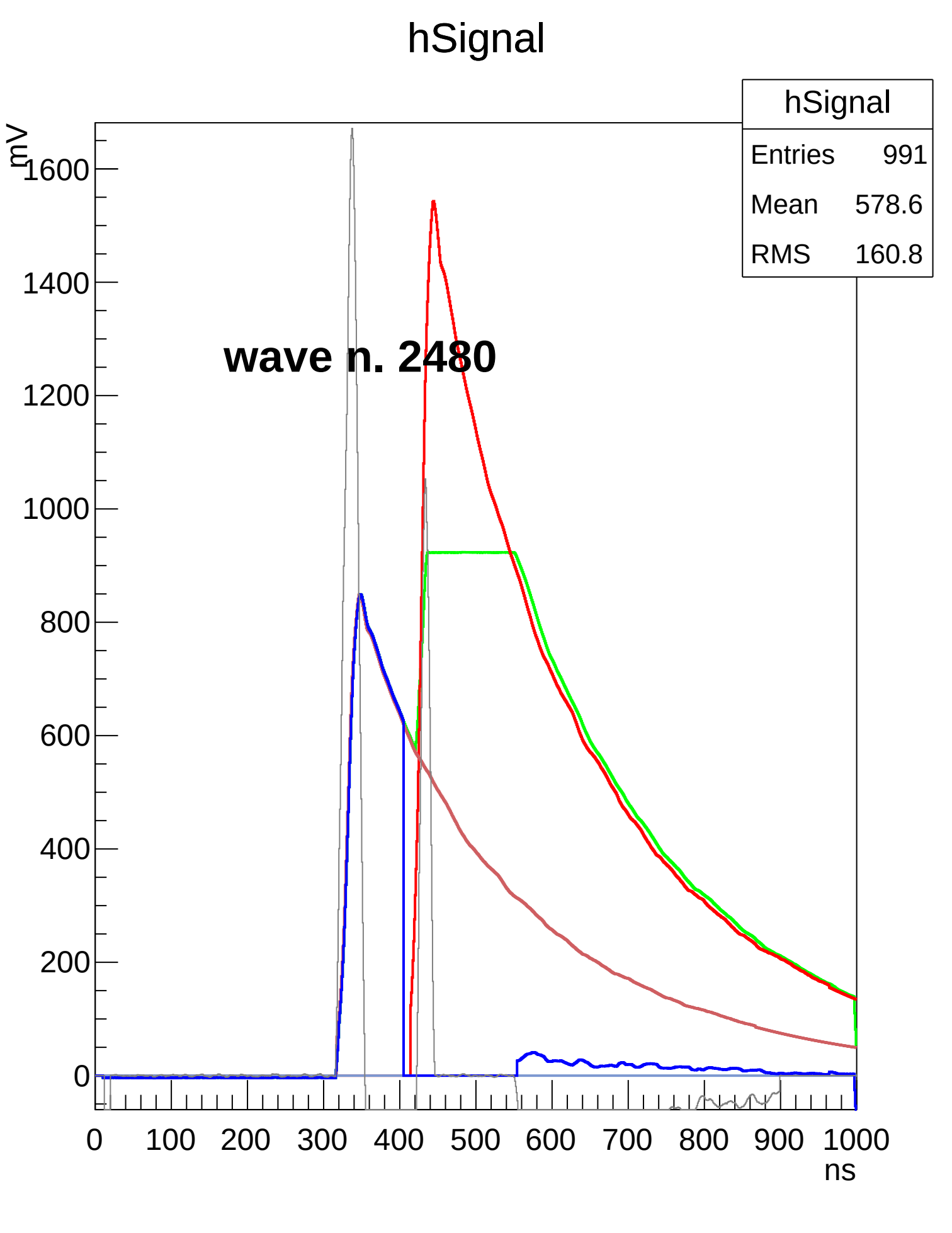
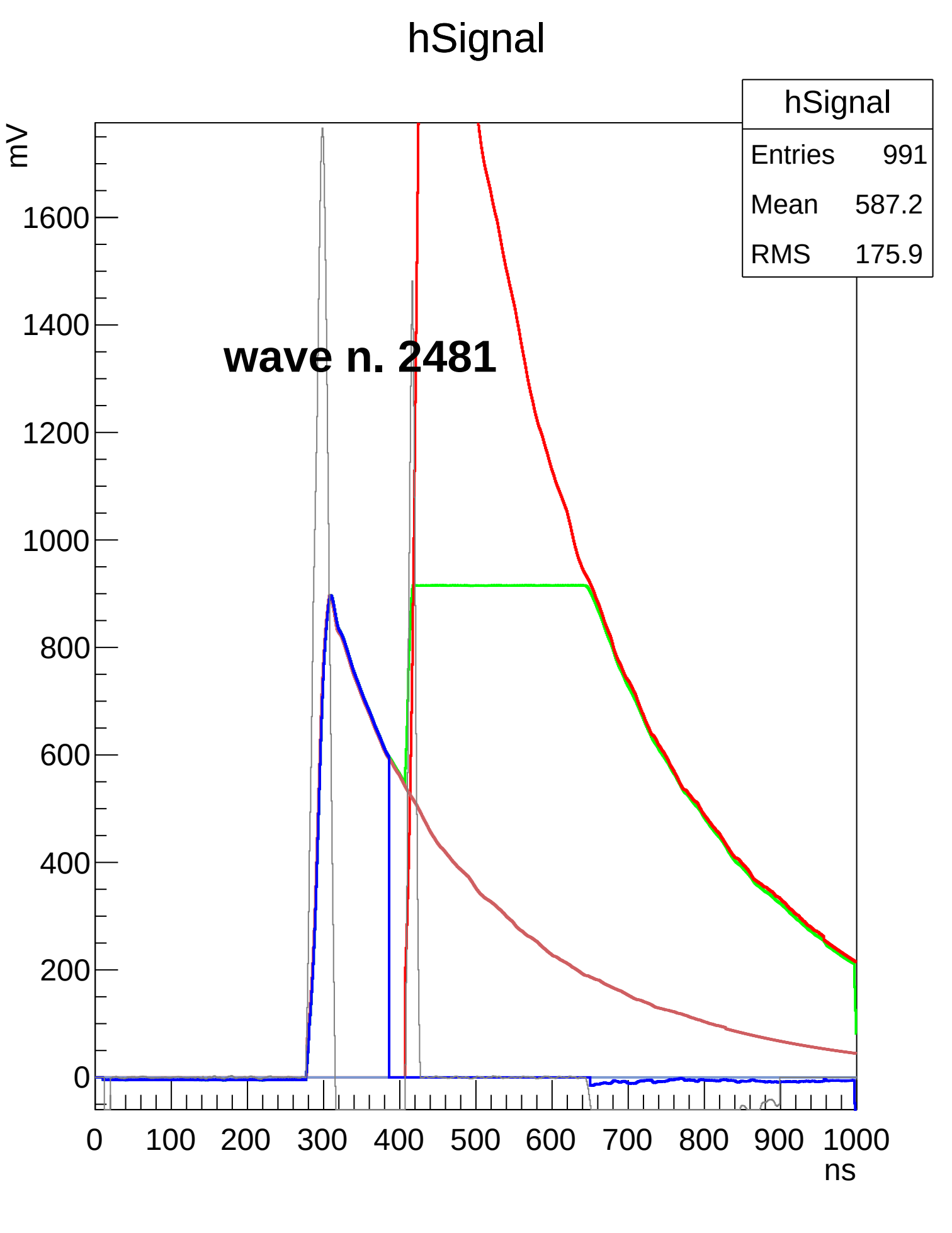
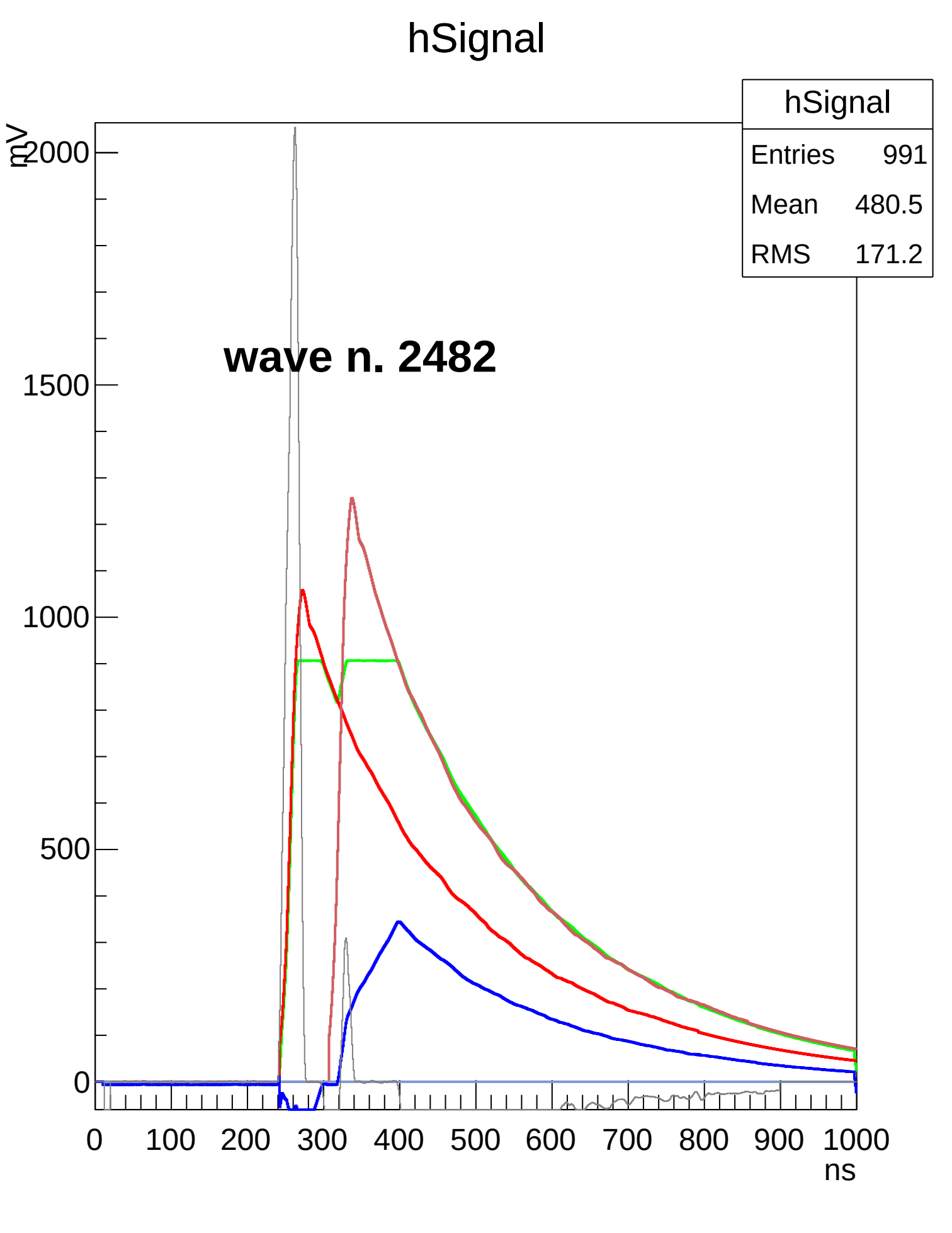
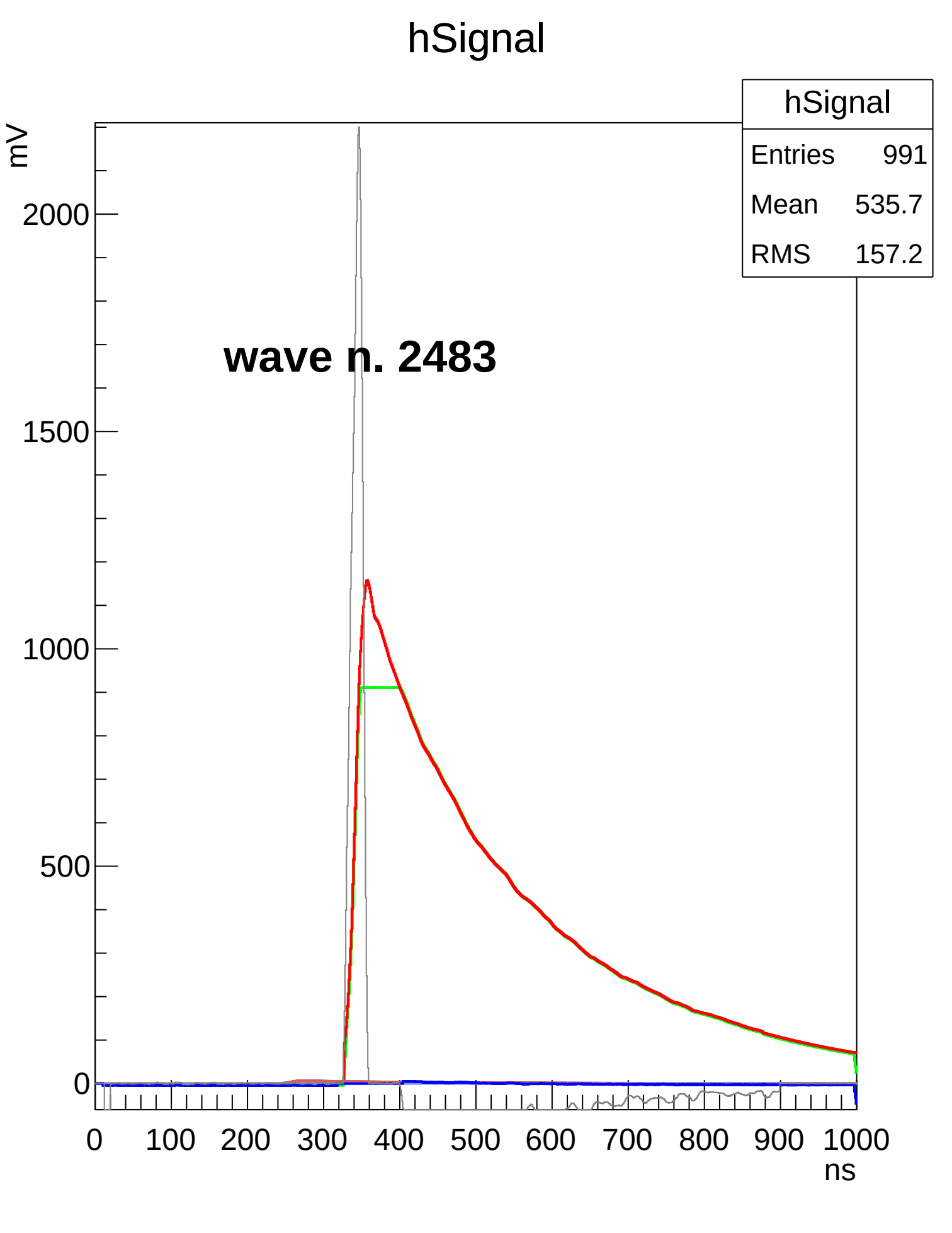
400
500
600
700
800
900
1000
ns

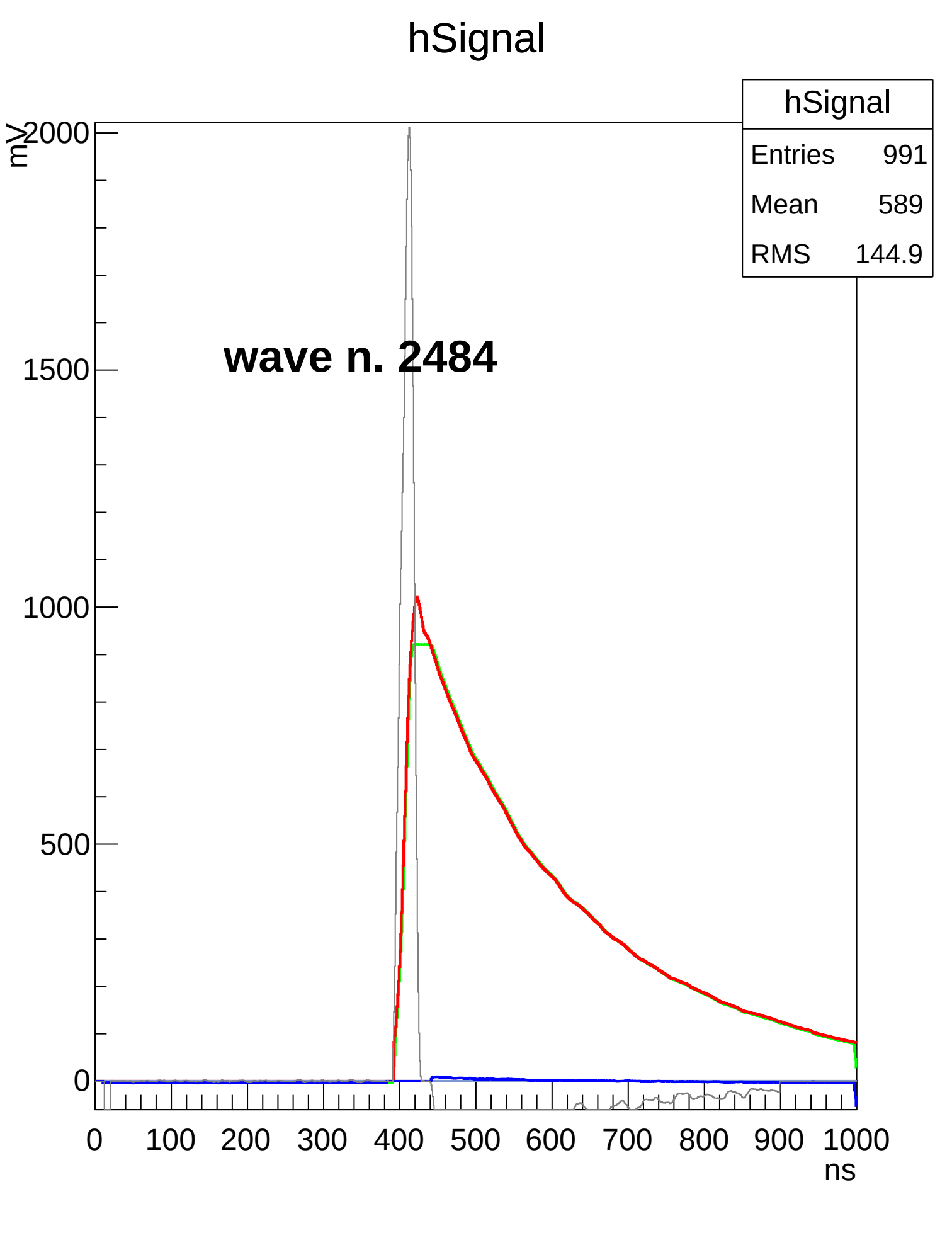

hSignal
hSignal
Entries 991
Mean 516.5
RMS 159.5
wave n. 2479
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

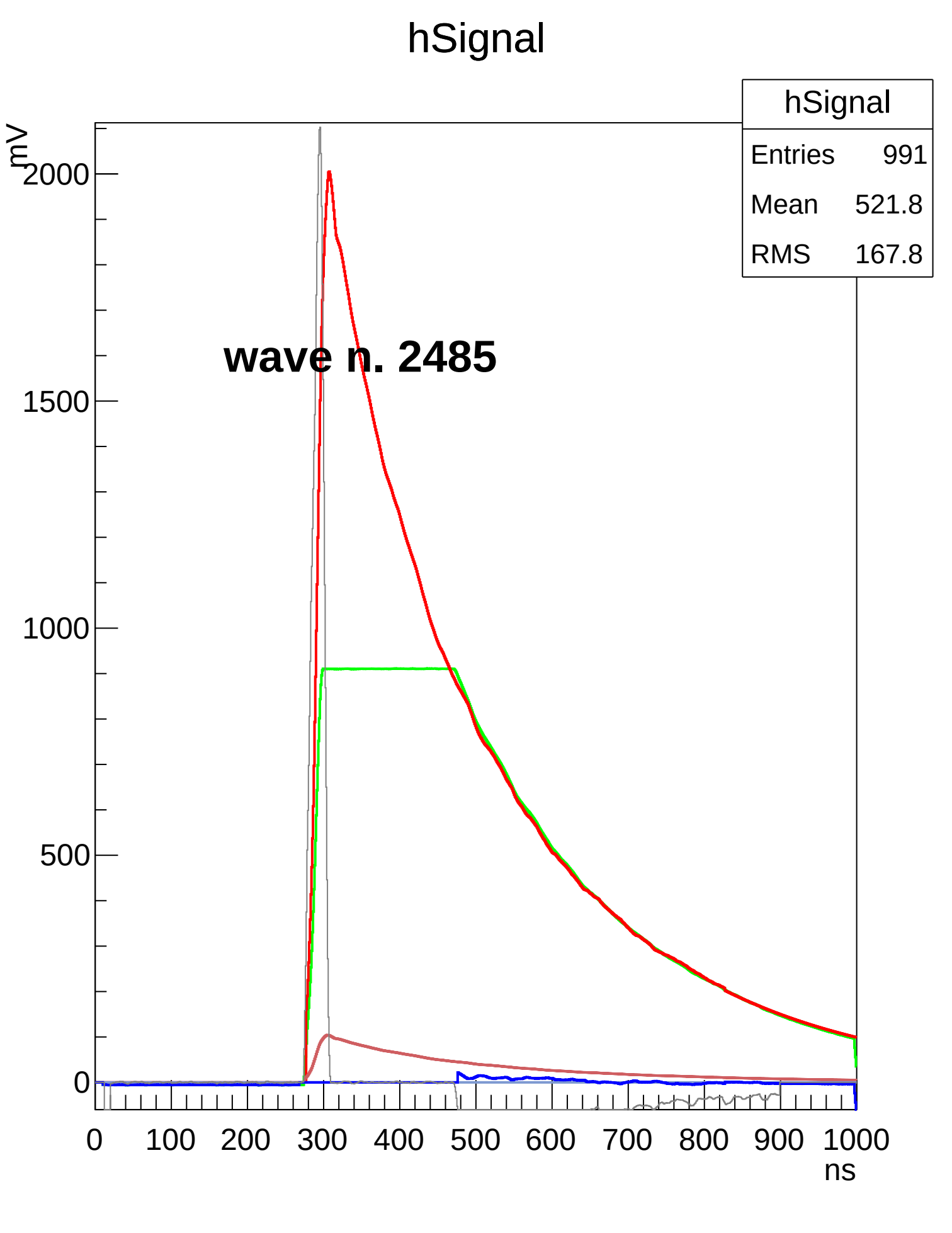

hSignal
hSignal
Entries 991
Mean 578.6
RMS 160.8
wave n. 2480
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

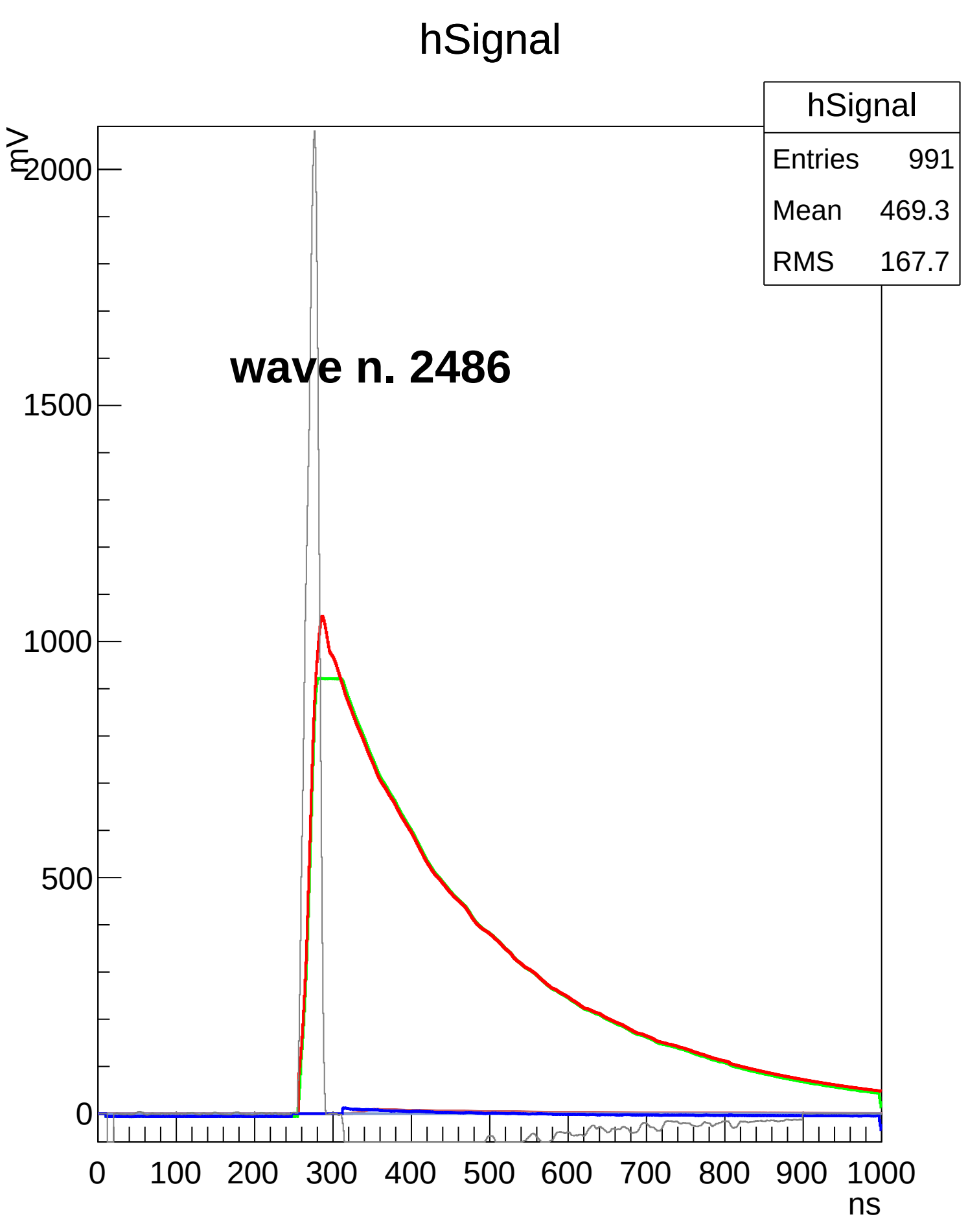

hSignal
hSignal
Entries 991
Mean 587.2
RMS 175.9
wave n. 2481
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

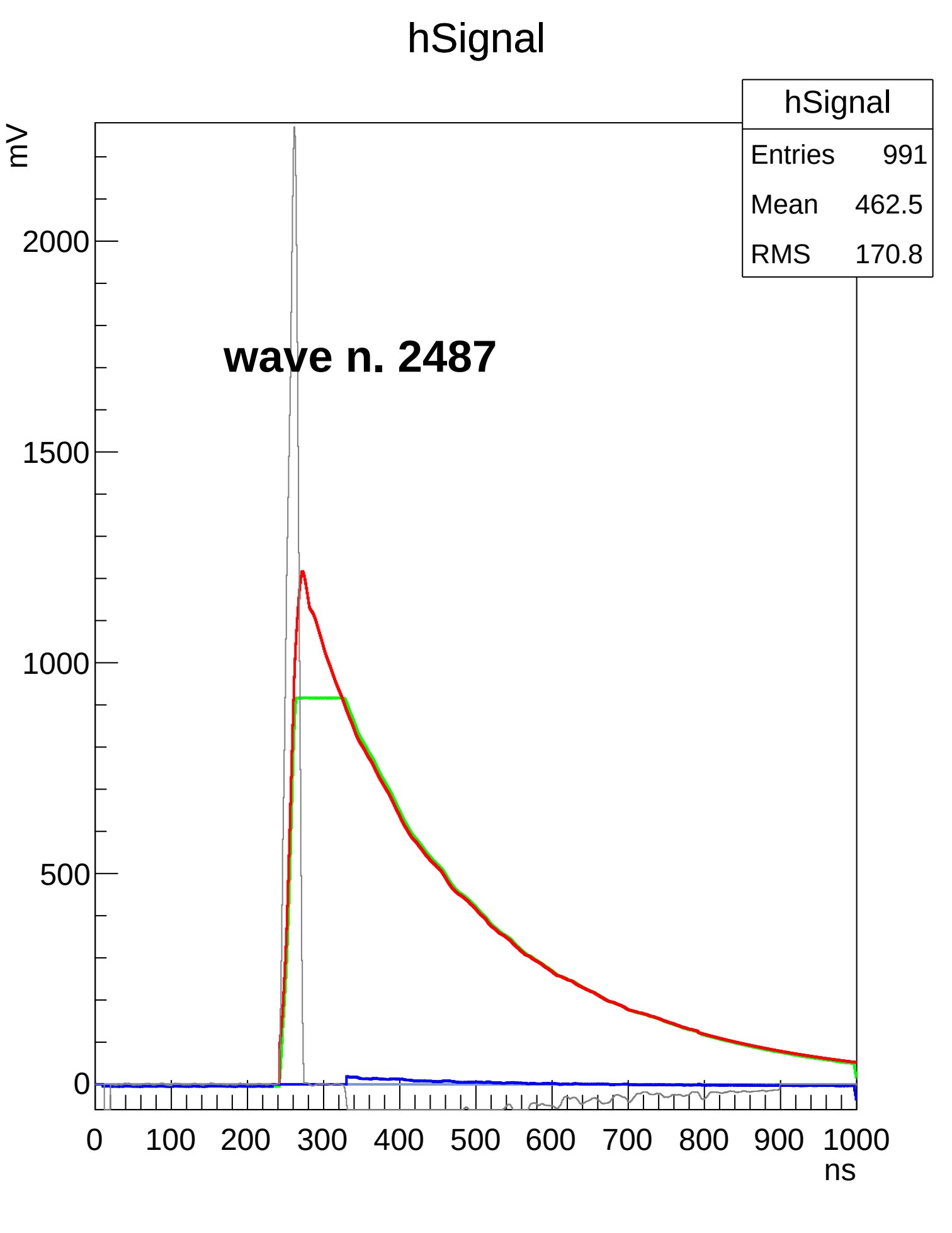

hSignal
hSignal
Entries 991
Mean 480.5
RMS 171.2
wave n. 2482
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

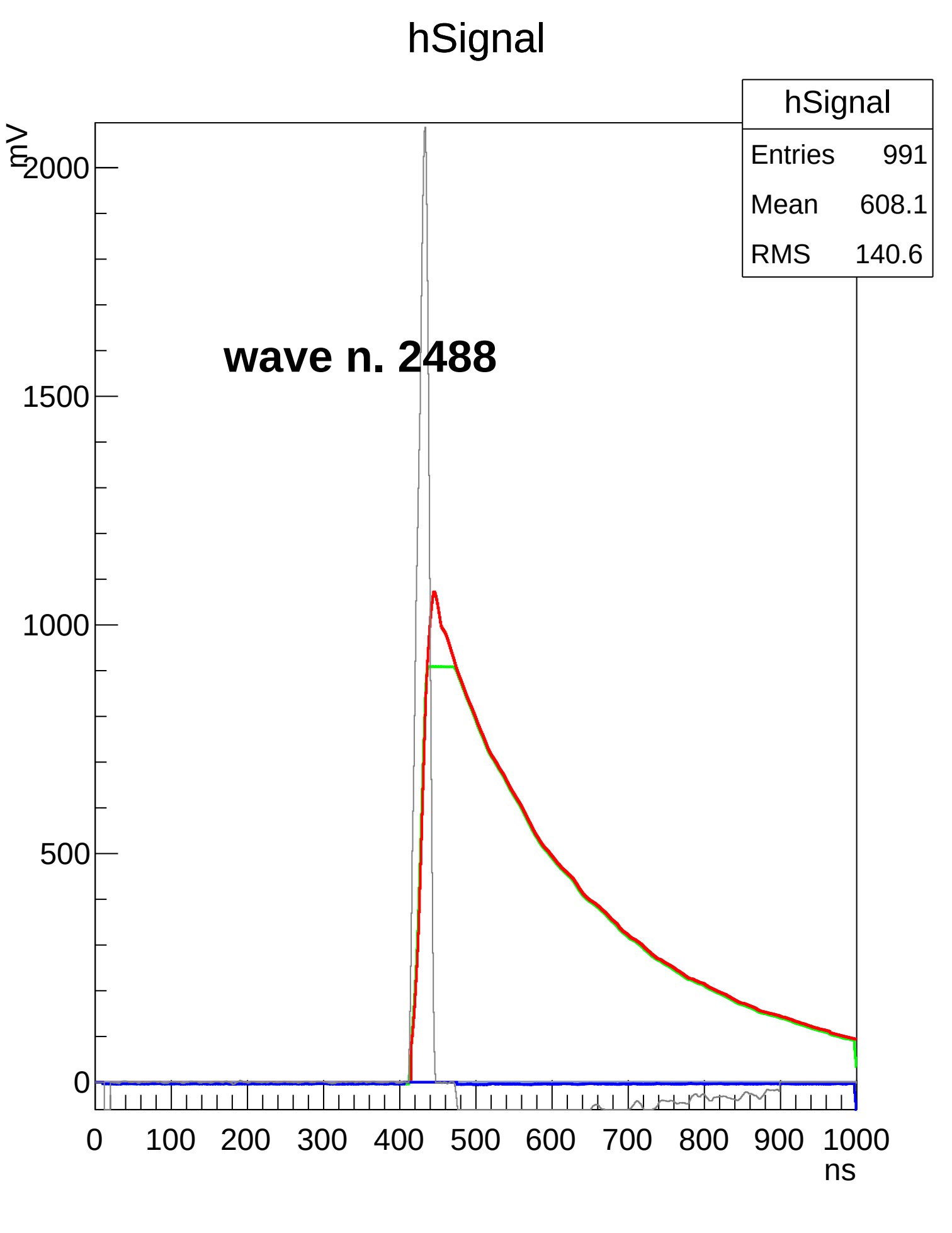

hSignal
hSignal
Entries 991
Mean 535.7
RMS 157.2
wave n. 2483
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 589
RMS 144.9
wave n. 2484
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 521.8
RMS 167.8
wave n. 2485
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 469.3
RMS 167.7
wave n. 2486
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 462.5
RMS 170.8
wave n. 2487
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 608.1
RMS 140.6
wave n. 2488
mV
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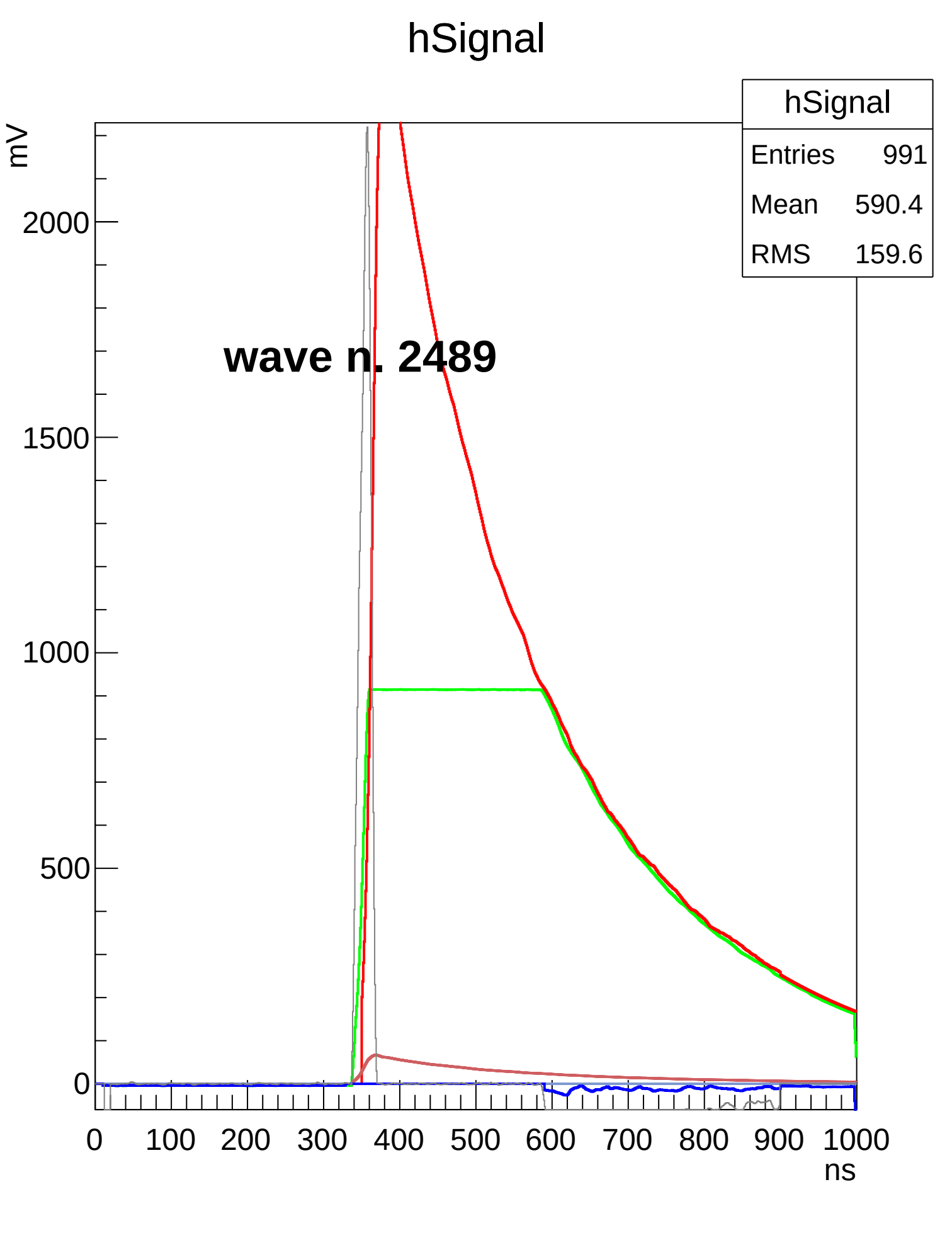
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 590.4
RMS 159.6
wave n. 2489
mV
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1500
1000
500
0
0
100
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400
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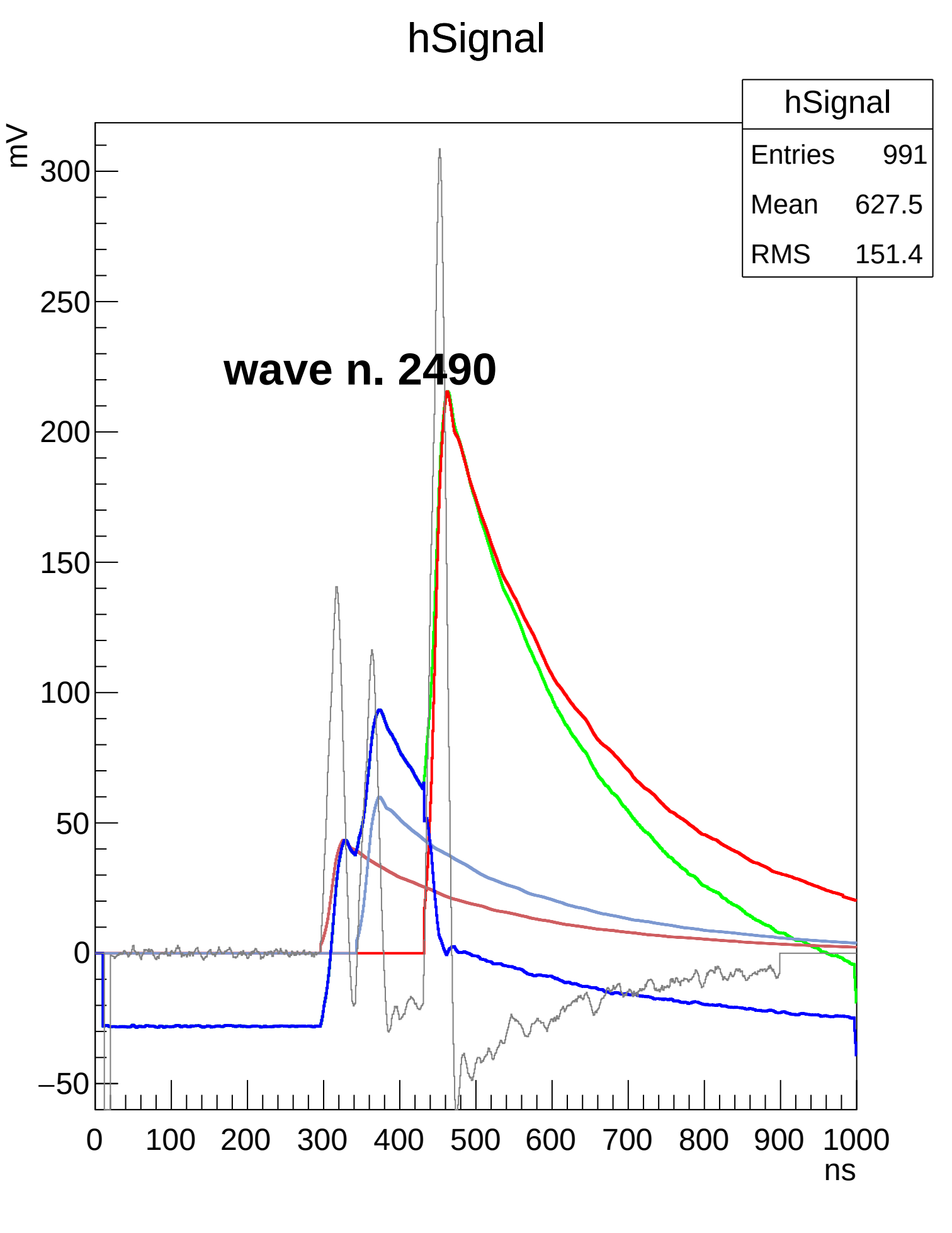
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 627.5
RMS 151.4
wave n. 2490
mV
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250
200
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100
50
0
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0
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200
300
400
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800
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1000
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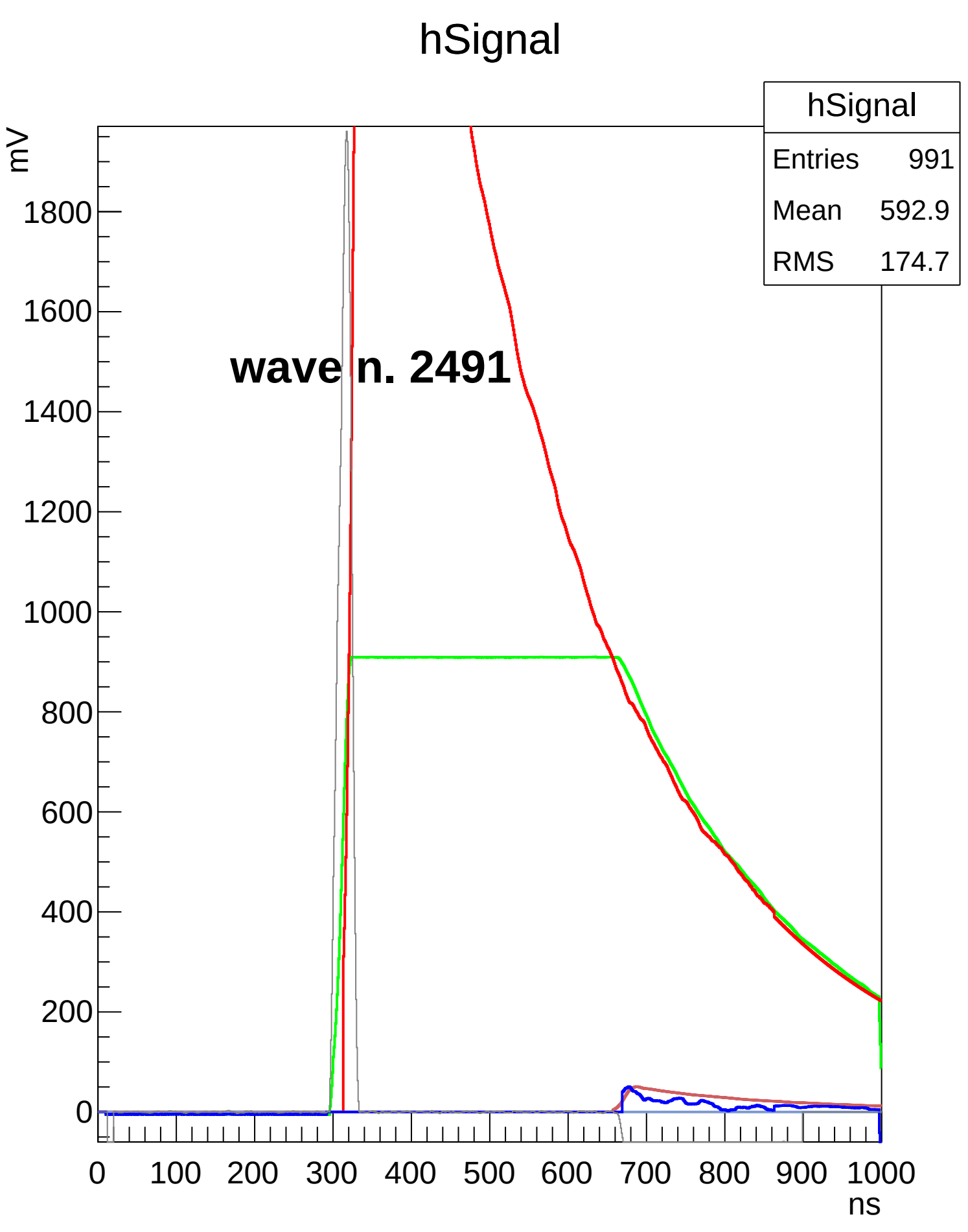
hSignal
hSignal
Entries 991
Mean 592.9
RMS 174.7
wave n. 2491
mV
1800
1600
1400
1200
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800
600
400
200
0
0
100
200
300
400
500
600
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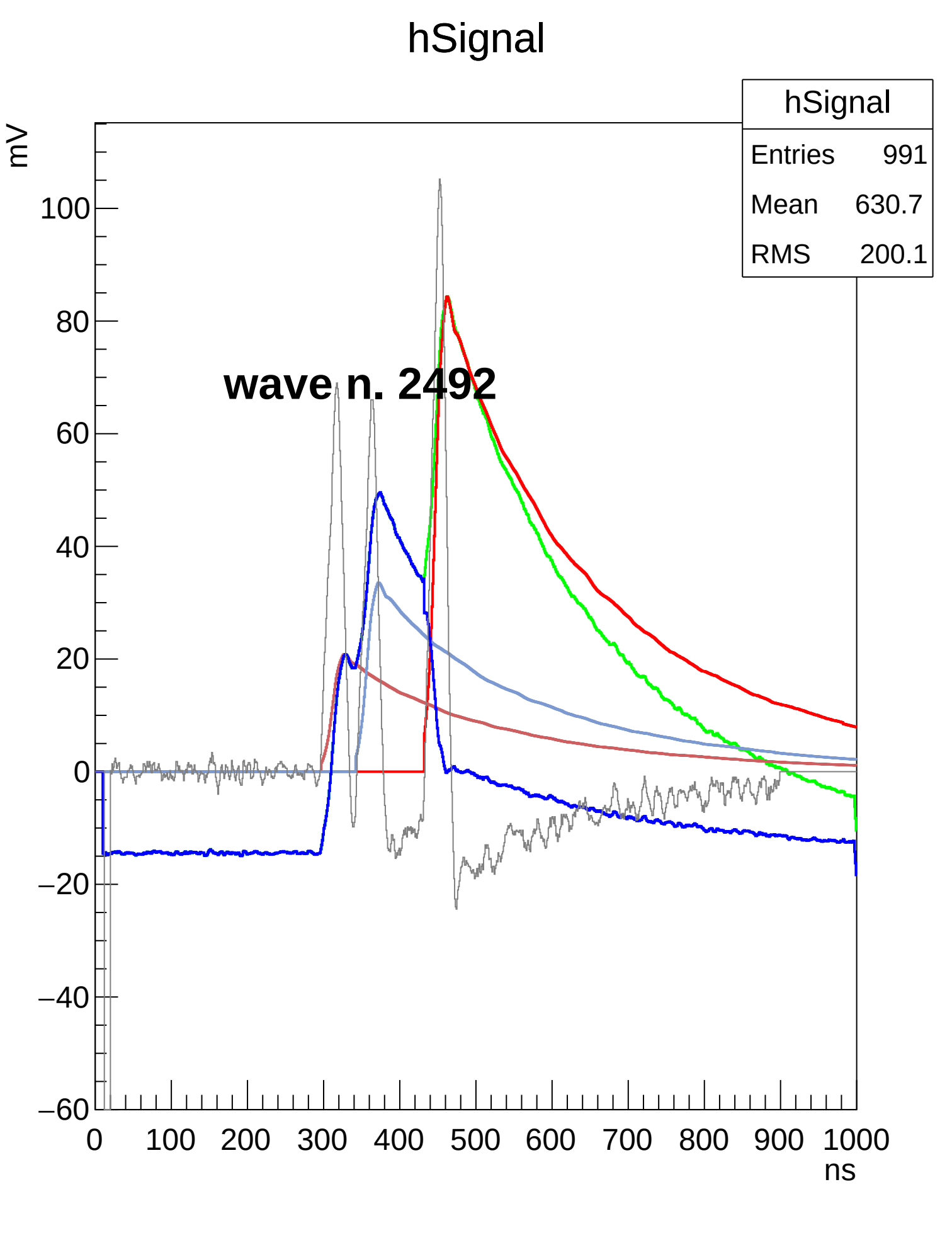
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 630.7
RMS 200.1
wave n. 2492
mV
100
80
60
40
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−20
−40
−60
0
100
200
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400
500
600
700
800
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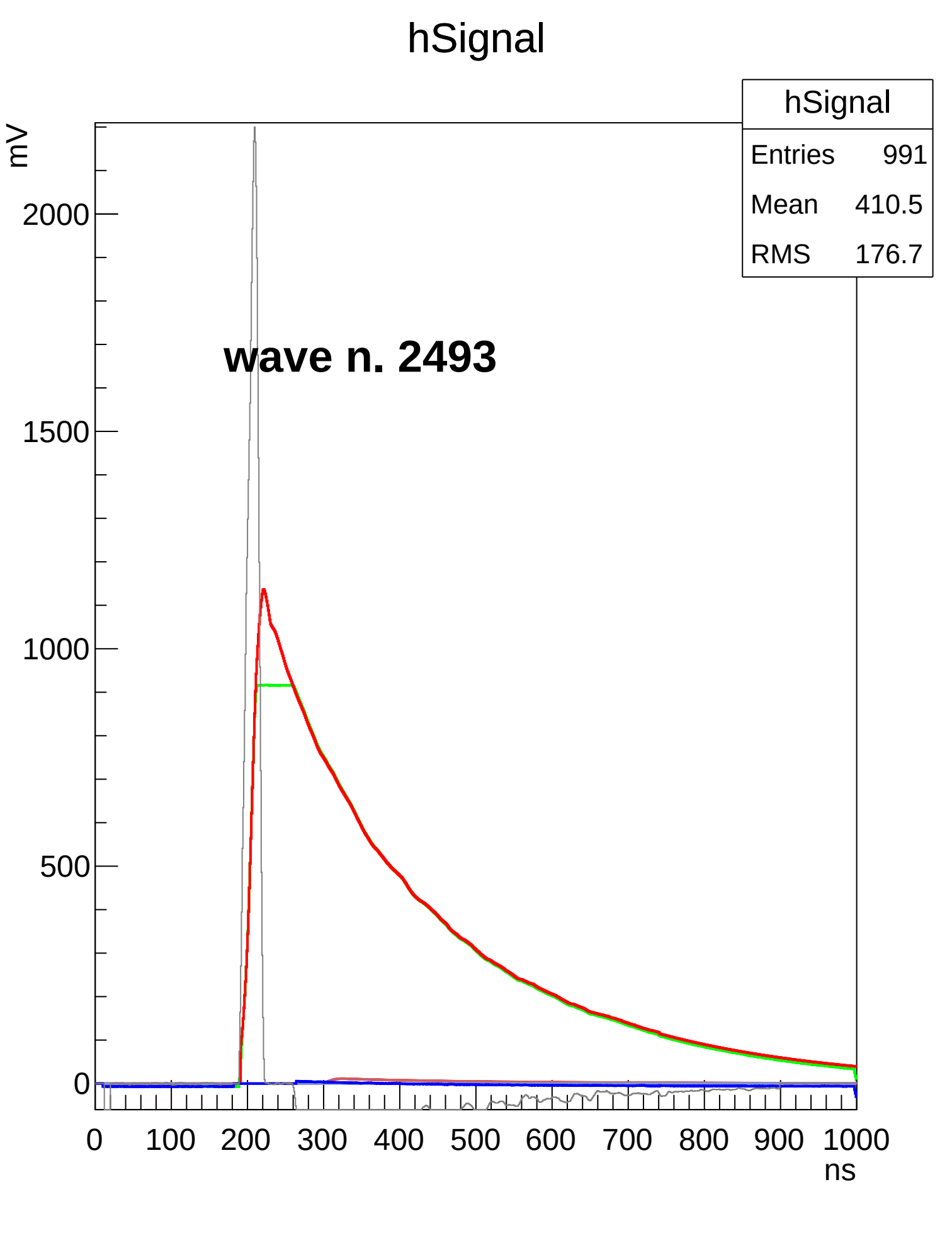
1000
ns


hSignal
hSignal
Entries 991
Mean 410.5
RMS 176.7
wave n. 2493
mV
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1500
1000
500
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0
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200
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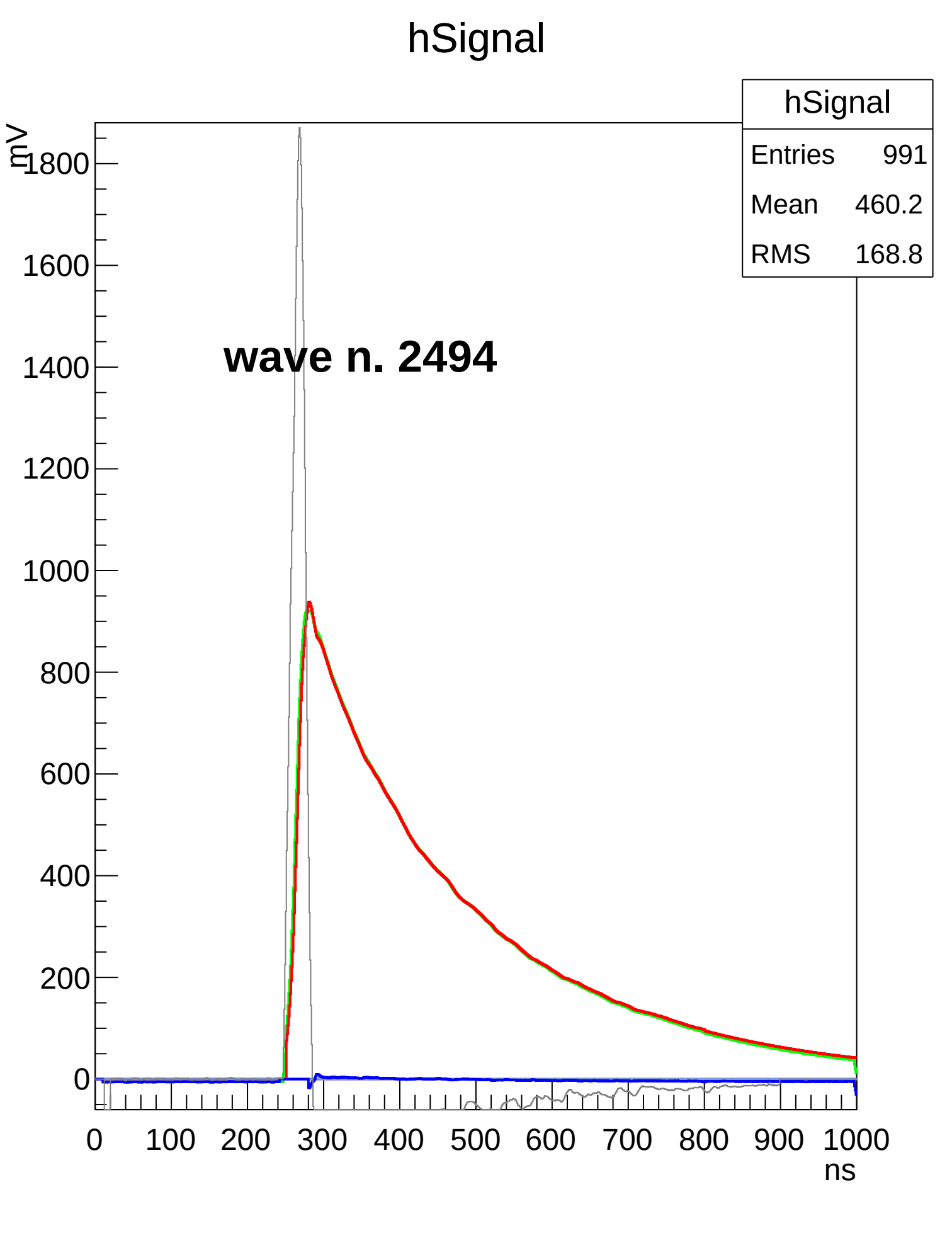
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 460.2
RMS 168.8
wave n. 2494
mV
1800
1600
1400
1200
1000
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600
400
200
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0
100
200
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400
500
600
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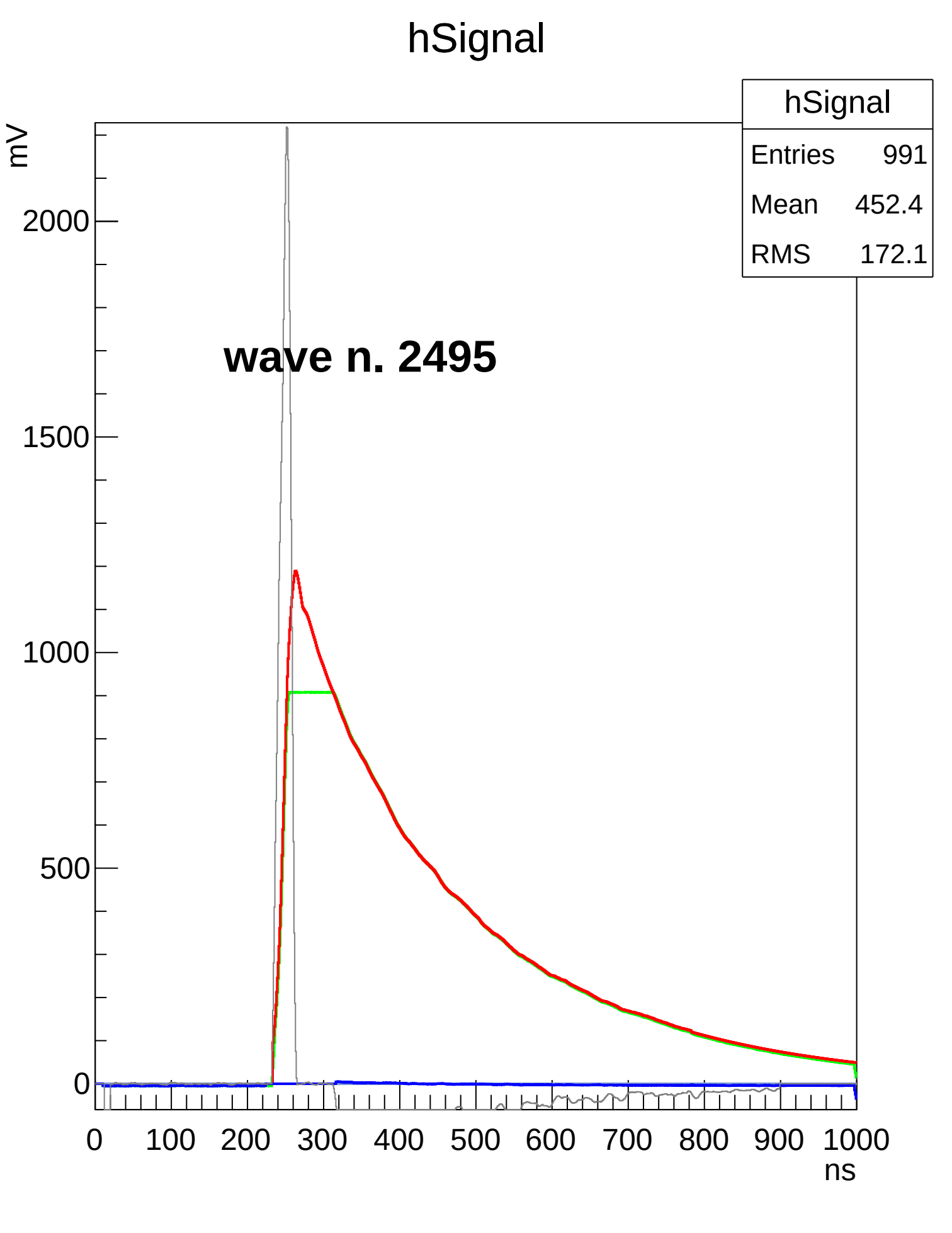
1000
ns


hSignal
hSignal
Entries 991
Mean 452.4
RMS 172.1
wave n. 2495
mV
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1500
1000
500
0
0
100
200
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400
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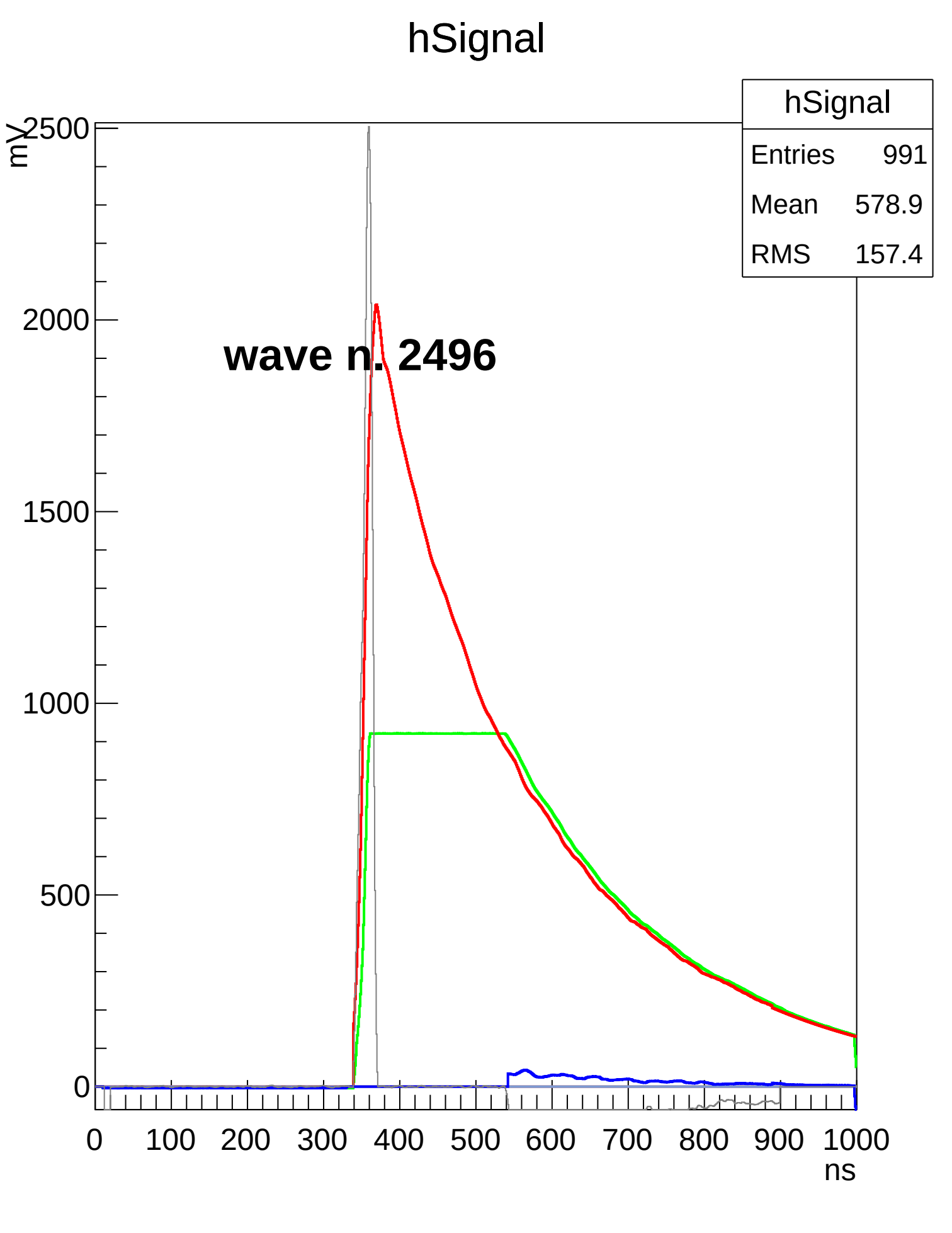
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578.9
RMS 157.4
wave n. 2496
mV
2500
2000
1500
1000
500
0
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100
200
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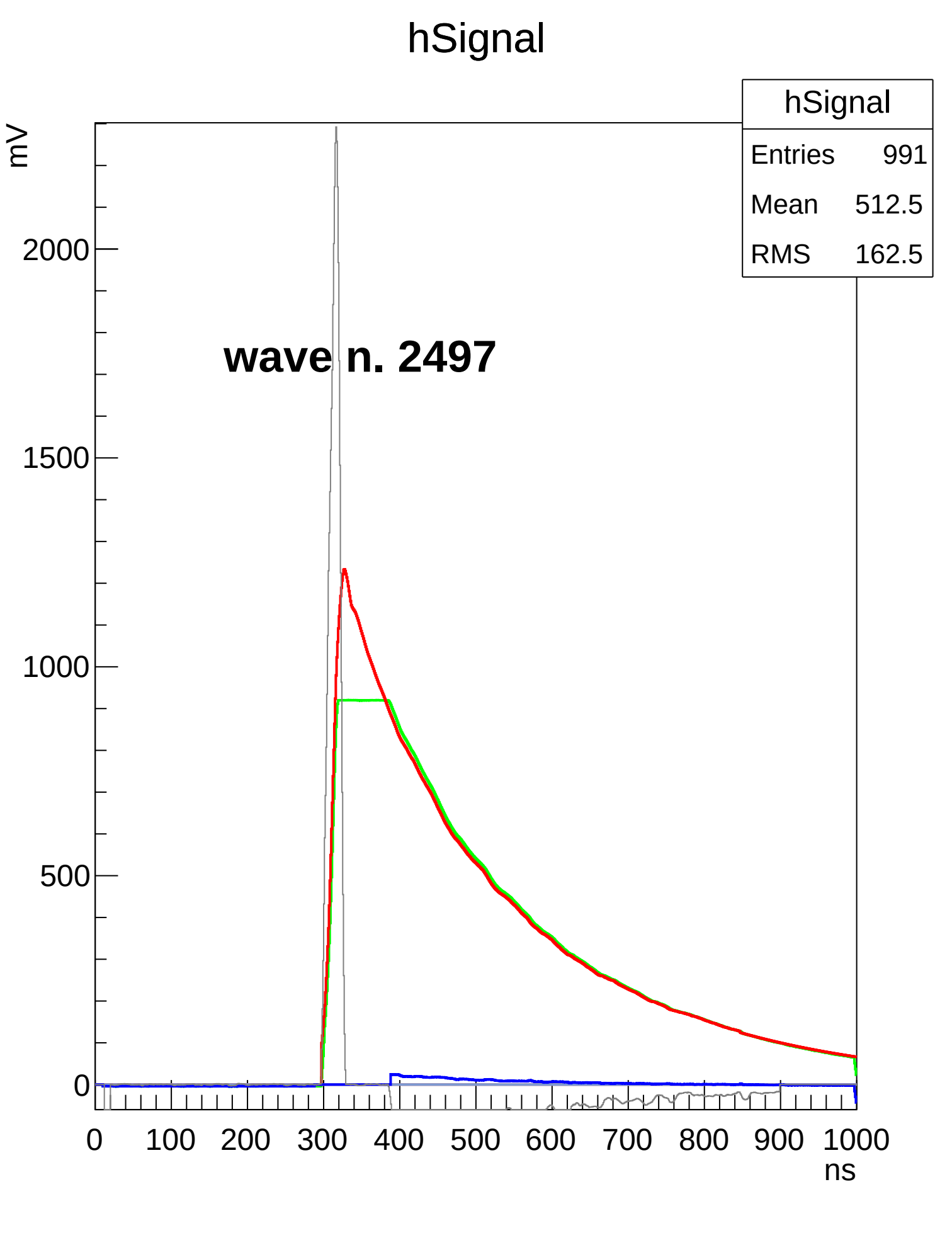
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.5
RMS 162.5
wave n. 2497
mV
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1500
1000
500
0
0
100
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400
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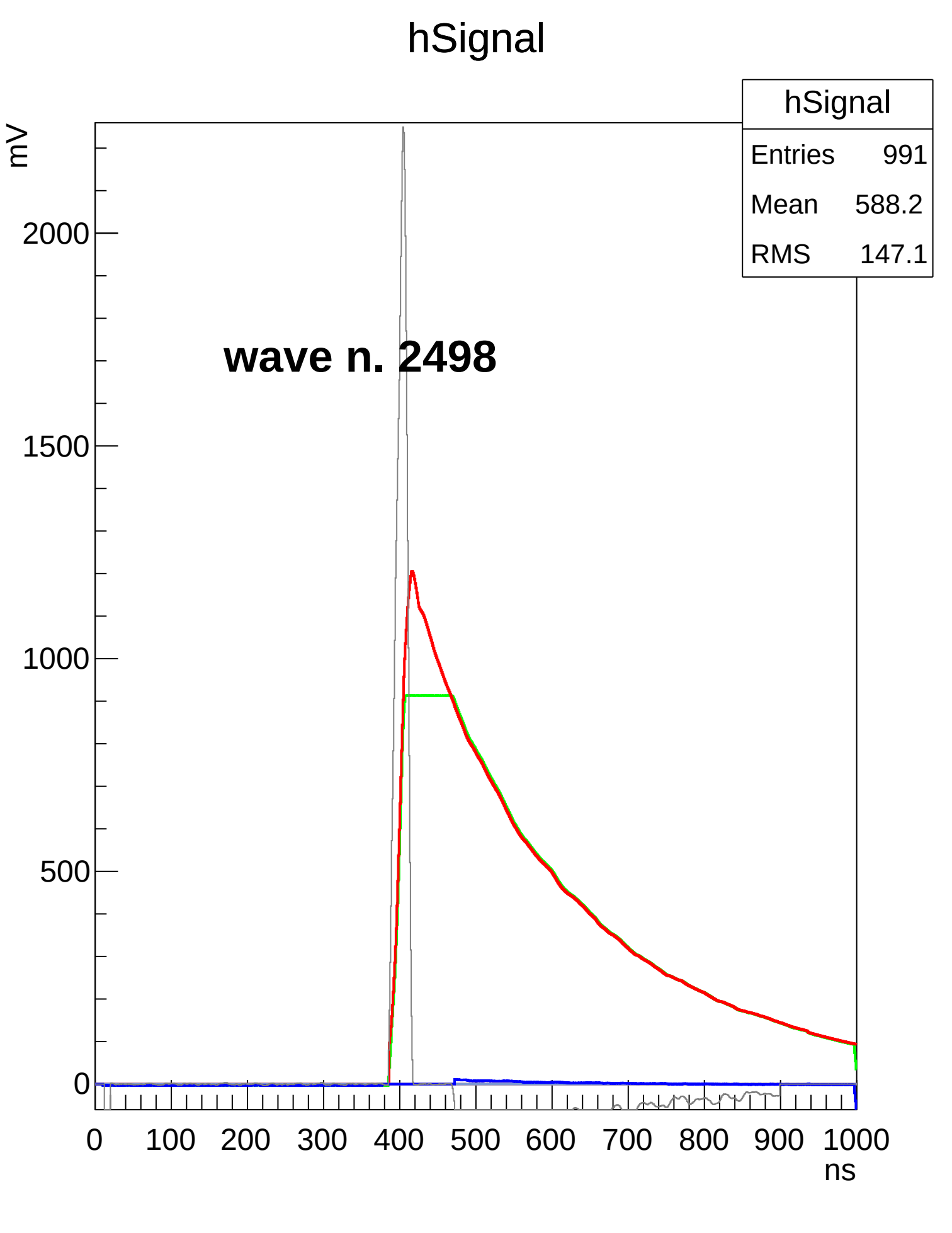
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 588.2
RMS 147.1
wave n. 2498
mV
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1000
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0
0
100
200
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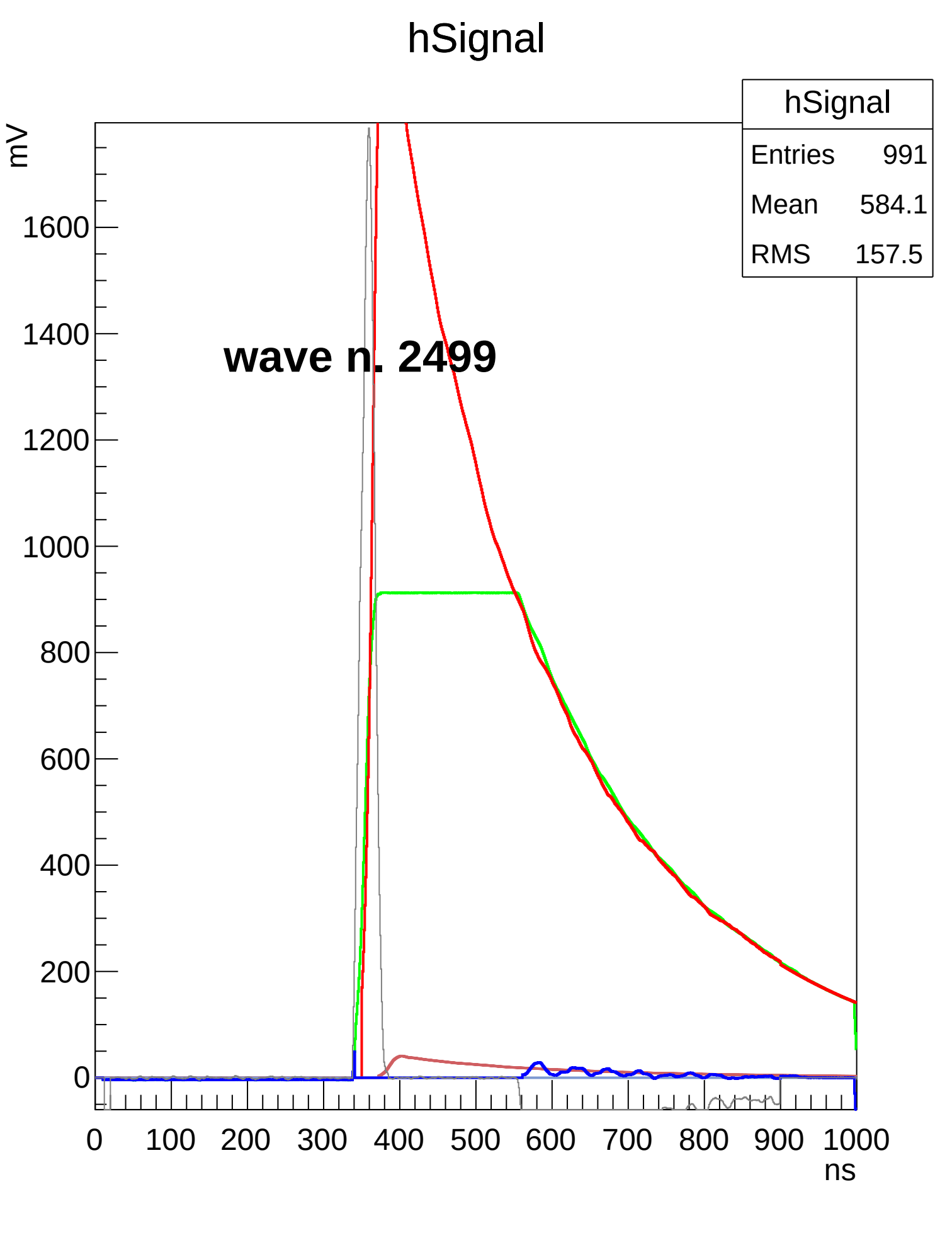
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 584.1
RMS 157.5
wave n. 2499
mV
1600
1400
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600
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200
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100
200
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400
500
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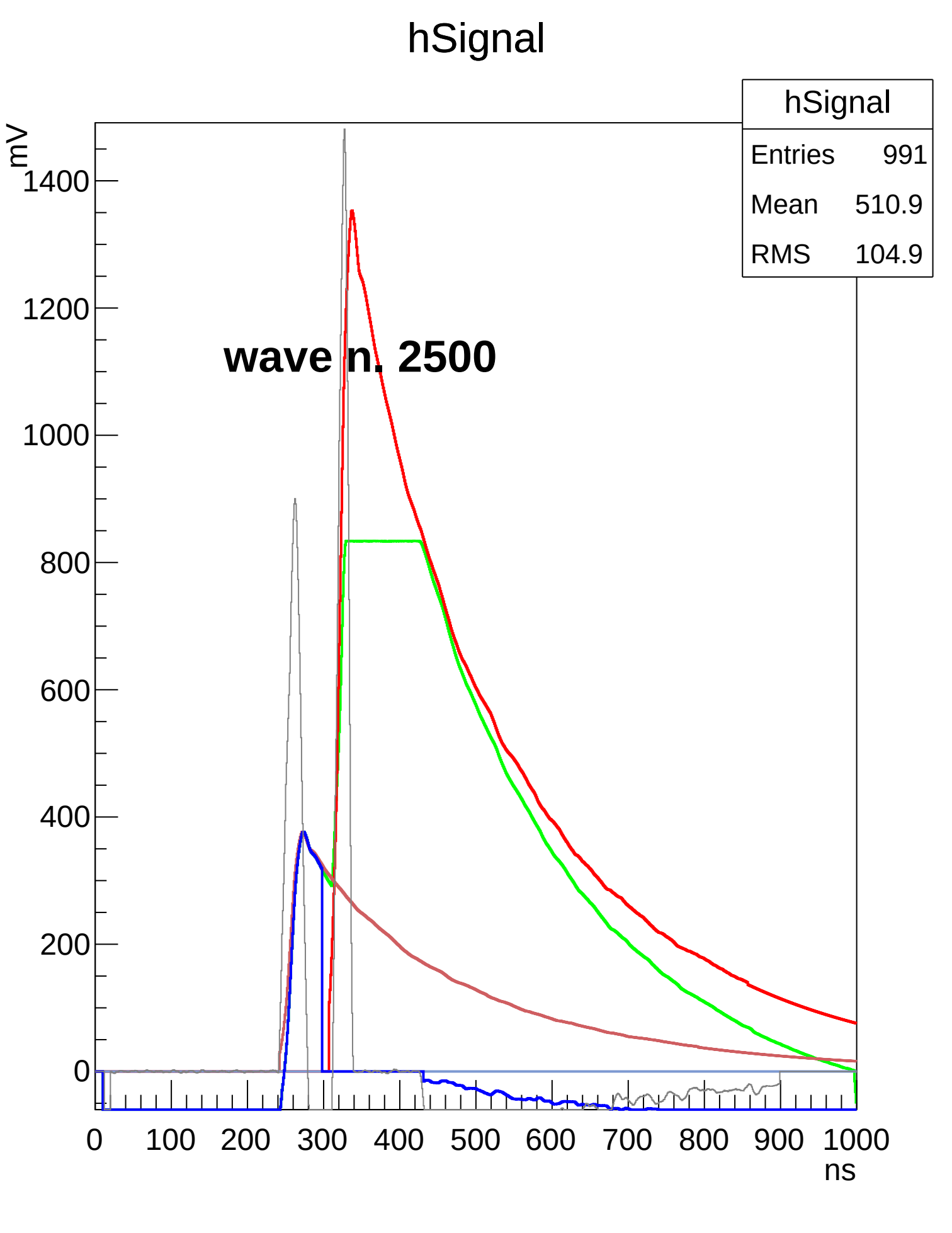
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.9
RMS 104.9
wave n. 2500
mV
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1200
1000
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600
400
200
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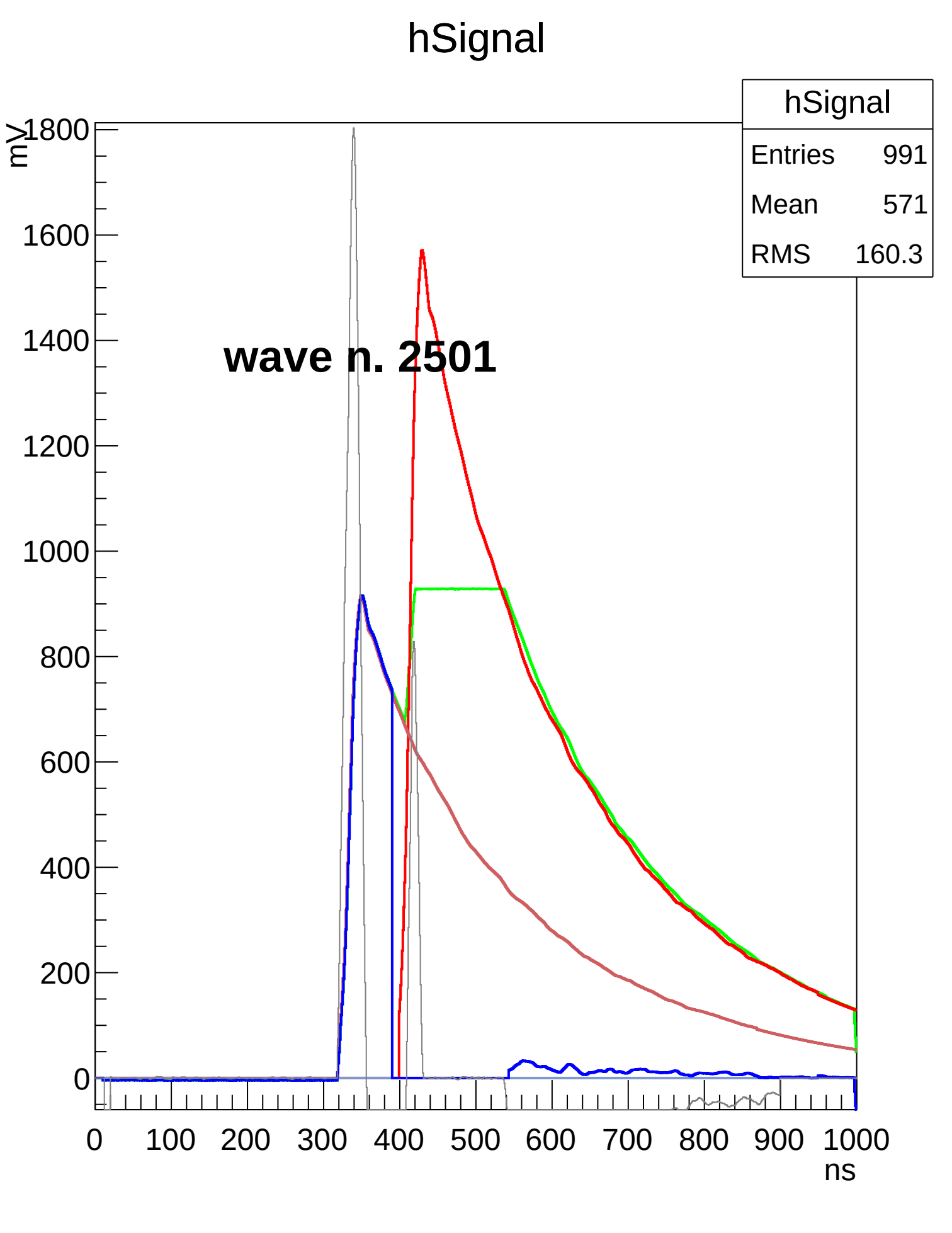
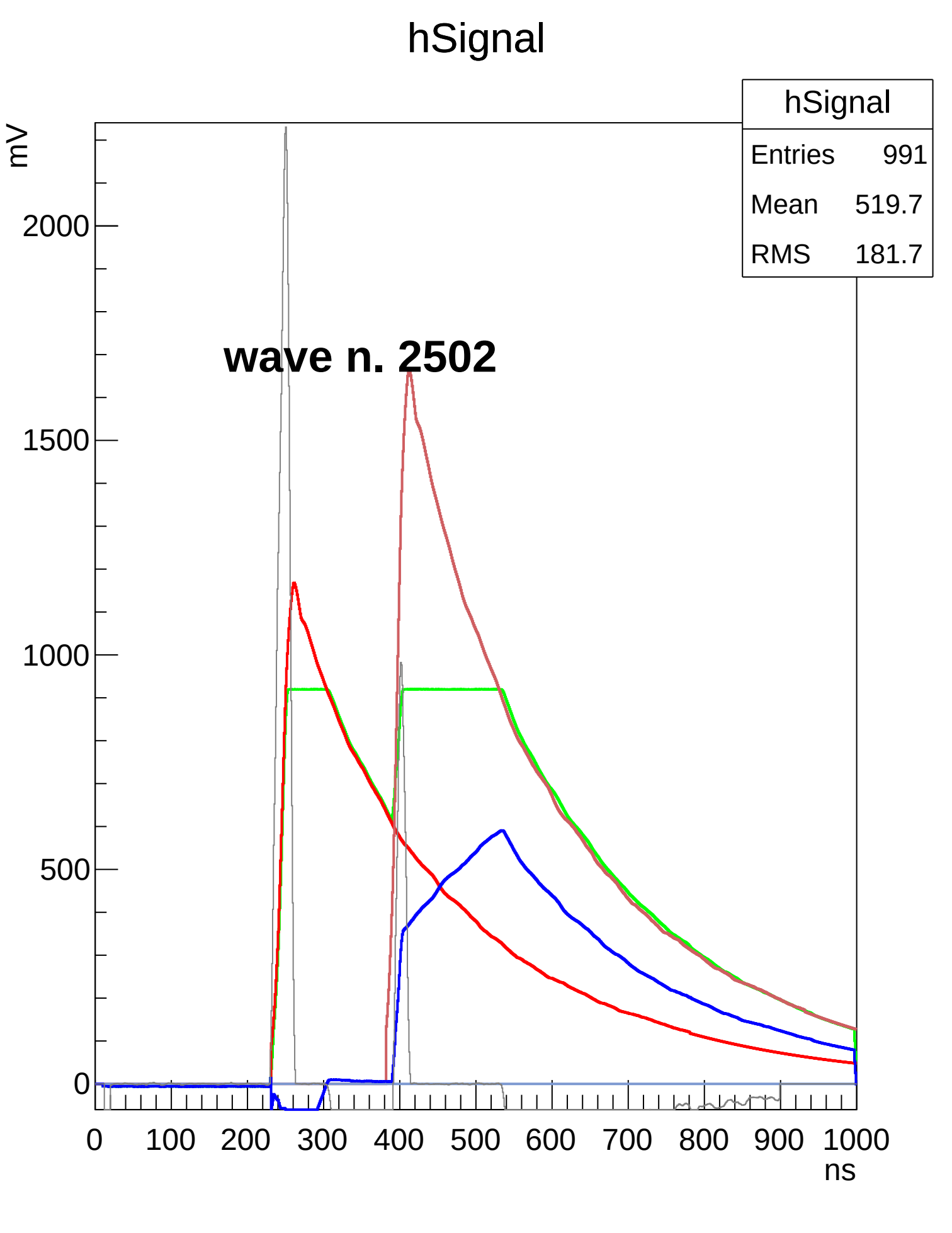
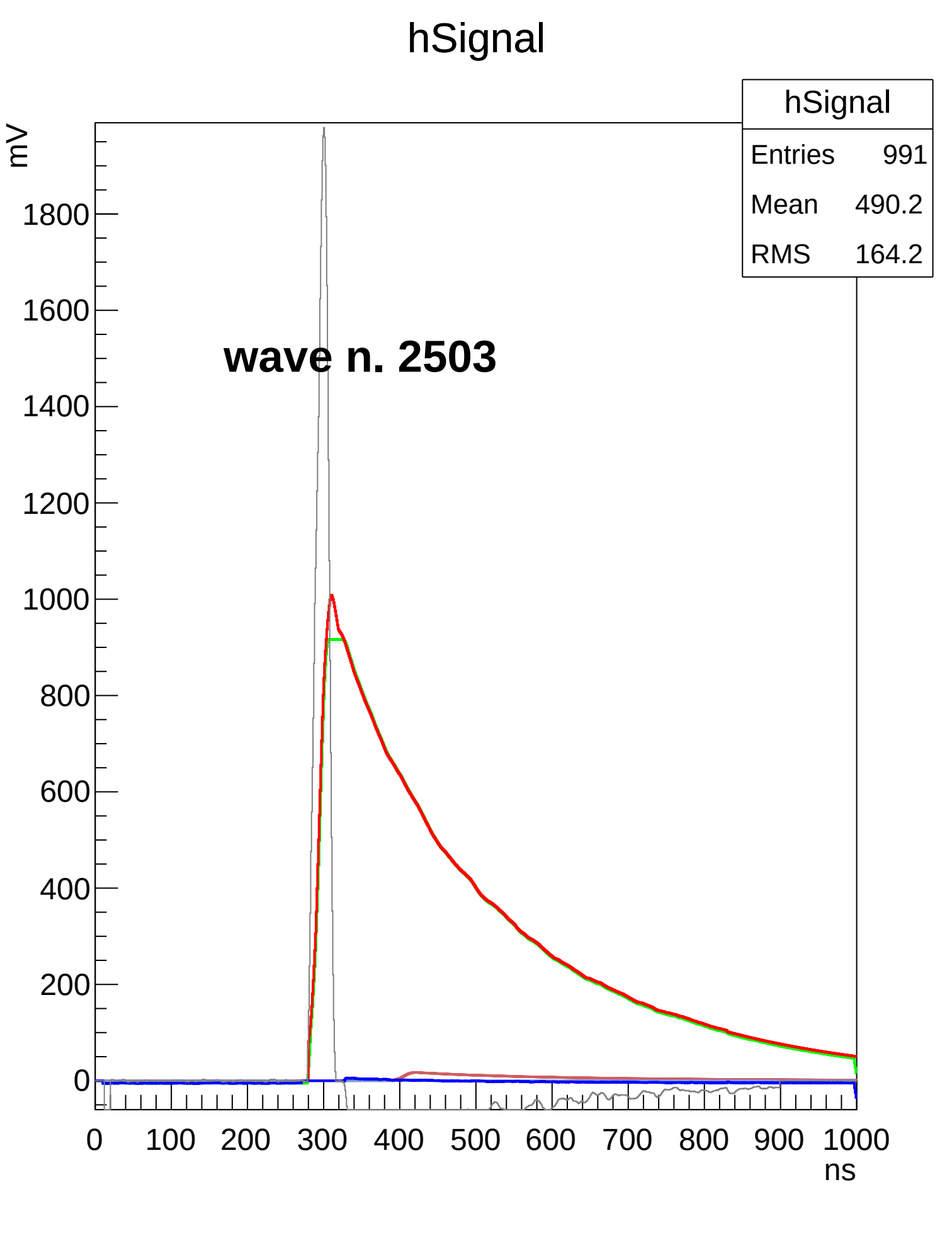
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 571
RMS 160.3
wave n. 2501
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 519.7
RMS 181.7
wave n. 2502
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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Entries 991
Mean 490.2
RMS 164.2
wave n. 2503
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
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400
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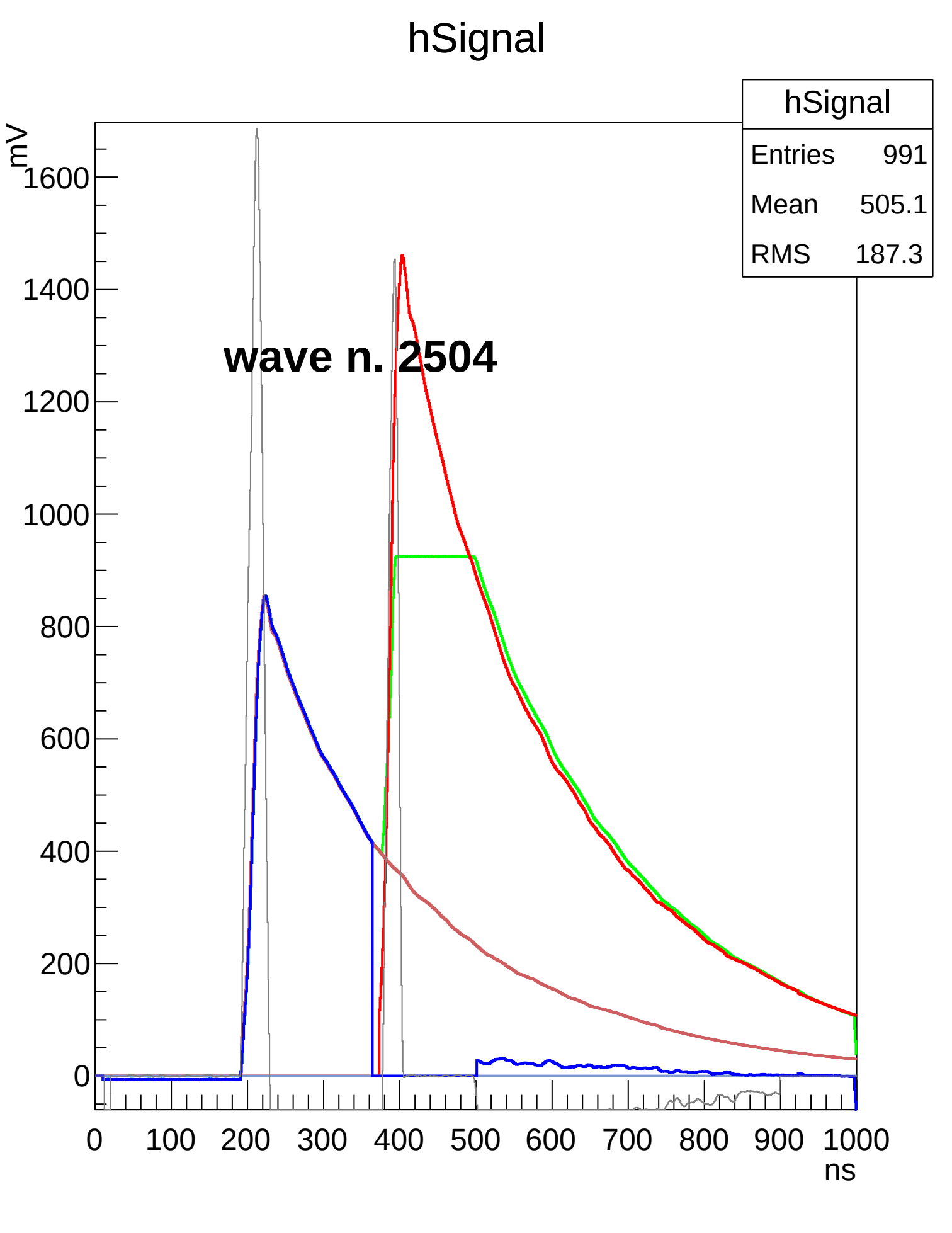
900
1000
ns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Entries 991
Mean 505.1
RMS 187.3
wave n. 2504
mV
1600
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0
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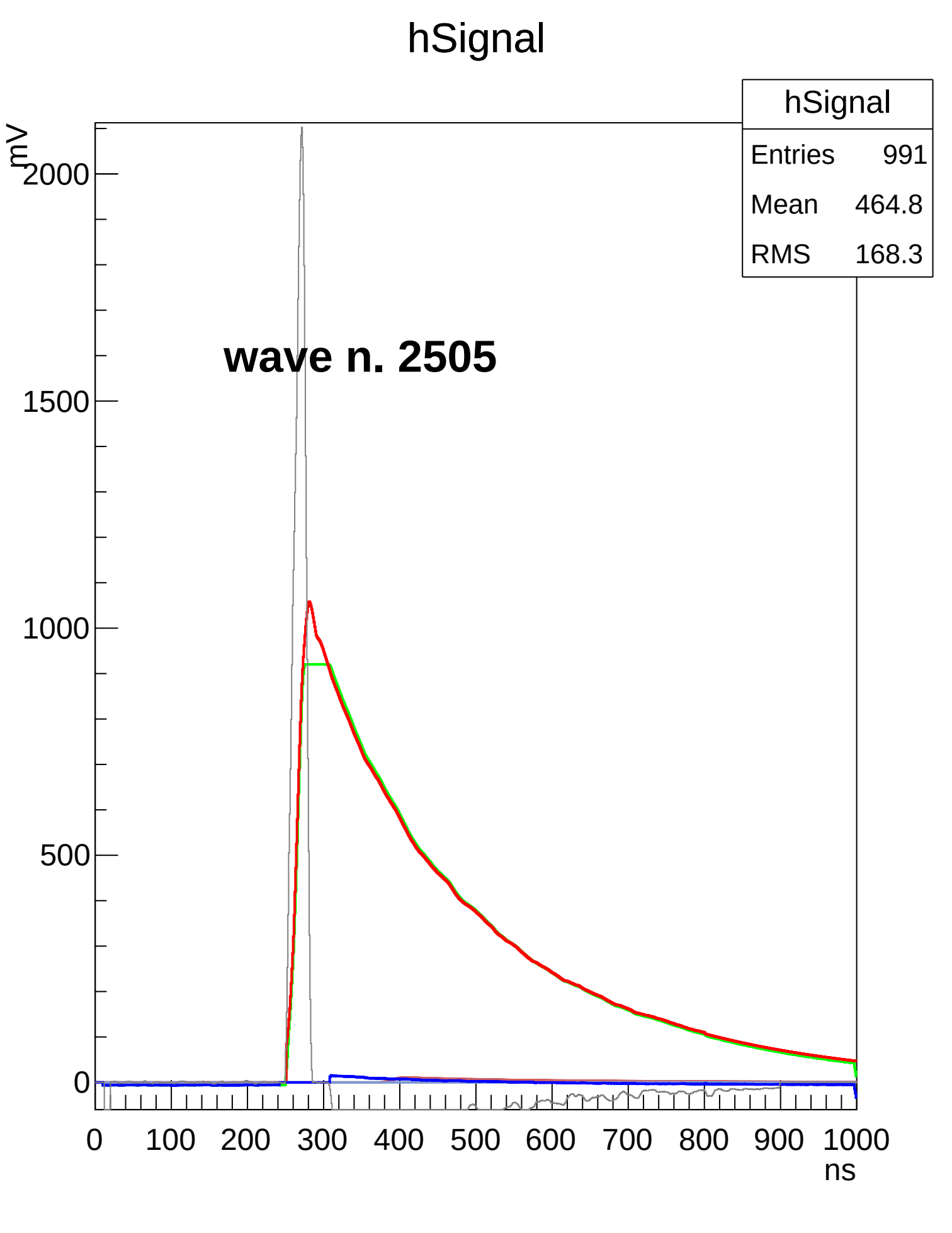
1000
ns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hSignal
Entries 991
Mean 464.8
RMS 168.3
wave n. 2505
mV
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1000
500
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0
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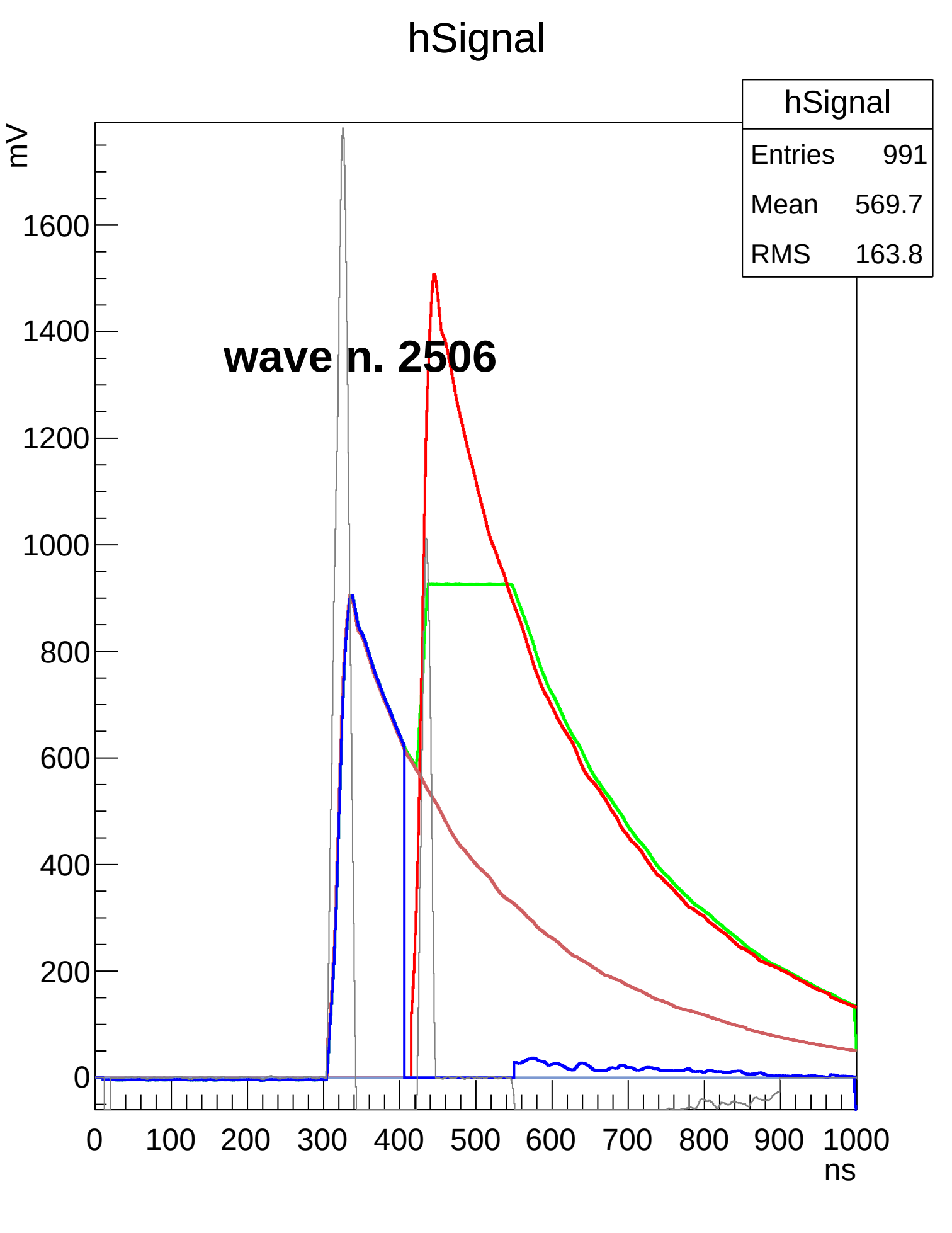
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 569.7
RMS 163.8
wave n. 2506
mV
1600
1400
1200
1000
800
600
400
200
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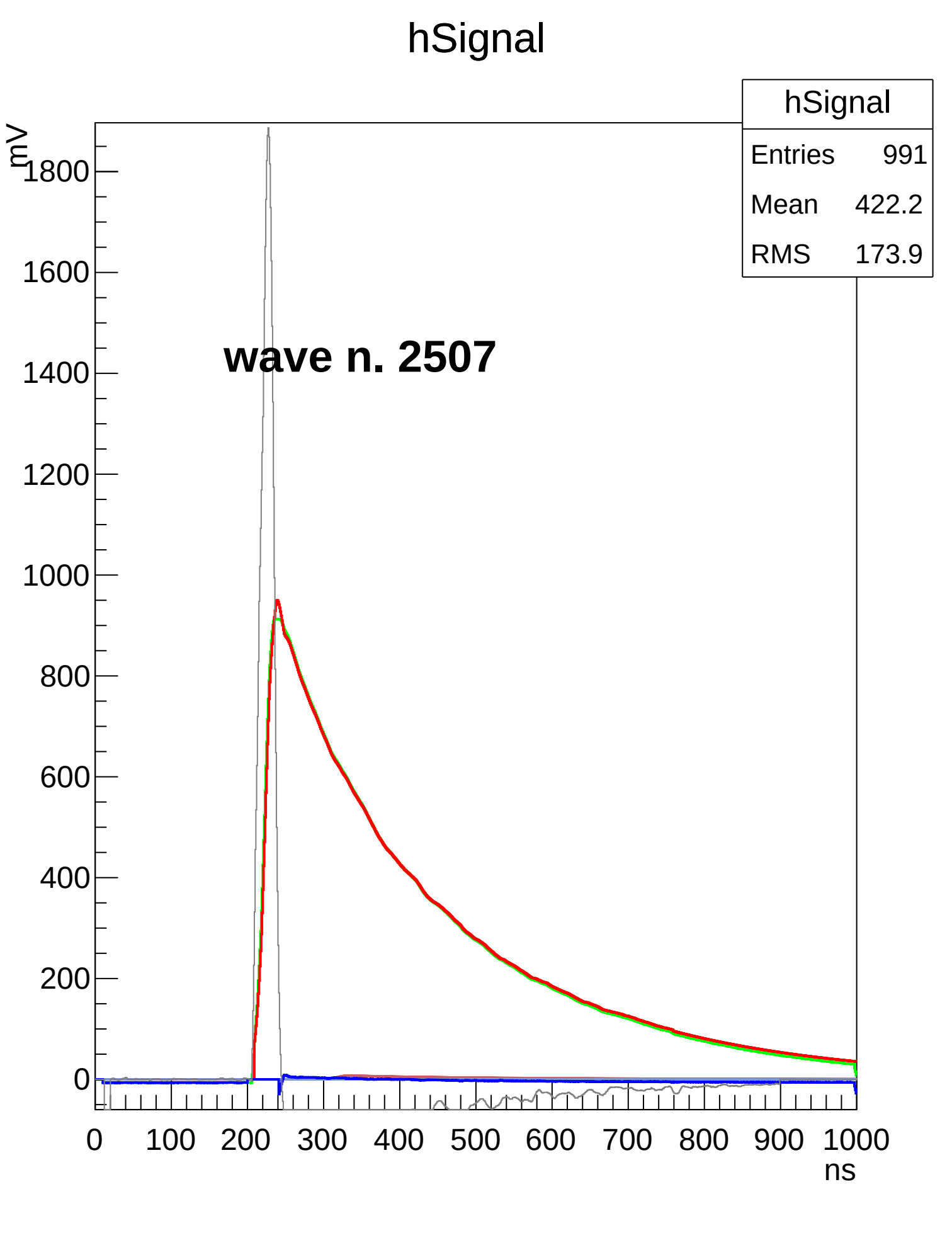
ns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hSignal
Entries 991
Mean 422.2
RMS 173.9
wave n. 2507
mV
1800
1600
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1000
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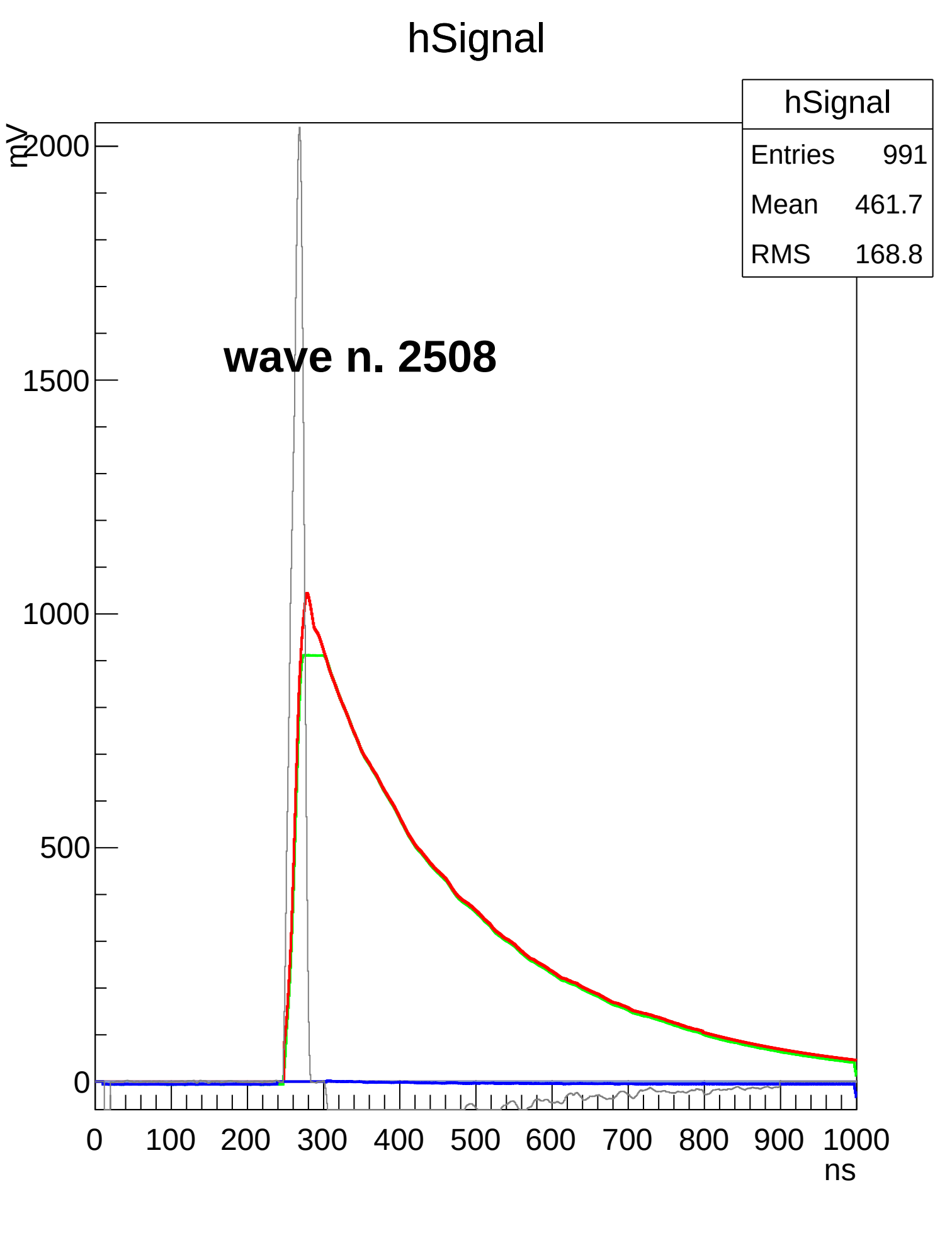
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 461.7
RMS 168.8
wave n. 2508
mV
2000
1500
1000
500
0
0
100
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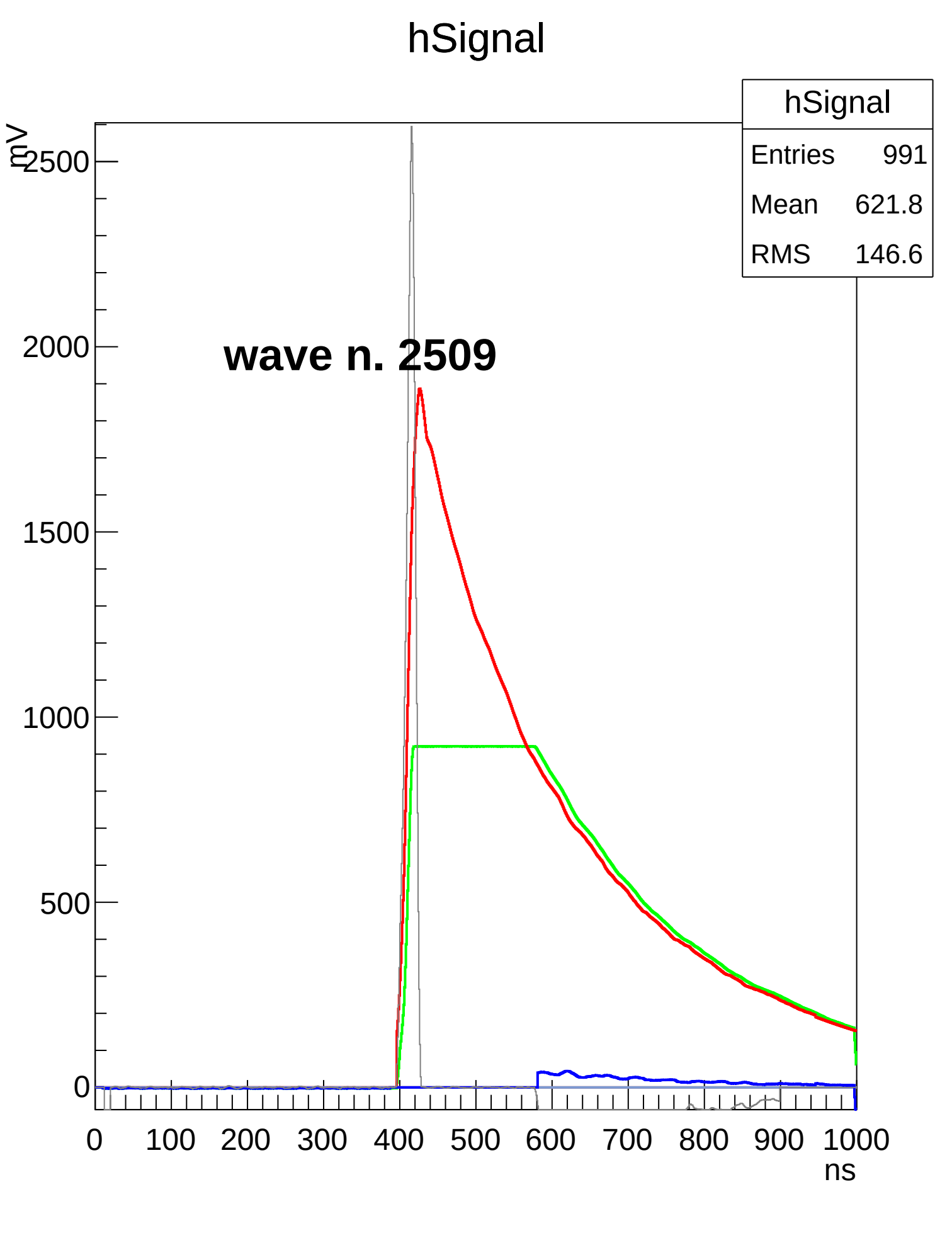
800
900
1000
ns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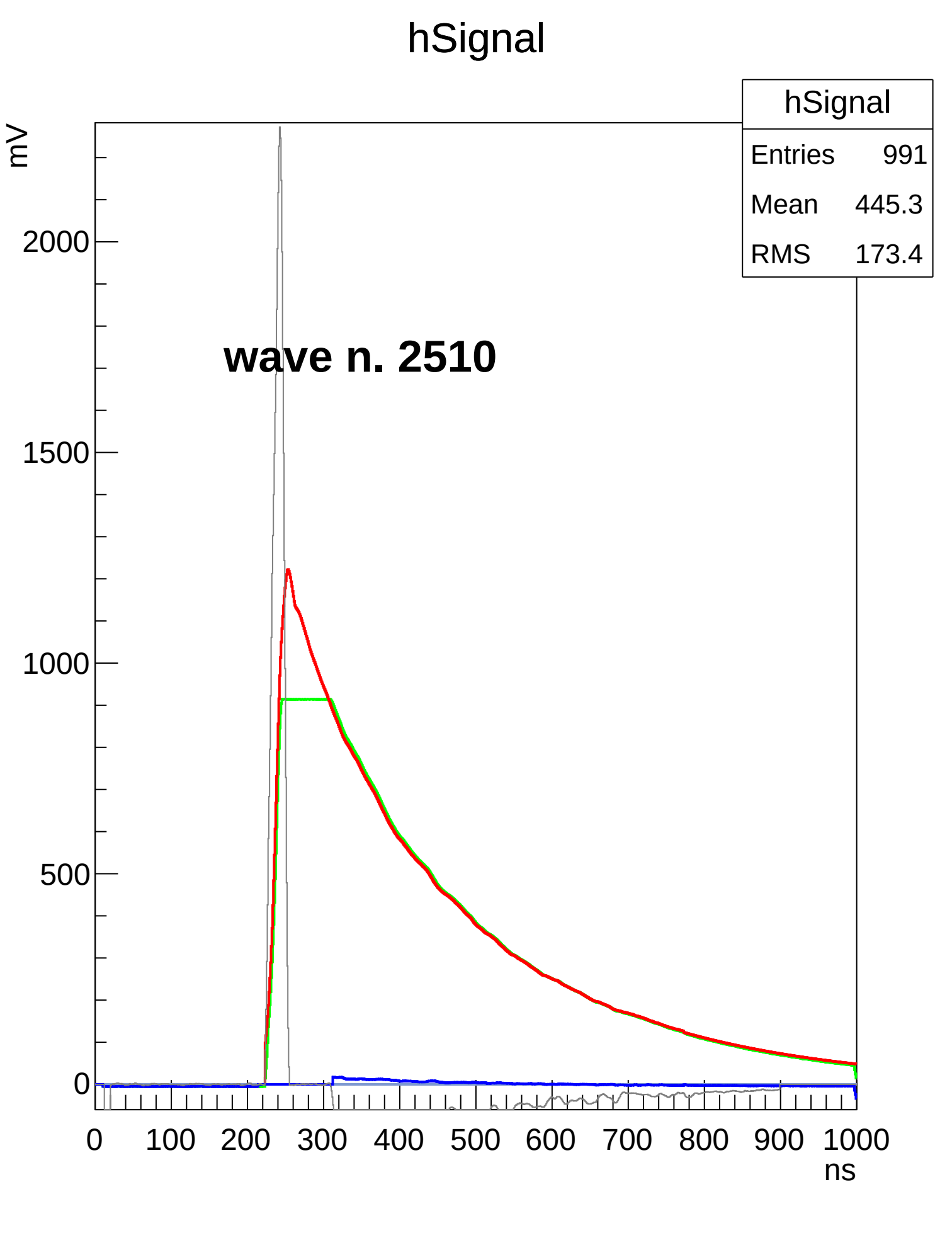
hSignal
Entries 991
Mean 621.8
RMS 146.6
wave n. 2509
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 445.3
RMS 173.4
wave n. 2510
mV
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1500
1000
500
0
0
100
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400
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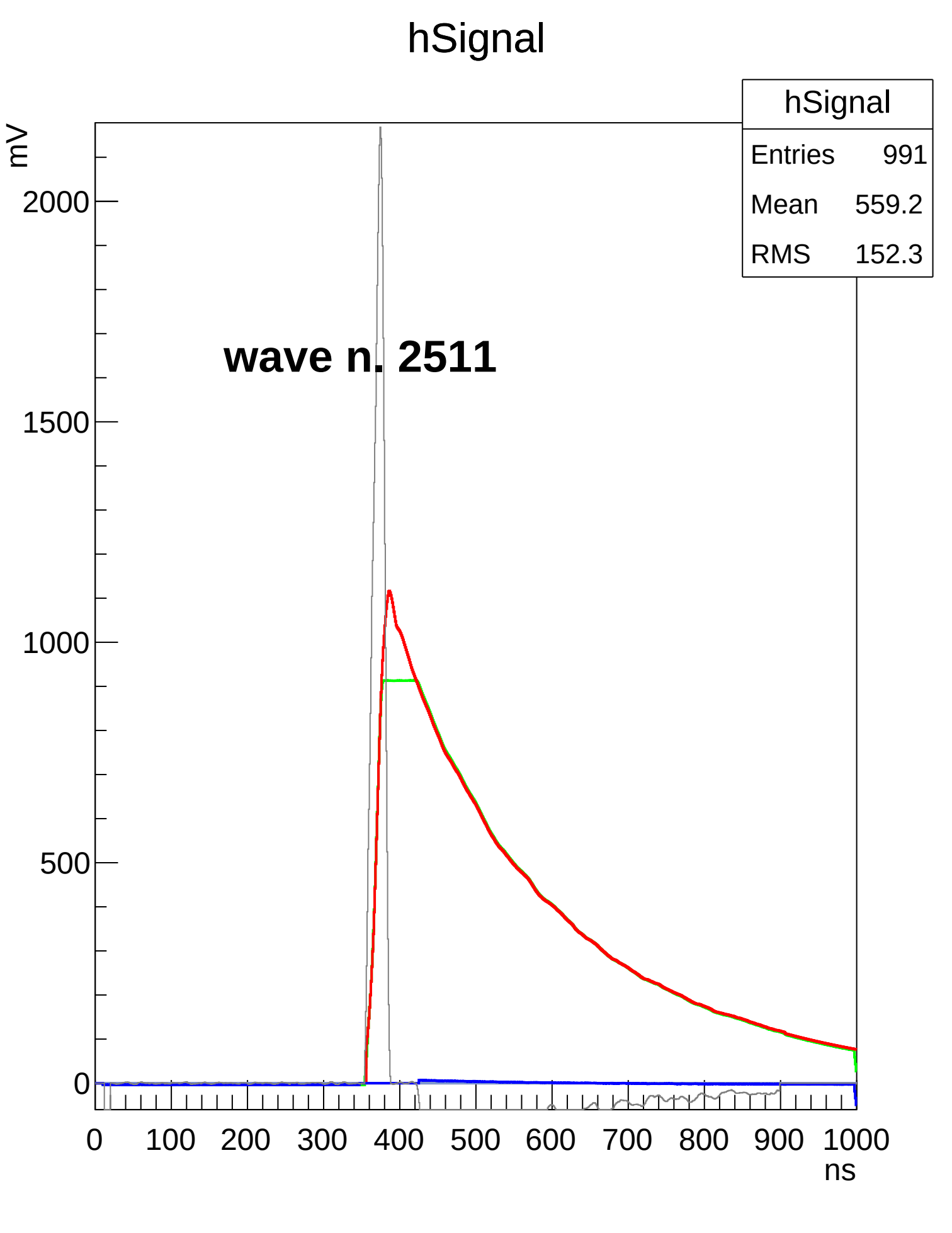
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 559.2
RMS 152.3
wave n. 2511
mV
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1500
1000
500
0
0
100
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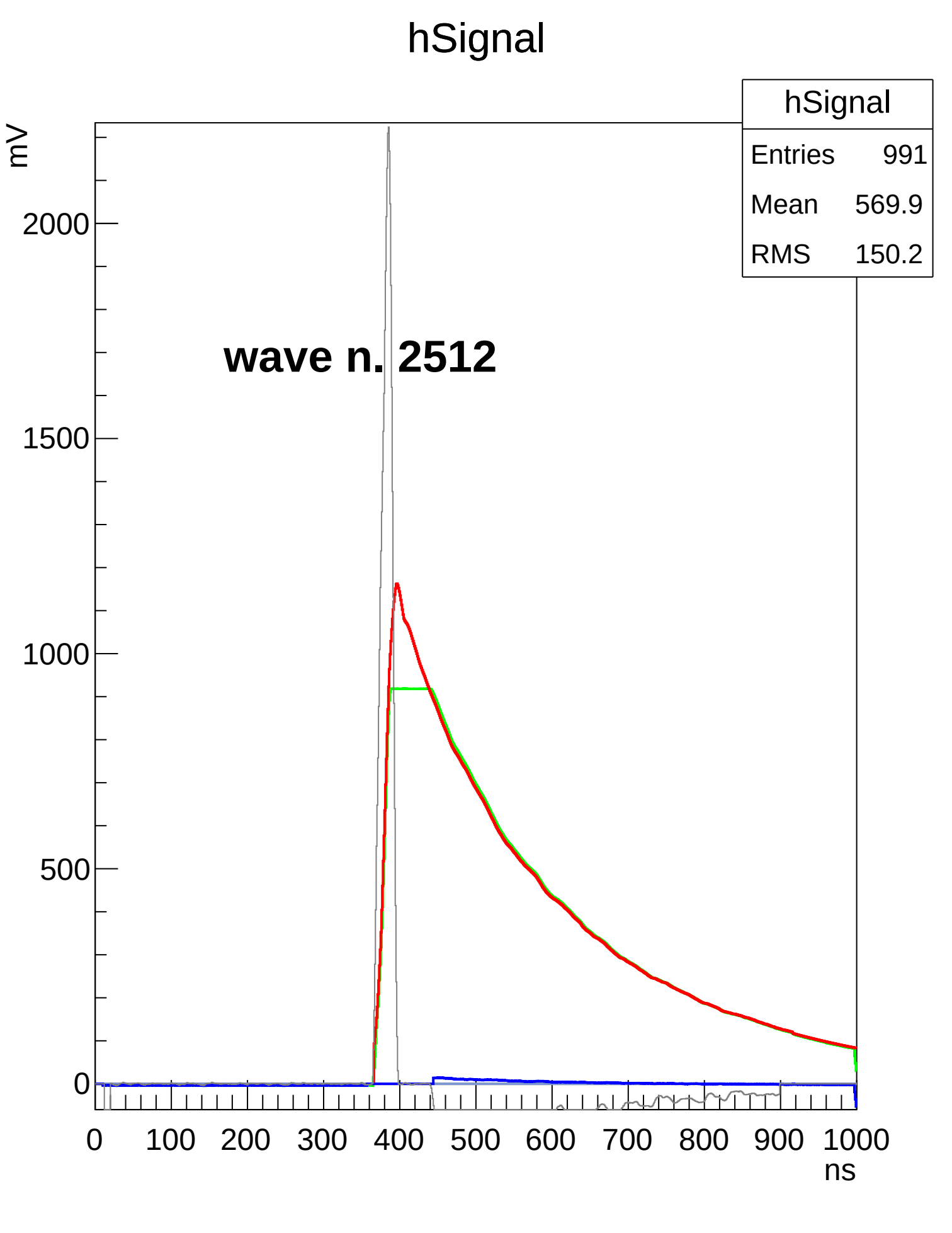
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 569.9
RMS 150.2
wave n. 2512
mV
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1500
1000
500
0
0
100
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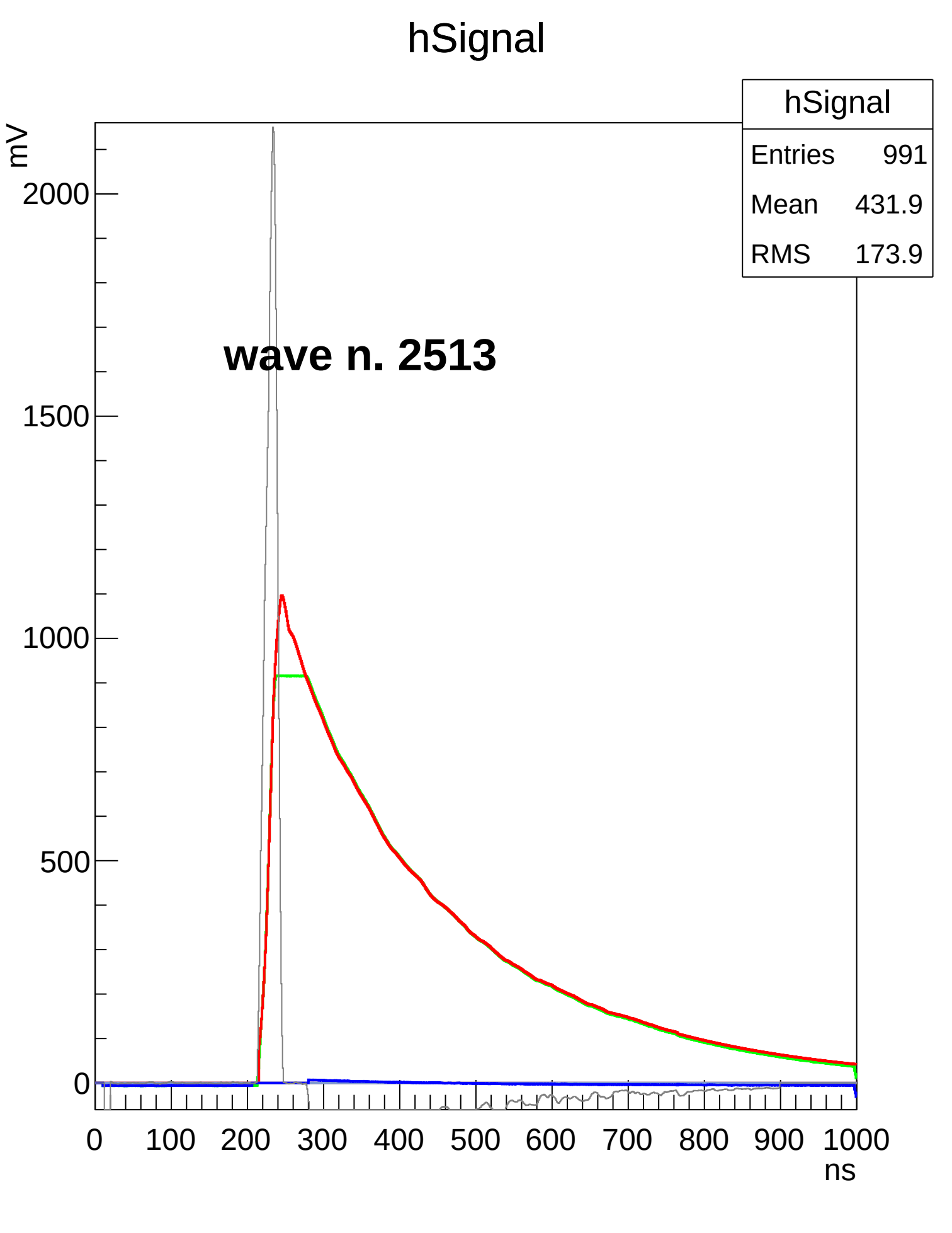
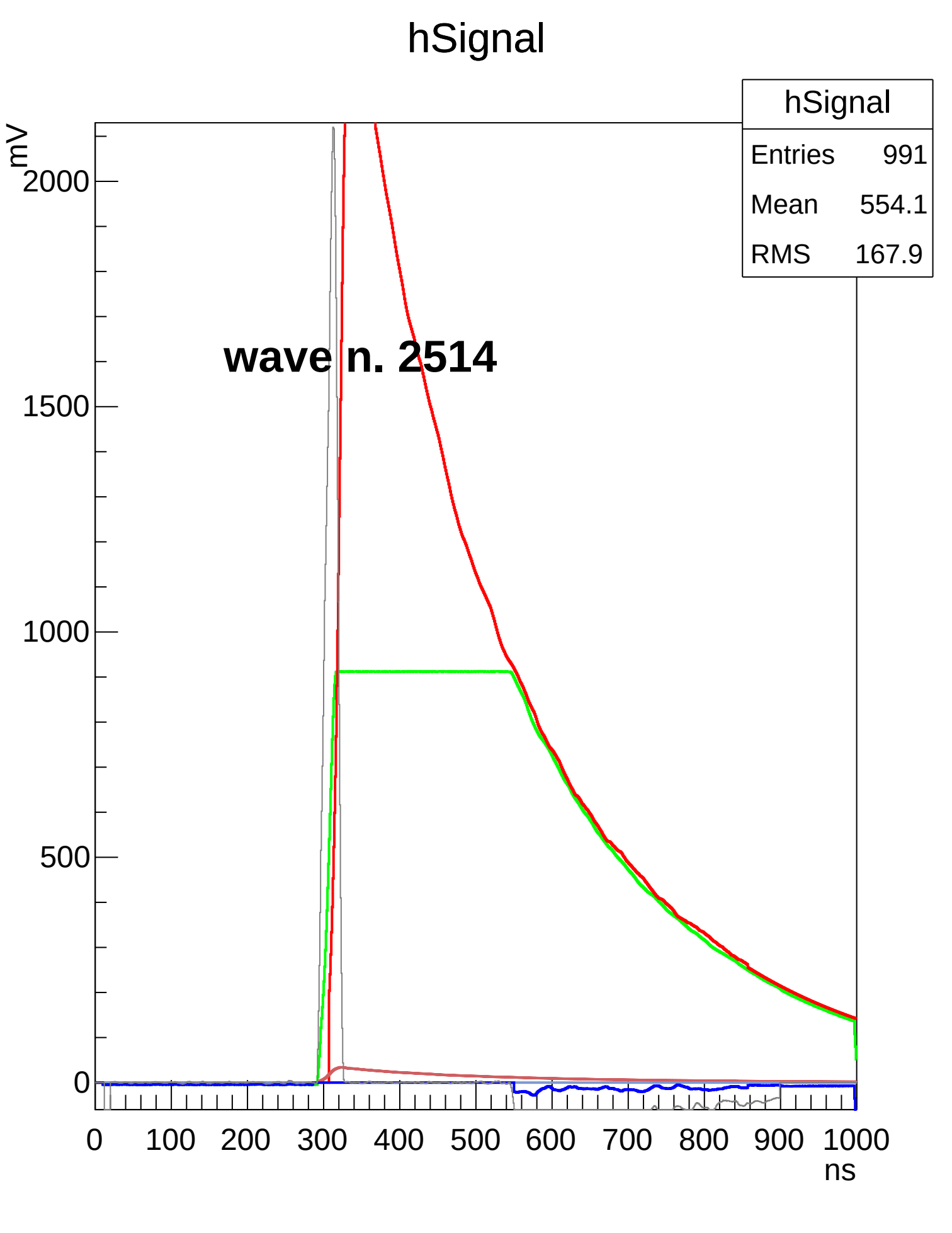
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 431.9
RMS 173.9
wave n. 2513
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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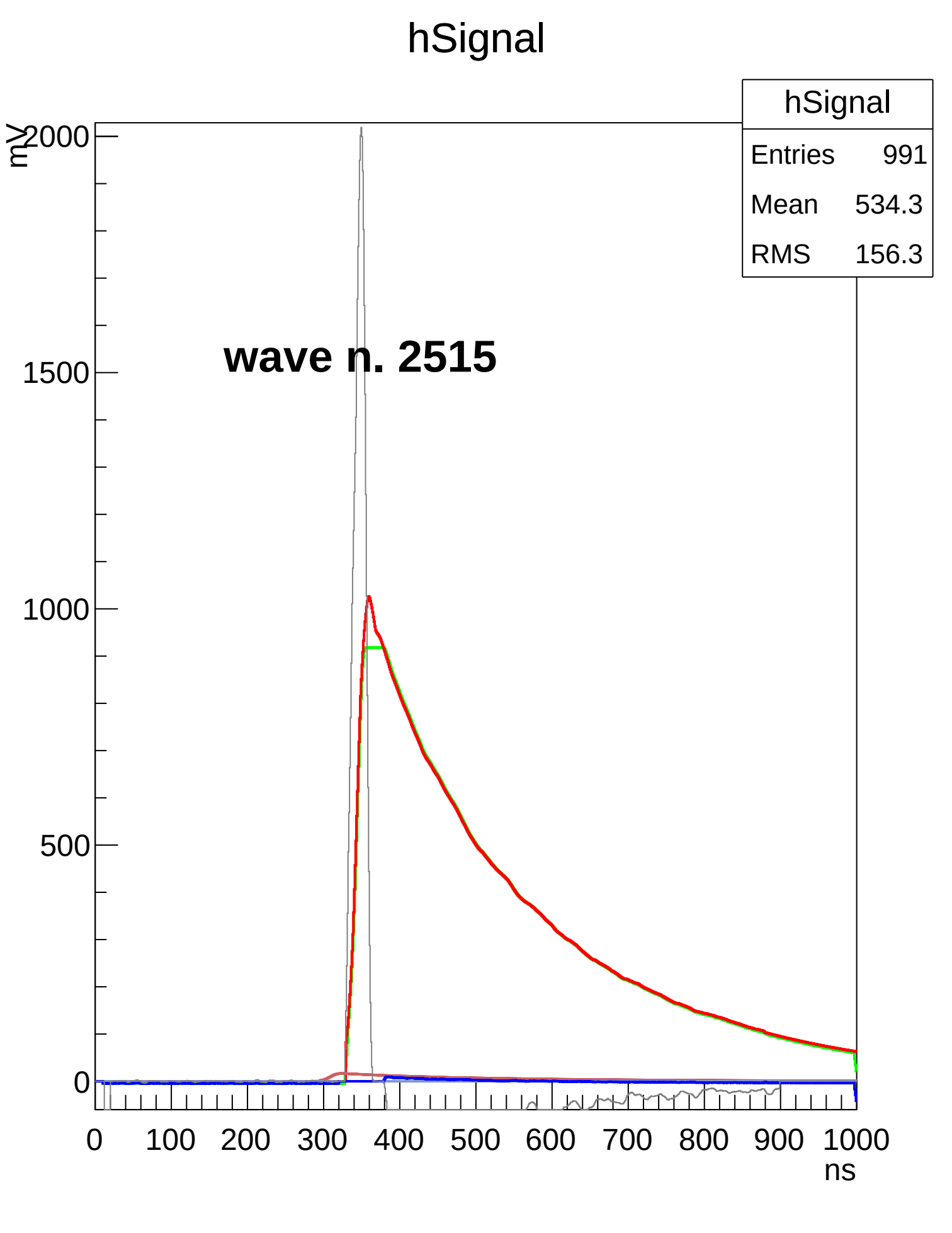
hSignal
Entries 991
Mean 554.1
RMS 167.9
wave n. 2514
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 534.3
RMS 156.3
wave n. 2515
mV
2000
1500
1000
500
0
0
100
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800
900
1000
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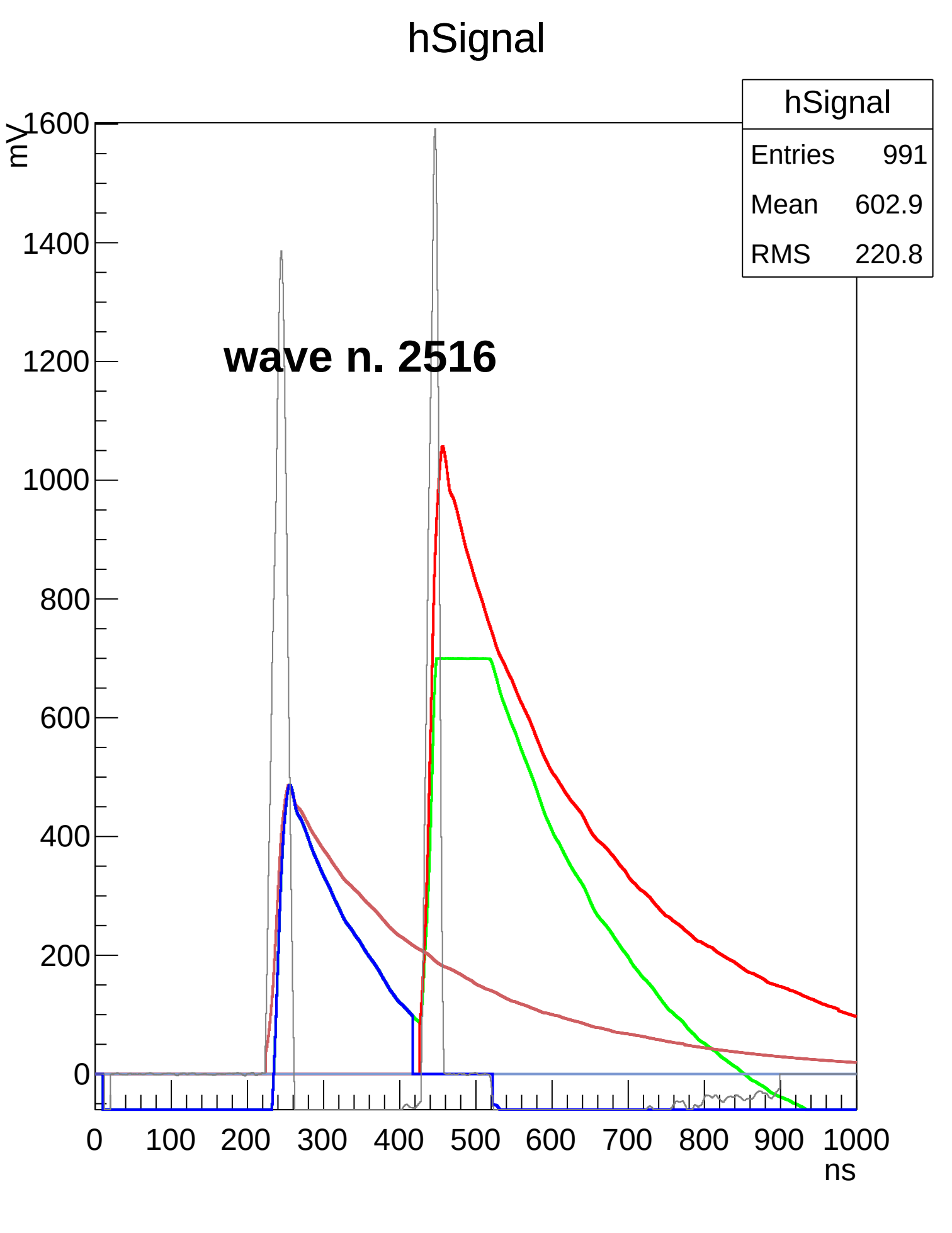
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Entries 991
Mean 602.9
RMS 220.8
wave n. 2516
mV
1600
1400
1200
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600
400
200
0
0
100
200
300
400
500
600
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800
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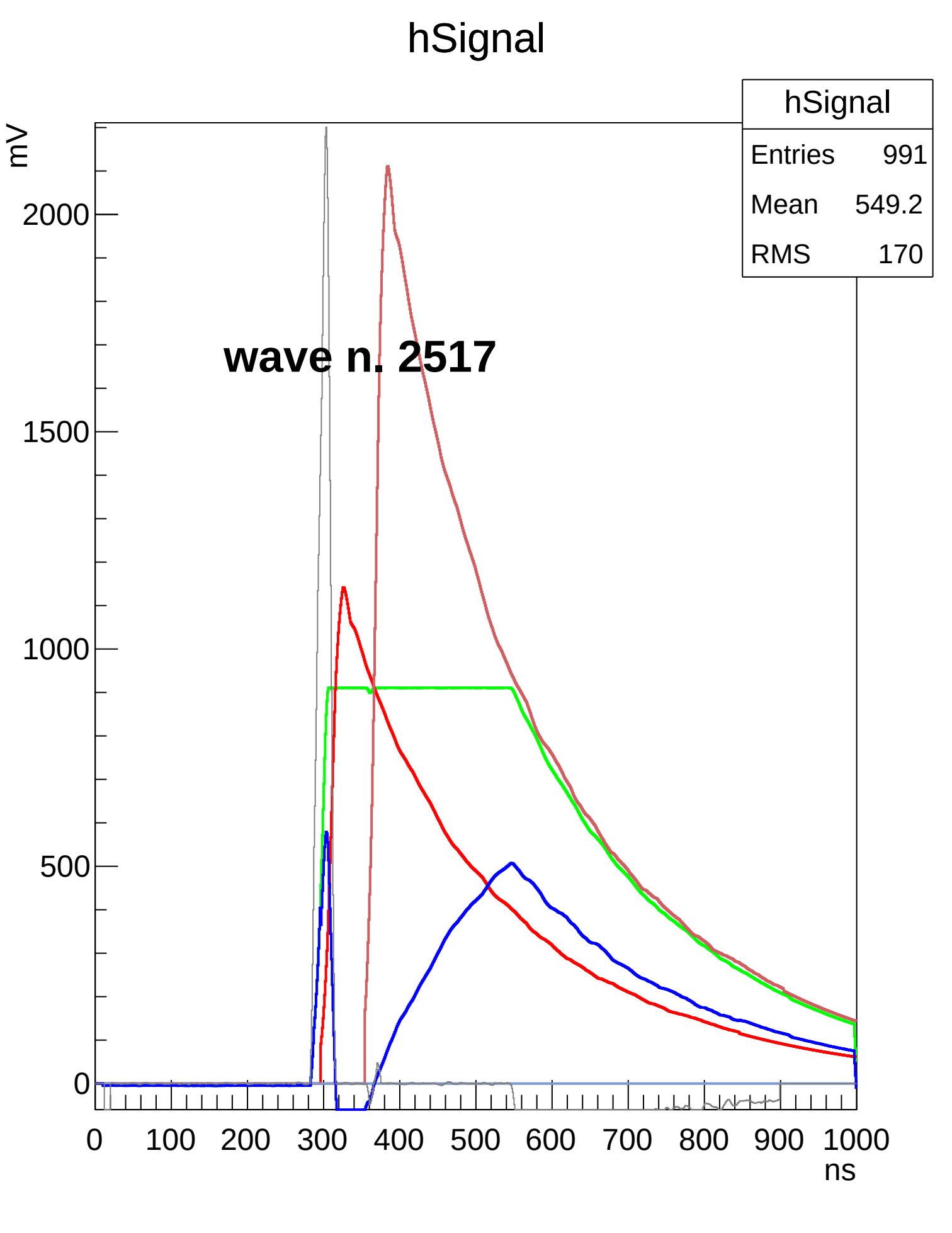
1000
ns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hSignal
Entries 991
Mean 549.2
RMS 170
wave n. 2517
mV
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1000
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0
100
200
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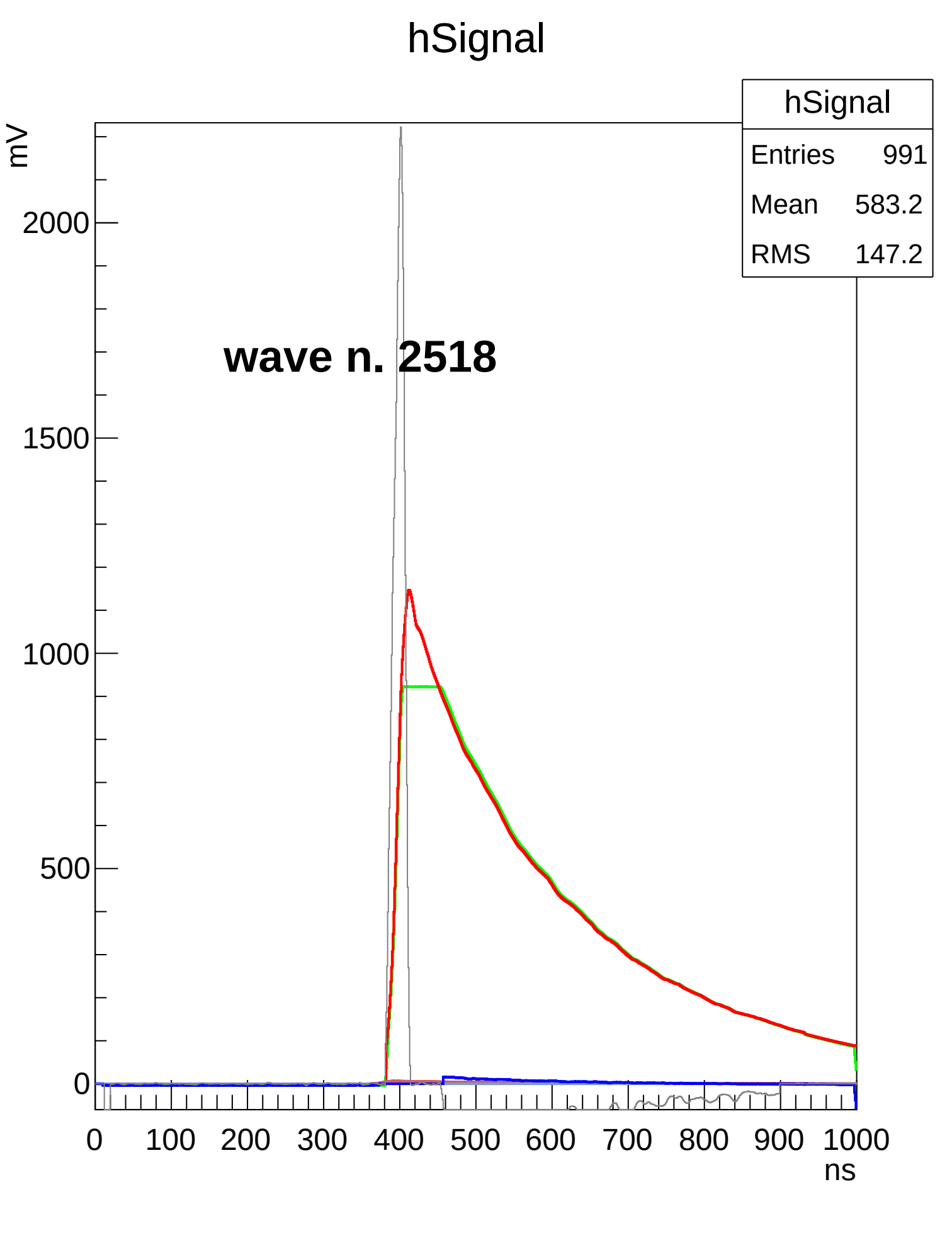
800
900
1000
ns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hSignal
Entries 991
Mean 583.2
RMS 147.2
wave n. 2518
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1000
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800
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1000
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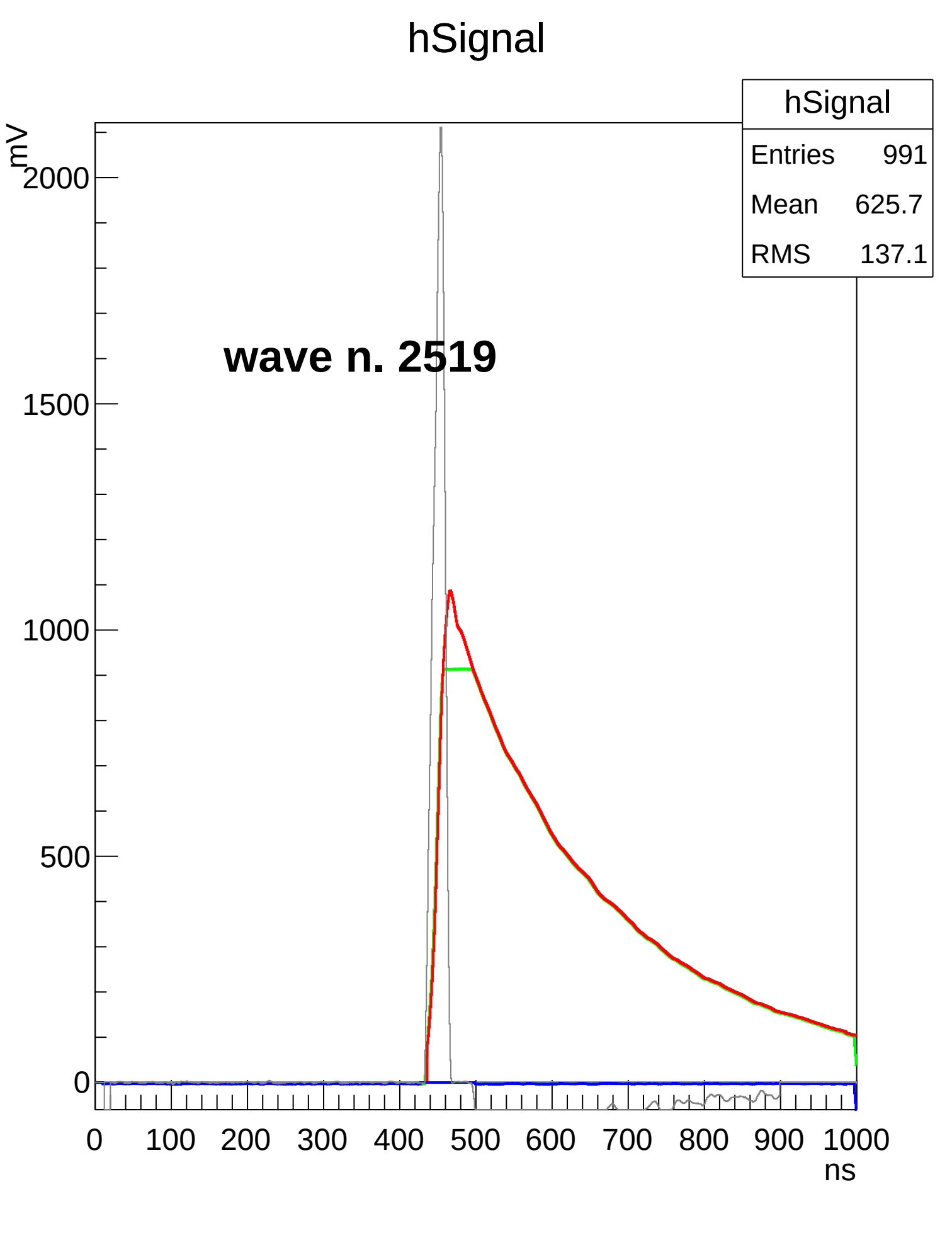
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hSignal
Entries 991
Mean 625.7
RMS 137.1
wave n. 2519
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1000
500
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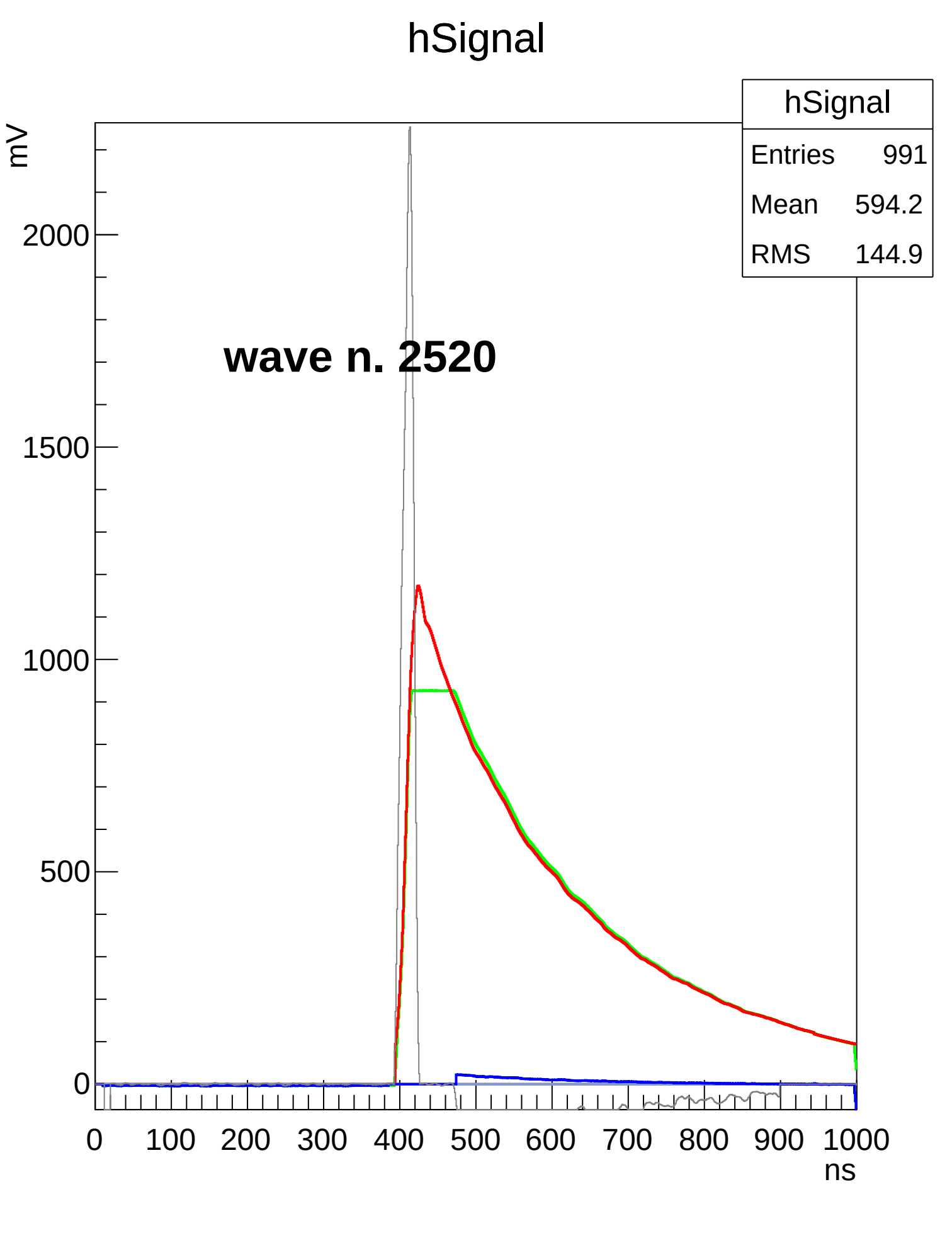
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 594.2
RMS 144.9
wave n. 2520
mV
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1000
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0
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100
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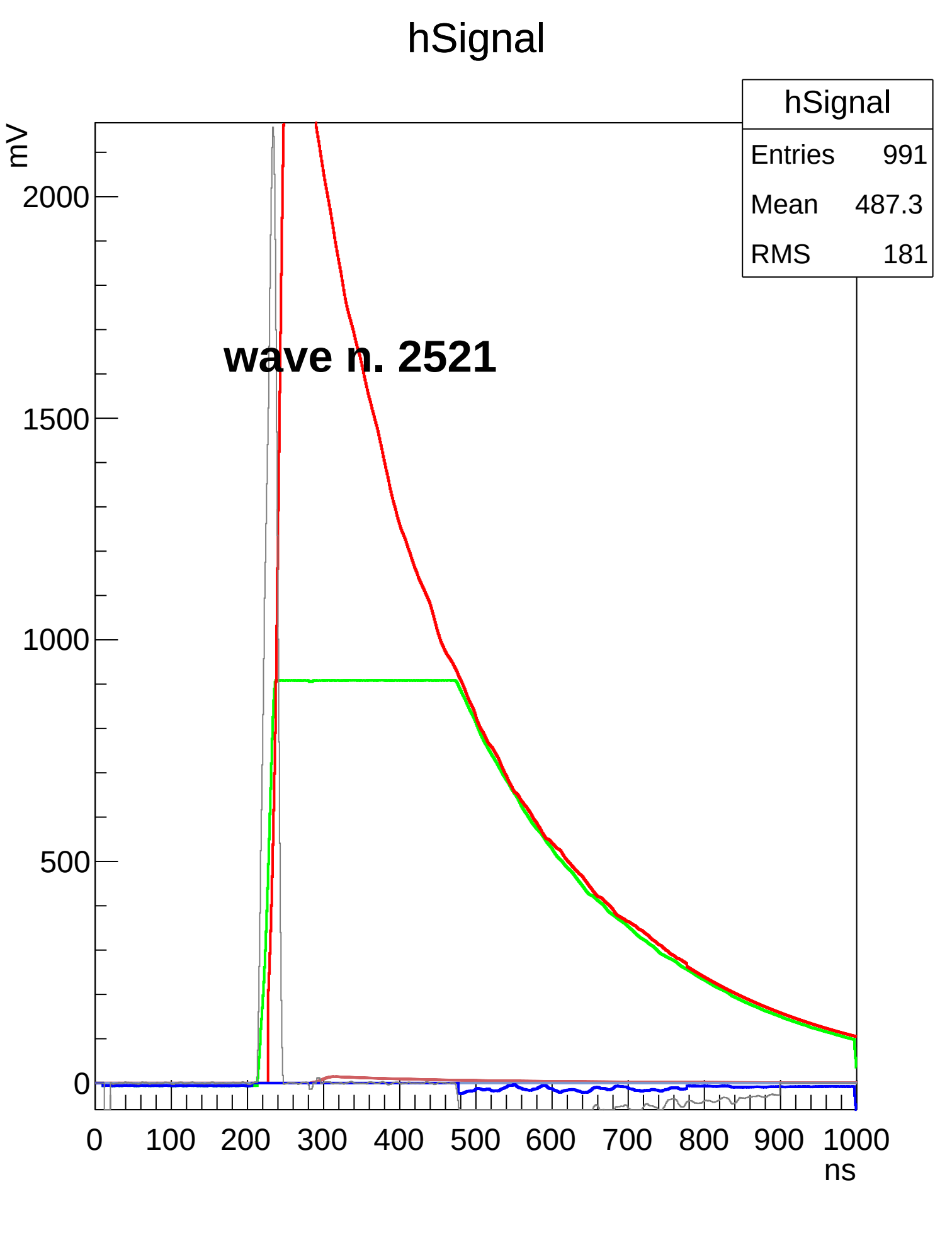
800
900
1000
ns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hSignal
Entries 991
Mean 487.3
RMS 181
wave n. 2521
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1000
500
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0
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400
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800
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1000
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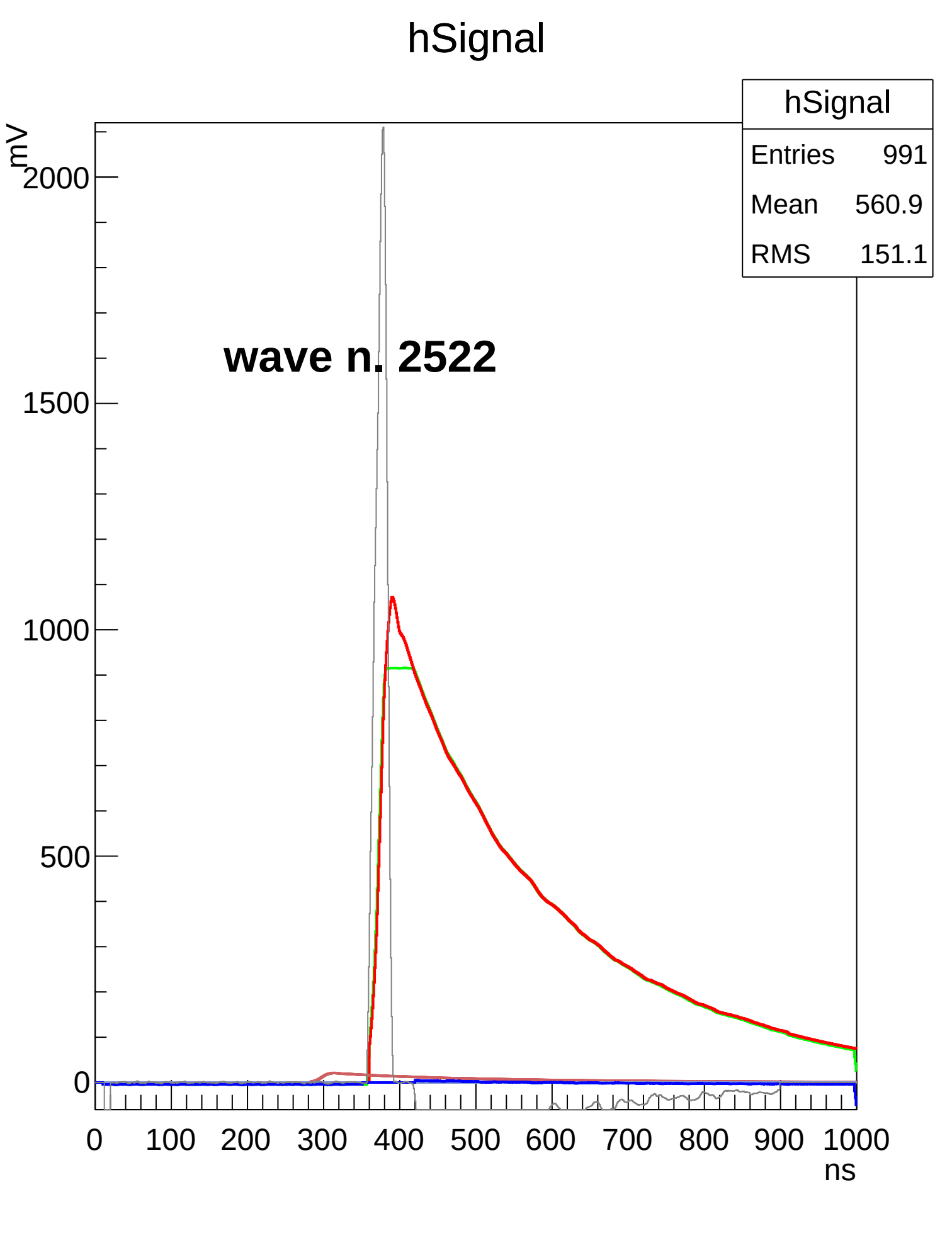
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hSignal
Entries 991
Mean 560.9
RMS 151.1
wave n. 2522
mV
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1000
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400
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600
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800
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1000
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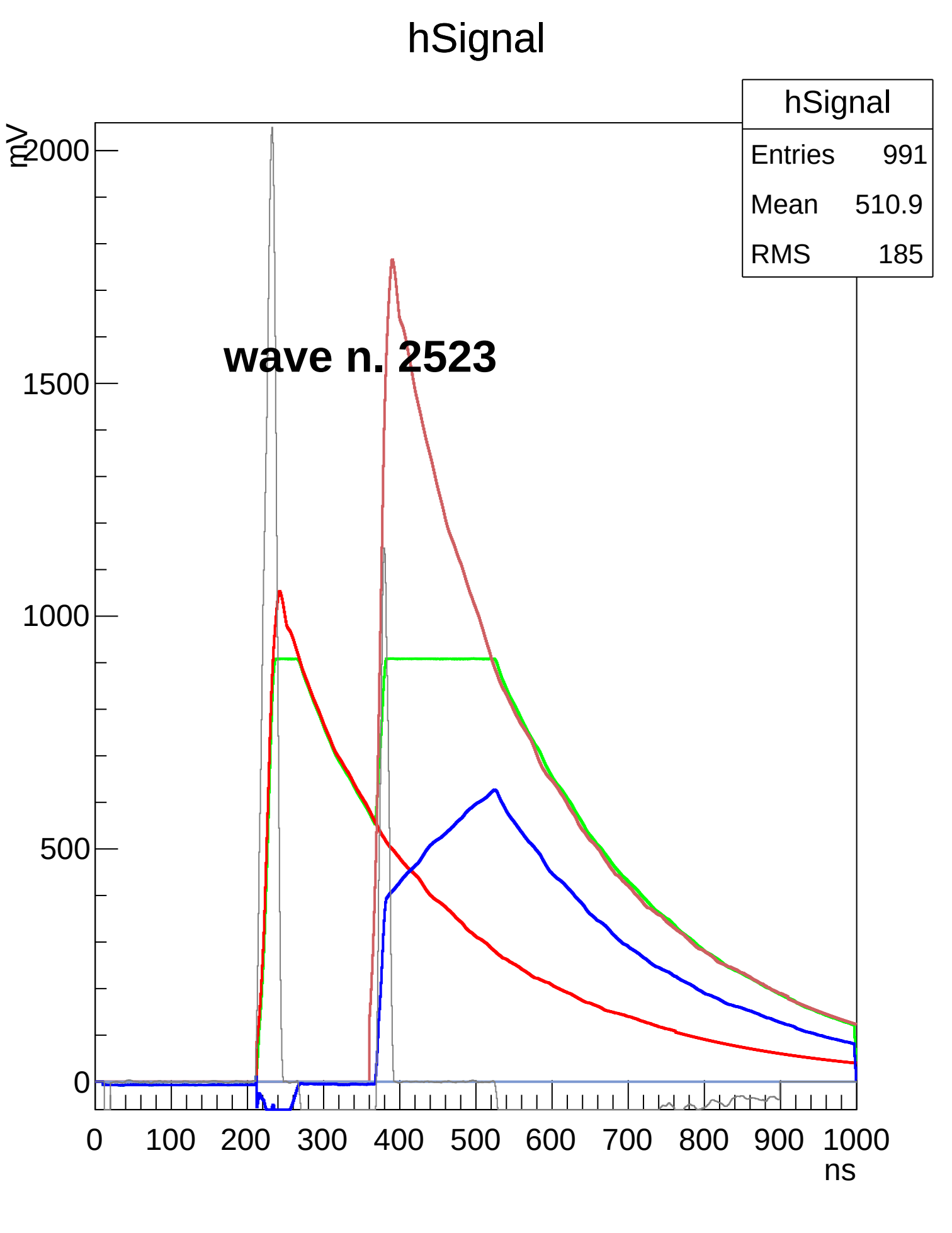
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hSignal
Entries 991
Mean 510.9
RMS 185
wave n. 2523
mV
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800
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1000
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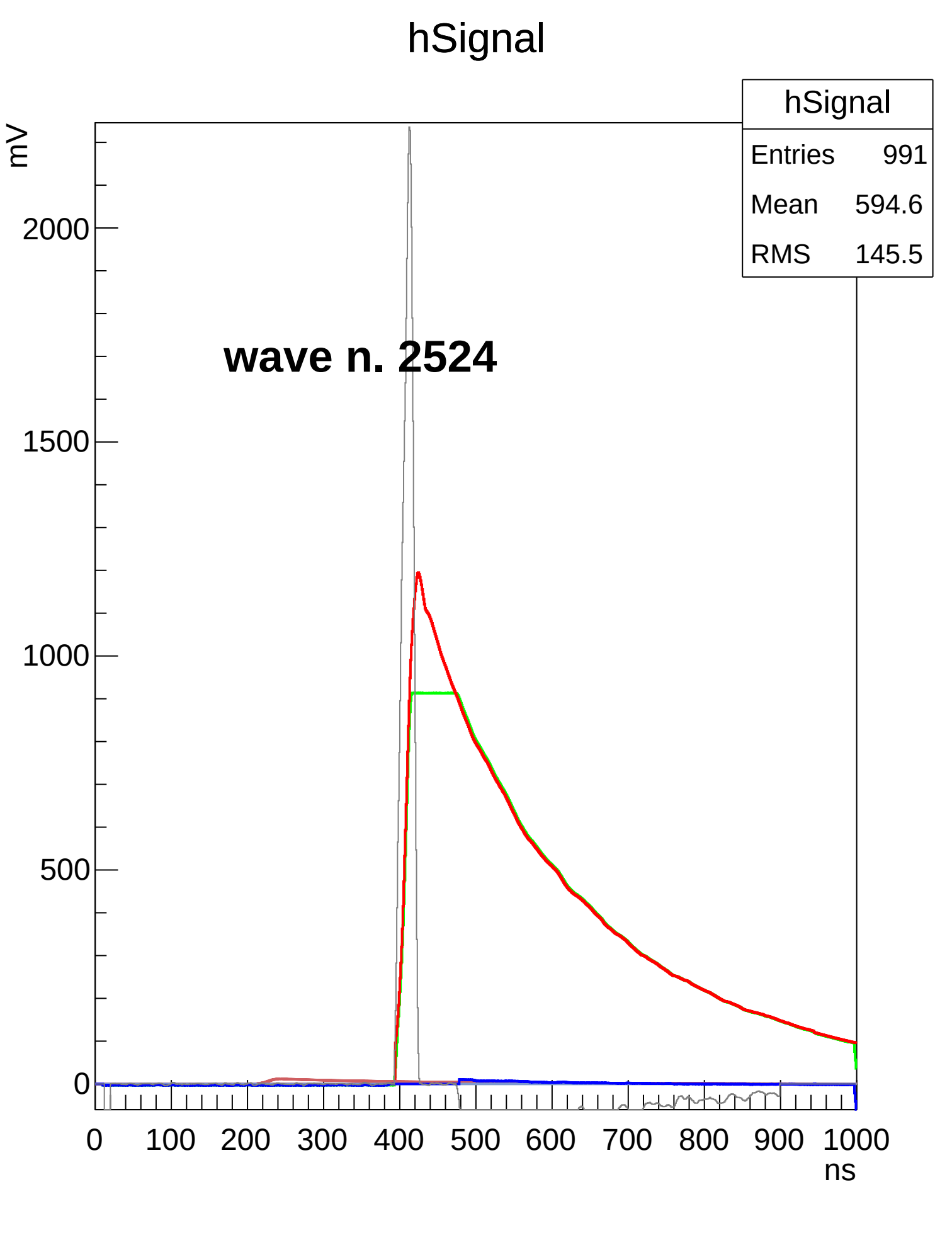
hSignal
hSignal
Entries 991
Mean 594.6
RMS 145.5
wave n. 2524
mV
2000
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1000
500
0
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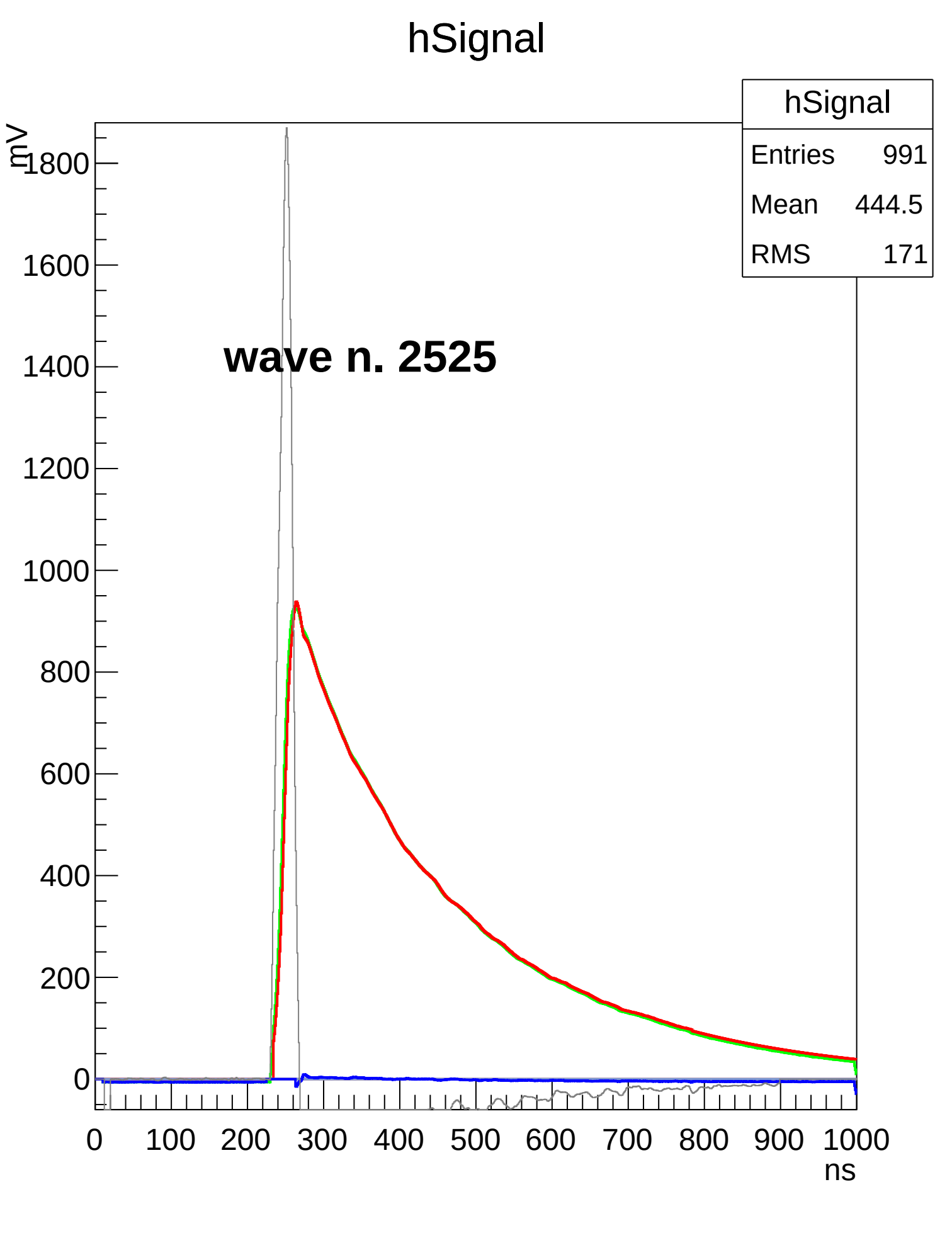
ns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hSignal
Entries 991
Mean 444.5
RMS 171
wave n. 2525
mV
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1600
1400
1200
1000
800
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400
200
0
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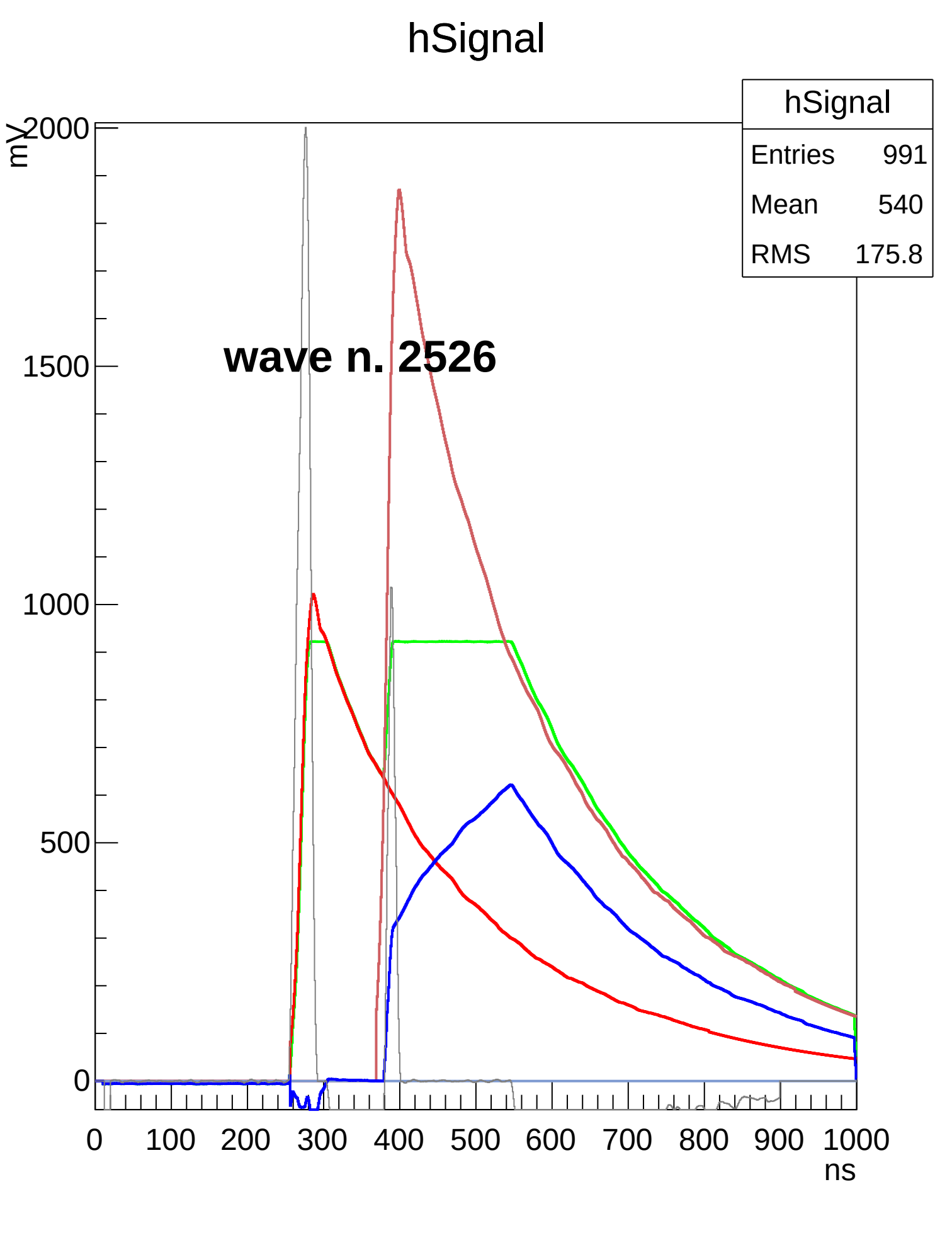
ns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hSignal
Entries 991
Mean 540
RMS 175.8
wave n. 2526
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1000
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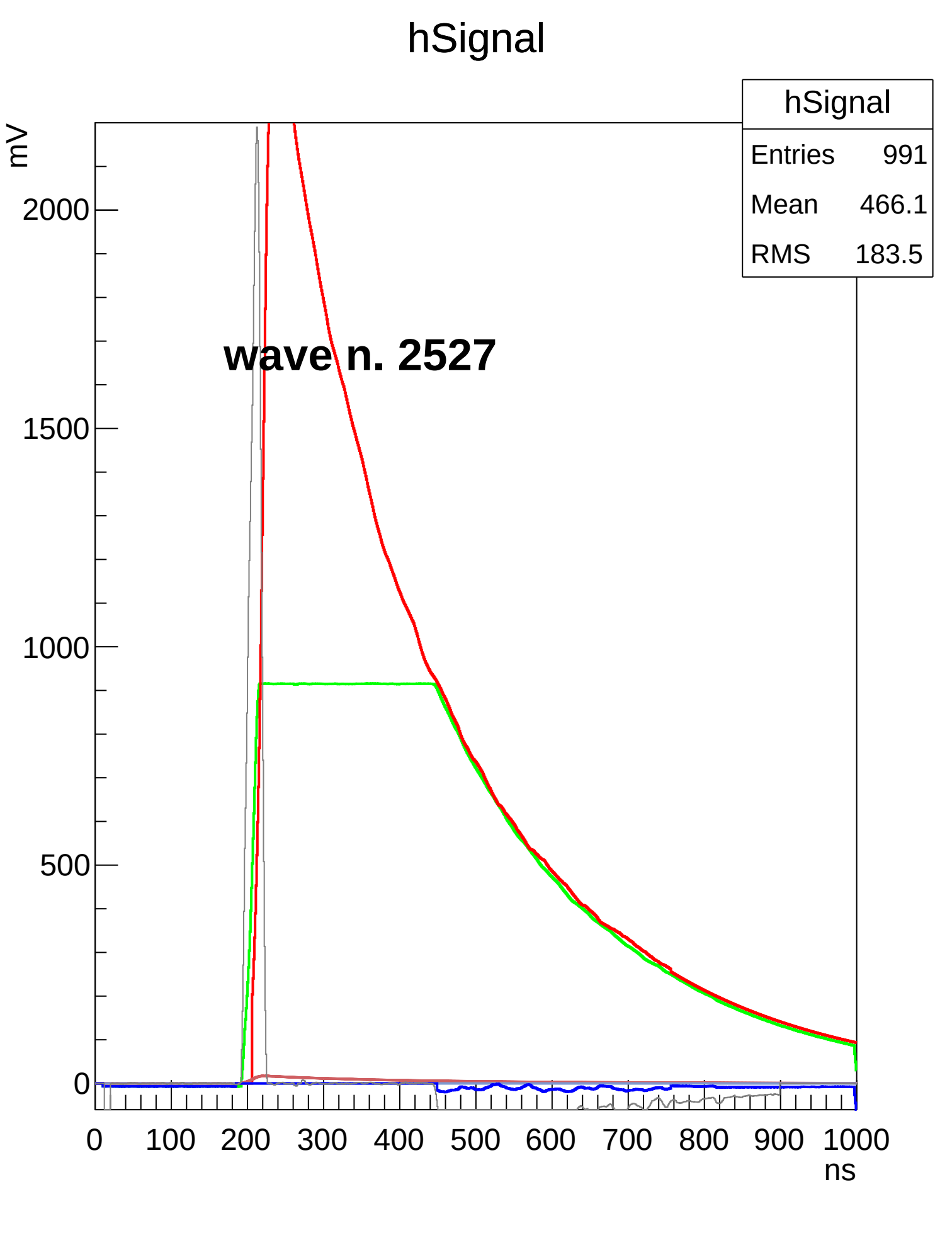
hSignal
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Entries 991
Mean 466.1
RMS 183.5
wave n. 2527
mV
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400
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800
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1000
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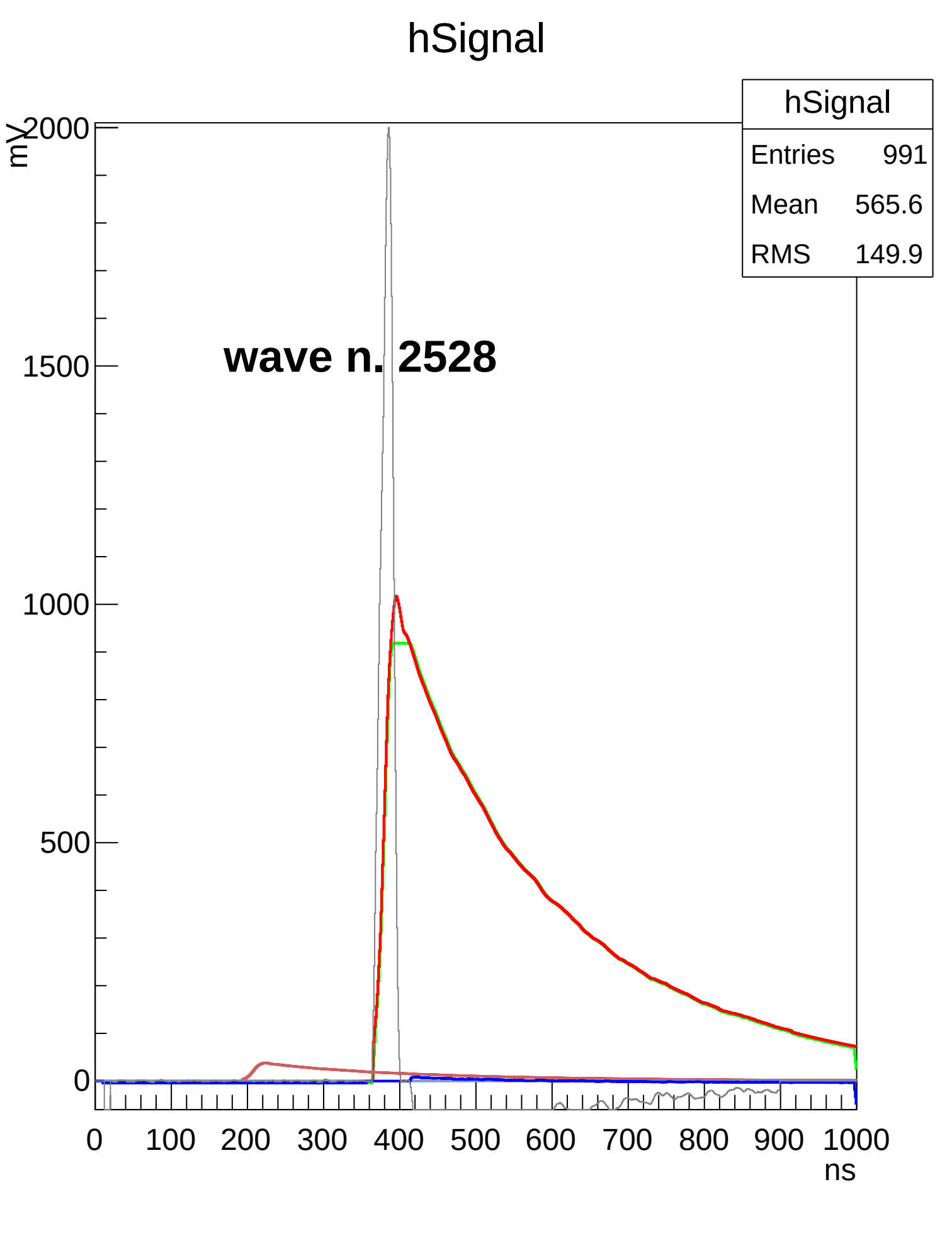
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hSignal
Entries 991
Mean 565.6
RMS 149.9
wave n. 2528
mV
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1500
1000
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0
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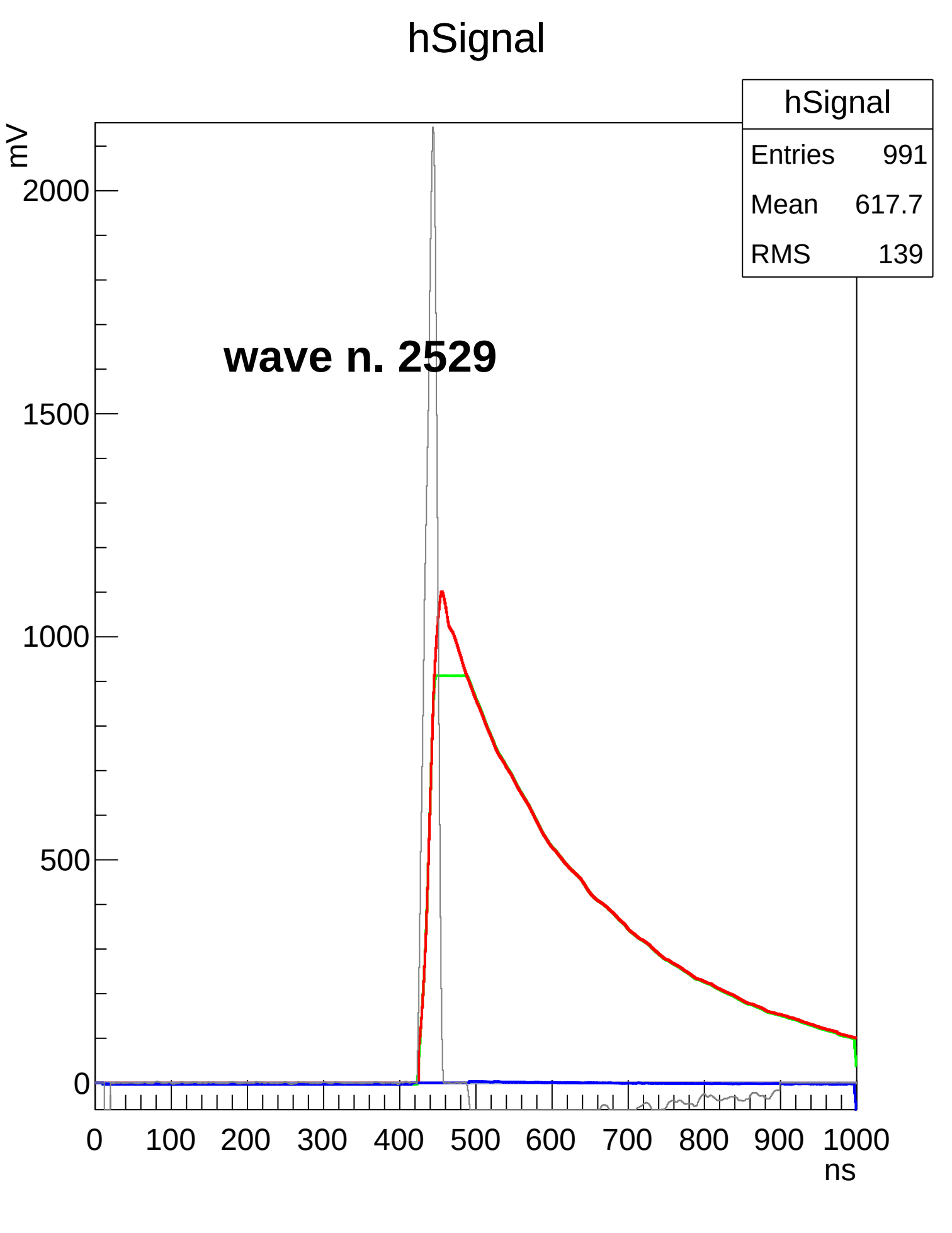
800
900
1000
ns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hSignal
Entries 991
Mean 617.7
RMS 139
wave n. 2529
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800
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1000
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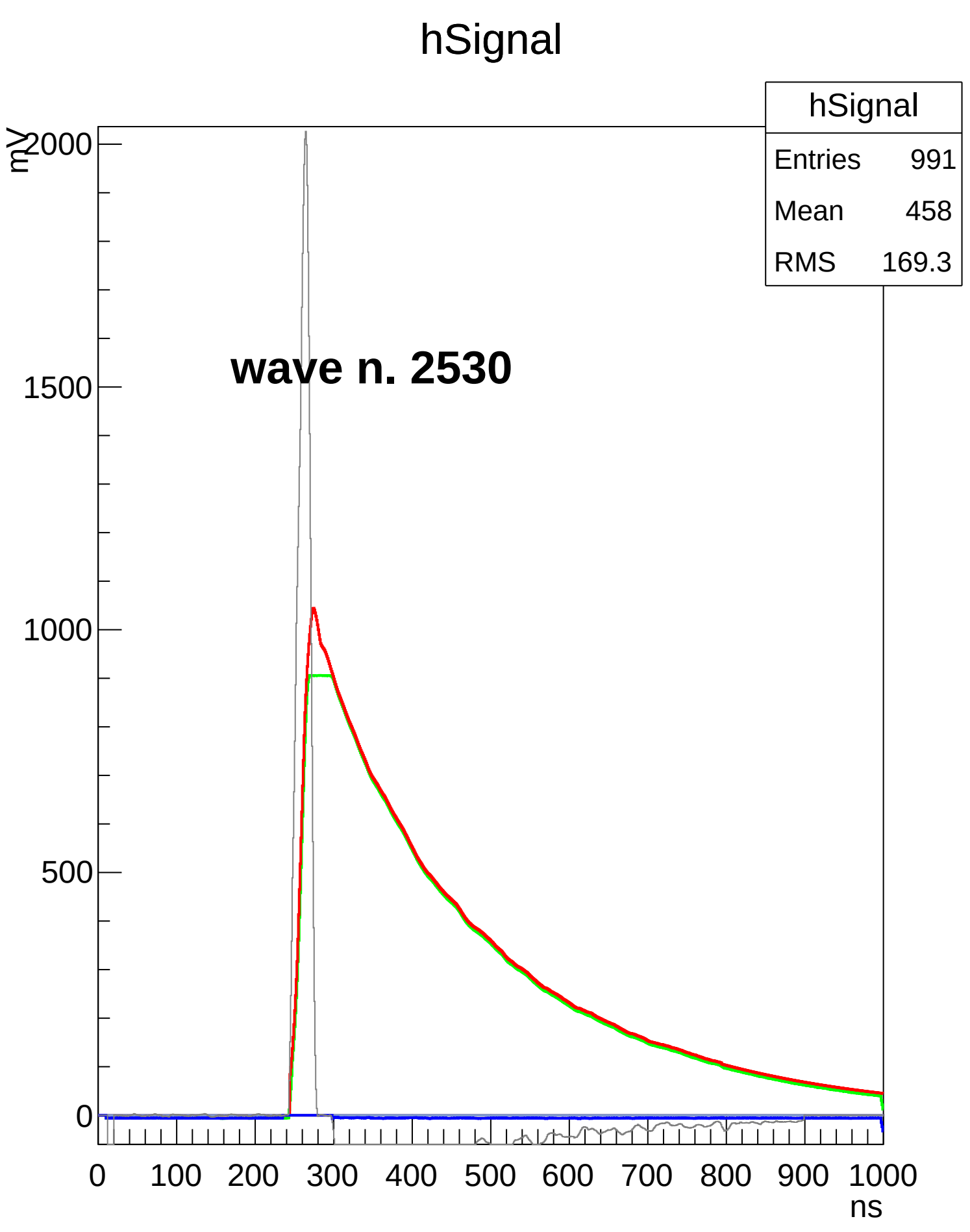
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hSignal
Entries 991
Mean 458
RMS 169.3
wave n. 2530
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1500
1000
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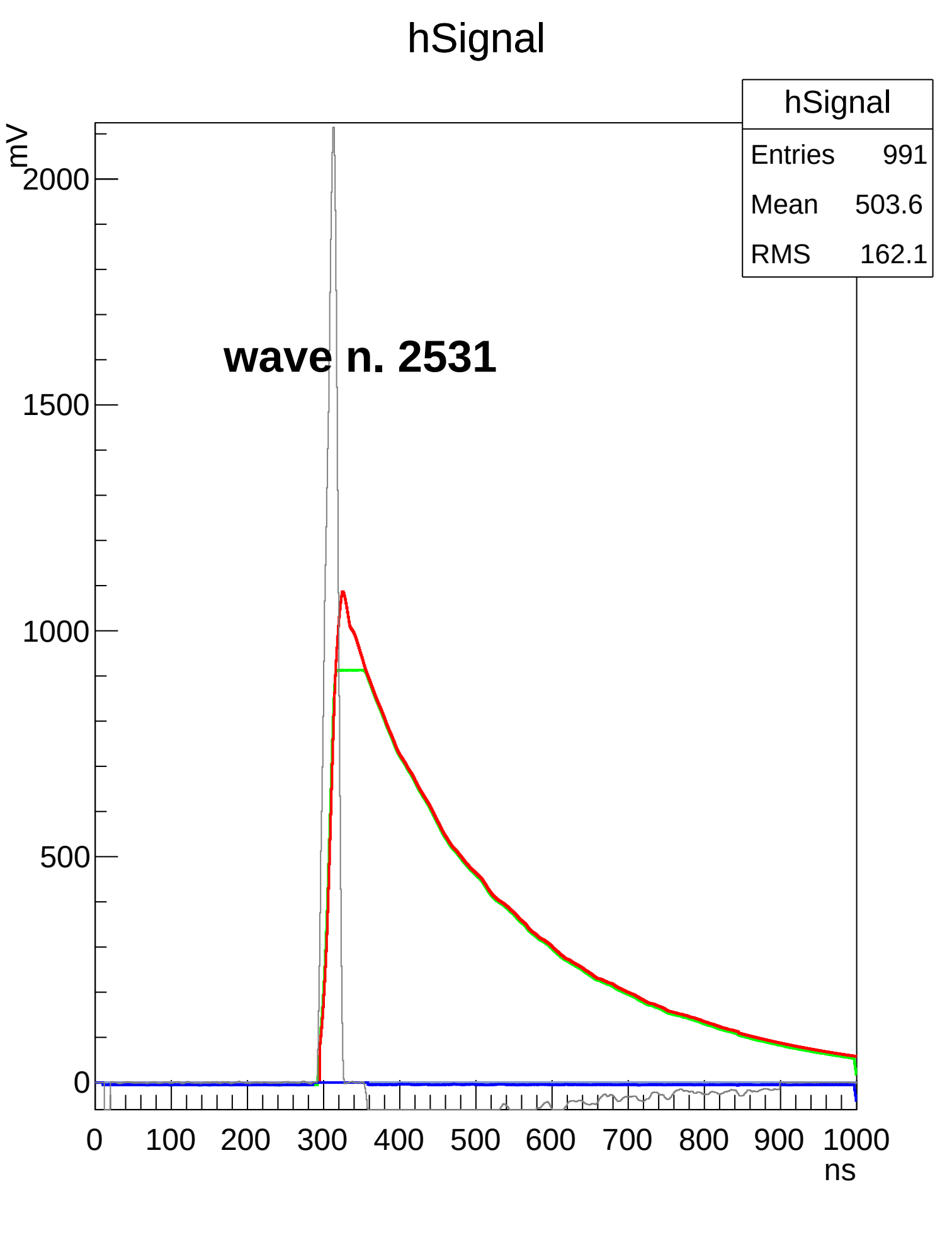
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.6
RMS 162.1
wave n. 2531
mV
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1000
500
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0
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400
500
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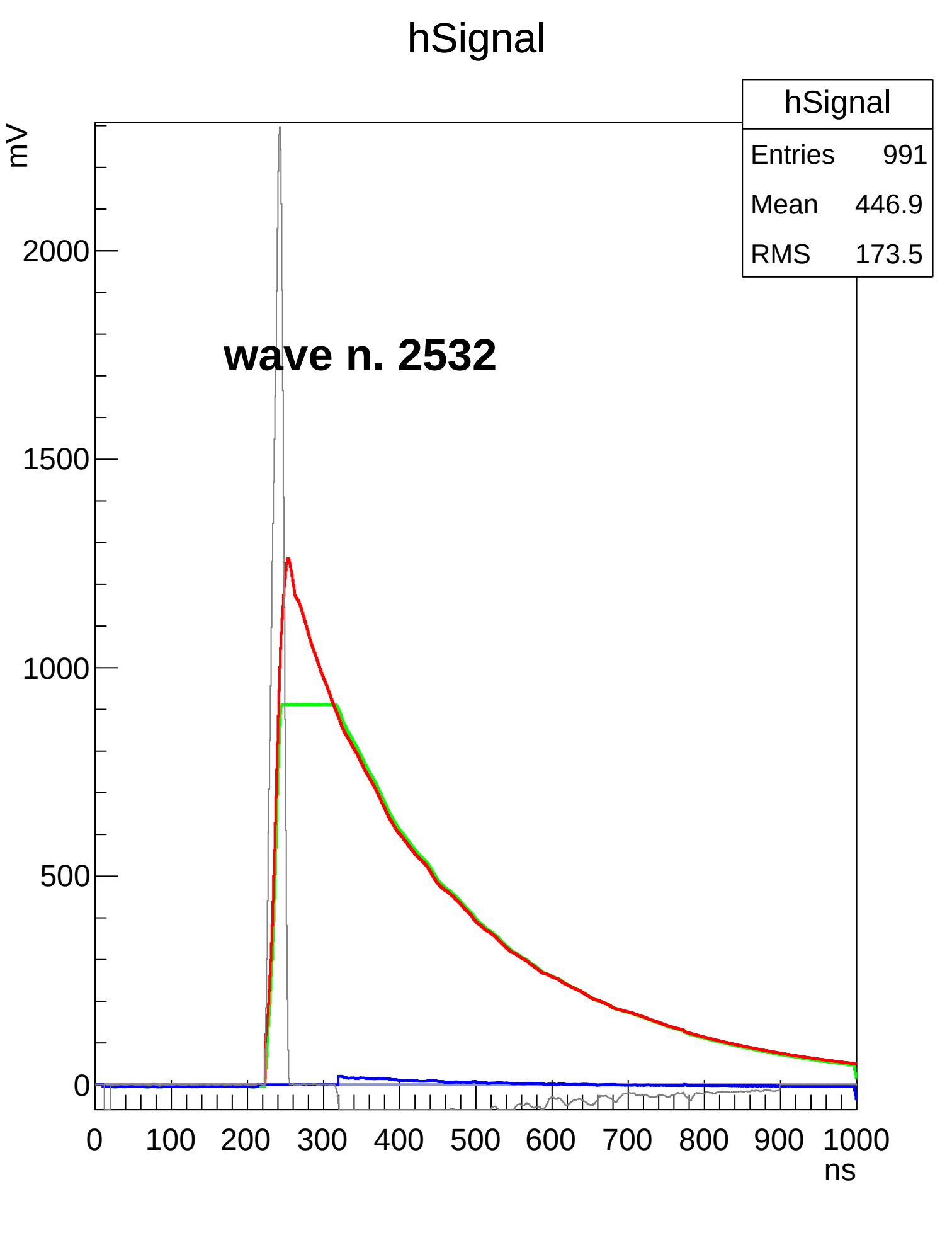
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 446.9
RMS 173.5
wave n. 2532
mV
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1500
1000
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0
100
200
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400
500
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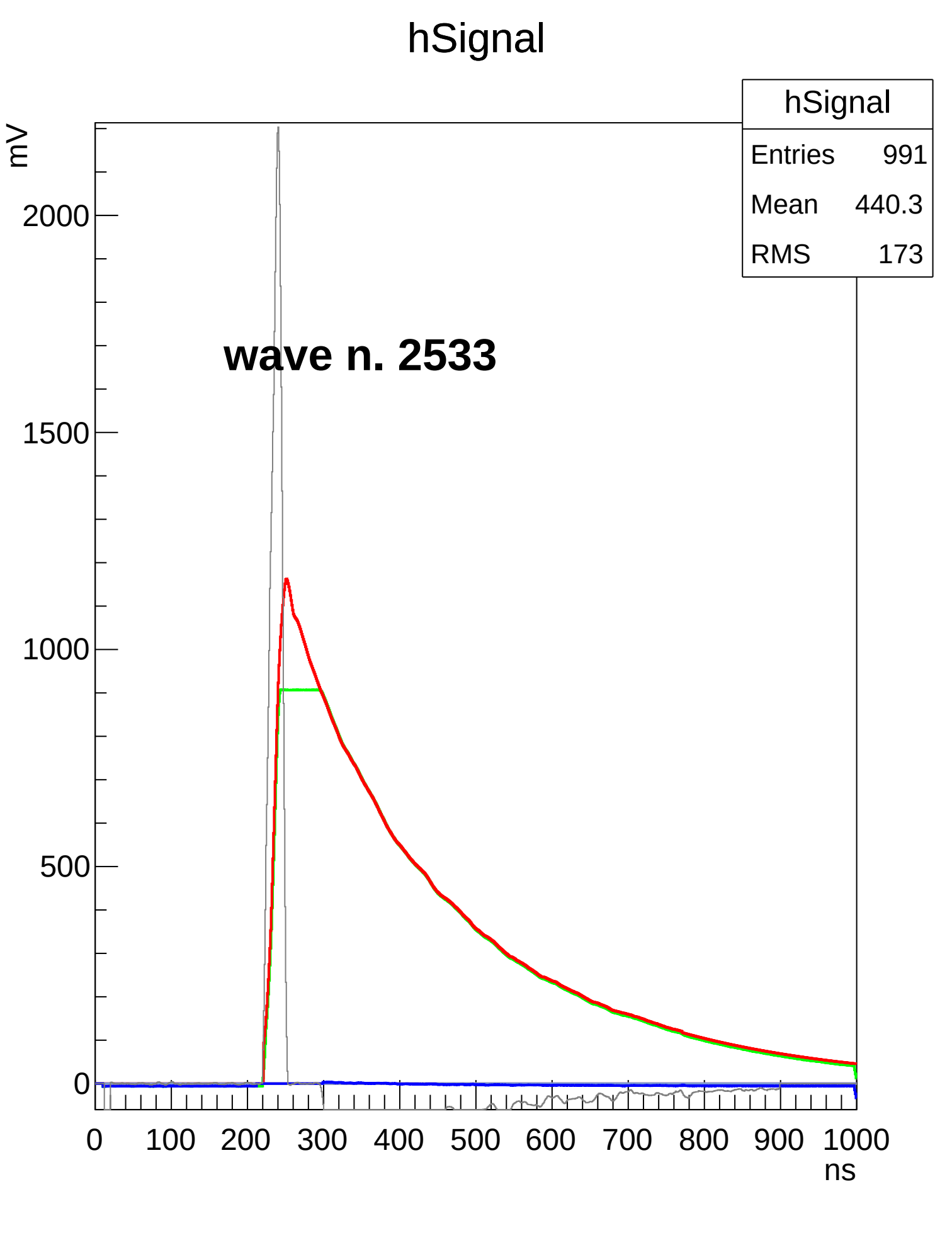
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 440.3
RMS 173
wave n. 2533
mV
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1500
1000
500
0
0
100
200
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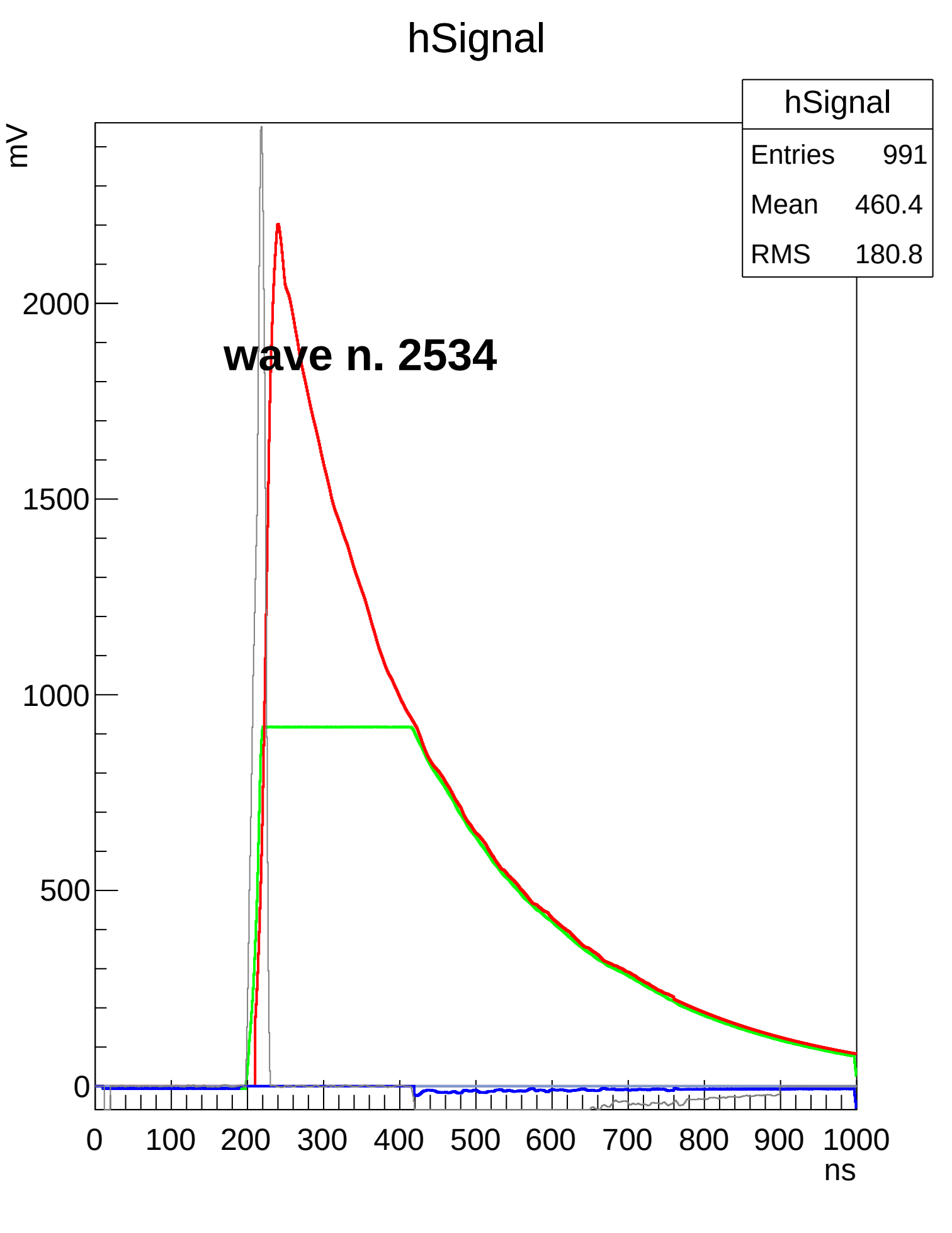
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 460.4
RMS 180.8
wave n. 2534
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1500
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500
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0
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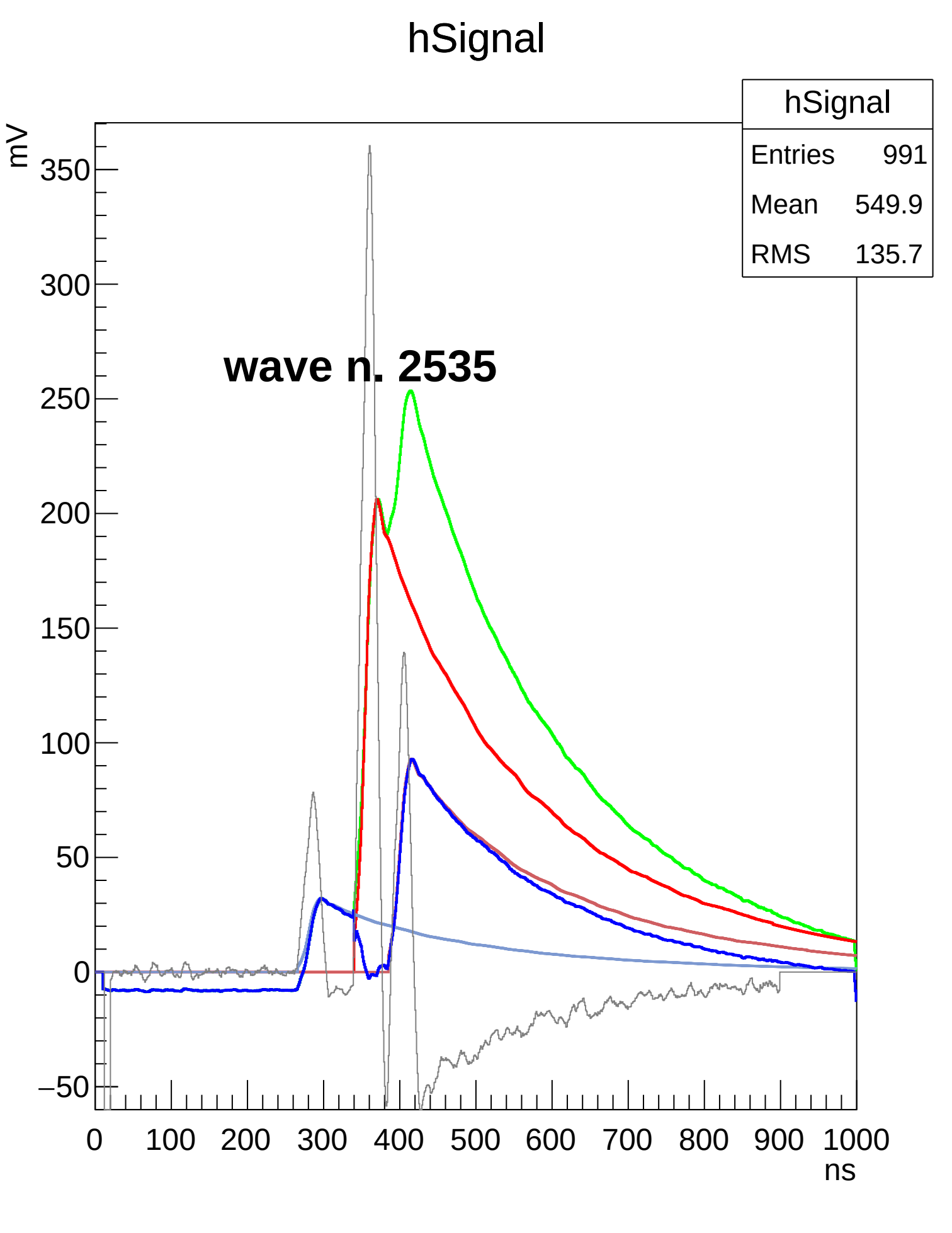
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.9
RMS 135.7
wave n. 2535
mV
350
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250
200
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100
50
0
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0
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200
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400
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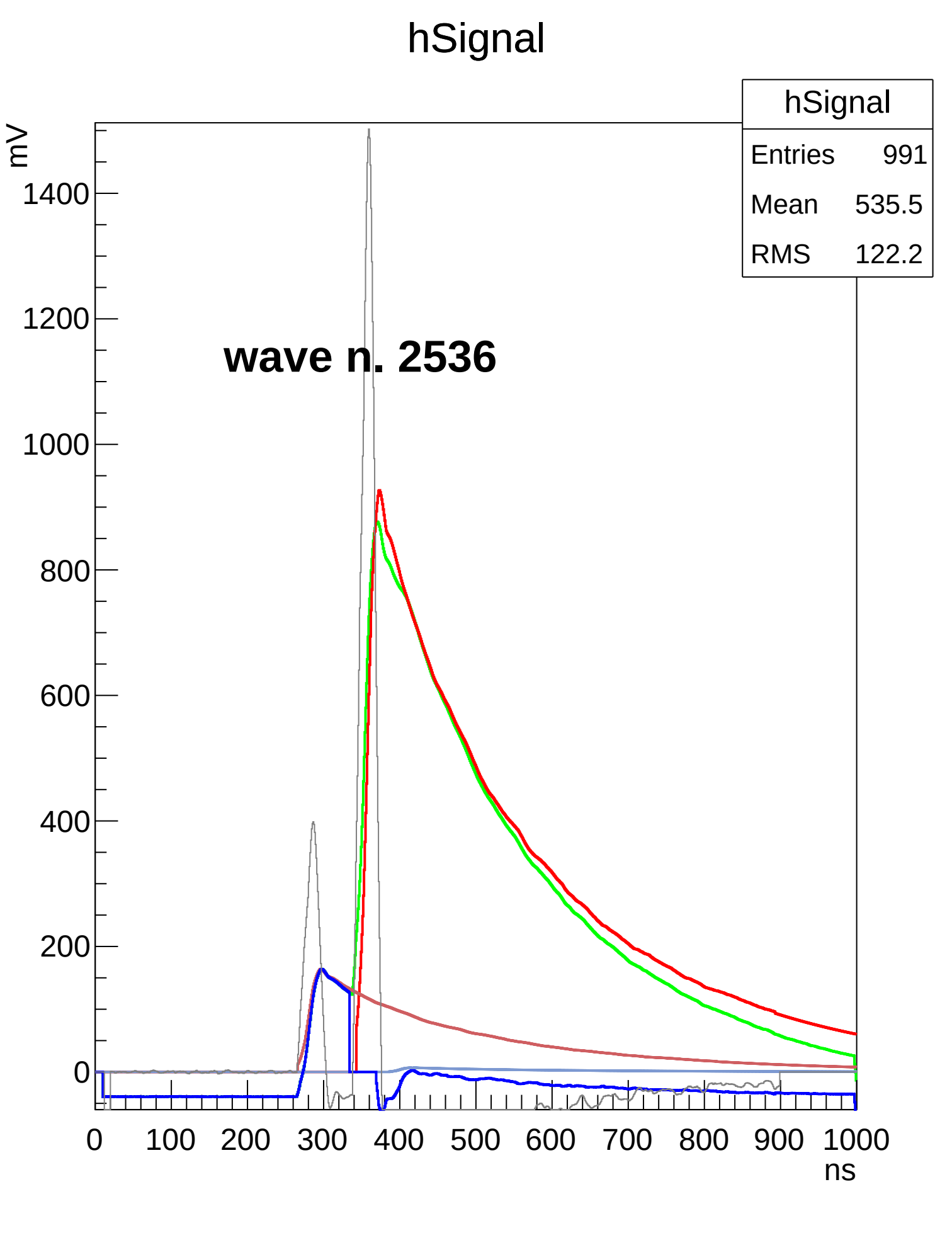
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 535.5
RMS 122.2
wave n. 2536
mV
1400
1200
1000
800
600
400
200
0
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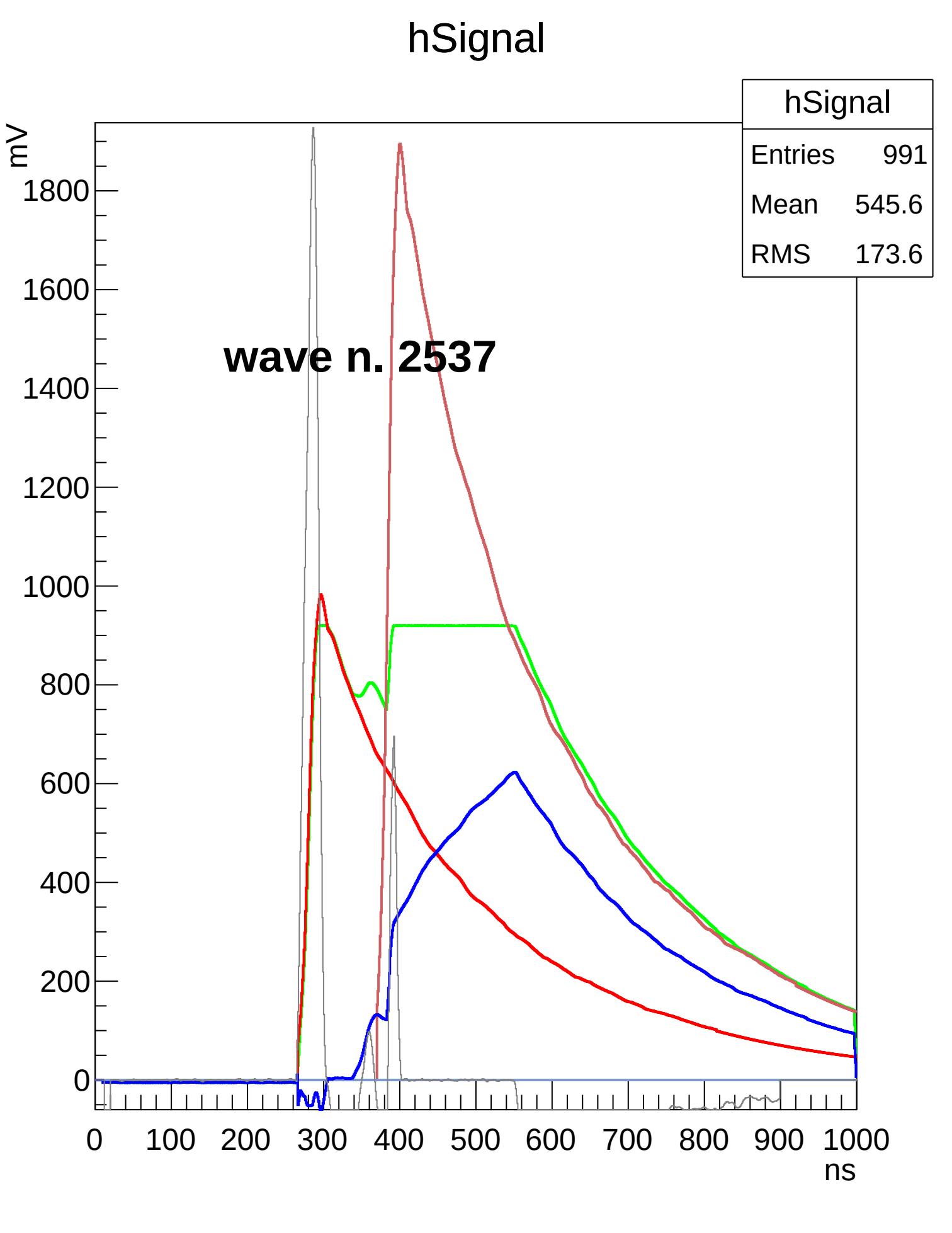
ns


hSignal
hSignal
Entries 991
Mean 545.6
RMS 173.6
wave n. 2537
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
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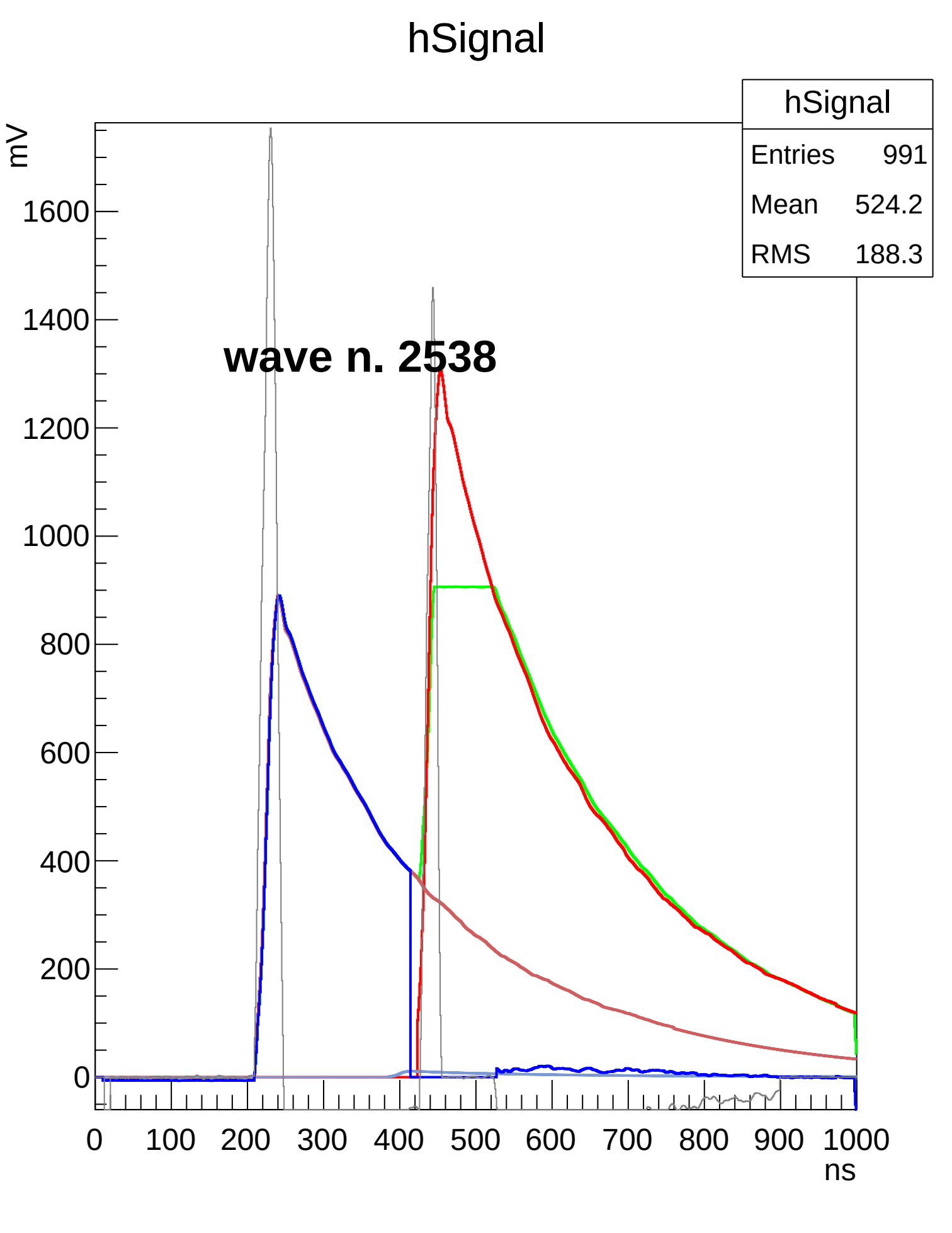
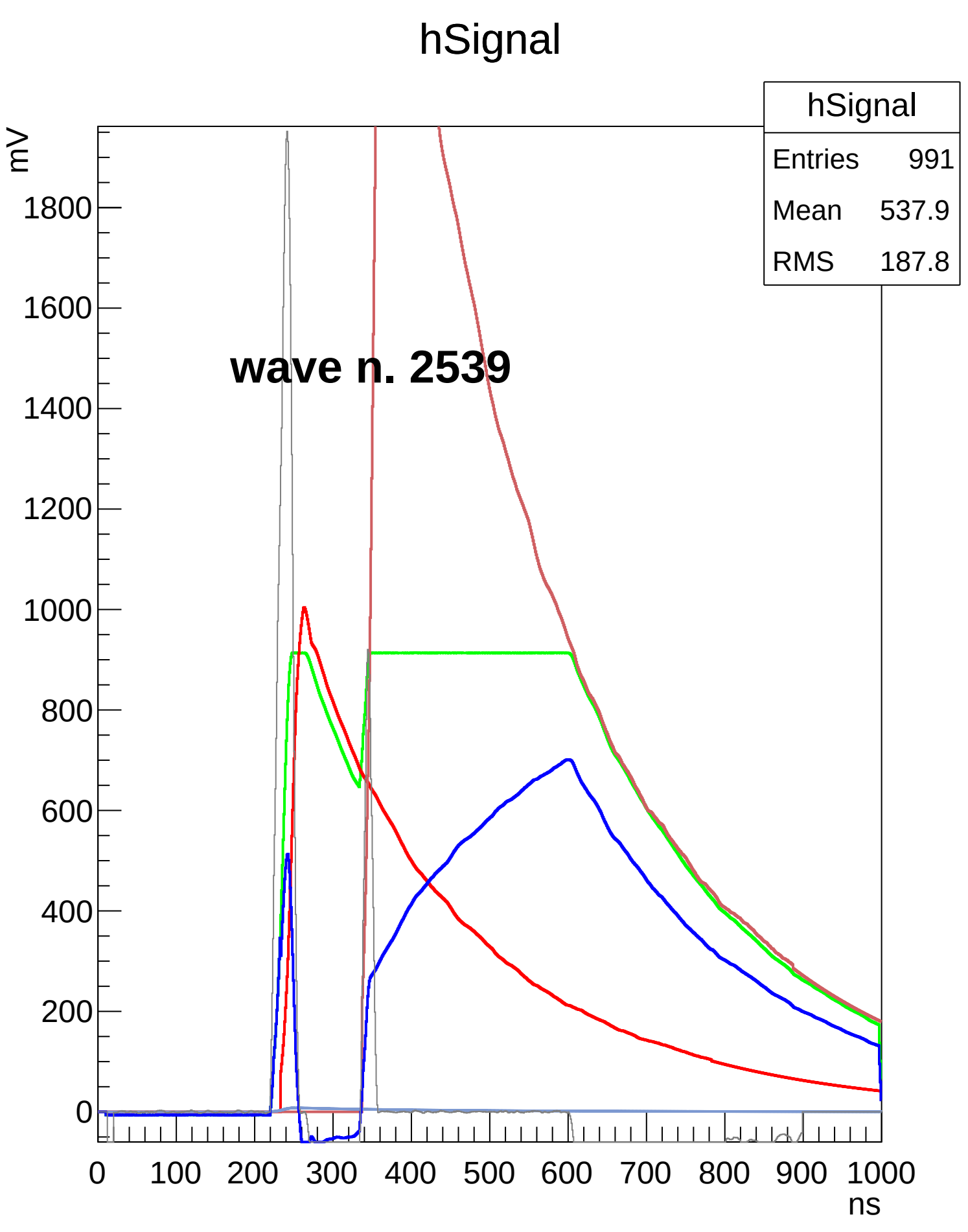
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 524.2
RMS 188.3
wave n. 2538
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 537.9
RMS 187.8
wave n. 2539
mV
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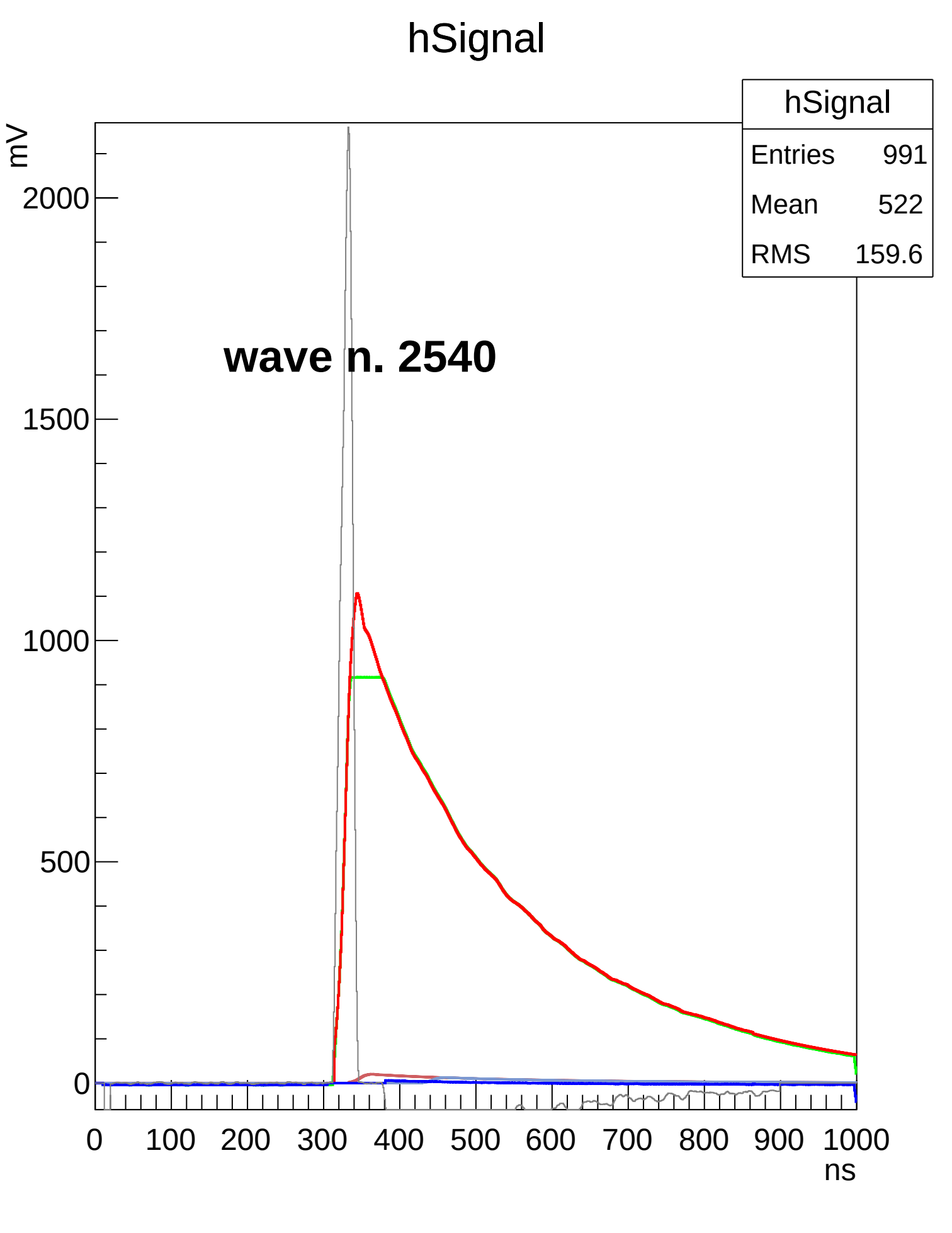
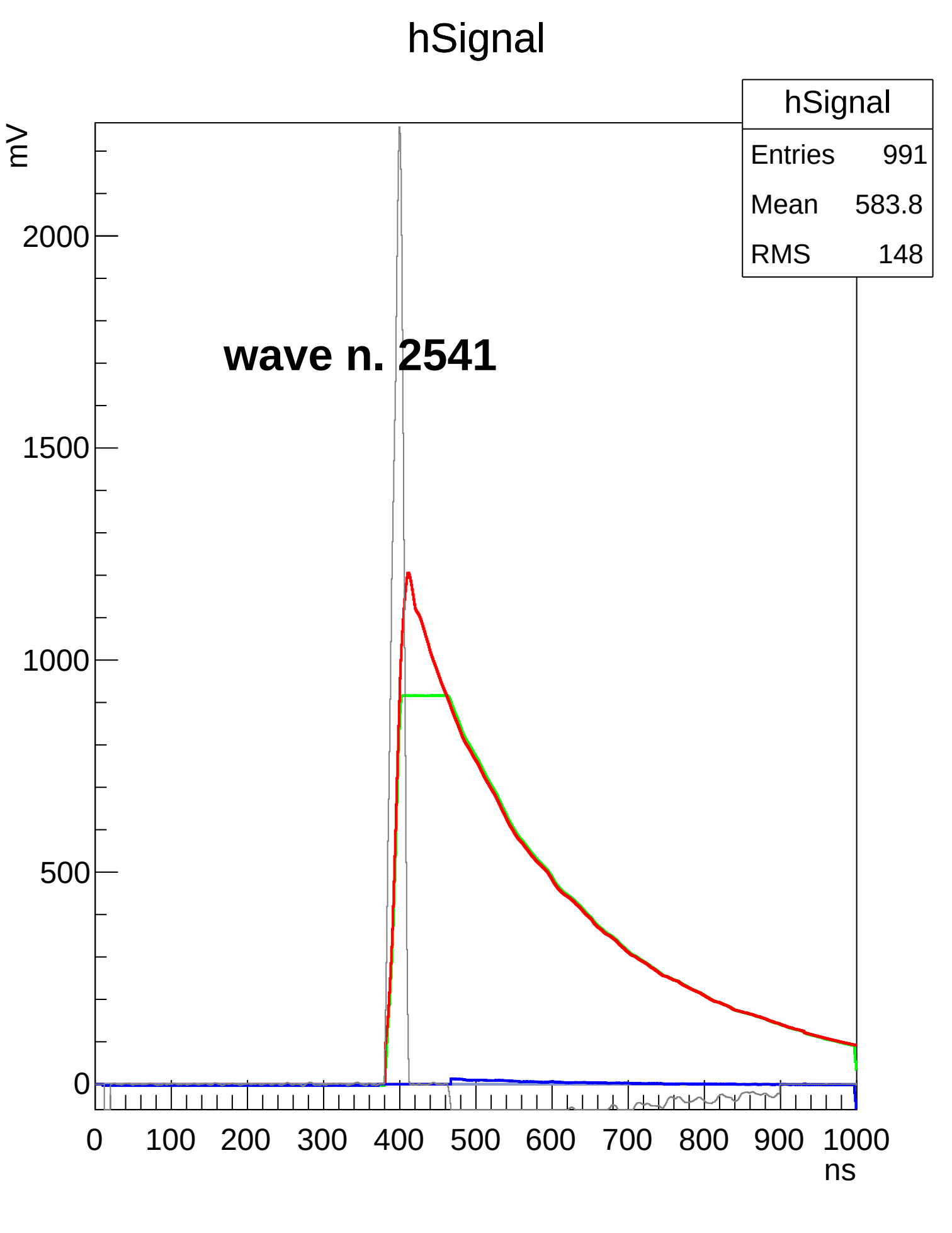
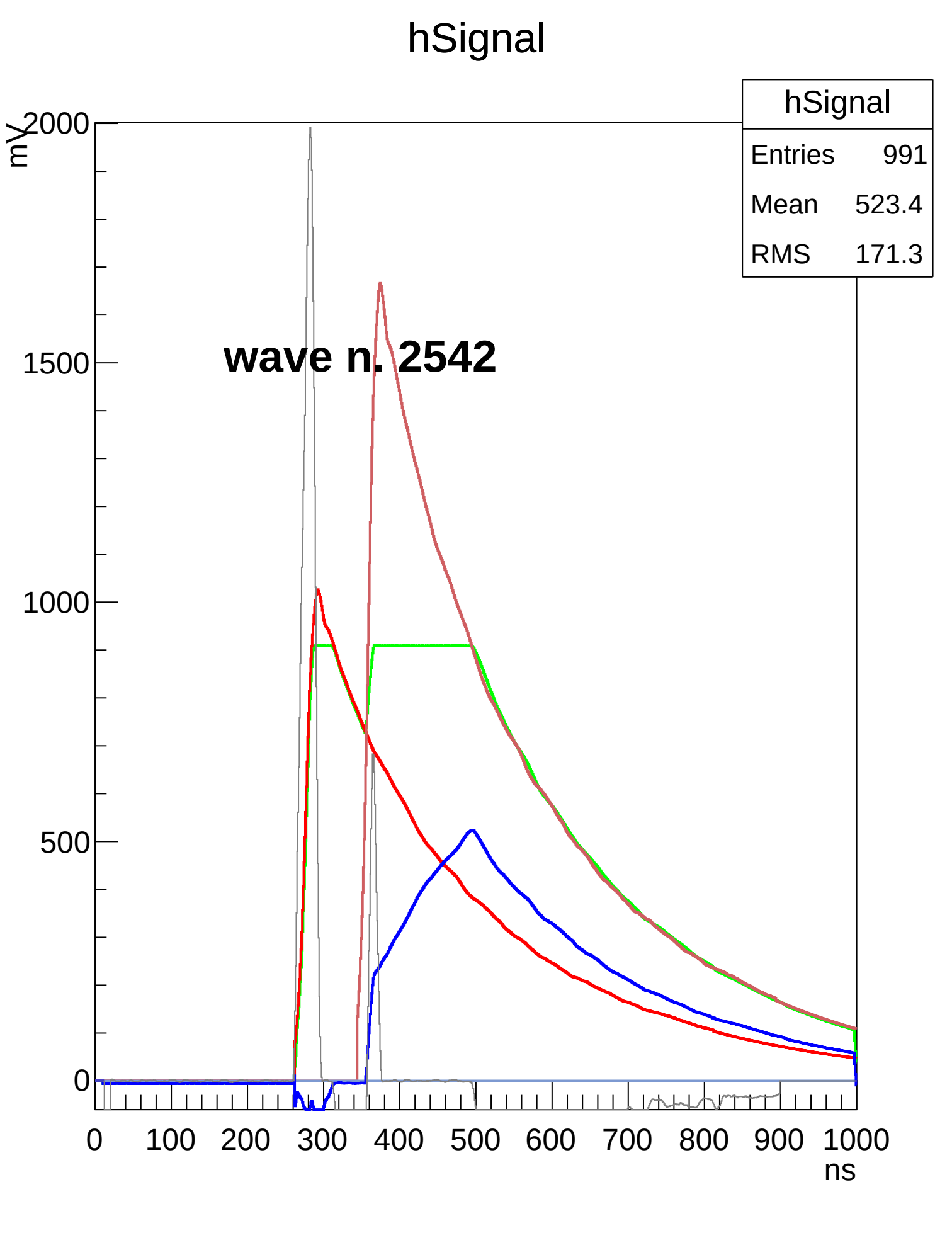
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 522
RMS 159.6
wave n. 2540
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 583.8
RMS 148
wave n. 2541
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 523.4
RMS 171.3
wave n. 2542
mV
2000
1500
1000
500
0
0
100
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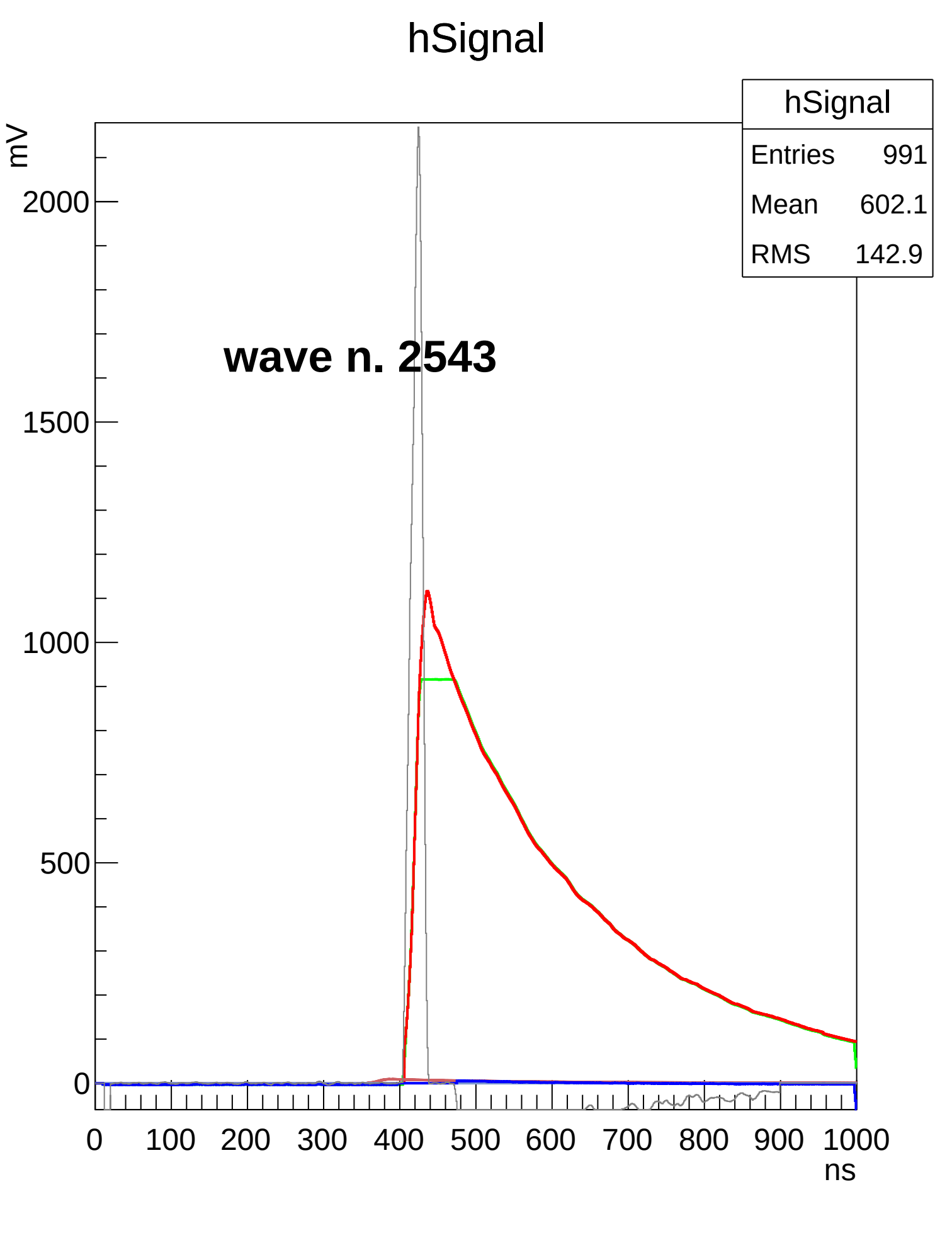
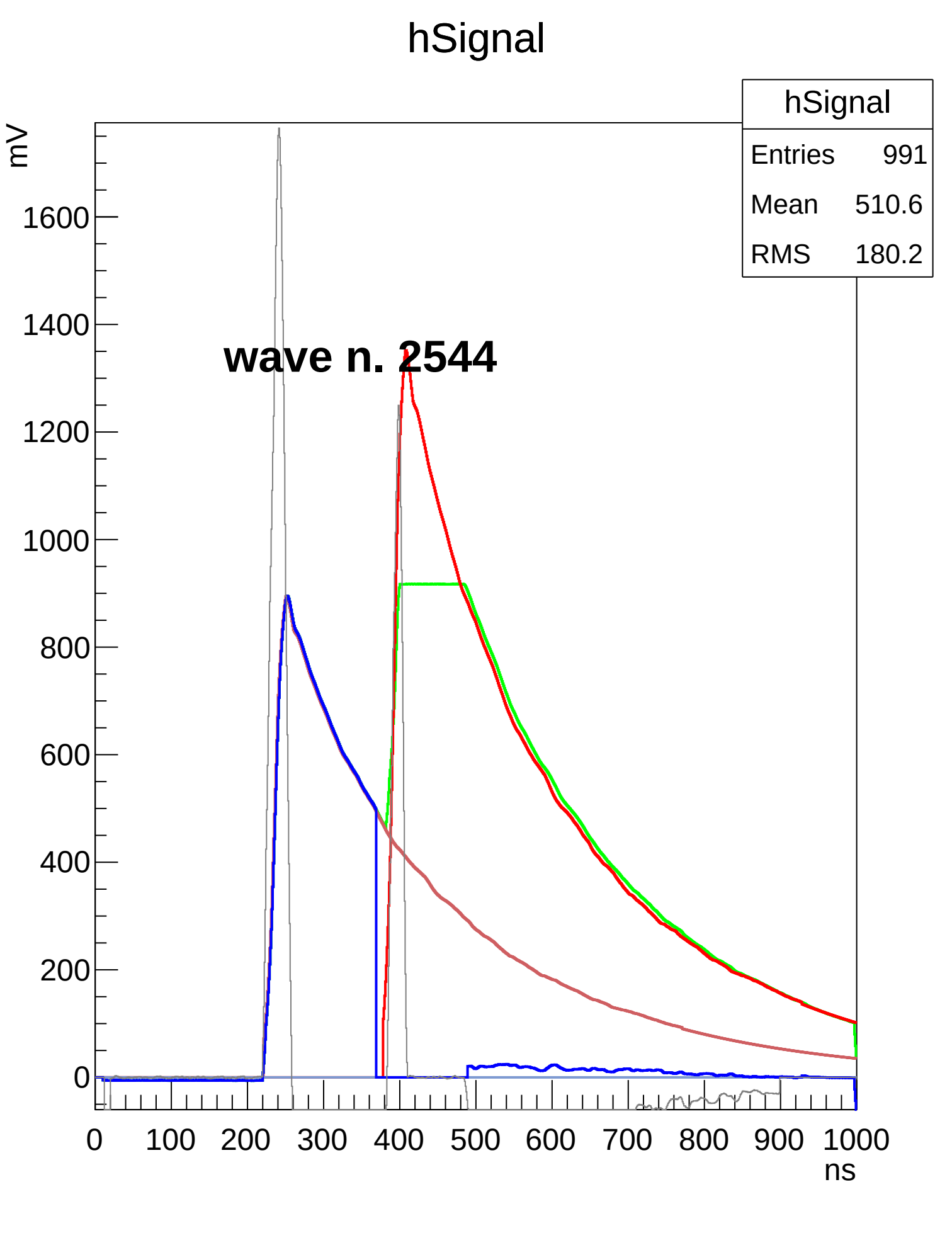
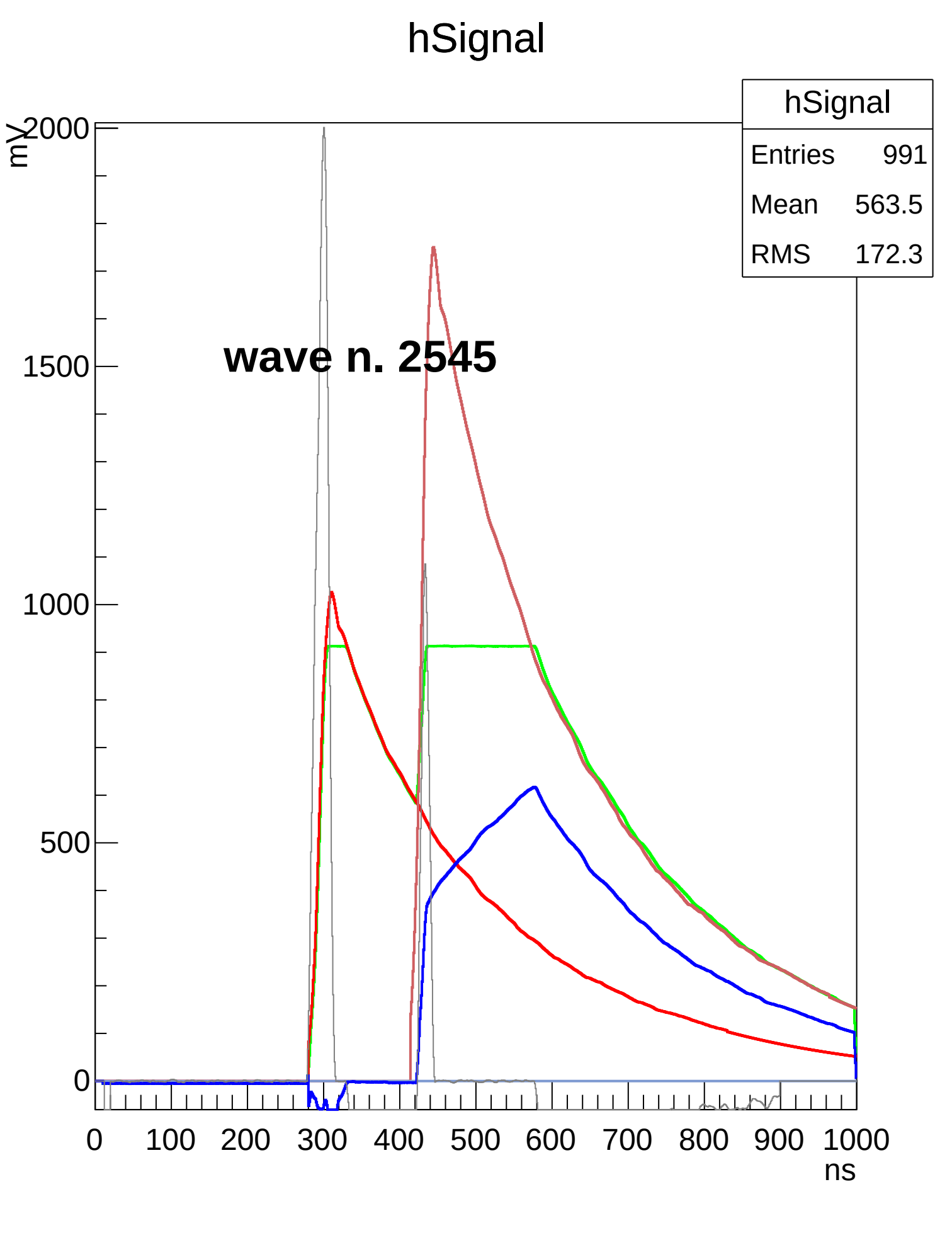
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 602.1
RMS 142.9
wave n. 2543
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.6
RMS 180.2
wave n. 2544
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 563.5
RMS 172.3
wave n. 2545
mV
2000
1500
1000
500
0
0
100
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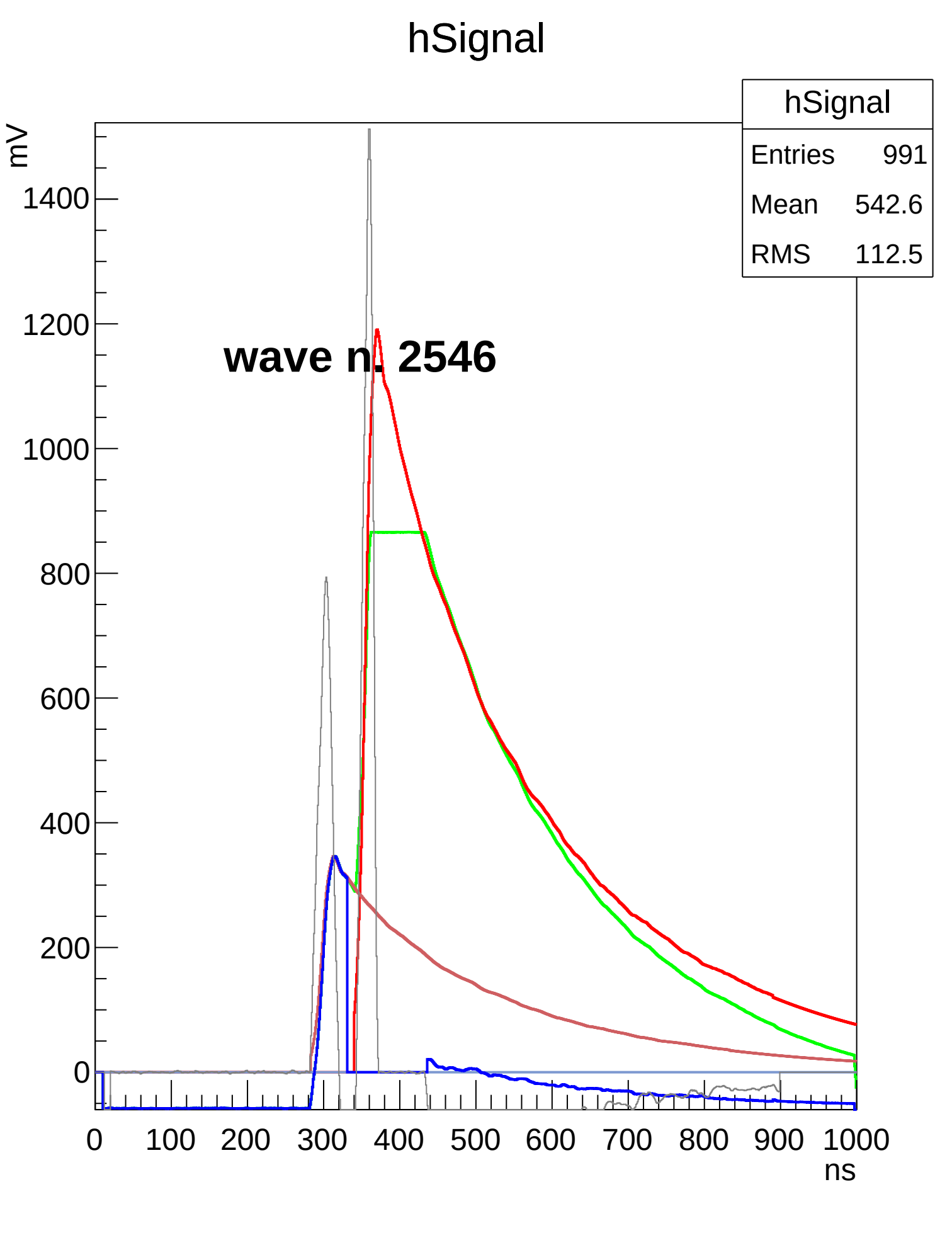
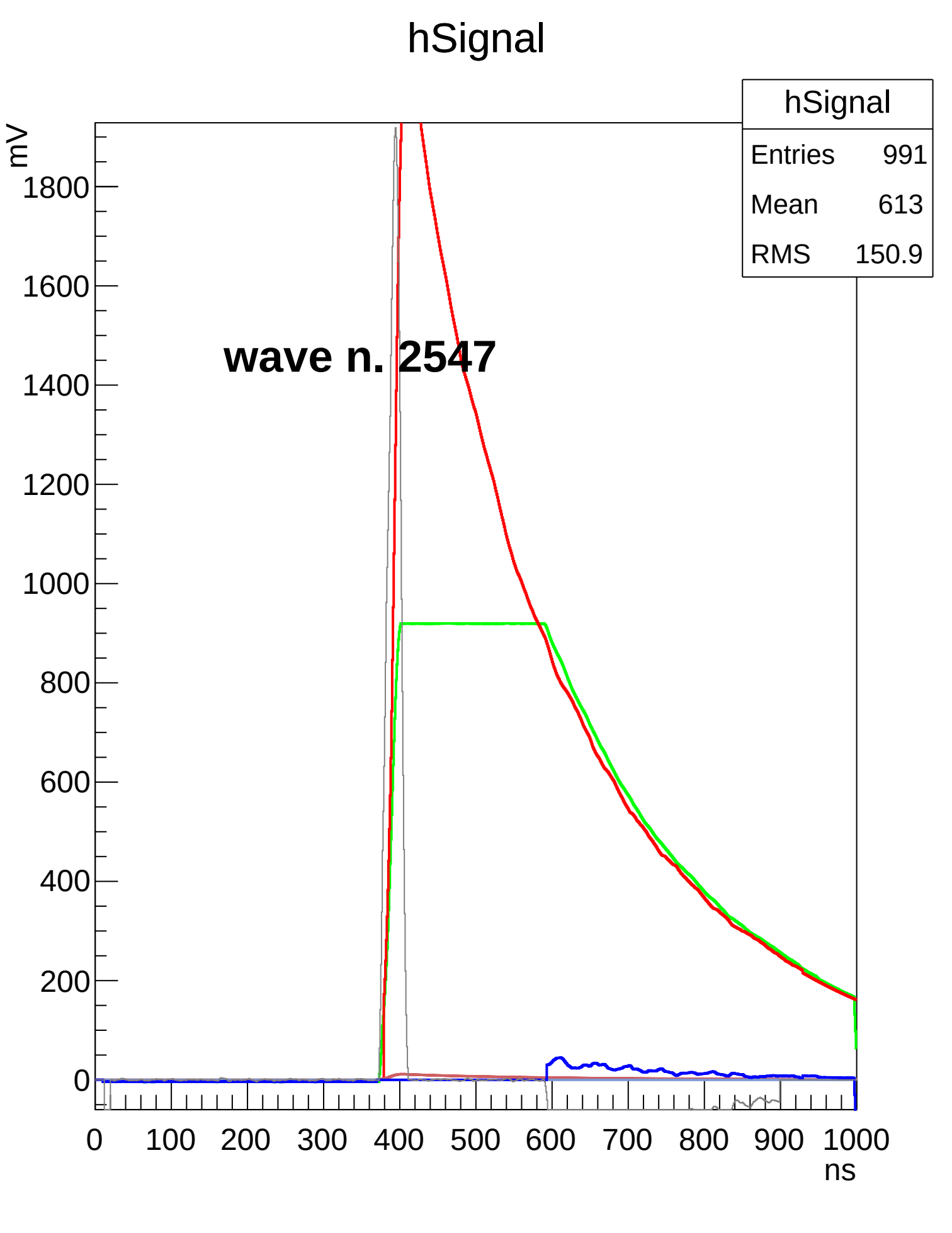
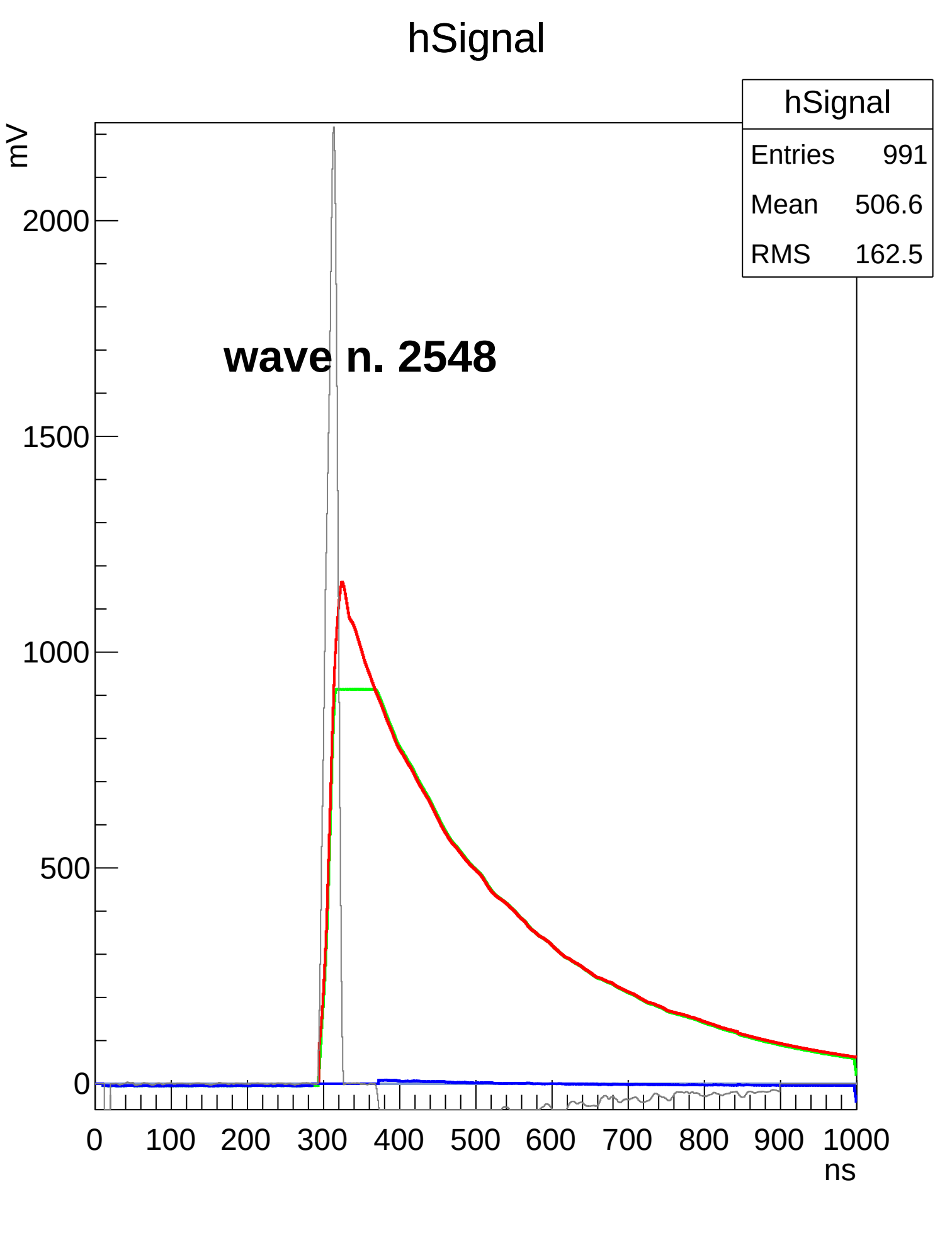
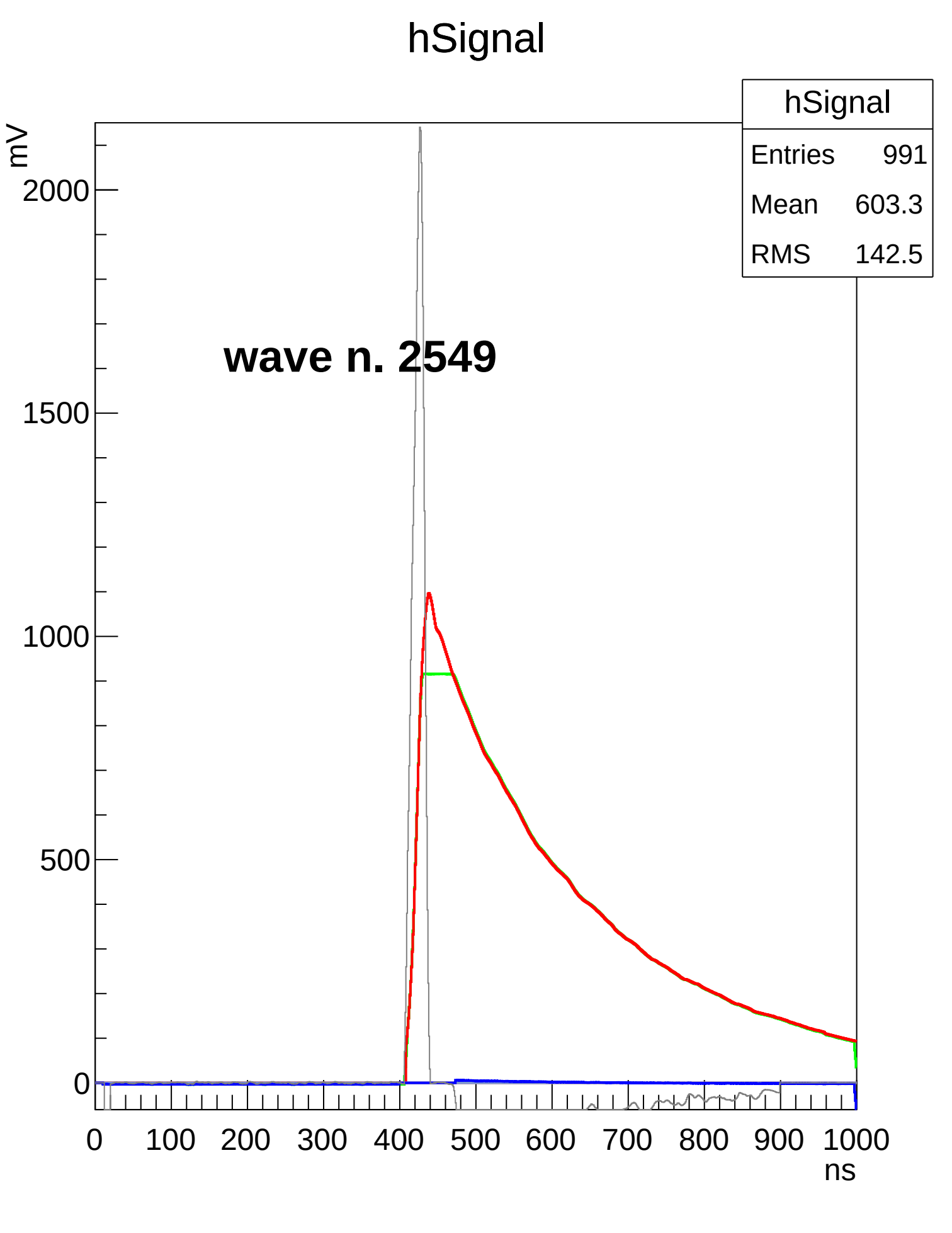
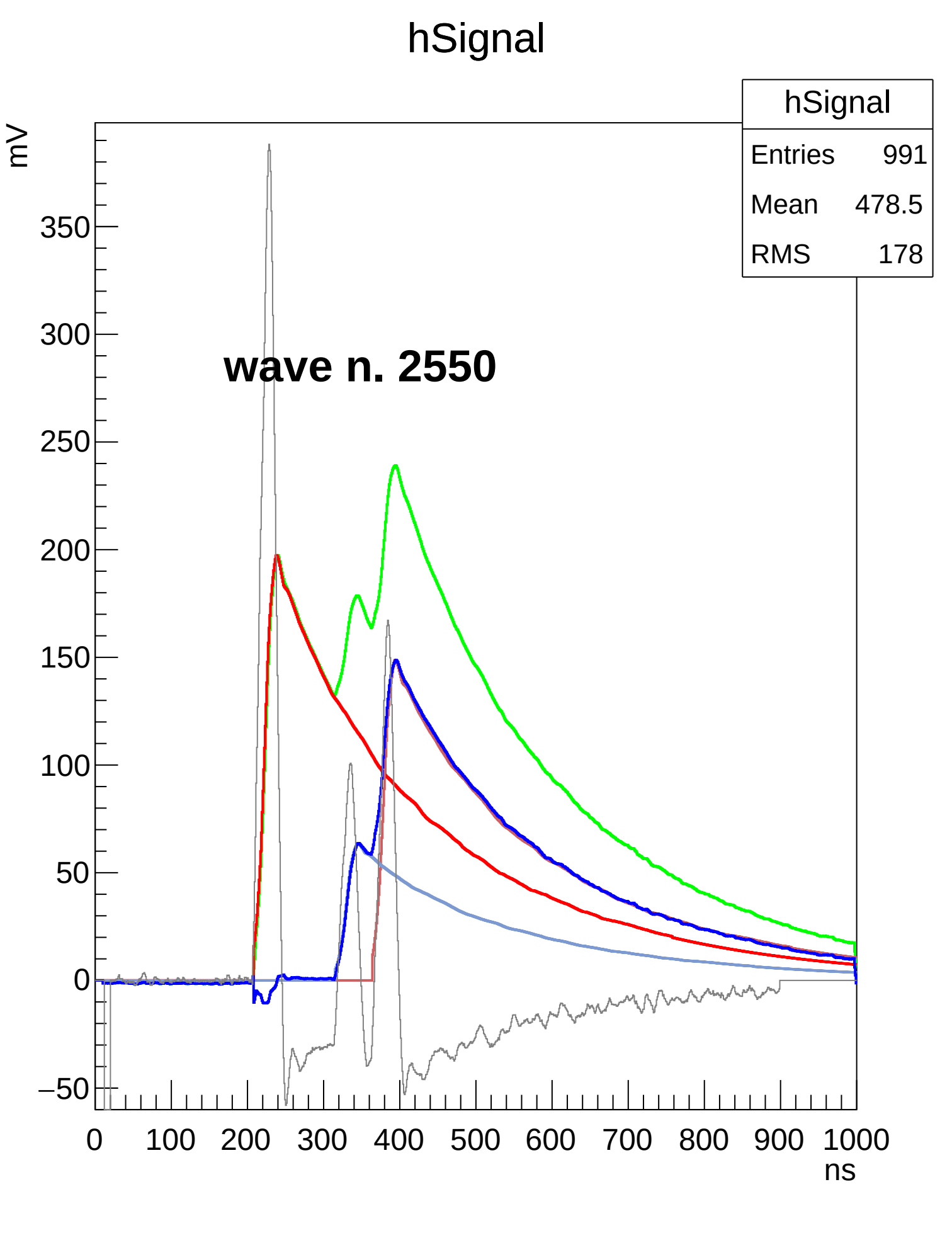
800
900
1000
ns

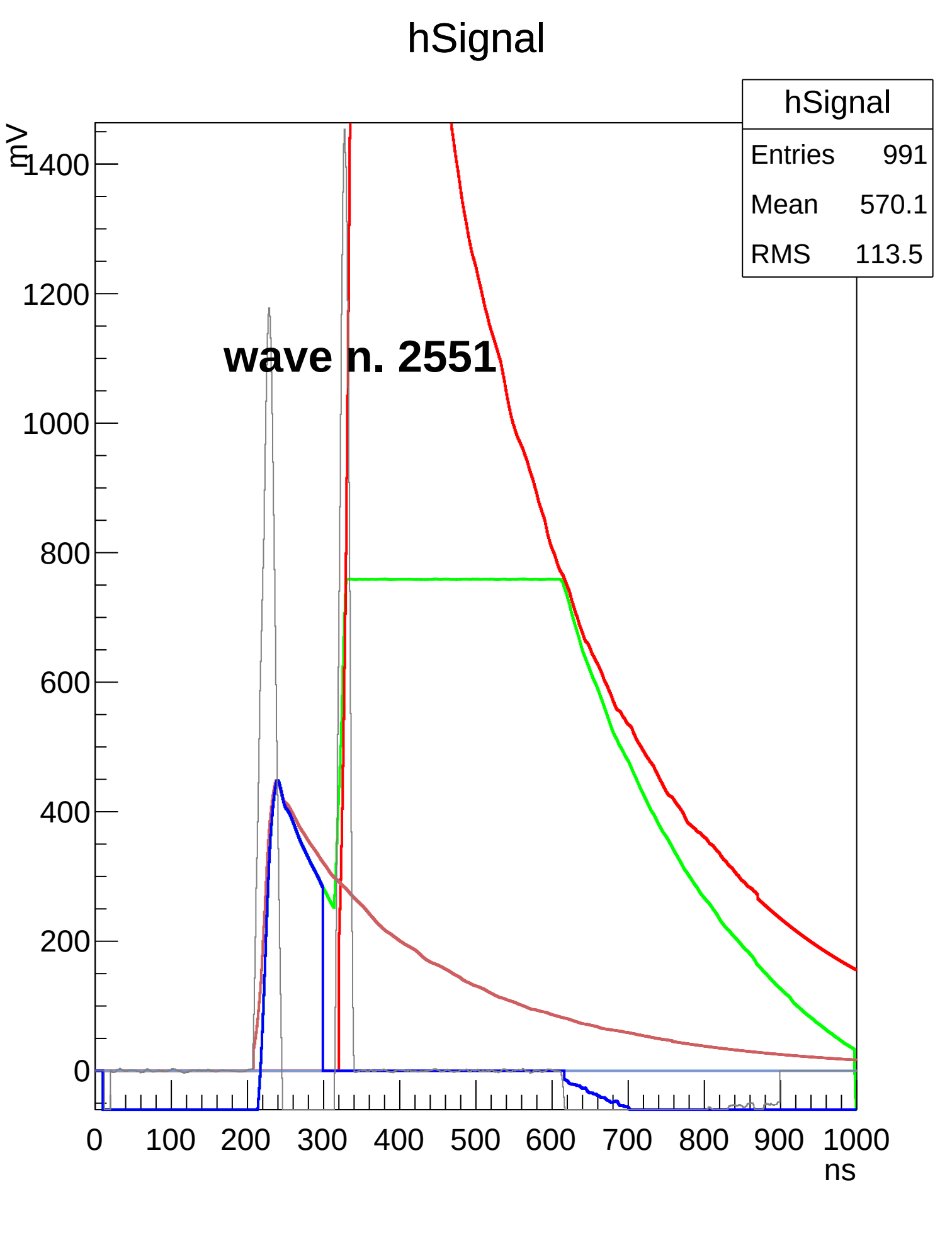

hSignal
hSignal
Entries 991
Mean 542.6
RMS 112.5
wave n. 2546
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

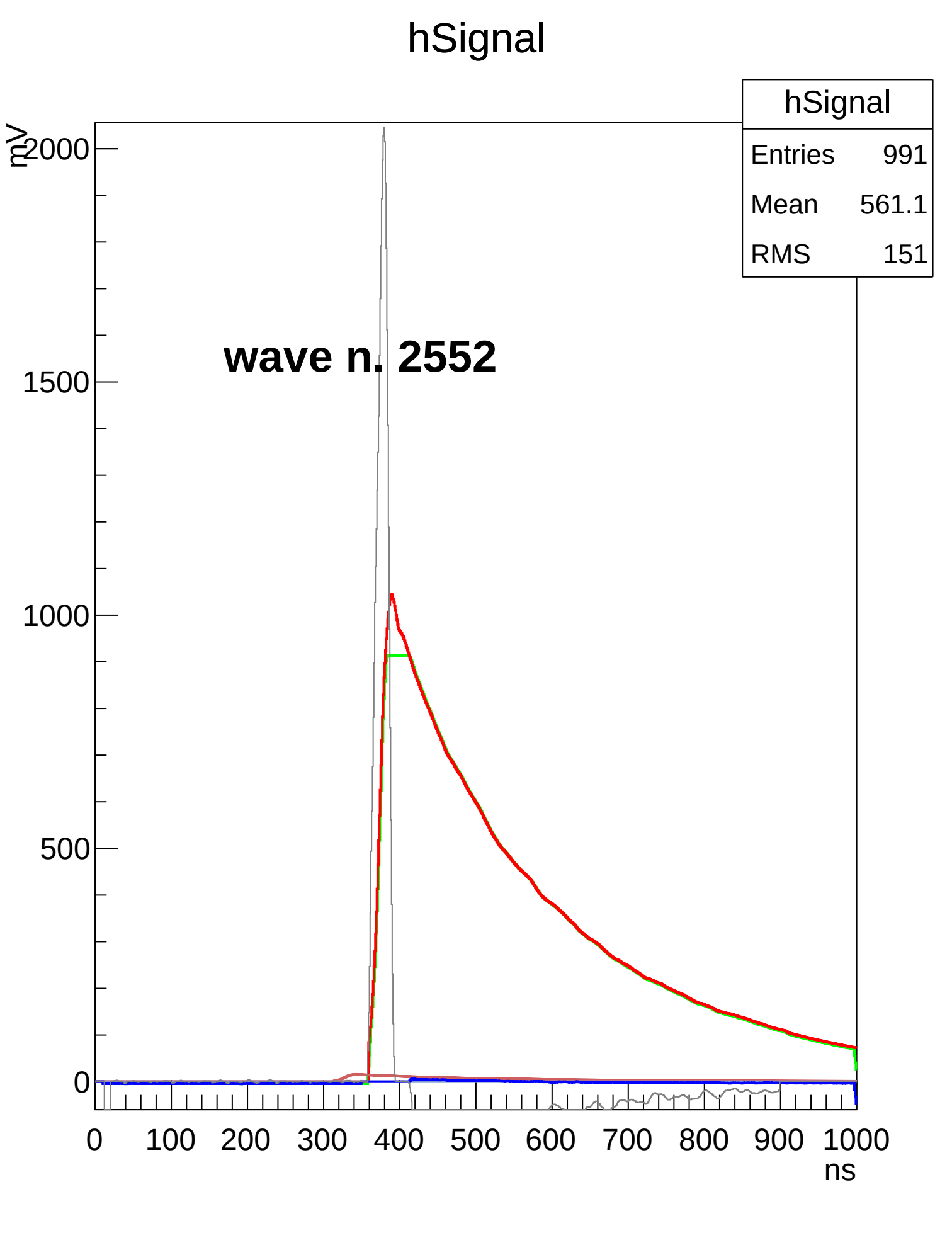

hSignal
hSignal
Entries 991
Mean 613
RMS 150.9
wave n. 2547
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 506.6
RMS 162.5
wave n. 2548
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 603.3
RMS 142.5
wave n. 2549
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 478.5
RMS 178
wave n. 2550
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.1
RMS 113.5
wave n. 2551
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.1
RMS 151
wave n. 2552
mV
2000
1500
1000
500
0
0
100
200
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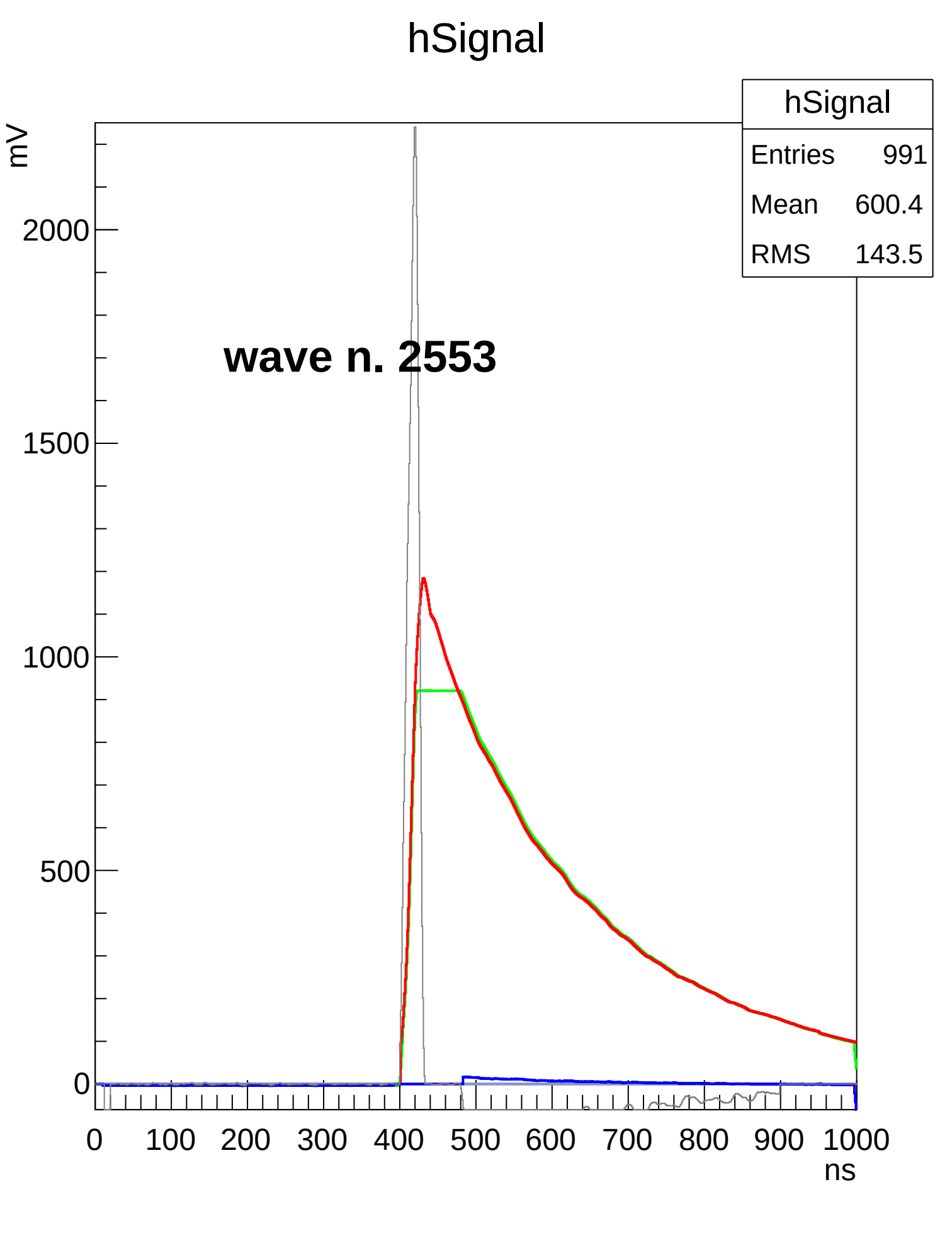
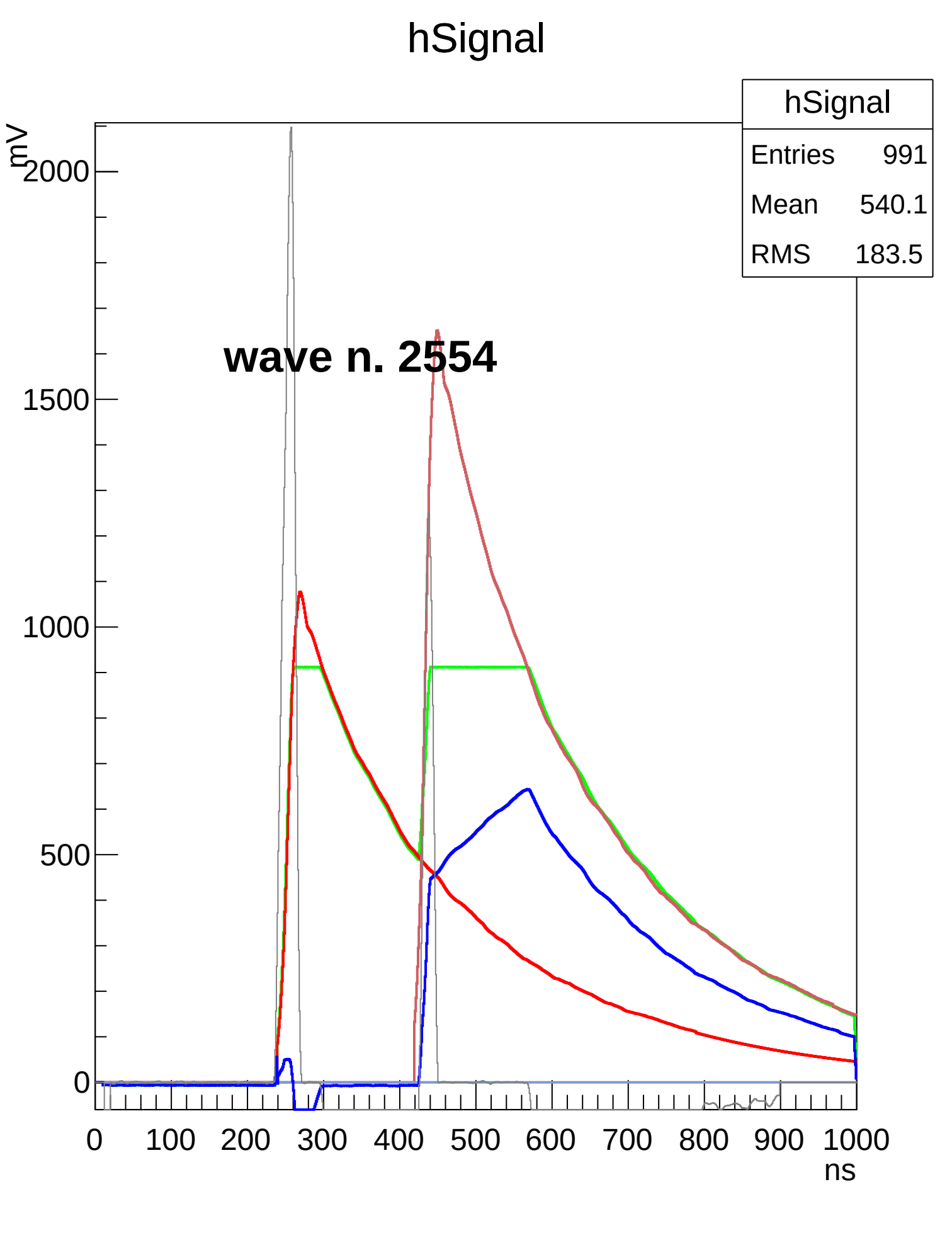
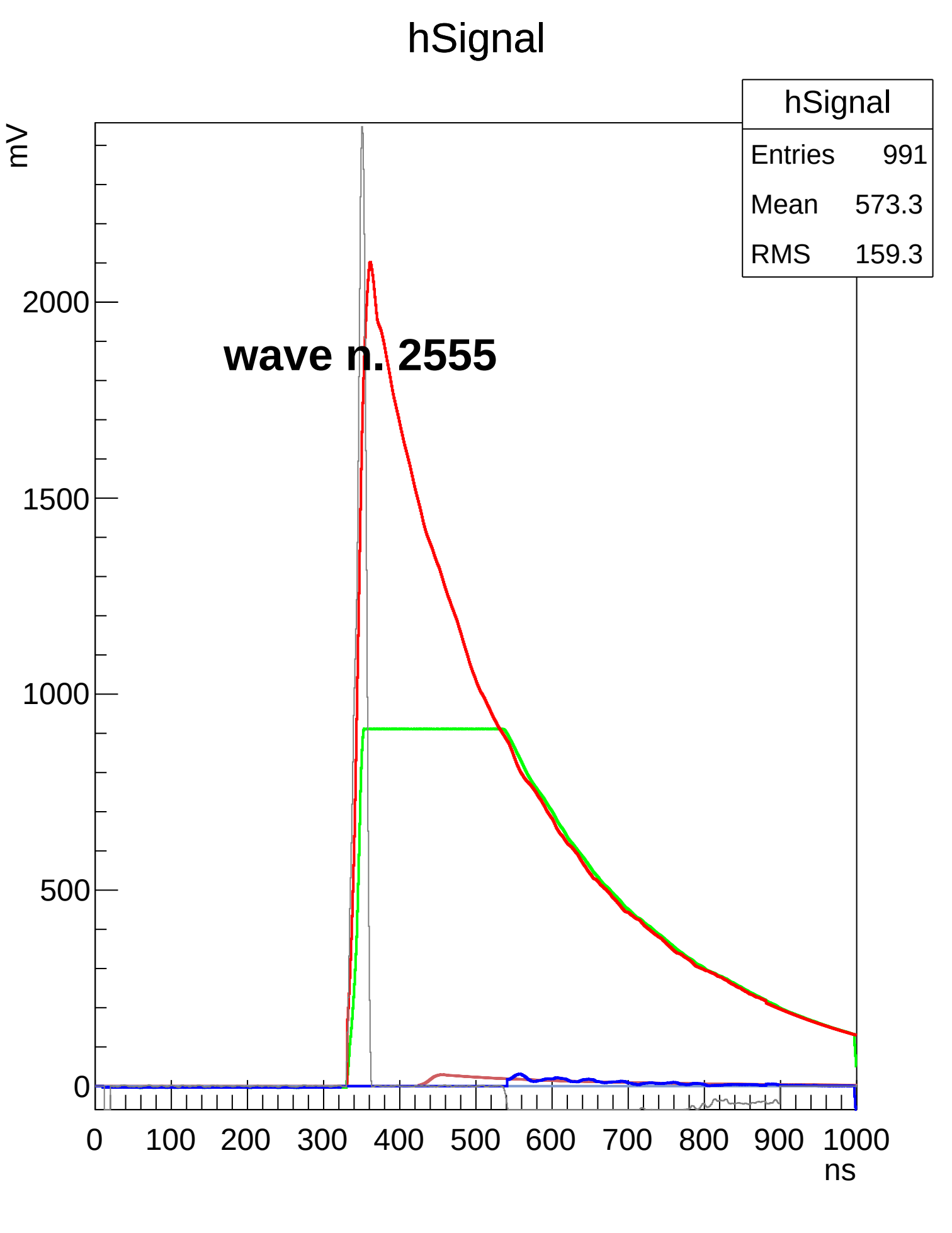
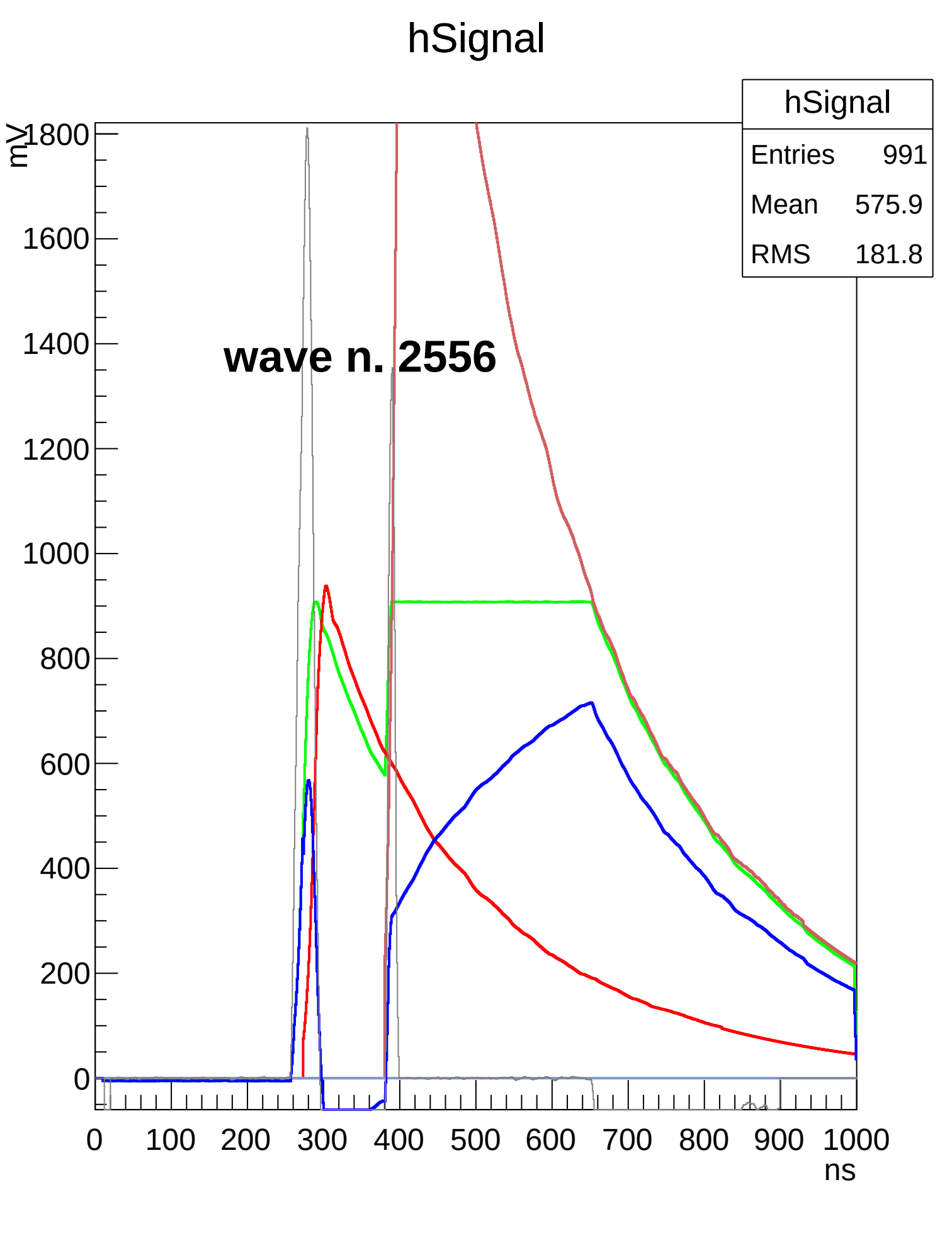
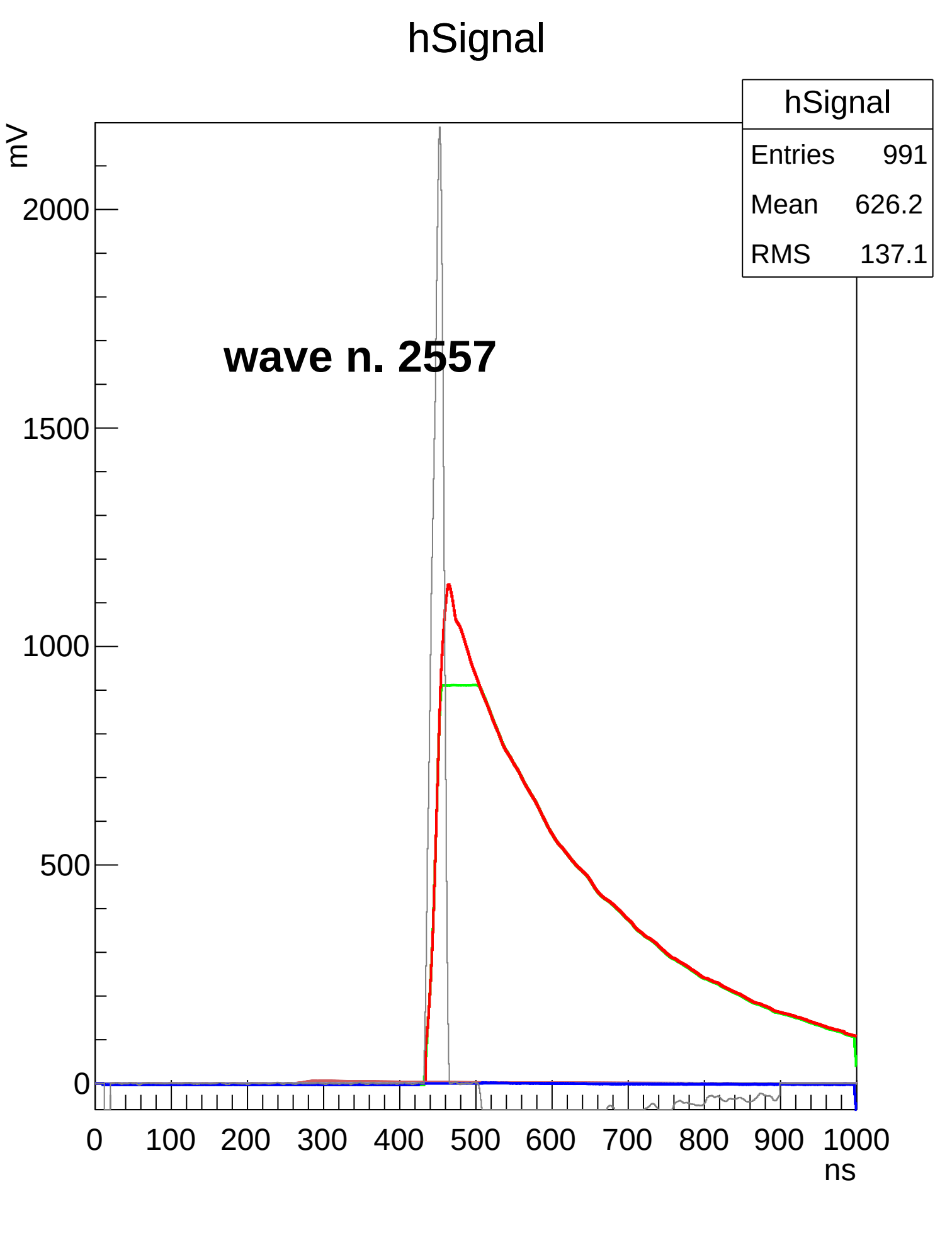
400
500
600
700
800
900
1000
ns

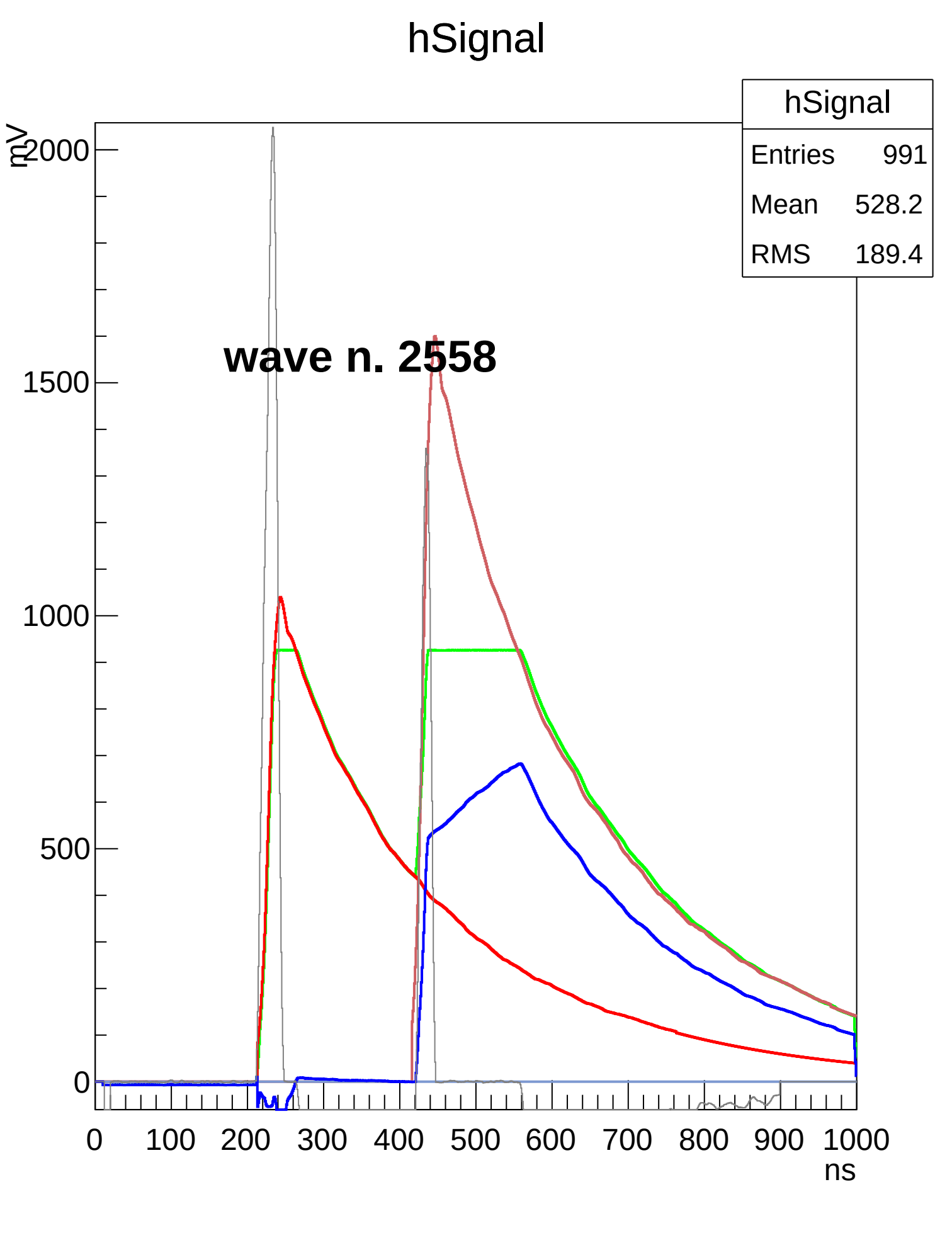

hSignal
hSignal
Entries 991
Mean 600.4
RMS 143.5
wave n. 2553
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

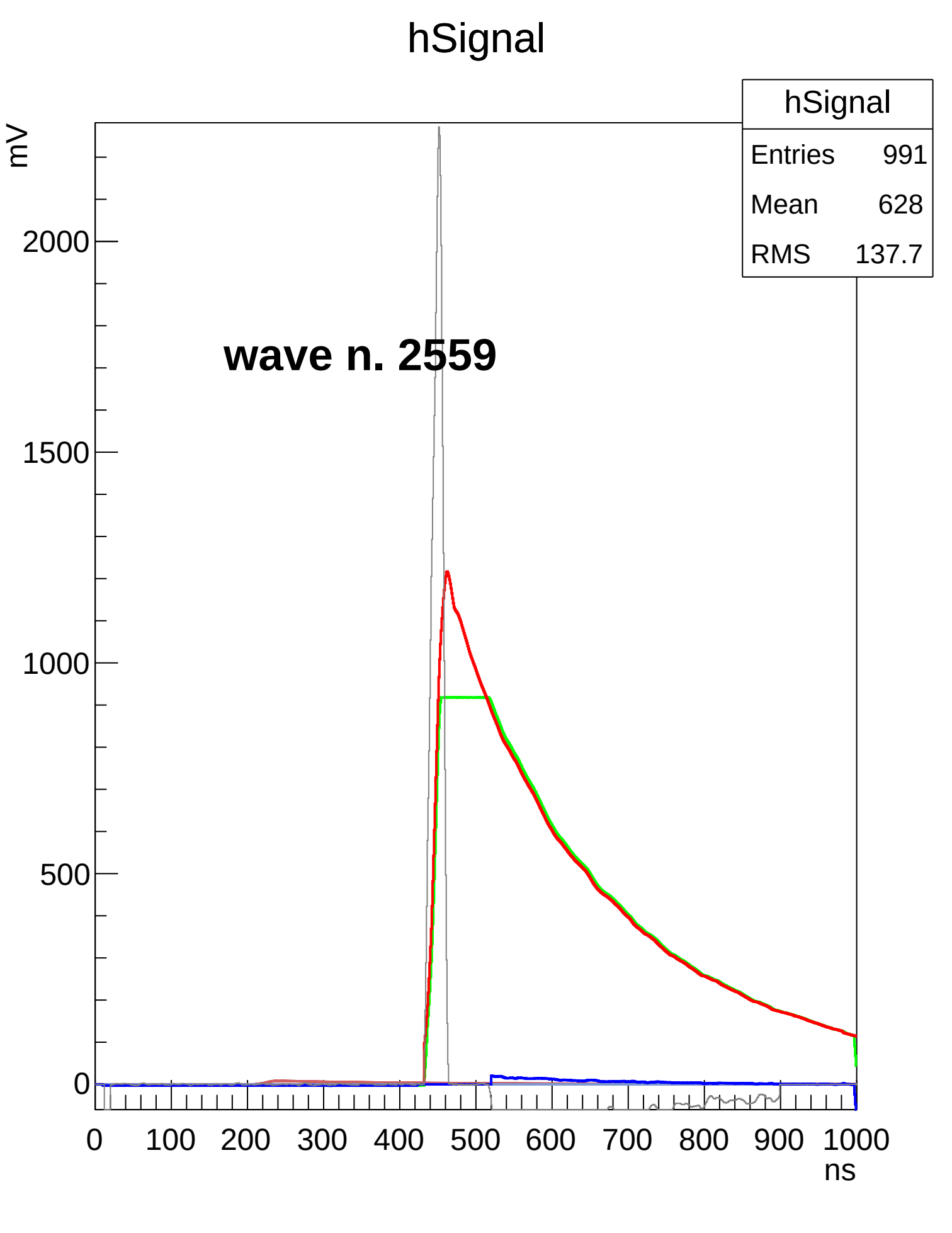

hSignal
hSignal
Entries 991
Mean 540.1
RMS 183.5
wave n. 2554
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

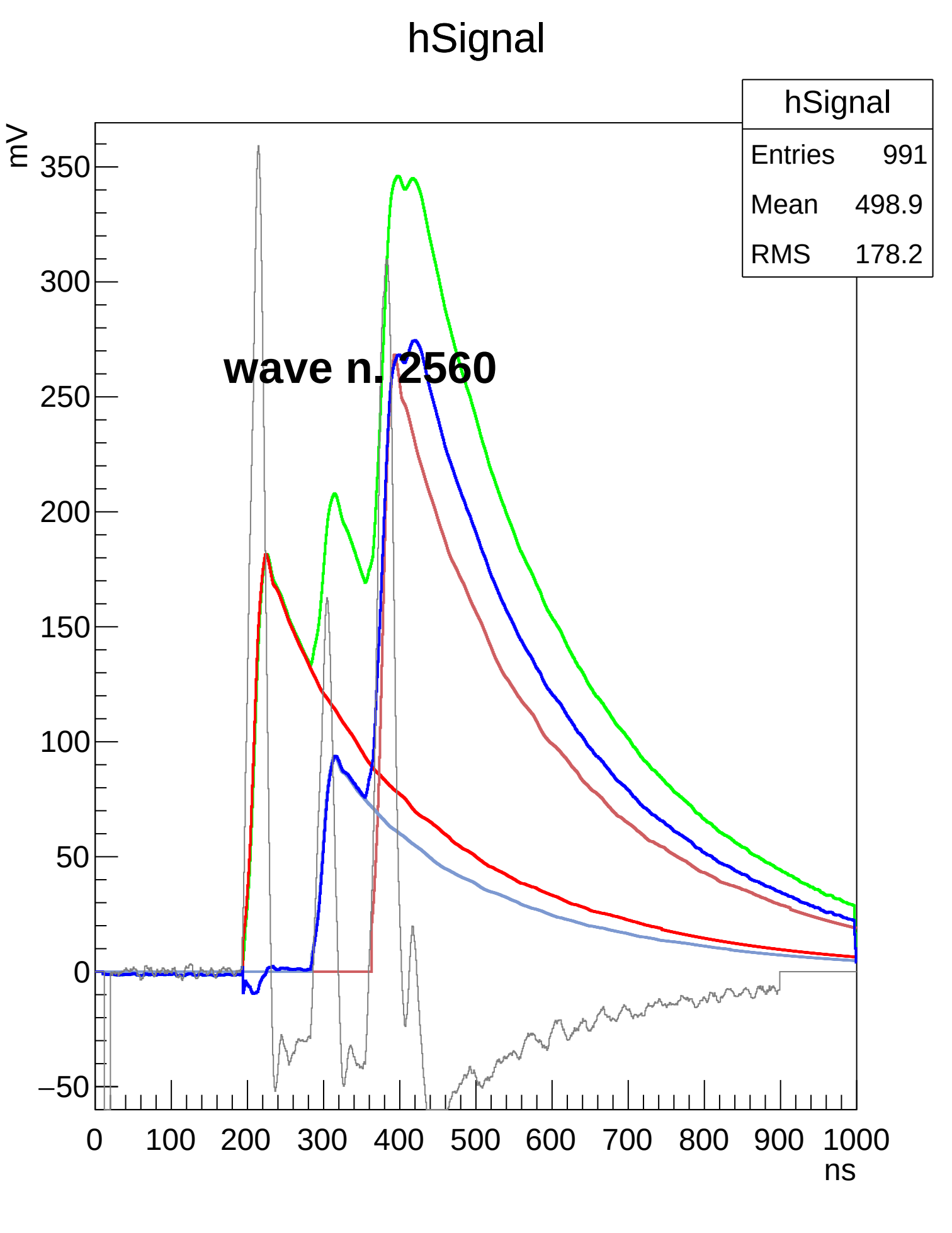

hSignal
hSignal
Entries 991
Mean 573.3
RMS 159.3
wave n. 2555
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

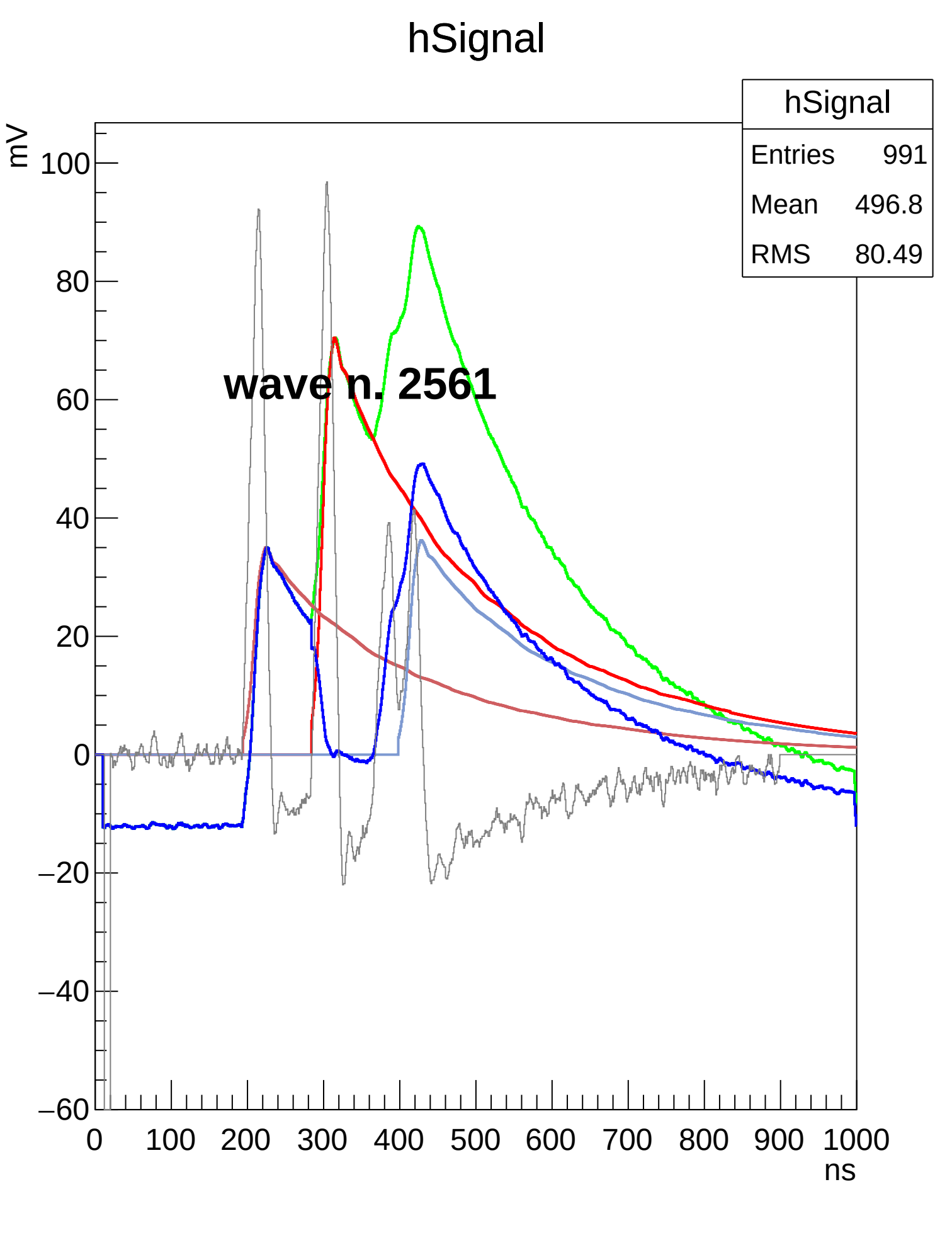

hSignal
hSignal
Entries 991
Mean 575.9
RMS 181.8
wave n. 2556
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

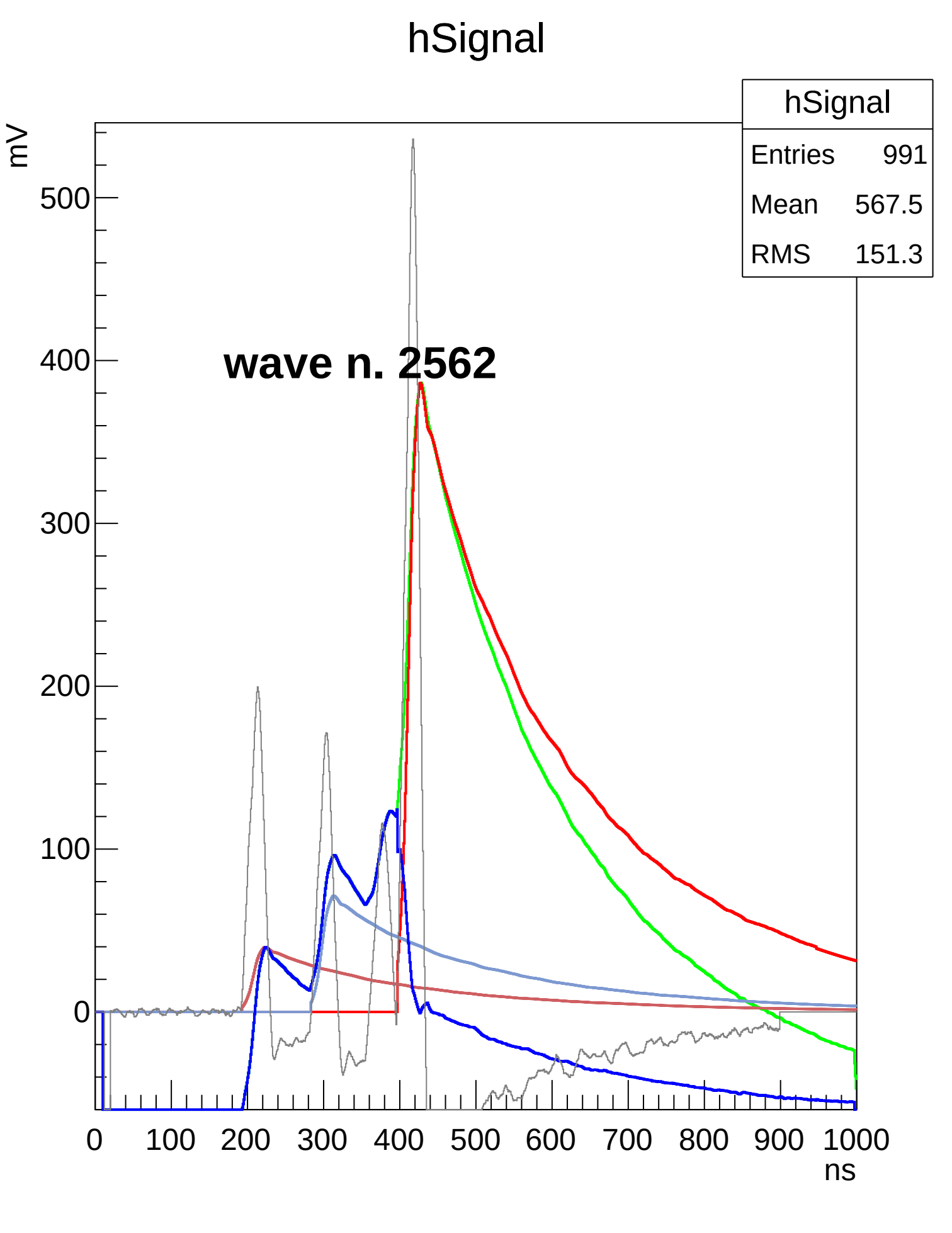

hSignal
hSignal
Entries 991
Mean 626.2
RMS 137.1
wave n. 2557
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

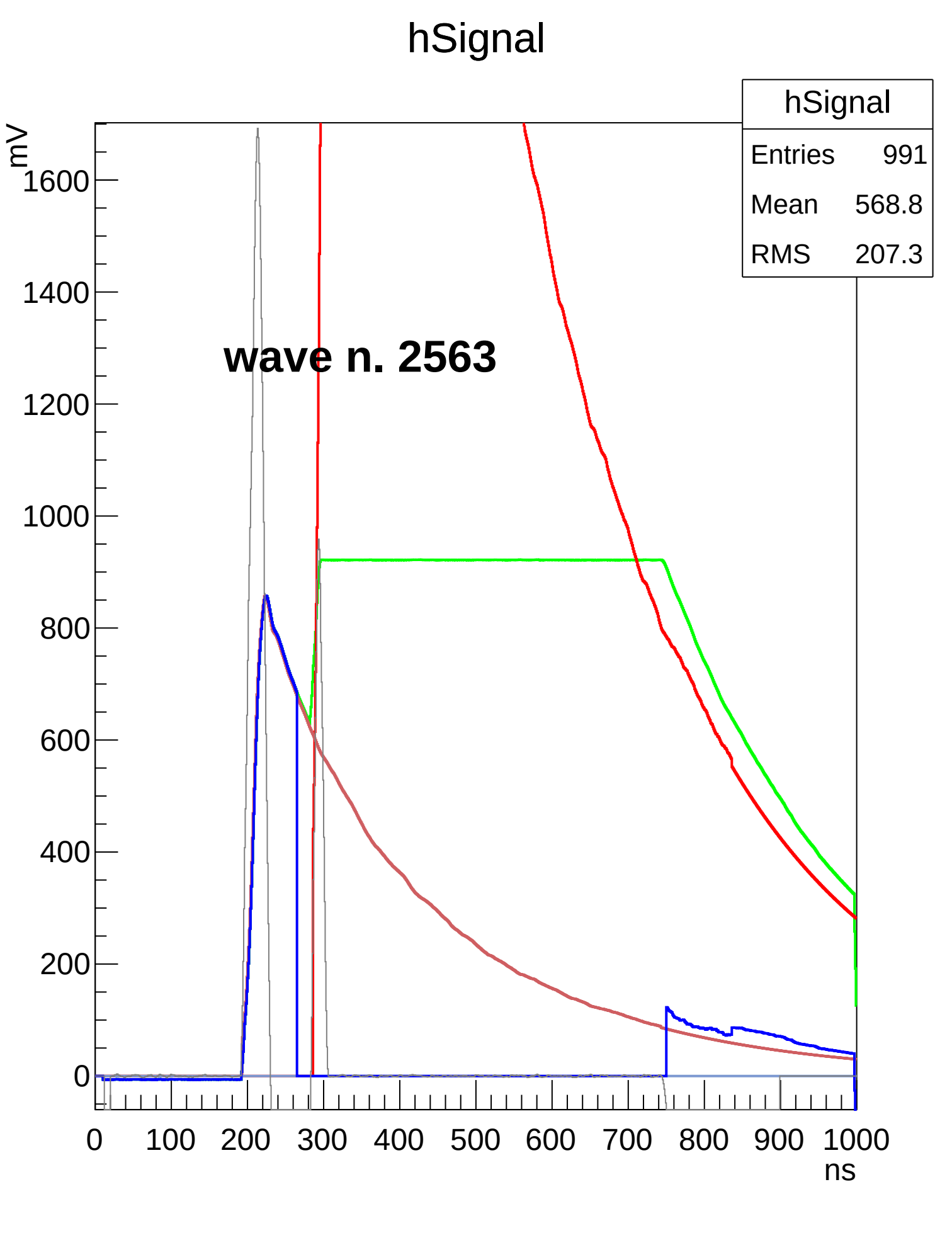

hSignal
hSignal
Entries 991
Mean 528.2
RMS 189.4
wave n. 2558
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

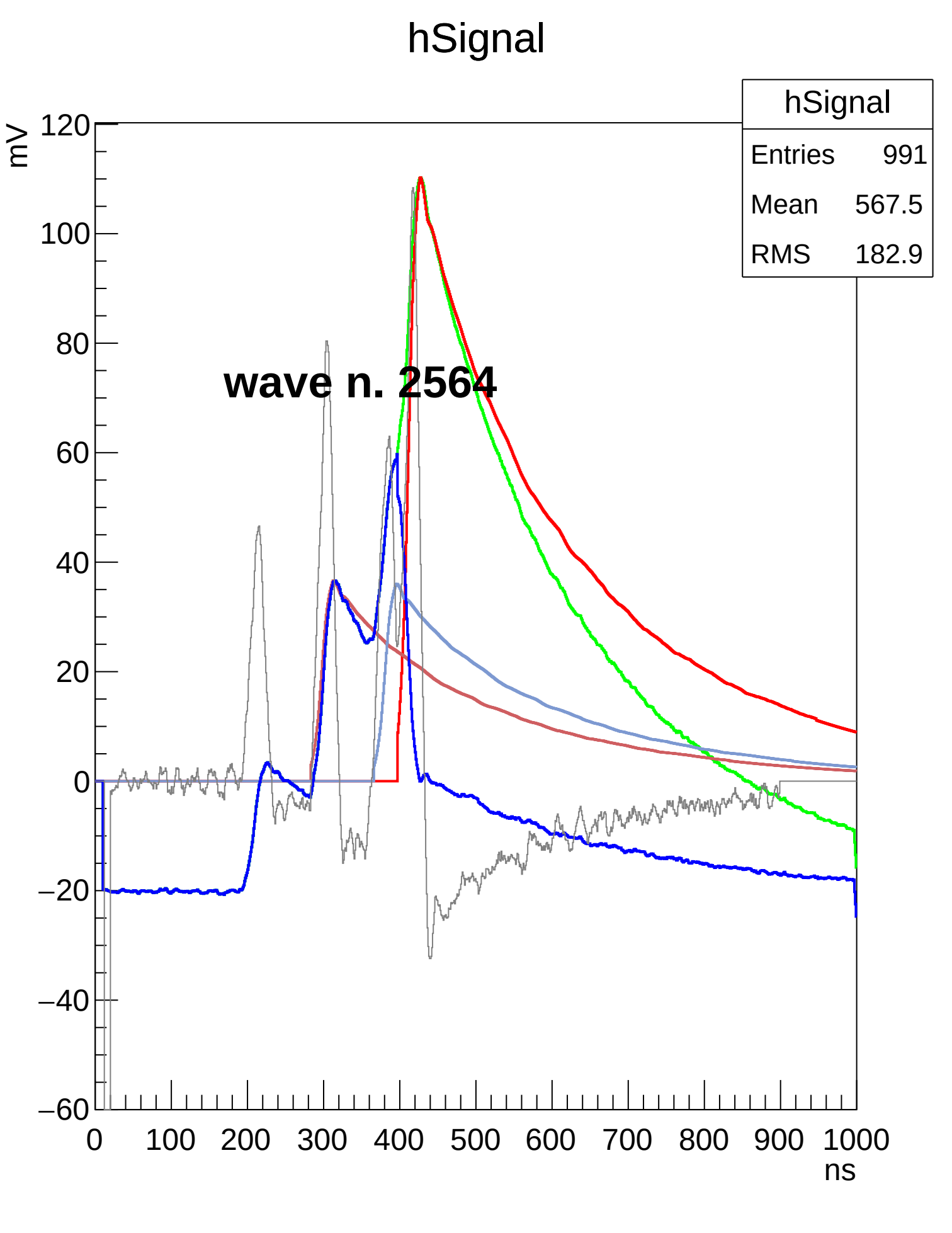

hSignal
hSignal
Entries 991
Mean 628
RMS 137.7
wave n. 2559
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

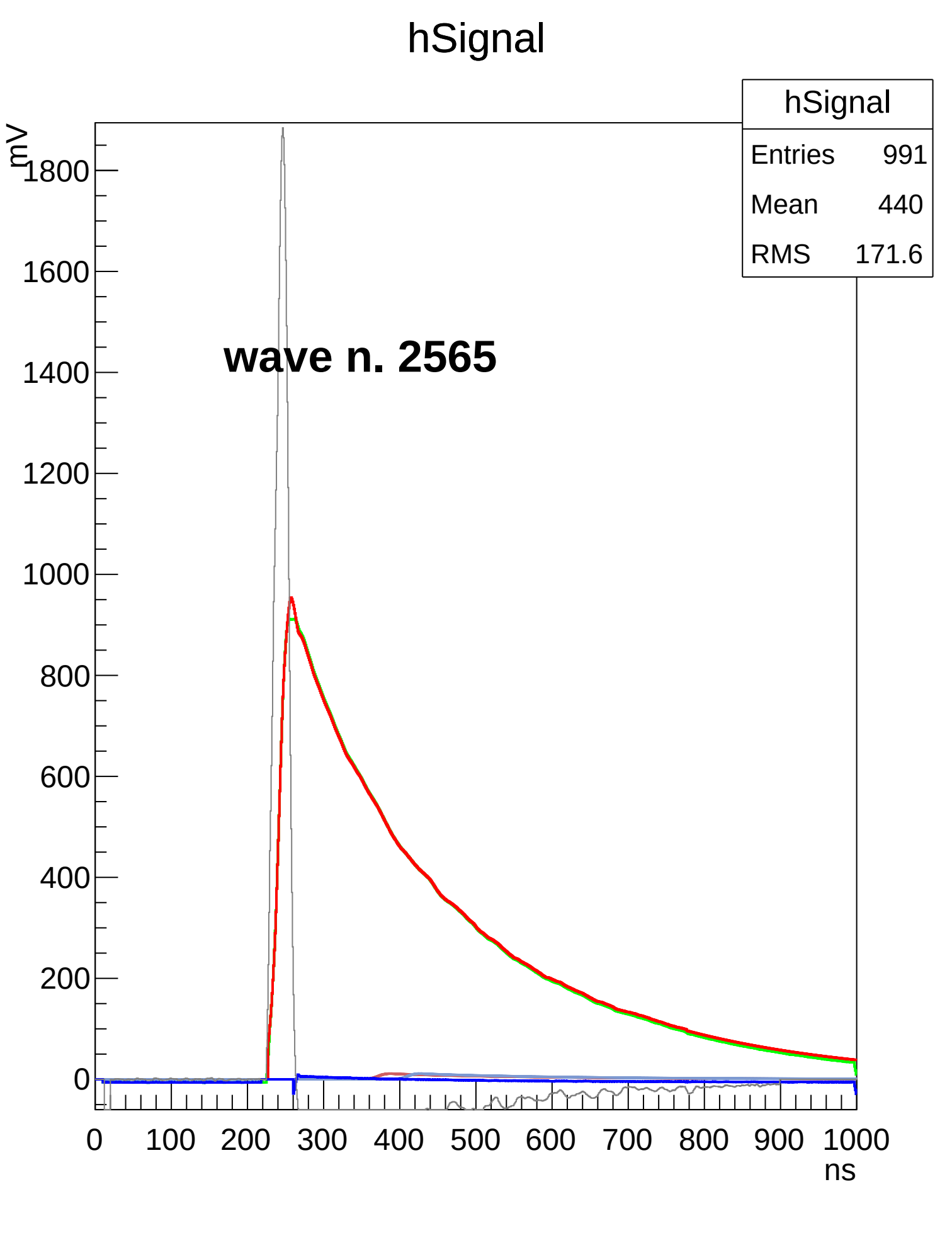

hSignal
hSignal
Entries 991
Mean 498.9
RMS 178.2
wave n. 2560
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

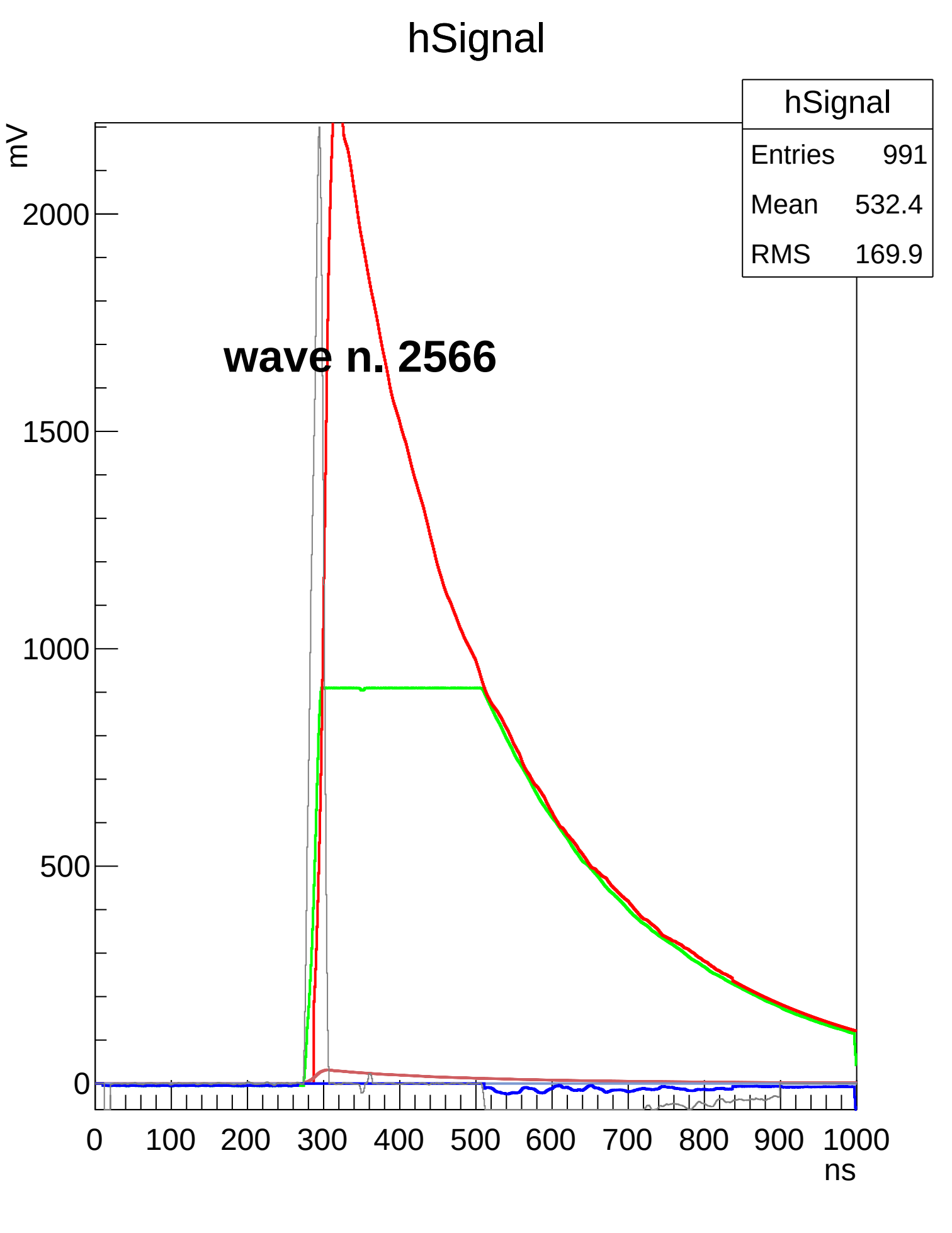

hSignal
hSignal
Entries 991
Mean 496.8
RMS 80.49
wave n. 2561
mV
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns

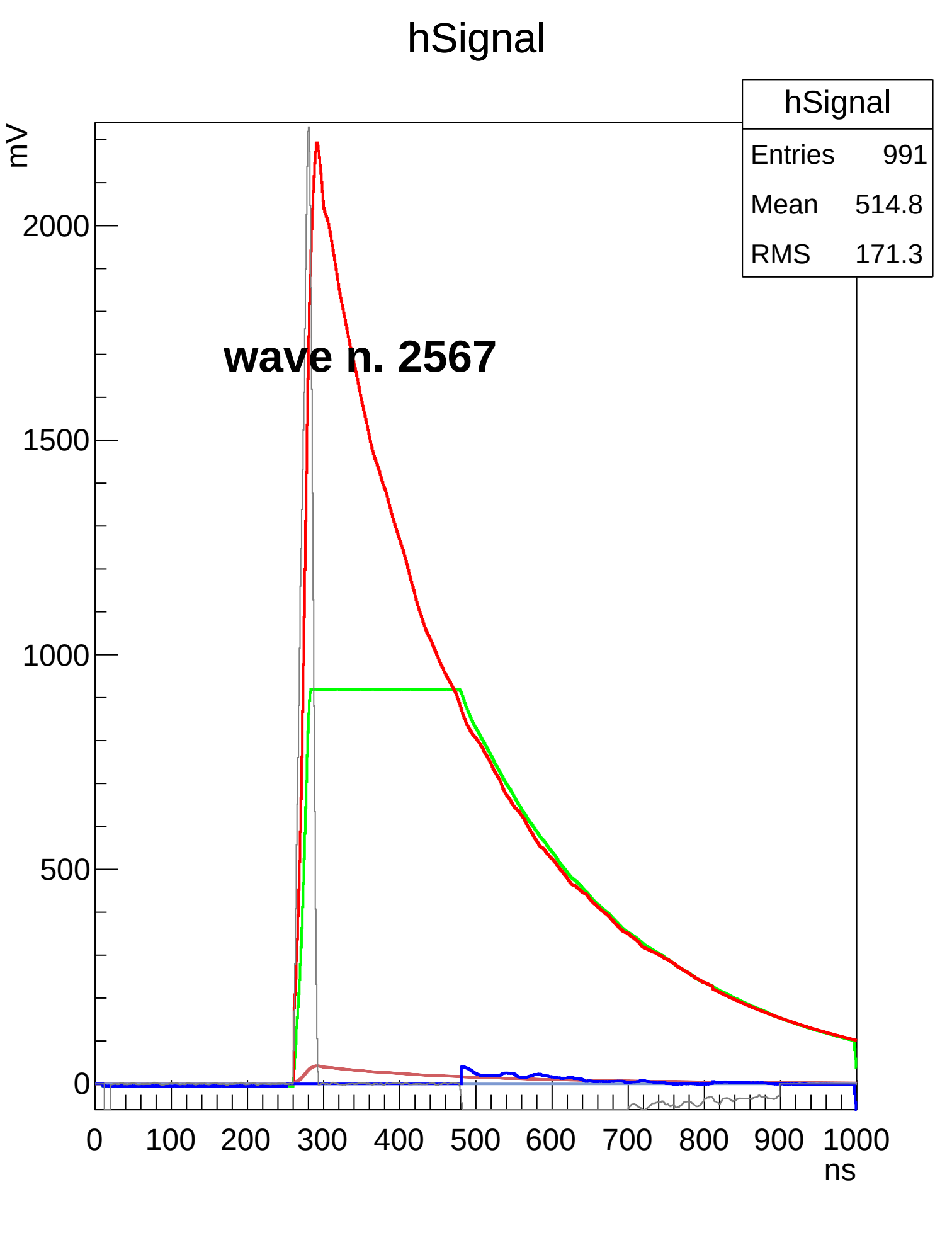

hSignal
hSignal
Entries 991
Mean 567.5
RMS 151.3
wave n. 2562
mV
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 568.8
RMS 207.3
wave n. 2563
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 567.5
RMS 182.9
wave n. 2564
mV
120
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 440
RMS 171.6
wave n. 2565
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 532.4
RMS 169.9
wave n. 2566
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 514.8
RMS 171.3
wave n. 2567
mV
2000
1500
1000
500
0
0
100
200
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400
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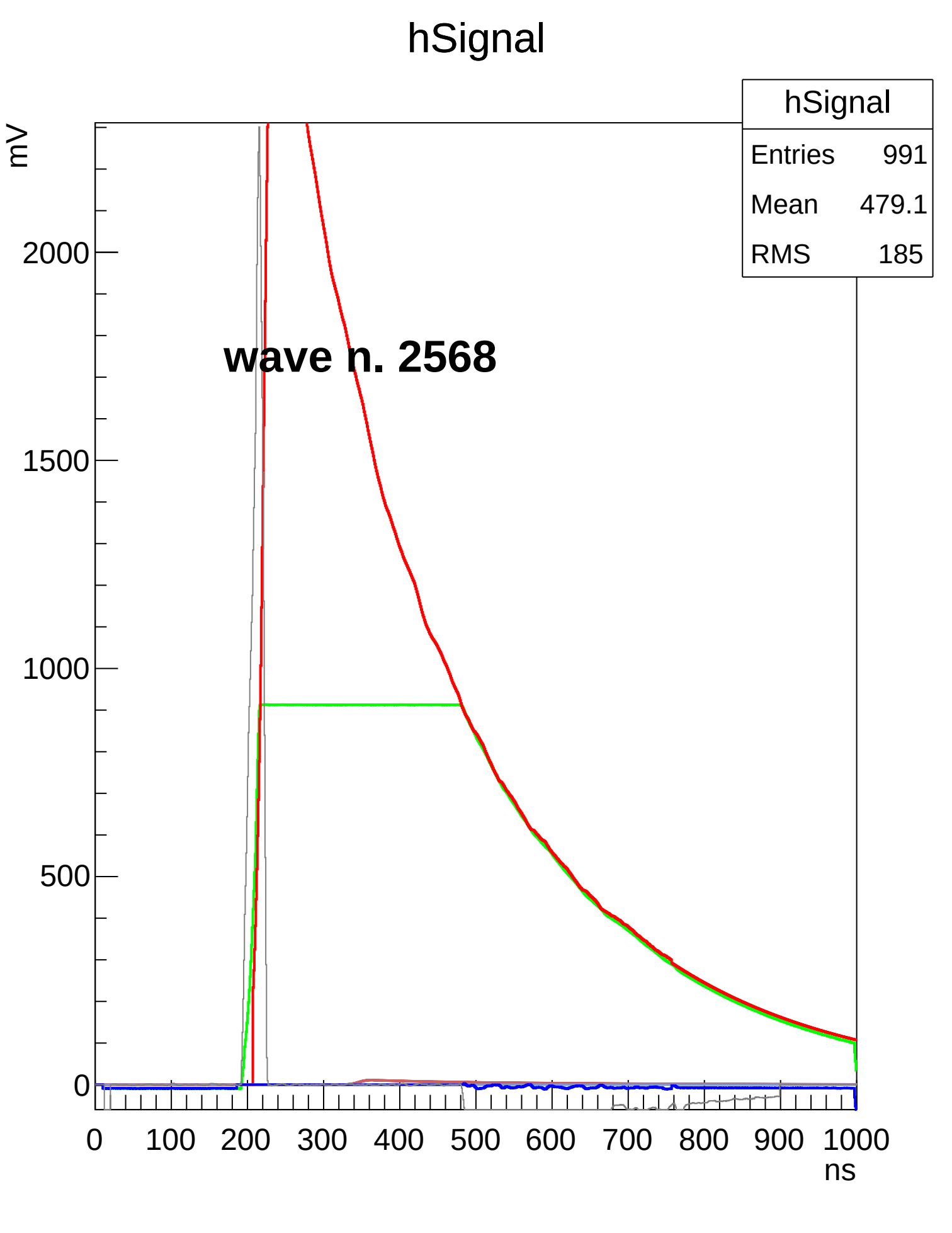
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 479.1
RMS 185
wave n. 2568
mV
2000
1500
1000
500
0
0
100
200
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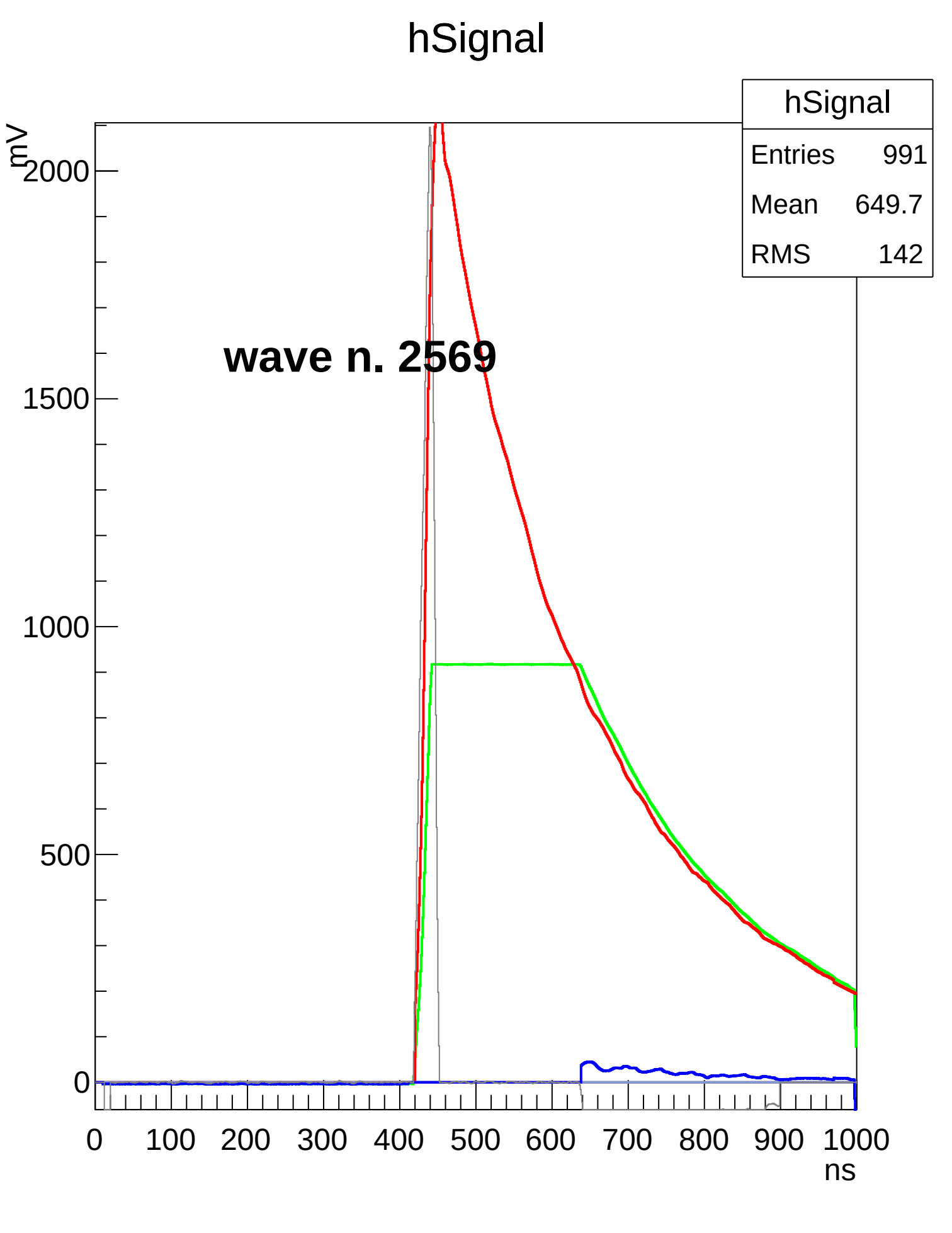
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 649.7
RMS 142
wave n. 2569
mV
2000
1500
1000
500
0
0
100
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400
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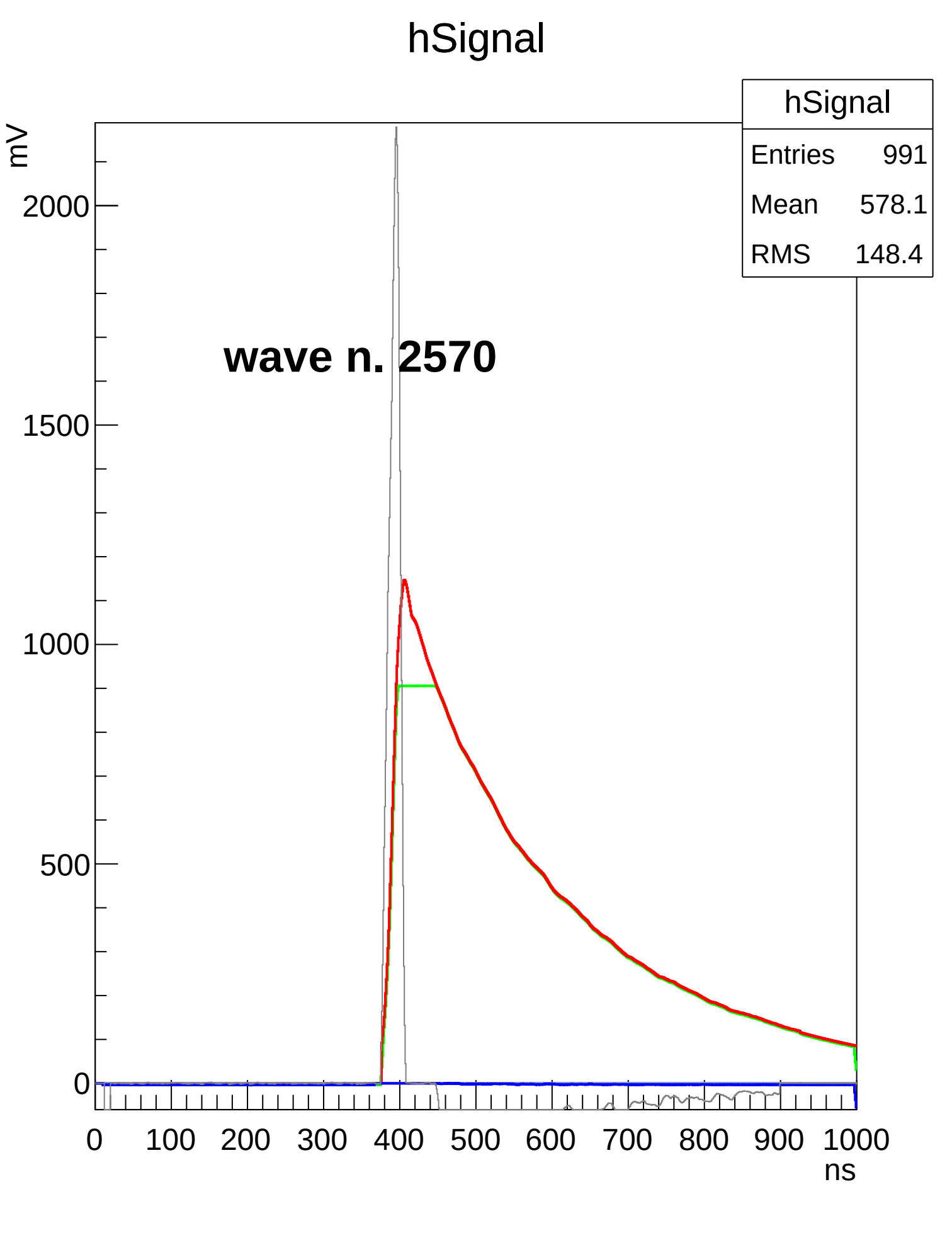
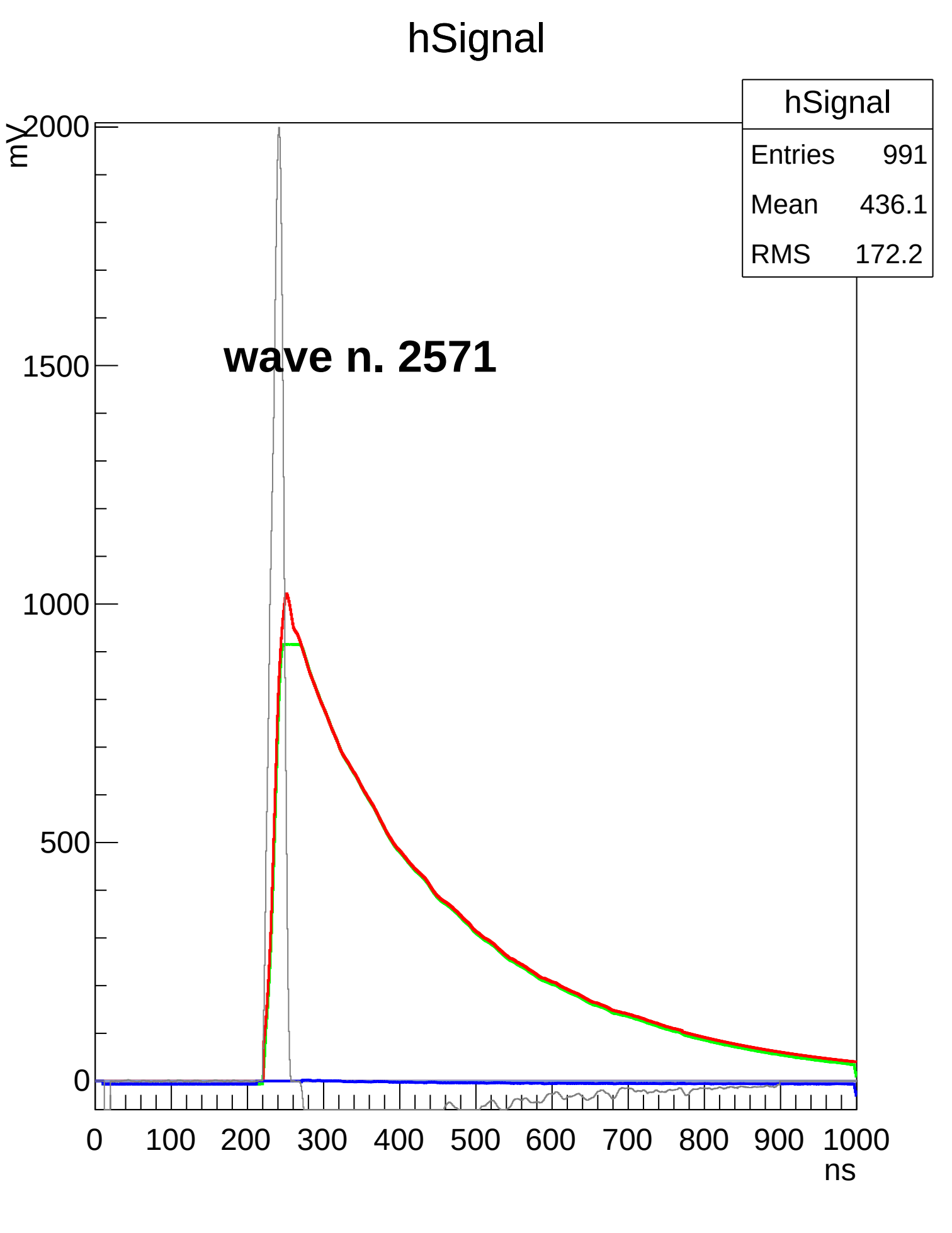
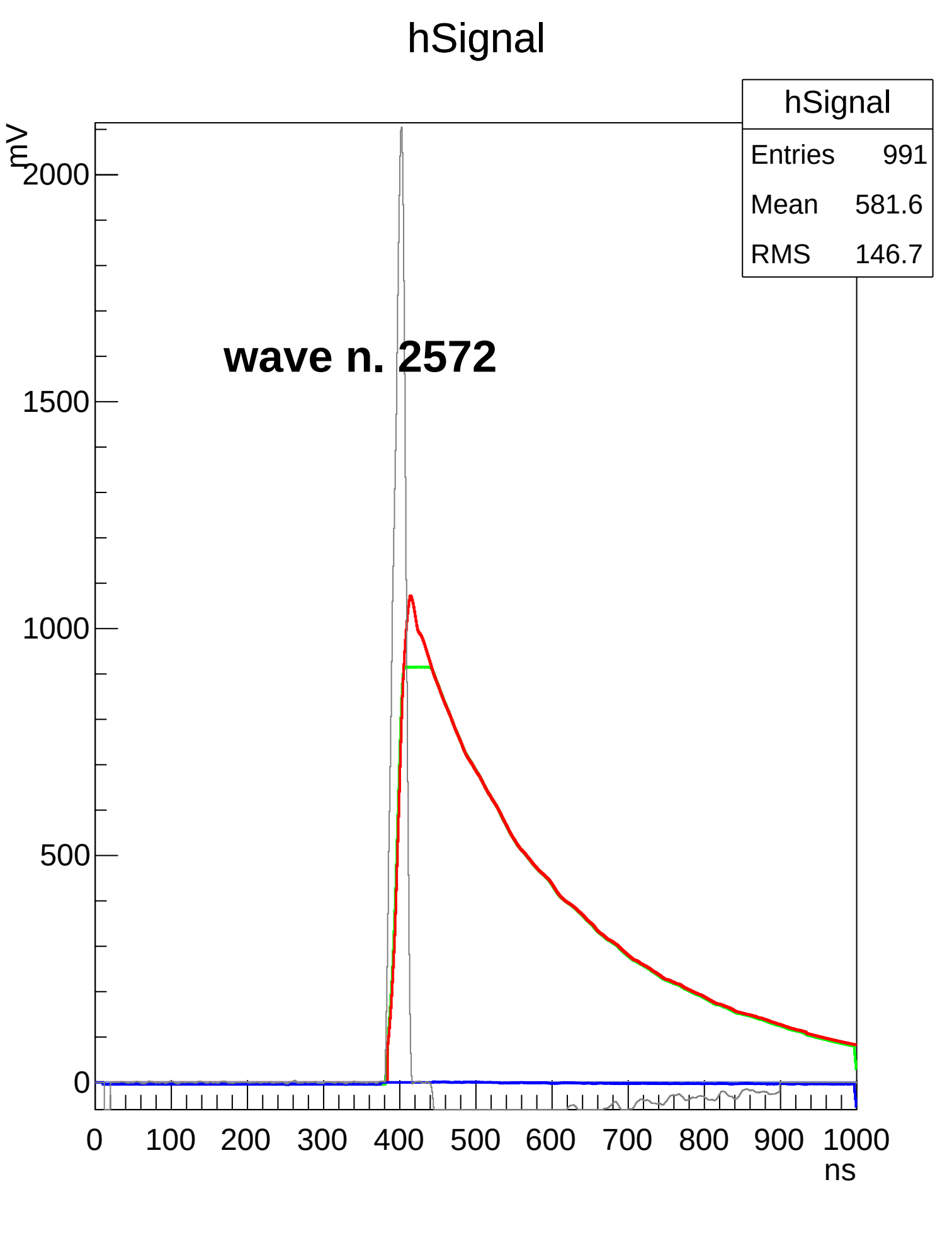
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578.1
RMS 148.4
wave n. 2570
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 436.1
RMS 172.2
wave n. 2571
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 581.6
RMS 146.7
wave n. 2572
mV
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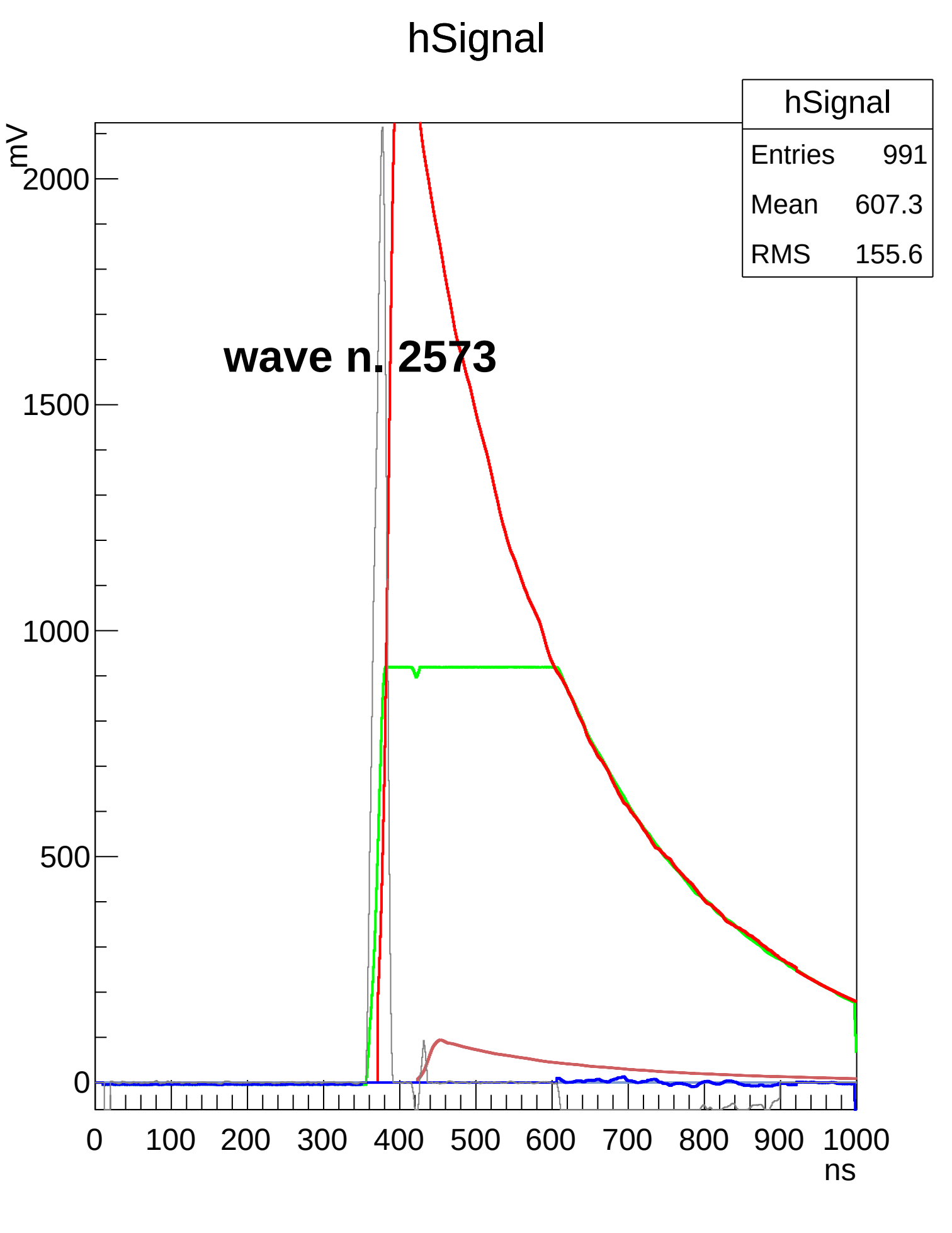
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
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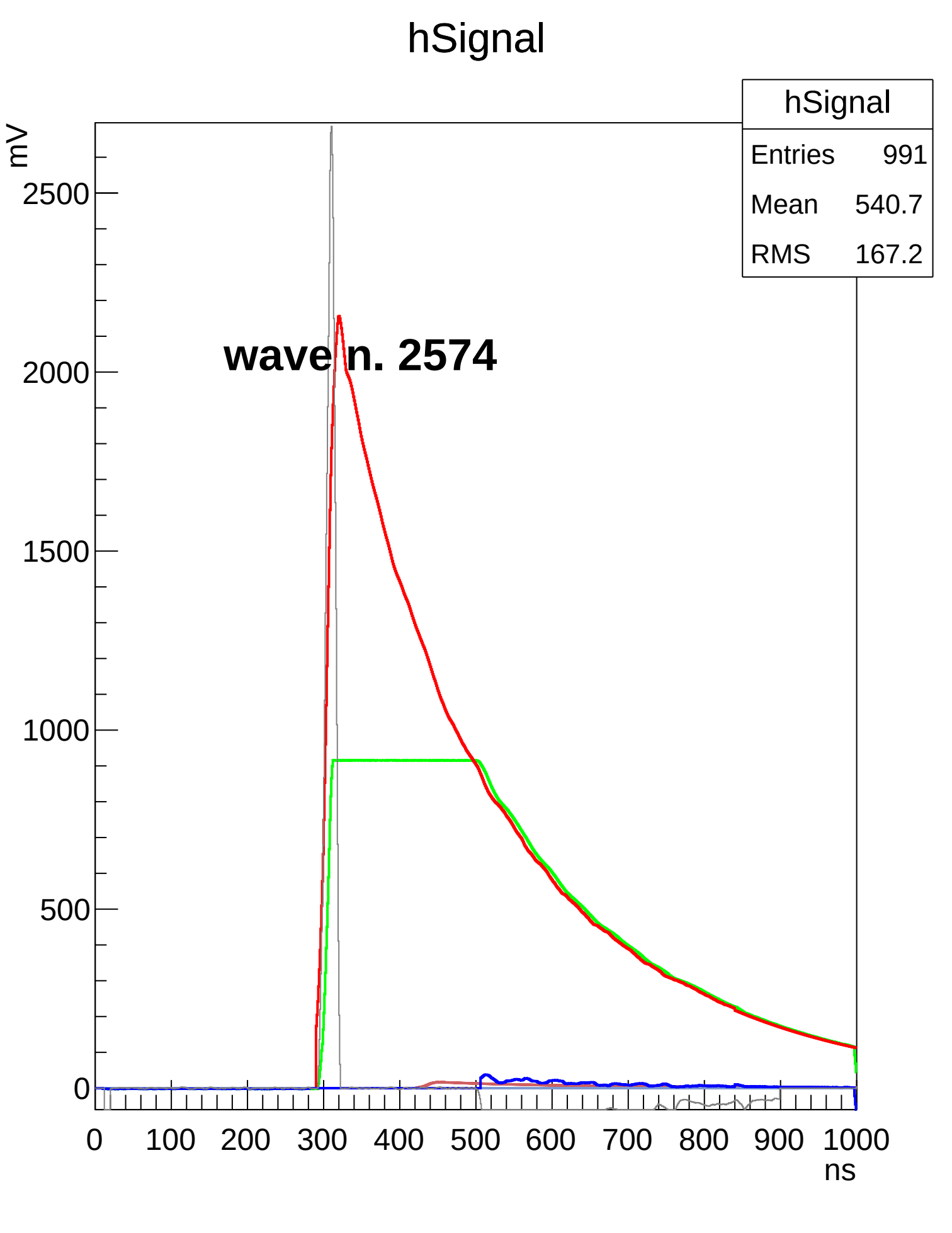
Entries 991
Mean 607.3
RMS 155.6
wave n. 2573
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 540.7
RMS 167.2
wave n. 2574
mV
2500
2000
1500
1000
500
0
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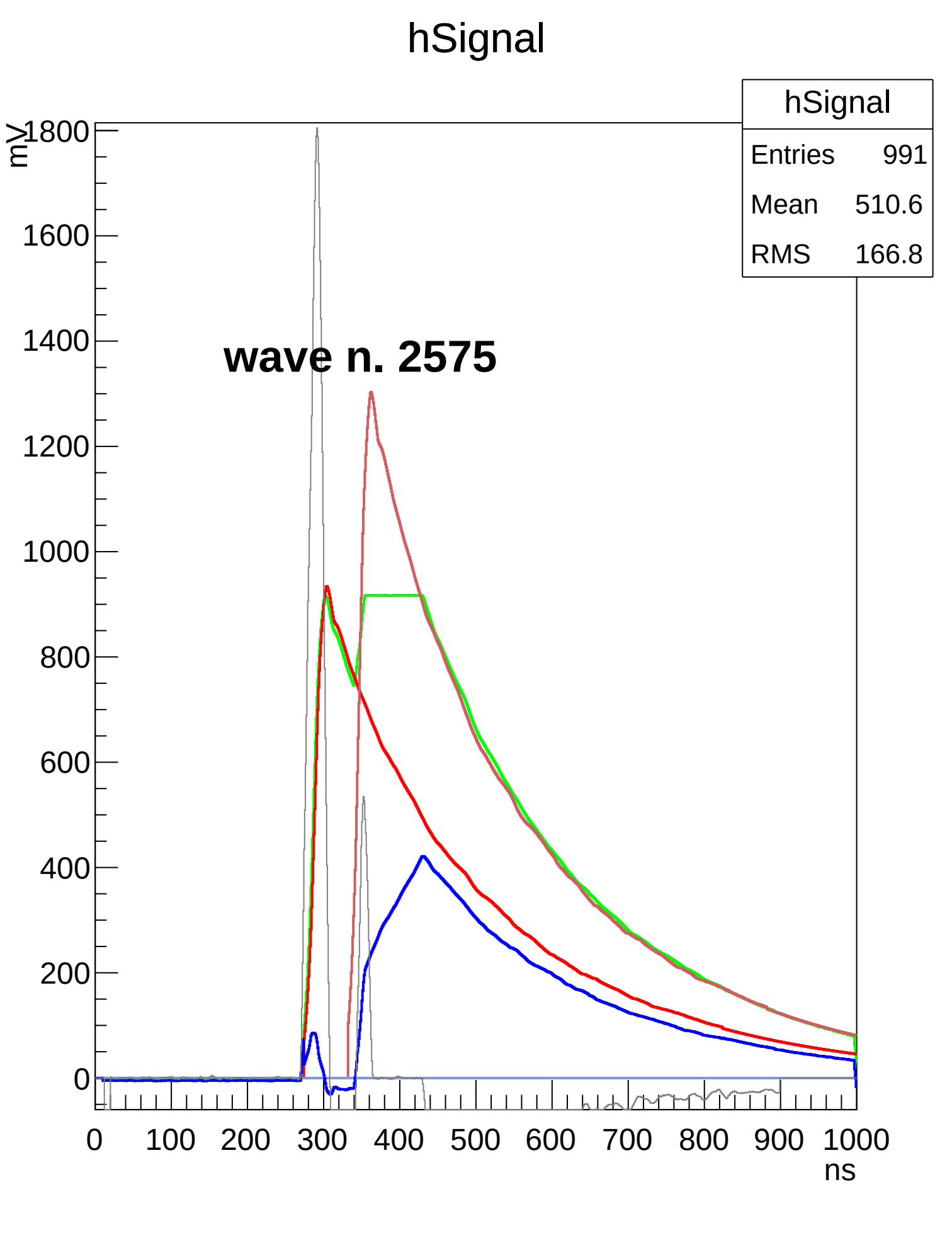
ns


hSignal
hSignal
Entries 991
Mean 510.6
RMS 166.8
wave n. 2575
mV
1800
1600
1400
1200
1000
800
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400
200
0
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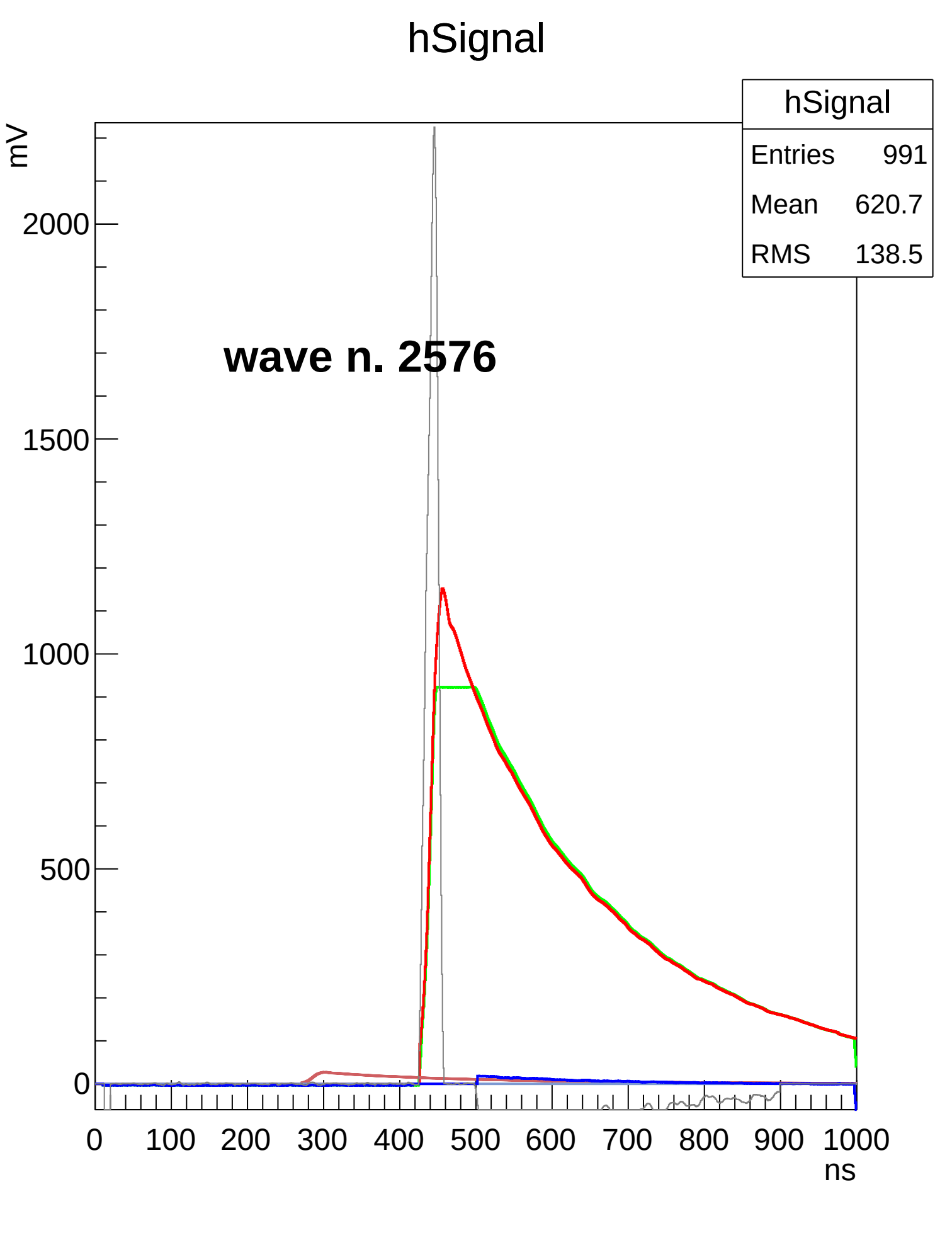
ns


hSignal
hSignal
Entries 991
Mean 620.7
RMS 138.5
wave n. 2576
mV
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1500
1000
500
0
0
100
200
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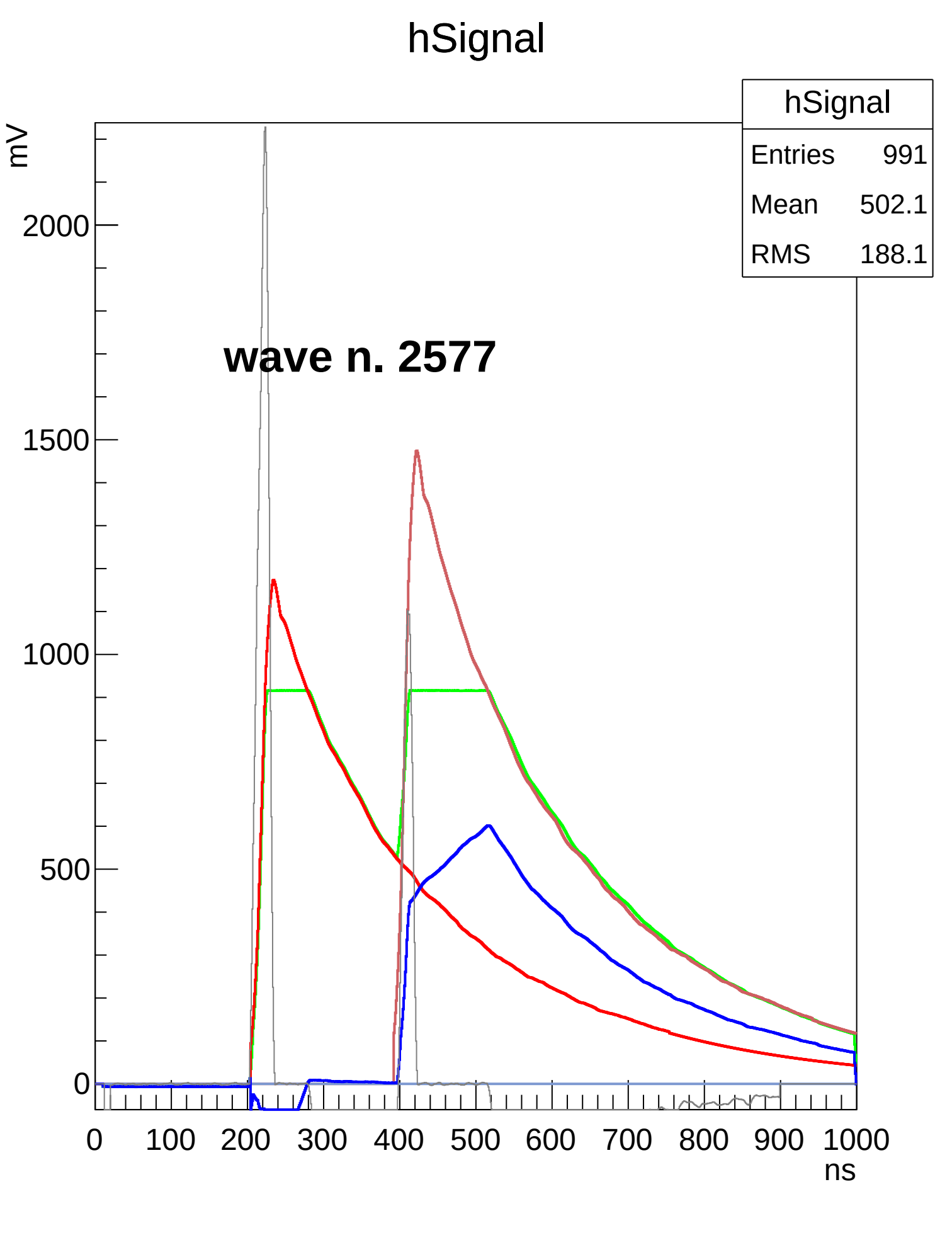
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.1
RMS 188.1
wave n. 2577
mV
2000
1500
1000
500
0
0
100
200
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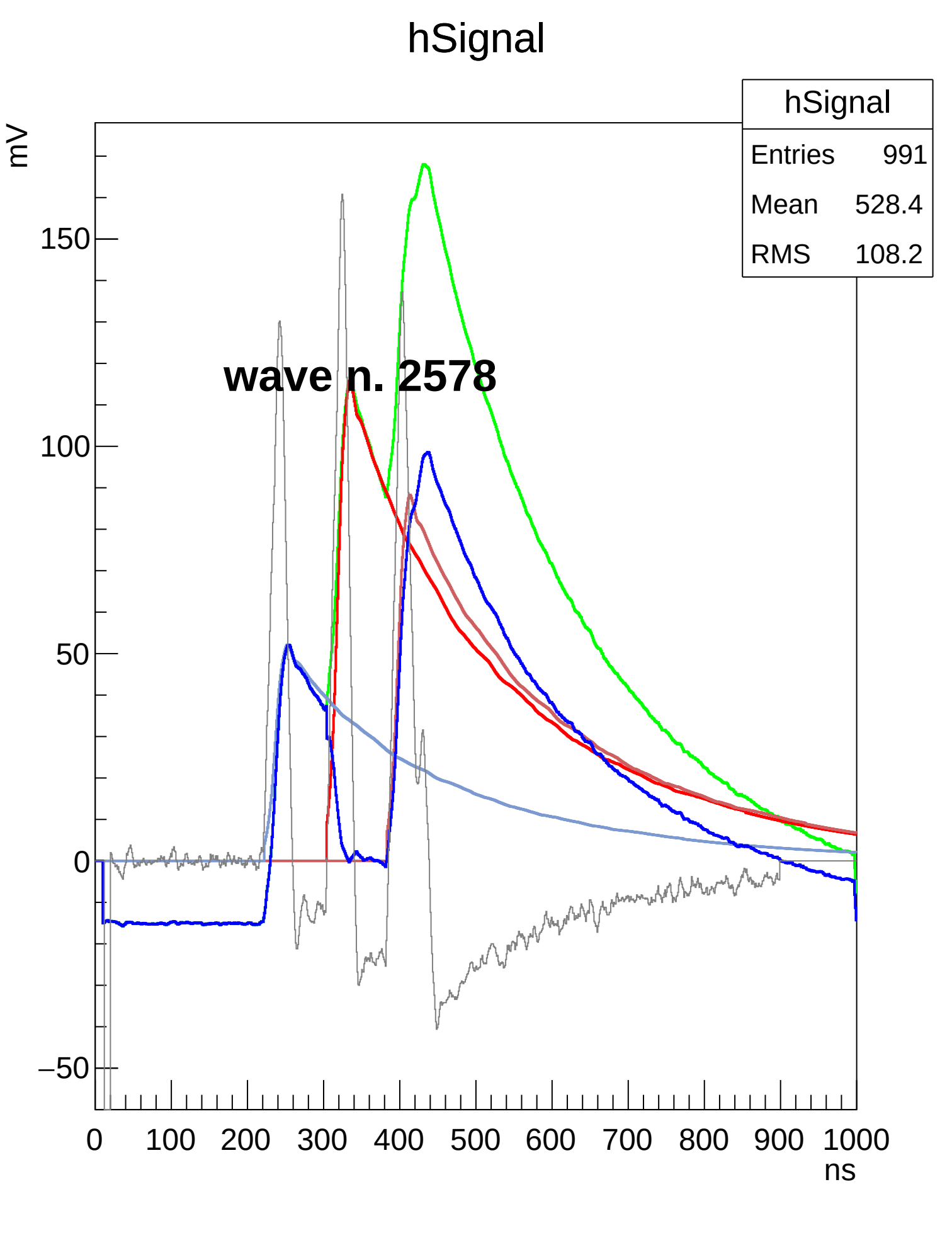
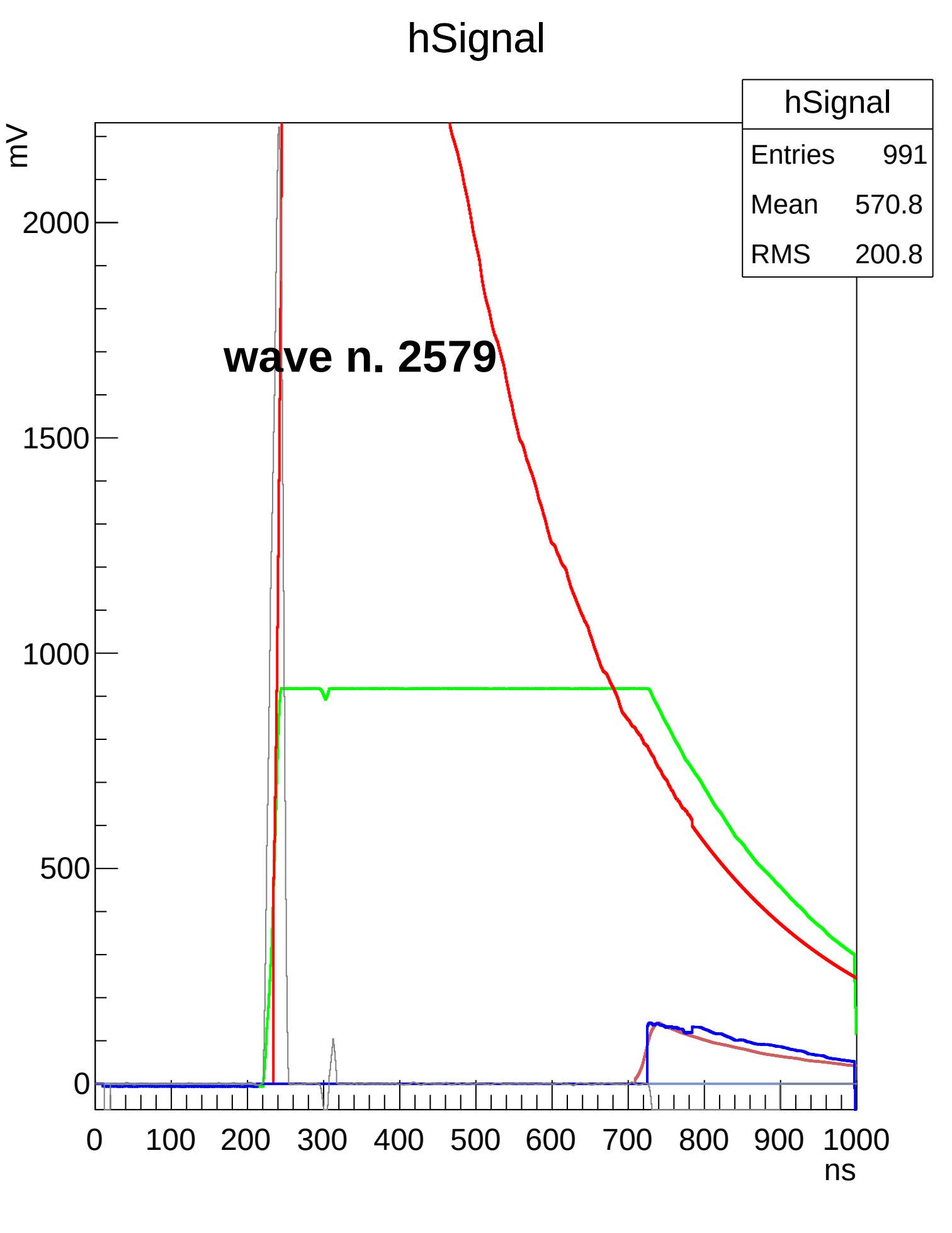
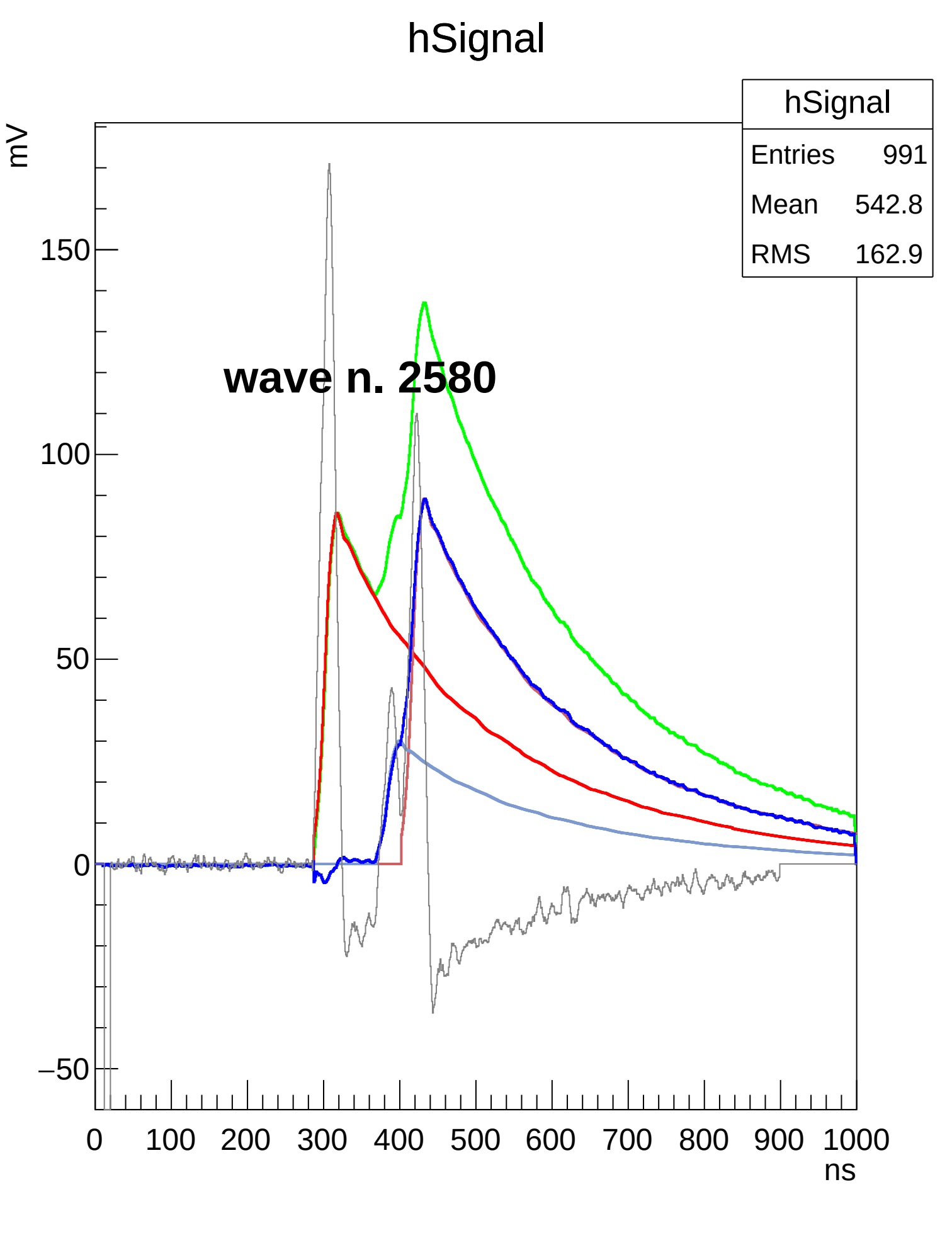
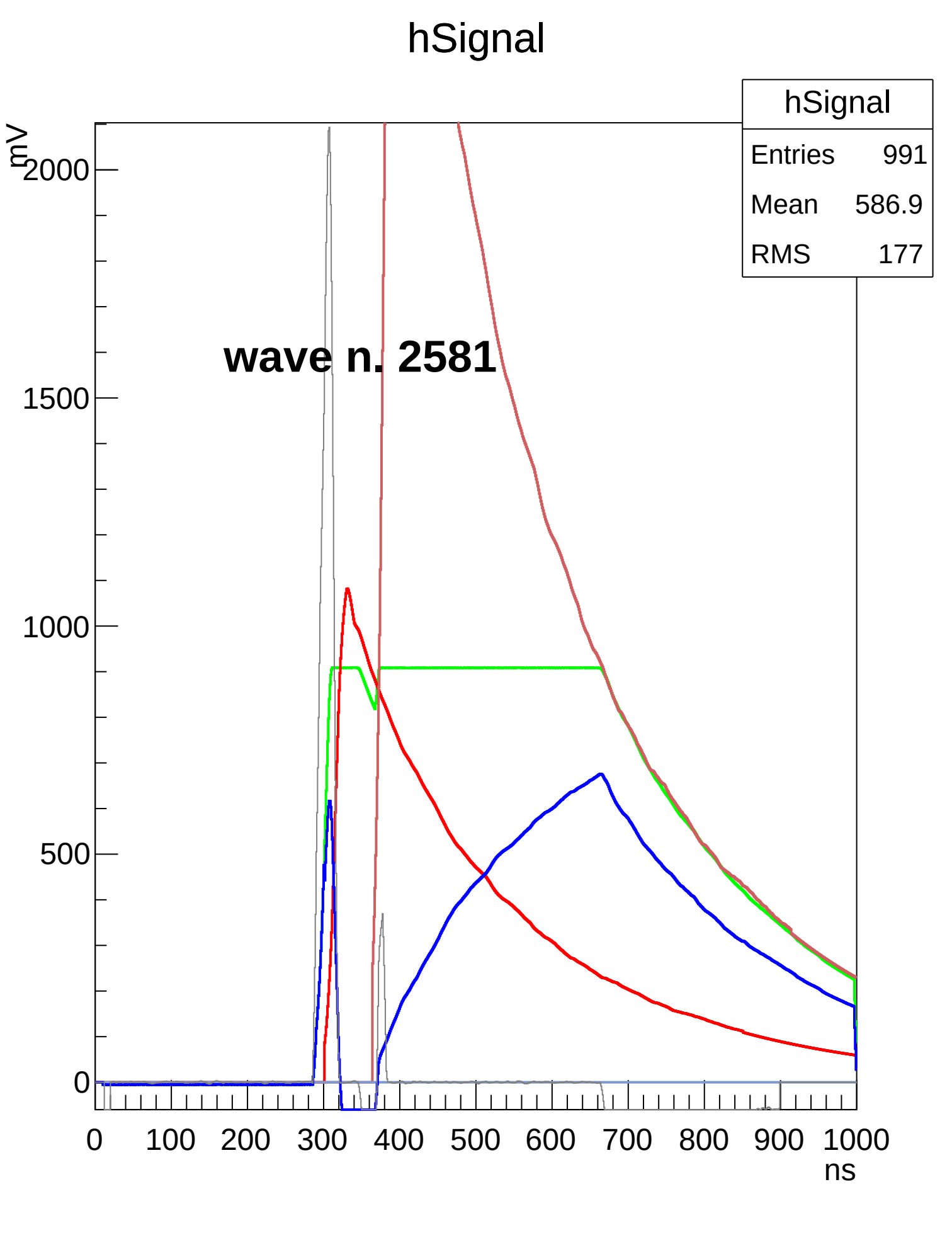
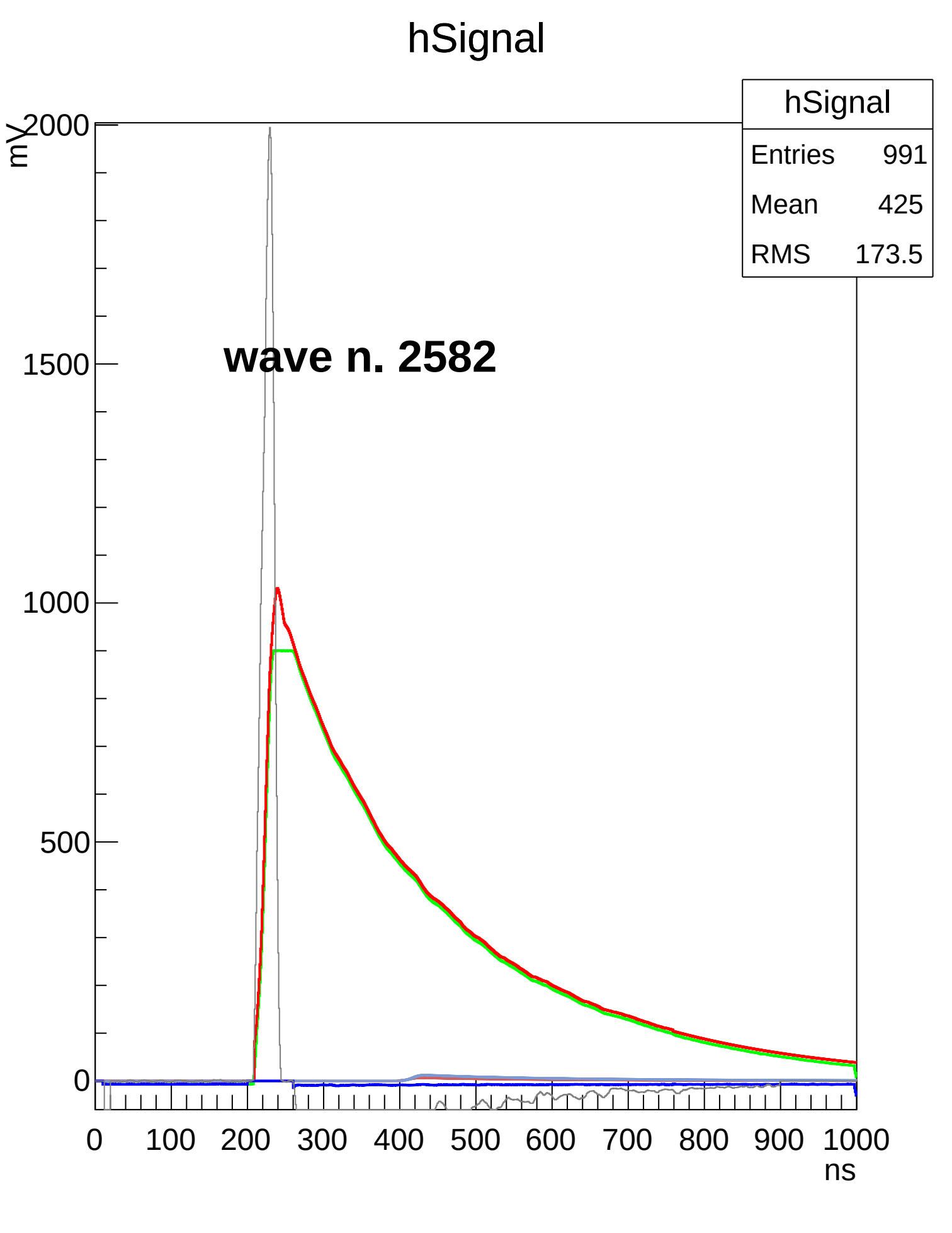
400
500
600
700
800
900
1000
ns

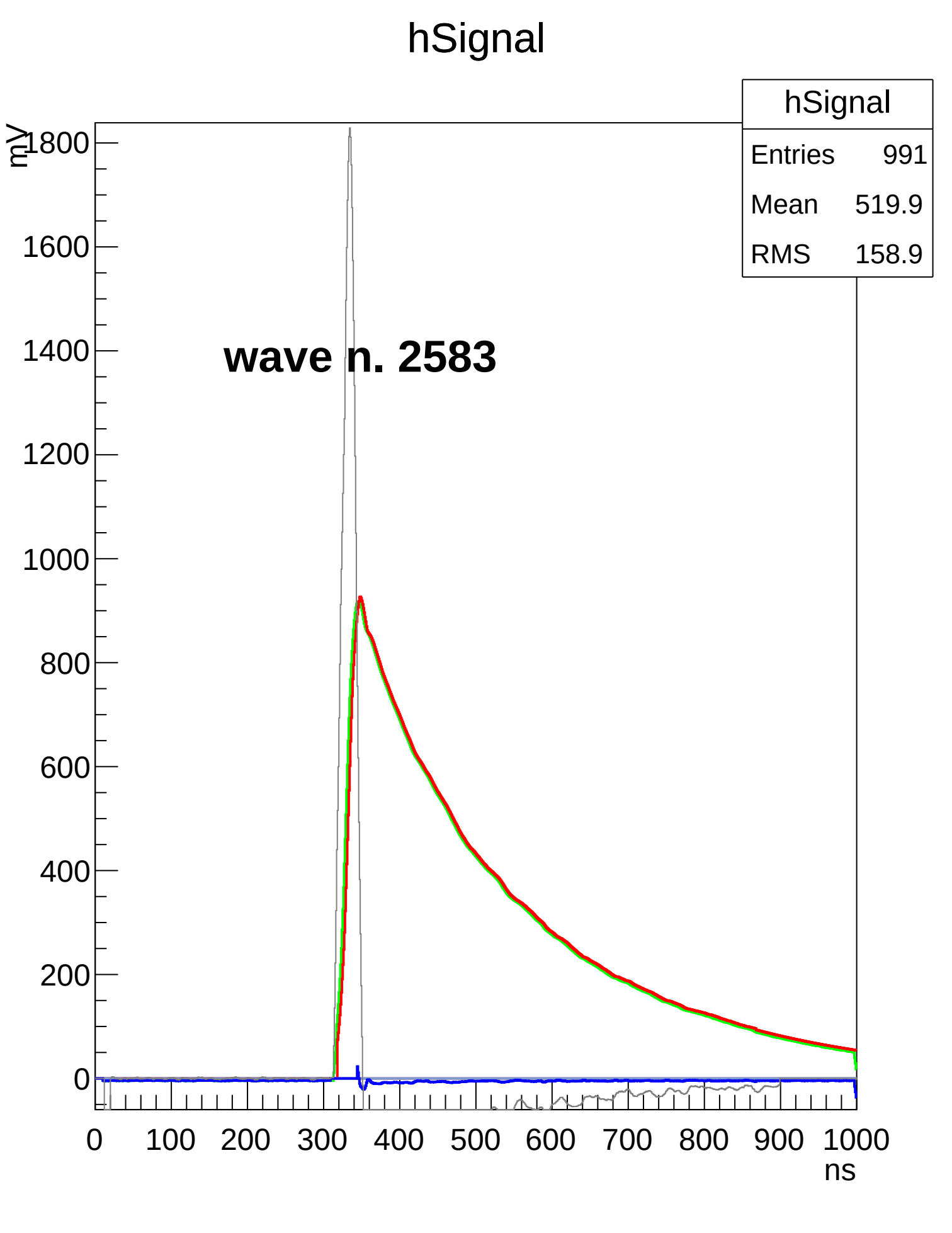

hSignal
hSignal
Entries 991
Mean 528.4
RMS 108.2
wave n. 2578
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

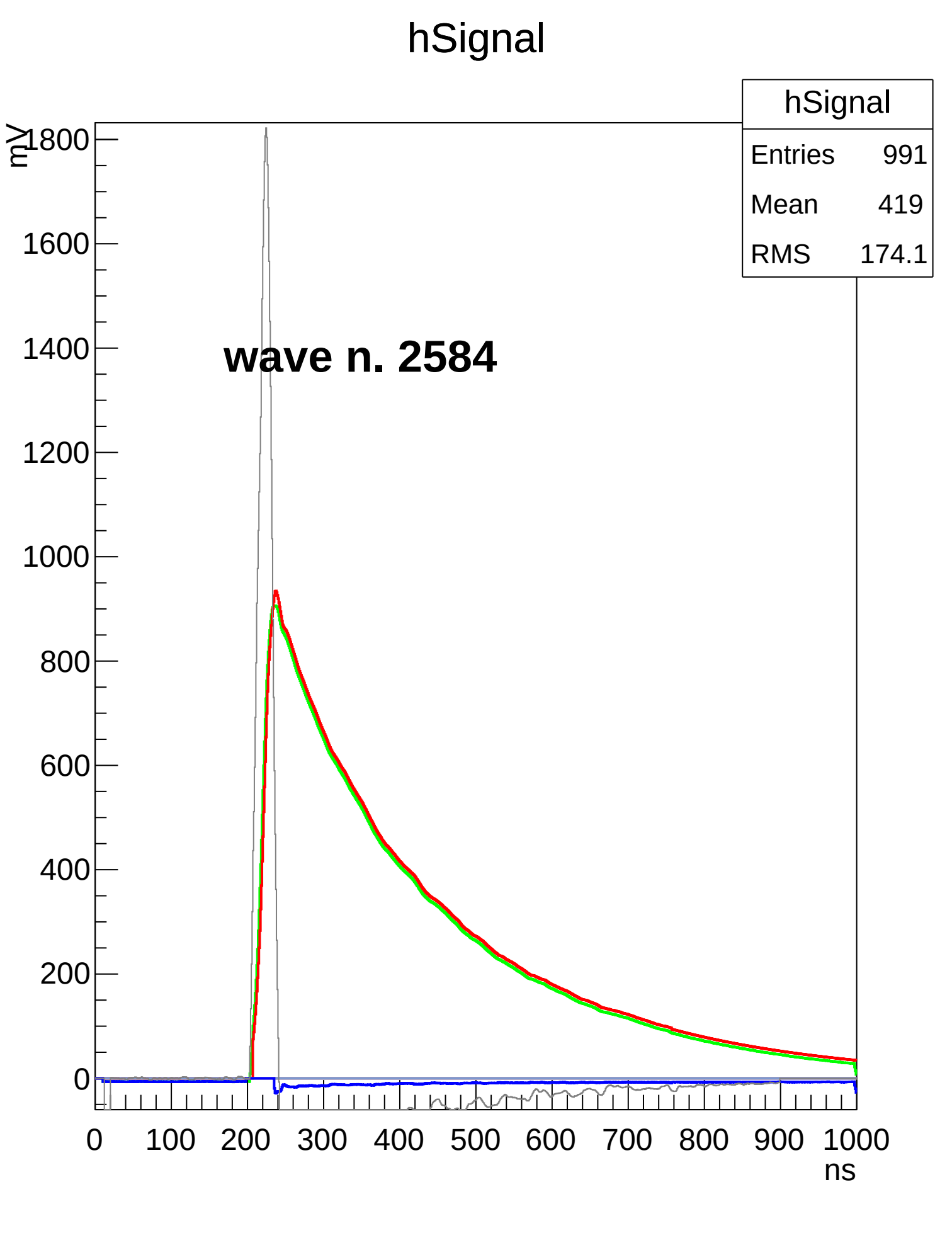

hSignal
hSignal
Entries 991
Mean 570.8
RMS 200.8
wave n. 2579
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

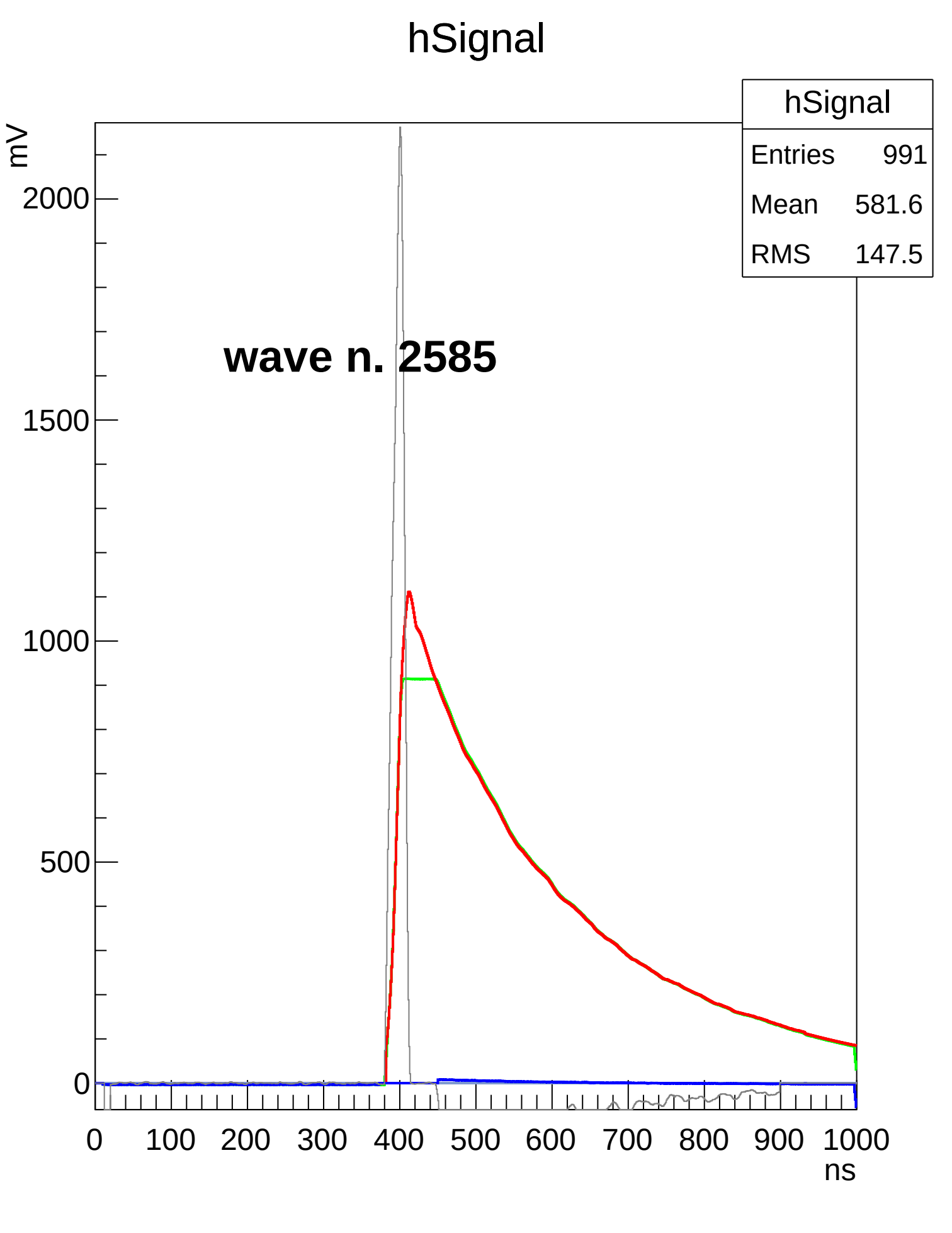

hSignal
hSignal
Entries 991
Mean 542.8
RMS 162.9
wave n. 2580
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

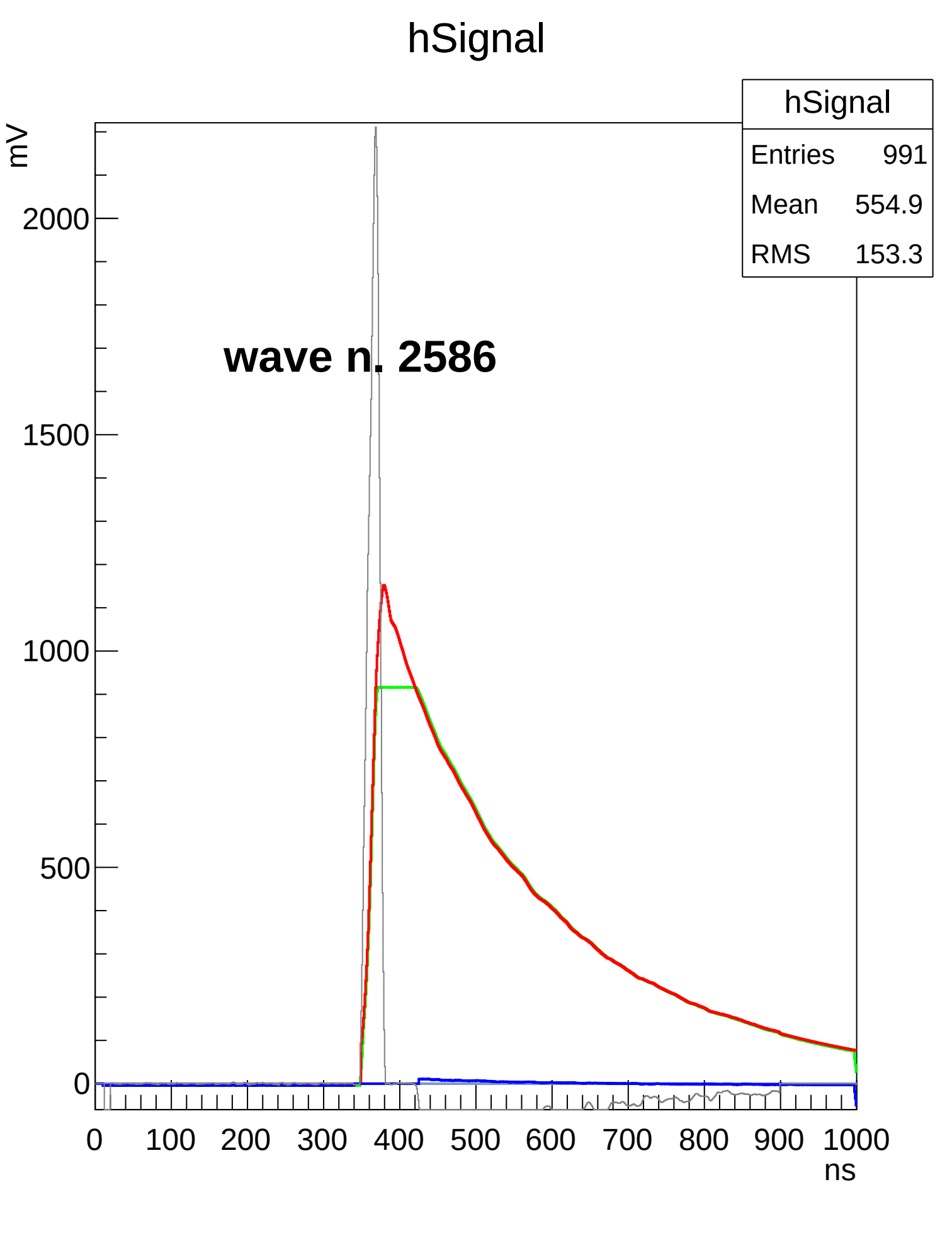

hSignal
hSignal
Entries 991
Mean 586.9
RMS 177
wave n. 2581
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 425
RMS 173.5
wave n. 2582
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.9
RMS 158.9
wave n. 2583
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 419
RMS 174.1
wave n. 2584
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 581.6
RMS 147.5
wave n. 2585
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 554.9
RMS 153.3
wave n. 2586
mV
2000
1500
1000
500
0
0
100
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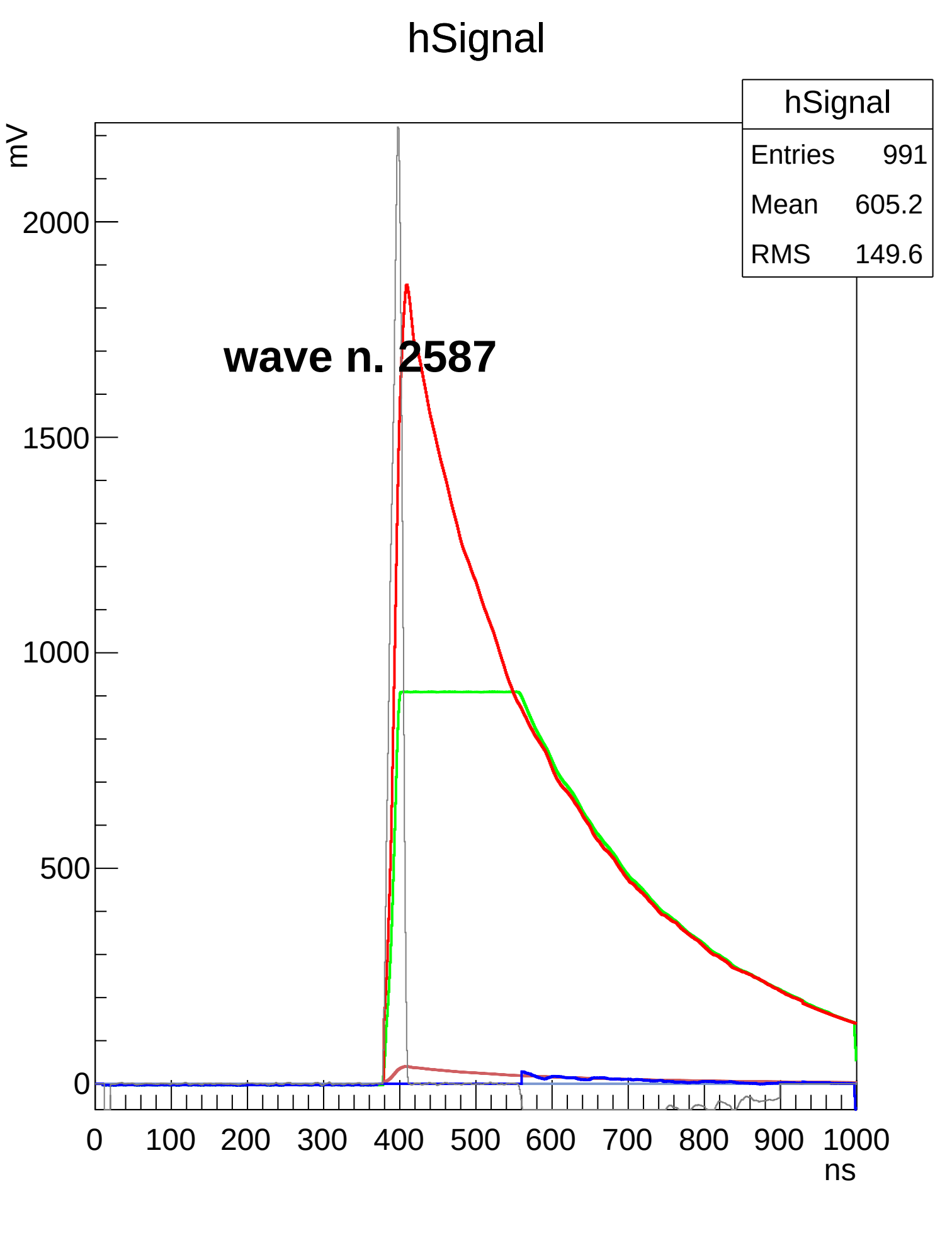
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 605.2
RMS 149.6
wave n. 2587
mV
2000
1500
1000
500
0
0
100
200
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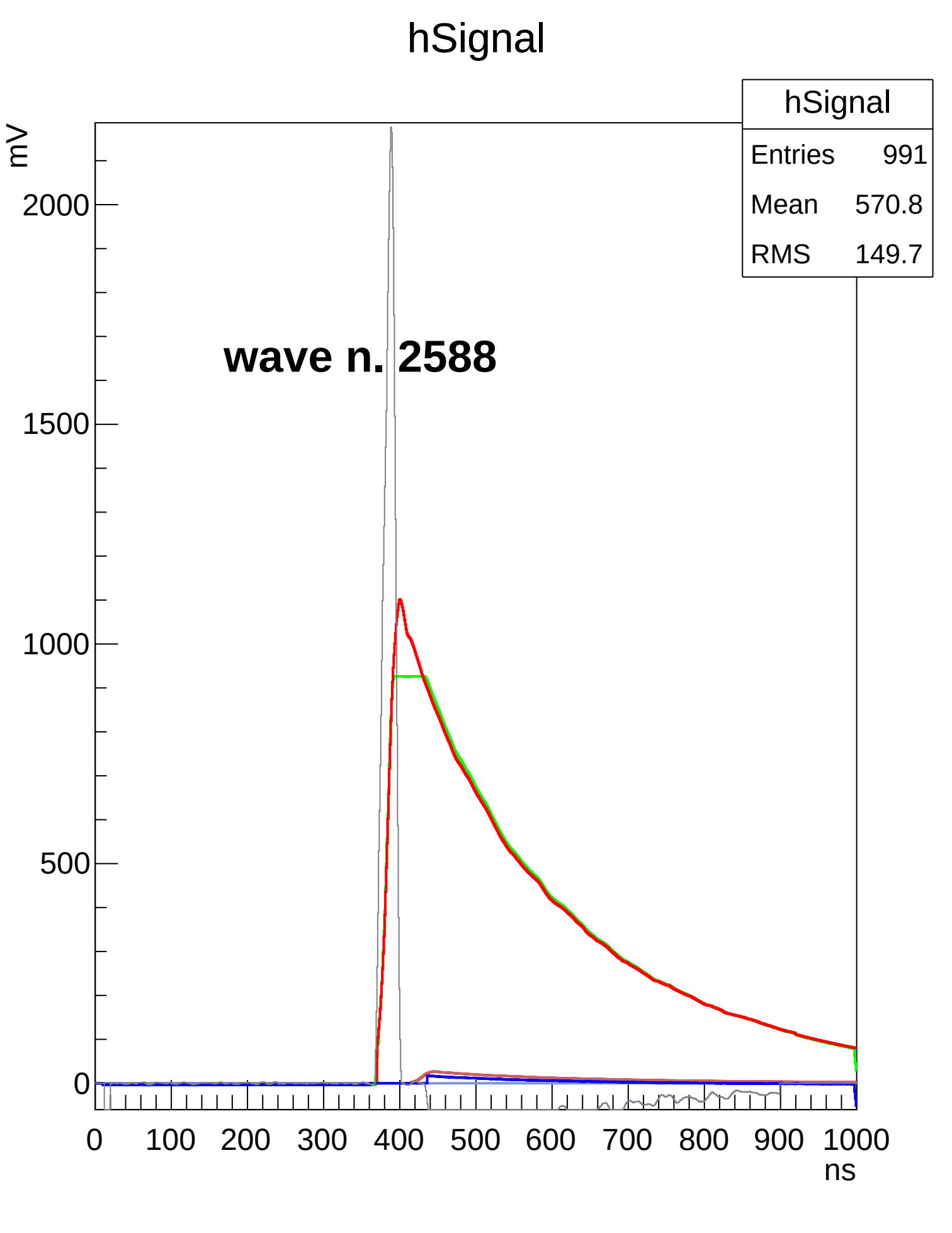
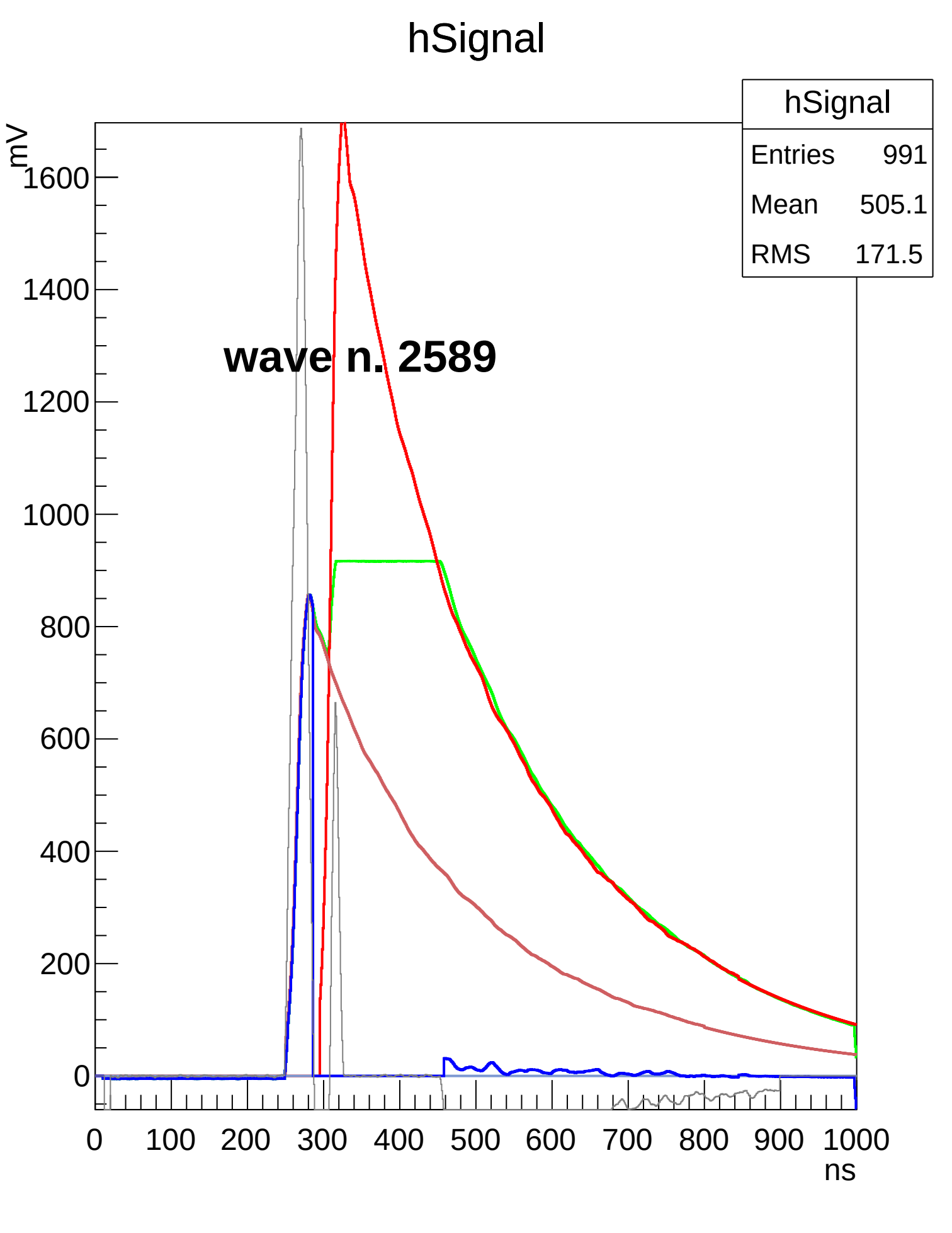
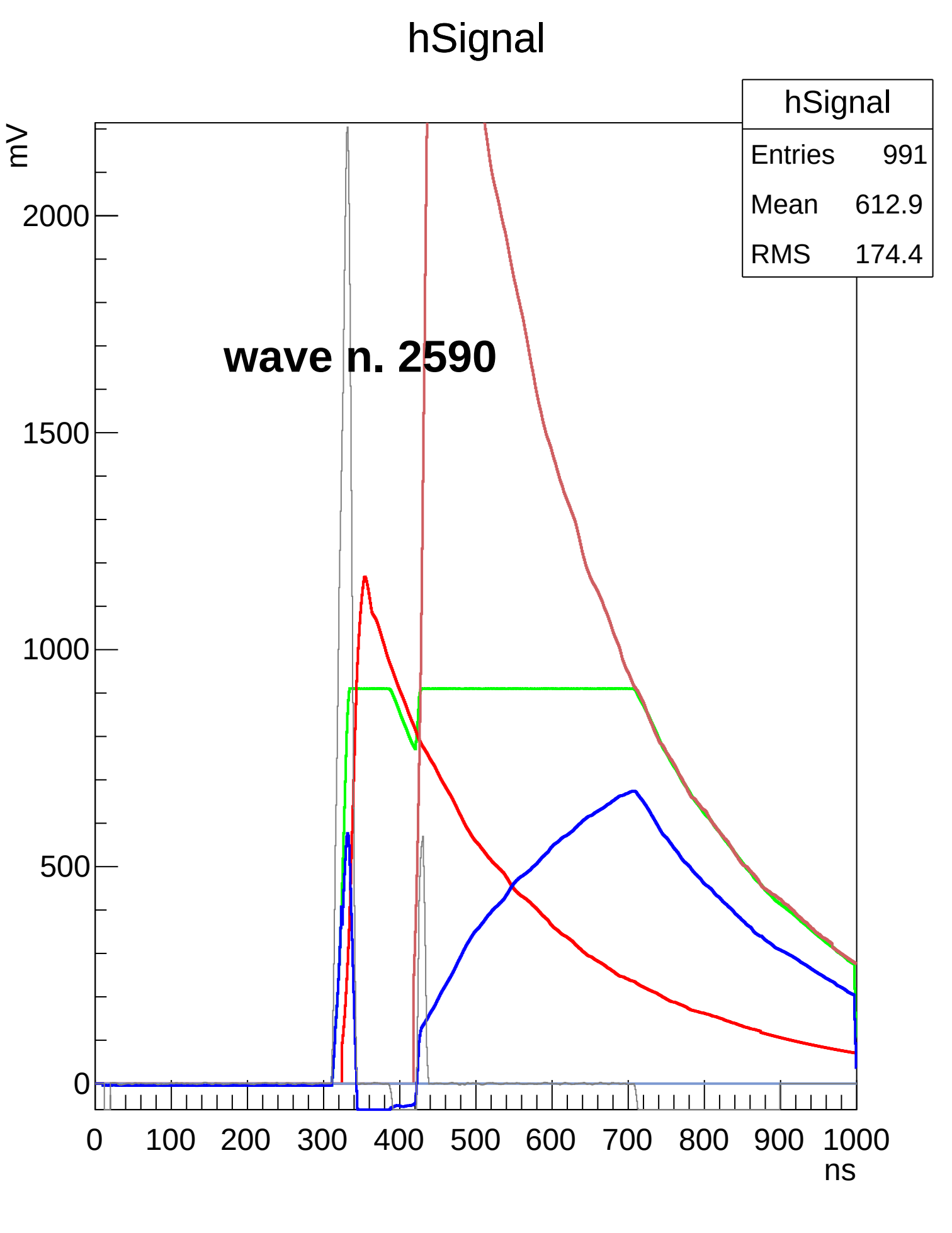
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.8
RMS 149.7
wave n. 2588
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 505.1
RMS 171.5
wave n. 2589
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 612.9
RMS 174.4
wave n. 2590
mV
2000
1500
1000
500
0
0
100
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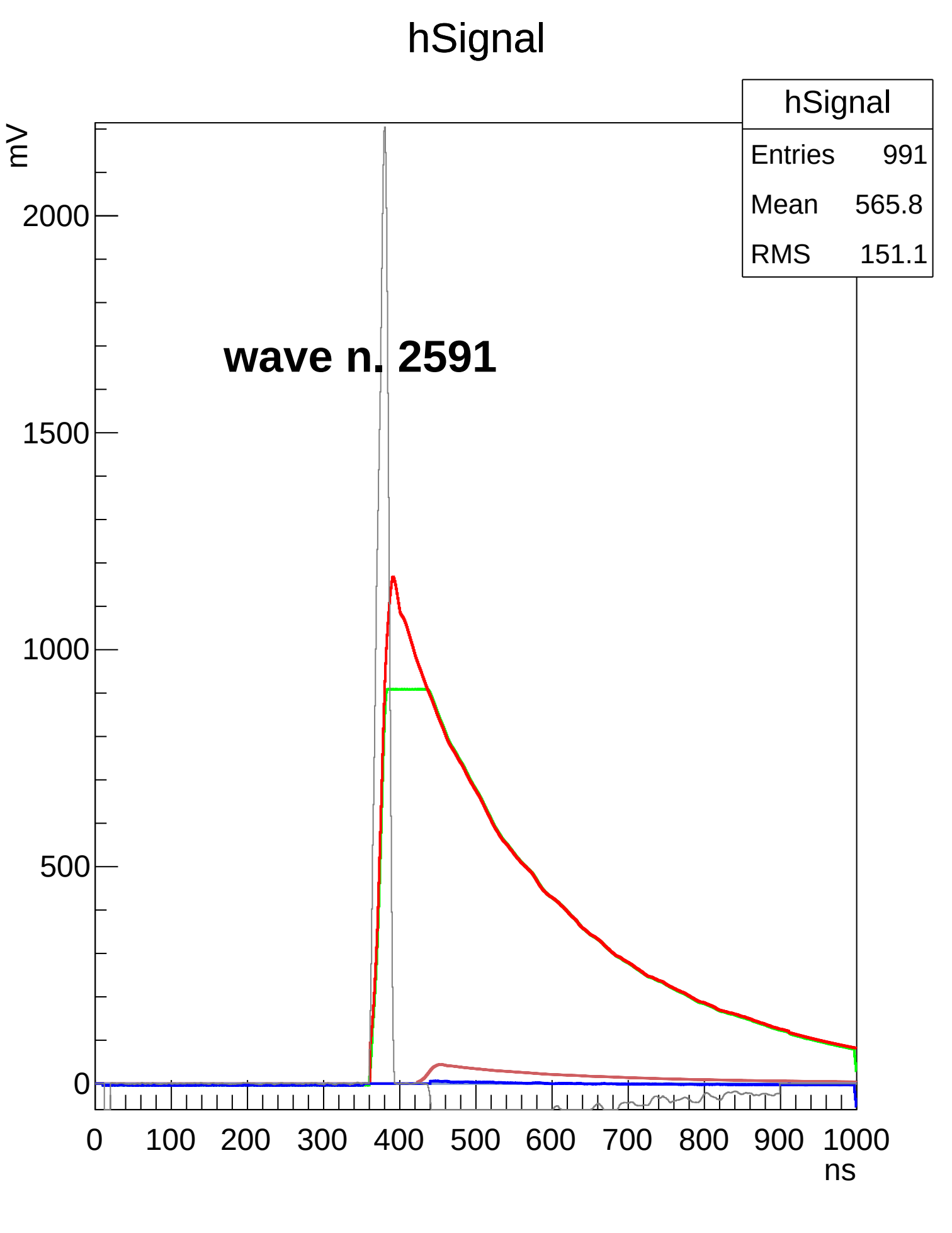
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.8
RMS 151.1
wave n. 2591
mV
2000
1500
1000
500
0
0
100
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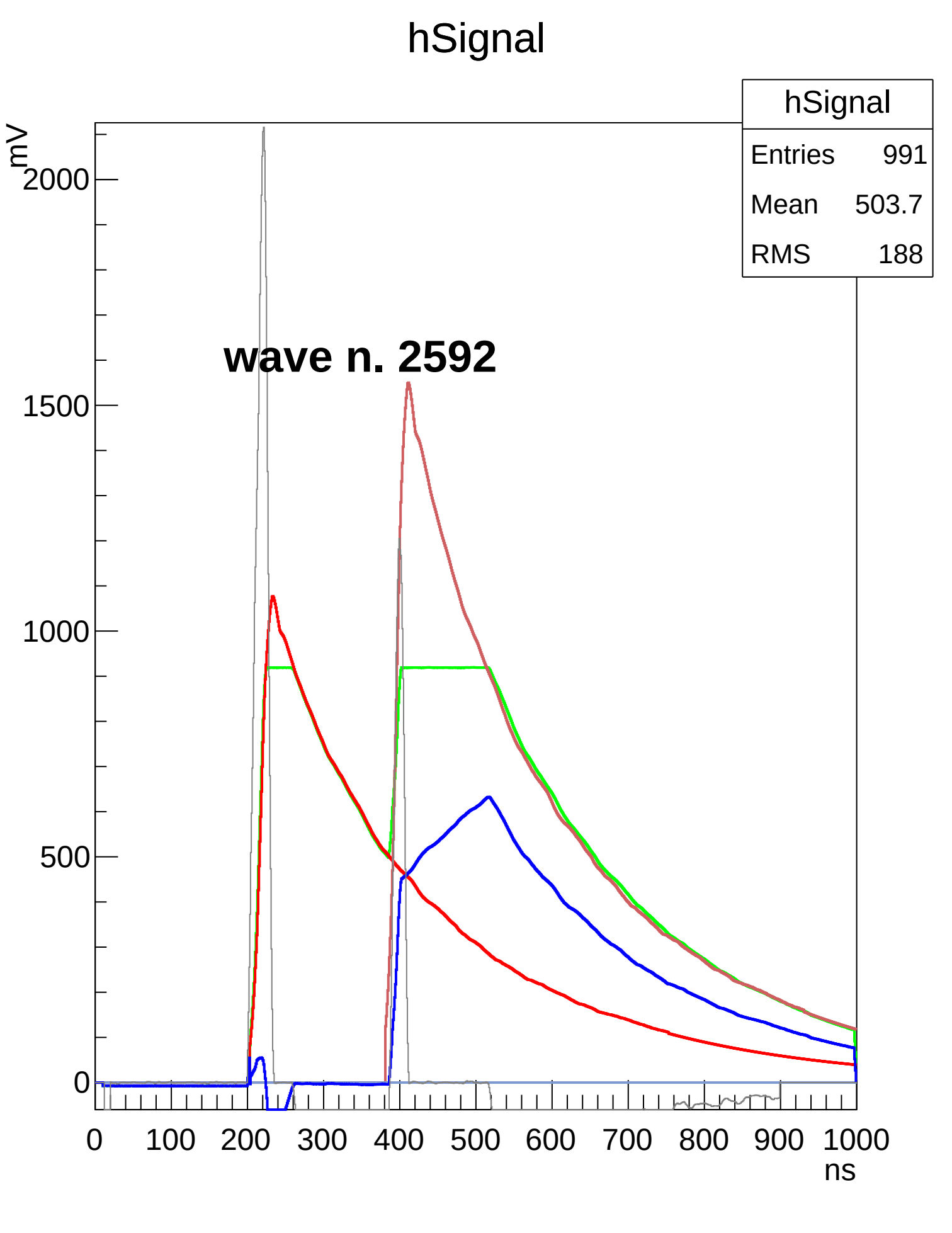
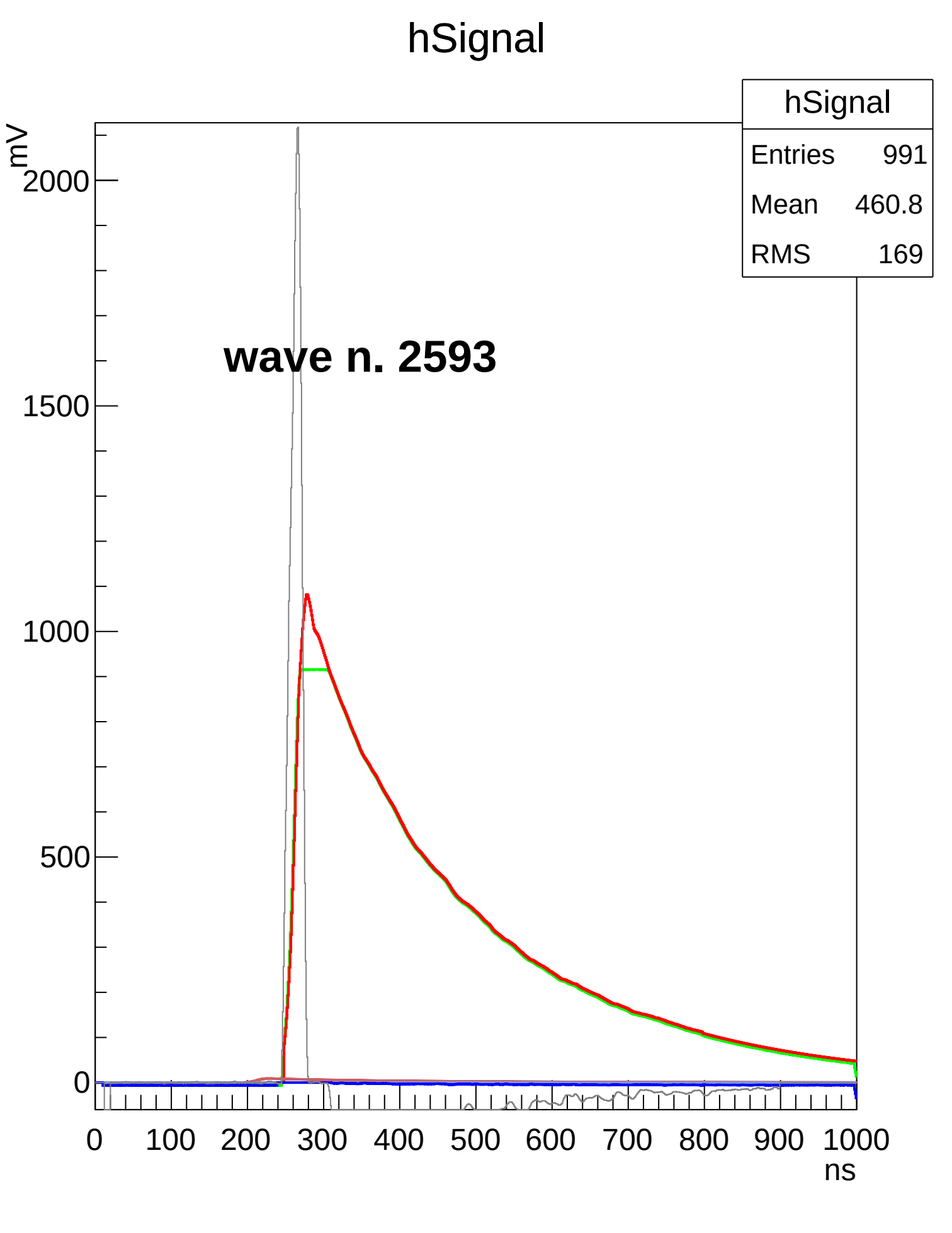
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.7
RMS 188
wave n. 2592
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 460.8
RMS 169
wave n. 2593
mV
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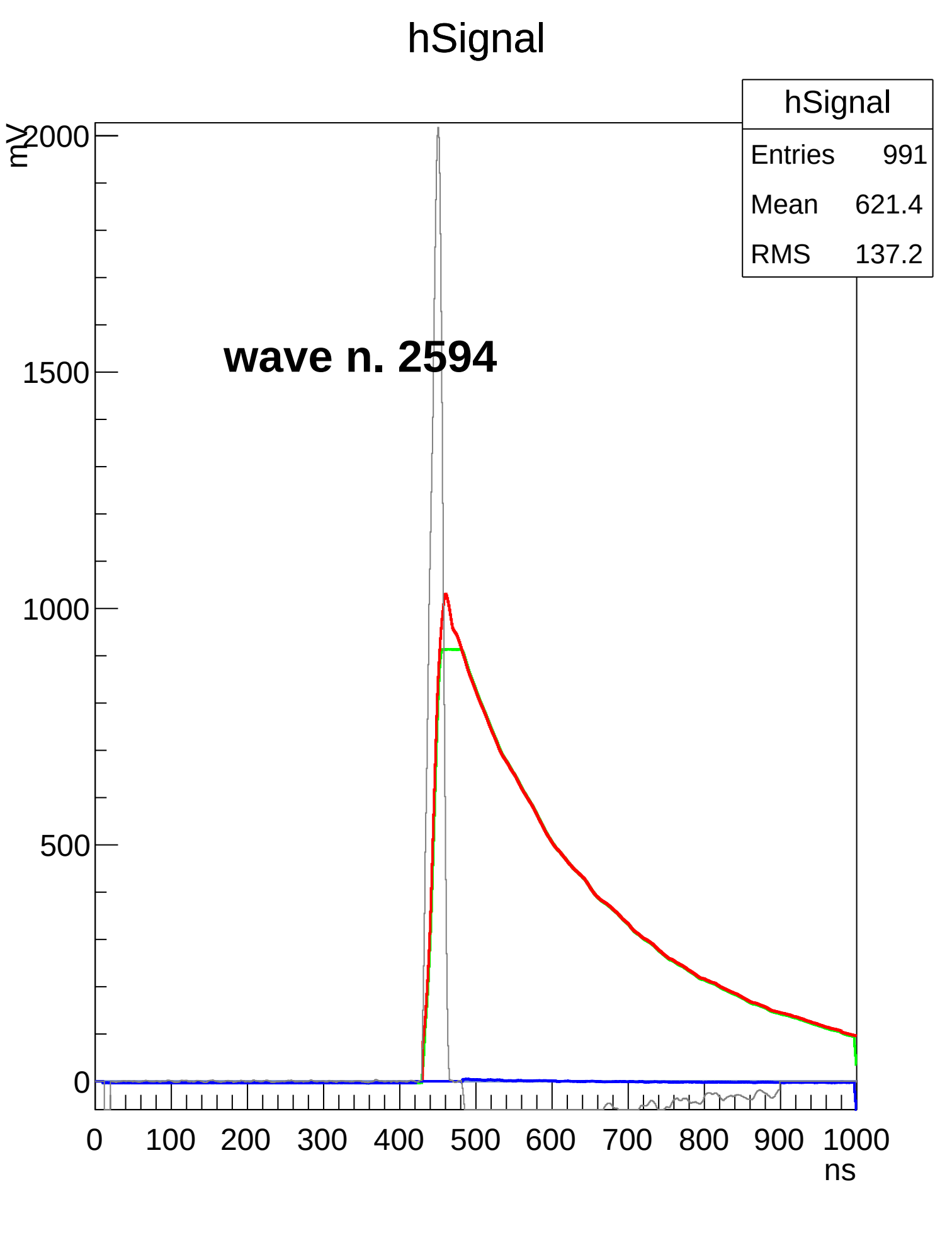
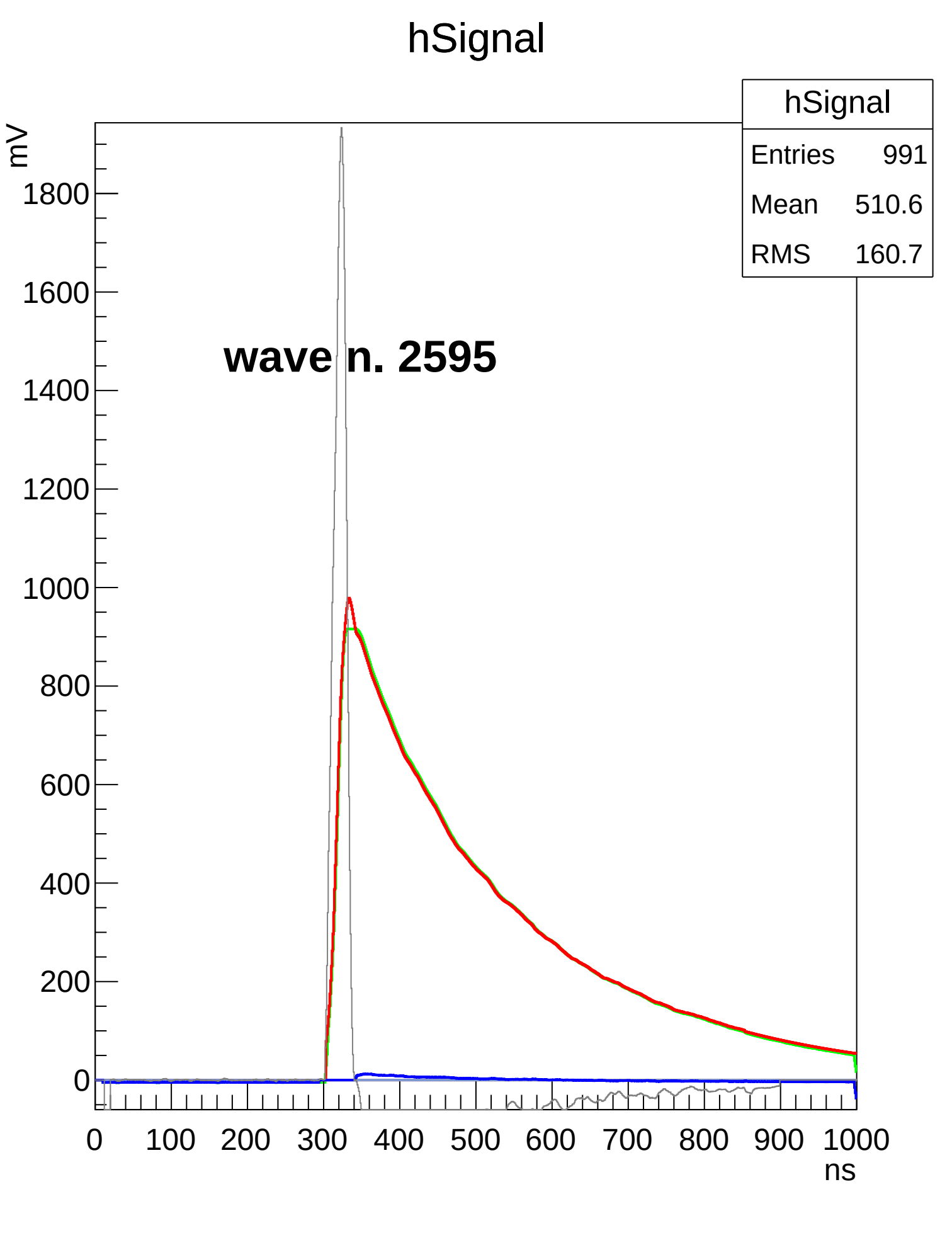
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 621.4
RMS 137.2
wave n. 2594
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.6
RMS 160.7
wave n. 2595
mV
1800
1600
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1200
1000
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600
400
200
0
0
100
200
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400
500
600
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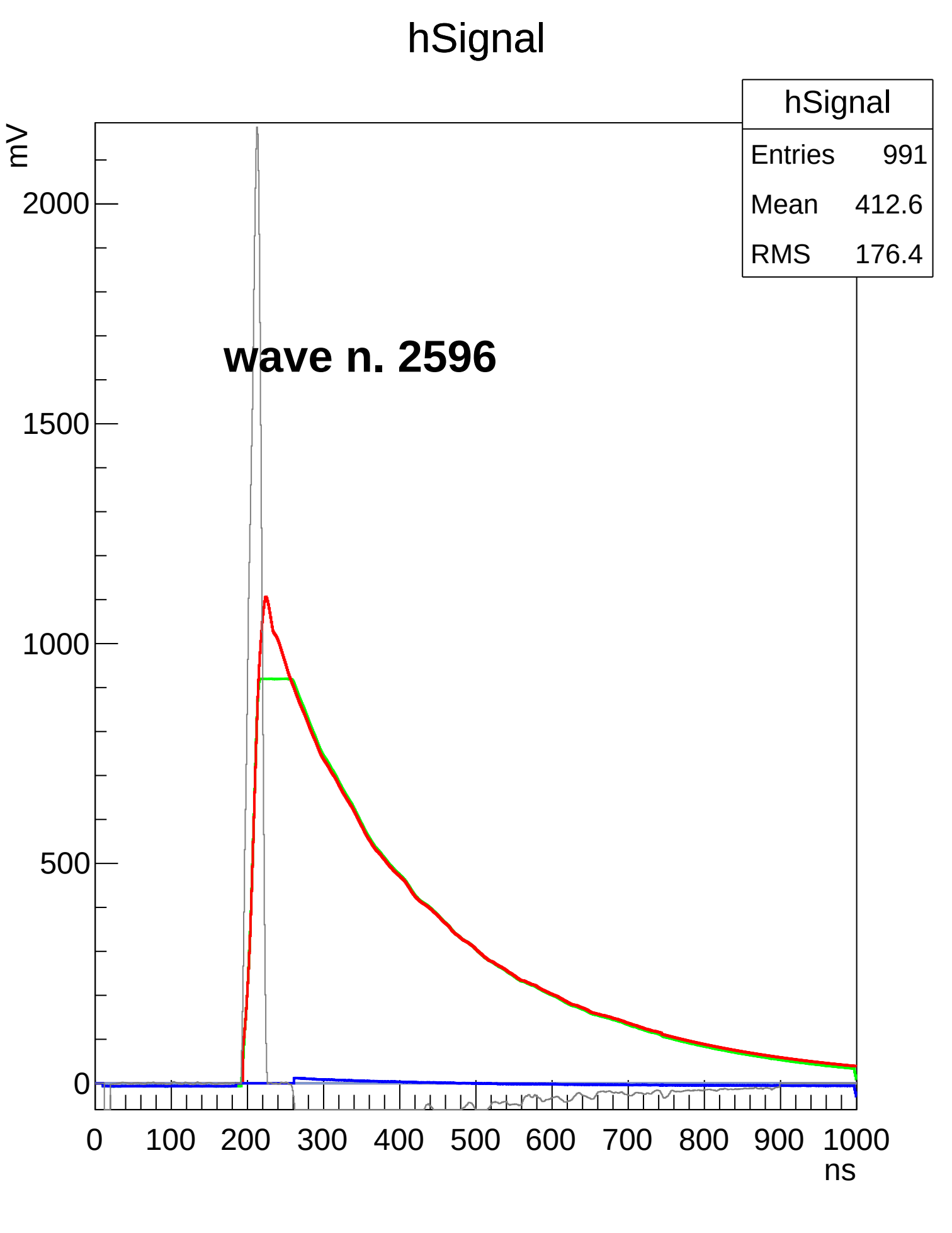
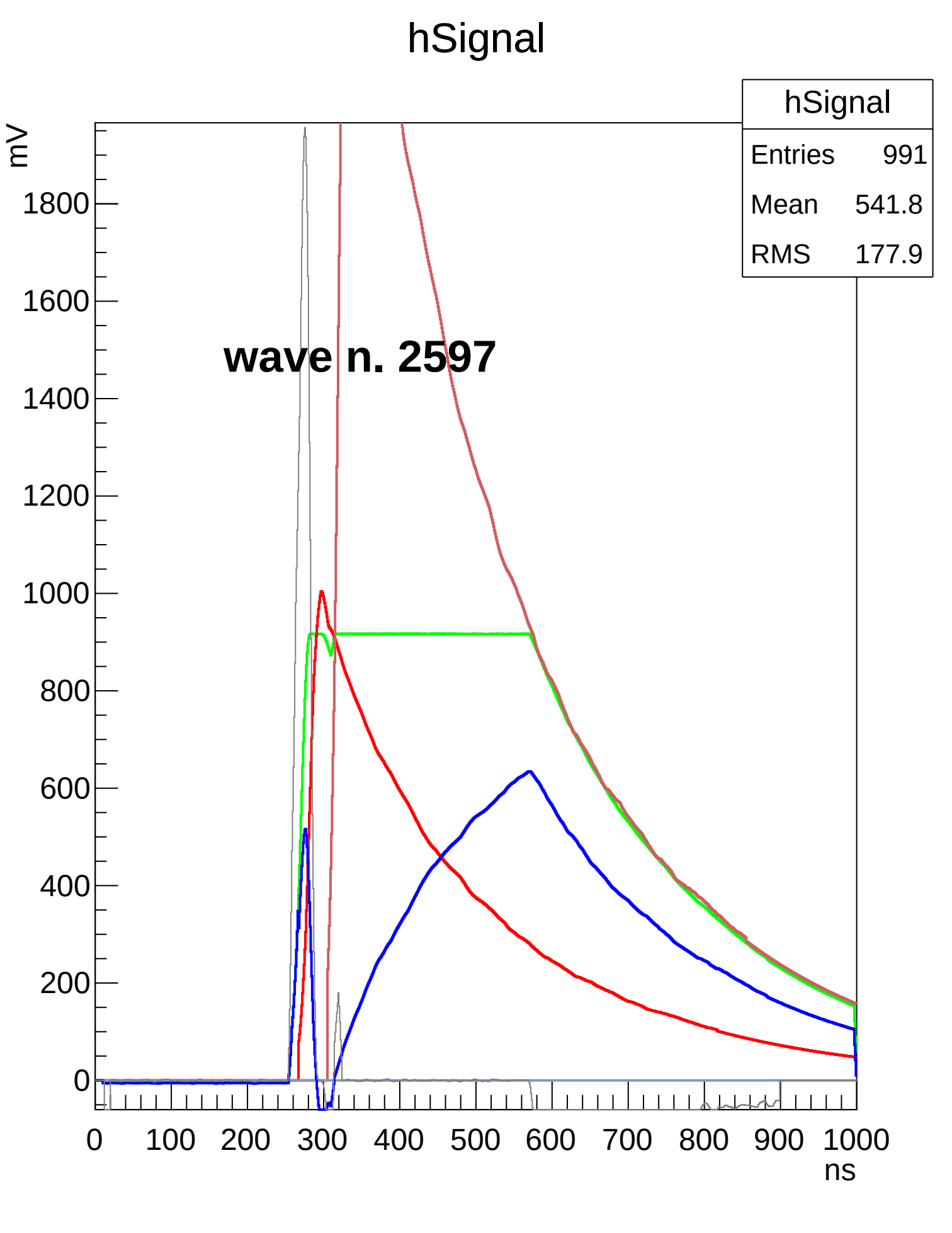
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 412.6
RMS 176.4
wave n. 2596
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 541.8
RMS 177.9
wave n. 2597
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
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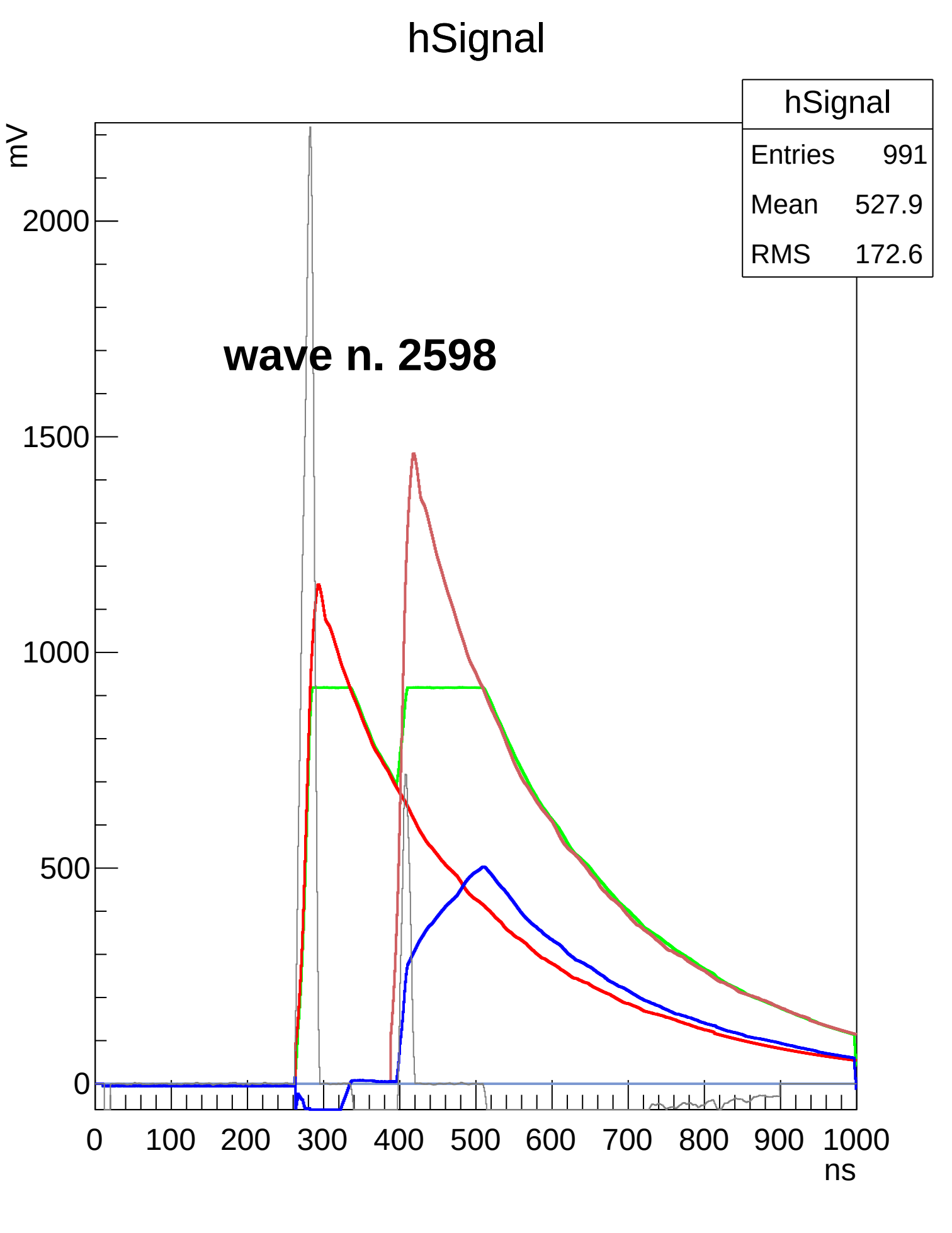
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527.9
RMS 172.6
wave n. 2598
mV
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1500
1000
500
0
0
100
200
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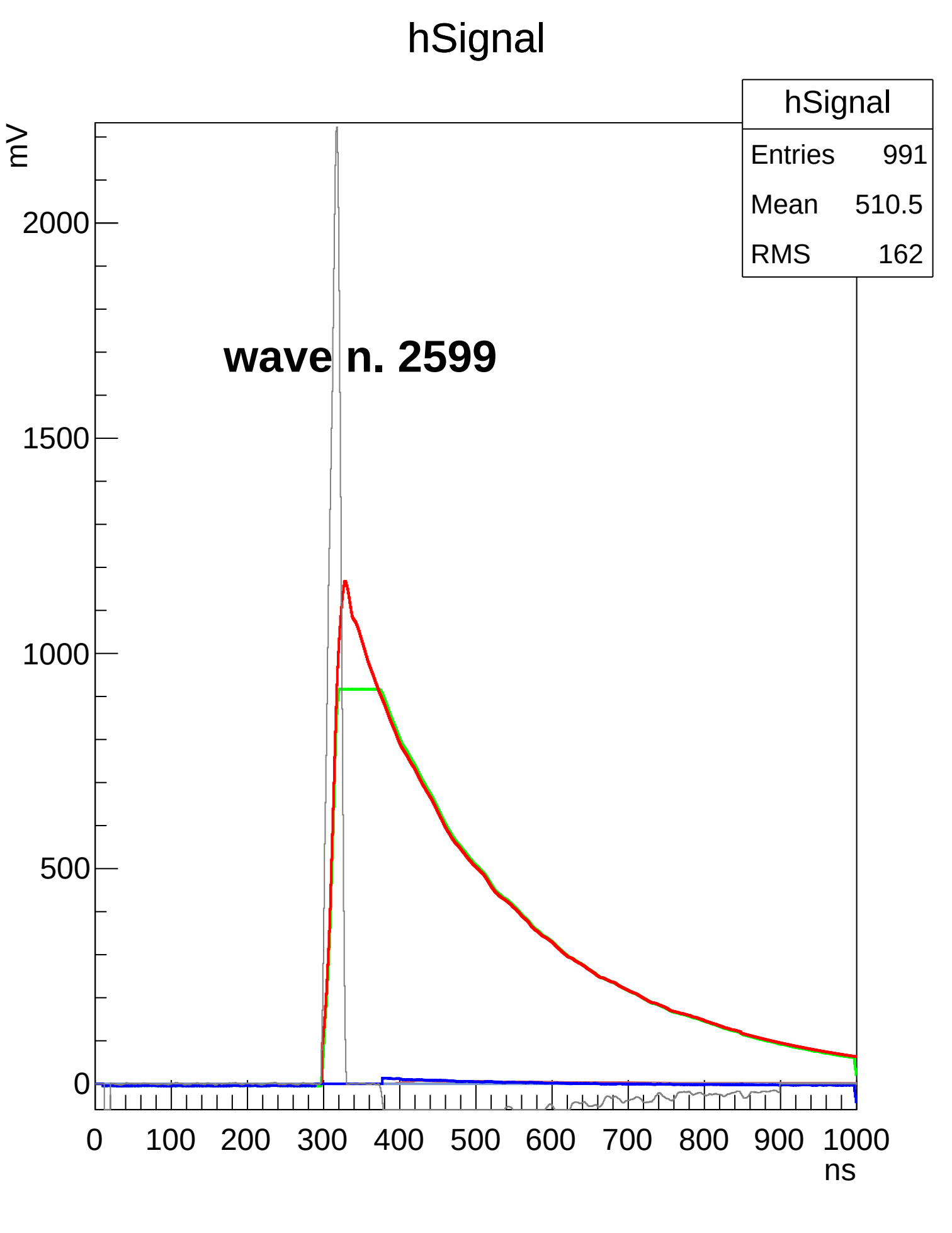
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.5
RMS 162
wave n. 2599
mV
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1500
1000
500
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0
100
200
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400
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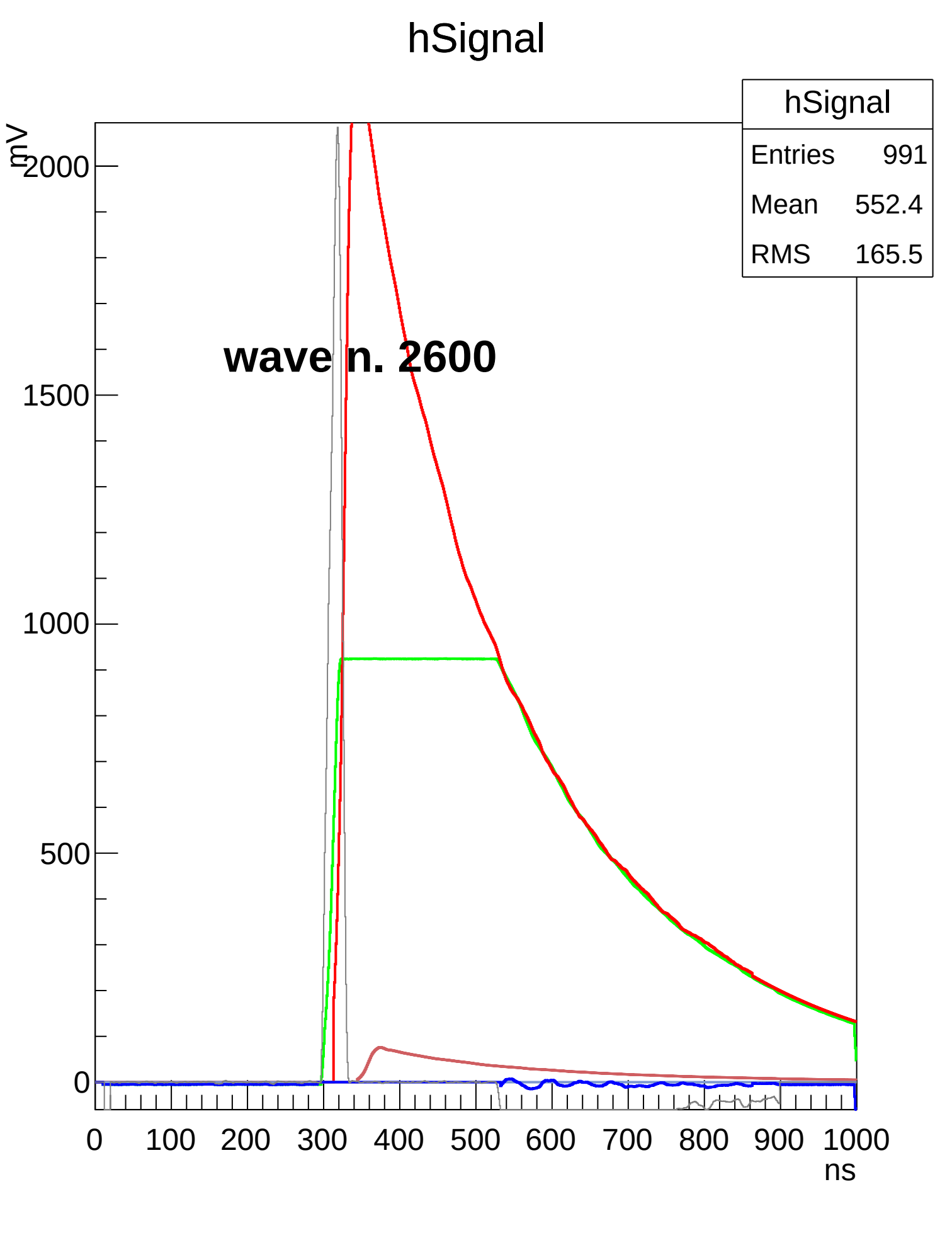
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.4
RMS 165.5
wave n. 2600
mV
2000
1500
1000
500
0
0
100
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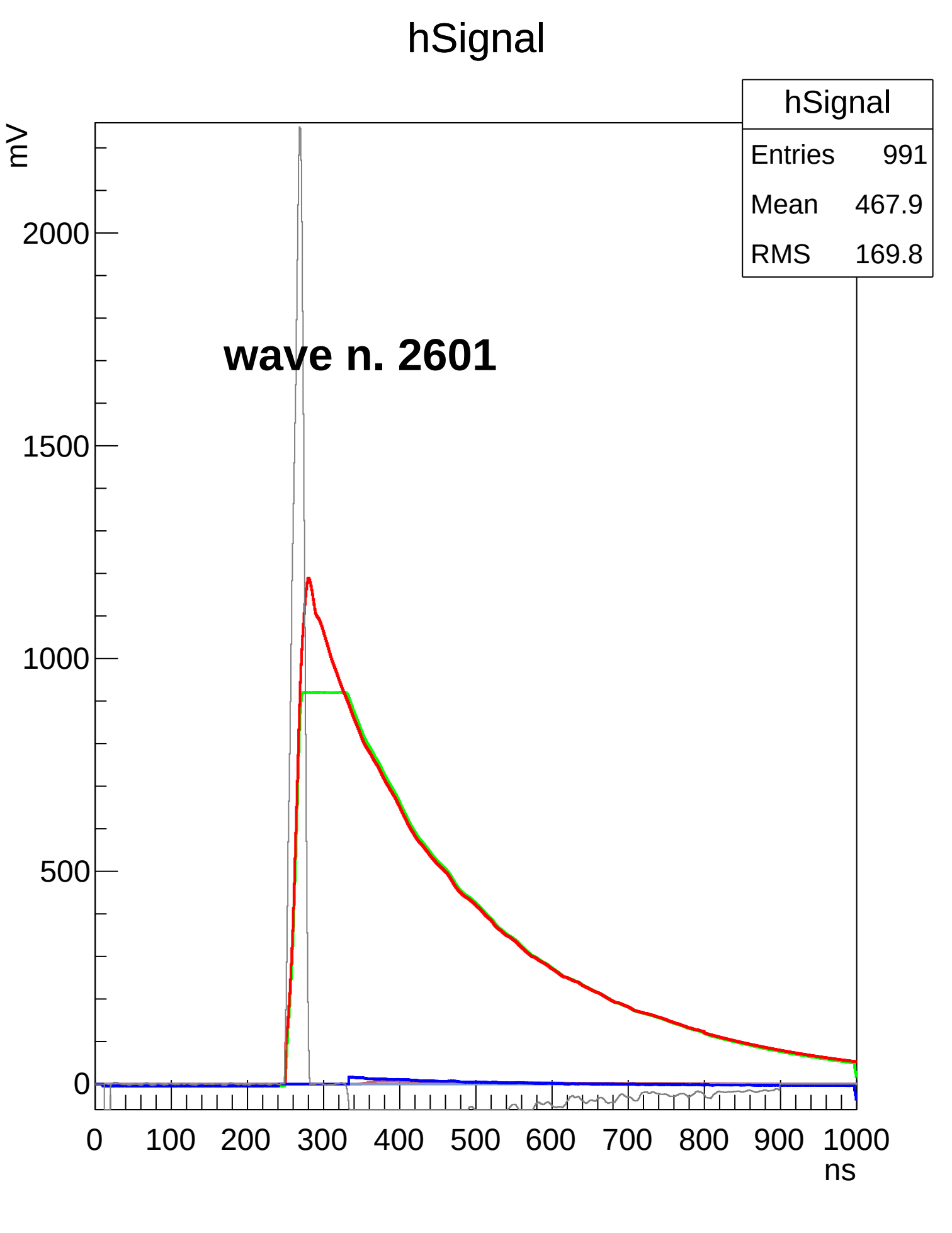
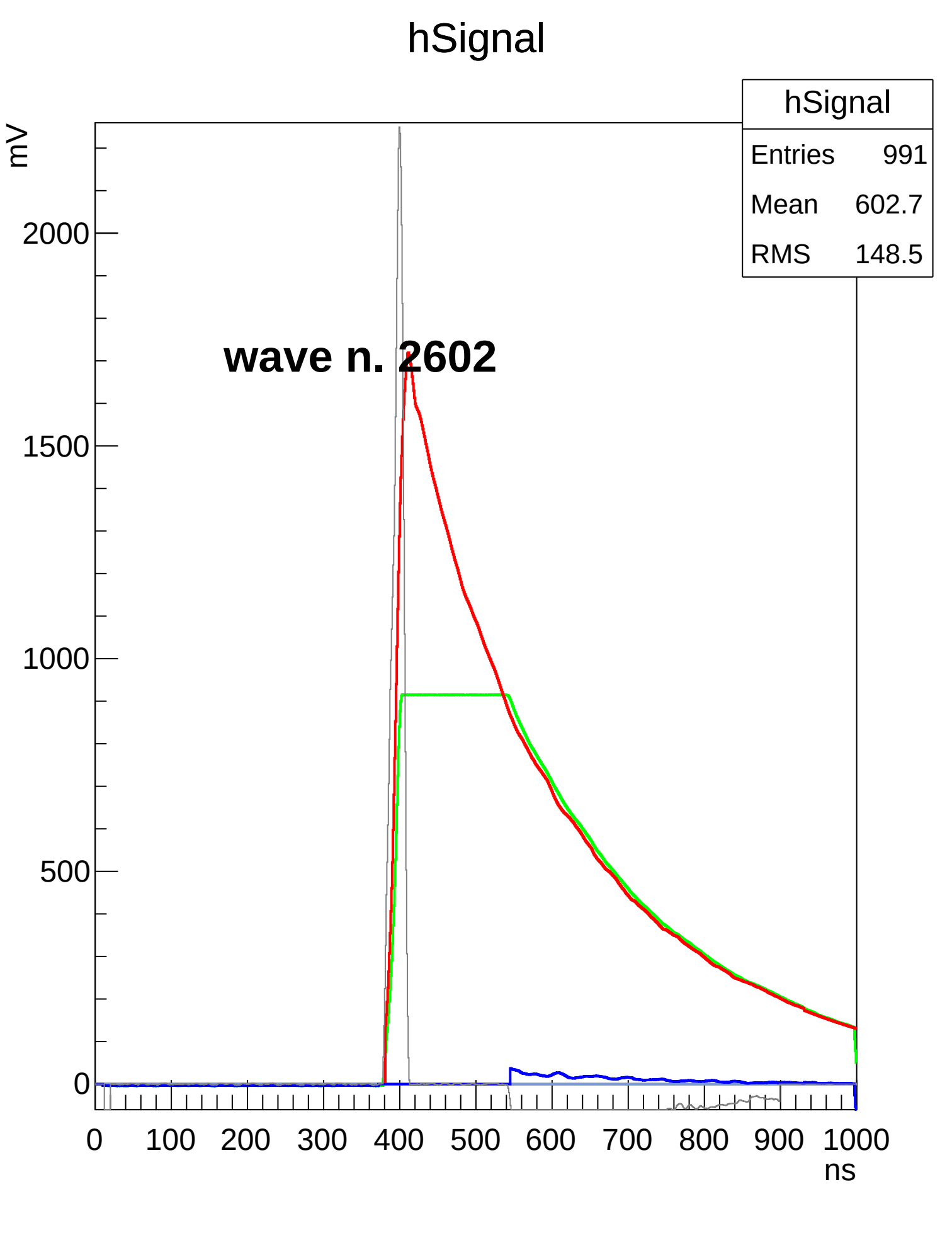
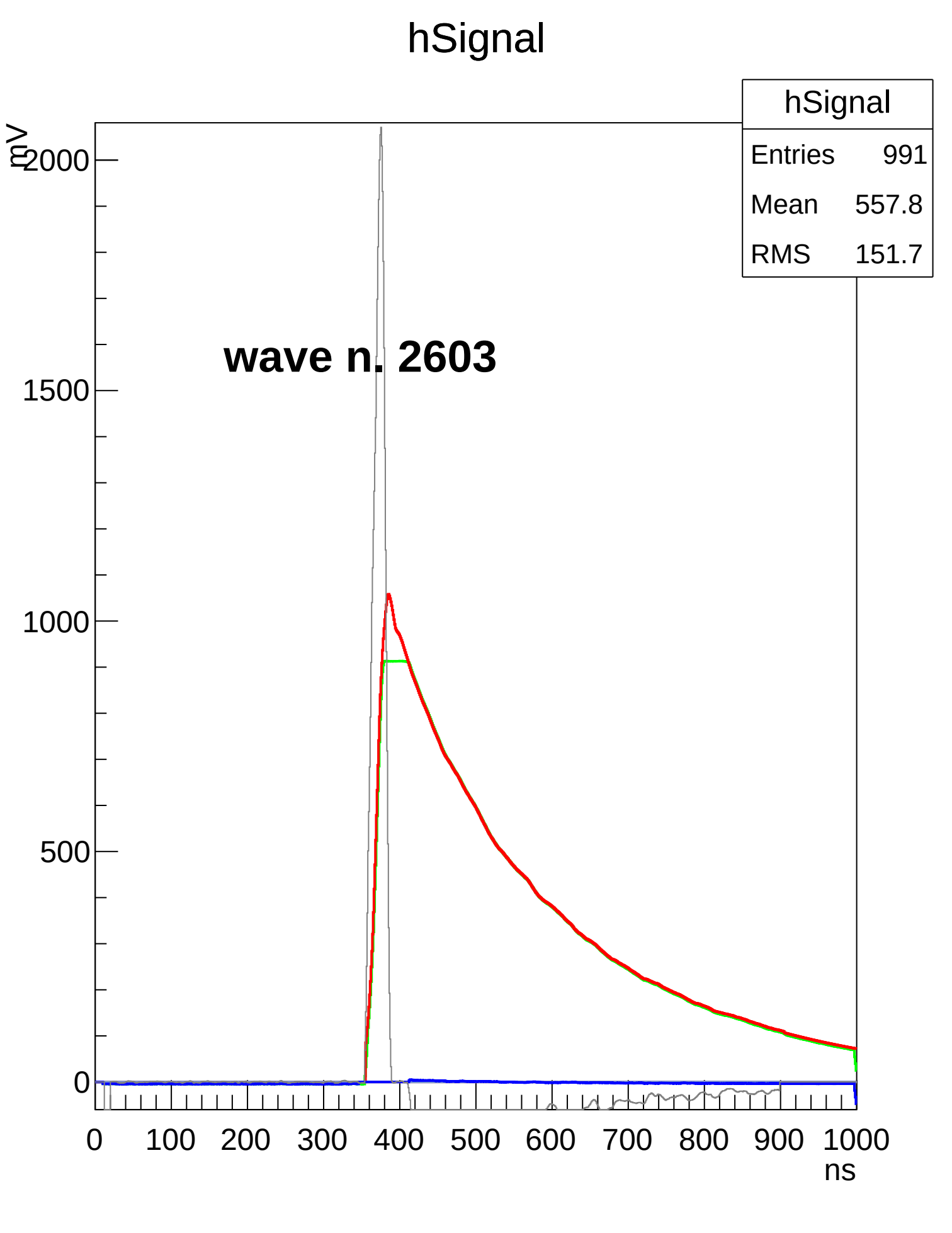
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 467.9
RMS 169.8
wave n. 2601
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 602.7
RMS 148.5
wave n. 2602
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 557.8
RMS 151.7
wave n. 2603
mV
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1500
1000
500
0
0
100
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400
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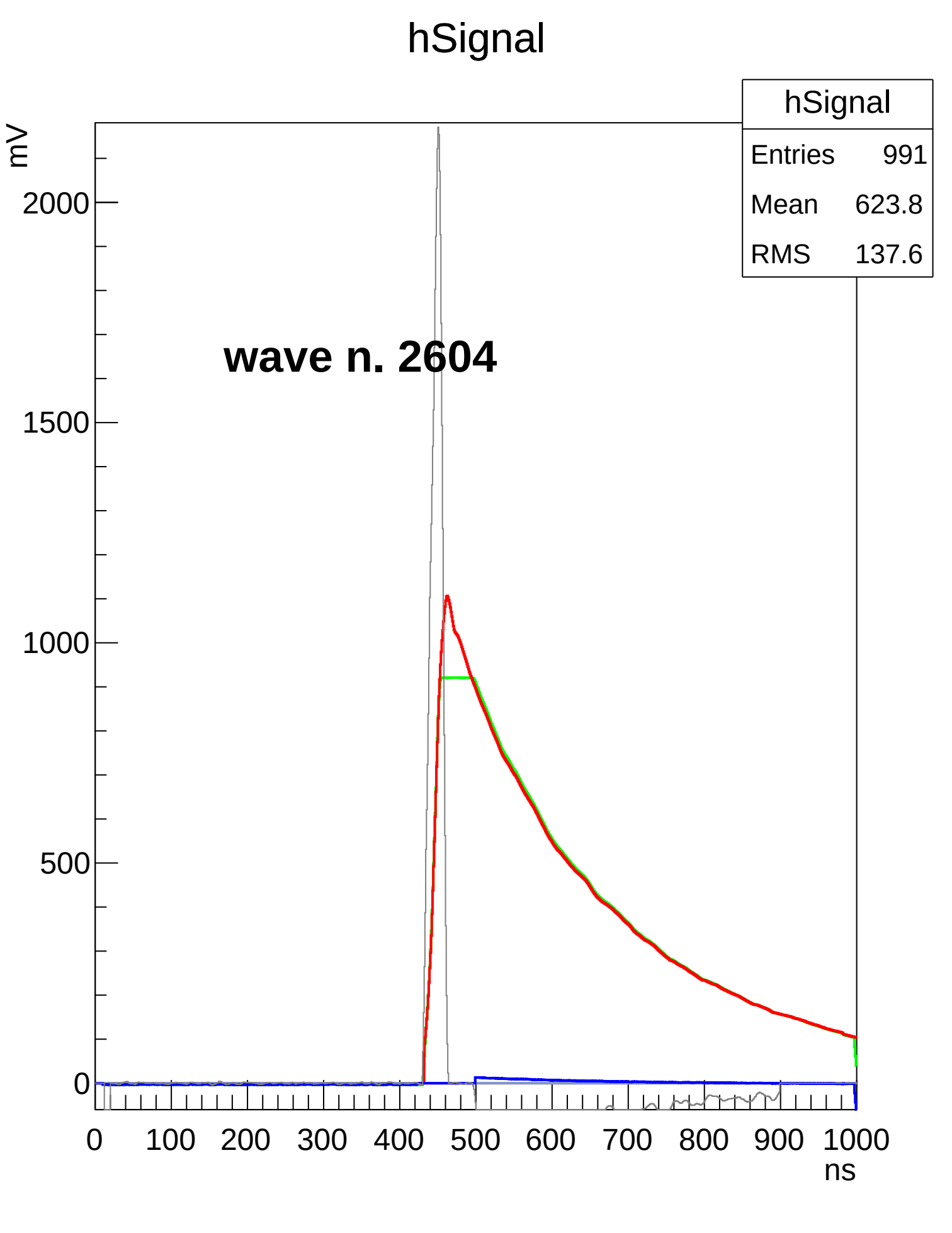
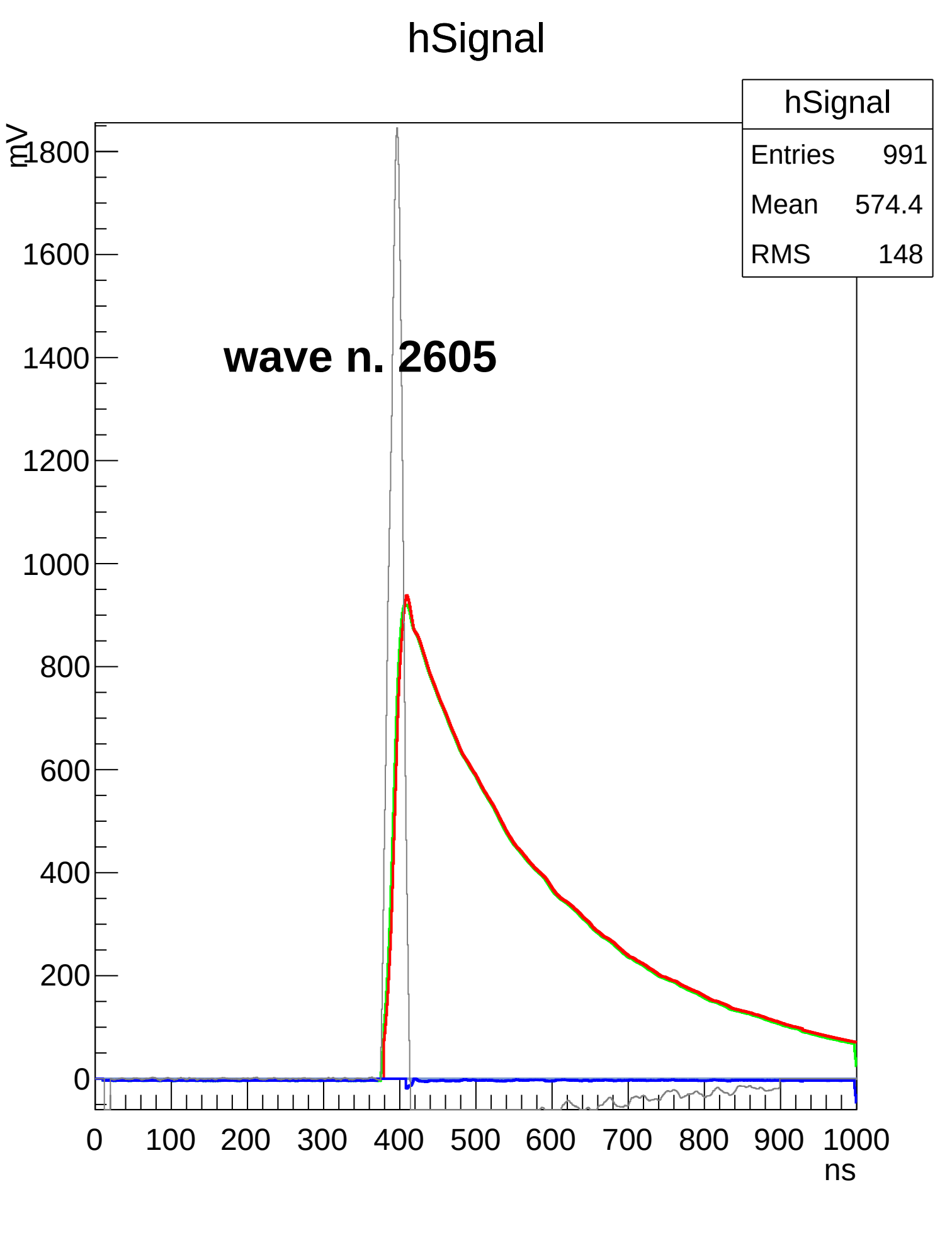
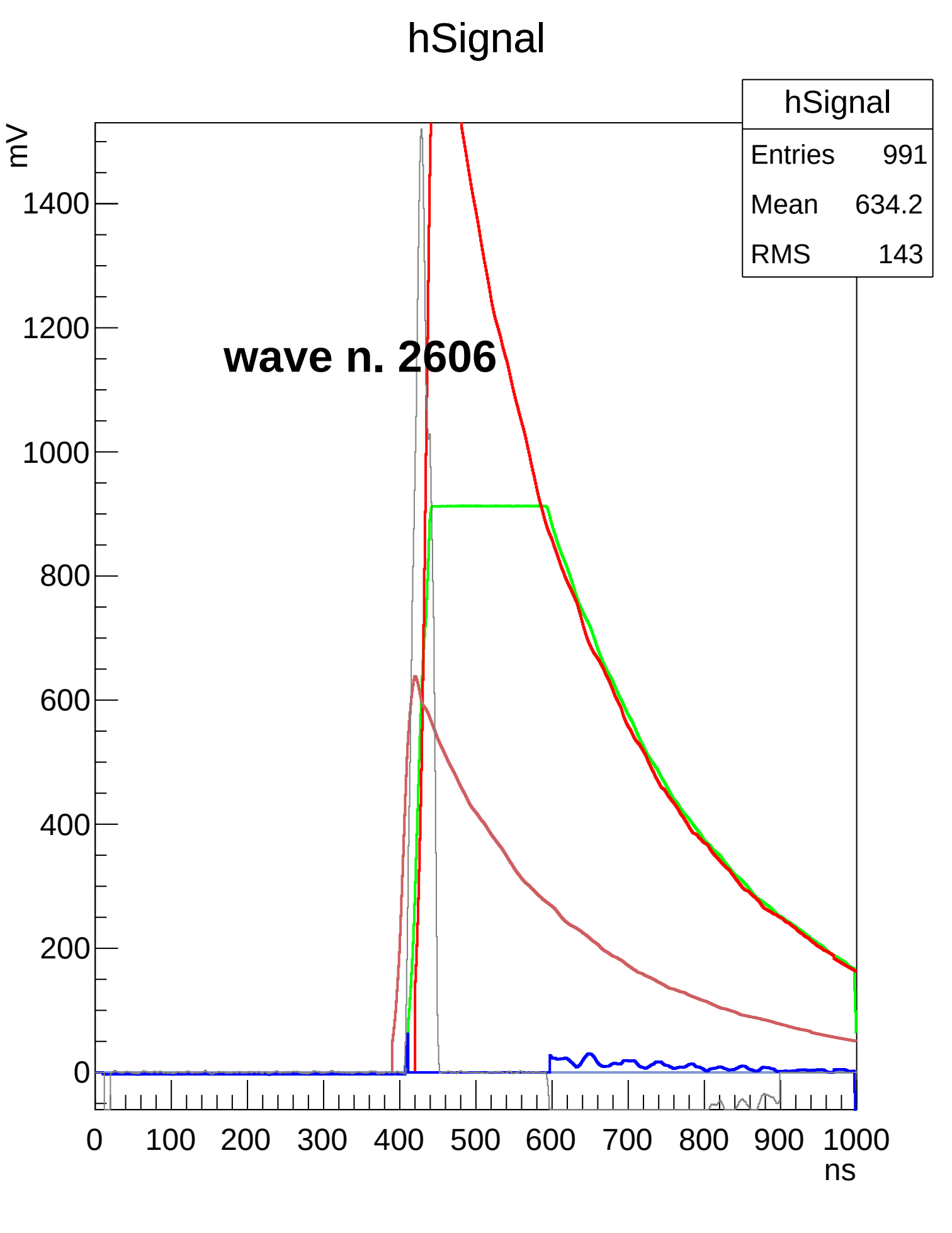
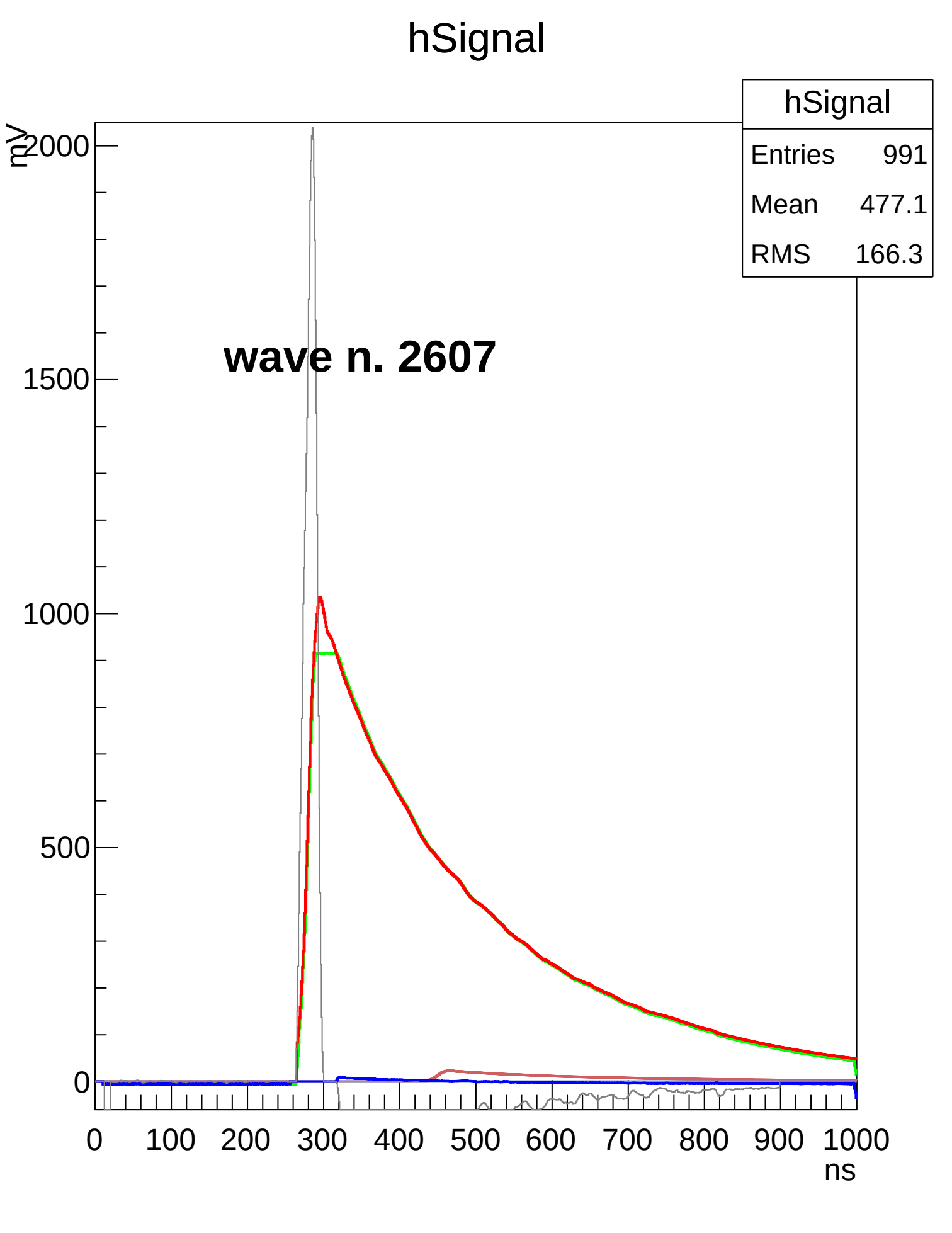
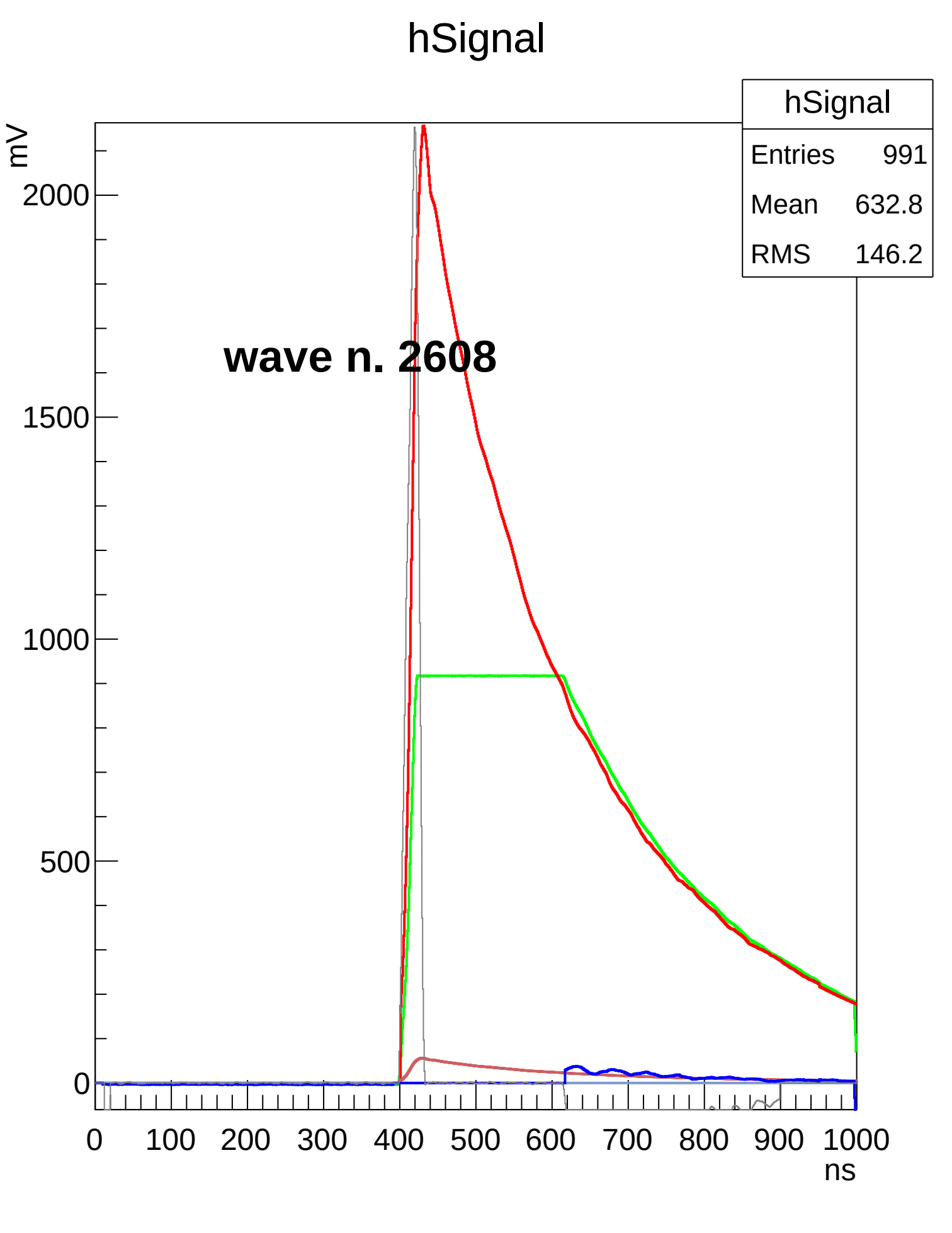
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 623.8
RMS 137.6
wave n. 2604
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 574.4
RMS 148
wave n. 2605
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 634.2
RMS 143
wave n. 2606
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 477.1
RMS 166.3
wave n. 2607
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 632.8
RMS 146.2
wave n. 2608
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400
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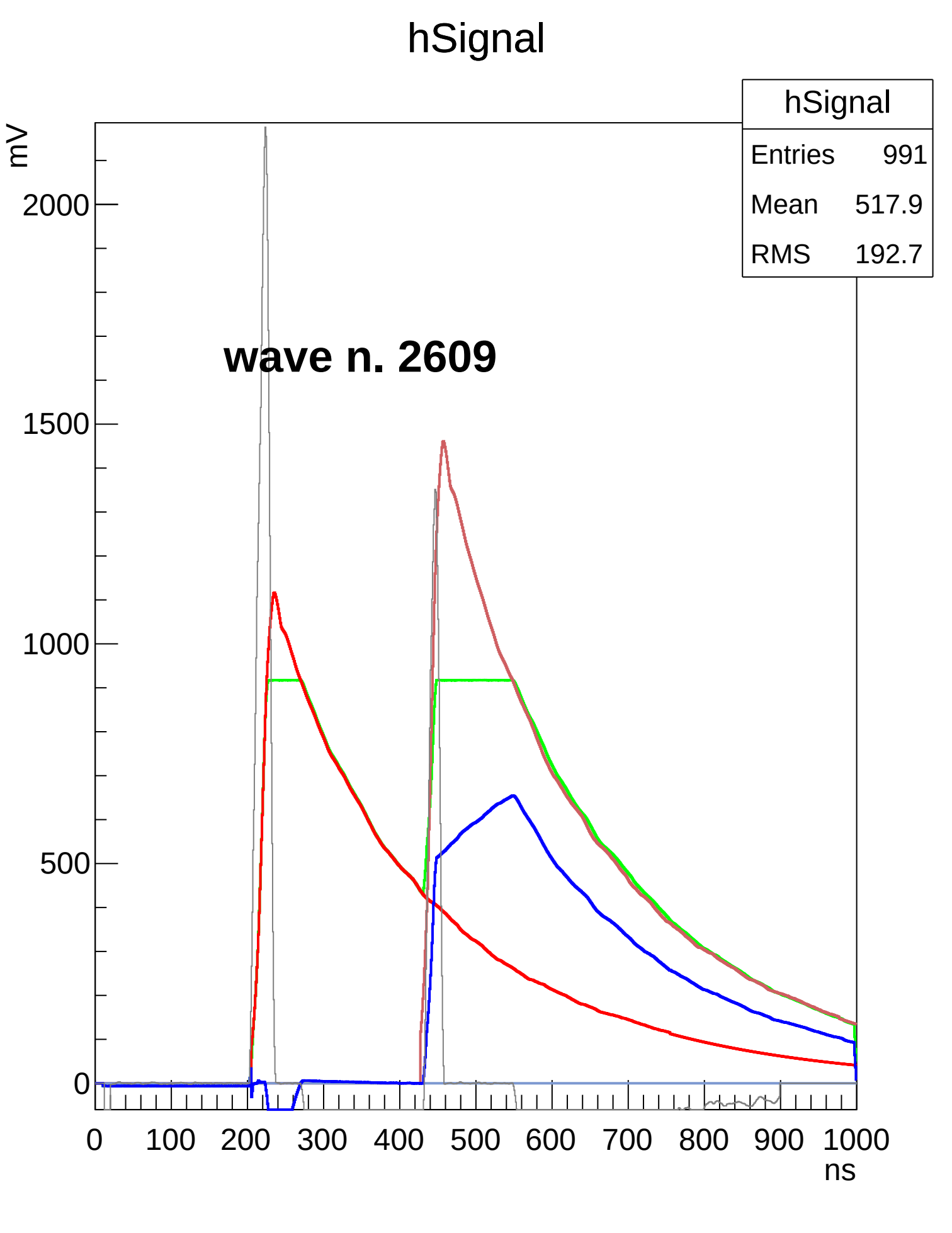
800
900
1000
ns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Entries 991
Mean 517.9
RMS 192.7
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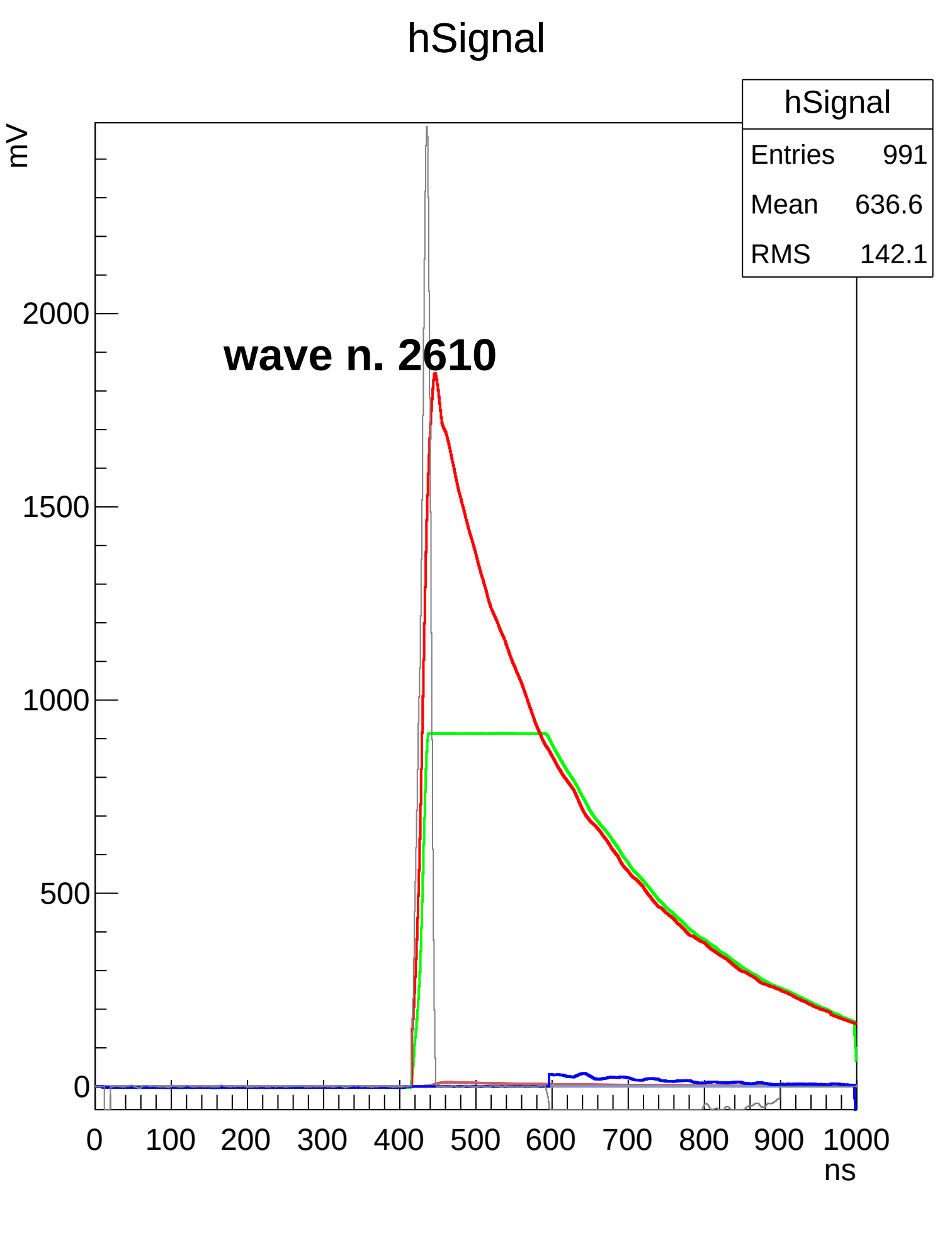
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hSignal
Entries 991
Mean 636.6
RMS 142.1
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1000
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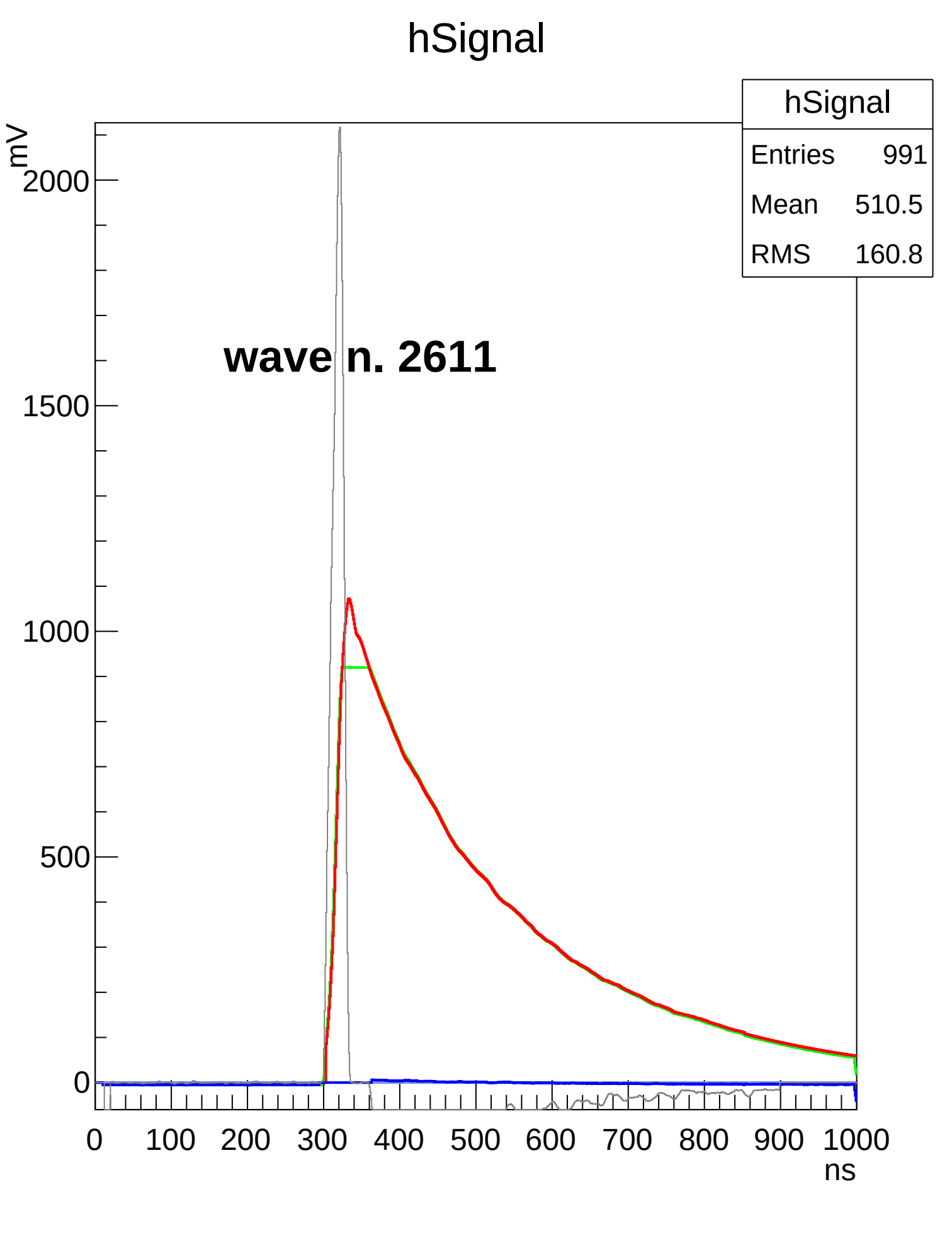
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Entries 991
Mean 510.5
RMS 160.8
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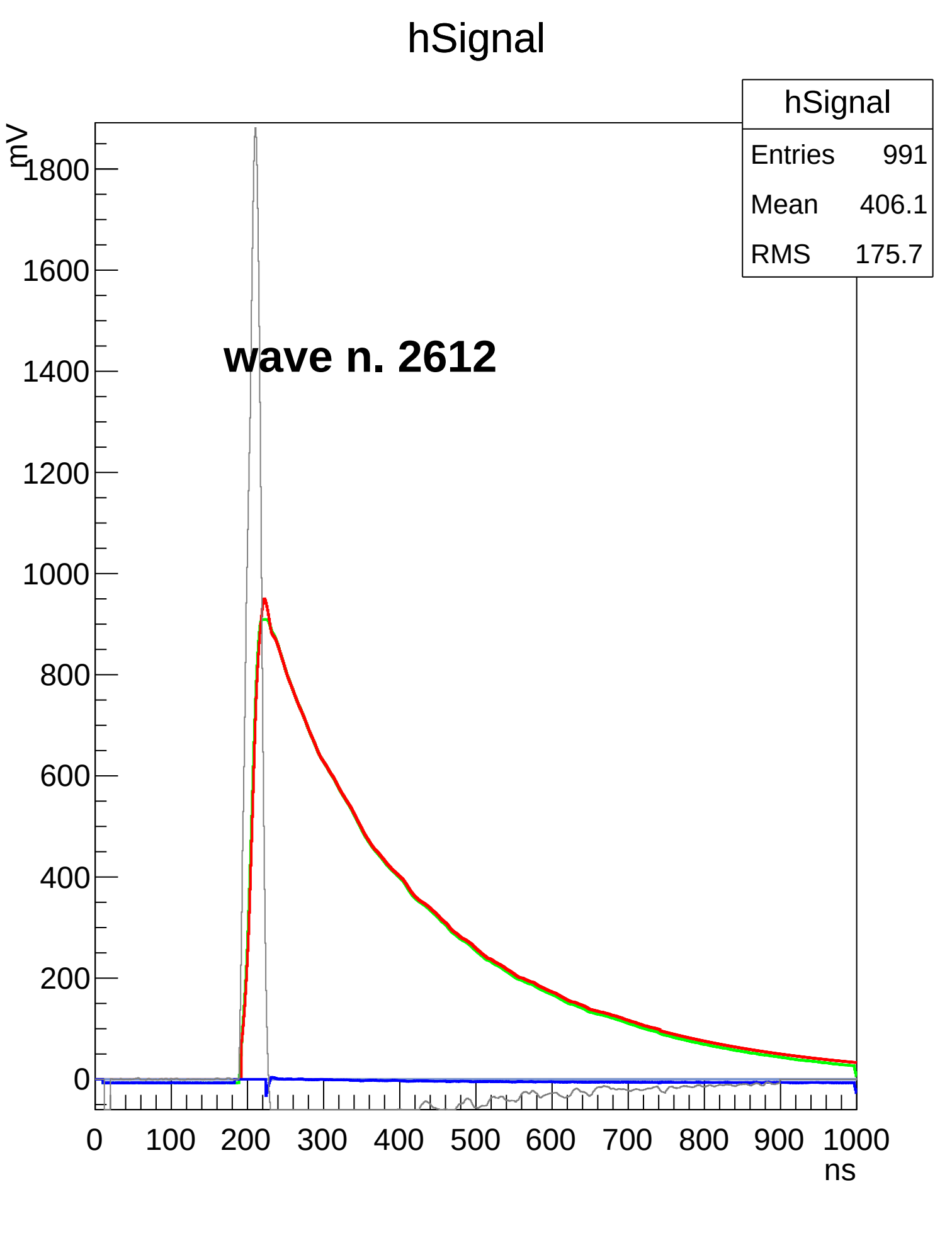
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hSignal
Entries 991
Mean 406.1
RMS 175.7
wave n. 2612
mV
1800
1600
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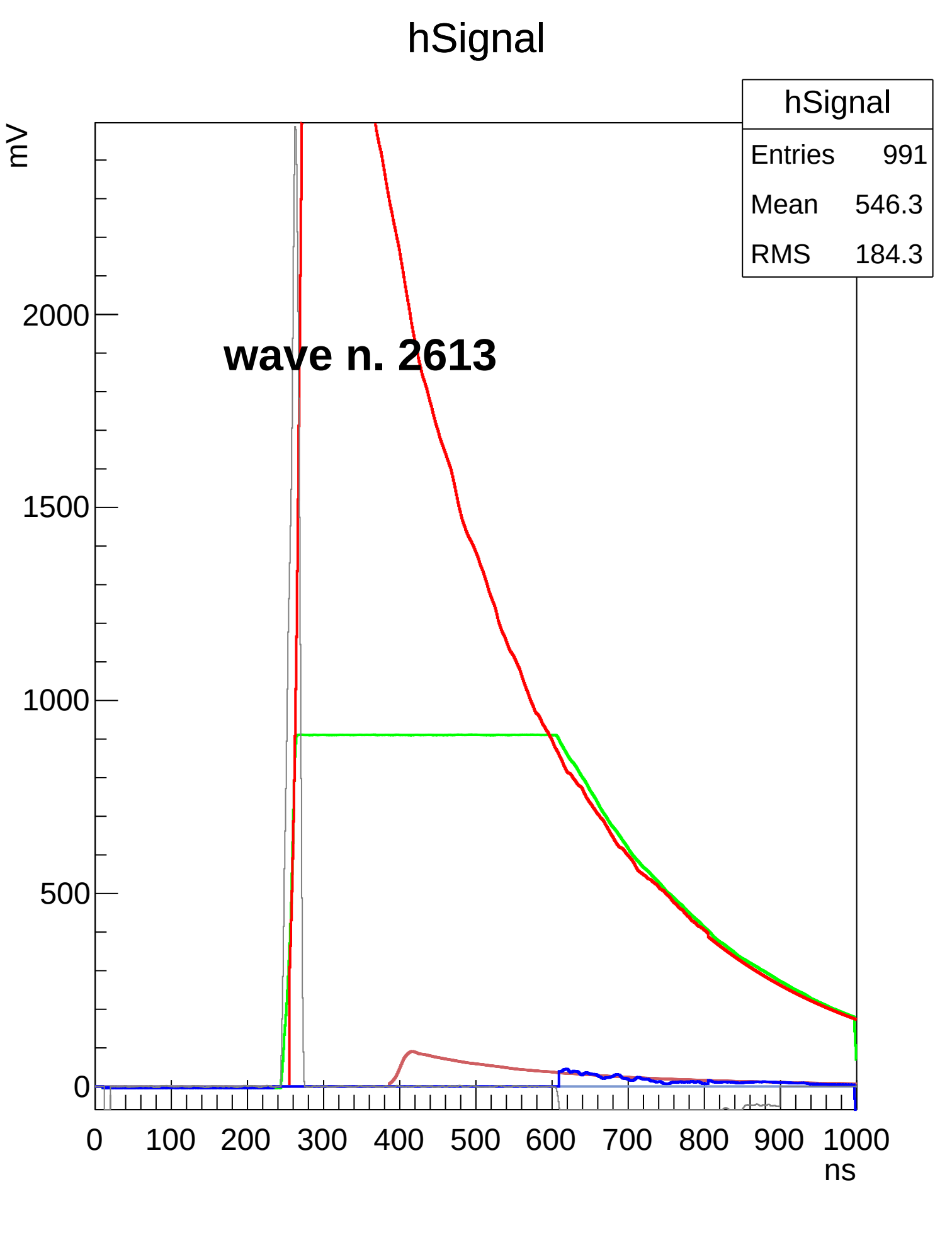
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Mean 546.3
RMS 184.3
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0
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800
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1000
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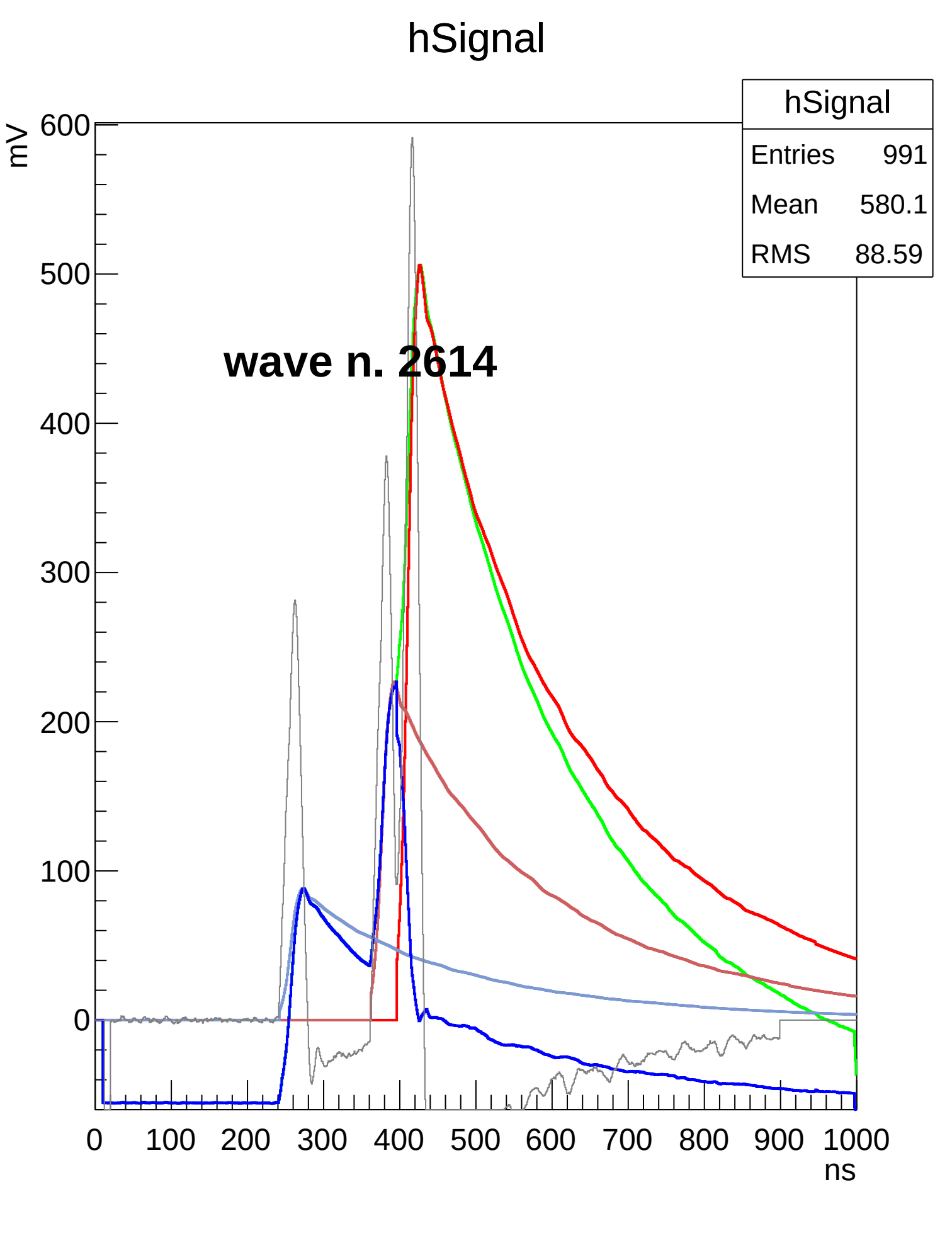
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hSignal
Entries 991
Mean 580.1
RMS 88.59
wave n. 2614
mV
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200
100
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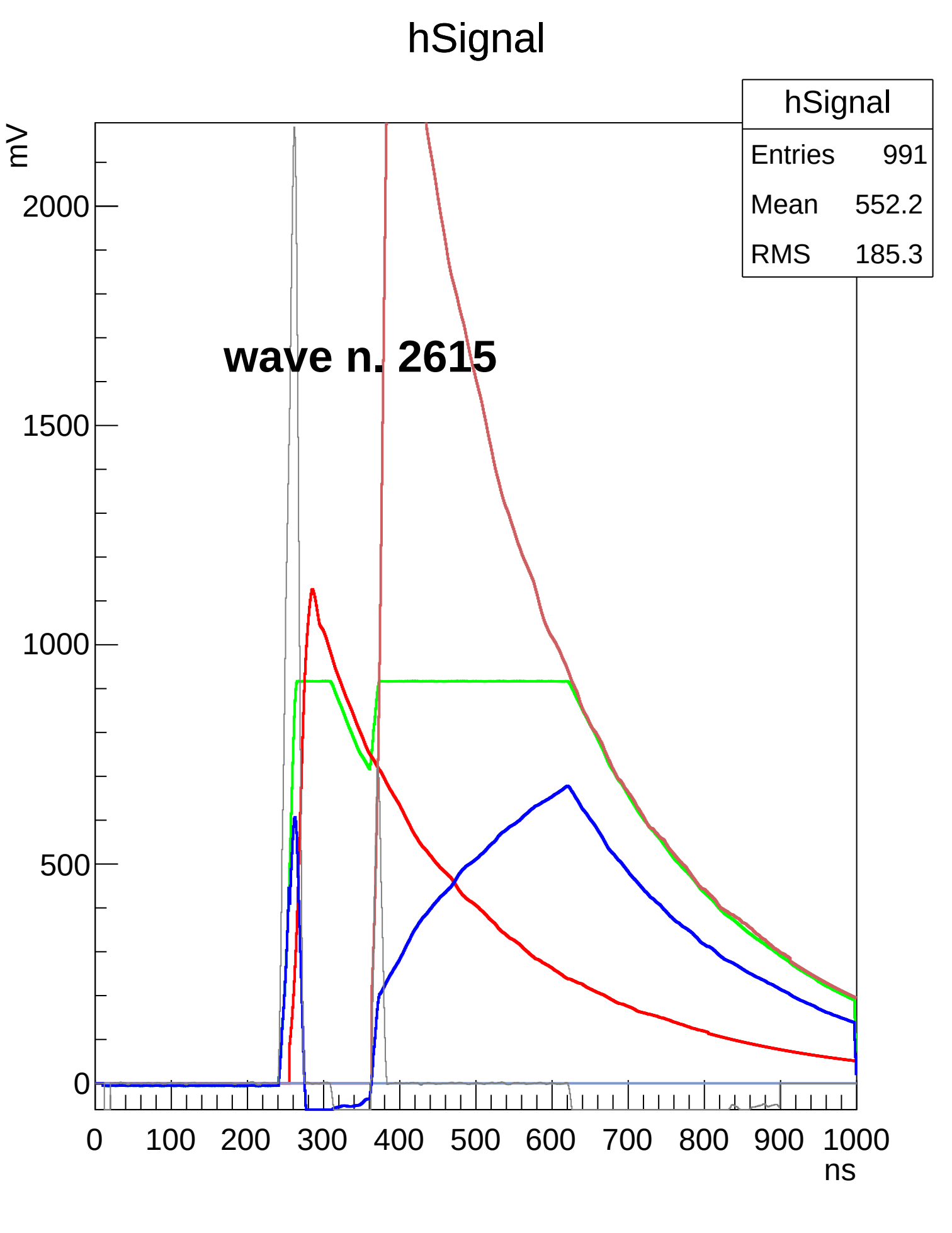
ns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hSignal
Entries 991
Mean 552.2
RMS 185.3
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0
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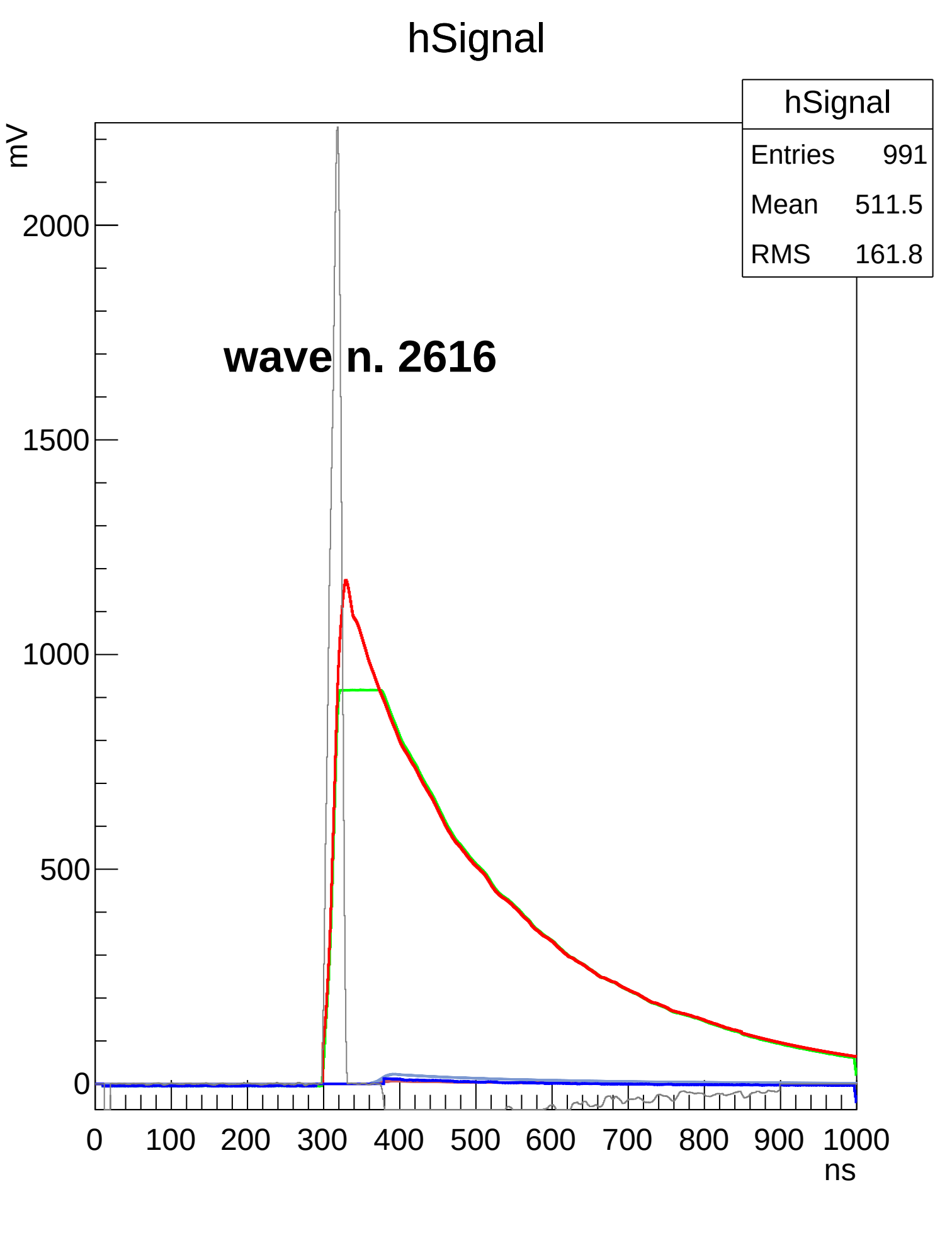
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Entries 991
Mean 511.5
RMS 161.8
wave n. 2616
mV
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500
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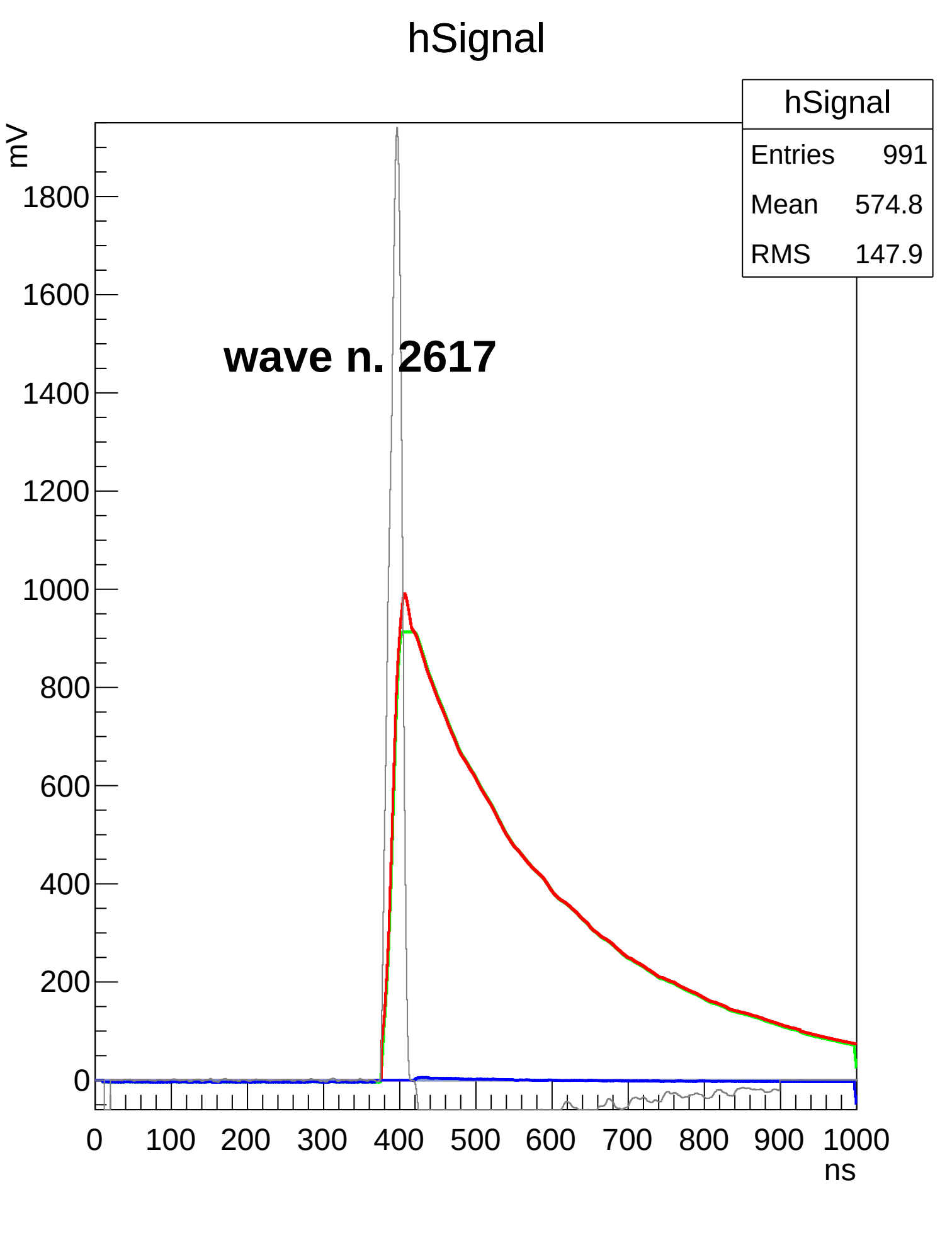
ns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Entries 991
Mean 574.8
RMS 147.9
wave n. 2617
mV
1800
1600
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600
400
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0
0
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200
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400
500
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800
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1000
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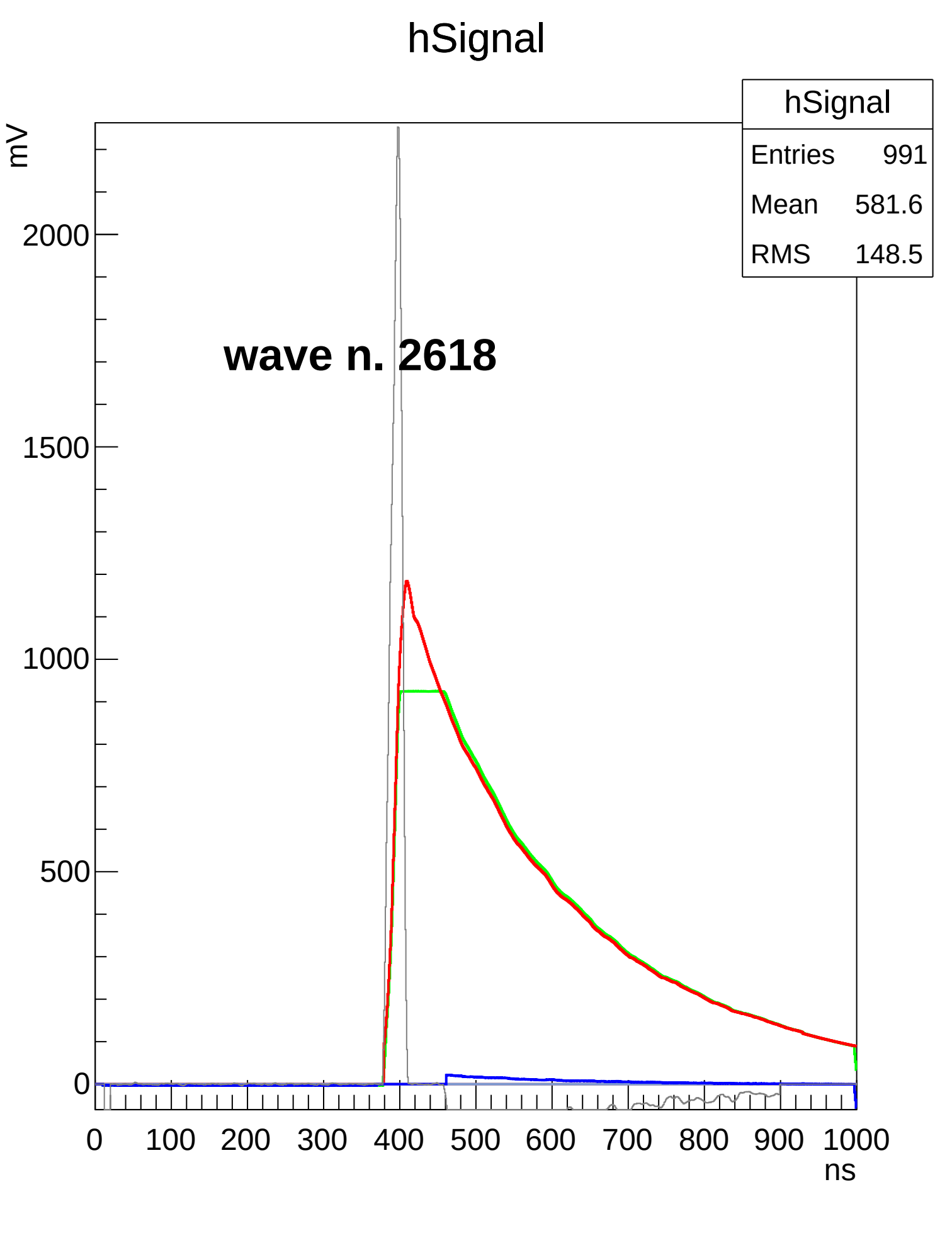
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hSignal
Entries 991
Mean 581.6
RMS 148.5
wave n. 2618
mV
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1000
500
0
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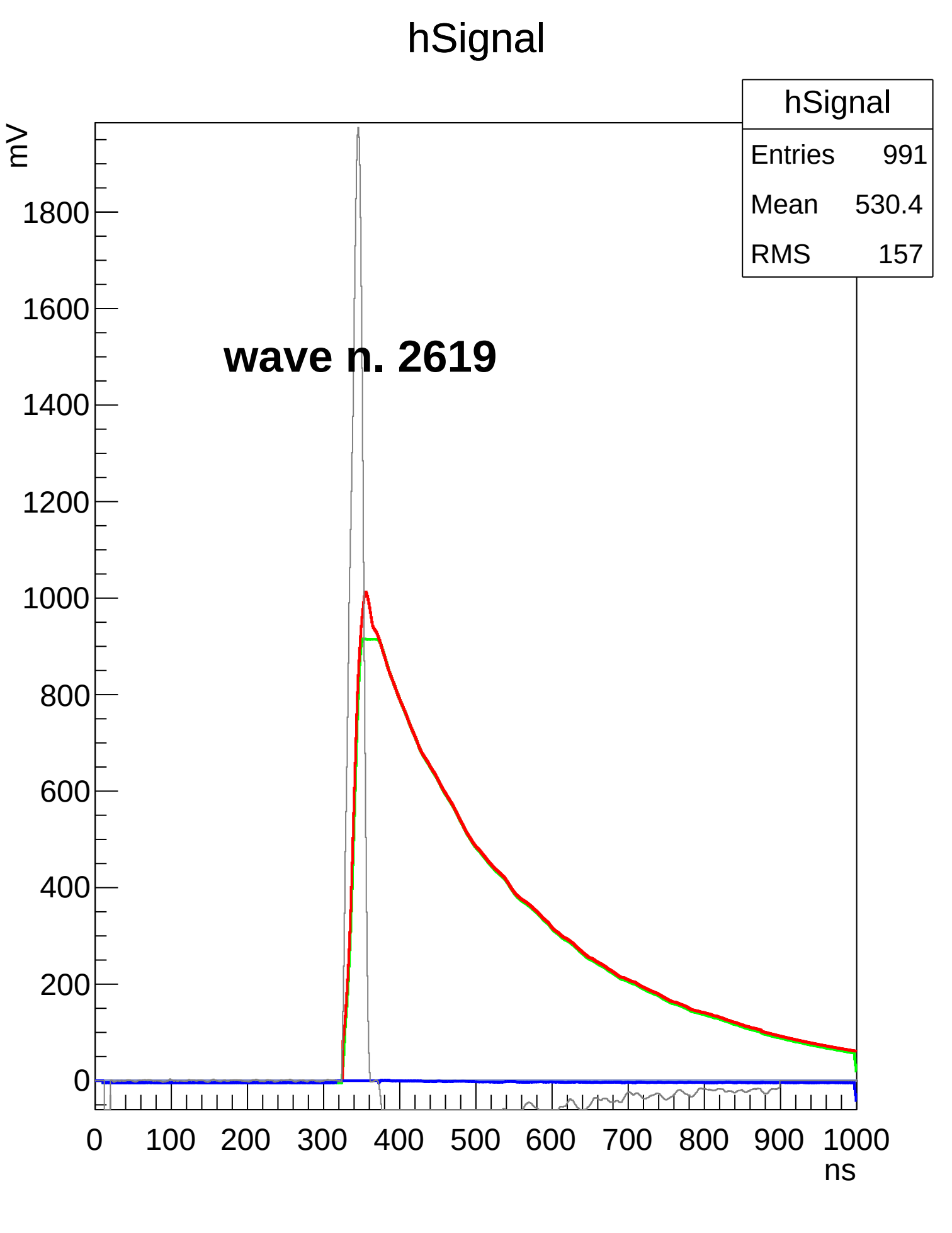
ns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hSignal
Entries 991
Mean 530.4
RMS 157
wave n. 2619
mV
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1600
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1200
1000
800
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400
200
0
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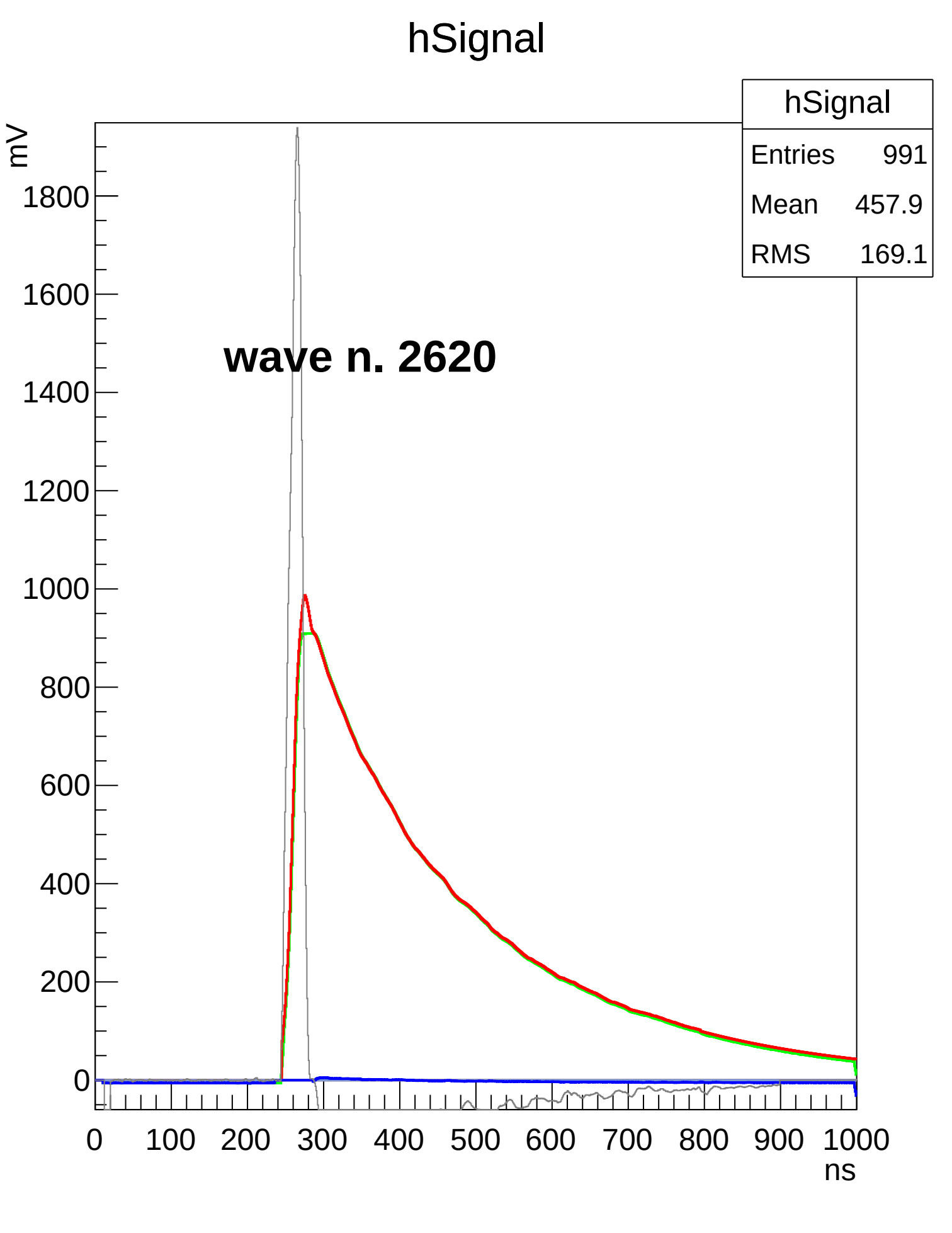
ns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hSignal
Entries 991
Mean 457.9
RMS 169.1
wave n. 2620
mV
1800
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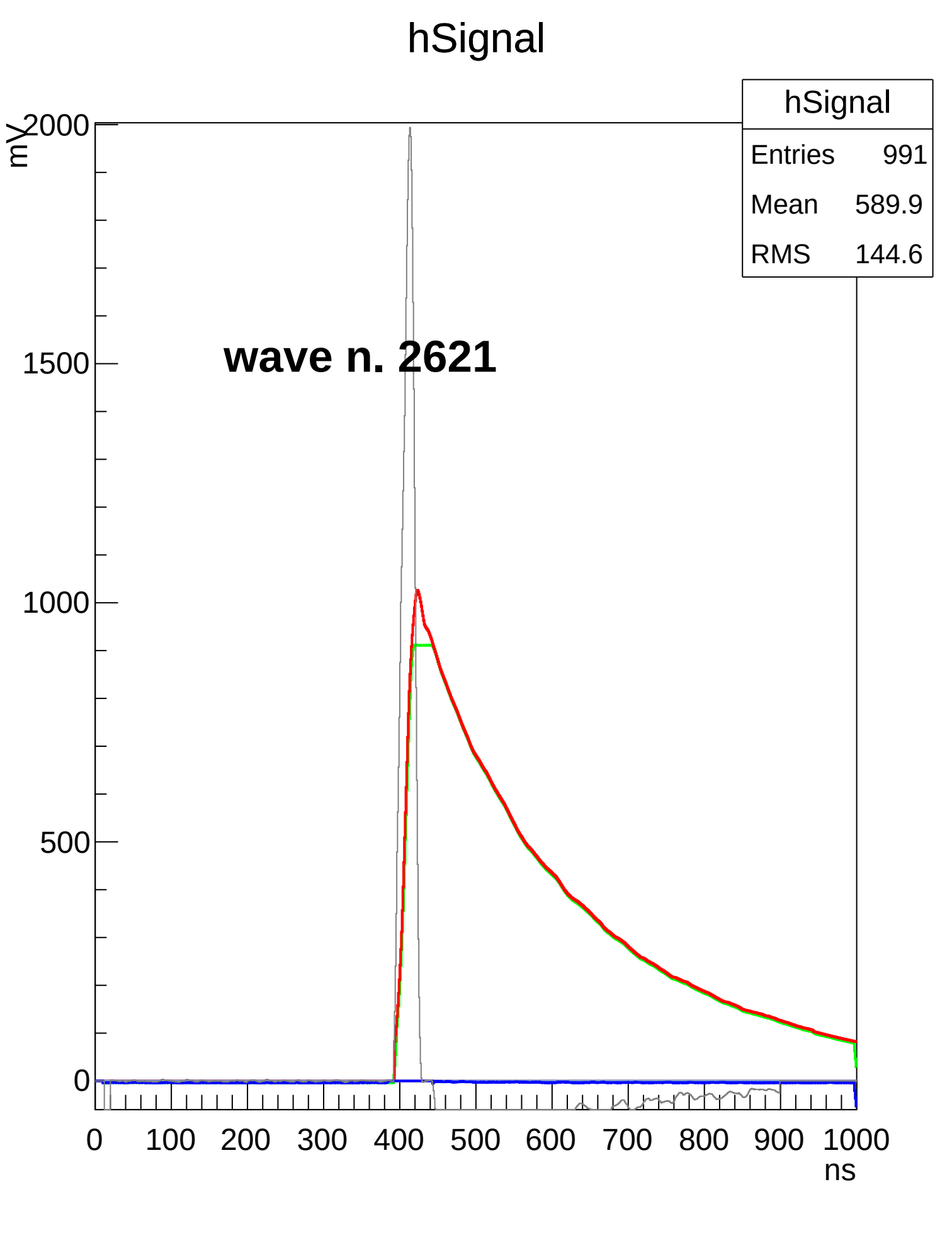
1000
ns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hSignal
Entries 991
Mean 589.9
RMS 144.6
wave n. 2621
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600
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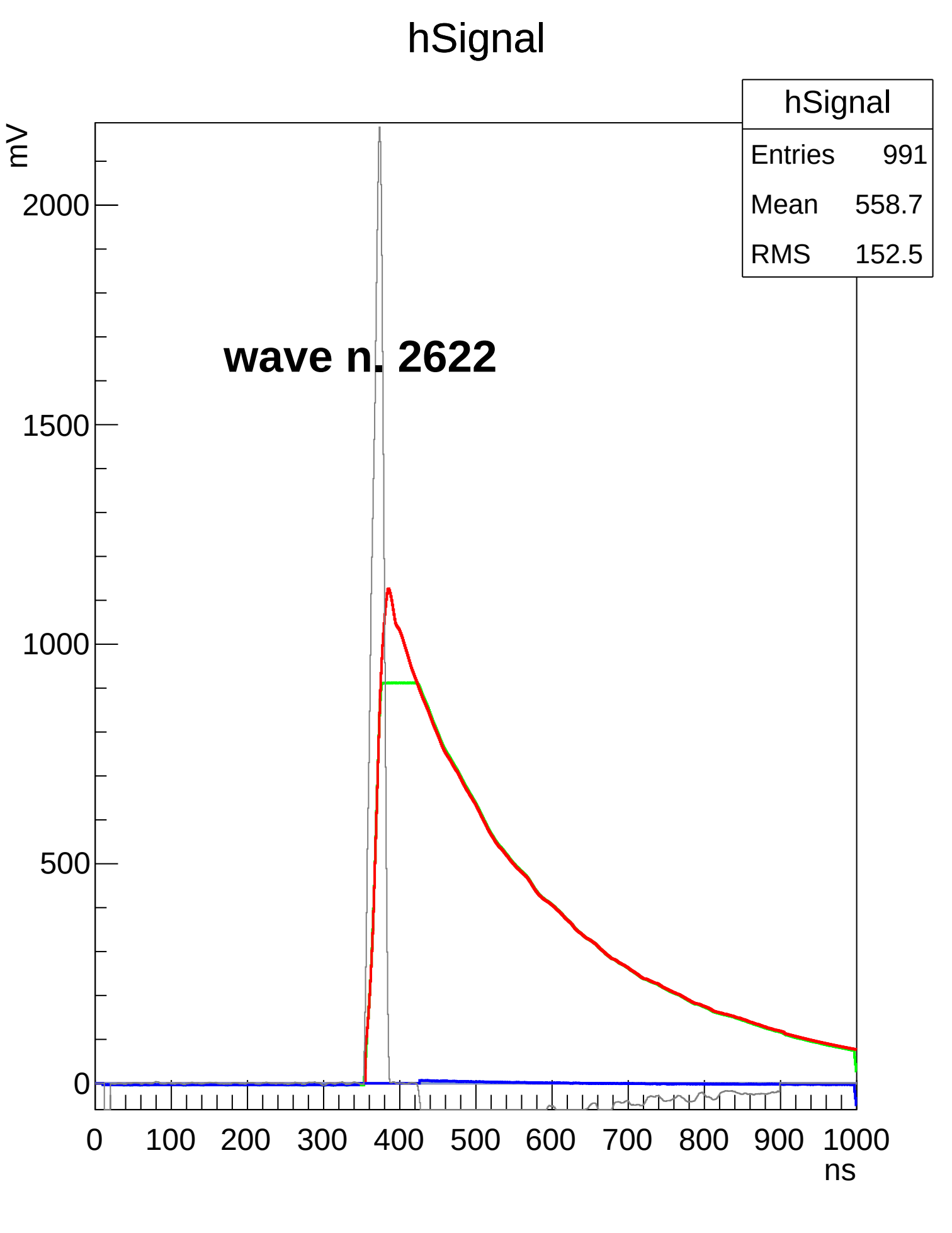
800
900
1000
ns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hSignal
Entries 991
Mean 558.7
RMS 152.5
wave n. 2622
mV
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1000
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0
100
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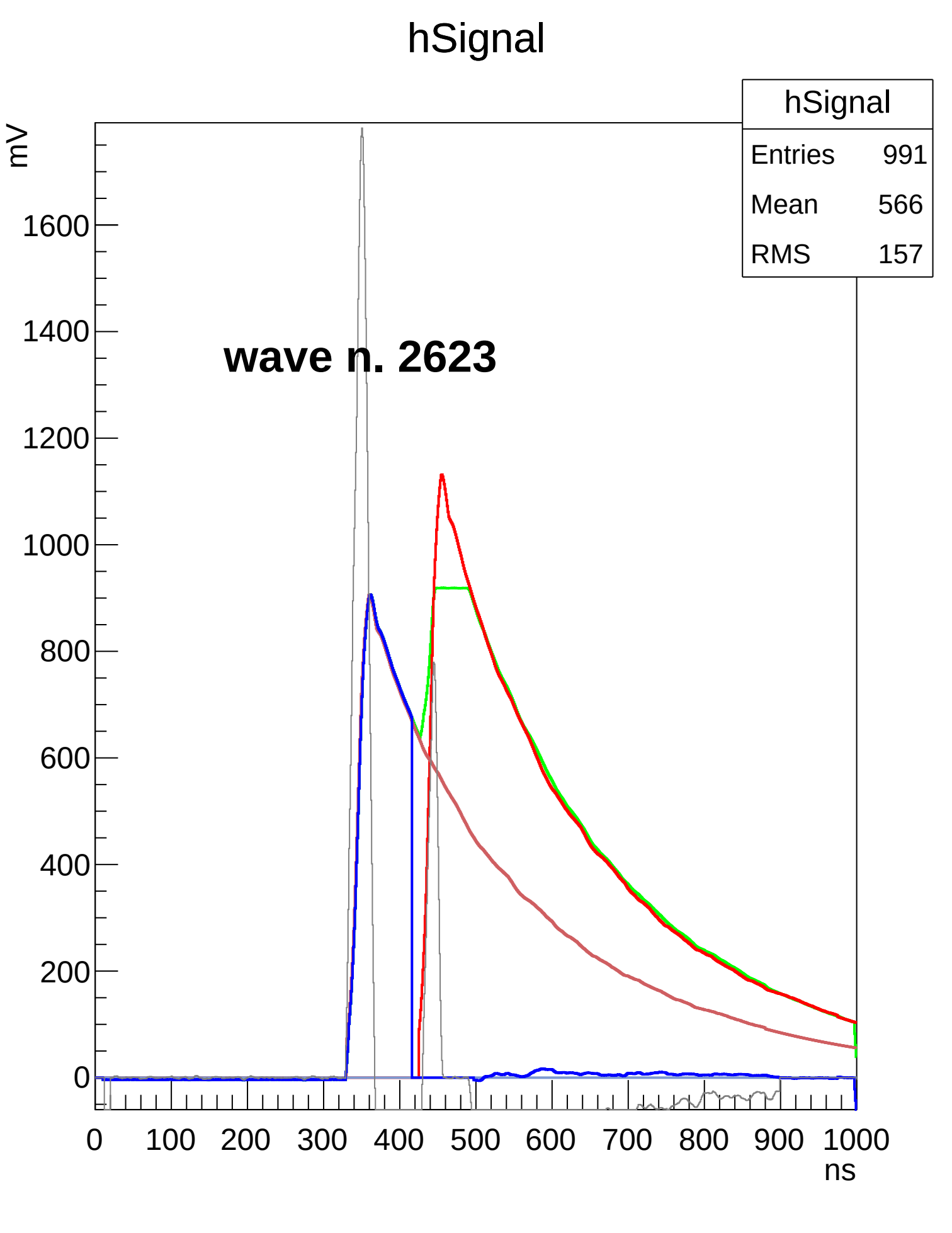
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 566
RMS 157
wave n. 2623
mV
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1000
800
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400
200
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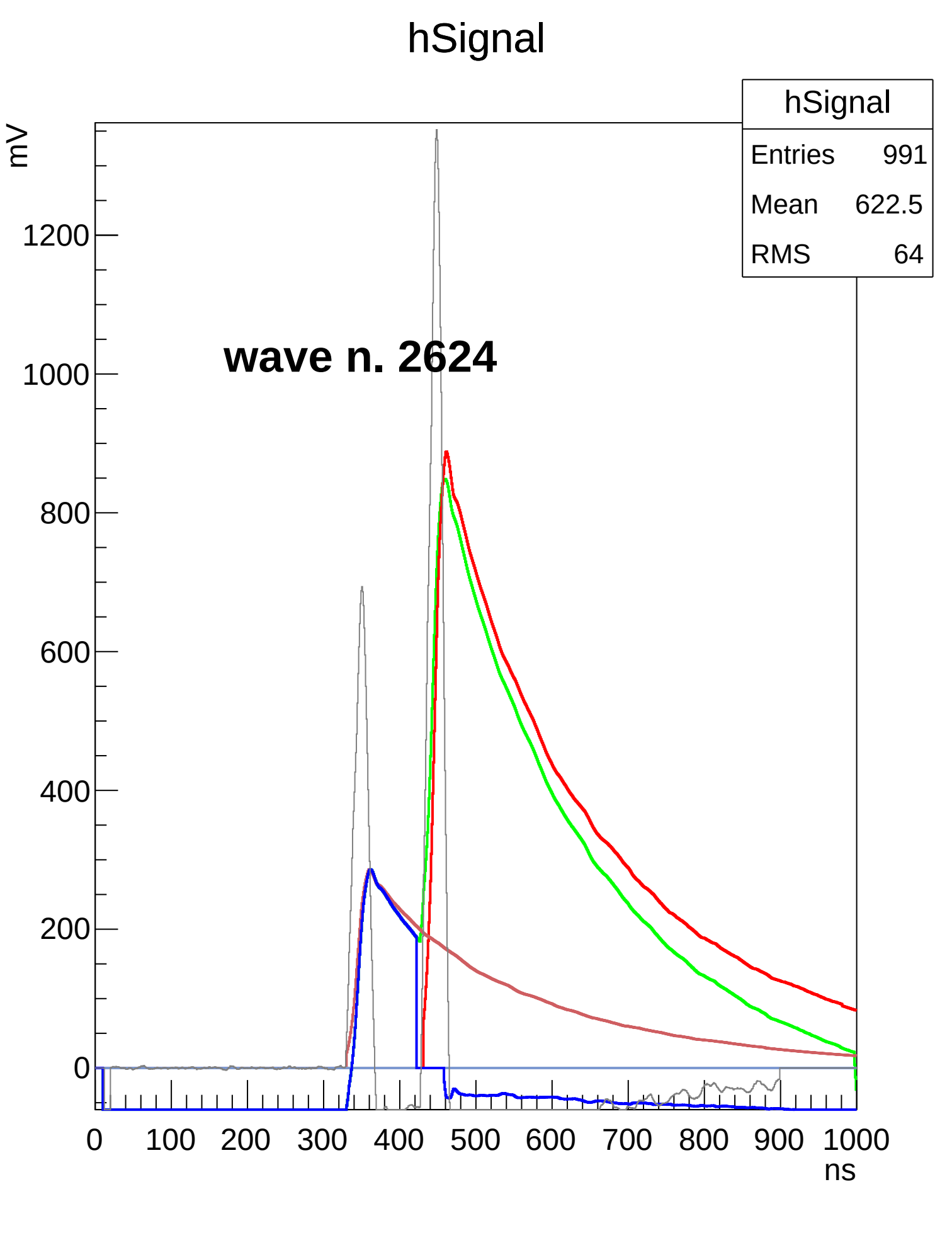
ns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hSignal
Entries 991
Mean 622.5
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wave n. 2624
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400
200
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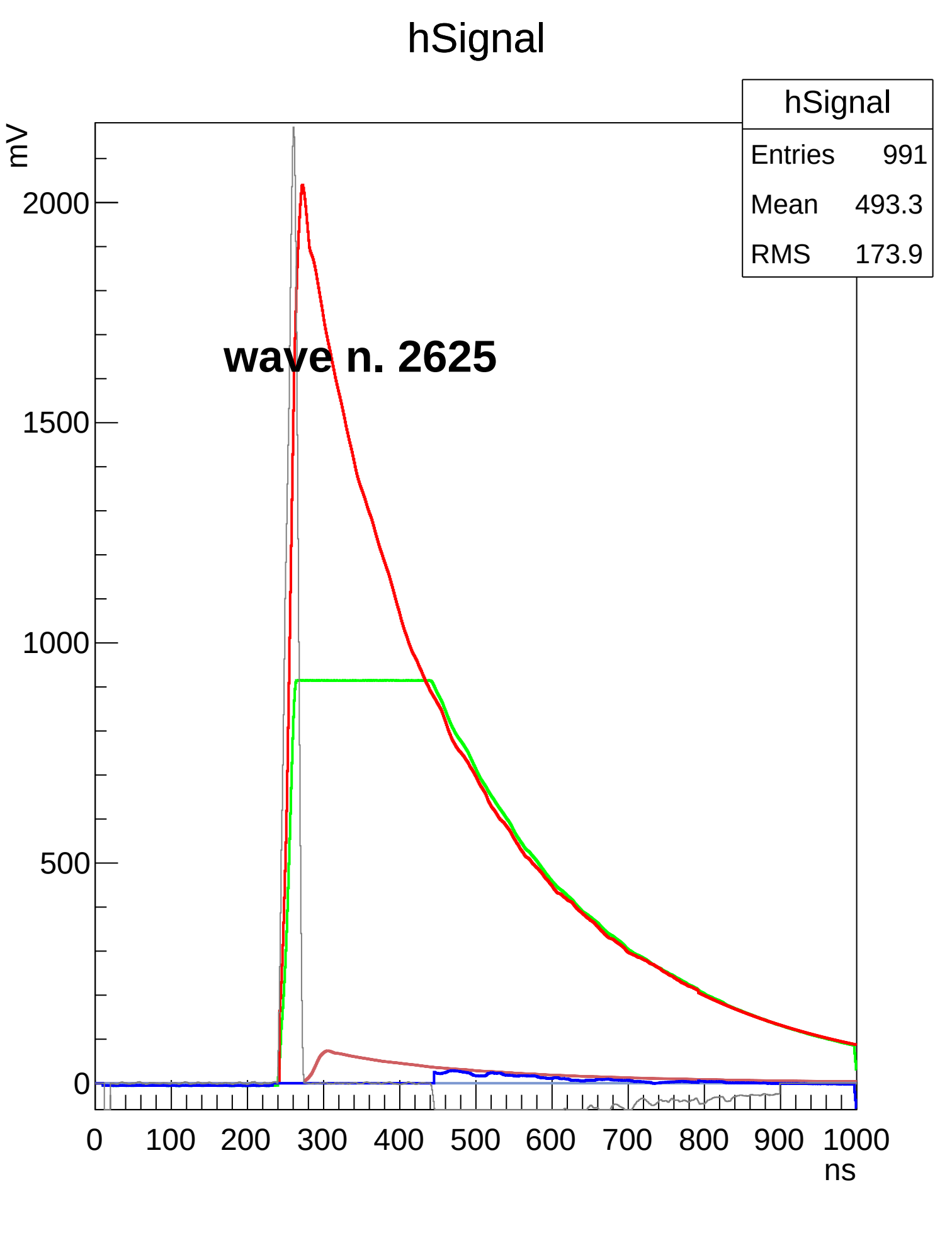
ns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Entries 991
Mean 493.3
RMS 173.9
wave n. 2625
mV
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1000
500
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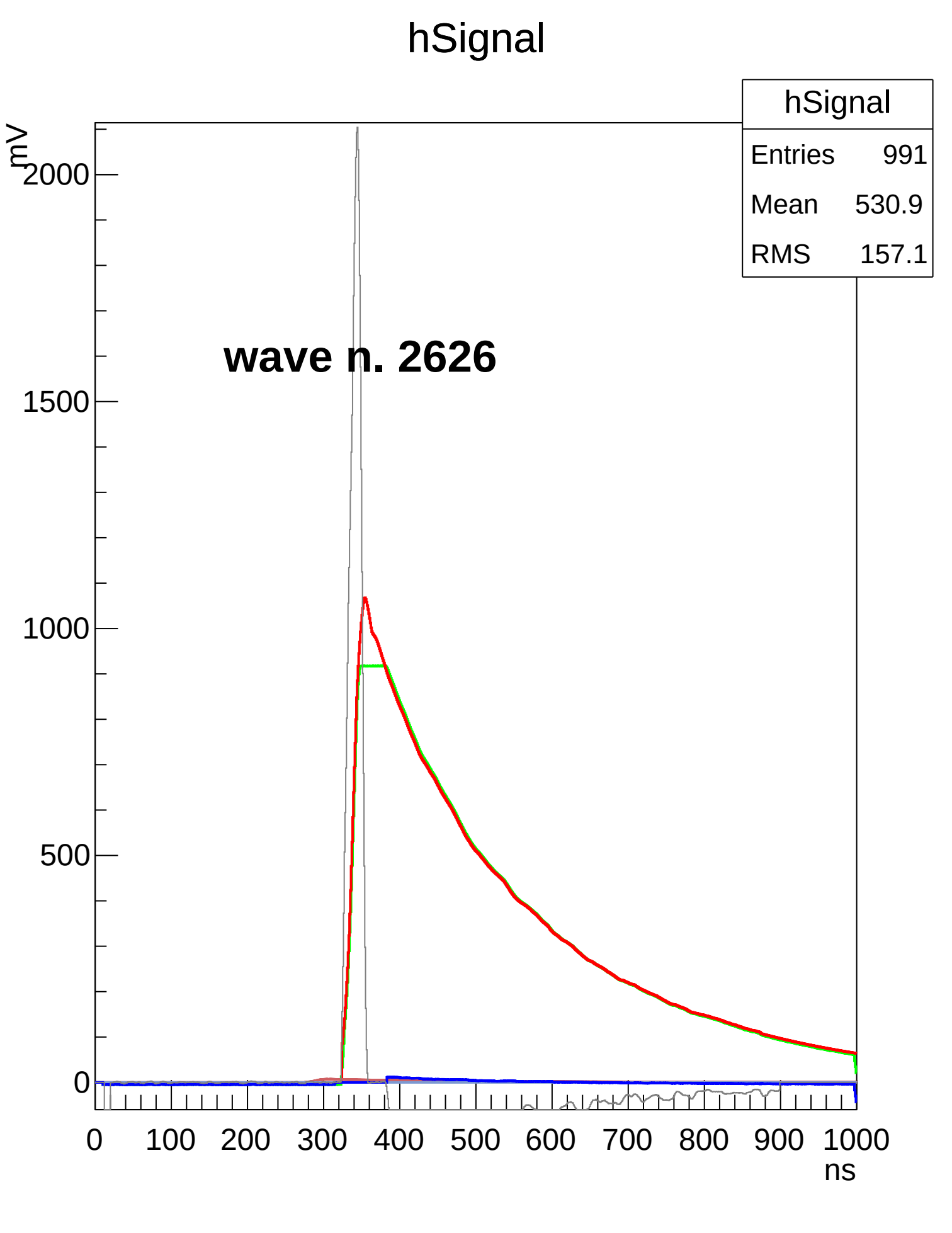
ns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hSignal
Entries 991
Mean 530.9
RMS 157.1
wave n. 2626
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800
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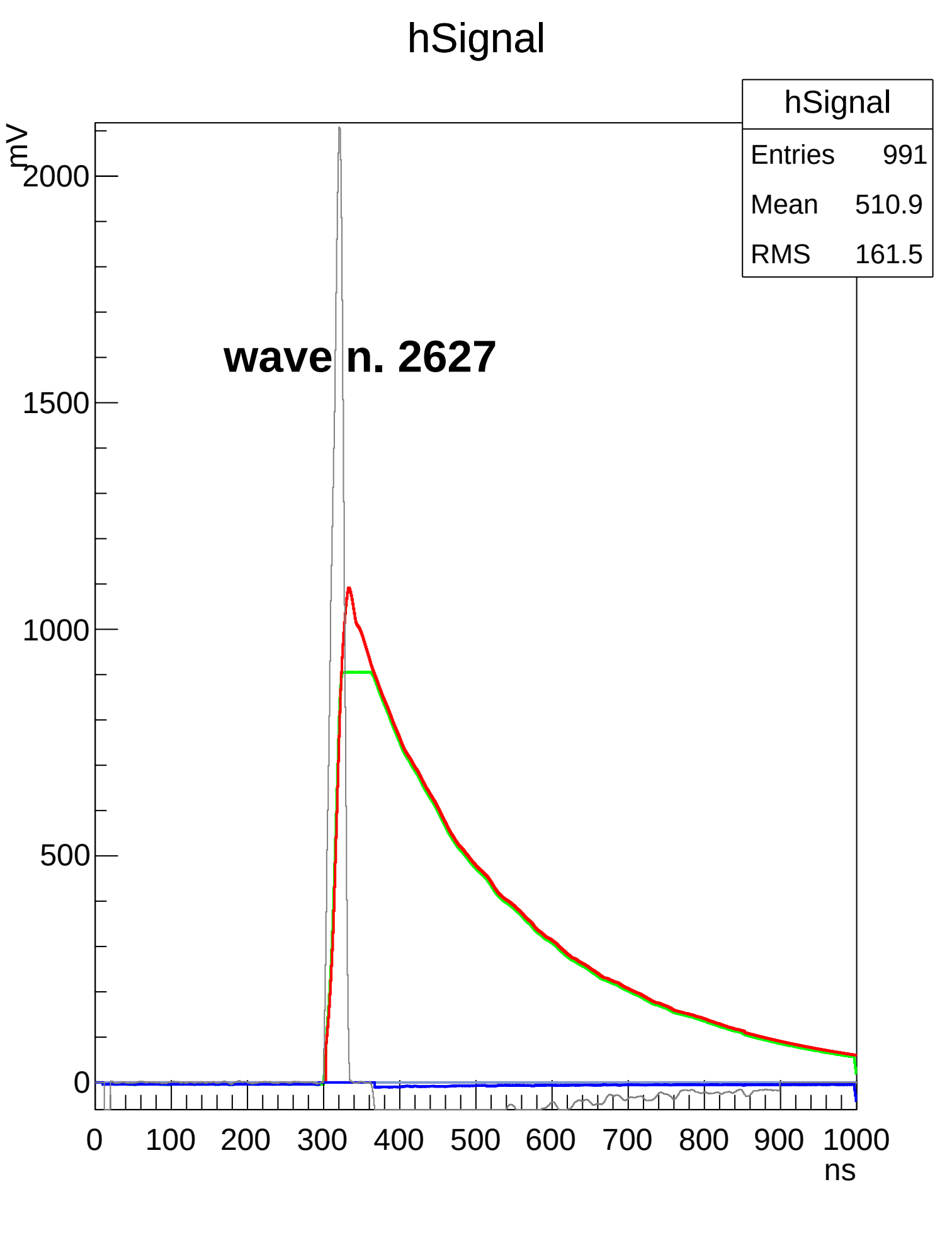
1000
ns


hSignal
hSignal
Entries 991
Mean 510.9
RMS 161.5
wave n. 2627
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1000
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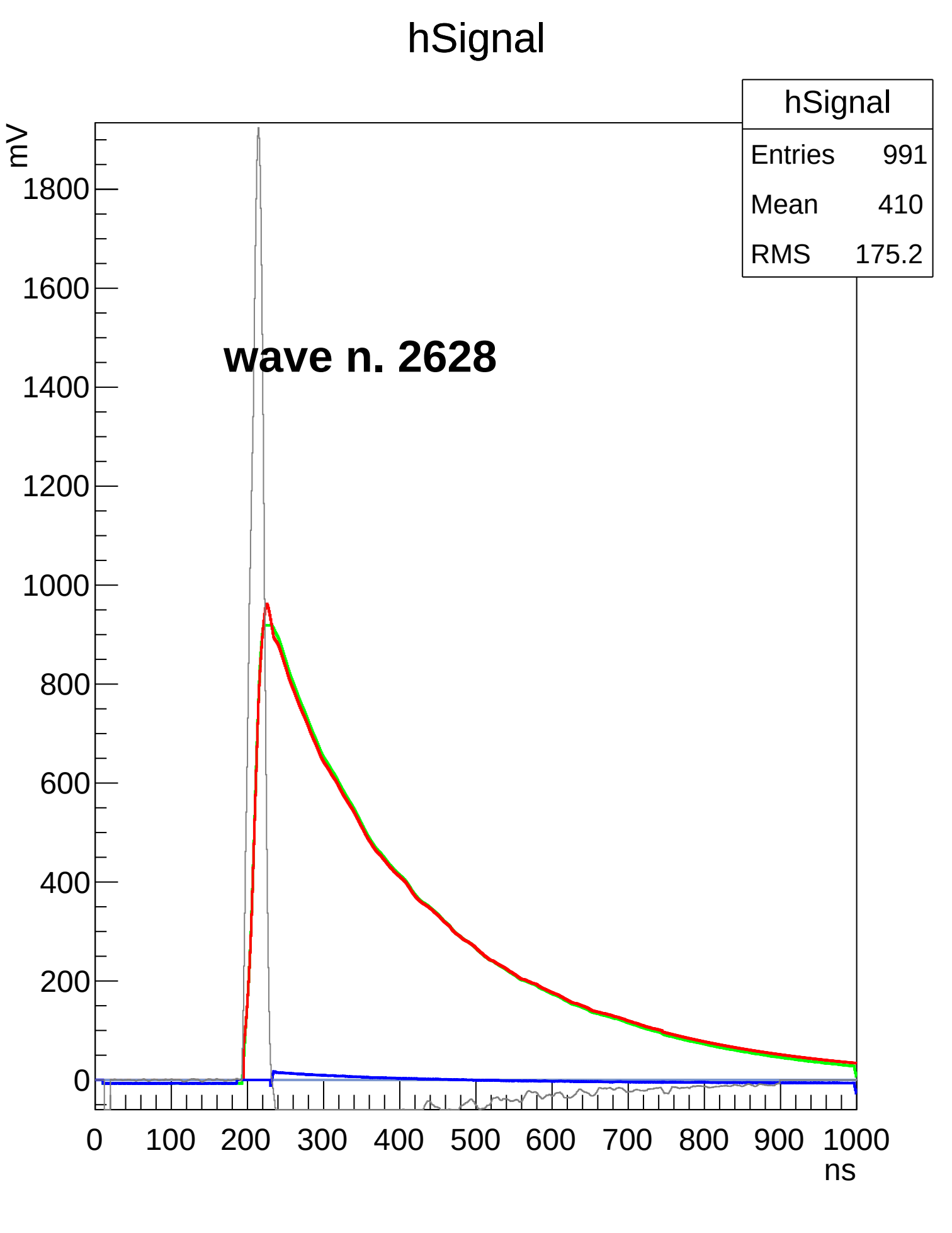
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Entries 991
Mean 410
RMS 175.2
wave n. 2628
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1600
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1200
1000
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400
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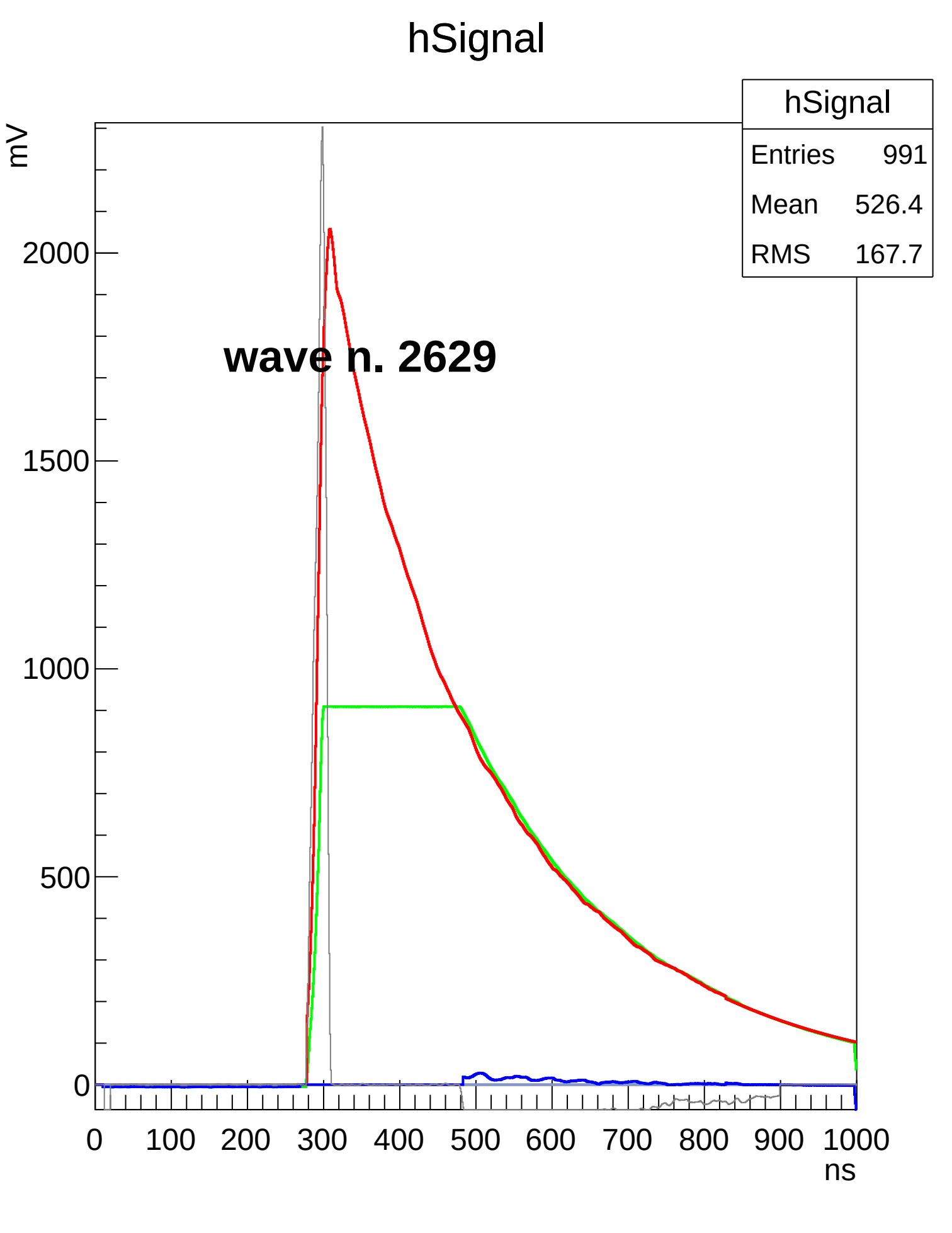
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RMS 167.7
wave n. 2629
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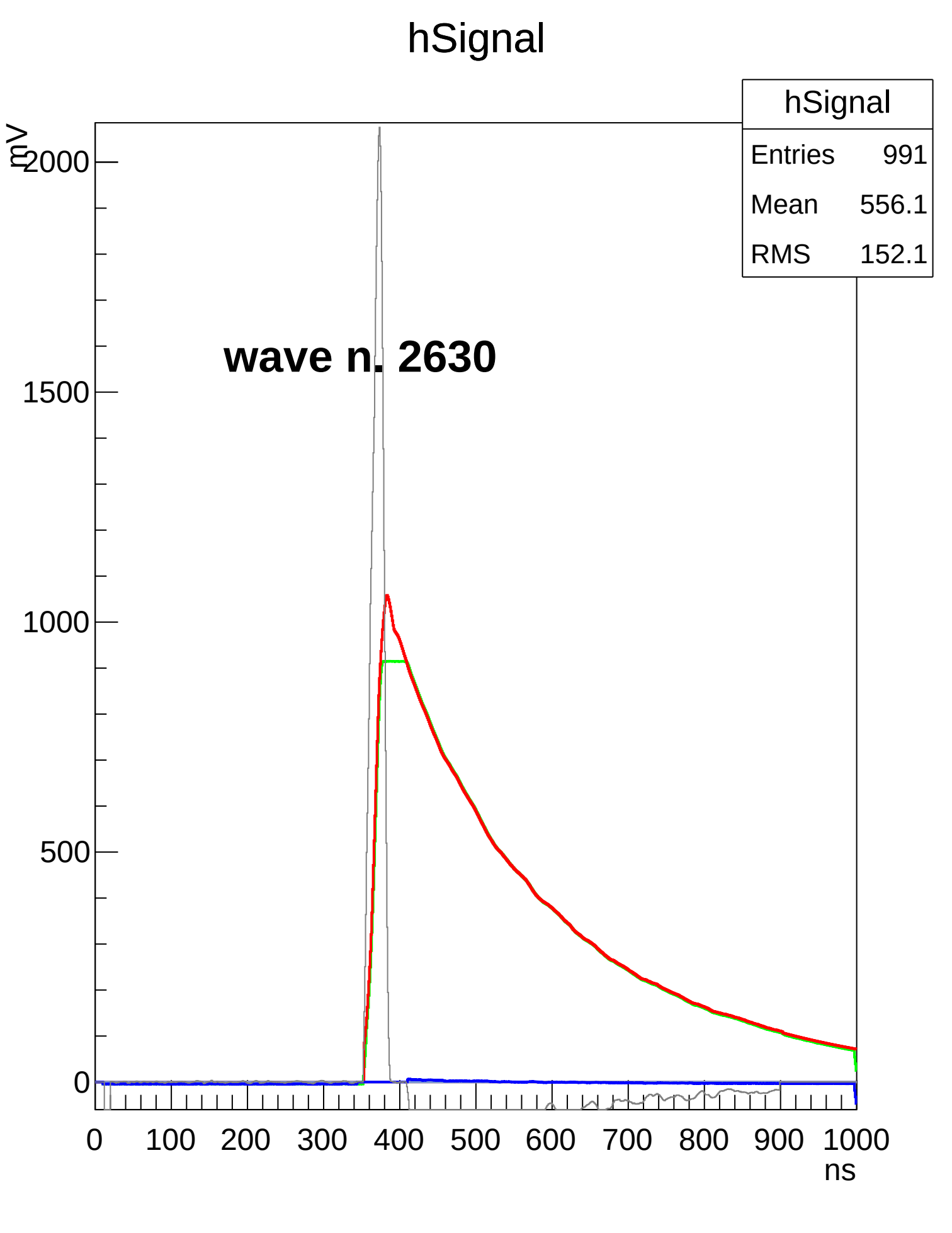
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Entries 991
Mean 556.1
RMS 152.1
wave n. 2630
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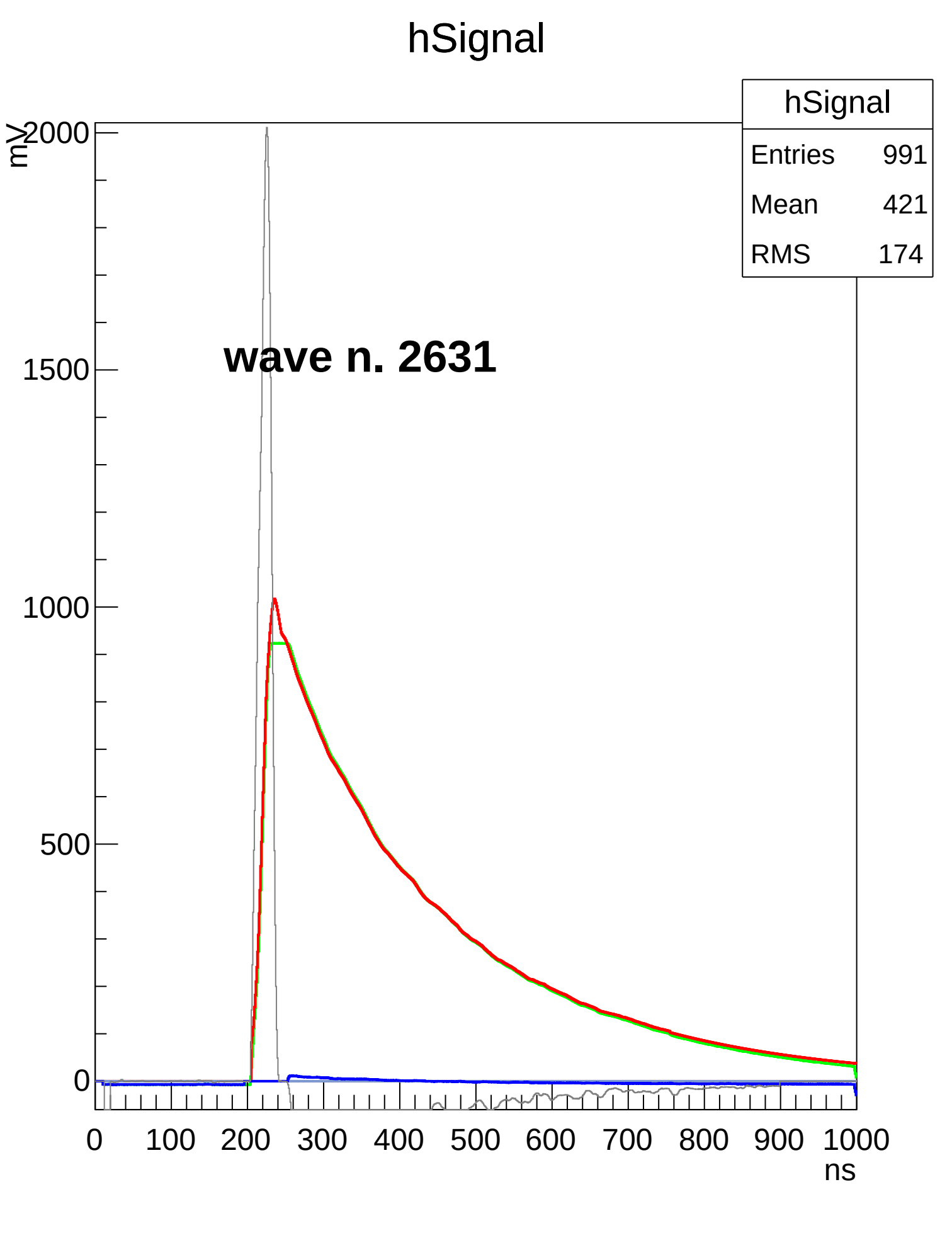
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Mean 421
RMS 174
wave n. 2631
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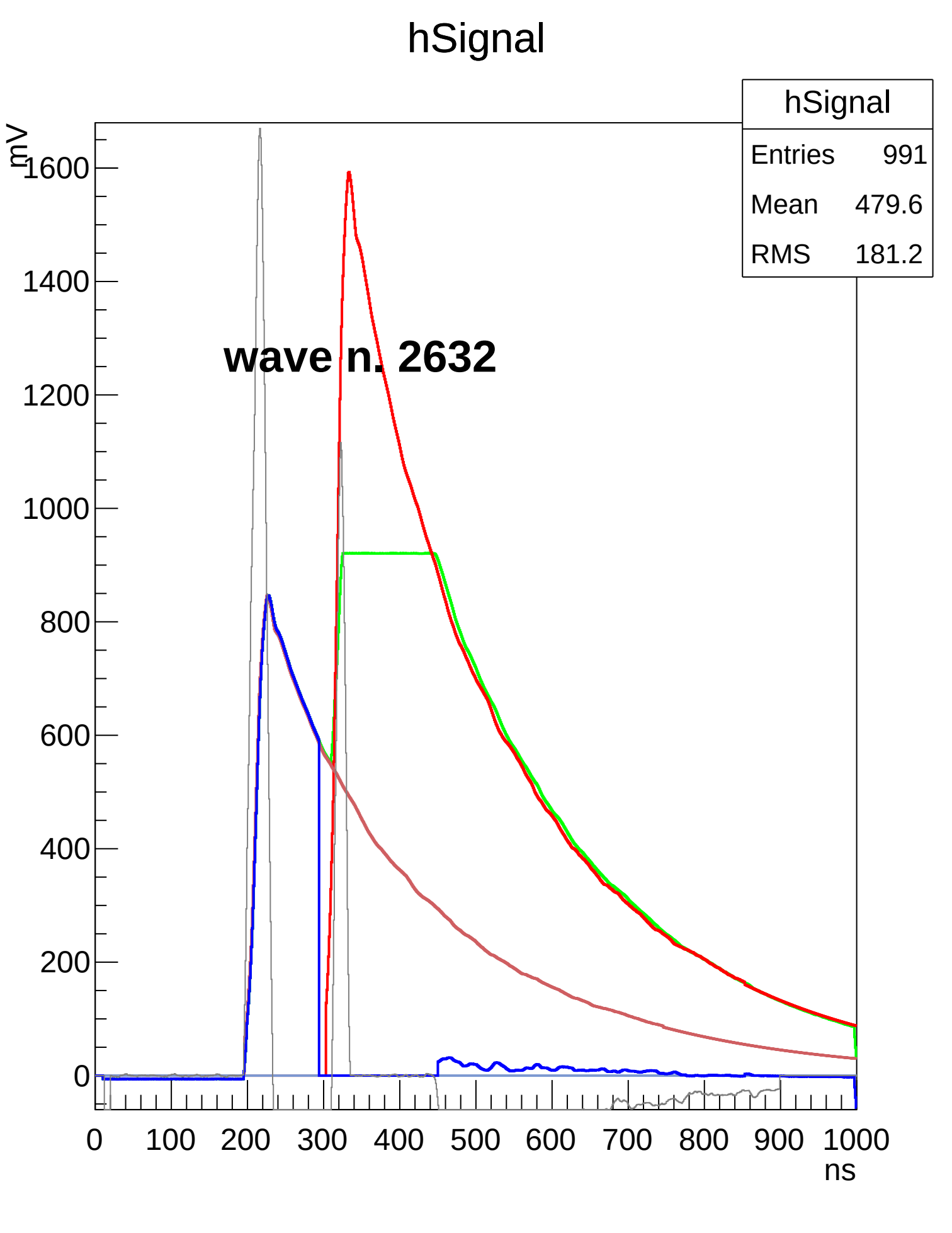
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Entries 991
Mean 479.6
RMS 181.2
wave n. 2632
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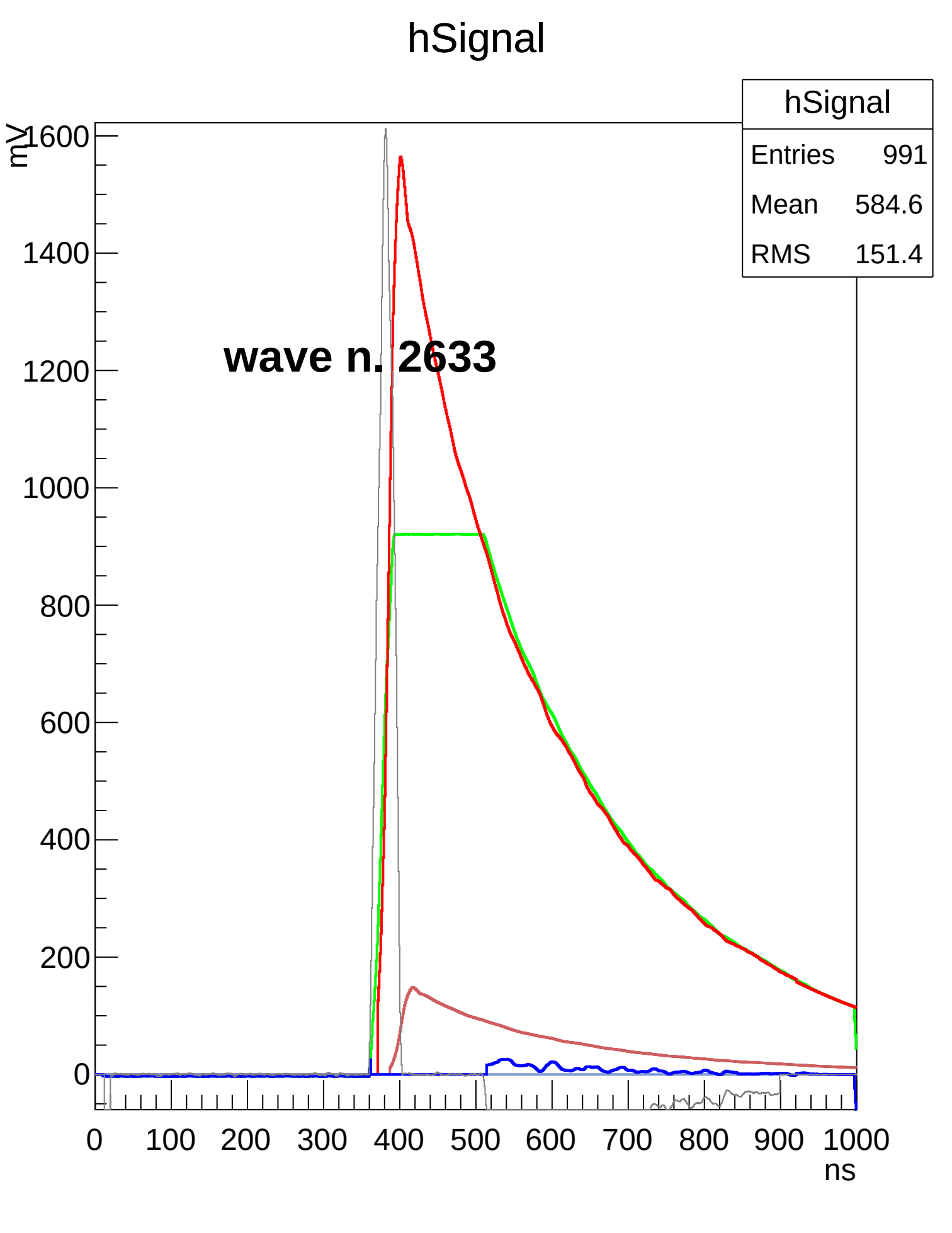
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hSignal
Entries 991
Mean 584.6
RMS 151.4
wave n. 2633
mV
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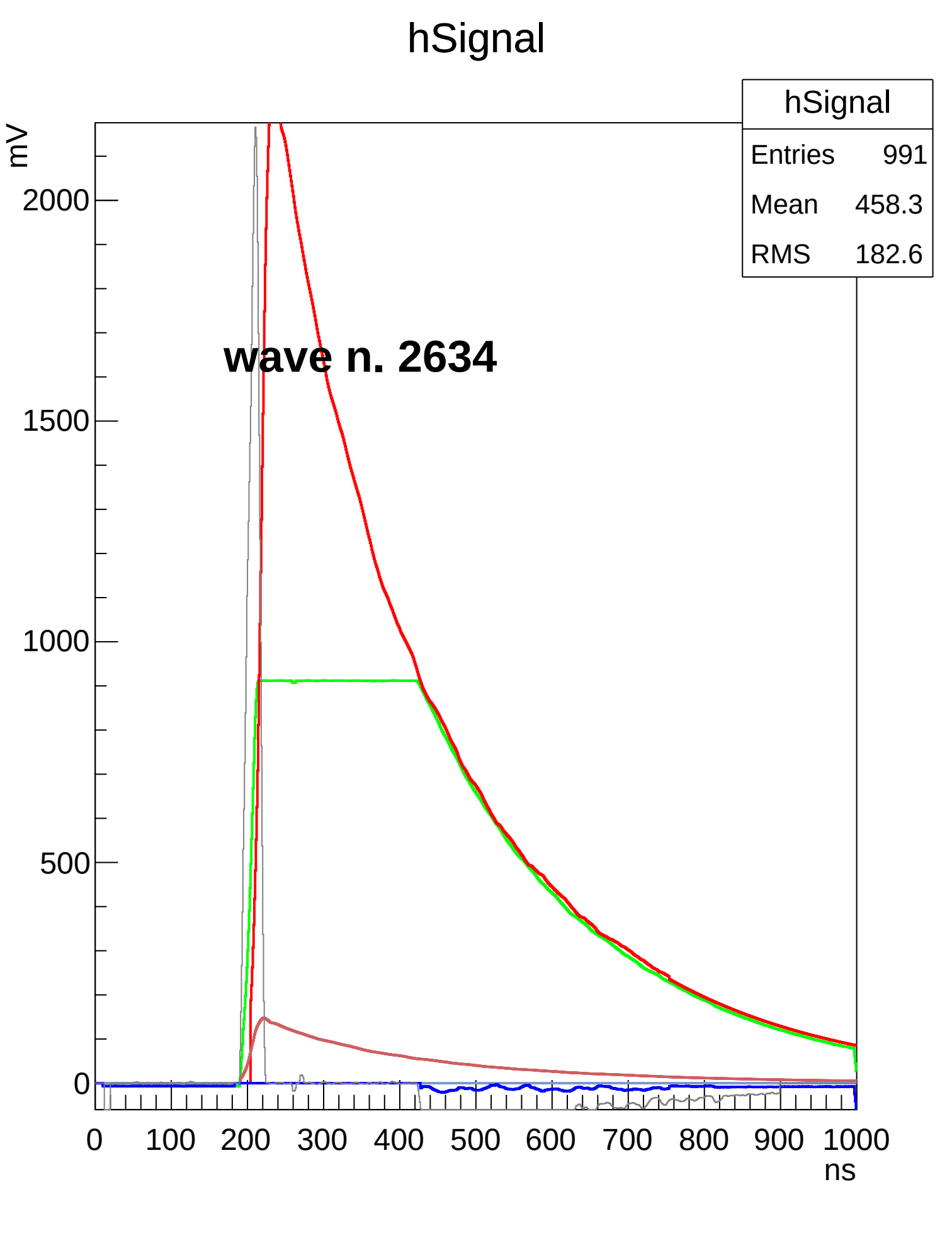
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hSignal
Entries 991
Mean 458.3
RMS 182.6
wave n. 2634
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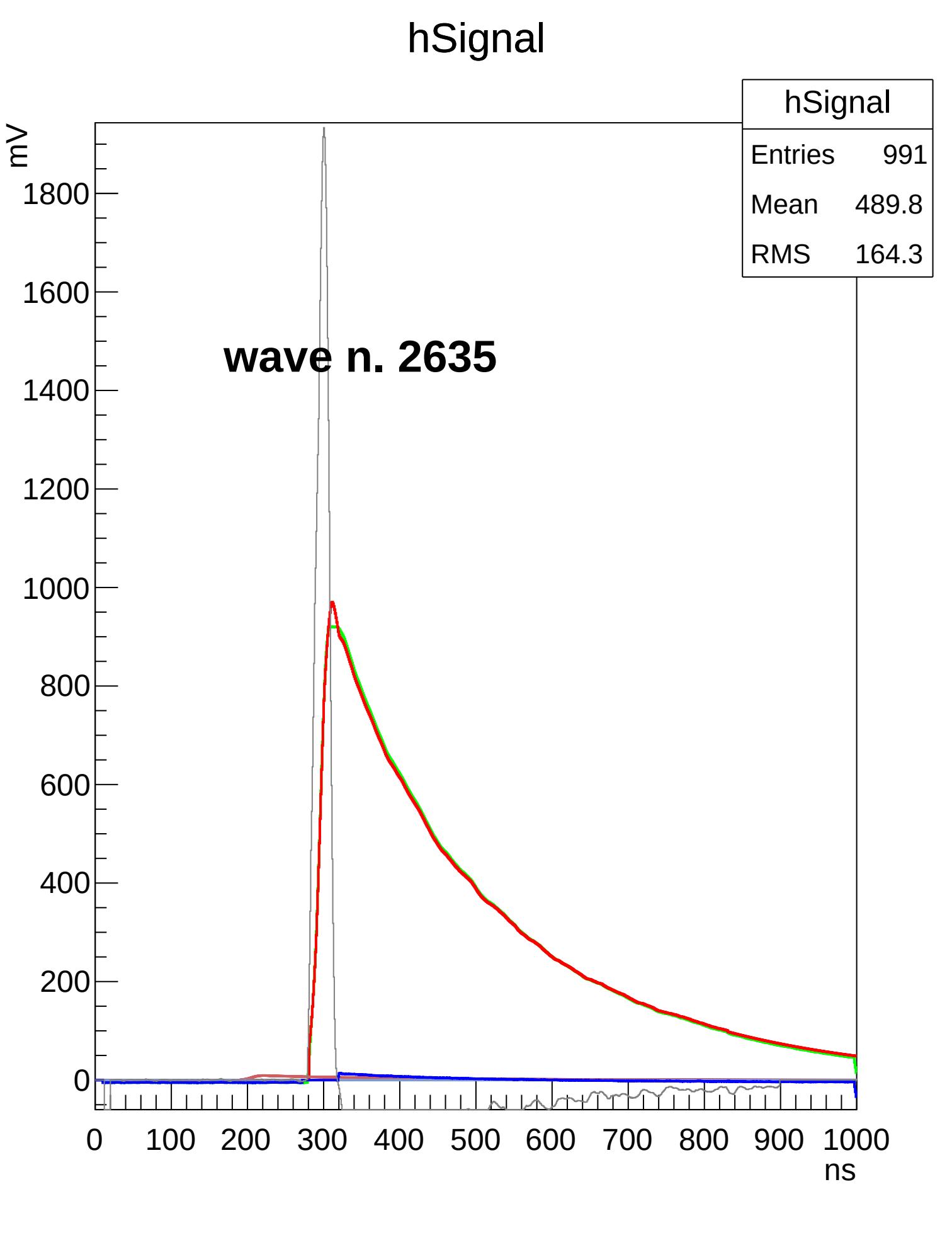
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Entries 991
Mean 489.8
RMS 164.3
wave n. 2635
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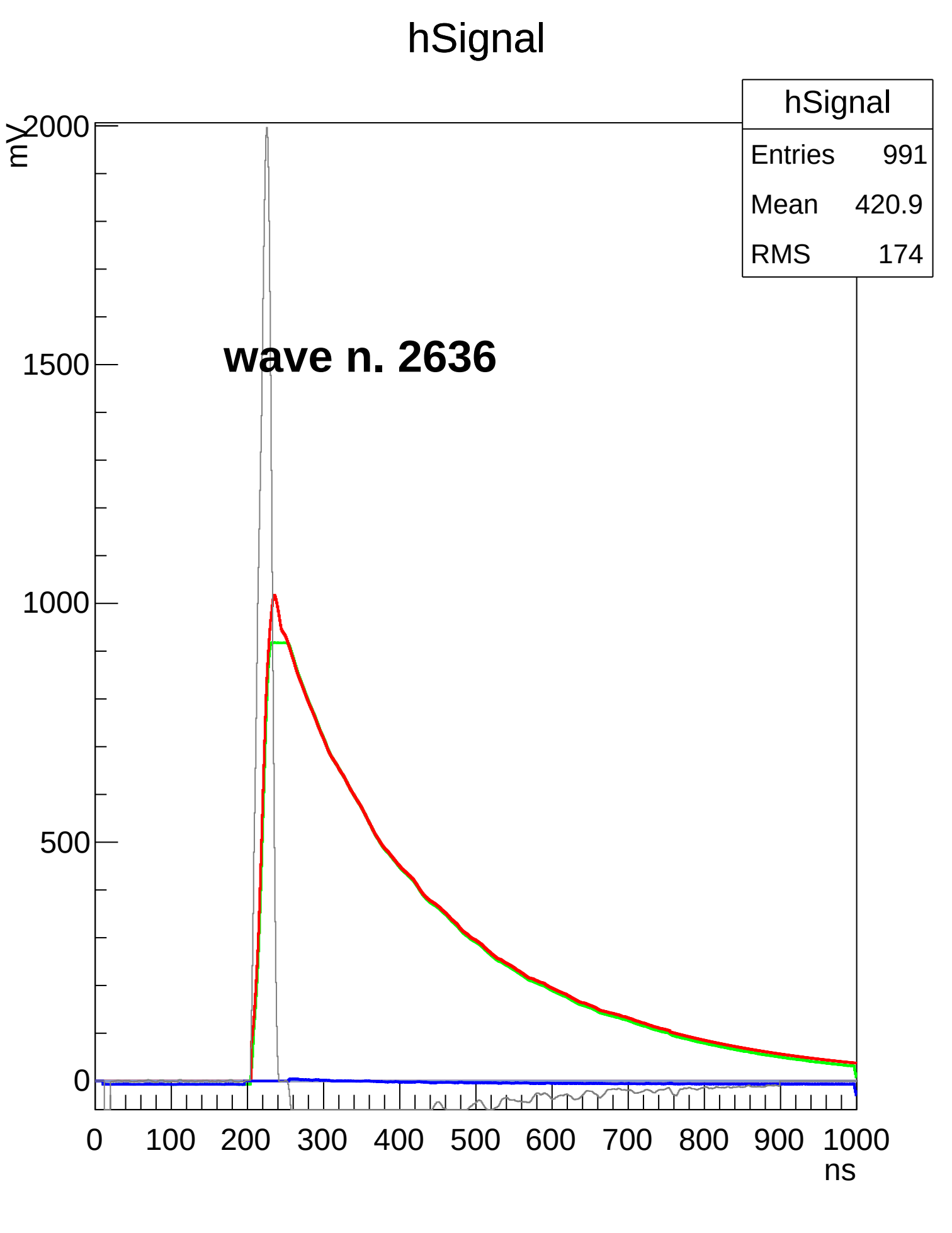
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hSignal
Entries 991
Mean 420.9
RMS 174
wave n. 2636
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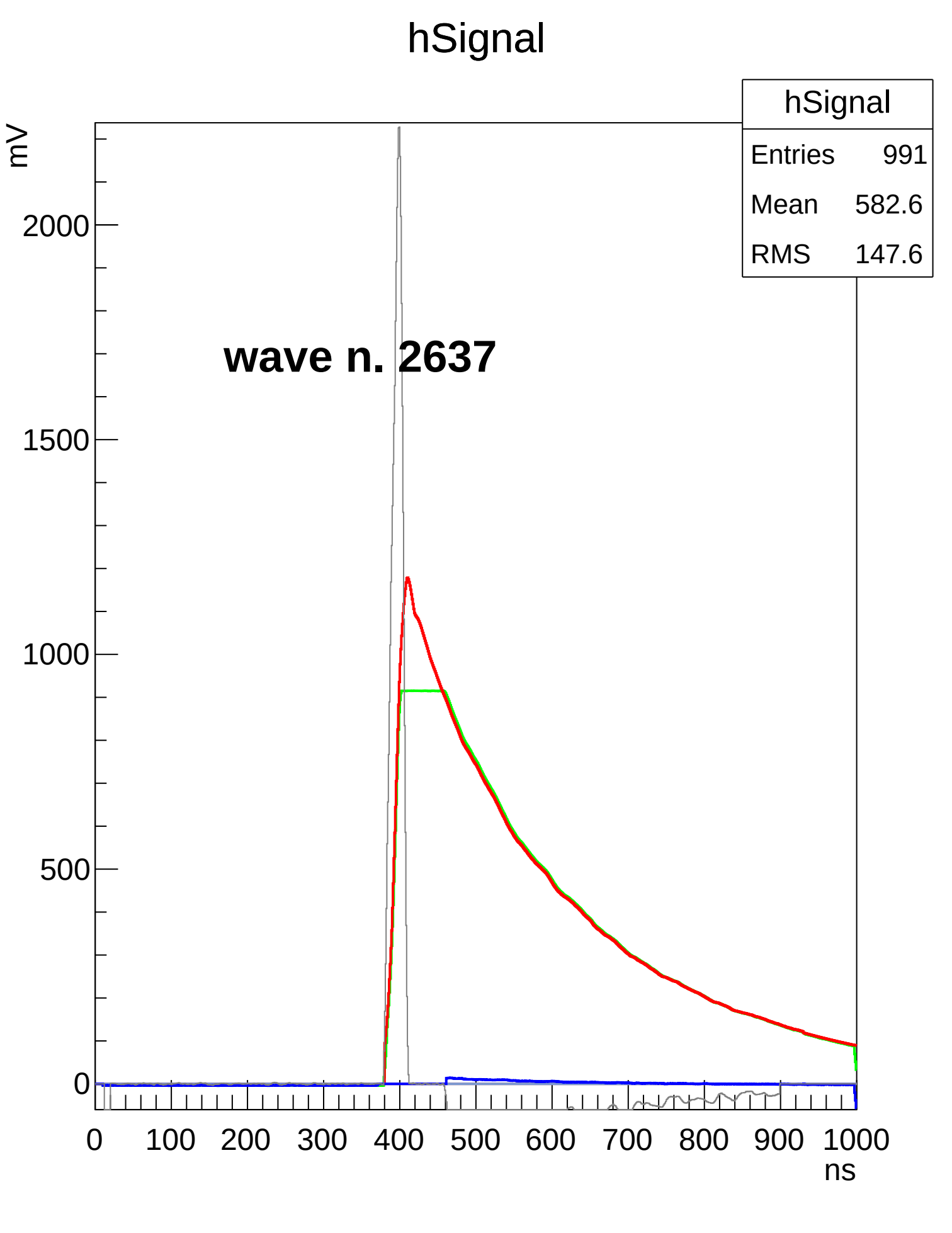
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hSignal
Entries 991
Mean 582.6
RMS 147.6
wave n. 2637
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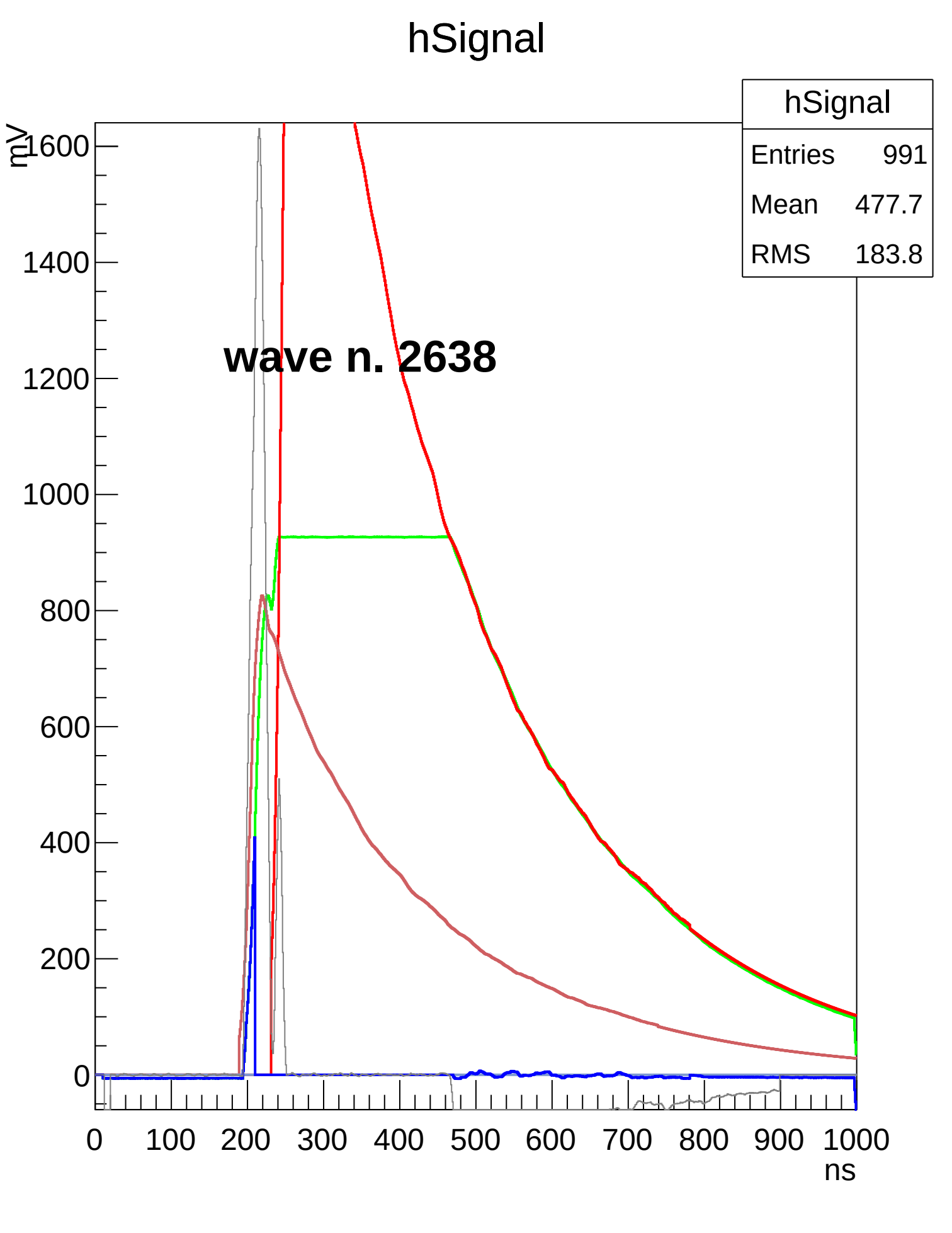
hSignal
hSignal
Entries 991
Mean 477.7
RMS 183.8
wave n. 2638
mV
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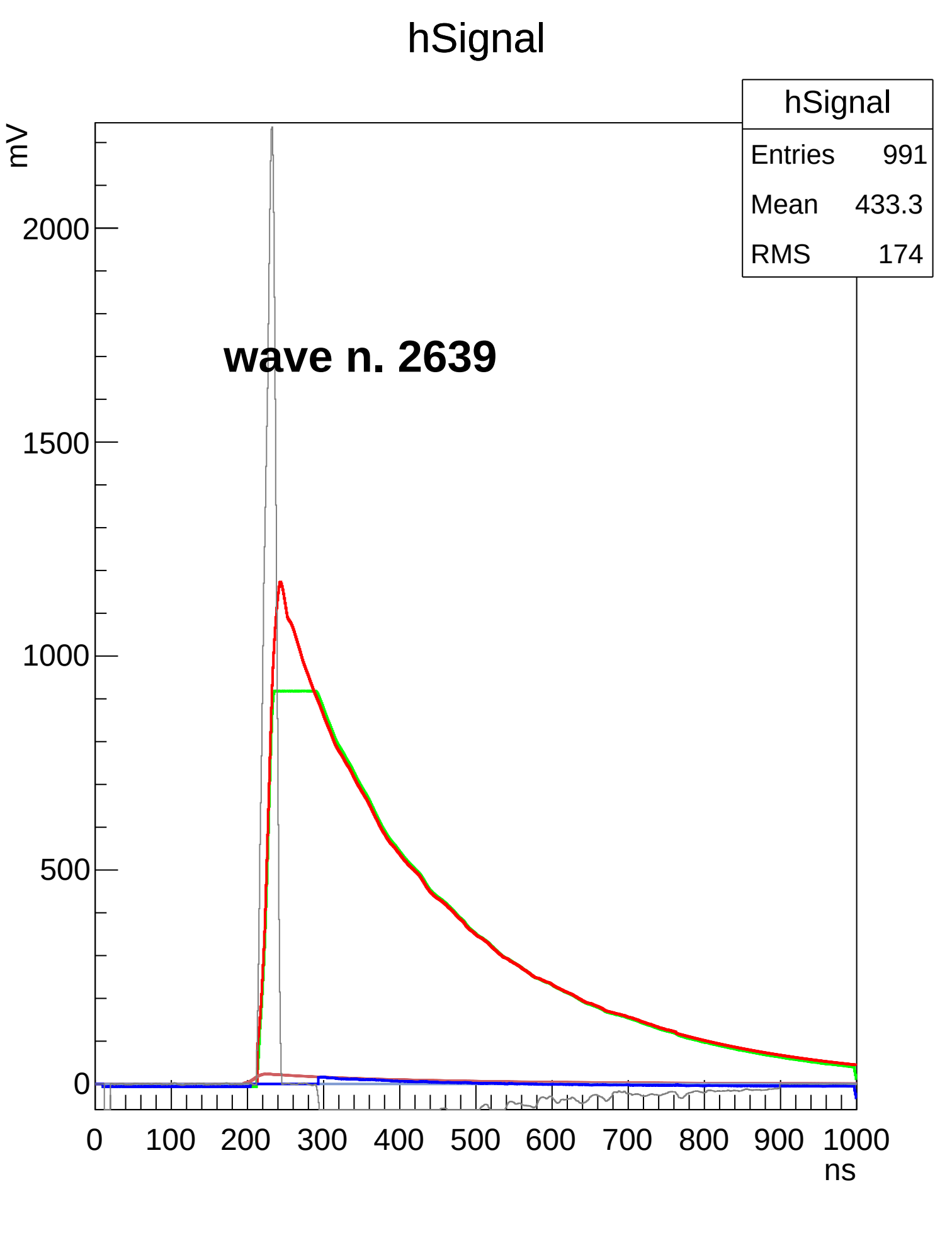
hSignal
hSignal
Entries 991
Mean 433.3
RMS 174
wave n. 2639
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900
1000
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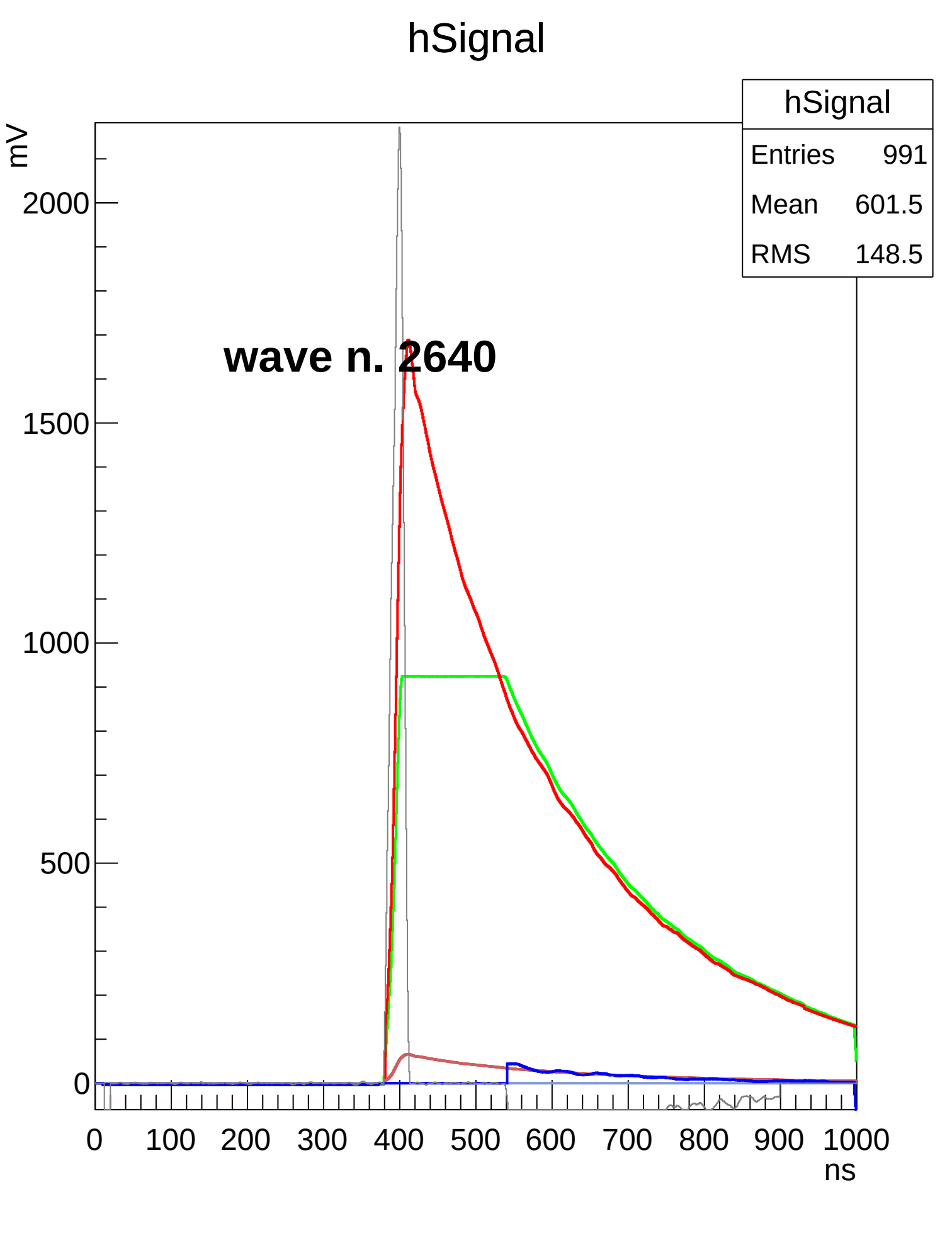
hSignal
hSignal
Entries 991
Mean 601.5
RMS 148.5
wave n. 2640
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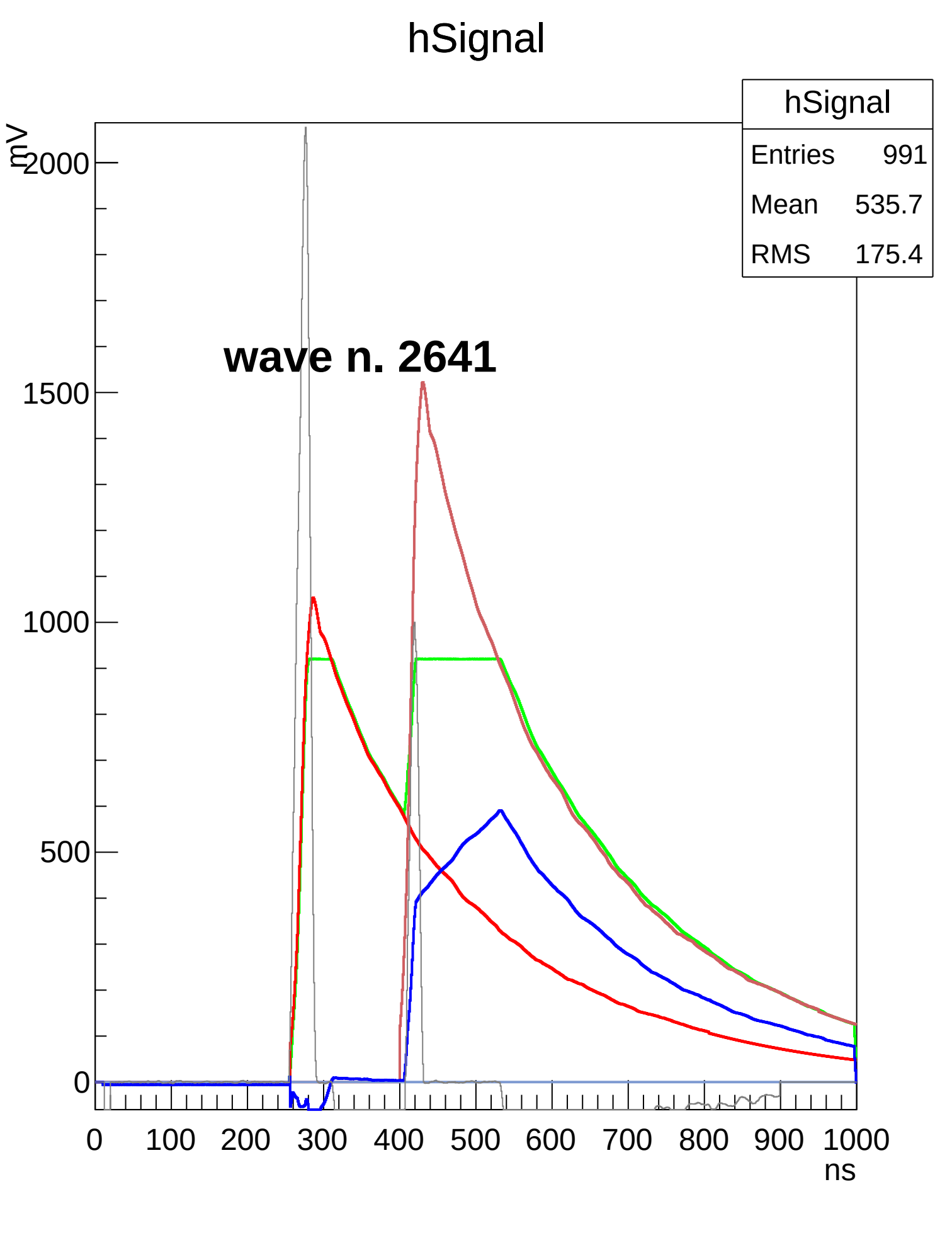
hSignal
hSignal
Entries 991
Mean 535.7
RMS 175.4
wave n. 2641
mV
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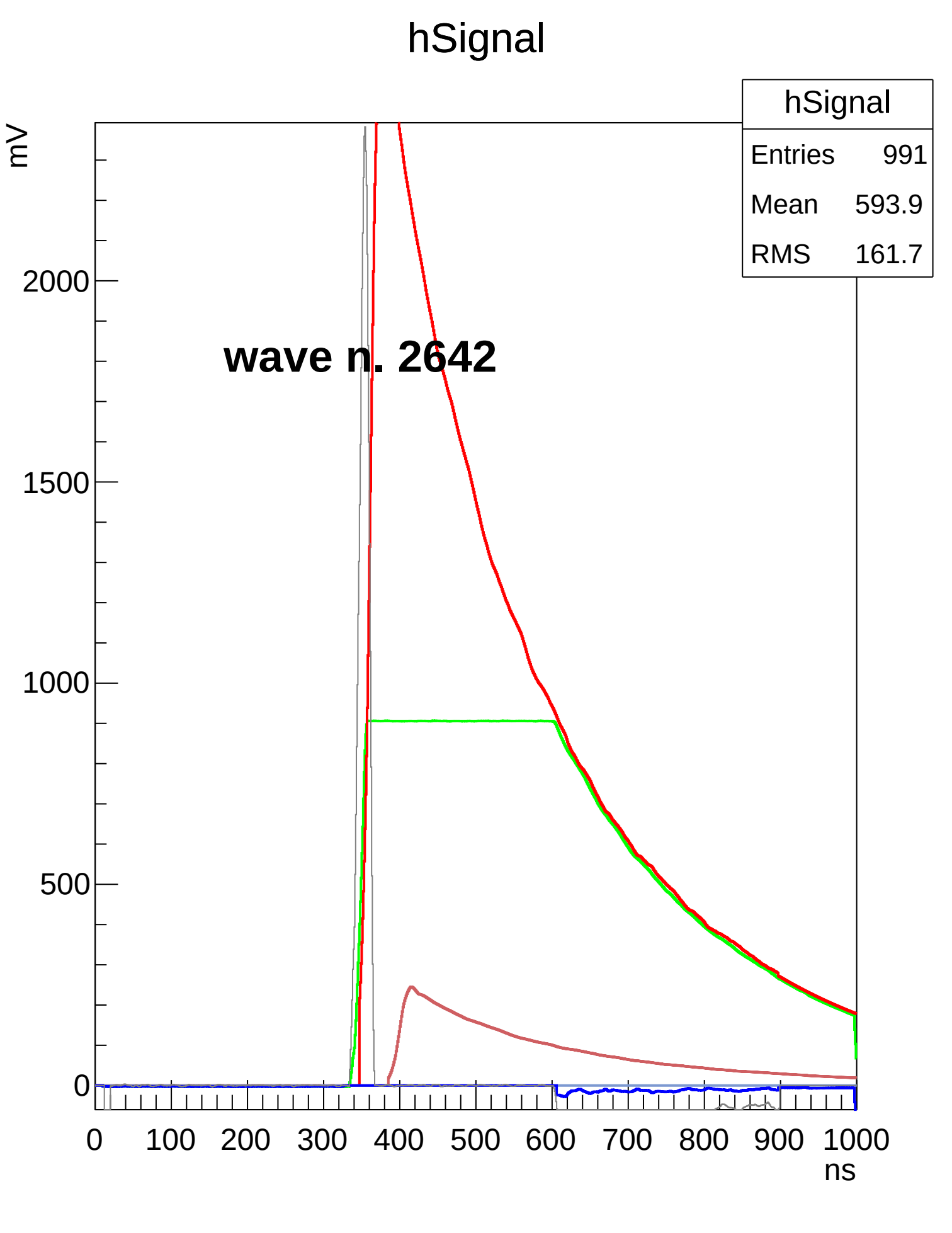
hSignal
hSignal
Entries 991
Mean 593.9
RMS 161.7
wave n. 2642
mV
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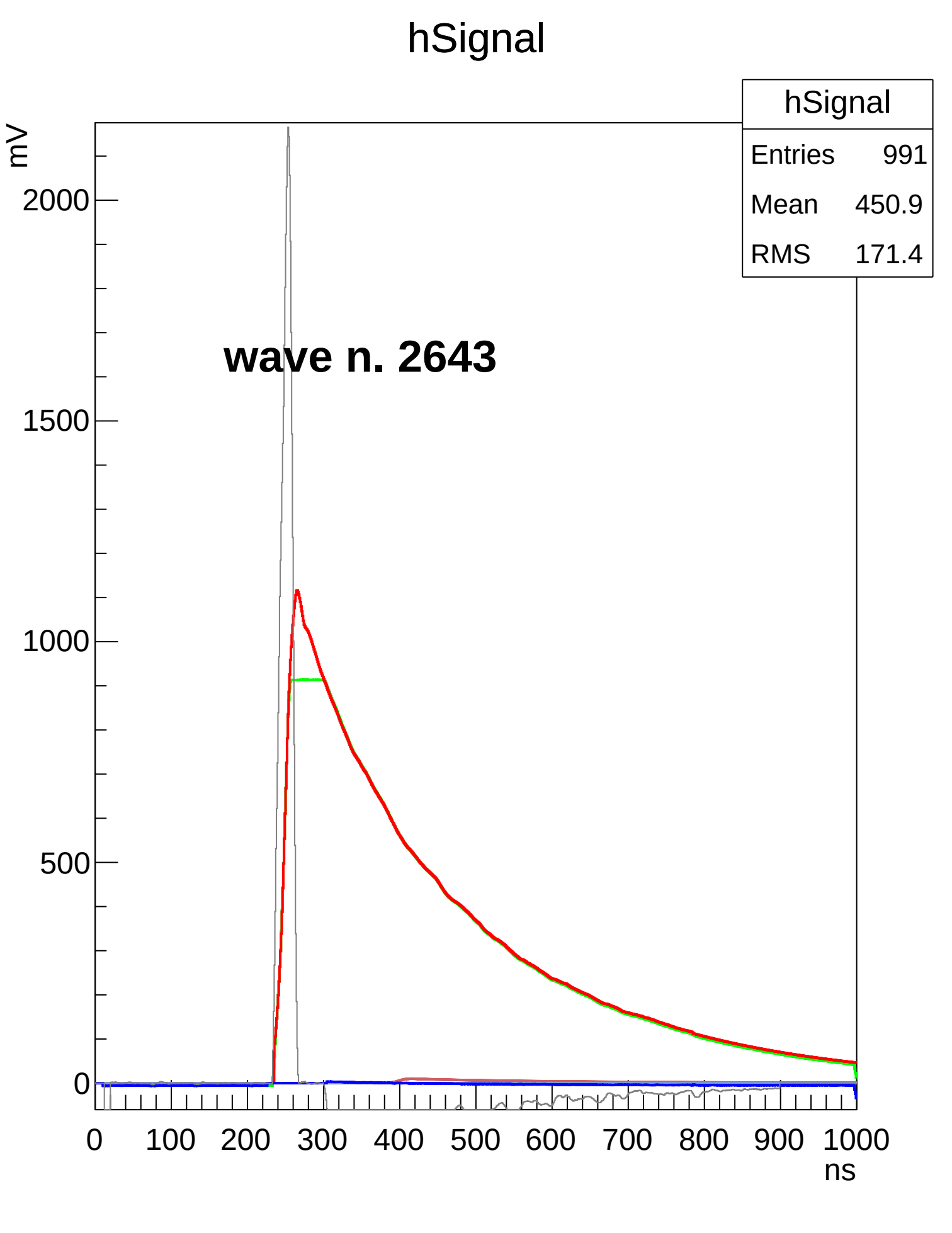
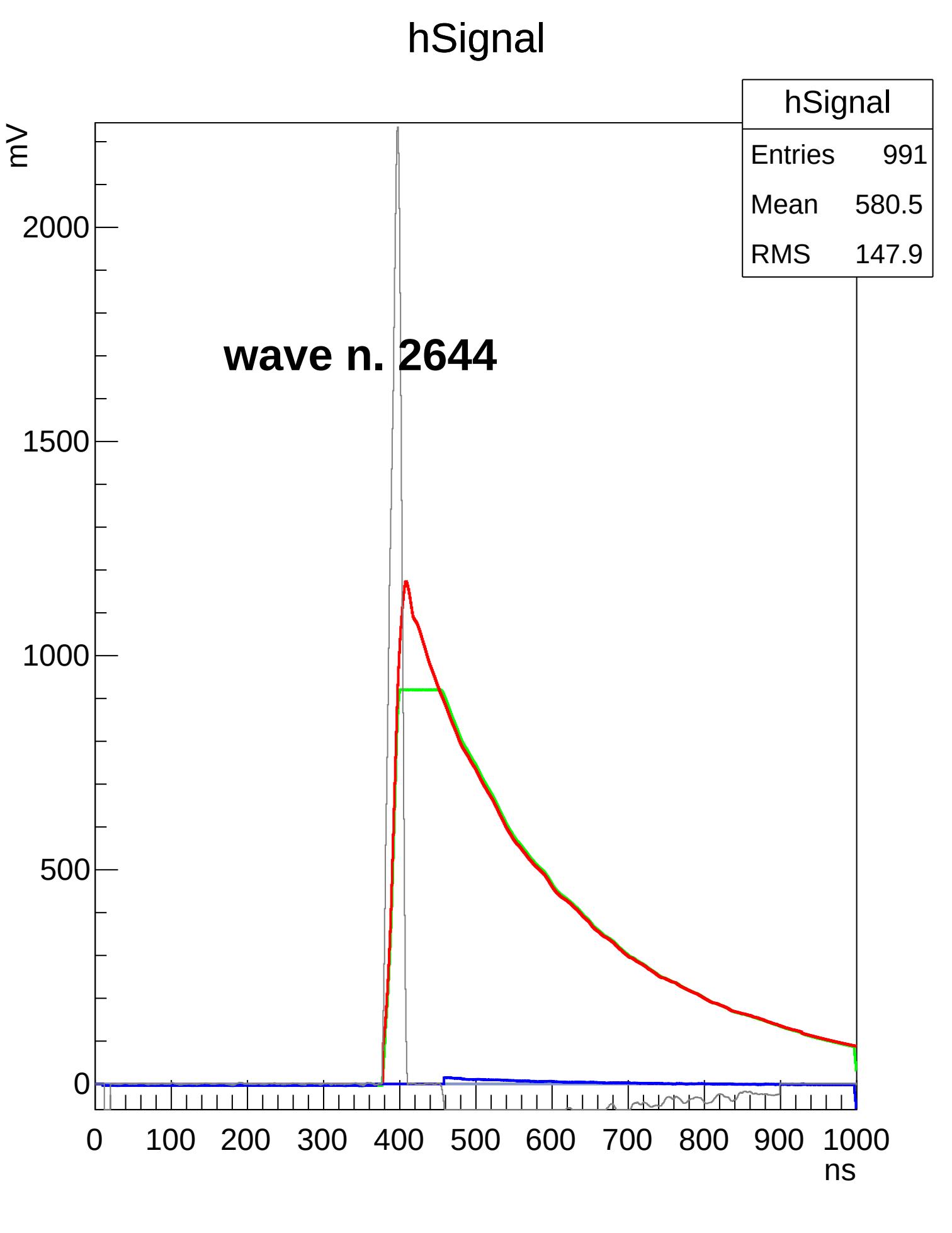
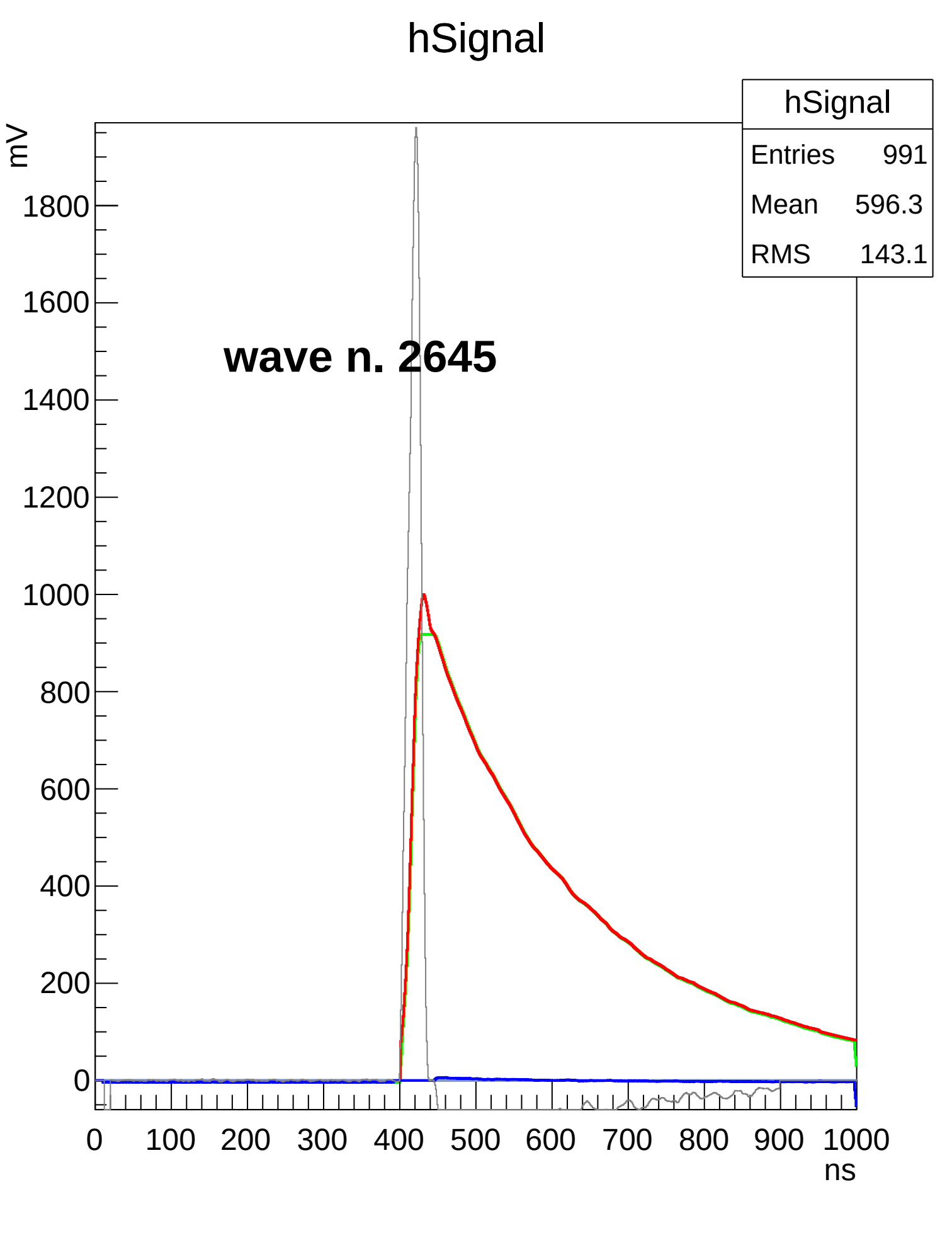
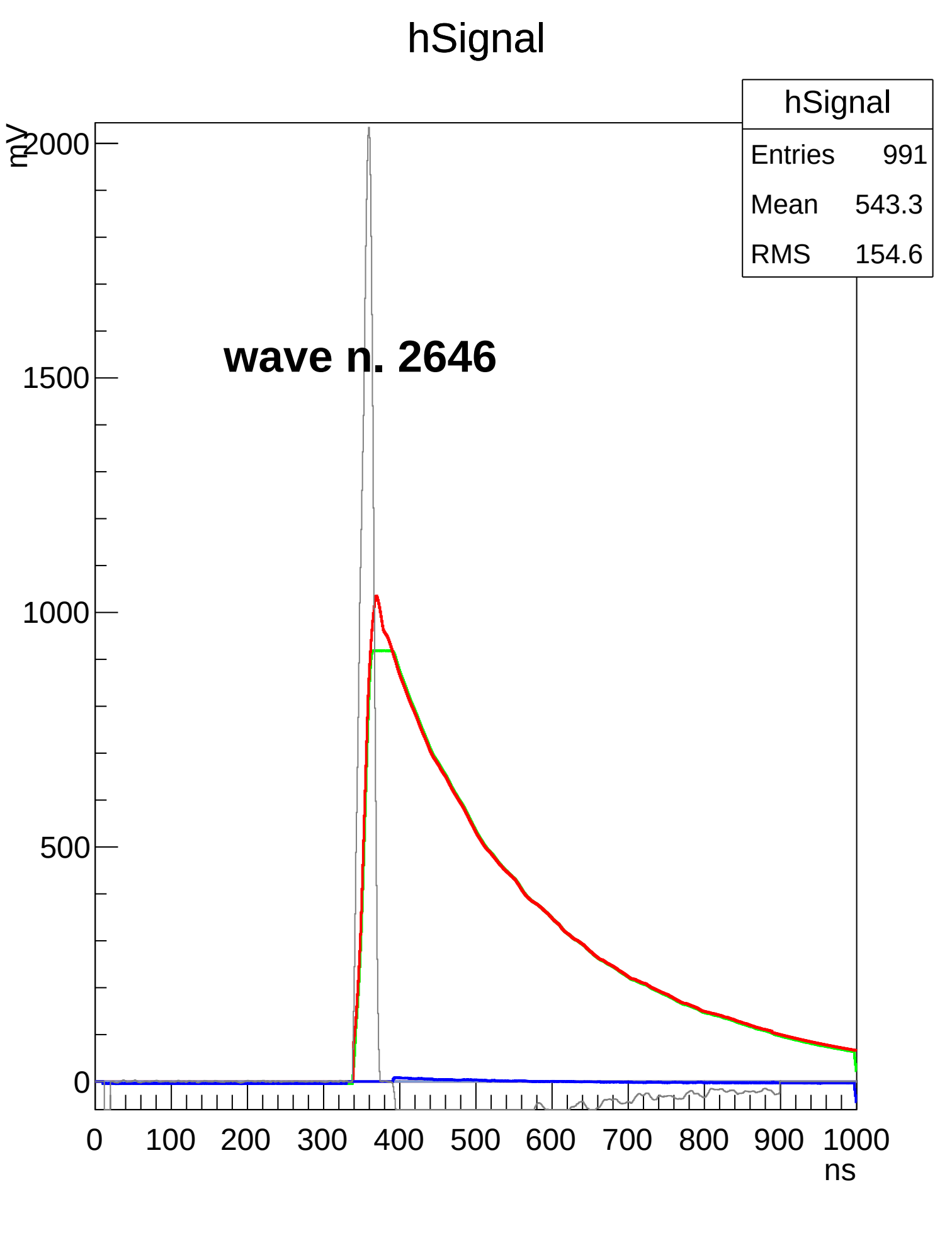
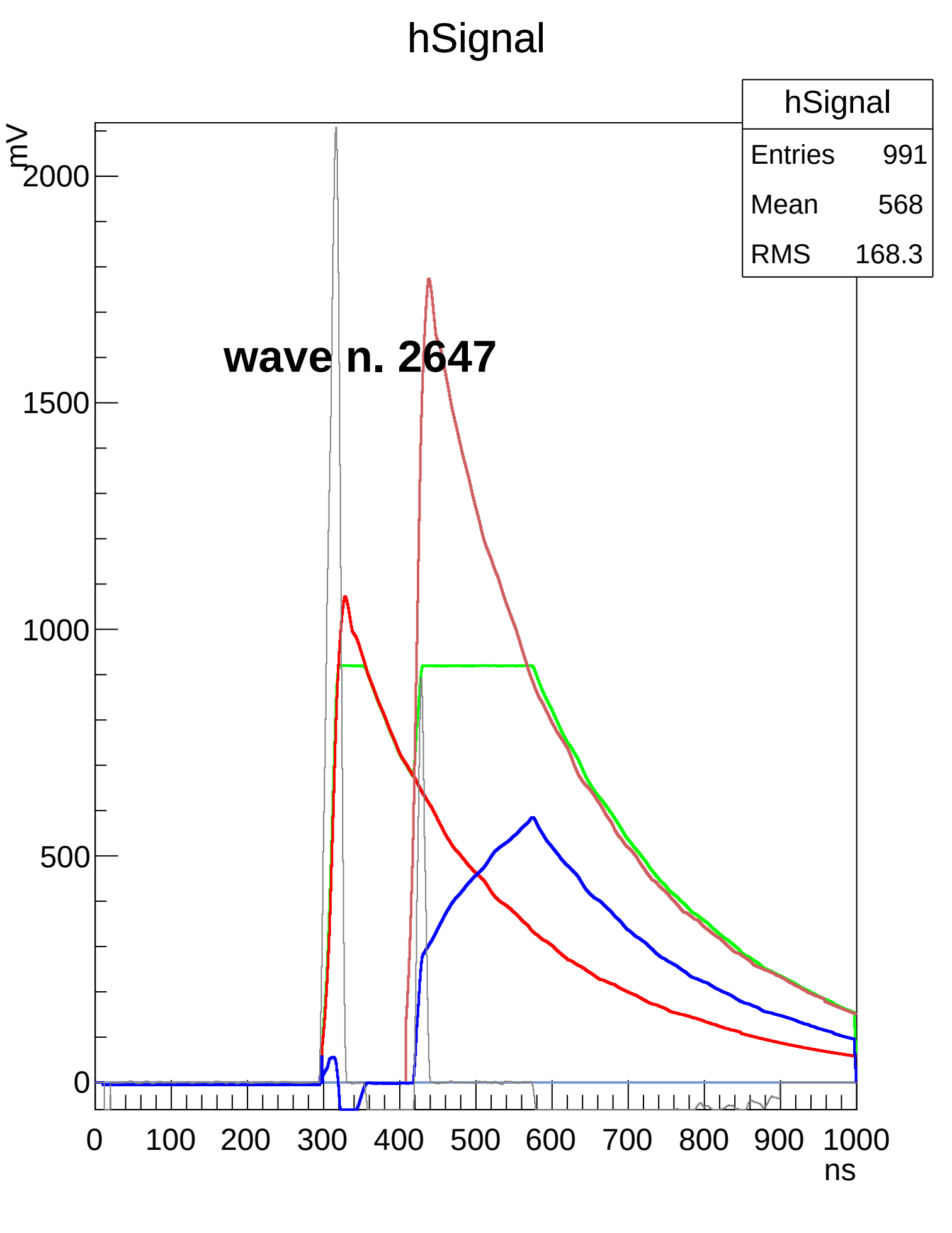
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 450.9
RMS 171.4
wave n. 2643
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580.5
RMS 147.9
wave n. 2644
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 596.3
RMS 143.1
wave n. 2645
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 543.3
RMS 154.6
wave n. 2646
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 568
RMS 168.3
wave n. 2647
mV
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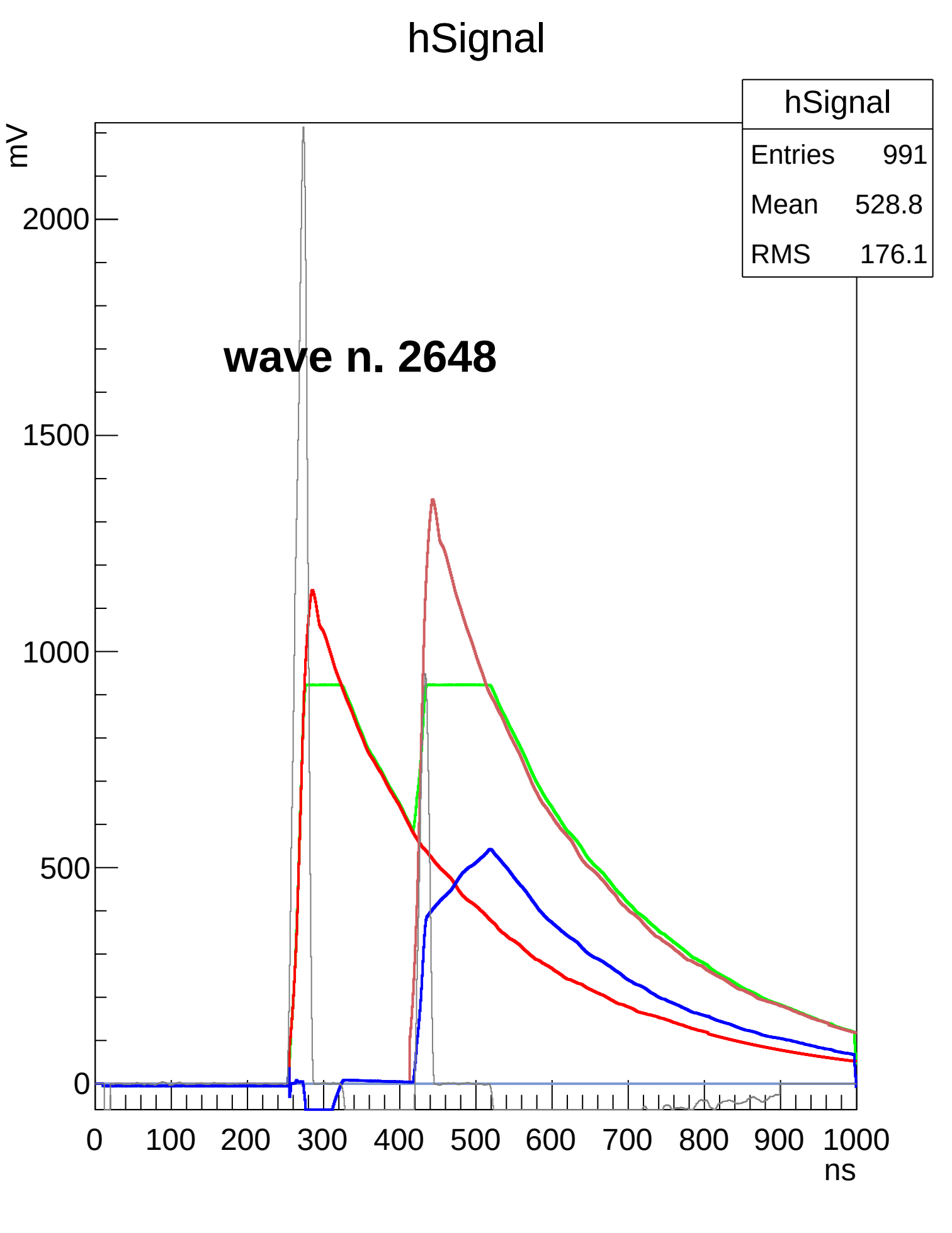
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 528.8
RMS 176.1
wave n. 2648
mV
2000
1500
1000
500
0
0
100
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400
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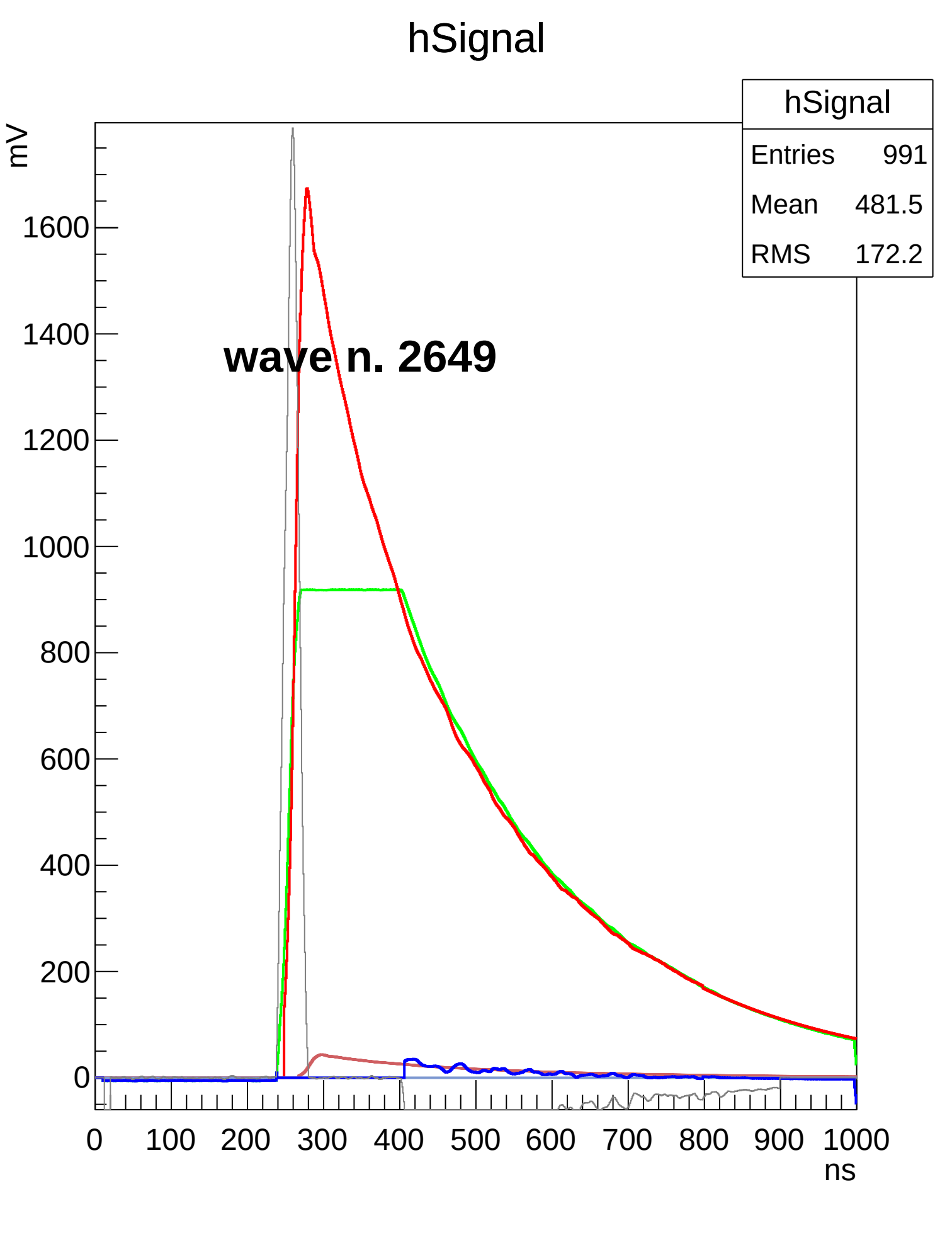
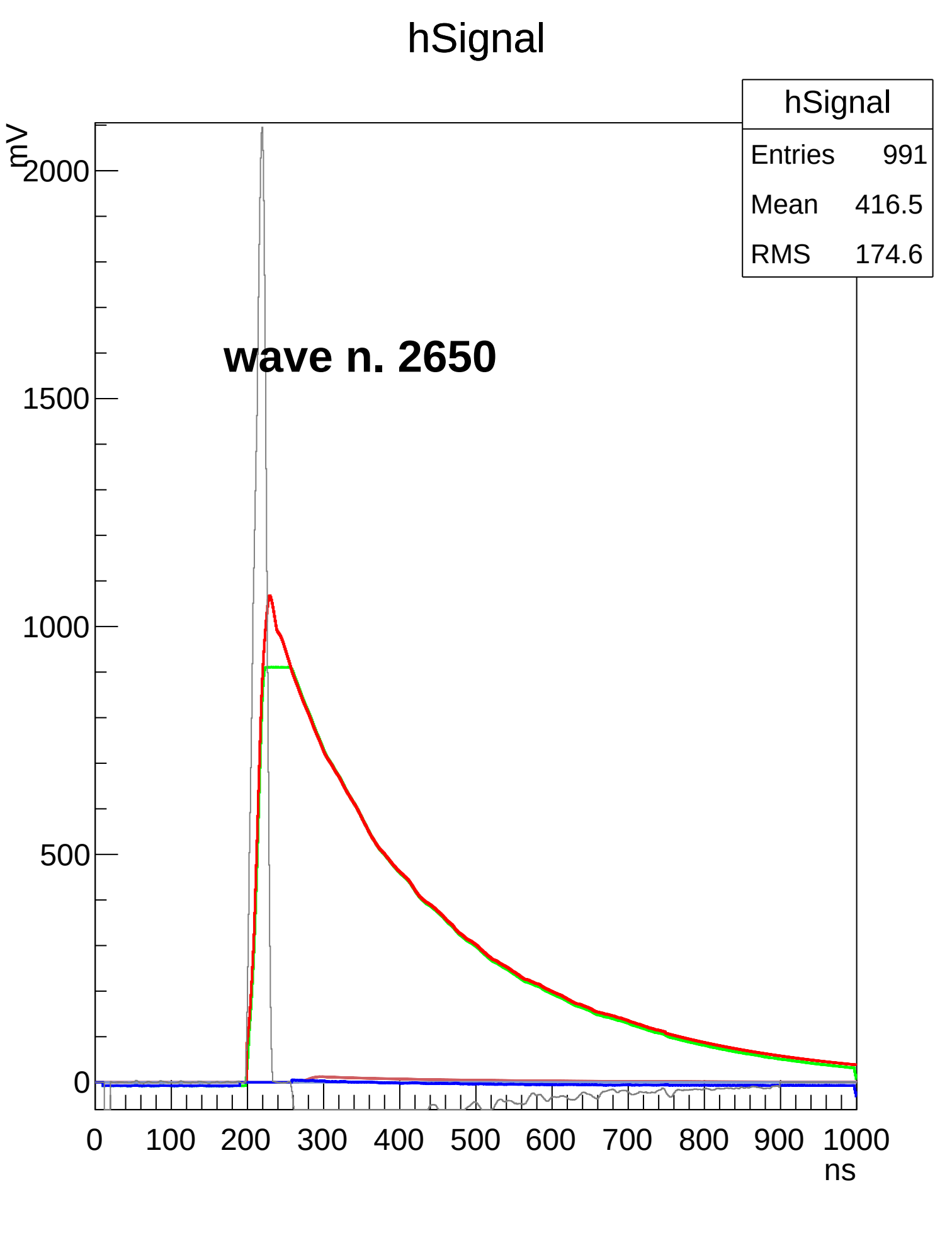
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481.5
RMS 172.2
wave n. 2649
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 416.5
RMS 174.6
wave n. 2650
mV
2000
1500
1000
500
0
0
100
200
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400
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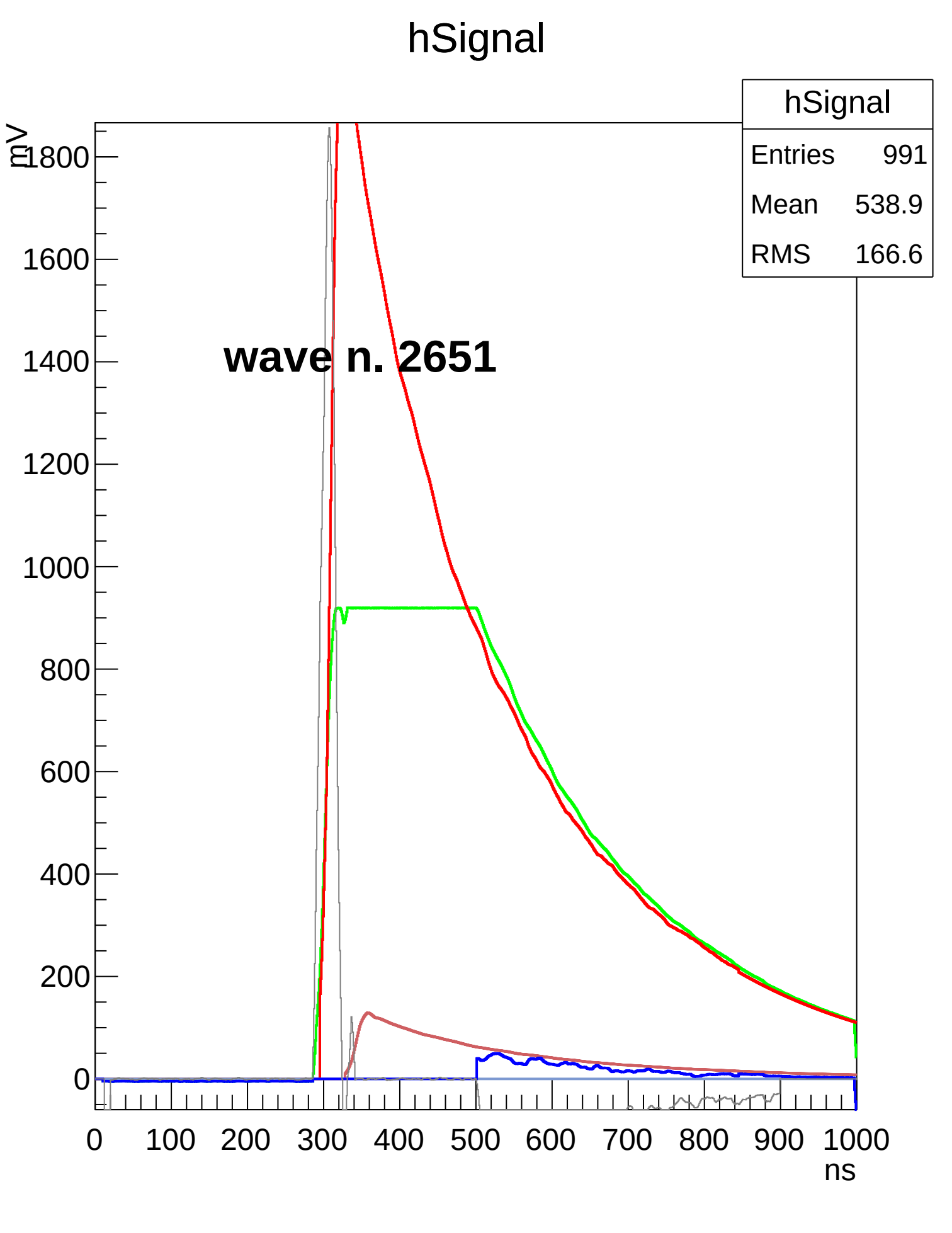
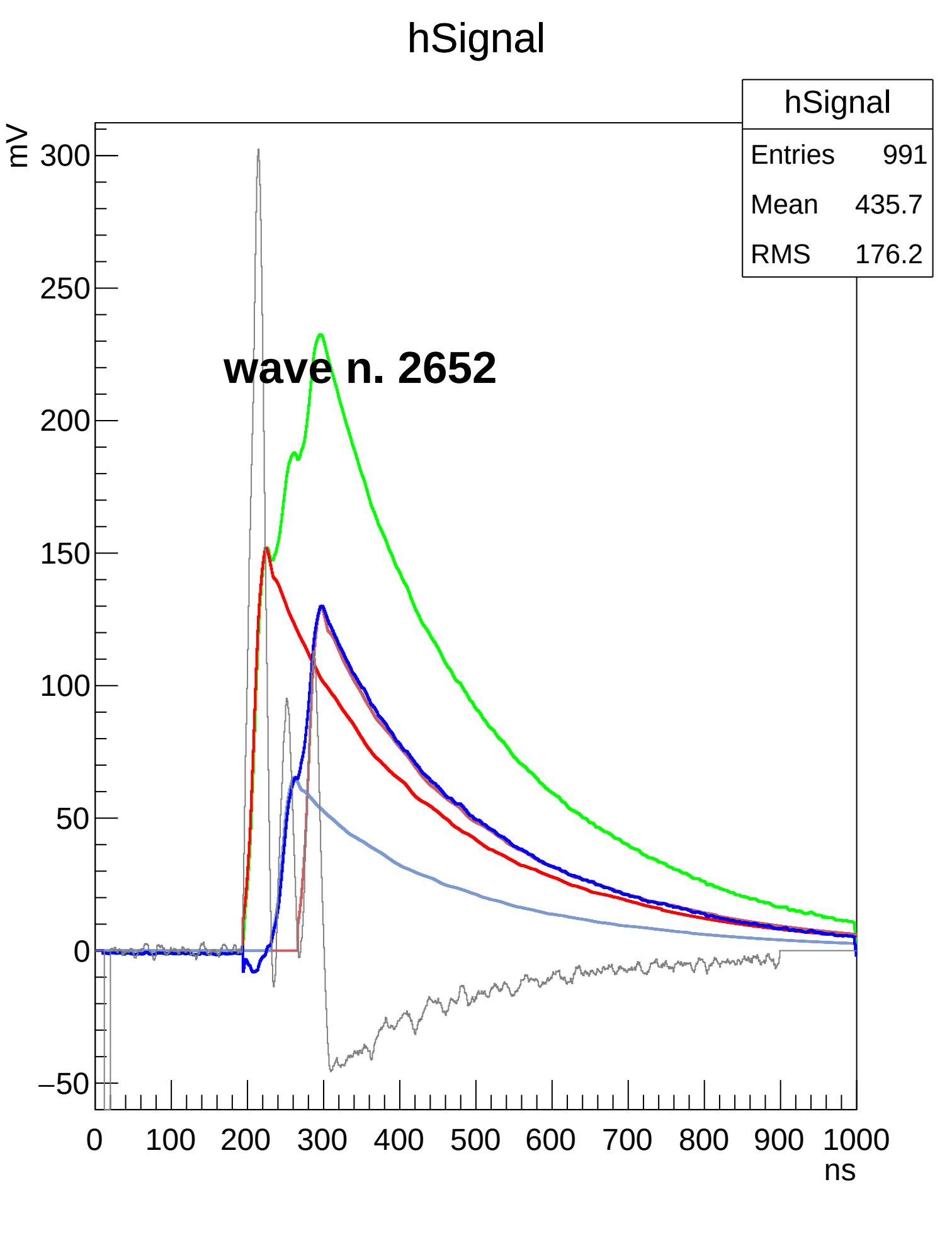
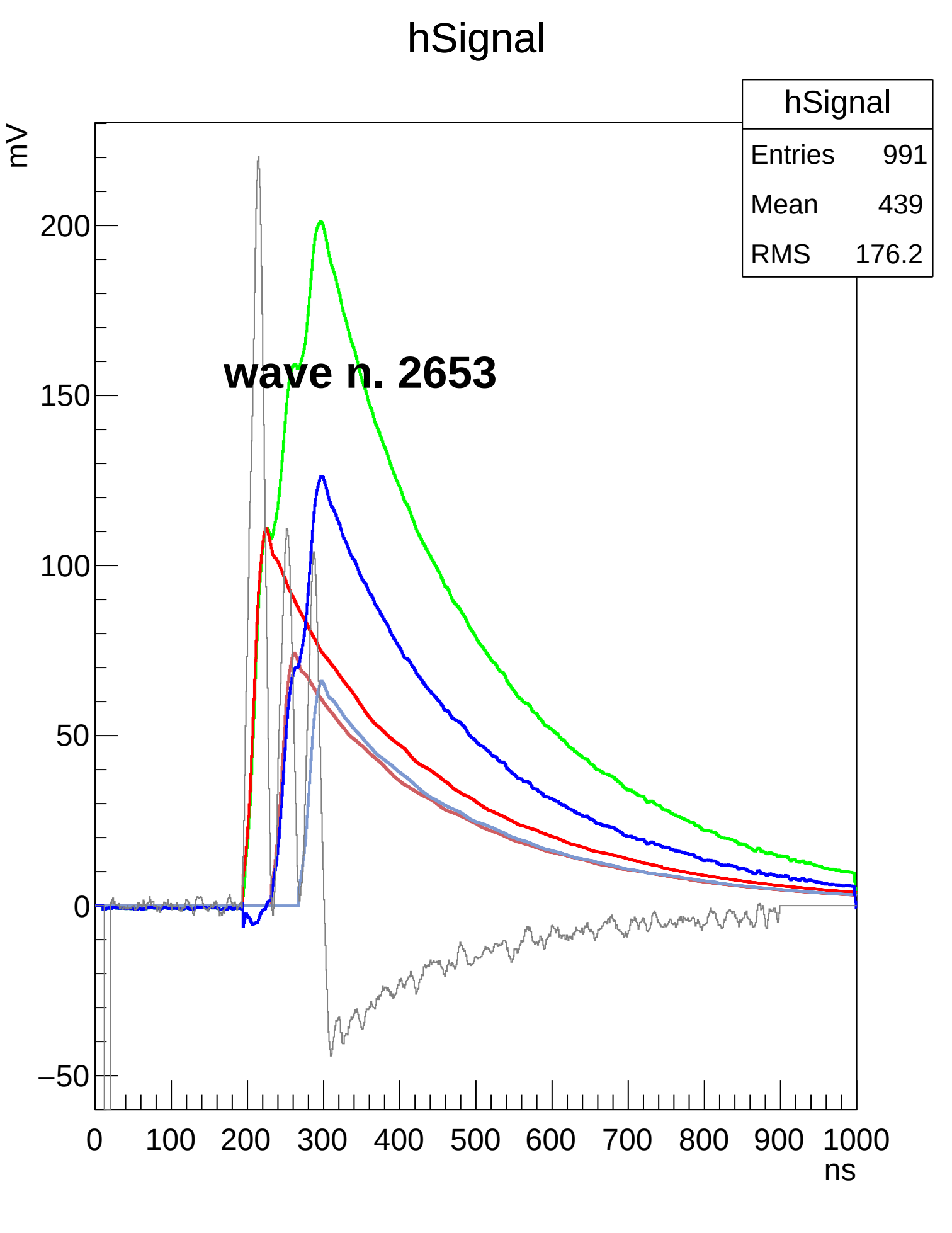
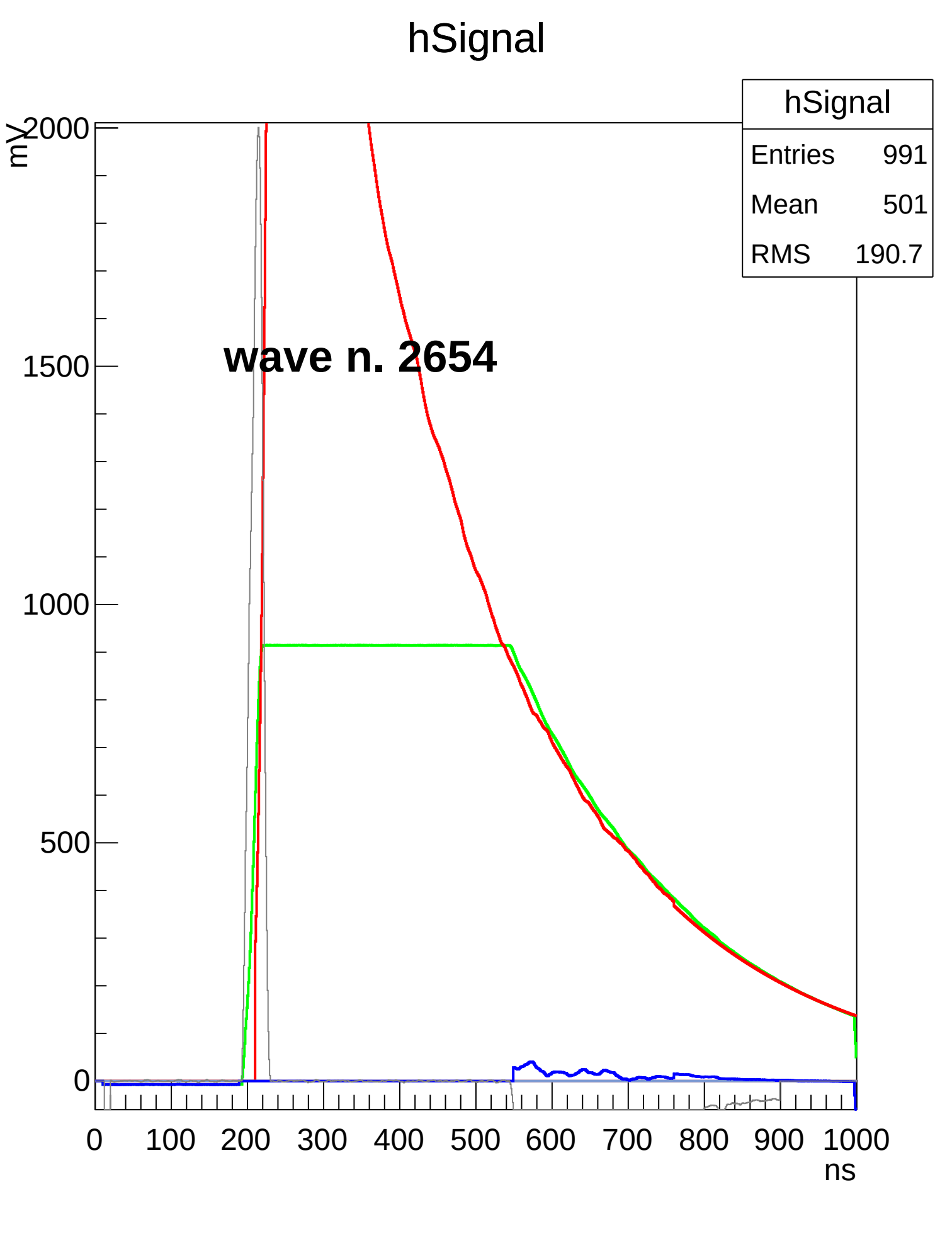
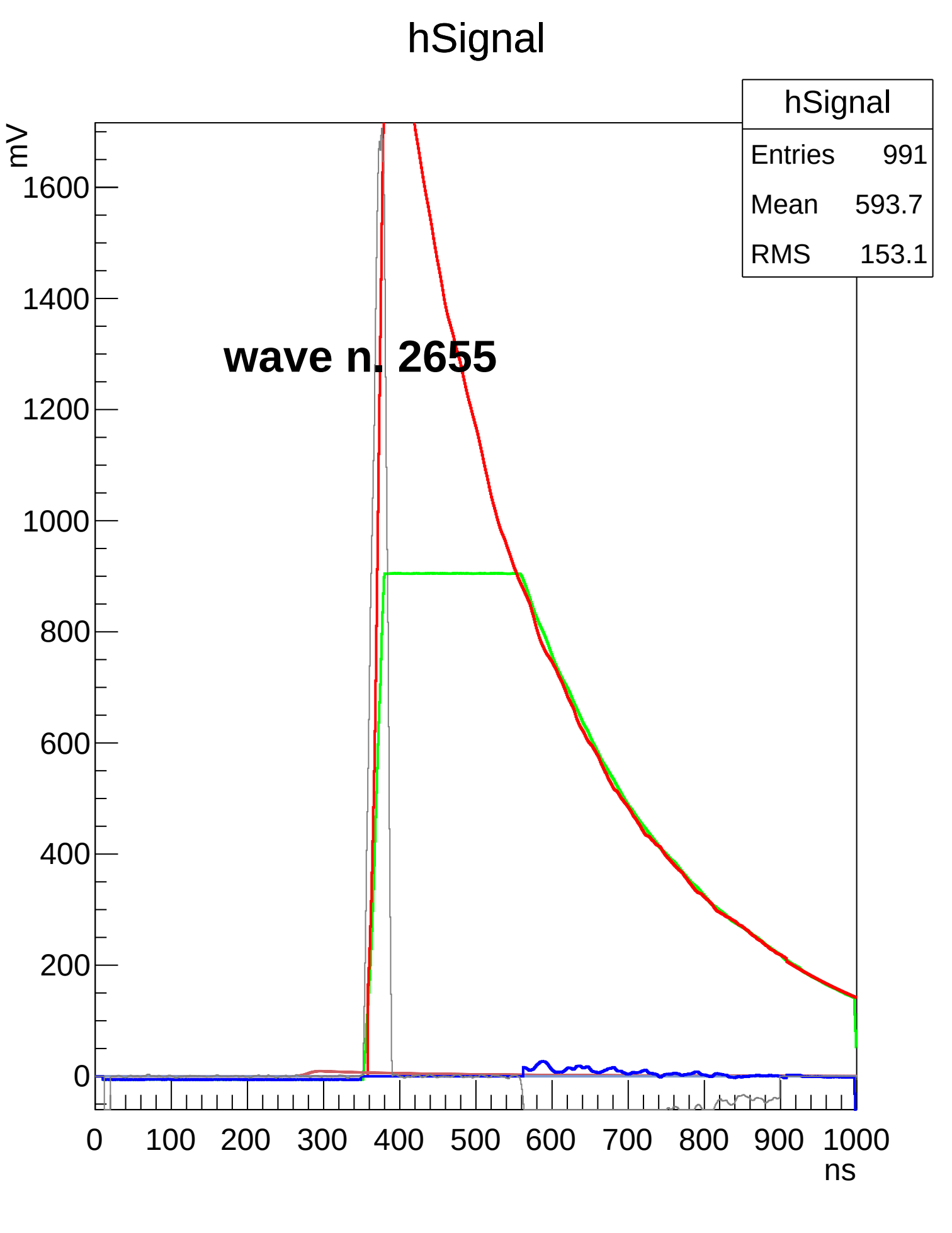
700
800
900
1000
ns

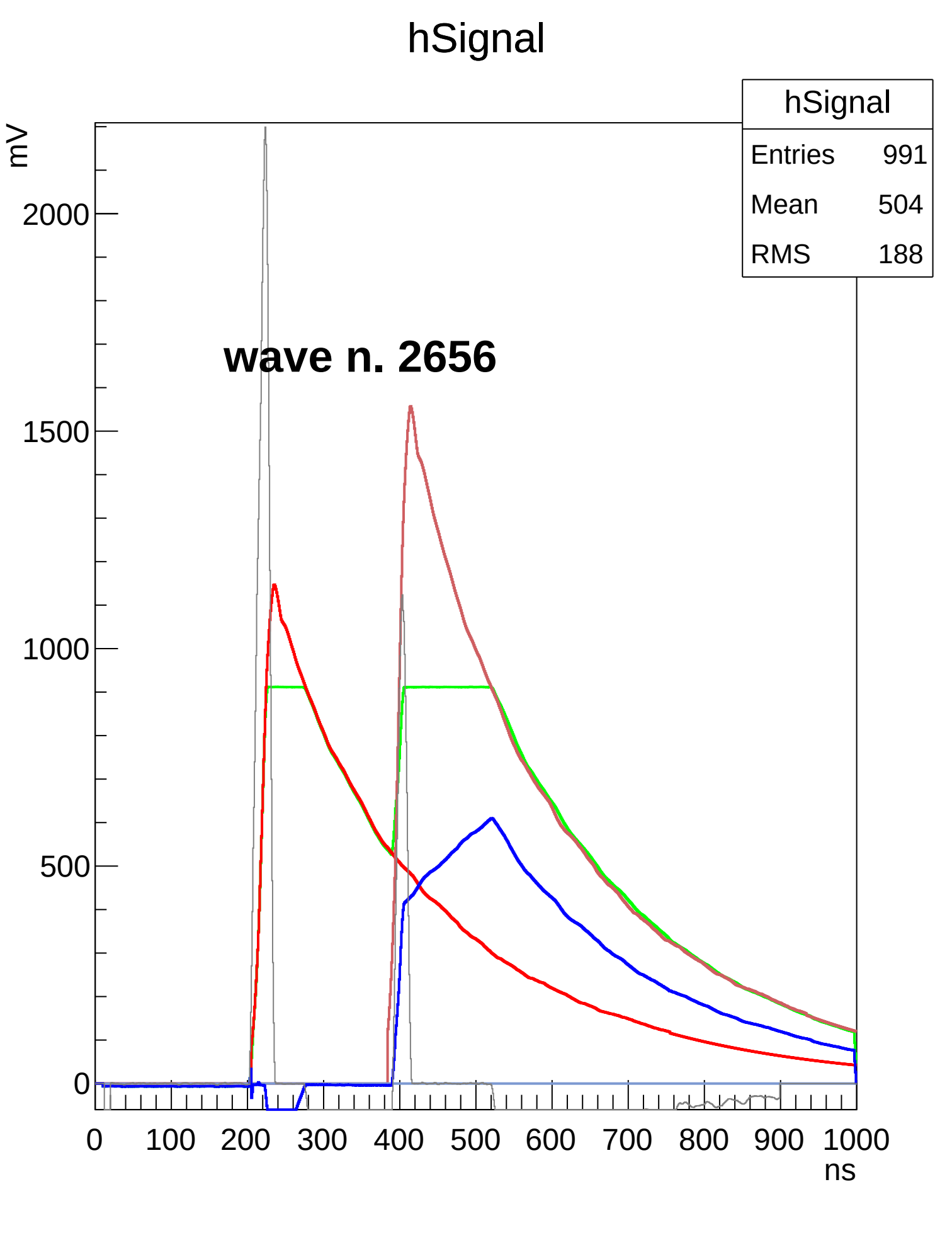

hSignal
hSignal
Entries 991
Mean 538.9
RMS 166.6
wave n. 2651
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

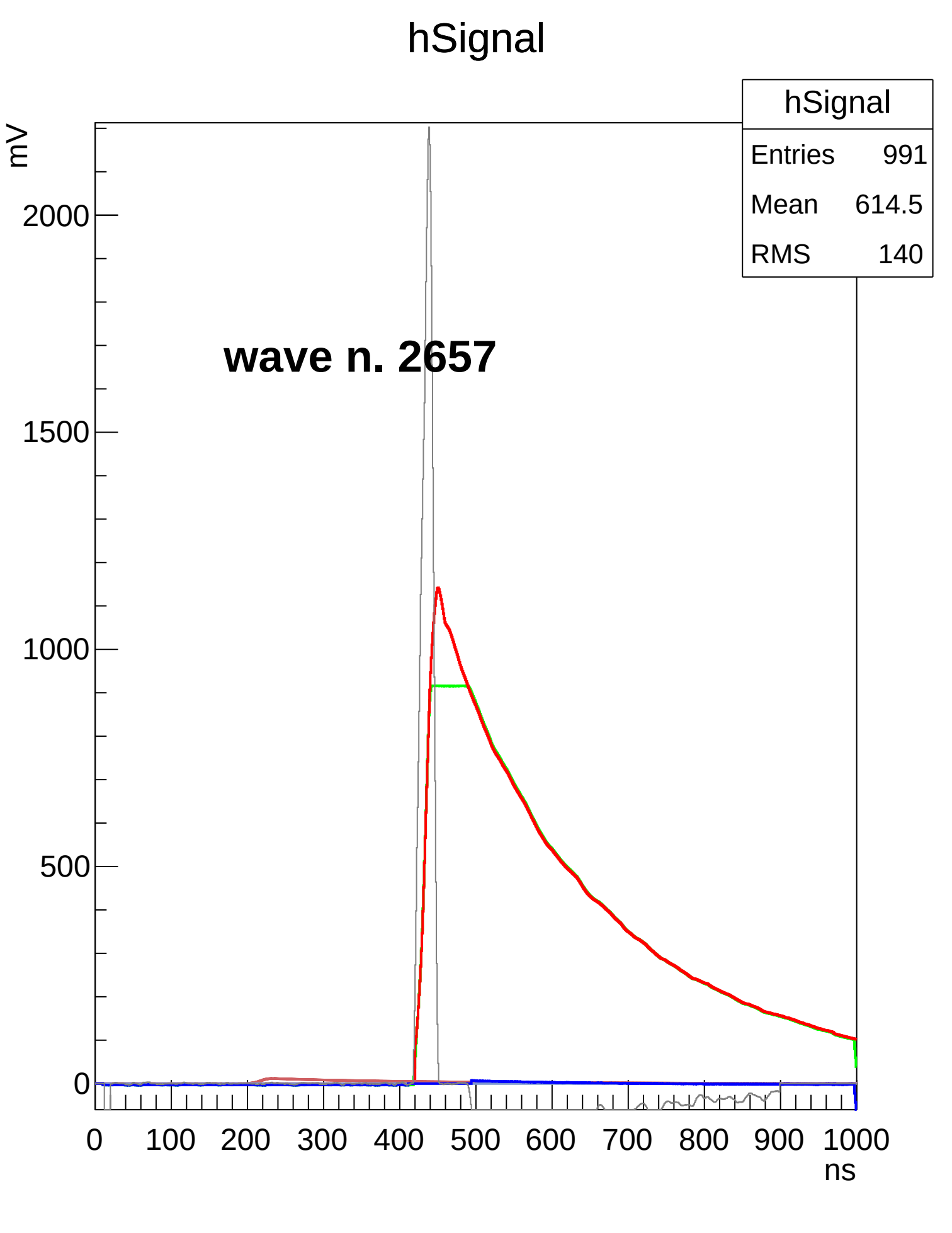

hSignal
hSignal
Entries 991
Mean 435.7
RMS 176.2
wave n. 2652
mV
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

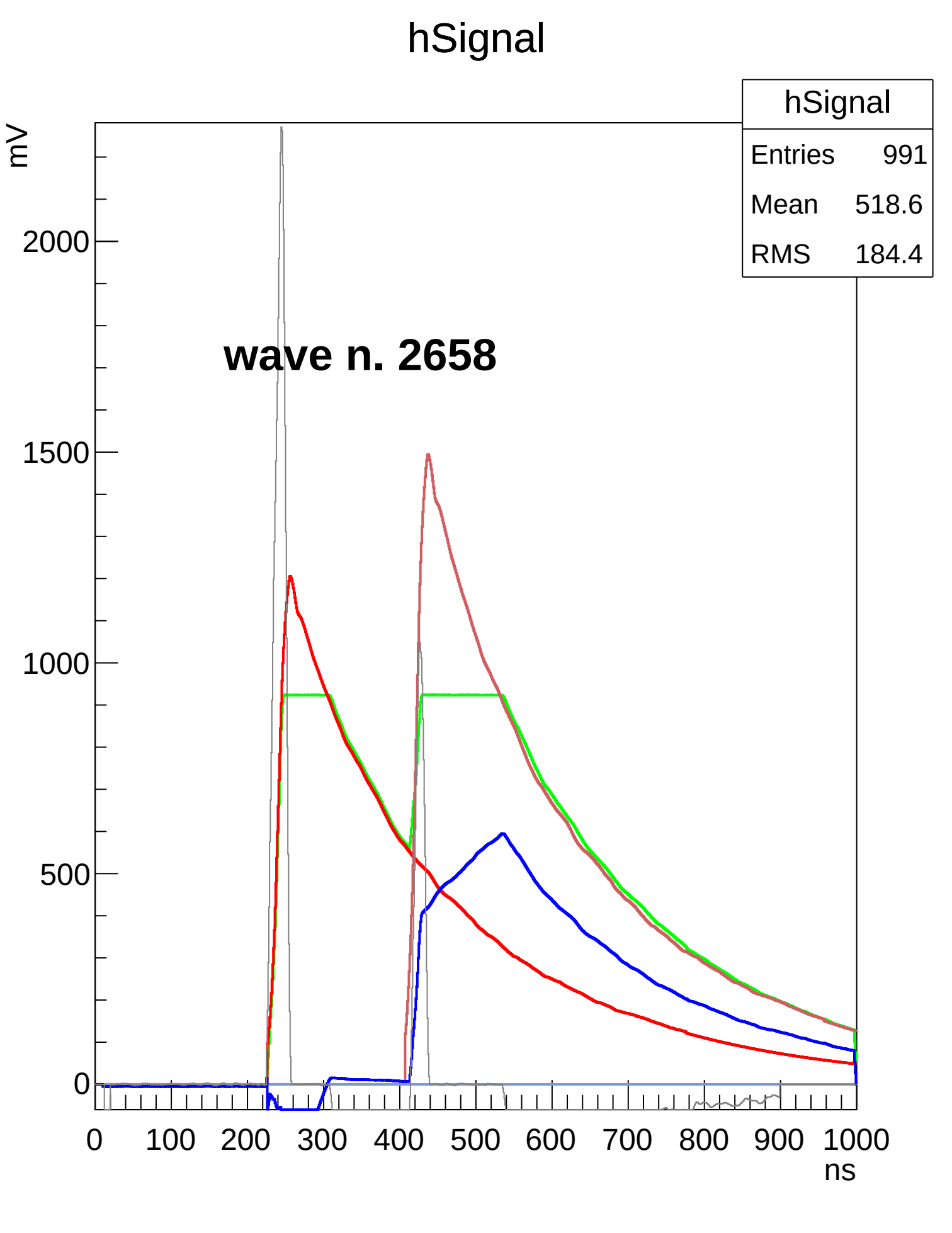

hSignal
hSignal
Entries 991
Mean 439
RMS 176.2
wave n. 2653
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

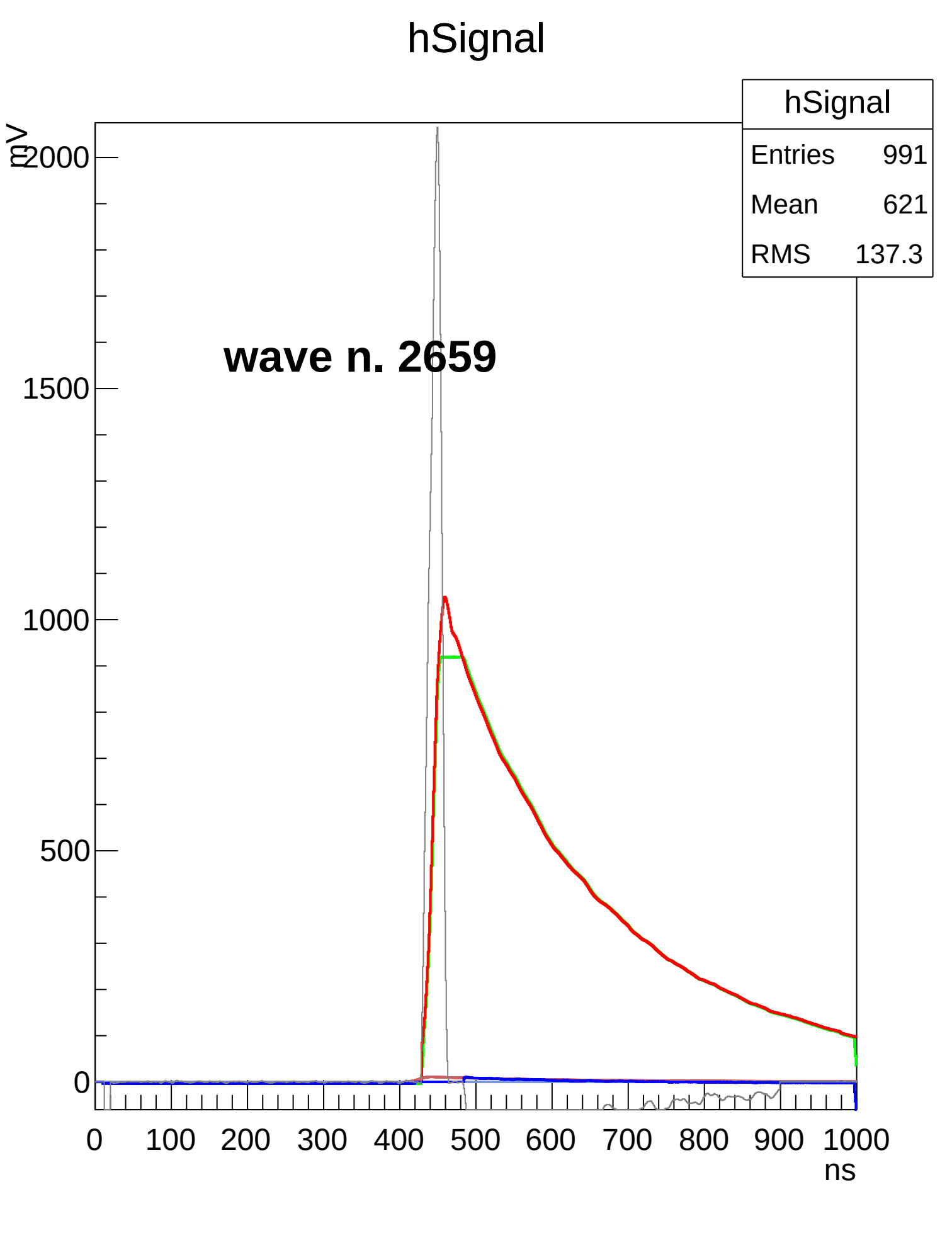

hSignal
hSignal
Entries 991
Mean 501
RMS 190.7
wave n. 2654
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

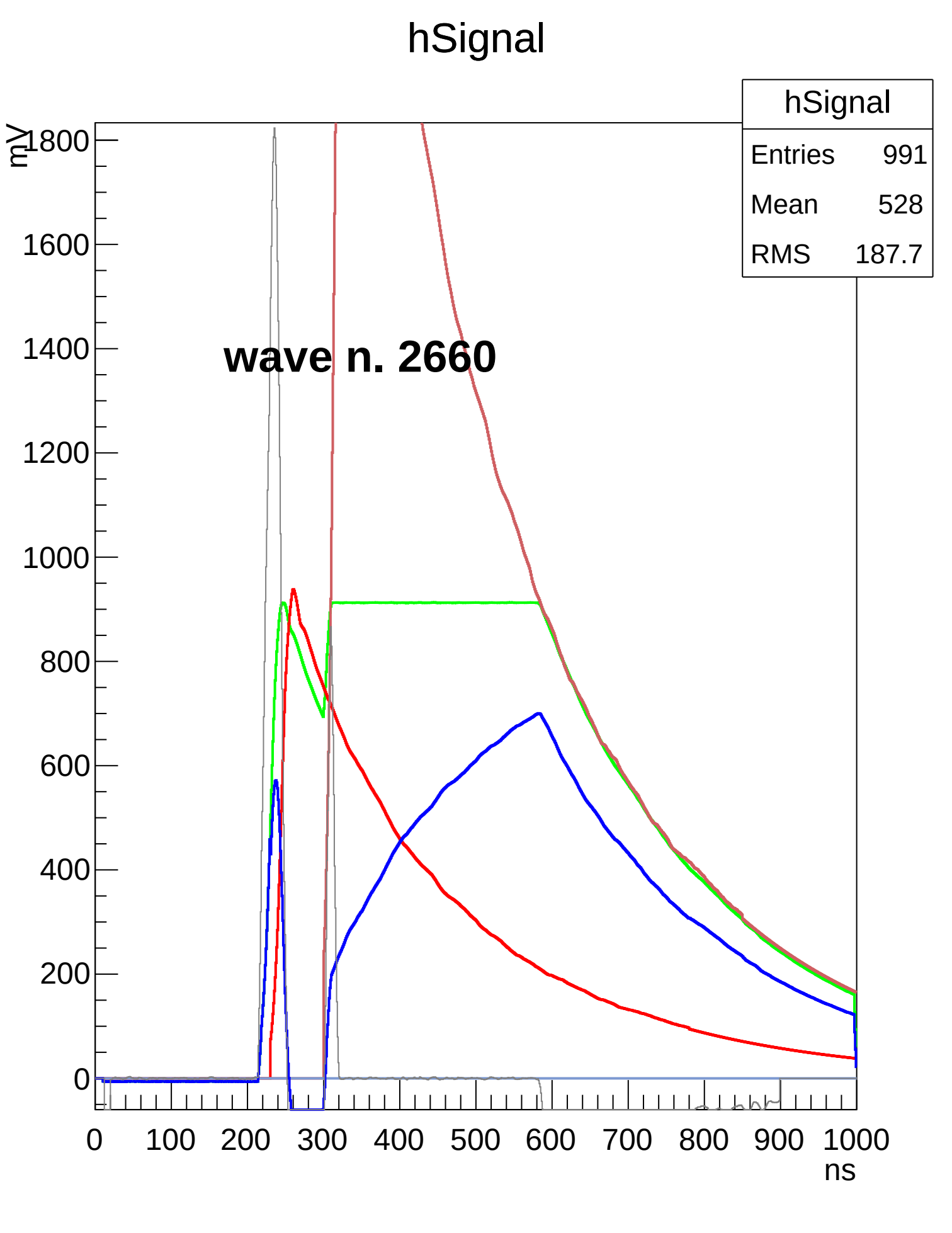

hSignal
hSignal
Entries 991
Mean 593.7
RMS 153.1
wave n. 2655
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 504
RMS 188
wave n. 2656
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 614.5
RMS 140
wave n. 2657
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 518.6
RMS 184.4
wave n. 2658
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 621
RMS 137.3
wave n. 2659
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 528
RMS 187.7
wave n. 2660
mV
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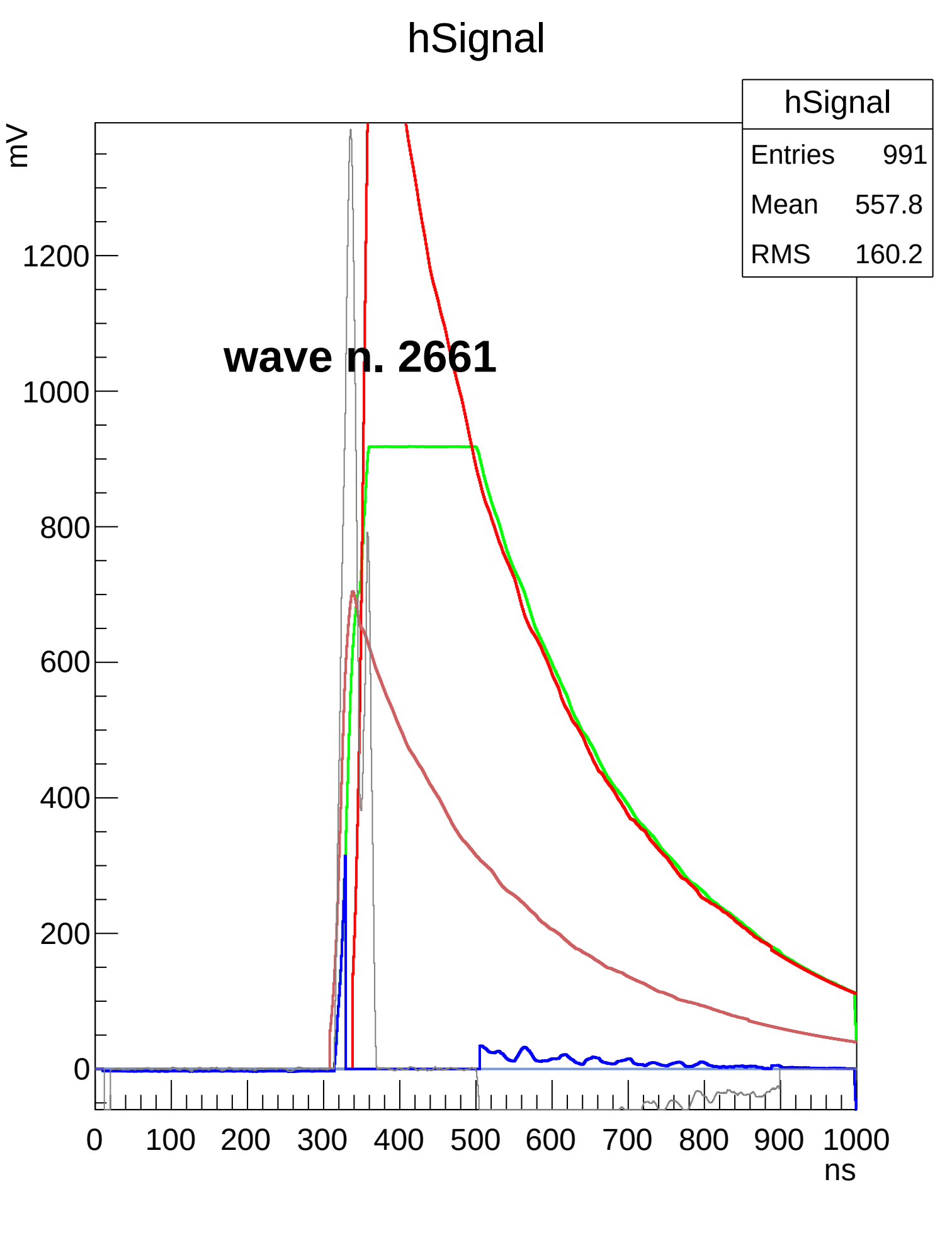
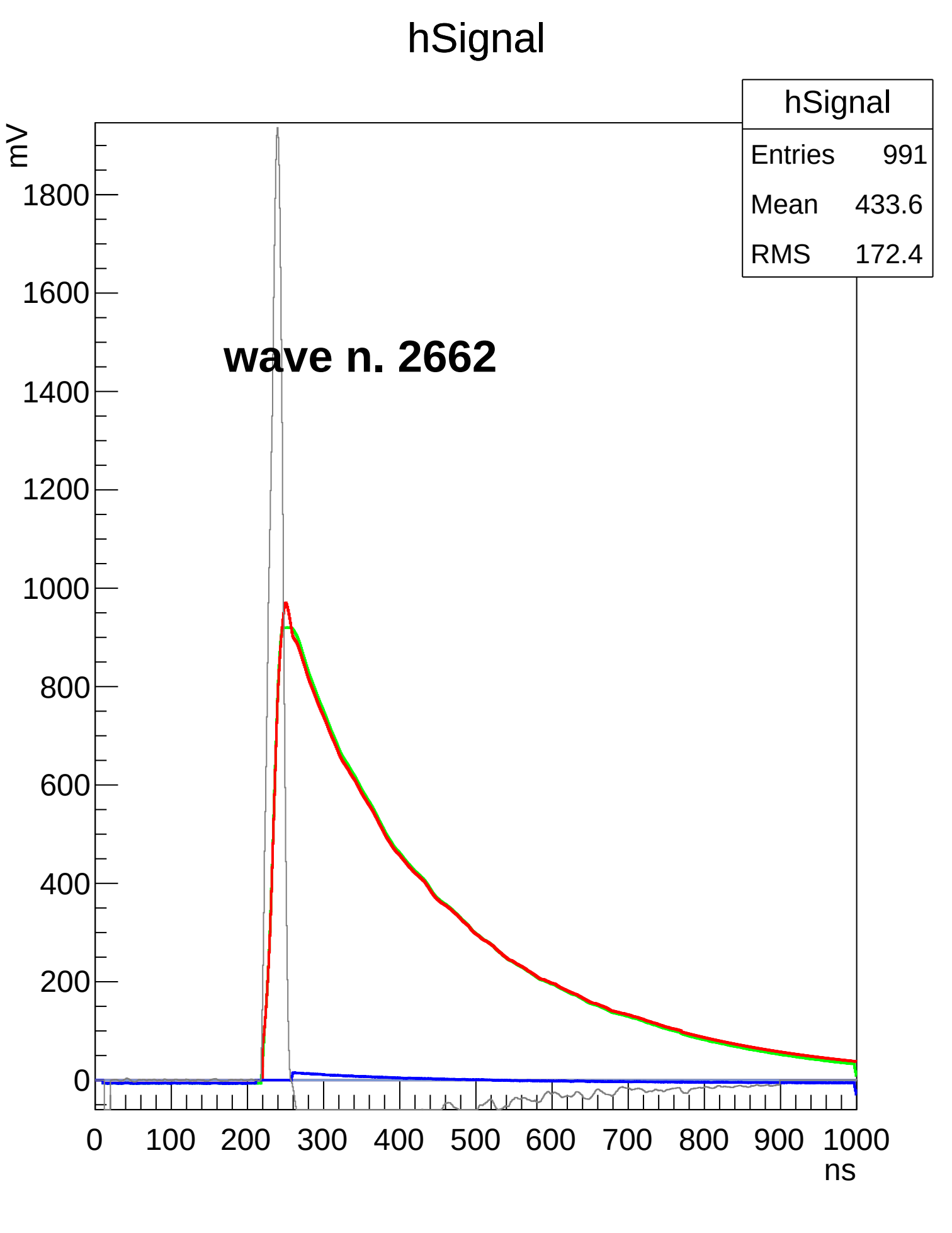
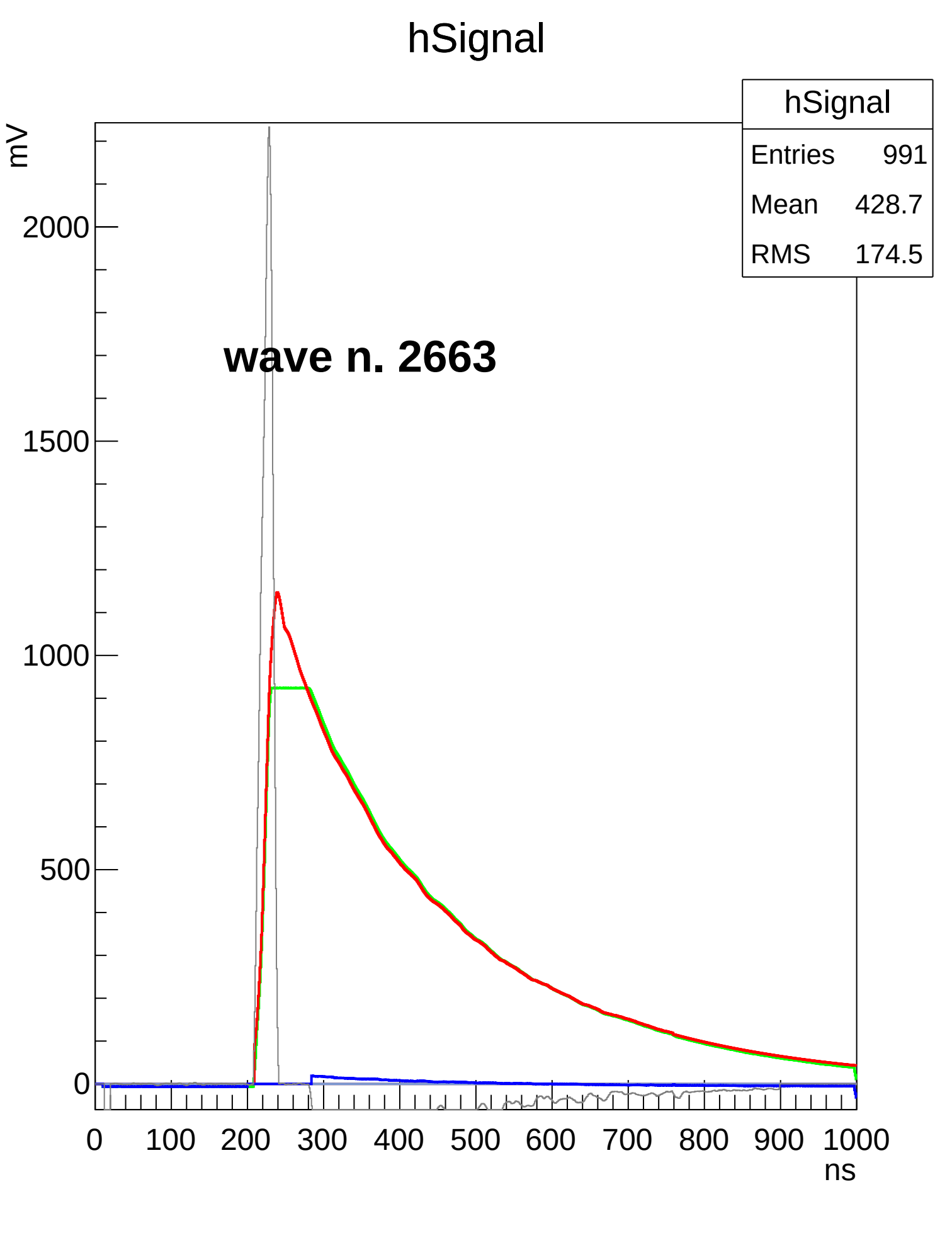
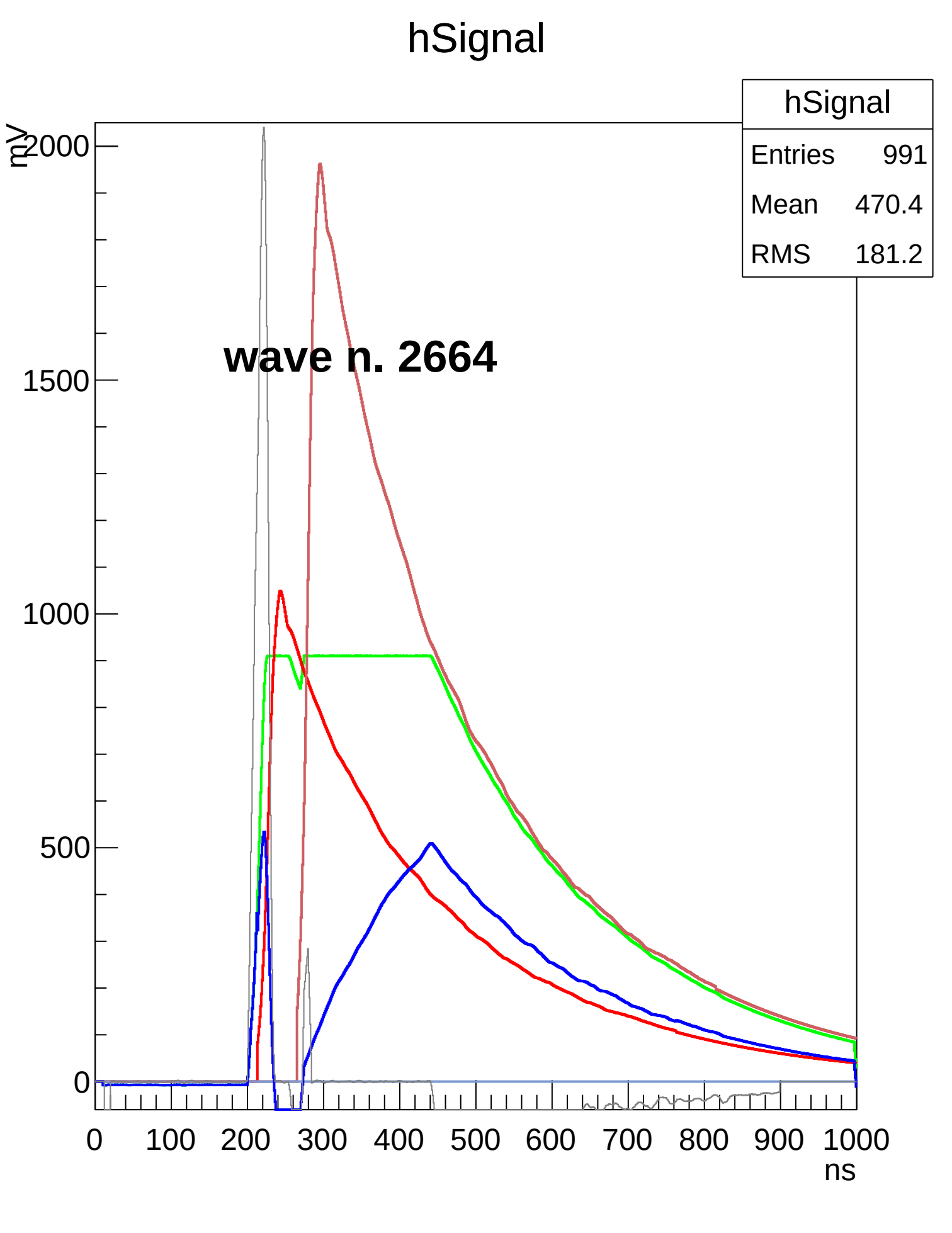
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 557.8
RMS 160.2
wave n. 2661
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 433.6
RMS 172.4
wave n. 2662
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 428.7
RMS 174.5
wave n. 2663
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 470.4
RMS 181.2
wave n. 2664
mV
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1000
500
0
0
100
200
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400
500
600
700
800
900
1000
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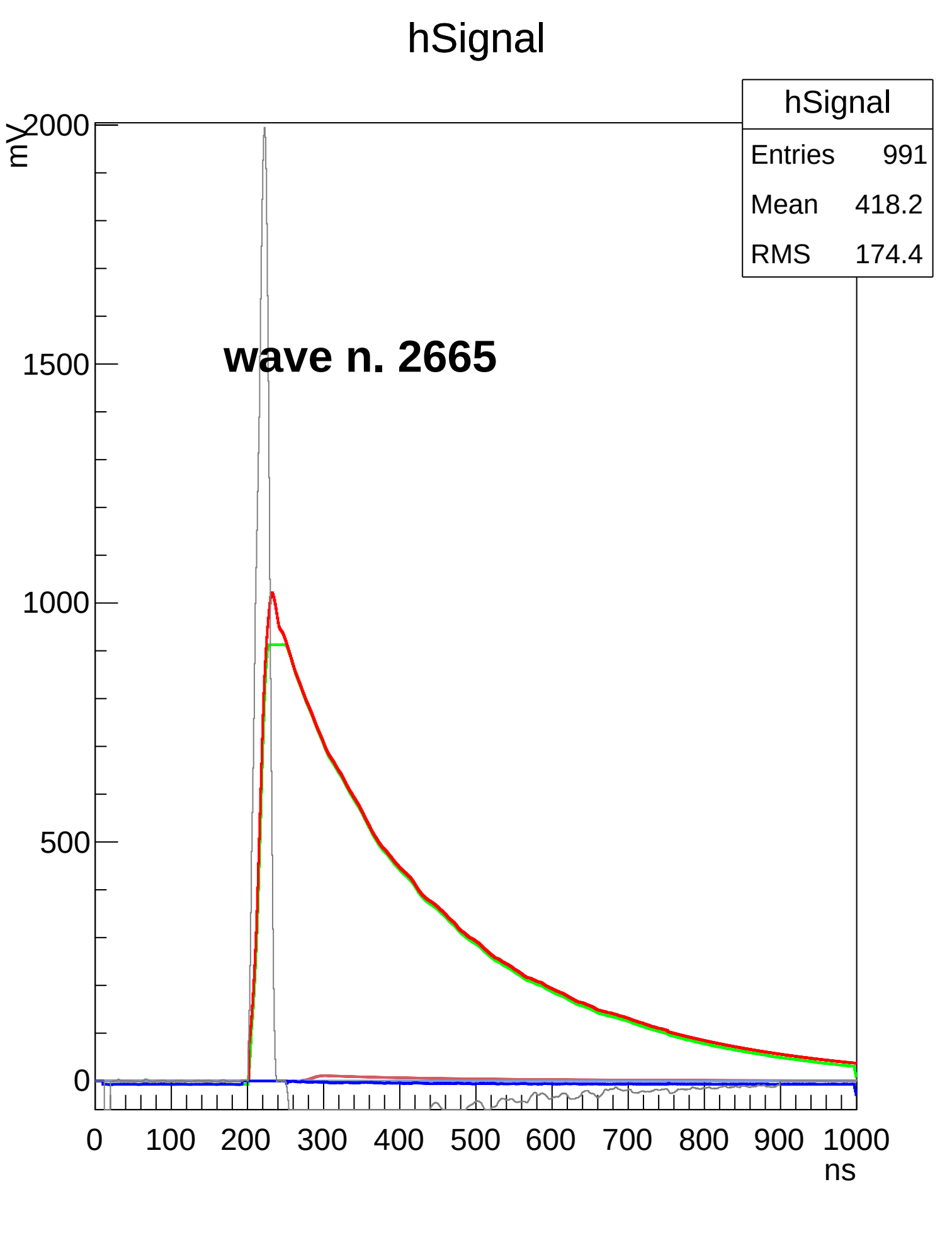
hSignal
hSignal
Entries 991
Mean 418.2
RMS 174.4
wave n. 2665
mV
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1500
1000
500
0
0
100
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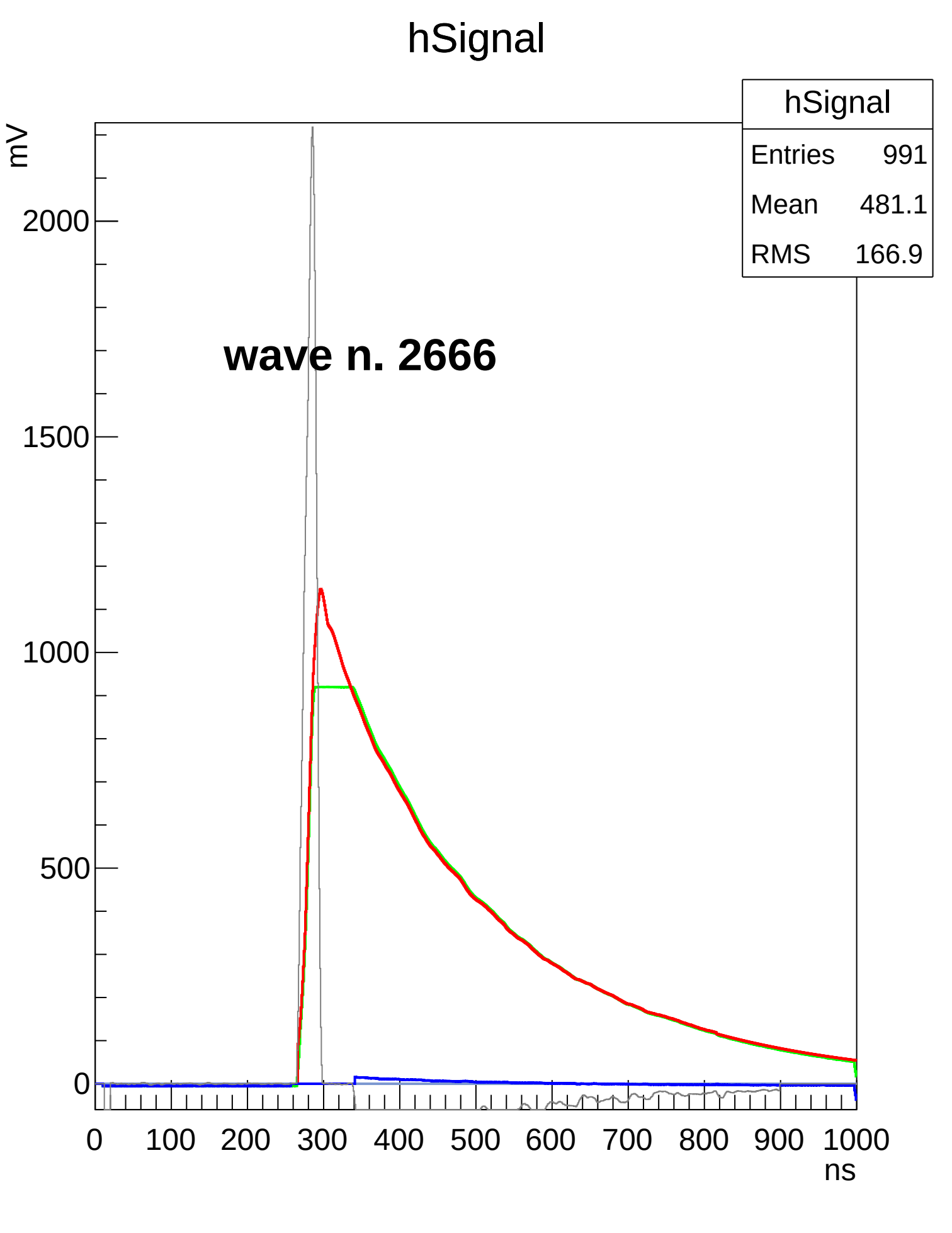
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481.1
RMS 166.9
wave n. 2666
mV
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1500
1000
500
0
0
100
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400
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600
700
800
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1000
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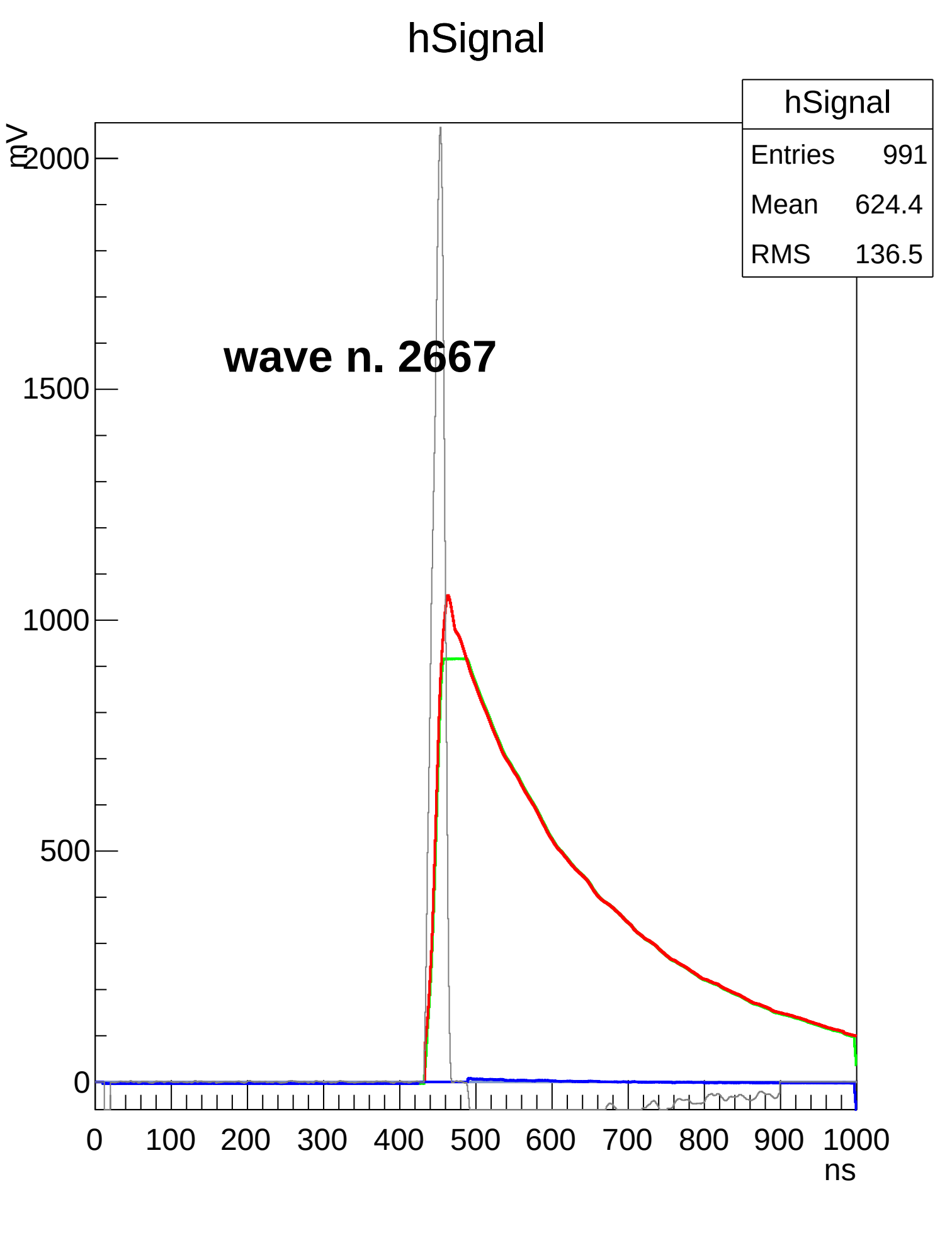
hSignal
hSignal
Entries 991
Mean 624.4
RMS 136.5
wave n. 2667
mV
2000
1500
1000
500
0
0
100
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800
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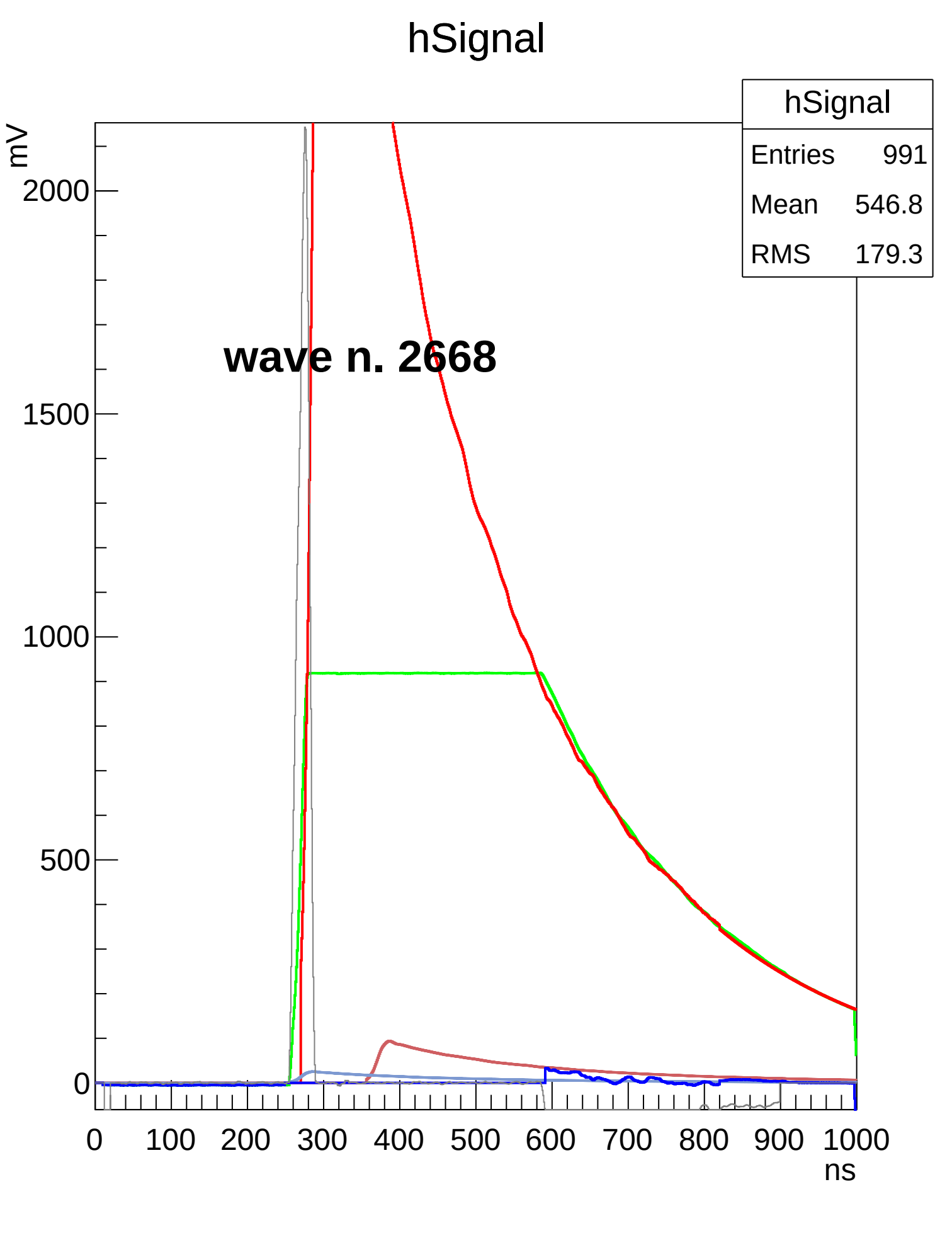
1000
ns


hSignal
hSignal
Entries 991
Mean 546.8
RMS 179.3
wave n. 2668
mV
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1500
1000
500
0
0
100
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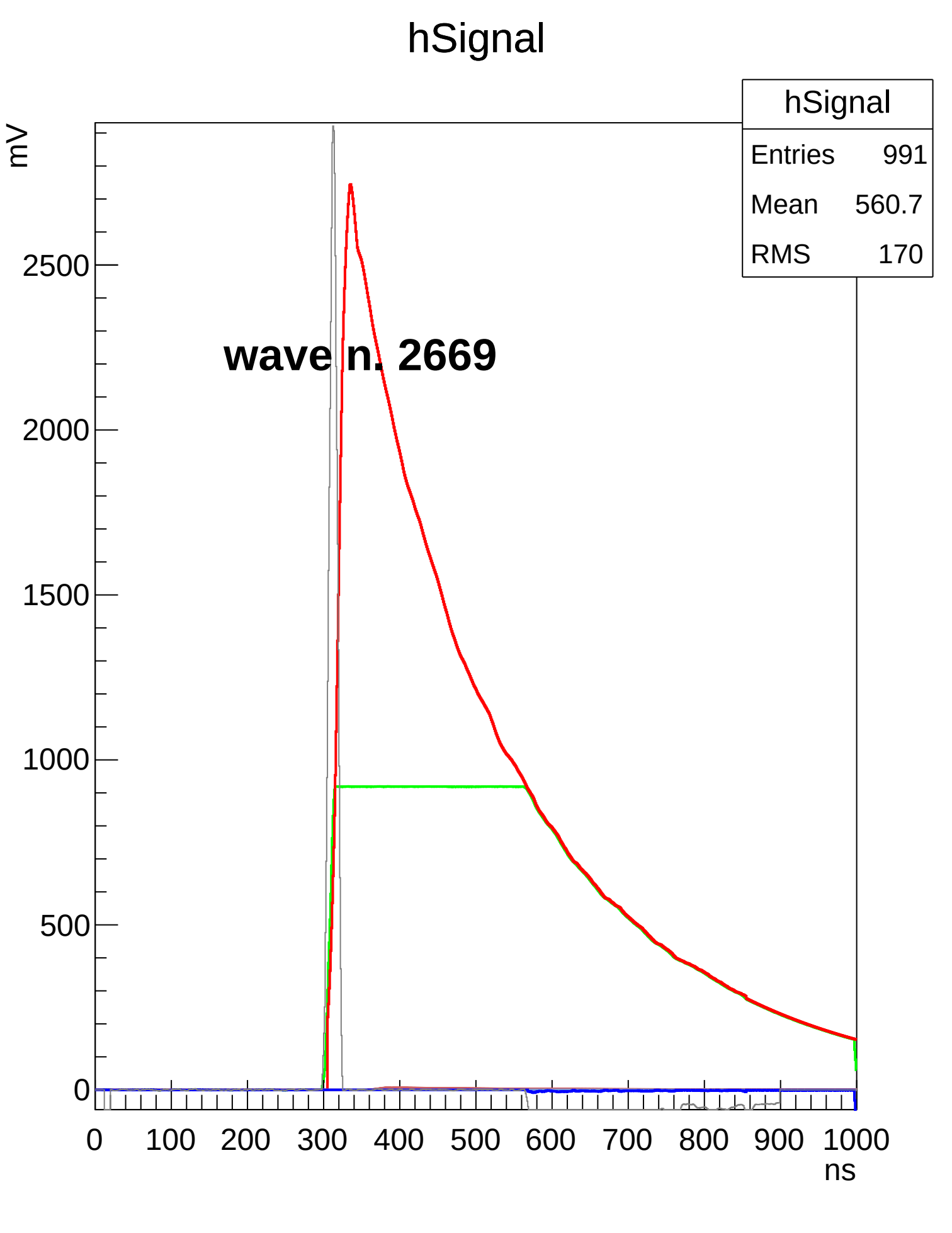
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.7
RMS 170
wave n. 2669
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
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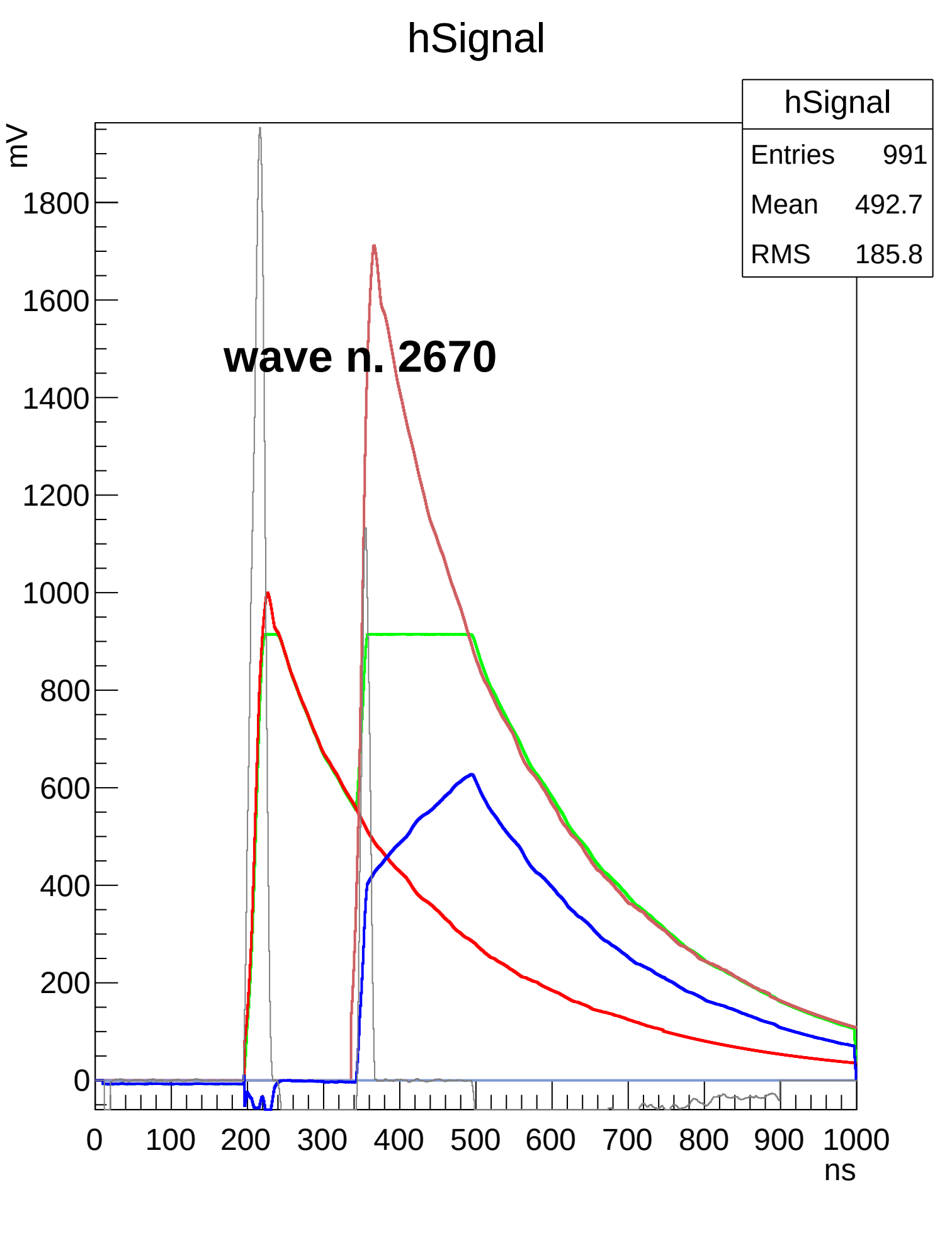
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 492.7
RMS 185.8
wave n. 2670
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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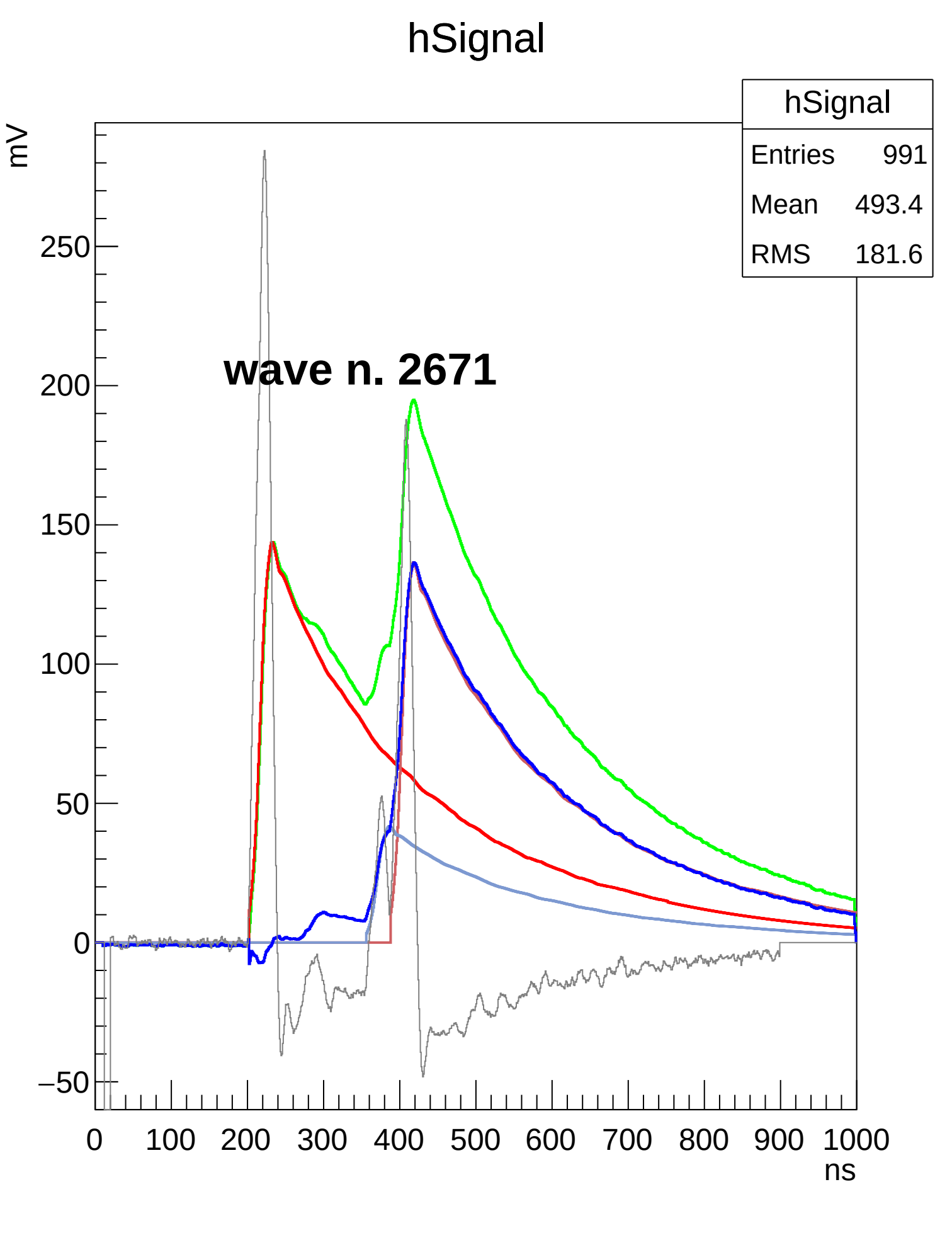
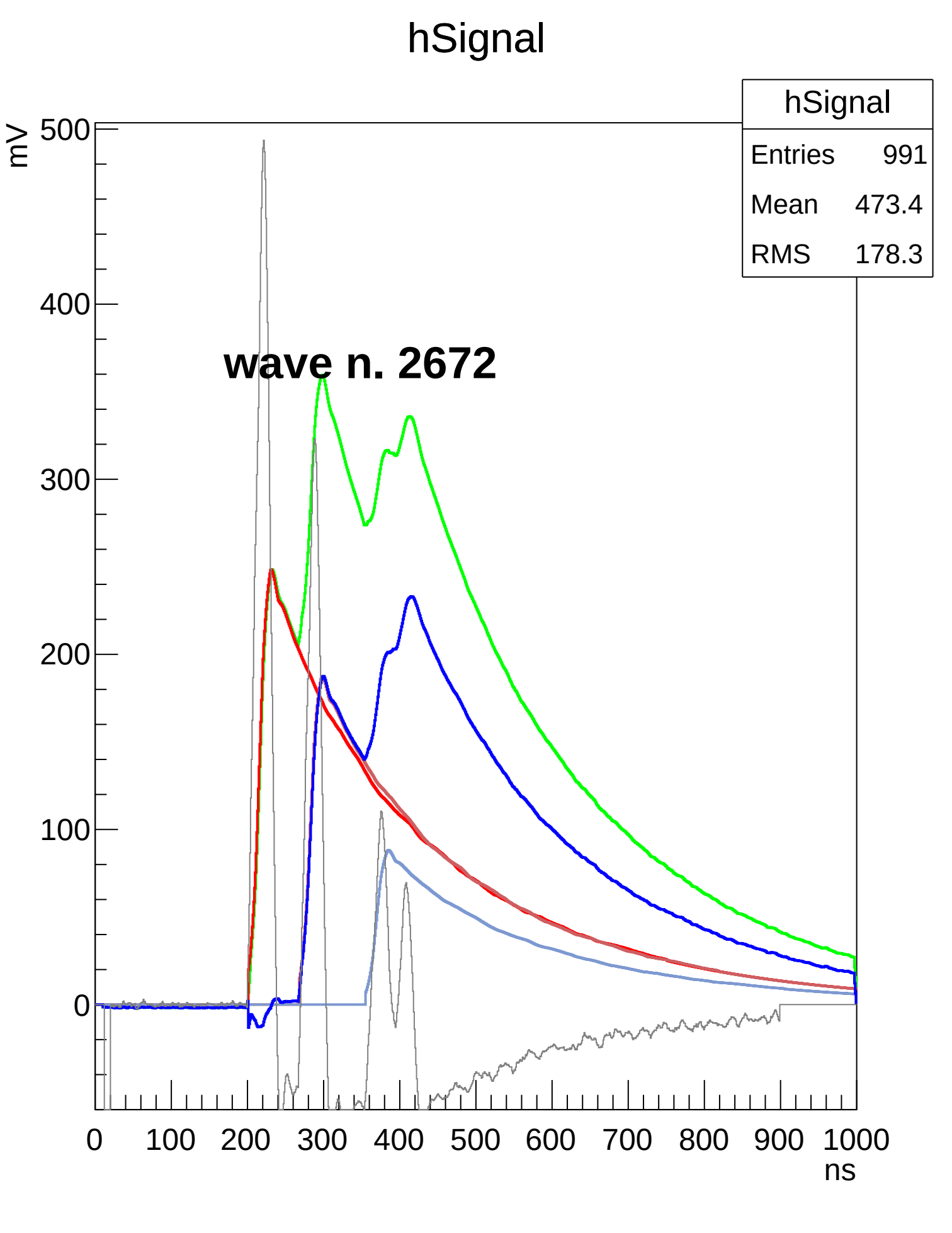
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 493.4
RMS 181.6
wave n. 2671
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 473.4
RMS 178.3
wave n. 2672
mV
500
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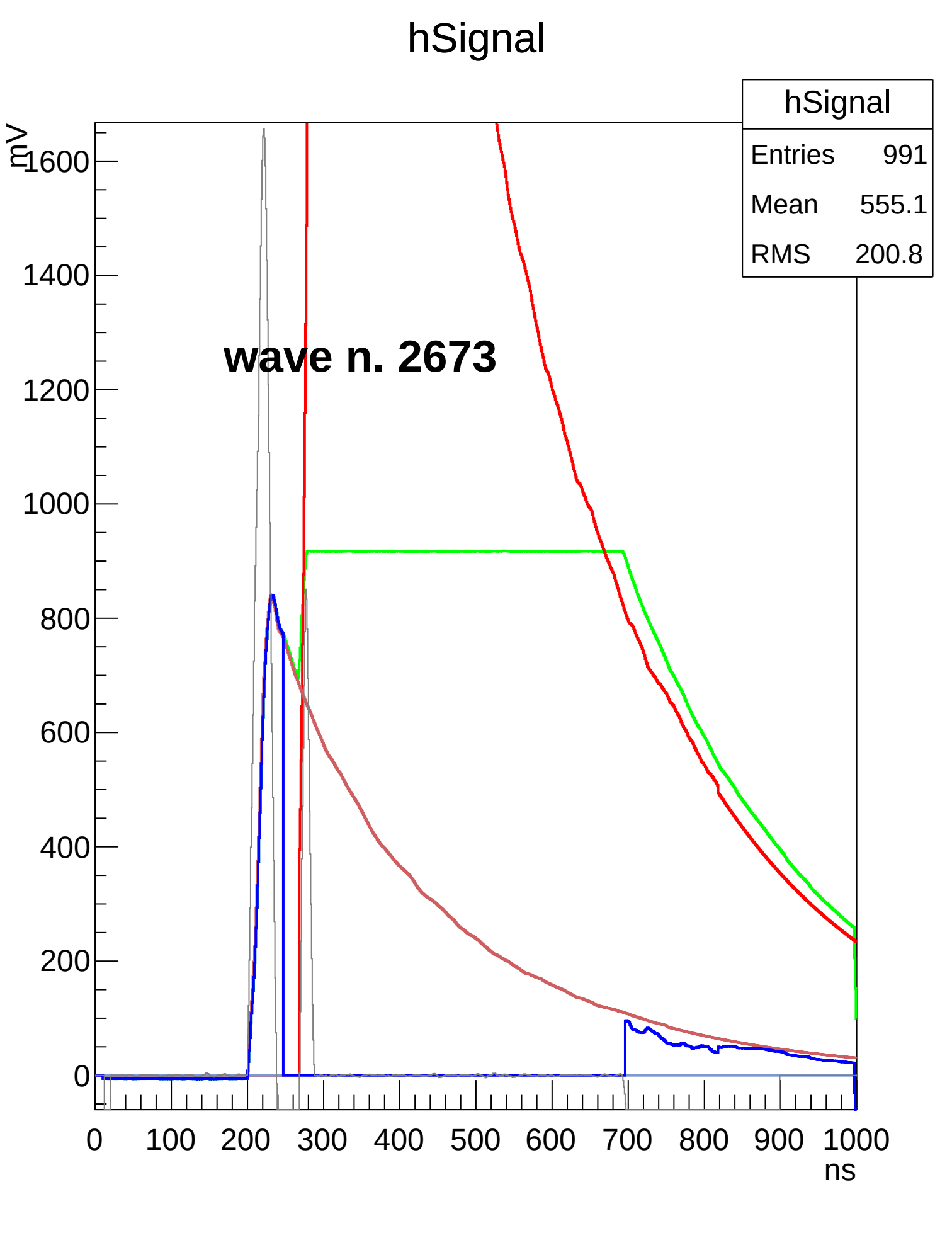
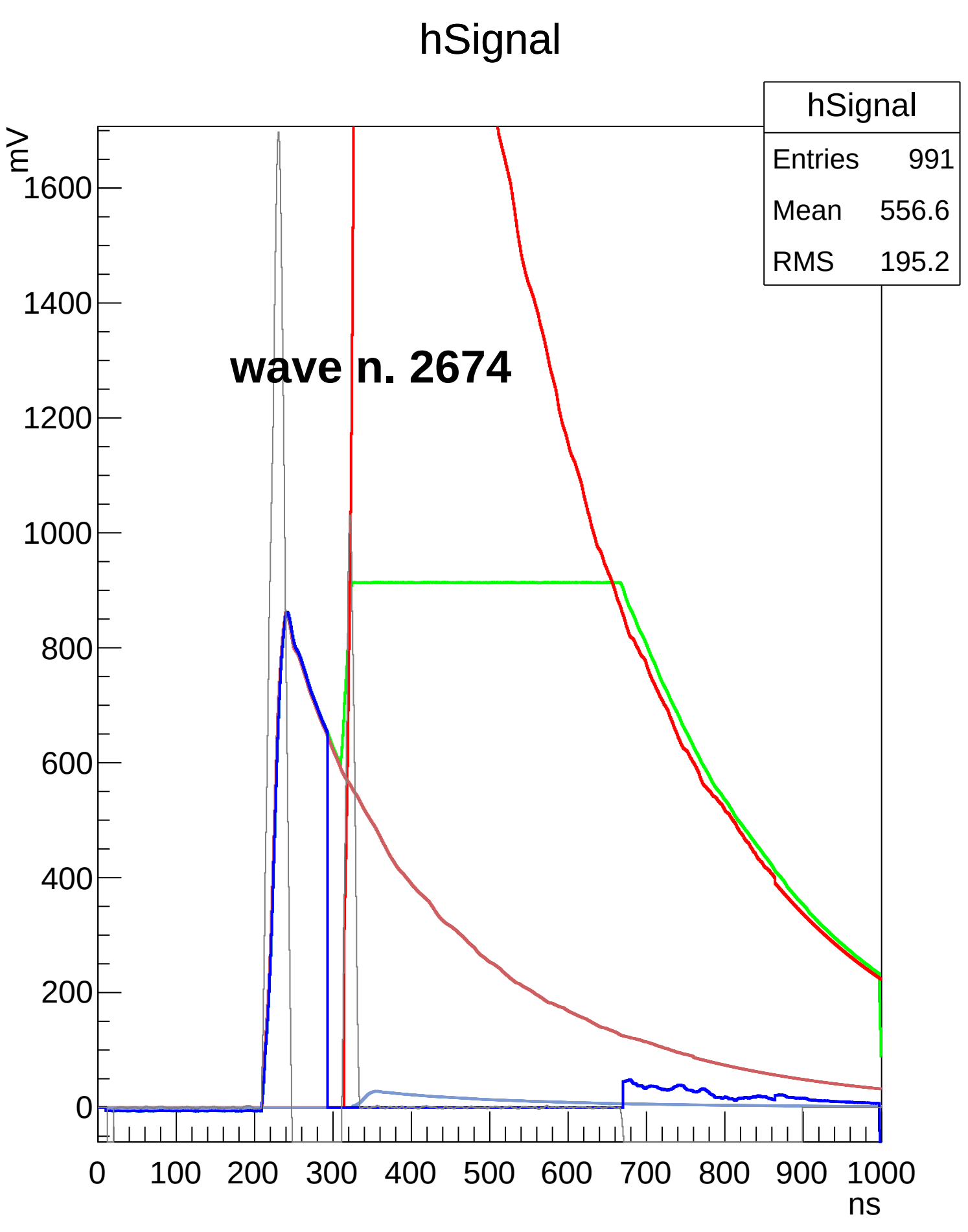
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 555.1
RMS 200.8
wave n. 2673
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.6
RMS 195.2
wave n. 2674
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
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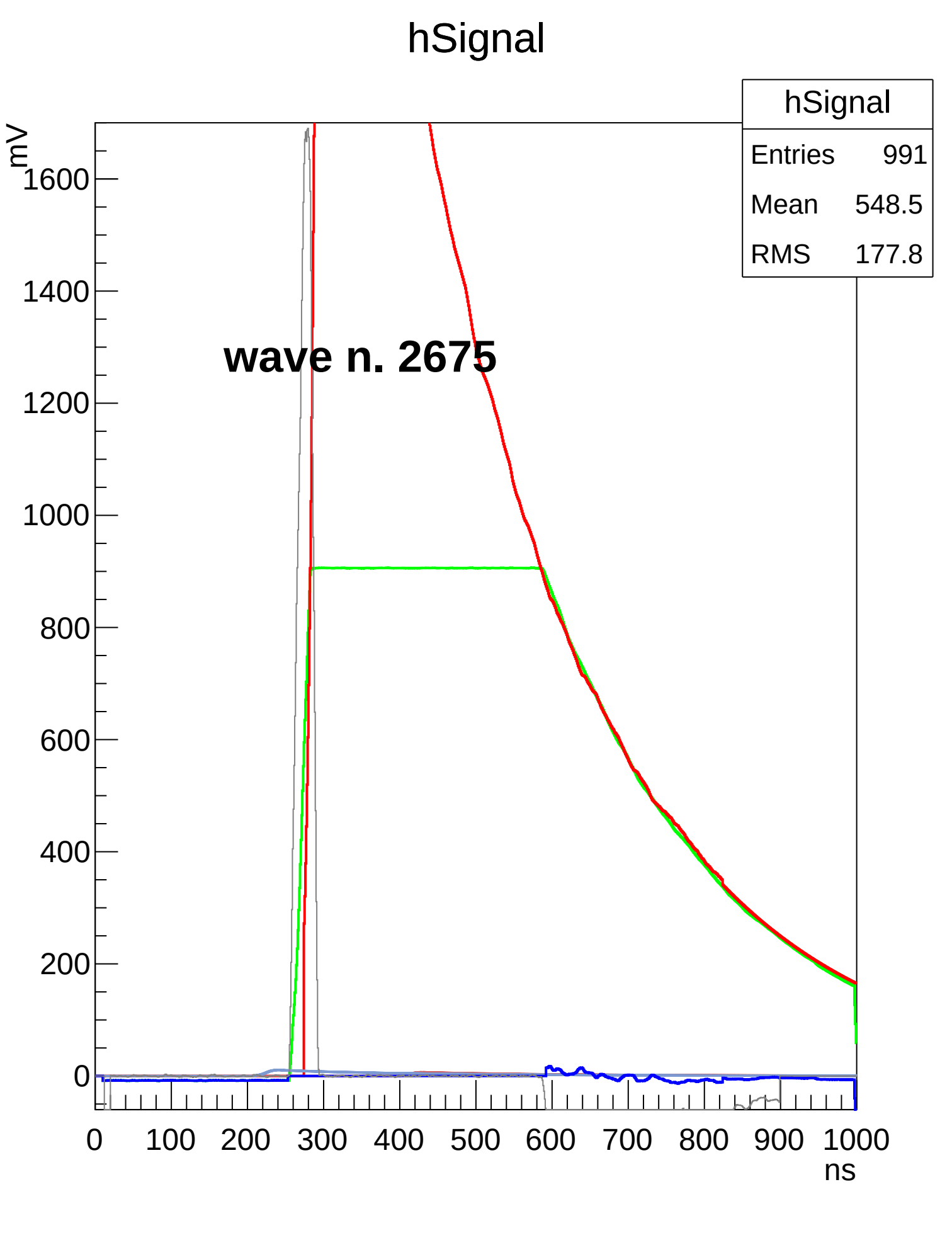
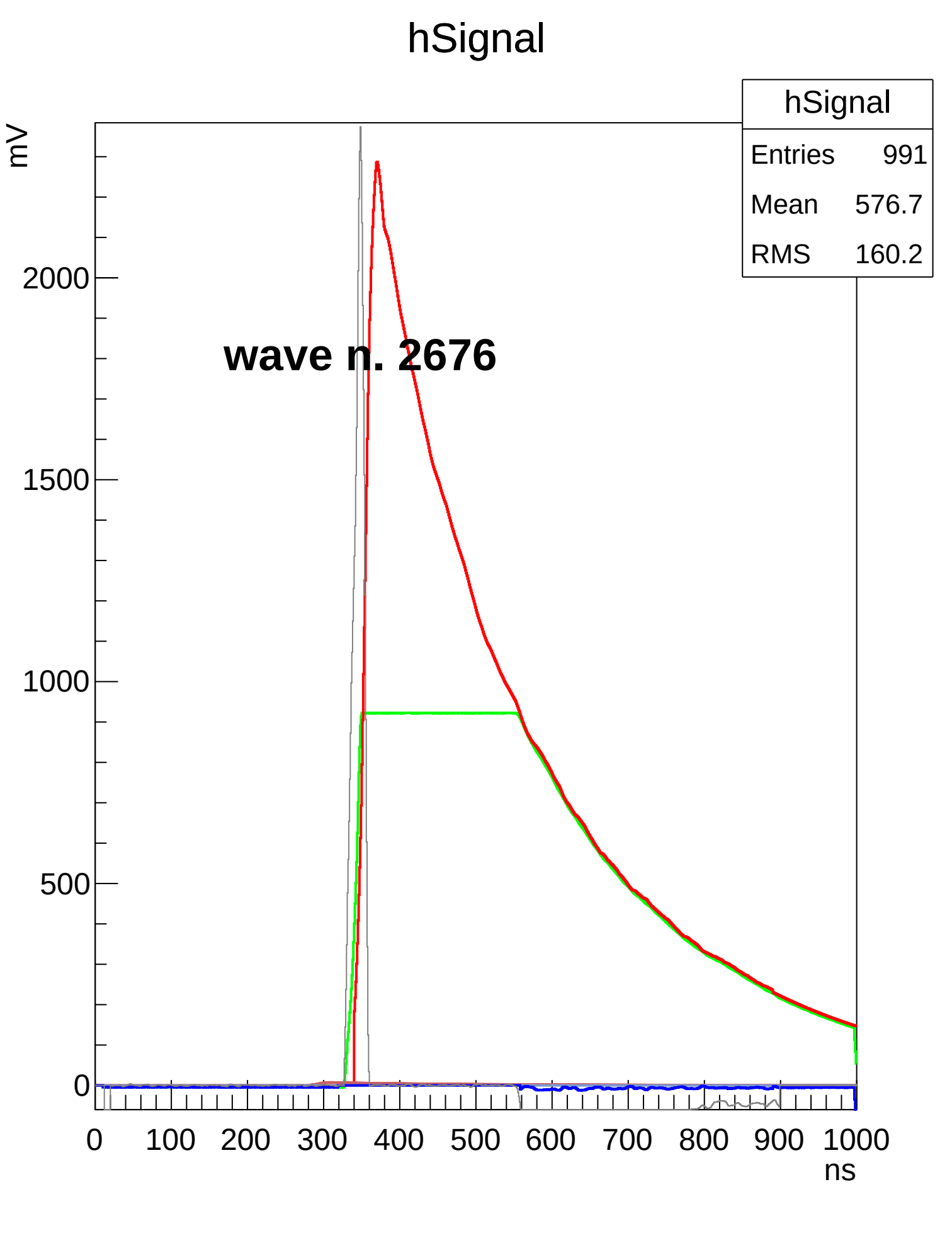
1000
ns


hSignal
hSignal
Entries 991
Mean 548.5
RMS 177.8
wave n. 2675
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 576.7
RMS 160.2
wave n. 2676
mV
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1500
1000
500
0
0
100
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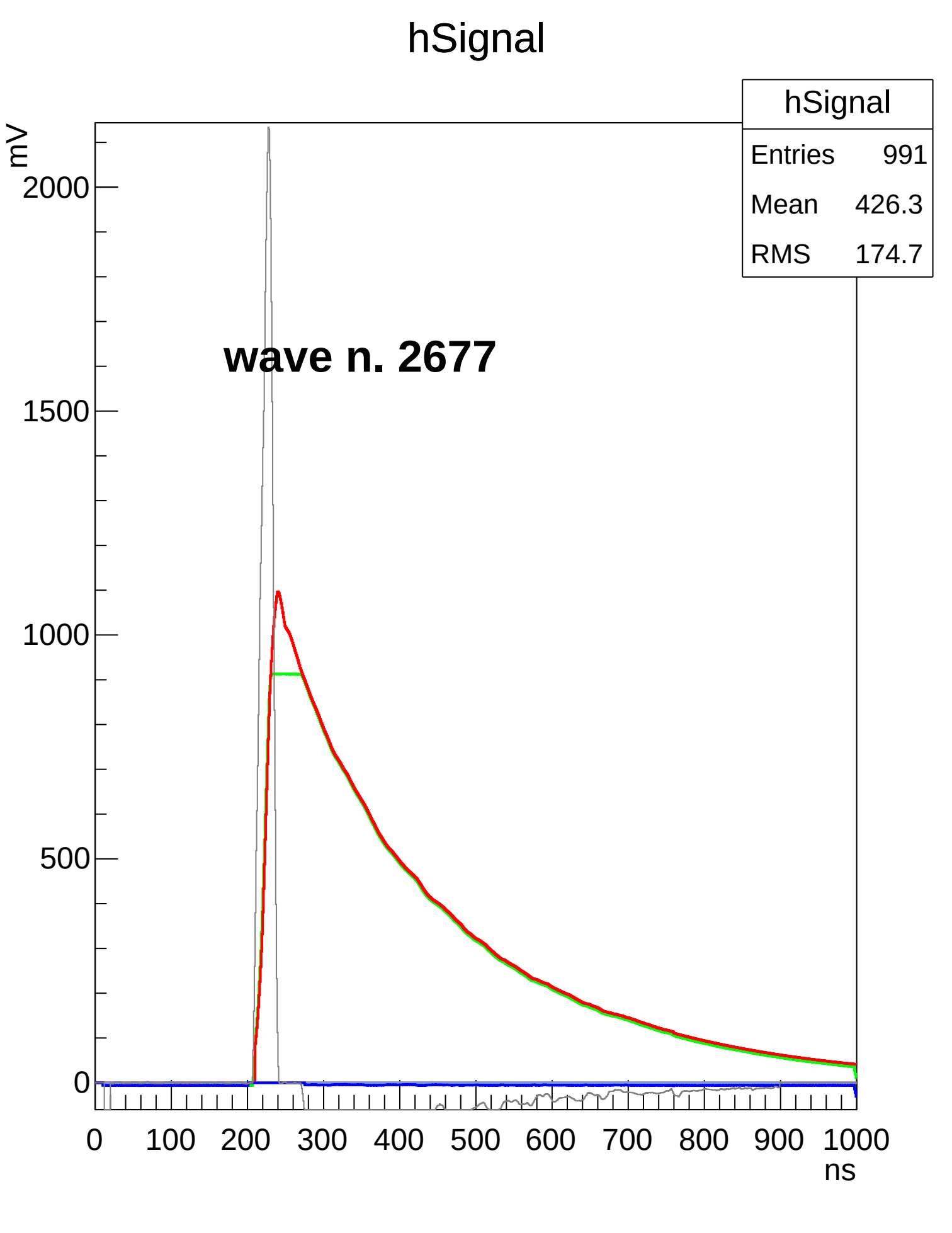
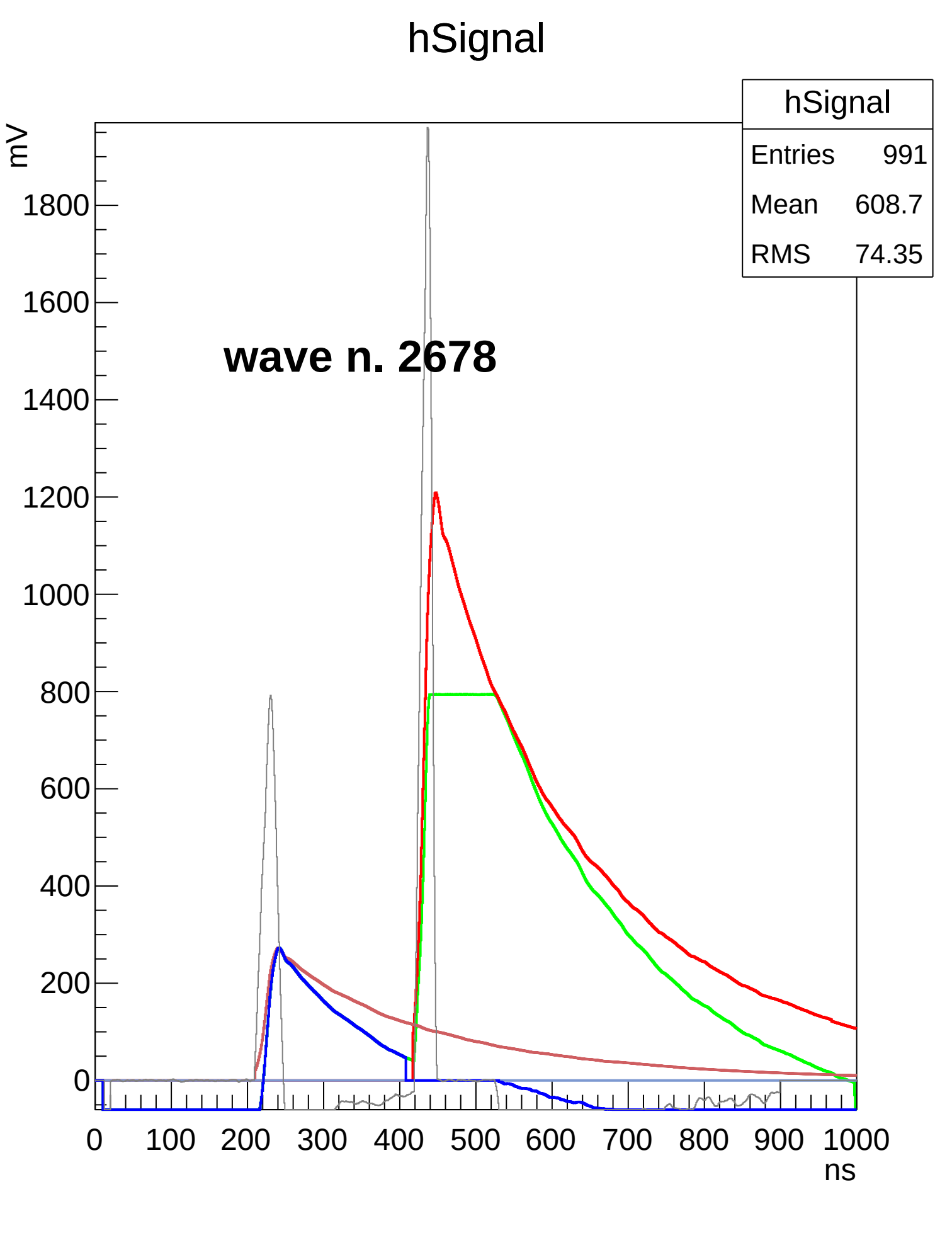
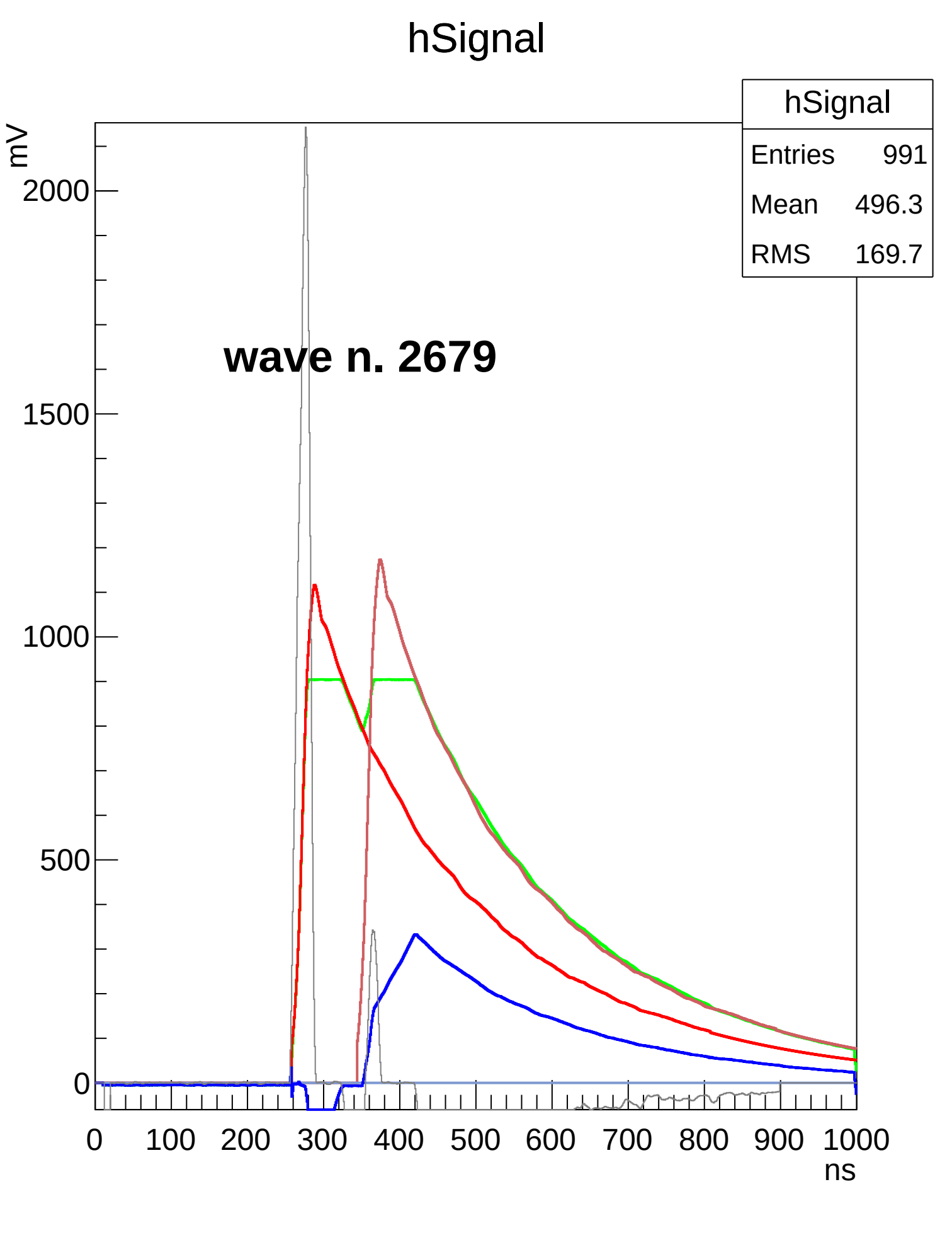
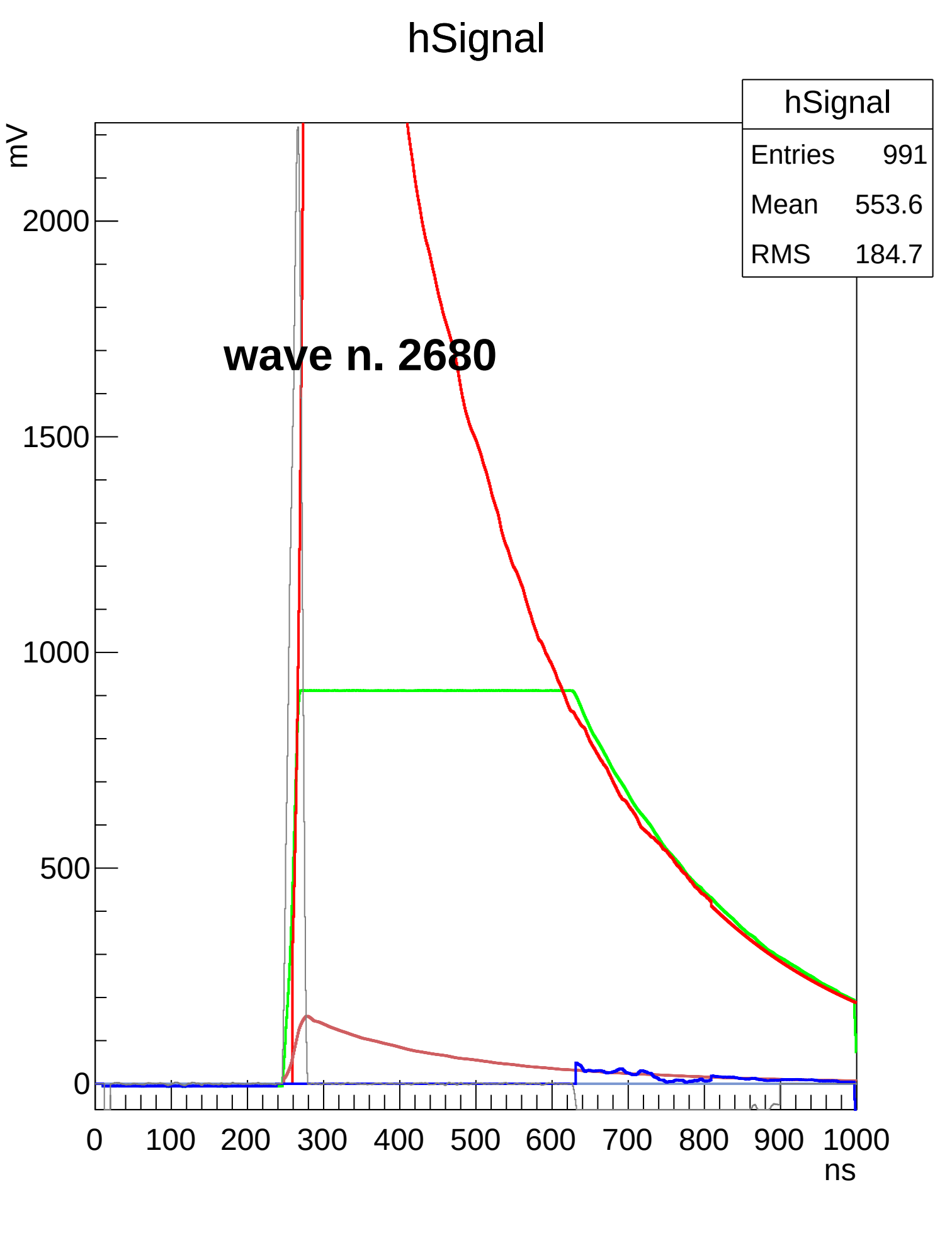
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 426.3
RMS 174.7
wave n. 2677
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 608.7
RMS 74.35
wave n. 2678
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 496.3
RMS 169.7
wave n. 2679
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.6
RMS 184.7
wave n. 2680
mV
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1500
1000
500
0
0
100
200
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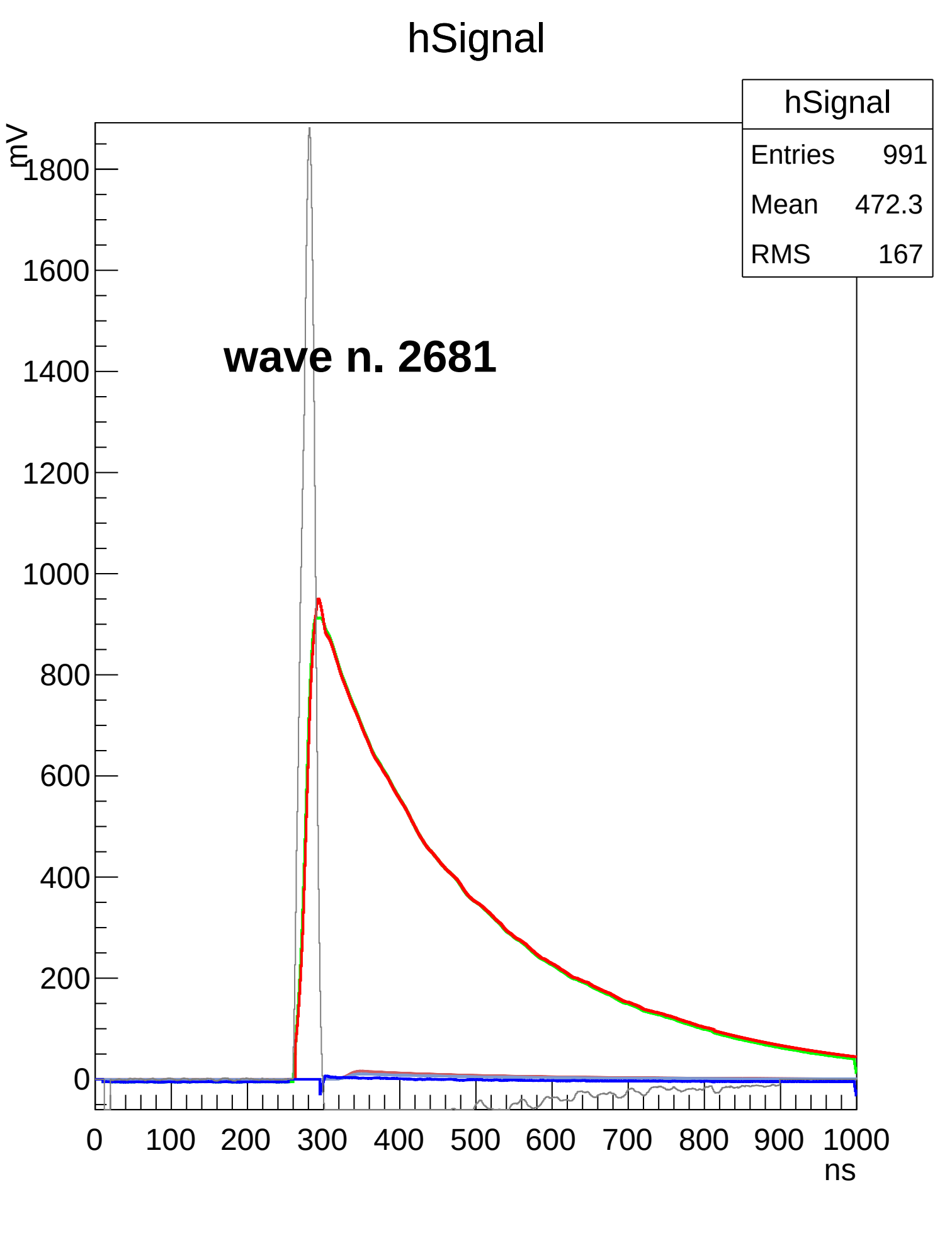
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 472.3
RMS 167
wave n. 2681
mV
1800
1600
1400
1200
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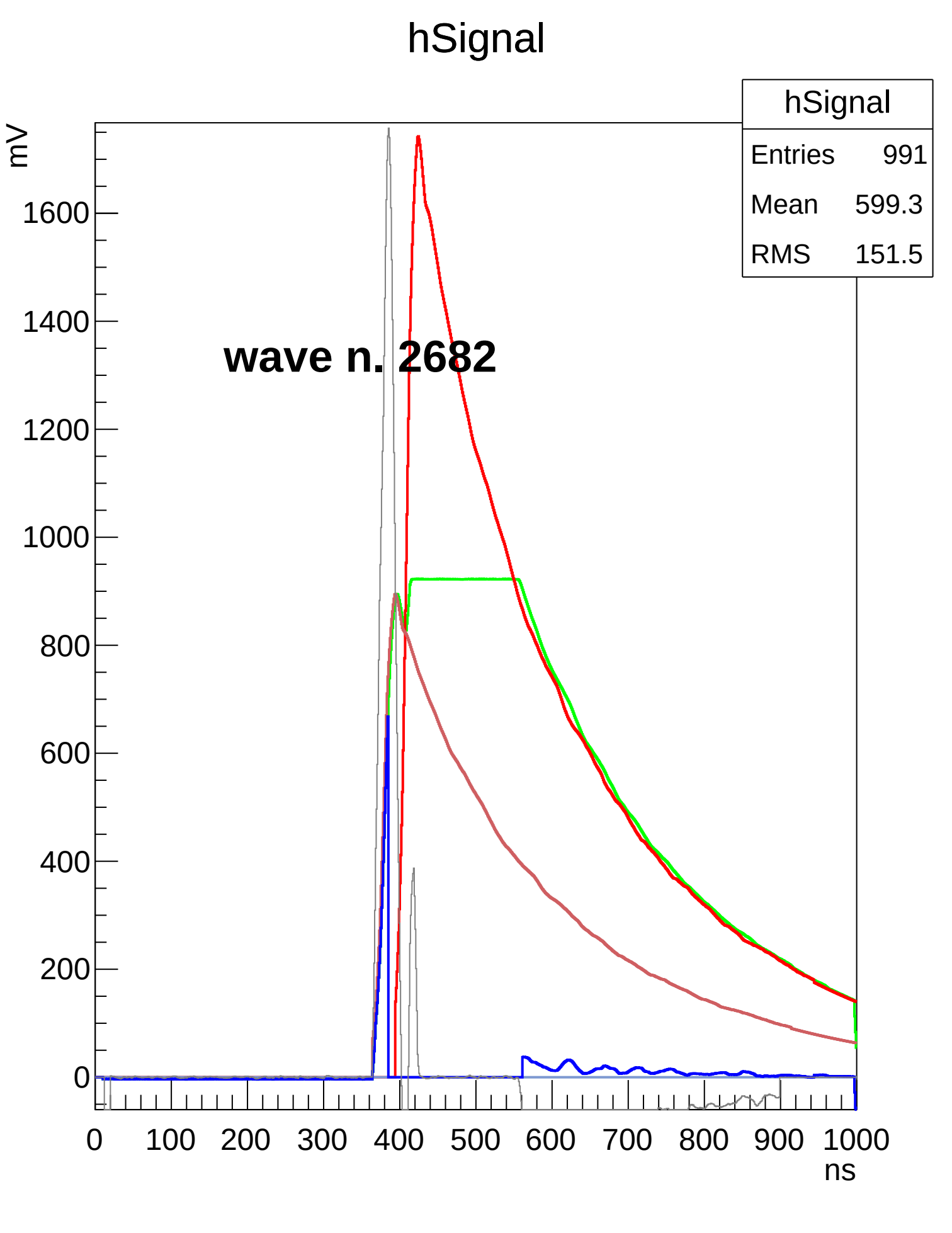
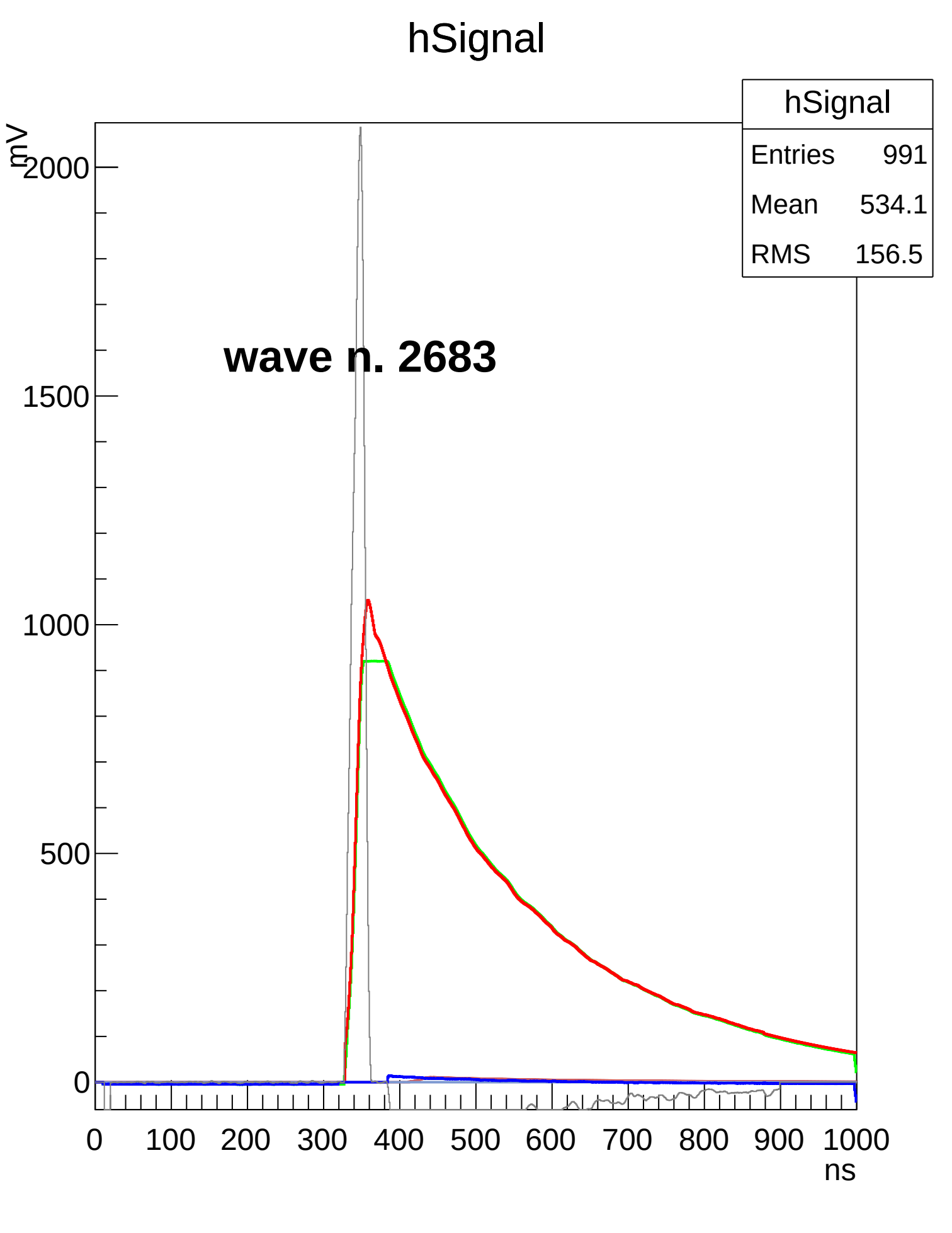
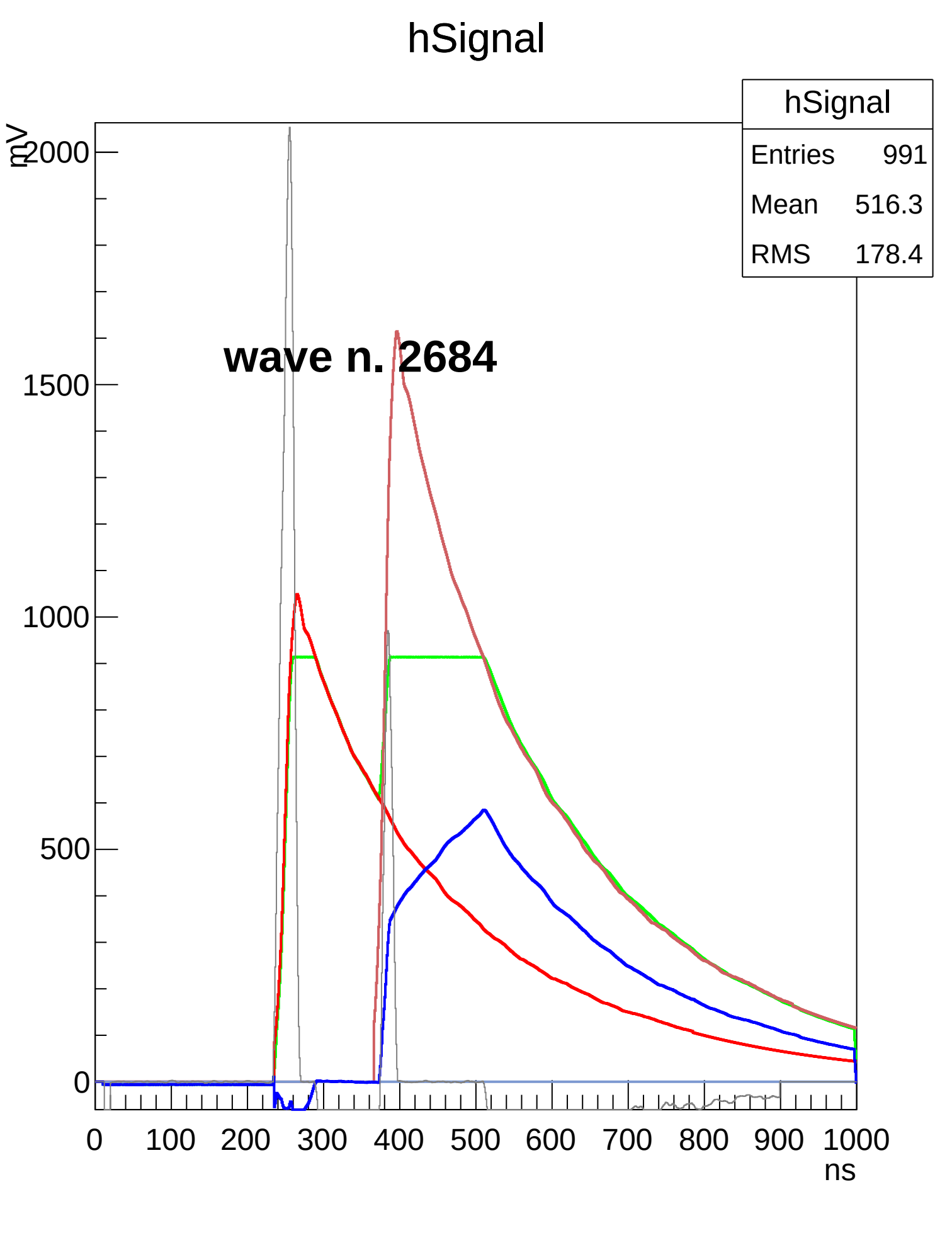
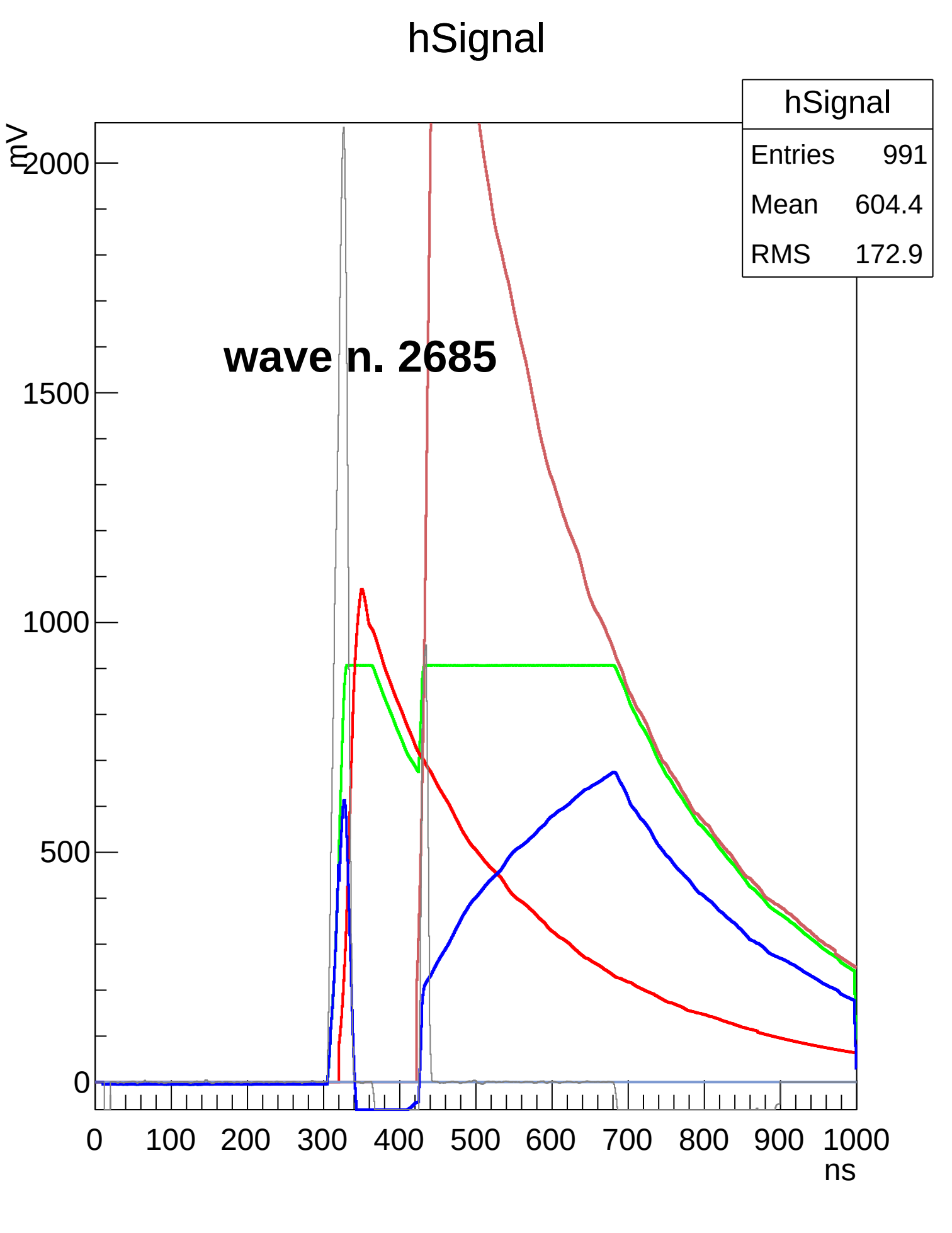
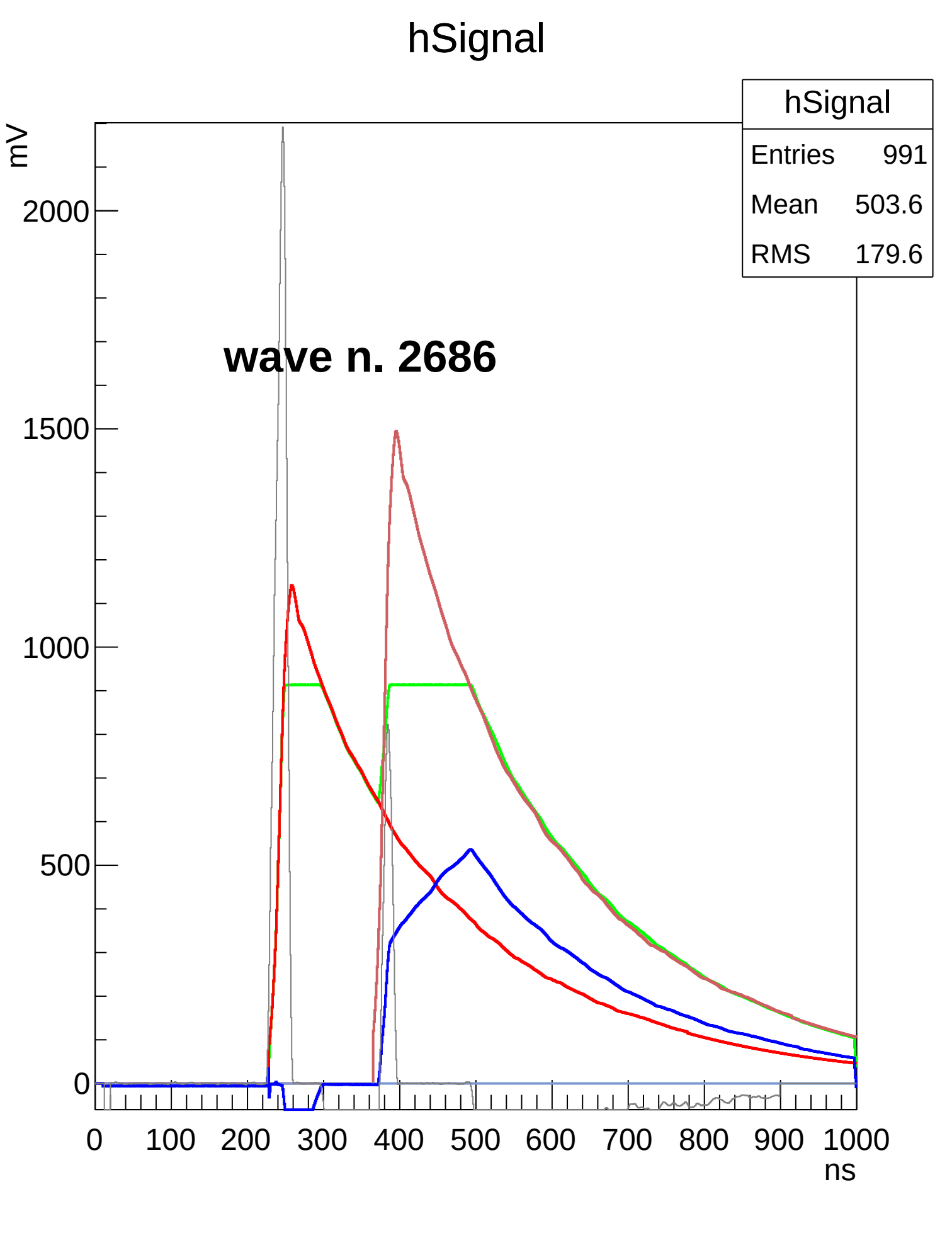
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

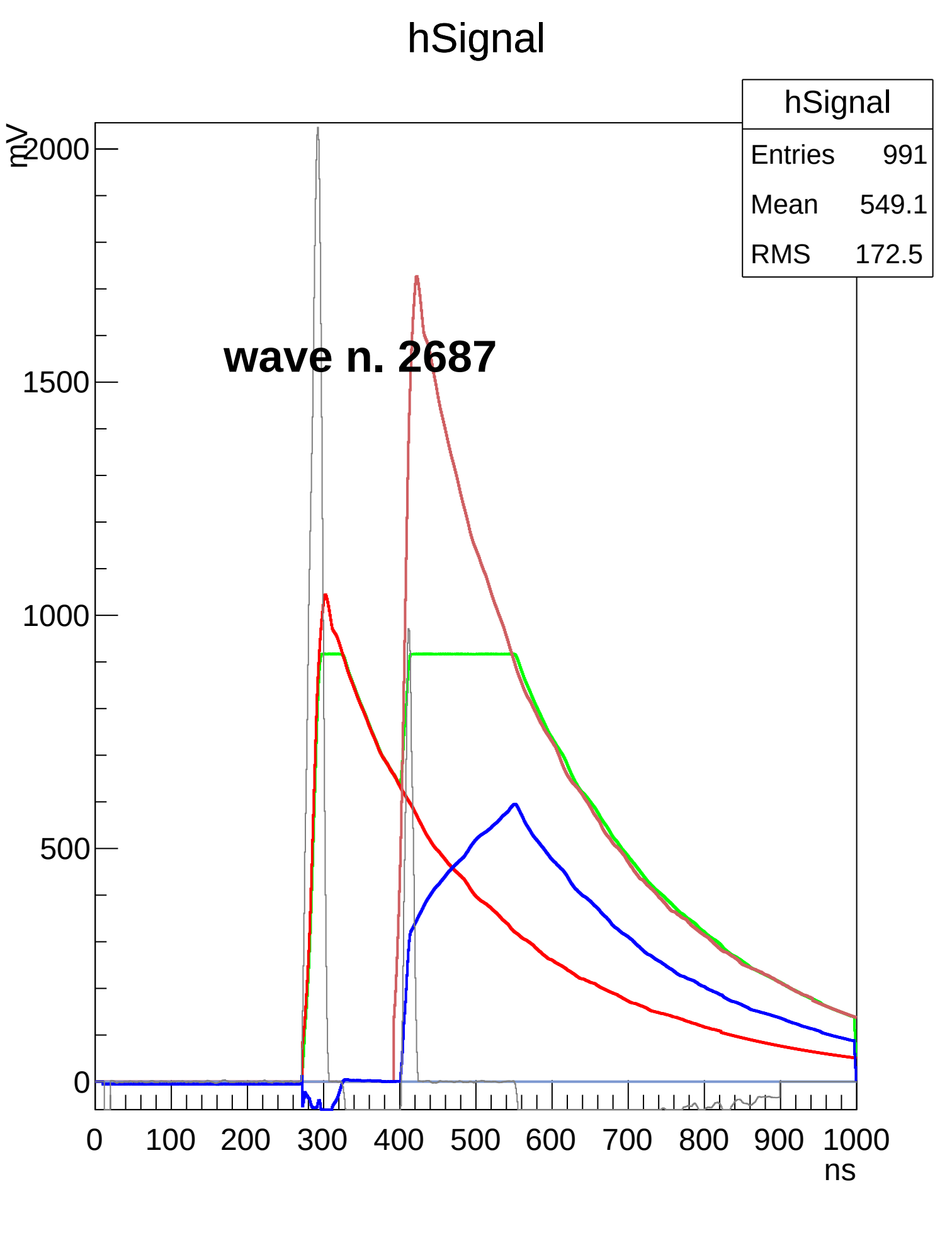

hSignal
hSignal
Entries 991
Mean 599.3
RMS 151.5
wave n. 2682
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

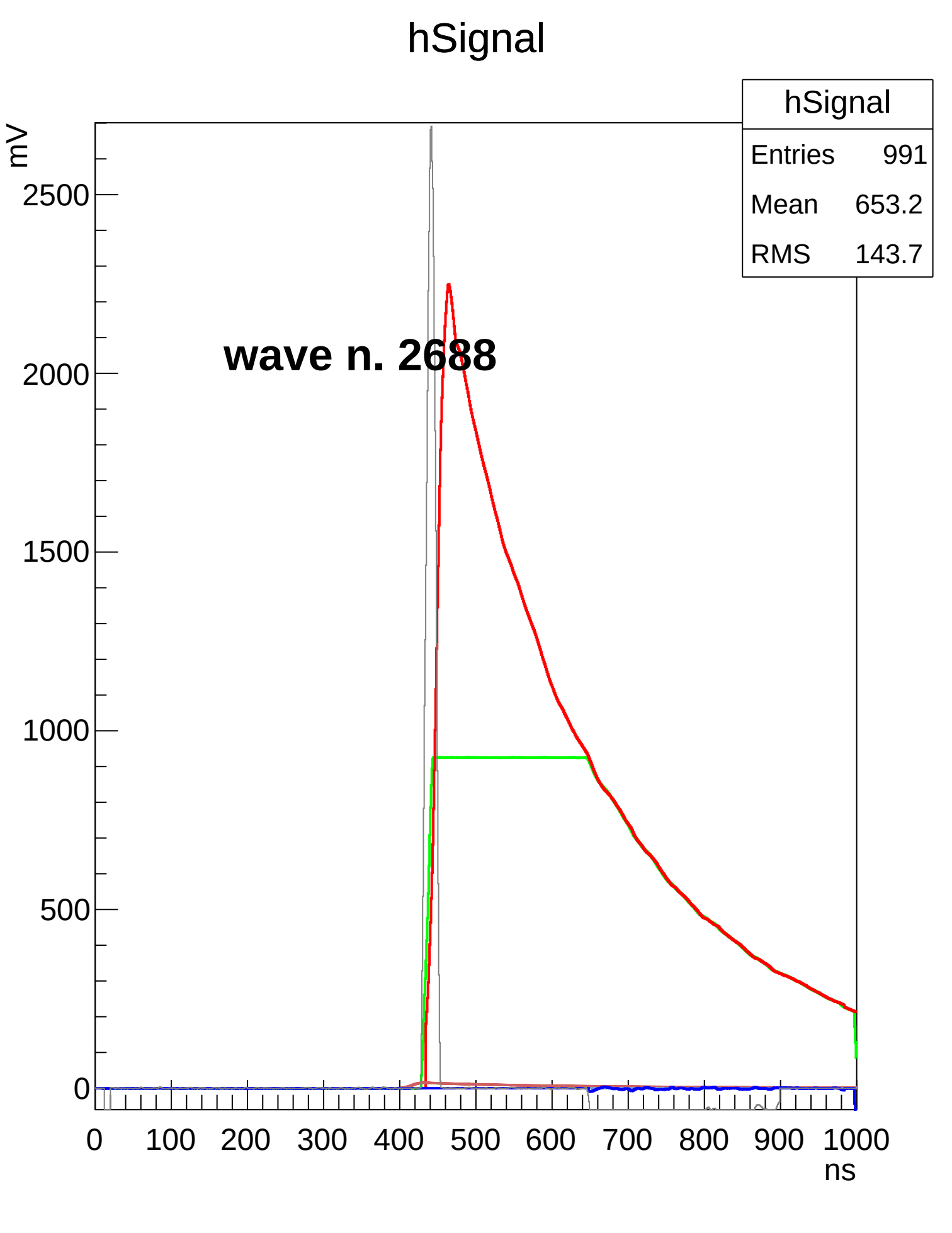

hSignal
hSignal
Entries 991
Mean 534.1
RMS 156.5
wave n. 2683
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

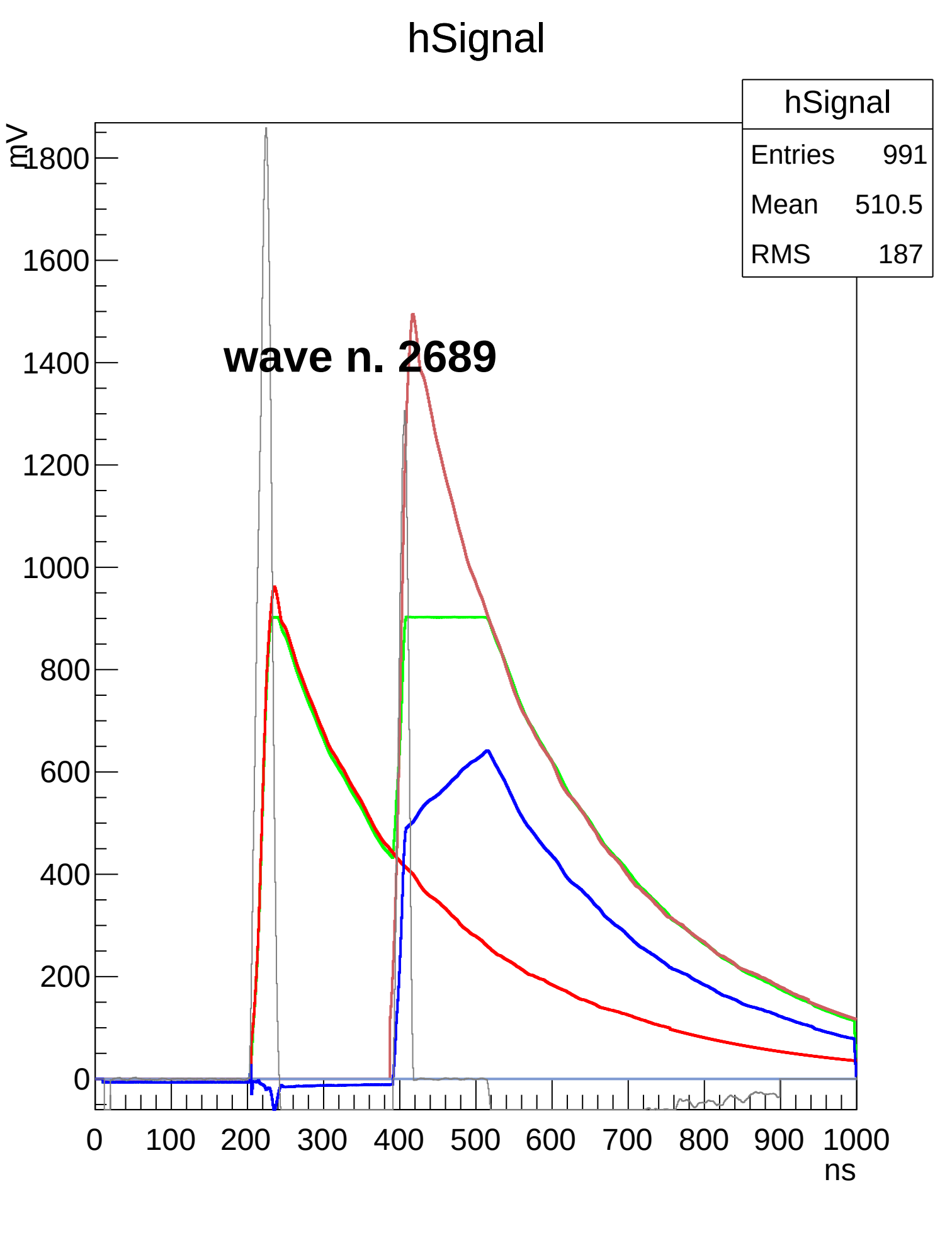

hSignal
hSignal
Entries 991
Mean 516.3
RMS 178.4
wave n. 2684
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

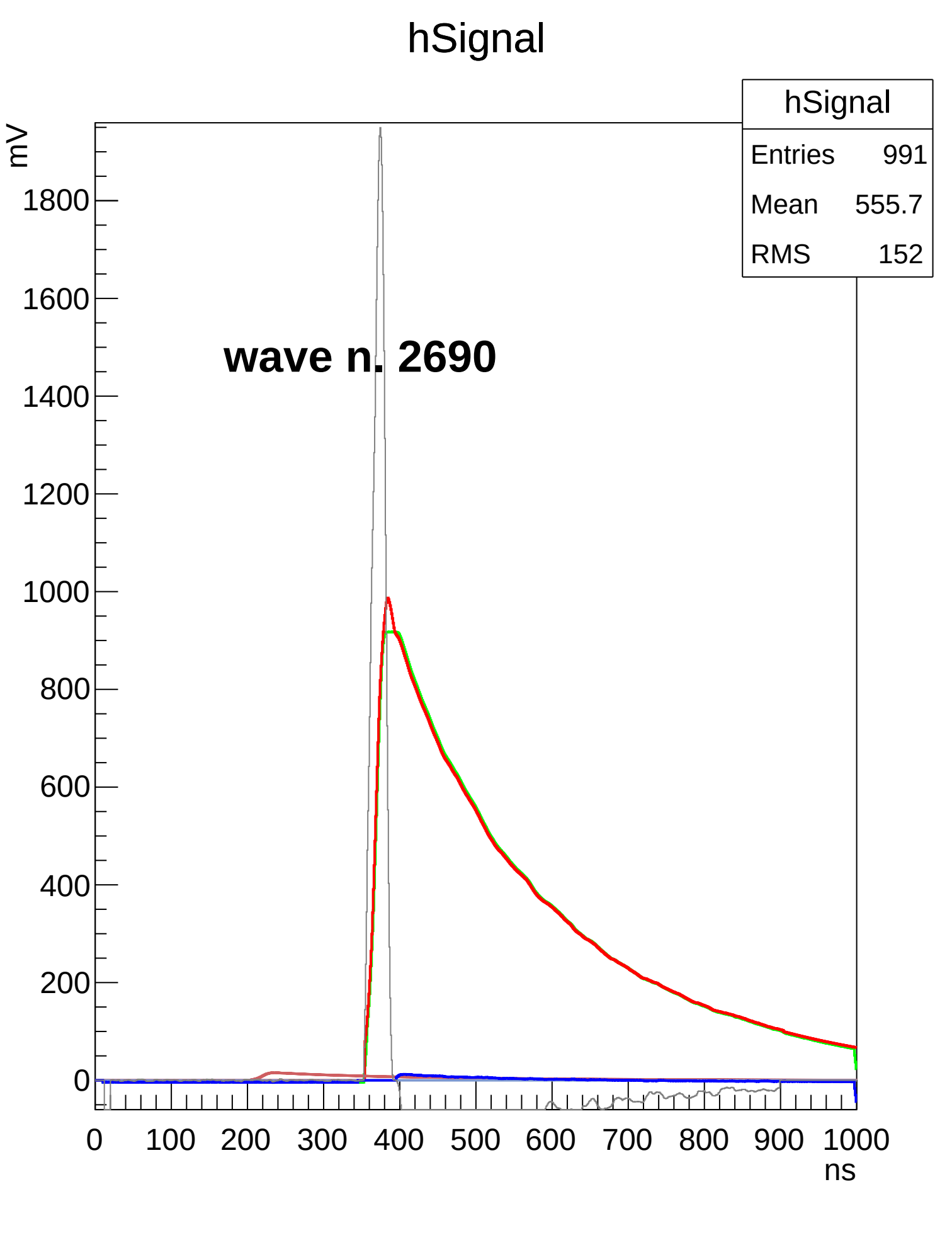

hSignal
hSignal
Entries 991
Mean 604.4
RMS 172.9
wave n. 2685
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

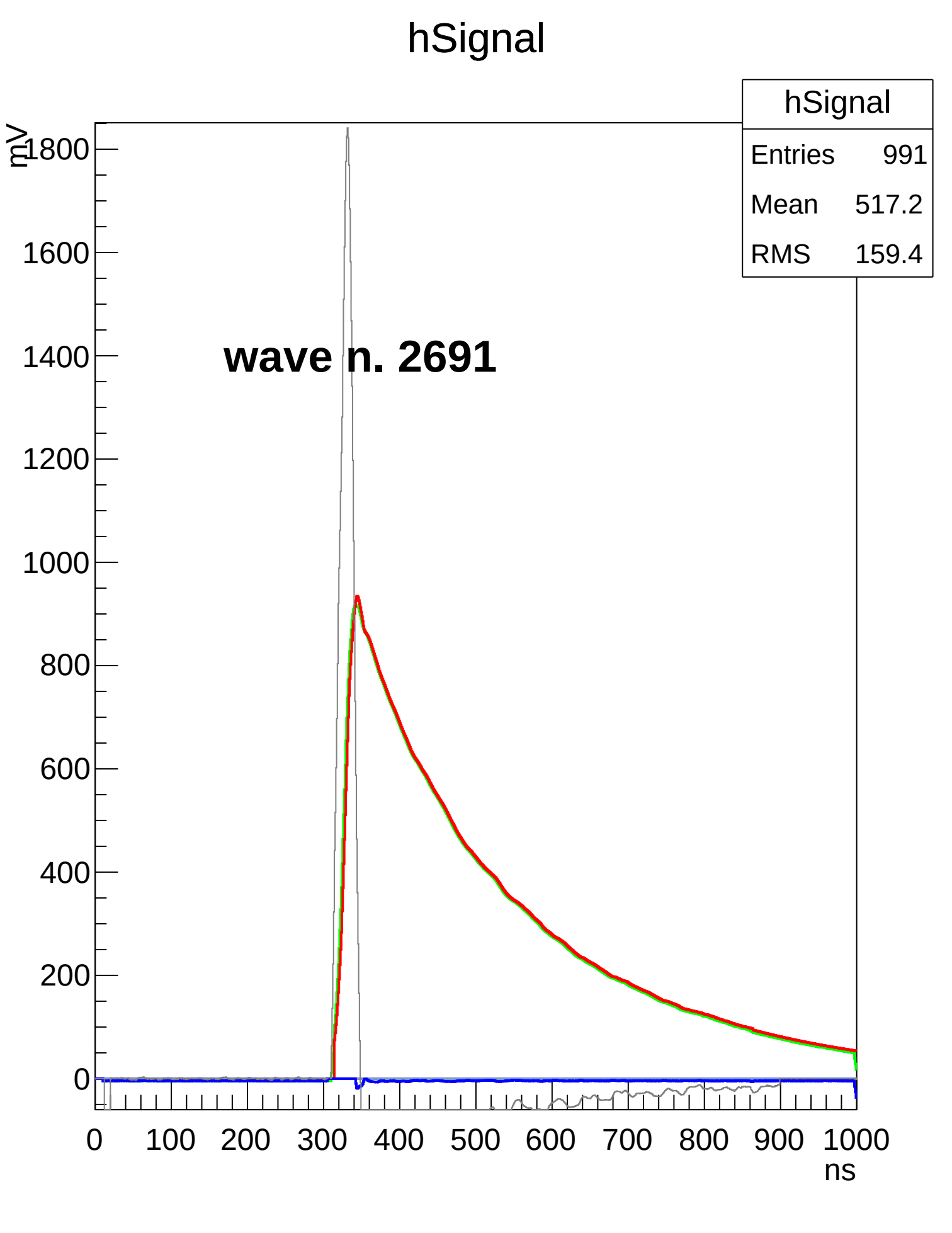

hSignal
hSignal
Entries 991
Mean 503.6
RMS 179.6
wave n. 2686
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

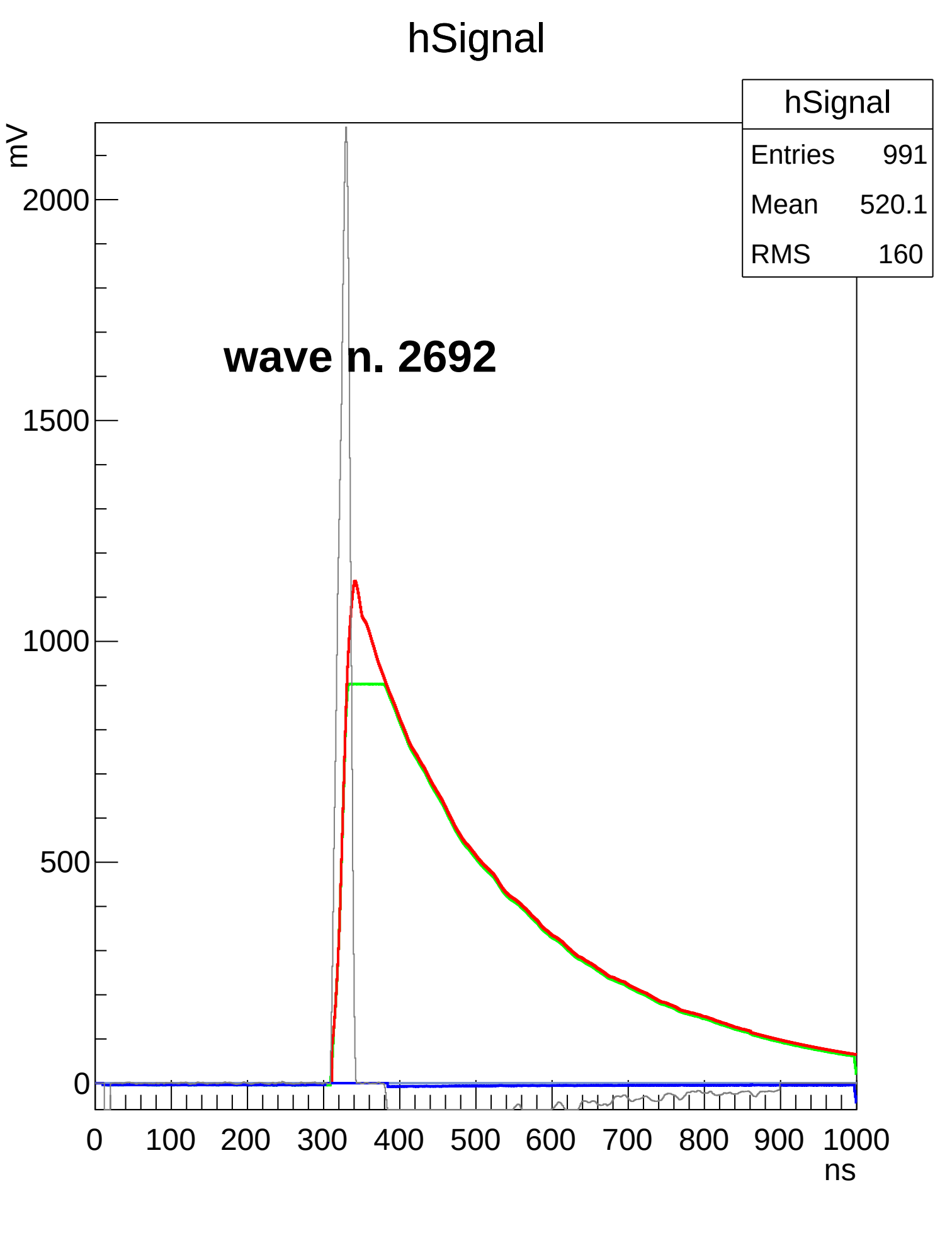

hSignal
hSignal
Entries 991
Mean 549.1
RMS 172.5
wave n. 2687
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

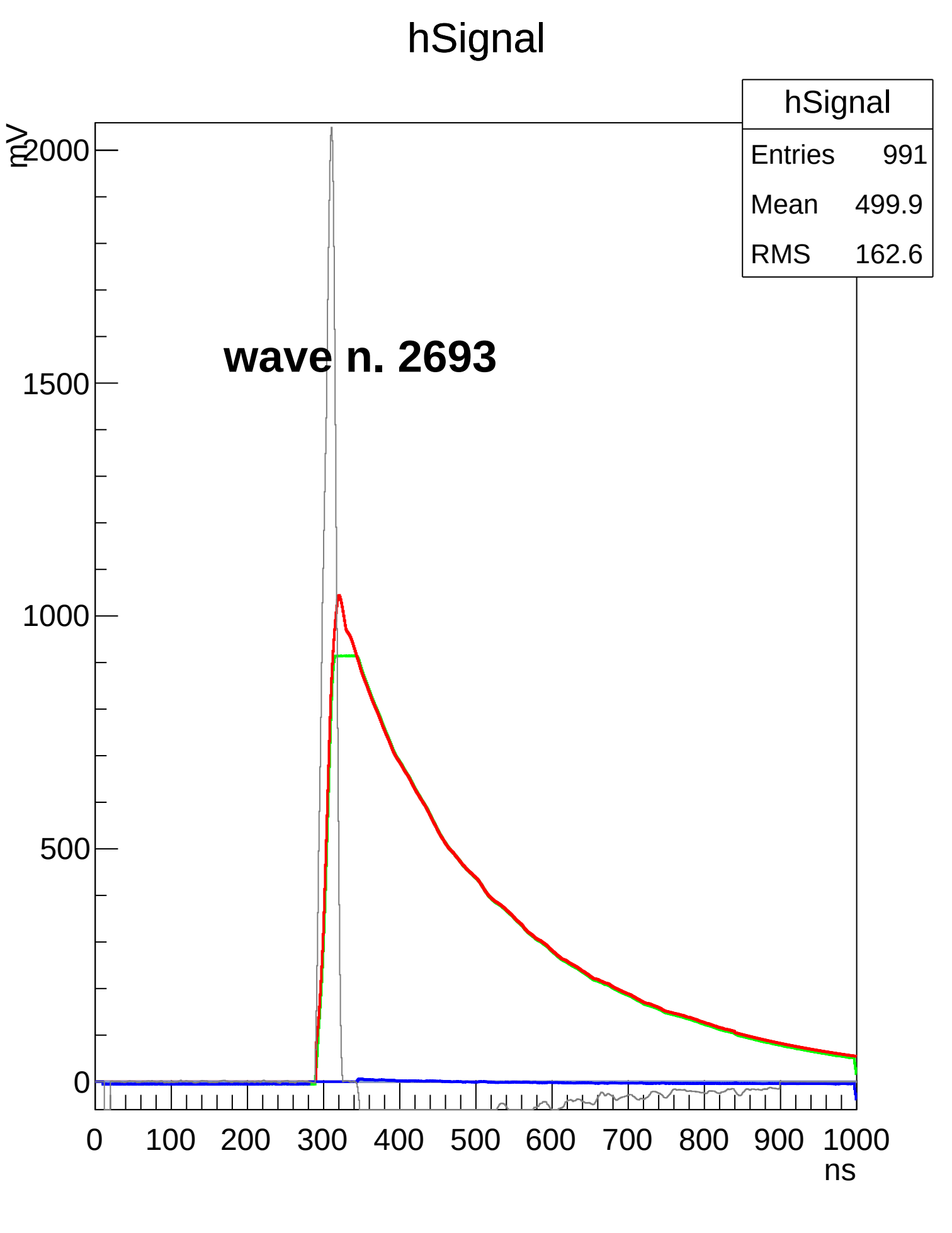

hSignal
hSignal
Entries 991
Mean 653.2
RMS 143.7
wave n. 2688
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

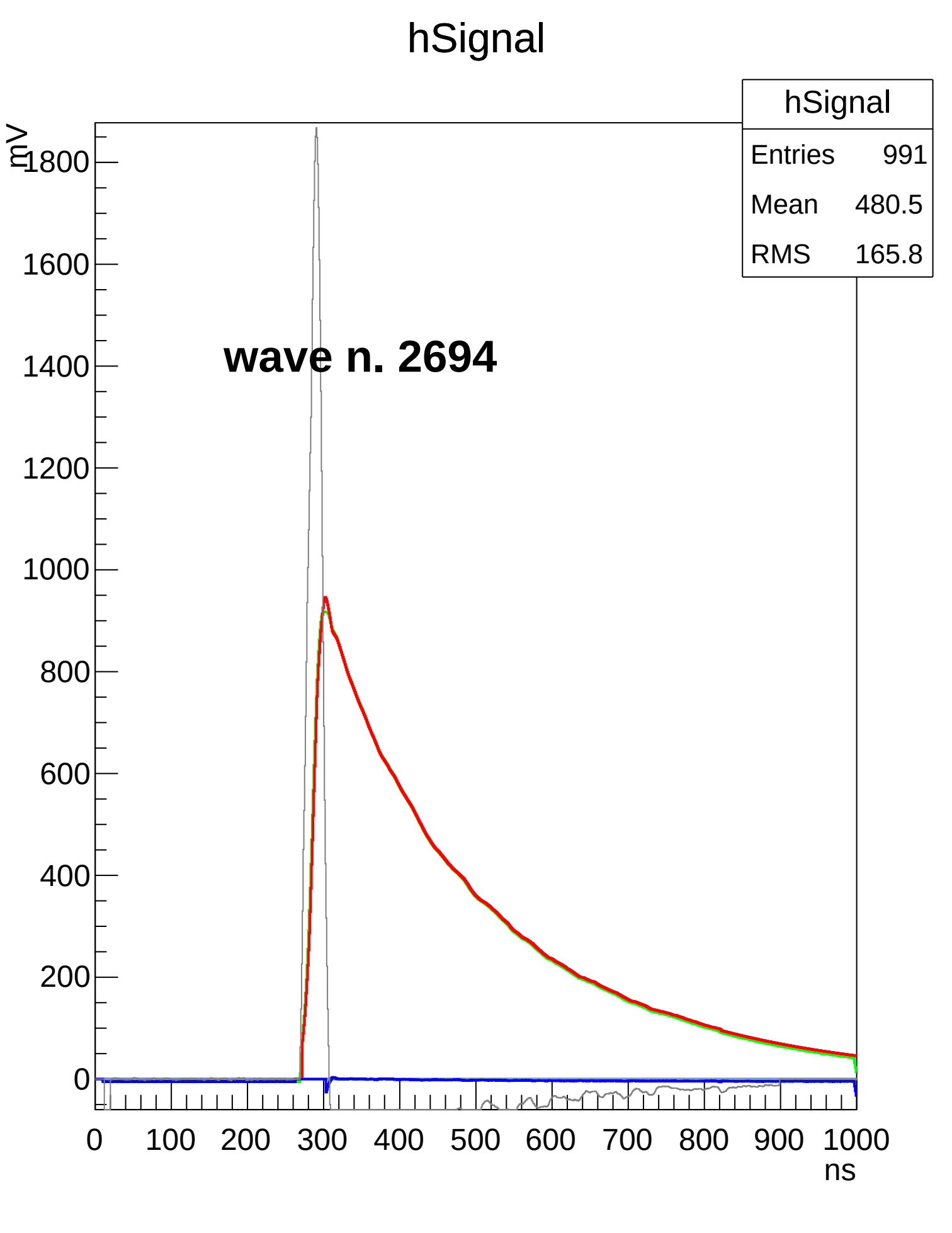

hSignal
hSignal
Entries 991
Mean 510.5
RMS 187
wave n. 2689
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

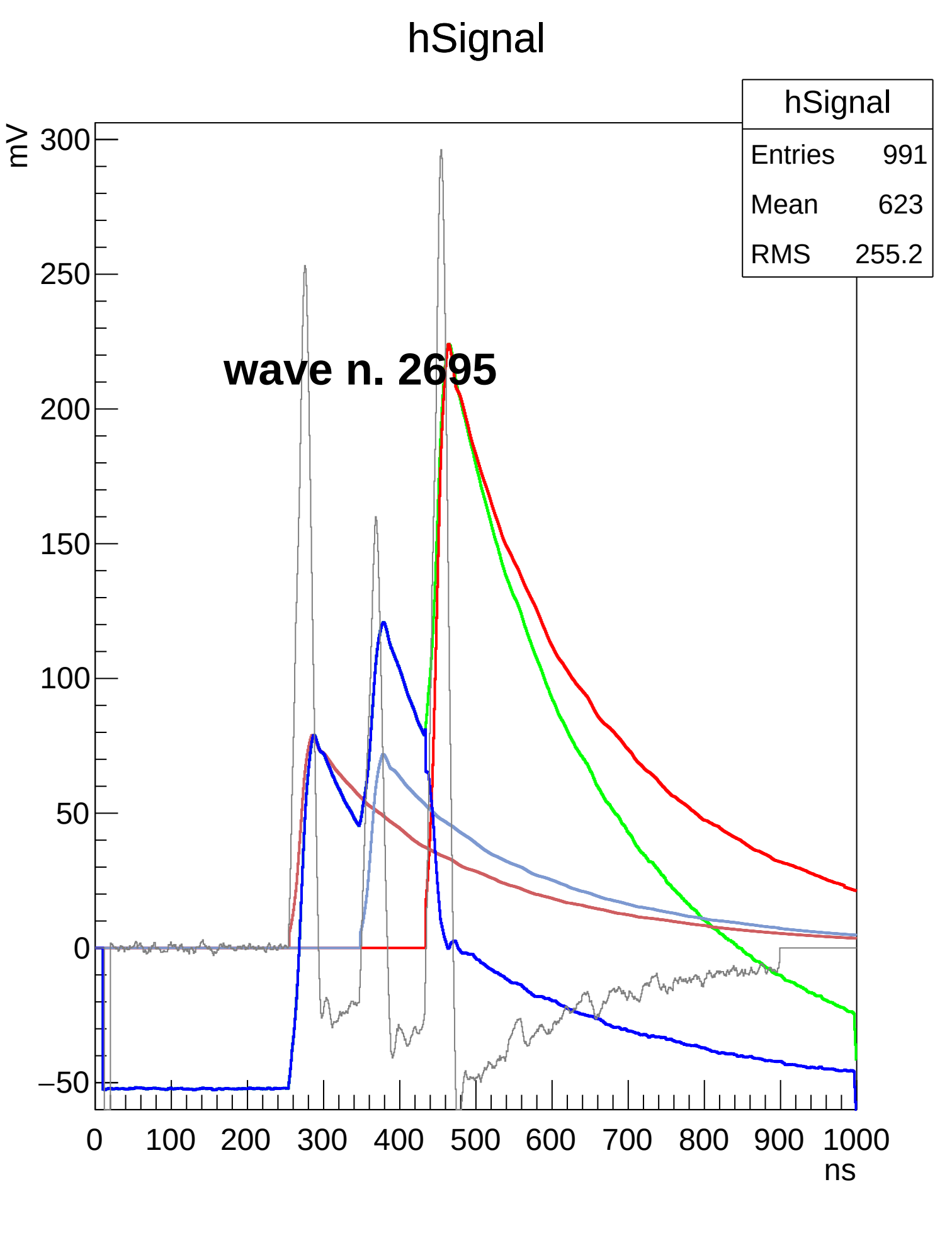

hSignal
hSignal
Entries 991
Mean 555.7
RMS 152
wave n. 2690
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

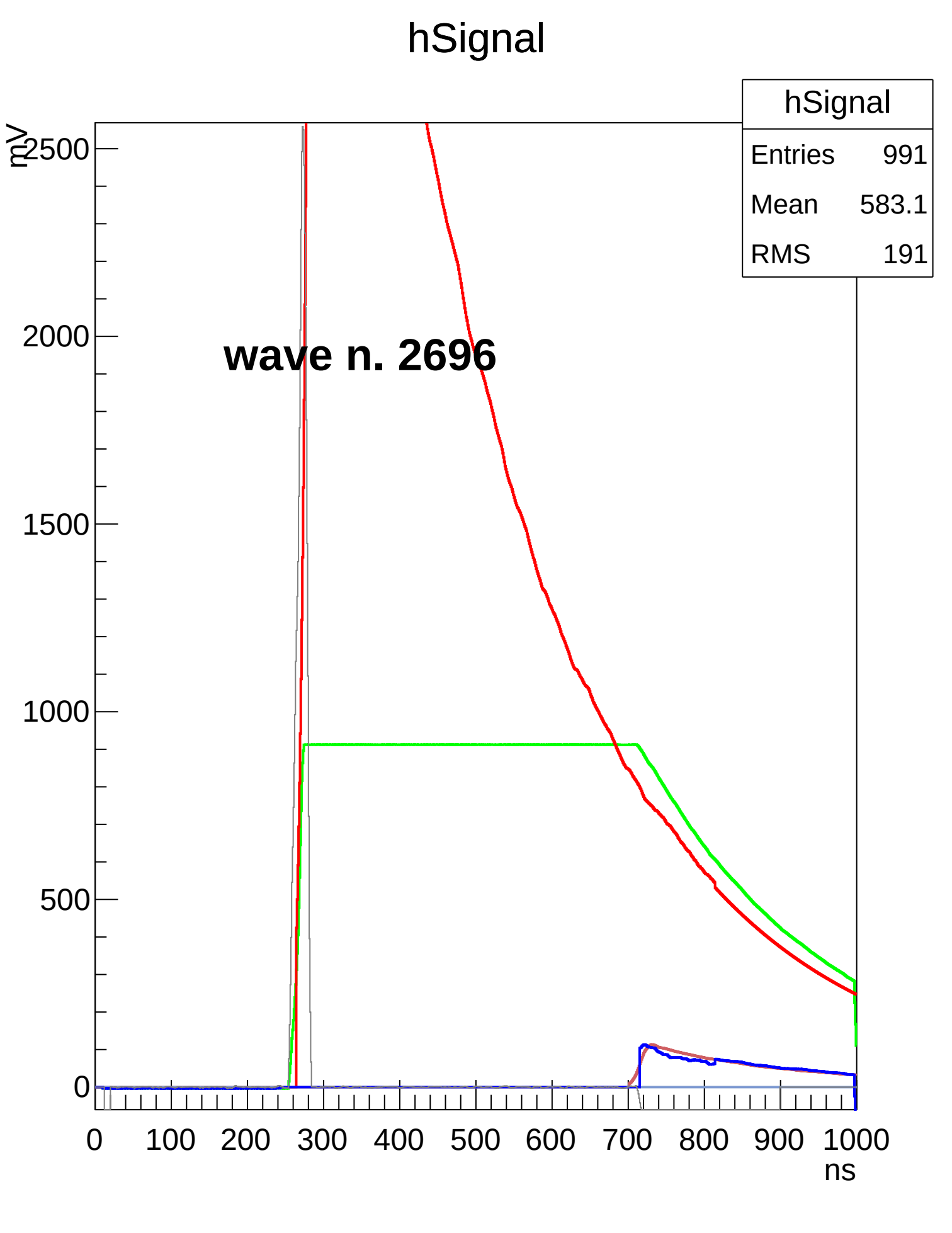

hSignal
hSignal
Entries 991
Mean 517.2
RMS 159.4
wave n. 2691
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

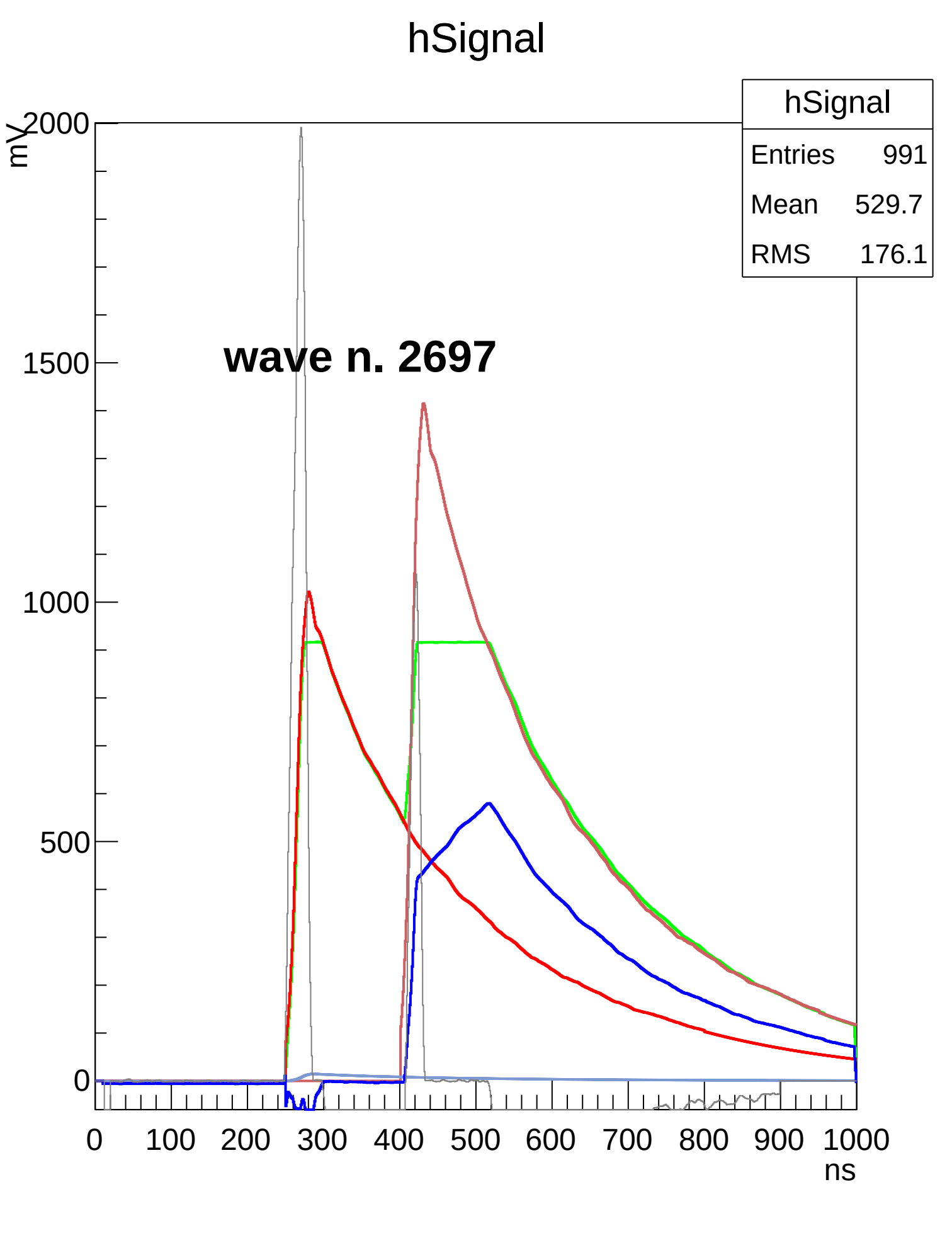

hSignal
hSignal
Entries 991
Mean 520.1
RMS 160
wave n. 2692
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

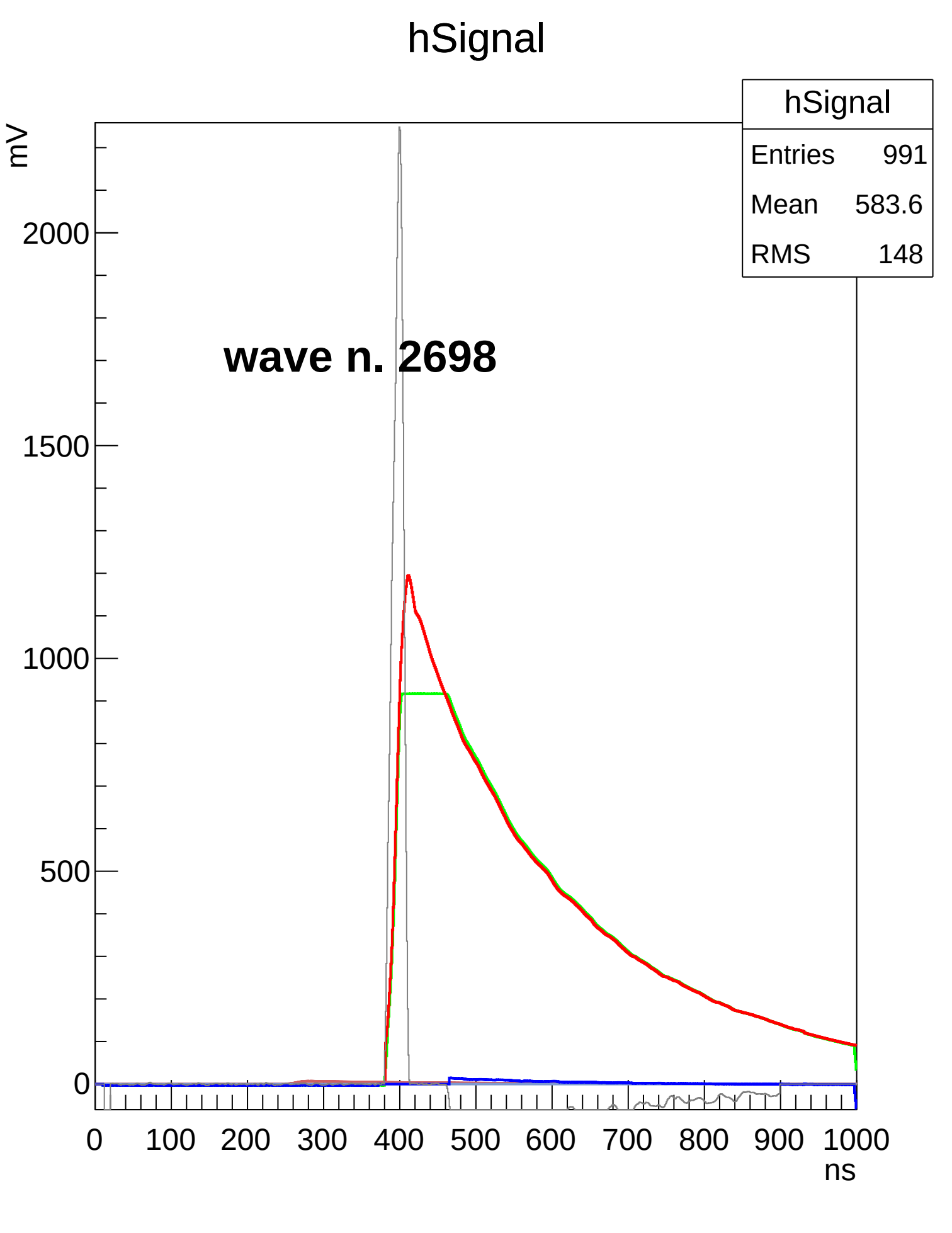

hSignal
hSignal
Entries 991
Mean 499.9
RMS 162.6
wave n. 2693
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

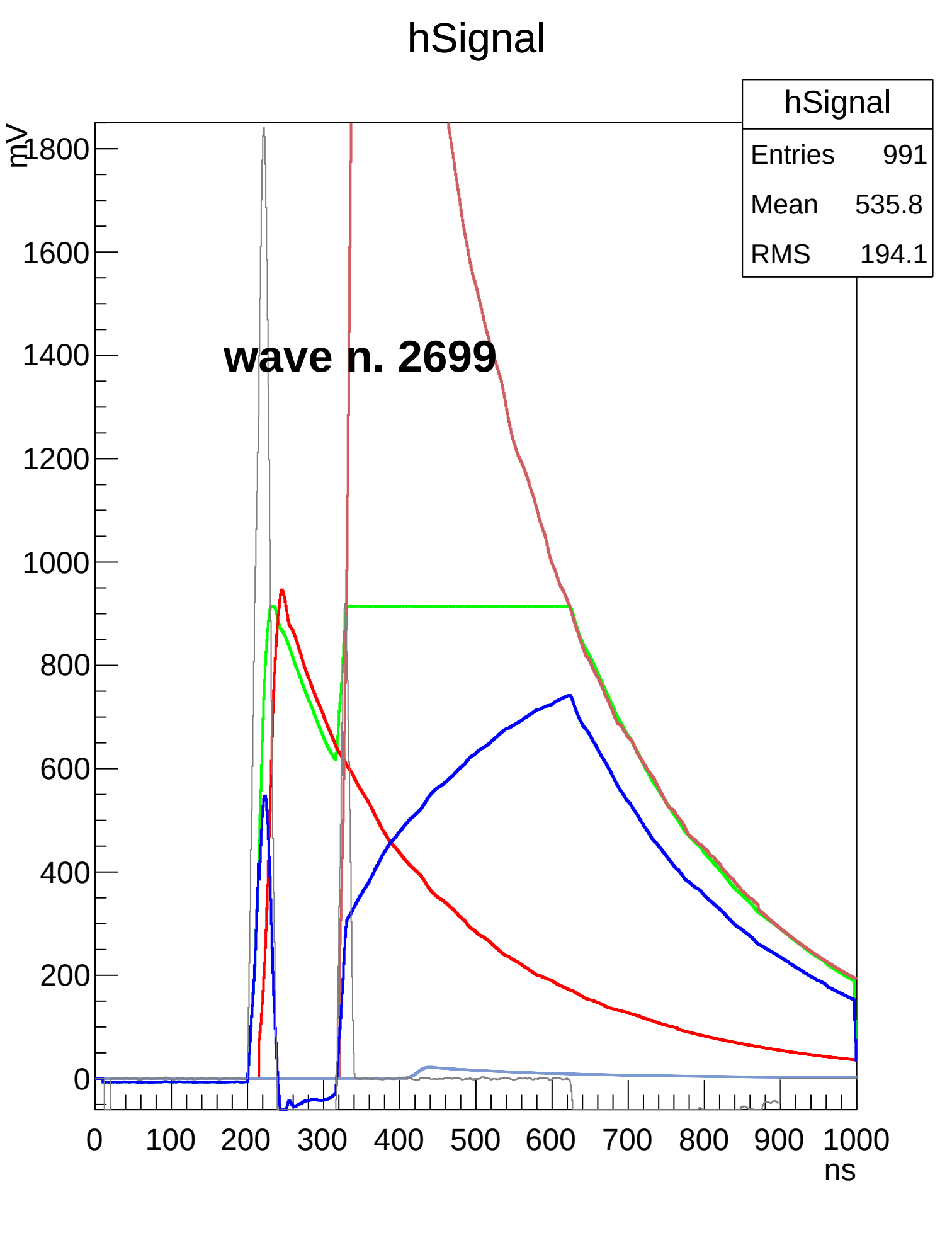

hSignal
hSignal
Entries 991
Mean 480.5
RMS 165.8
wave n. 2694
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

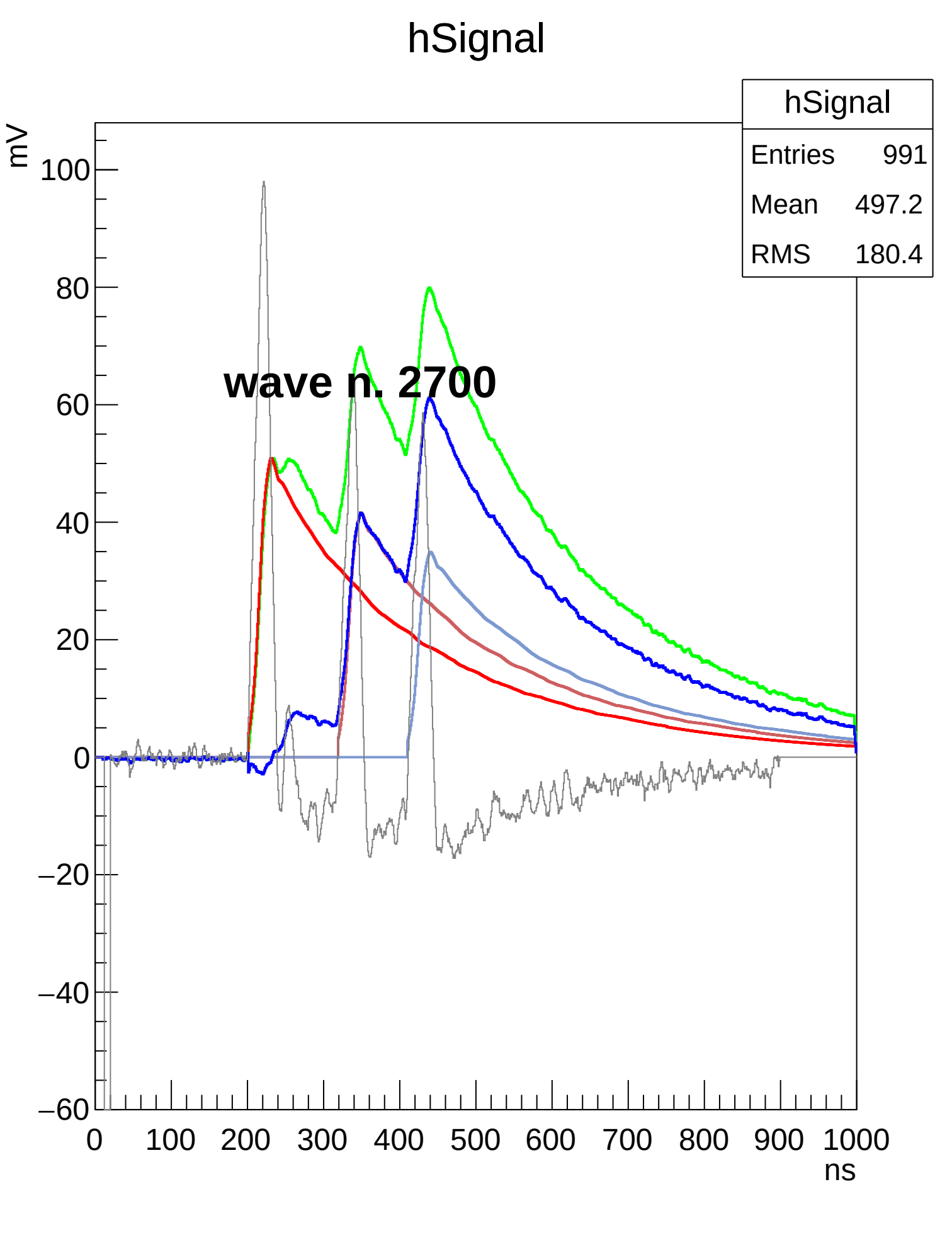

hSignal
hSignal
Entries 991
Mean 623
RMS 255.2
wave n. 2695
mV
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

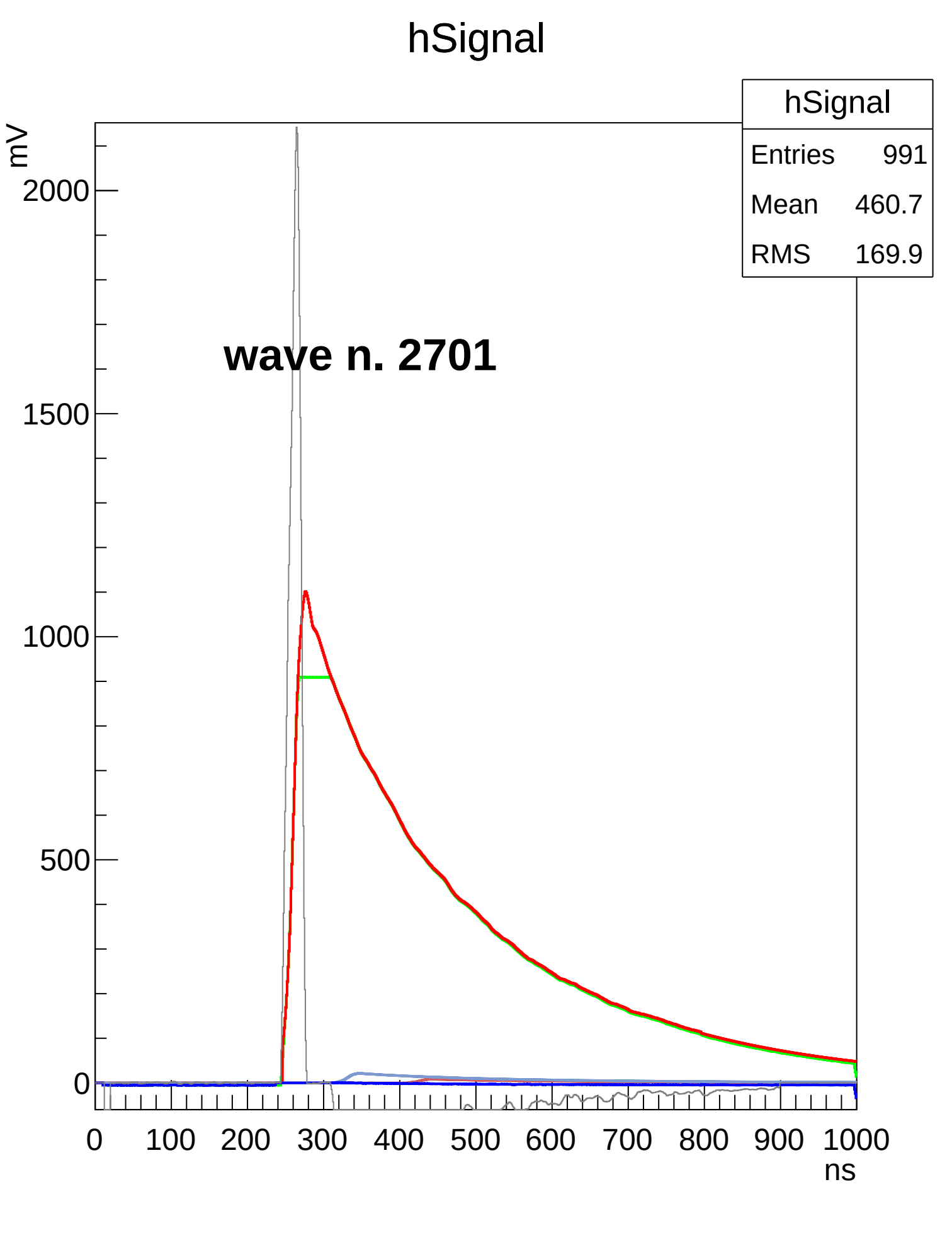

hSignal
hSignal
Entries 991
Mean 583.1
RMS 191
wave n. 2696
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

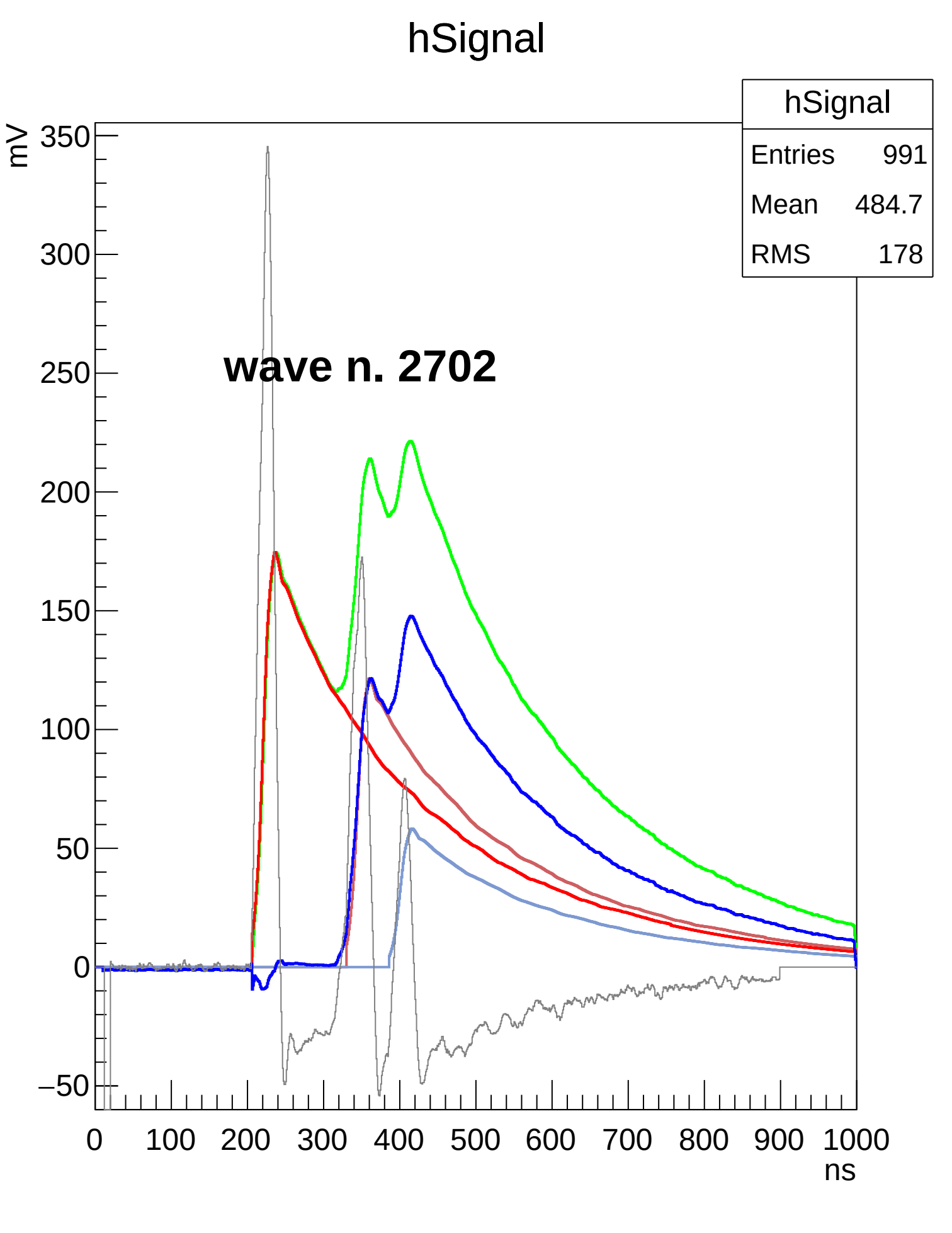

hSignal
hSignal
Entries 991
Mean 529.7
RMS 176.1
wave n. 2697
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

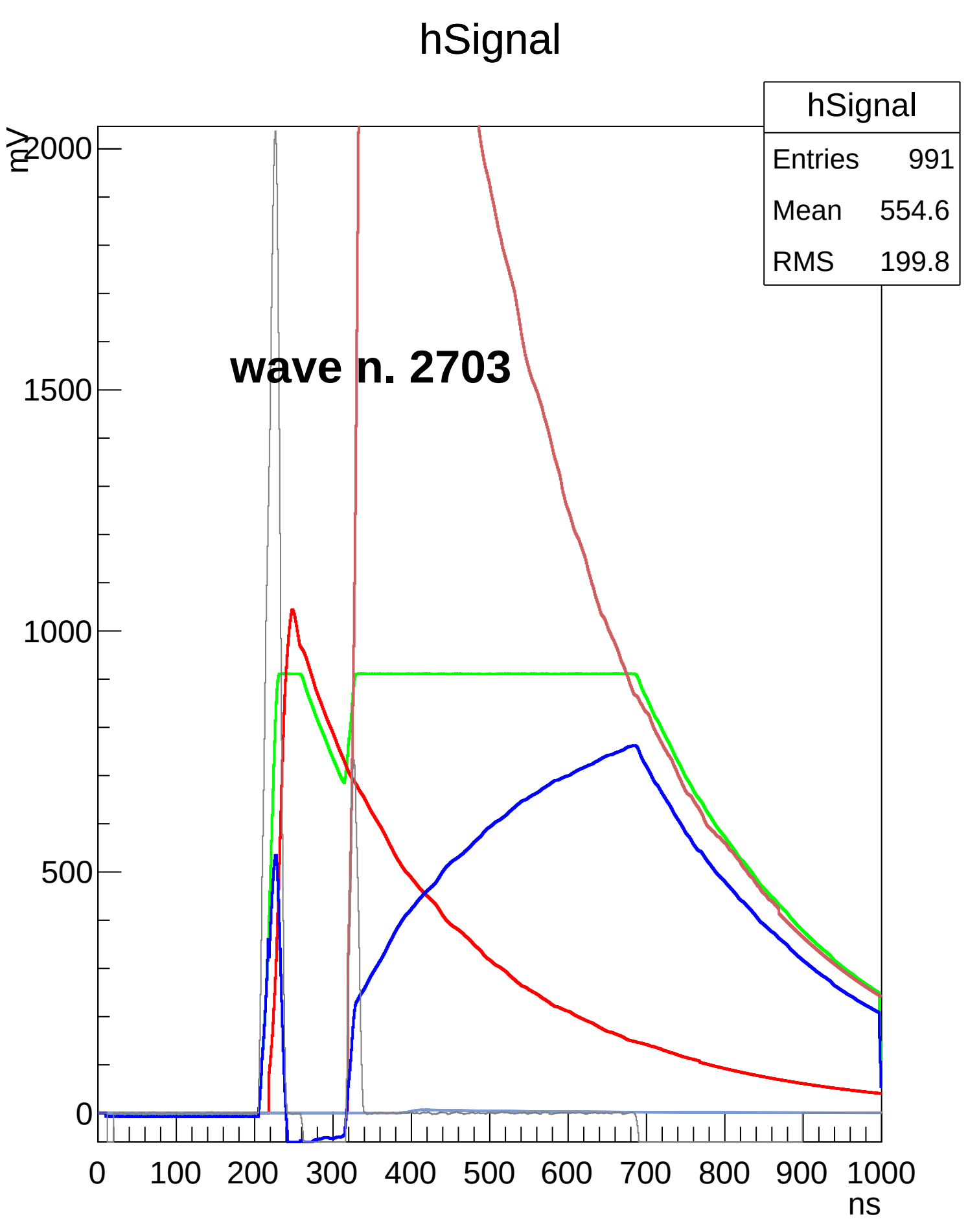

hSignal
hSignal
Entries 991
Mean 583.6
RMS 148
wave n. 2698
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

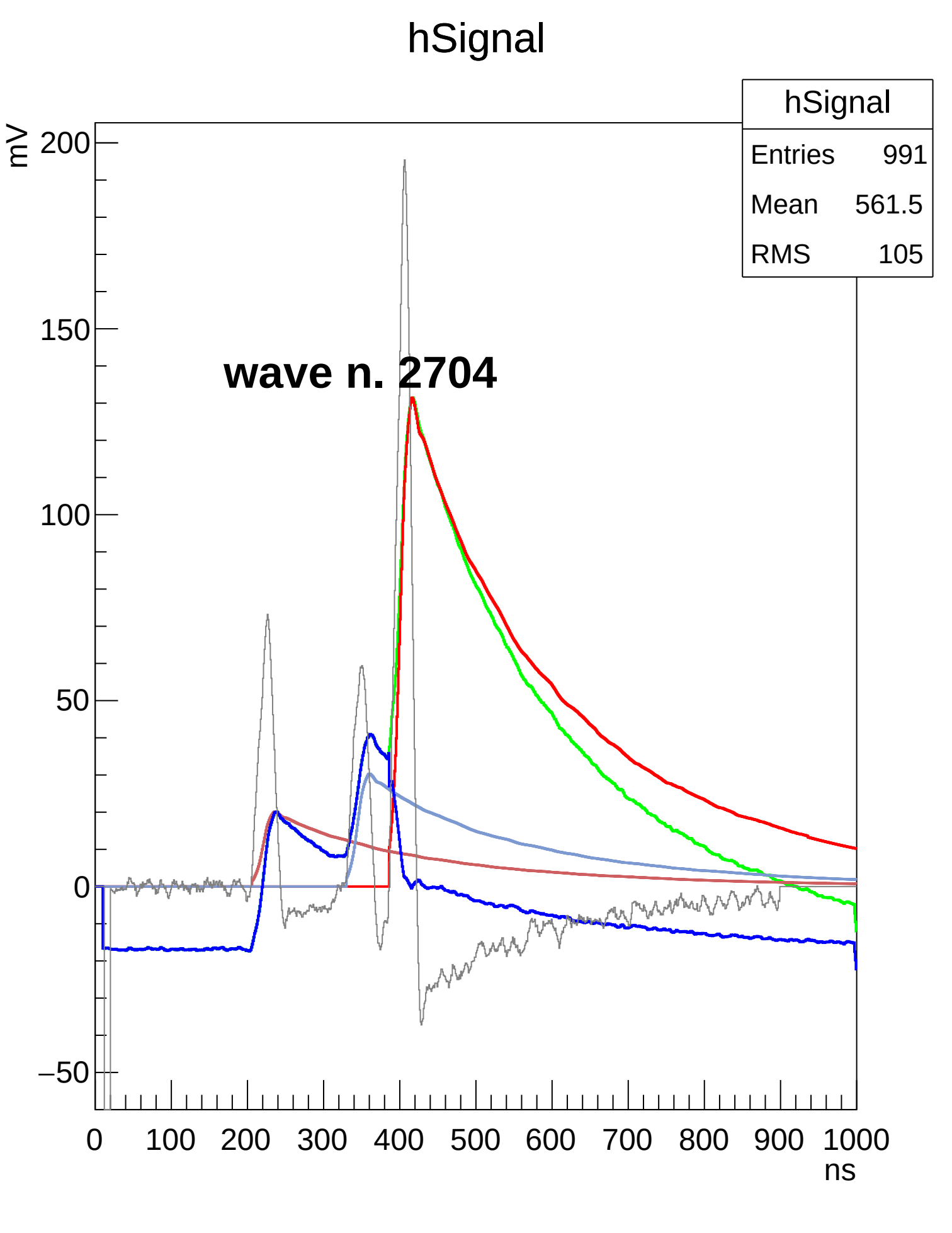

hSignal
hSignal
Entries 991
Mean 535.8
RMS 194.1
wave n. 2699
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 497.2
RMS 180.4
wave n. 2700
mV
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 460.7
RMS 169.9
wave n. 2701
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 484.7
RMS 178
wave n. 2702
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 554.6
RMS 199.8
wave n. 2703
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.5
RMS 105
wave n. 2704
mV
200
150
100
50
0
−50
0
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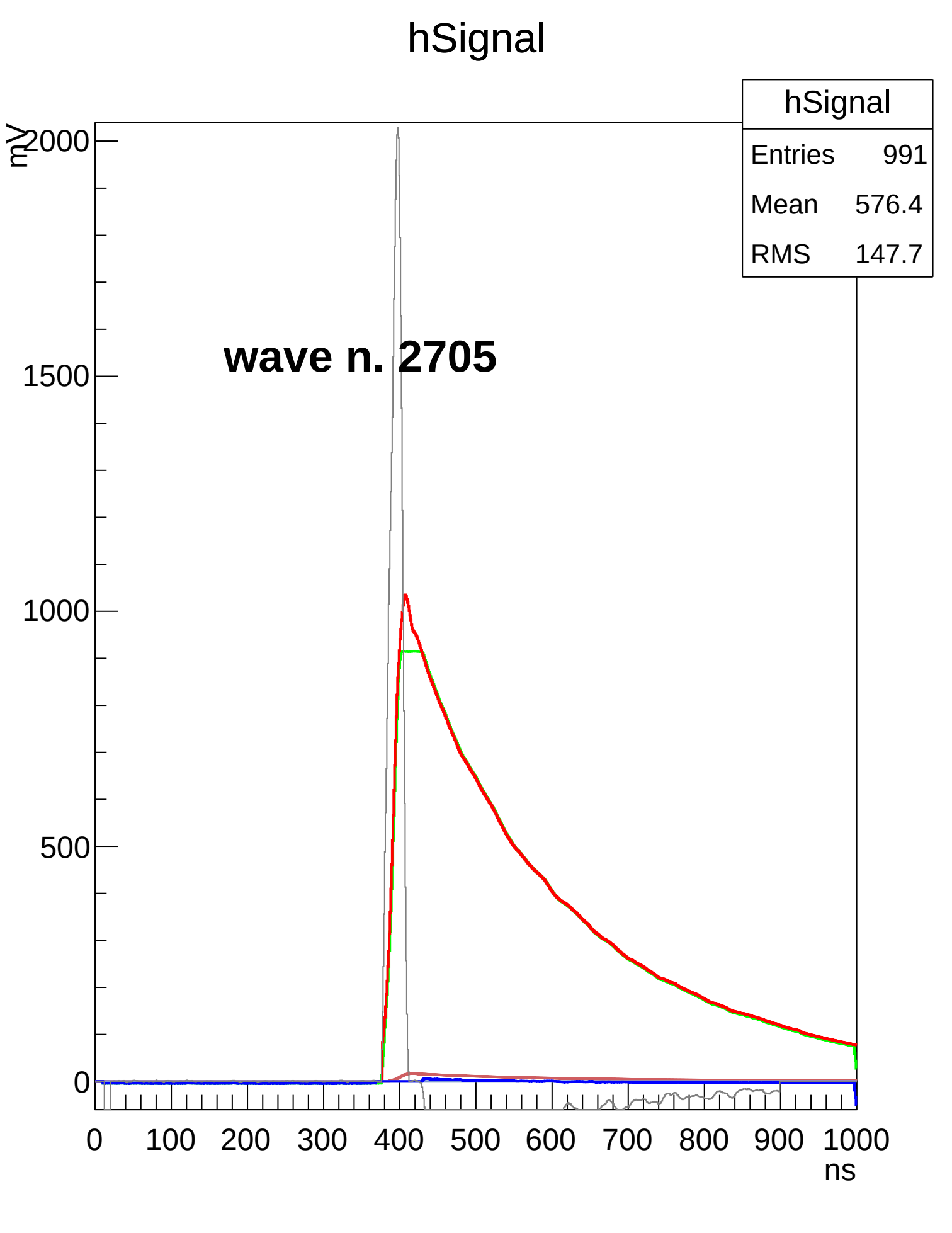
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576.4
RMS 147.7
wave n. 2705
mV
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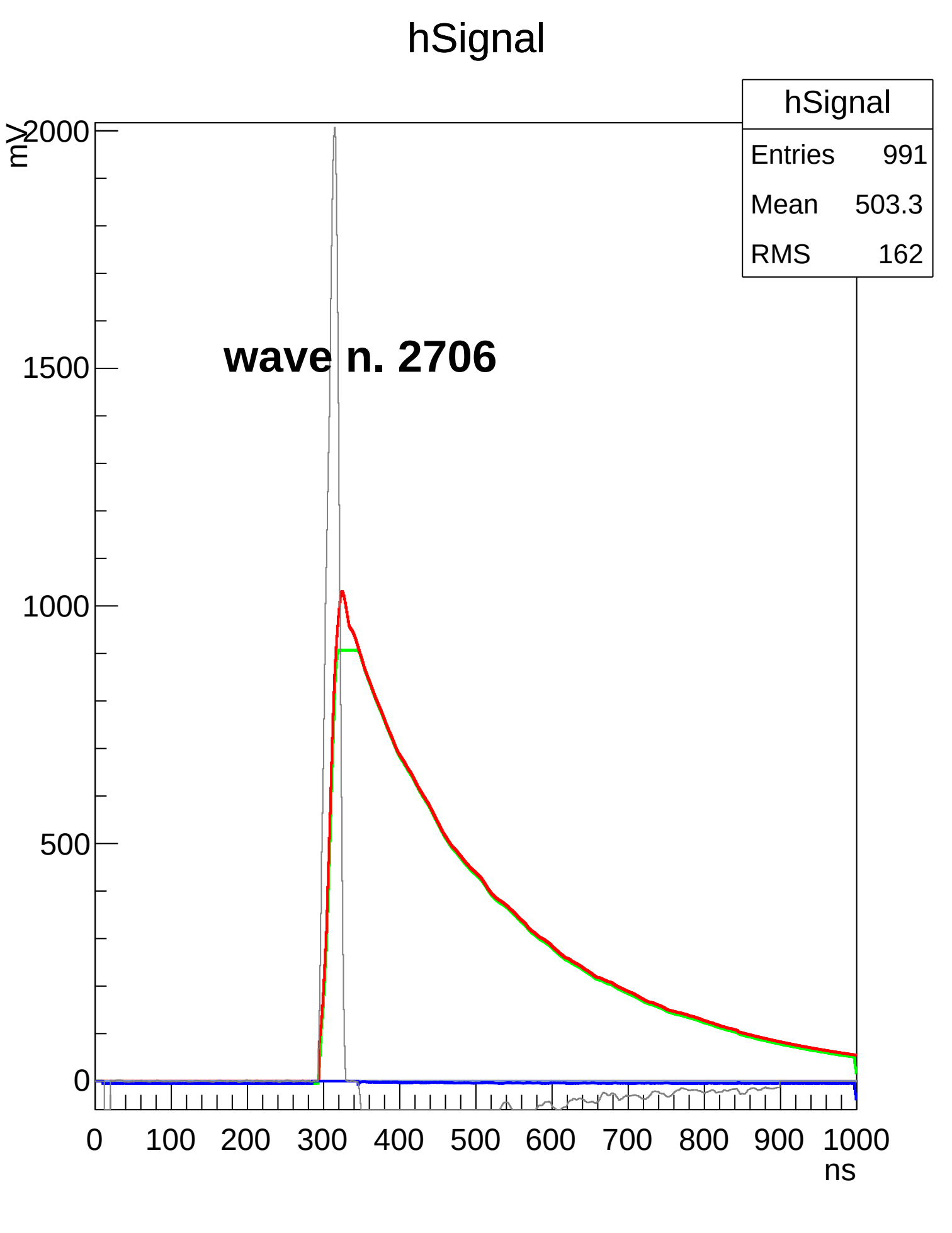
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.3
RMS 162
wave n. 2706
mV
2000
1500
1000
500
0
0
100
200
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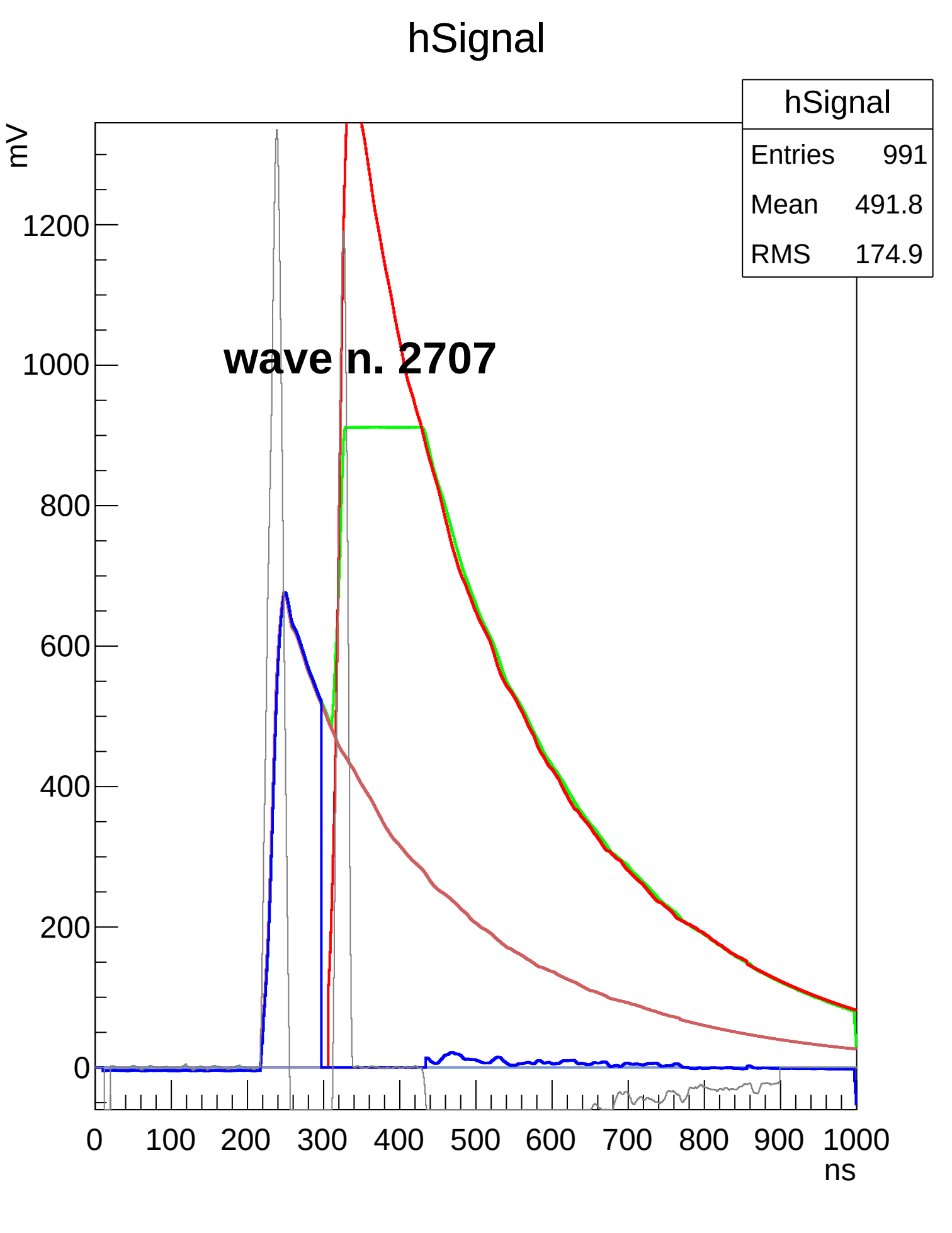
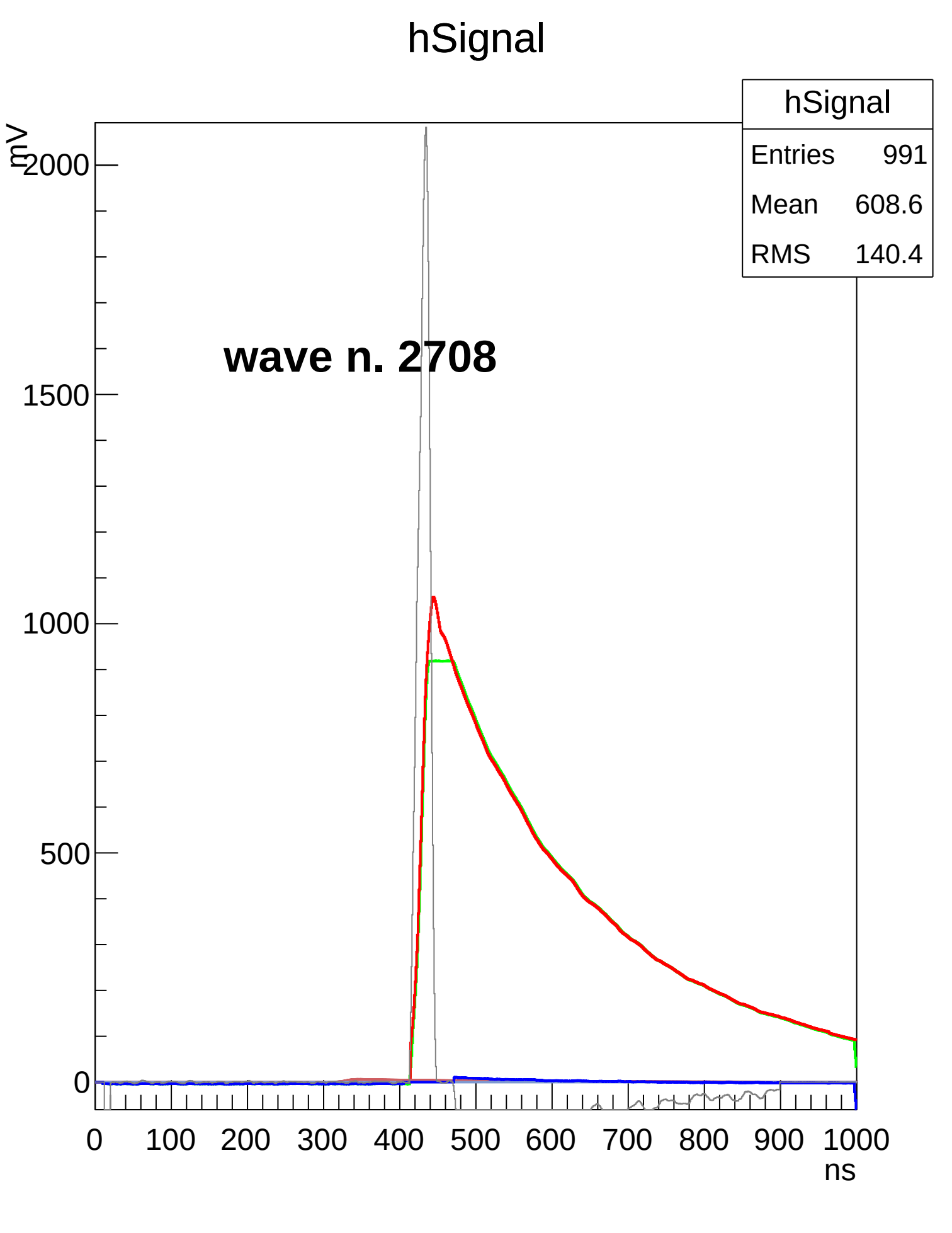
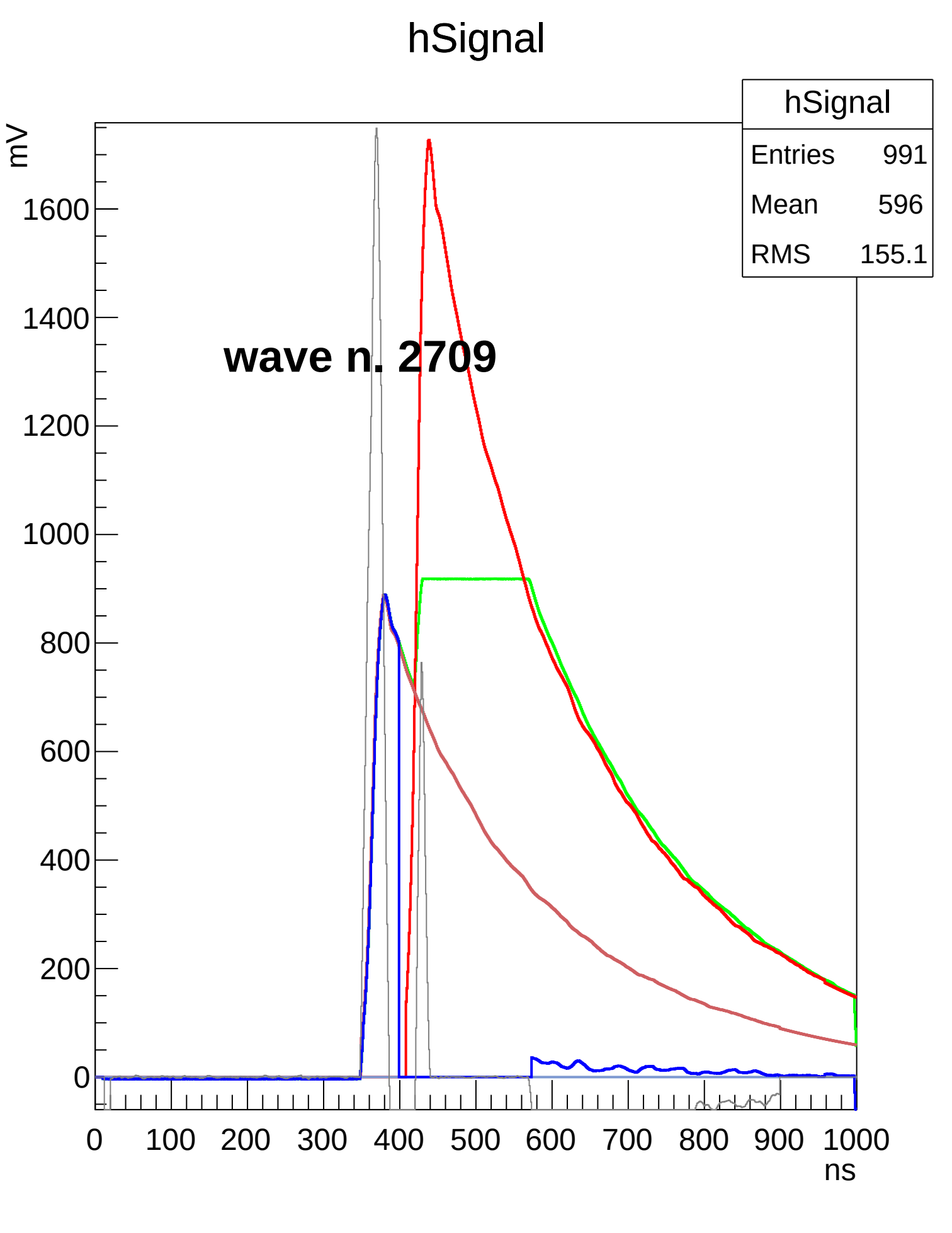
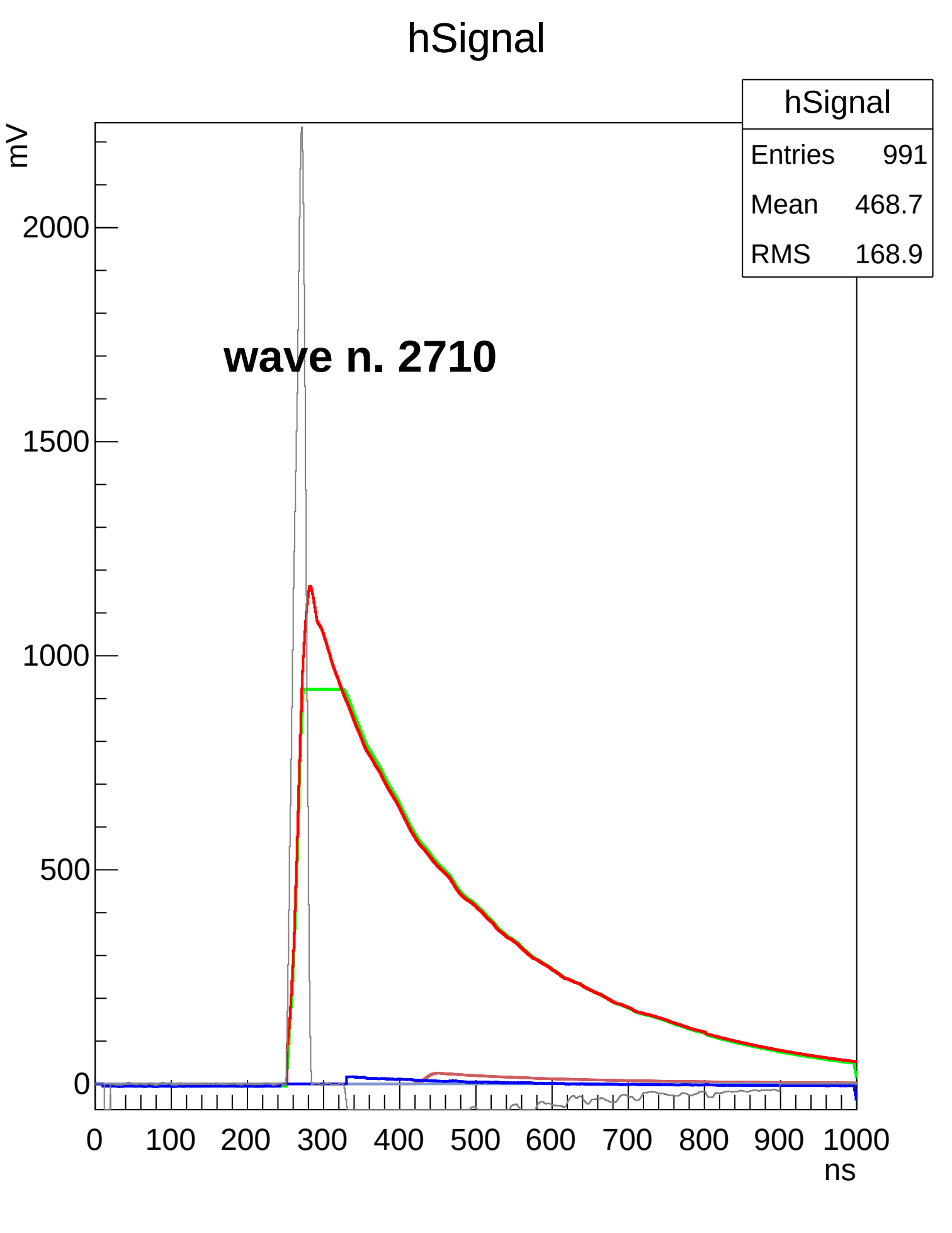
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 491.8
RMS 174.9
wave n. 2707
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 608.6
RMS 140.4
wave n. 2708
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 596
RMS 155.1
wave n. 2709
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 468.7
RMS 168.9
wave n. 2710
mV
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1500
1000
500
0
0
100
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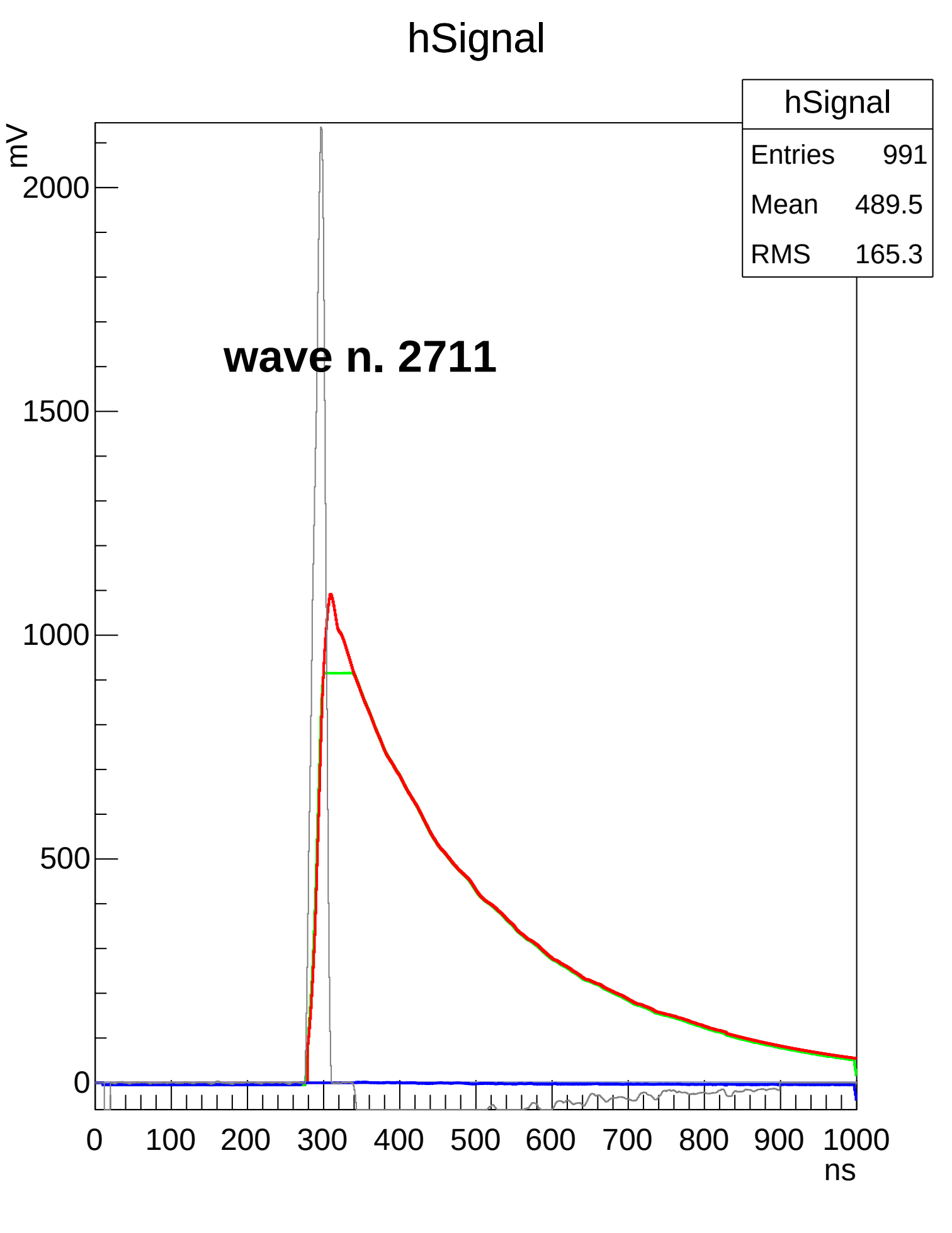
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 489.5
RMS 165.3
wave n. 2711
mV
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1500
1000
500
0
0
100
200
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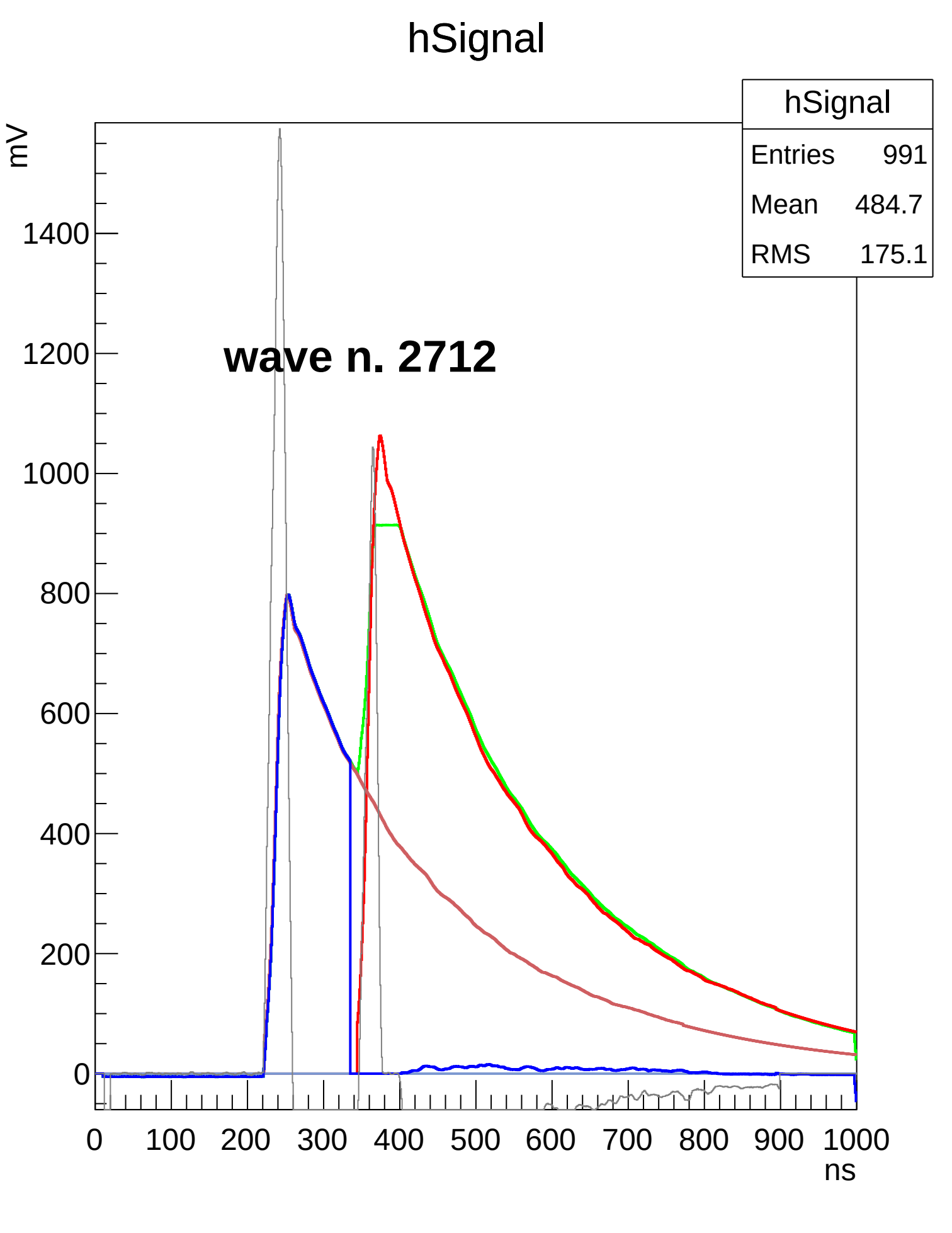
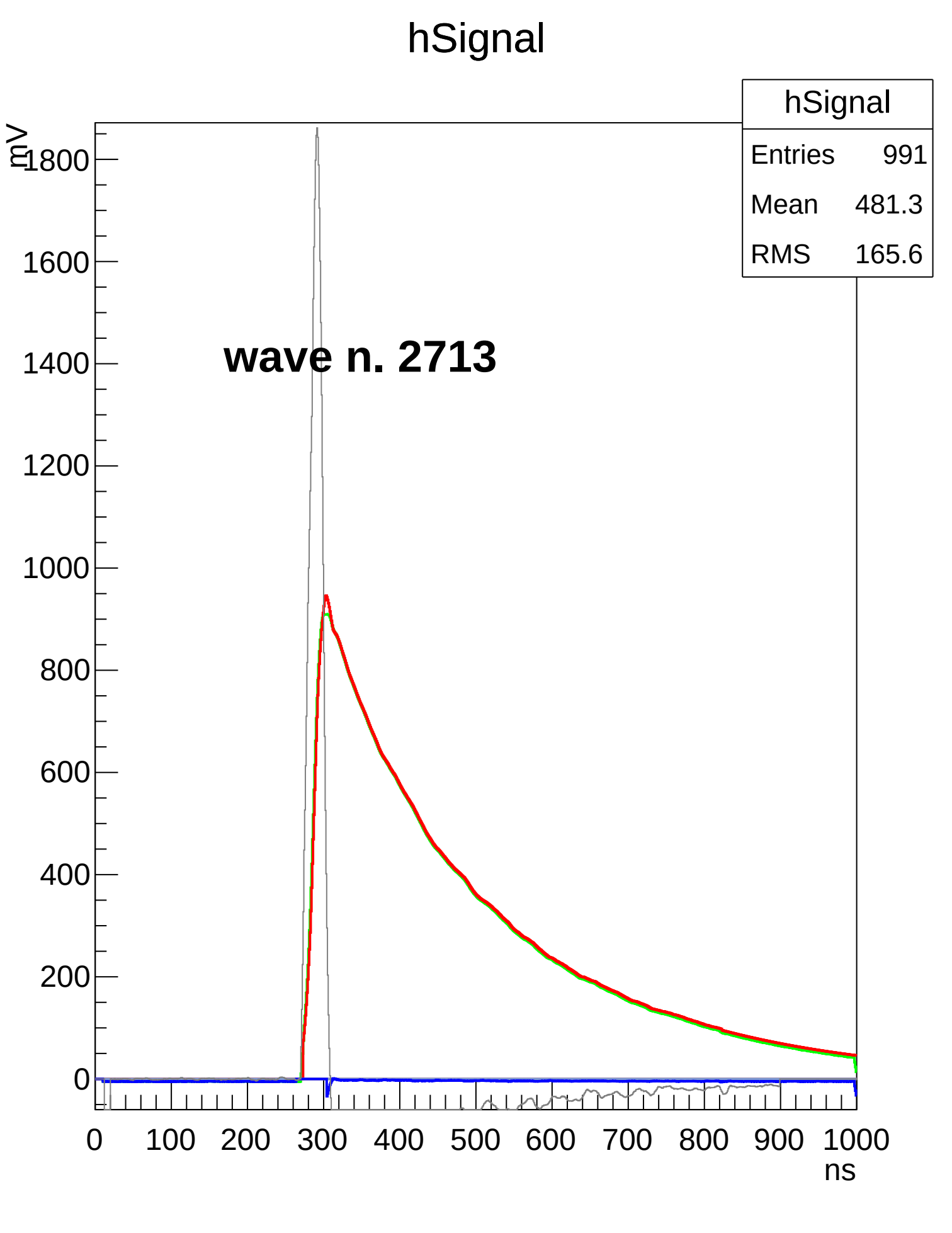
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 484.7
RMS 175.1
wave n. 2712
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 481.3
RMS 165.6
wave n. 2713
mV
1800
1600
1400
1200
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800
600
400
200
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0
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200
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400
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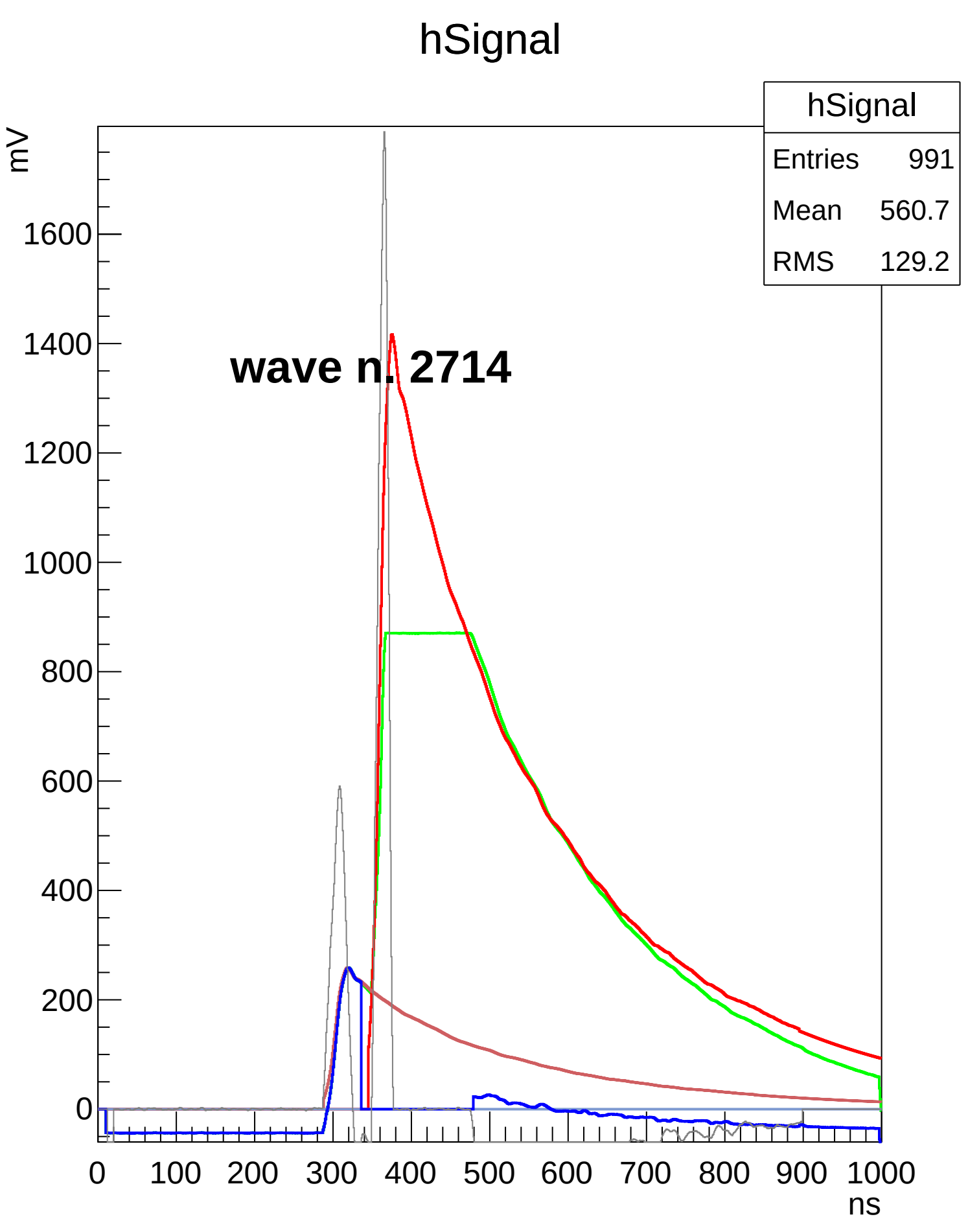
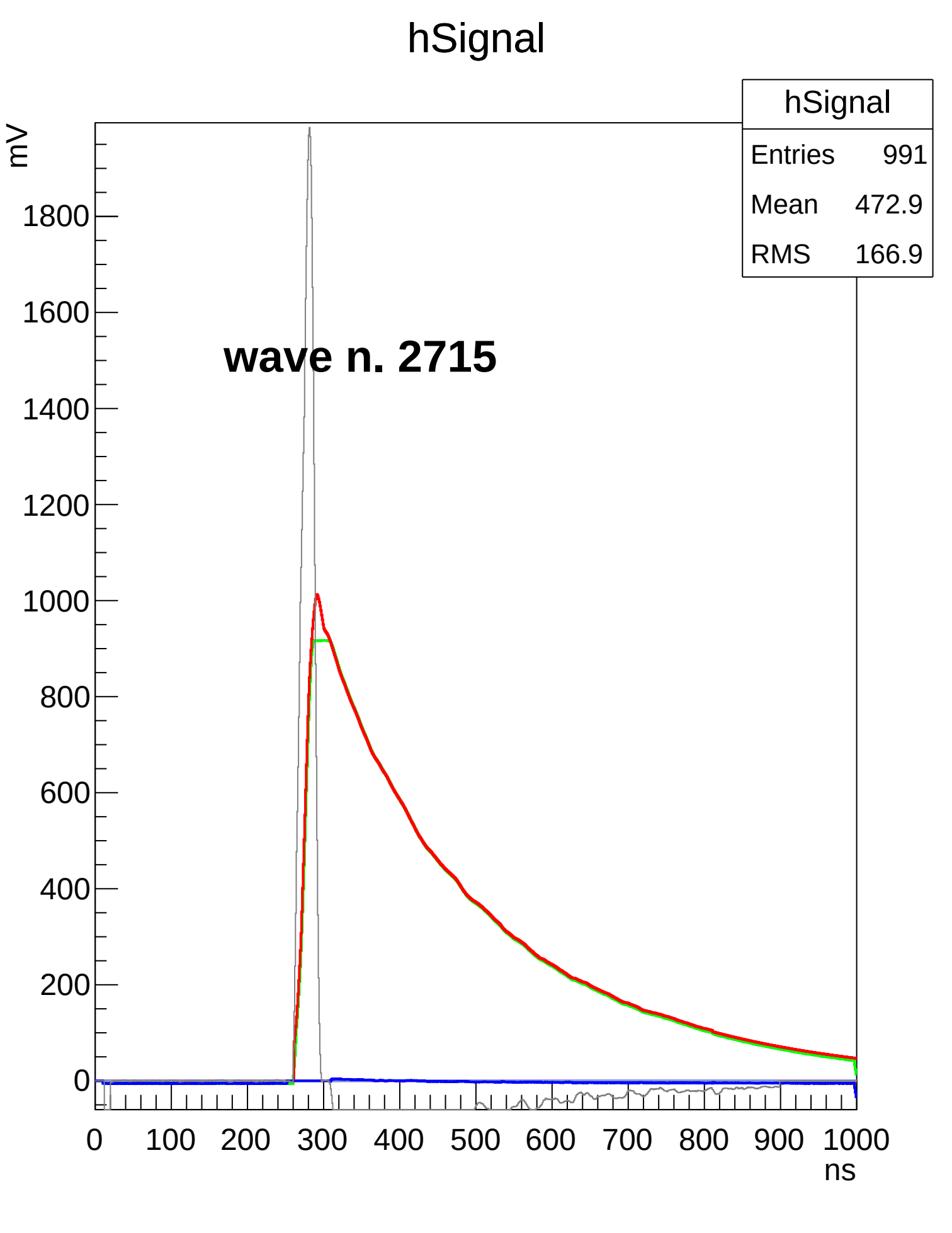
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.7
RMS 129.2
wave n. 2714
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 472.9
RMS 166.9
wave n. 2715
mV
1800
1600
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600
400
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0
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200
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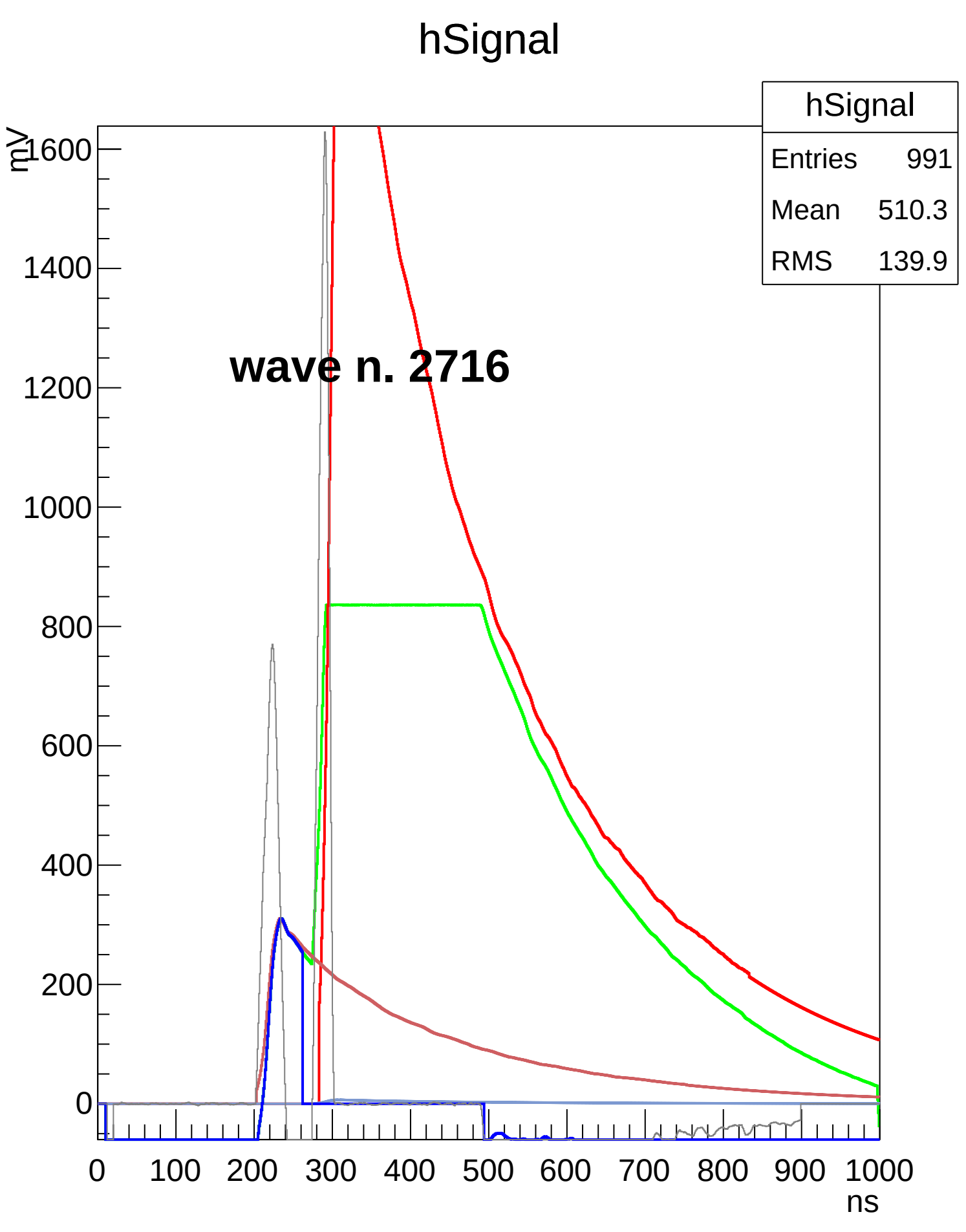
1000
ns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hSignal
Entries 991
Mean 510.3
RMS 139.9
wave n. 2716
mV
1600
1400
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600
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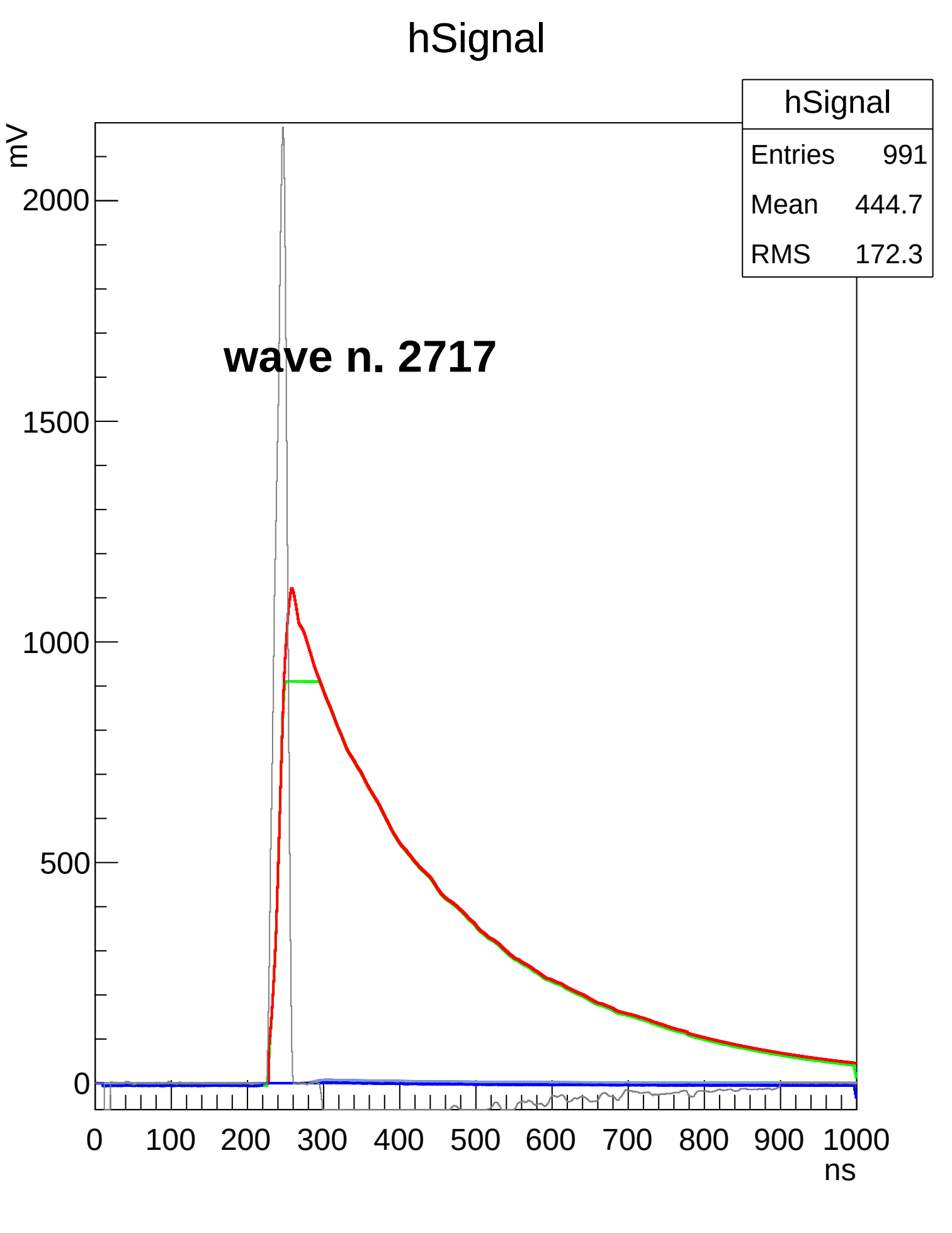
1000
ns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hSignal
Entries 991
Mean 444.7
RMS 172.3
wave n. 2717
mV
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1000
500
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0
100
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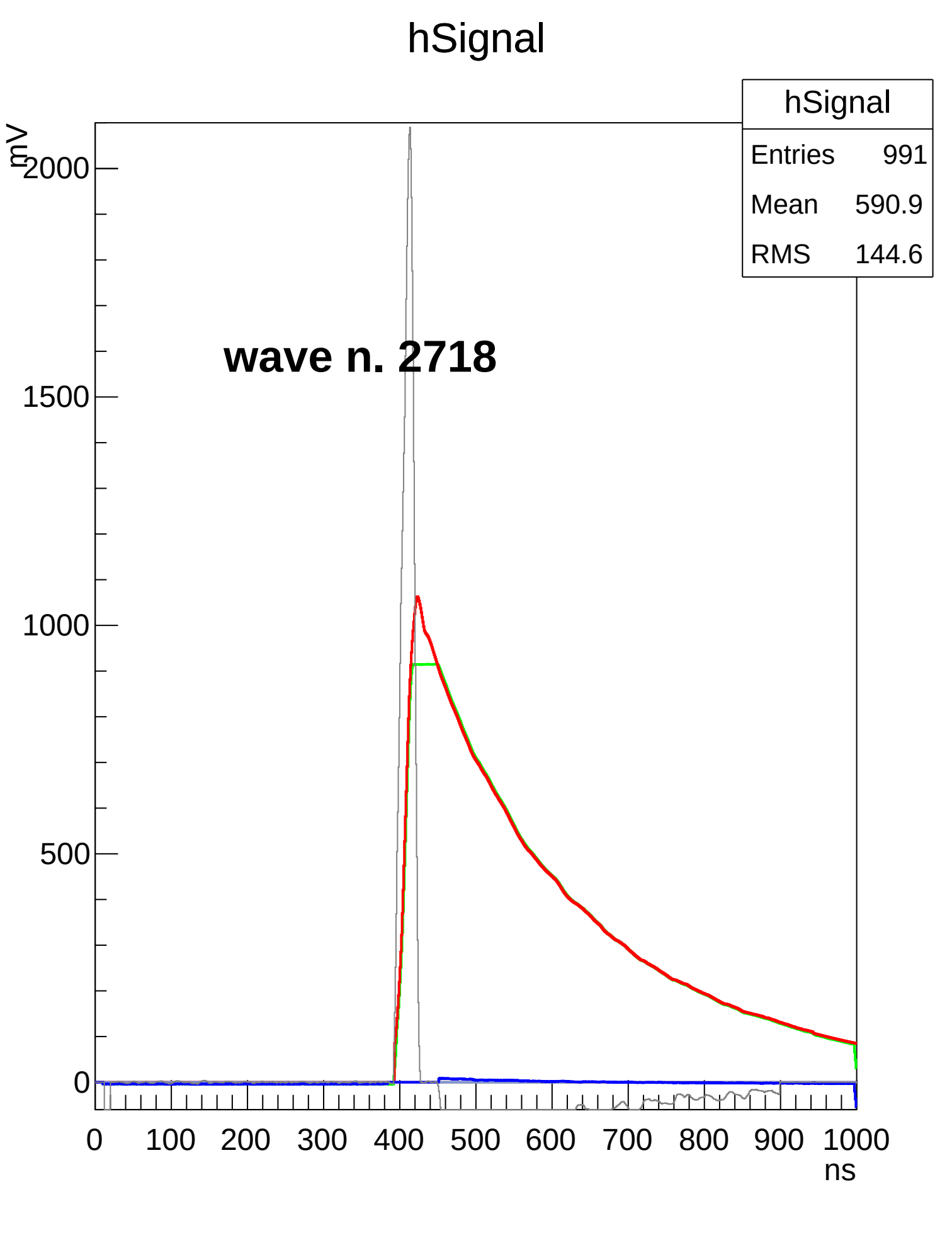
800
900
1000
ns


hSignal
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Mean 590.9
RMS 144.6
wave n. 2718
mV
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500
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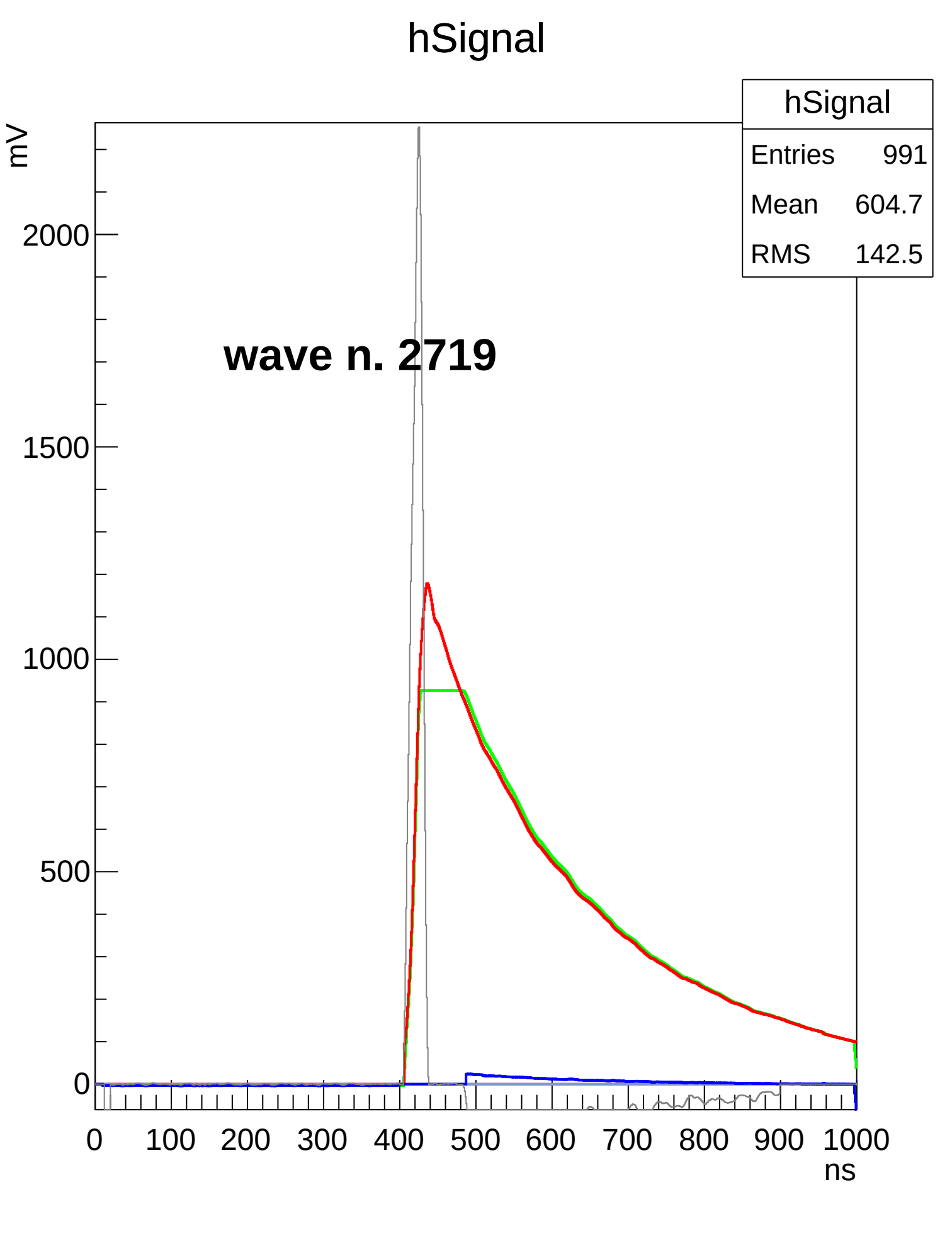
ns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Entries 991
Mean 604.7
RMS 142.5
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500
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0
100
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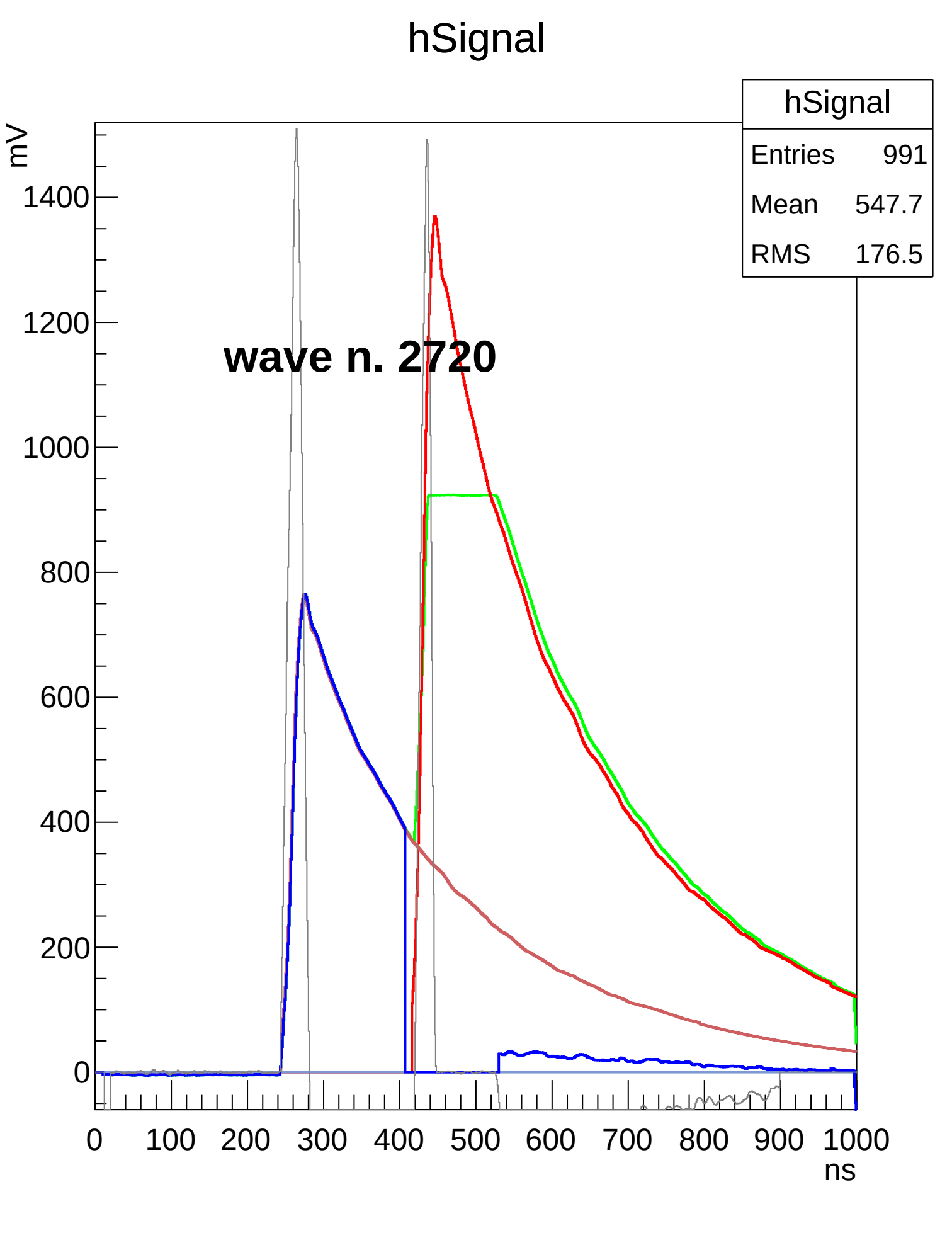
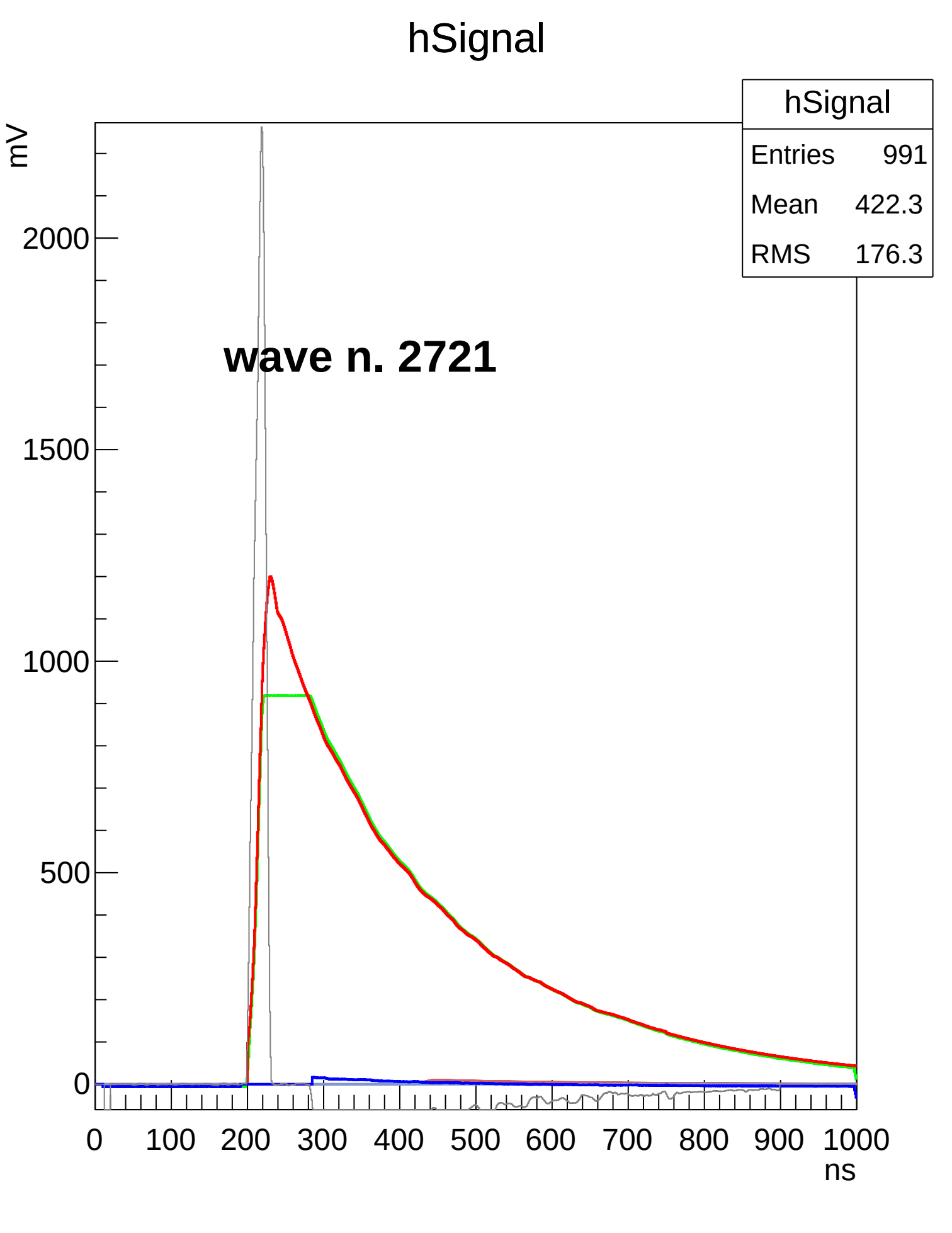
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547.7
RMS 176.5
wave n. 2720
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 422.3
RMS 176.3
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1000
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0
100
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800
900
1000
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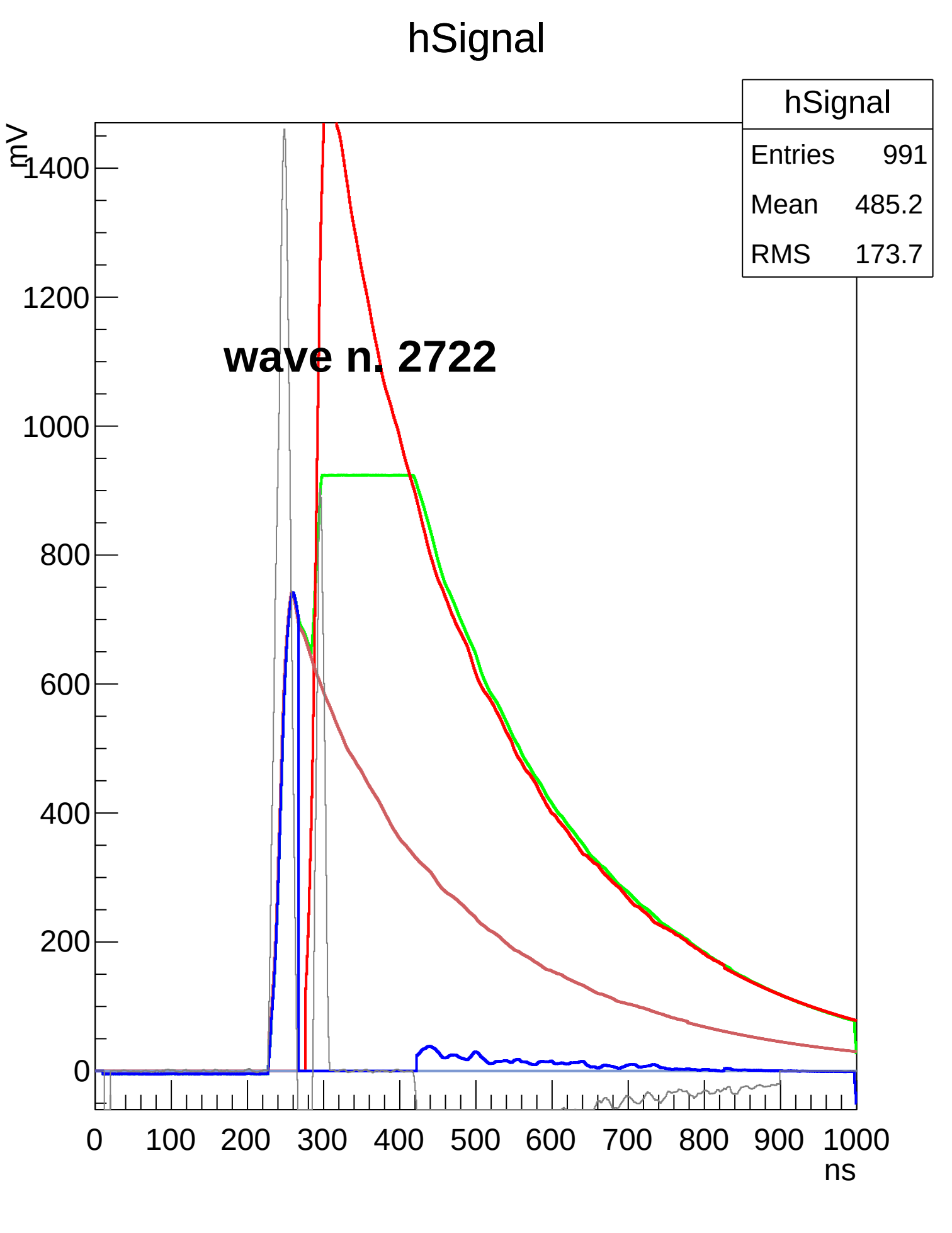
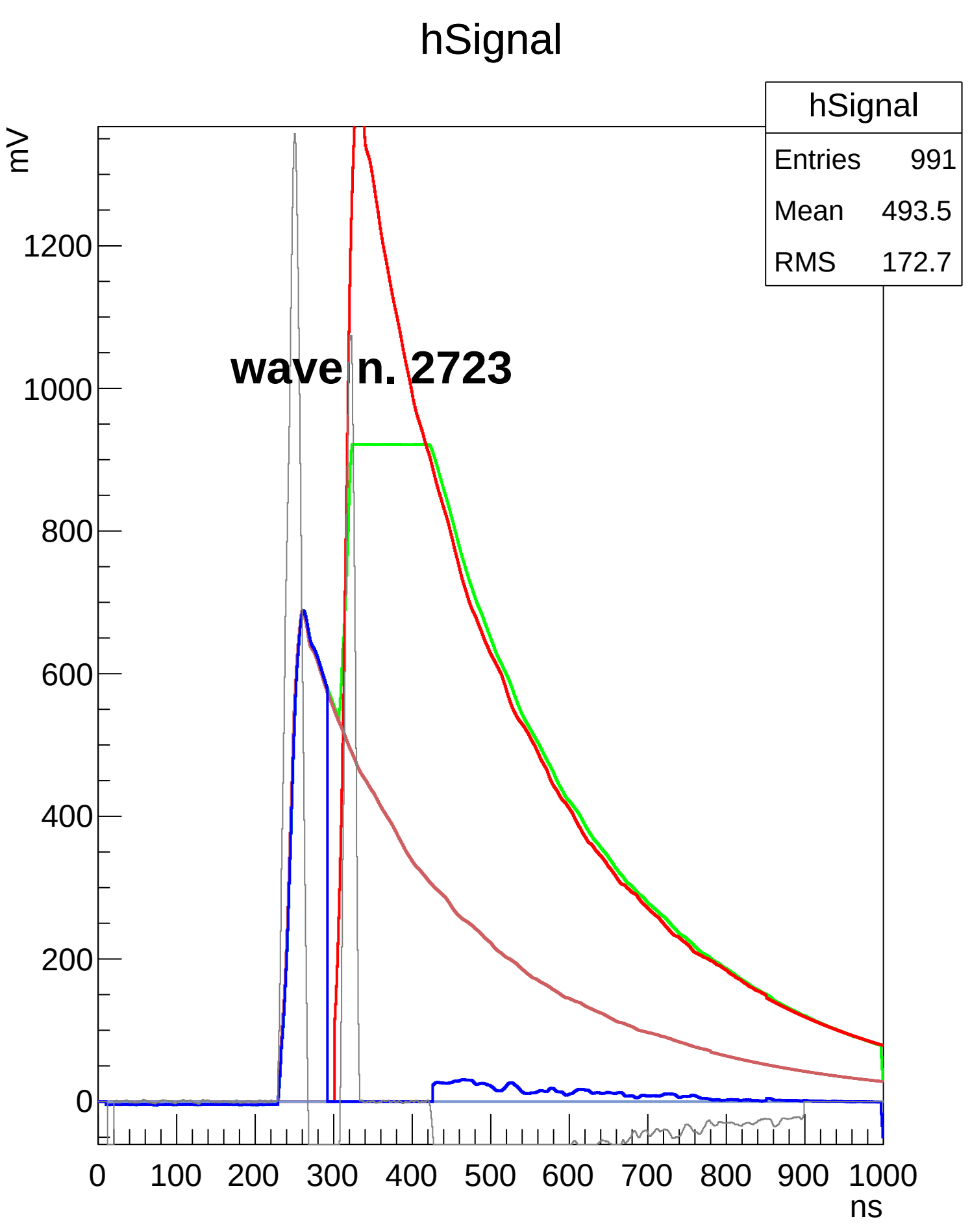

hSignal
hSignal
Entries 991
Mean 485.2
RMS 173.7
wave n. 2722
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 493.5
RMS 172.7
wave n. 2723
mV
1200
1000
800
600
400
200
0
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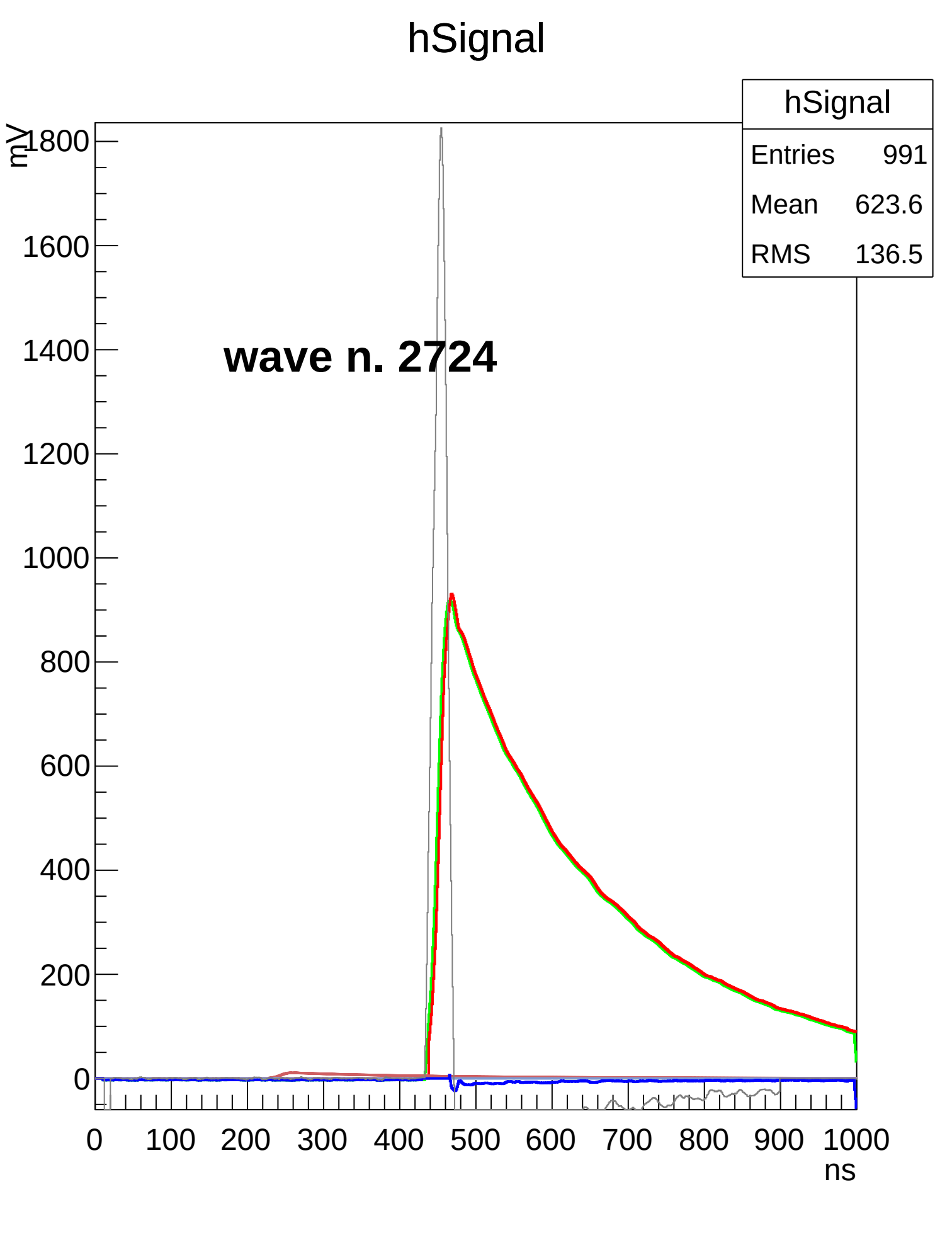
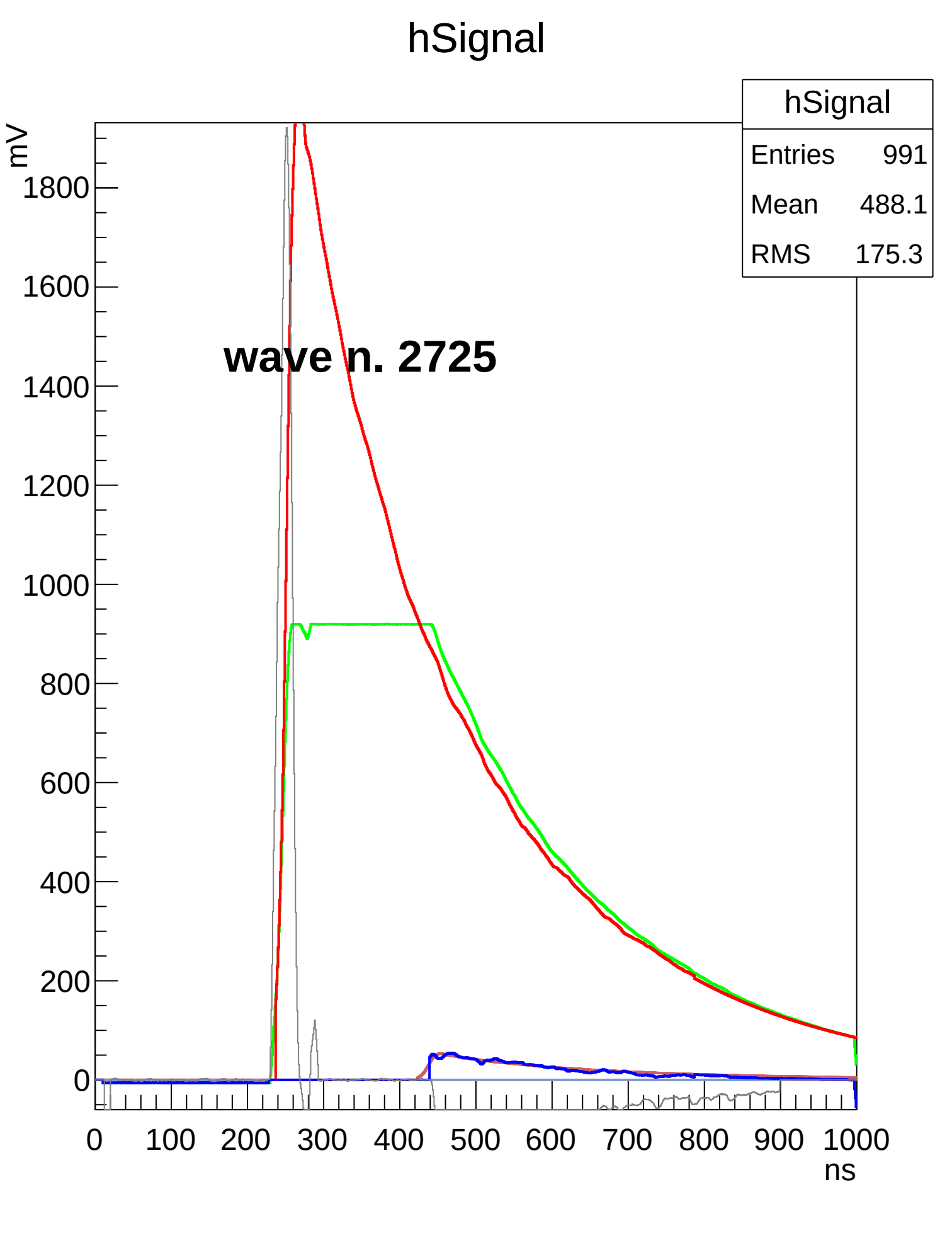
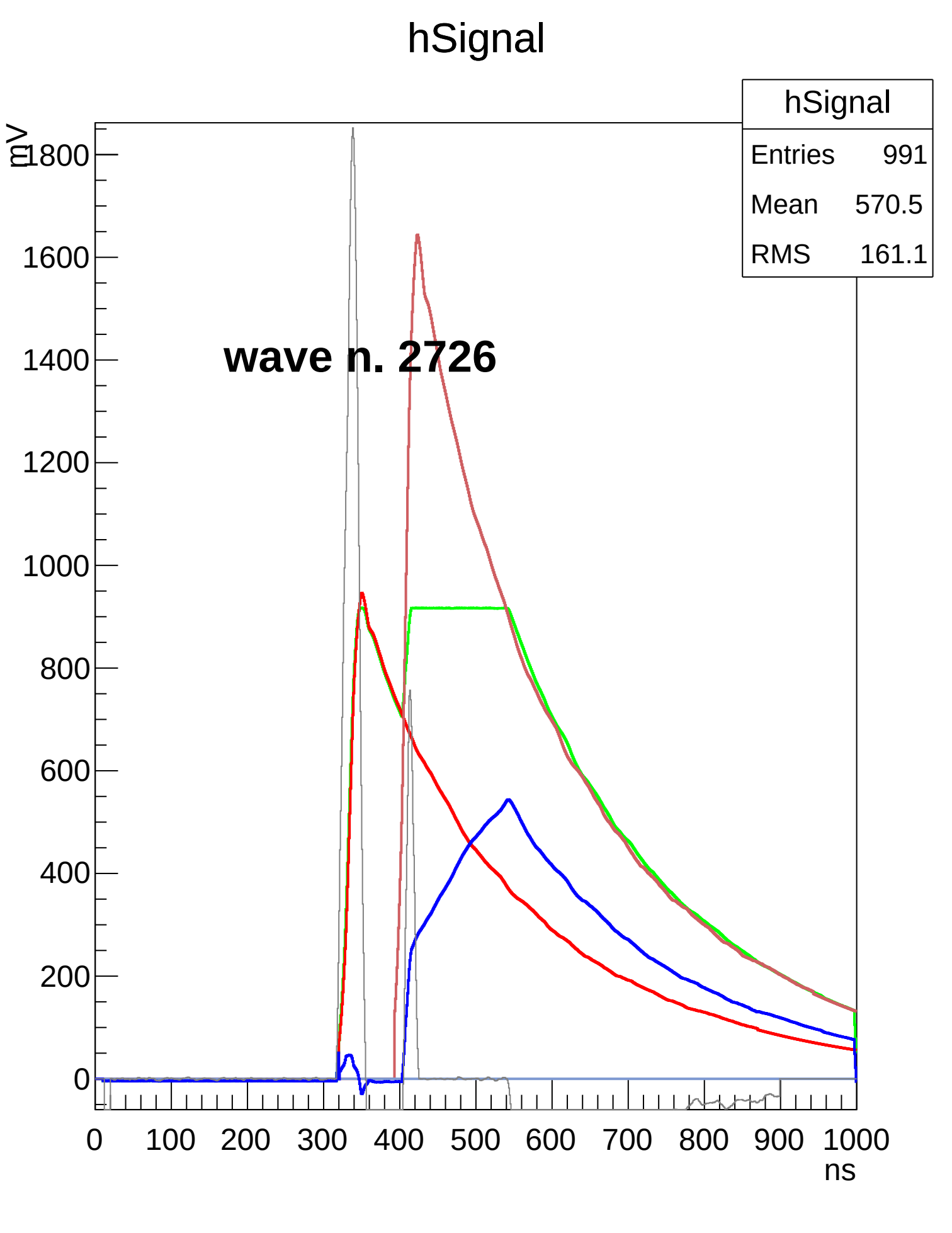
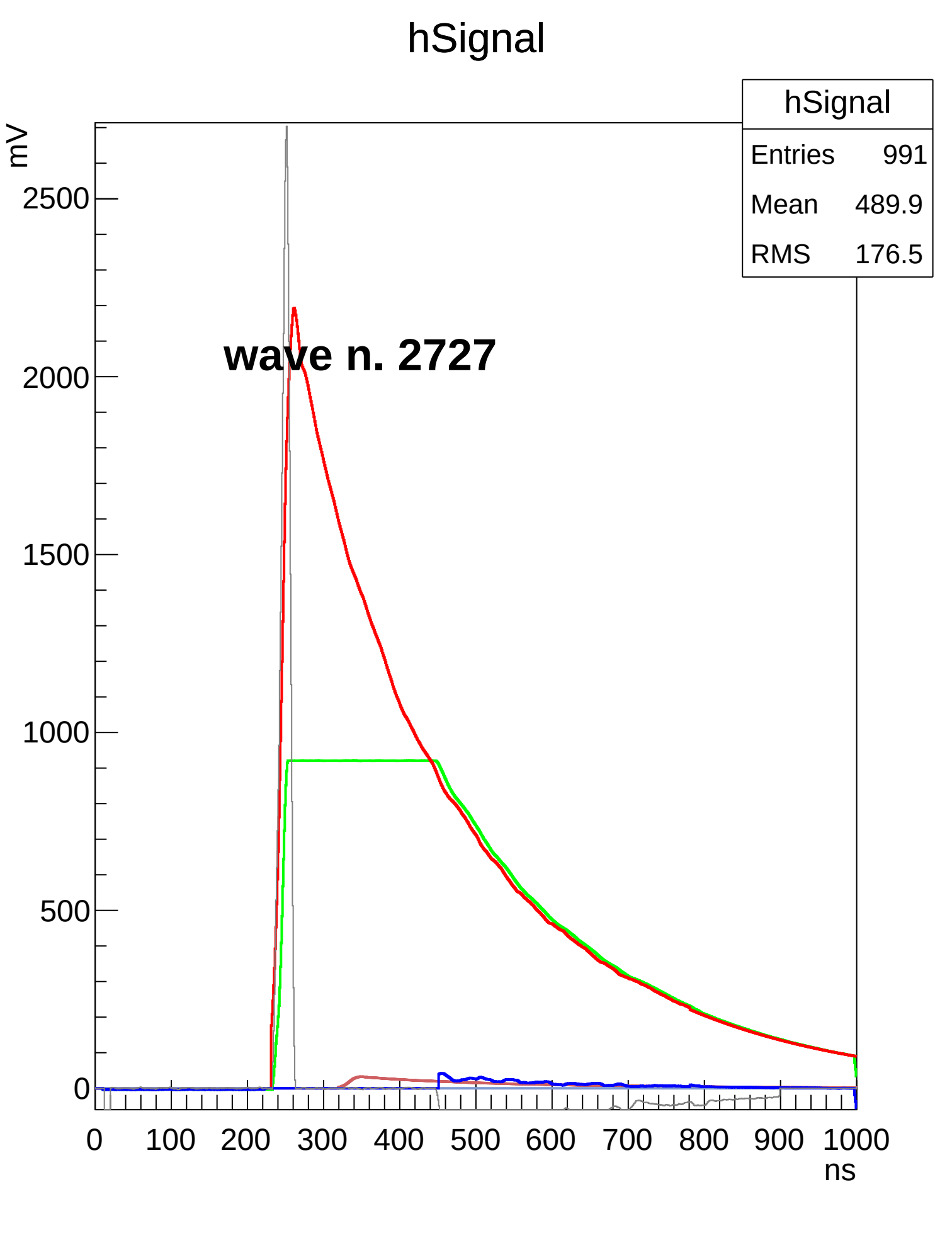
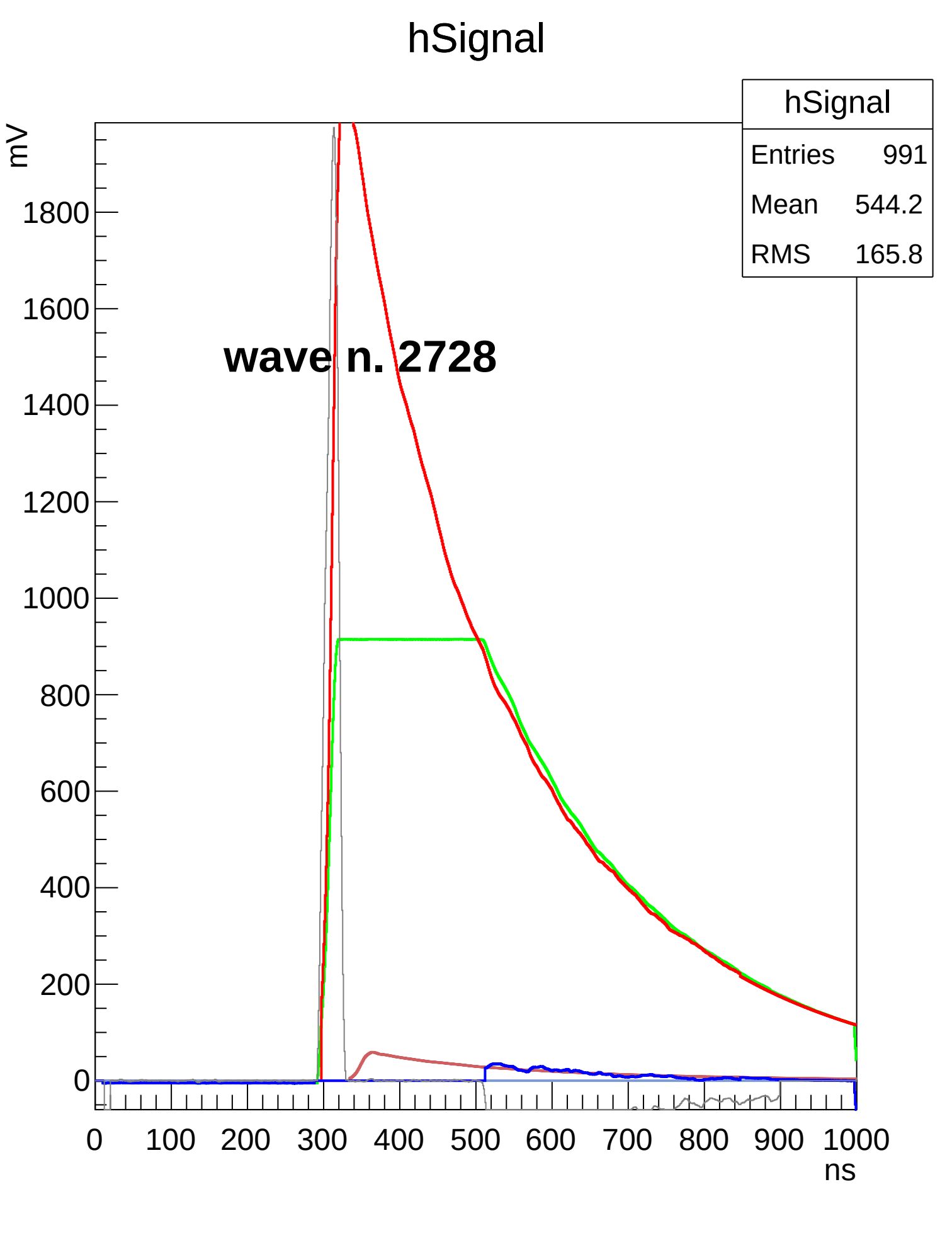
ns

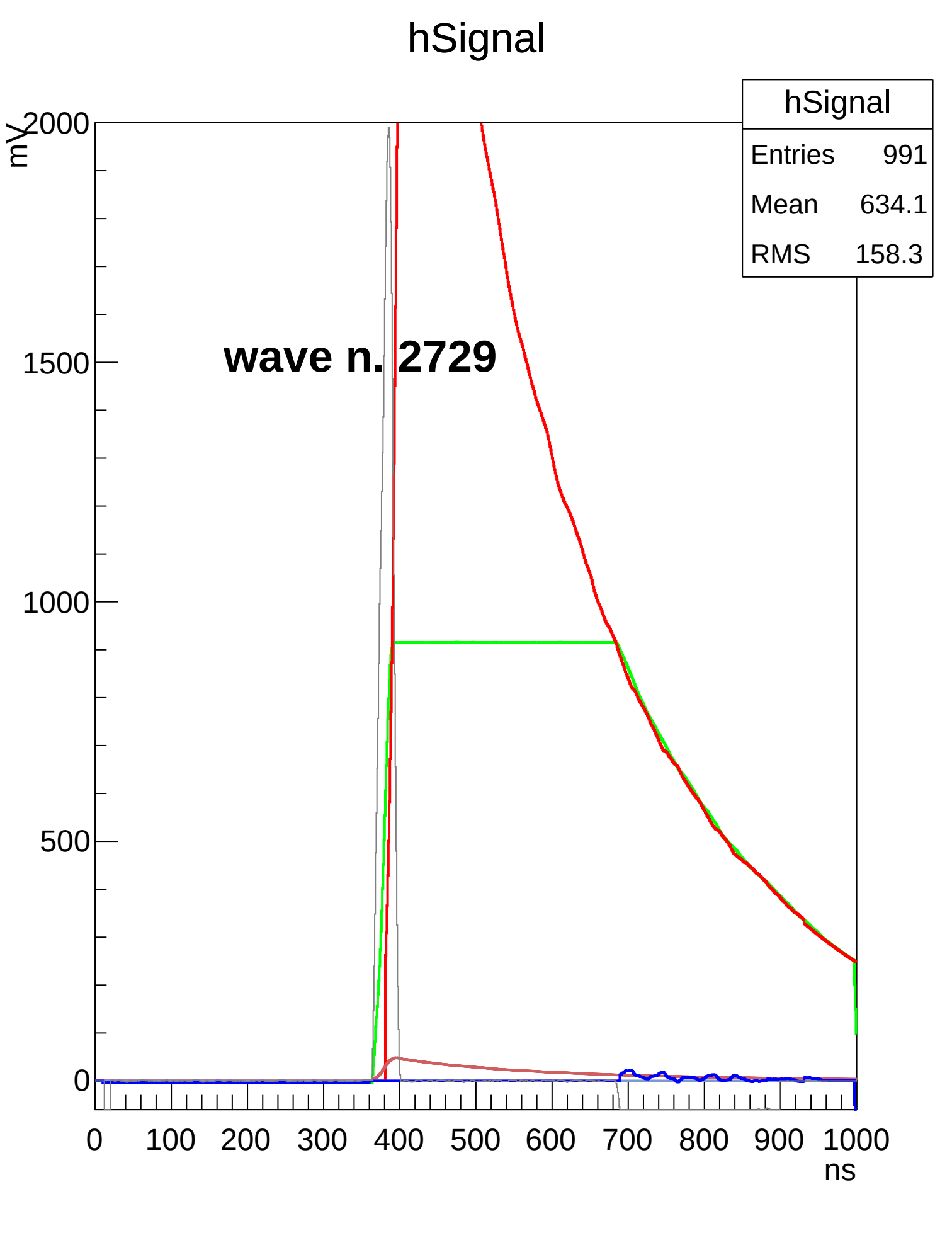

hSignal
hSignal
Entries 991
Mean 623.6
RMS 136.5
wave n. 2724
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

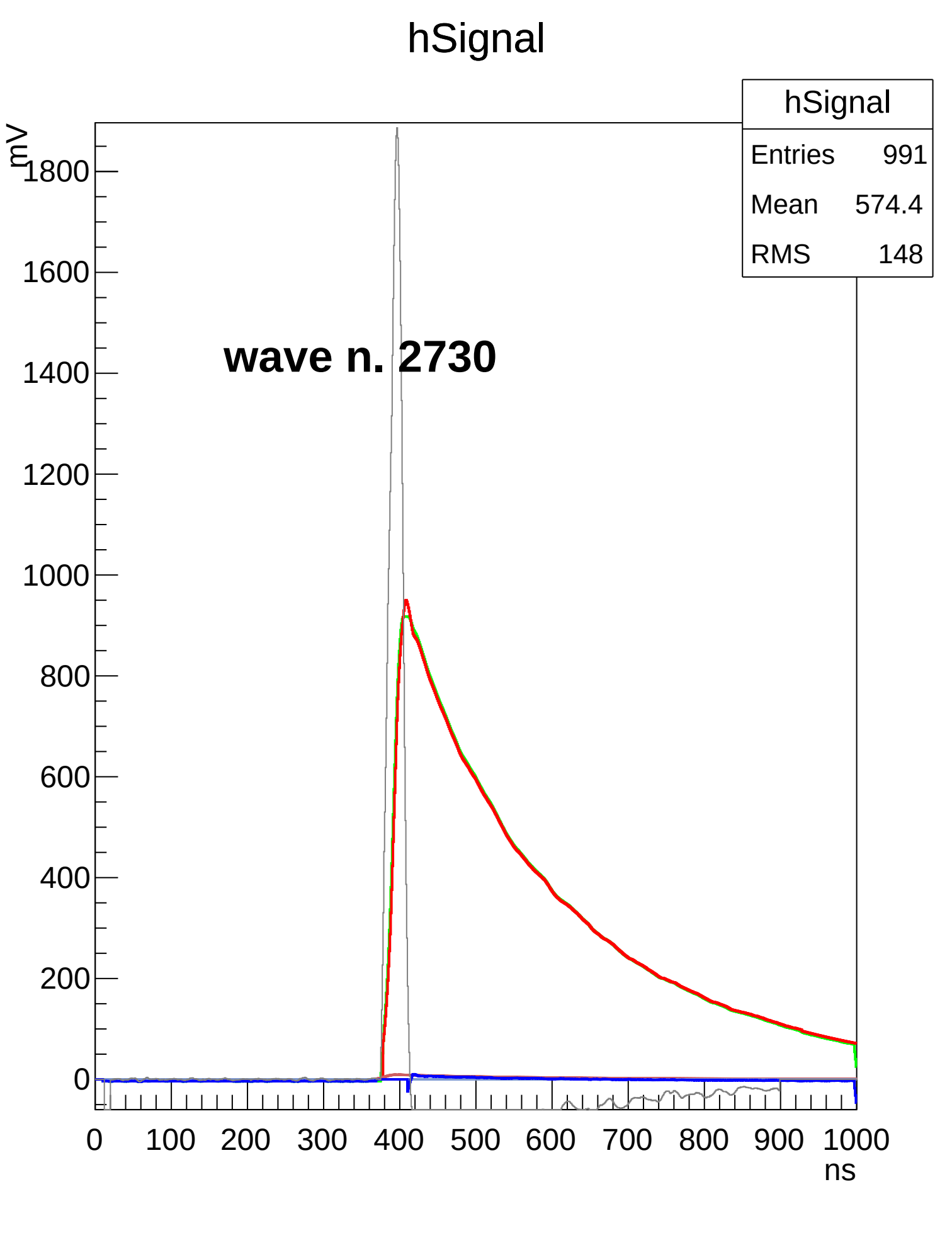

hSignal
hSignal
Entries 991
Mean 488.1
RMS 175.3
wave n. 2725
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

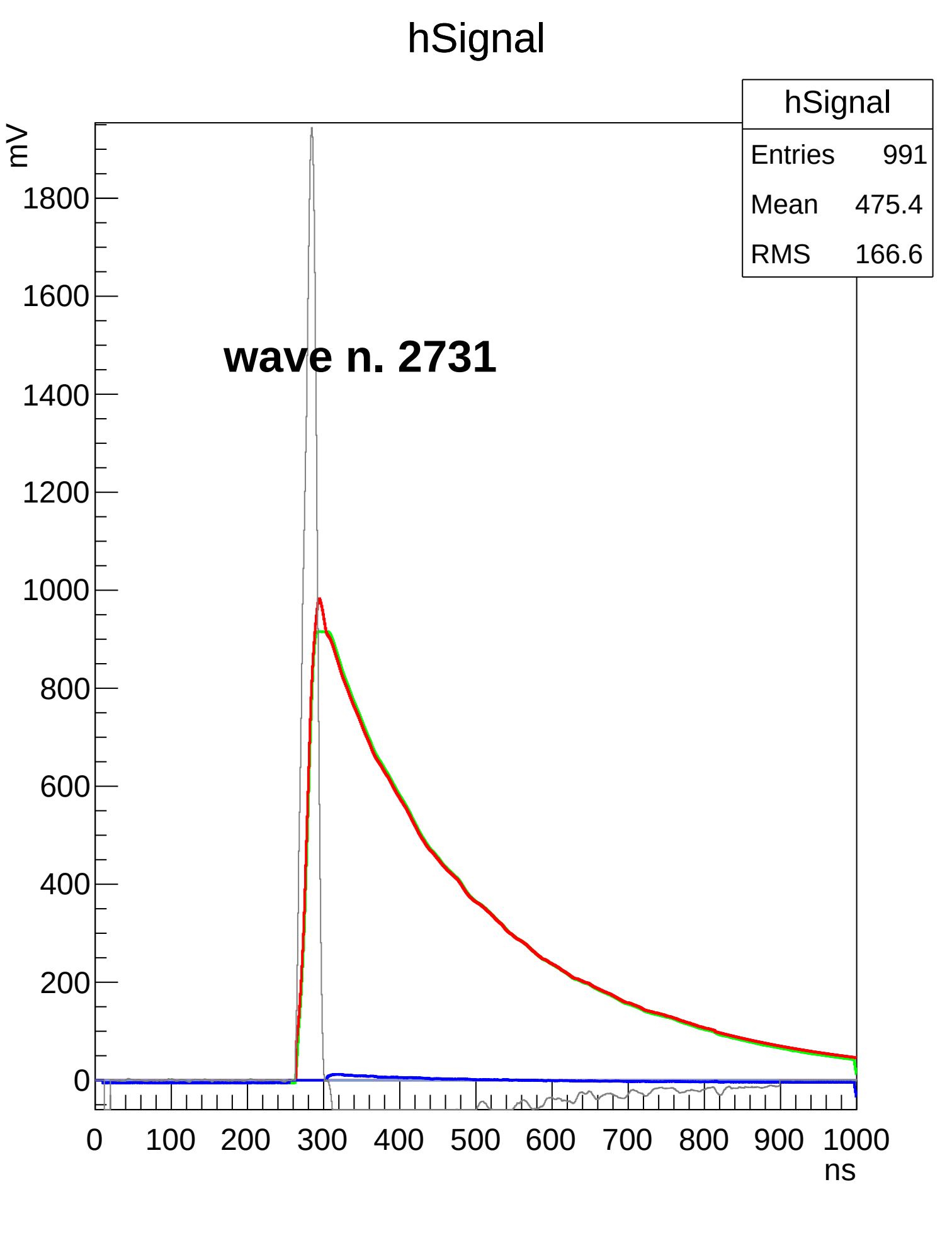

hSignal
hSignal
Entries 991
Mean 570.5
RMS 161.1
wave n. 2726
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 489.9
RMS 176.5
wave n. 2727
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 544.2
RMS 165.8
wave n. 2728
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 634.1
RMS 158.3
wave n. 2729
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 574.4
RMS 148
wave n. 2730
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 475.4
RMS 166.6
wave n. 2731
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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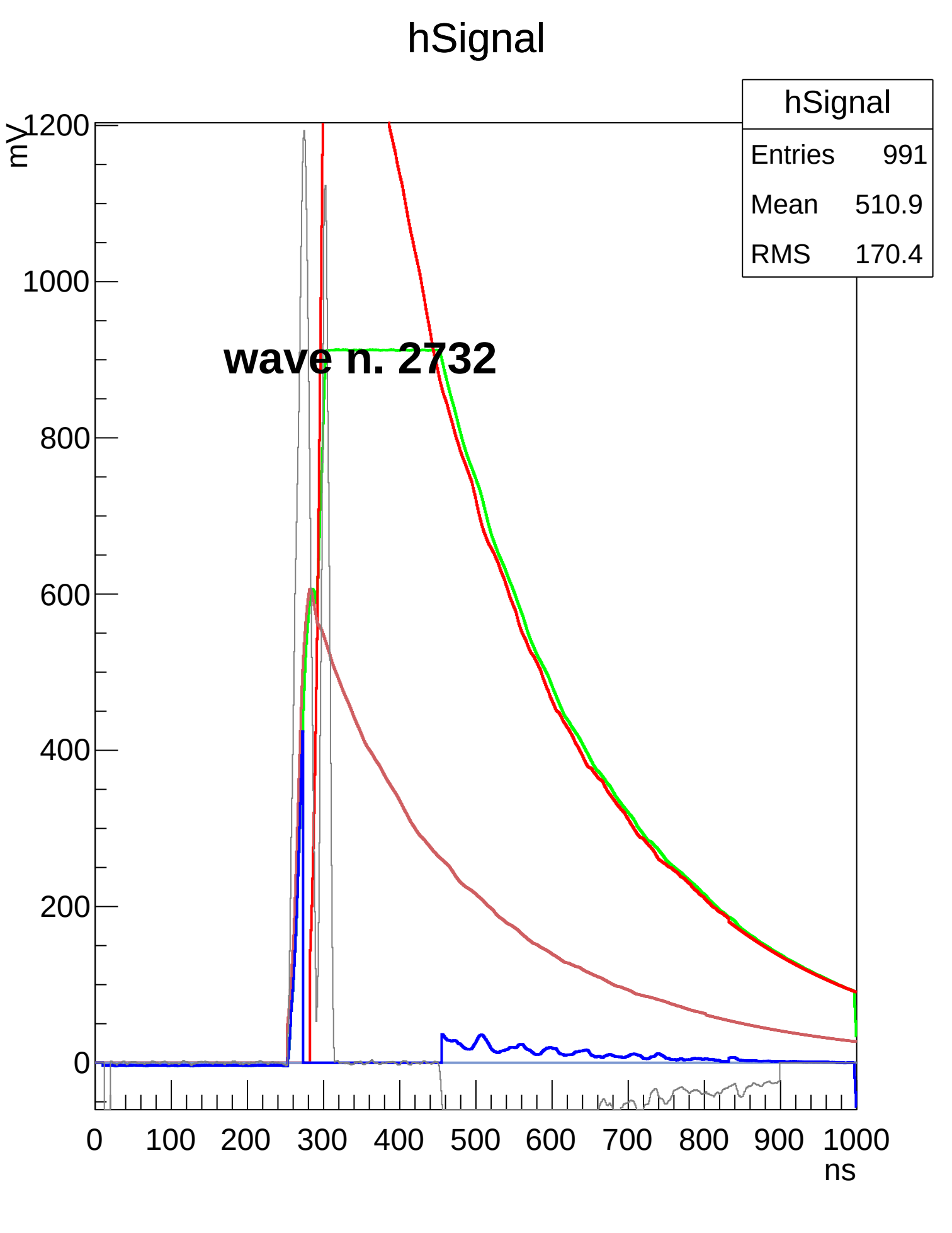
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.9
RMS 170.4
wave n. 2732
mV
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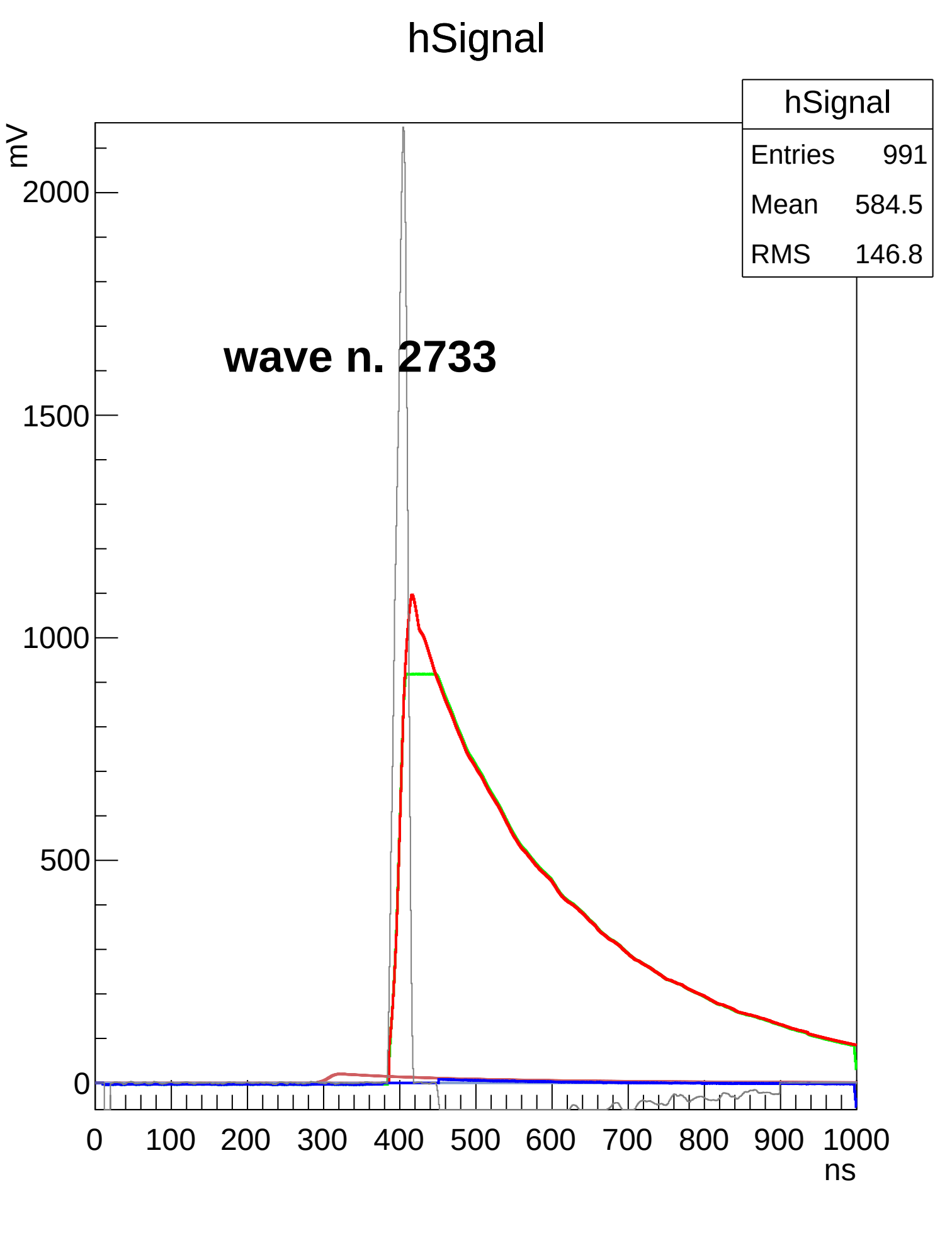
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 584.5
RMS 146.8
wave n. 2733
mV
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1500
1000
500
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0
100
200
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400
500
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700
800
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1000
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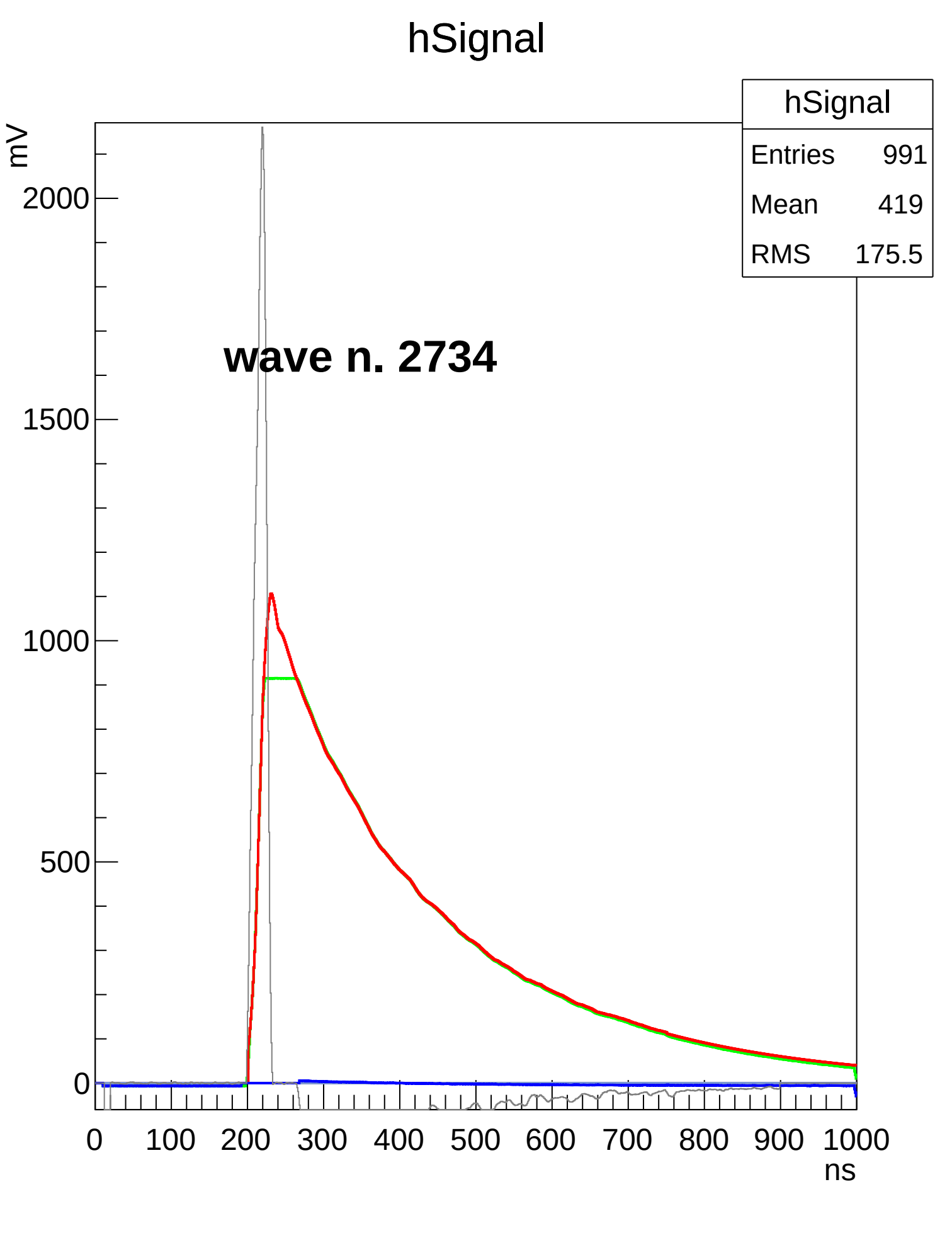
hSignal
hSignal
Entries 991
Mean 419
RMS 175.5
wave n. 2734
mV
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1500
1000
500
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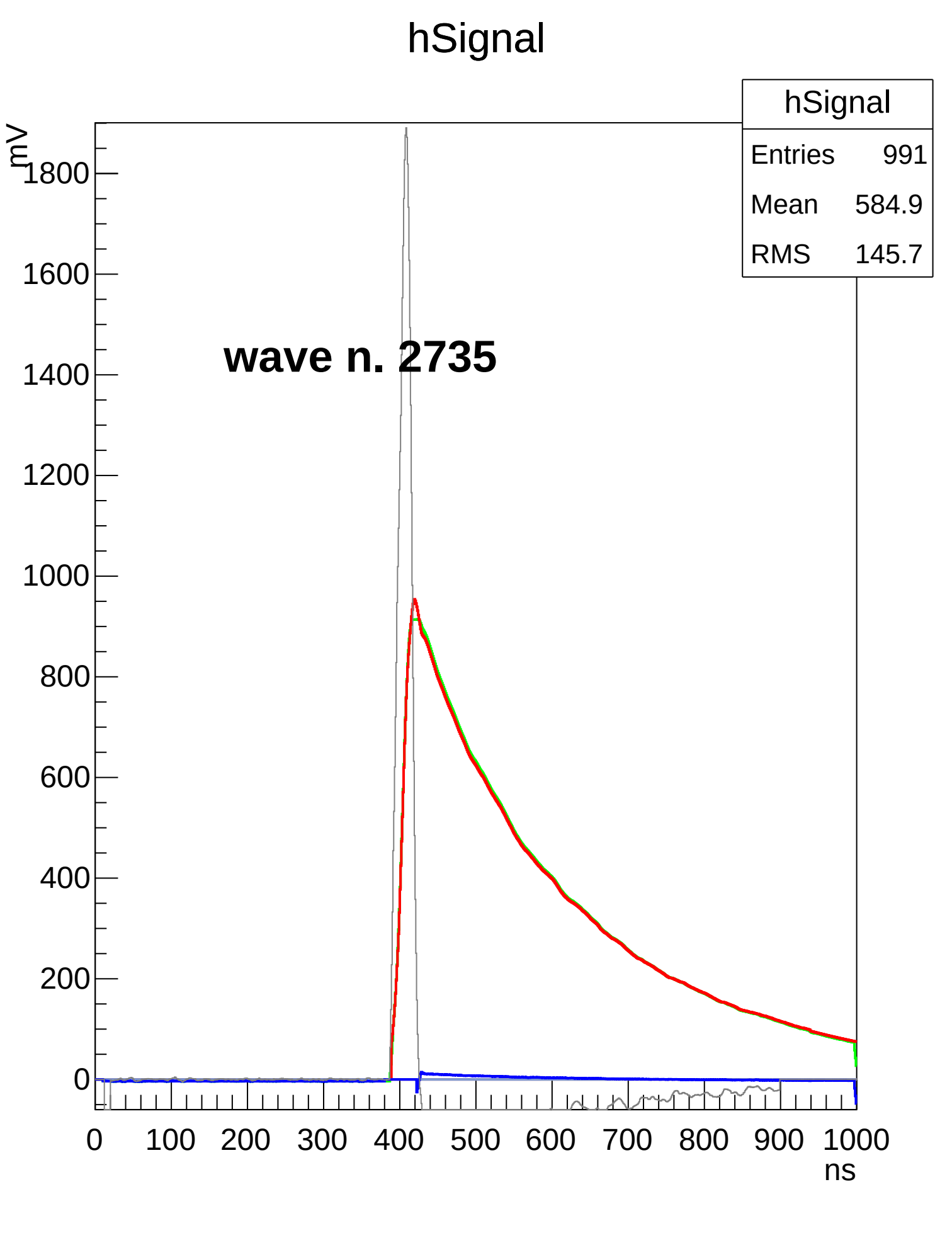
ns


hSignal
hSignal
Entries 991
Mean 584.9
RMS 145.7
wave n. 2735
mV
1800
1600
1400
1200
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600
400
200
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400
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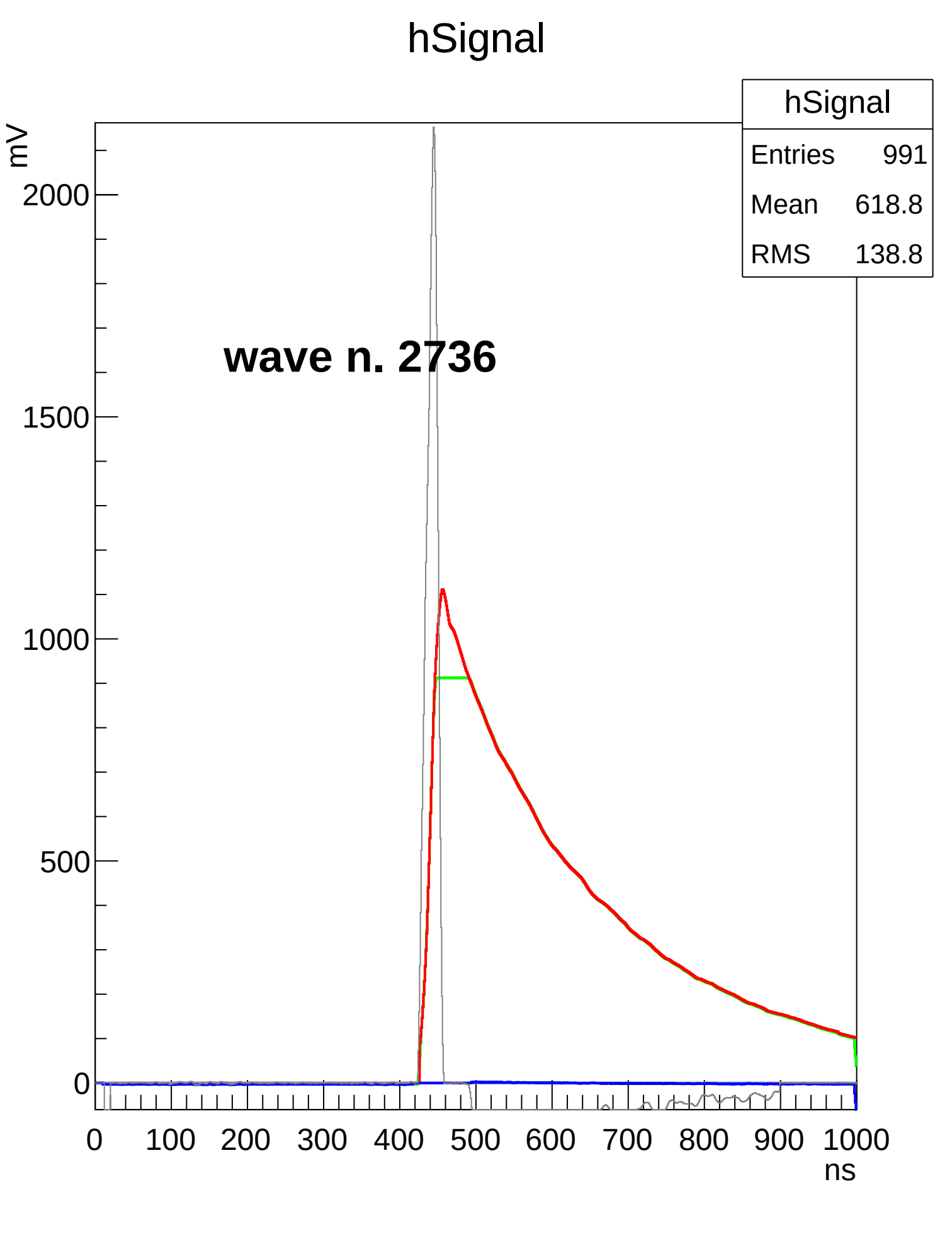
1000
ns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hSignal
Entries 991
Mean 618.8
RMS 138.8
wave n. 2736
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400
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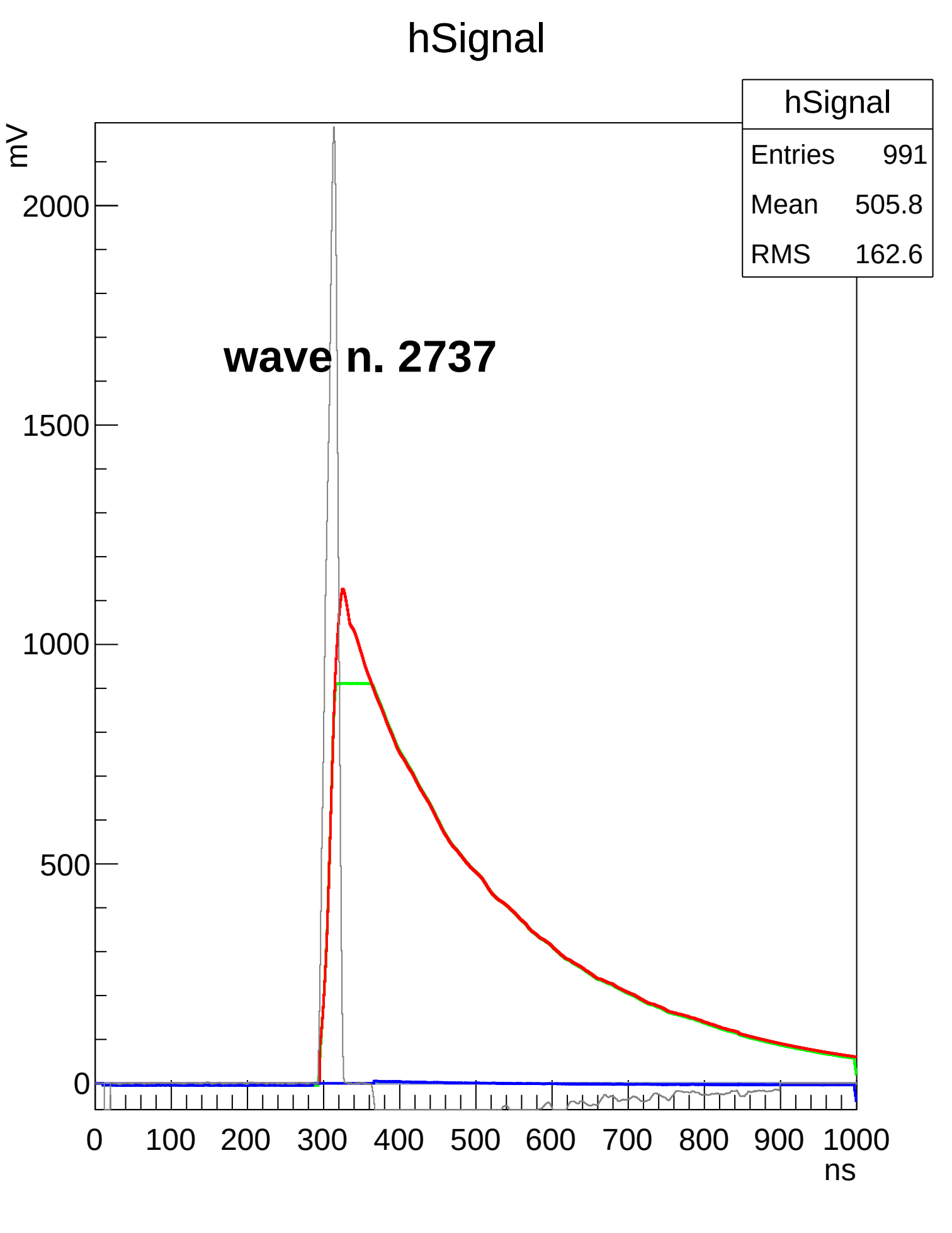
800
900
1000
ns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hSignal
Entries 991
Mean 505.8
RMS 162.6
wave n. 2737
mV
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1000
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0
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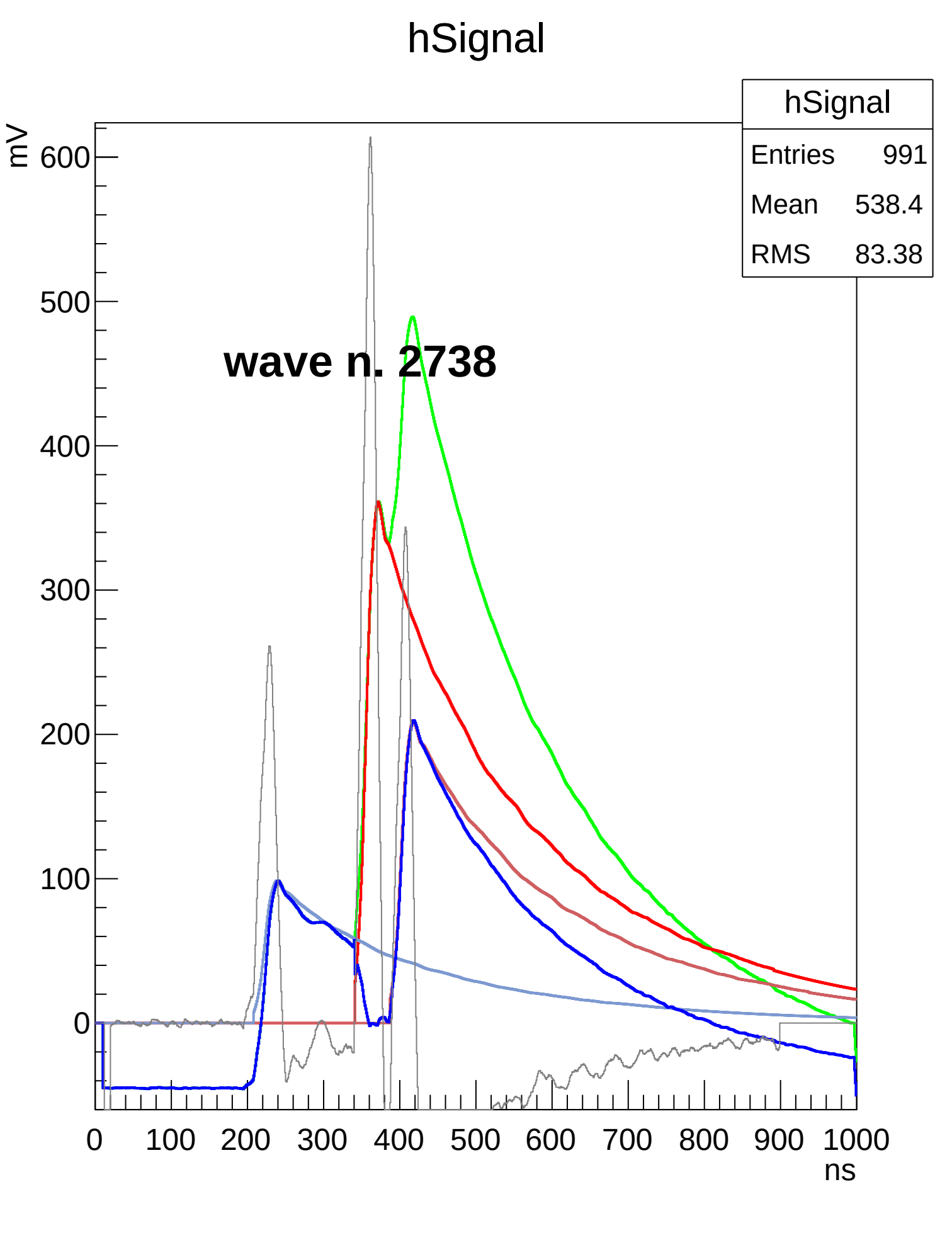
800
900
1000
ns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hSignal
Entries 991
Mean 538.4
RMS 83.38
wave n. 2738
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500
400
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200
100
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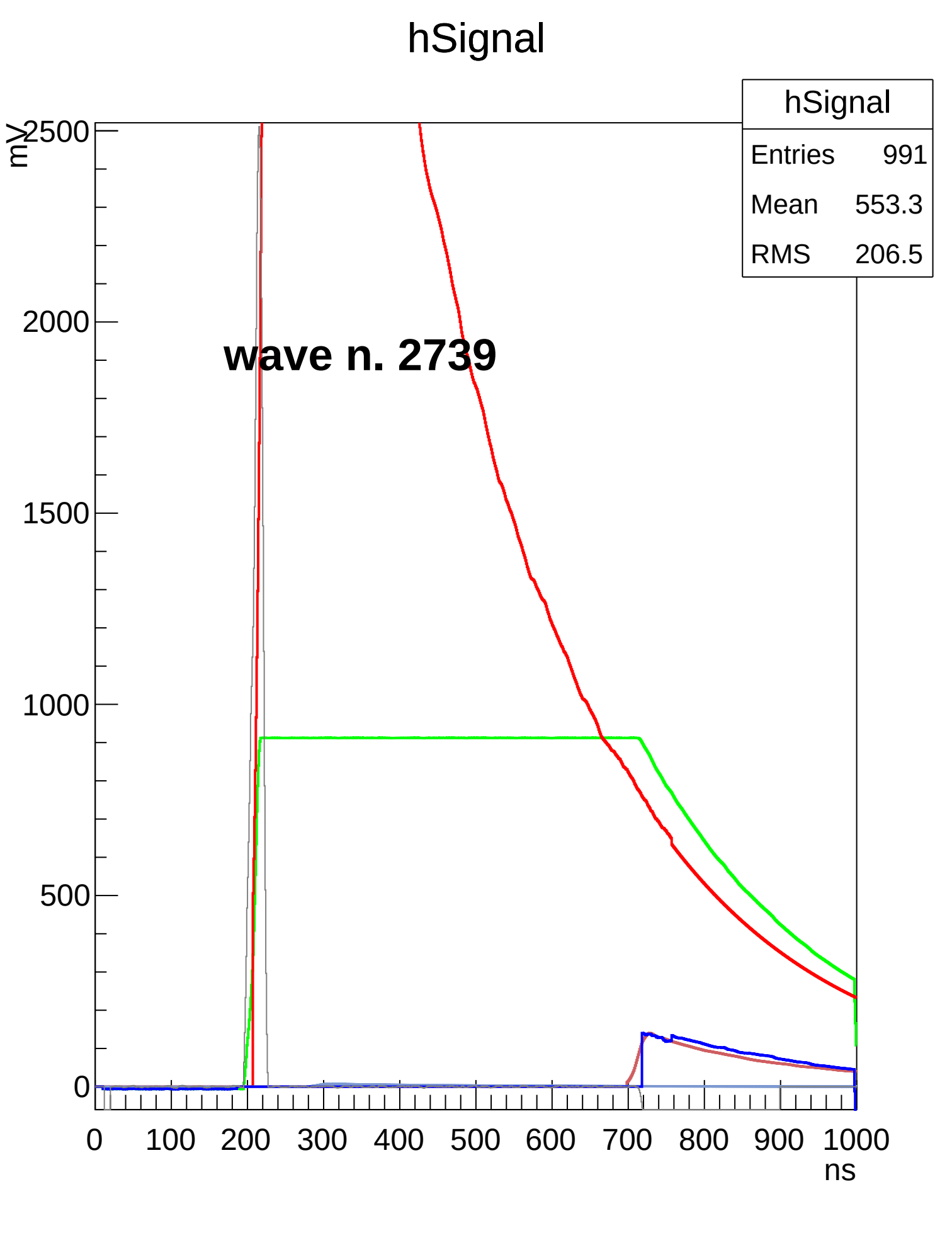
ns


hSignal
hSignal
Entries 991
Mean 553.3
RMS 206.5
wave n. 2739
mV
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1500
1000
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400
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800
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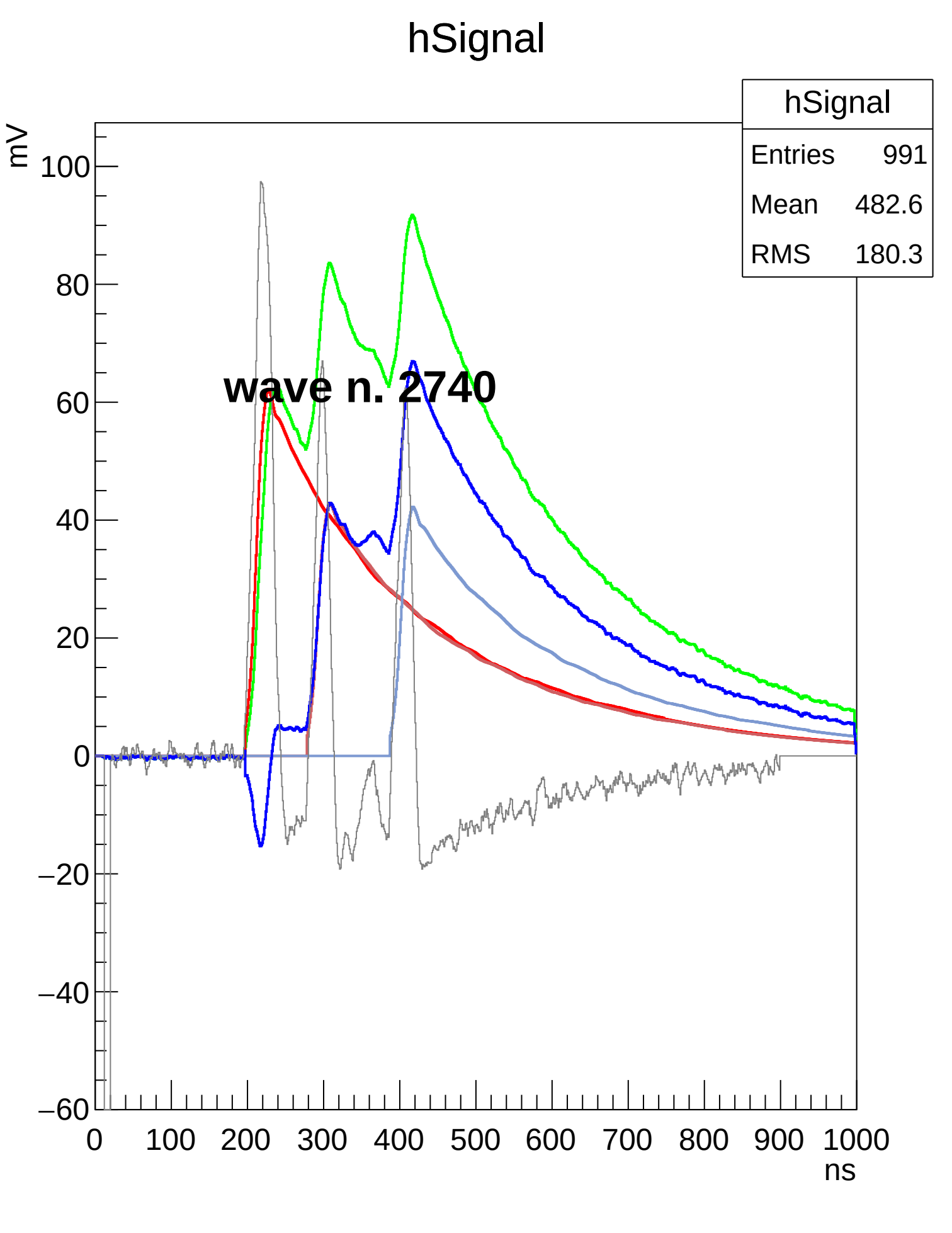
1000
ns


hSignal
hSignal
Entries 991
Mean 482.6
RMS 180.3
wave n. 2740
mV
100
80
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−40
−60
0
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200
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400
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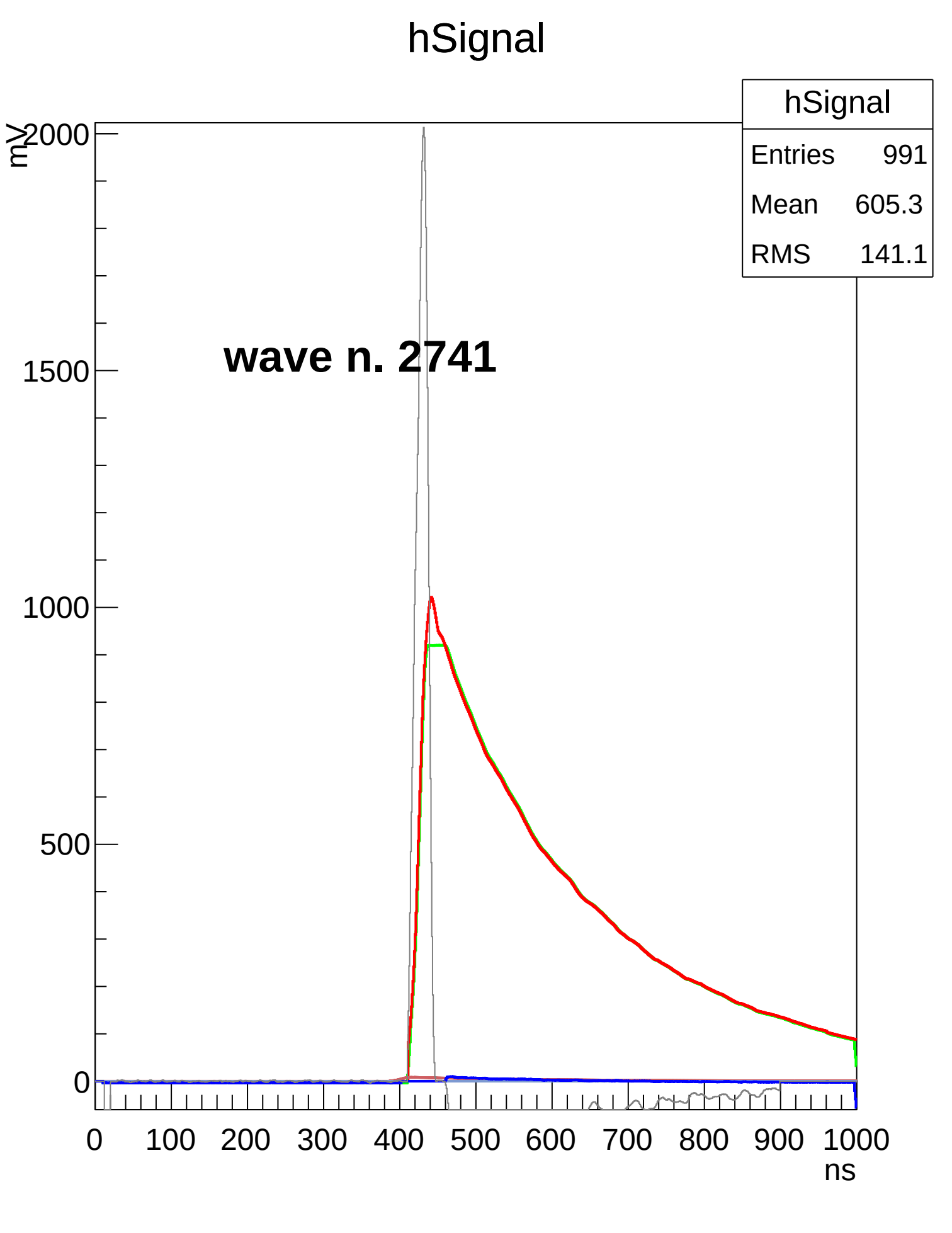
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 605.3
RMS 141.1
wave n. 2741
mV
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1500
1000
500
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400
500
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700
800
900
1000
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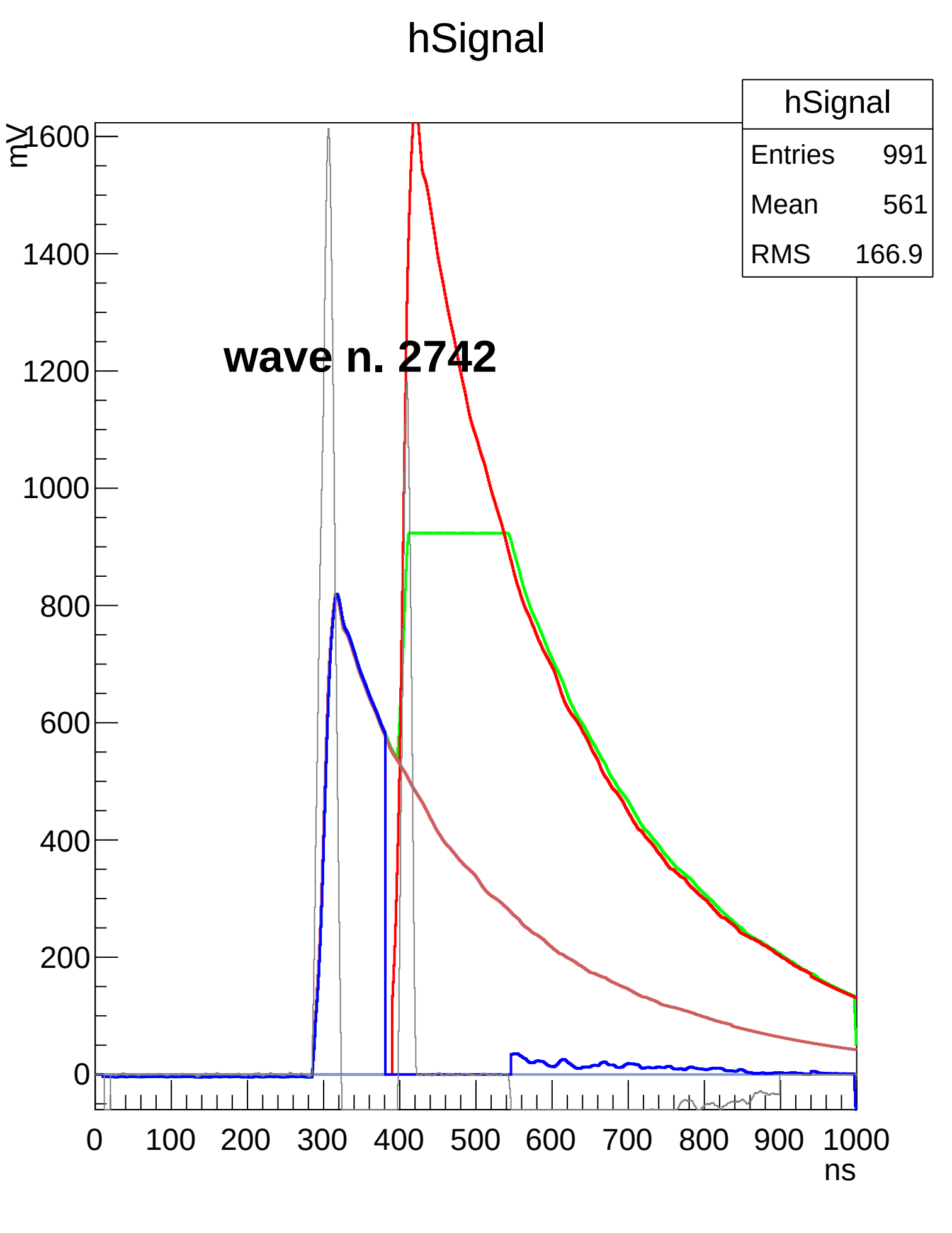
hSignal
hSignal
Entries 991
Mean 561
RMS 166.9
wave n. 2742
mV
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1400
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1000
800
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400
200
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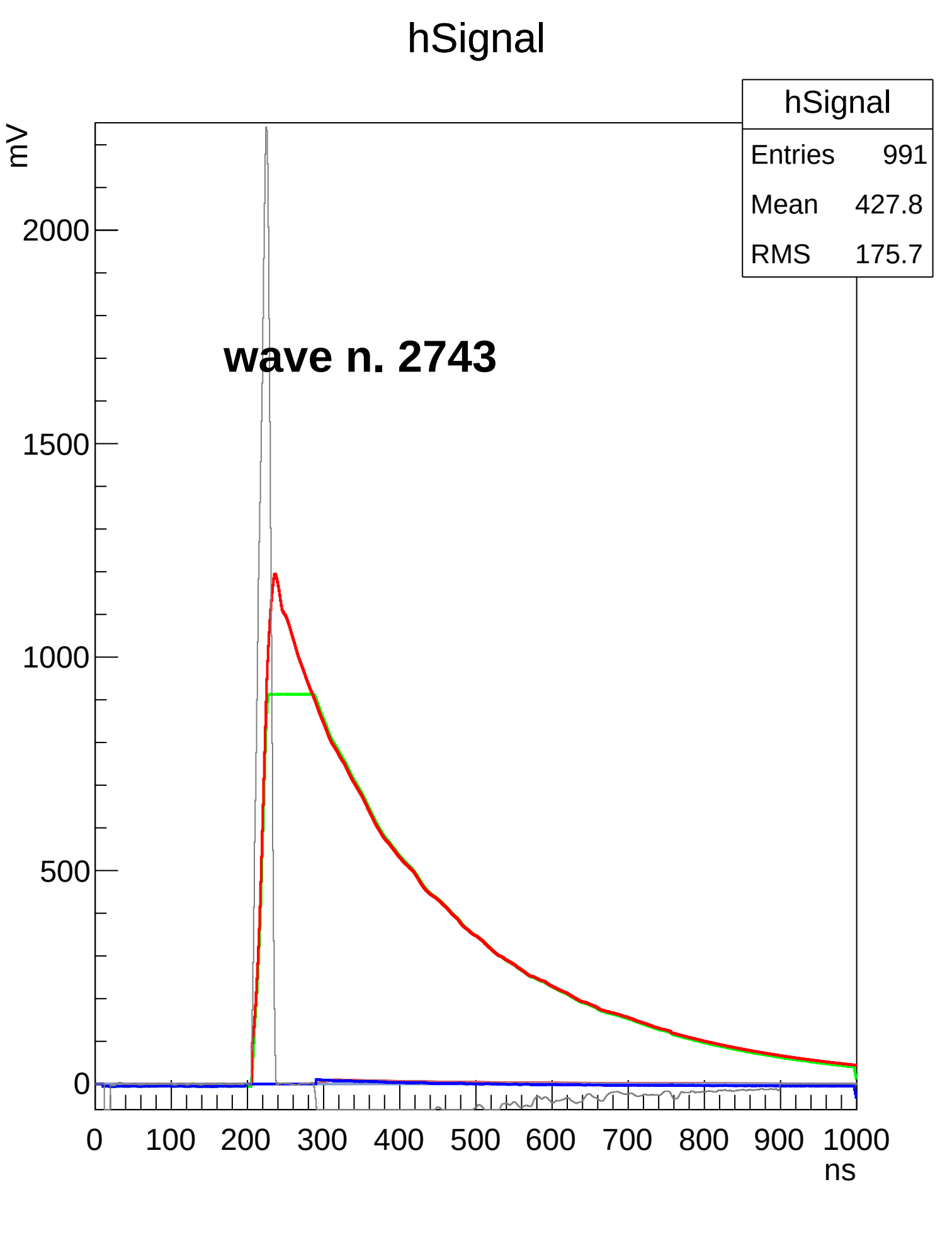
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 427.8
RMS 175.7
wave n. 2743
mV
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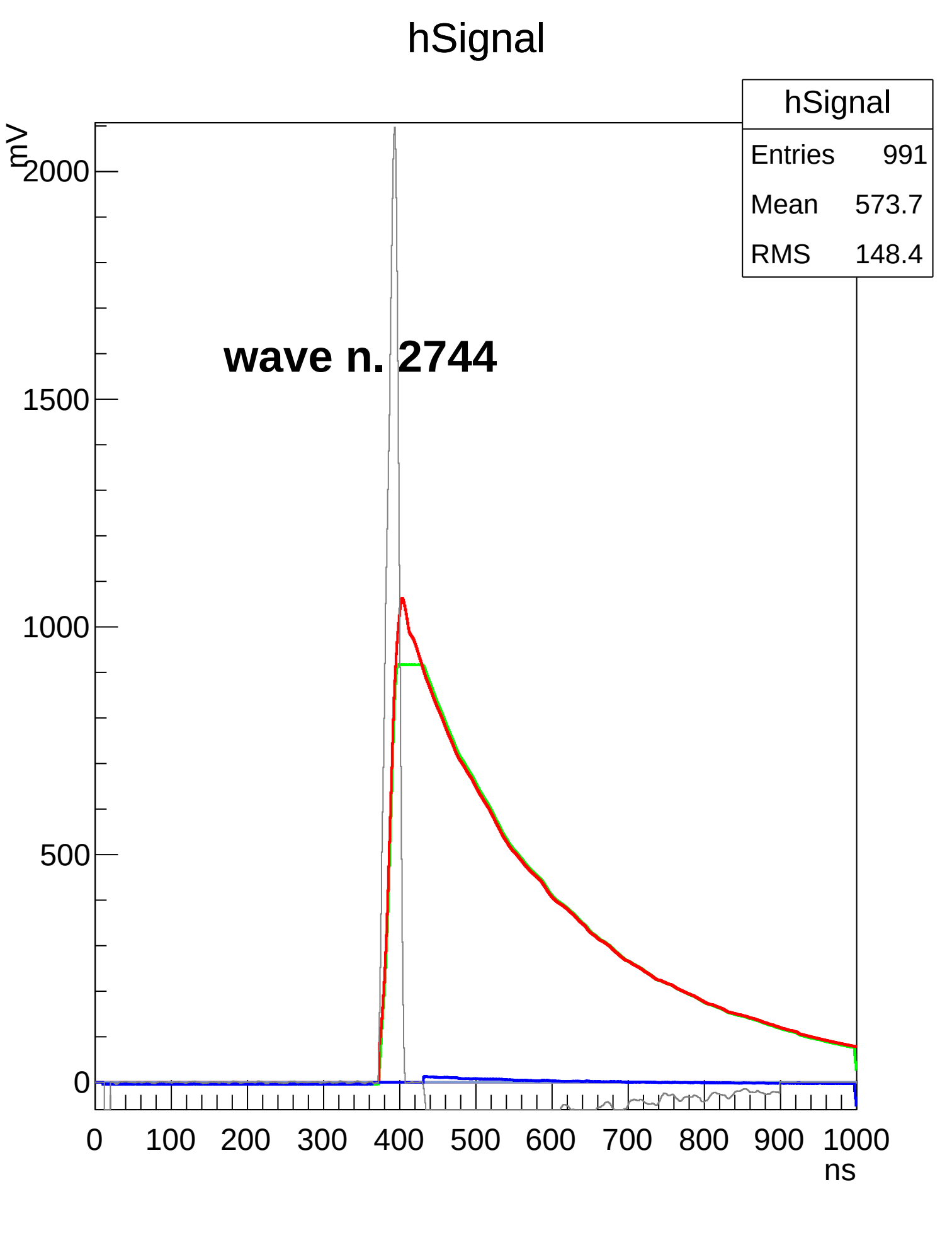
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.7
RMS 148.4
wave n. 2744
mV
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1500
1000
500
0
0
100
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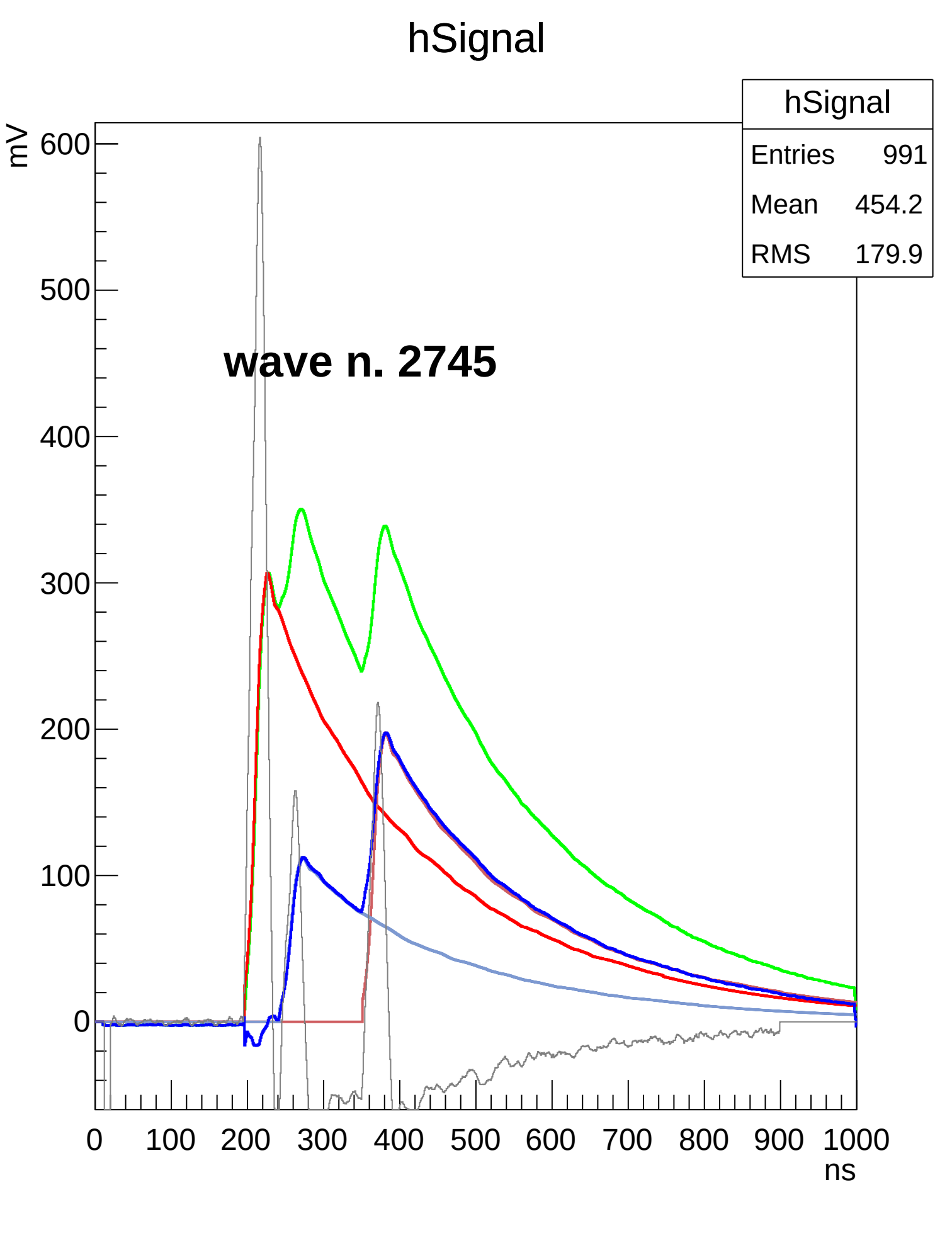
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 454.2
RMS 179.9
wave n. 2745
mV
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300
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100
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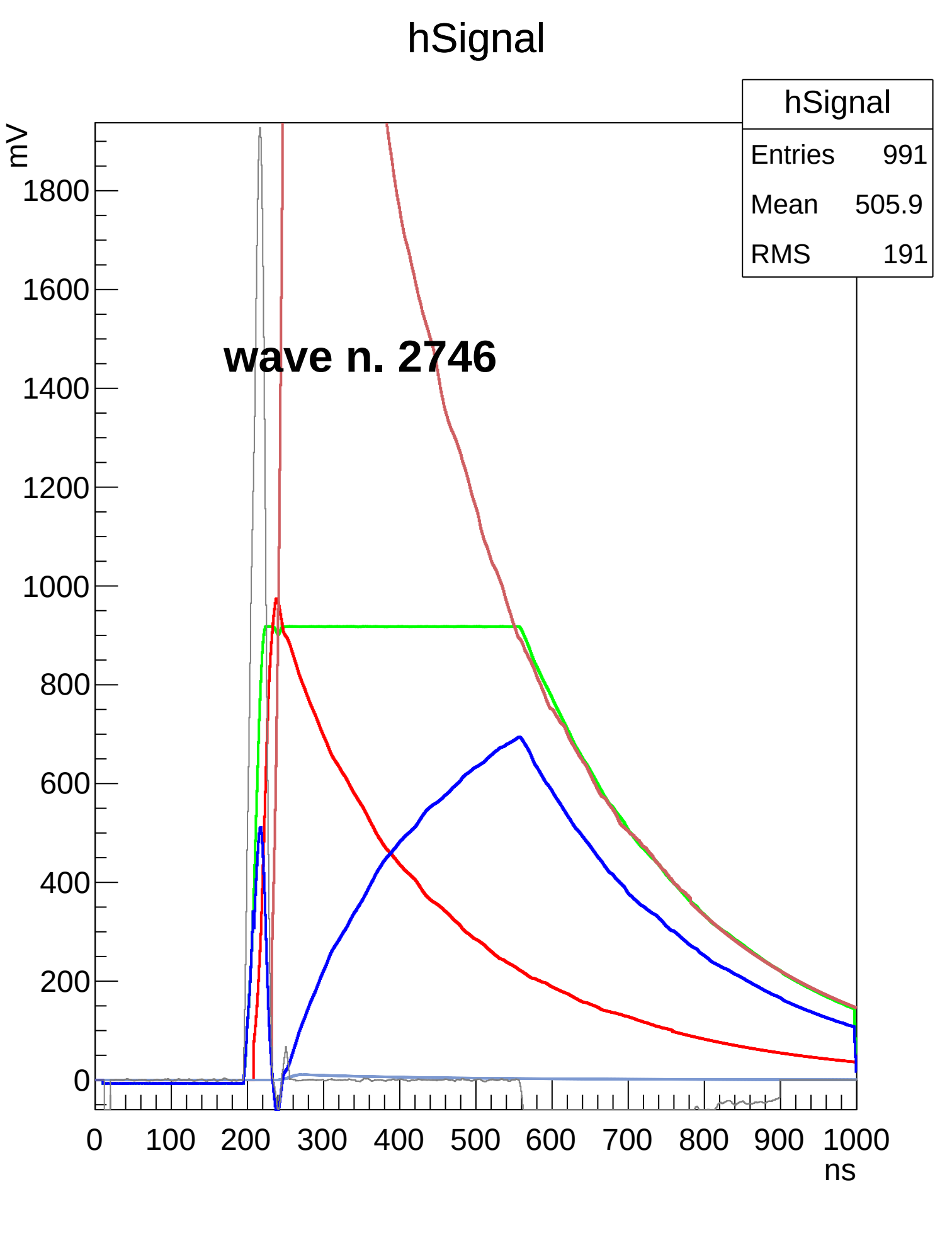
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.9
RMS 191
wave n. 2746
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1200
1000
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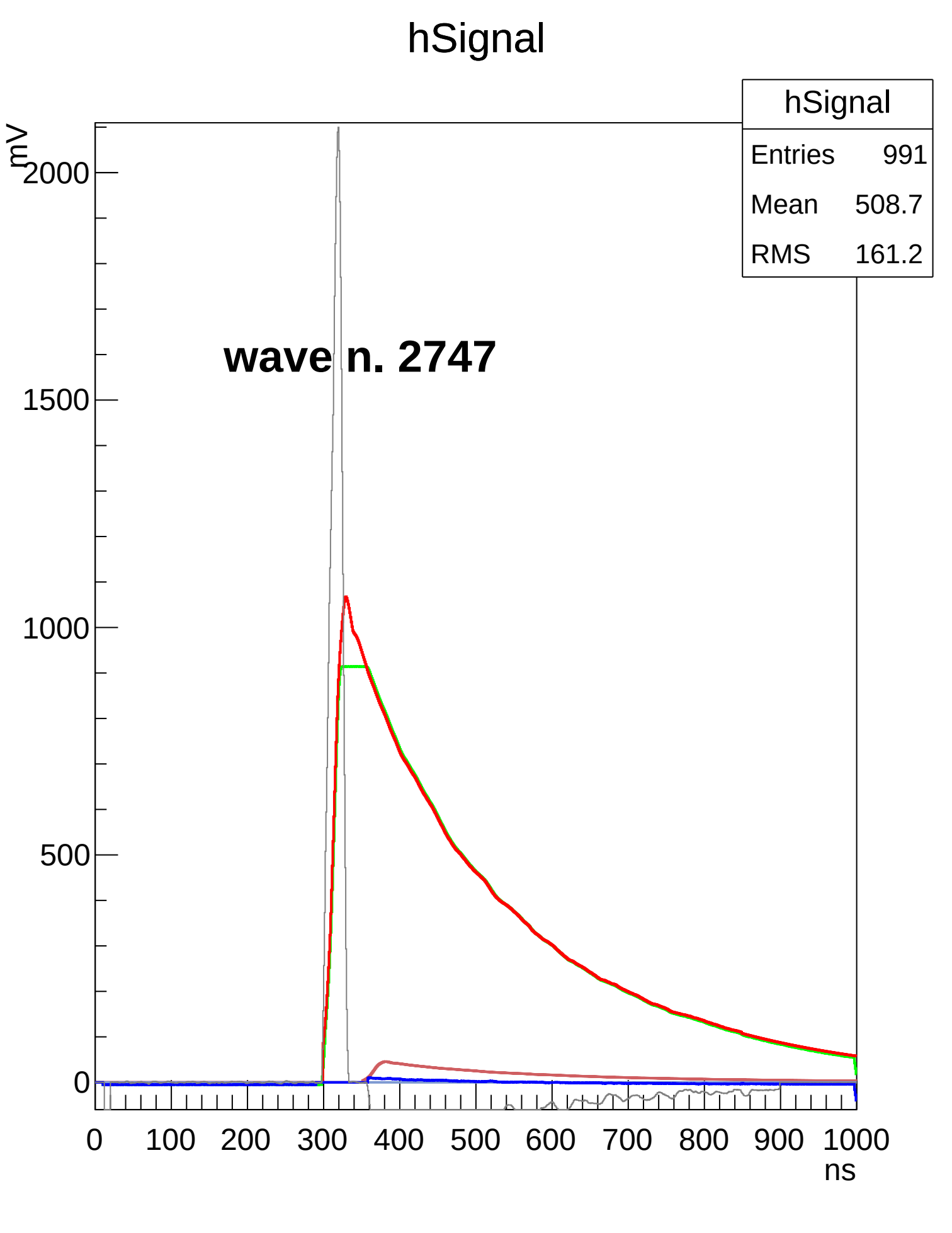
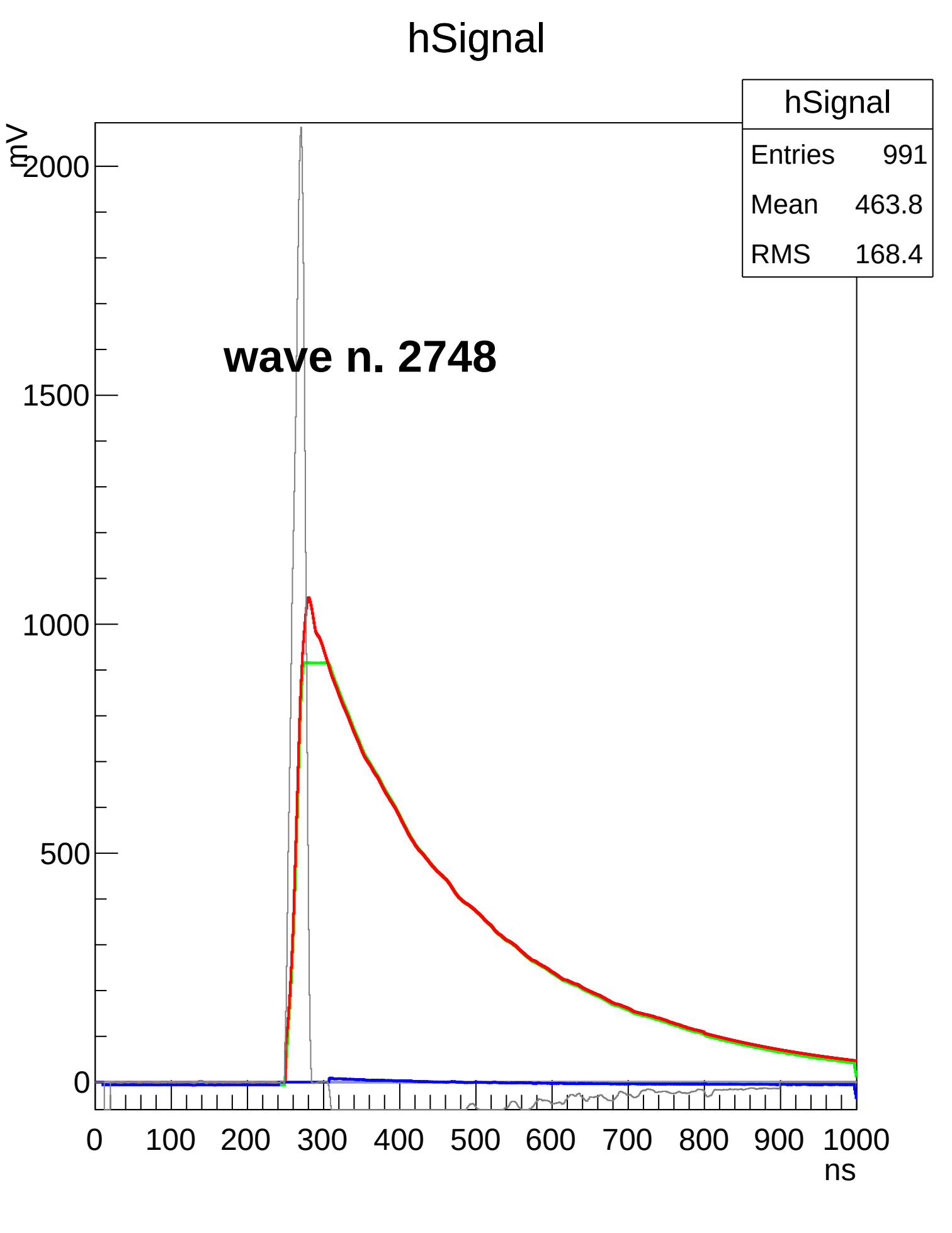
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 508.7
RMS 161.2
wave n. 2747
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 463.8
RMS 168.4
wave n. 2748
mV
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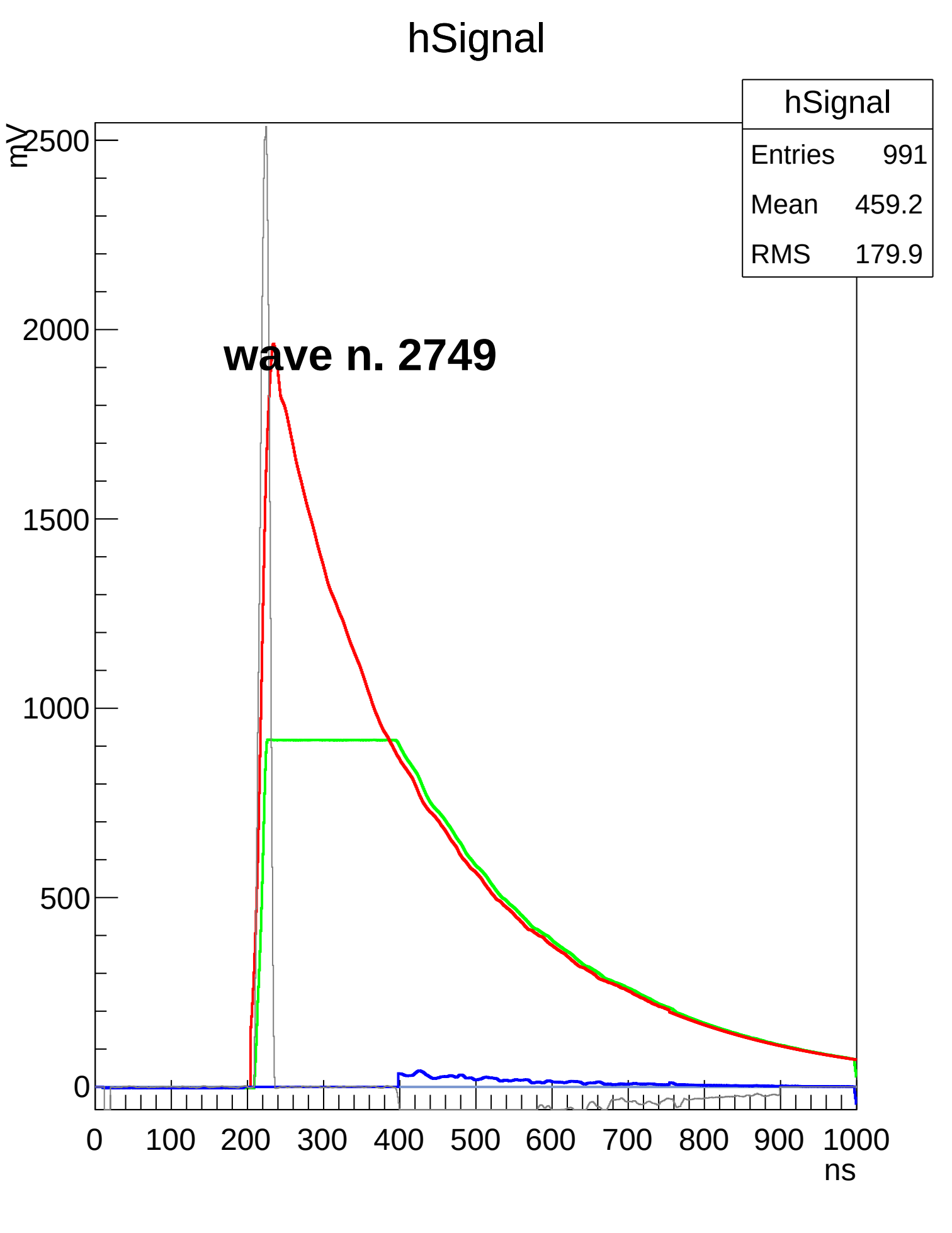
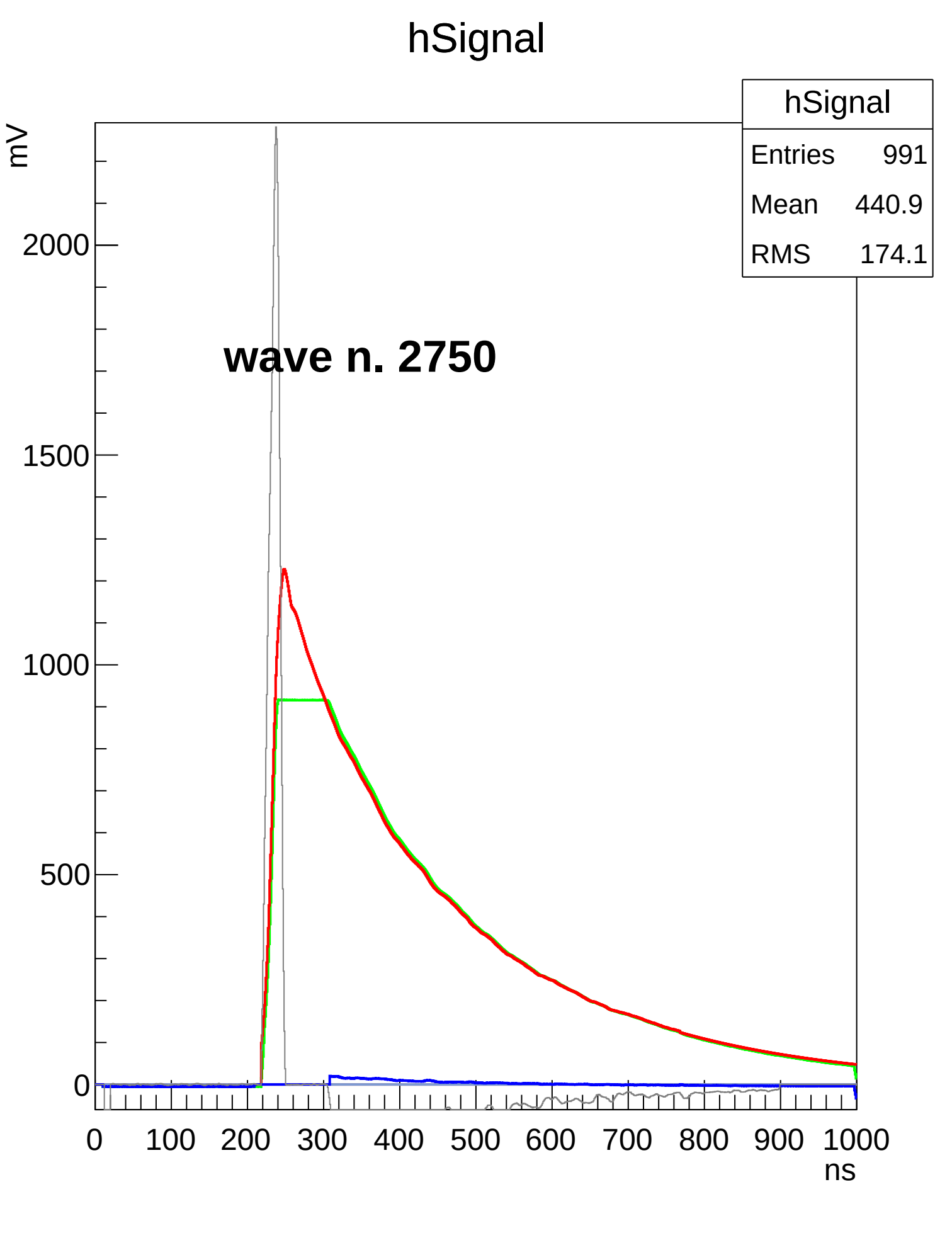
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 459.2
RMS 179.9
wave n. 2749
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 440.9
RMS 174.1
wave n. 2750
mV
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1500
1000
500
0
0
100
200
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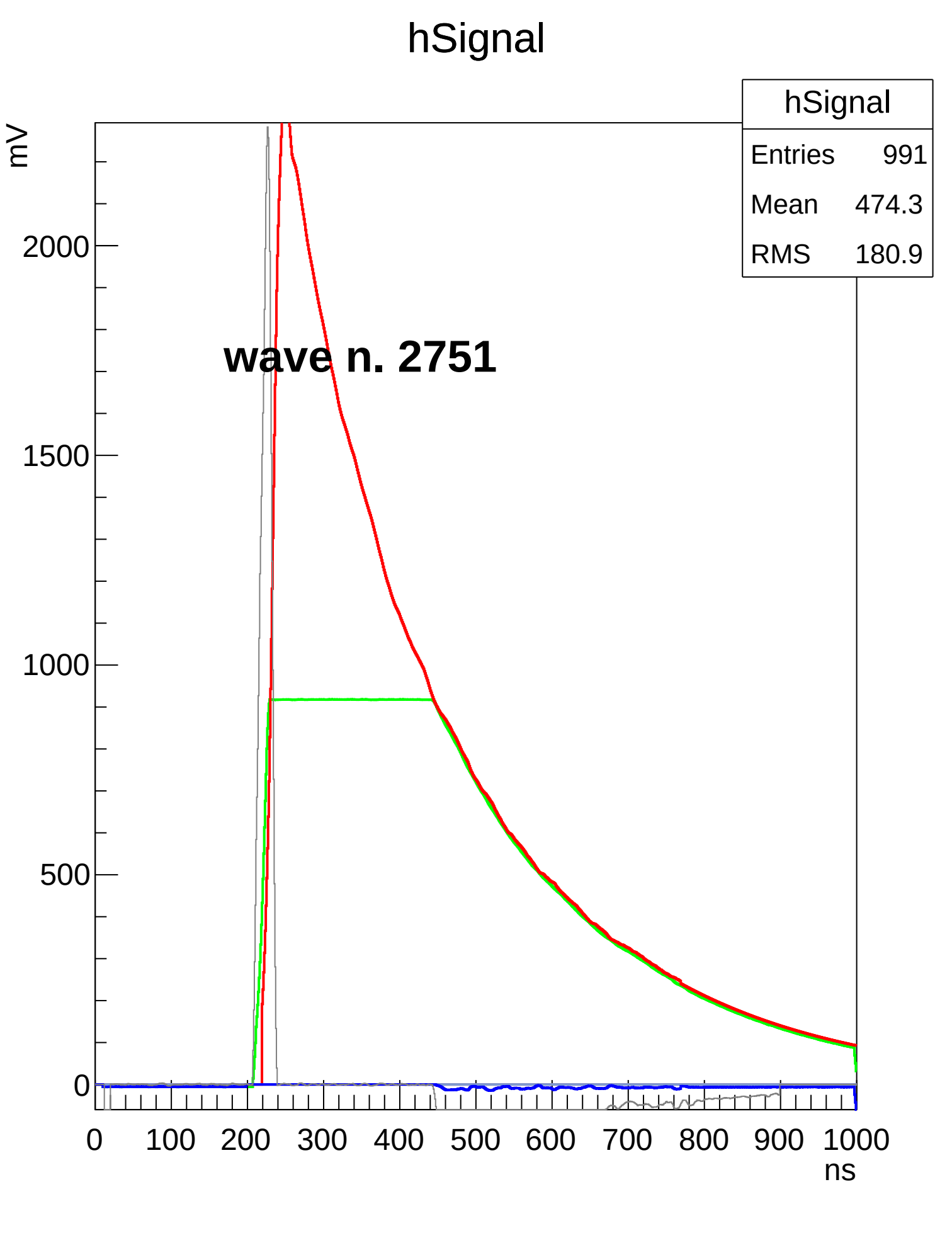
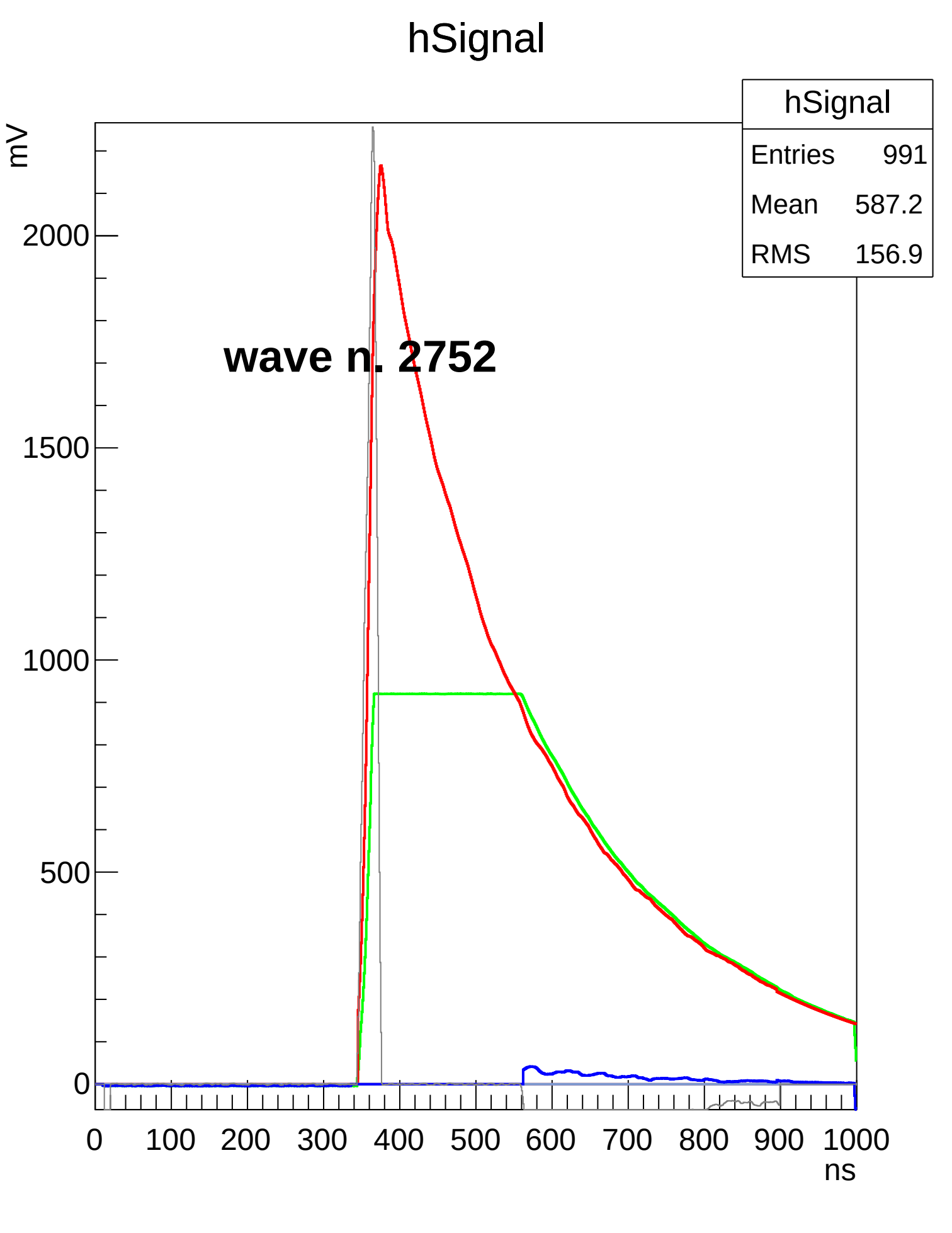
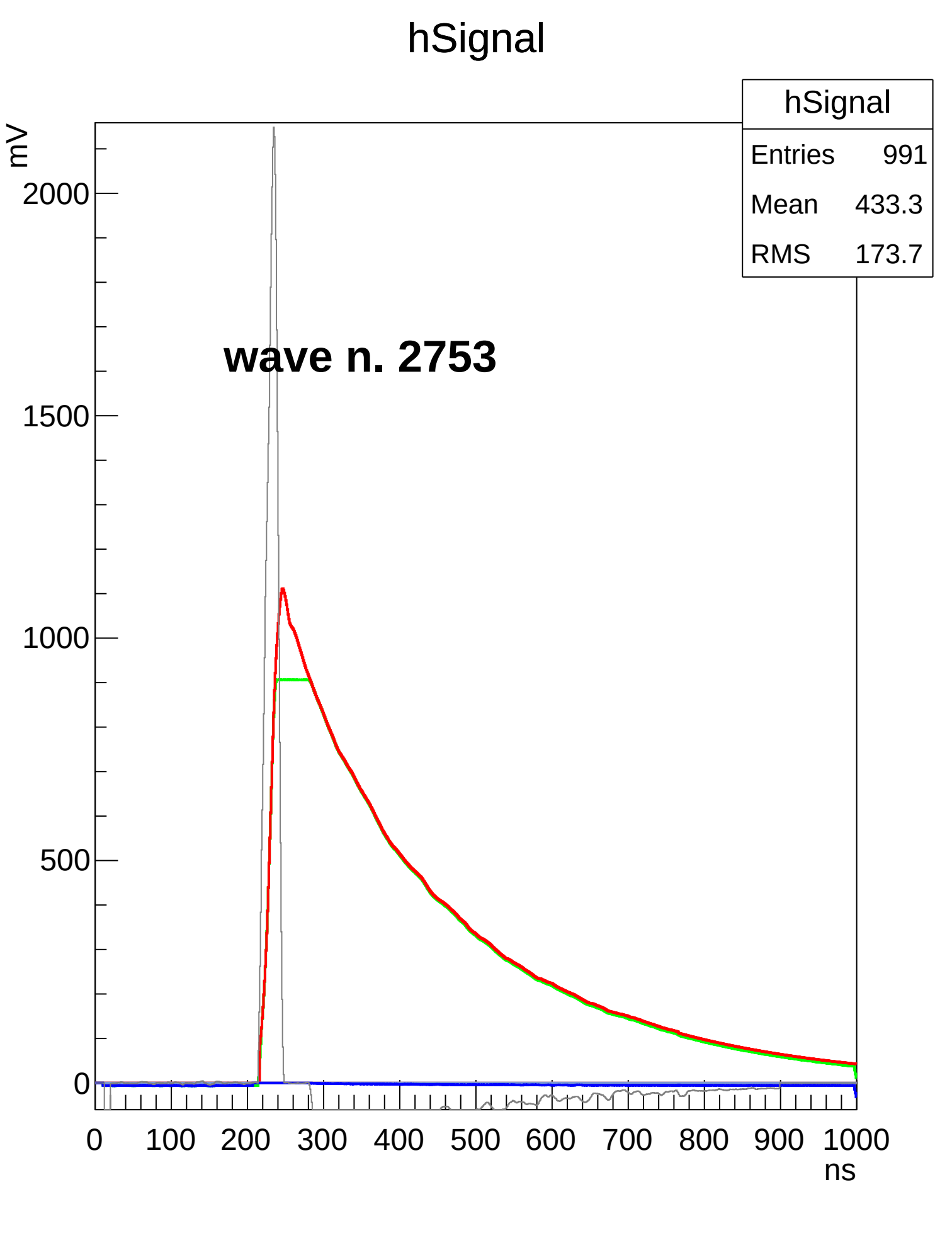
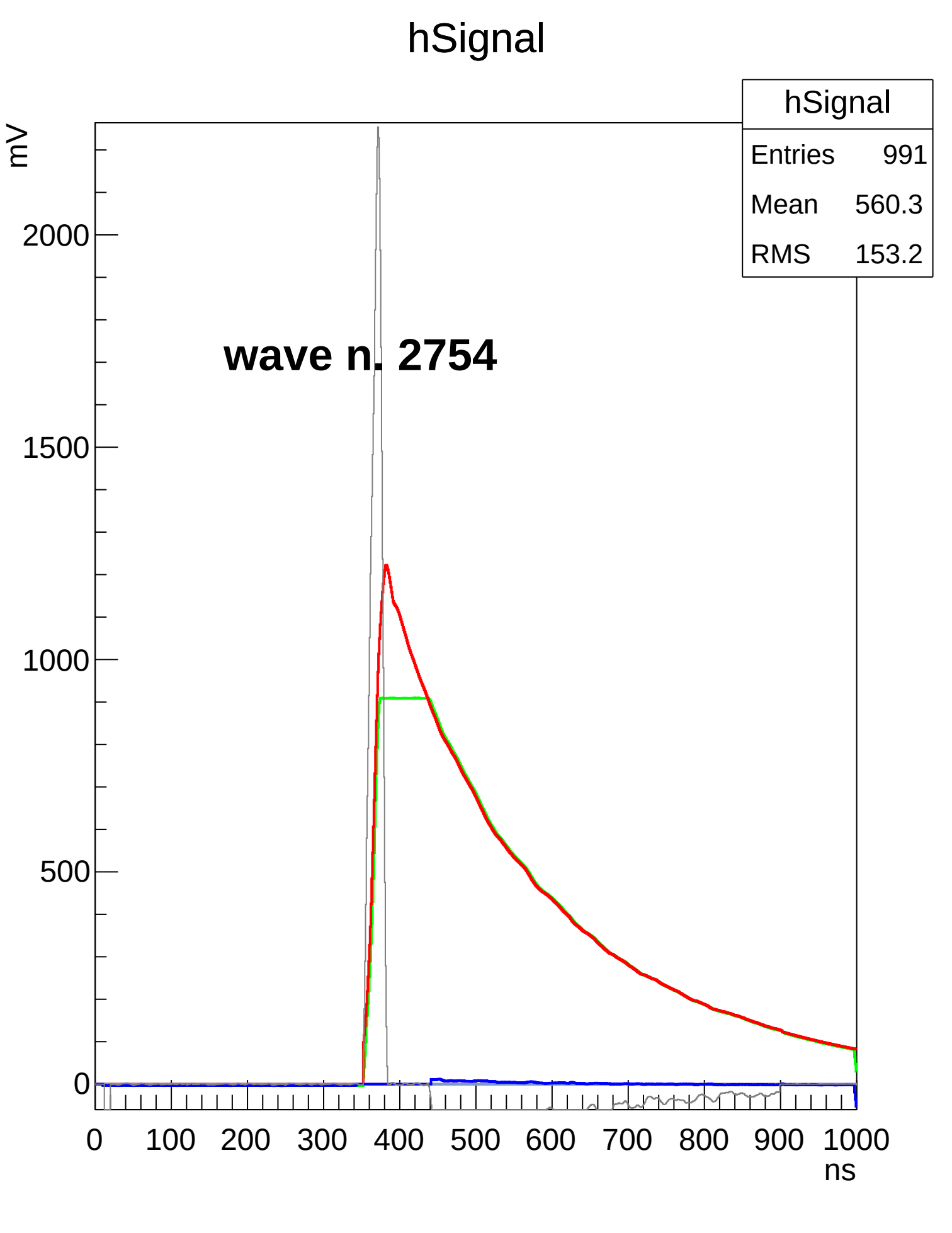
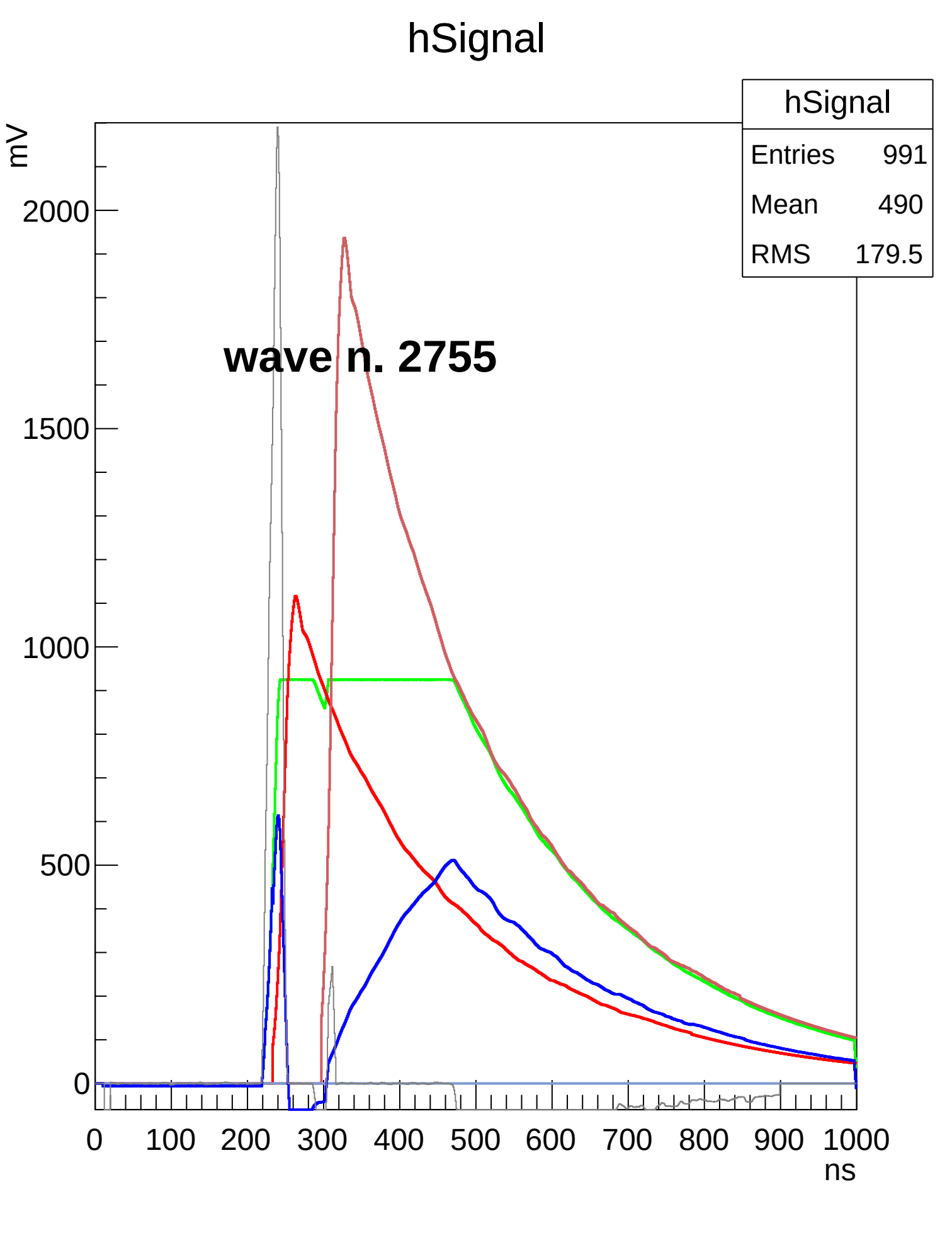
400
500
600
700
800
900
1000
ns

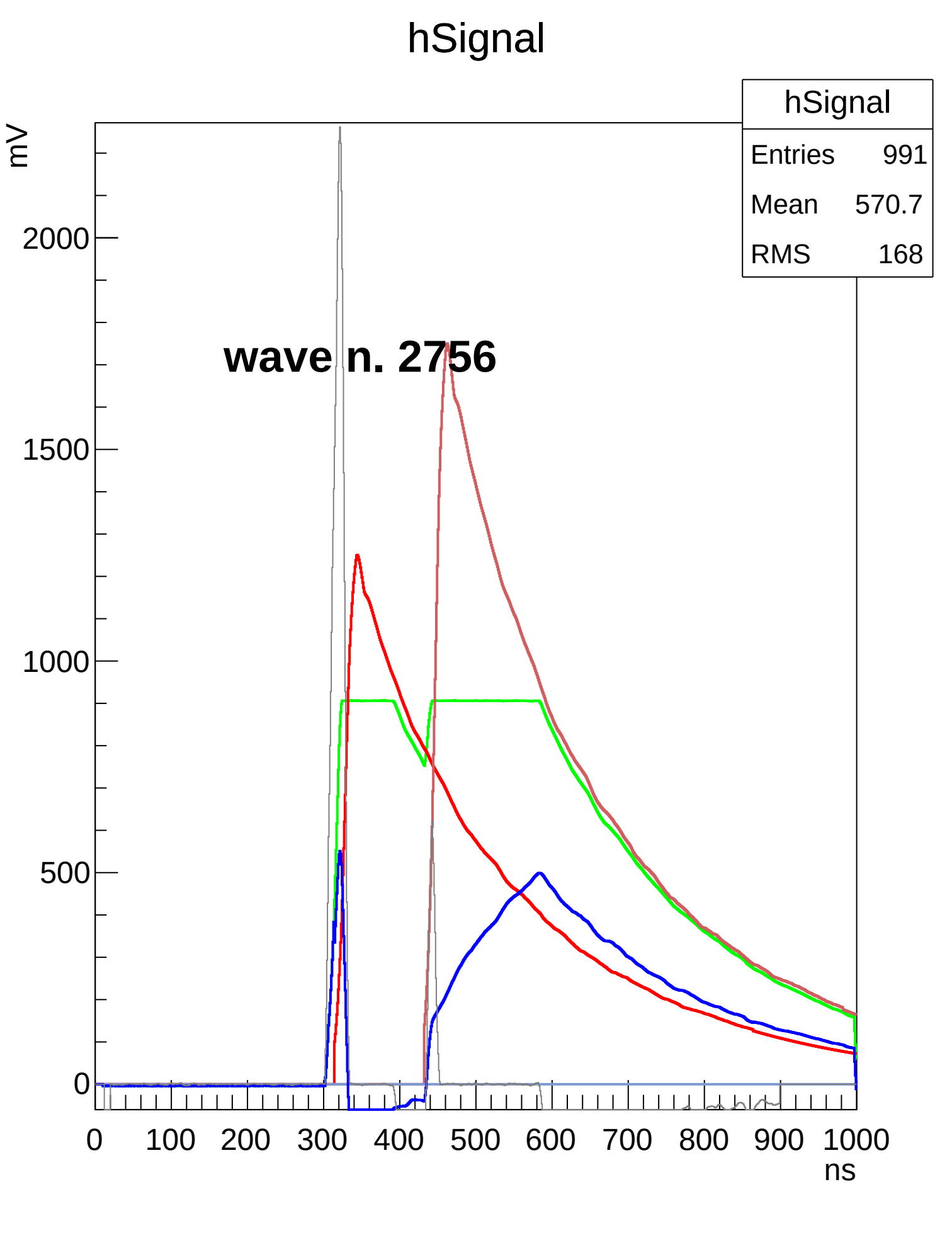

hSignal
hSignal
Entries 991
Mean 474.3
RMS 180.9
wave n. 2751
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 587.2
RMS 156.9
wave n. 2752
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 433.3
RMS 173.7
wave n. 2753
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.3
RMS 153.2
wave n. 2754
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 490
RMS 179.5
wave n. 2755
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 570.7
RMS 168
wave n. 2756
mV
2000
1500
1000
500
0
0
100
200
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400
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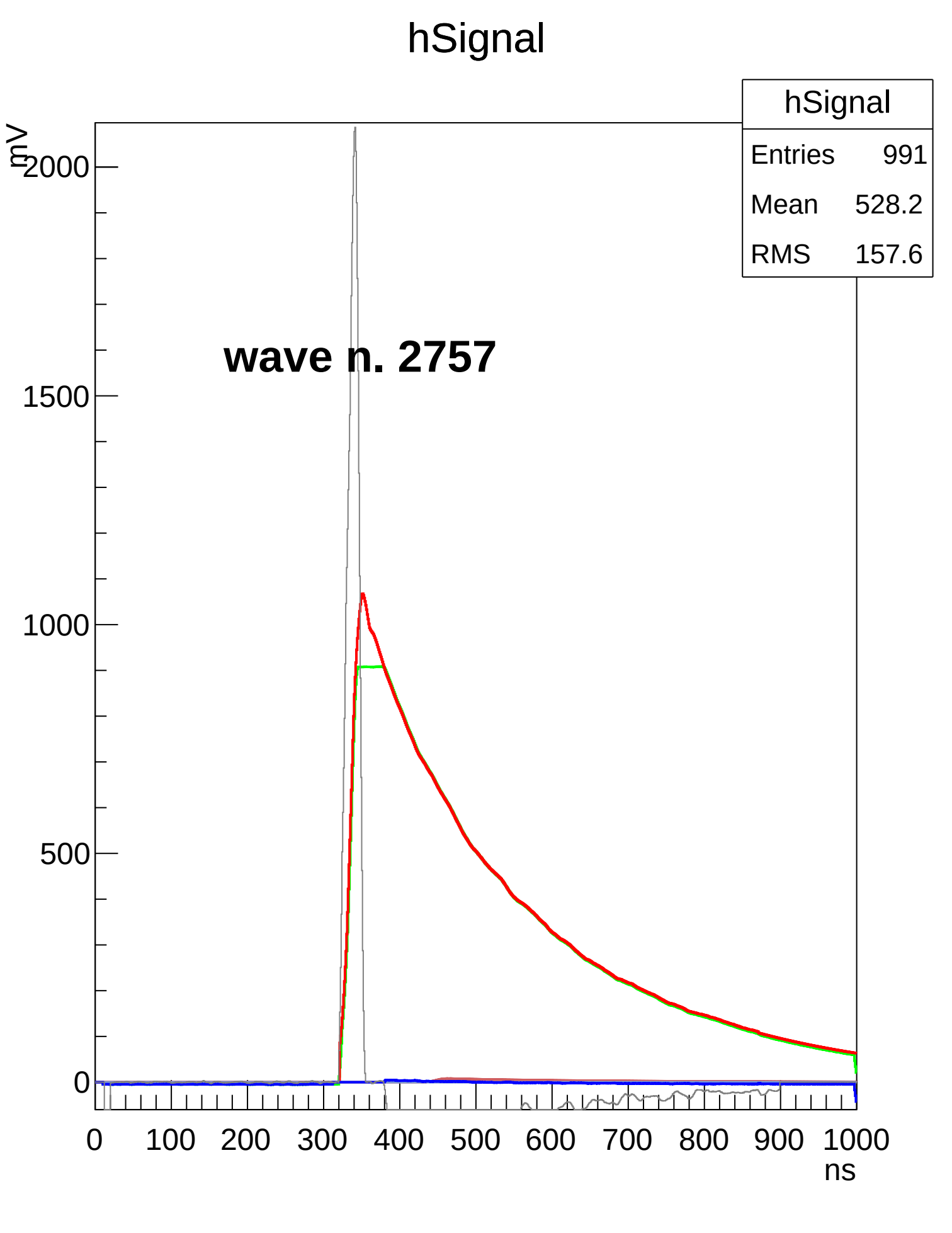
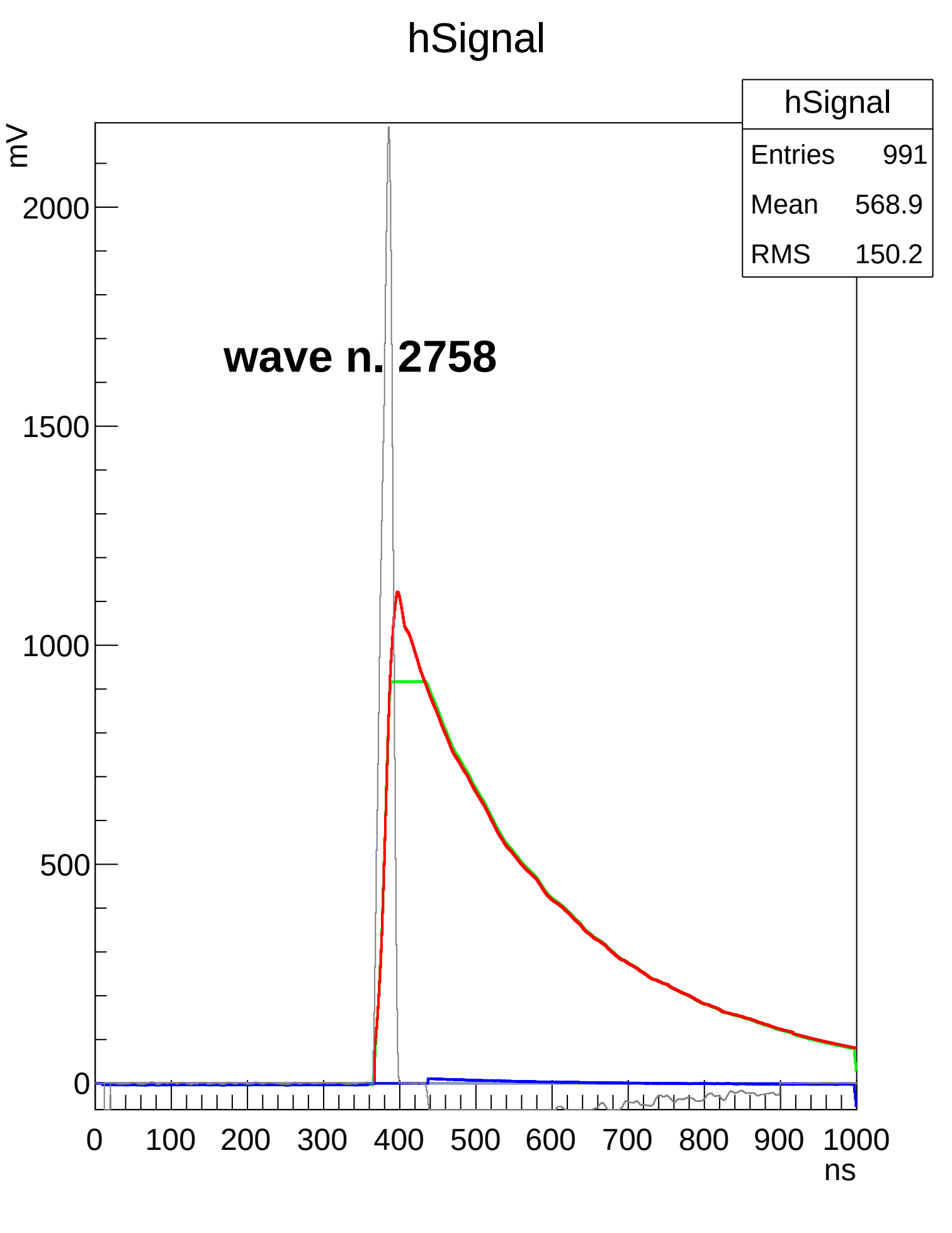
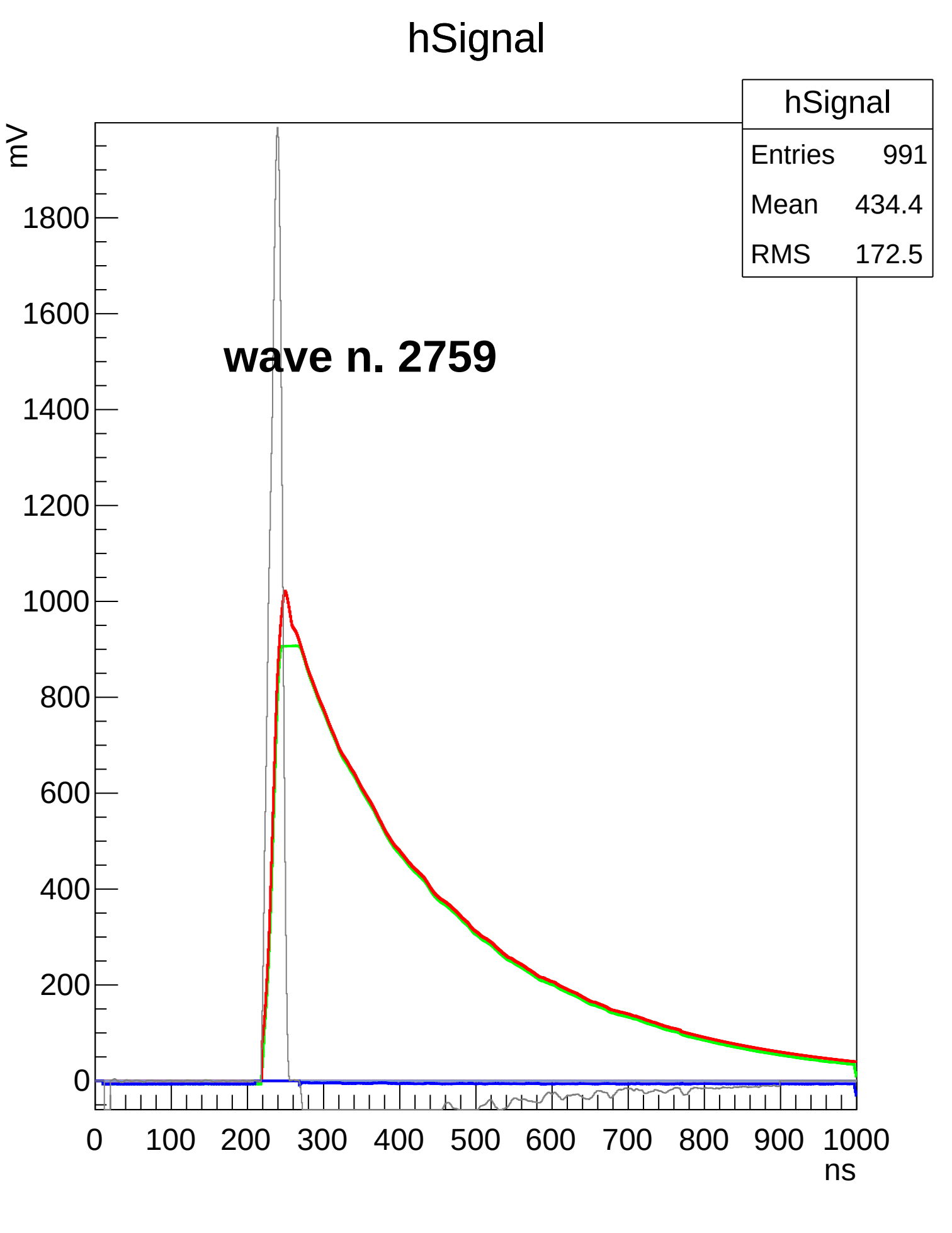
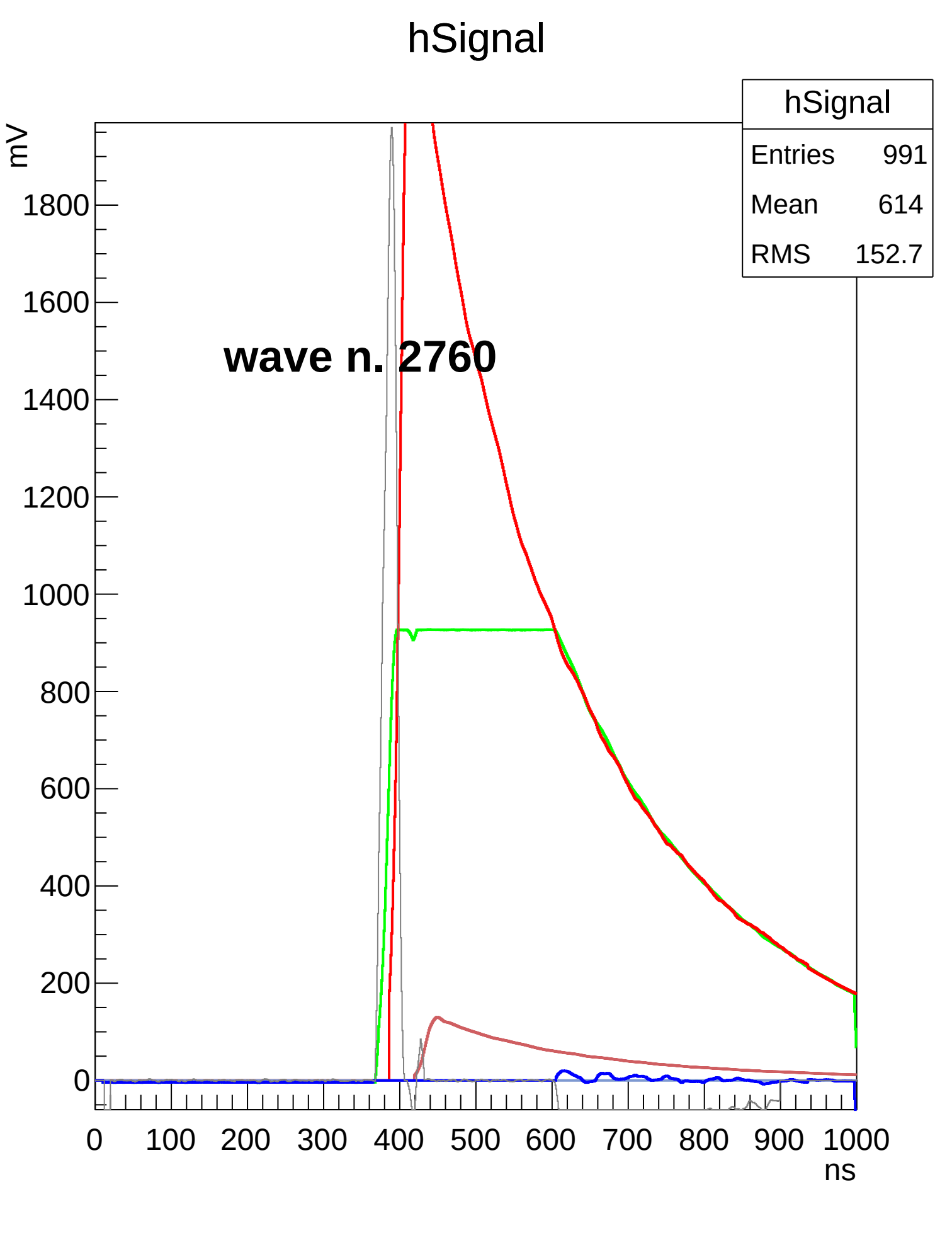
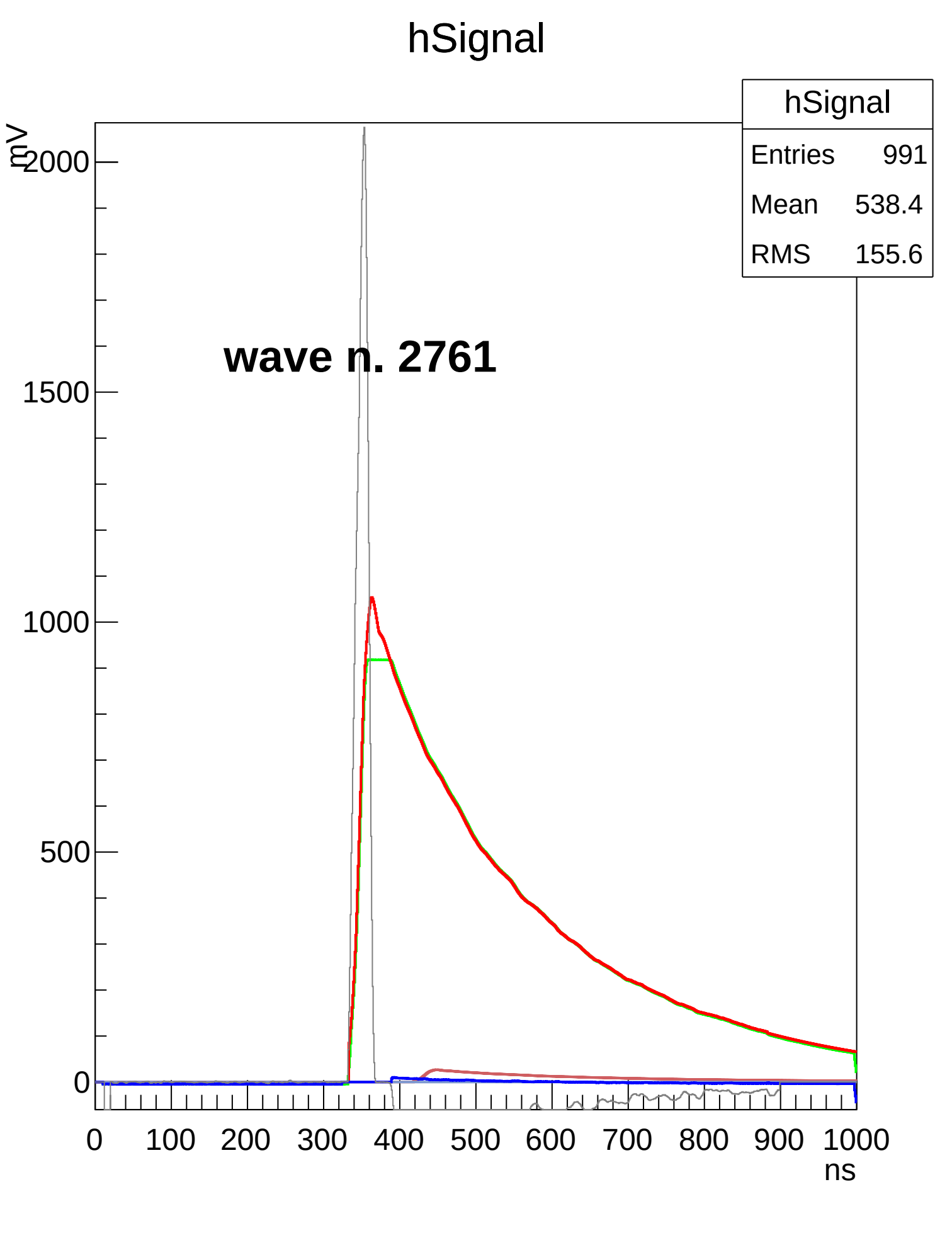
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 528.2
RMS 157.6
wave n. 2757
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 568.9
RMS 150.2
wave n. 2758
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 434.4
RMS 172.5
wave n. 2759
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 614
RMS 152.7
wave n. 2760
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 538.4
RMS 155.6
wave n. 2761
mV
2000
1500
1000
500
0
0
100
200
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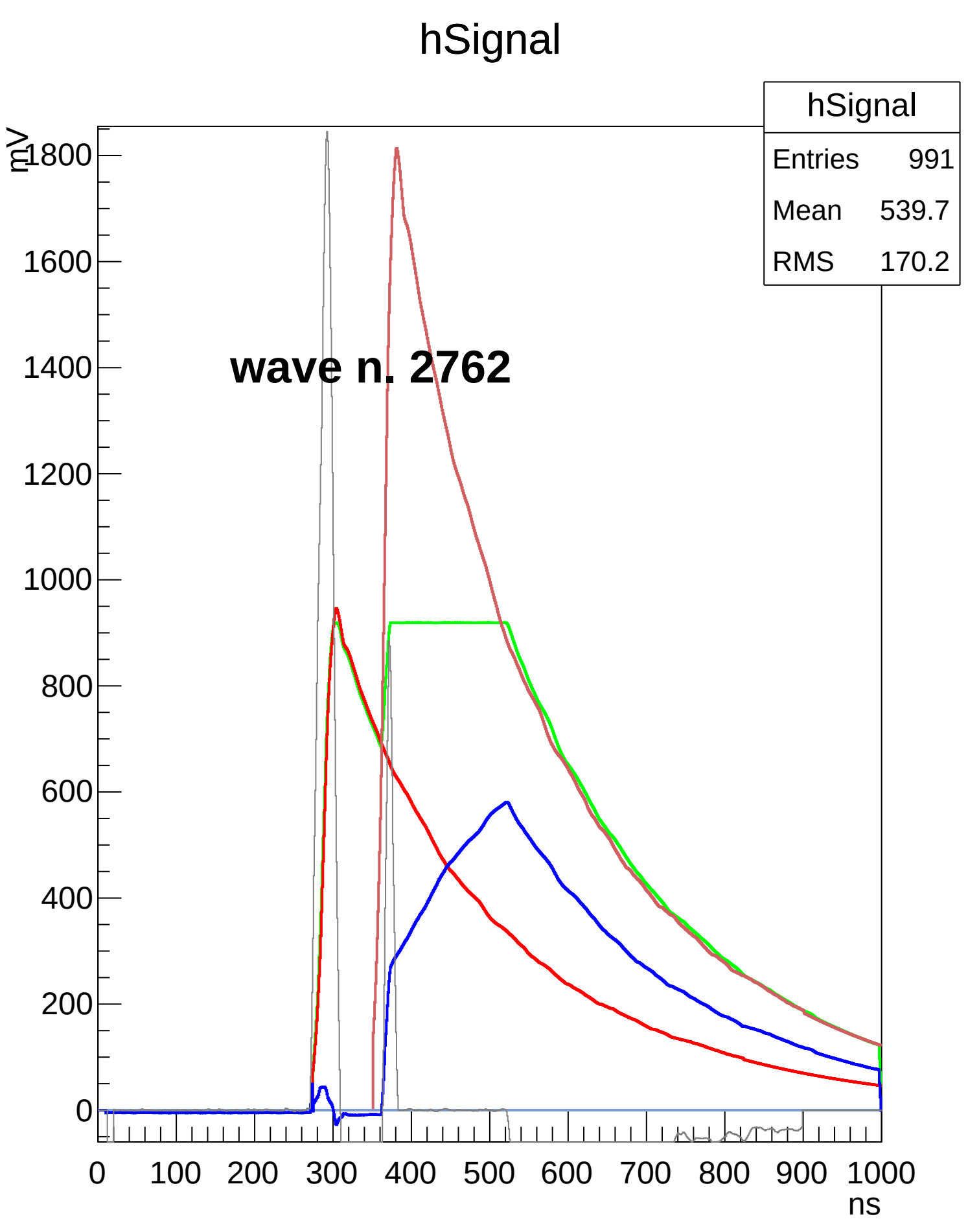
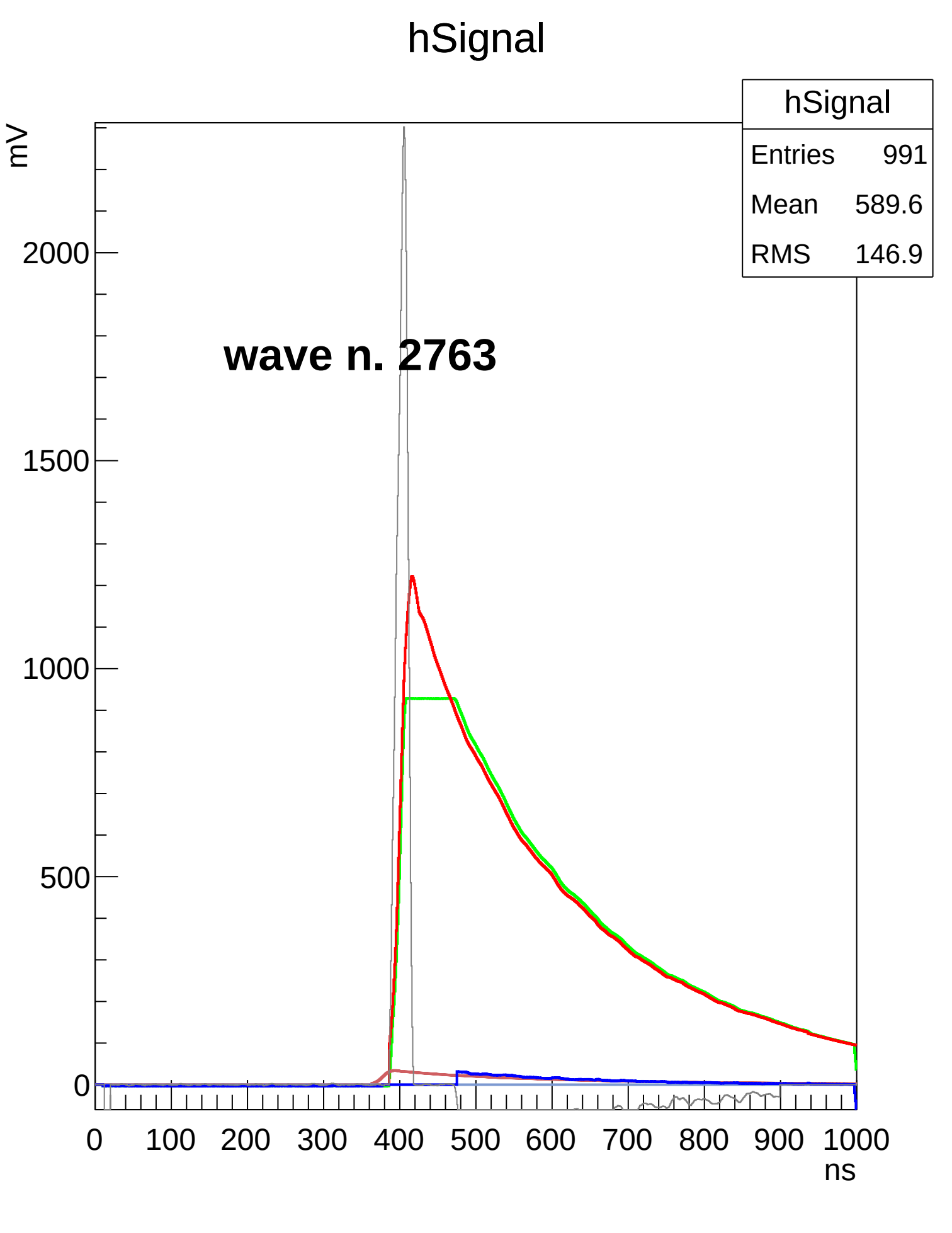
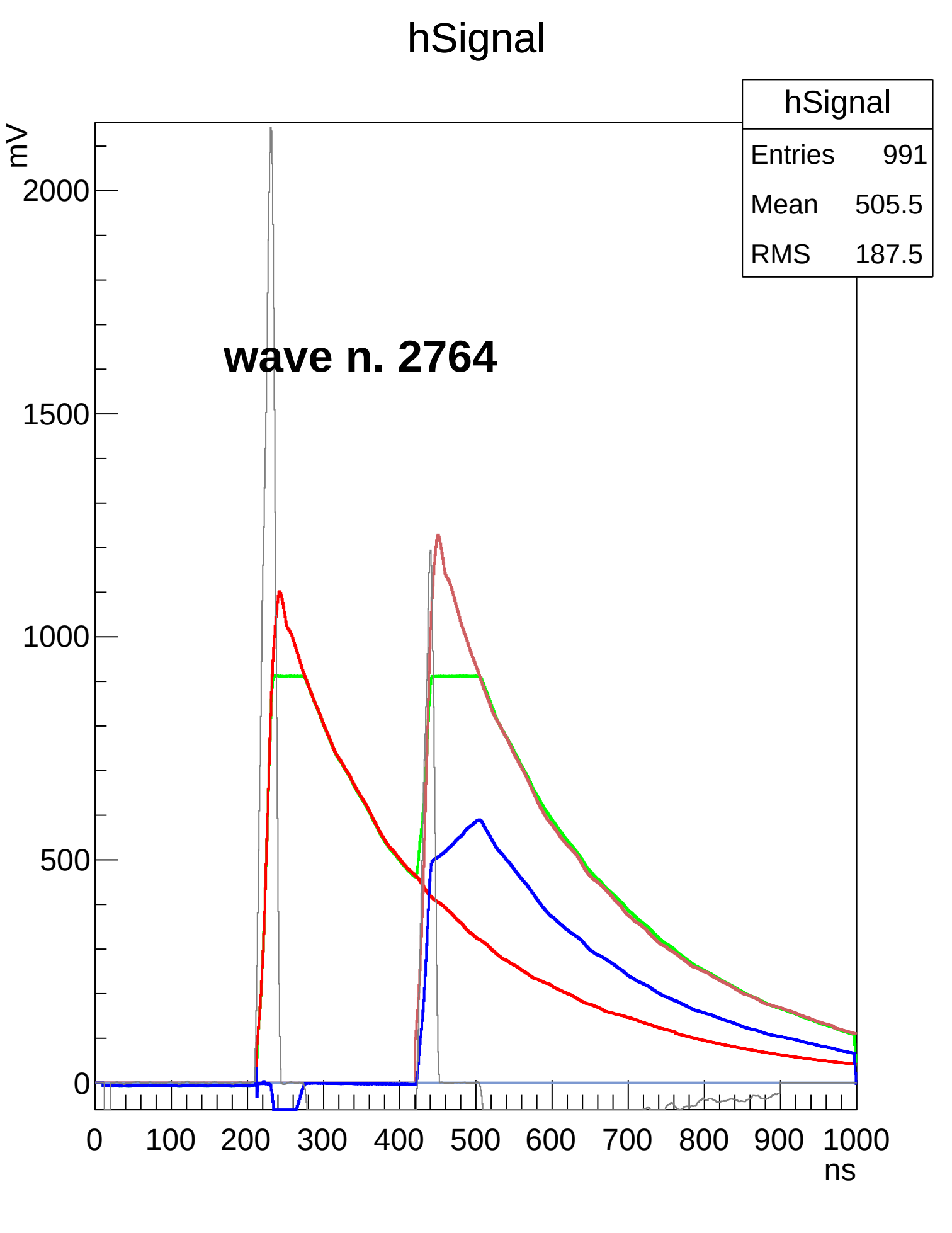
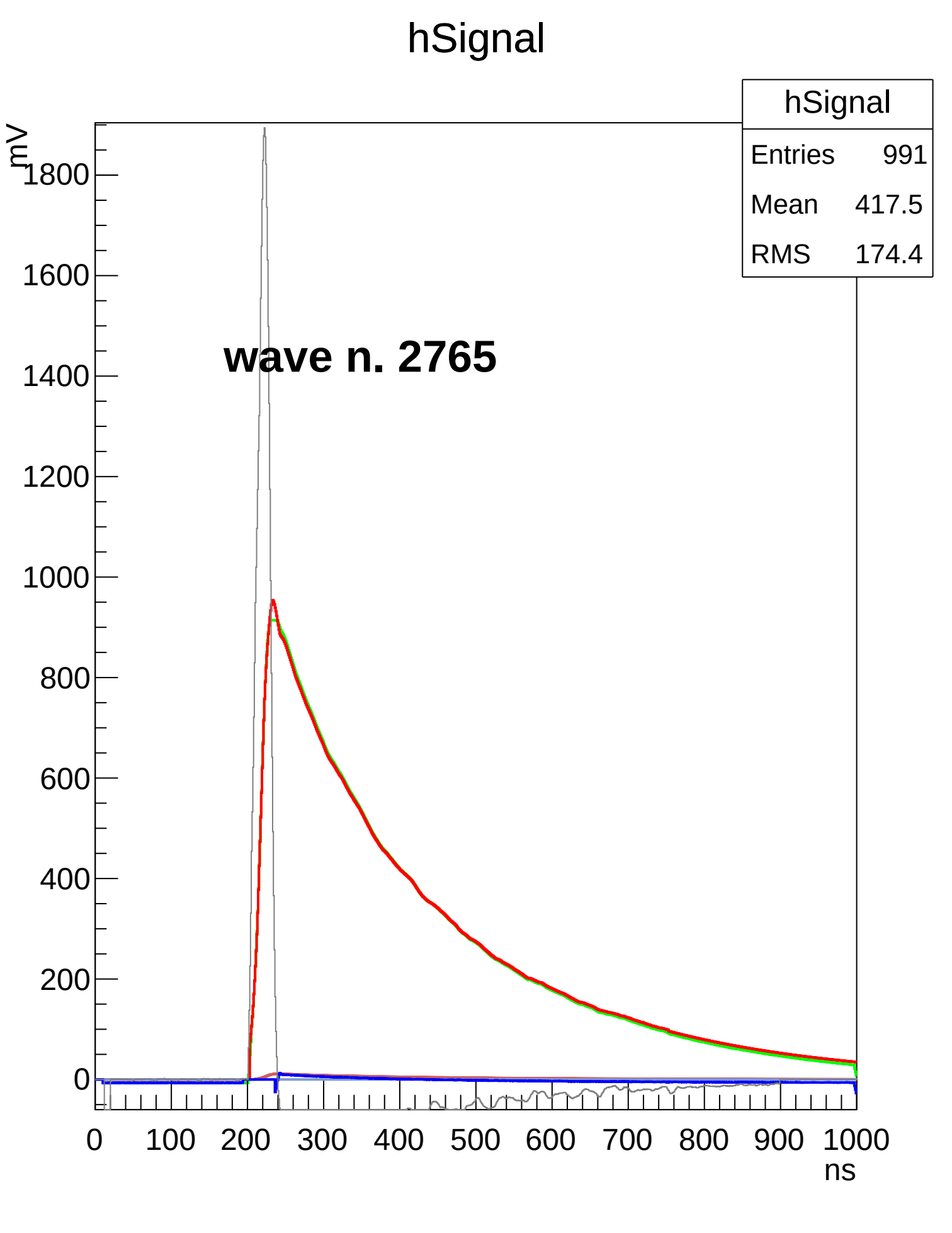
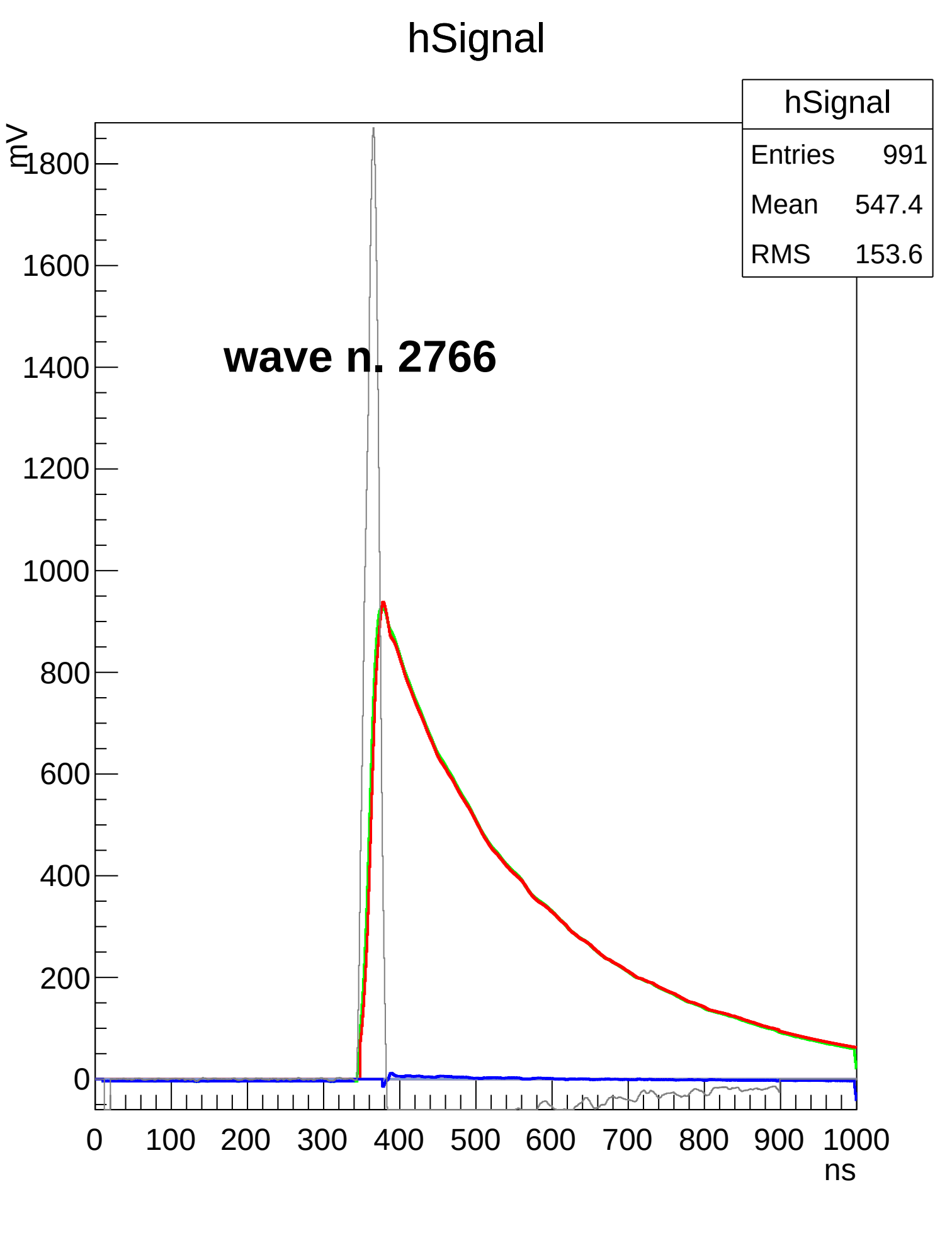
400
500
600
700
800
900
1000
ns

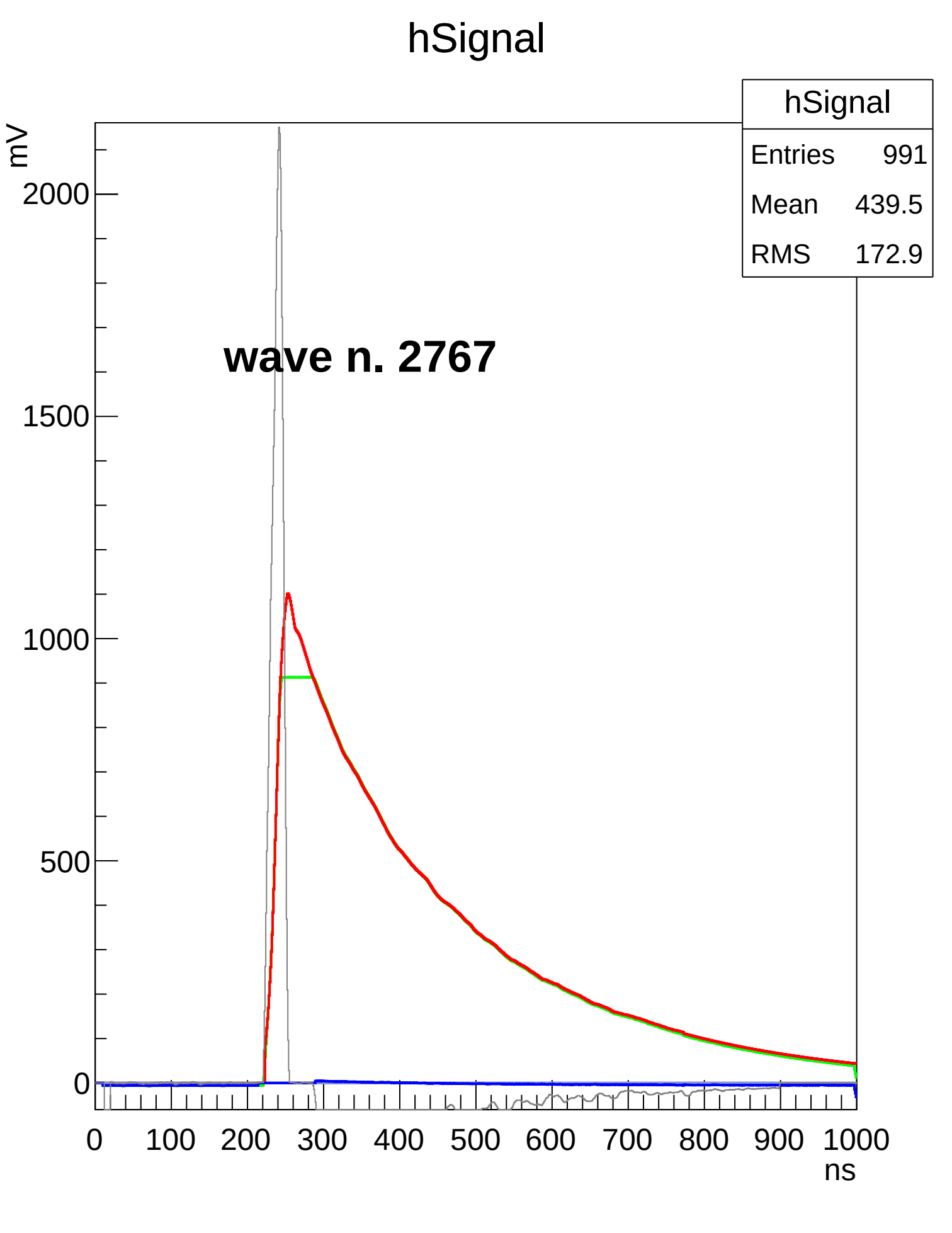

hSignal
hSignal
Entries 991
Mean 539.7
RMS 170.2
wave n. 2762
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

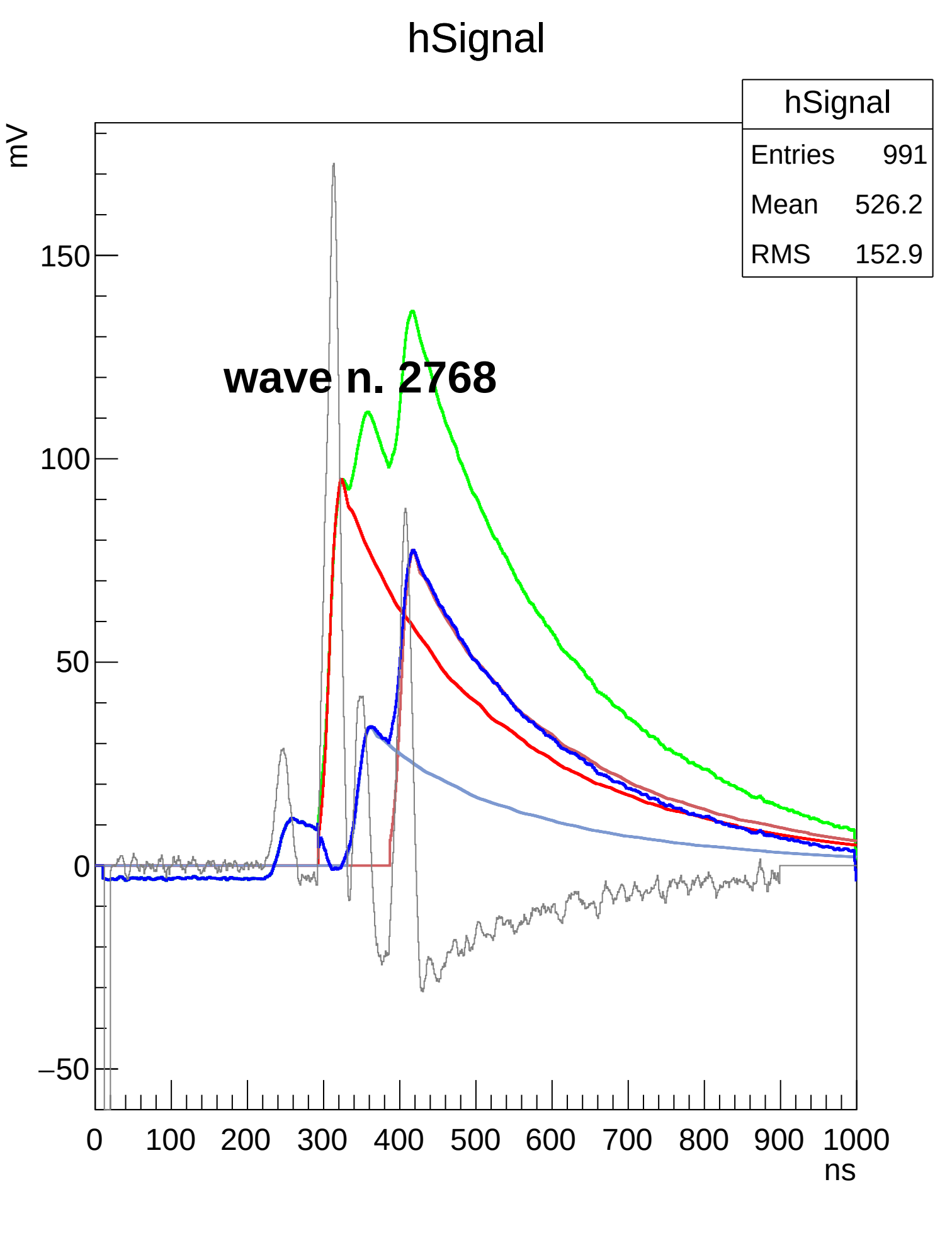

hSignal
hSignal
Entries 991
Mean 589.6
RMS 146.9
wave n. 2763
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 505.5
RMS 187.5
wave n. 2764
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 417.5
RMS 174.4
wave n. 2765
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547.4
RMS 153.6
wave n. 2766
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 439.5
RMS 172.9
wave n. 2767
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 526.2
RMS 152.9
wave n. 2768
mV
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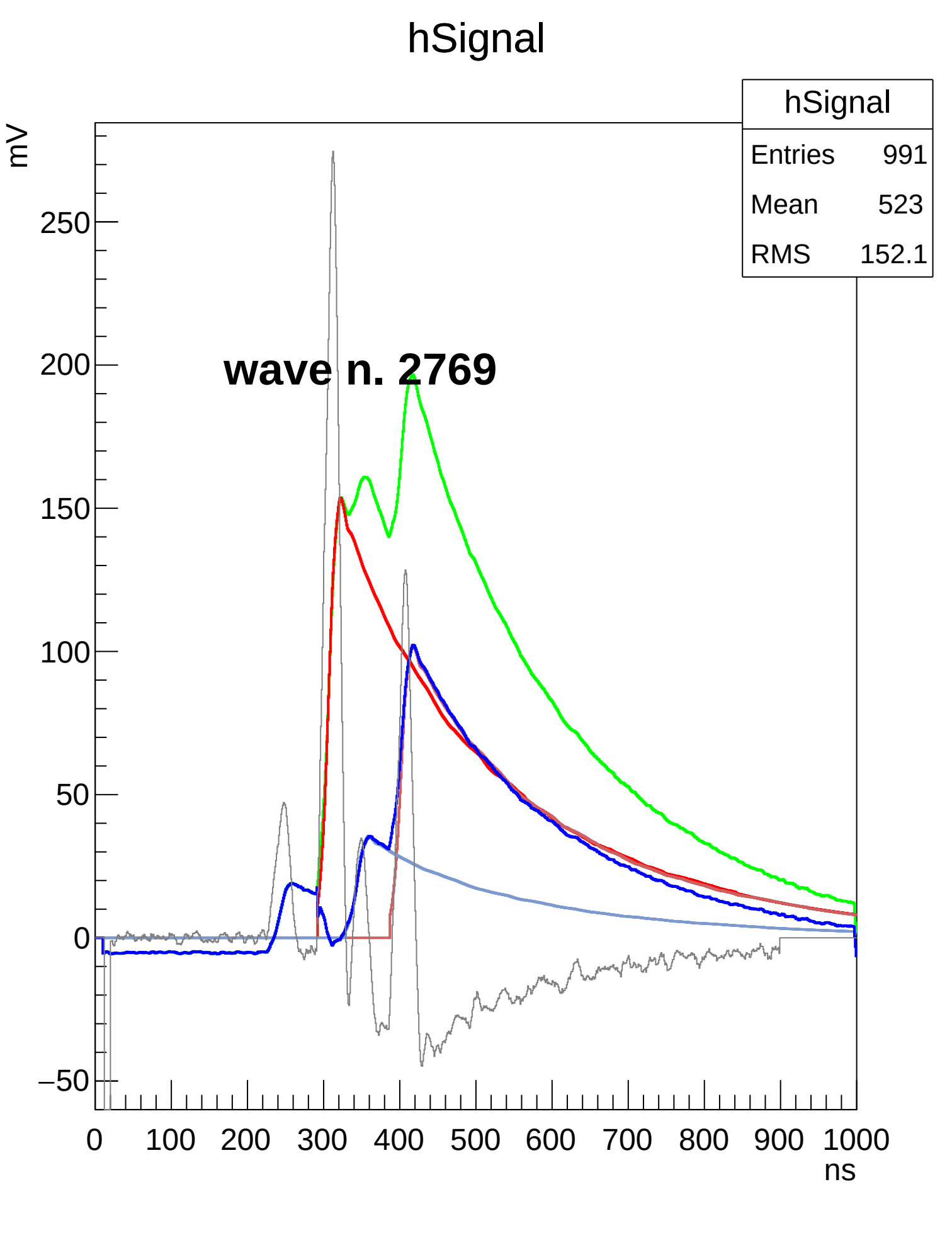
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns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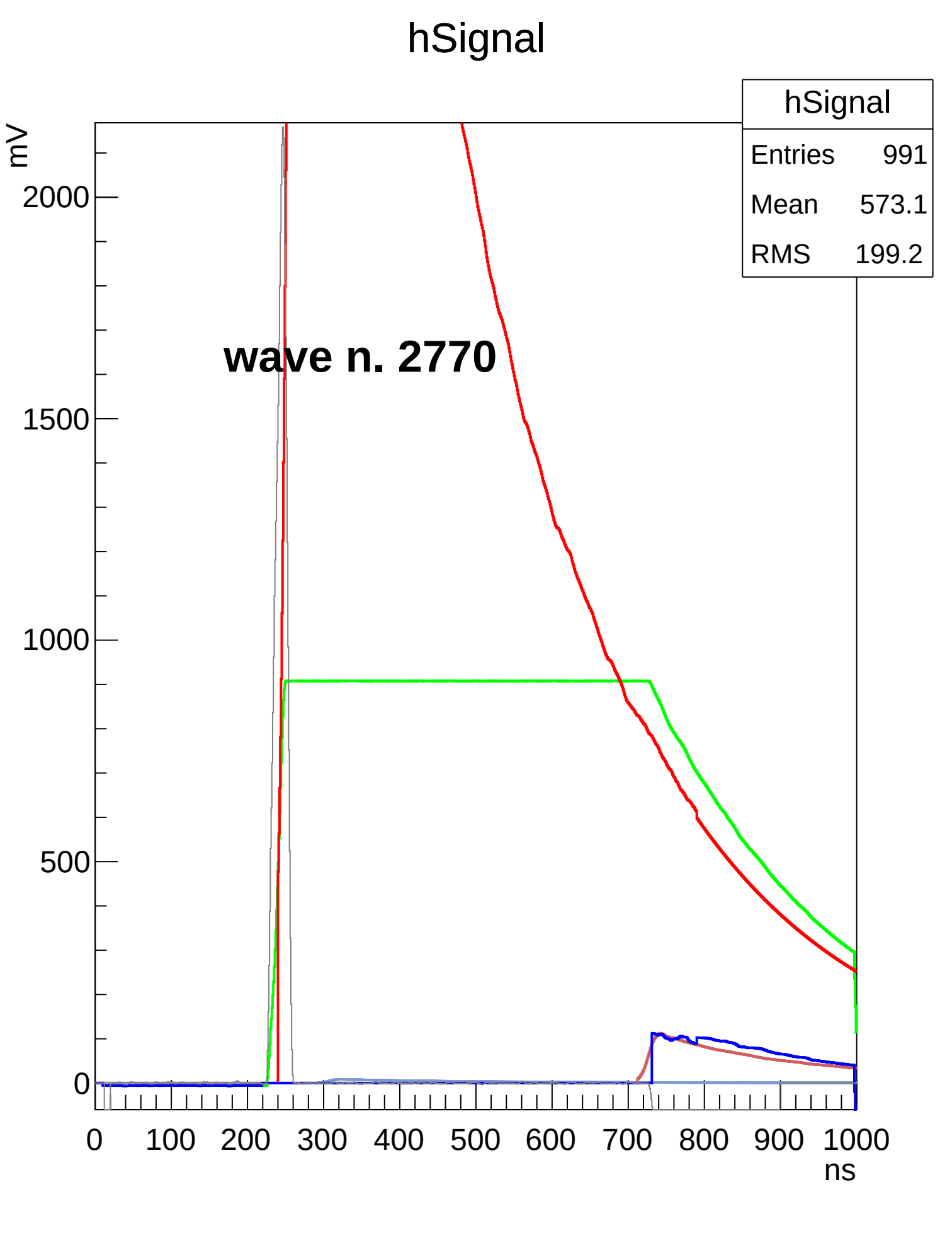
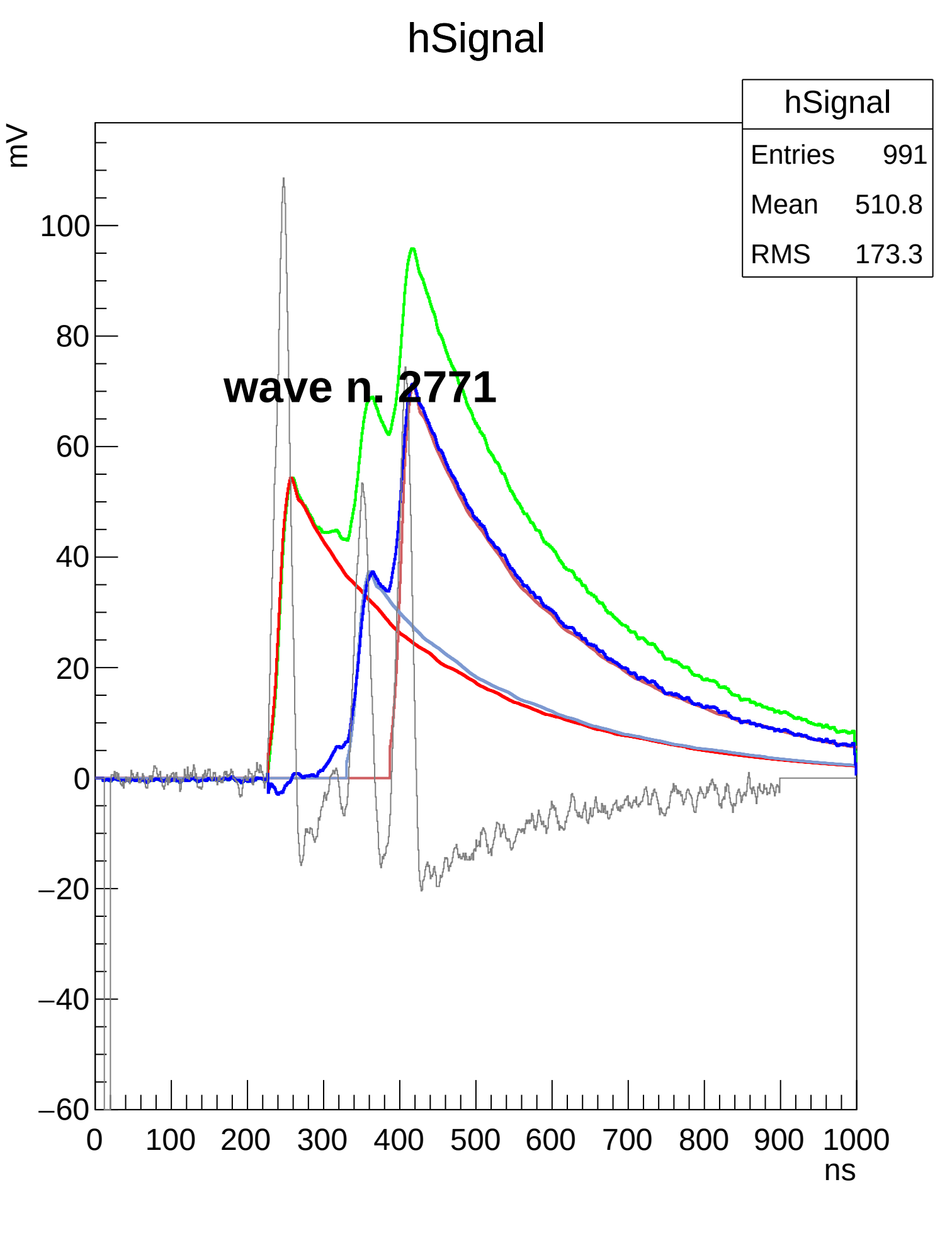
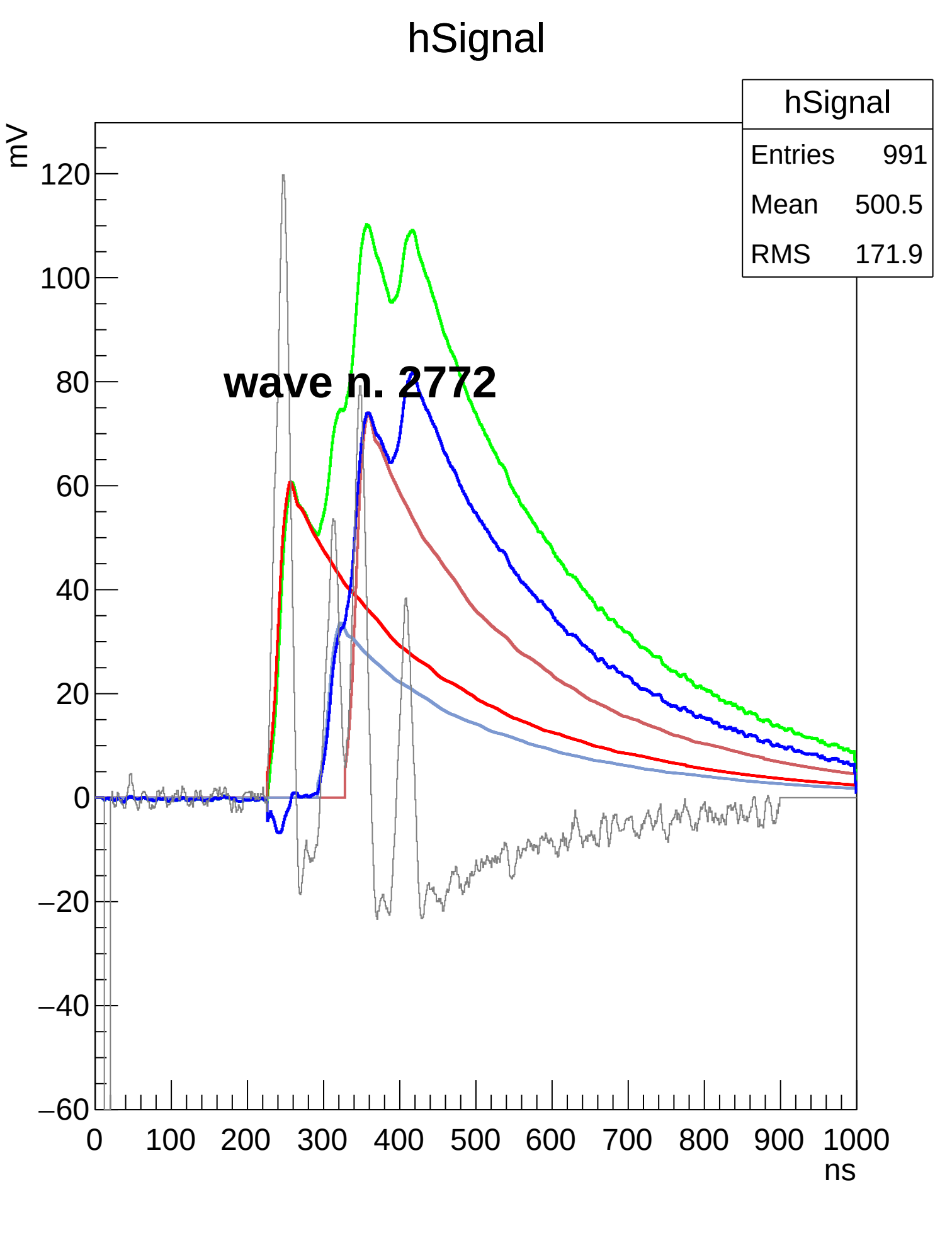
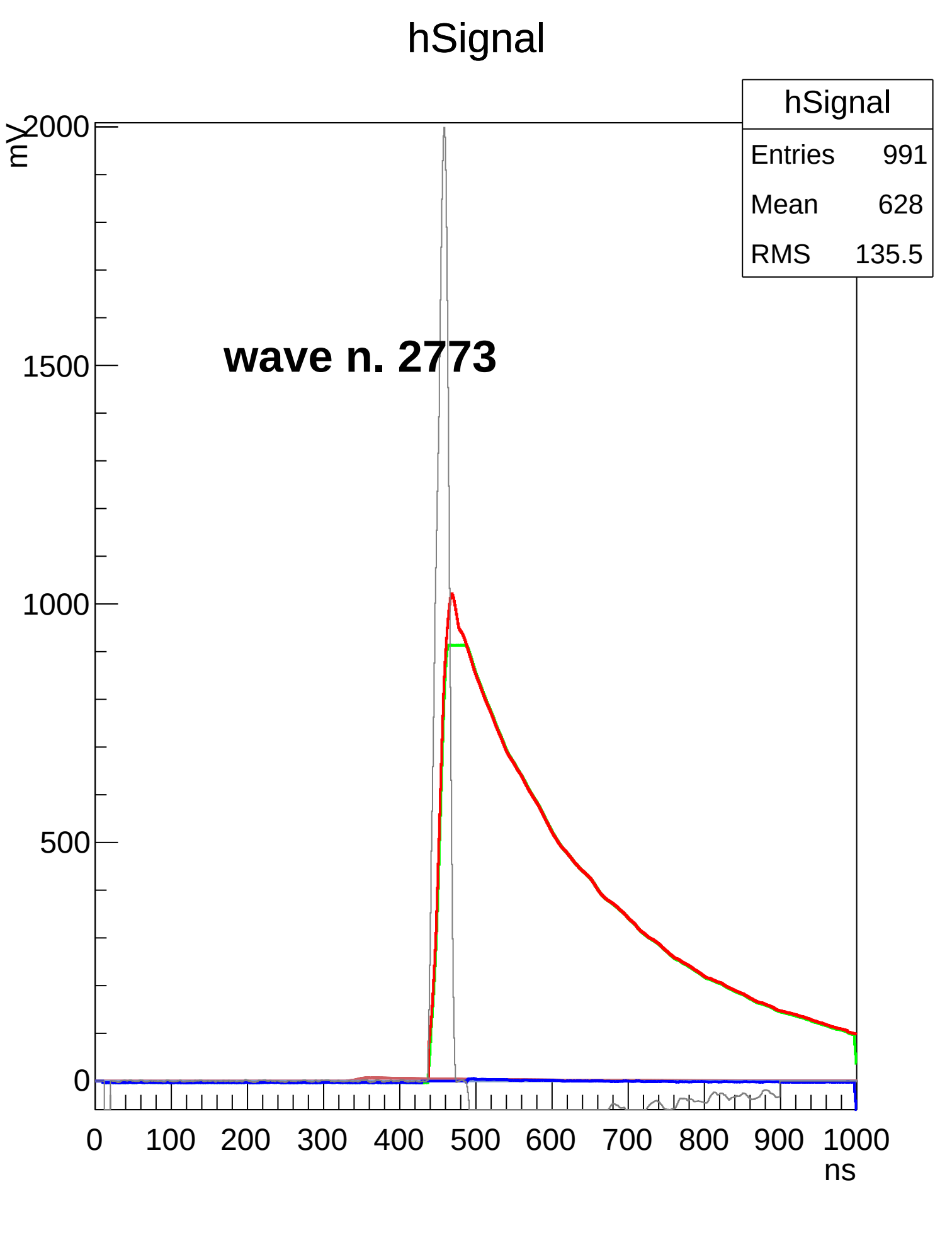
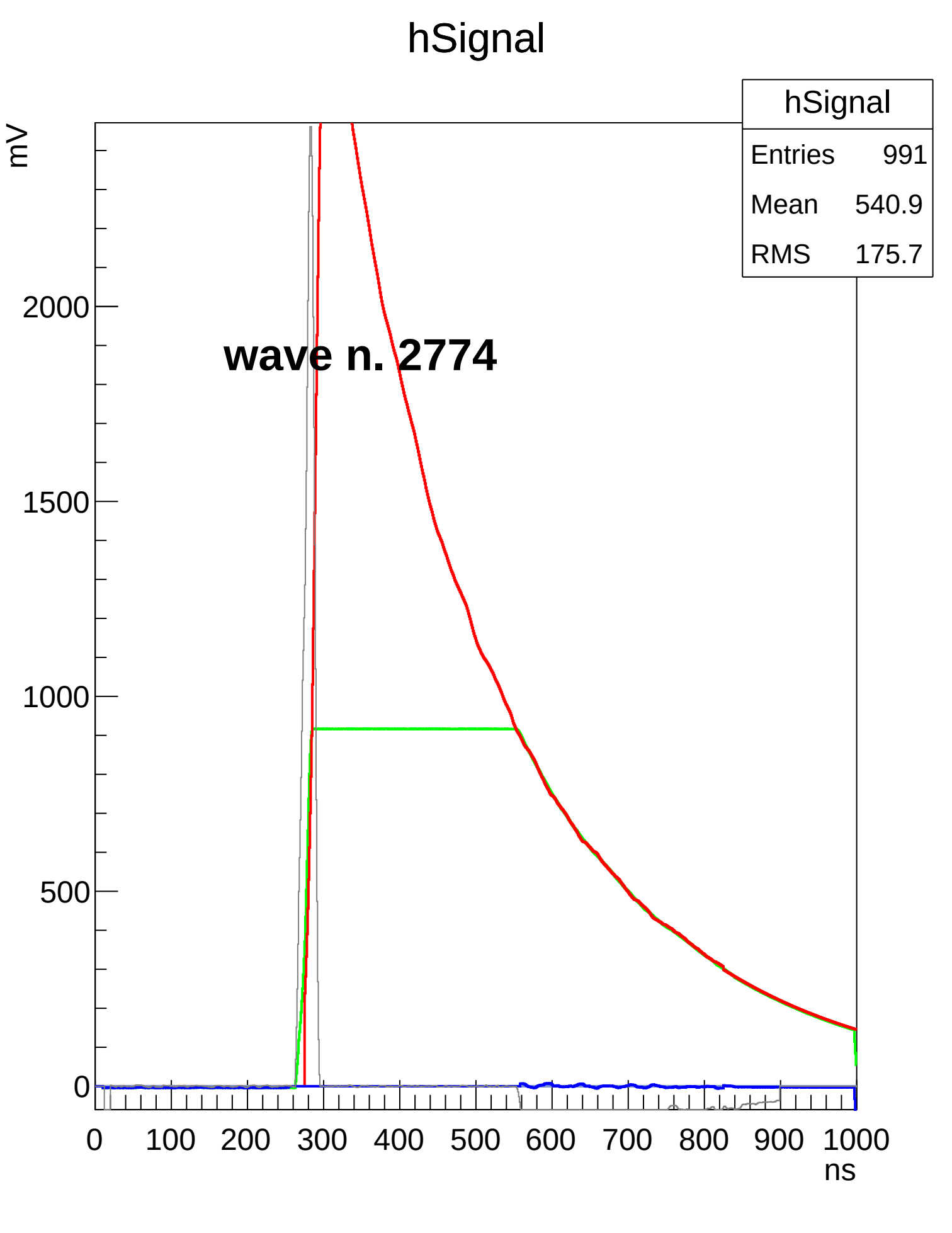
hSignal
Entries 991
Mean 523
RMS 152.1
wave n. 2769
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

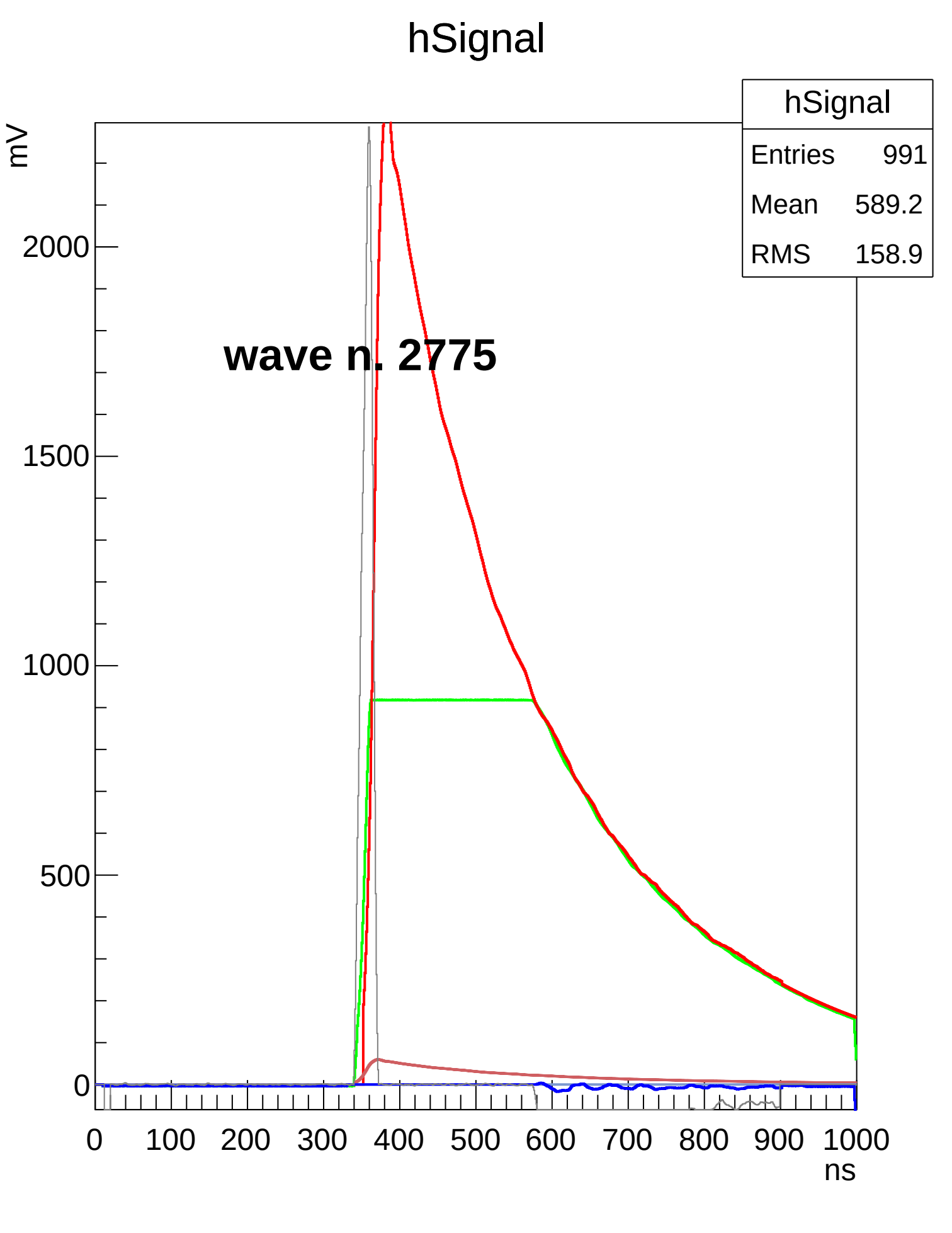

hSignal
hSignal
Entries 991
Mean 573.1
RMS 199.2
wave n. 2770
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

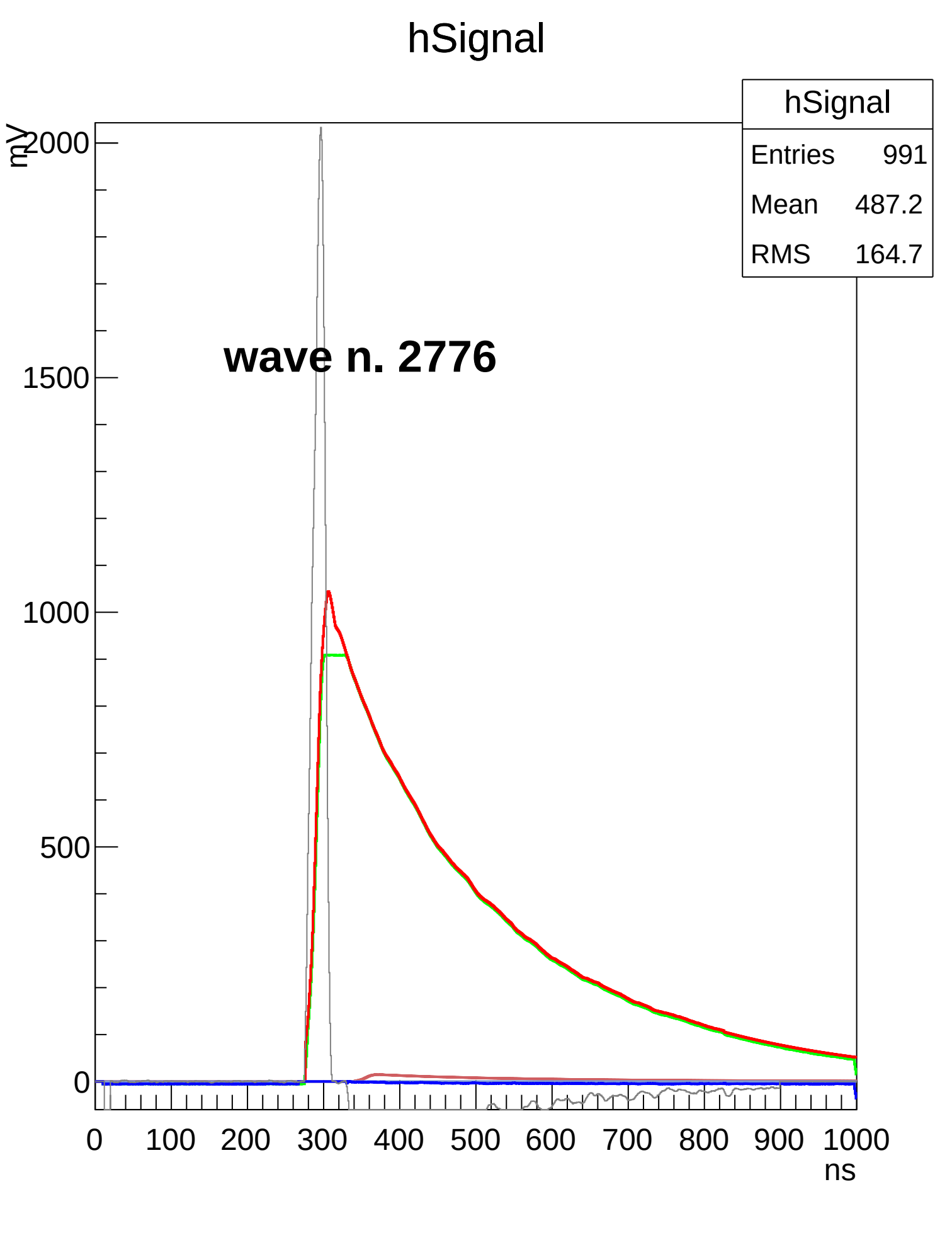

hSignal
hSignal
Entries 991
Mean 510.8
RMS 173.3
wave n. 2771
mV
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 500.5
RMS 171.9
wave n. 2772
mV
120
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 628
RMS 135.5
wave n. 2773
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 540.9
RMS 175.7
wave n. 2774
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 589.2
RMS 158.9
wave n. 2775
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 487.2
RMS 164.7
wave n. 2776
mV
2000
1500
1000
500
0
0
100
200
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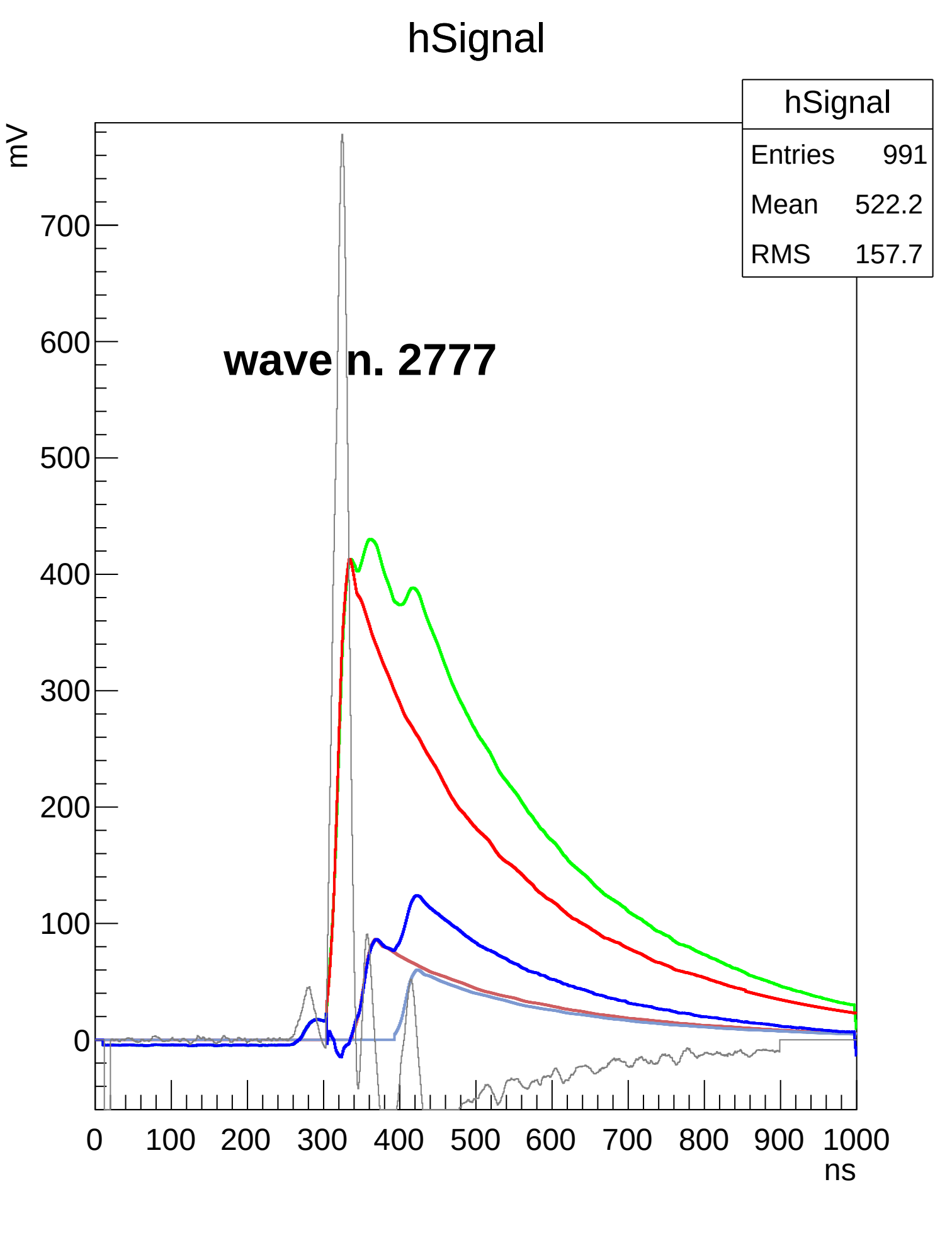
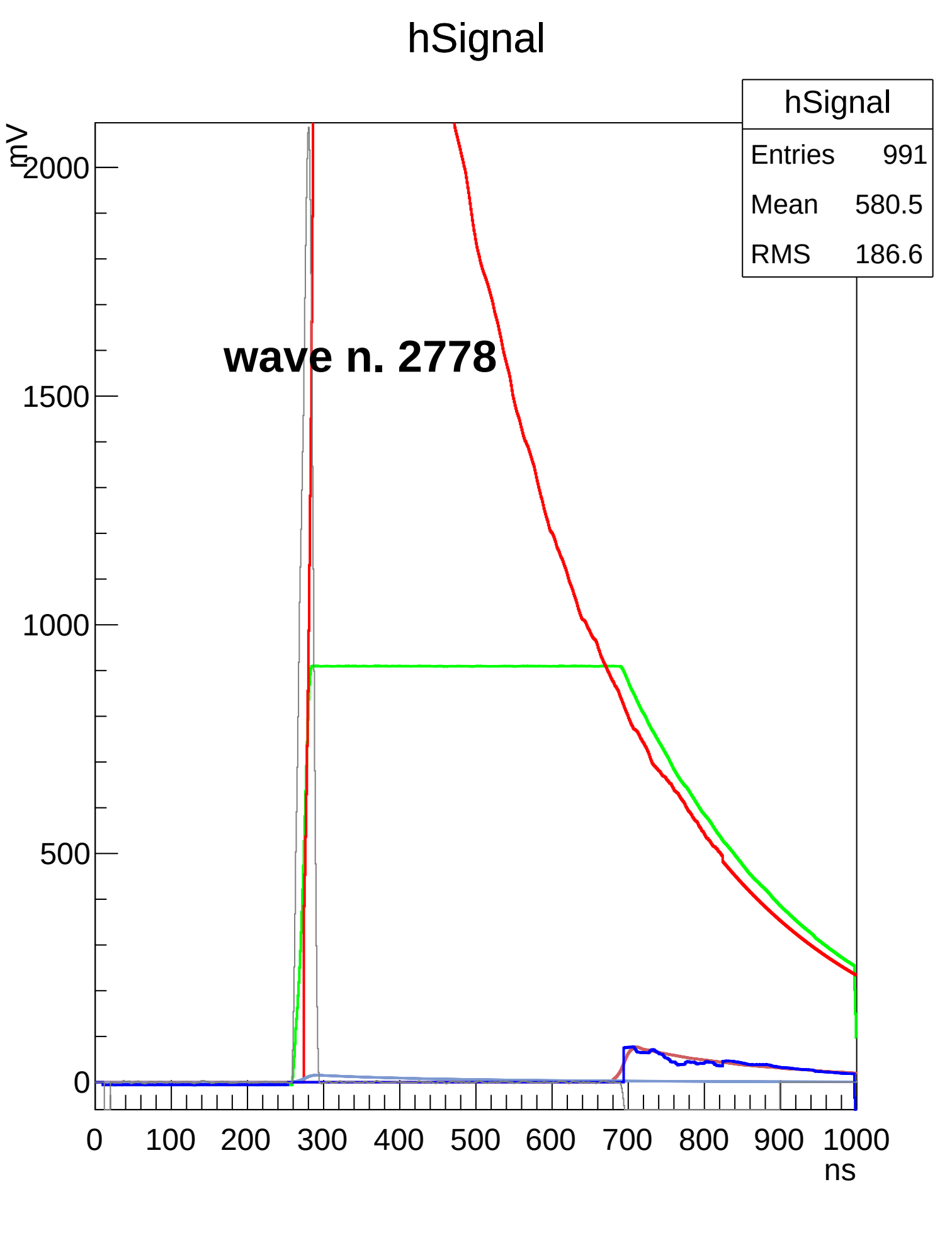
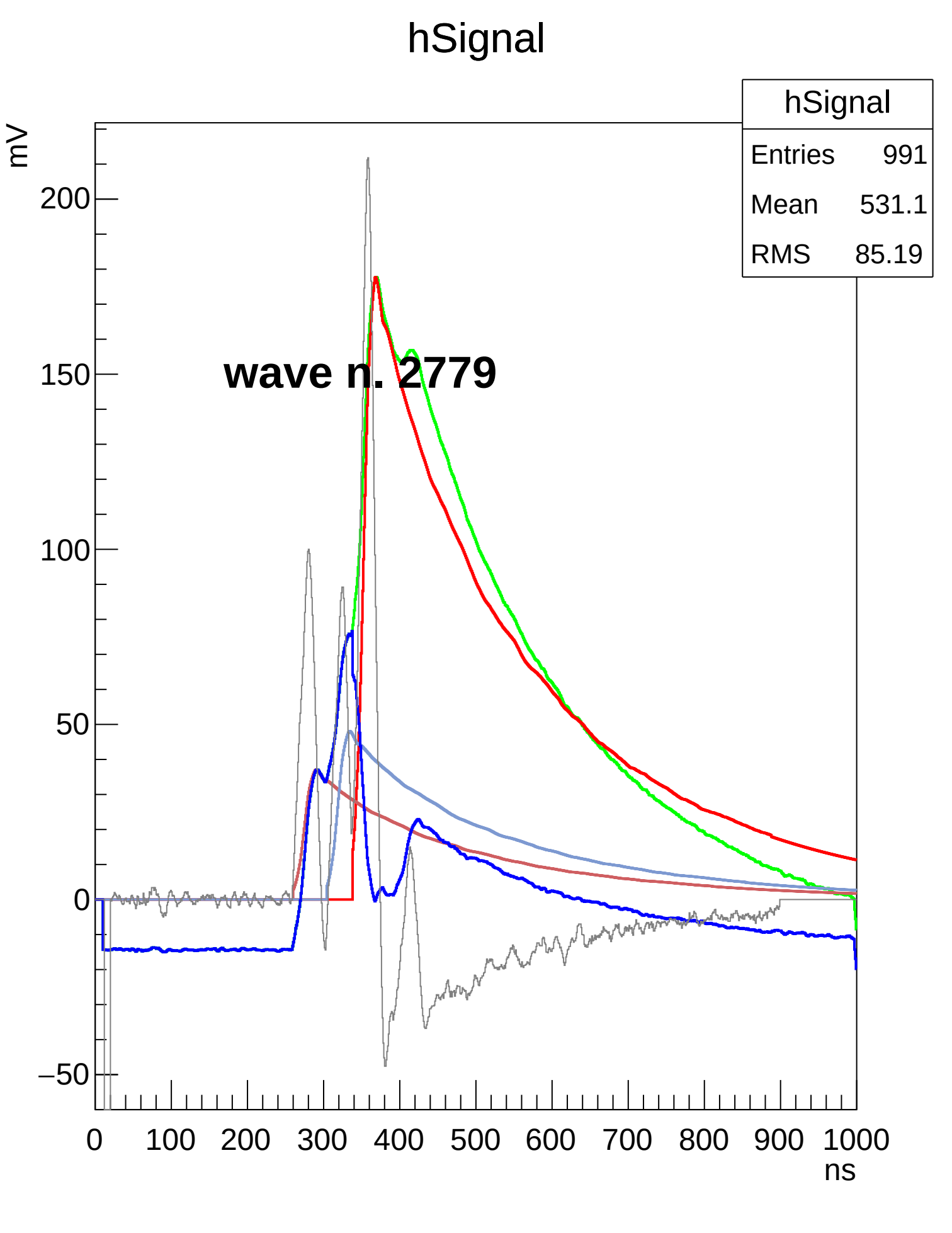
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 522.2
RMS 157.7
wave n. 2777
mV
700
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 580.5
RMS 186.6
wave n. 2778
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 531.1
RMS 85.19
wave n. 2779
mV
200
150
100
50
0
−50
0
100
200
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400
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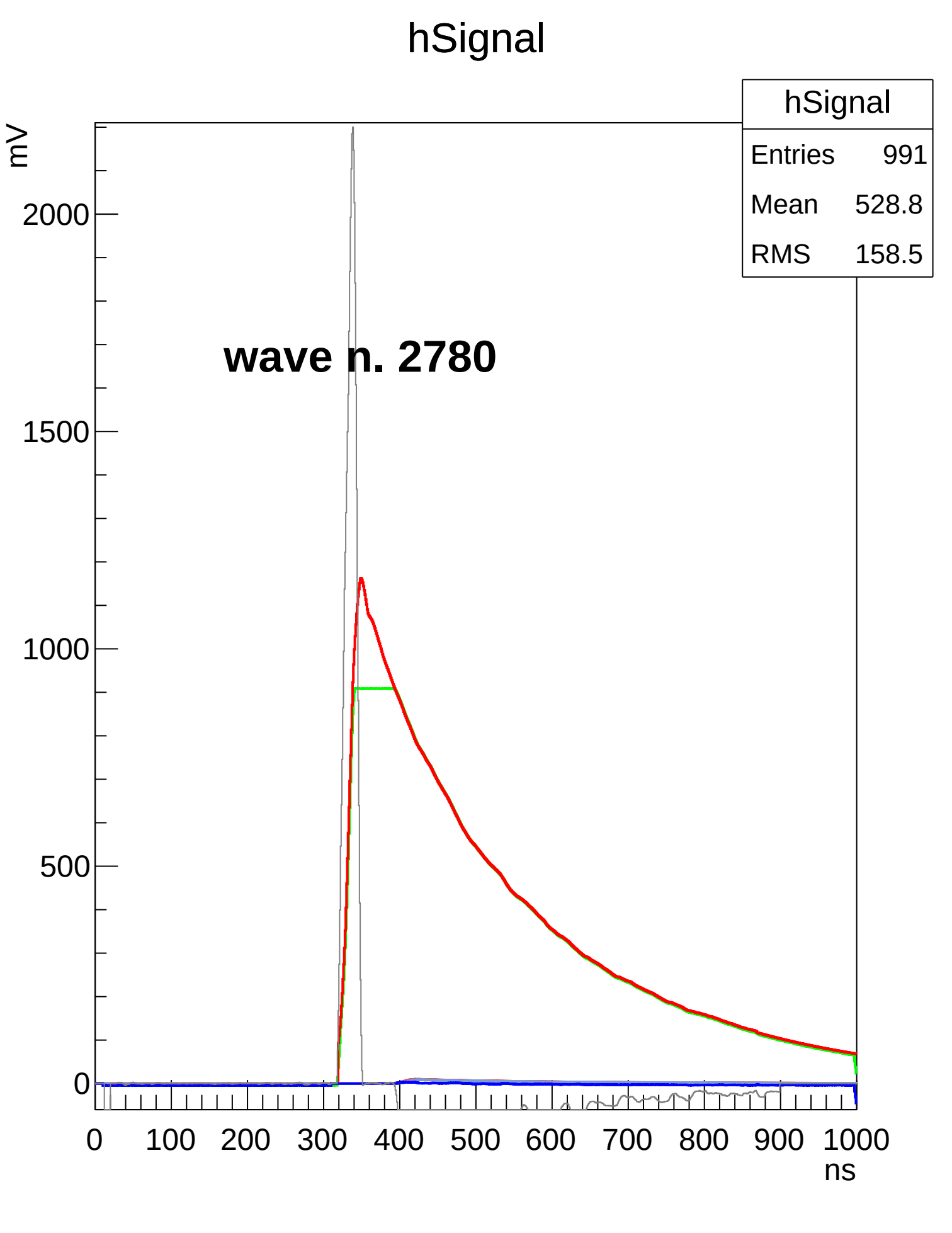
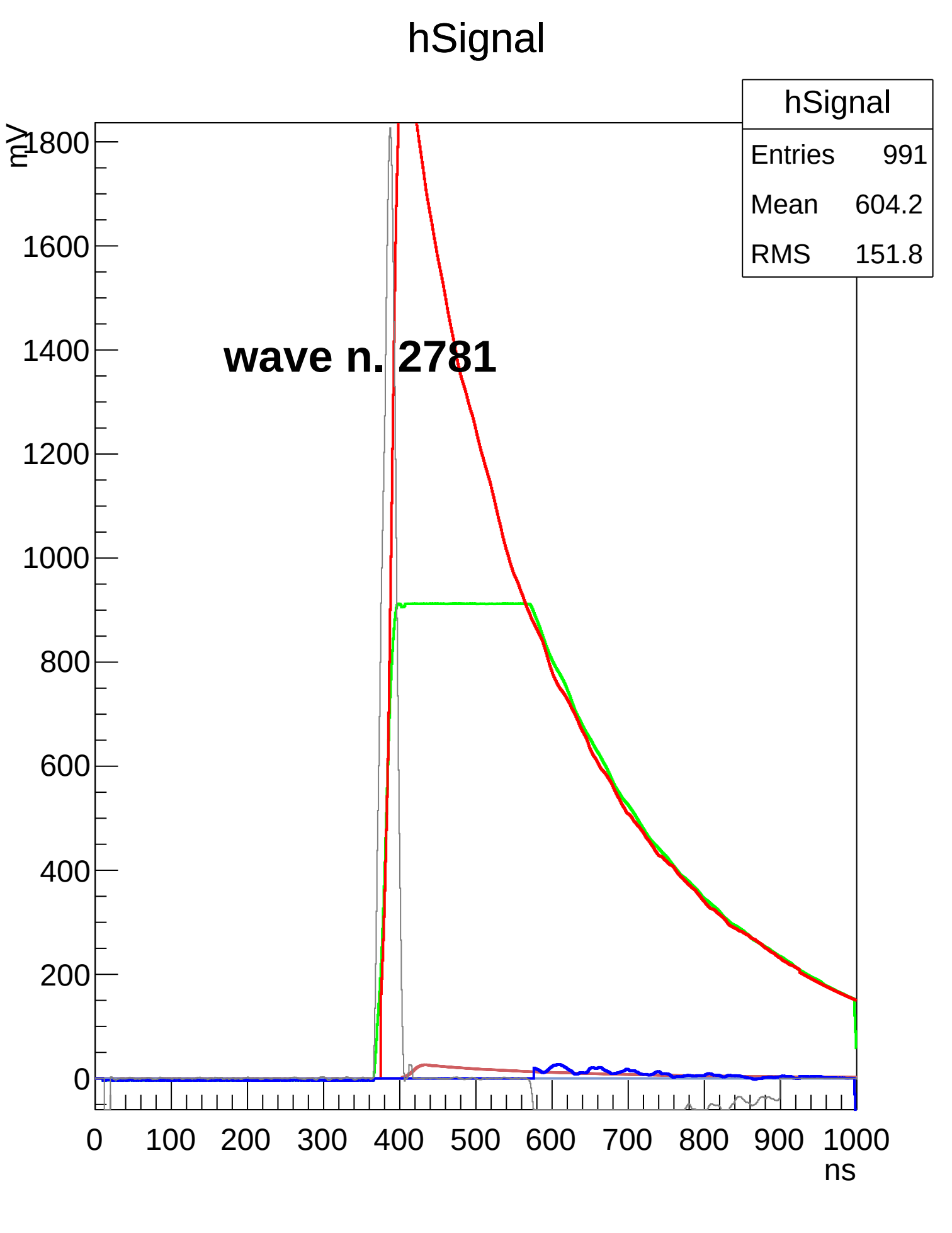
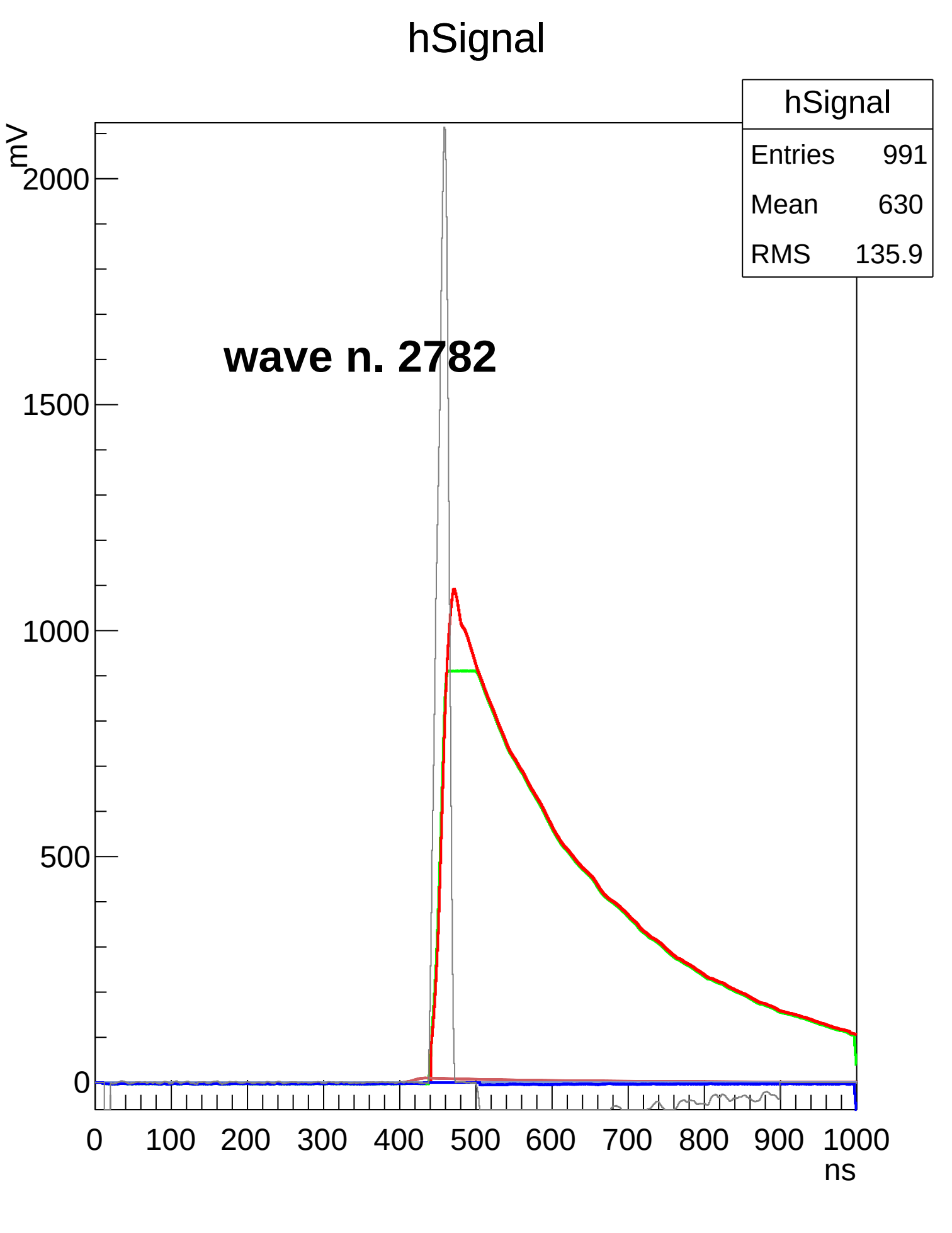
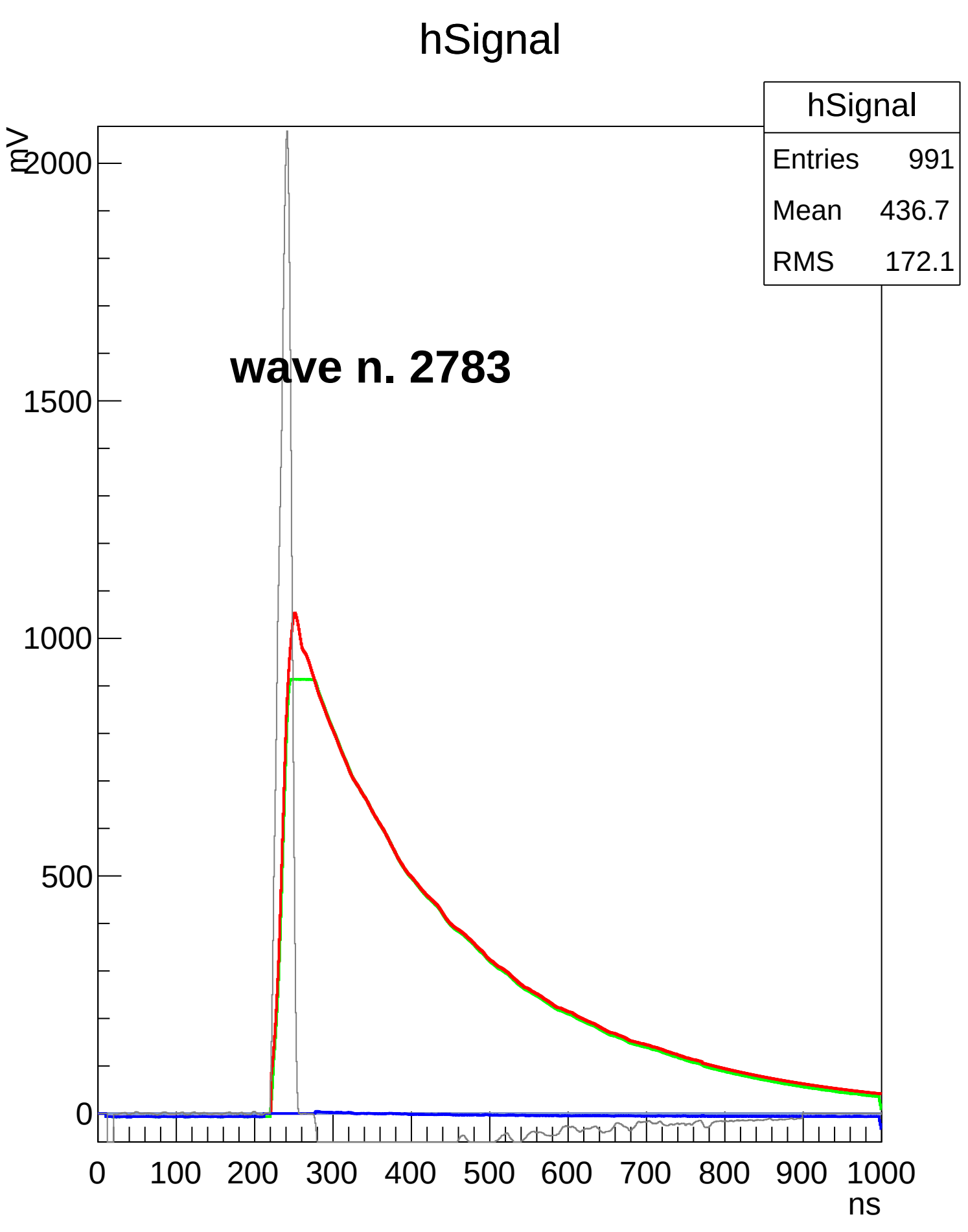
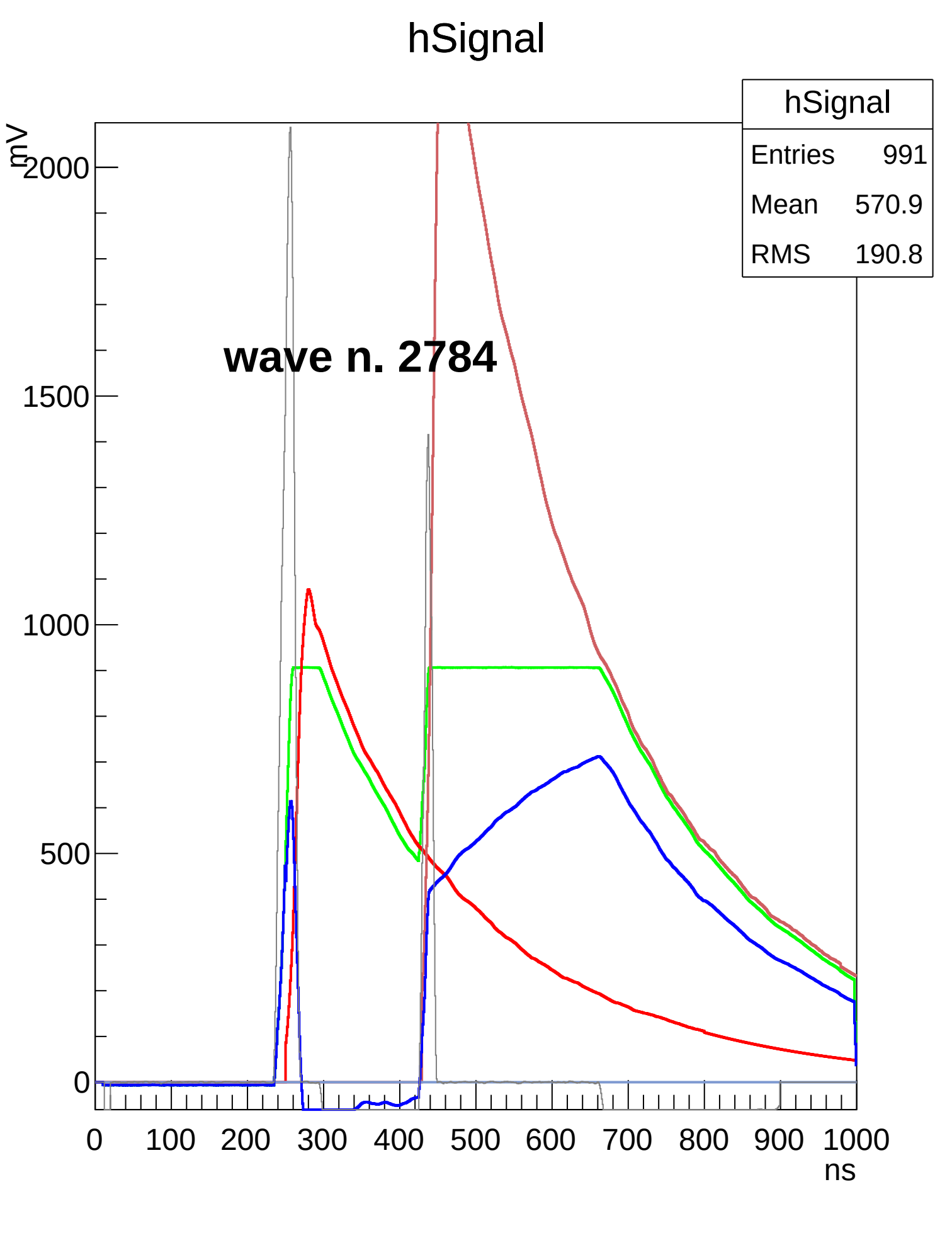
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 528.8
RMS 158.5
wave n. 2780
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 604.2
RMS 151.8
wave n. 2781
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 630
RMS 135.9
wave n. 2782
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 436.7
RMS 172.1
wave n. 2783
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.9
RMS 190.8
wave n. 2784
mV
2000
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1000
500
0
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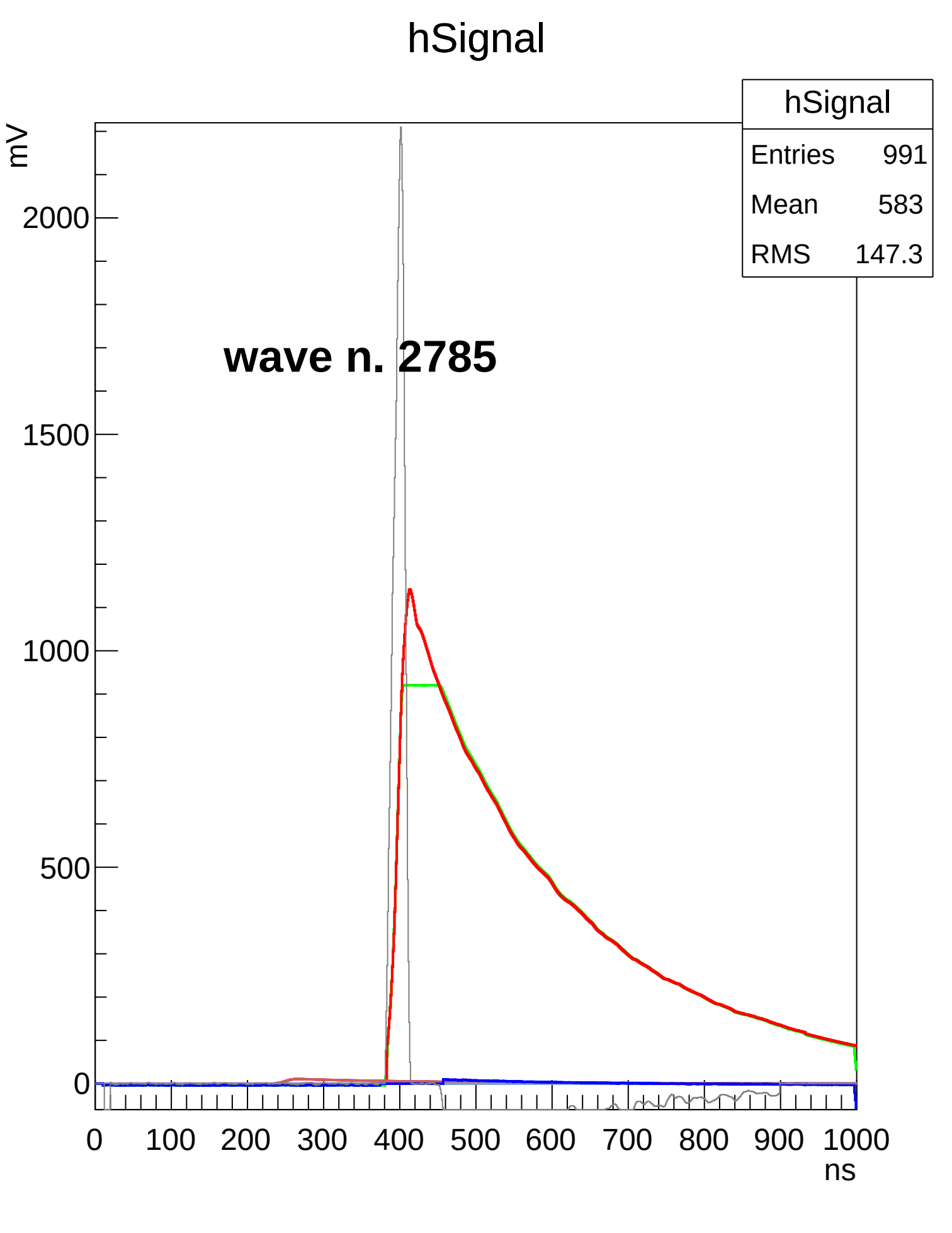
ns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Entries 991
Mean 583
RMS 147.3
wave n. 2785
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1500
1000
500
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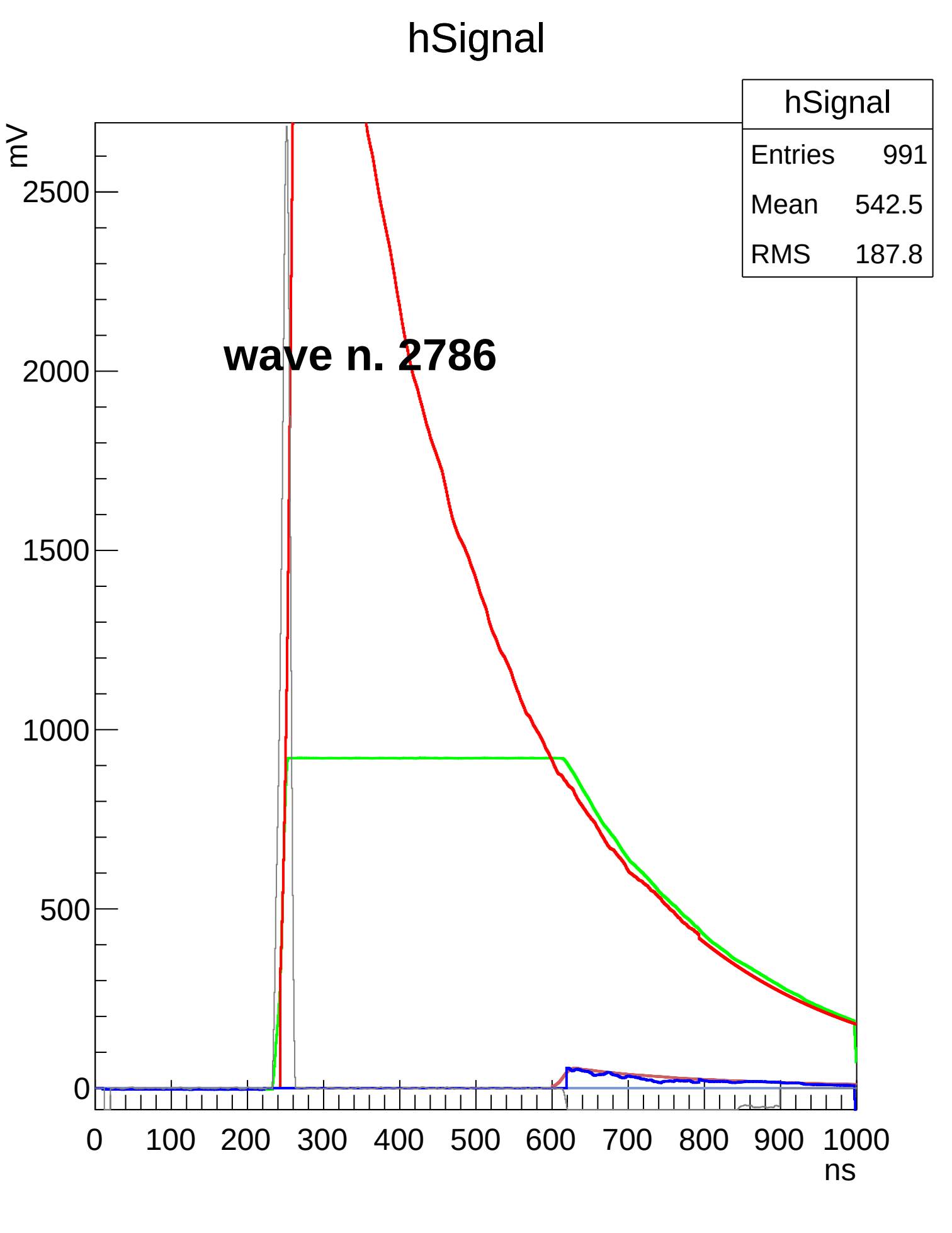
ns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hSignal
Entries 991
Mean 542.5
RMS 187.8
wave n. 2786
mV
2500
2000
1500
1000
500
0
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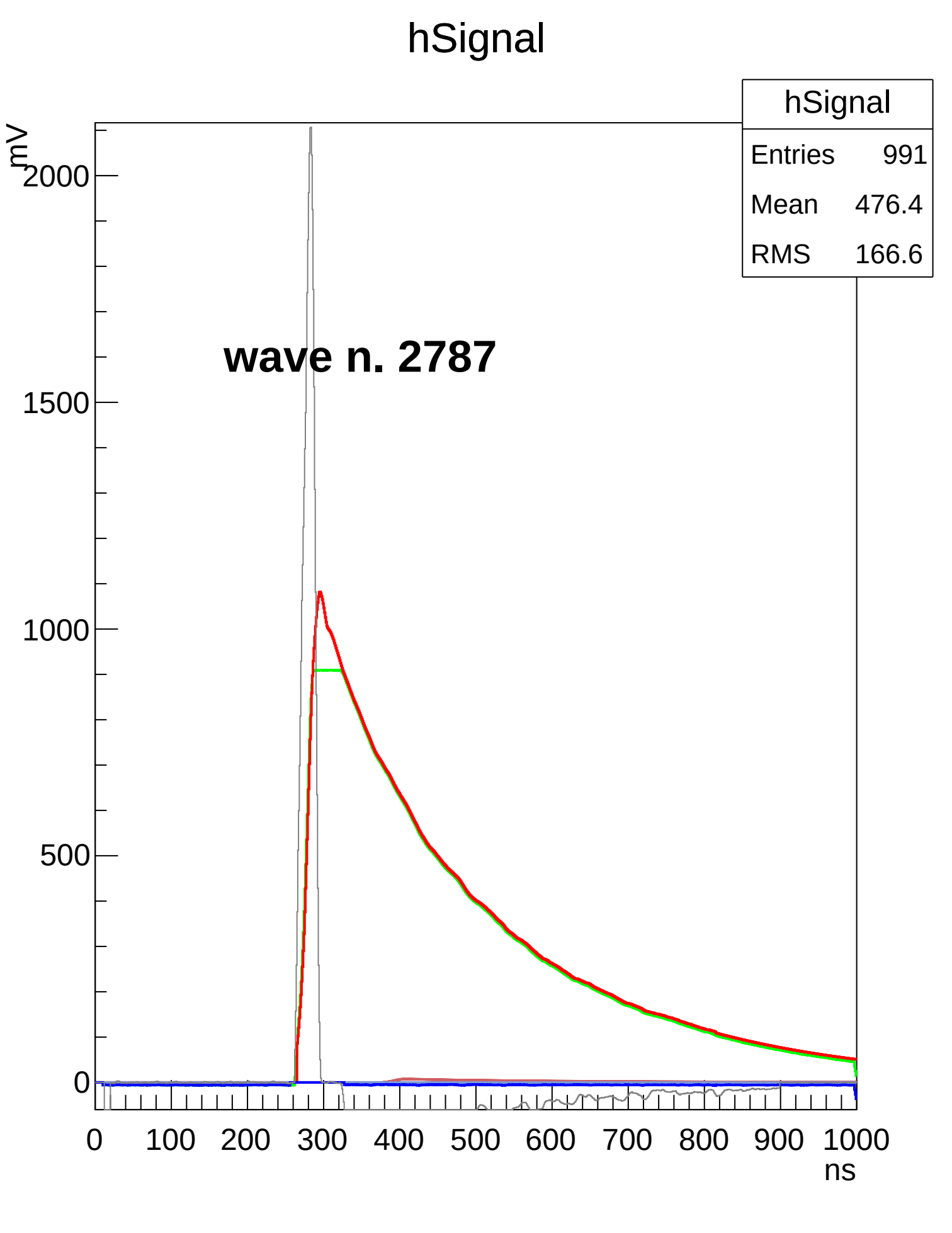
ns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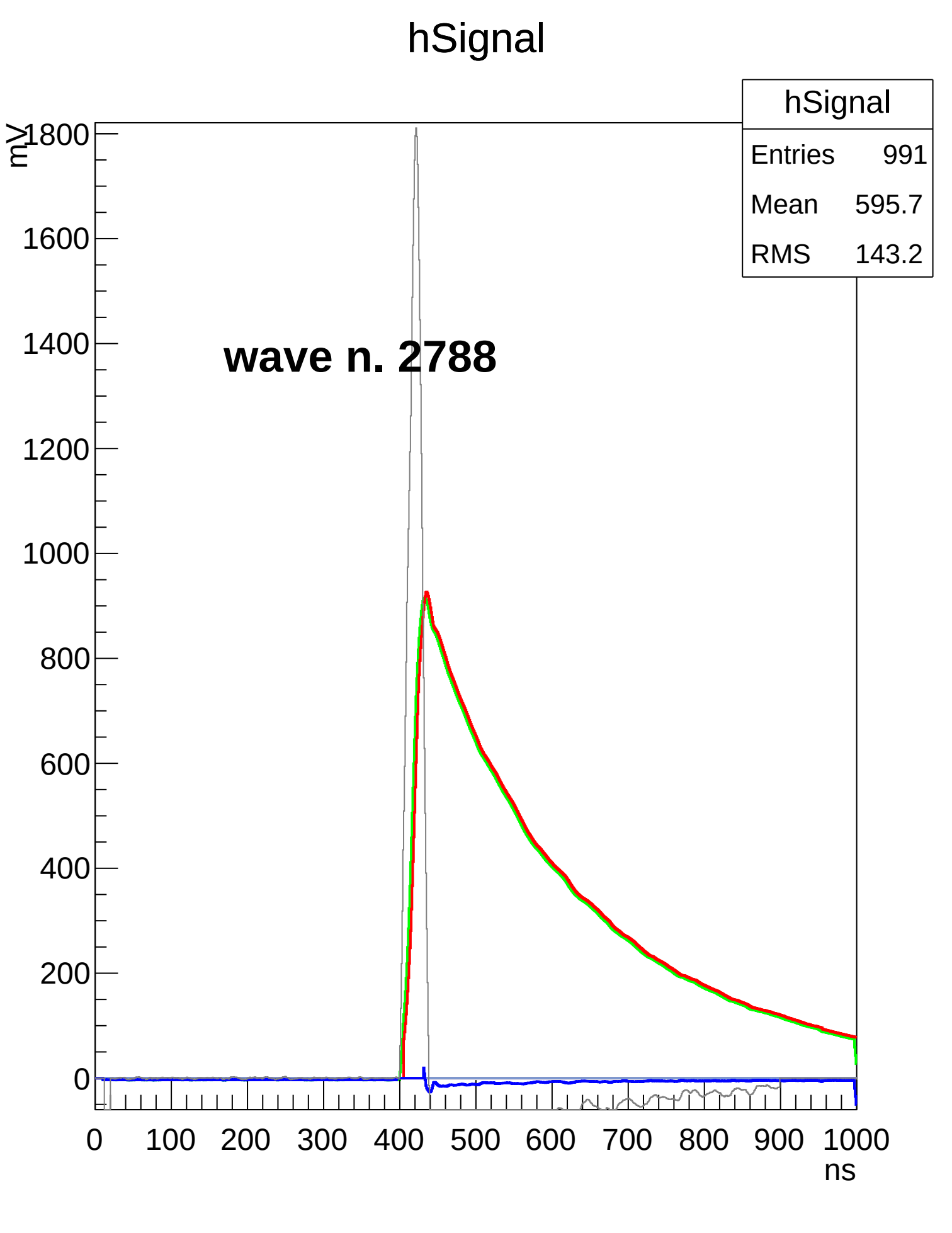
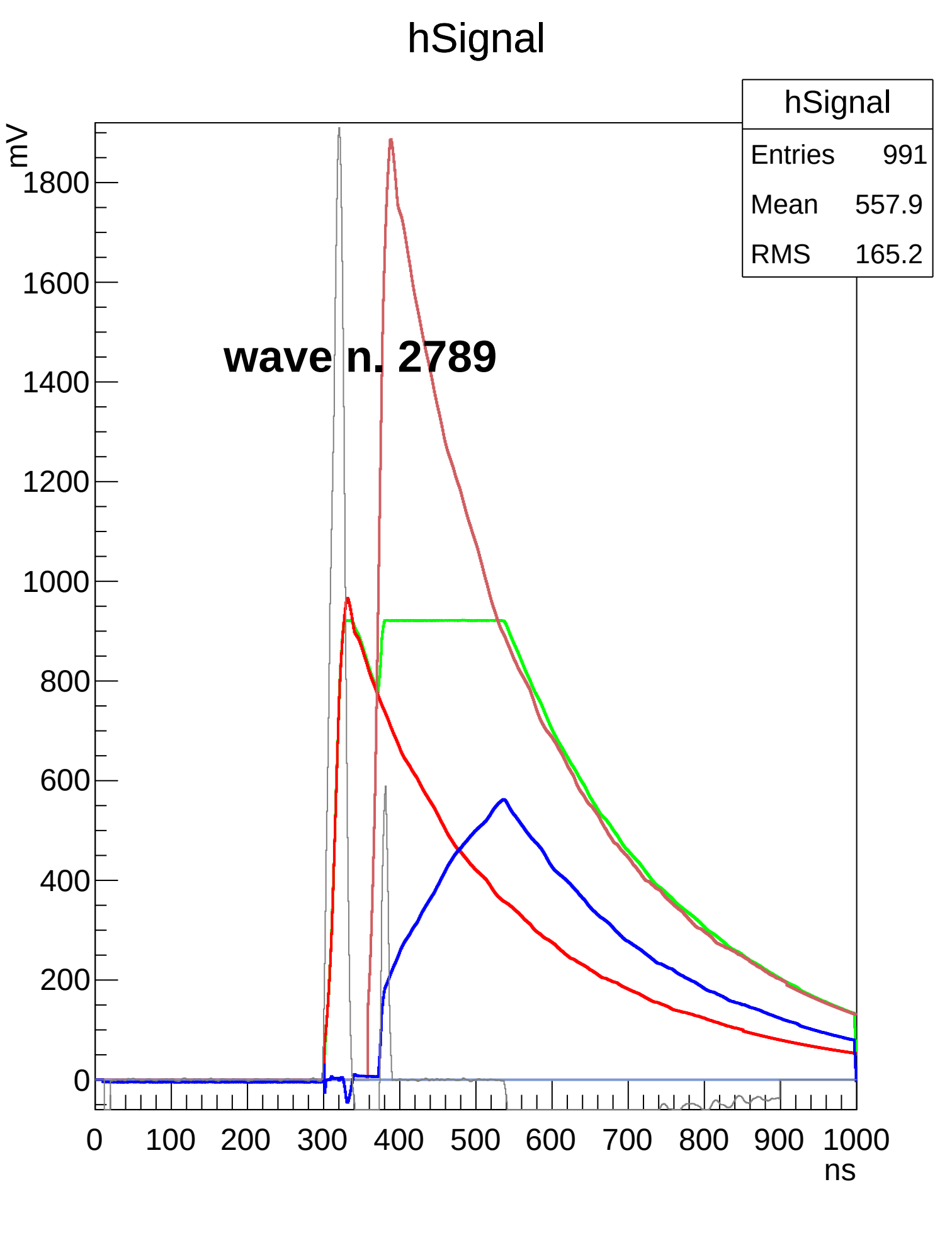
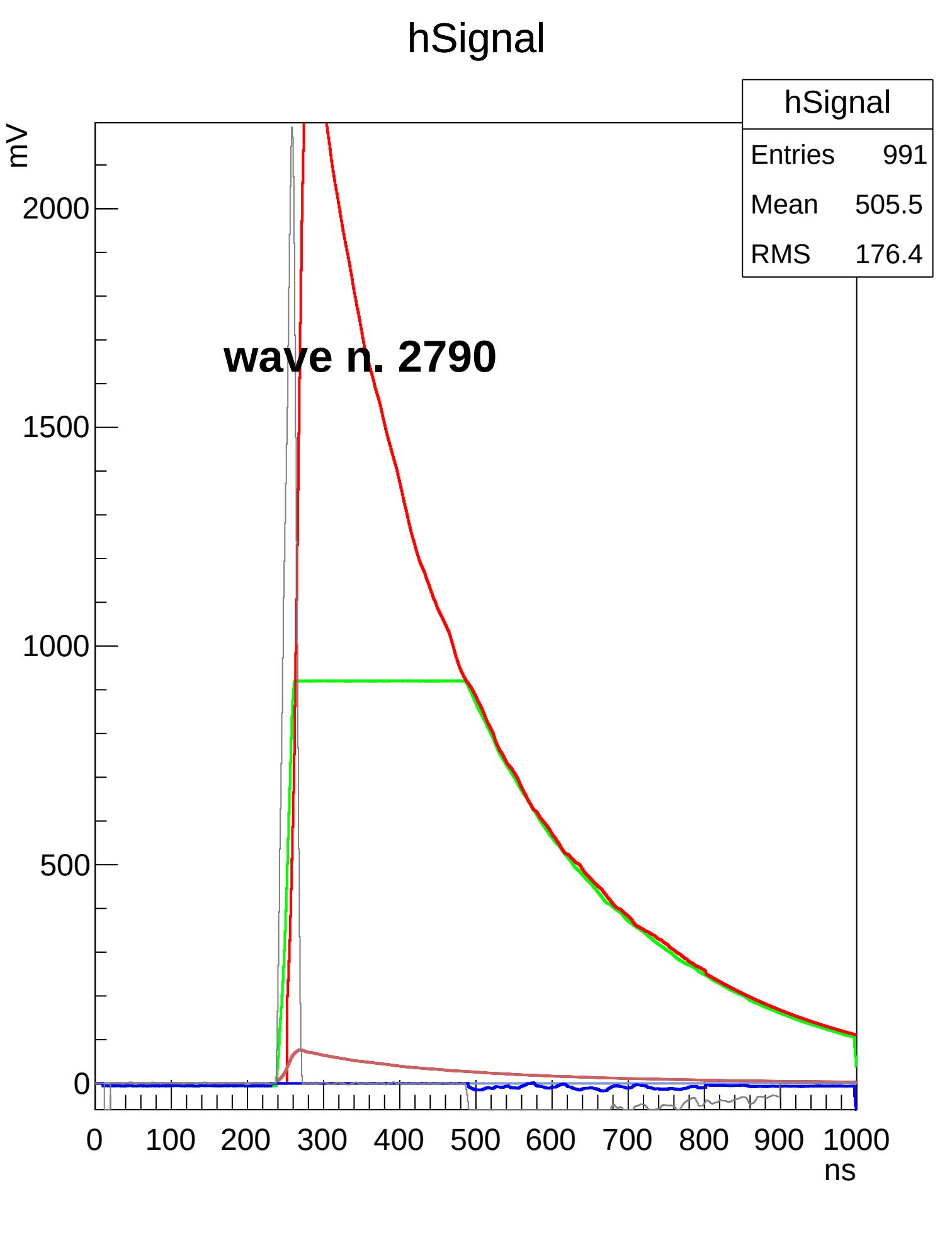
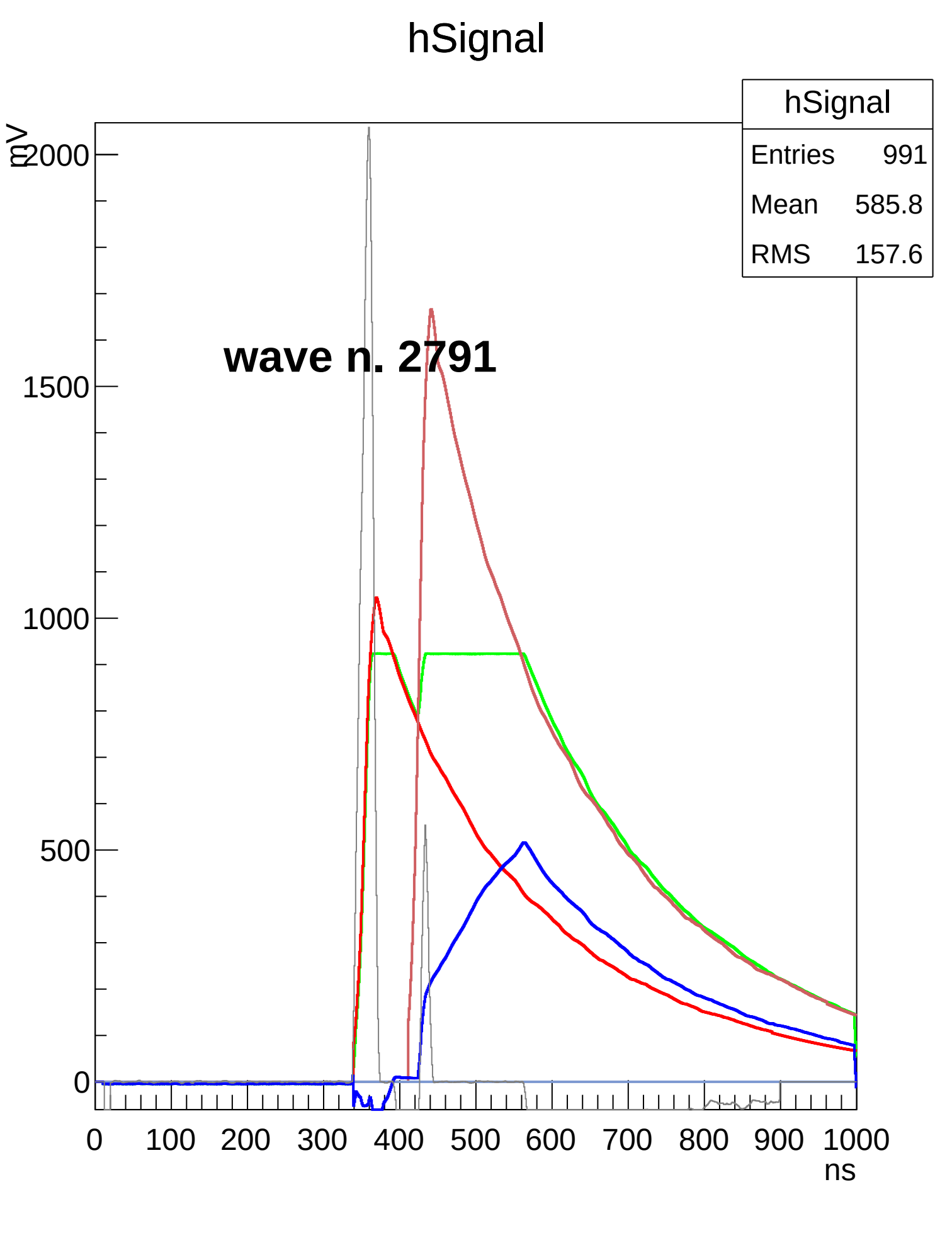
hSignal
Entries 991
Mean 476.4
RMS 166.6
wave n. 2787
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 595.7
RMS 143.2
wave n. 2788
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 557.9
RMS 165.2
wave n. 2789
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.5
RMS 176.4
wave n. 2790
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 585.8
RMS 157.6
wave n. 2791
mV
2000
1500
1000
500
0
0
100
200
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400
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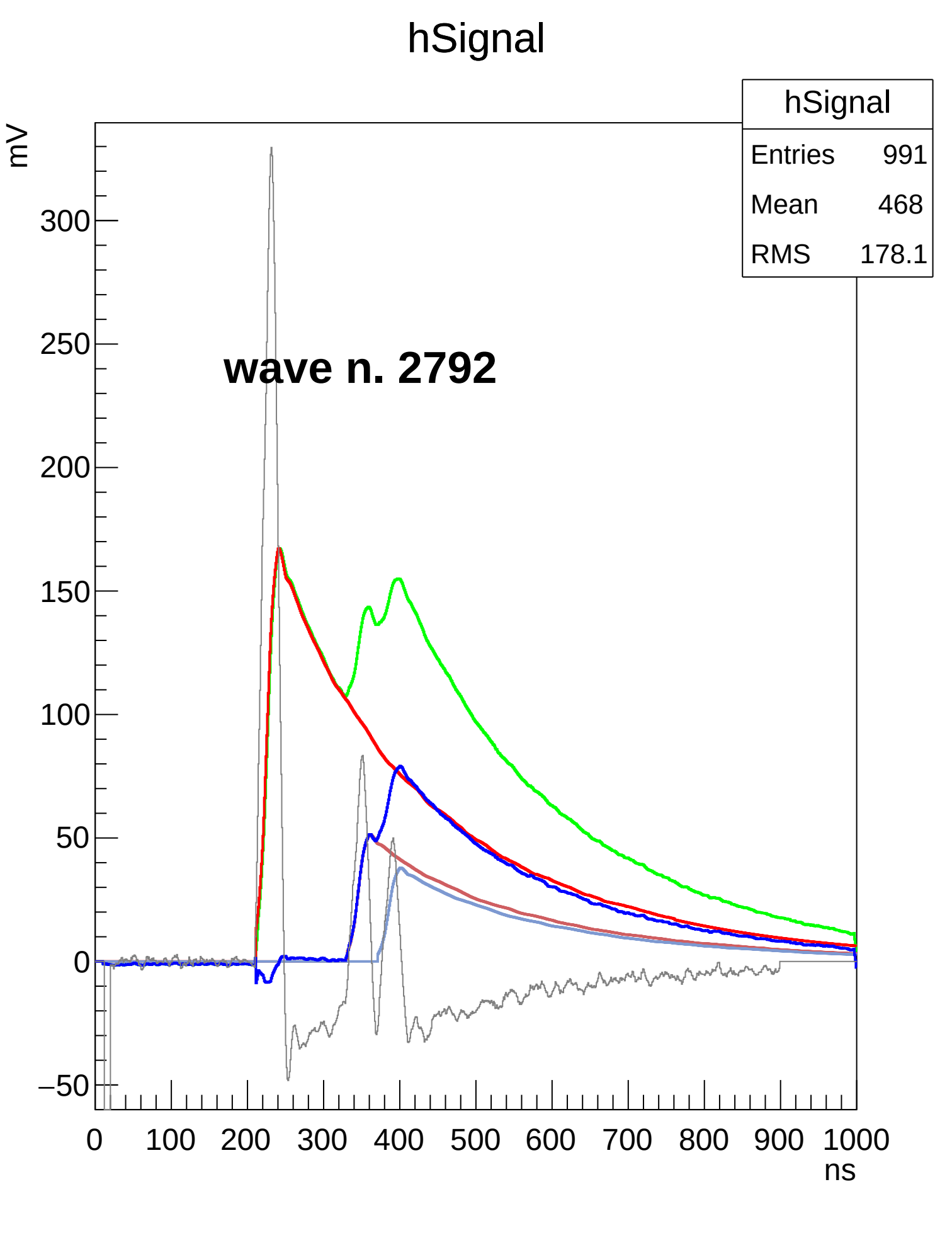
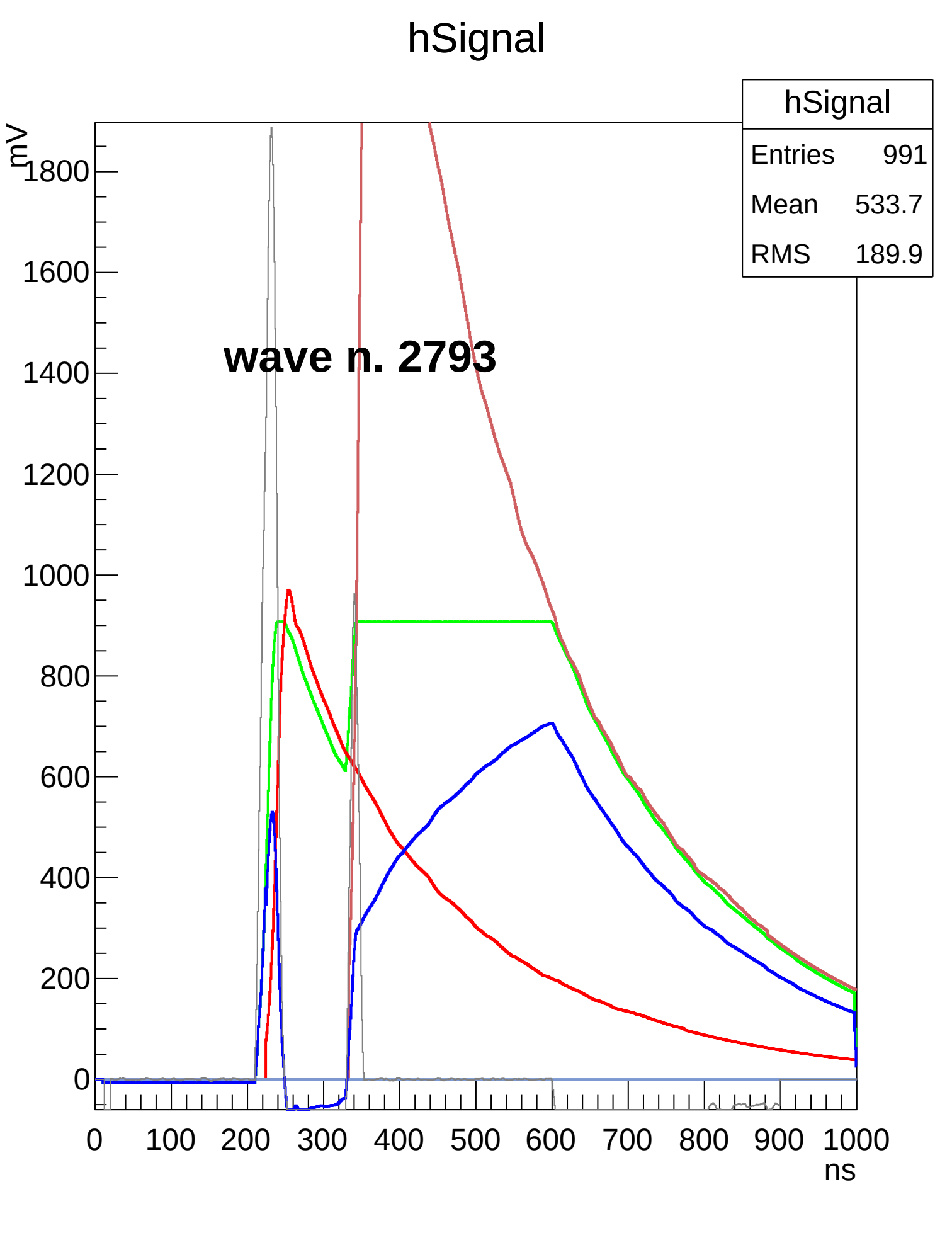
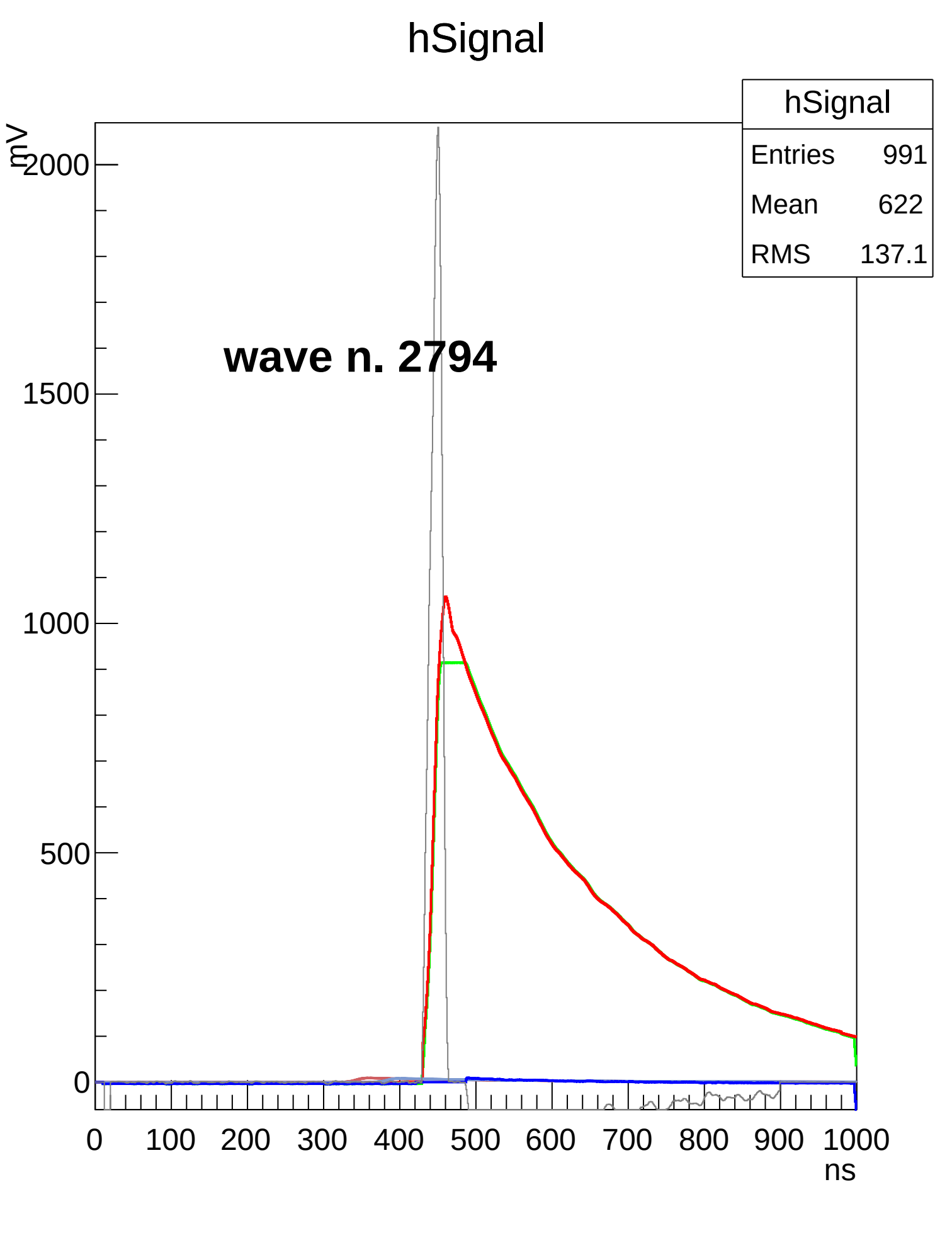
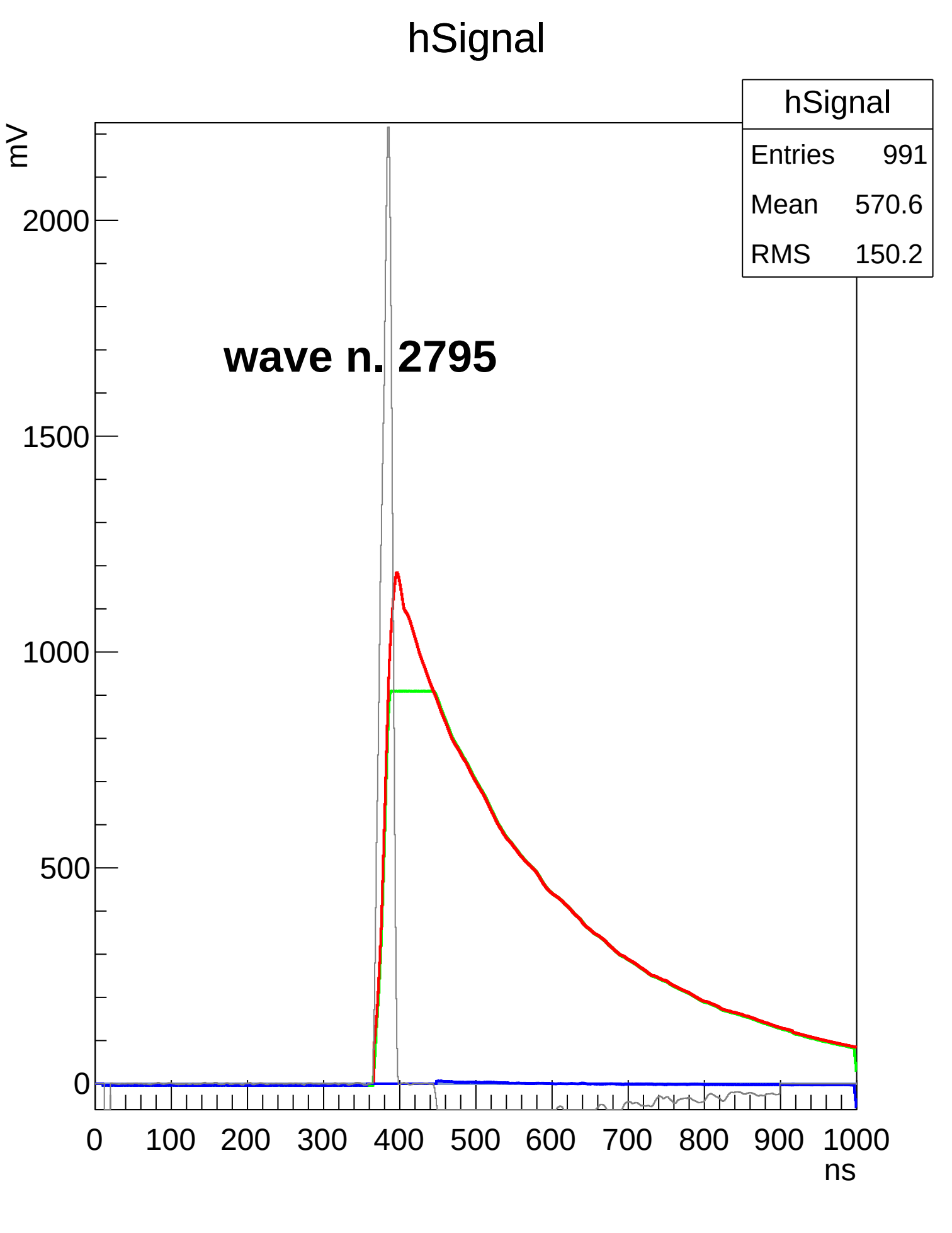
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 468
RMS 178.1
wave n. 2792
mV
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 533.7
RMS 189.9
wave n. 2793
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 622
RMS 137.1
wave n. 2794
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.6
RMS 150.2
wave n. 2795
mV
2000
1500
1000
500
0
0
100
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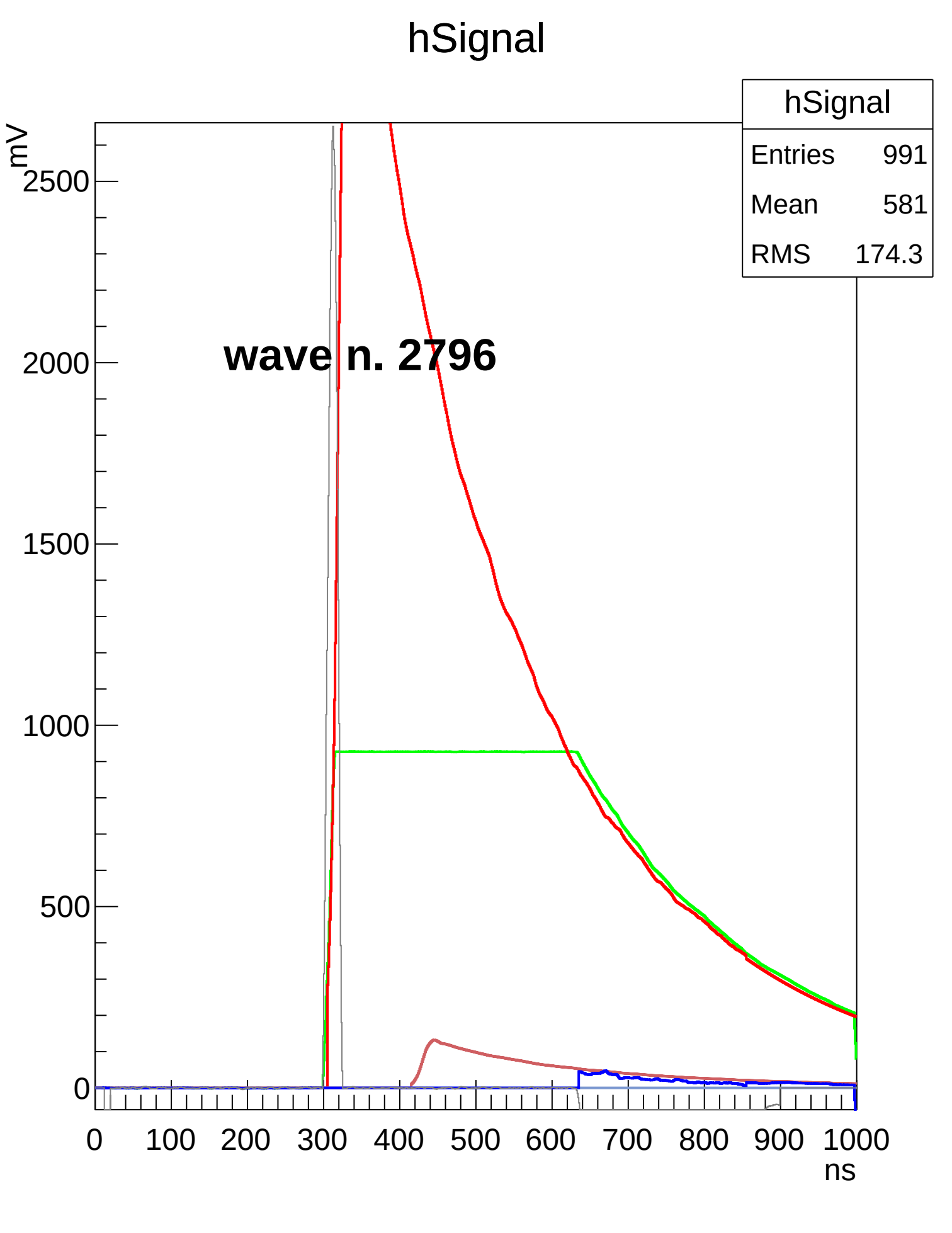
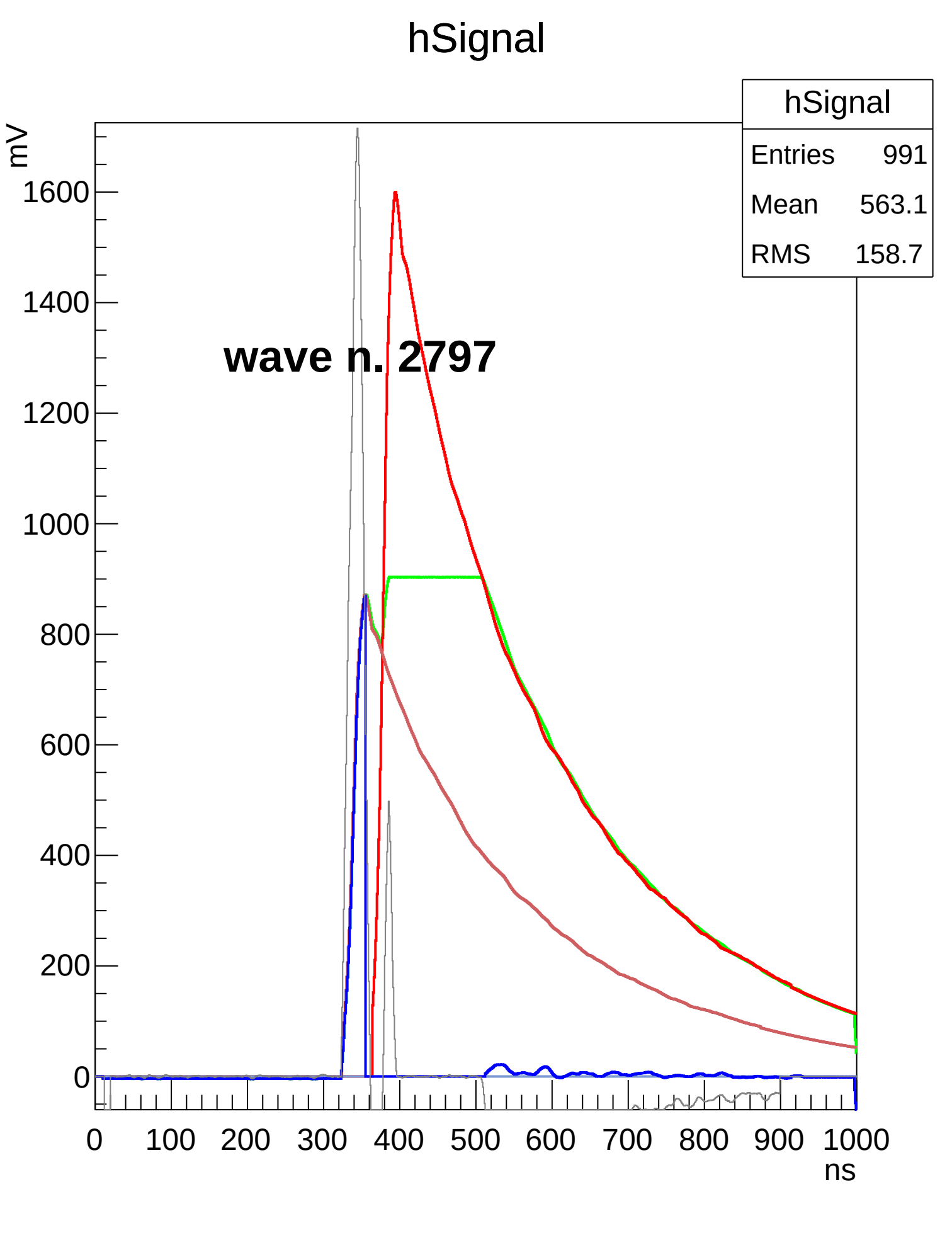
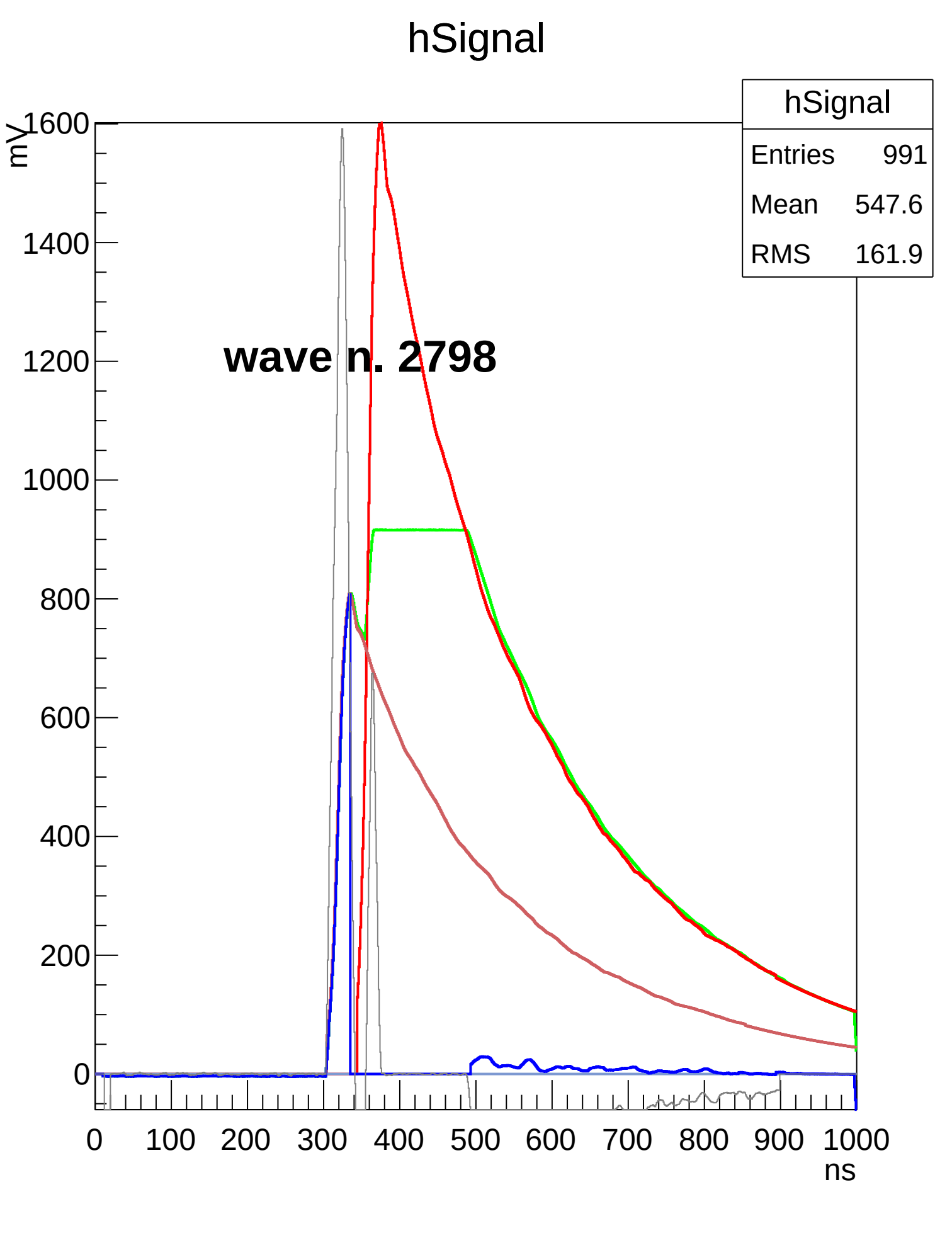
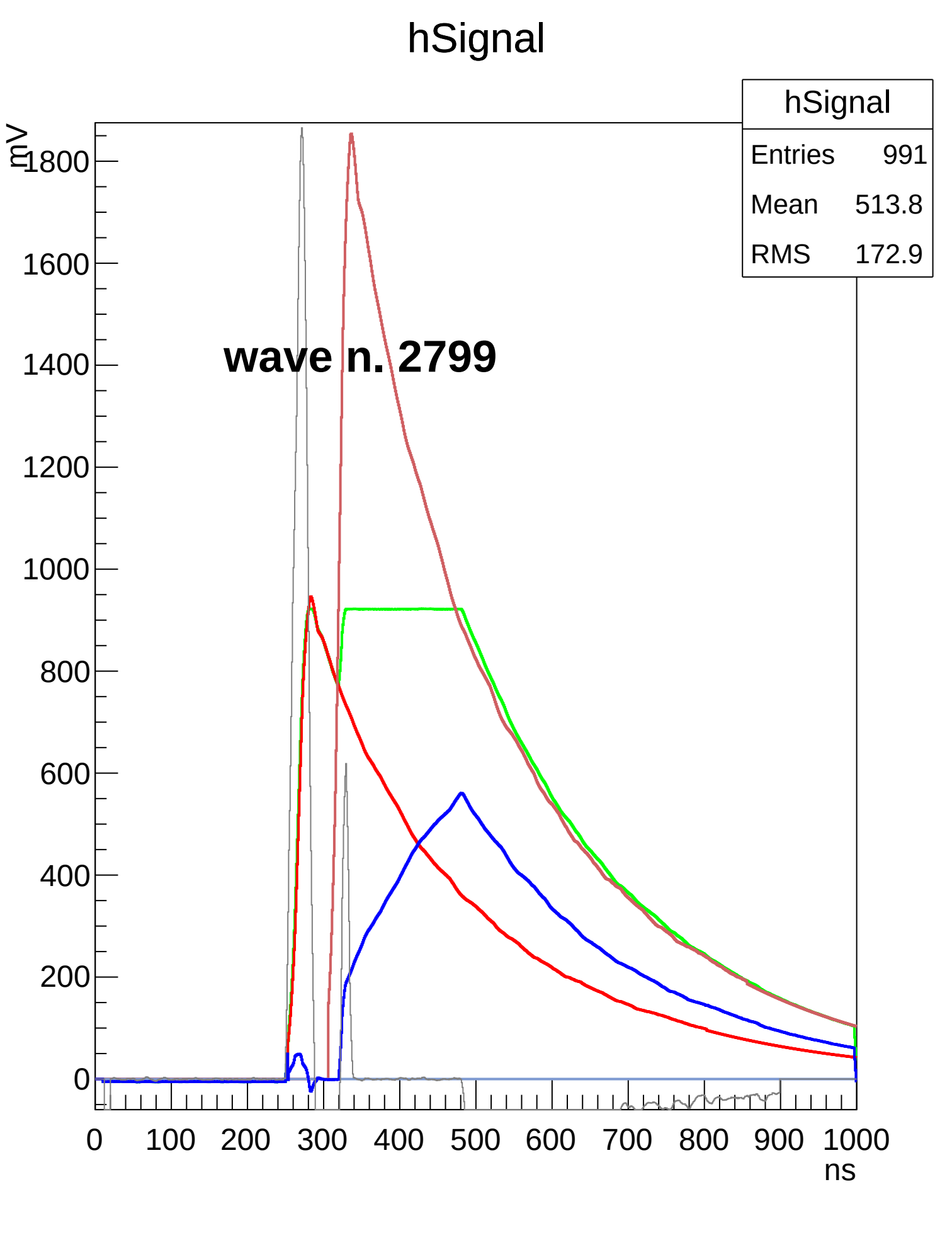
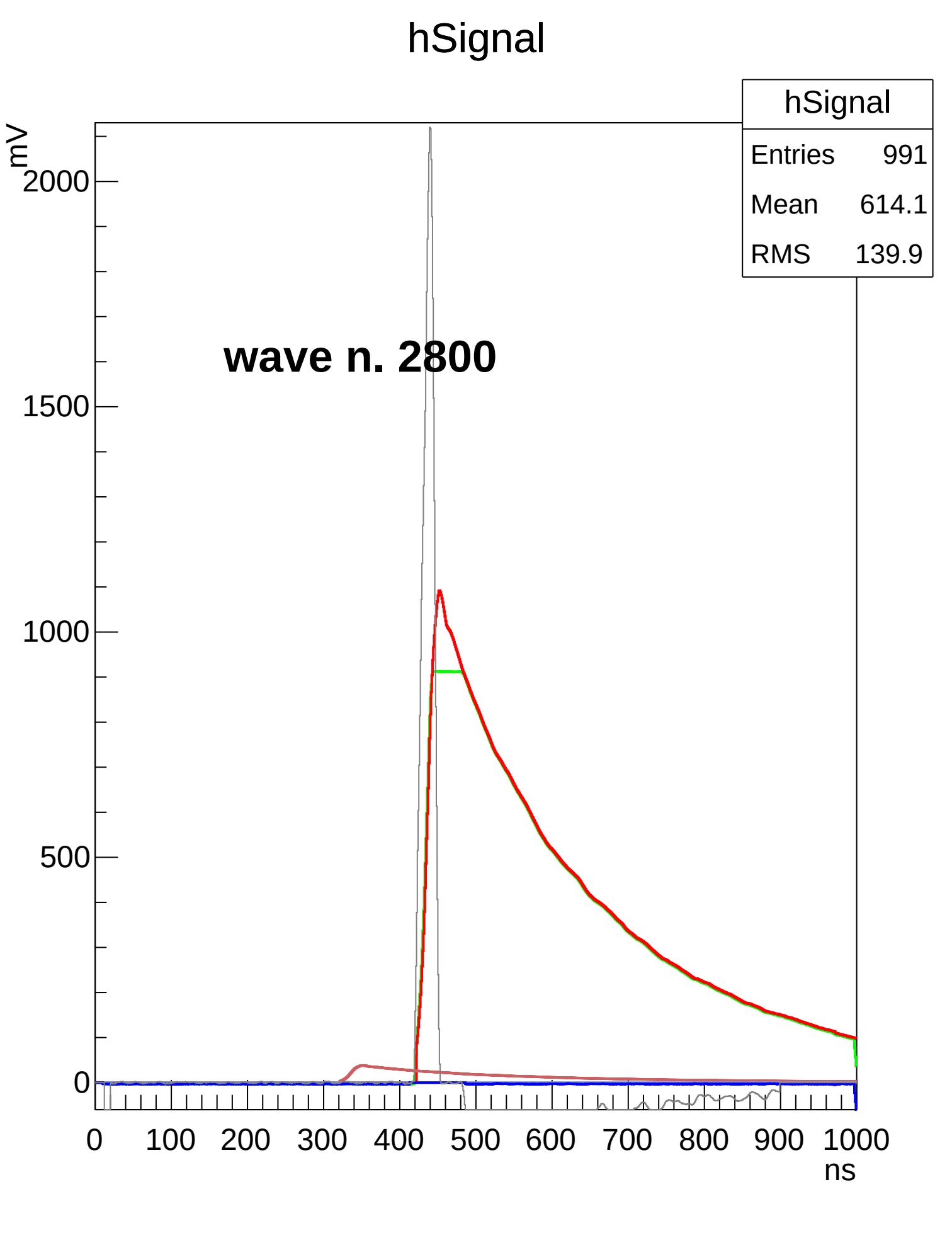
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 581
RMS 174.3
wave n. 2796
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 563.1
RMS 158.7
wave n. 2797
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547.6
RMS 161.9
wave n. 2798
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 513.8
RMS 172.9
wave n. 2799
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 614.1
RMS 139.9
wave n. 2800
mV
2000
1500
1000
500
0
0
100
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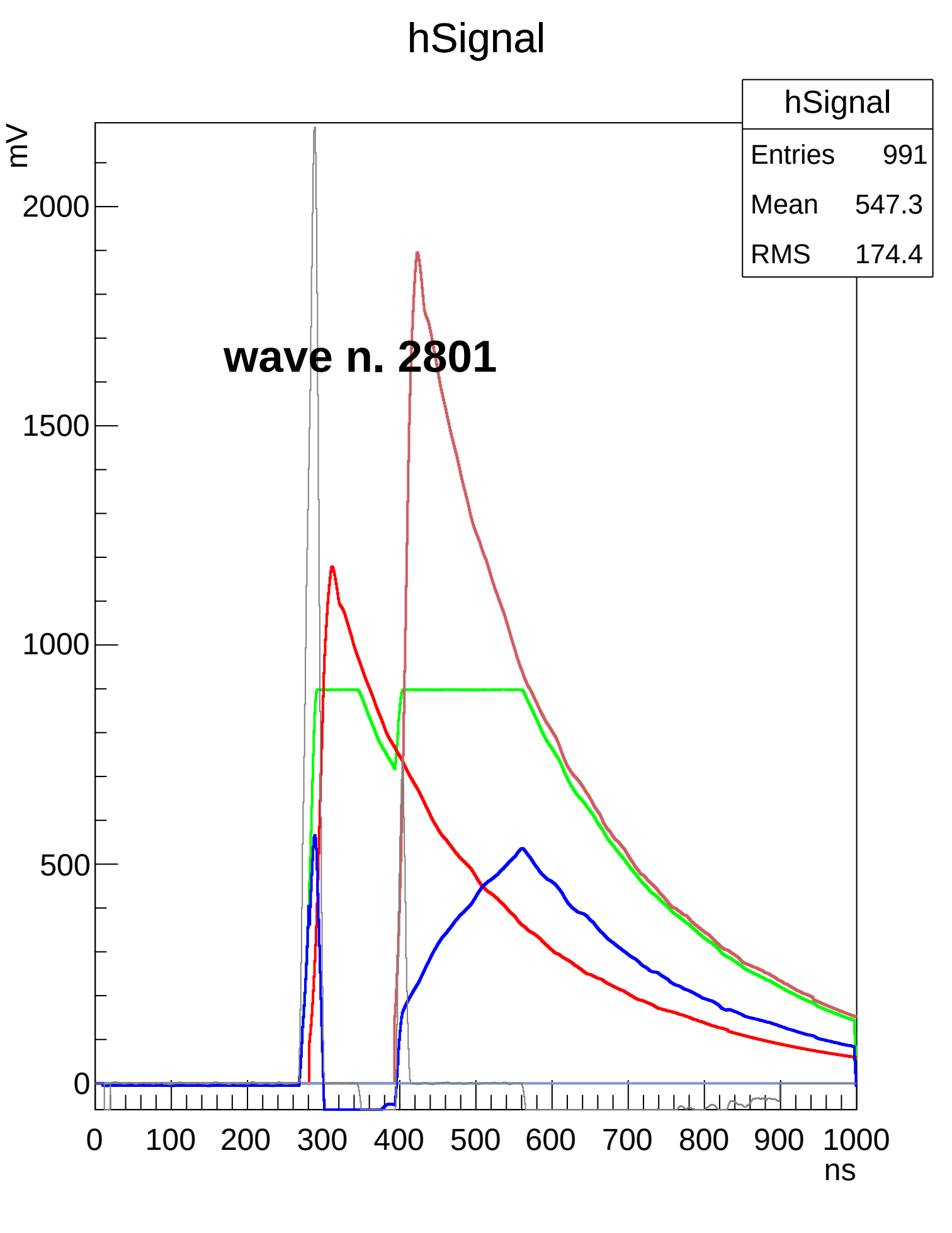
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547.3
RMS 174.4
wave n. 2801
mV
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1500
1000
500
0
0
100
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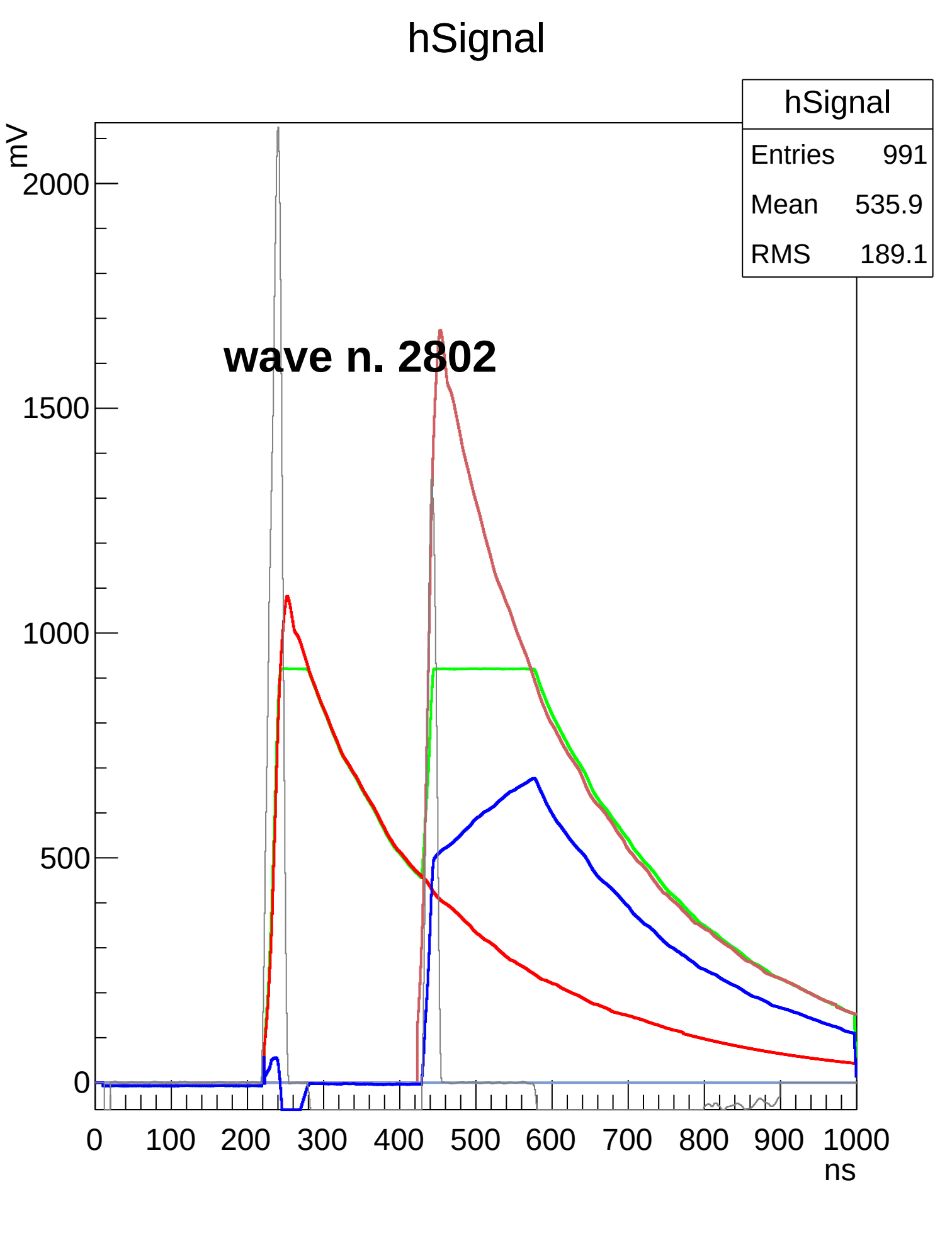
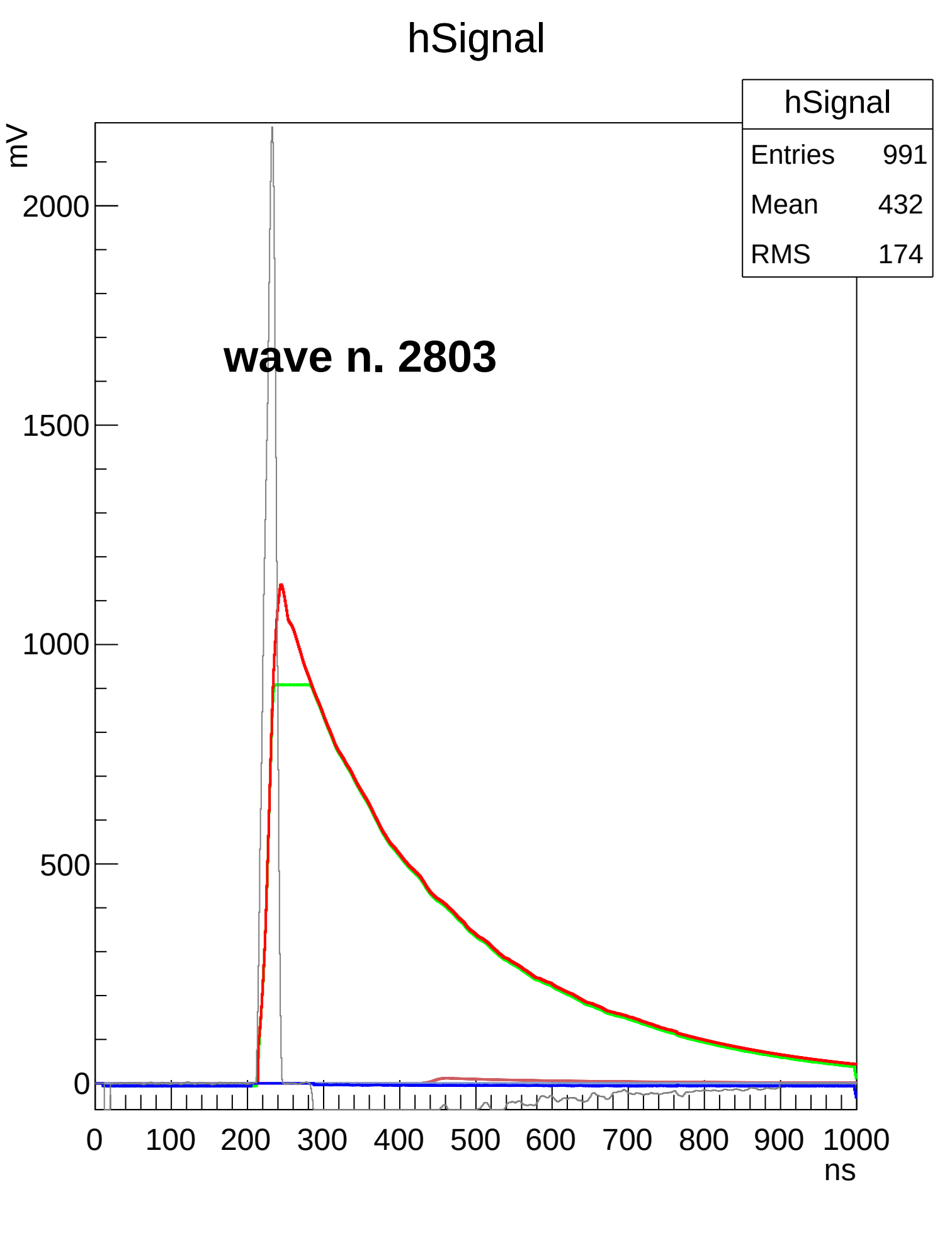
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 535.9
RMS 189.1
wave n. 2802
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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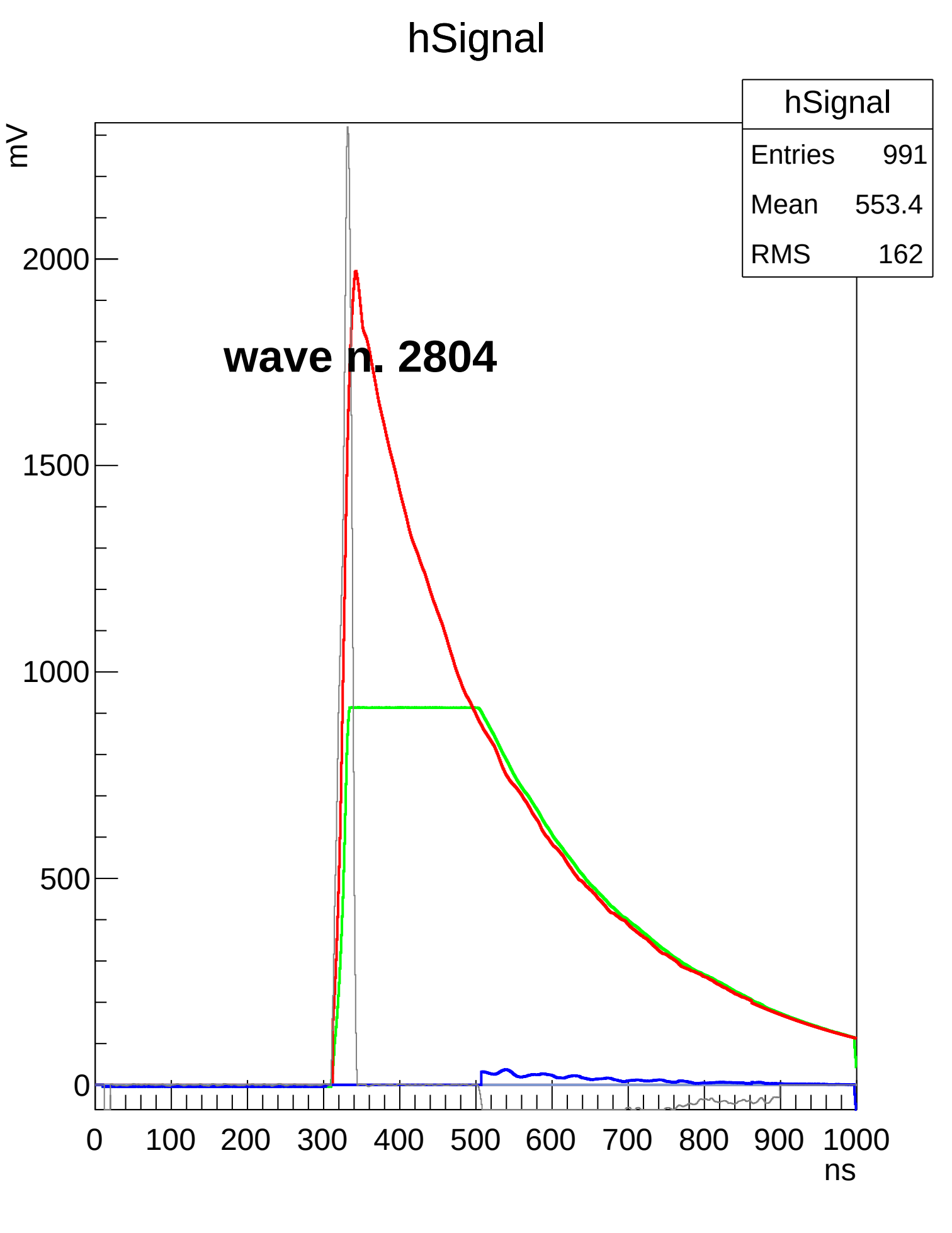
Entries 991
Mean 432
RMS 174
wave n. 2803
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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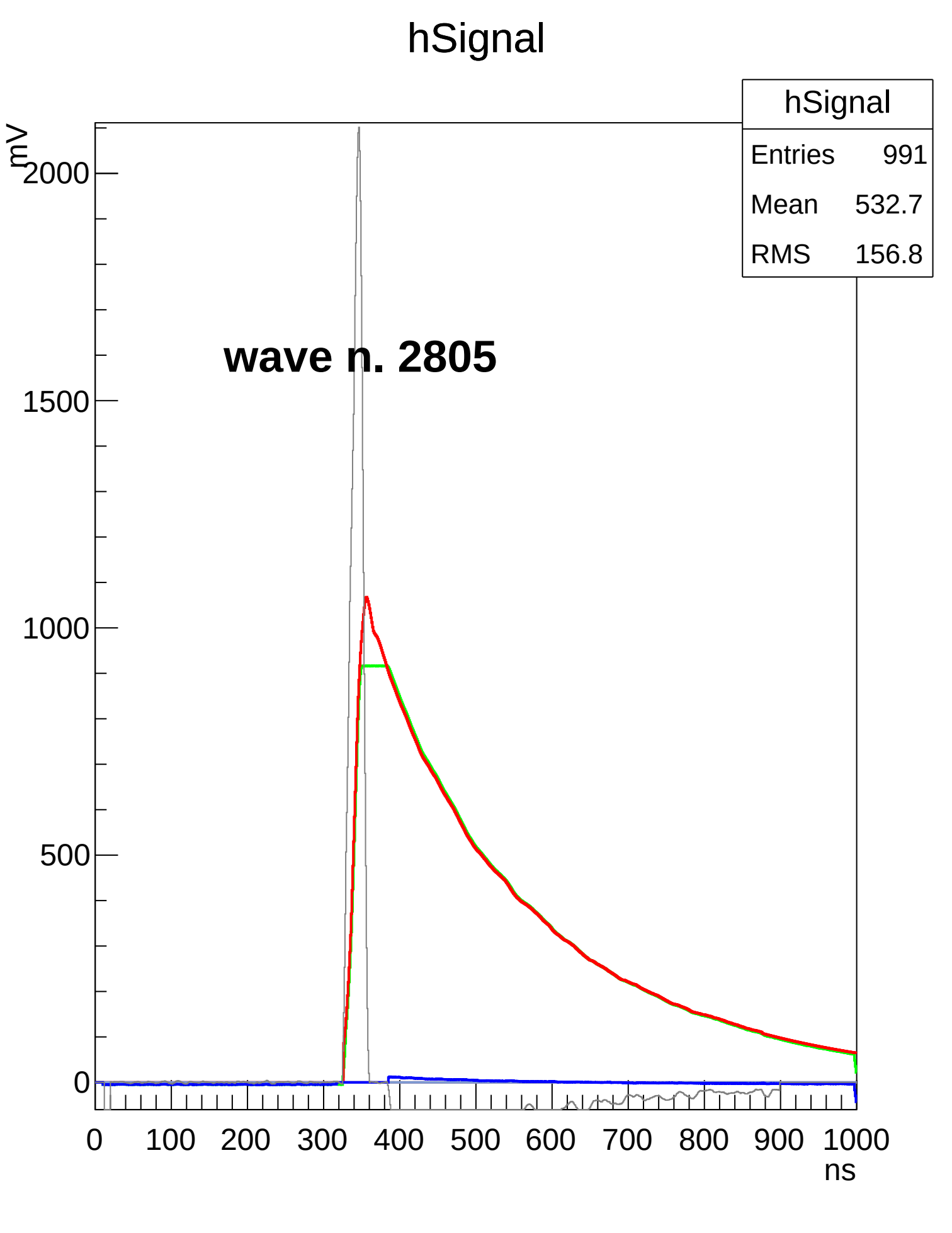
hSignal
Entries 991
Mean 553.4
RMS 162
wave n. 2804
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 532.7
RMS 156.8
wave n. 2805
mV
2000
1500
1000
500
0
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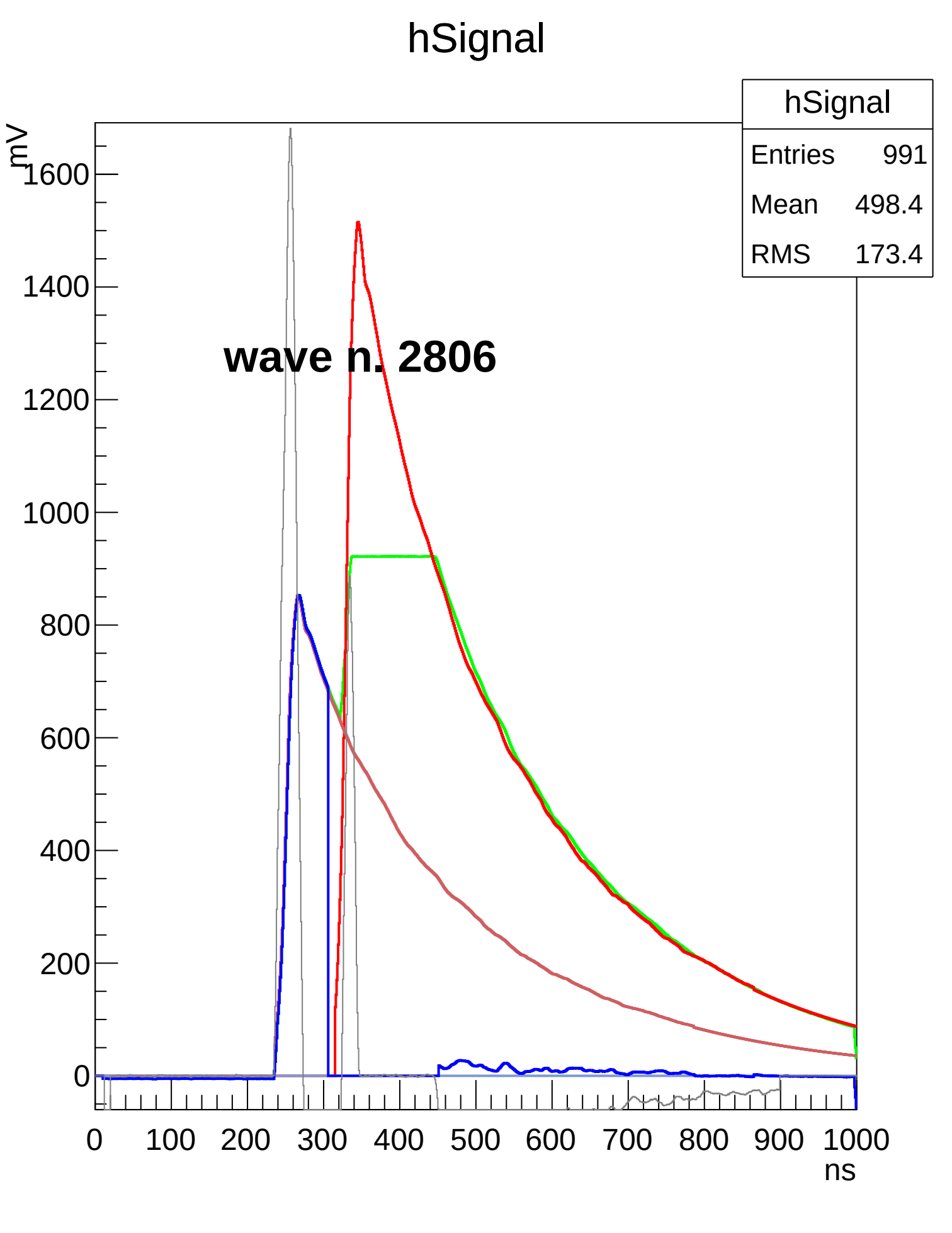
ns


hSignal
hSignal
Entries 991
Mean 498.4
RMS 173.4
wave n. 2806
mV
1600
1400
1200
1000
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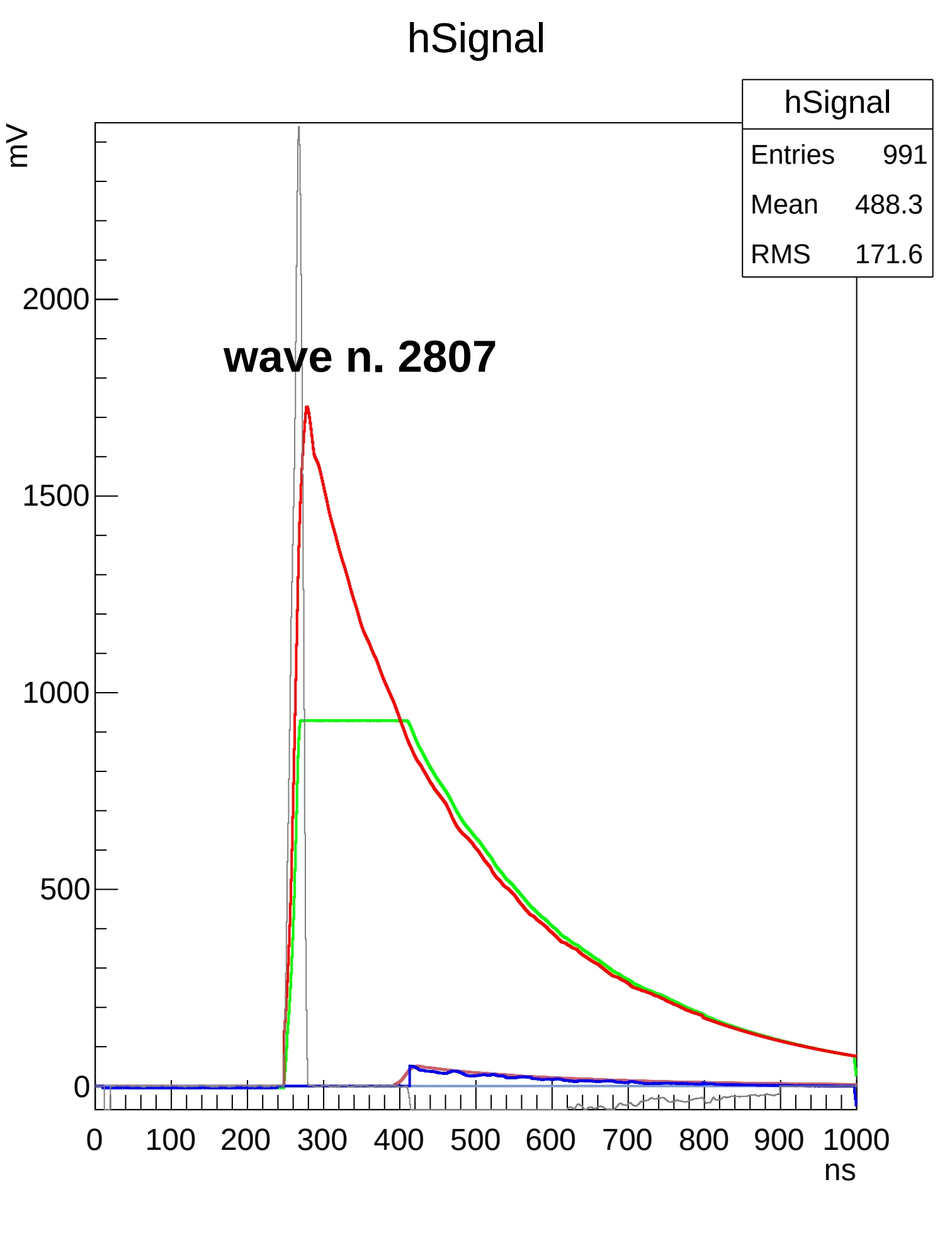
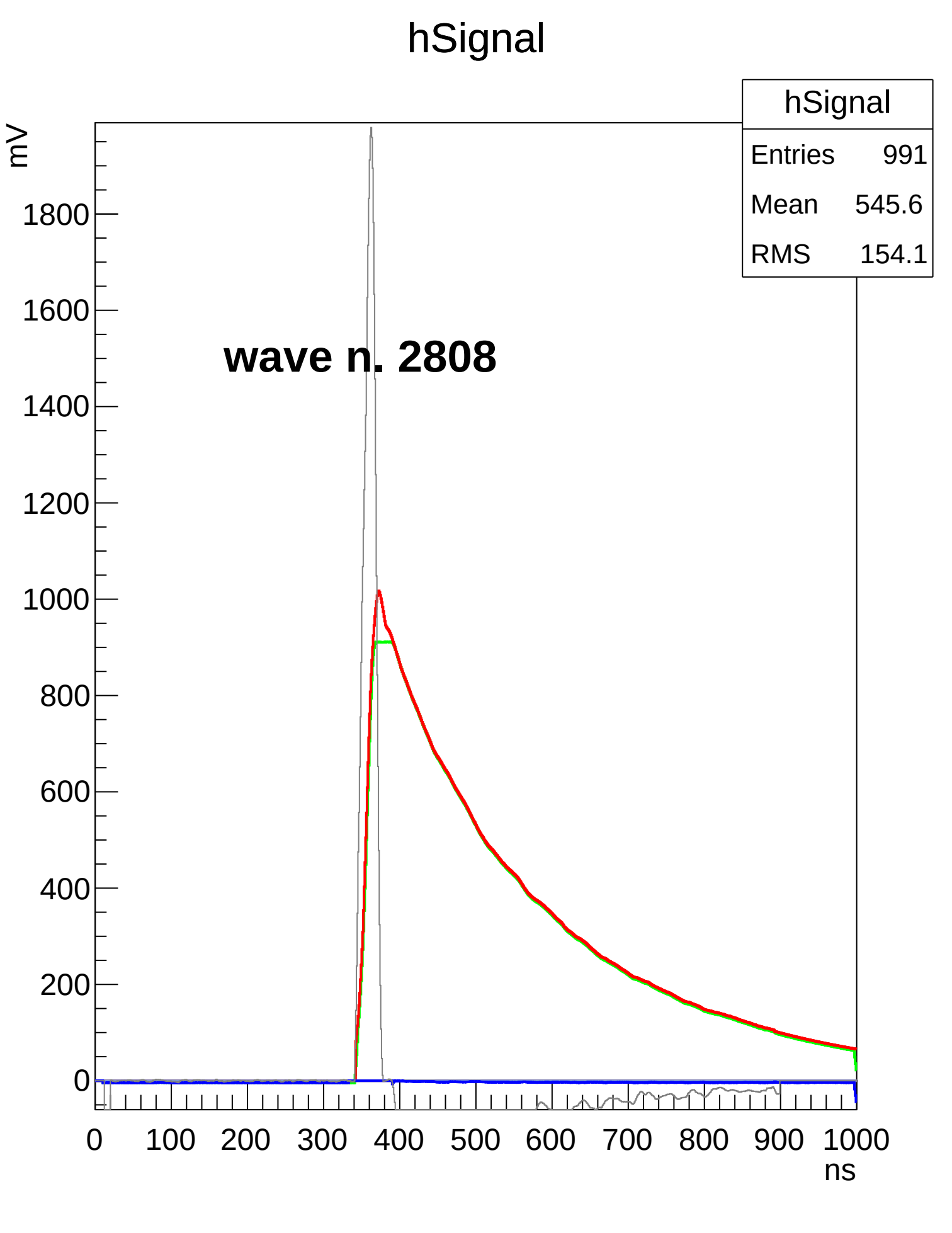
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 488.3
RMS 171.6
wave n. 2807
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 545.6
RMS 154.1
wave n. 2808
mV
1800
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1200
1000
800
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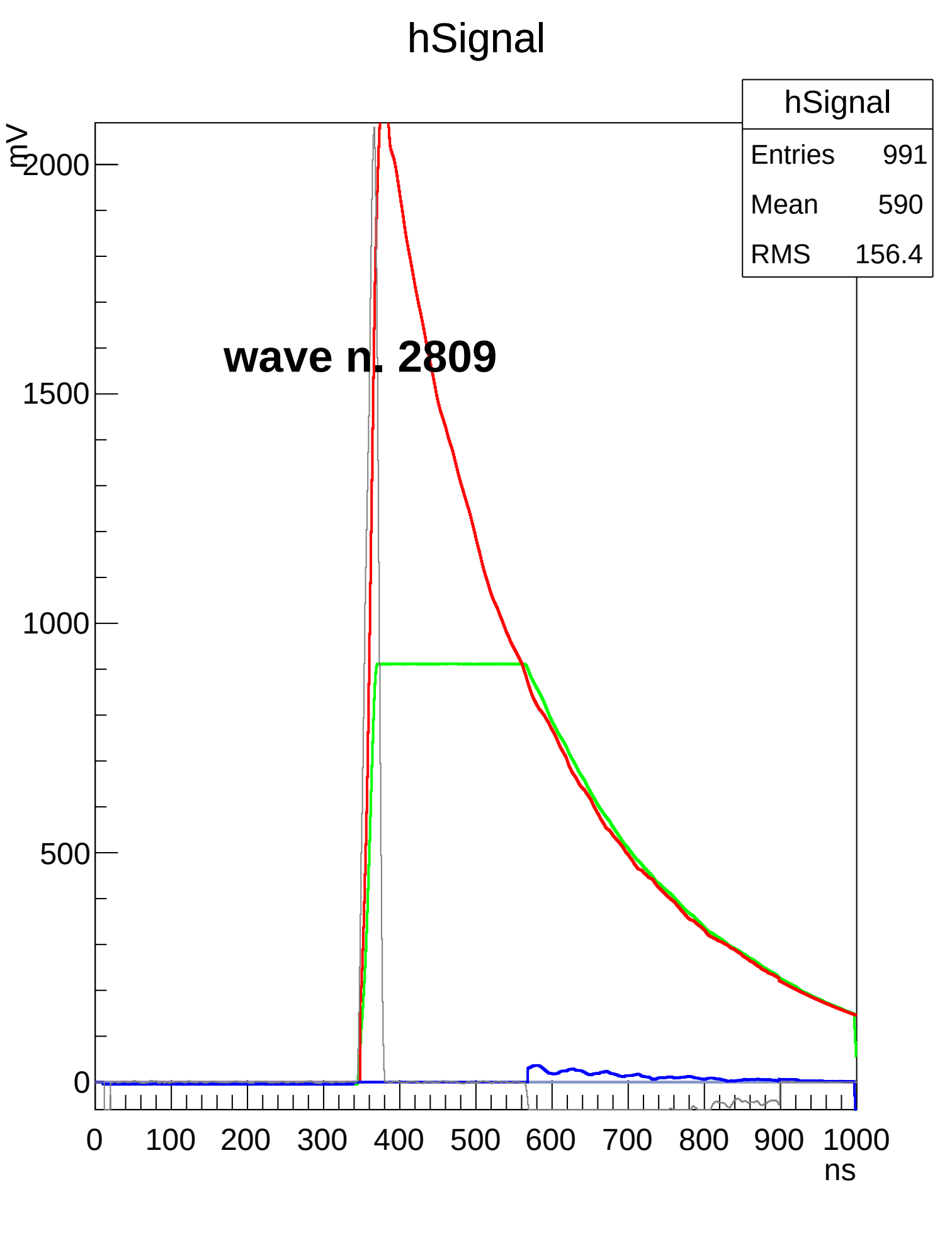
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 590
RMS 156.4
wave n. 2809
mV
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1000
500
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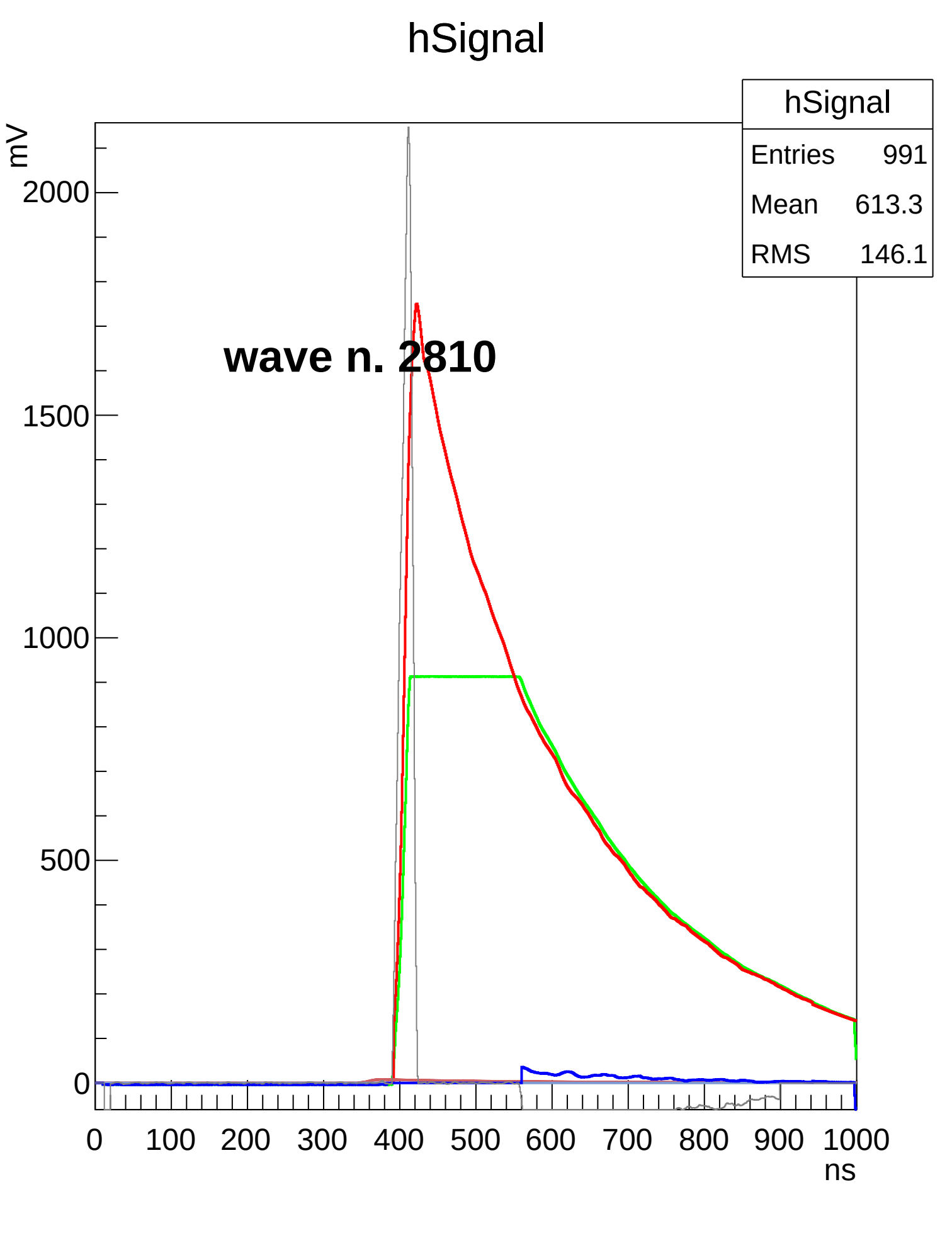
ns


hSignal
hSignal
Entries 991
Mean 613.3
RMS 146.1
wave n. 2810
mV
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1500
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400
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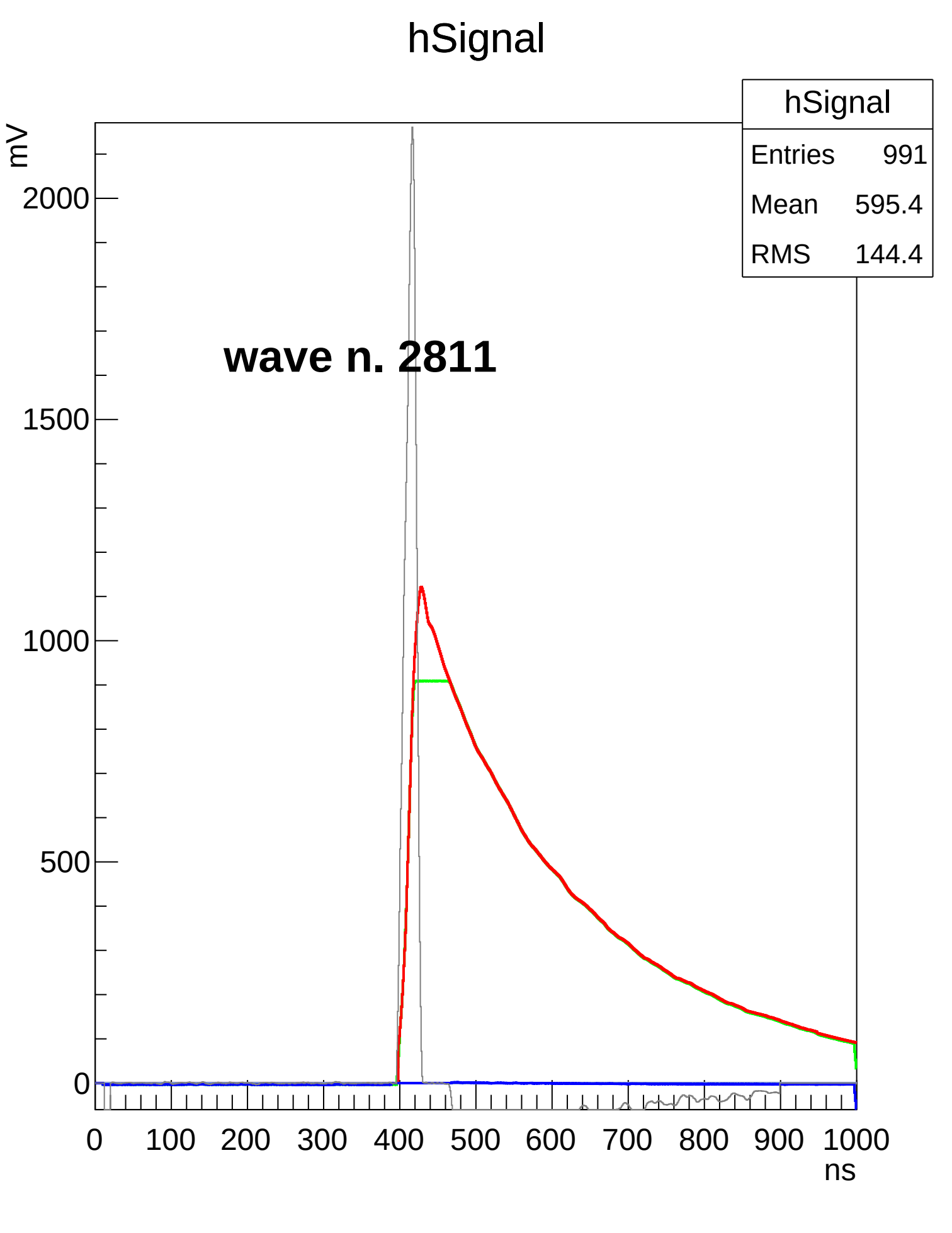
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 595.4
RMS 144.4
wave n. 2811
mV
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800
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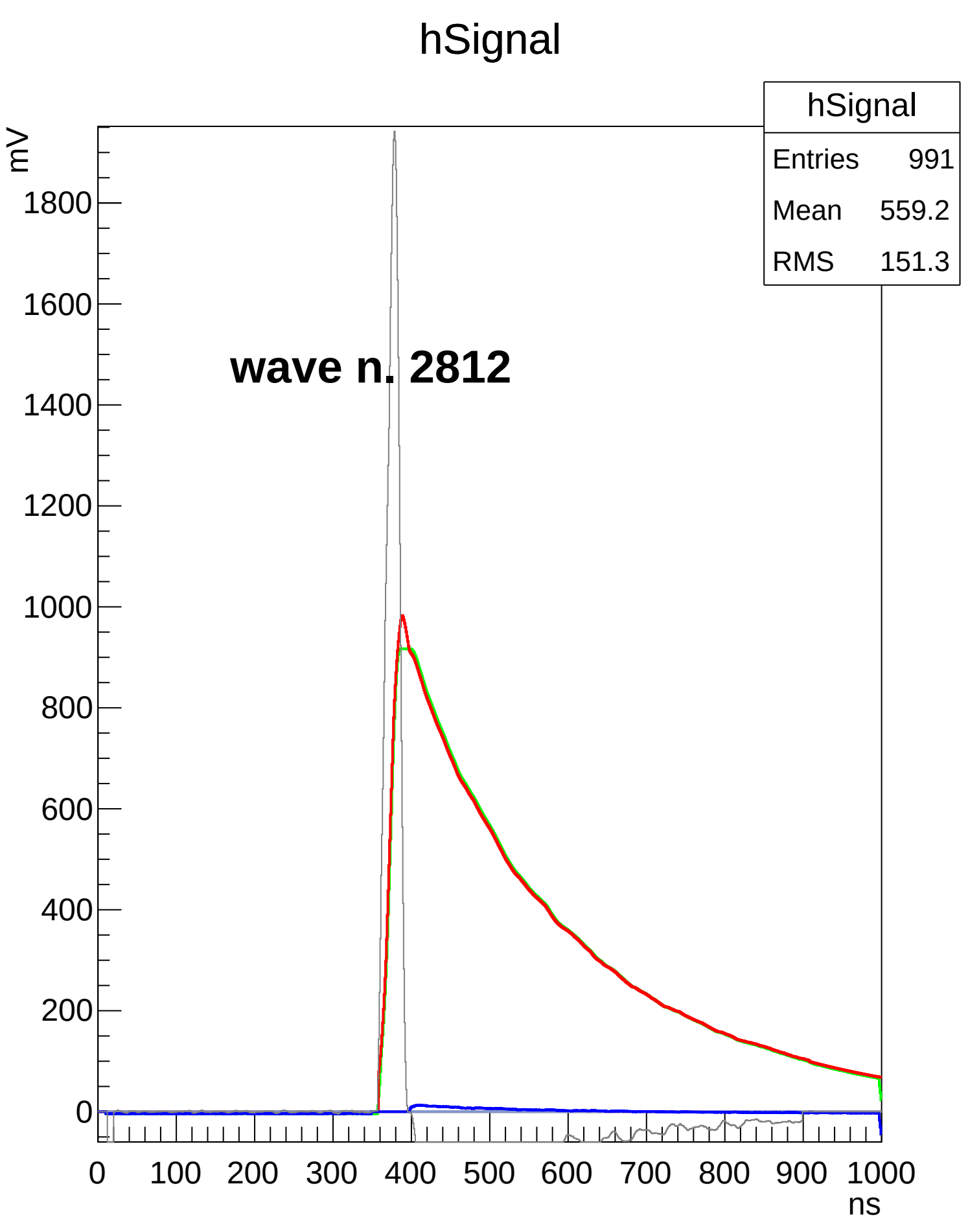
1000
ns


hSignal
hSignal
Entries 991
Mean 559.2
RMS 151.3
wave n. 2812
mV
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1600
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1200
1000
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400
200
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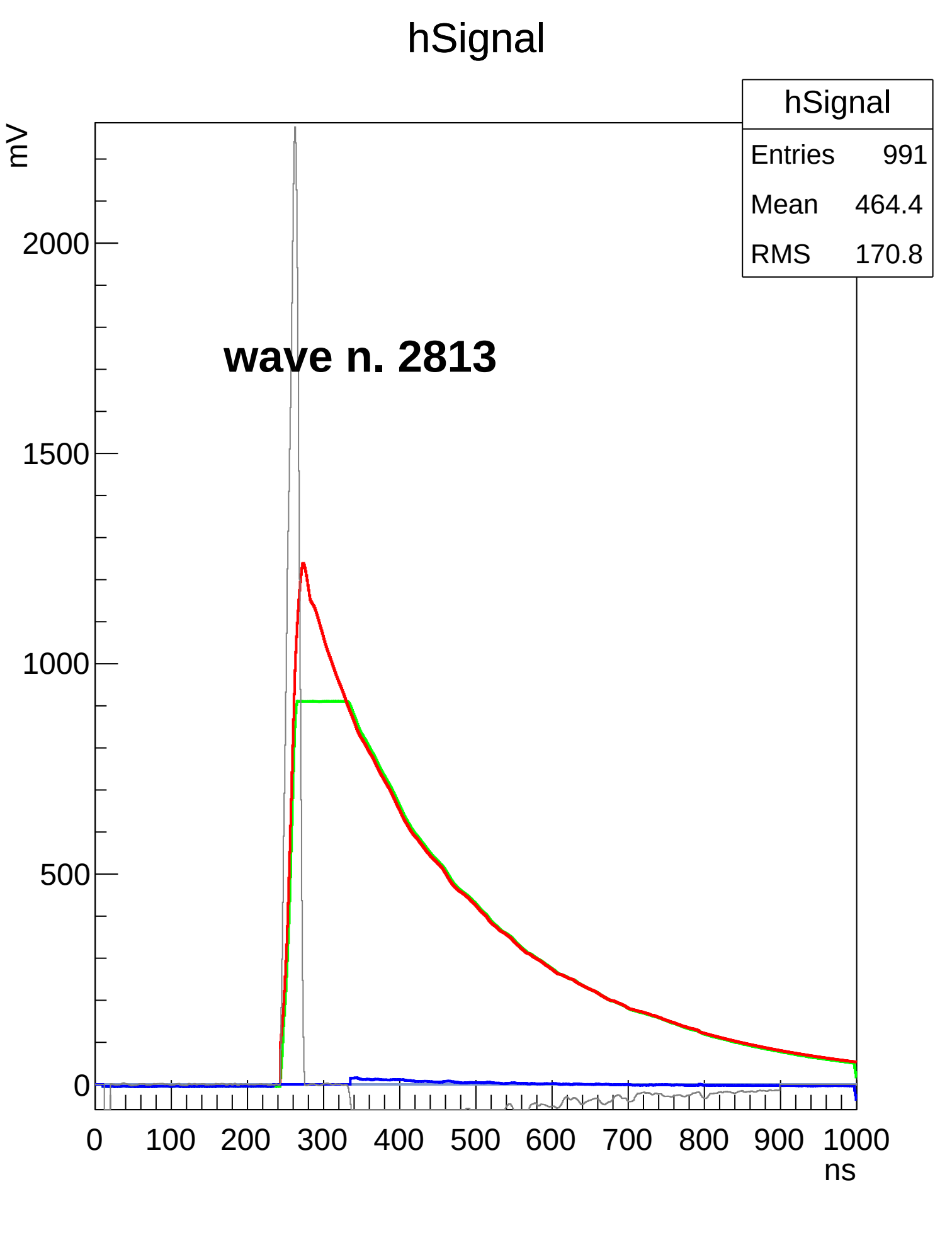
ns


hSignal
hSignal
Entries 991
Mean 464.4
RMS 170.8
wave n. 2813
mV
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1000
500
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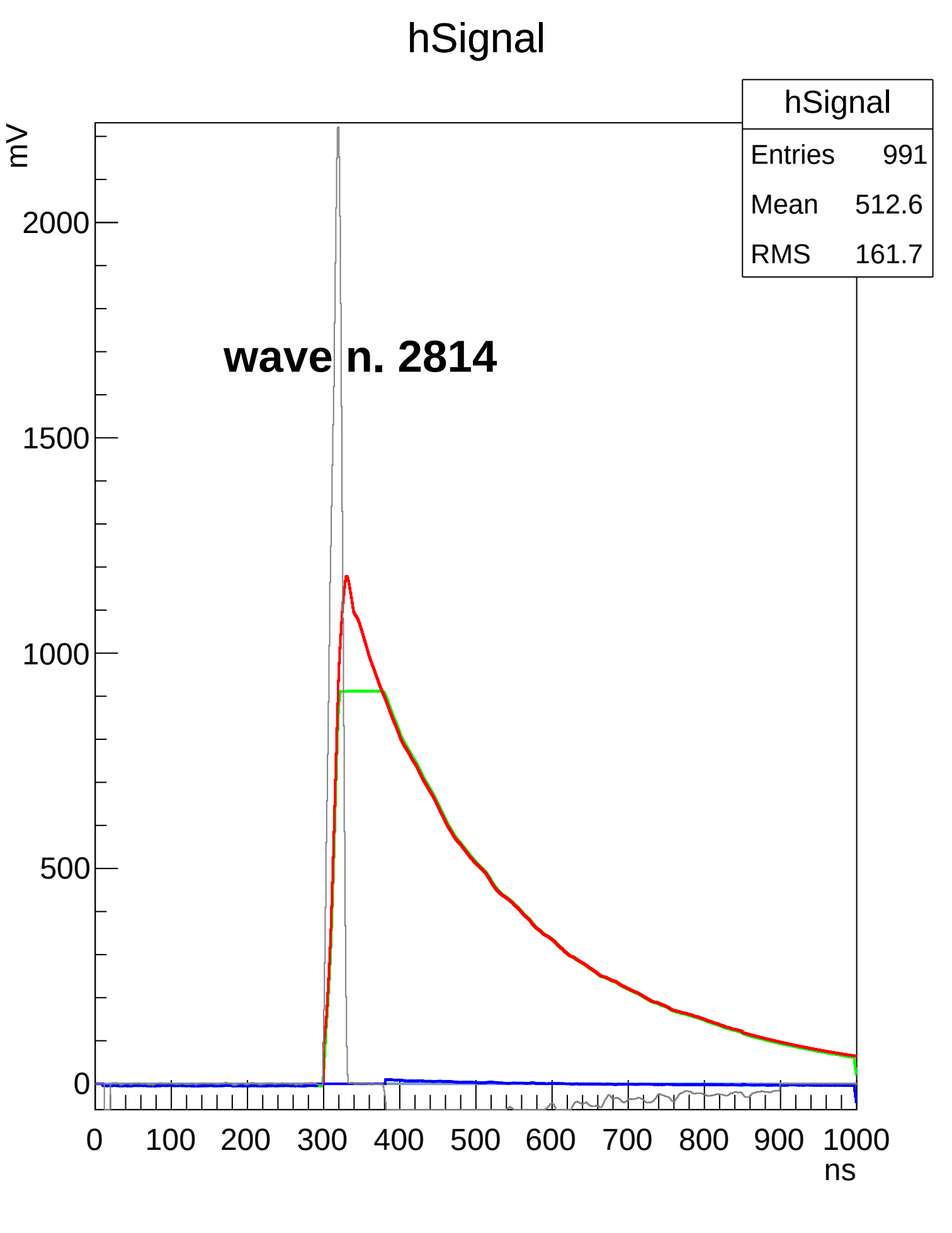
ns


hSignal
hSignal
Entries 991
Mean 512.6
RMS 161.7
wave n. 2814
mV
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1500
1000
500
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400
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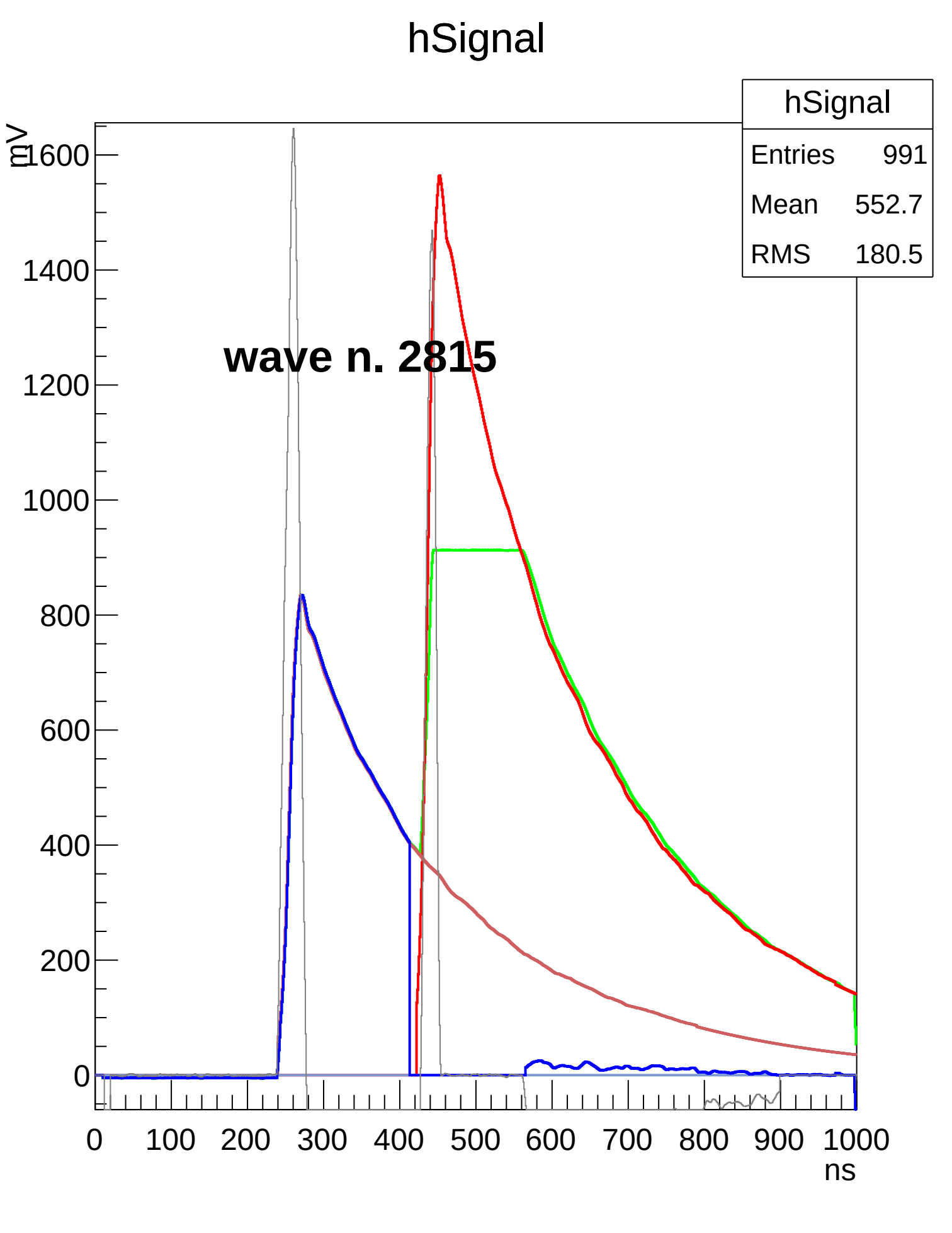
ns


hSignal
hSignal
Entries 991
Mean 552.7
RMS 180.5
wave n. 2815
mV
1600
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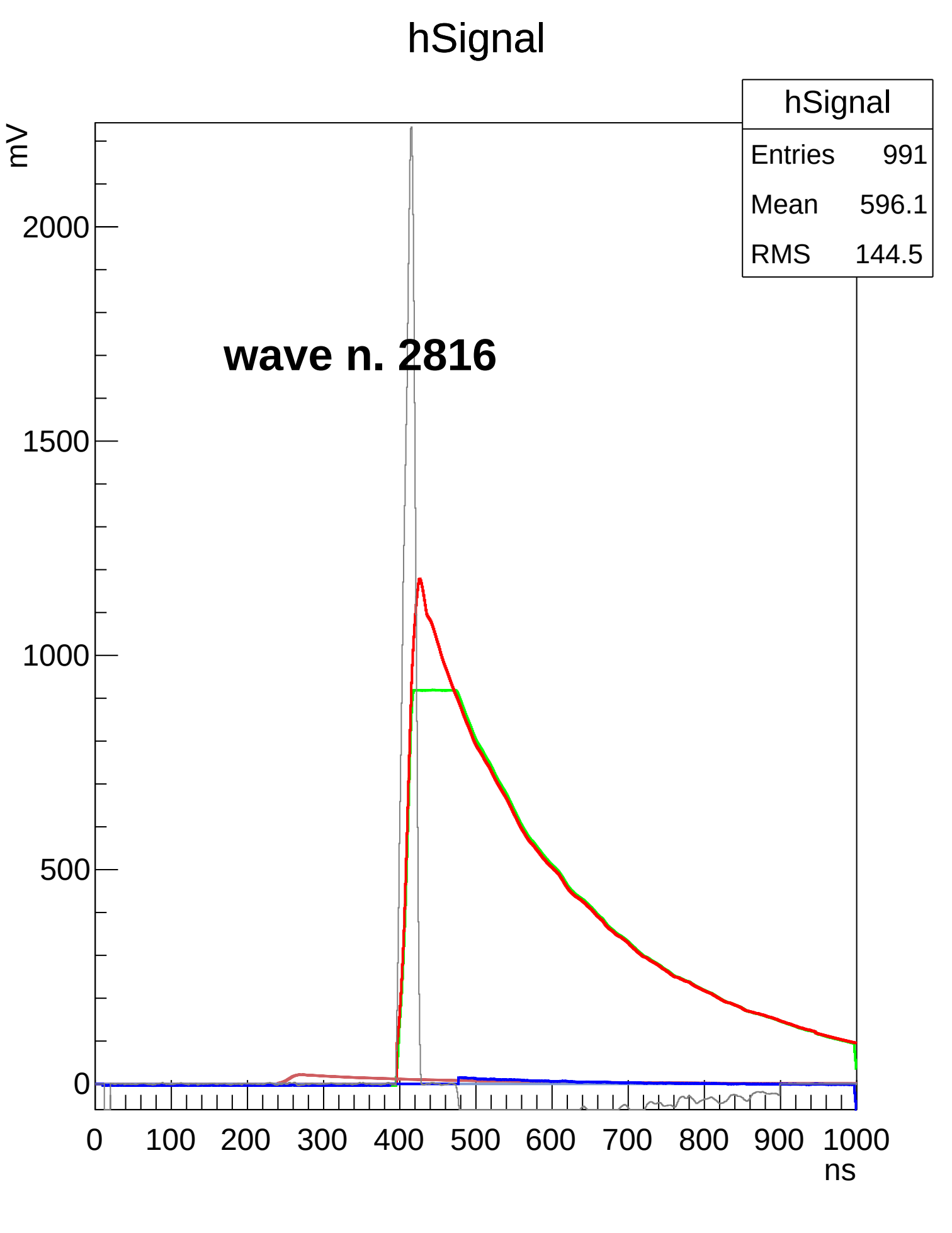
1000
ns


hSignal
hSignal
Entries 991
Mean 596.1
RMS 144.5
wave n. 2816
mV
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1000
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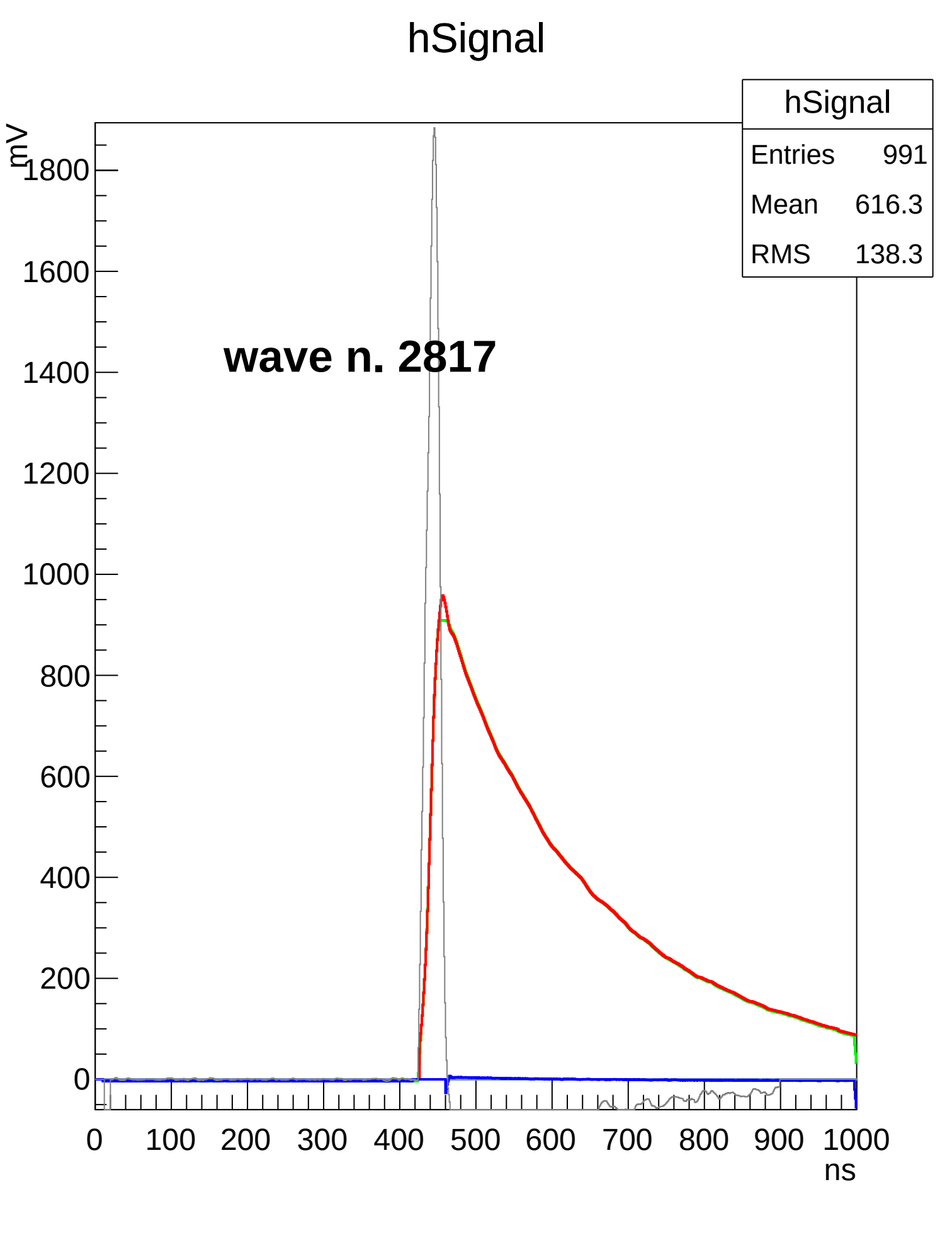
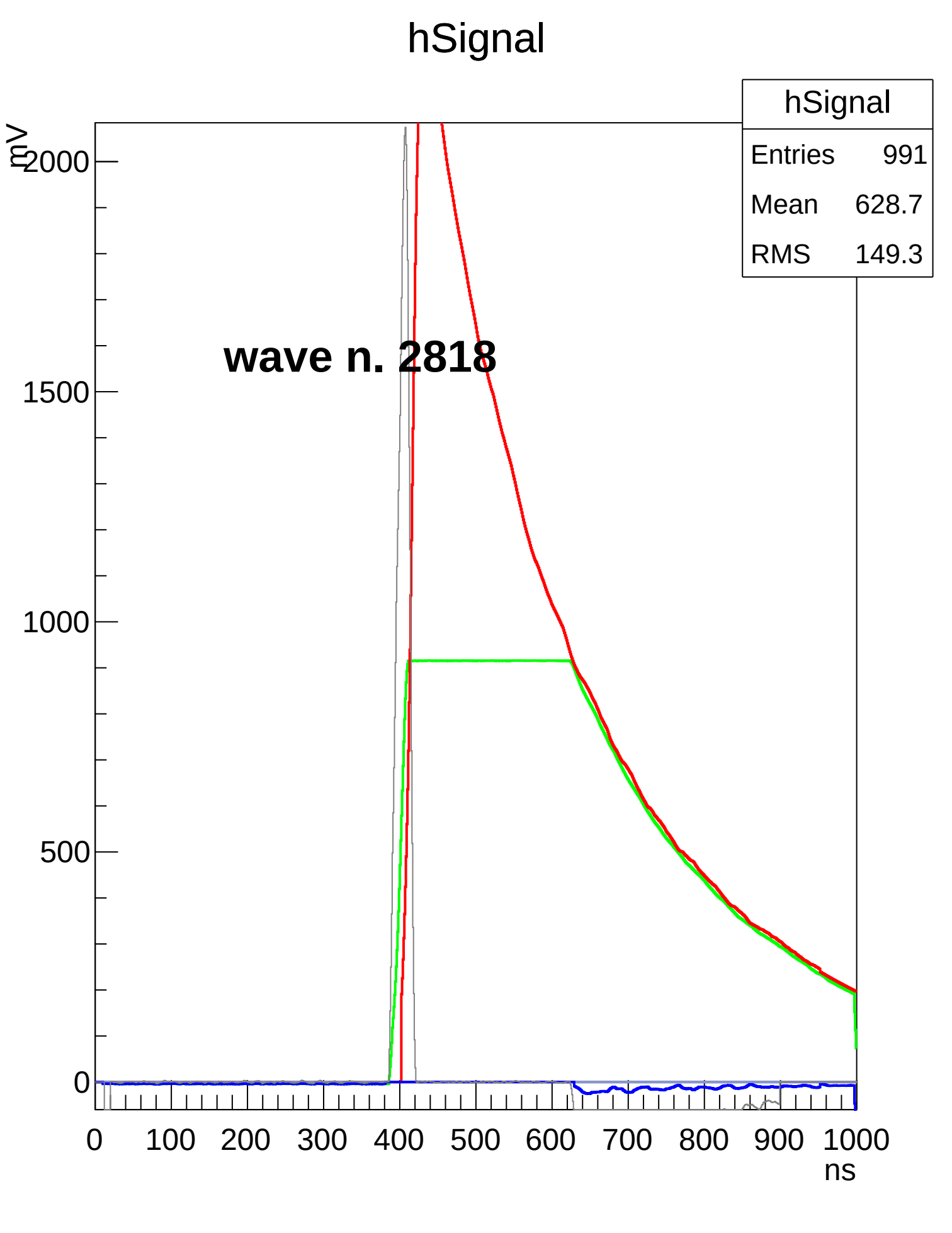
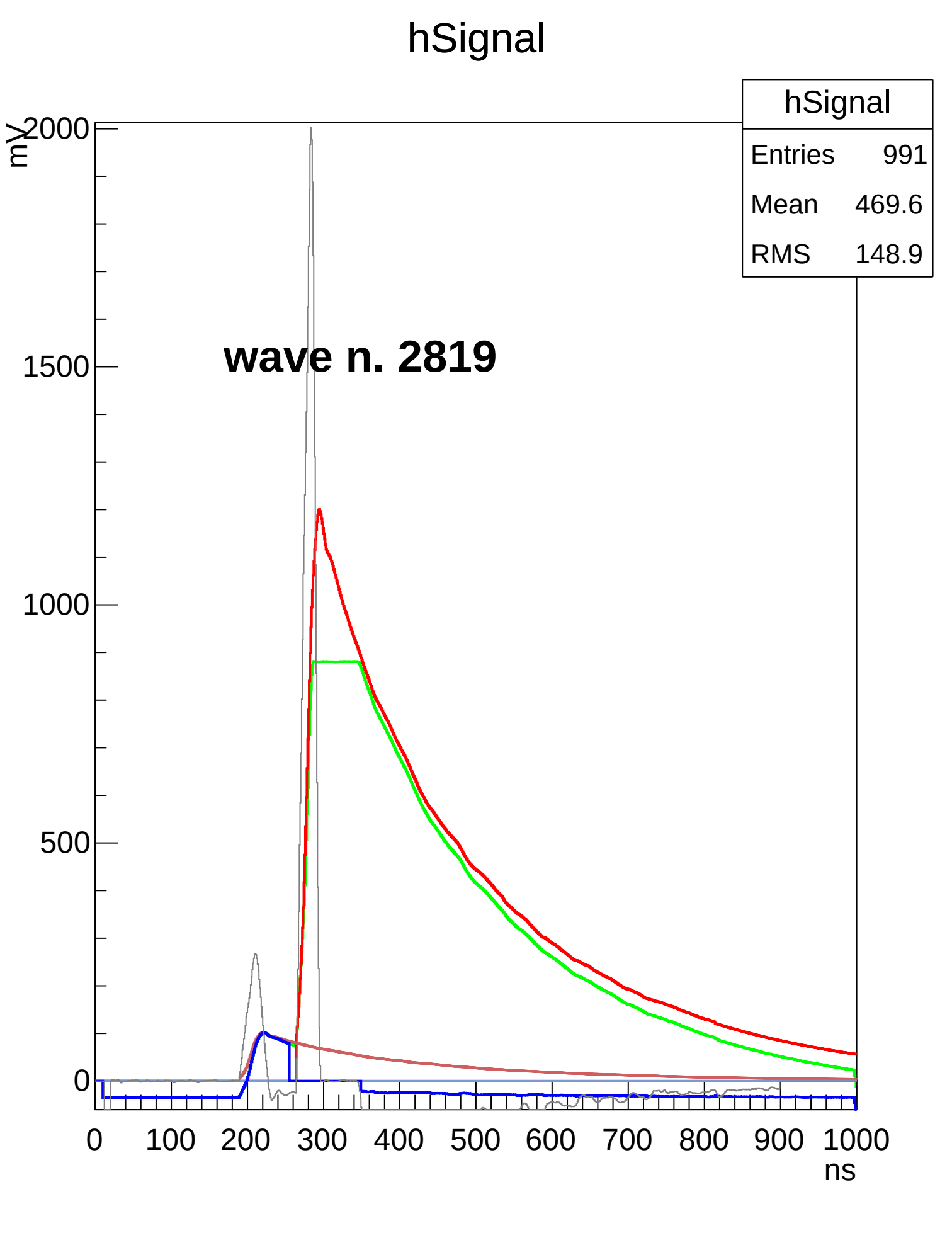
1000
ns


hSignal
hSignal
Entries 991
Mean 616.3
RMS 138.3
wave n. 2817
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 628.7
RMS 149.3
wave n. 2818
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 469.6
RMS 148.9
wave n. 2819
mV
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1500
1000
500
0
0
100
200
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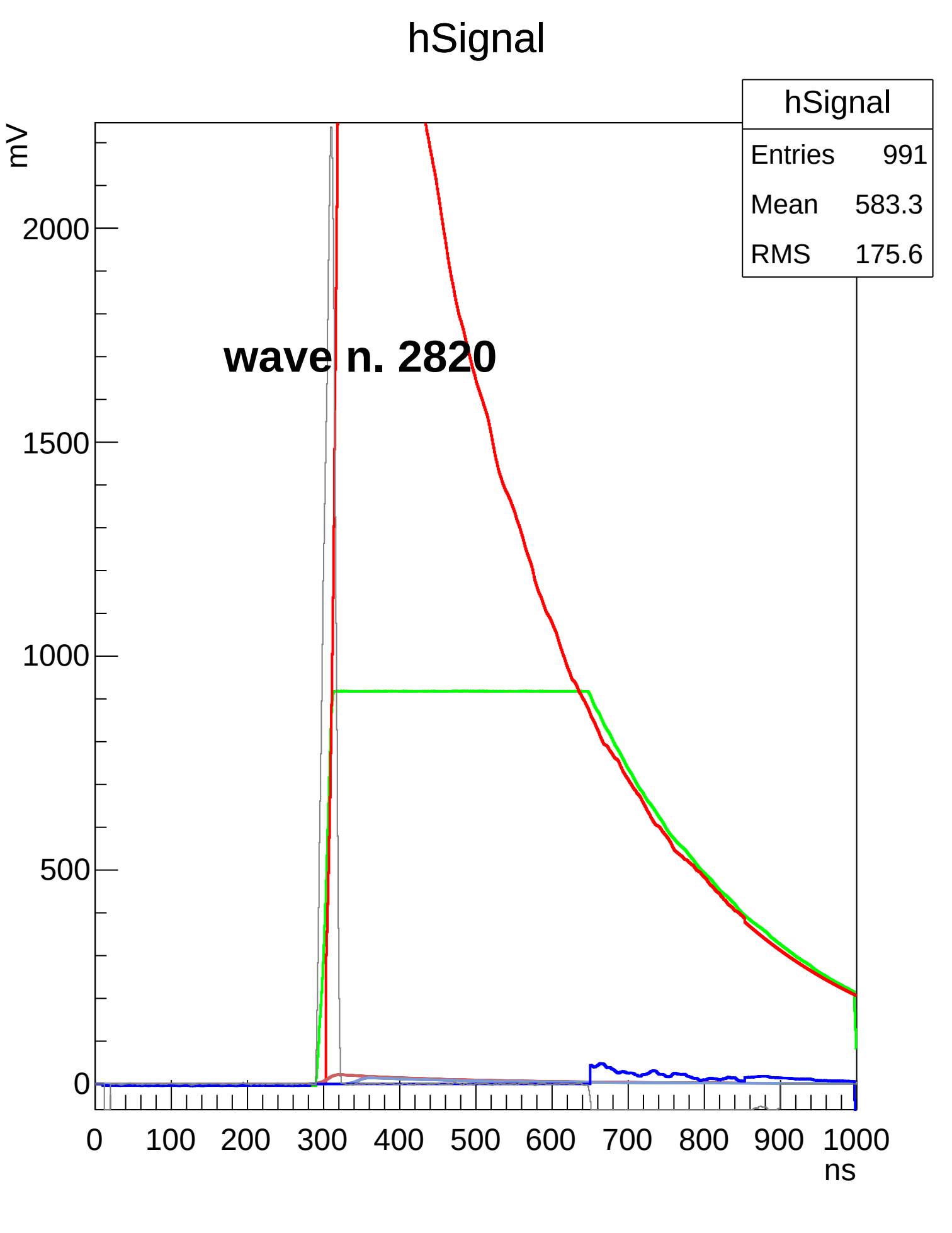
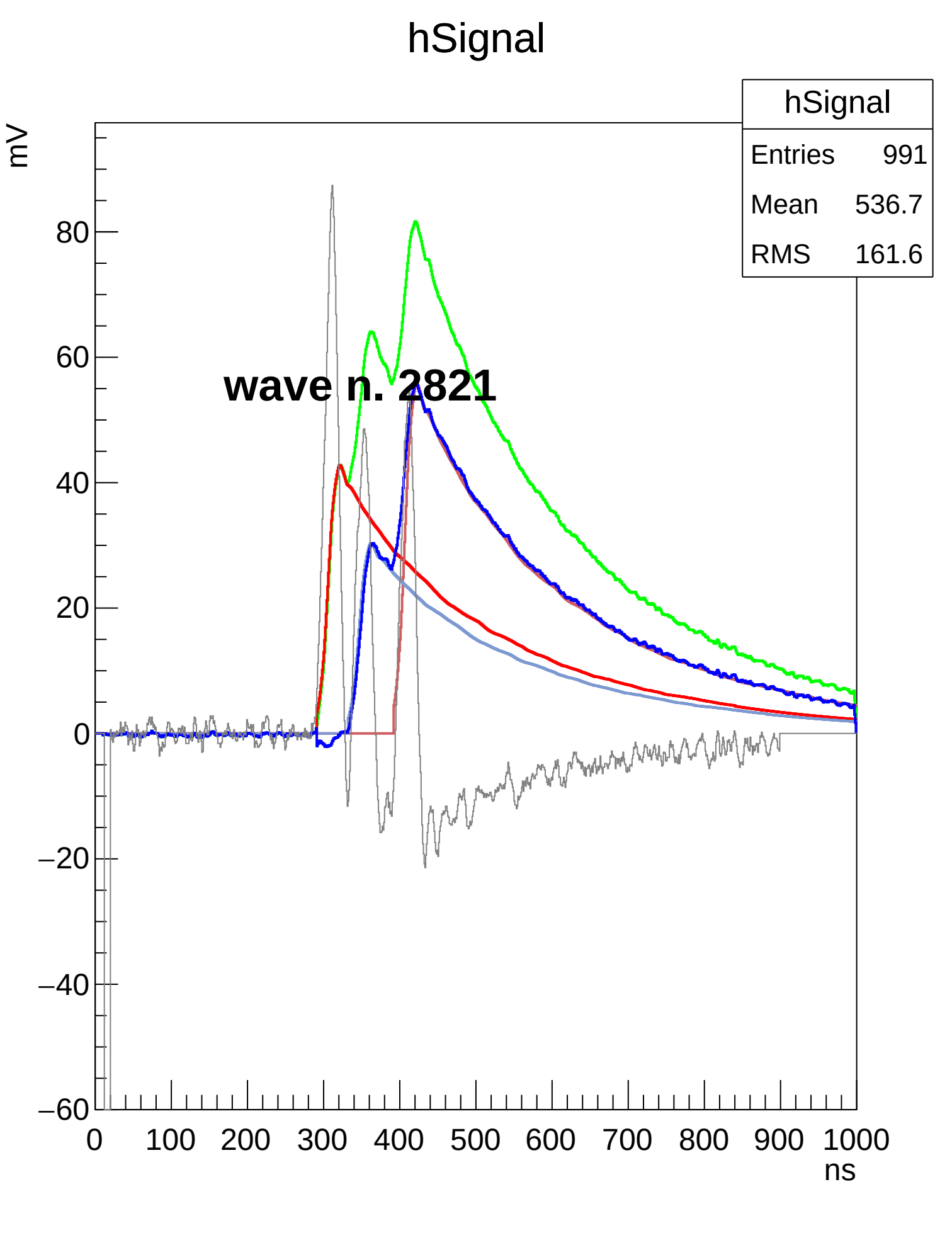
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 583.3
RMS 175.6
wave n. 2820
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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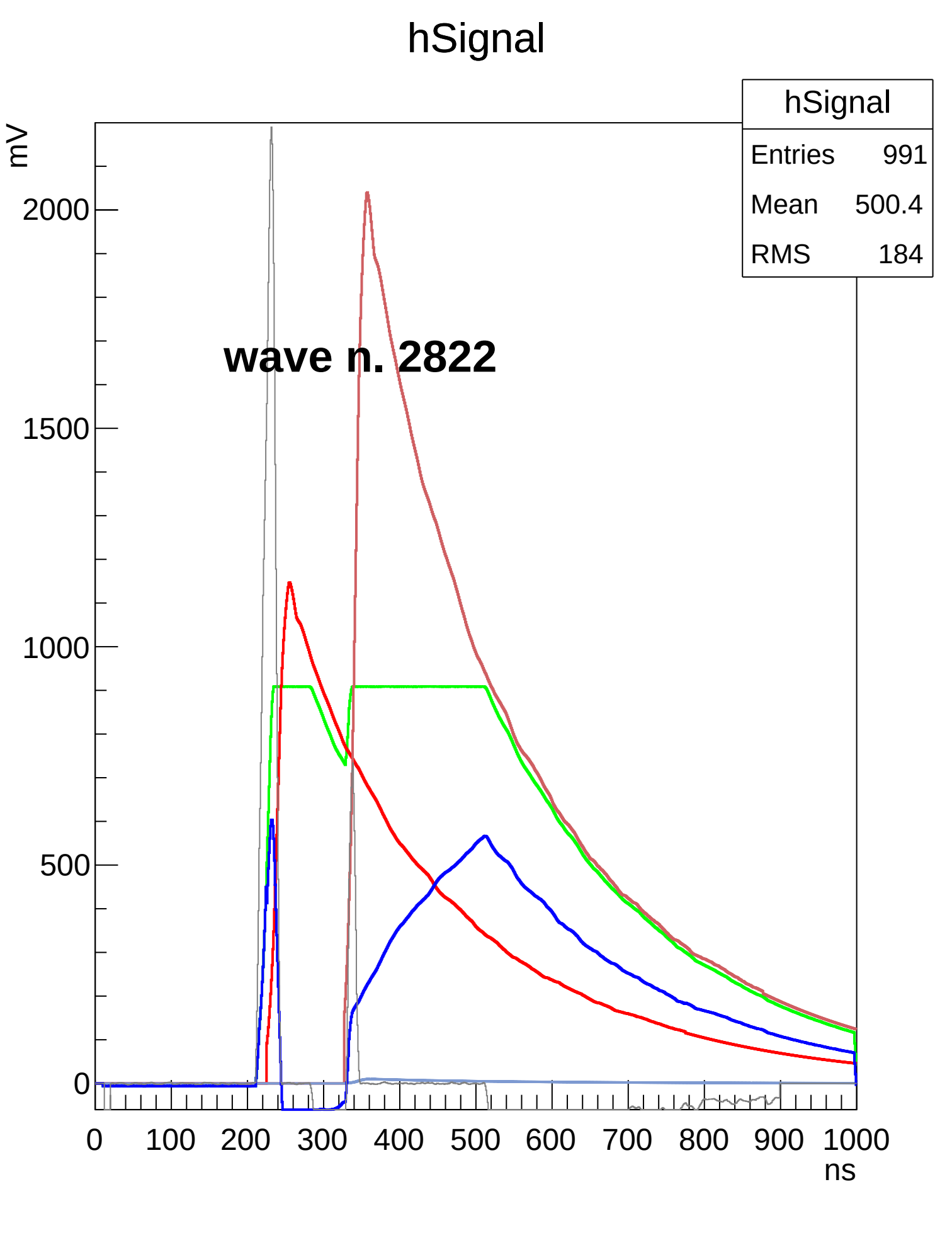
hSignal
Entries 991
Mean 536.7
RMS 161.6
wave n. 2821
mV
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 500.4
RMS 184
wave n. 2822
mV
2000
1500
1000
500
0
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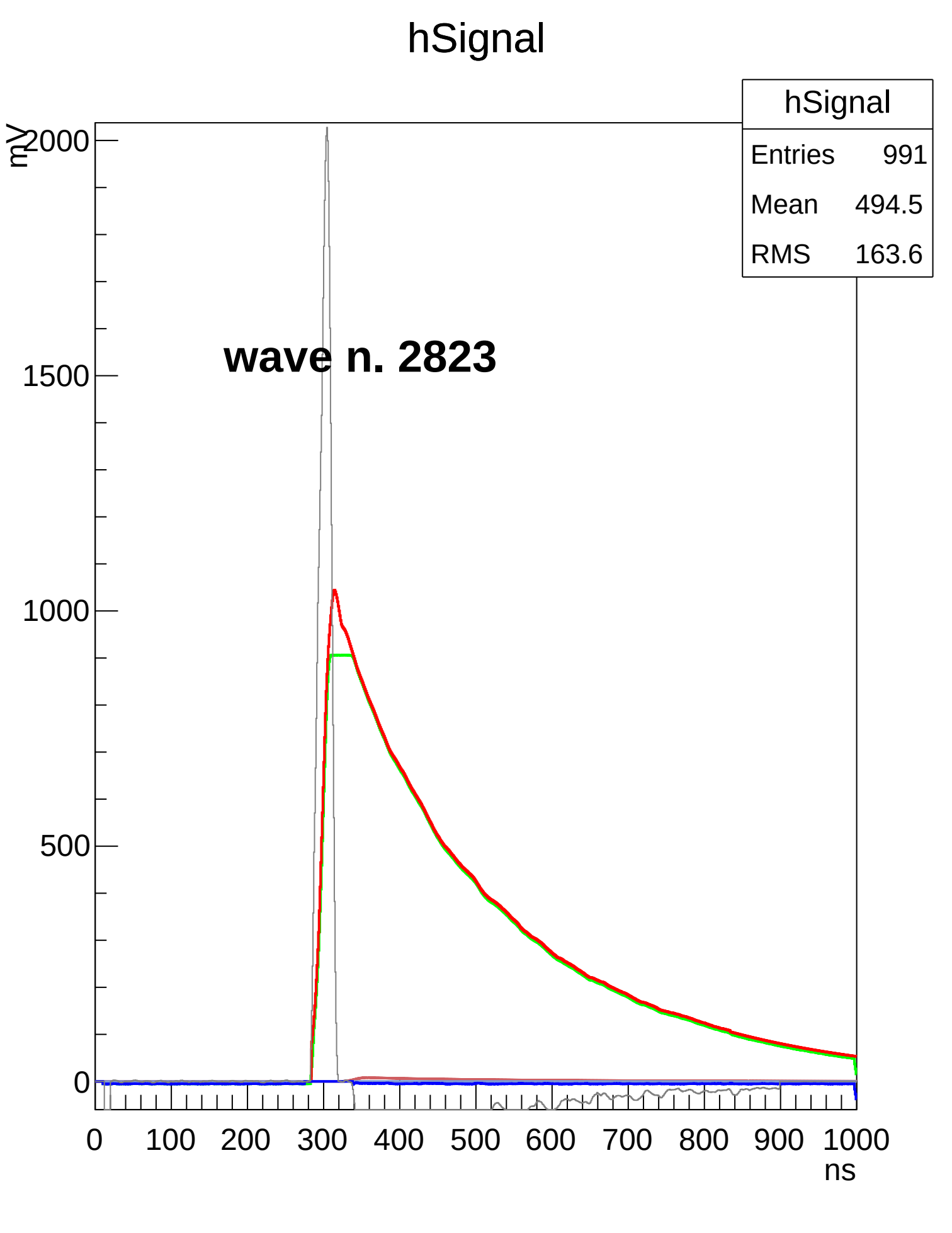
ns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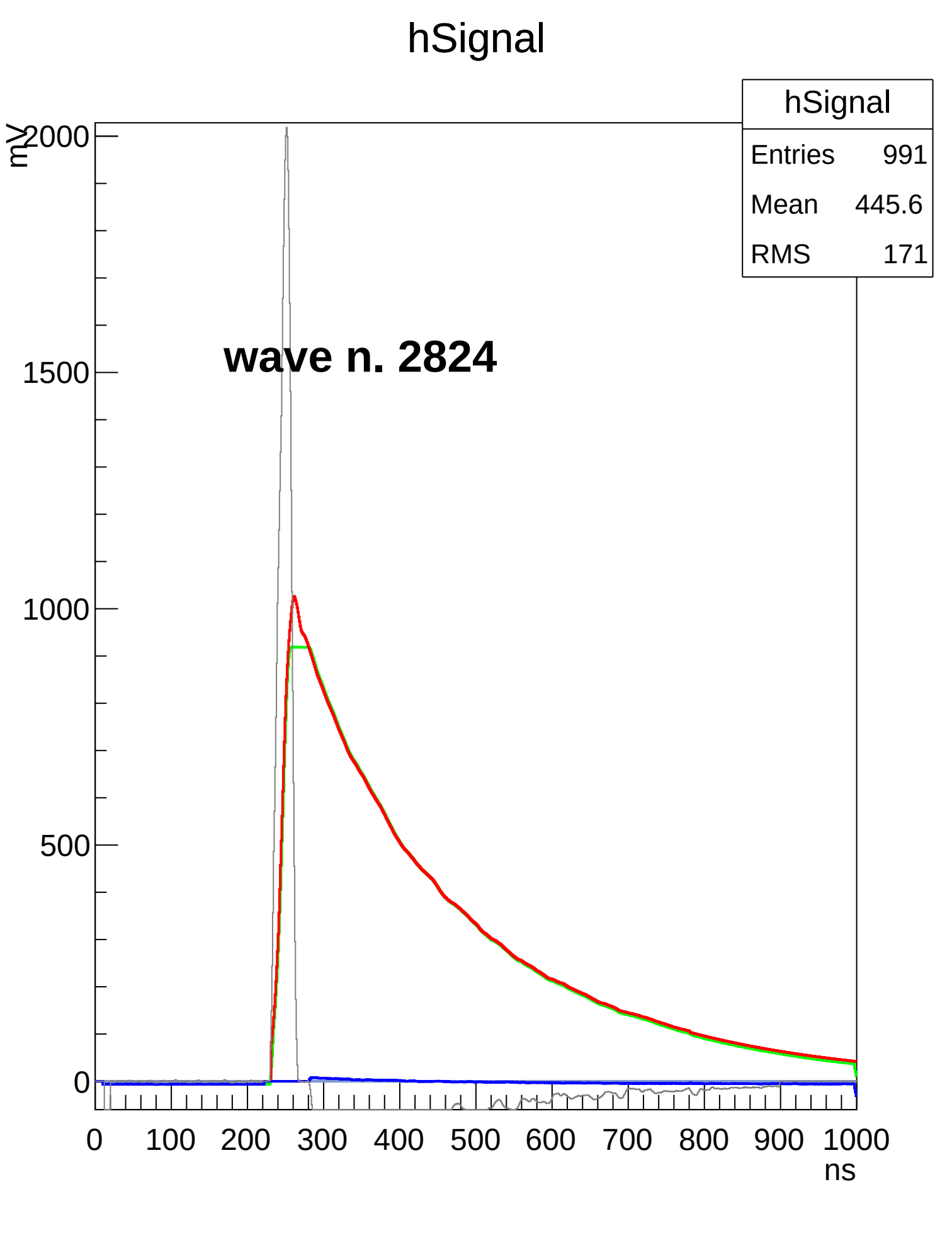
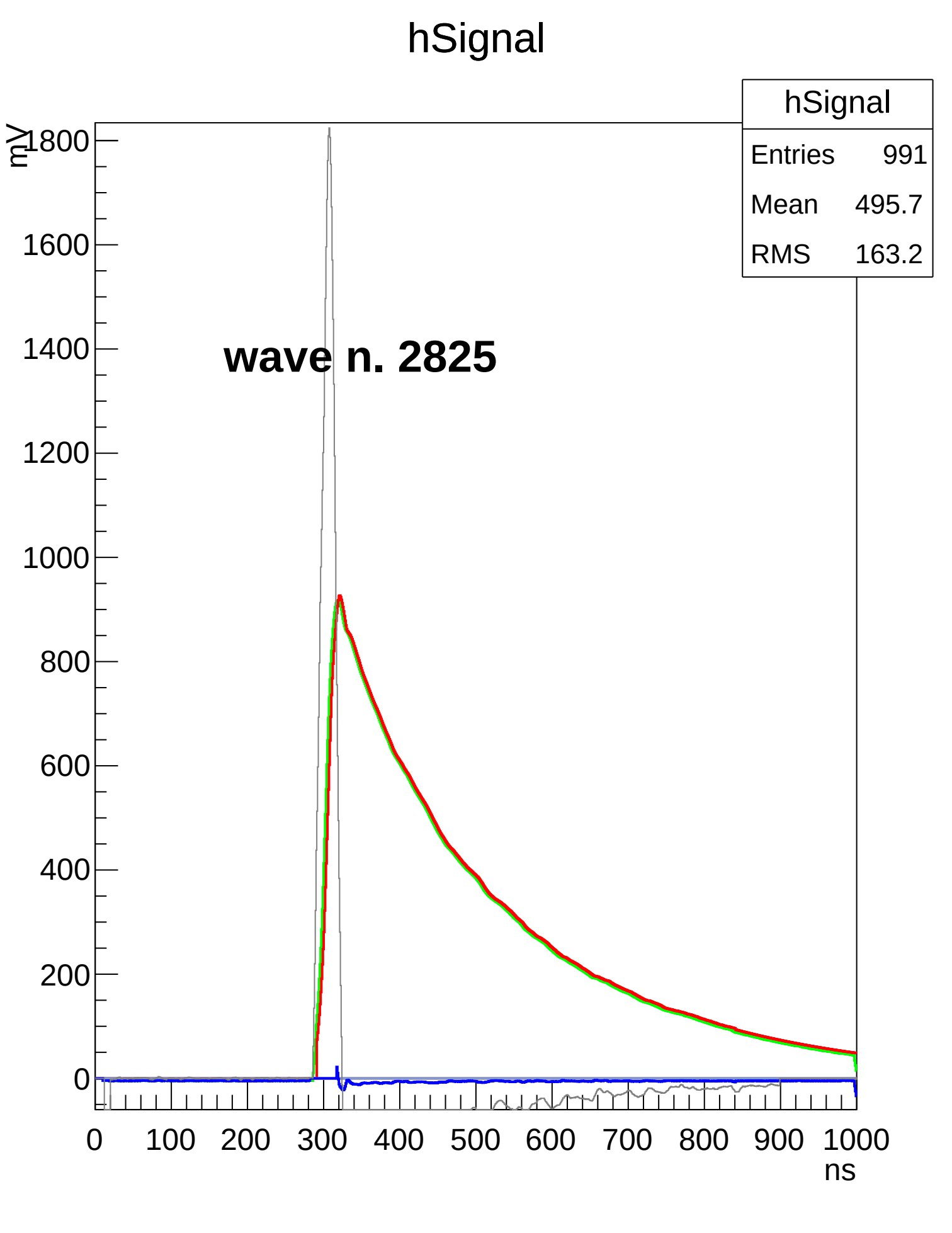
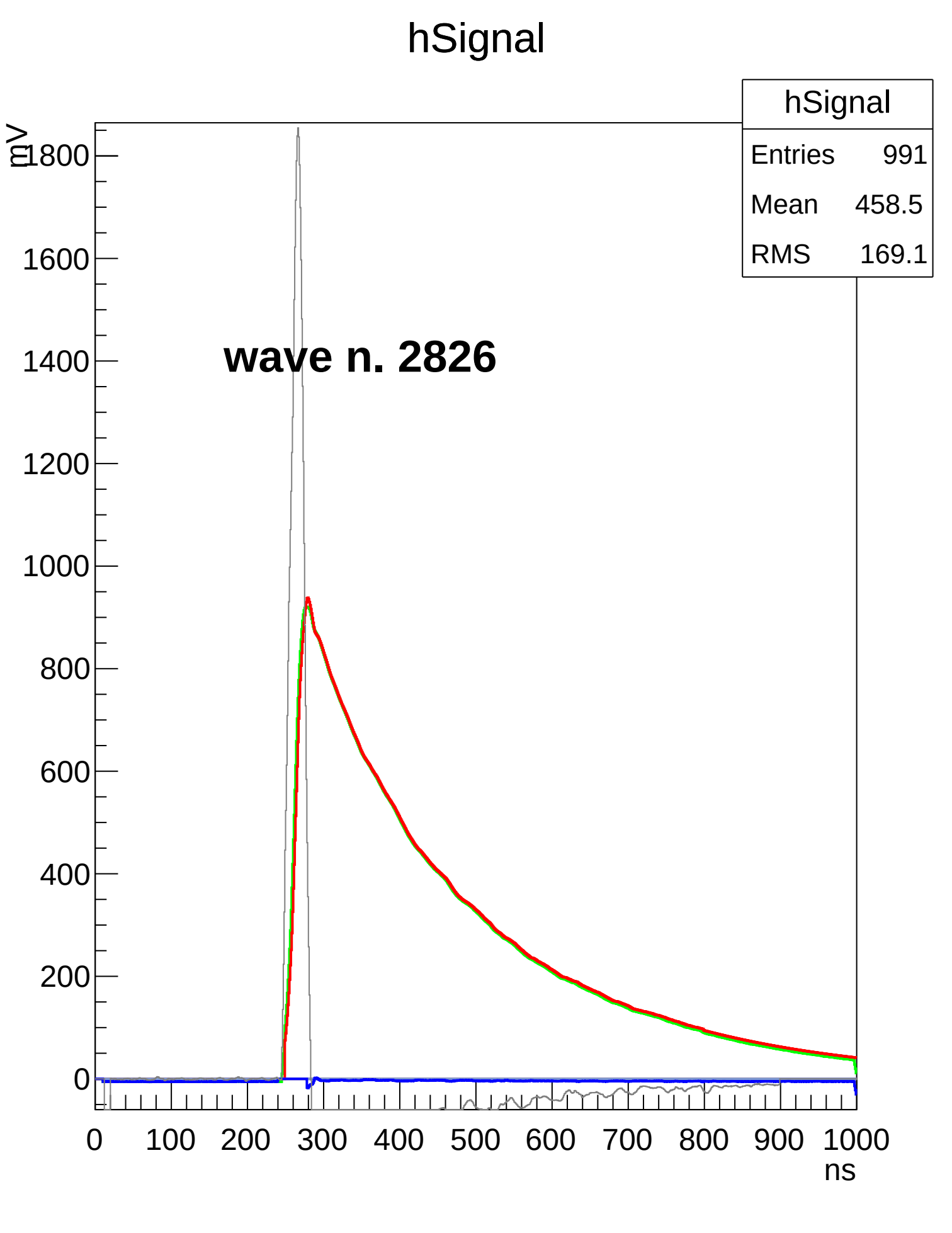
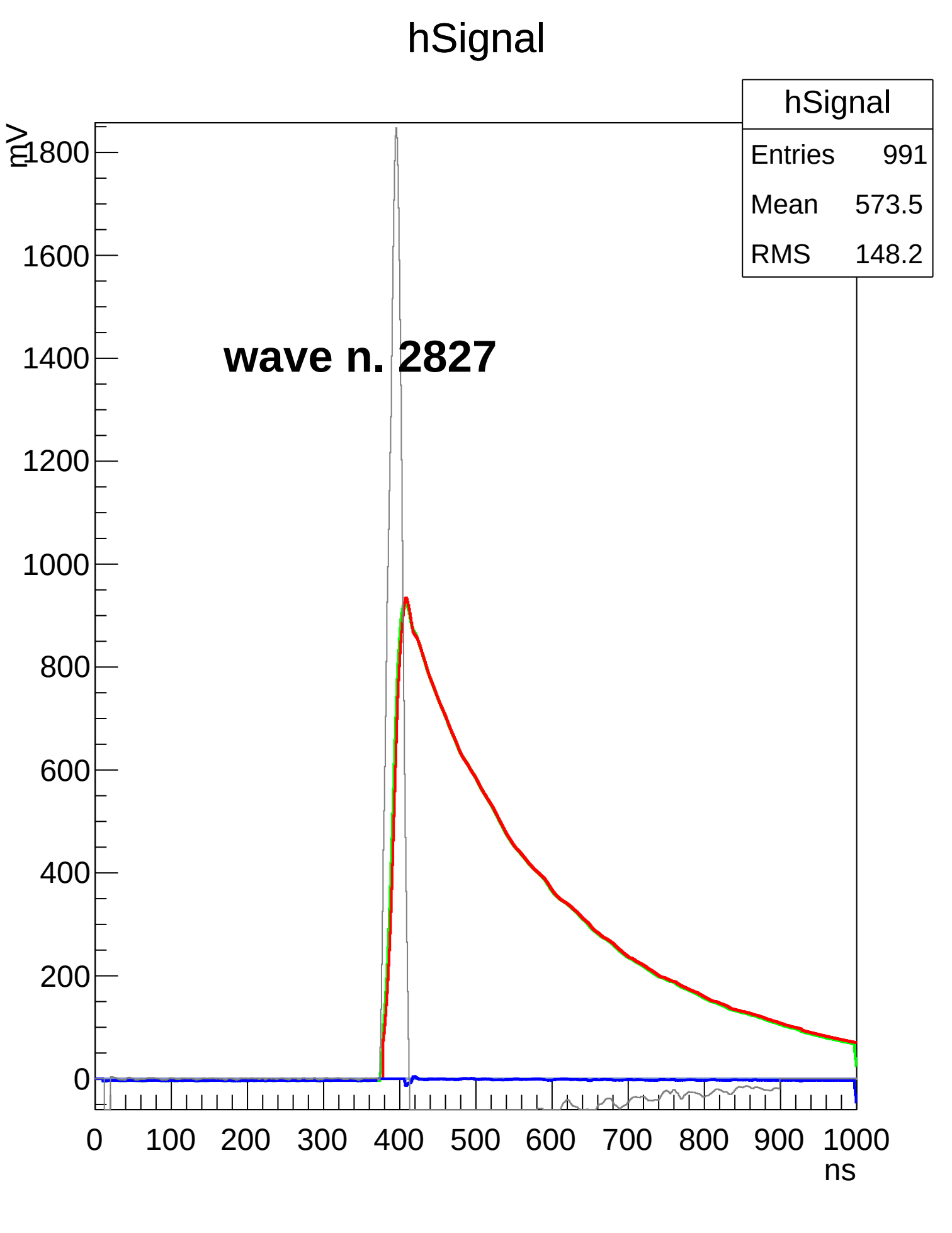
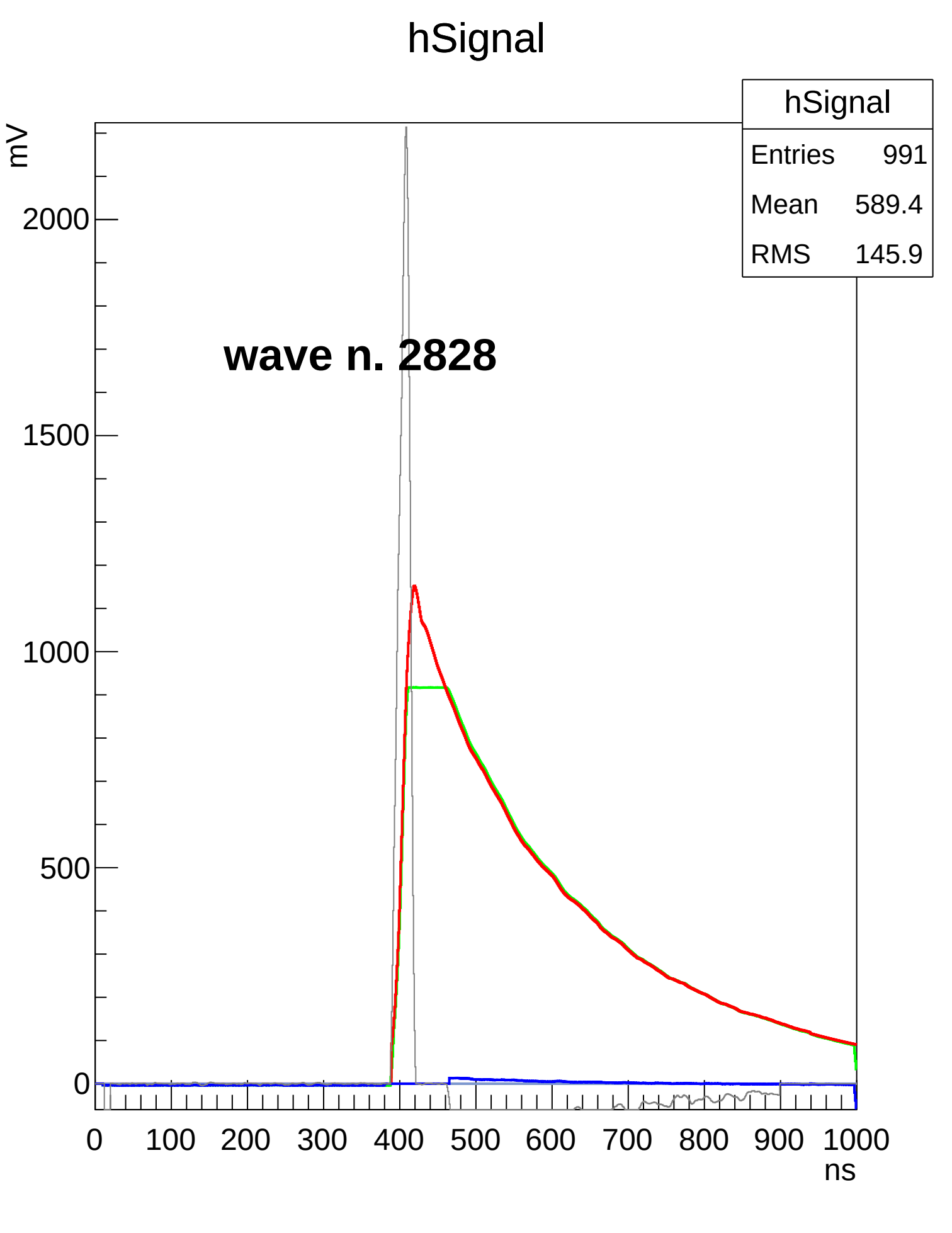
hSignal
Entries 991
Mean 494.5
RMS 163.6
wave n. 2823
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

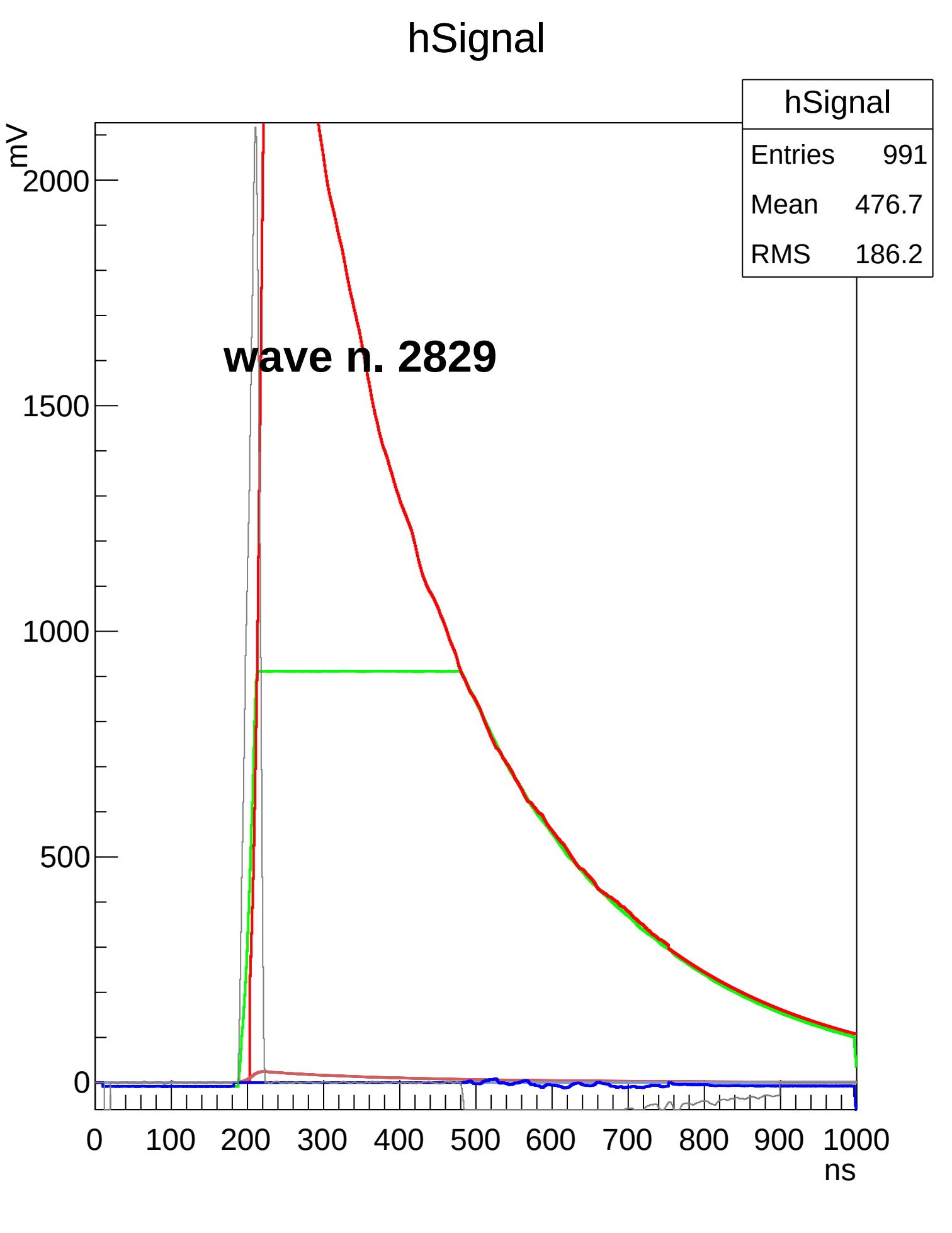

hSignal
hSignal
Entries 991
Mean 445.6
RMS 171
wave n. 2824
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

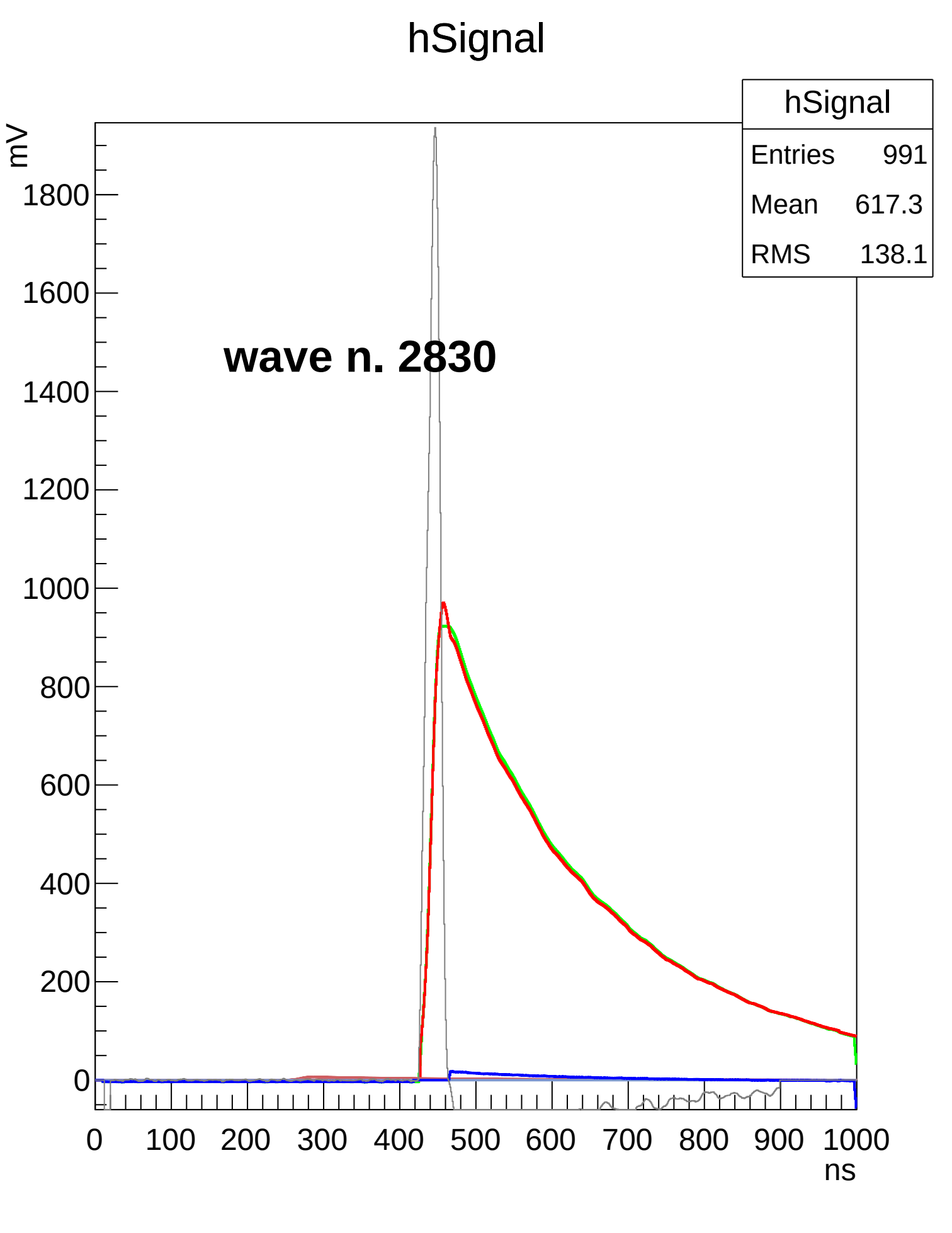

hSignal
hSignal
Entries 991
Mean 495.7
RMS 163.2
wave n. 2825
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

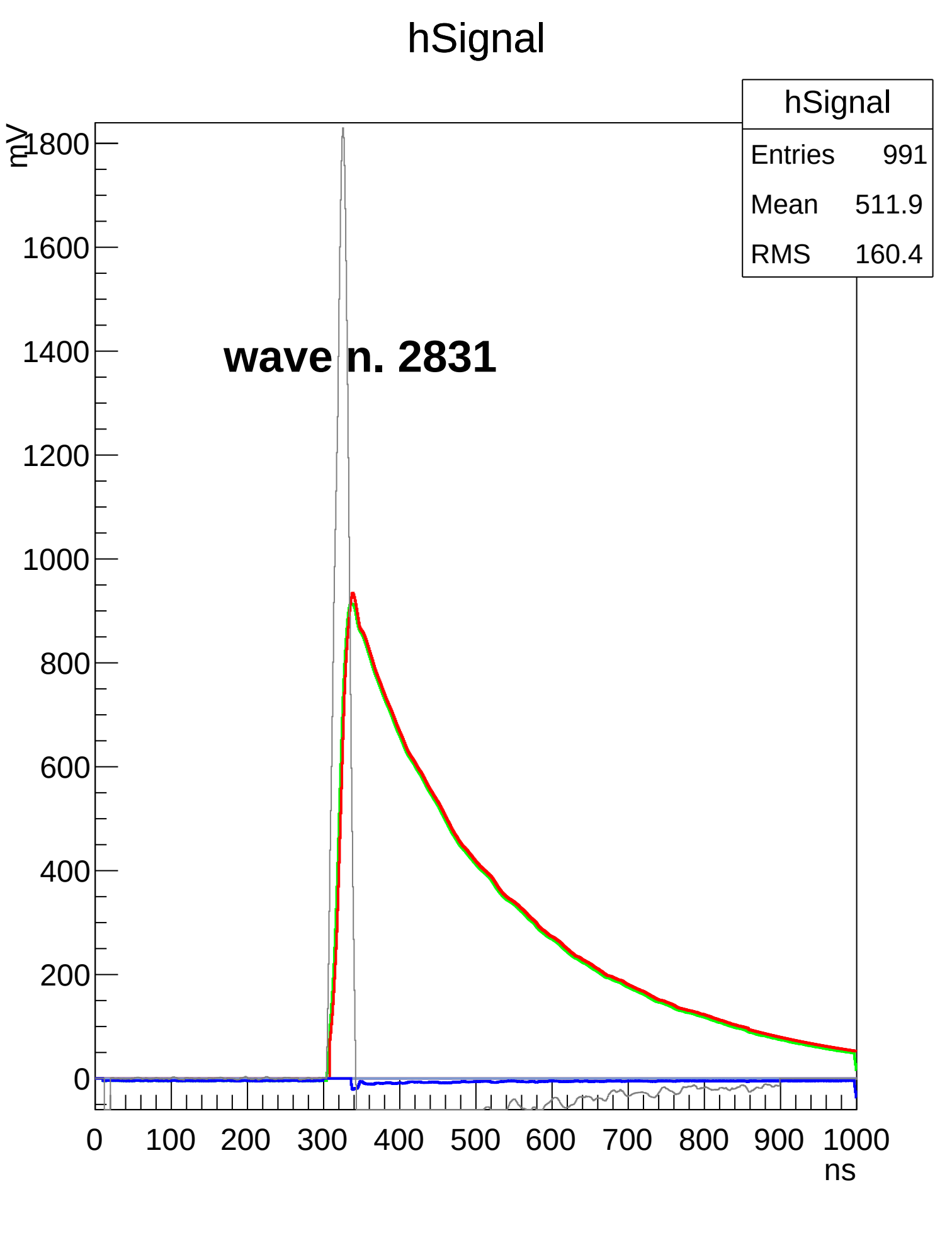

hSignal
hSignal
Entries 991
Mean 458.5
RMS 169.1
wave n. 2826
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

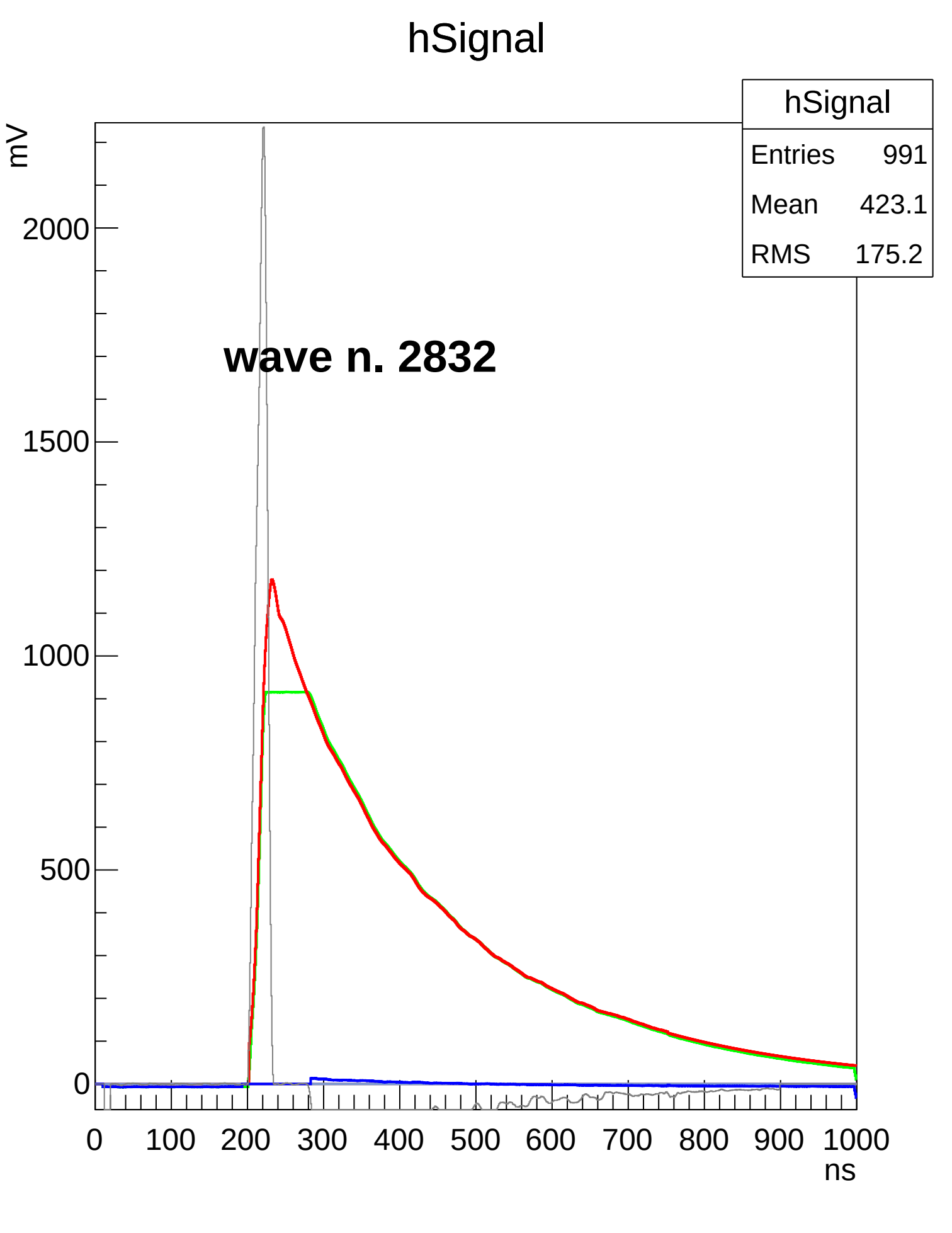

hSignal
hSignal
Entries 991
Mean 573.5
RMS 148.2
wave n. 2827
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 589.4
RMS 145.9
wave n. 2828
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 476.7
RMS 186.2
wave n. 2829
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 617.3
RMS 138.1
wave n. 2830
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 511.9
RMS 160.4
wave n. 2831
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 423.1
RMS 175.2
wave n. 2832
mV
2000
1500
1000
500
0
0
100
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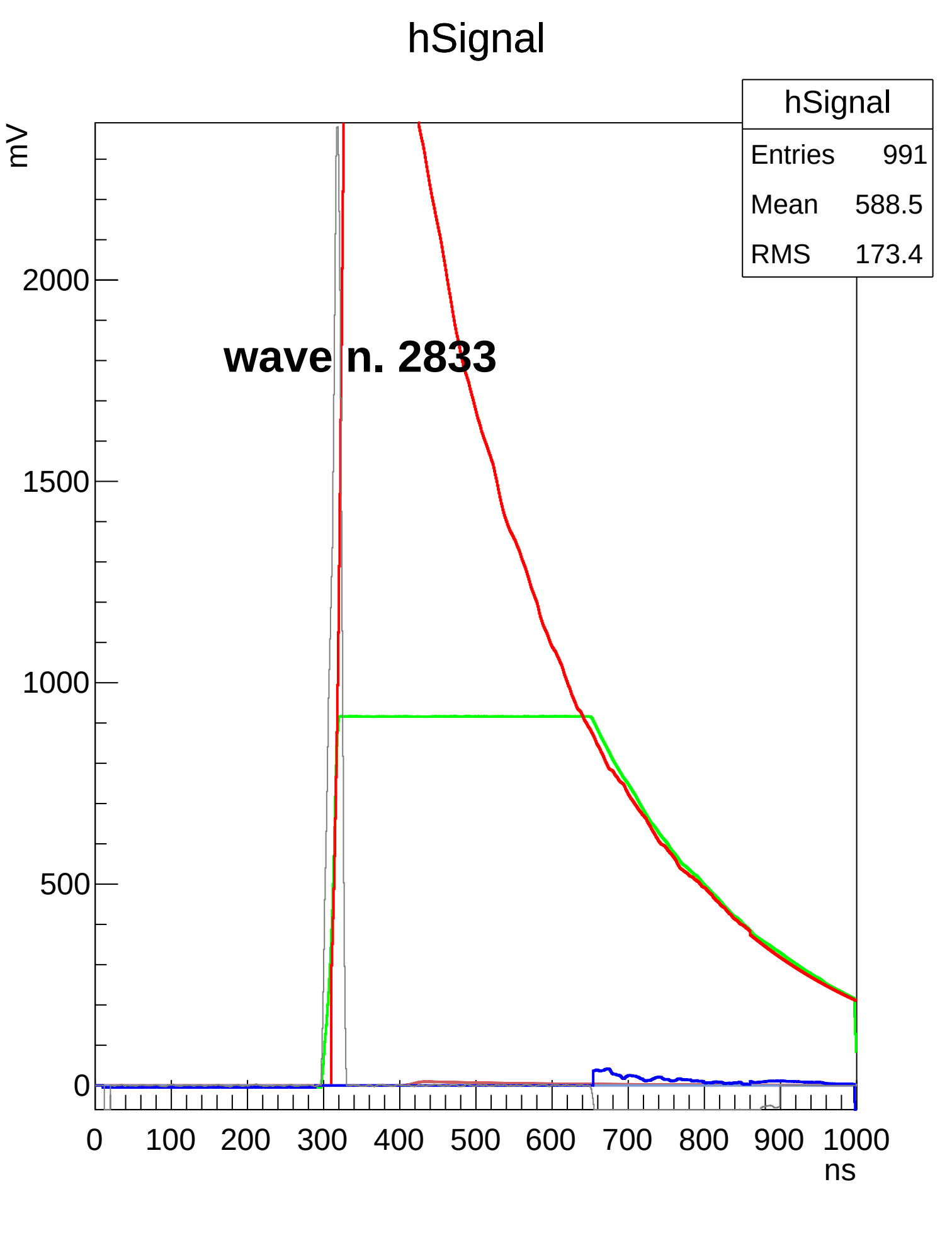
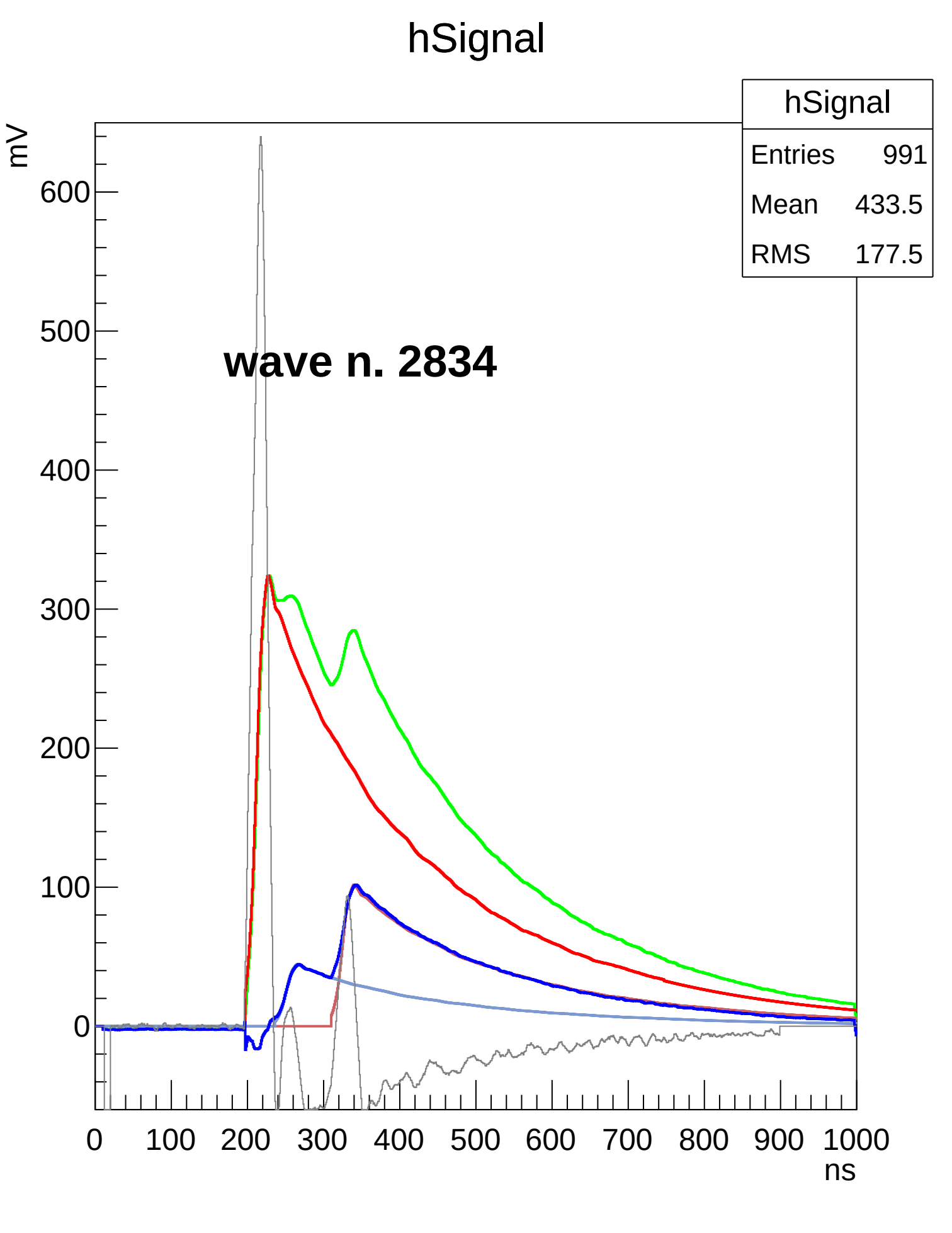
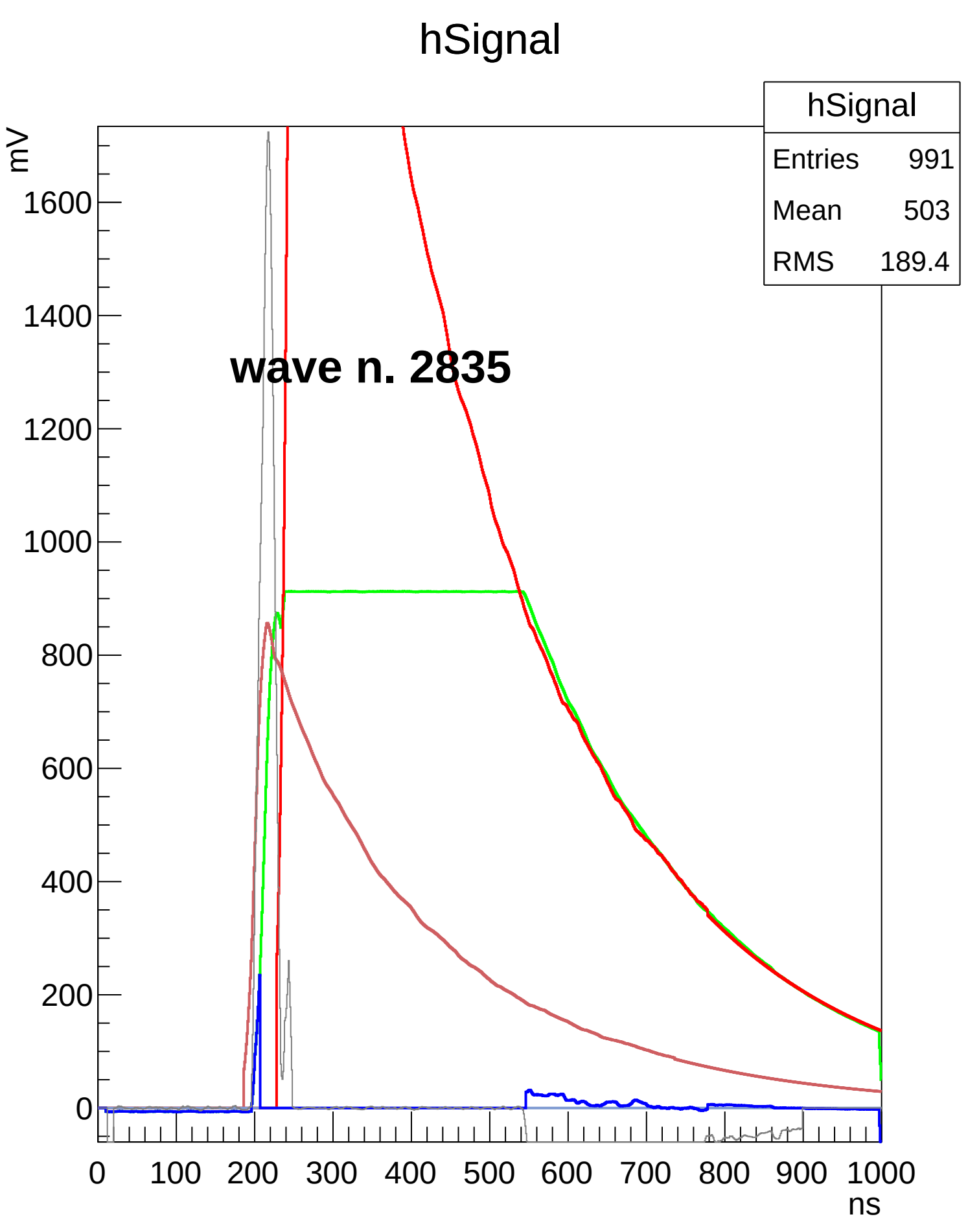
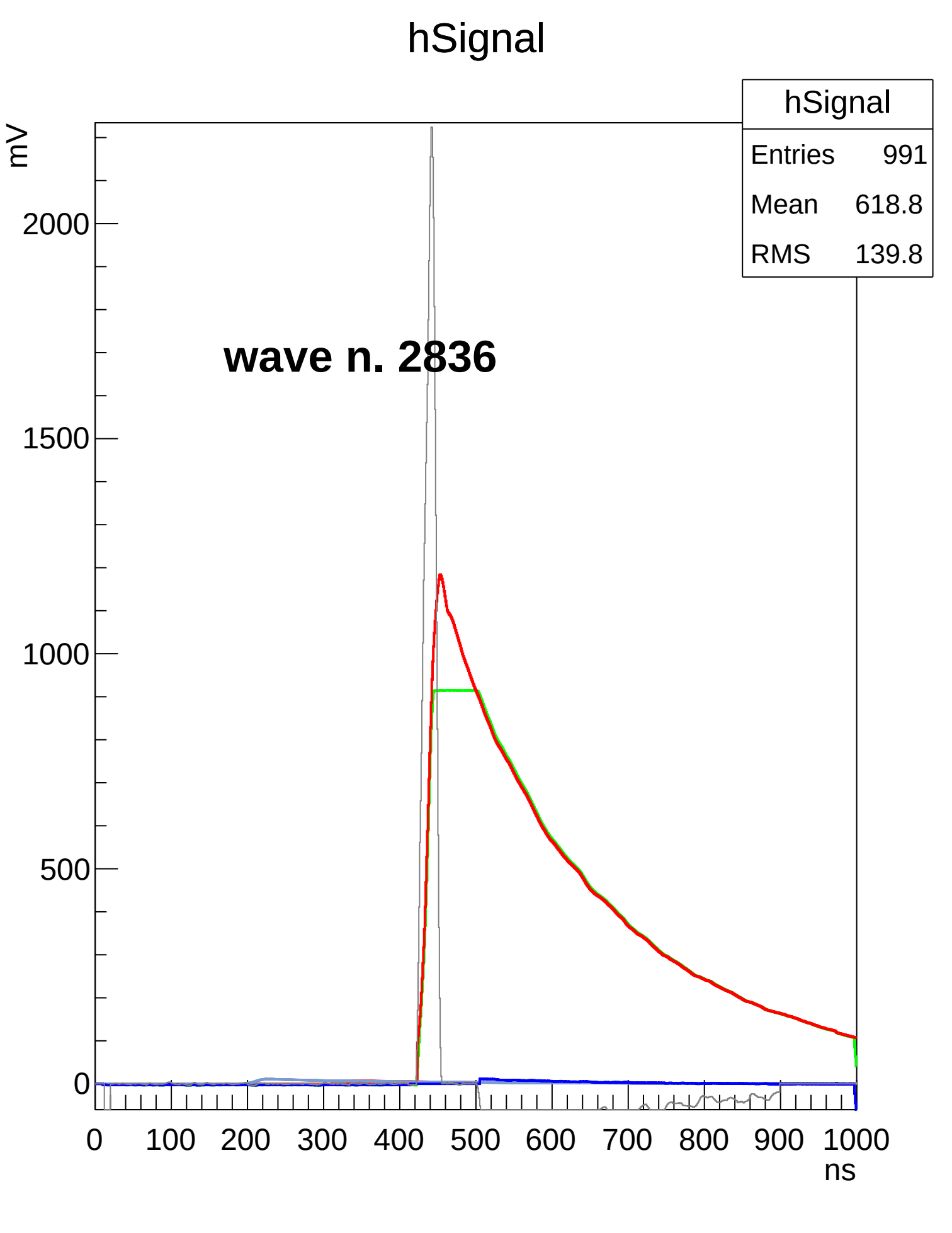
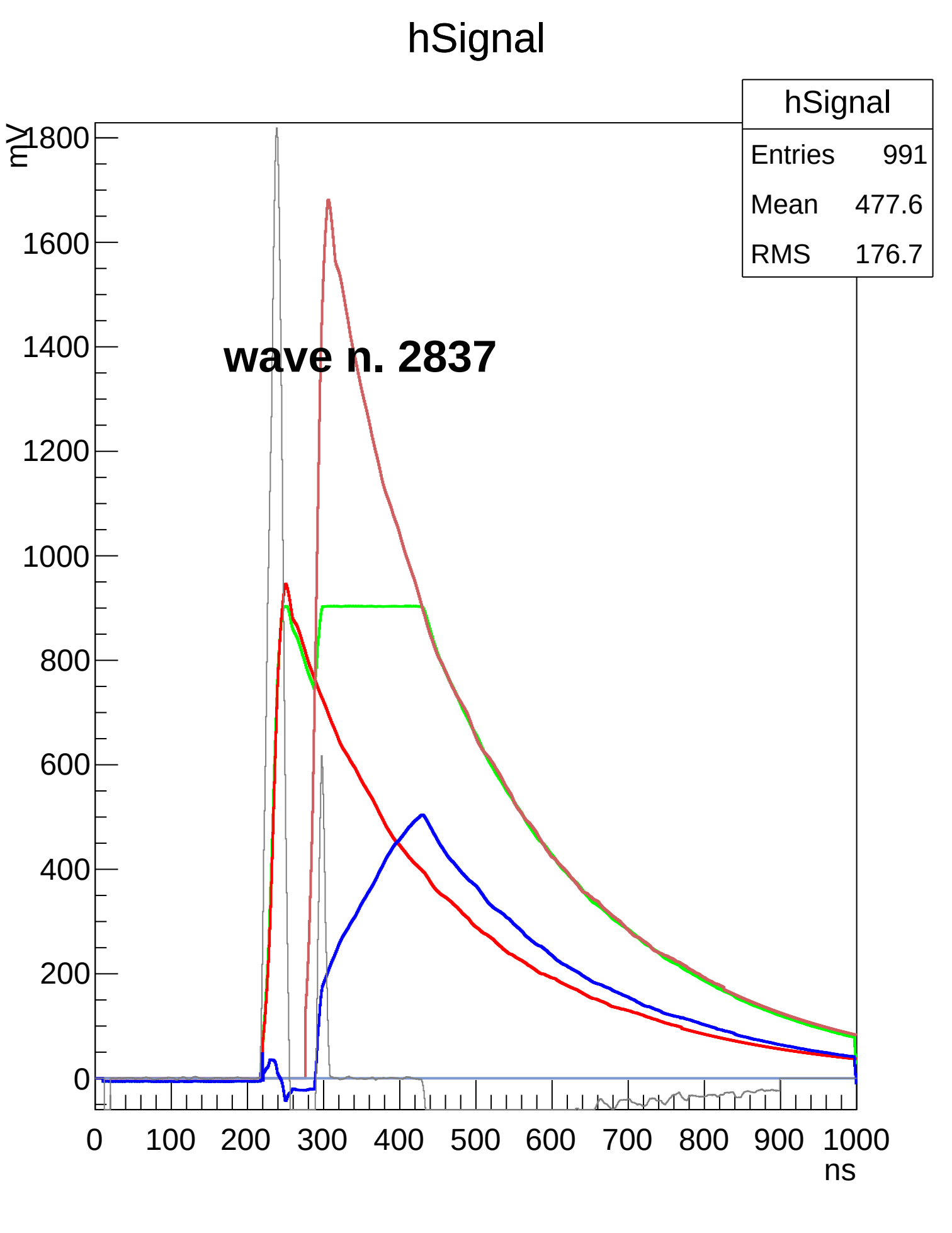
600
700
800
900
1000
ns

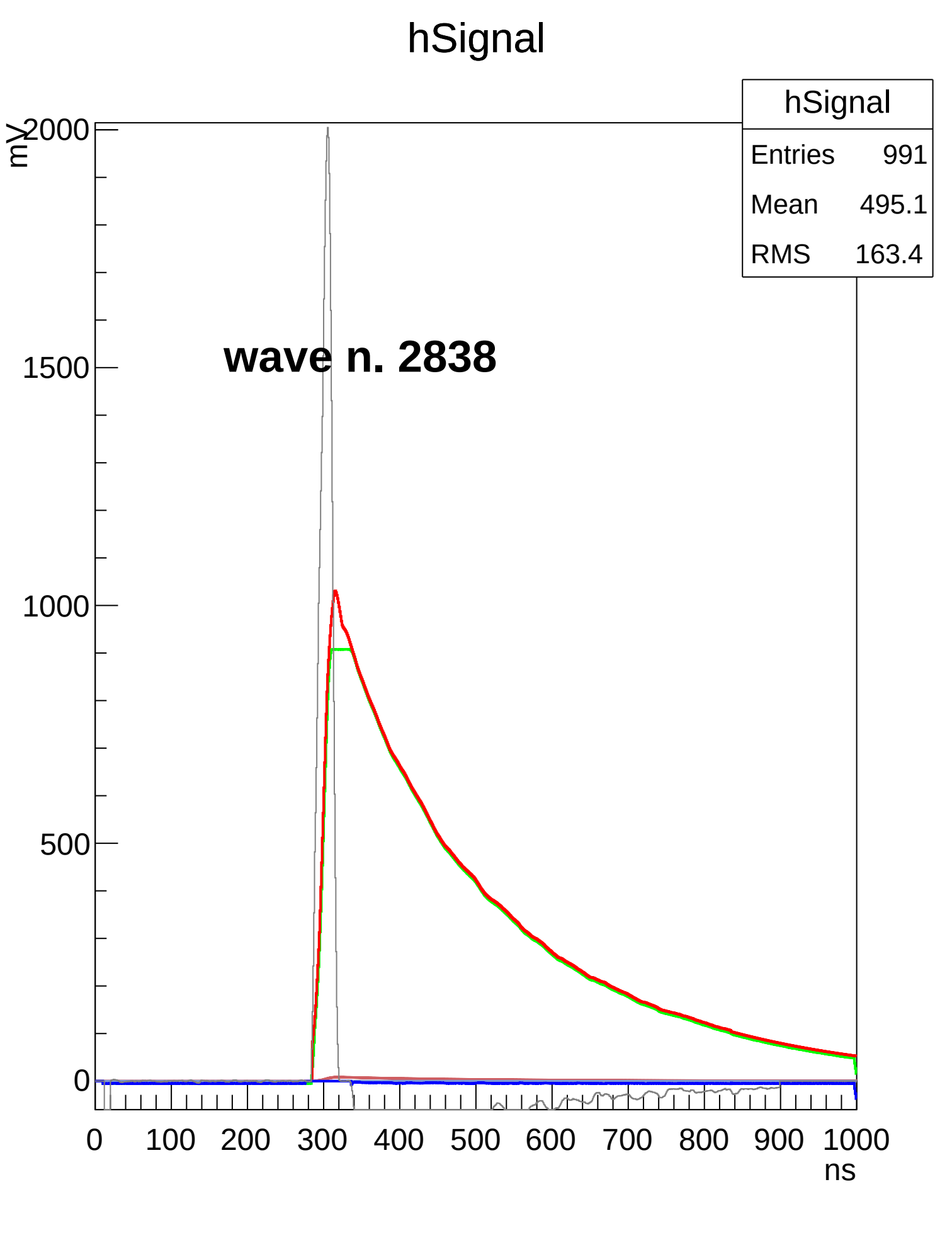

hSignal
hSignal
Entries 991
Mean 588.5
RMS 173.4
wave n. 2833
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

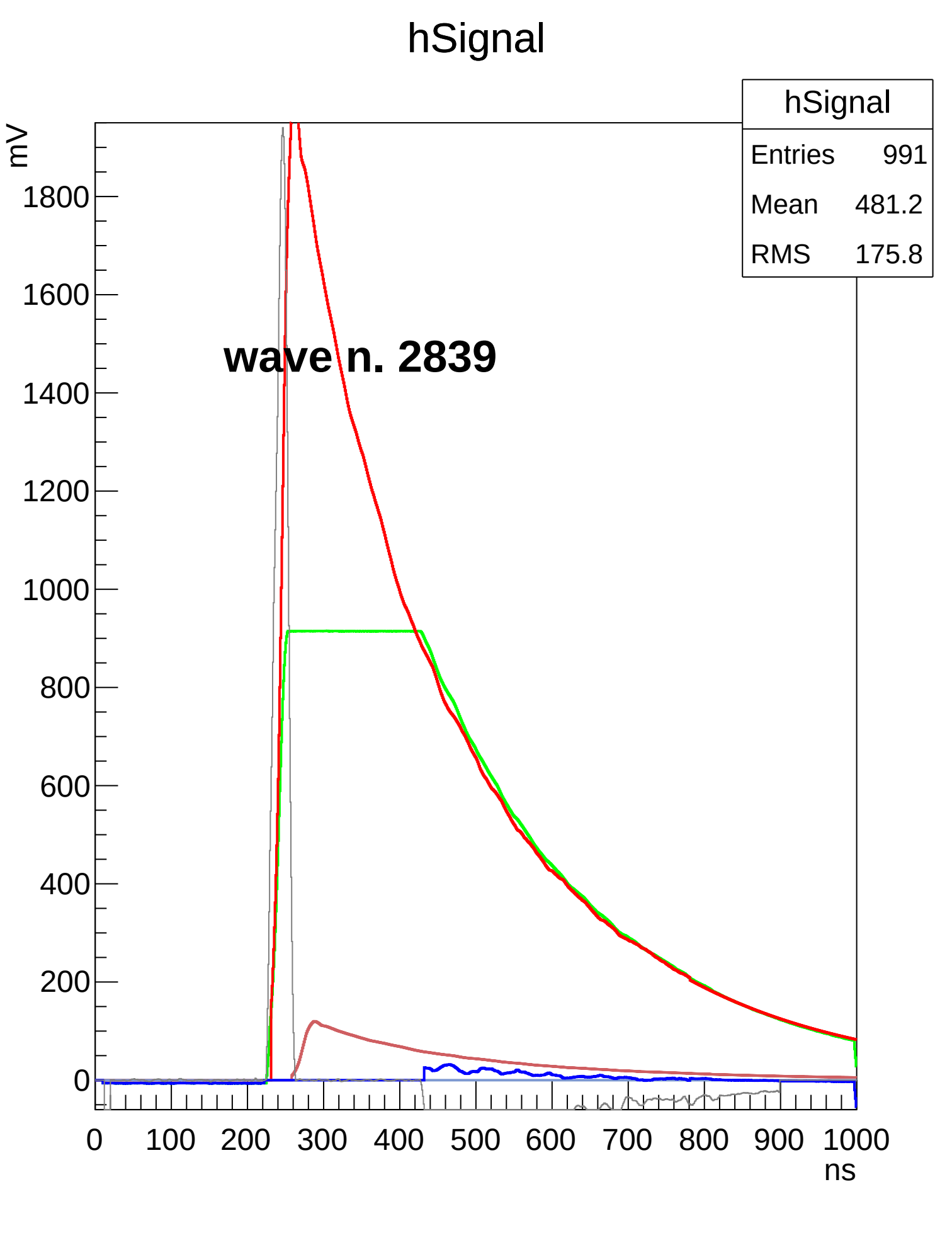

hSignal
hSignal
Entries 991
Mean 433.5
RMS 177.5
wave n. 2834
mV
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503
RMS 189.4
wave n. 2835
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 618.8
RMS 139.8
wave n. 2836
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 477.6
RMS 176.7
wave n. 2837
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 495.1
RMS 163.4
wave n. 2838
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 481.2
RMS 175.8
wave n. 2839
mV
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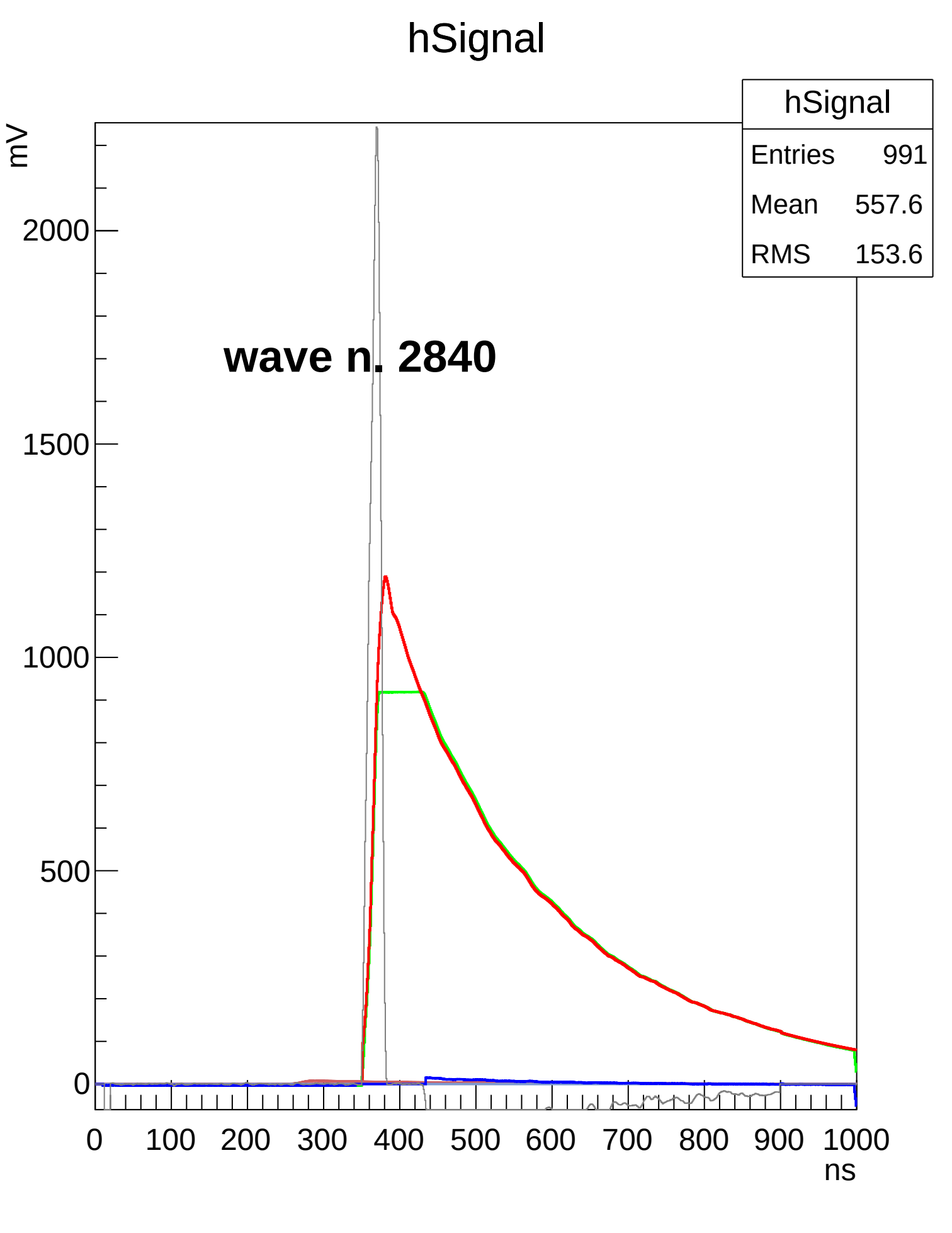
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 557.6
RMS 153.6
wave n. 2840
mV
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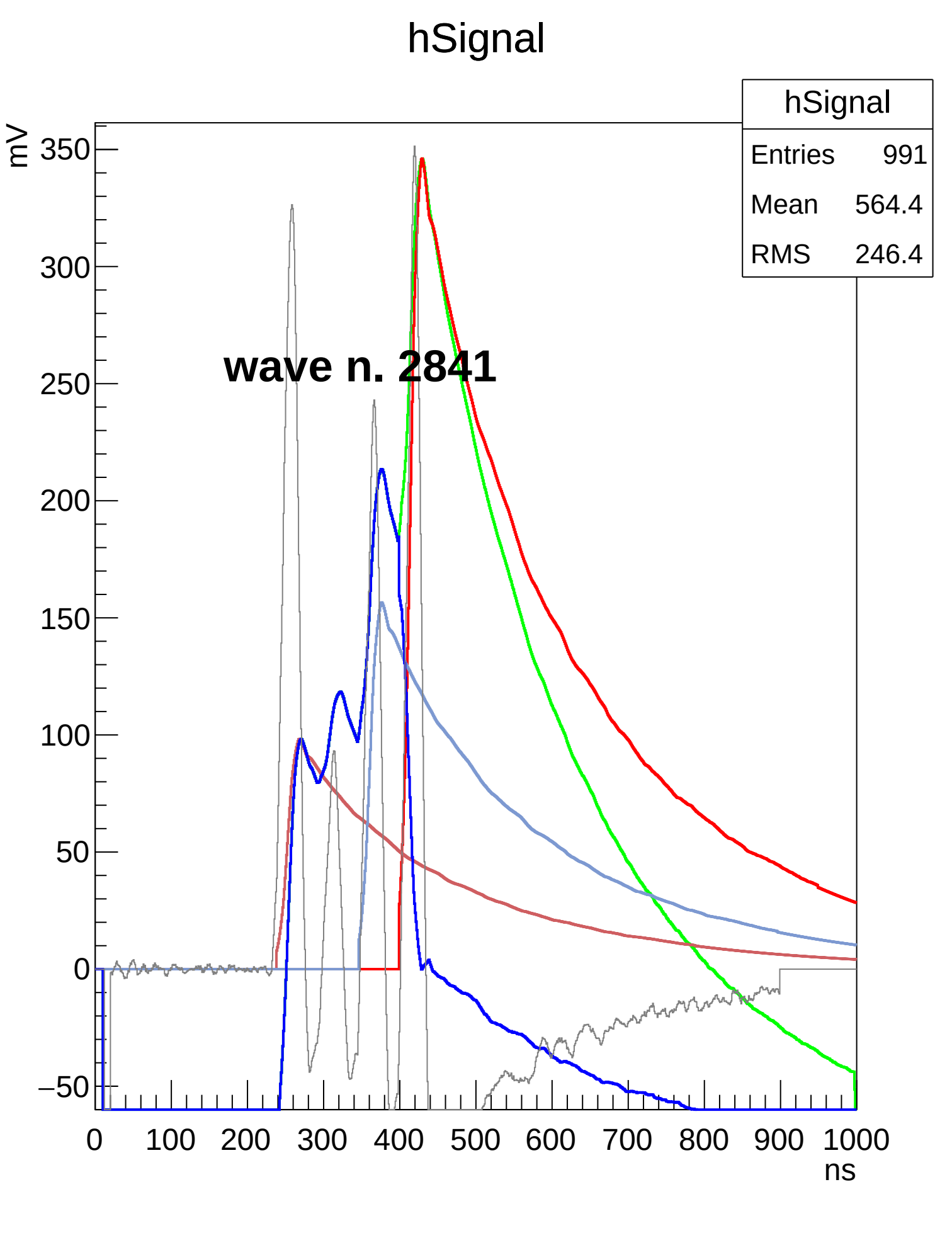
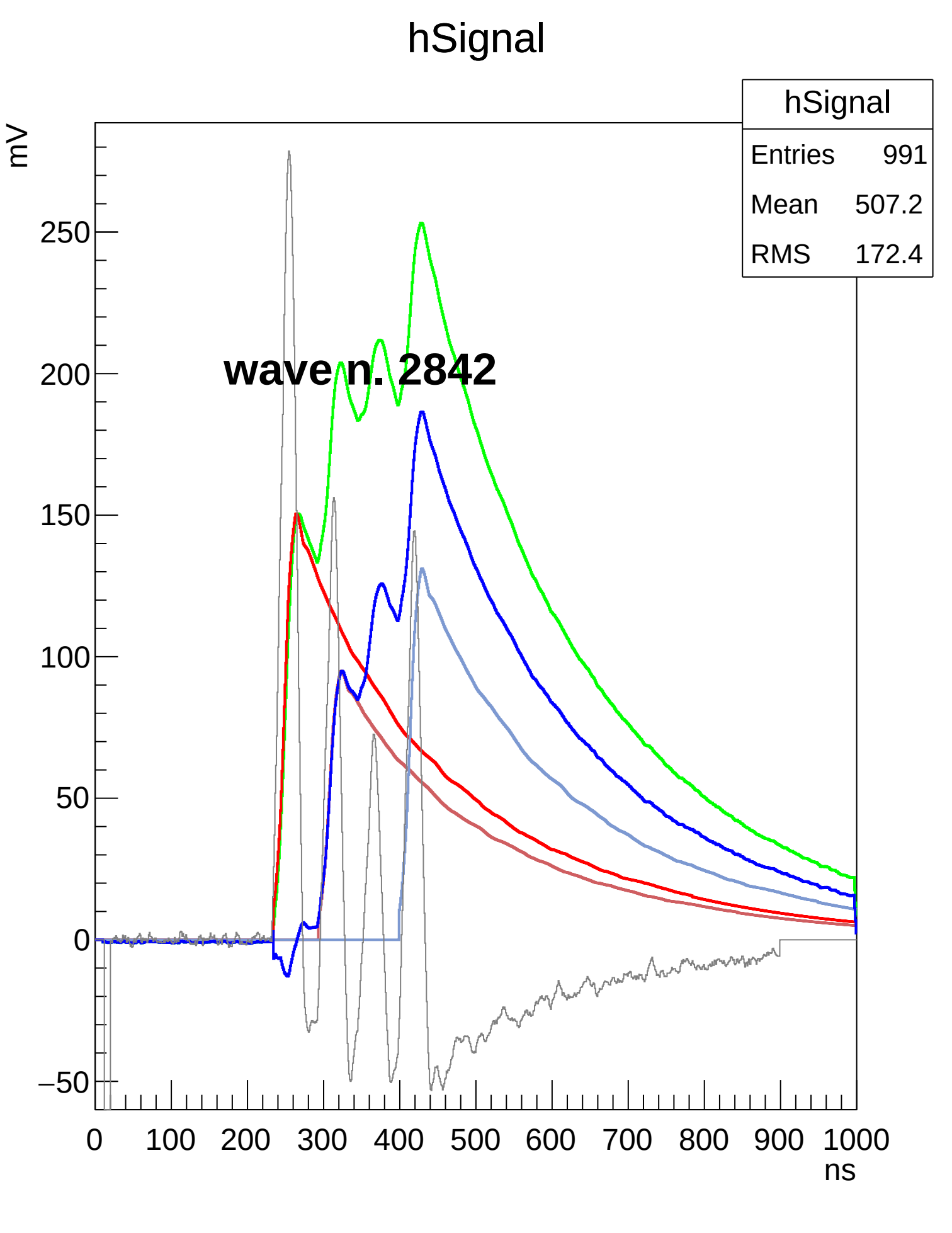
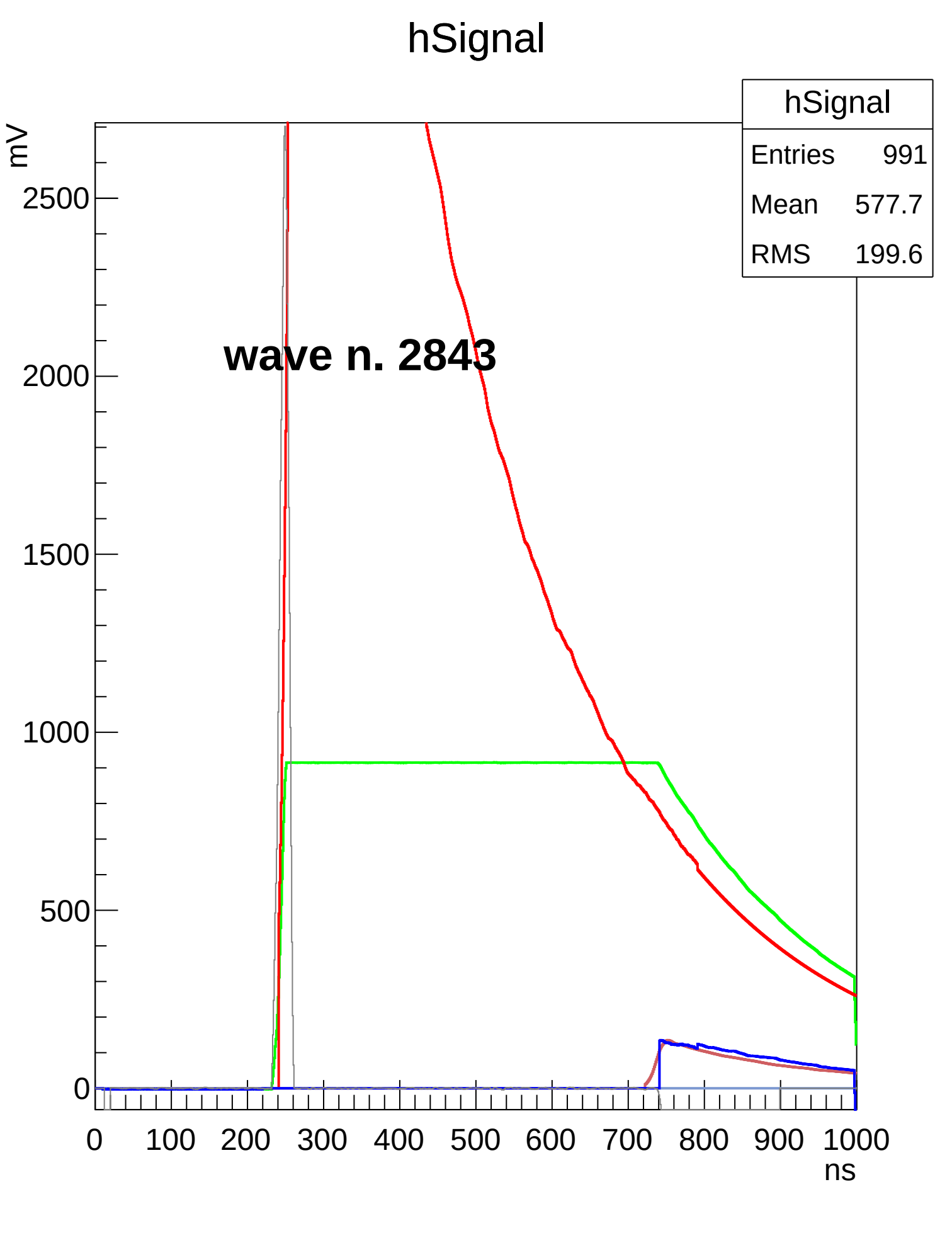
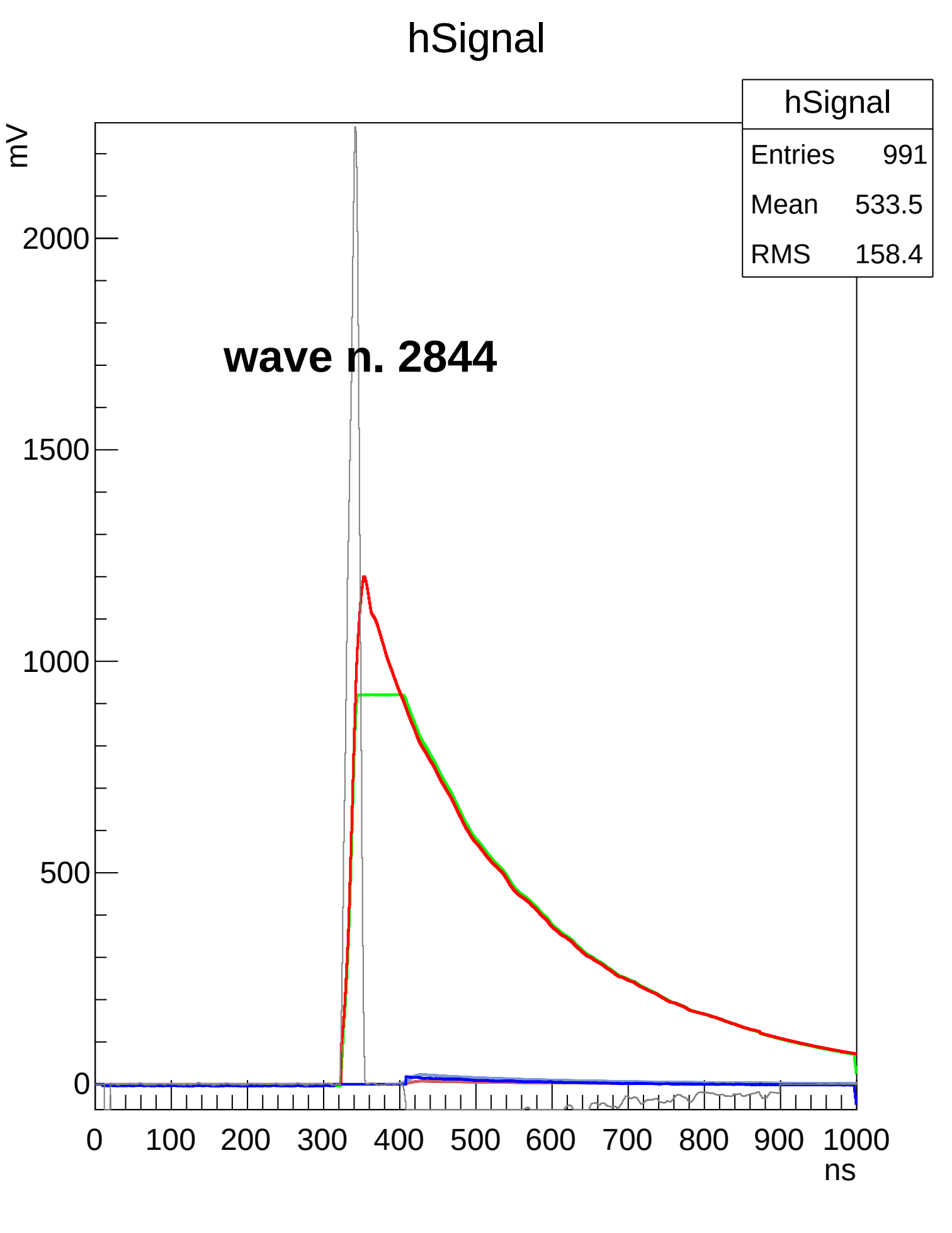
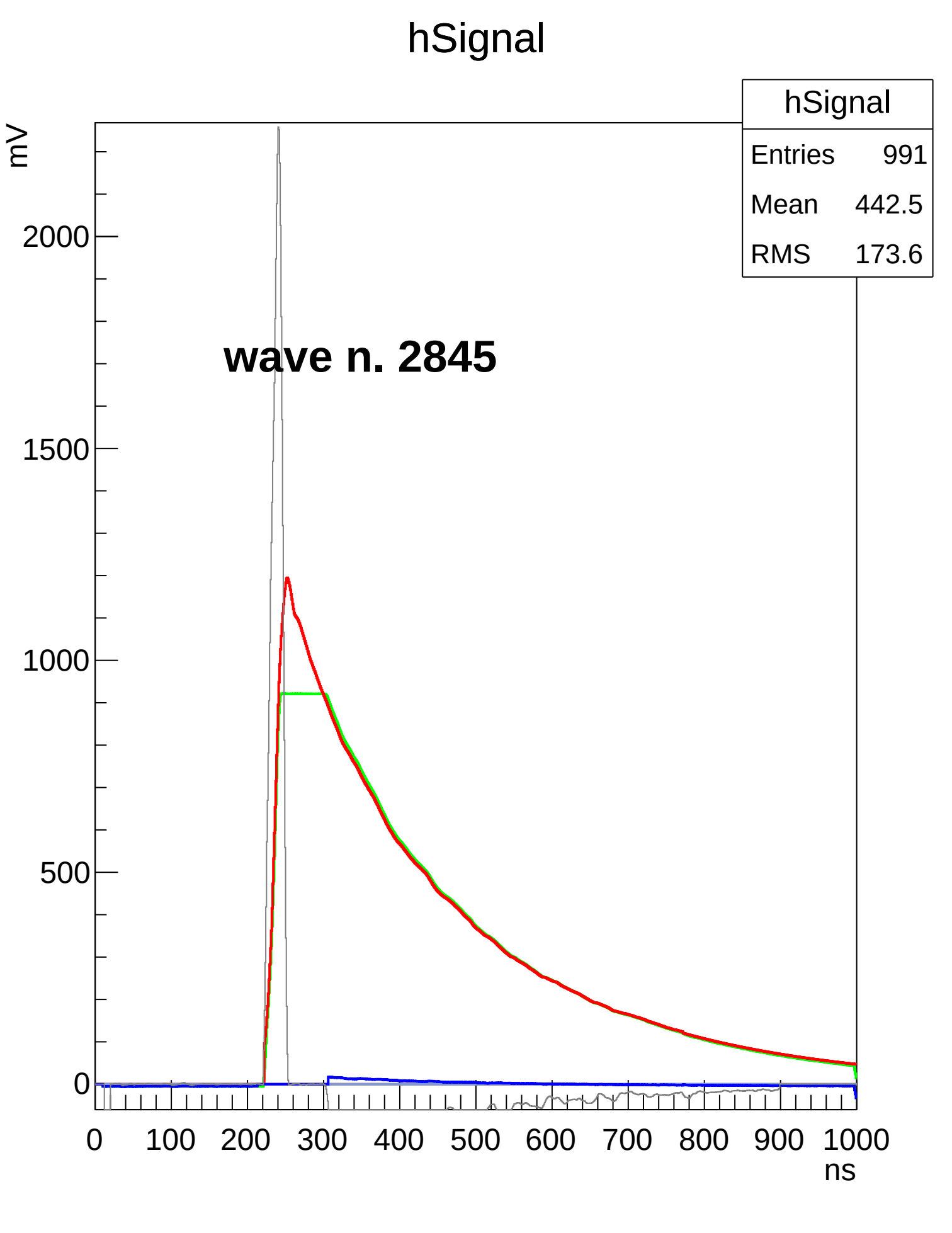
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

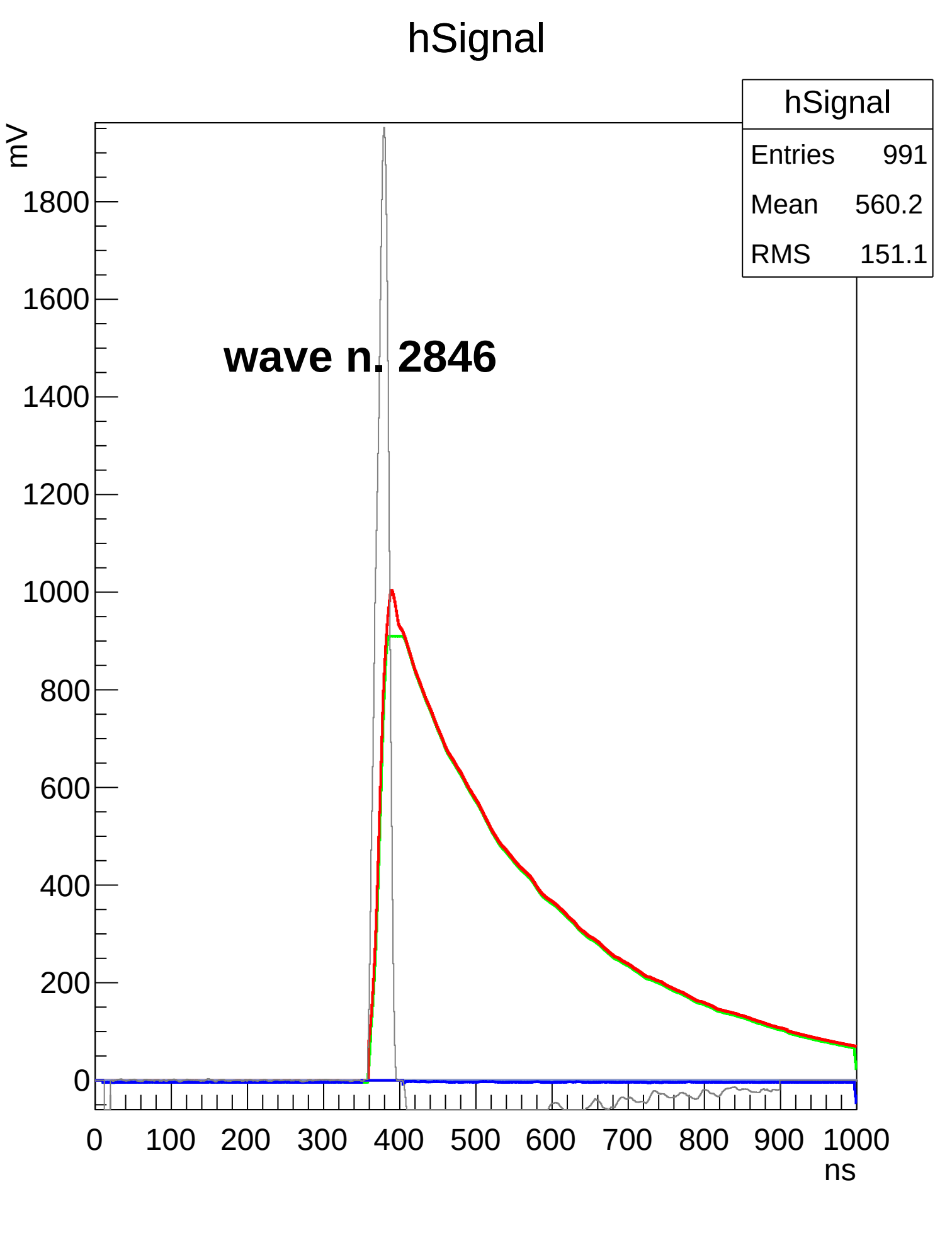

hSignal
hSignal
Entries 991
Mean 564.4
RMS 246.4
wave n. 2841
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

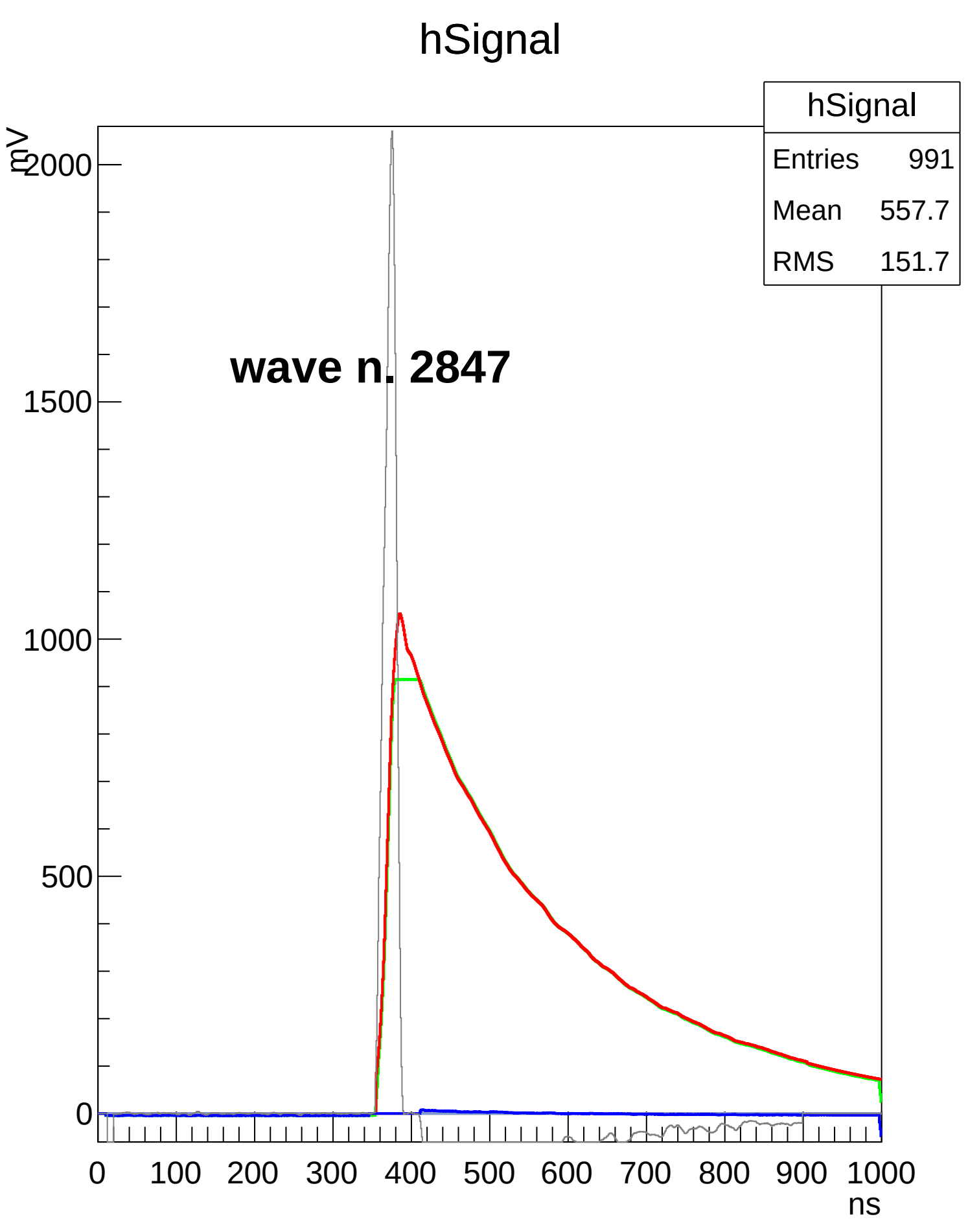

hSignal
hSignal
Entries 991
Mean 507.2
RMS 172.4
wave n. 2842
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

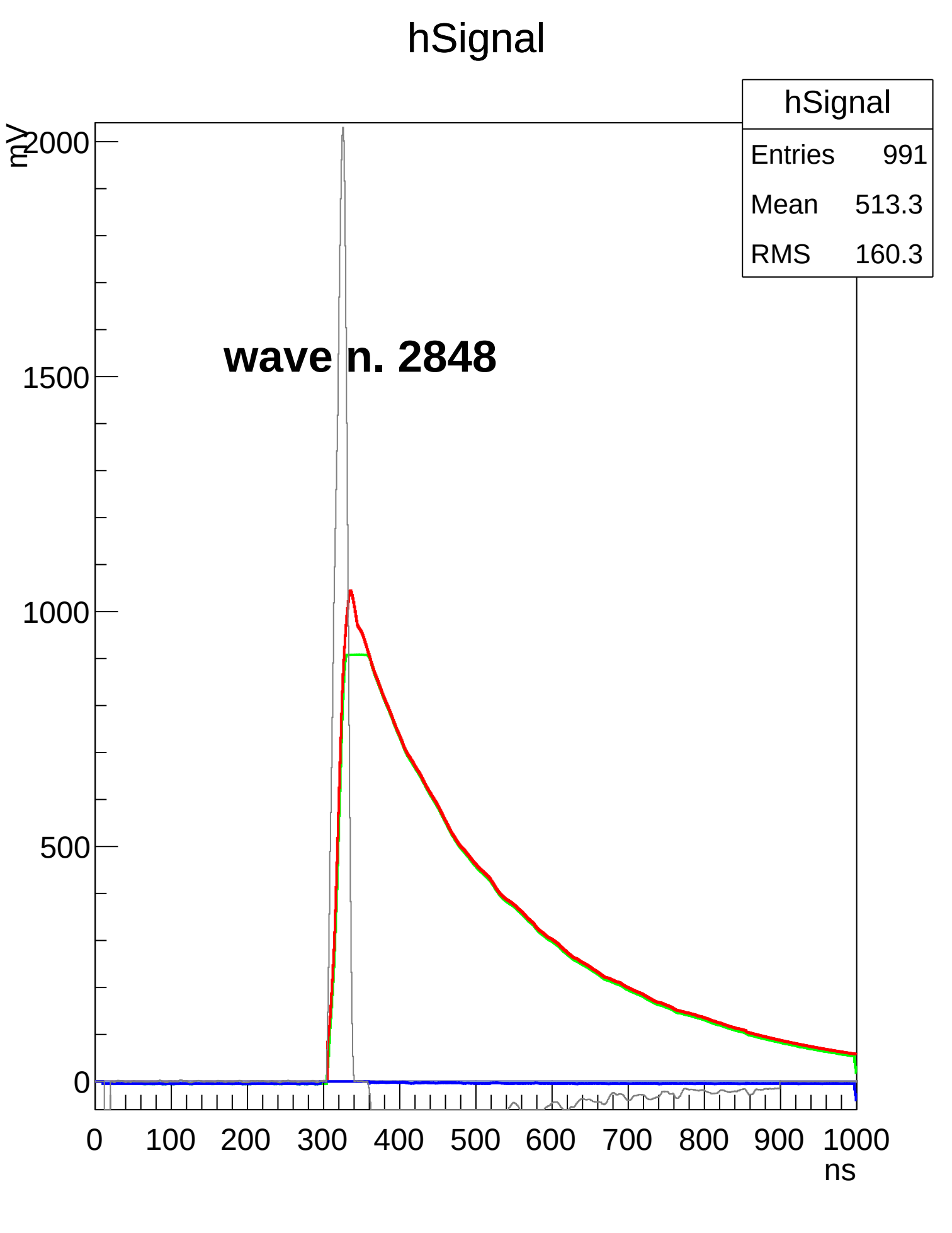

hSignal
hSignal
Entries 991
Mean 577.7
RMS 199.6
wave n. 2843
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 533.5
RMS 158.4
wave n. 2844
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 442.5
RMS 173.6
wave n. 2845
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.2
RMS 151.1
wave n. 2846
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 557.7
RMS 151.7
wave n. 2847
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 513.3
RMS 160.3
wave n. 2848
mV
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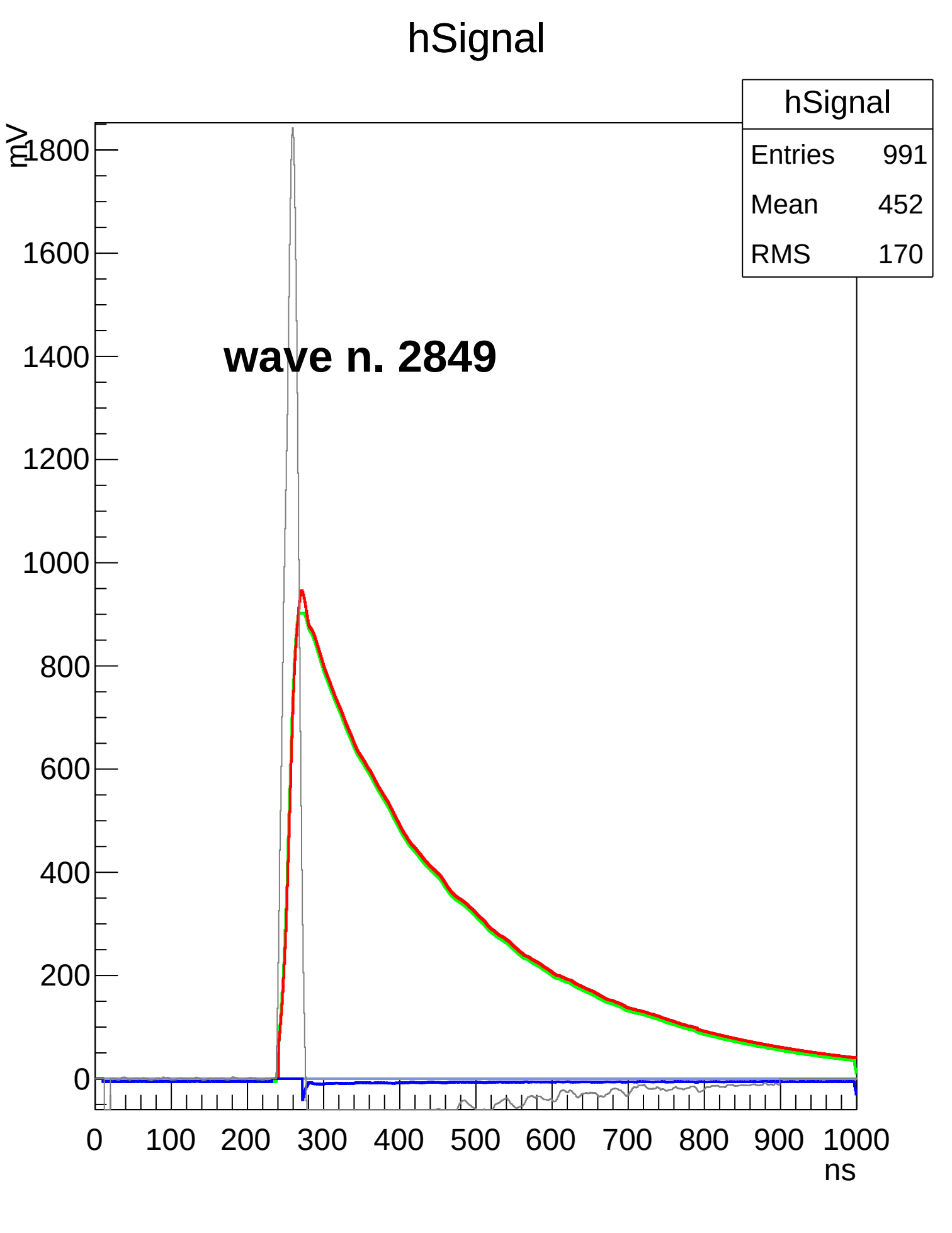
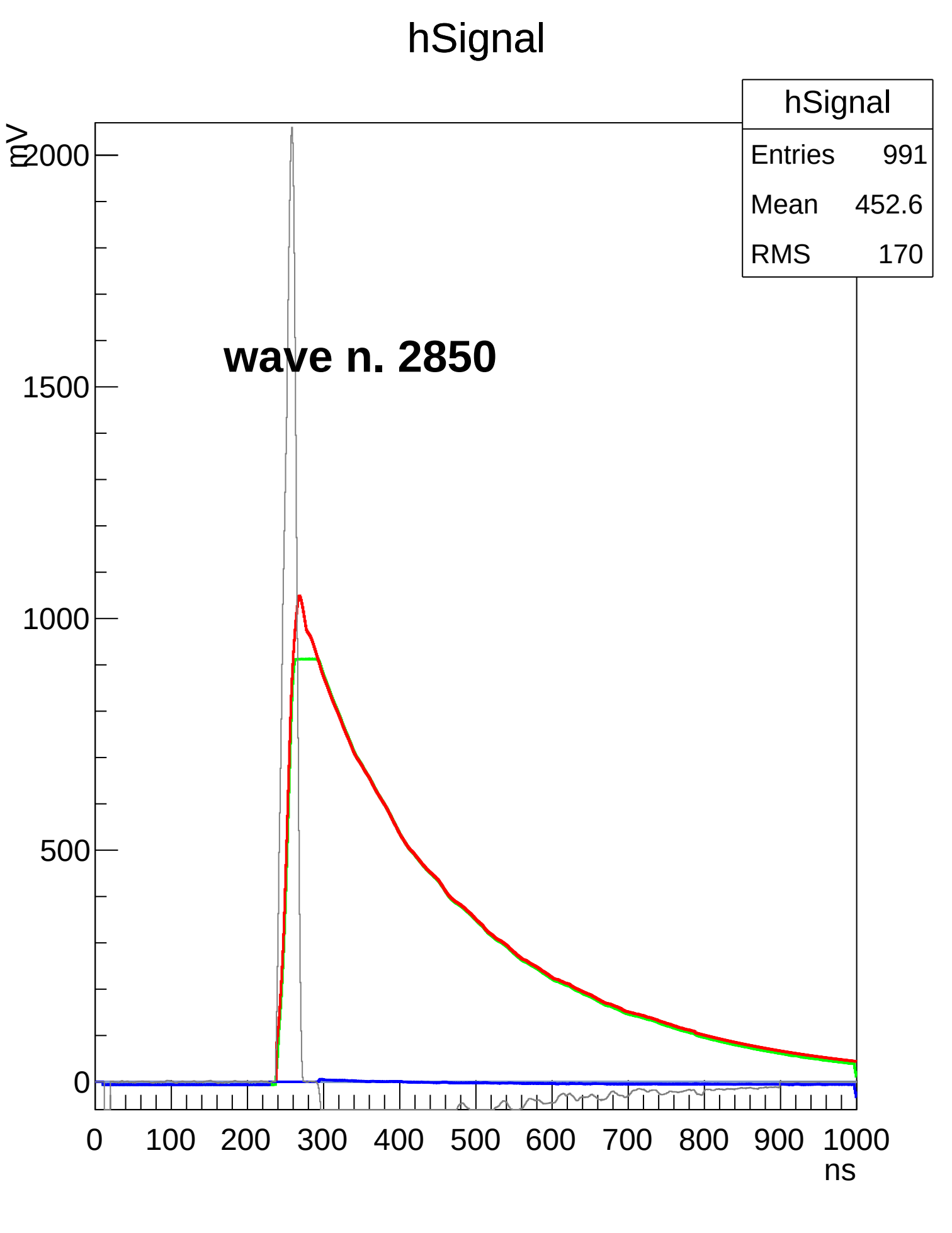
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 452
RMS 170
wave n. 2849
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 452.6
RMS 170
wave n. 2850
mV
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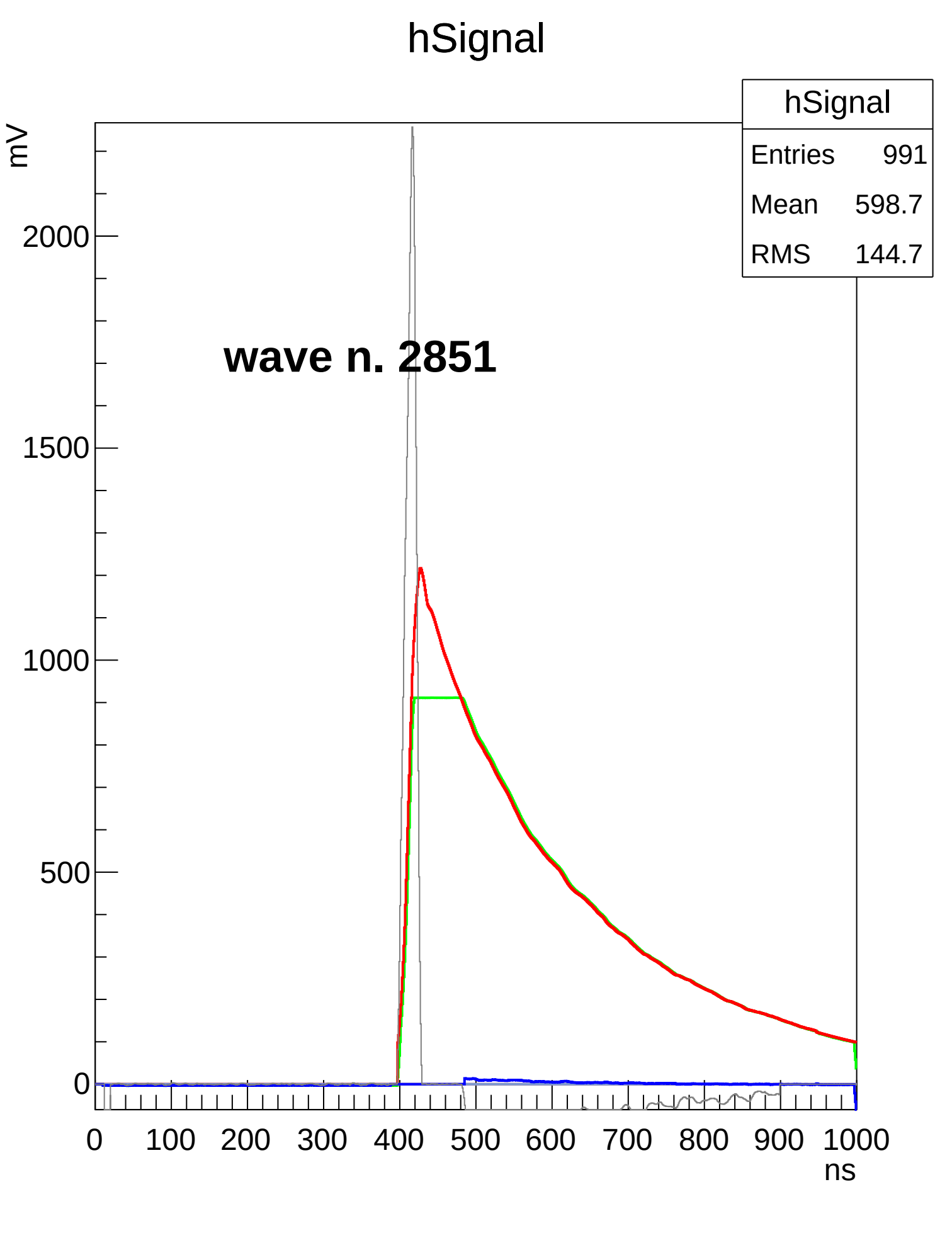
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 598.7
RMS 144.7
wave n. 2851
mV
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1500
1000
500
0
0
100
200
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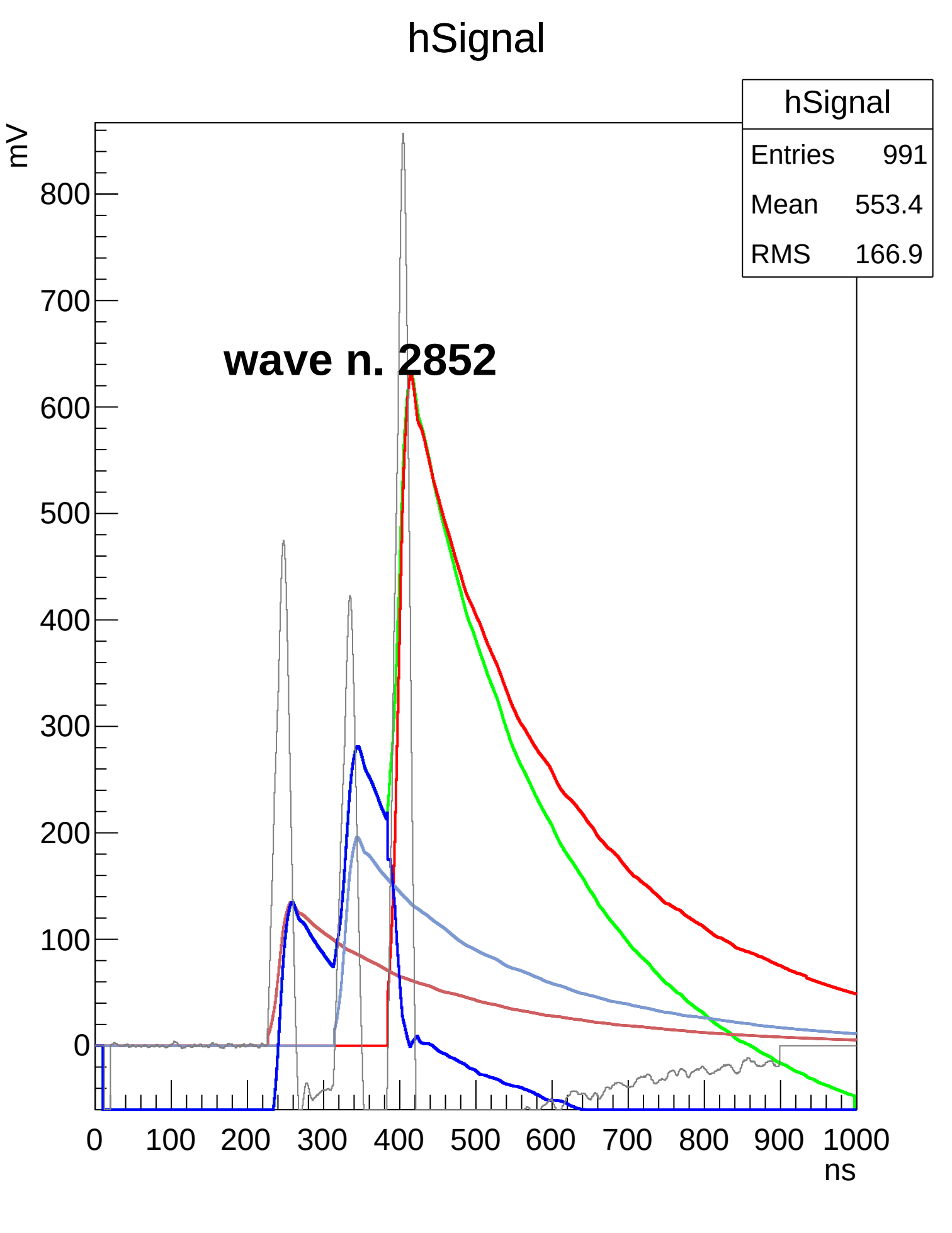
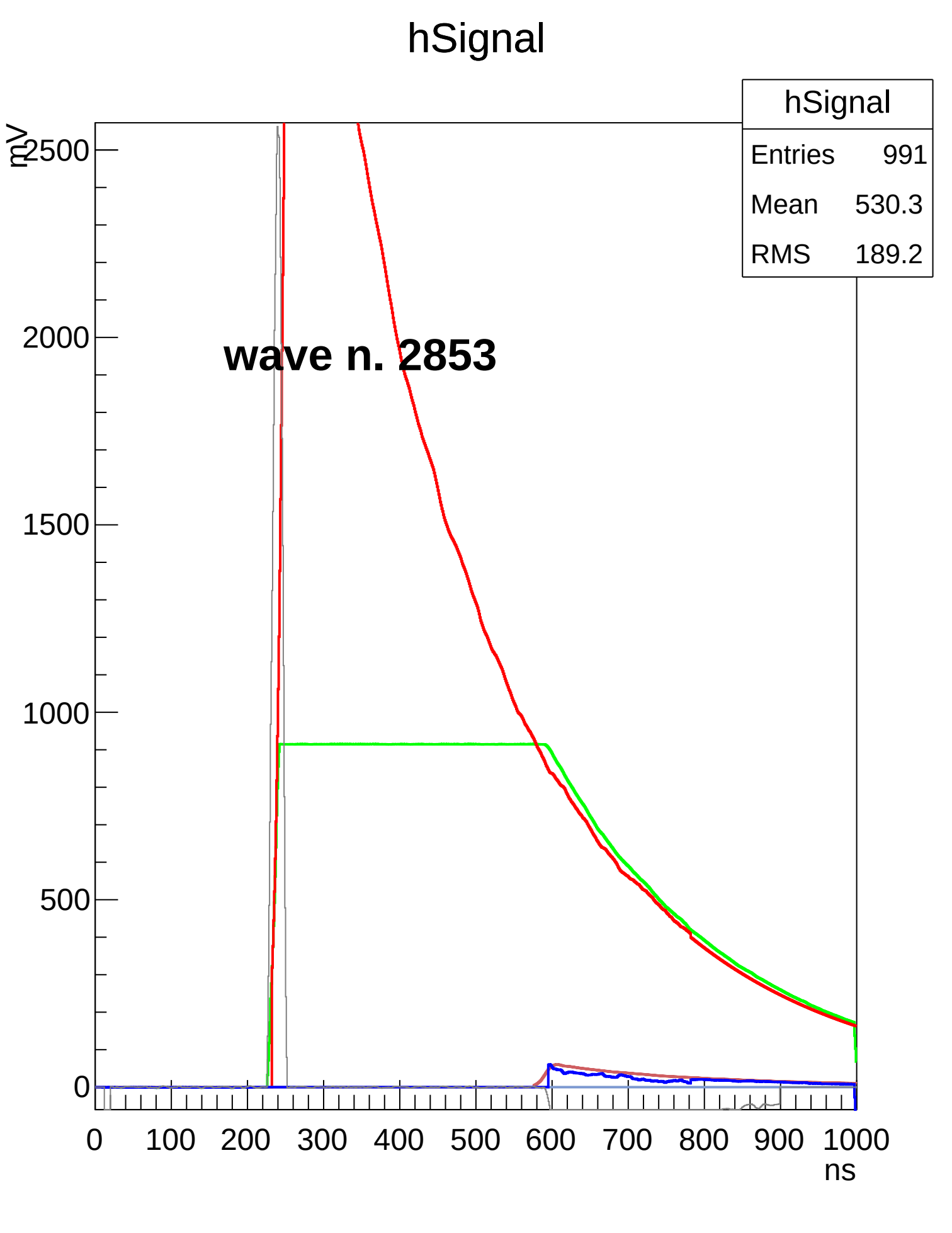
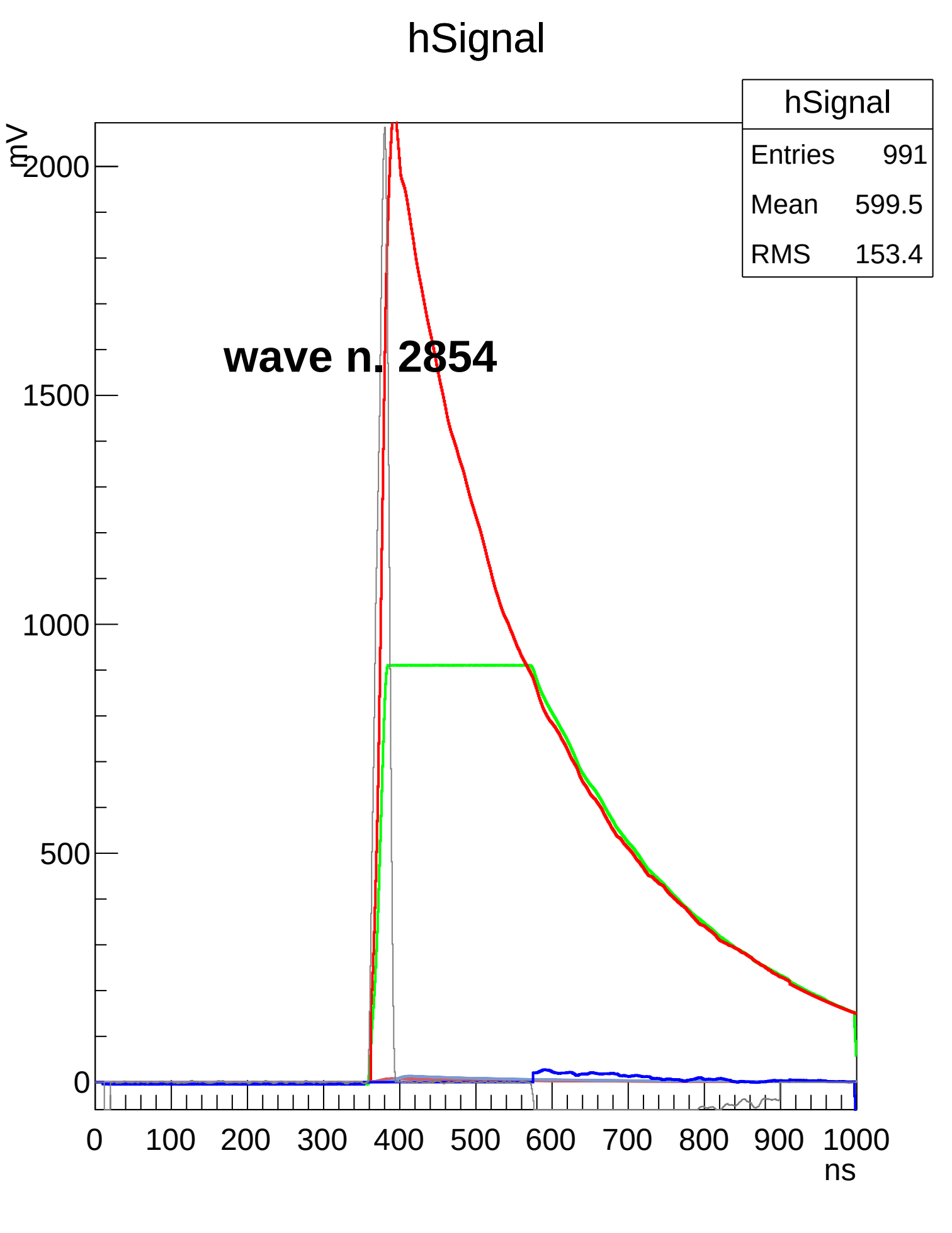
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.4
RMS 166.9
wave n. 2852
mV
800
700
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.3
RMS 189.2
wave n. 2853
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 599.5
RMS 153.4
wave n. 2854
mV
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1500
1000
500
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0
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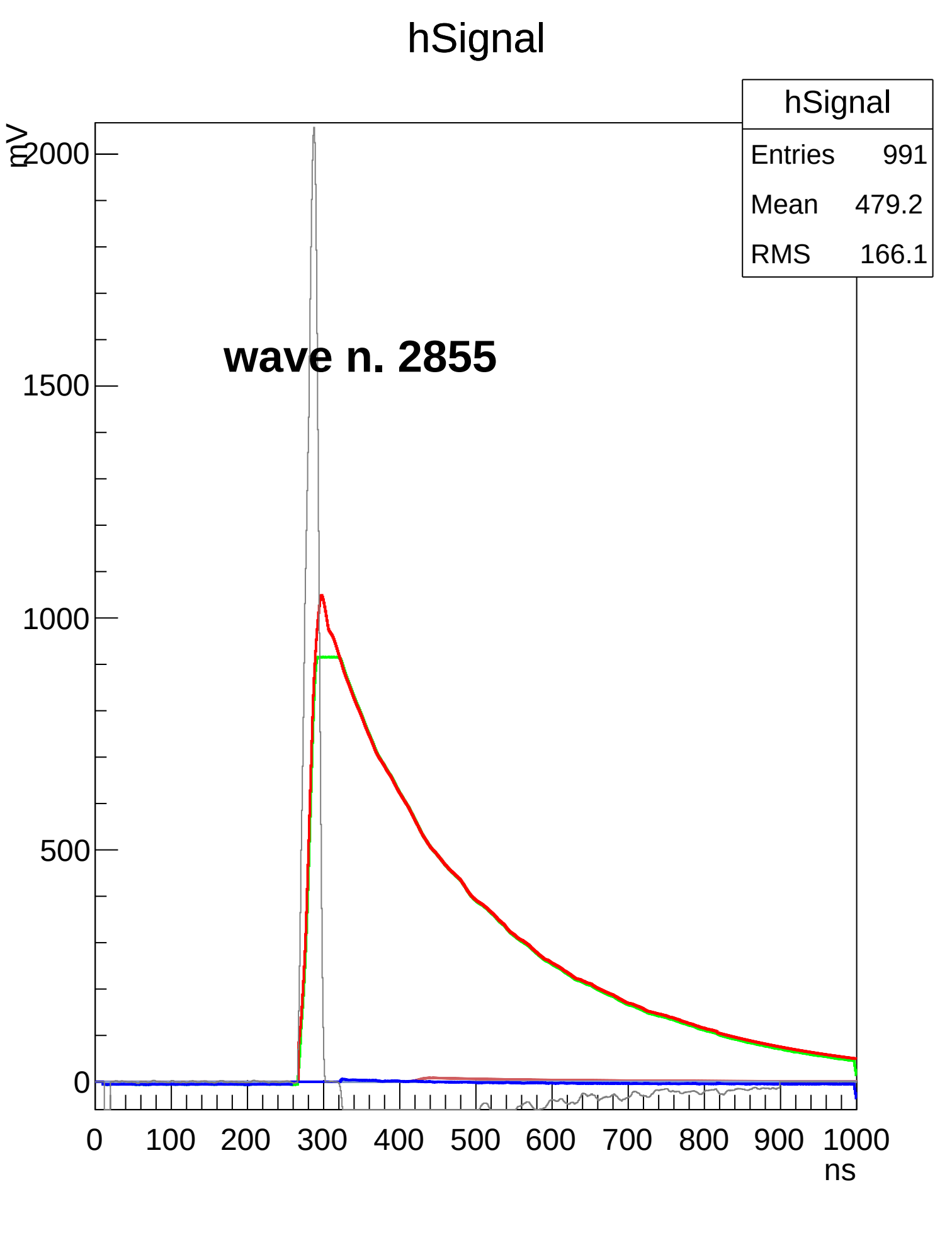
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 479.2
RMS 166.1
wave n. 2855
mV
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1500
1000
500
0
0
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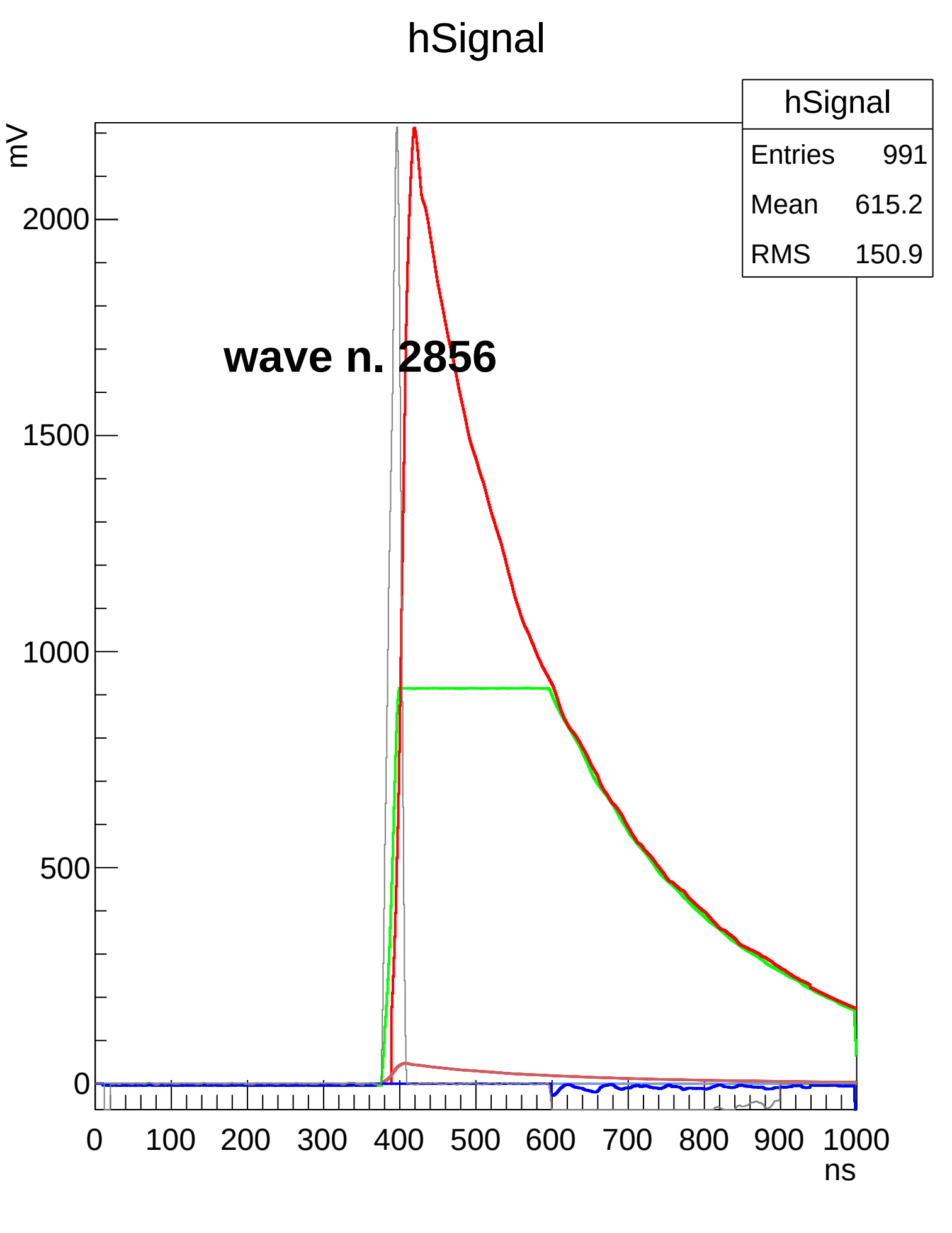
400
500
600
700
800
900
1000
ns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Entries 991
Mean 615.2
RMS 150.9
wave n. 2856
mV
2000
1500
1000
500
0
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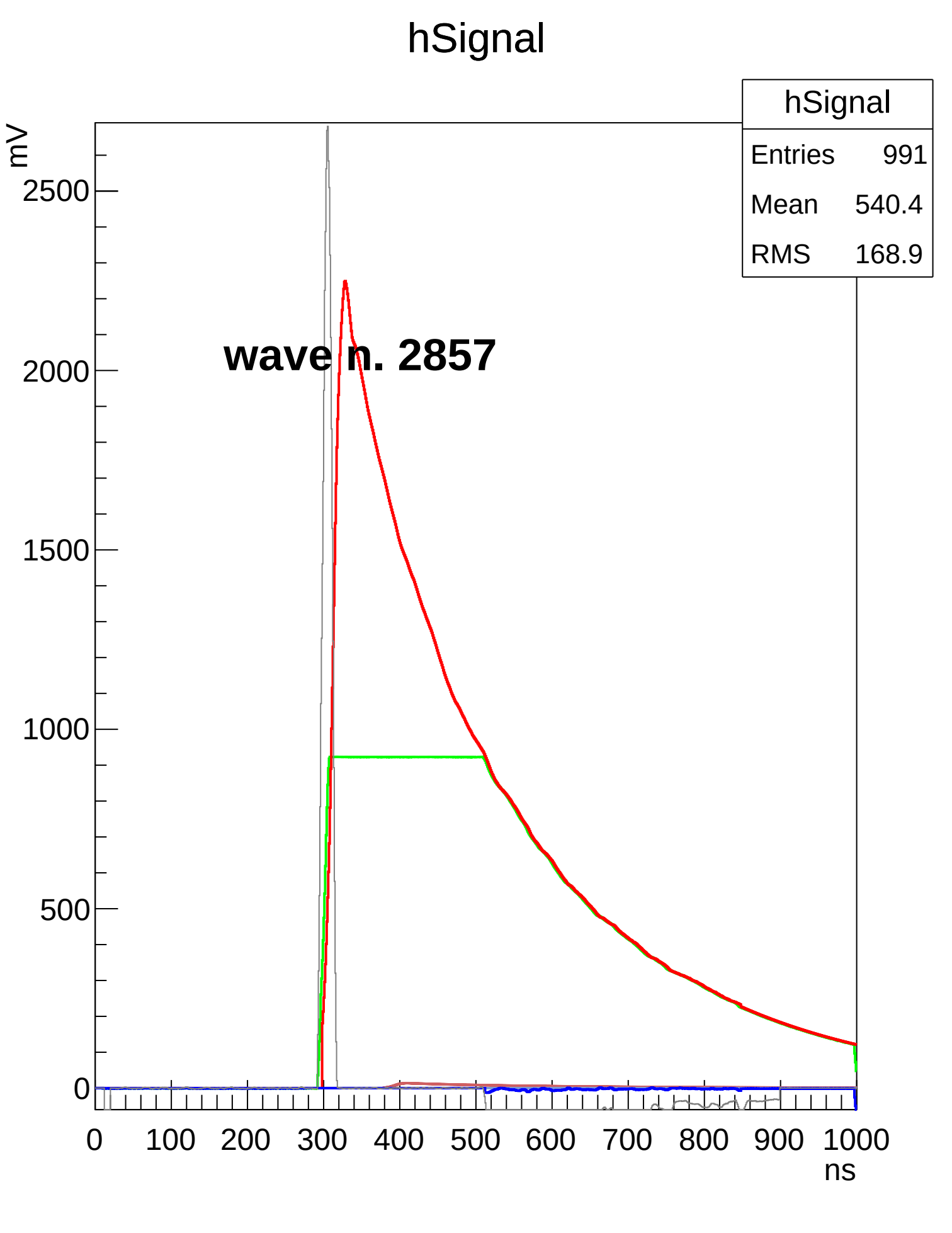
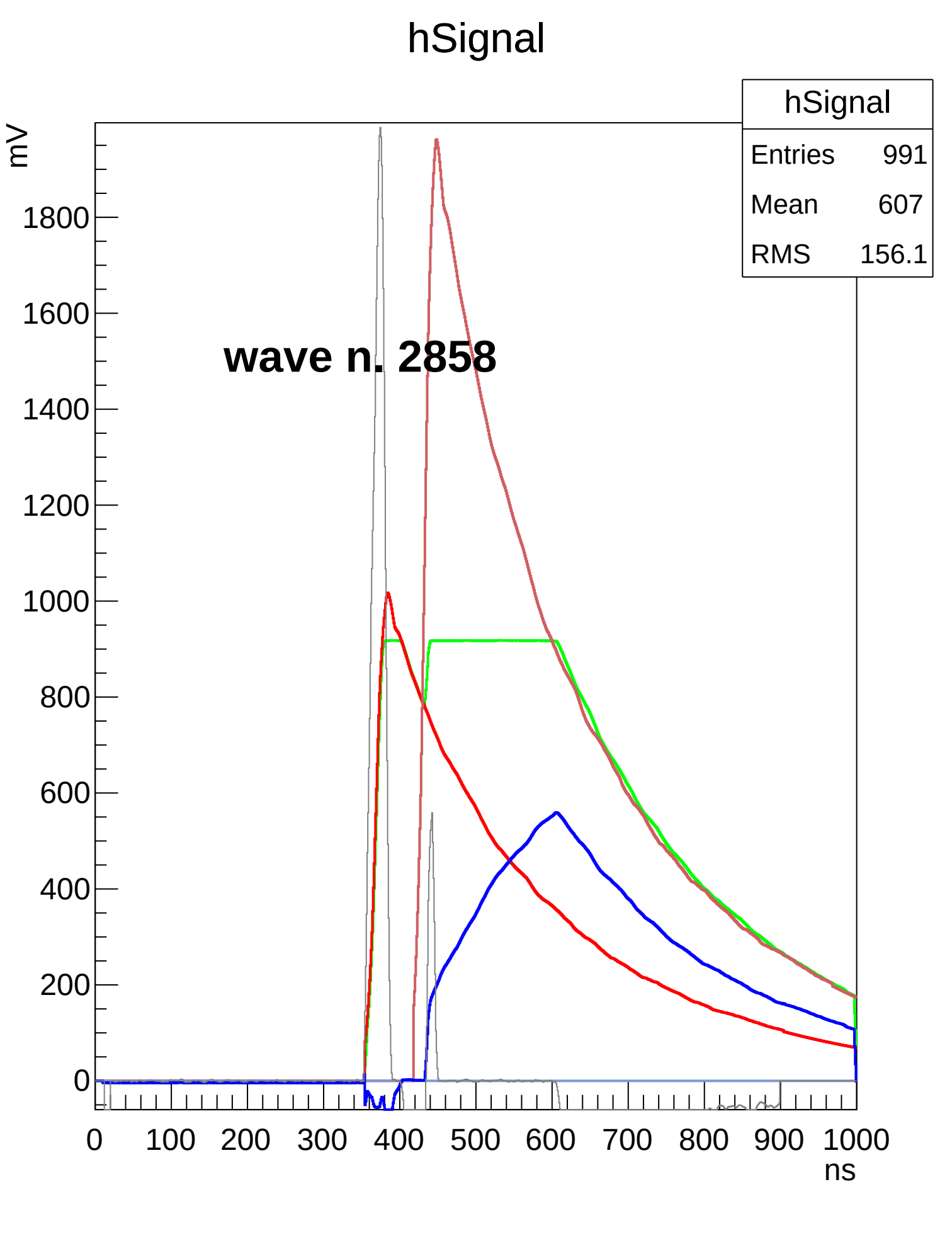
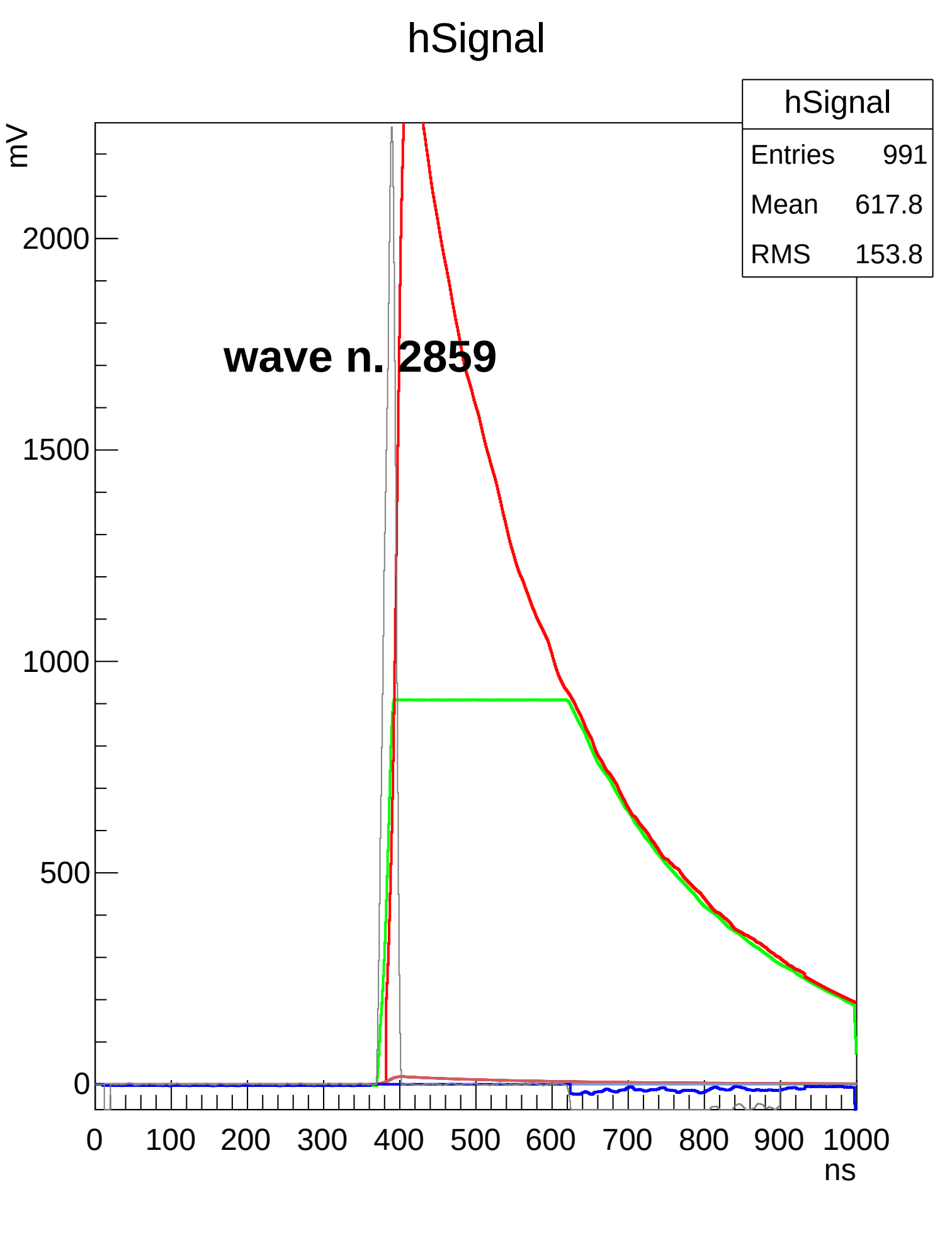
ns


hSignal
hSignal
Entries 991
Mean 540.4
RMS 168.9
wave n. 2857
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 607
RMS 156.1
wave n. 2858
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 617.8
RMS 153.8
wave n. 2859
mV
2000
1500
1000
500
0
0
100
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400
500
600
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800
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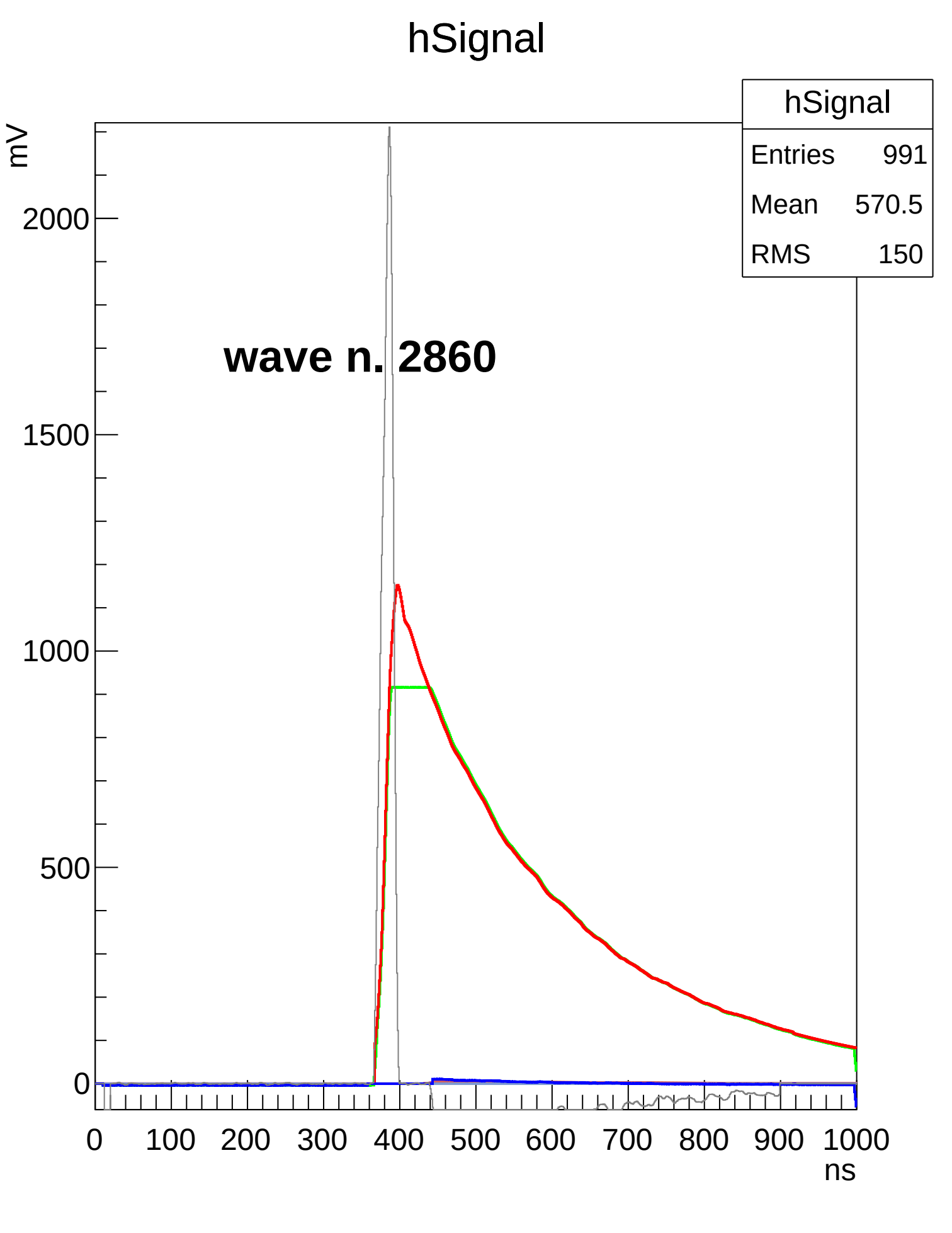
1000
ns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hSignal
Entries 991
Mean 570.5
RMS 150
wave n. 2860
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1000
500
0
0
100
200
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400
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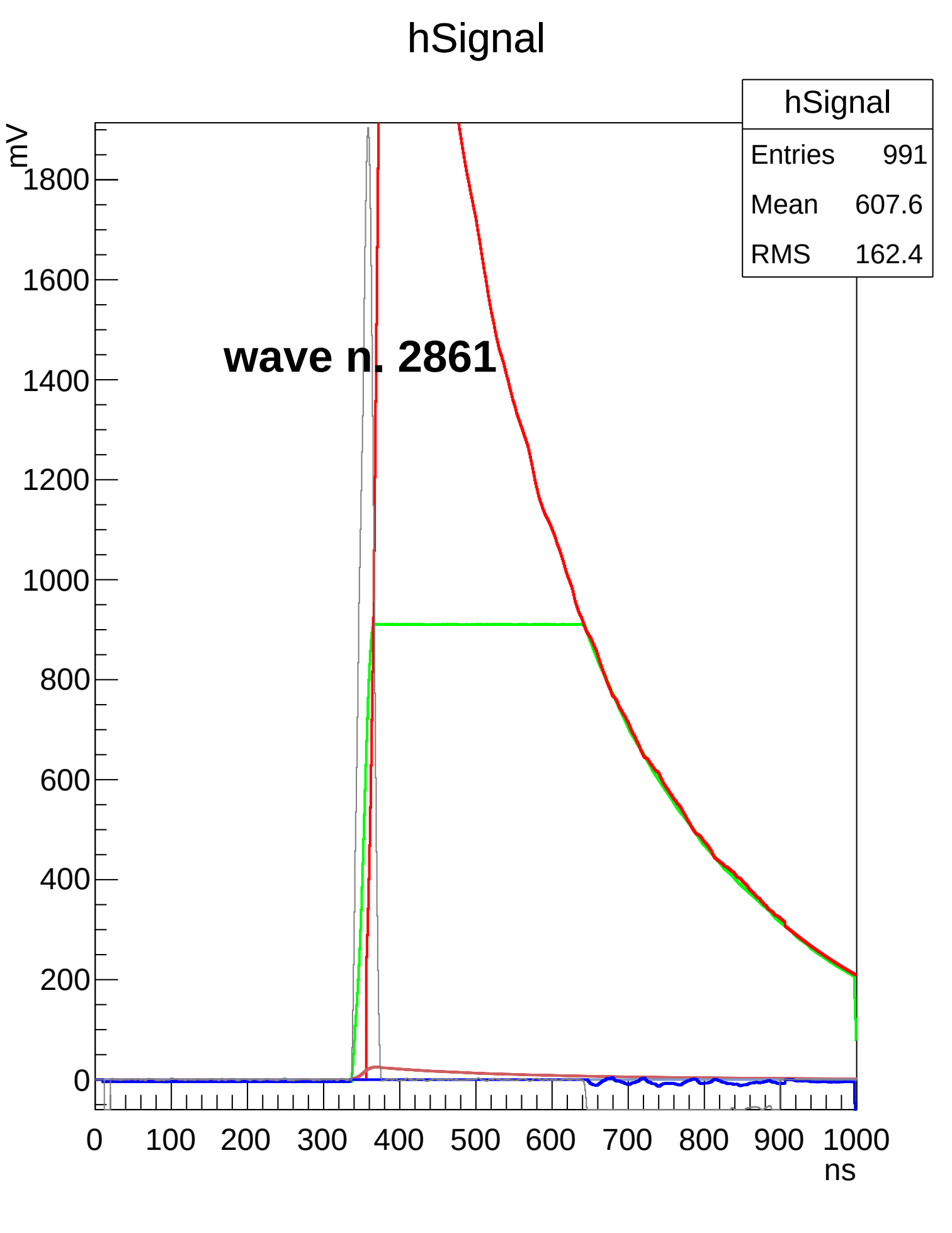
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 607.6
RMS 162.4
wave n. 2861
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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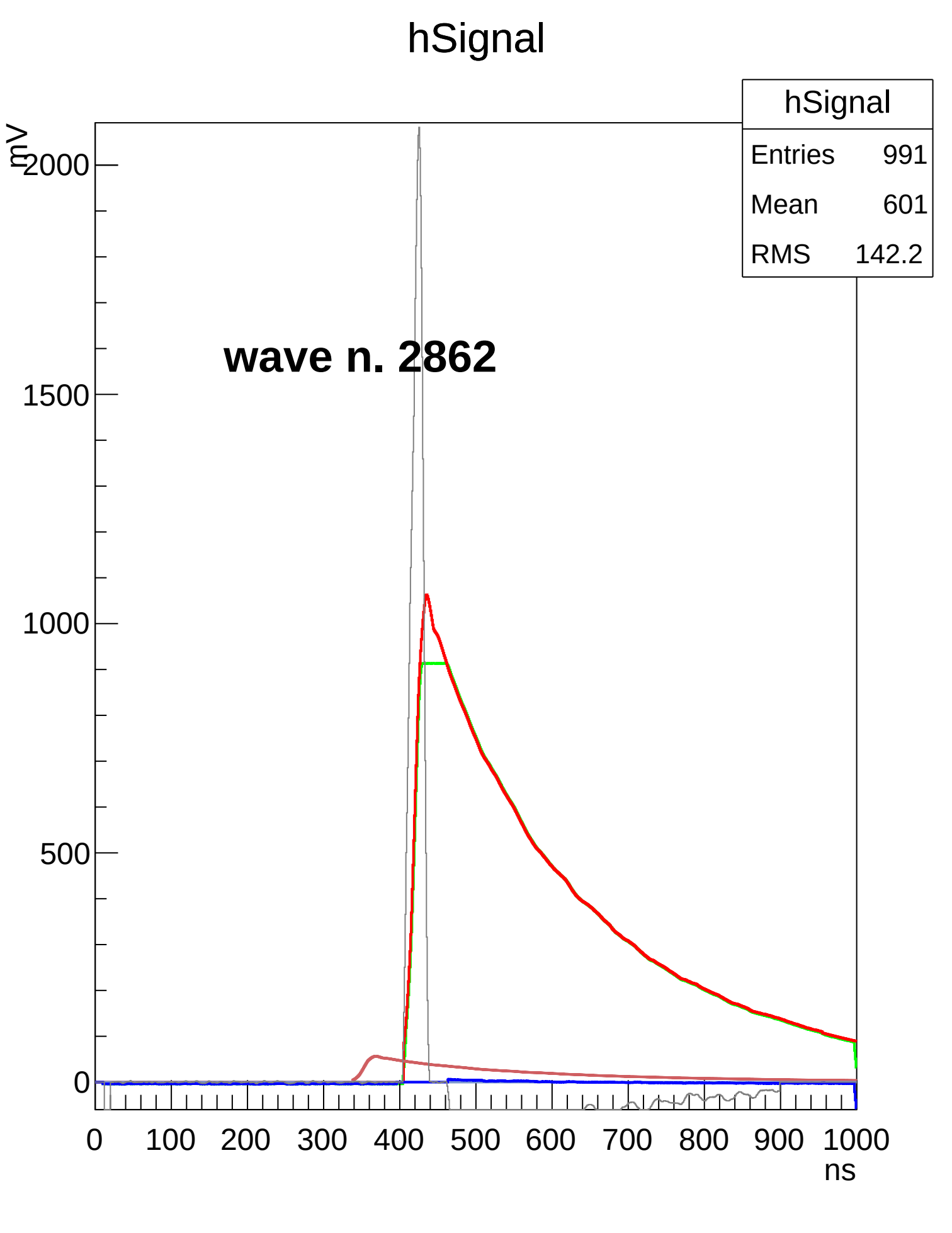
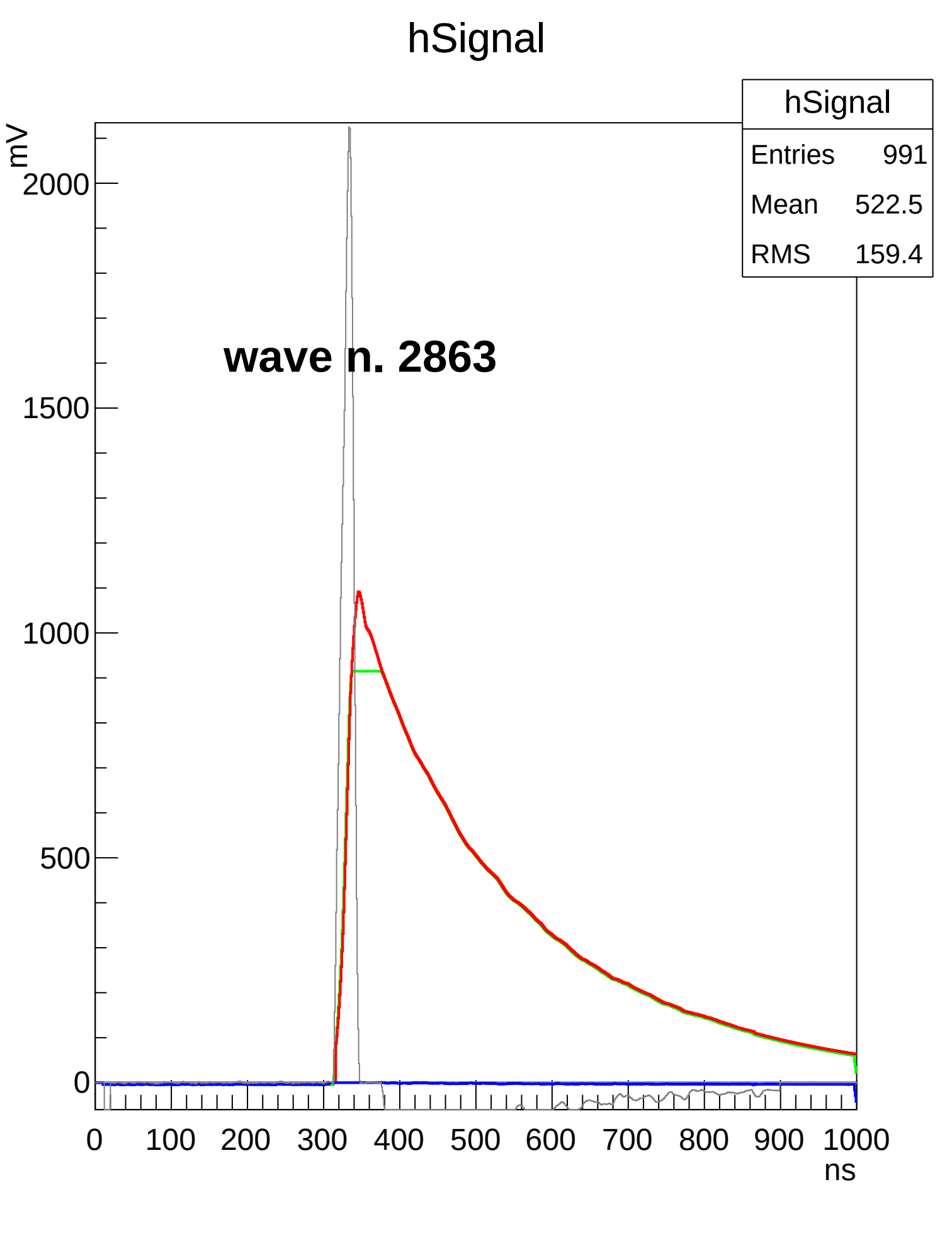
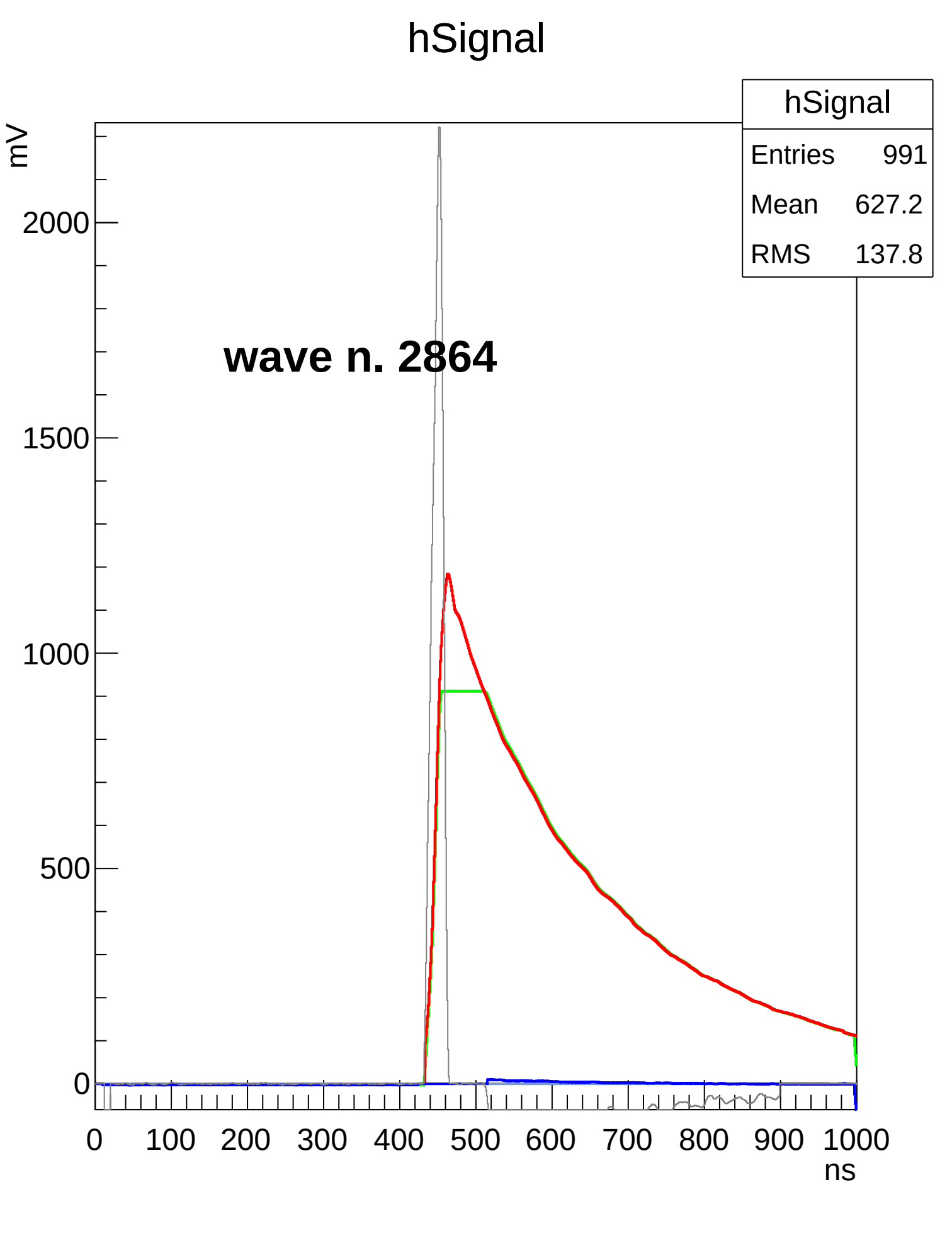
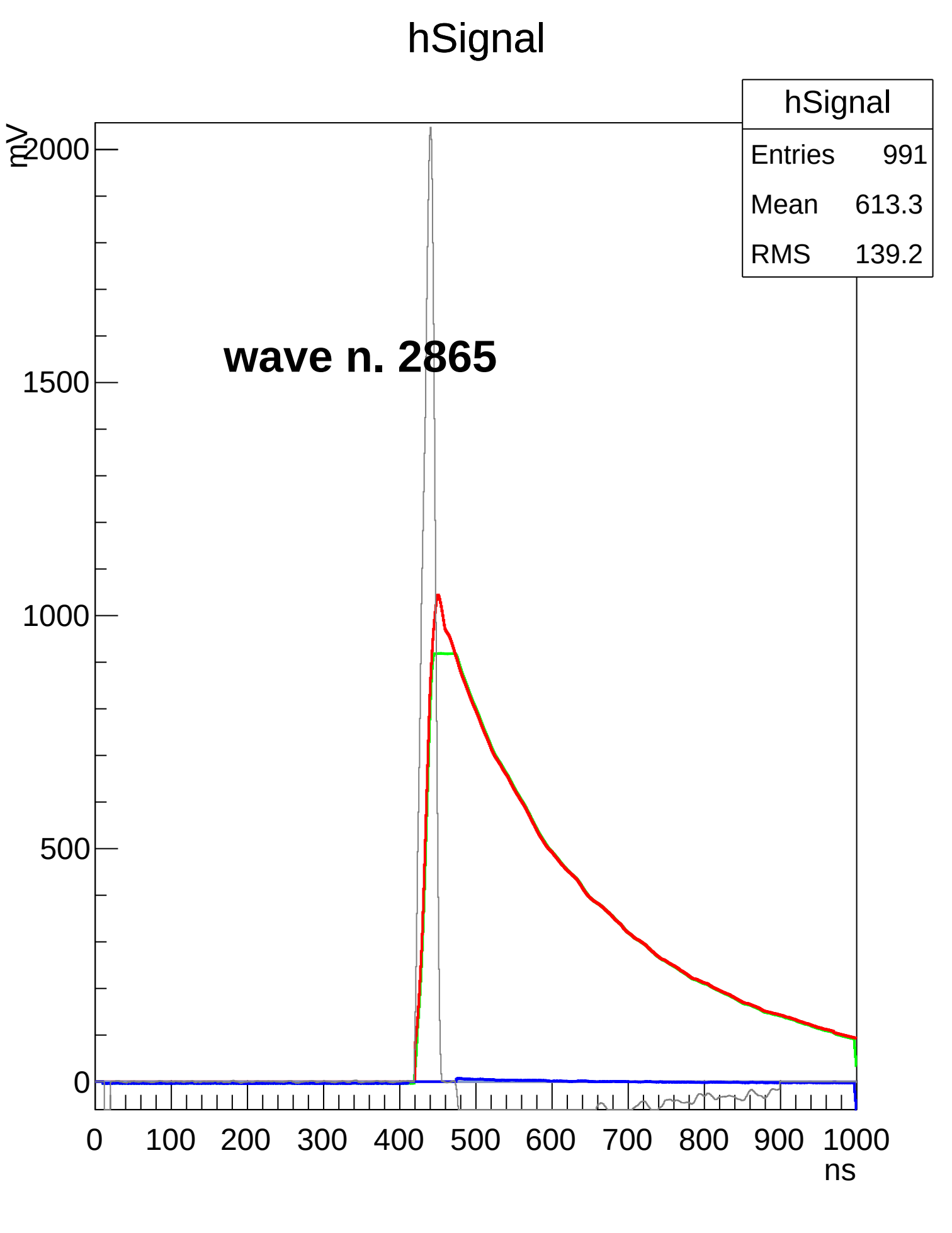
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 601
RMS 142.2
wave n. 2862
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 522.5
RMS 159.4
wave n. 2863
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 627.2
RMS 137.8
wave n. 2864
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 613.3
RMS 139.2
wave n. 2865
mV
2000
1500
1000
500
0
0
100
200
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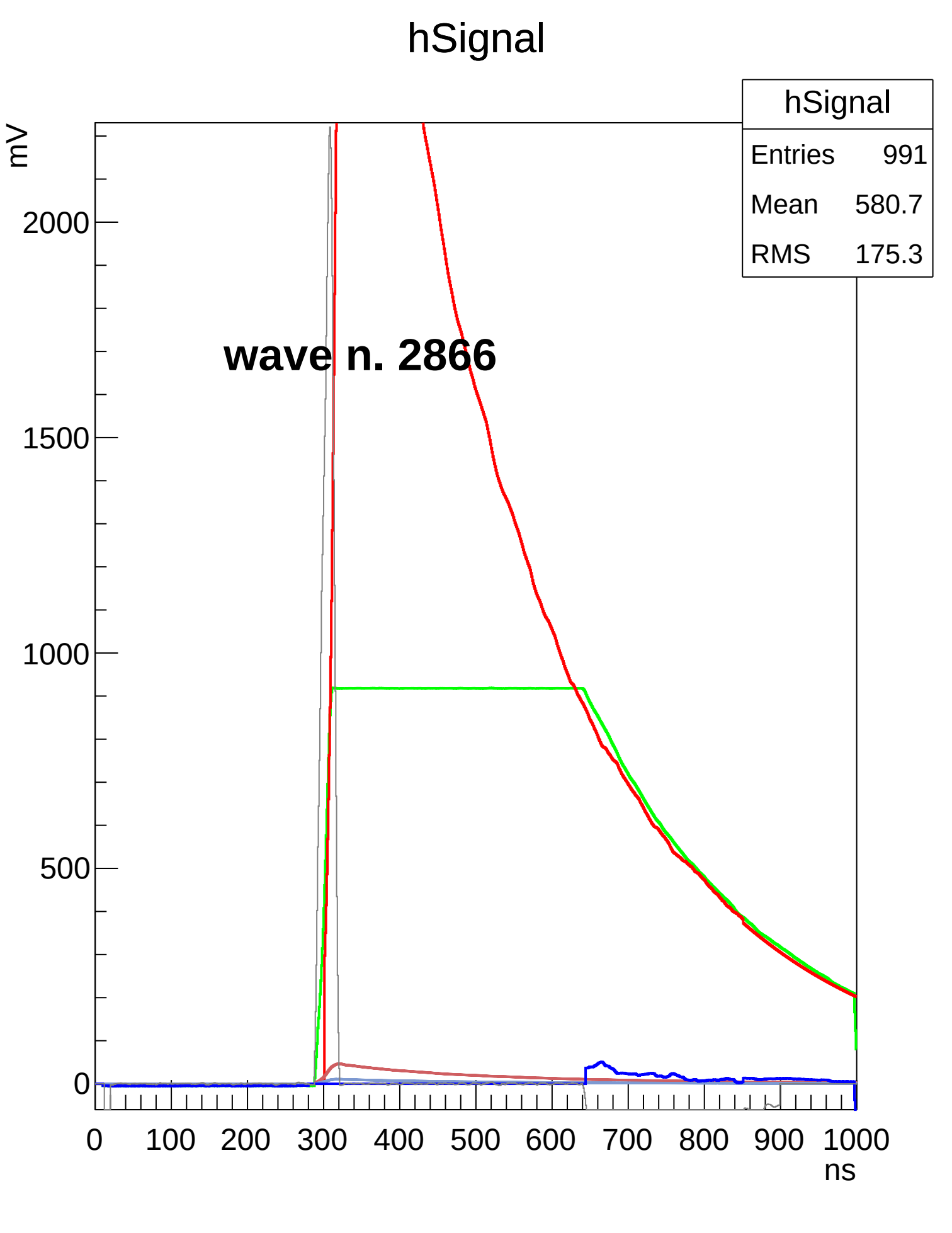
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 580.7
RMS 175.3
wave n. 2866
mV
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1500
1000
500
0
0
100
200
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400
500
600
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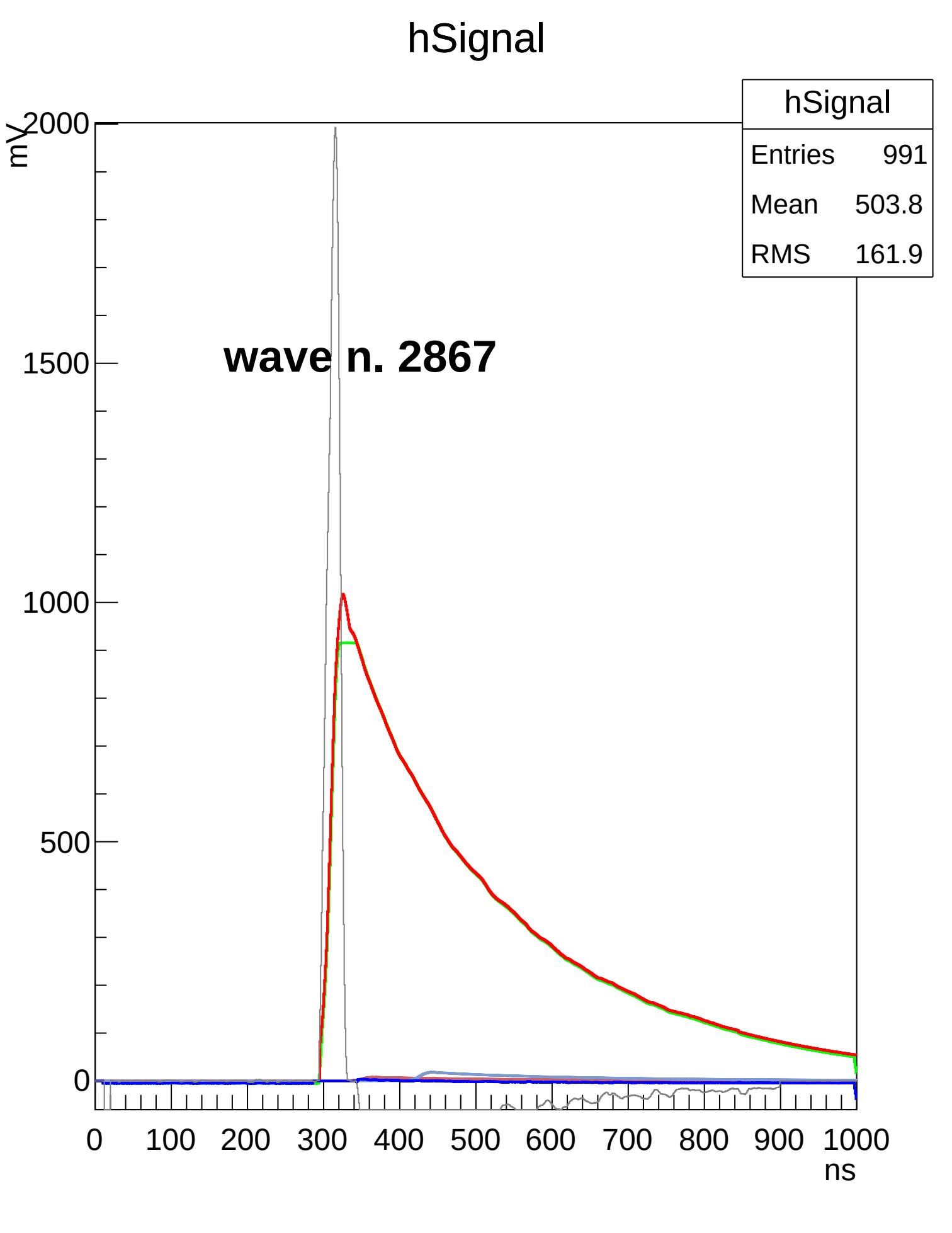
800
900
1000
ns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hSignal
Entries 991
Mean 503.8
RMS 161.9
wave n. 2867
mV
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1500
1000
500
0
0
100
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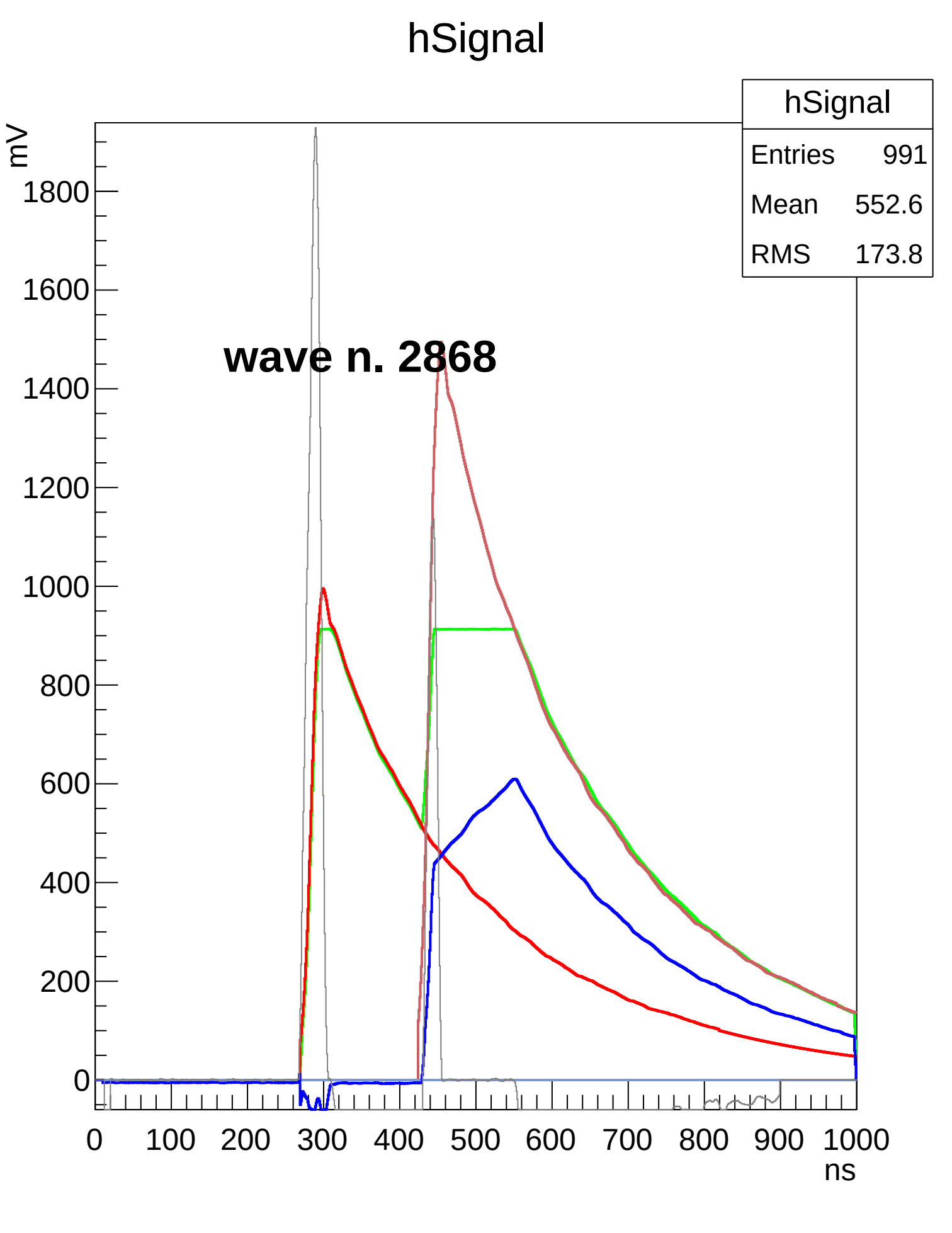
800
900
1000
ns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hSignal
Entries 991
Mean 552.6
RMS 173.8
wave n. 2868
mV
1800
1600
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1200
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600
400
200
0
0
100
200
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400
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800
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1000
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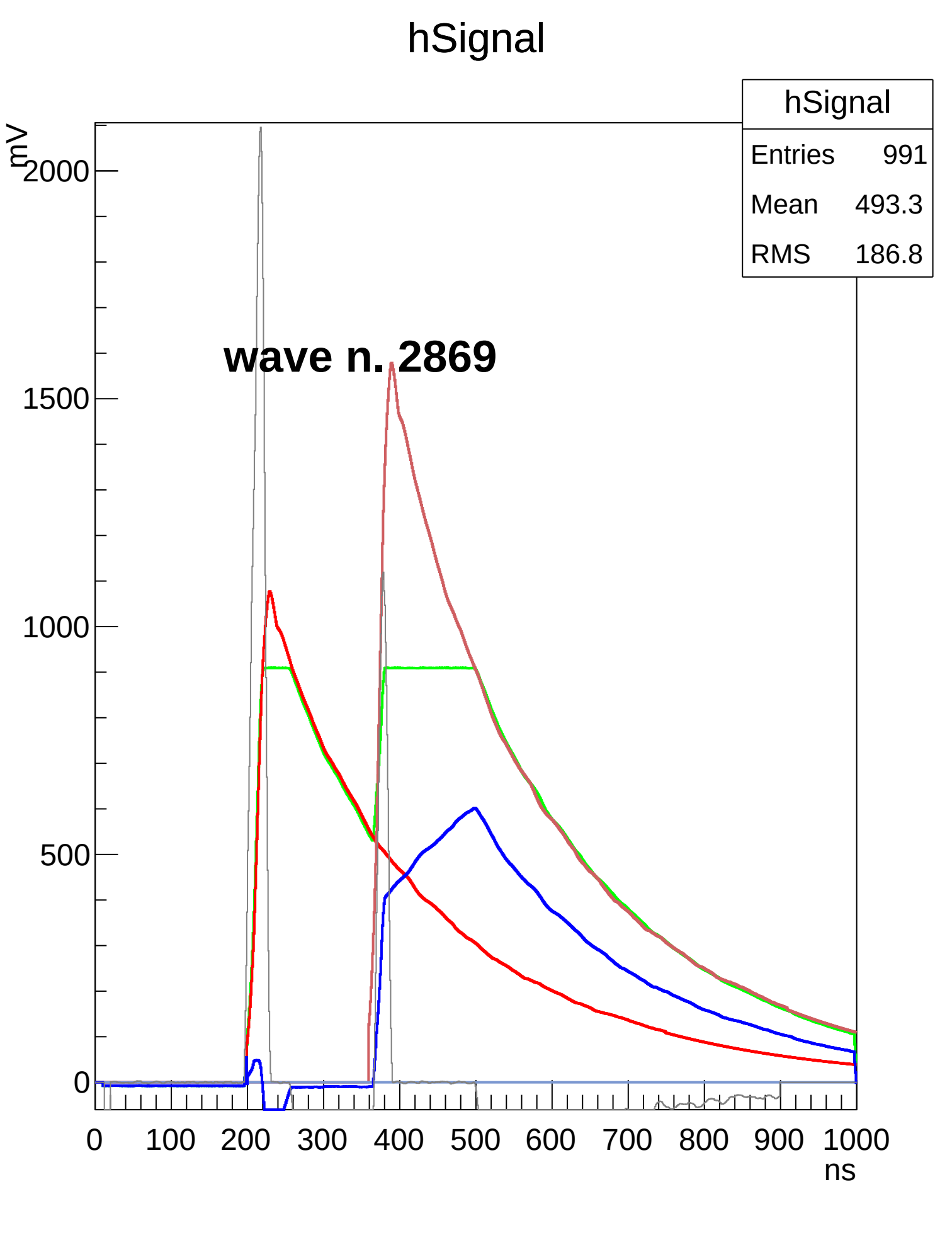
hSignal
hSignal
Entries 991
Mean 493.3
RMS 186.8
wave n. 2869
mV
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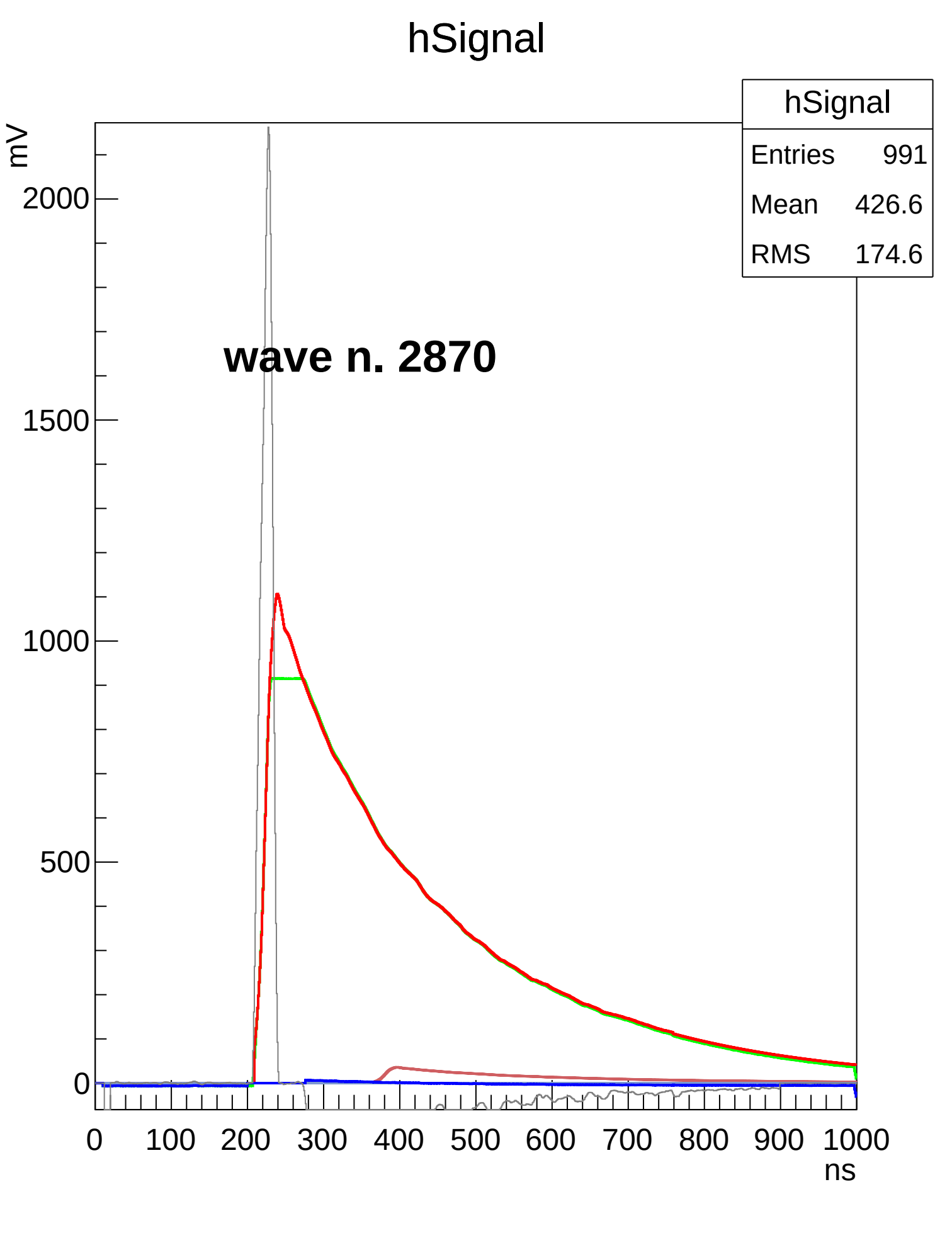
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 426.6
RMS 174.6
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1000
500
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400
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800
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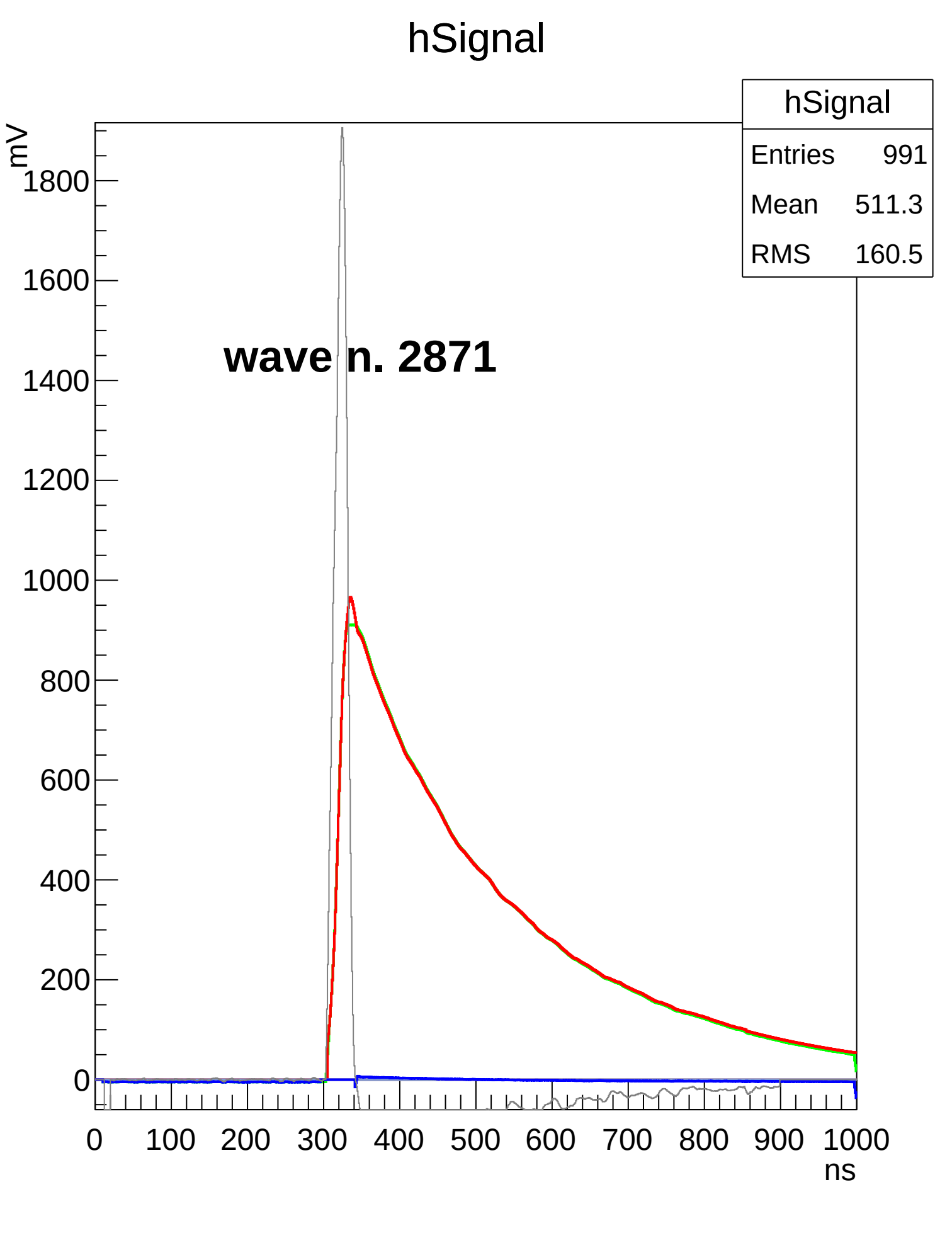
1000
ns


hSignal
hSignal
Entries 991
Mean 511.3
RMS 160.5
wave n. 2871
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
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400
500
600
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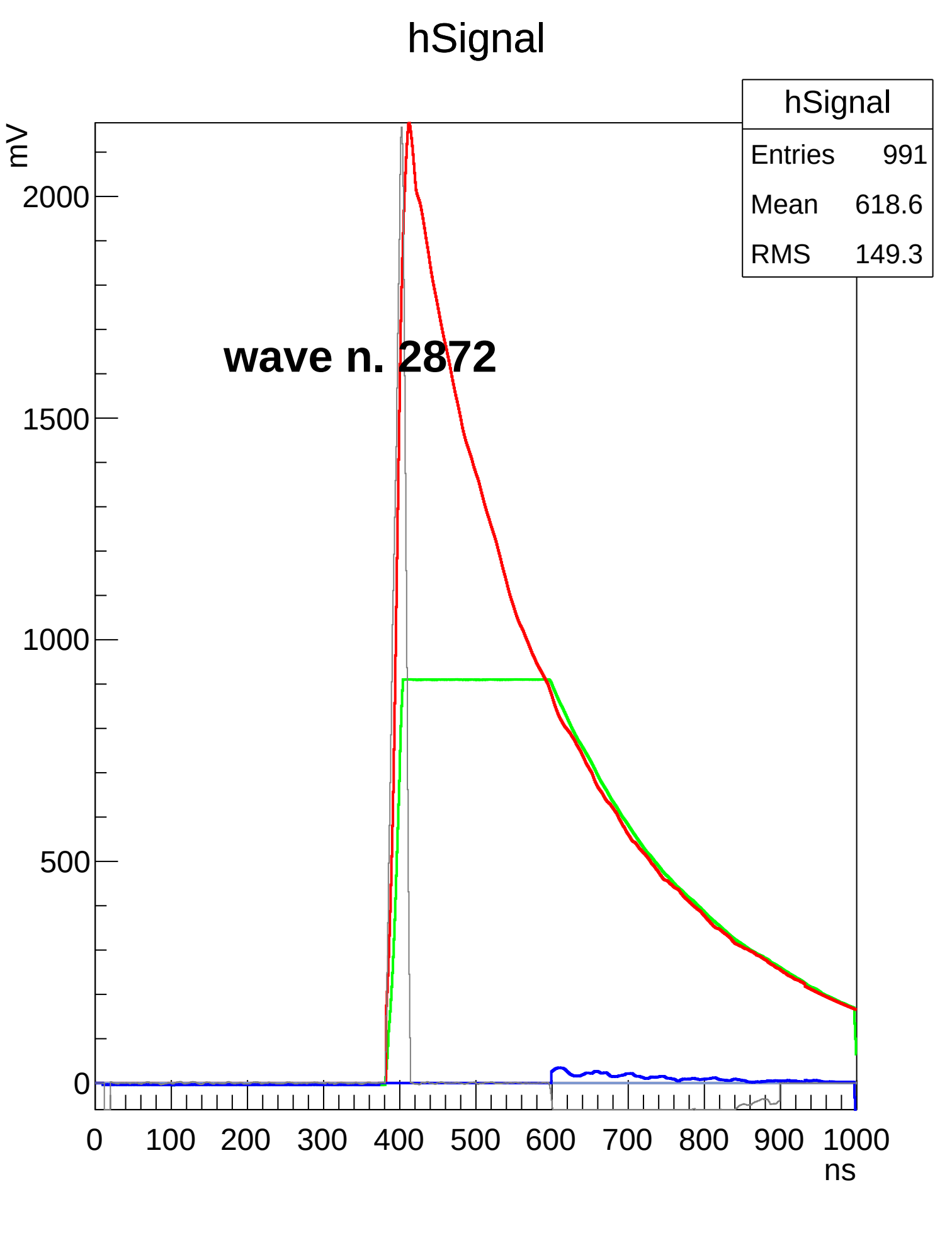
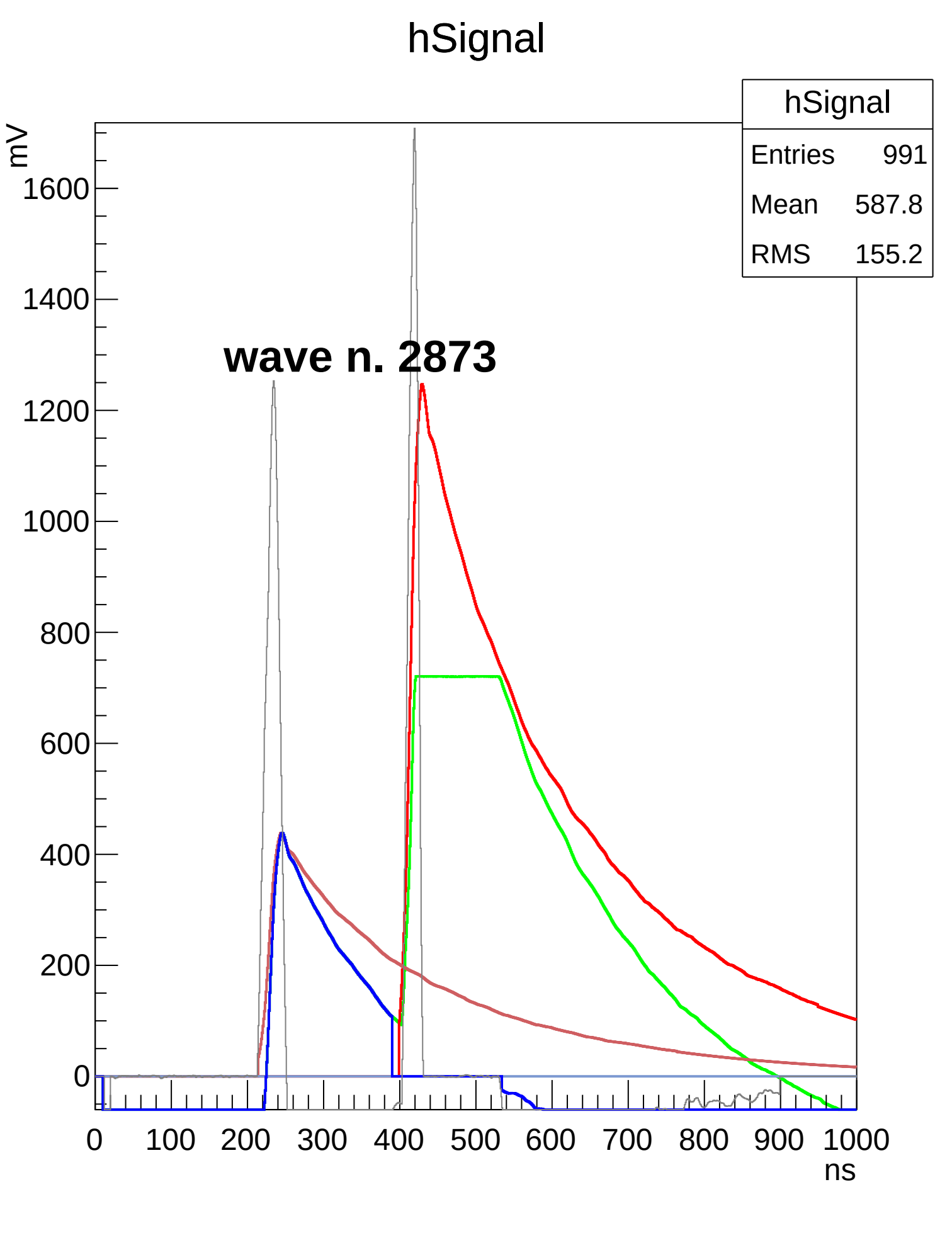
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 618.6
RMS 149.3
wave n. 2872
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 587.8
RMS 155.2
wave n. 2873
mV
1600
1400
1200
1000
800
600
400
200
0
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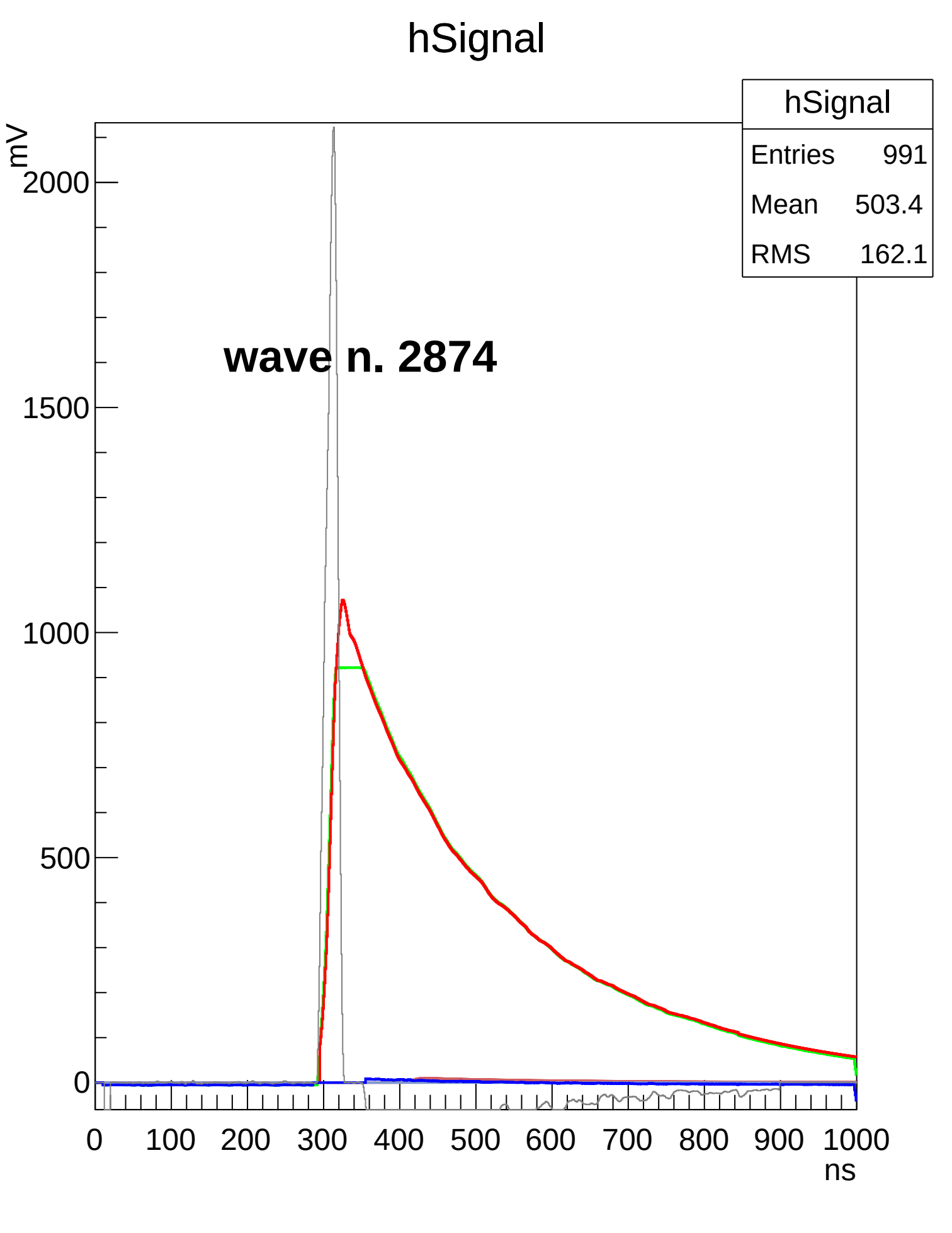
ns


hSignal
hSignal
Entries 991
Mean 503.4
RMS 162.1
wave n. 2874
mV
2000
1500
1000
500
0
0
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400
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600
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800
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1000
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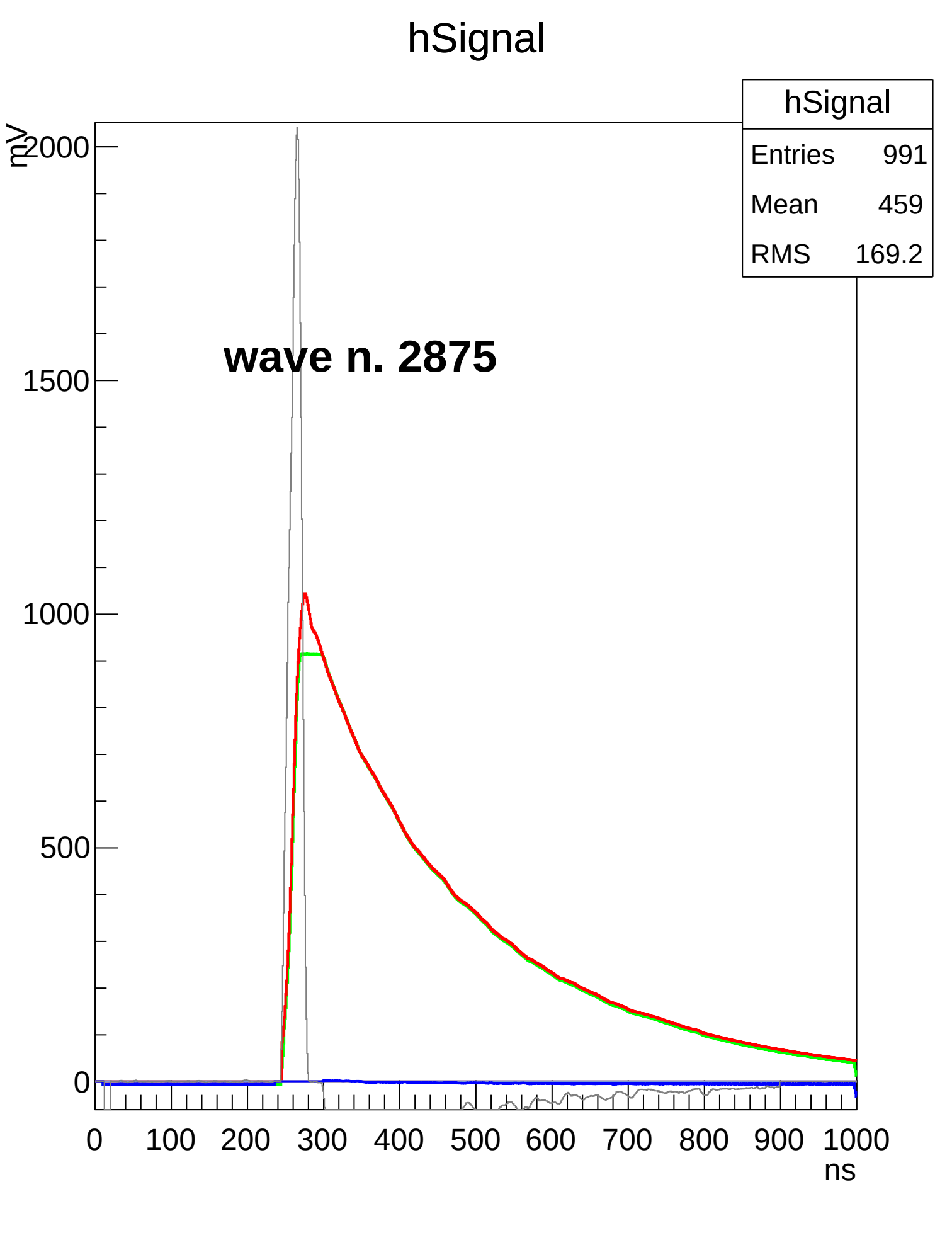
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Mean 459
RMS 169.2
wave n. 2875
mV
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500
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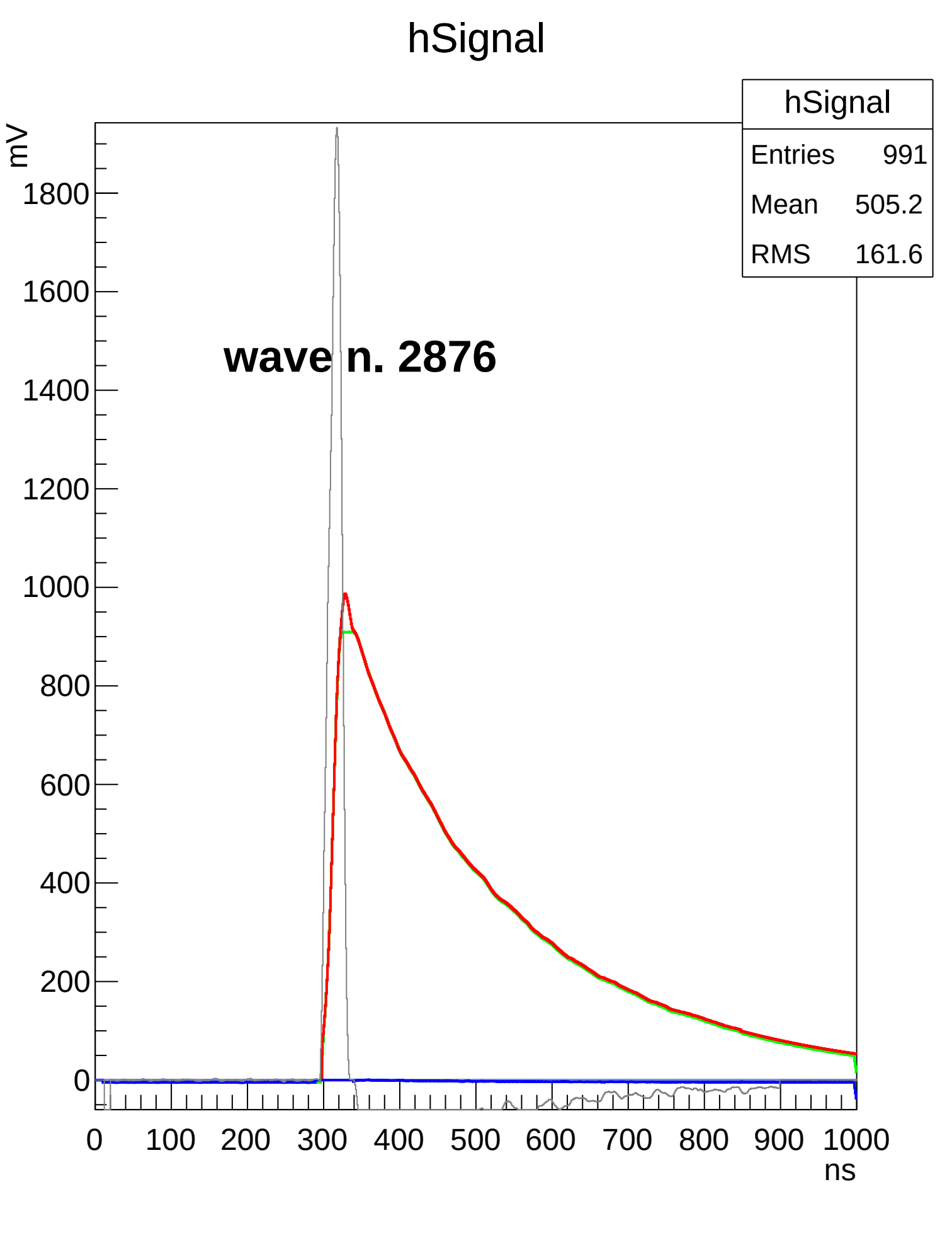
ns


hSignal
hSignal
Entries 991
Mean 505.2
RMS 161.6
wave n. 2876
mV
1800
1600
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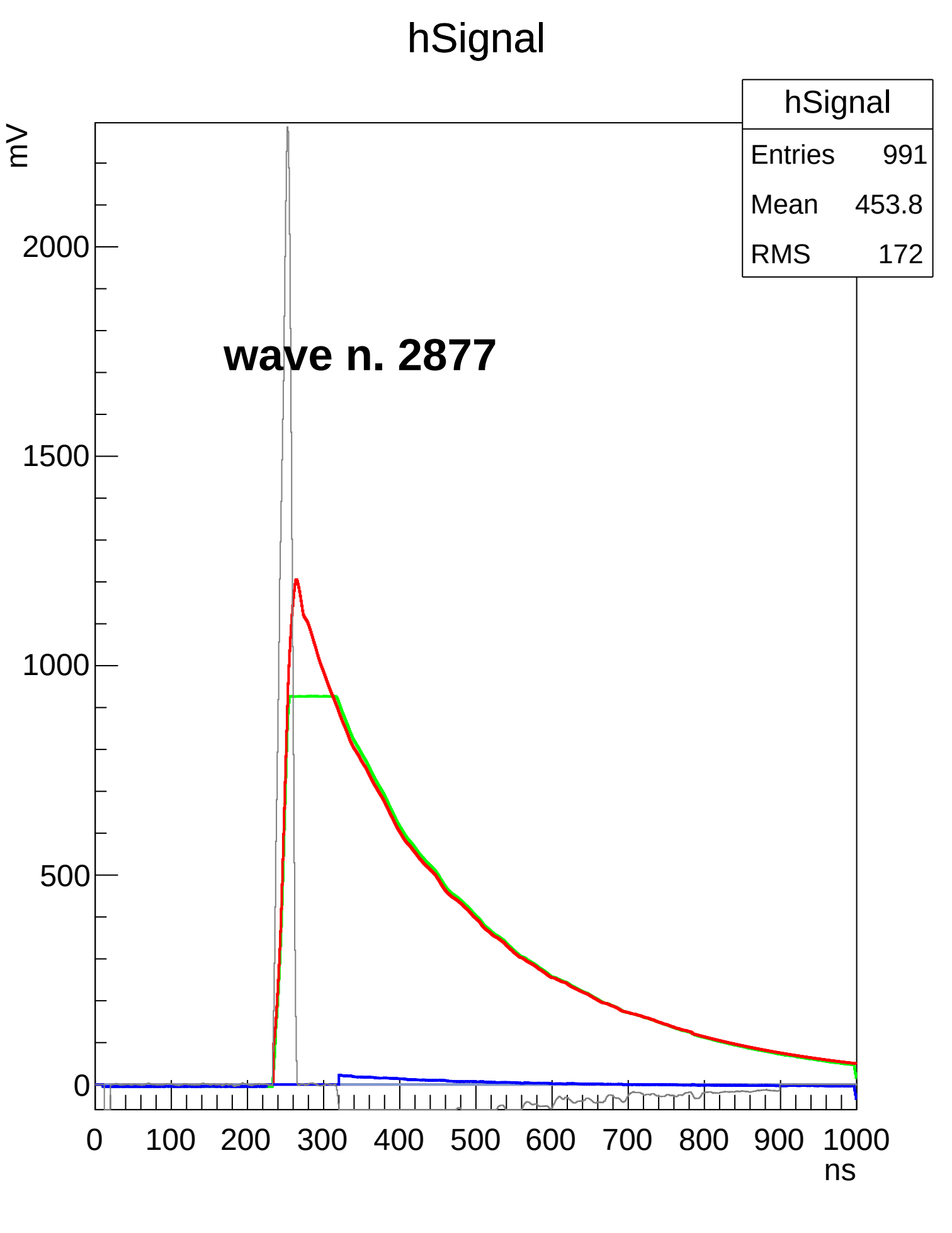
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Entries 991
Mean 453.8
RMS 172
wave n. 2877
mV
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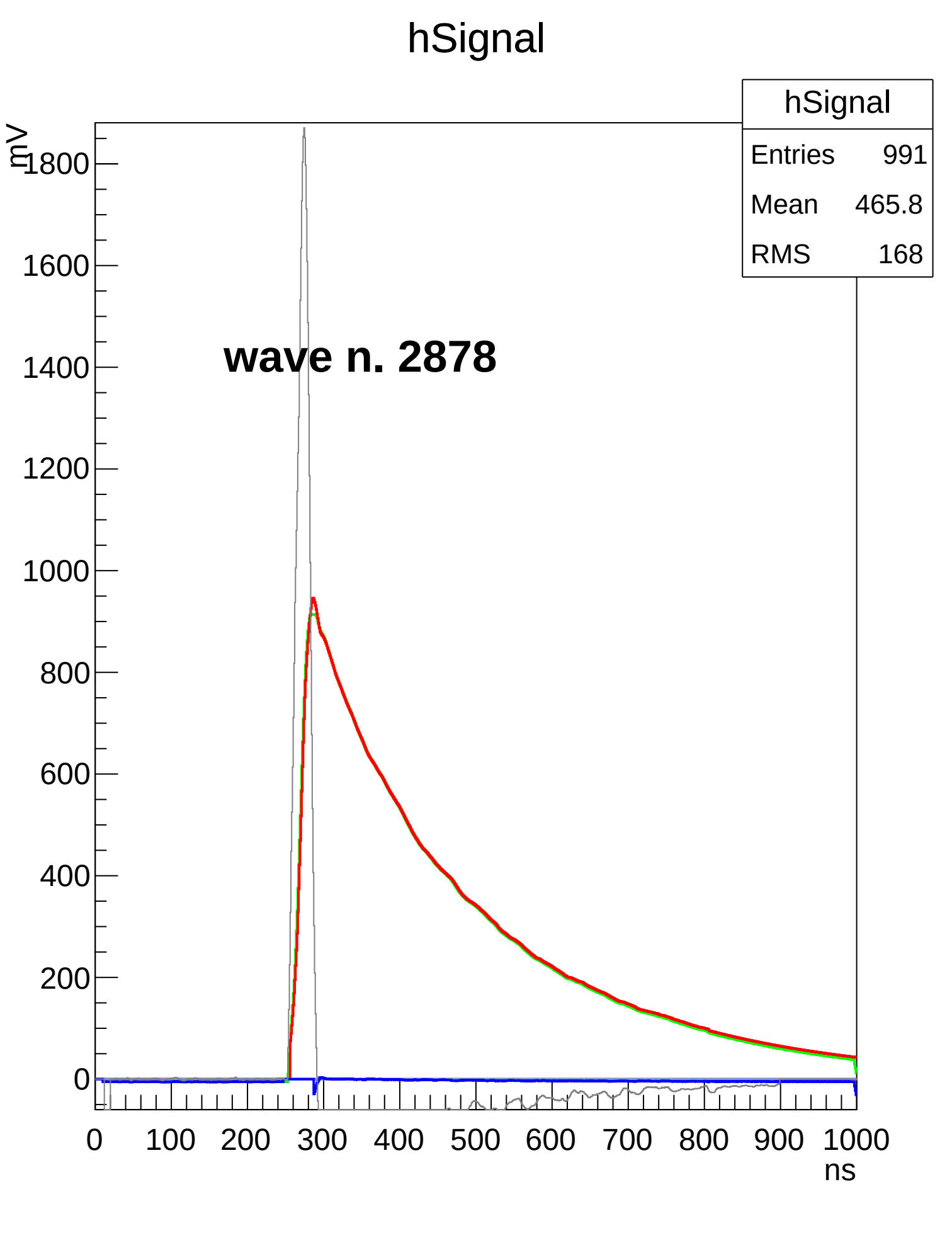
hSignal
hSignal
Entries 991
Mean 465.8
RMS 168
wave n. 2878
mV
1800
1600
1400
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200
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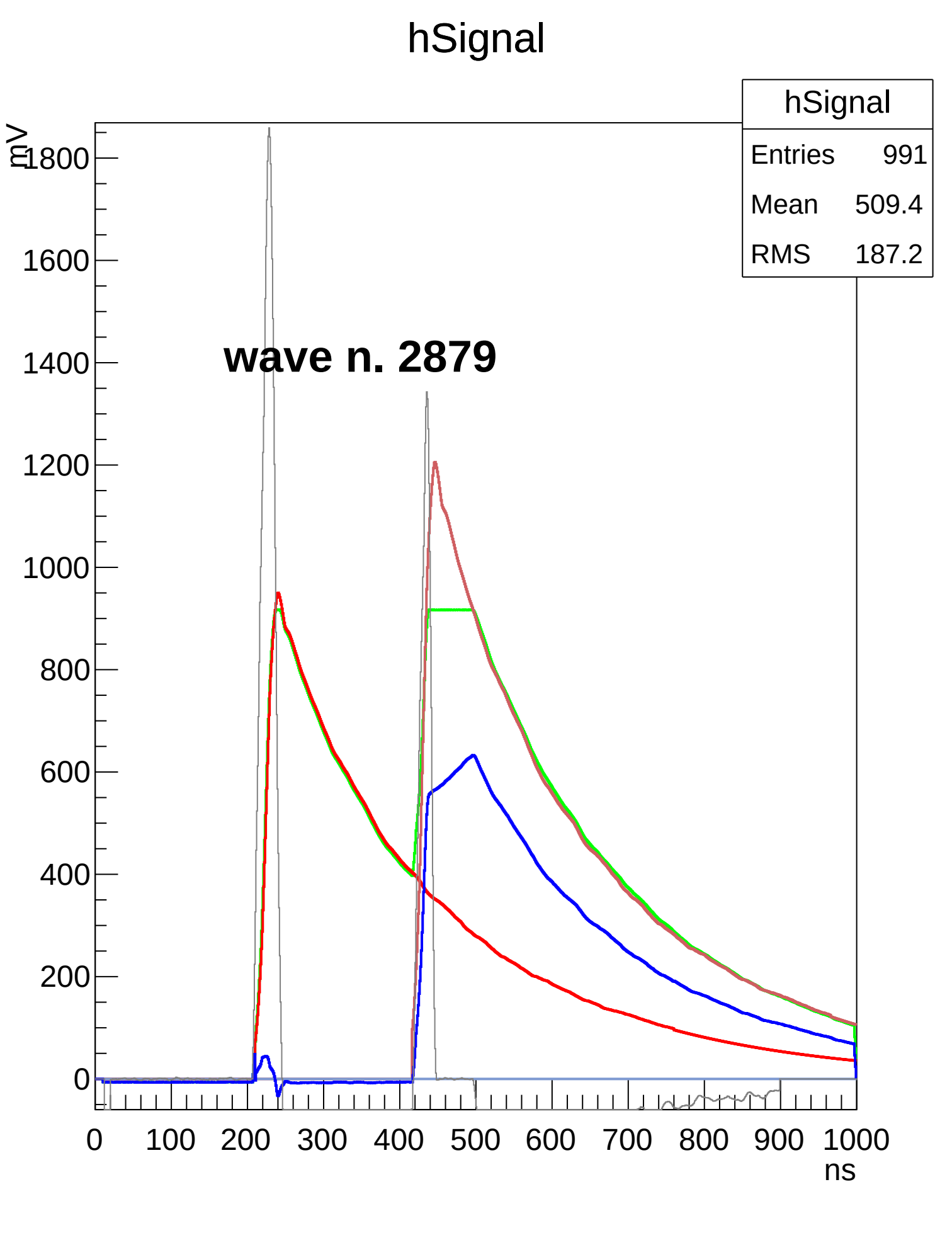
900
1000
ns


hSignal
hSignal
Entries 991
Mean 509.4
RMS 187.2
wave n. 2879
mV
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1200
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400
200
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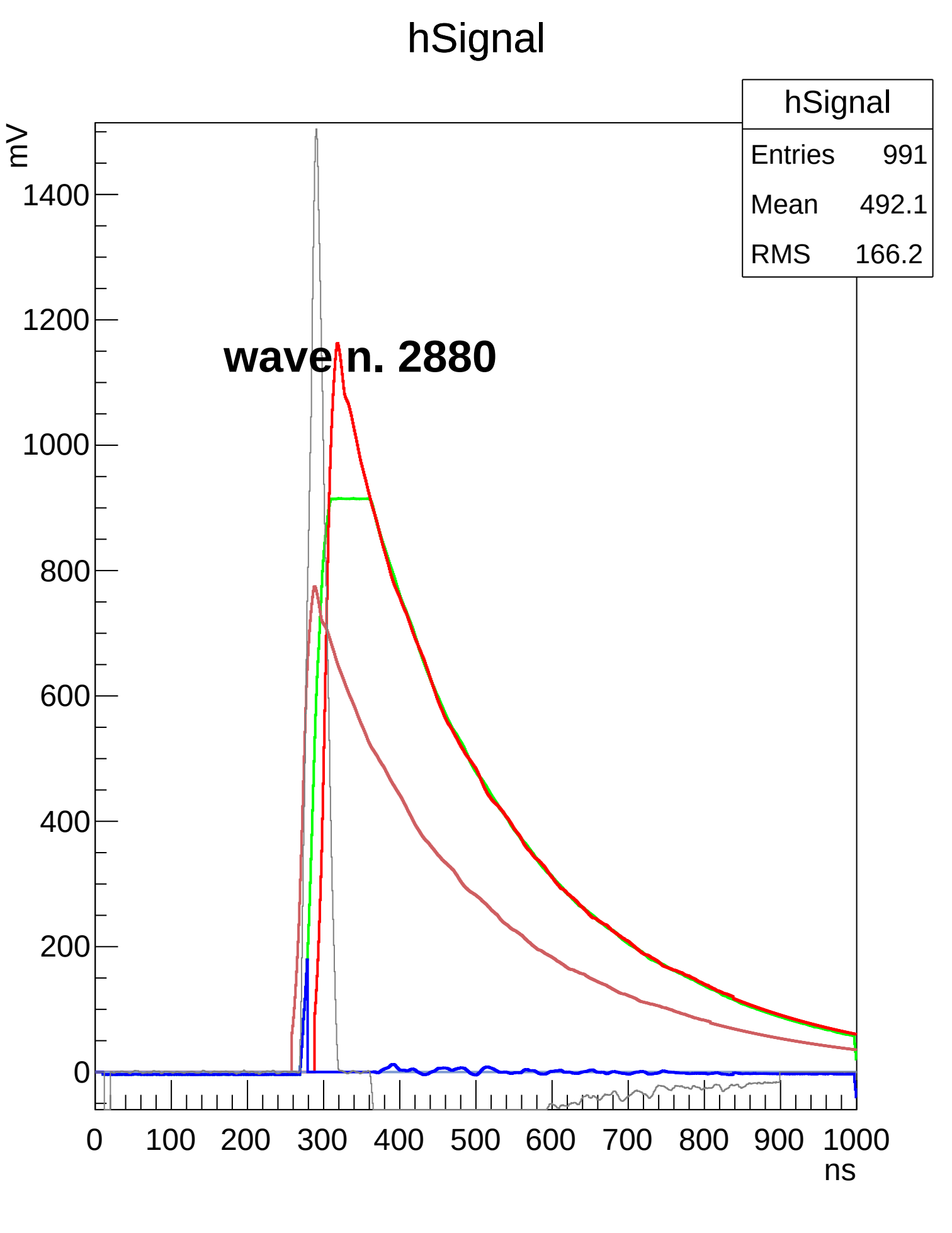
ns


hSignal
hSignal
Entries 991
Mean 492.1
RMS 166.2
wave n. 2880
mV
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1200
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1000
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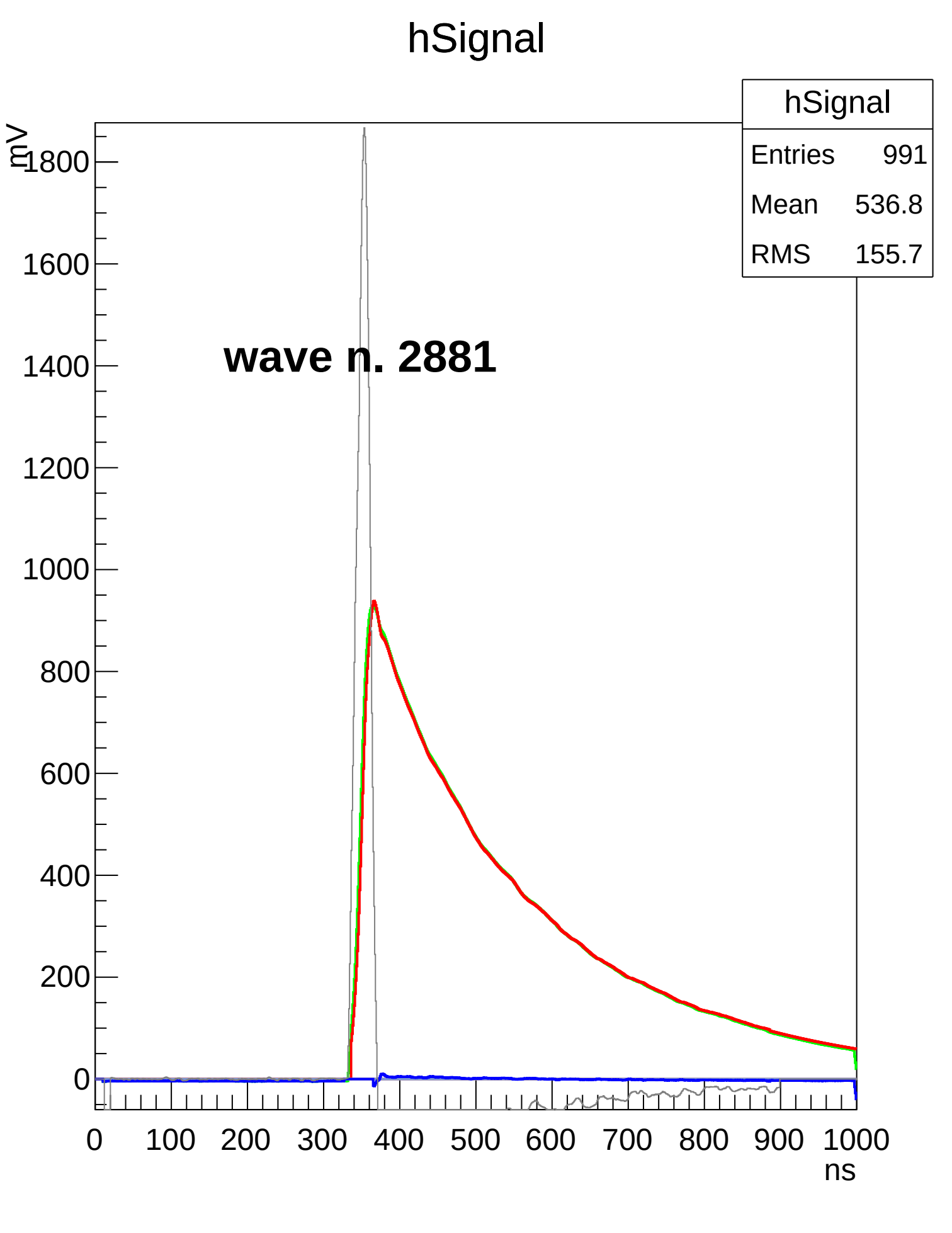
hSignal
hSignal
Entries 991
Mean 536.8
RMS 155.7
wave n. 2881
mV
1800
1600
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1200
1000
800
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200
0
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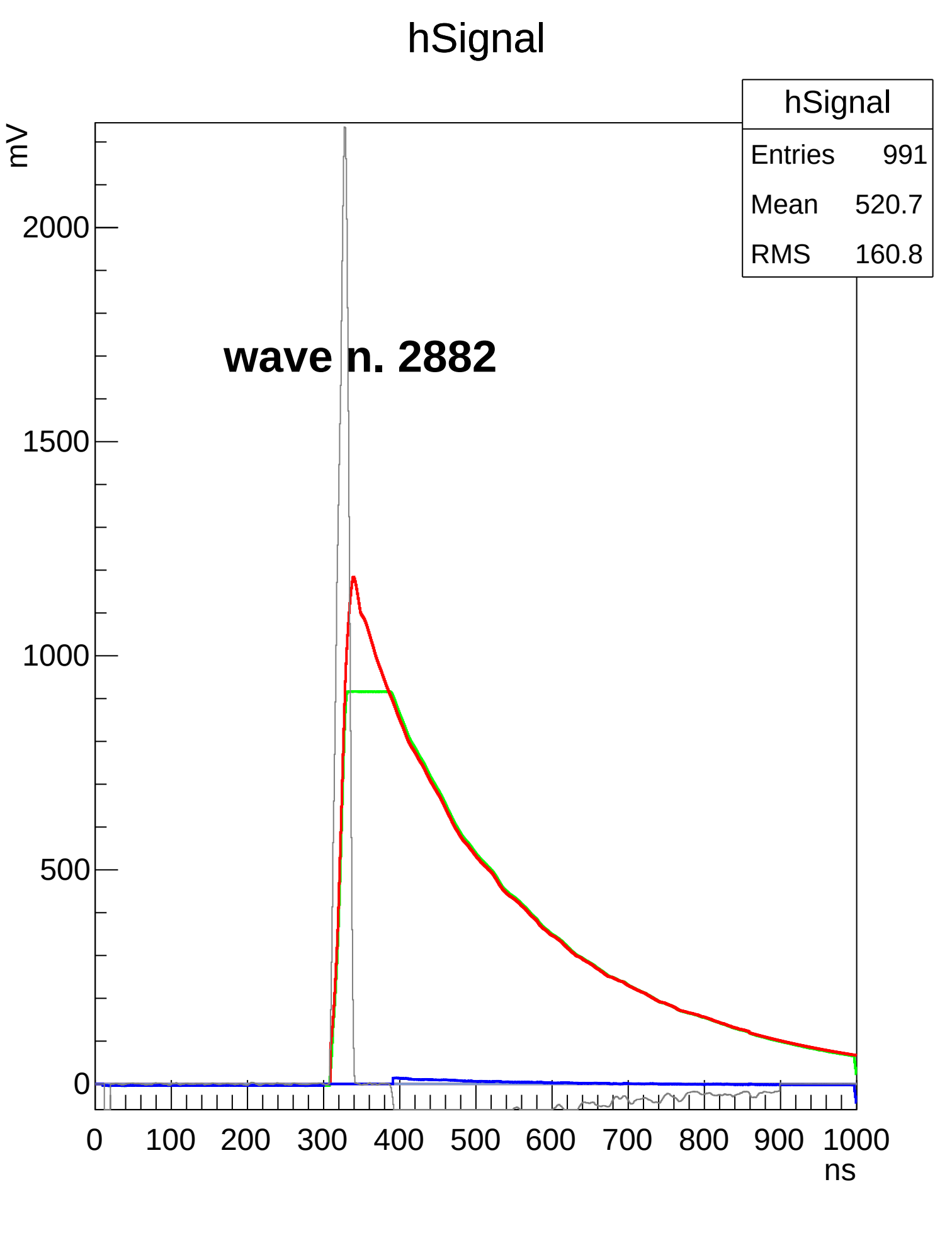
ns


hSignal
hSignal
Entries 991
Mean 520.7
RMS 160.8
wave n. 2882
mV
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1000
500
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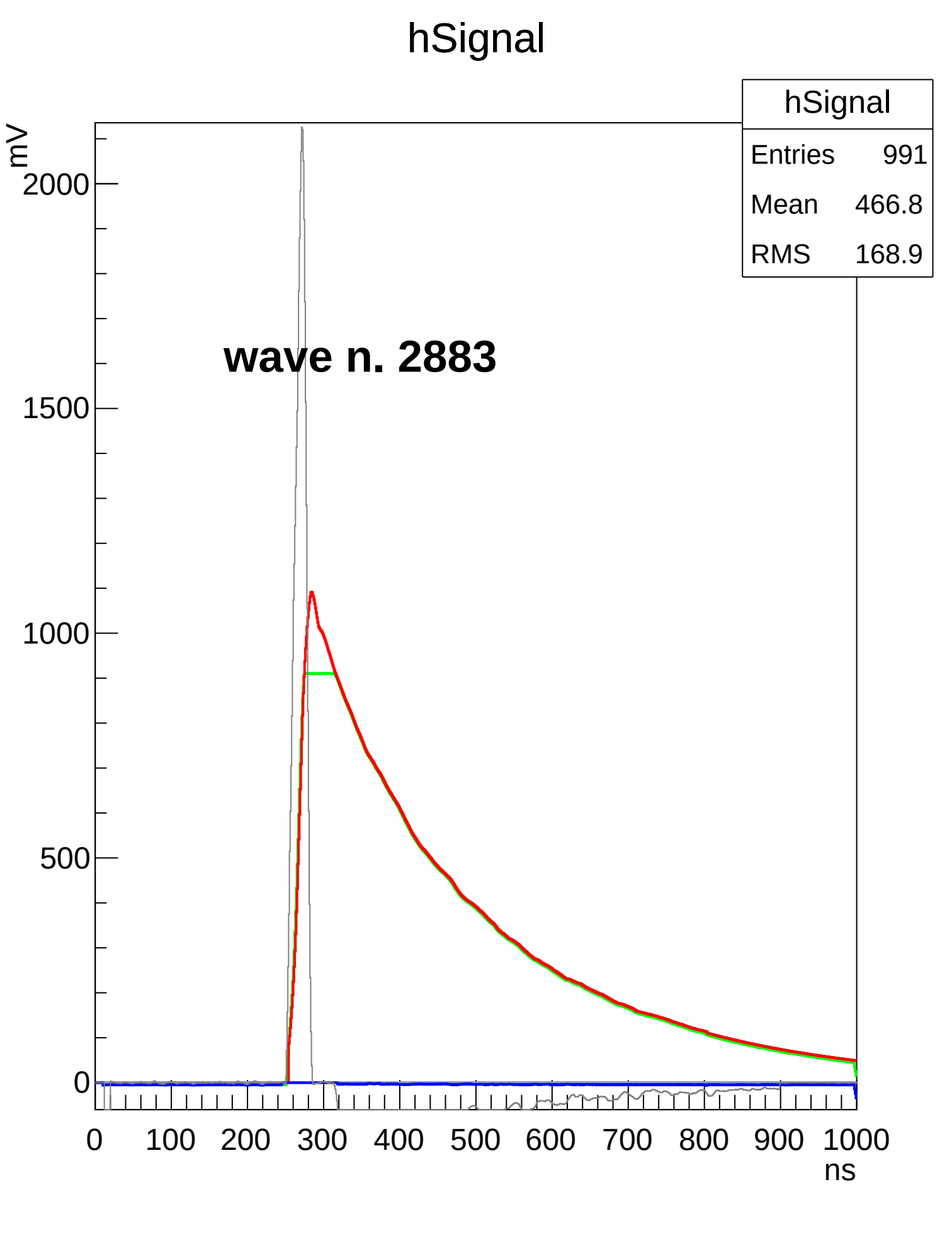
ns


hSignal
hSignal
Entries 991
Mean 466.8
RMS 168.9
wave n. 2883
mV
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1000
500
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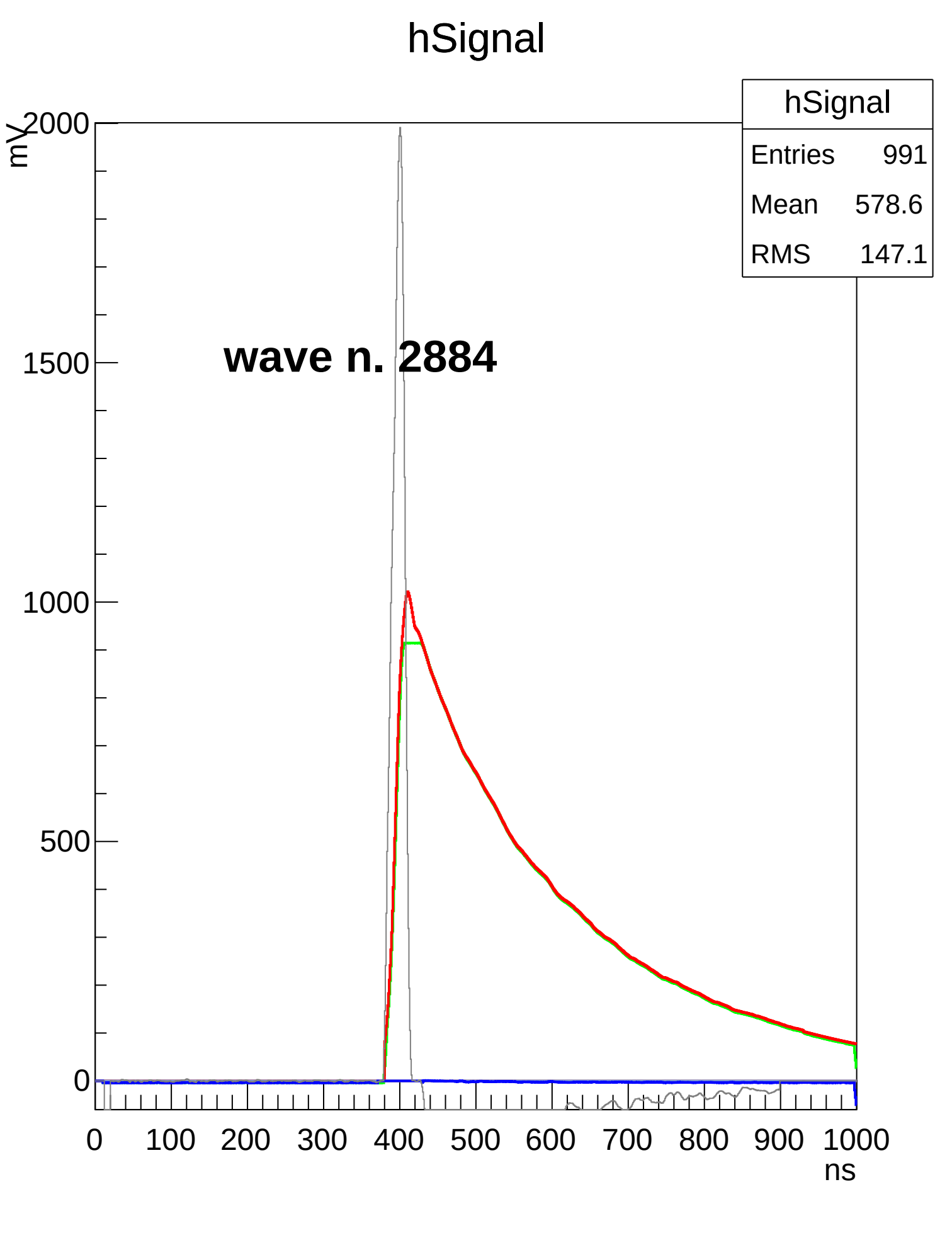
ns


hSignal
hSignal
Entries 991
Mean 578.6
RMS 147.1
wave n. 2884
mV
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1500
1000
500
0
0
100
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800
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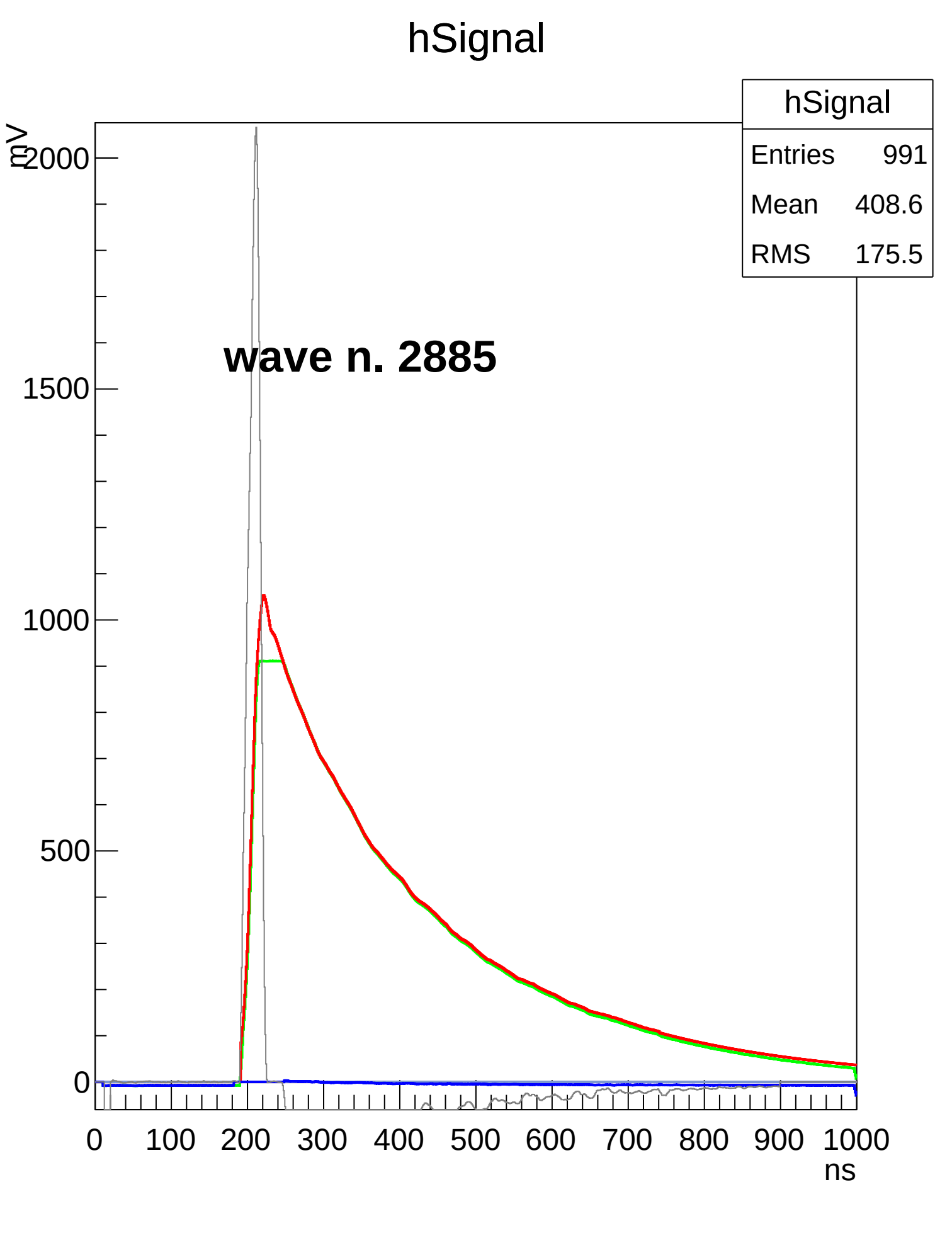
1000
ns


hSignal
hSignal
Entries 991
Mean 408.6
RMS 175.5
wave n. 2885
mV
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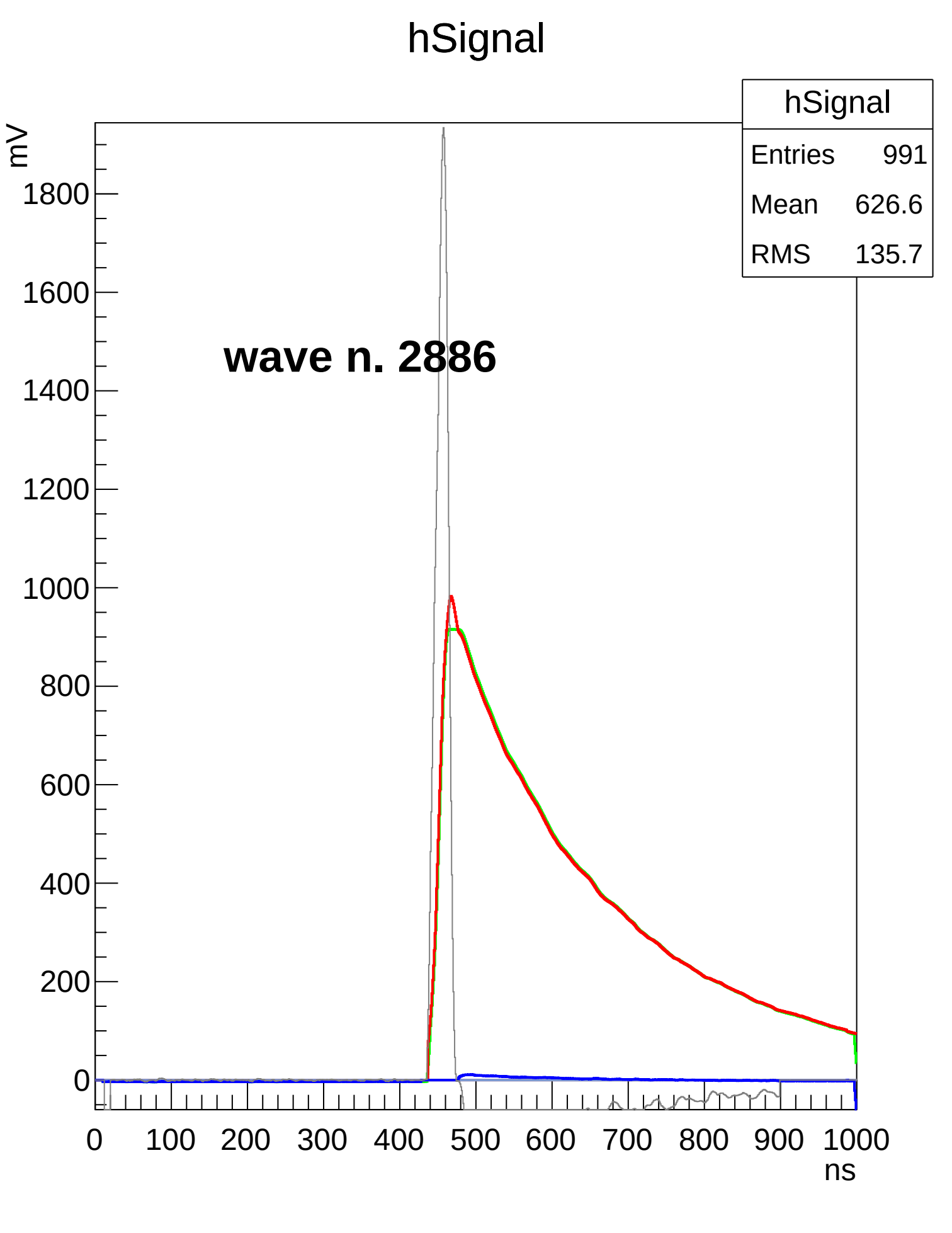
900
1000
ns


hSignal
hSignal
Entries 991
Mean 626.6
RMS 135.7
wave n. 2886
mV
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1600
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1000
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200
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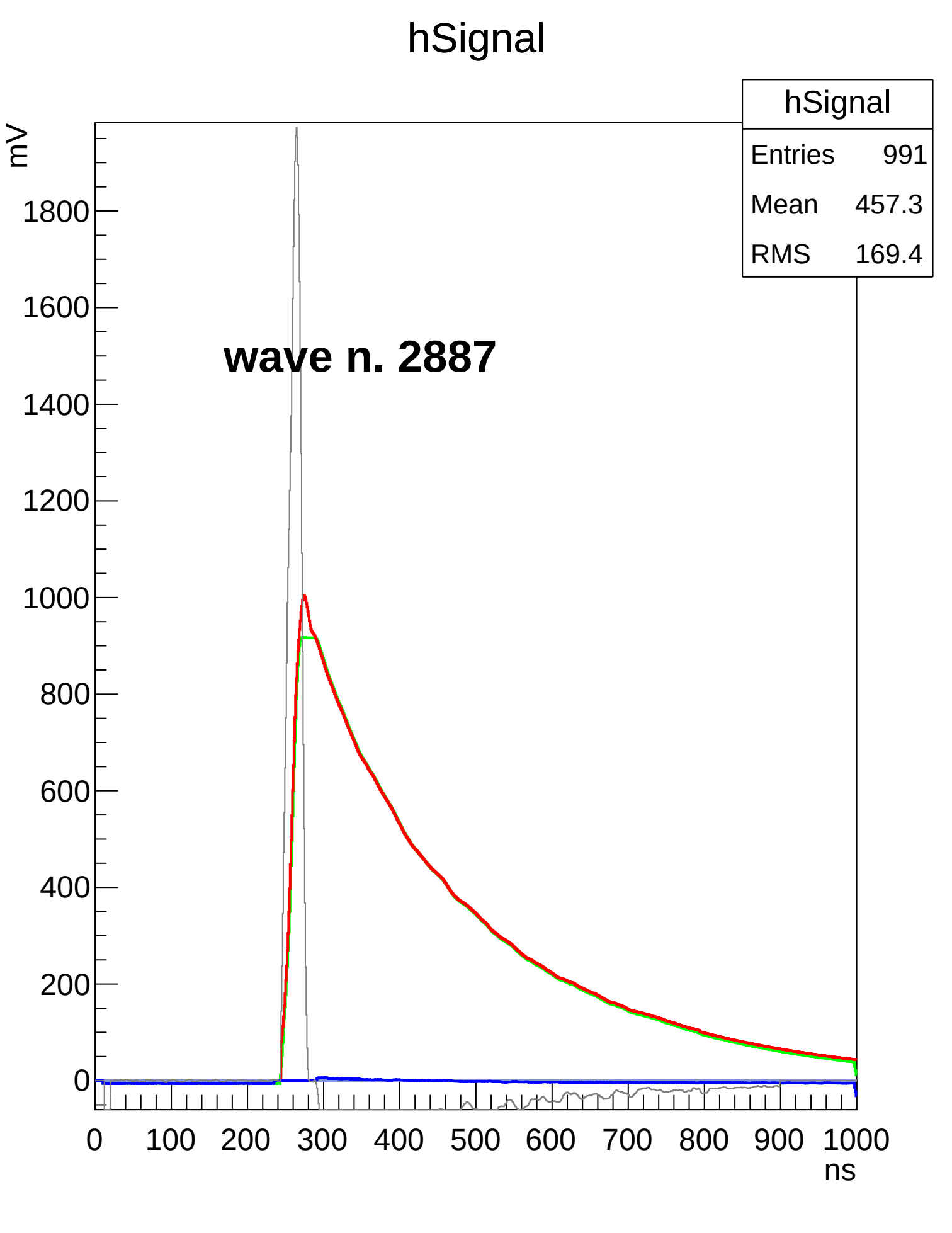
ns


hSignal
hSignal
Entries 991
Mean 457.3
RMS 169.4
wave n. 2887
mV
1800
1600
1400
1200
1000
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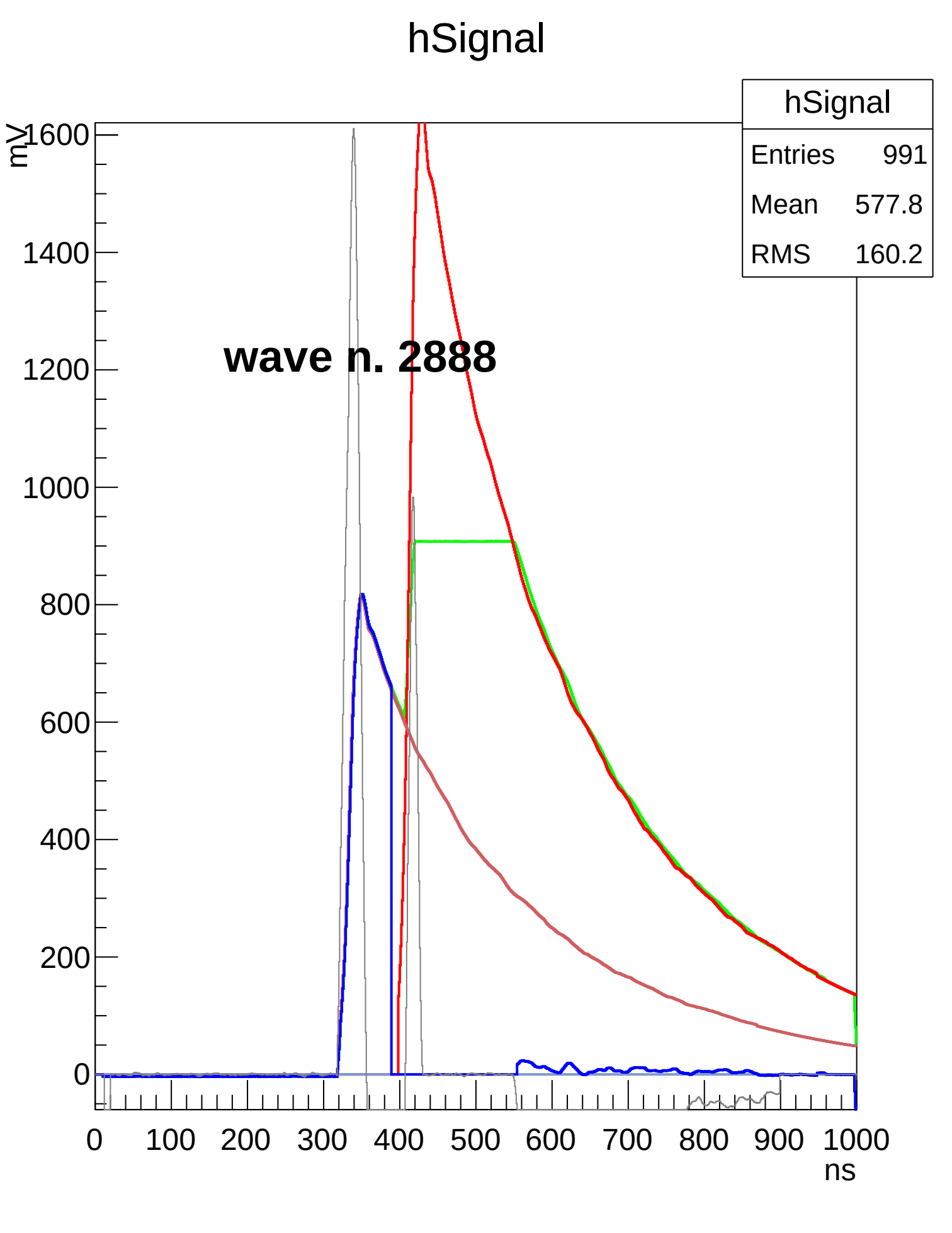
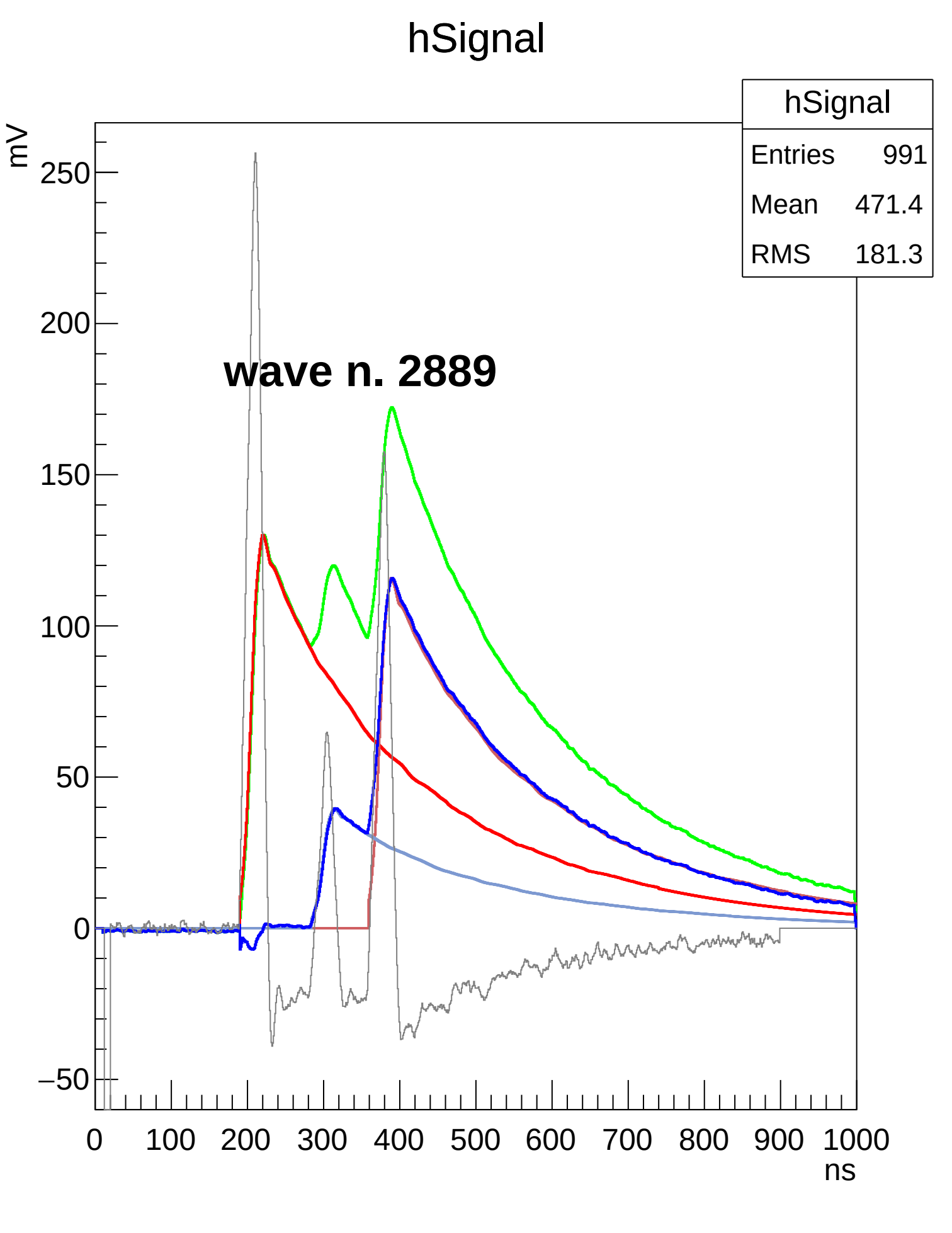
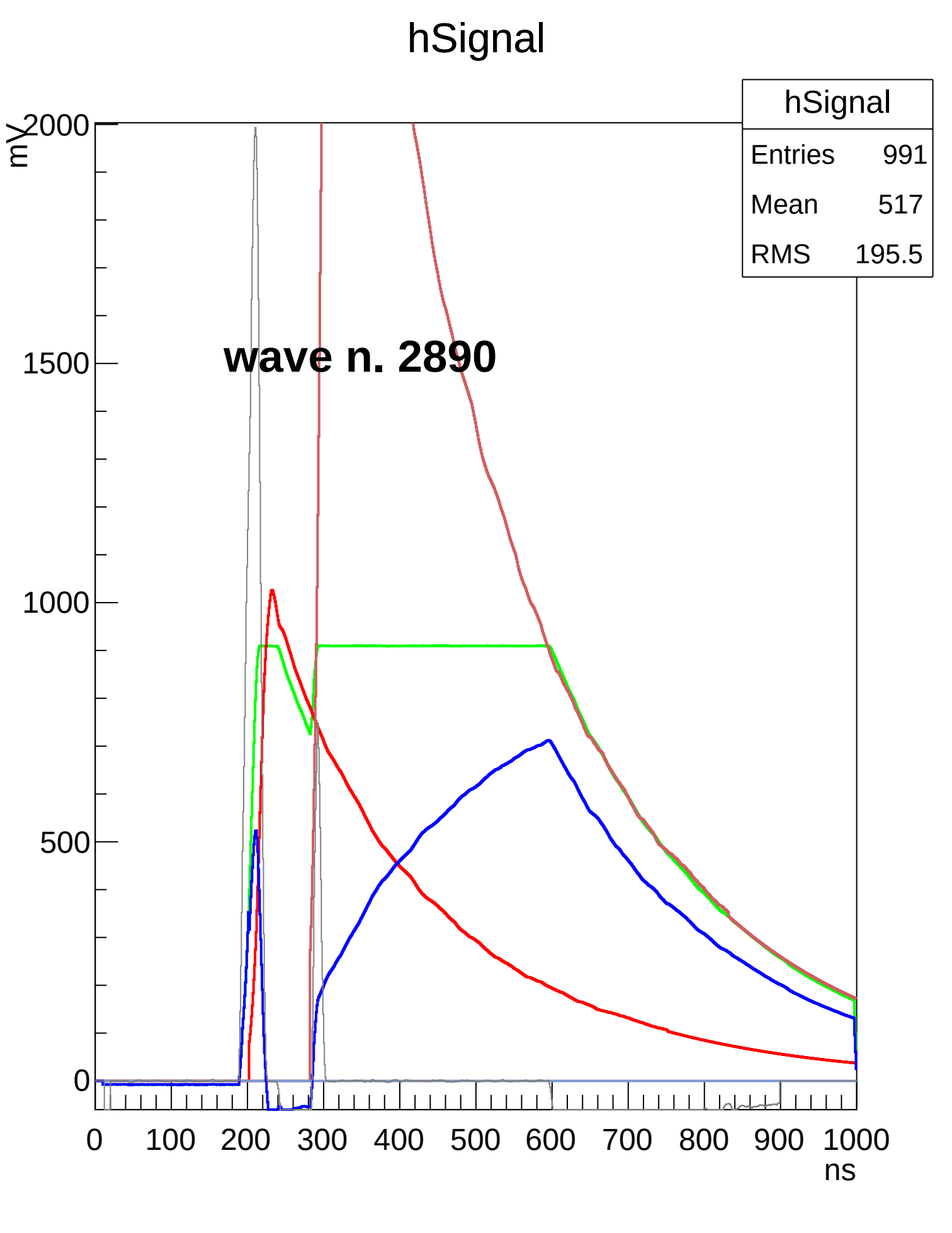
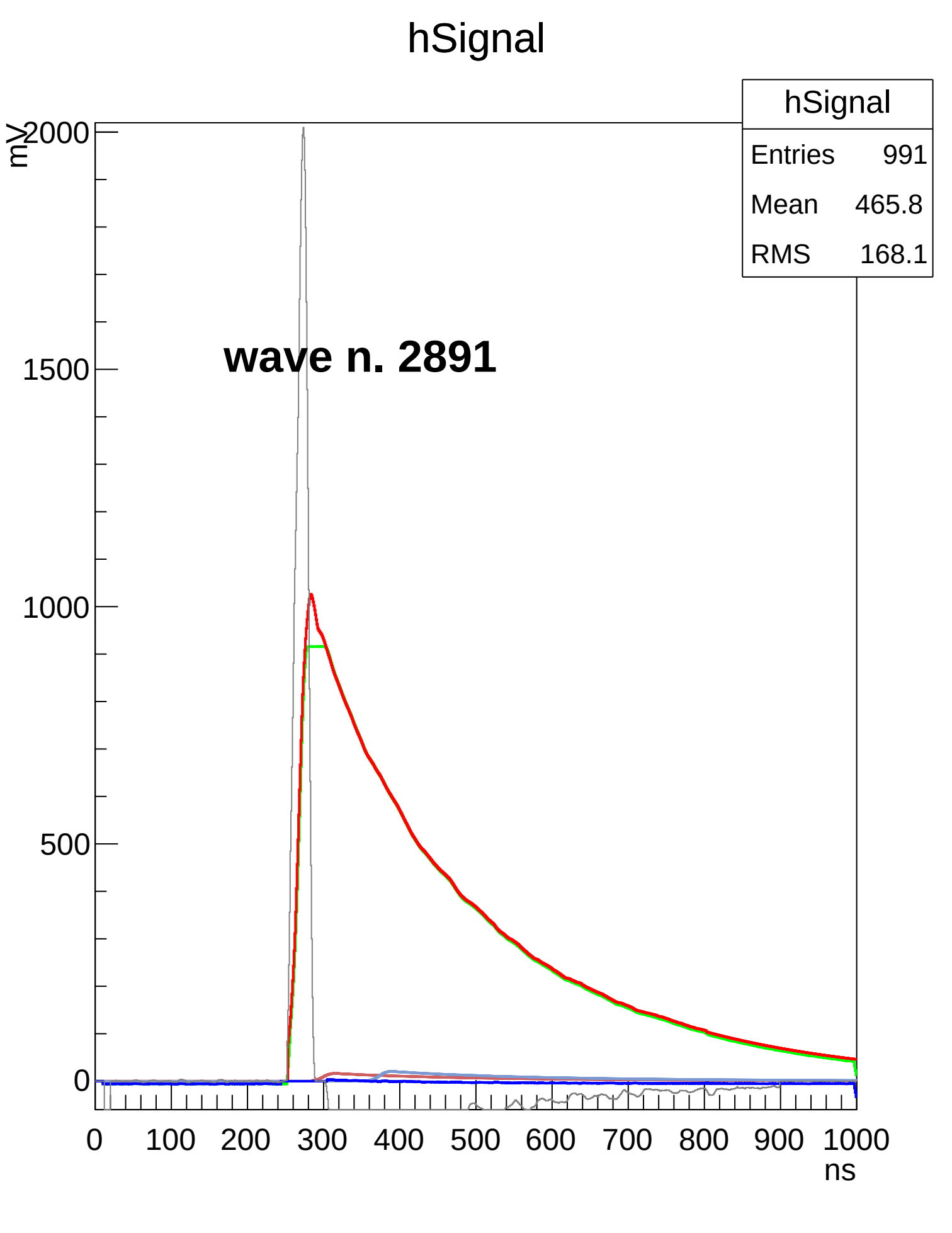
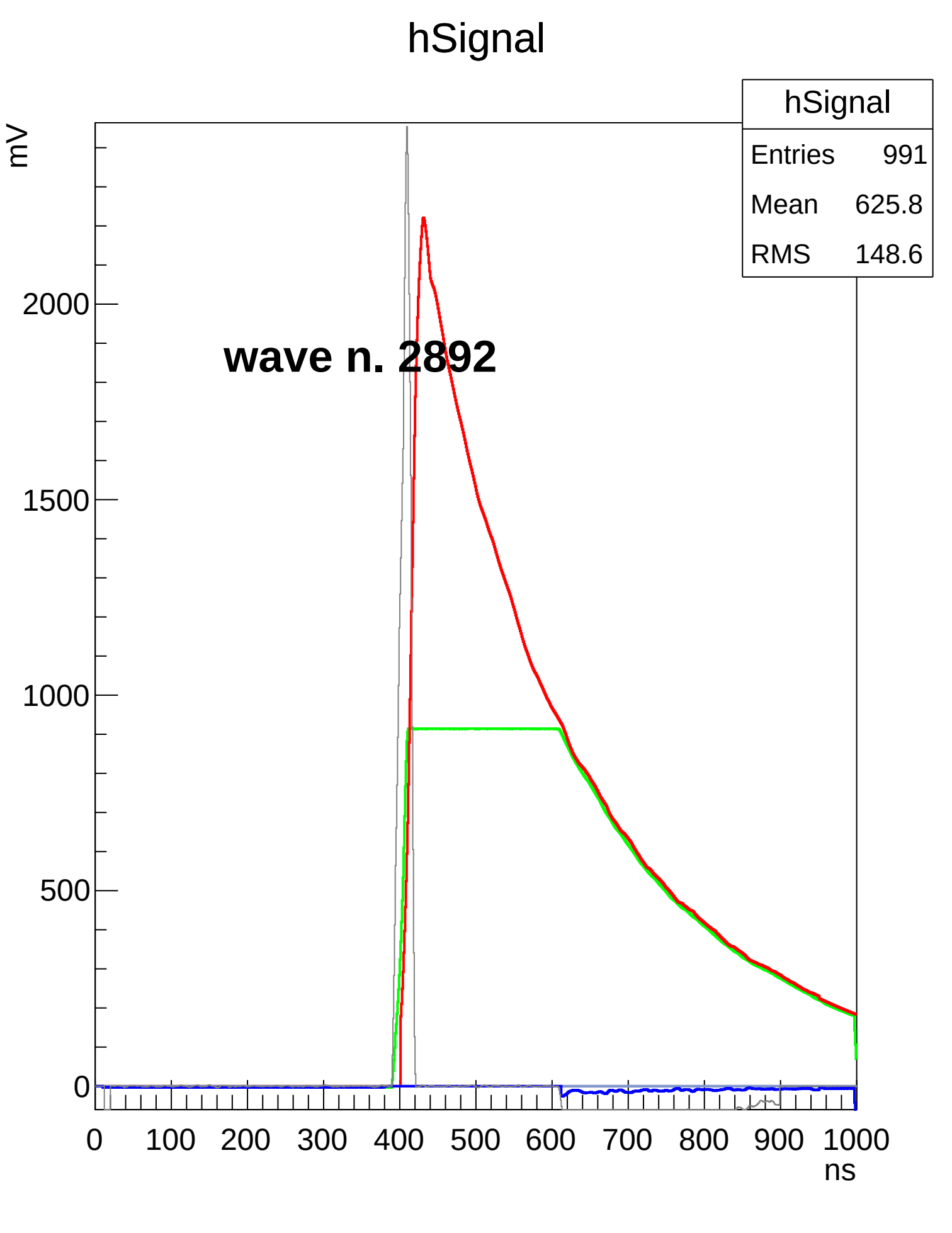
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

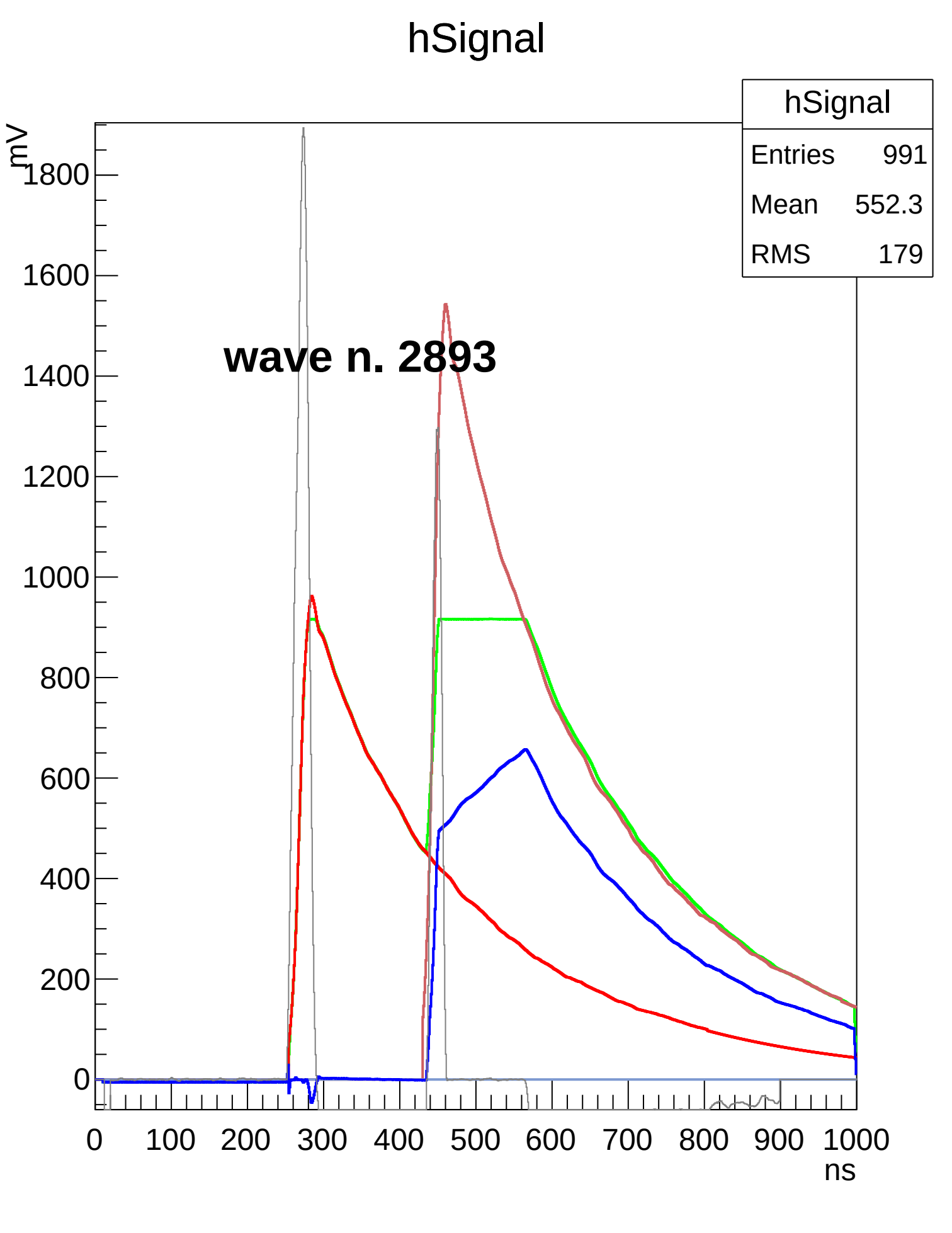

hSignal
hSignal
Entries 991
Mean 577.8
RMS 160.2
wave n. 2888
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

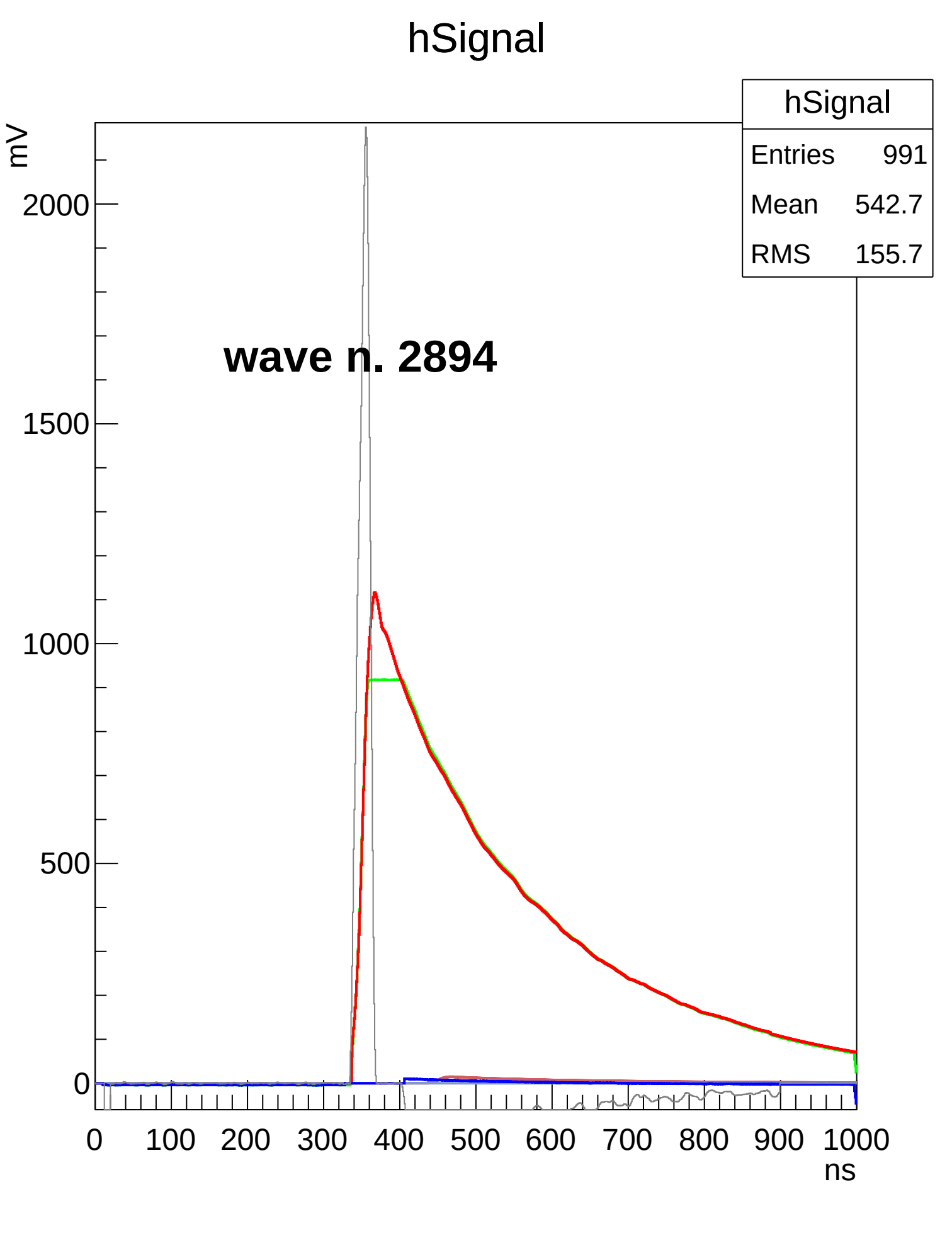

hSignal
hSignal
Entries 991
Mean 471.4
RMS 181.3
wave n. 2889
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 517
RMS 195.5
wave n. 2890
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 465.8
RMS 168.1
wave n. 2891
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 625.8
RMS 148.6
wave n. 2892
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.3
RMS 179
wave n. 2893
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.7
RMS 155.7
wave n. 2894
mV
2000
1500
1000
500
0
0
100
200
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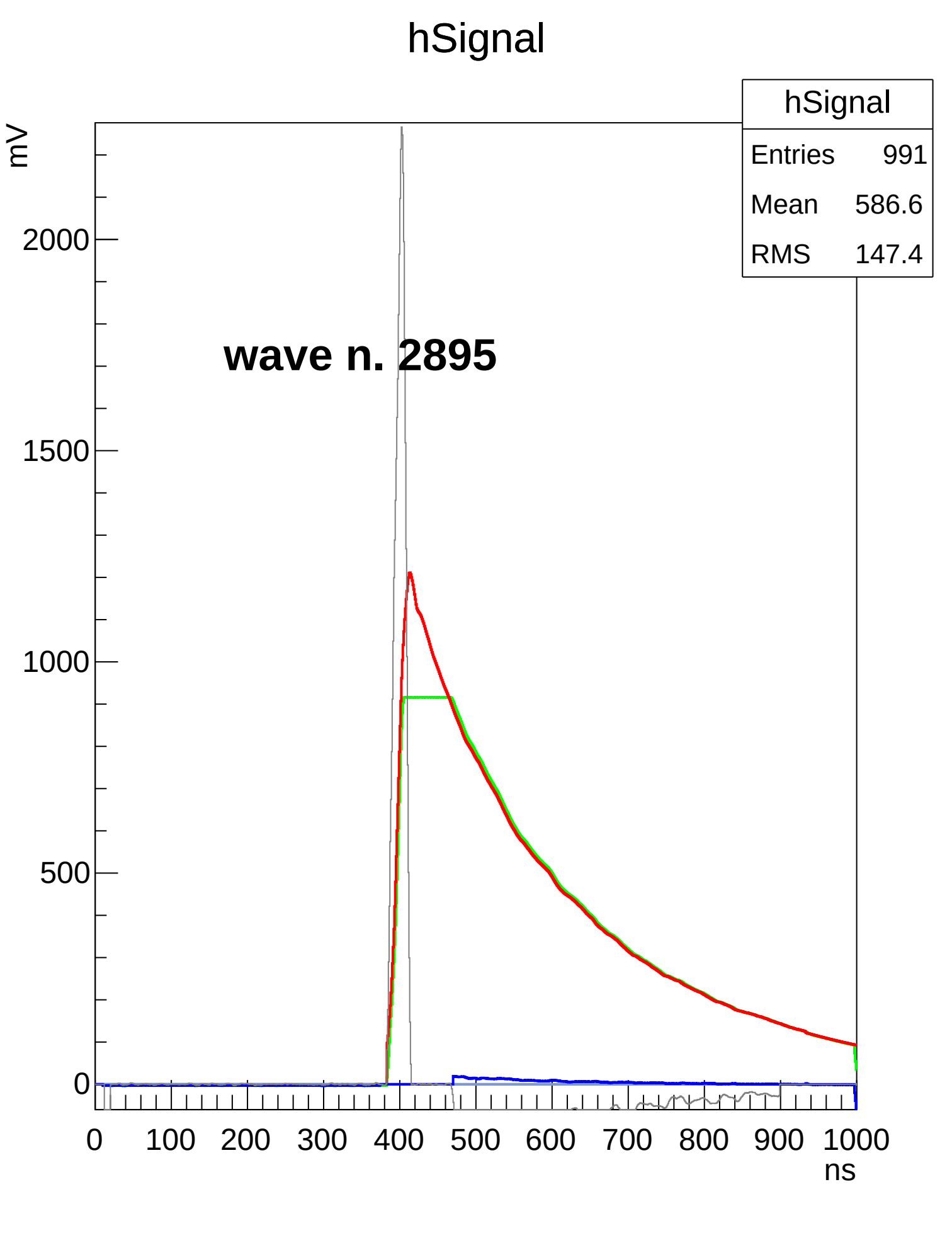
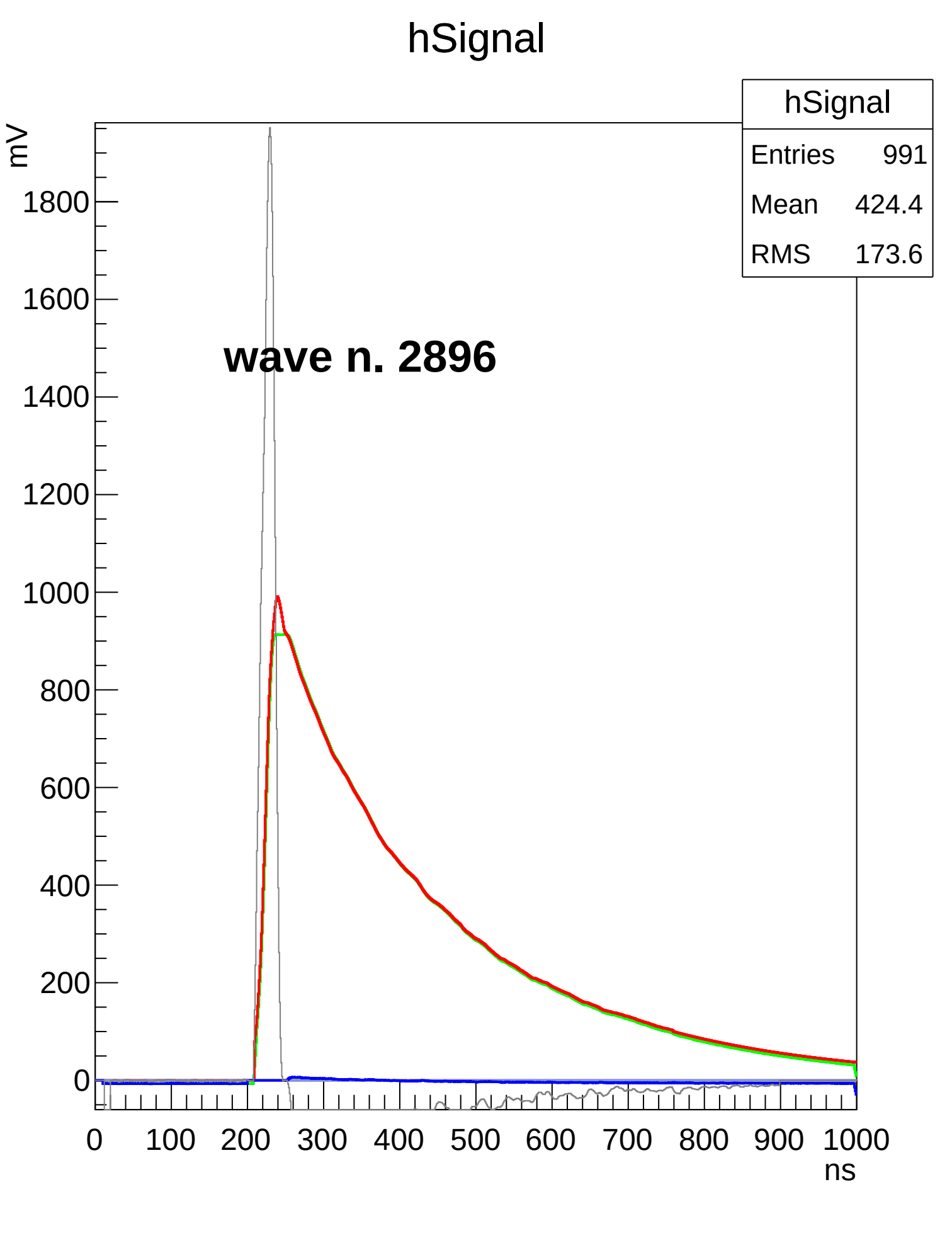
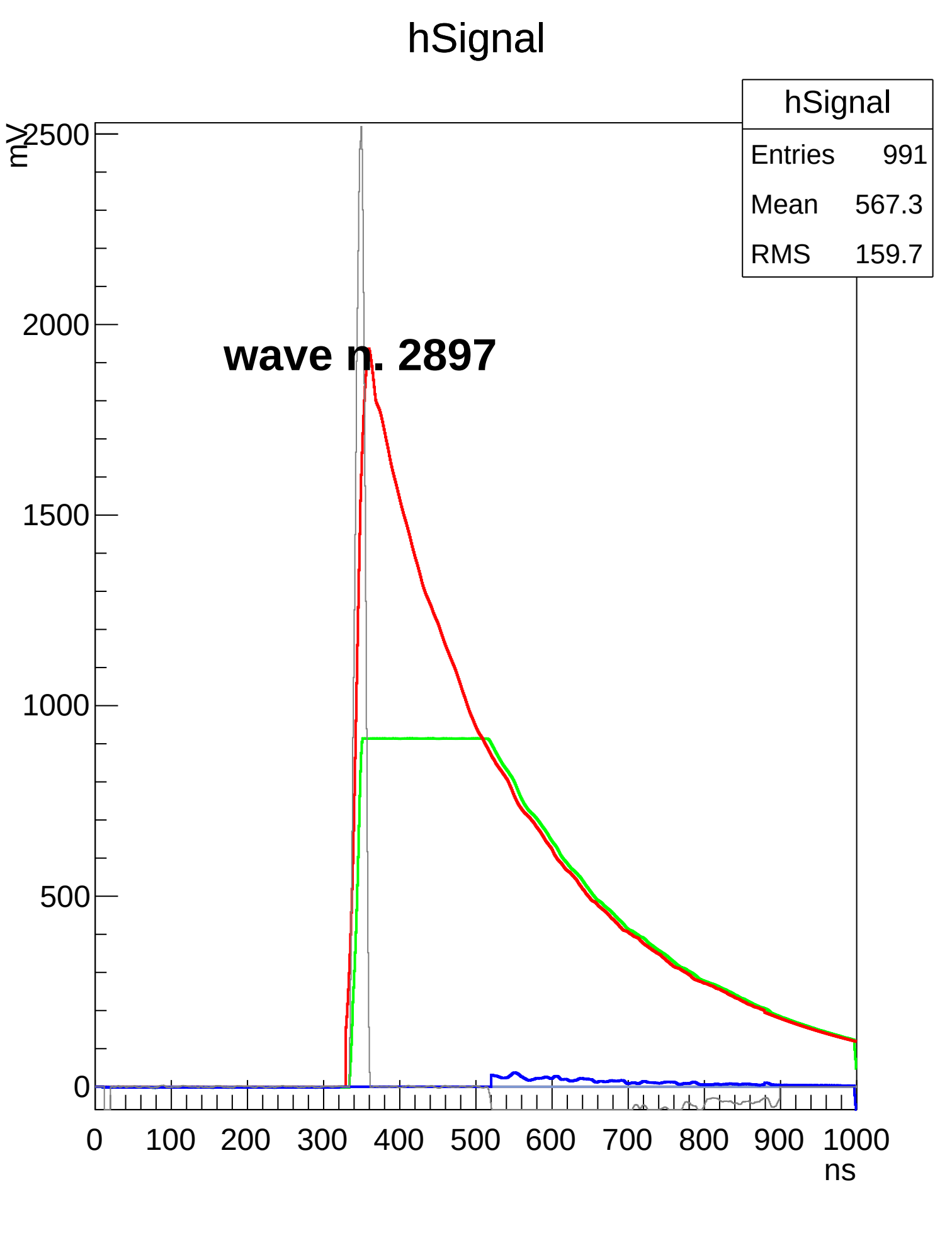
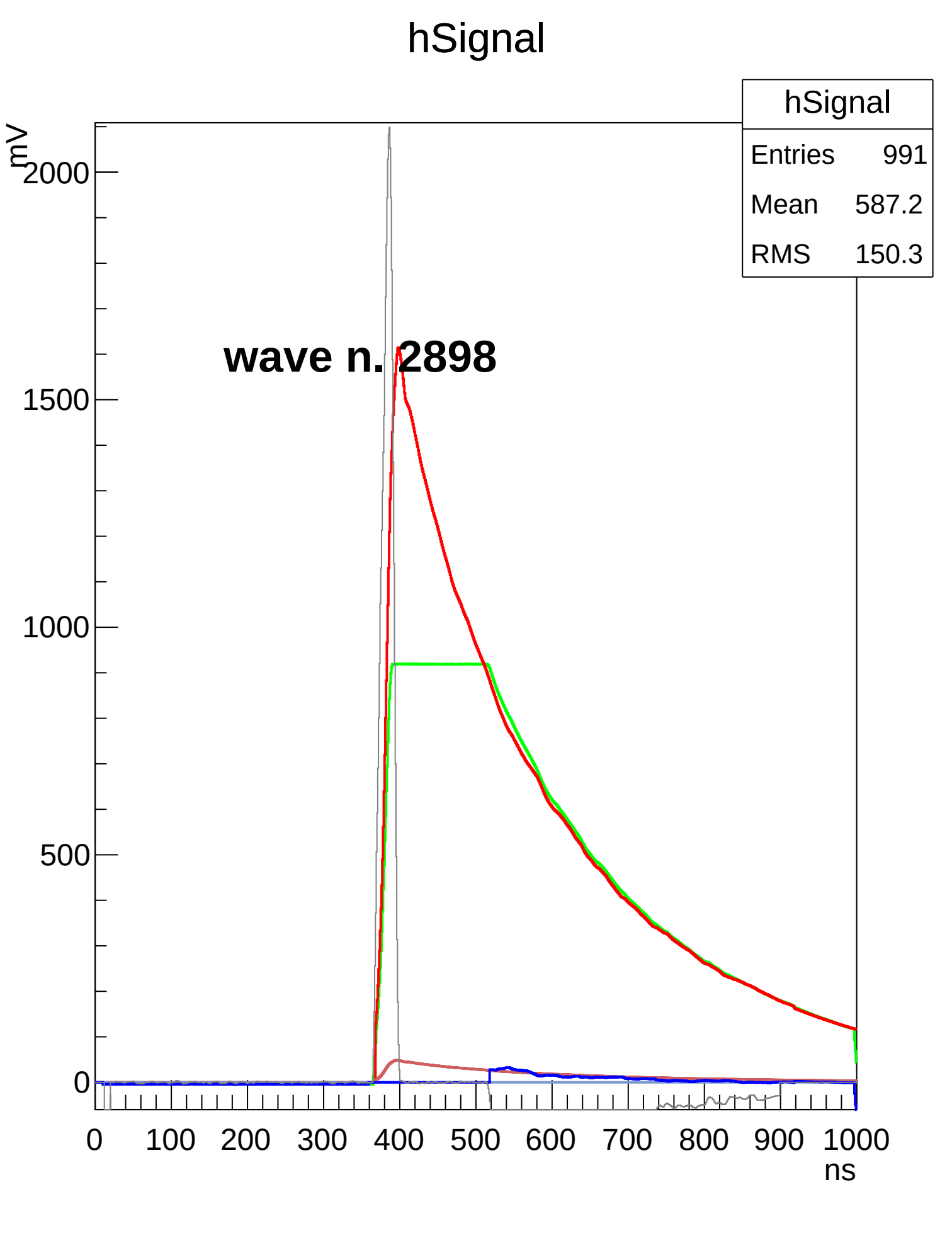
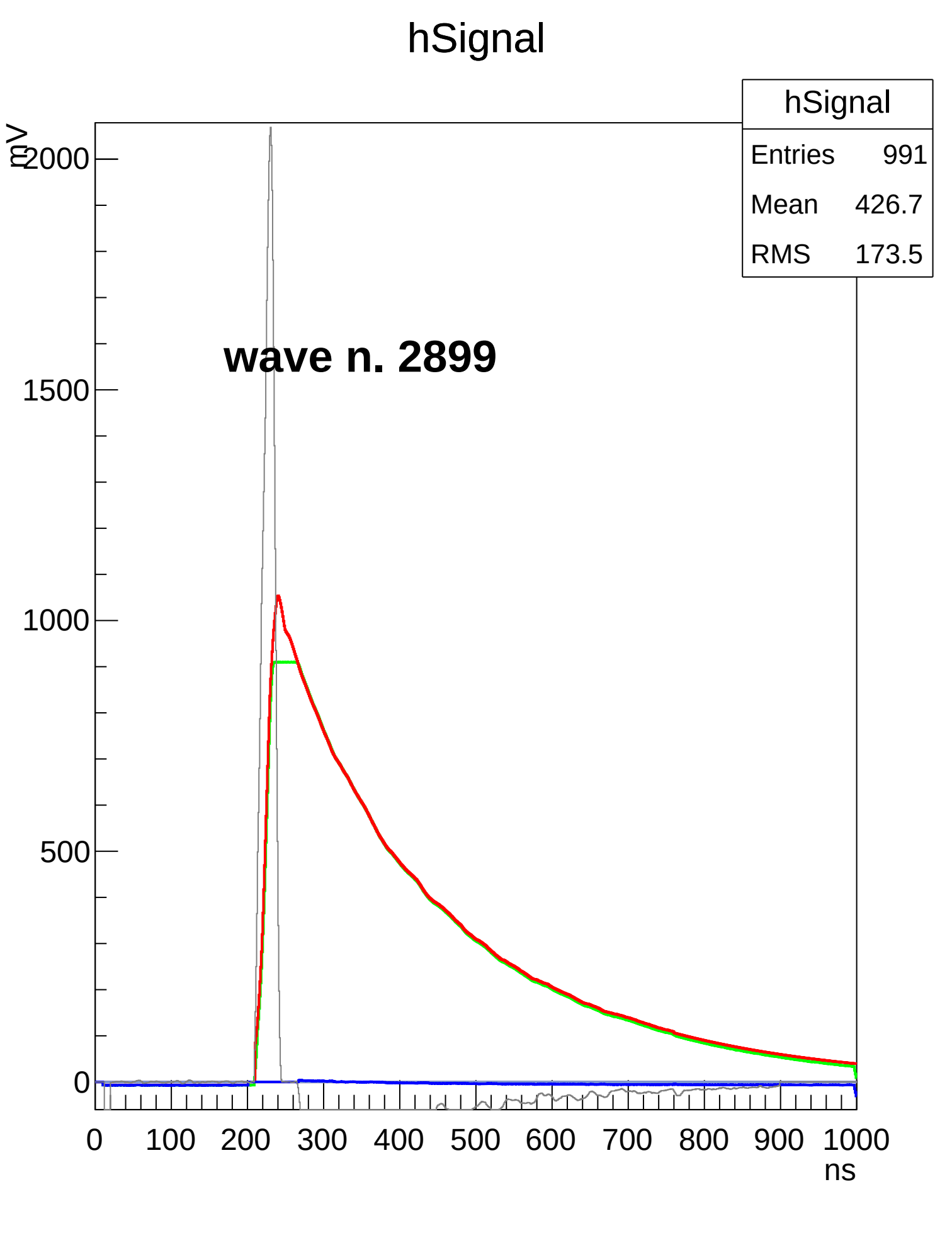
400
500
600
700
800
900
1000
ns

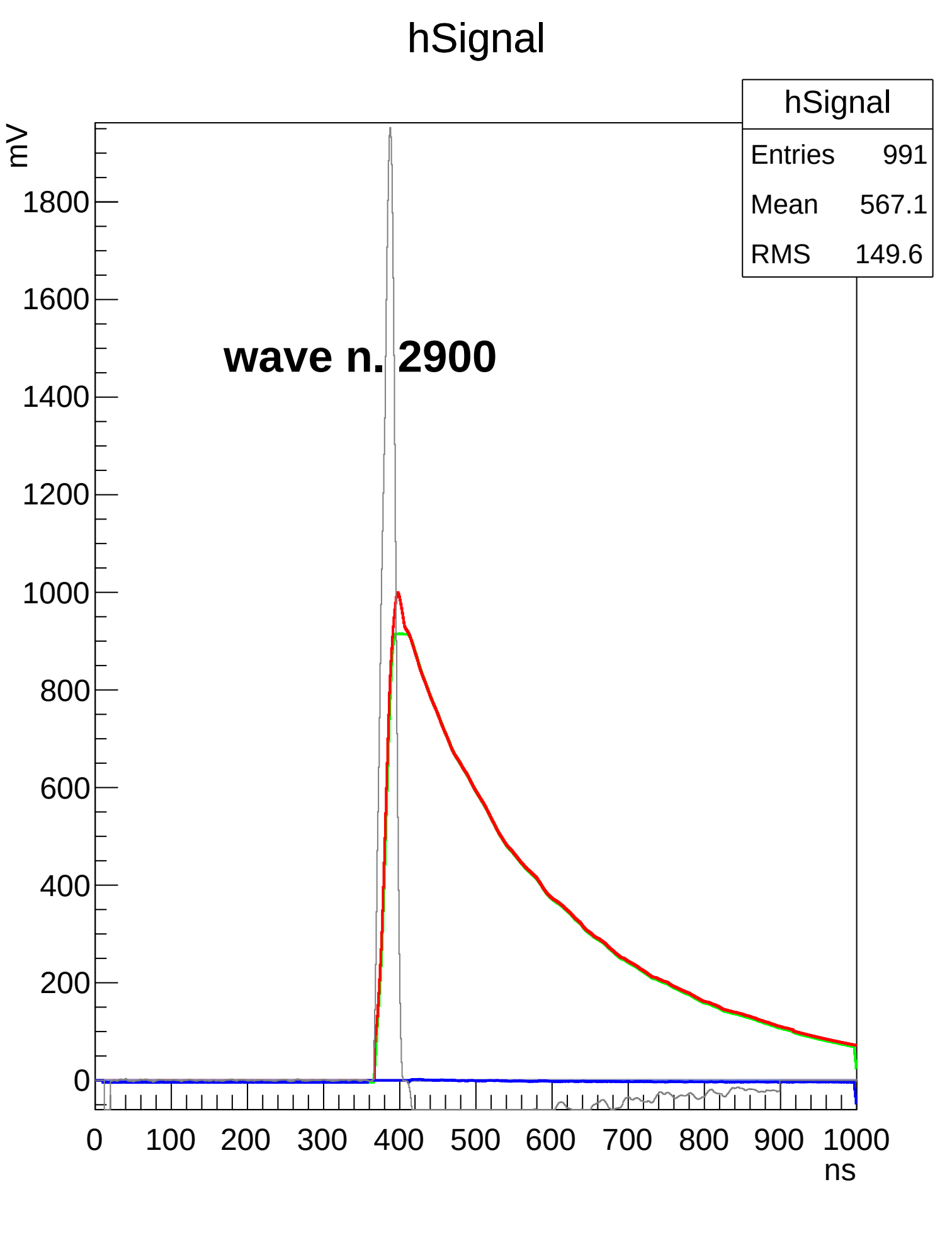

hSignal
hSignal
Entries 991
Mean 586.6
RMS 147.4
wave n. 2895
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

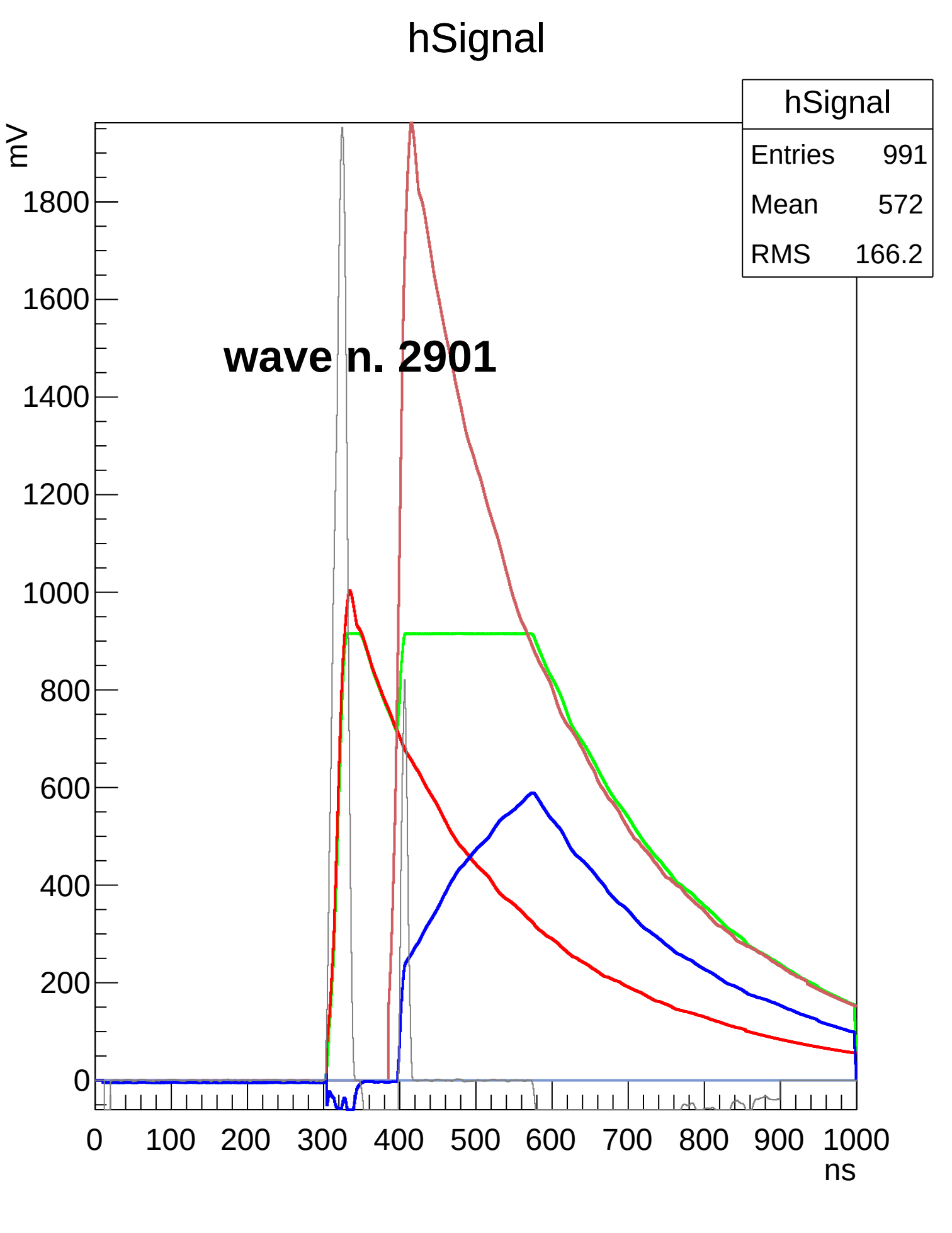

hSignal
hSignal
Entries 991
Mean 424.4
RMS 173.6
wave n. 2896
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

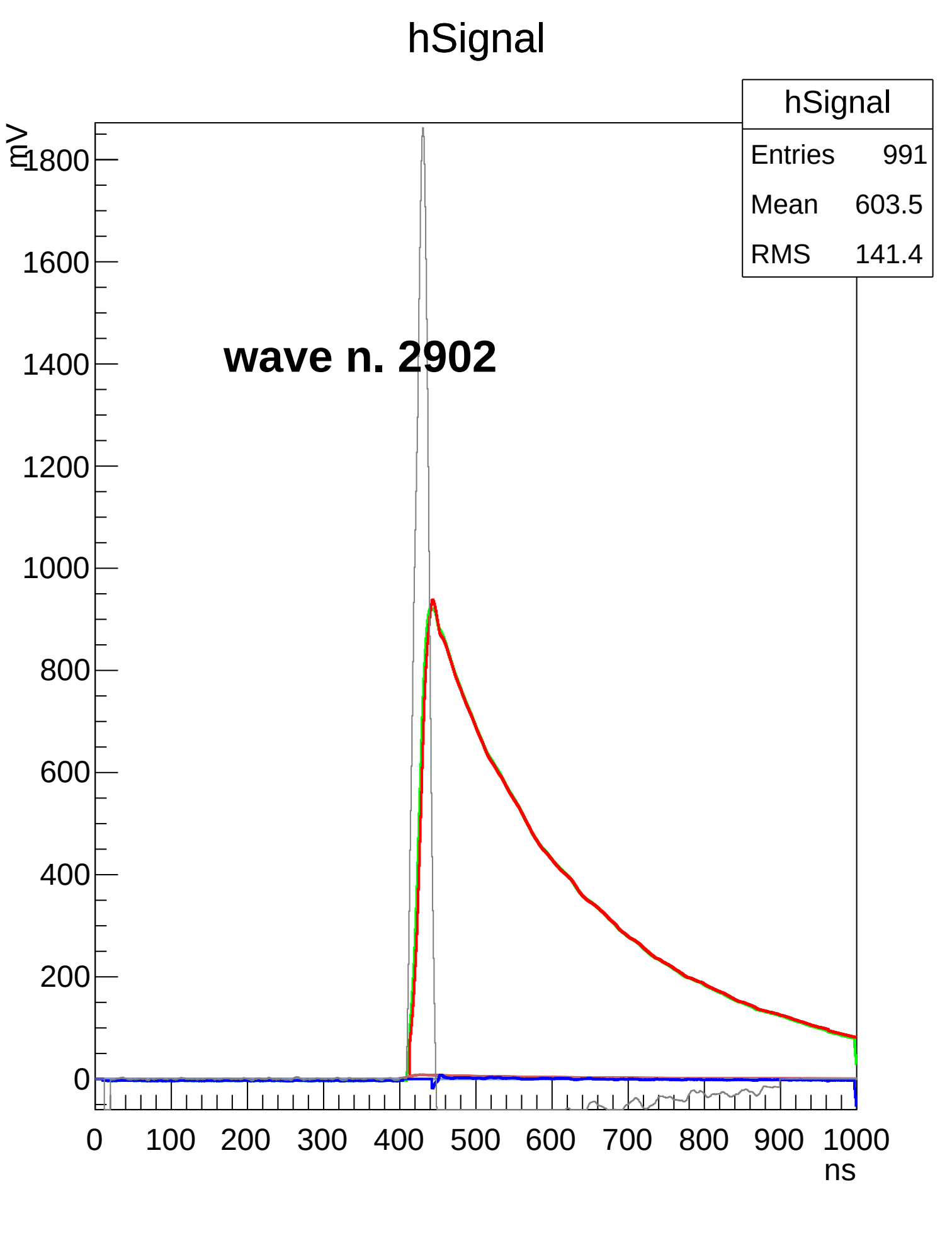

hSignal
hSignal
Entries 991
Mean 567.3
RMS 159.7
wave n. 2897
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

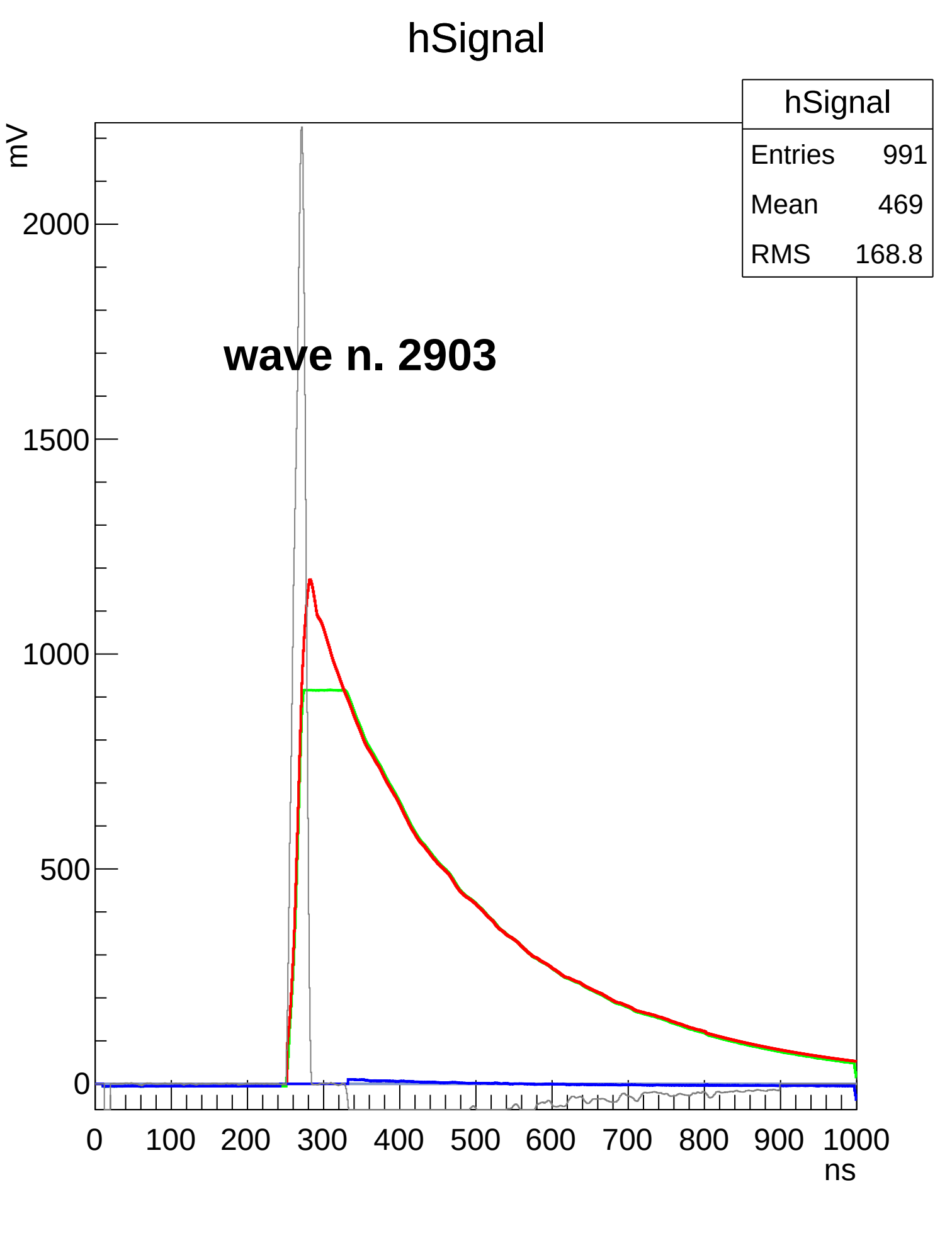

hSignal
hSignal
Entries 991
Mean 587.2
RMS 150.3
wave n. 2898
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

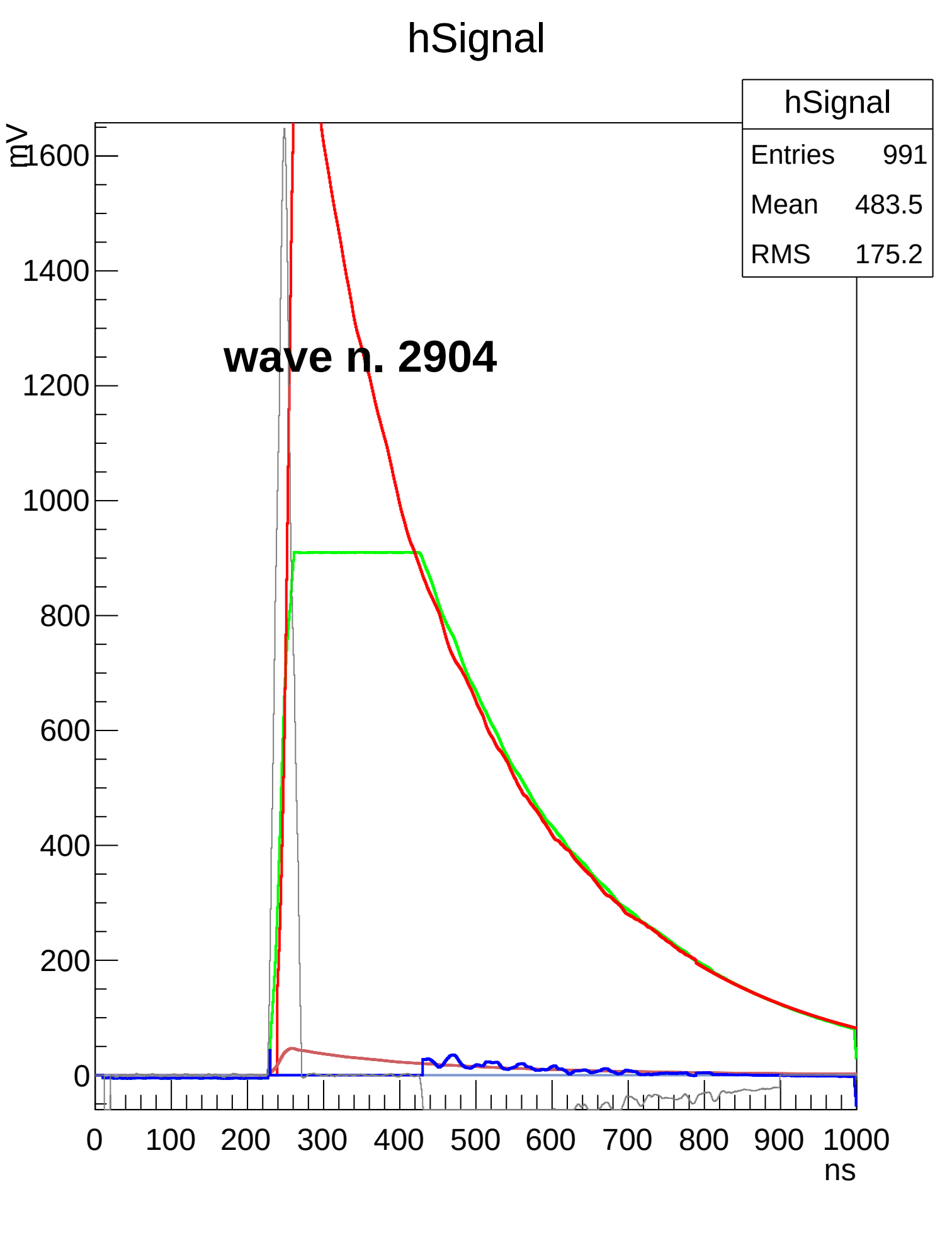

hSignal
hSignal
Entries 991
Mean 426.7
RMS 173.5
wave n. 2899
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

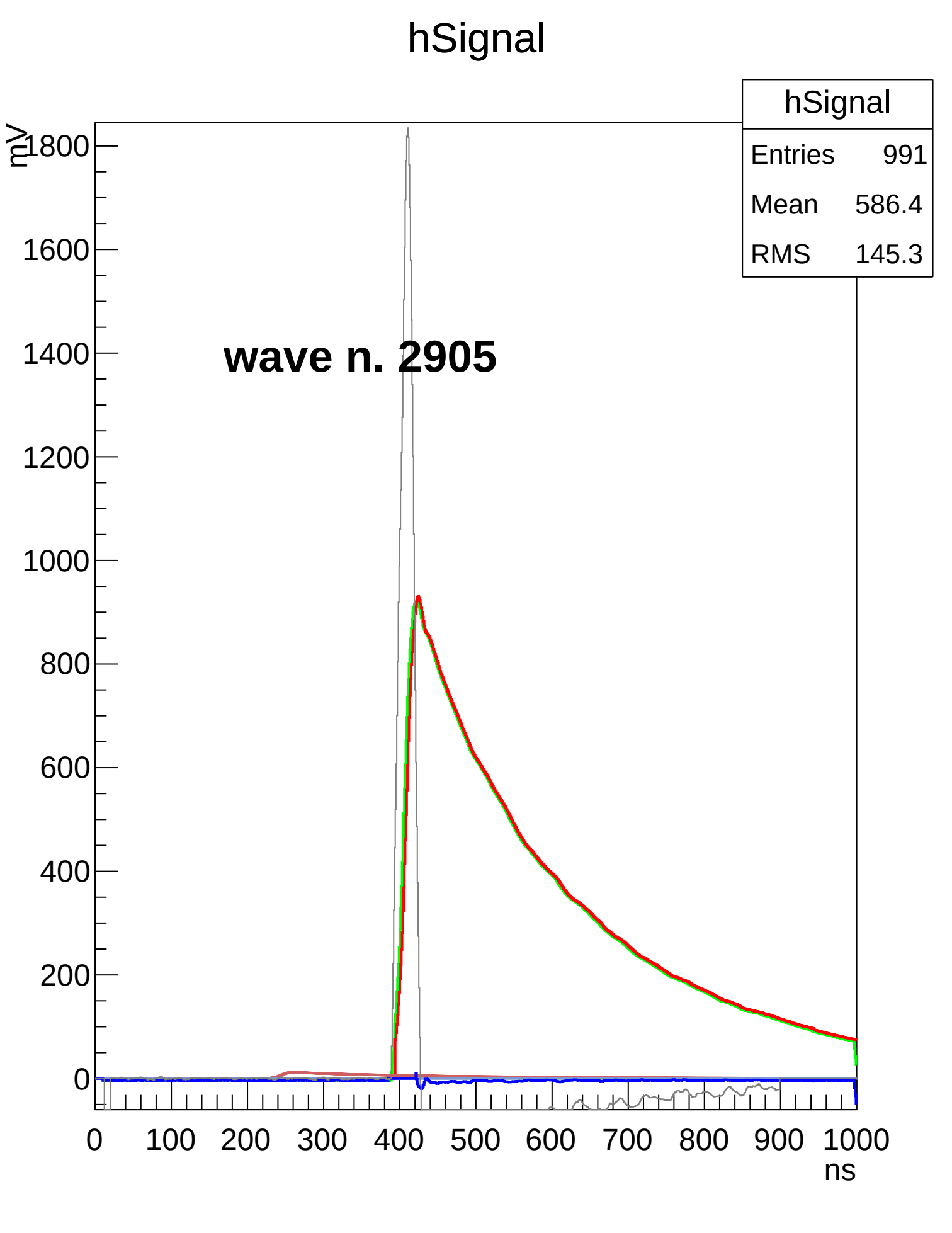

hSignal
hSignal
Entries 991
Mean 567.1
RMS 149.6
wave n. 2900
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

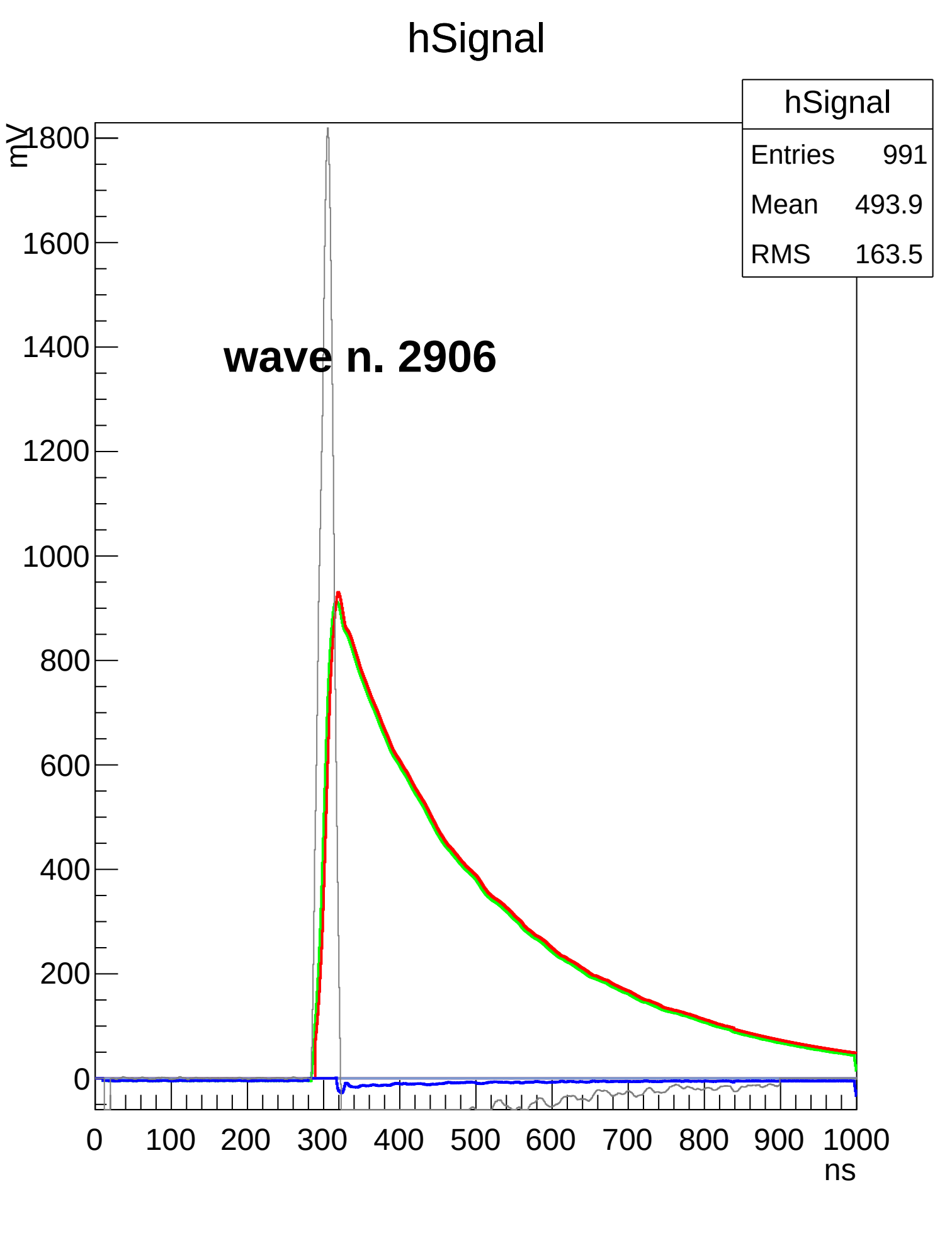

hSignal
hSignal
Entries 991
Mean 572
RMS 166.2
wave n. 2901
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

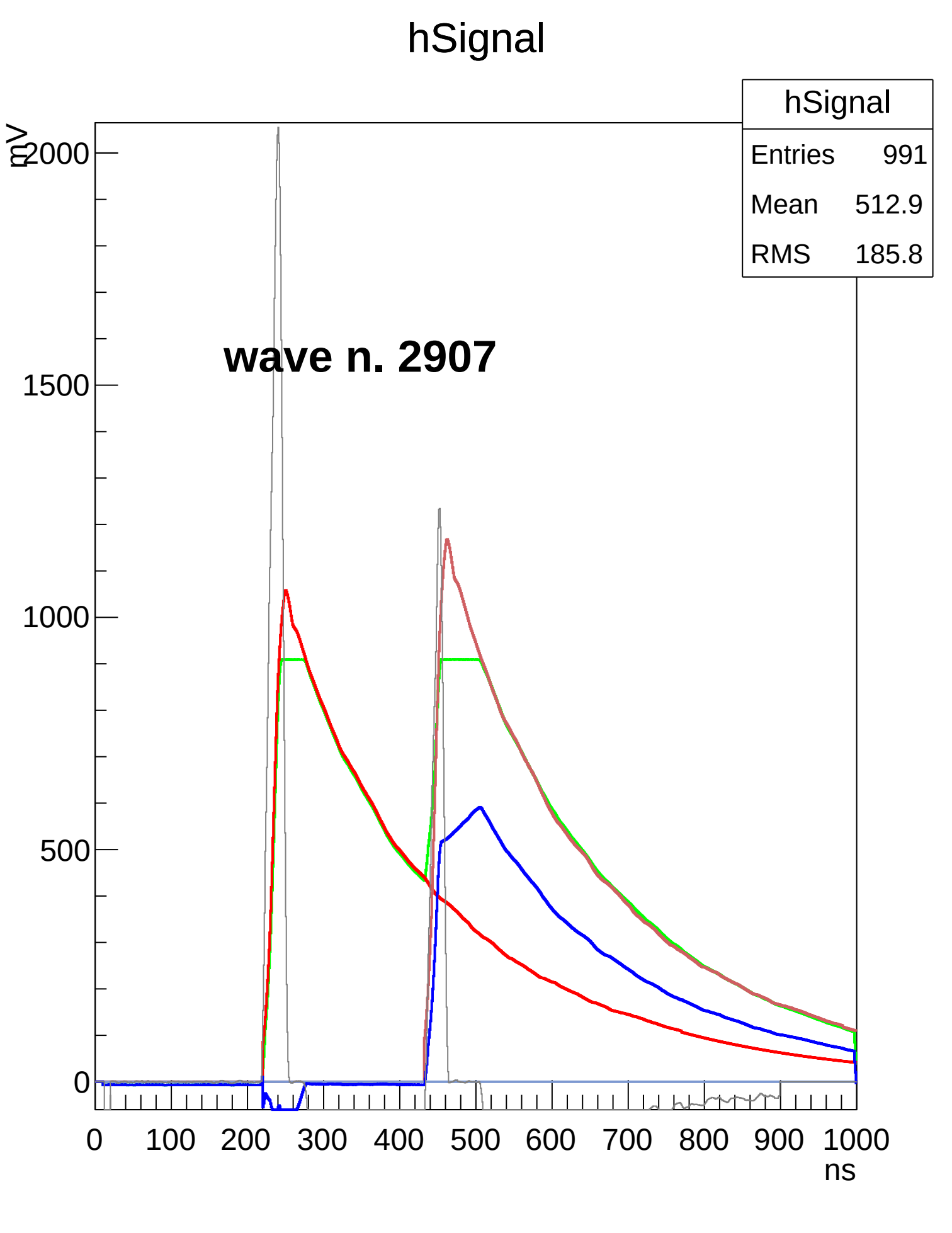

hSignal
hSignal
Entries 991
Mean 603.5
RMS 141.4
wave n. 2902
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

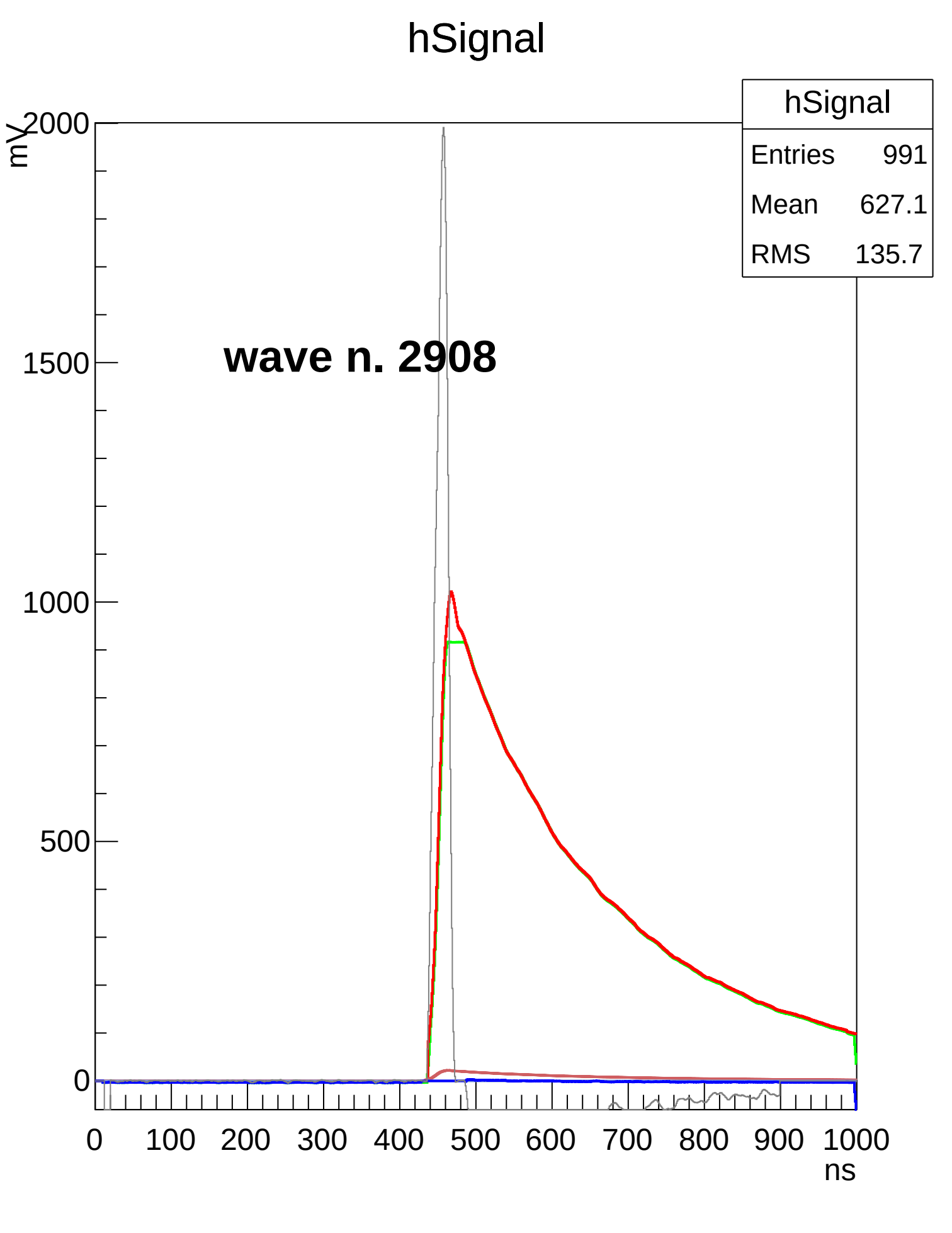

hSignal
hSignal
Entries 991
Mean 469
RMS 168.8
wave n. 2903
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

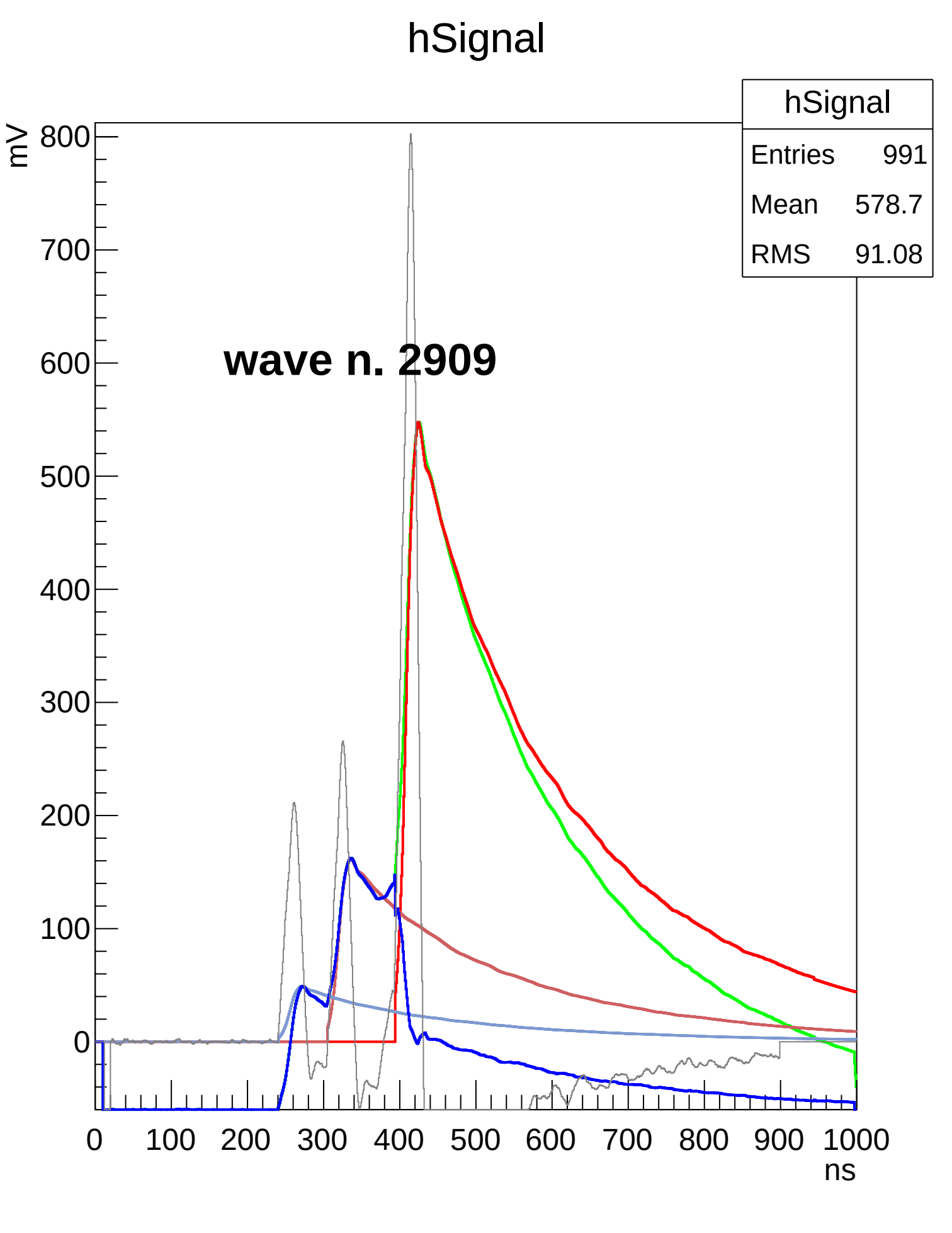

hSignal
hSignal
Entries 991
Mean 483.5
RMS 175.2
wave n. 2904
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

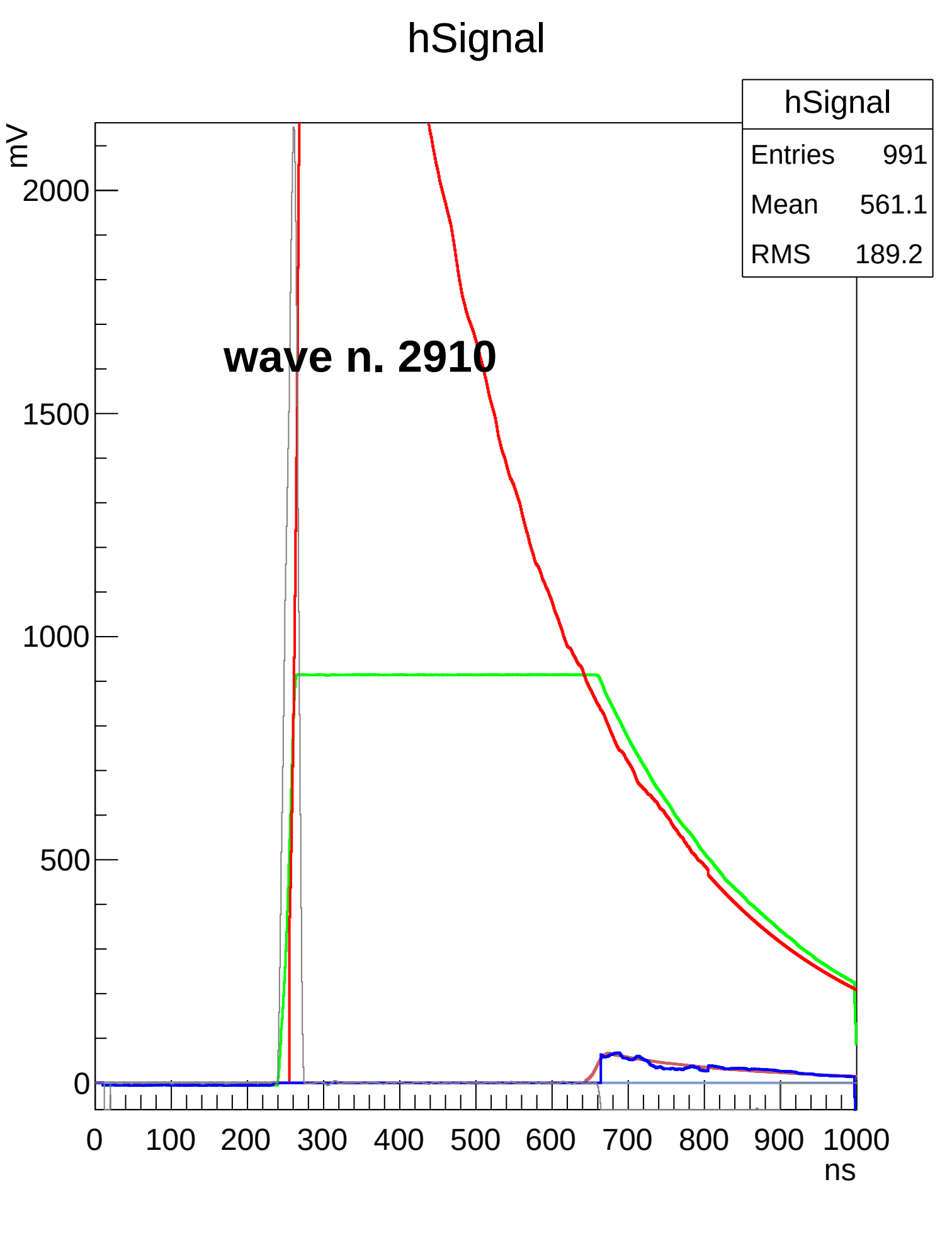

hSignal
hSignal
Entries 991
Mean 586.4
RMS 145.3
wave n. 2905
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

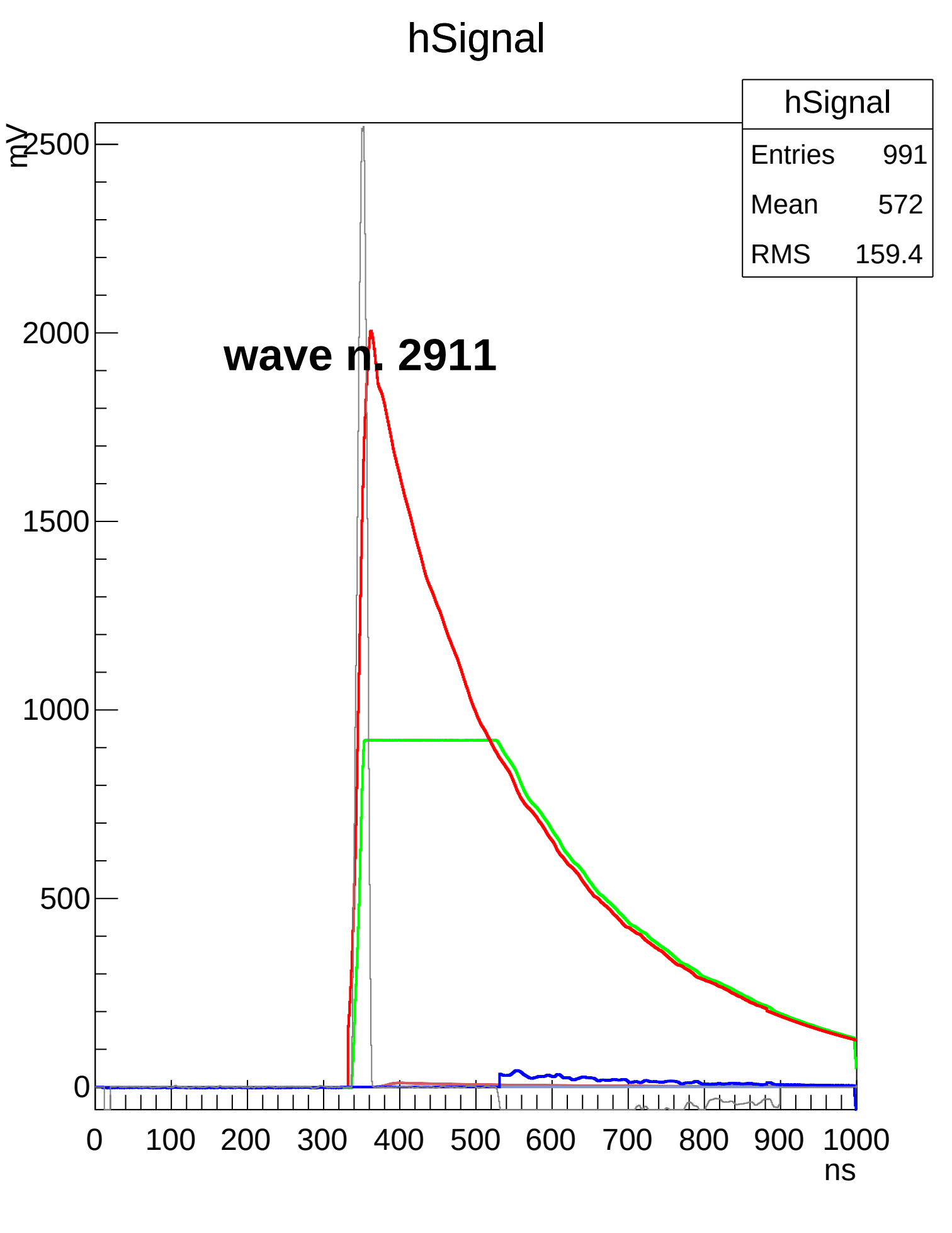

hSignal
hSignal
Entries 991
Mean 493.9
RMS 163.5
wave n. 2906
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

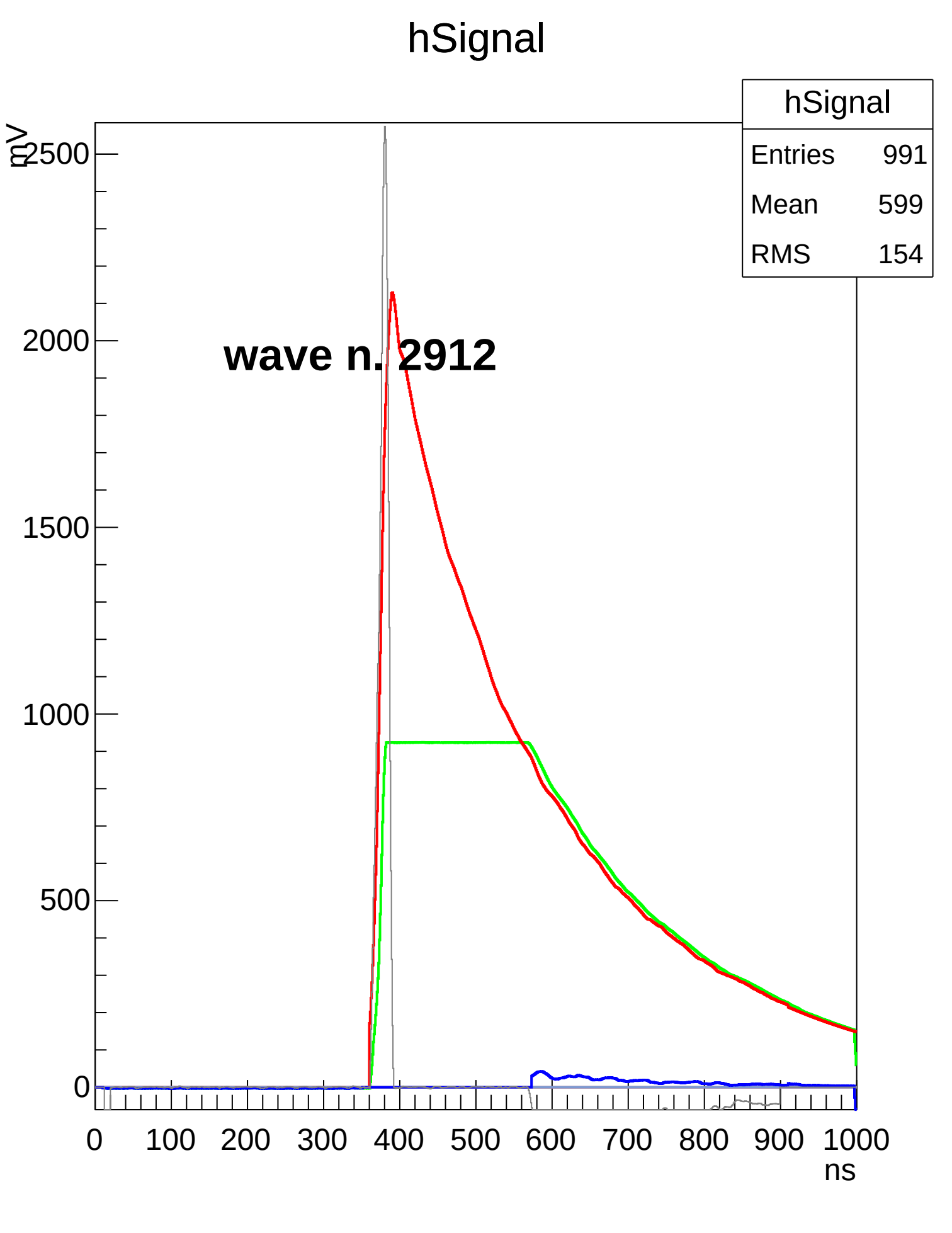

hSignal
hSignal
Entries 991
Mean 512.9
RMS 185.8
wave n. 2907
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 627.1
RMS 135.7
wave n. 2908
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578.7
RMS 91.08
wave n. 2909
mV
800
700
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.1
RMS 189.2
wave n. 2910
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 572
RMS 159.4
wave n. 2911
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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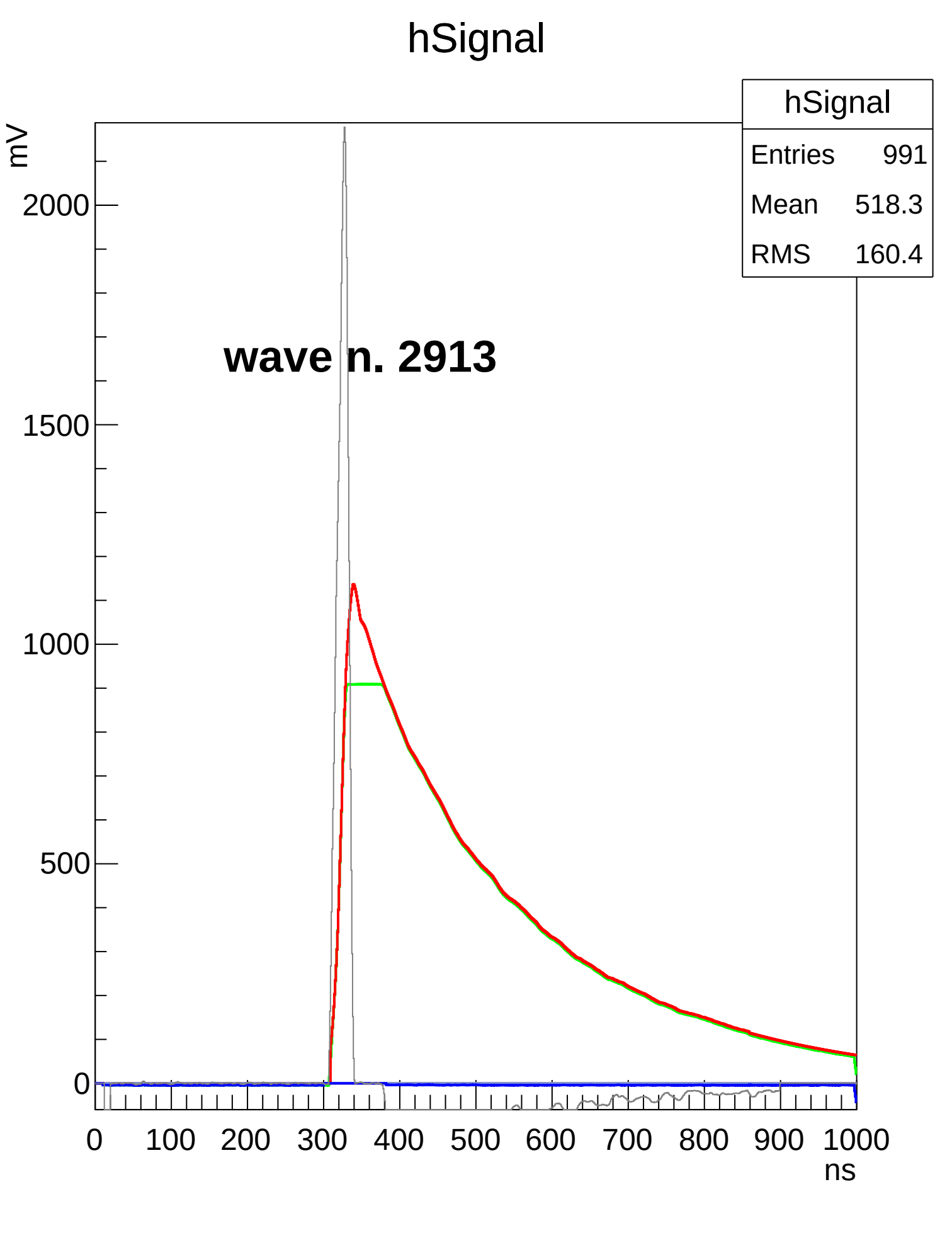
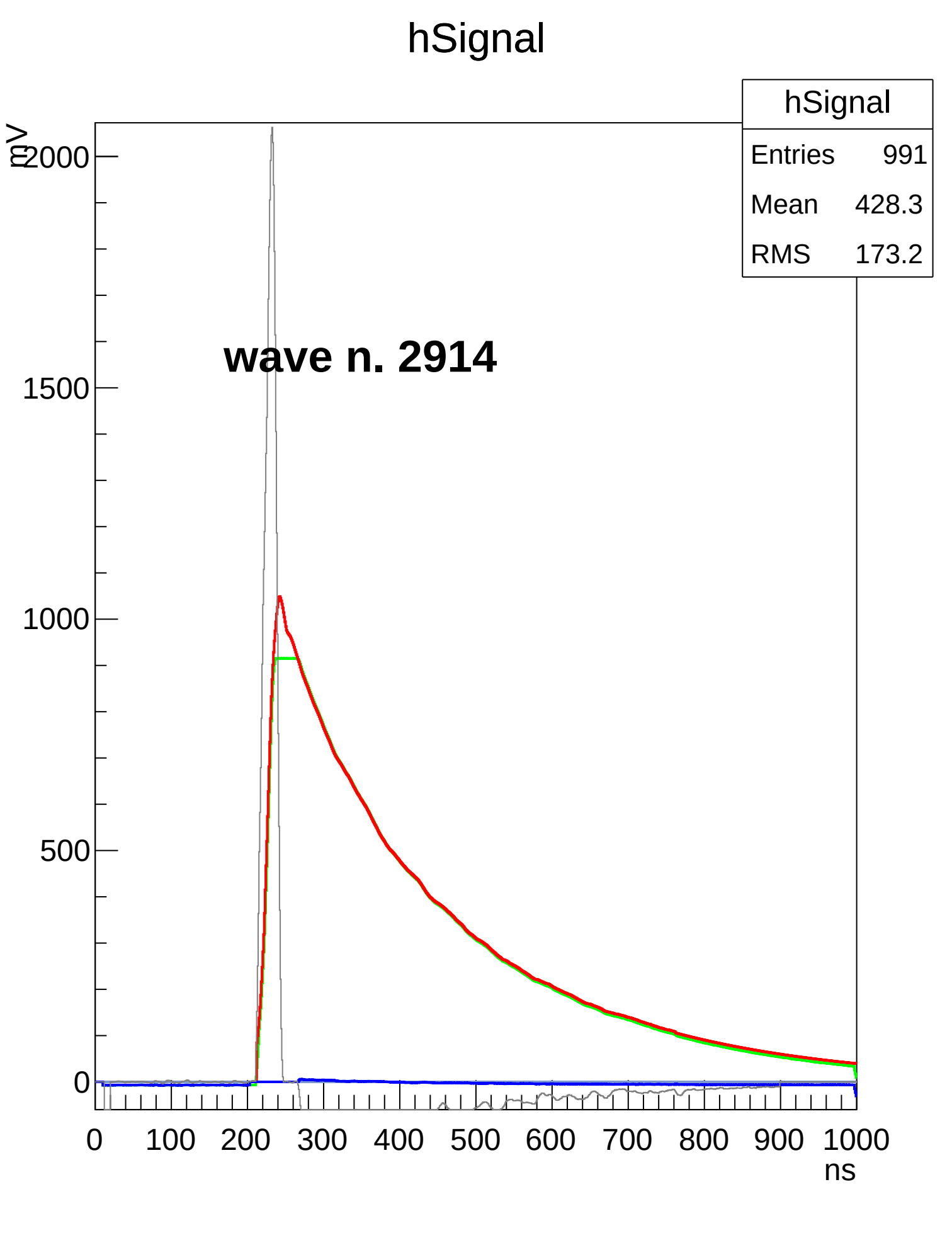
hSignal
Entries 991
Mean 599
RMS 154
wave n. 2912
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 518.3
RMS 160.4
wave n. 2913
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 428.3
RMS 173.2
wave n. 2914
mV
2000
1500
1000
500
0
0
100
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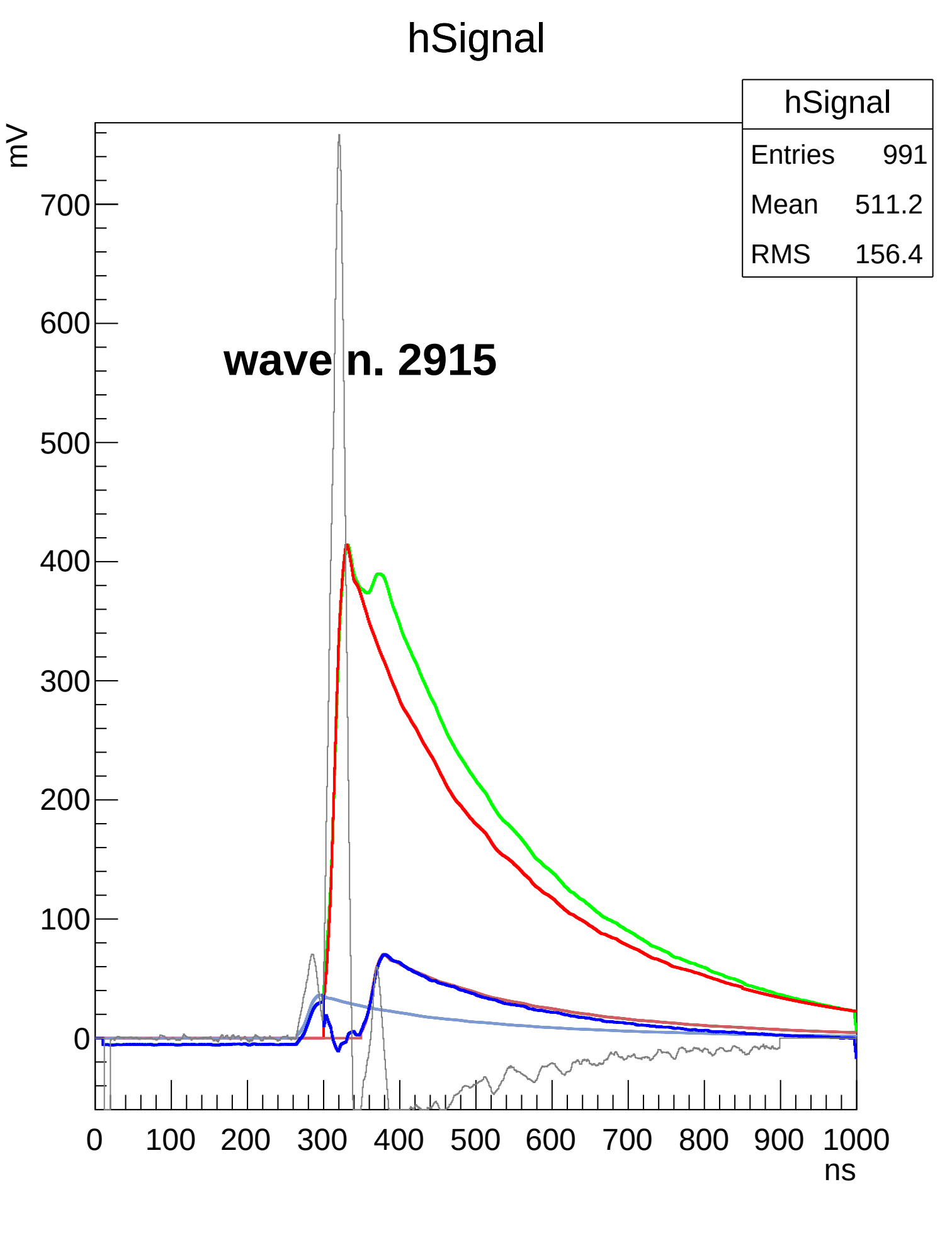
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 511.2
RMS 156.4
wave n. 2915
mV
700
600
500
400
300
200
100
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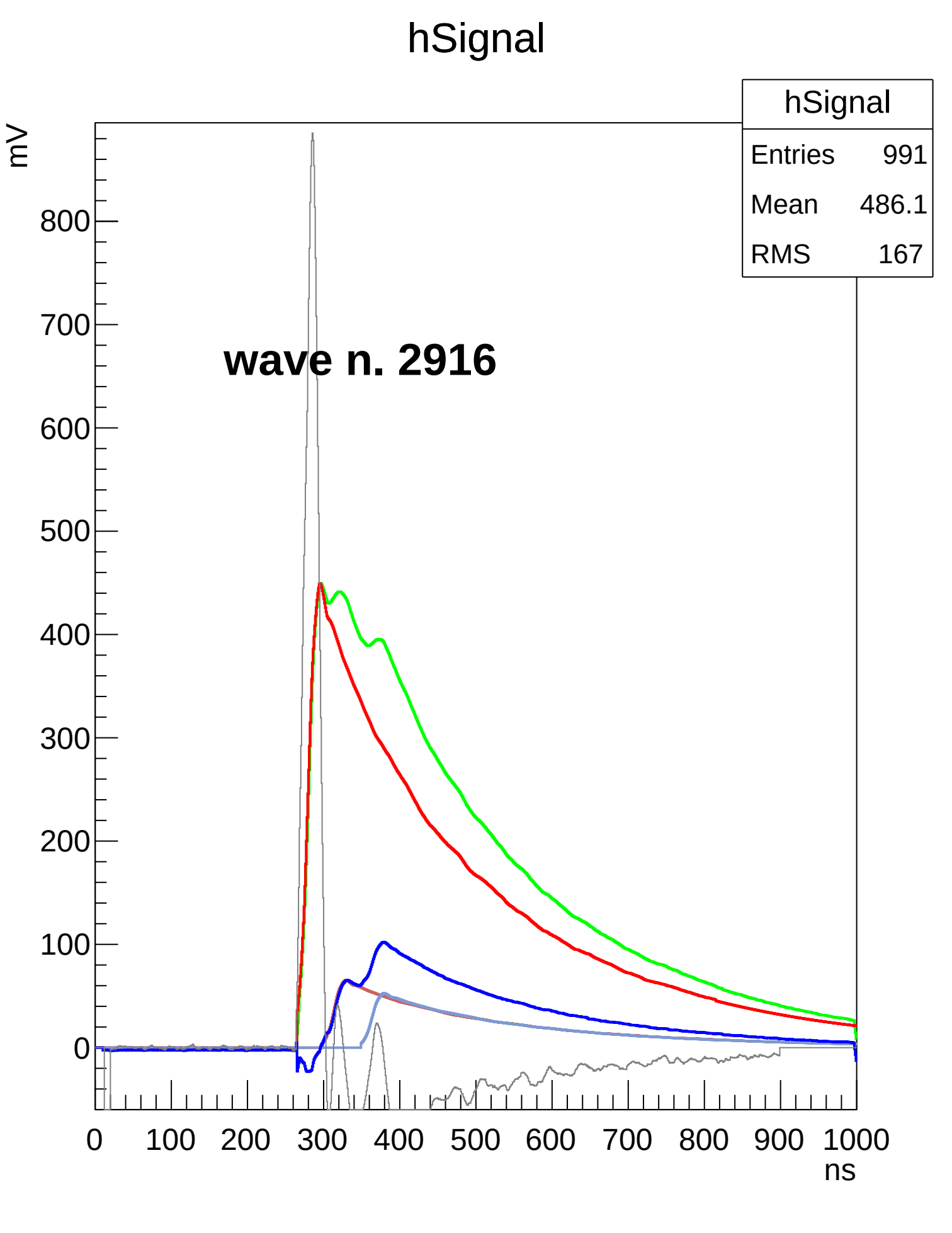
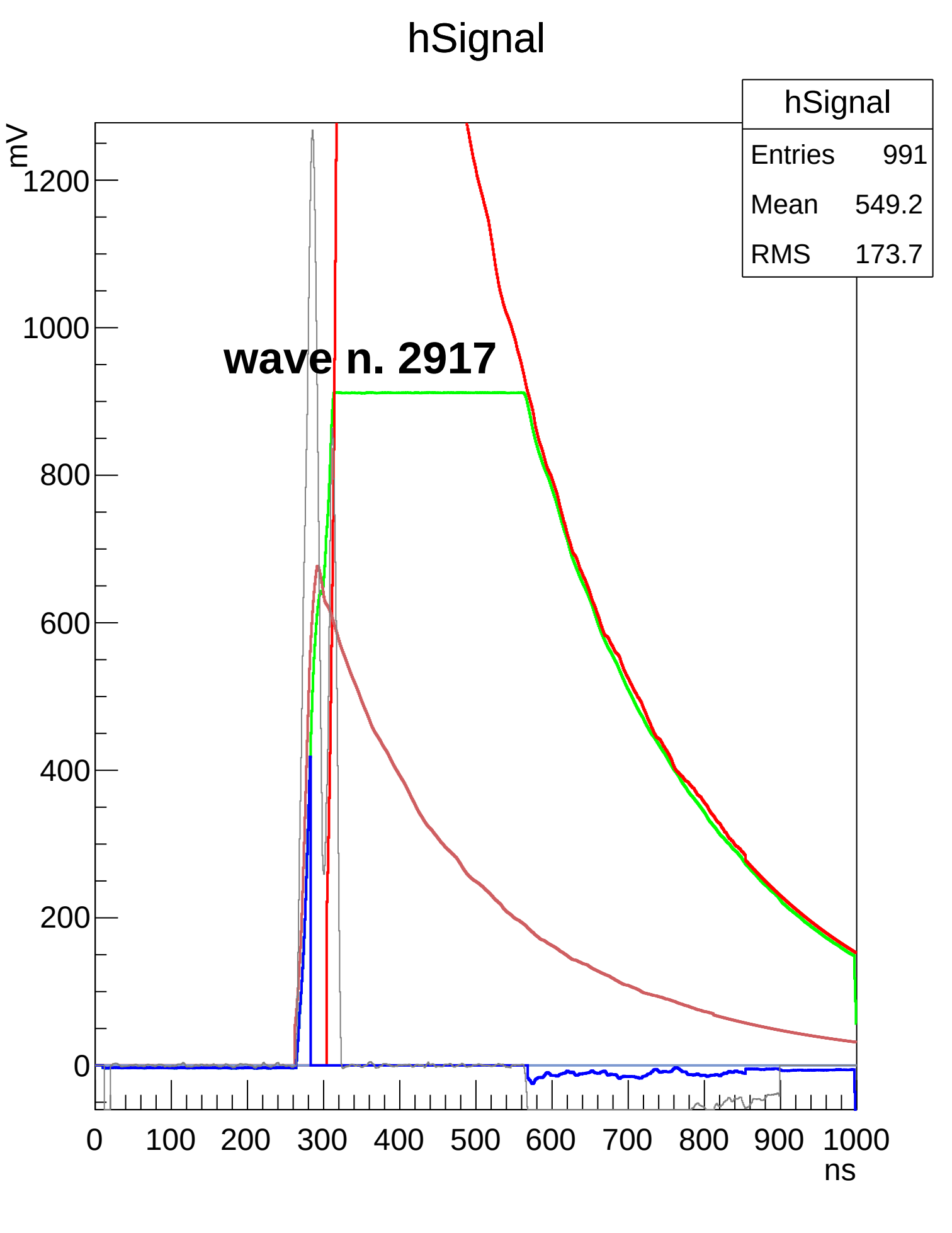
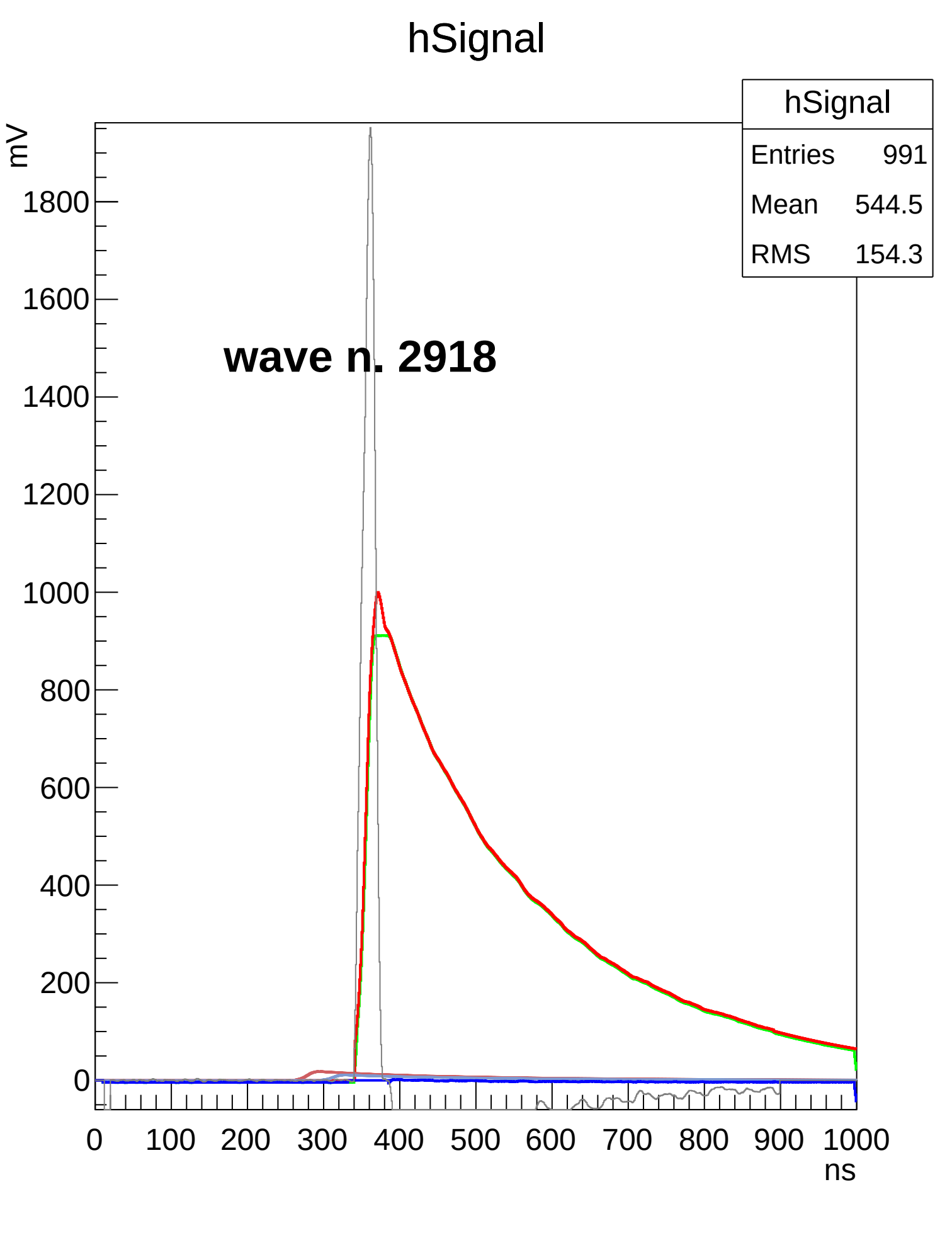
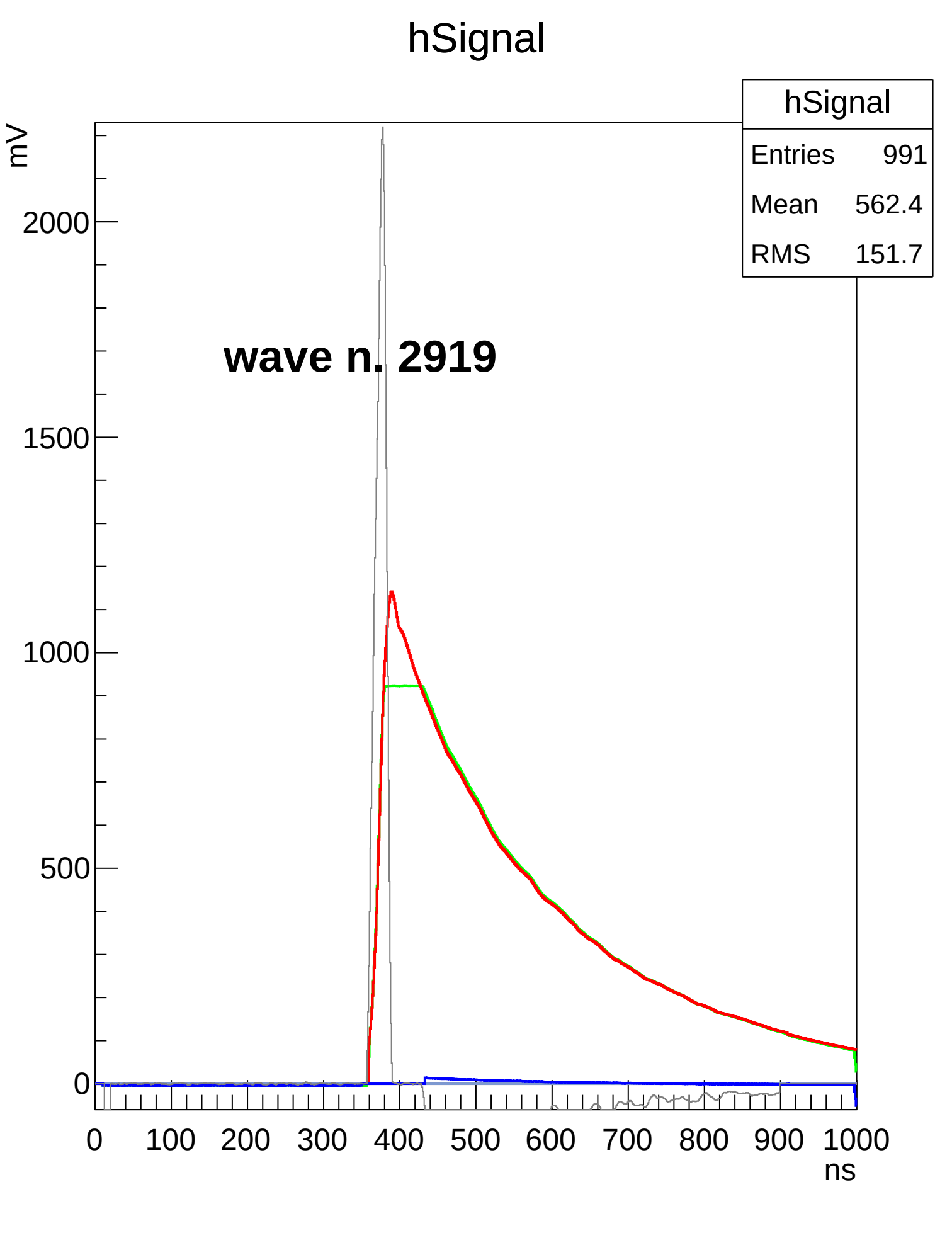
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 486.1
RMS 167
wave n. 2916
mV
800
700
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 549.2
RMS 173.7
wave n. 2917
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 544.5
RMS 154.3
wave n. 2918
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 562.4
RMS 151.7
wave n. 2919
mV
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1500
1000
500
0
0
100
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400
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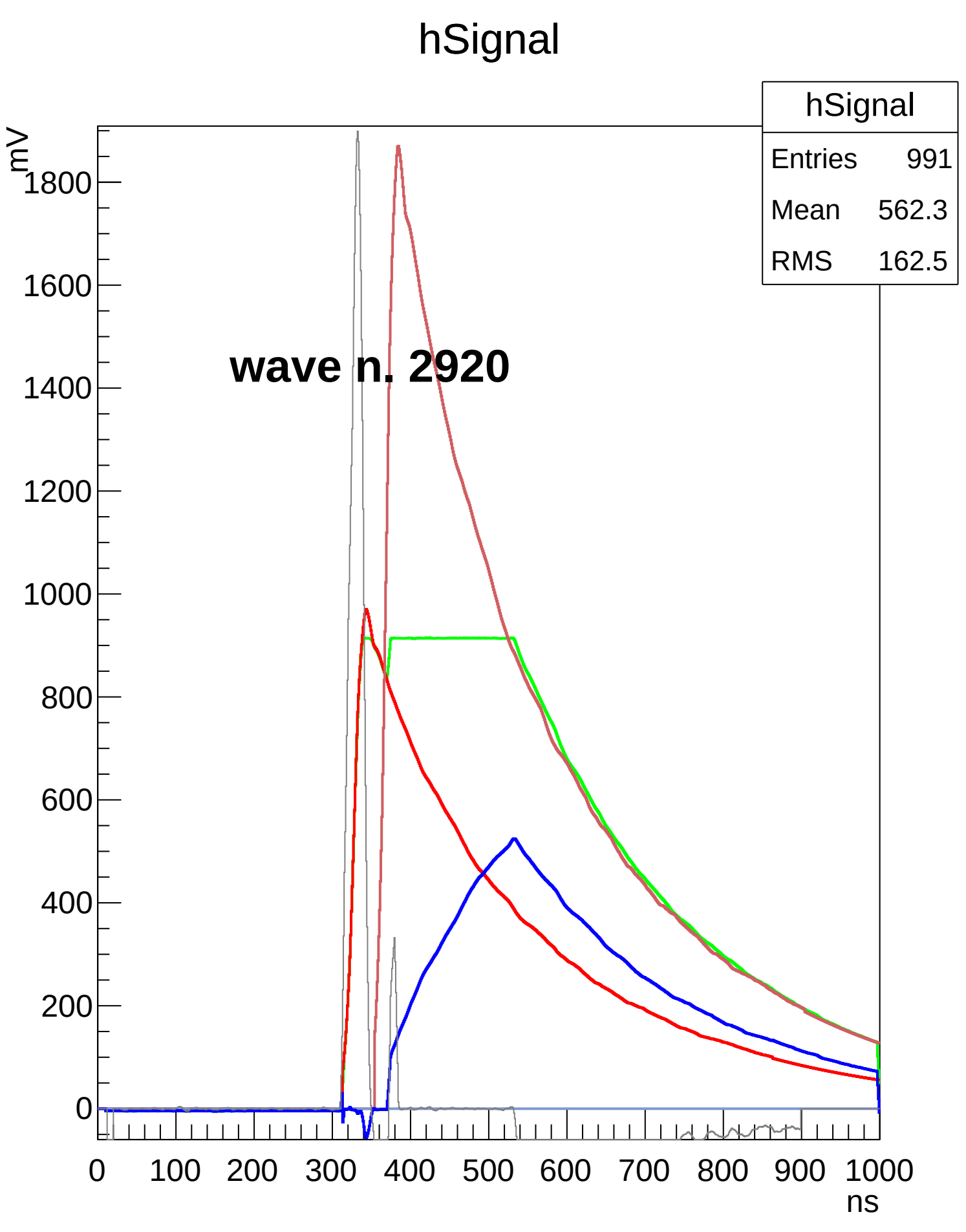
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 562.3
RMS 162.5
wave n. 2920
mV
1800
1600
1400
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400
200
0
0
100
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400
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700
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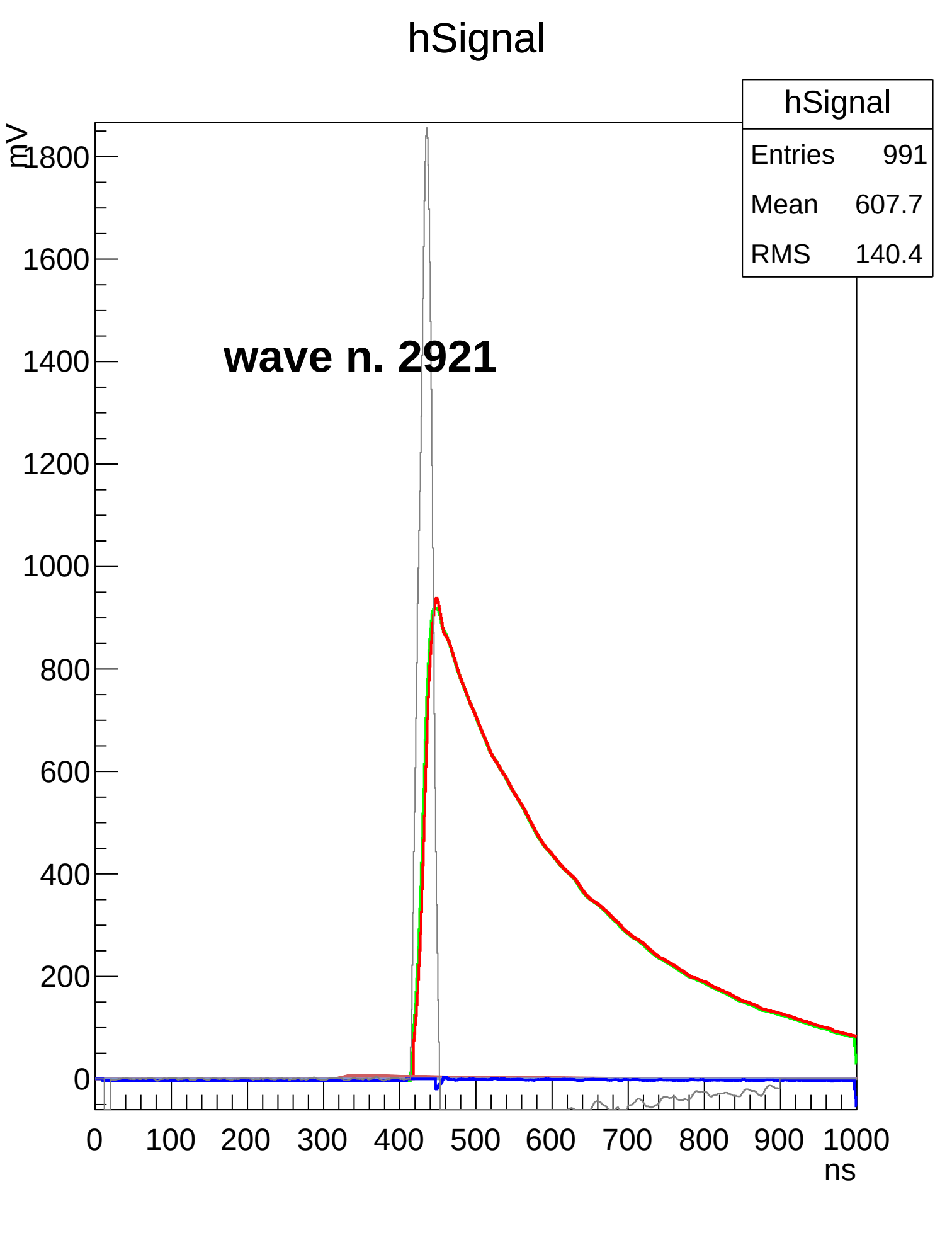
900
1000
ns


hSignal
hSignal
Entries 991
Mean 607.7
RMS 140.4
wave n. 2921
mV
1800
1600
1400
1200
1000
800
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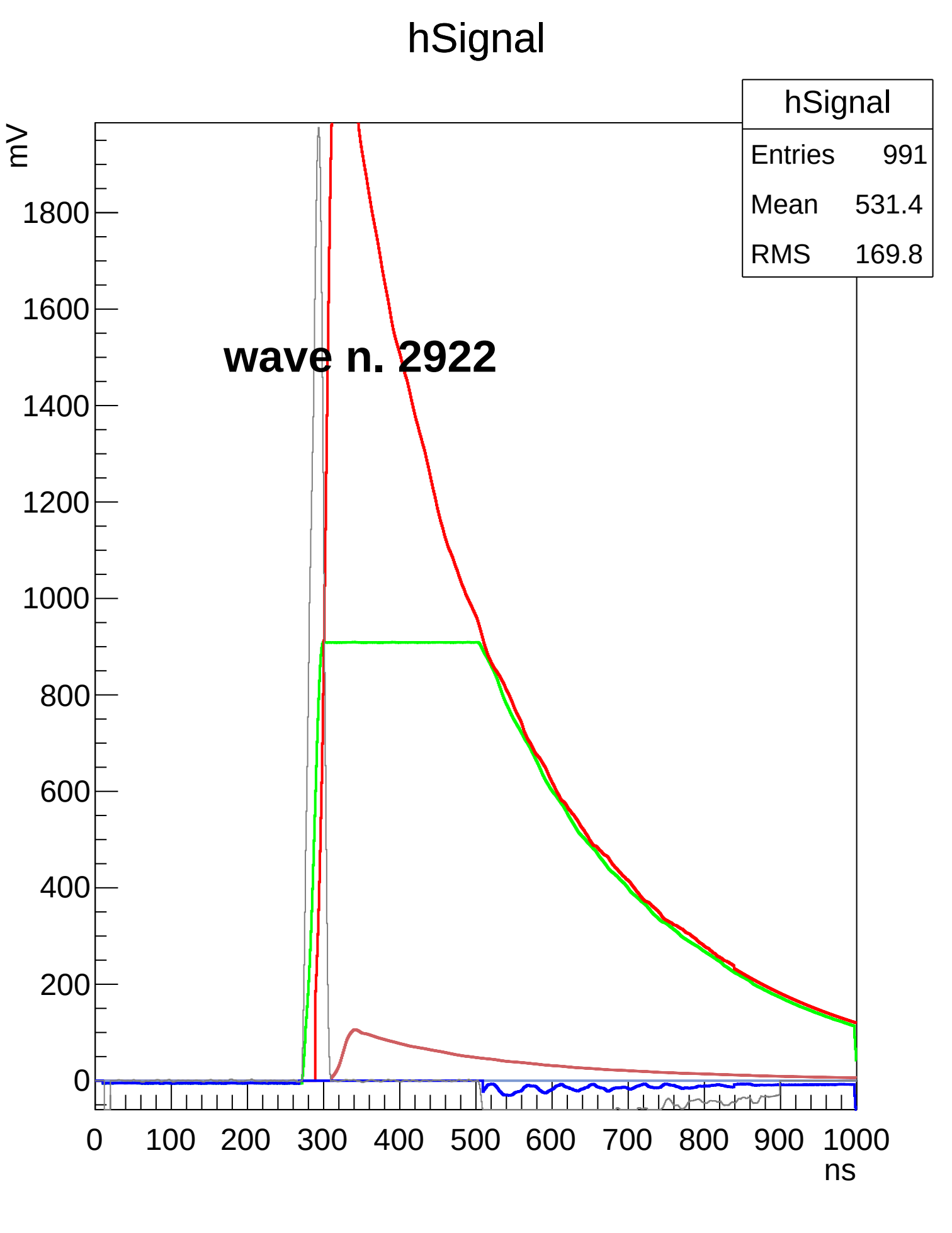
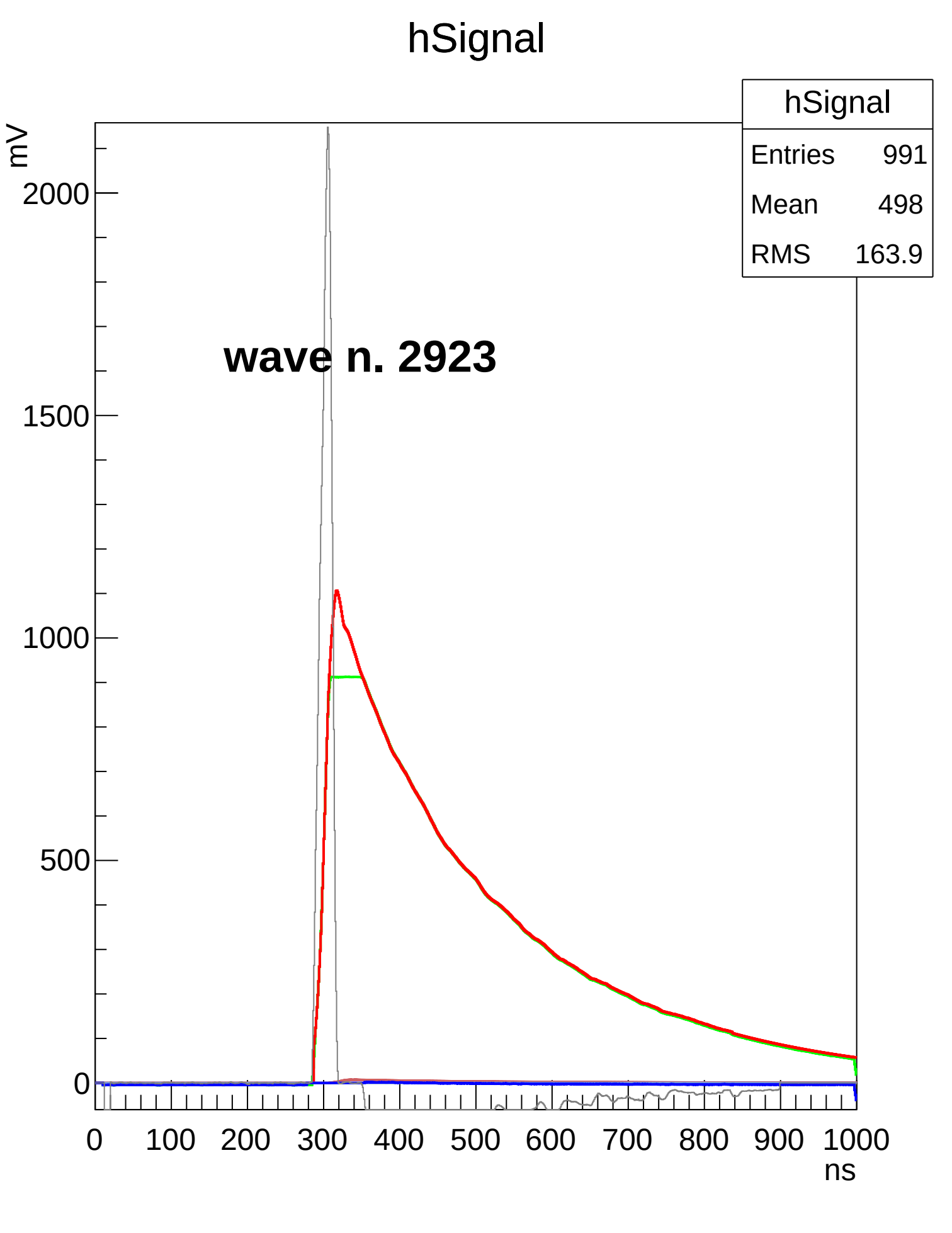
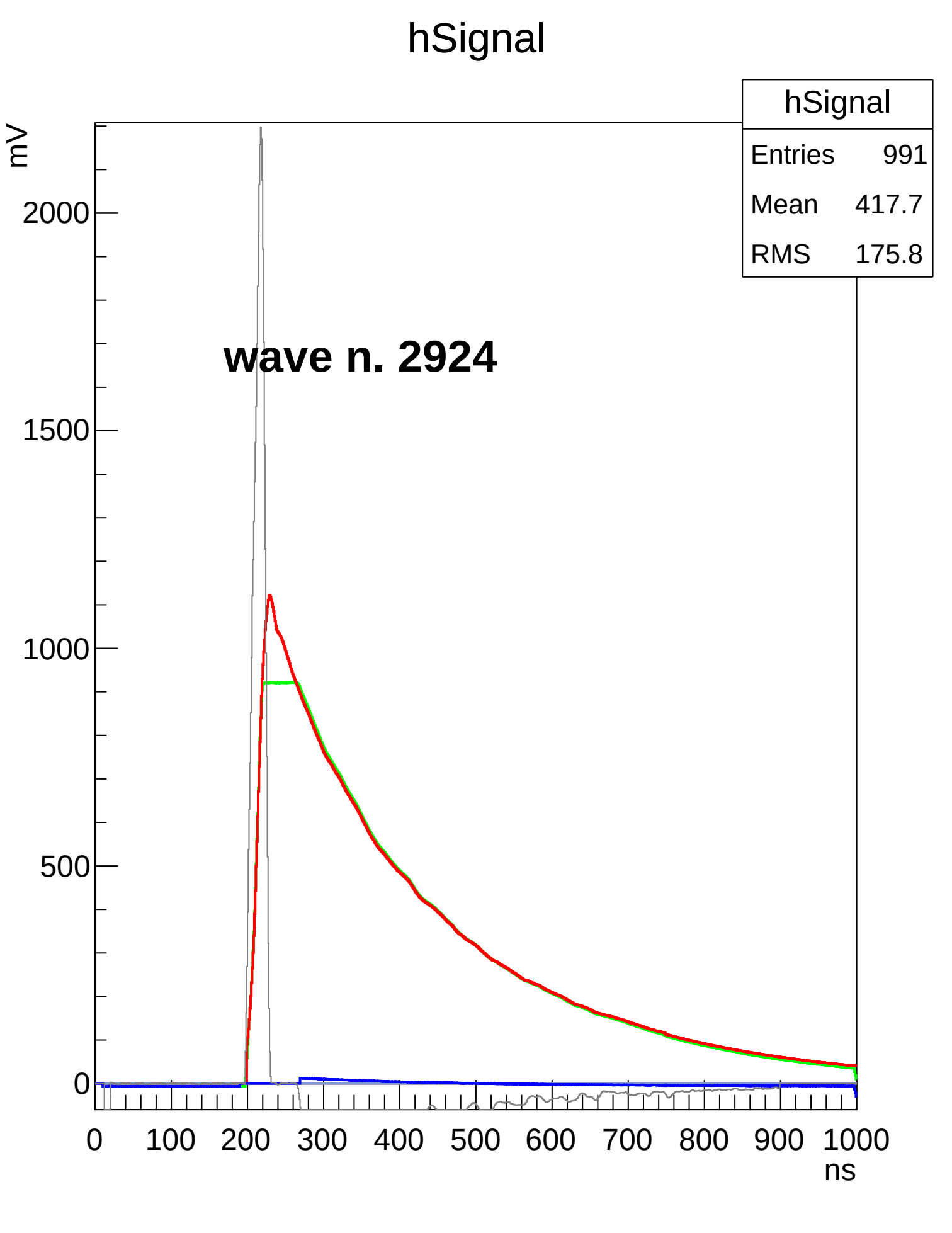
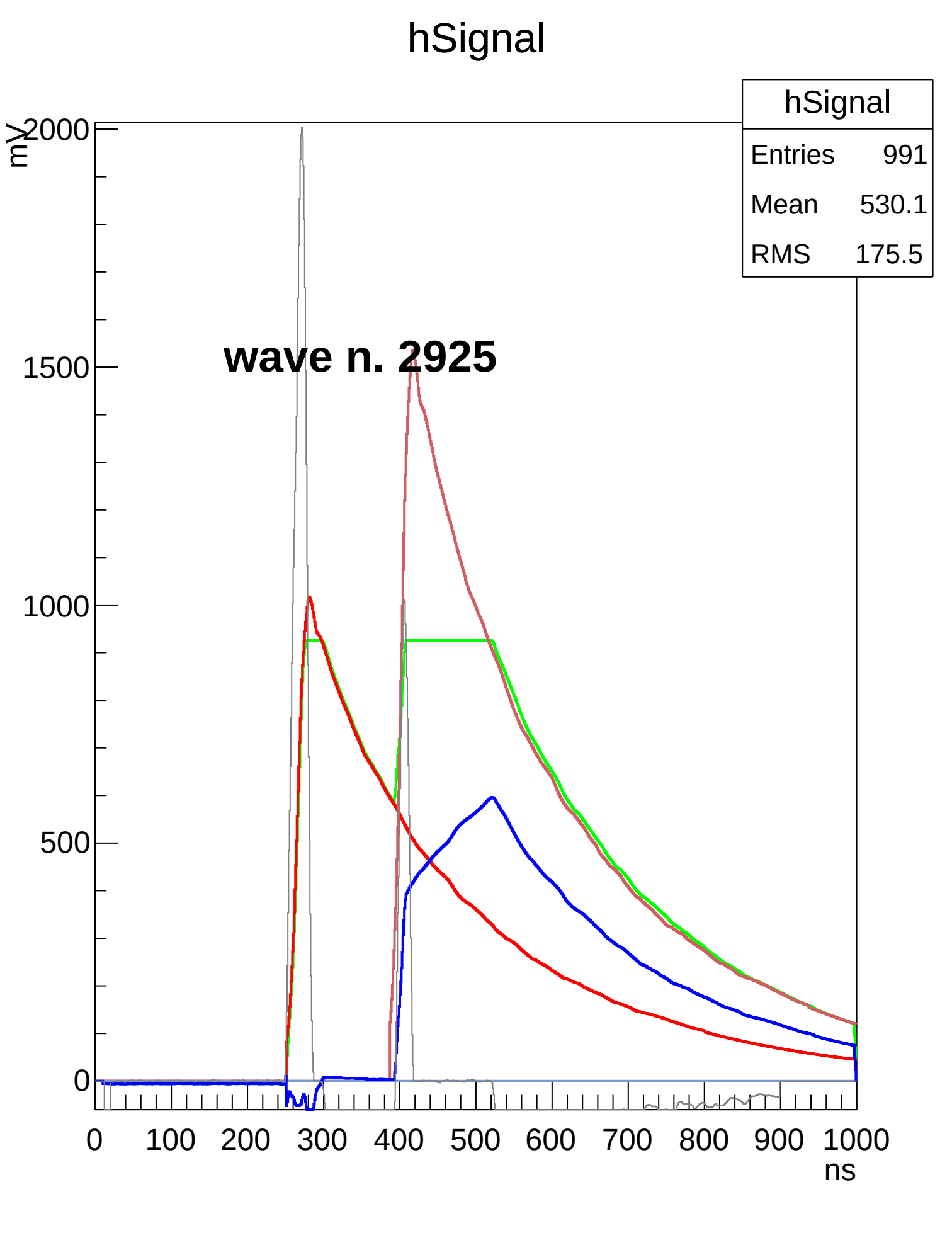
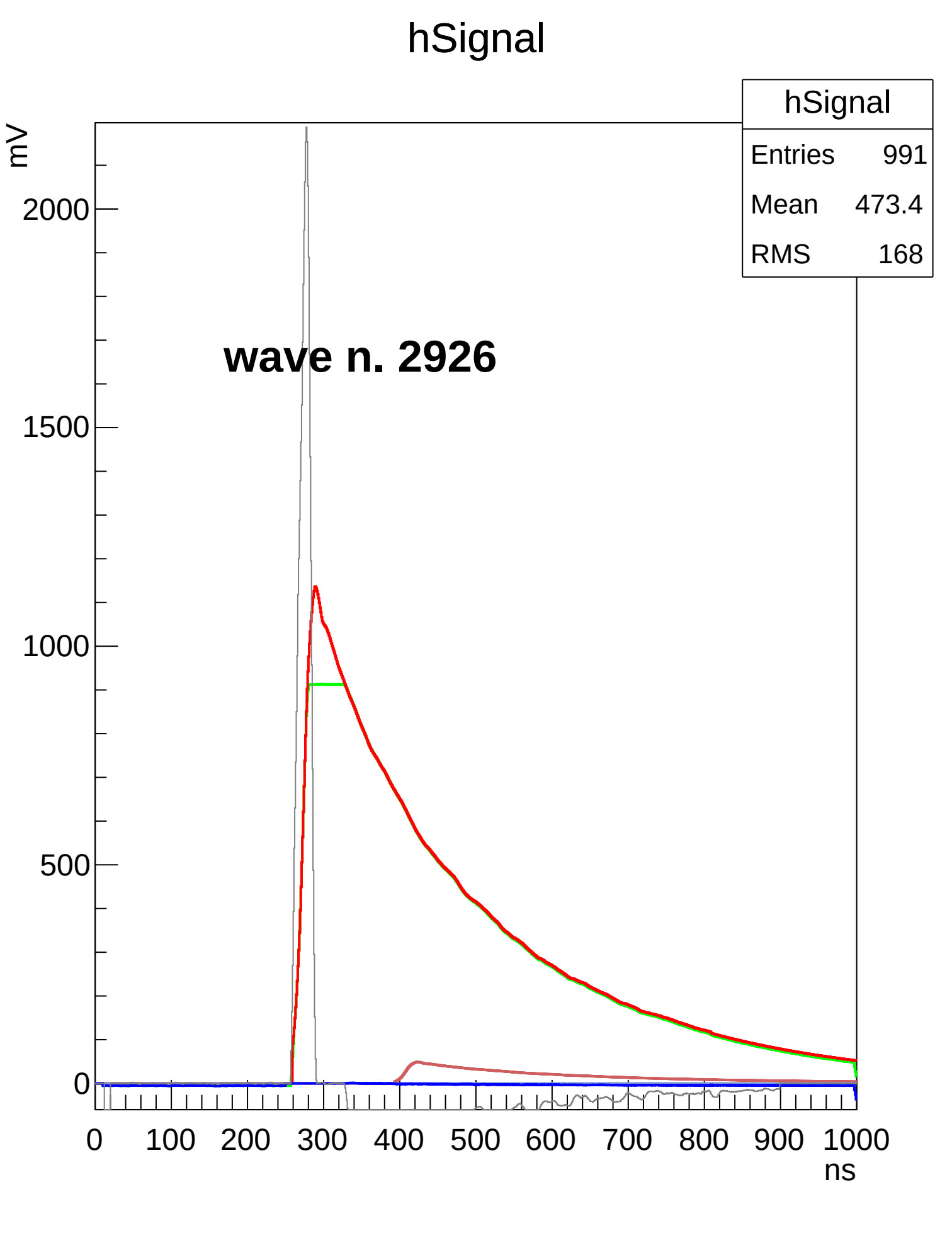
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

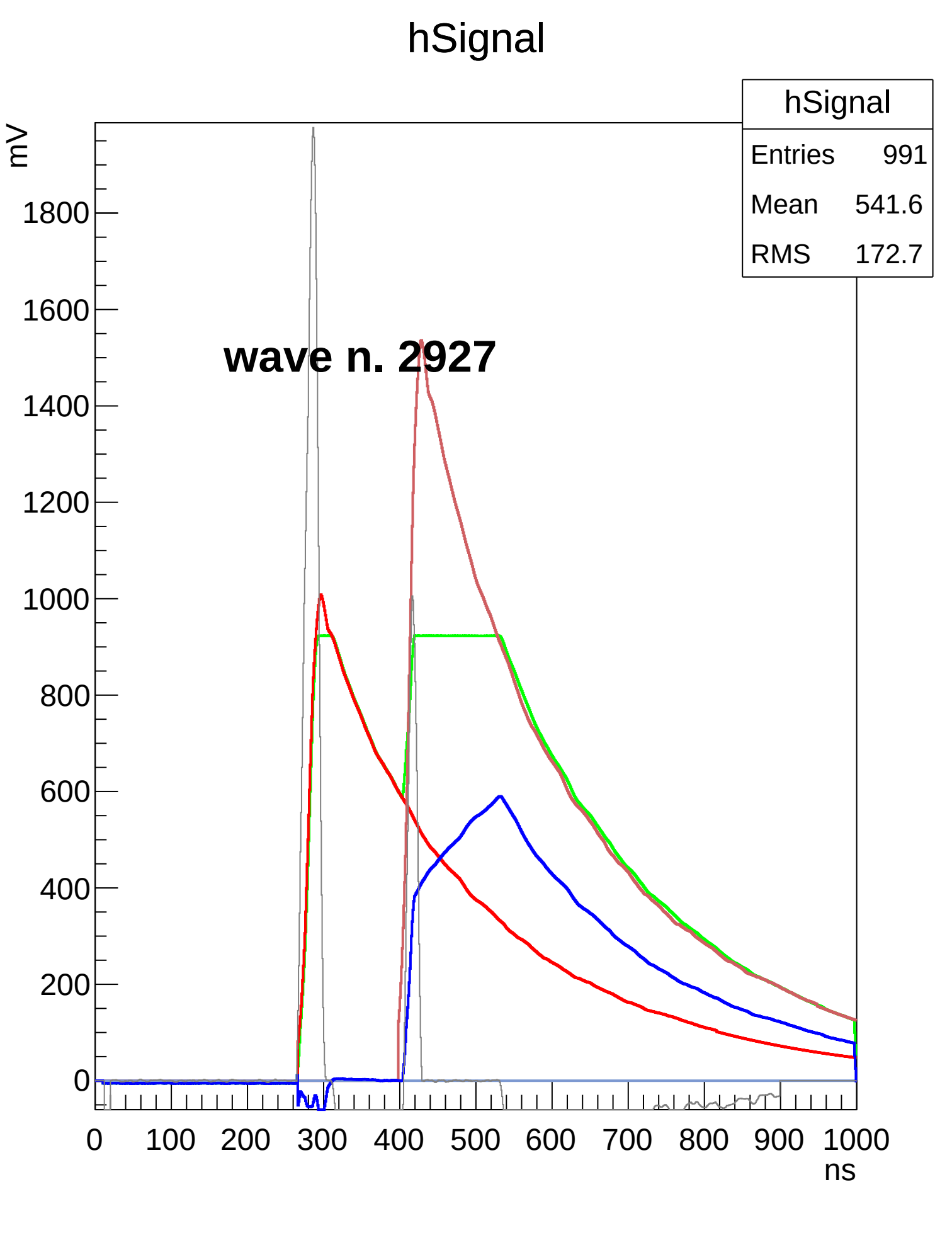

hSignal
hSignal
Entries 991
Mean 531.4
RMS 169.8
wave n. 2922
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

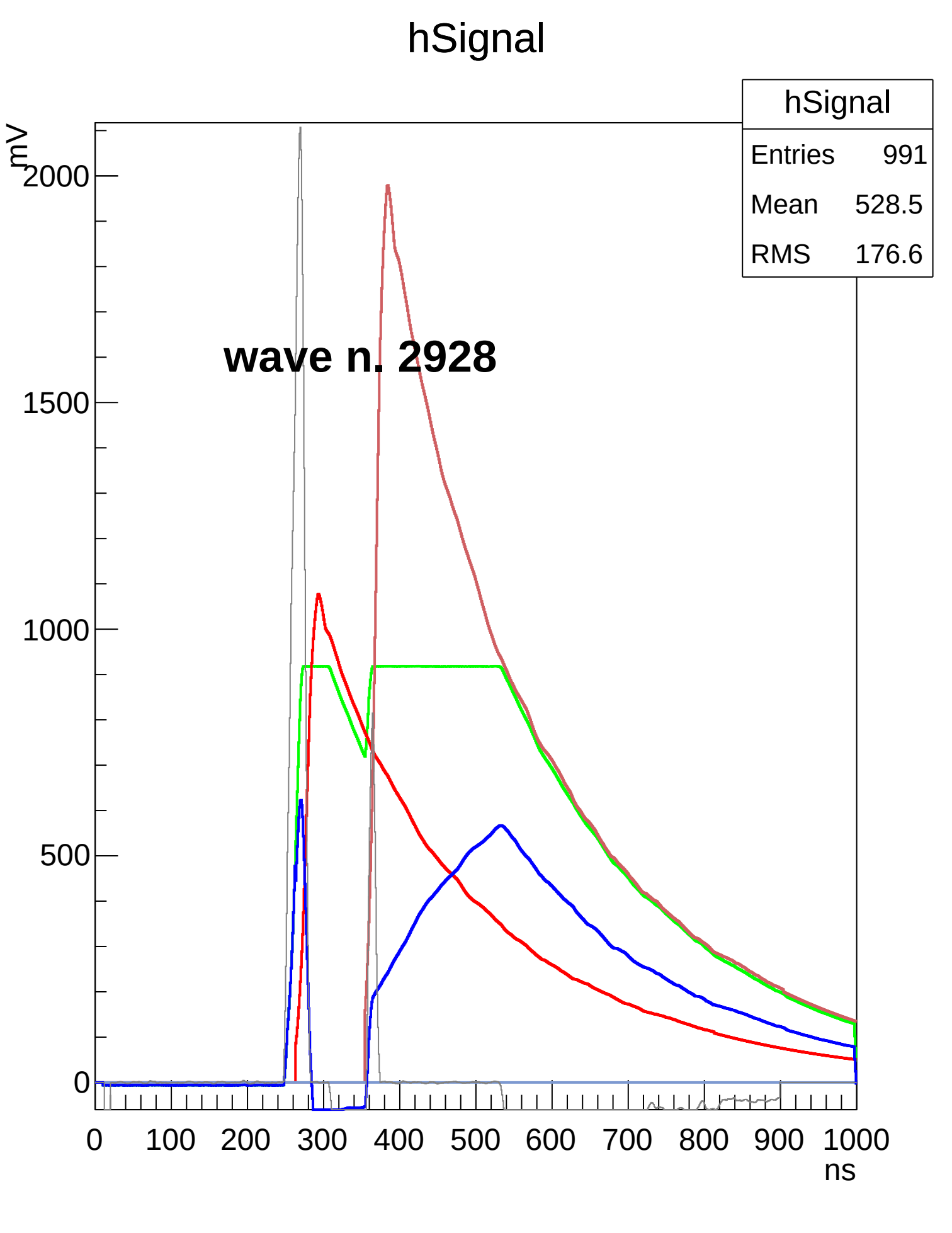

hSignal
hSignal
Entries 991
Mean 498
RMS 163.9
wave n. 2923
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

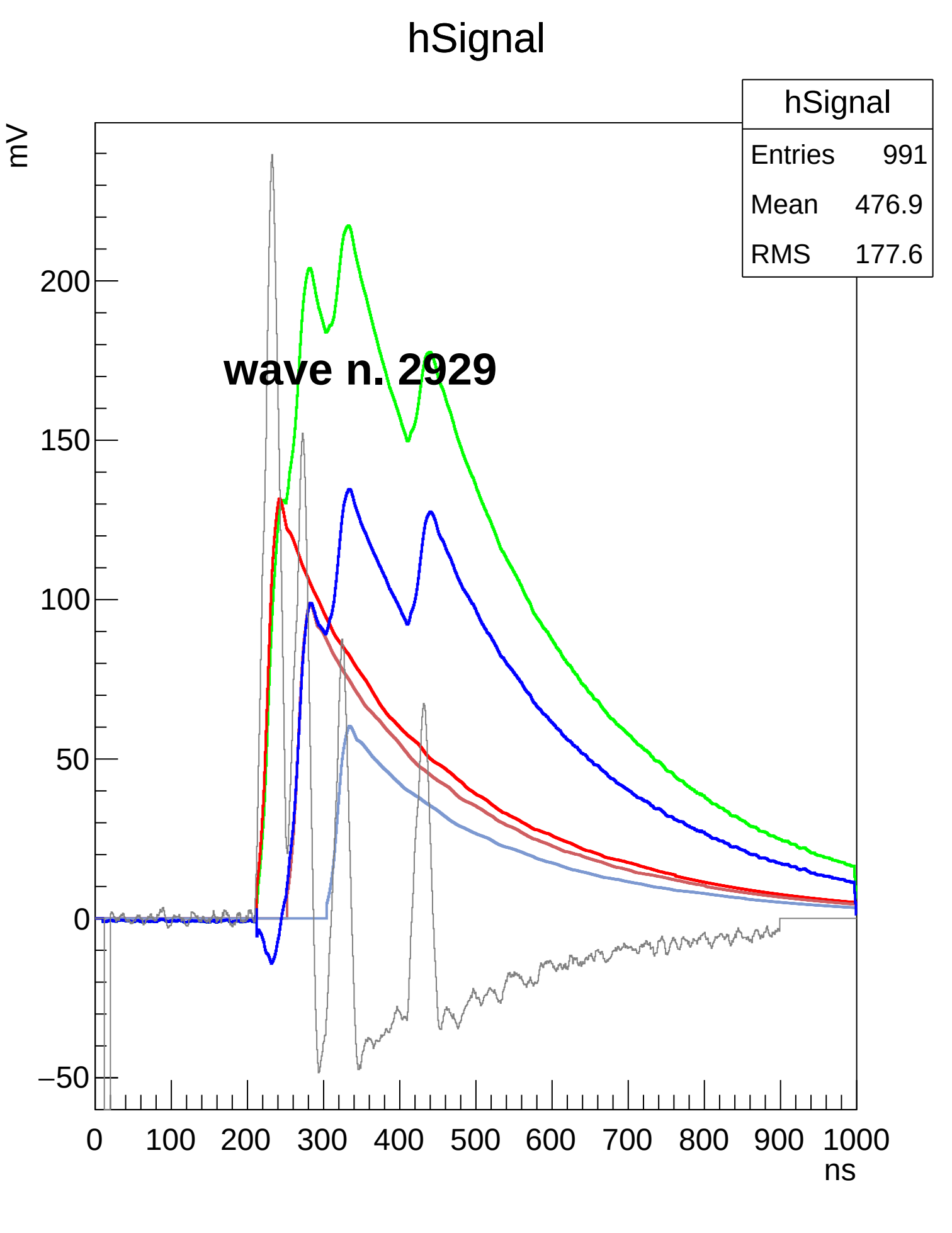

hSignal
hSignal
Entries 991
Mean 417.7
RMS 175.8
wave n. 2924
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

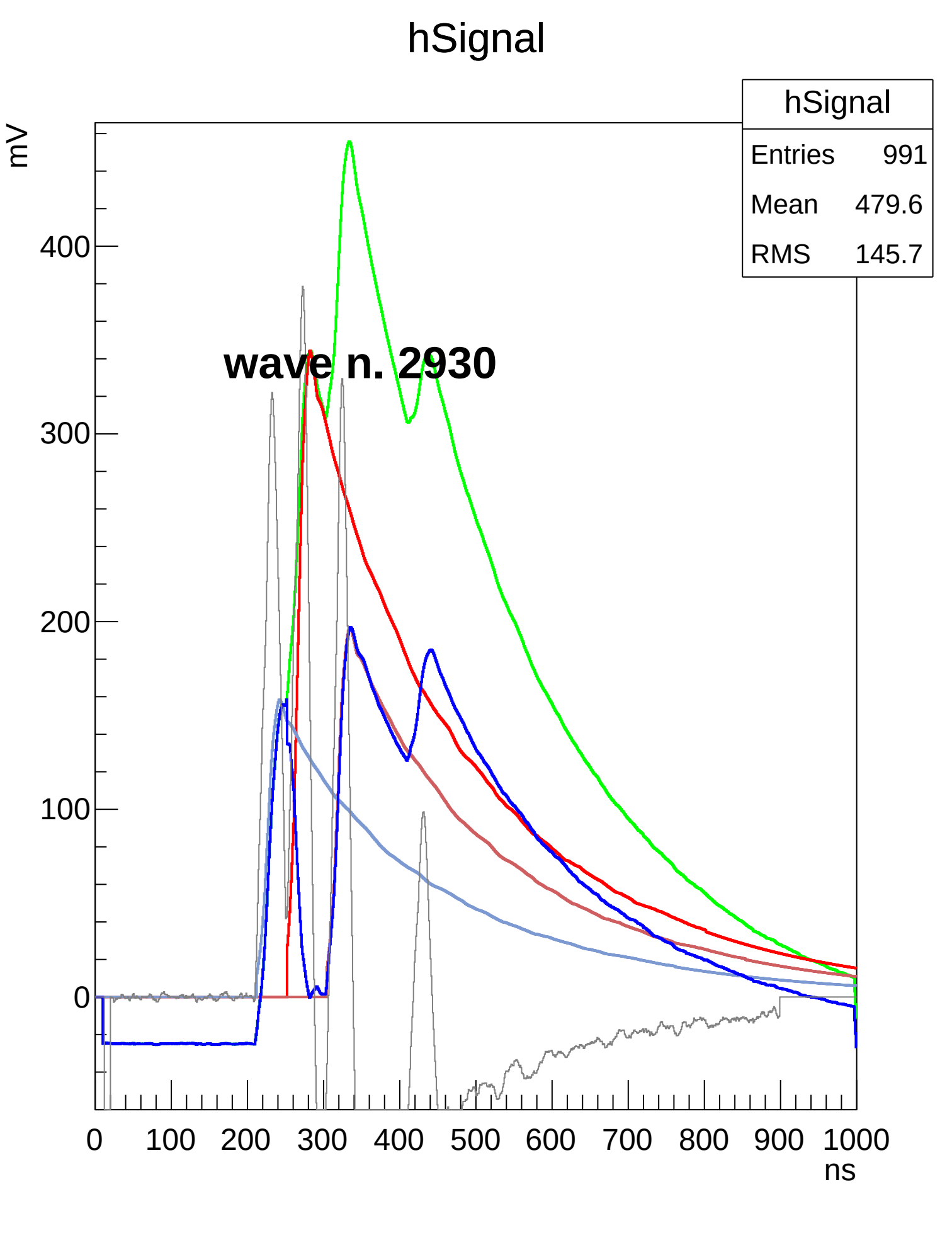

hSignal
hSignal
Entries 991
Mean 530.1
RMS 175.5
wave n. 2925
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

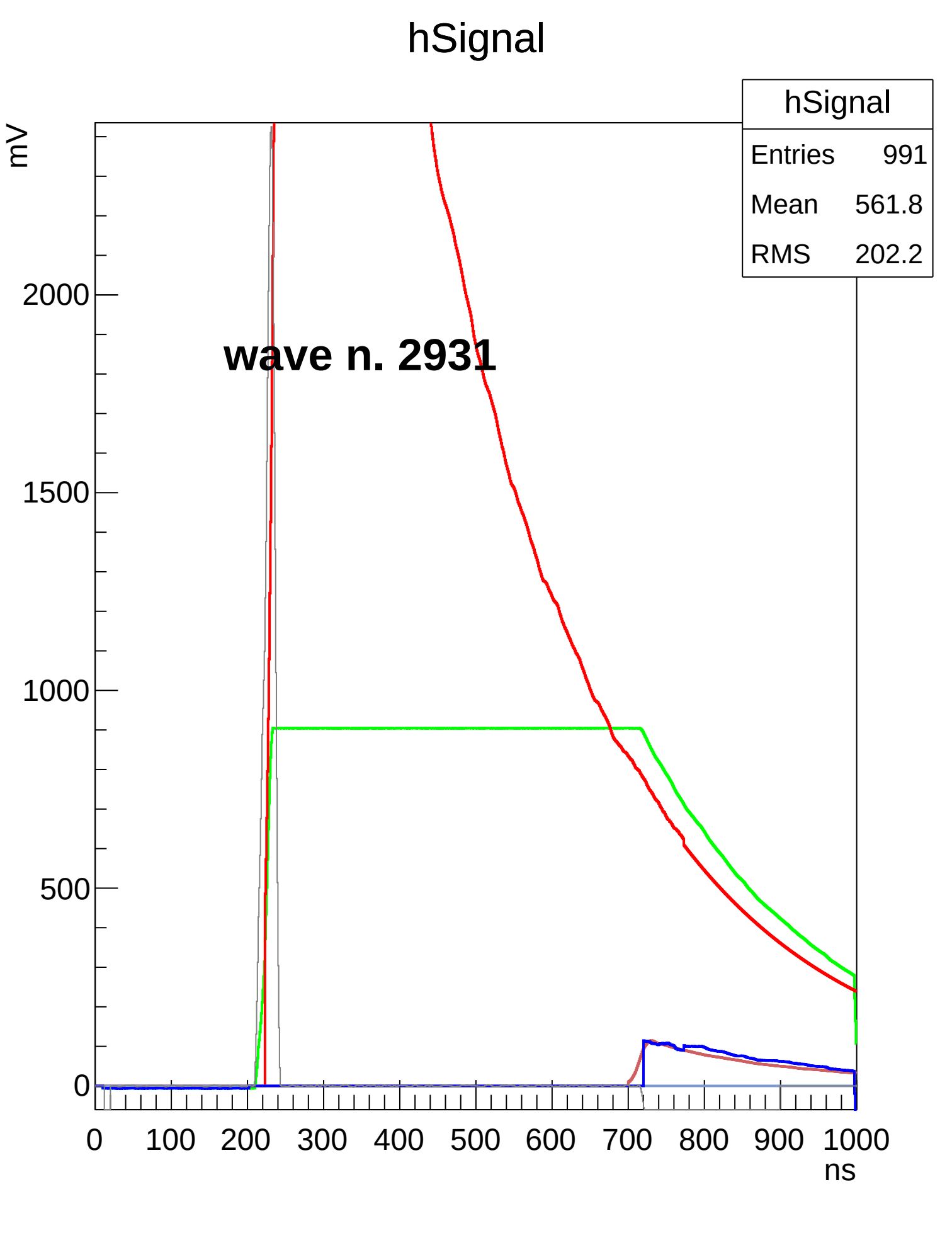

hSignal
hSignal
Entries 991
Mean 473.4
RMS 168
wave n. 2926
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

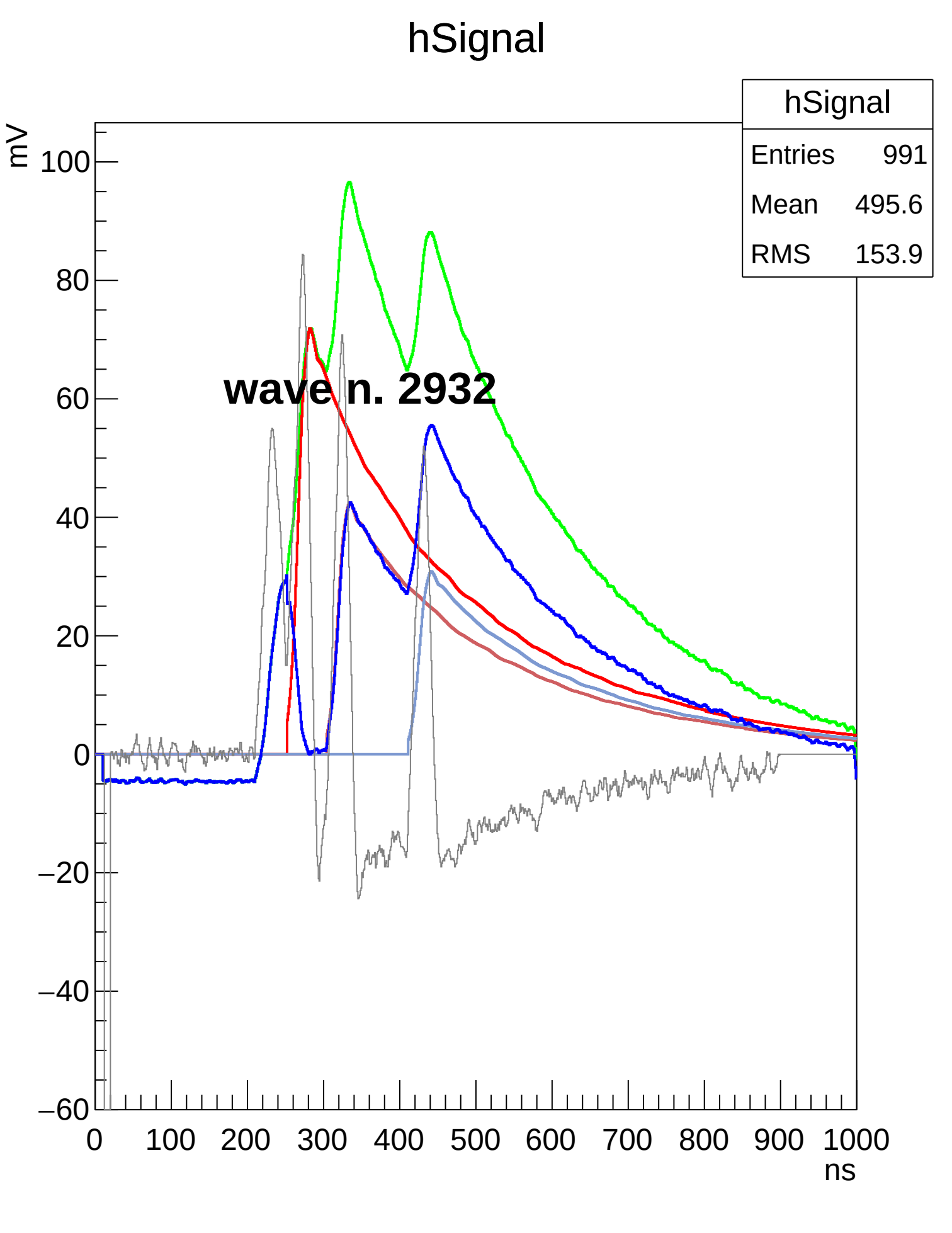

hSignal
hSignal
Entries 991
Mean 541.6
RMS 172.7
wave n. 2927
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

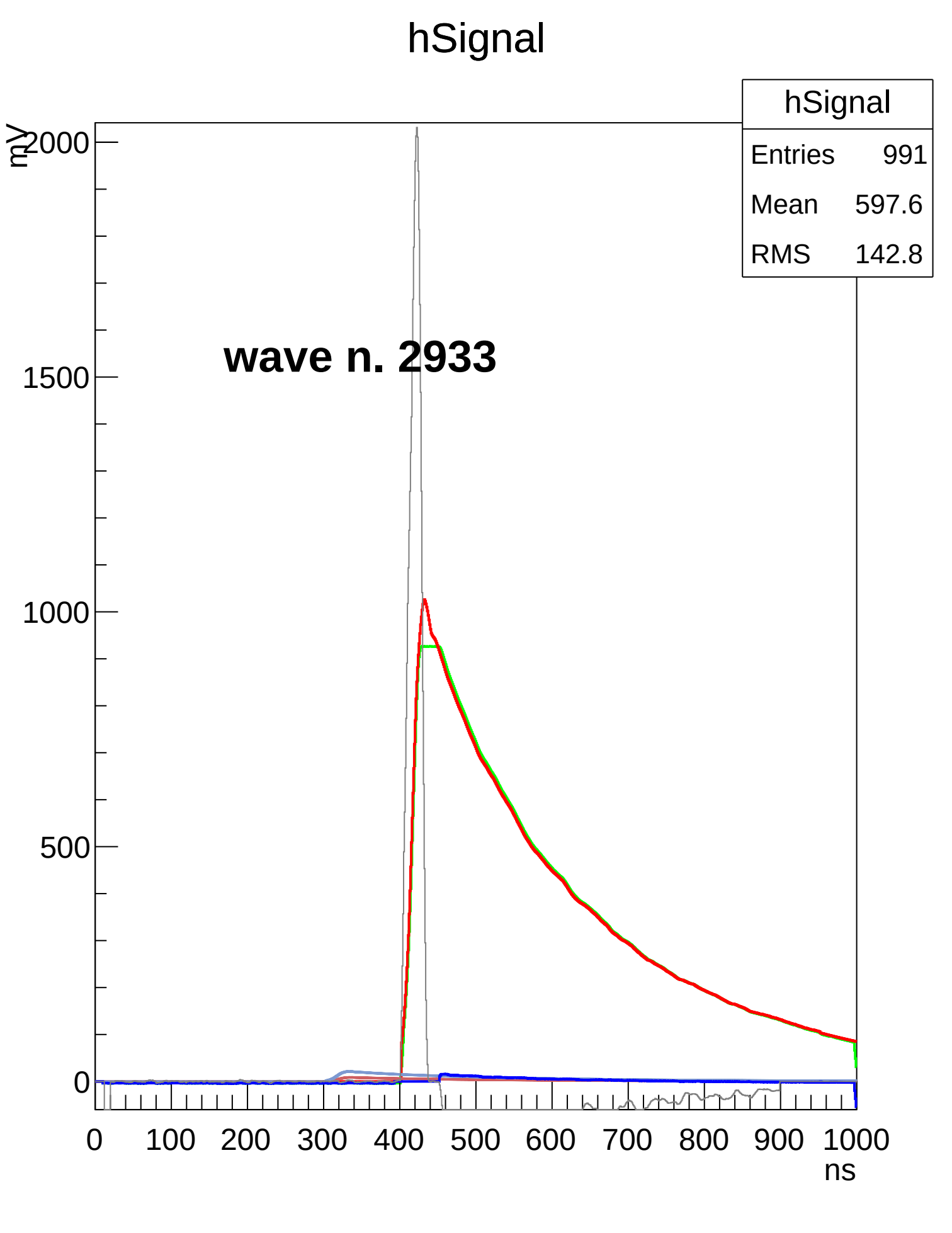

hSignal
hSignal
Entries 991
Mean 528.5
RMS 176.6
wave n. 2928
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

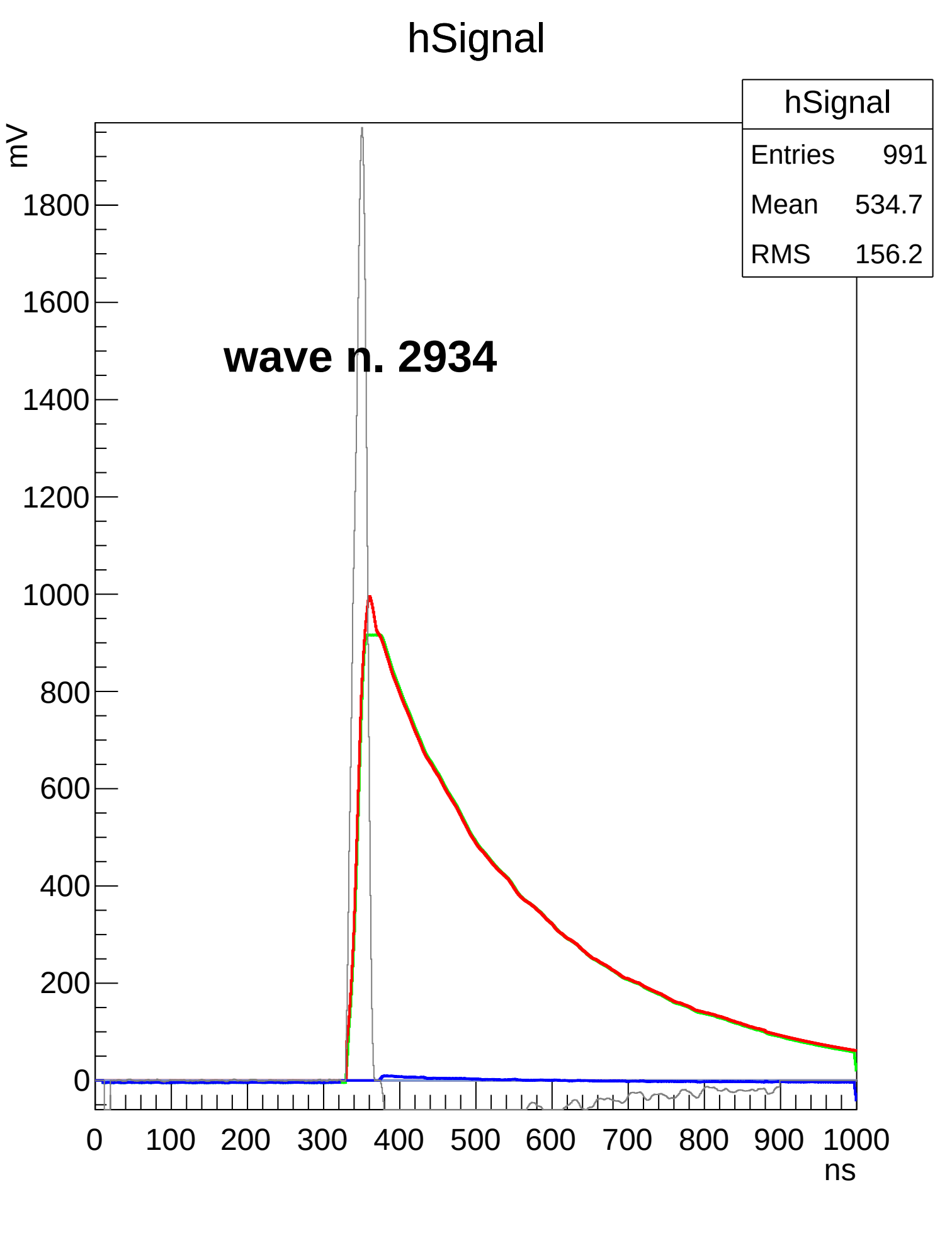

hSignal
hSignal
Entries 991
Mean 476.9
RMS 177.6
wave n. 2929
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

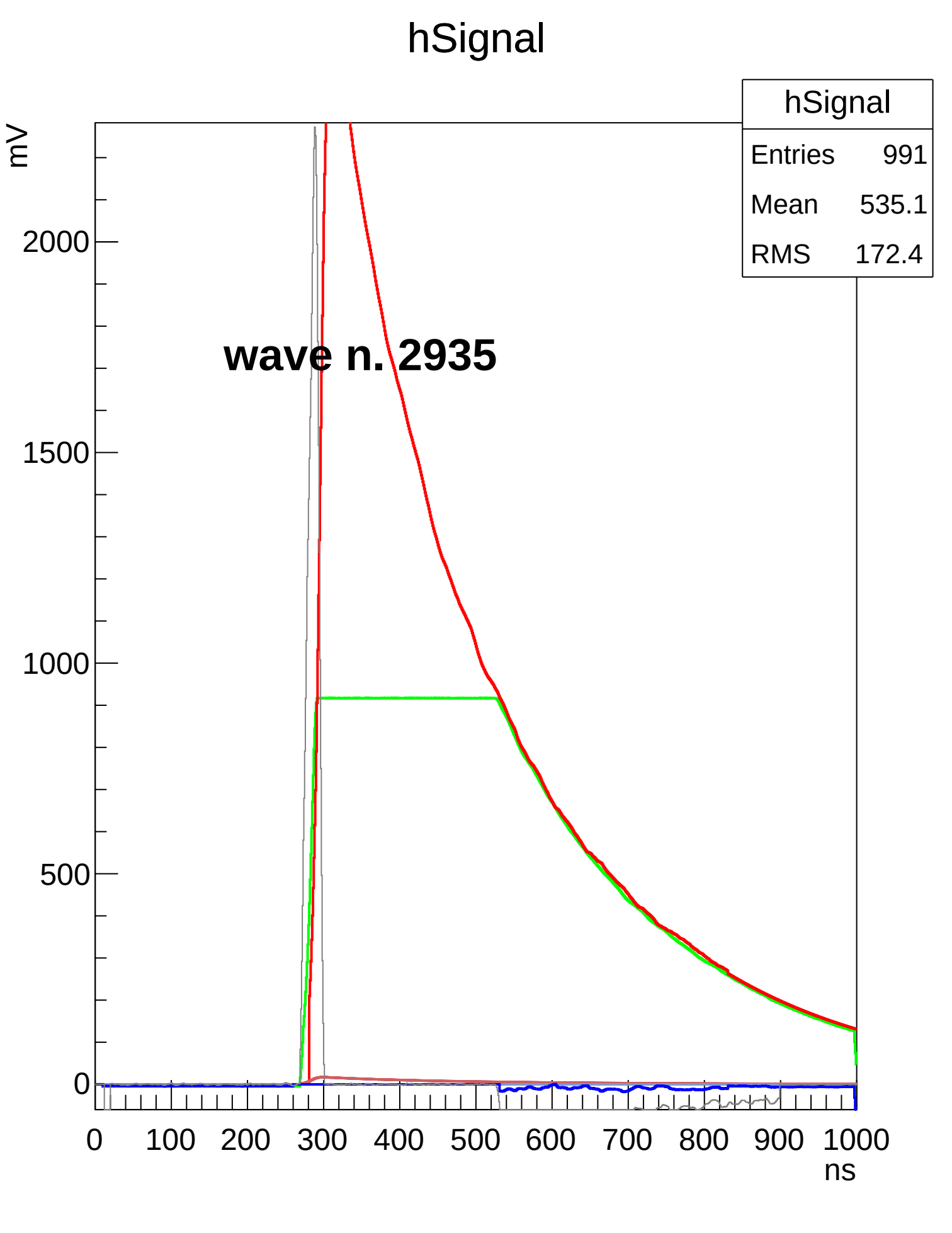

hSignal
hSignal
Entries 991
Mean 479.6
RMS 145.7
wave n. 2930
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns

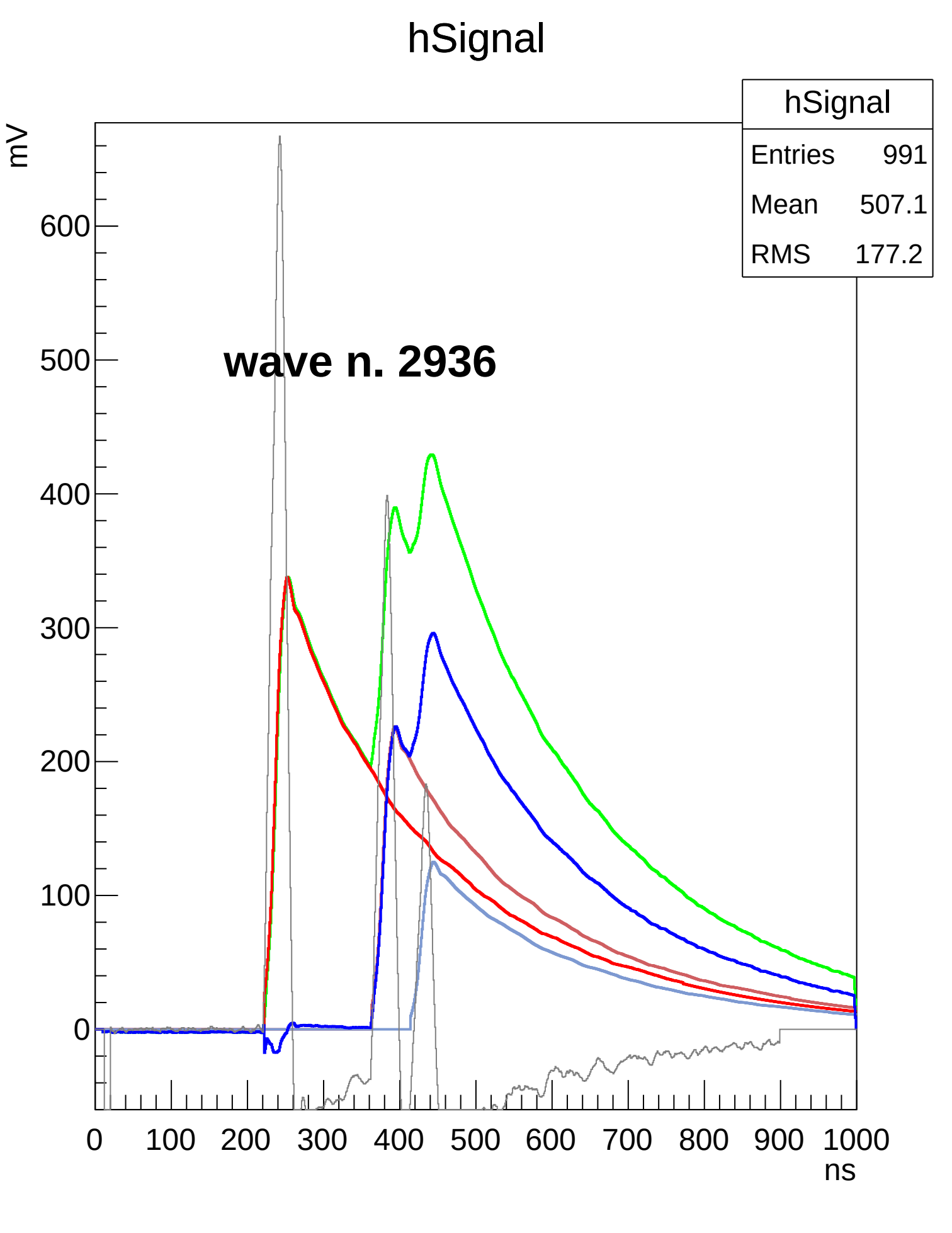

hSignal
hSignal
Entries 991
Mean 561.8
RMS 202.2
wave n. 2931
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

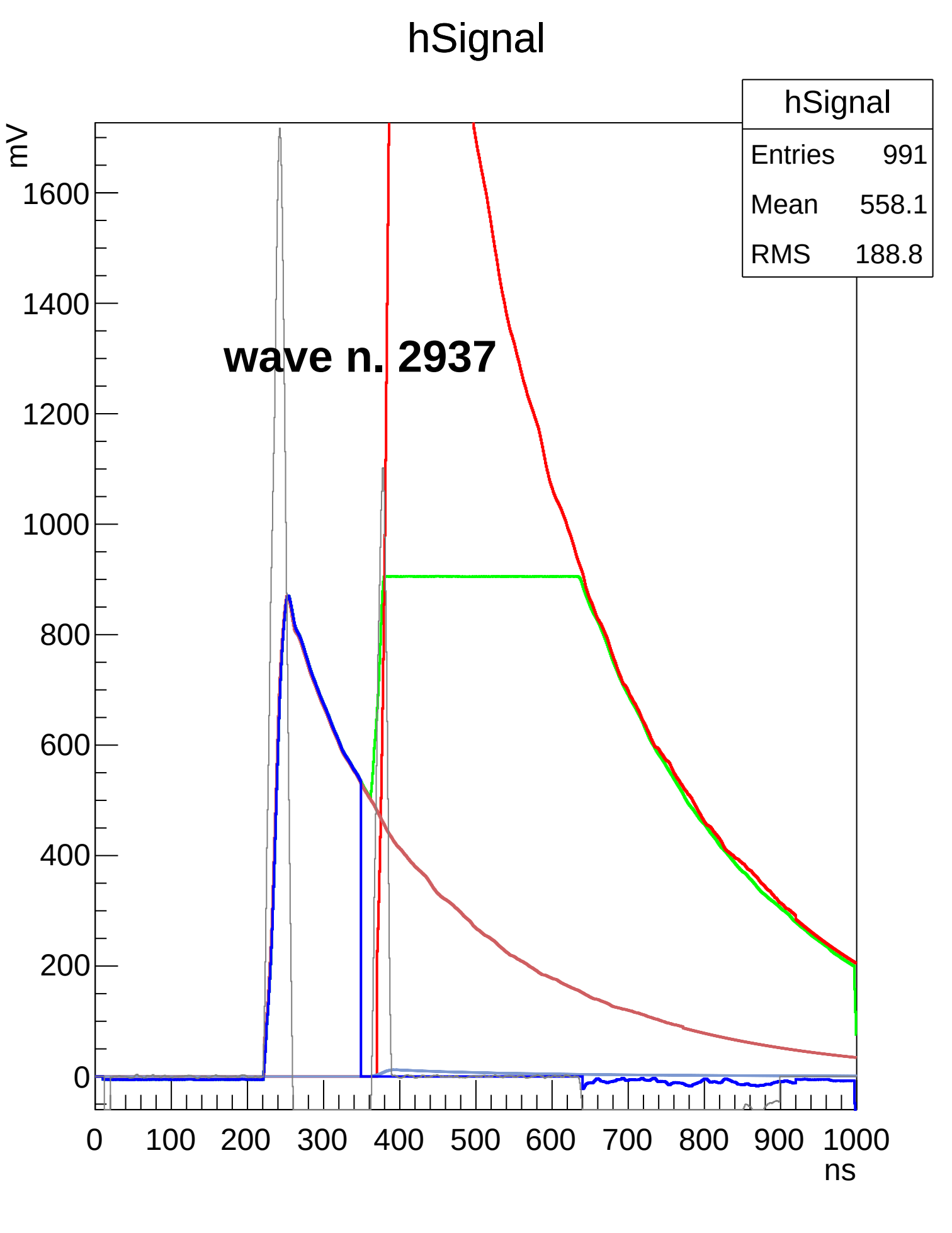

hSignal
hSignal
Entries 991
Mean 495.6
RMS 153.9
wave n. 2932
mV
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns

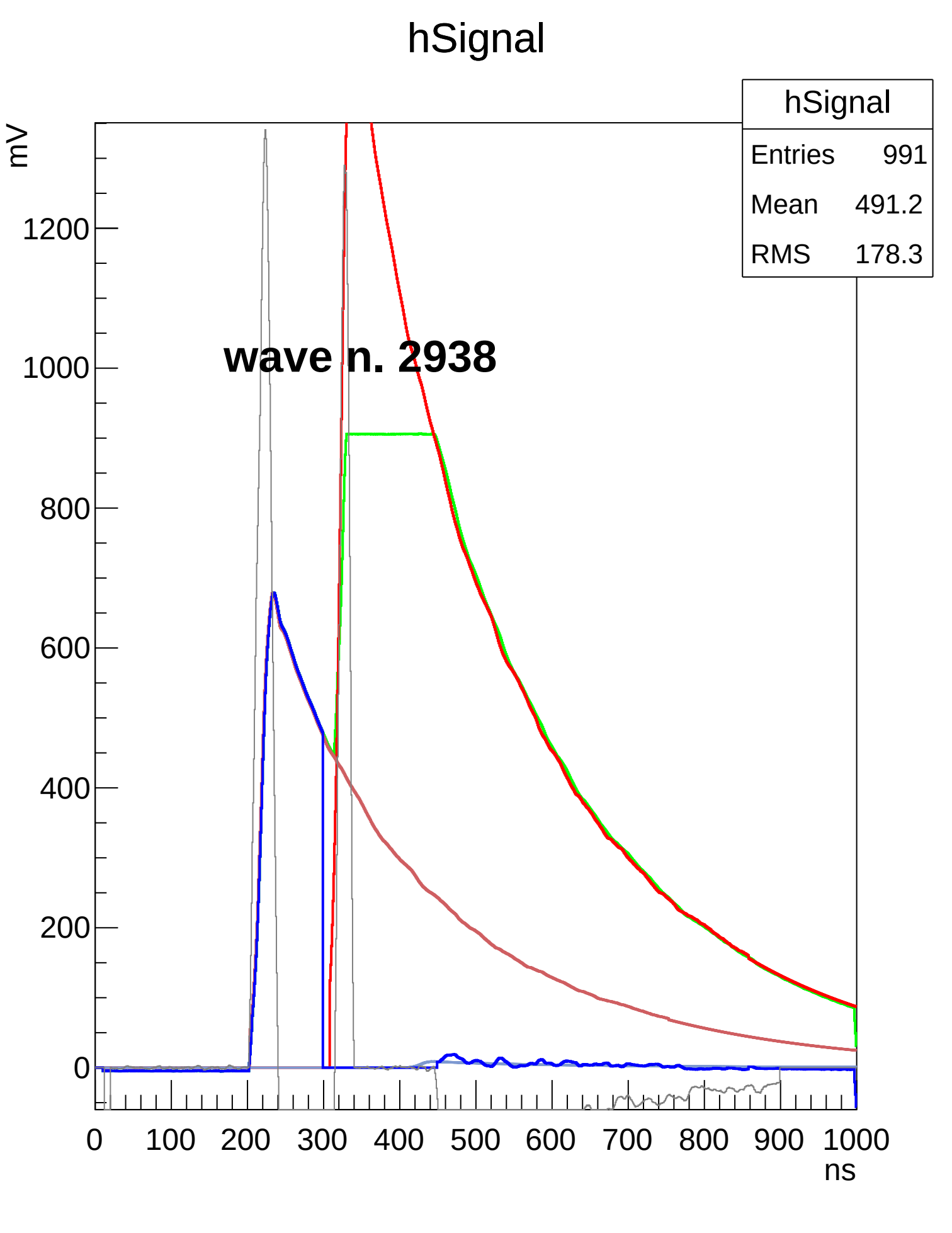

hSignal
hSignal
Entries 991
Mean 597.6
RMS 142.8
wave n. 2933
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

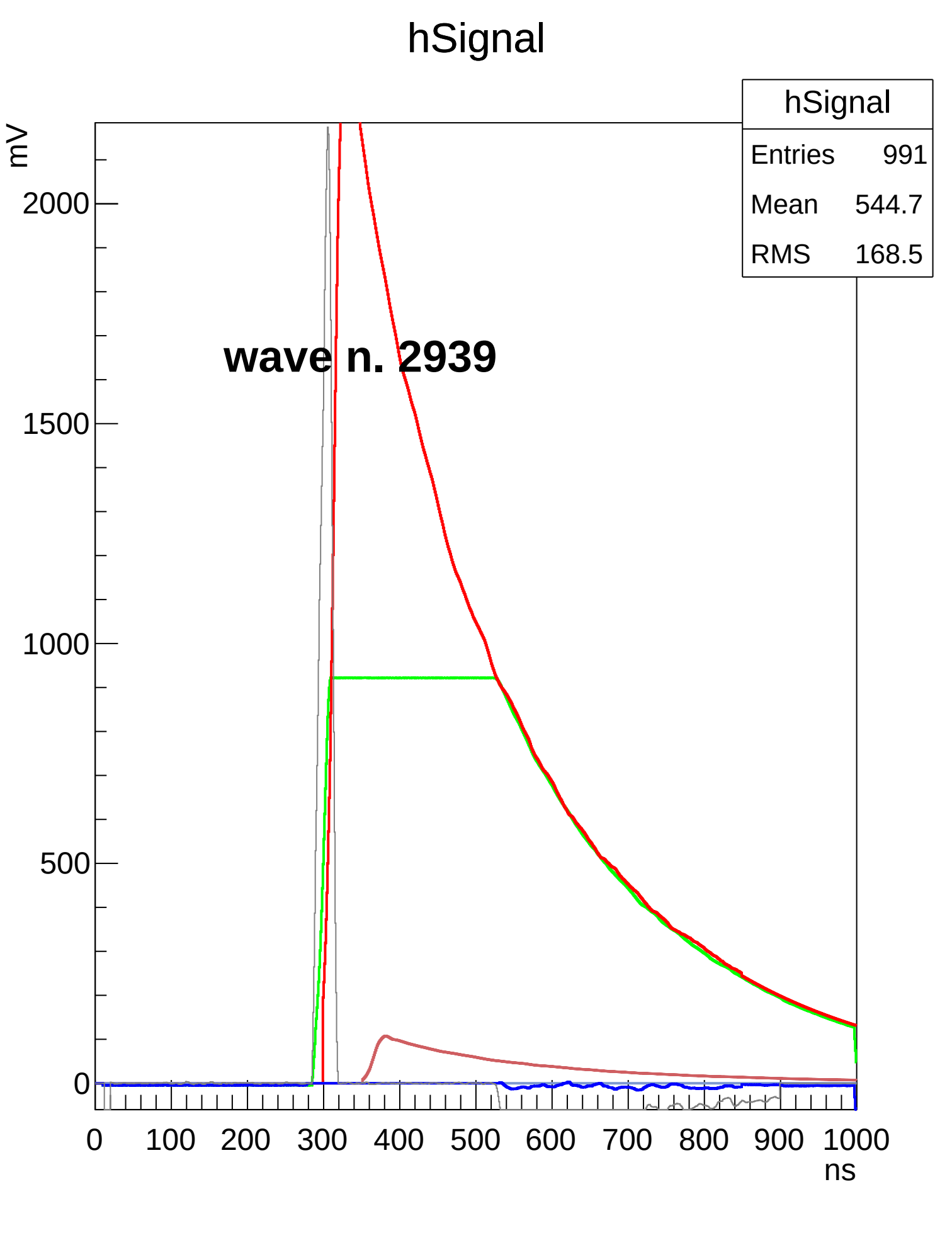

hSignal
hSignal
Entries 991
Mean 534.7
RMS 156.2
wave n. 2934
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

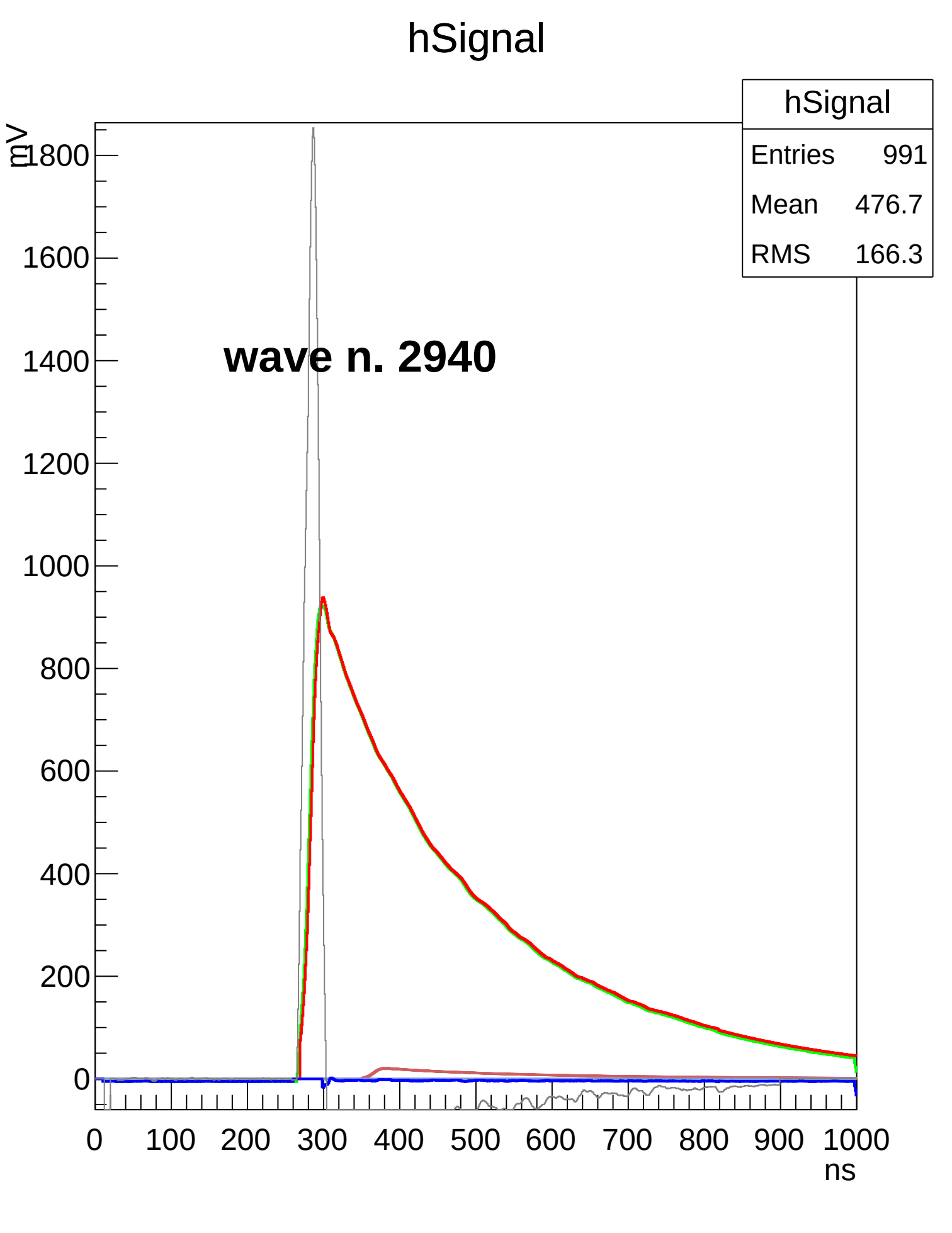

hSignal
hSignal
Entries 991
Mean 535.1
RMS 172.4
wave n. 2935
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

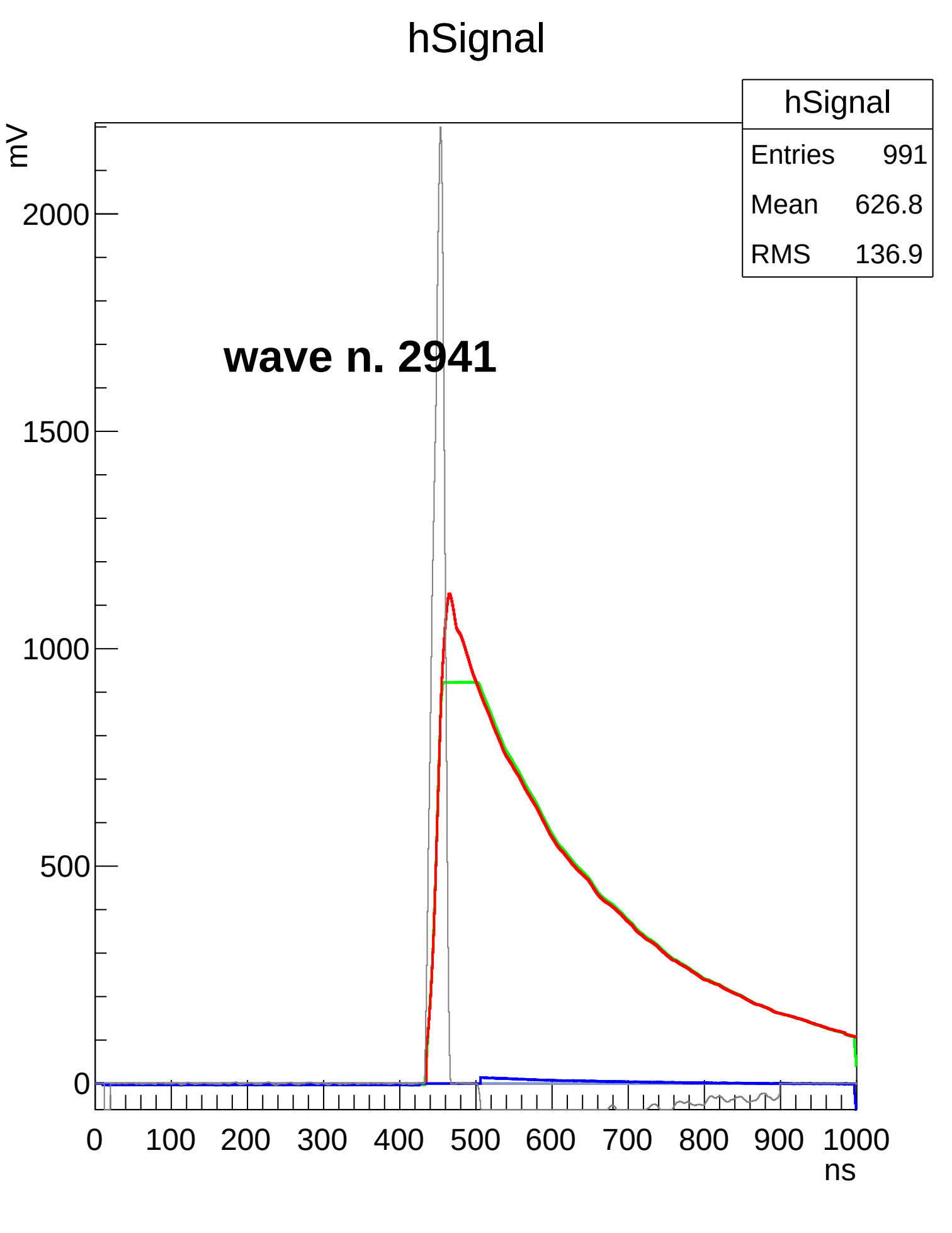

hSignal
hSignal
Entries 991
Mean 507.1
RMS 177.2
wave n. 2936
mV
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns

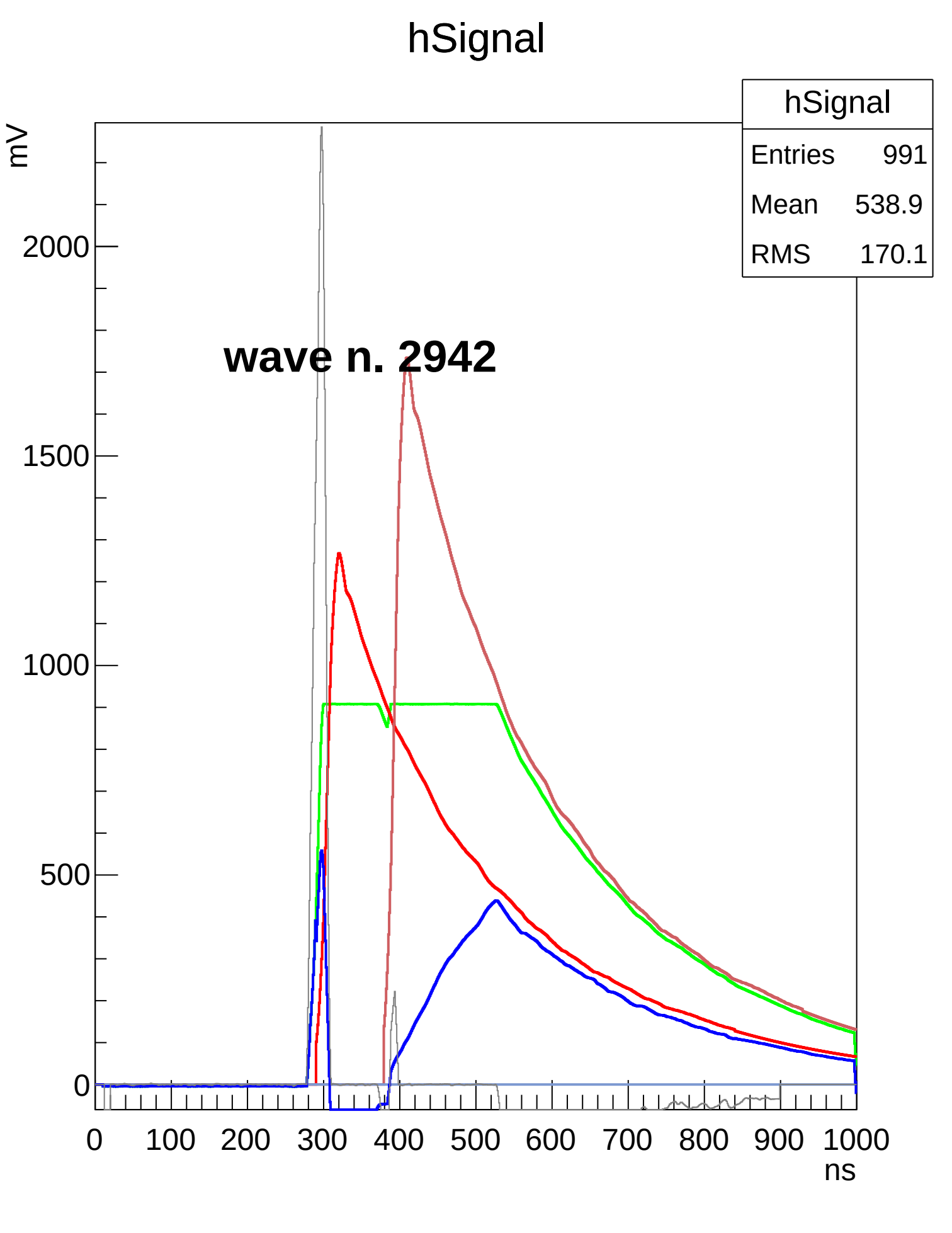

hSignal
hSignal
Entries 991
Mean 558.1
RMS 188.8
wave n. 2937
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

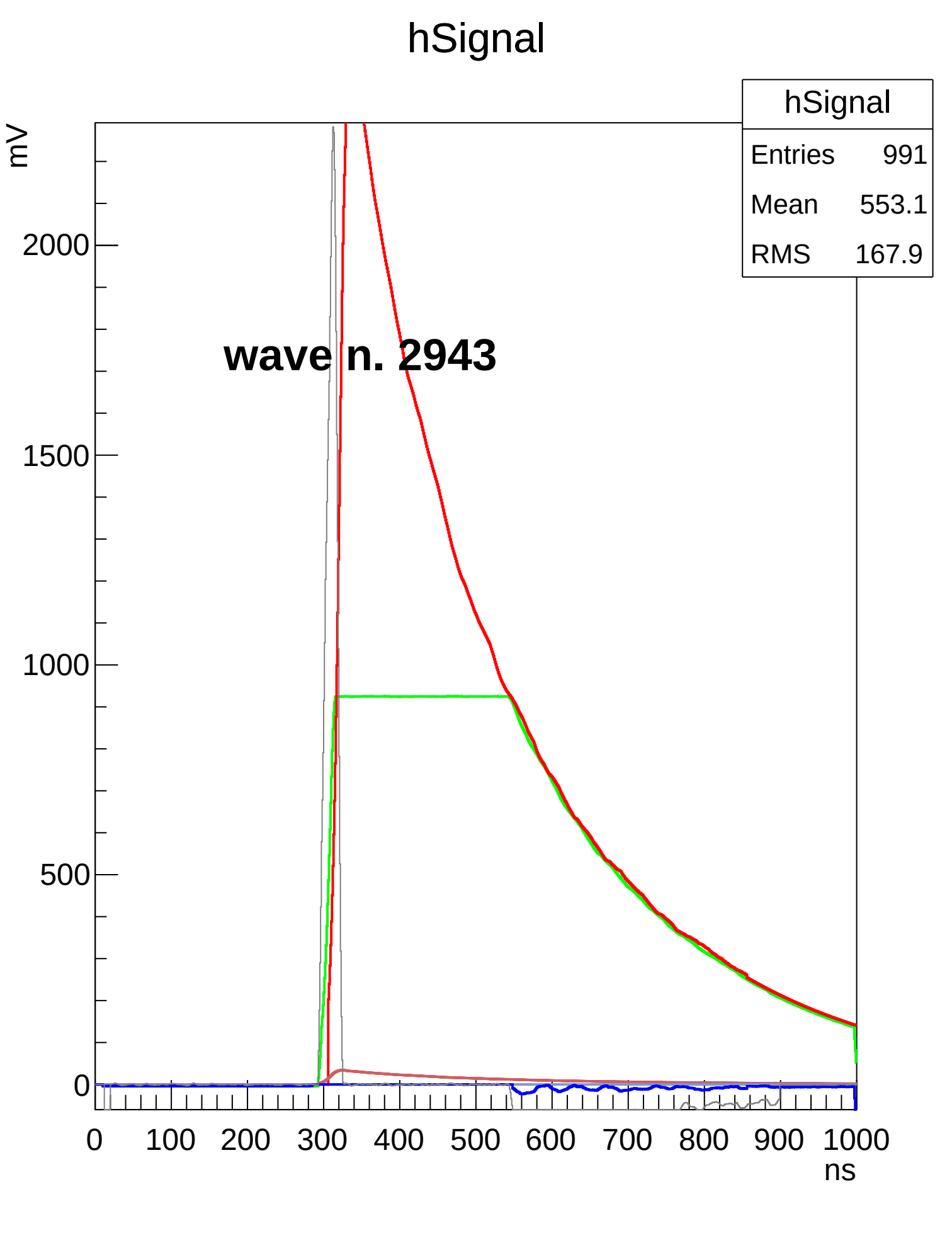

hSignal
hSignal
Entries 991
Mean 491.2
RMS 178.3
wave n. 2938
mV
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

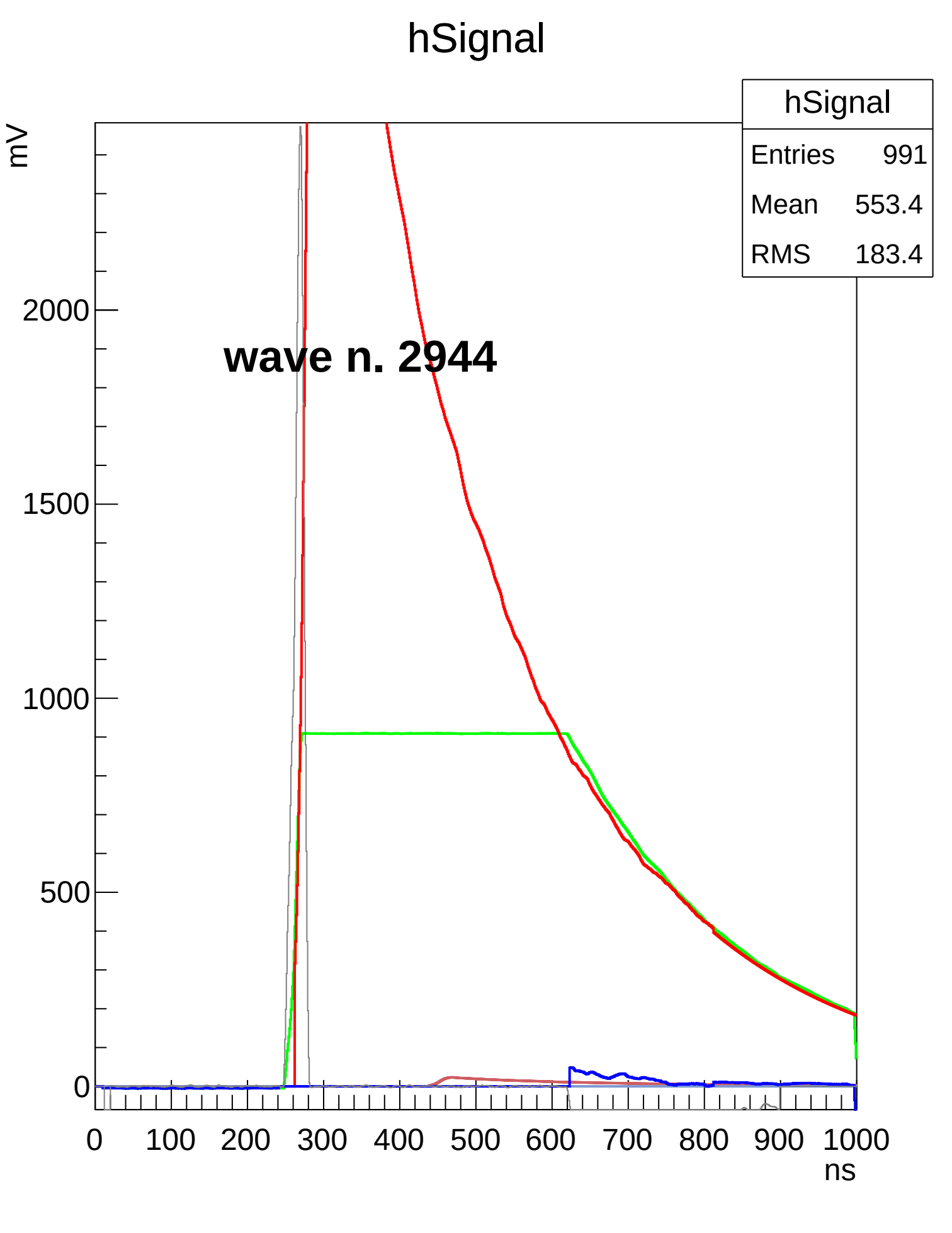

hSignal
hSignal
Entries 991
Mean 544.7
RMS 168.5
wave n. 2939
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 476.7
RMS 166.3
wave n. 2940
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 626.8
RMS 136.9
wave n. 2941
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 538.9
RMS 170.1
wave n. 2942
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.1
RMS 167.9
wave n. 2943
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.4
RMS 183.4
wave n. 2944
mV
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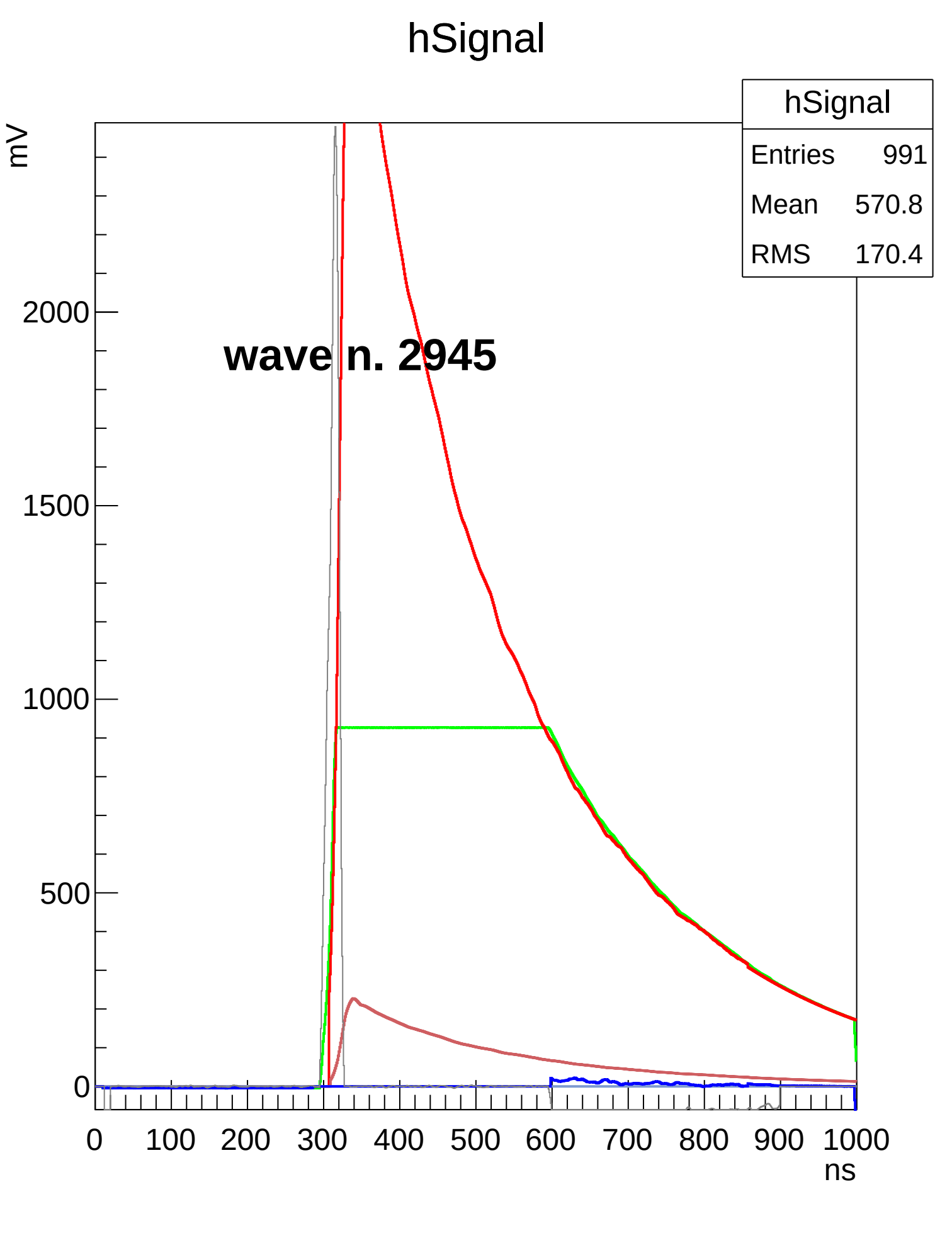
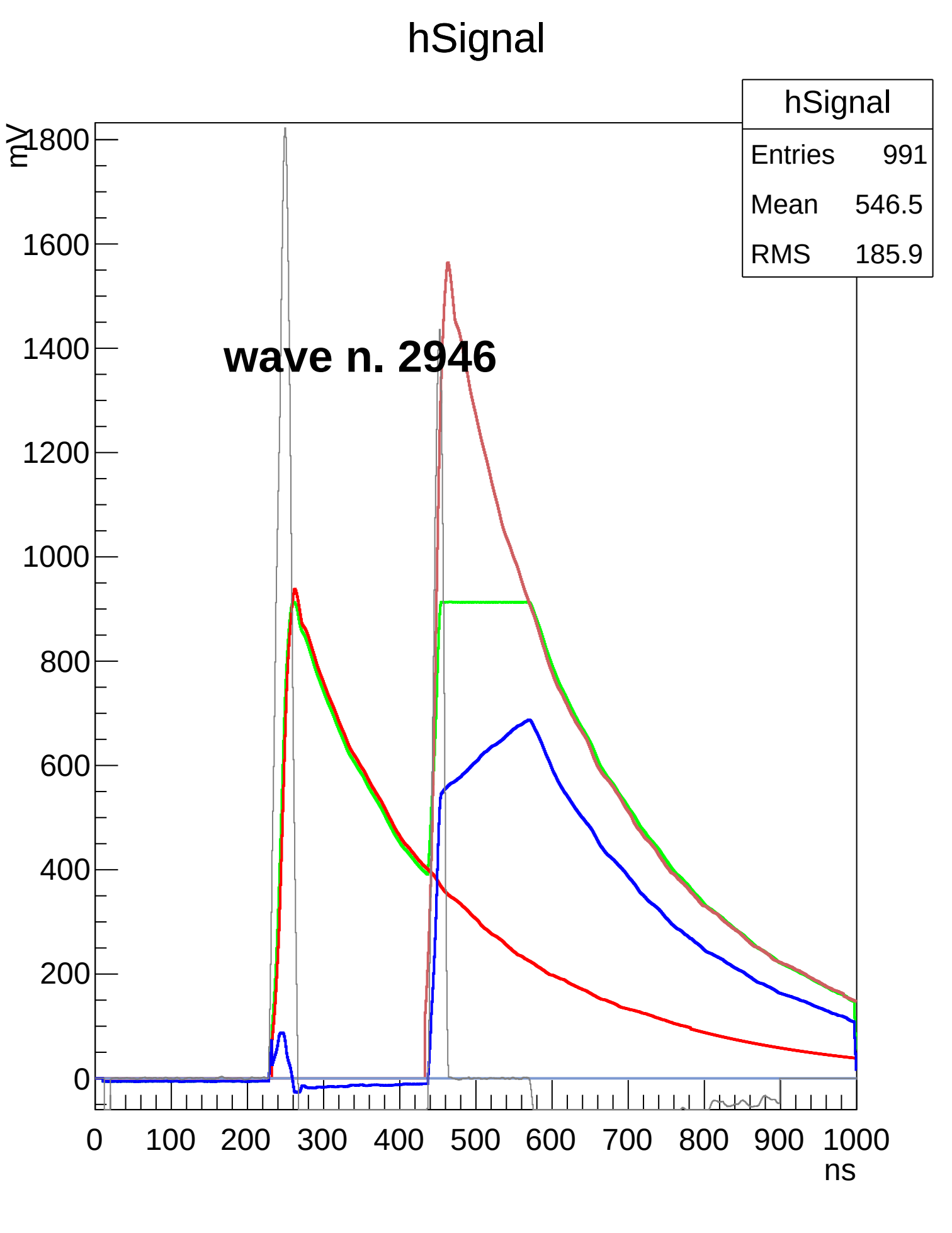
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.8
RMS 170.4
wave n. 2945
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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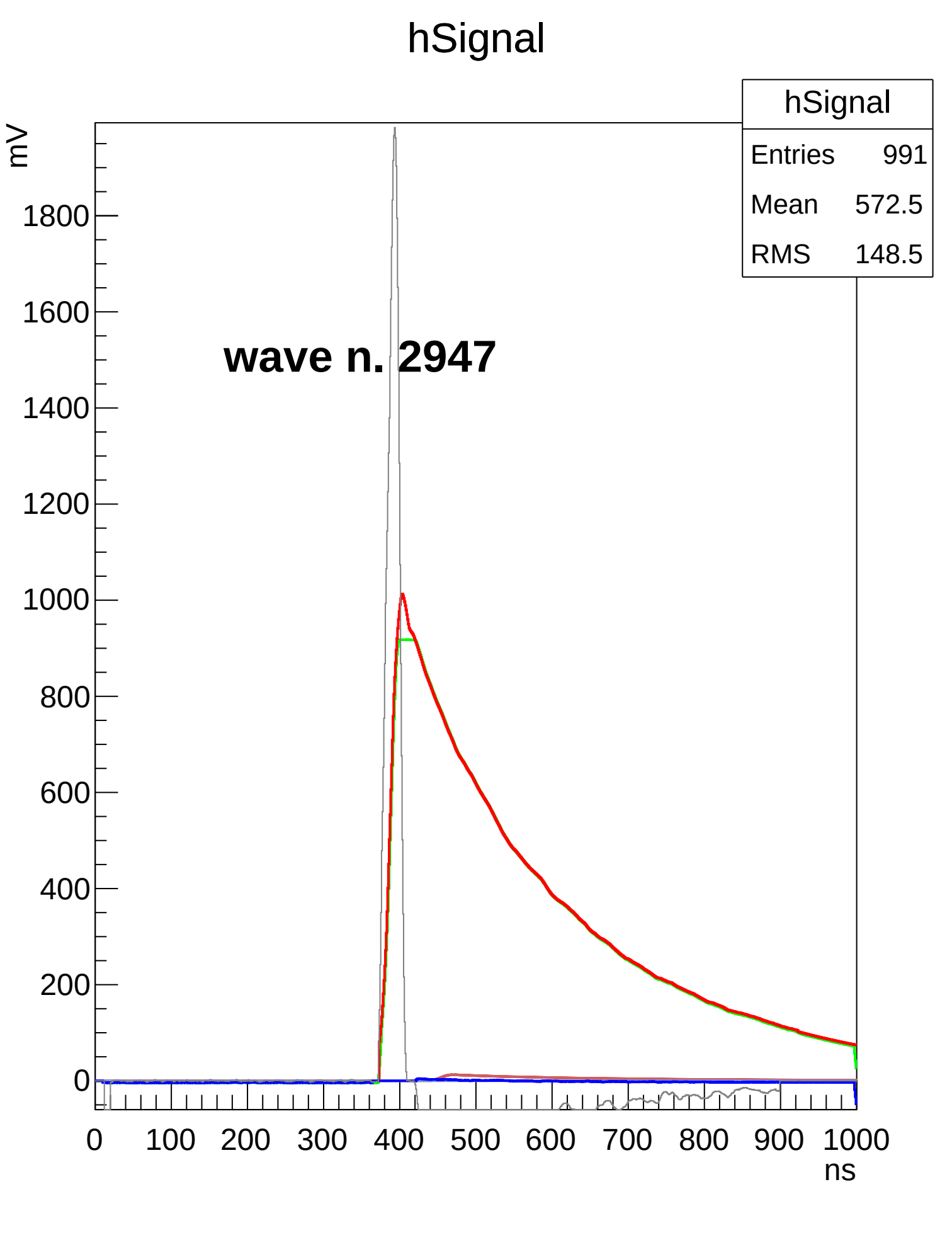
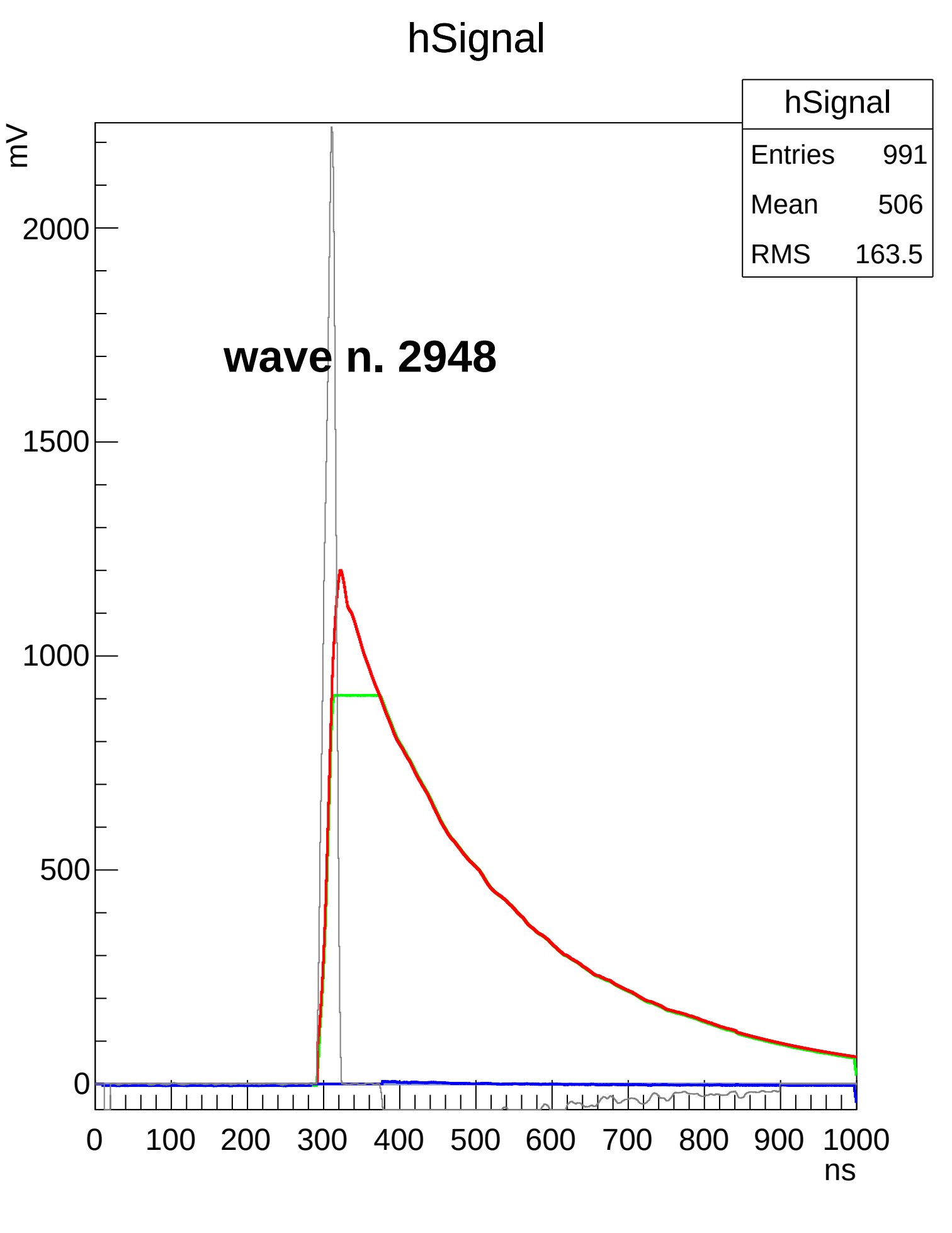
hSignal
Entries 991
Mean 546.5
RMS 185.9
wave n. 2946
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 572.5
RMS 148.5
wave n. 2947
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 506
RMS 163.5
wave n. 2948
mV
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1500
1000
500
0
0
100
200
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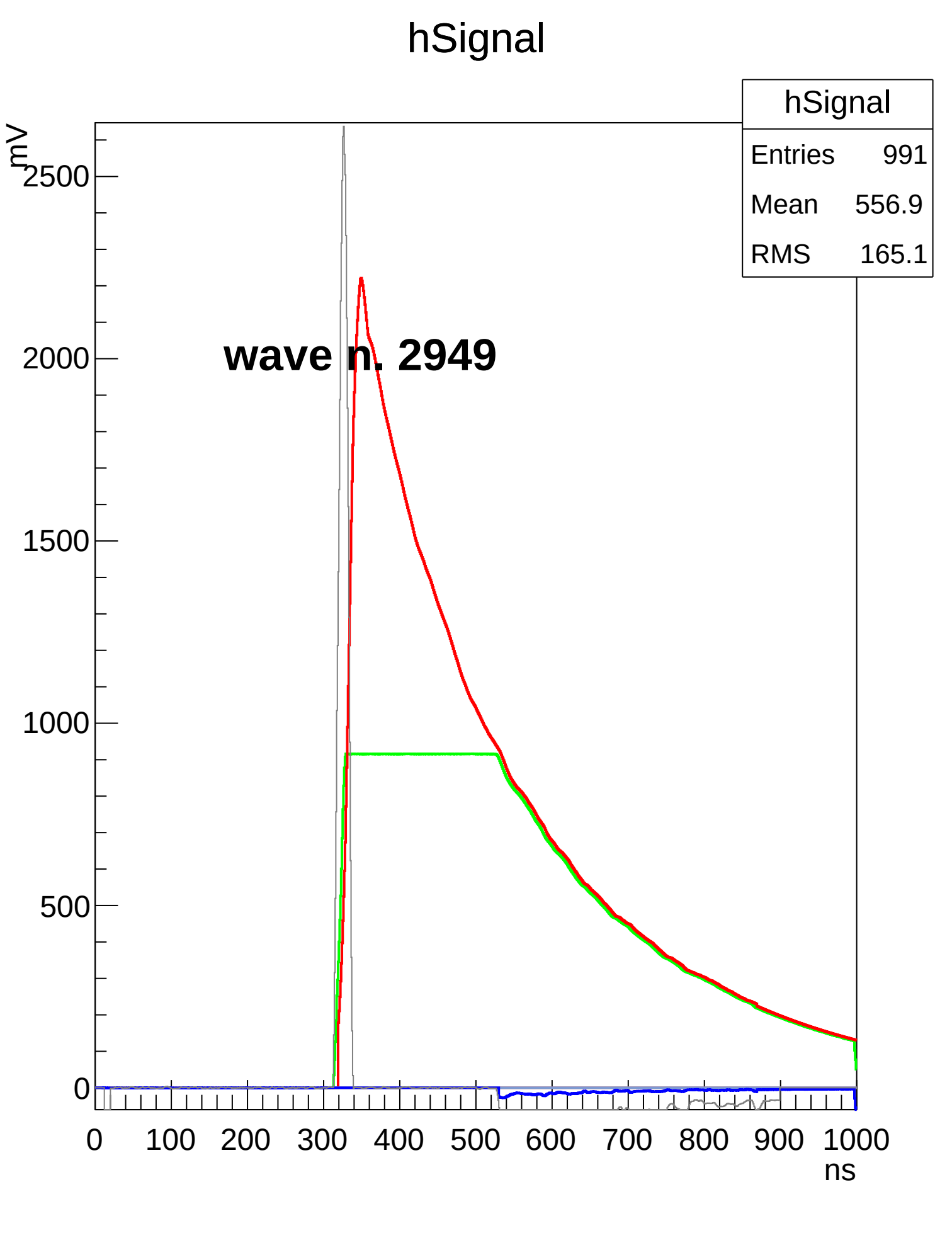
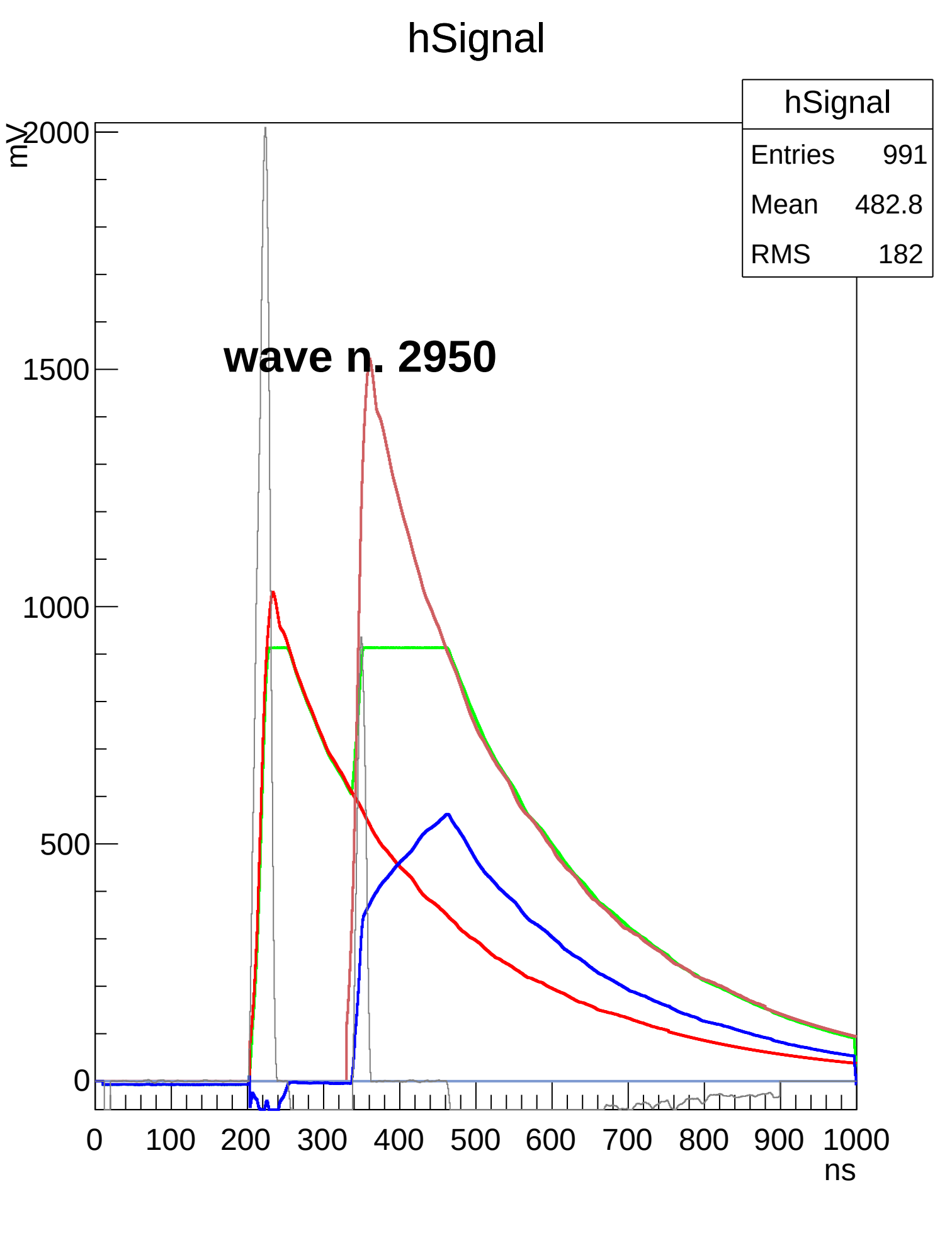
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.9
RMS 165.1
wave n. 2949
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 482.8
RMS 182
wave n. 2950
mV
2000
1500
1000
500
0
0
100
200
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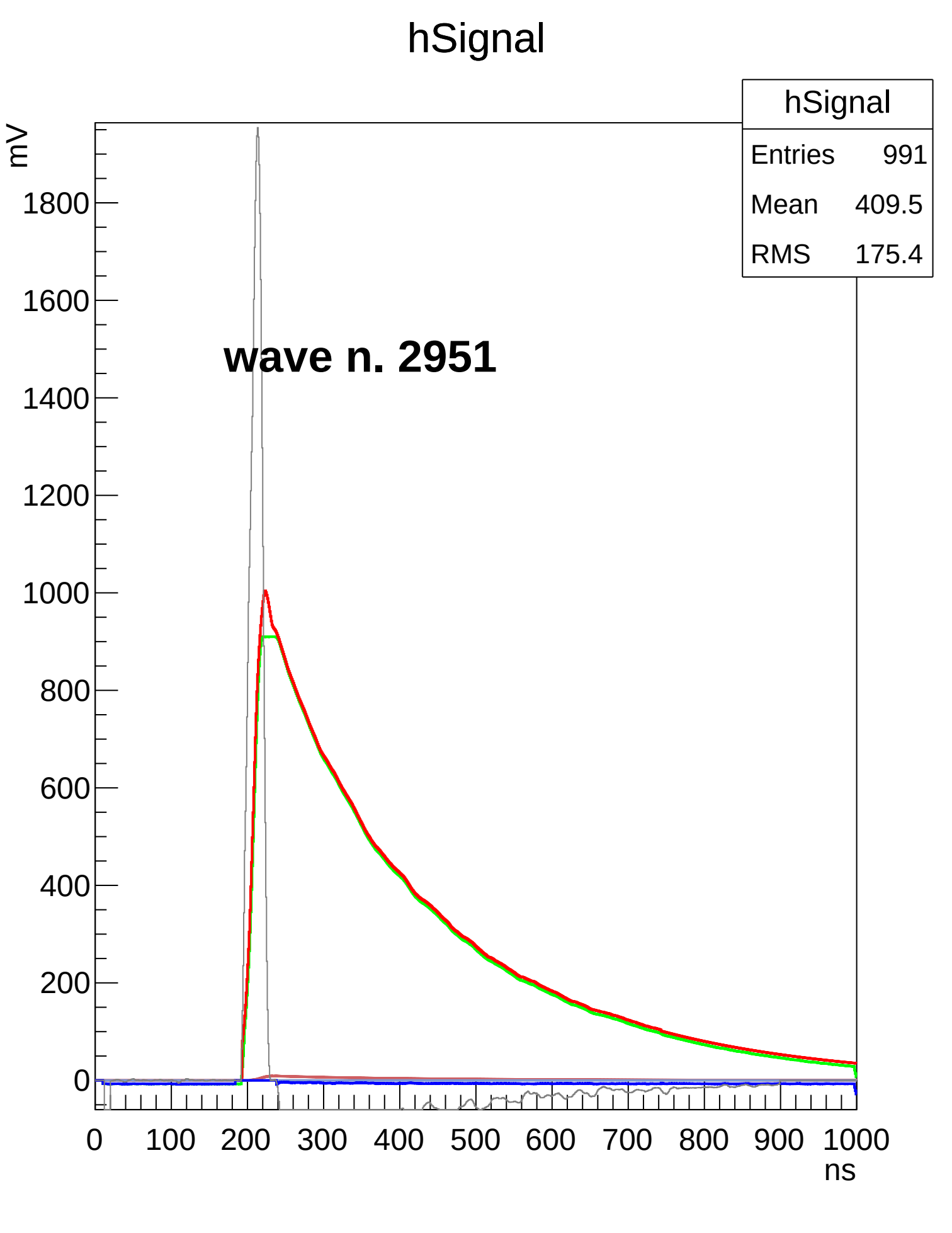
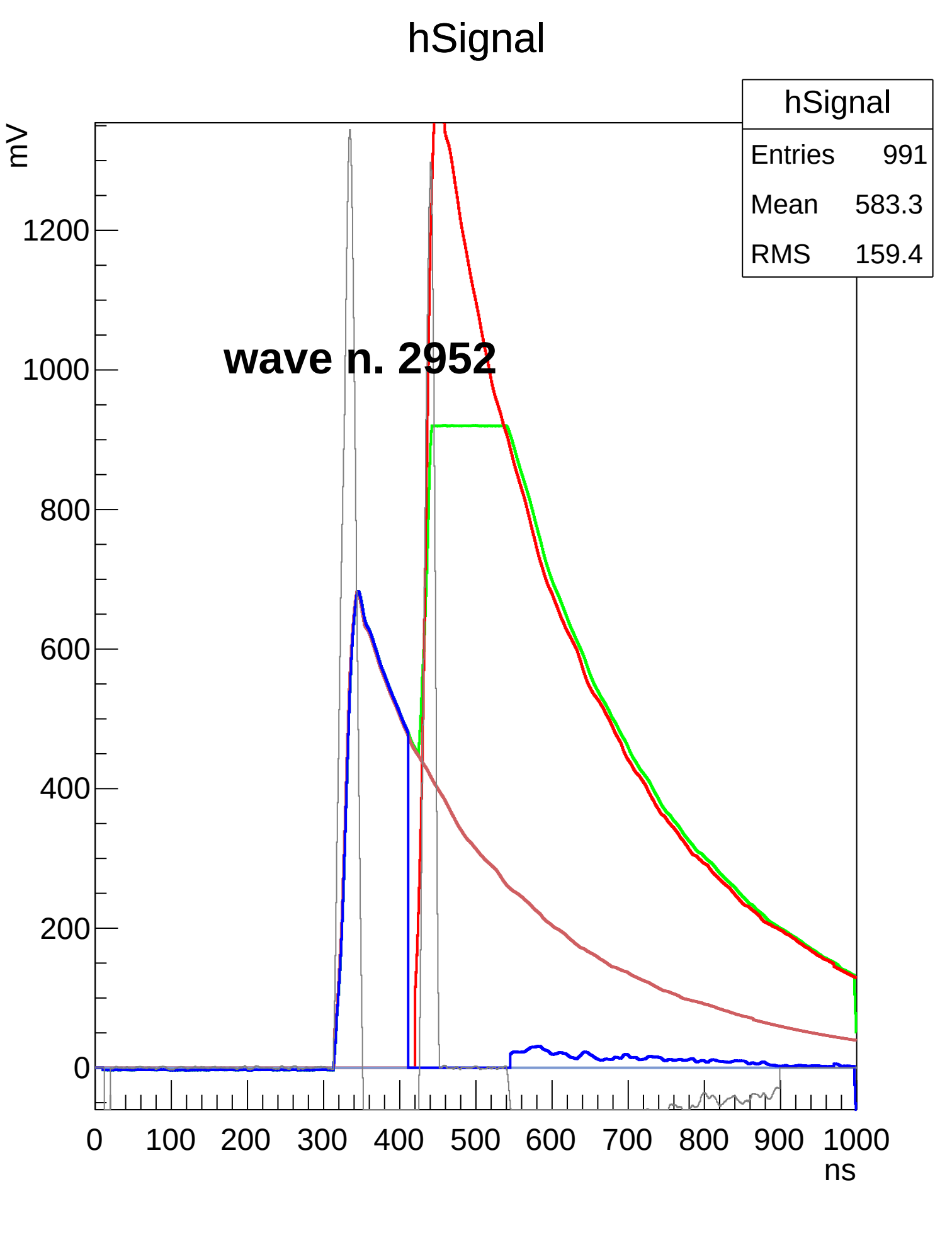
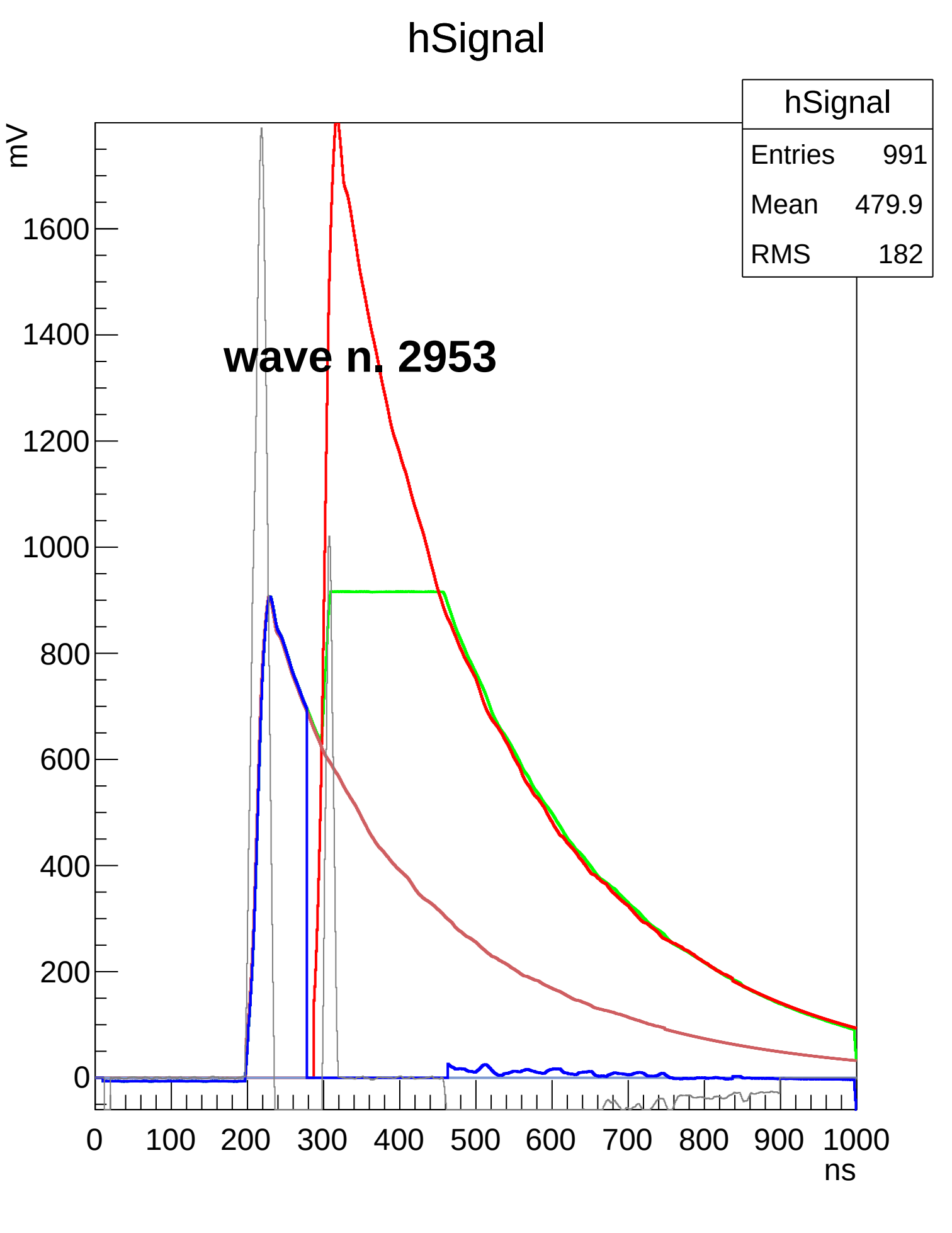
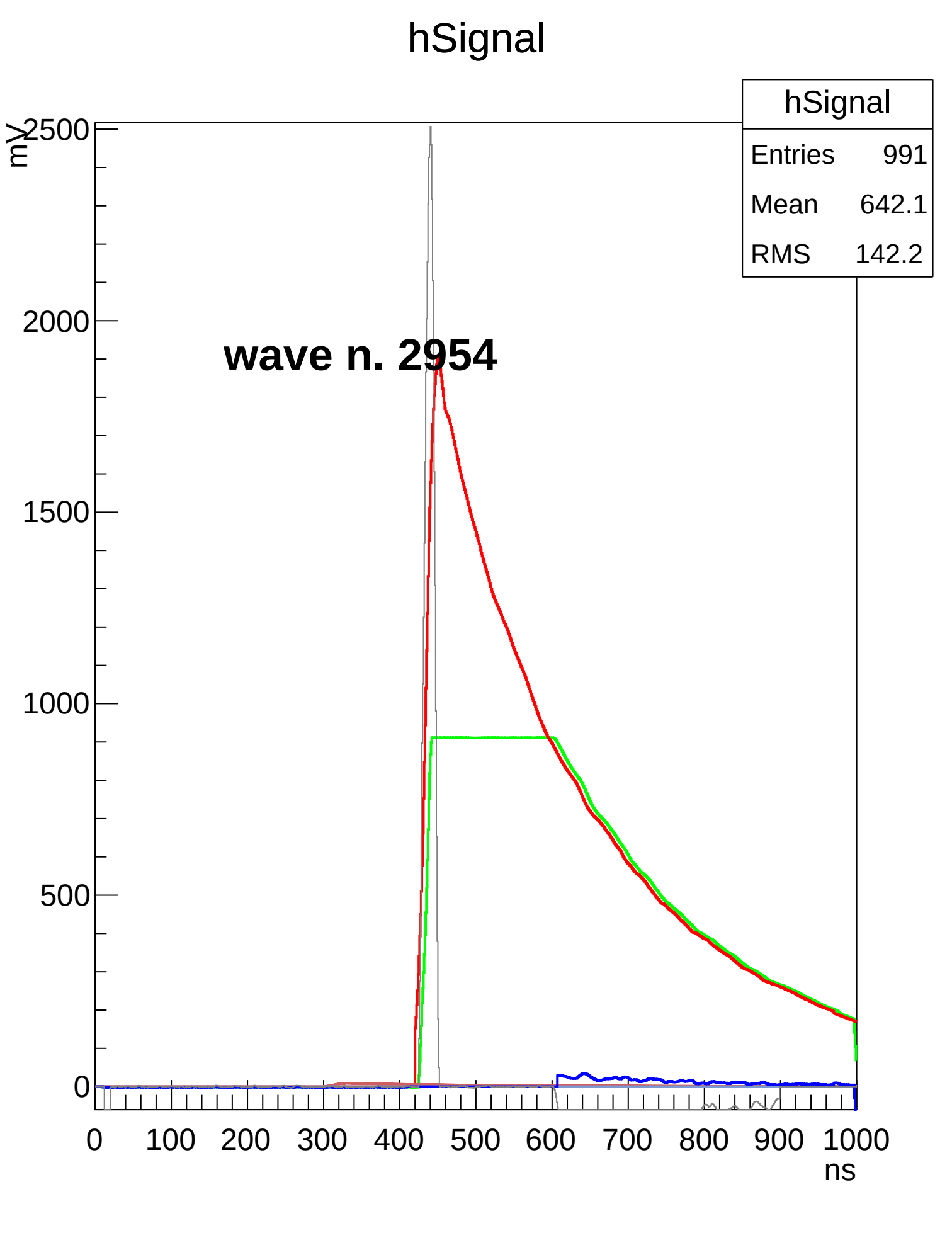
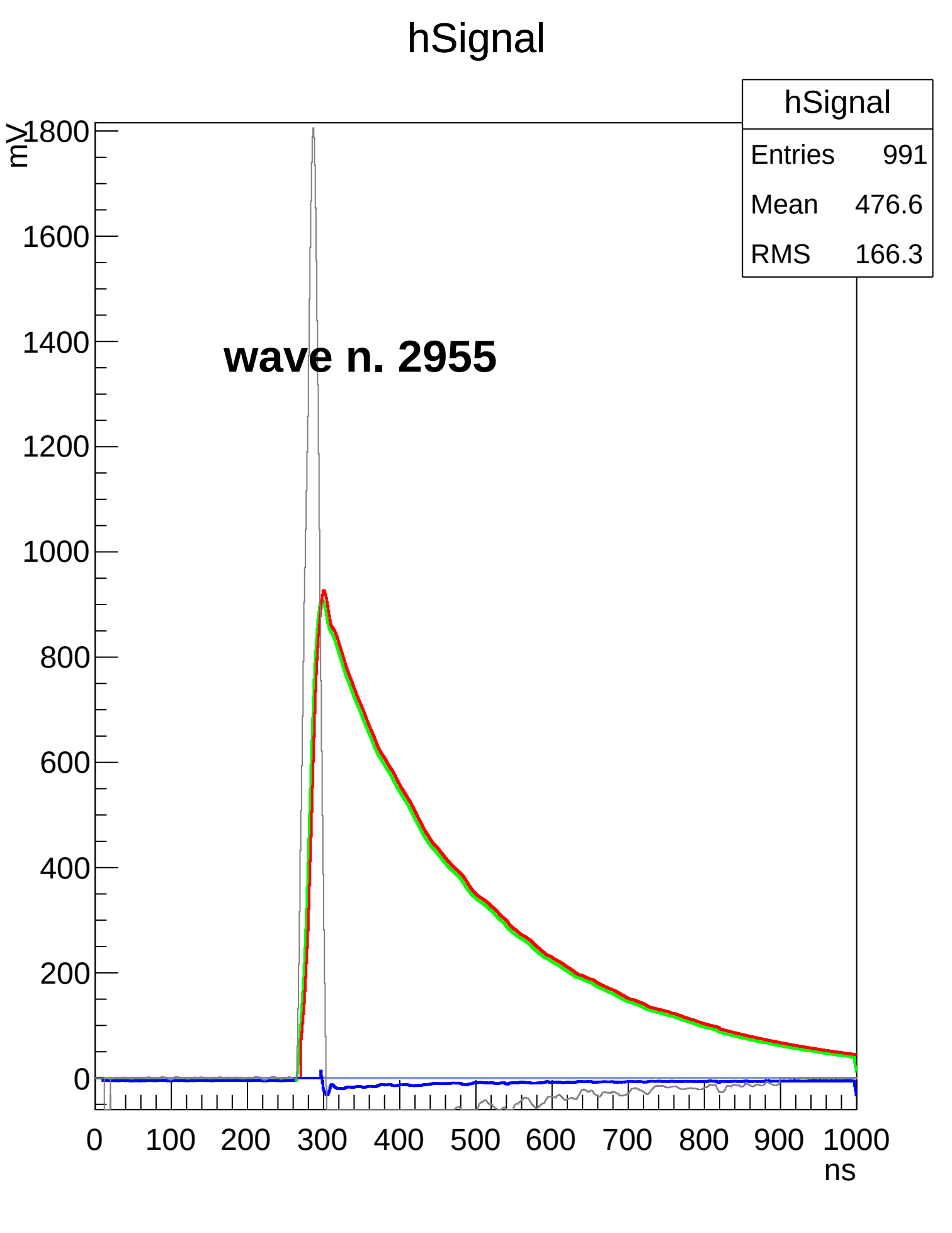
800
900
1000
ns

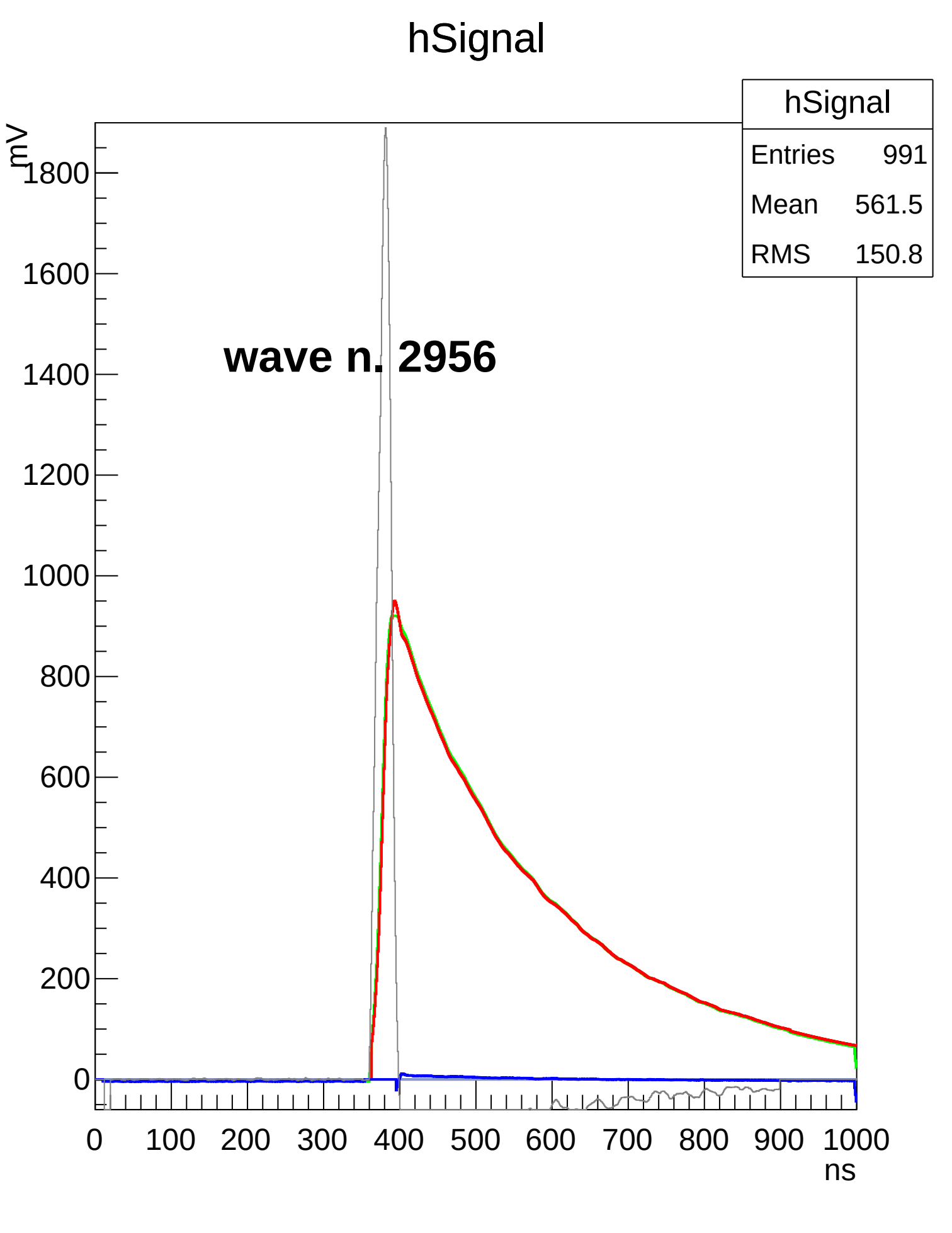

hSignal
hSignal
Entries 991
Mean 409.5
RMS 175.4
wave n. 2951
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 583.3
RMS 159.4
wave n. 2952
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 479.9
RMS 182
wave n. 2953
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 642.1
RMS 142.2
wave n. 2954
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 476.6
RMS 166.3
wave n. 2955
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.5
RMS 150.8
wave n. 2956
mV
1800
1600
1400
1200
1000
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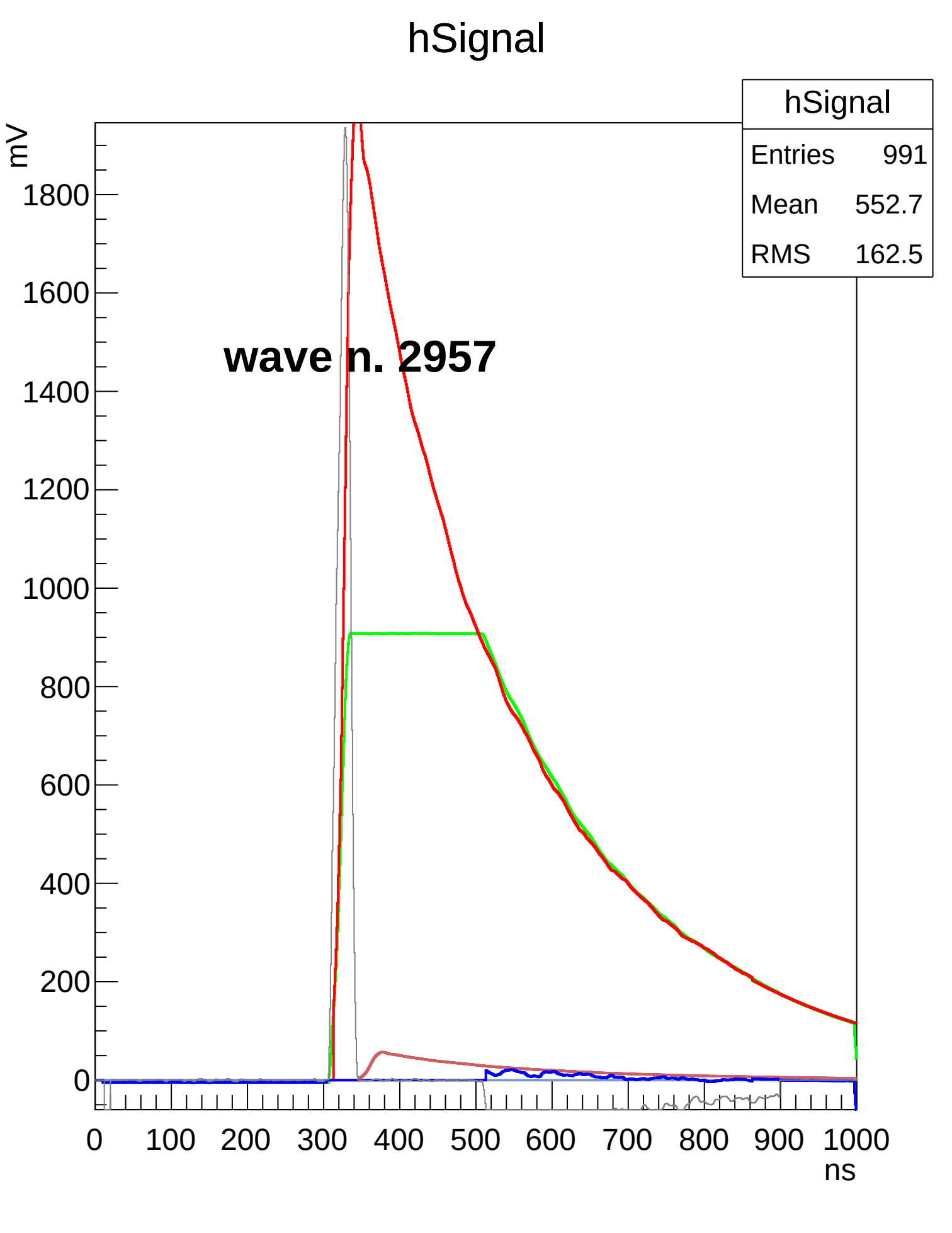
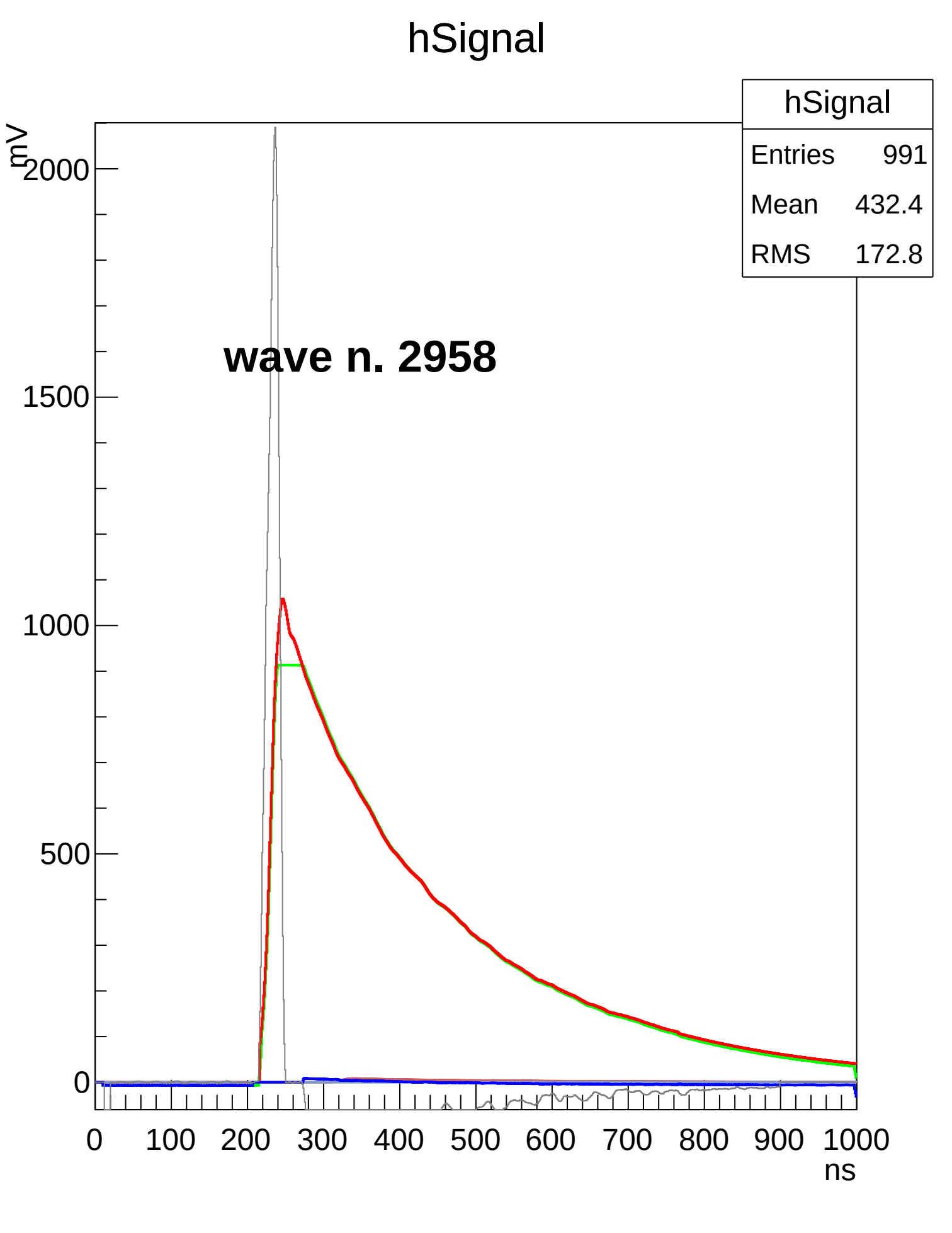
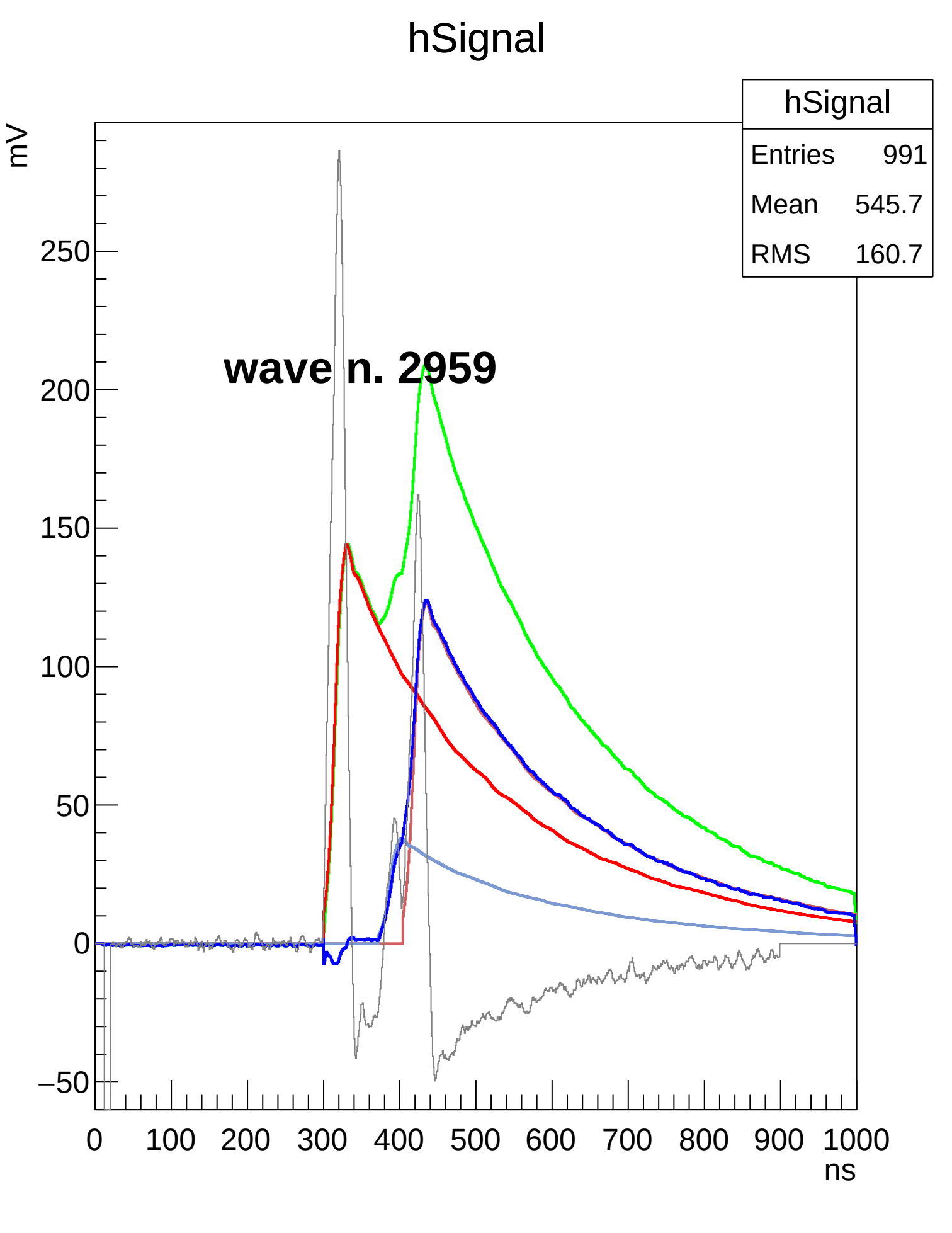
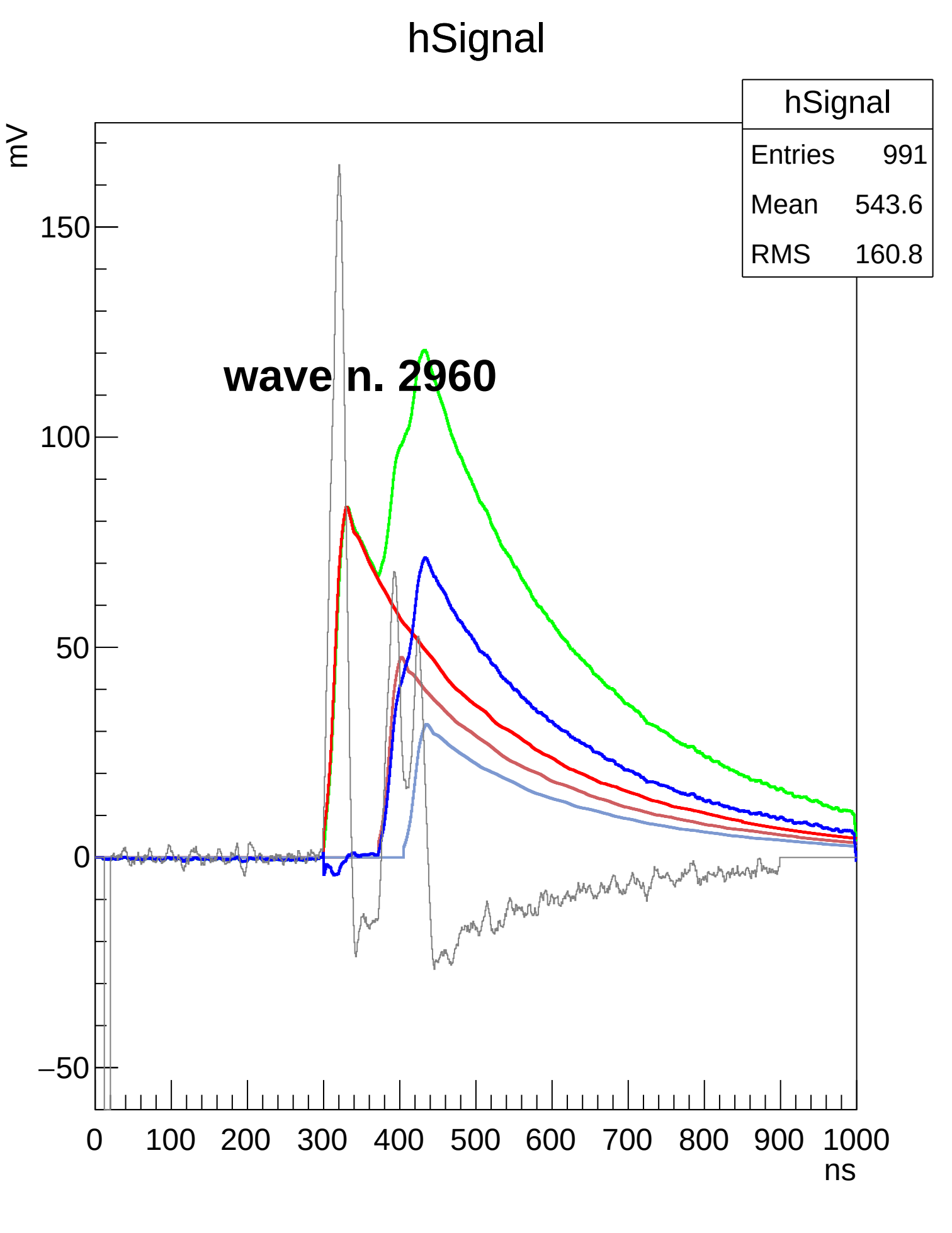
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.7
RMS 162.5
wave n. 2957
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 432.4
RMS 172.8
wave n. 2958
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 545.7
RMS 160.7
wave n. 2959
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 543.6
RMS 160.8
wave n. 2960
mV
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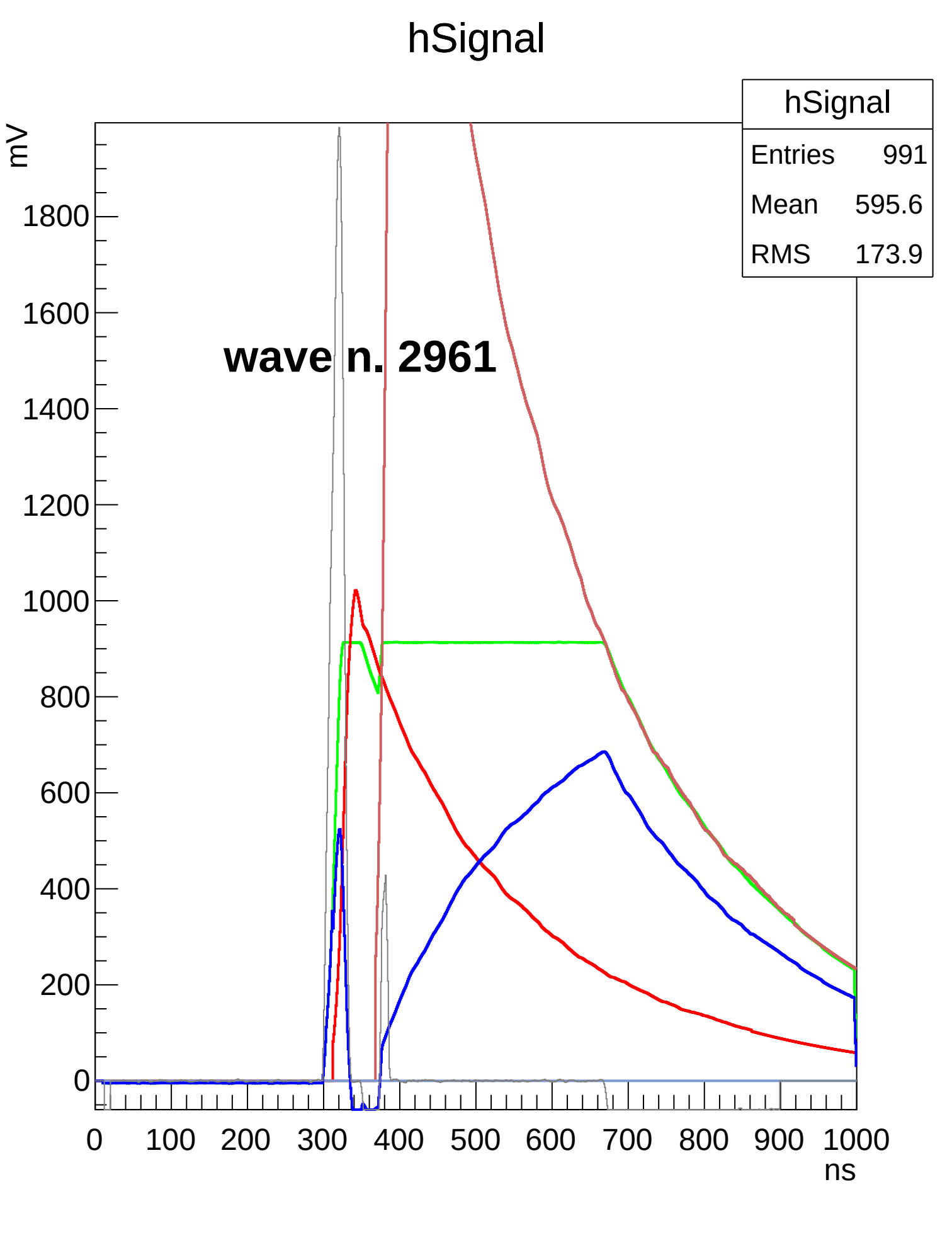
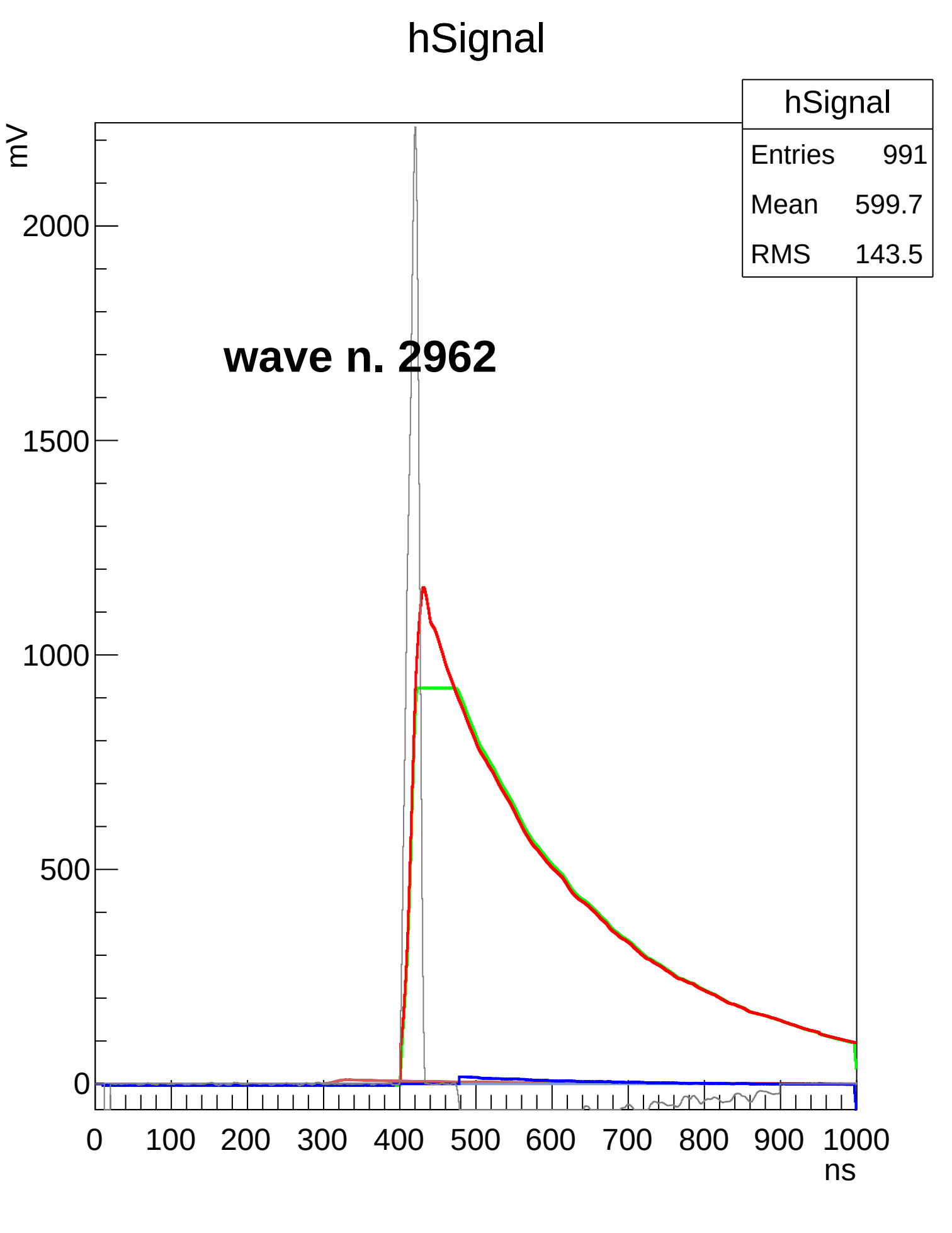
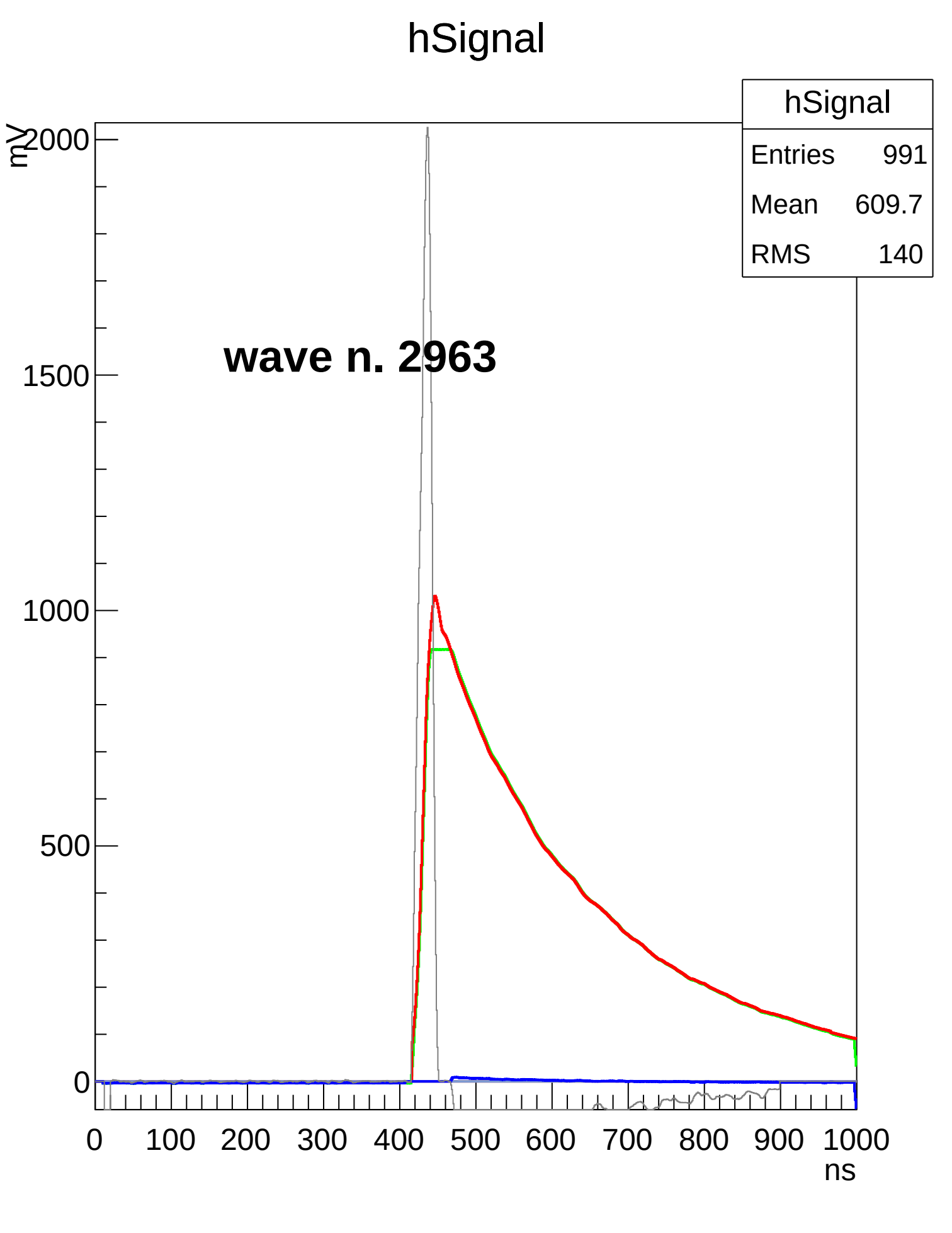
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 595.6
RMS 173.9
wave n. 2961
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 599.7
RMS 143.5
wave n. 2962
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 609.7
RMS 140
wave n. 2963
mV
2000
1500
1000
500
0
0
100
200
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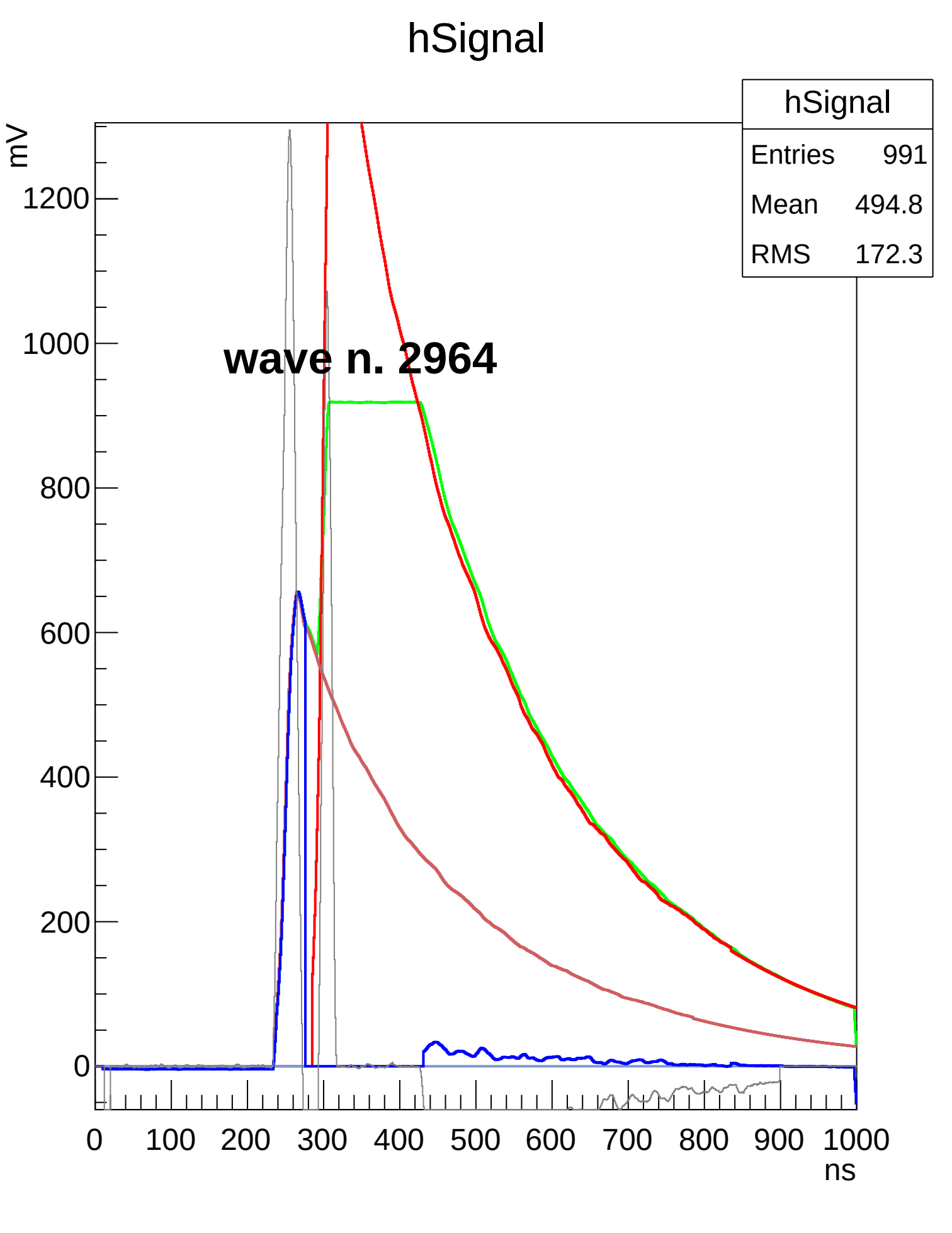
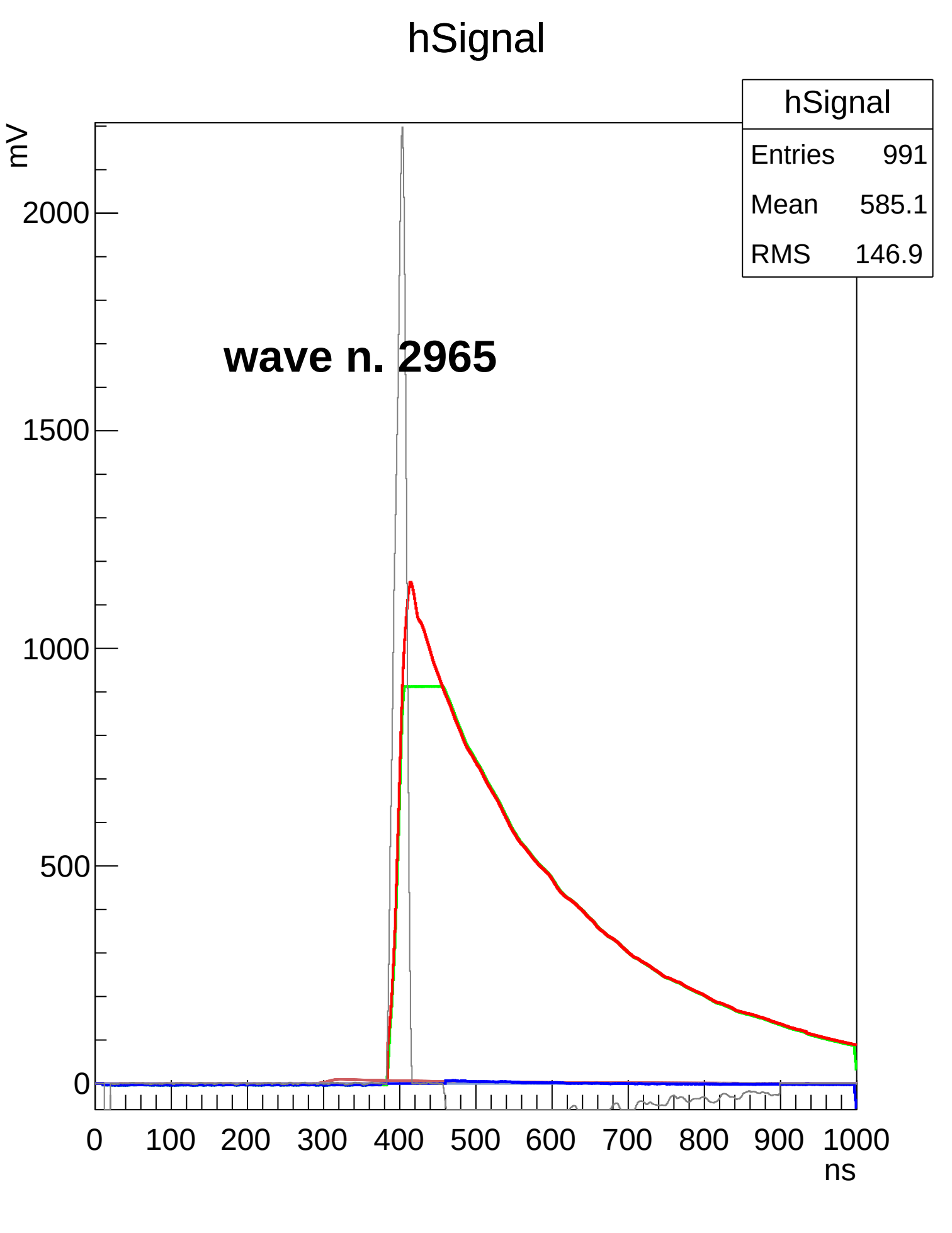
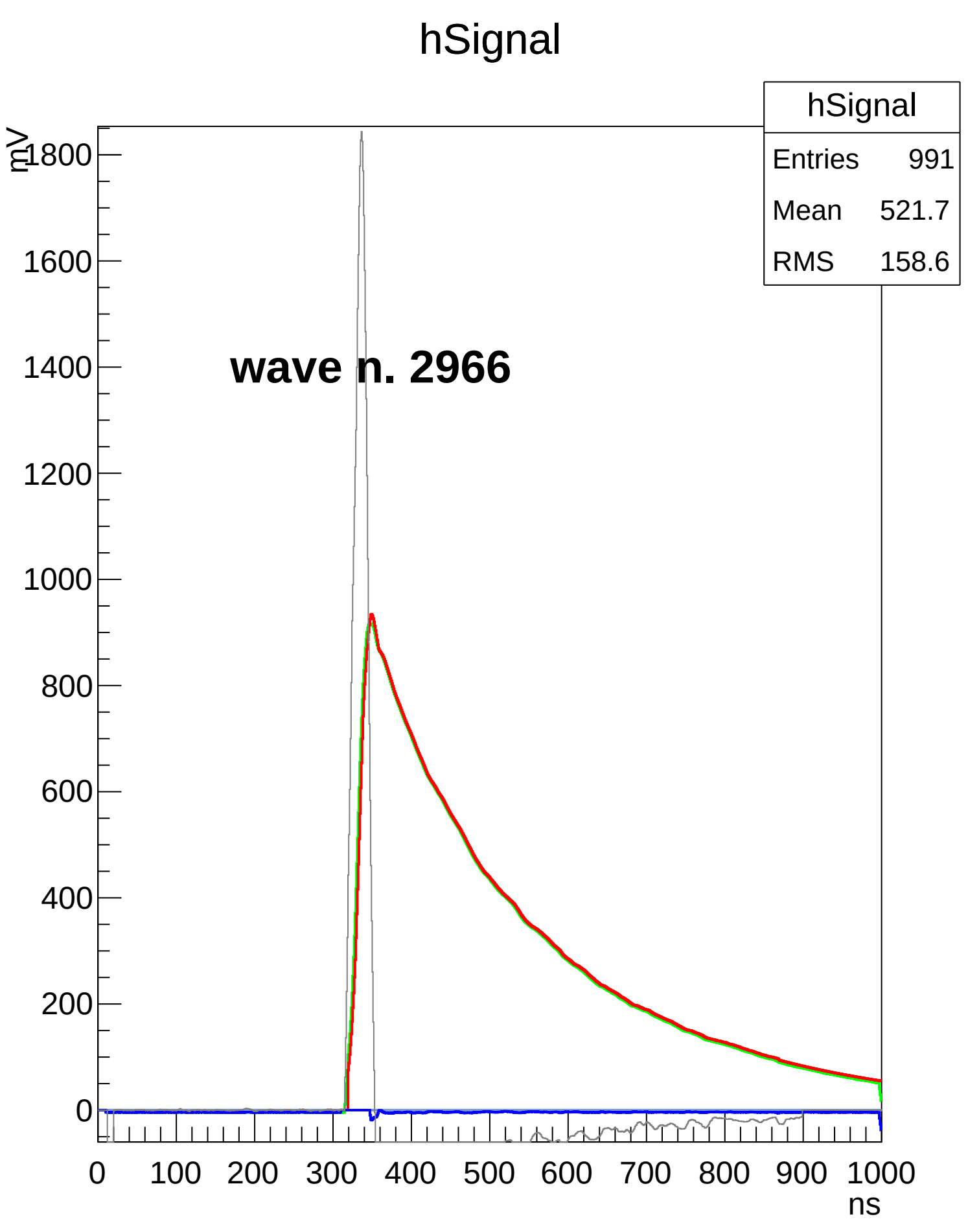
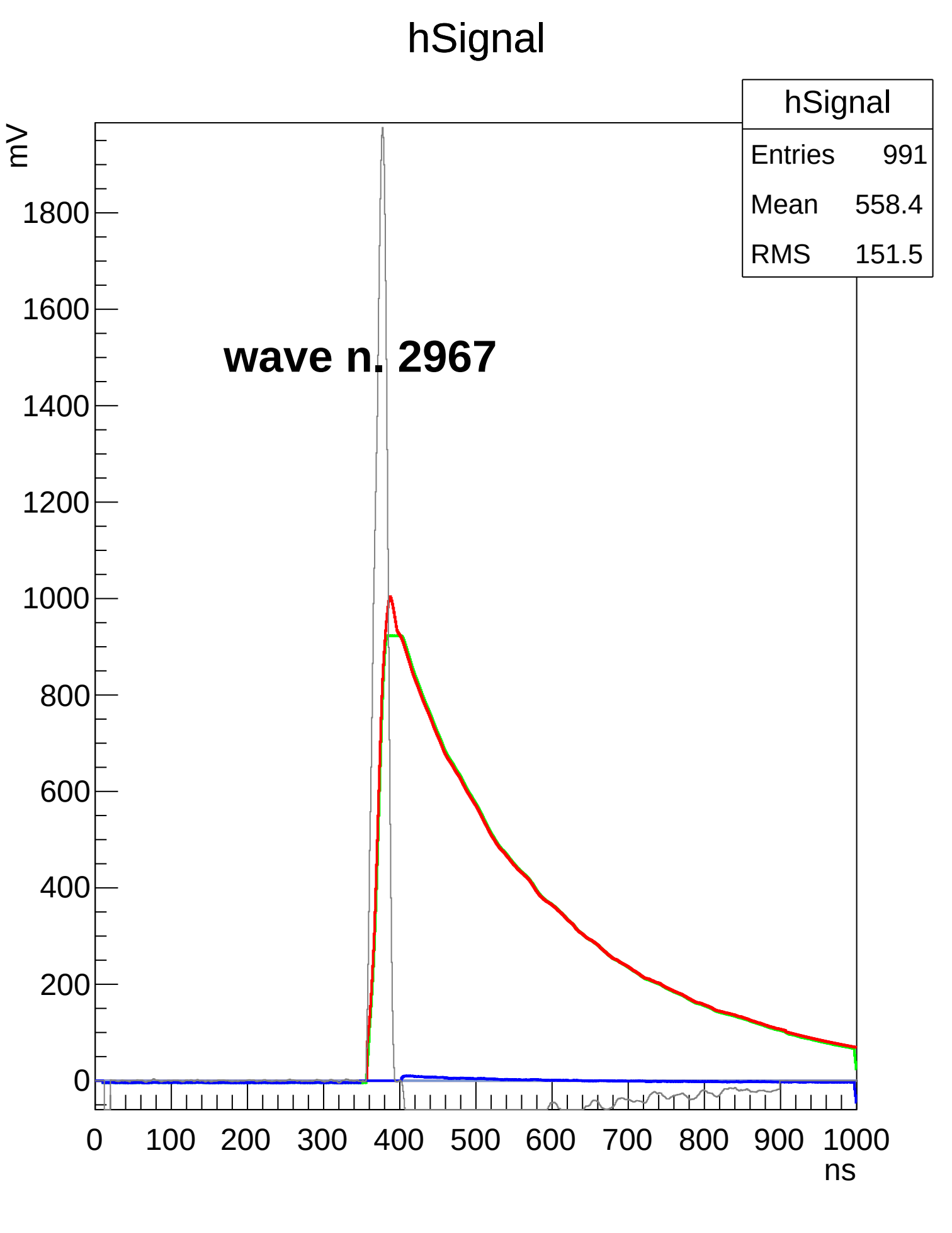
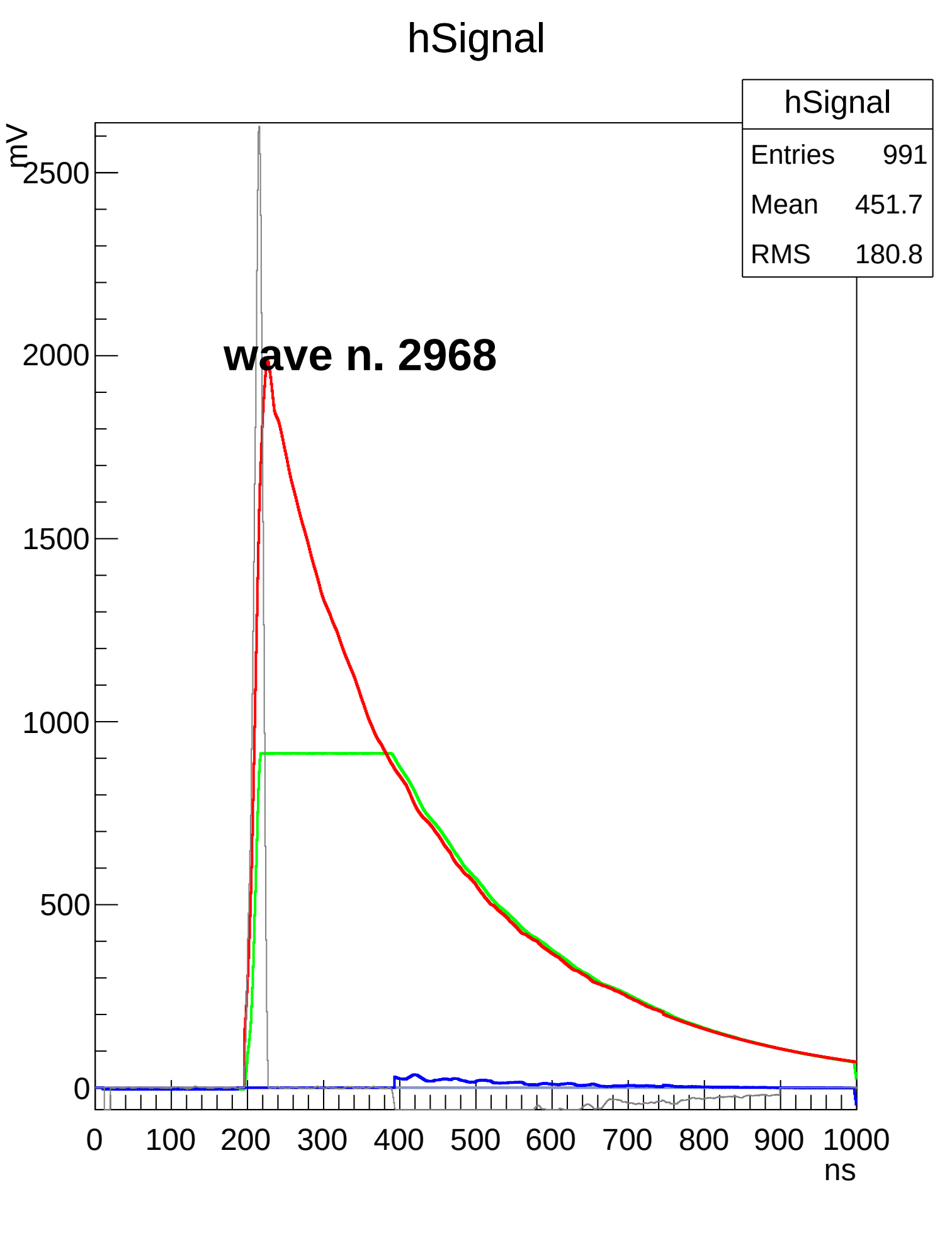
700
800
900
1000
ns

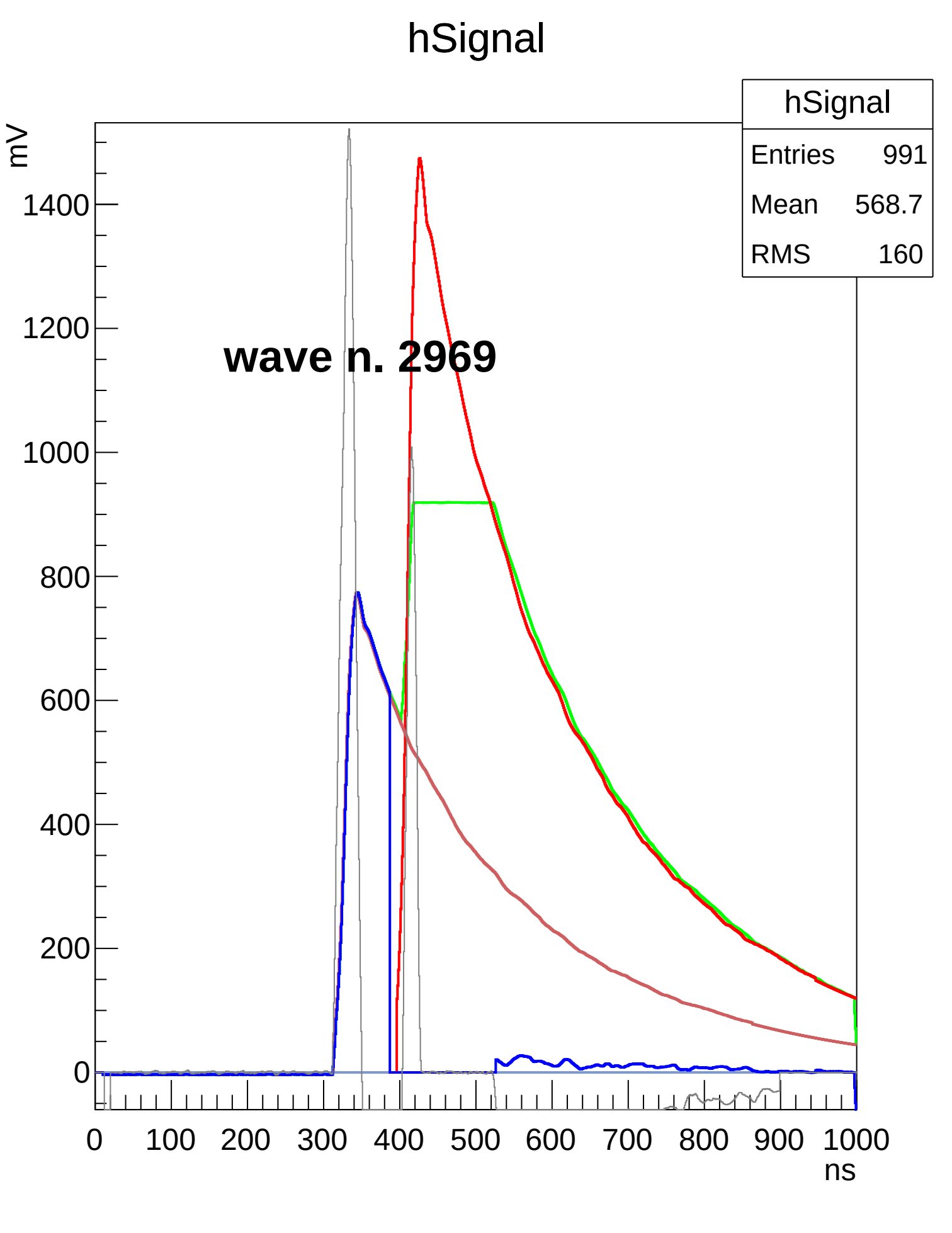

hSignal
hSignal
Entries 991
Mean 494.8
RMS 172.3
wave n. 2964
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

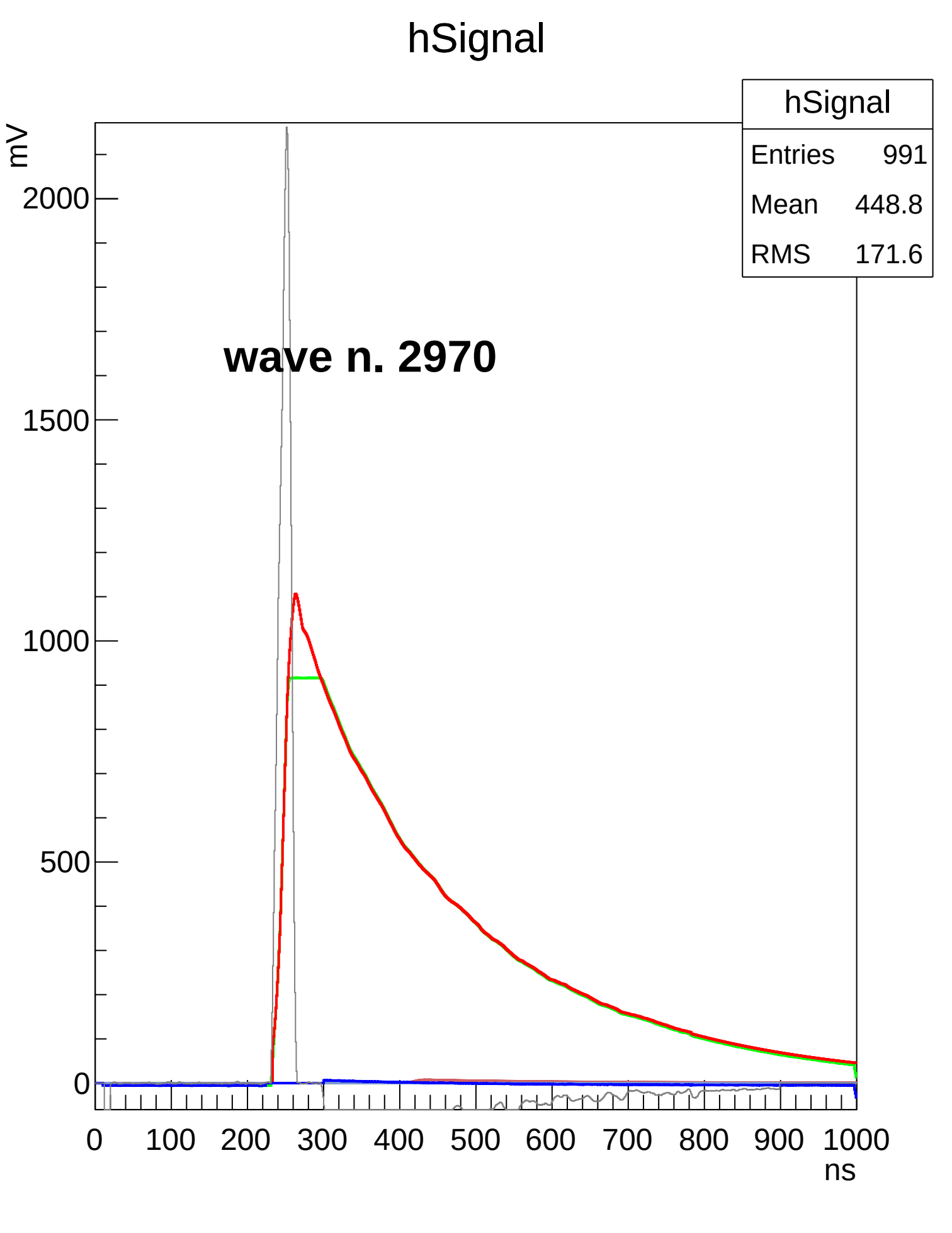

hSignal
hSignal
Entries 991
Mean 585.1
RMS 146.9
wave n. 2965
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

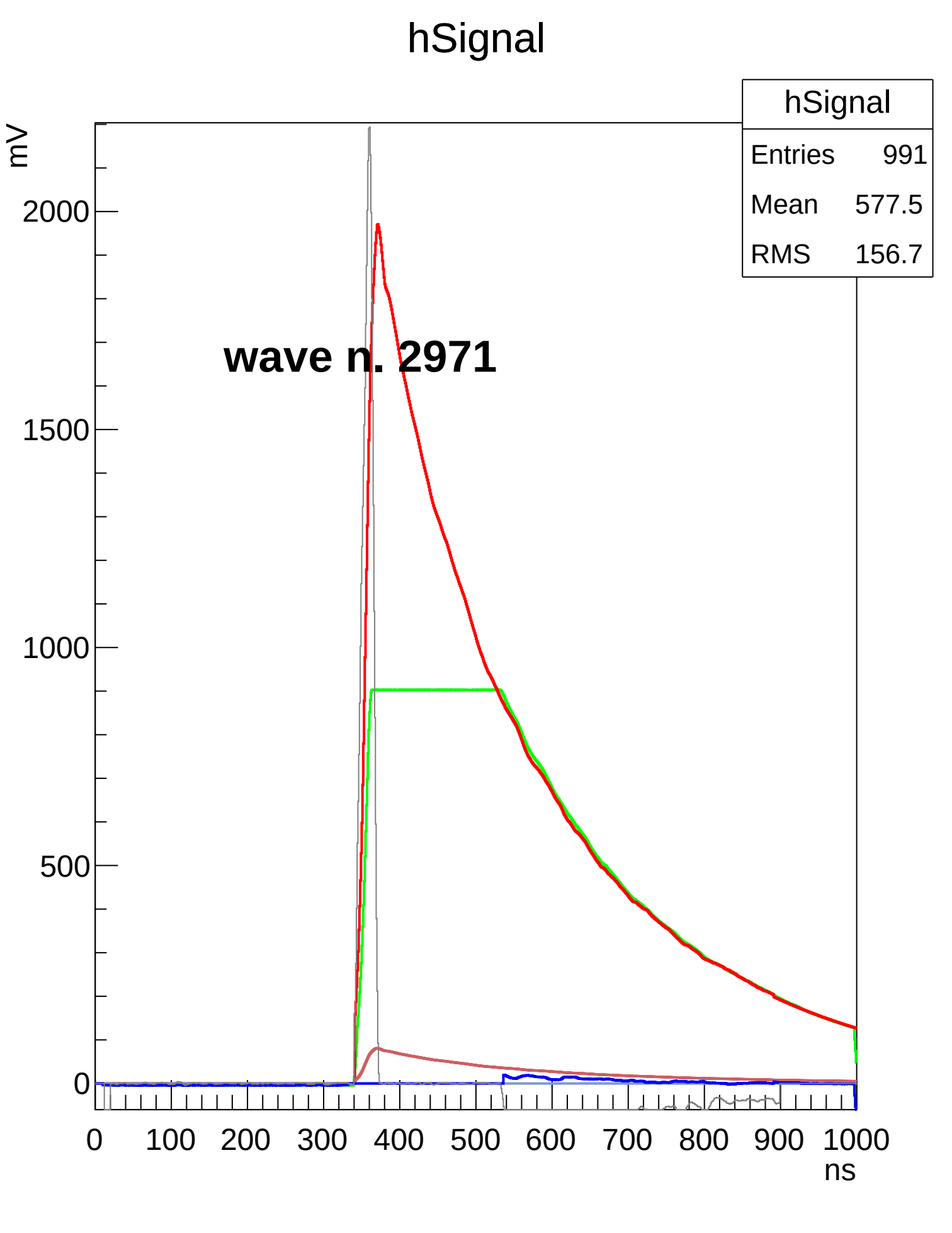

hSignal
hSignal
Entries 991
Mean 521.7
RMS 158.6
wave n. 2966
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

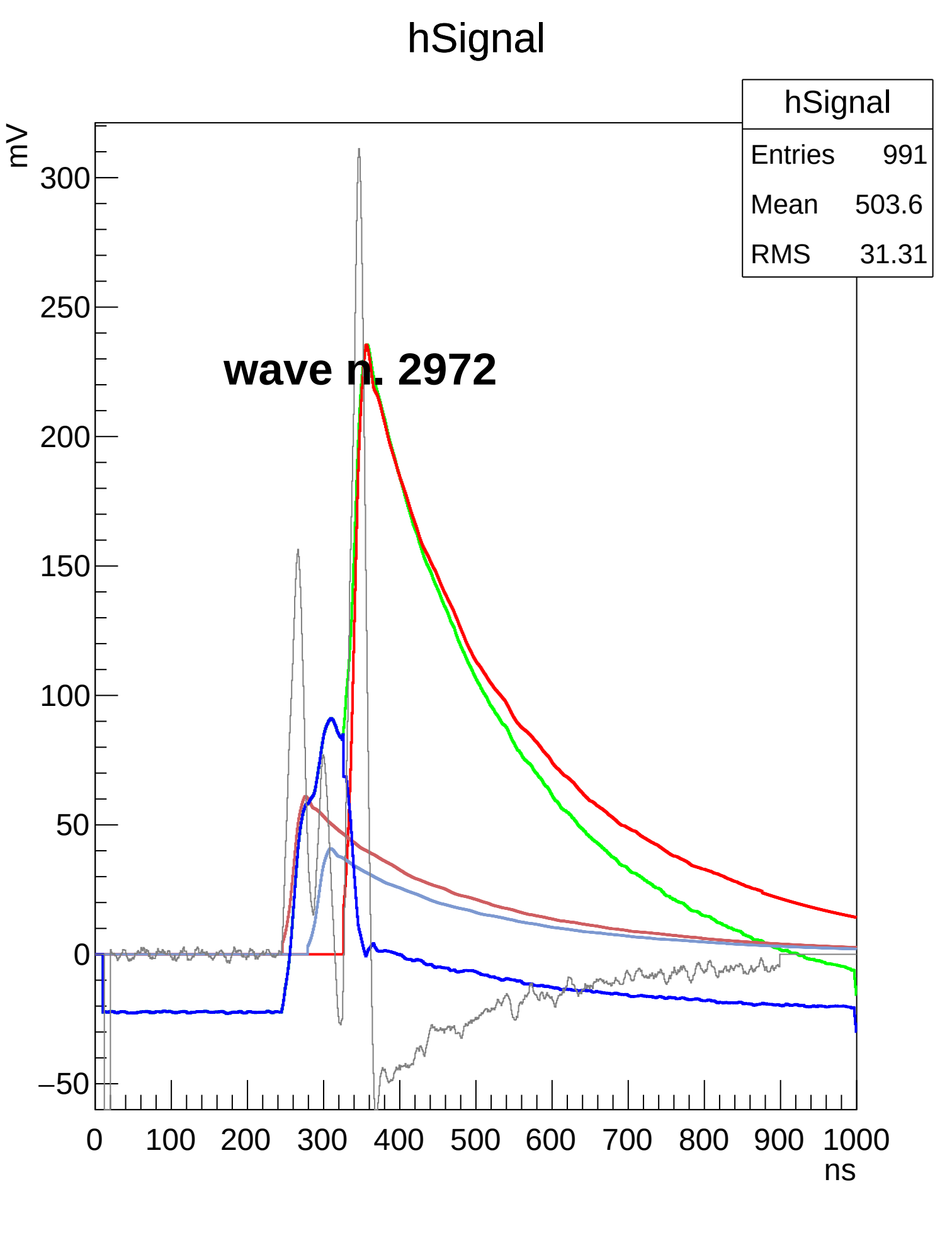

hSignal
hSignal
Entries 991
Mean 558.4
RMS 151.5
wave n. 2967
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

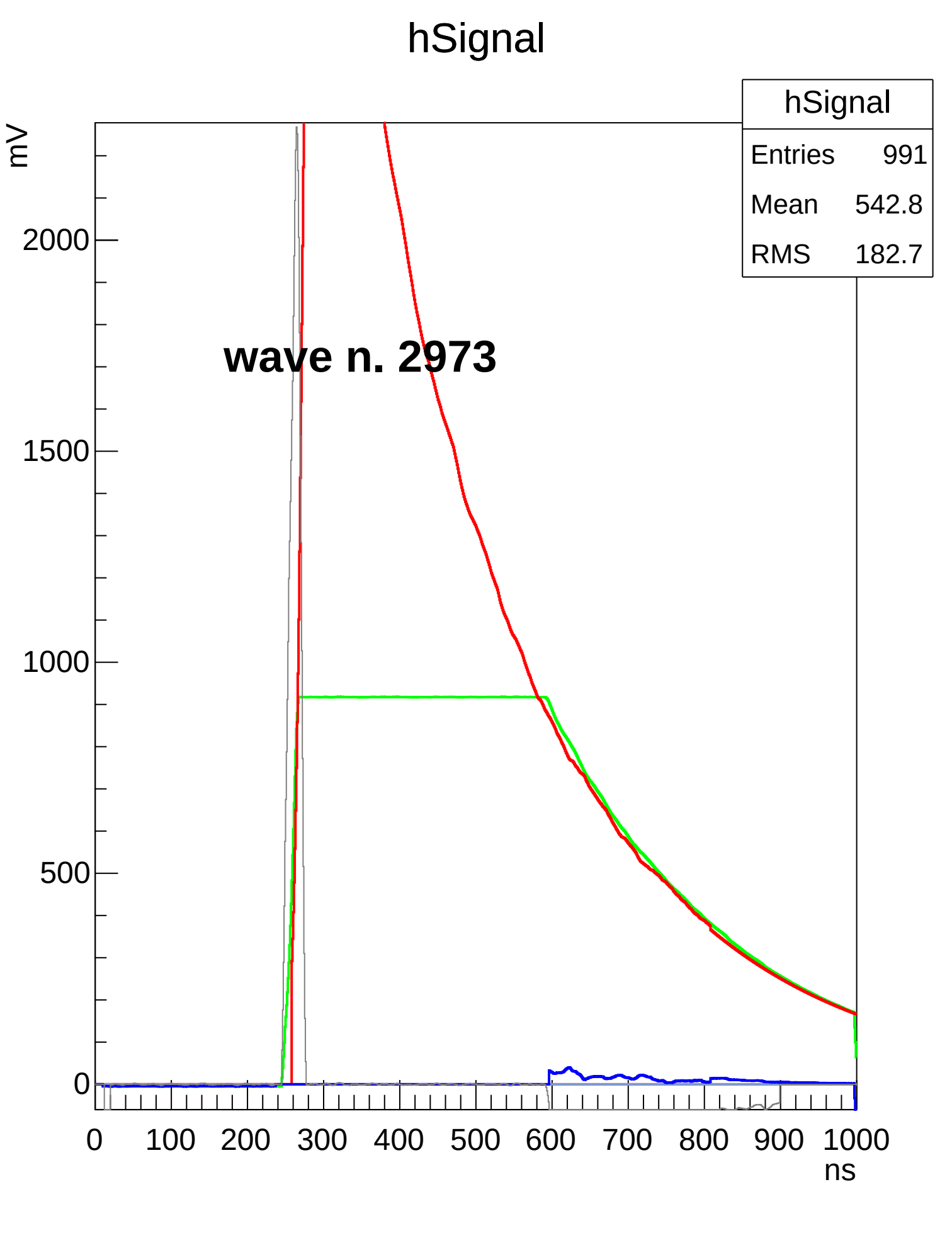

hSignal
hSignal
Entries 991
Mean 451.7
RMS 180.8
wave n. 2968
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 568.7
RMS 160
wave n. 2969
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 448.8
RMS 171.6
wave n. 2970
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.5
RMS 156.7
wave n. 2971
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.6
RMS 31.31
wave n. 2972
mV
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.8
RMS 182.7
wave n. 2973
mV
2000
1500
1000
500
0
0
100
200
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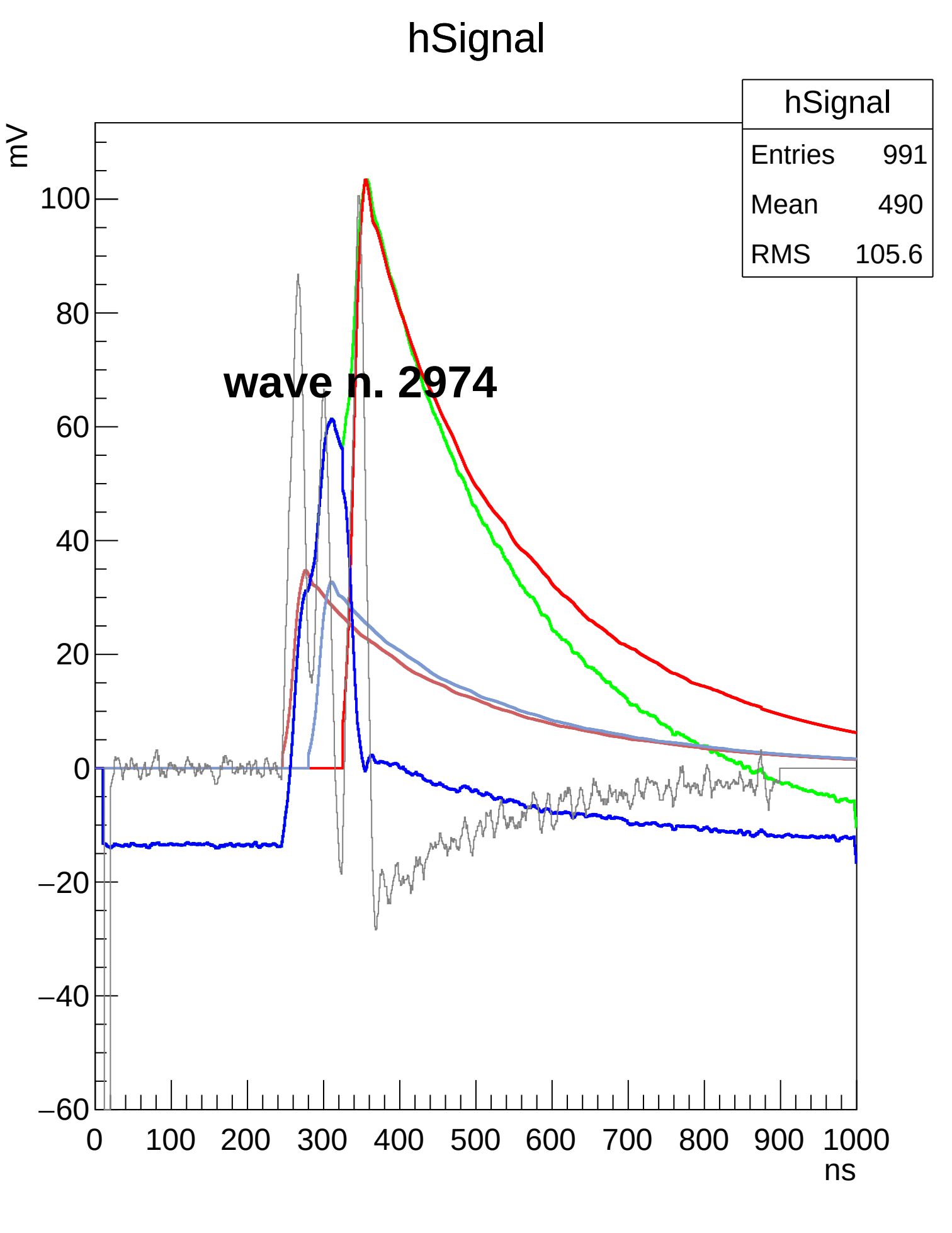
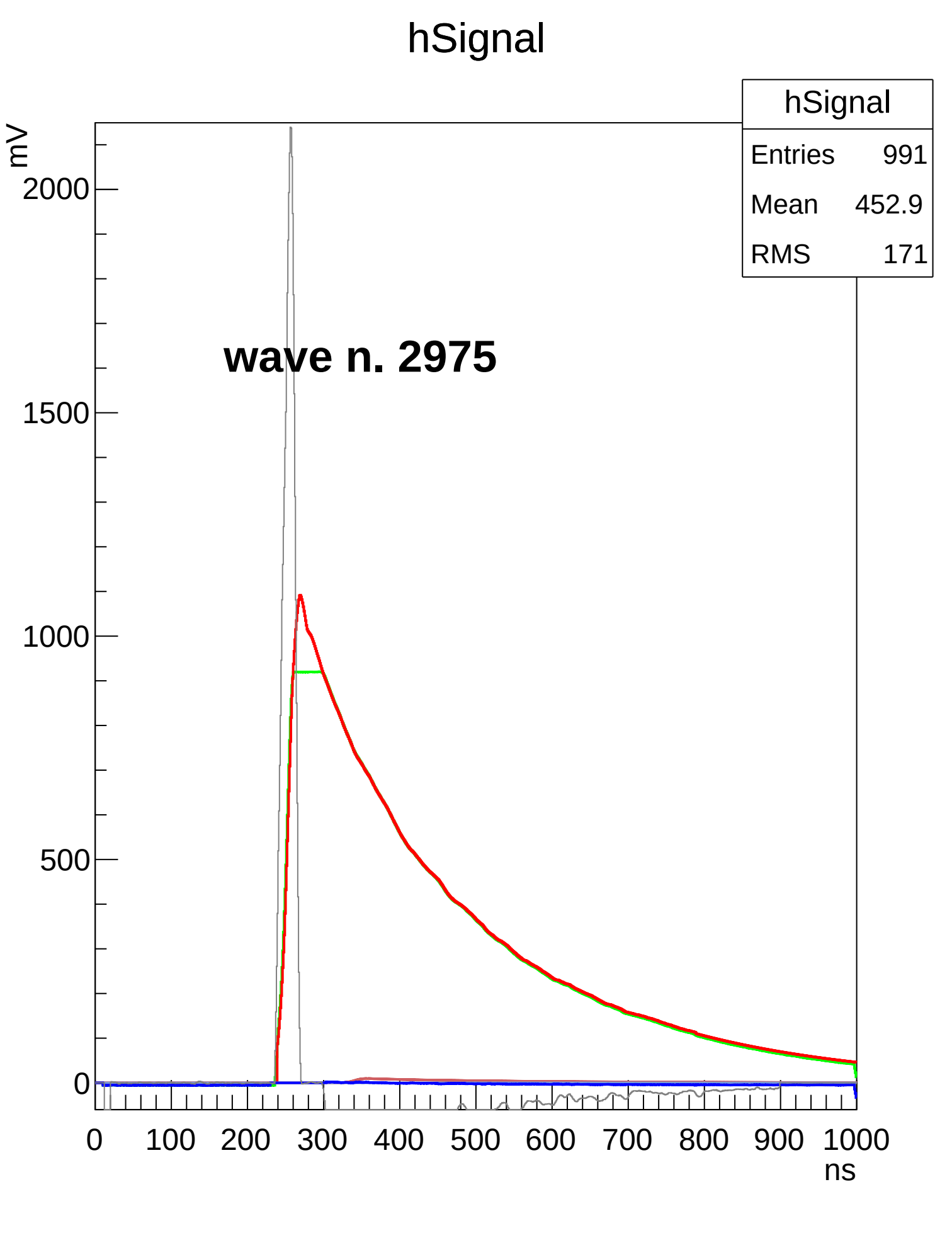
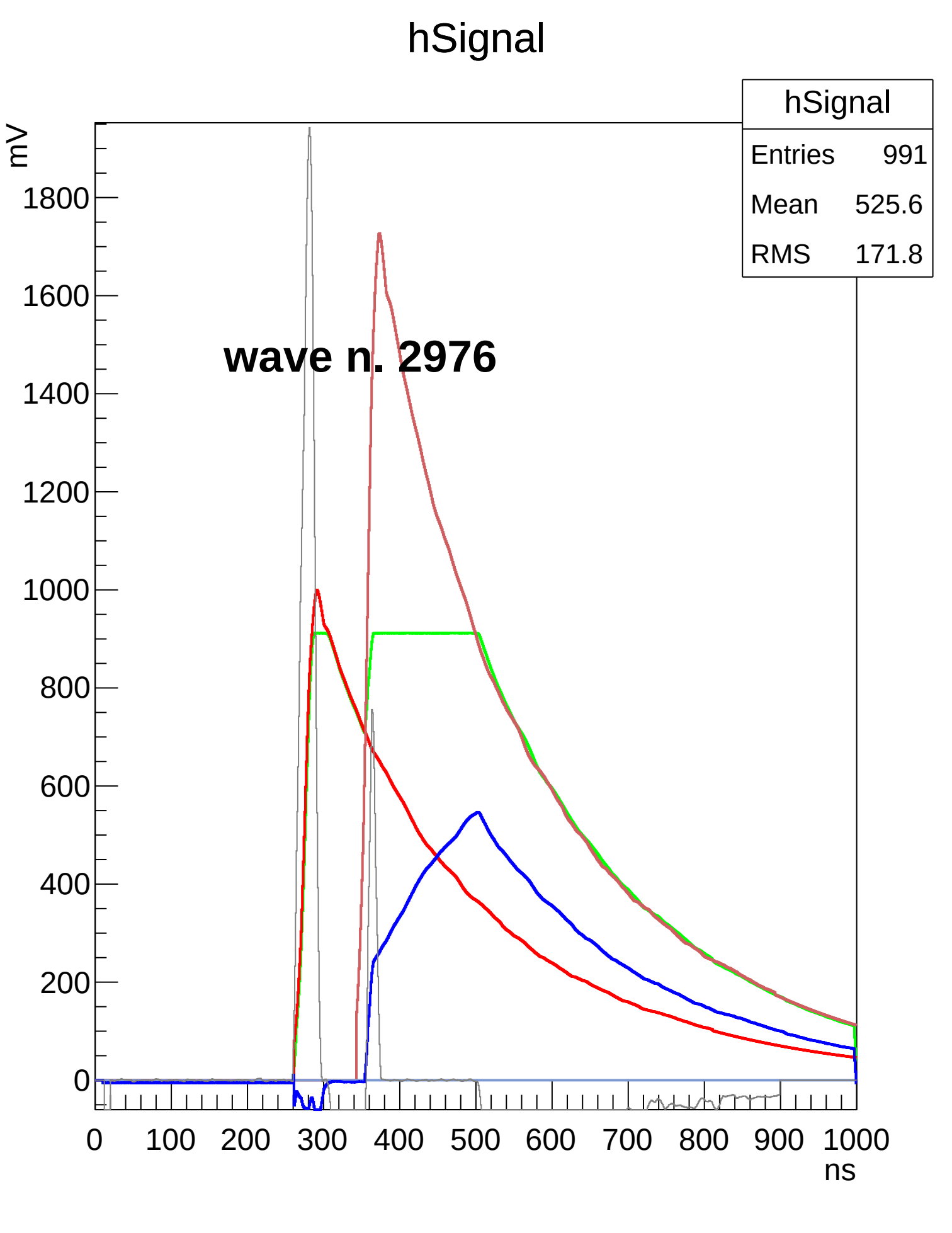
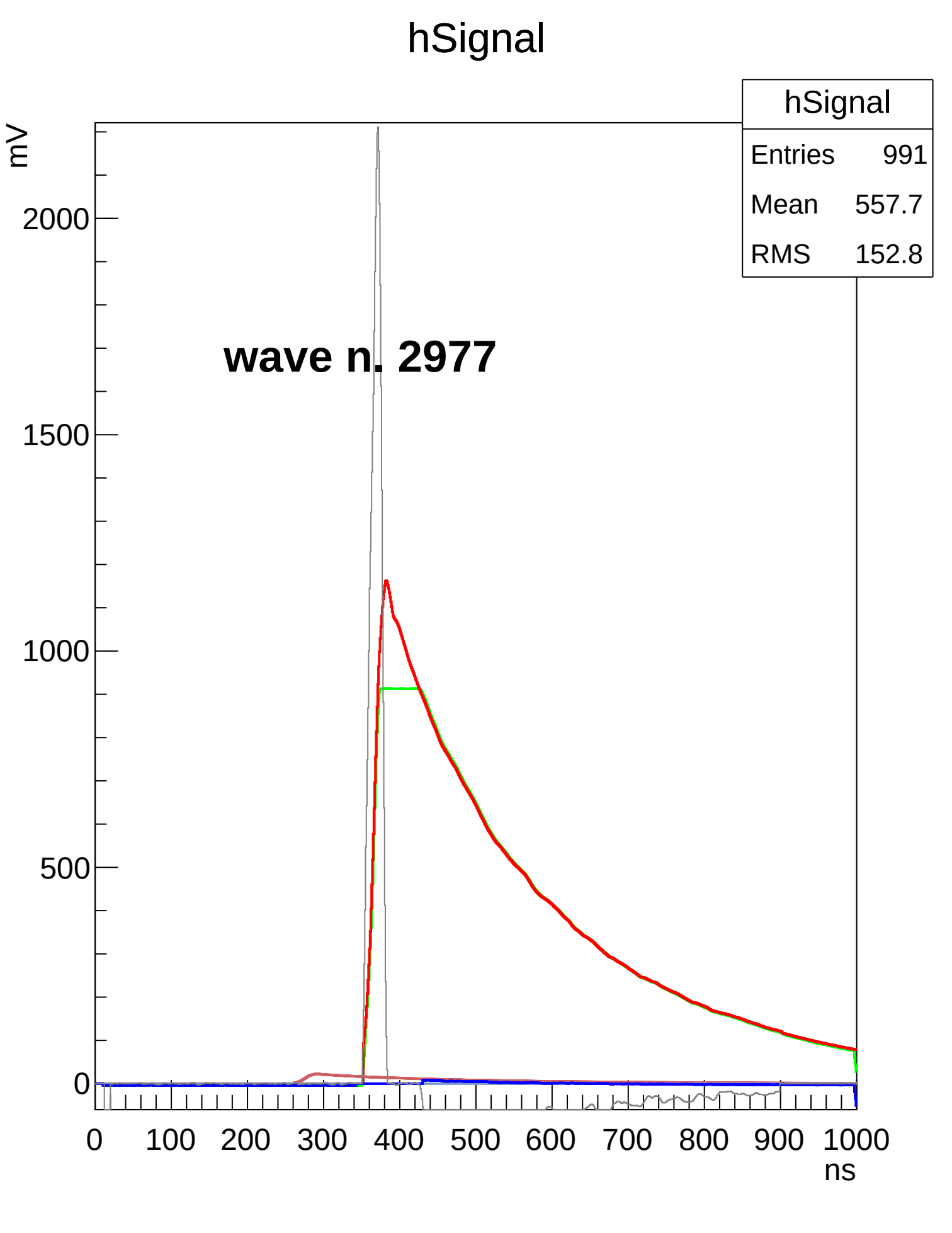
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 490
RMS 105.6
wave n. 2974
mV
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 452.9
RMS 171
wave n. 2975
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 525.6
RMS 171.8
wave n. 2976
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 557.7
RMS 152.8
wave n. 2977
mV
2000
1500
1000
500
0
0
100
200
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400
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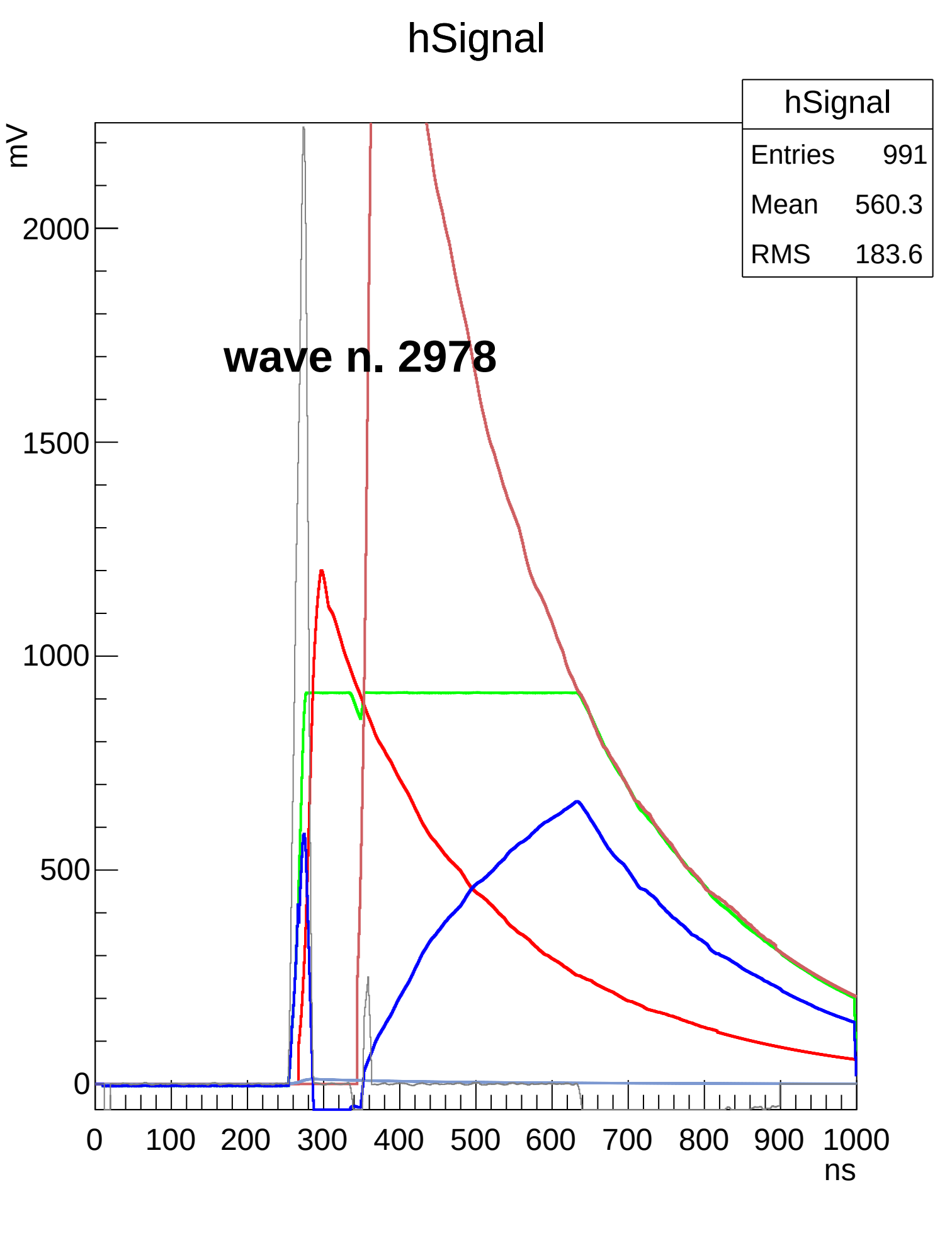
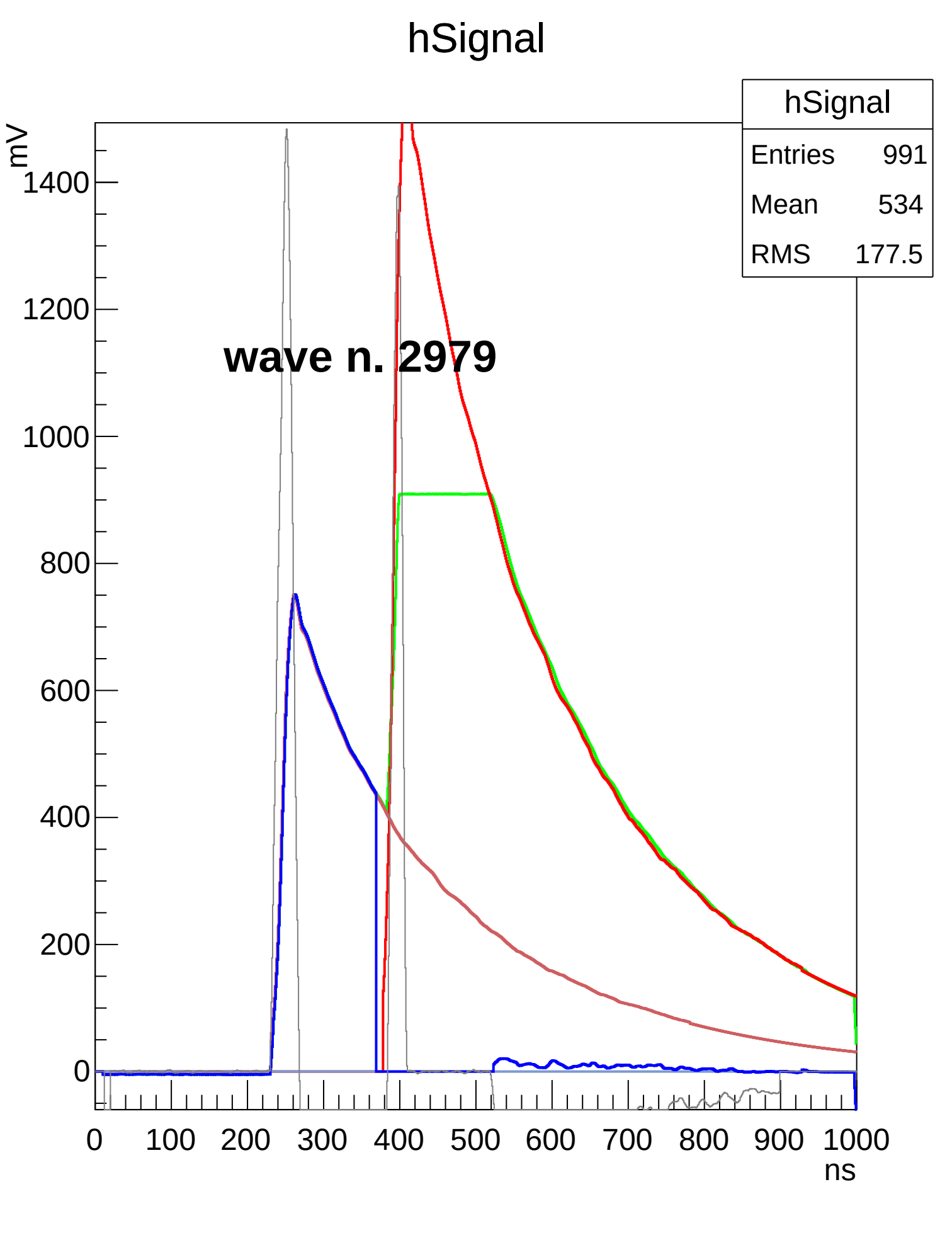
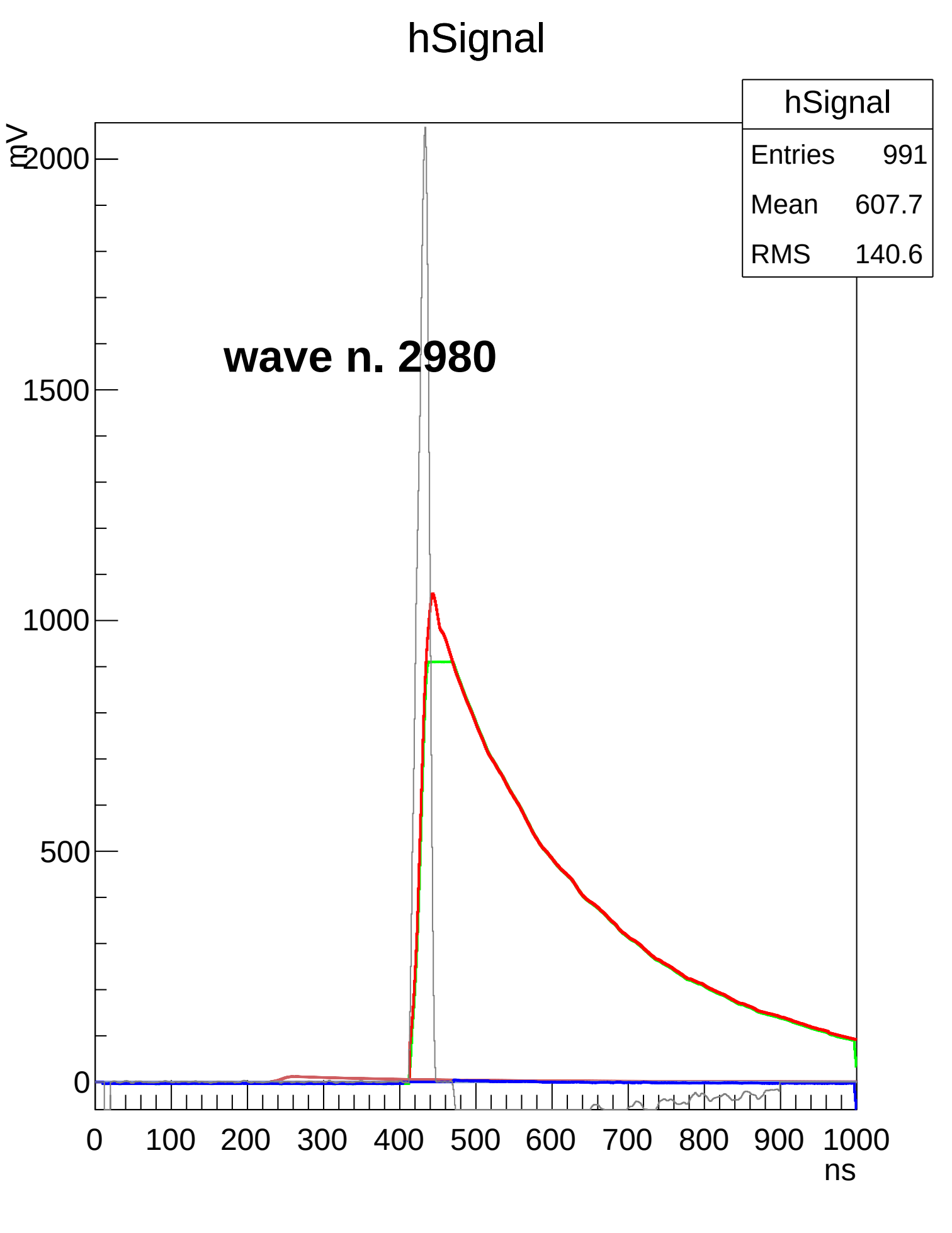
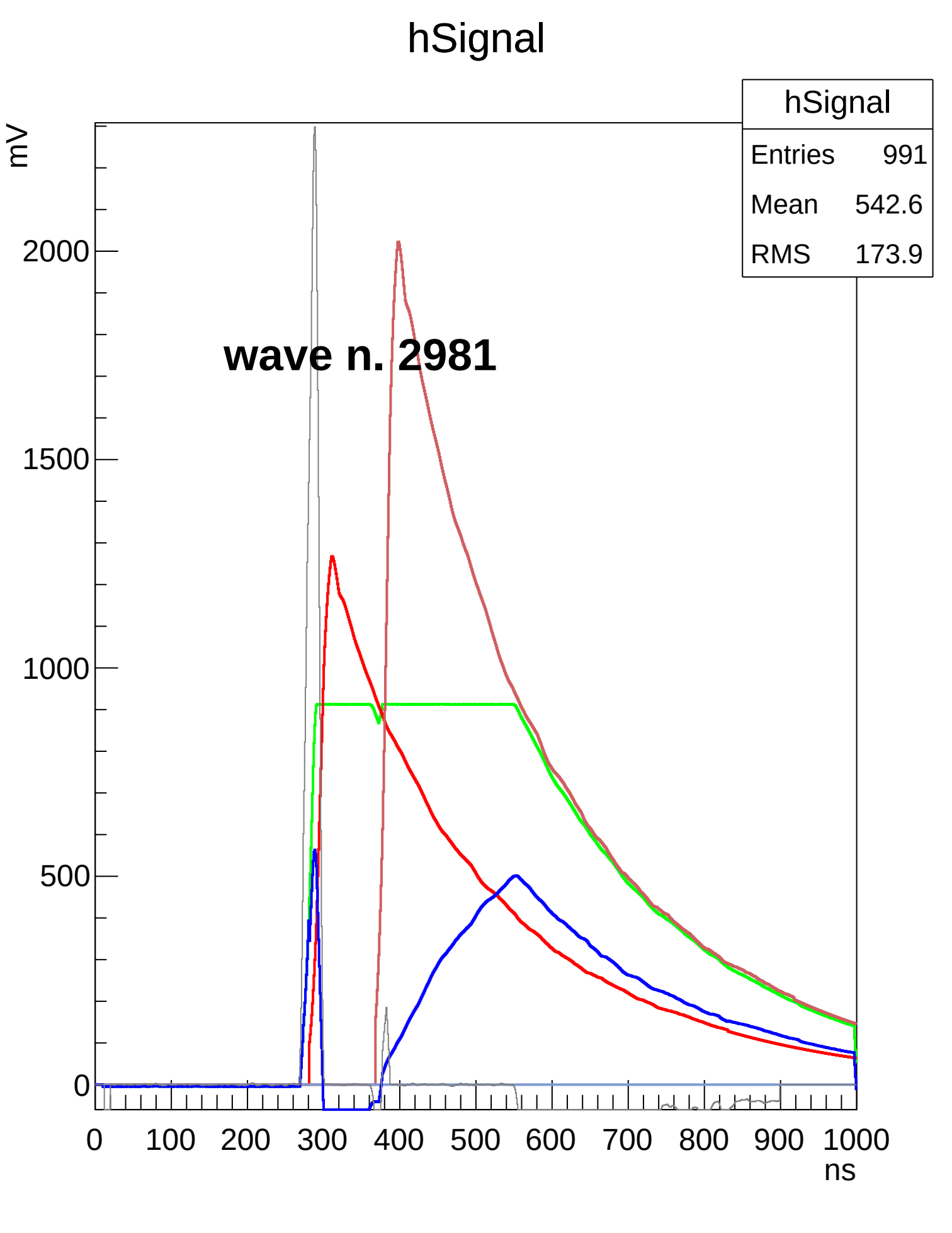
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.3
RMS 183.6
wave n. 2978
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 534
RMS 177.5
wave n. 2979
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 607.7
RMS 140.6
wave n. 2980
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.6
RMS 173.9
wave n. 2981
mV
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1500
1000
500
0
0
100
200
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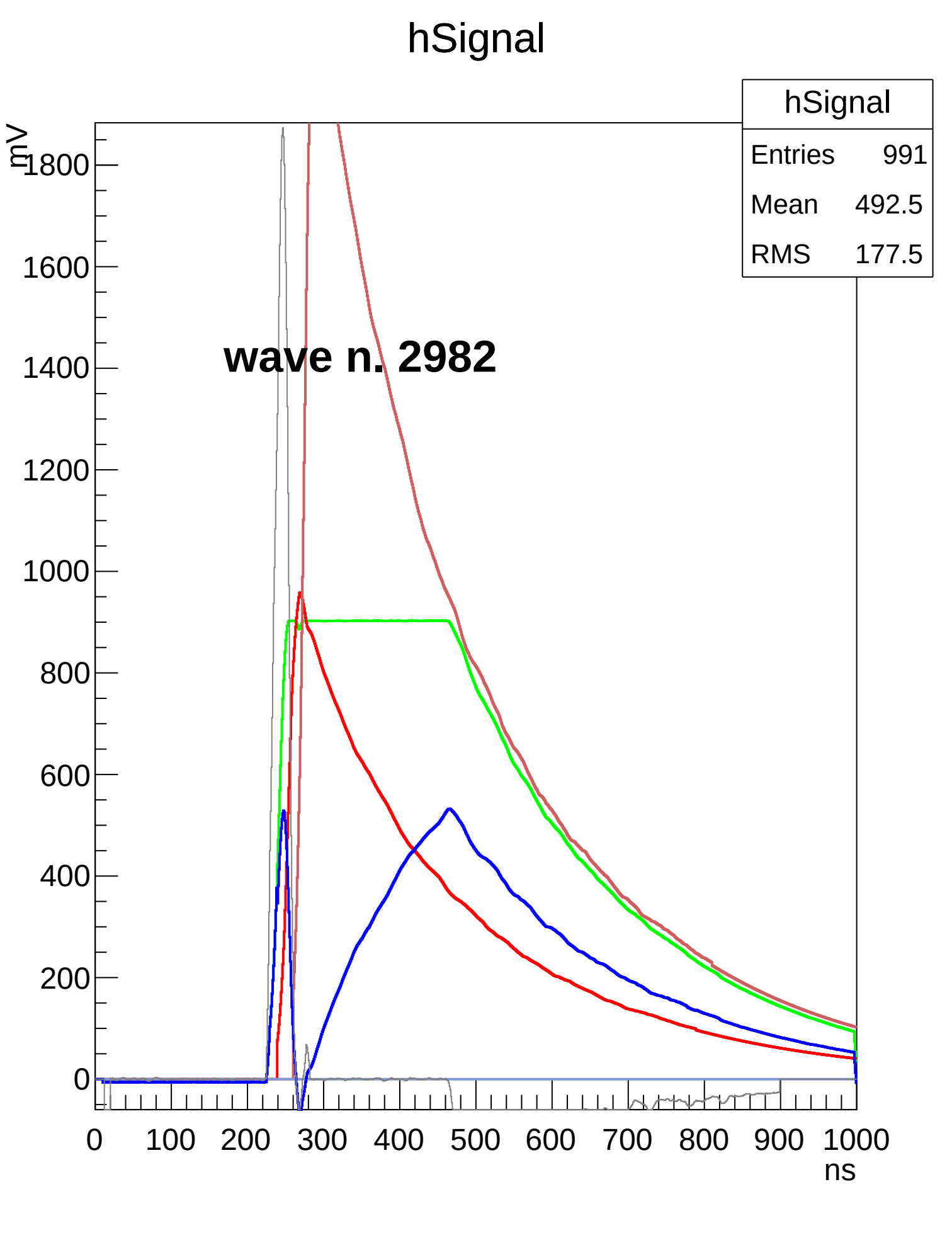
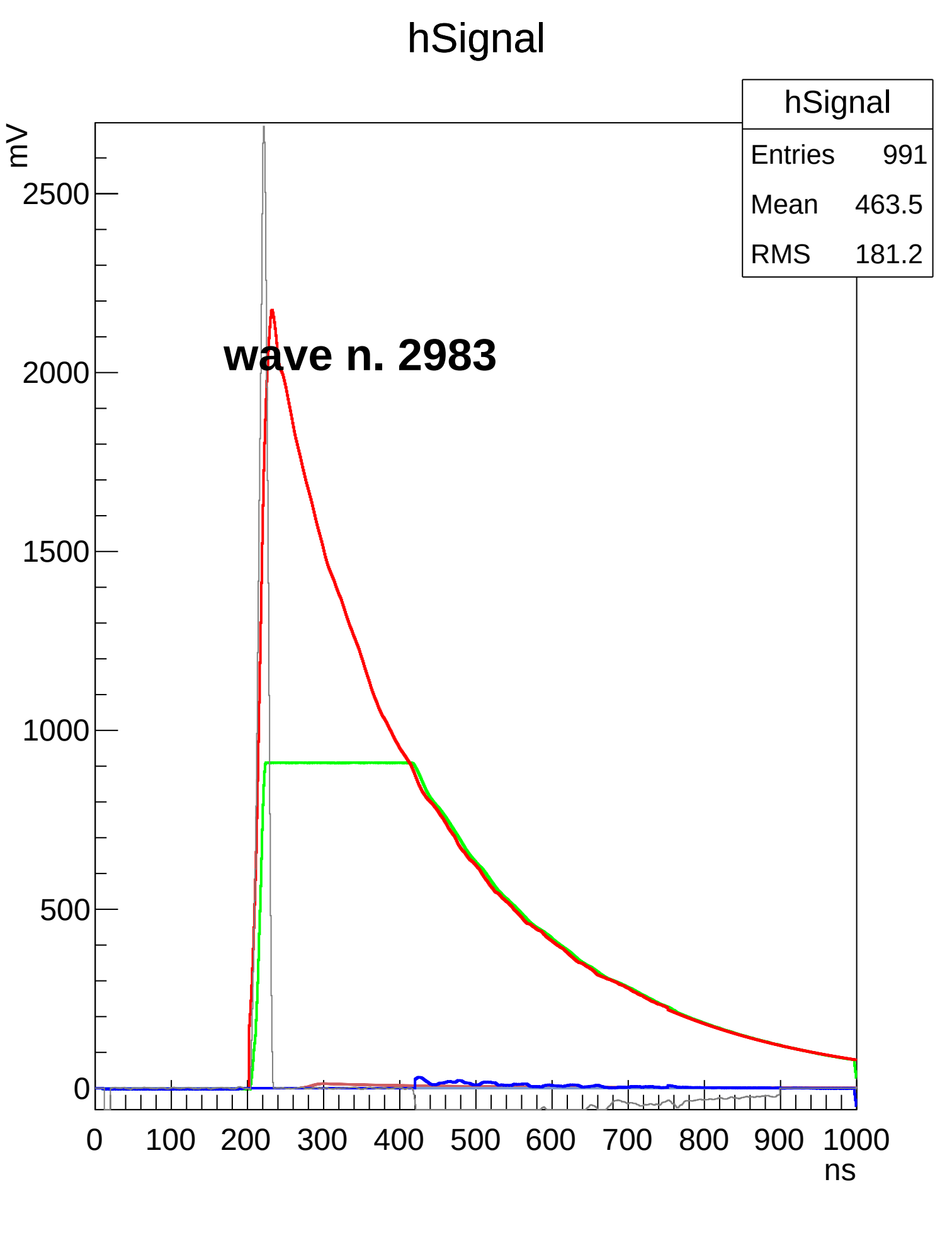
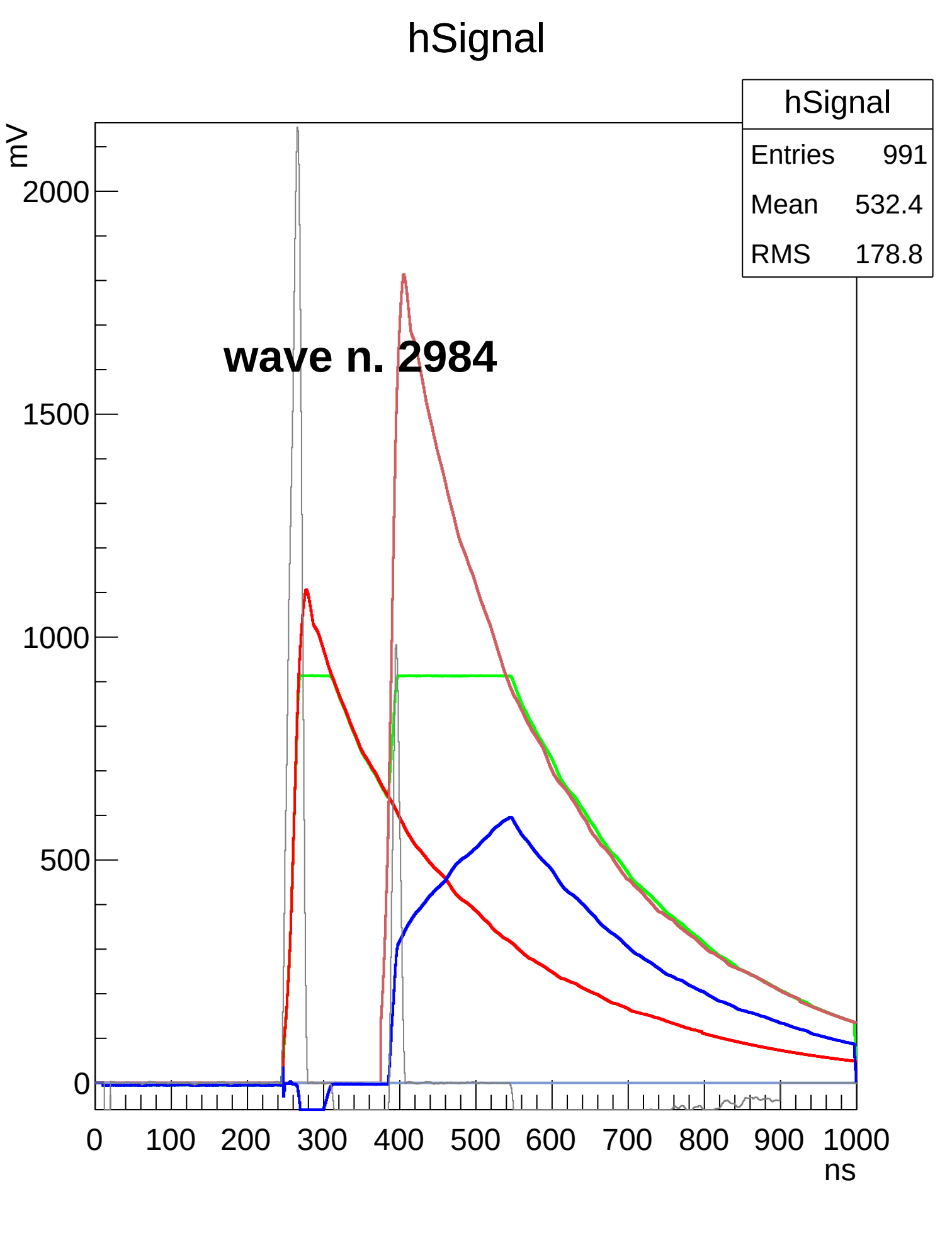
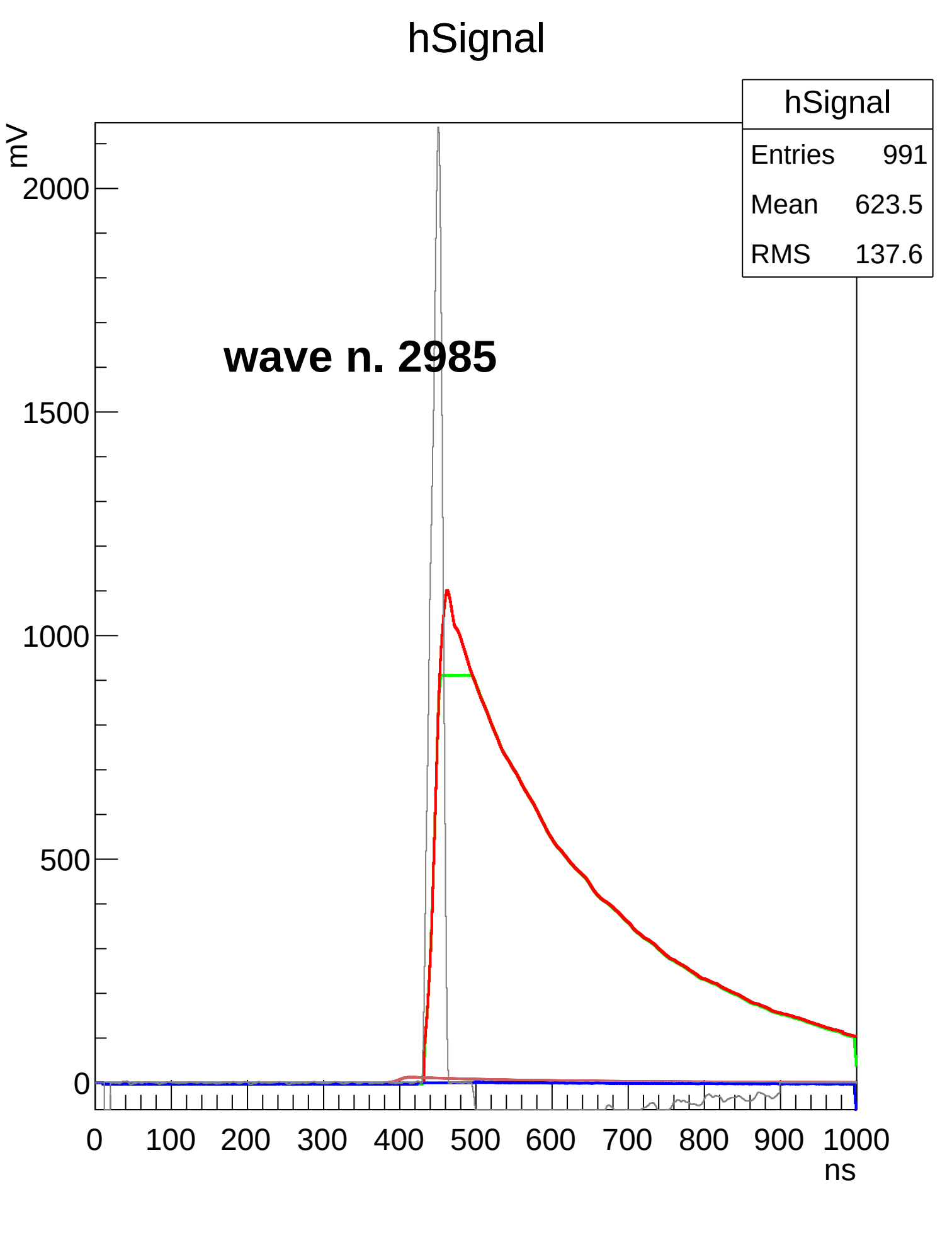
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 492.5
RMS 177.5
wave n. 2982
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 463.5
RMS 181.2
wave n. 2983
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 532.4
RMS 178.8
wave n. 2984
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 623.5
RMS 137.6
wave n. 2985
mV
2000
1500
1000
500
0
0
100
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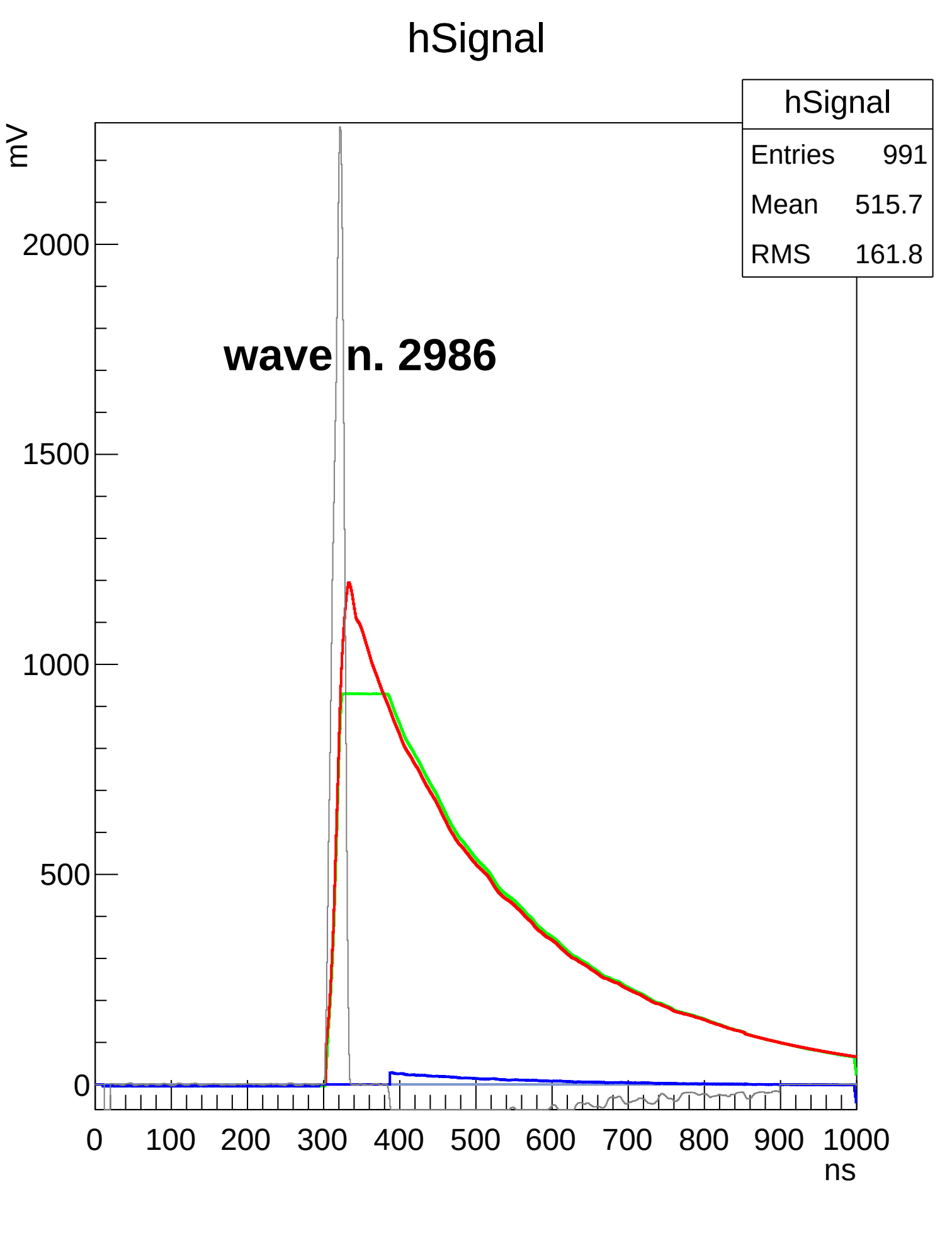
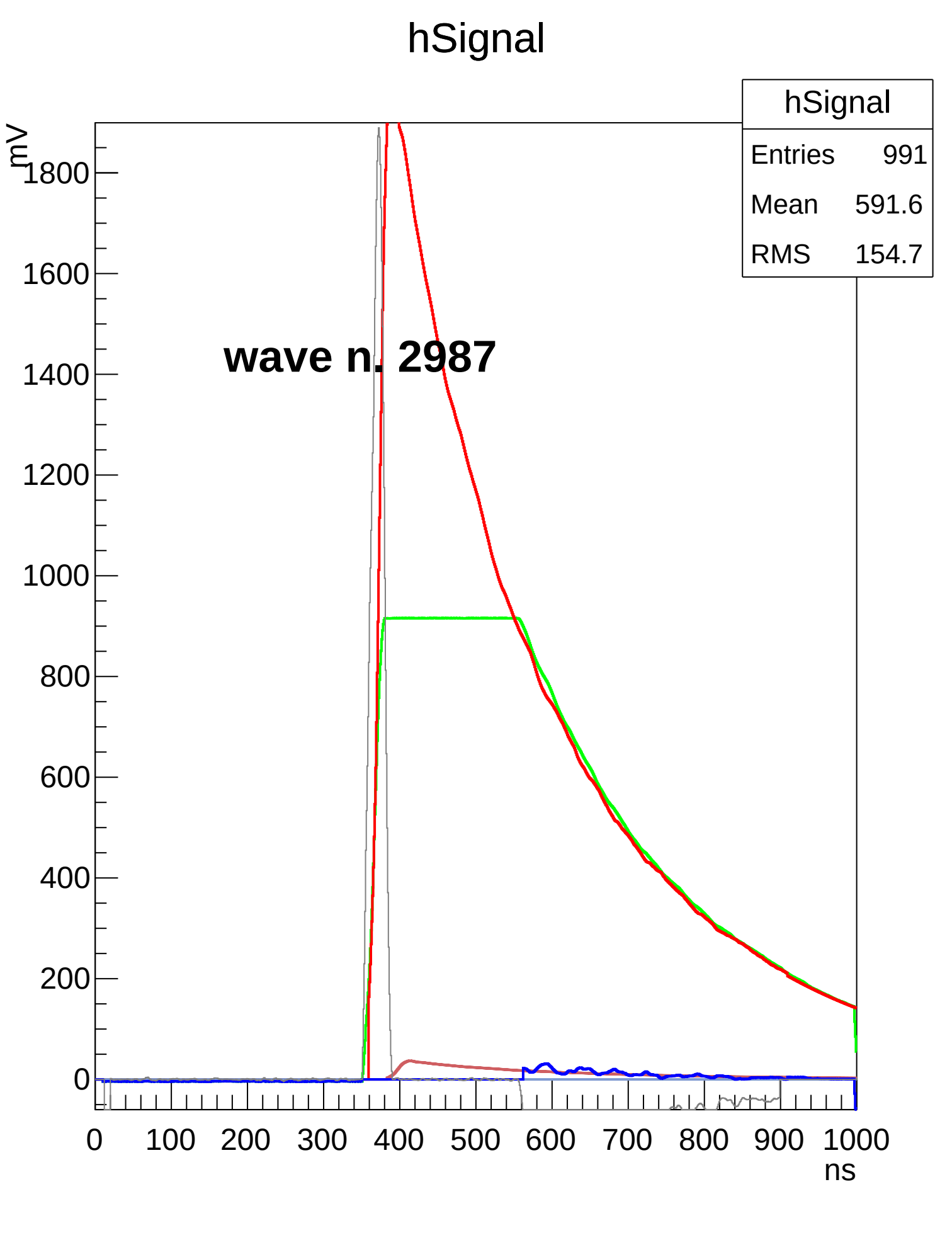
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.7
RMS 161.8
wave n. 2986
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 591.6
RMS 154.7
wave n. 2987
mV
1800
1600
1400
1200
1000
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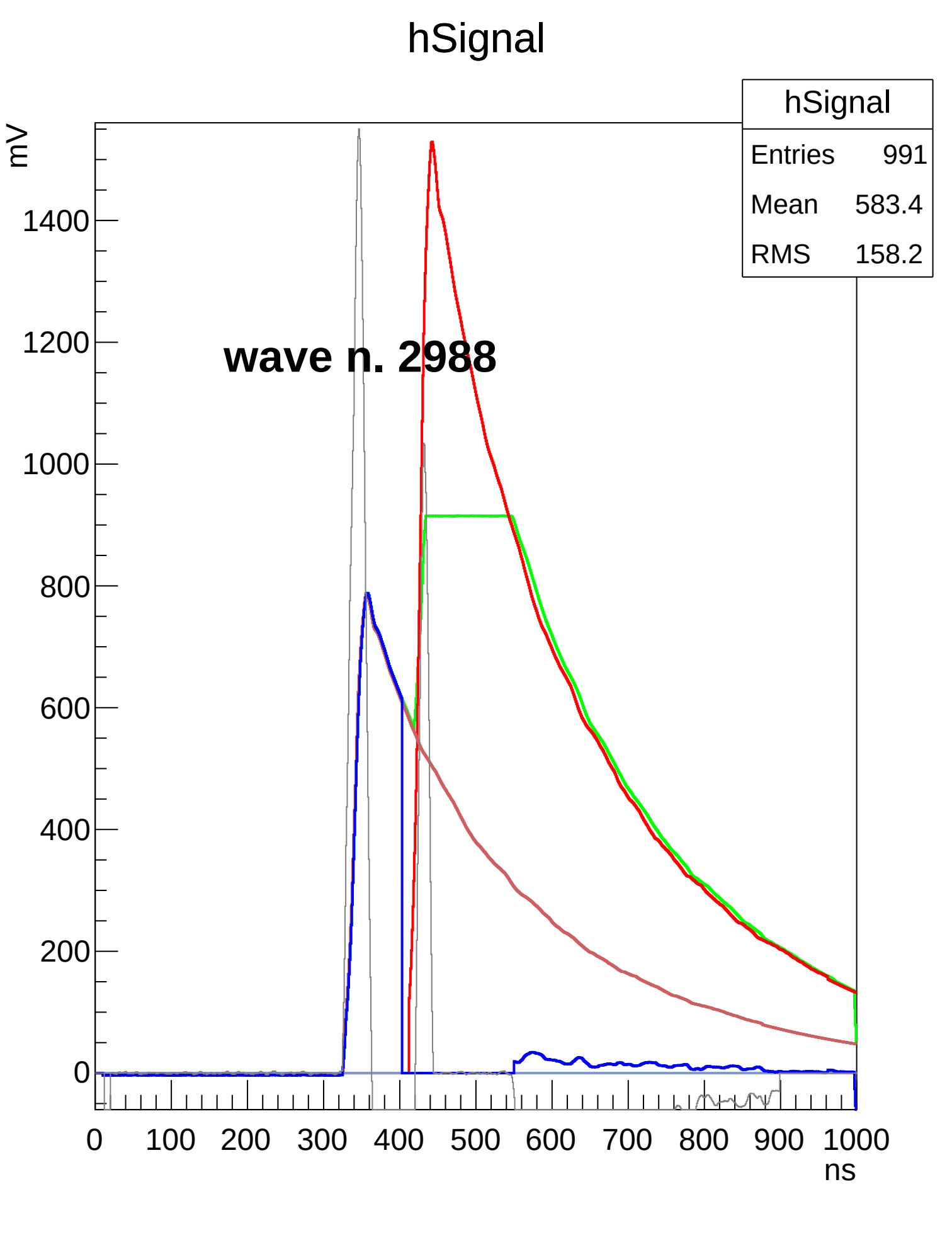
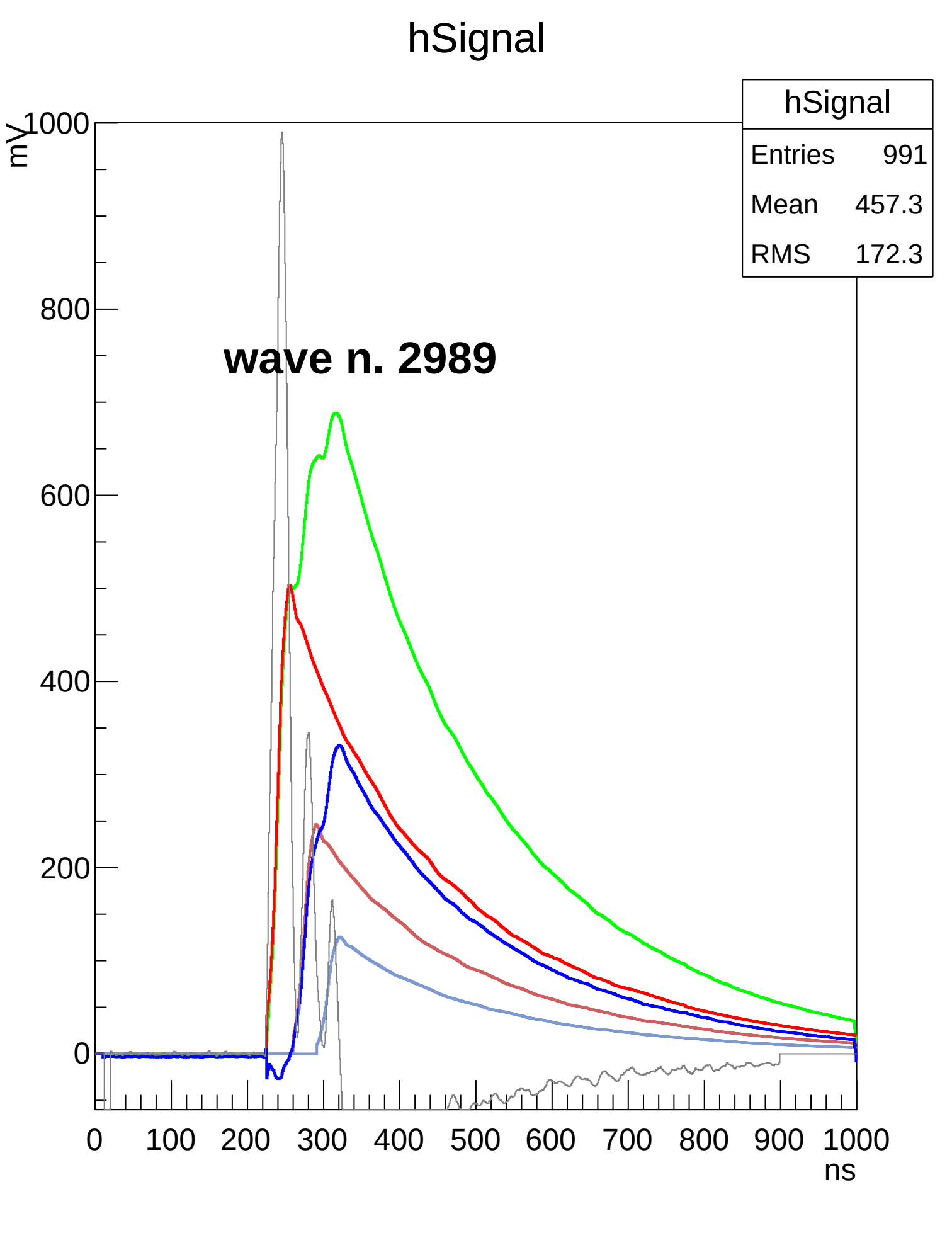
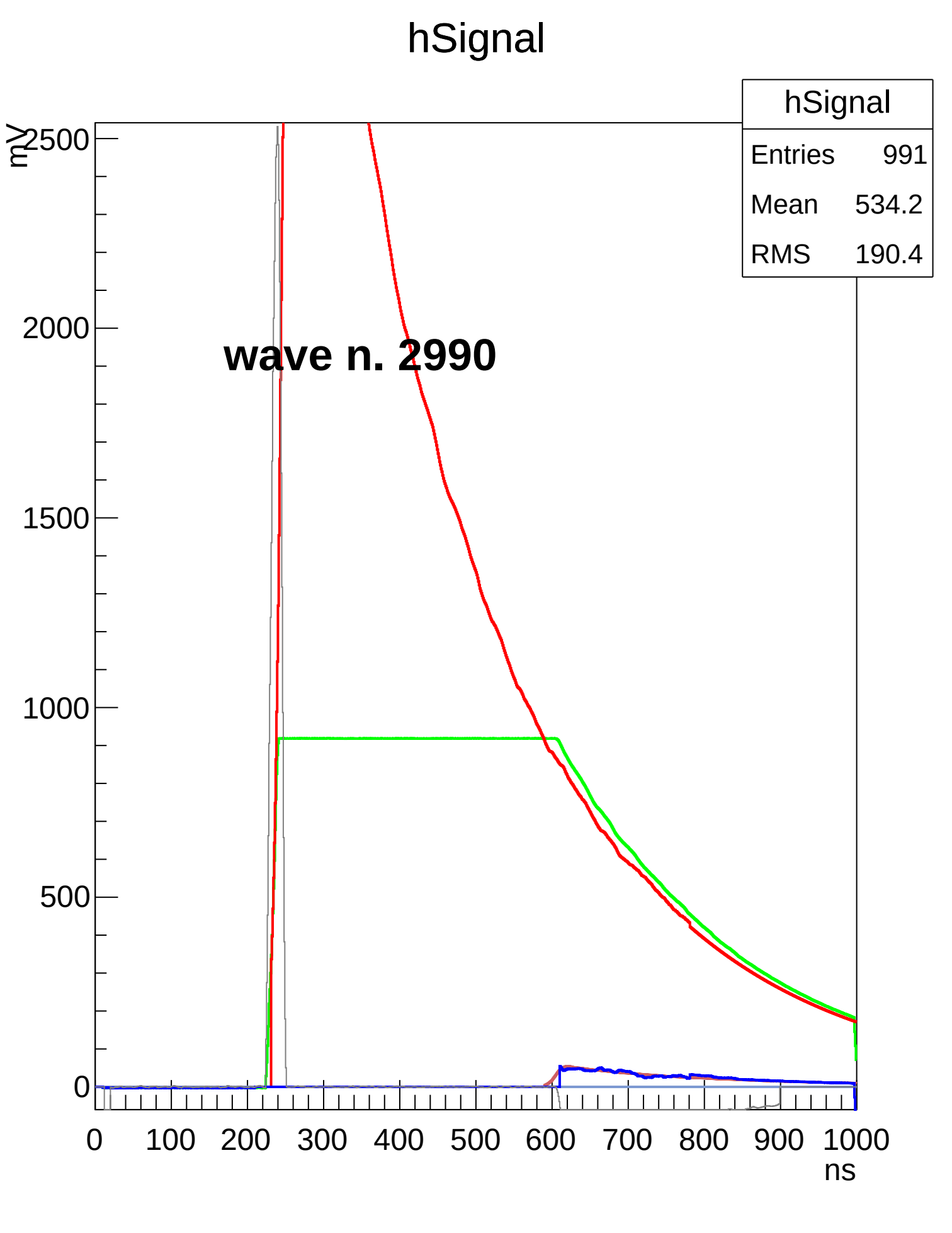
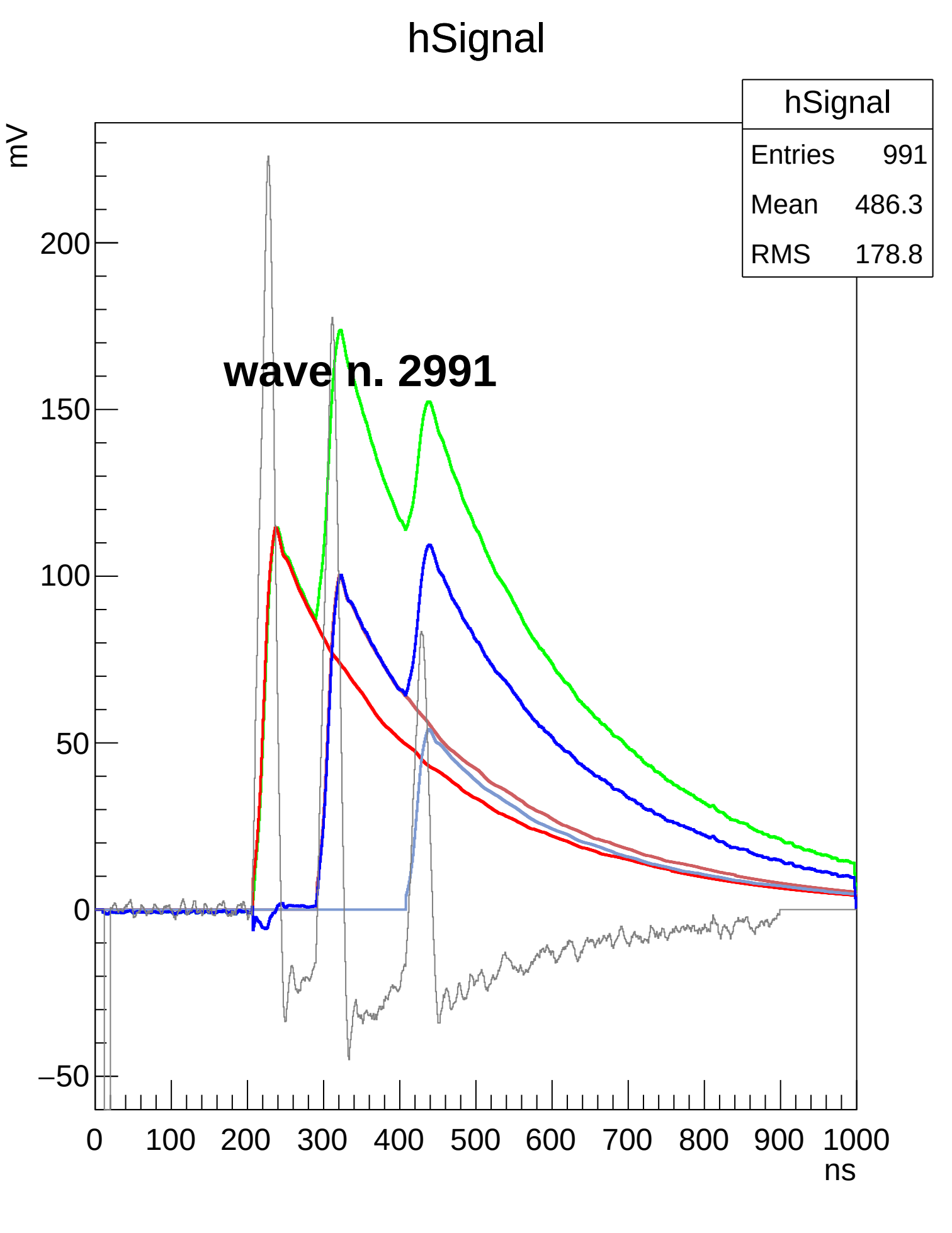
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 583.4
RMS 158.2
wave n. 2988
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 457.3
RMS 172.3
wave n. 2989
mV
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 534.2
RMS 190.4
wave n. 2990
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486.3
RMS 178.8
wave n. 2991
mV
200
150
100
50
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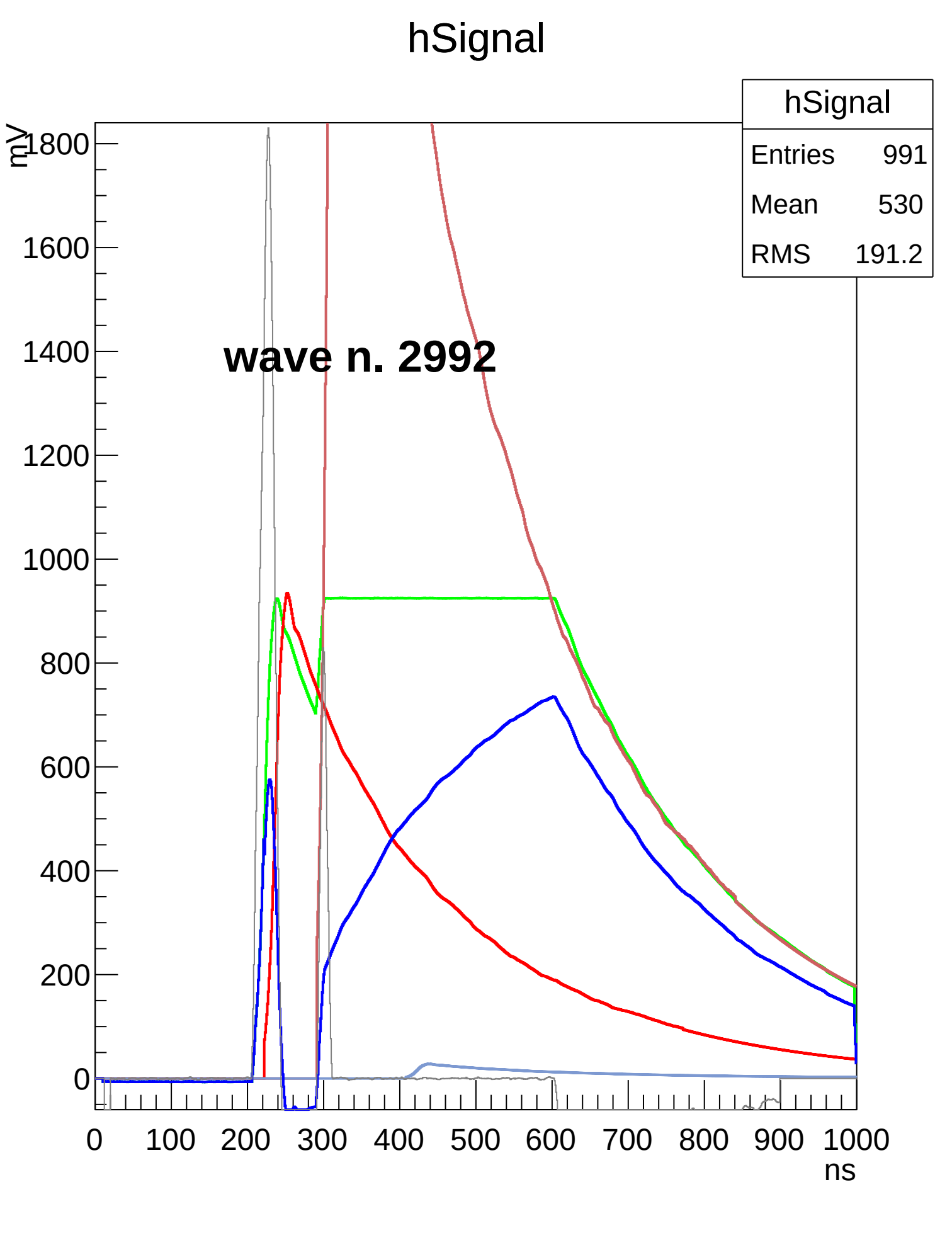
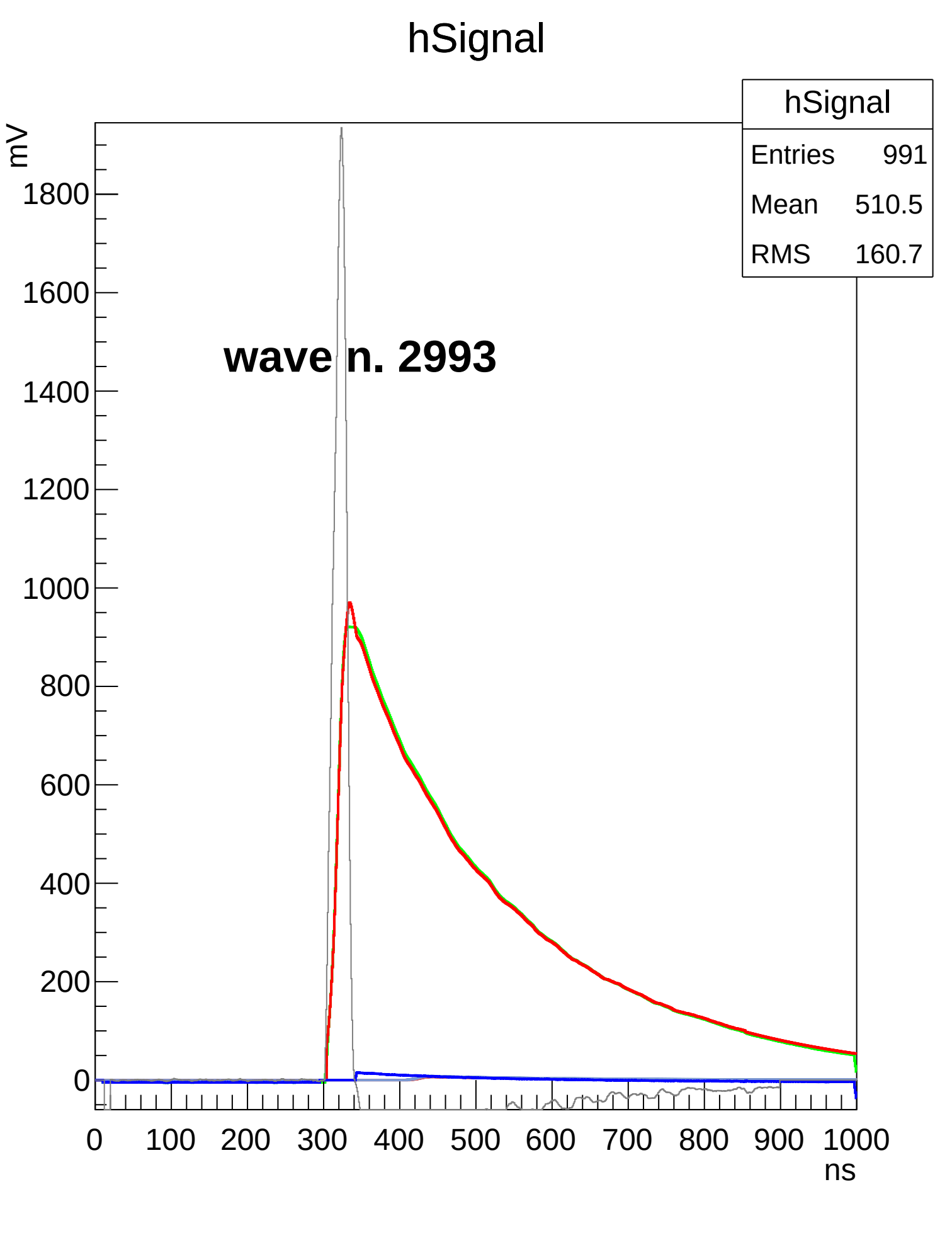
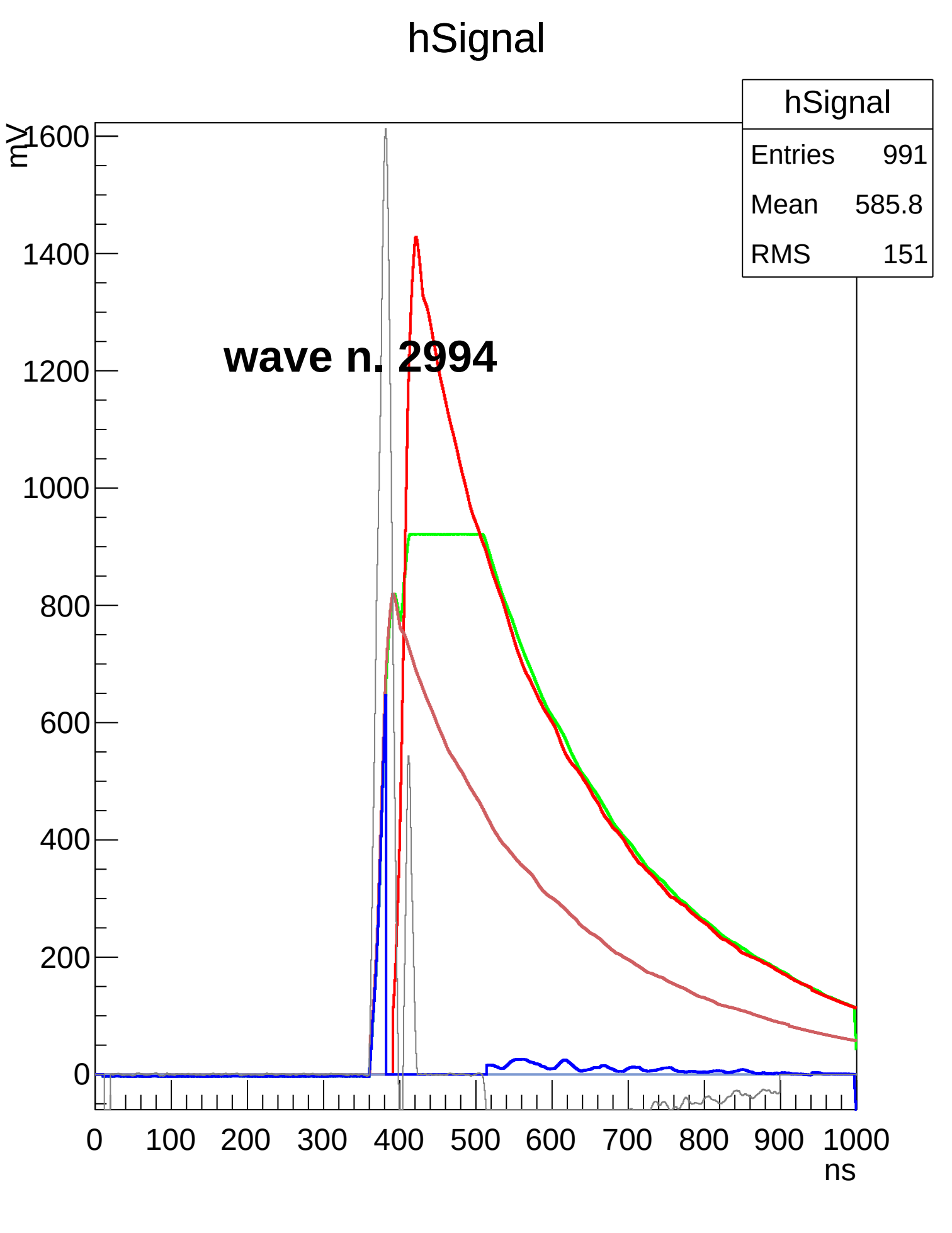
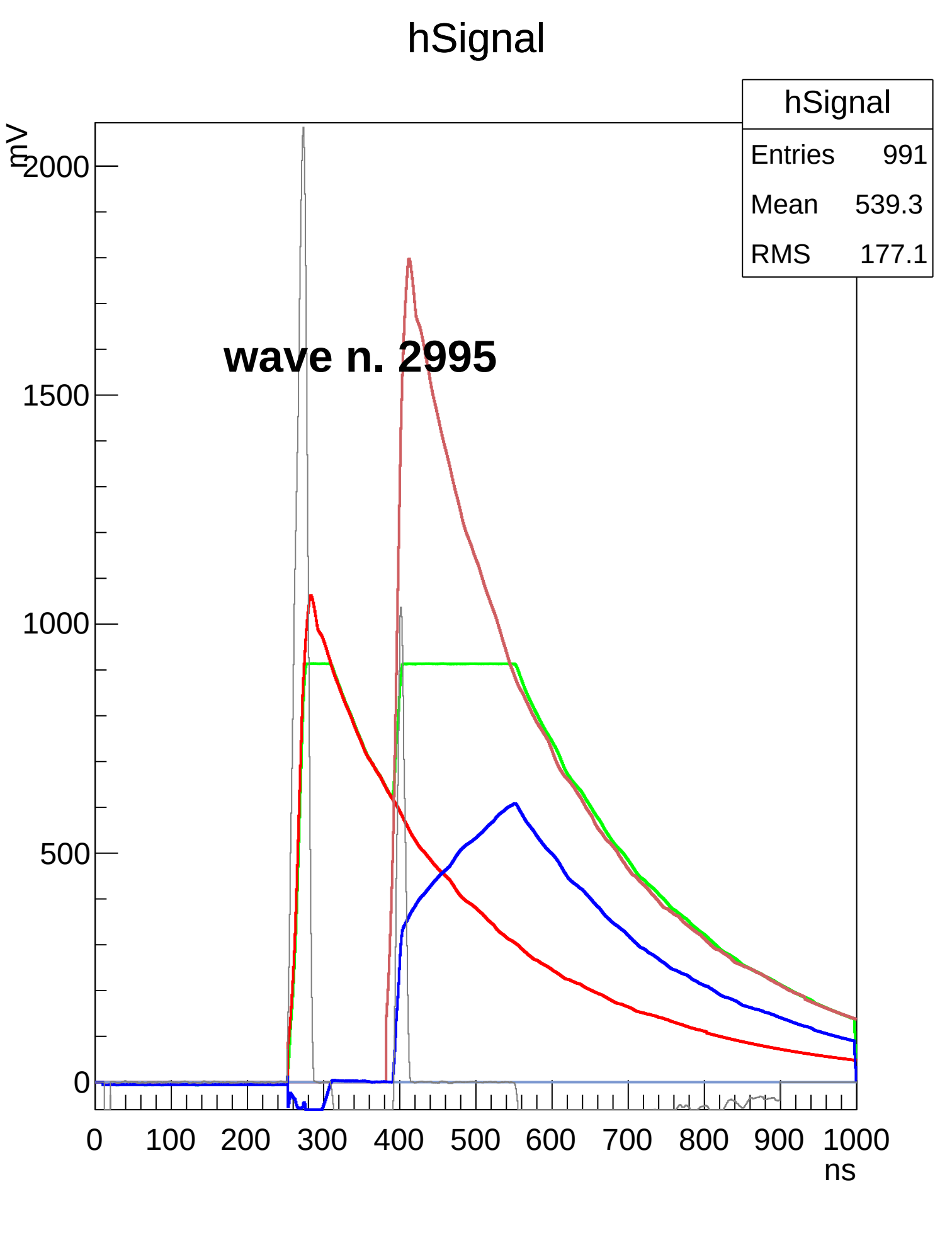
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530
RMS 191.2
wave n. 2992
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 510.5
RMS 160.7
wave n. 2993
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 585.8
RMS 151
wave n. 2994
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.3
RMS 177.1
wave n. 2995
mV
2000
1500
1000
500
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0
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400
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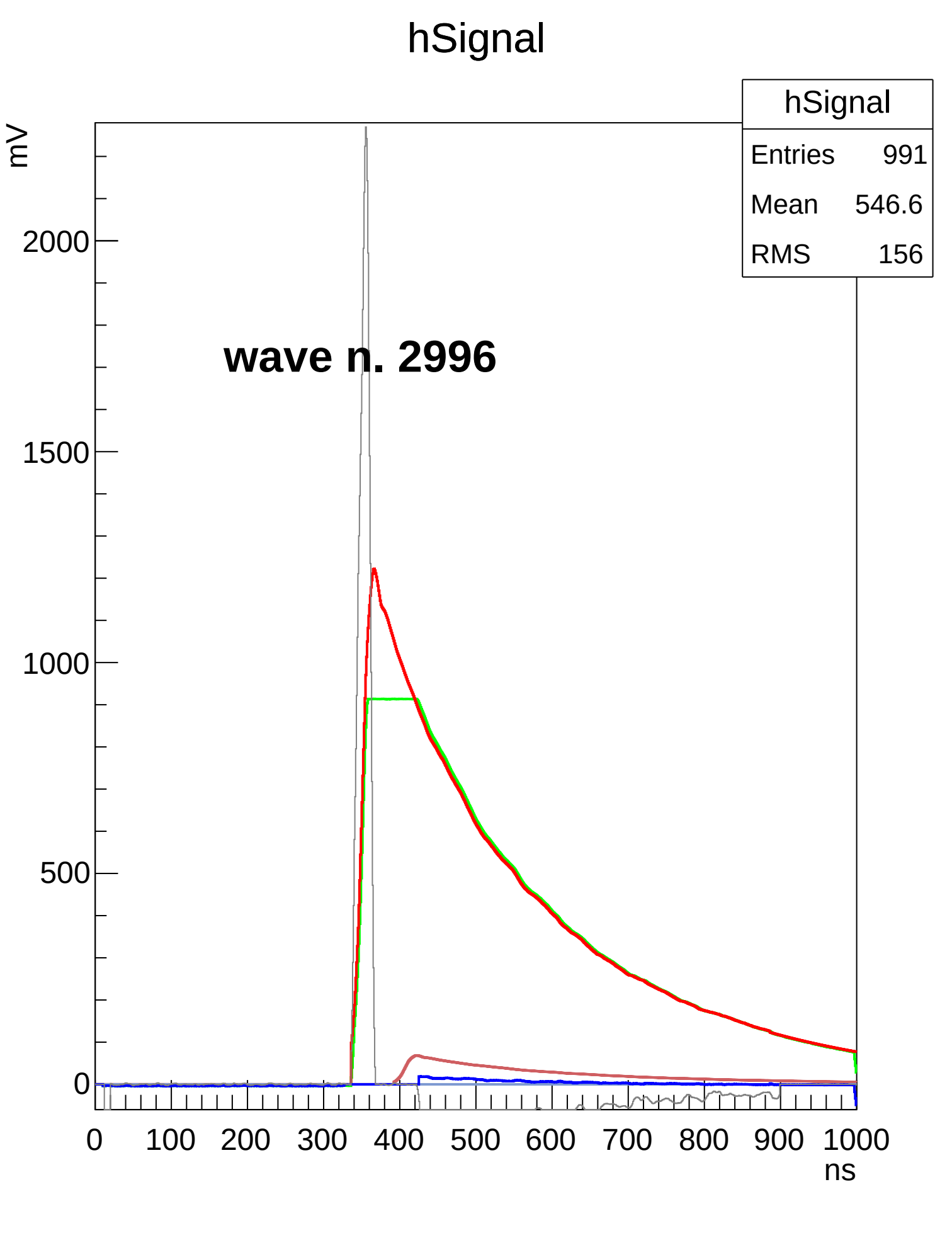
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 546.6
RMS 156
wave n. 2996
mV
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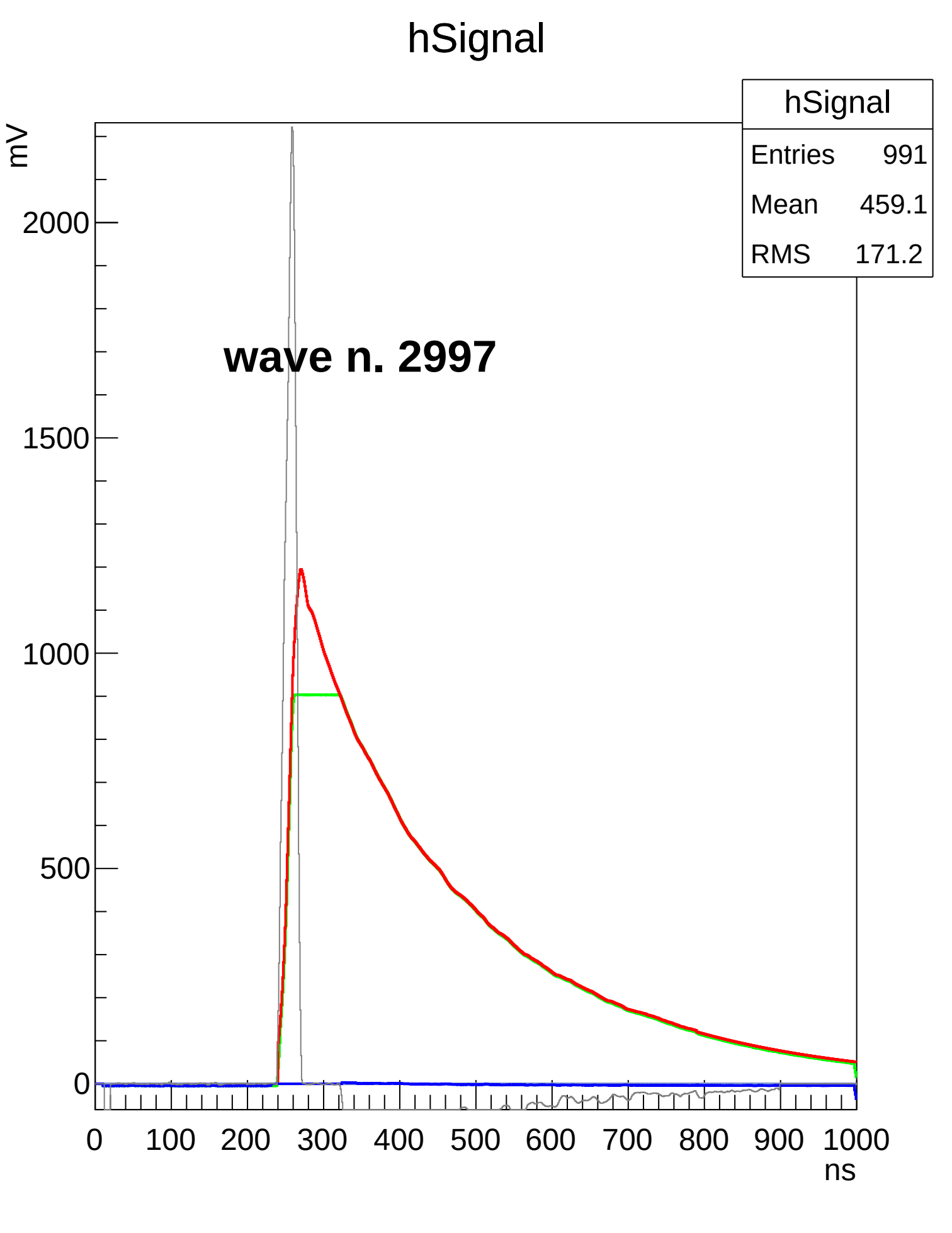
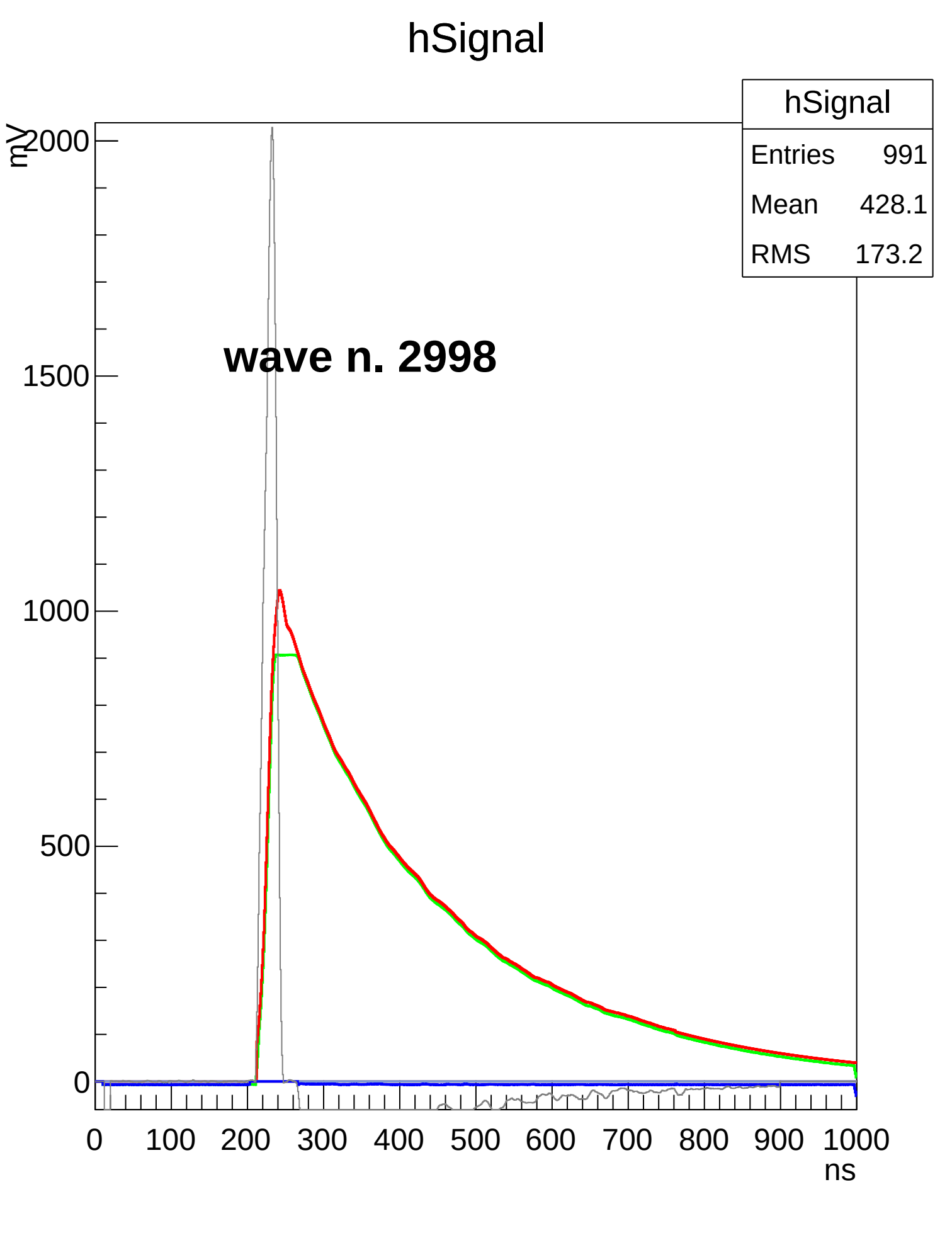
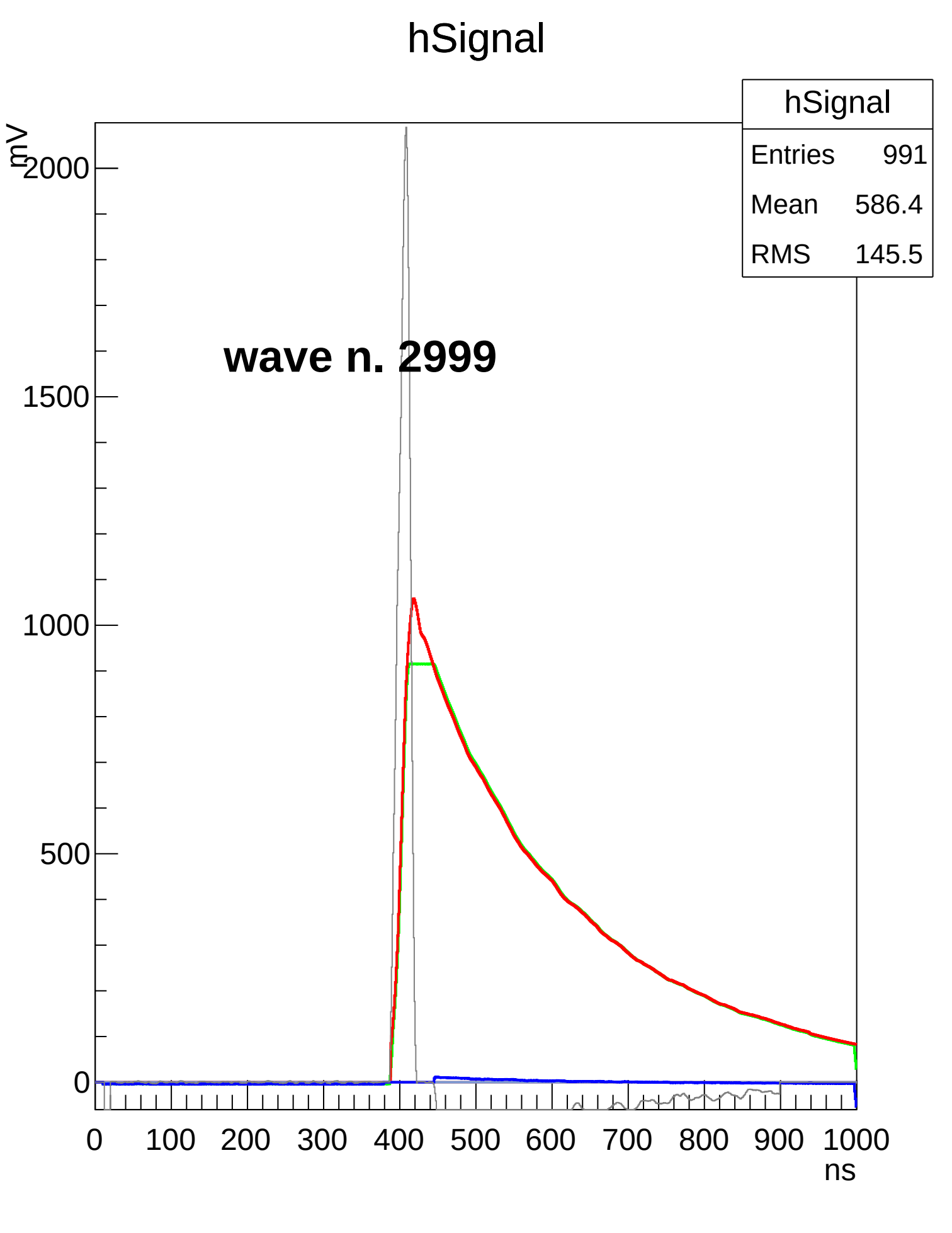
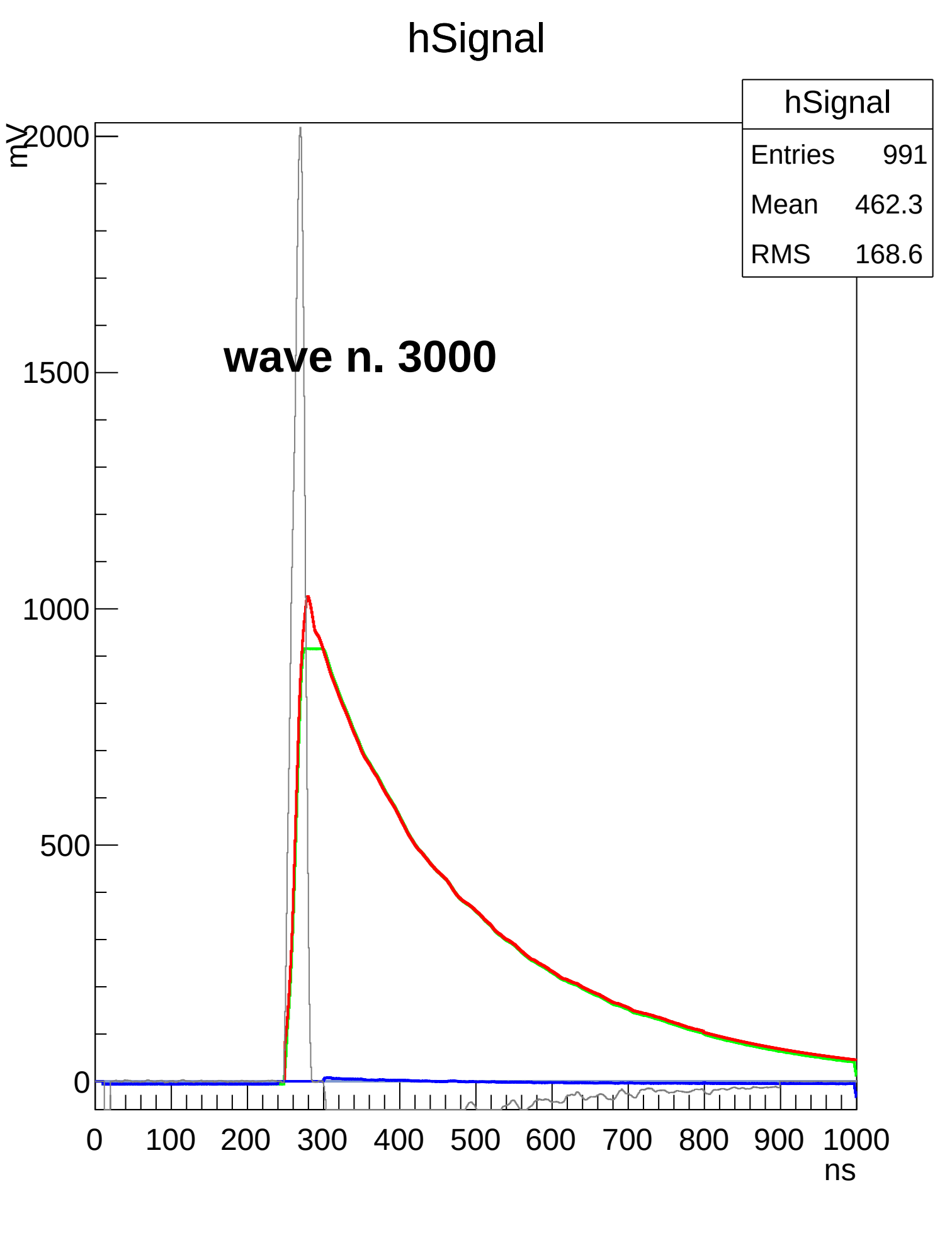
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 459.1
RMS 171.2
wave n. 2997
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 428.1
RMS 173.2
wave n. 2998
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586.4
RMS 145.5
wave n. 2999
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 462.3
RMS 168.6
wave n. 3000
mV
2000
1500
1000
500
0
0
100
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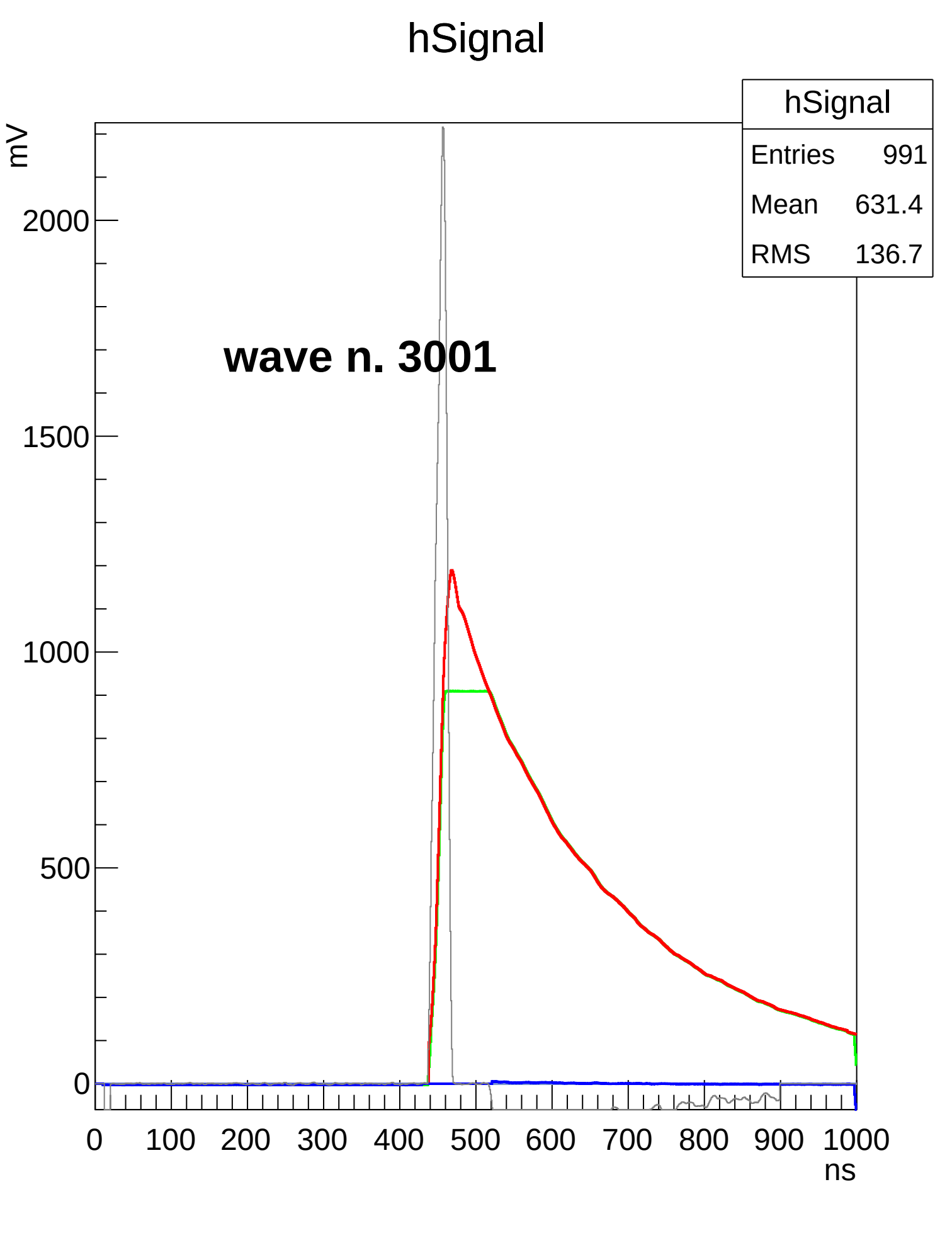
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 631.4
RMS 136.7
wave n. 3001
mV
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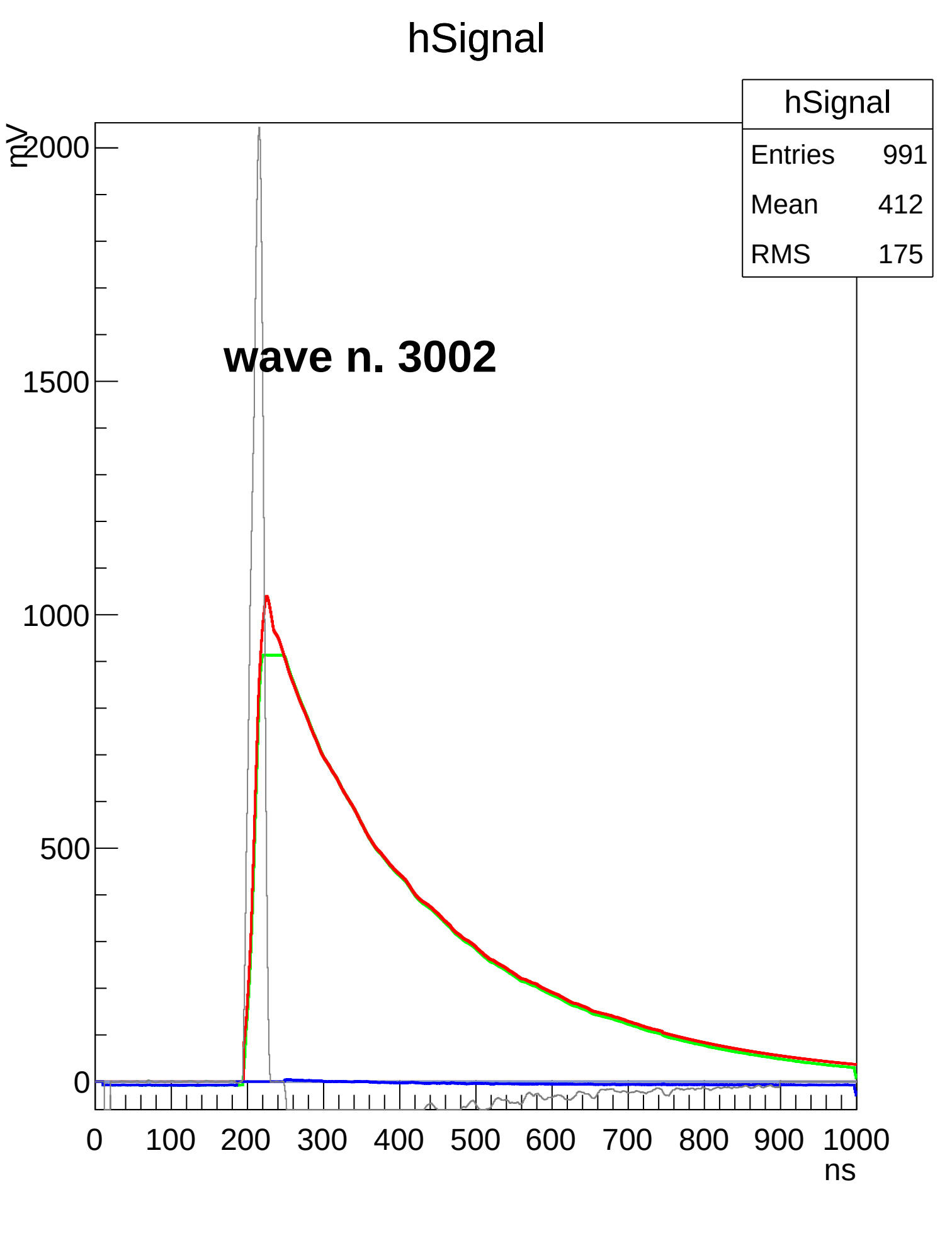
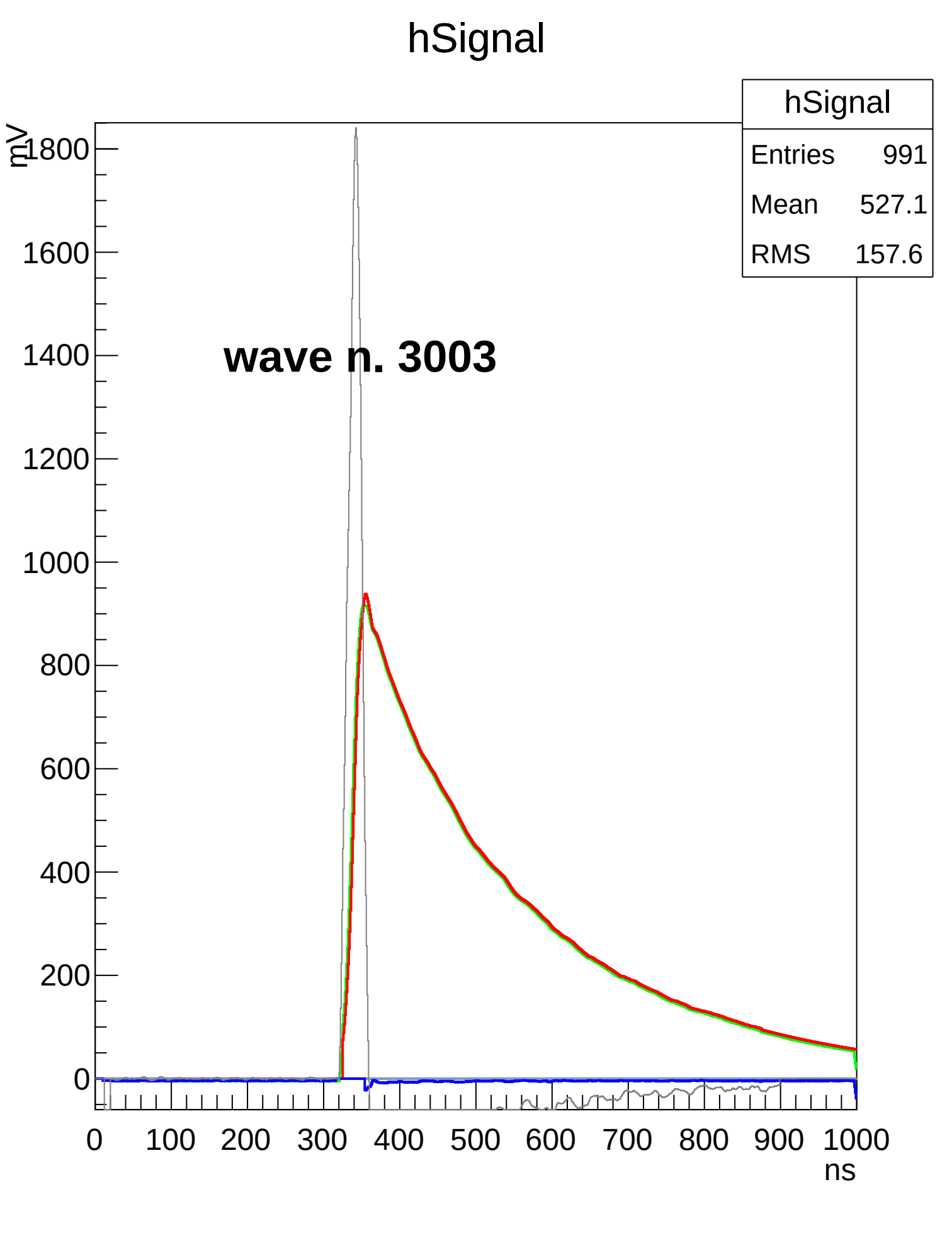
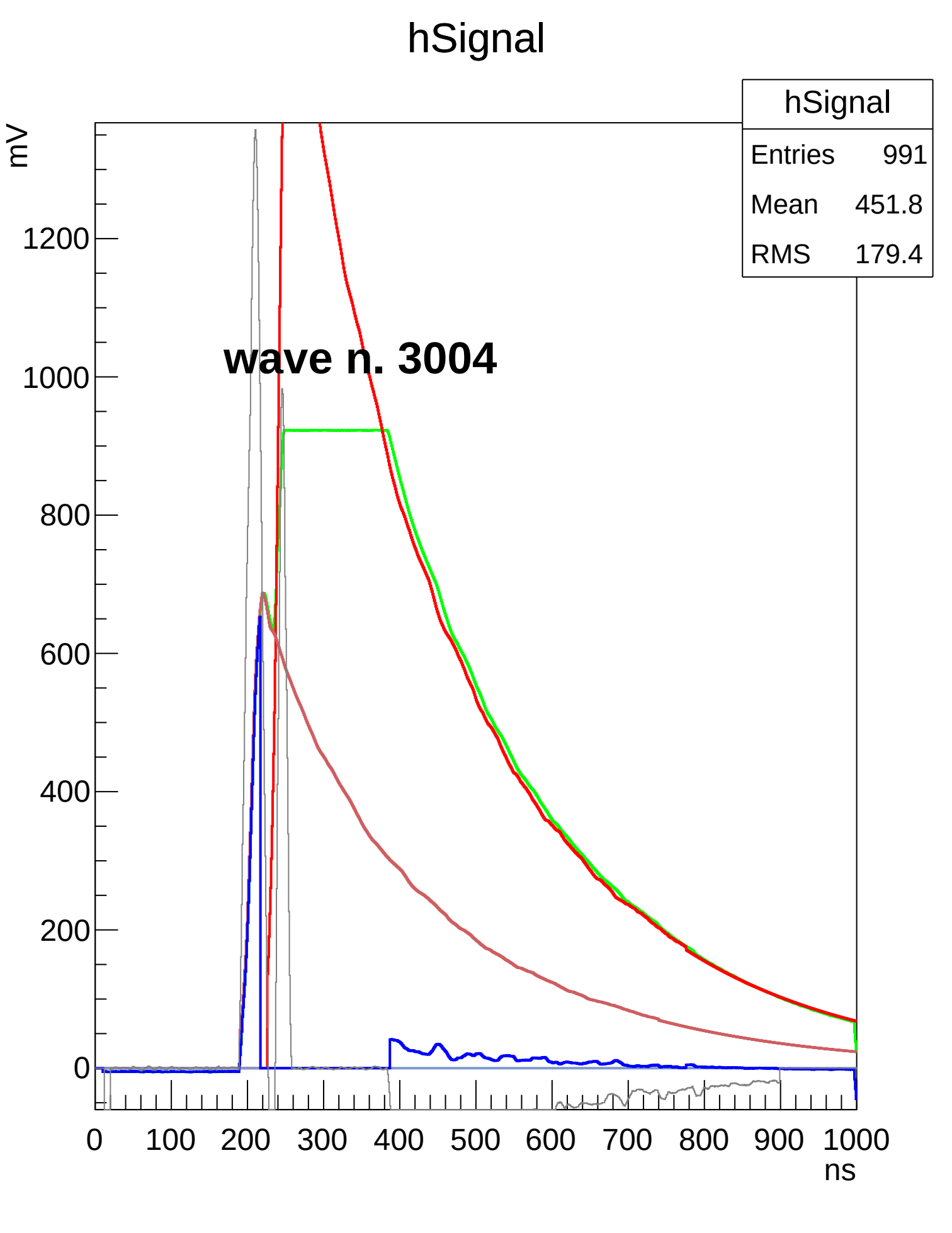
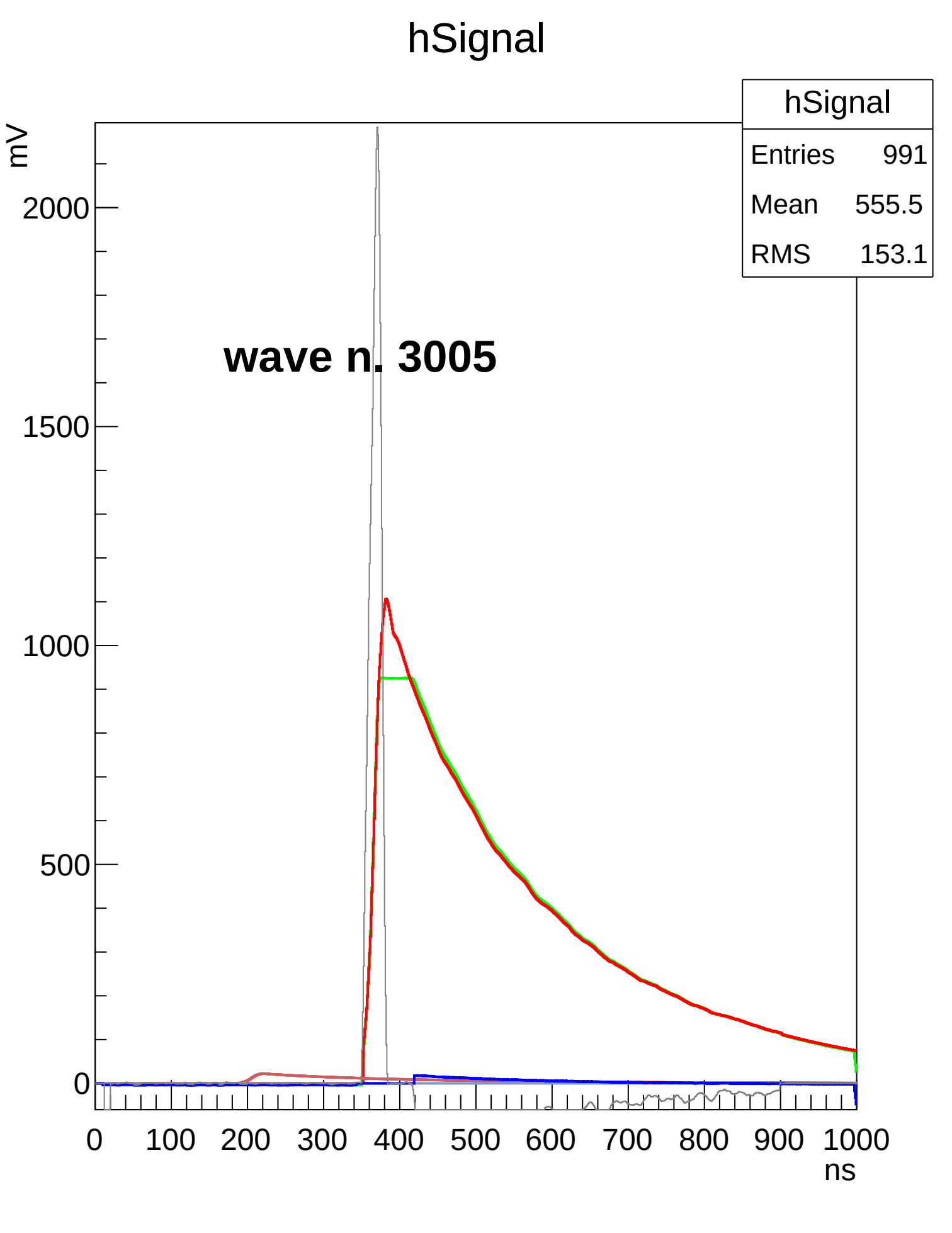
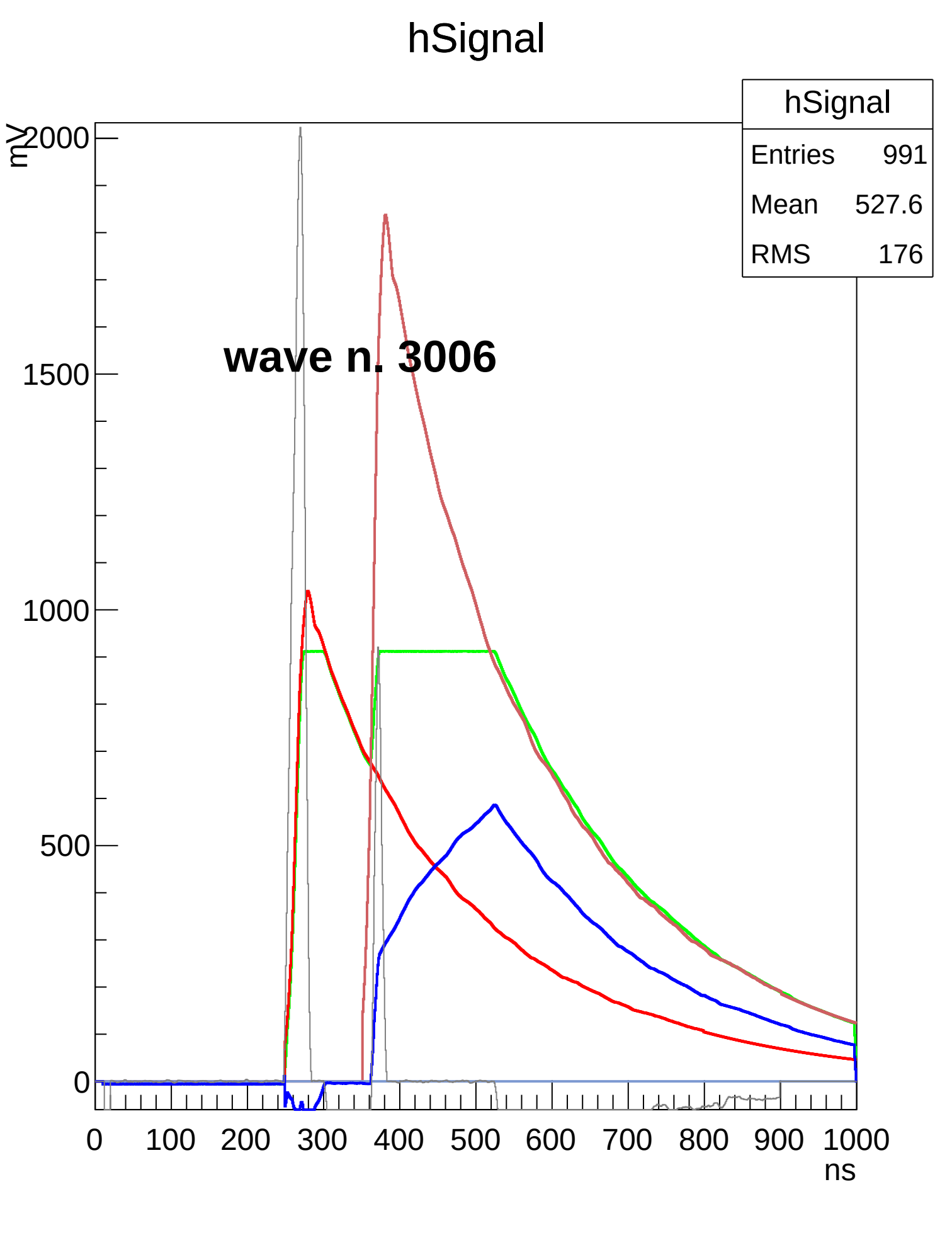
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

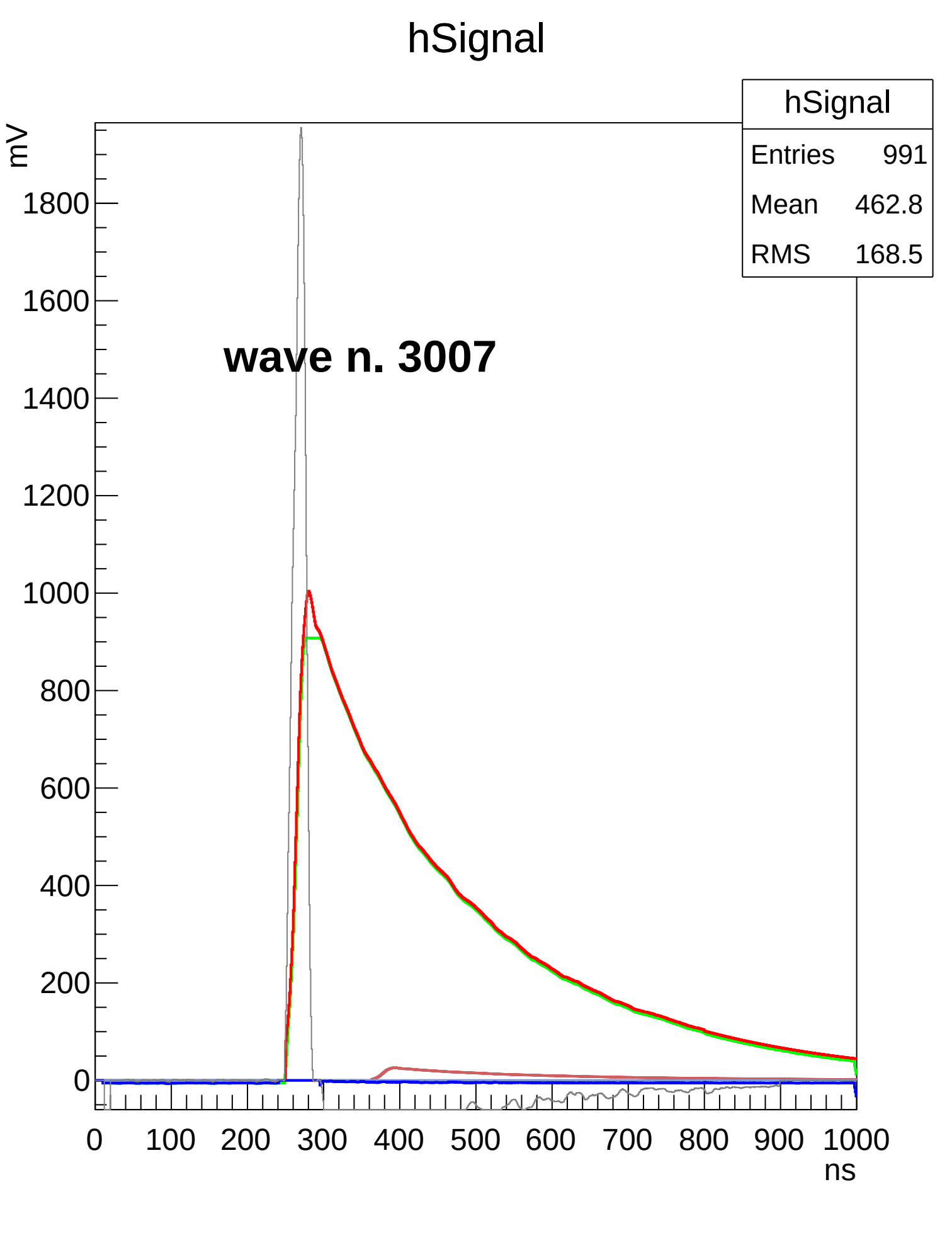

hSignal
hSignal
Entries 991
Mean 412
RMS 175
wave n. 3002
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

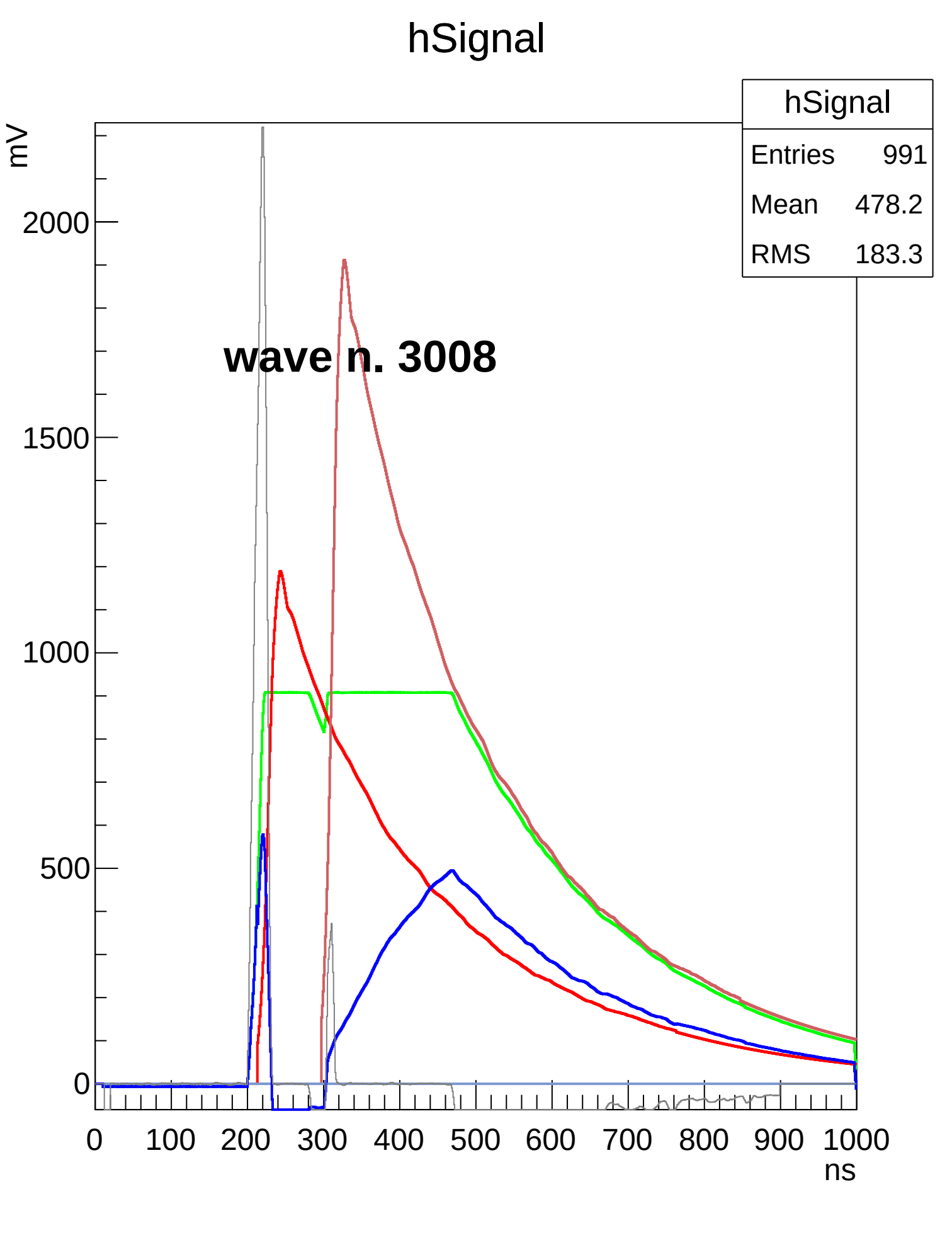

hSignal
hSignal
Entries 991
Mean 527.1
RMS 157.6
wave n. 3003
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 451.8
RMS 179.4
wave n. 3004
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 555.5
RMS 153.1
wave n. 3005
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527.6
RMS 176
wave n. 3006
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 462.8
RMS 168.5
wave n. 3007
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 478.2
RMS 183.3
wave n. 3008
mV
2000
1500
1000
500
0
0
100
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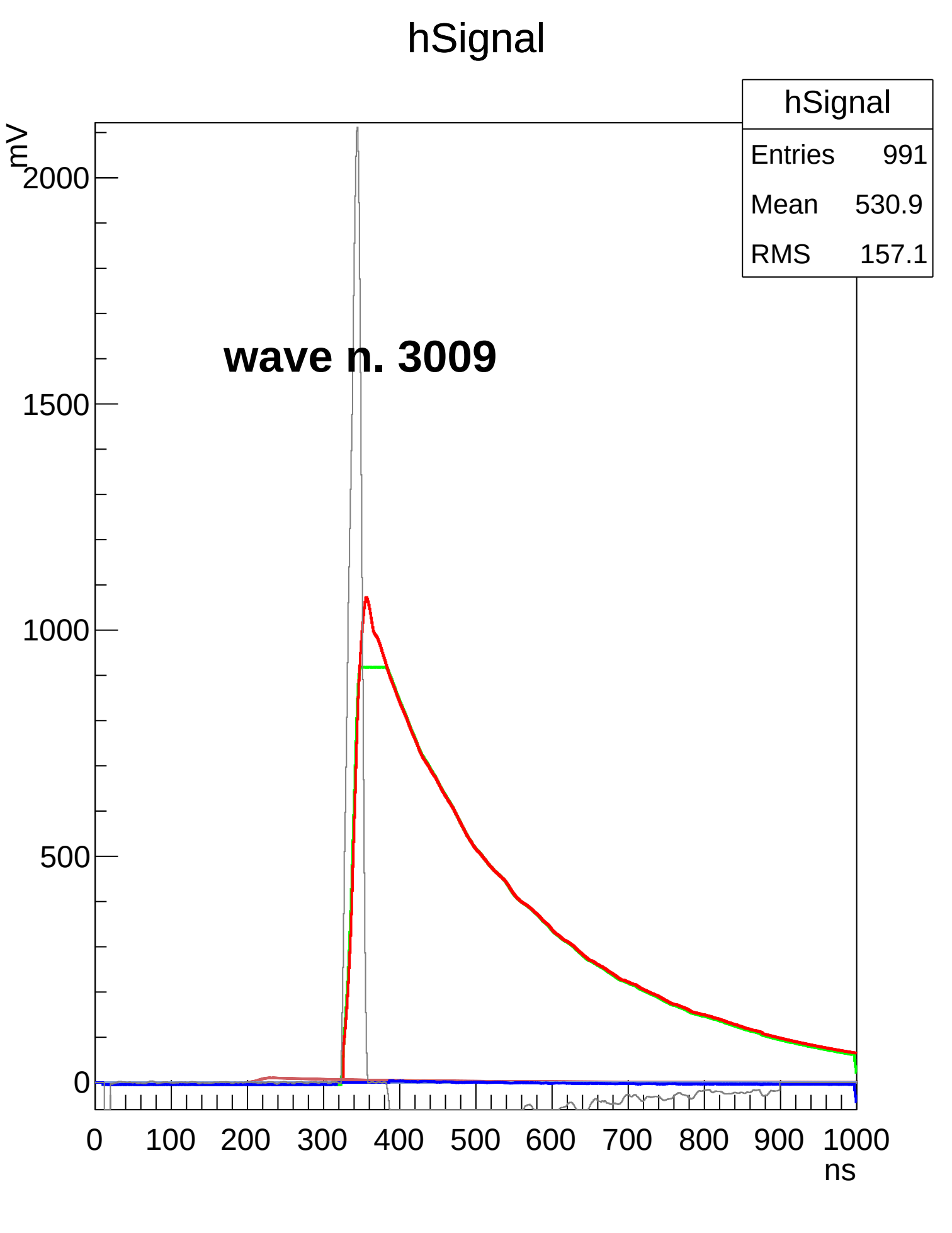
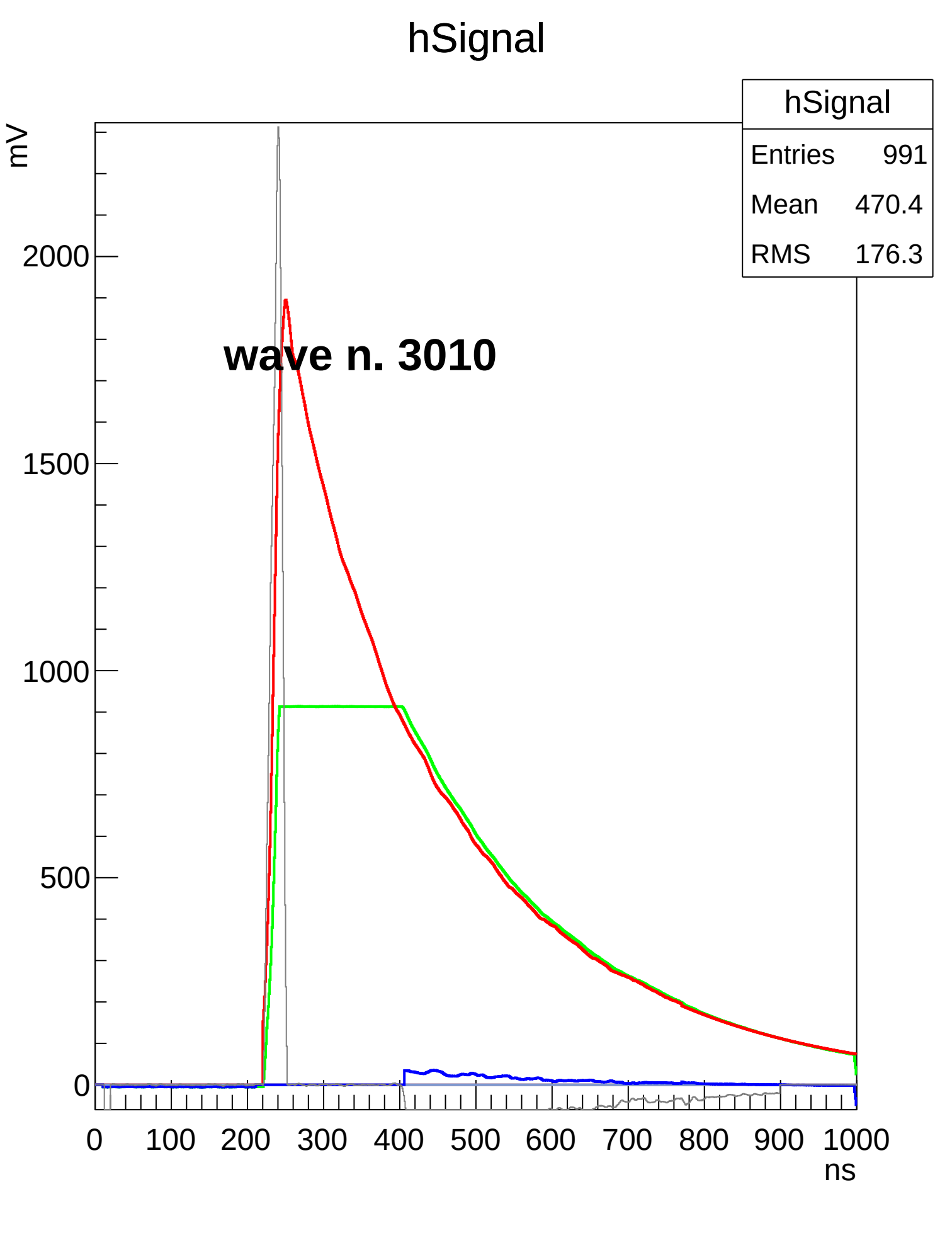
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.9
RMS 157.1
wave n. 3009
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 470.4
RMS 176.3
wave n. 3010
mV
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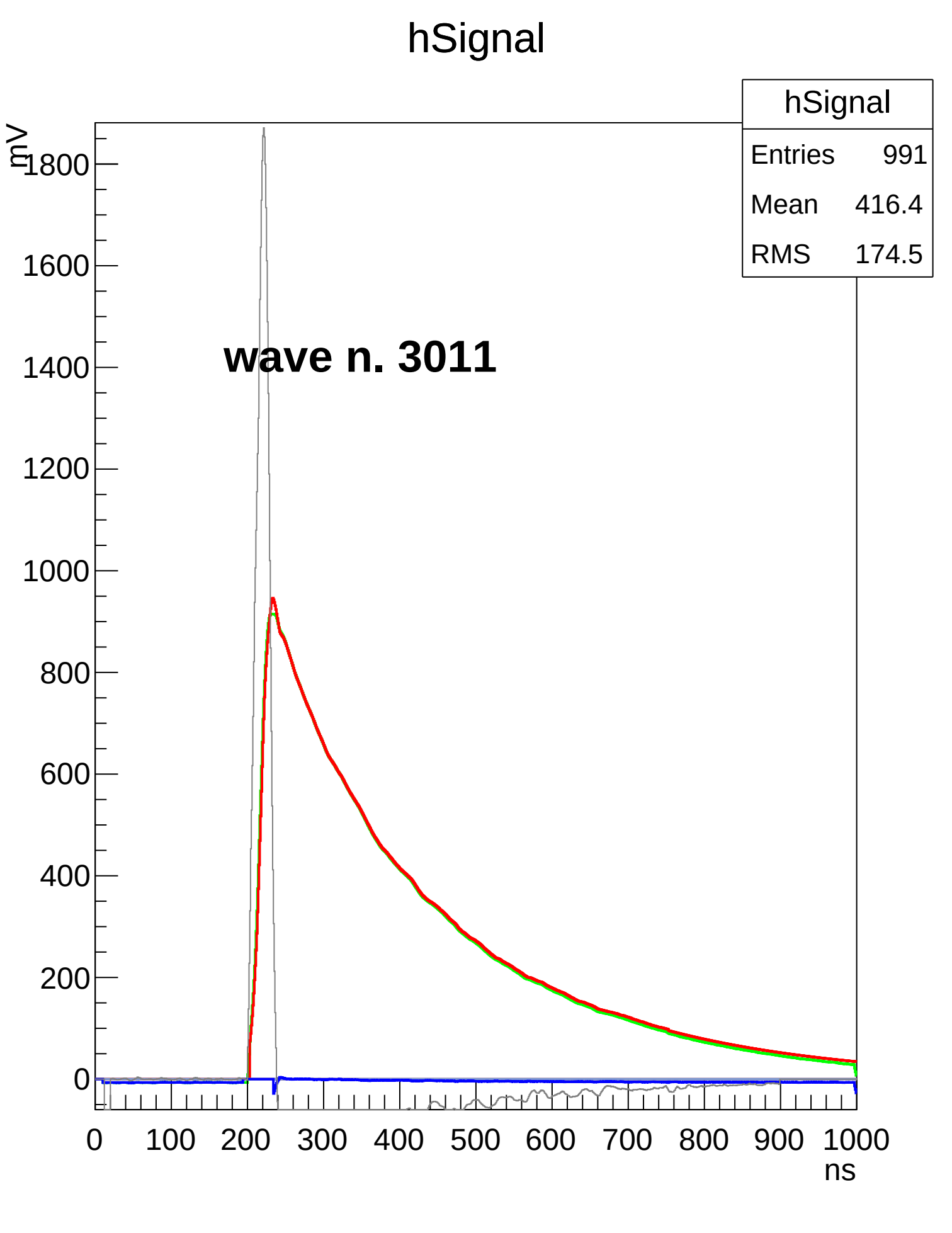
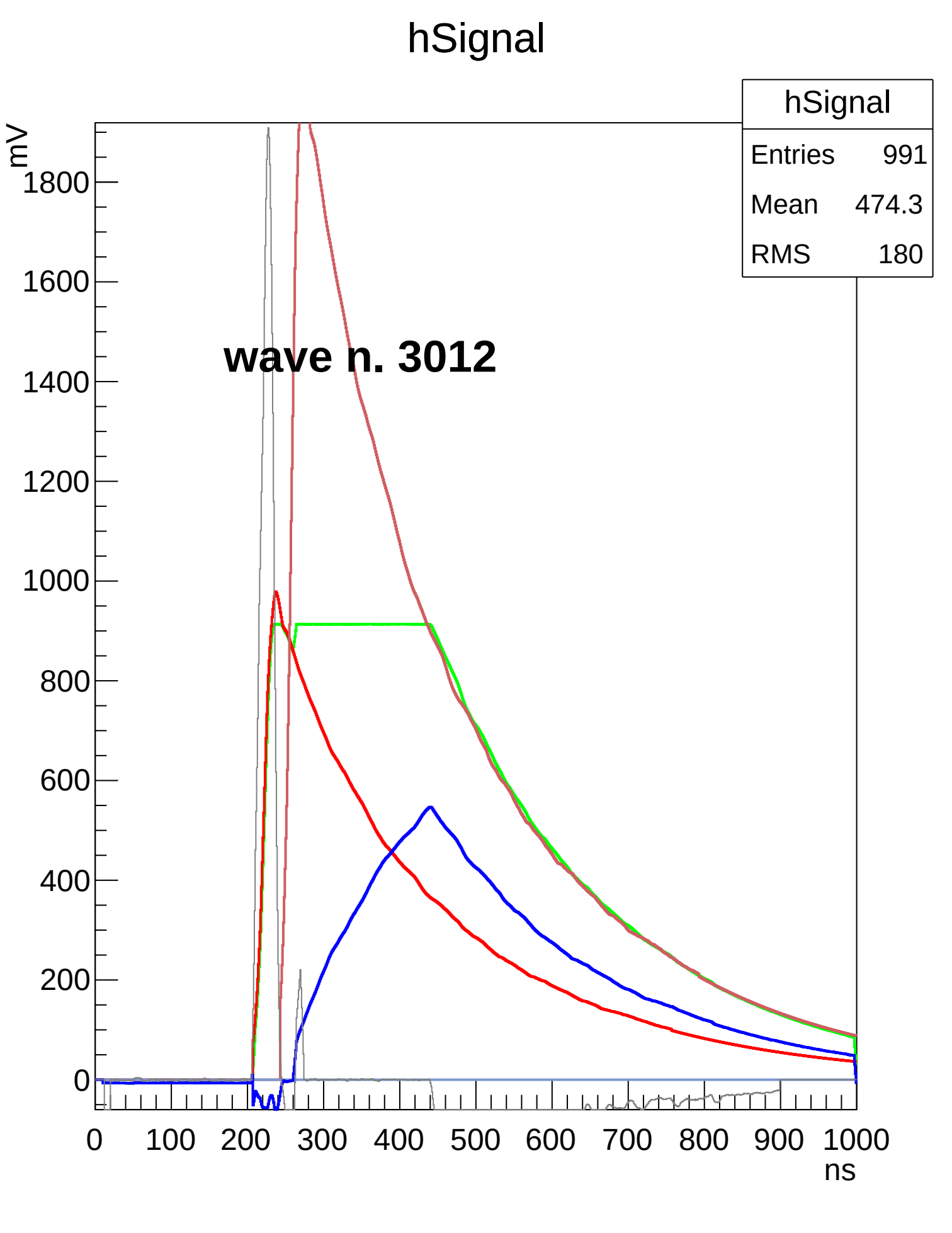
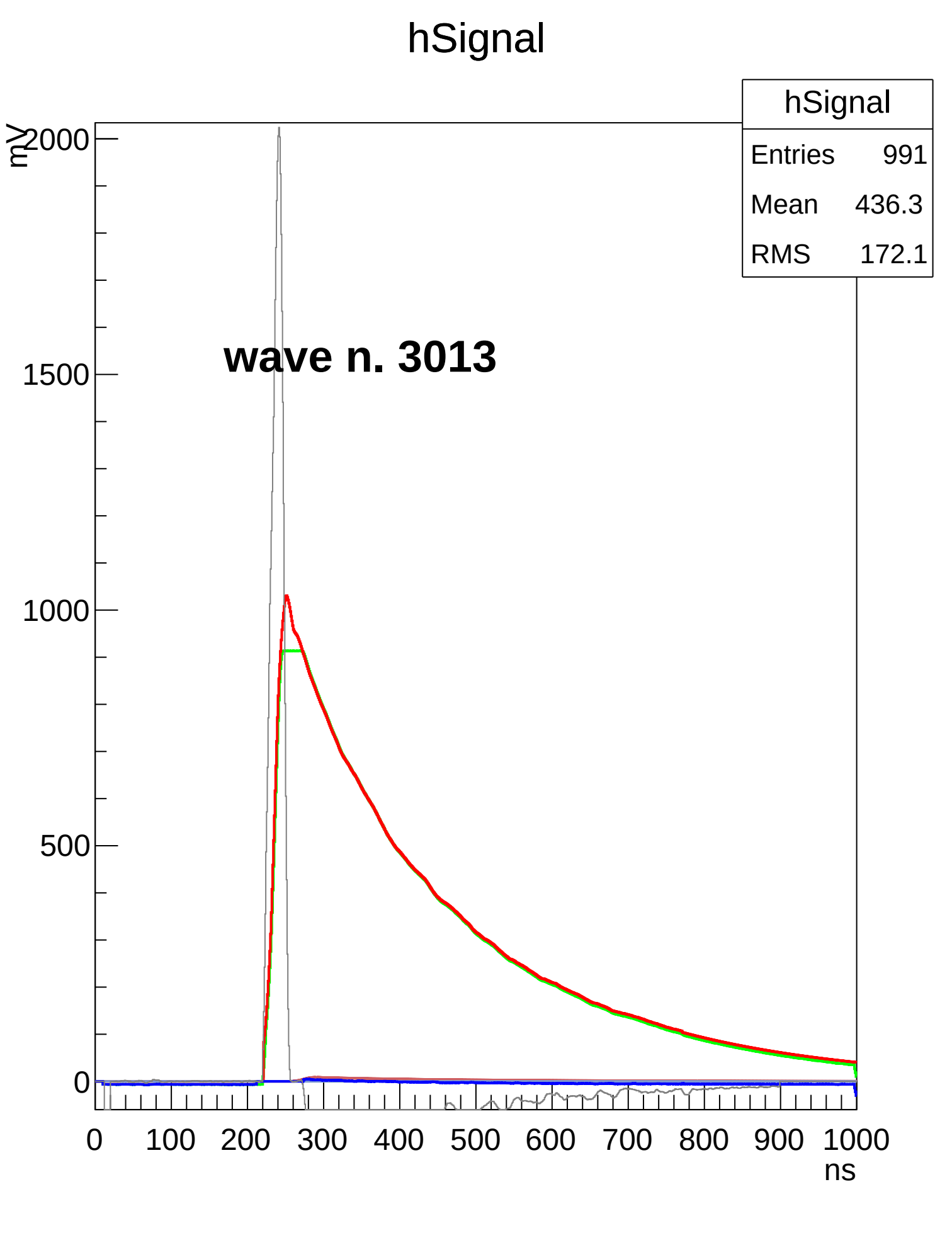
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 416.4
RMS 174.5
wave n. 3011
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 474.3
RMS 180
wave n. 3012
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 436.3
RMS 172.1
wave n. 3013
mV
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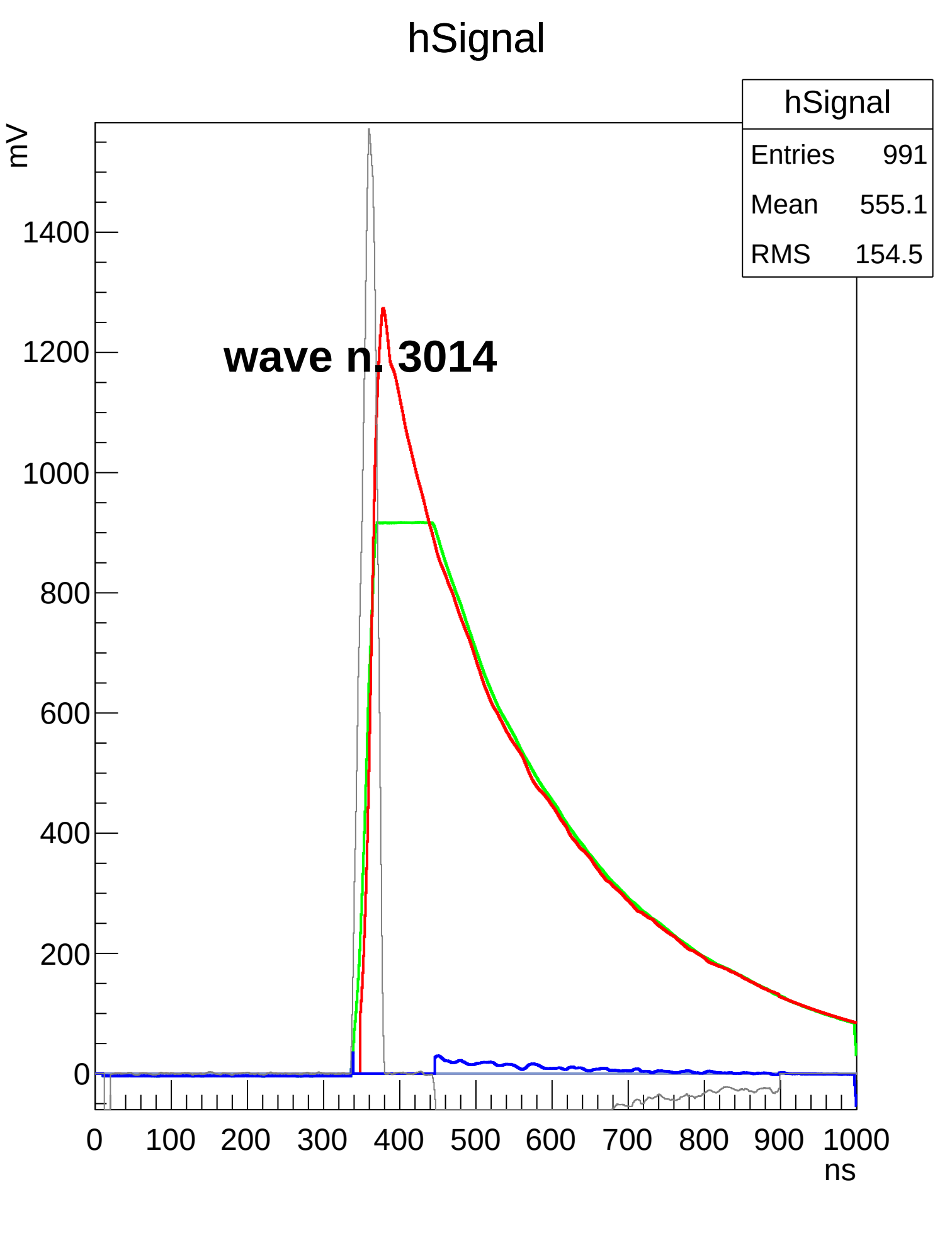
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 555.1
RMS 154.5
wave n. 3014
mV
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600
400
200
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0
100
200
300
400
500
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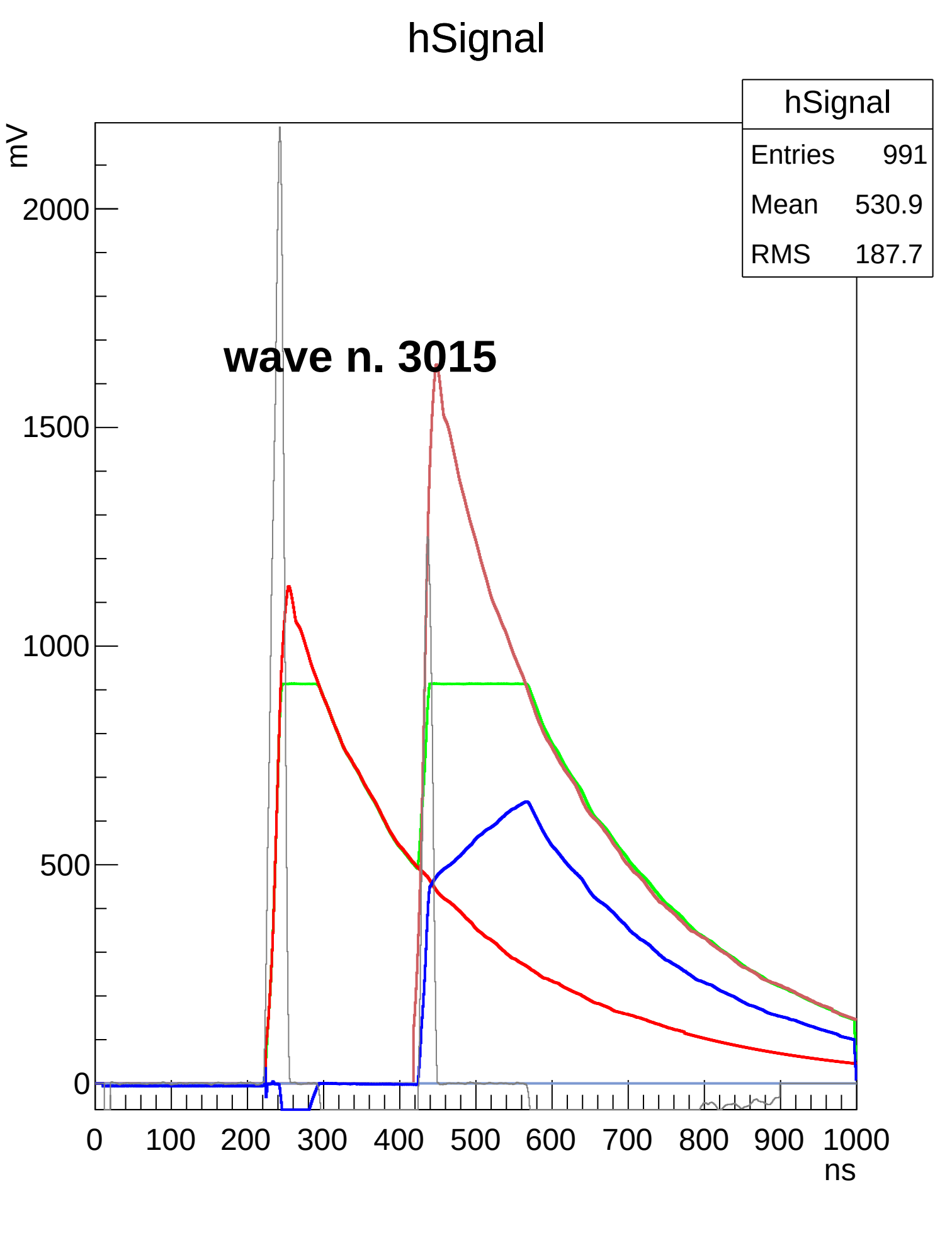
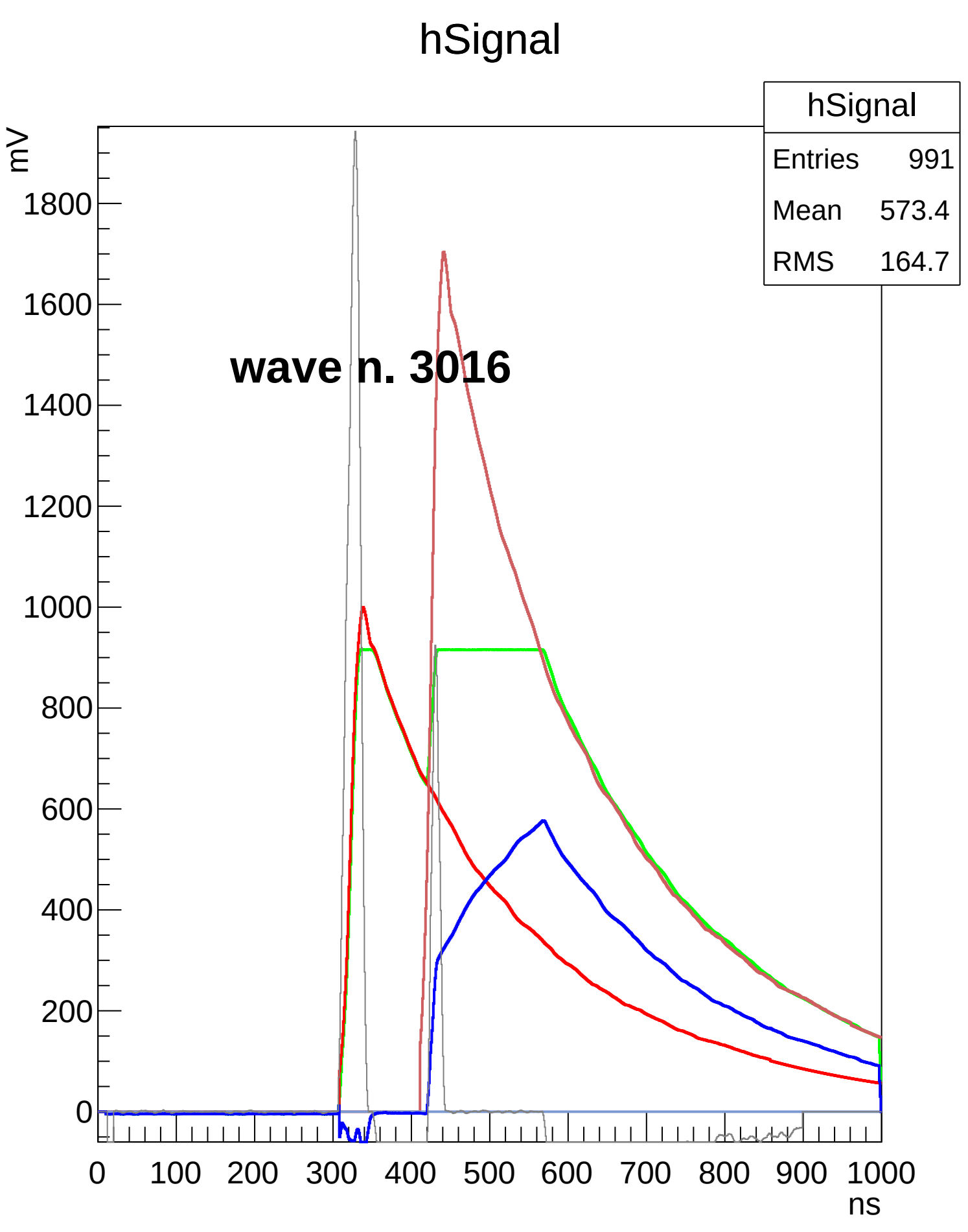
1000
ns


hSignal
hSignal
Entries 991
Mean 530.9
RMS 187.7
wave n. 3015
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 573.4
RMS 164.7
wave n. 3016
mV
1800
1600
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600
400
200
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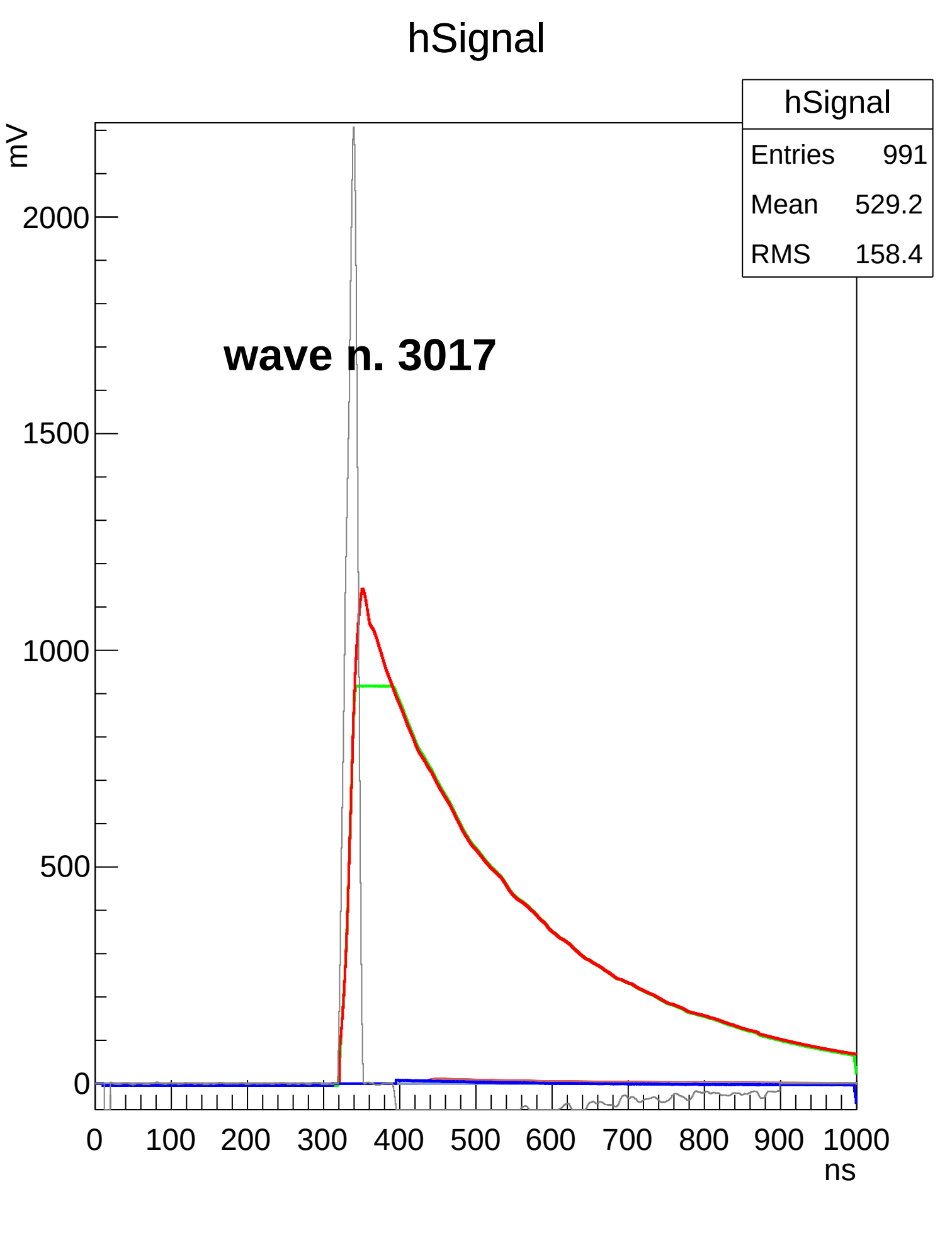
hSignal
hSignal
Entries 991
Mean 529.2
RMS 158.4
wave n. 3017
mV
2000
1500
1000
500
0
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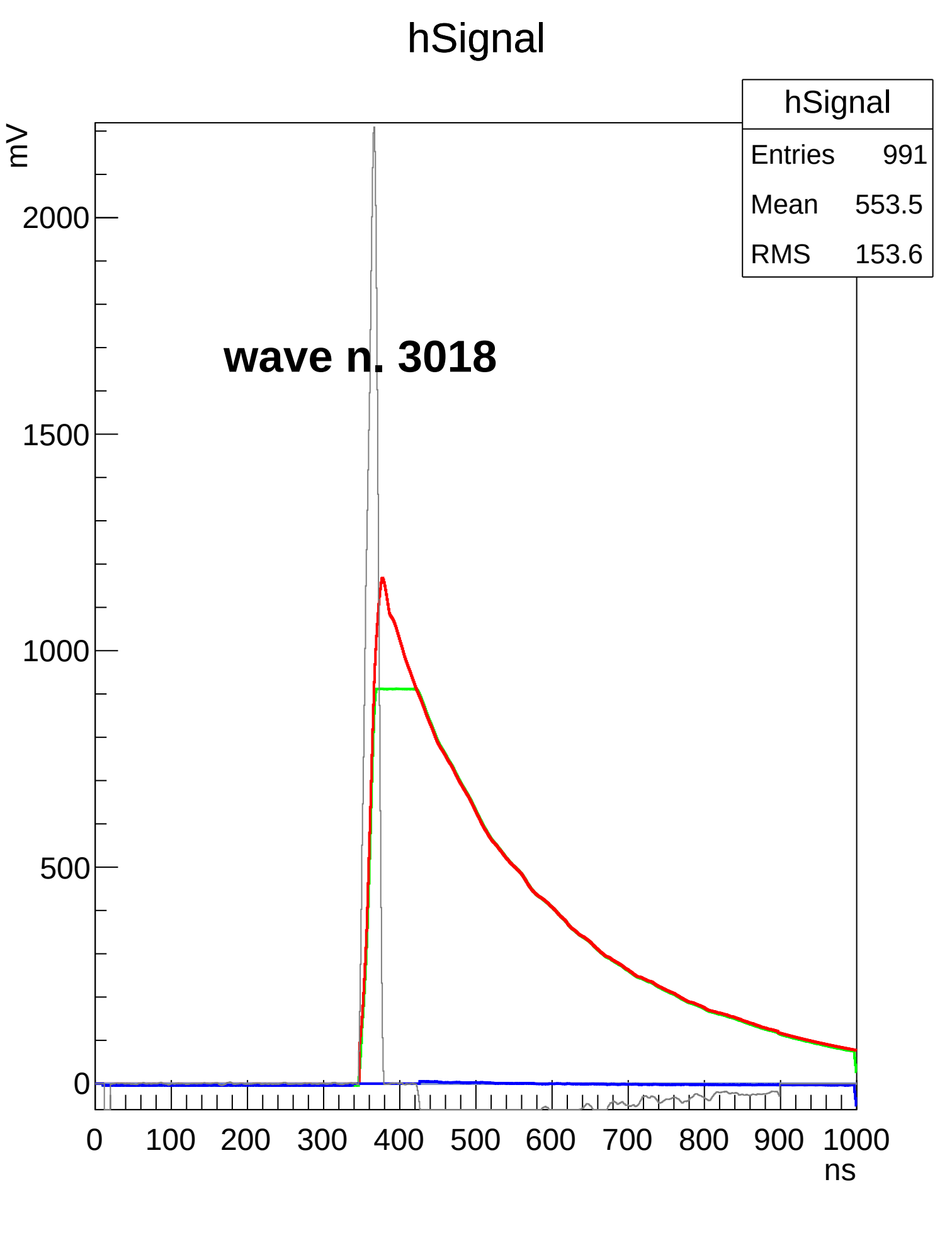
ns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hSignal
Entries 991
Mean 553.5
RMS 153.6
wave n. 3018
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400
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1000
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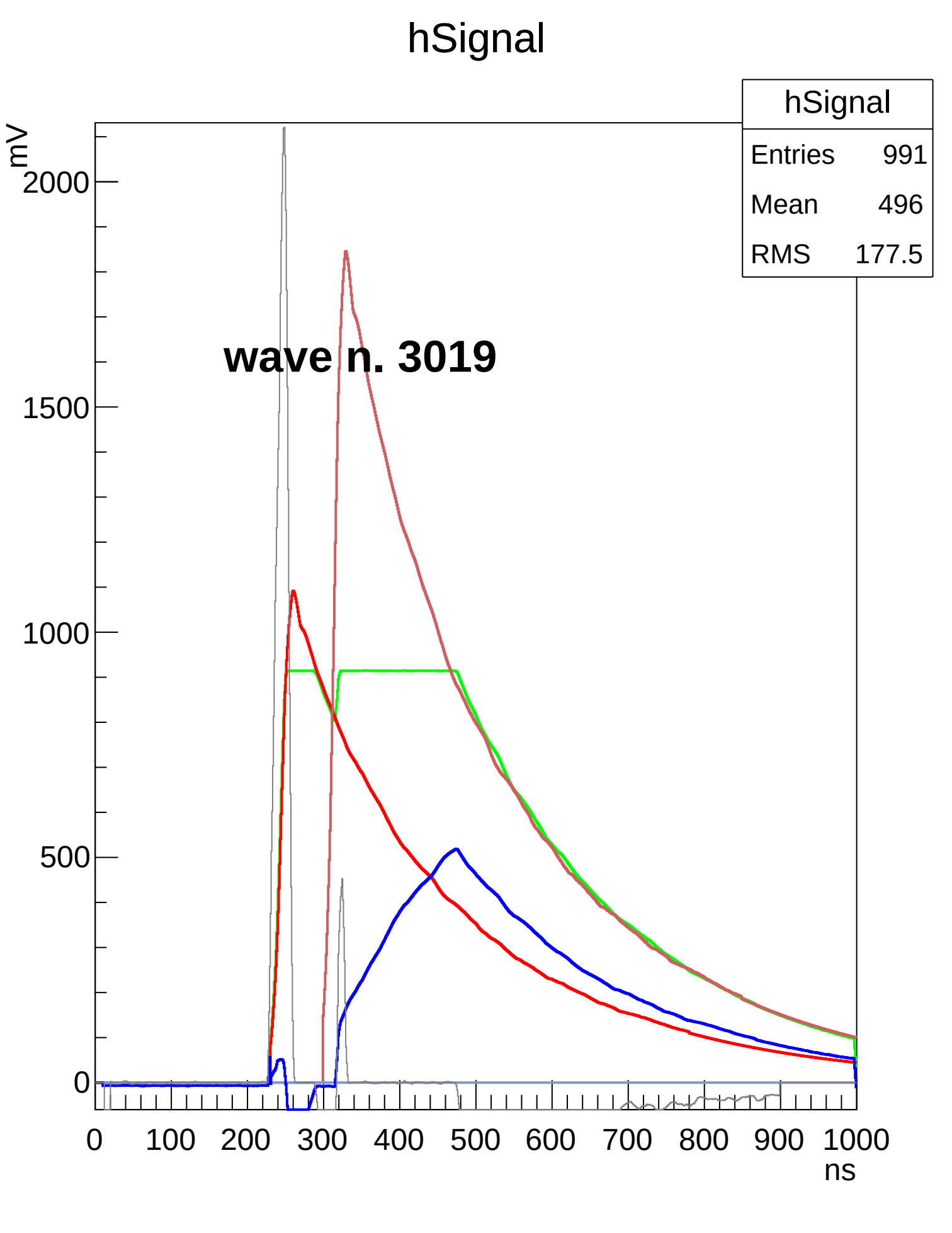
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hSignal
Entries 991
Mean 496
RMS 177.5
wave n. 3019
mV
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1000
500
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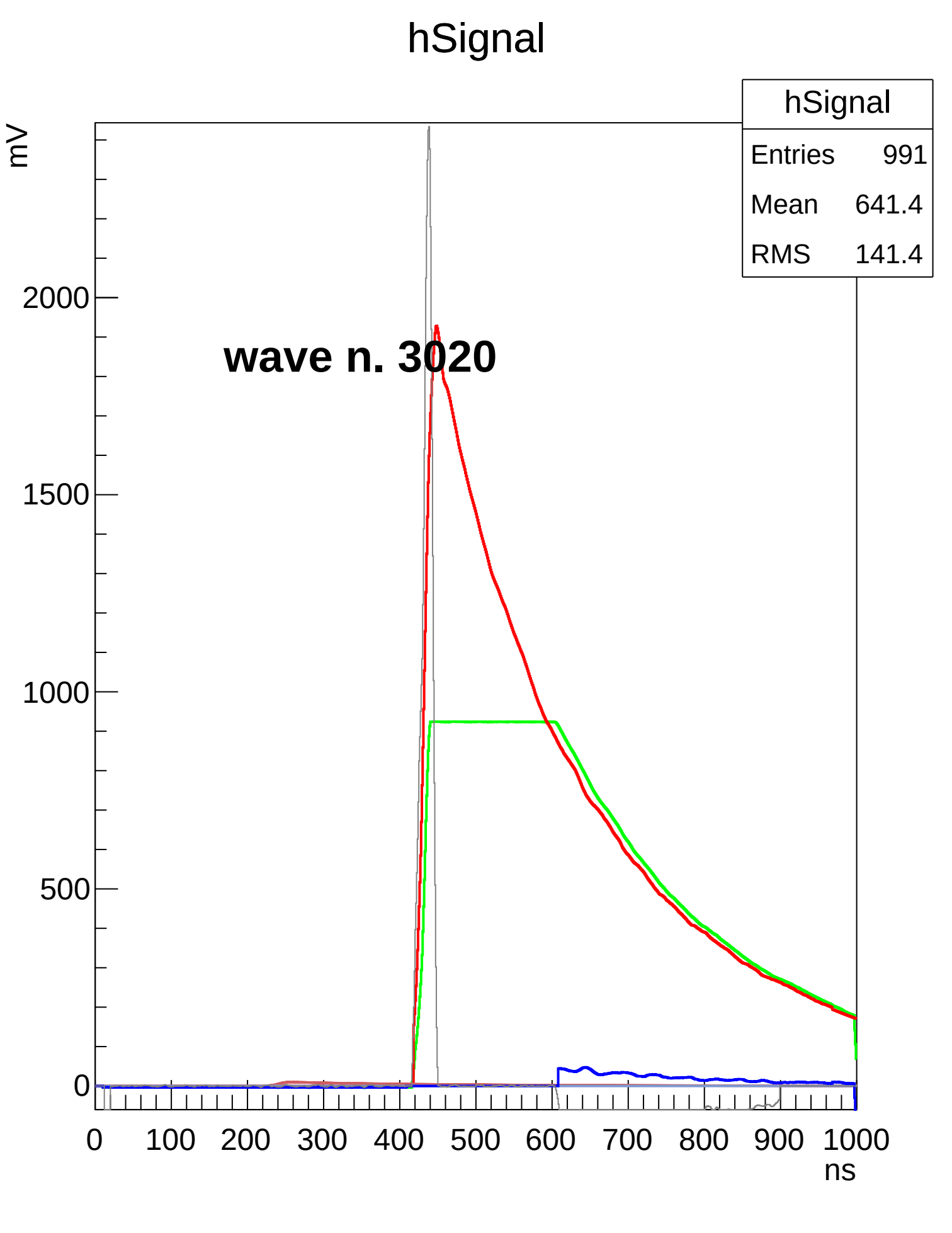
ns


hSignal
hSignal
Entries 991
Mean 641.4
RMS 141.4
wave n. 3020
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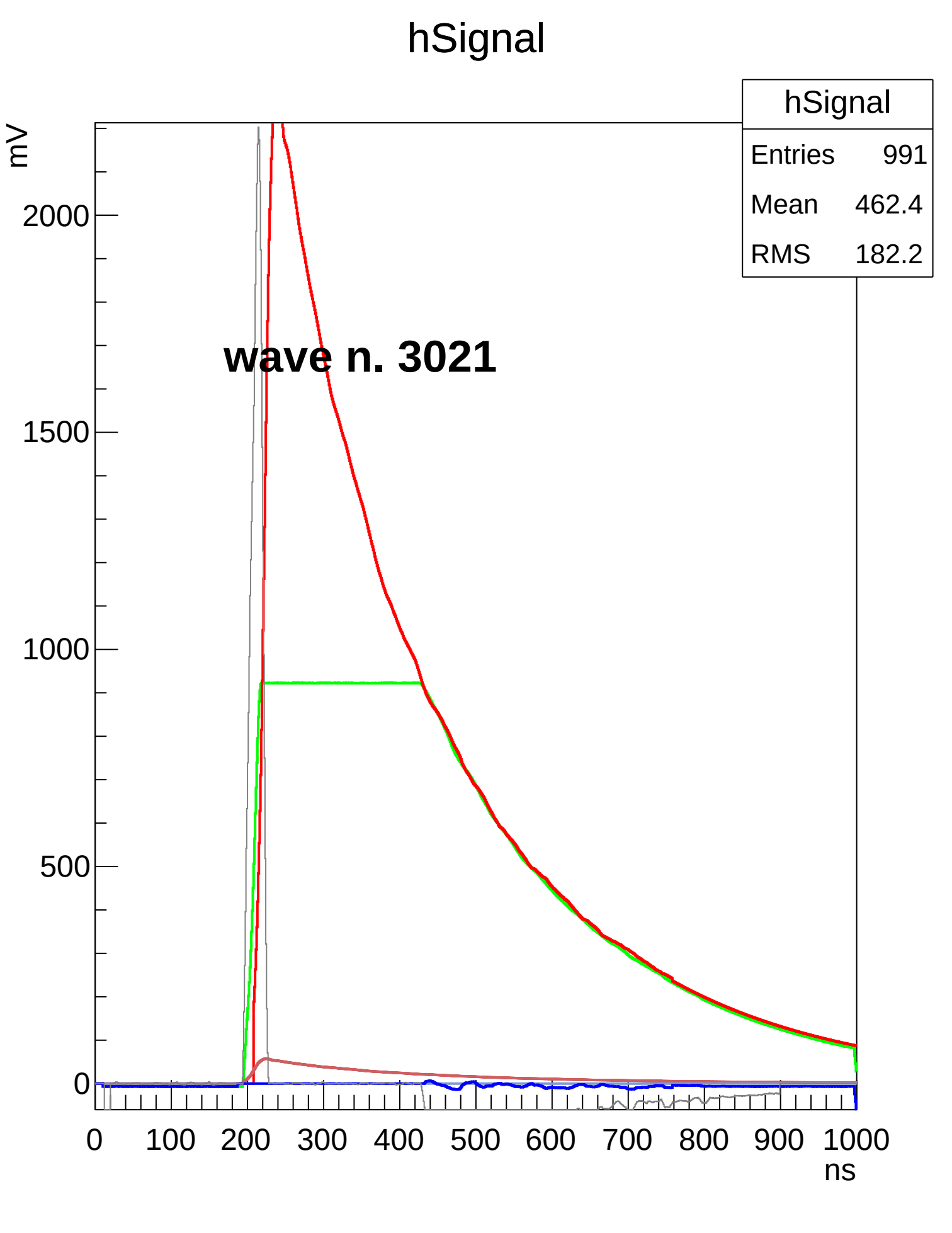
1000
ns


hSignal
hSignal
Entries 991
Mean 462.4
RMS 182.2
wave n. 3021
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1000
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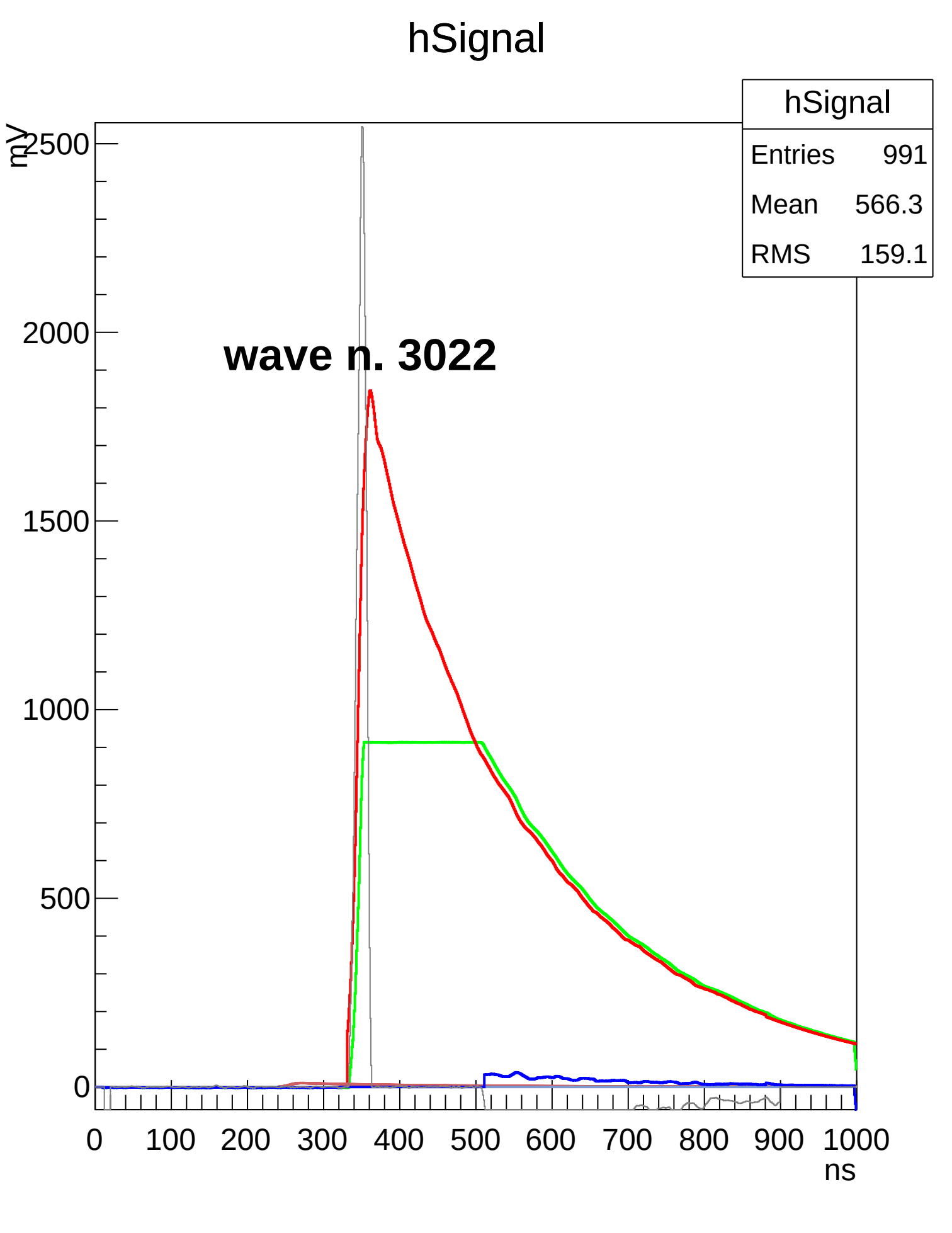
hSignal
hSignal
Entries 991
Mean 566.3
RMS 159.1
wave n. 3022
mV
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2000
1500
1000
500
0
0
100
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400
500
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800
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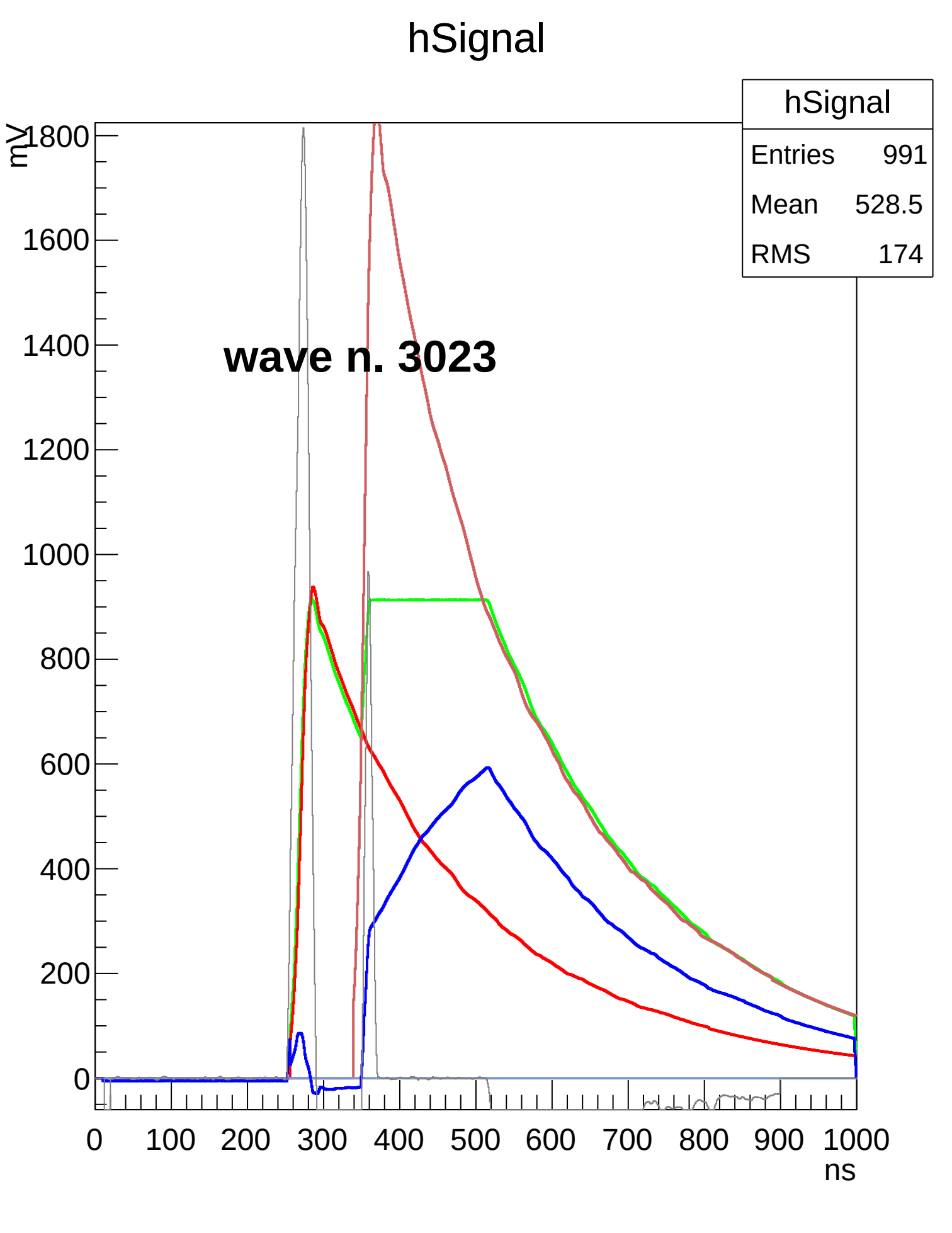
1000
ns


hSignal
hSignal
Entries 991
Mean 528.5
RMS 174
wave n. 3023
mV
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1400
1200
1000
800
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400
200
0
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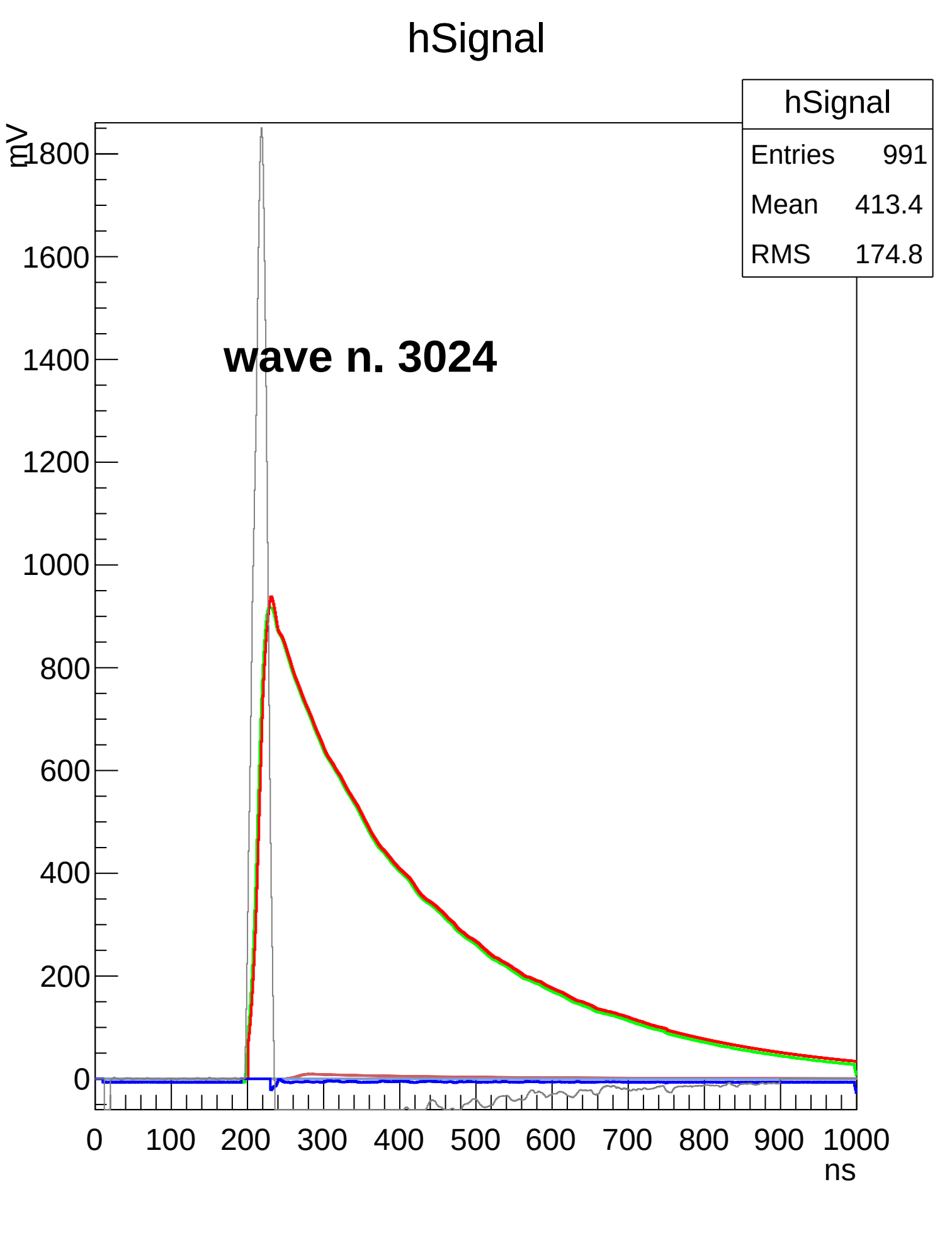
ns


hSignal
hSignal
Entries 991
Mean 413.4
RMS 174.8
wave n. 3024
mV
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1600
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600
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200
0
0
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200
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400
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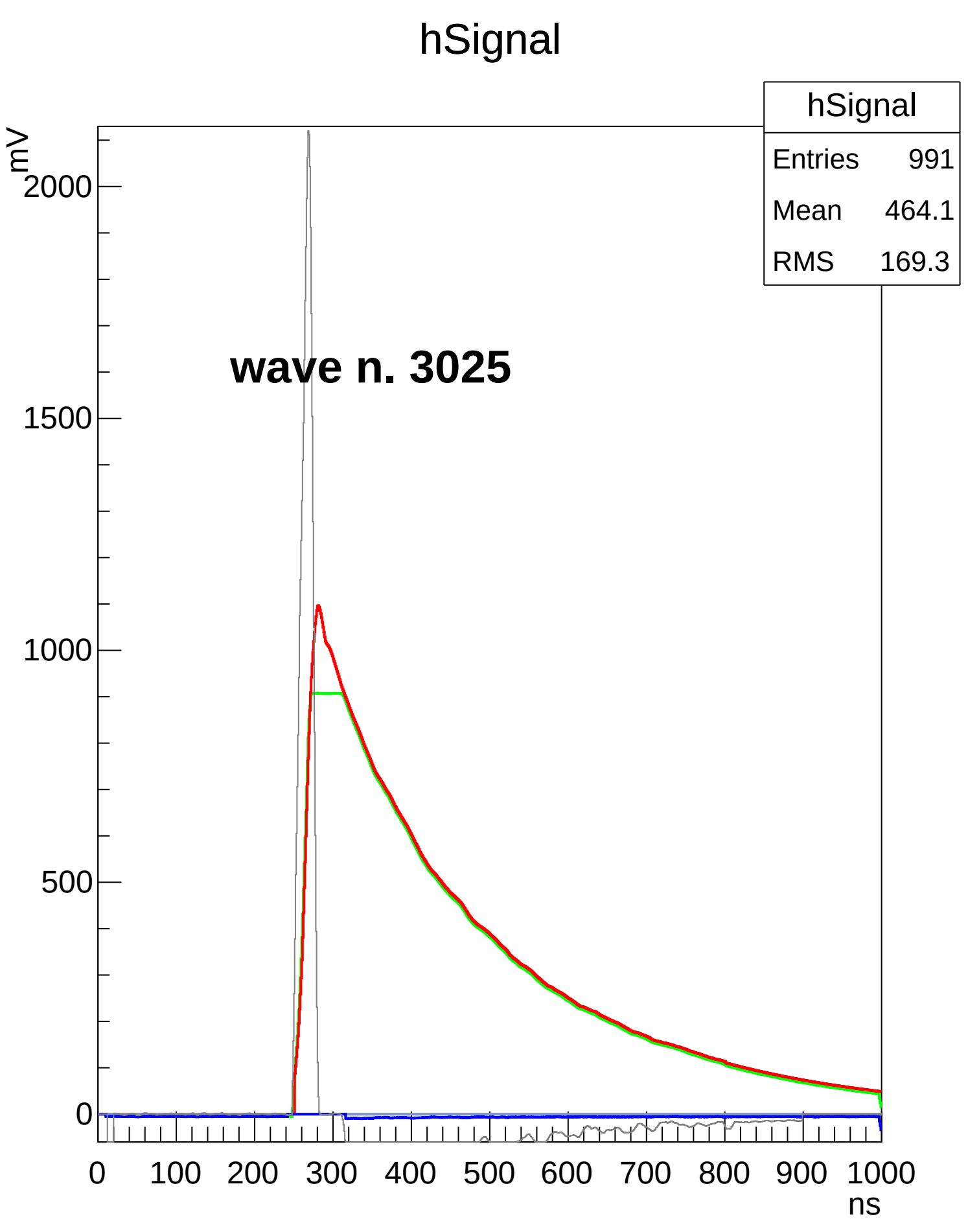
1000
ns


hSignal
hSignal
Entries 991
Mean 464.1
RMS 169.3
wave n. 3025
mV
2000
1500
1000
500
0
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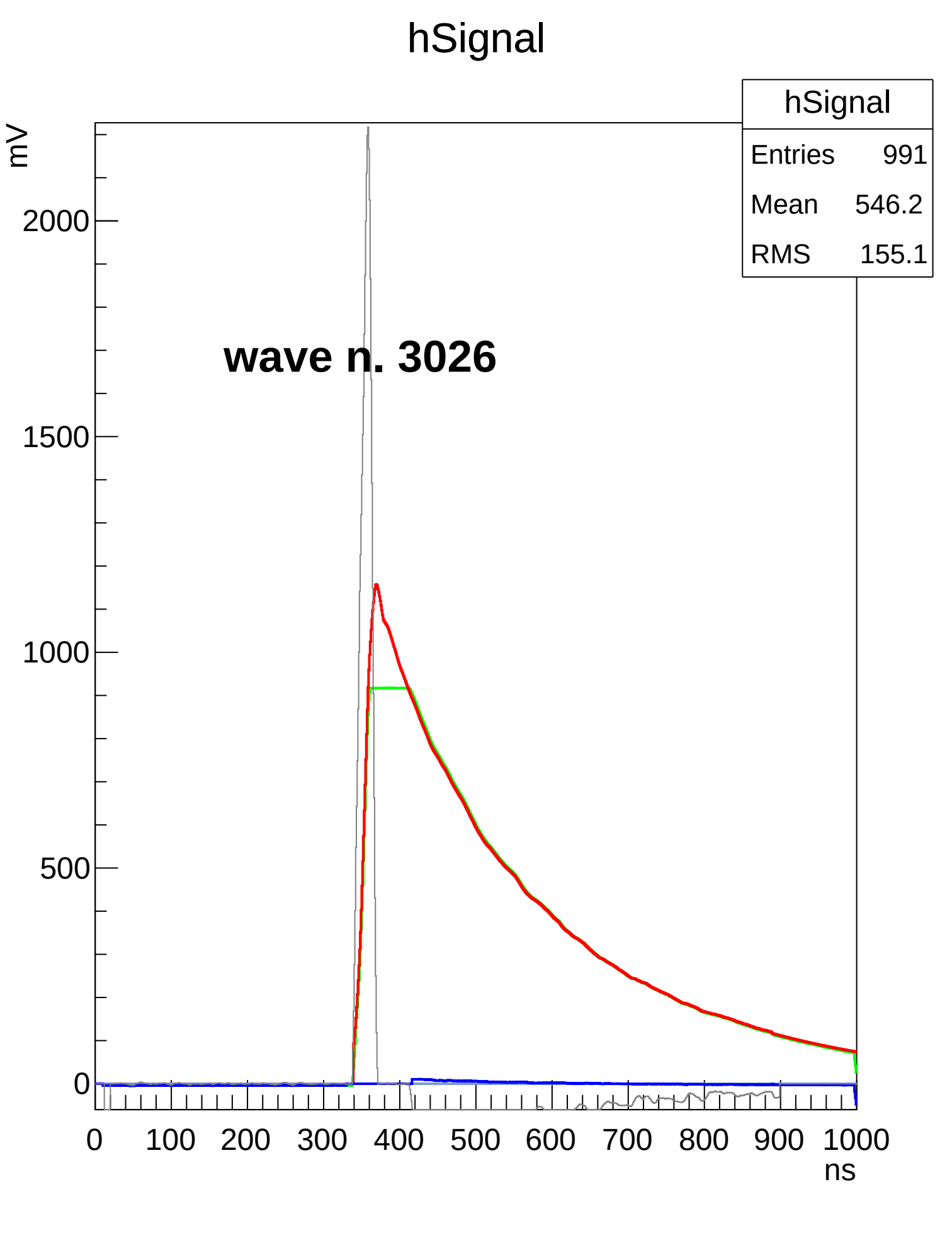
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 546.2
RMS 155.1
wave n. 3026
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400
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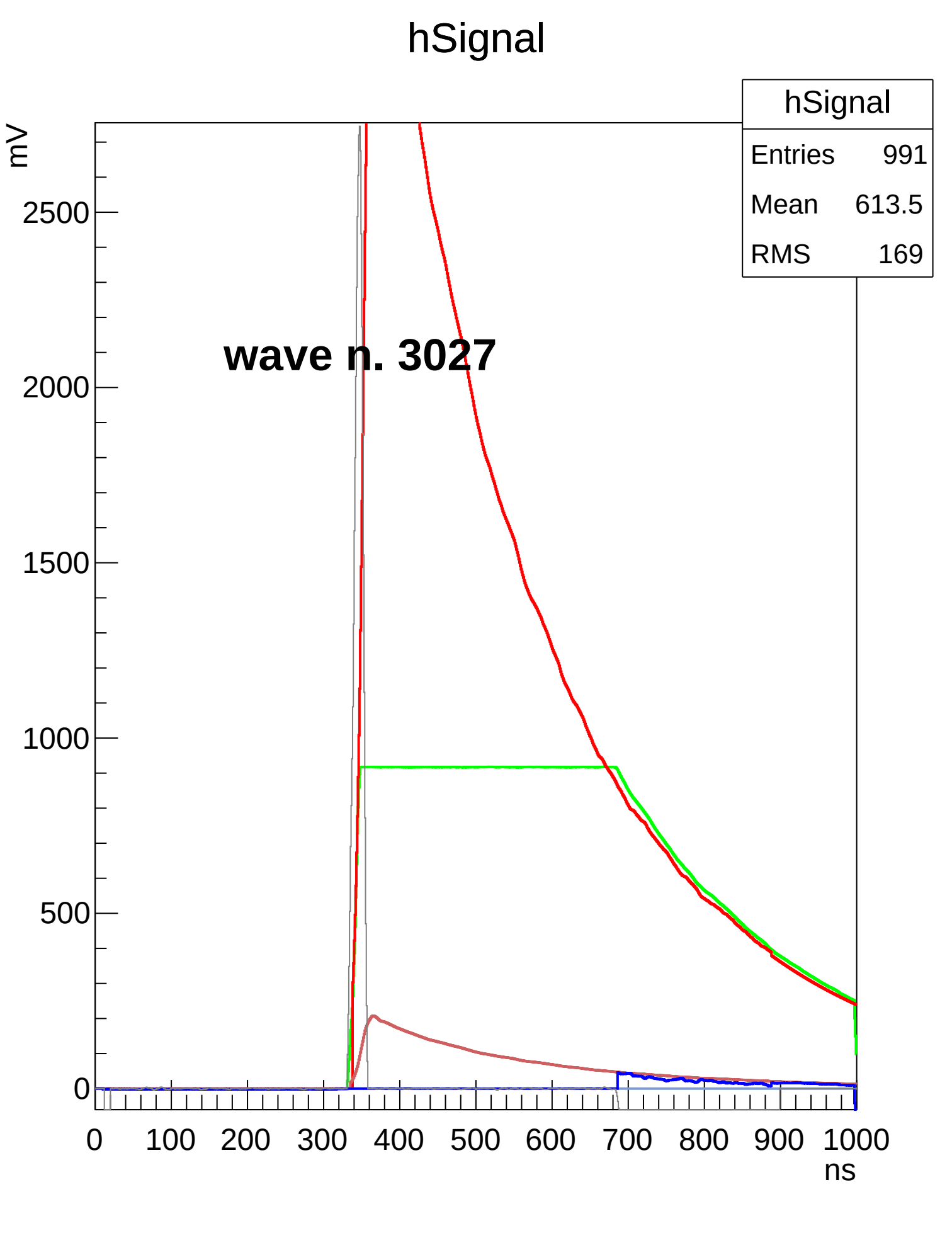
1000
ns


hSignal
hSignal
Entries 991
Mean 613.5
RMS 169
wave n. 3027
mV
2500
2000
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1000
500
0
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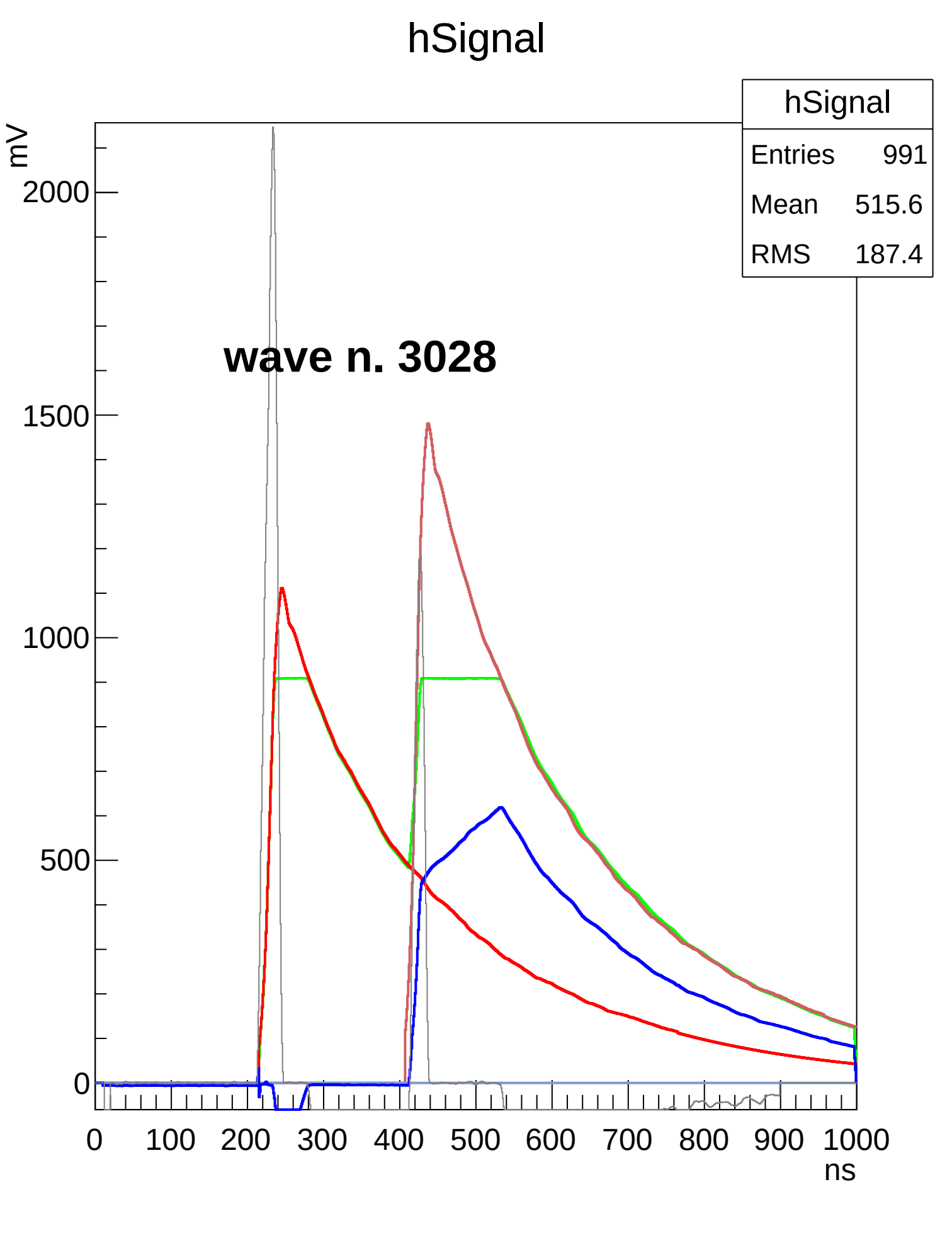
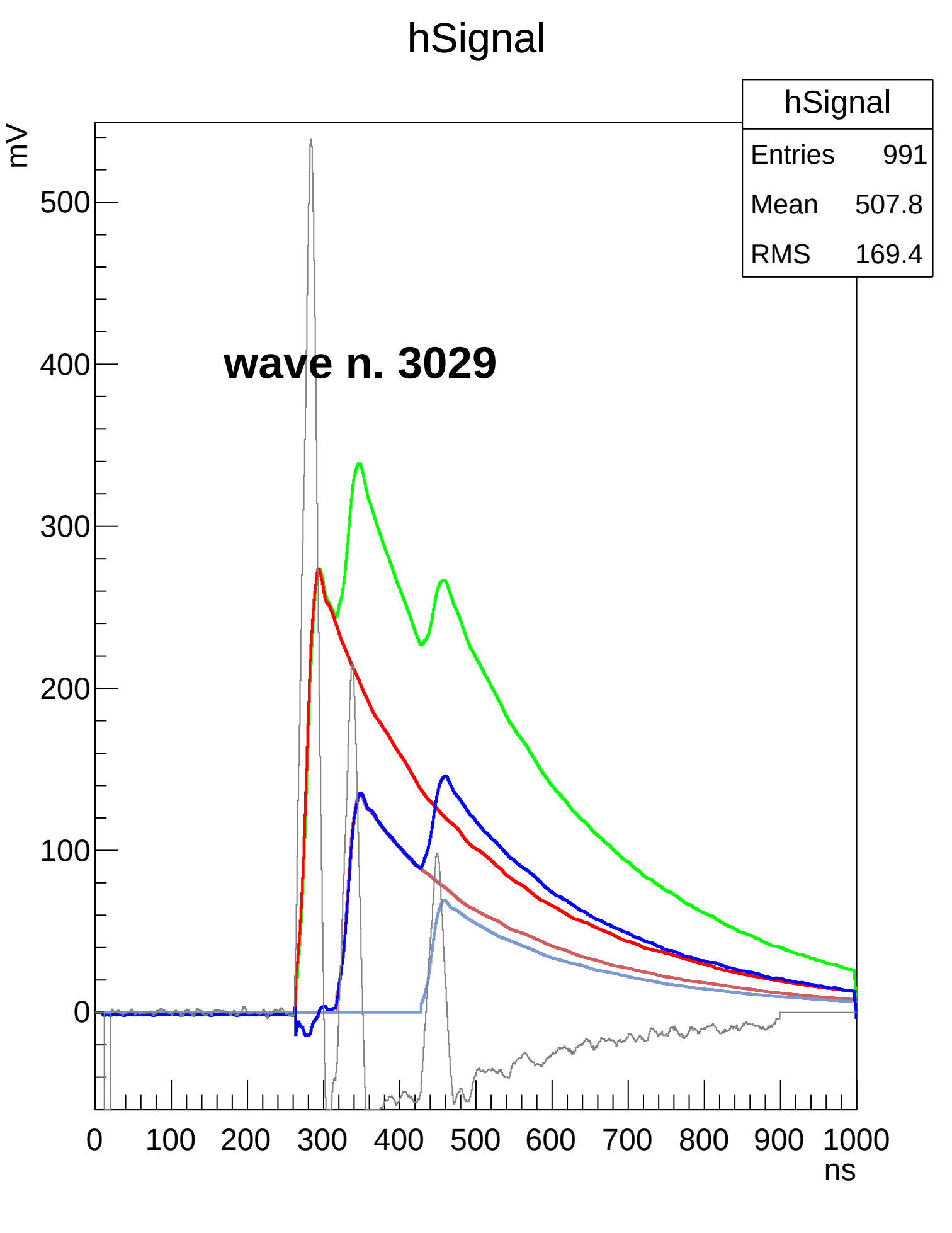
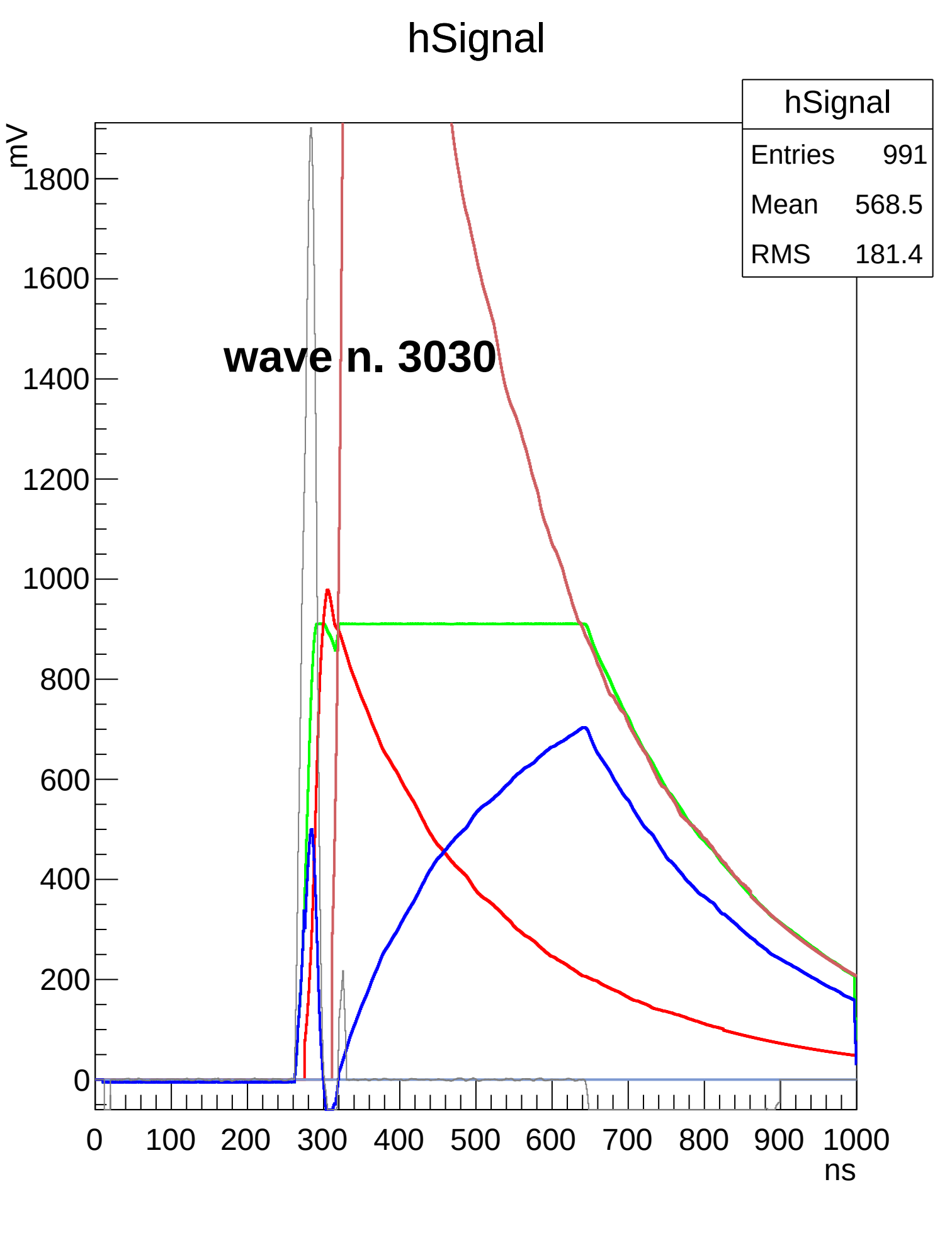
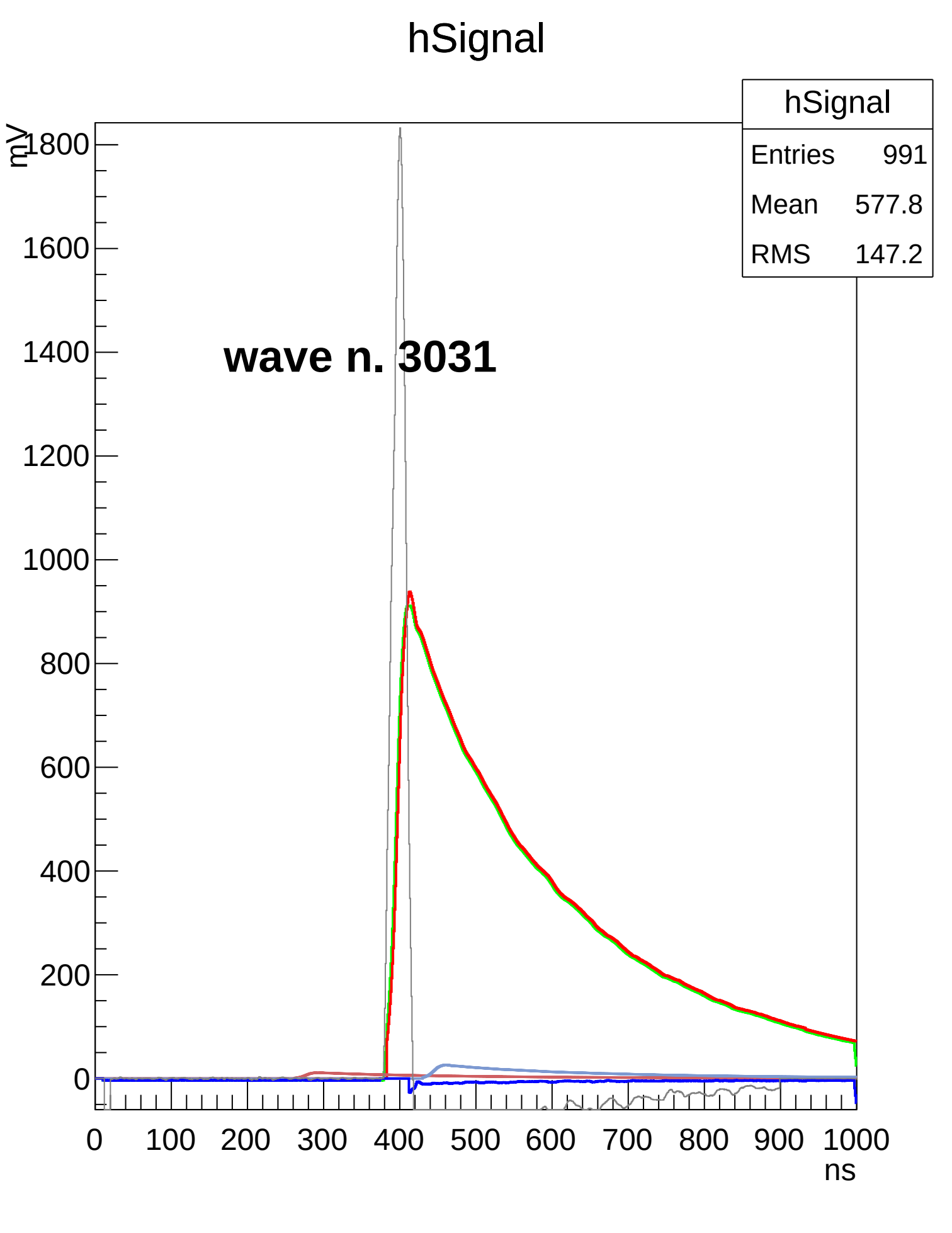
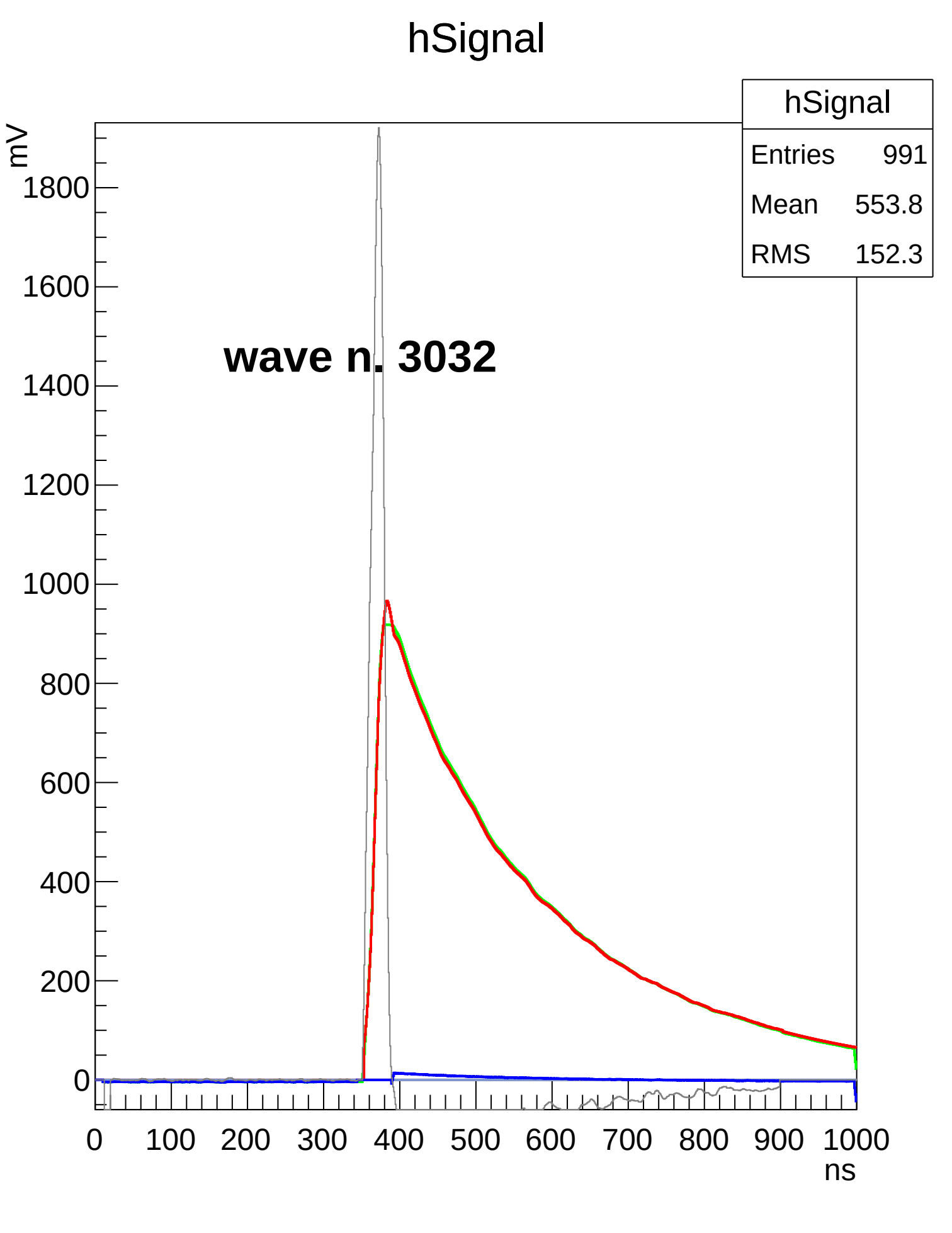
ns

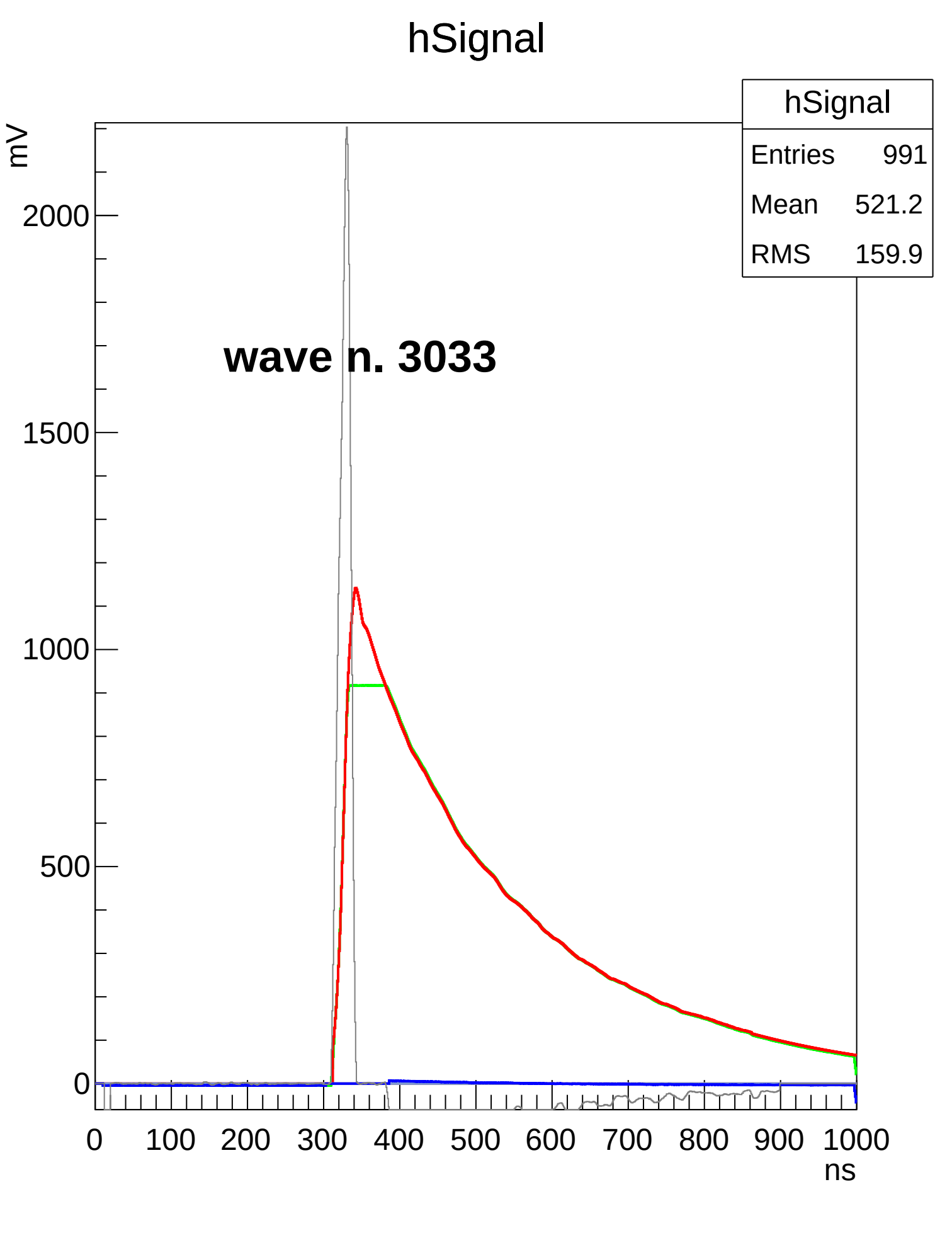

hSignal
hSignal
Entries 991
Mean 515.6
RMS 187.4
wave n. 3028
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

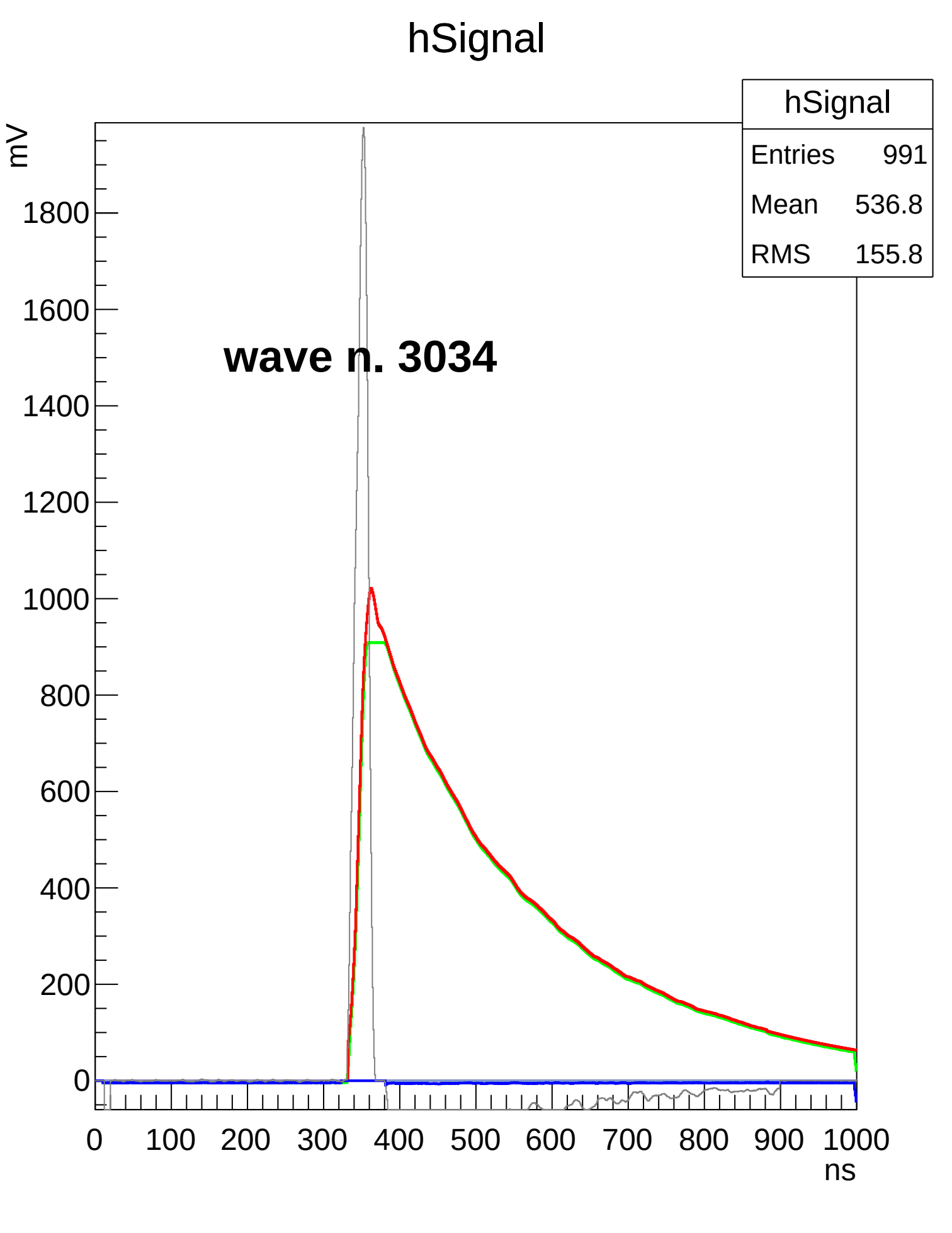

hSignal
hSignal
Entries 991
Mean 507.8
RMS 169.4
wave n. 3029
mV
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns

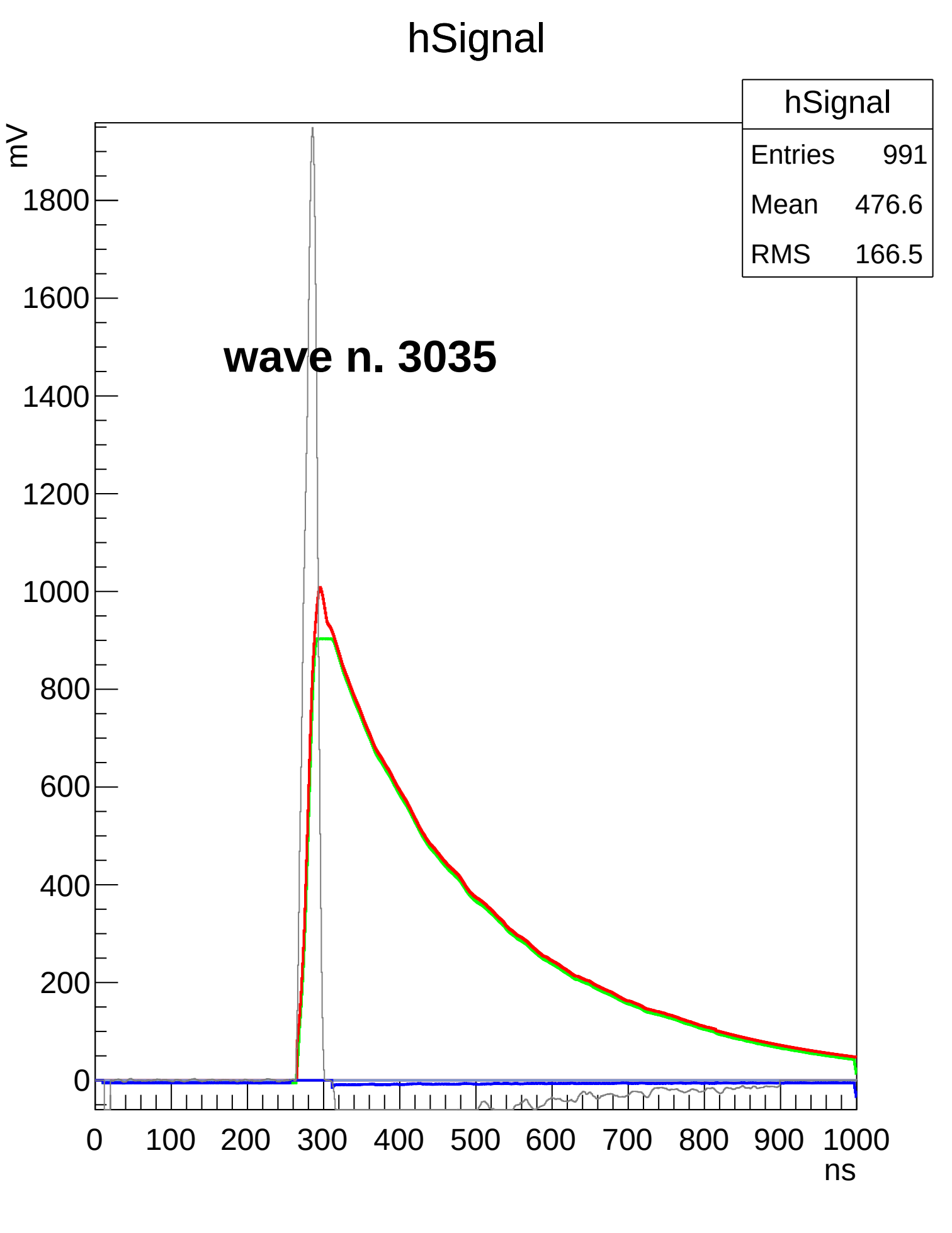

hSignal
hSignal
Entries 991
Mean 568.5
RMS 181.4
wave n. 3030
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

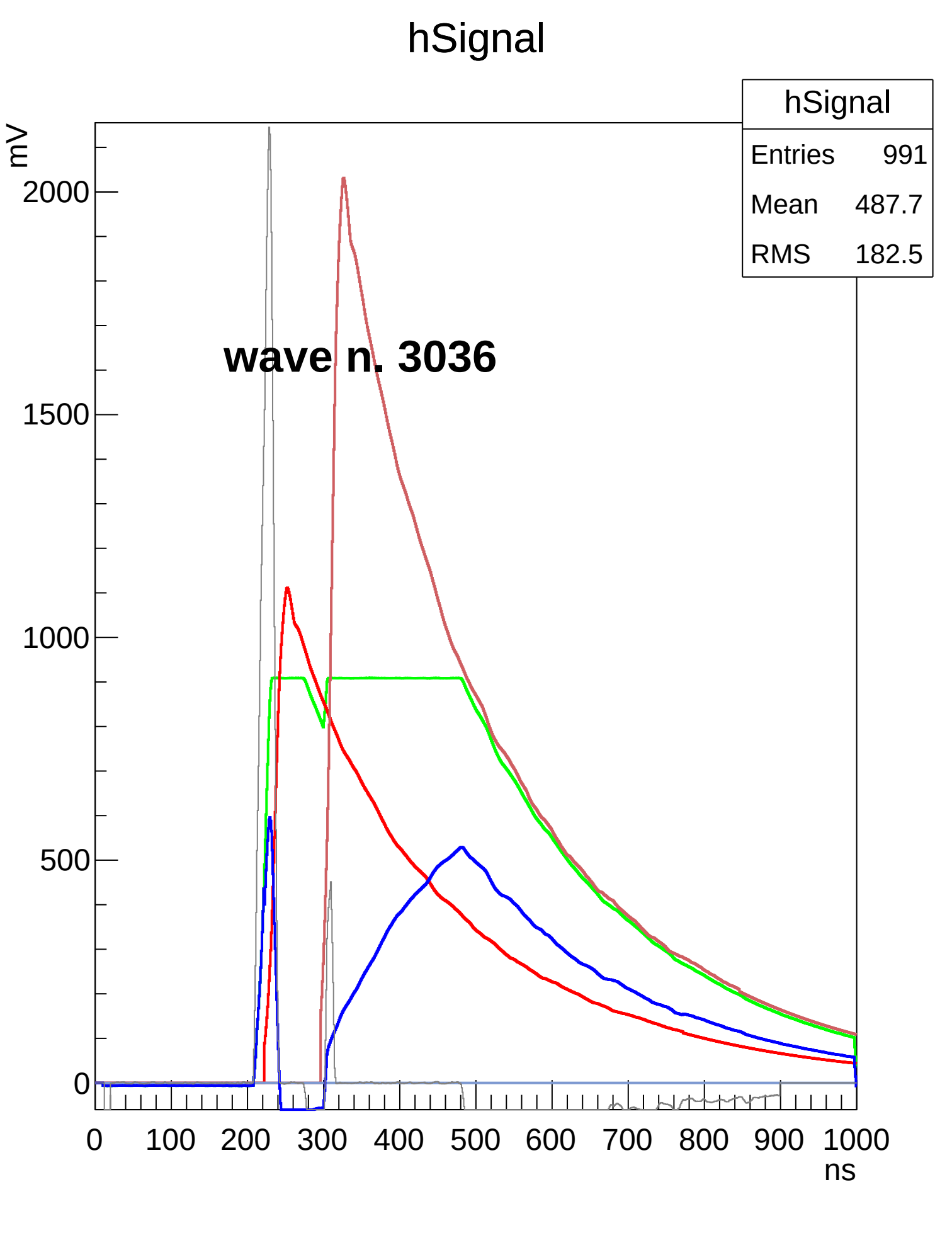

hSignal
hSignal
Entries 991
Mean 577.8
RMS 147.2
wave n. 3031
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

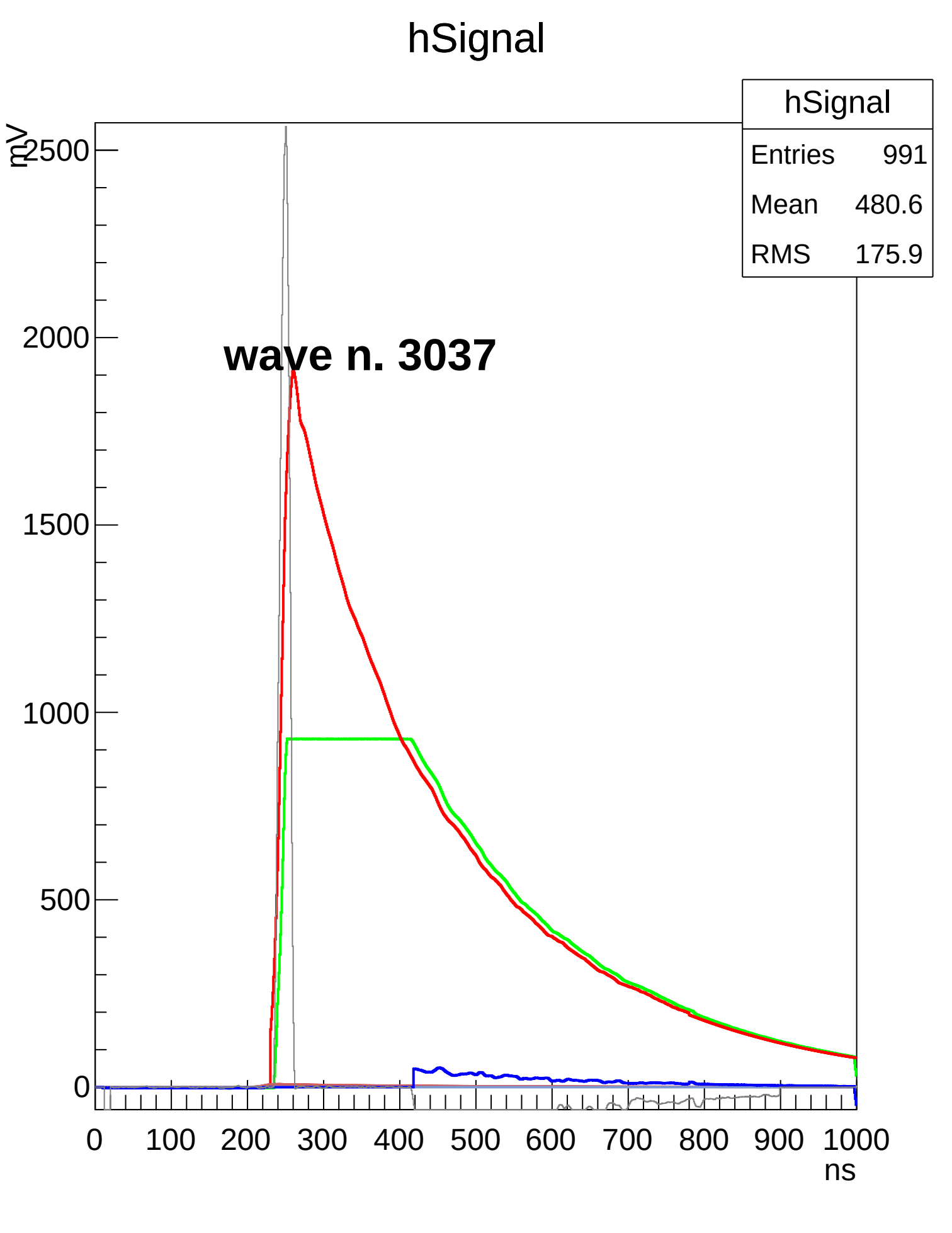

hSignal
hSignal
Entries 991
Mean 553.8
RMS 152.3
wave n. 3032
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

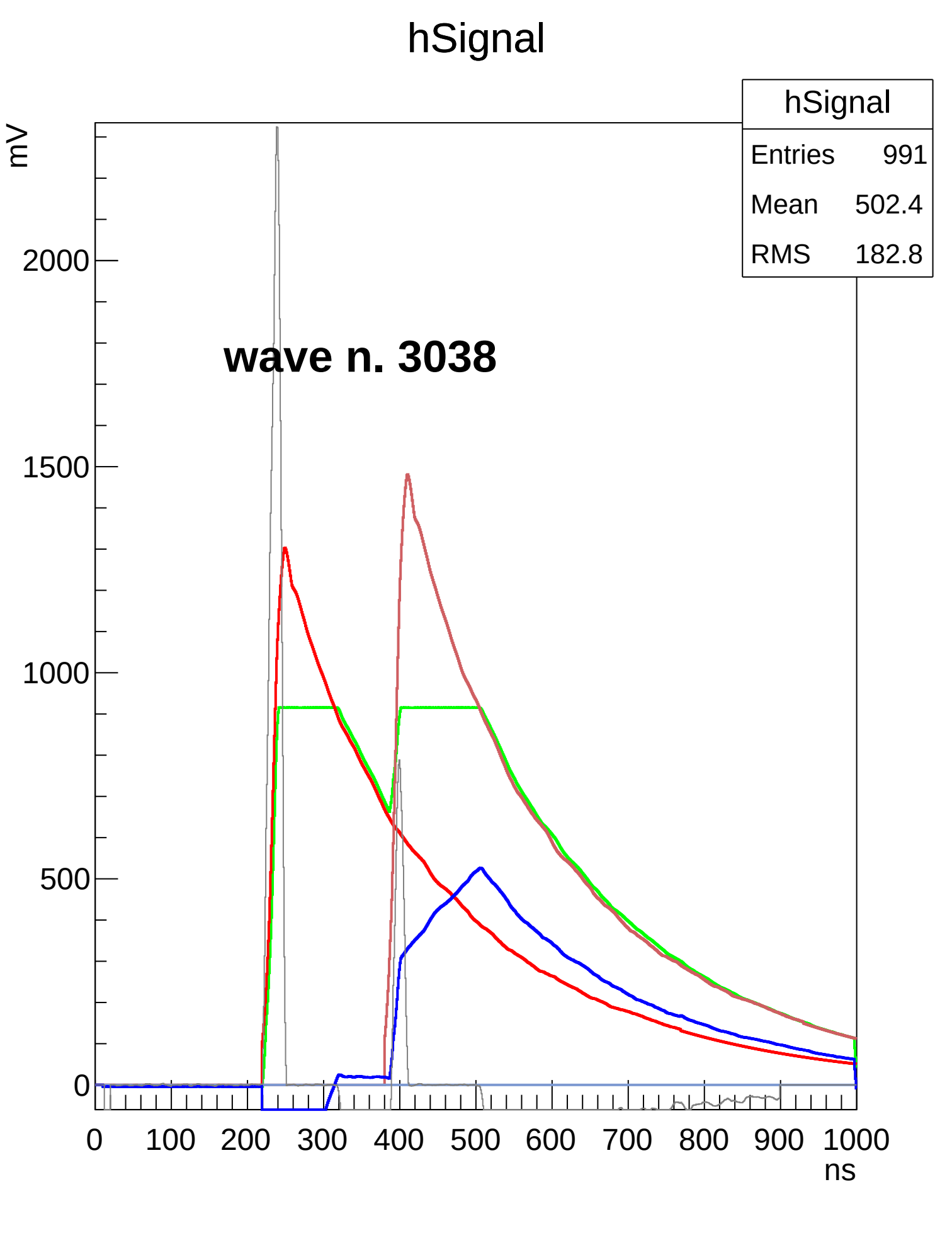

hSignal
hSignal
Entries 991
Mean 521.2
RMS 159.9
wave n. 3033
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

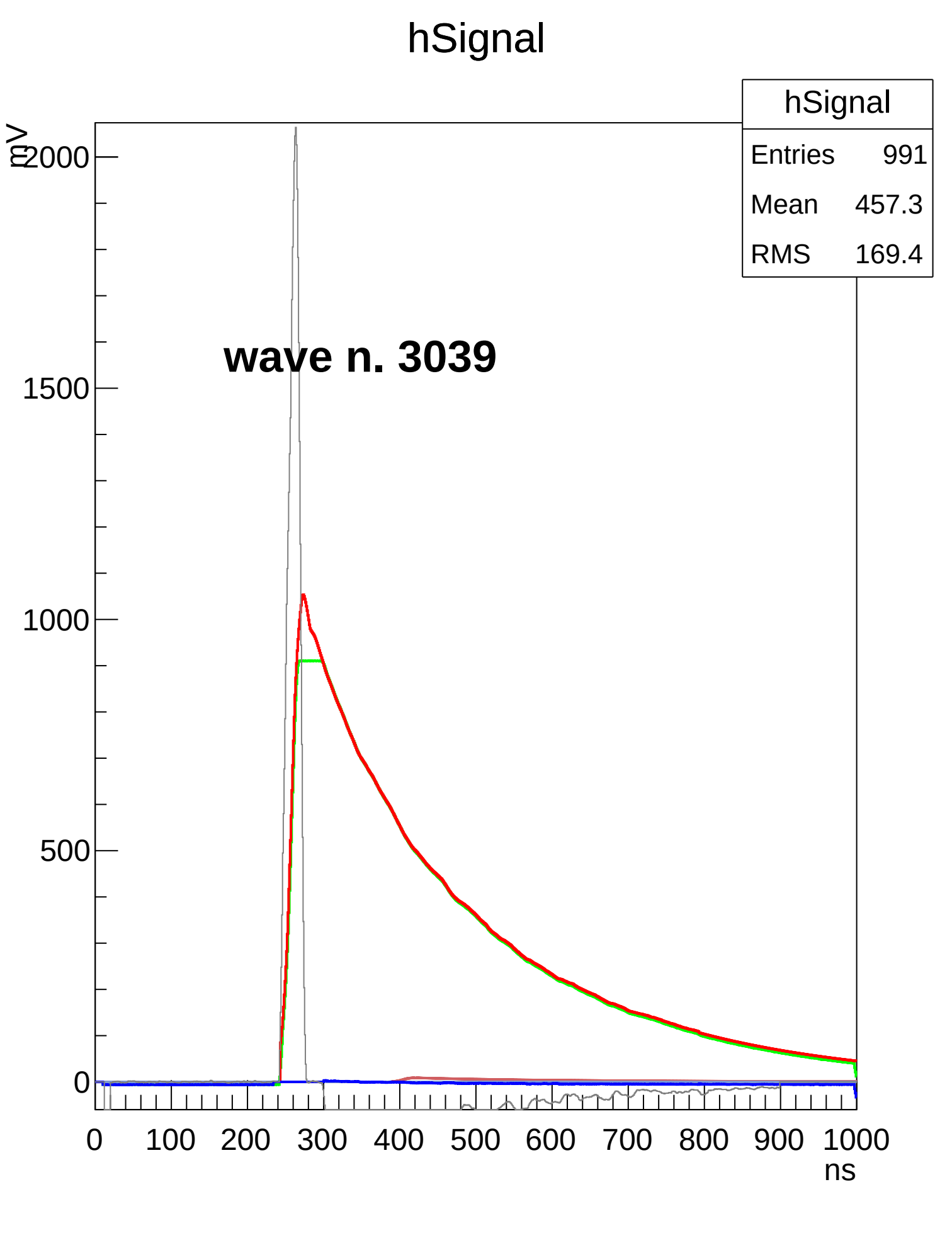

hSignal
hSignal
Entries 991
Mean 536.8
RMS 155.8
wave n. 3034
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

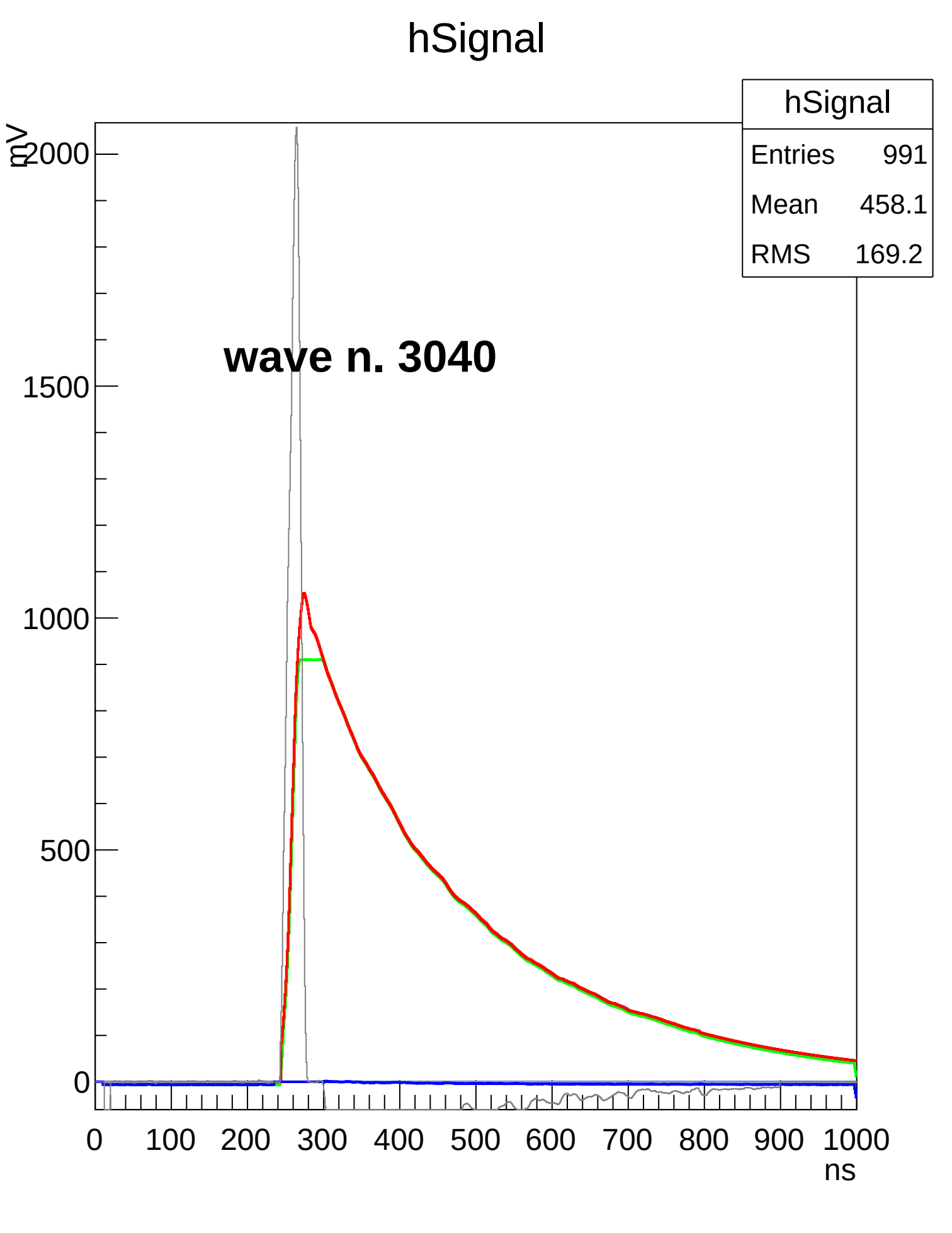

hSignal
hSignal
Entries 991
Mean 476.6
RMS 166.5
wave n. 3035
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

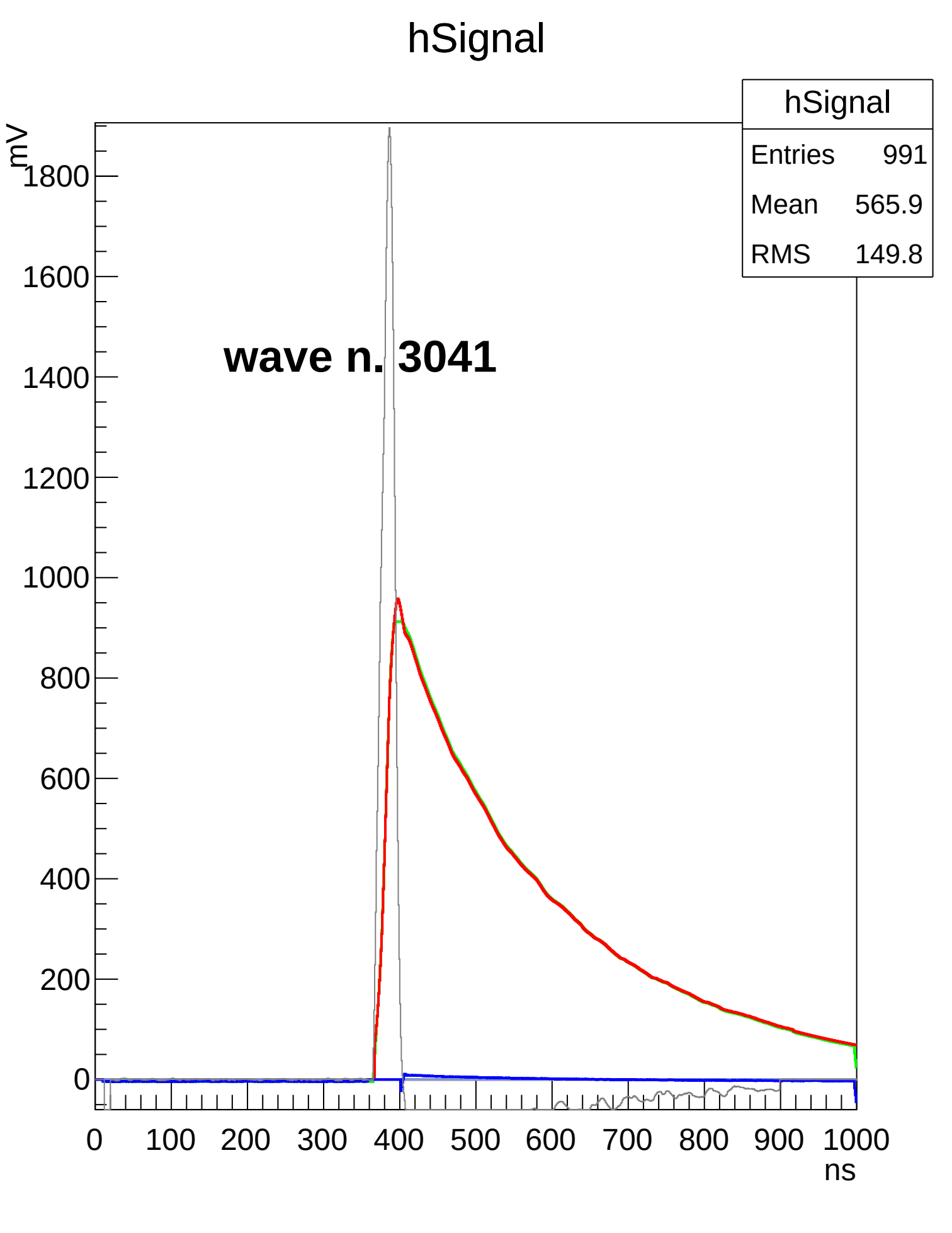

hSignal
hSignal
Entries 991
Mean 487.7
RMS 182.5
wave n. 3036
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

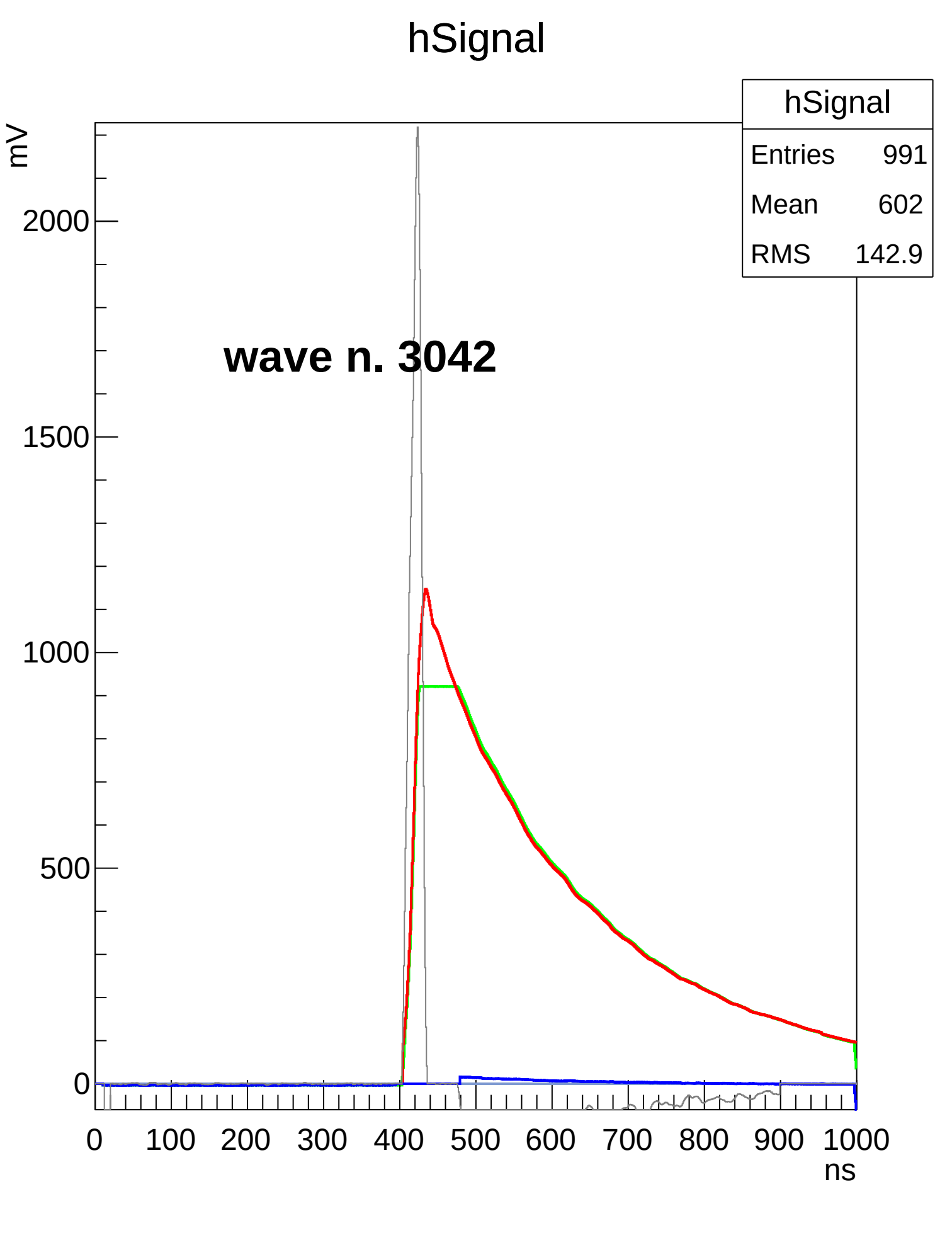

hSignal
hSignal
Entries 991
Mean 480.6
RMS 175.9
wave n. 3037
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

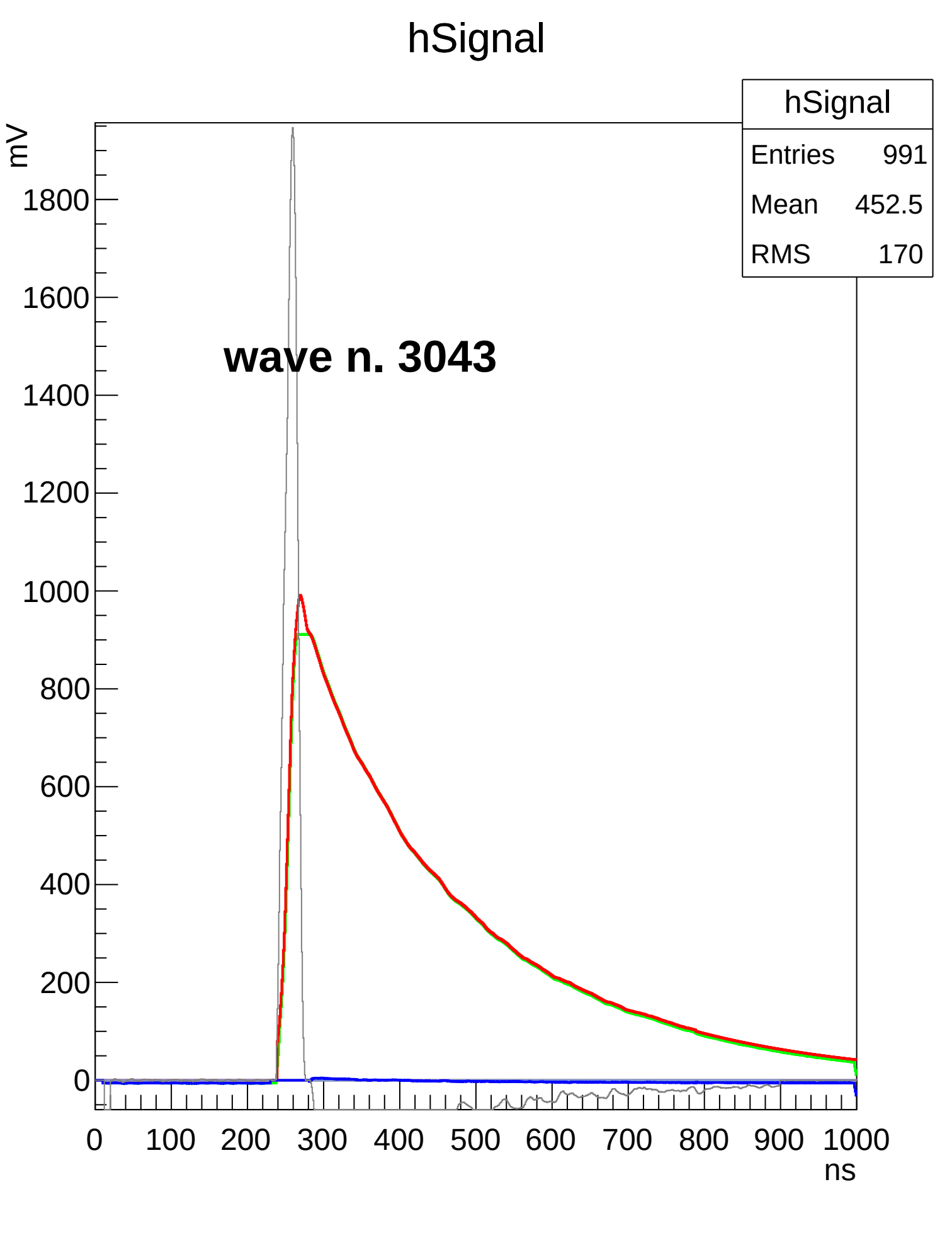

hSignal
hSignal
Entries 991
Mean 502.4
RMS 182.8
wave n. 3038
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

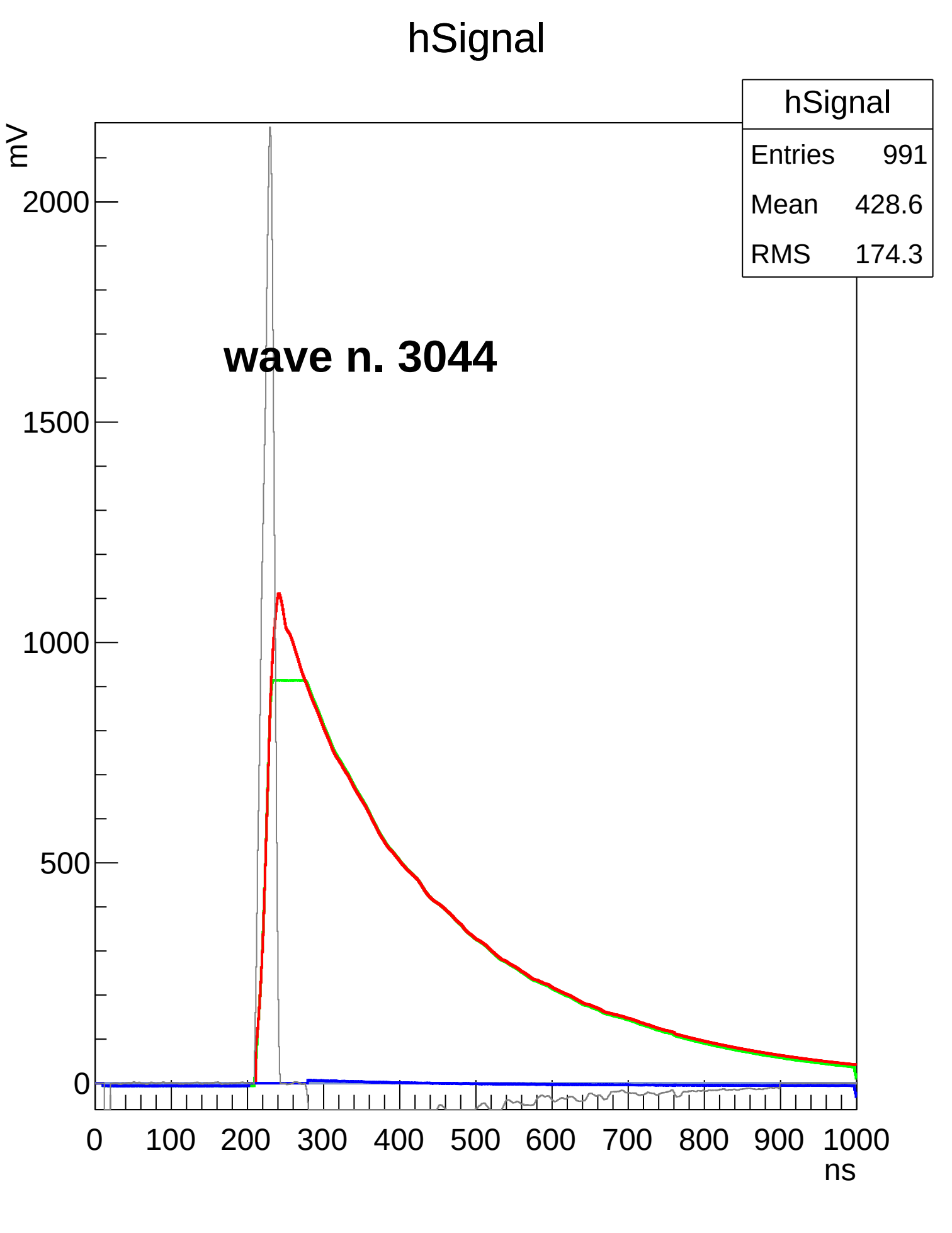

hSignal
hSignal
Entries 991
Mean 457.3
RMS 169.4
wave n. 3039
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 458.1
RMS 169.2
wave n. 3040
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.9
RMS 149.8
wave n. 3041
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 602
RMS 142.9
wave n. 3042
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 452.5
RMS 170
wave n. 3043
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 428.6
RMS 174.3
wave n. 3044
mV
2000
1500
1000
500
0
0
100
200
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400
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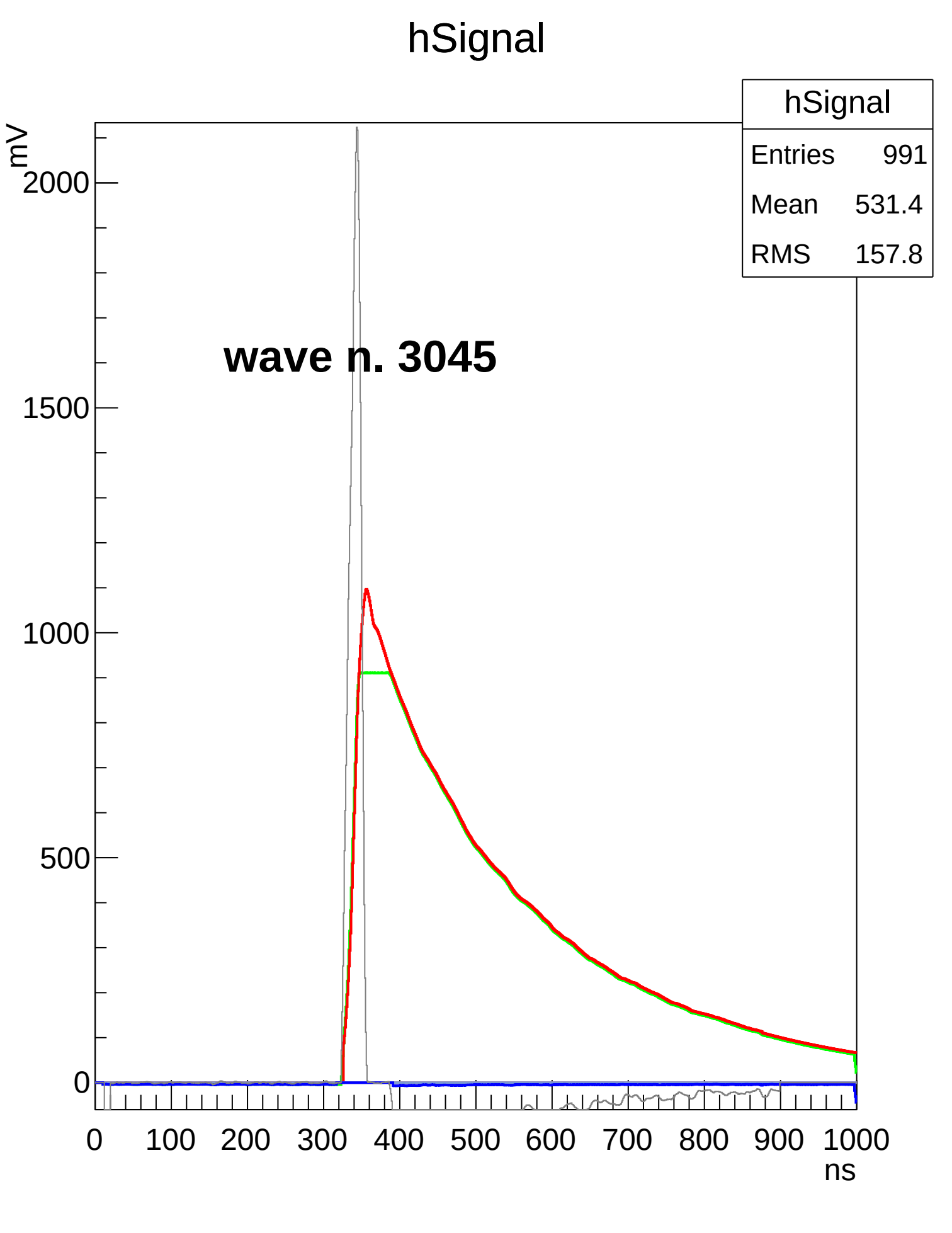
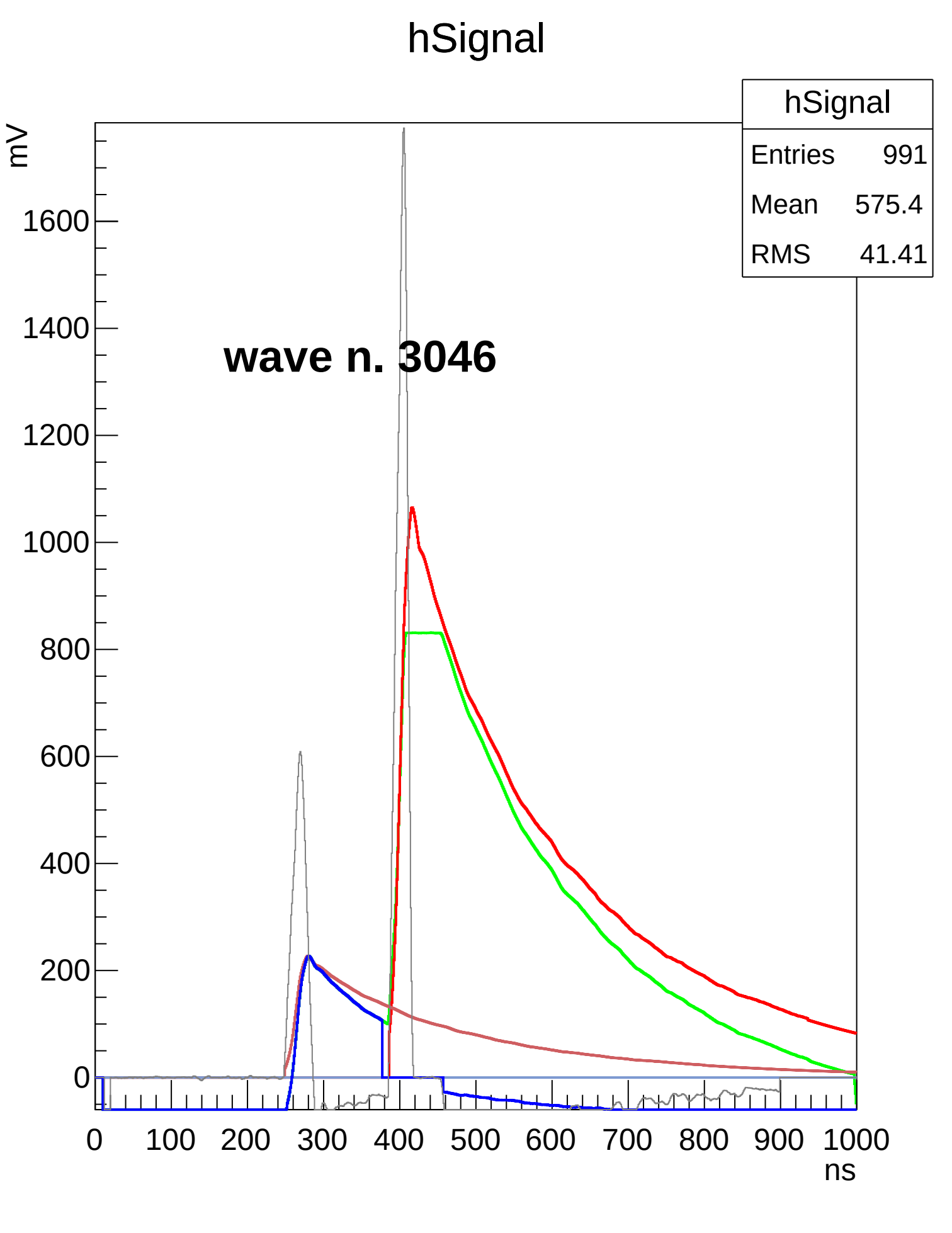
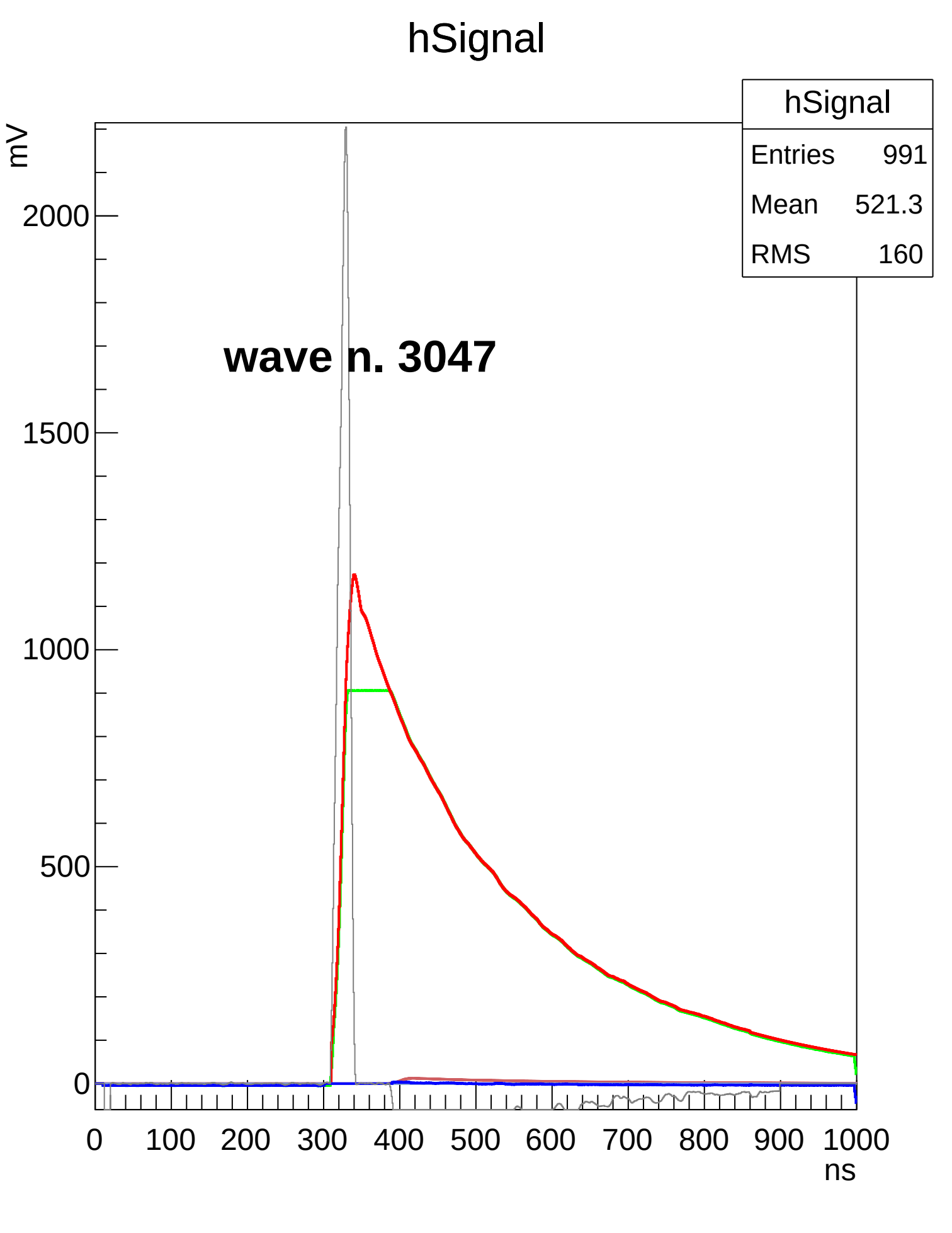
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 531.4
RMS 157.8
wave n. 3045
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 575.4
RMS 41.41
wave n. 3046
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 521.3
RMS 160
wave n. 3047
mV
2000
1500
1000
500
0
0
100
200
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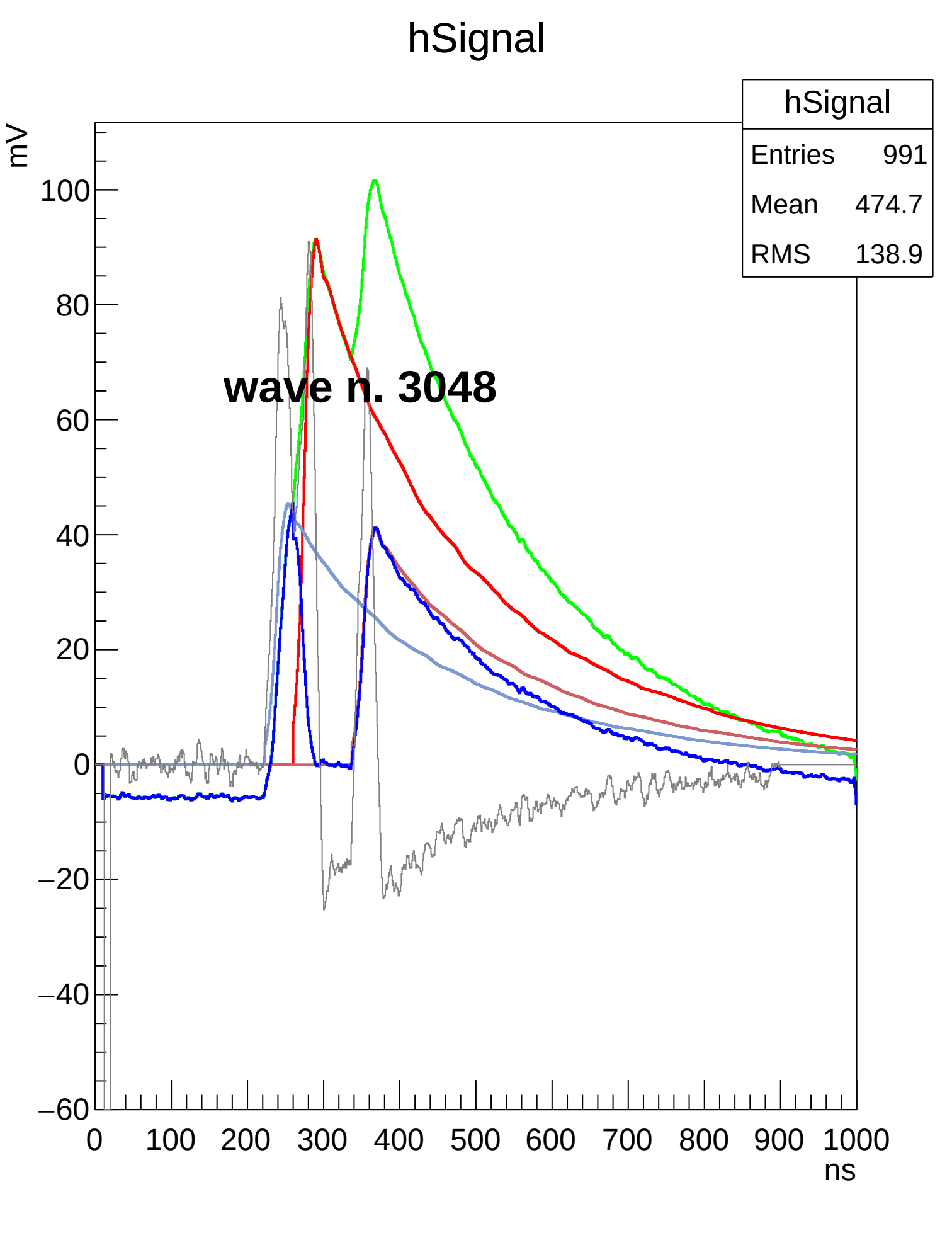
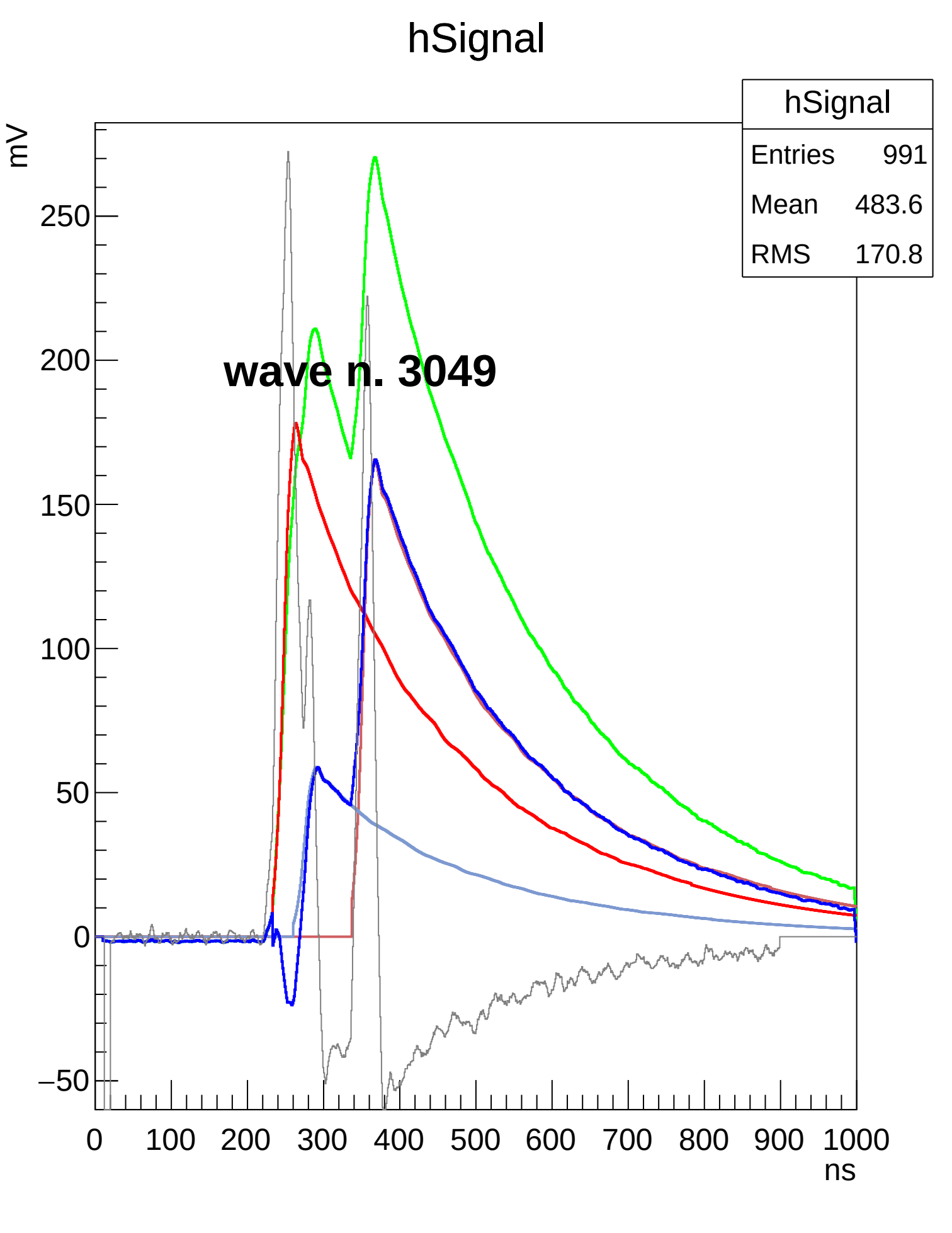
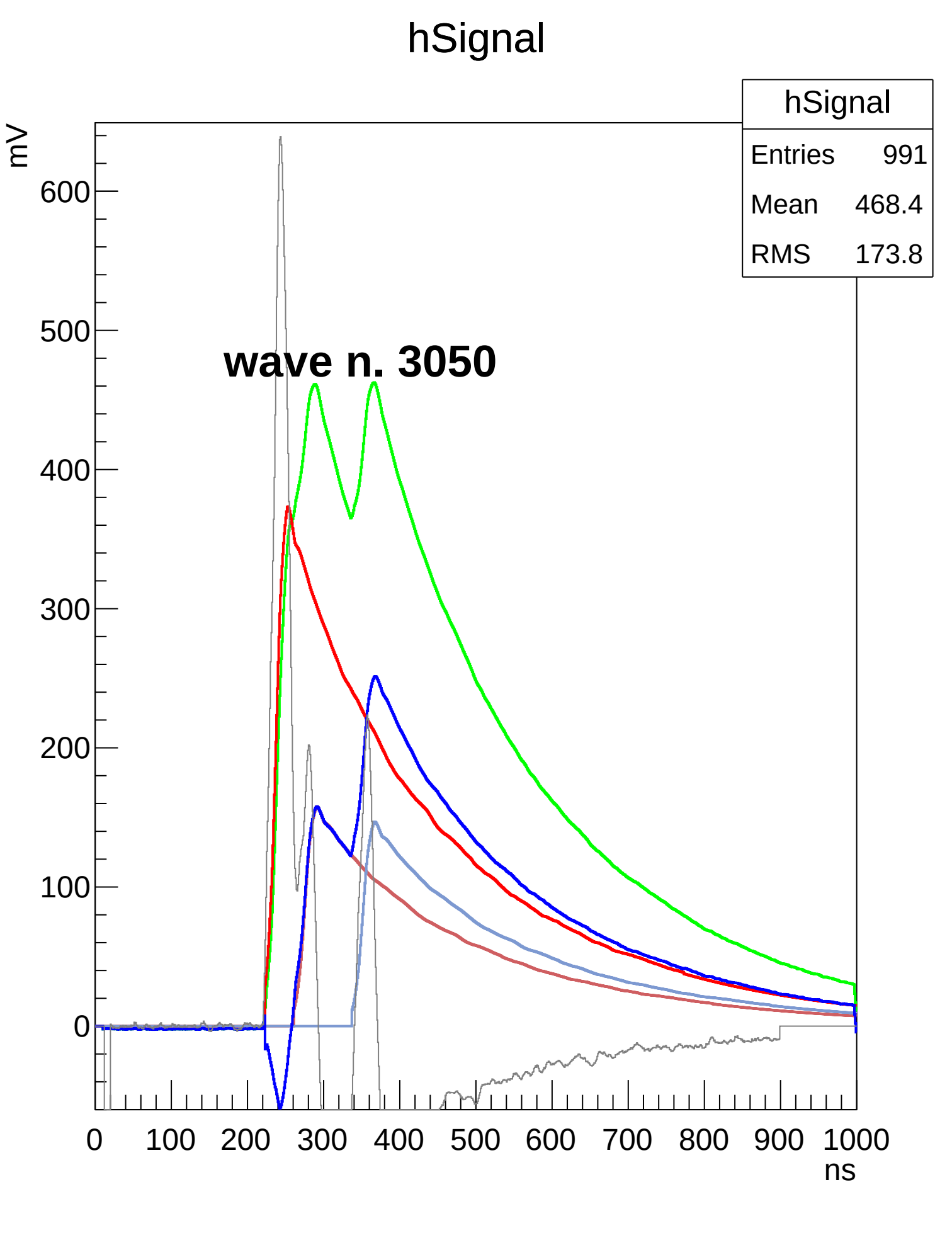
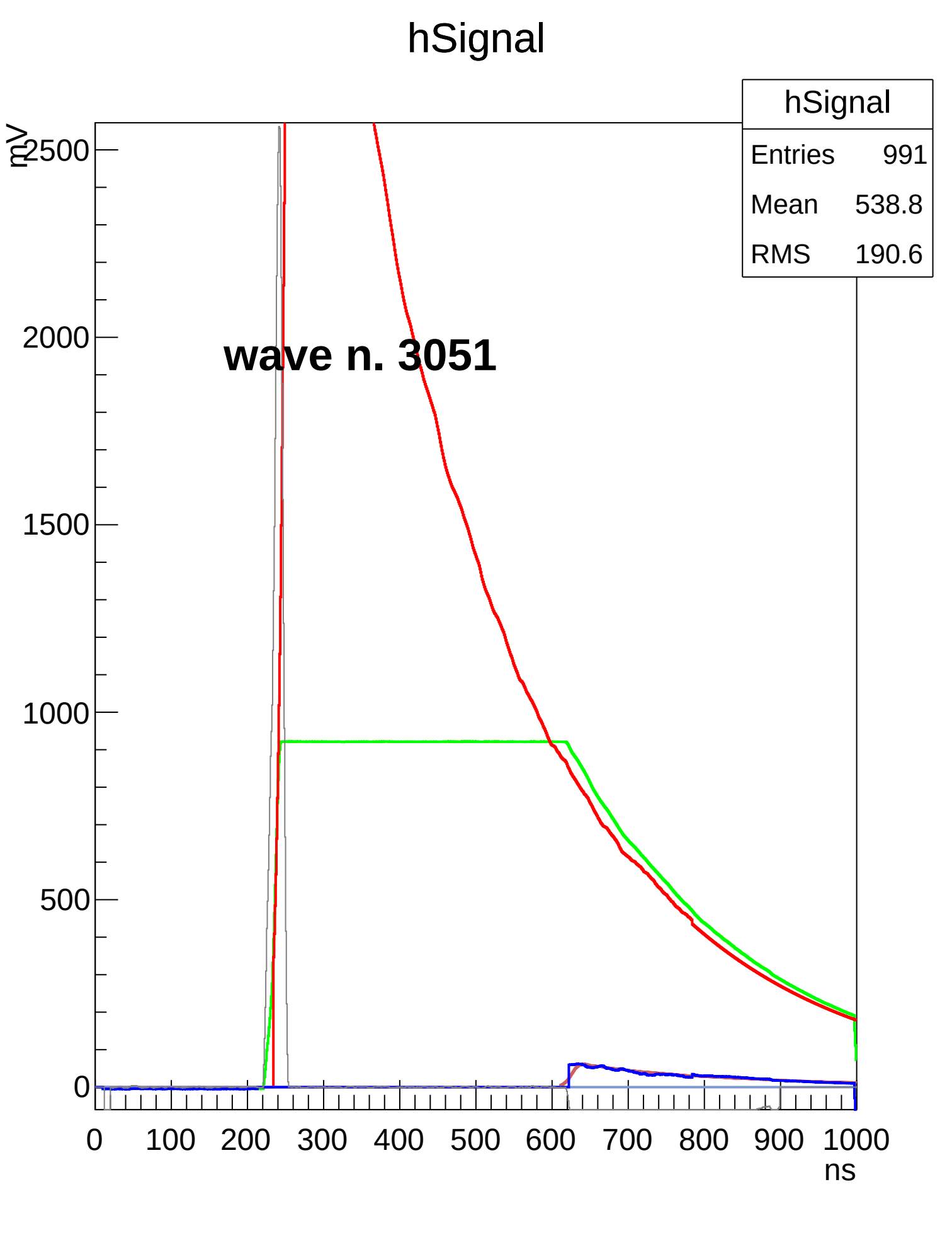
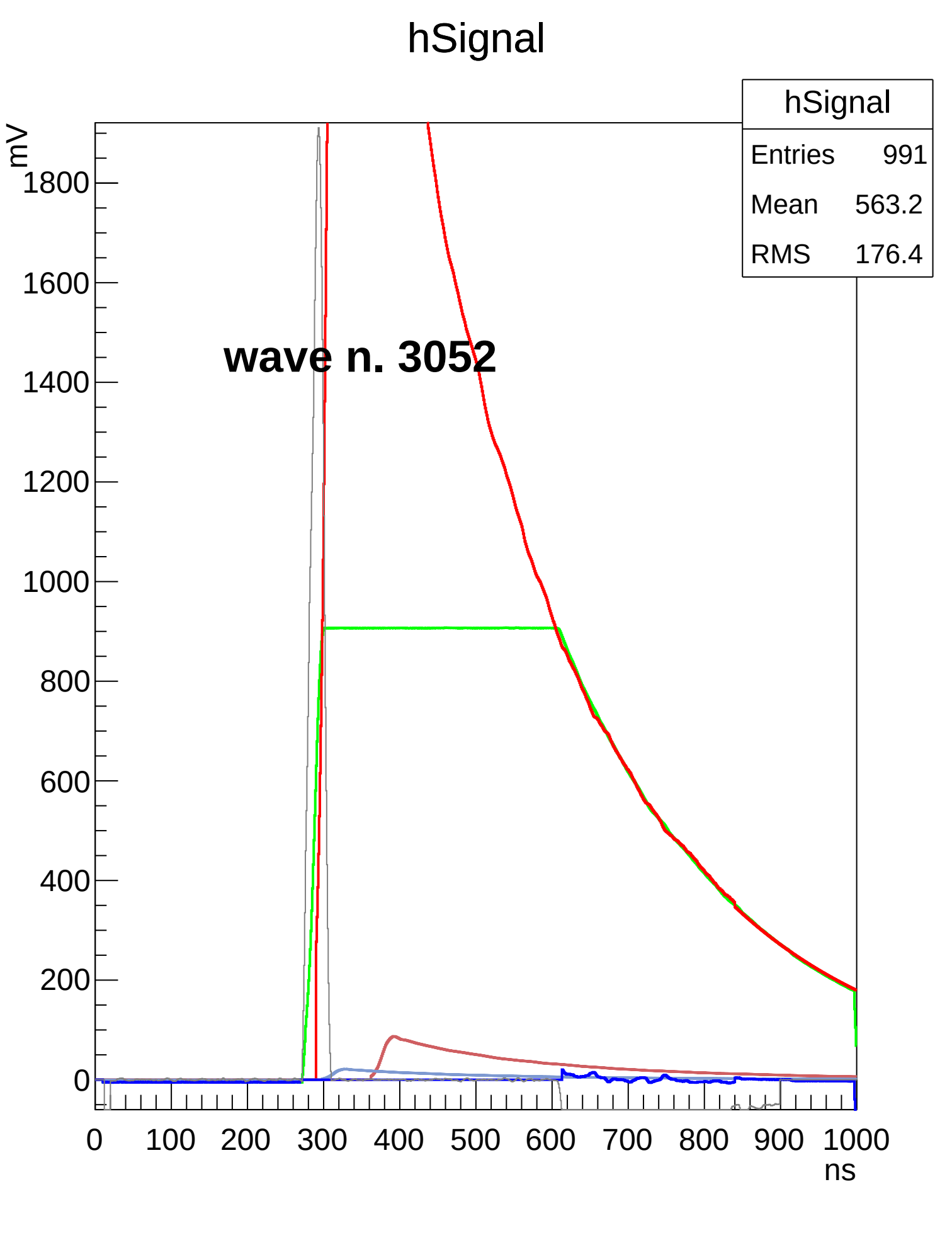
700
800
900
1000
ns

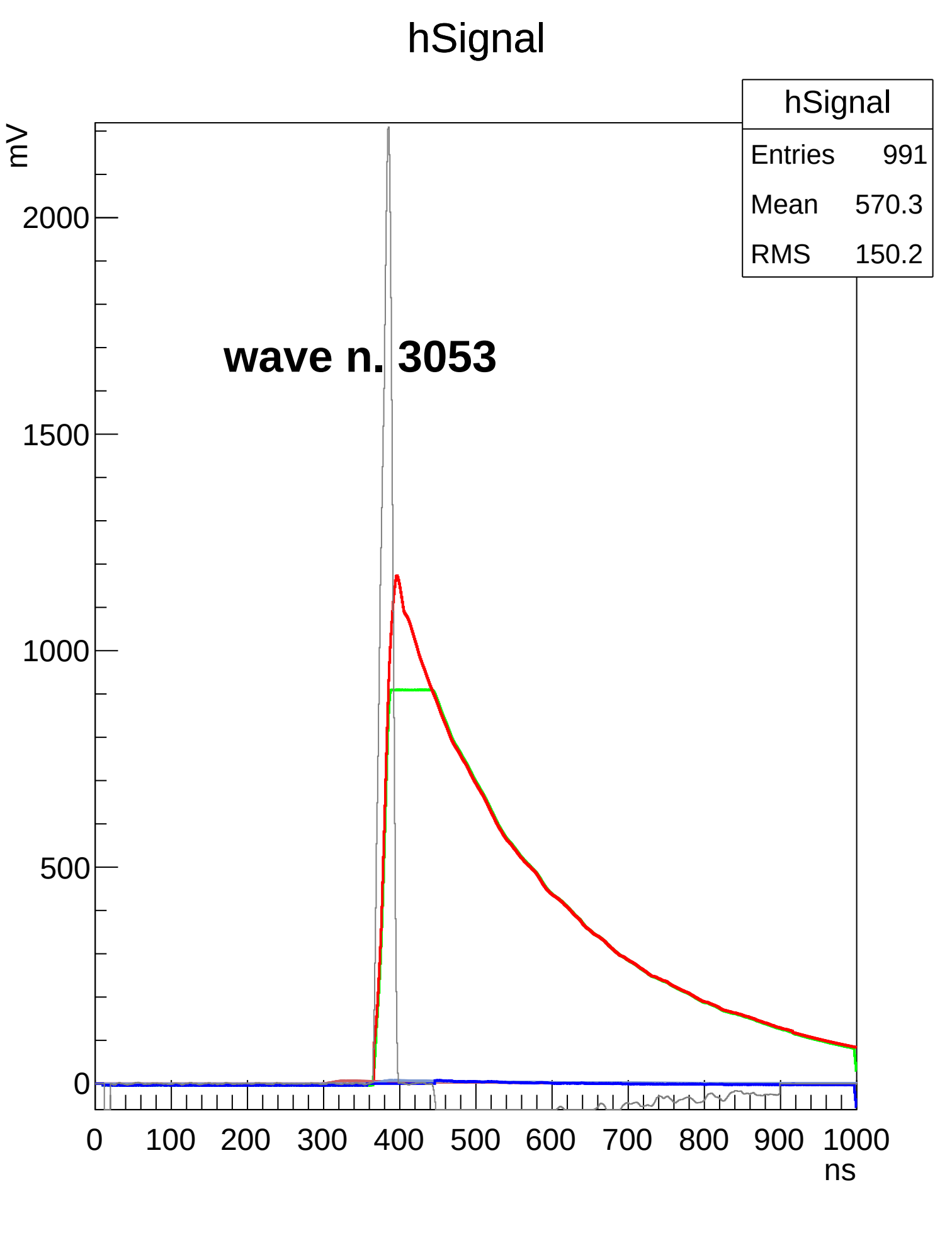

hSignal
hSignal
Entries 991
Mean 474.7
RMS 138.9
wave n. 3048
mV
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns

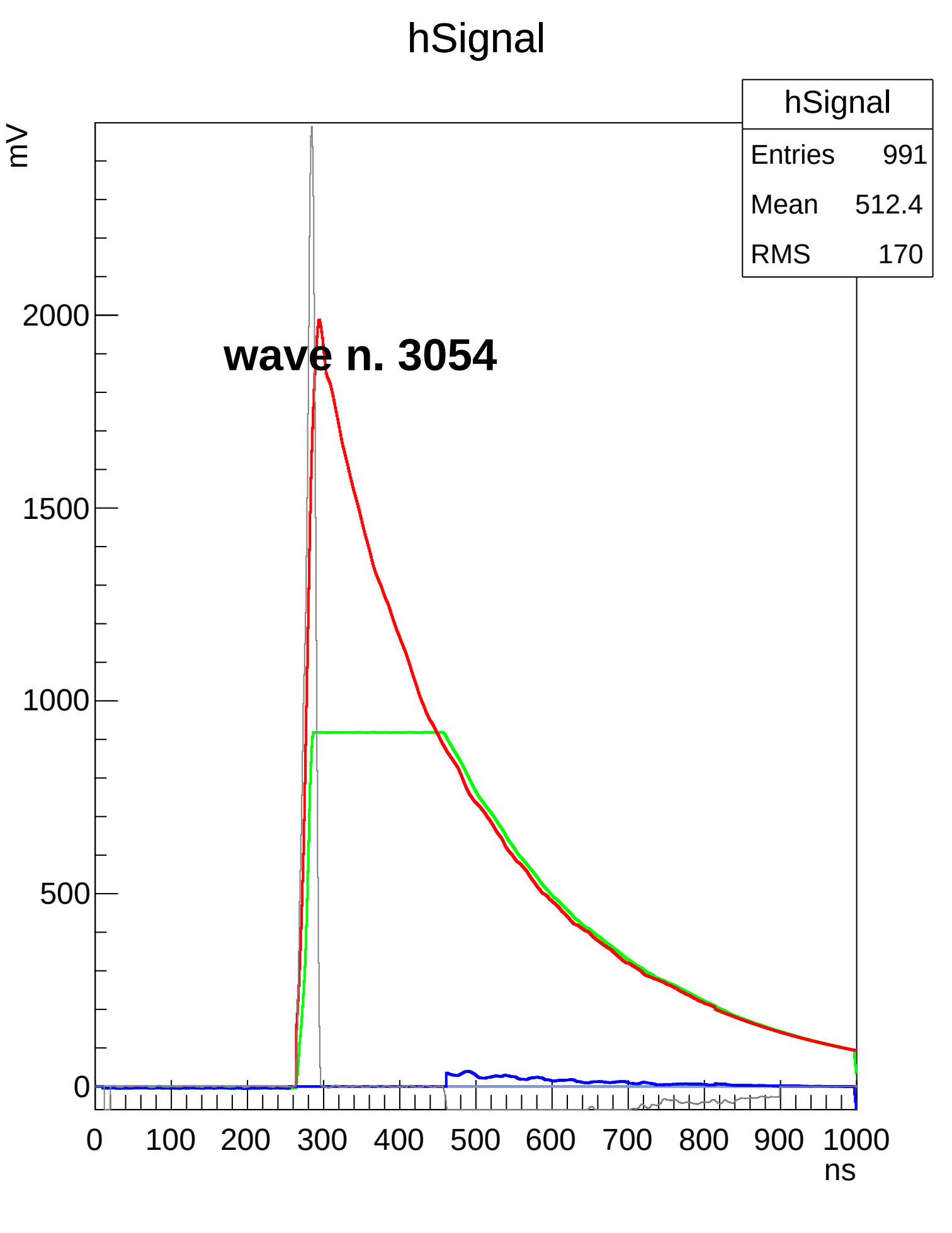

hSignal
hSignal
Entries 991
Mean 483.6
RMS 170.8
wave n. 3049
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

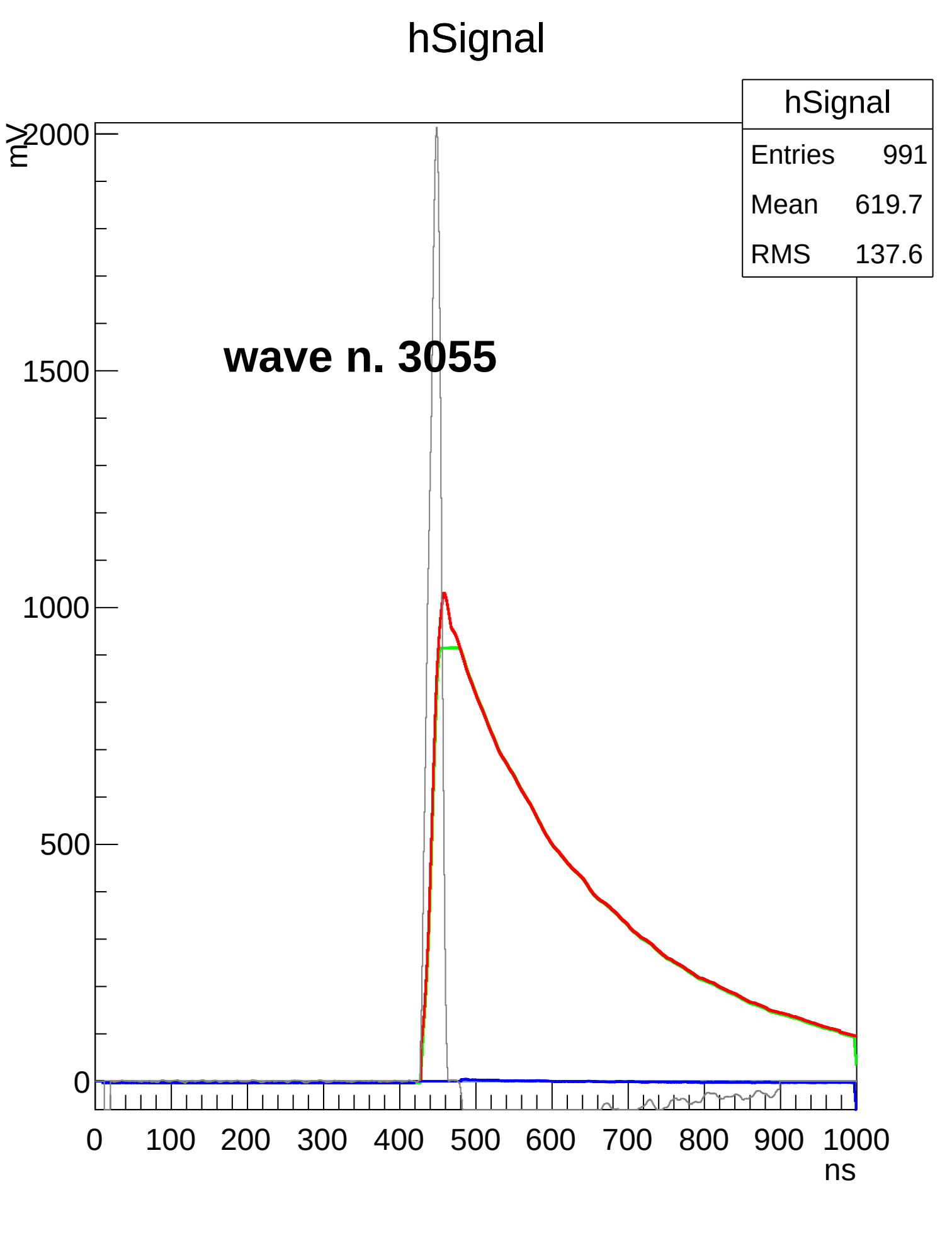

hSignal
hSignal
Entries 991
Mean 468.4
RMS 173.8
wave n. 3050
mV
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 538.8
RMS 190.6
wave n. 3051
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 563.2
RMS 176.4
wave n. 3052
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.3
RMS 150.2
wave n. 3053
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.4
RMS 170
wave n. 3054
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 619.7
RMS 137.6
wave n. 3055
mV
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1500
1000
500
0
0
100
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400
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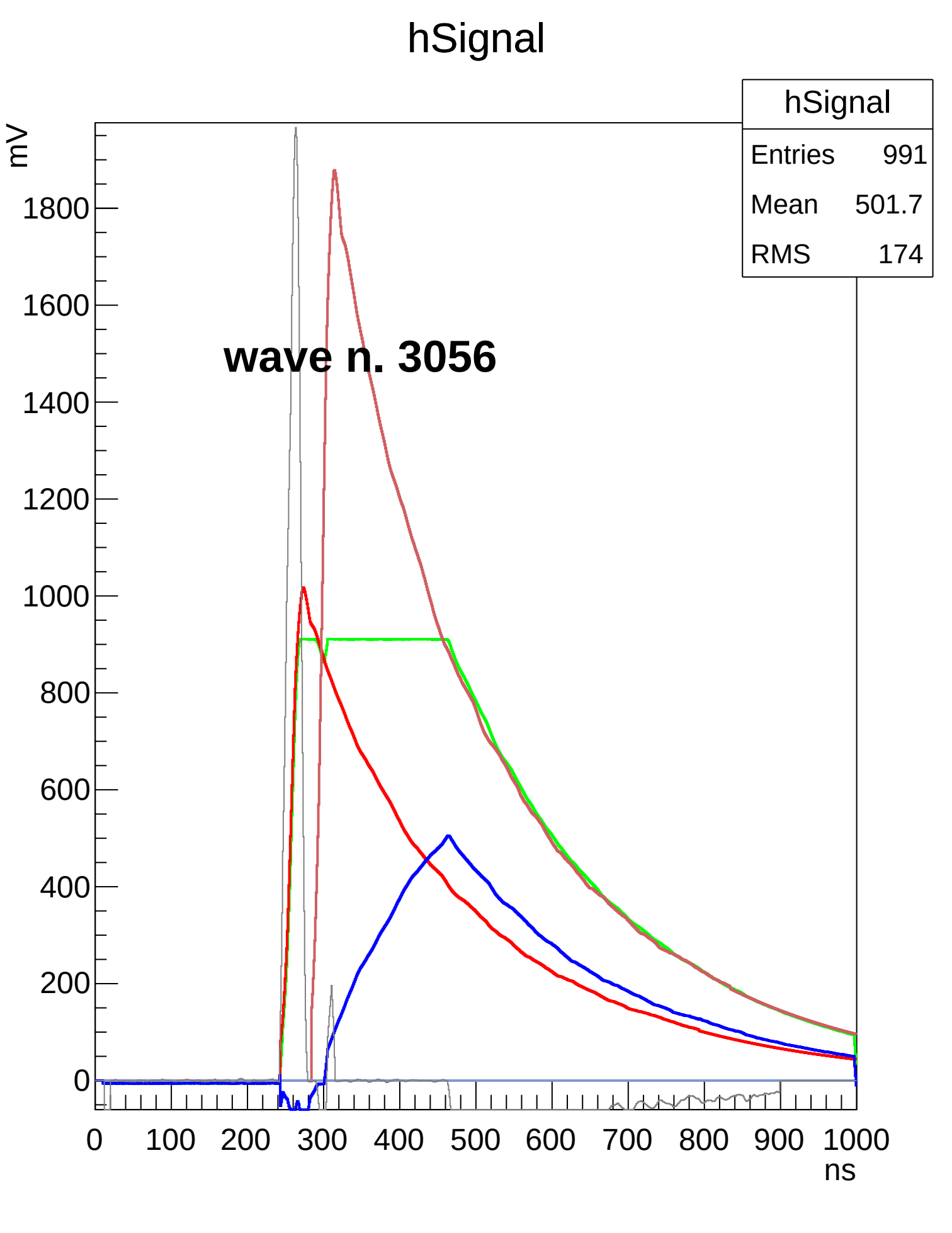
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 501.7
RMS 174
wave n. 3056
mV
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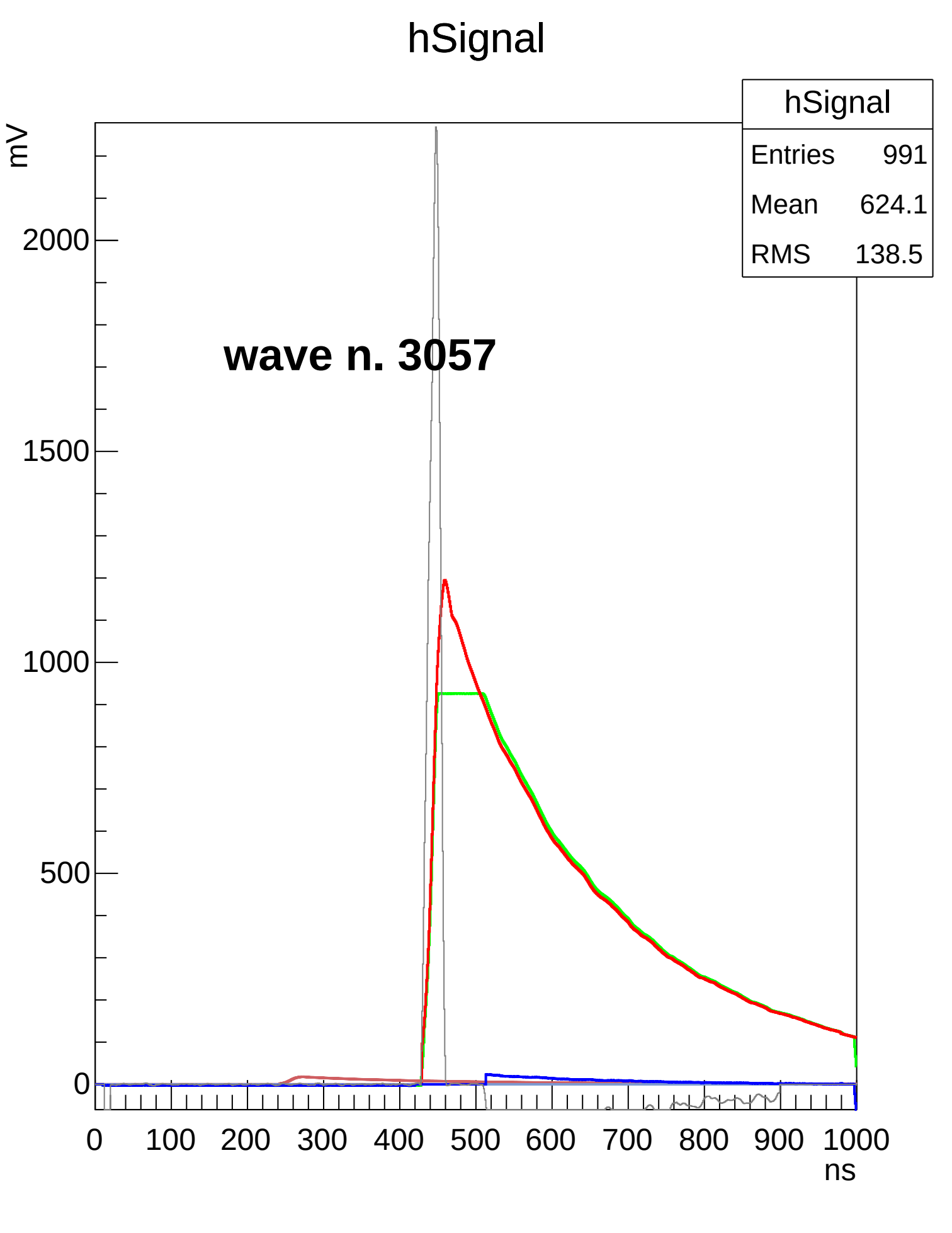
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 624.1
RMS 138.5
wave n. 3057
mV
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1500
1000
500
0
0
100
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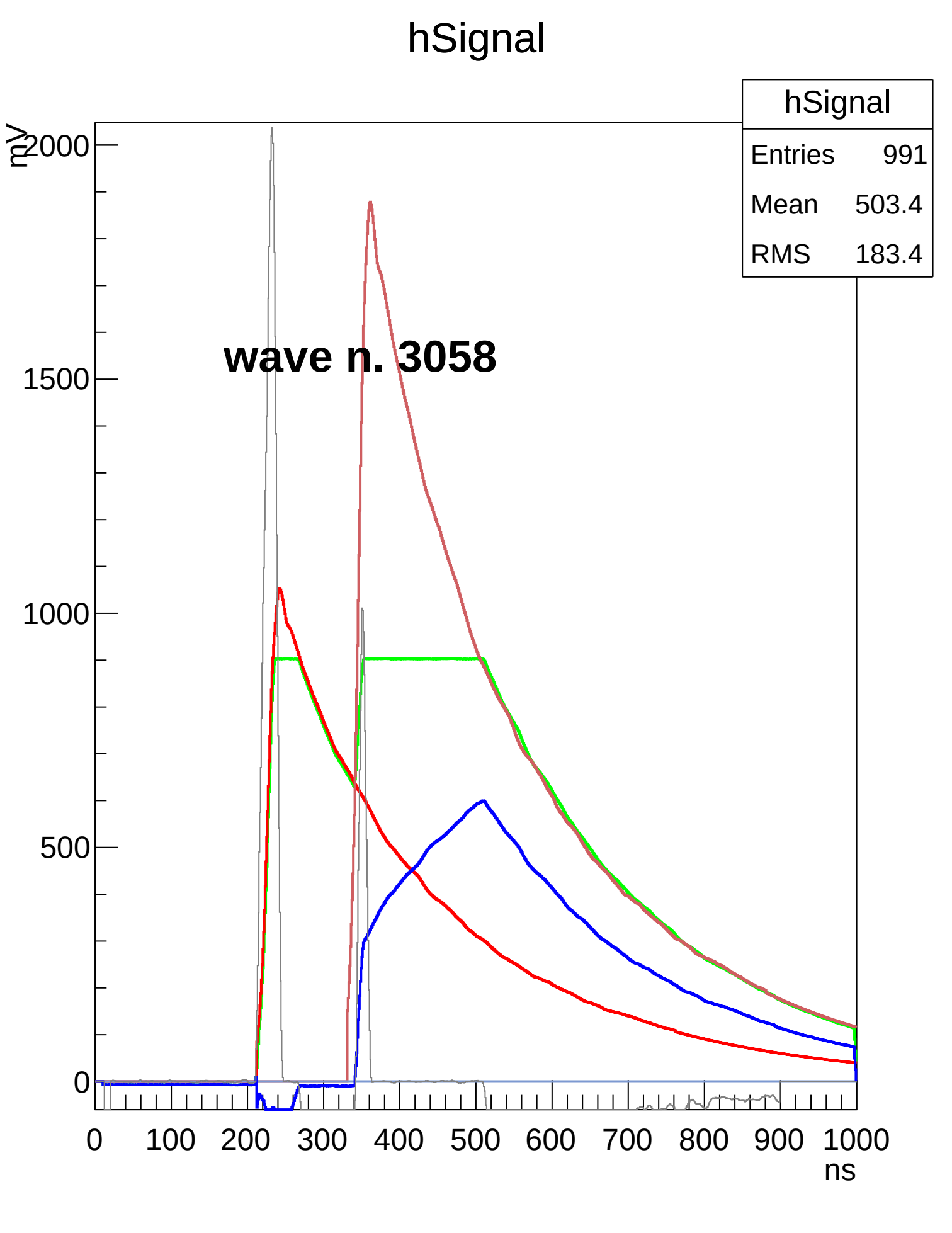
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.4
RMS 183.4
wave n. 3058
mV
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1500
1000
500
0
0
100
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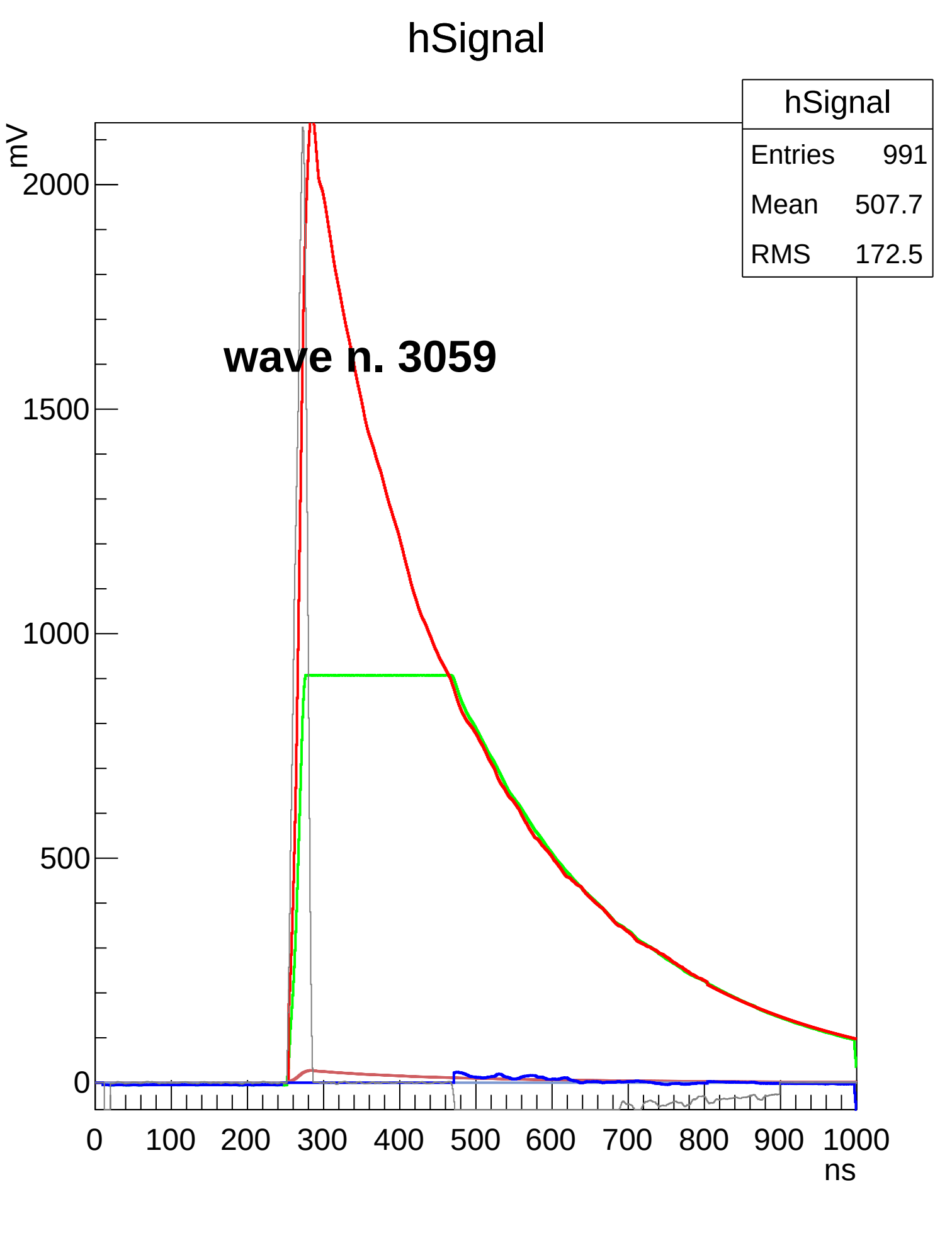
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507.7
RMS 172.5
wave n. 3059
mV
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1500
1000
500
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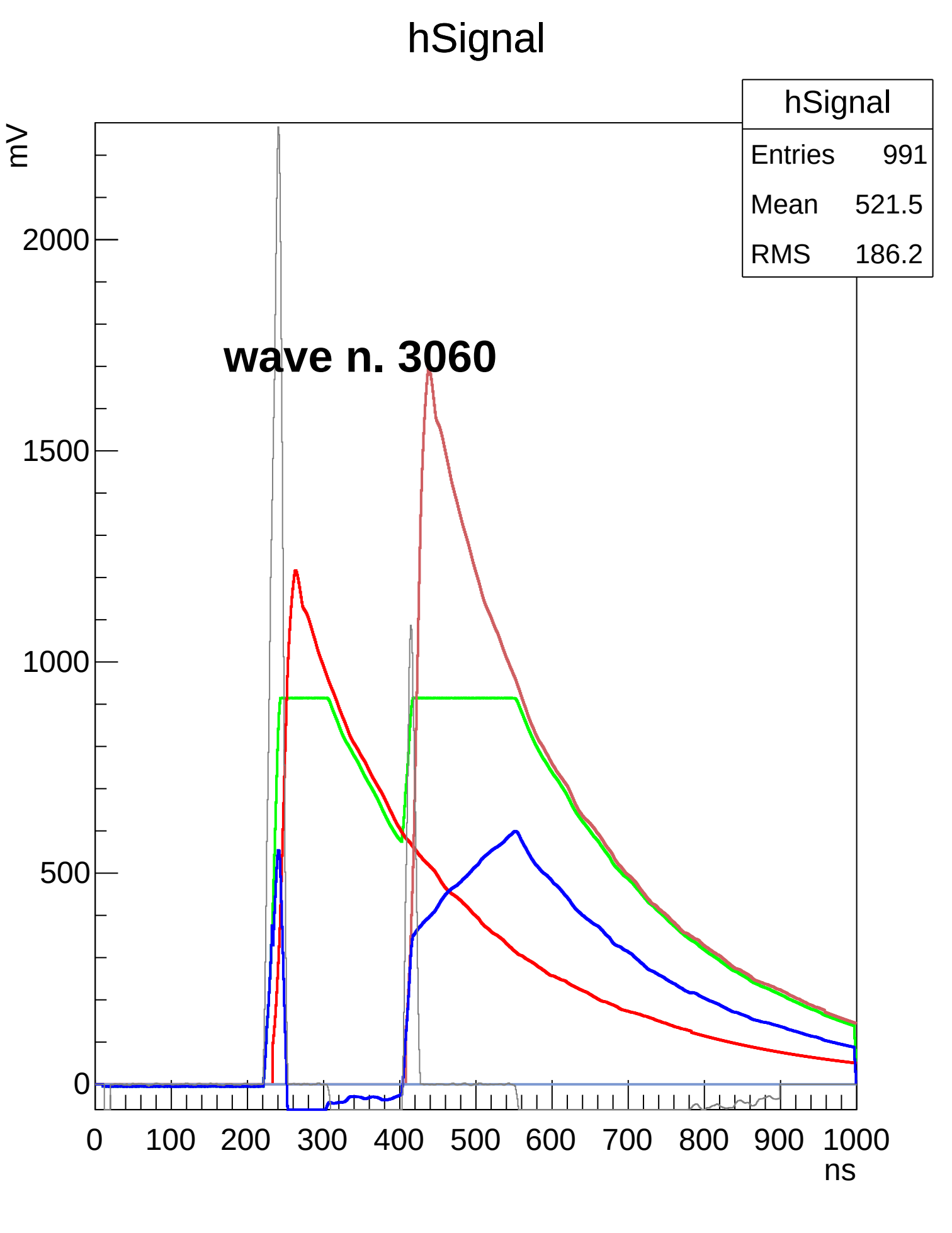
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521.5
RMS 186.2
wave n. 3060
mV
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1500
1000
500
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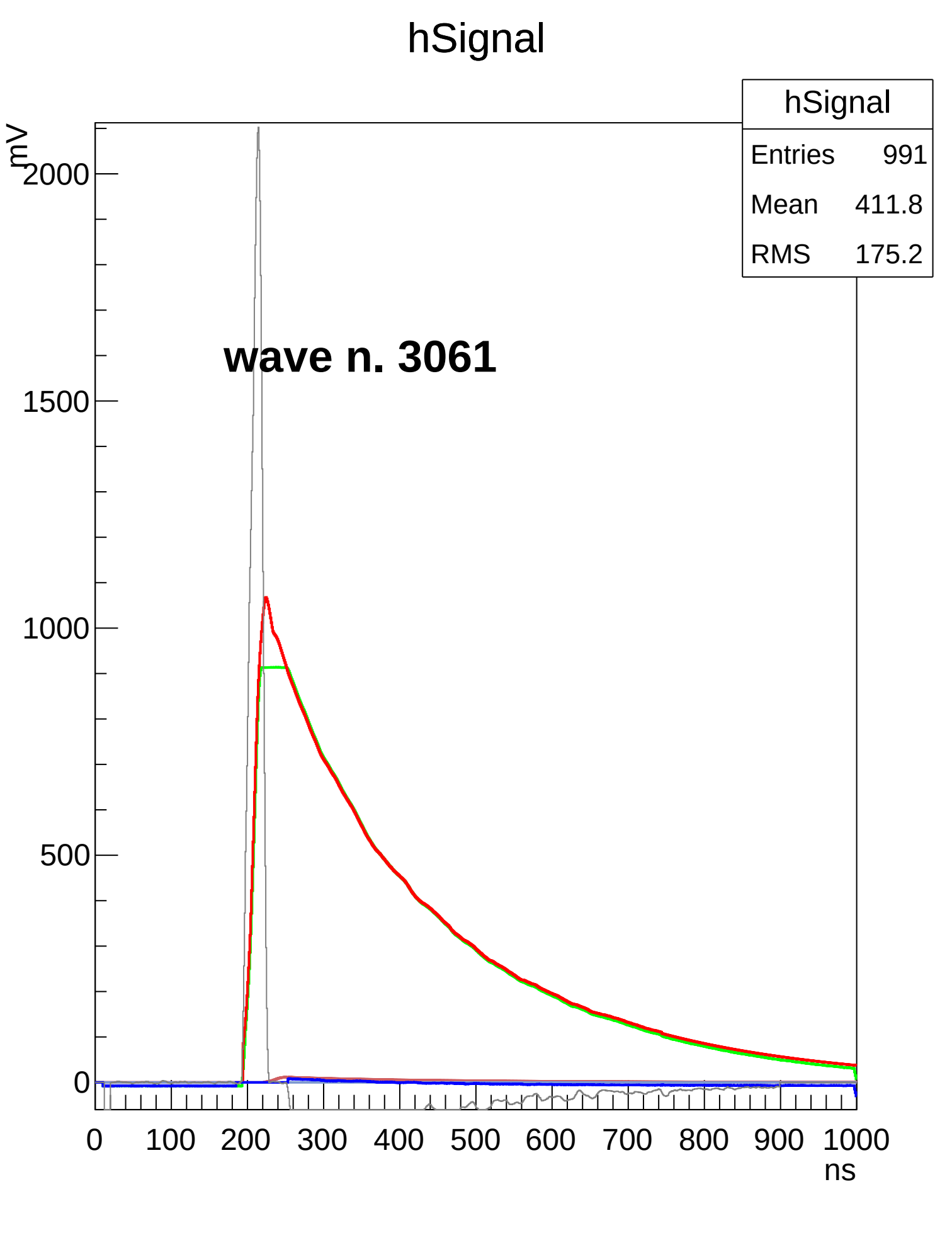
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 411.8
RMS 175.2
wave n. 3061
mV
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1500
1000
500
0
0
100
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400
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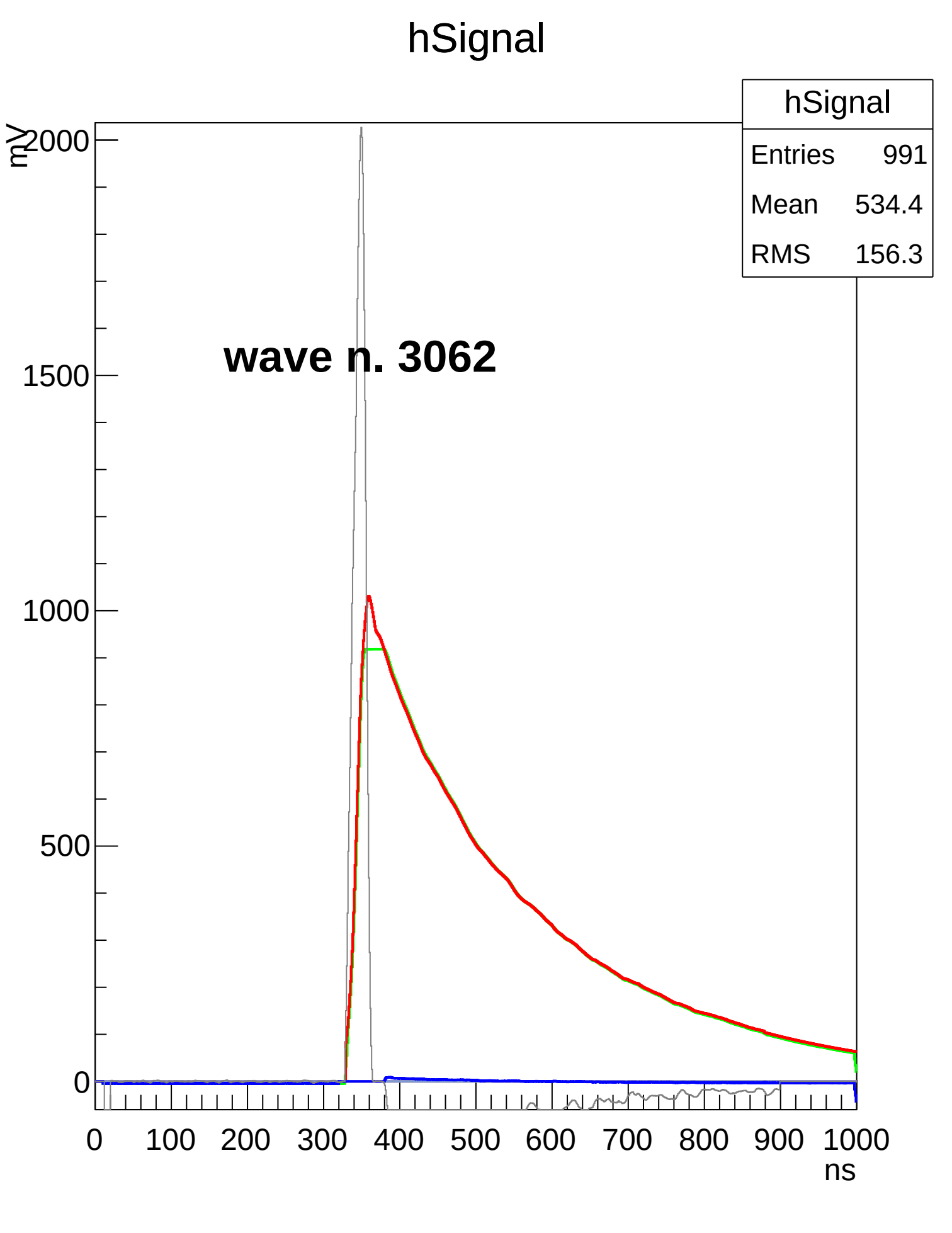
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.4
RMS 156.3
wave n. 3062
mV
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1500
1000
500
0
0
100
200
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400
500
600
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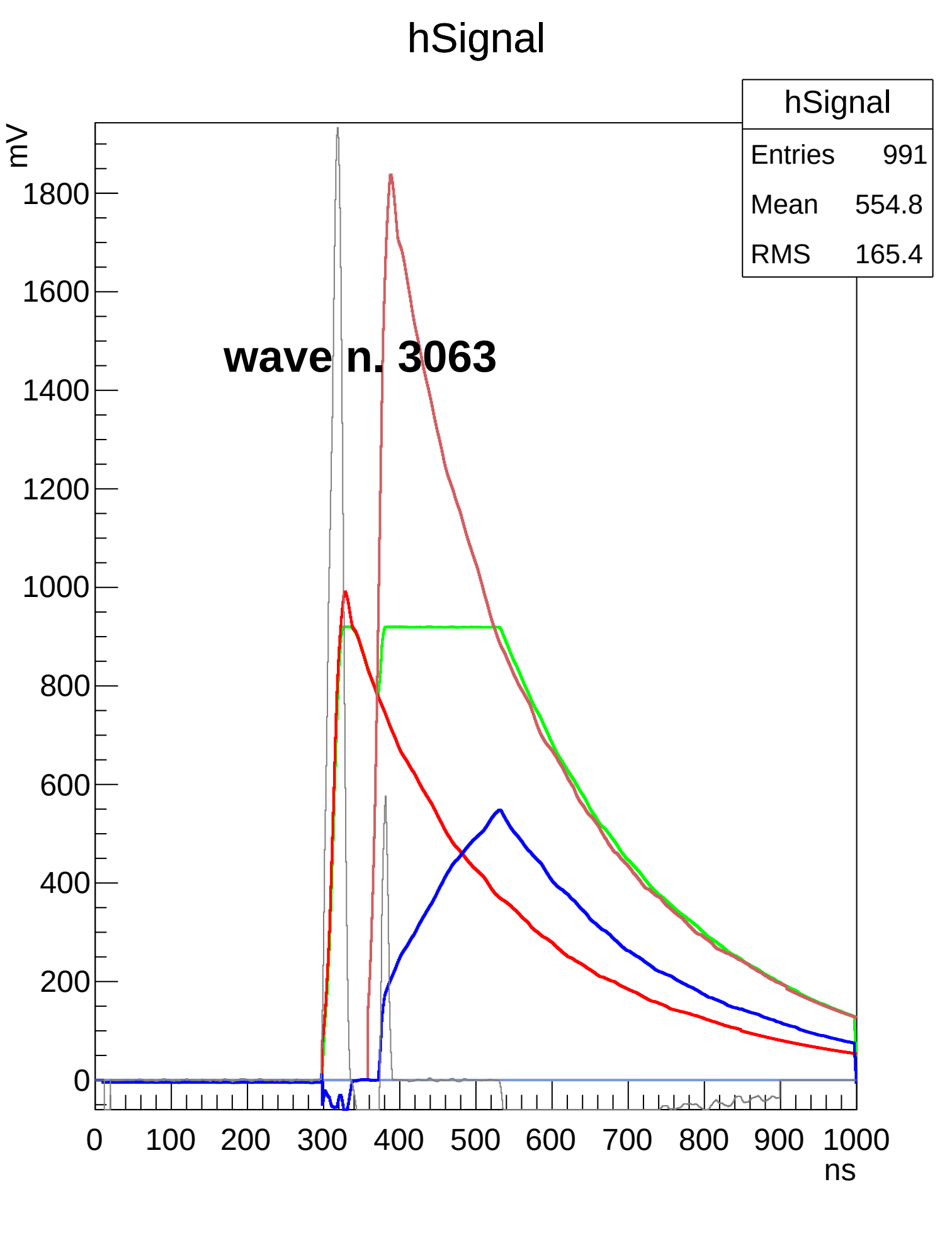
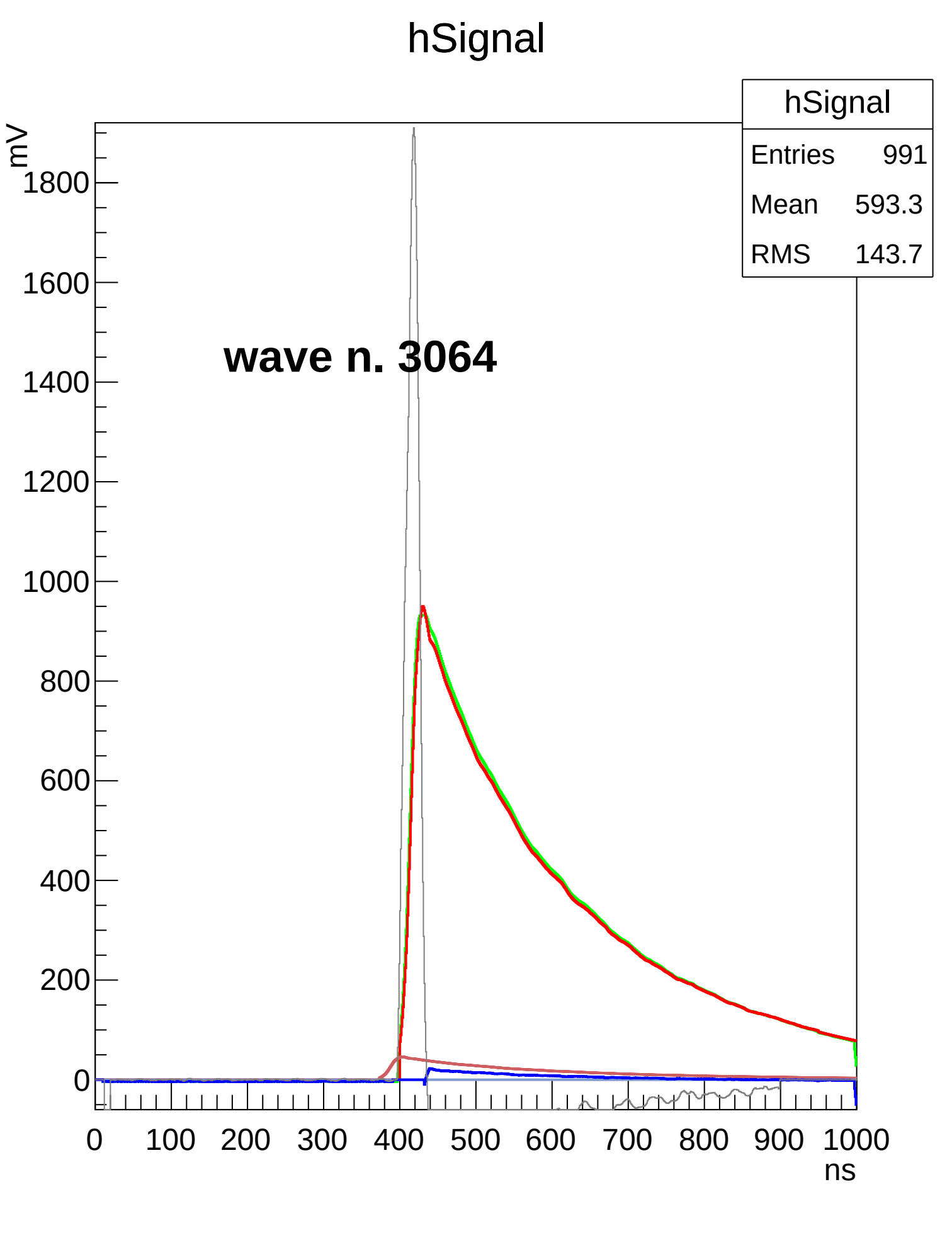
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 554.8
RMS 165.4
wave n. 3063
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 593.3
RMS 143.7
wave n. 3064
mV
1800
1600
1400
1200
1000
800
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400
200
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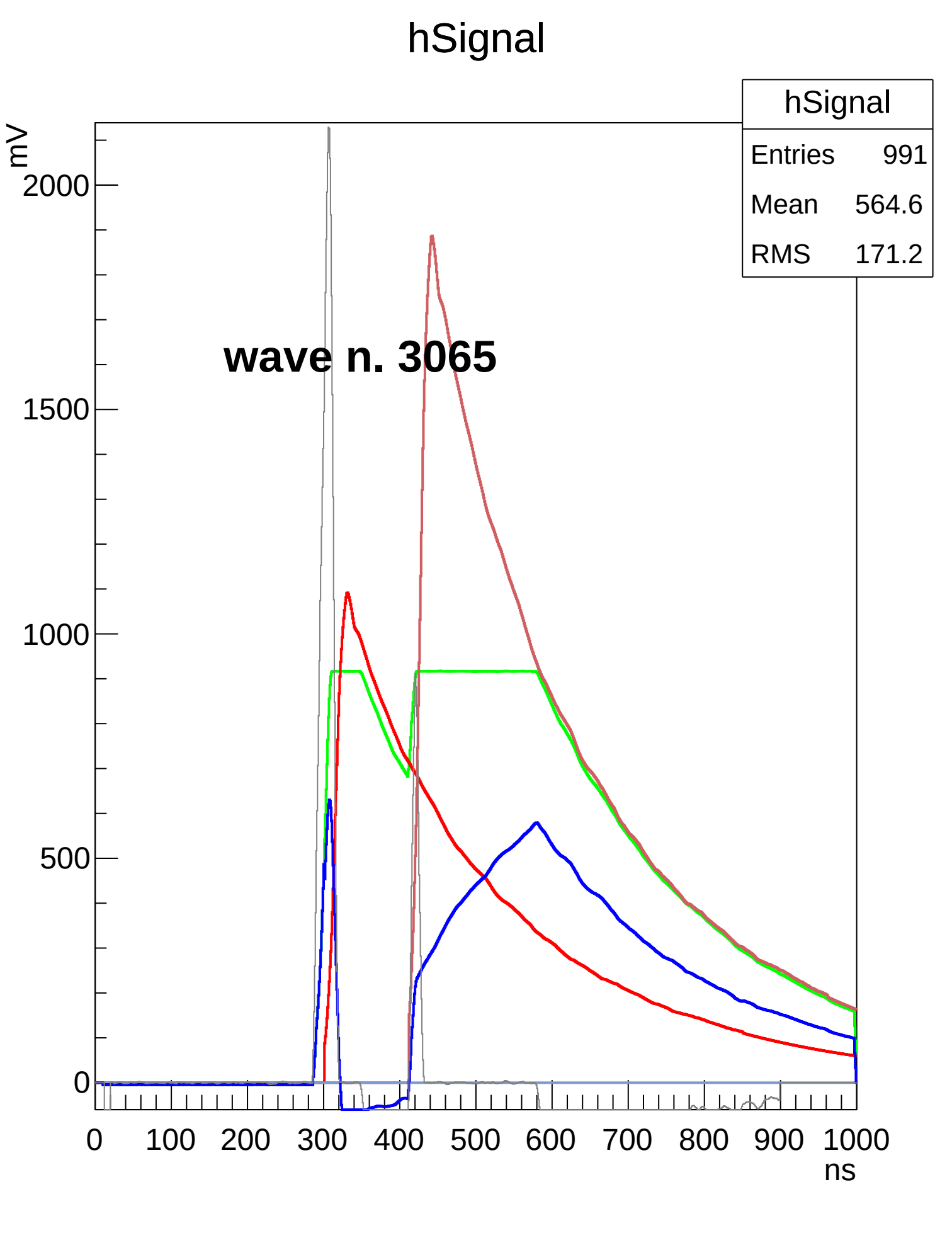
ns


hSignal
hSignal
Entries 991
Mean 564.6
RMS 171.2
wave n. 3065
mV
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1500
1000
500
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0
100
200
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400
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800
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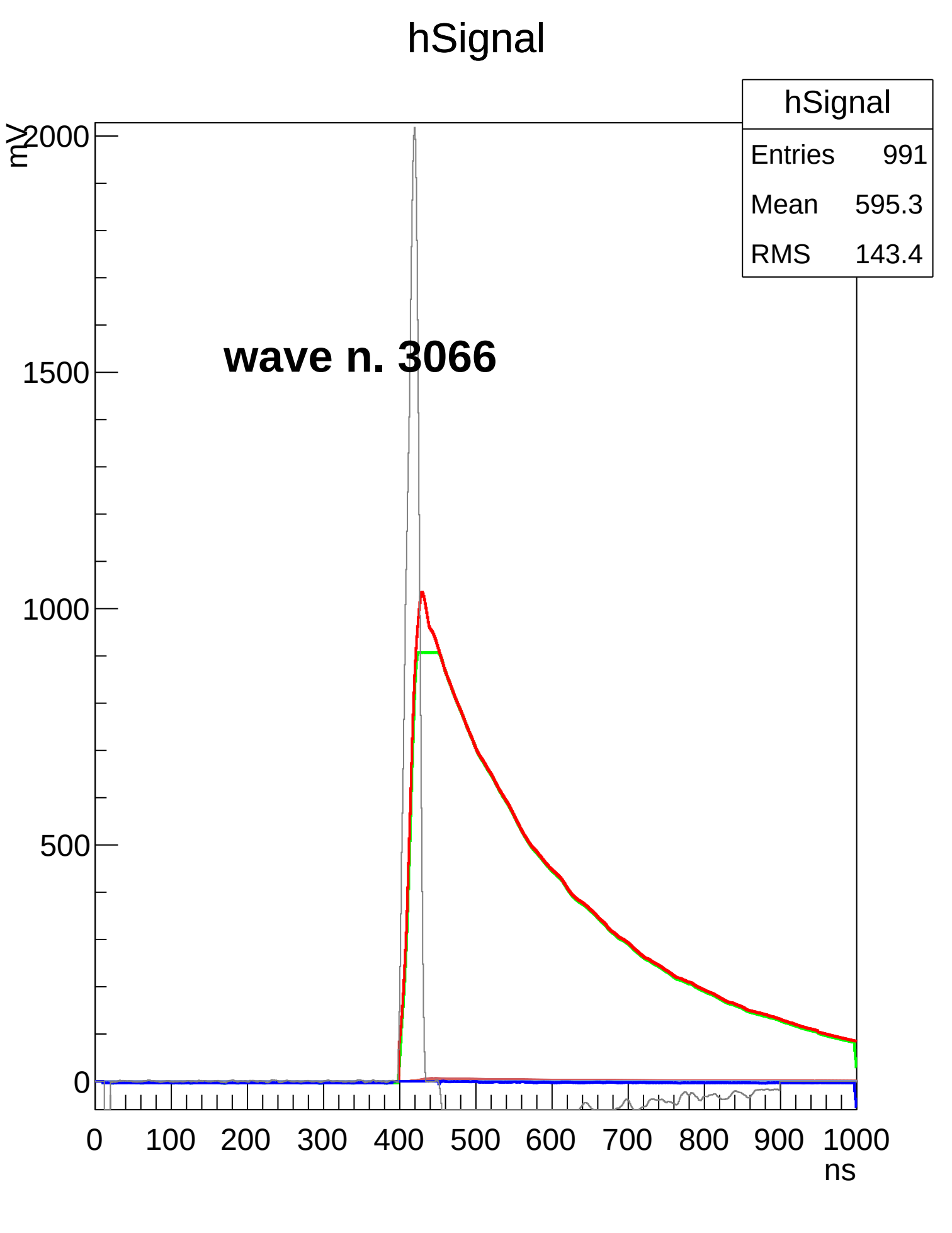
1000
ns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hSignal
Entries 991
Mean 595.3
RMS 143.4
wave n. 3066
mV
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1500
1000
500
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0
100
200
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400
500
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800
900
1000
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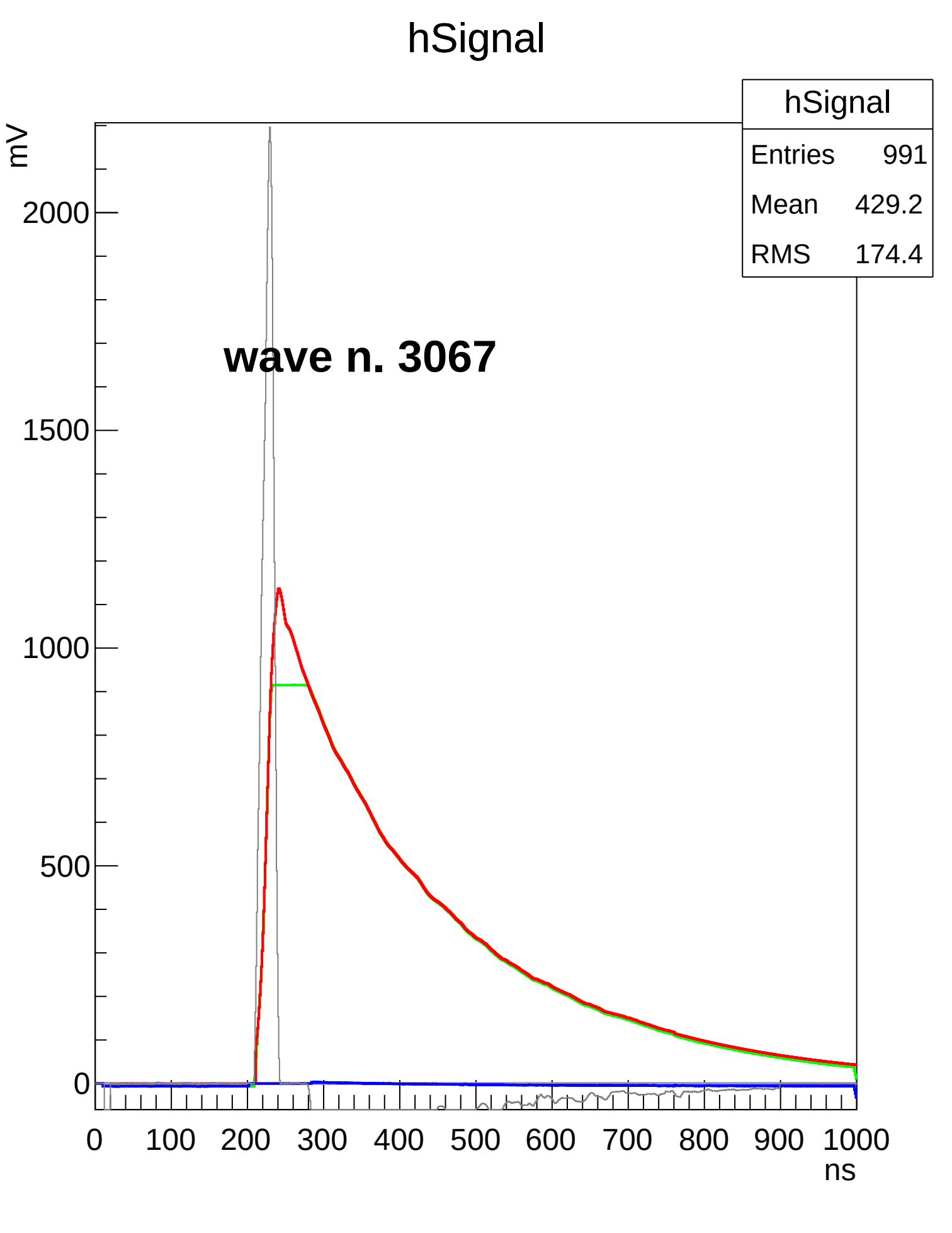
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hSignal
Entries 991
Mean 429.2
RMS 174.4
wave n. 3067
mV
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1000
500
0
0
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400
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800
900
1000
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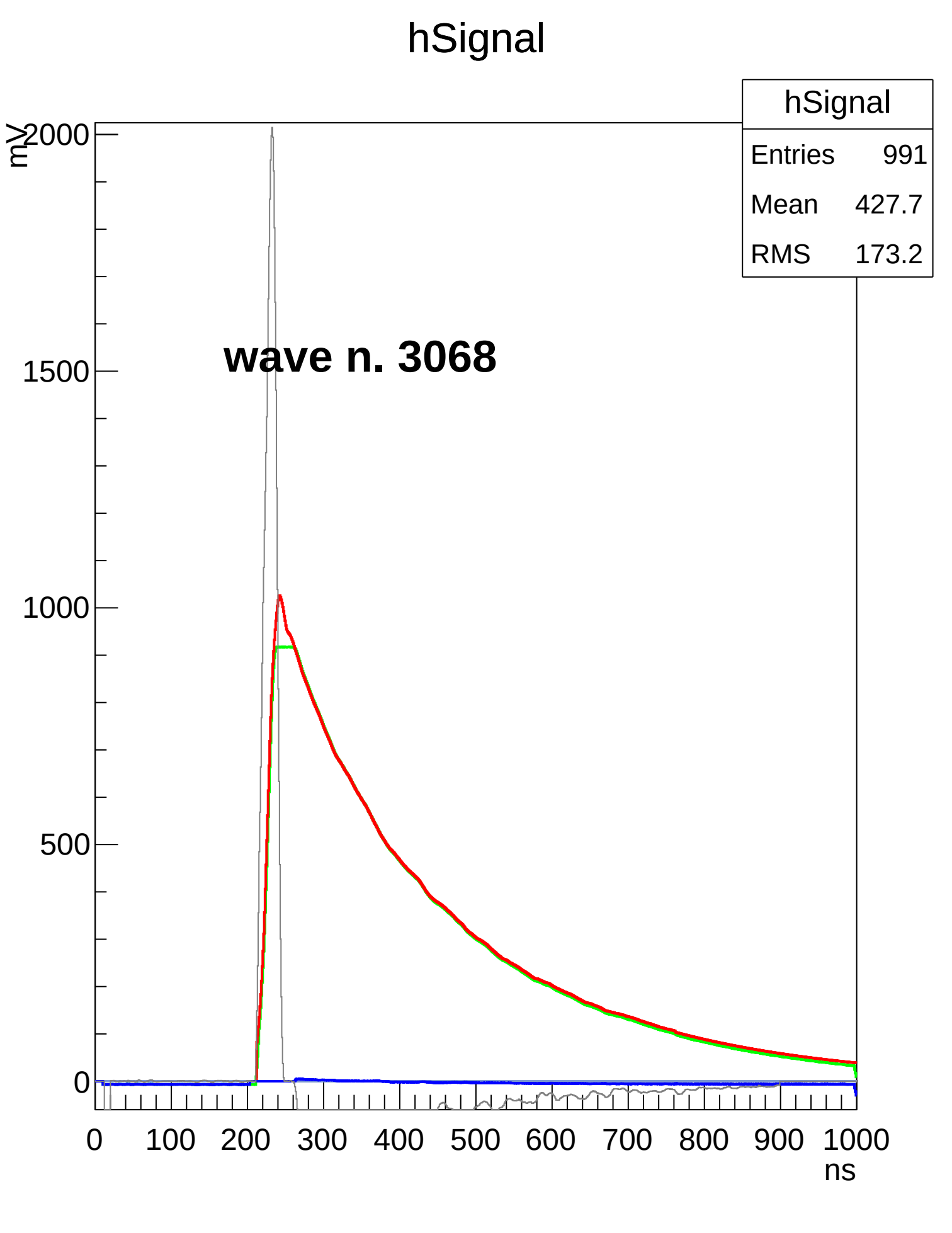
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hSignal
Entries 991
Mean 427.7
RMS 173.2
wave n. 3068
mV
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1500
1000
500
0
0
100
200
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400
500
600
700
800
900
1000
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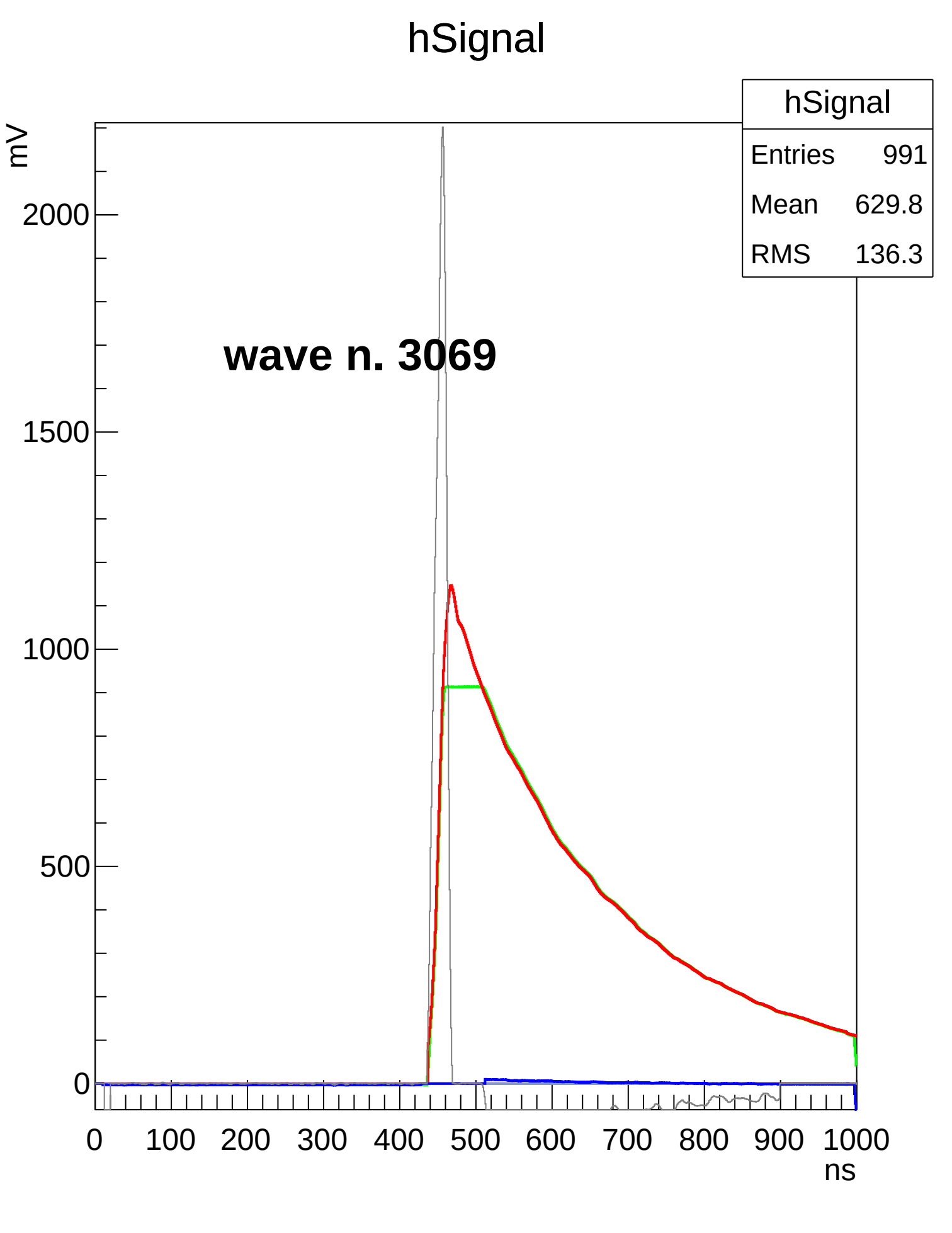
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hSignal
Entries 991
Mean 629.8
RMS 136.3
wave n. 3069
mV
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1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
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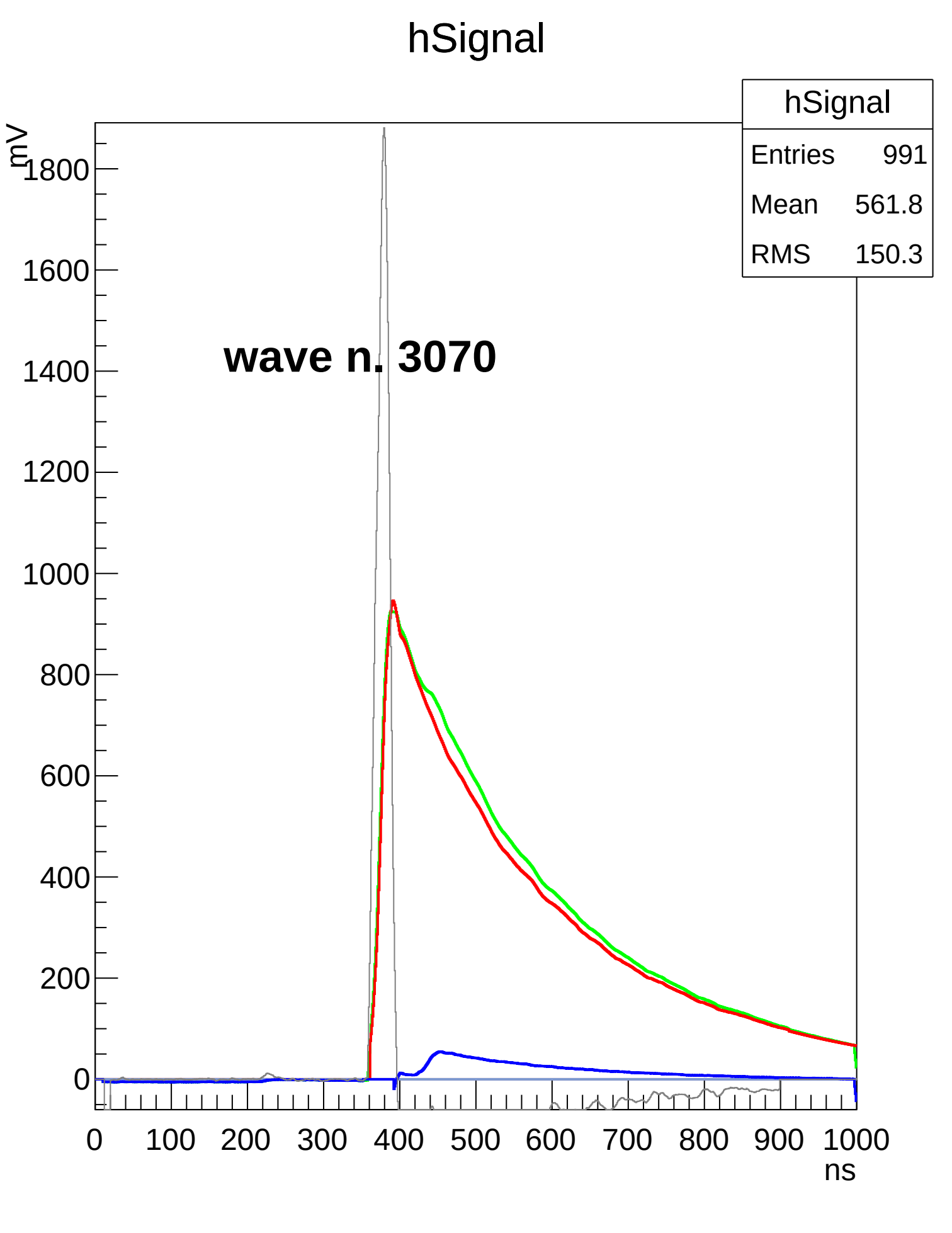
hSignal
hSignal
Entries 991
Mean 561.8
RMS 150.3
wave n. 3070
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
300
400
500
600
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800
900
1000
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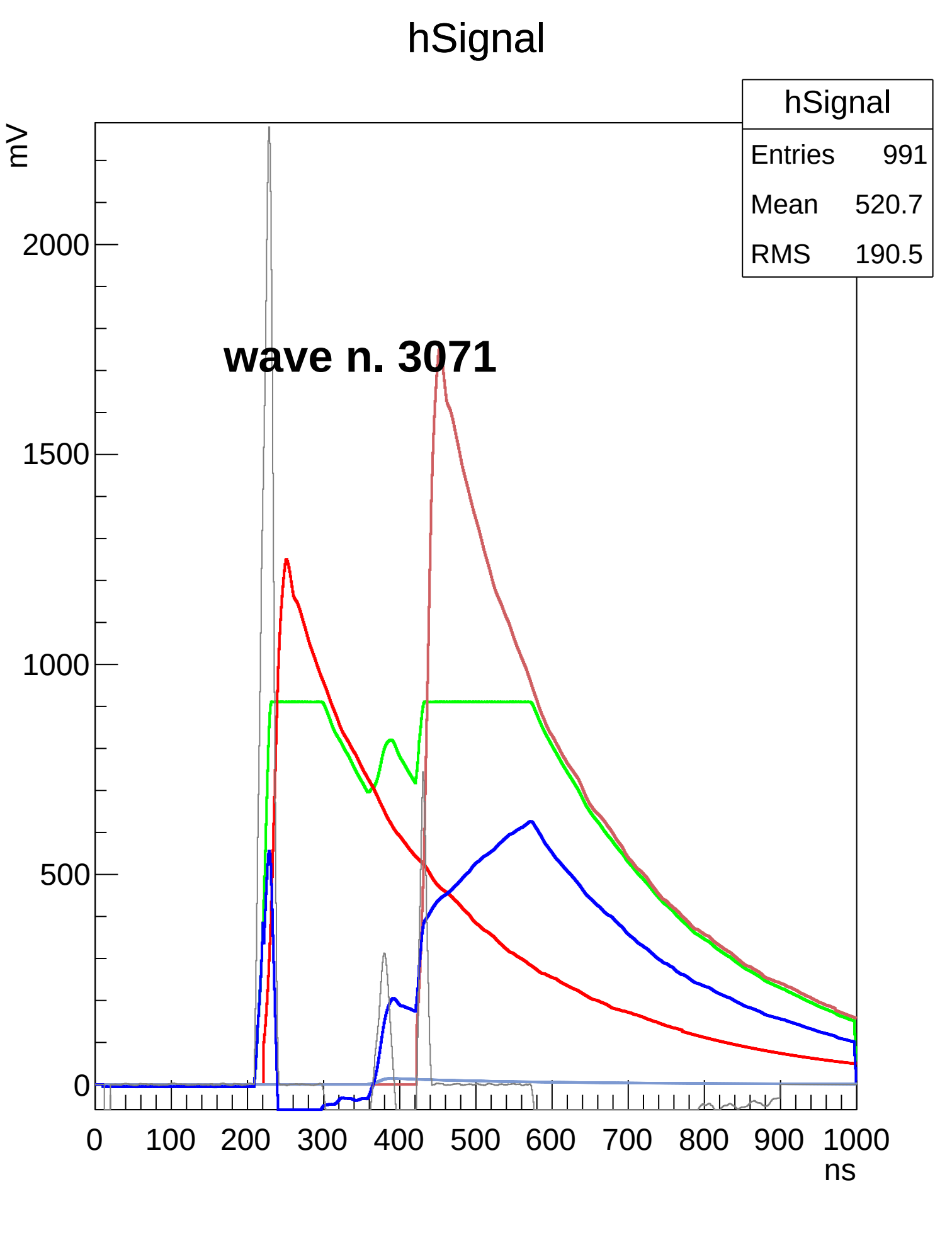
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hSignal
Entries 991
Mean 520.7
RMS 190.5
wave n. 3071
mV
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1000
500
0
0
100
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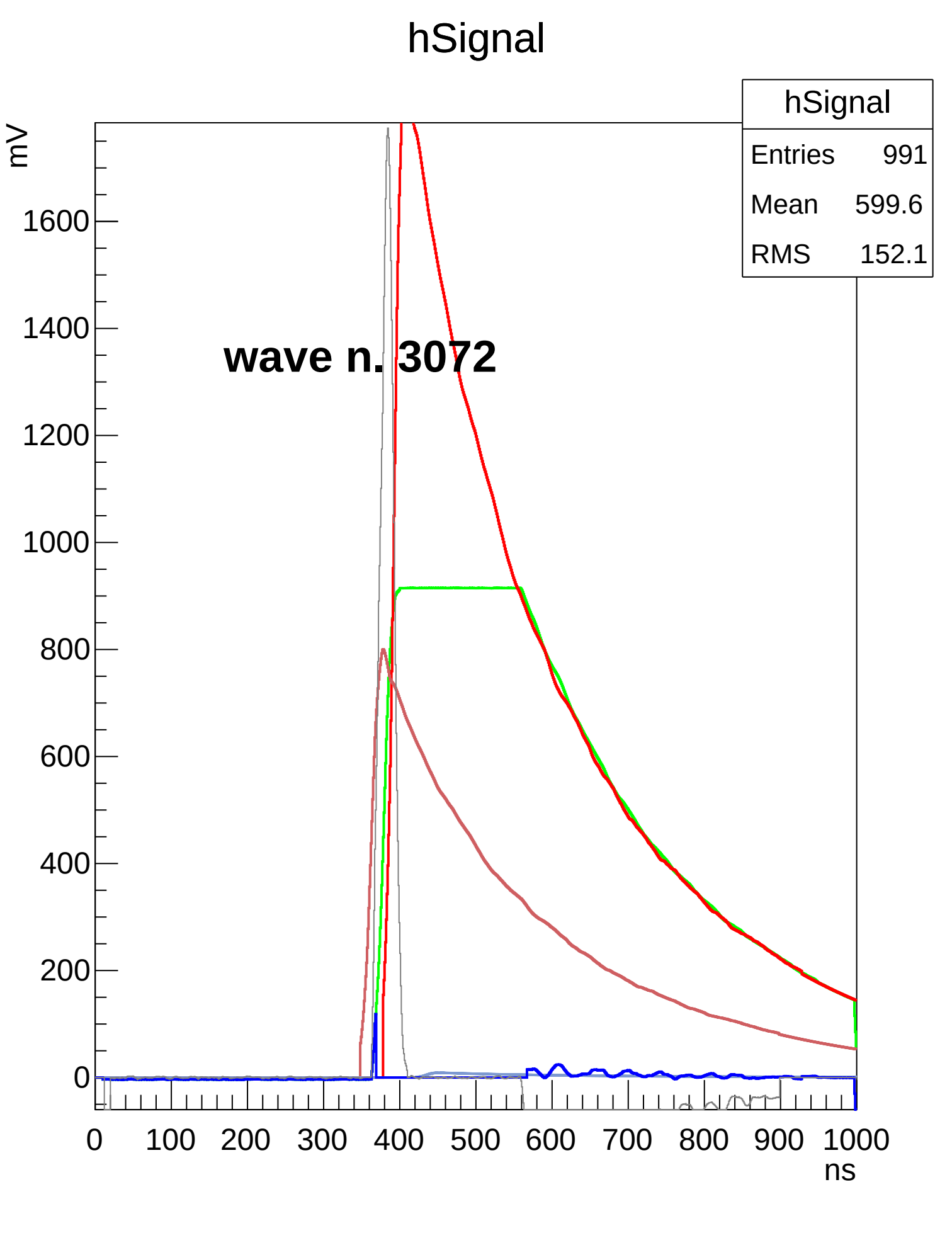
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 599.6
RMS 152.1
wave n. 3072
mV
1600
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600
400
200
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0
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200
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400
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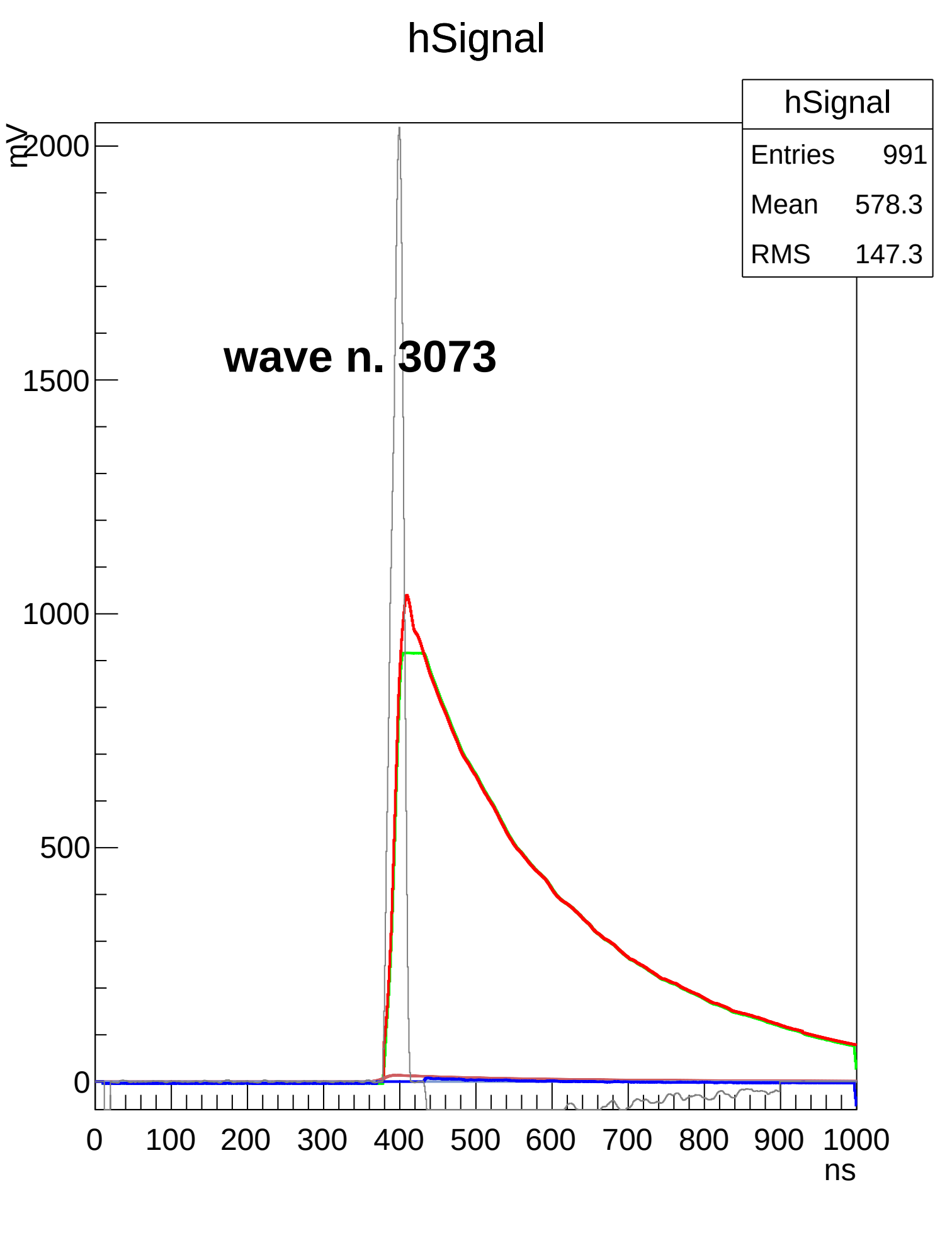
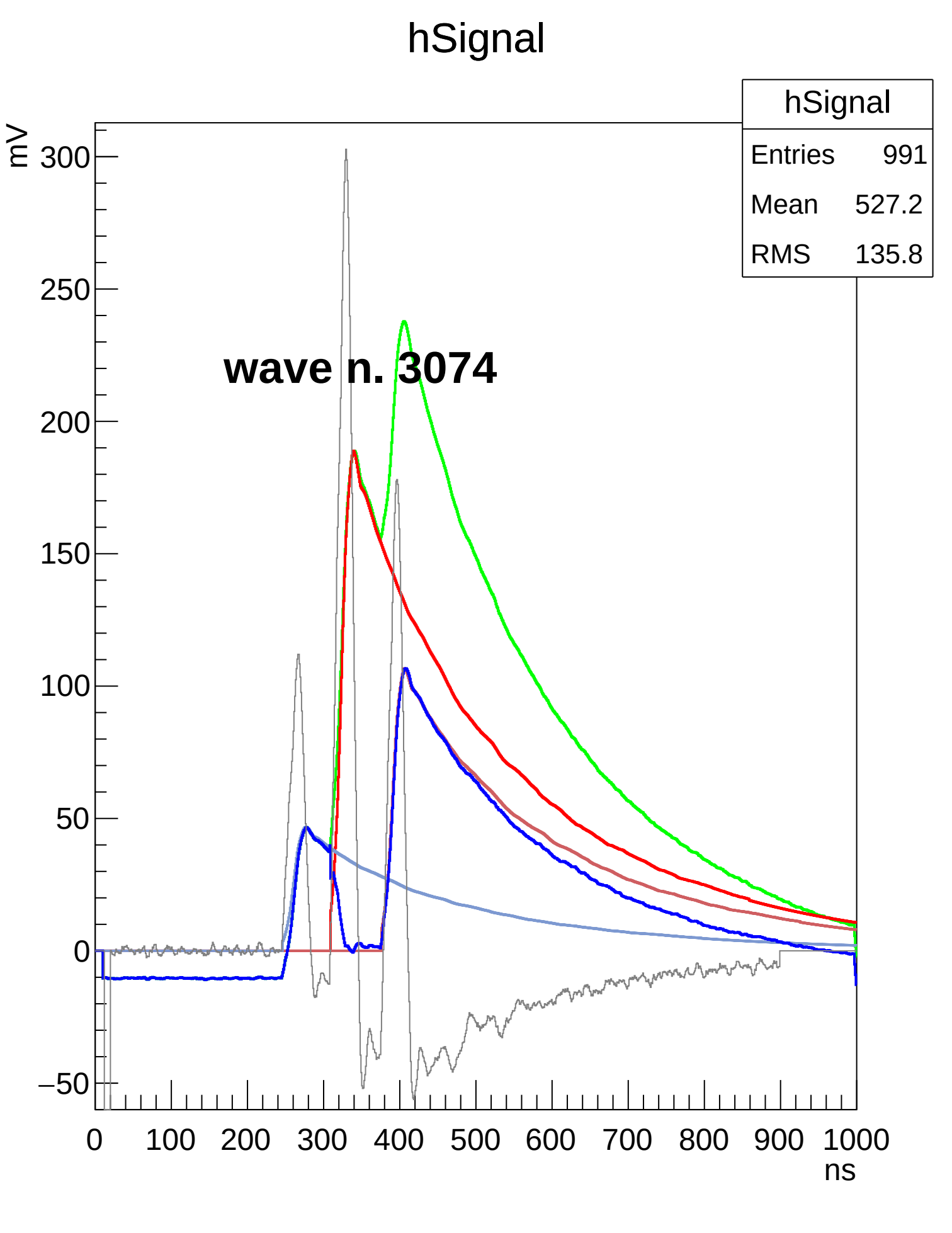
1000
ns


hSignal
hSignal
Entries 991
Mean 578.3
RMS 147.3
wave n. 3073
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 527.2
RMS 135.8
wave n. 3074
mV
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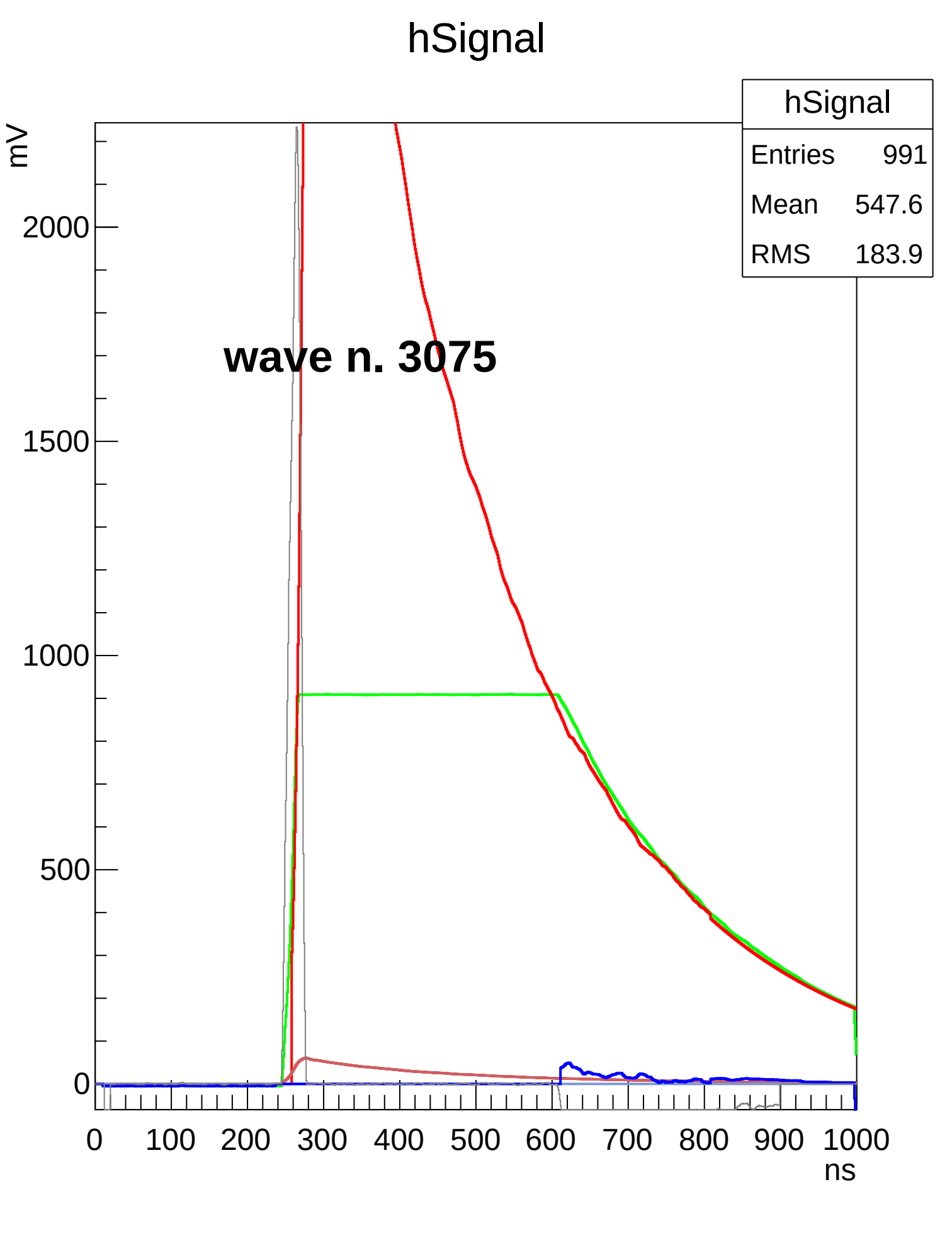
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547.6
RMS 183.9
wave n. 3075
mV
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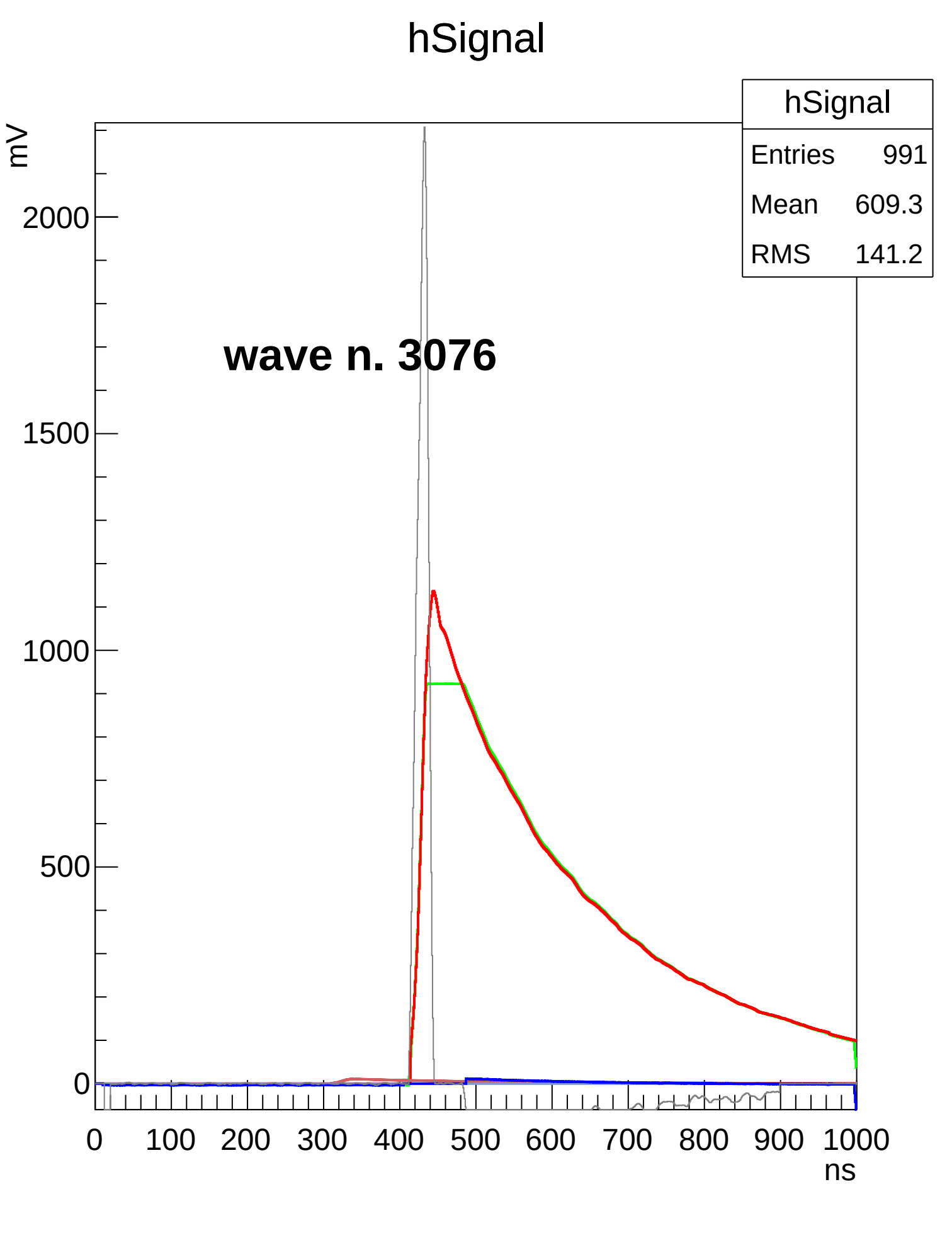
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 609.3
RMS 141.2
wave n. 3076
mV
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1000
500
0
0
100
200
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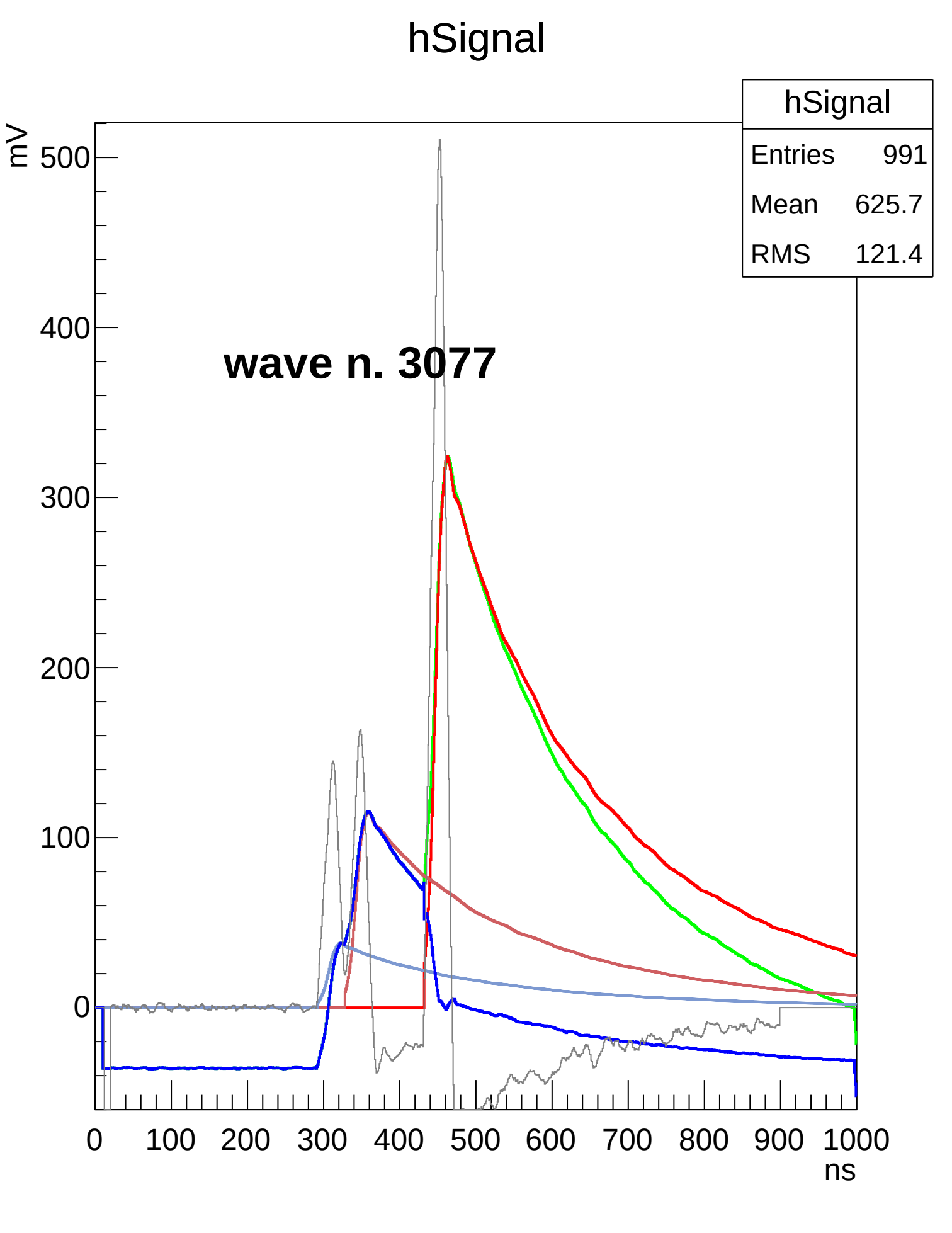
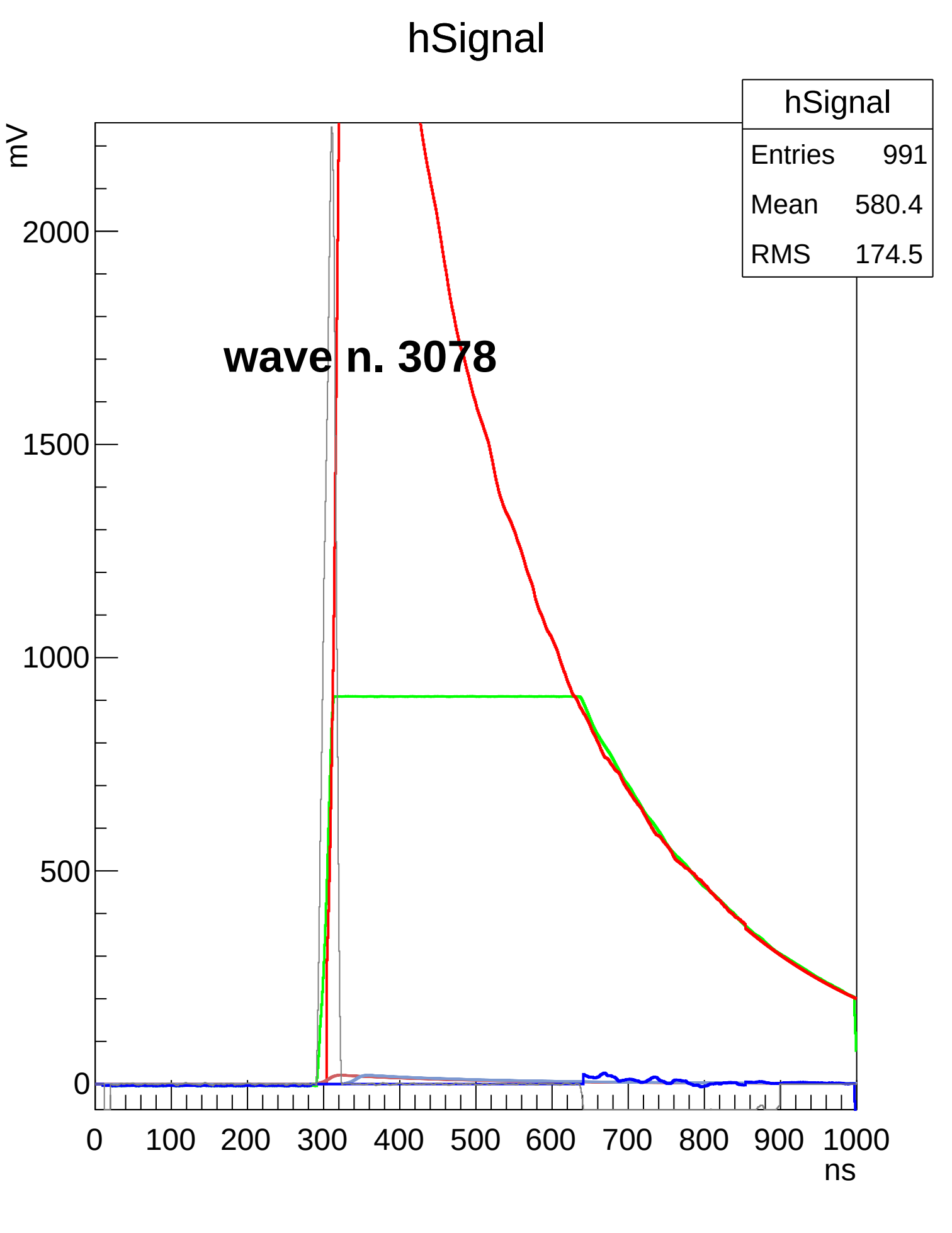
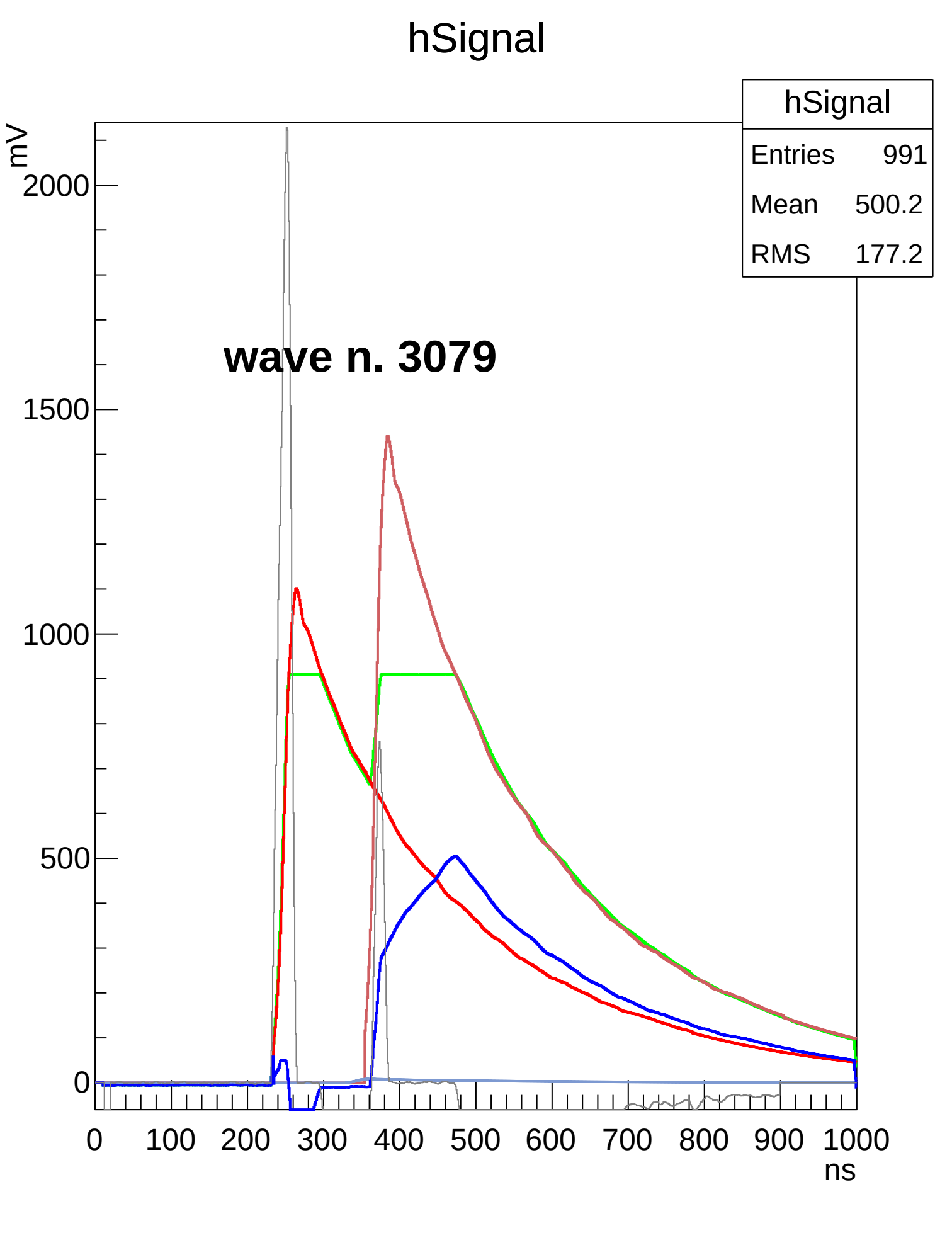
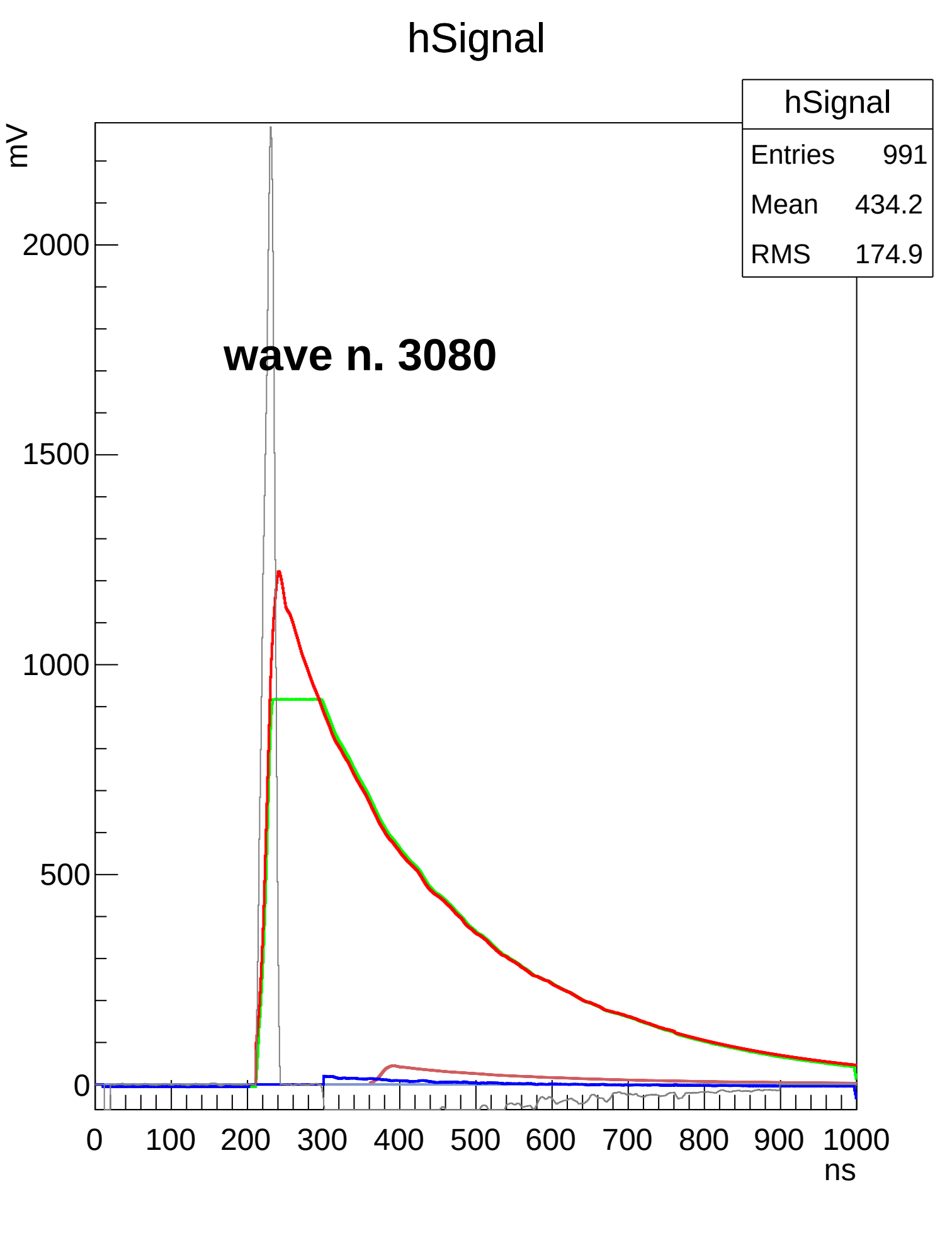
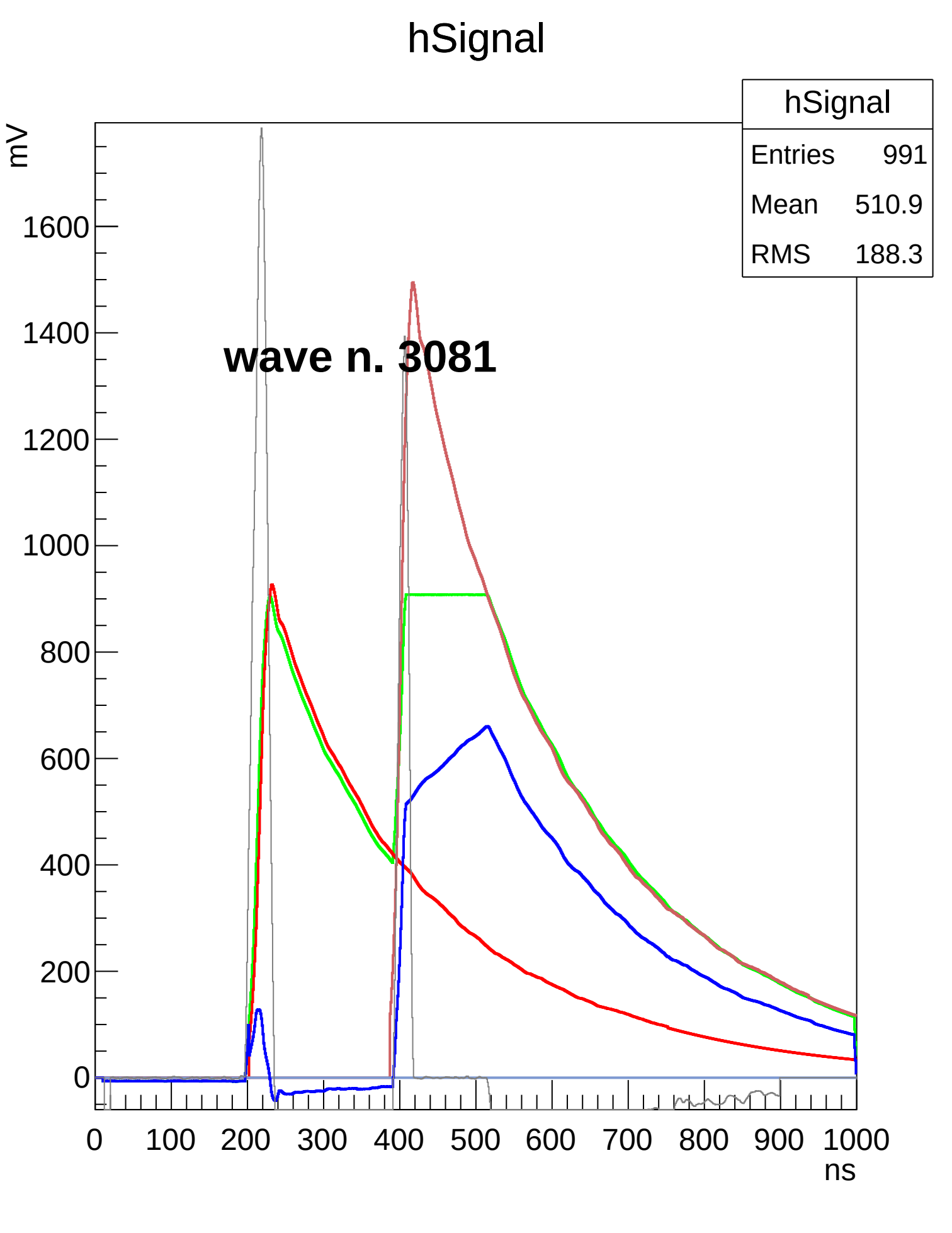
400
500
600
700
800
900
1000
ns

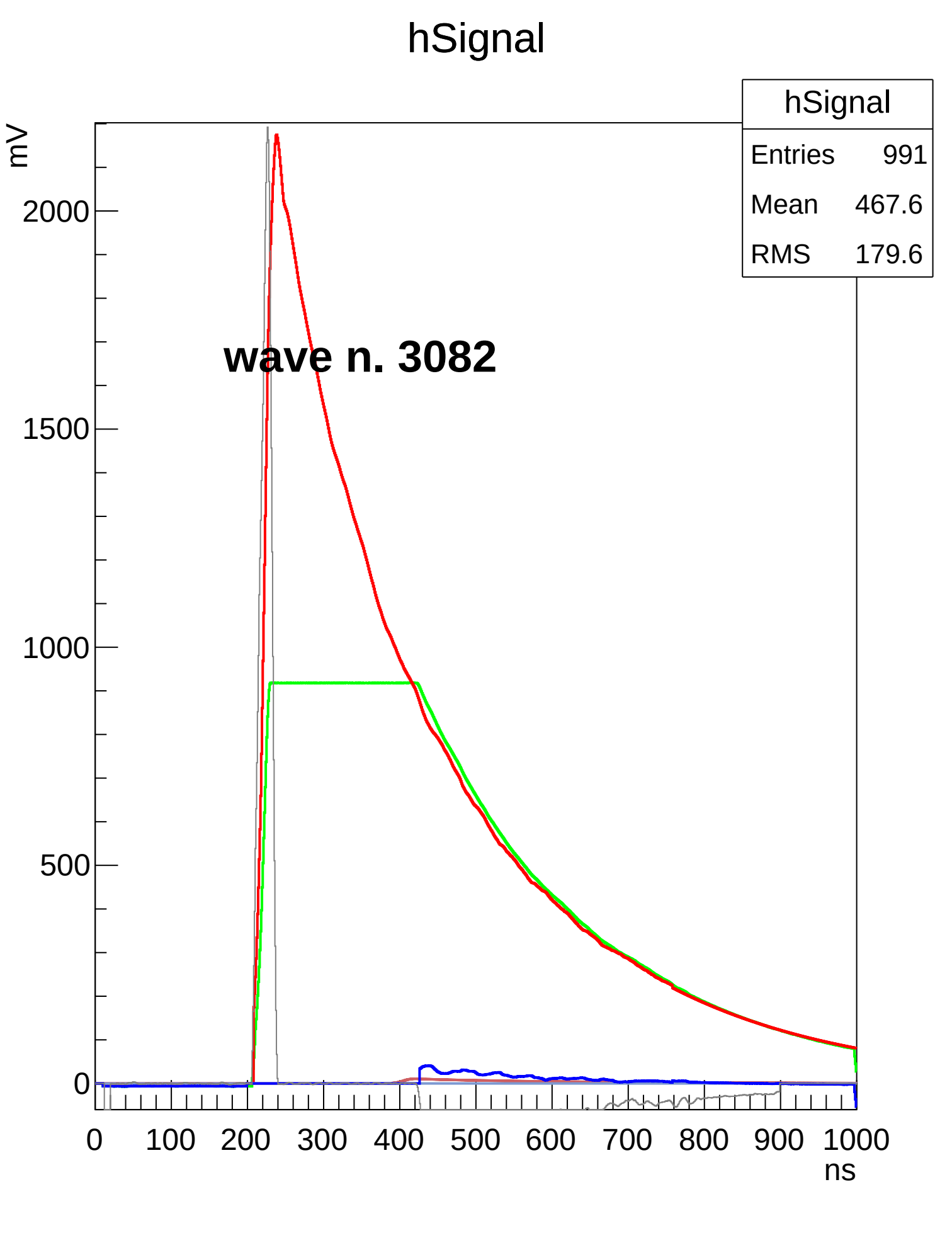

hSignal
hSignal
Entries 991
Mean 625.7
RMS 121.4
wave n. 3077
mV
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580.4
RMS 174.5
wave n. 3078
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 500.2
RMS 177.2
wave n. 3079
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 434.2
RMS 174.9
wave n. 3080
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.9
RMS 188.3
wave n. 3081
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 467.6
RMS 179.6
wave n. 3082
mV
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1500
1000
500
0
0
100
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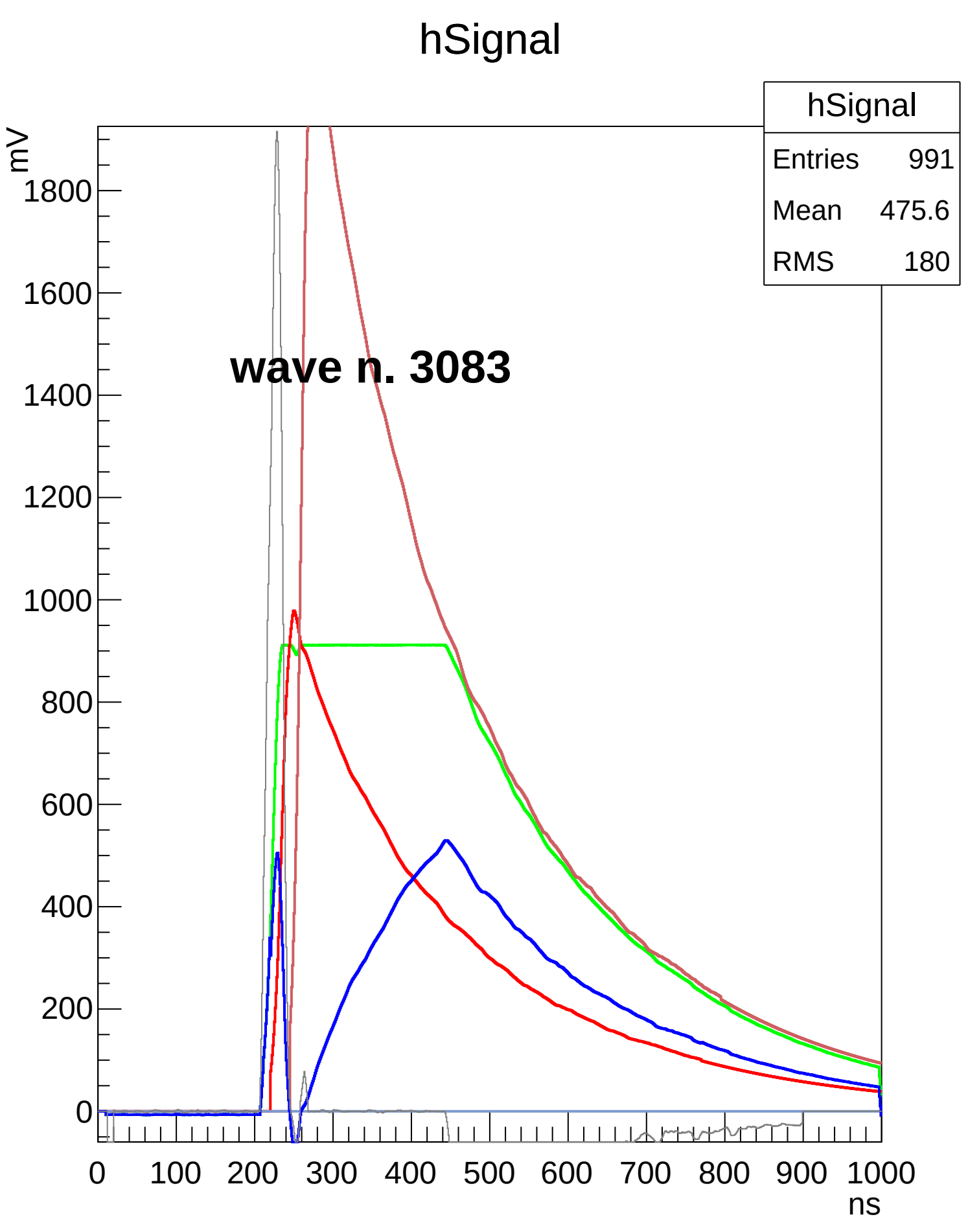
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 475.6
RMS 180
wave n. 3083
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1600
1400
1200
1000
800
600
400
200
0
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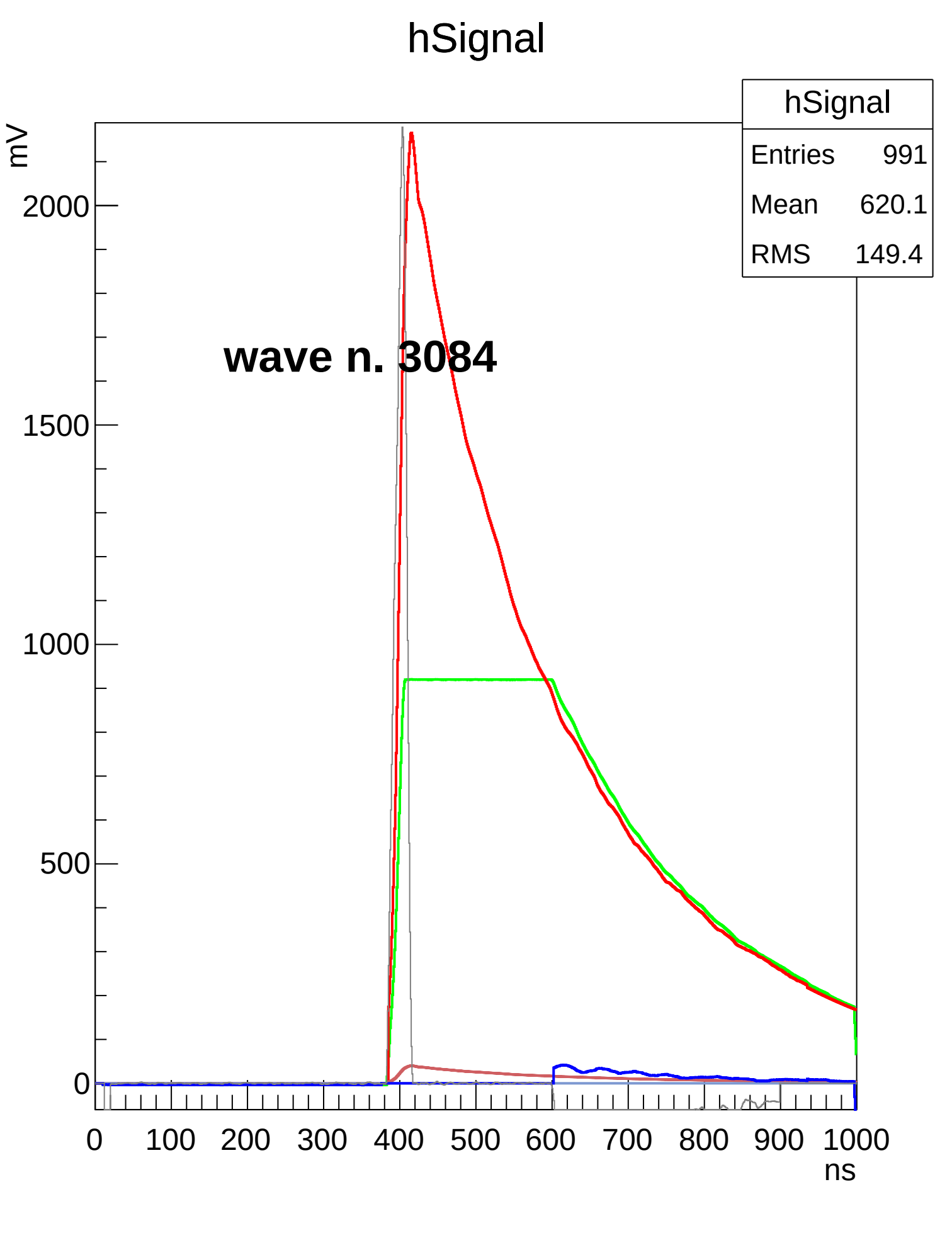
ns


hSignal
hSignal
Entries 991
Mean 620.1
RMS 149.4
wave n. 3084
mV
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1000
500
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0
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200
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400
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600
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800
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1000
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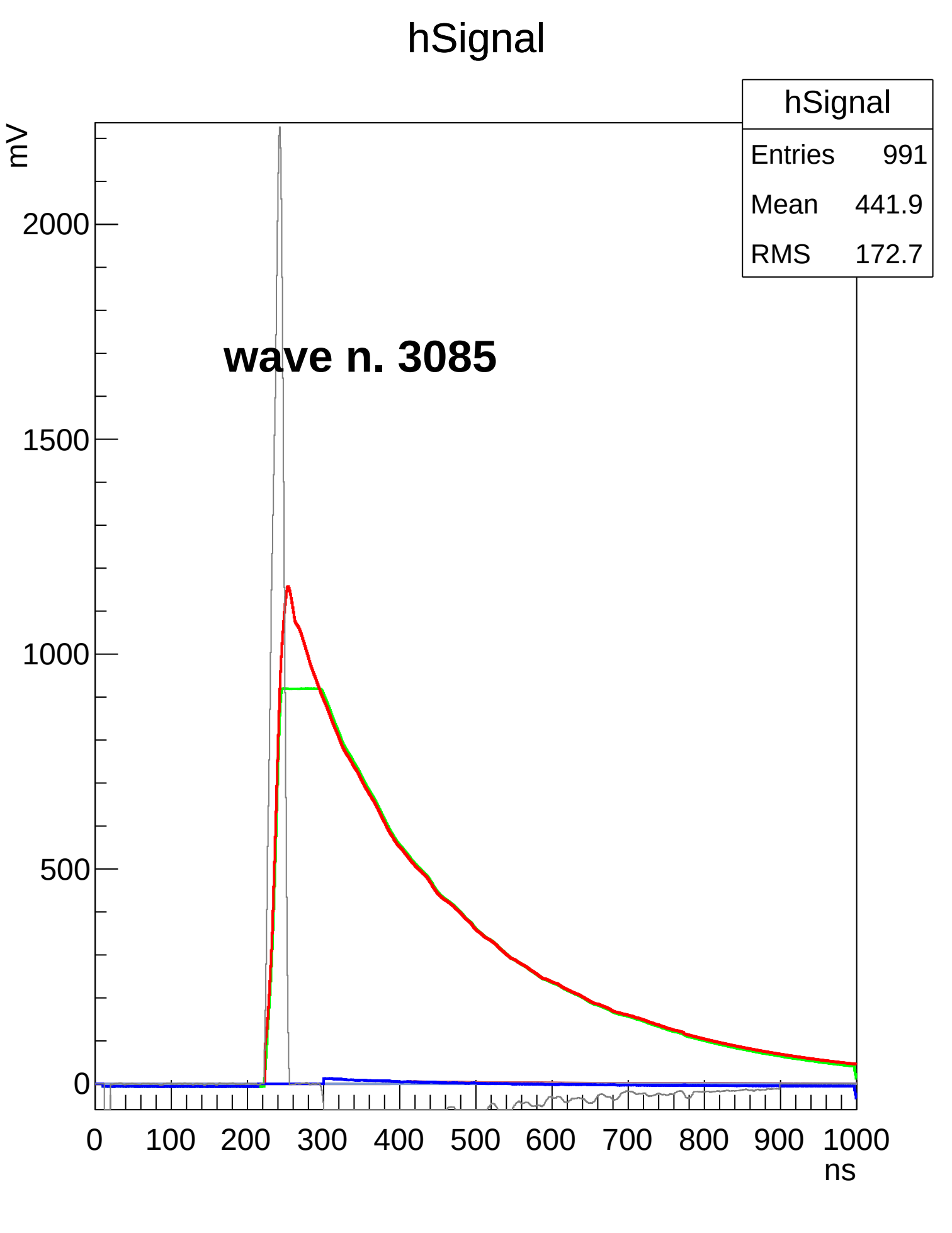
hSignal
hSignal
Entries 991
Mean 441.9
RMS 172.7
wave n. 3085
mV
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1000
500
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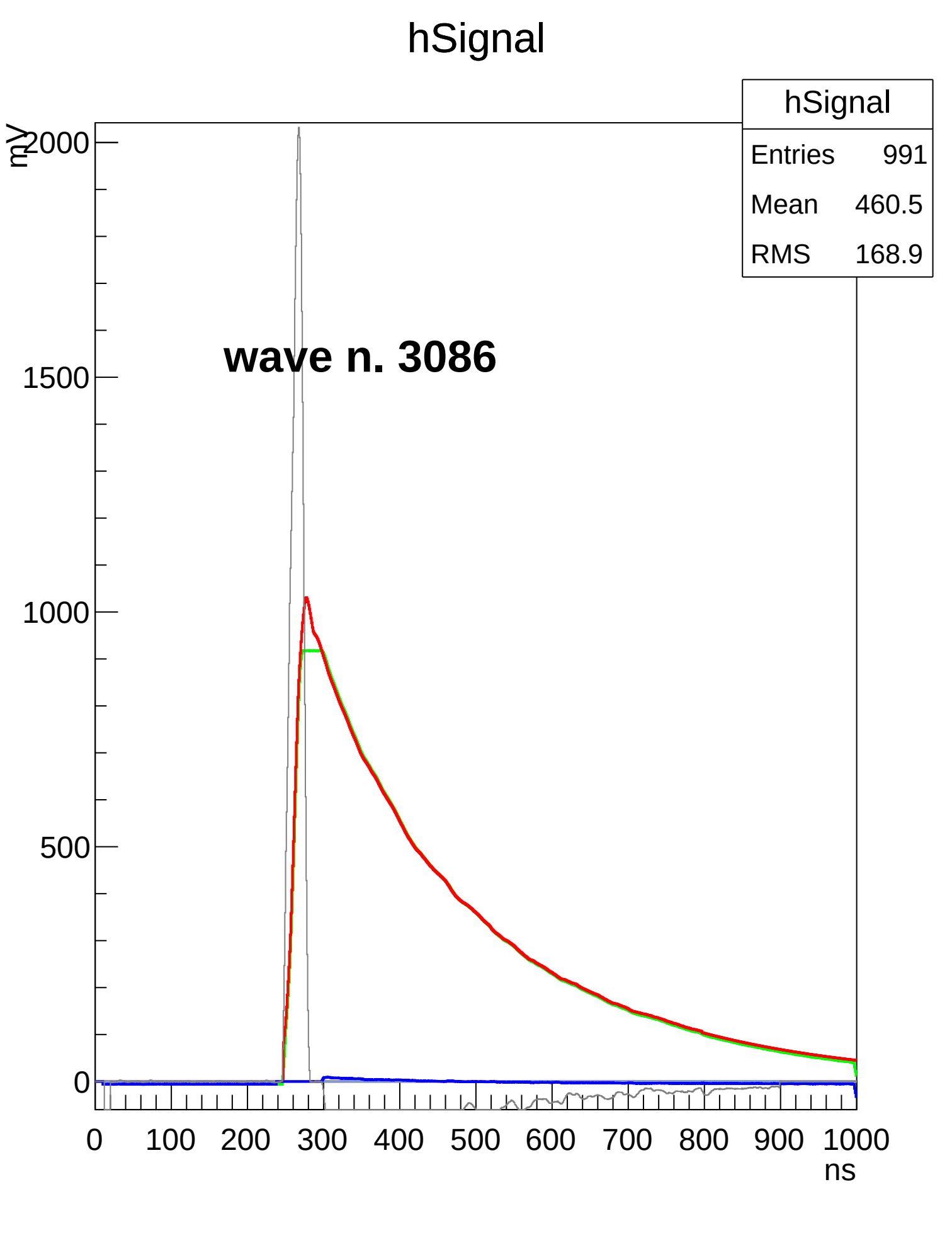
ns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Entries 991
Mean 460.5
RMS 168.9
wave n. 3086
mV
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1000
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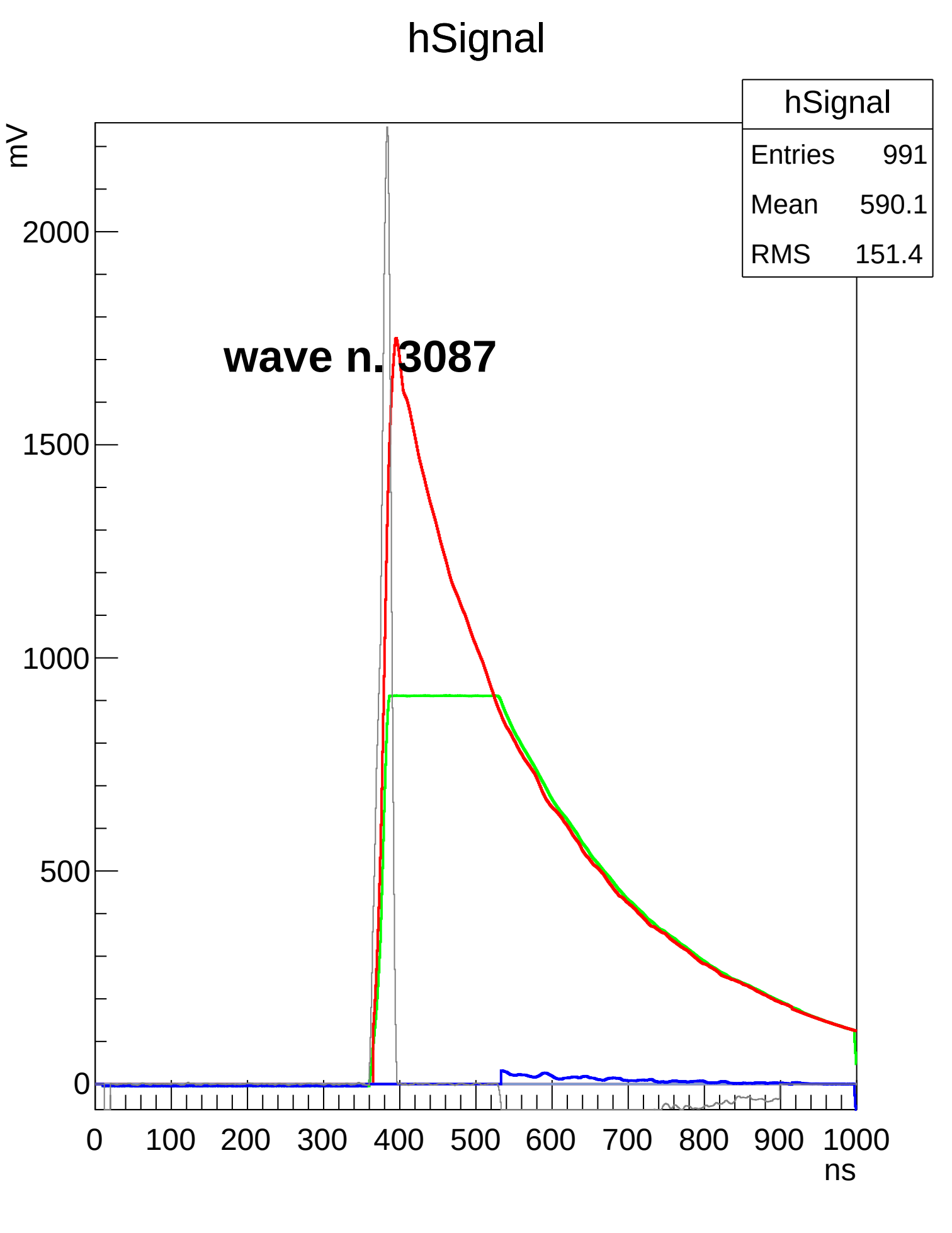
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Entries 991
Mean 590.1
RMS 151.4
wave n. 3087
mV
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400
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800
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1000
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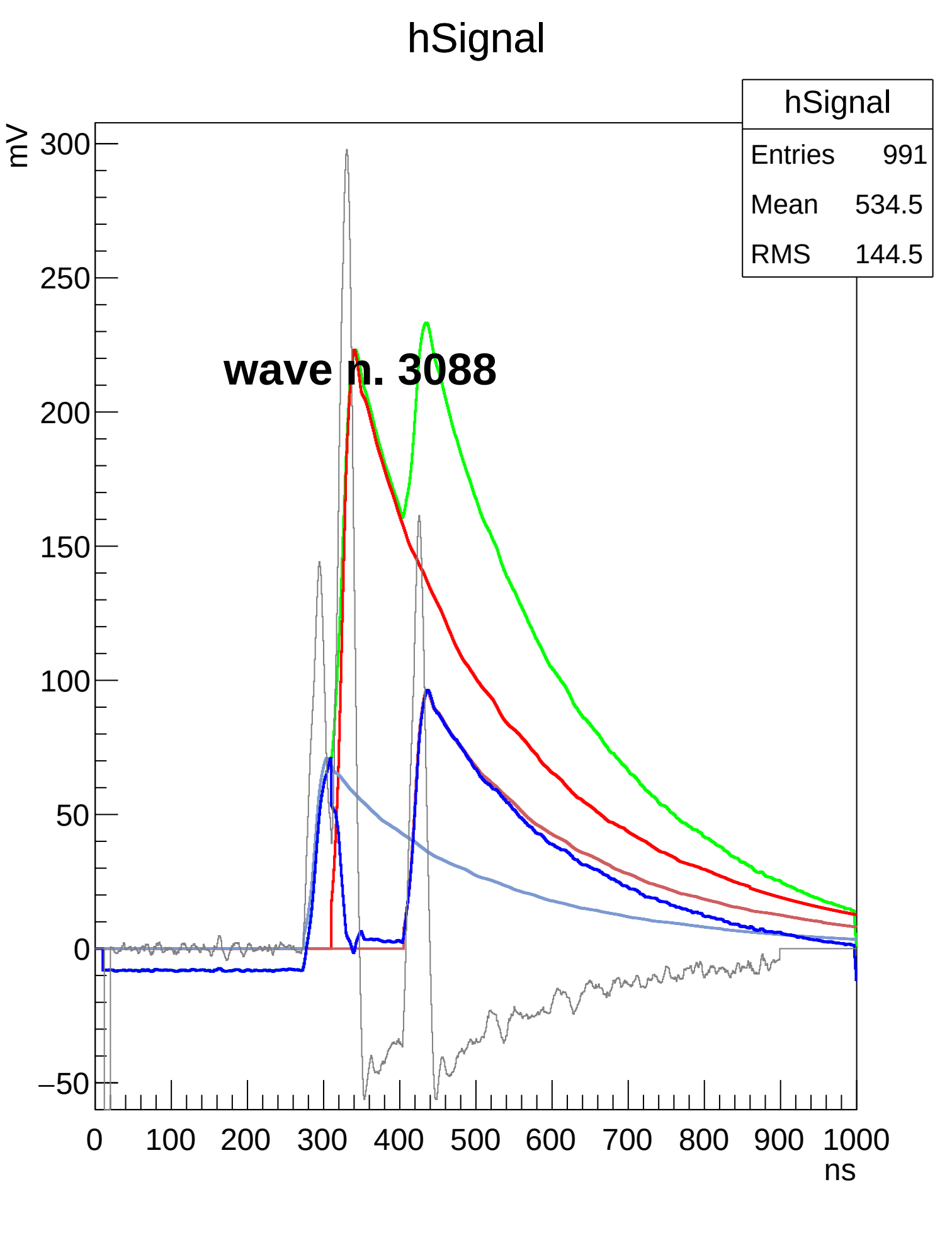
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Entries 991
Mean 534.5
RMS 144.5
wave n. 3088
mV
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50
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0
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400
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800
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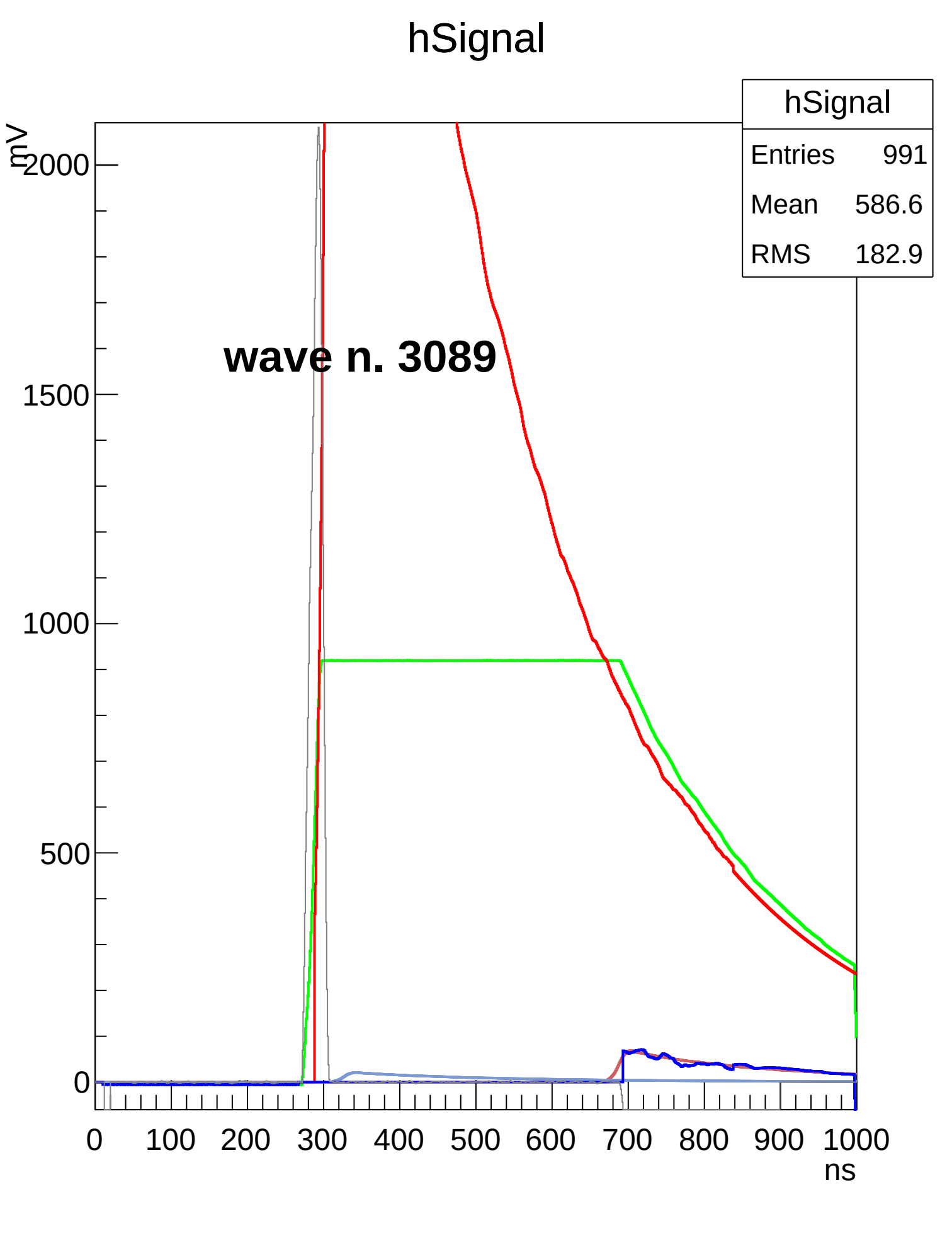
ns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hSignal
Entries 991
Mean 586.6
RMS 182.9
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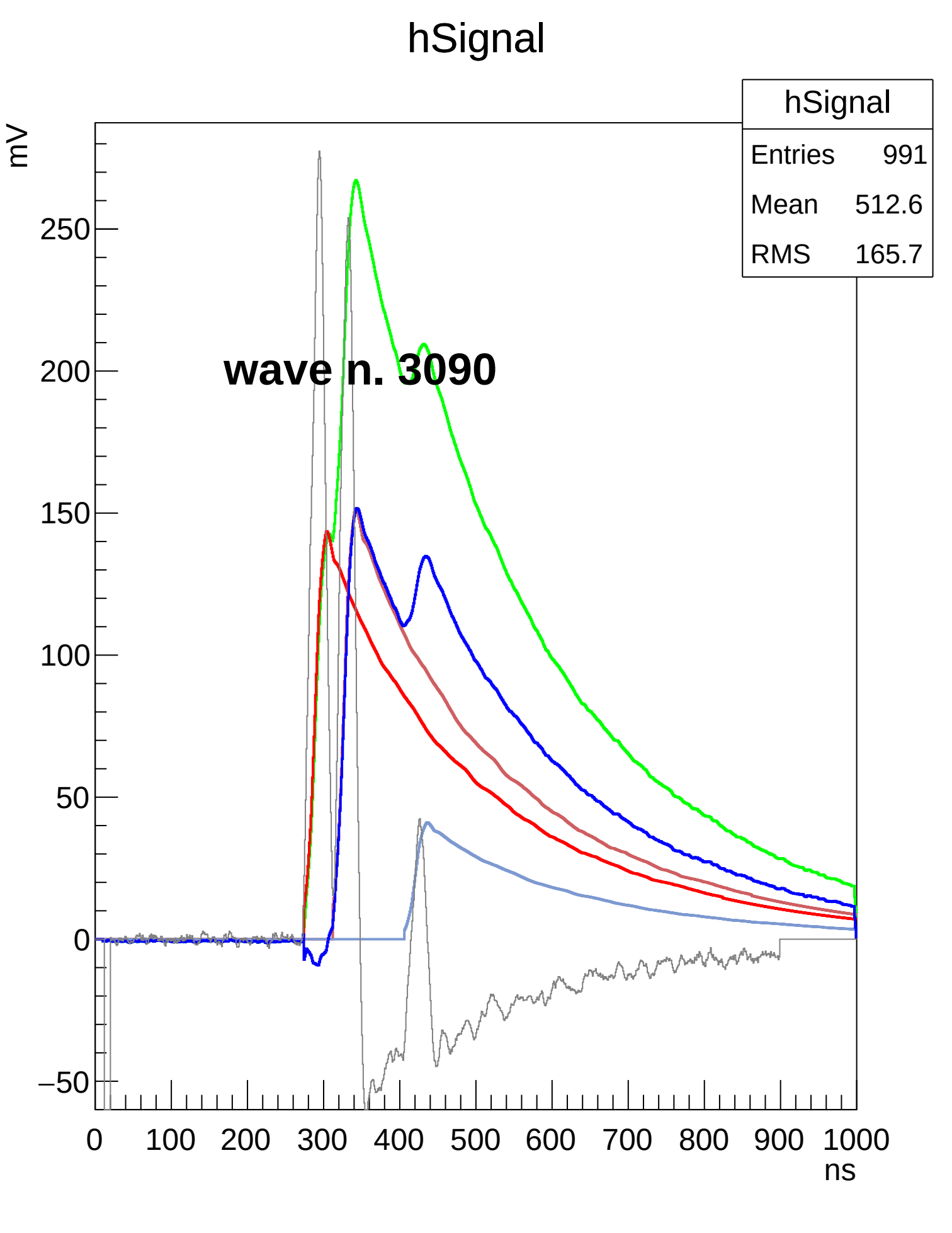
hSignal
hSignal
Entries 991
Mean 512.6
RMS 165.7
wave n. 3090
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400
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800
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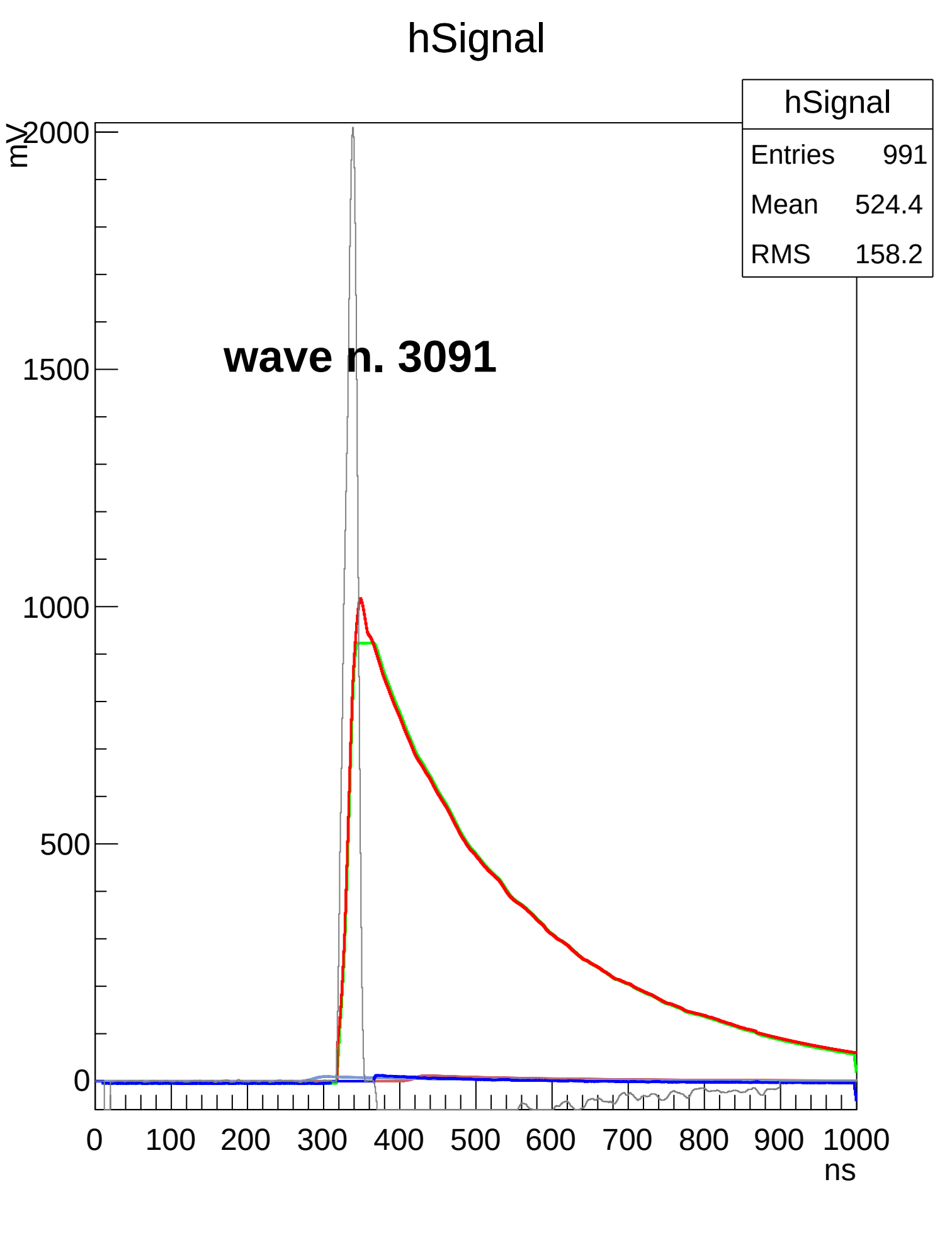
1000
ns


hSignal
hSignal
Entries 991
Mean 524.4
RMS 158.2
wave n. 3091
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400
500
600
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800
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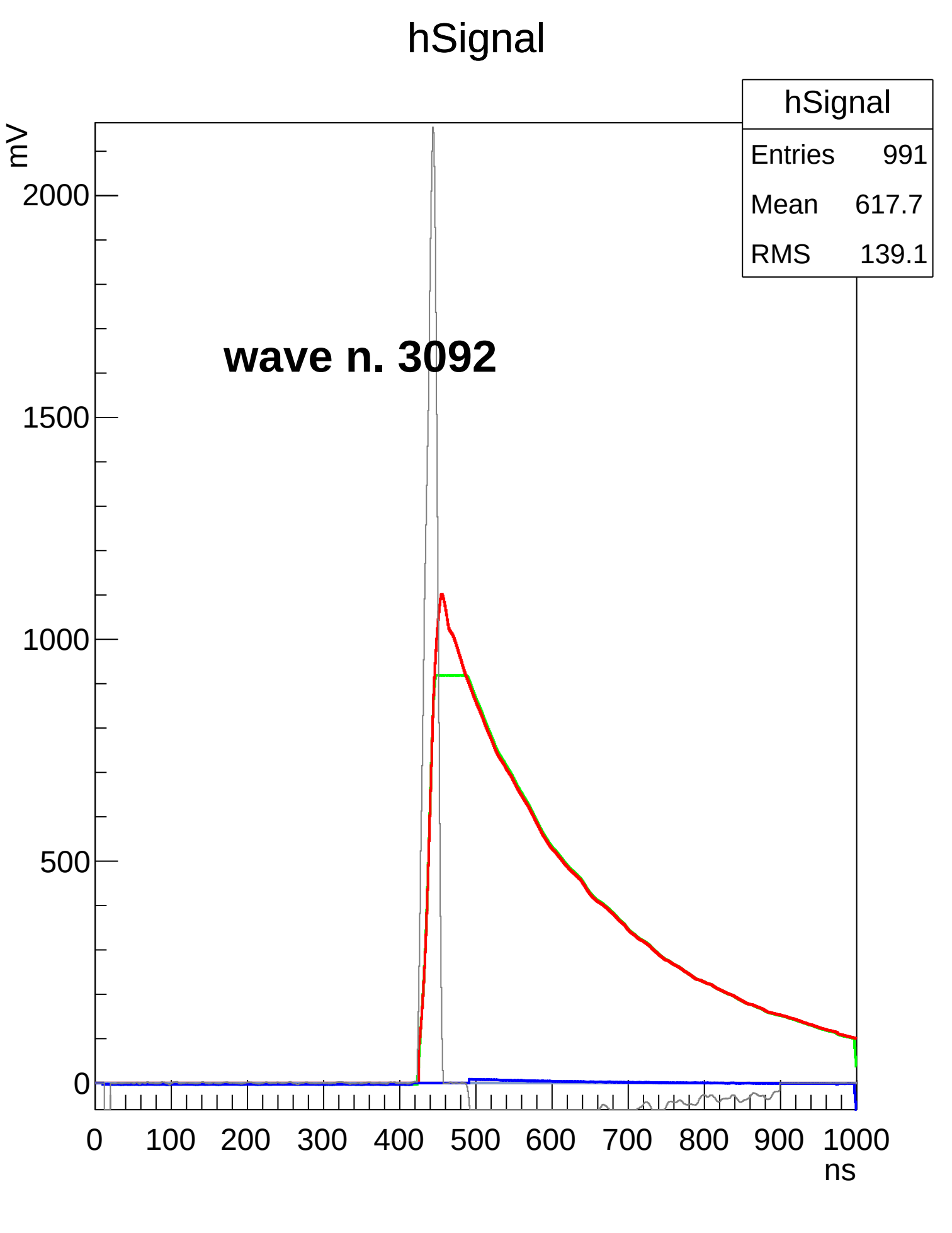
ns


hSignal
hSignal
Entries 991
Mean 617.7
RMS 139.1
wave n. 3092
mV
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1500
1000
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400
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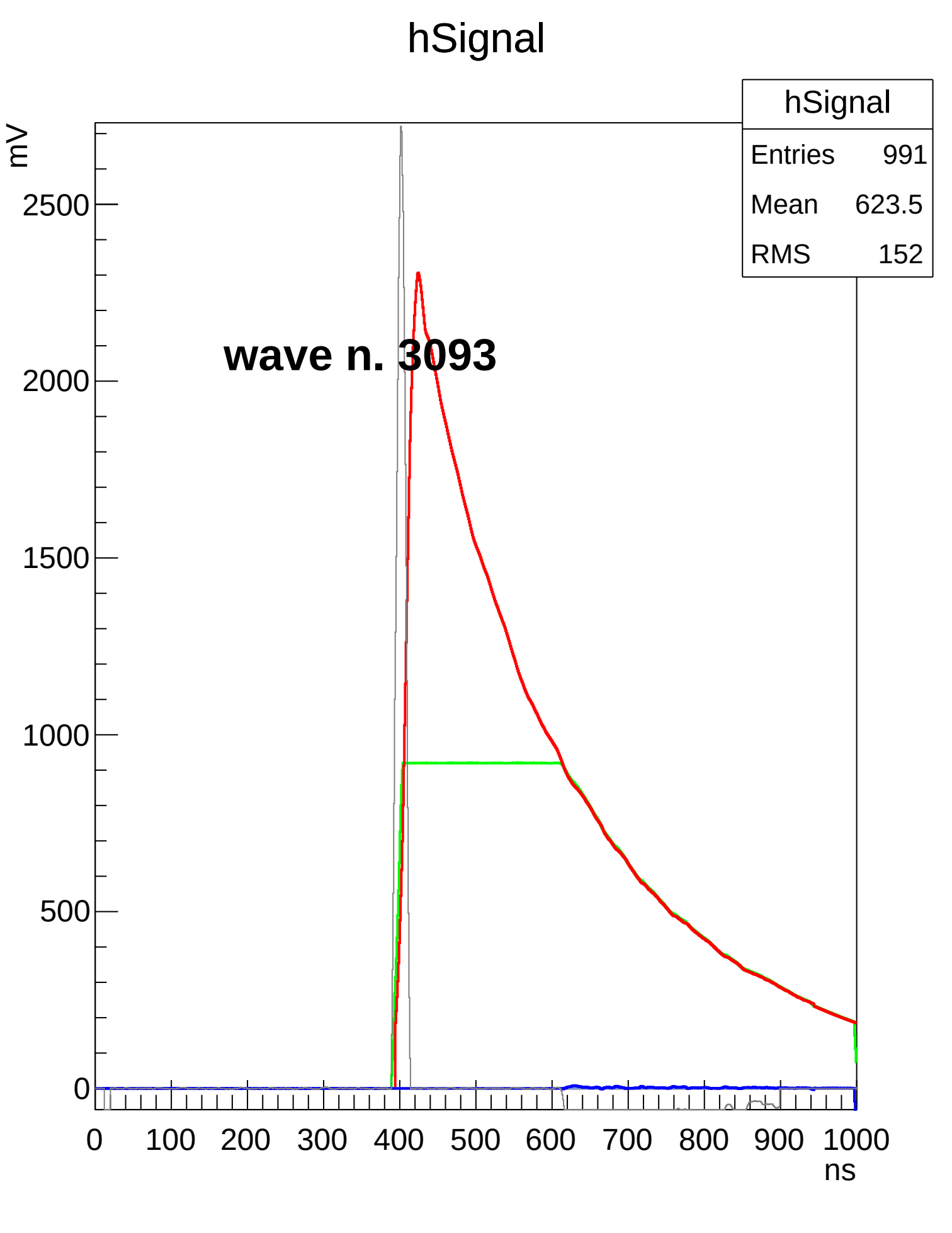
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 623.5
RMS 152
wave n. 3093
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1000
500
0
0
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400
500
600
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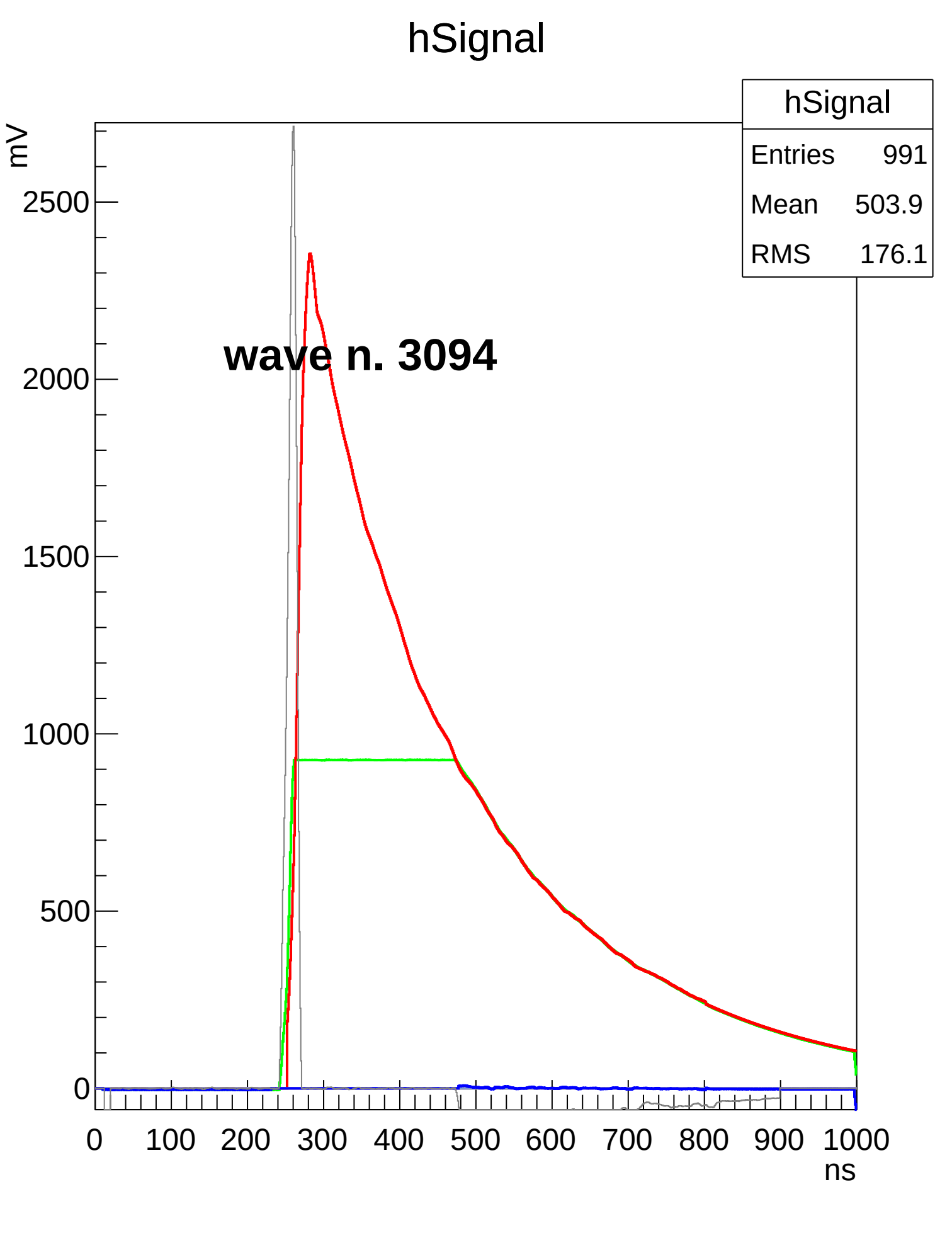
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.9
RMS 176.1
wave n. 3094
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1000
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400
500
600
700
800
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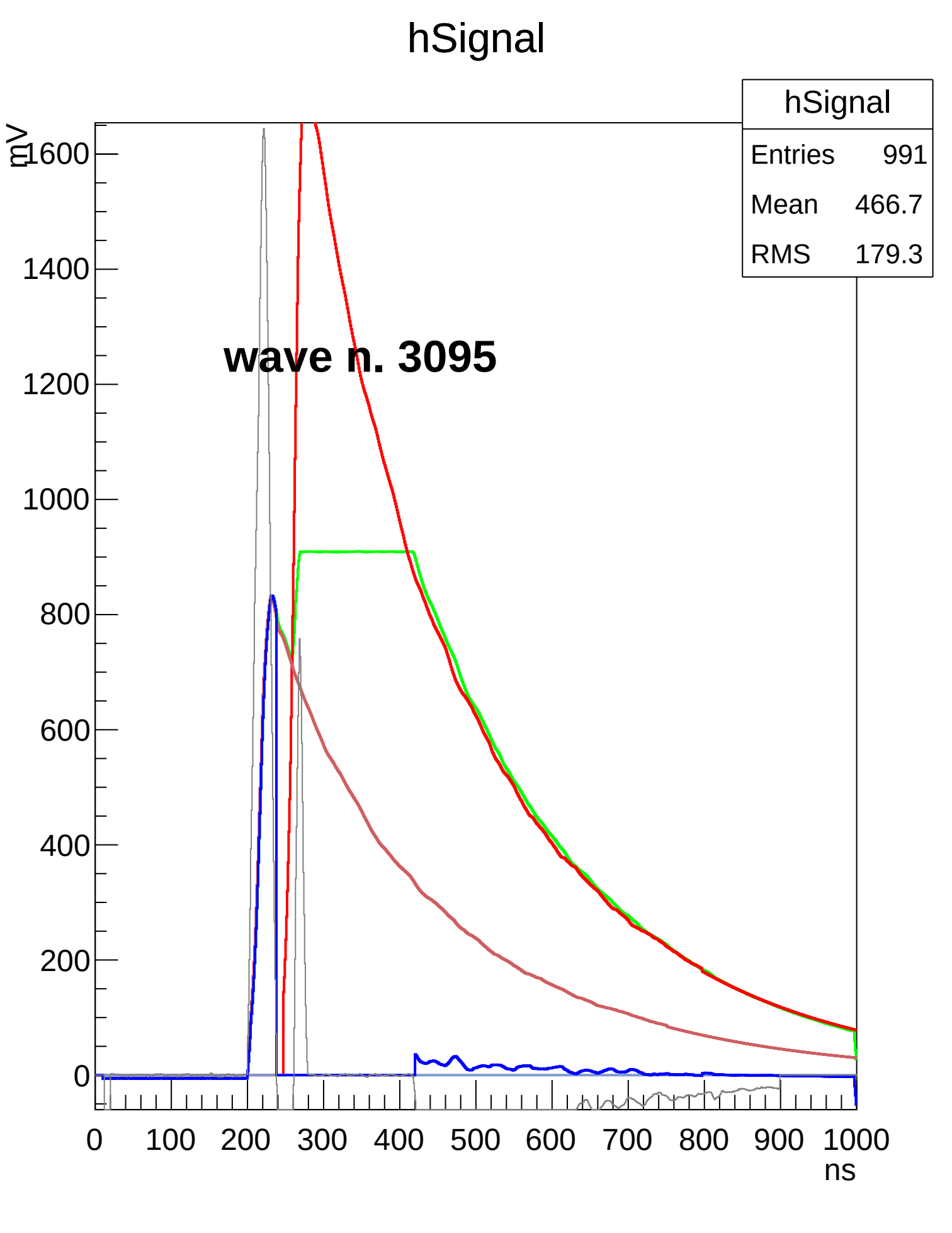
1000
ns


hSignal
hSignal
Entries 991
Mean 466.7
RMS 179.3
wave n. 3095
mV
1600
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600
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1000
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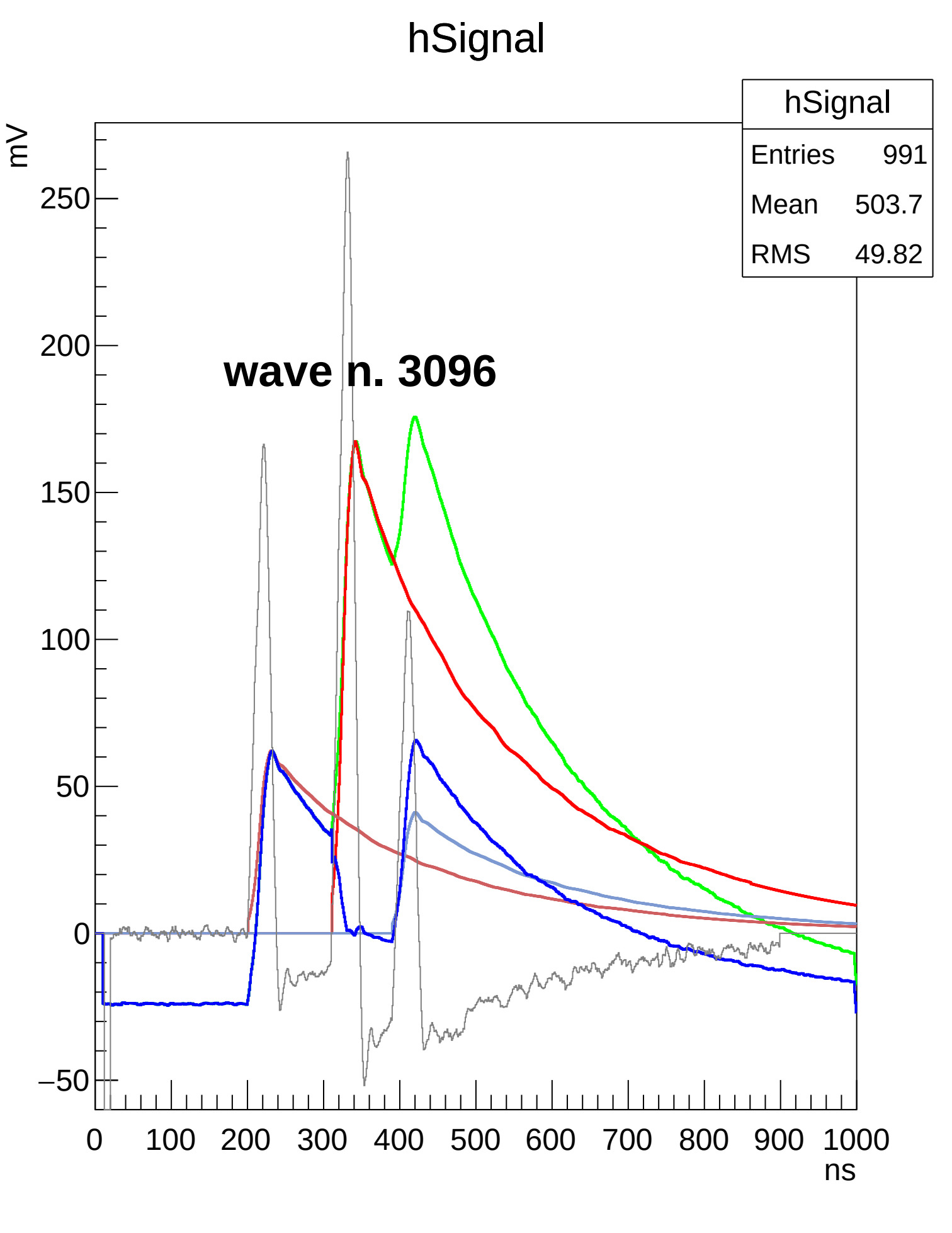
hSignal
hSignal
Entries 991
Mean 503.7
RMS 49.82
wave n. 3096
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100
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0
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0
100
200
300
400
500
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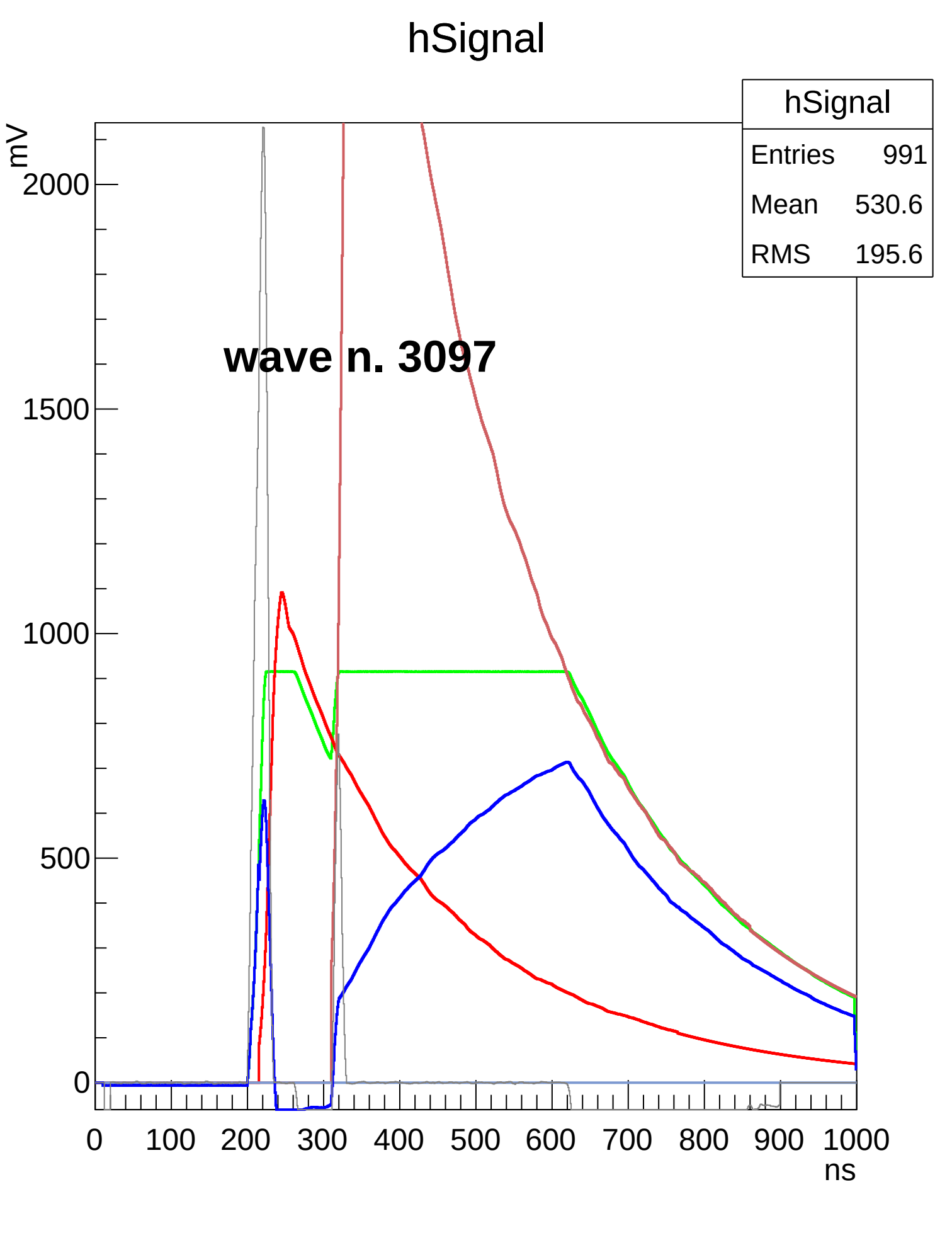
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.6
RMS 195.6
wave n. 3097
mV
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1500
1000
500
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0
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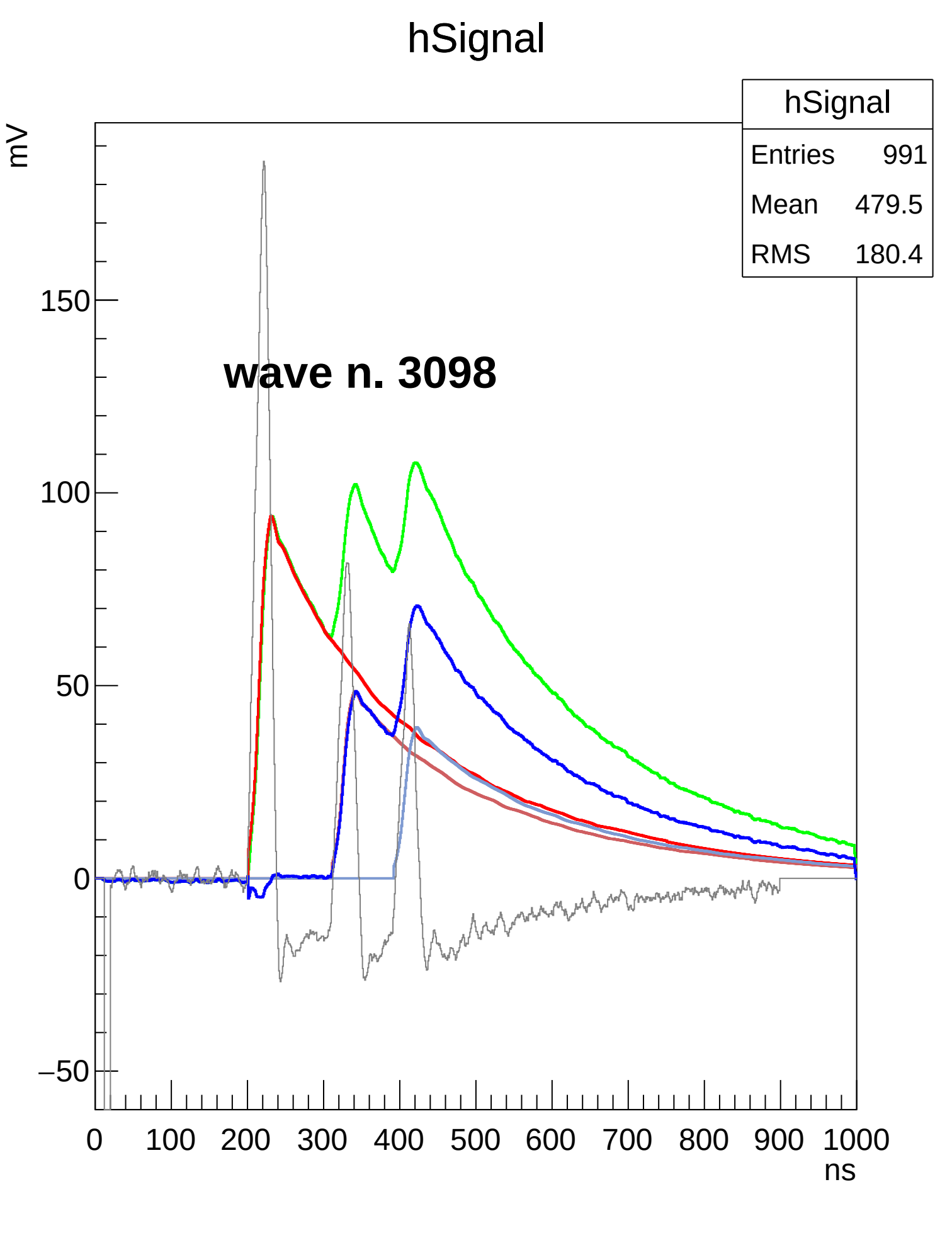
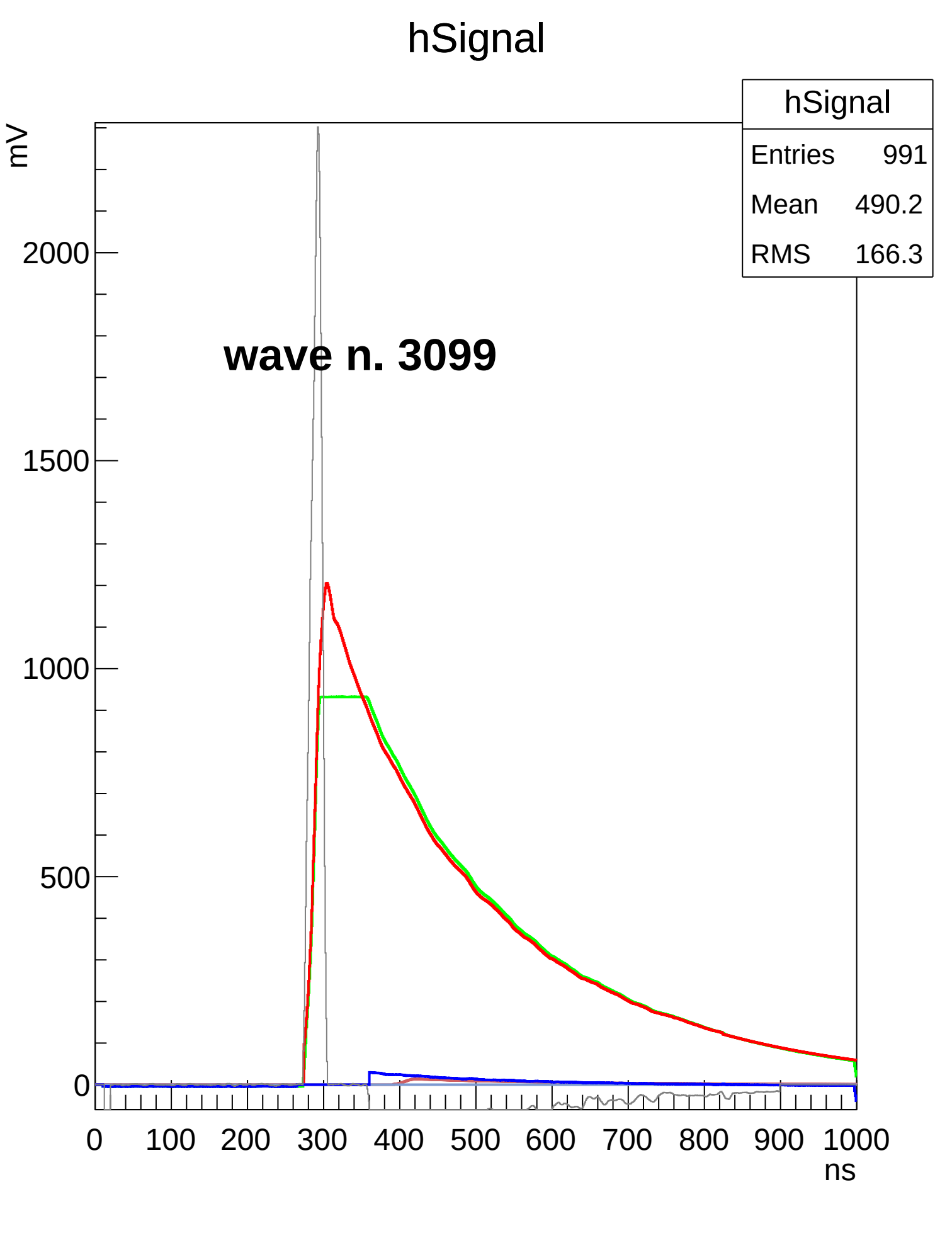
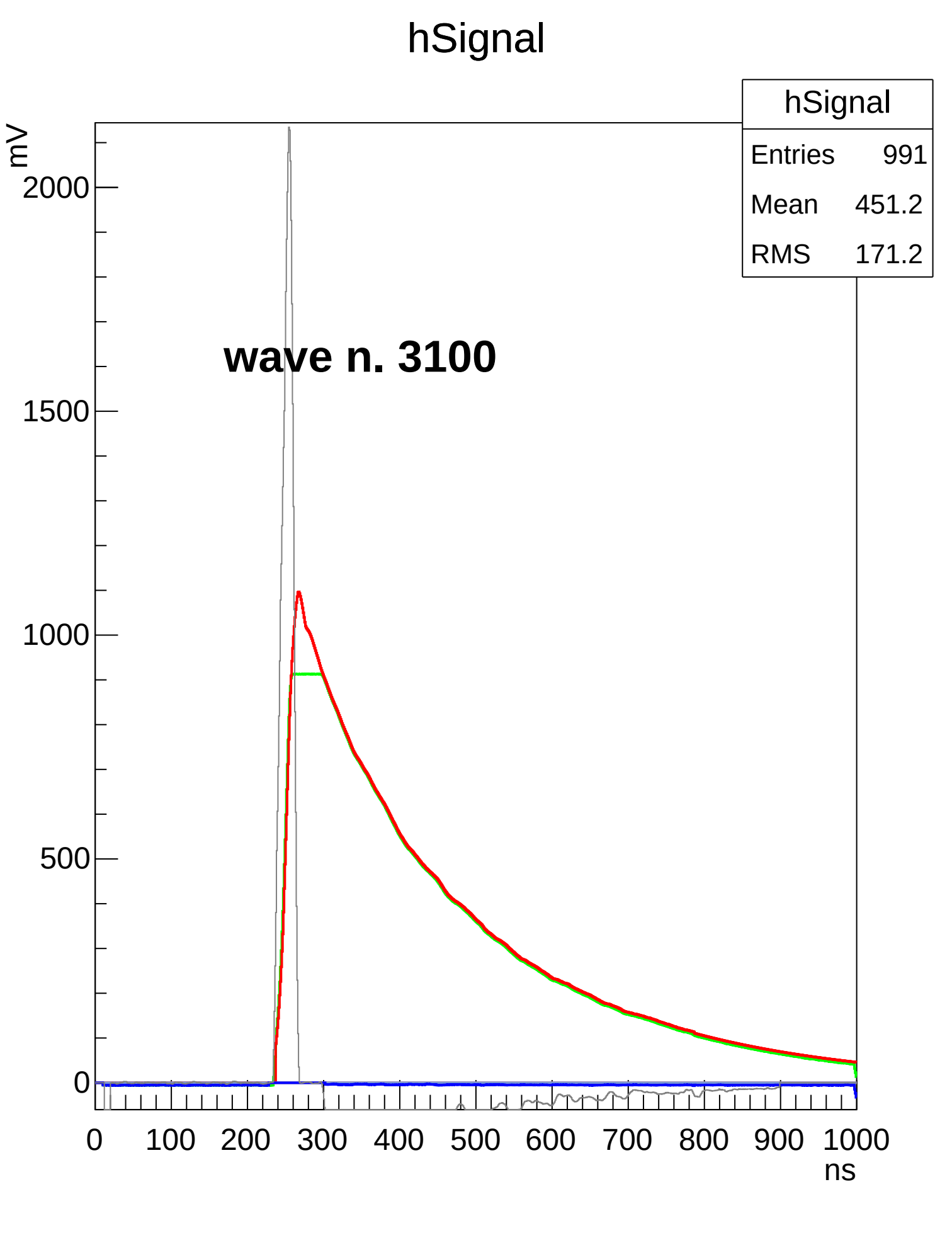
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 479.5
RMS 180.4
wave n. 3098
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 490.2
RMS 166.3
wave n. 3099
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 451.2
RMS 171.2
wave n. 3100
mV
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1500
1000
500
0
0
100
200
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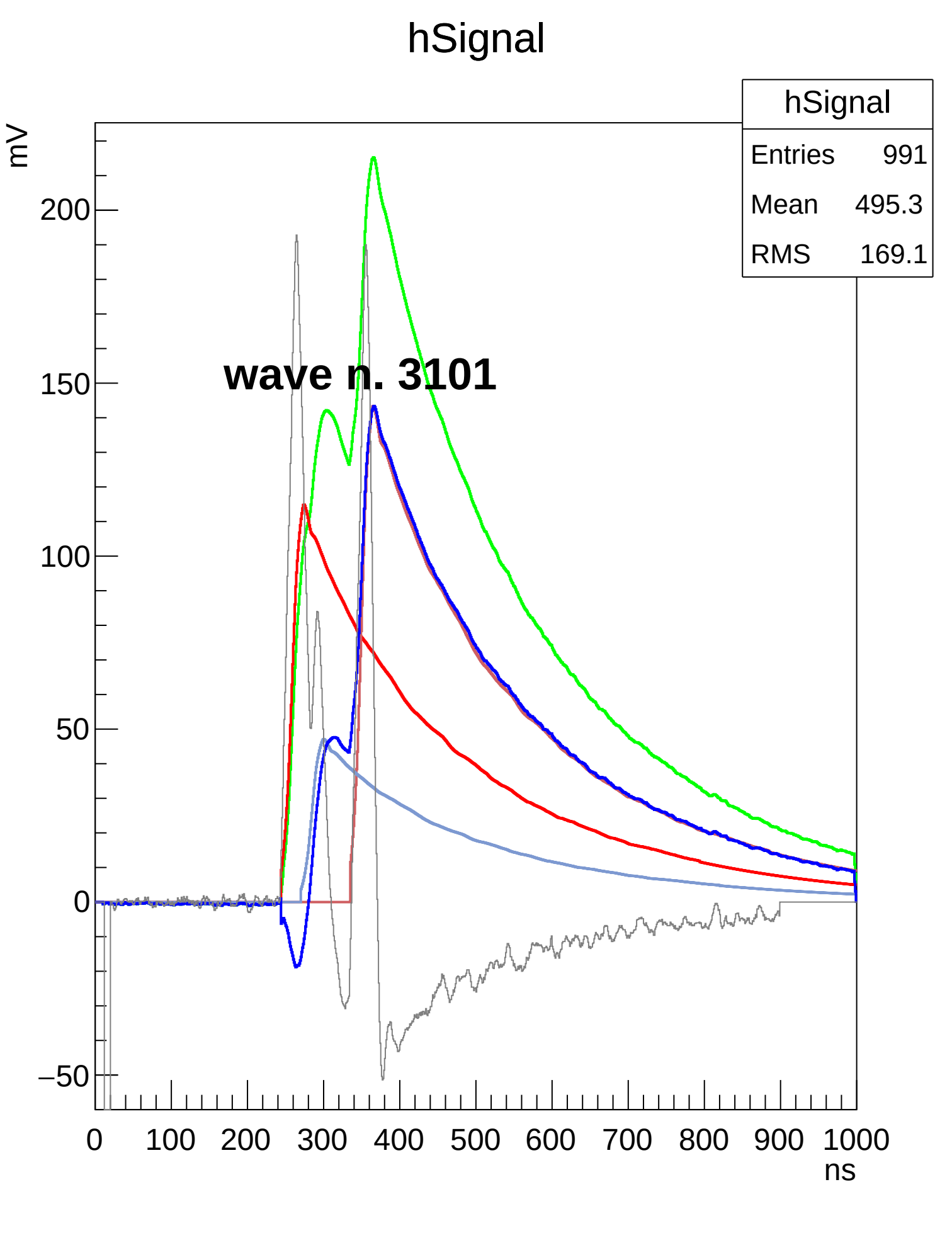
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 495.3
RMS 169.1
wave n. 3101
mV
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100
50
0
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0
100
200
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400
500
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800
900
1000
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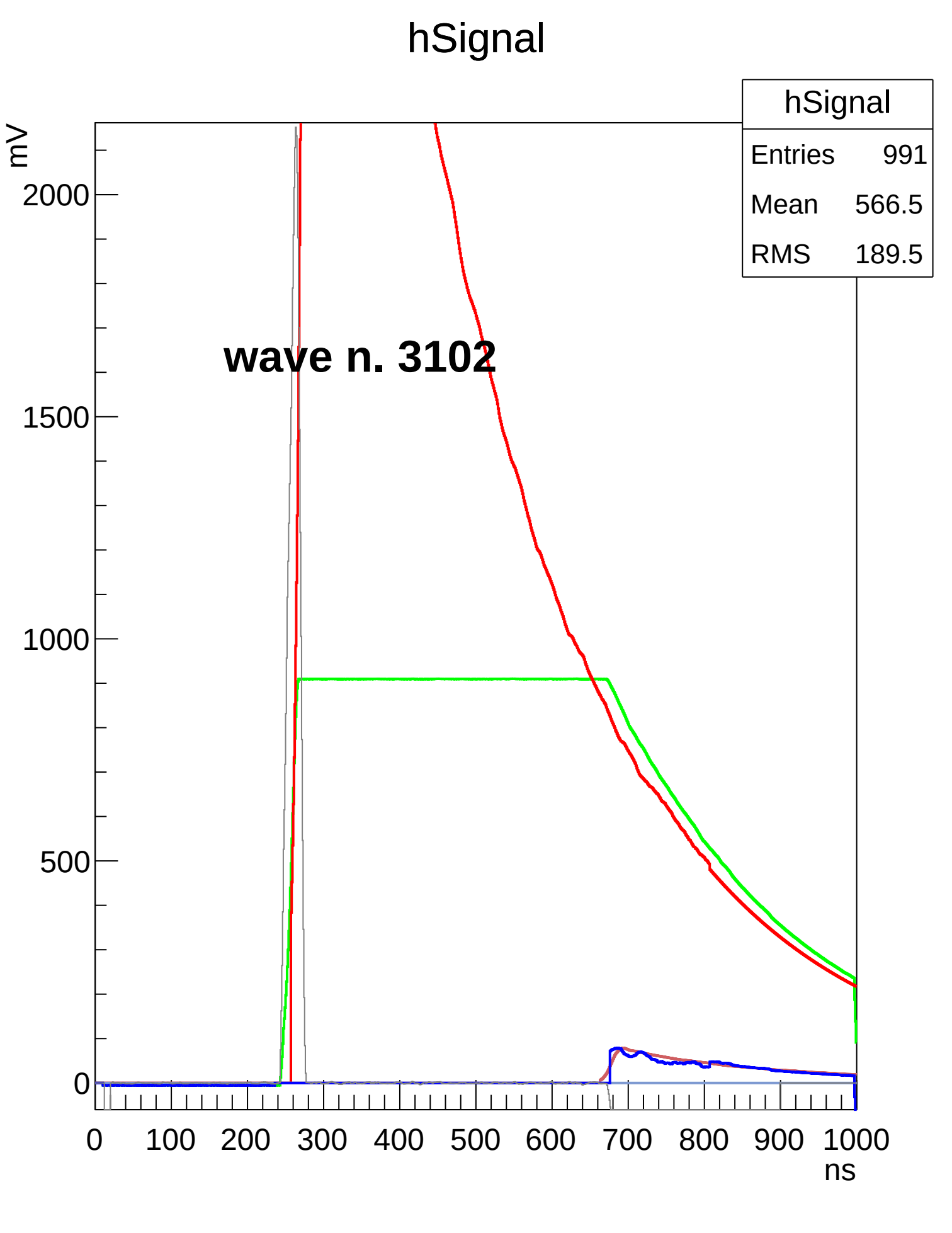
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hSignal
Entries 991
Mean 566.5
RMS 189.5
wave n. 3102
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1000
500
0
0
100
200
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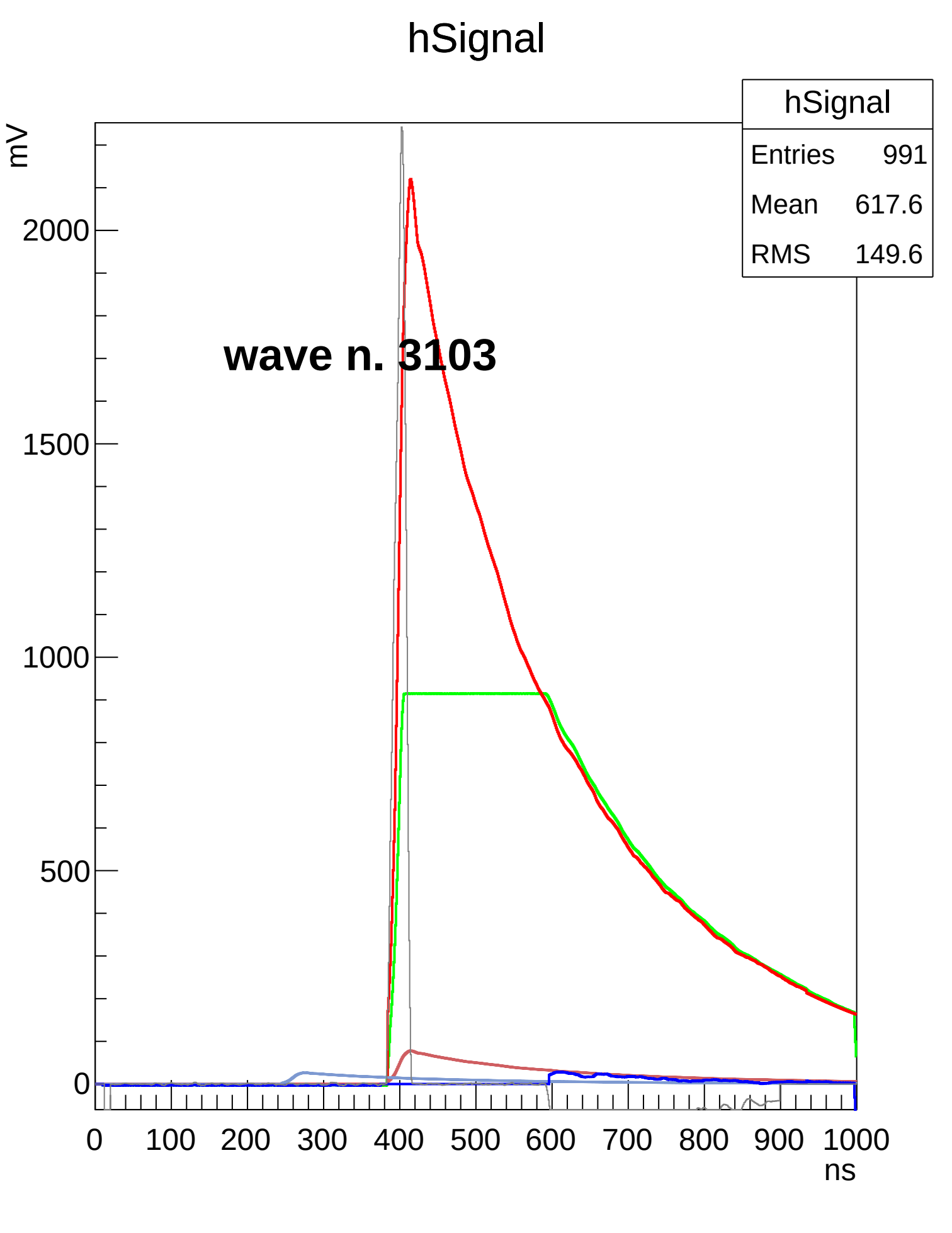
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 617.6
RMS 149.6
wave n. 3103
mV
2000
1500
1000
500
0
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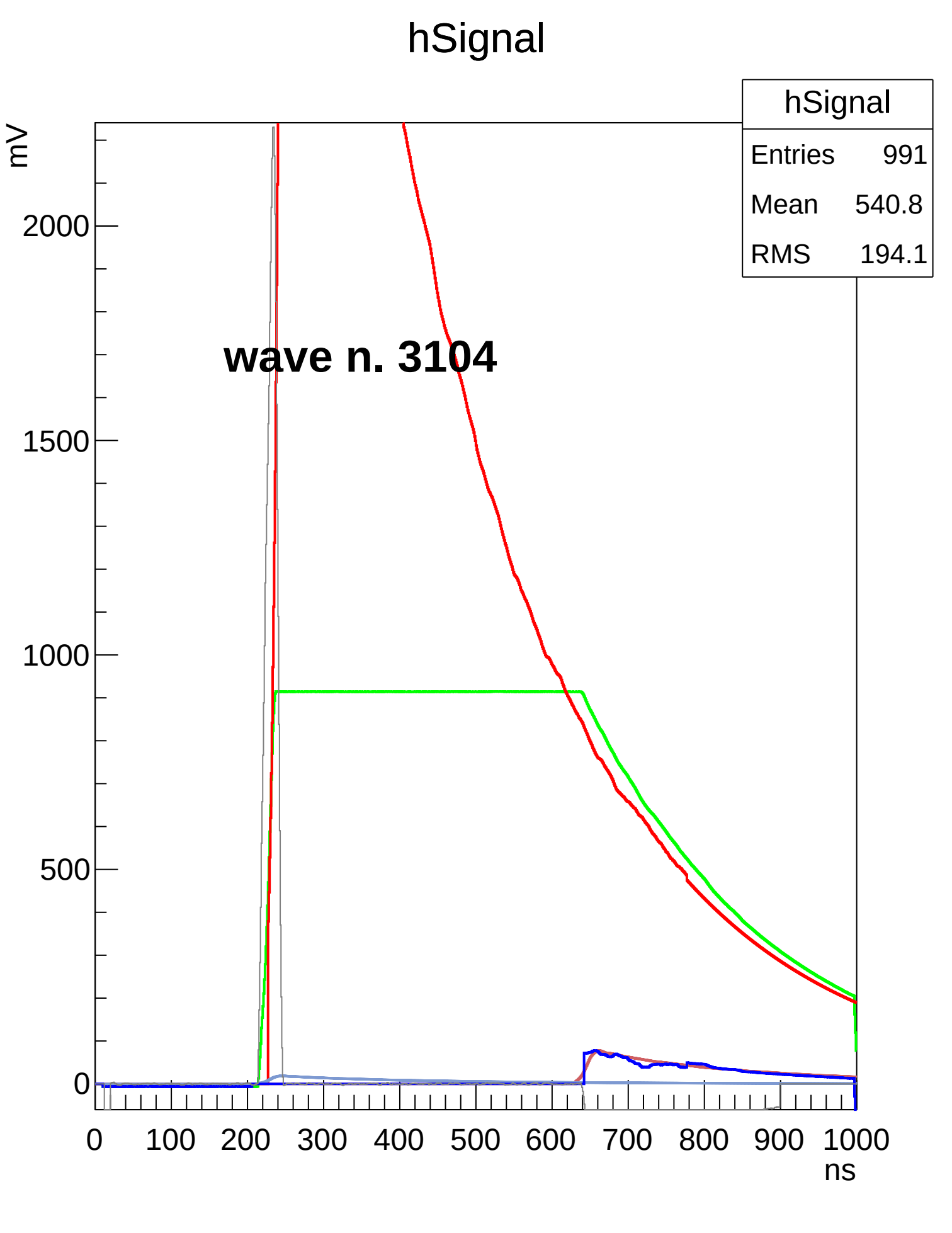
ns


hSignal
hSignal
Entries 991
Mean 540.8
RMS 194.1
wave n. 3104
mV
2000
1500
1000
500
0
0
100
200
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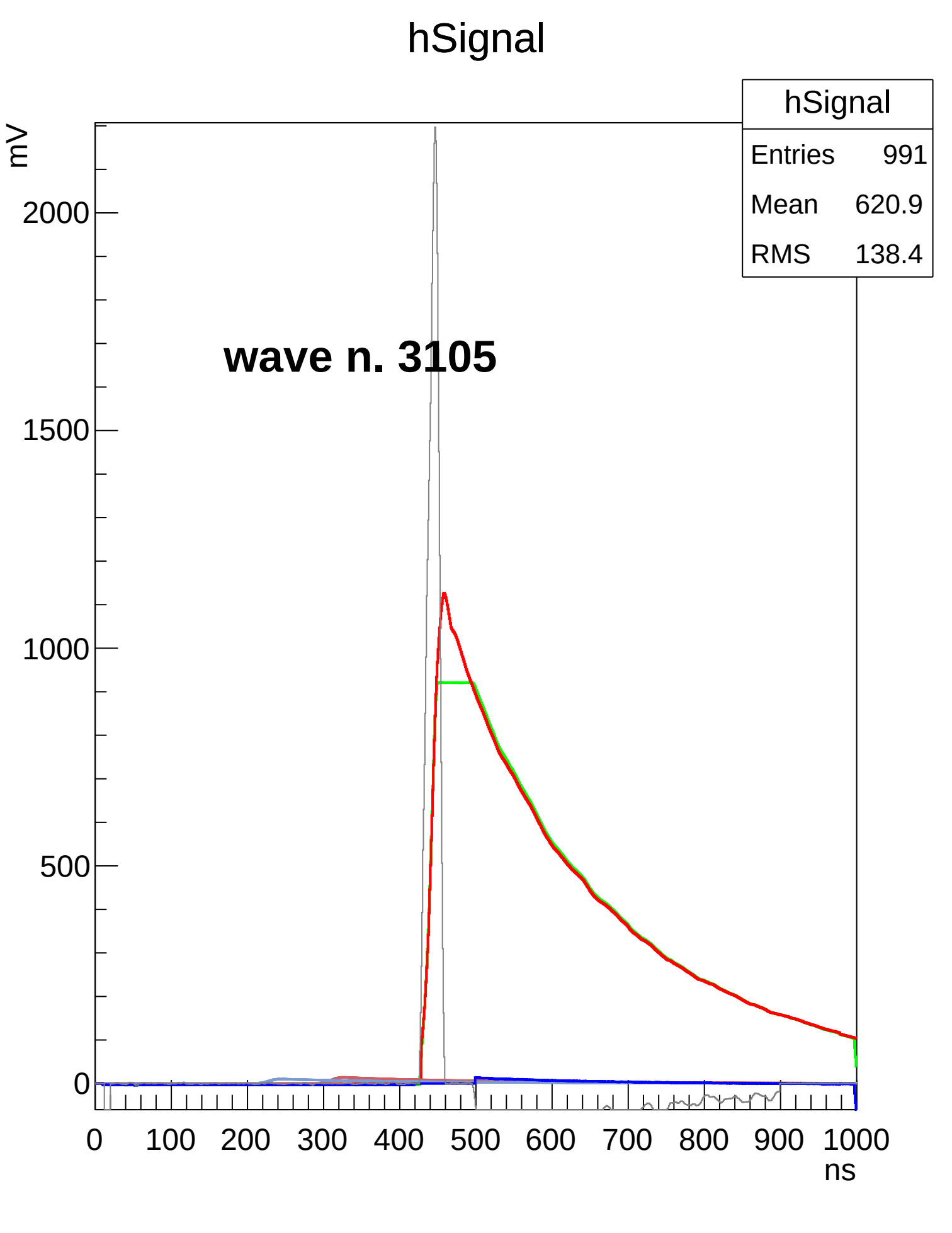
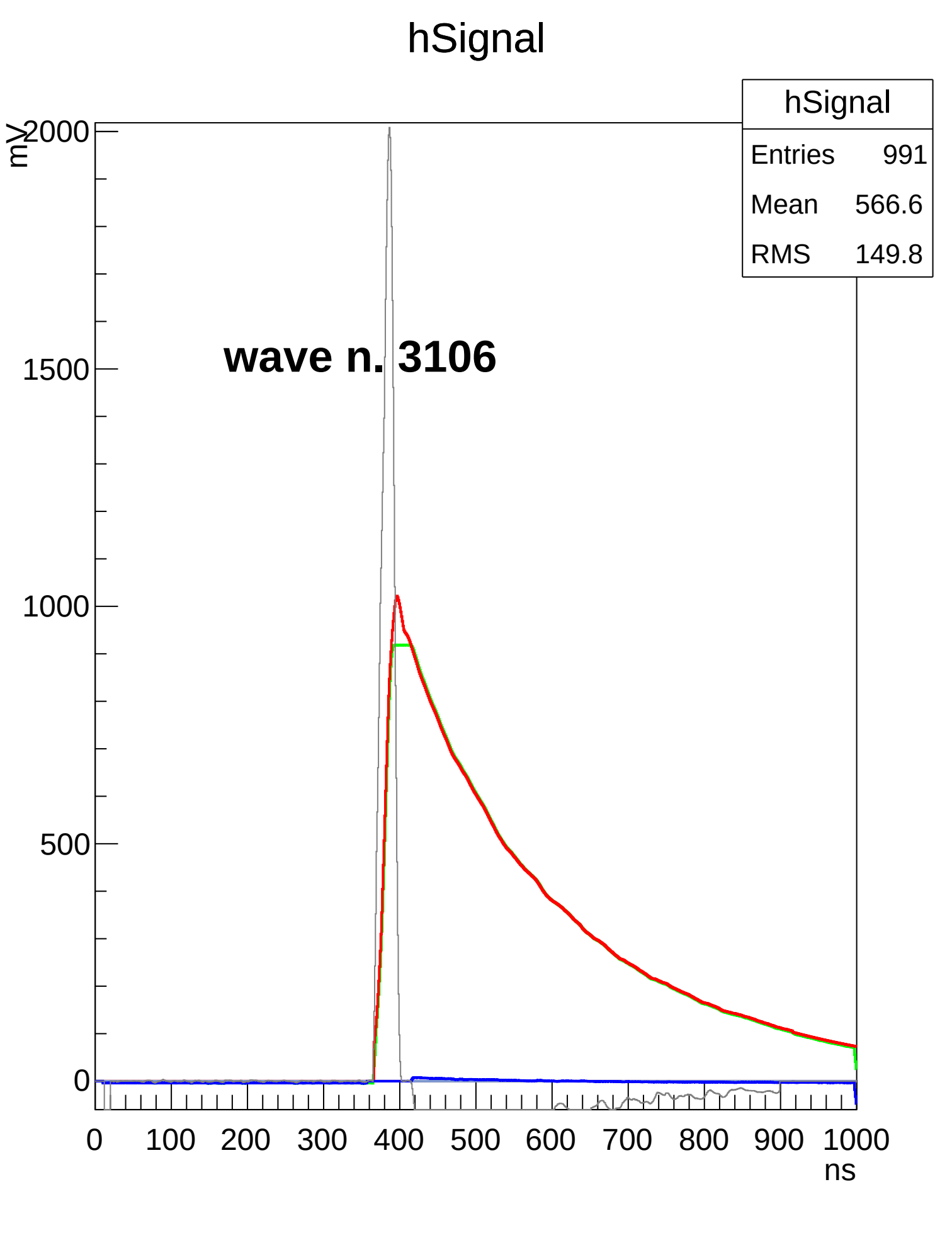
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 620.9
RMS 138.4
wave n. 3105
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 566.6
RMS 149.8
wave n. 3106
mV
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1000
500
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0
100
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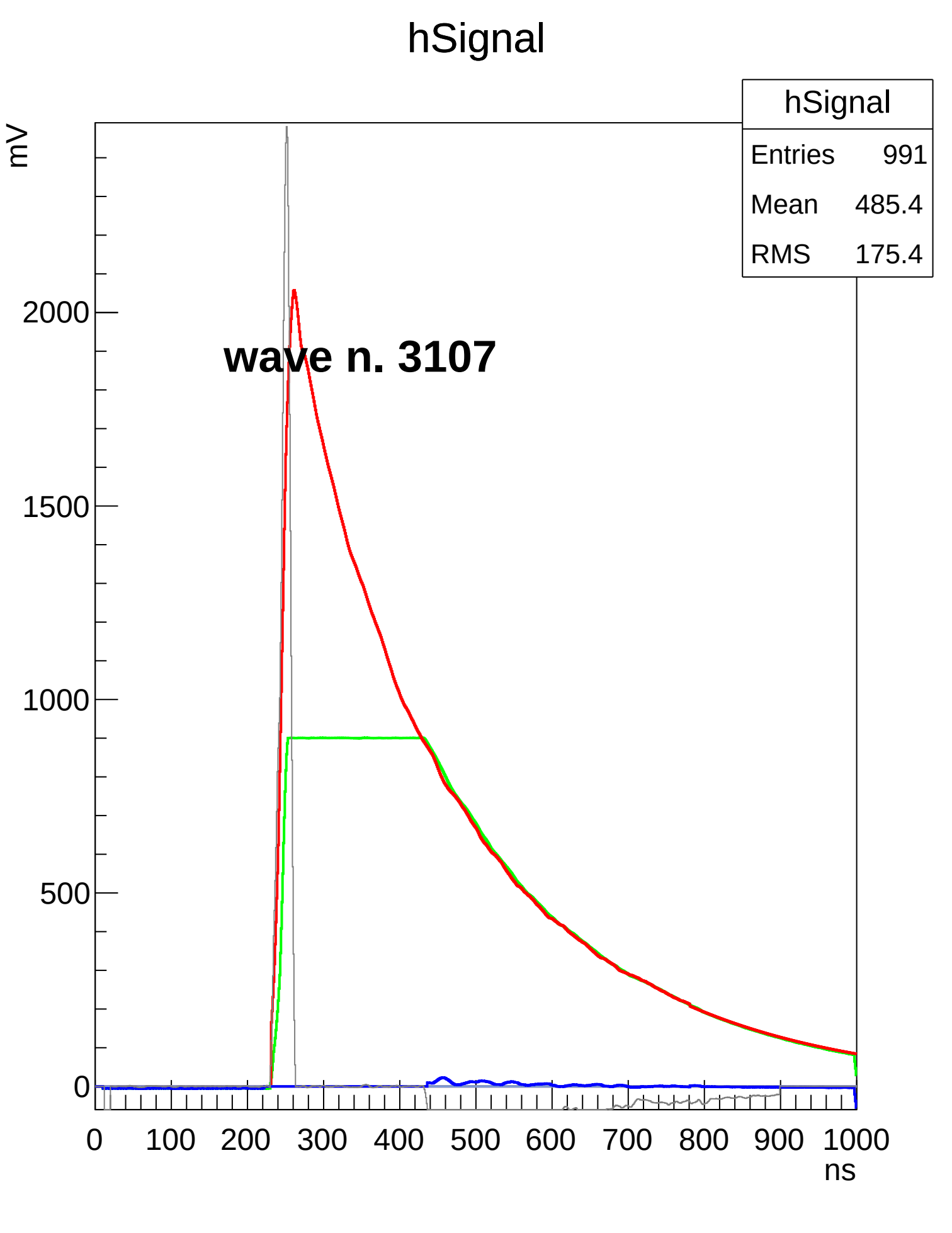
800
900
1000
ns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hSignal
Entries 991
Mean 485.4
RMS 175.4
wave n. 3107
mV
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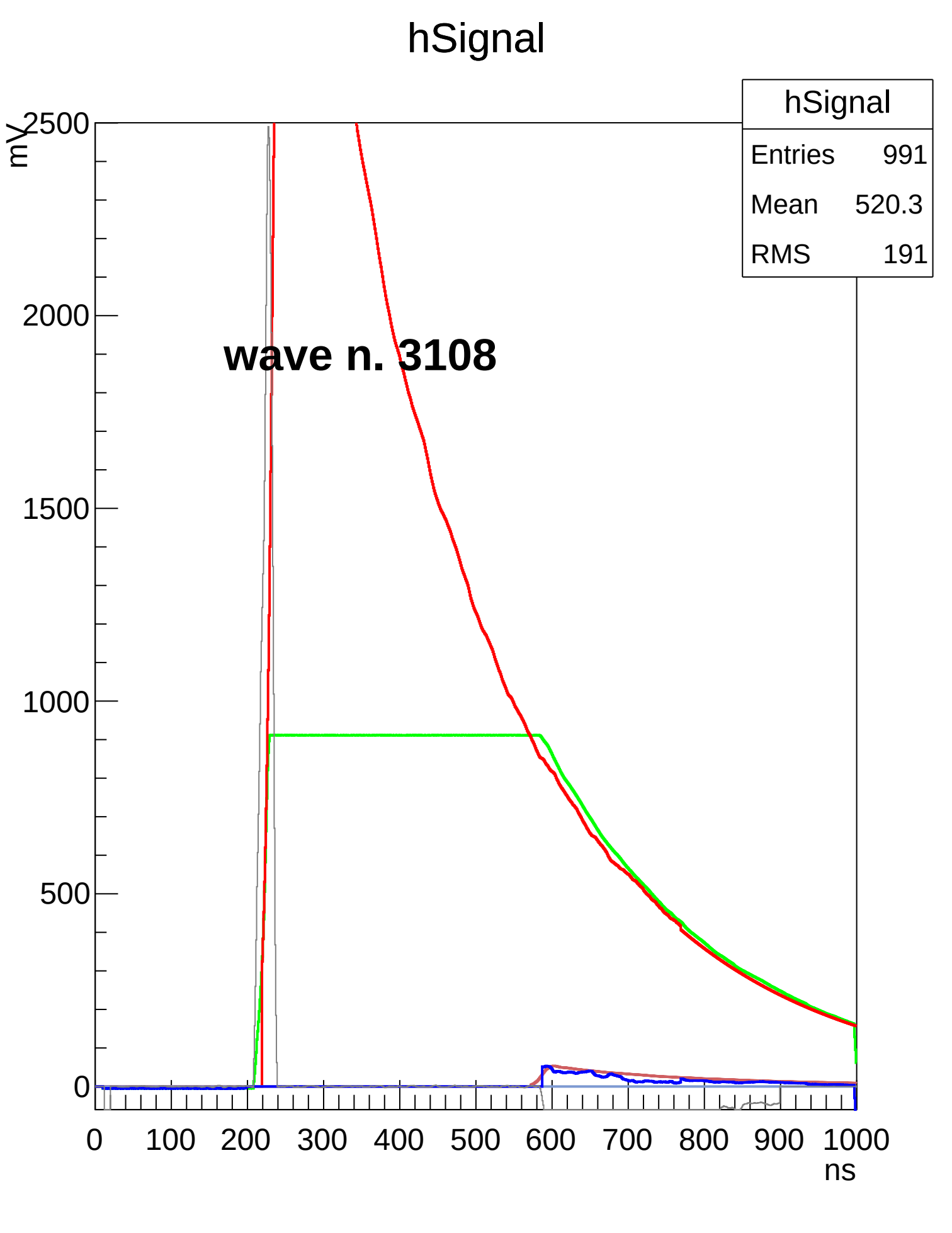
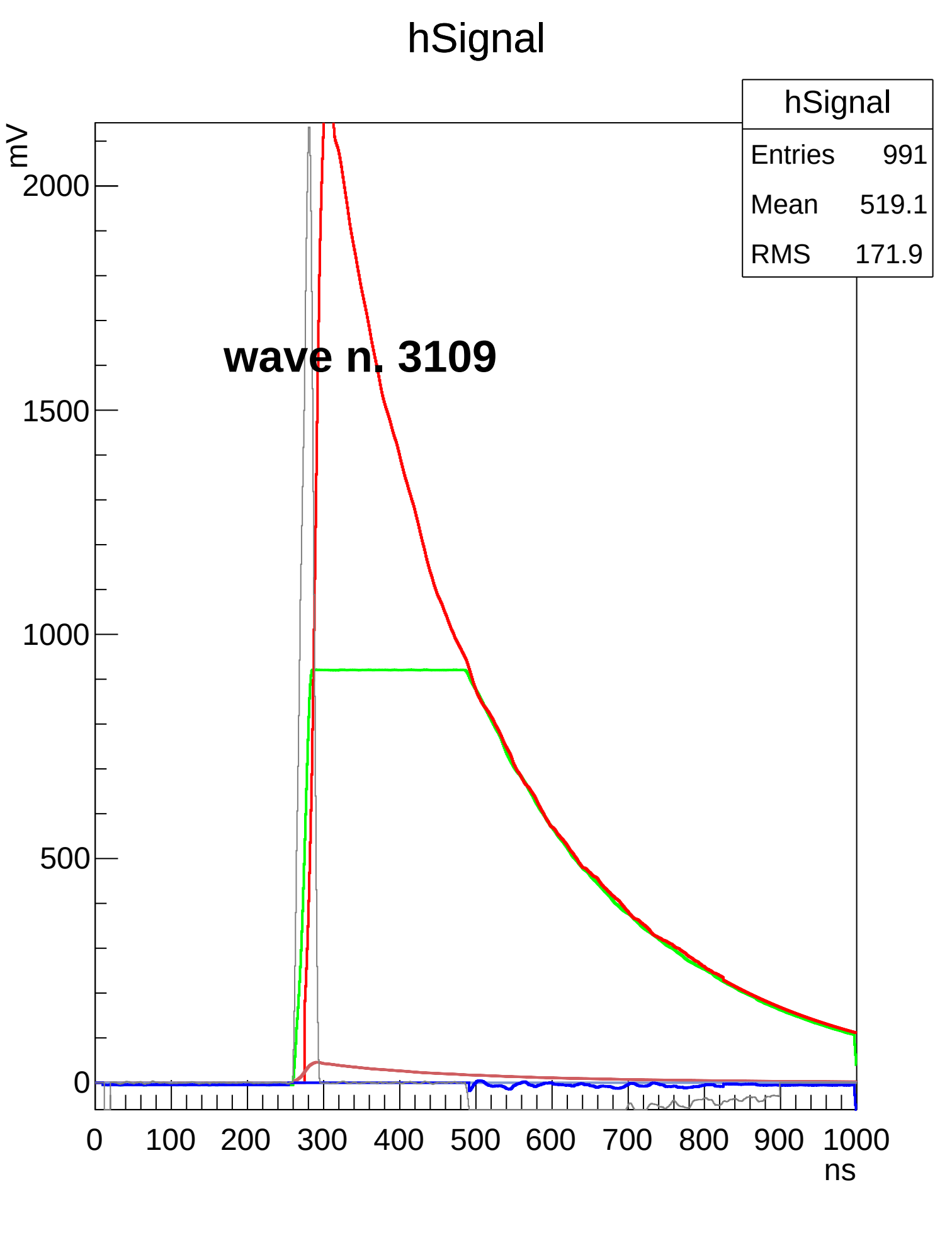
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 520.3
RMS 191
wave n. 3108
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.1
RMS 171.9
wave n. 3109
mV
2000
1500
1000
500
0
0
100
200
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400
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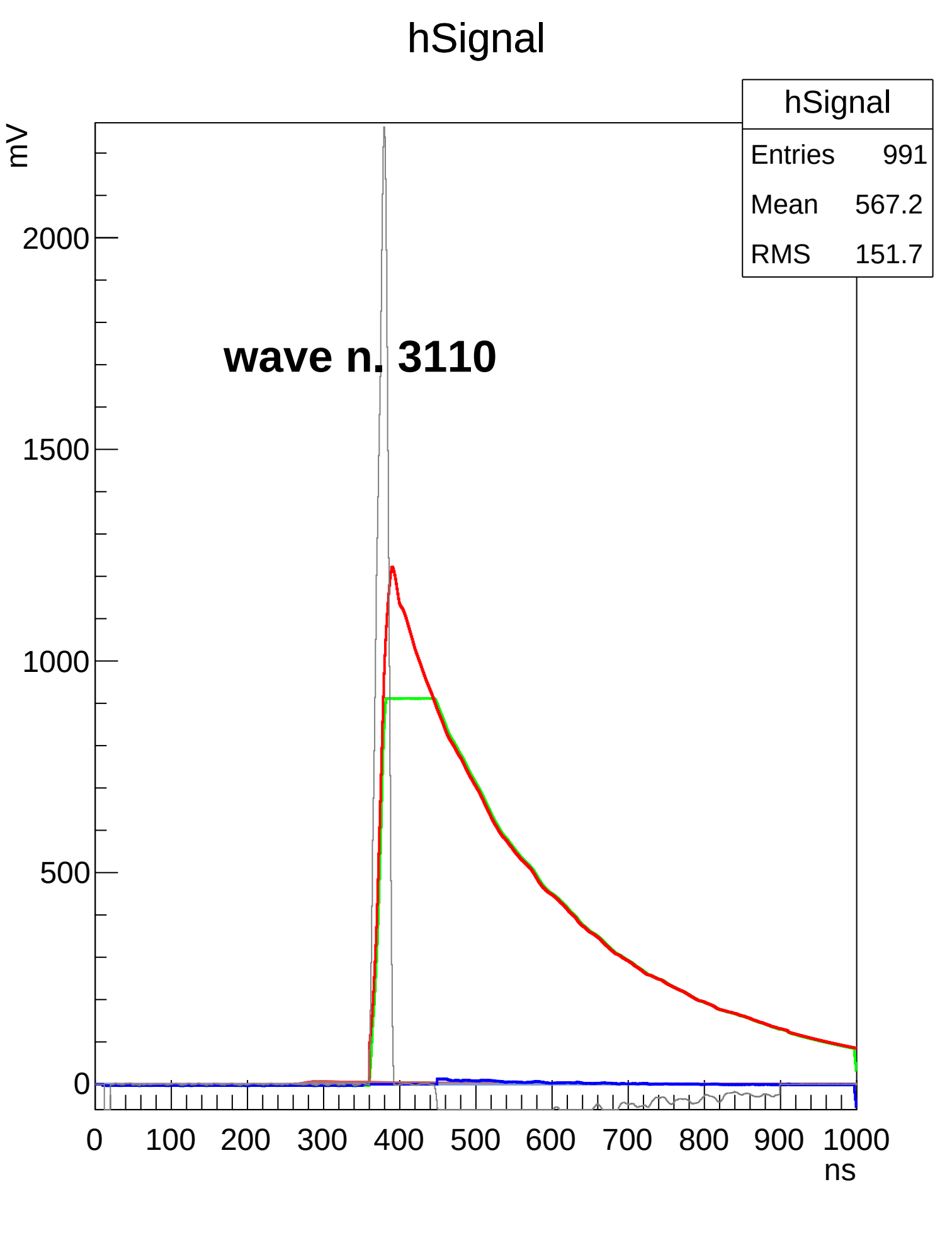
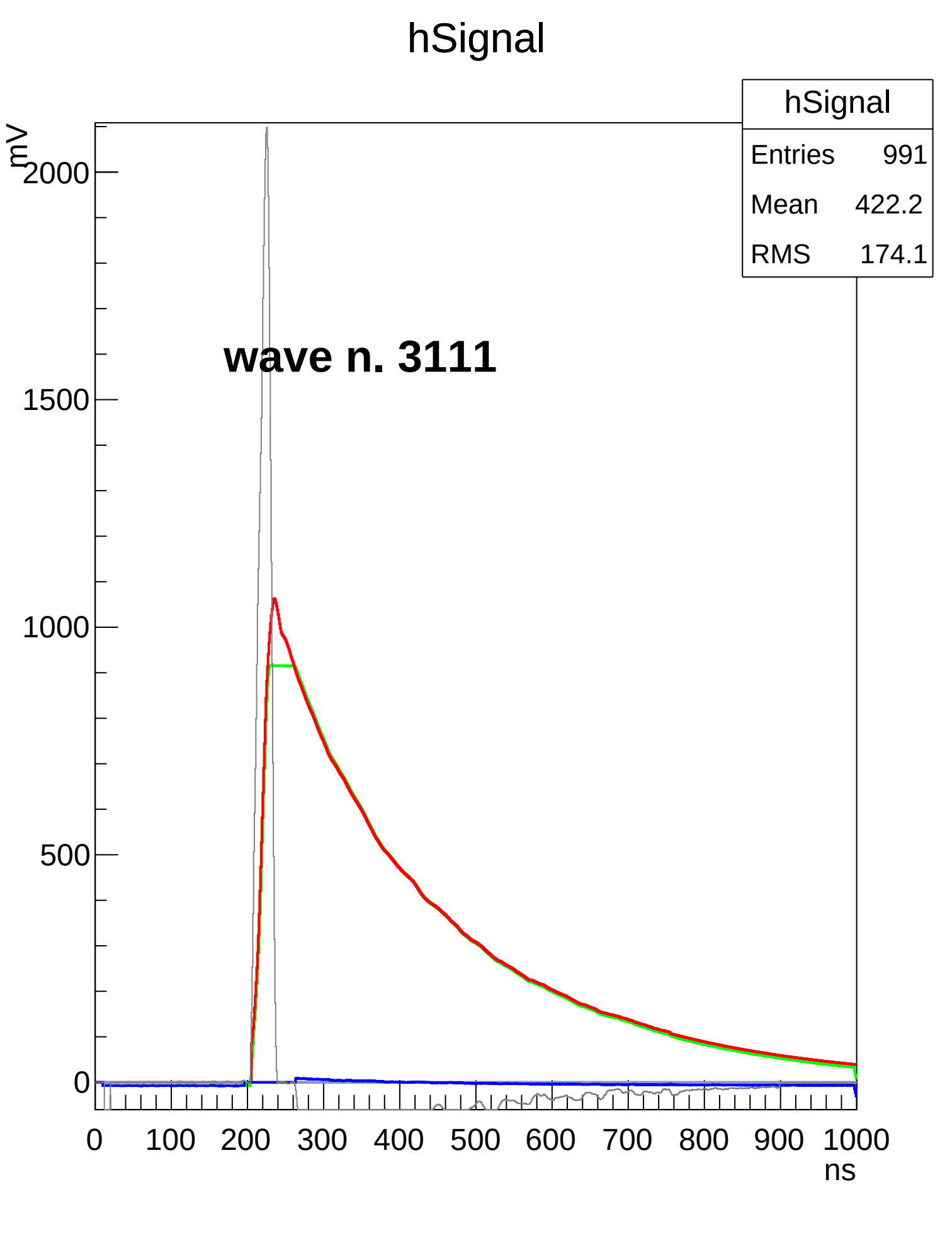
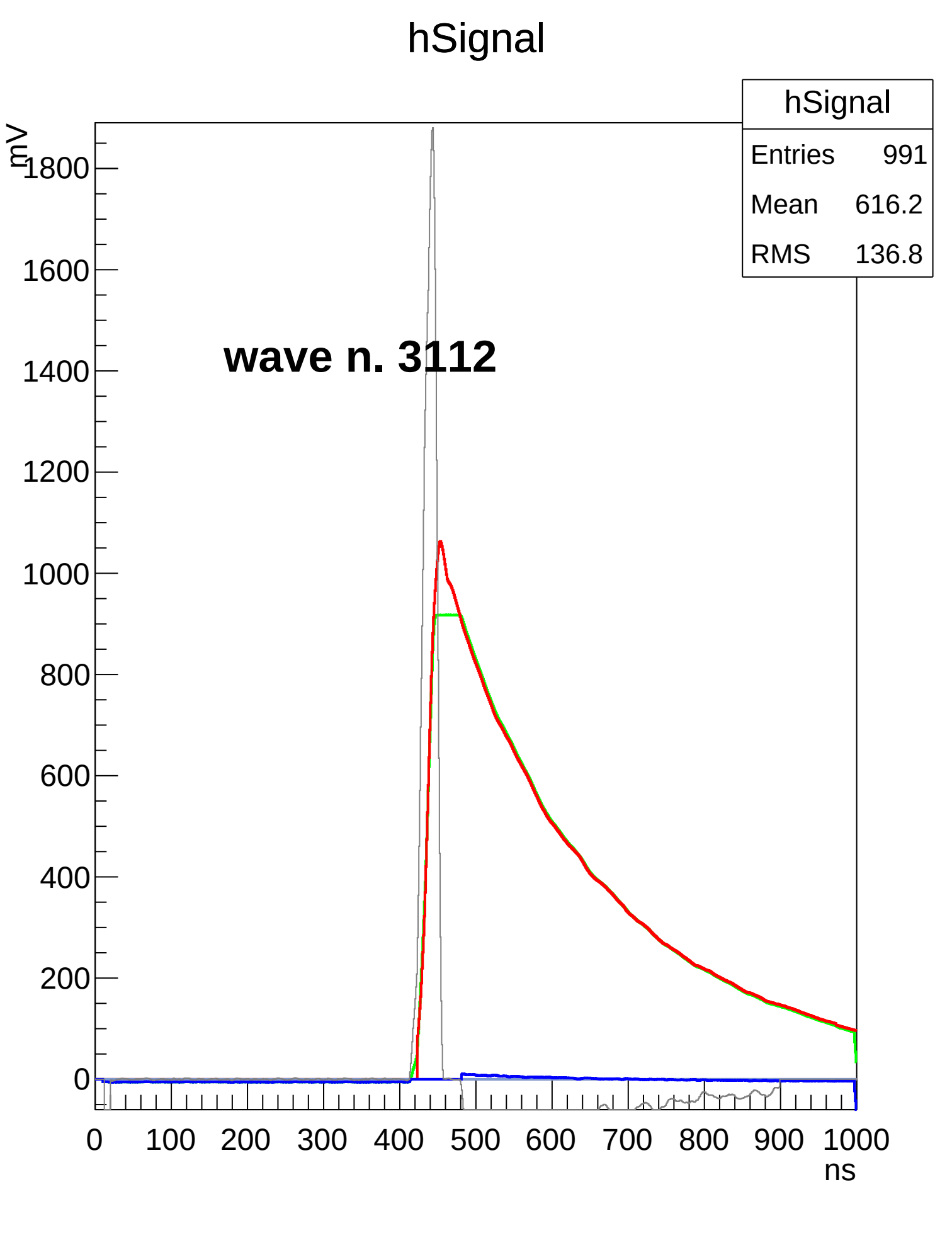
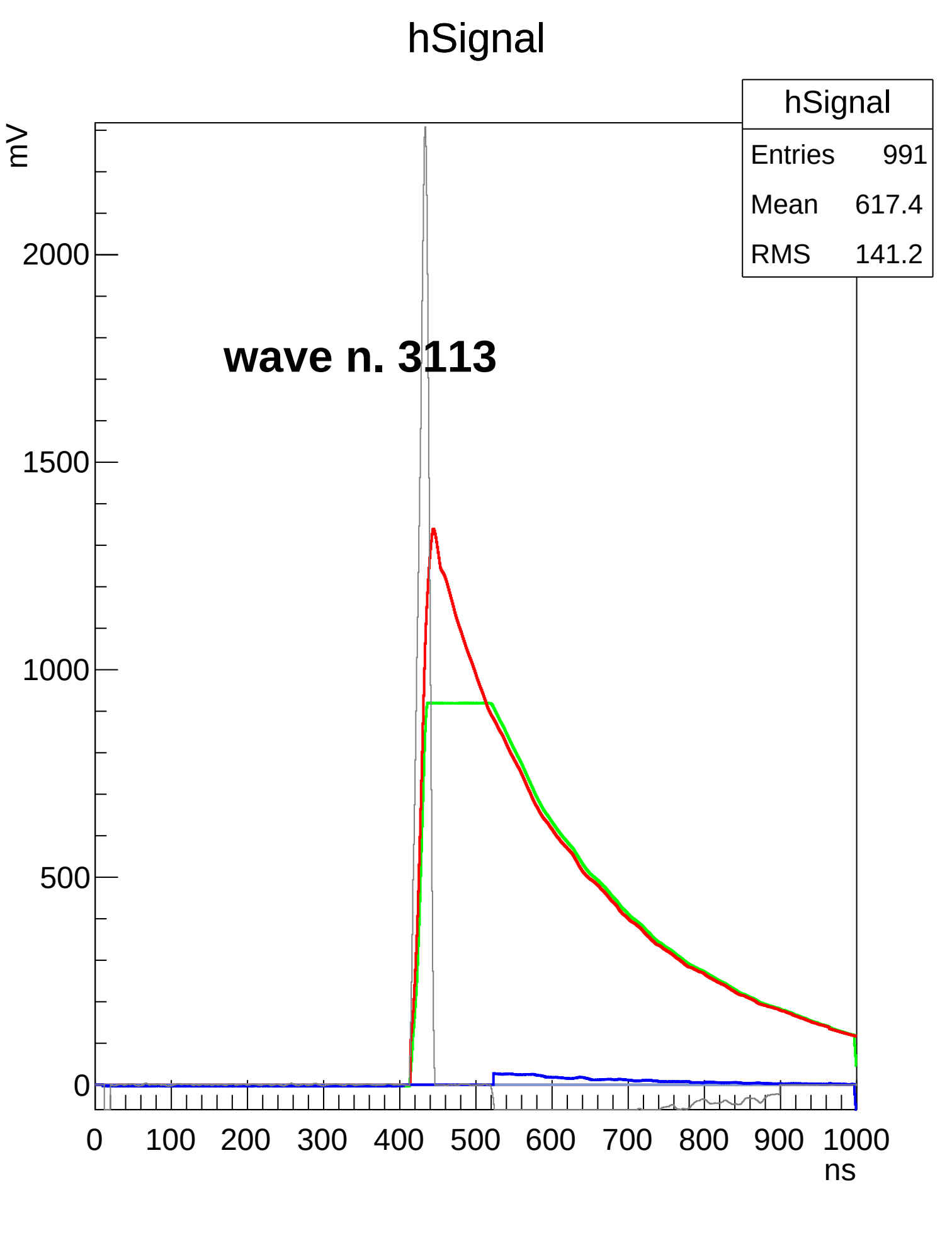
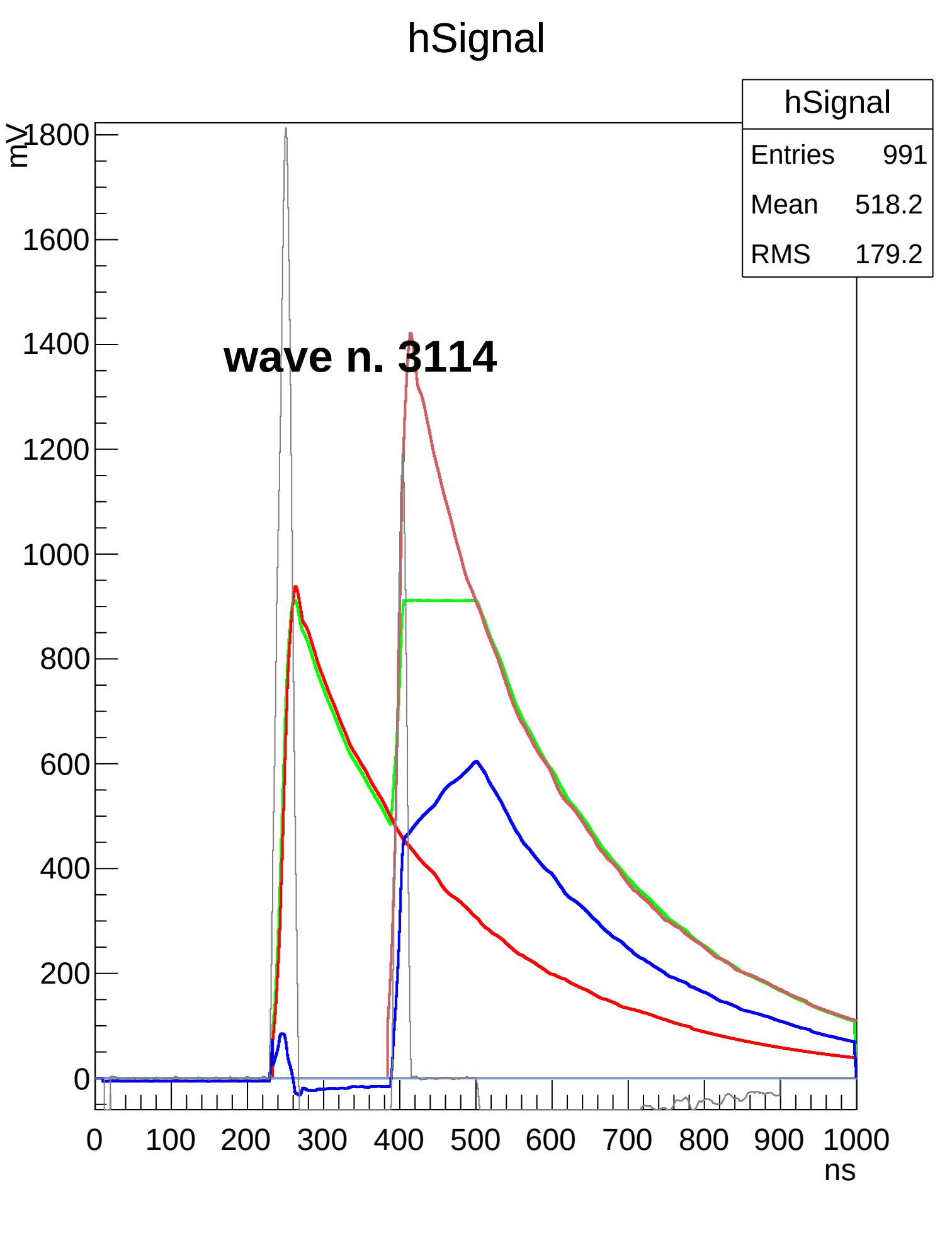
700
800
900
1000
ns

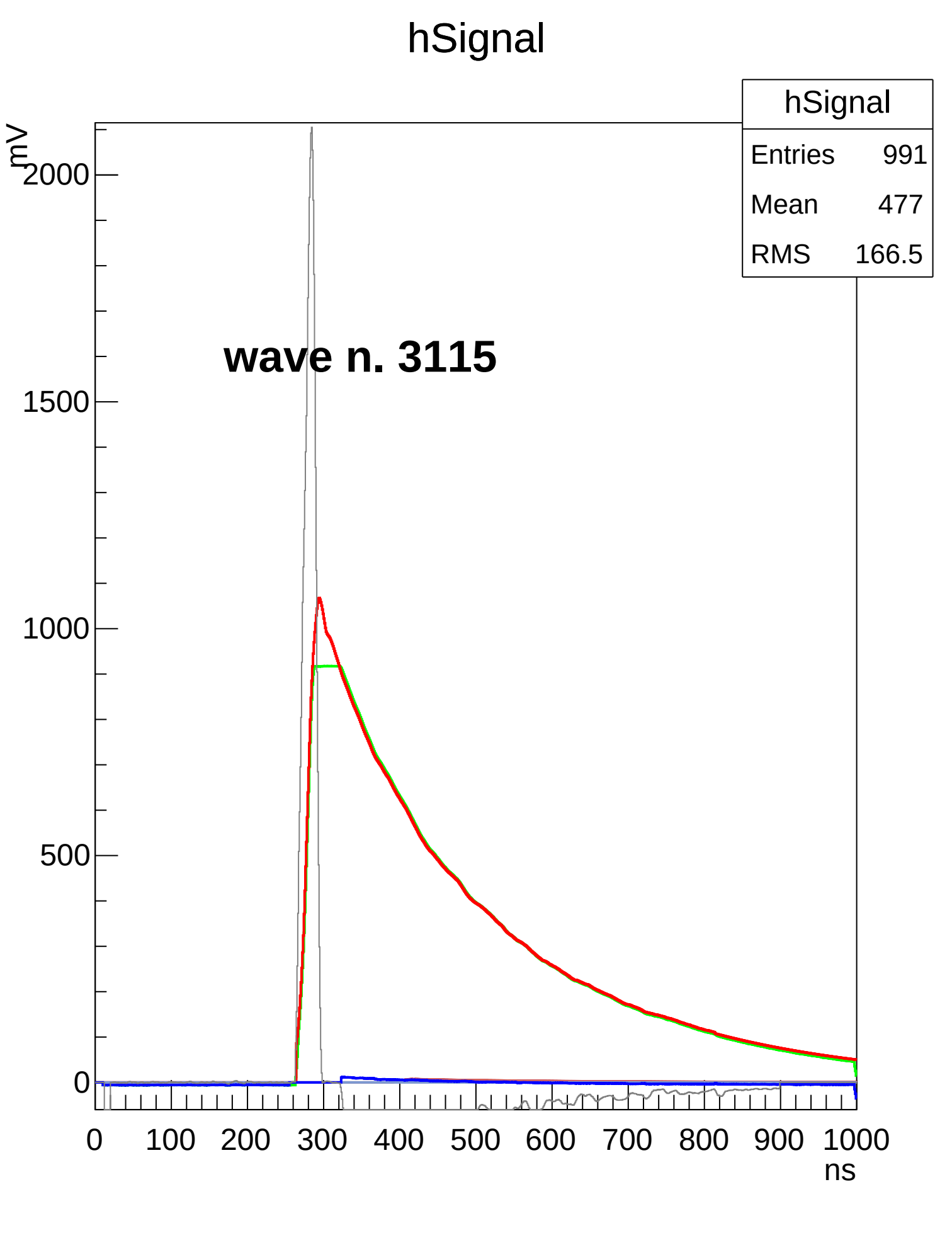

hSignal
hSignal
Entries 991
Mean 567.2
RMS 151.7
wave n. 3110
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 422.2
RMS 174.1
wave n. 3111
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 616.2
RMS 136.8
wave n. 3112
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 617.4
RMS 141.2
wave n. 3113
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 518.2
RMS 179.2
wave n. 3114
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 477
RMS 166.5
wave n. 3115
mV
2000
1500
1000
500
0
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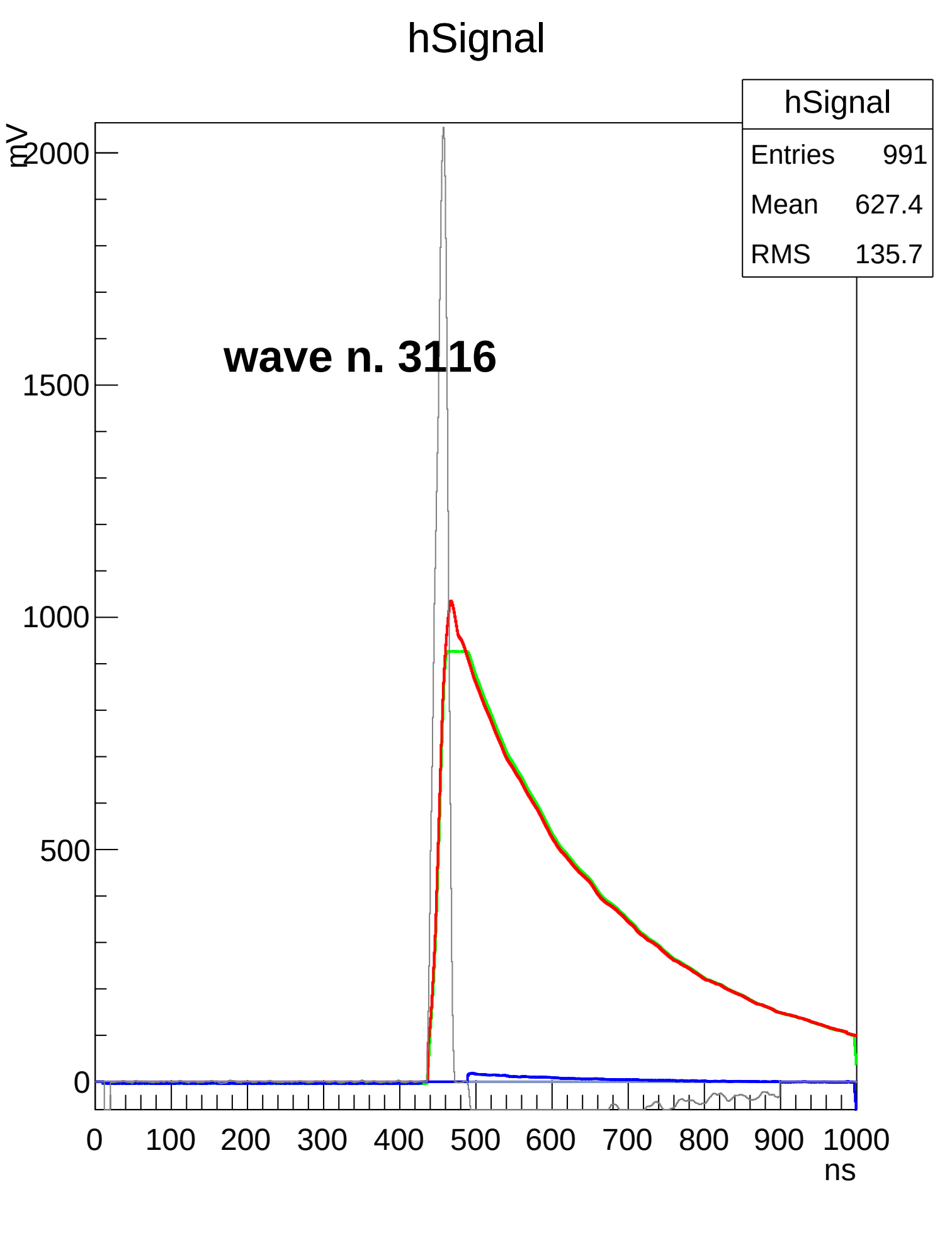
ns


hSignal
hSignal
Entries 991
Mean 627.4
RMS 135.7
wave n. 3116
mV
2000
1500
1000
500
0
0
100
200
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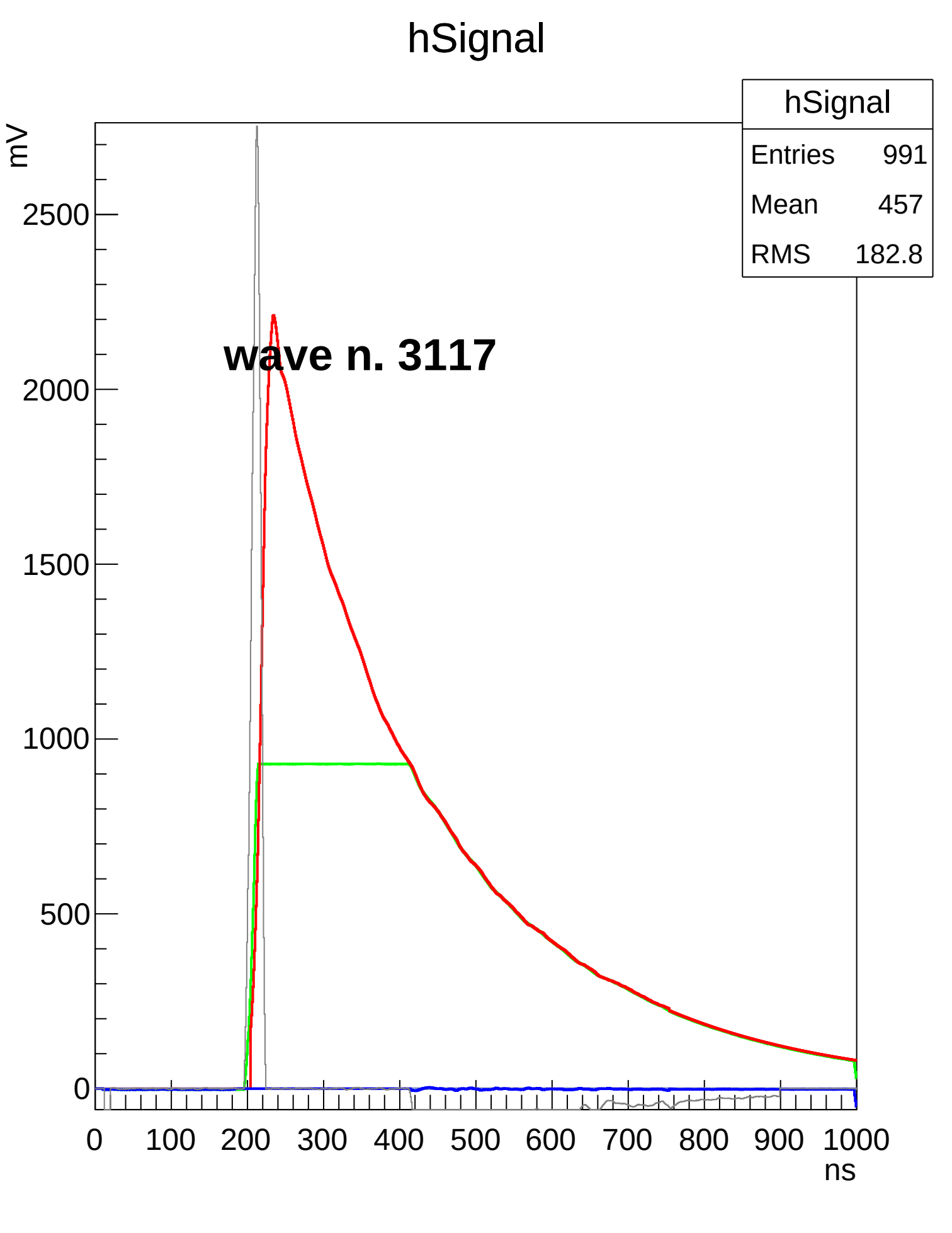
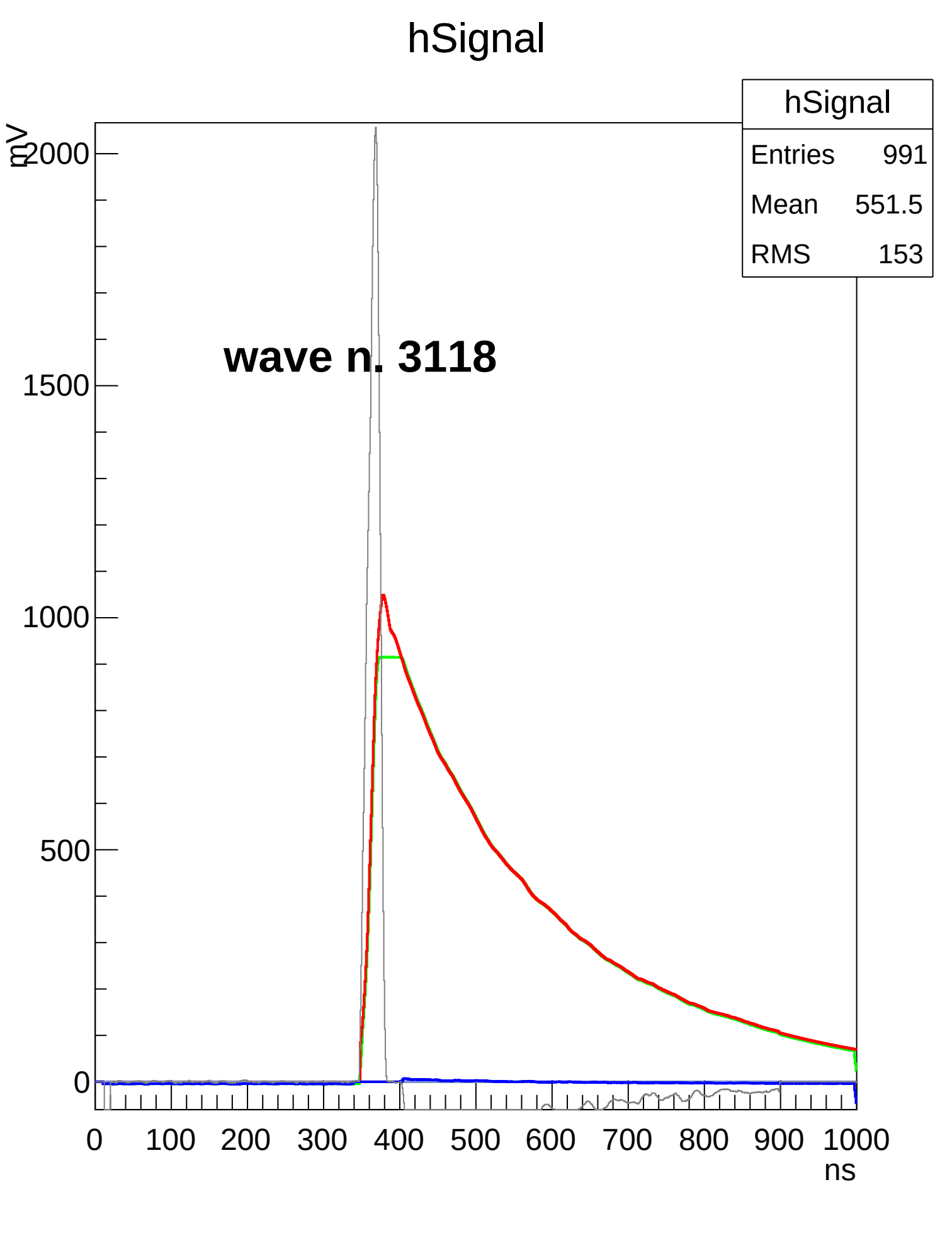
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 457
RMS 182.8
wave n. 3117
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 551.5
RMS 153
wave n. 3118
mV
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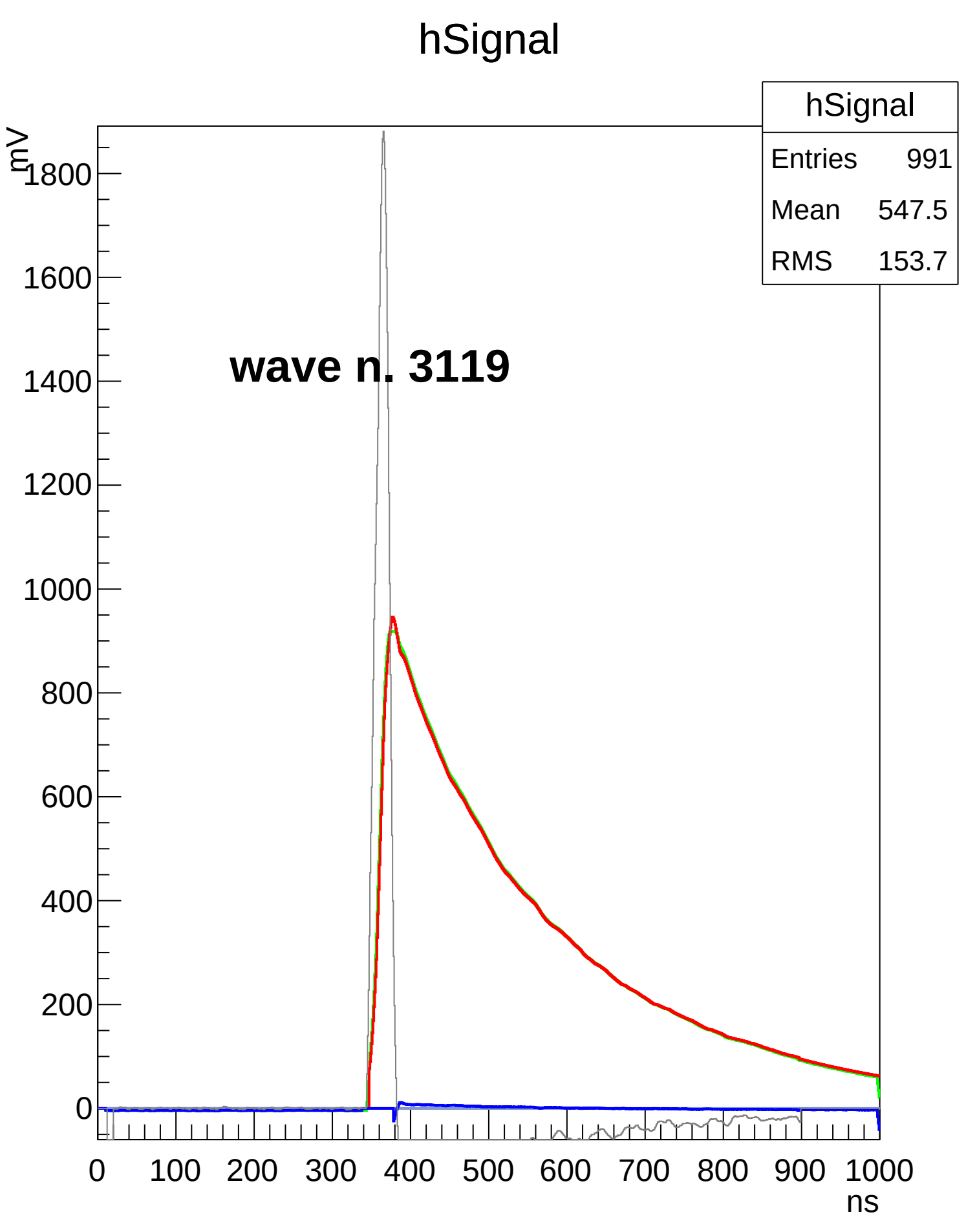
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547.5
RMS 153.7
wave n. 3119
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
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600
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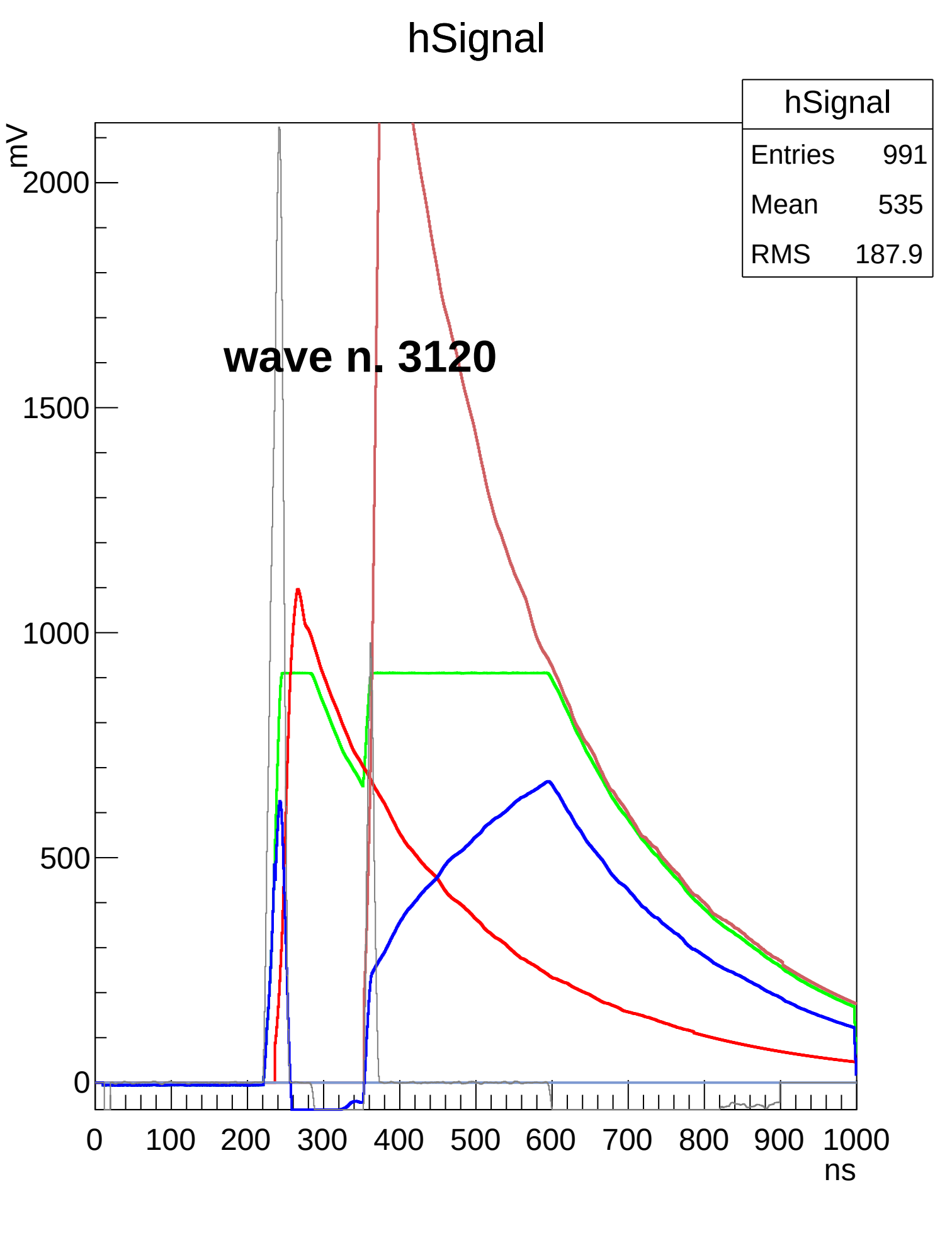
800
900
1000
ns


hSignal
hSignal
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Mean 535
RMS 187.9
wave n. 3120
mV
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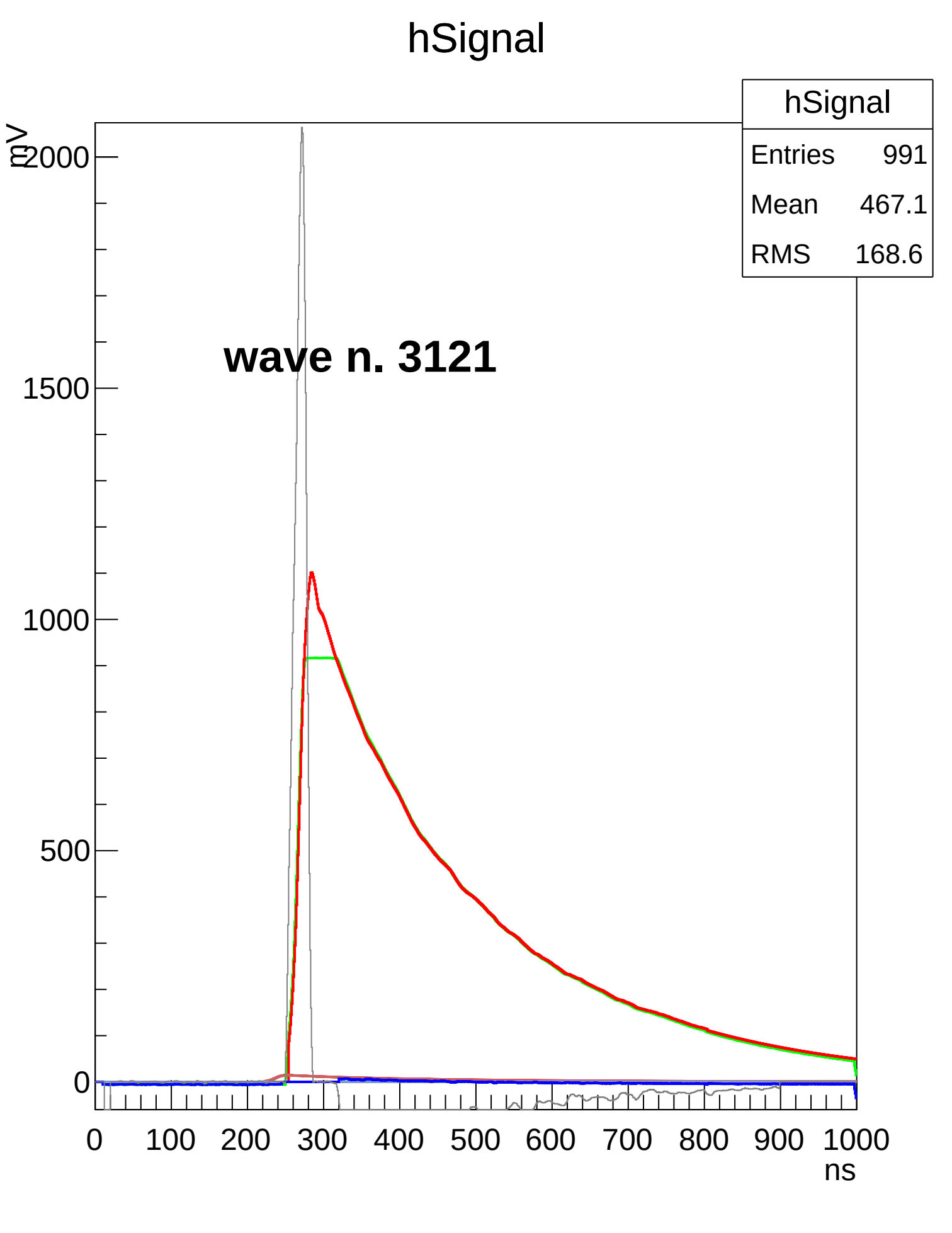
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 467.1
RMS 168.6
wave n. 3121
mV
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1500
1000
500
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0
100
200
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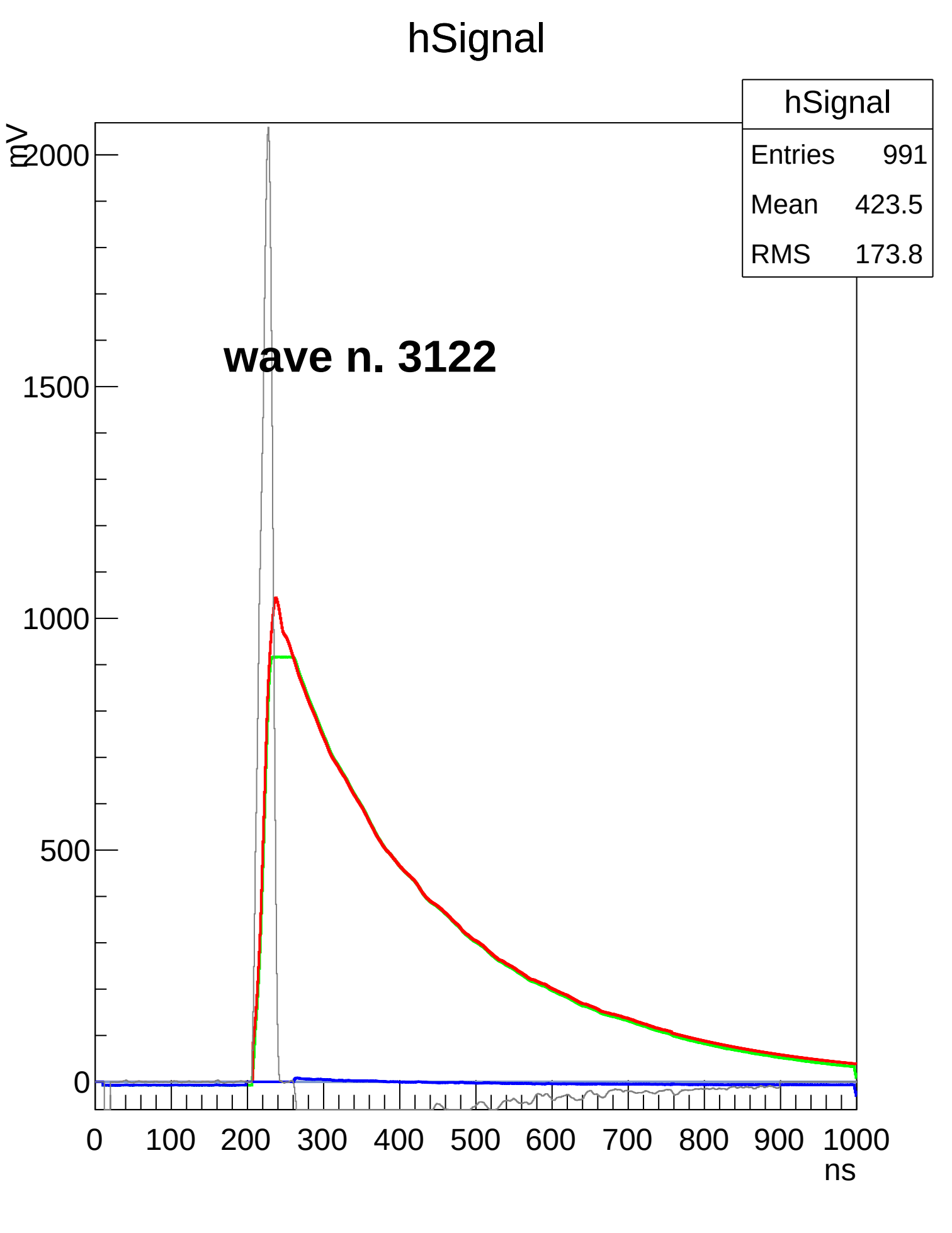
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 423.5
RMS 173.8
wave n. 3122
mV
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800
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1000
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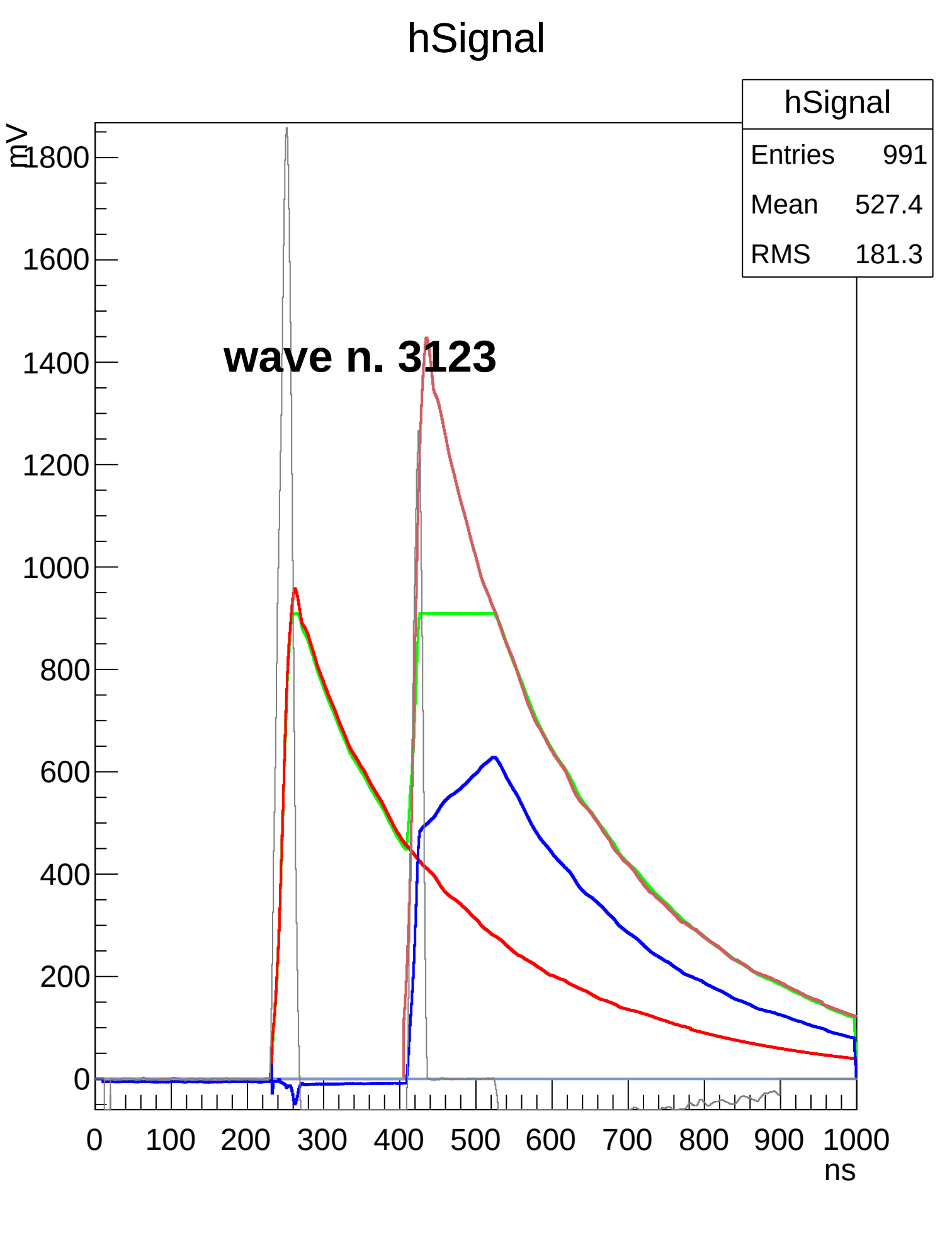
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hSignal
Entries 991
Mean 527.4
RMS 181.3
wave n. 3123
mV
1800
1600
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600
400
200
0
0
100
200
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400
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800
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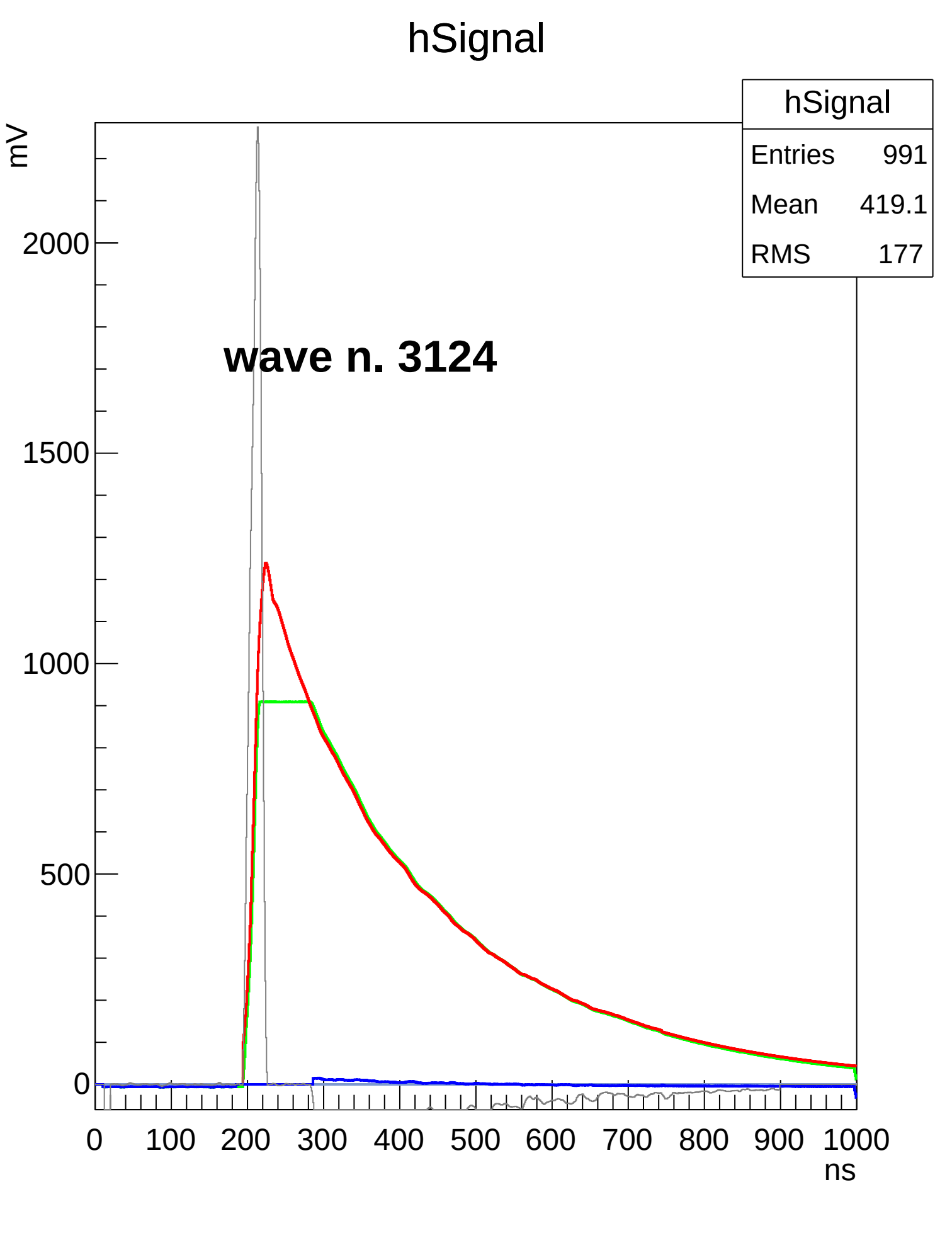
1000
ns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hSignal
Entries 991
Mean 419.1
RMS 177
wave n. 3124
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800
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1000
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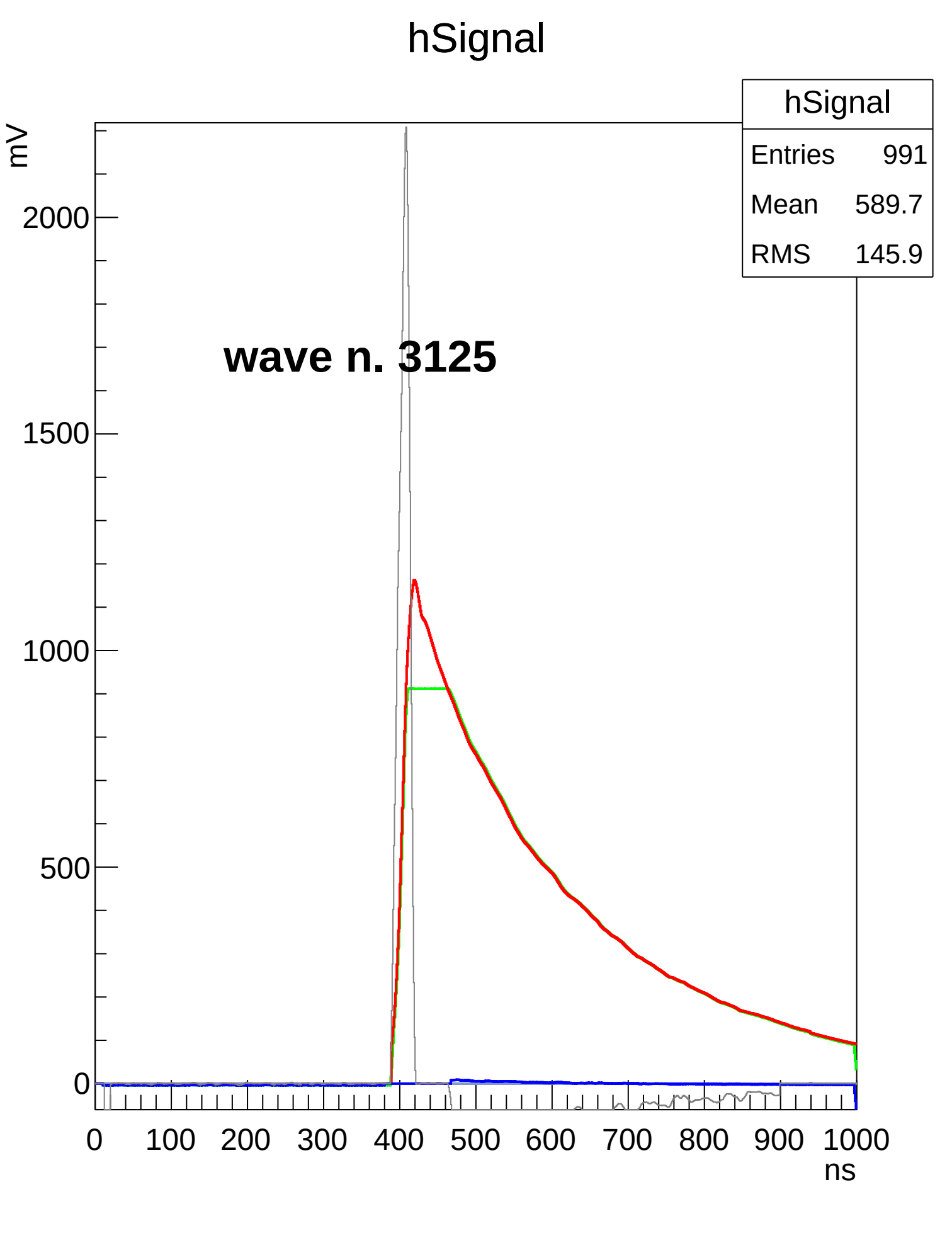
hSignal
hSignal
Entries 991
Mean 589.7
RMS 145.9
wave n. 3125
mV
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1500
1000
500
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0
100
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500
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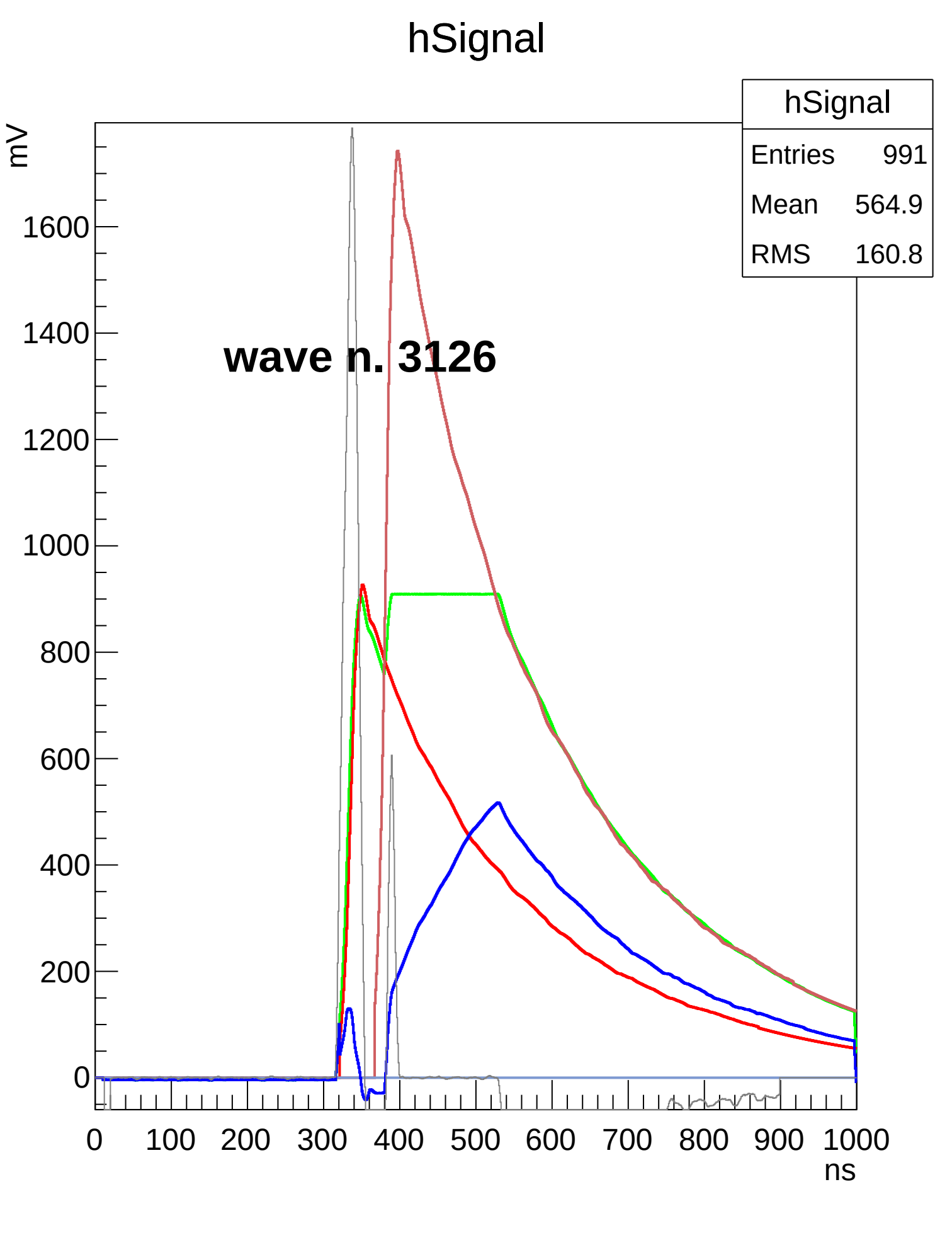
800
900
1000
ns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Entries 991
Mean 564.9
RMS 160.8
wave n. 3126
mV
1600
1400
1200
1000
800
600
400
200
0
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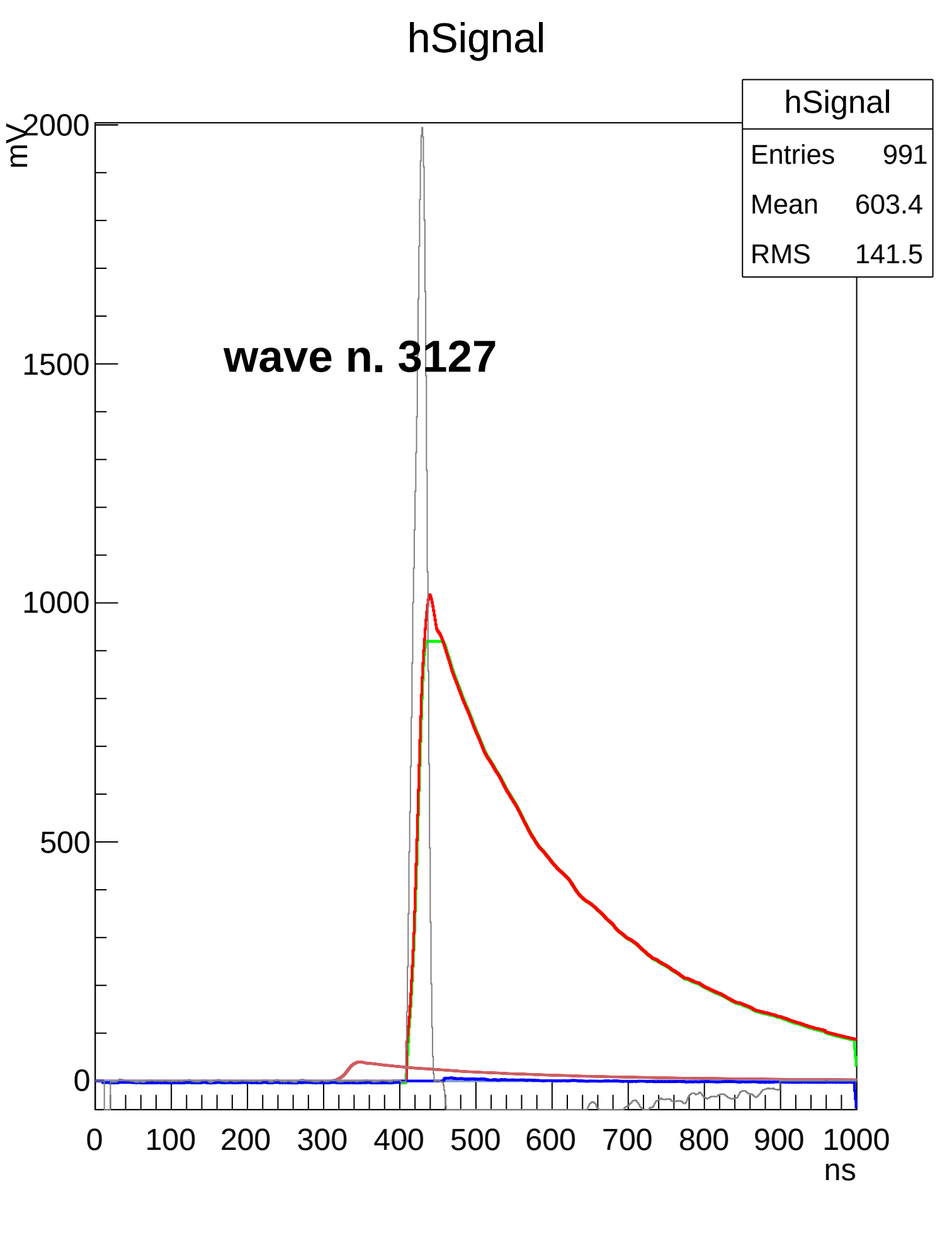
ns


hSignal
hSignal
Entries 991
Mean 603.4
RMS 141.5
wave n. 3127
mV
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1000
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400
500
600
700
800
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1000
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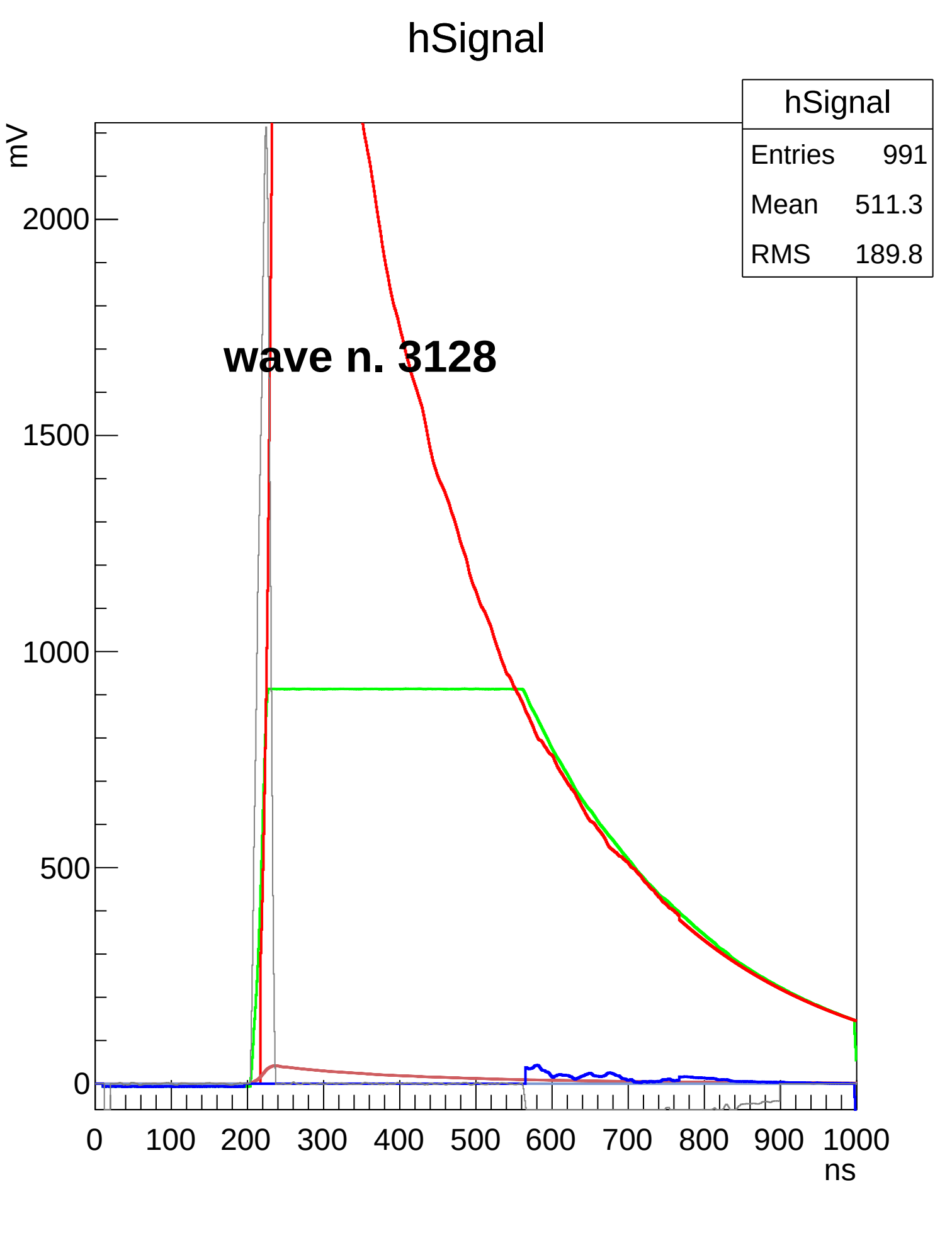
hSignal
hSignal
Entries 991
Mean 511.3
RMS 189.8
wave n. 3128
mV
2000
1500
1000
500
0
0
100
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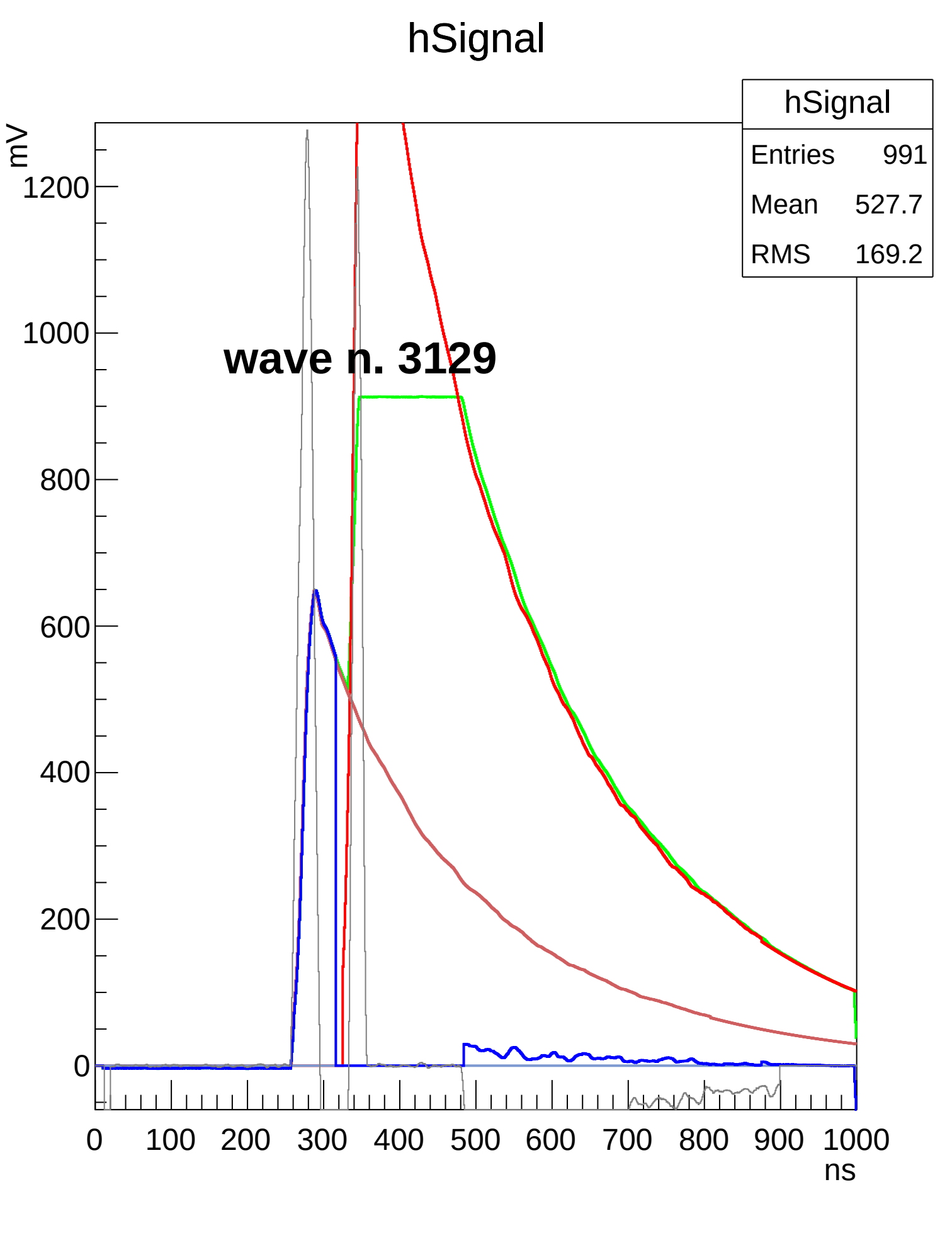
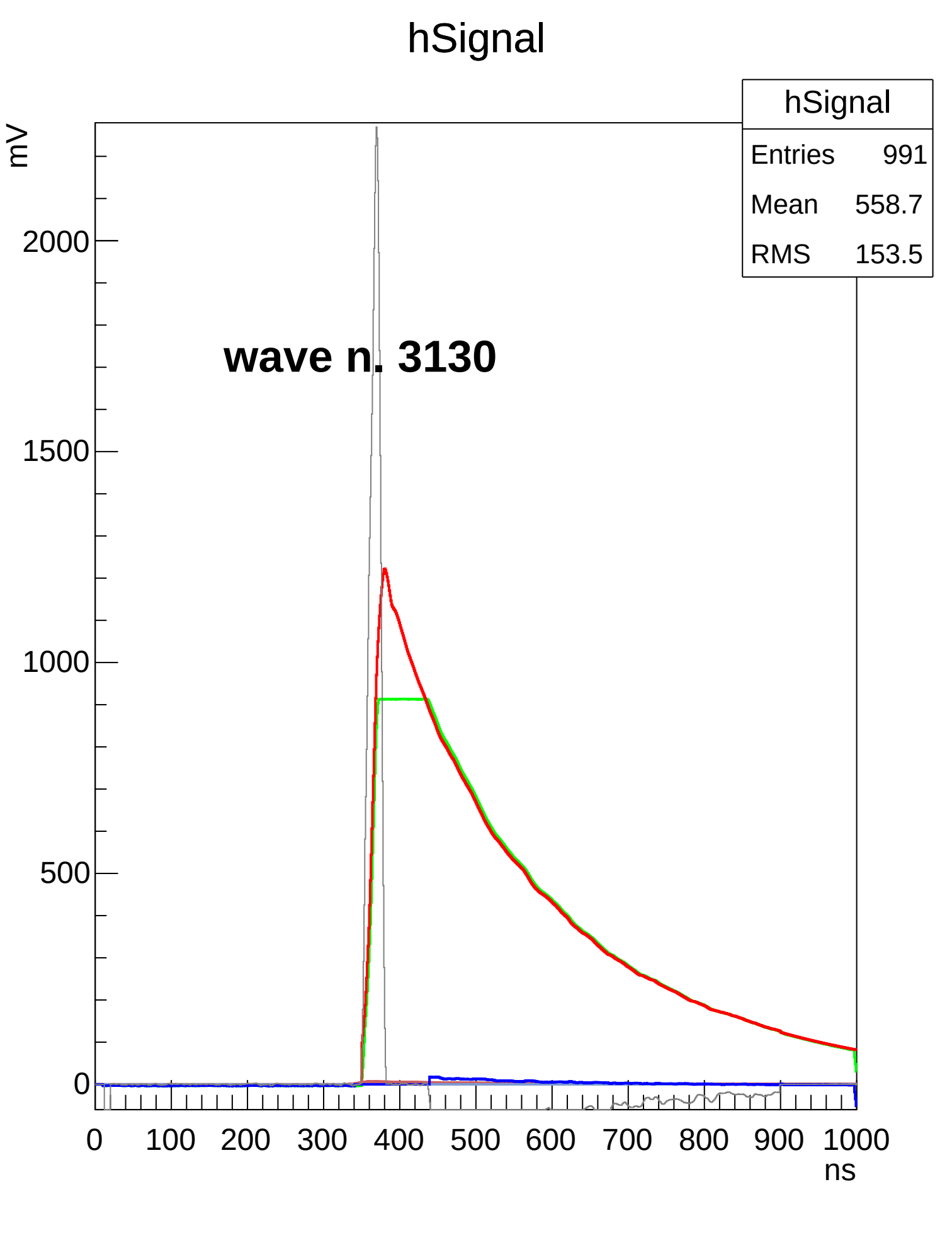
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527.7
RMS 169.2
wave n. 3129
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 558.7
RMS 153.5
wave n. 3130
mV
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1500
1000
500
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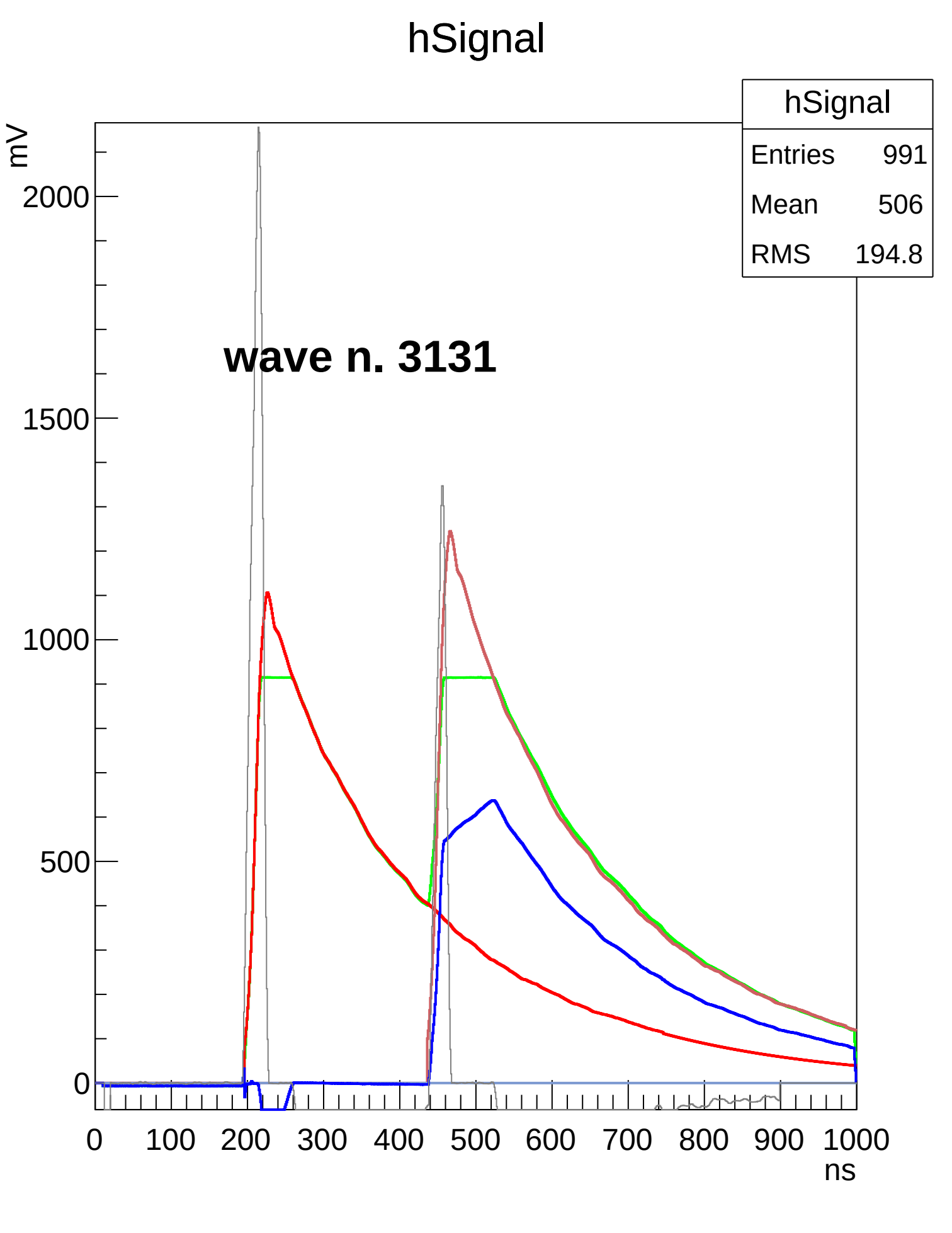
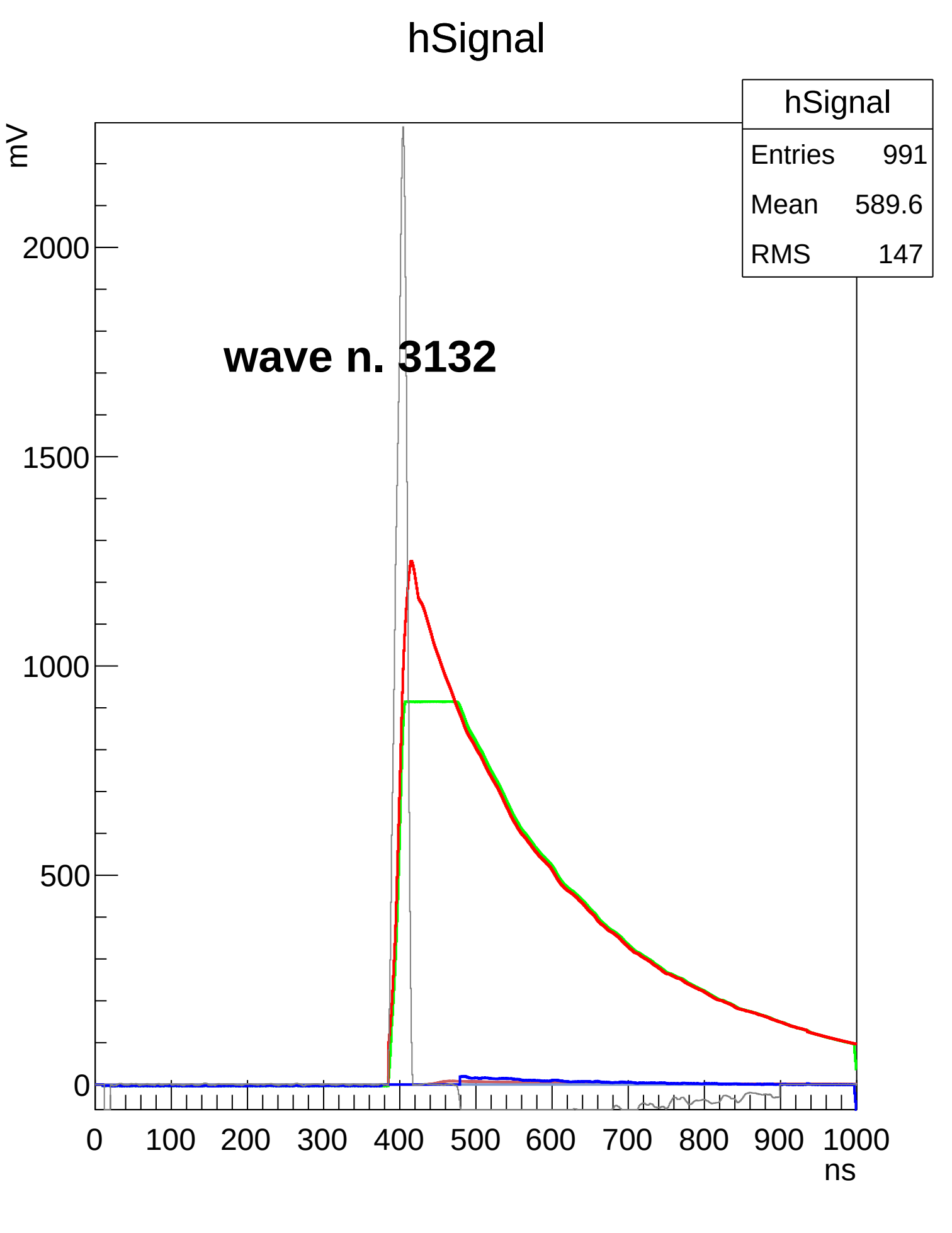
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506
RMS 194.8
wave n. 3131
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 589.6
RMS 147
wave n. 3132
mV
2000
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1000
500
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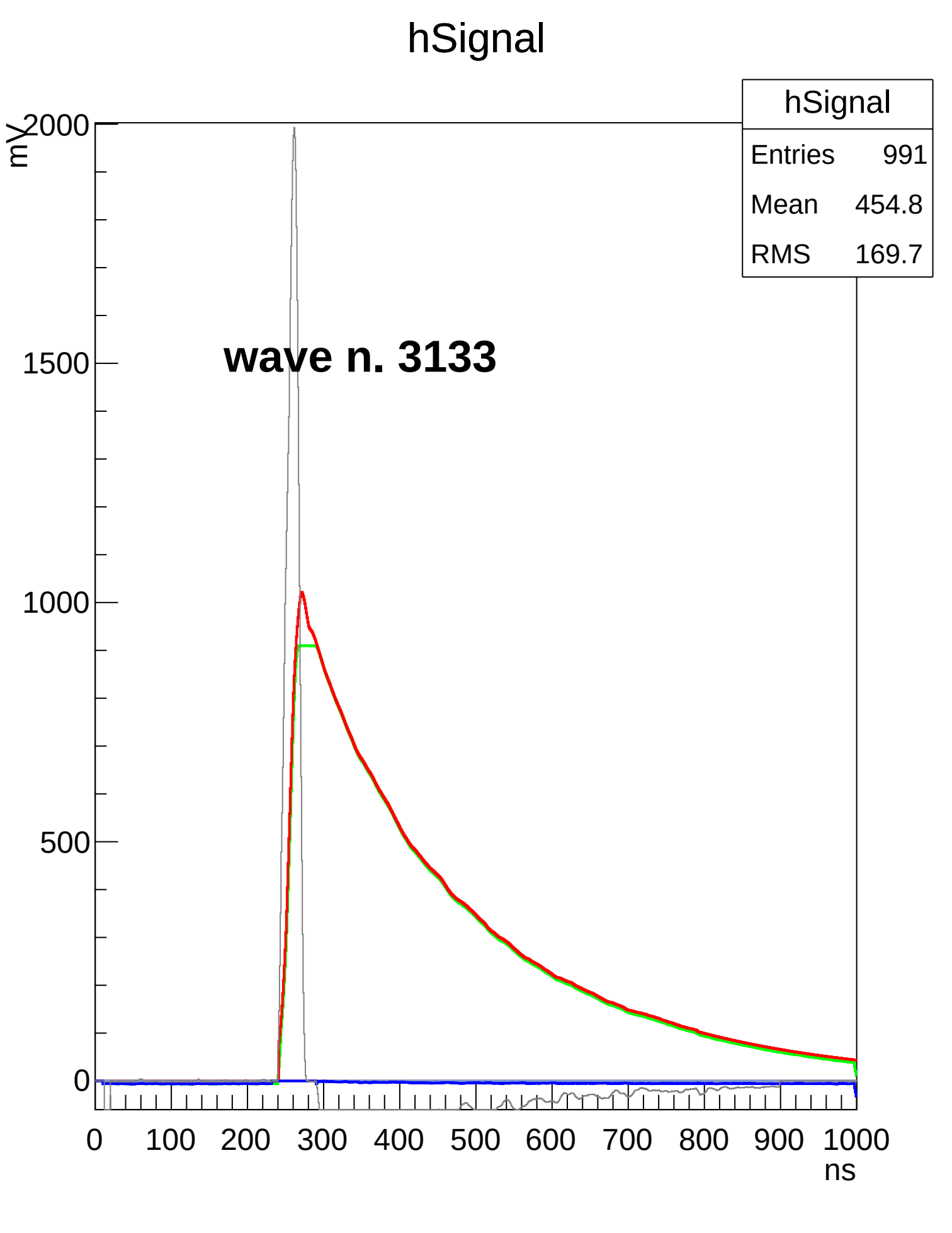
ns


hSignal
hSignal
Entries 991
Mean 454.8
RMS 169.7
wave n. 3133
mV
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1500
1000
500
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0
100
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400
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800
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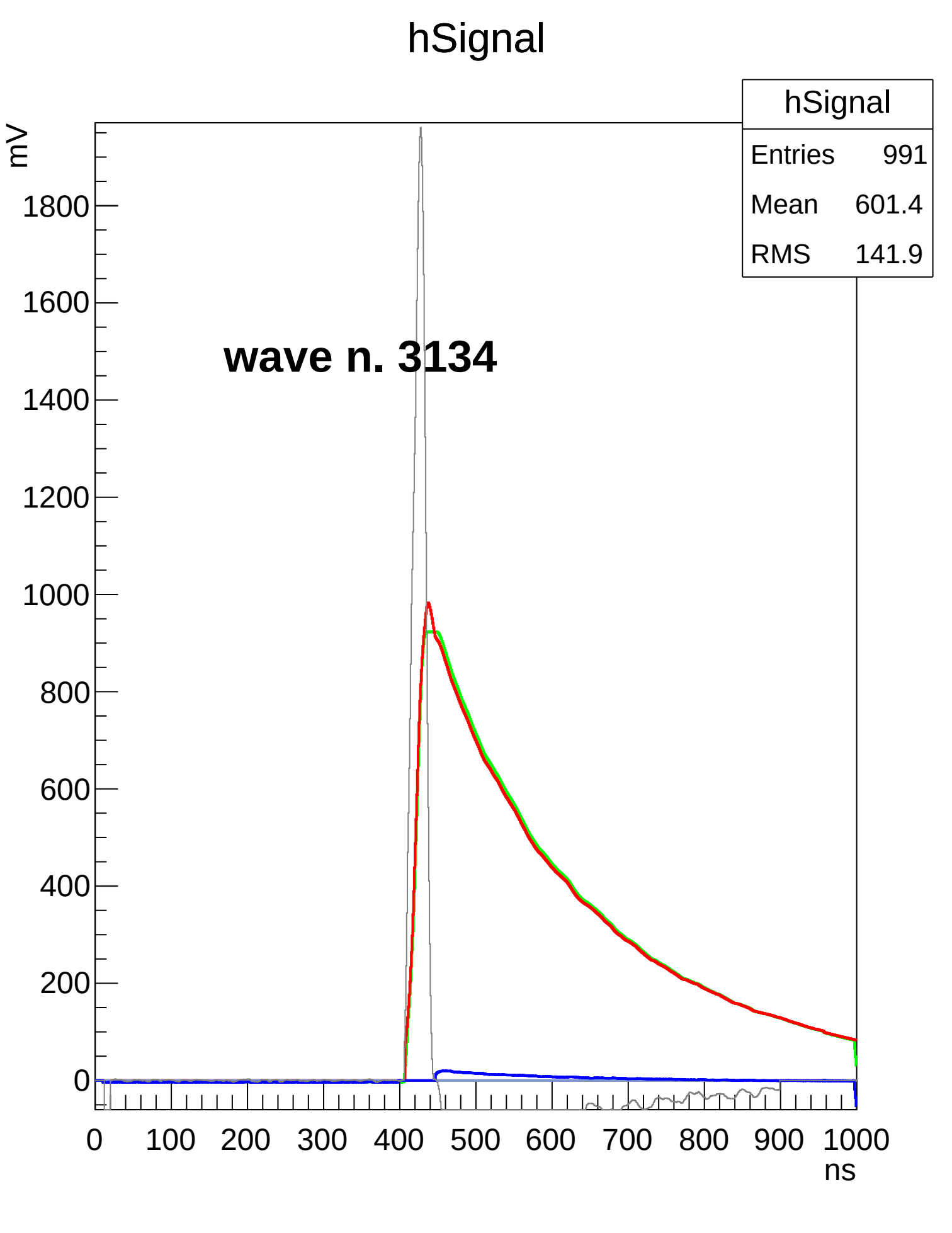
1000
ns


hSignal
hSignal
Entries 991
Mean 601.4
RMS 141.9
wave n. 3134
mV
1800
1600
1400
1200
1000
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400
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0
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400
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600
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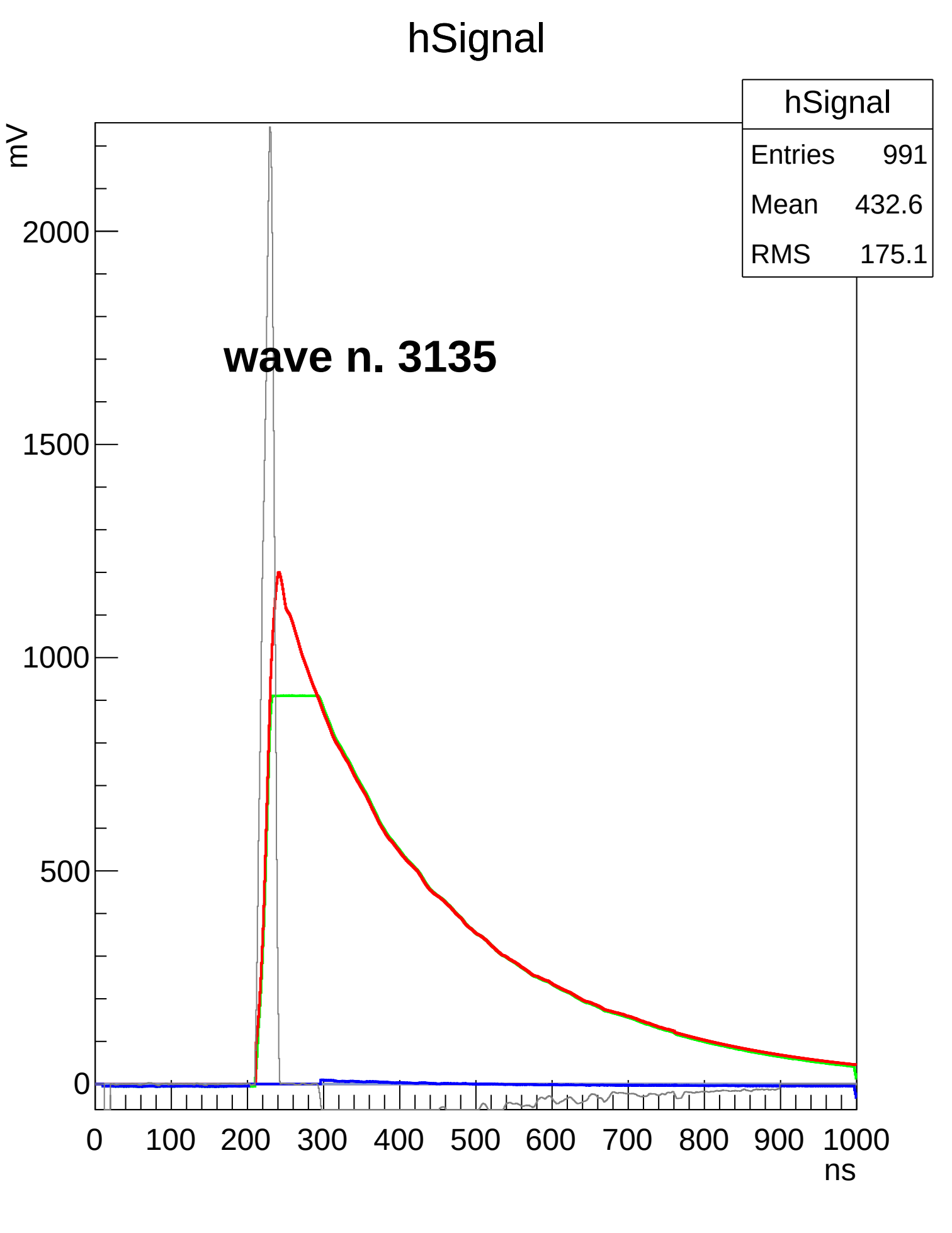
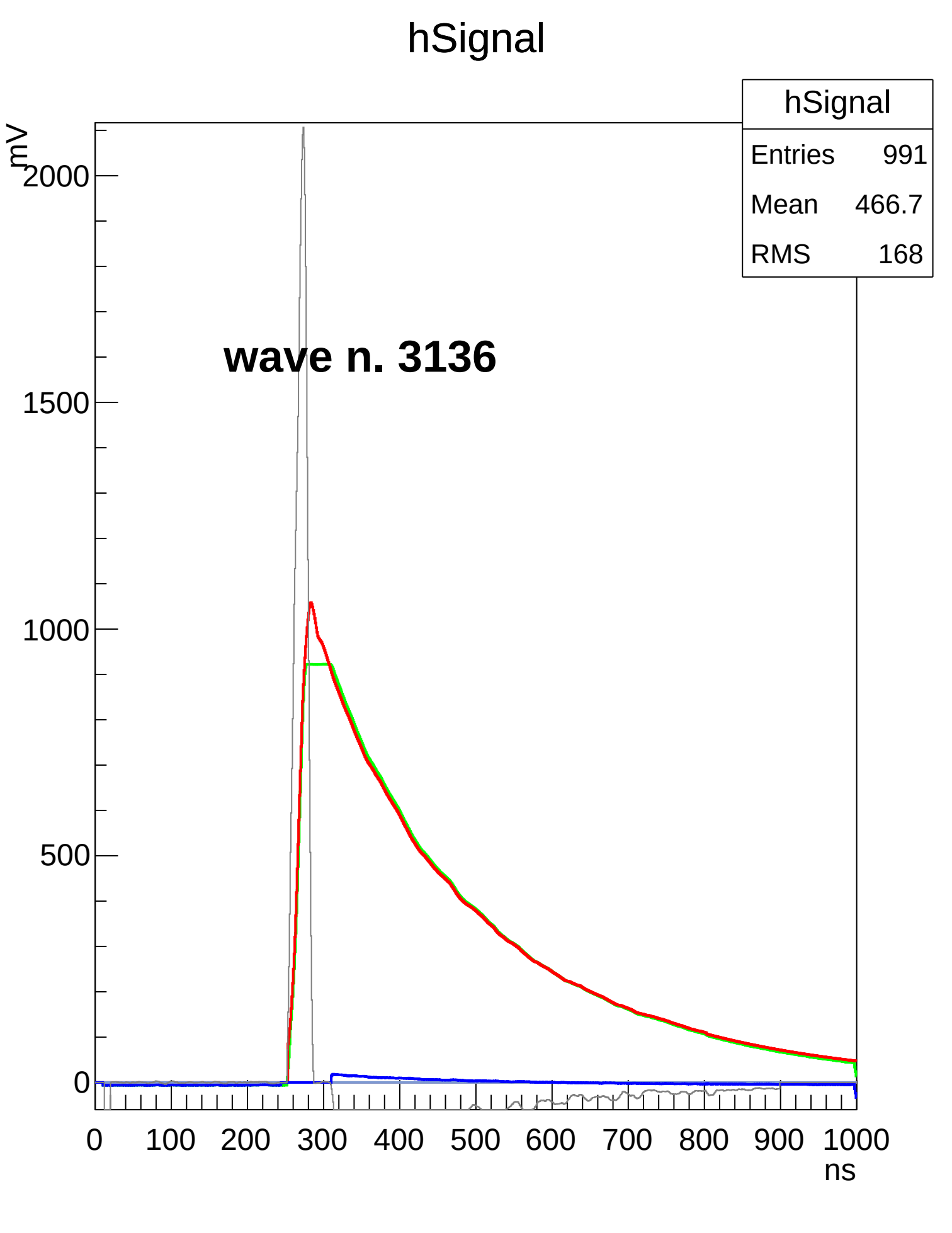
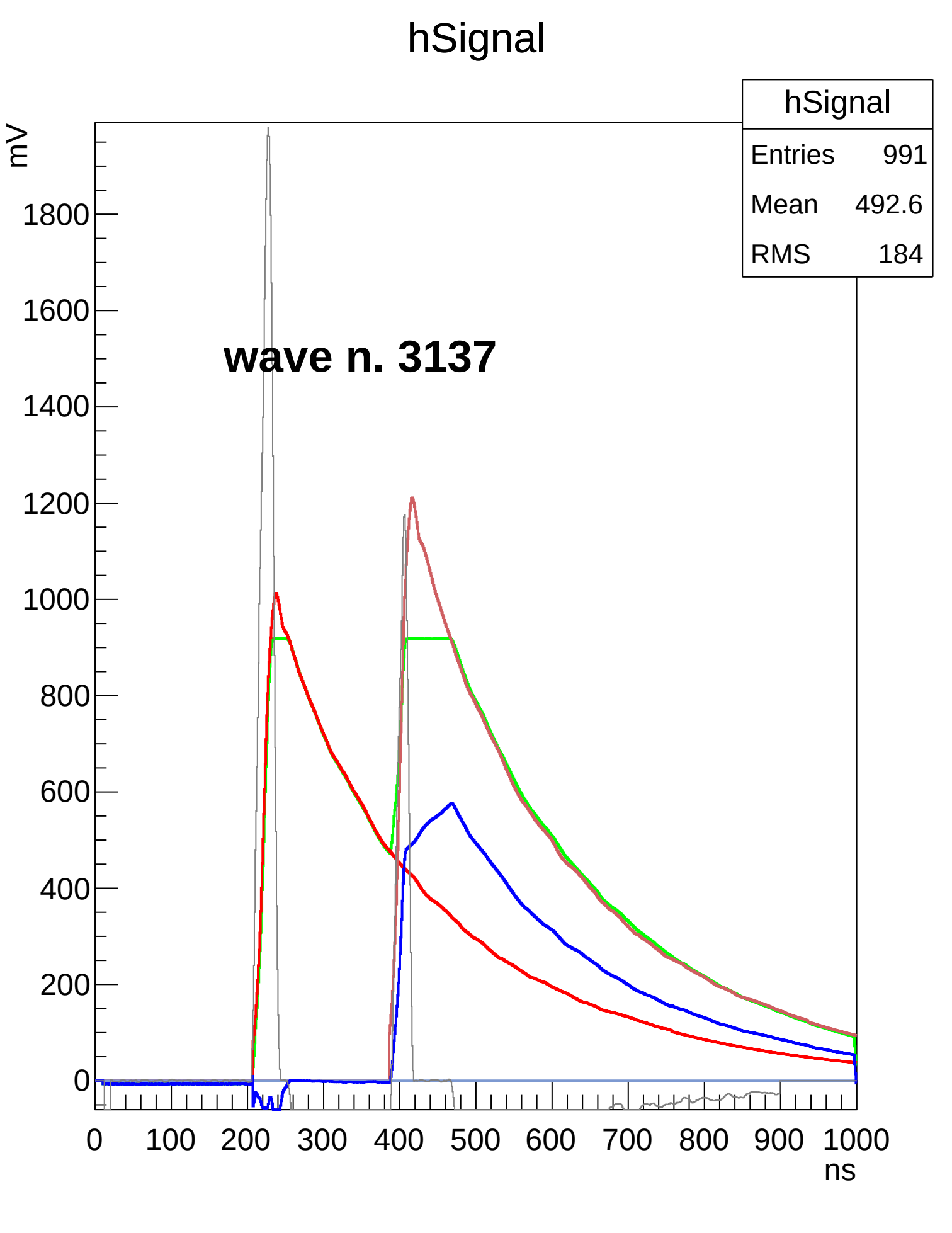
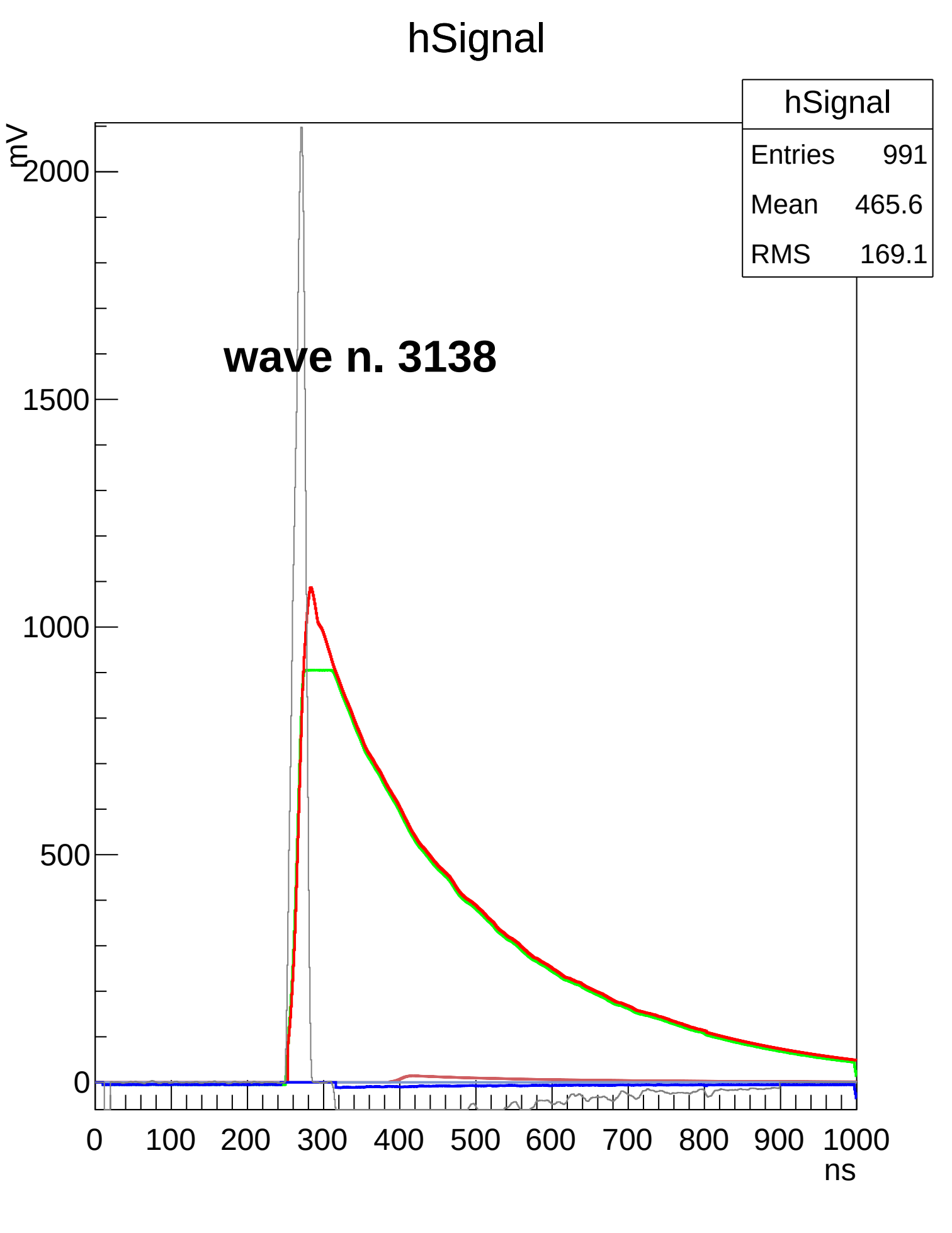
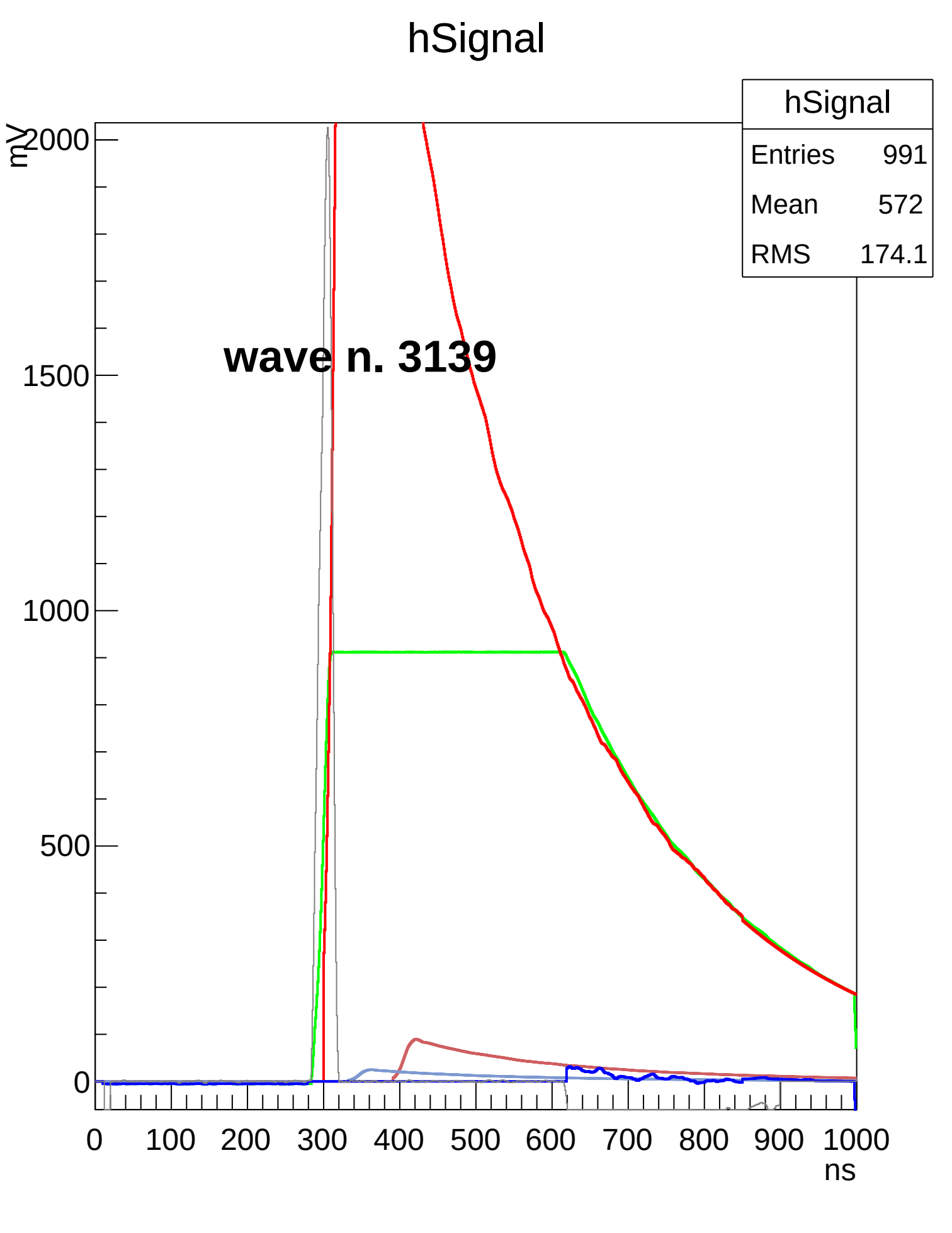
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 432.6
RMS 175.1
wave n. 3135
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 466.7
RMS 168
wave n. 3136
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 492.6
RMS 184
wave n. 3137
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 465.6
RMS 169.1
wave n. 3138
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 572
RMS 174.1
wave n. 3139
mV
2000
1500
1000
500
0
0
100
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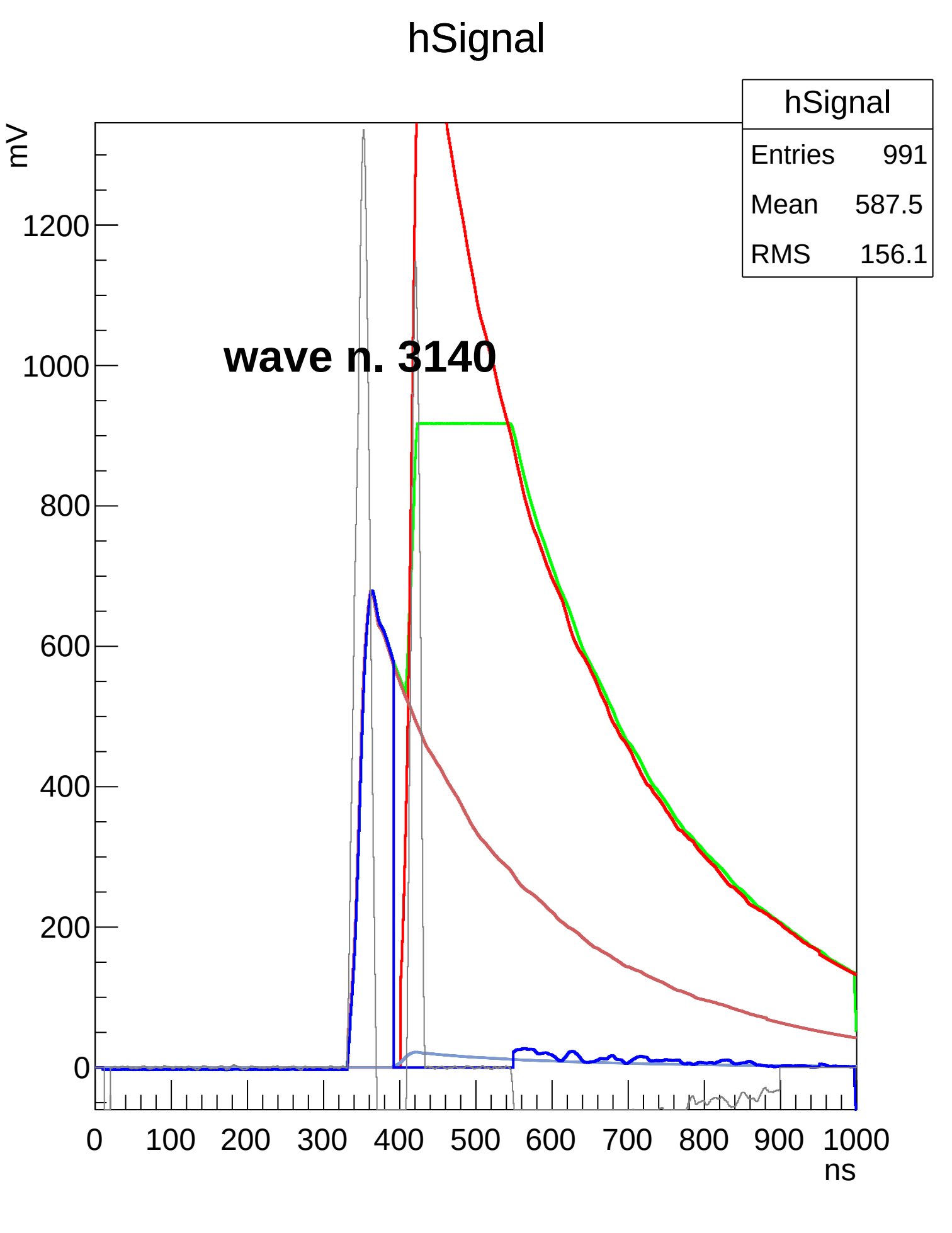
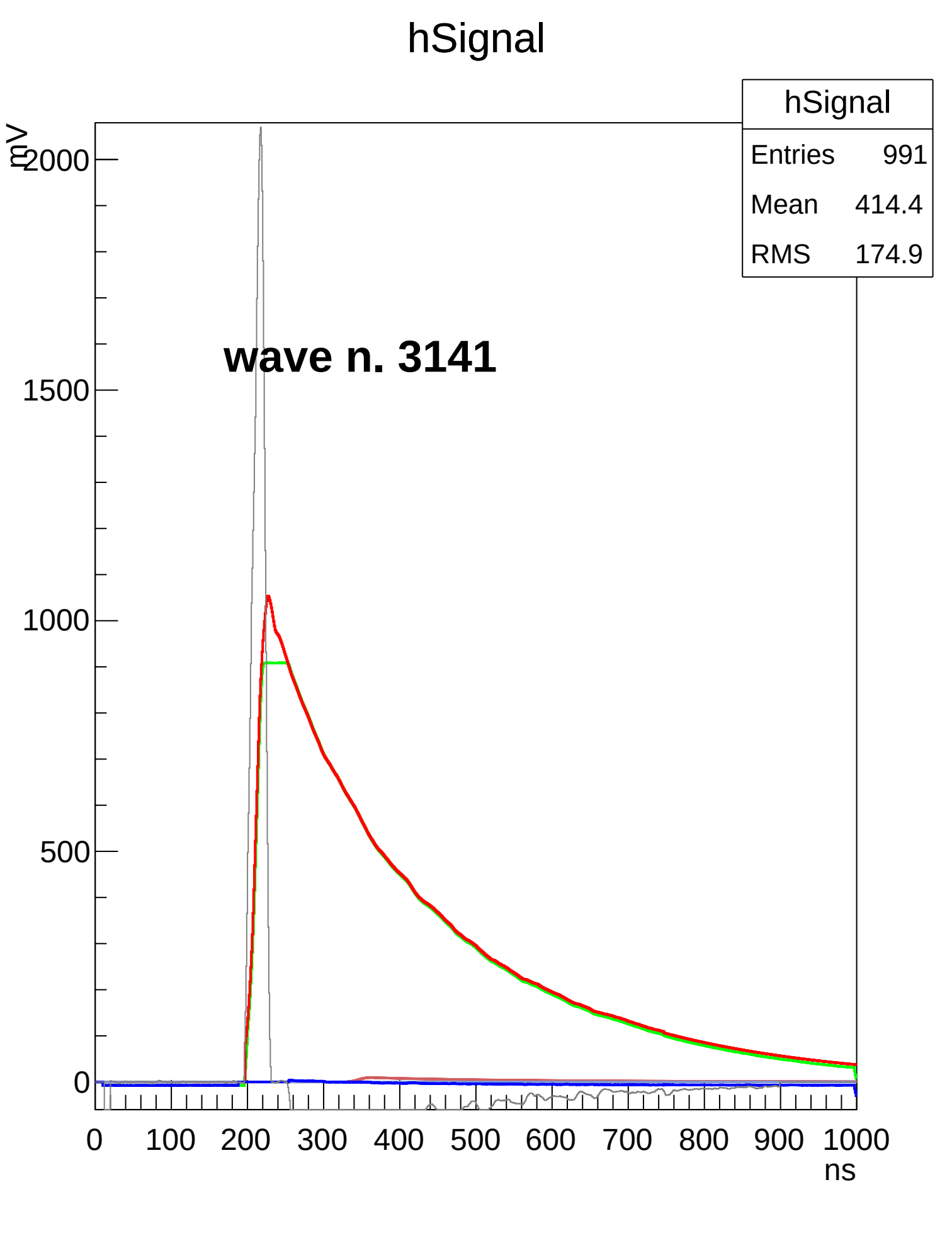
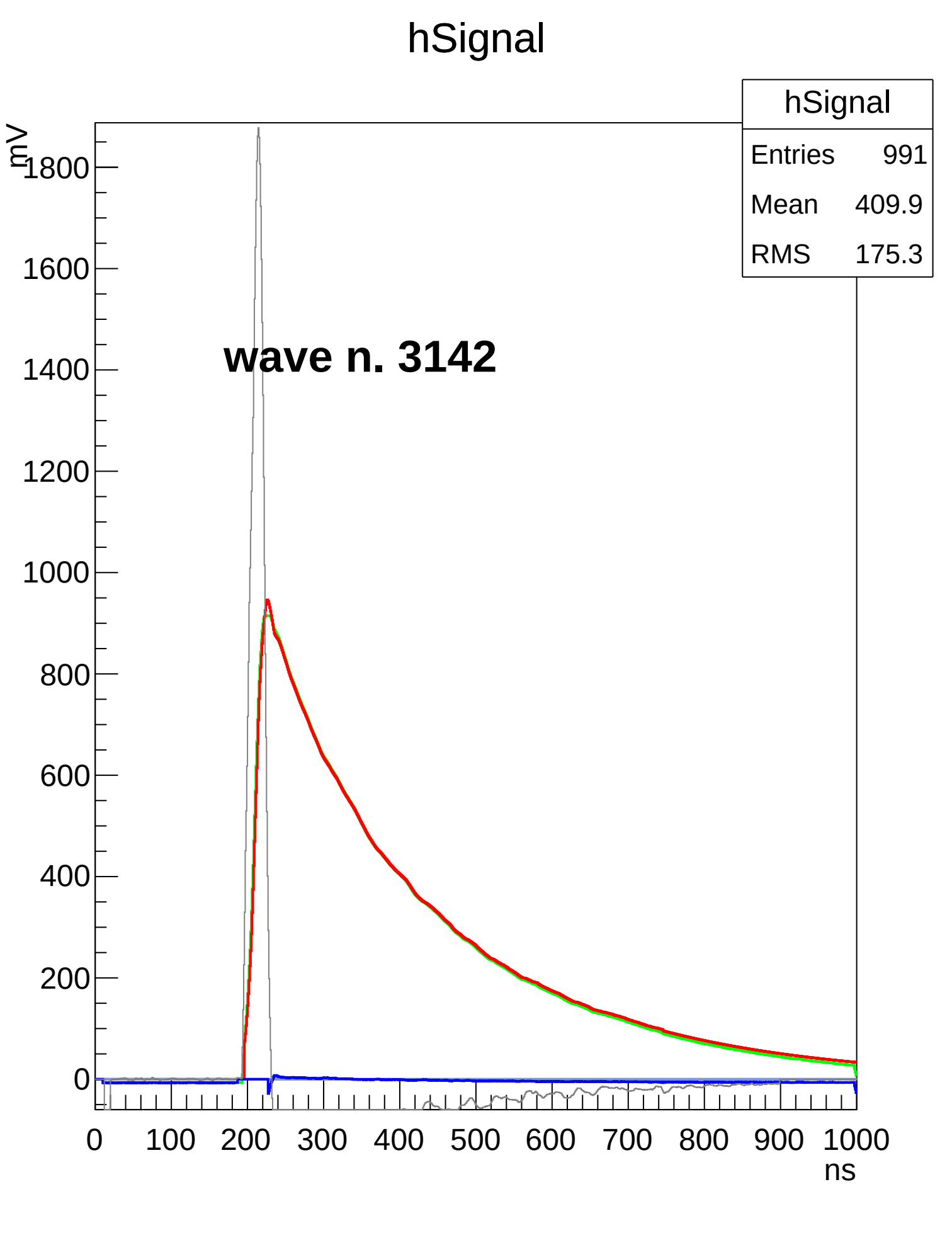
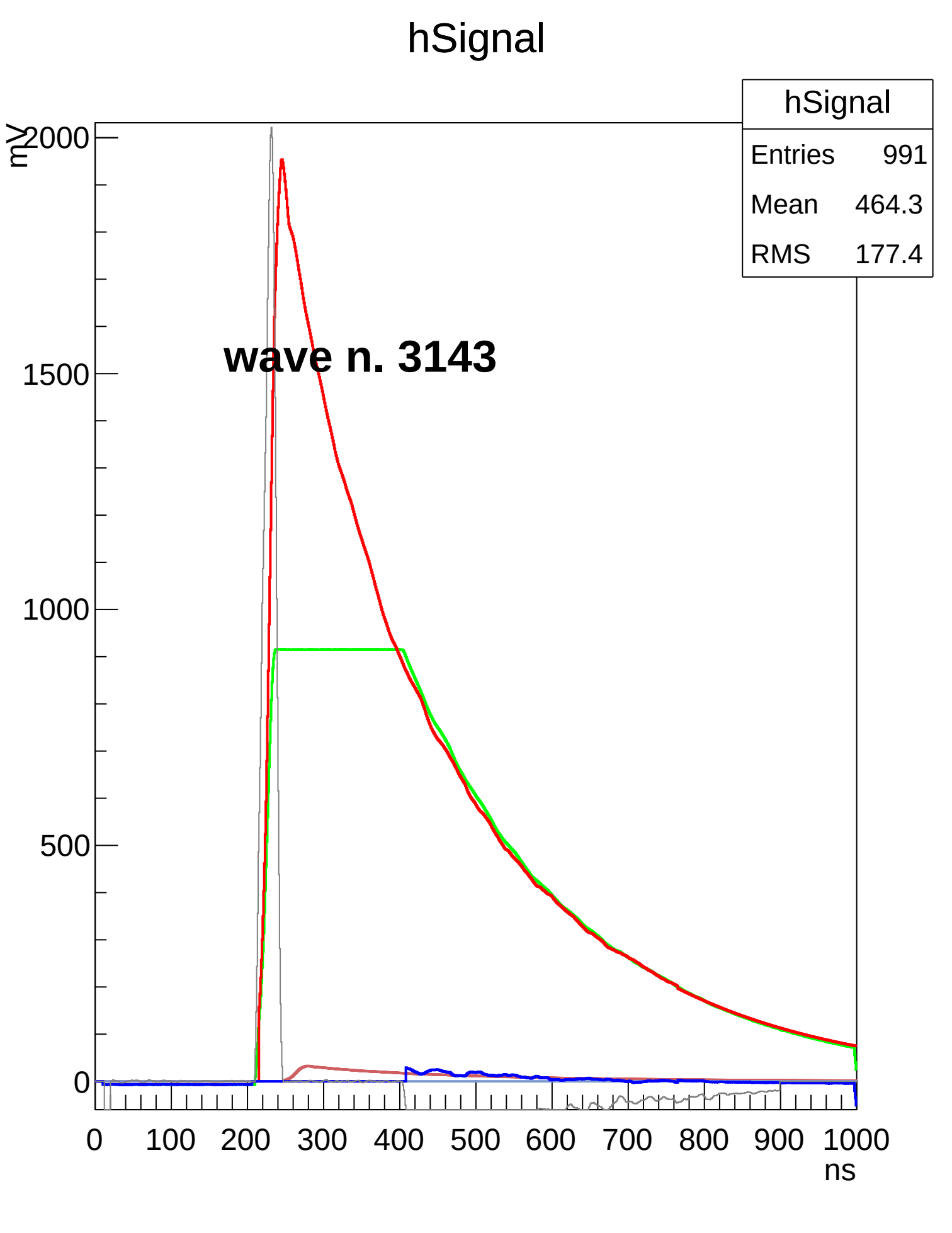
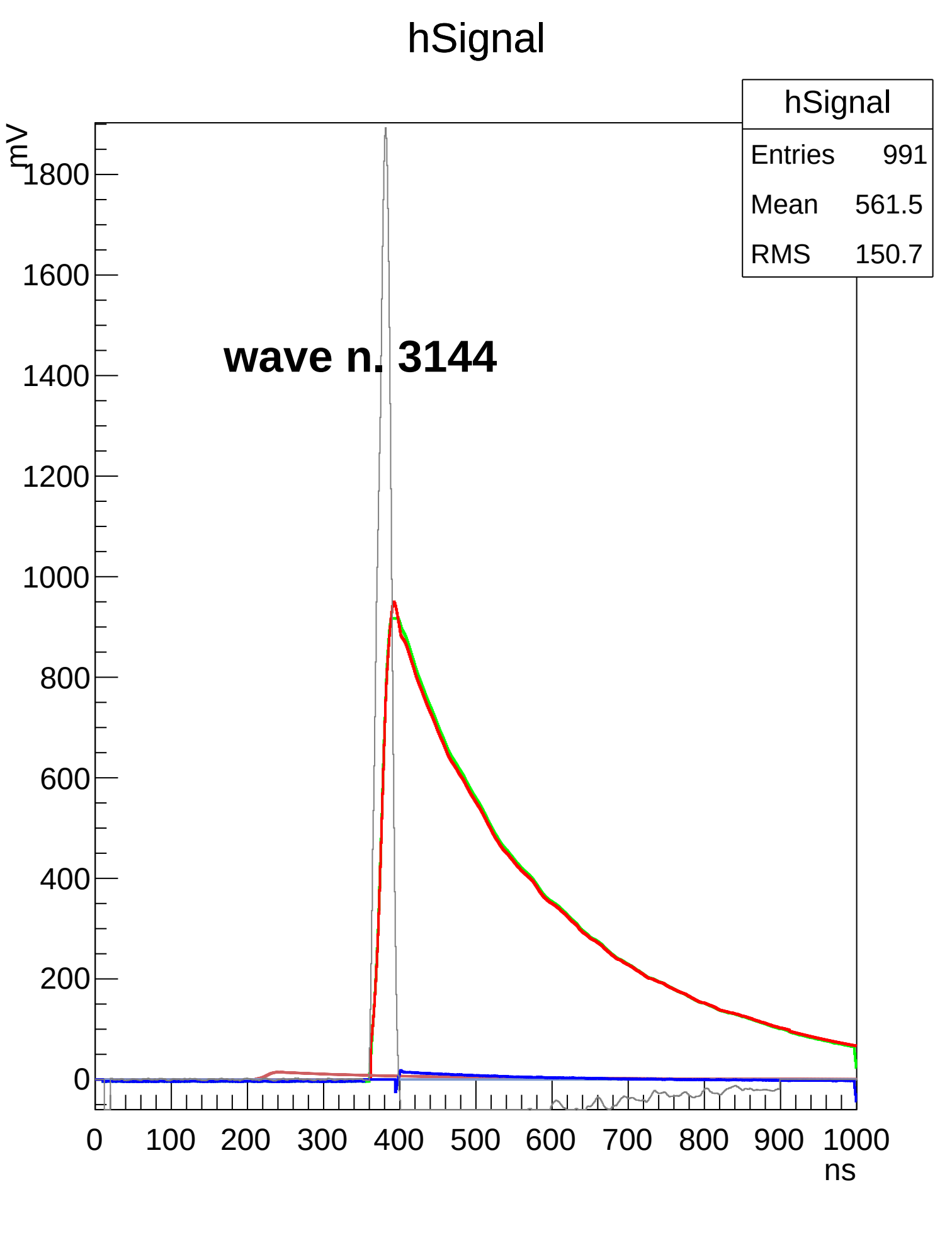
700
800
900
1000
ns

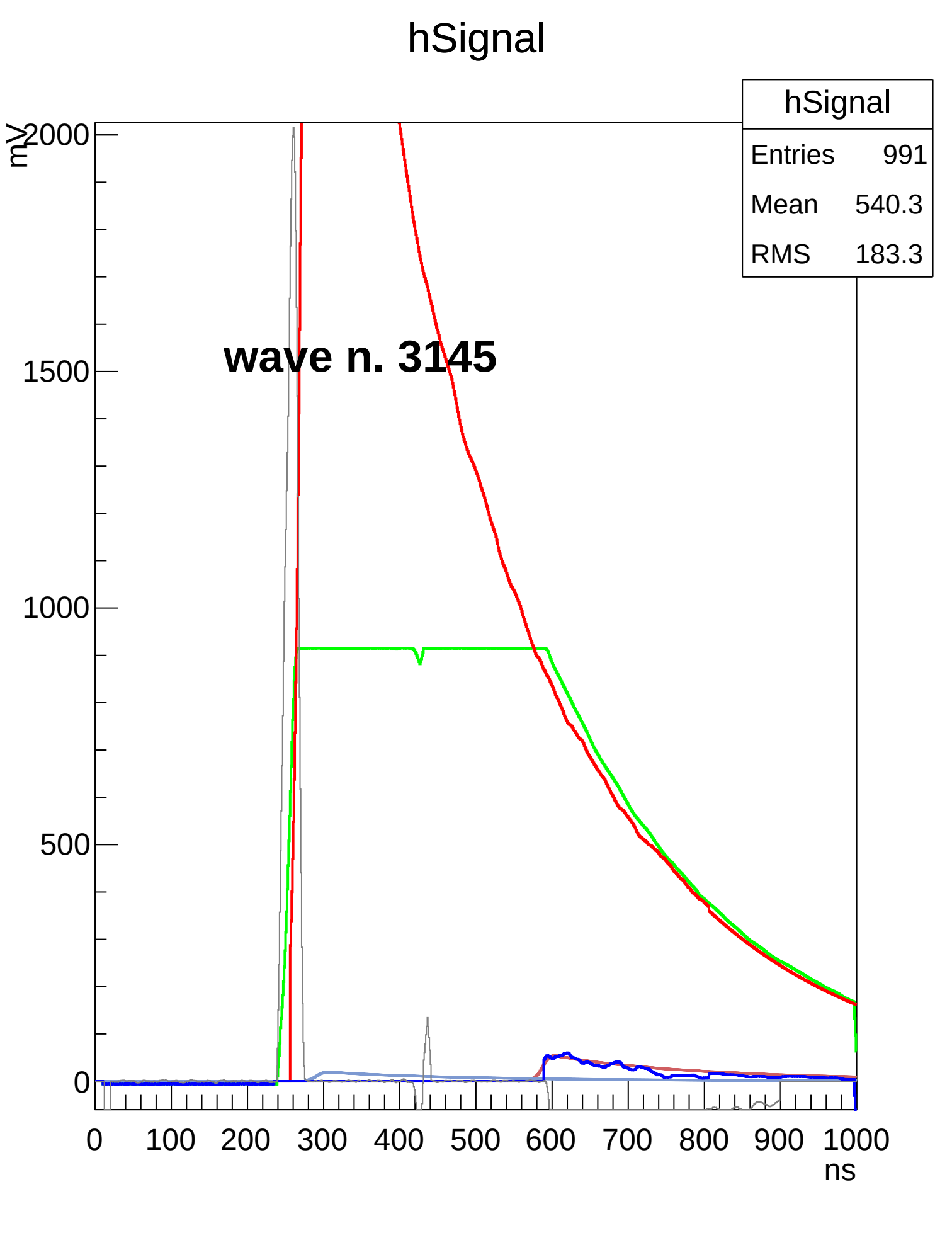

hSignal
hSignal
Entries 991
Mean 587.5
RMS 156.1
wave n. 3140
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 414.4
RMS 174.9
wave n. 3141
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 409.9
RMS 175.3
wave n. 3142
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 464.3
RMS 177.4
wave n. 3143
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.5
RMS 150.7
wave n. 3144
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 540.3
RMS 183.3
wave n. 3145
mV
2000
1500
1000
500
0
0
100
200
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400
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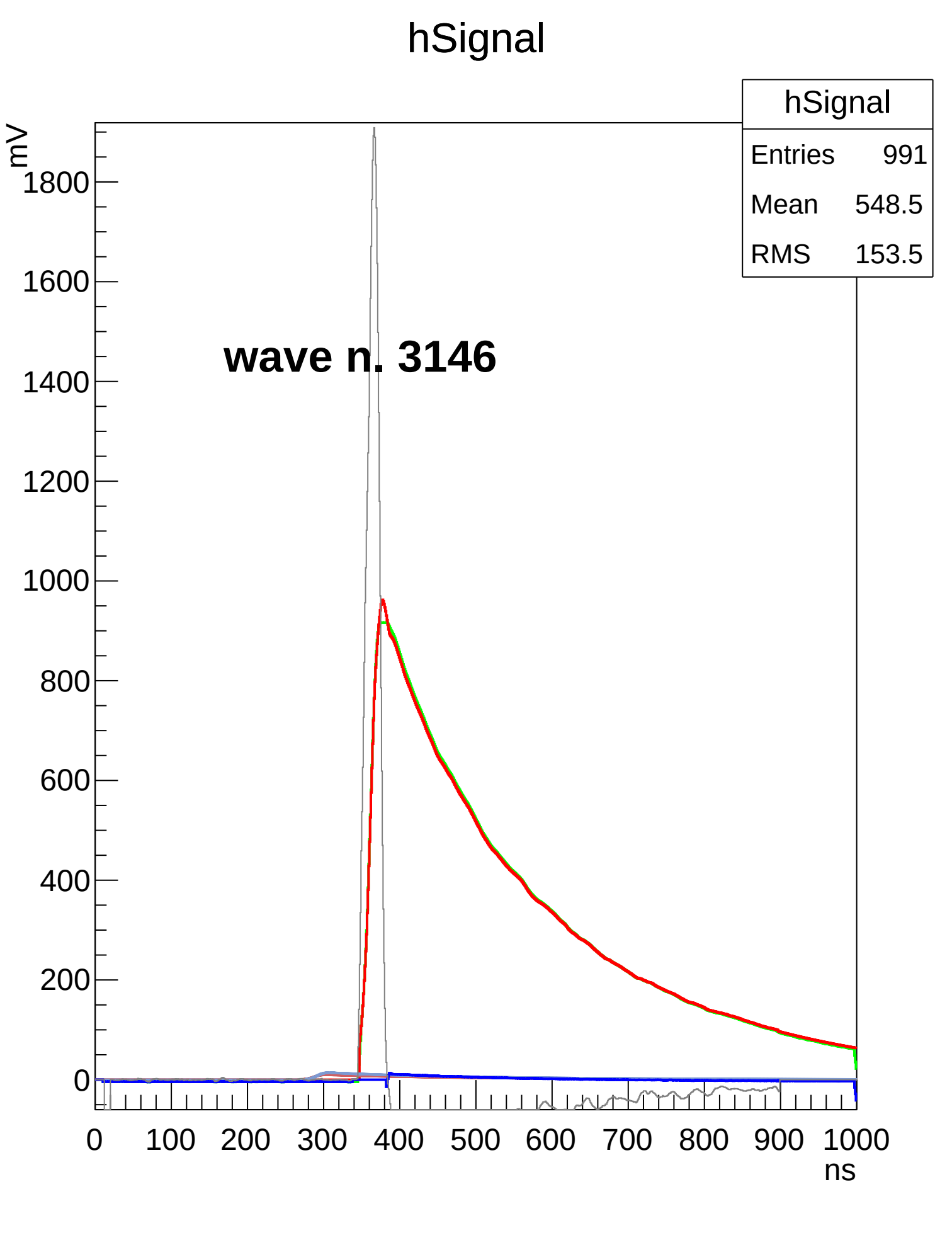
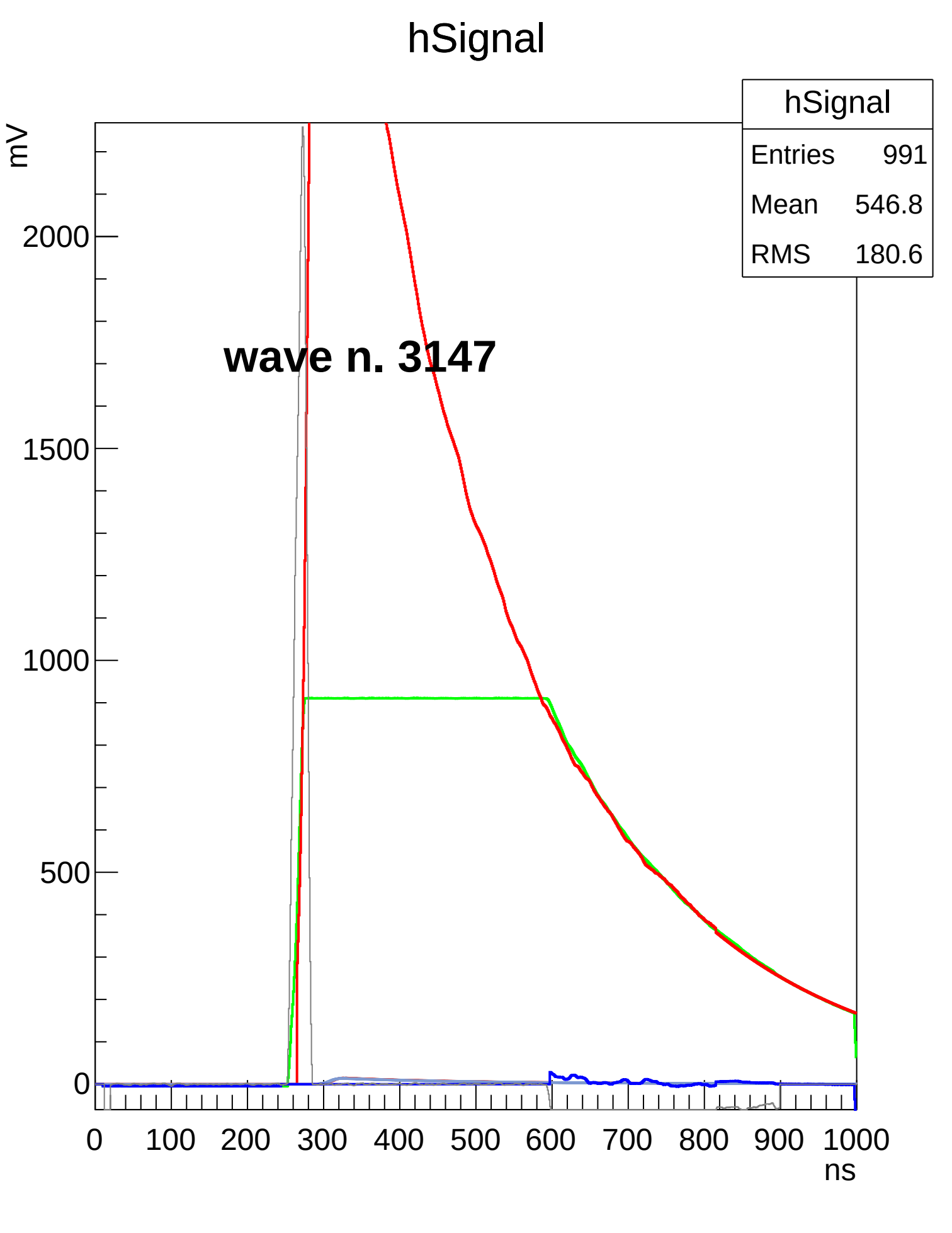
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 548.5
RMS 153.5
wave n. 3146
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 546.8
RMS 180.6
wave n. 3147
mV
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1500
1000
500
0
0
100
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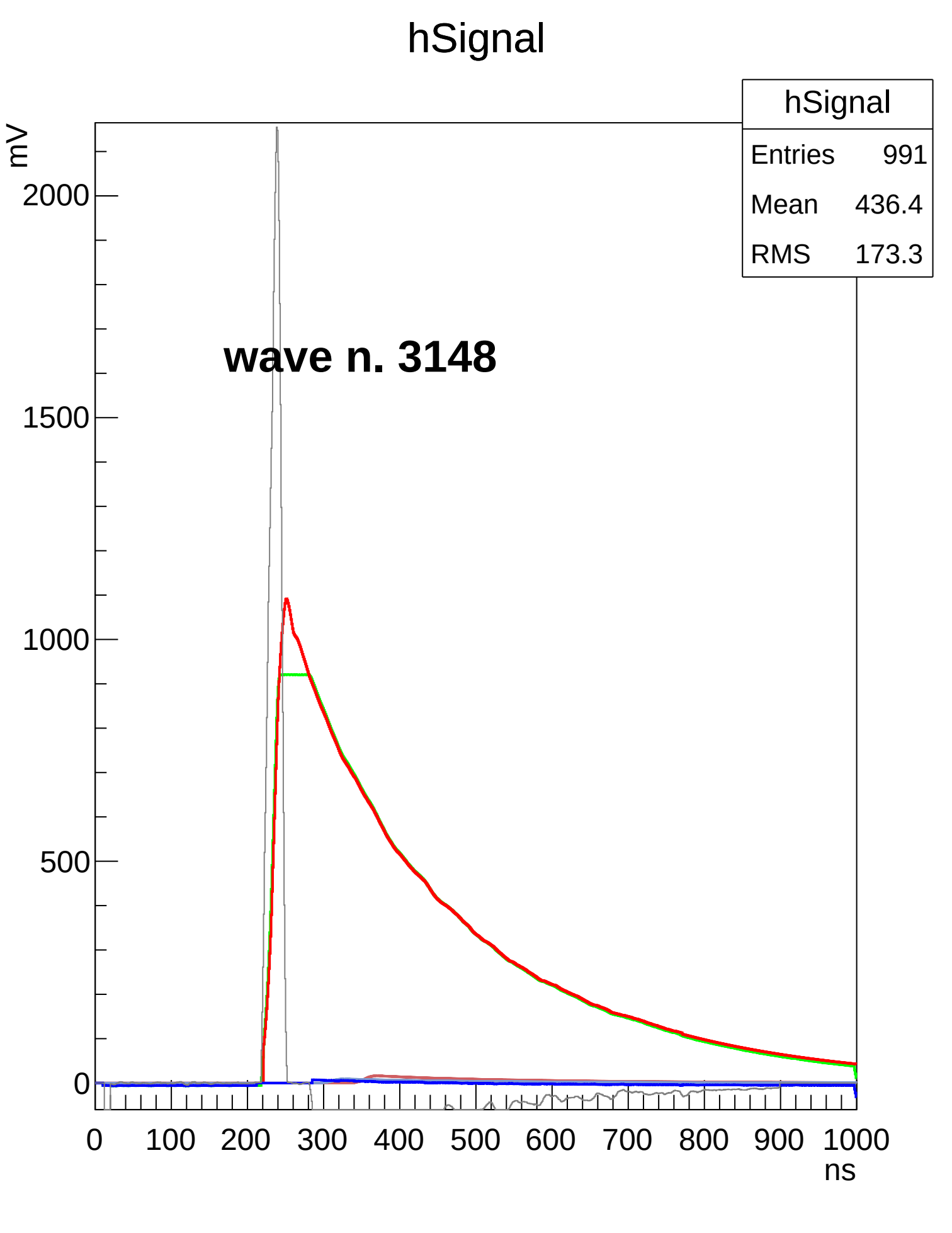
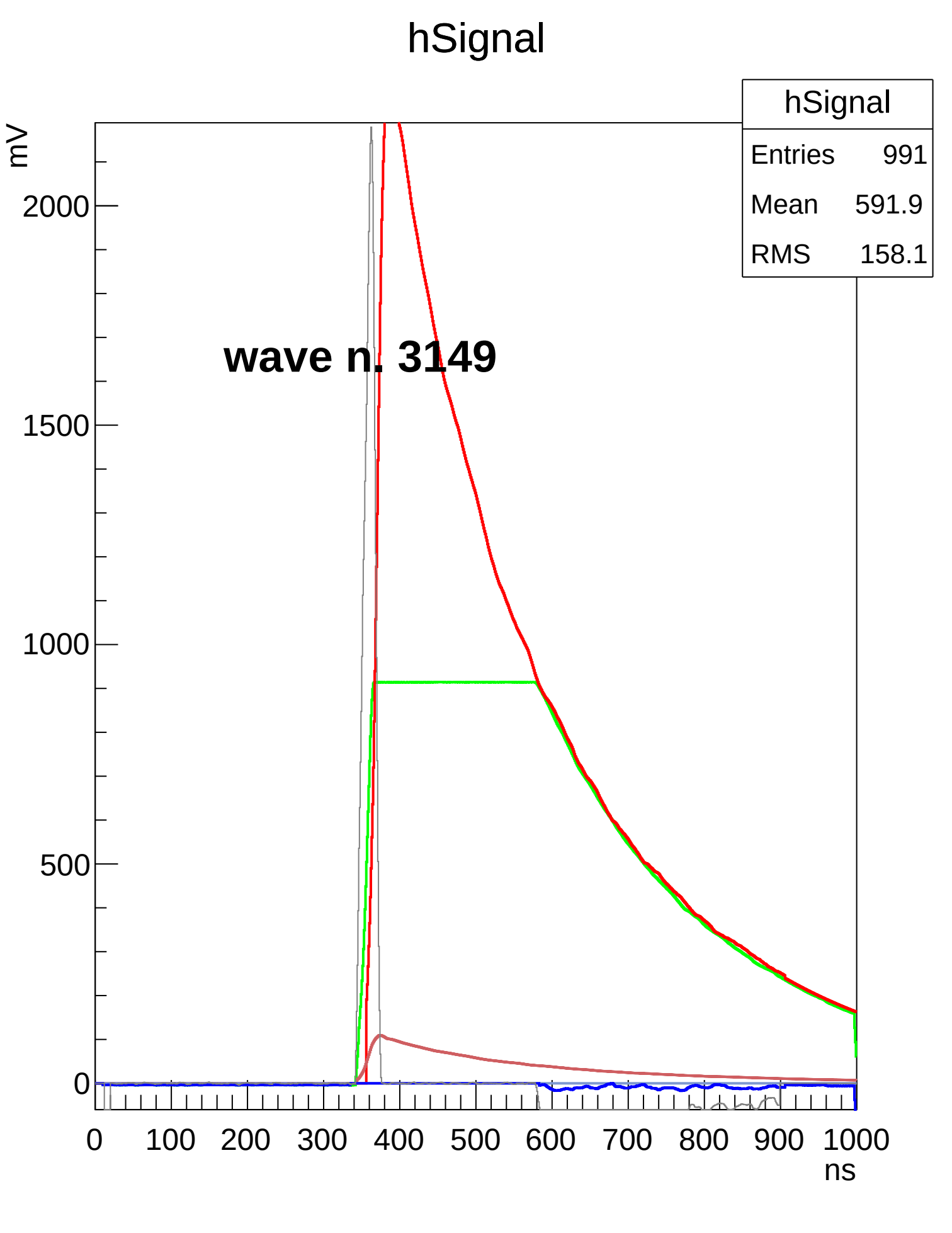
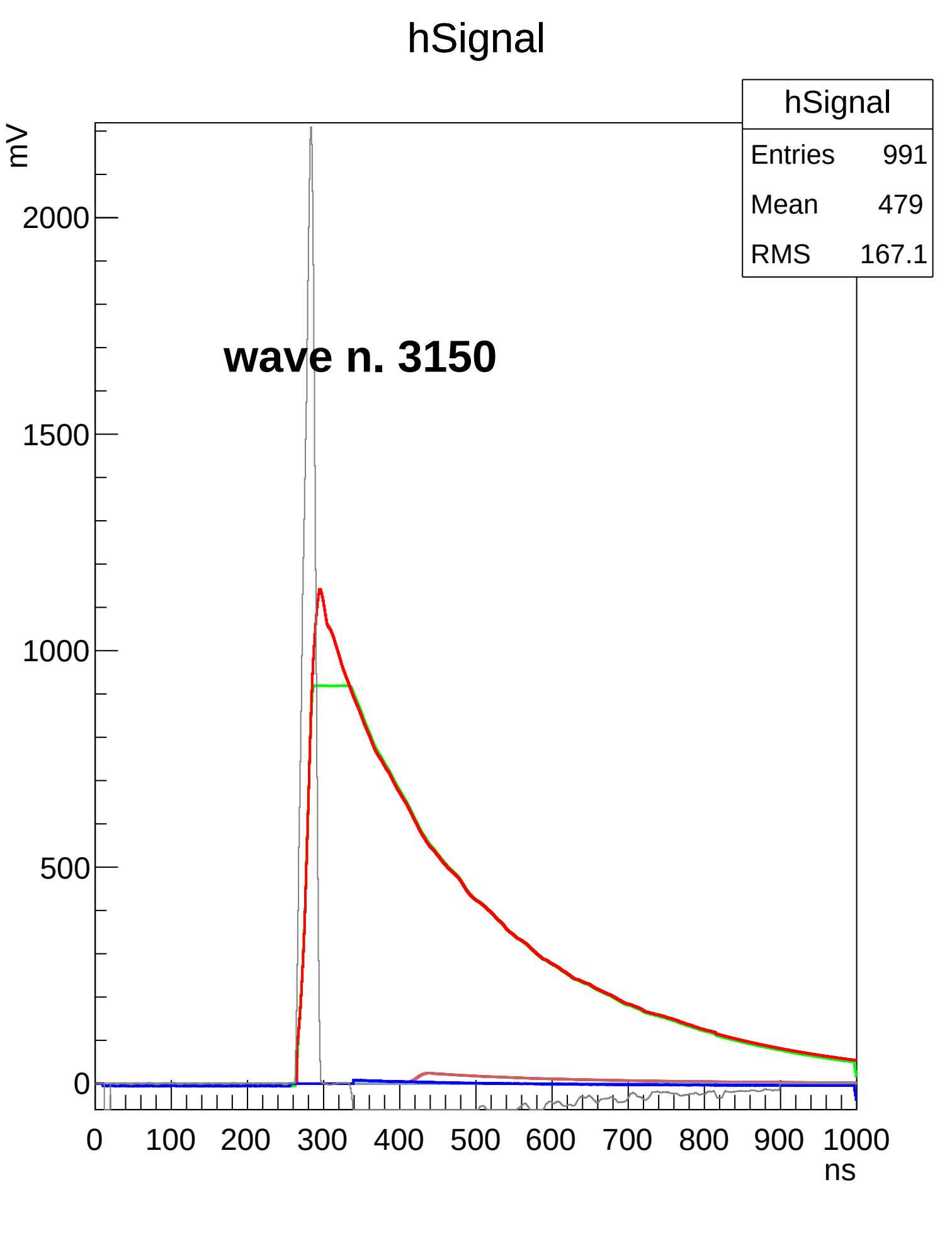
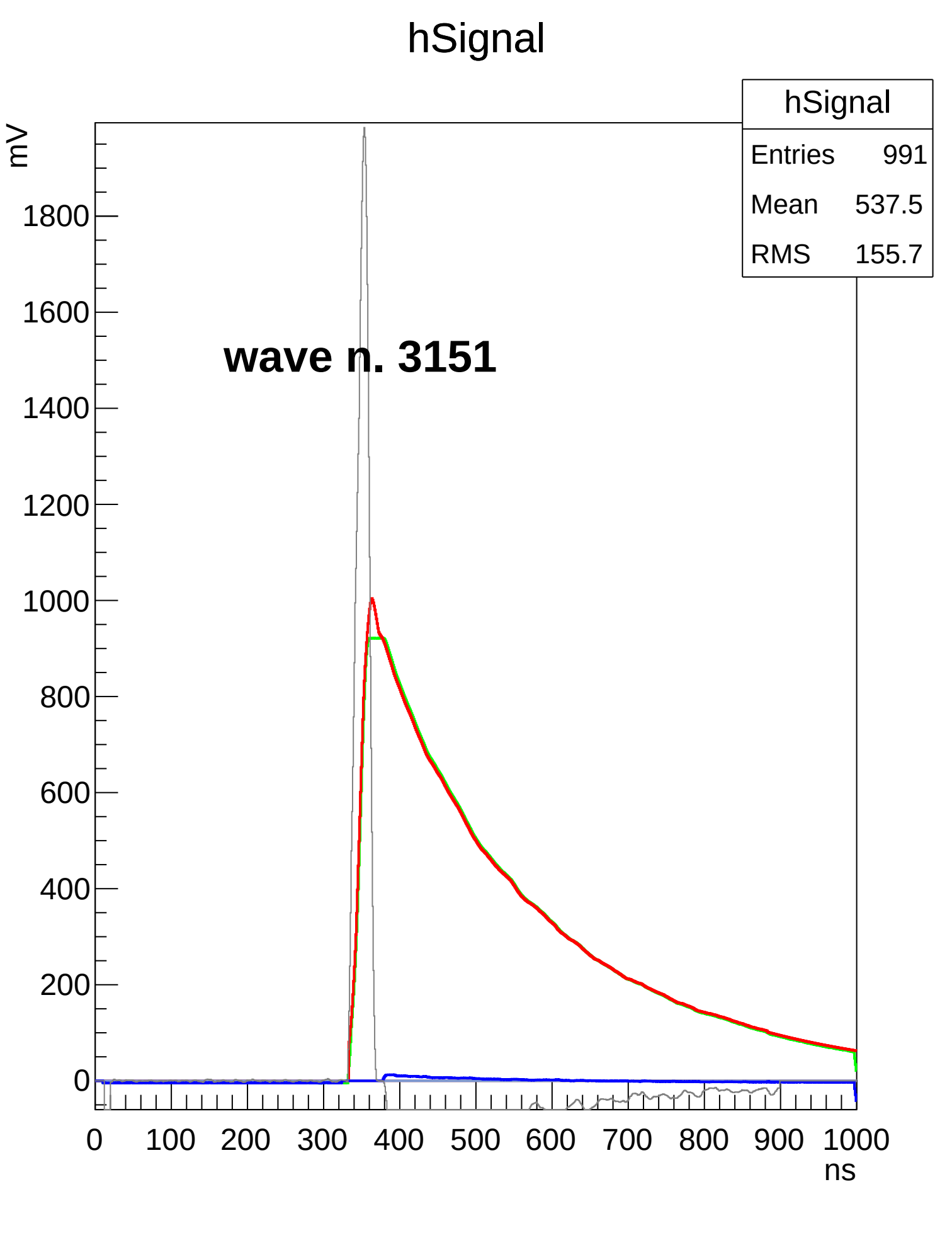
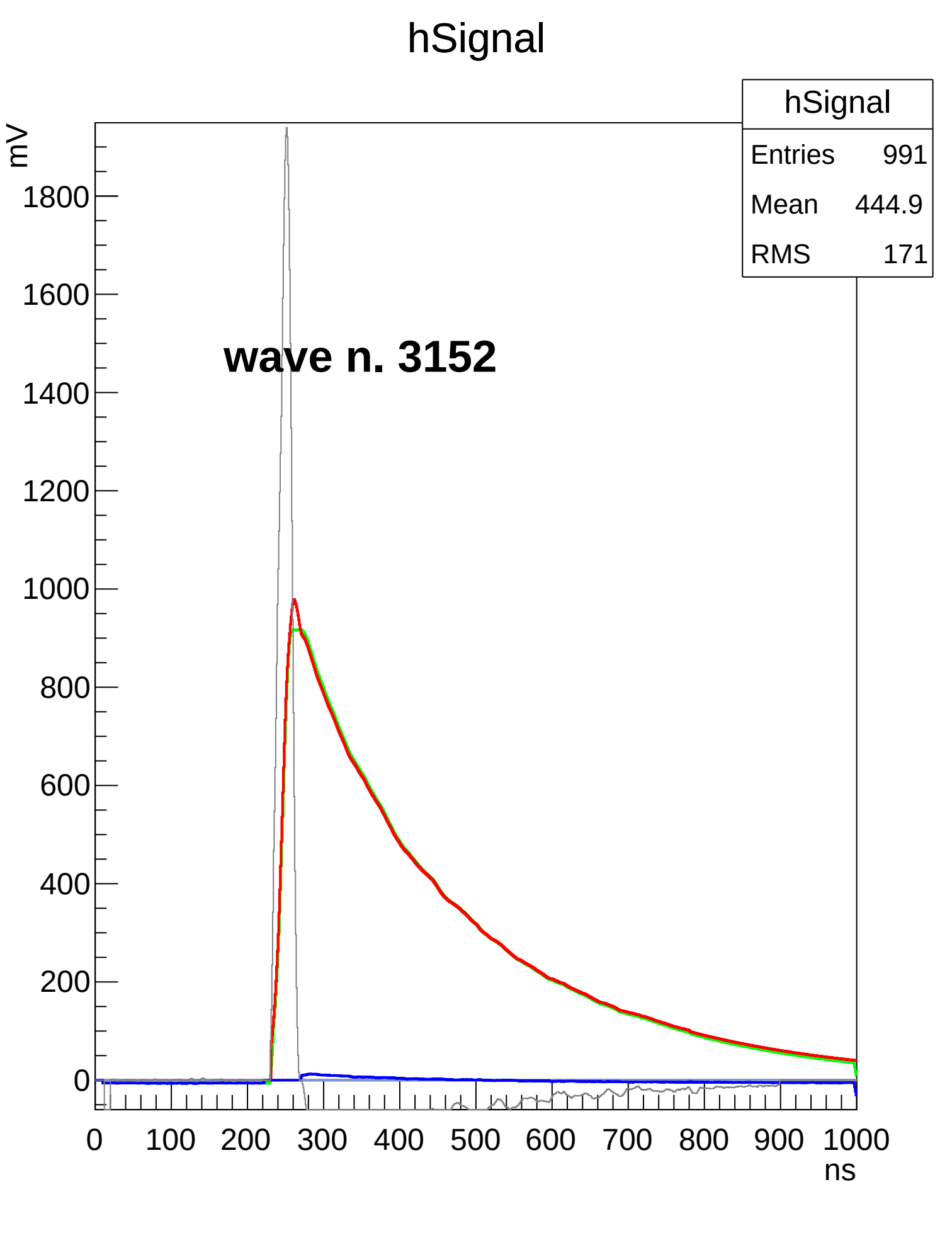
700
800
900
1000
ns

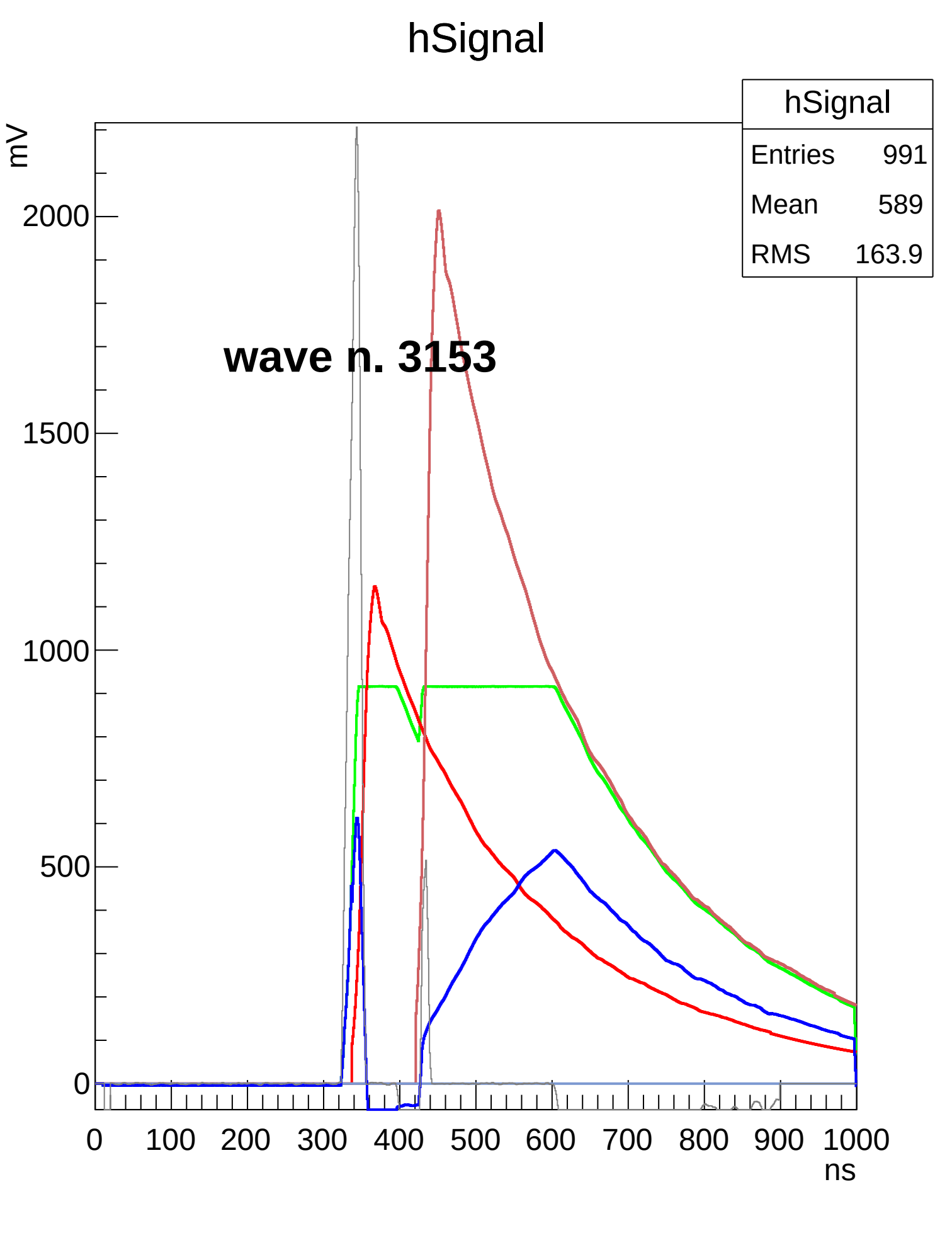

hSignal
hSignal
Entries 991
Mean 436.4
RMS 173.3
wave n. 3148
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

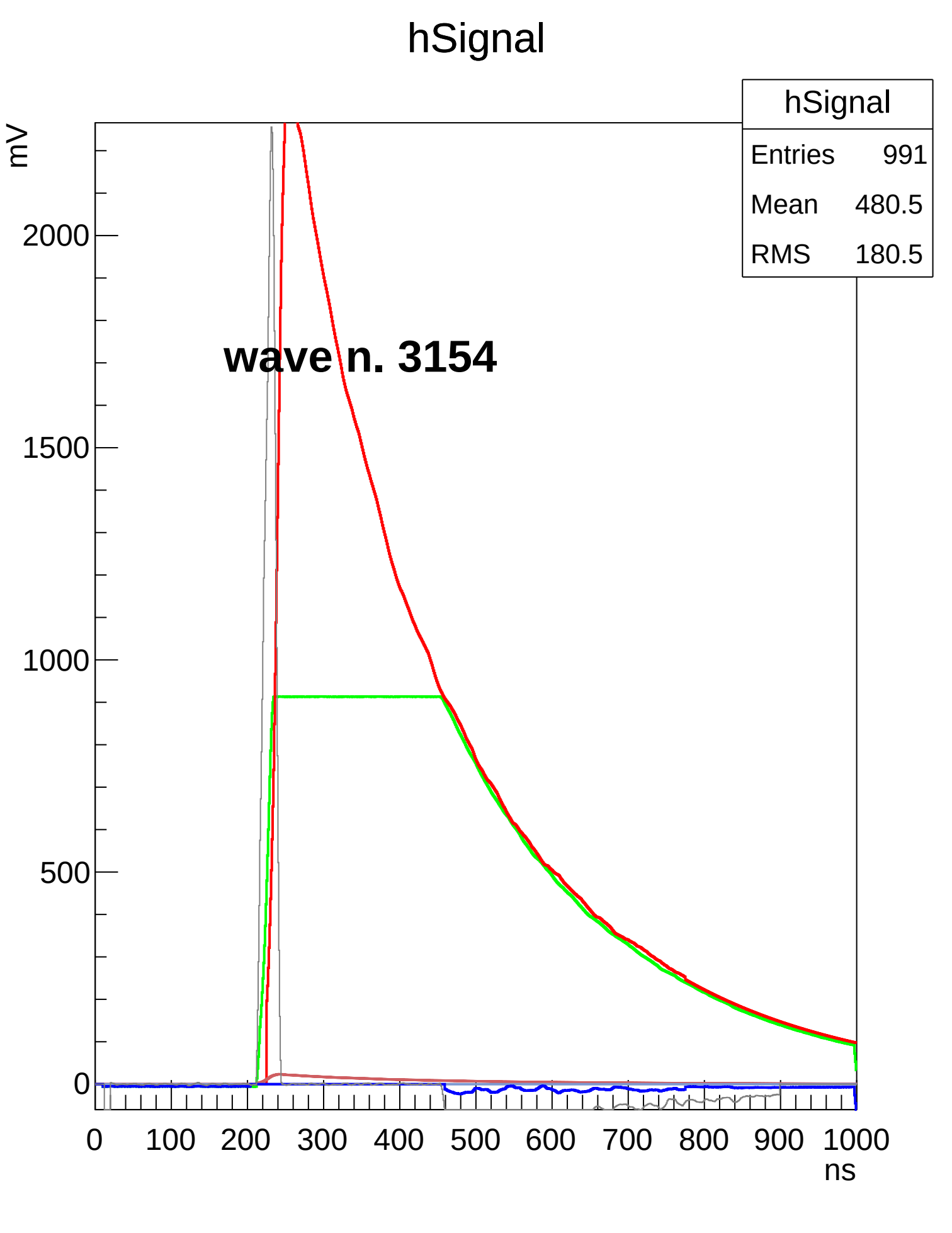

hSignal
hSignal
Entries 991
Mean 591.9
RMS 158.1
wave n. 3149
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

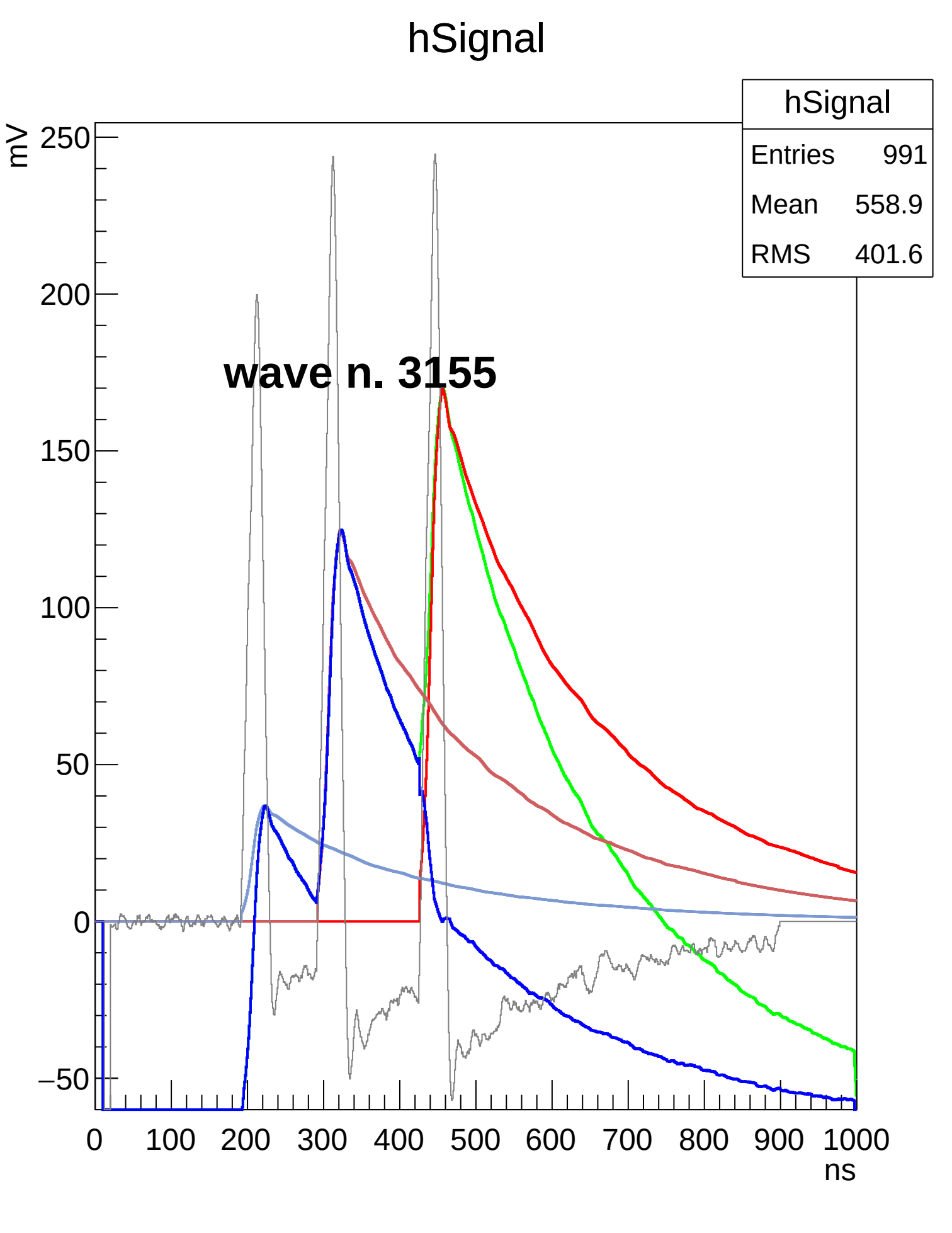

hSignal
hSignal
Entries 991
Mean 479
RMS 167.1
wave n. 3150
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

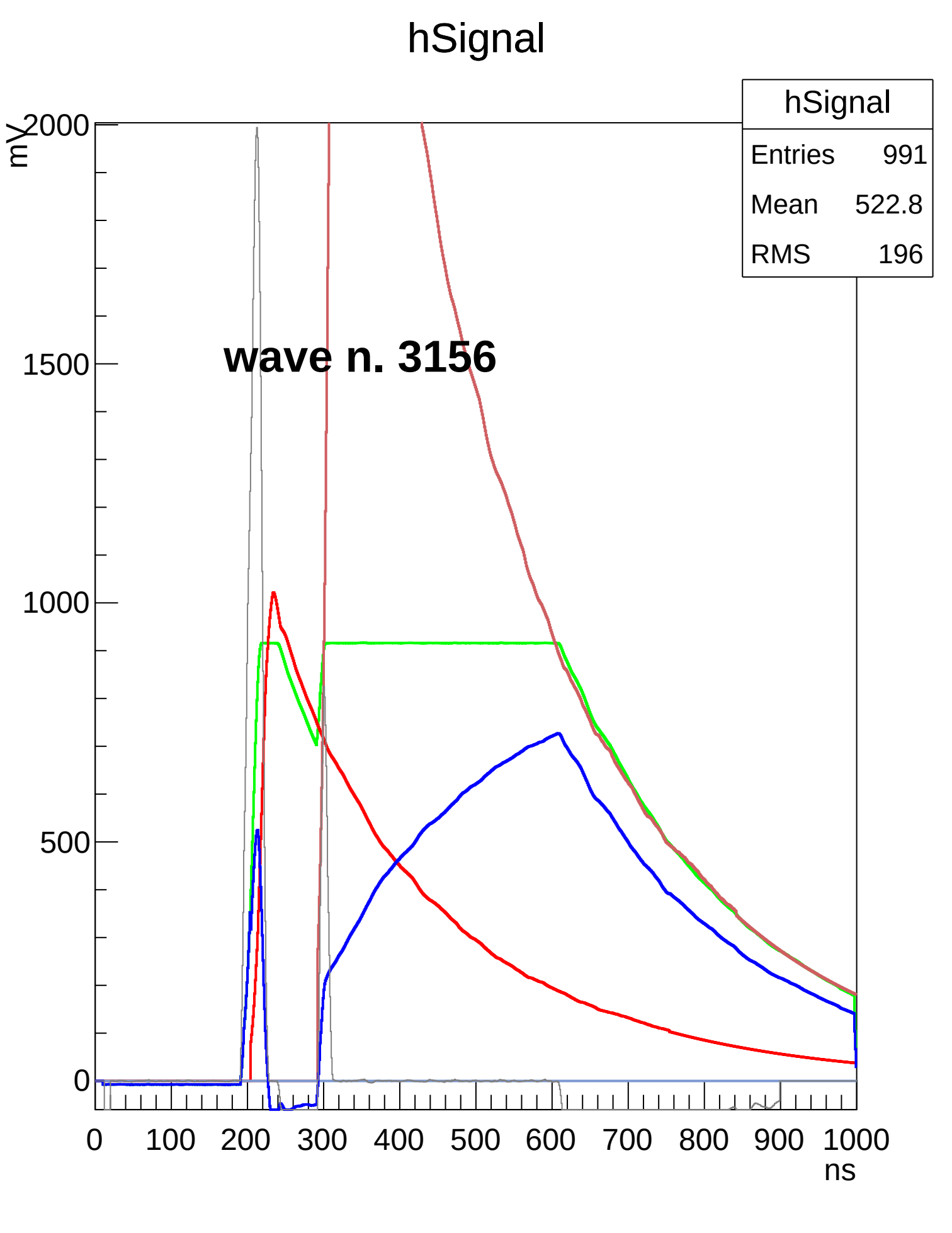

hSignal
hSignal
Entries 991
Mean 537.5
RMS 155.7
wave n. 3151
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

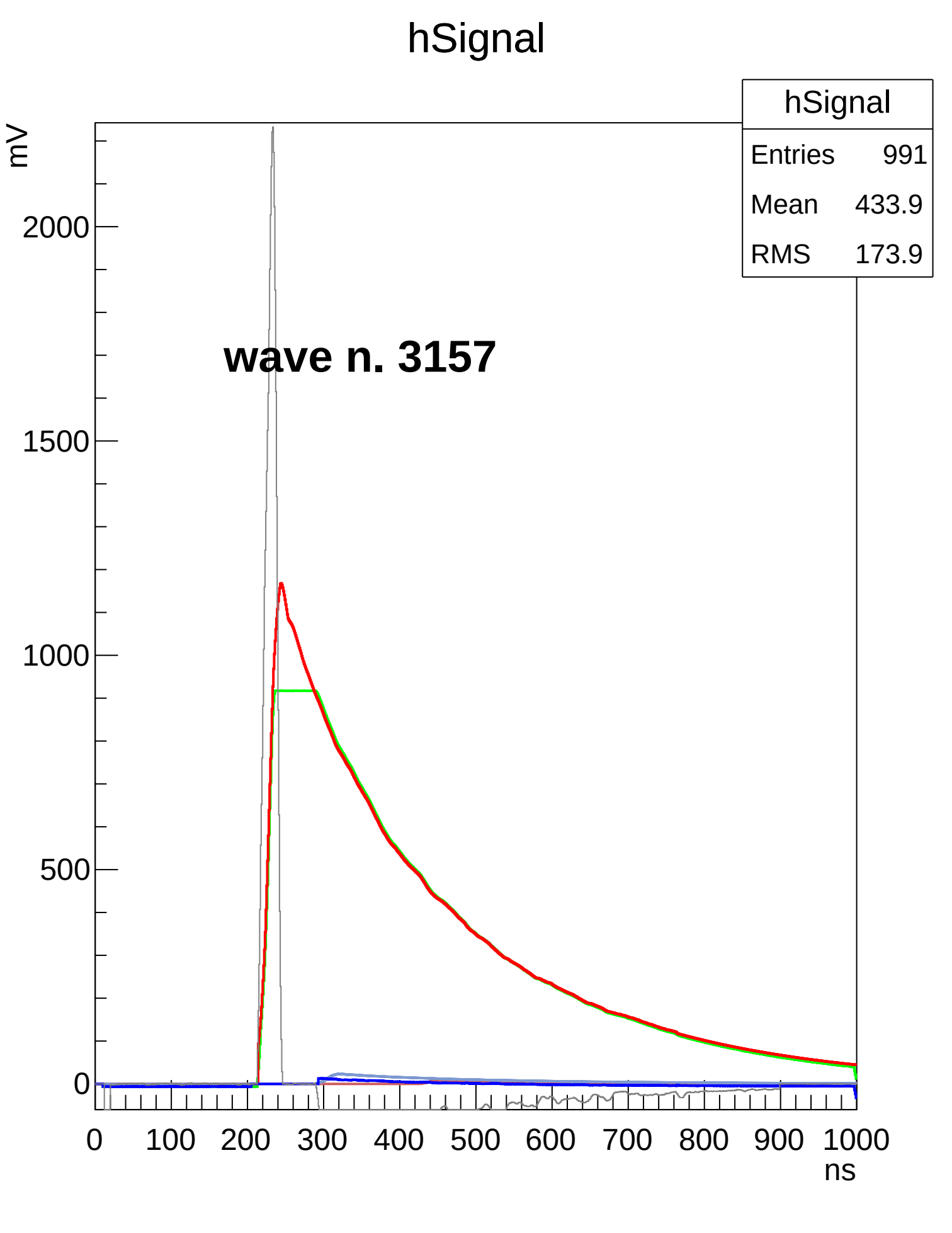

hSignal
hSignal
Entries 991
Mean 444.9
RMS 171
wave n. 3152
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

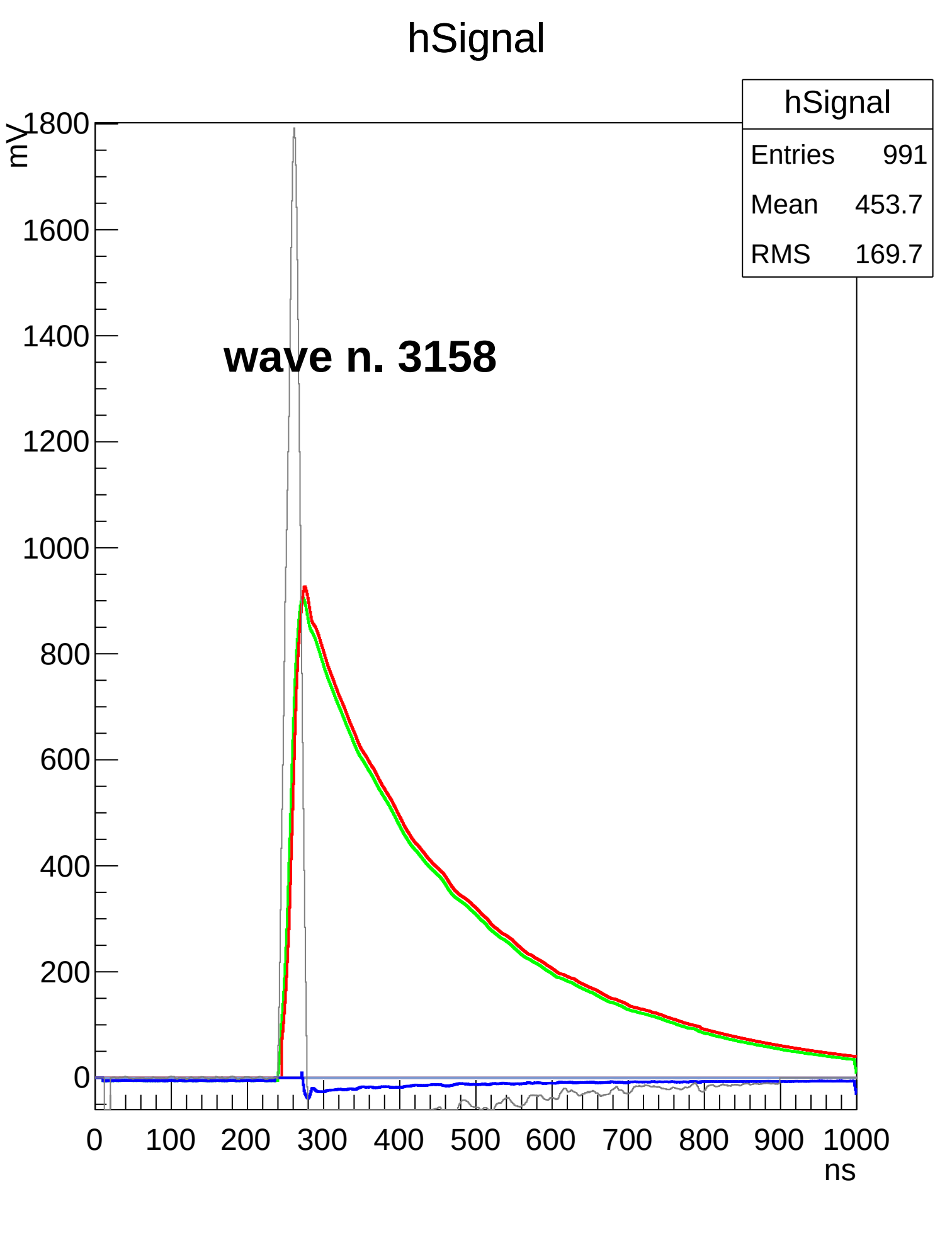

hSignal
hSignal
Entries 991
Mean 589
RMS 163.9
wave n. 3153
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 480.5
RMS 180.5
wave n. 3154
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558.9
RMS 401.6
wave n. 3155
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 522.8
RMS 196
wave n. 3156
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 433.9
RMS 173.9
wave n. 3157
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 453.7
RMS 169.7
wave n. 3158
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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800
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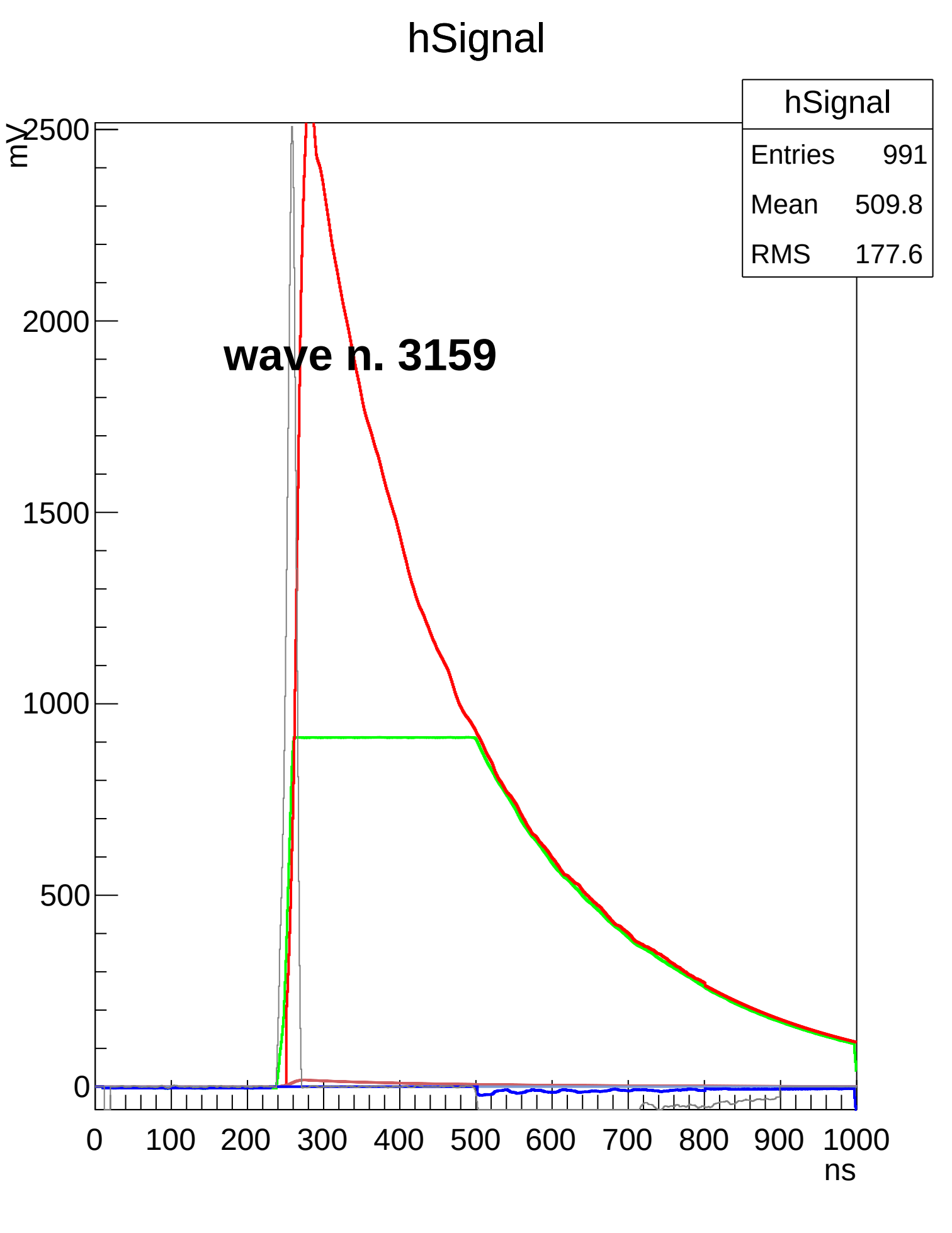
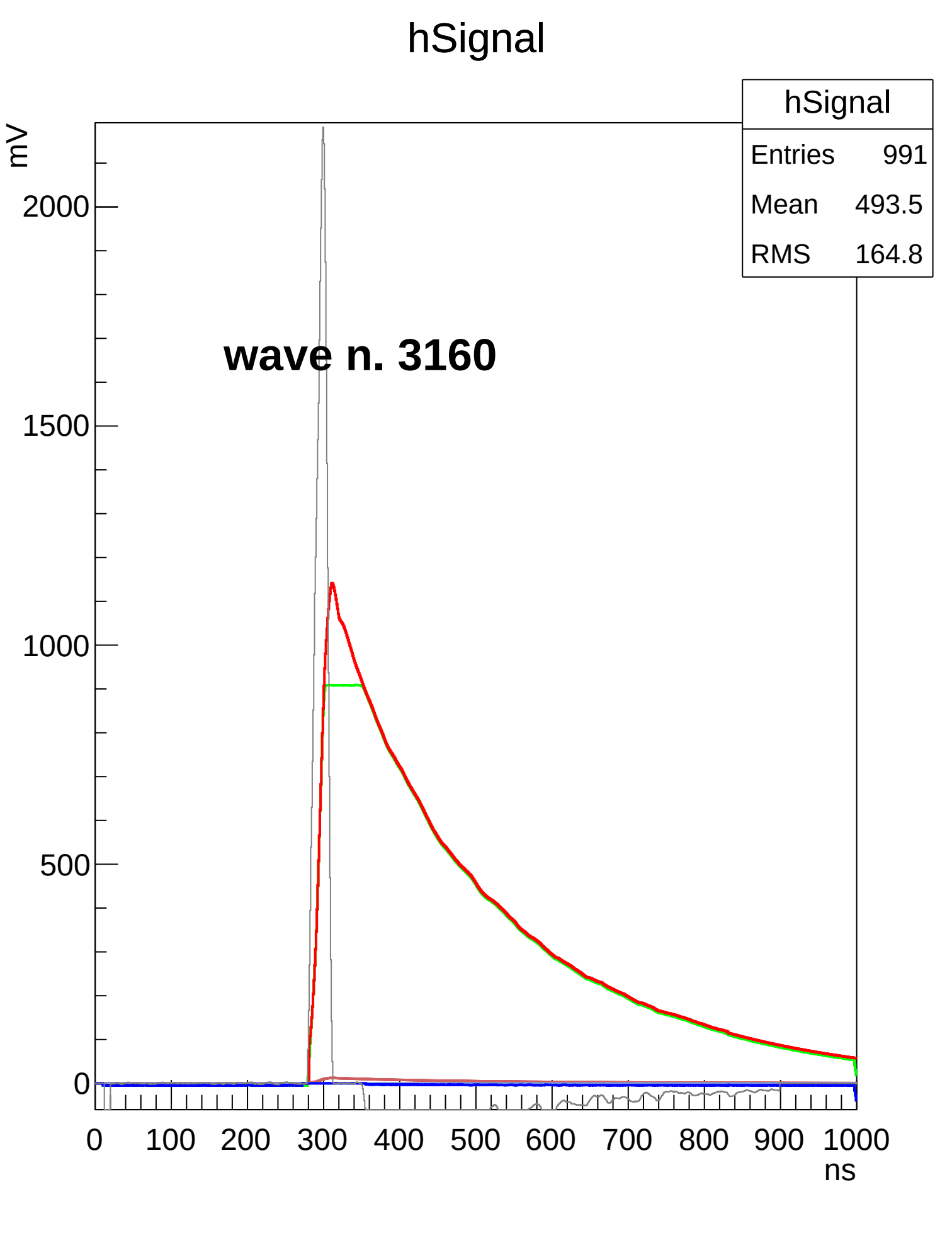
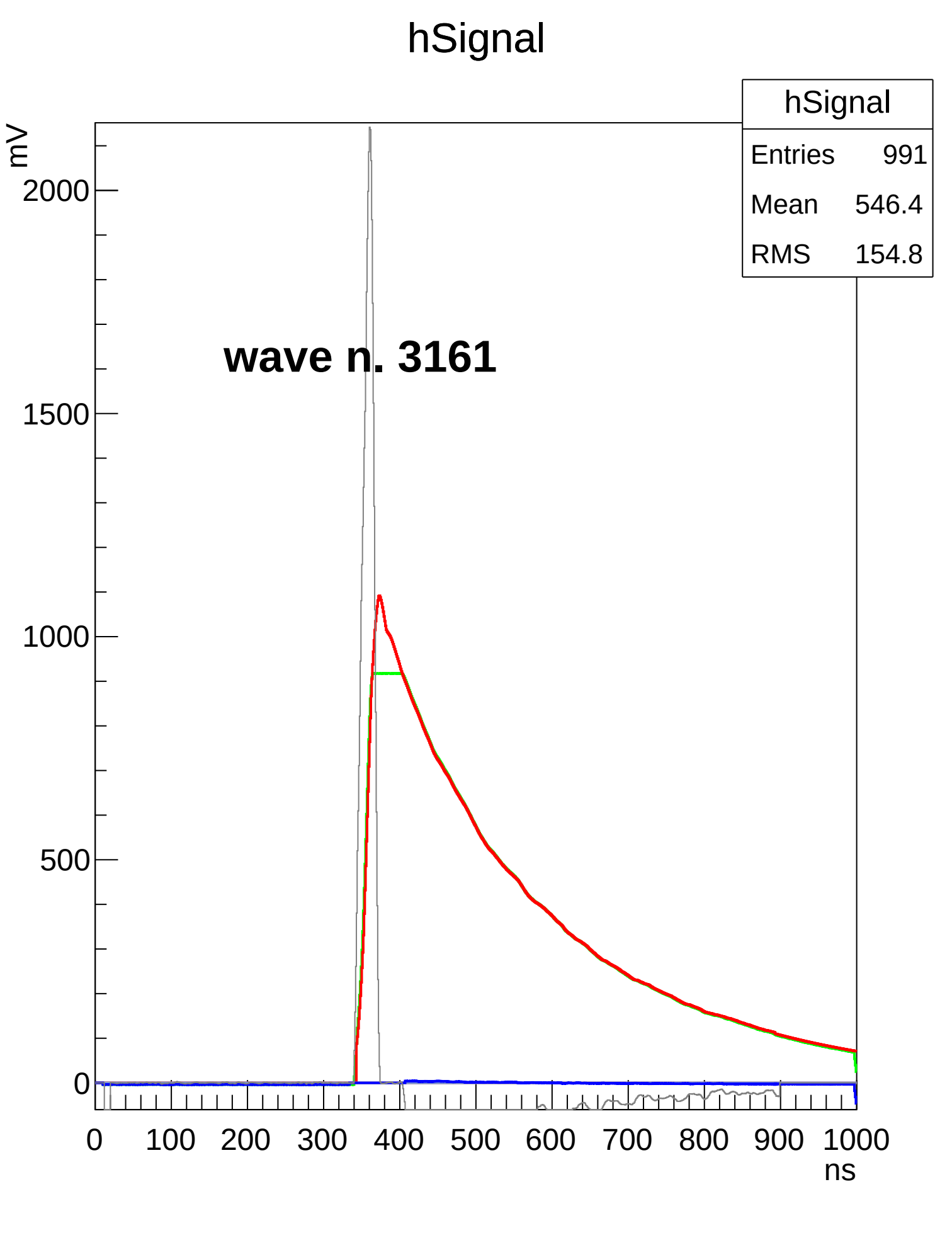
1000
ns


hSignal
hSignal
Entries 991
Mean 509.8
RMS 177.6
wave n. 3159
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 493.5
RMS 164.8
wave n. 3160
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 546.4
RMS 154.8
wave n. 3161
mV
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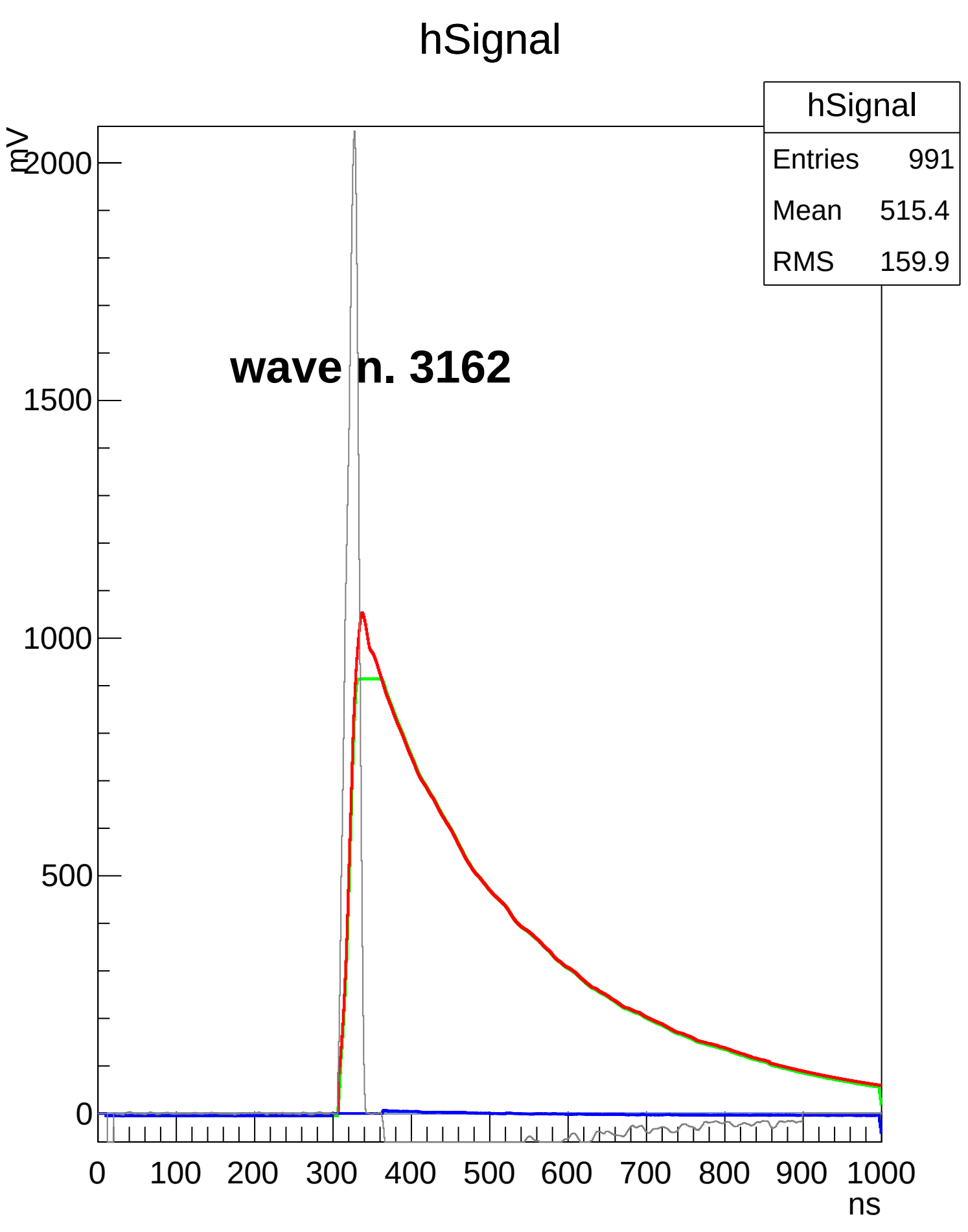
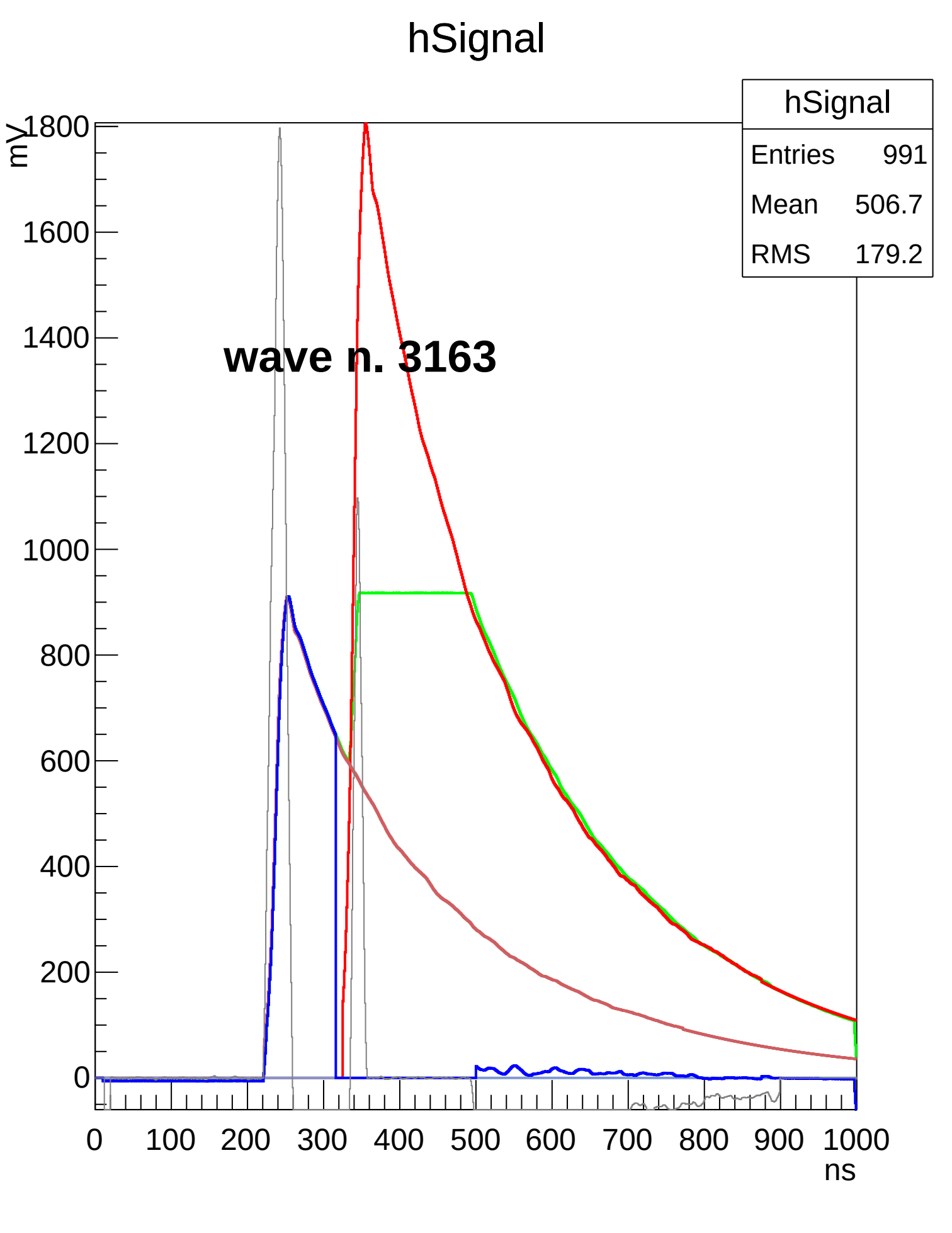
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.4
RMS 159.9
wave n. 3162
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 506.7
RMS 179.2
wave n. 3163
mV
1800
1600
1400
1200
1000
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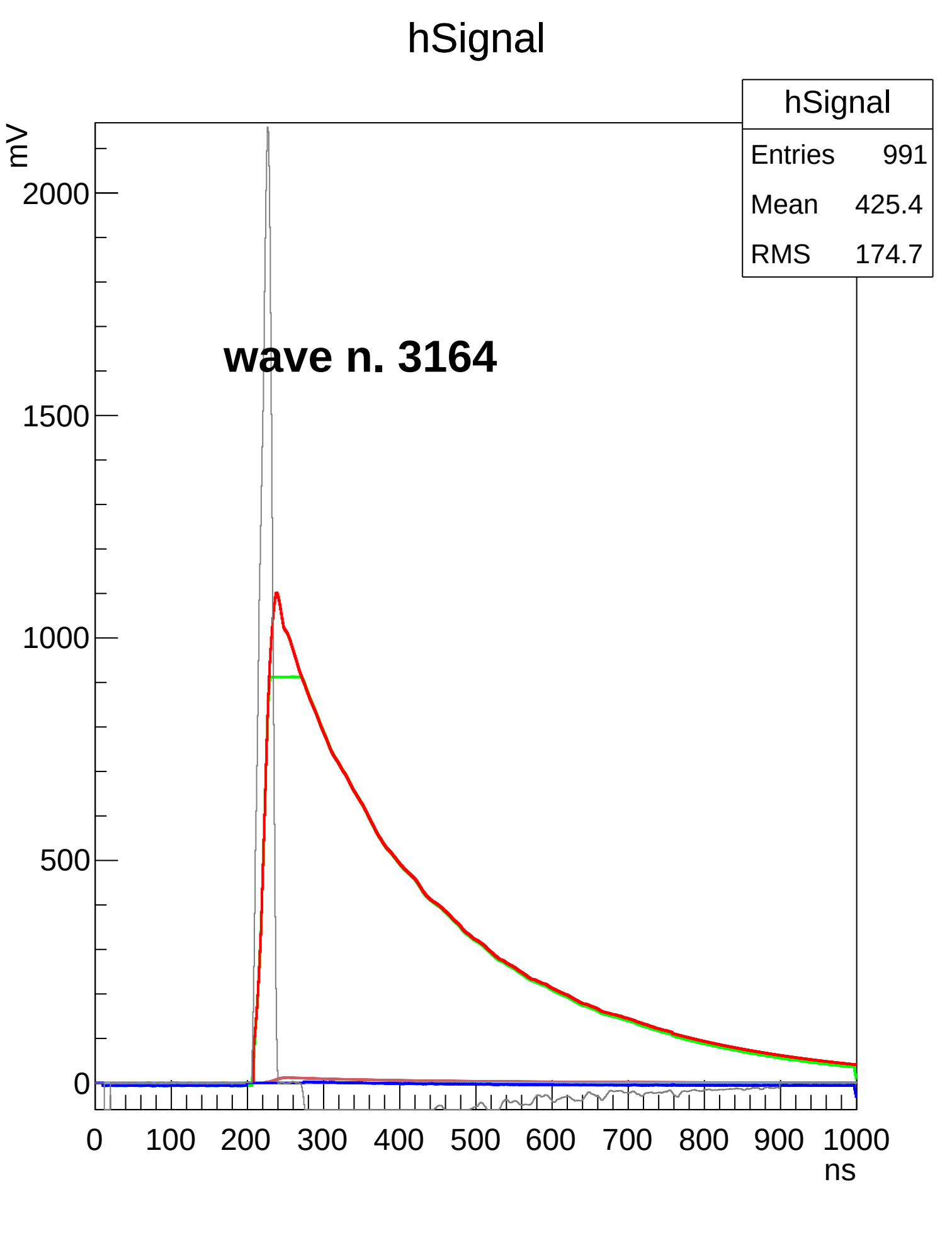
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 425.4
RMS 174.7
wave n. 3164
mV
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1500
1000
500
0
0
100
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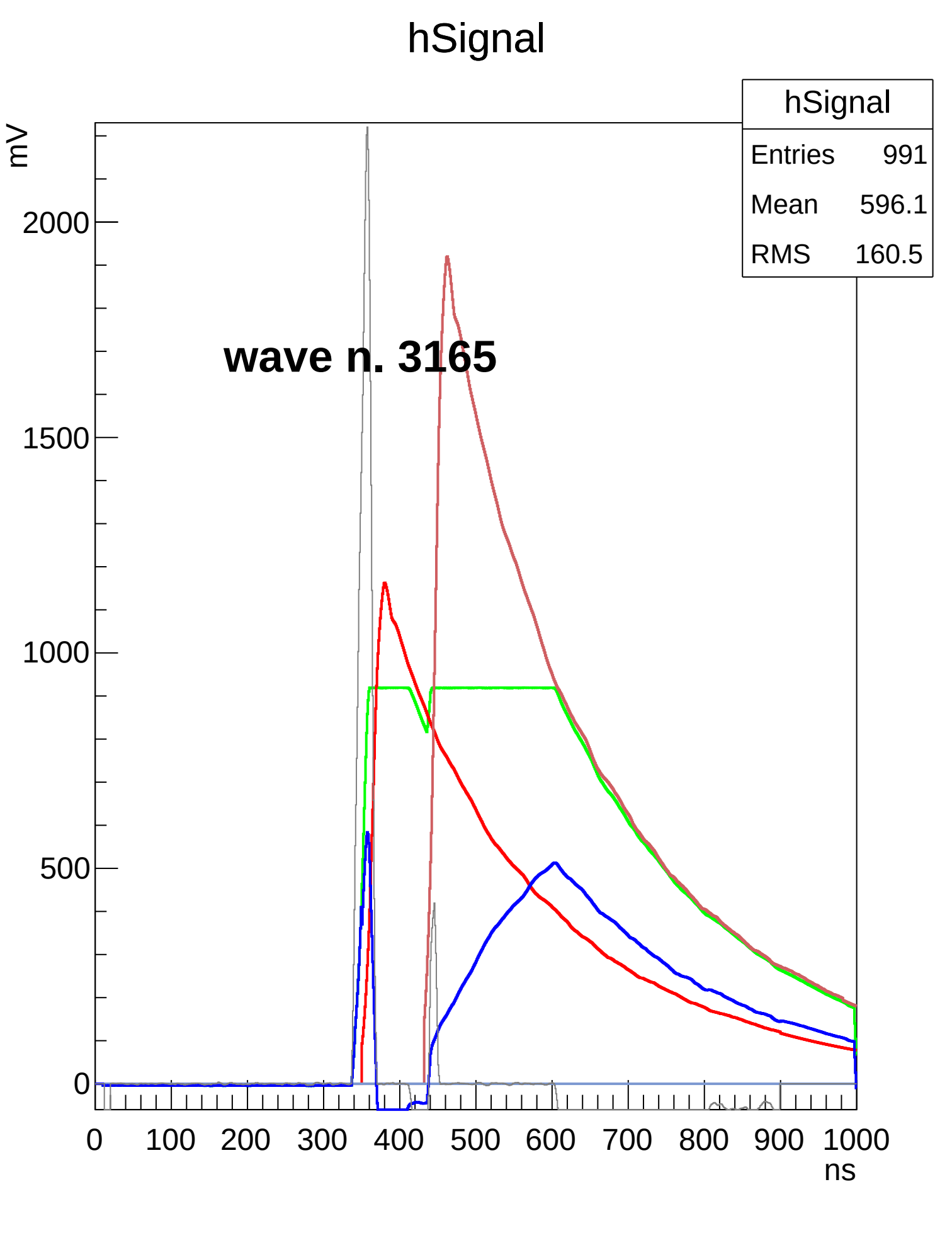
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 596.1
RMS 160.5
wave n. 3165
mV
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1500
1000
500
0
0
100
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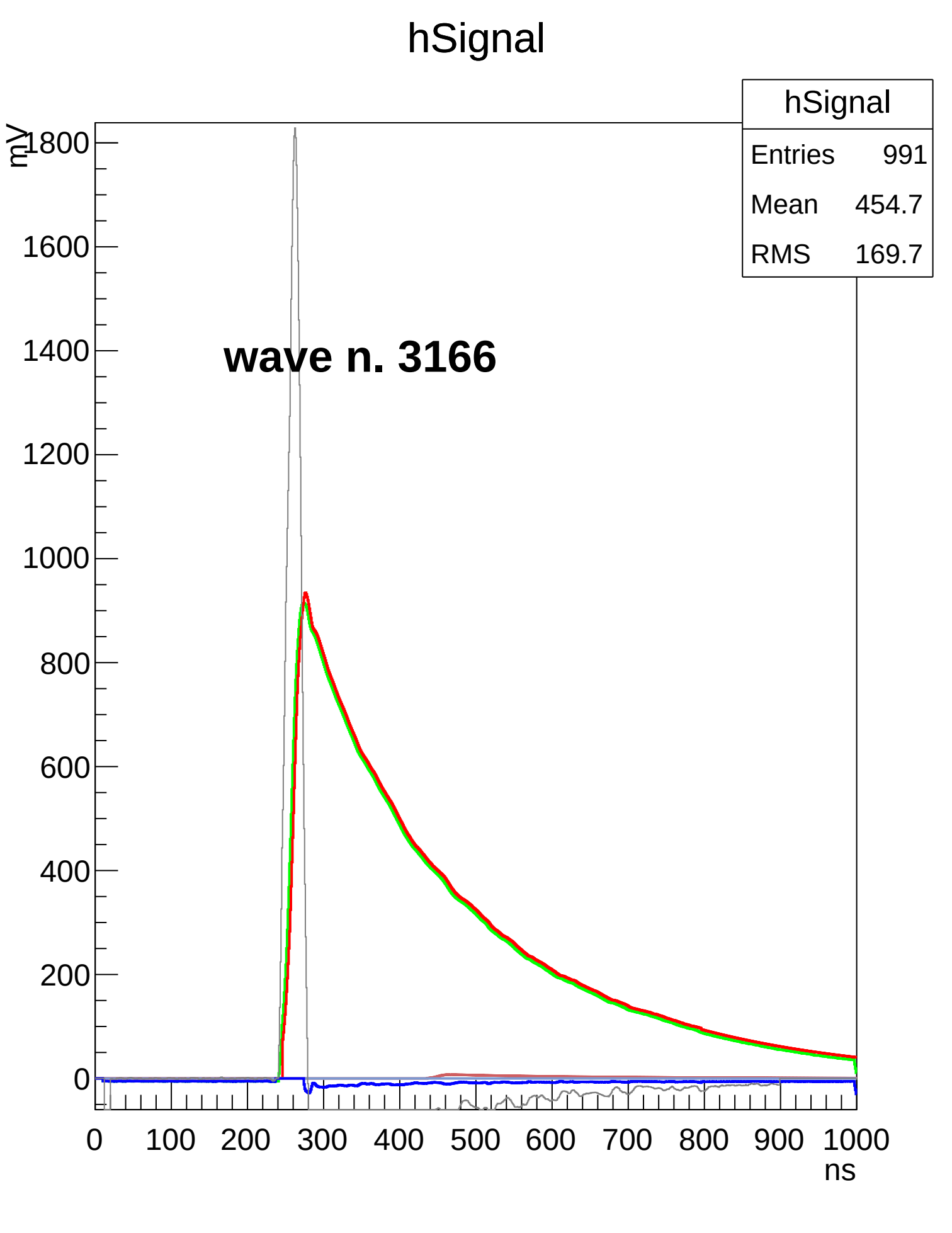
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 454.7
RMS 169.7
wave n. 3166
mV
1800
1600
1400
1200
1000
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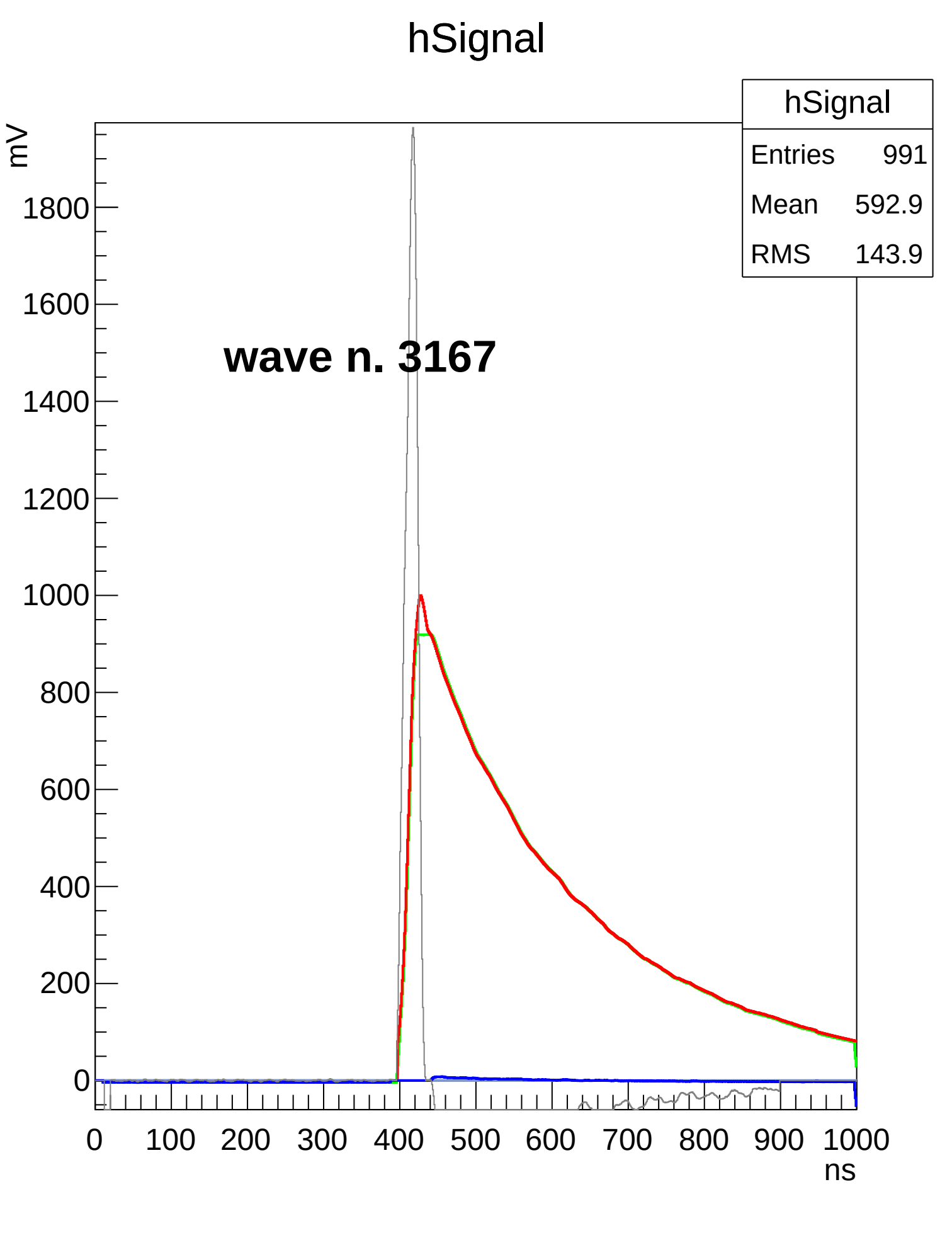
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 592.9
RMS 143.9
wave n. 3167
mV
1800
1600
1400
1200
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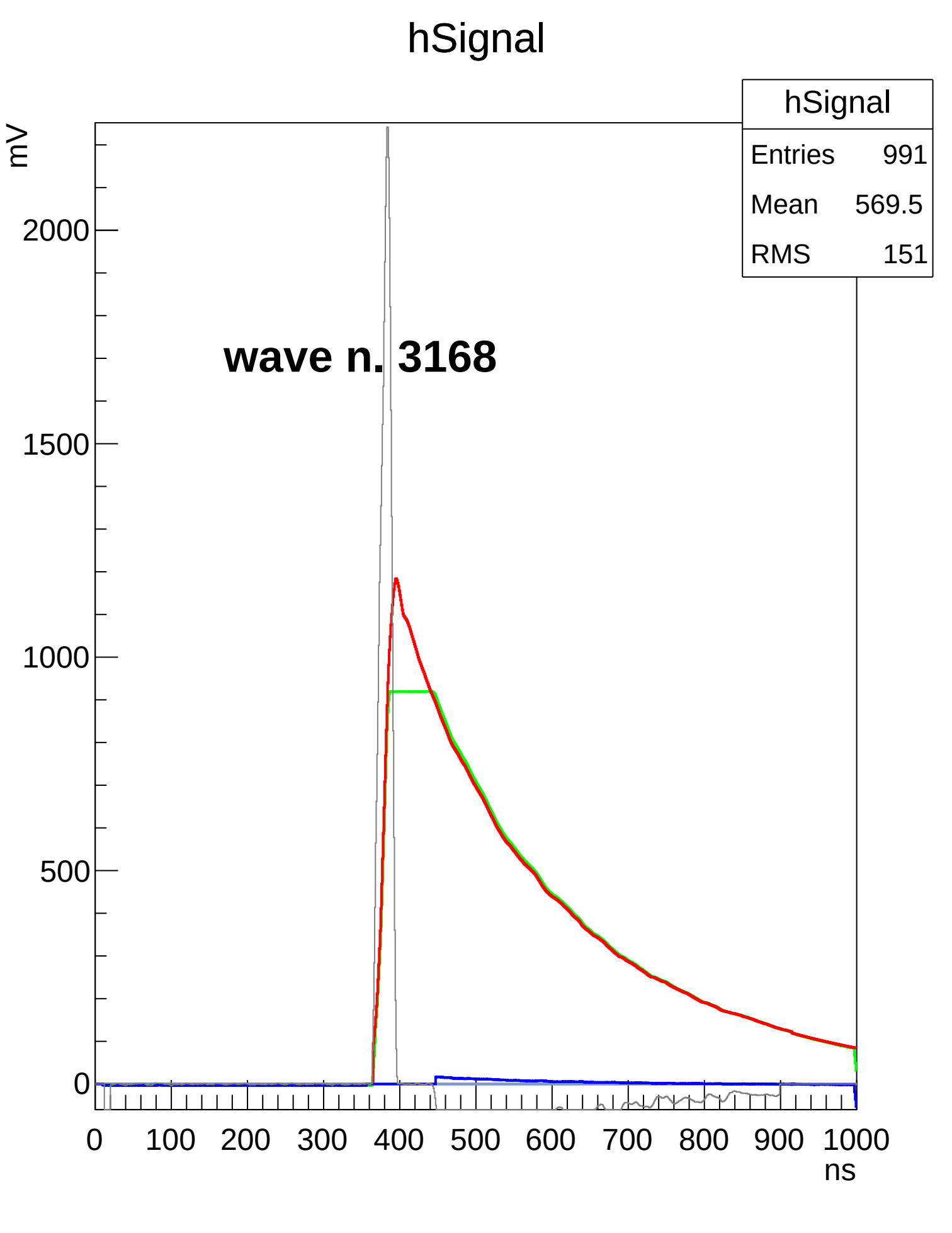
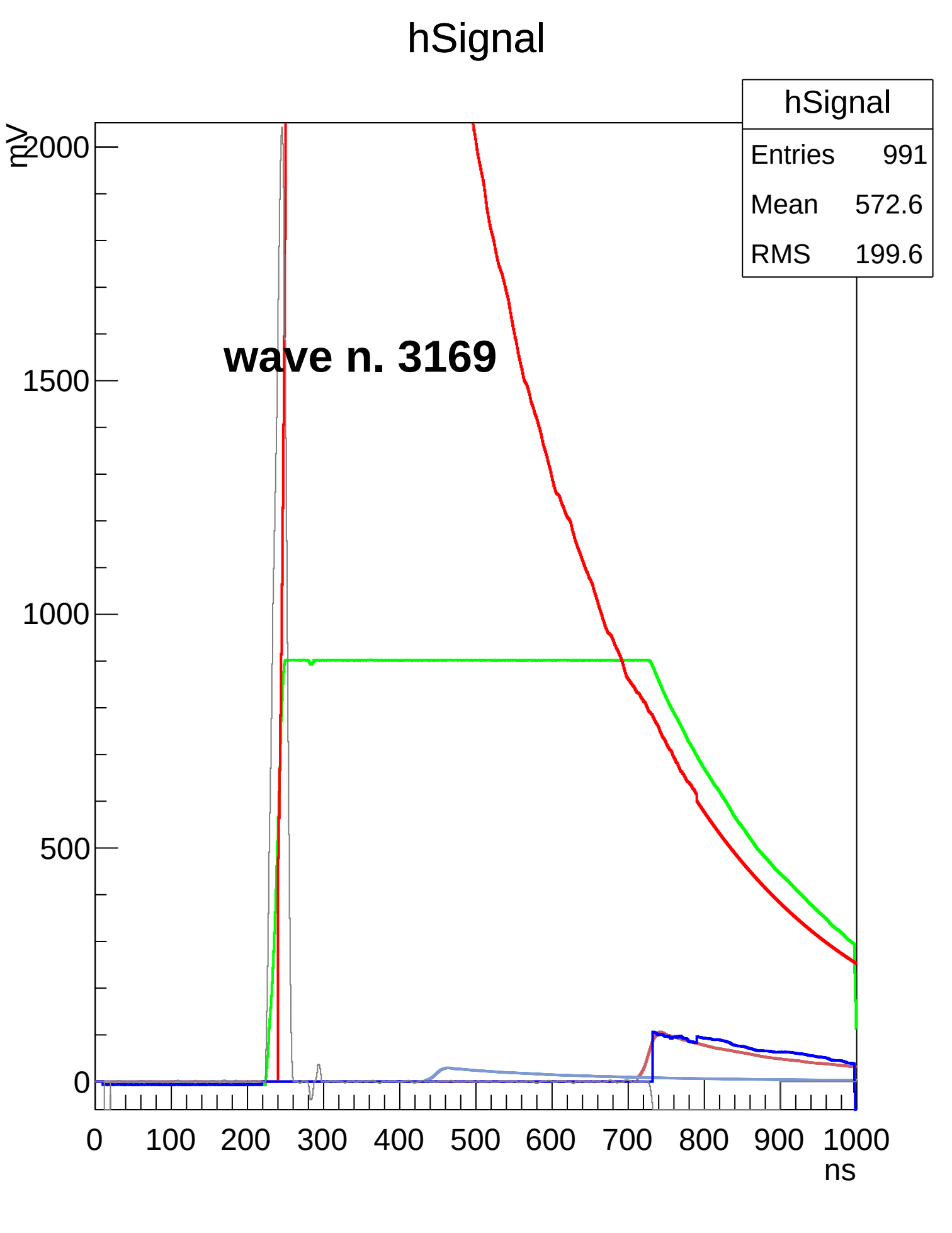
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 569.5
RMS 151
wave n. 3168
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 572.6
RMS 199.6
wave n. 3169
mV
2000
1500
1000
500
0
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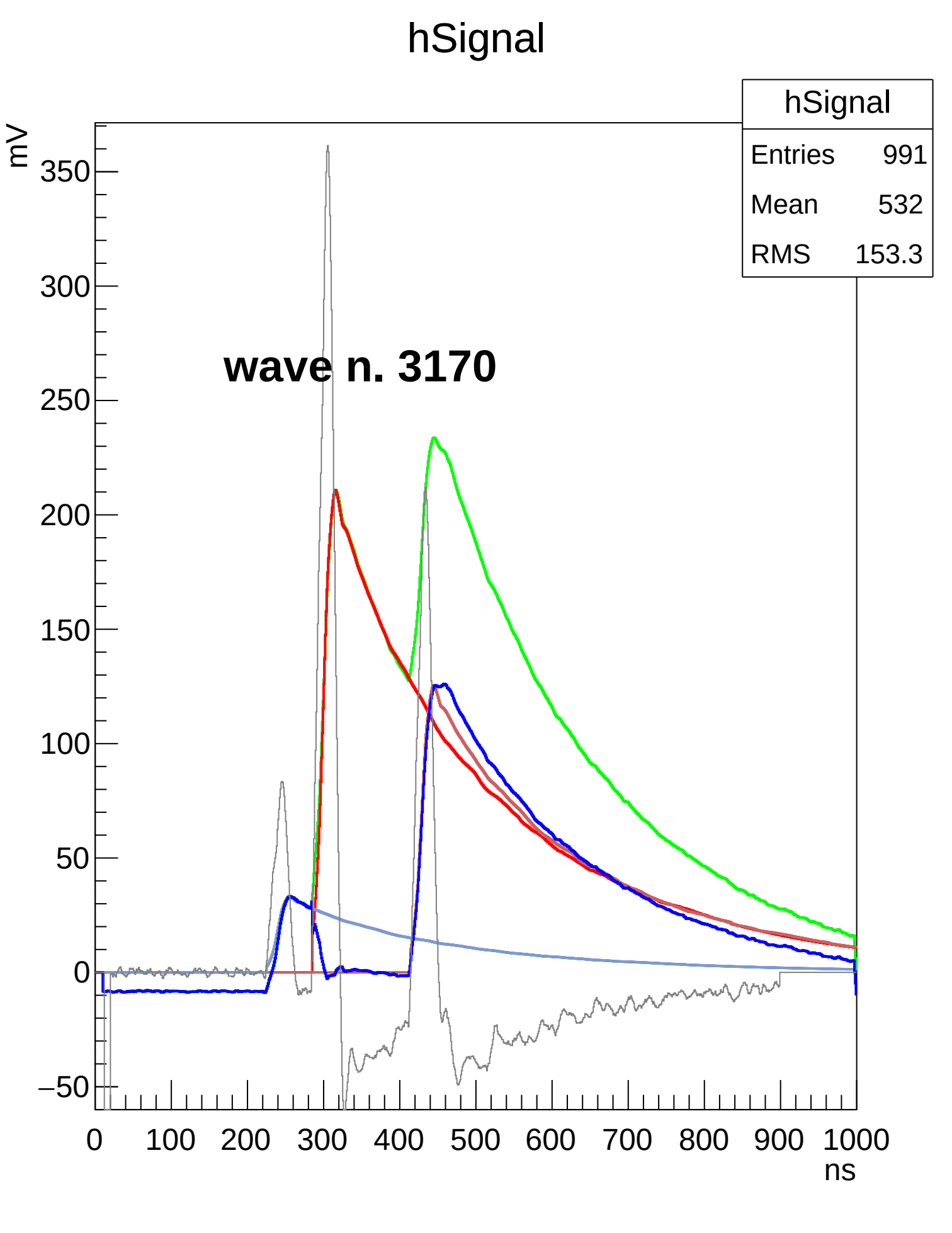
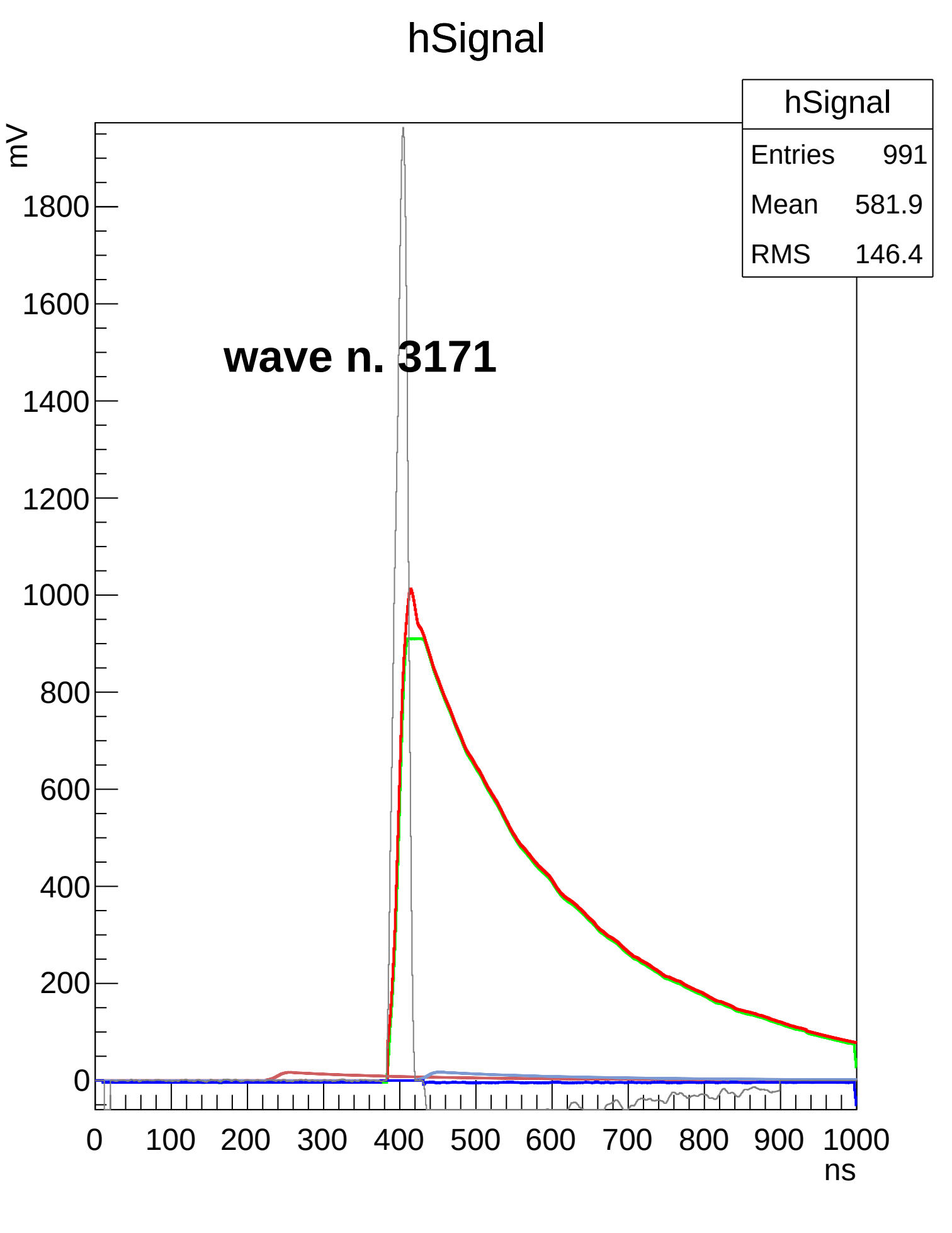
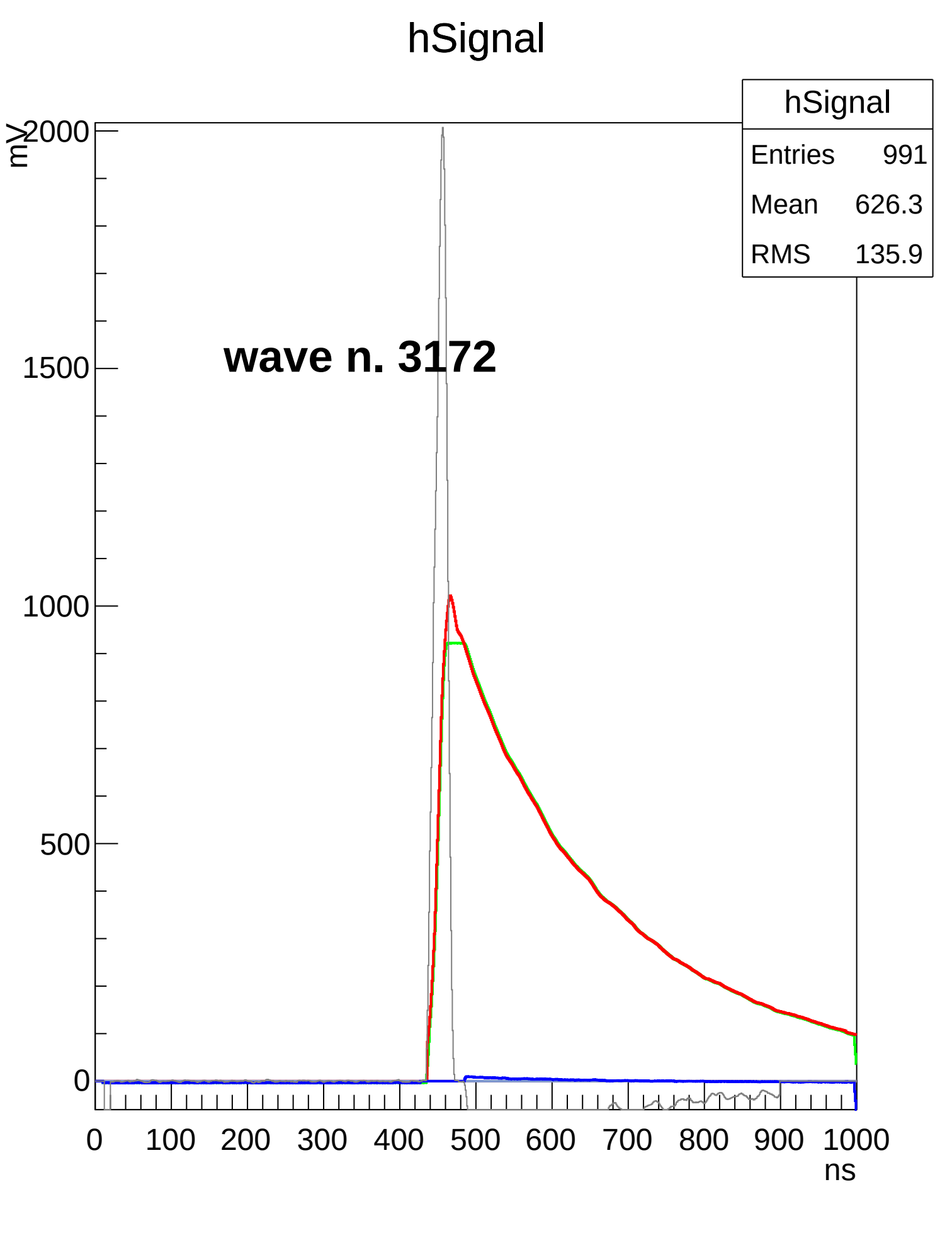
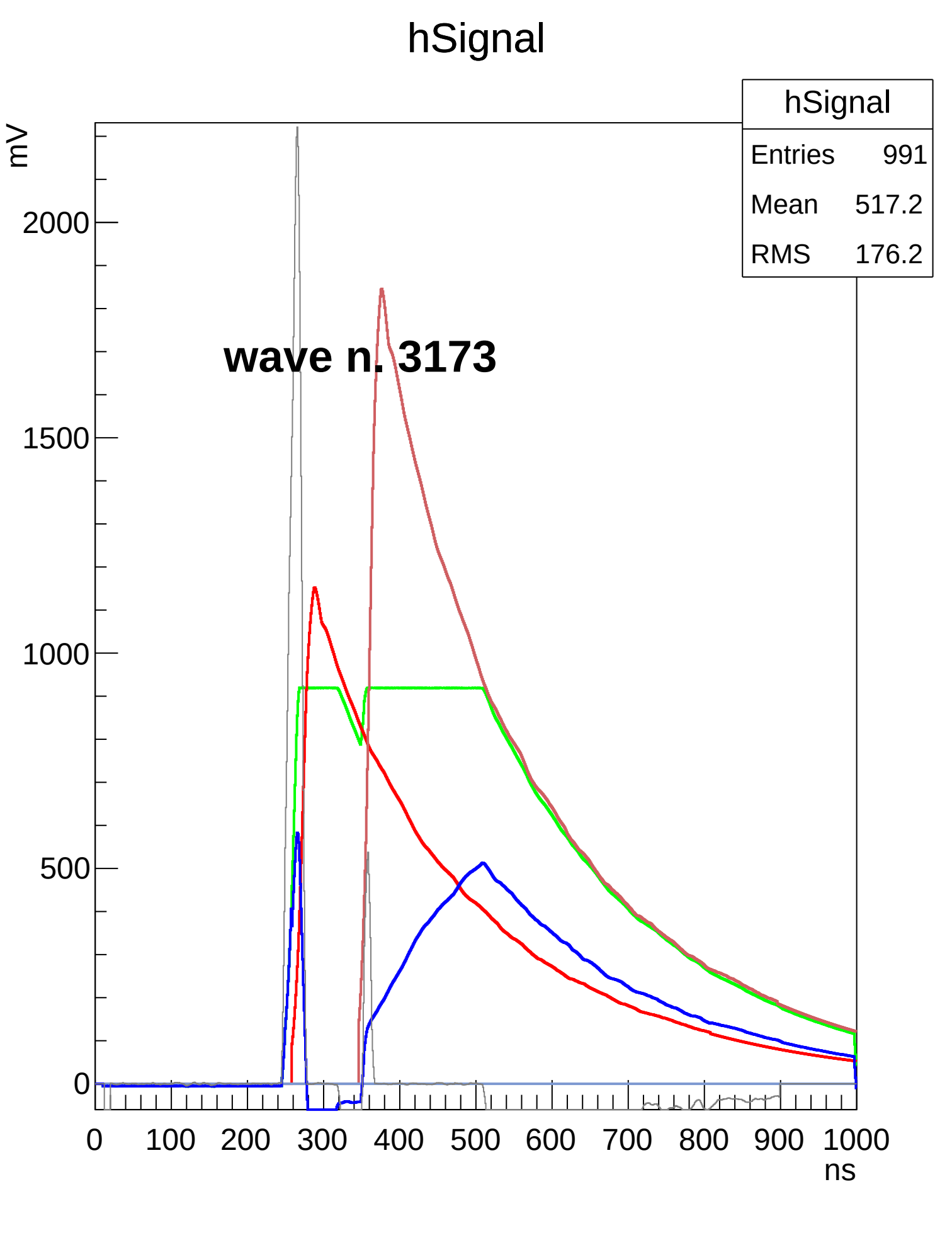
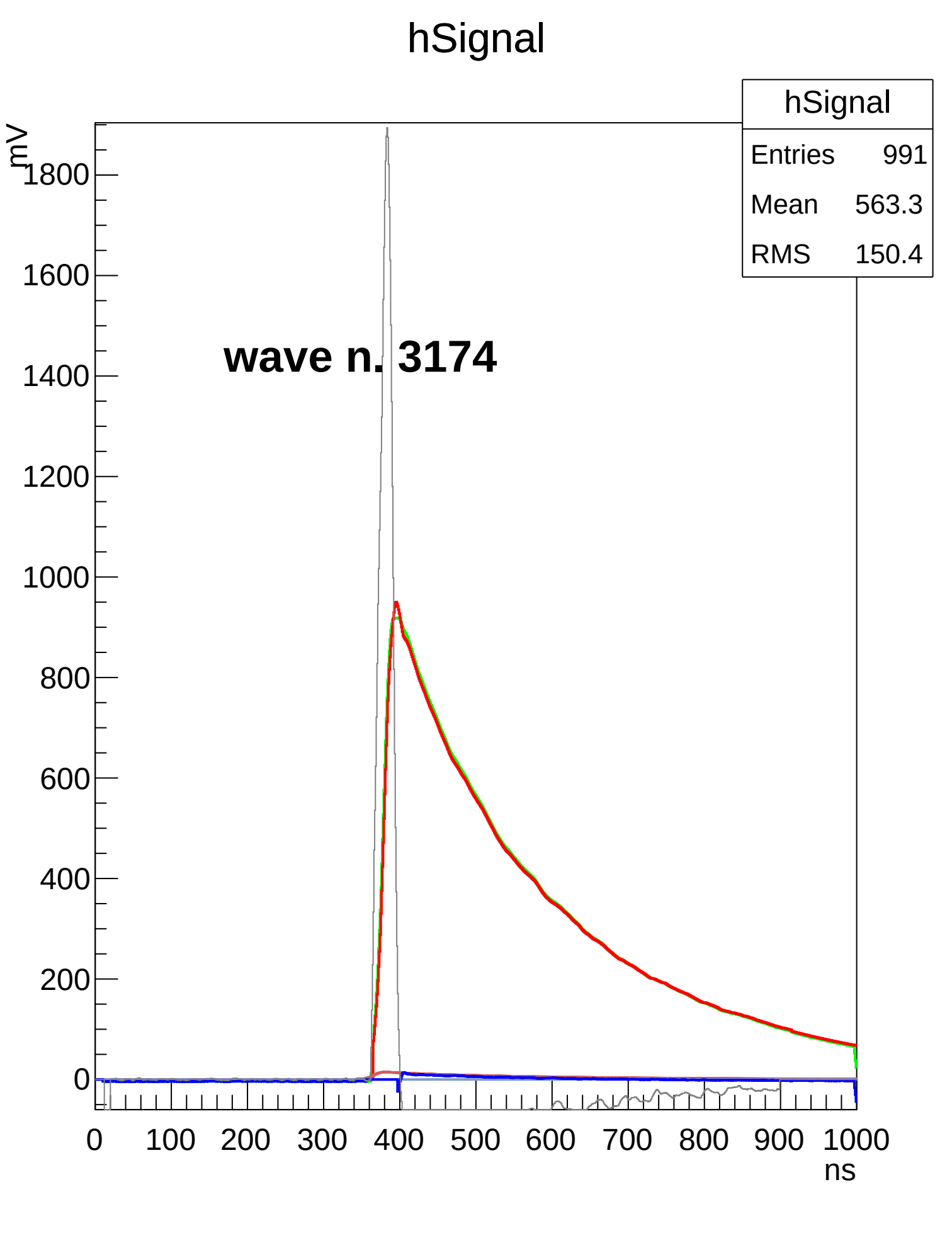
ns

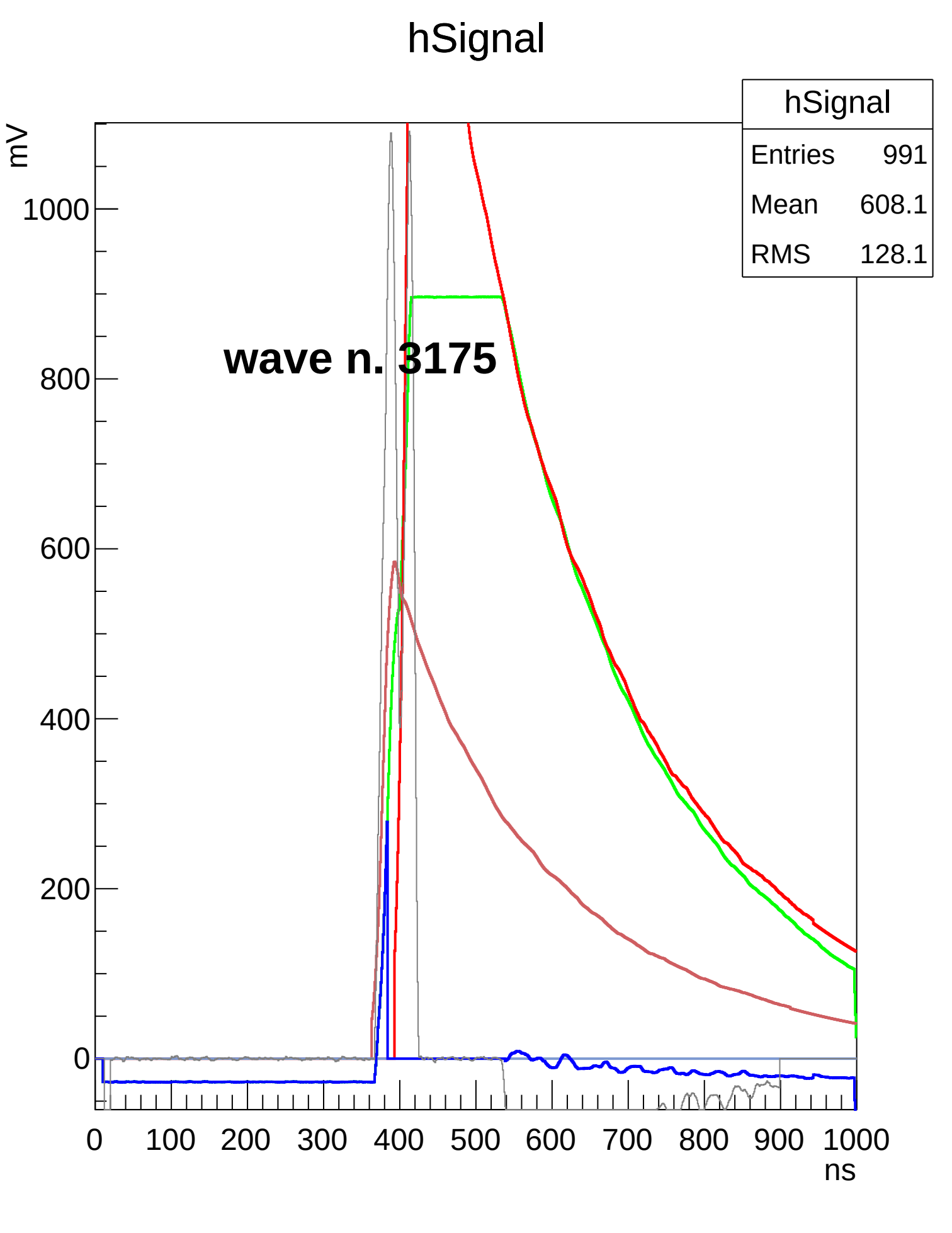

hSignal
hSignal
Entries 991
Mean 532
RMS 153.3
wave n. 3170
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

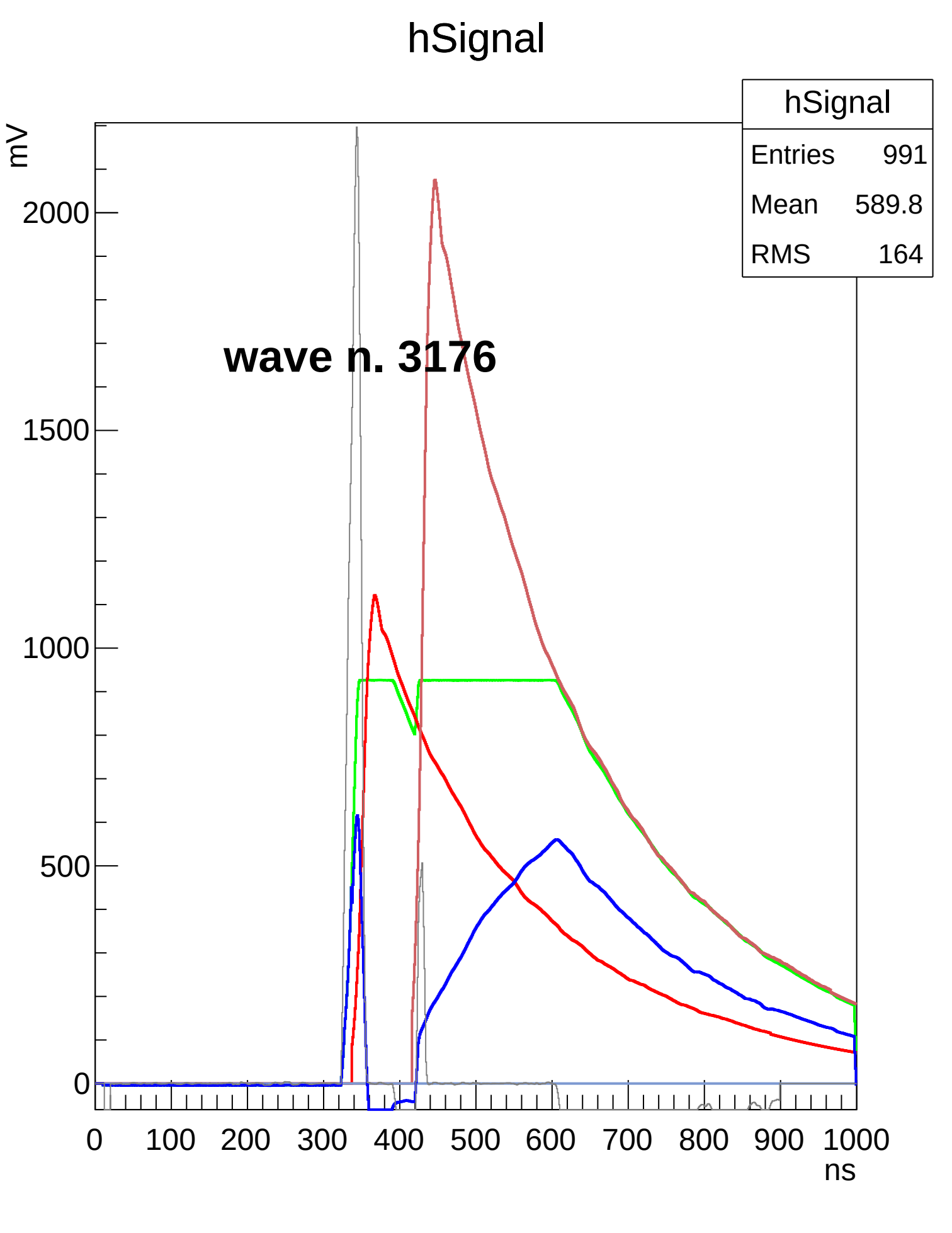

hSignal
hSignal
Entries 991
Mean 581.9
RMS 146.4
wave n. 3171
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

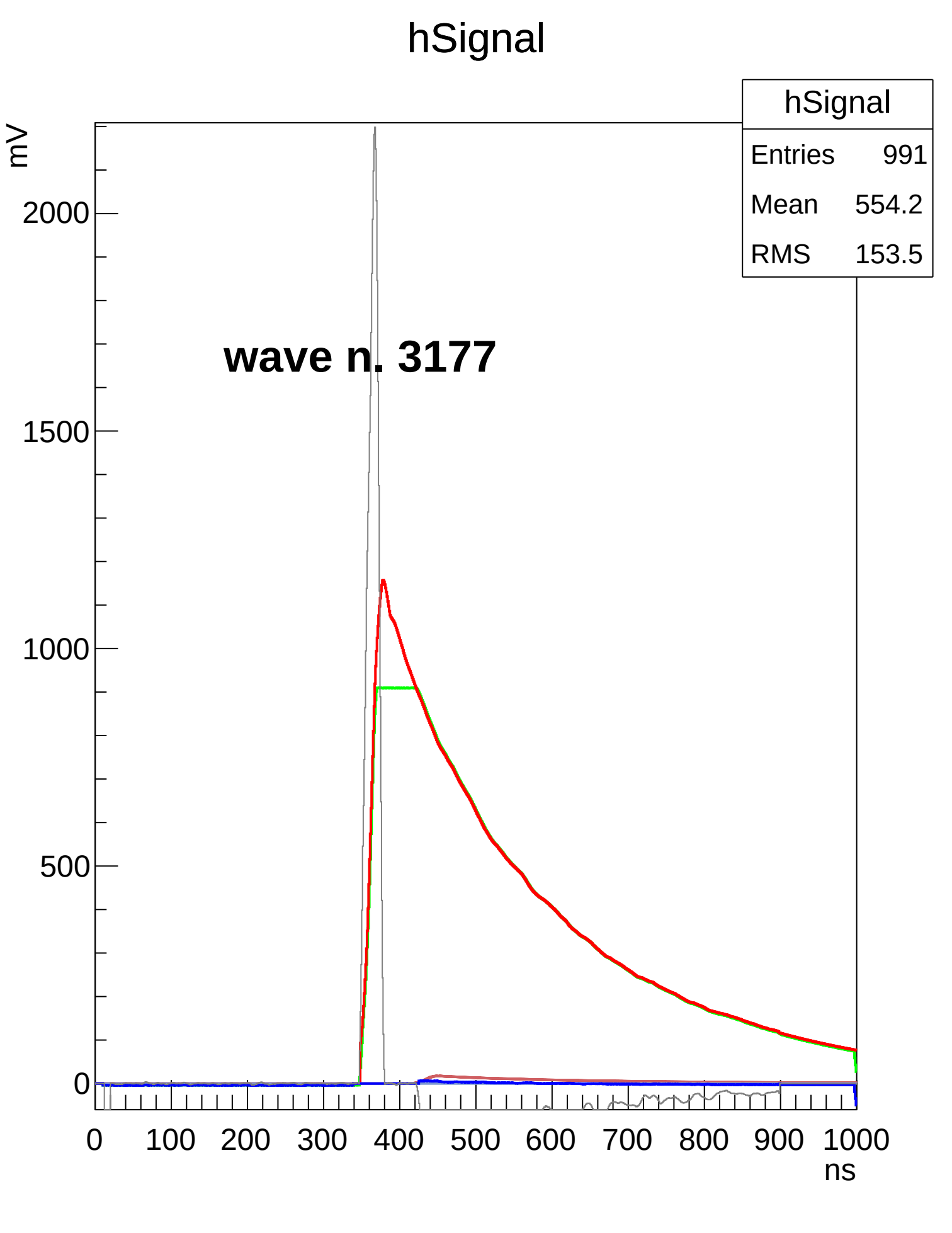

hSignal
hSignal
Entries 991
Mean 626.3
RMS 135.9
wave n. 3172
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

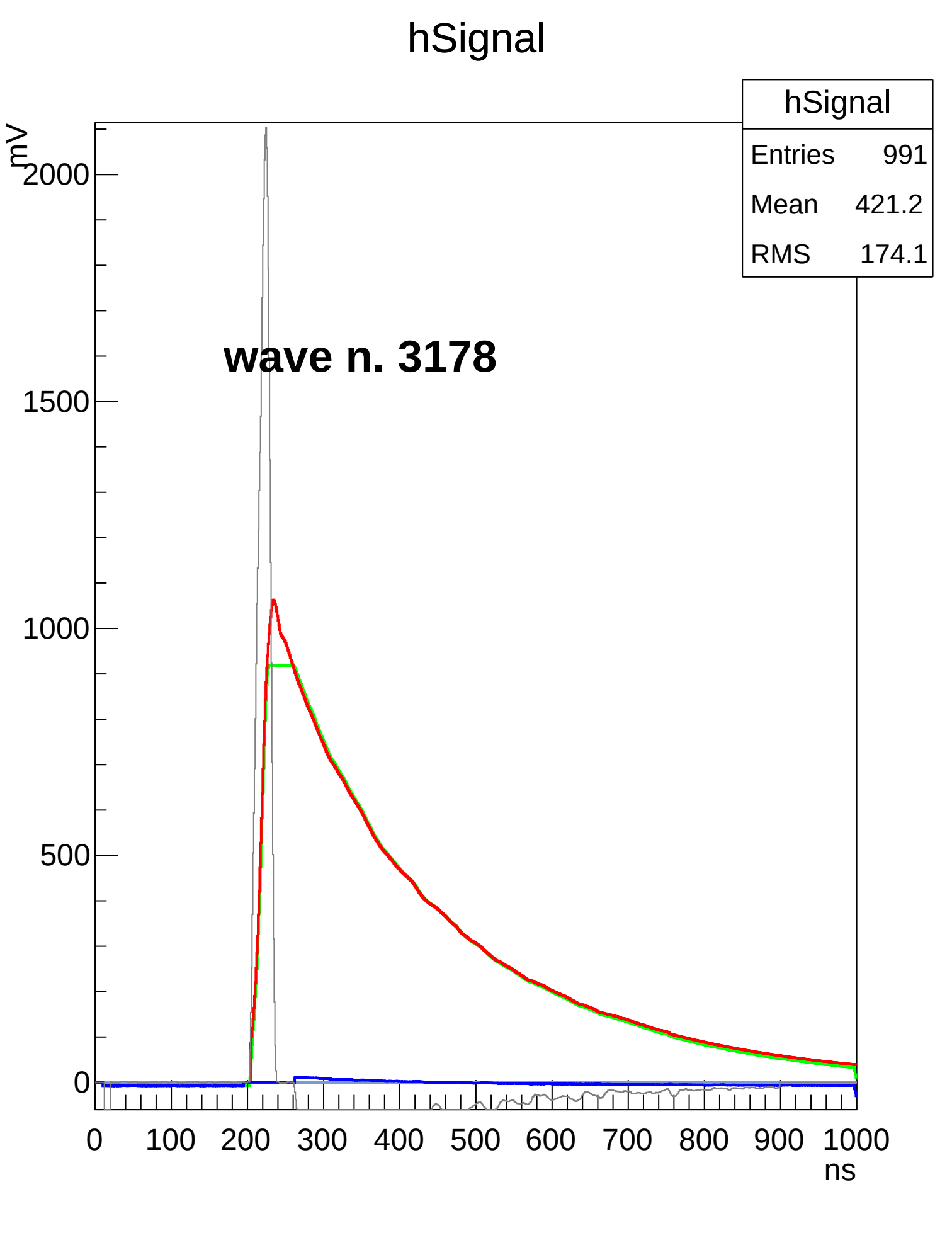

hSignal
hSignal
Entries 991
Mean 517.2
RMS 176.2
wave n. 3173
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

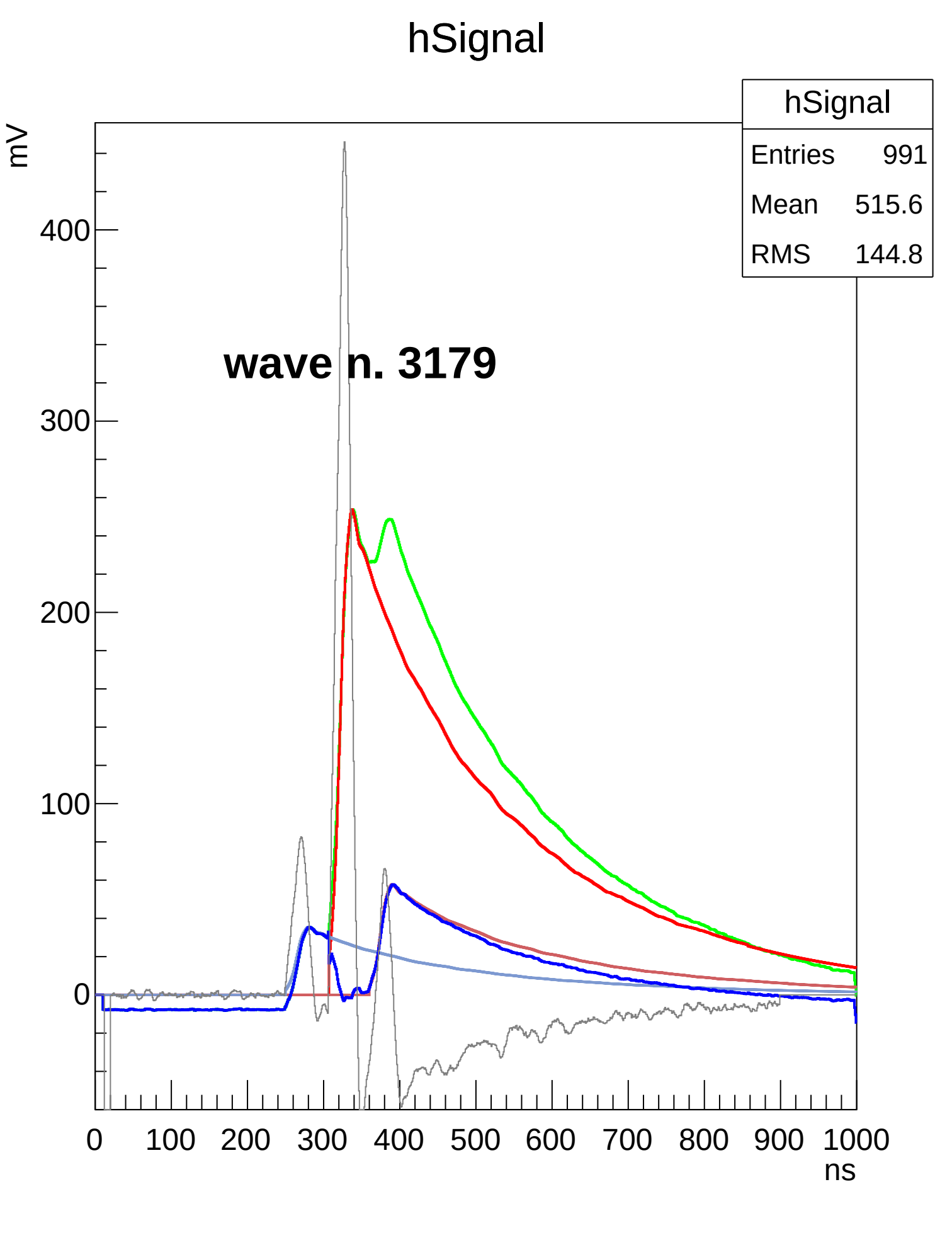

hSignal
hSignal
Entries 991
Mean 563.3
RMS 150.4
wave n. 3174
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

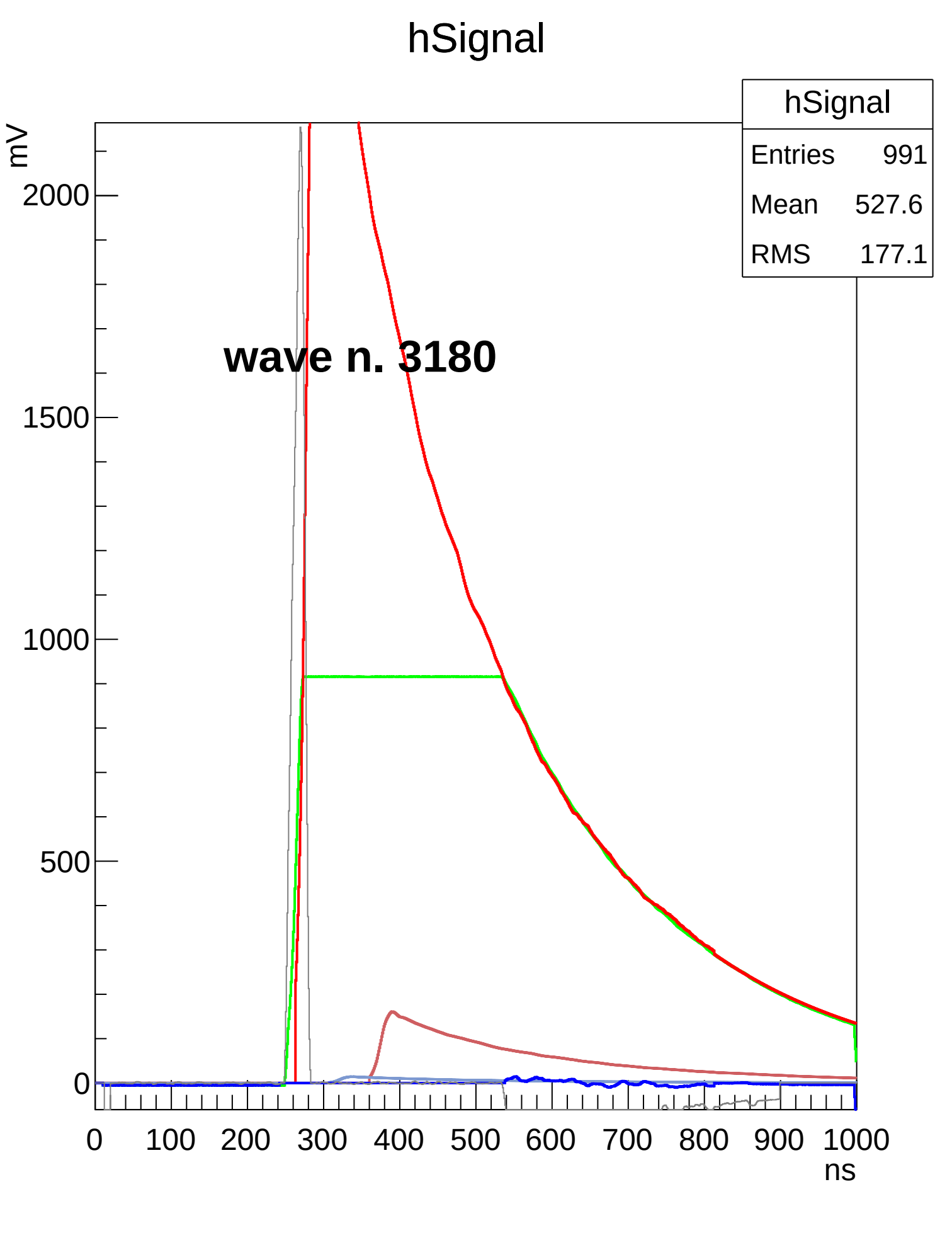

hSignal
hSignal
Entries 991
Mean 608.1
RMS 128.1
wave n. 3175
mV
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

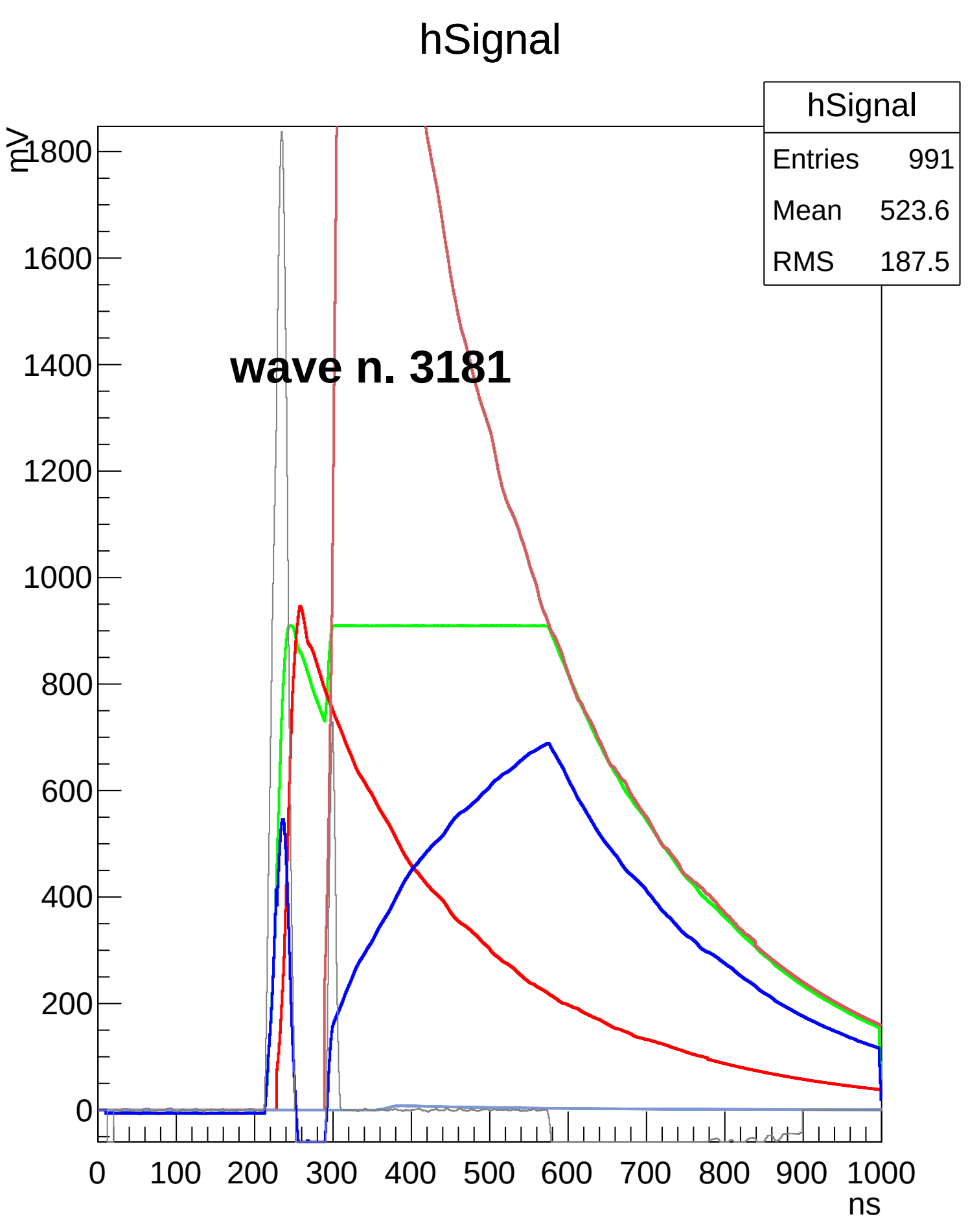

hSignal
hSignal
Entries 991
Mean 589.8
RMS 164
wave n. 3176
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

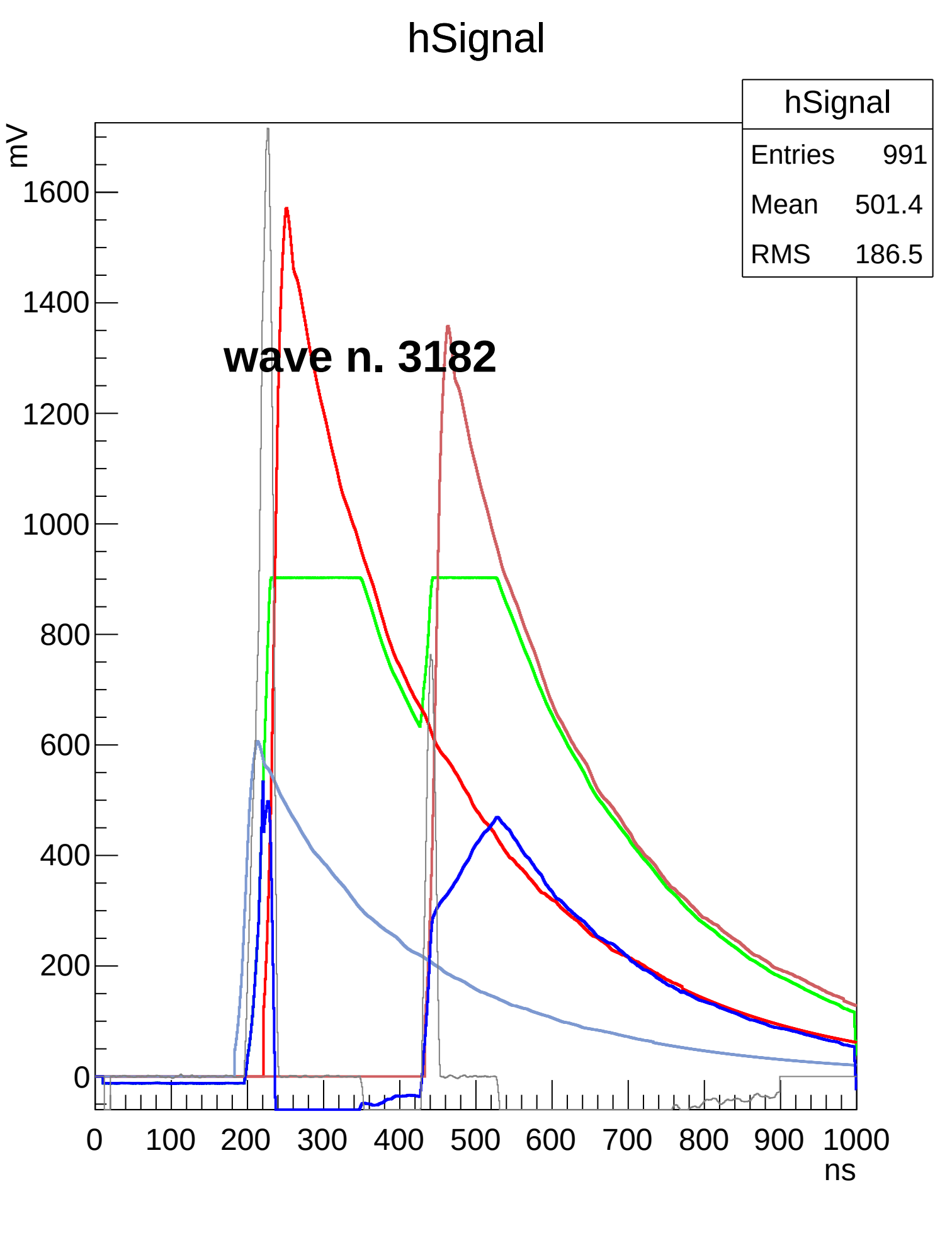

hSignal
hSignal
Entries 991
Mean 554.2
RMS 153.5
wave n. 3177
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

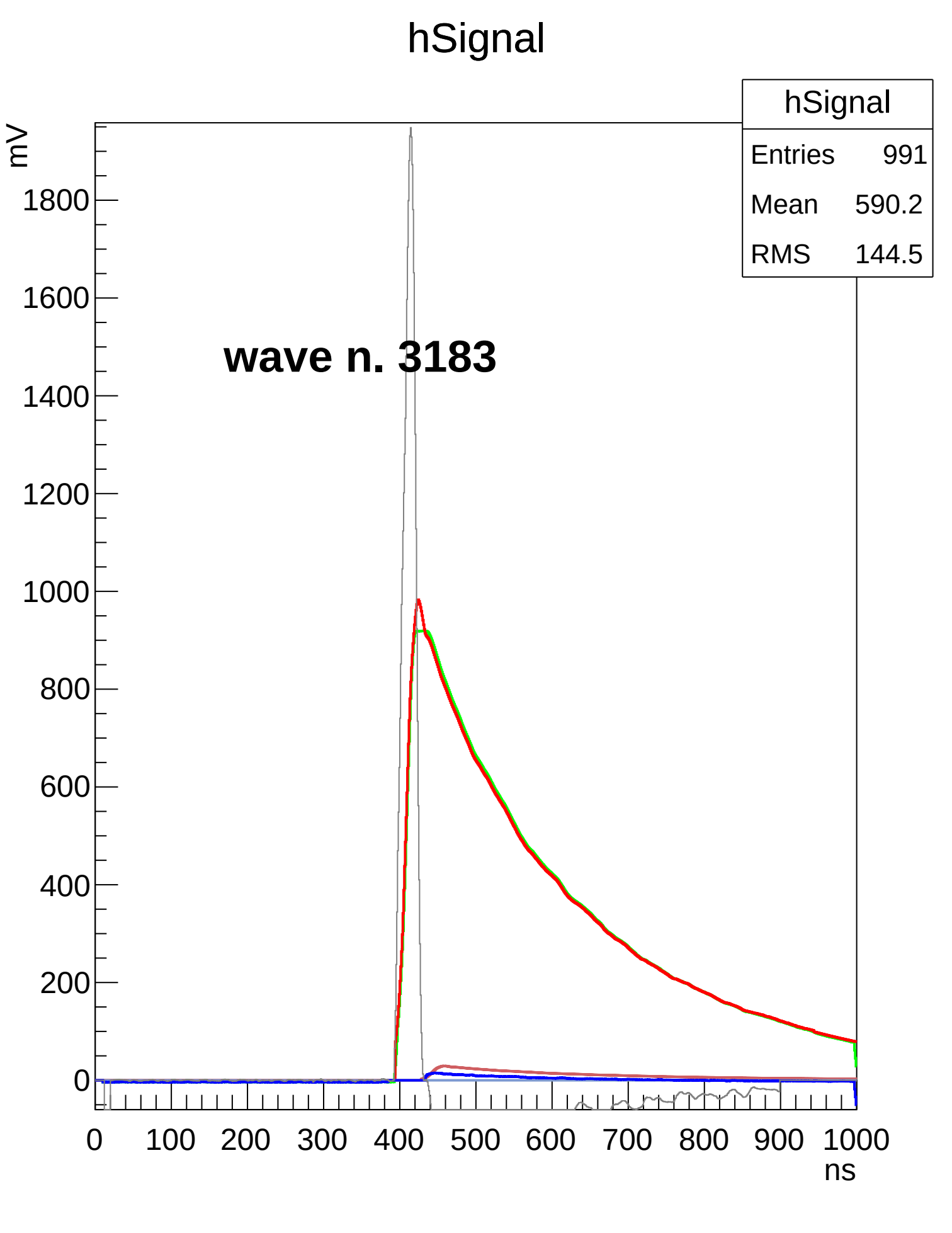

hSignal
hSignal
Entries 991
Mean 421.2
RMS 174.1
wave n. 3178
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

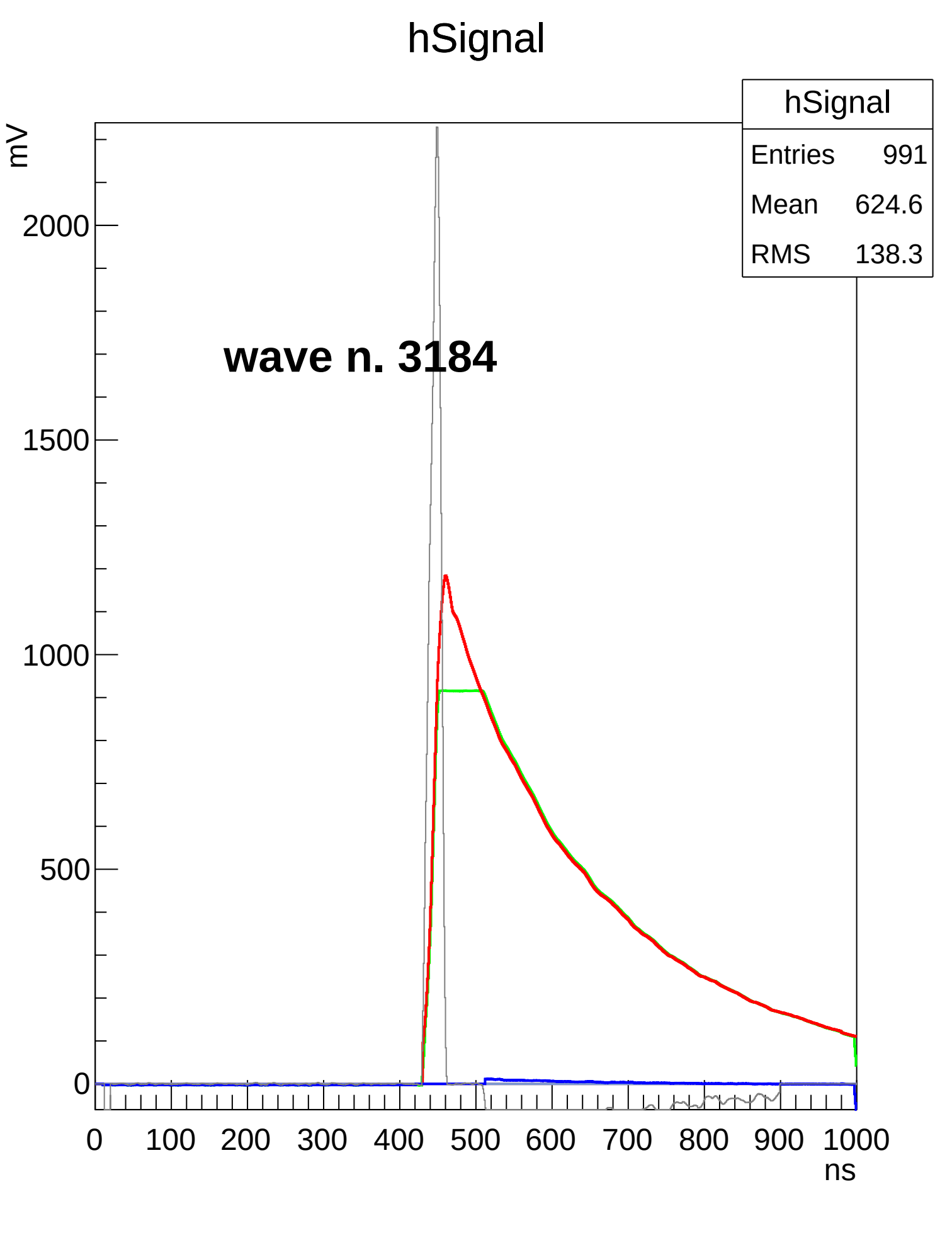

hSignal
hSignal
Entries 991
Mean 515.6
RMS 144.8
wave n. 3179
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns

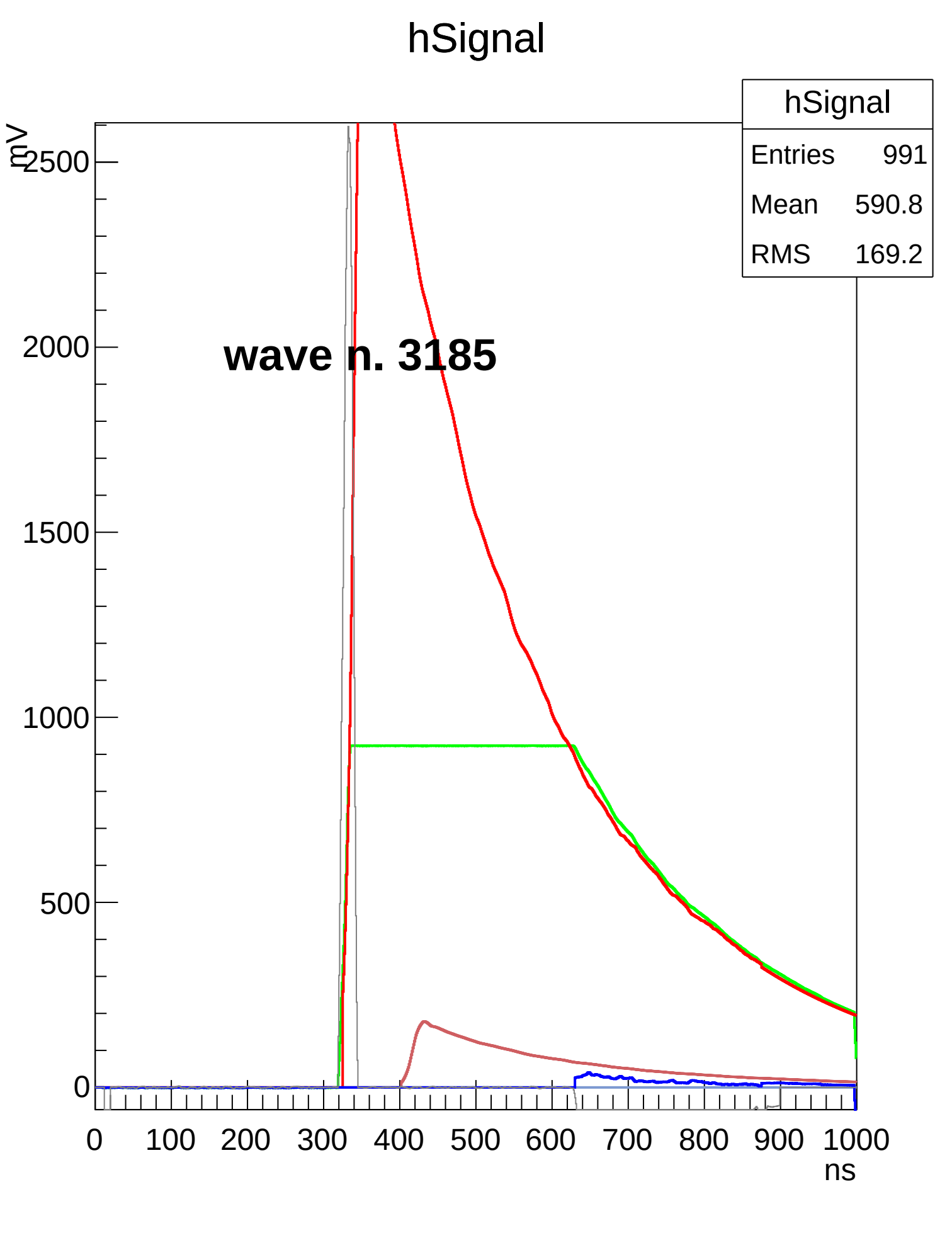

hSignal
hSignal
Entries 991
Mean 527.6
RMS 177.1
wave n. 3180
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

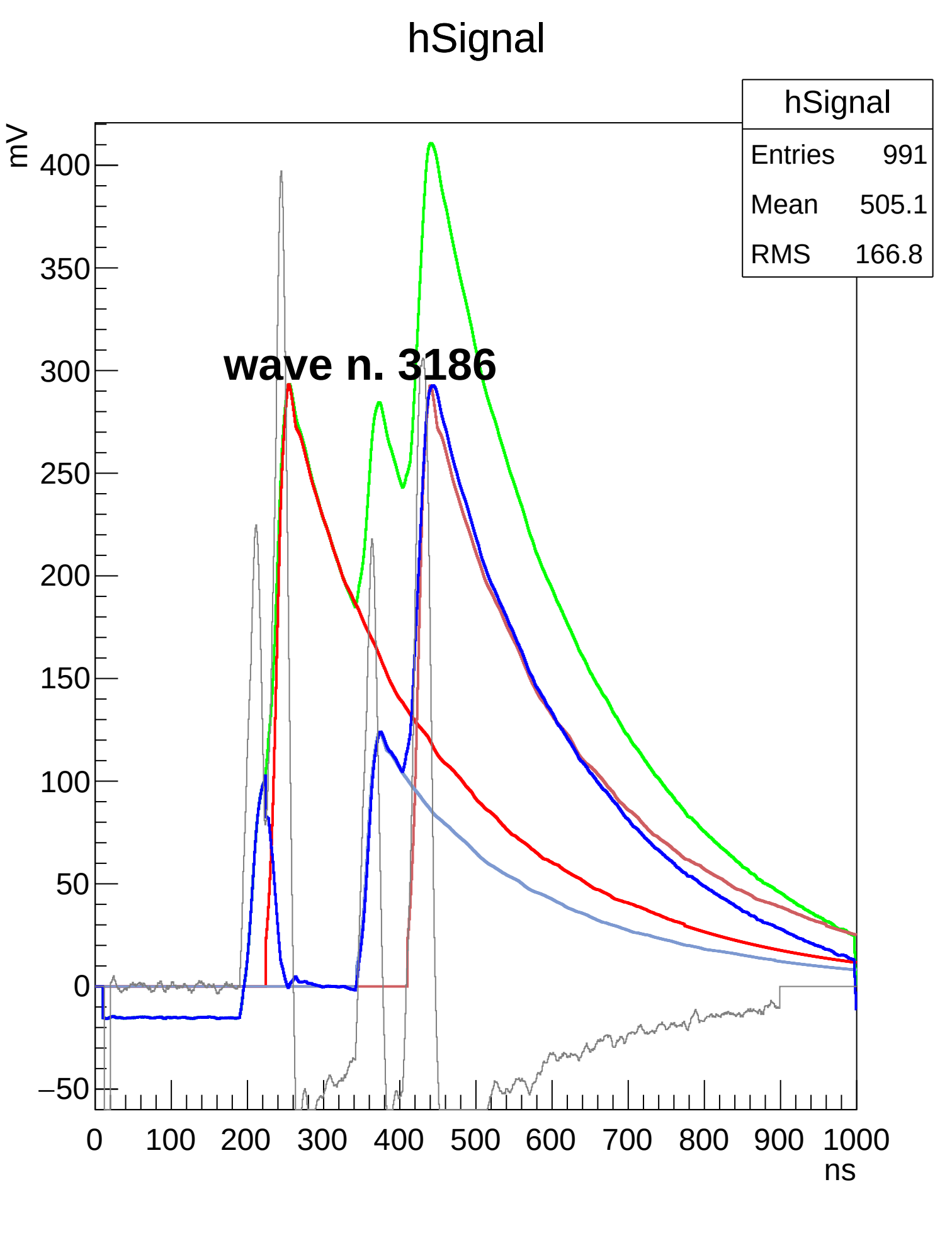

hSignal
hSignal
Entries 991
Mean 523.6
RMS 187.5
wave n. 3181
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

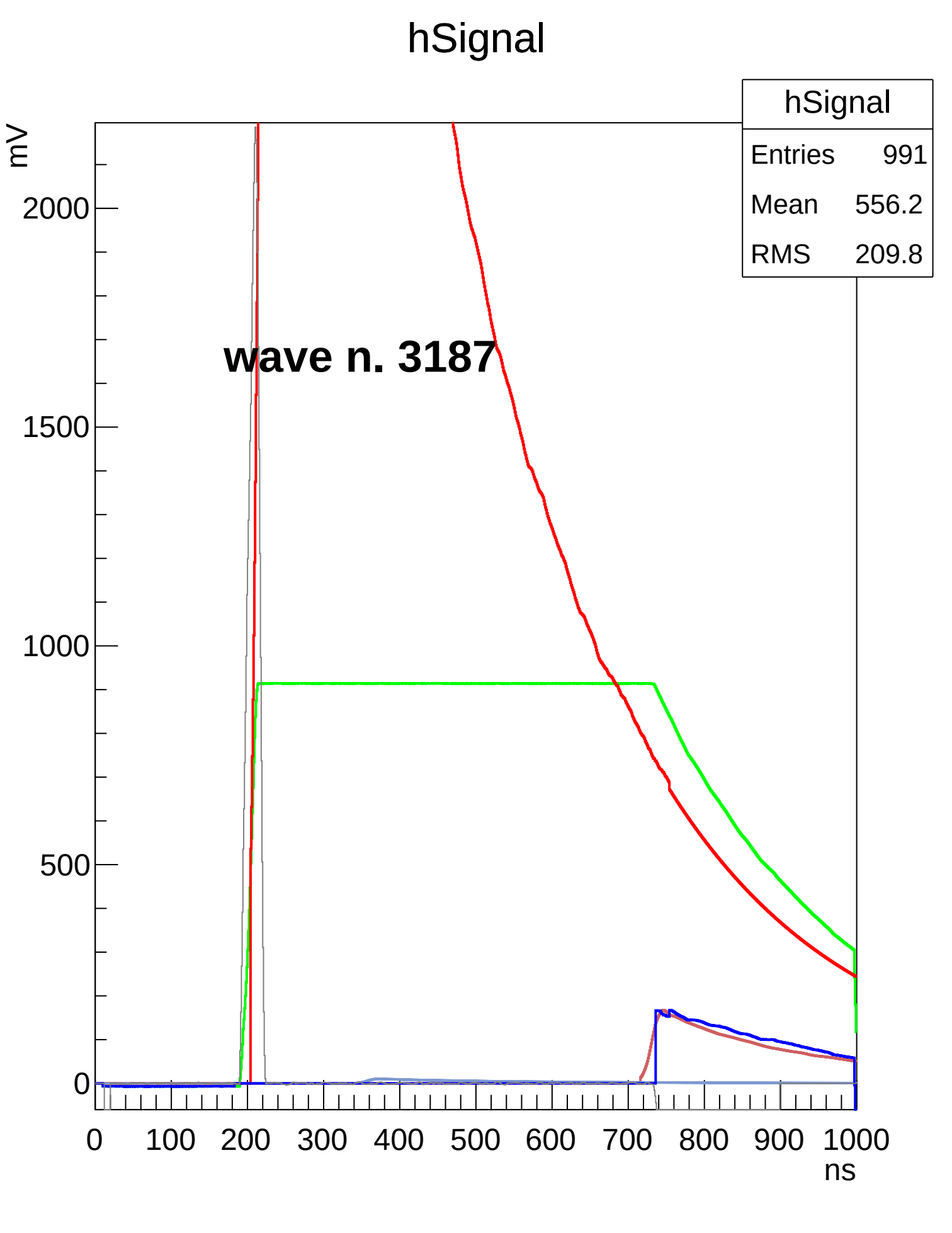

hSignal
hSignal
Entries 991
Mean 501.4
RMS 186.5
wave n. 3182
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 590.2
RMS 144.5
wave n. 3183
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 624.6
RMS 138.3
wave n. 3184
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 590.8
RMS 169.2
wave n. 3185
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.1
RMS 166.8
wave n. 3186
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.2
RMS 209.8
wave n. 3187
mV
2000
1500
1000
500
0
0
100
200
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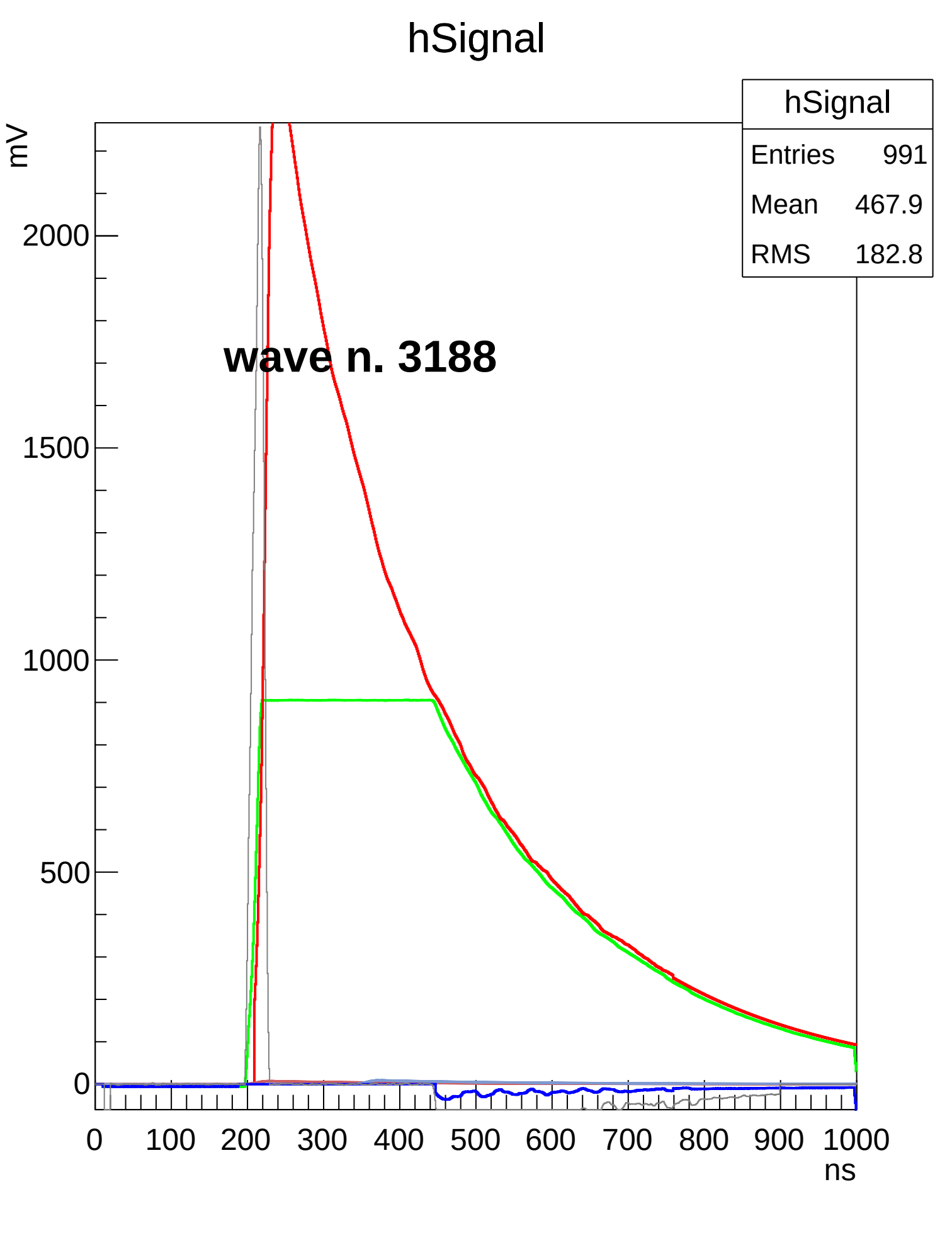
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 467.9
RMS 182.8
wave n. 3188
mV
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1500
1000
500
0
0
100
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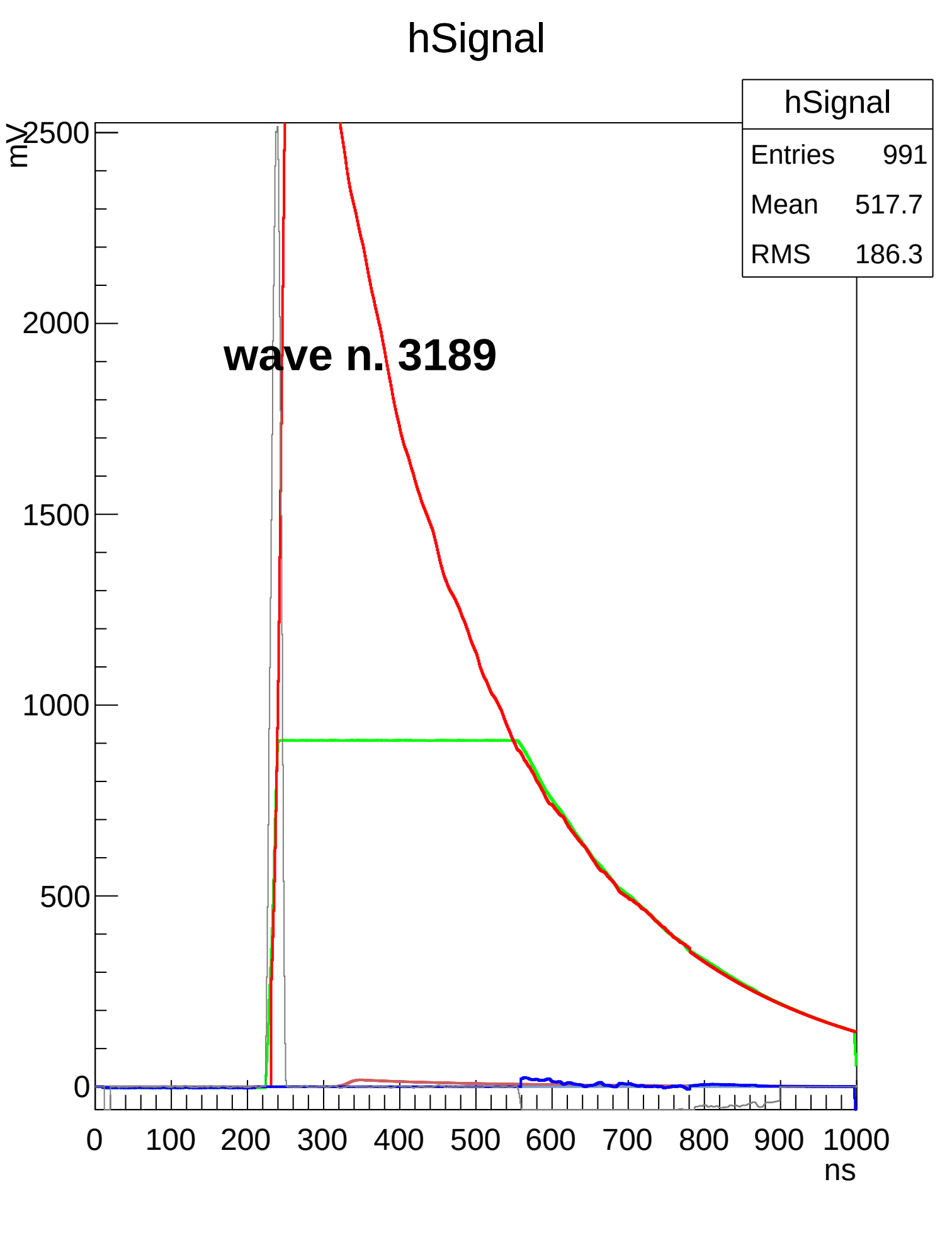
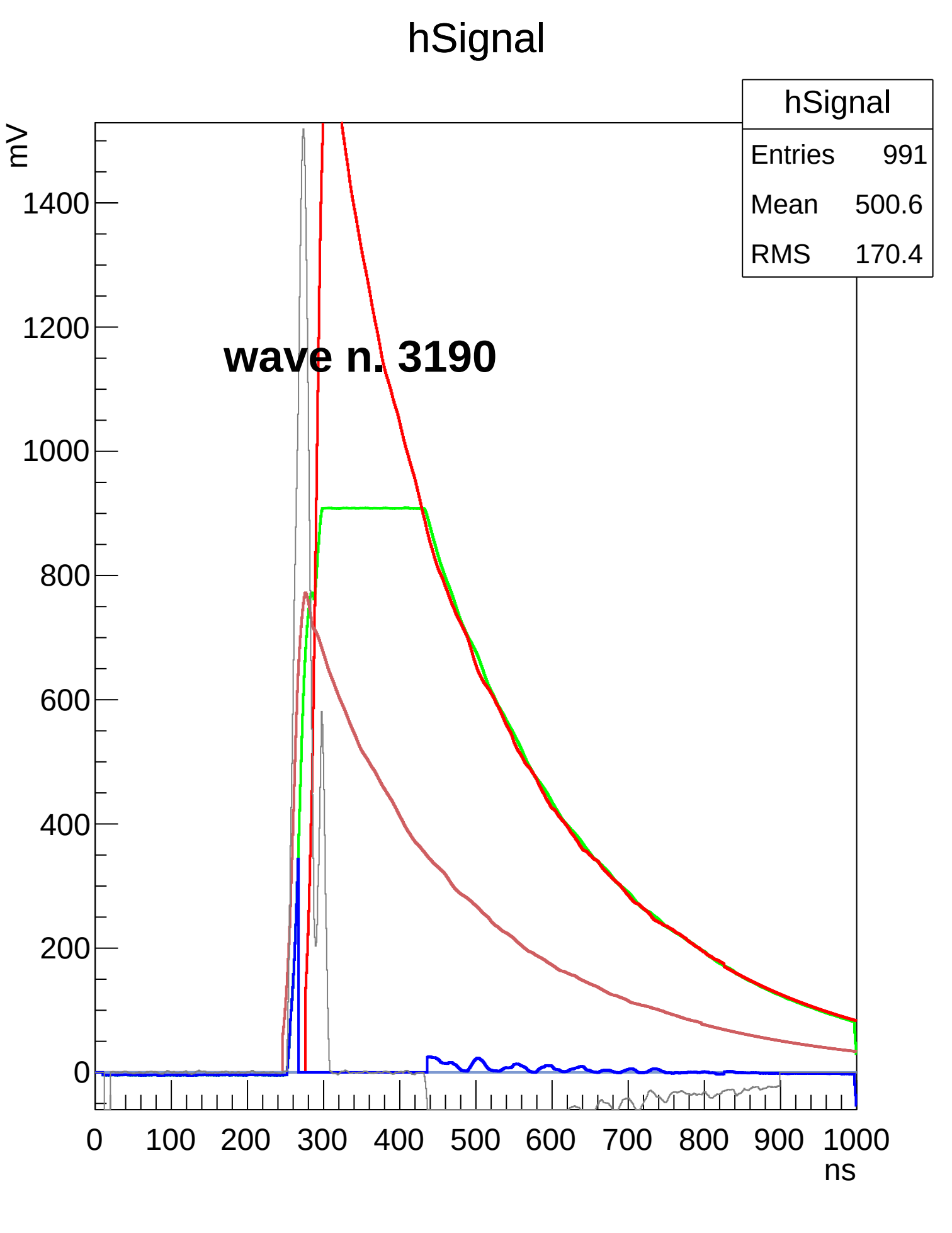
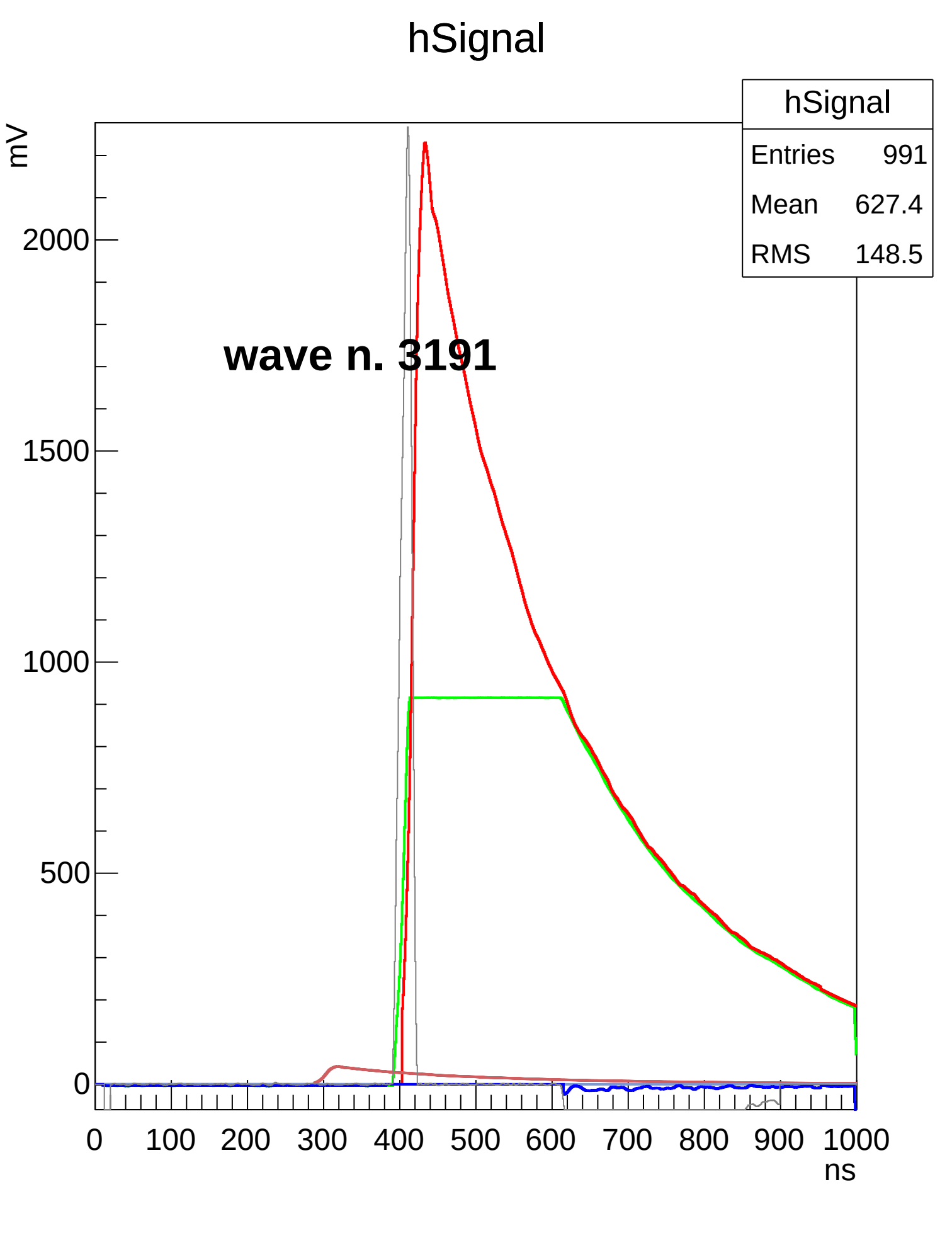
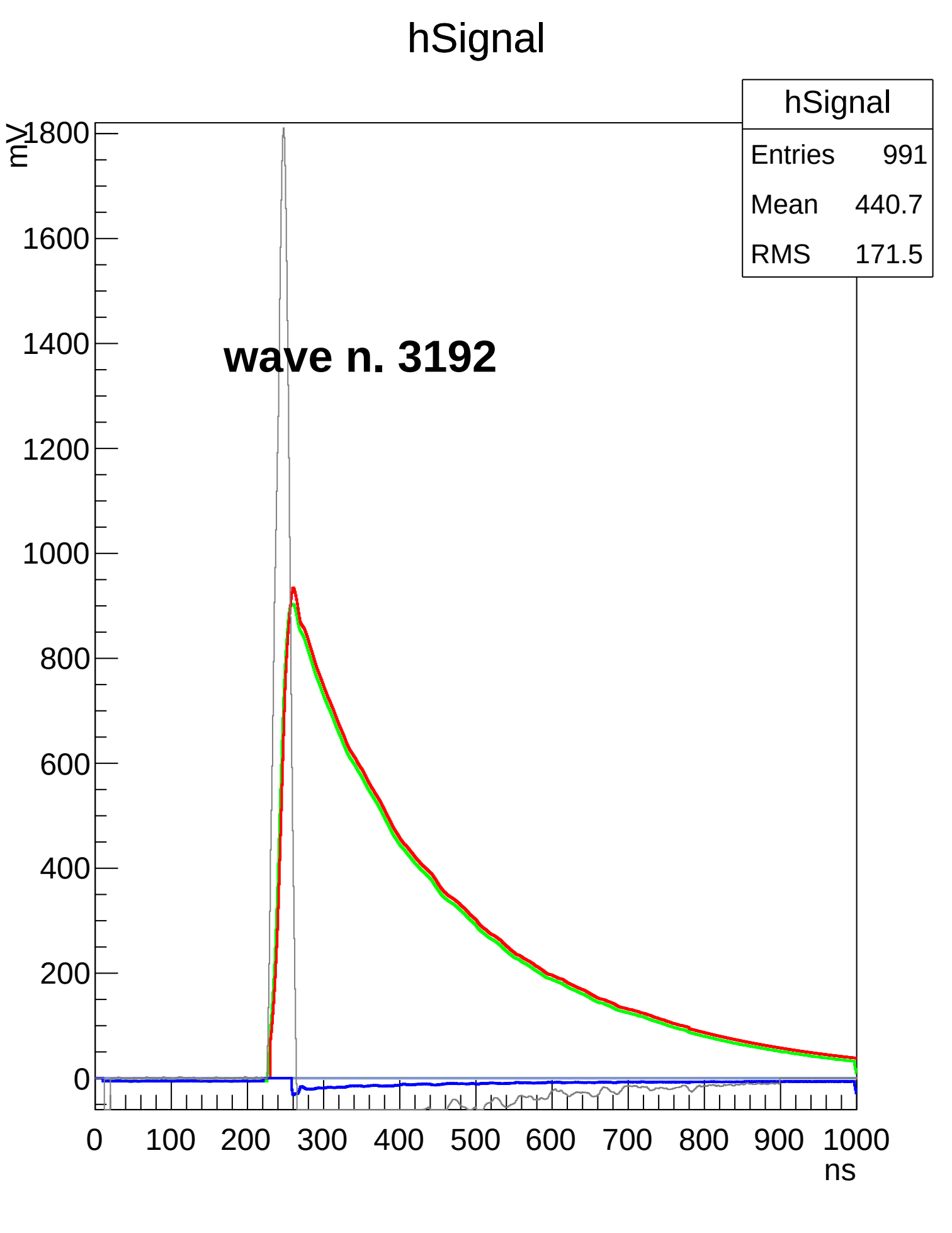
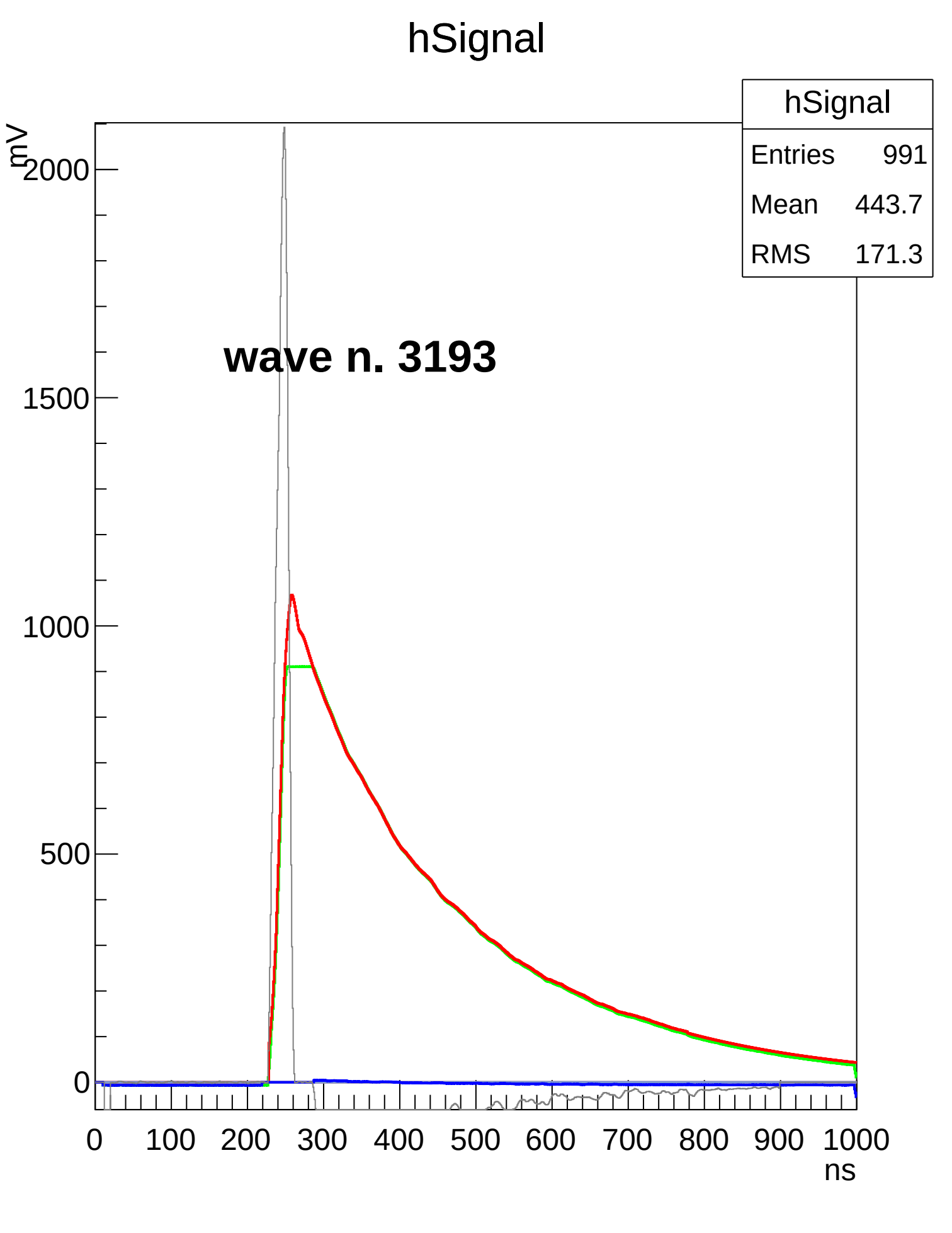
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 517.7
RMS 186.3
wave n. 3189
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 500.6
RMS 170.4
wave n. 3190
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 627.4
RMS 148.5
wave n. 3191
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 440.7
RMS 171.5
wave n. 3192
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 443.7
RMS 171.3
wave n. 3193
mV
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1500
1000
500
0
0
100
200
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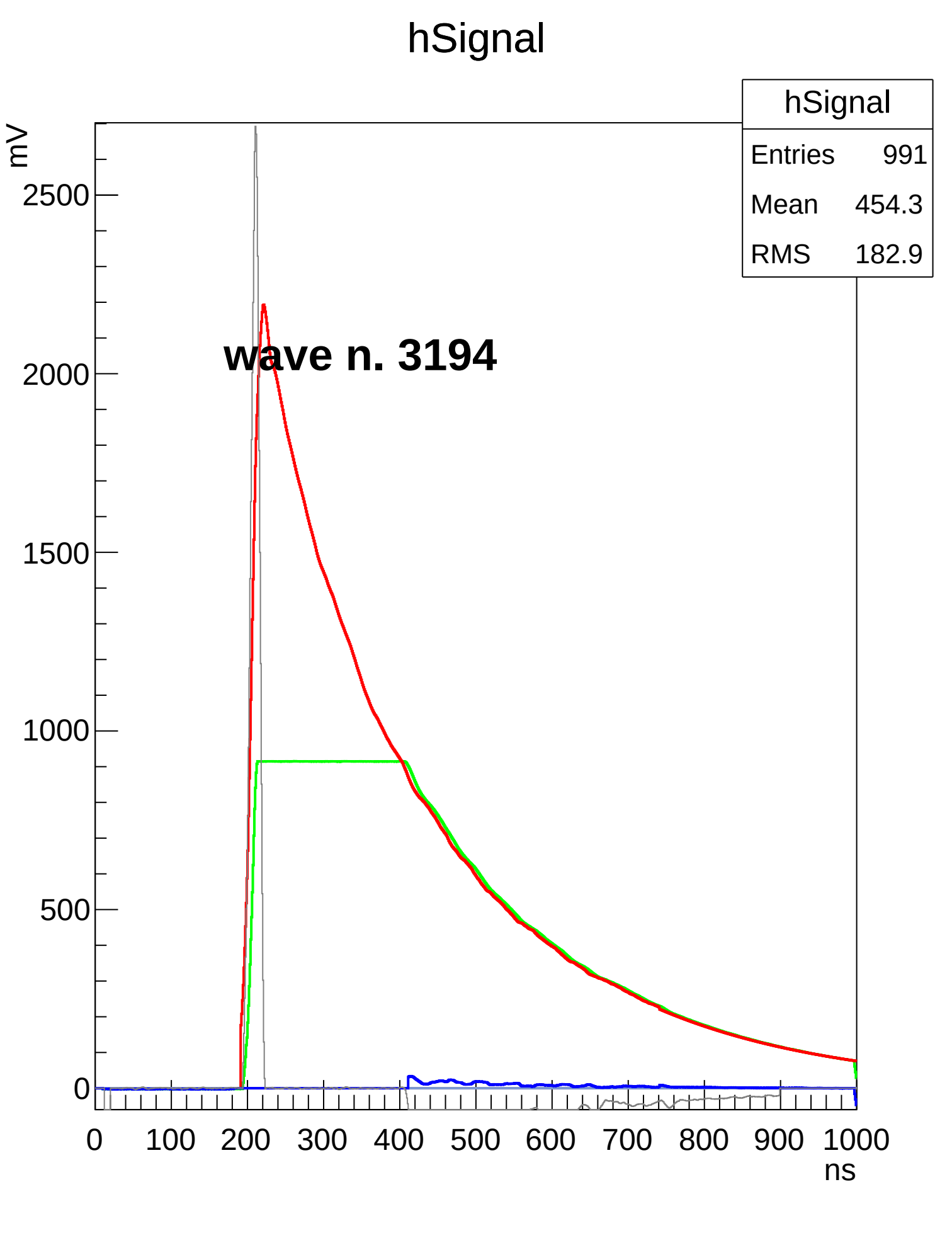
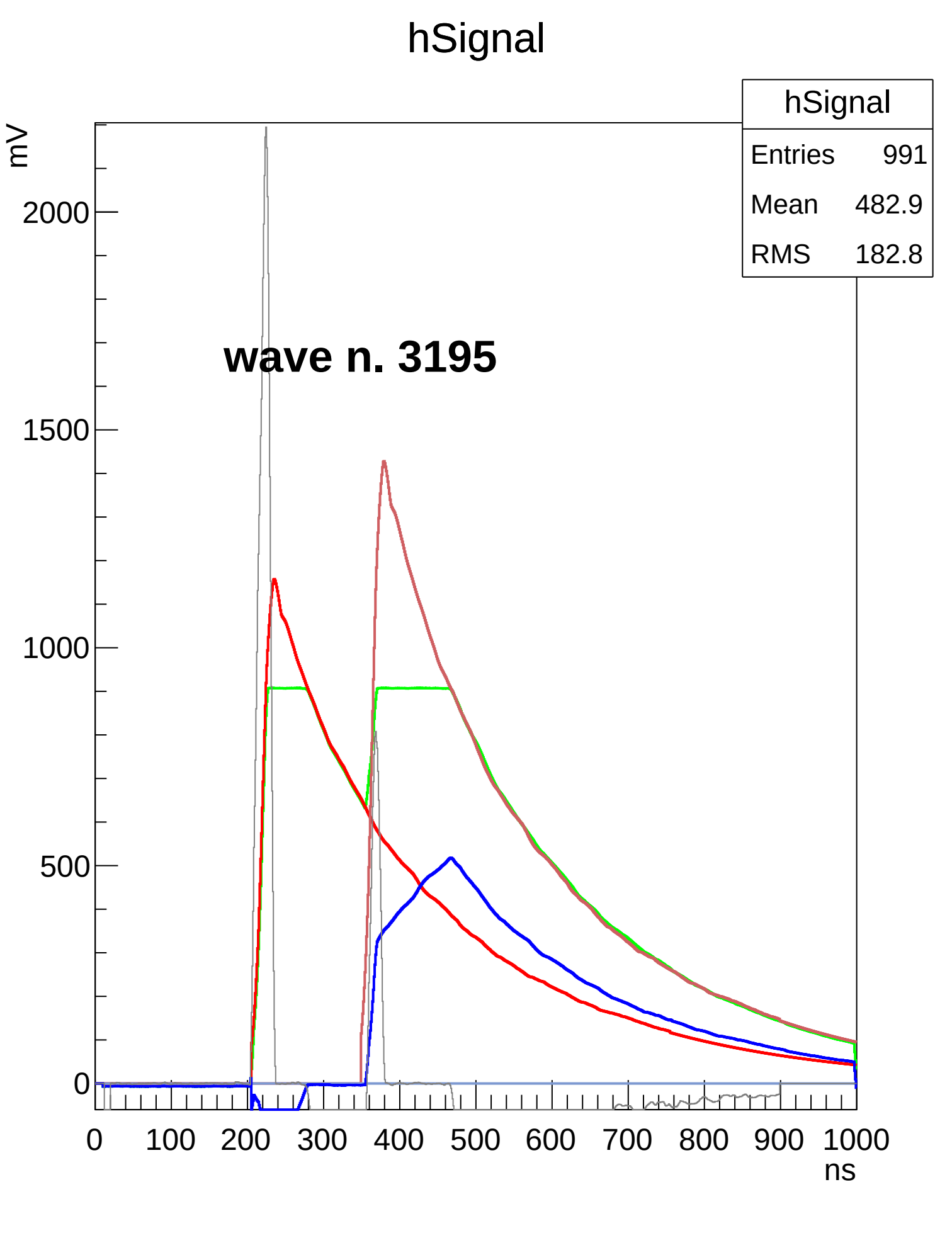
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 454.3
RMS 182.9
wave n. 3194
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 482.9
RMS 182.8
wave n. 3195
mV
2000
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1000
500
0
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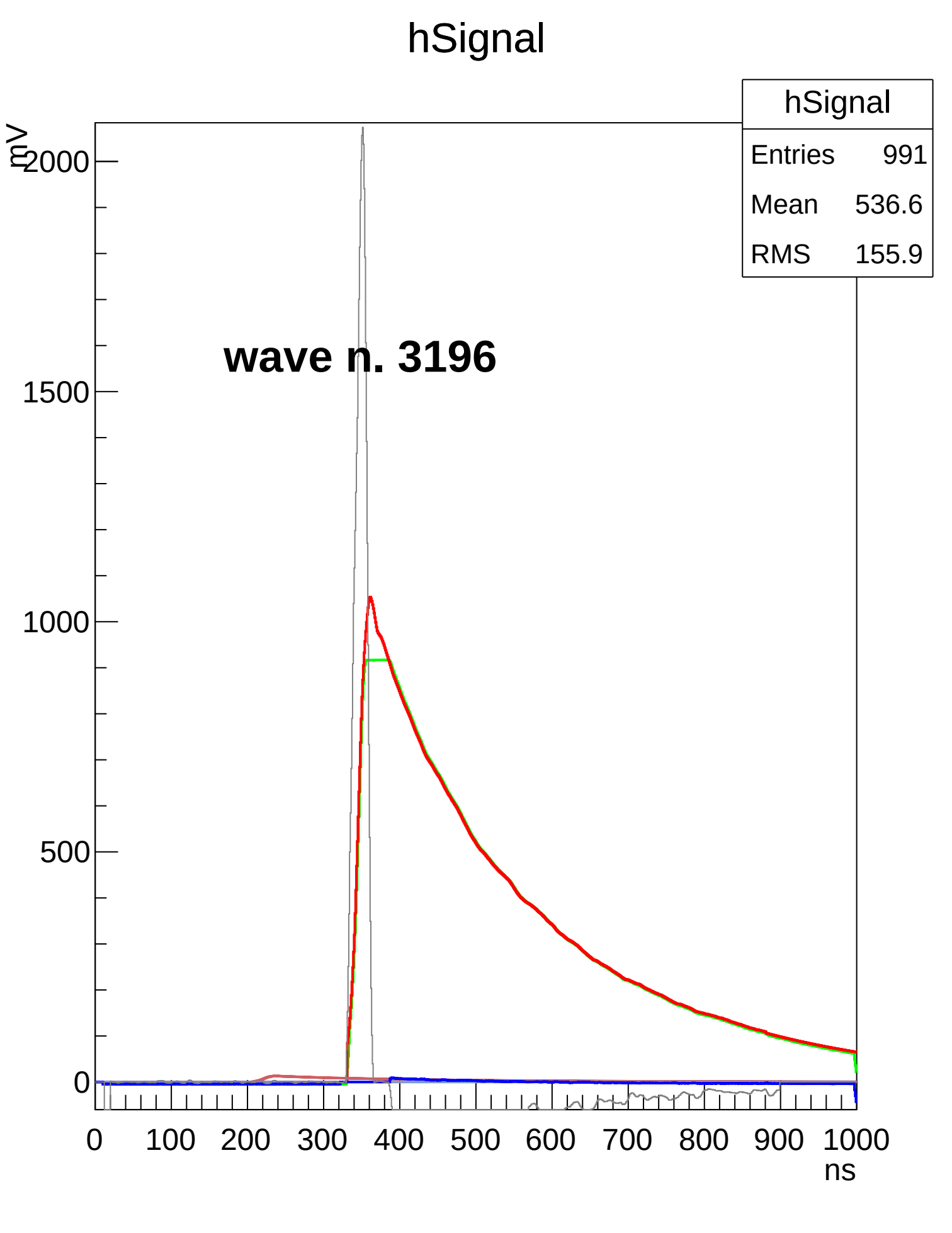
ns


hSignal
hSignal
Entries 991
Mean 536.6
RMS 155.9
wave n. 3196
mV
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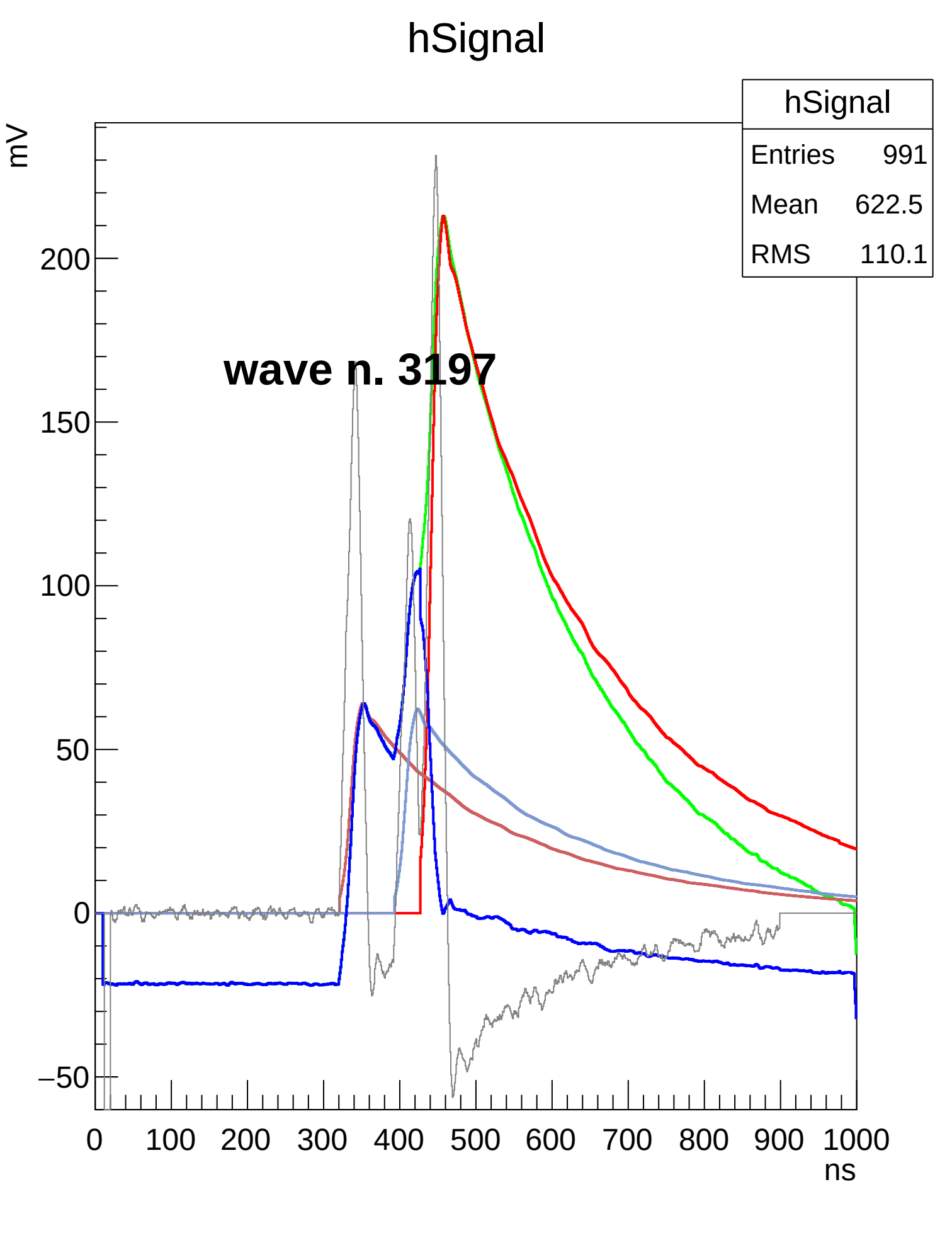
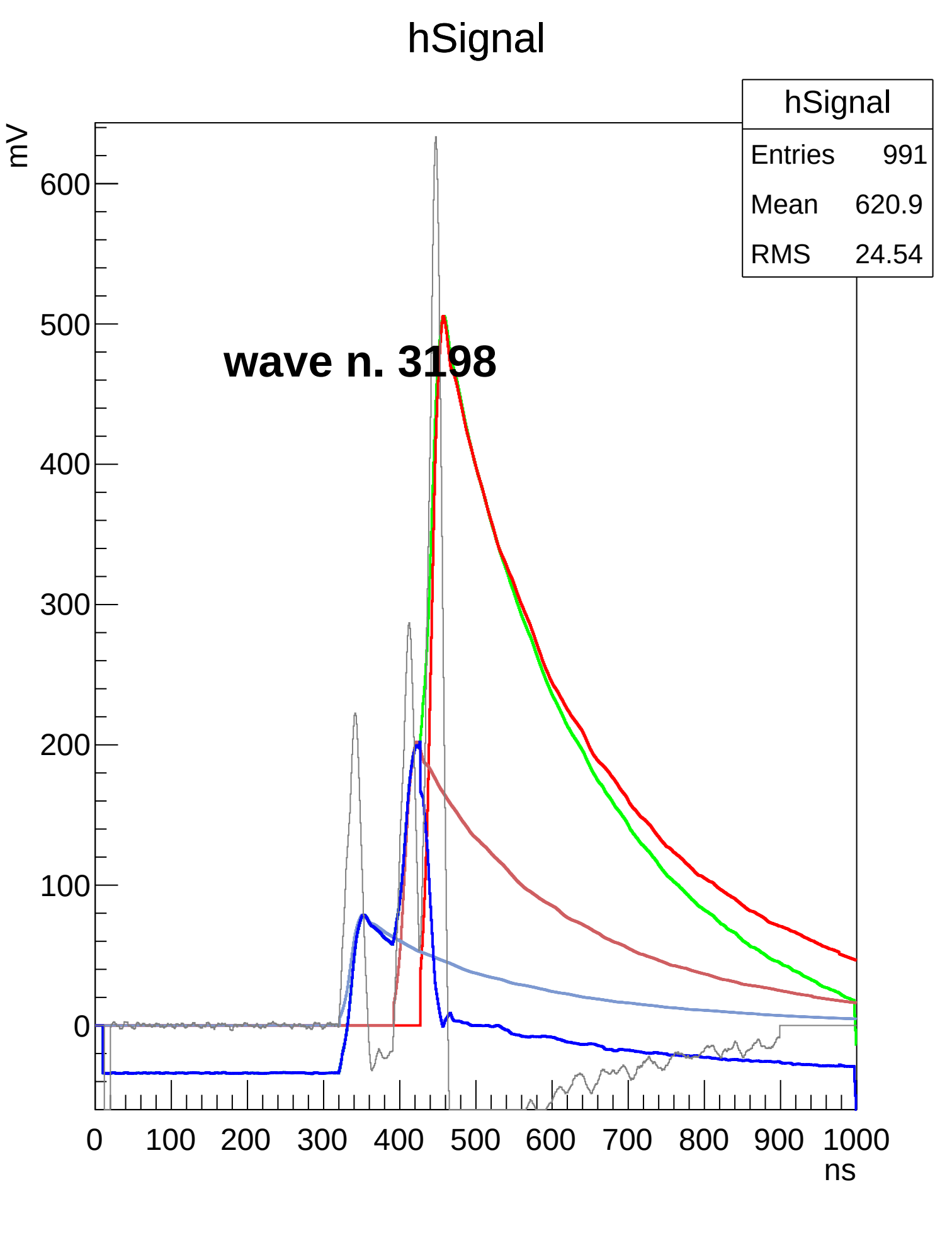
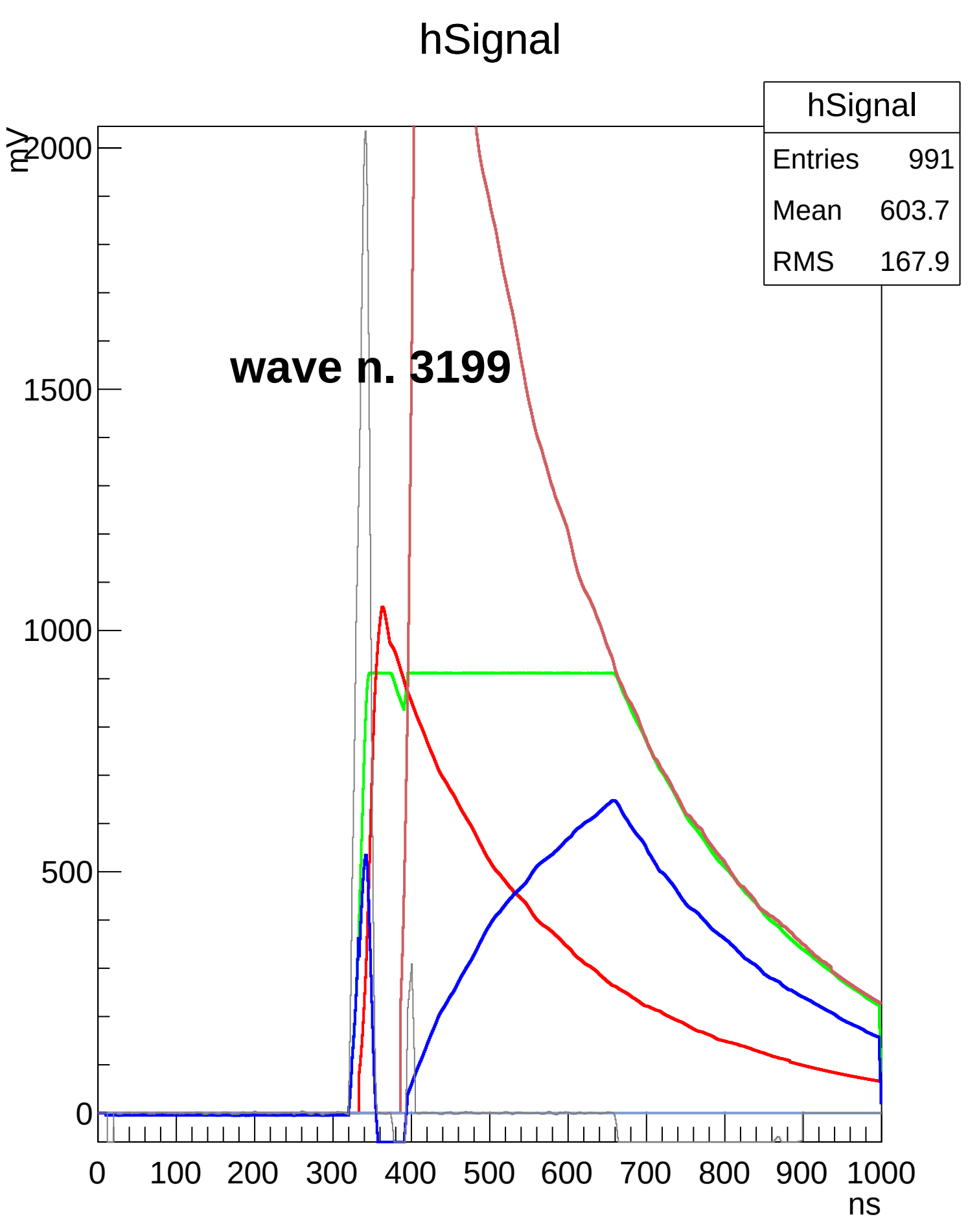
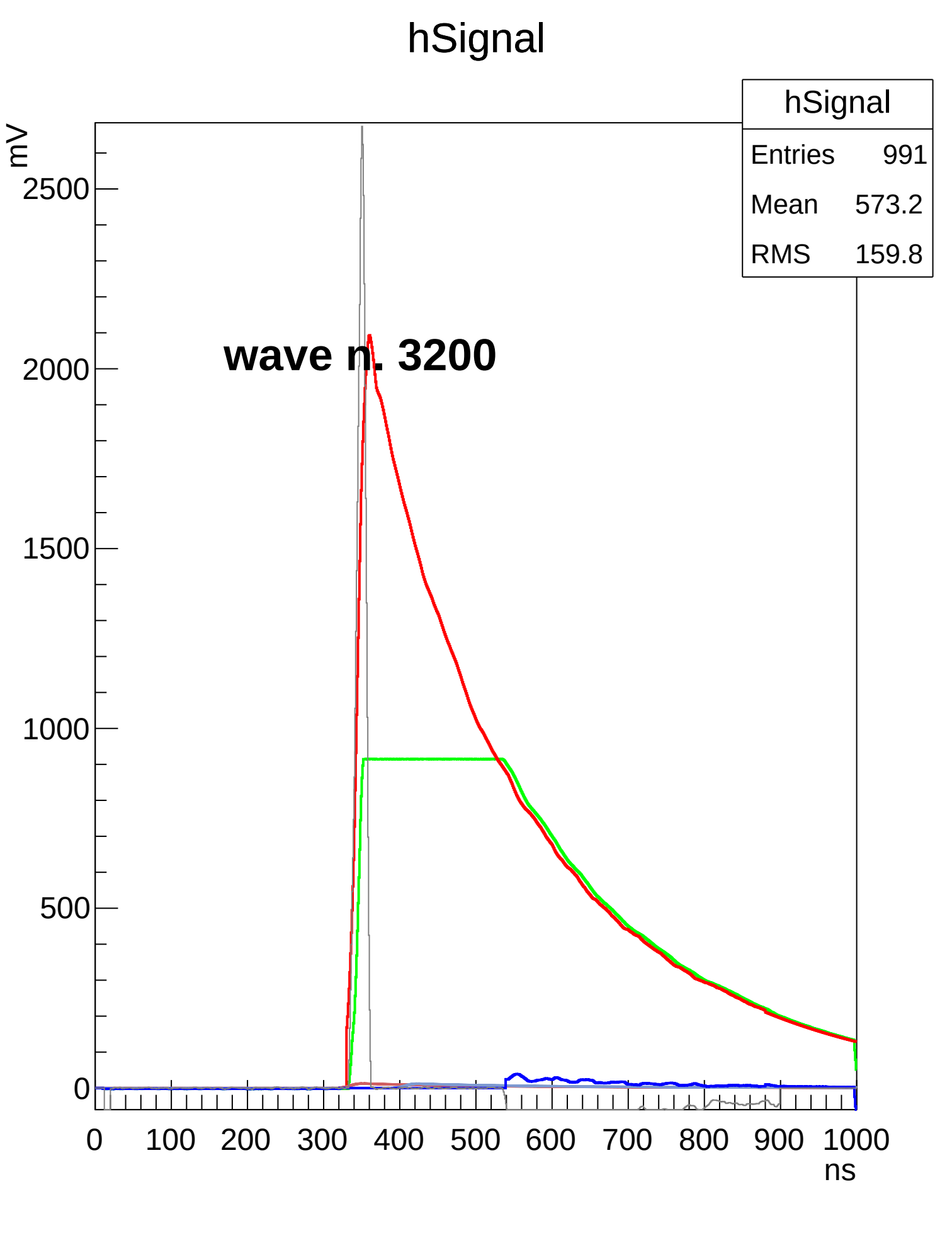
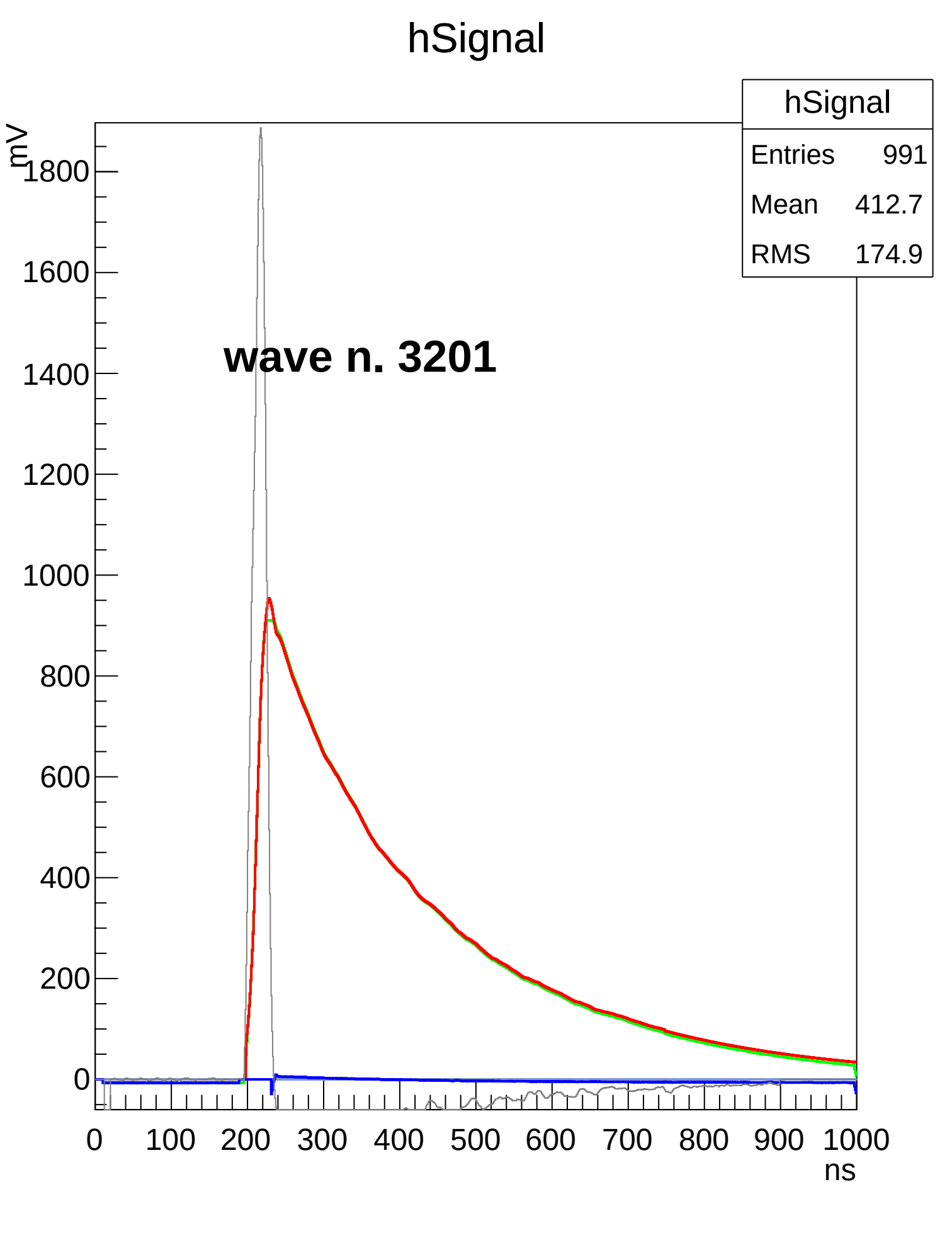
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 622.5
RMS 110.1
wave n. 3197
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 620.9
RMS 24.54
wave n. 3198
mV
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 603.7
RMS 167.9
wave n. 3199
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.2
RMS 159.8
wave n. 3200
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 412.7
RMS 174.9
wave n. 3201
mV
1800
1600
1400
1200
1000
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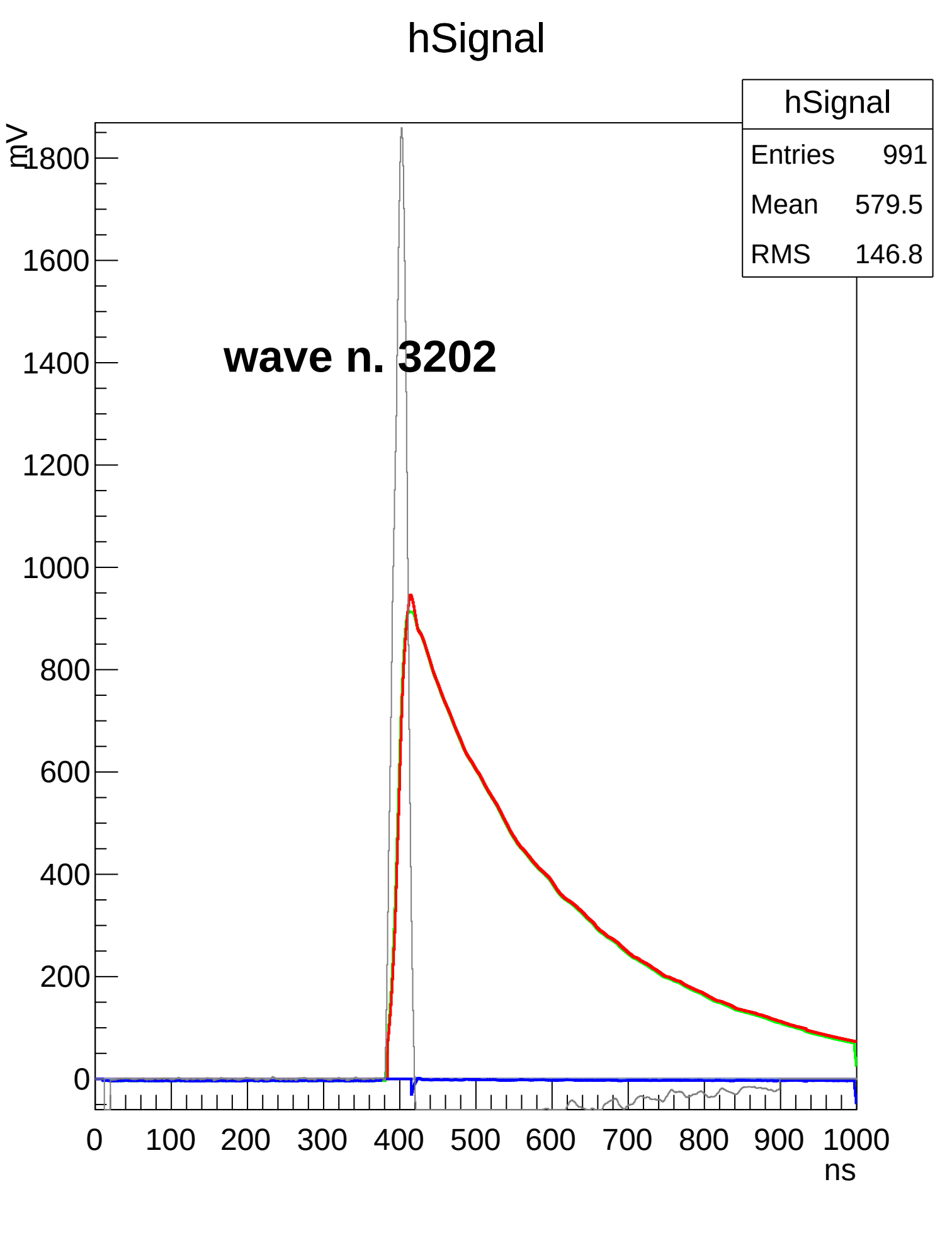
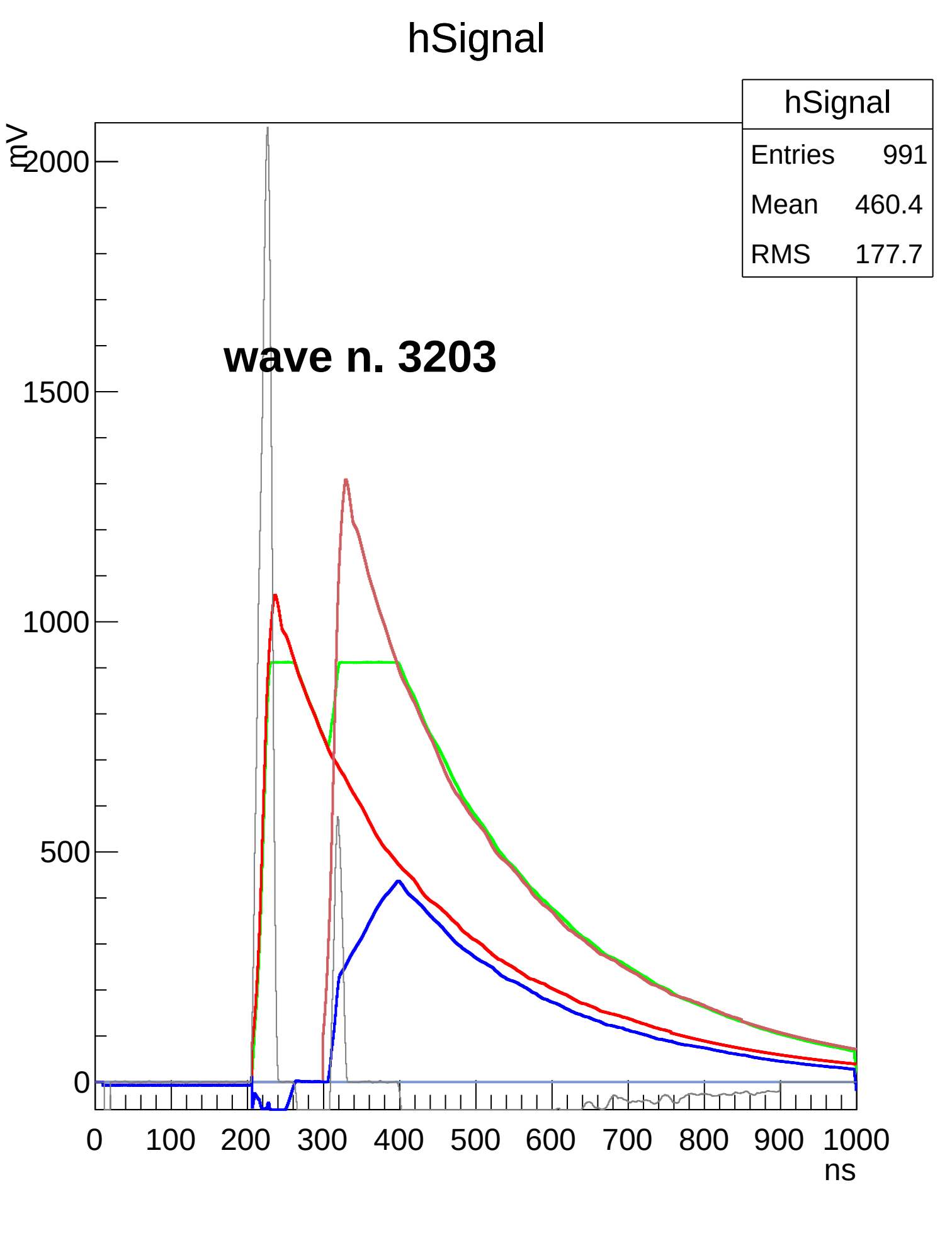
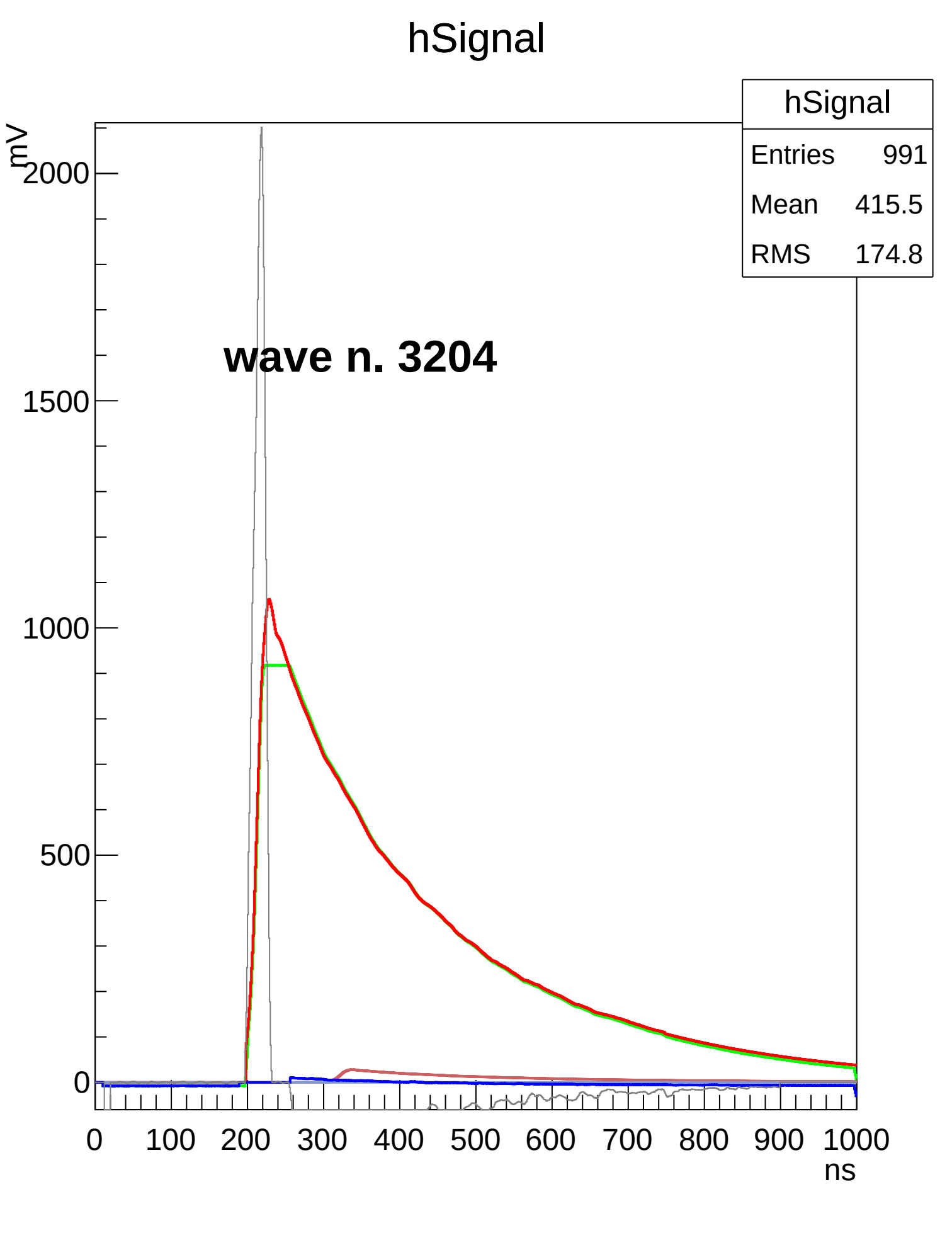
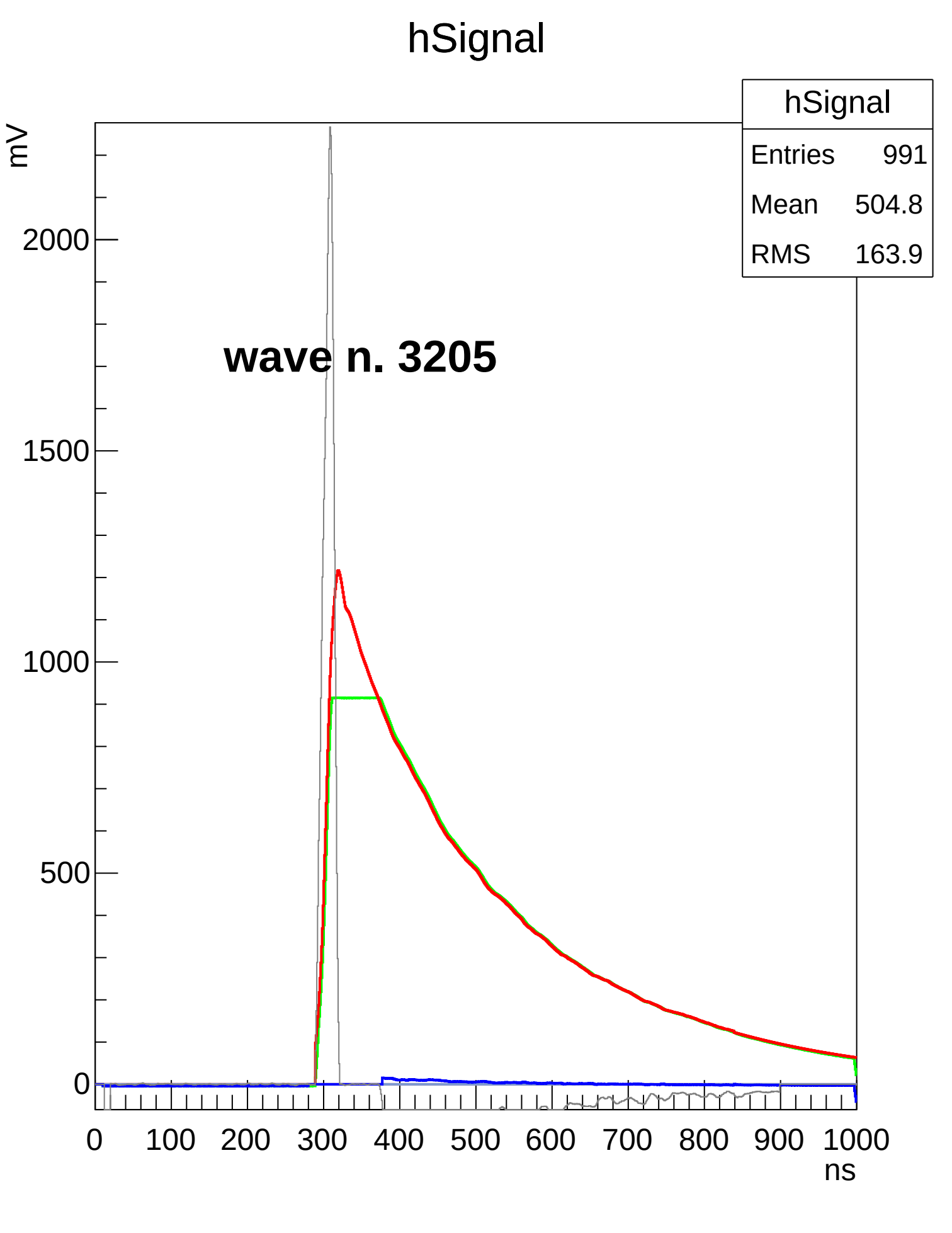
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 579.5
RMS 146.8
wave n. 3202
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 460.4
RMS 177.7
wave n. 3203
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 415.5
RMS 174.8
wave n. 3204
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.8
RMS 163.9
wave n. 3205
mV
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1500
1000
500
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0
100
200
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400
500
600
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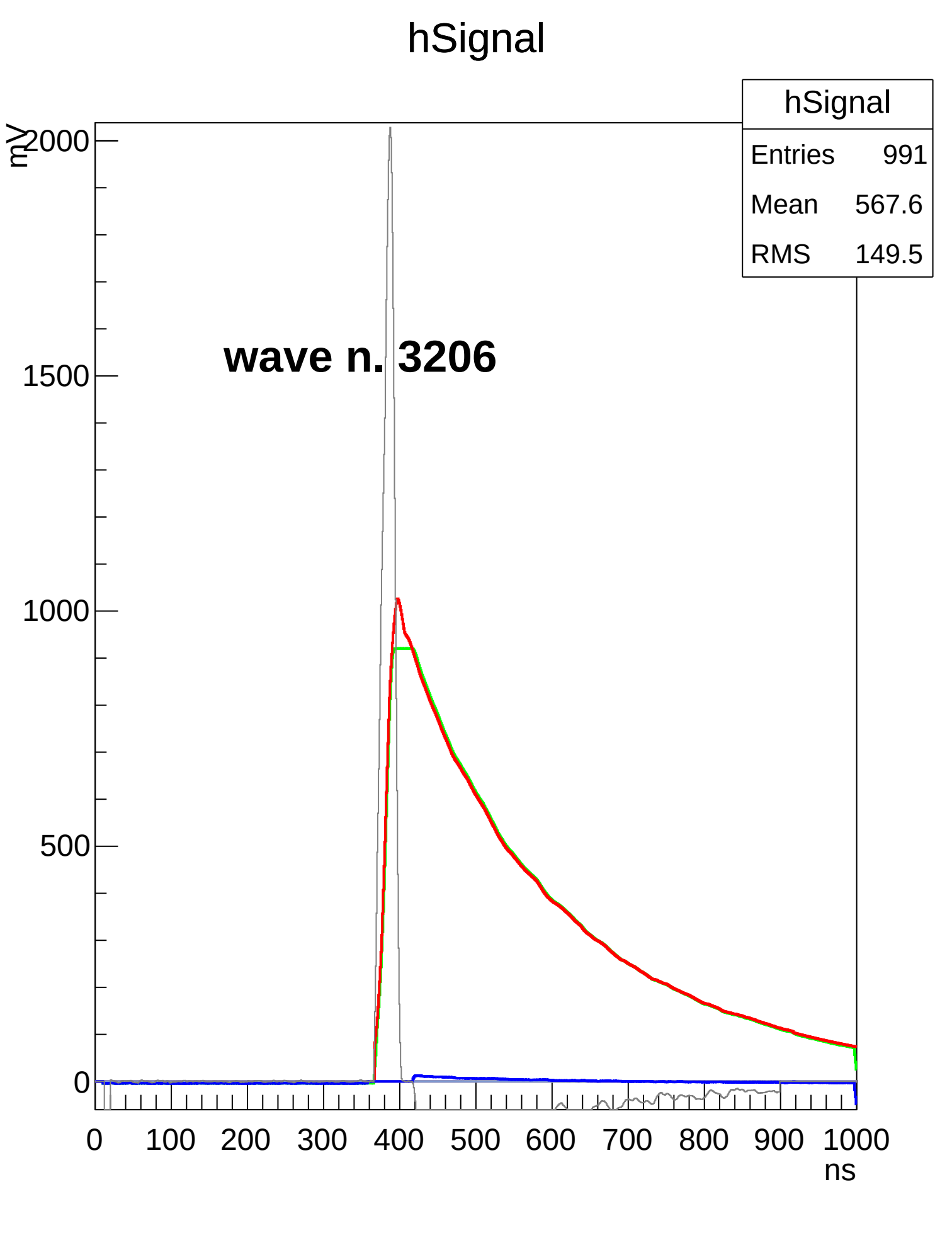
800
900
1000
ns


hSignal
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Entries 991
Mean 567.6
RMS 149.5
wave n. 3206
mV
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500
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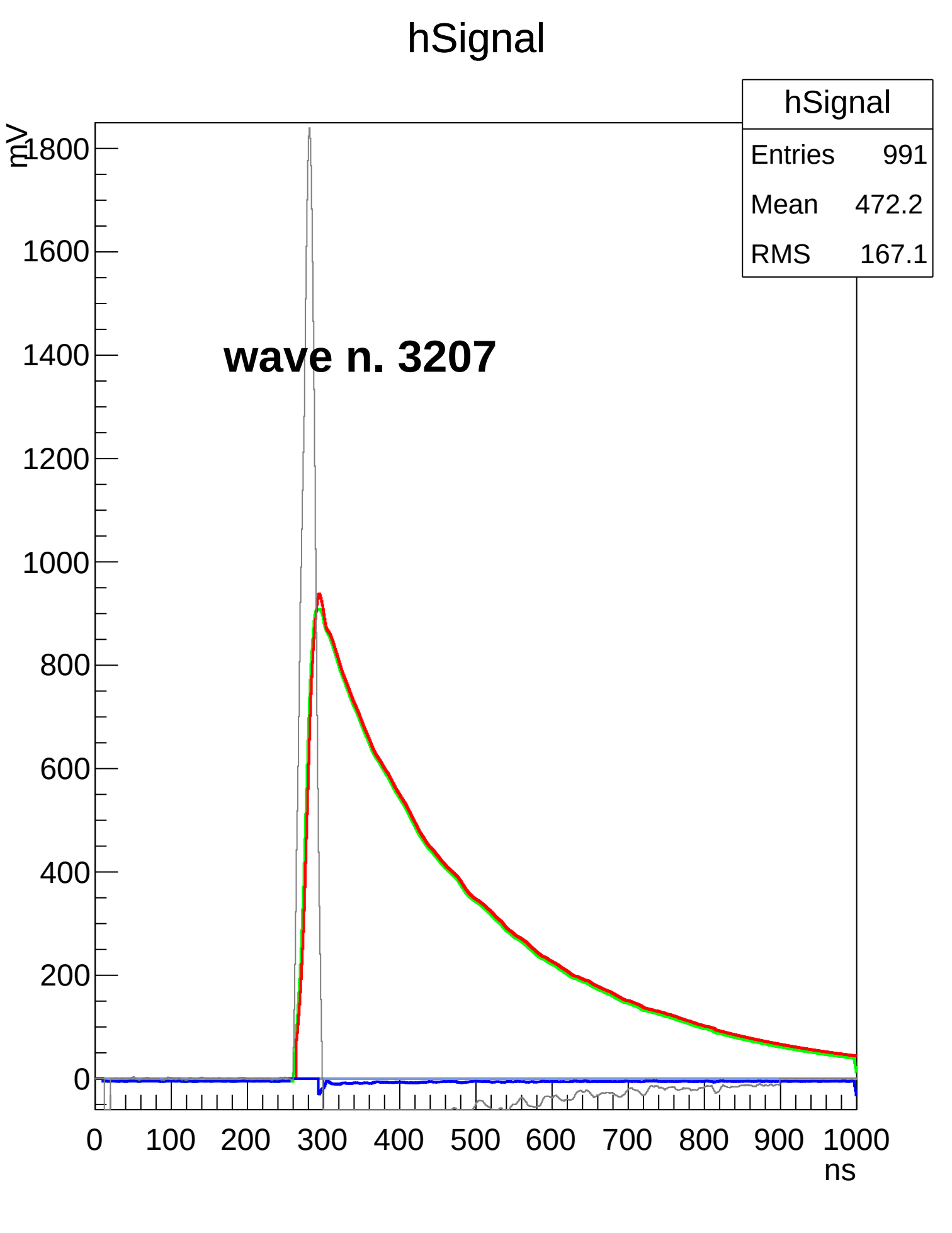
ns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Entries 991
Mean 472.2
RMS 167.1
wave n. 3207
mV
1800
1600
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600
400
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0
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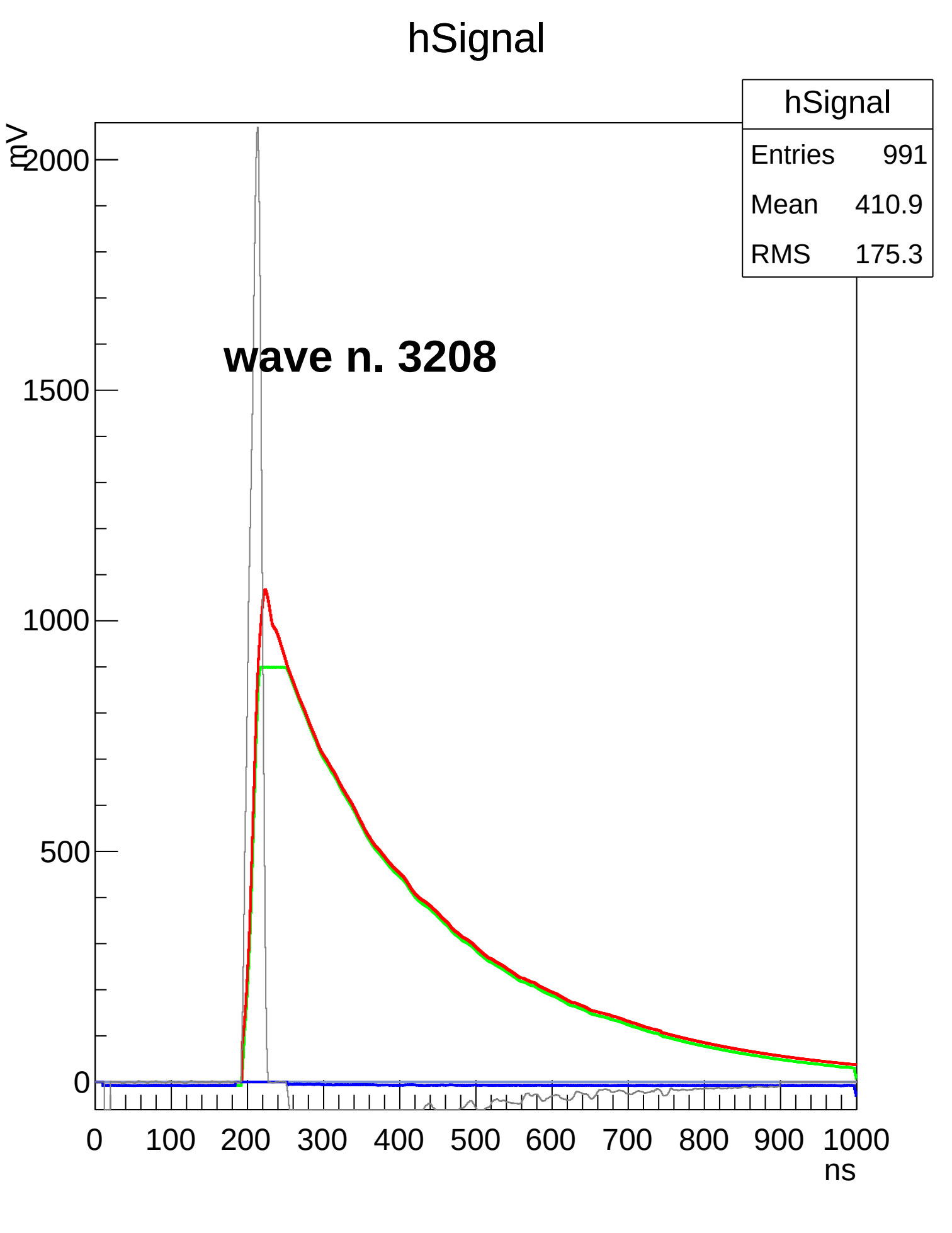
1000
ns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hSignal
Entries 991
Mean 410.9
RMS 175.3
wave n. 3208
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500
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0
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400
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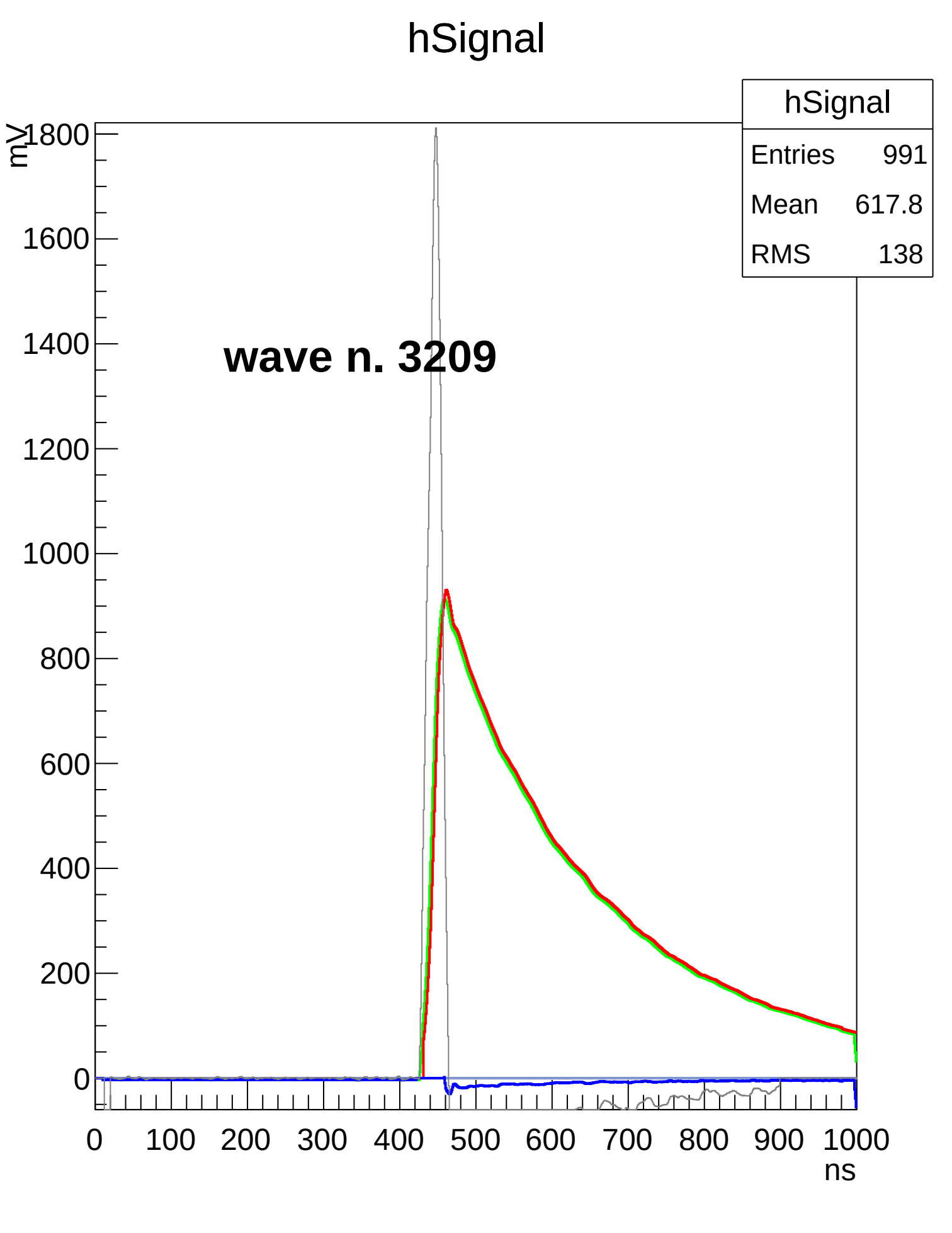
700
800
900
1000
ns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hSignal
Entries 991
Mean 617.8
RMS 138
wave n. 3209
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200
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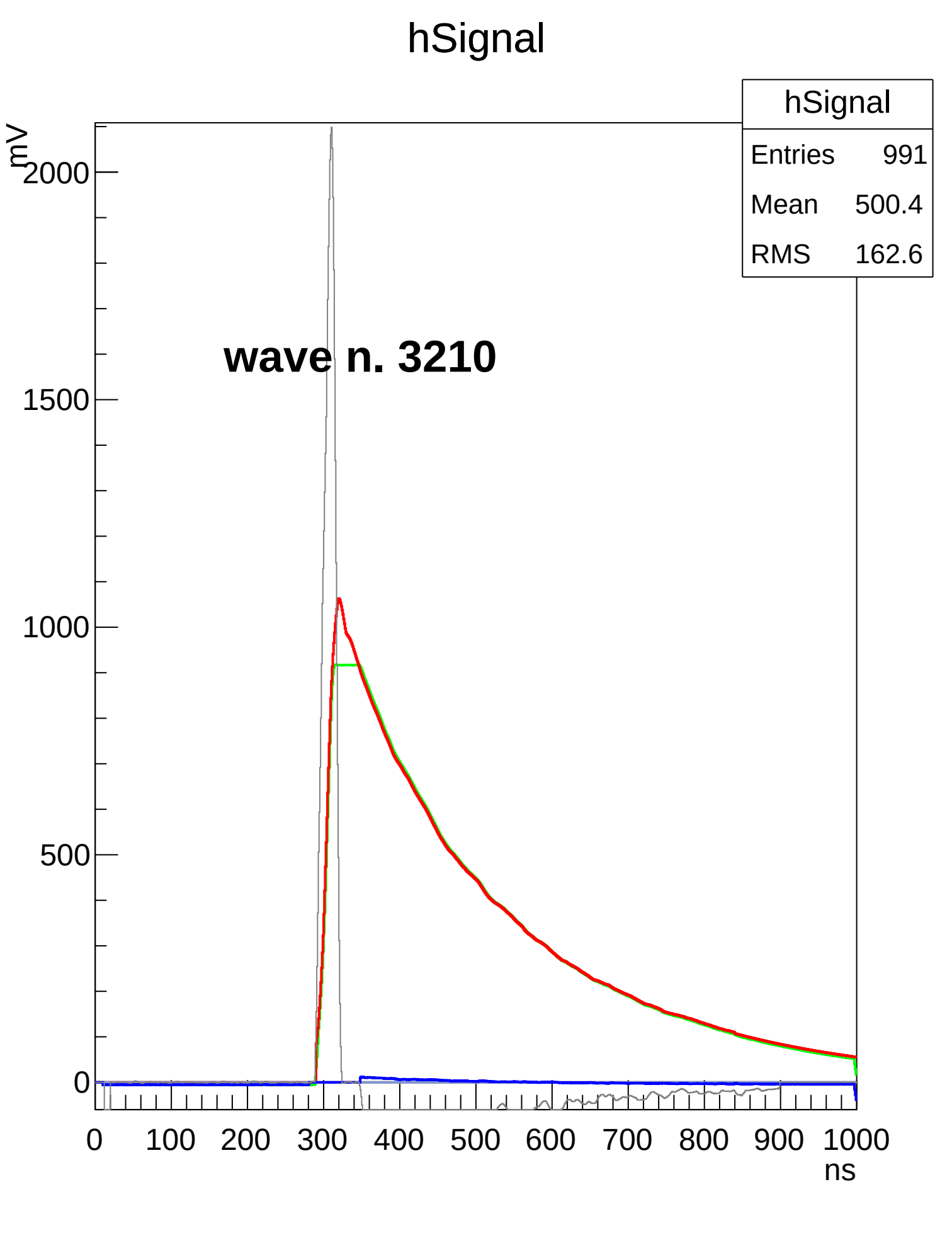
ns


hSignal
hSignal
Entries 991
Mean 500.4
RMS 162.6
wave n. 3210
mV
2000
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1000
500
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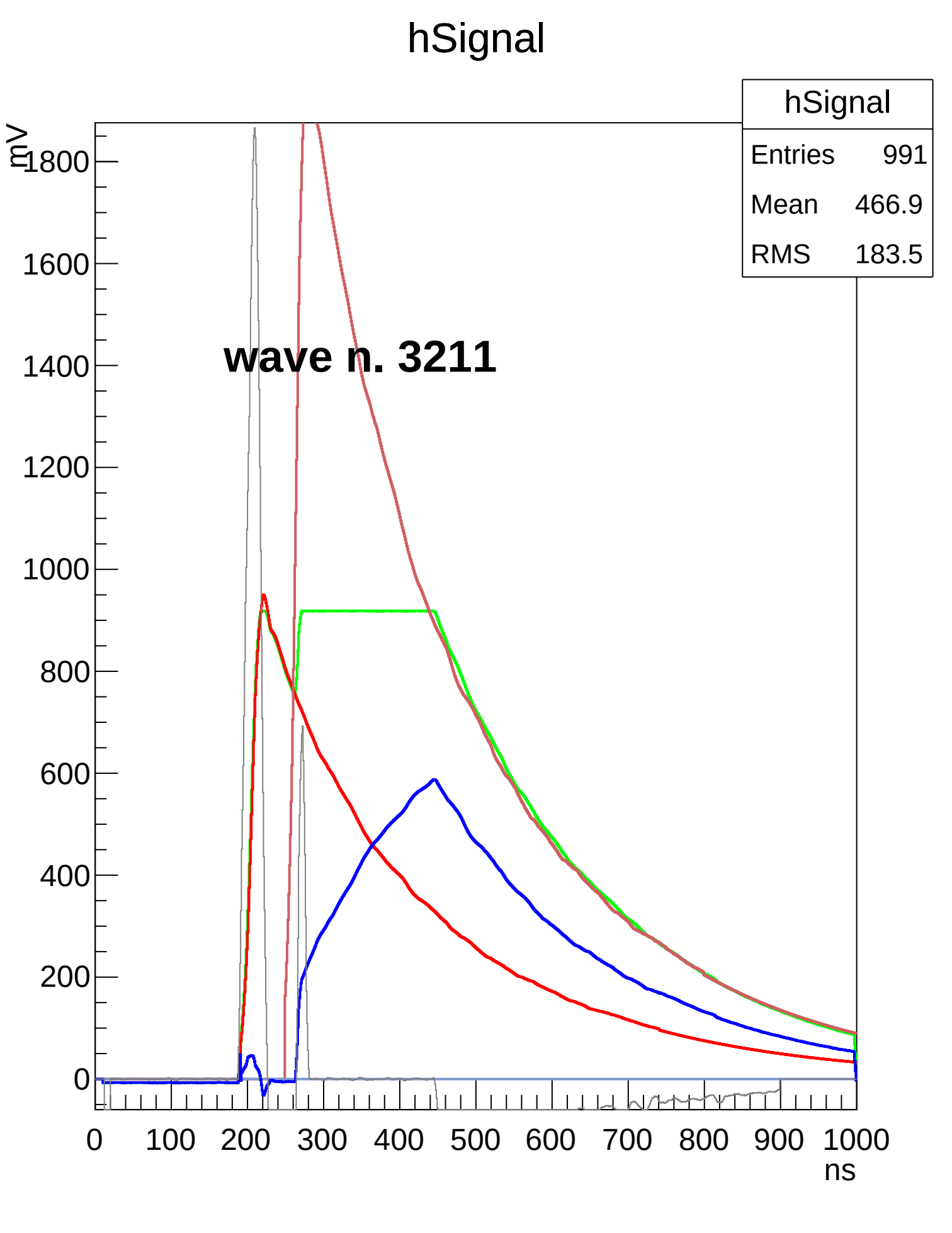
ns


hSignal
hSignal
Entries 991
Mean 466.9
RMS 183.5
wave n. 3211
mV
1800
1600
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1200
1000
800
600
400
200
0
0
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200
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400
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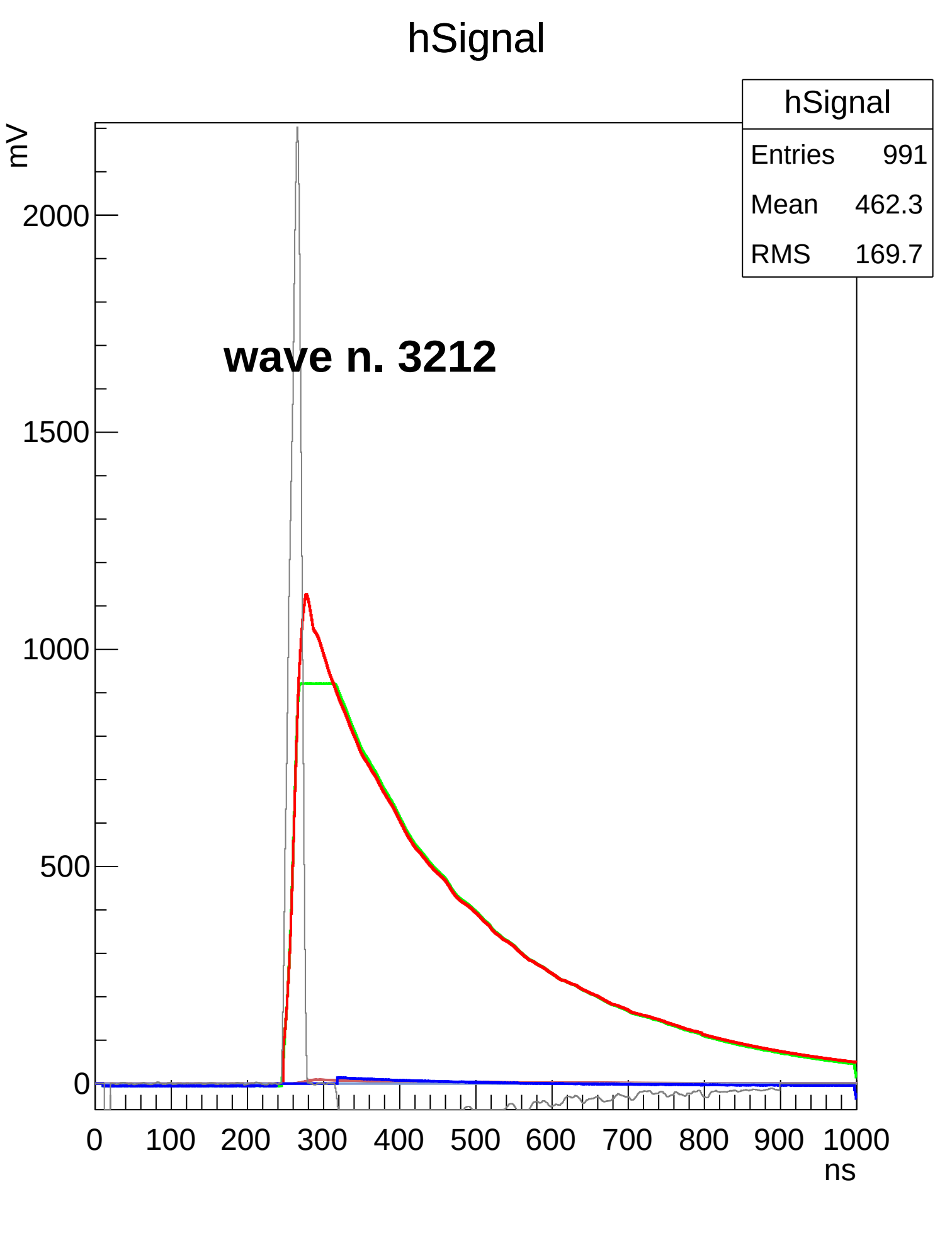
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 462.3
RMS 169.7
wave n. 3212
mV
2000
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1000
500
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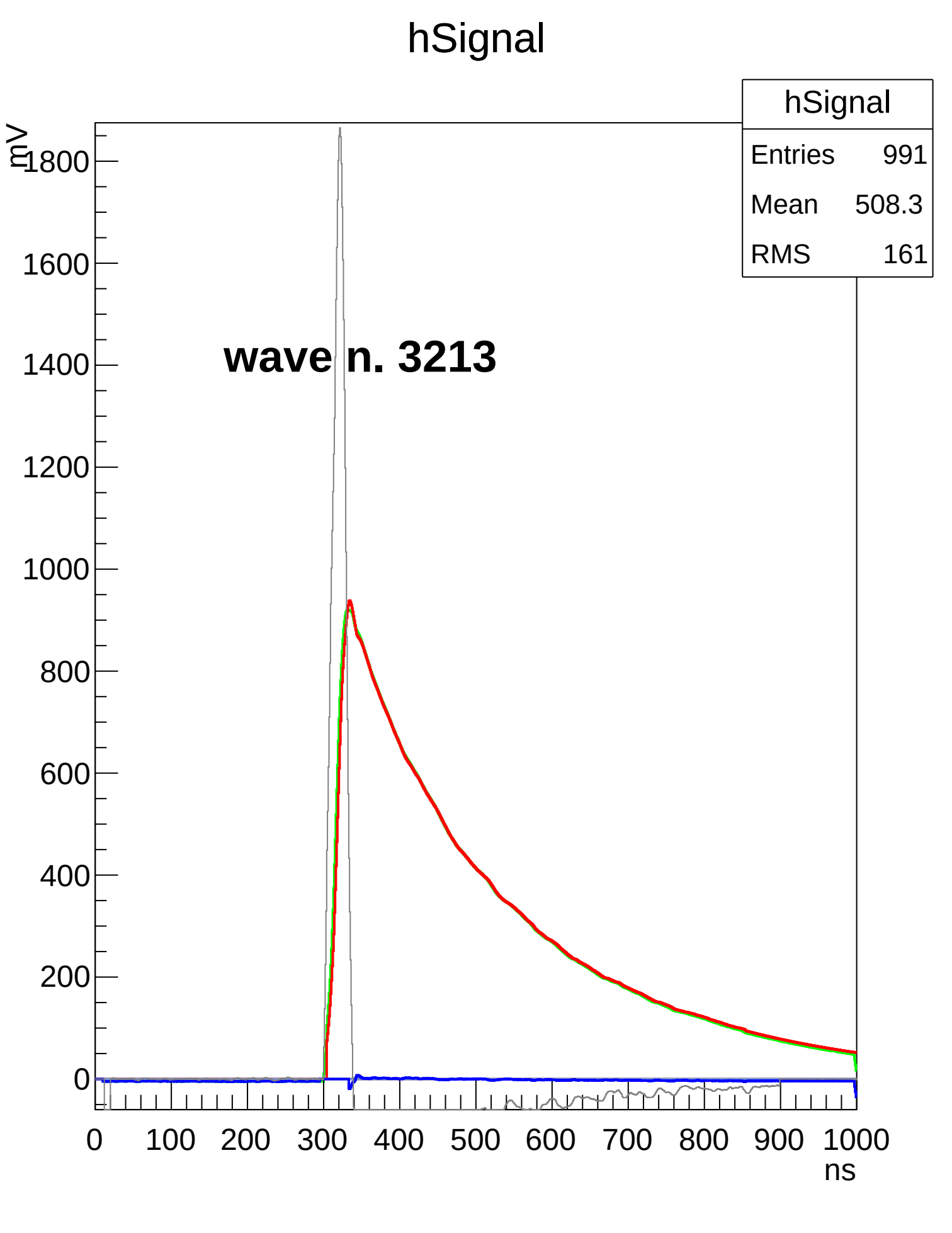
ns


hSignal
hSignal
Entries 991
Mean 508.3
RMS 161
wave n. 3213
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
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400
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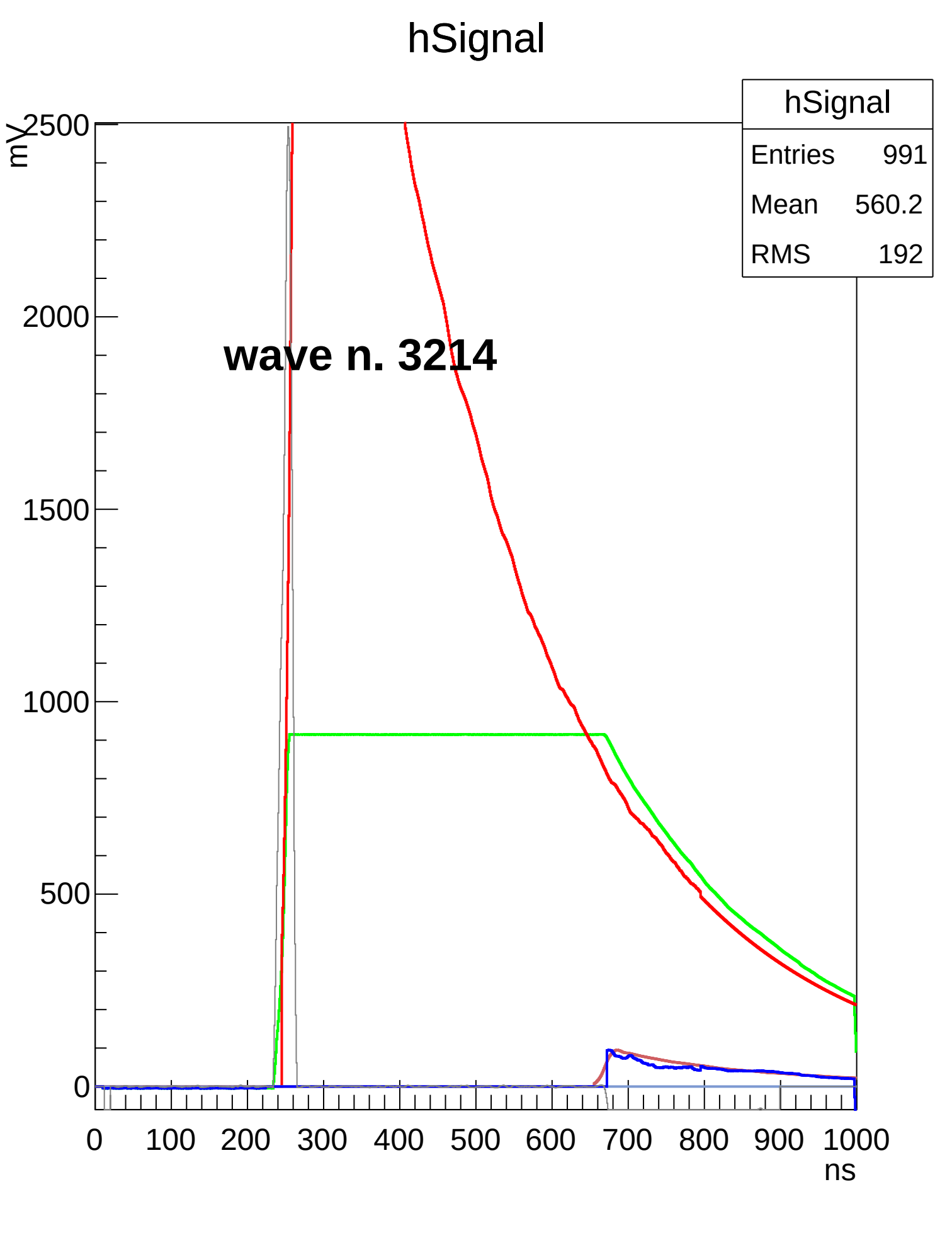
1000
ns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hSignal
Entries 991
Mean 560.2
RMS 192
wave n. 3214
mV
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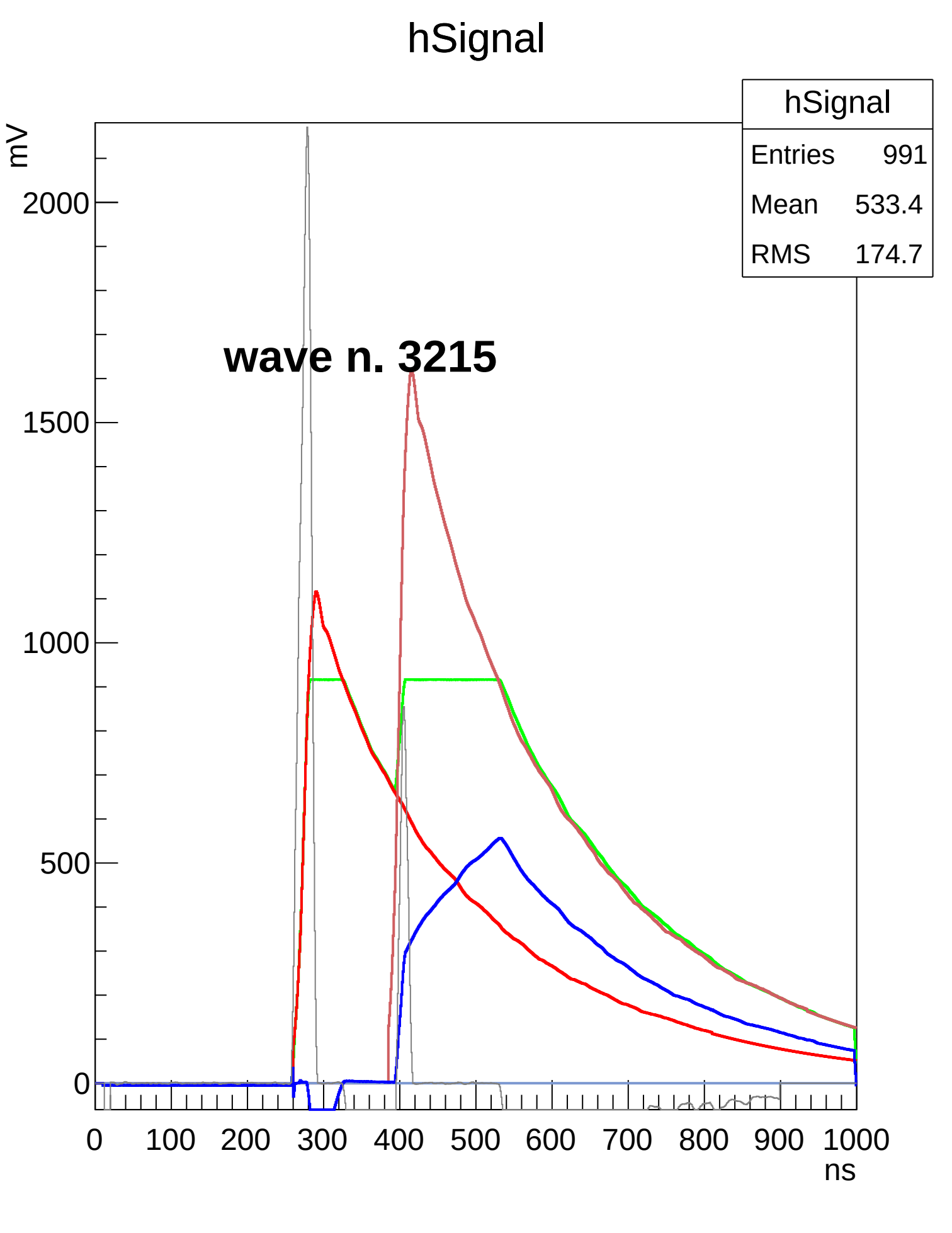
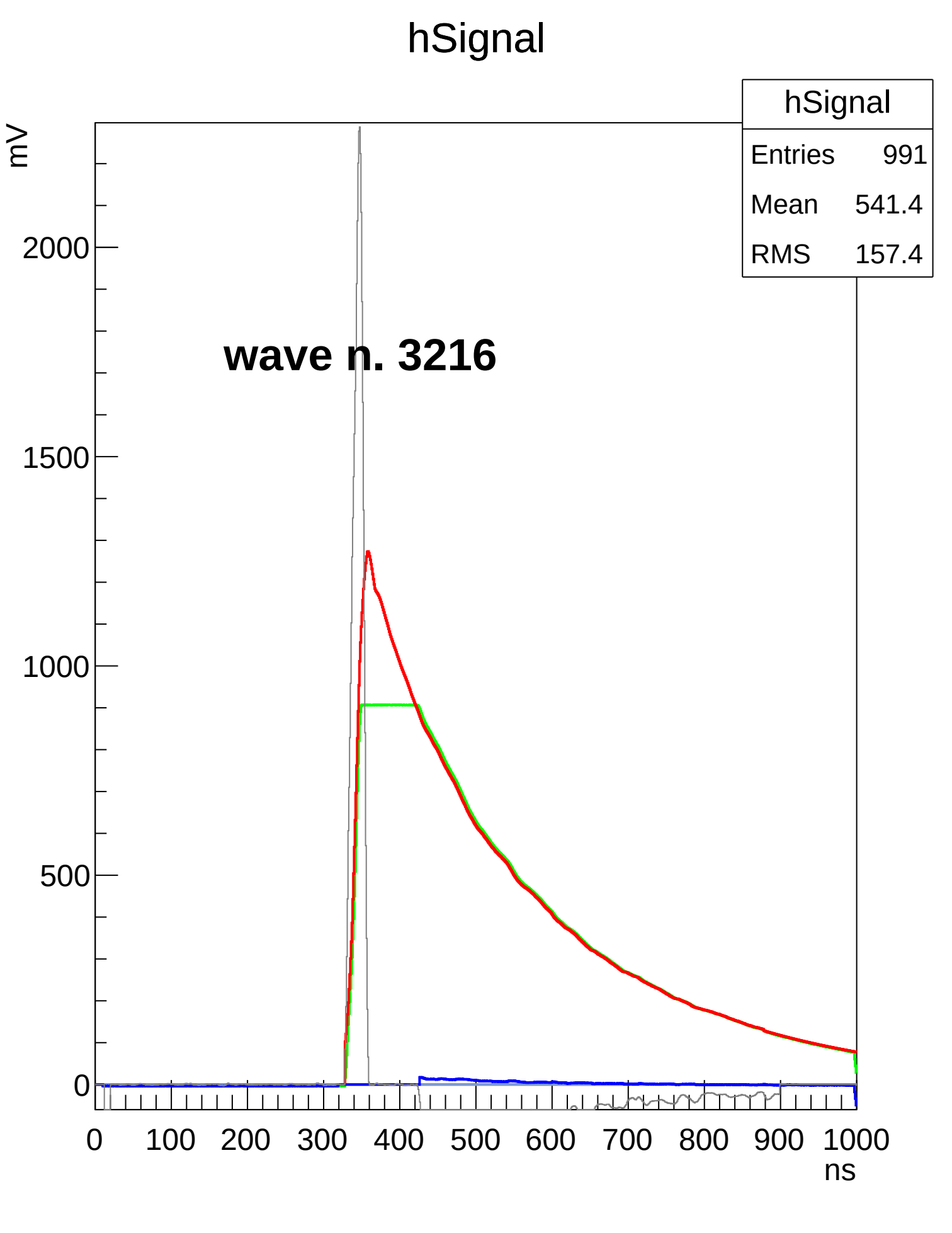
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 533.4
RMS 174.7
wave n. 3215
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 541.4
RMS 157.4
wave n. 3216
mV
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1500
1000
500
0
0
100
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400
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600
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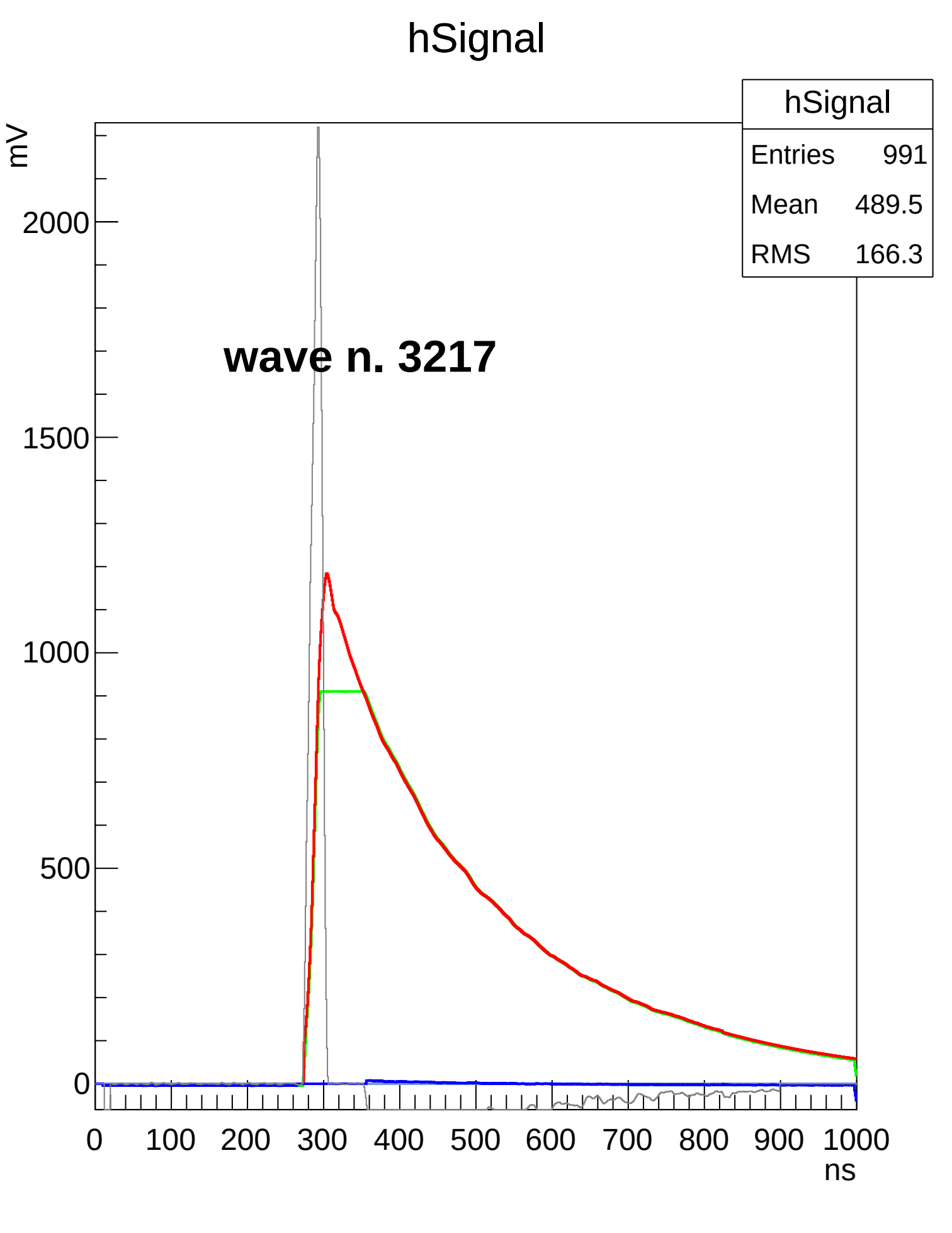
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 489.5
RMS 166.3
wave n. 3217
mV
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1500
1000
500
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0
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400
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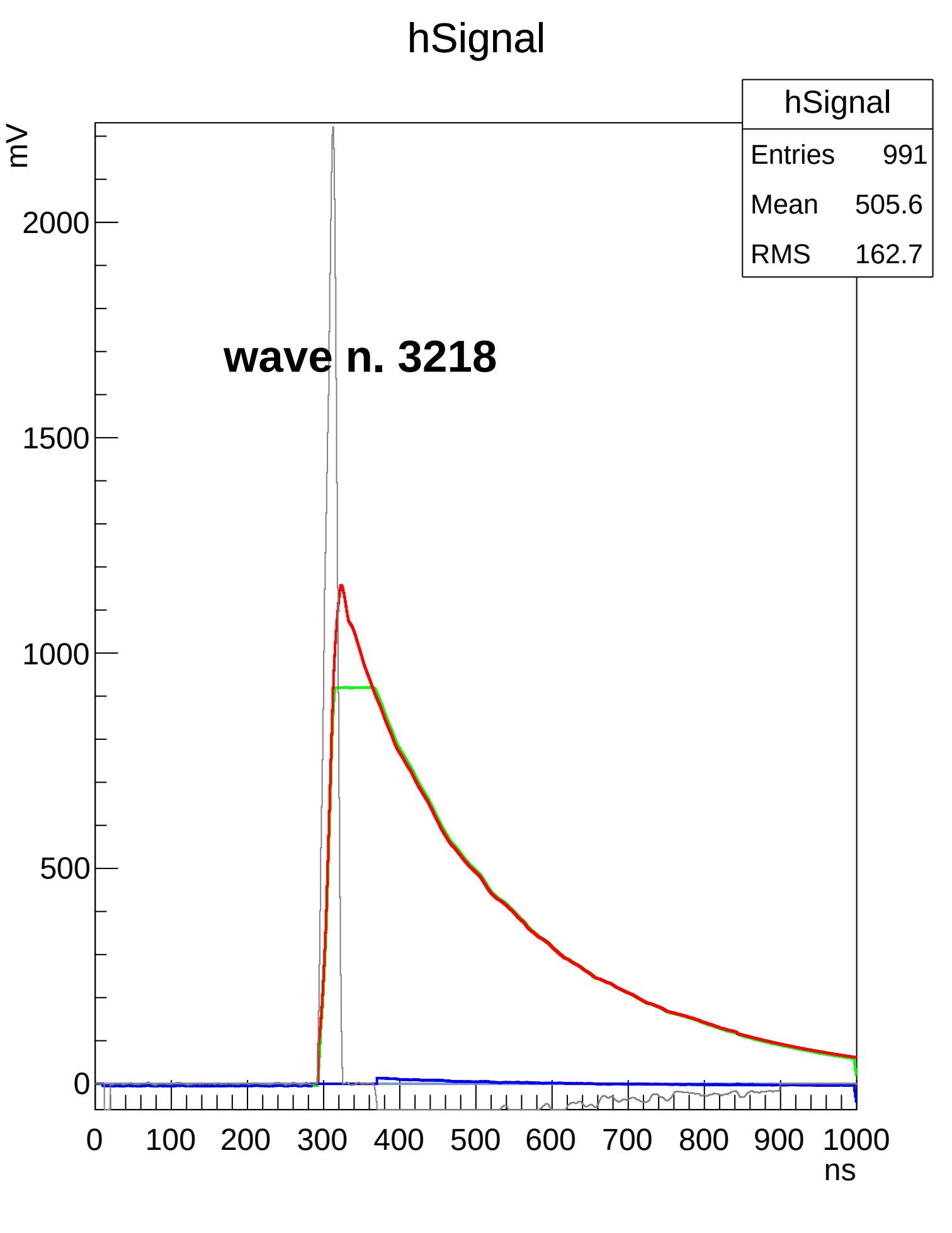
800
900
1000
ns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hSignal
Entries 991
Mean 505.6
RMS 162.7
wave n. 3218
mV
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1000
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0
100
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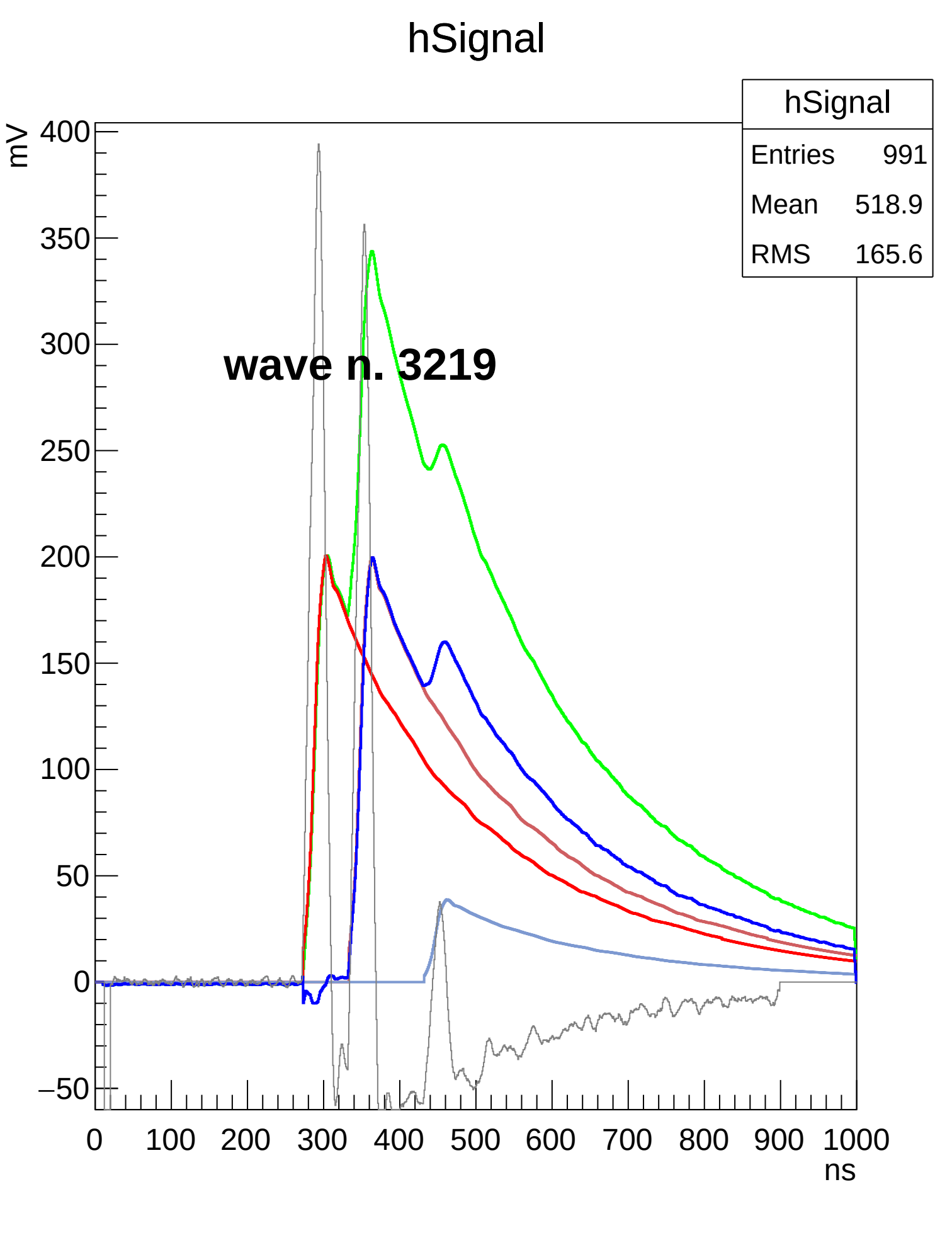
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.9
RMS 165.6
wave n. 3219
mV
400
350
300
250
200
150
100
50
0
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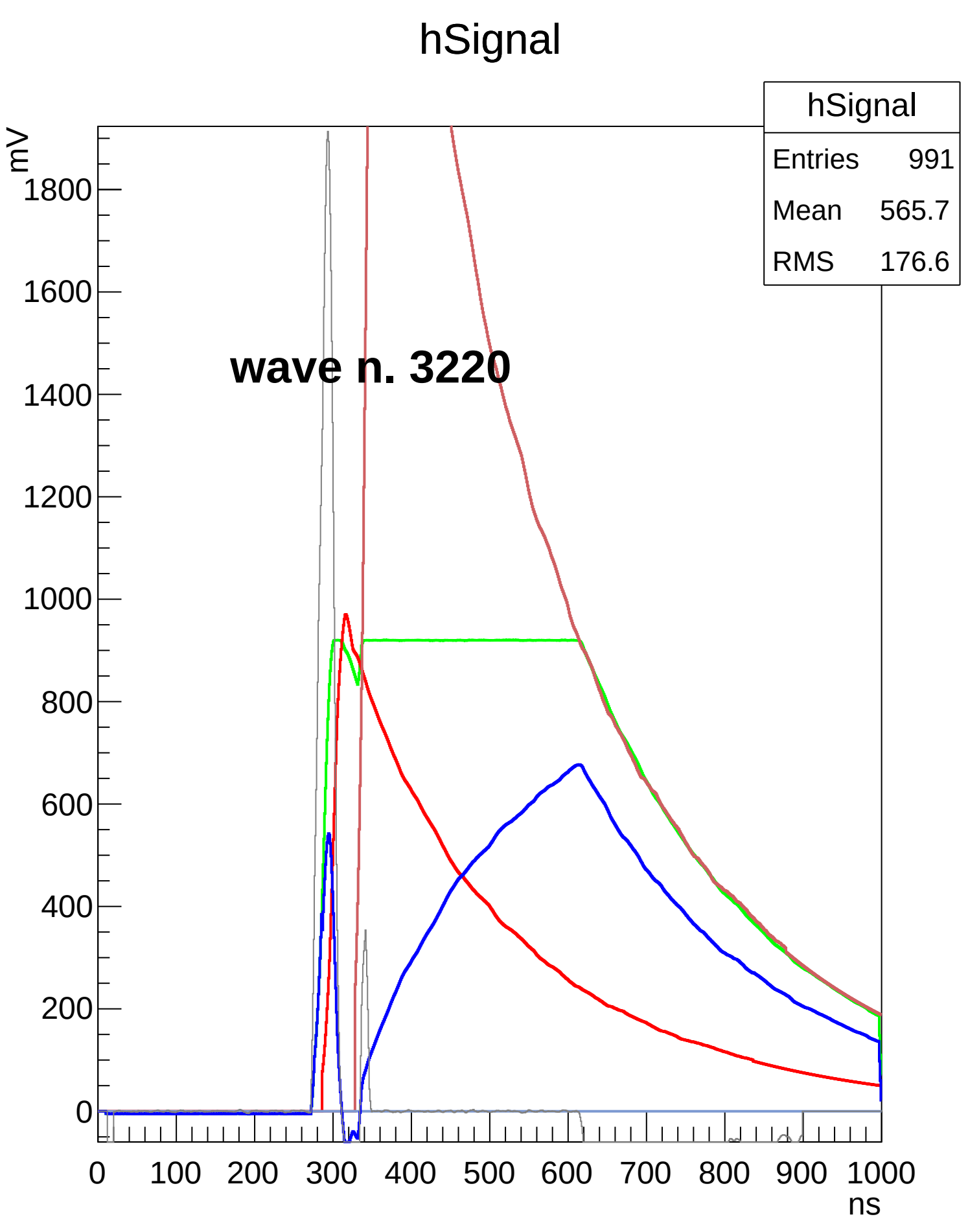
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.7
RMS 176.6
wave n. 3220
mV
1800
1600
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600
400
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0
100
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400
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1000
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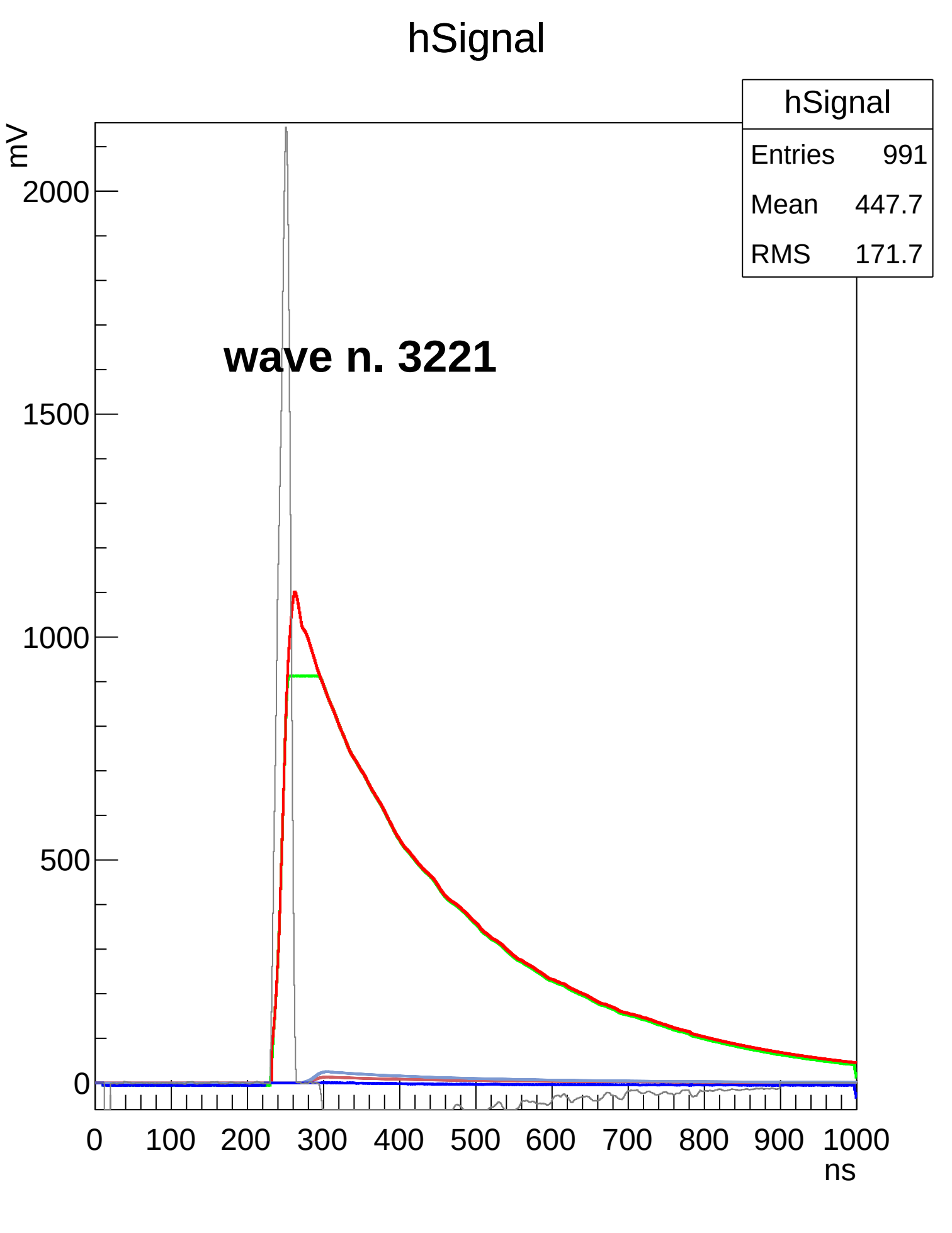
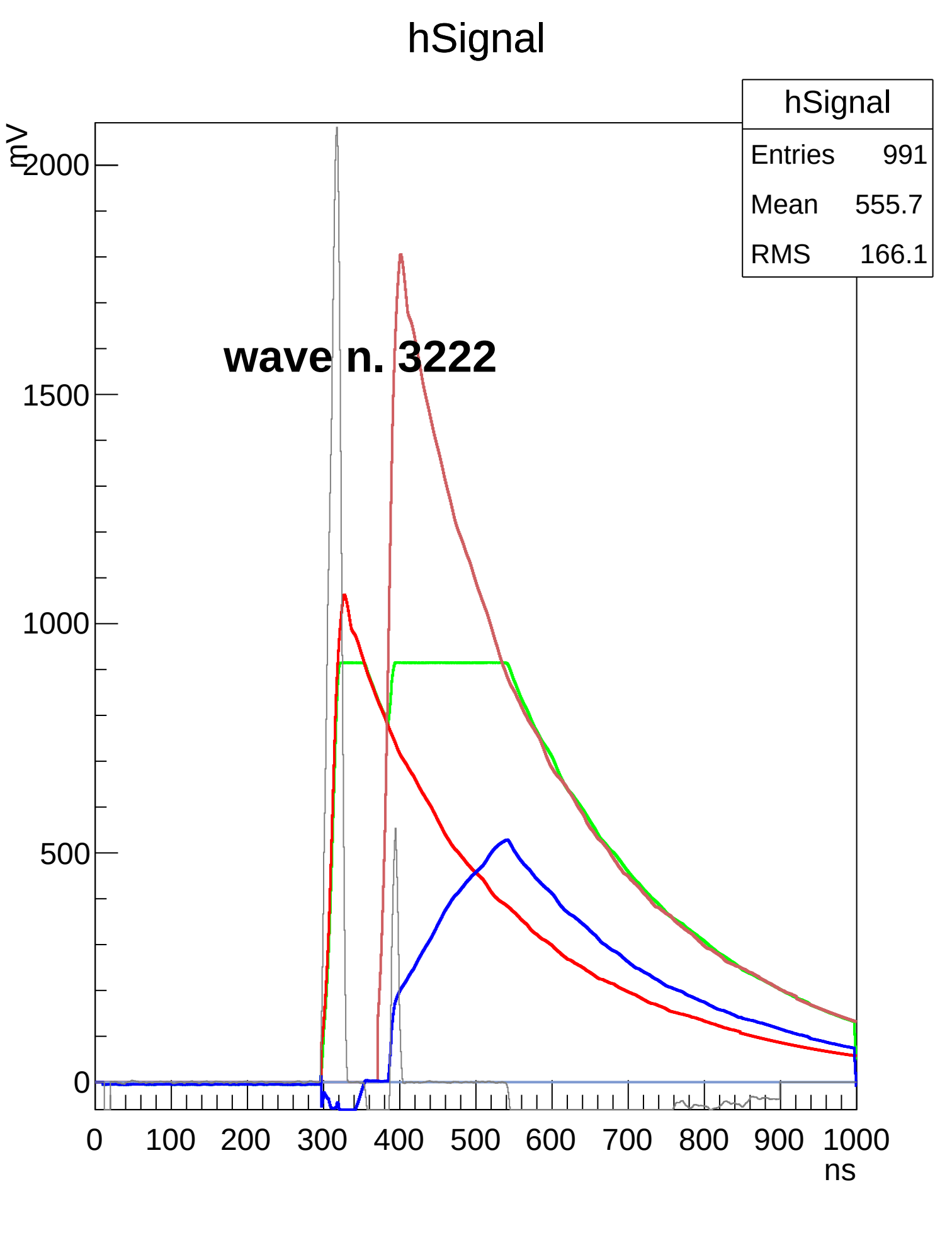

hSignal
hSignal
Entries 991
Mean 447.7
RMS 171.7
wave n. 3221
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 555.7
RMS 166.1
wave n. 3222
mV
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1500
1000
500
0
0
100
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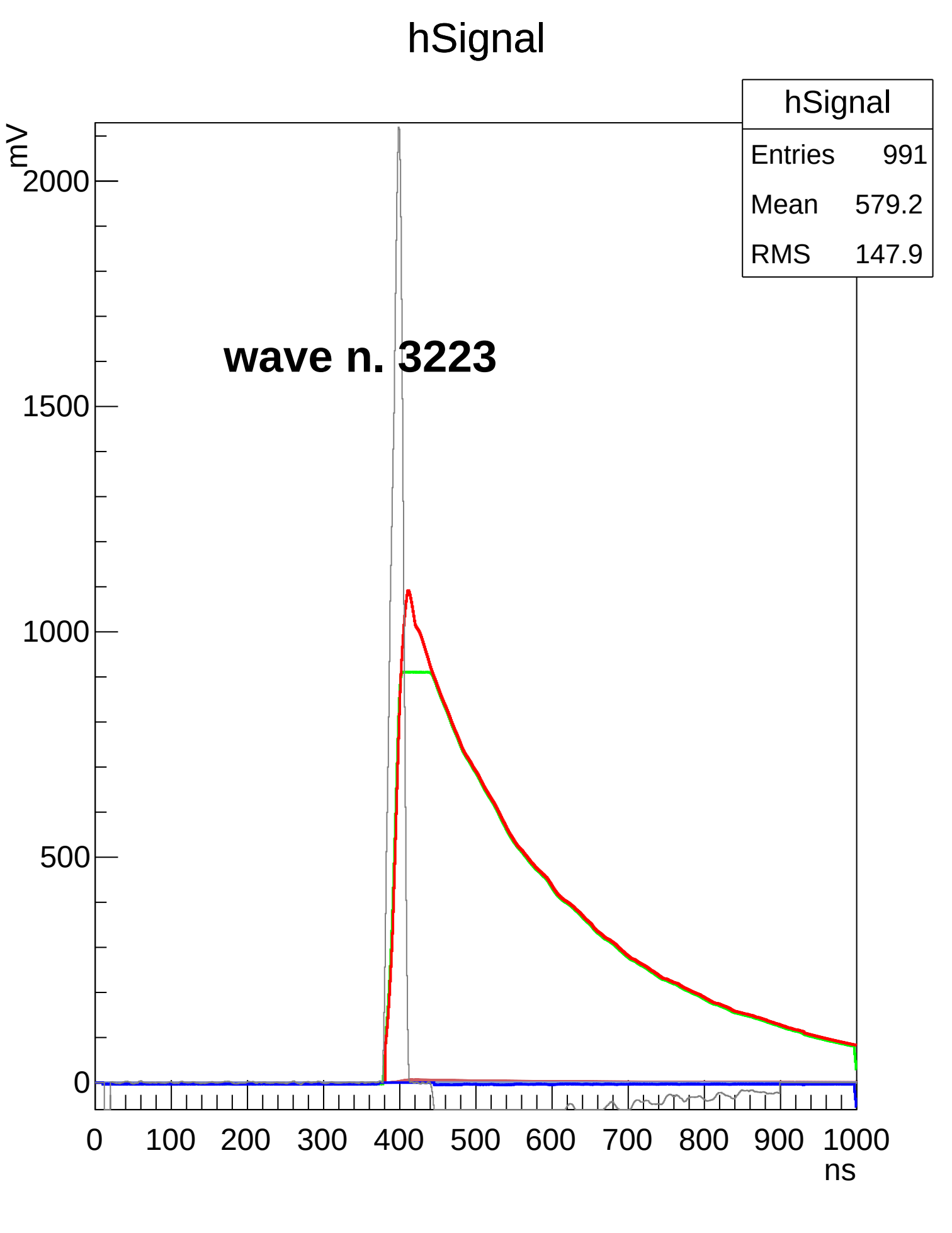
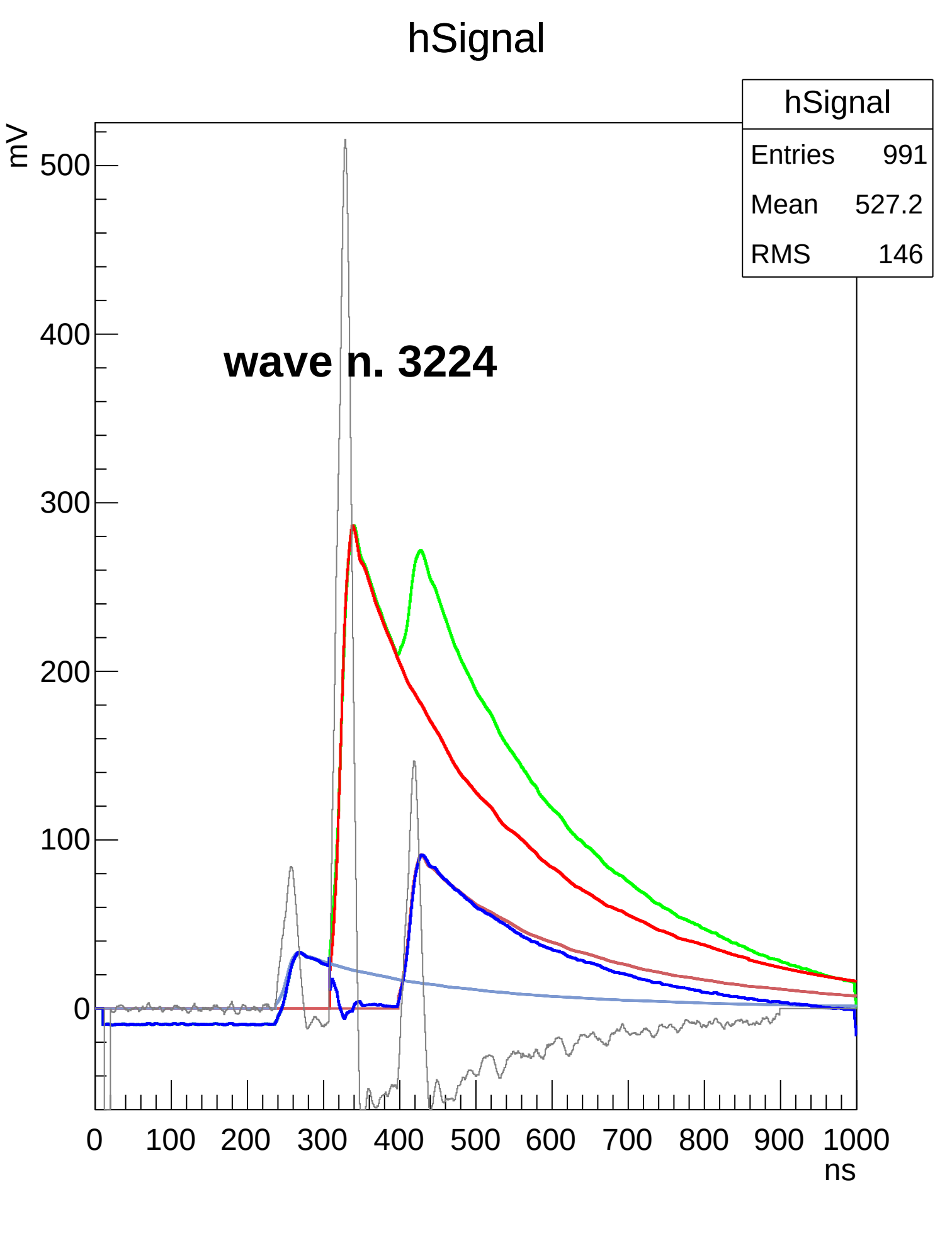
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 579.2
RMS 147.9
wave n. 3223
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 527.2
RMS 146
wave n. 3224
mV
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300
200
100
0
0
100
200
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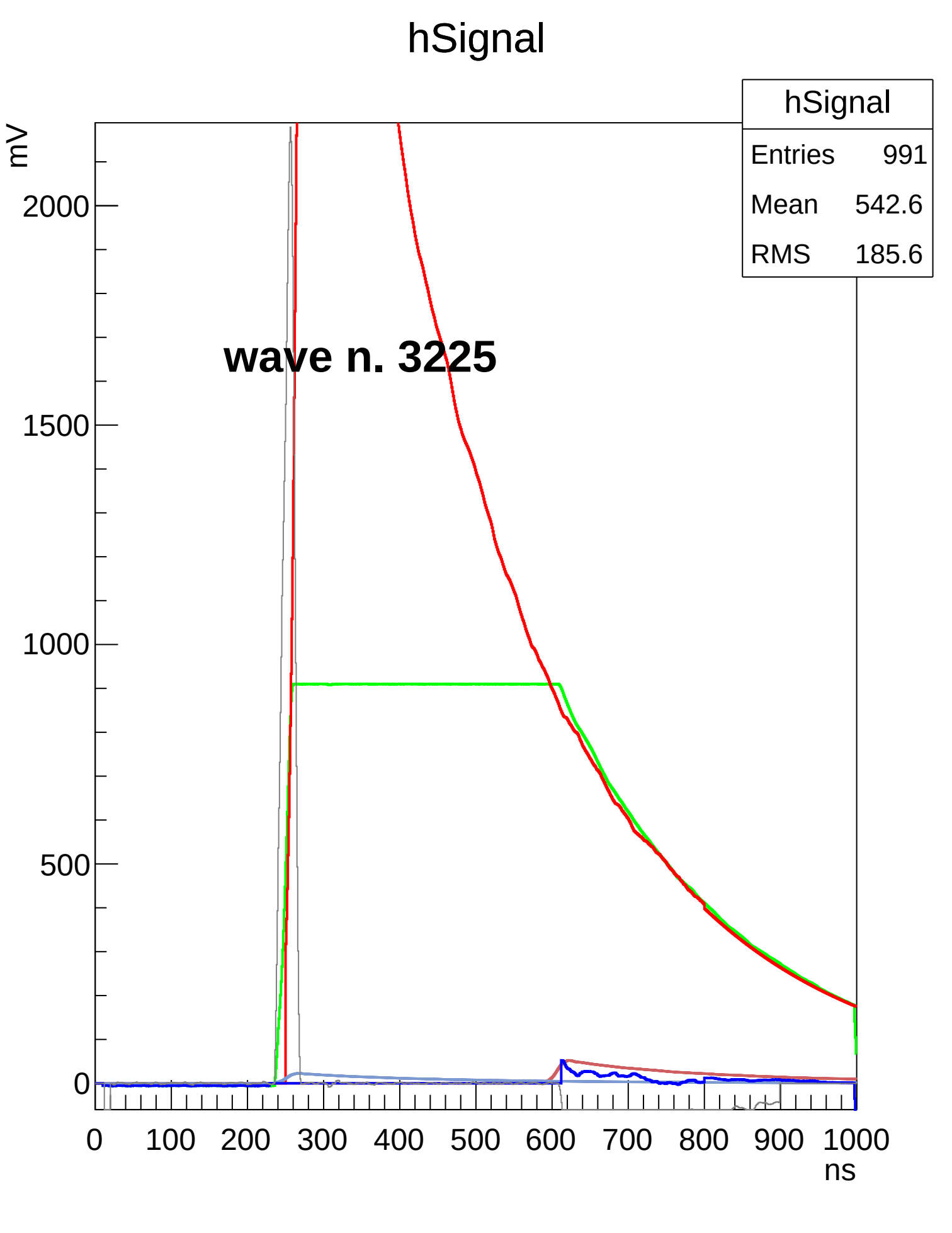
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.6
RMS 185.6
wave n. 3225
mV
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1000
500
0
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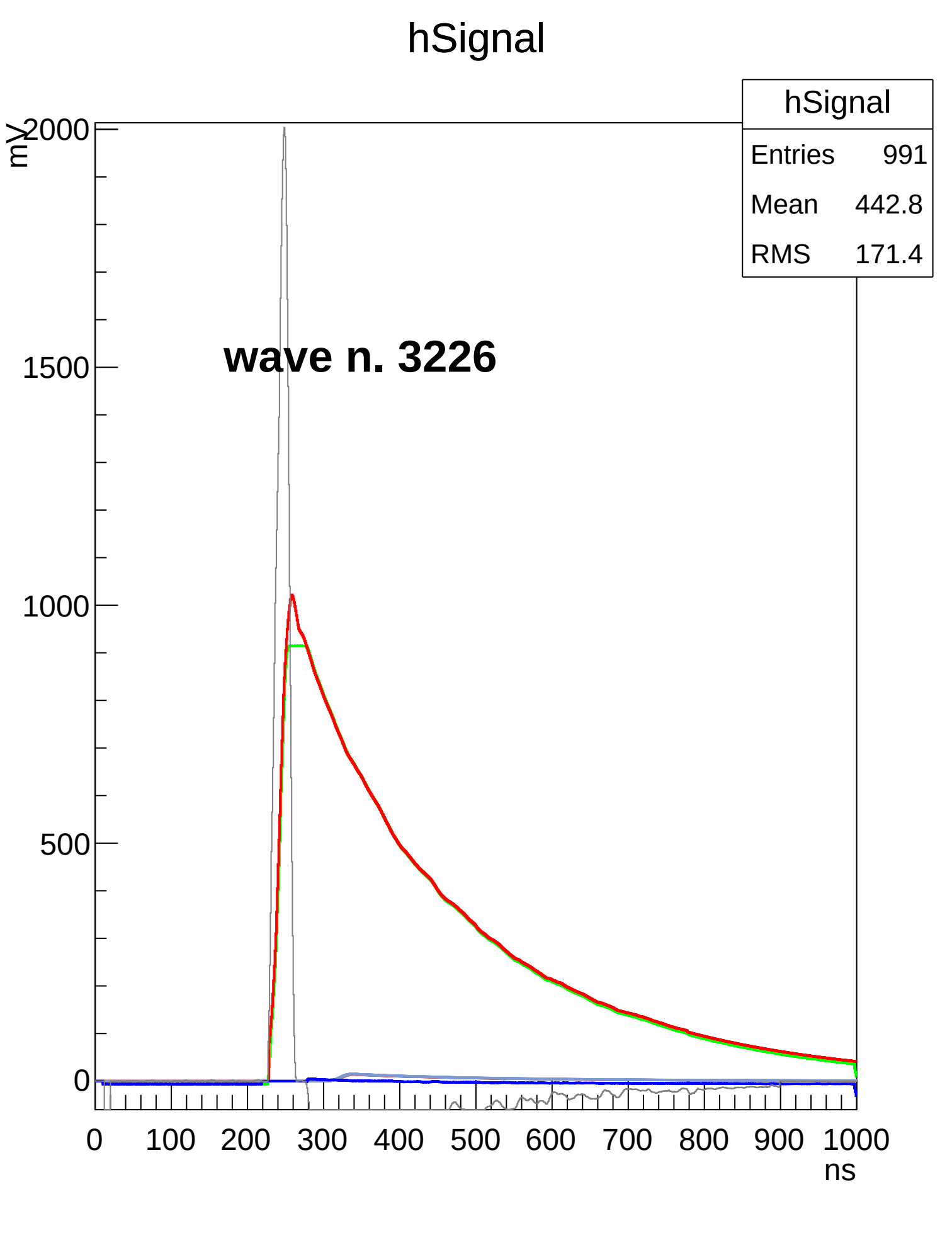
ns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hSignal
Entries 991
Mean 442.8
RMS 171.4
wave n. 3226
mV
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1000
500
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400
500
600
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800
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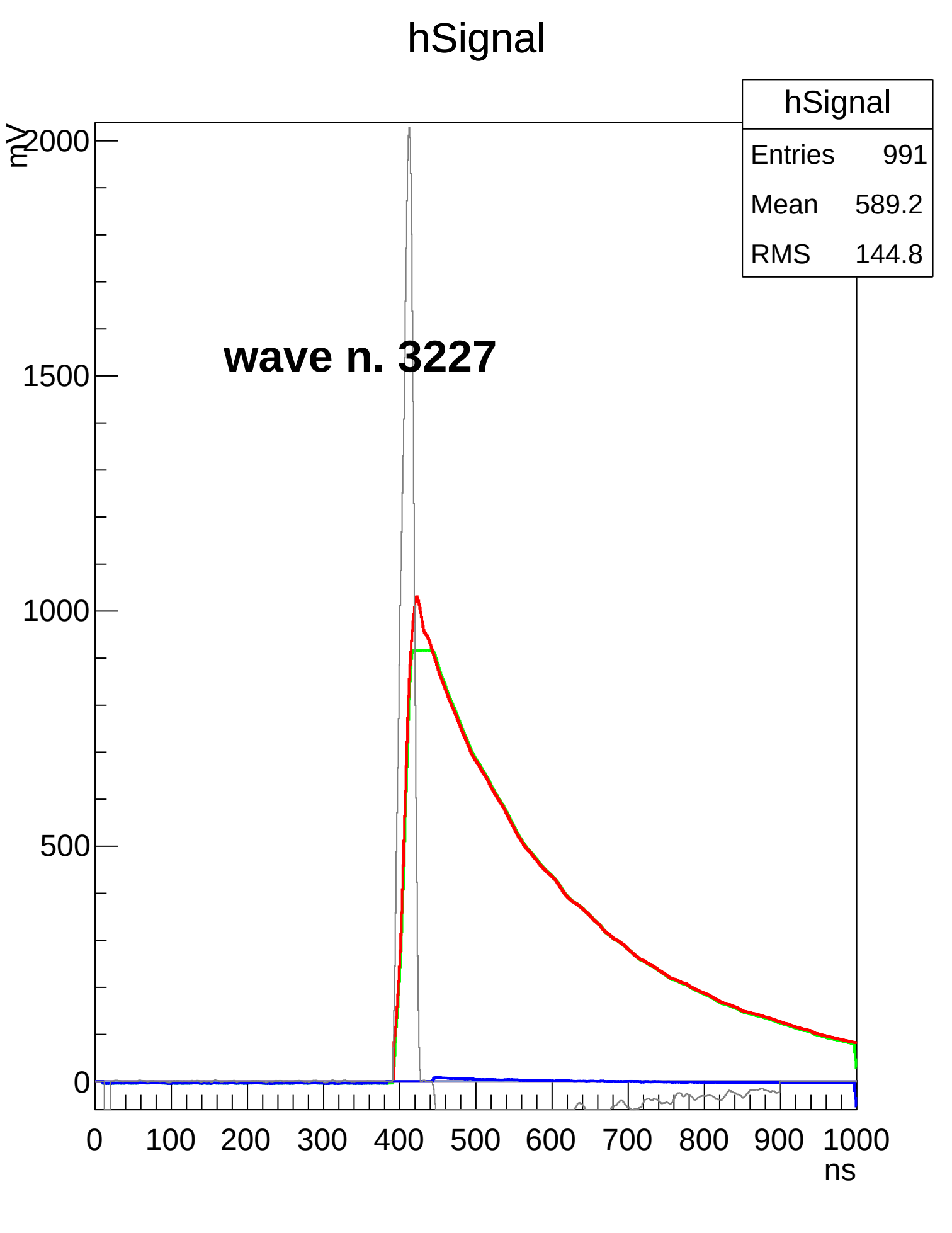
1000
ns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Entries 991
Mean 589.2
RMS 144.8
wave n. 3227
mV
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1000
500
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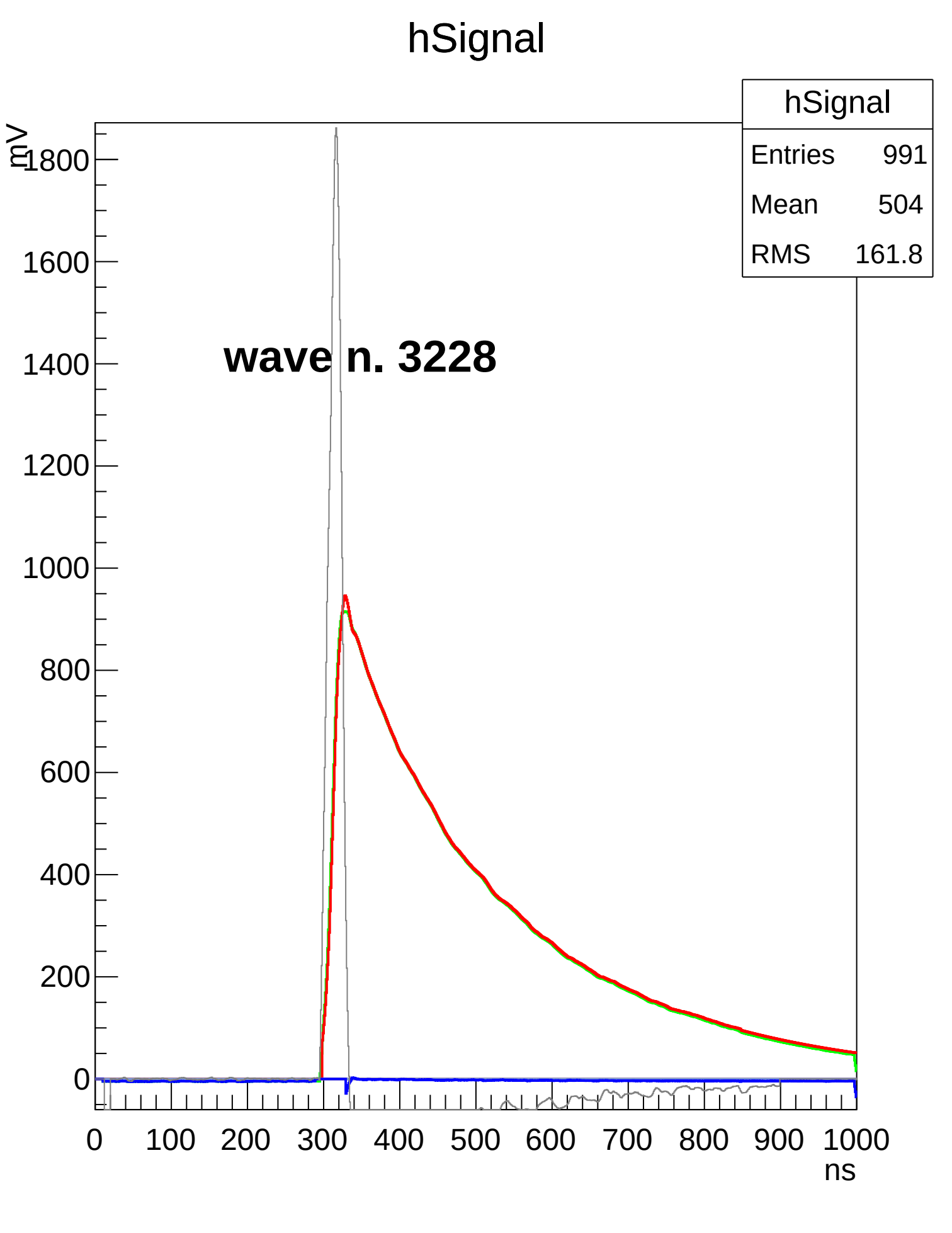
ns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Mean 504
RMS 161.8
wave n. 3228
mV
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800
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400
200
0
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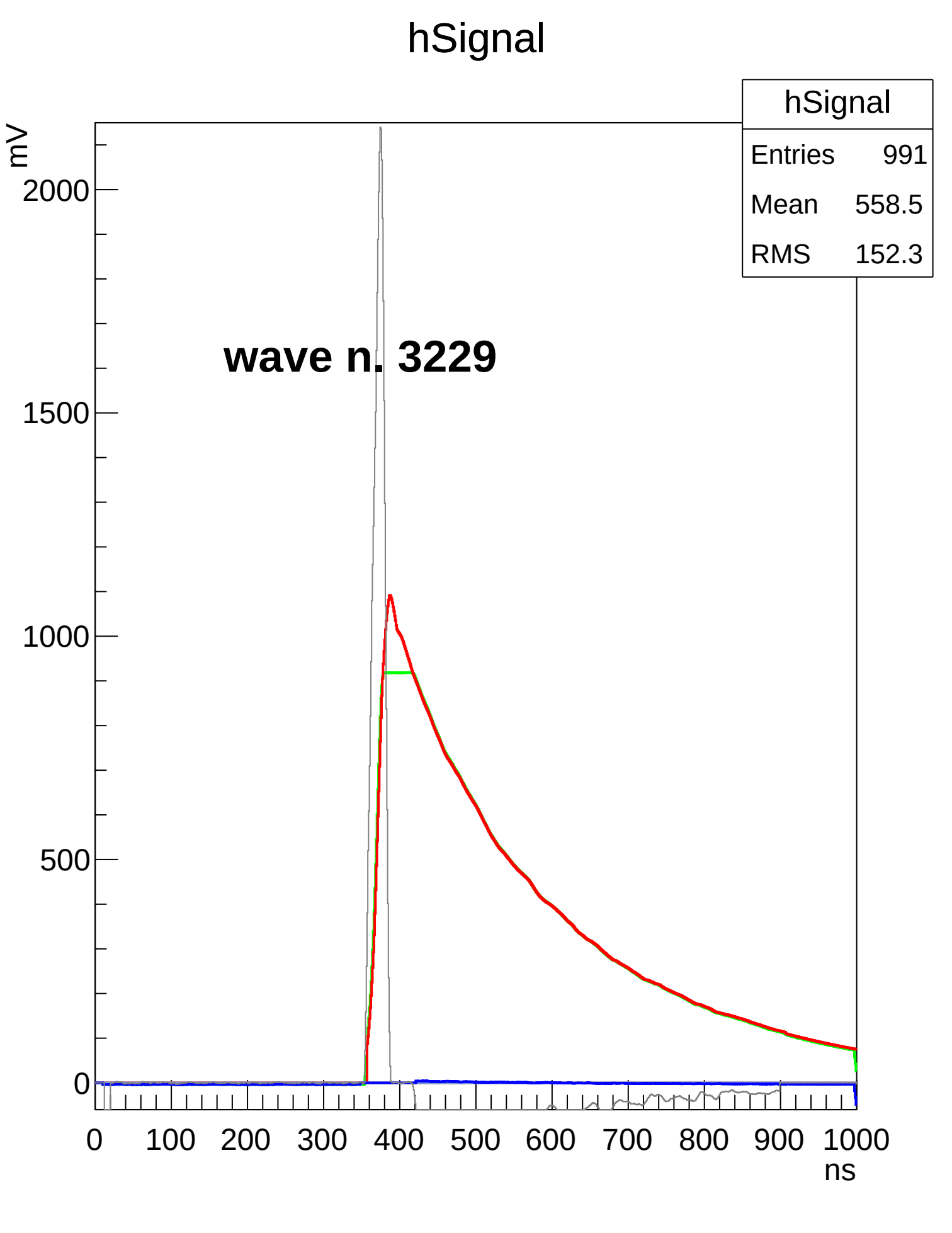
ns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Entries 991
Mean 558.5
RMS 152.3
wave n. 3229
mV
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500
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100
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400
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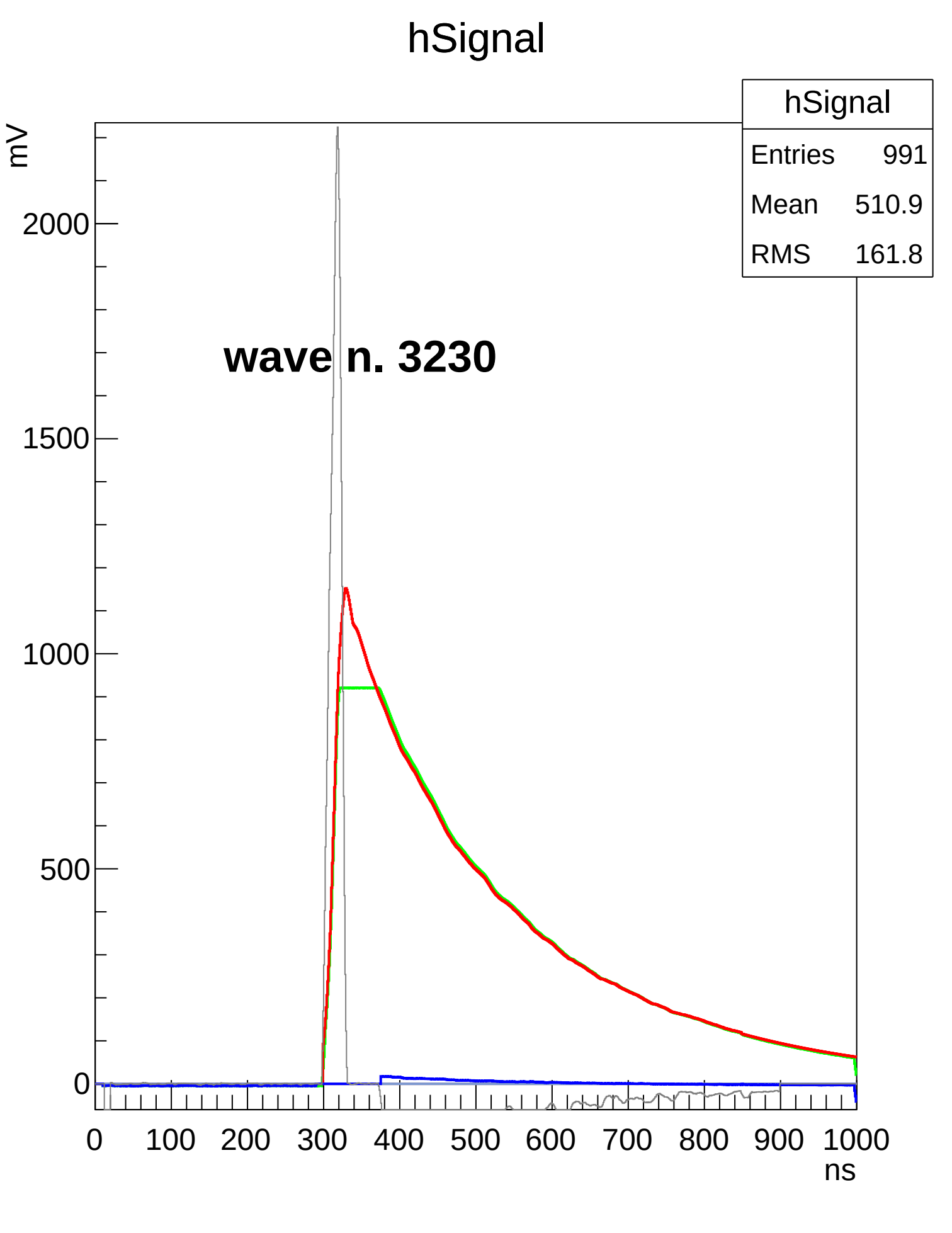
1000
ns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hSignal
Entries 991
Mean 510.9
RMS 161.8
wave n. 3230
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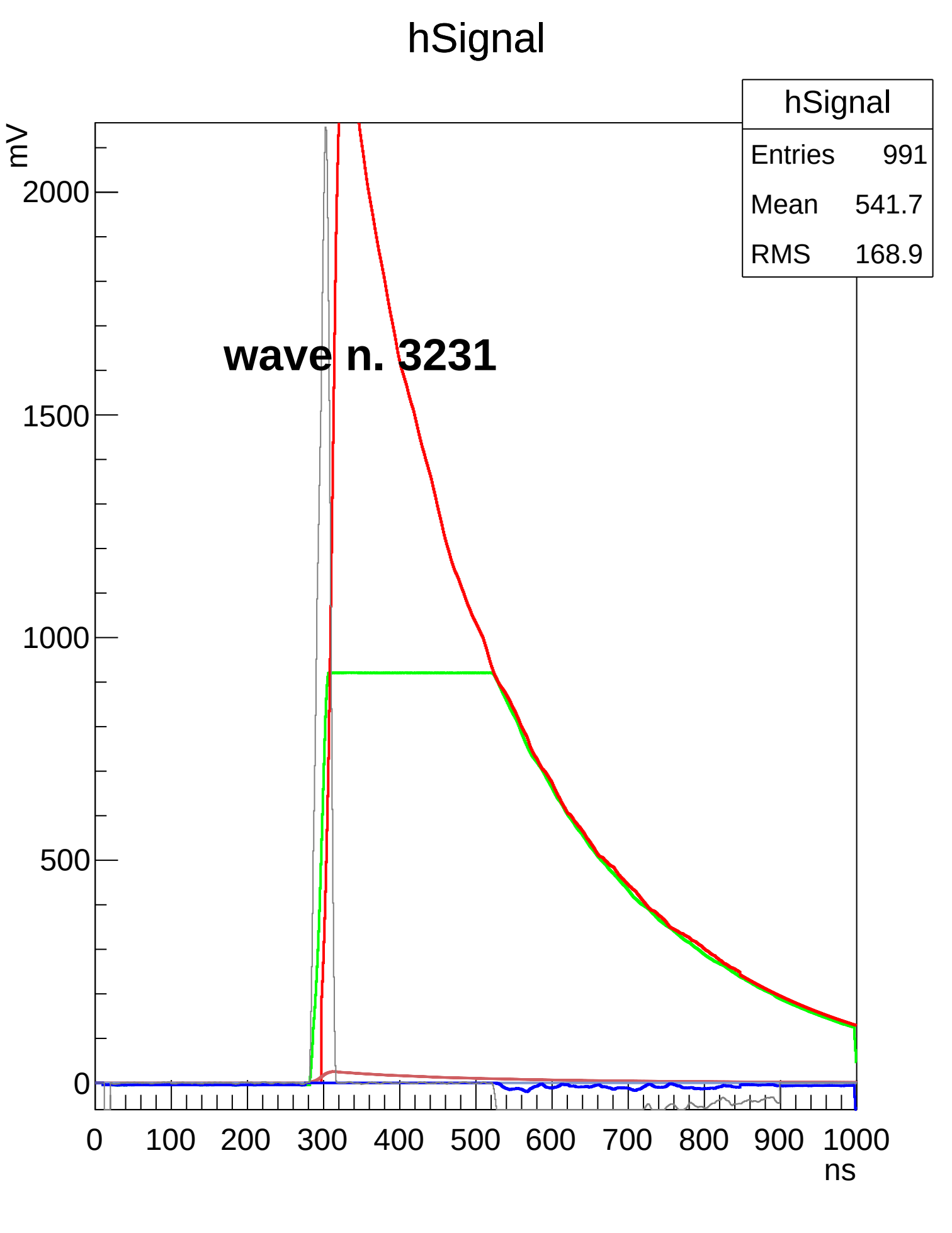
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 541.7
RMS 168.9
wave n. 3231
mV
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0
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800
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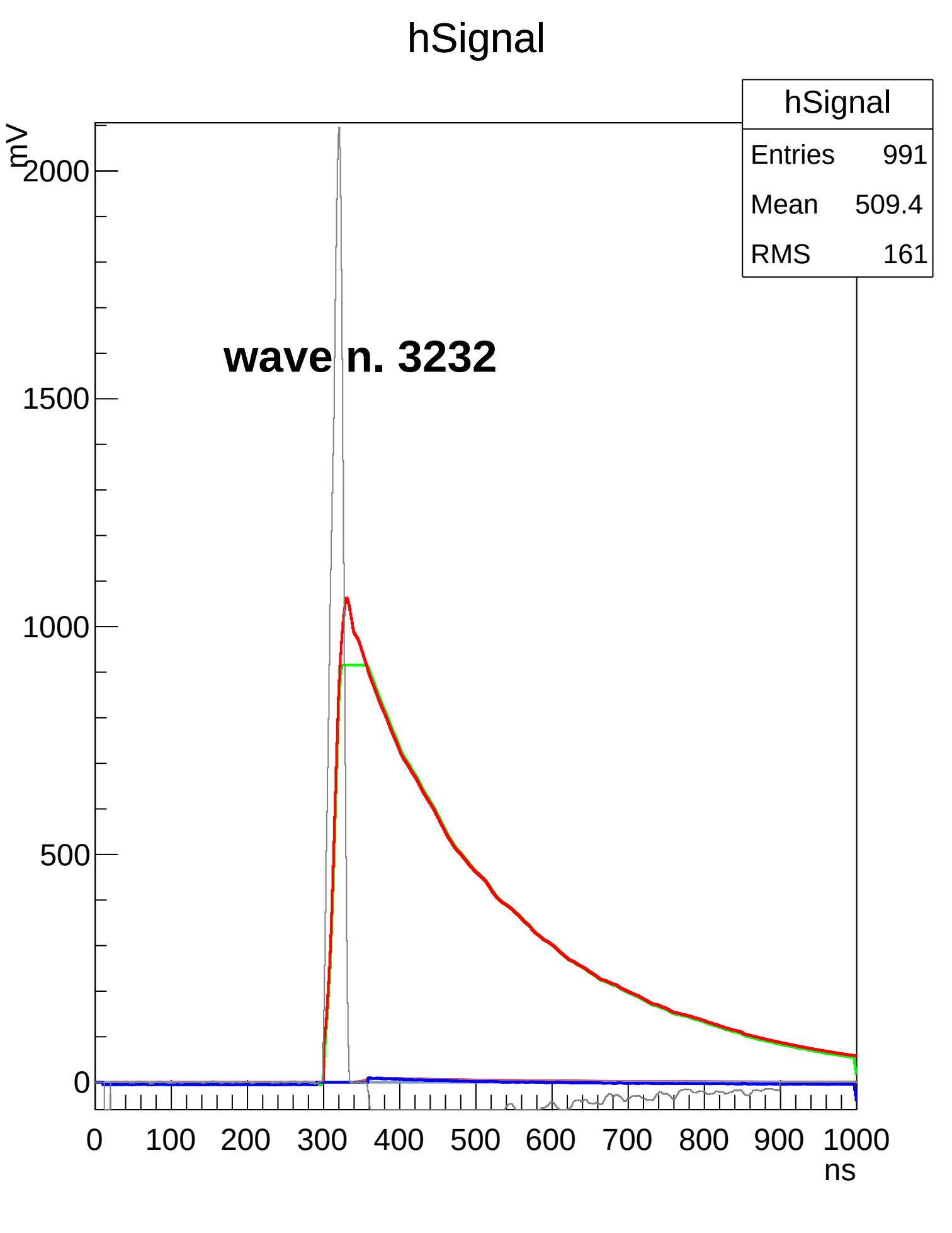
1000
ns


hSignal
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Entries 991
Mean 509.4
RMS 161
wave n. 3232
mV
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1000
500
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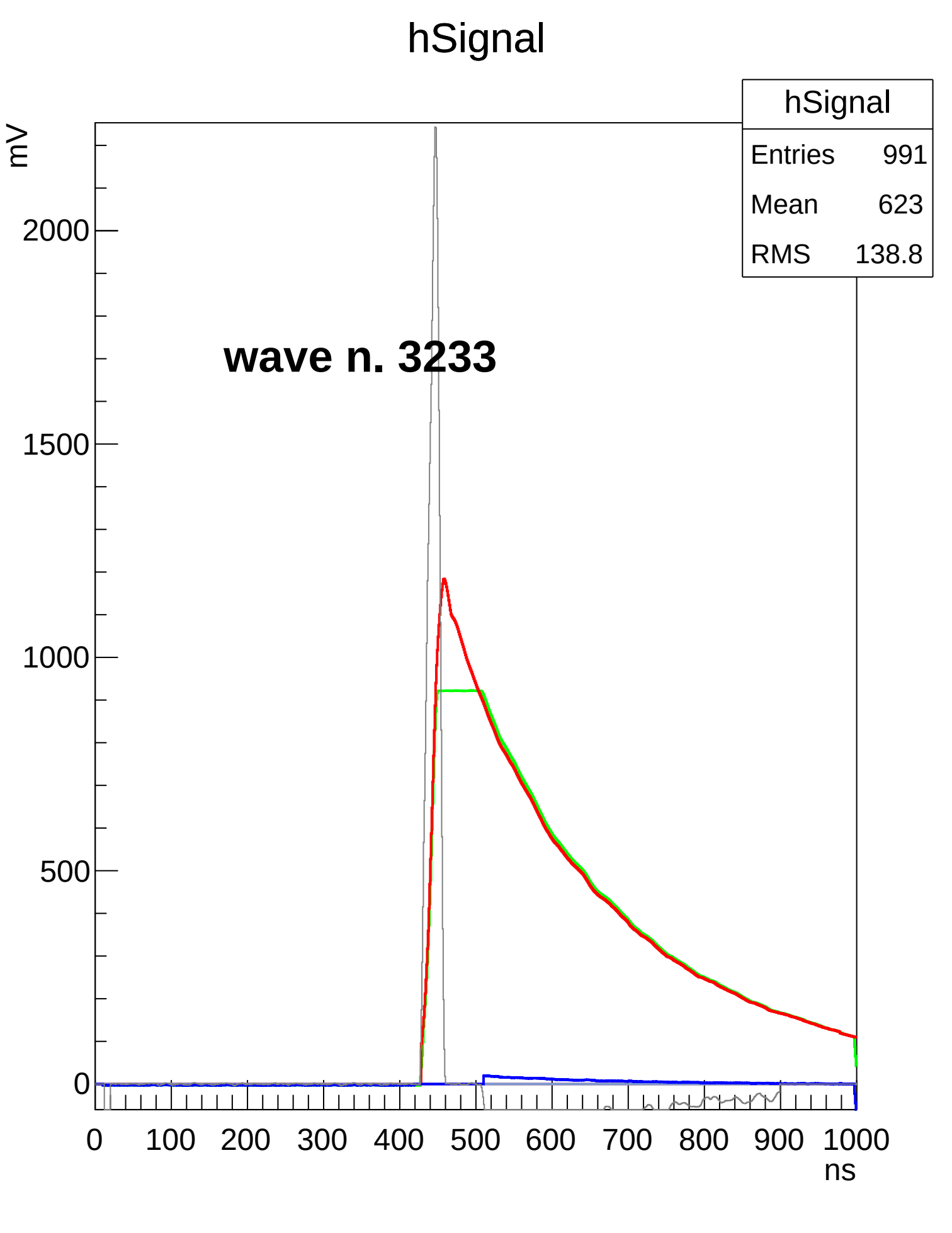
ns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hSignal
Entries 991
Mean 623
RMS 138.8
wave n. 3233
mV
2000
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1000
500
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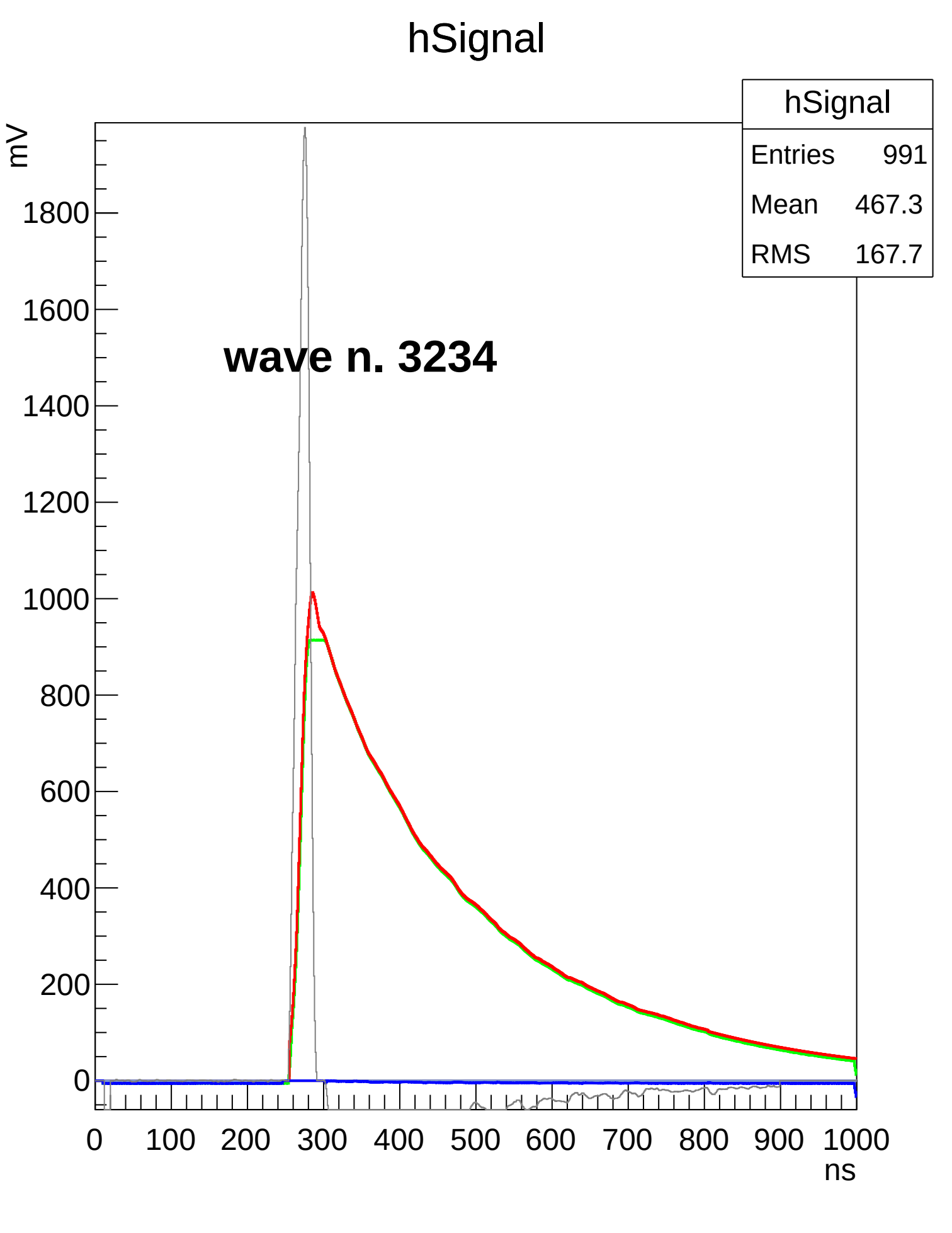
ns


hSignal
hSignal
Entries 991
Mean 467.3
RMS 167.7
wave n. 3234
mV
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1000
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400
200
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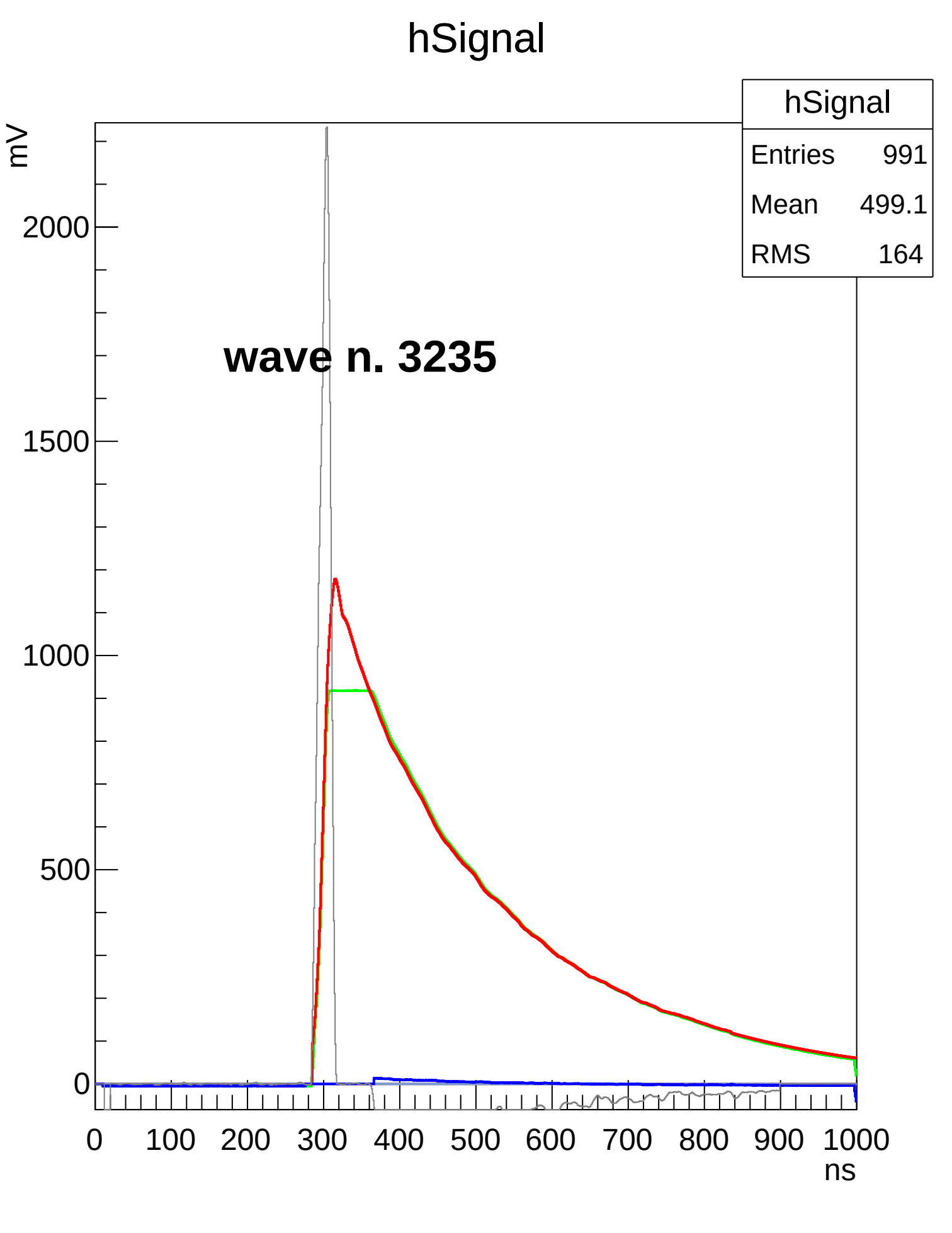
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hSignal
Entries 991
Mean 499.1
RMS 164
wave n. 3235
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1000
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0
100
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800
900
1000
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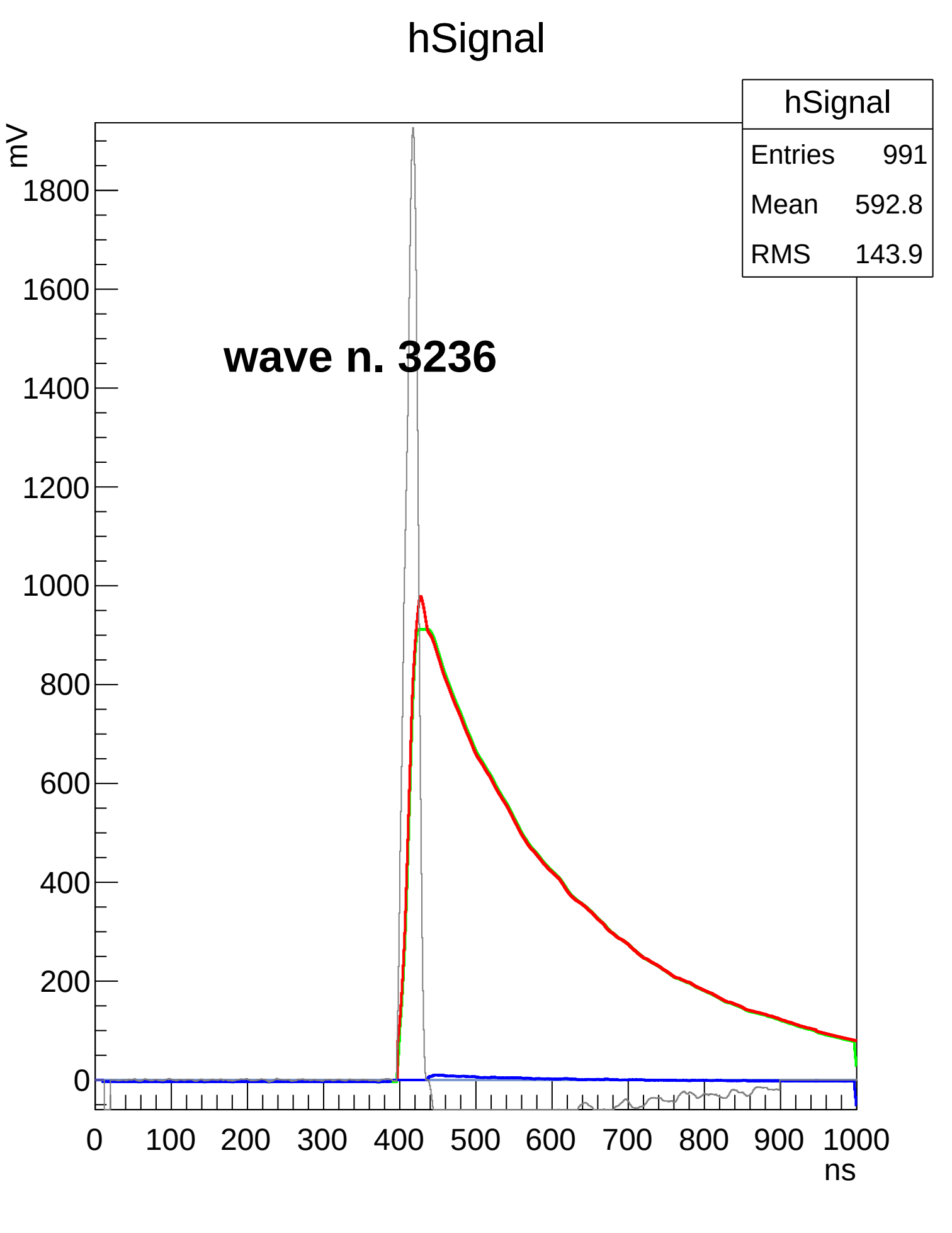
hSignal
hSignal
Entries 991
Mean 592.8
RMS 143.9
wave n. 3236
mV
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1600
1400
1200
1000
800
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400
200
0
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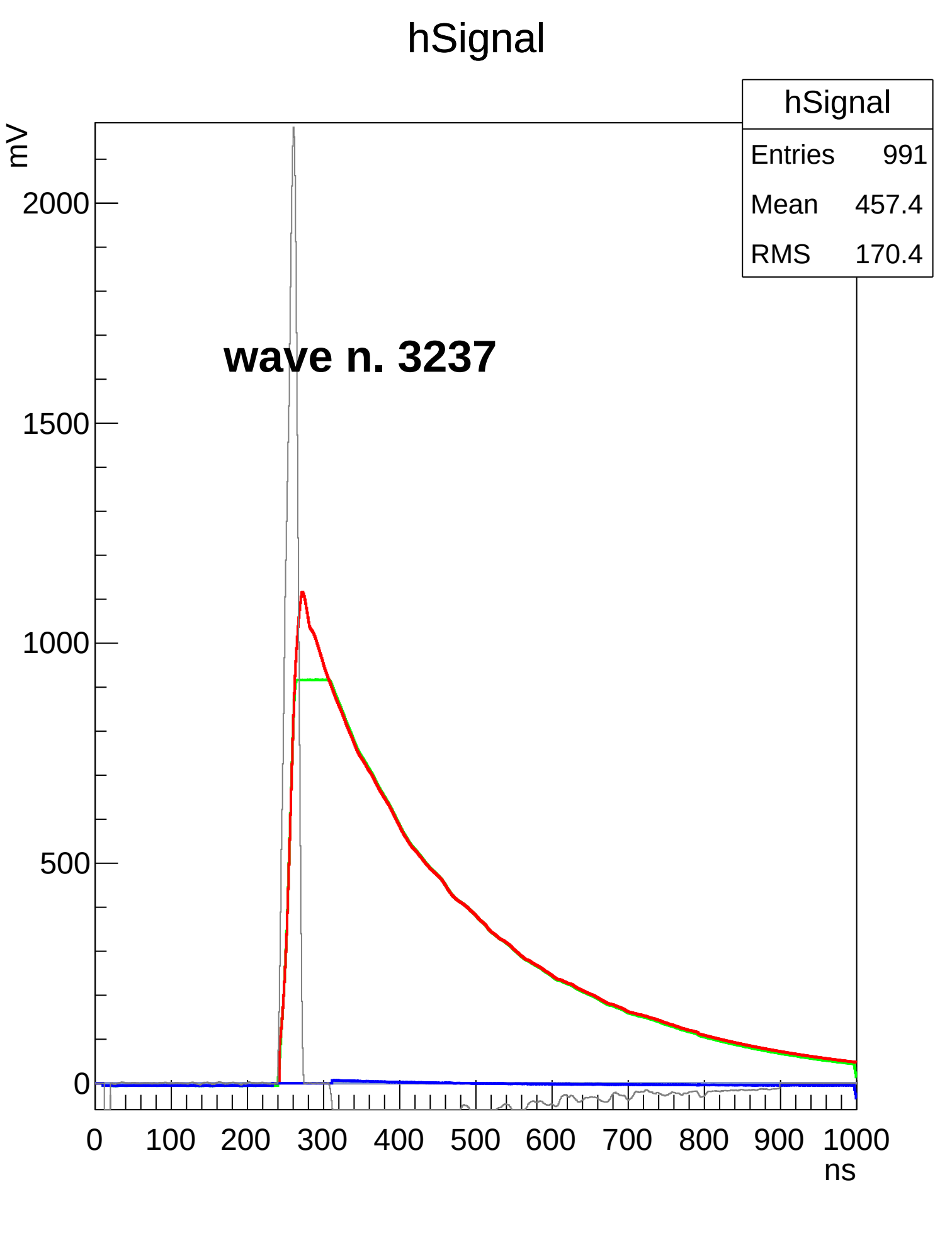
ns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hSignal
Entries 991
Mean 457.4
RMS 170.4
wave n. 3237
mV
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1000
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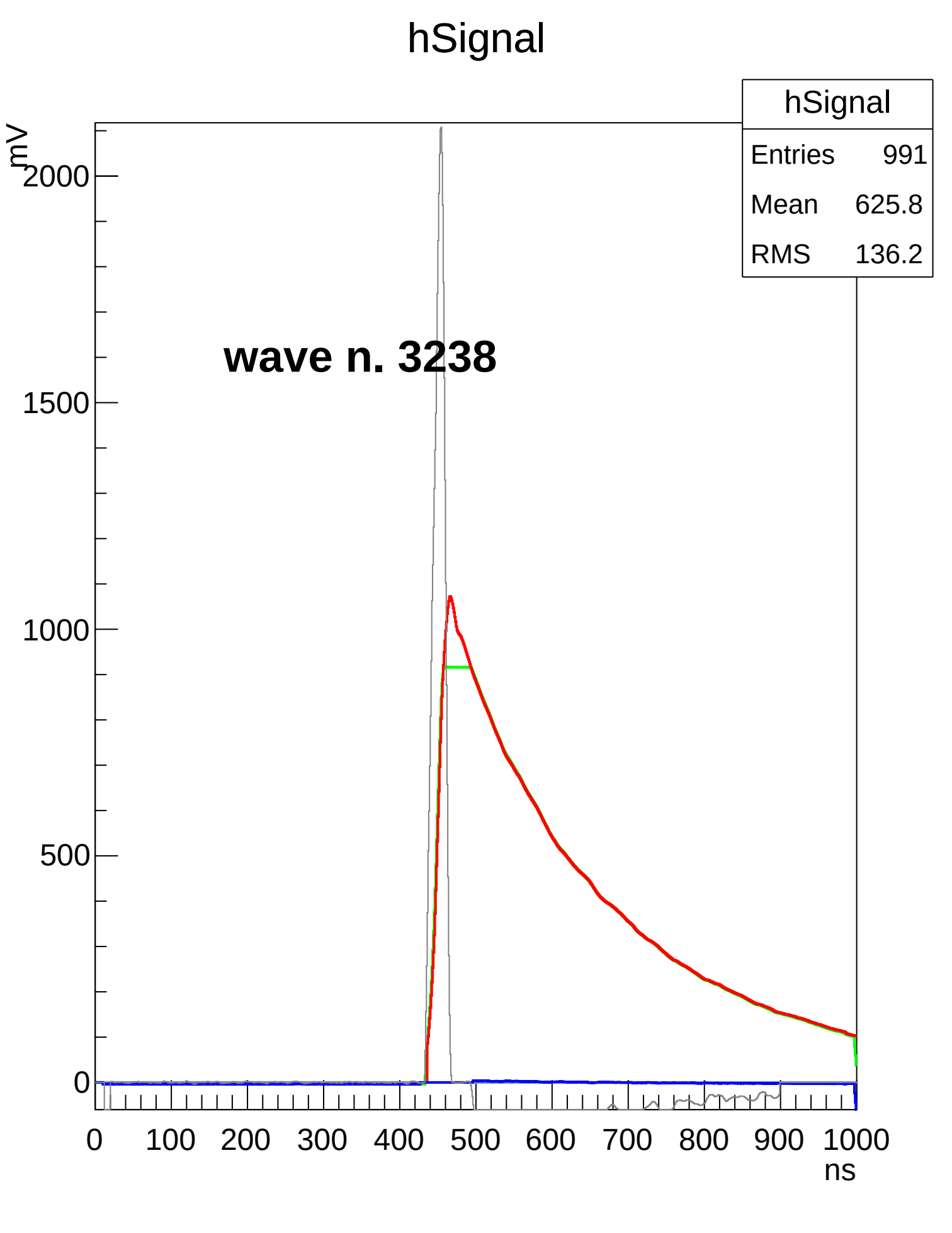
ns


hSignal
hSignal
Entries 991
Mean 625.8
RMS 136.2
wave n. 3238
mV
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1500
1000
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0
100
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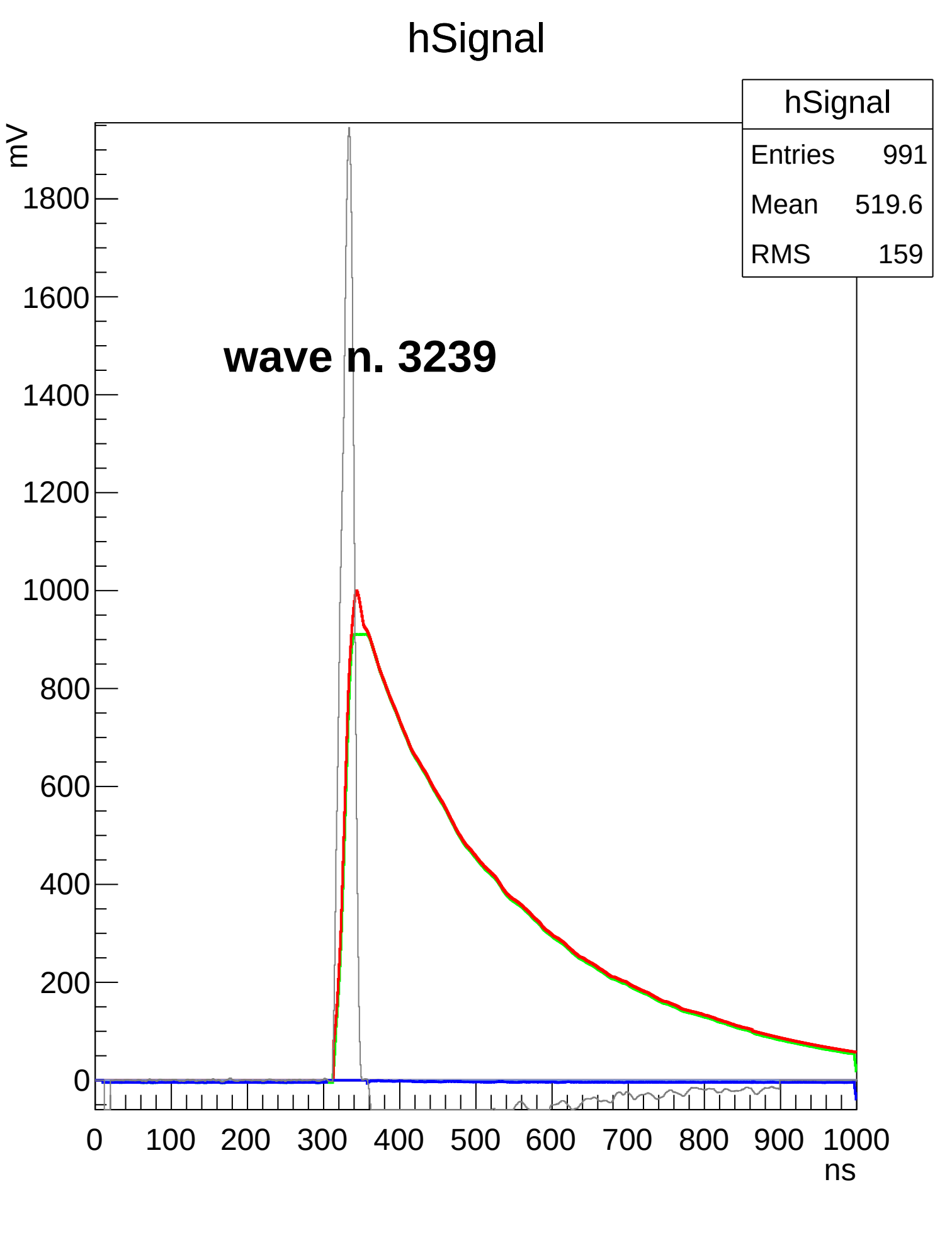
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.6
RMS 159
wave n. 3239
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1200
1000
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200
0
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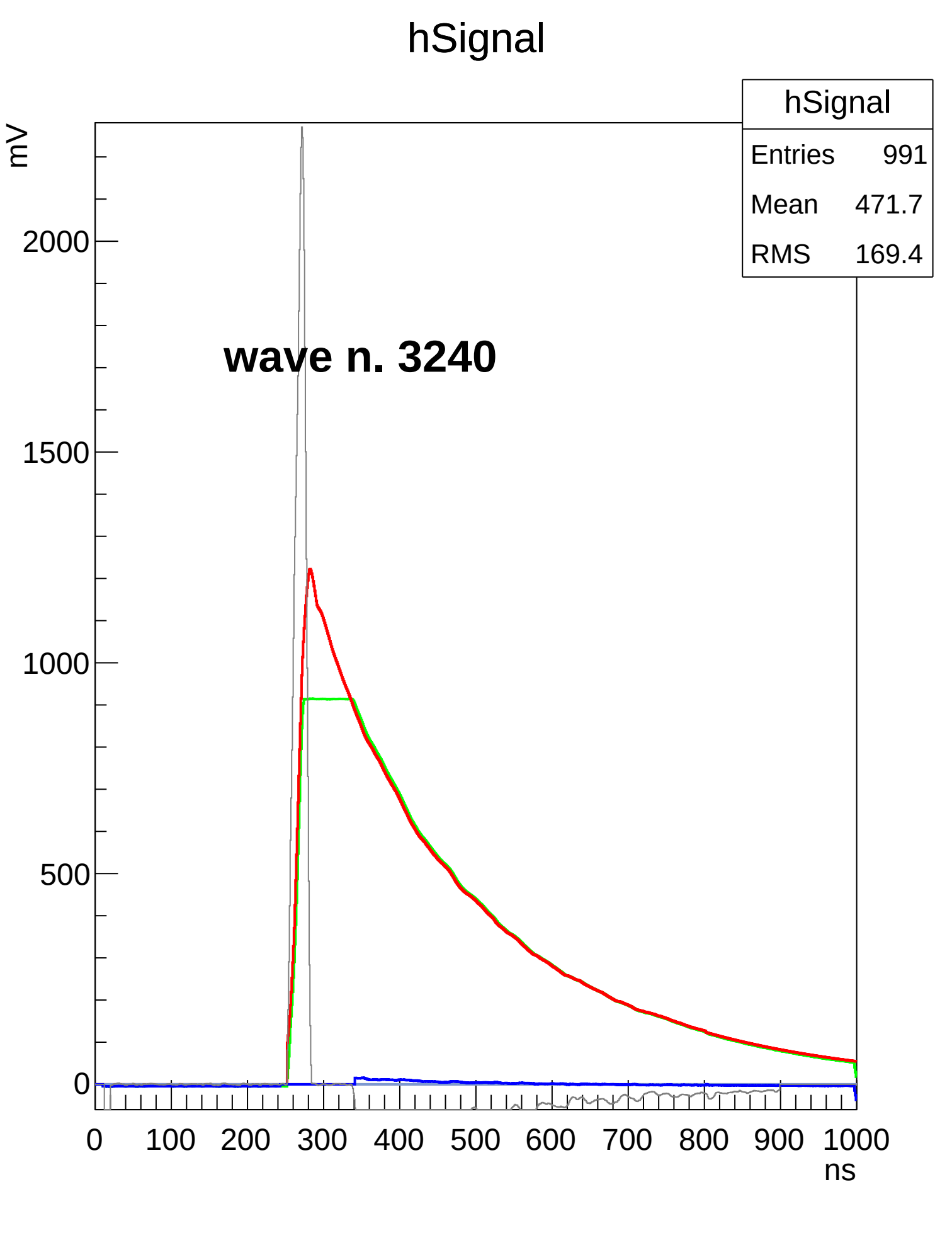
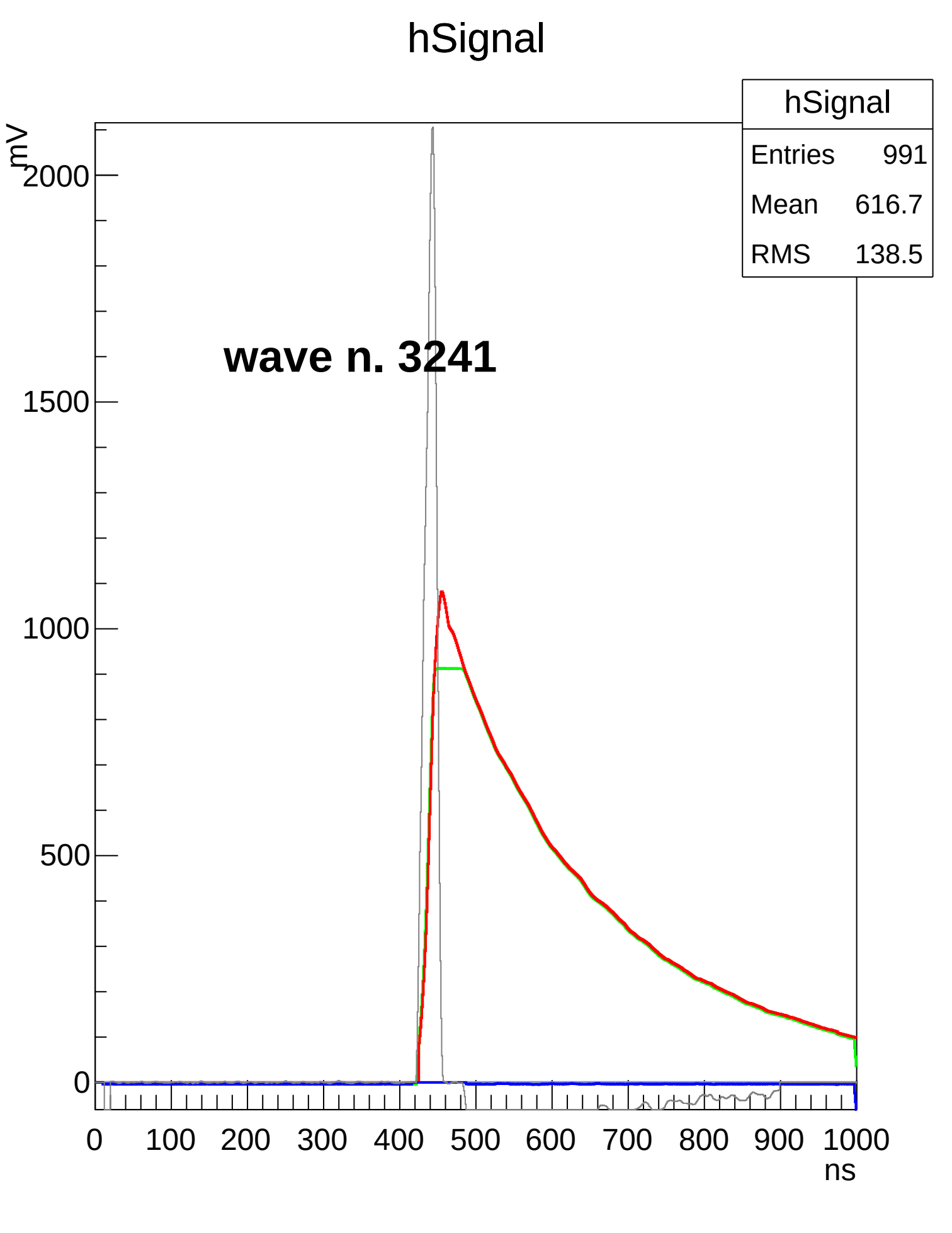
ns


hSignal
hSignal
Entries 991
Mean 471.7
RMS 169.4
wave n. 3240
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 616.7
RMS 138.5
wave n. 3241
mV
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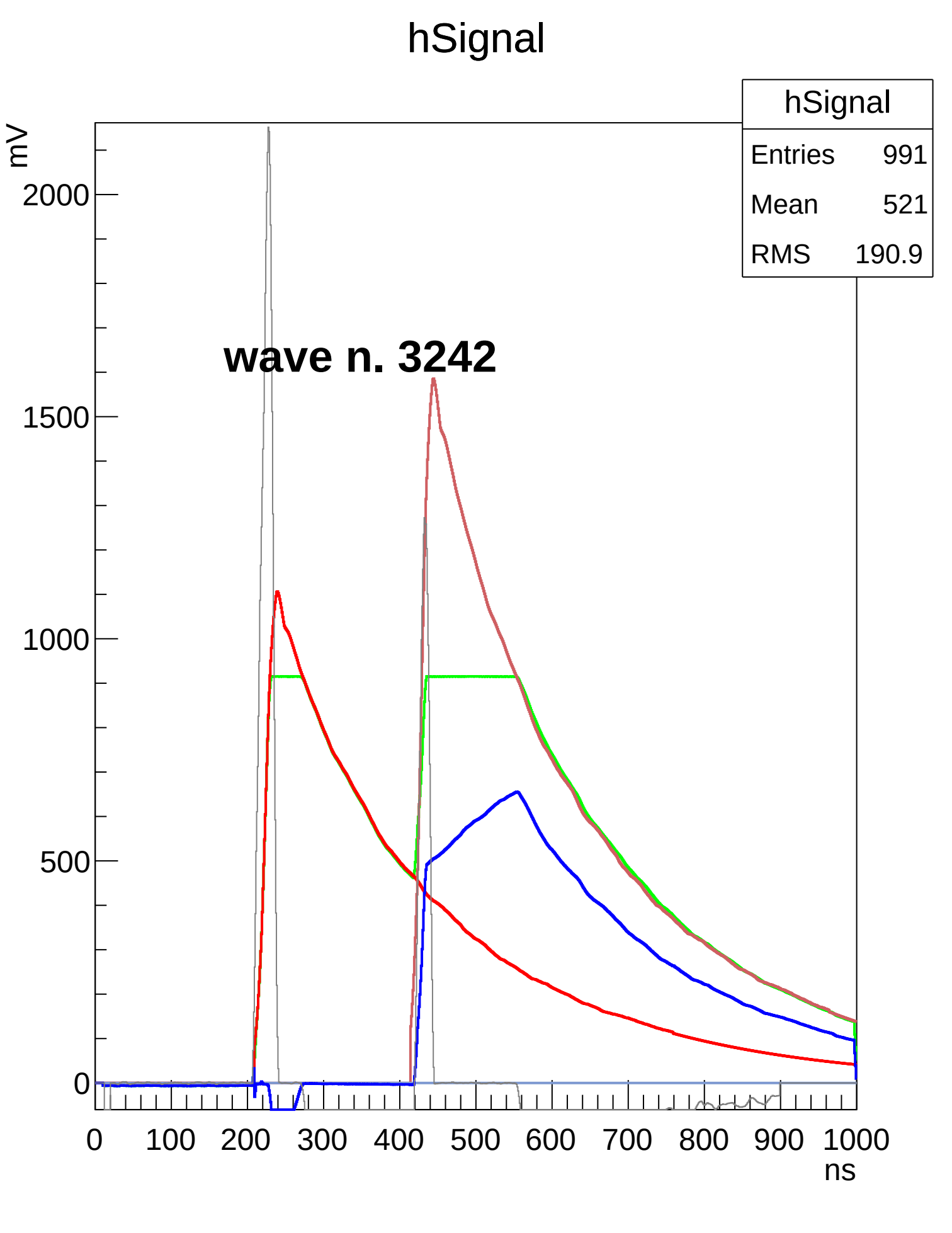
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
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Mean 521
RMS 190.9
wave n. 3242
mV
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500
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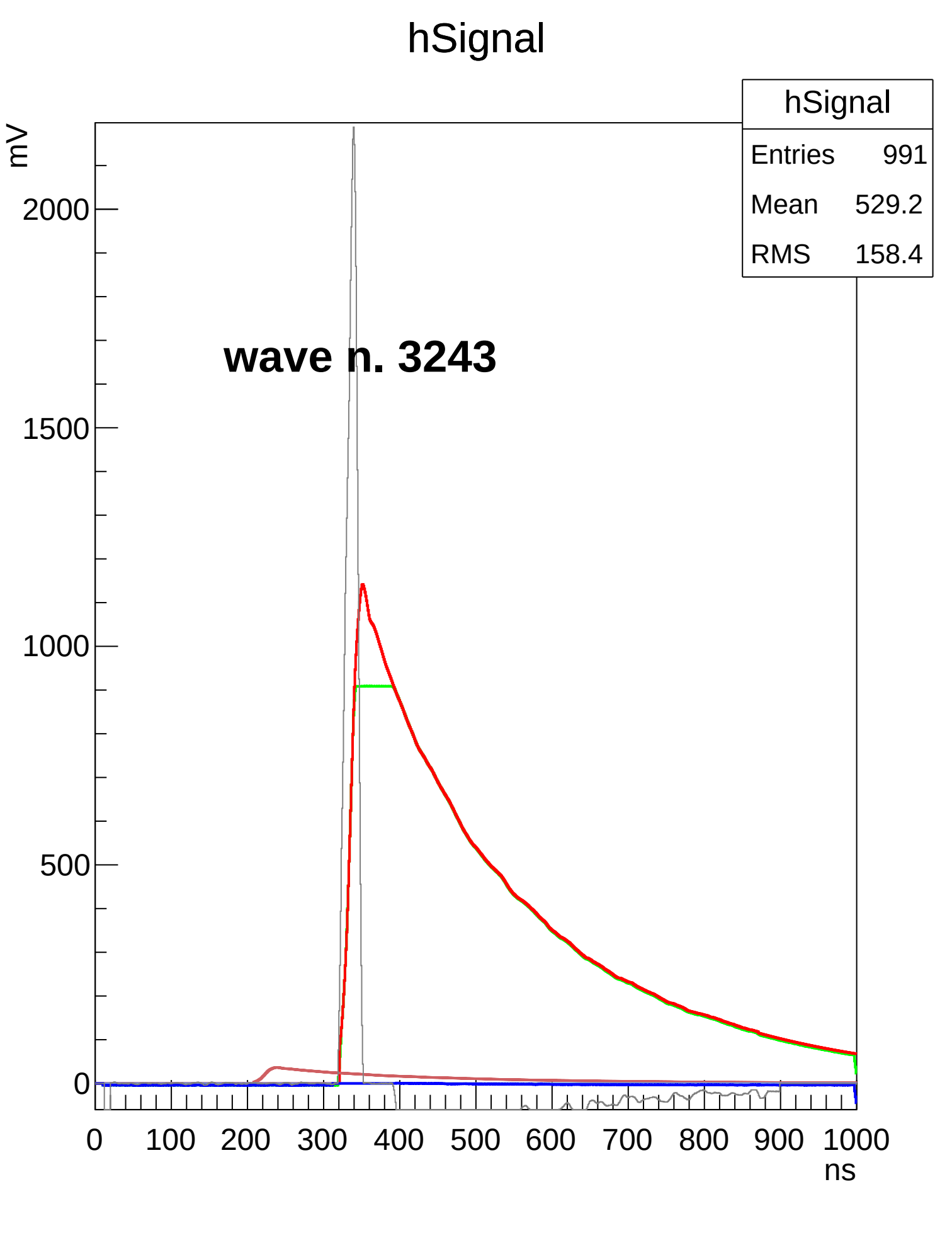
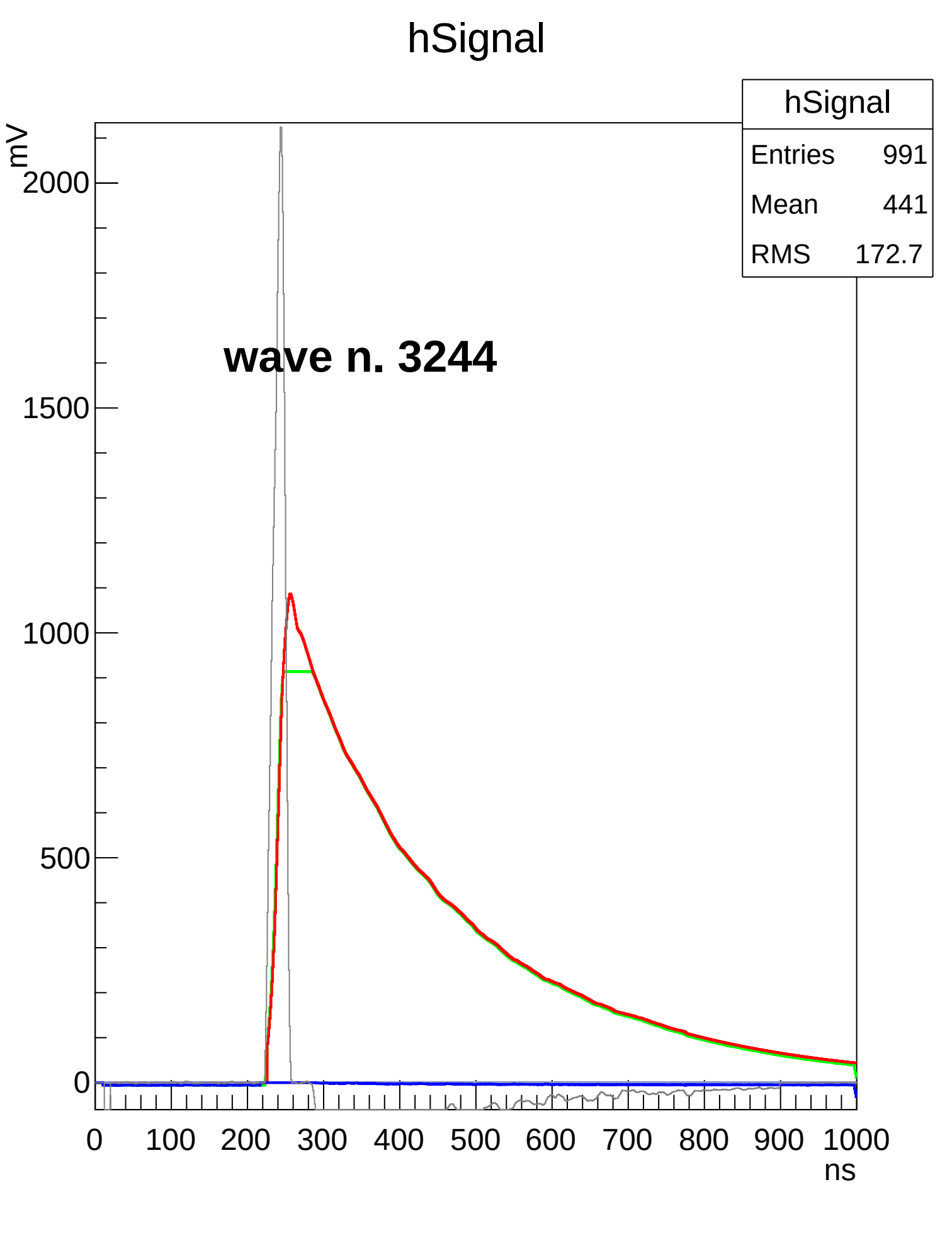
ns


hSignal
hSignal
Entries 991
Mean 529.2
RMS 158.4
wave n. 3243
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 441
RMS 172.7
wave n. 3244
mV
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1500
1000
500
0
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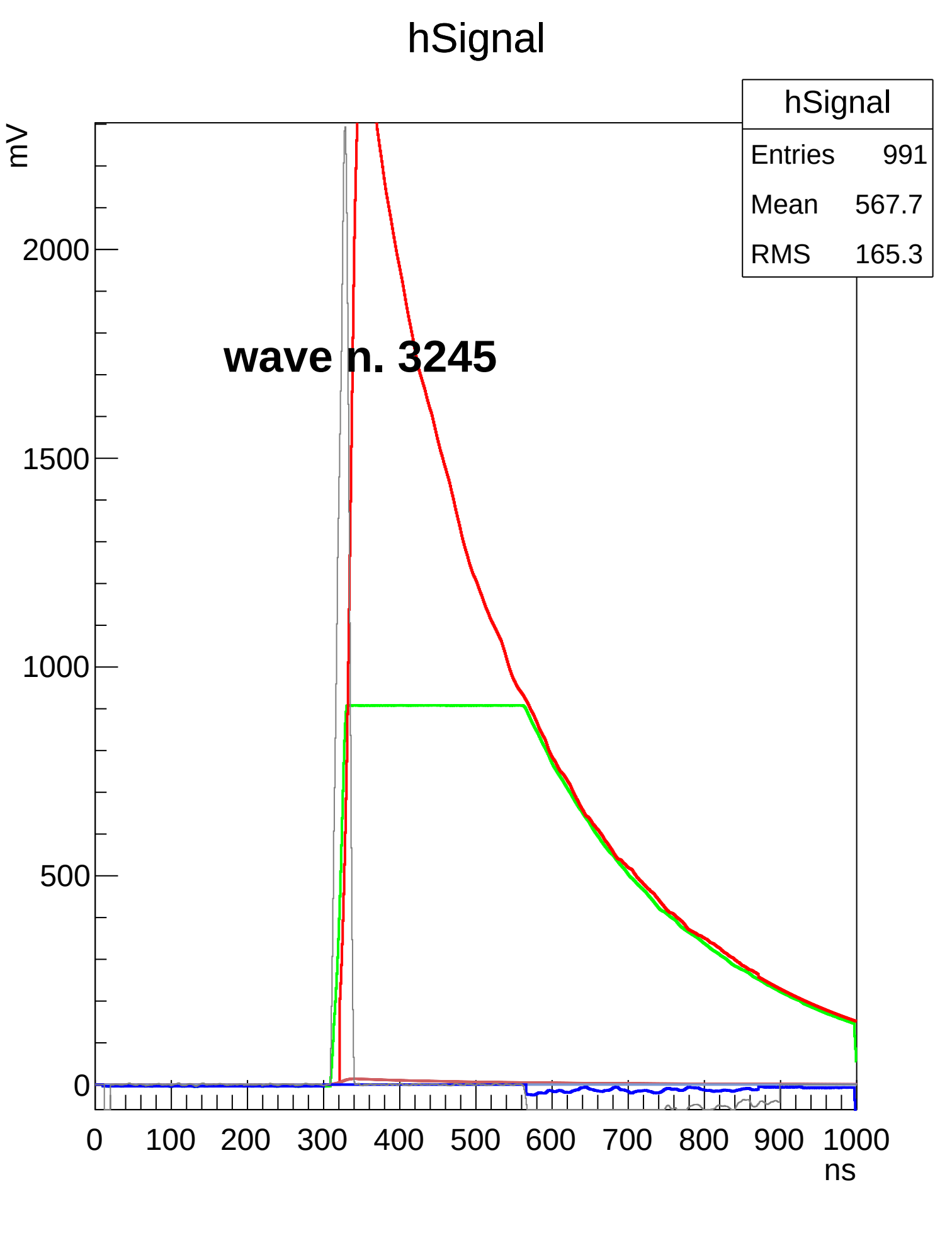
ns


hSignal
hSignal
Entries 991
Mean 567.7
RMS 165.3
wave n. 3245
mV
2000
1500
1000
500
0
0
100
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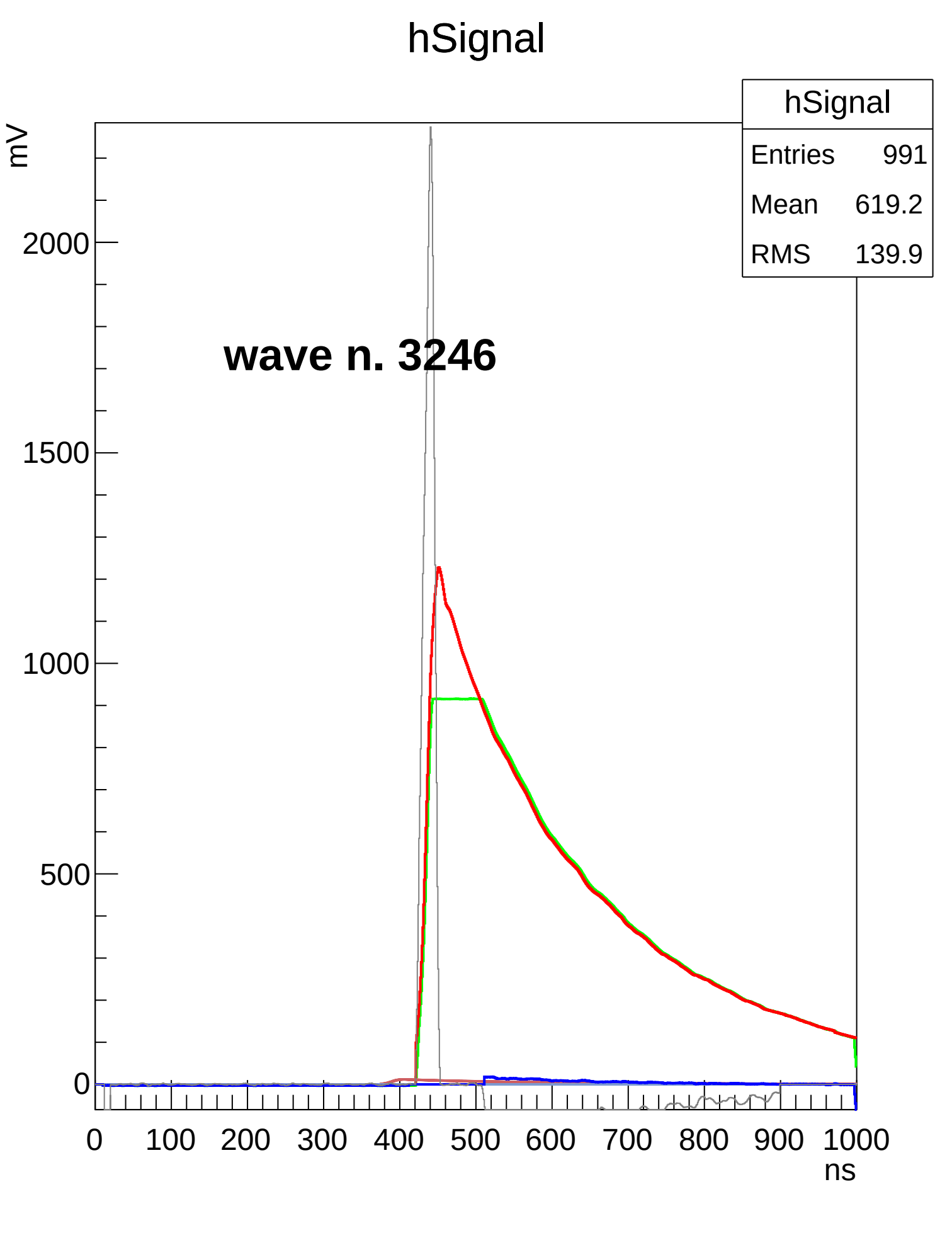
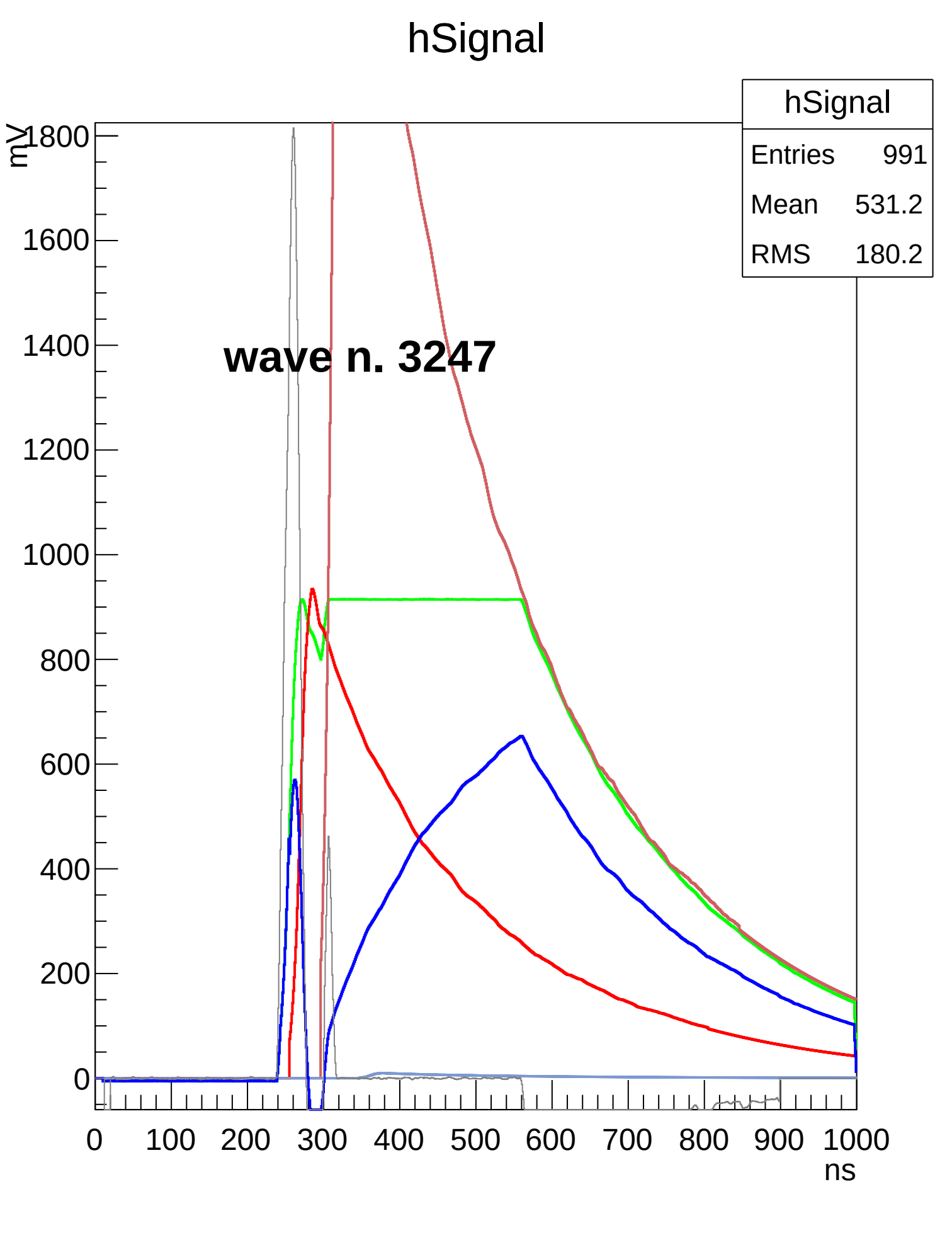
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 619.2
RMS 139.9
wave n. 3246
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 531.2
RMS 180.2
wave n. 3247
mV
1800
1600
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600
400
200
0
0
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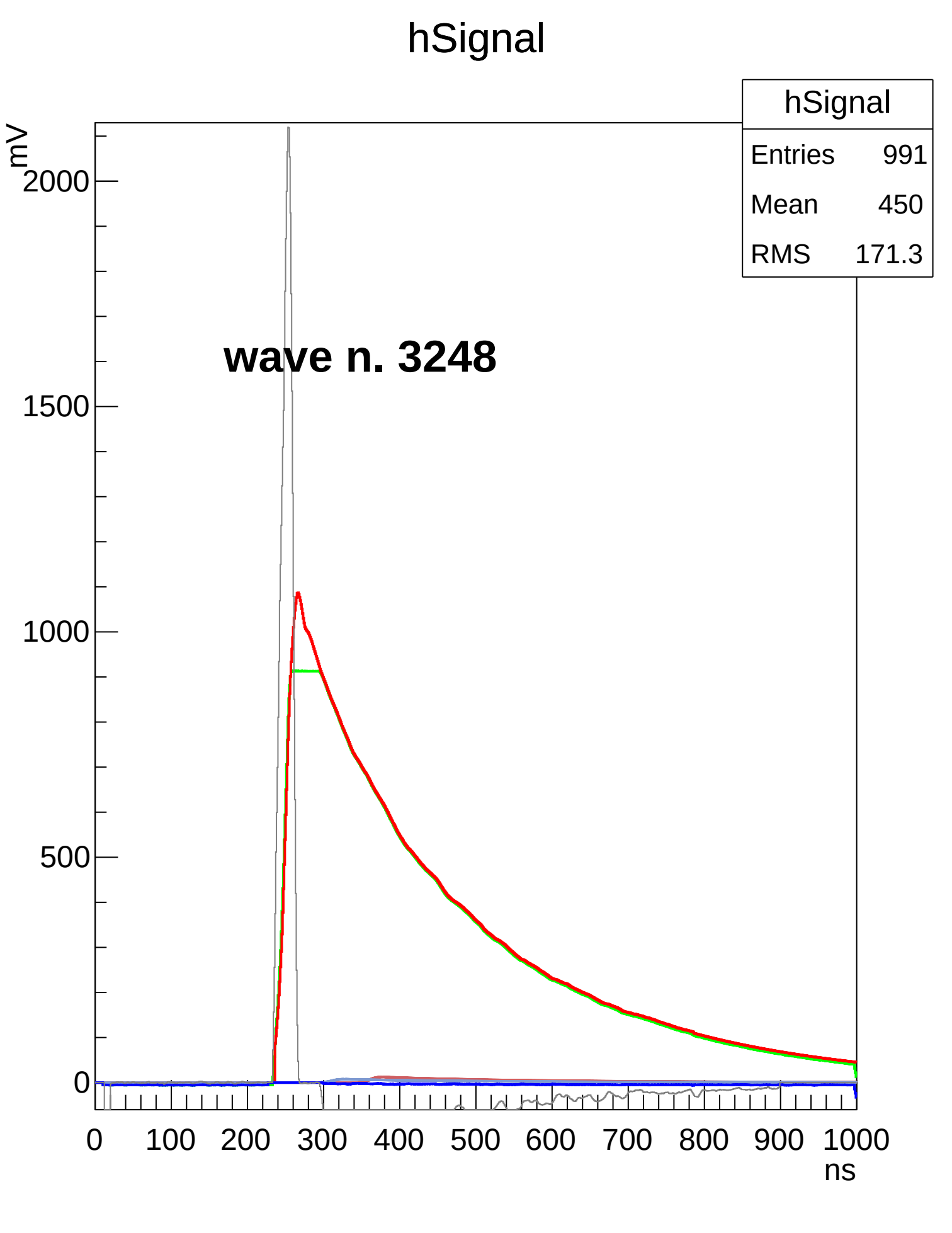
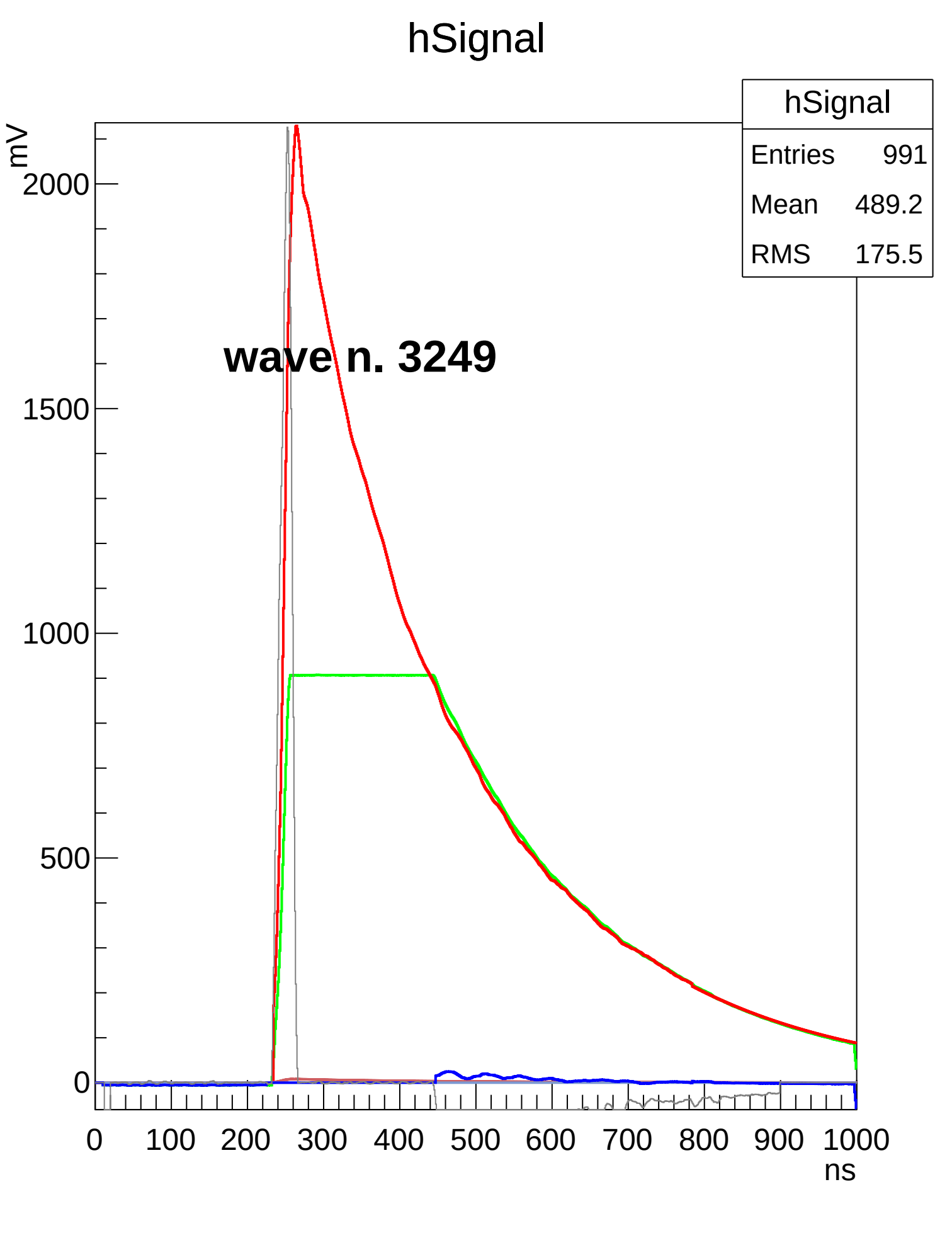
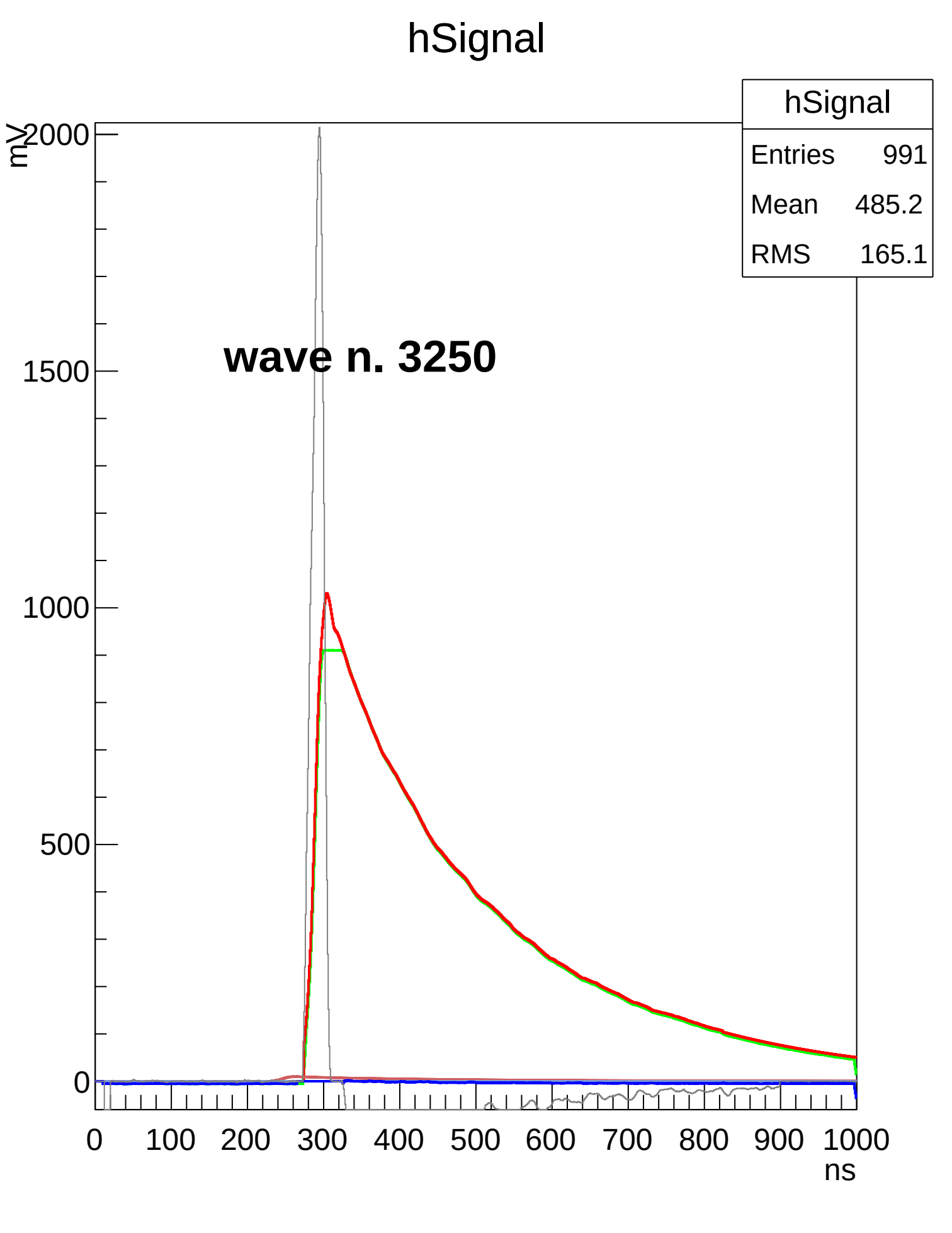
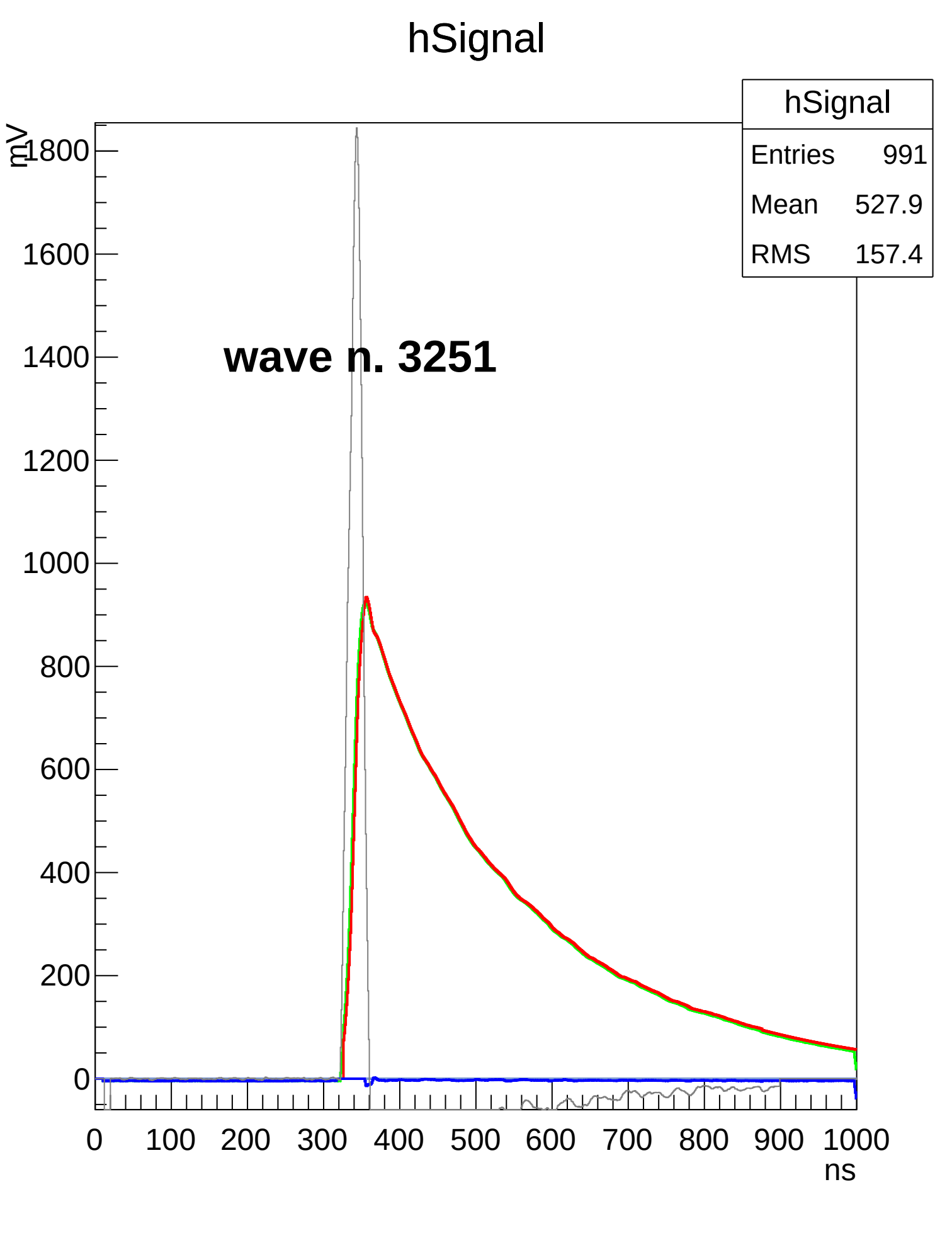
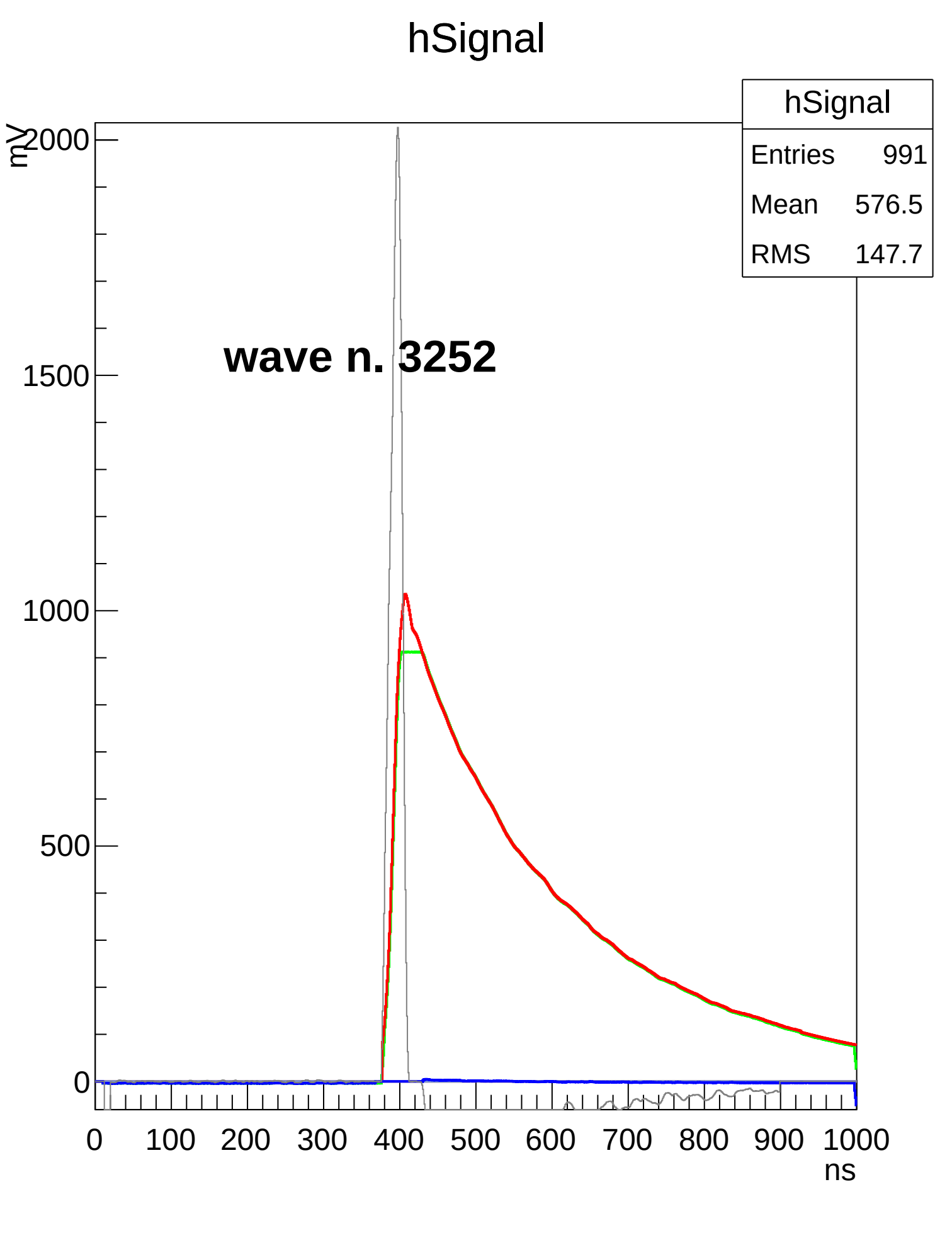
400
500
600
700
800
900
1000
ns

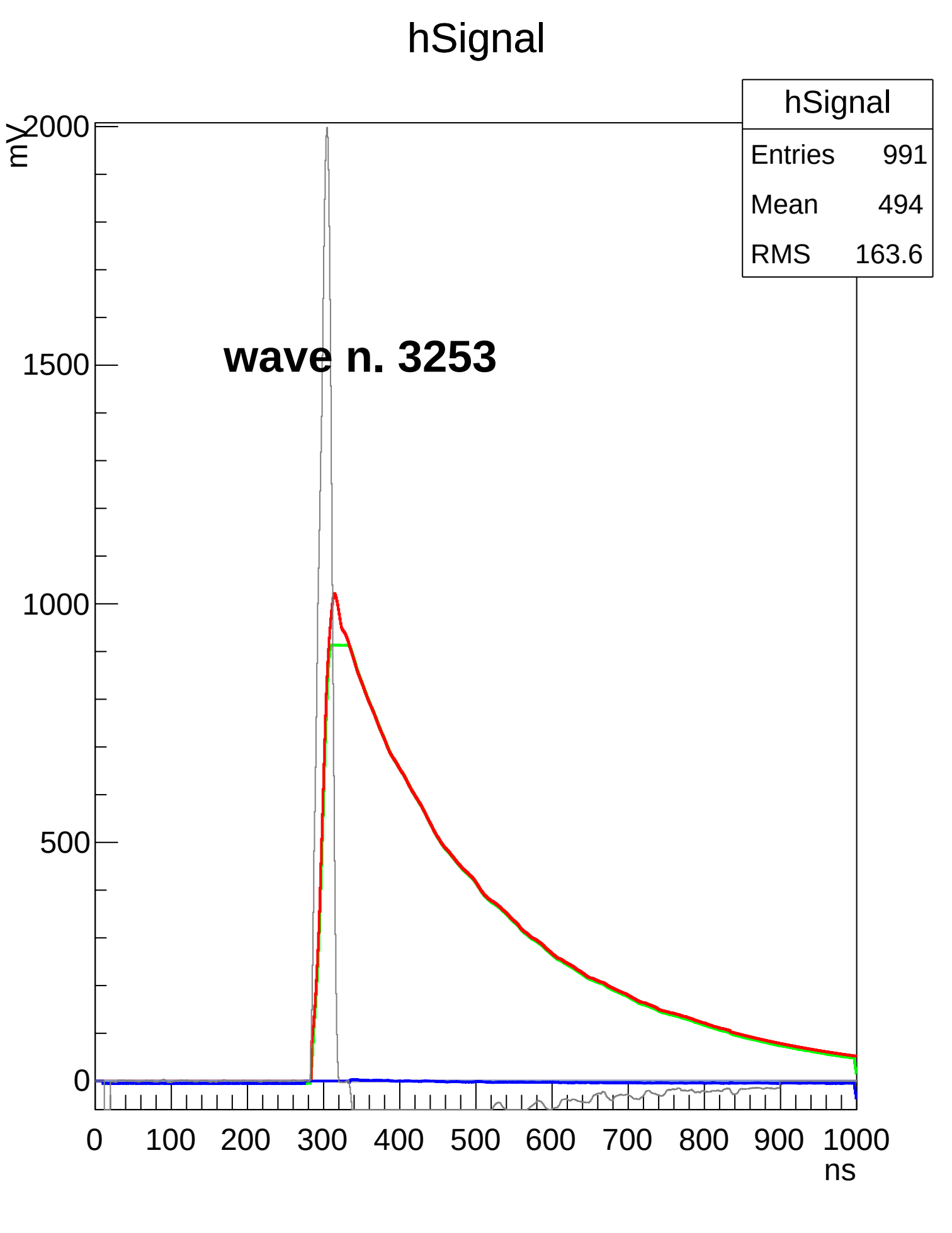

hSignal
hSignal
Entries 991
Mean 450
RMS 171.3
wave n. 3248
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

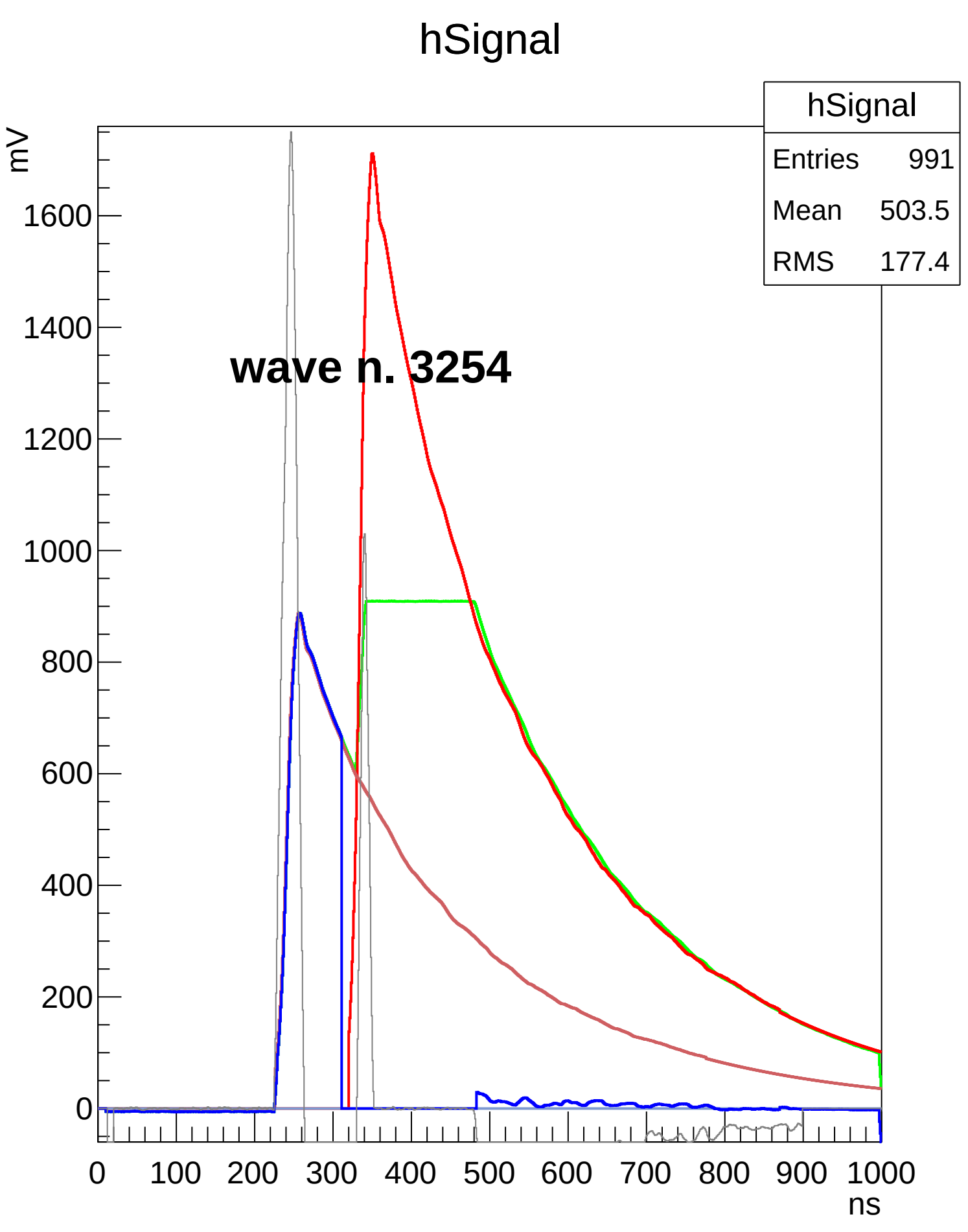

hSignal
hSignal
Entries 991
Mean 489.2
RMS 175.5
wave n. 3249
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

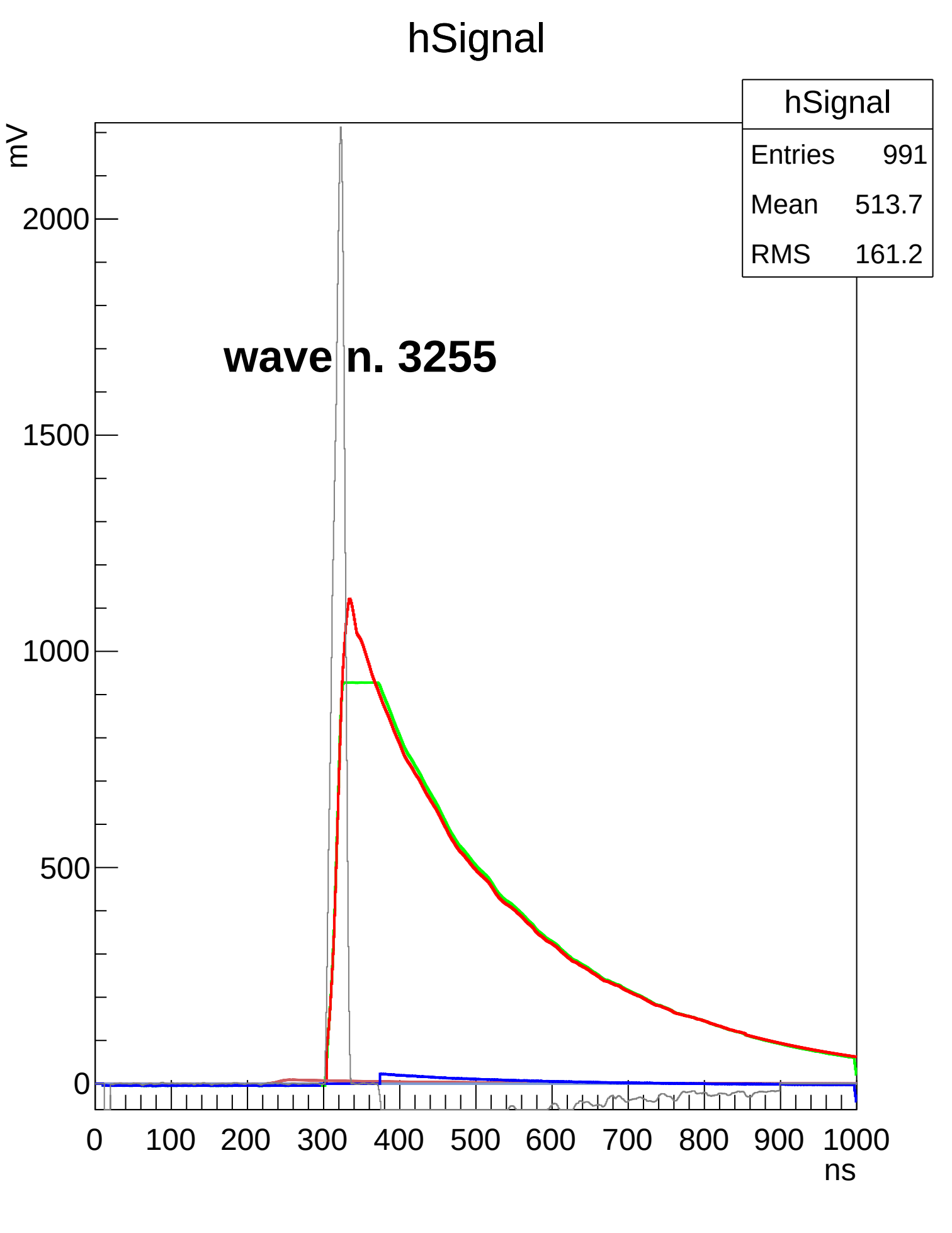

hSignal
hSignal
Entries 991
Mean 485.2
RMS 165.1
wave n. 3250
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

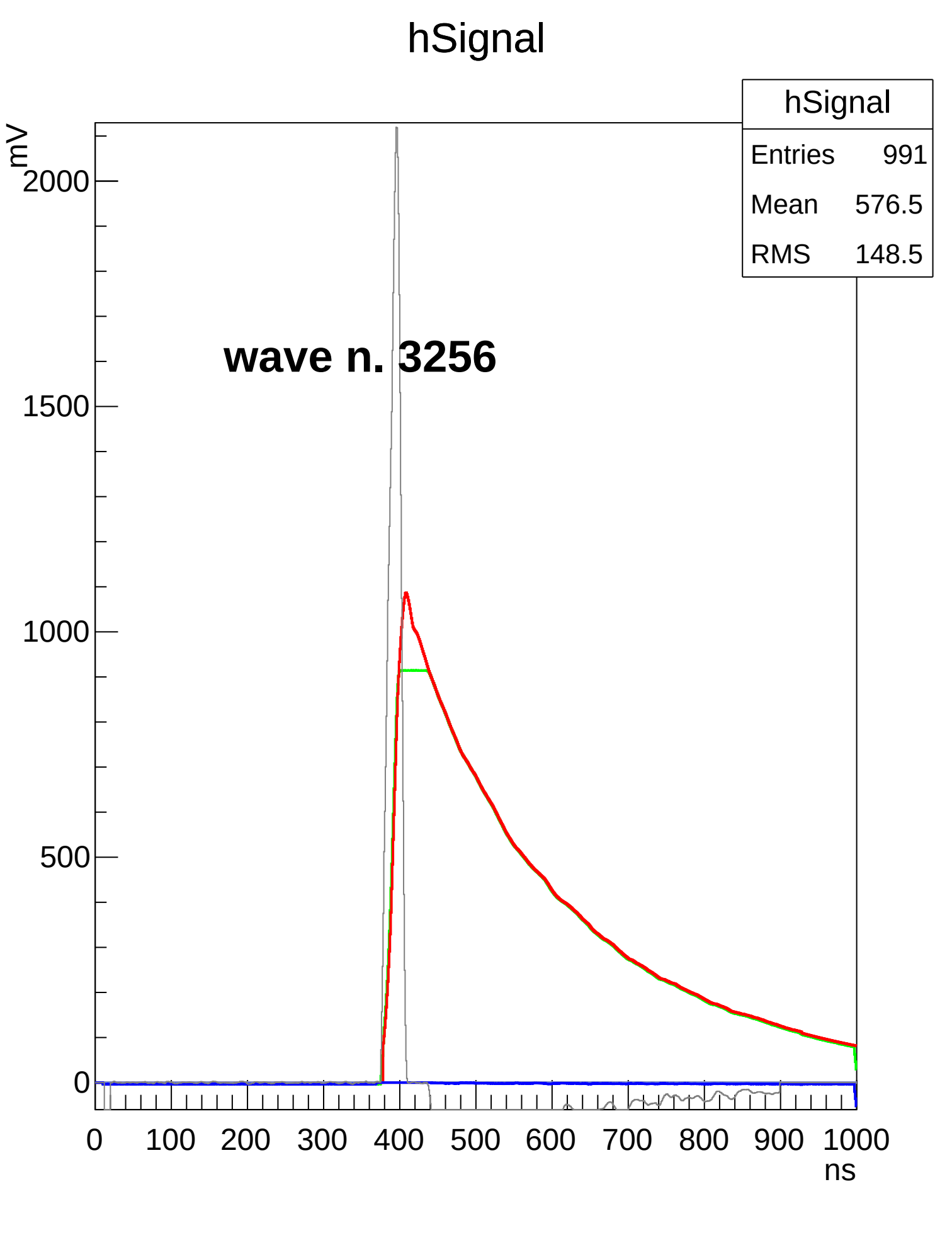

hSignal
hSignal
Entries 991
Mean 527.9
RMS 157.4
wave n. 3251
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576.5
RMS 147.7
wave n. 3252
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 494
RMS 163.6
wave n. 3253
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.5
RMS 177.4
wave n. 3254
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 513.7
RMS 161.2
wave n. 3255
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 576.5
RMS 148.5
wave n. 3256
mV
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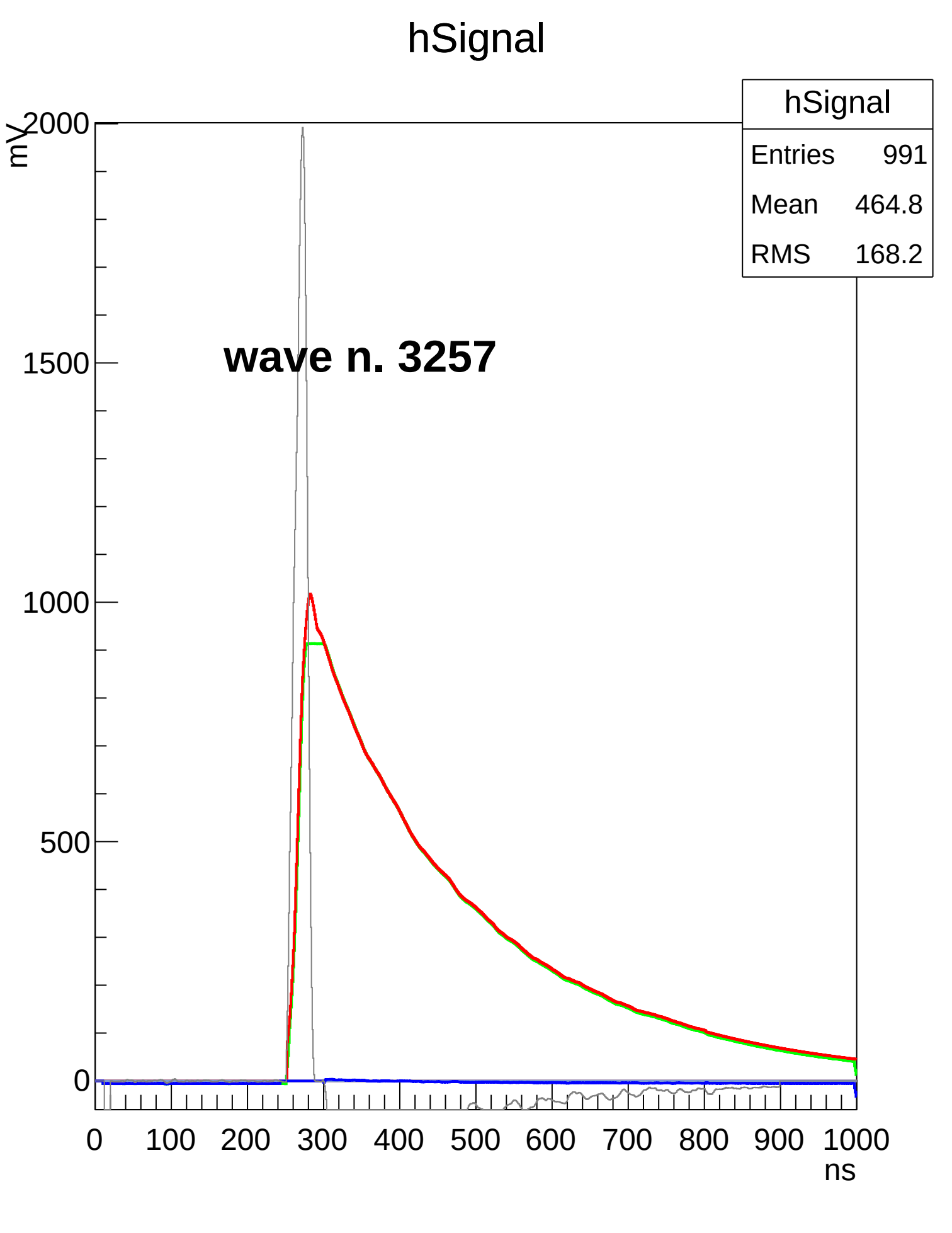
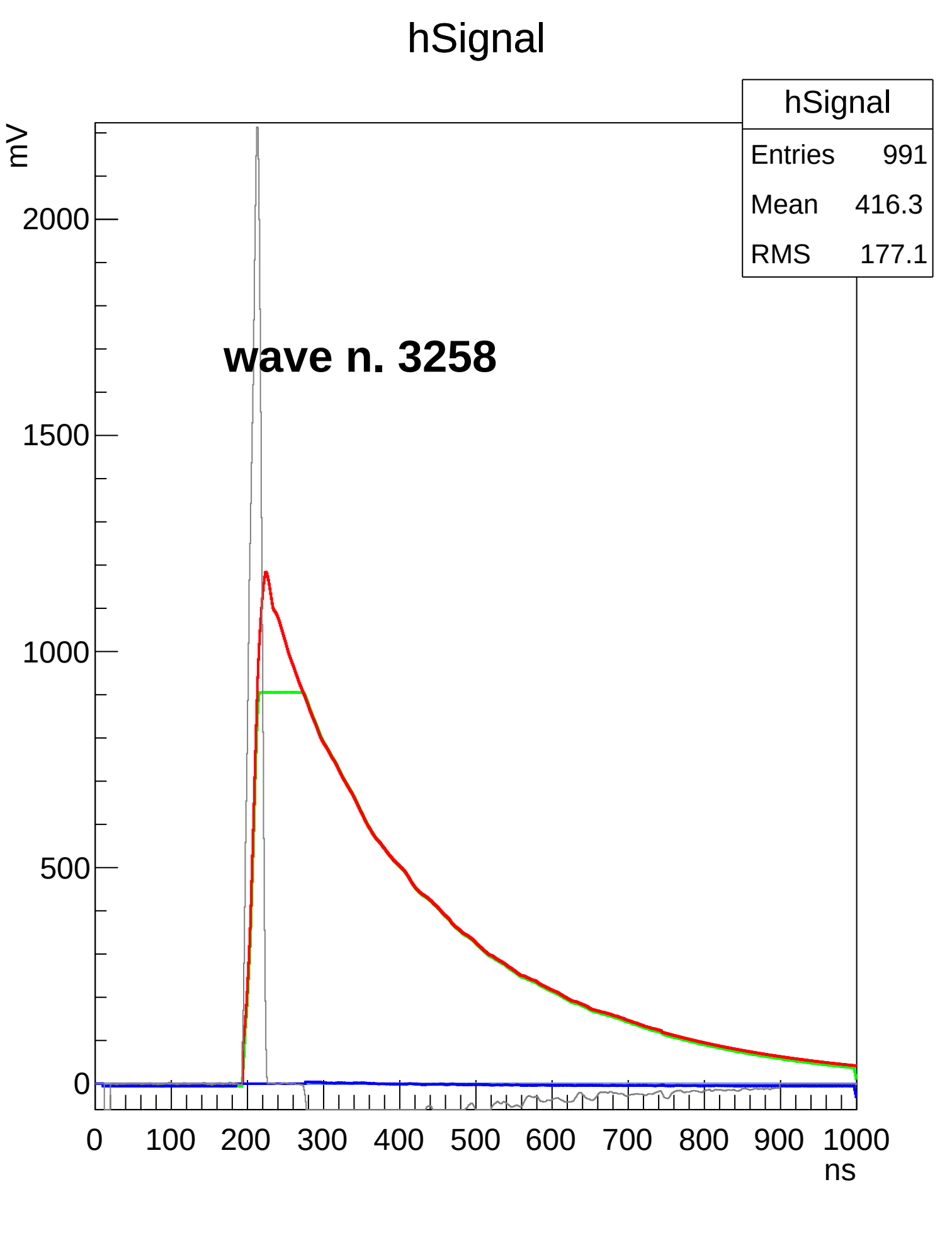
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 464.8
RMS 168.2
wave n. 3257
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 416.3
RMS 177.1
wave n. 3258
mV
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1500
1000
500
0
0
100
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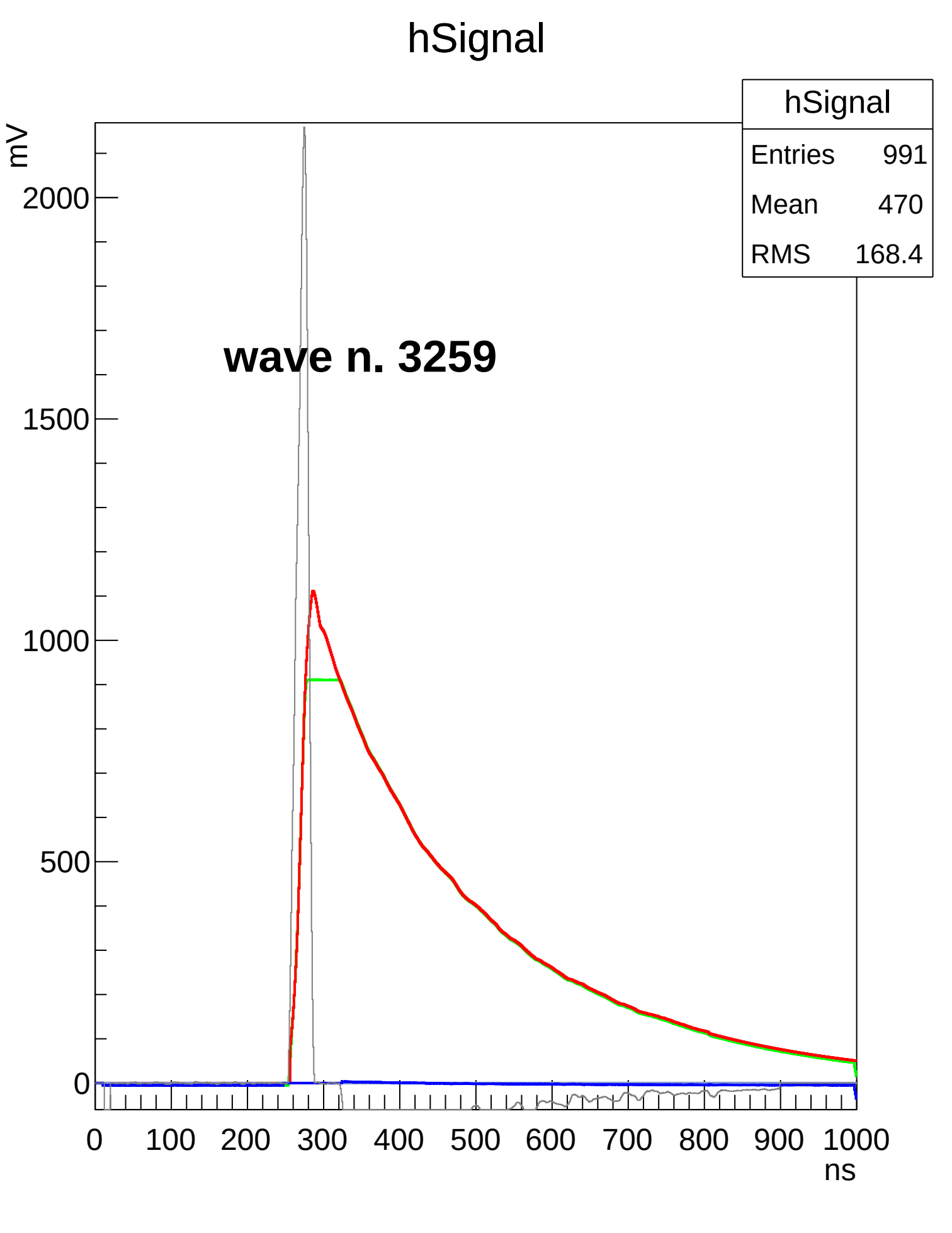
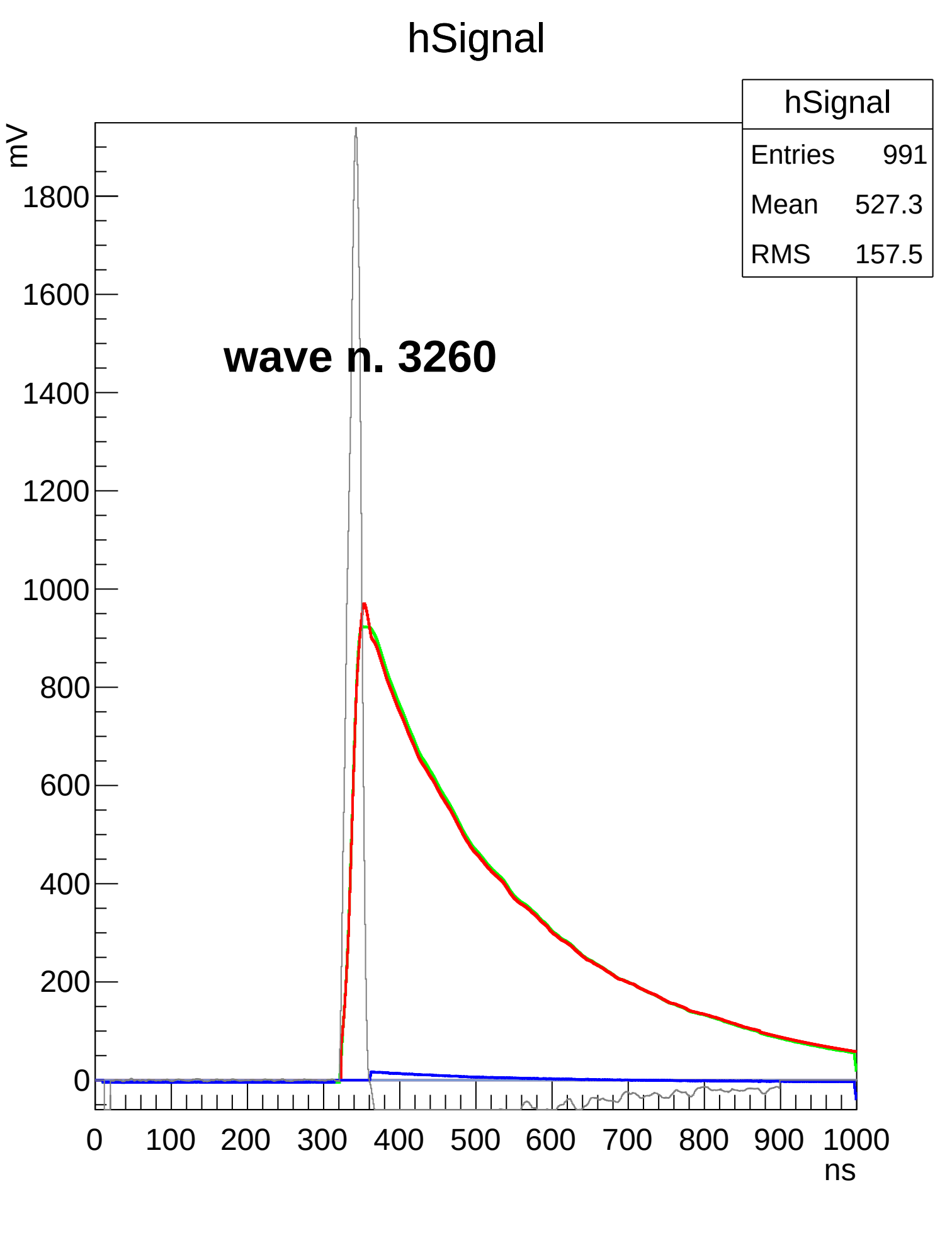
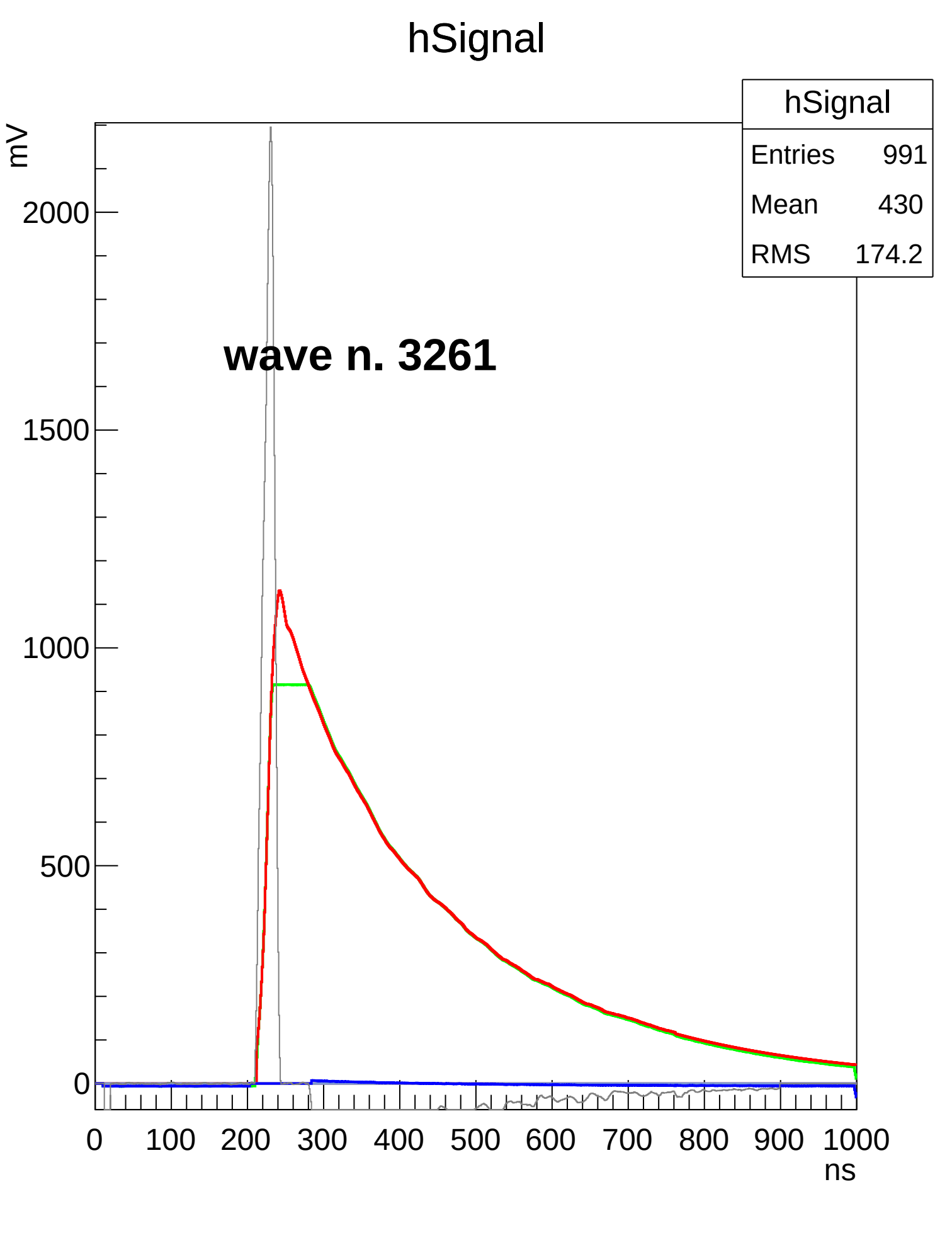
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 470
RMS 168.4
wave n. 3259
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 527.3
RMS 157.5
wave n. 3260
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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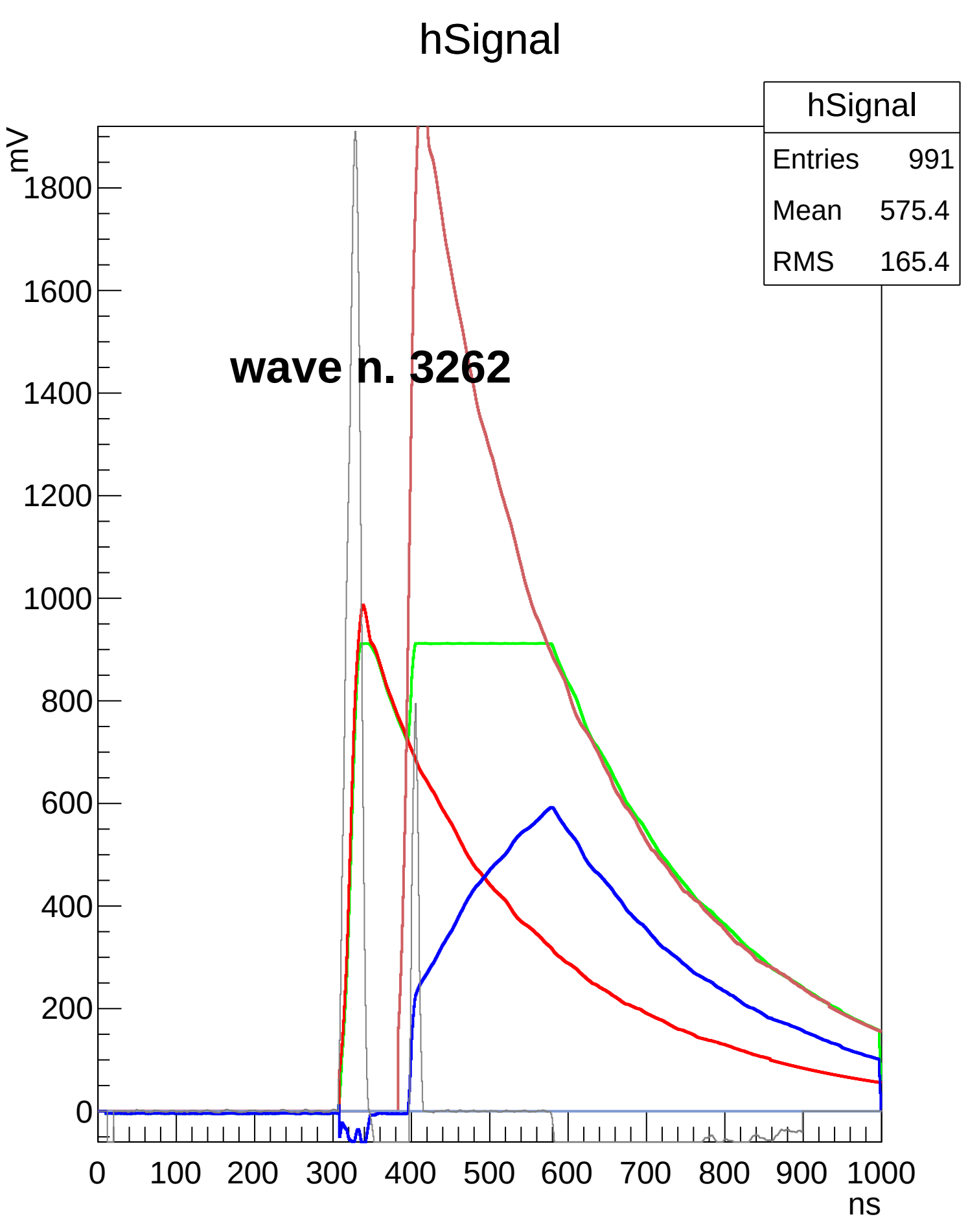
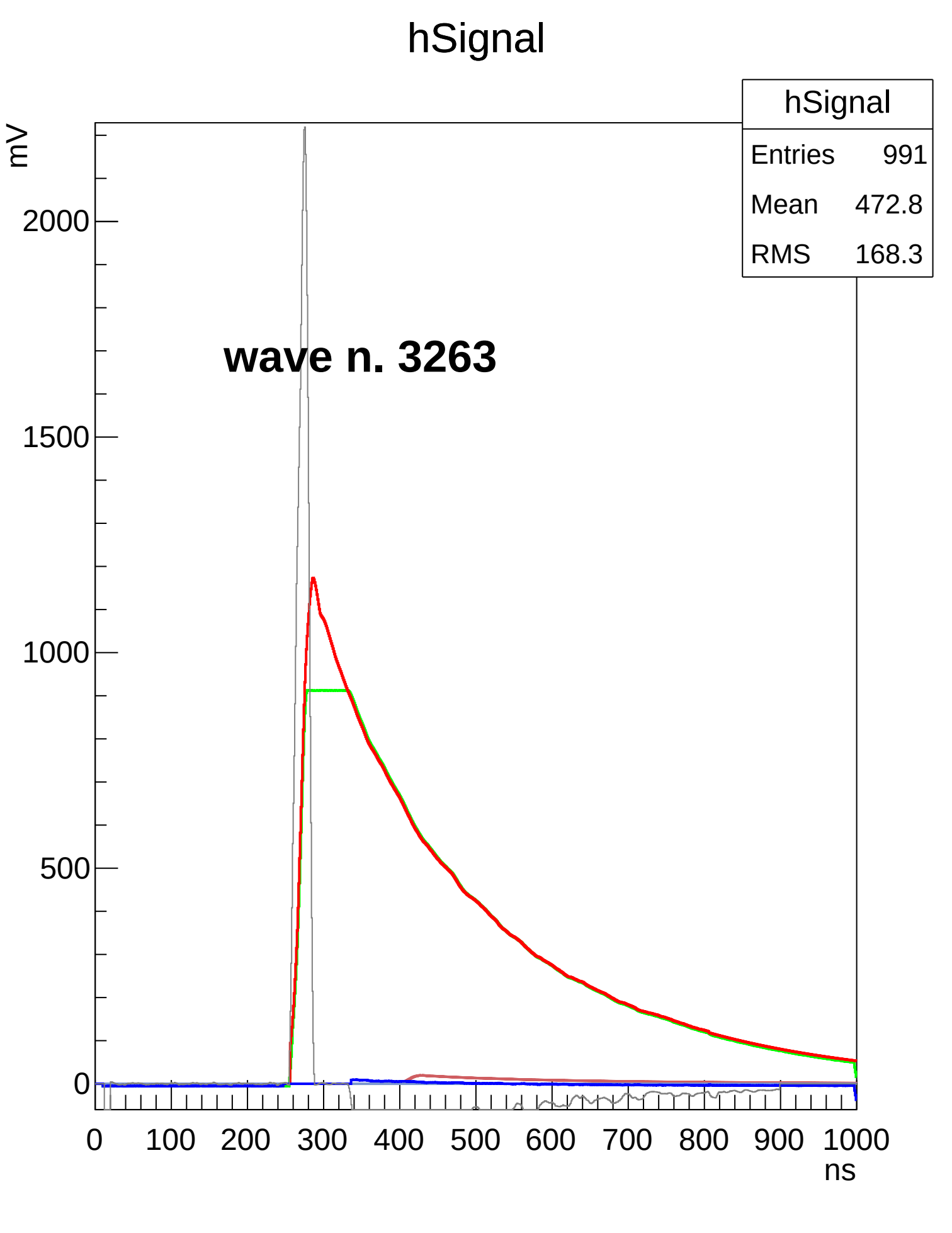
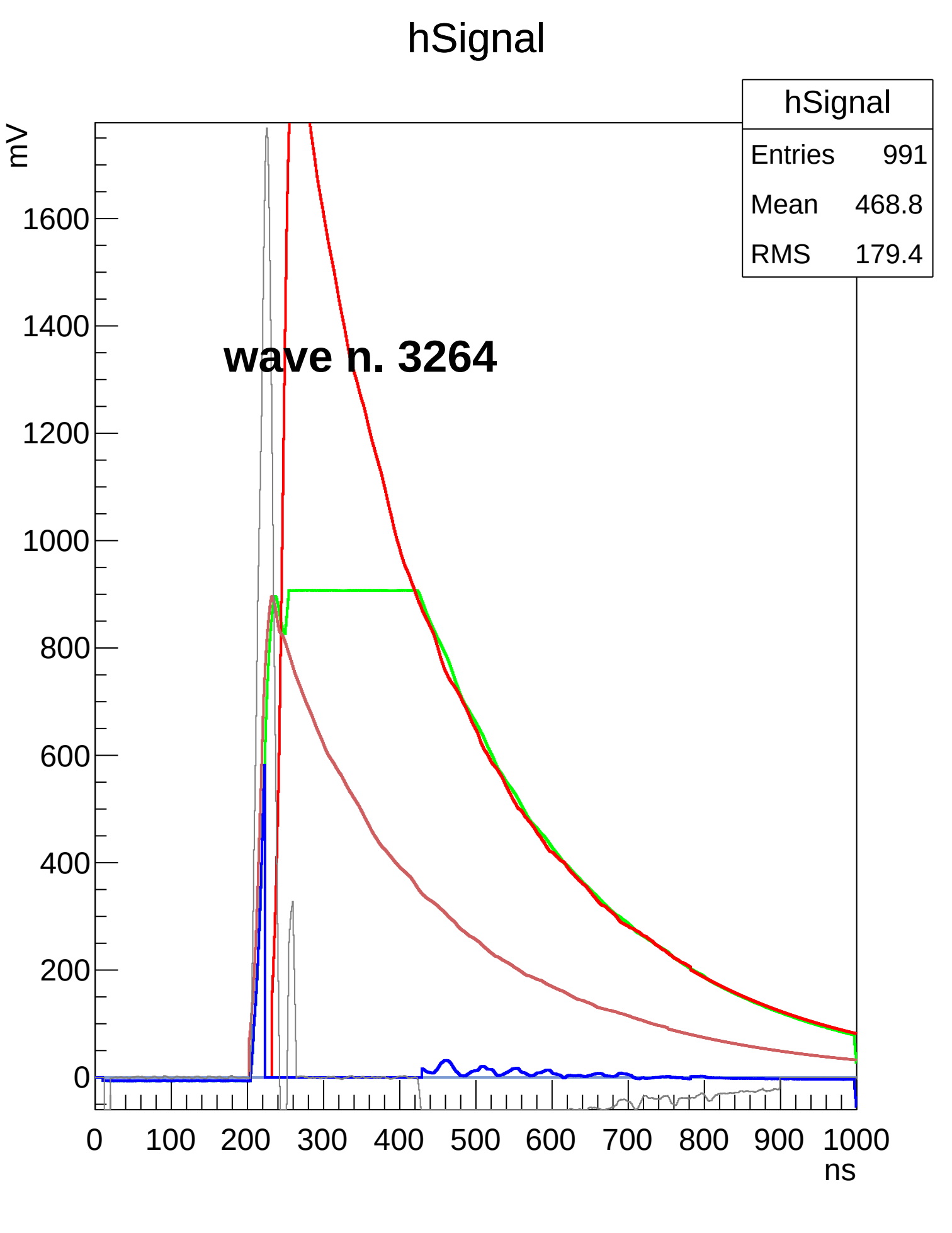
hSignal
Entries 991
Mean 430
RMS 174.2
wave n. 3261
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 575.4
RMS 165.4
wave n. 3262
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 472.8
RMS 168.3
wave n. 3263
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 468.8
RMS 179.4
wave n. 3264
mV
1600
1400
1200
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600
400
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0
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200
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400
500
600
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800
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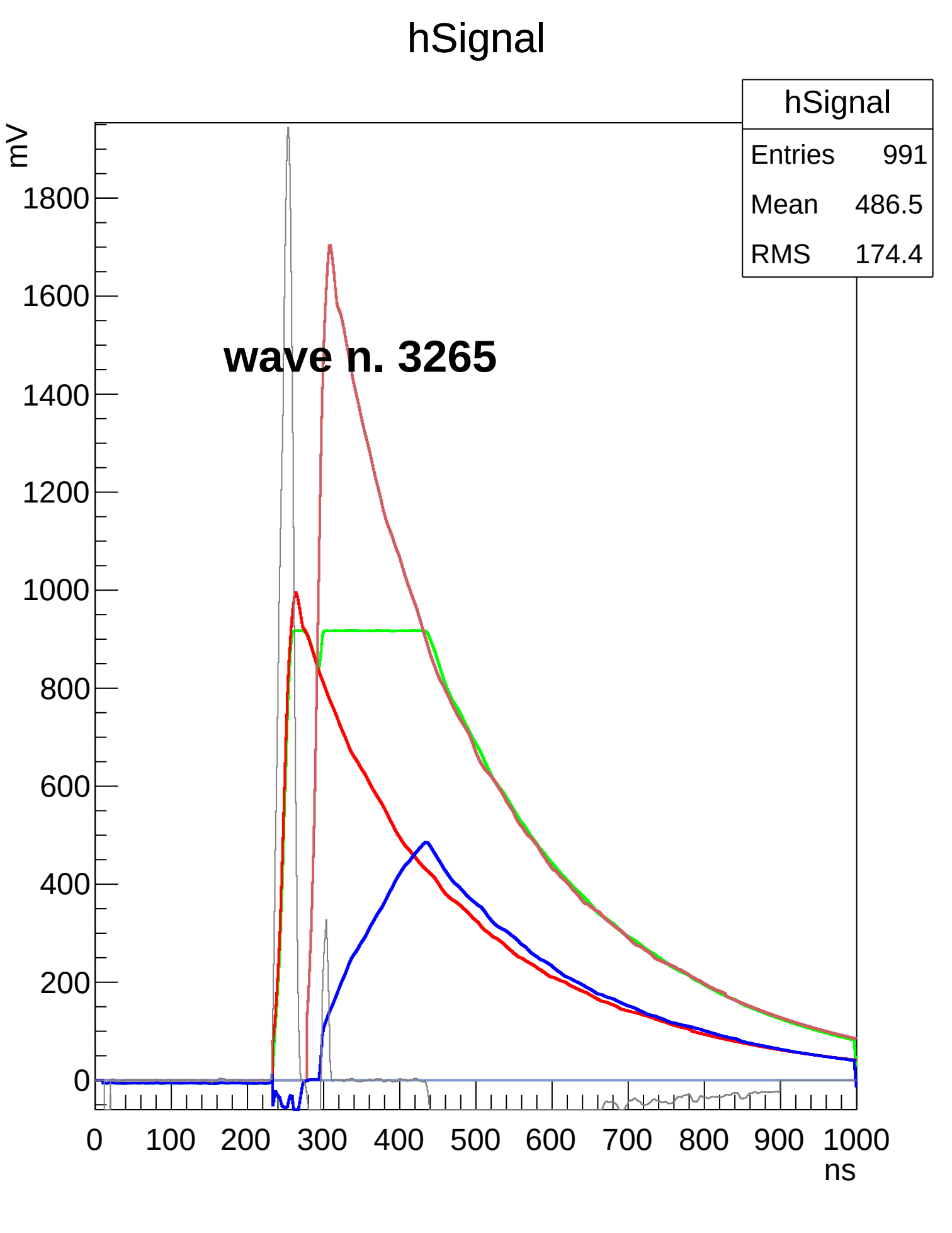
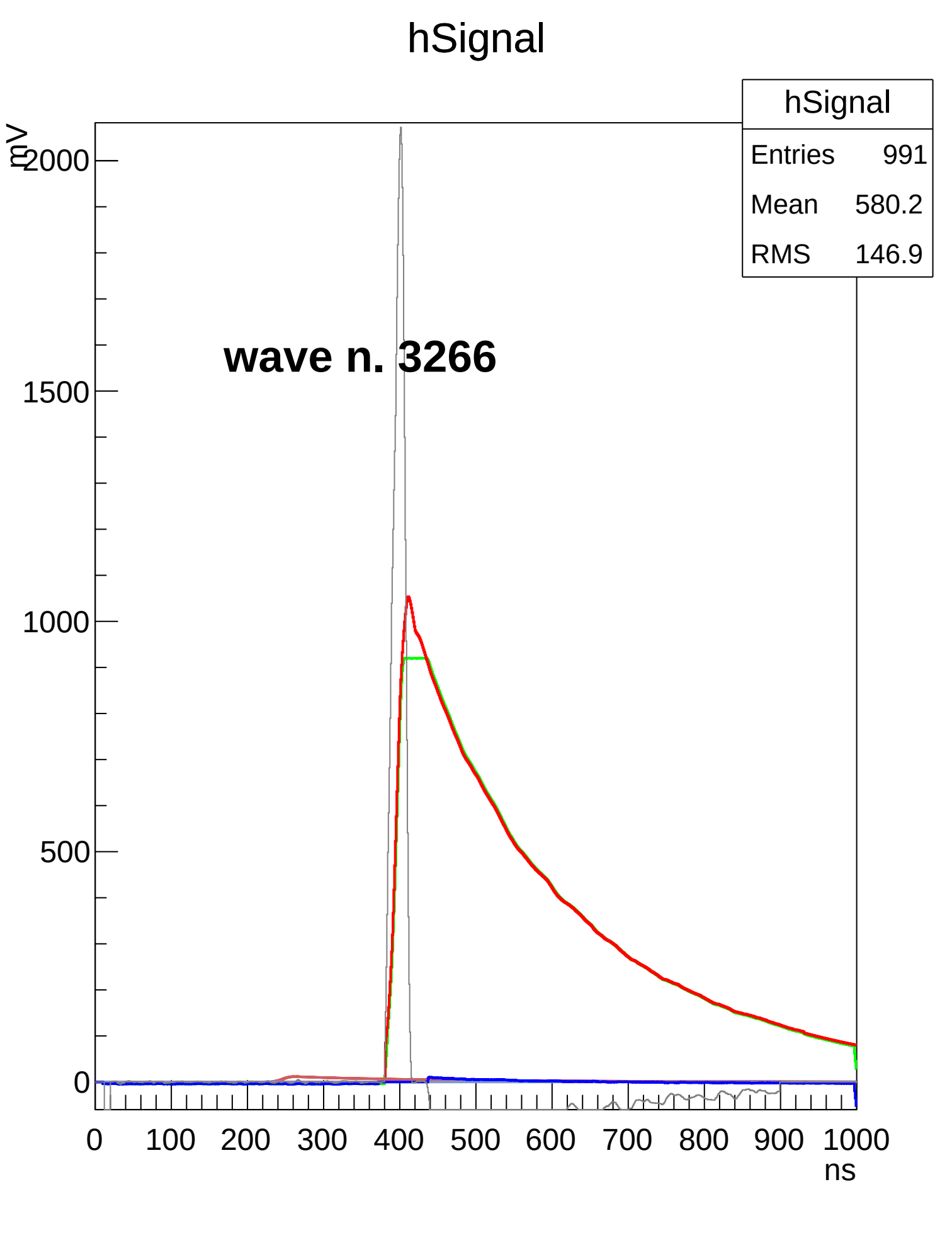
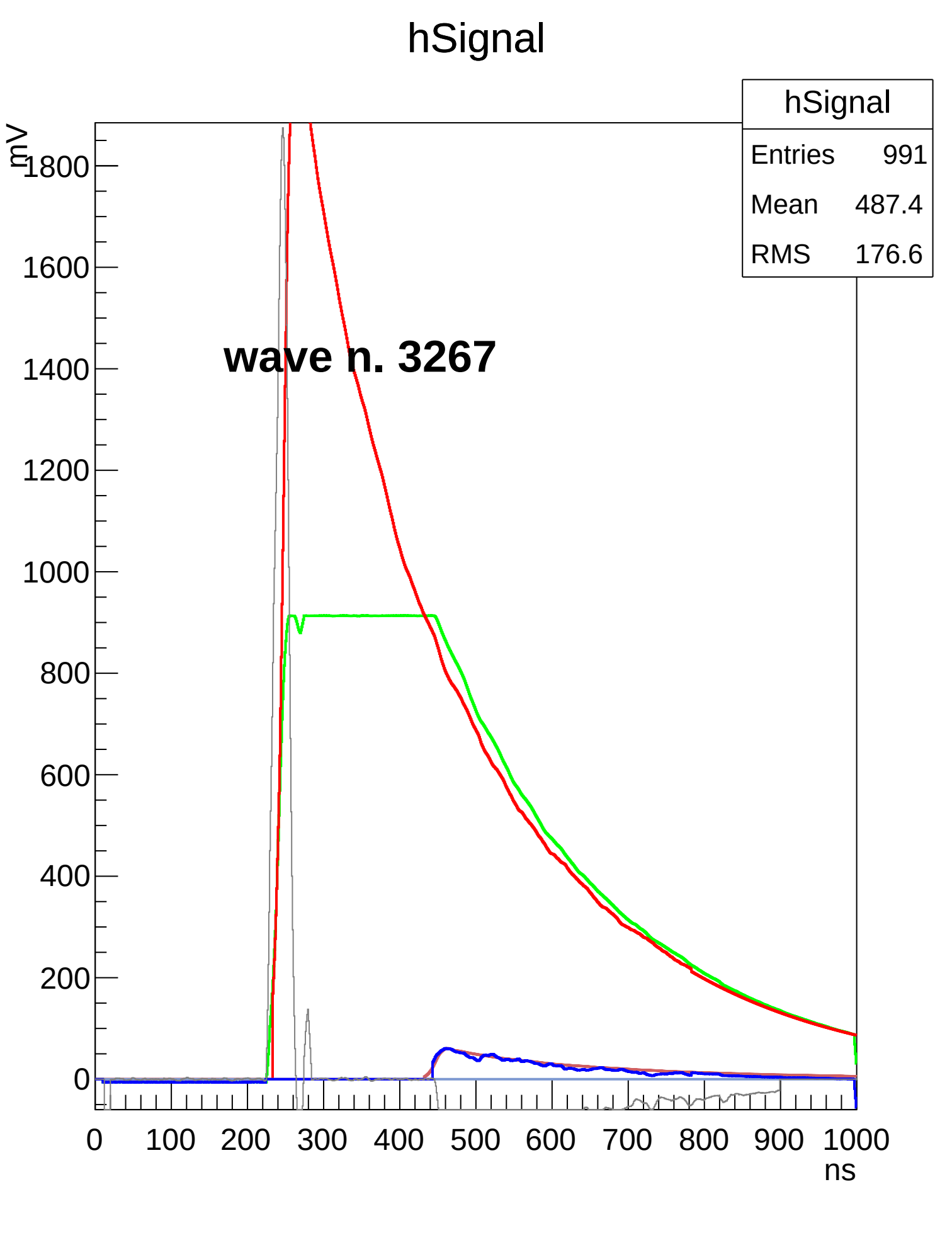
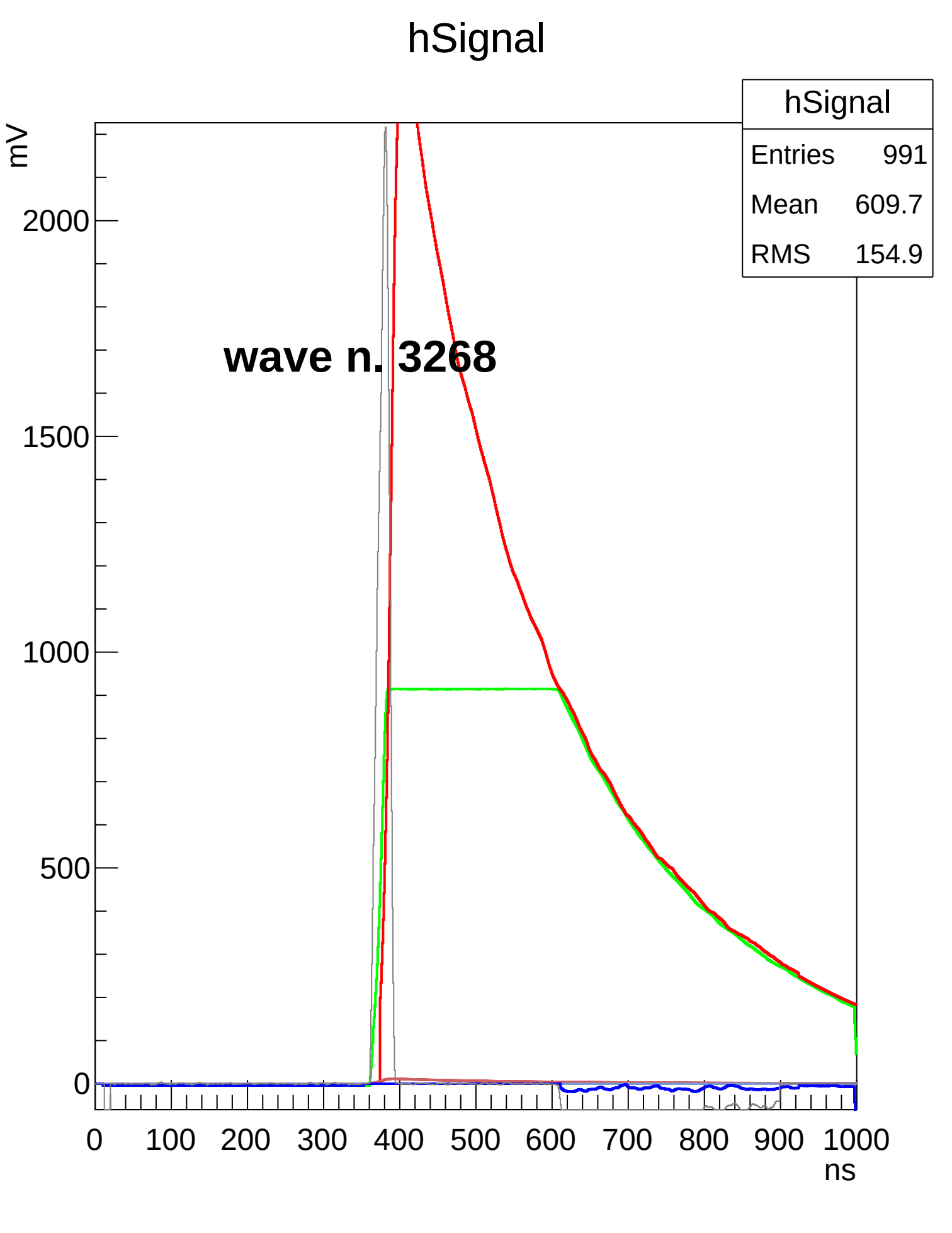
1000
ns


hSignal
hSignal
Entries 991
Mean 486.5
RMS 174.4
wave n. 3265
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 580.2
RMS 146.9
wave n. 3266
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 487.4
RMS 176.6
wave n. 3267
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 609.7
RMS 154.9
wave n. 3268
mV
2000
1500
1000
500
0
0
100
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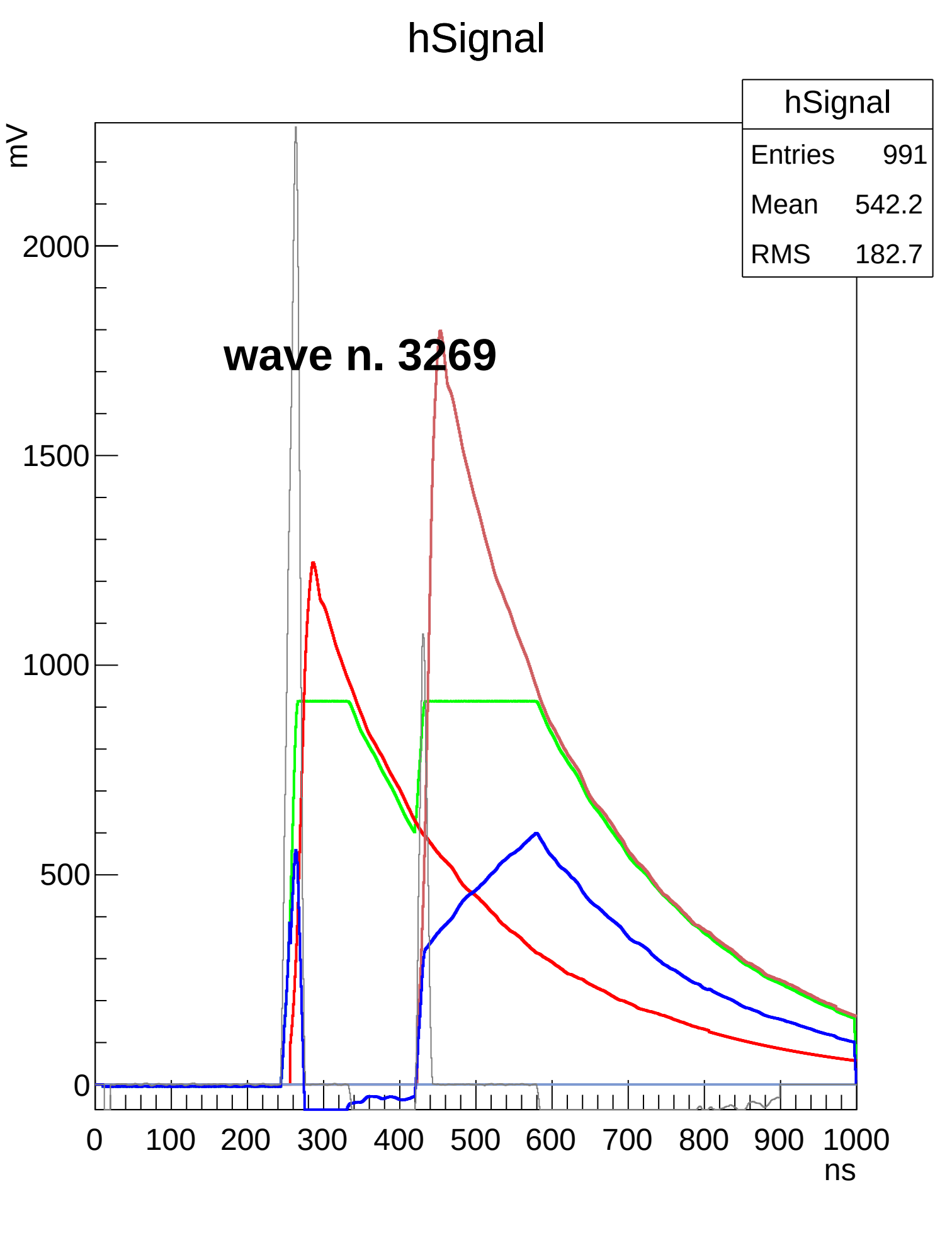
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.2
RMS 182.7
wave n. 3269
mV
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1500
1000
500
0
0
100
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400
500
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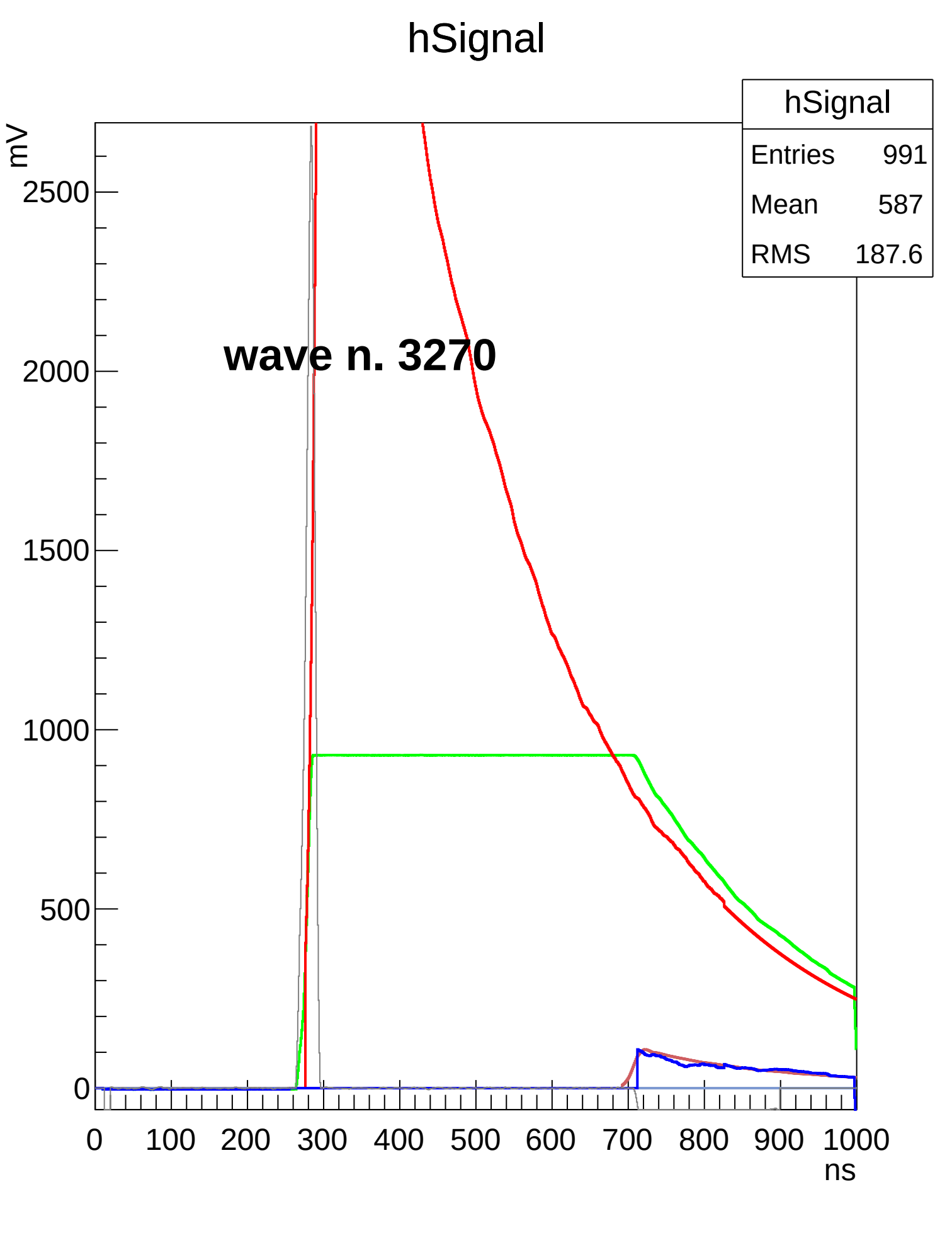
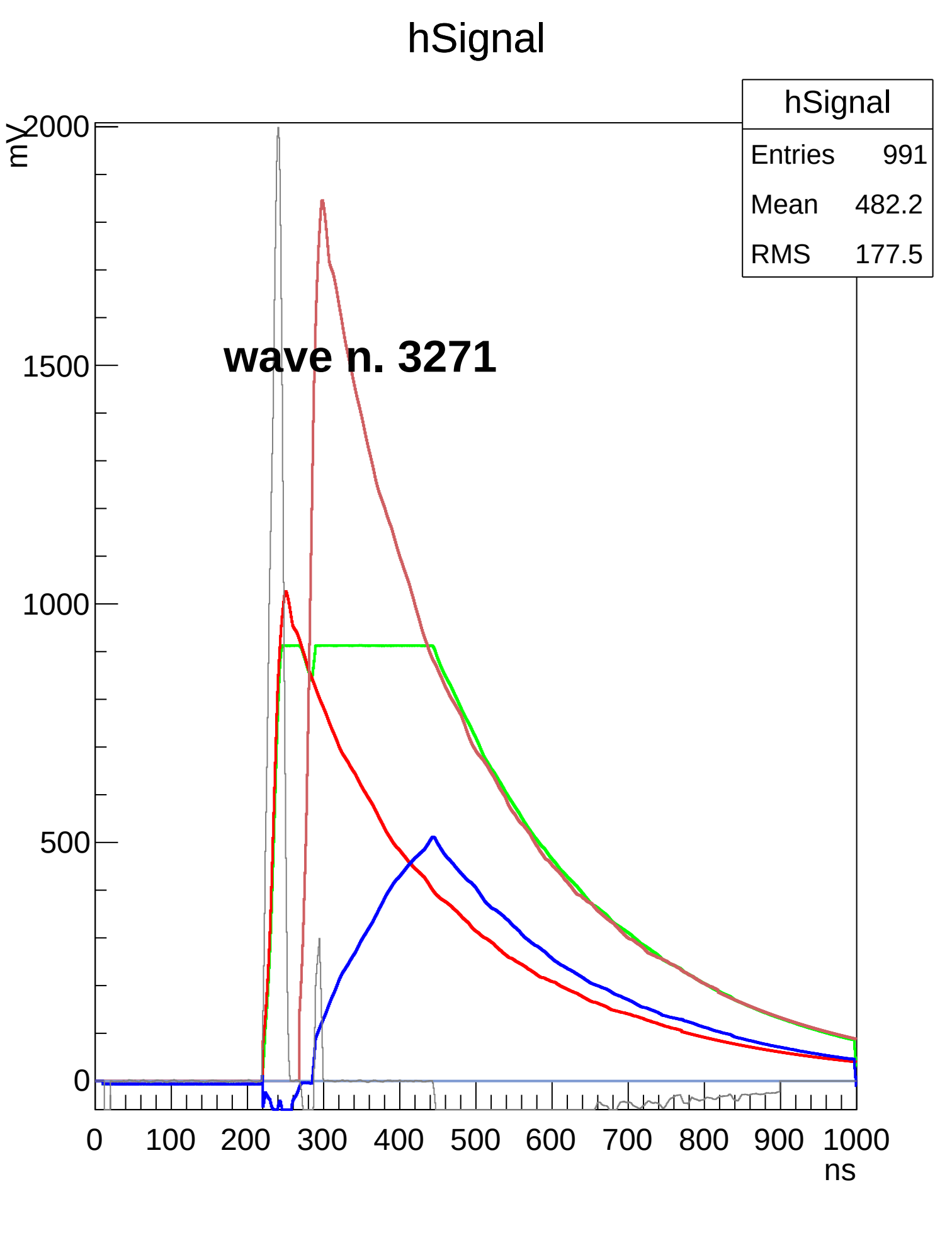
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 587
RMS 187.6
wave n. 3270
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 482.2
RMS 177.5
wave n. 3271
mV
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1500
1000
500
0
0
100
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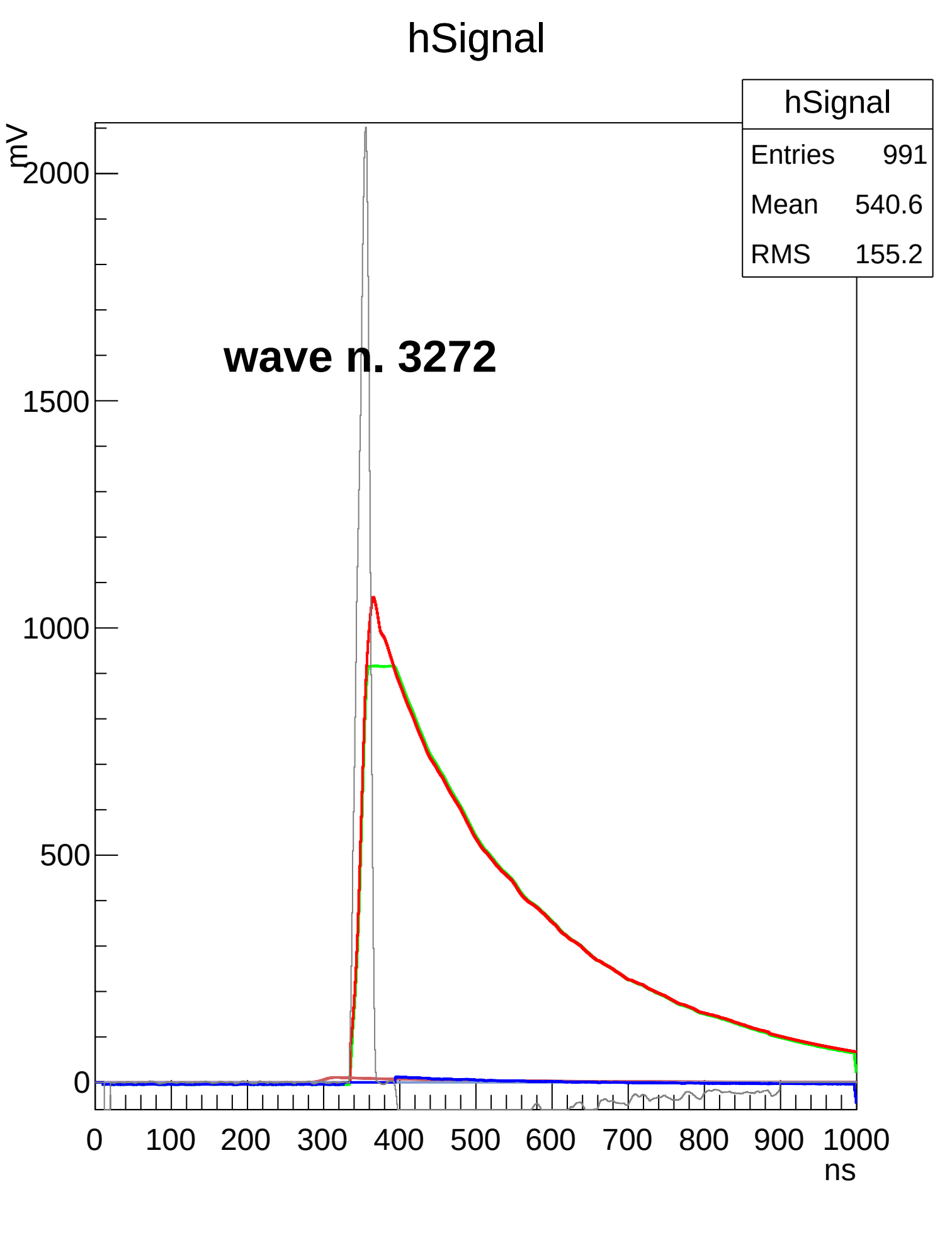
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 540.6
RMS 155.2
wave n. 3272
mV
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1500
1000
500
0
0
100
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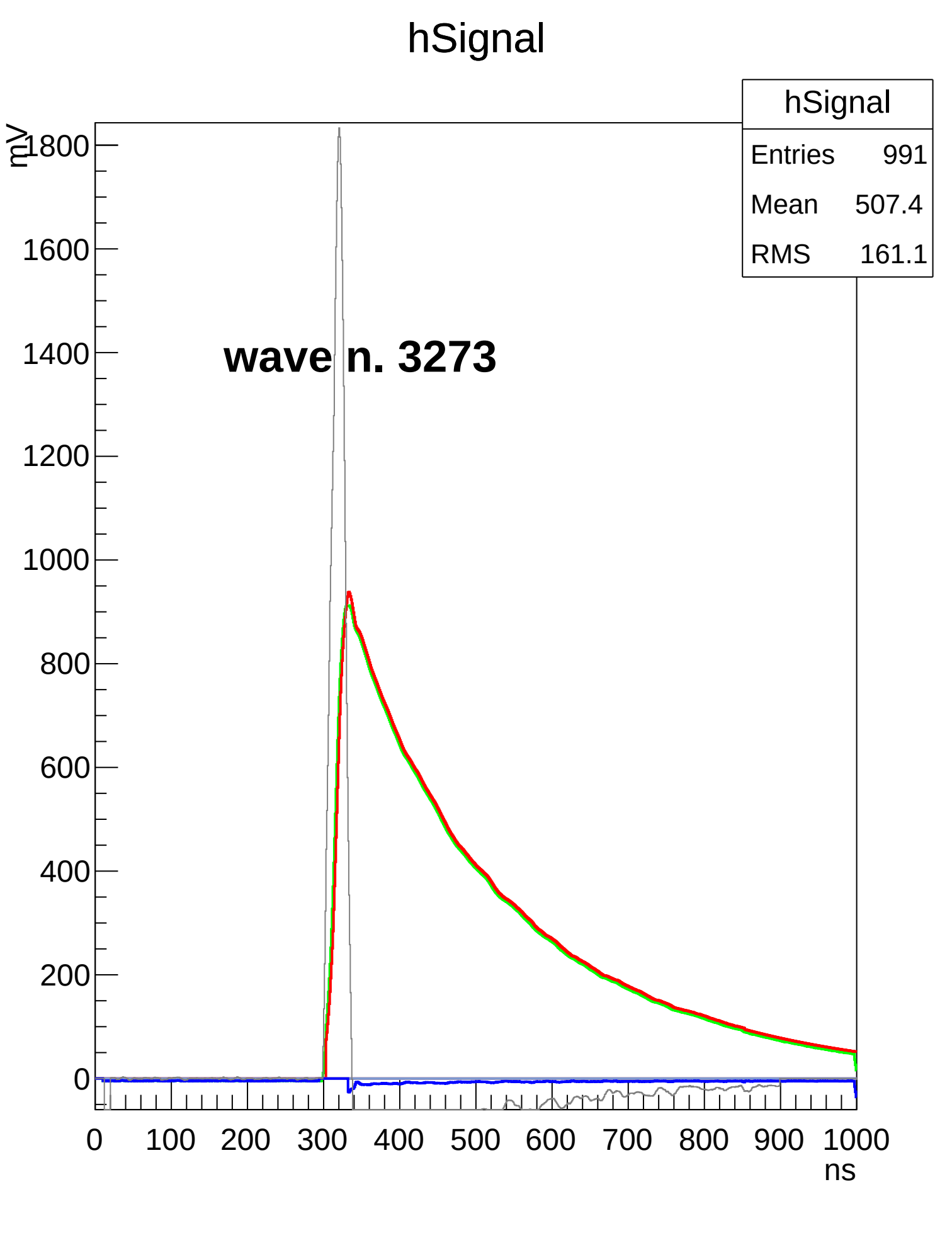
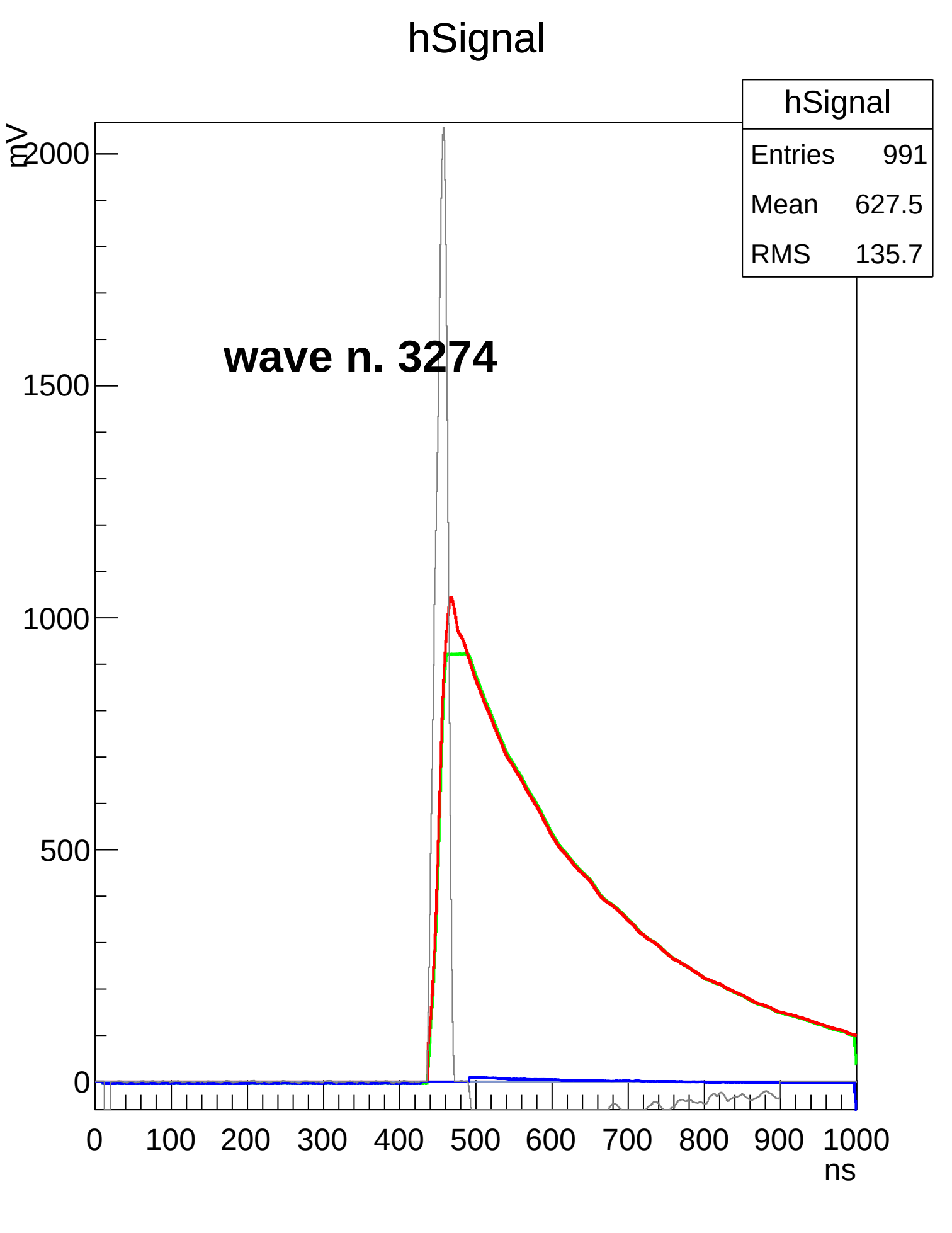
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507.4
RMS 161.1
wave n. 3273
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 627.5
RMS 135.7
wave n. 3274
mV
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1500
1000
500
0
0
100
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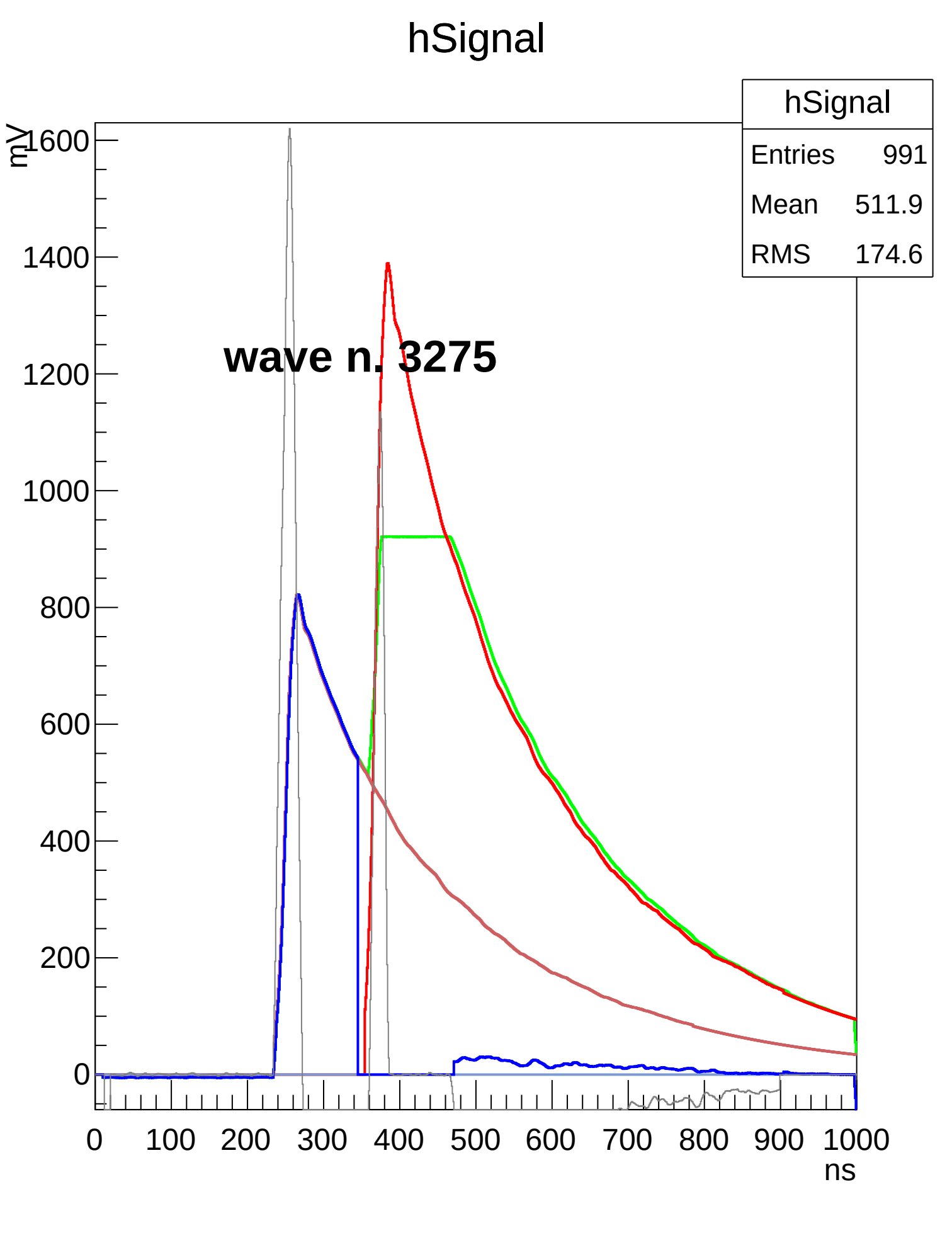
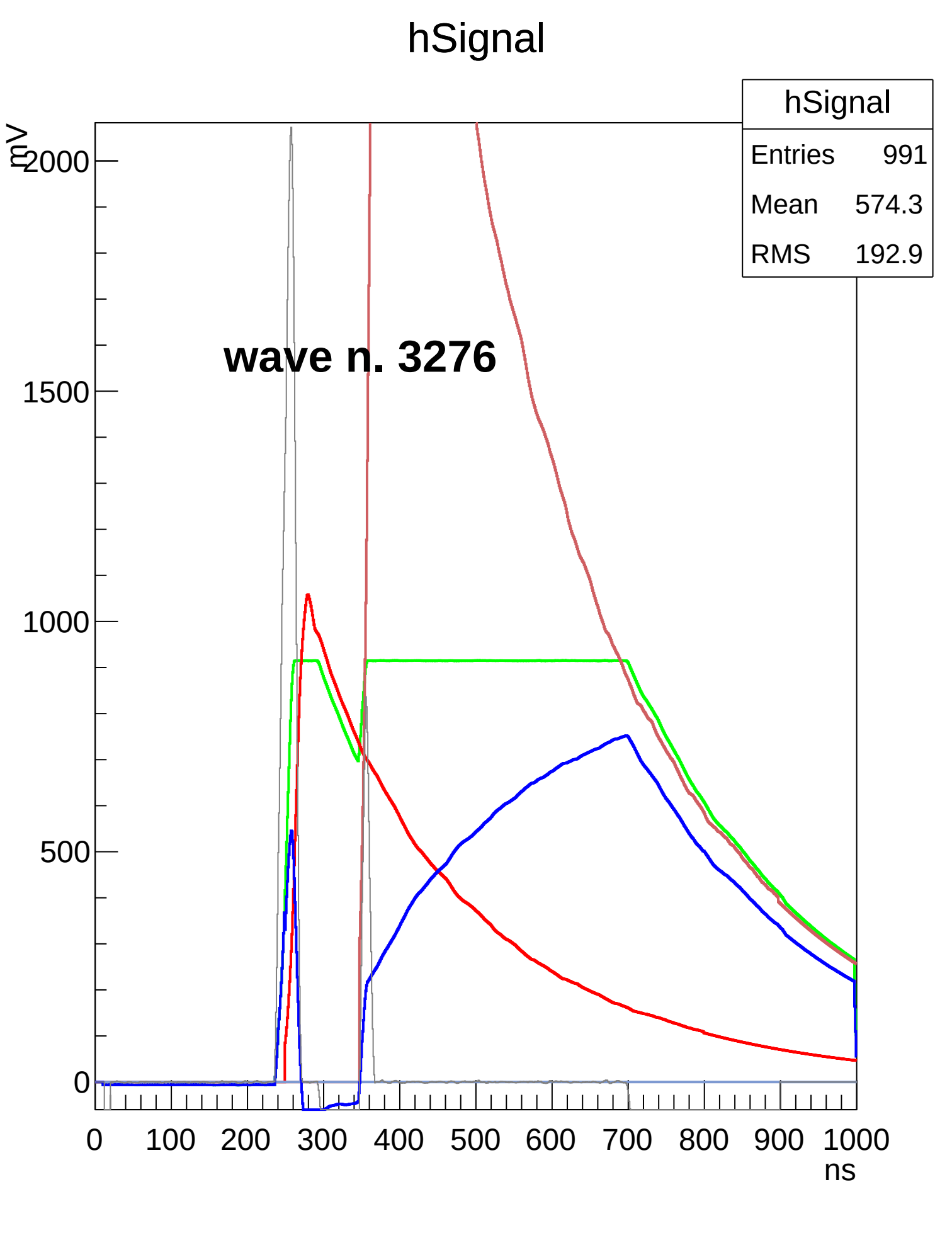
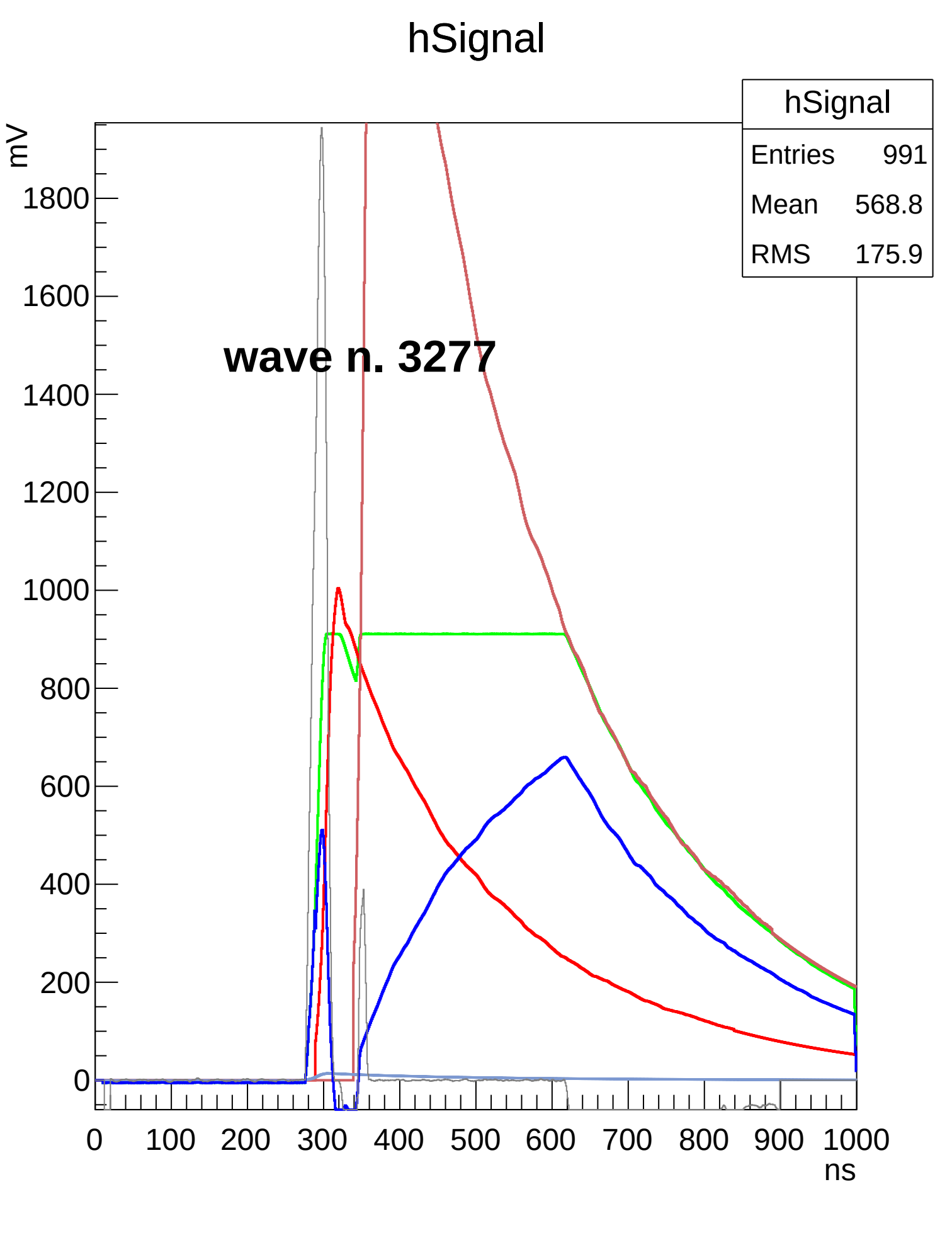
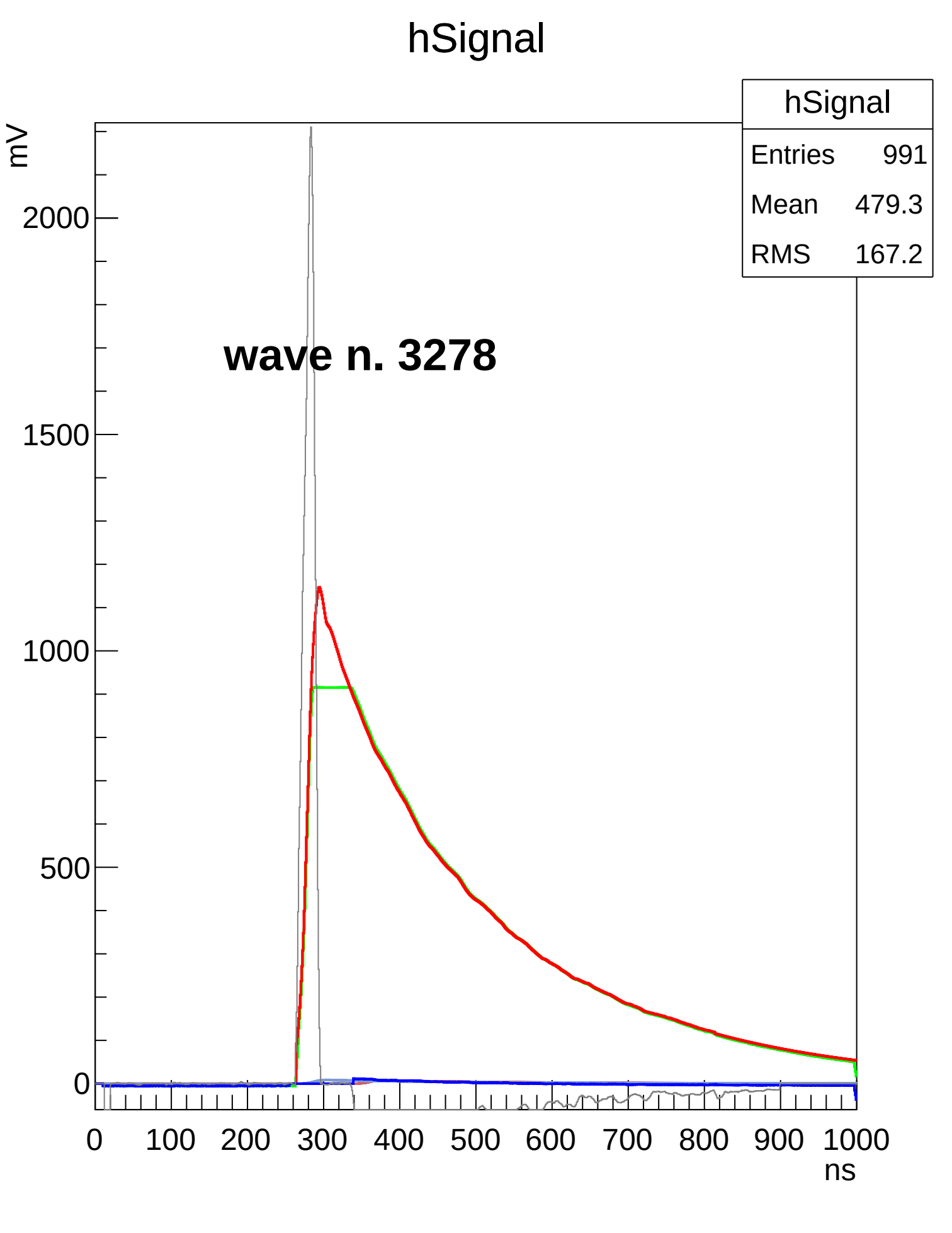
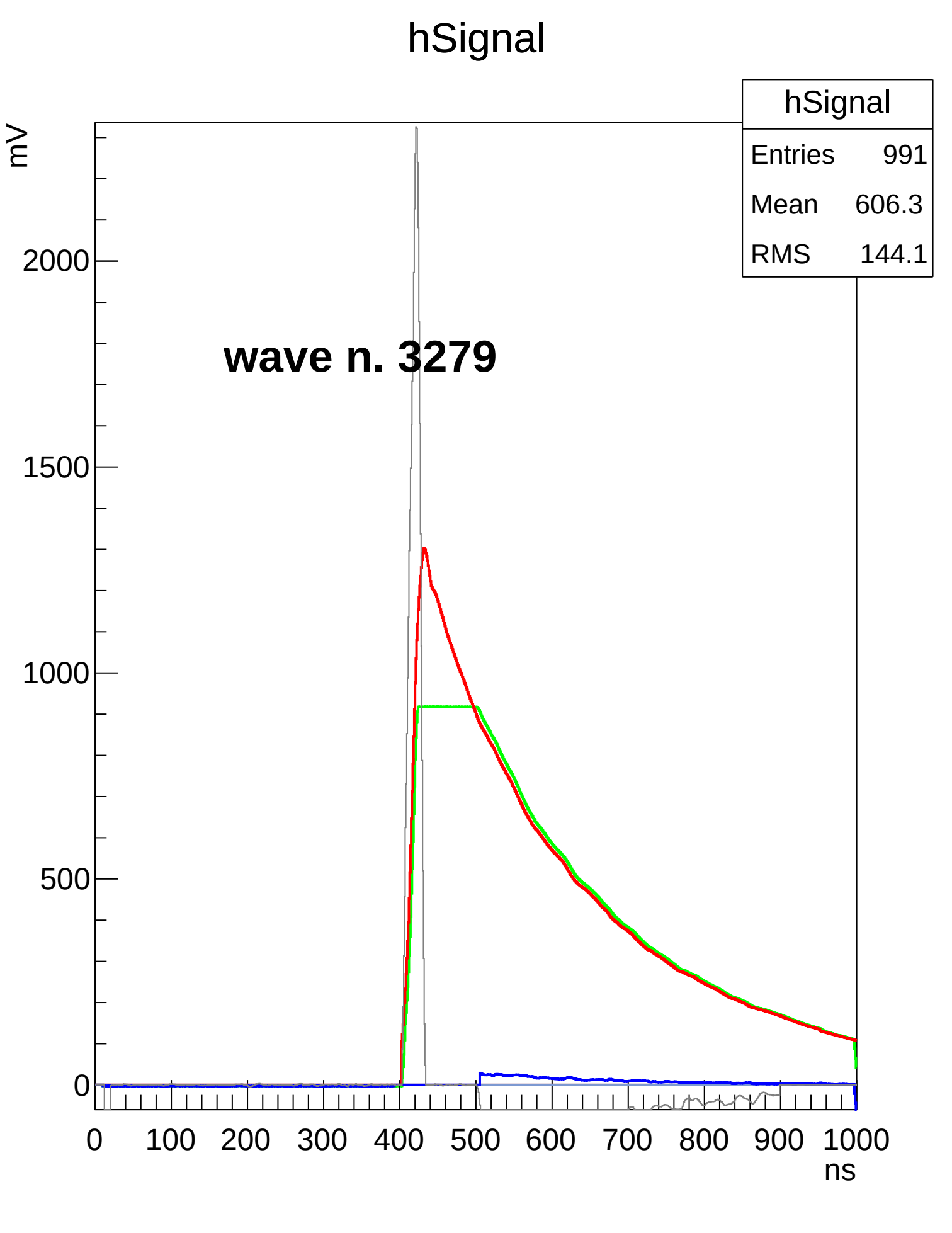
800
900
1000
ns

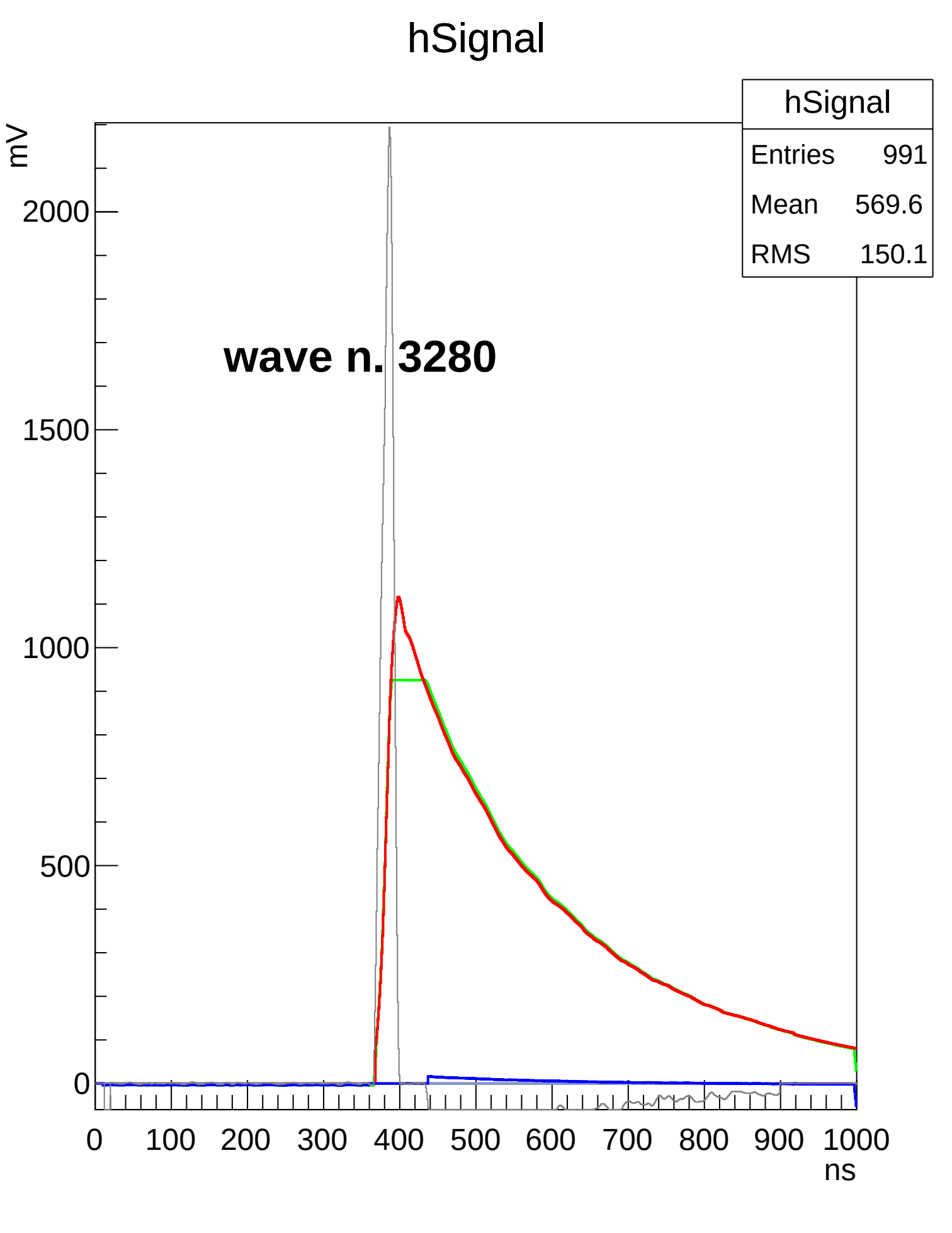

hSignal
hSignal
Entries 991
Mean 511.9
RMS 174.6
wave n. 3275
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

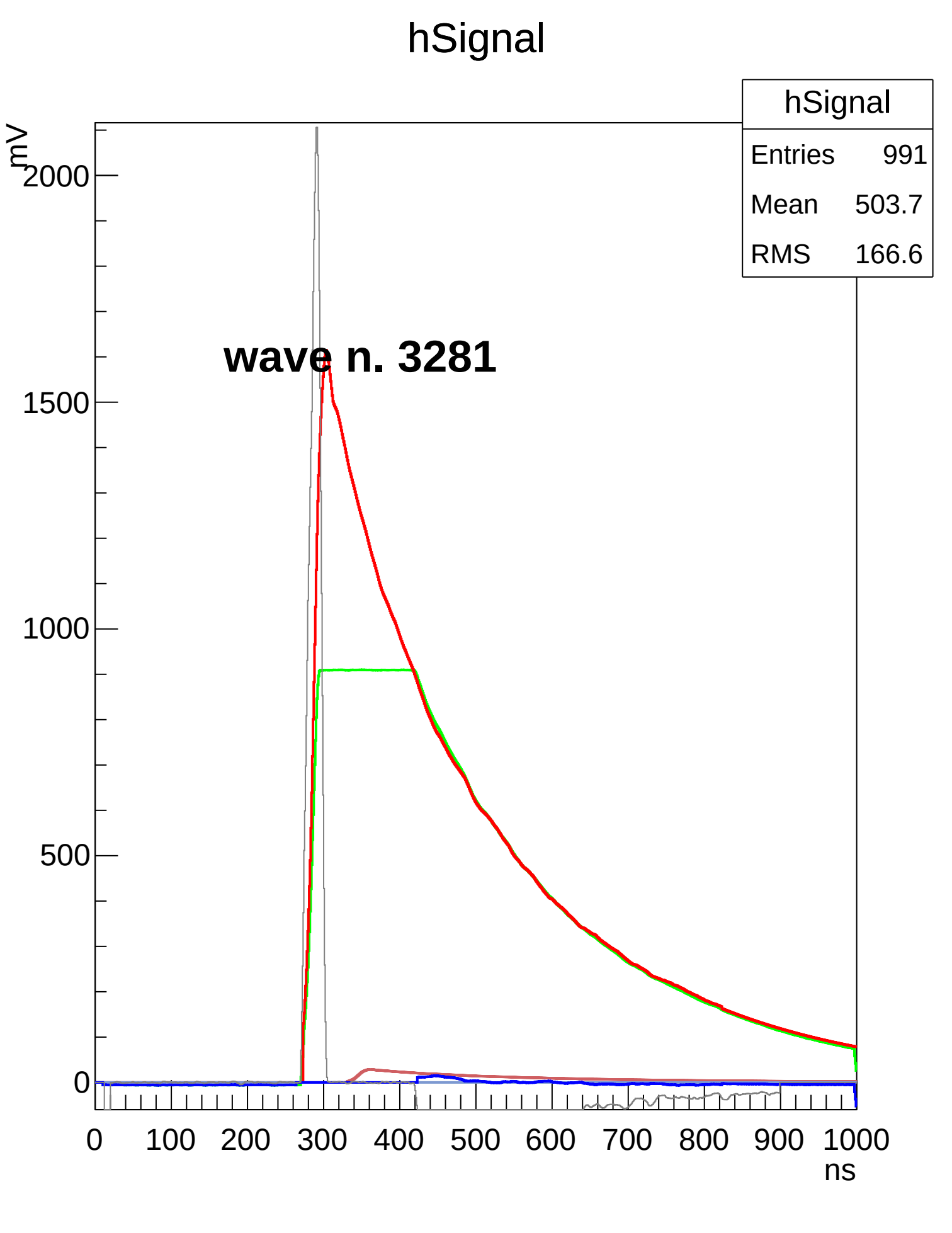

hSignal
hSignal
Entries 991
Mean 574.3
RMS 192.9
wave n. 3276
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

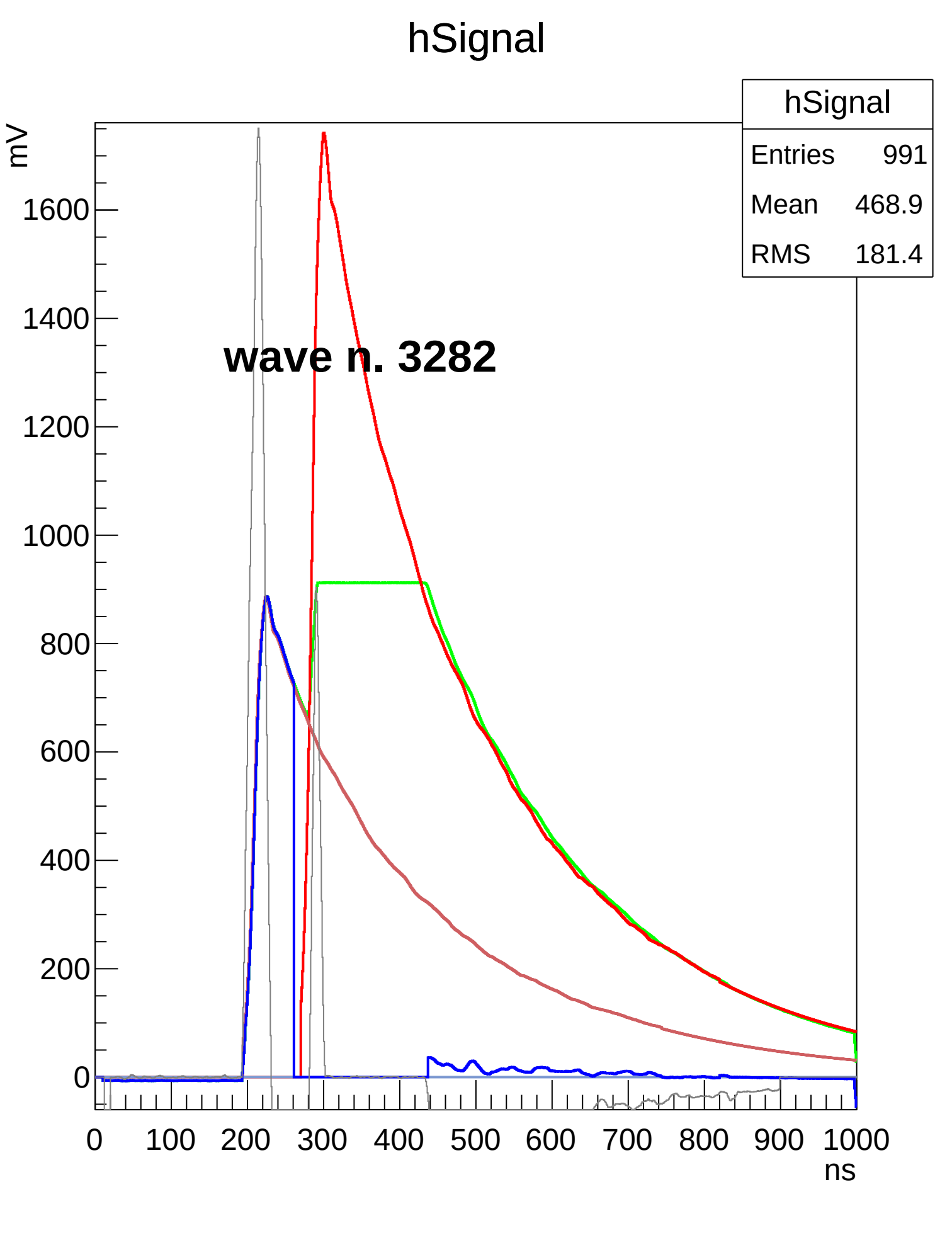

hSignal
hSignal
Entries 991
Mean 568.8
RMS 175.9
wave n. 3277
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

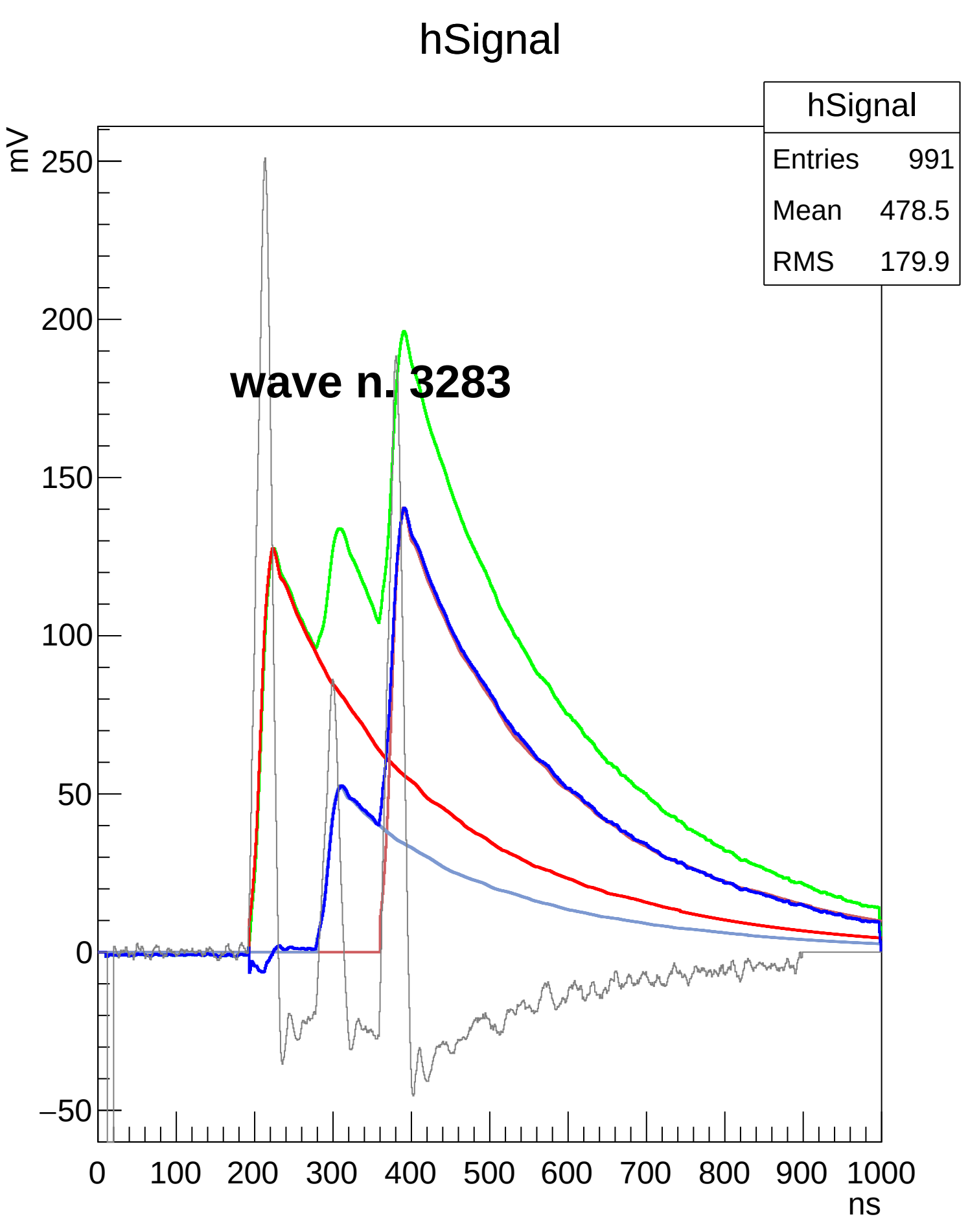

hSignal
hSignal
Entries 991
Mean 479.3
RMS 167.2
wave n. 3278
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

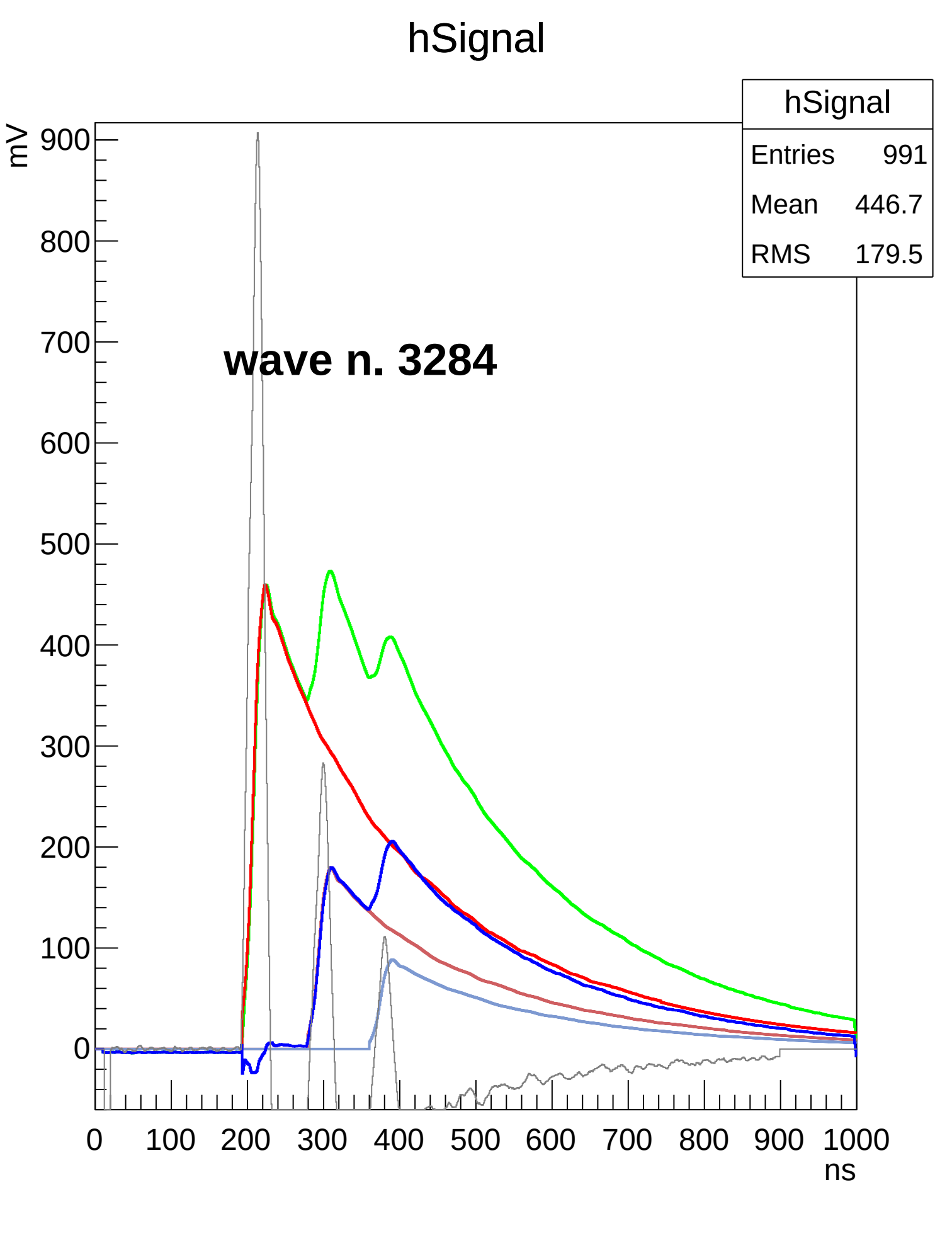

hSignal
hSignal
Entries 991
Mean 606.3
RMS 144.1
wave n. 3279
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

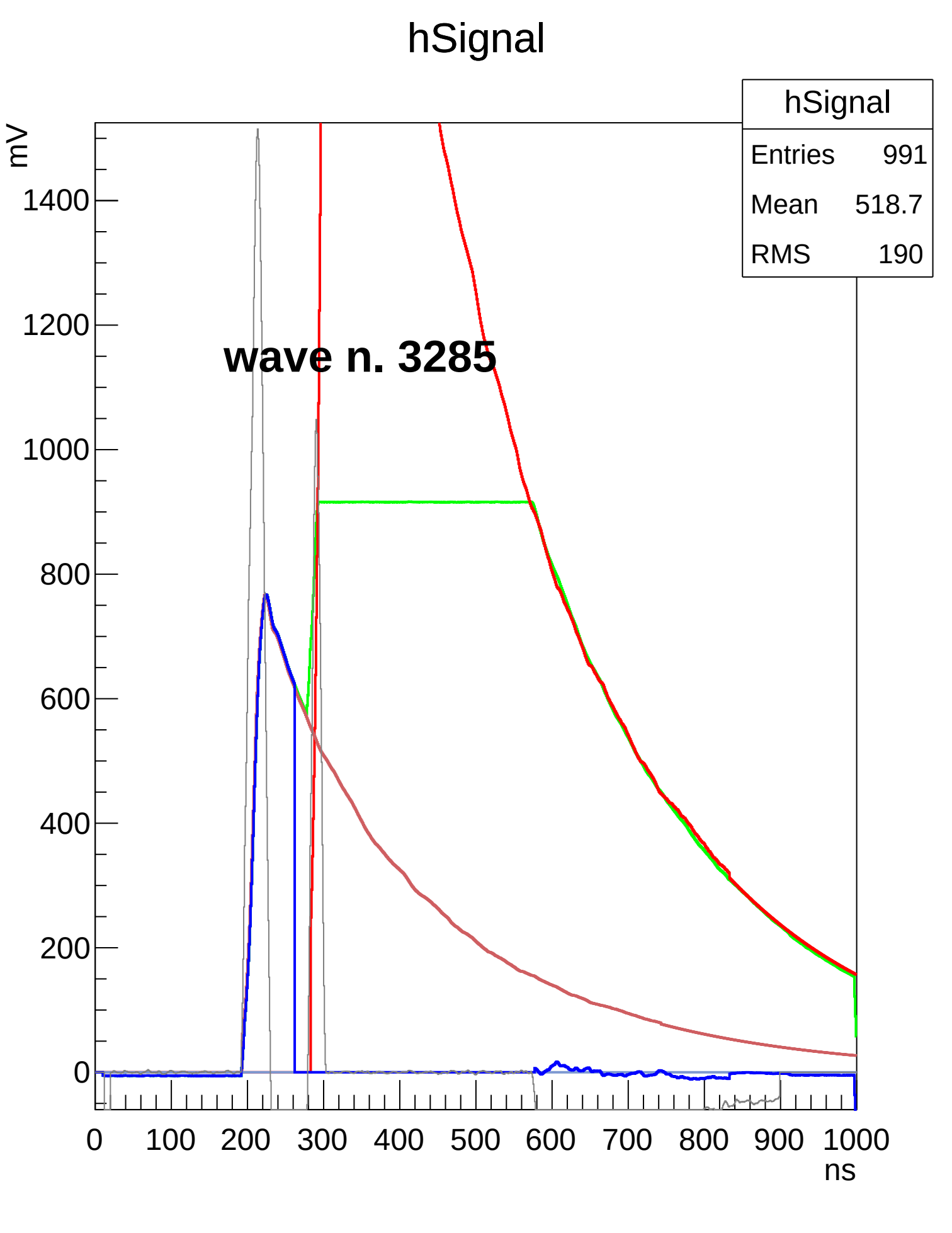

hSignal
hSignal
Entries 991
Mean 569.6
RMS 150.1
wave n. 3280
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

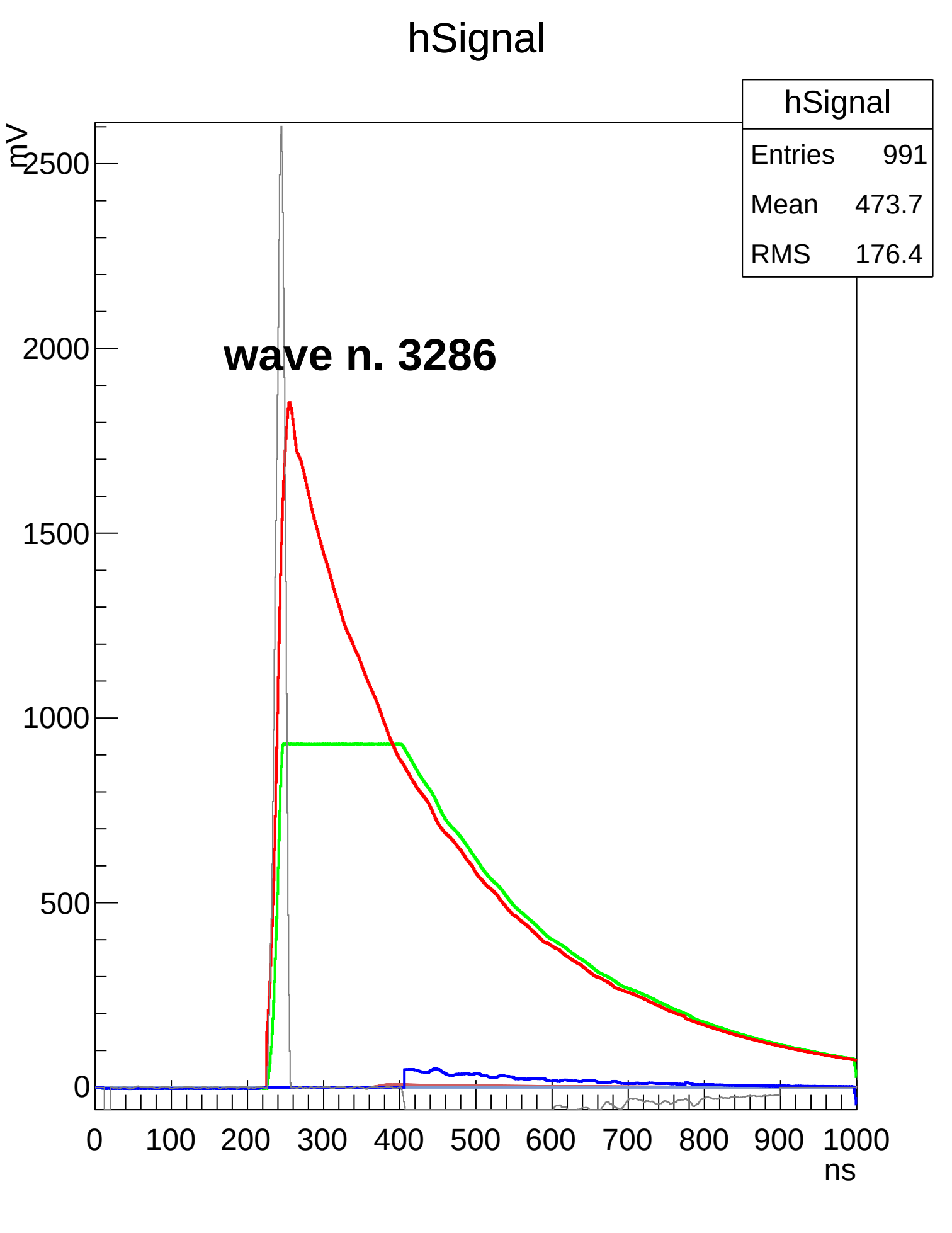

hSignal
hSignal
Entries 991
Mean 503.7
RMS 166.6
wave n. 3281
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

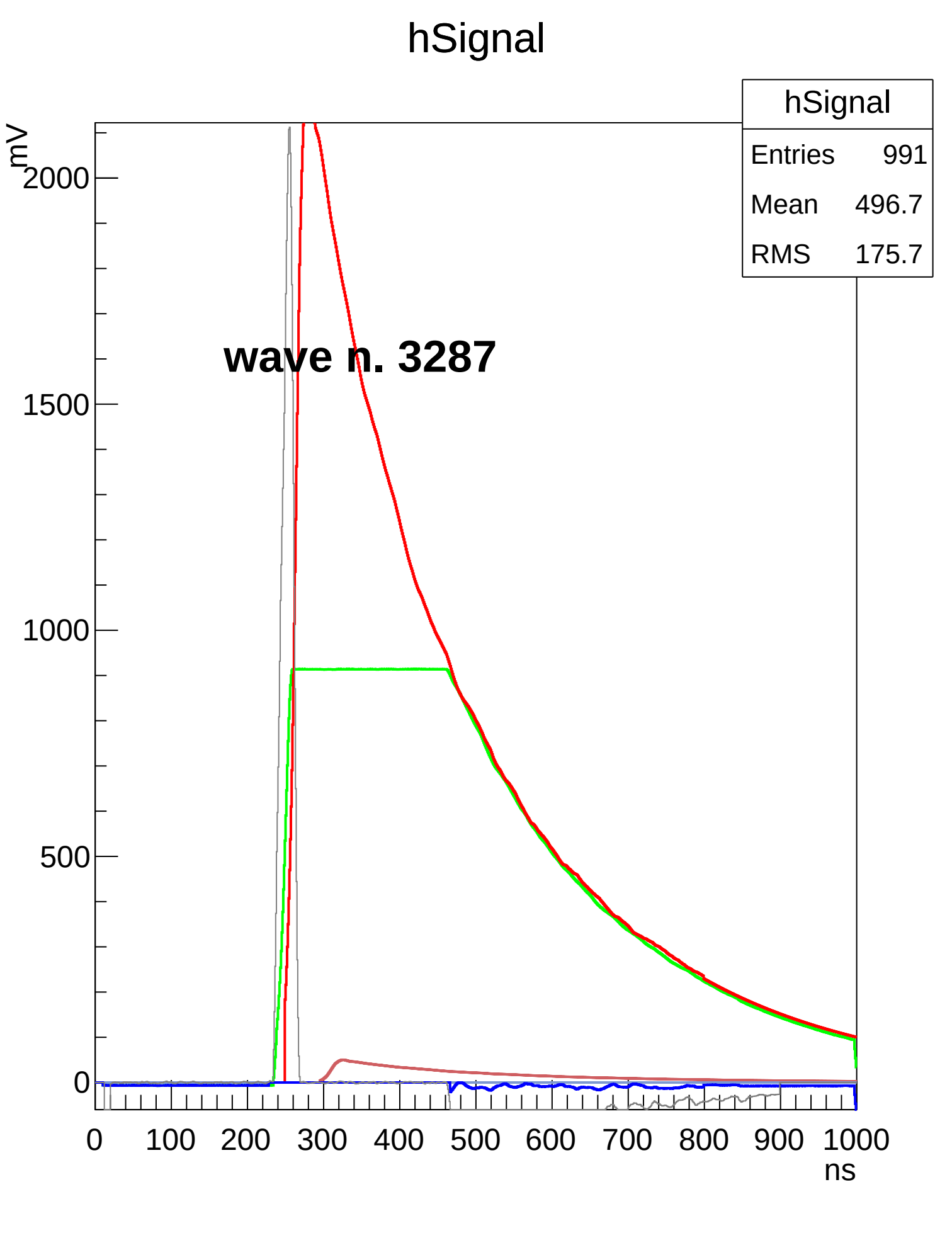

hSignal
hSignal
Entries 991
Mean 468.9
RMS 181.4
wave n. 3282
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

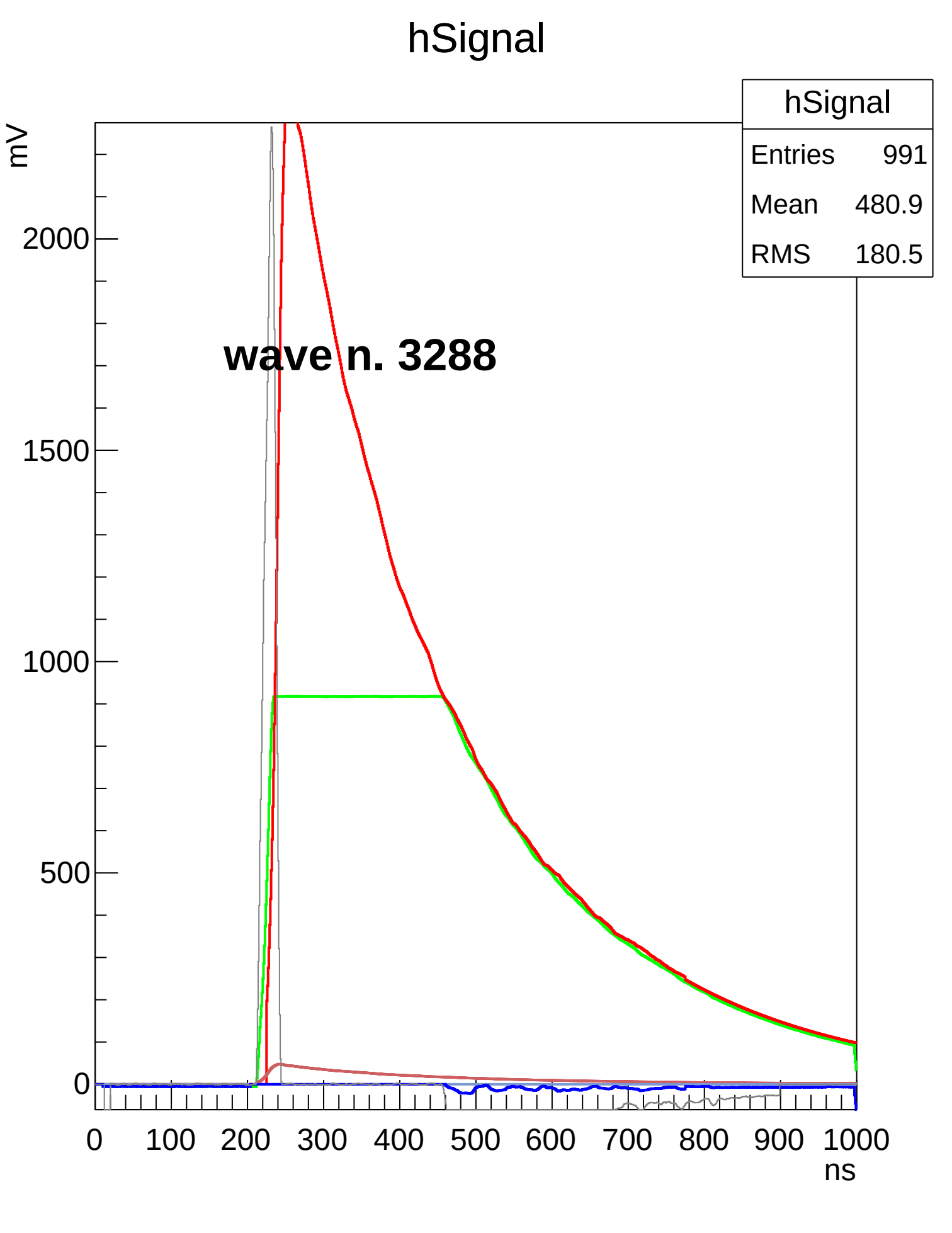

hSignal
hSignal
Entries 991
Mean 478.5
RMS 179.9
wave n. 3283
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

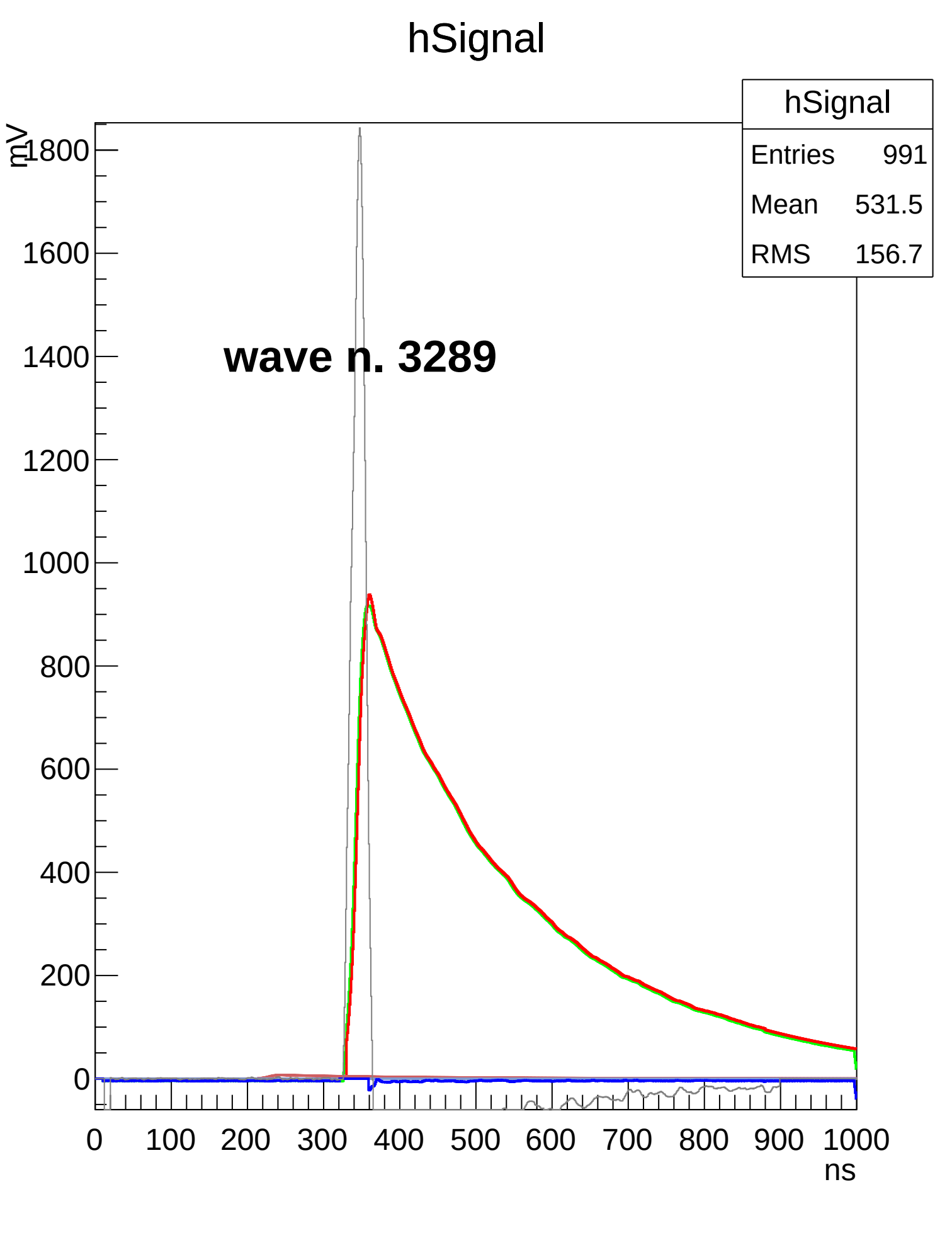

hSignal
hSignal
Entries 991
Mean 446.7
RMS 179.5
wave n. 3284
mV
900
800
700
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns

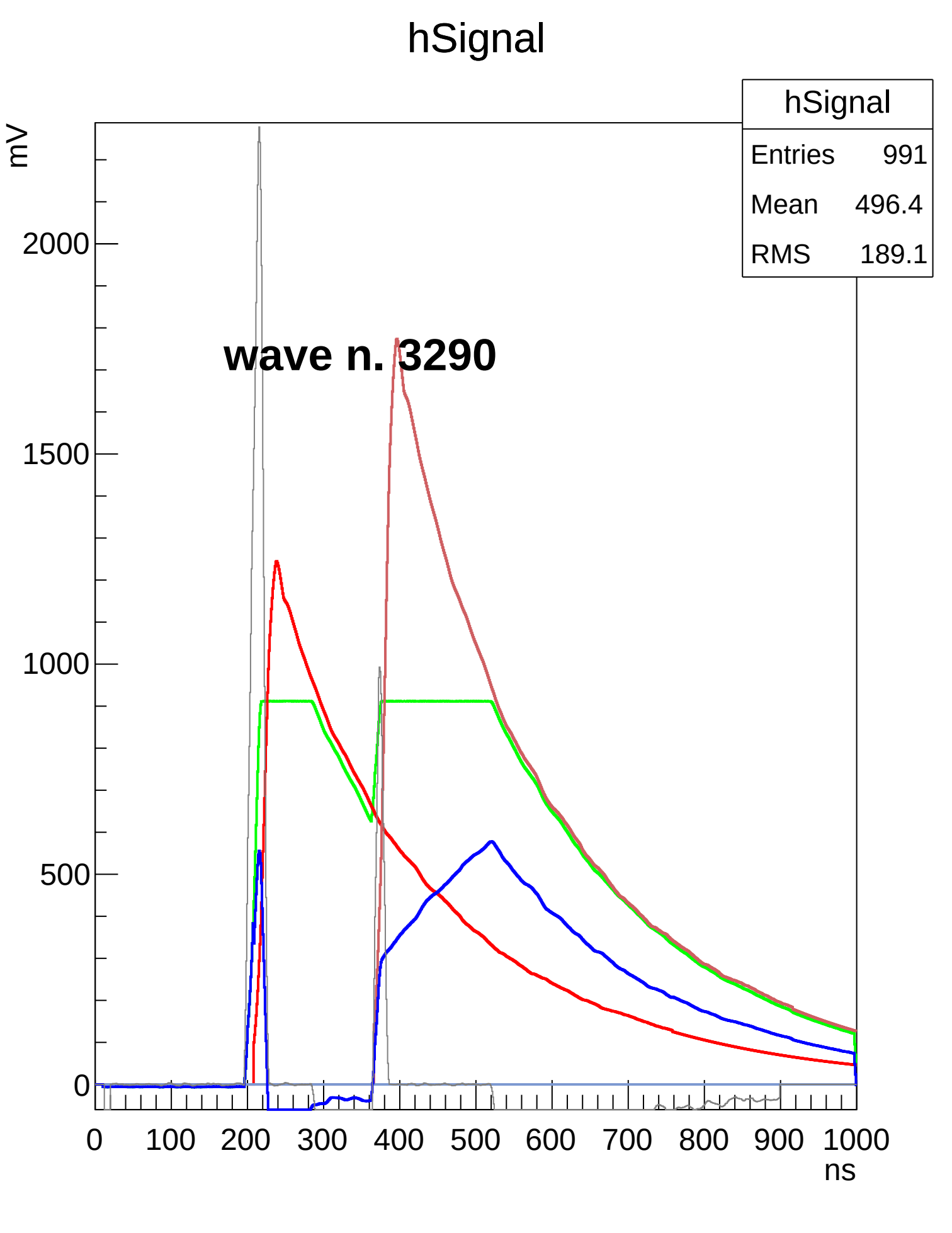

hSignal
hSignal
Entries 991
Mean 518.7
RMS 190
wave n. 3285
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

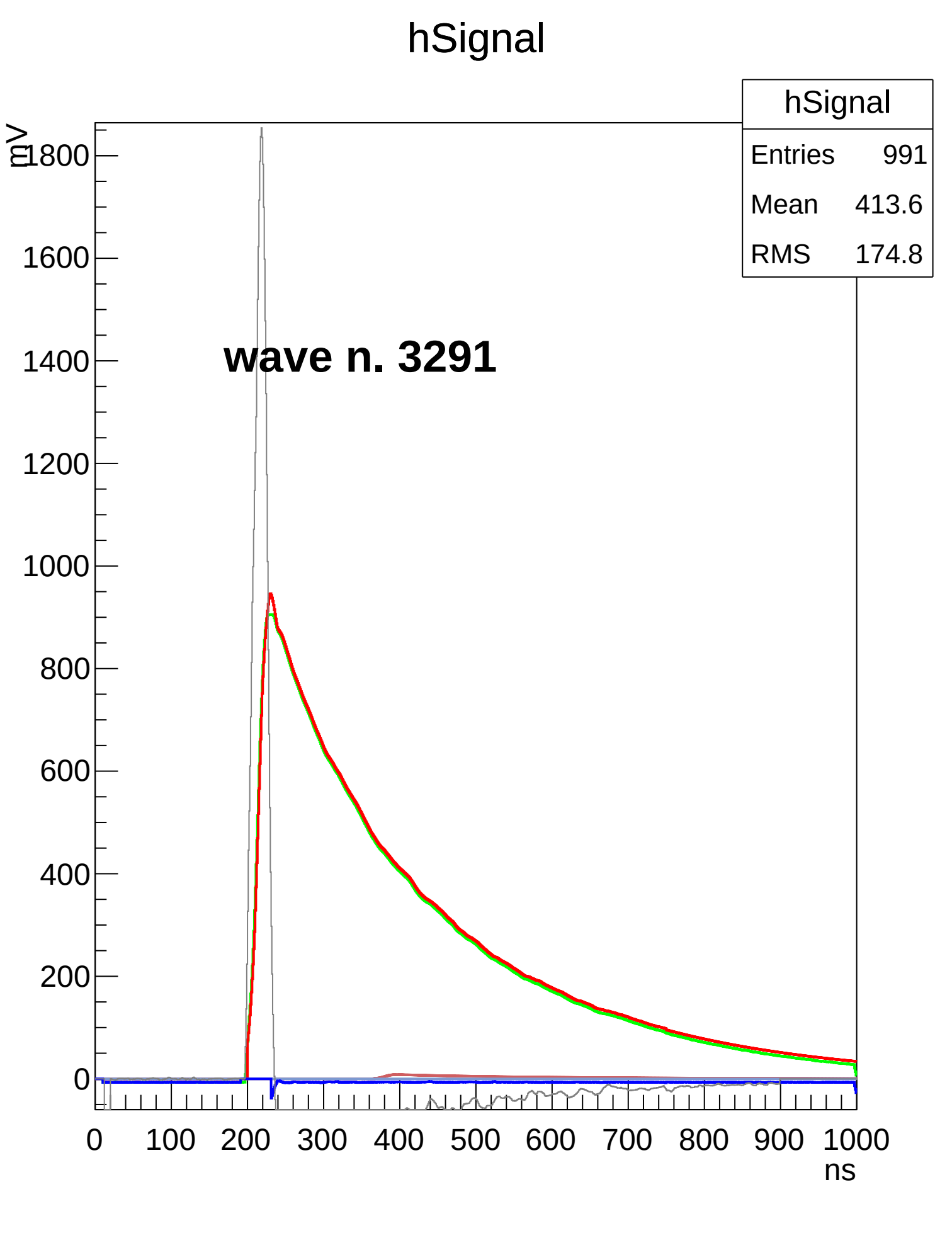

hSignal
hSignal
Entries 991
Mean 473.7
RMS 176.4
wave n. 3286
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

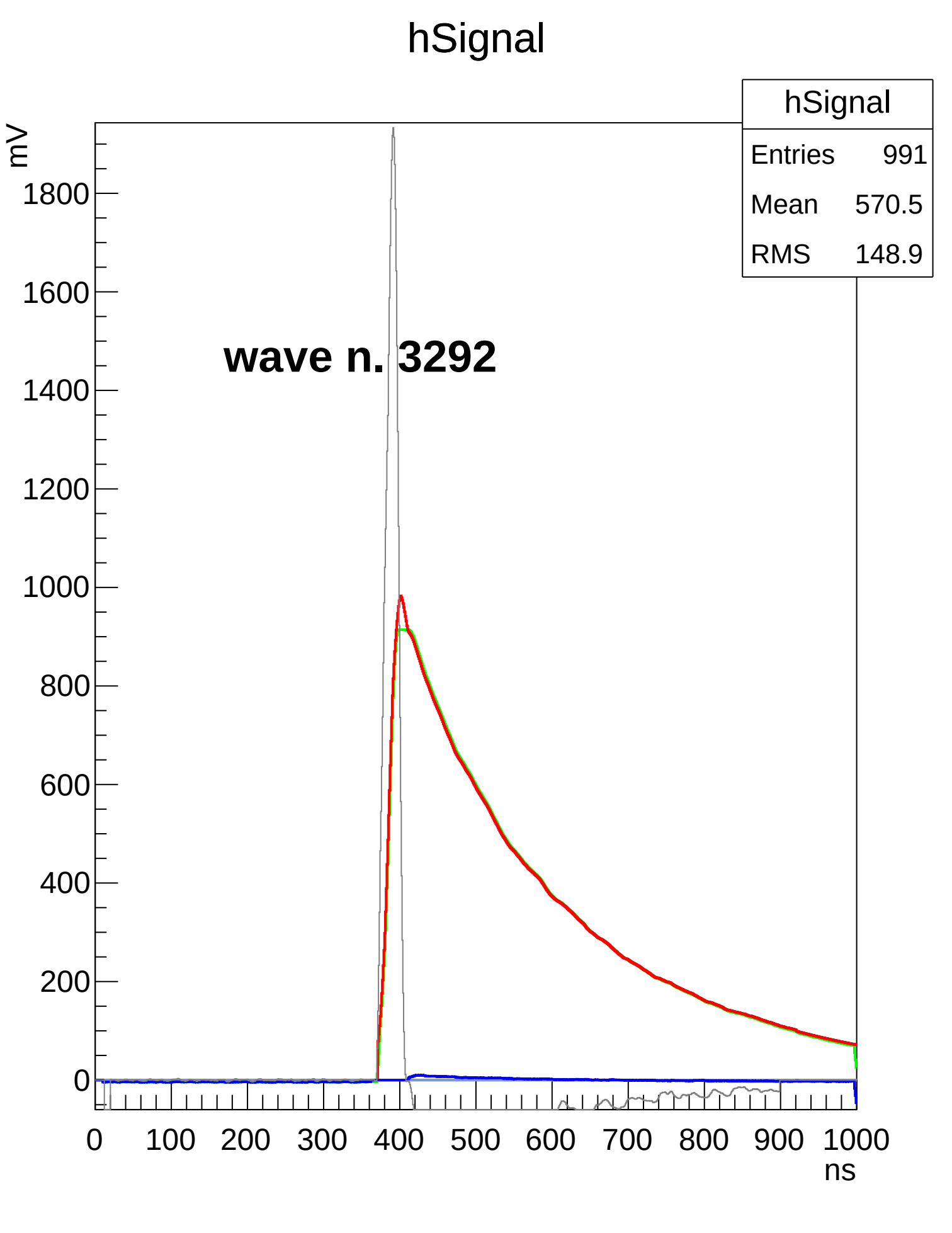

hSignal
hSignal
Entries 991
Mean 496.7
RMS 175.7
wave n. 3287
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

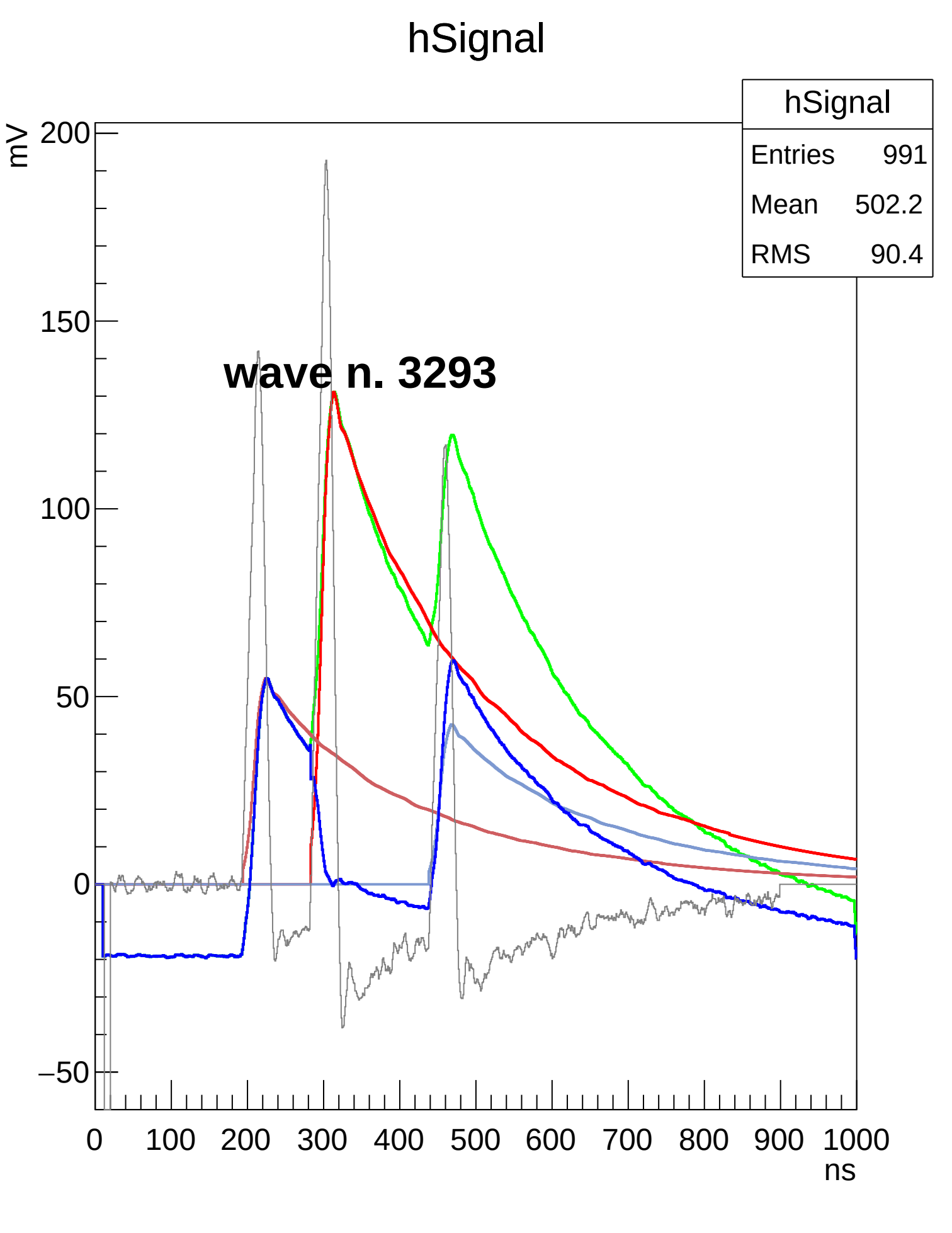

hSignal
hSignal
Entries 991
Mean 480.9
RMS 180.5
wave n. 3288
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

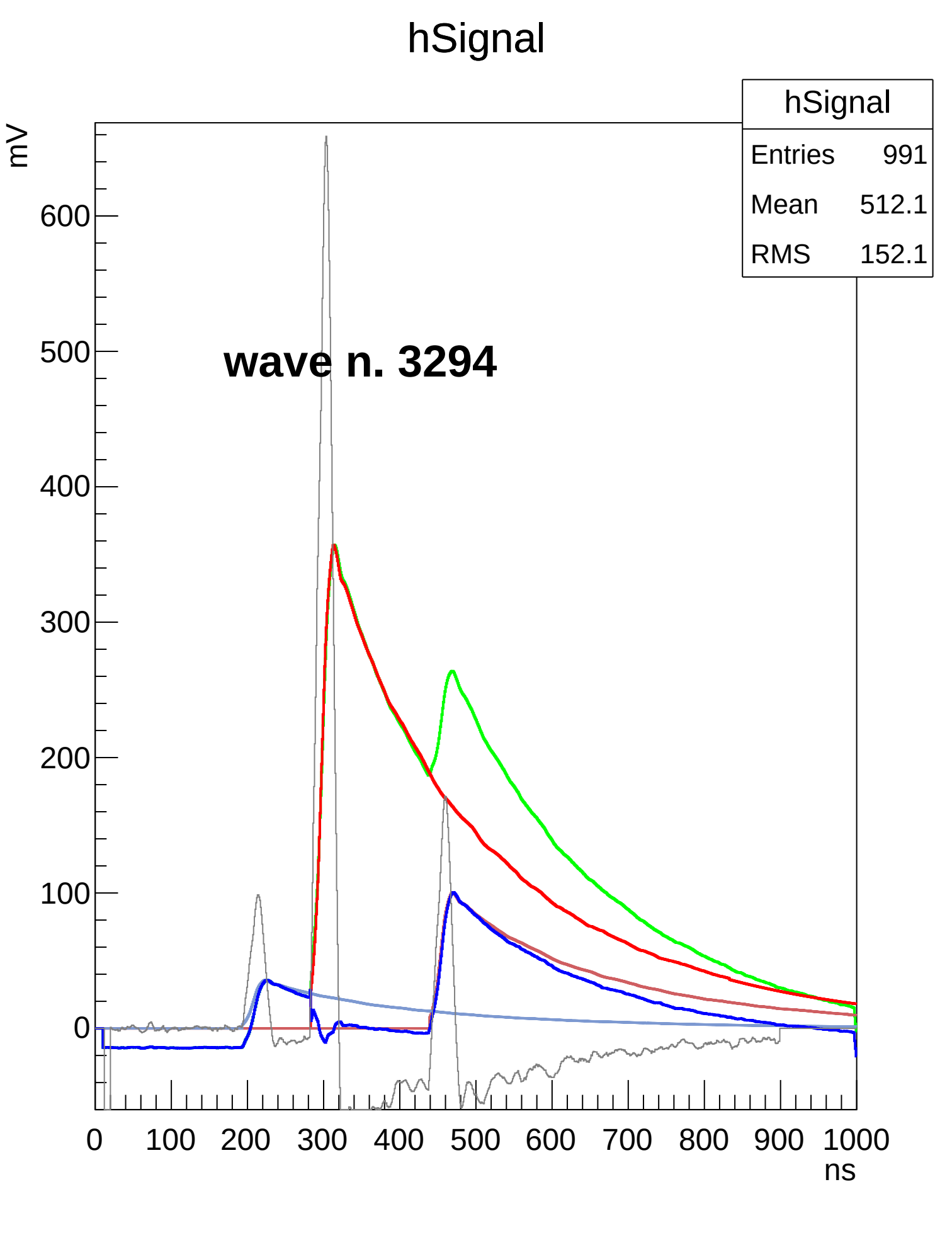

hSignal
hSignal
Entries 991
Mean 531.5
RMS 156.7
wave n. 3289
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

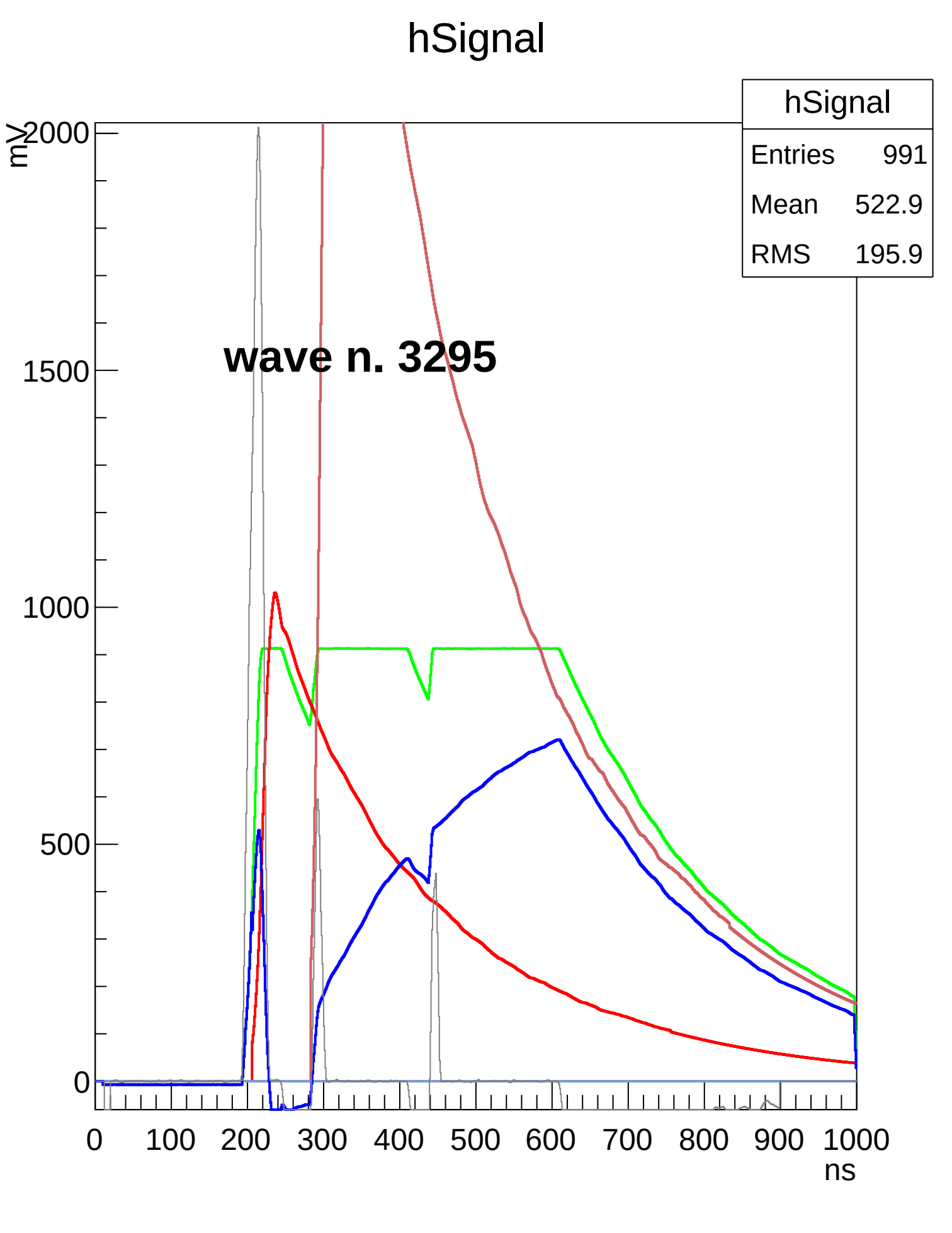

hSignal
hSignal
Entries 991
Mean 496.4
RMS 189.1
wave n. 3290
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

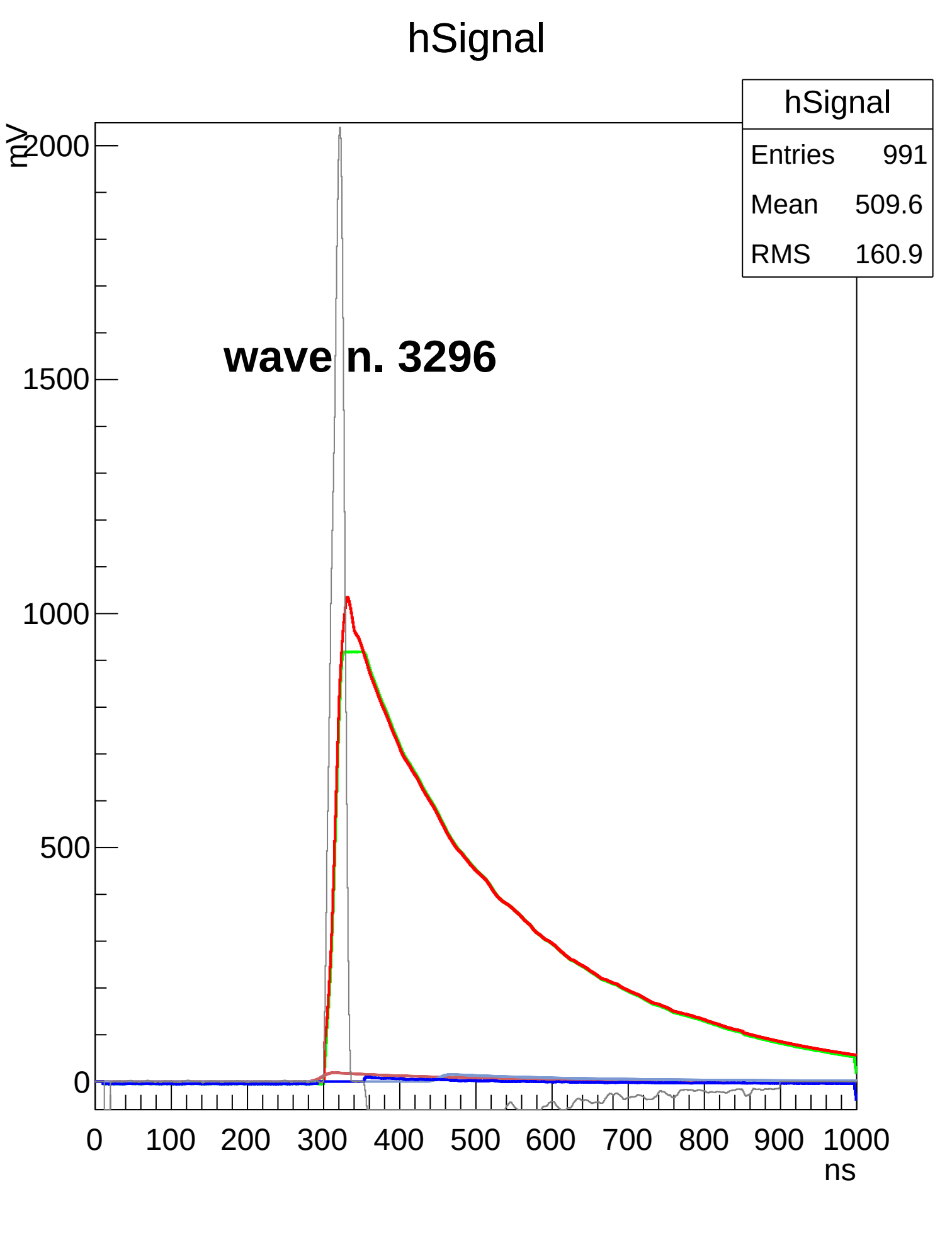

hSignal
hSignal
Entries 991
Mean 413.6
RMS 174.8
wave n. 3291
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

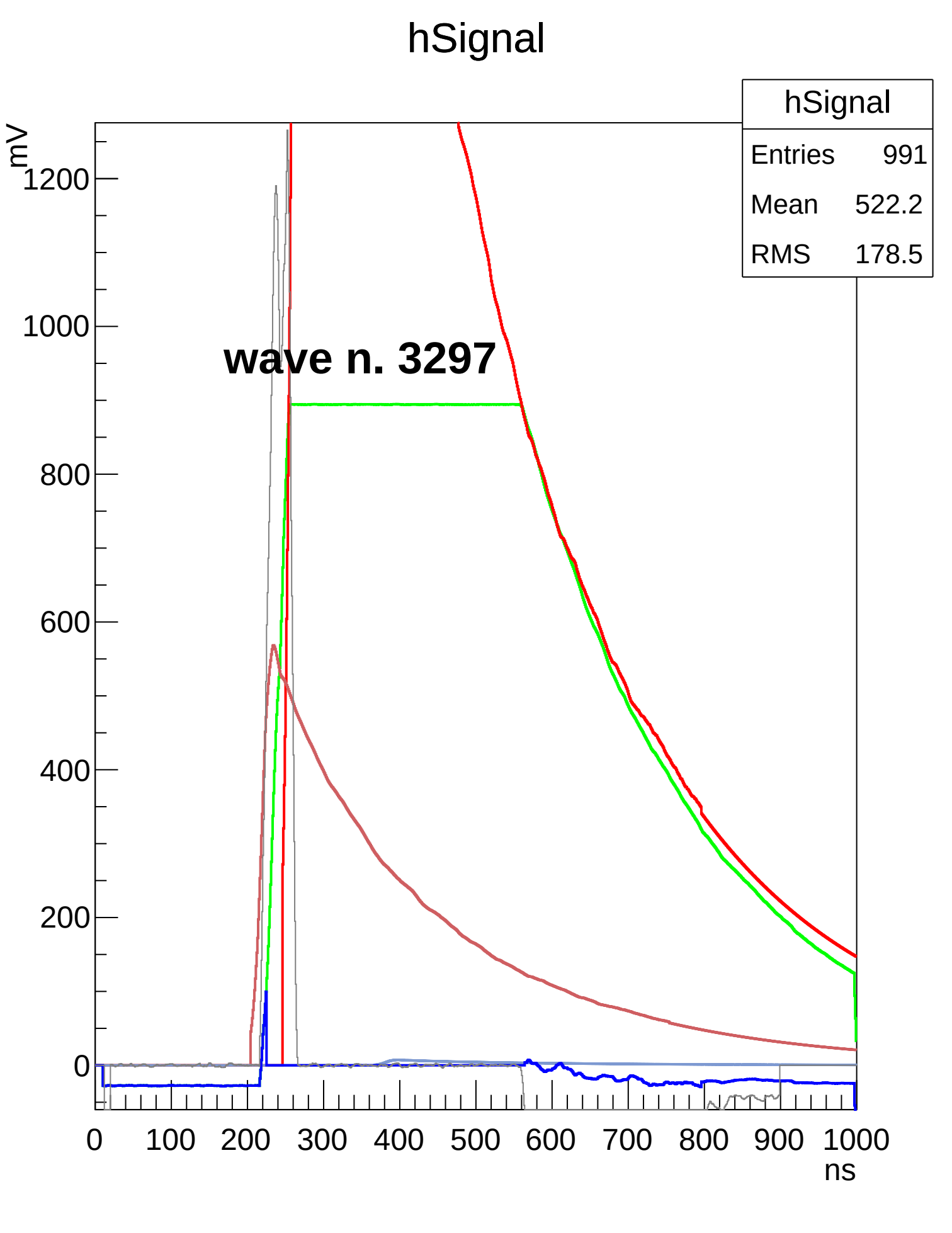

hSignal
hSignal
Entries 991
Mean 570.5
RMS 148.9
wave n. 3292
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

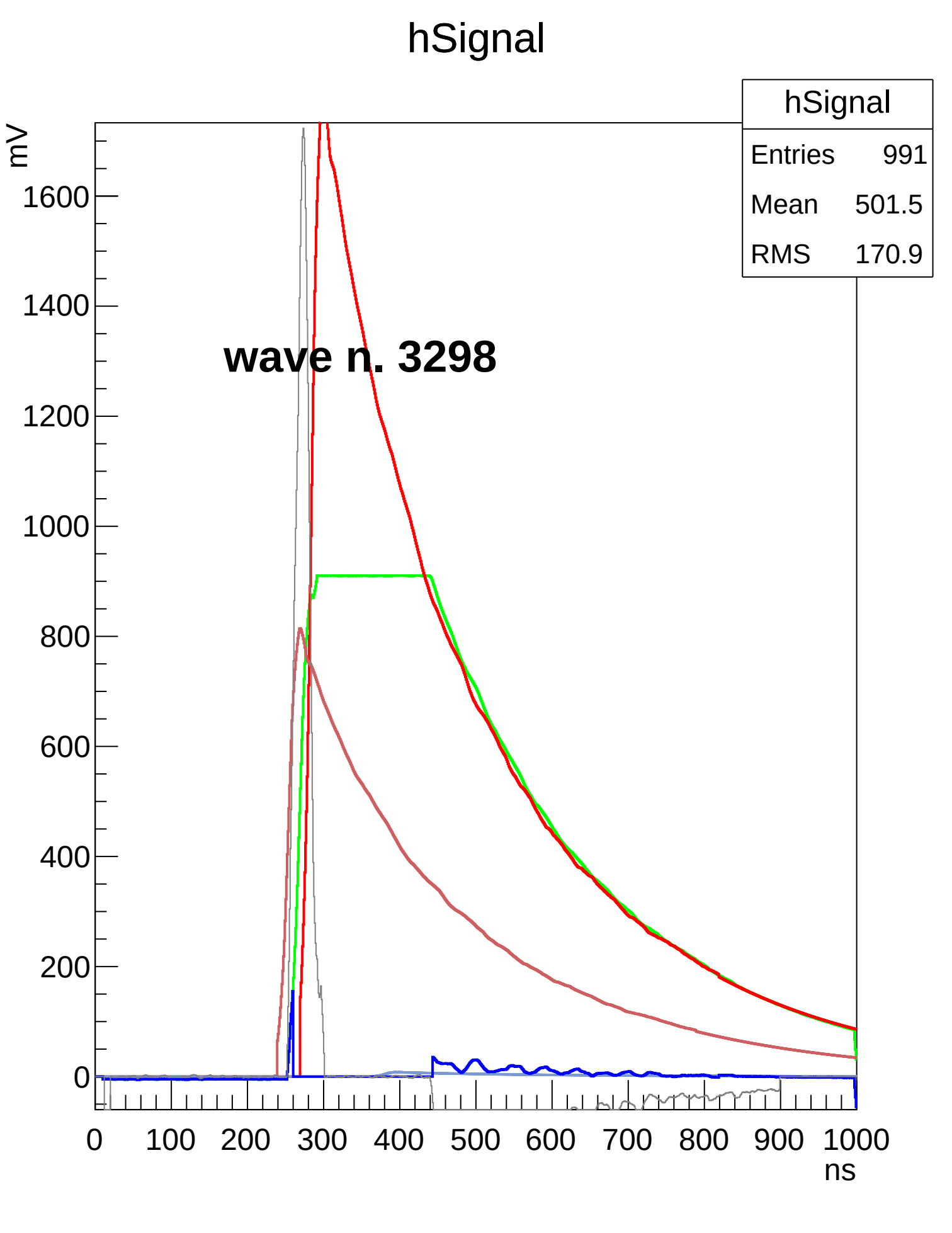

hSignal
hSignal
Entries 991
Mean 502.2
RMS 90.4
wave n. 3293
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

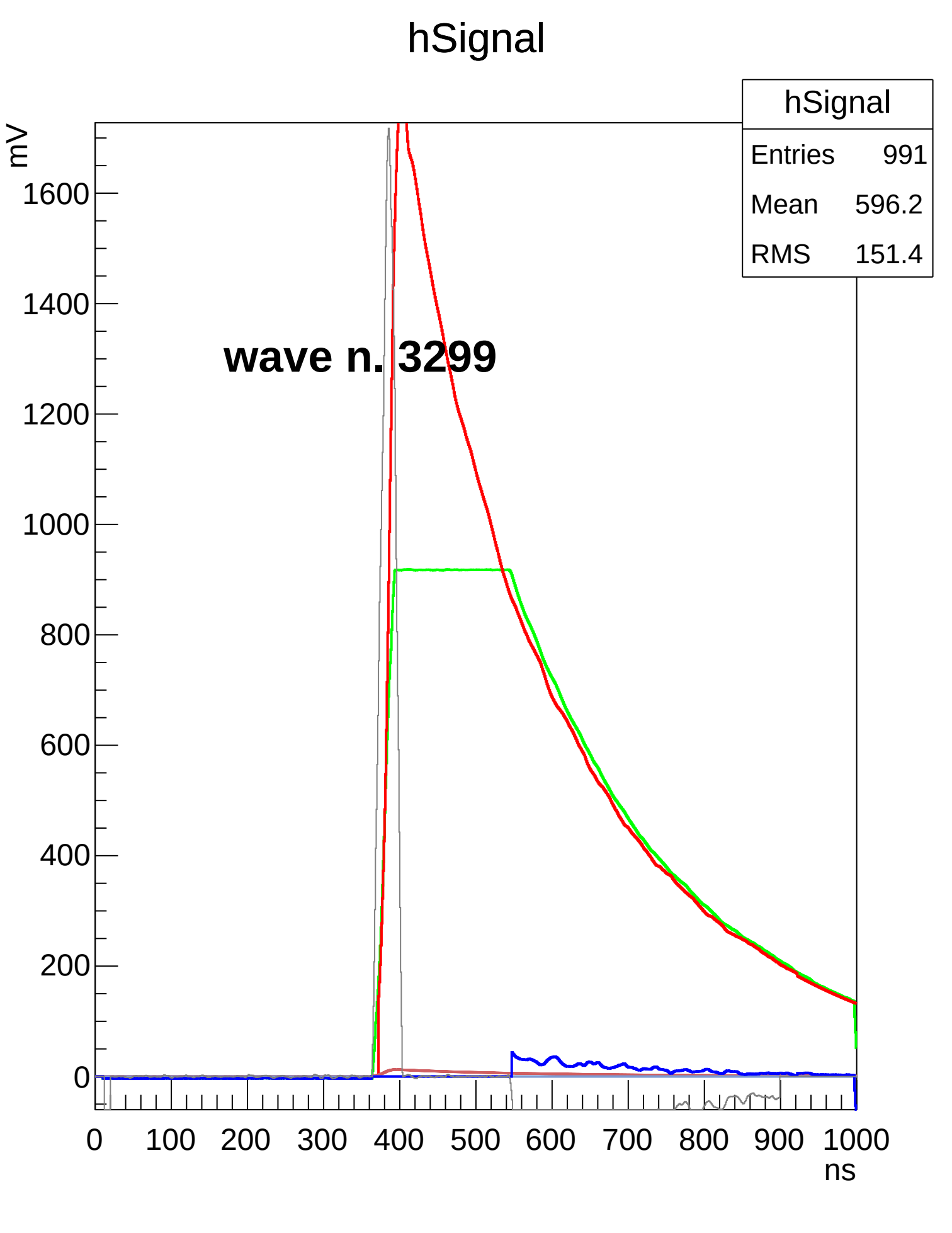

hSignal
hSignal
Entries 991
Mean 512.1
RMS 152.1
wave n. 3294
mV
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns

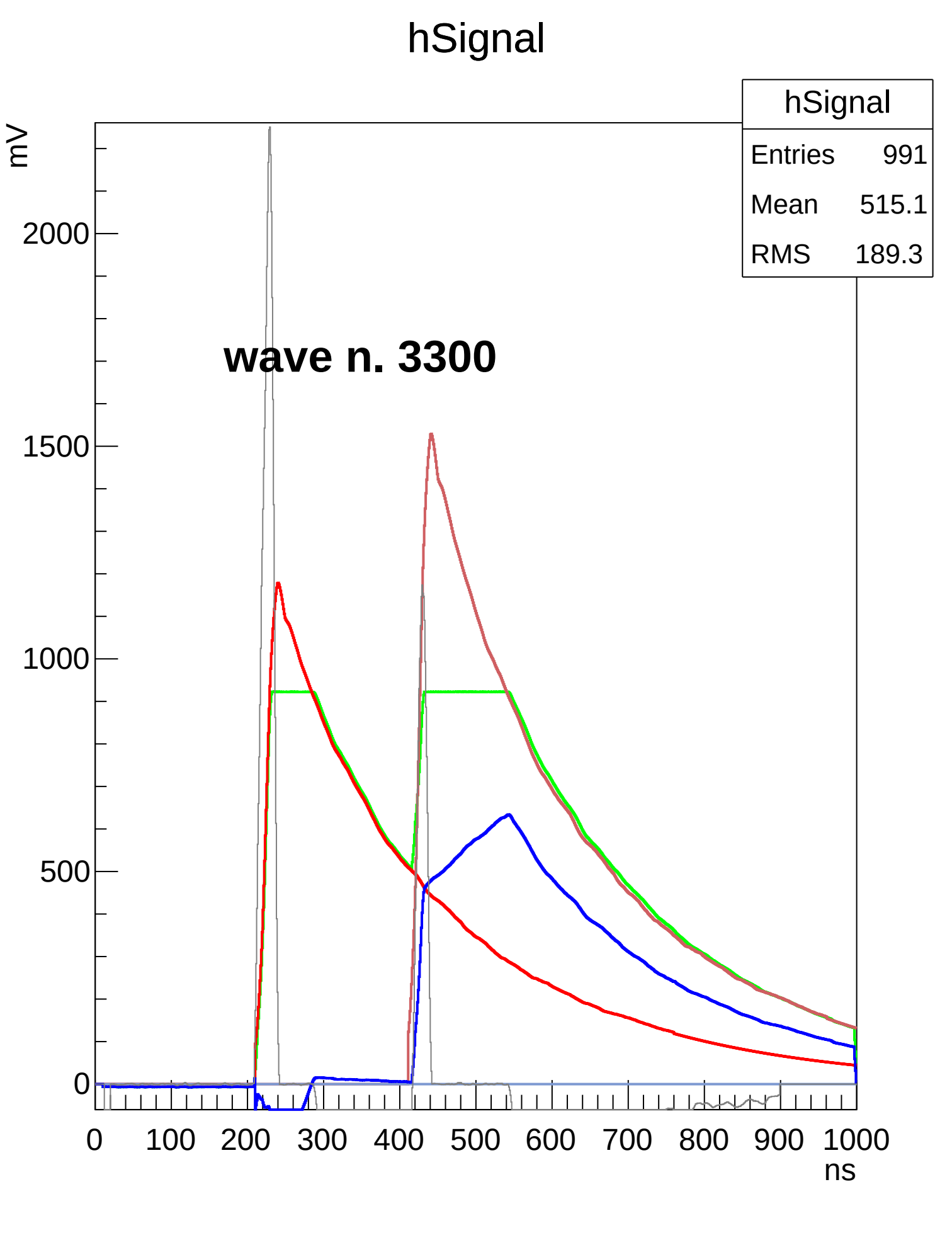

hSignal
hSignal
Entries 991
Mean 522.9
RMS 195.9
wave n. 3295
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

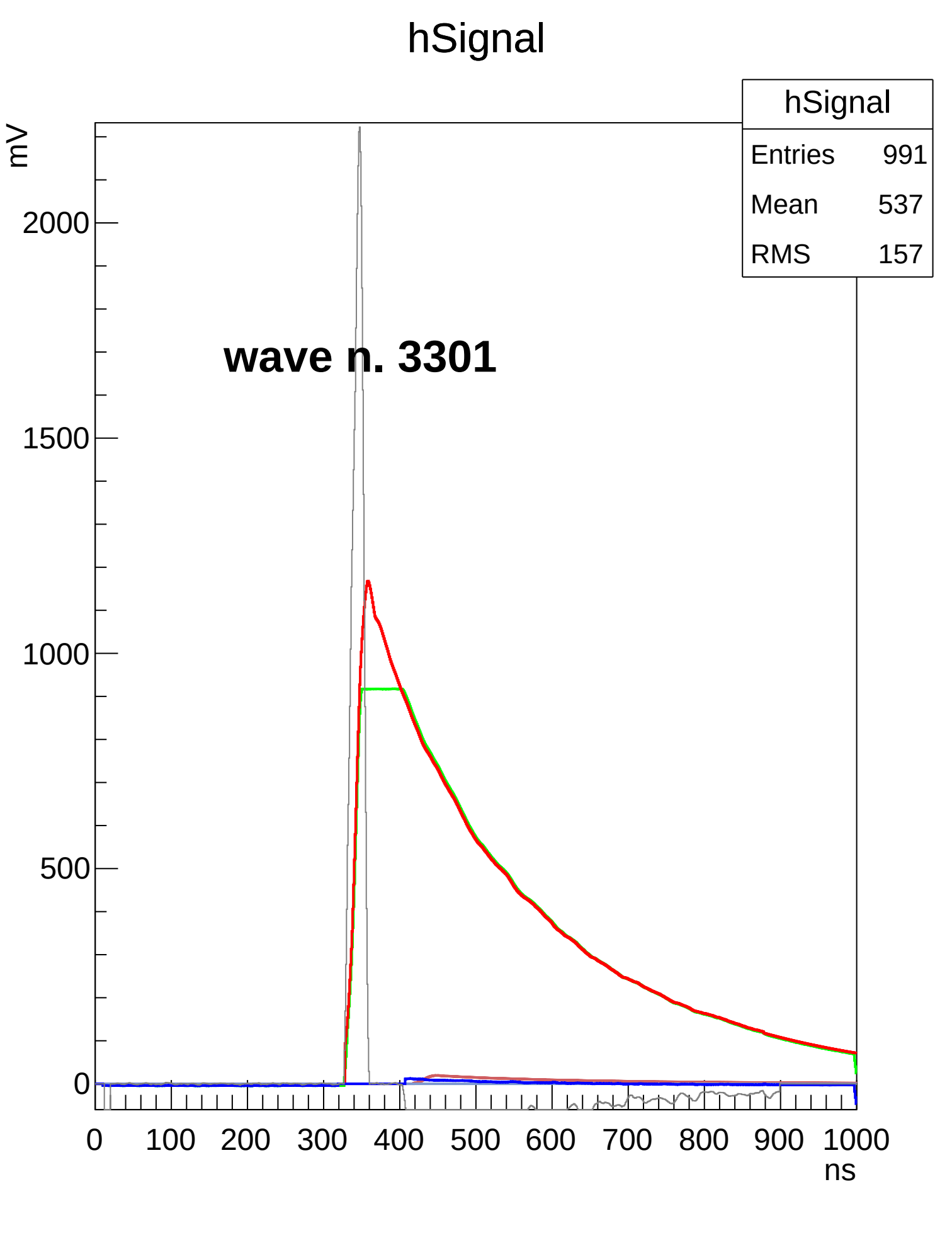

hSignal
hSignal
Entries 991
Mean 509.6
RMS 160.9
wave n. 3296
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

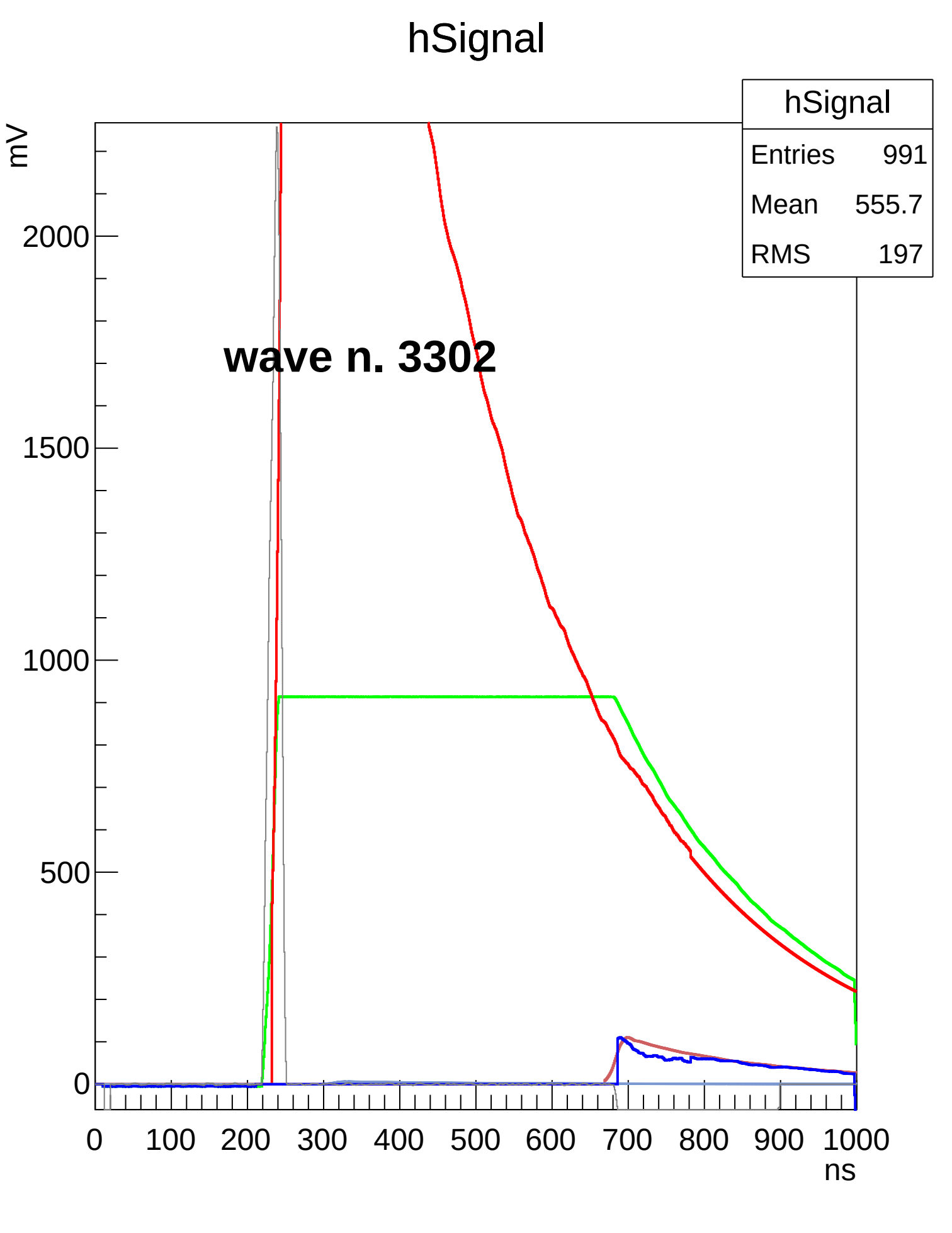

hSignal
hSignal
Entries 991
Mean 522.2
RMS 178.5
wave n. 3297
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

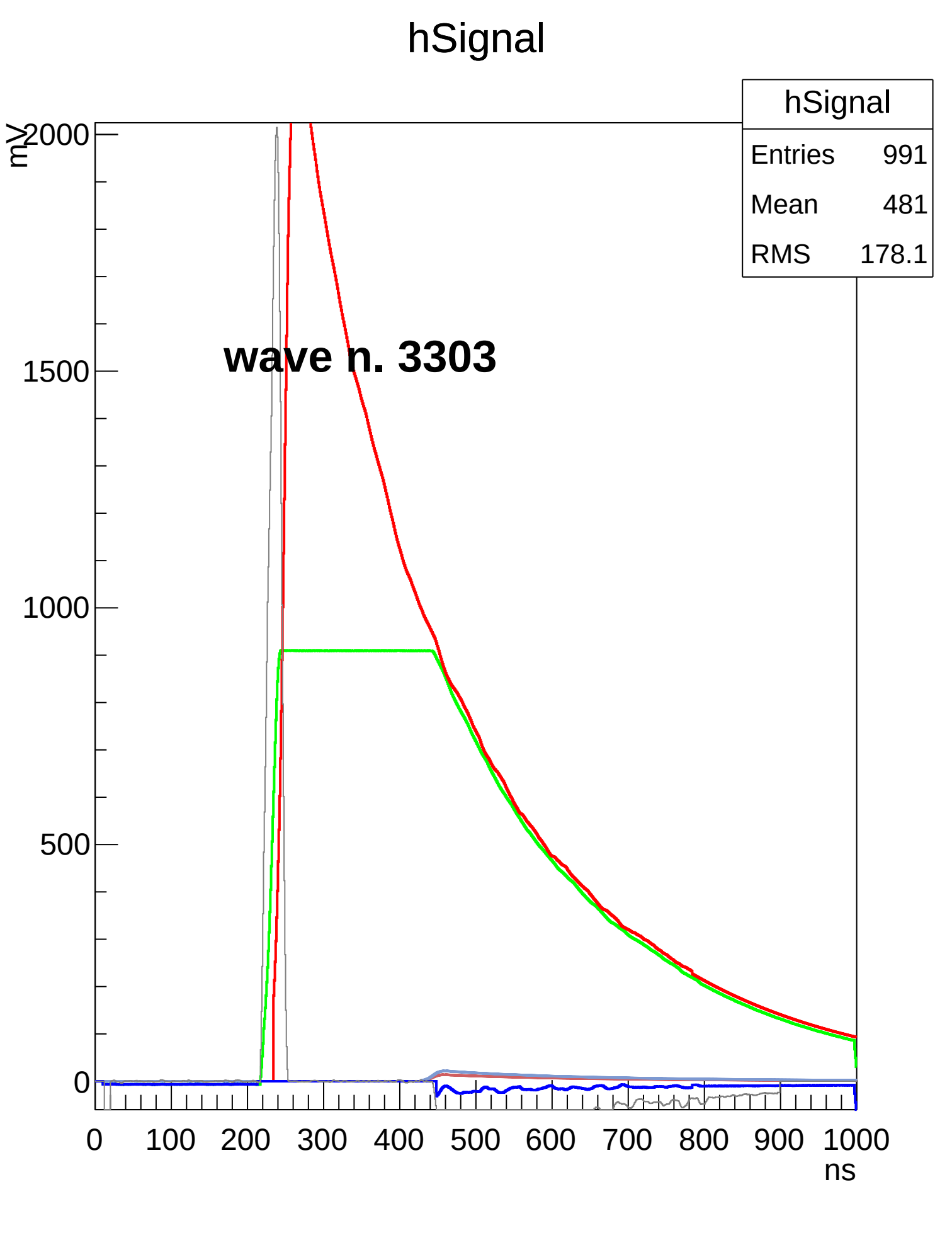

hSignal
hSignal
Entries 991
Mean 501.5
RMS 170.9
wave n. 3298
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 596.2
RMS 151.4
wave n. 3299
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 515.1
RMS 189.3
wave n. 3300
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 537
RMS 157
wave n. 3301
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 555.7
RMS 197
wave n. 3302
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 481
RMS 178.1
wave n. 3303
mV
2000
1500
1000
500
0
0
100
200
300
400
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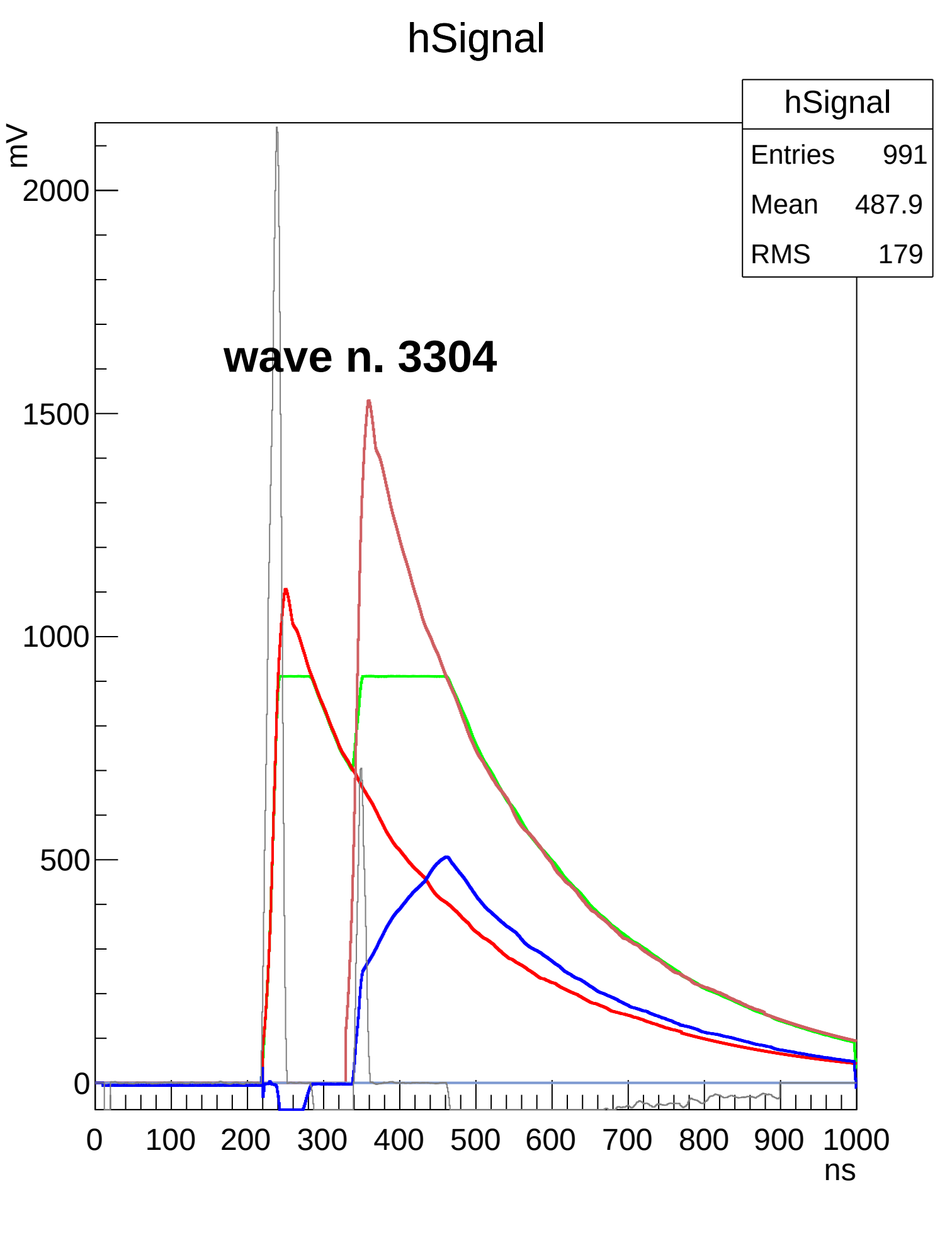
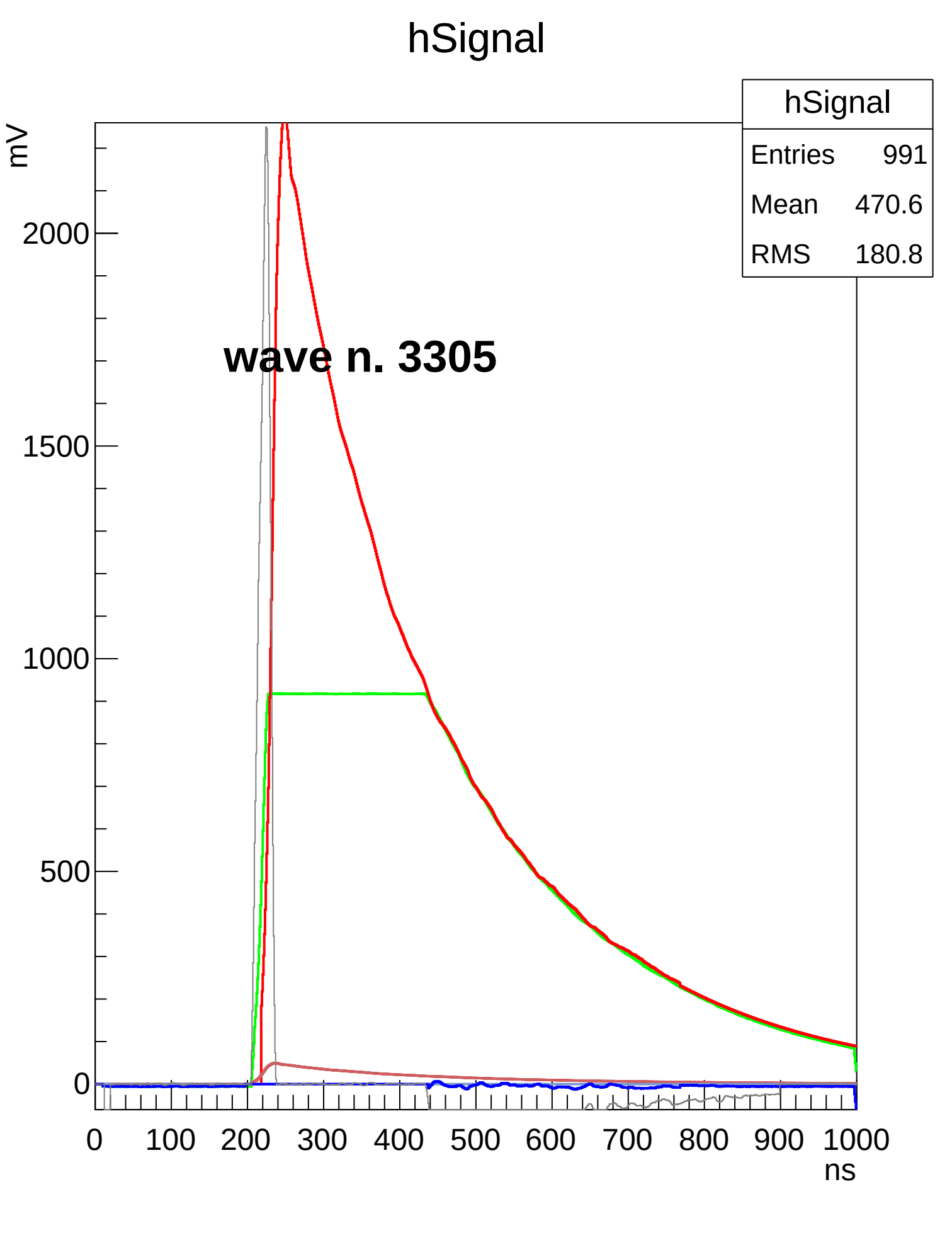
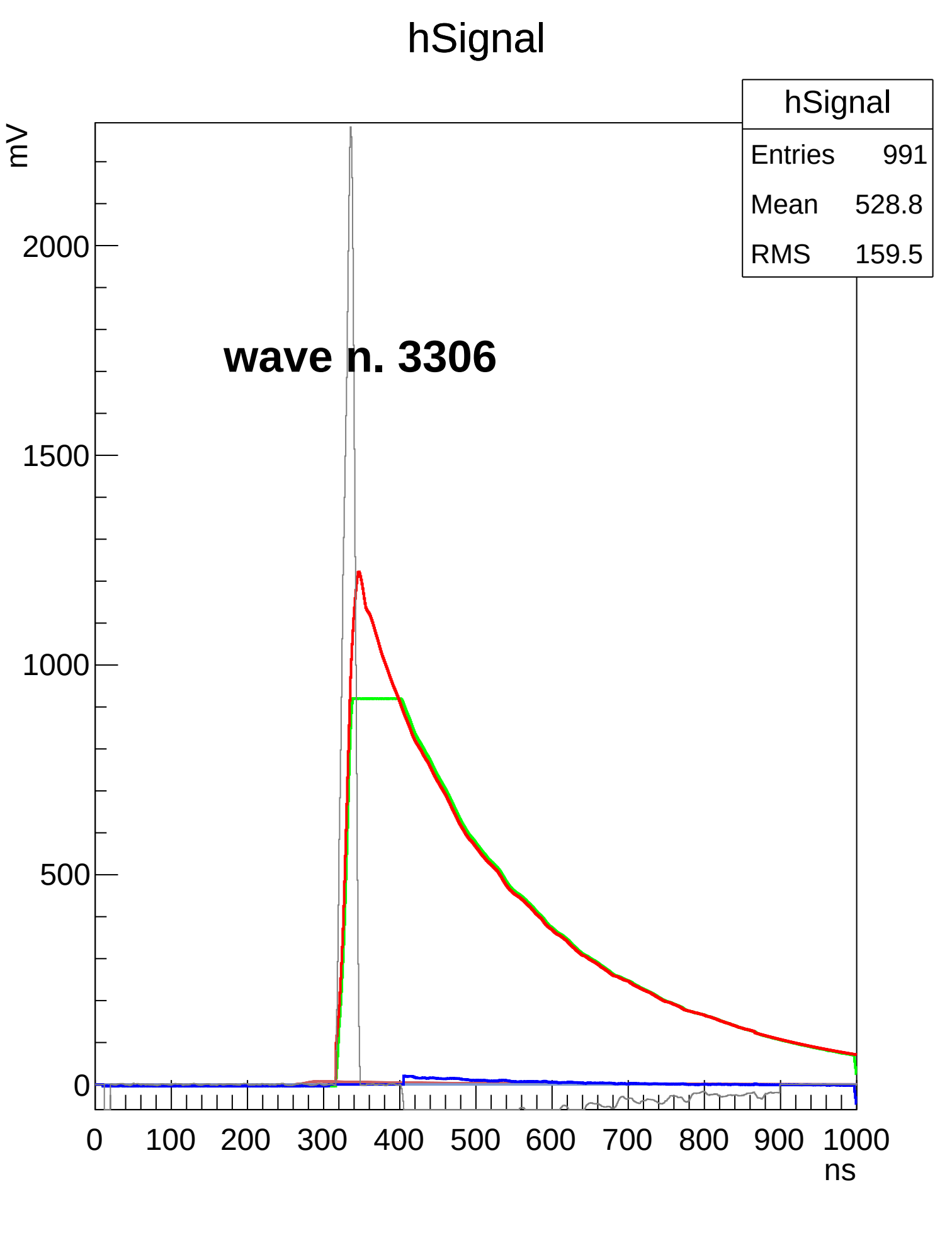
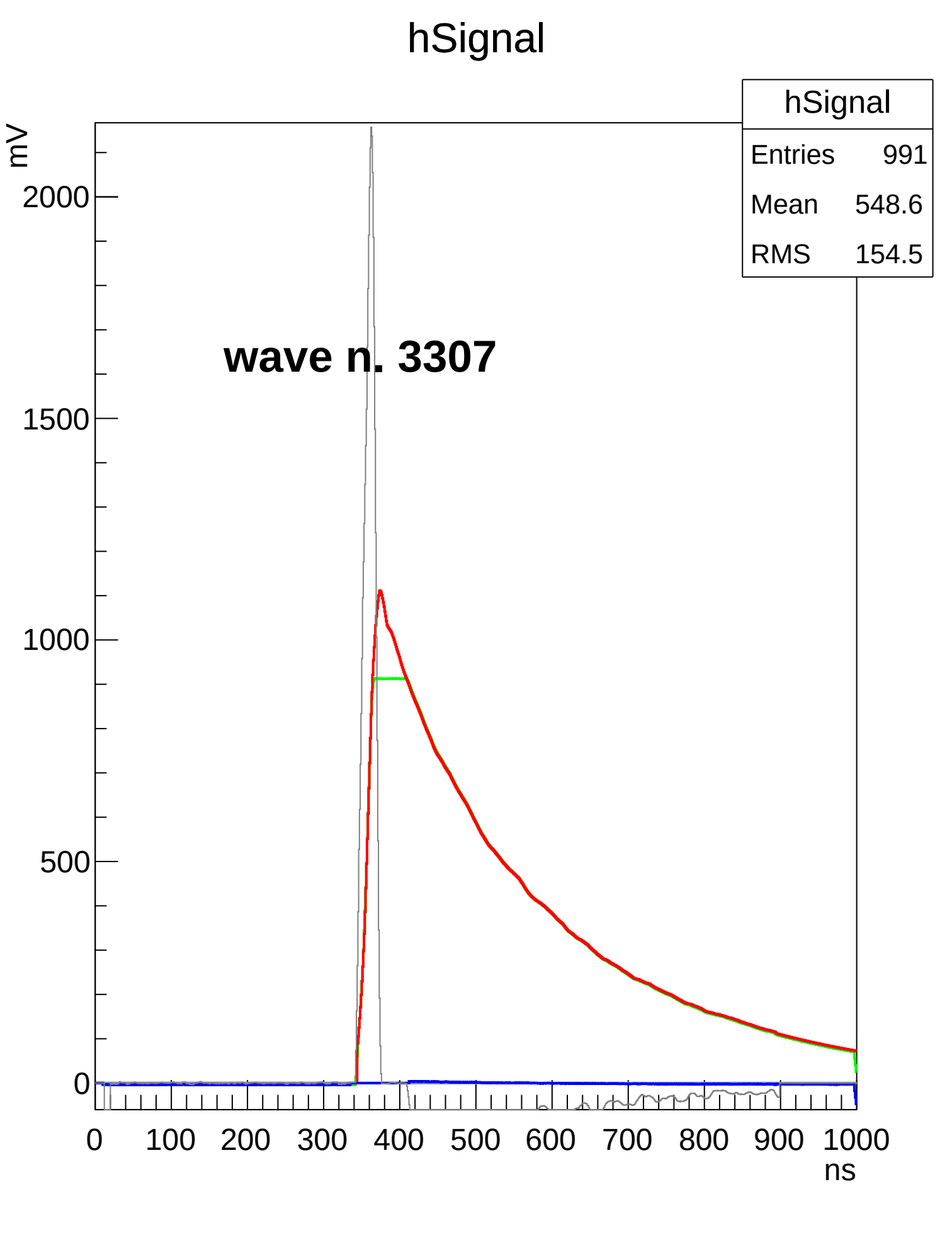
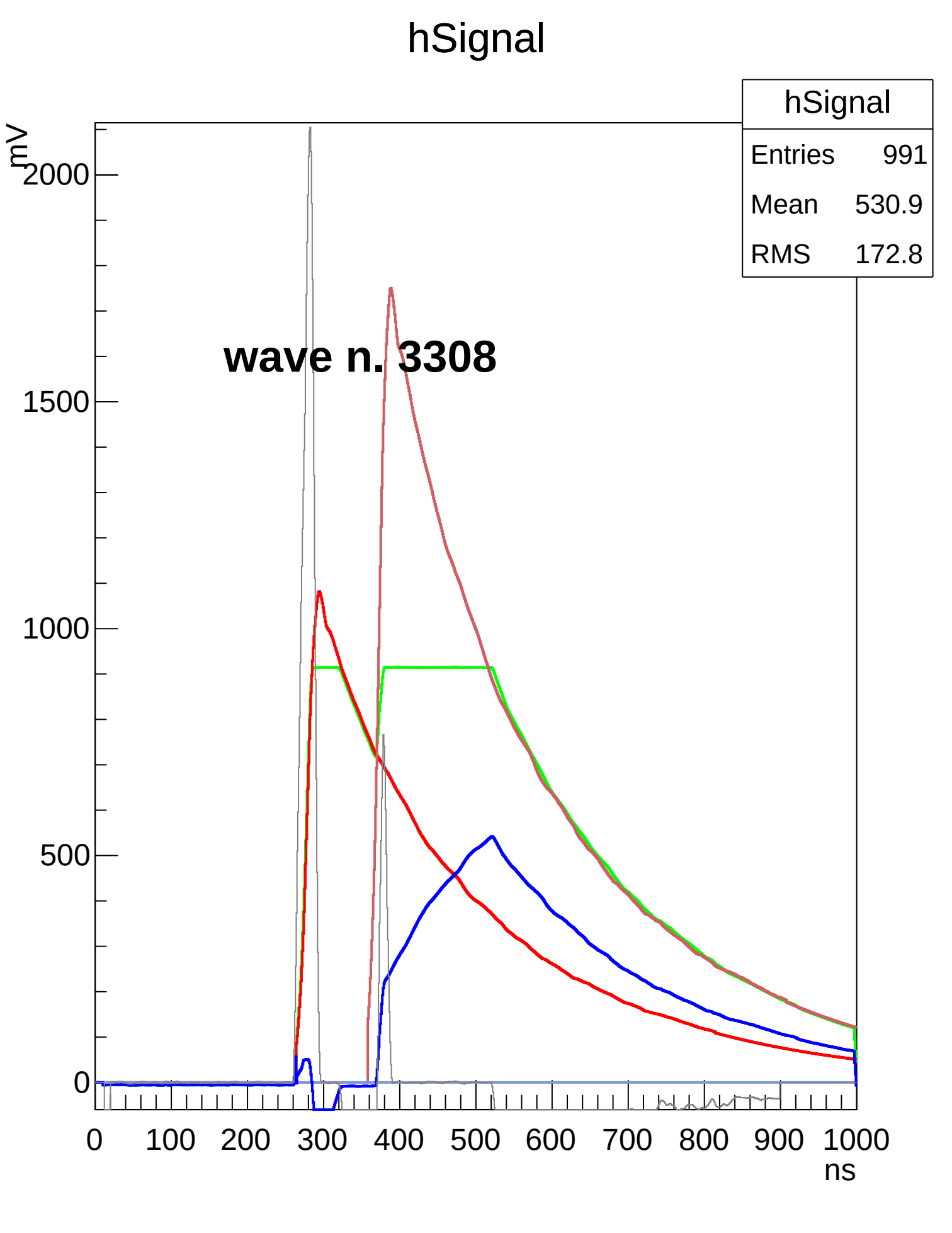
600
700
800
900
1000
ns

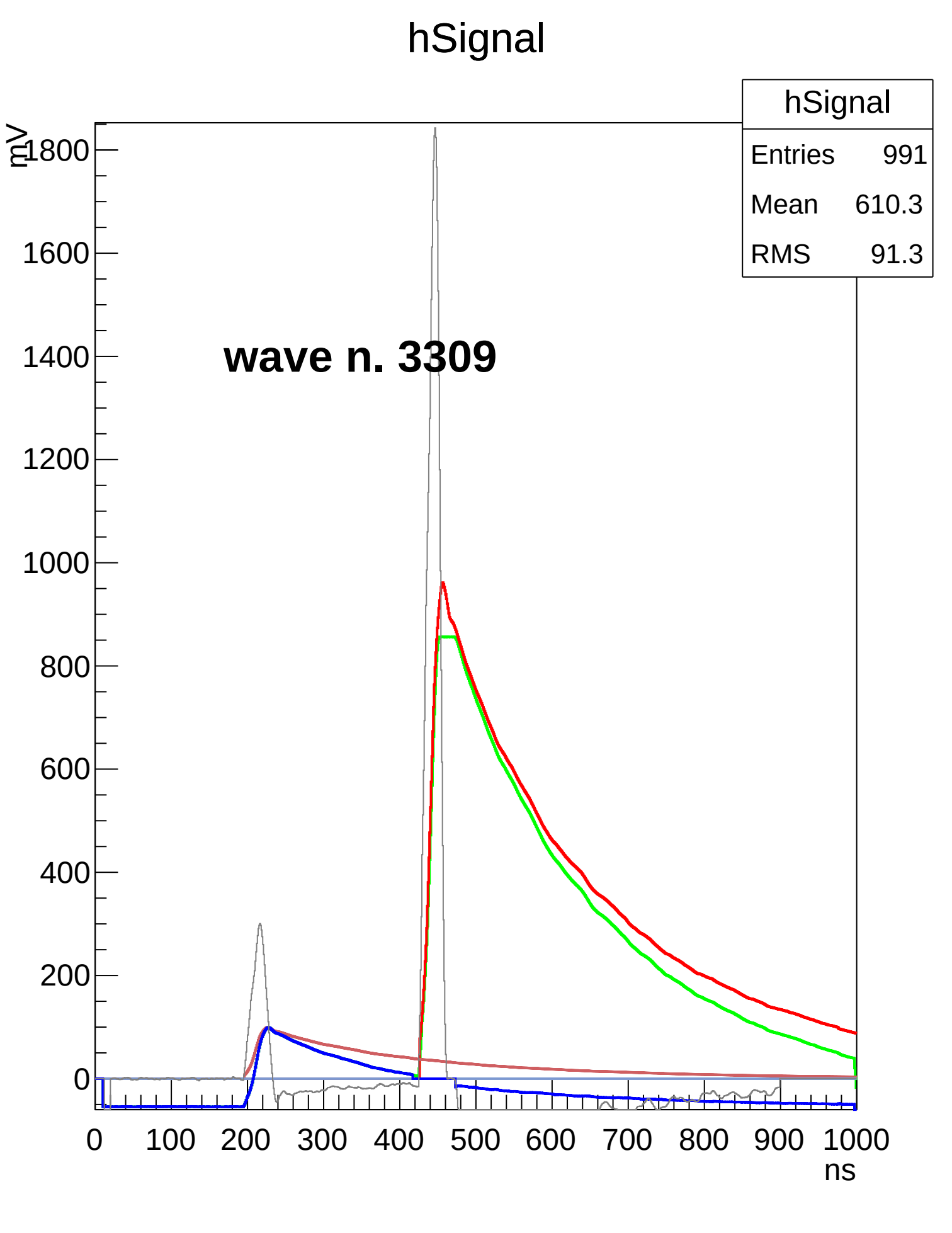

hSignal
hSignal
Entries 991
Mean 487.9
RMS 179
wave n. 3304
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

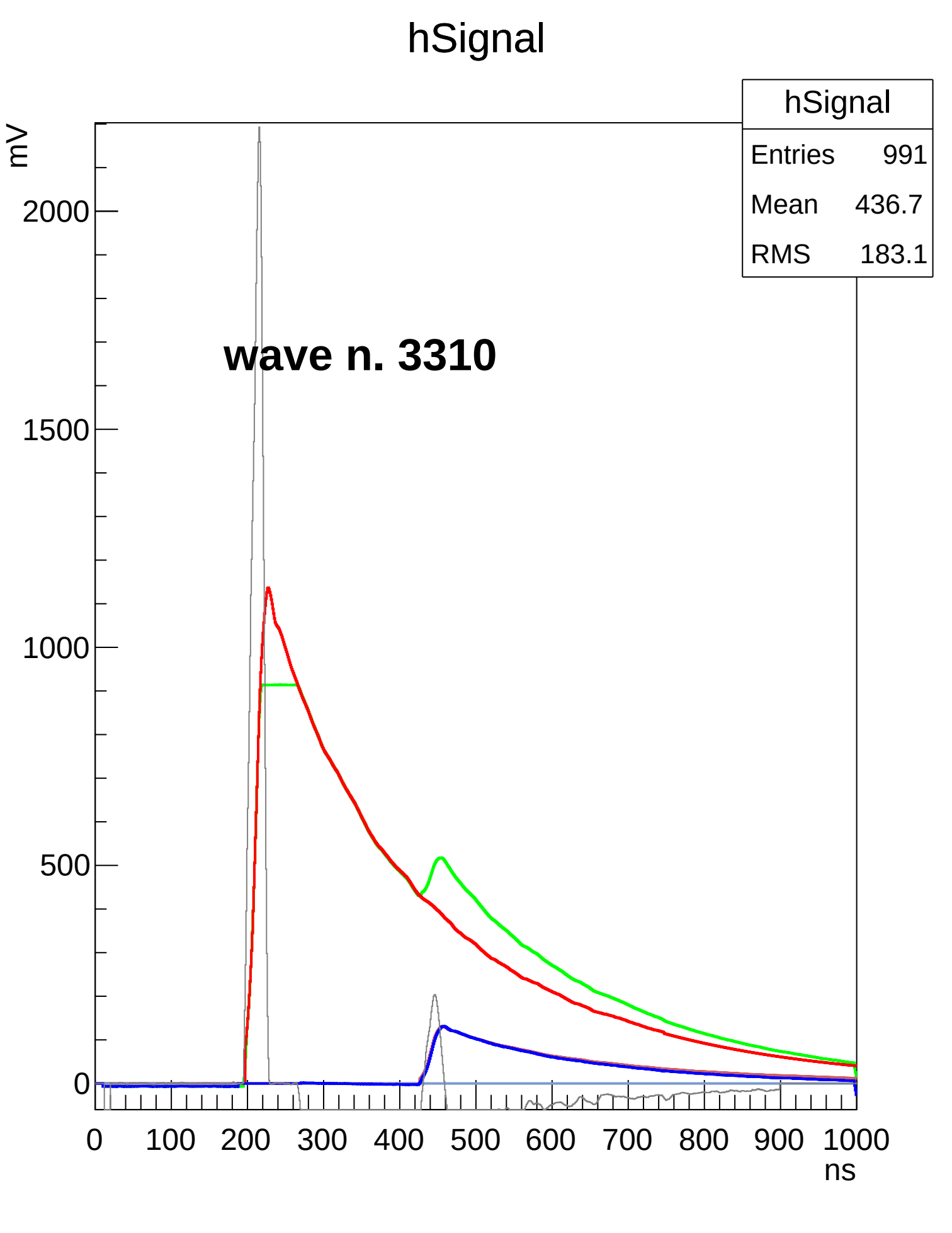

hSignal
hSignal
Entries 991
Mean 470.6
RMS 180.8
wave n. 3305
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

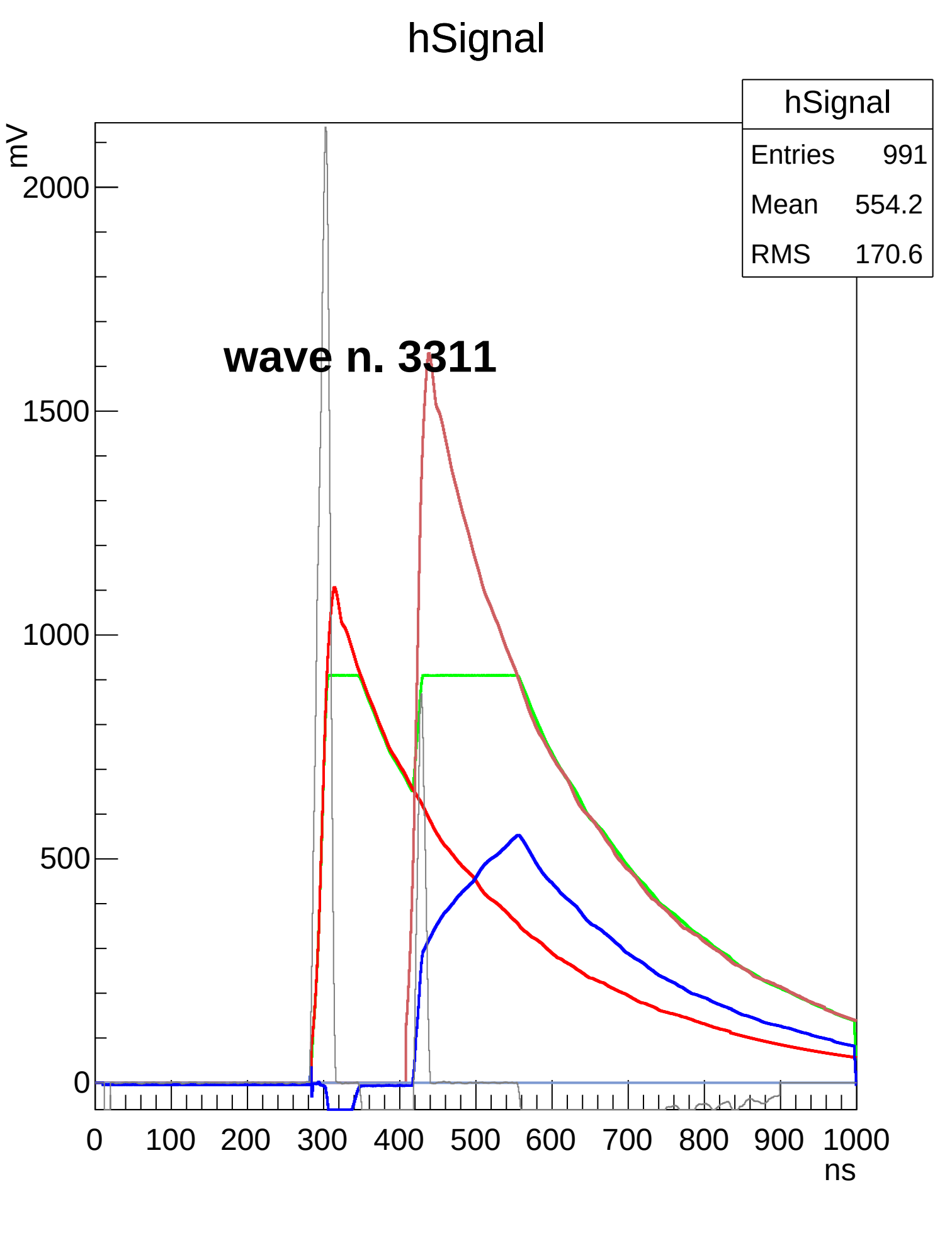

hSignal
hSignal
Entries 991
Mean 528.8
RMS 159.5
wave n. 3306
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 548.6
RMS 154.5
wave n. 3307
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.9
RMS 172.8
wave n. 3308
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 610.3
RMS 91.3
wave n. 3309
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 436.7
RMS 183.1
wave n. 3310
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 554.2
RMS 170.6
wave n. 3311
mV
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1500
1000
500
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400
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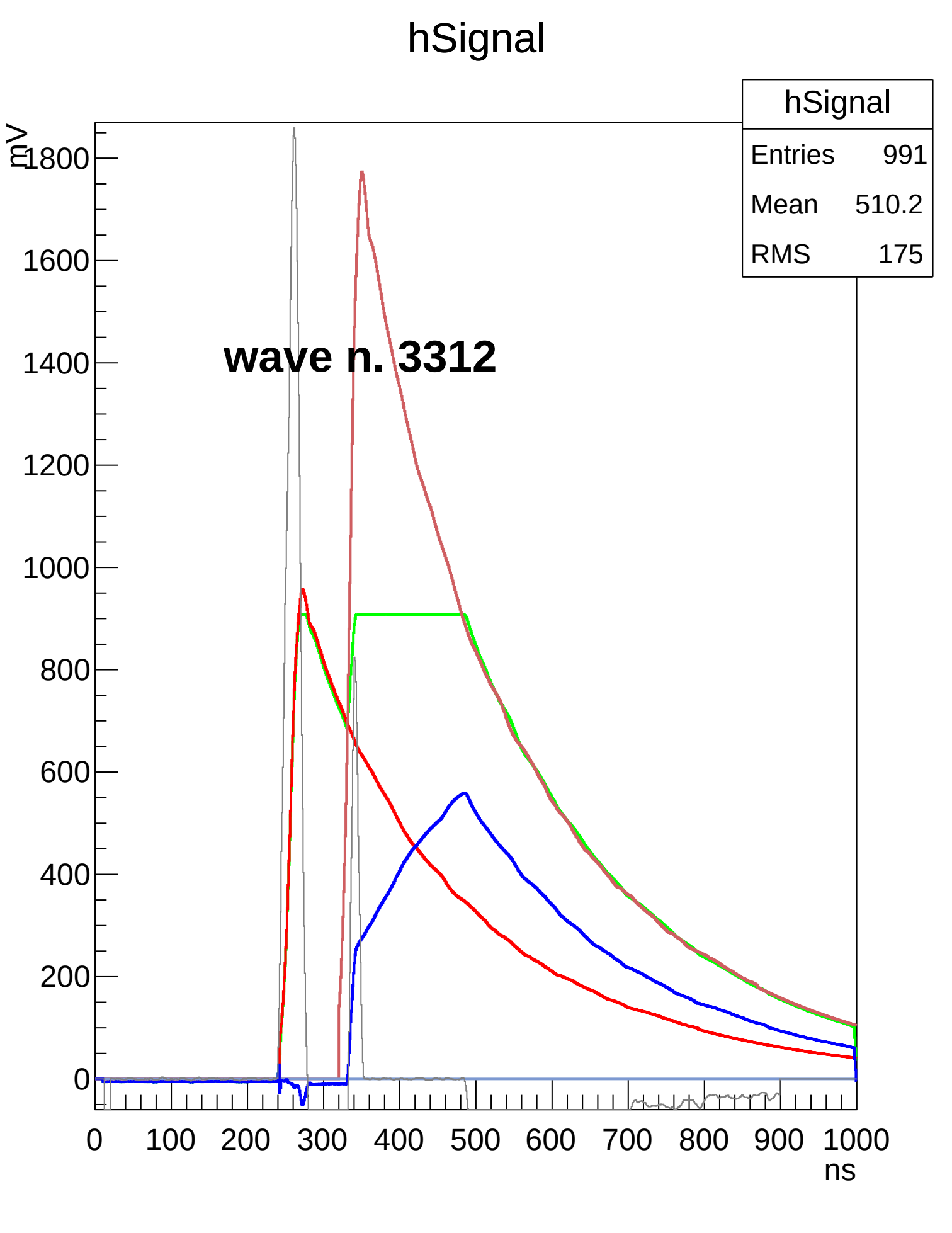
700
800
900
1000
ns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hSignal
Entries 991
Mean 510.2
RMS 175
wave n. 3312
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1600
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1000
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400
200
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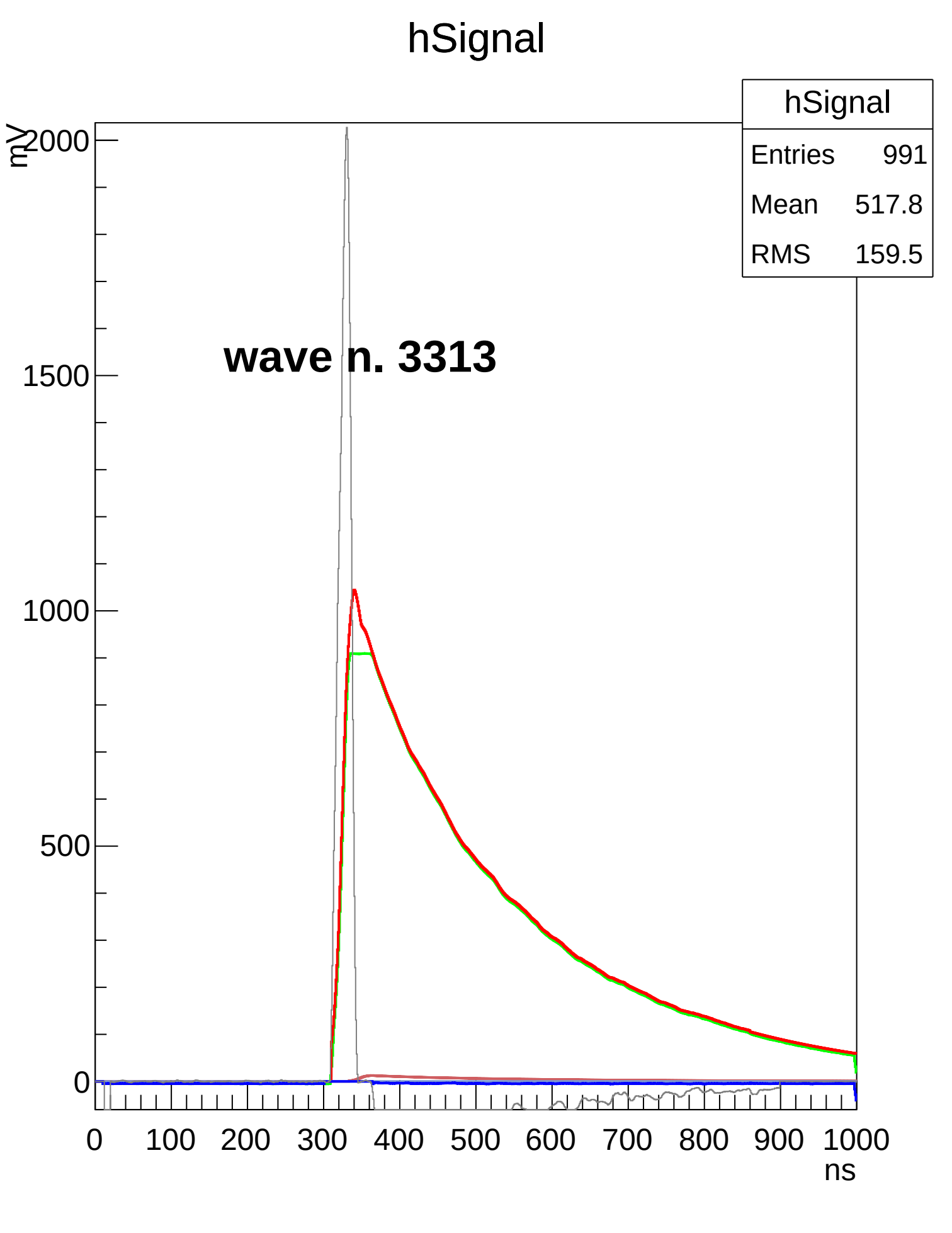
ns


hSignal
hSignal
Entries 991
Mean 517.8
RMS 159.5
wave n. 3313
mV
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1500
1000
500
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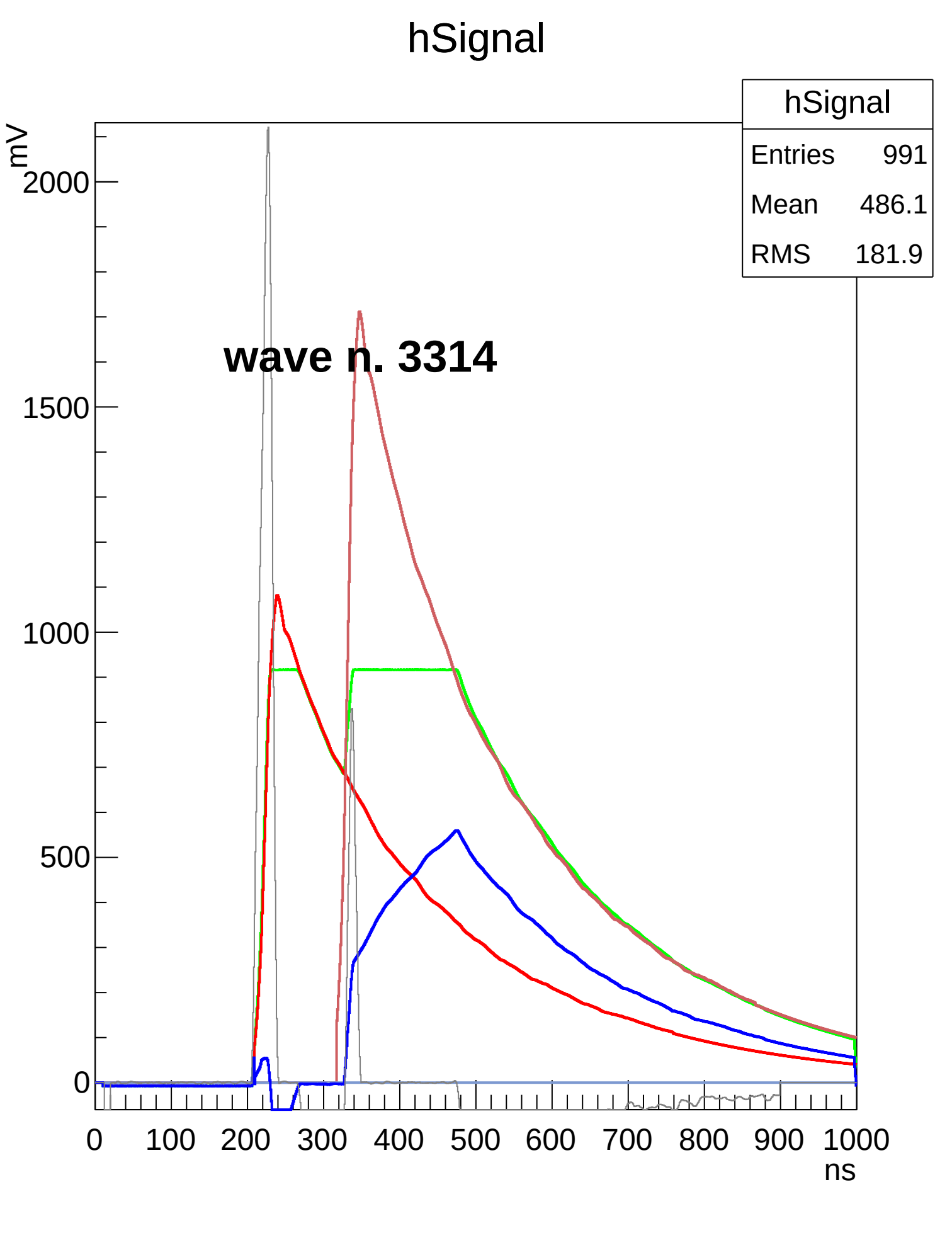
ns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hSignal
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Mean 486.1
RMS 181.9
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0
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400
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800
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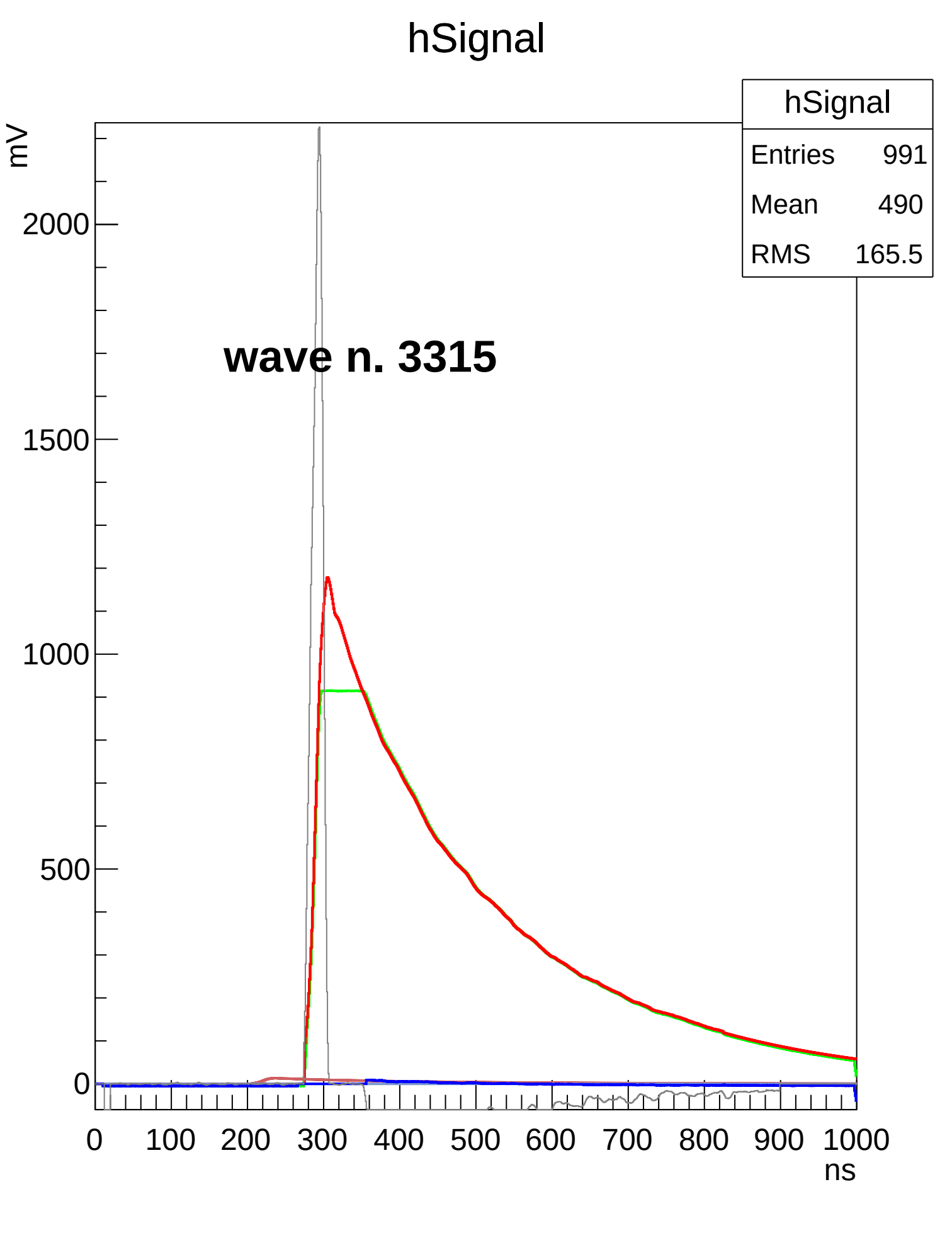
1000
ns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hSignal
Entries 991
Mean 490
RMS 165.5
wave n. 3315
mV
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1500
1000
500
0
0
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200
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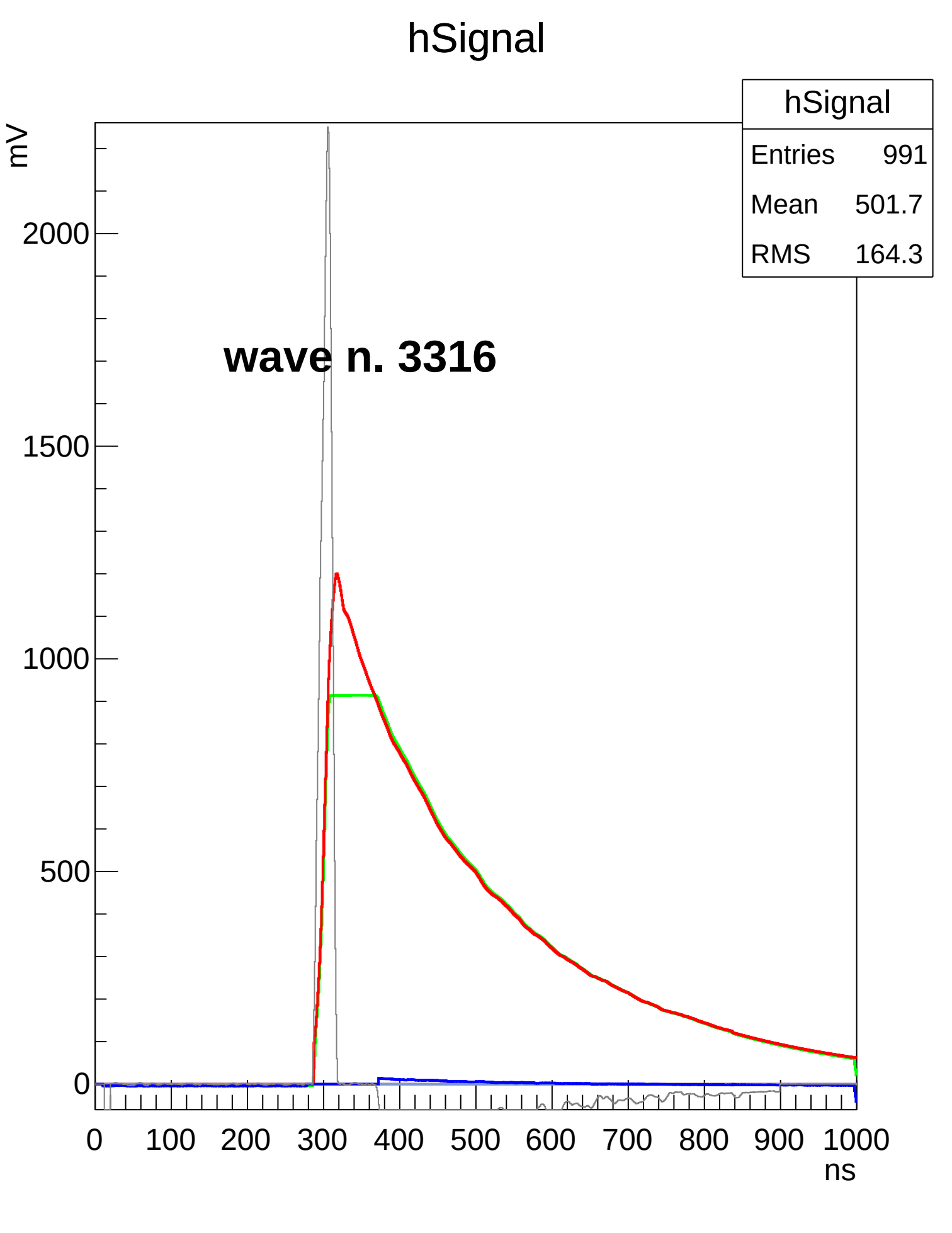
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 501.7
RMS 164.3
wave n. 3316
mV
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1500
1000
500
0
0
100
200
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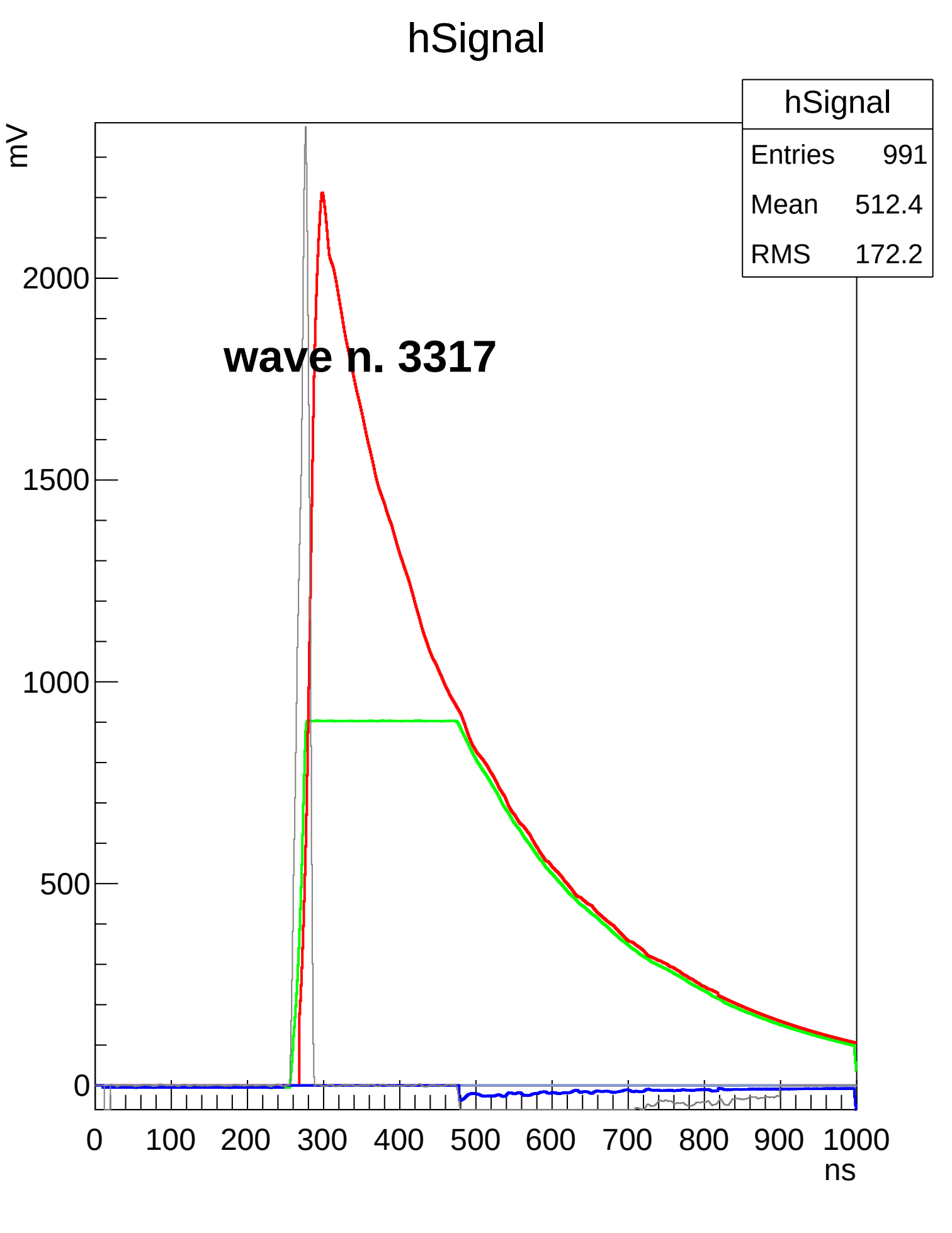
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.4
RMS 172.2
wave n. 3317
mV
2000
1500
1000
500
0
0
100
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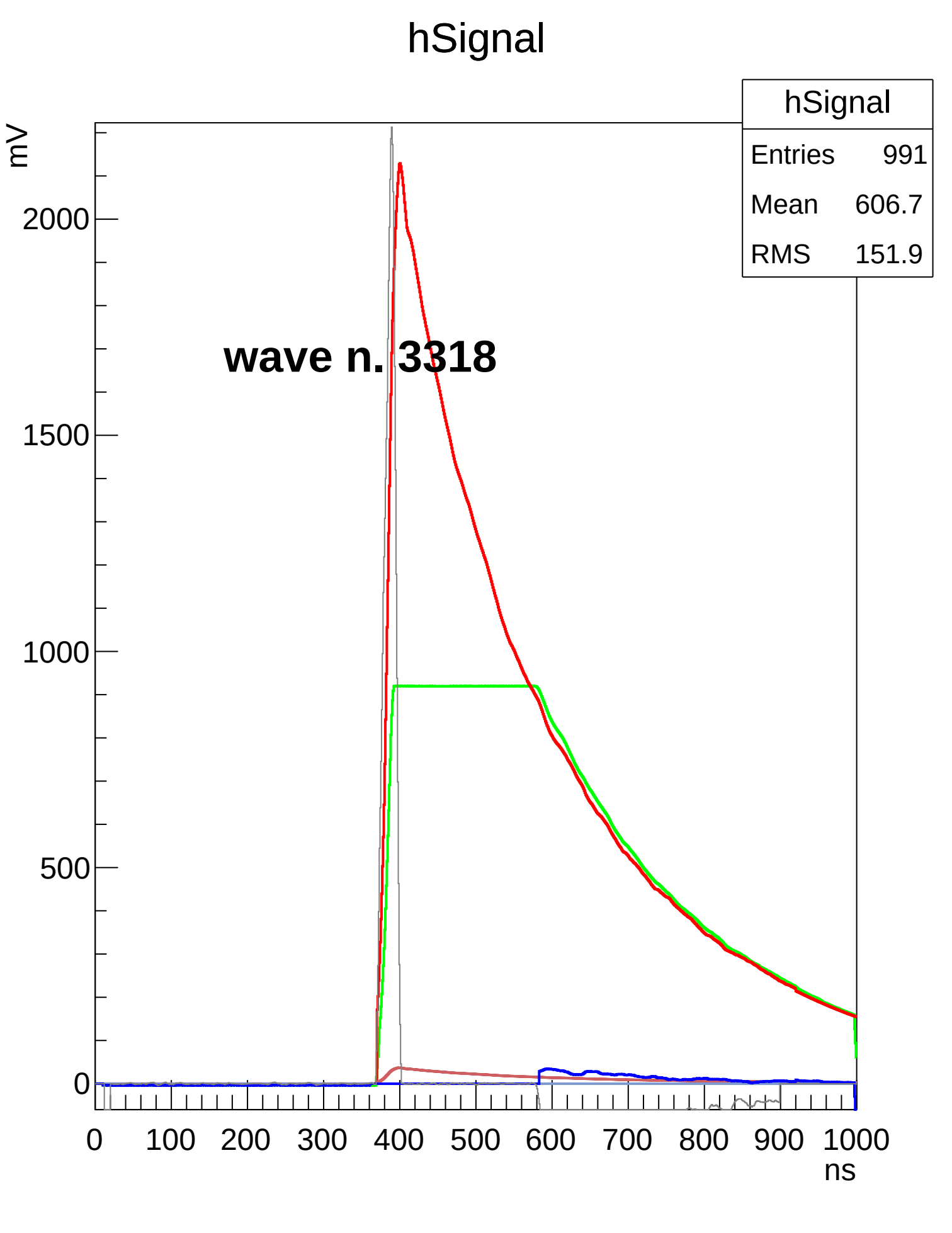
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 606.7
RMS 151.9
wave n. 3318
mV
2000
1500
1000
500
0
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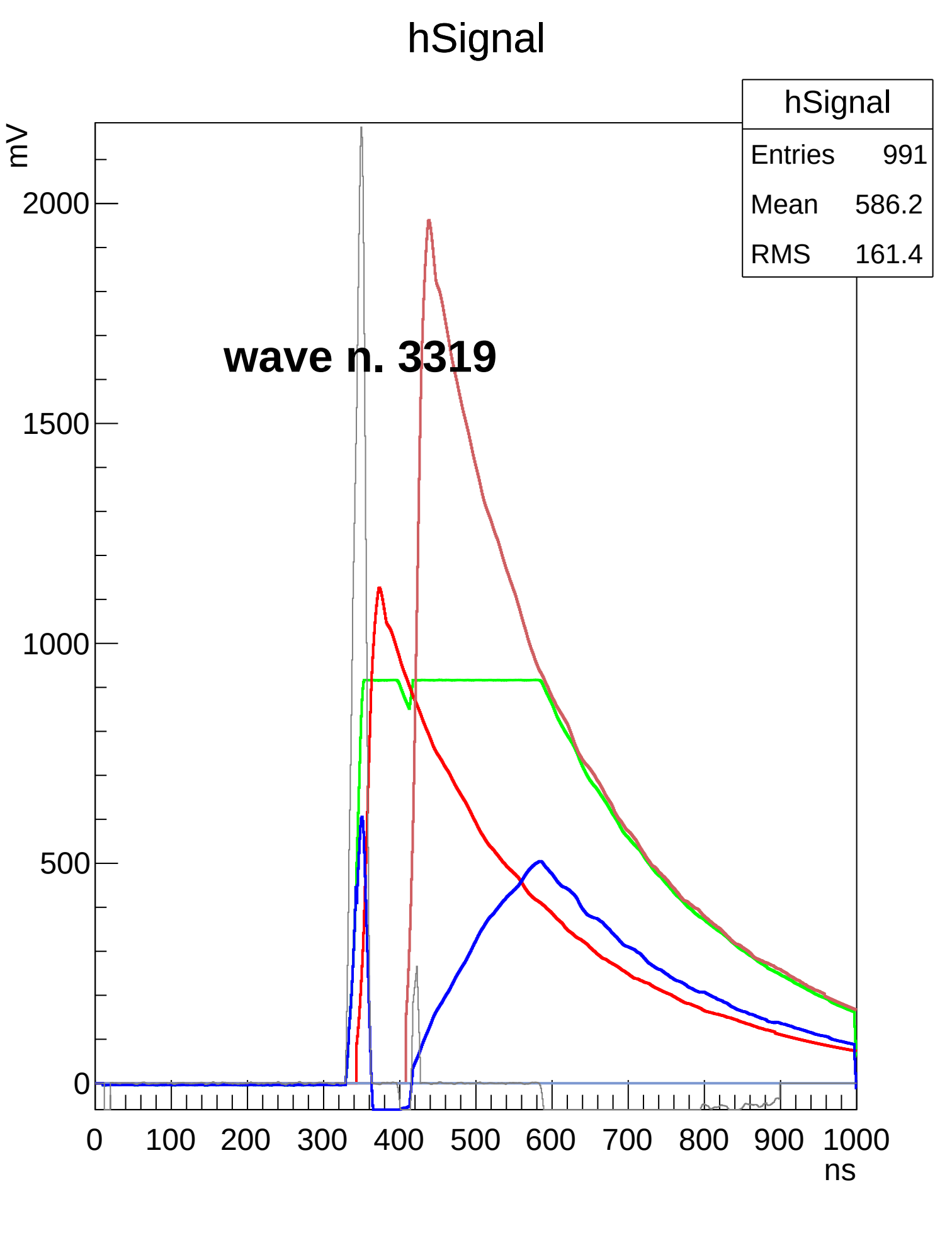
ns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hSignal
Entries 991
Mean 586.2
RMS 161.4
wave n. 3319
mV
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1500
1000
500
0
0
100
200
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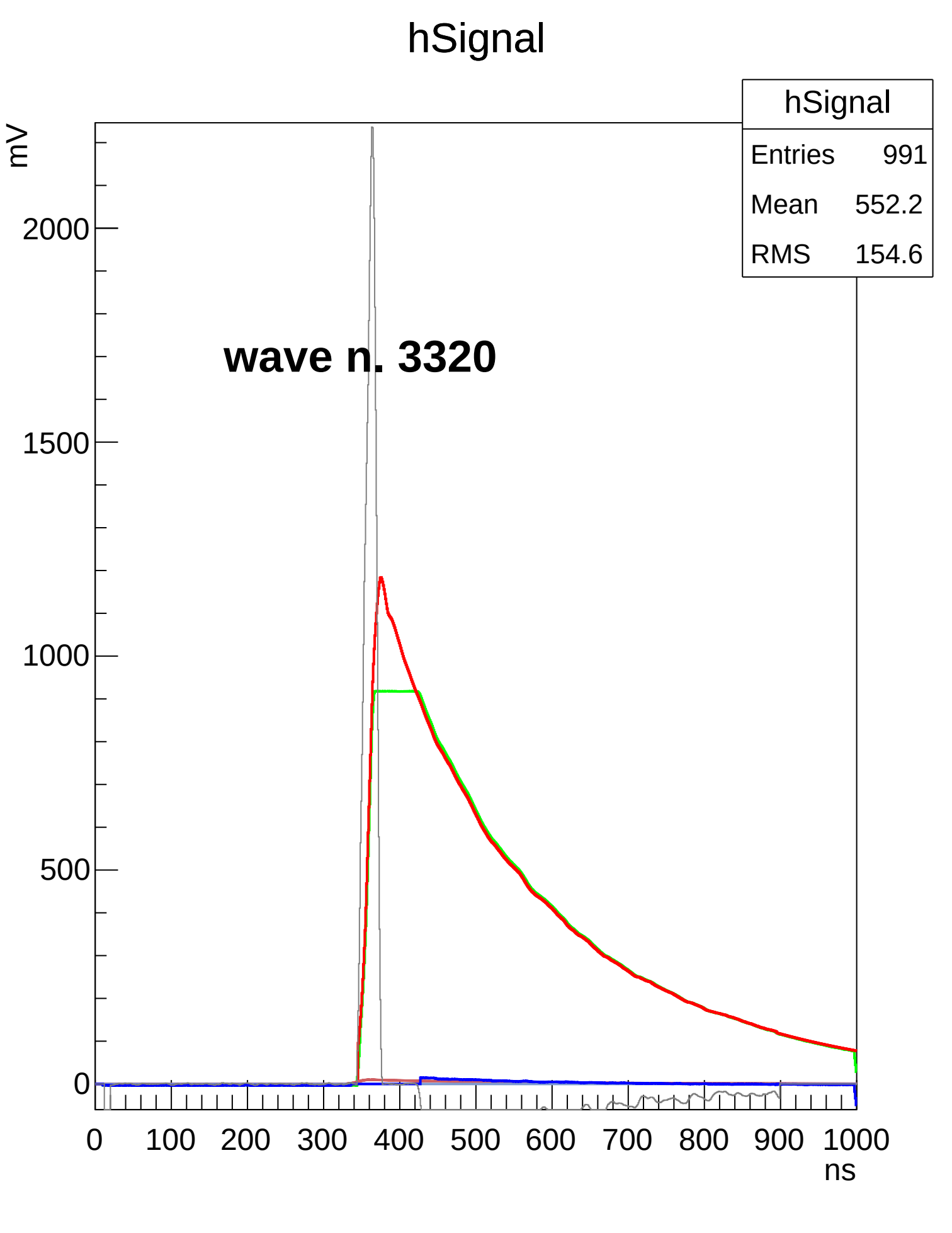
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 552.2
RMS 154.6
wave n. 3320
mV
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1000
500
0
0
100
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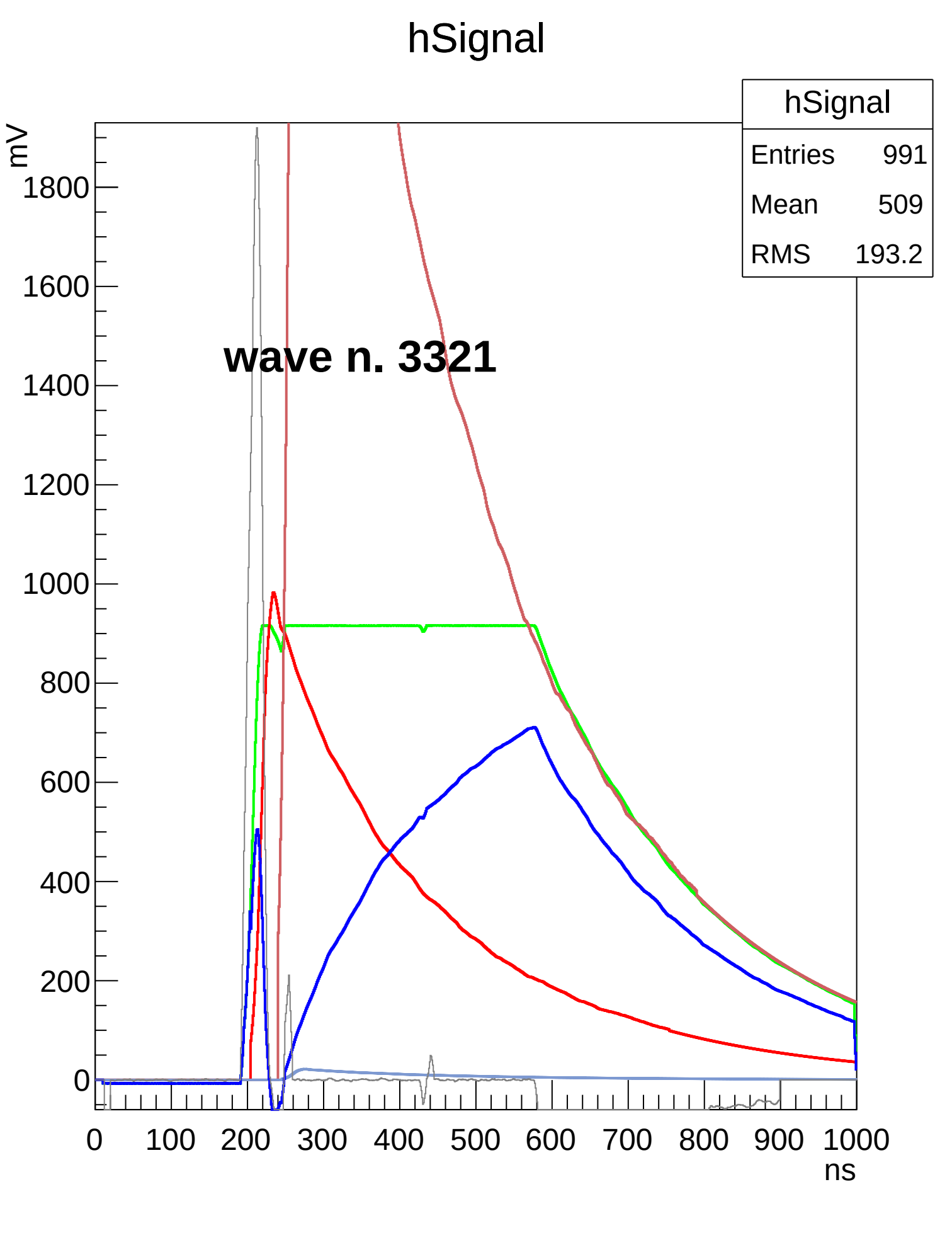
800
900
1000
ns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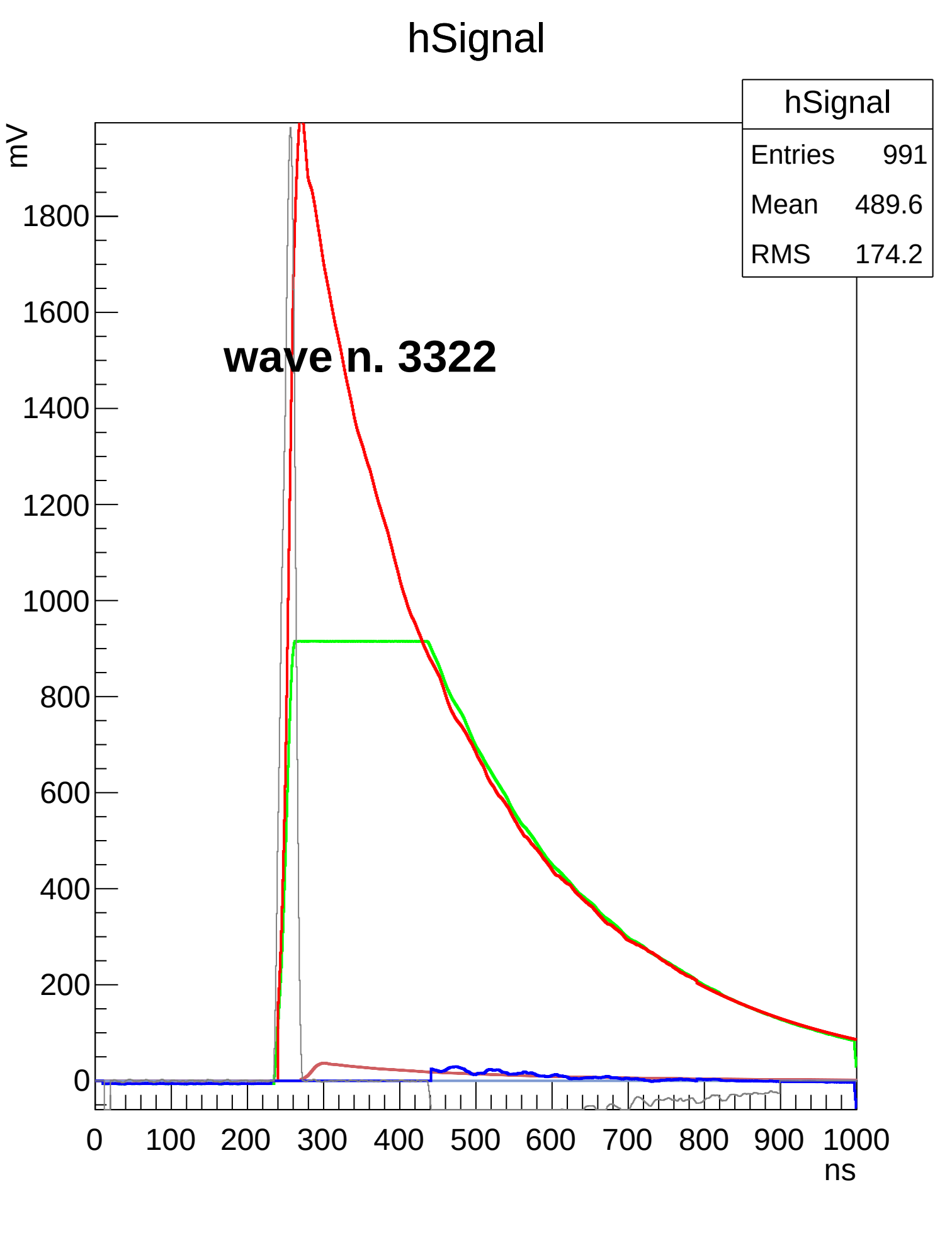
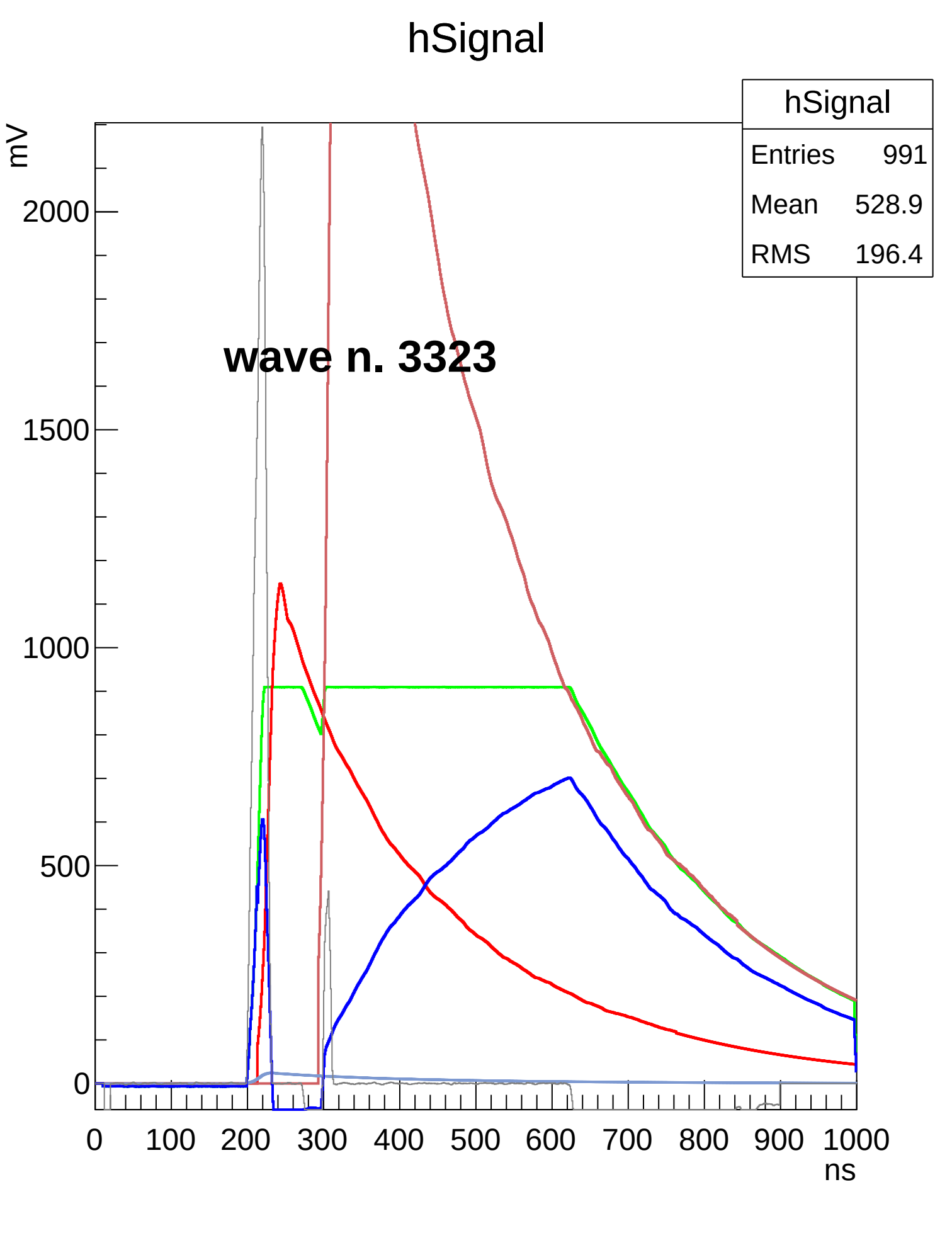
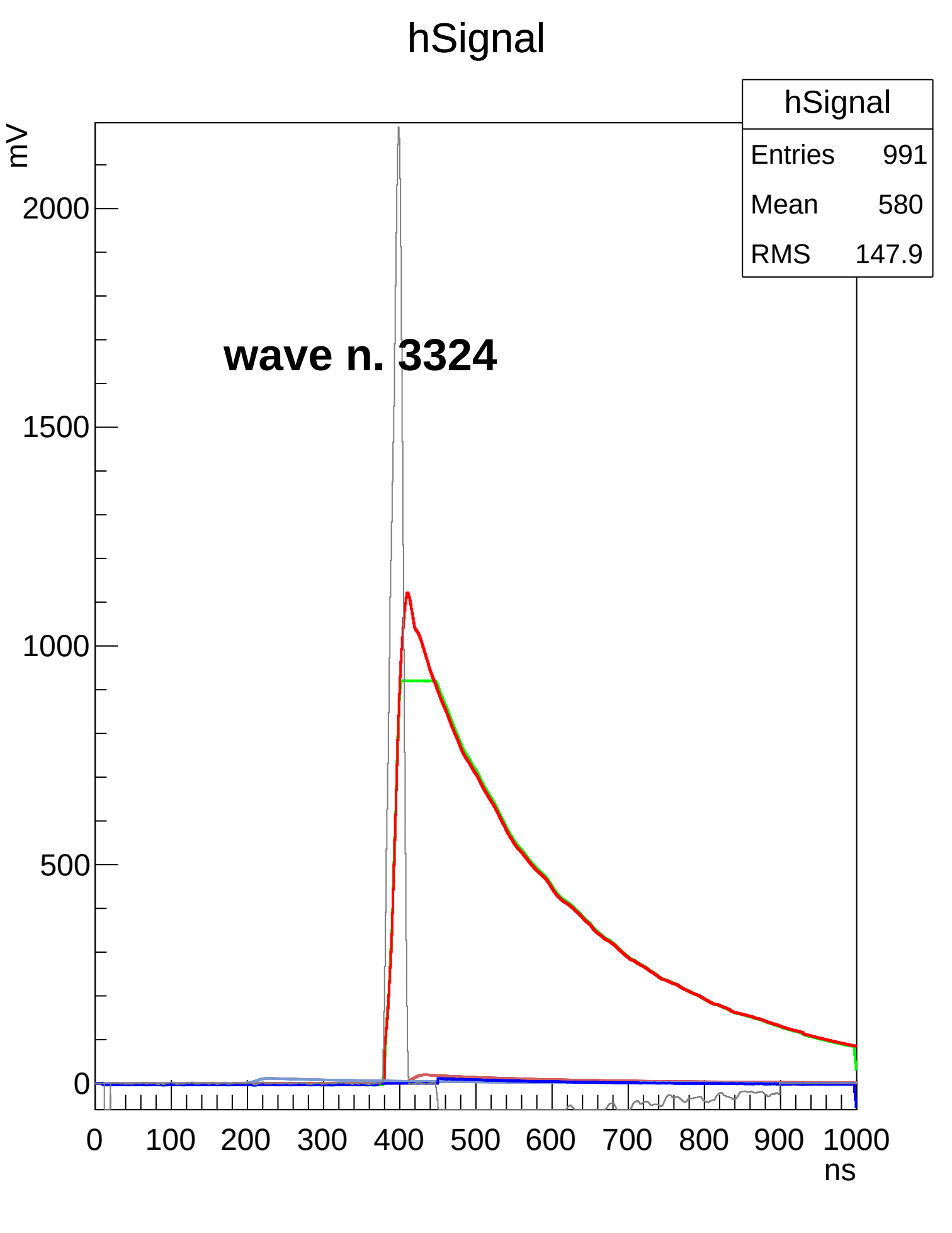
hSignal
Entries 991
Mean 509
RMS 193.2
wave n. 3321
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 489.6
RMS 174.2
wave n. 3322
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 528.9
RMS 196.4
wave n. 3323
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
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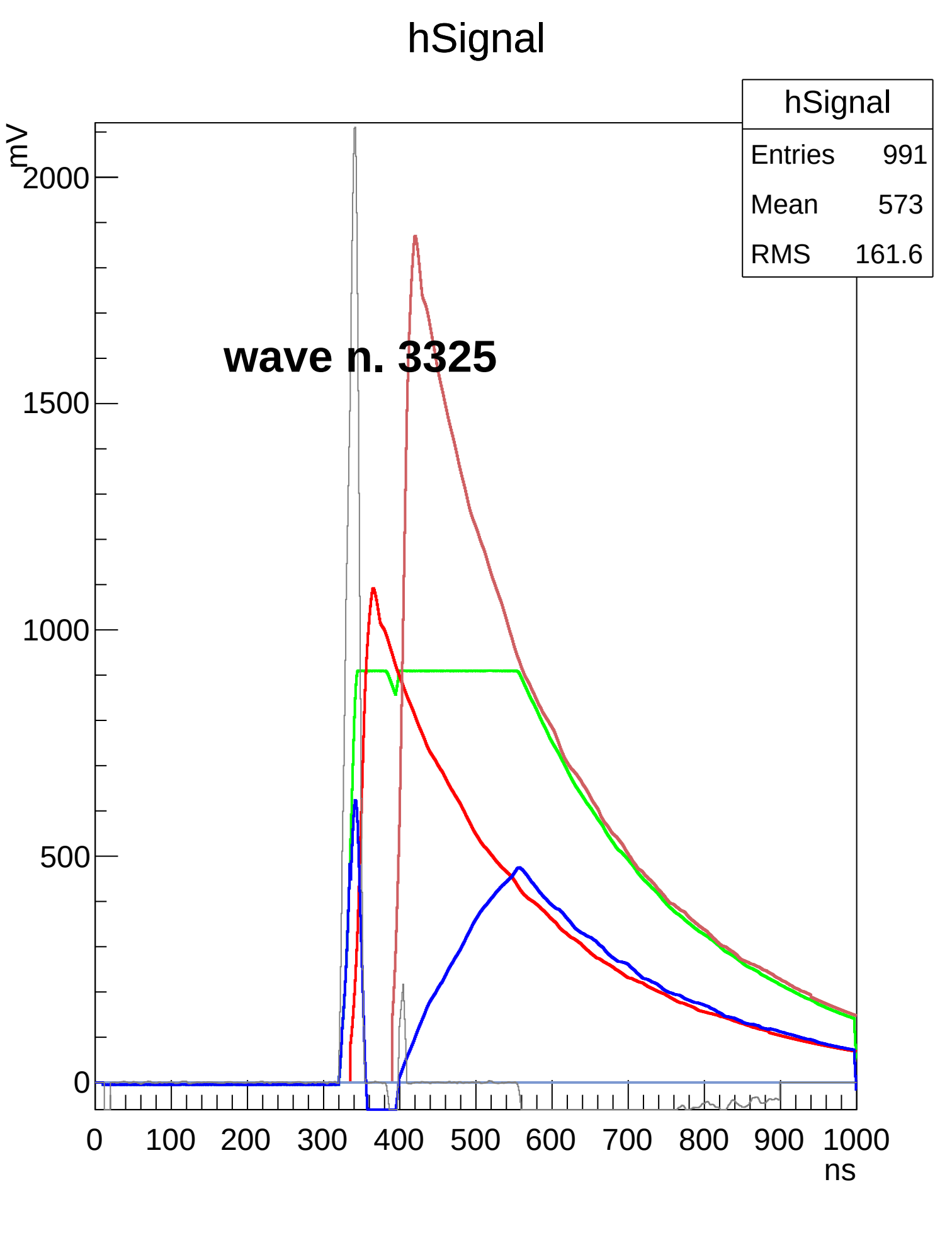
Entries 991
Mean 580
RMS 147.9
wave n. 3324
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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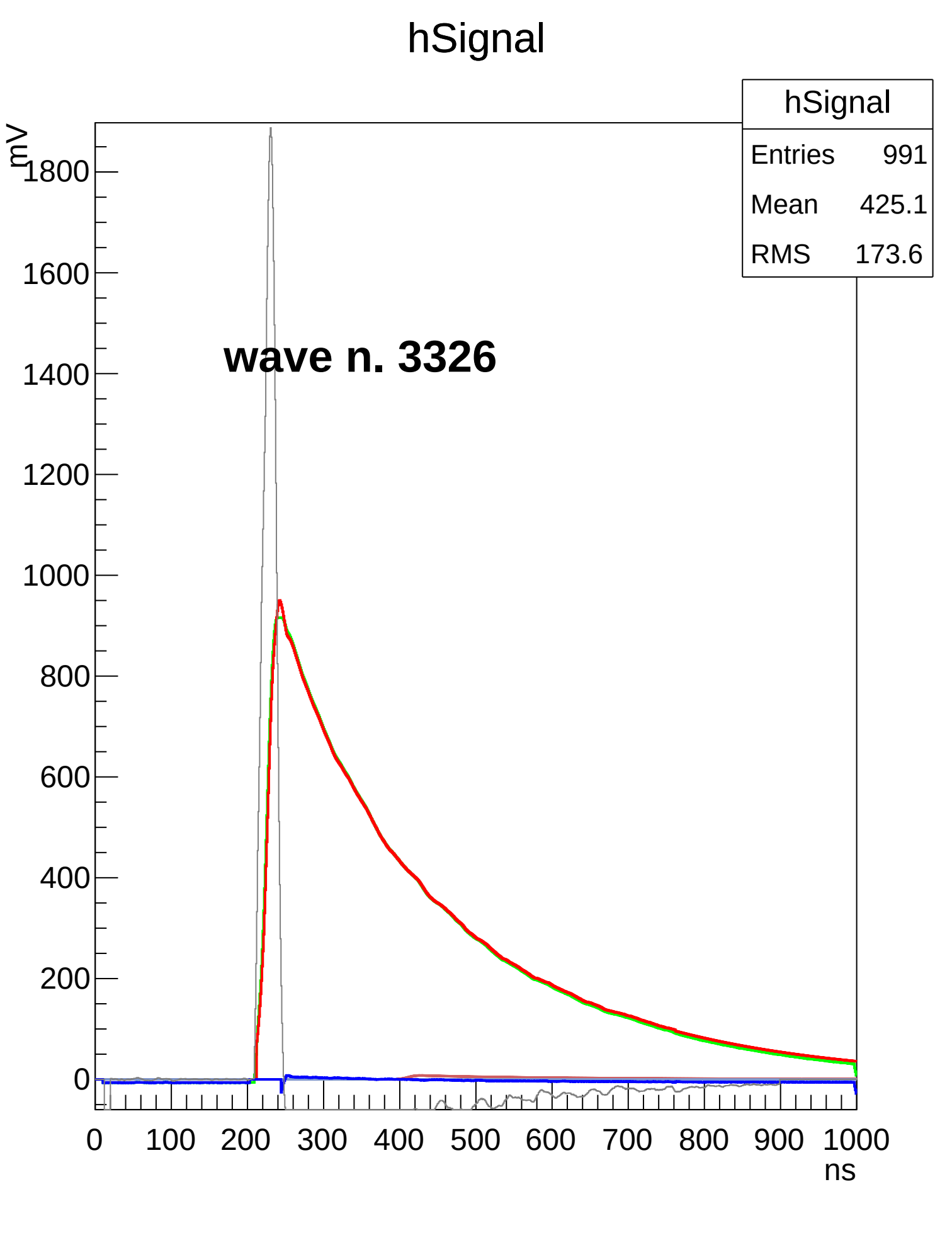
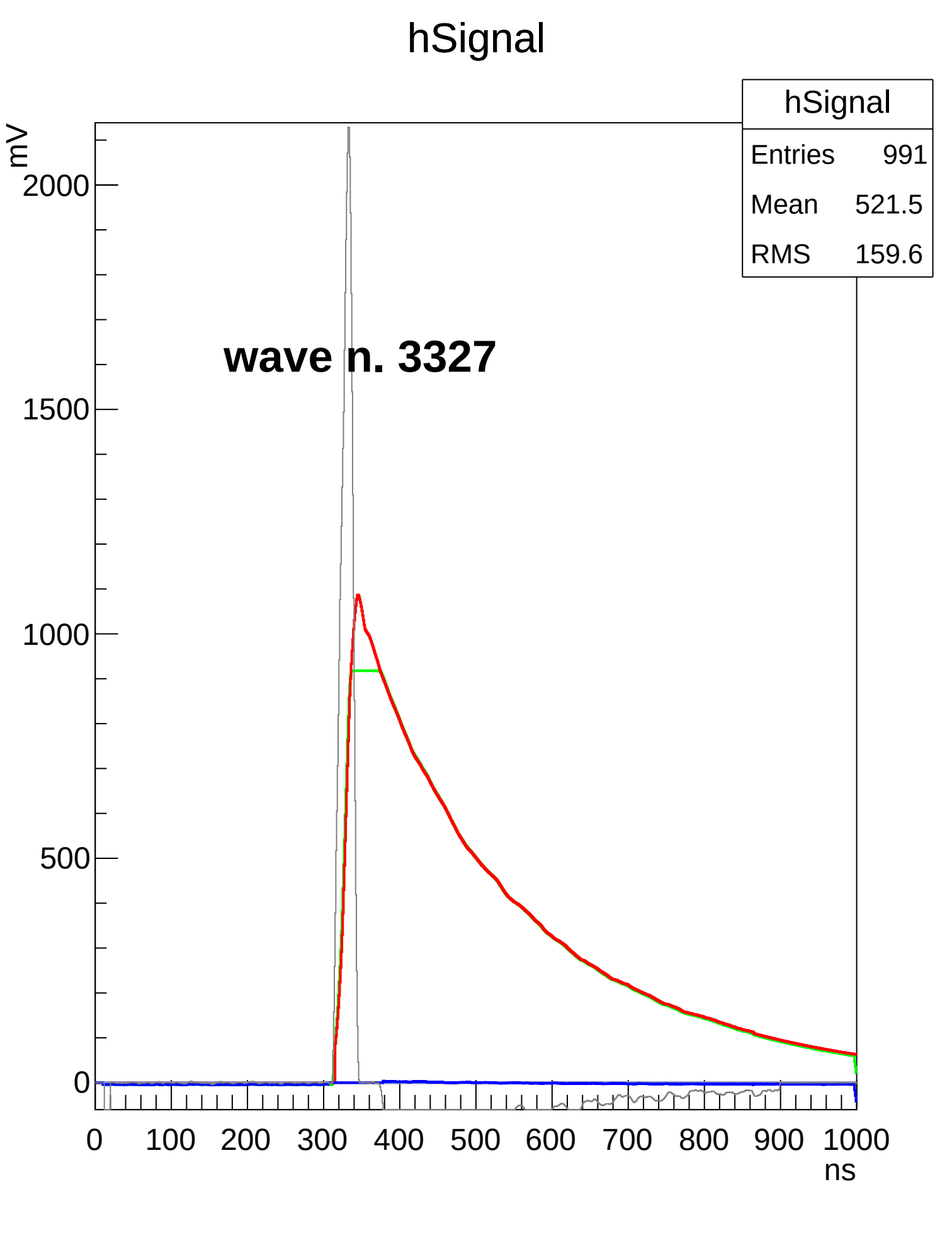
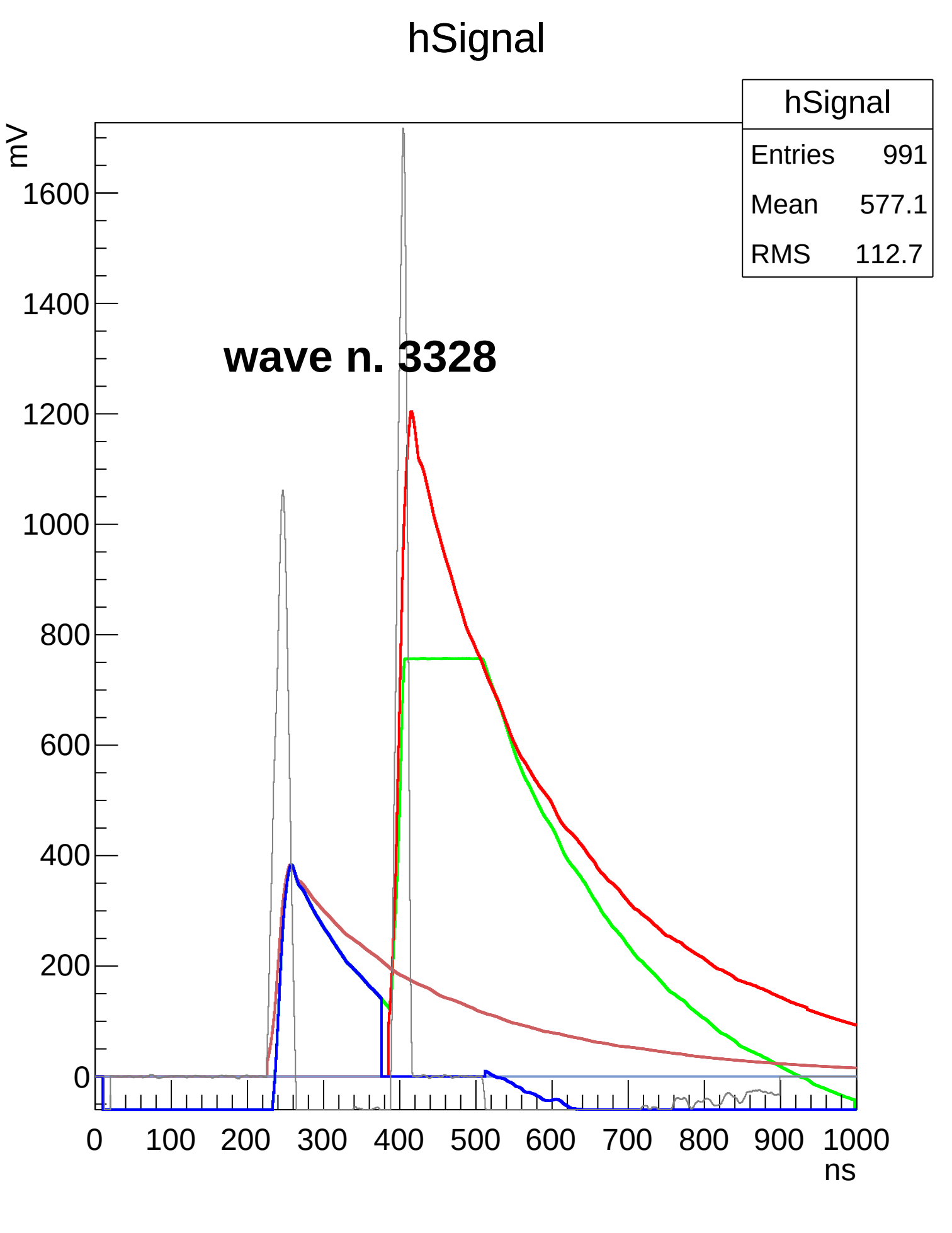
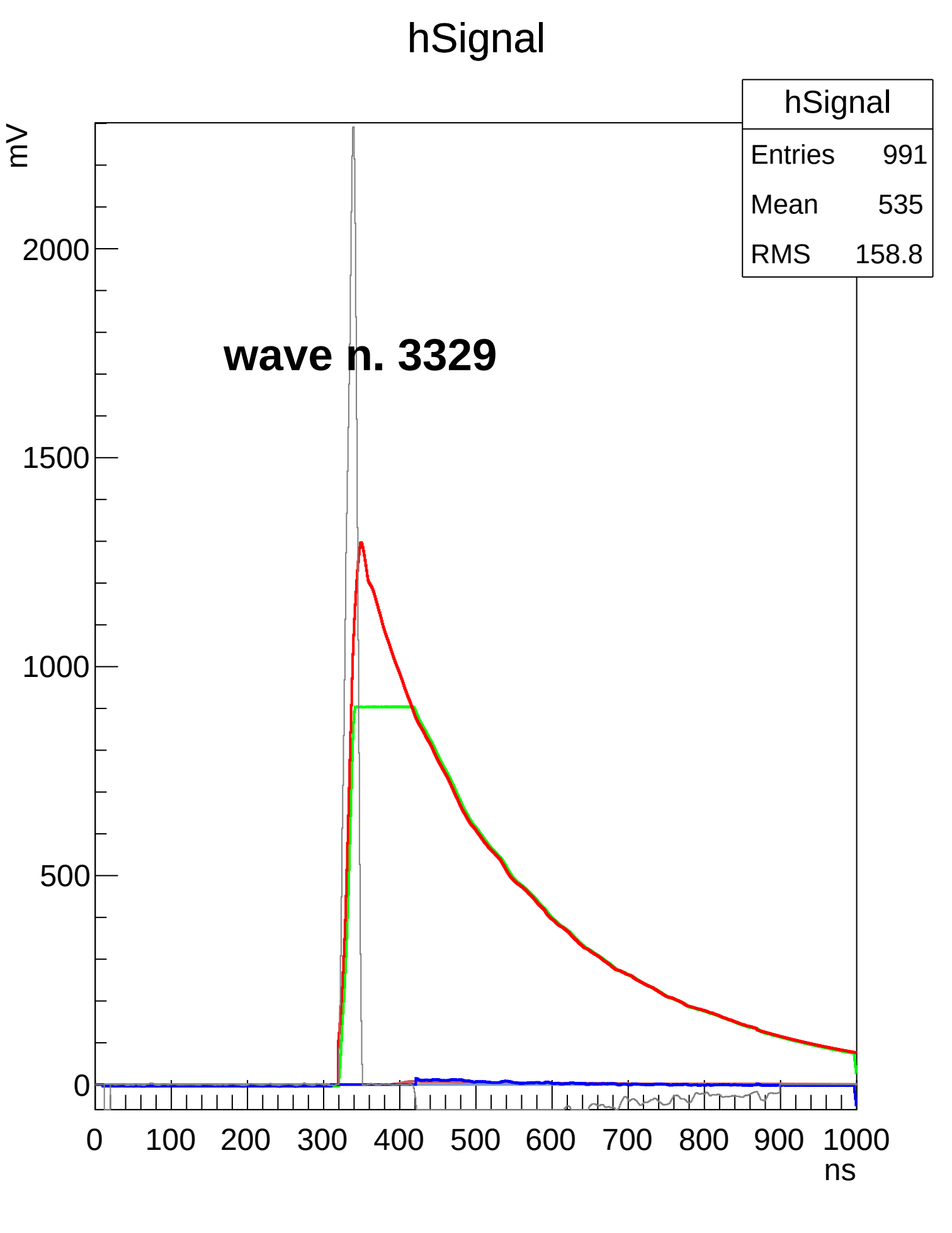
hSignal
Entries 991
Mean 573
RMS 161.6
wave n. 3325
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 425.1
RMS 173.6
wave n. 3326
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521.5
RMS 159.6
wave n. 3327
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 577.1
RMS 112.7
wave n. 3328
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 535
RMS 158.8
wave n. 3329
mV
2000
1500
1000
500
0
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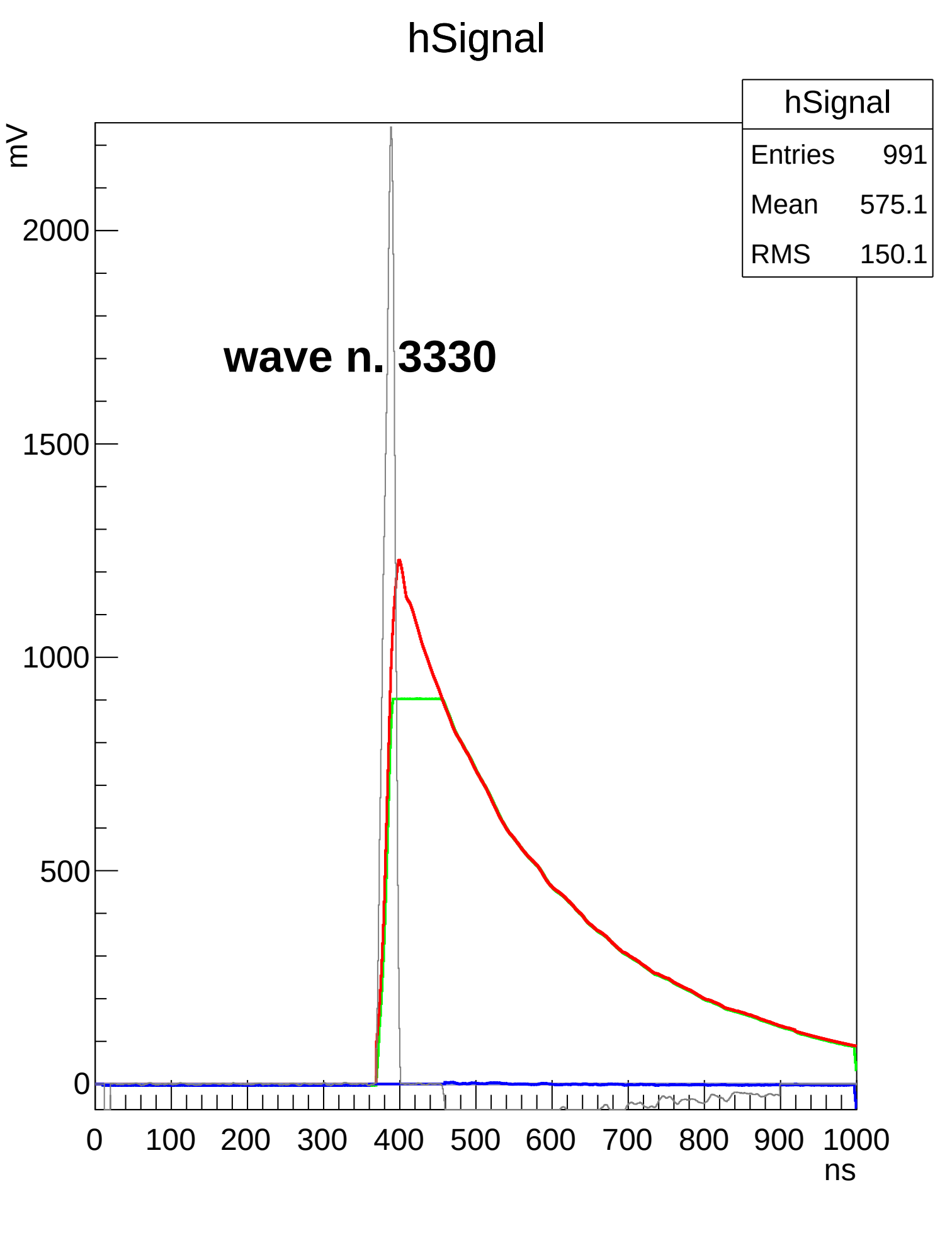
ns


hSignal
hSignal
Entries 991
Mean 575.1
RMS 150.1
wave n. 3330
mV
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1500
1000
500
0
0
100
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400
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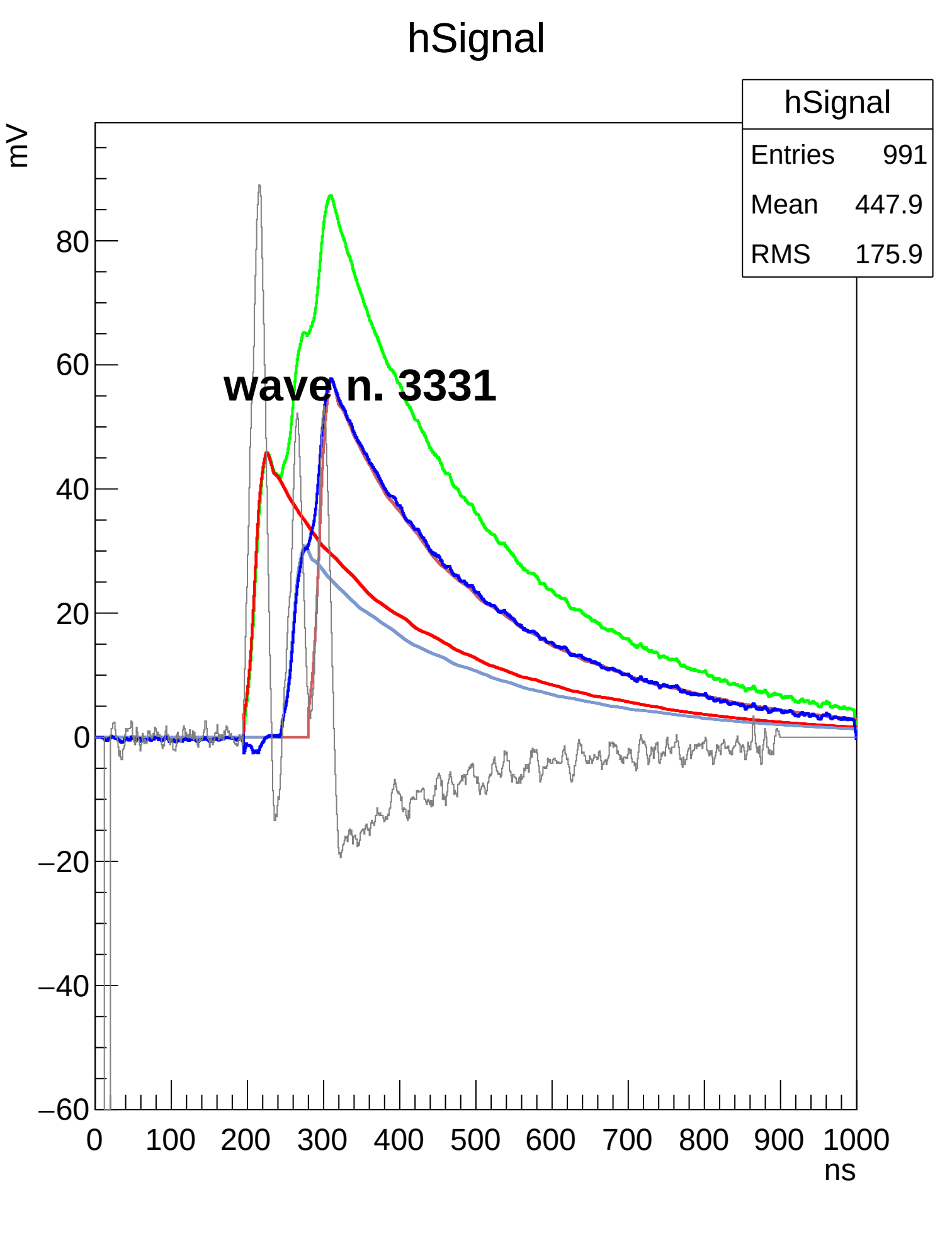
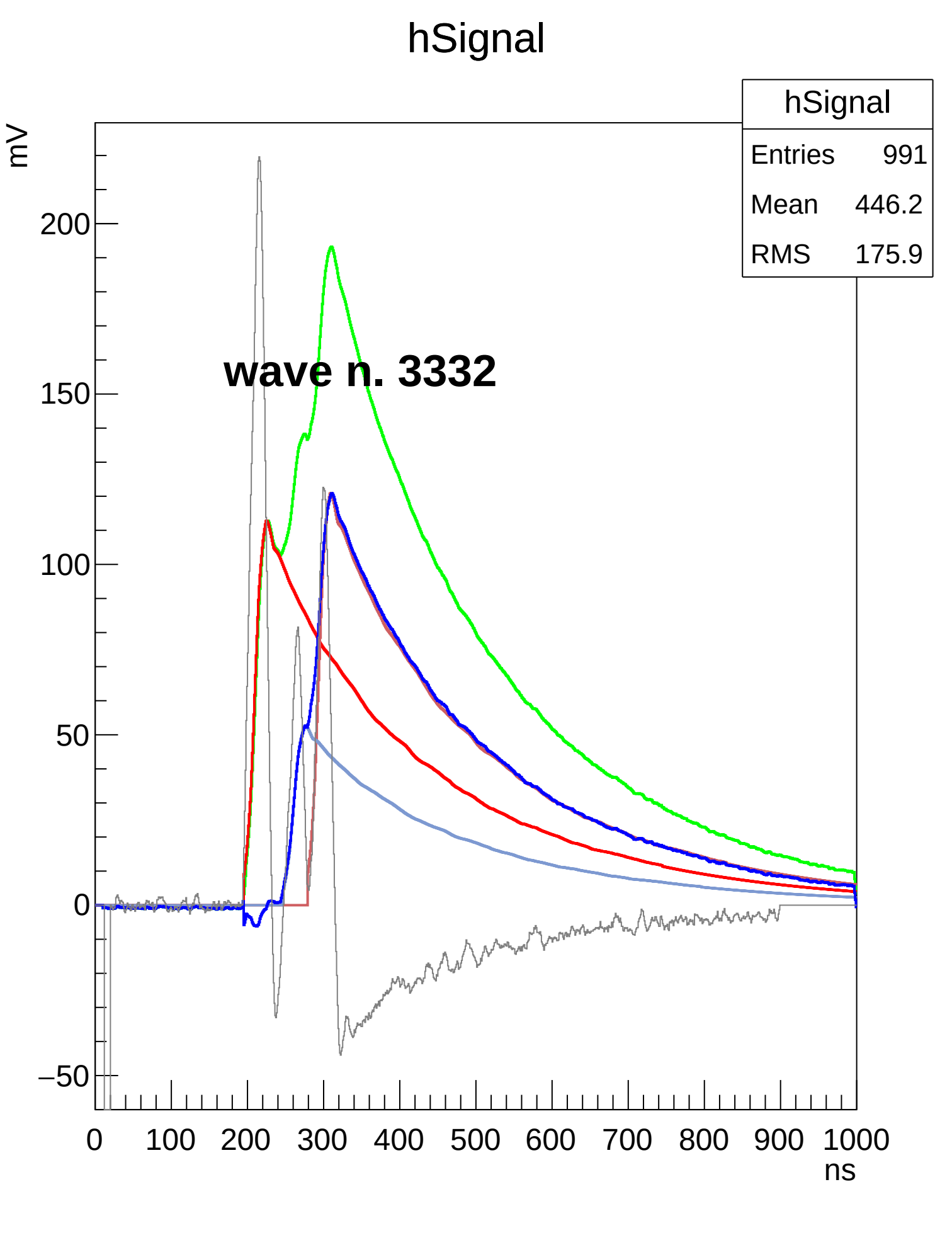
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 447.9
RMS 175.9
wave n. 3331
mV
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 446.2
RMS 175.9
wave n. 3332
mV
200
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100
50
0
−50
0
100
200
300
400
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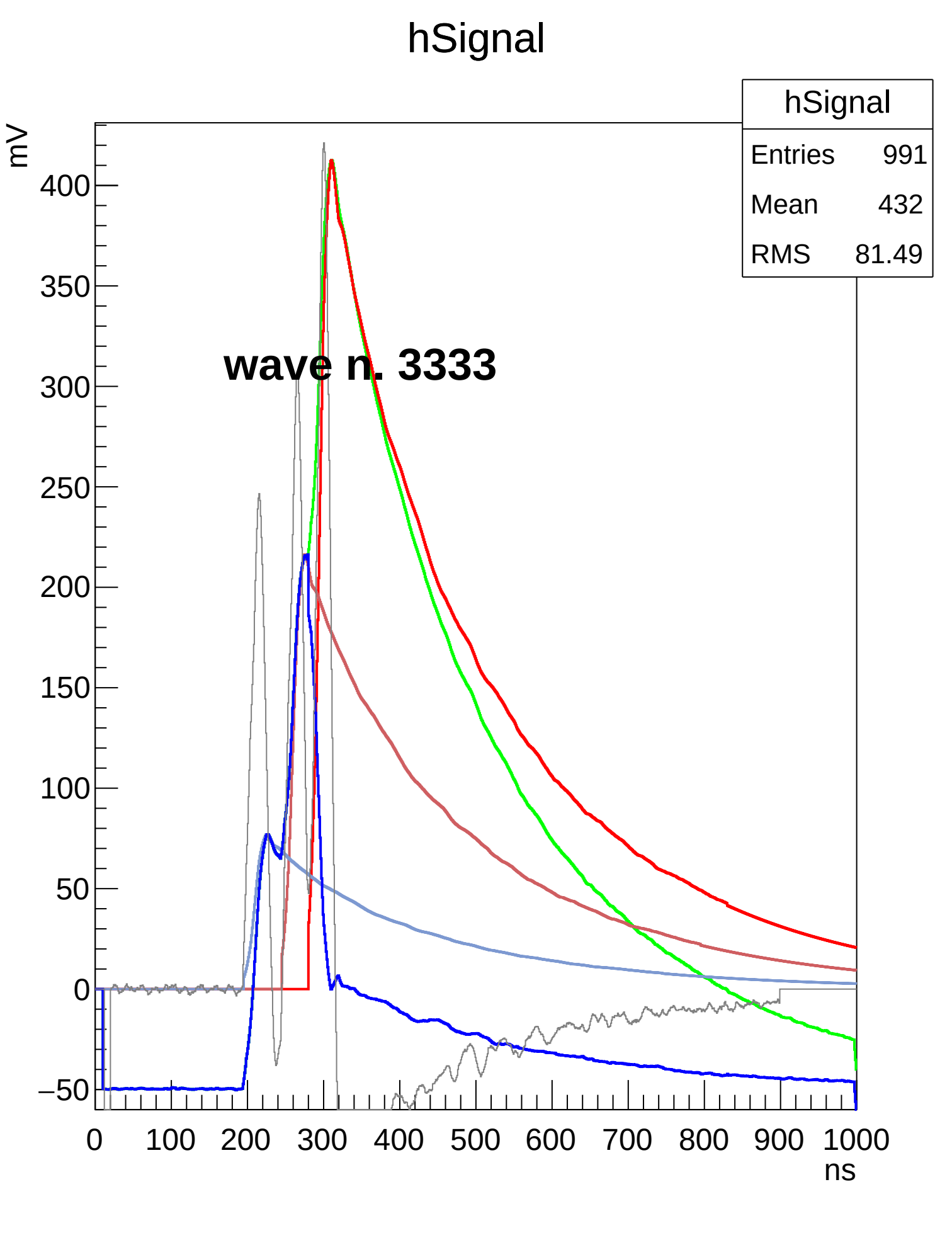
800
900
1000
ns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hSignal
Entries 991
Mean 432
RMS 81.49
wave n. 3333
mV
400
350
300
250
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100
50
0
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0
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400
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800
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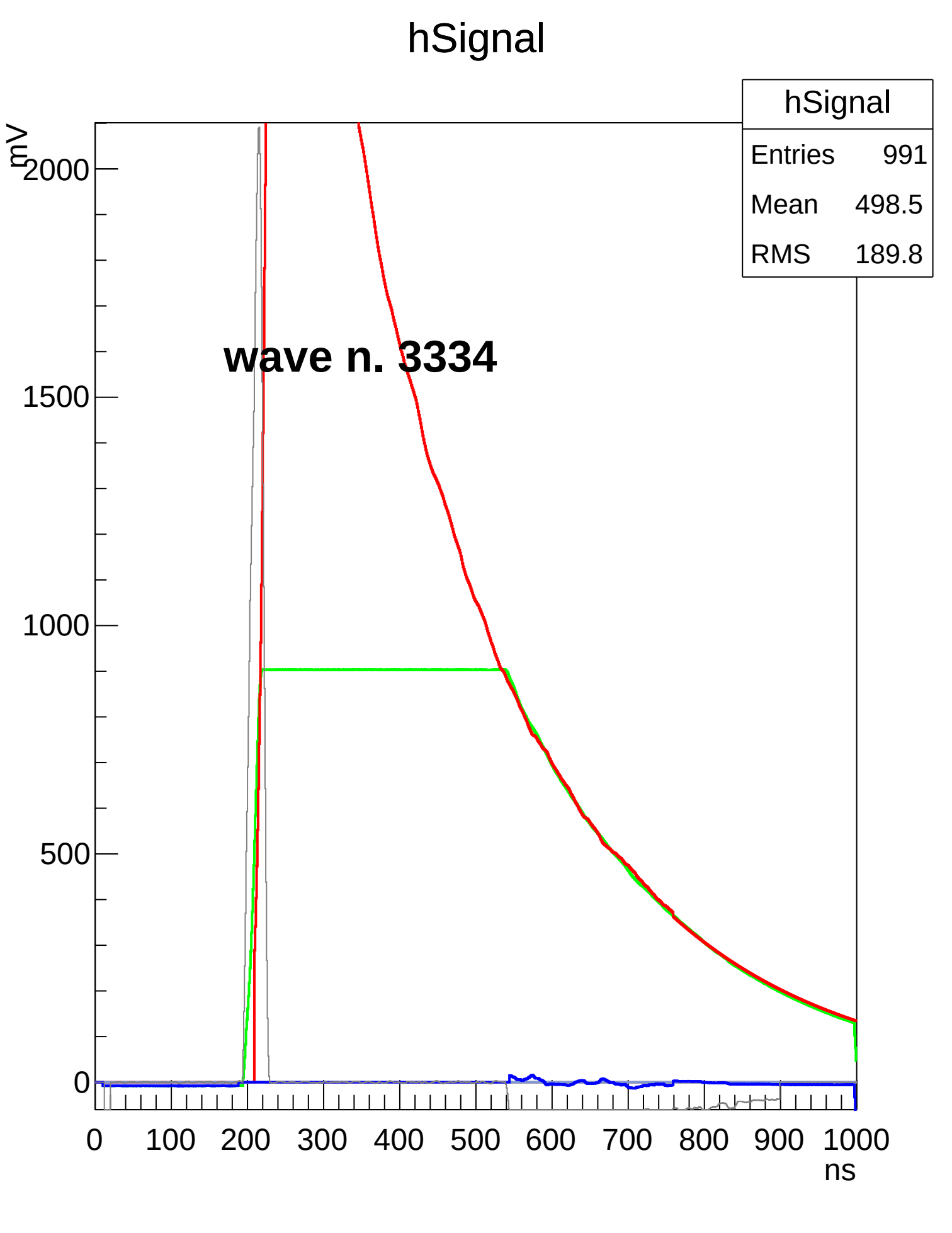
1000
ns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hSignal
Entries 991
Mean 498.5
RMS 189.8
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1000
500
0
0
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400
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600
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800
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1000
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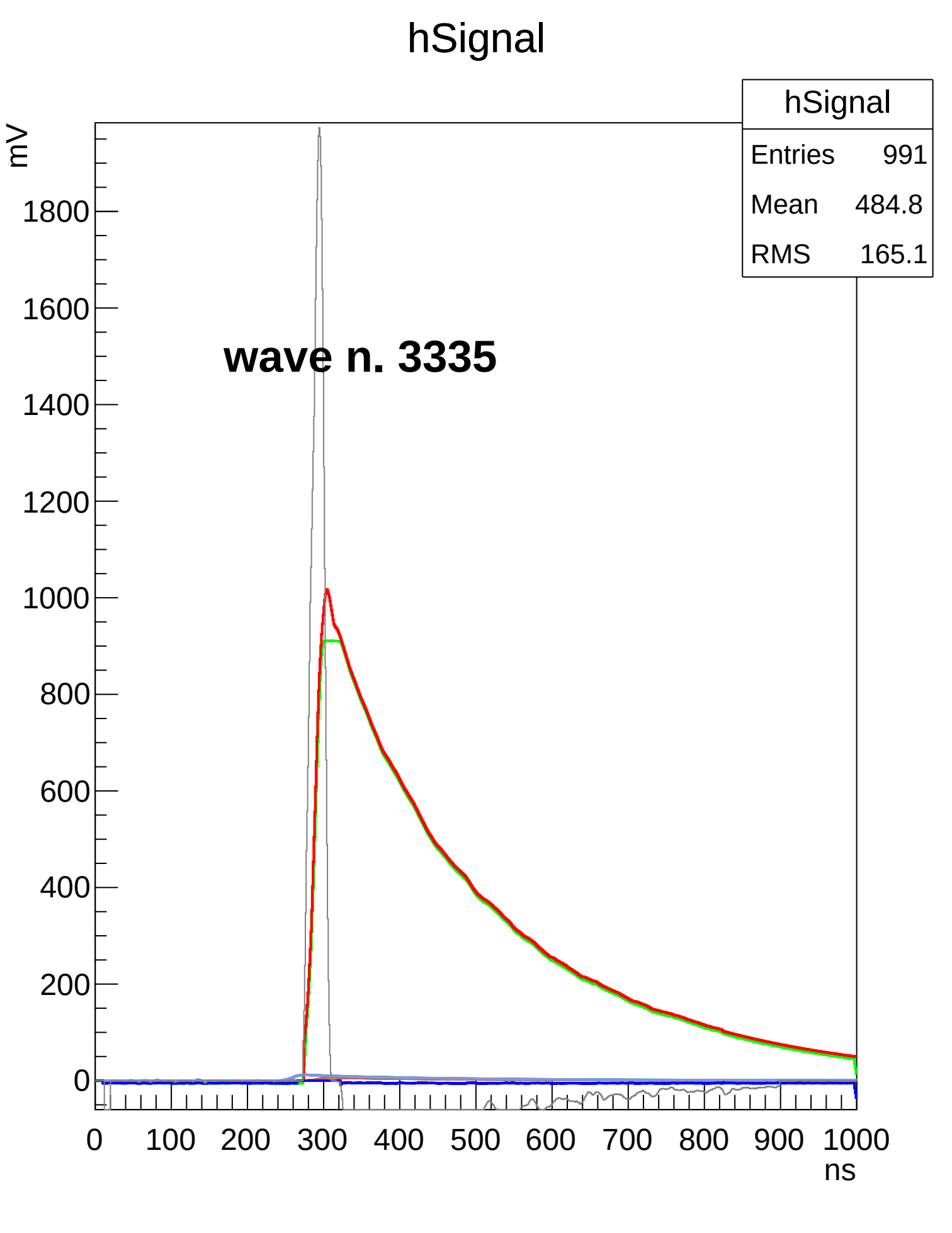
hSignal
hSignal
Entries 991
Mean 484.8
RMS 165.1
wave n. 3335
mV
1800
1600
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0
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1000
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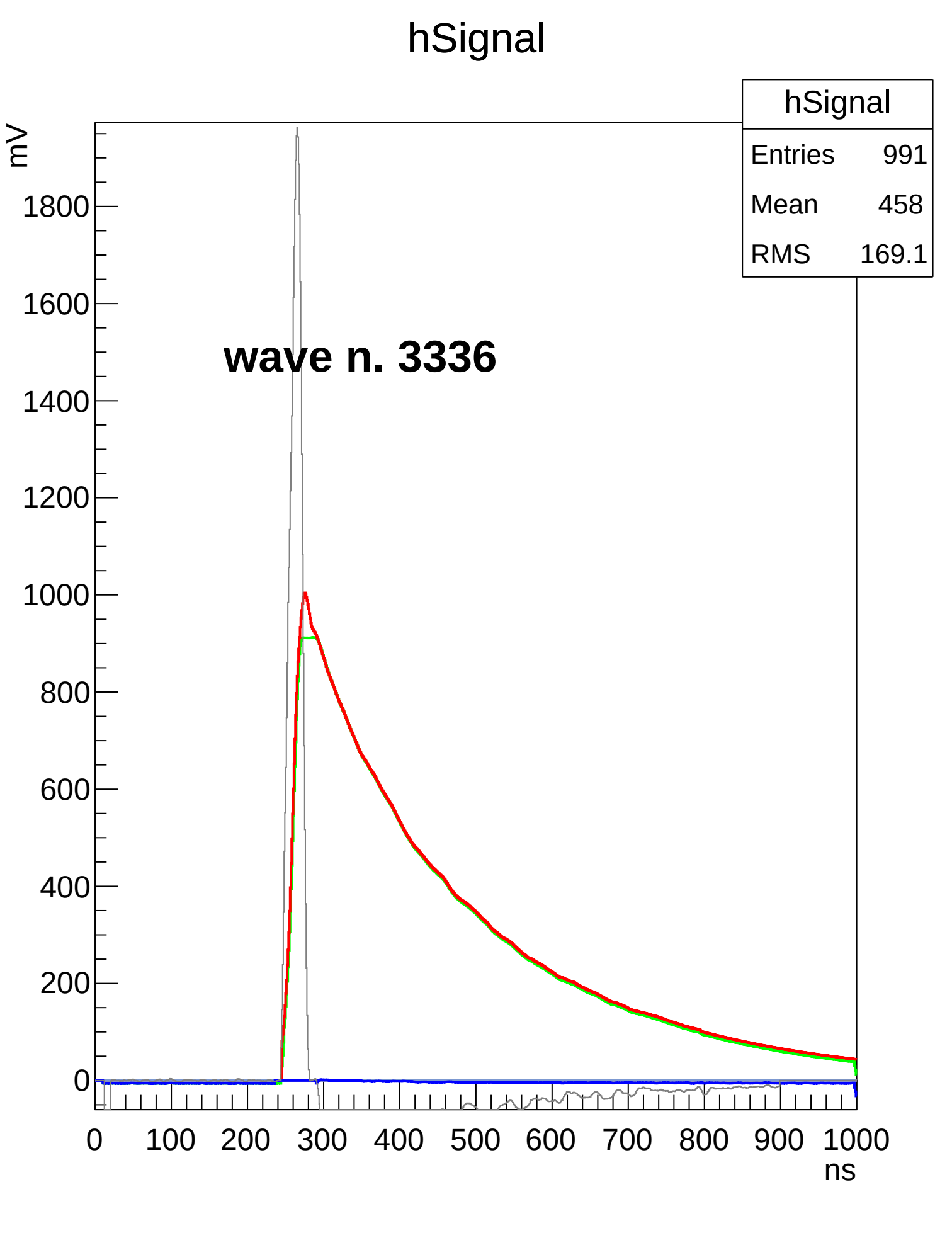
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hSignal
Entries 991
Mean 458
RMS 169.1
wave n. 3336
mV
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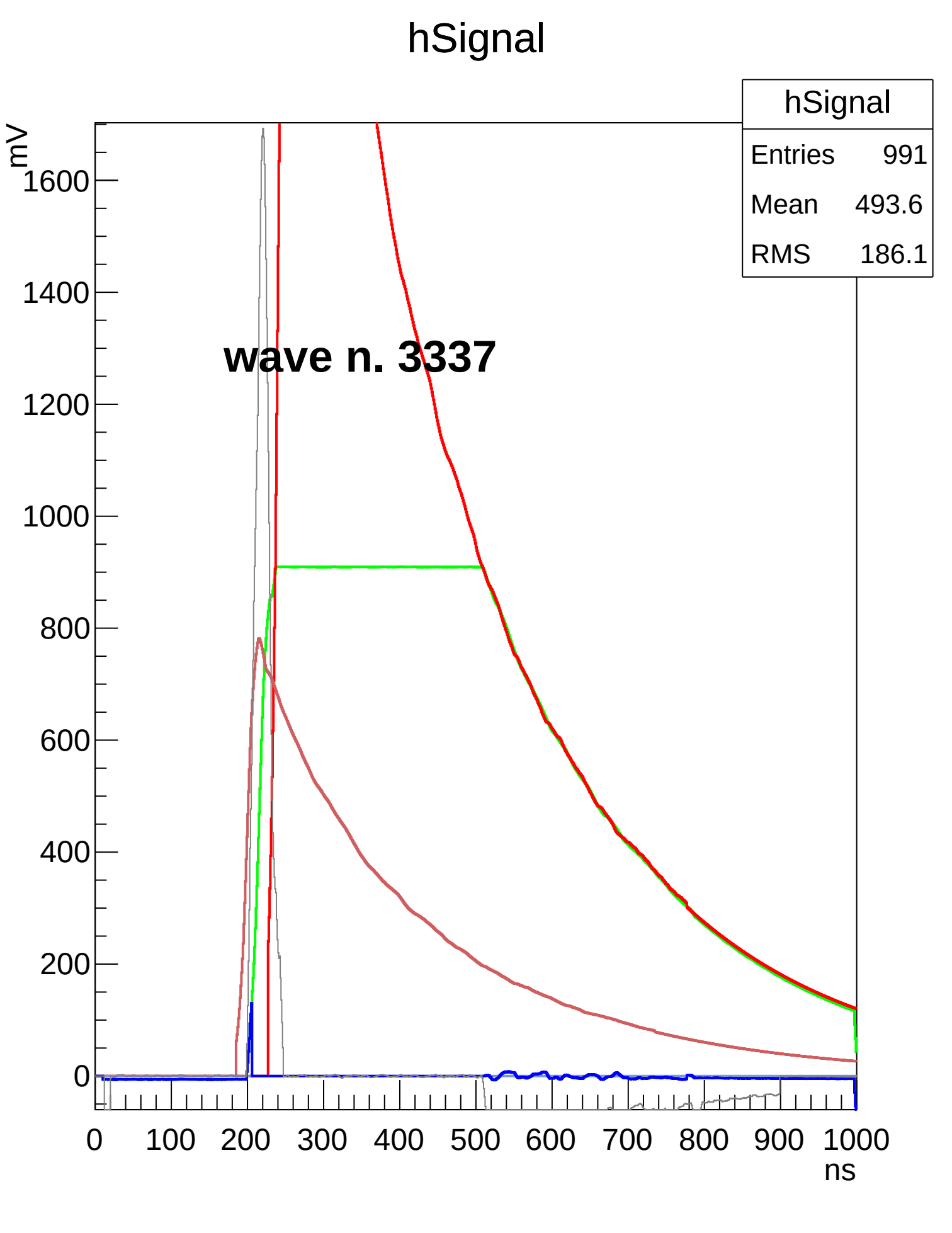
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 493.6
RMS 186.1
wave n. 3337
mV
1600
1400
1200
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600
400
200
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200
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400
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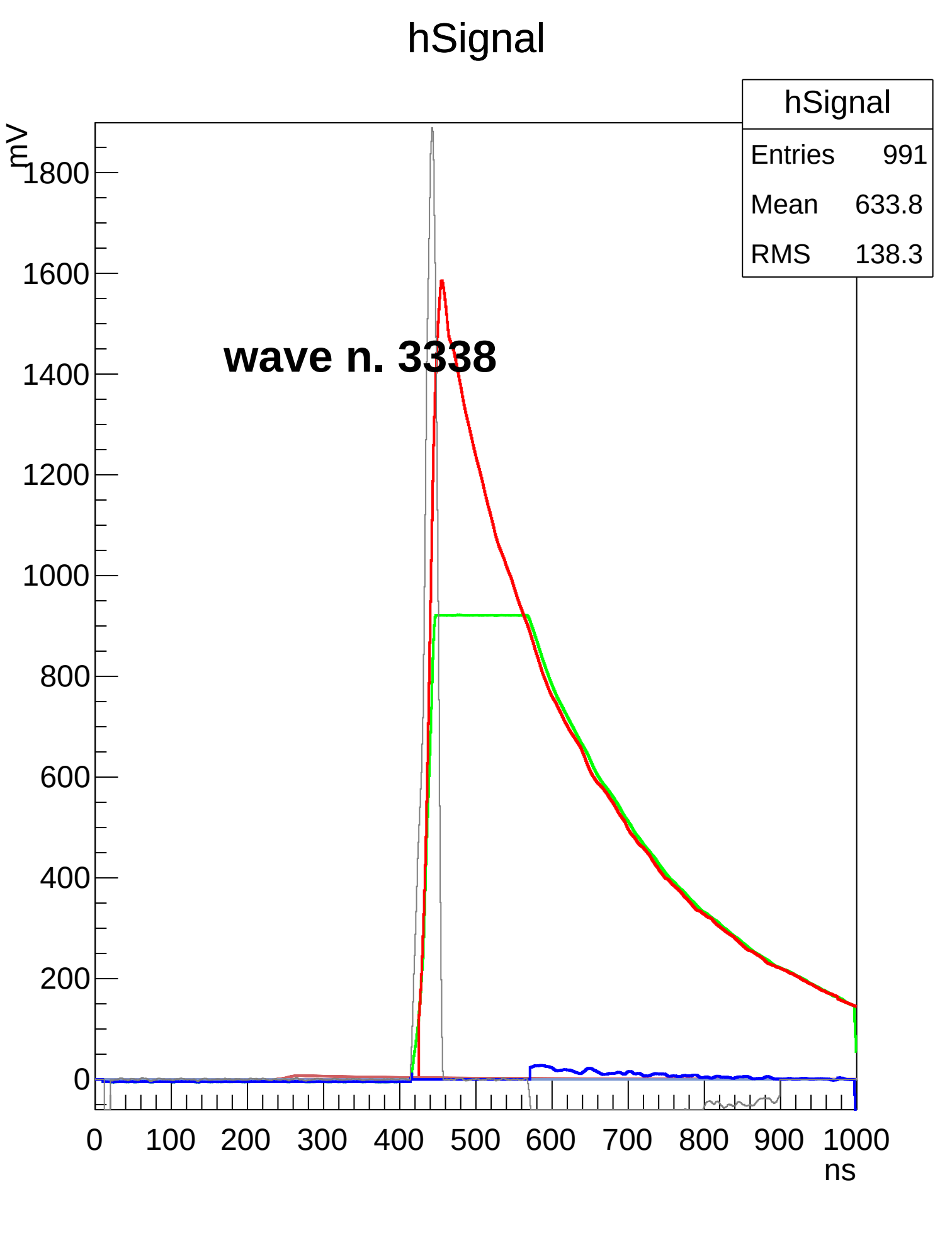
1000
ns


hSignal
hSignal
Entries 991
Mean 633.8
RMS 138.3
wave n. 3338
mV
1800
1600
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600
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200
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0
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400
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1000
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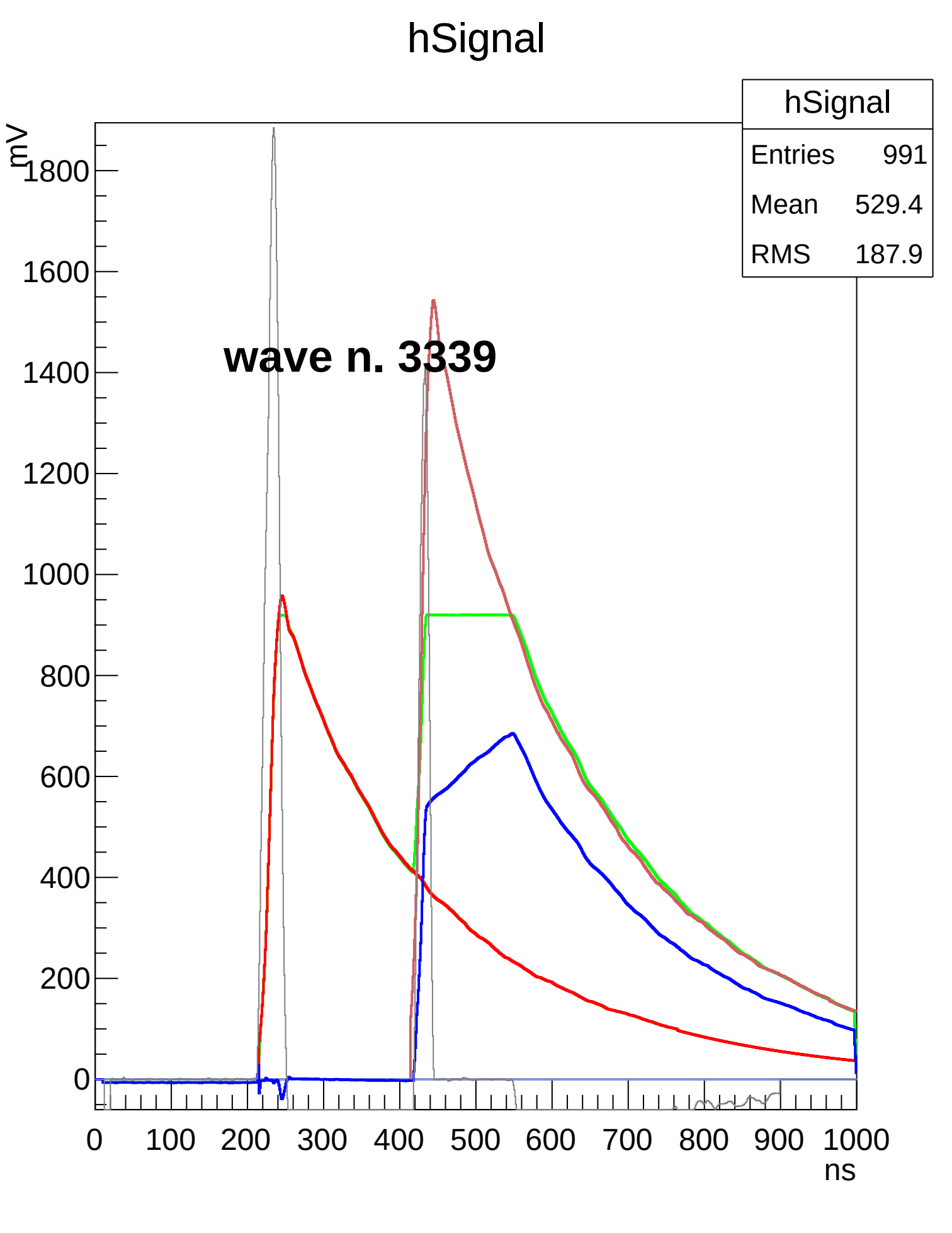
hSignal
hSignal
Entries 991
Mean 529.4
RMS 187.9
wave n. 3339
mV
1800
1600
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200
0
0
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400
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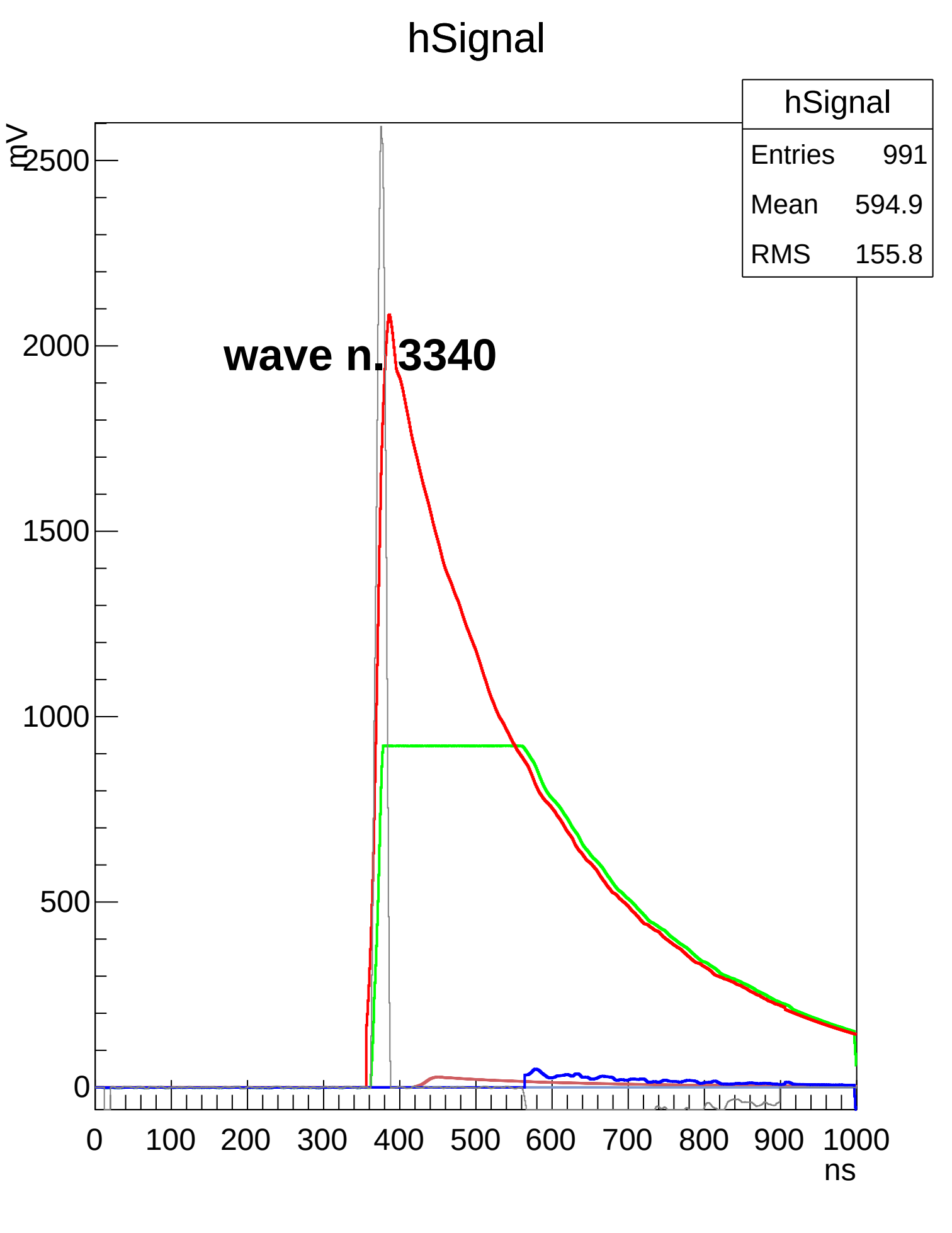
hSignal
hSignal
Entries 991
Mean 594.9
RMS 155.8
wave n. 3340
mV
2500
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1000
500
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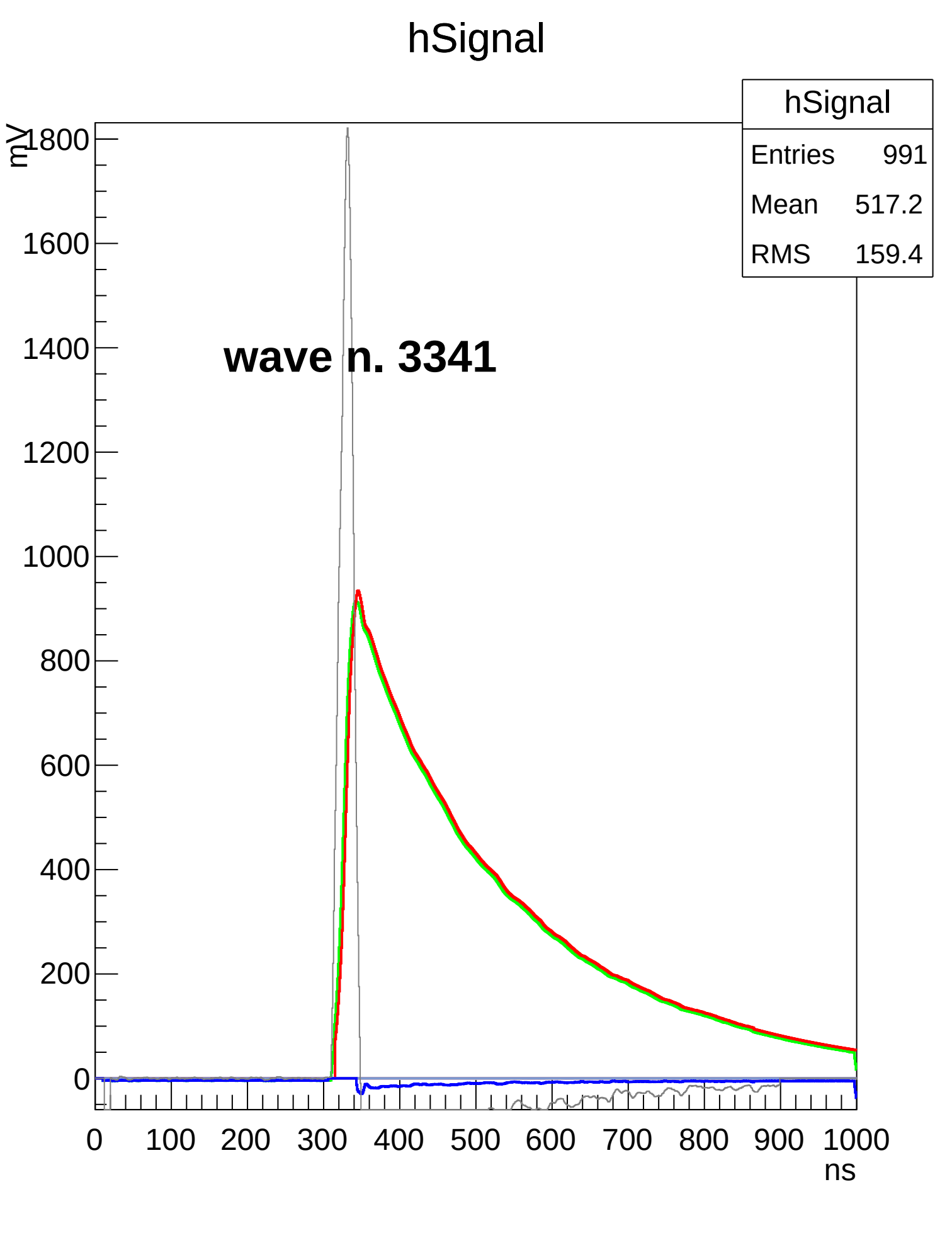
ns


hSignal
hSignal
Entries 991
Mean 517.2
RMS 159.4
wave n. 3341
mV
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1600
1400
1200
1000
800
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400
200
0
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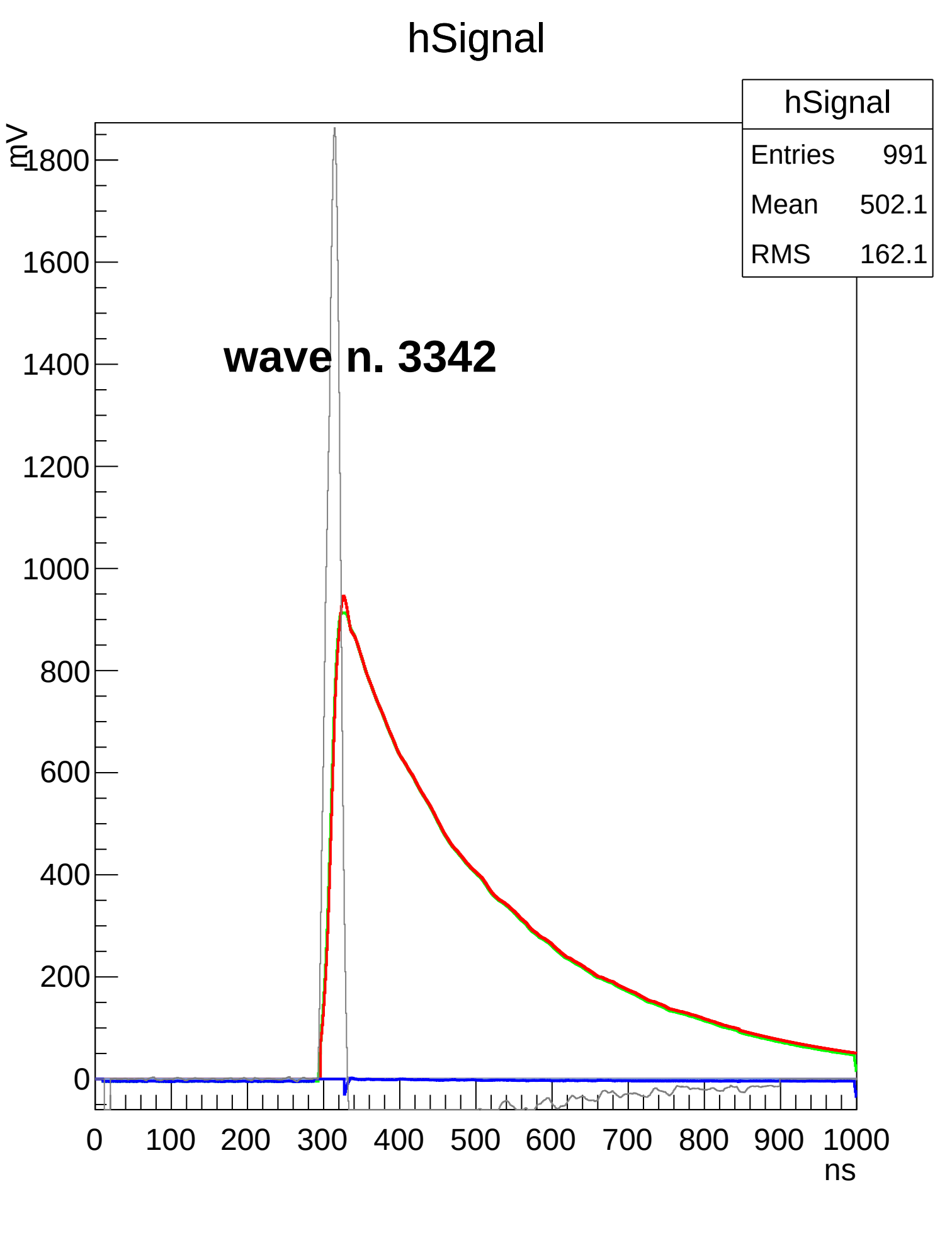
ns


hSignal
hSignal
Entries 991
Mean 502.1
RMS 162.1
wave n. 3342
mV
1800
1600
1400
1200
1000
800
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400
200
0
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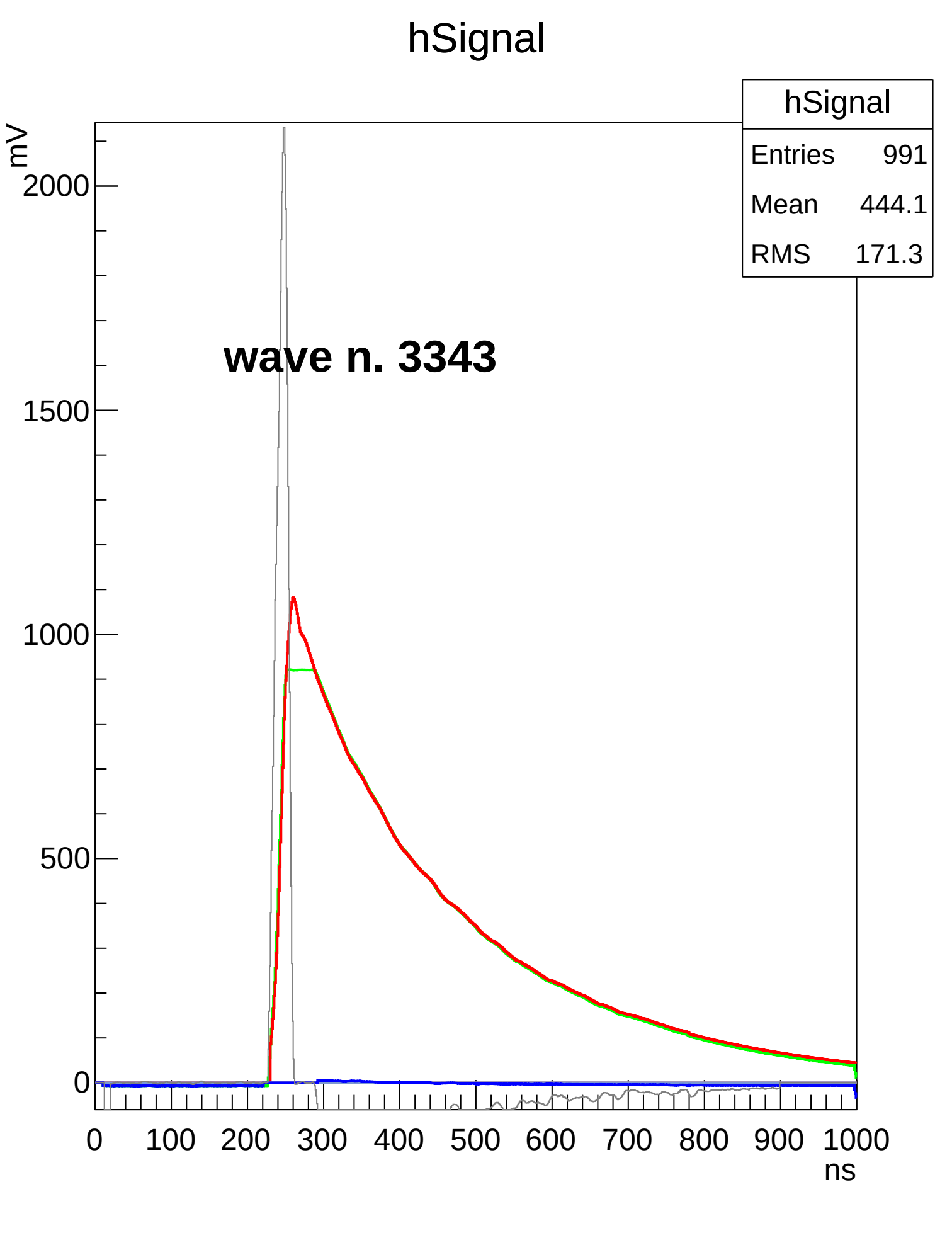
ns


hSignal
hSignal
Entries 991
Mean 444.1
RMS 171.3
wave n. 3343
mV
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1500
1000
500
0
0
100
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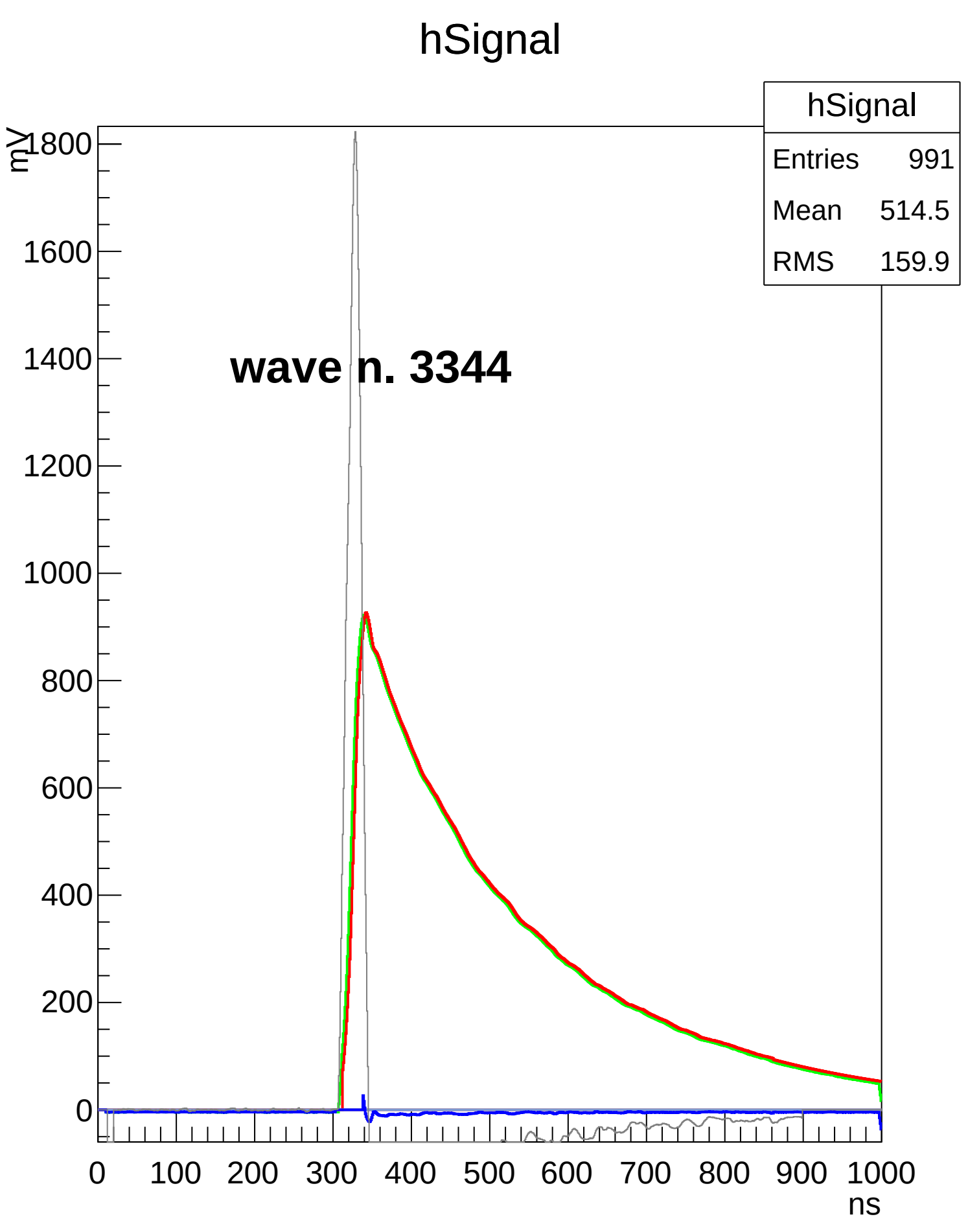
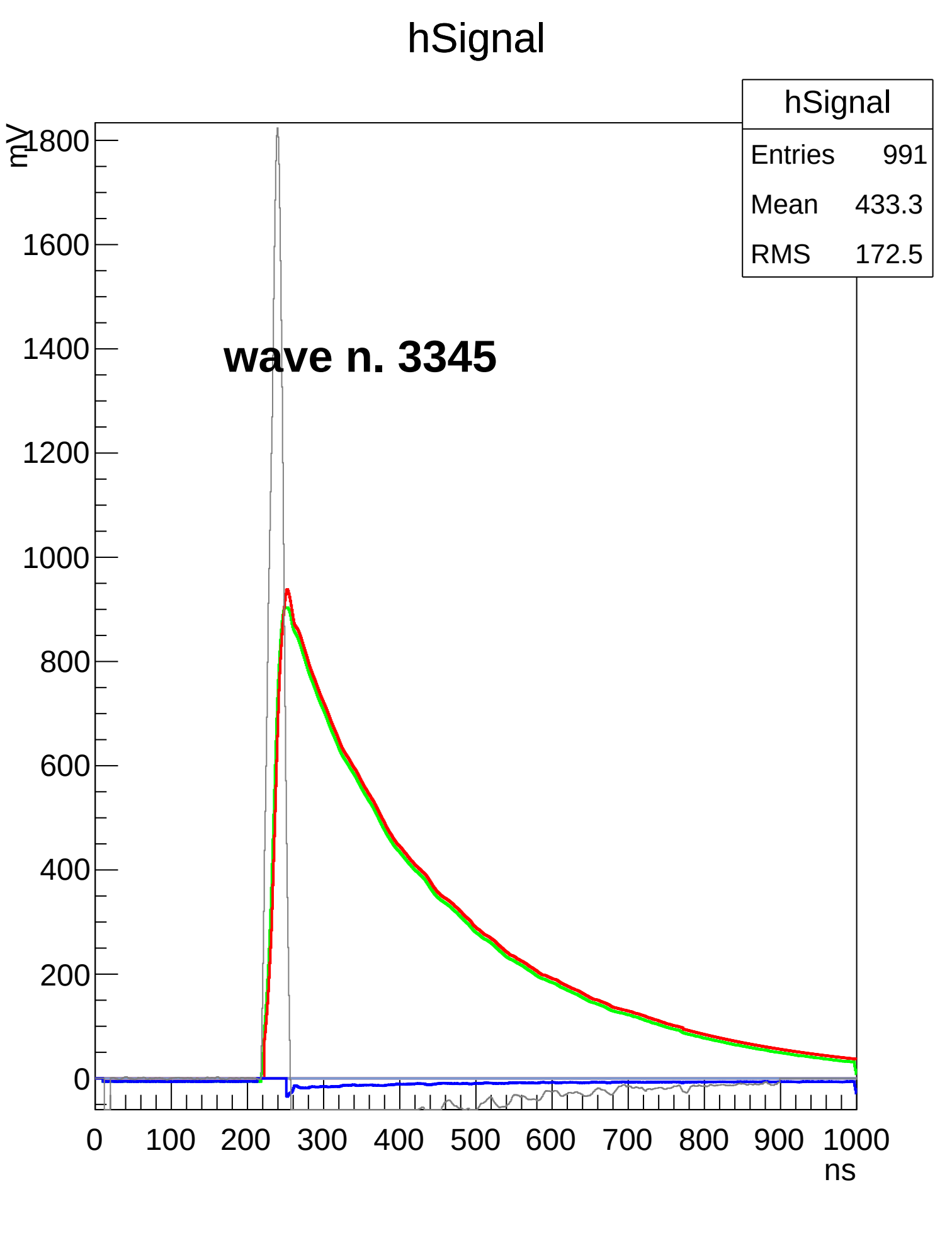
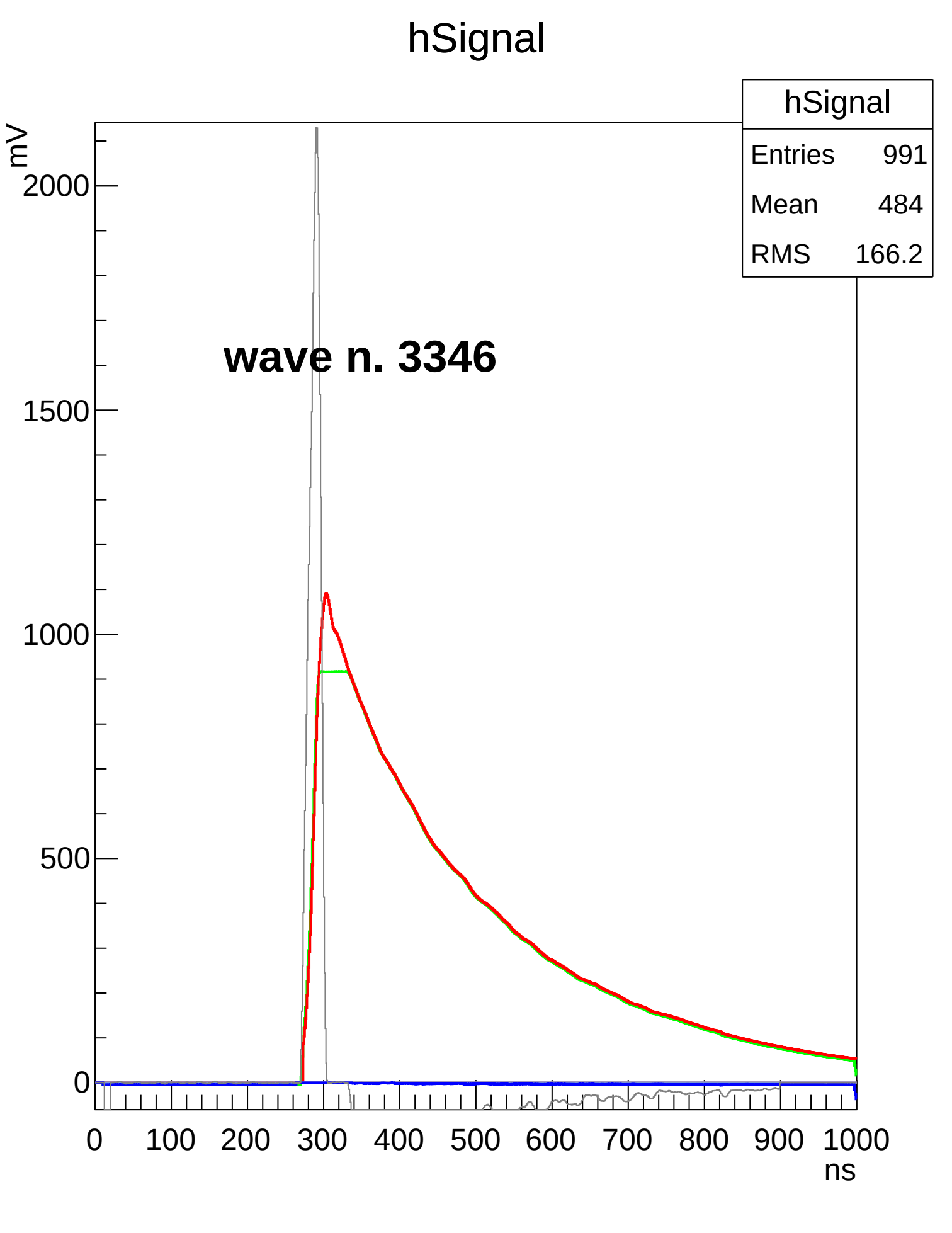
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 514.5
RMS 159.9
wave n. 3344
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 433.3
RMS 172.5
wave n. 3345
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 484
RMS 166.2
wave n. 3346
mV
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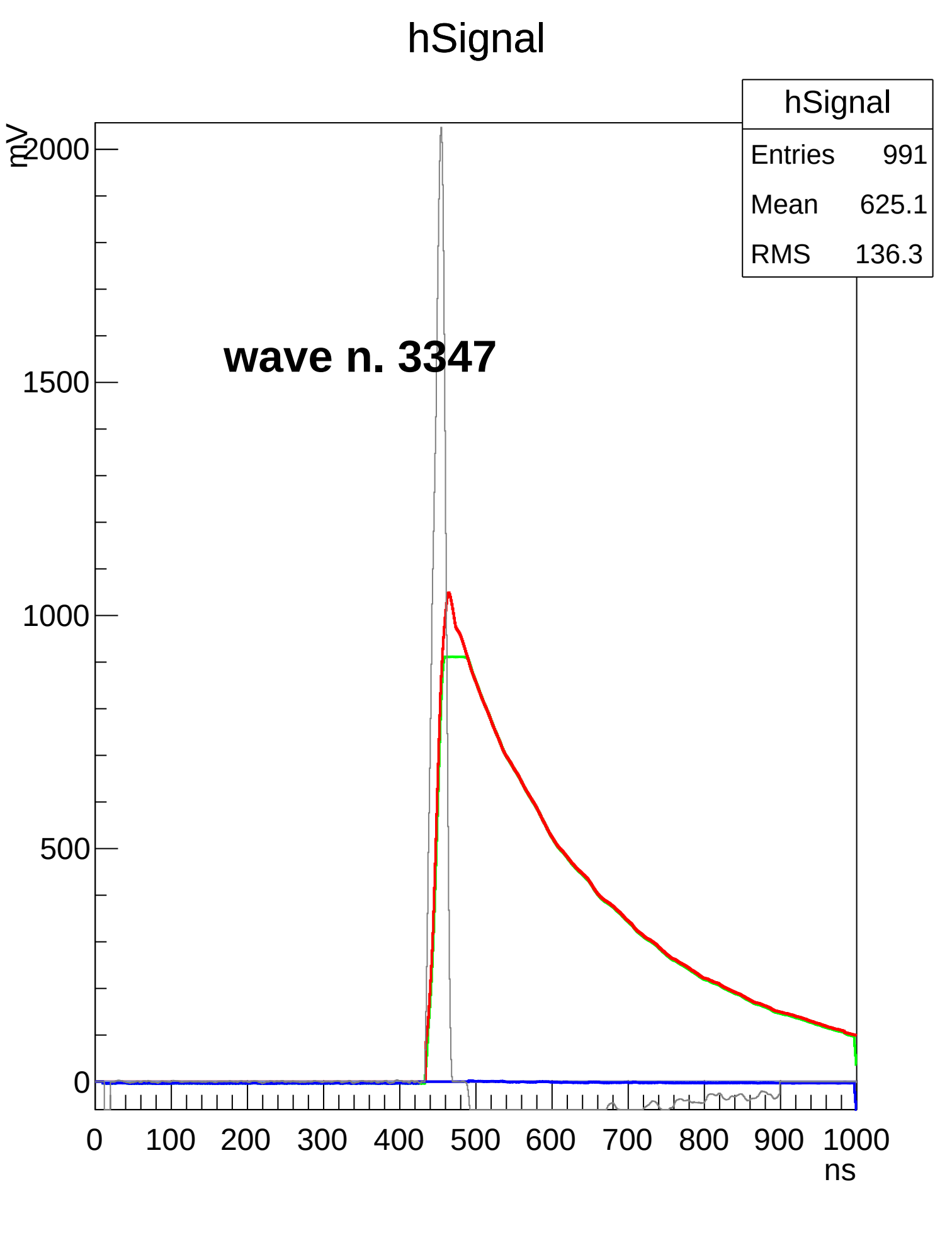
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 625.1
RMS 136.3
wave n. 3347
mV
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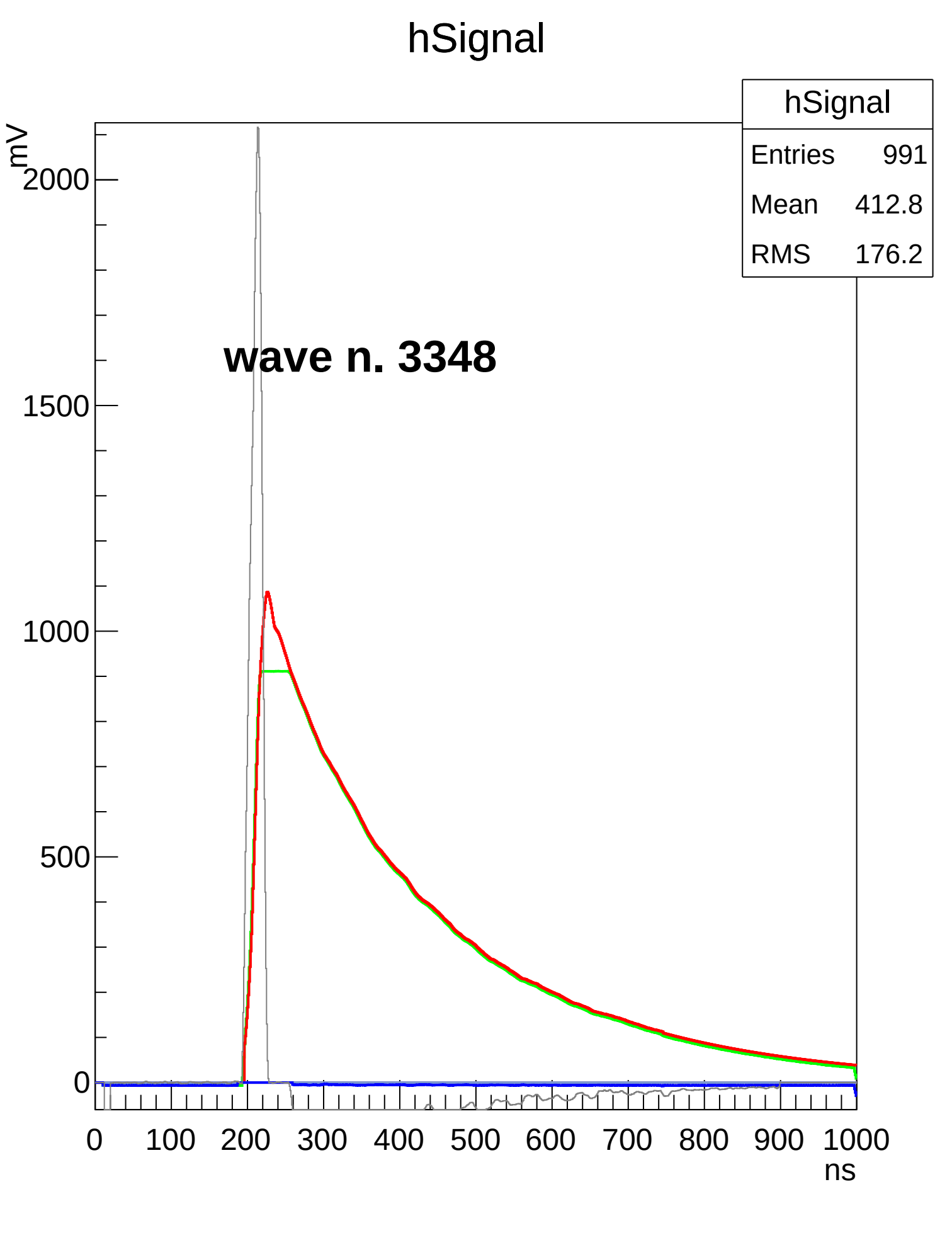
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 412.8
RMS 176.2
wave n. 3348
mV
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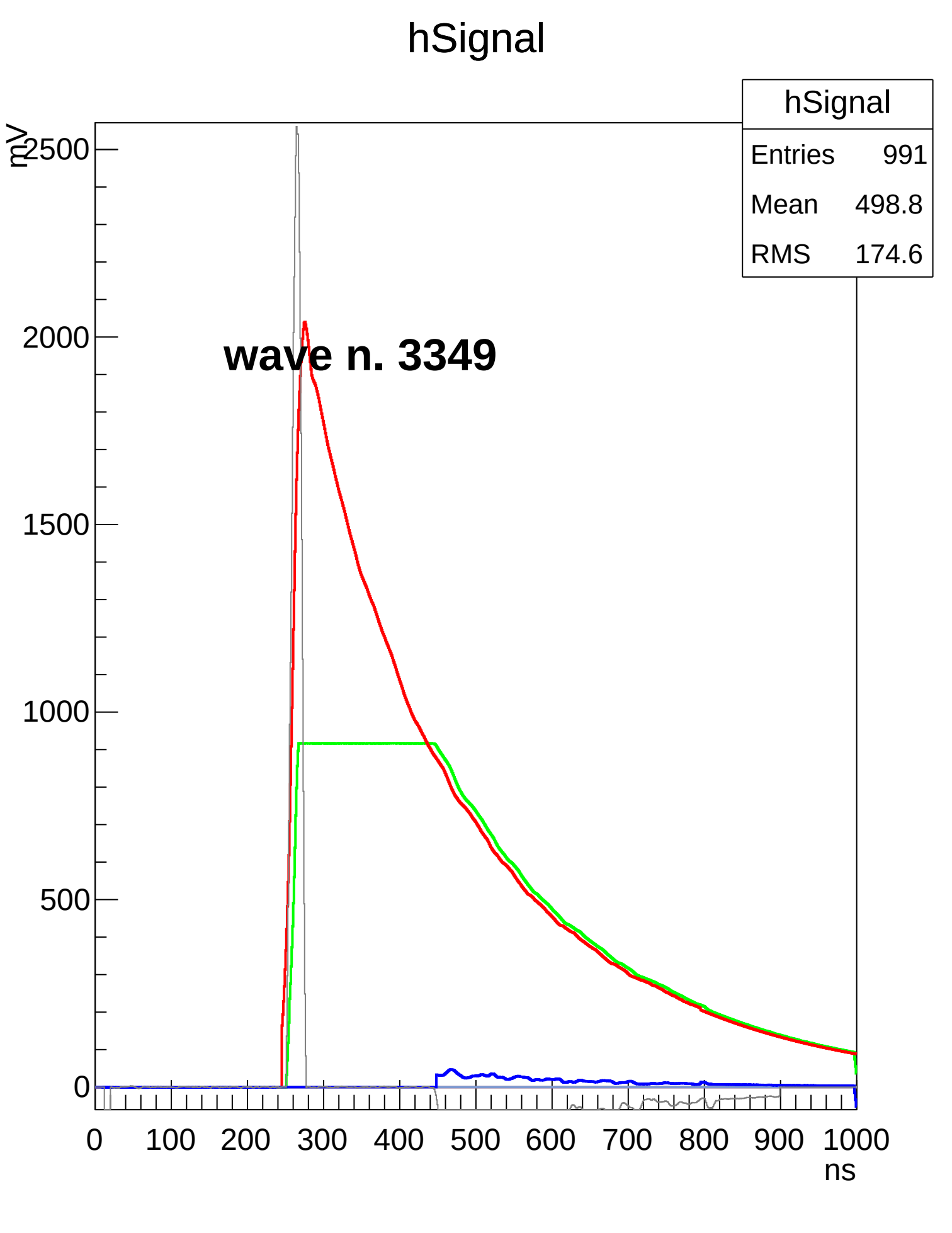
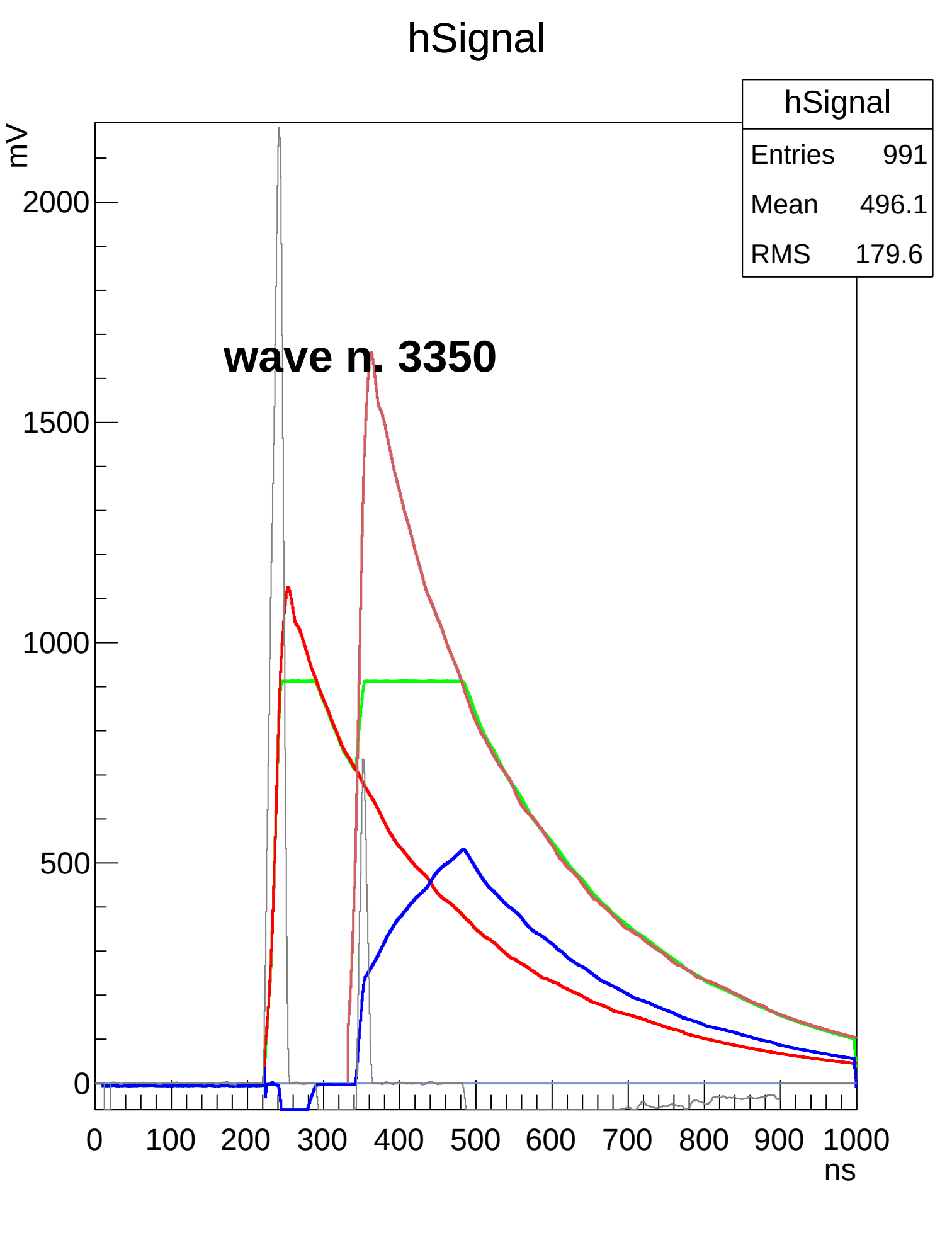
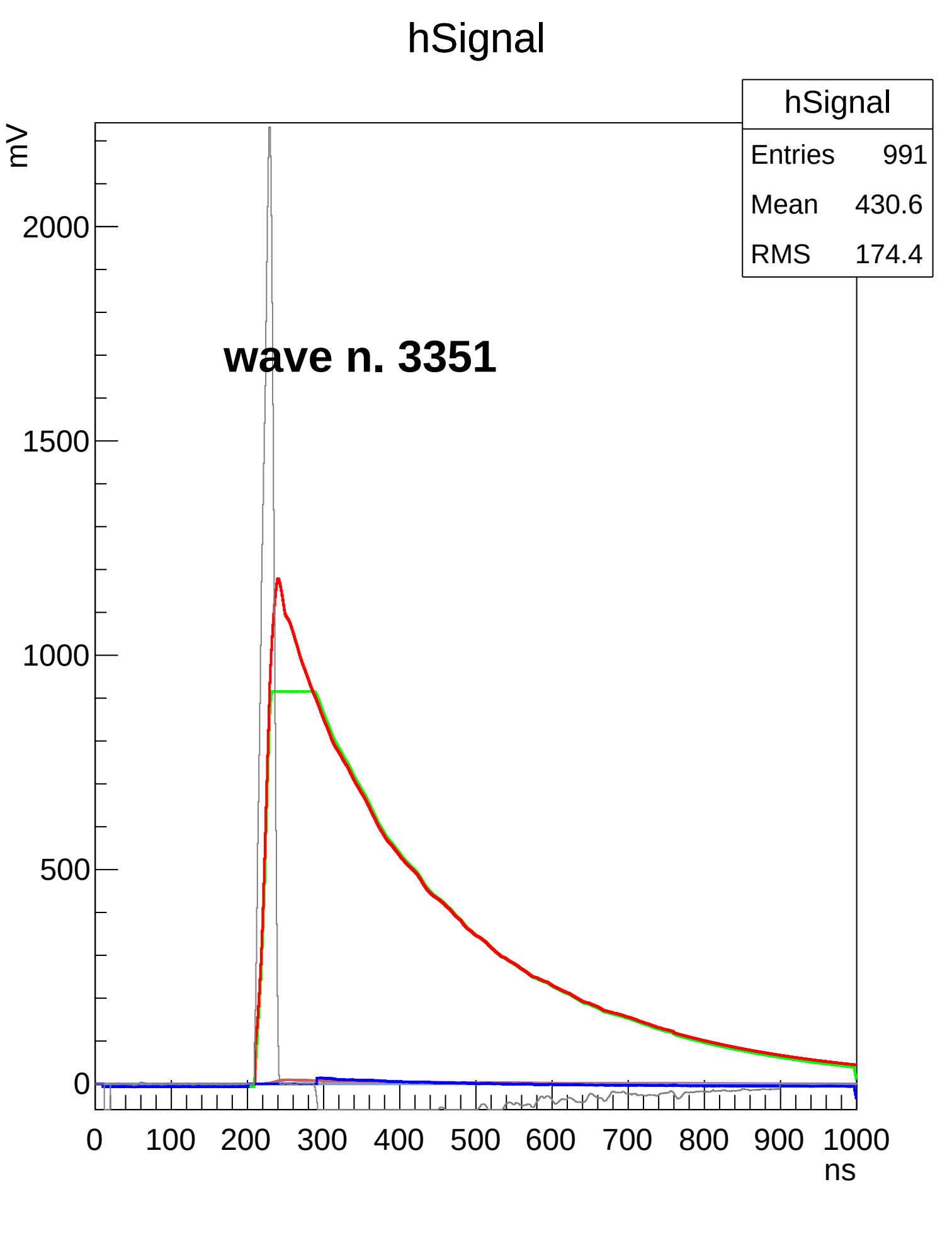
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 498.8
RMS 174.6
wave n. 3349
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 496.1
RMS 179.6
wave n. 3350
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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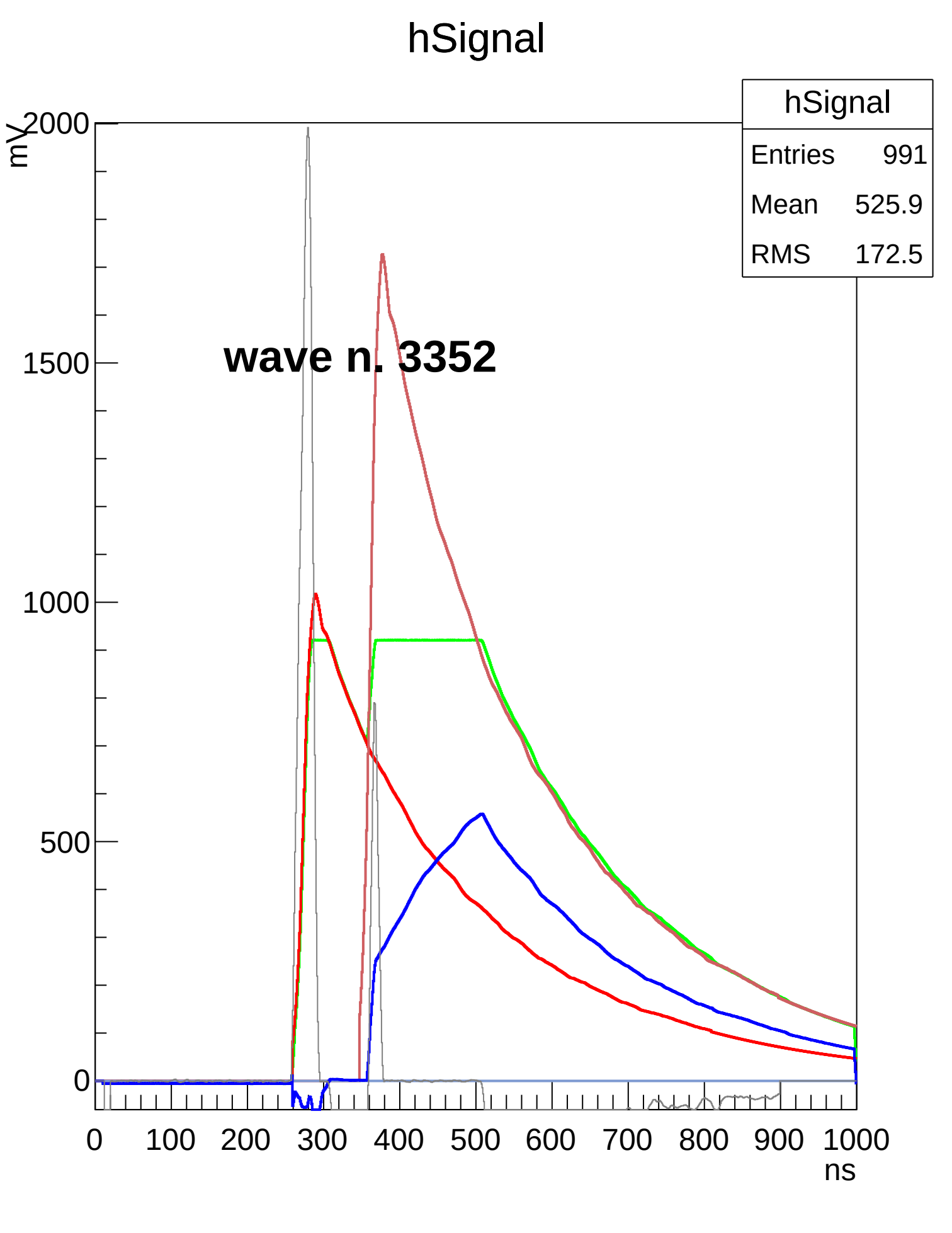
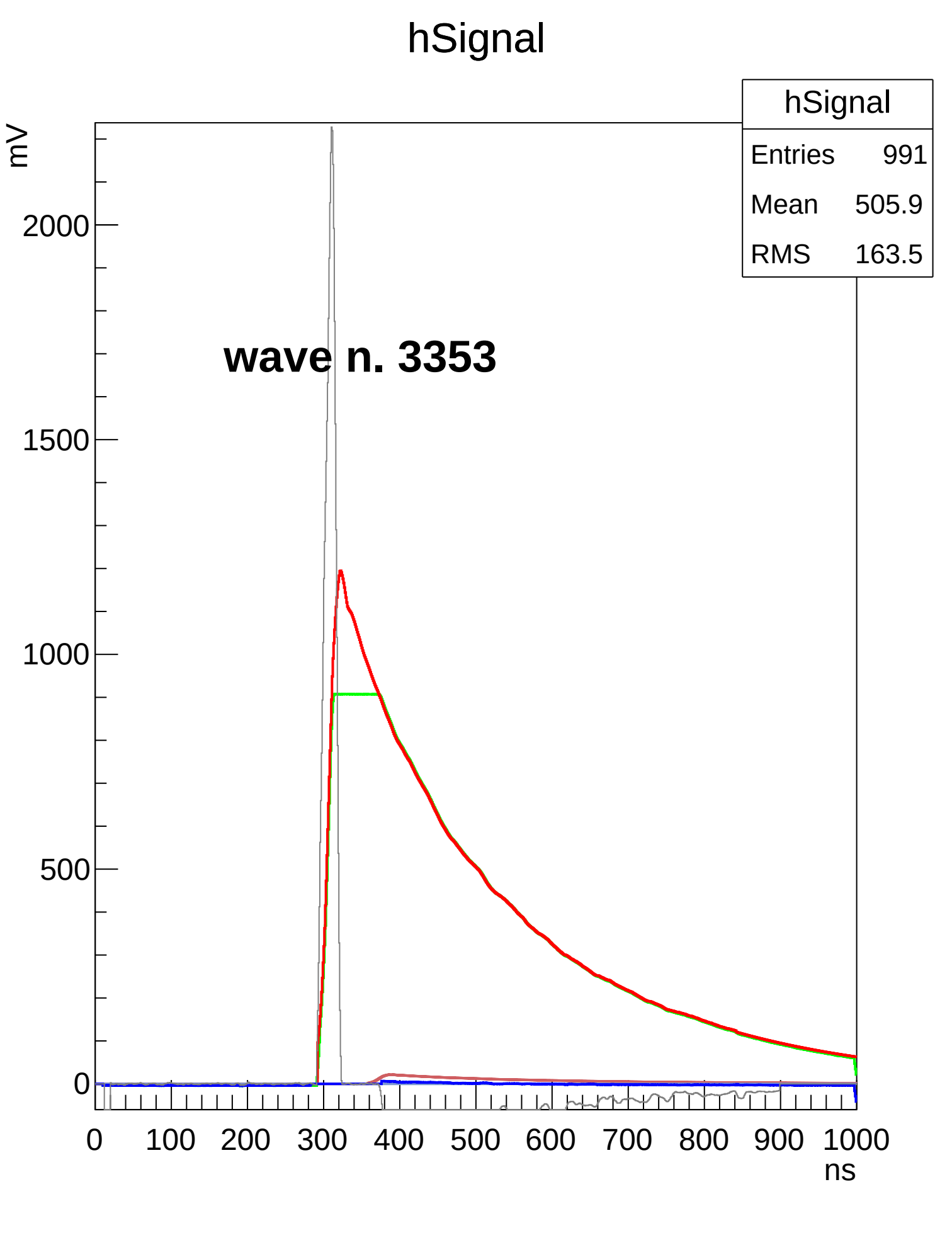
hSignal
Entries 991
Mean 430.6
RMS 174.4
wave n. 3351
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 525.9
RMS 172.5
wave n. 3352
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 505.9
RMS 163.5
wave n. 3353
mV
2000
1500
1000
500
0
0
100
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400
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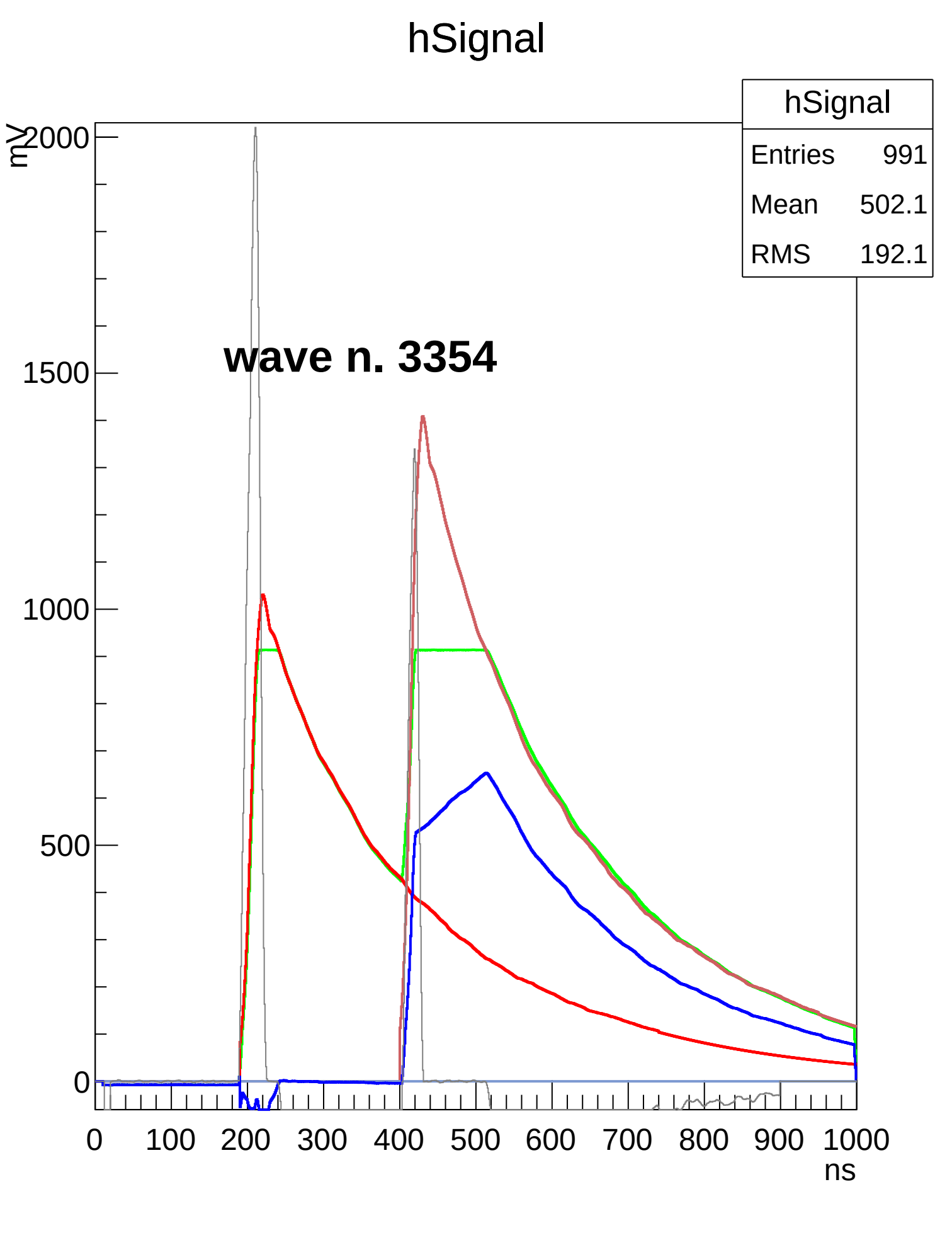
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.1
RMS 192.1
wave n. 3354
mV
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1500
1000
500
0
0
100
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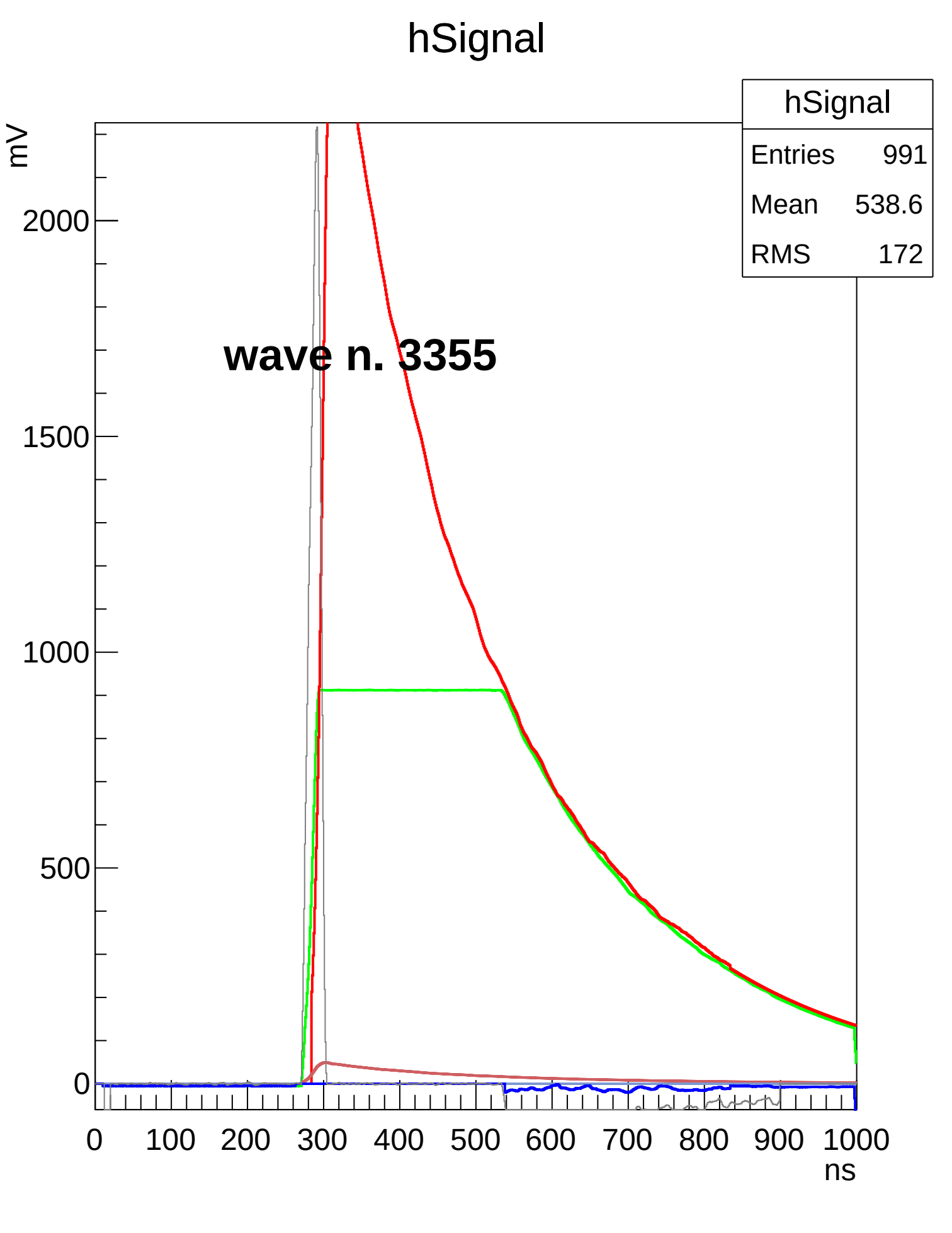
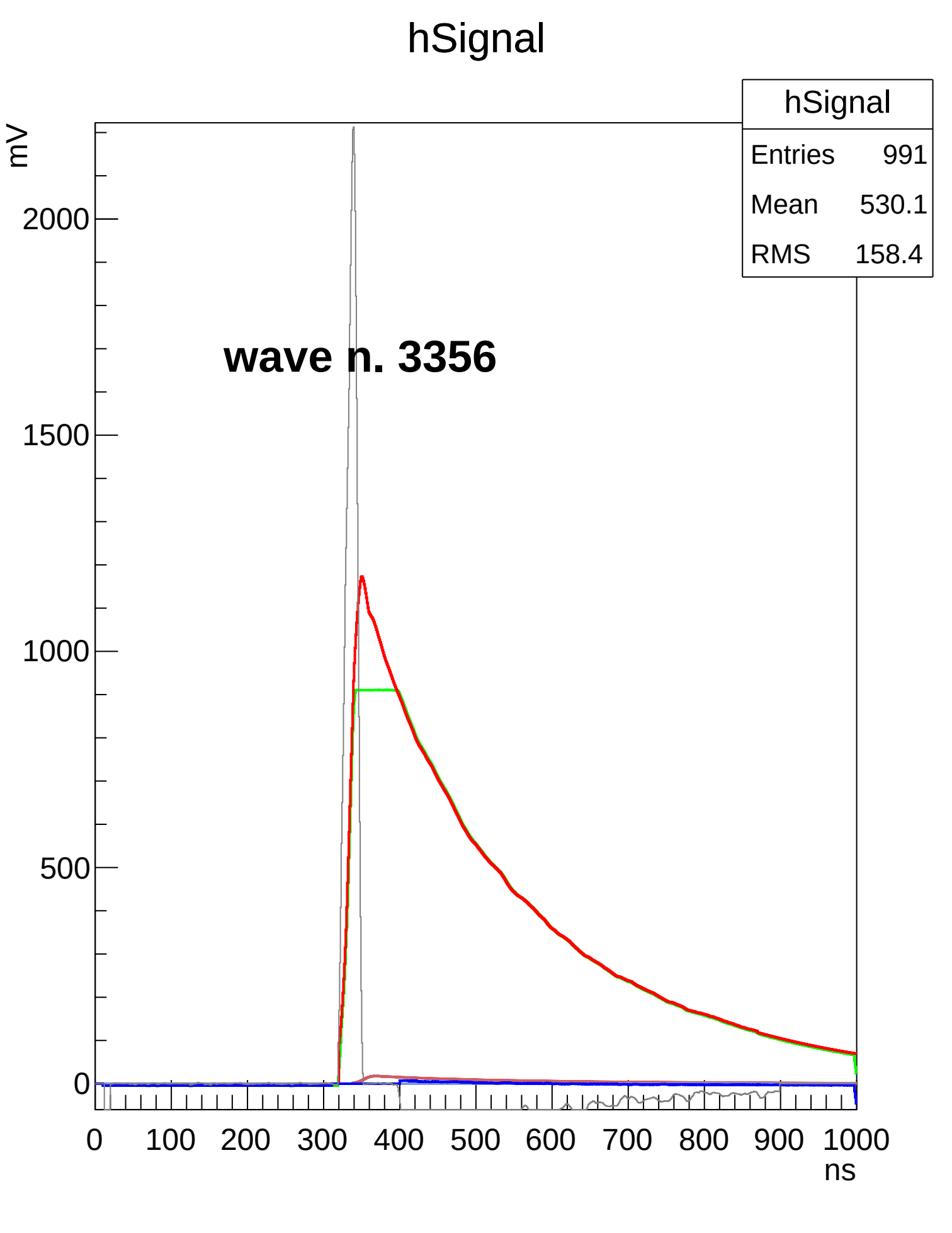
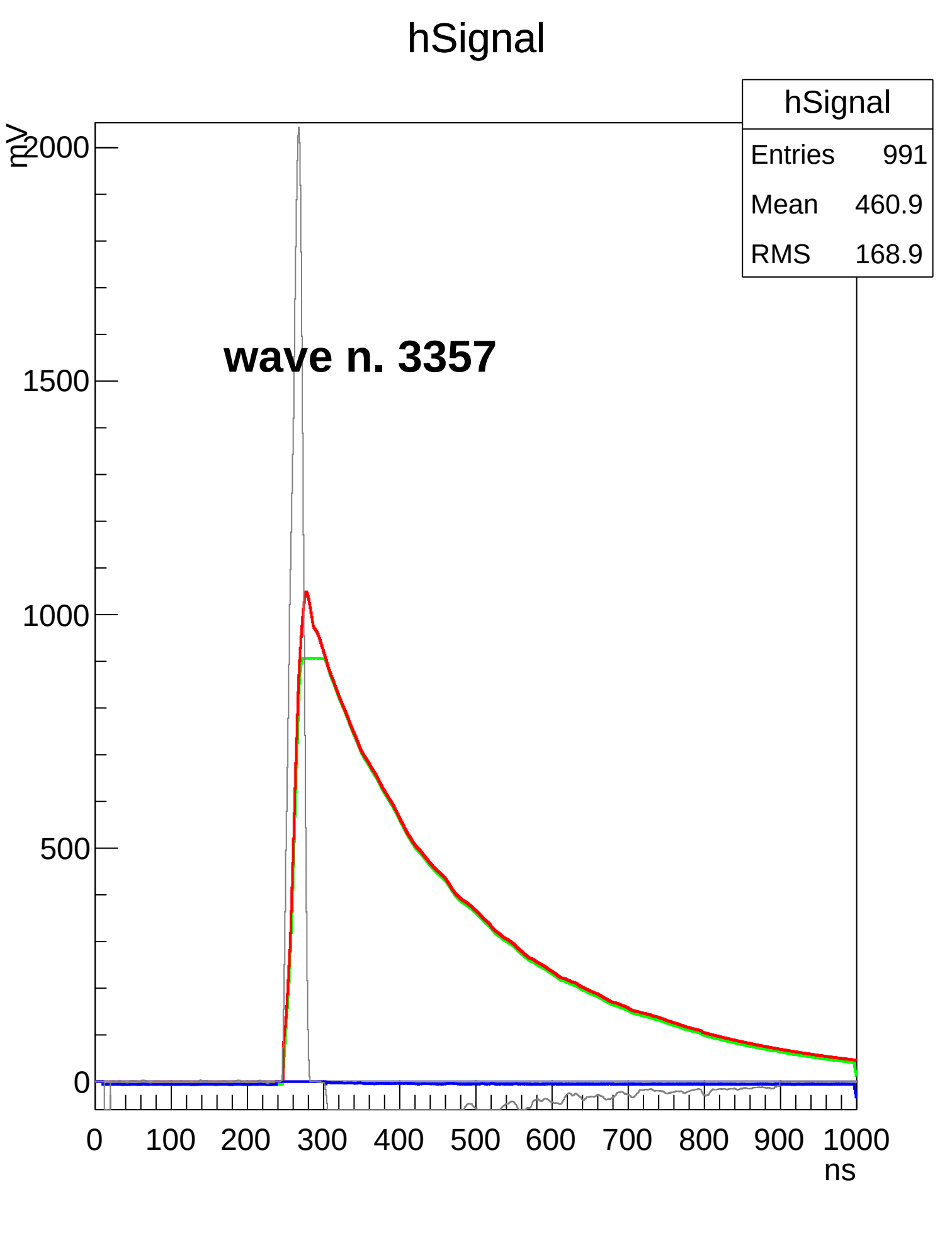
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 538.6
RMS 172
wave n. 3355
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.1
RMS 158.4
wave n. 3356
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 460.9
RMS 168.9
wave n. 3357
mV
2000
1500
1000
500
0
0
100
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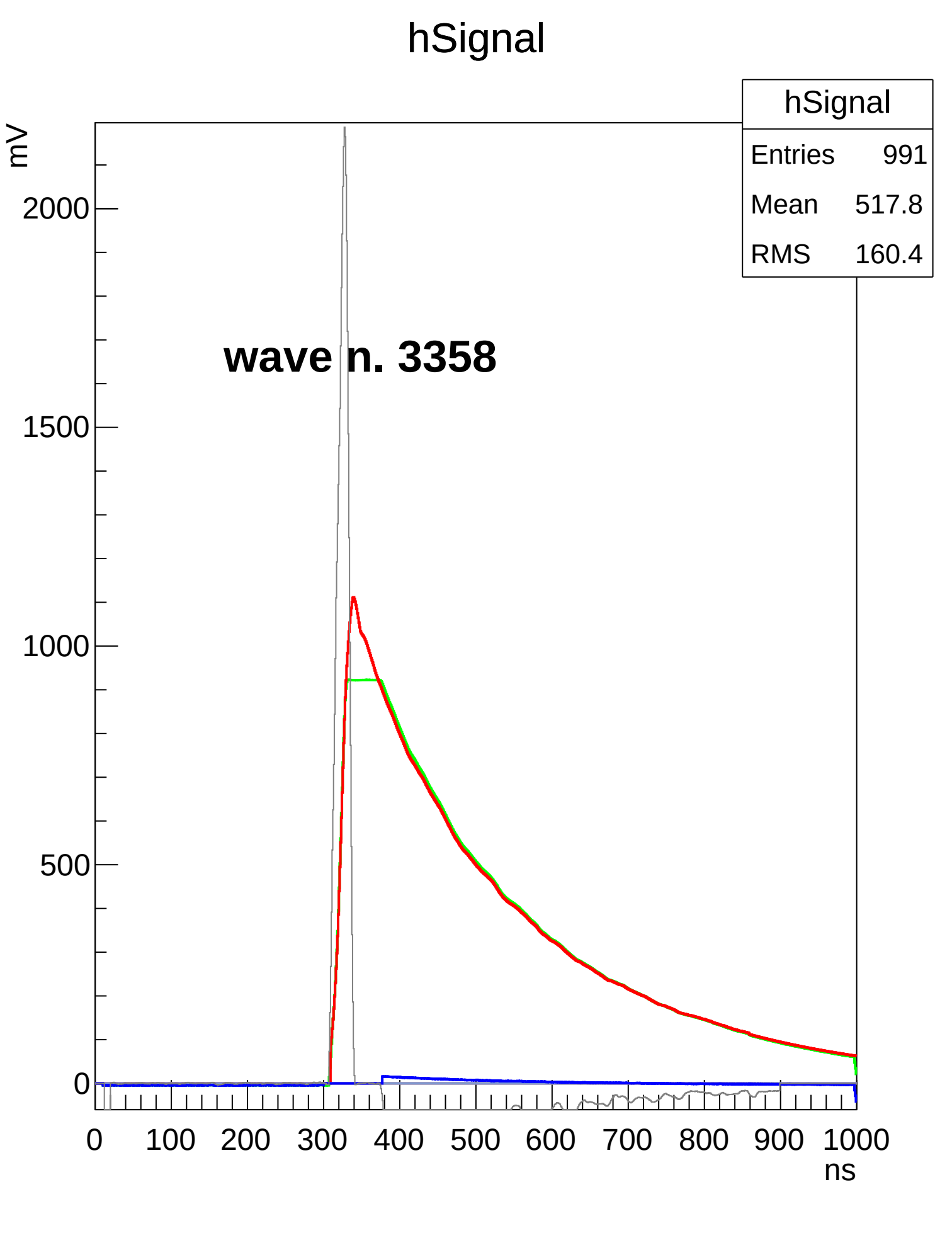
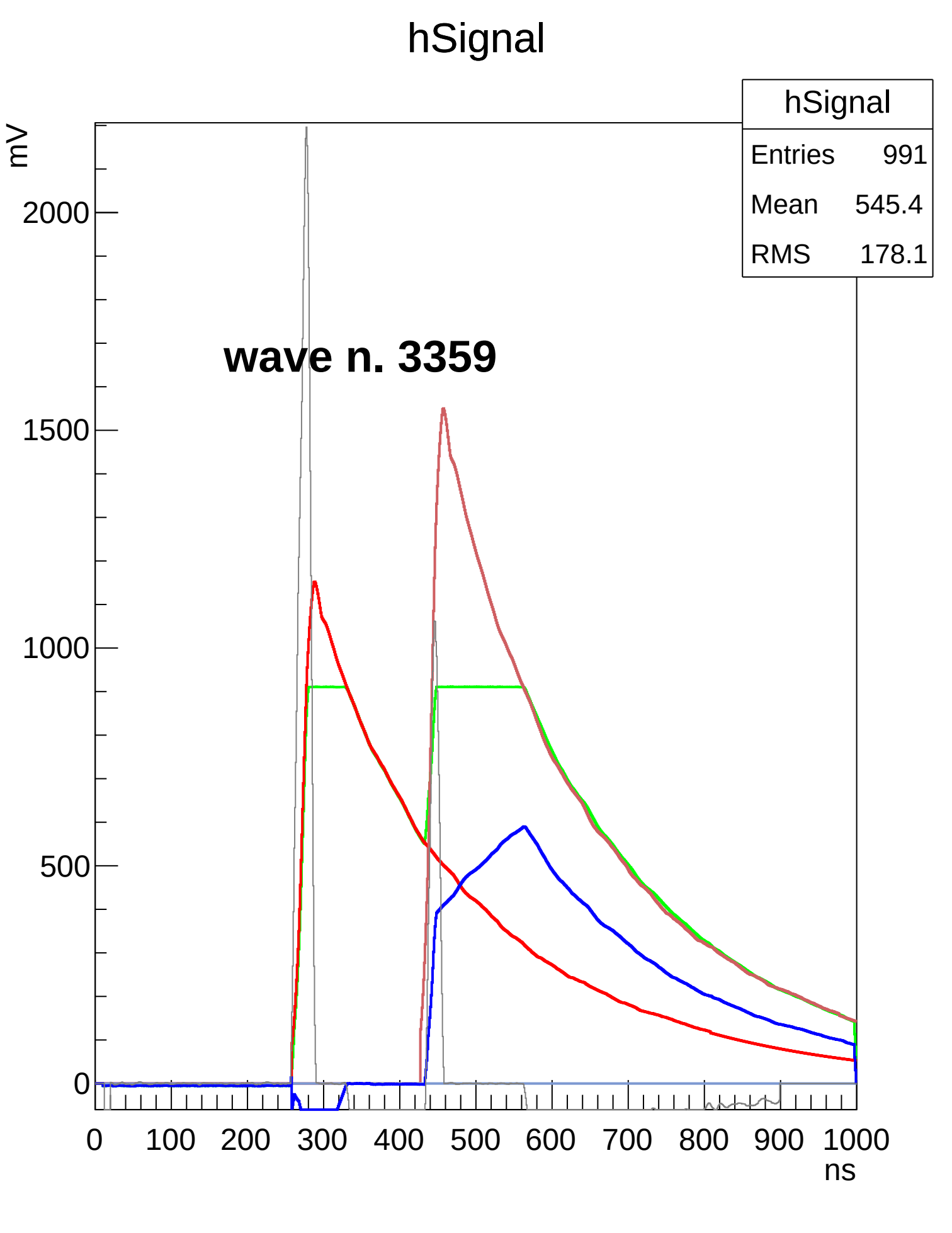
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 517.8
RMS 160.4
wave n. 3358
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 545.4
RMS 178.1
wave n. 3359
mV
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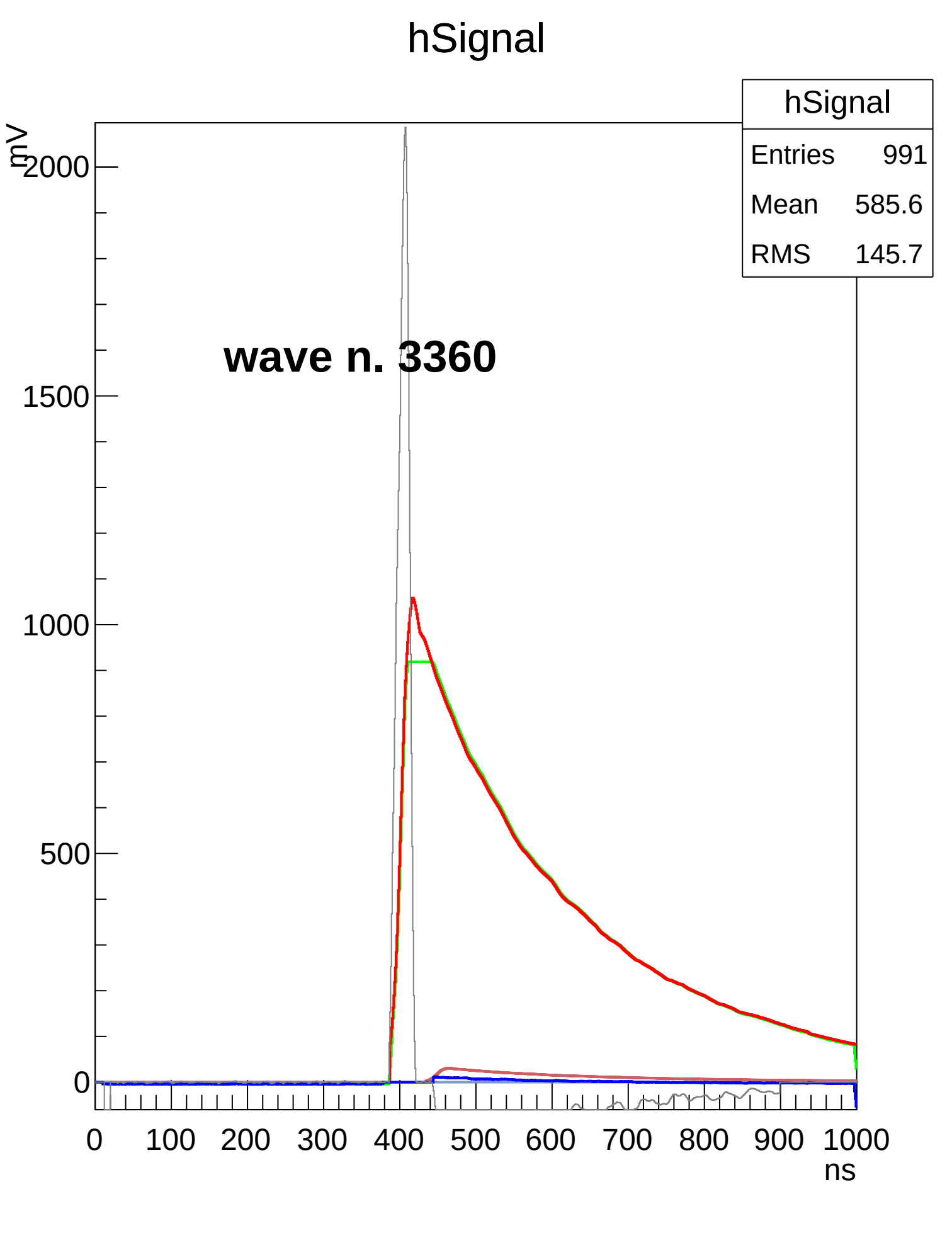
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 585.6
RMS 145.7
wave n. 3360
mV
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1000
500
0
0
100
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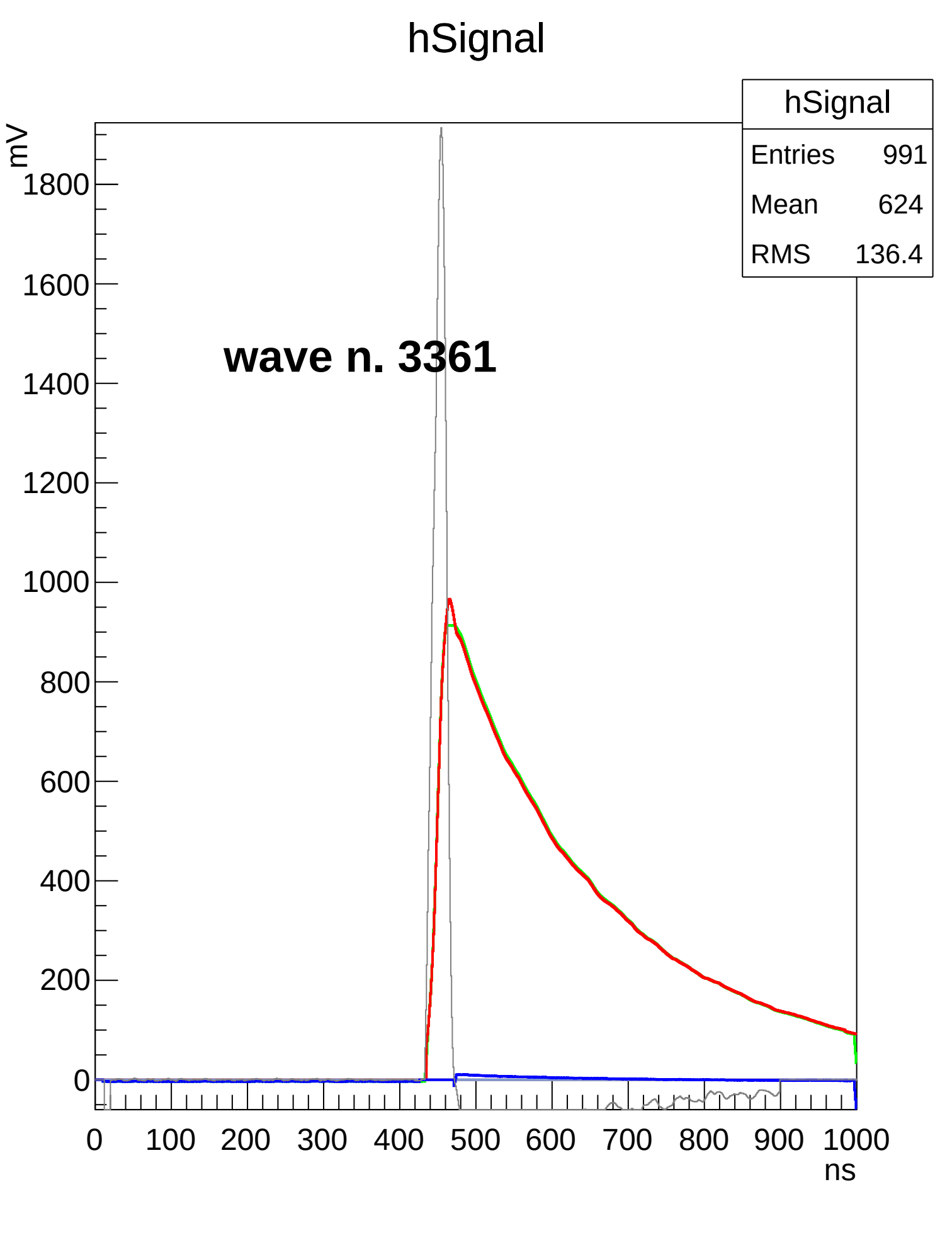
800
900
1000
ns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hSignal
Entries 991
Mean 624
RMS 136.4
wave n. 3361
mV
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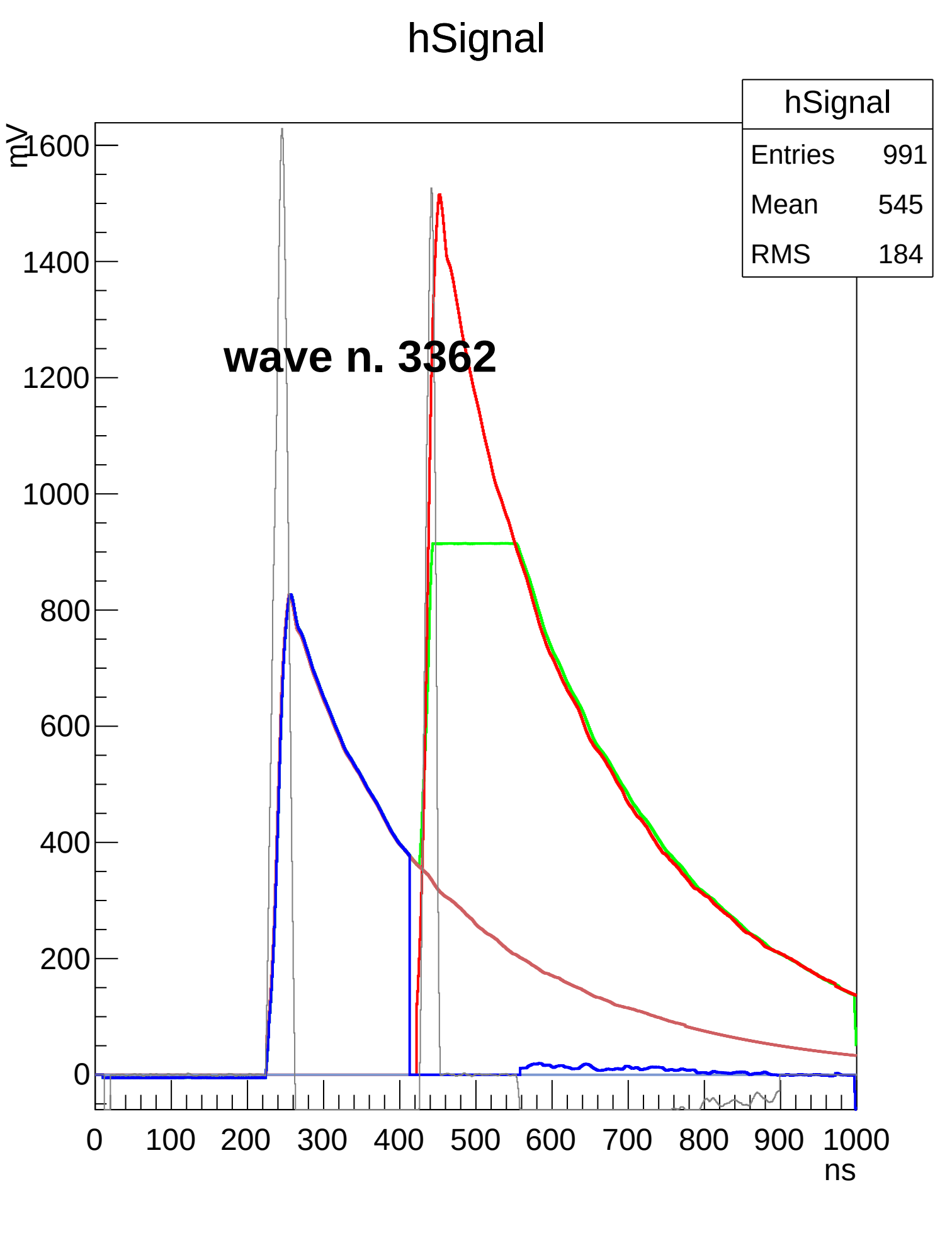
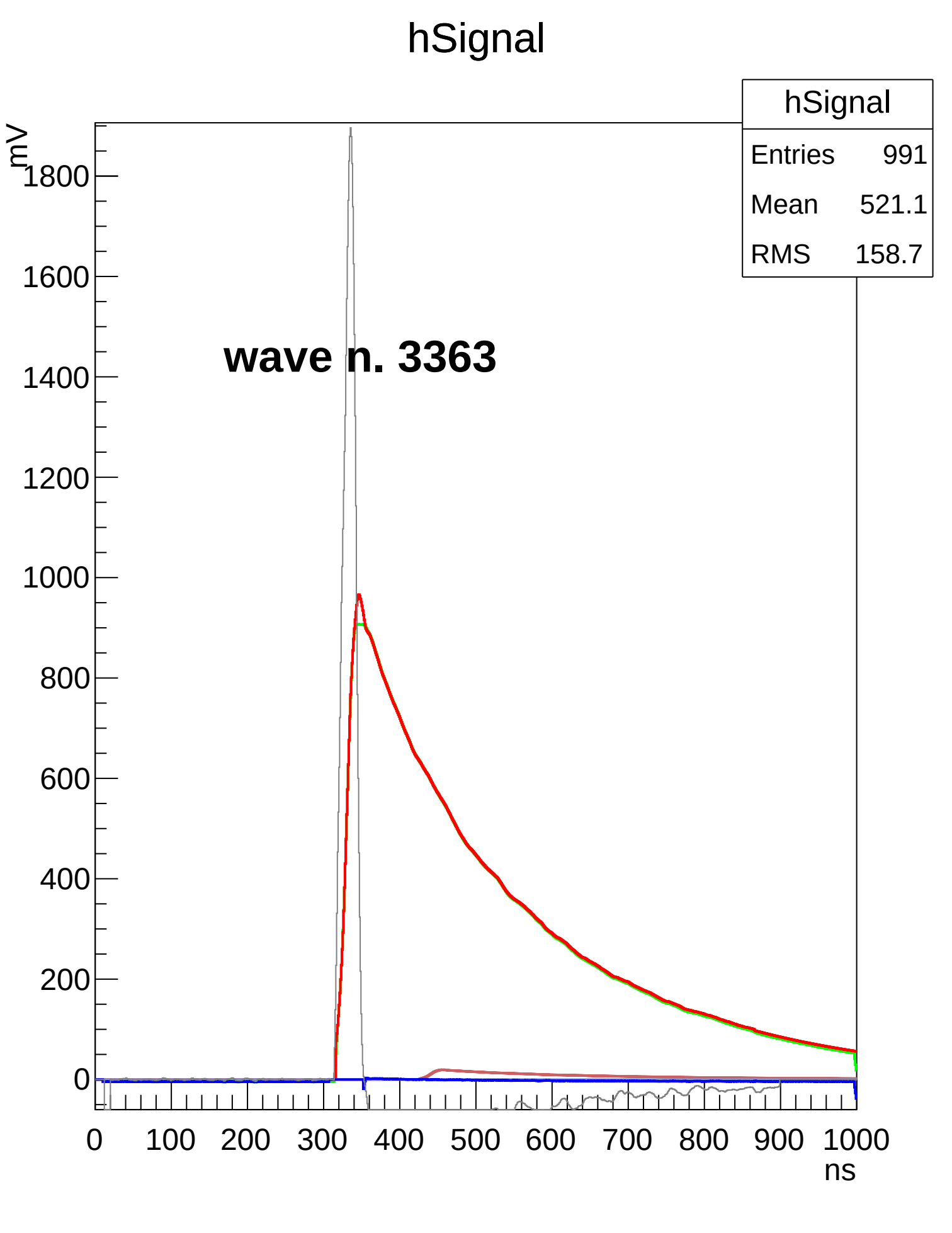
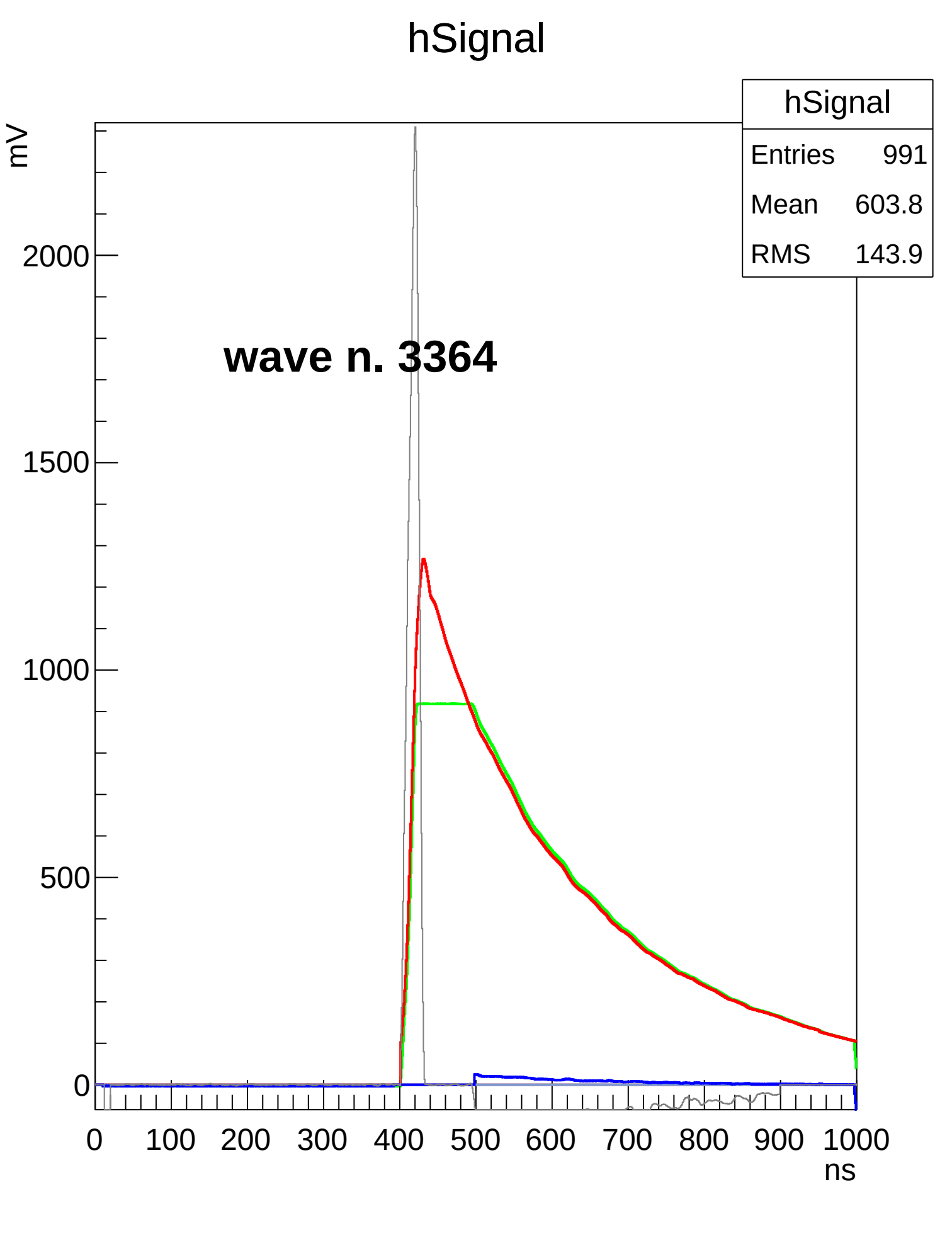
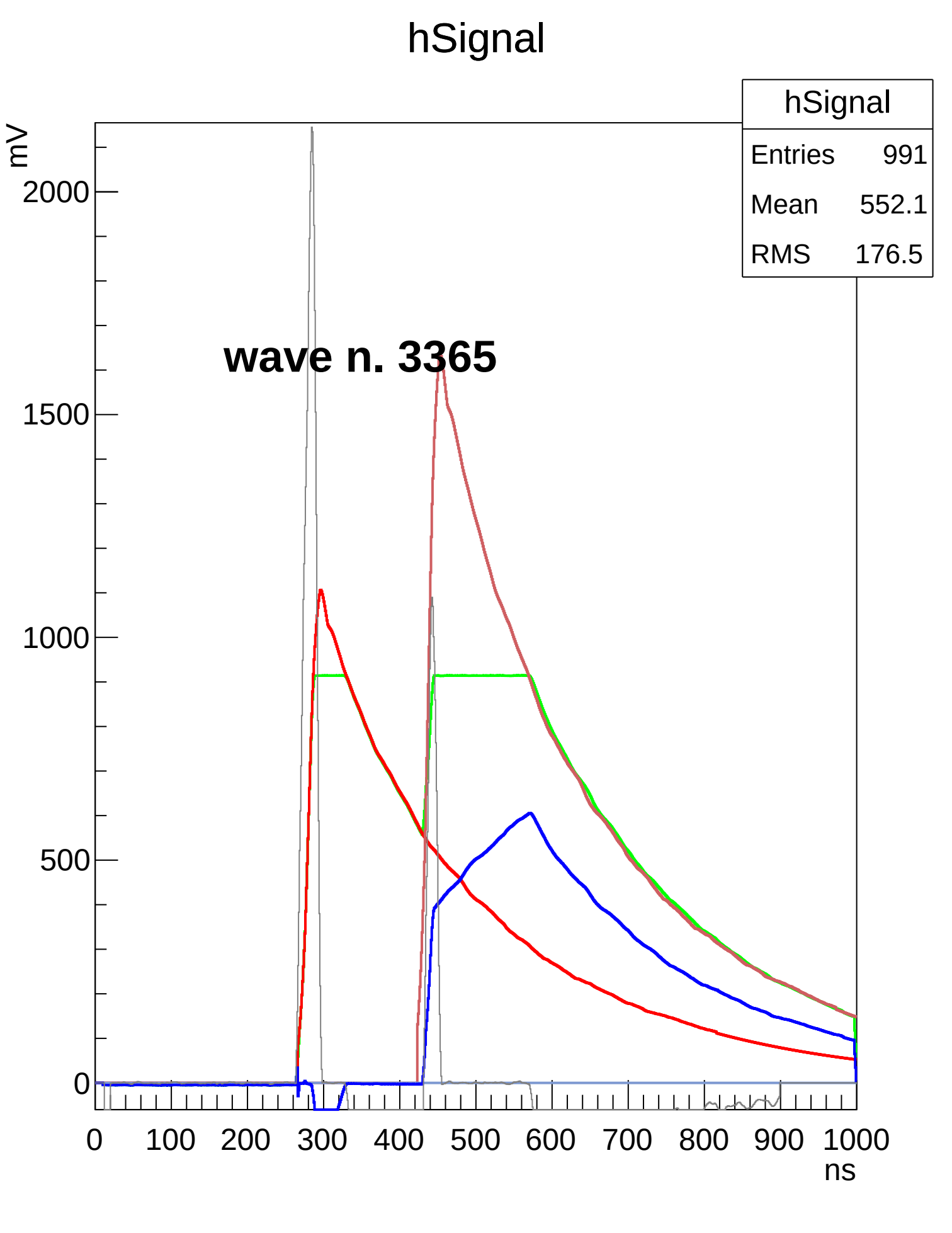
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 545
RMS 184
wave n. 3362
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 521.1
RMS 158.7
wave n. 3363
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 603.8
RMS 143.9
wave n. 3364
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 552.1
RMS 176.5
wave n. 3365
mV
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1000
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0
100
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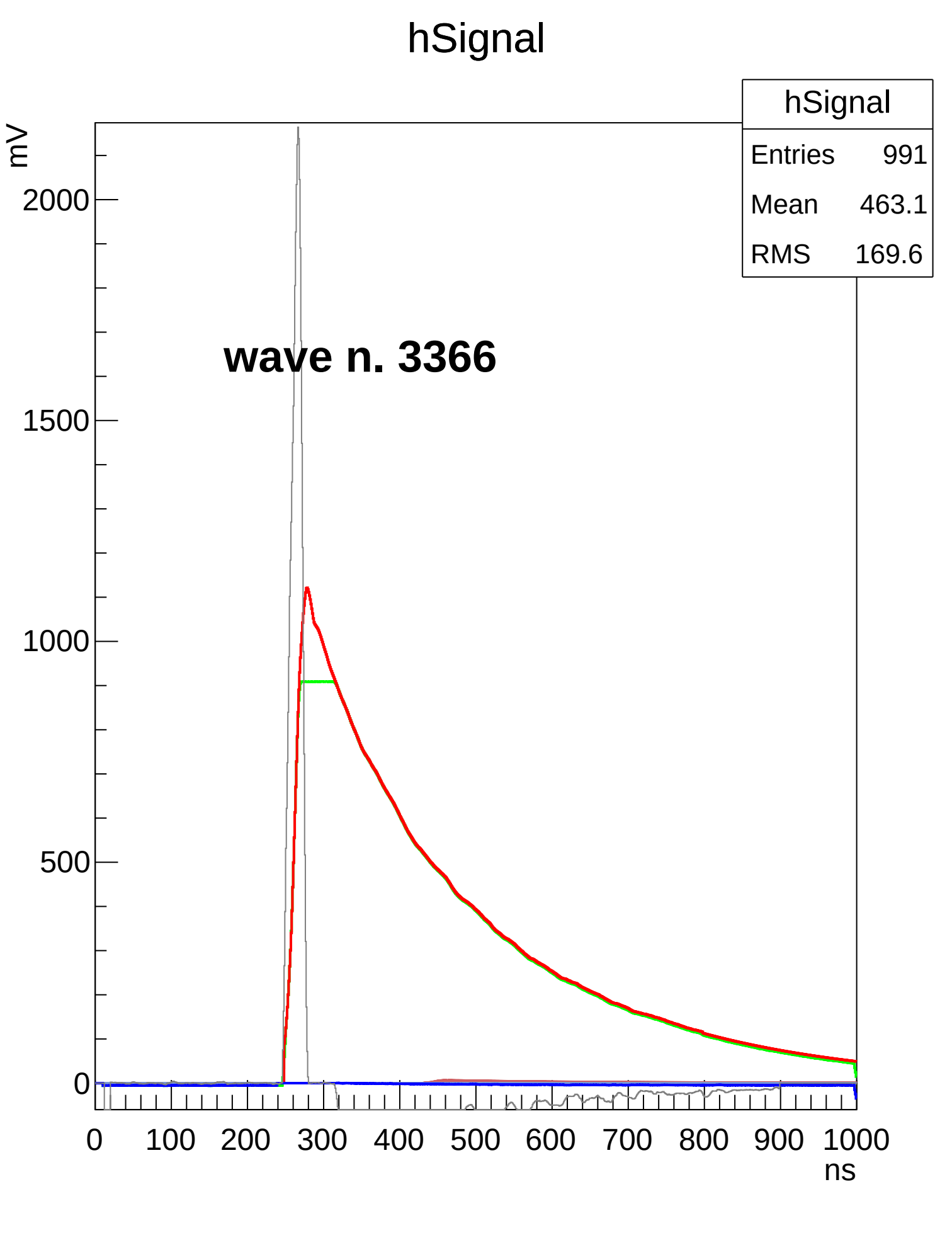
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 463.1
RMS 169.6
wave n. 3366
mV
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1500
1000
500
0
0
100
200
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400
500
600
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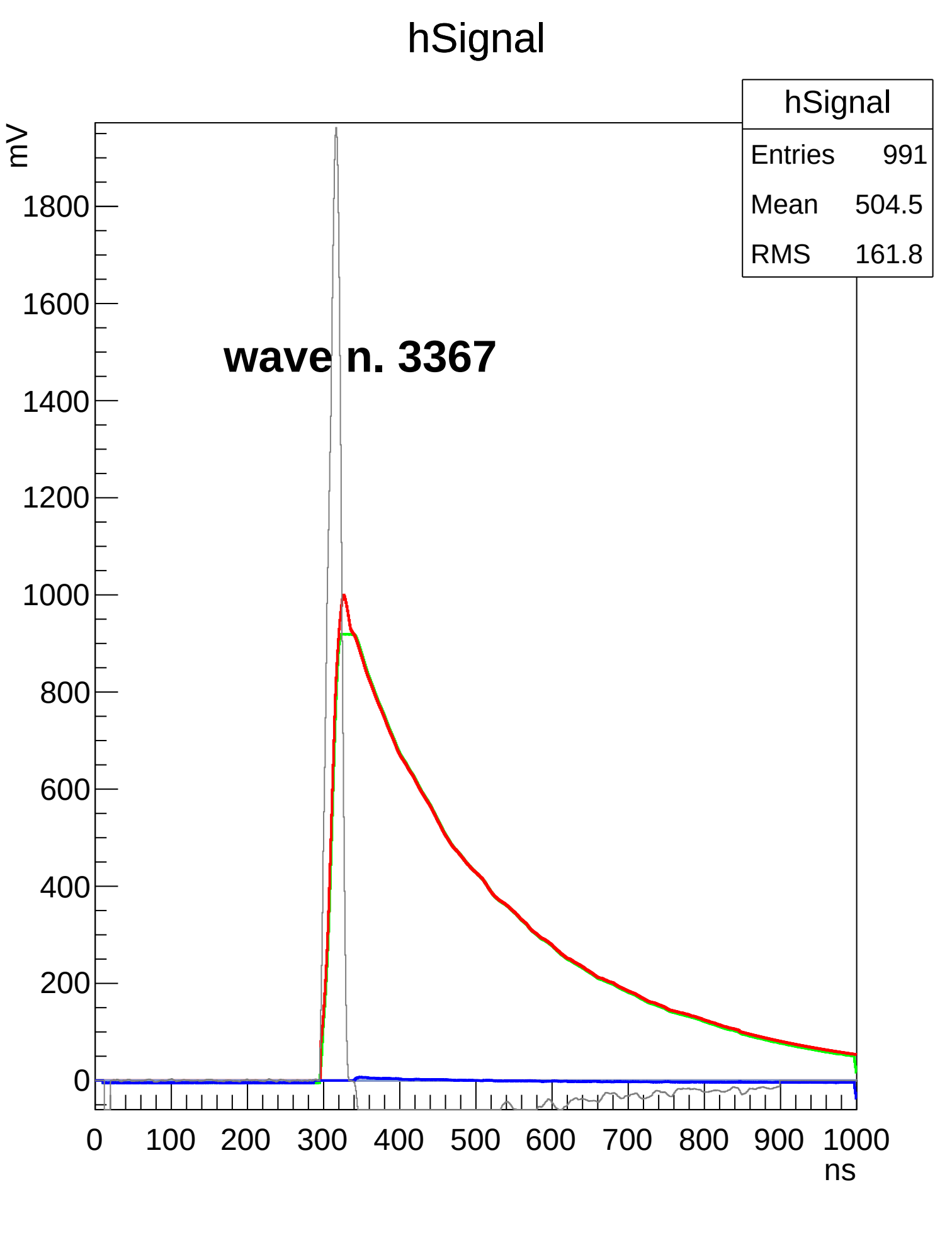
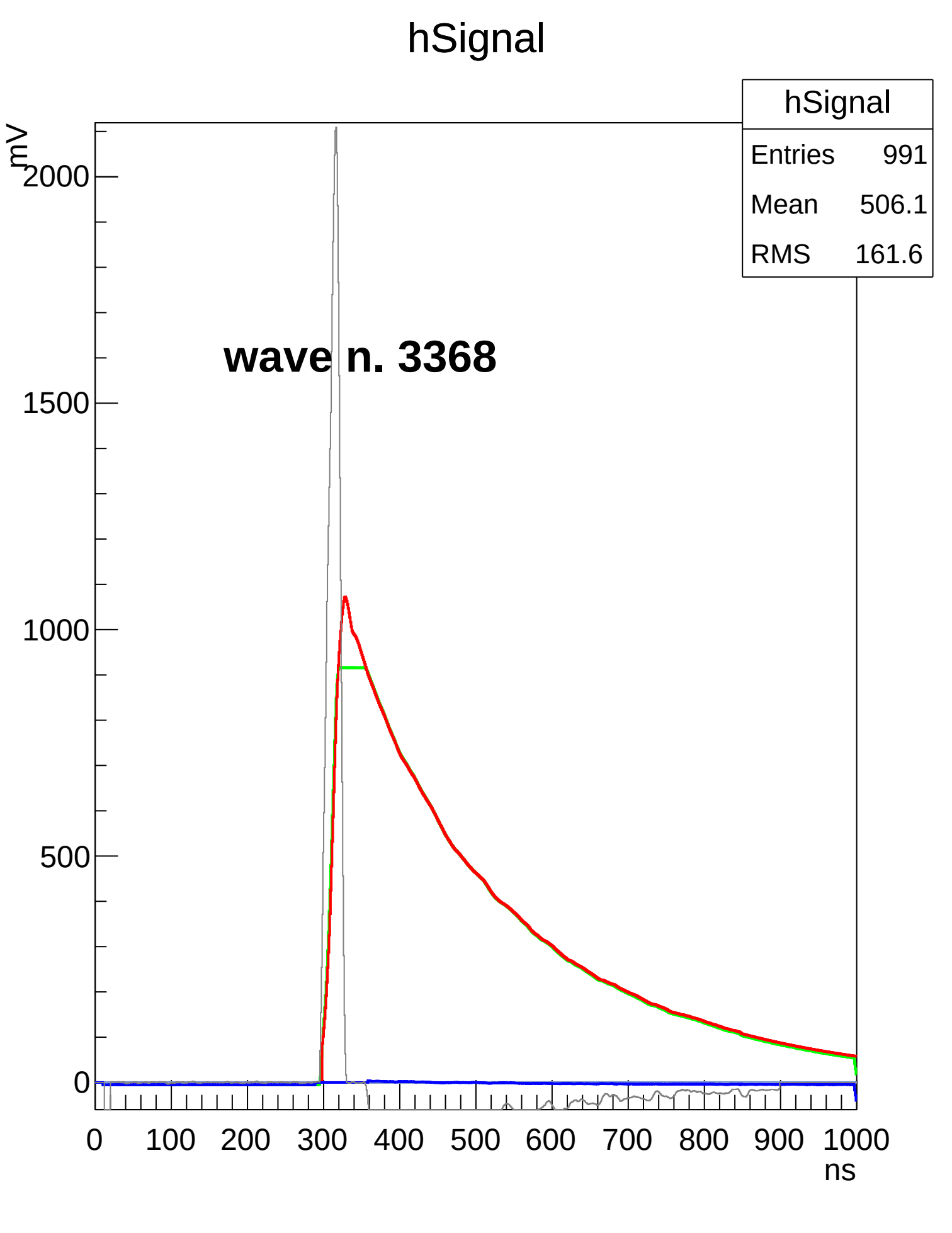
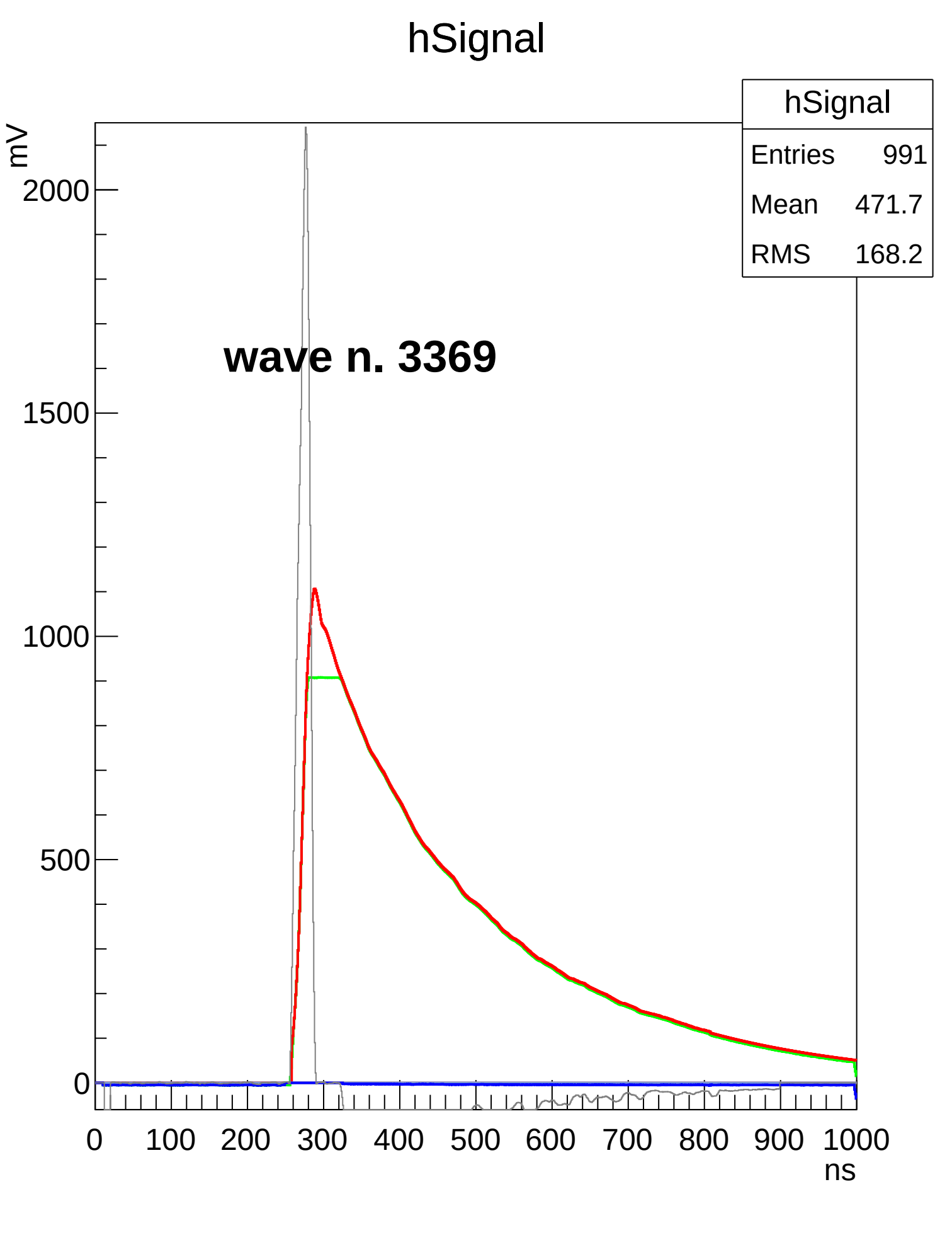
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.5
RMS 161.8
wave n. 3367
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 506.1
RMS 161.6
wave n. 3368
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 471.7
RMS 168.2
wave n. 3369
mV
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1000
500
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0
100
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400
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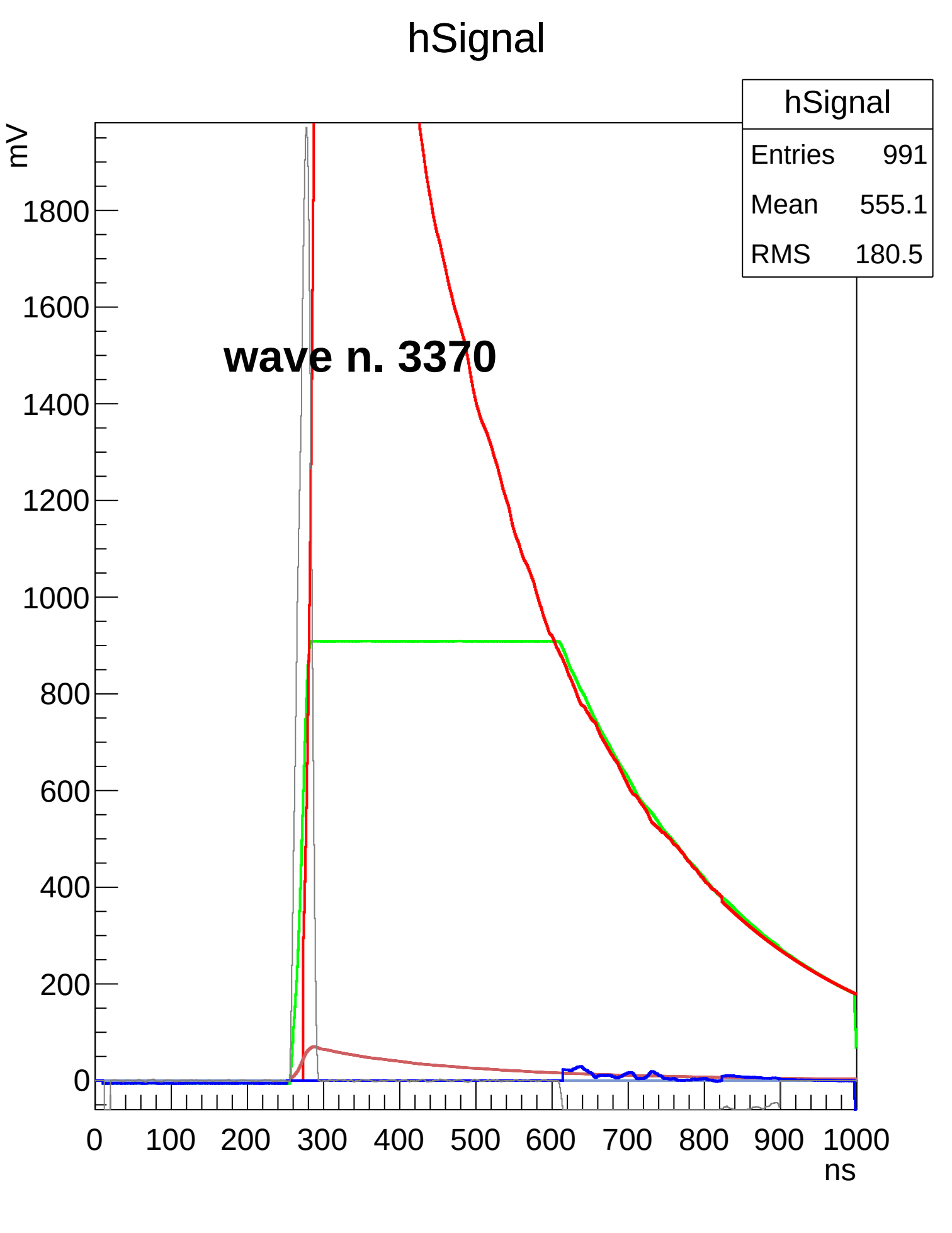
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 555.1
RMS 180.5
wave n. 3370
mV
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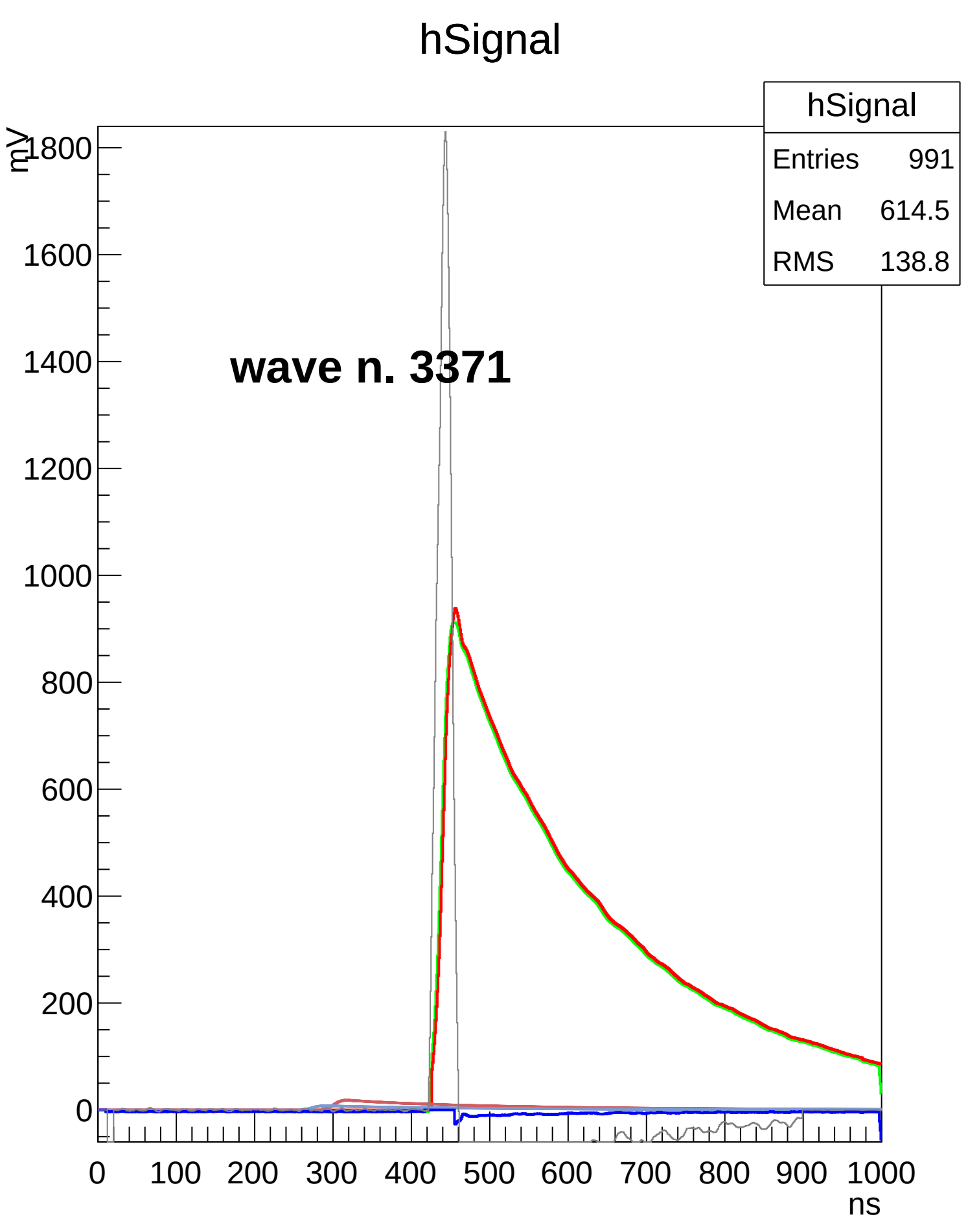
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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Entries 991
Mean 614.5
RMS 138.8
wave n. 3371
mV
1800
1600
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1000
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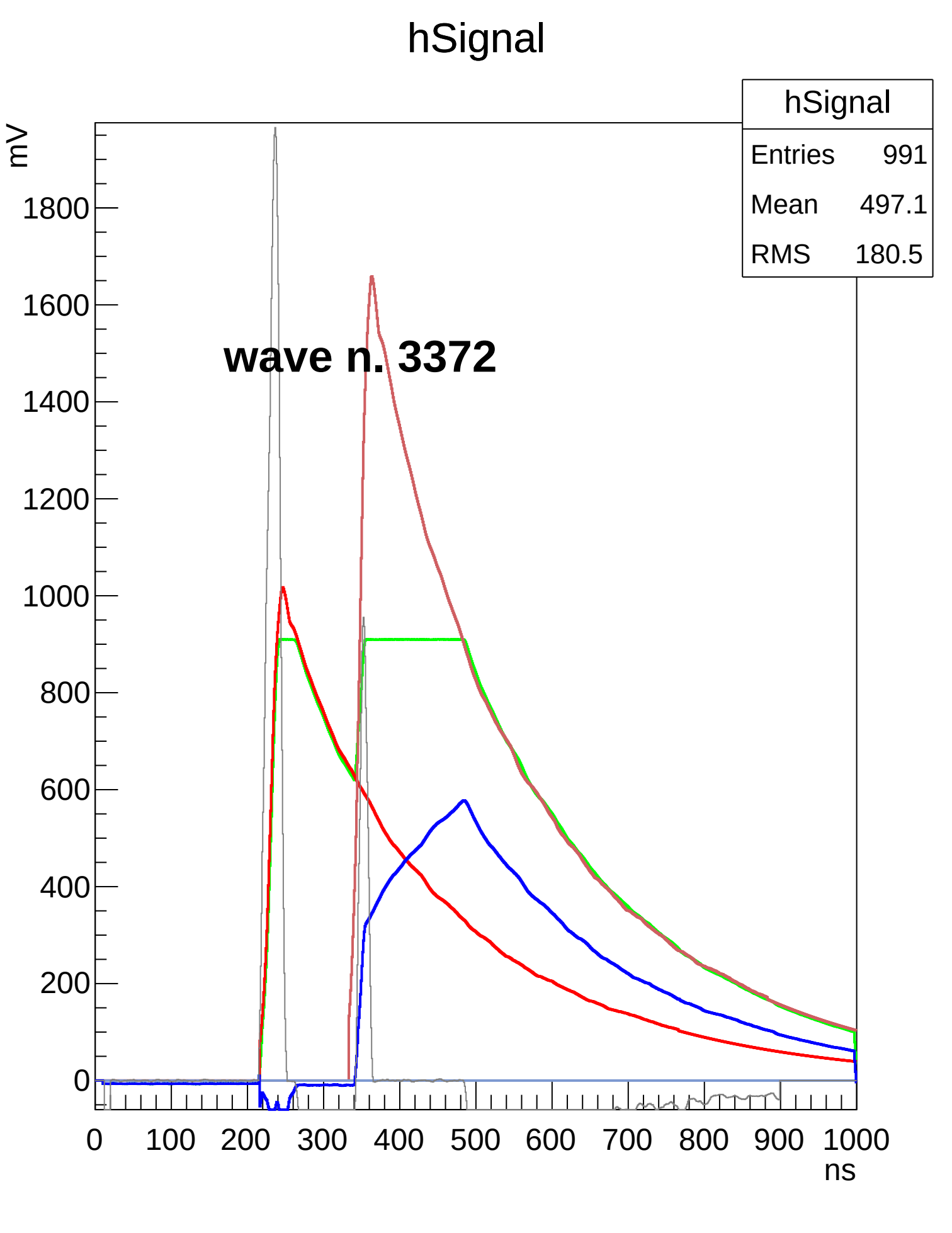
hSignal
hSignal
Entries 991
Mean 497.1
RMS 180.5
wave n. 3372
mV
1800
1600
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1200
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600
400
200
0
0
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200
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400
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1000
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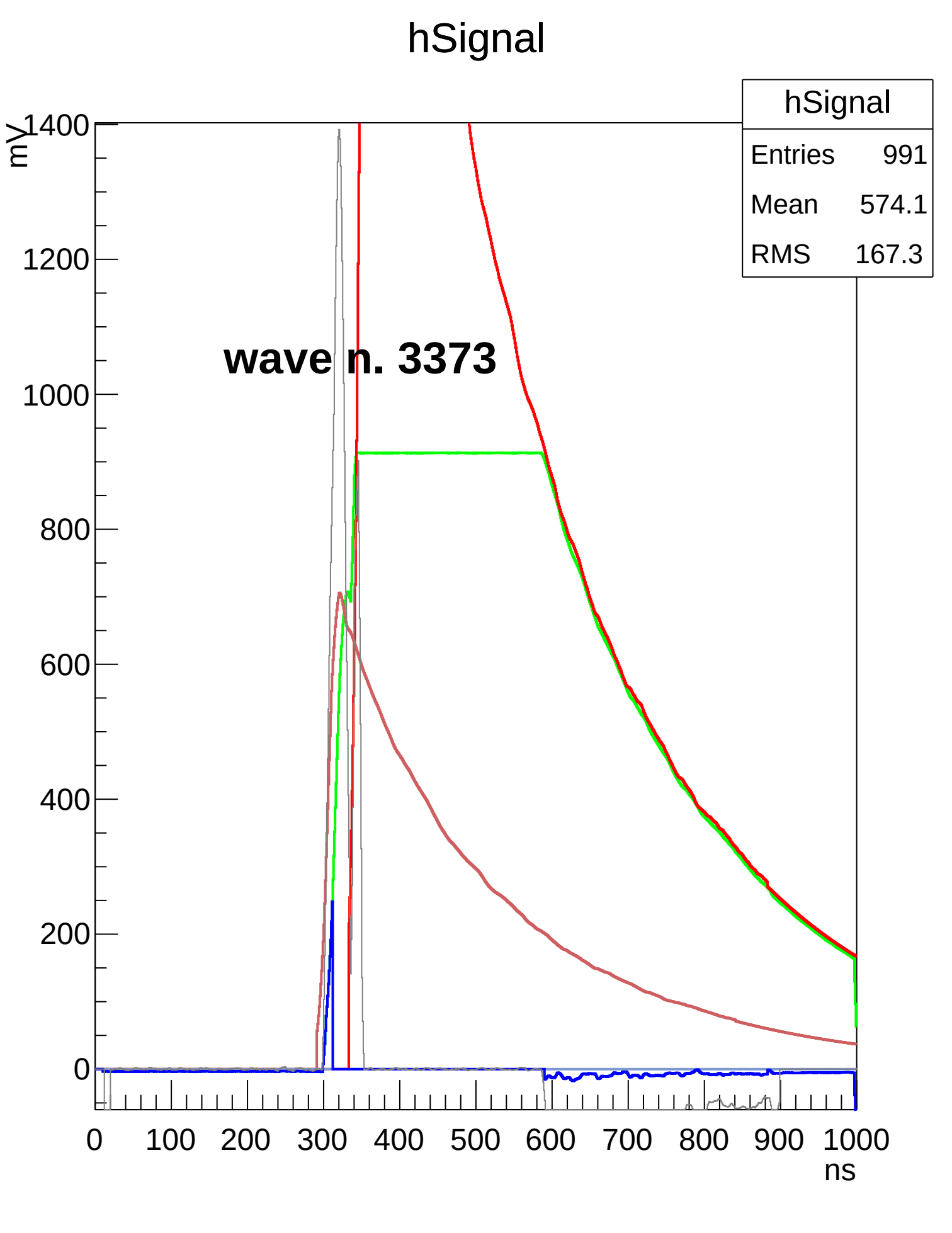
hSignal
hSignal
Entries 991
Mean 574.1
RMS 167.3
wave n. 3373
mV
1400
1200
1000
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600
400
200
0
0
100
200
300
400
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1000
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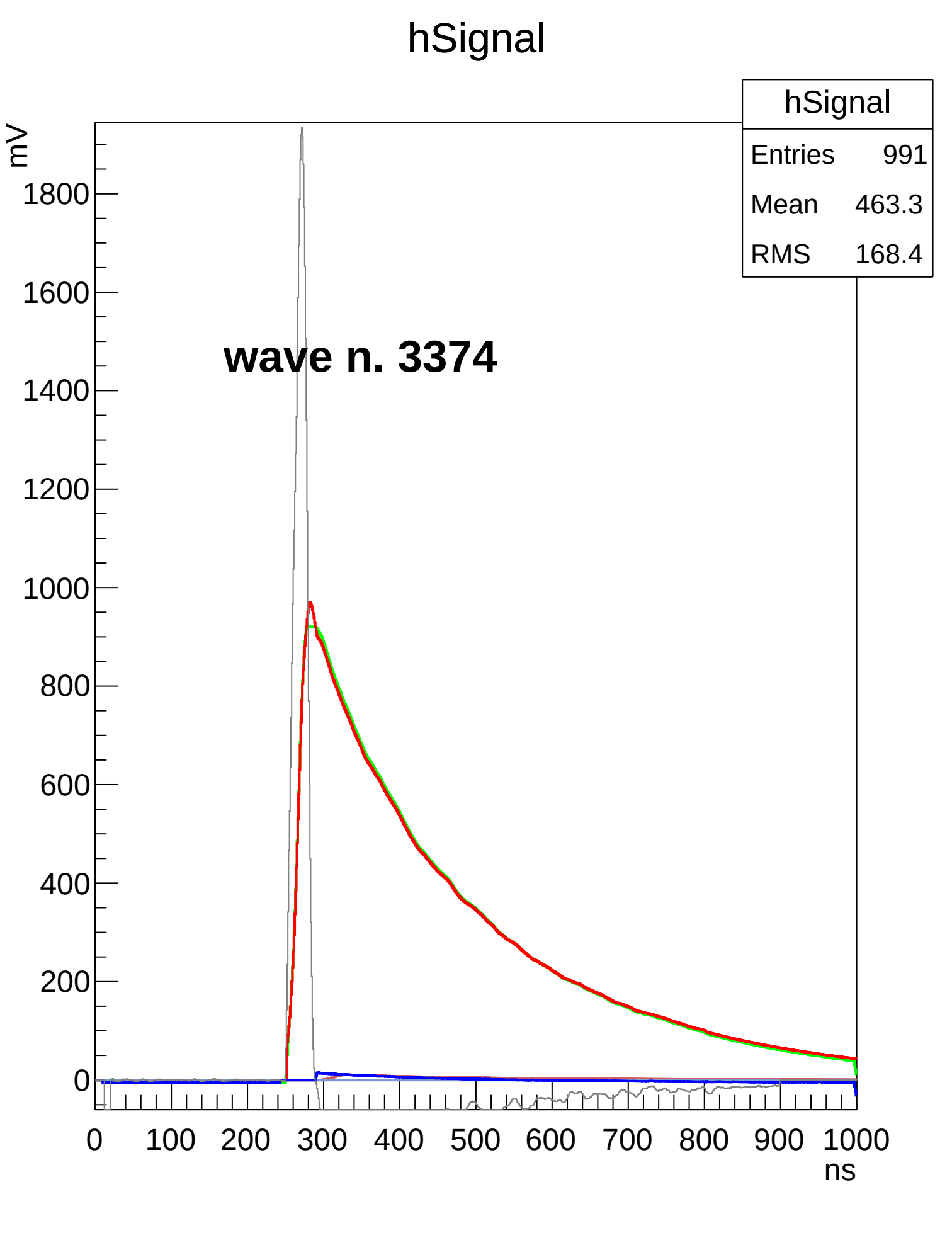
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hSignal
Entries 991
Mean 463.3
RMS 168.4
wave n. 3374
mV
1800
1600
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1000
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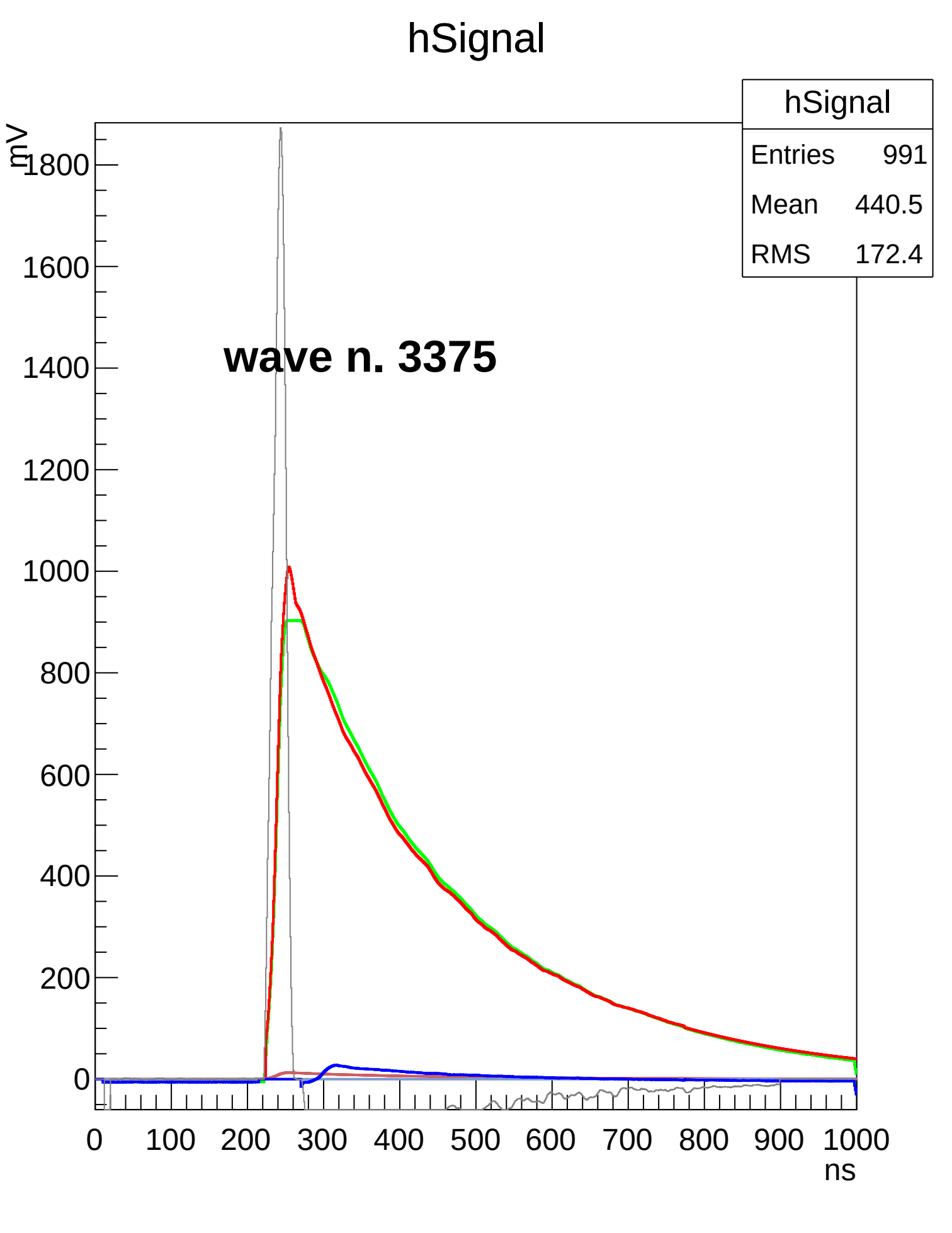
hSignal
hSignal
Entries 991
Mean 440.5
RMS 172.4
wave n. 3375
mV
1800
1600
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200
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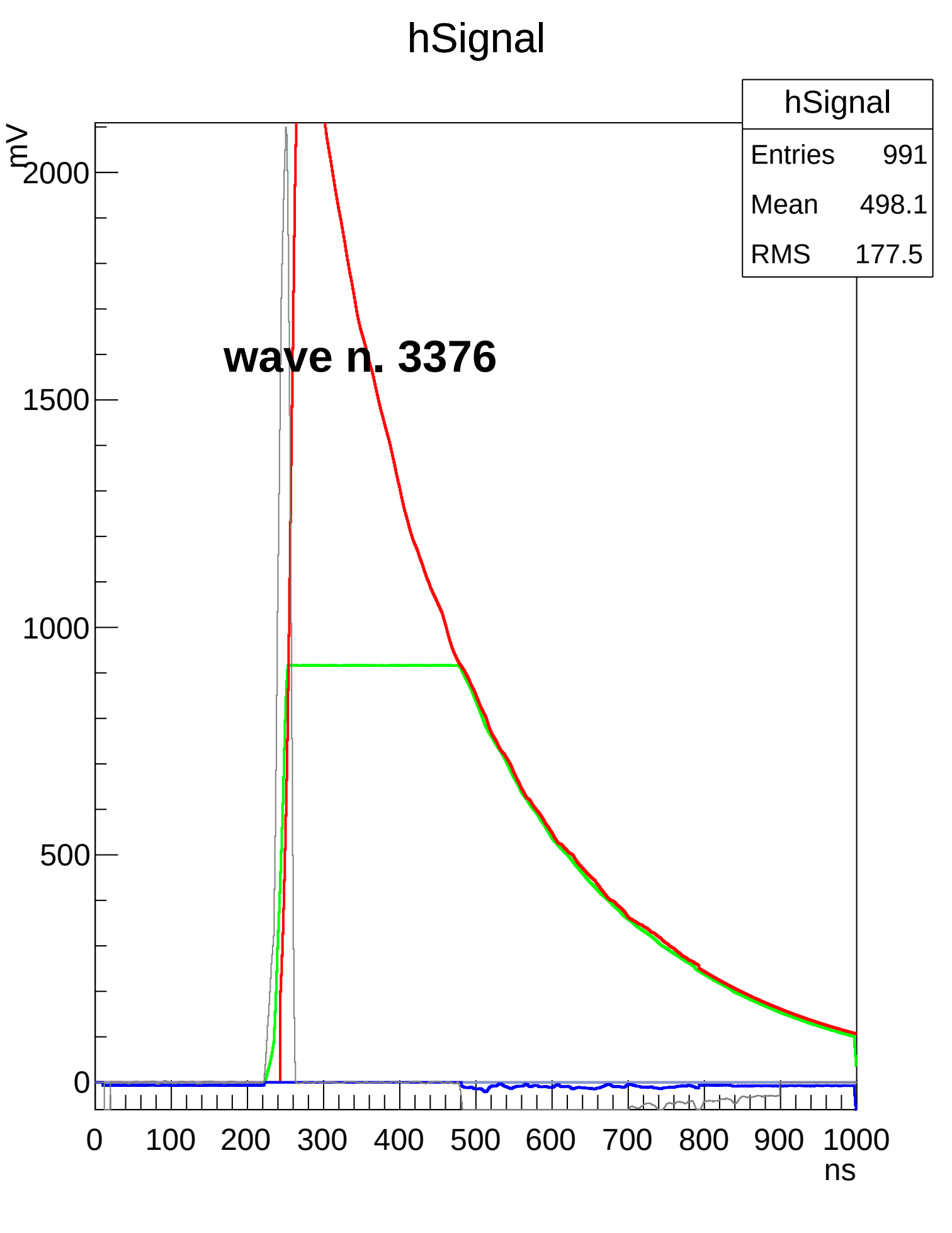
hSignal
hSignal
Entries 991
Mean 498.1
RMS 177.5
wave n. 3376
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1500
1000
500
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0
100
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800
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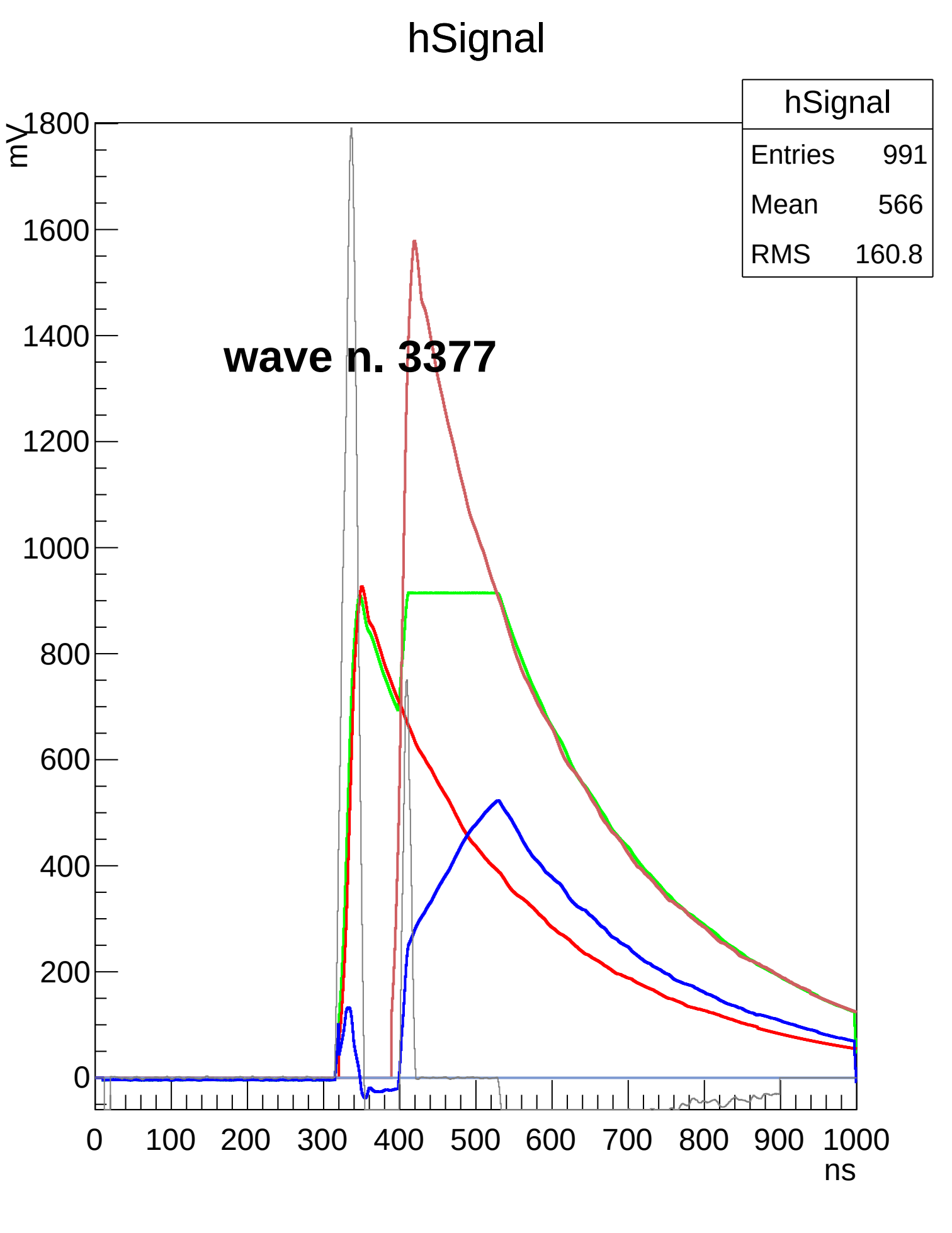
1000
ns


hSignal
hSignal
Entries 991
Mean 566
RMS 160.8
wave n. 3377
mV
1800
1600
1400
1200
1000
800
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400
200
0
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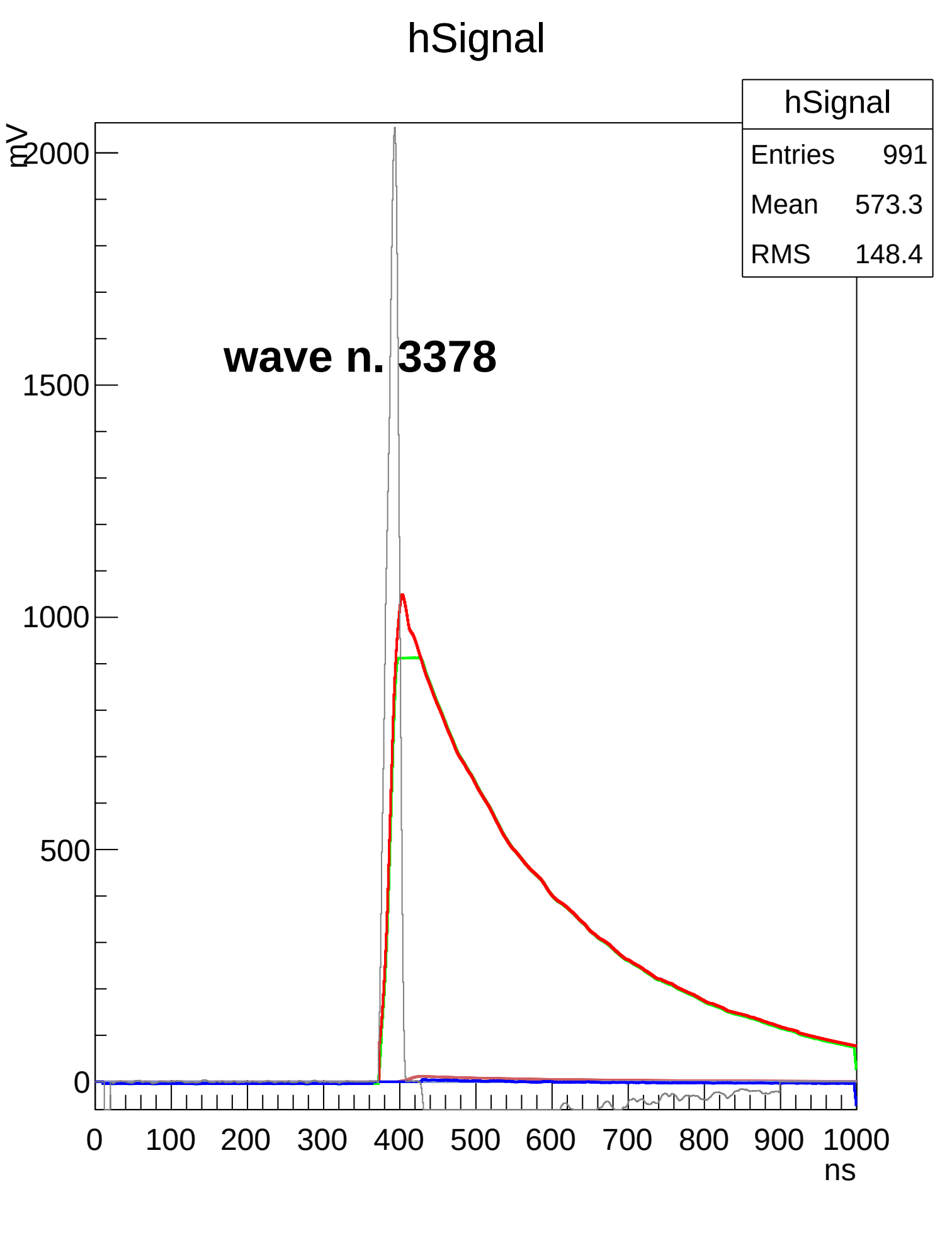
ns


hSignal
hSignal
Entries 991
Mean 573.3
RMS 148.4
wave n. 3378
mV
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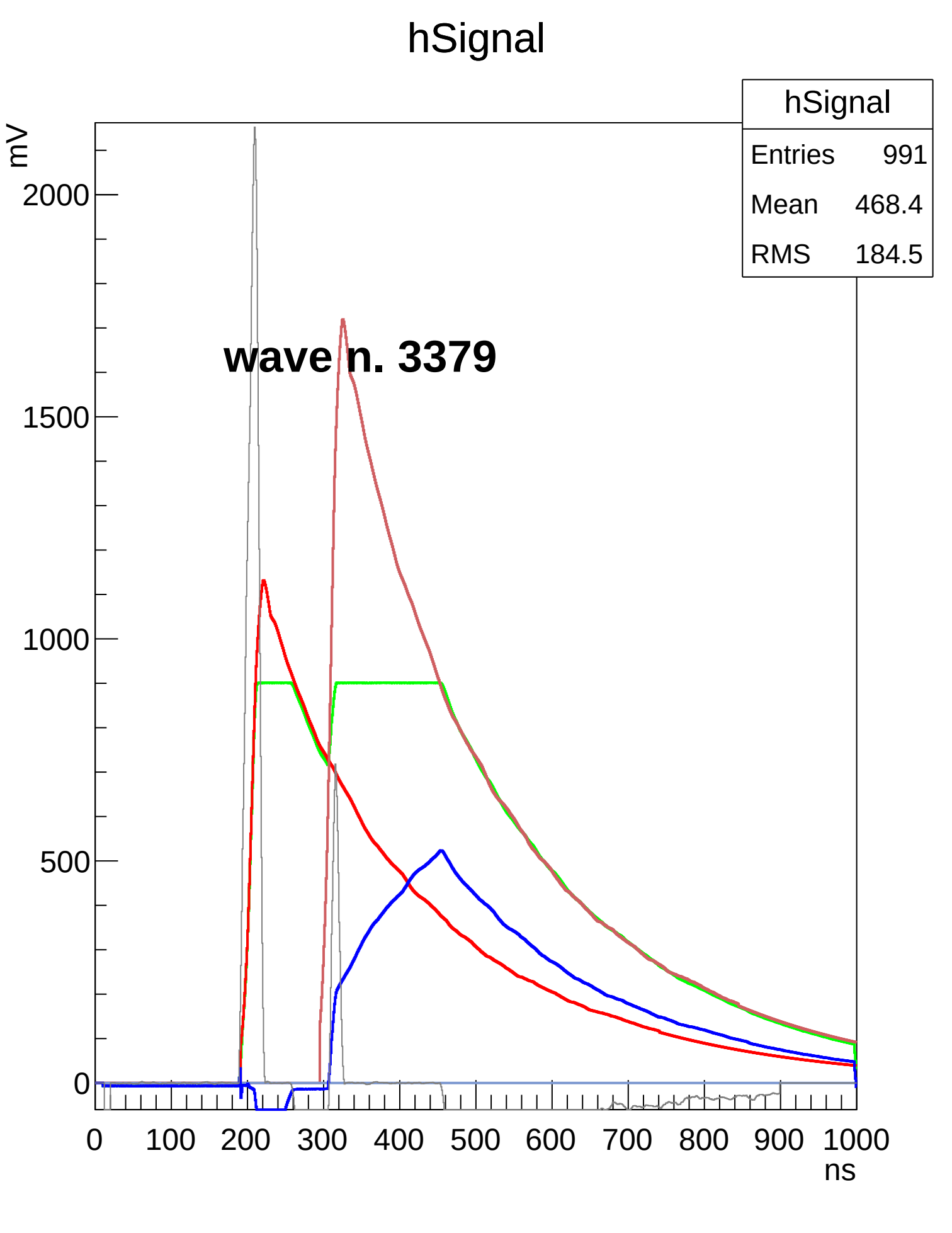
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 468.4
RMS 184.5
wave n. 3379
mV
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500
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0
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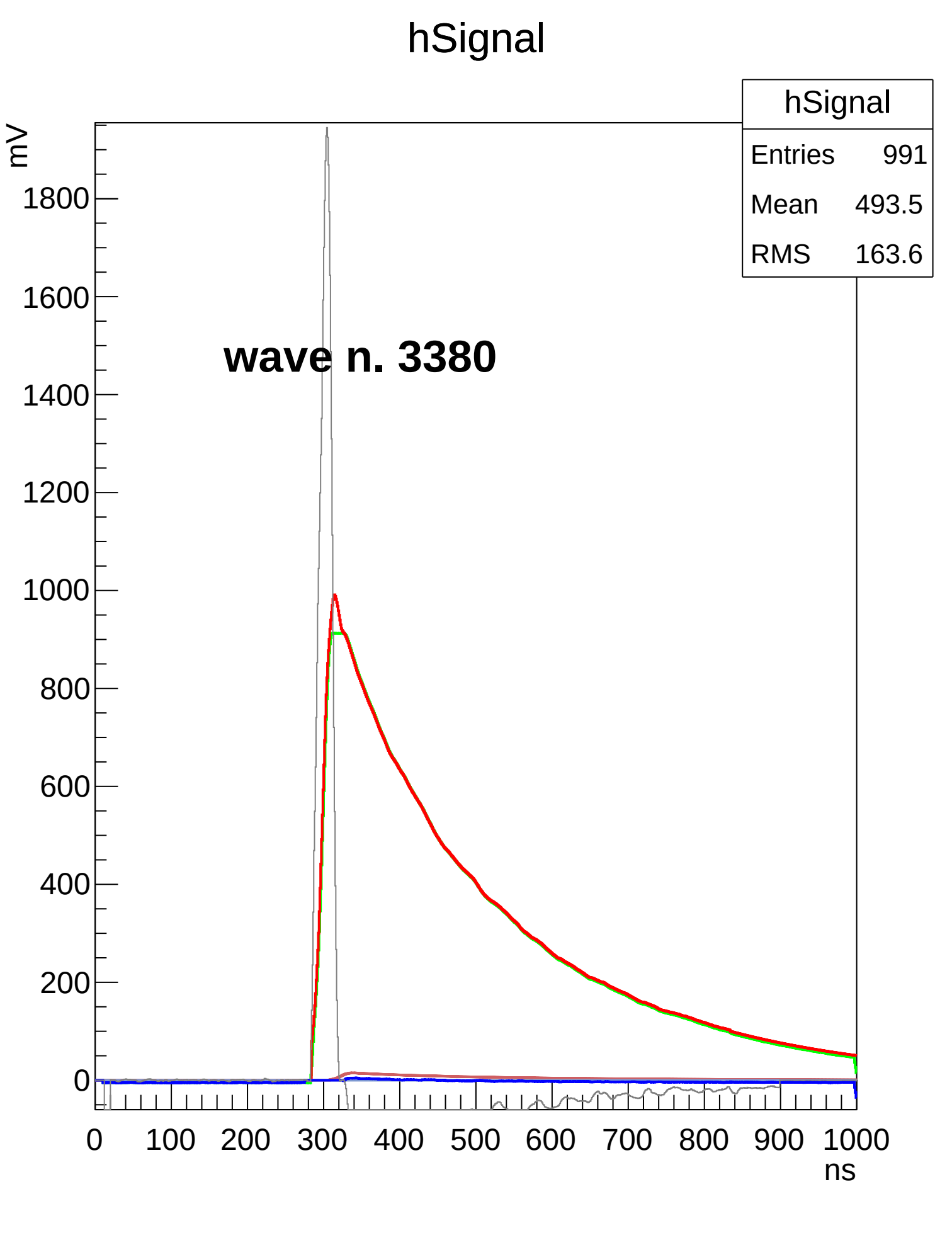
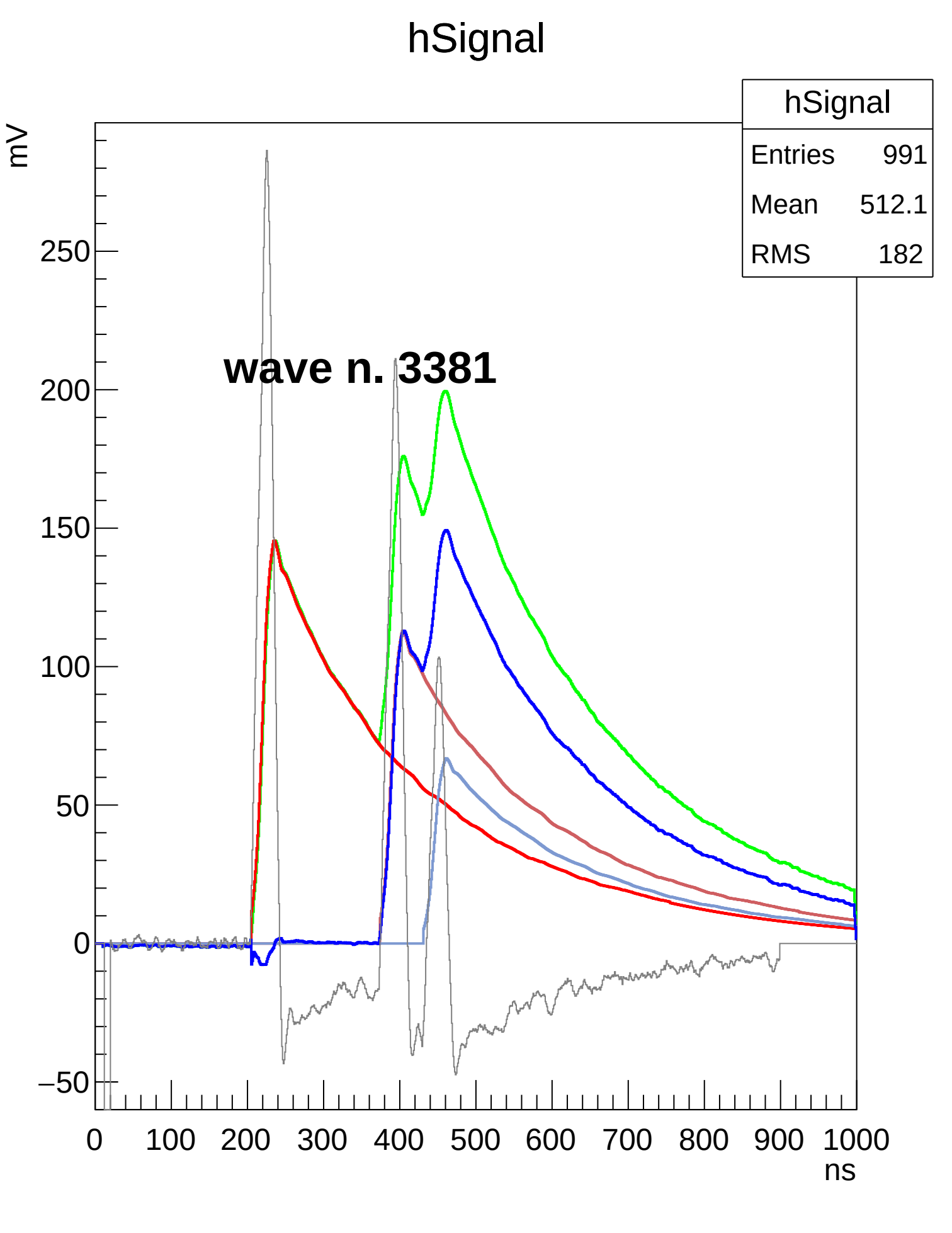
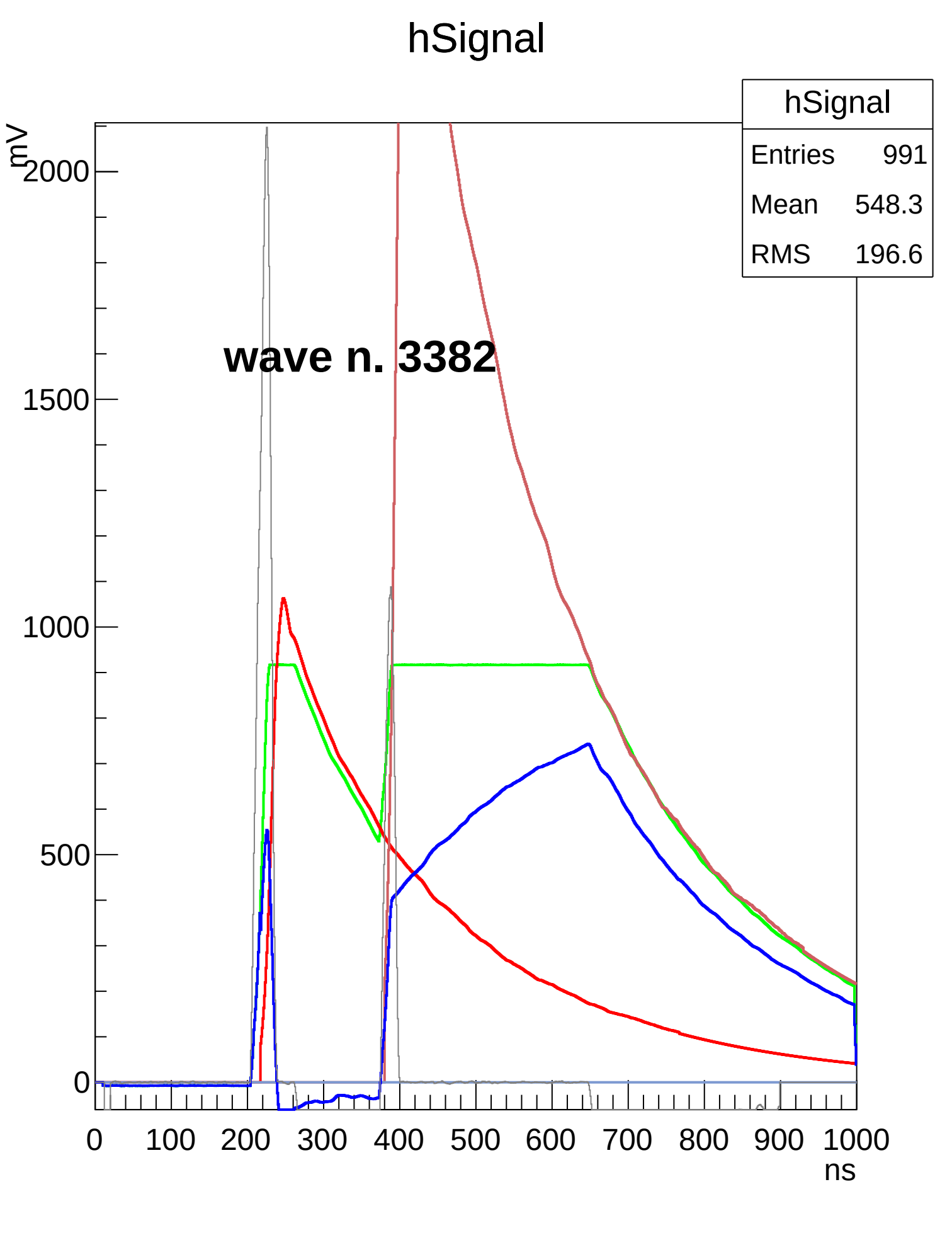
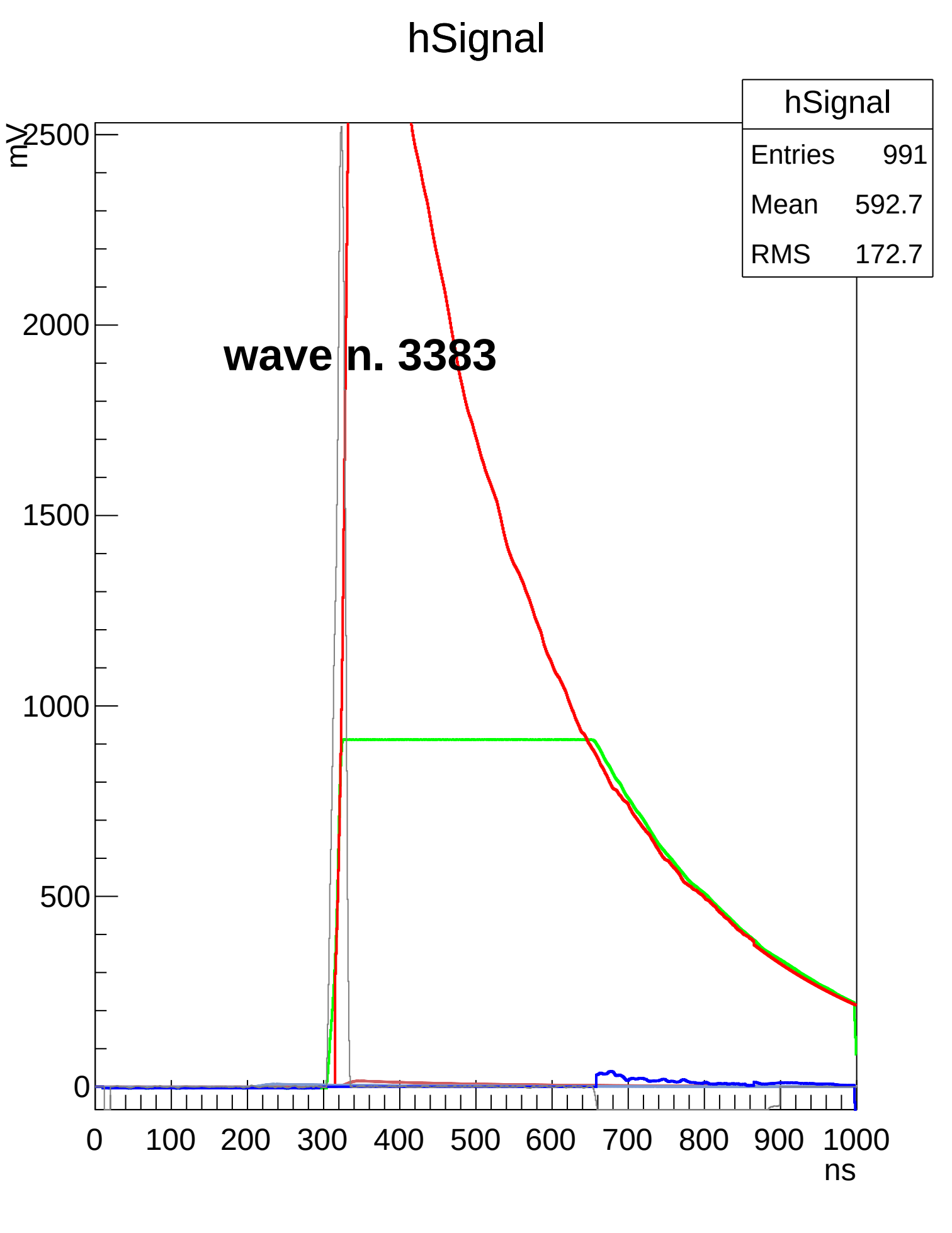
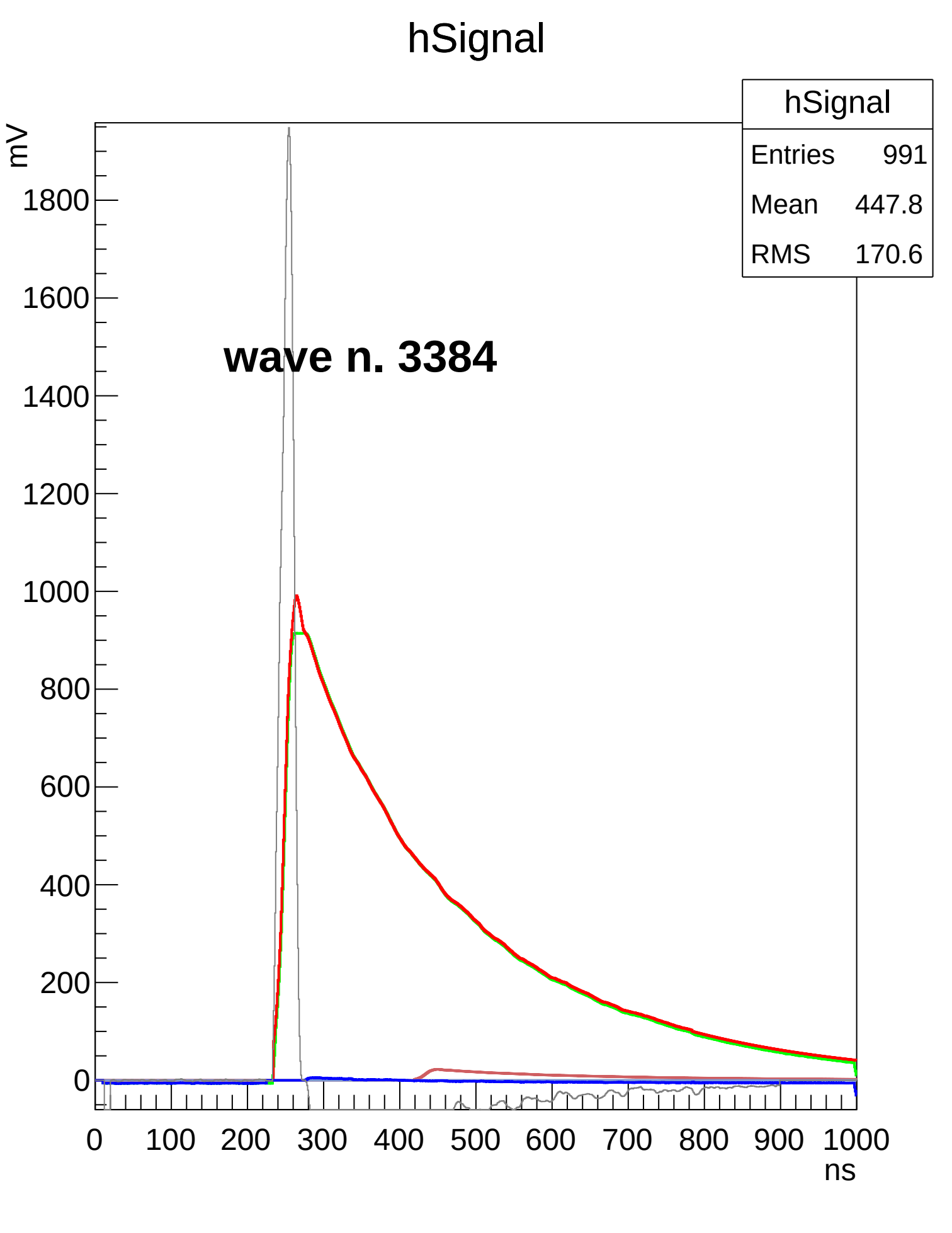
800
900
1000
ns

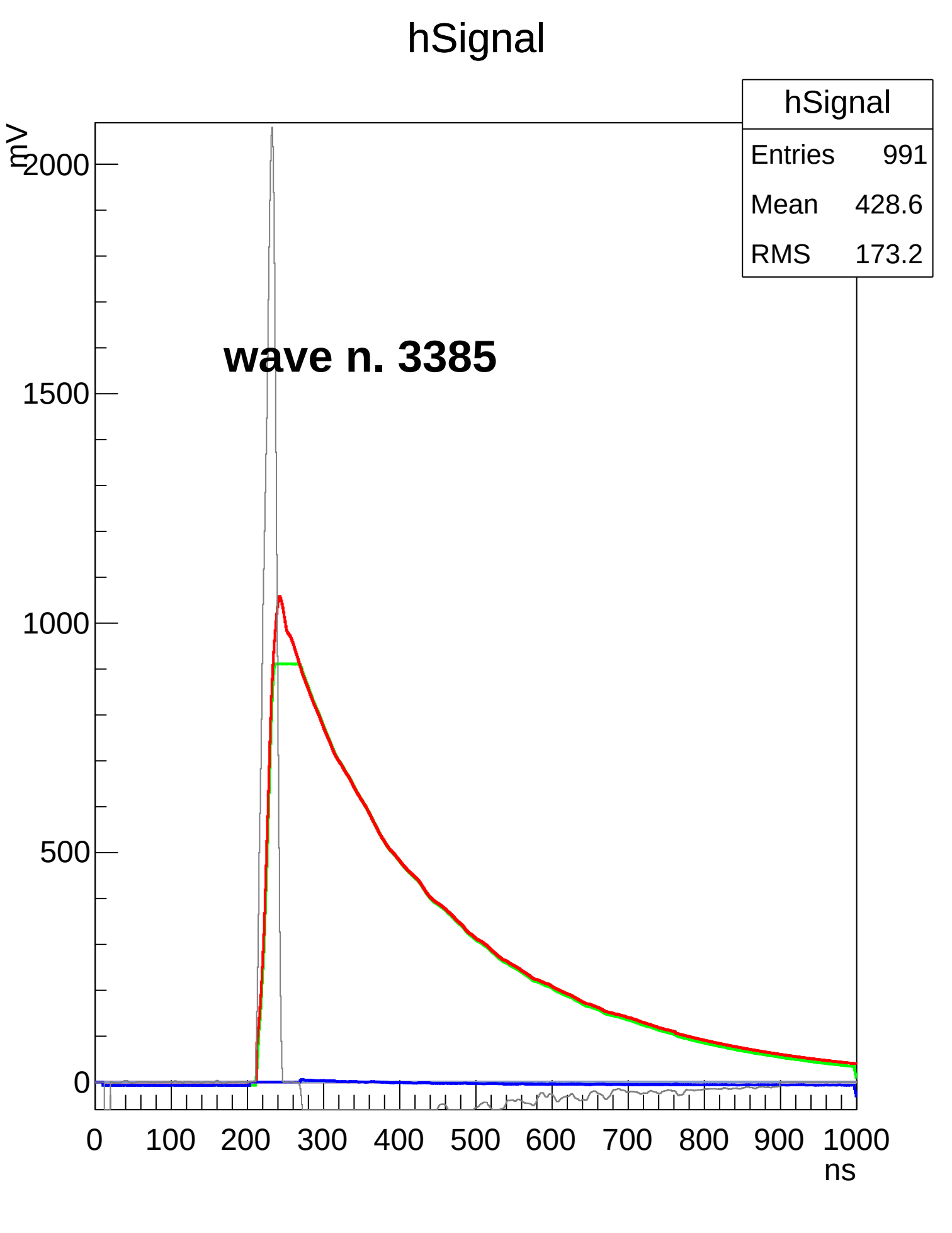

hSignal
hSignal
Entries 991
Mean 493.5
RMS 163.6
wave n. 3380
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

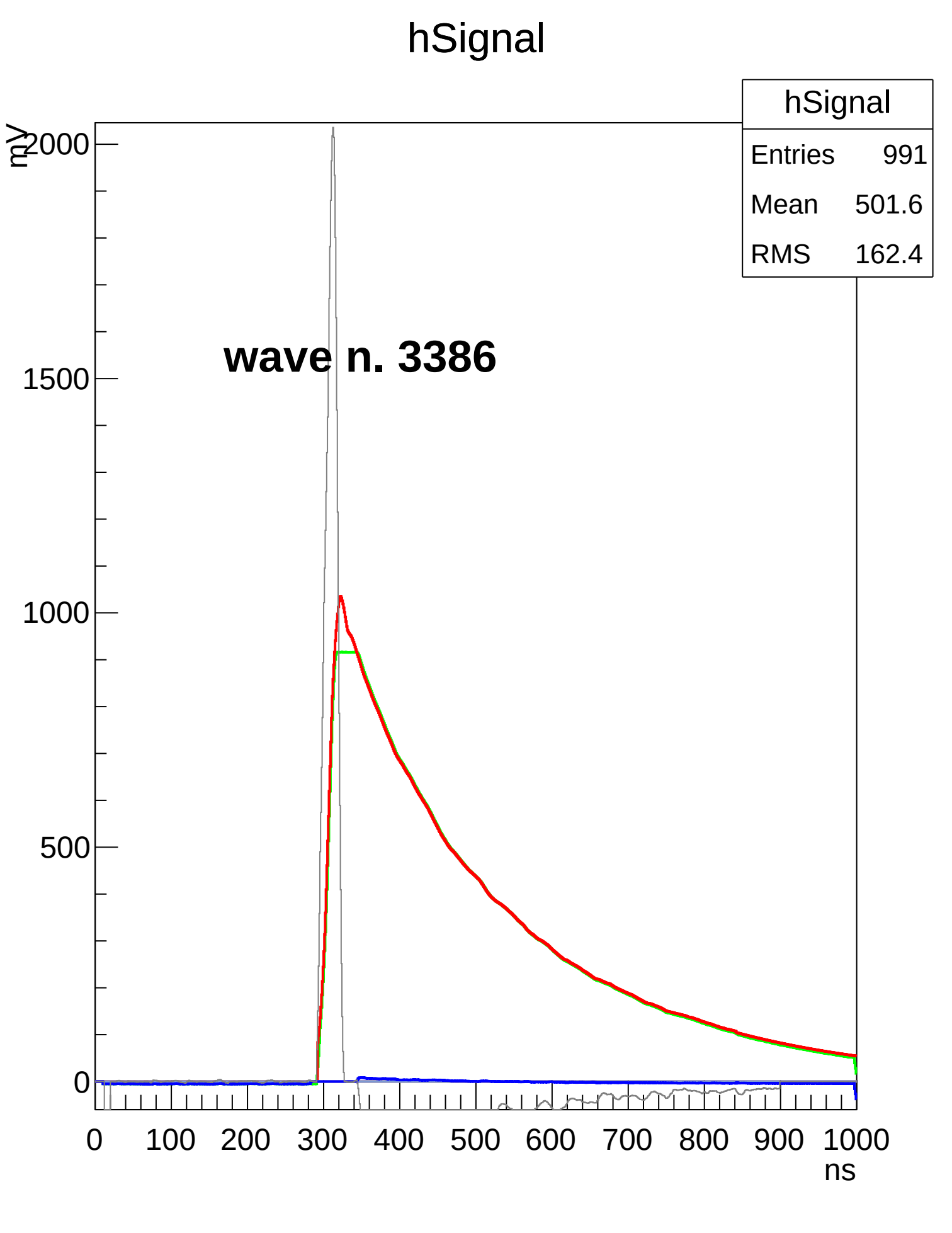

hSignal
hSignal
Entries 991
Mean 512.1
RMS 182
wave n. 3381
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

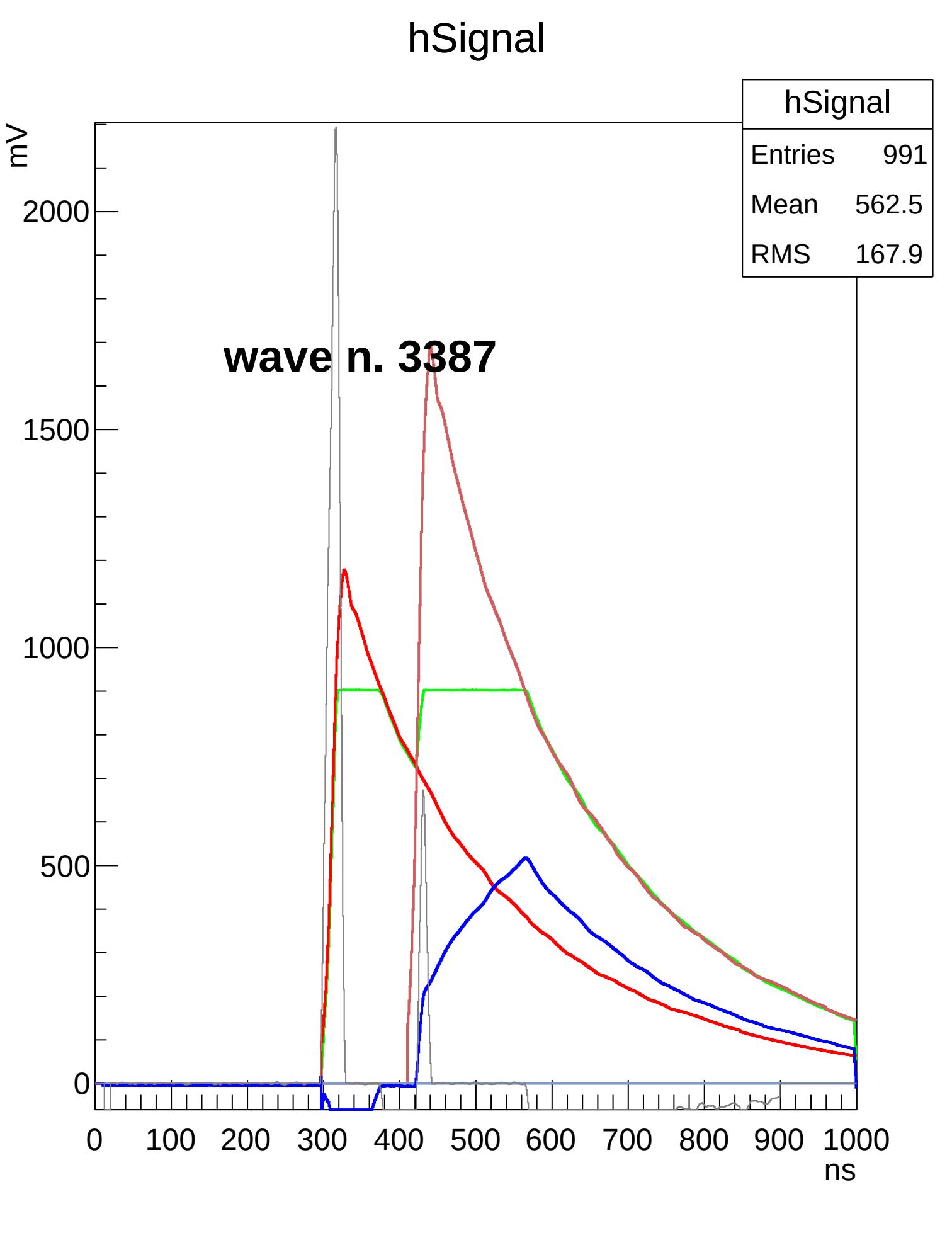

hSignal
hSignal
Entries 991
Mean 548.3
RMS 196.6
wave n. 3382
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

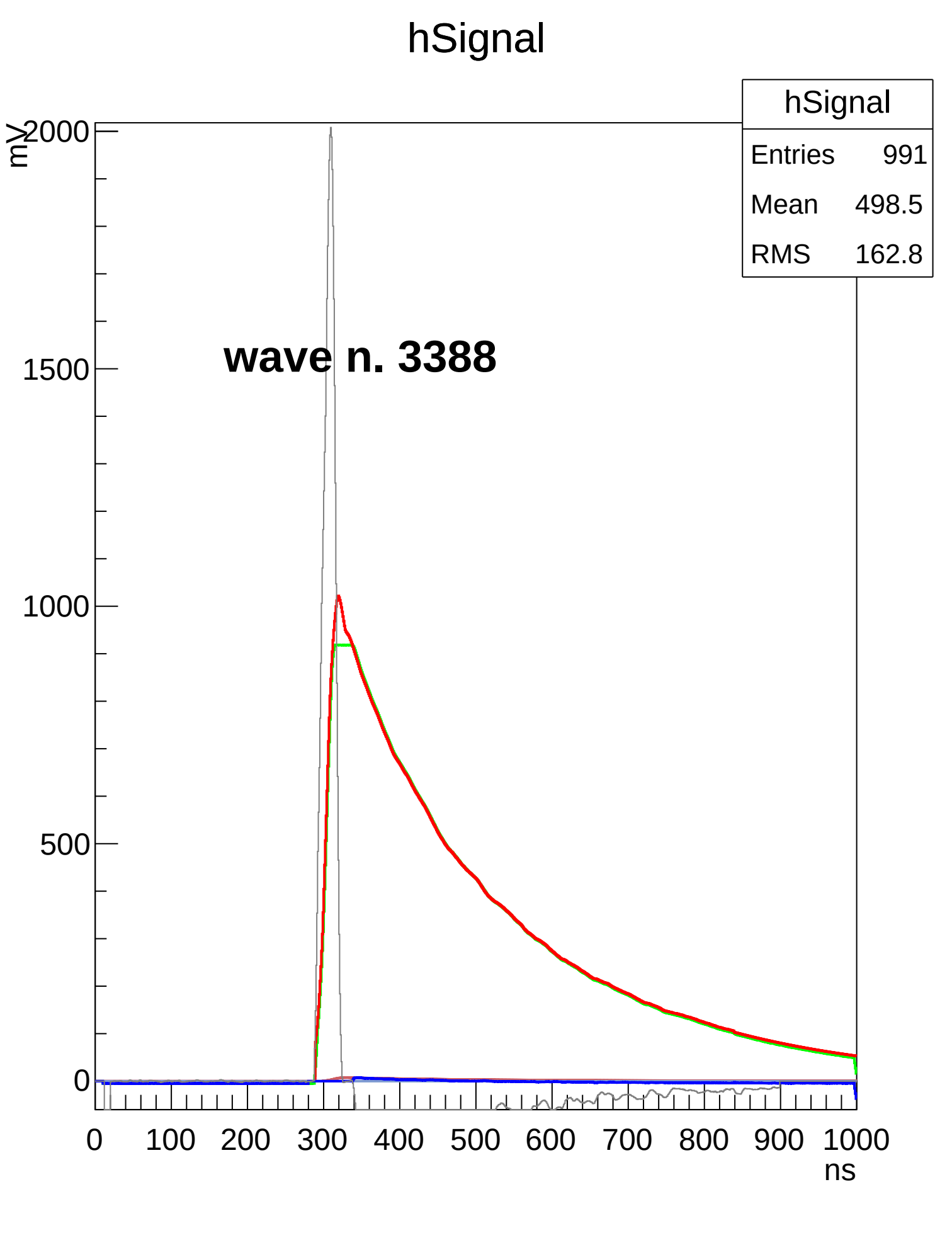

hSignal
hSignal
Entries 991
Mean 592.7
RMS 172.7
wave n. 3383
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

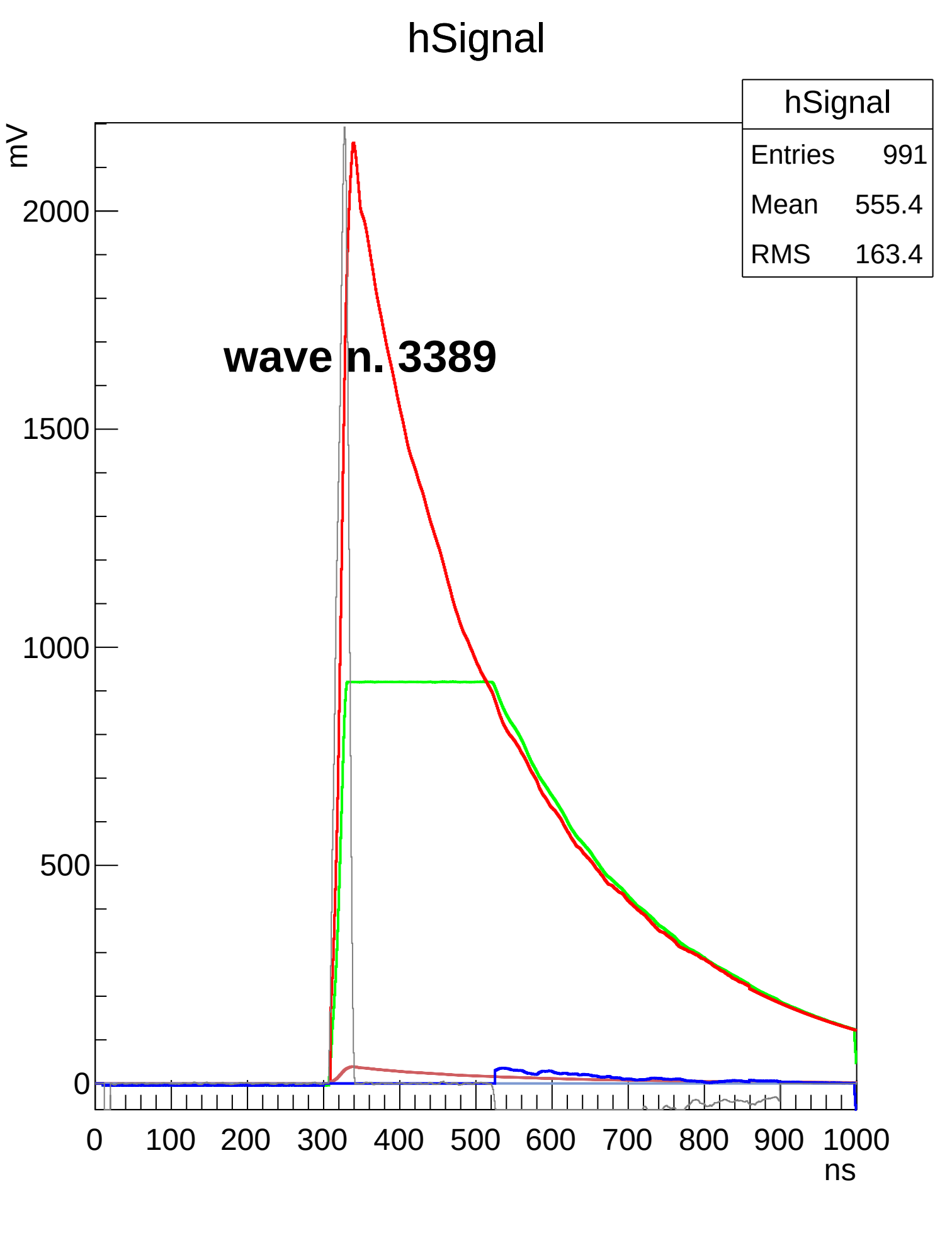

hSignal
hSignal
Entries 991
Mean 447.8
RMS 170.6
wave n. 3384
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

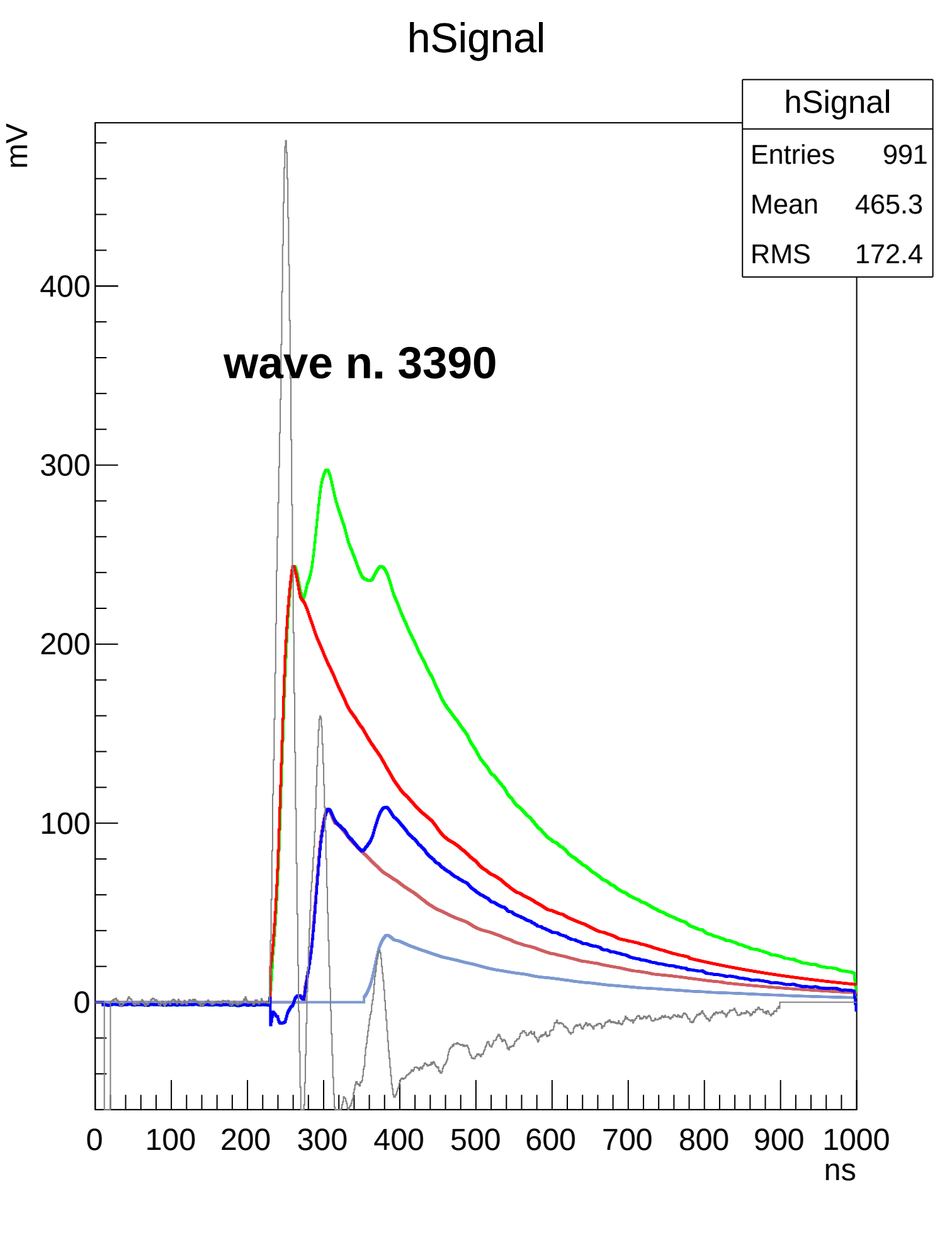

hSignal
hSignal
Entries 991
Mean 428.6
RMS 173.2
wave n. 3385
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

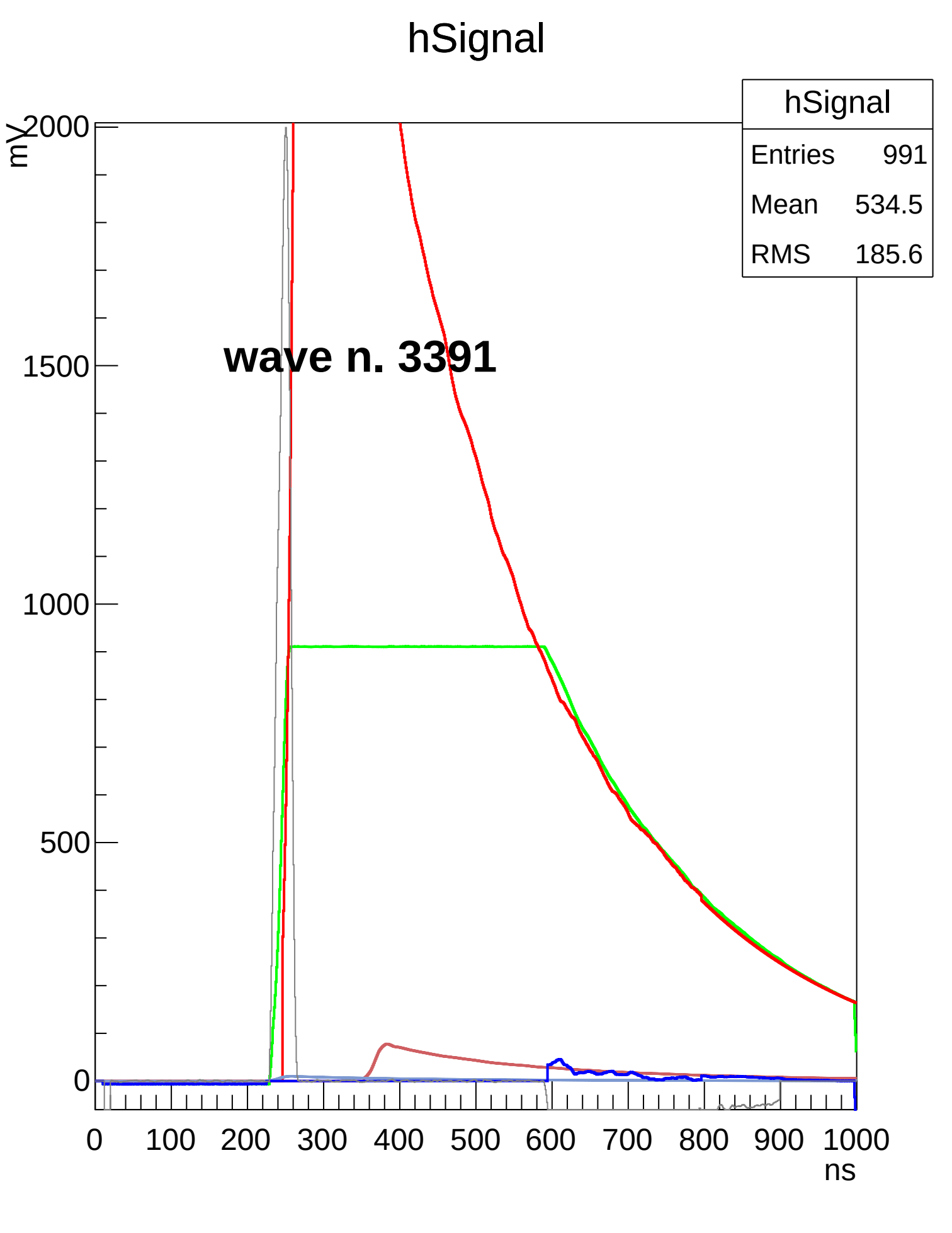

hSignal
hSignal
Entries 991
Mean 501.6
RMS 162.4
wave n. 3386
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 562.5
RMS 167.9
wave n. 3387
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 498.5
RMS 162.8
wave n. 3388
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 555.4
RMS 163.4
wave n. 3389
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 465.3
RMS 172.4
wave n. 3390
mV
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.5
RMS 185.6
wave n. 3391
mV
2000
1500
1000
500
0
0
100
200
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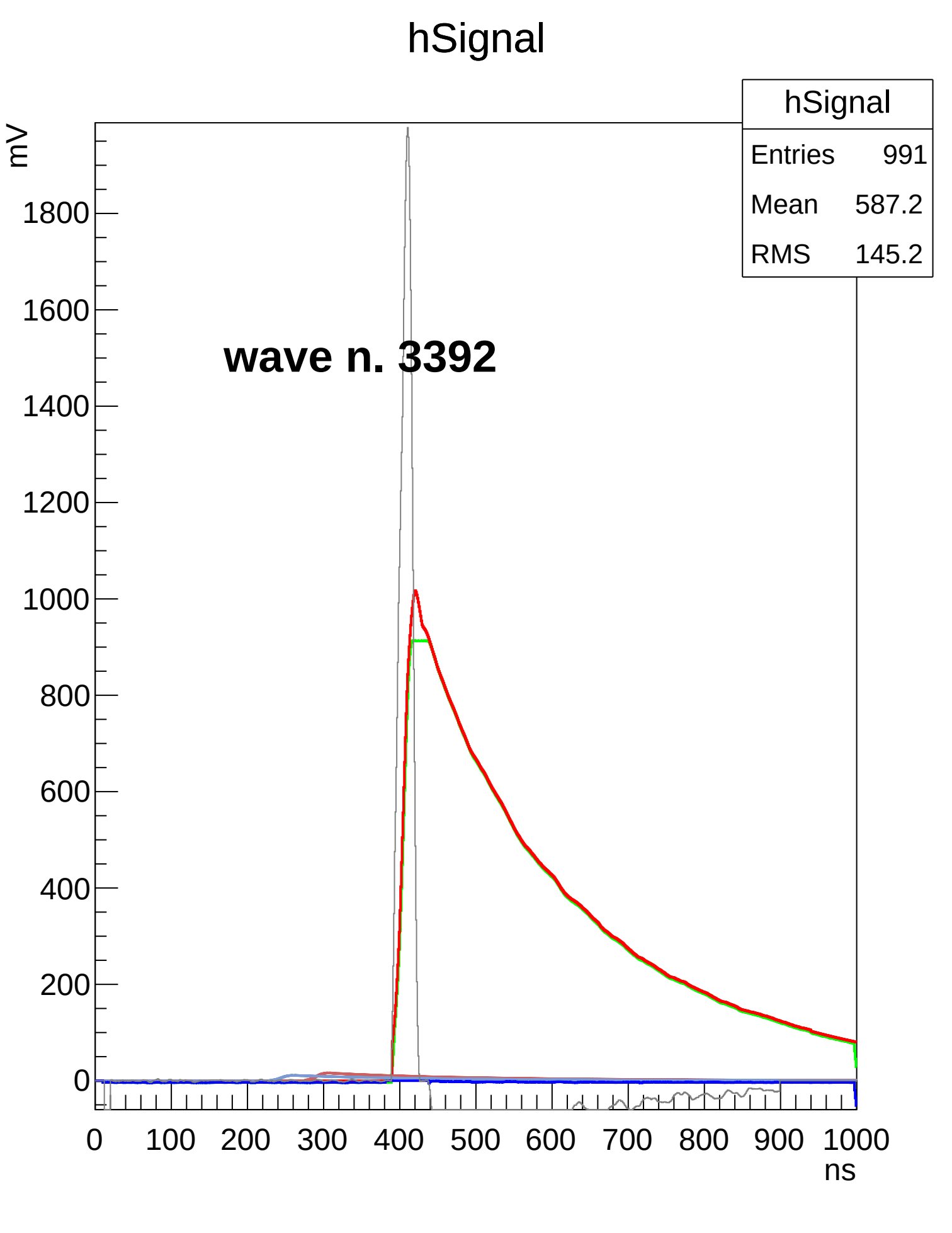
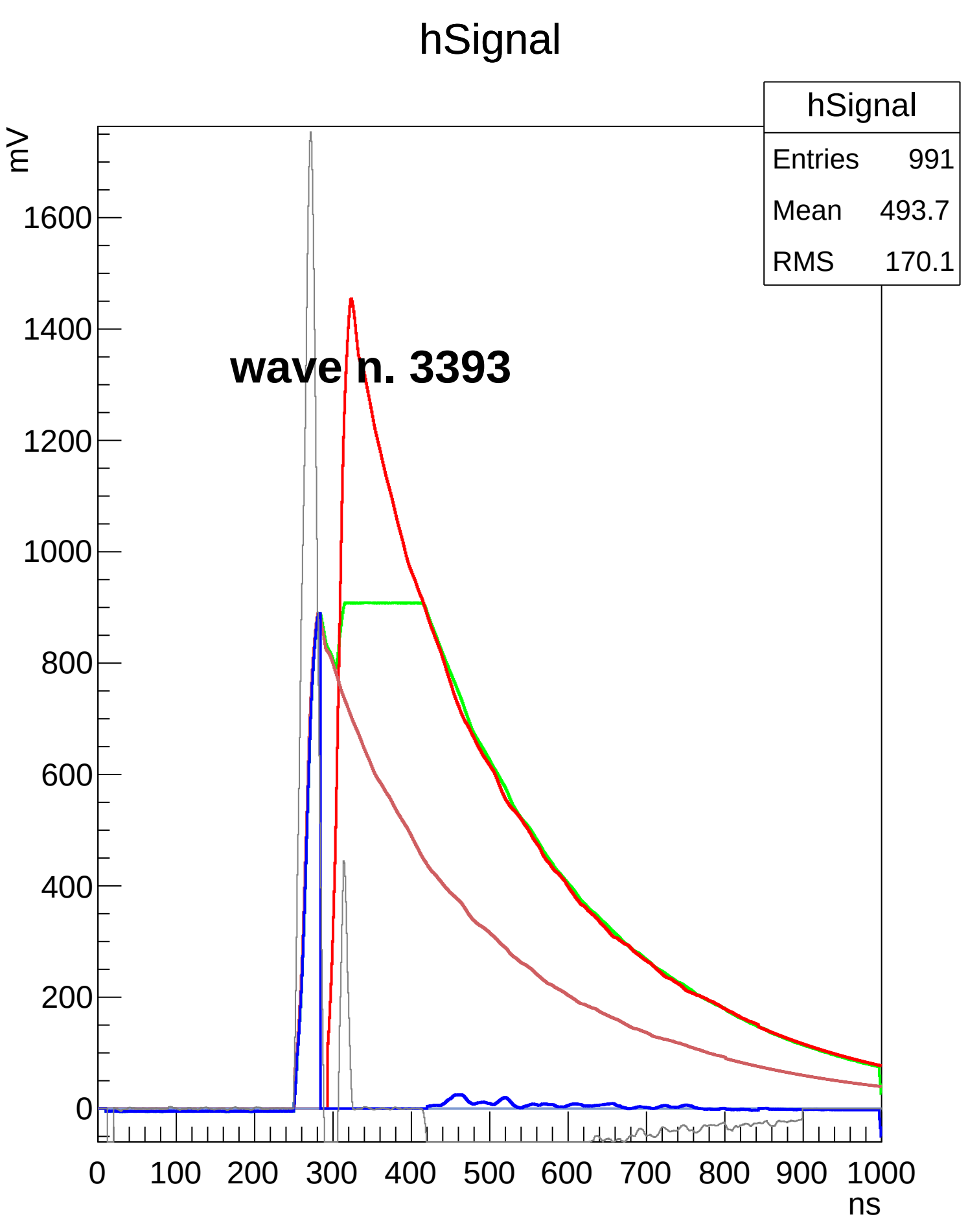
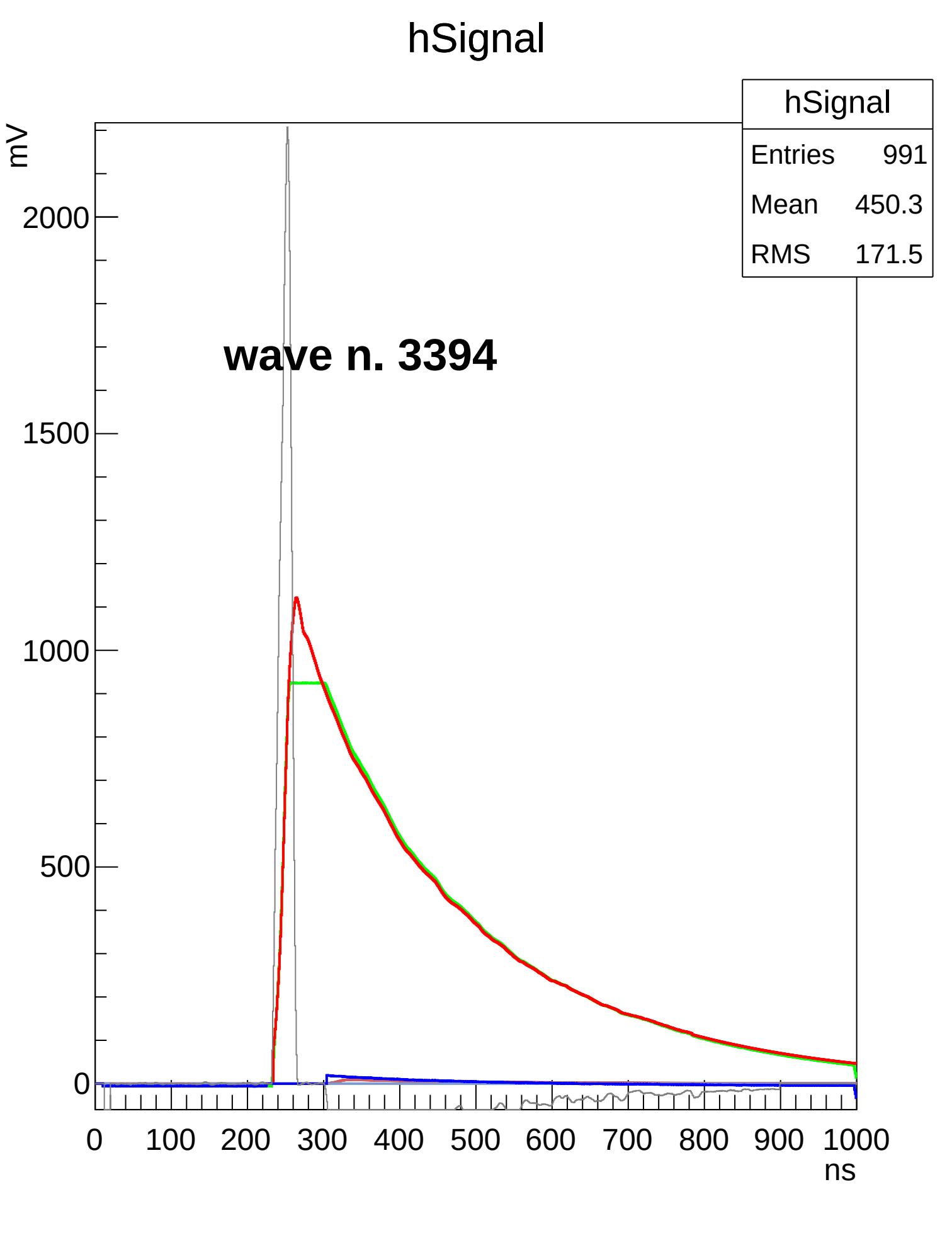
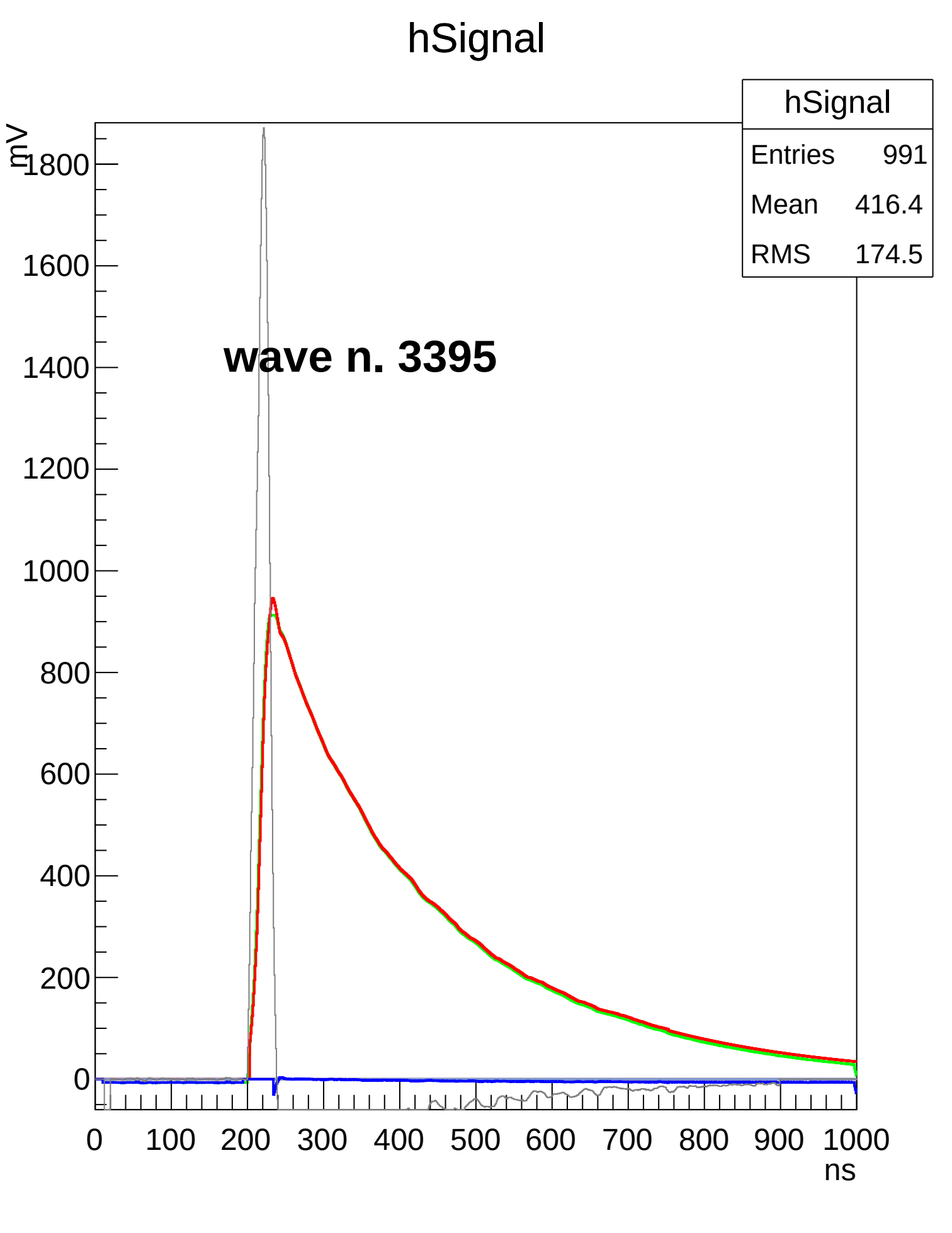
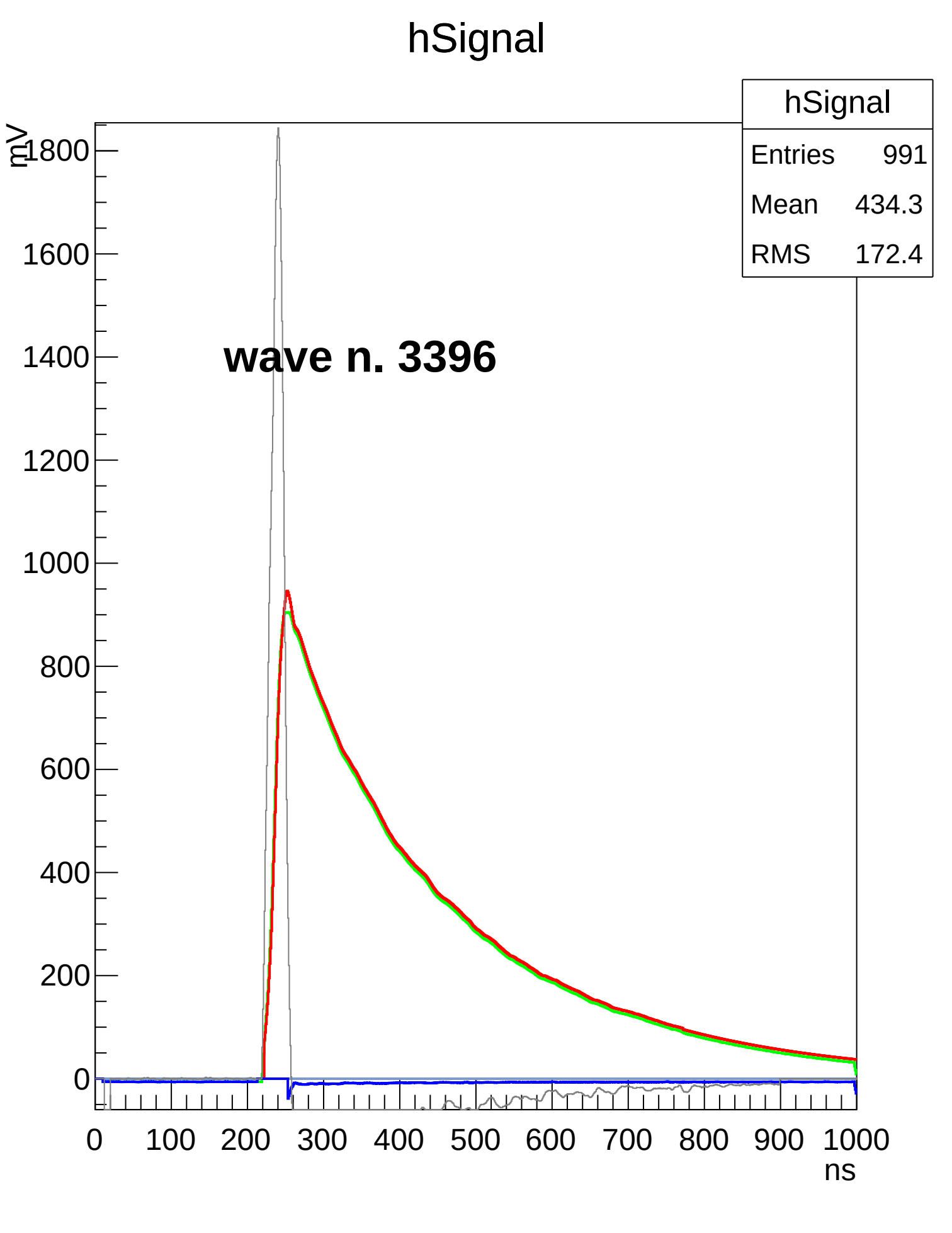
400
500
600
700
800
900
1000
ns

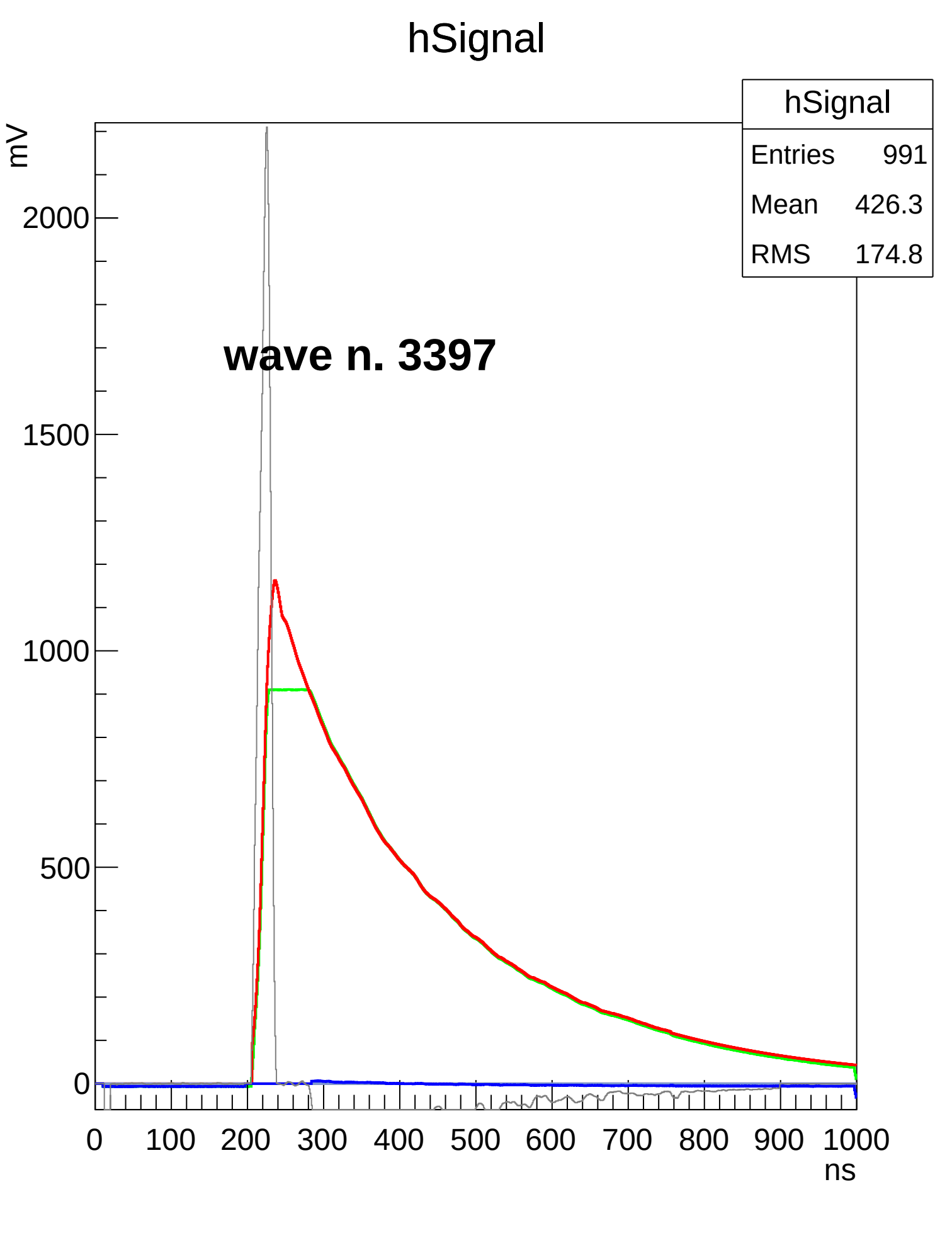

hSignal
hSignal
Entries 991
Mean 587.2
RMS 145.2
wave n. 3392
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

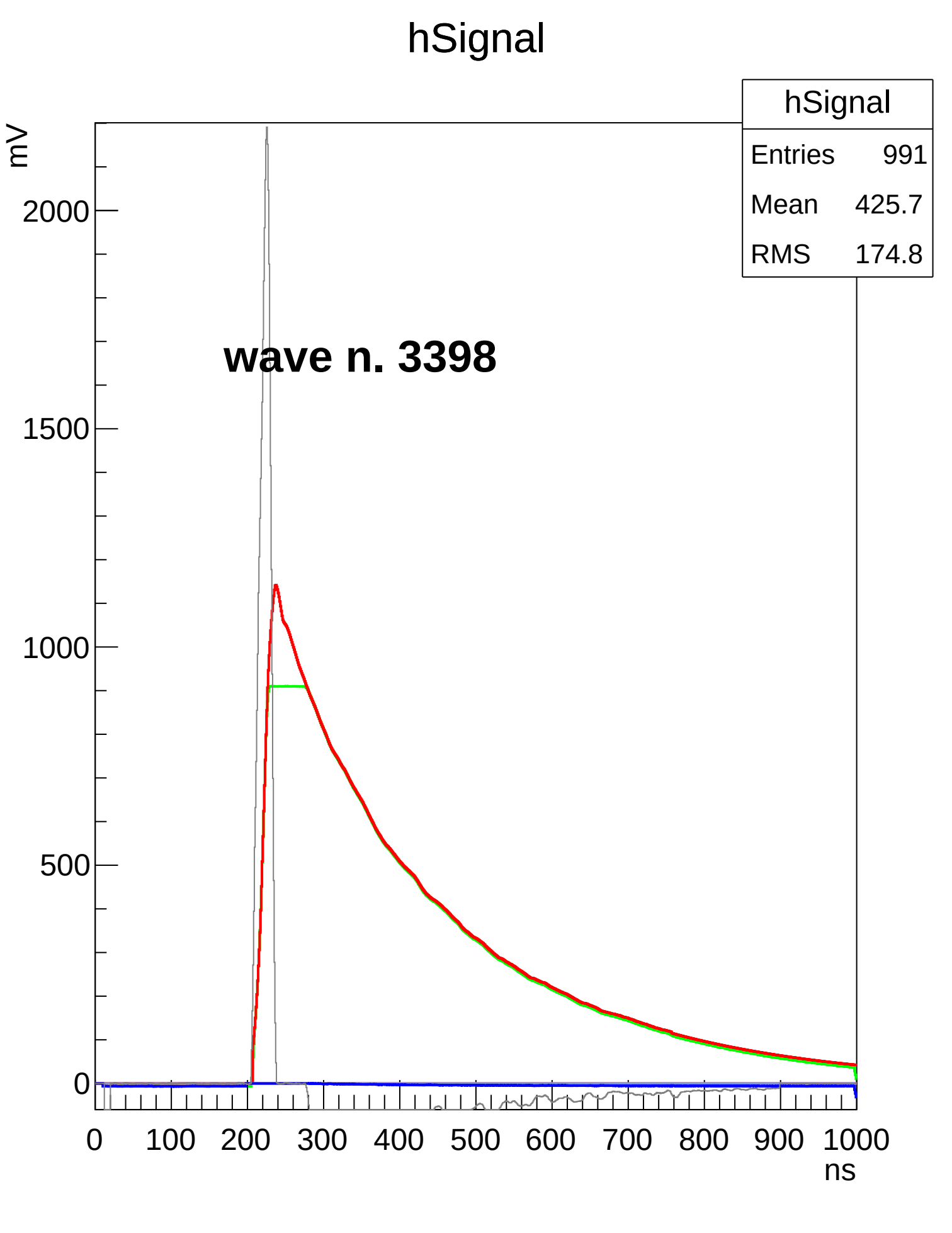

hSignal
hSignal
Entries 991
Mean 493.7
RMS 170.1
wave n. 3393
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 450.3
RMS 171.5
wave n. 3394
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 416.4
RMS 174.5
wave n. 3395
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 434.3
RMS 172.4
wave n. 3396
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 426.3
RMS 174.8
wave n. 3397
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 425.7
RMS 174.8
wave n. 3398
mV
2000
1500
1000
500
0
0
100
200
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400
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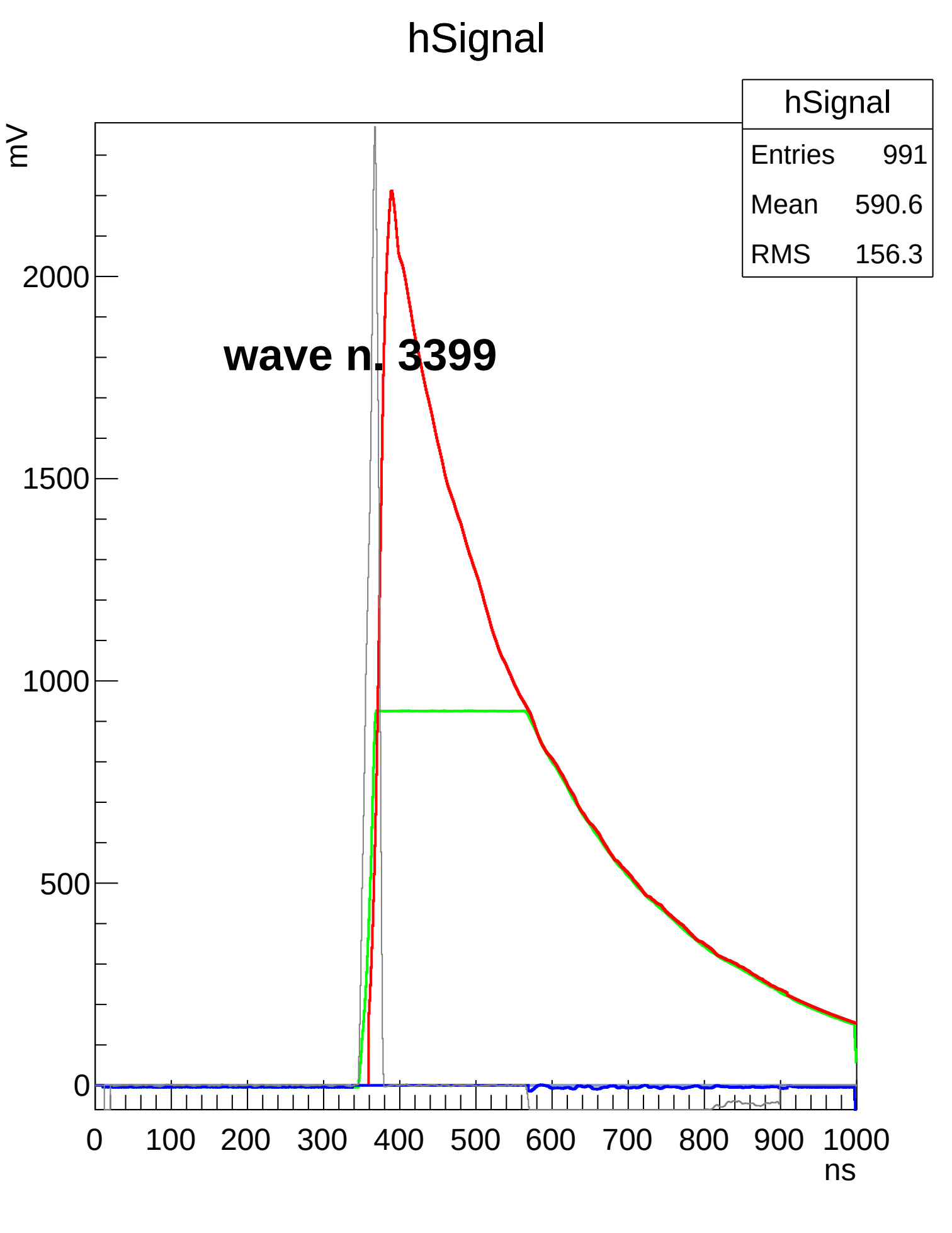
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 590.6
RMS 156.3
wave n. 3399
mV
2000
1500
1000
500
0
0
100
200
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400
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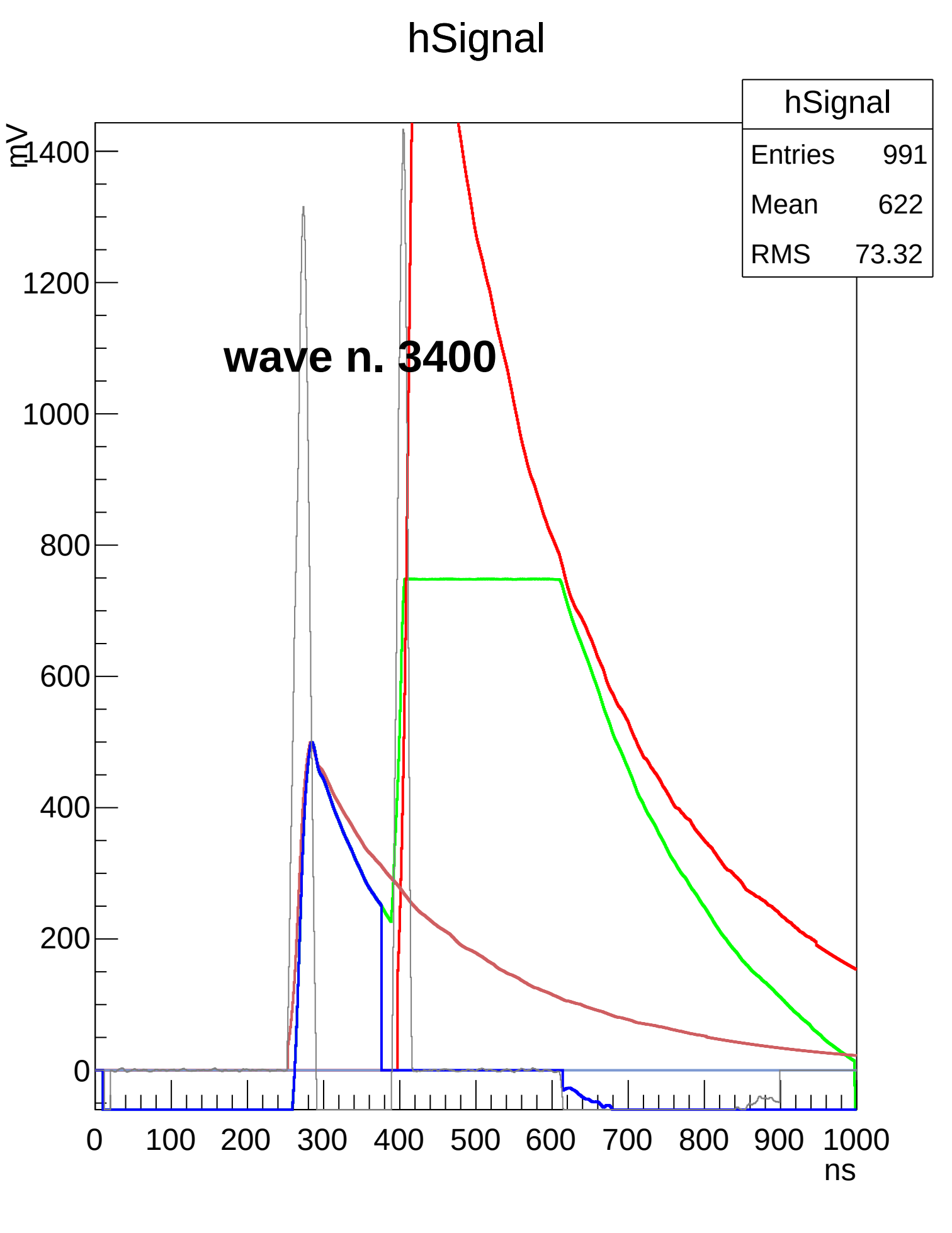
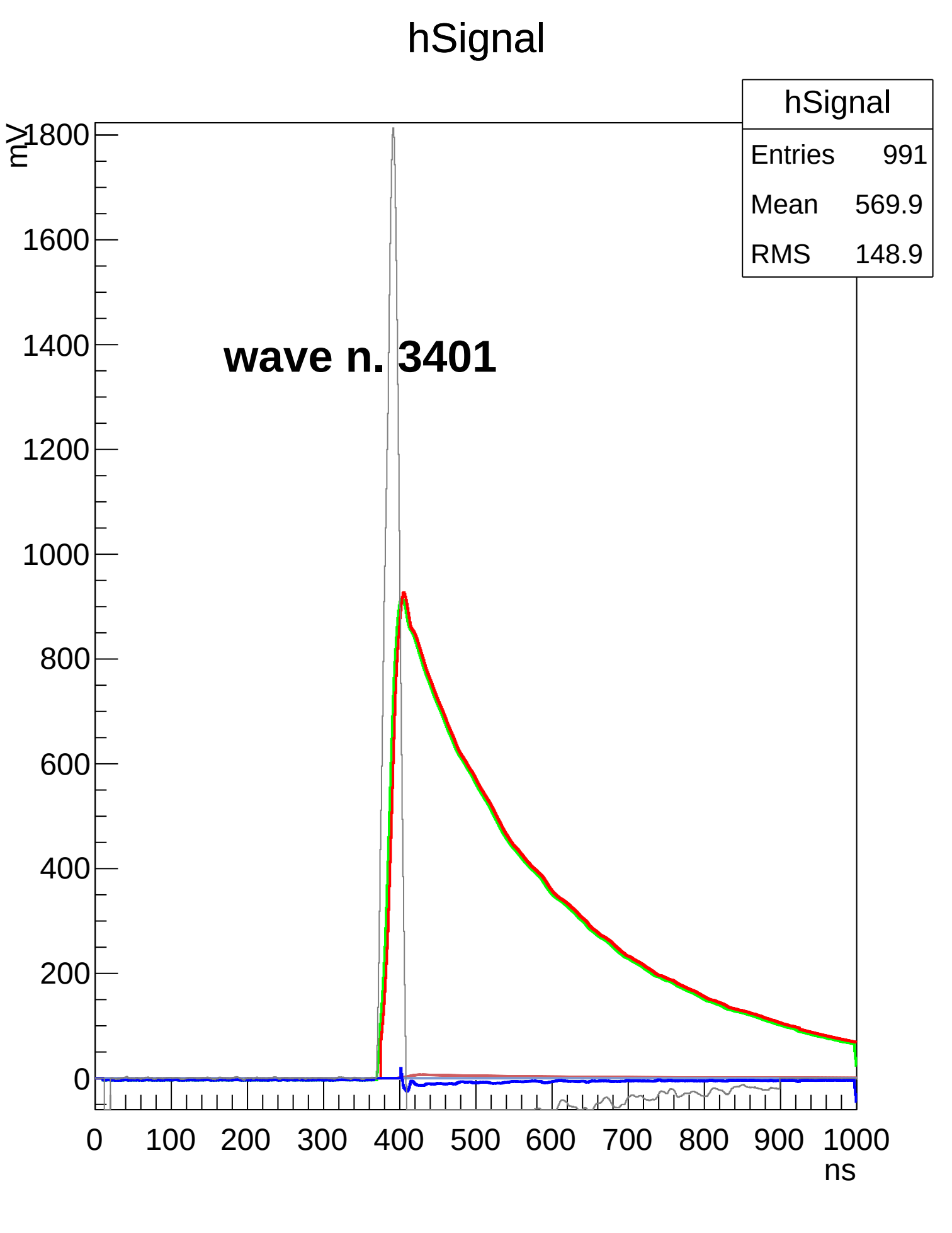
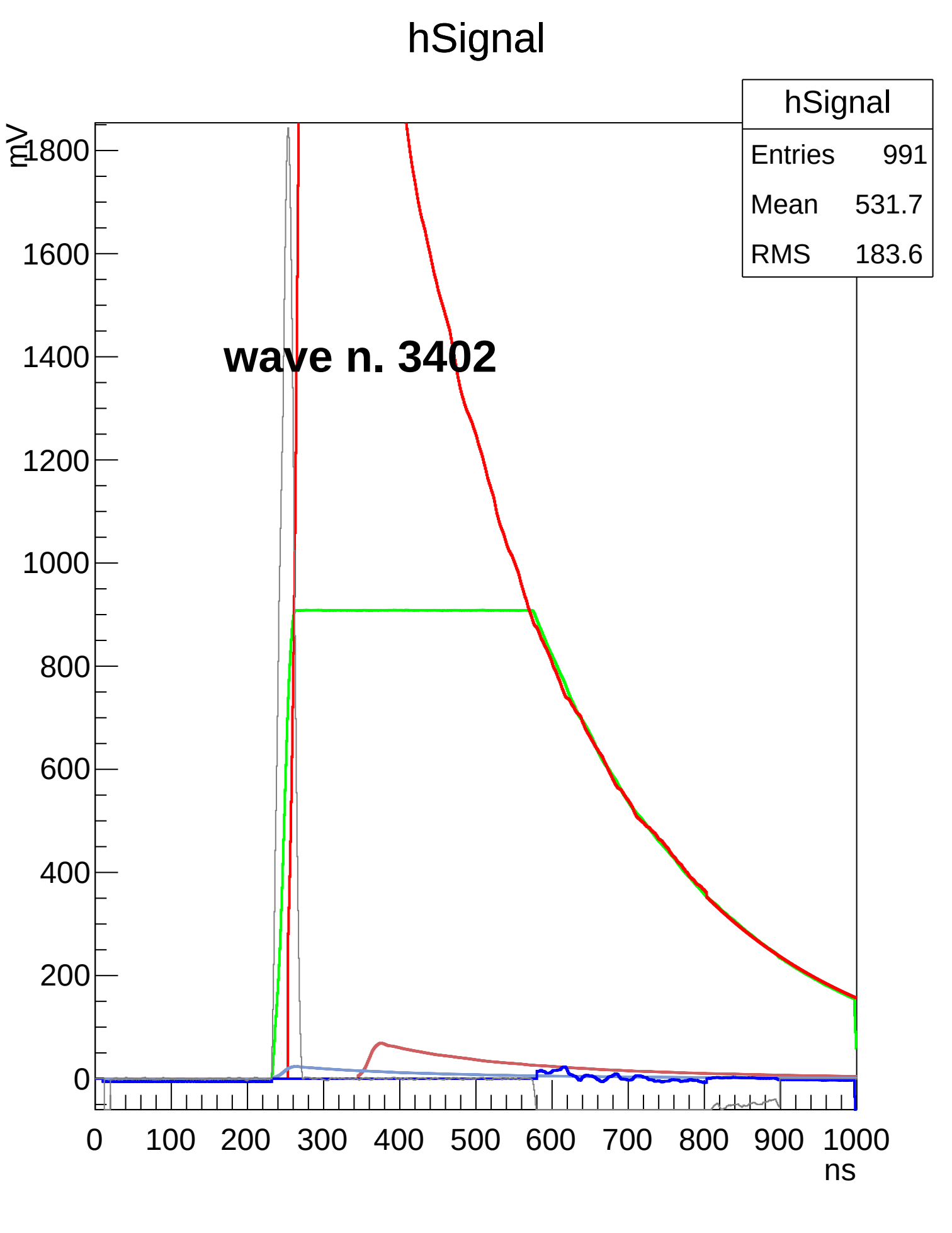
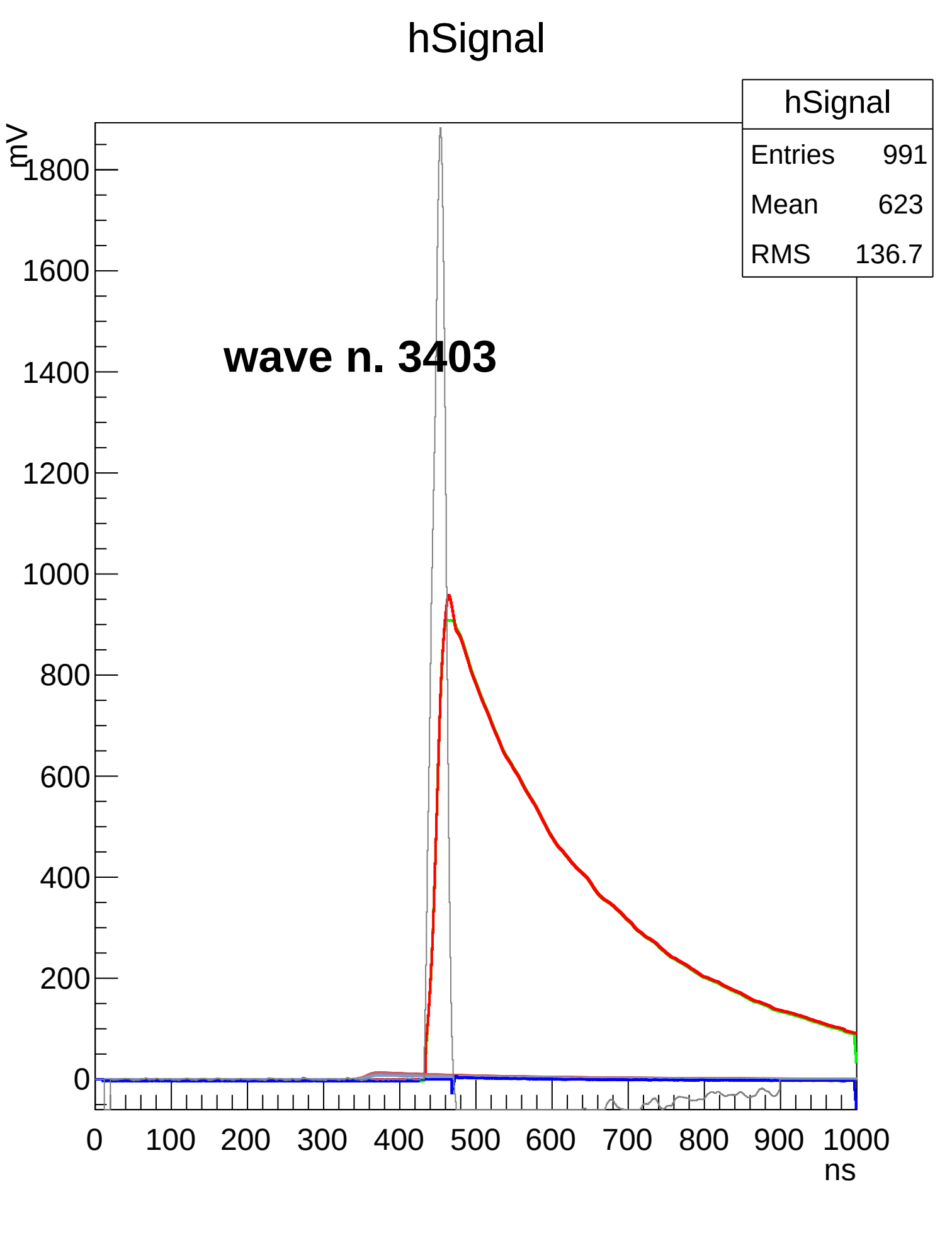
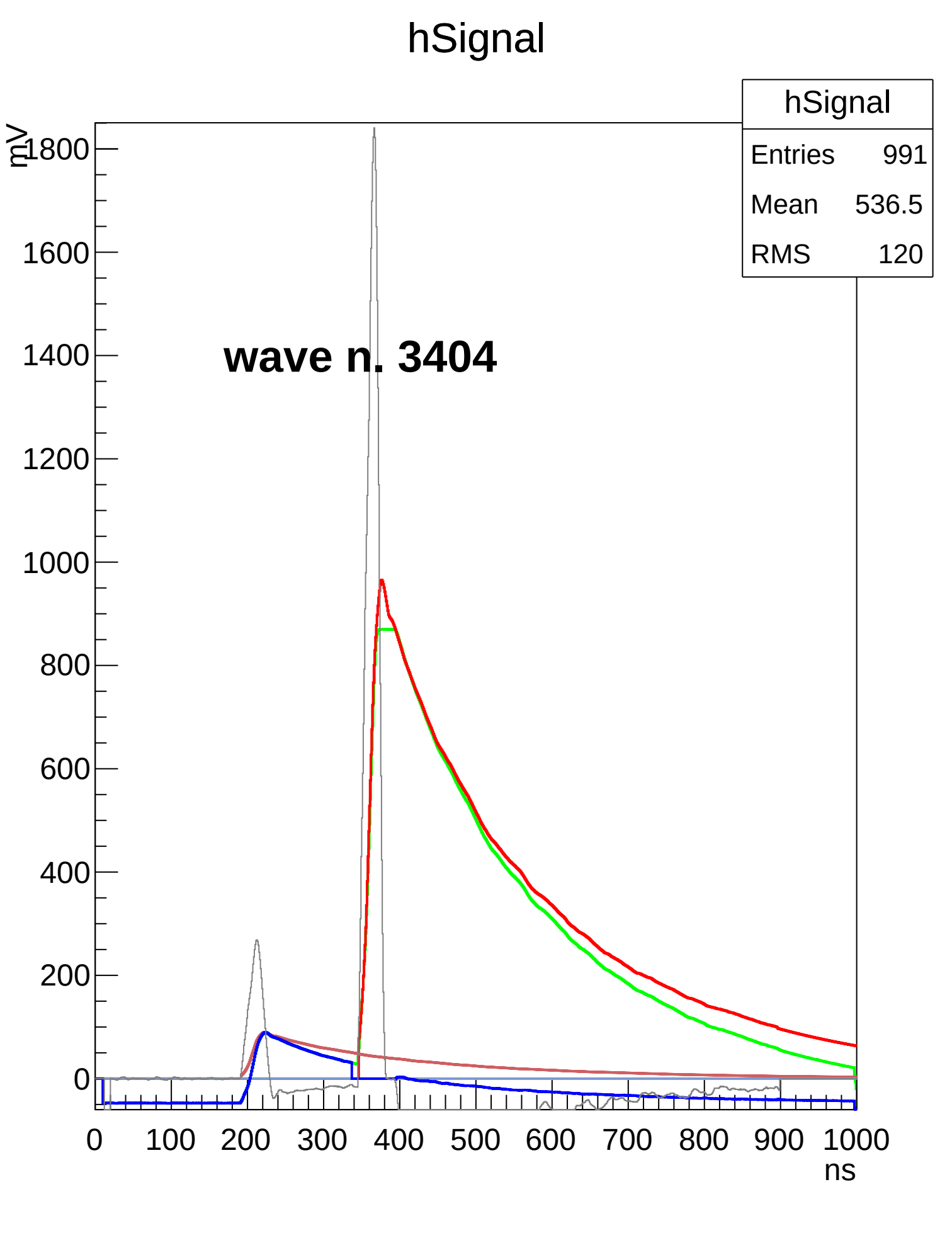
600
700
800
900
1000
ns

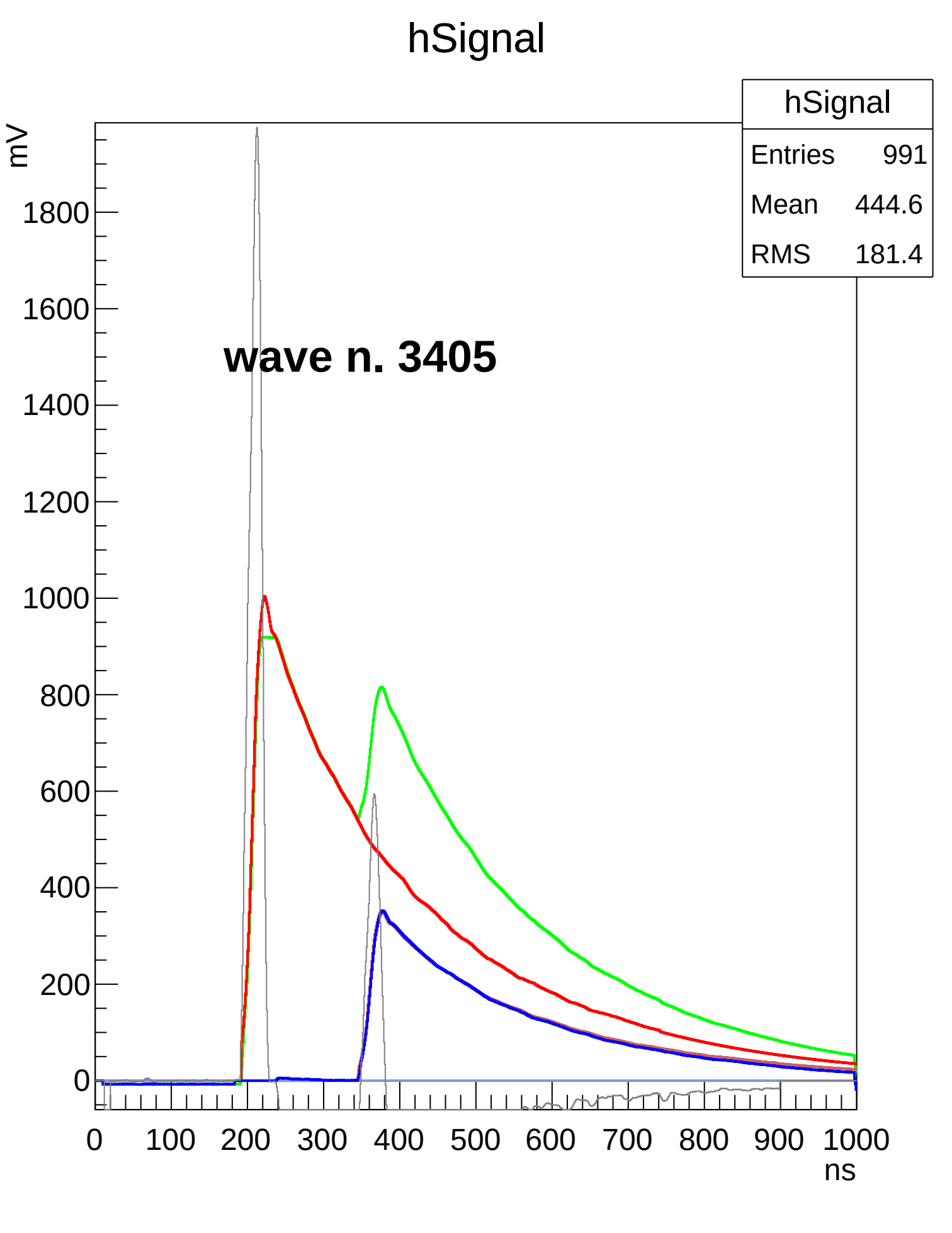

hSignal
hSignal
Entries 991
Mean 622
RMS 73.32
wave n. 3400
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

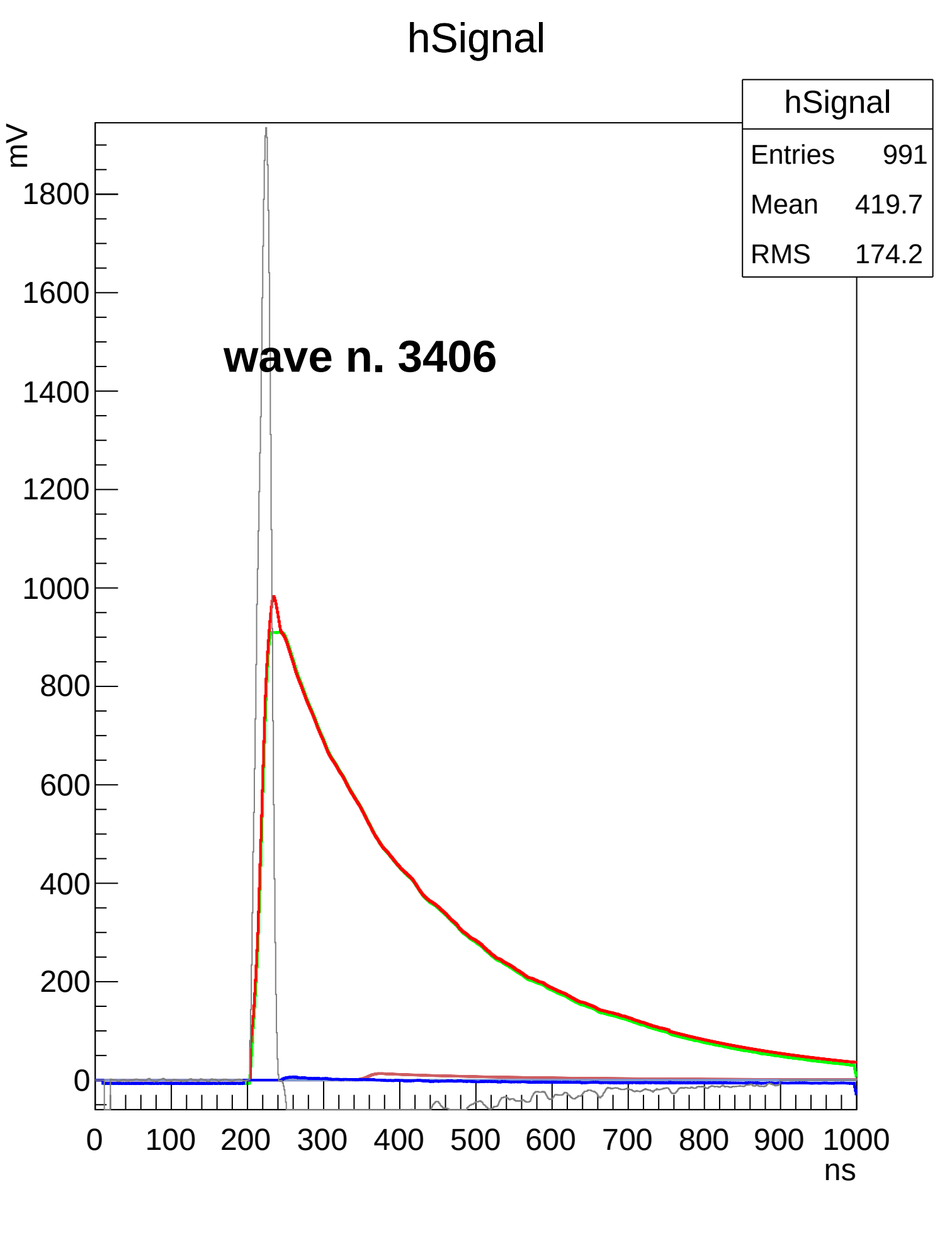

hSignal
hSignal
Entries 991
Mean 569.9
RMS 148.9
wave n. 3401
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

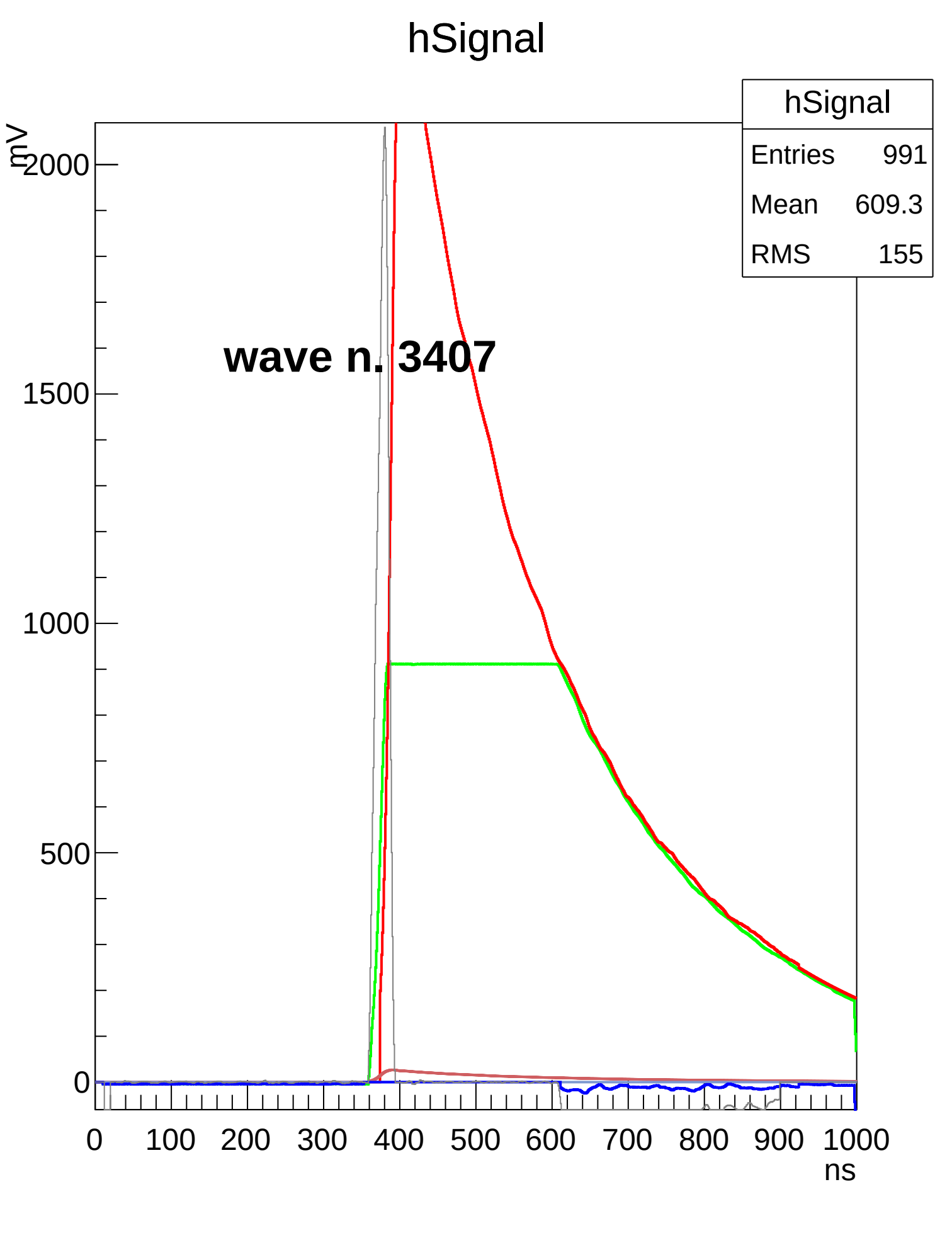

hSignal
hSignal
Entries 991
Mean 531.7
RMS 183.6
wave n. 3402
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 623
RMS 136.7
wave n. 3403
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 536.5
RMS 120
wave n. 3404
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 444.6
RMS 181.4
wave n. 3405
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 419.7
RMS 174.2
wave n. 3406
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 609.3
RMS 155
wave n. 3407
mV
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1500
1000
500
0
0
100
200
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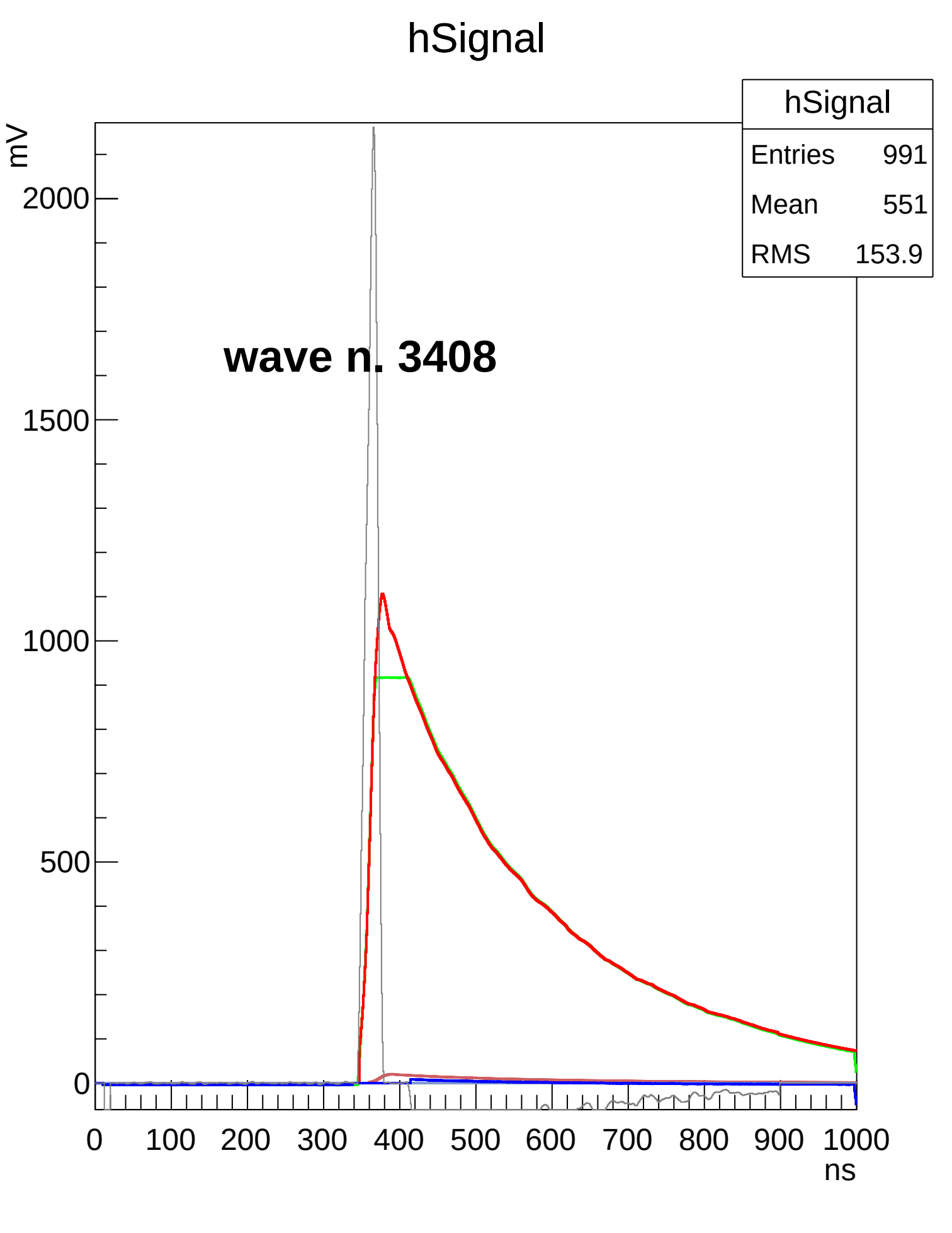
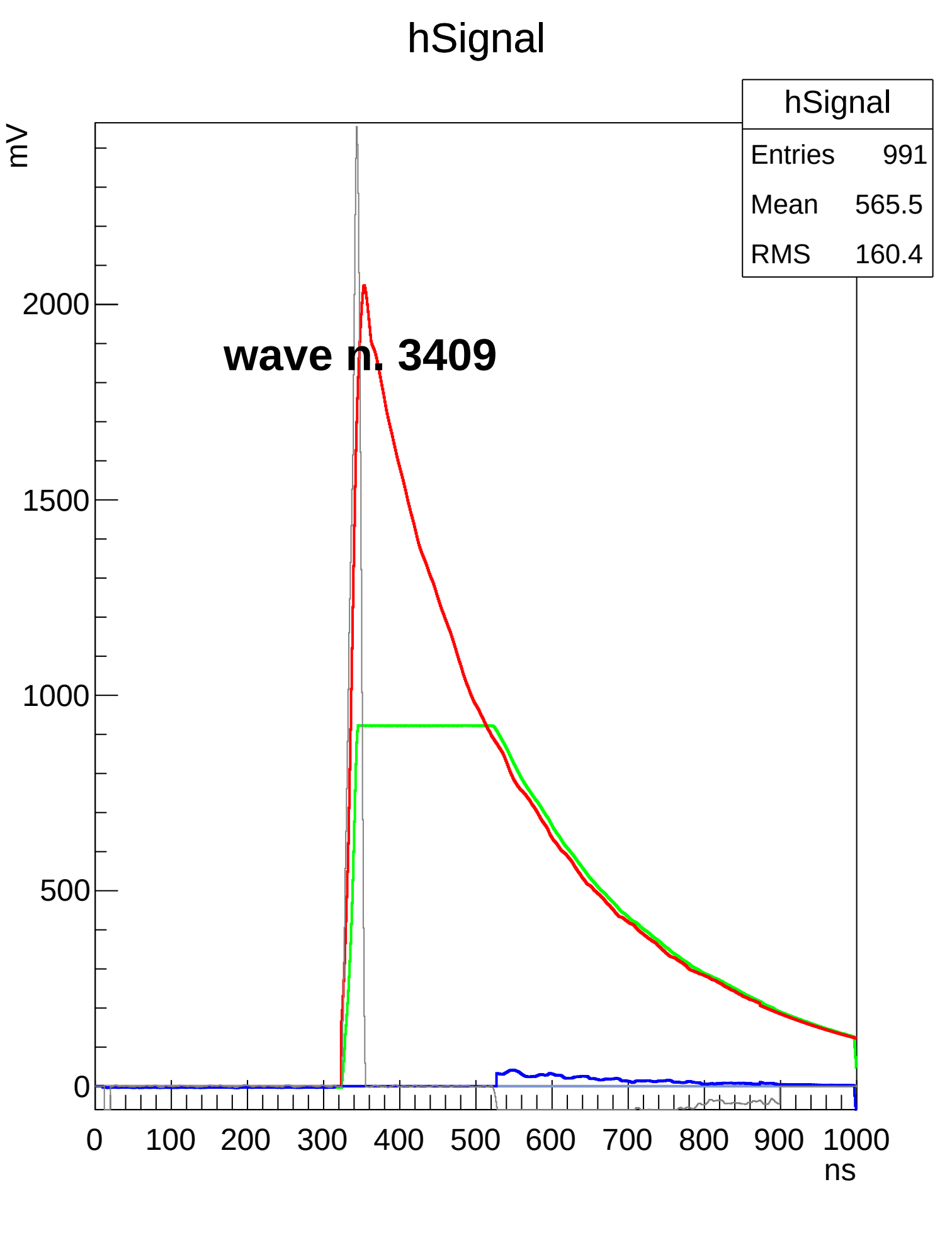
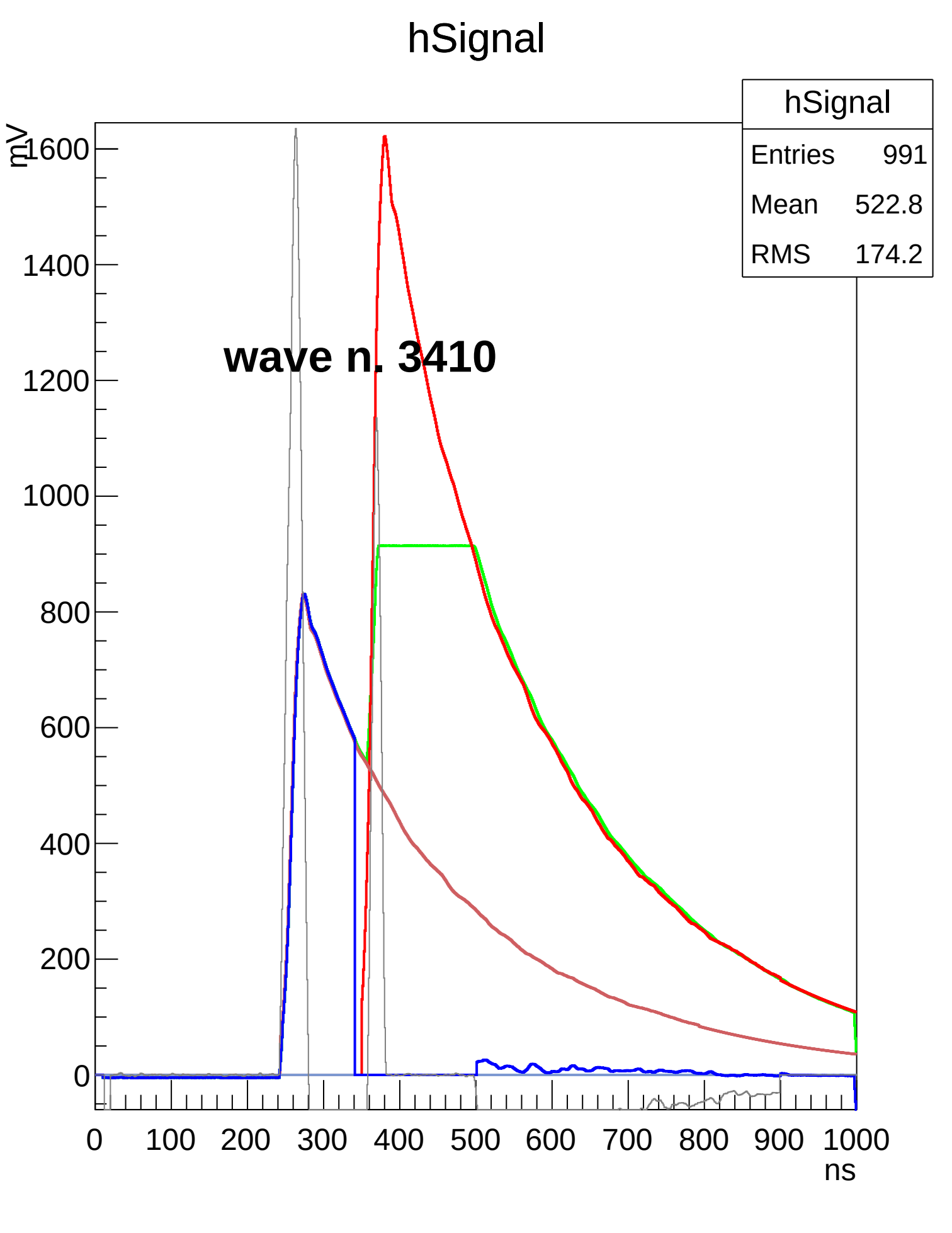
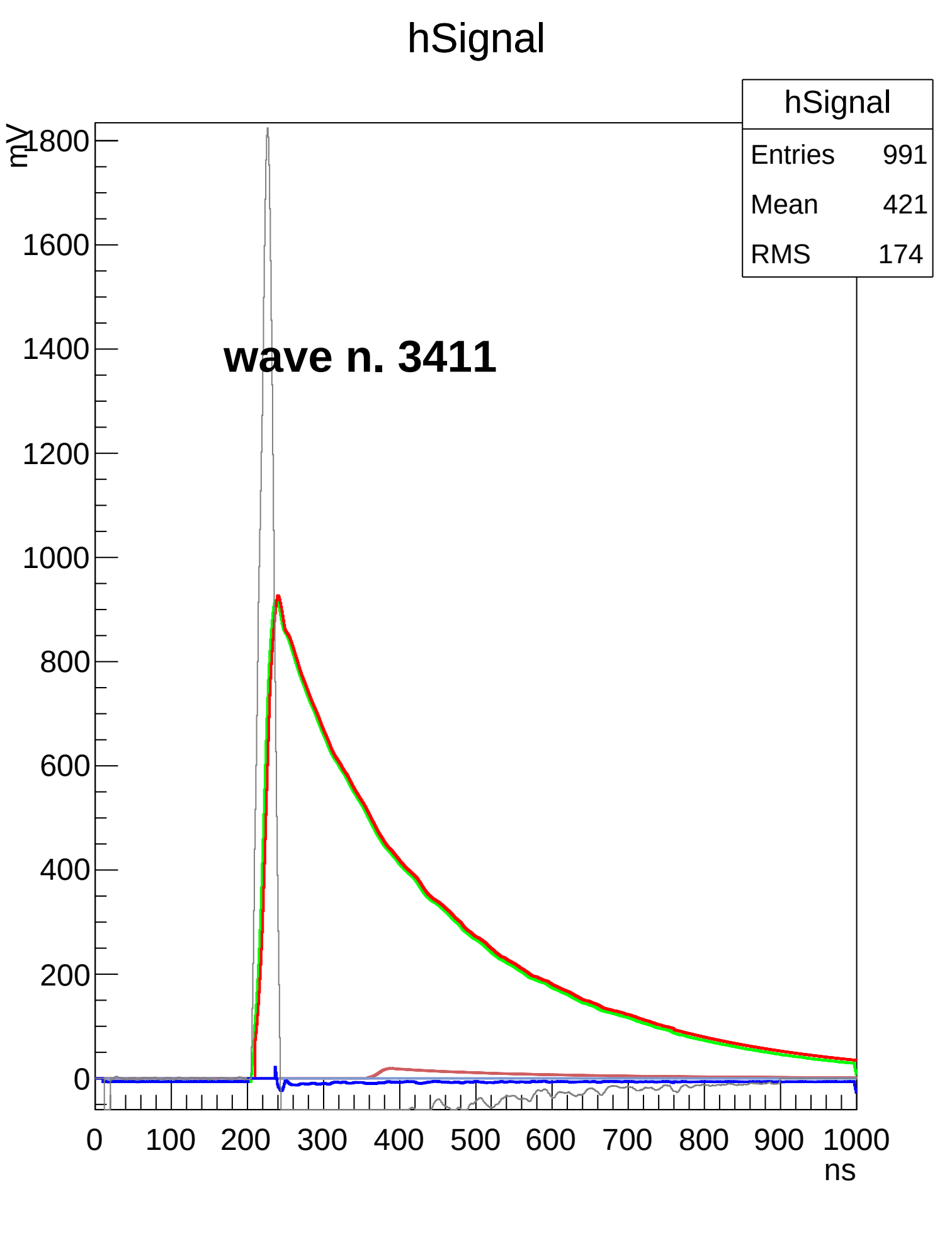
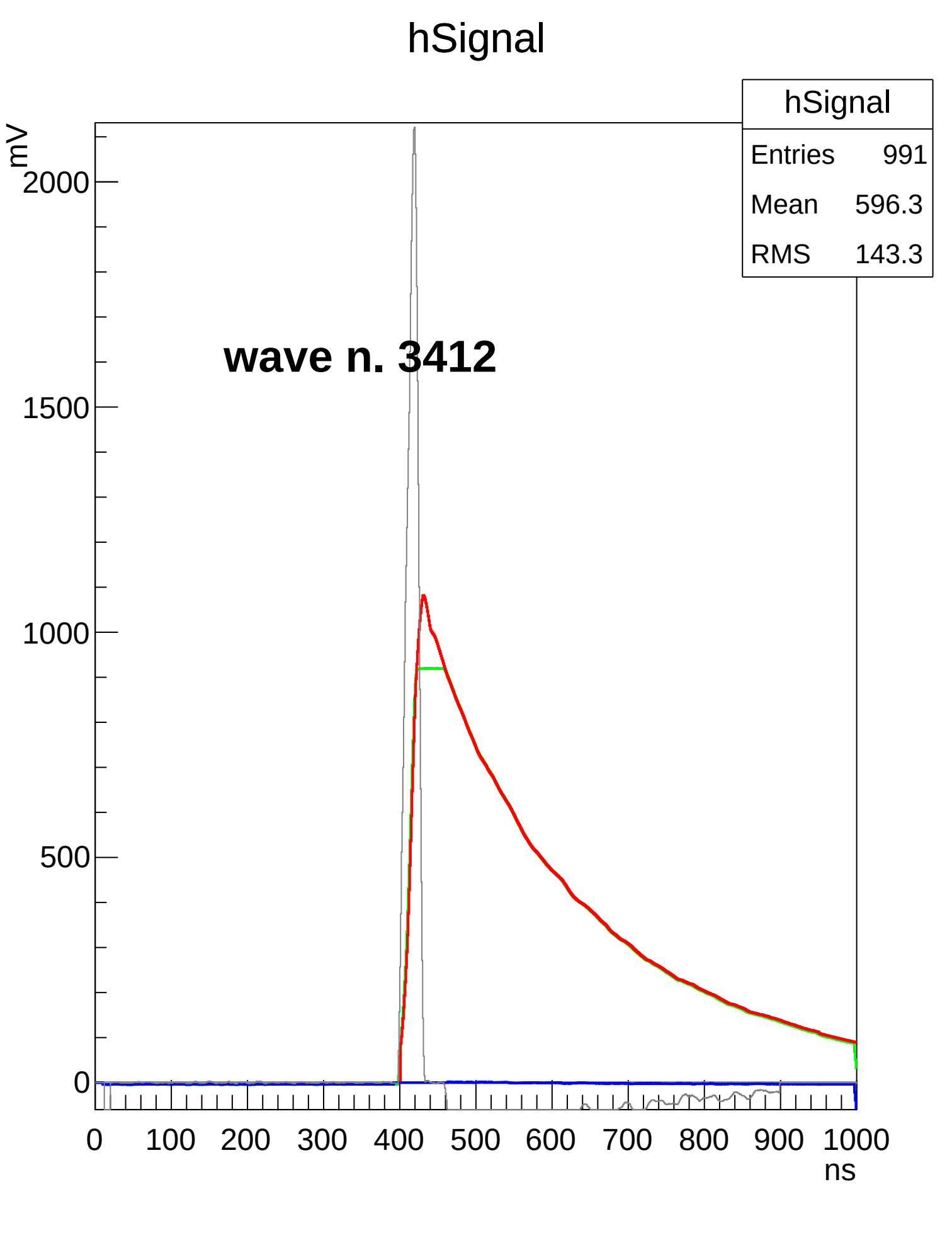
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 551
RMS 153.9
wave n. 3408
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 565.5
RMS 160.4
wave n. 3409
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 522.8
RMS 174.2
wave n. 3410
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 421
RMS 174
wave n. 3411
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 596.3
RMS 143.3
wave n. 3412
mV
2000
1500
1000
500
0
0
100
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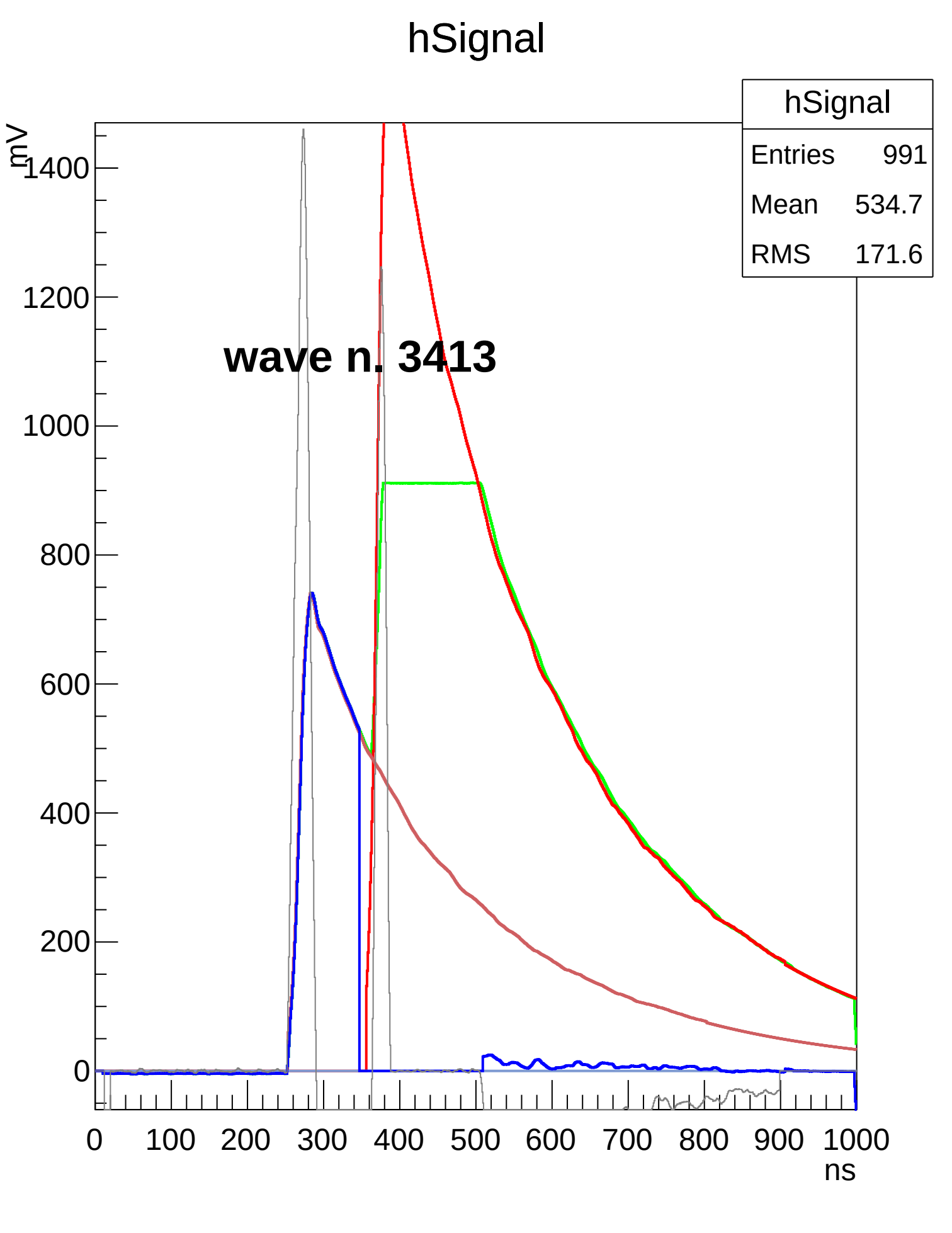
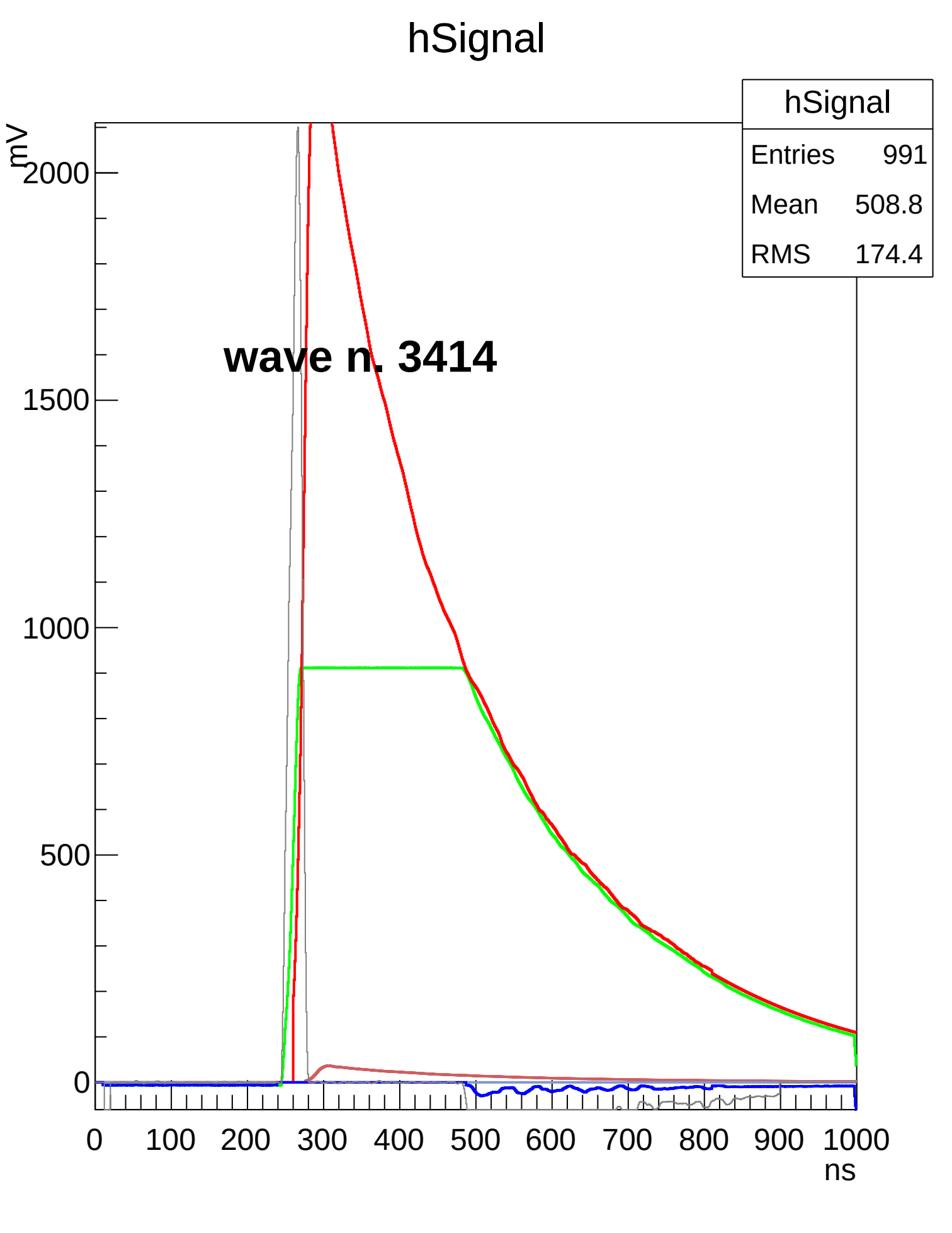
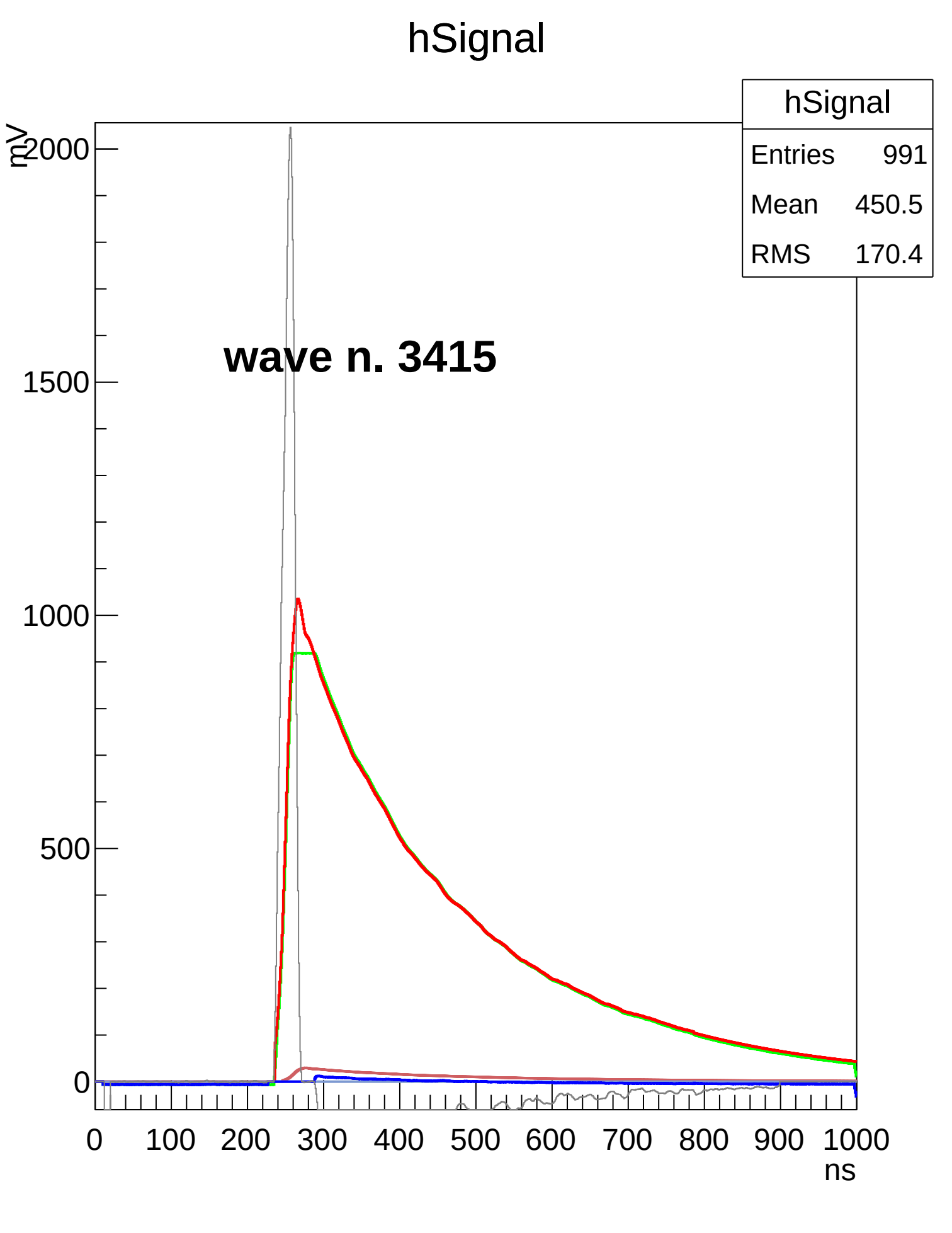
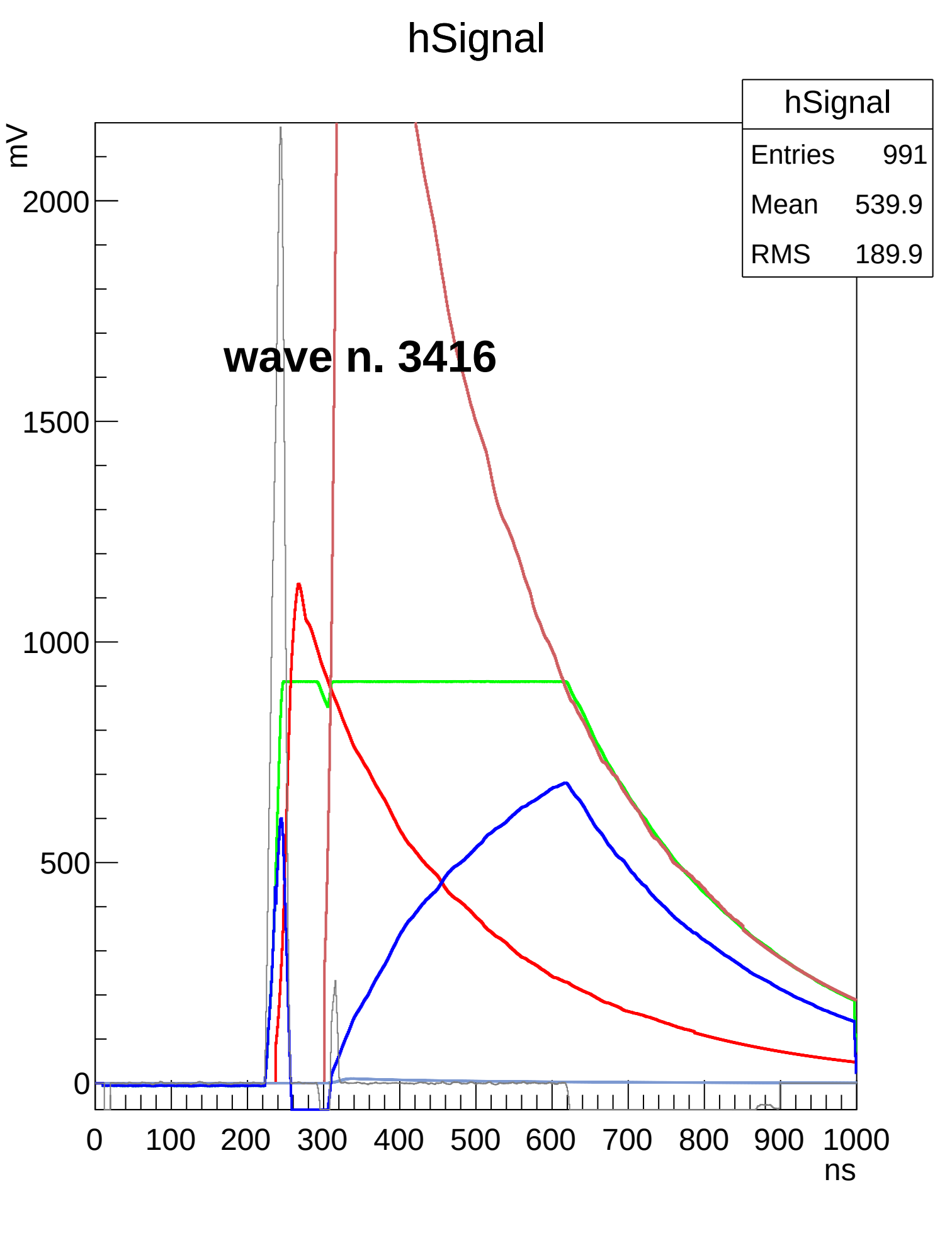
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.7
RMS 171.6
wave n. 3413
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 508.8
RMS 174.4
wave n. 3414
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 450.5
RMS 170.4
wave n. 3415
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.9
RMS 189.9
wave n. 3416
mV
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1500
1000
500
0
0
100
200
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400
500
600
700
800
900
1000
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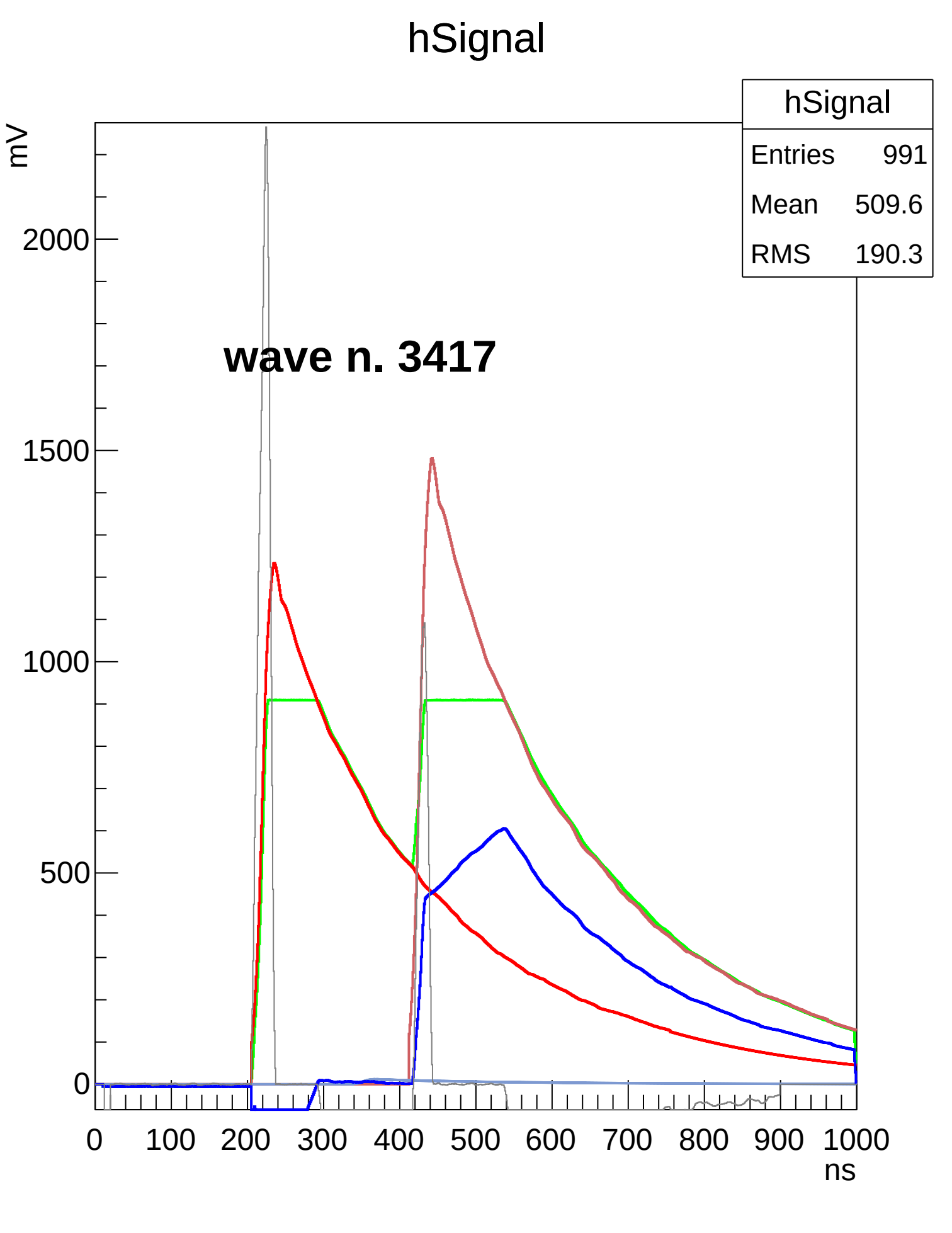
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hSignal
Entries 991
Mean 509.6
RMS 190.3
wave n. 3417
mV
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1000
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0
0
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400
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900
1000
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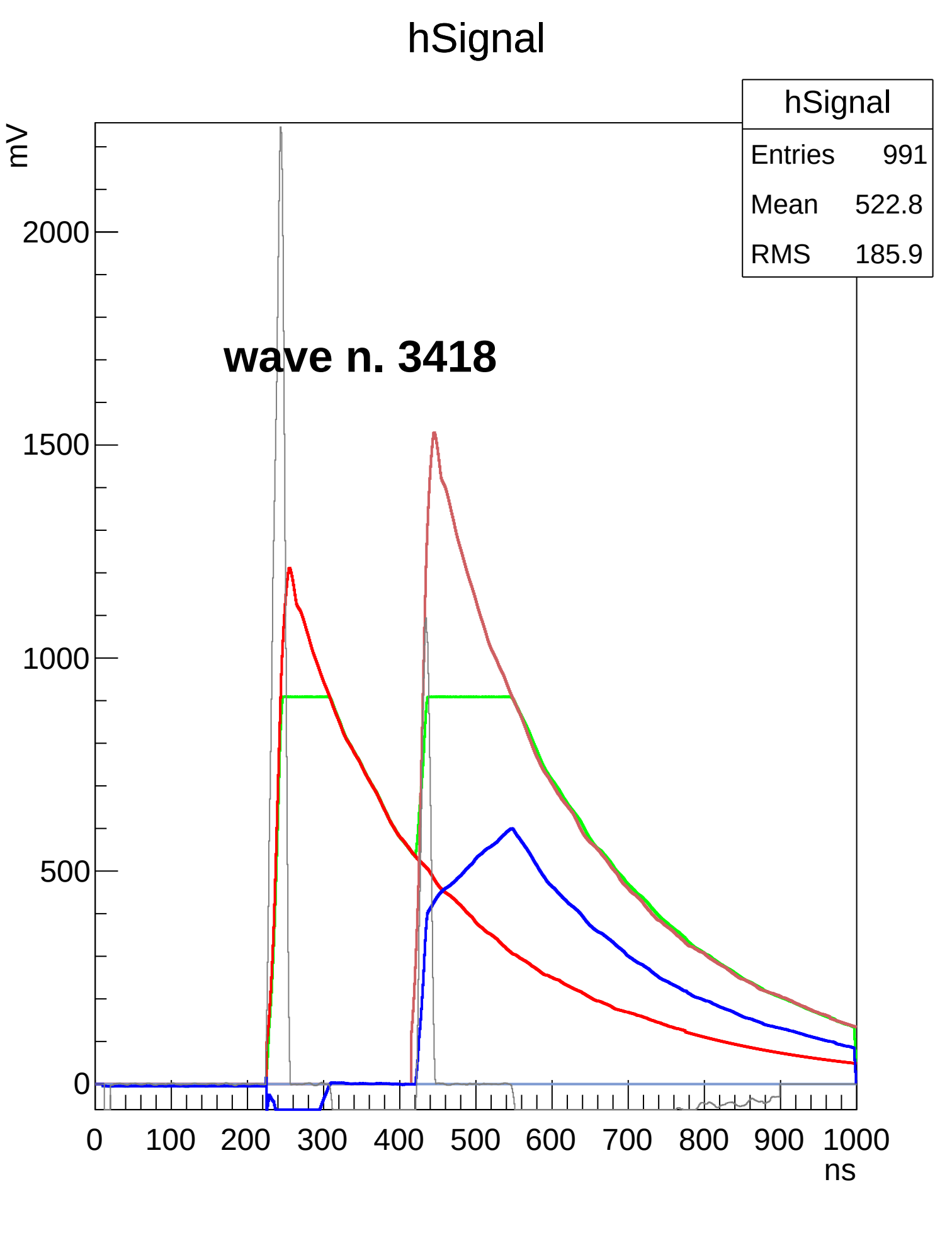
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Entries 991
Mean 522.8
RMS 185.9
wave n. 3418
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0
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400
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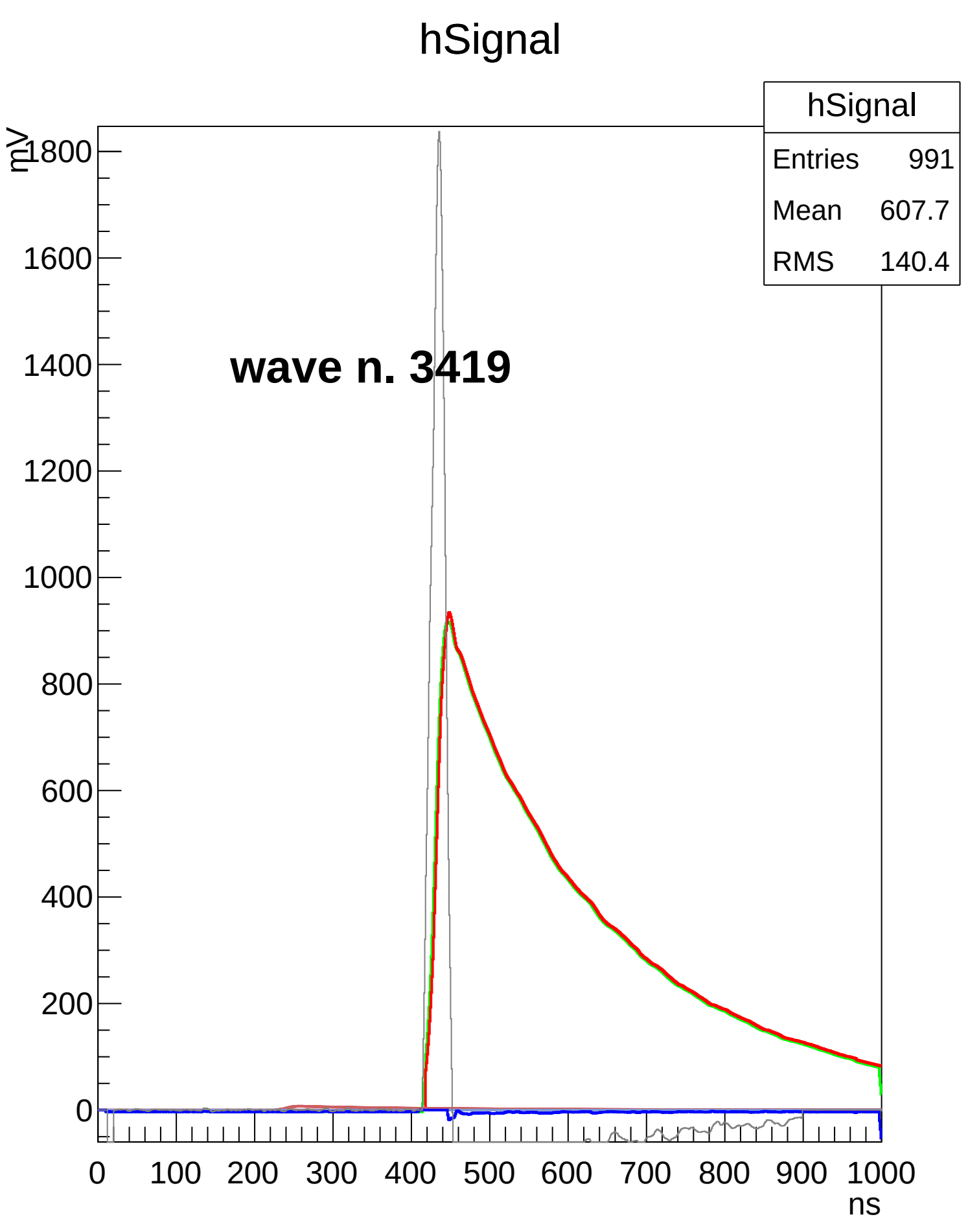
800
900
1000
ns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hSignal
Entries 991
Mean 607.7
RMS 140.4
wave n. 3419
mV
1800
1600
1400
1200
1000
800
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400
200
0
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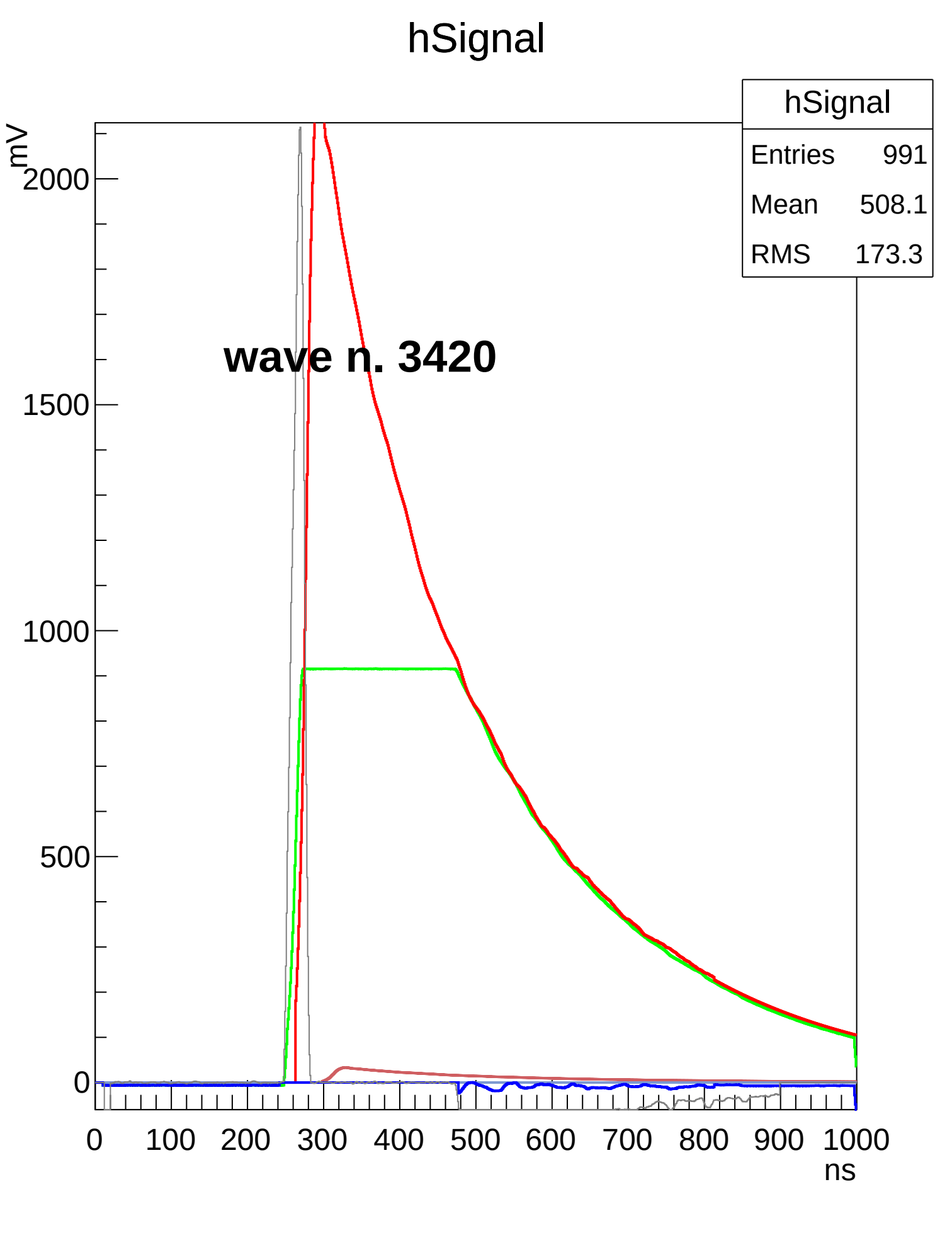
ns


hSignal
hSignal
Entries 991
Mean 508.1
RMS 173.3
wave n. 3420
mV
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1000
500
0
0
100
200
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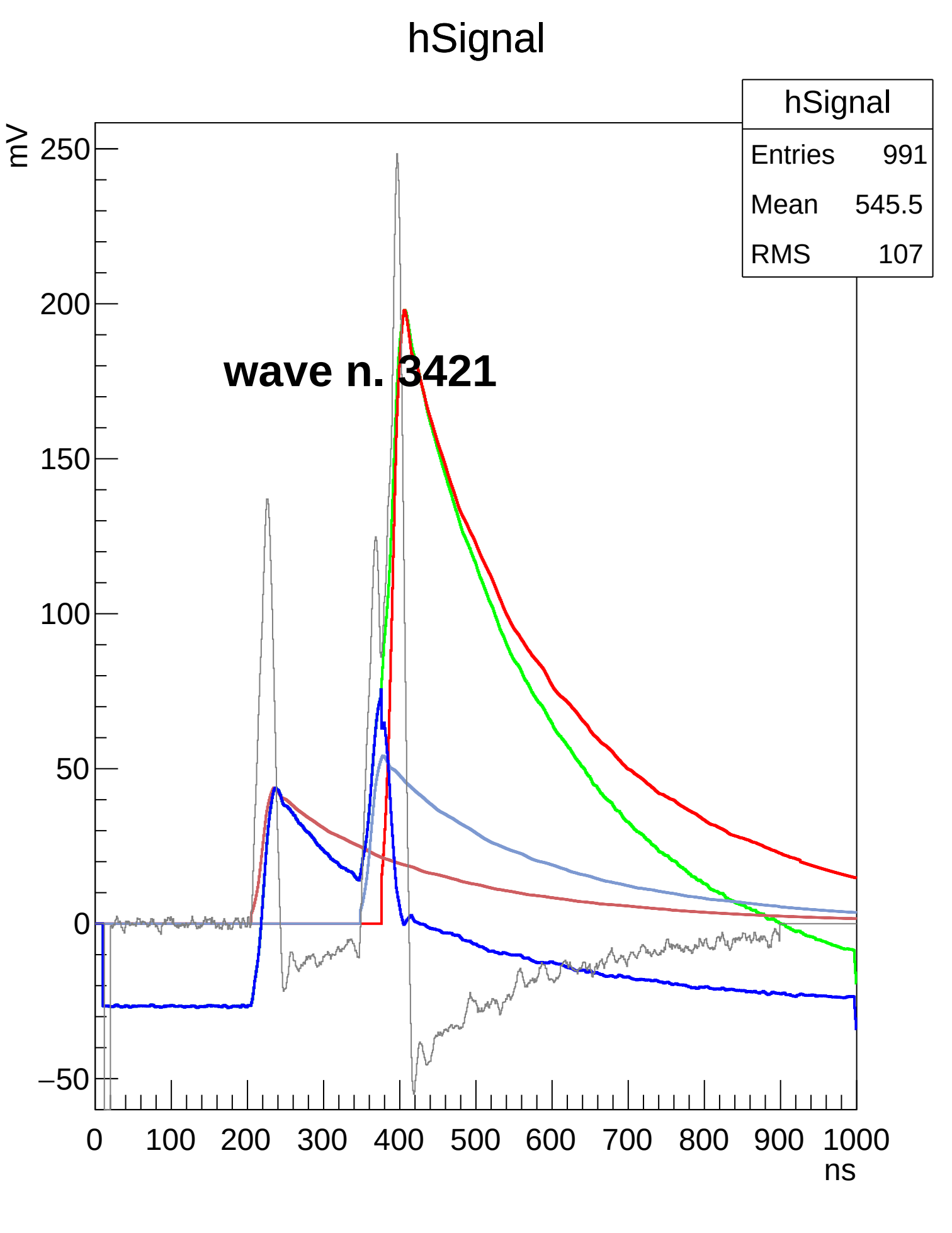
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 545.5
RMS 107
wave n. 3421
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200
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100
50
0
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0
100
200
300
400
500
600
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800
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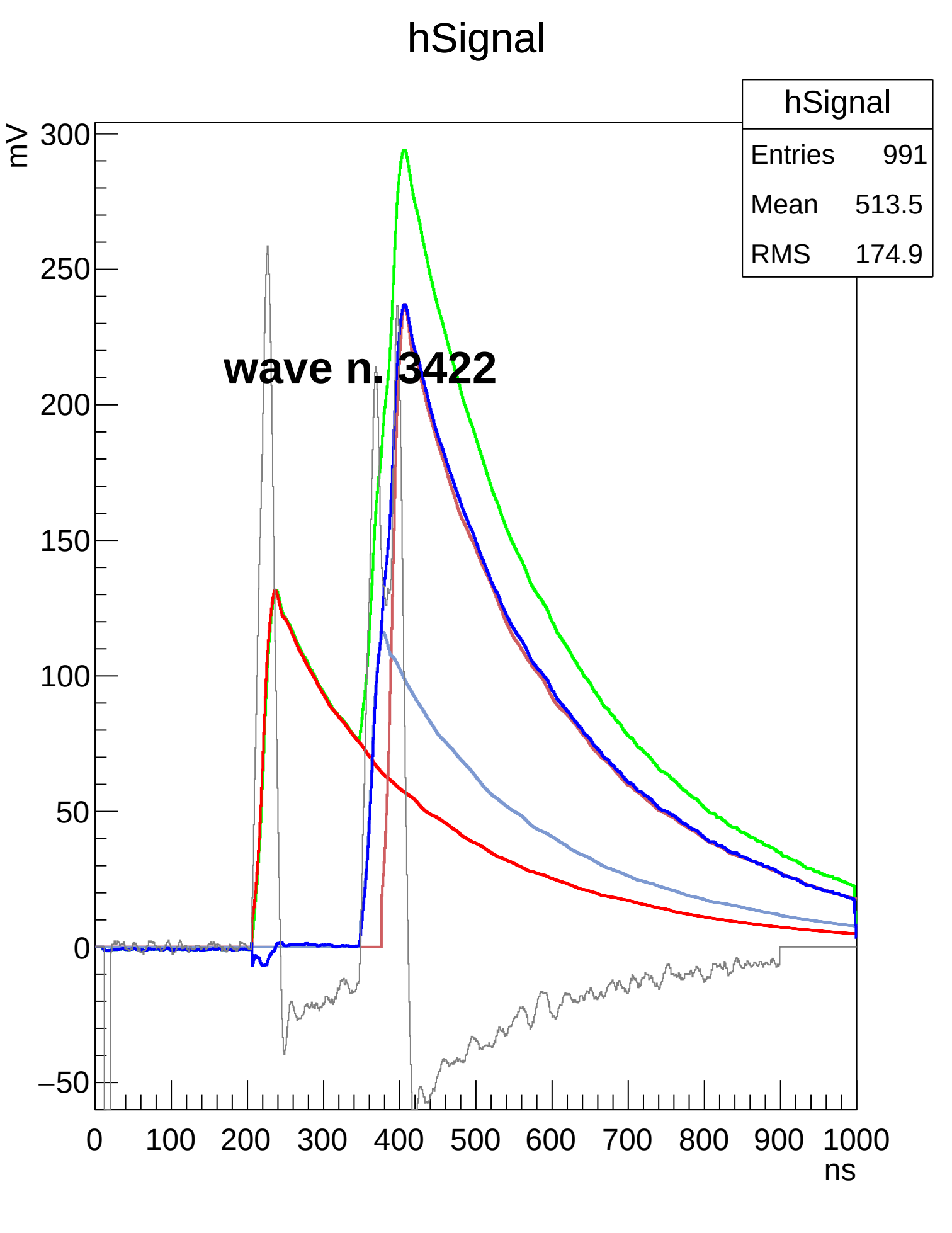
1000
ns


hSignal
hSignal
Entries 991
Mean 513.5
RMS 174.9
wave n. 3422
mV
300
250
200
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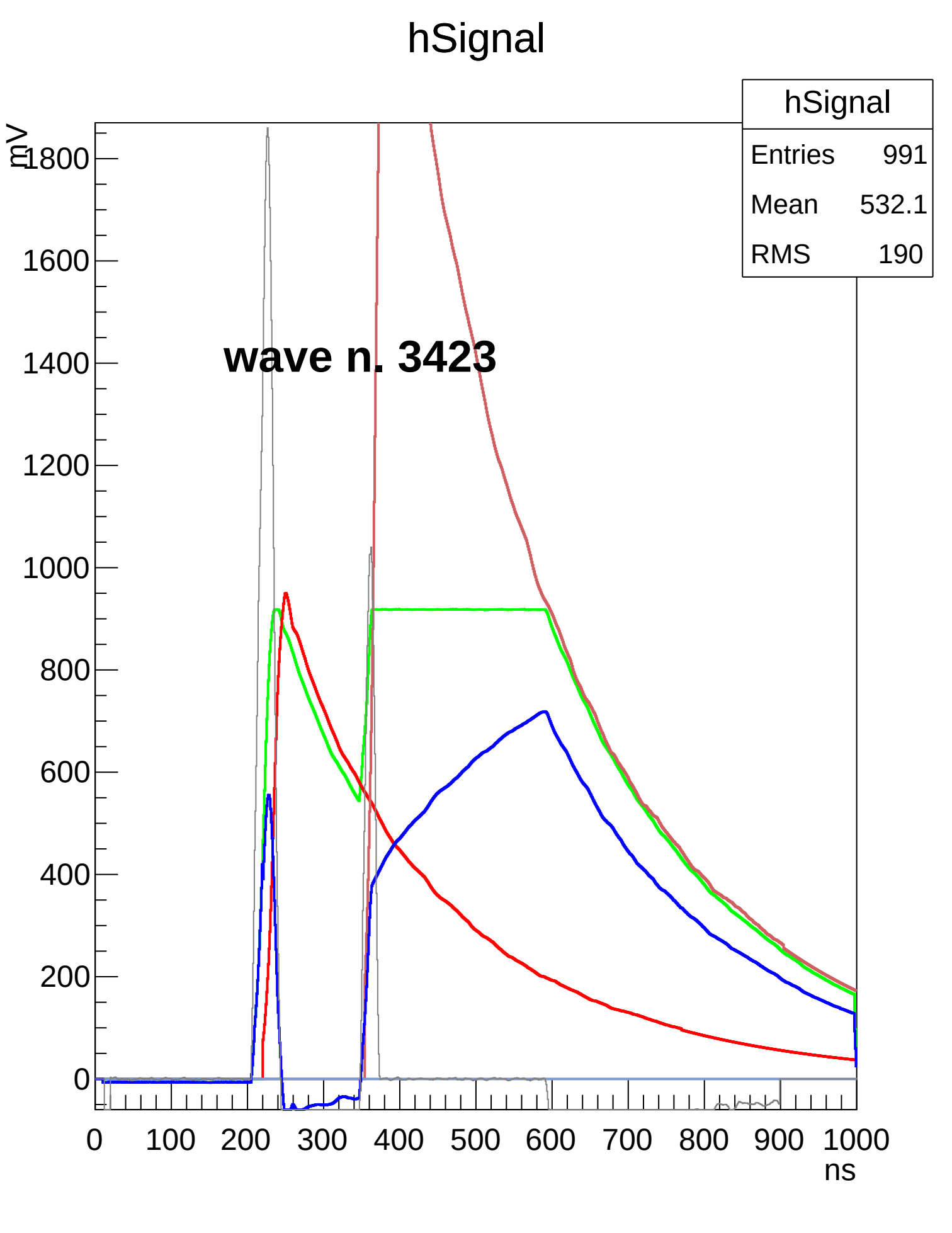
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns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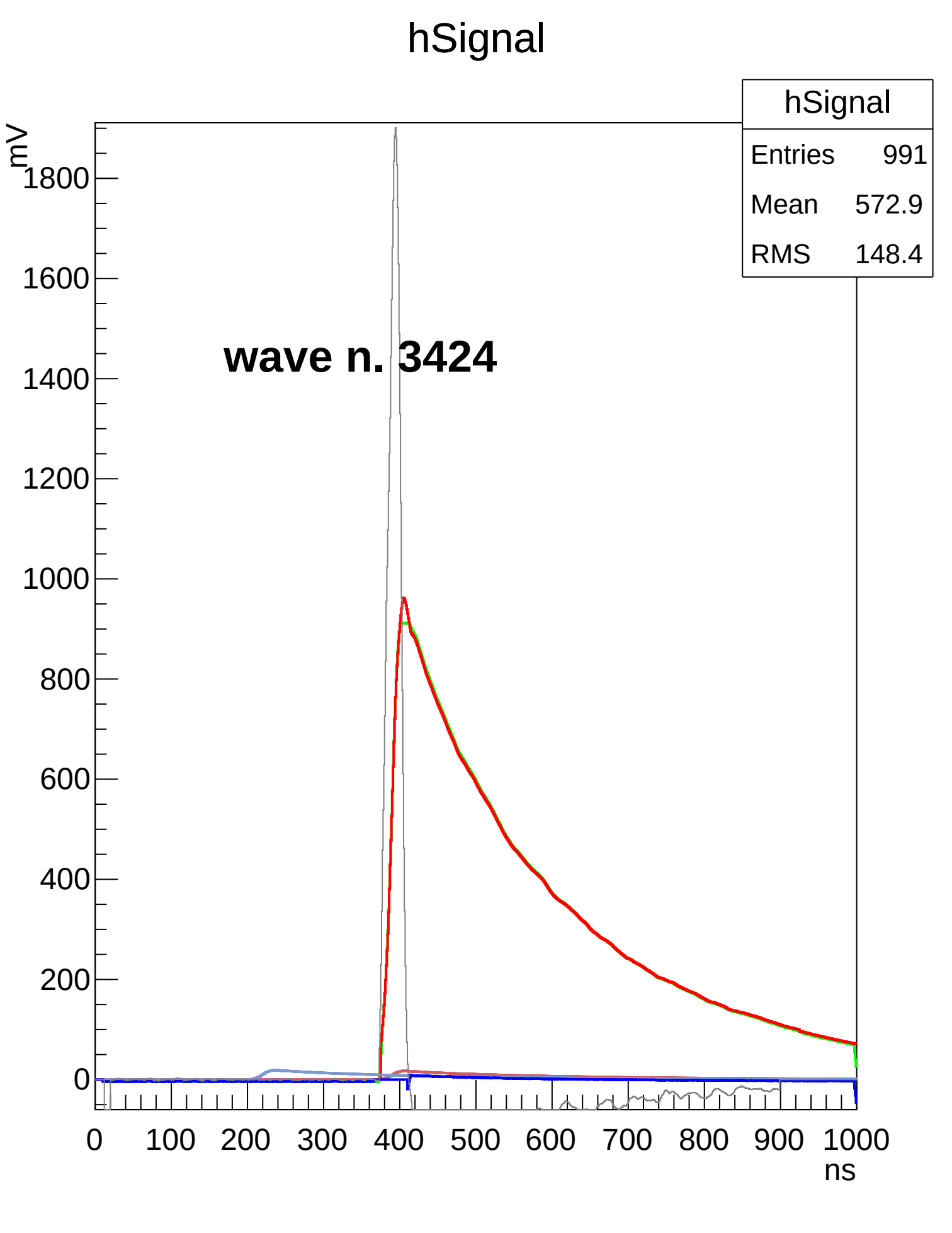
hSignal
Entries 991
Mean 532.1
RMS 190
wave n. 3423
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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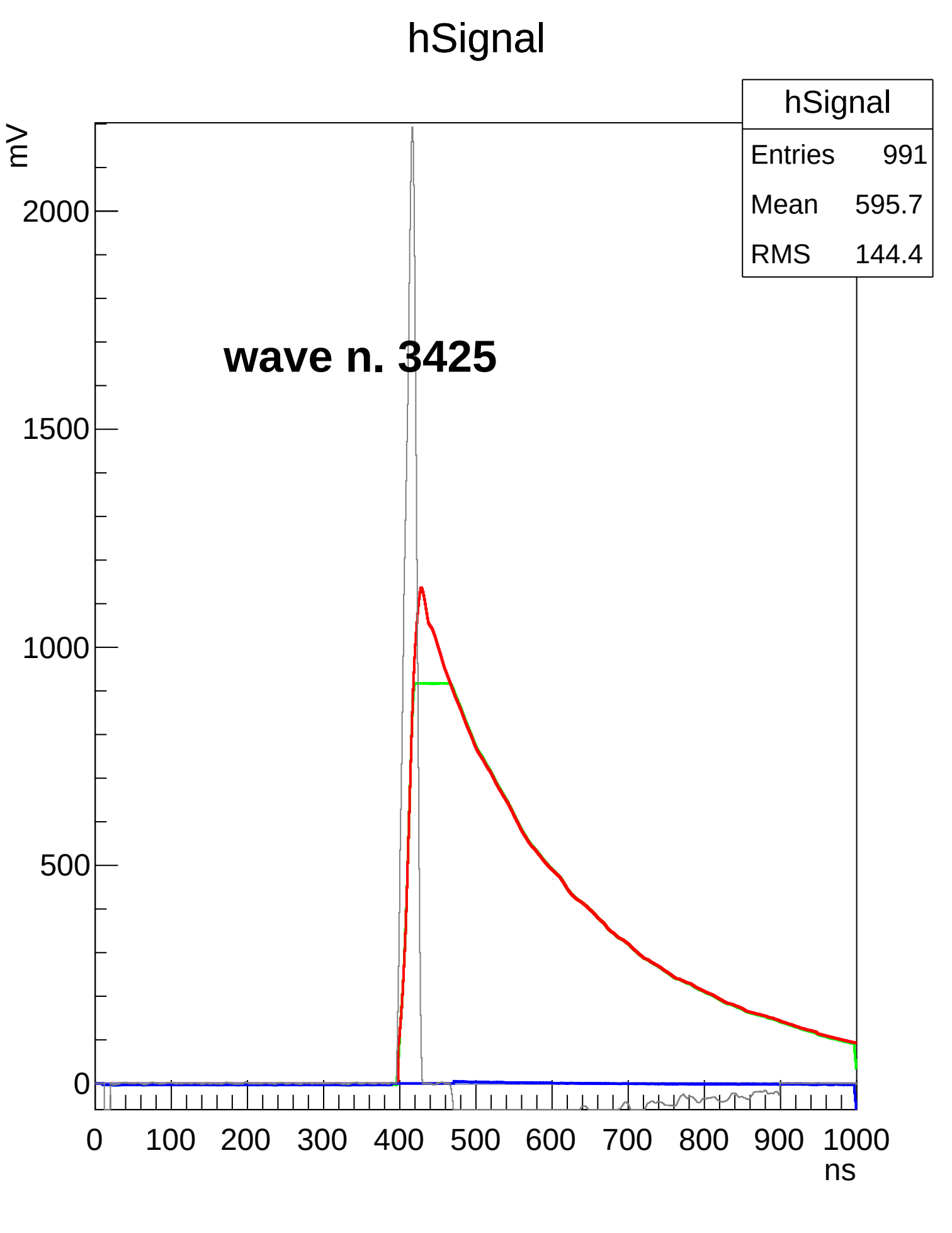
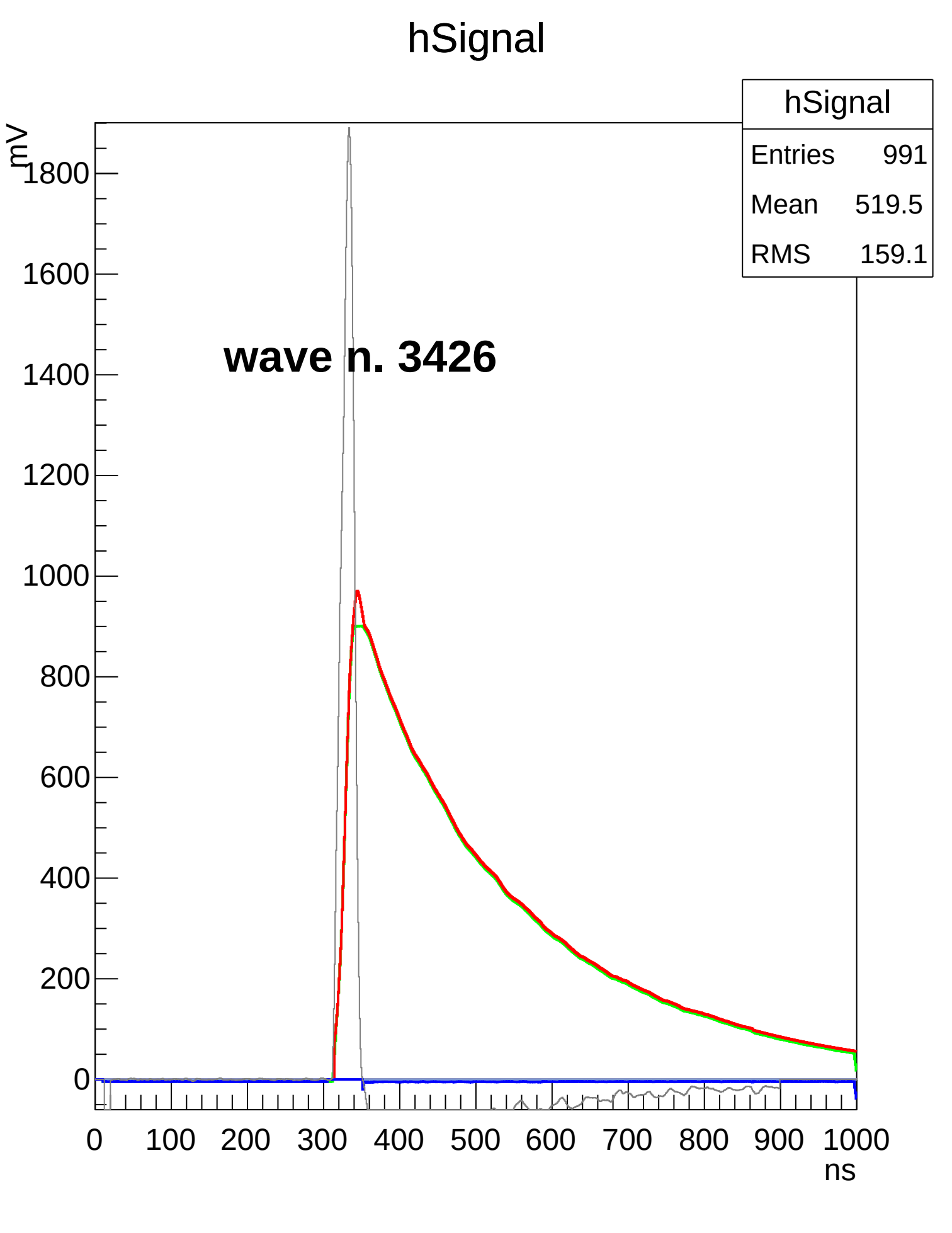
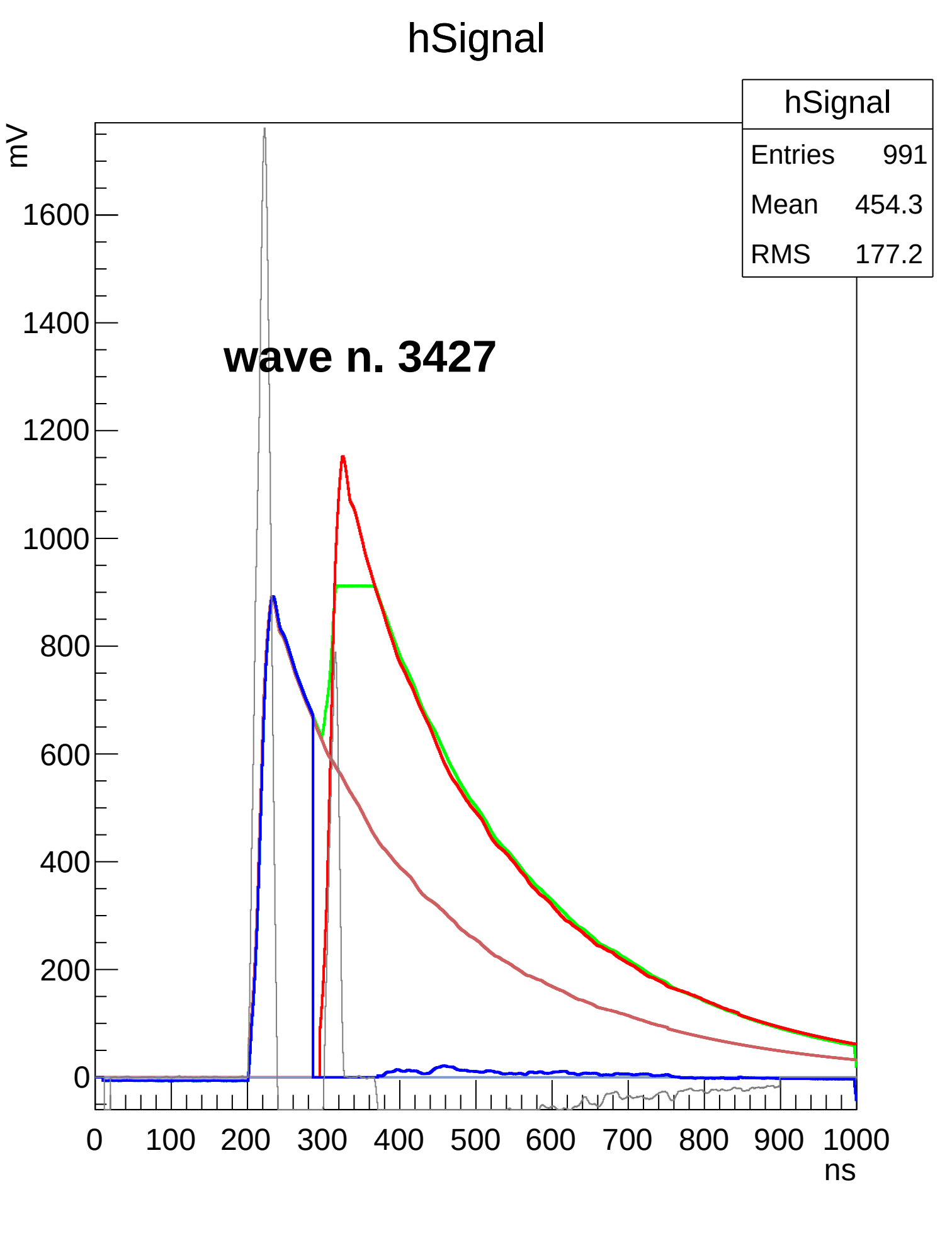
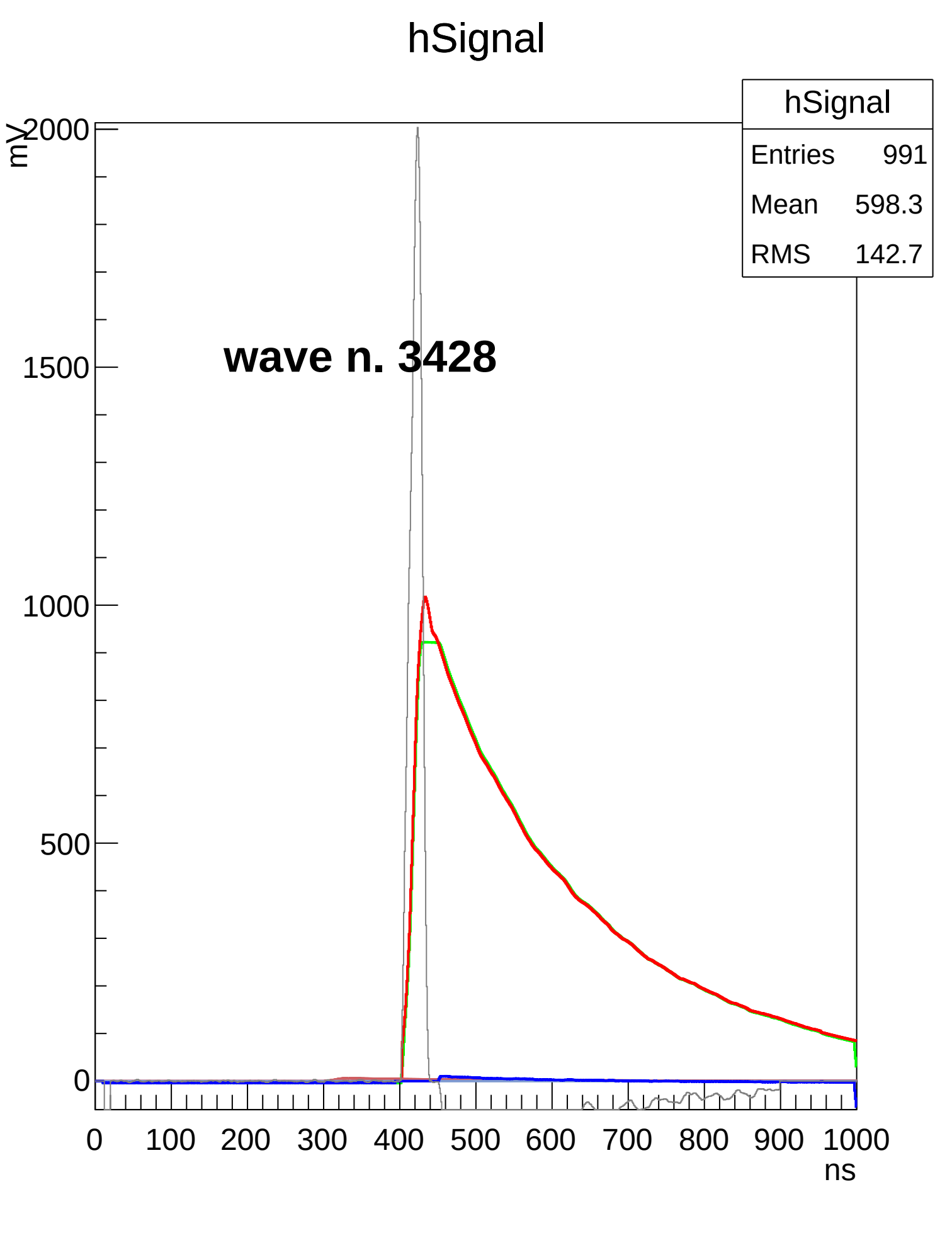
hSignal
Entries 991
Mean 572.9
RMS 148.4
wave n. 3424
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 595.7
RMS 144.4
wave n. 3425
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.5
RMS 159.1
wave n. 3426
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 454.3
RMS 177.2
wave n. 3427
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 598.3
RMS 142.7
wave n. 3428
mV
2000
1500
1000
500
0
0
100
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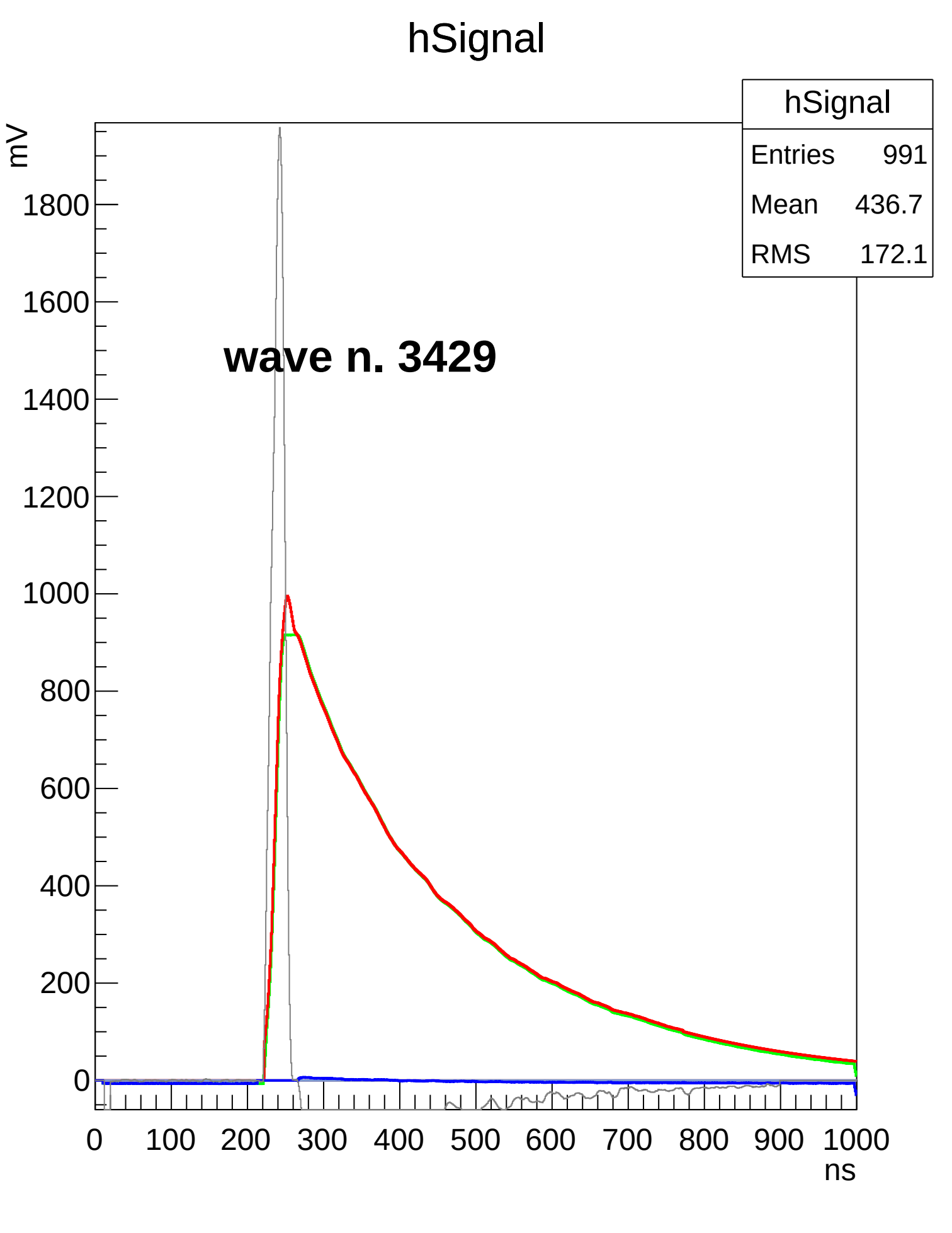
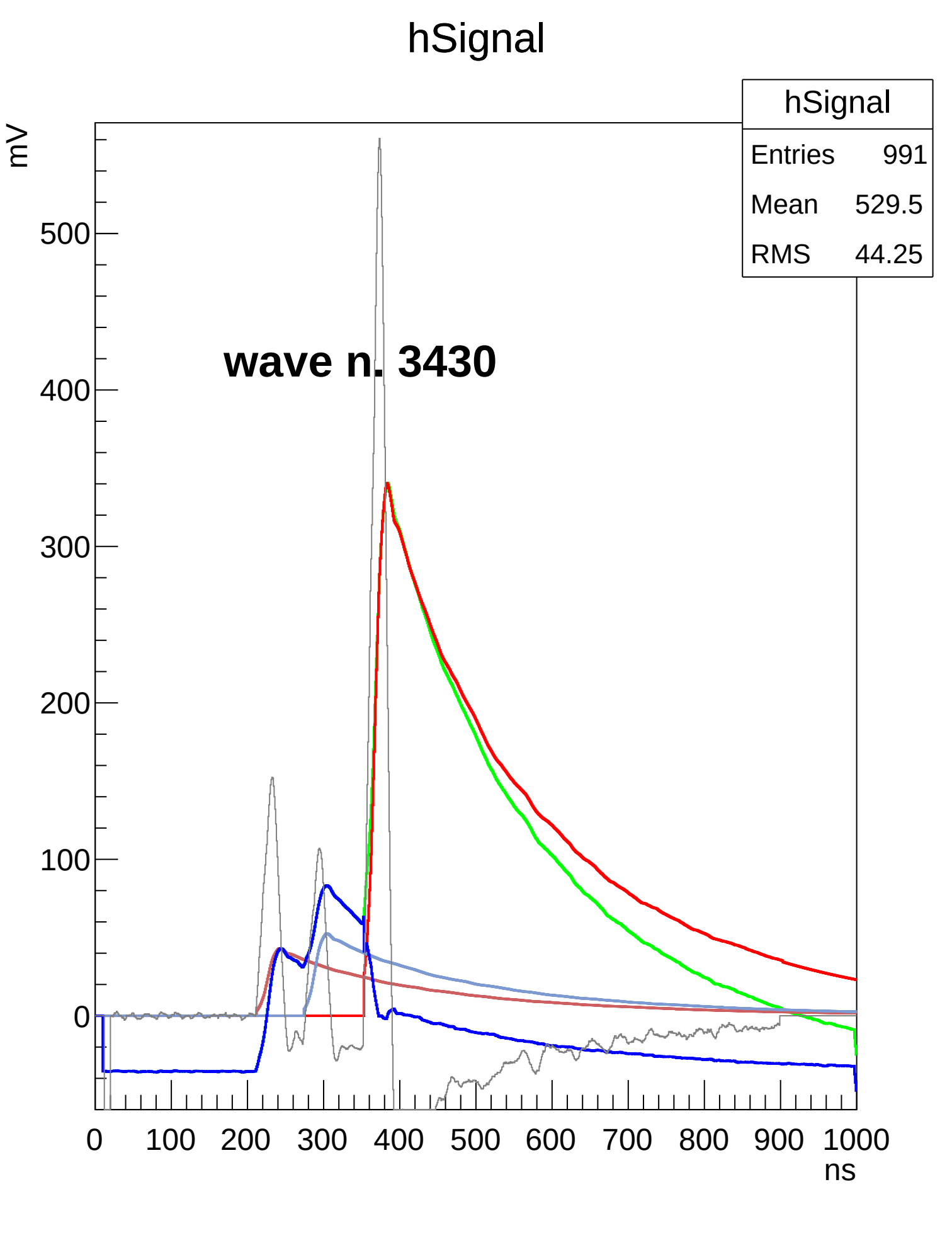
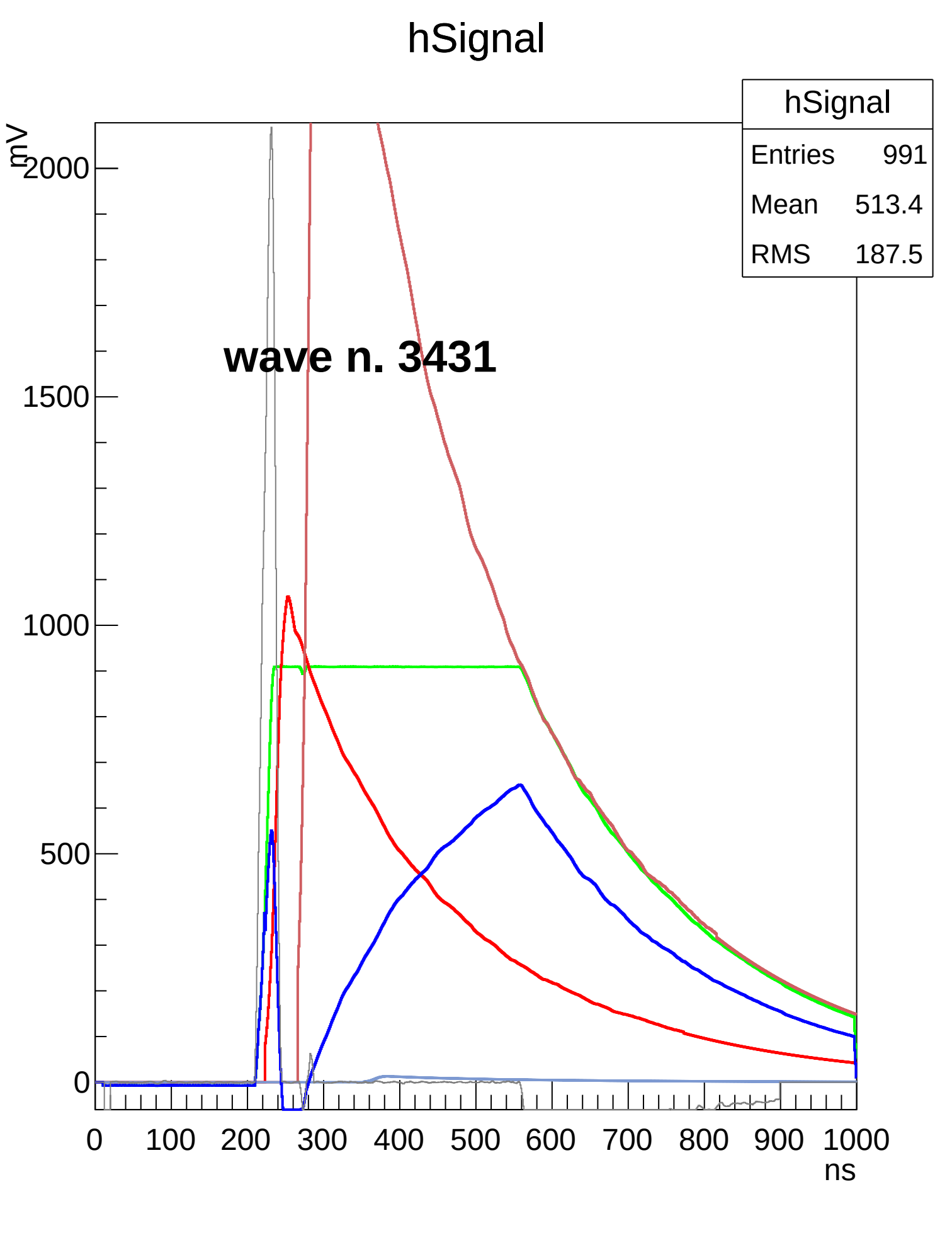
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 436.7
RMS 172.1
wave n. 3429
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 529.5
RMS 44.25
wave n. 3430
mV
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513.4
RMS 187.5
wave n. 3431
mV
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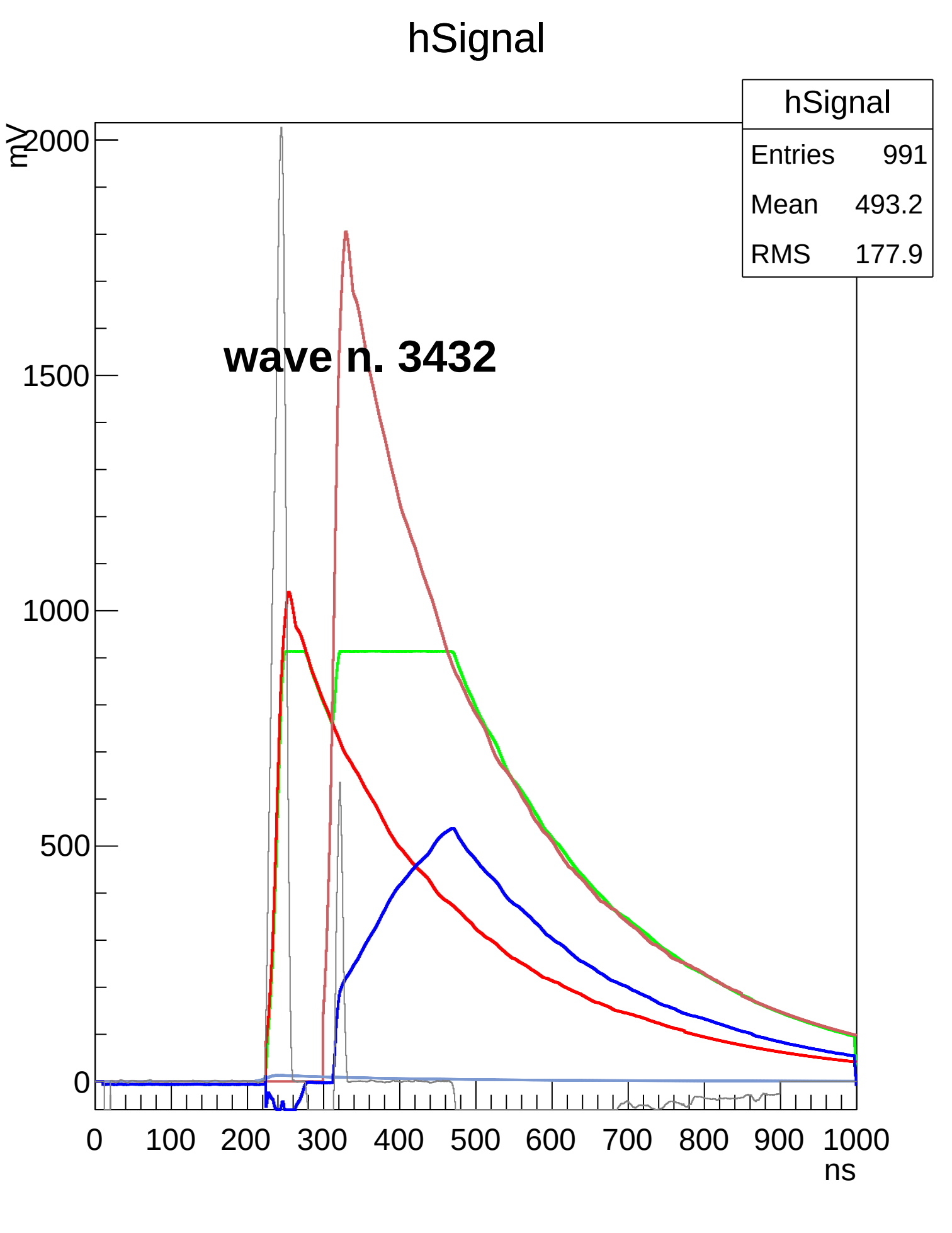
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 493.2
RMS 177.9
wave n. 3432
mV
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1500
1000
500
0
0
100
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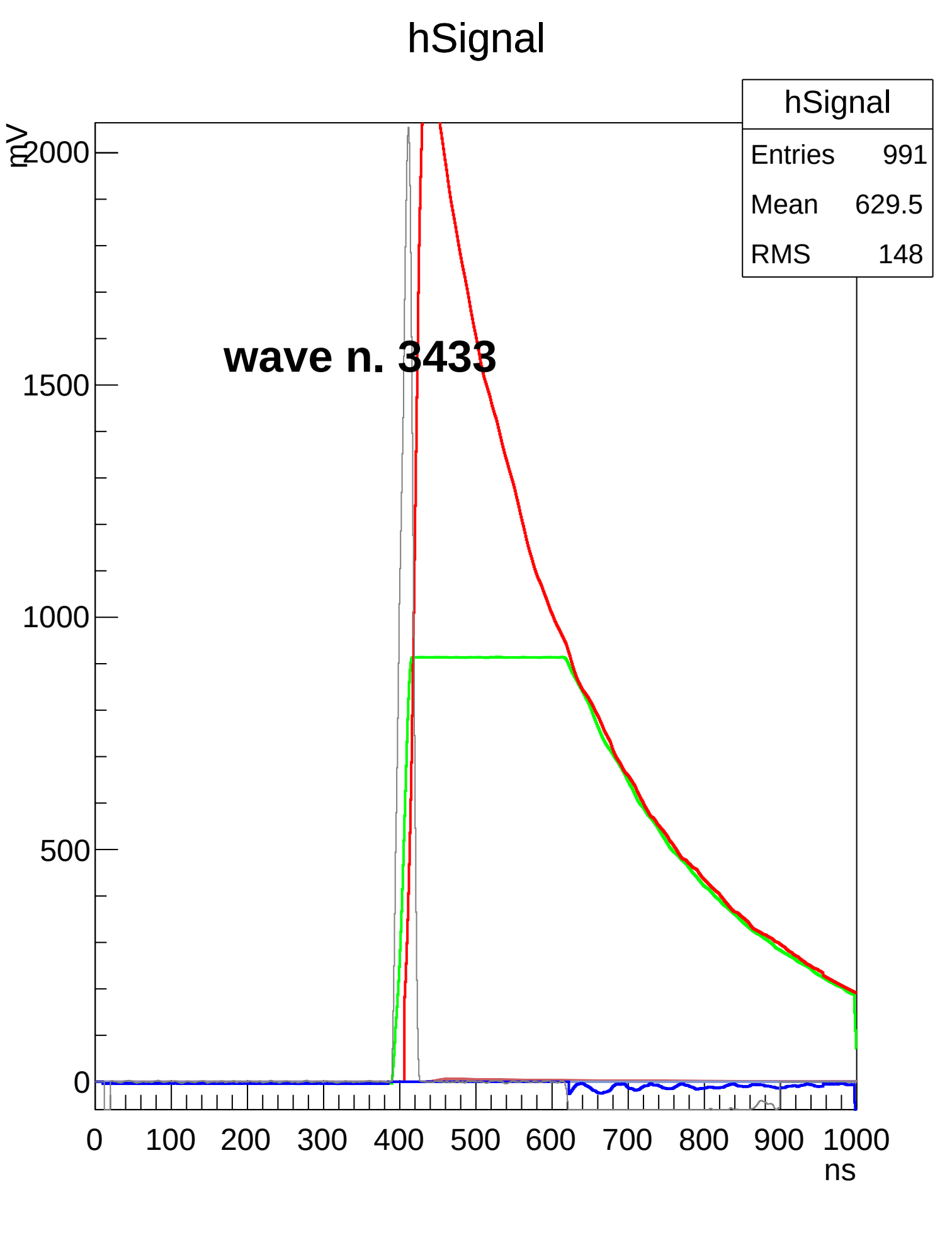
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 629.5
RMS 148
wave n. 3433
mV
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1500
1000
500
0
0
100
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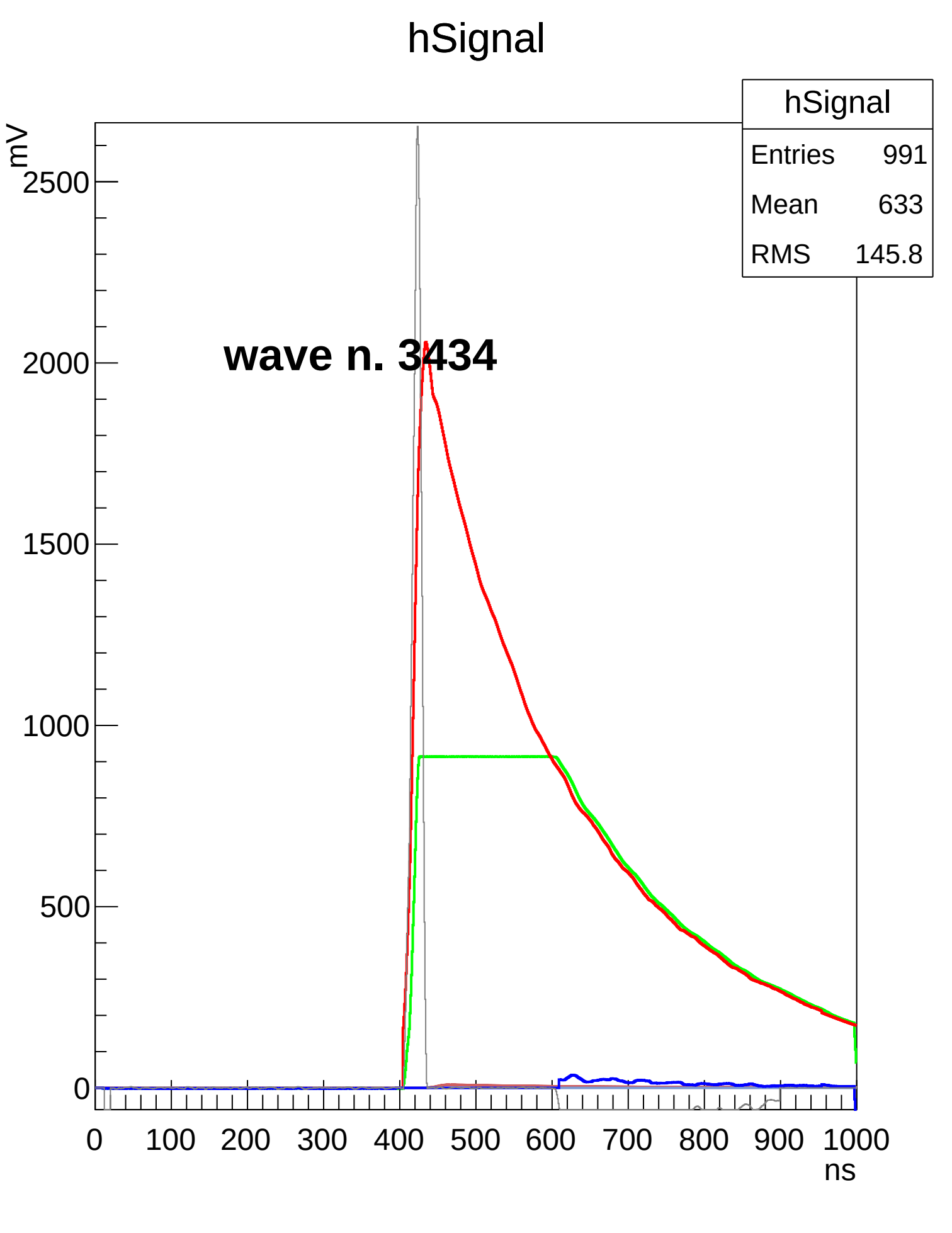
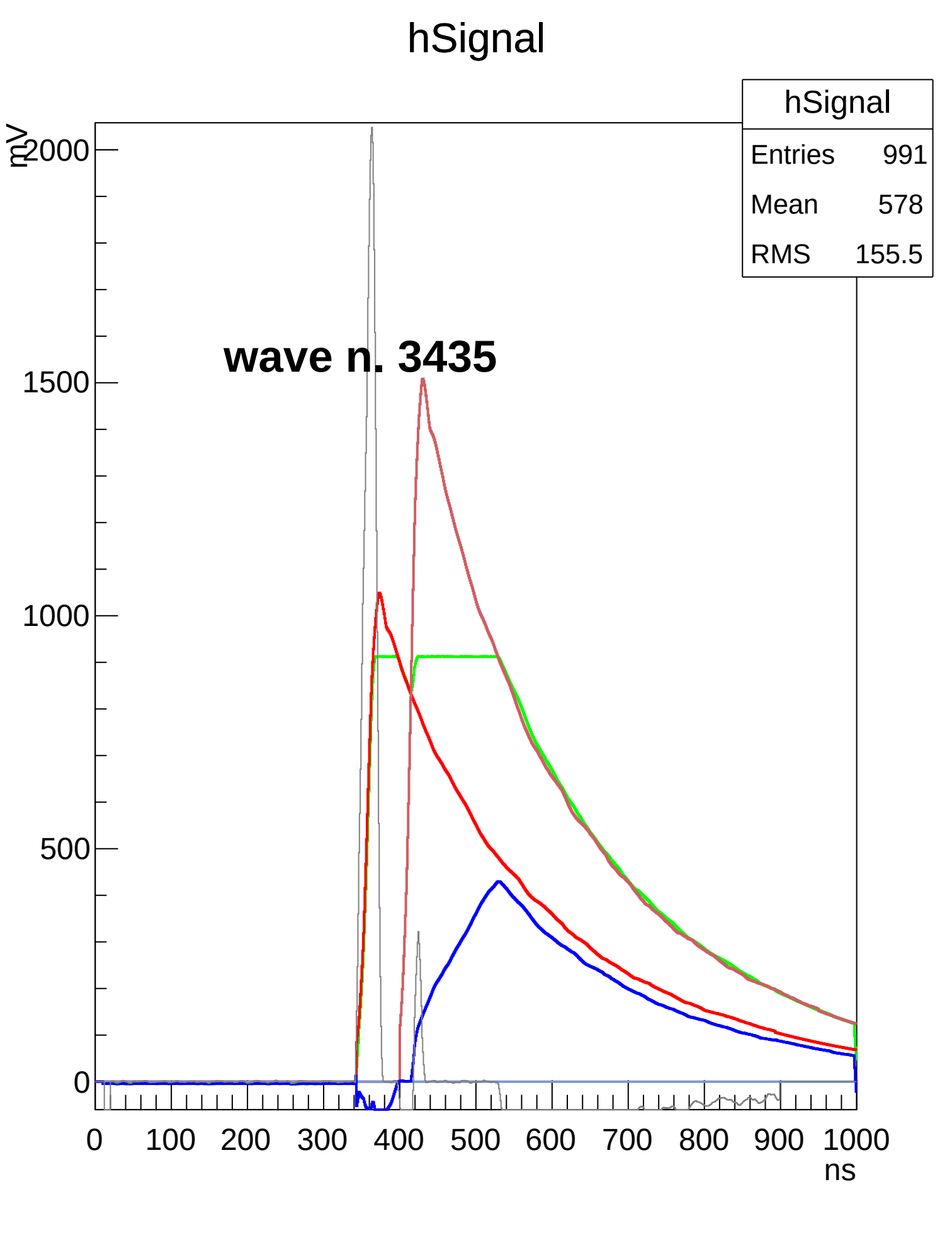
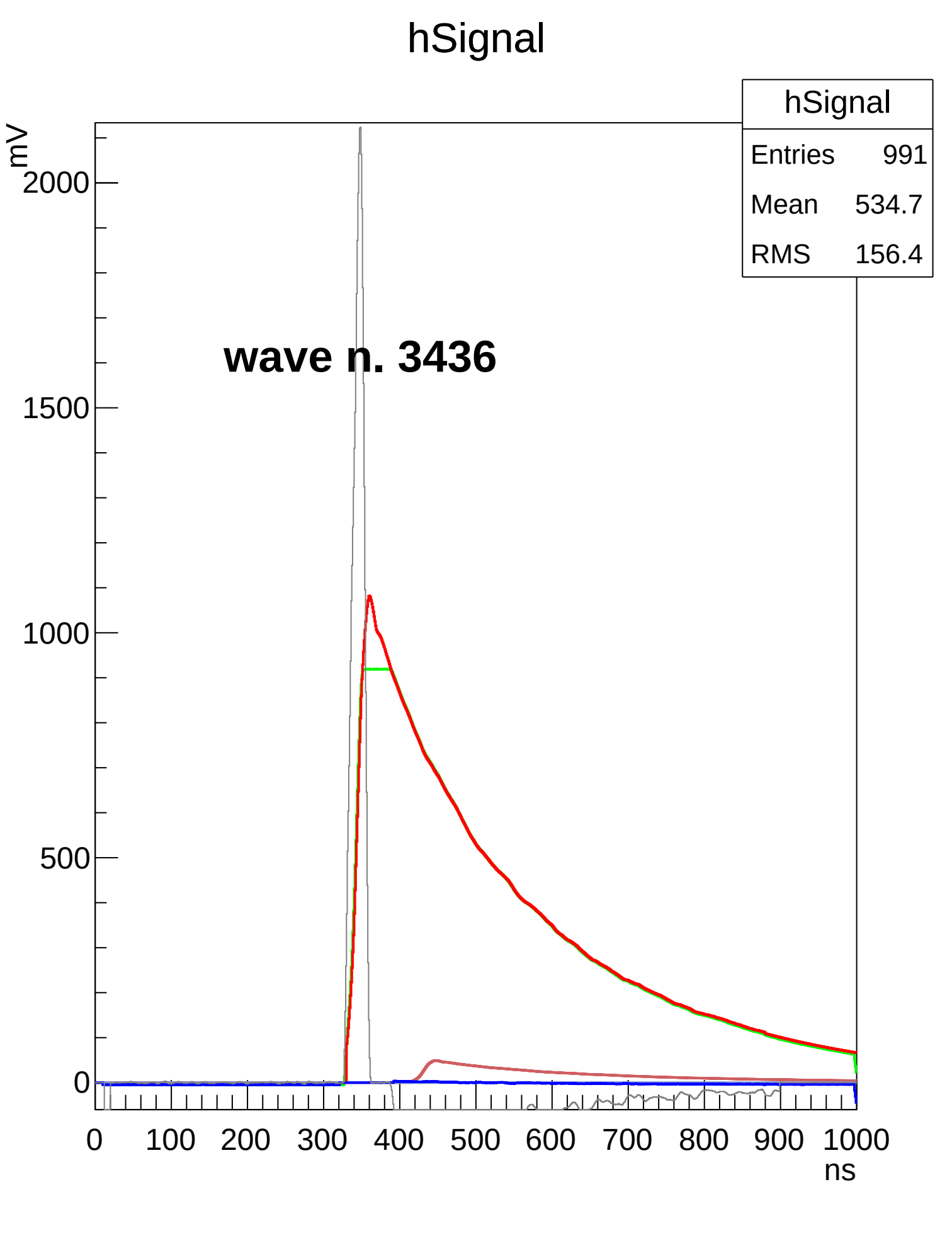
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 633
RMS 145.8
wave n. 3434
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 578
RMS 155.5
wave n. 3435
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 534.7
RMS 156.4
wave n. 3436
mV
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1500
1000
500
0
0
100
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400
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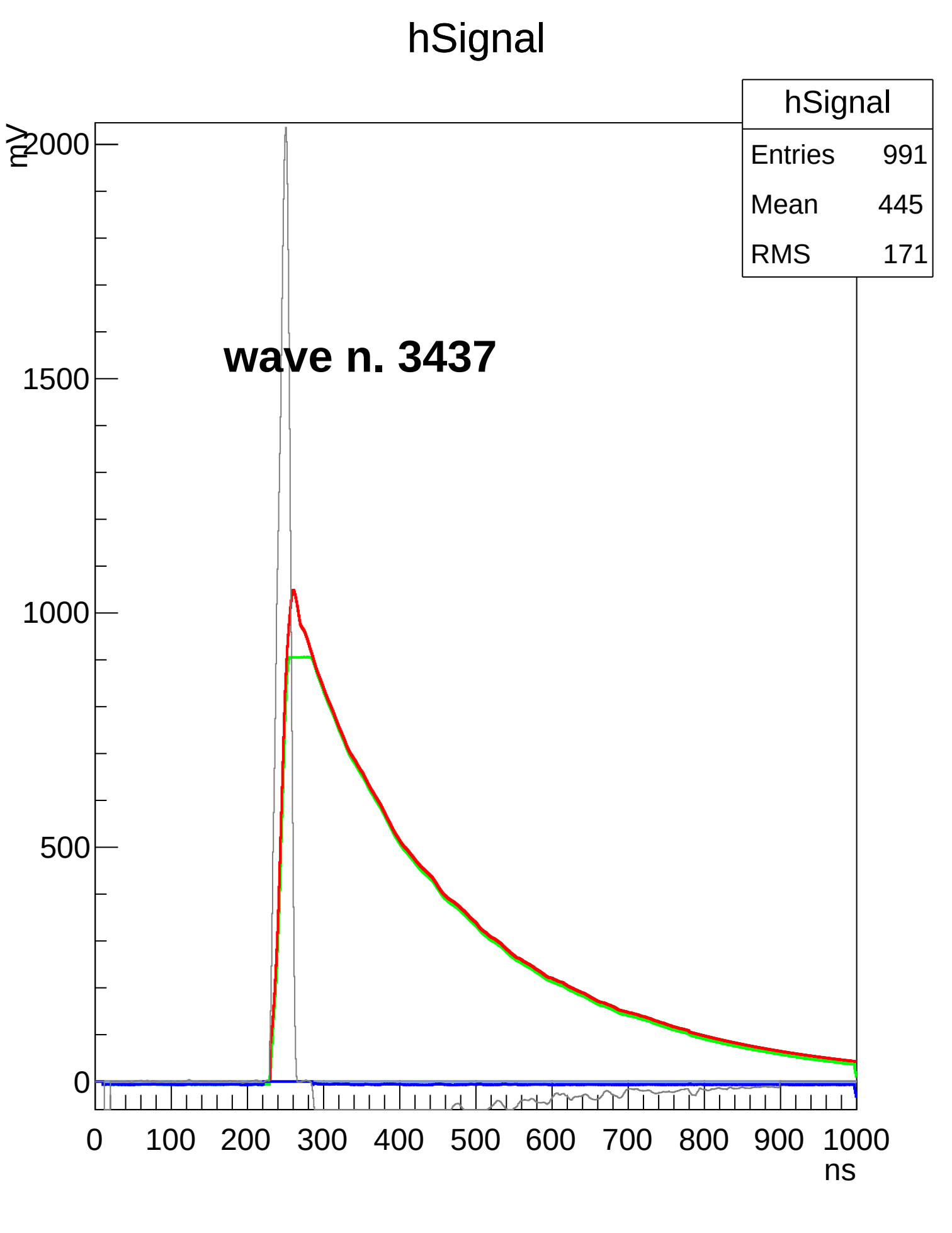
800
900
1000
ns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hSignal
Entries 991
Mean 445
RMS 171
wave n. 3437
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1500
1000
500
0
0
100
200
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400
500
600
700
800
900
1000
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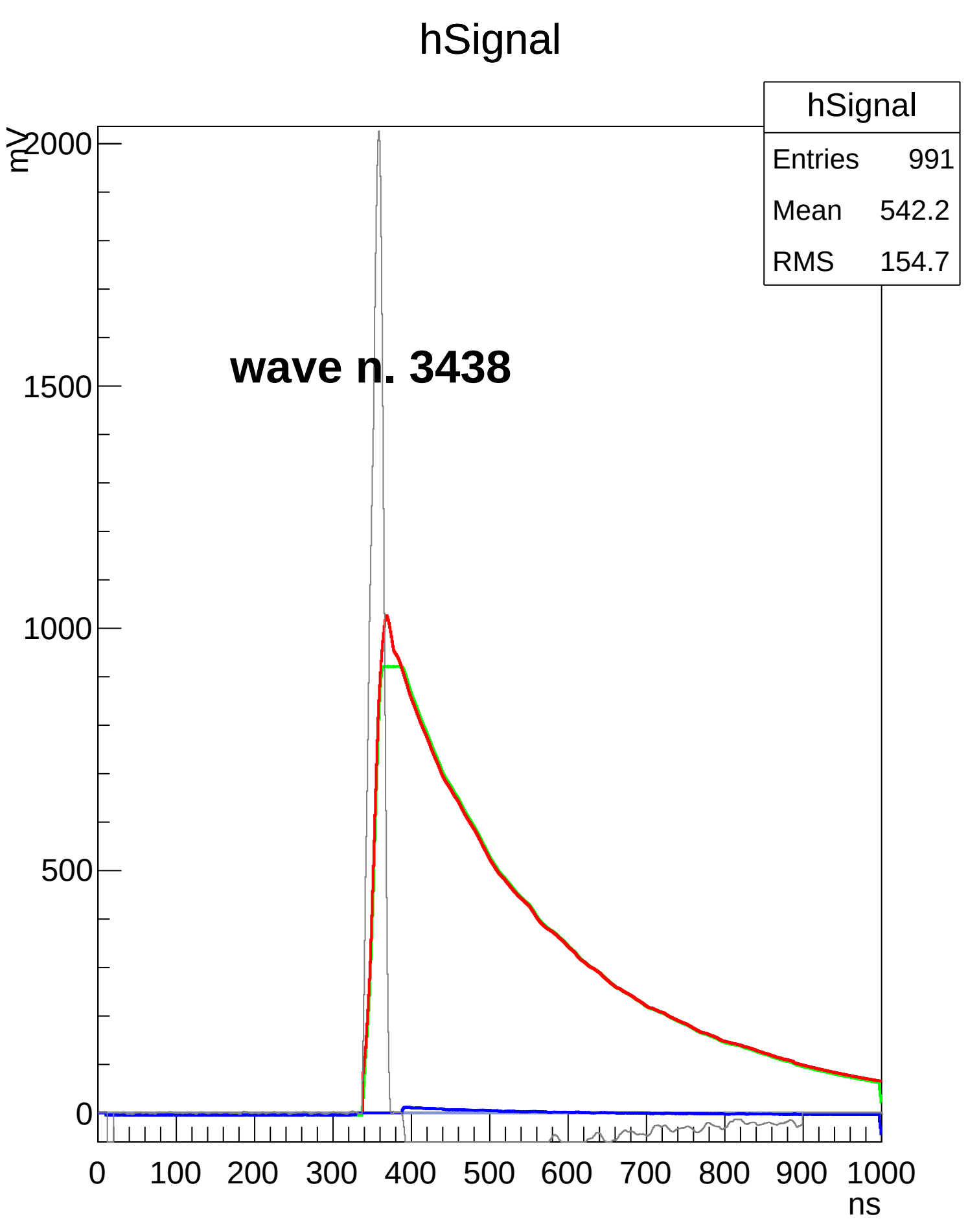
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hSignal
Entries 991
Mean 542.2
RMS 154.7
wave n. 3438
mV
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1500
1000
500
0
0
100
200
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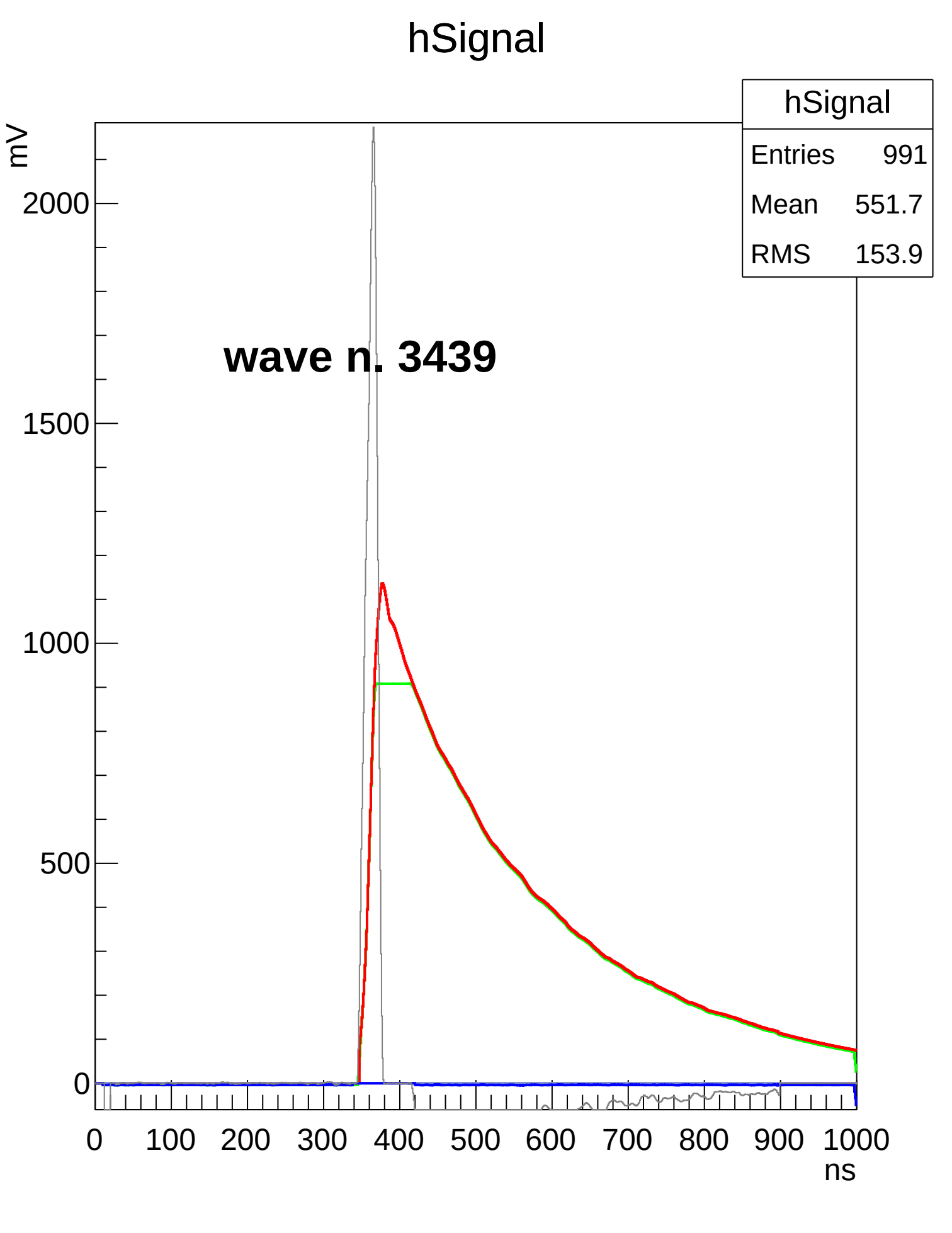
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 551.7
RMS 153.9
wave n. 3439
mV
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1500
1000
500
0
0
100
200
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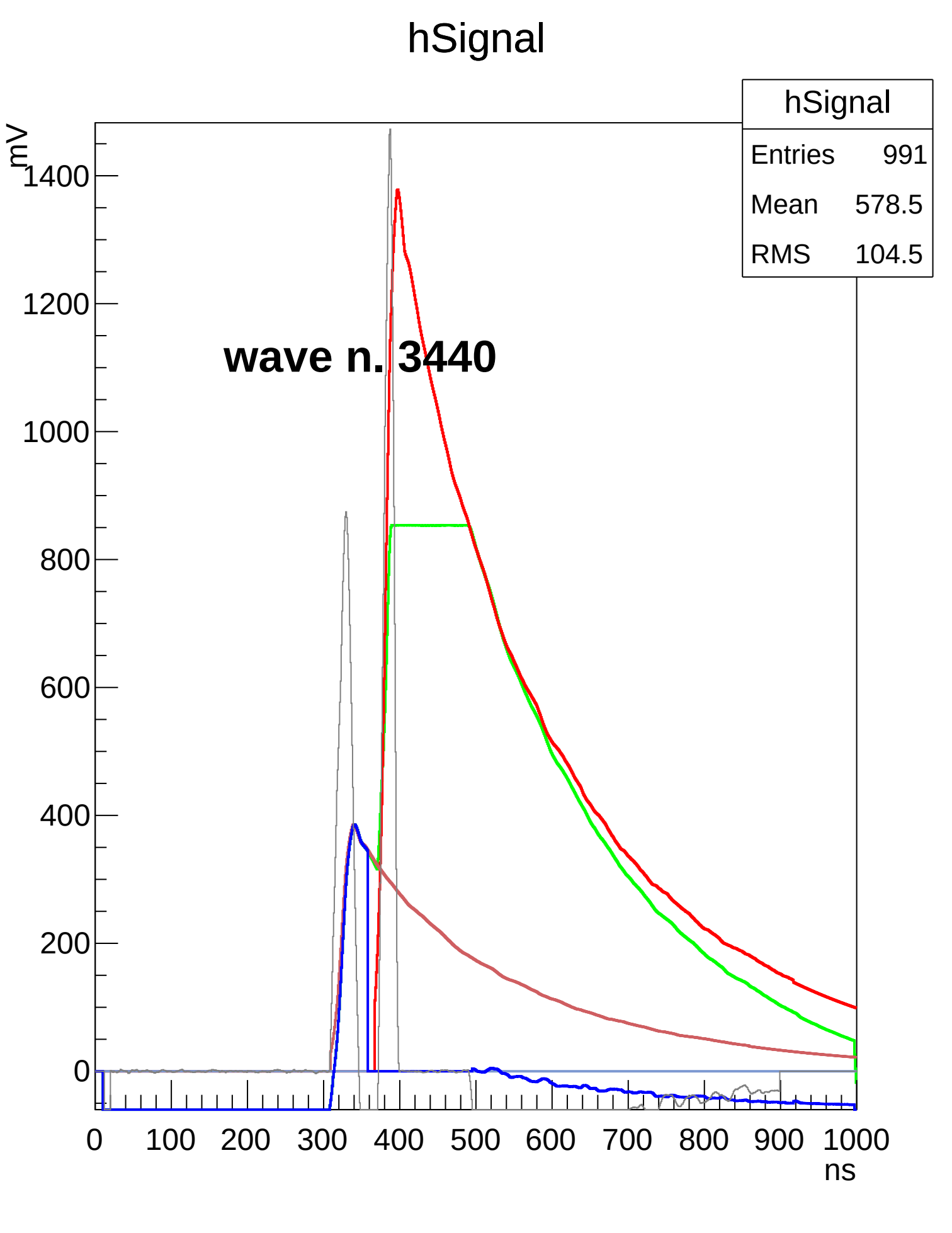
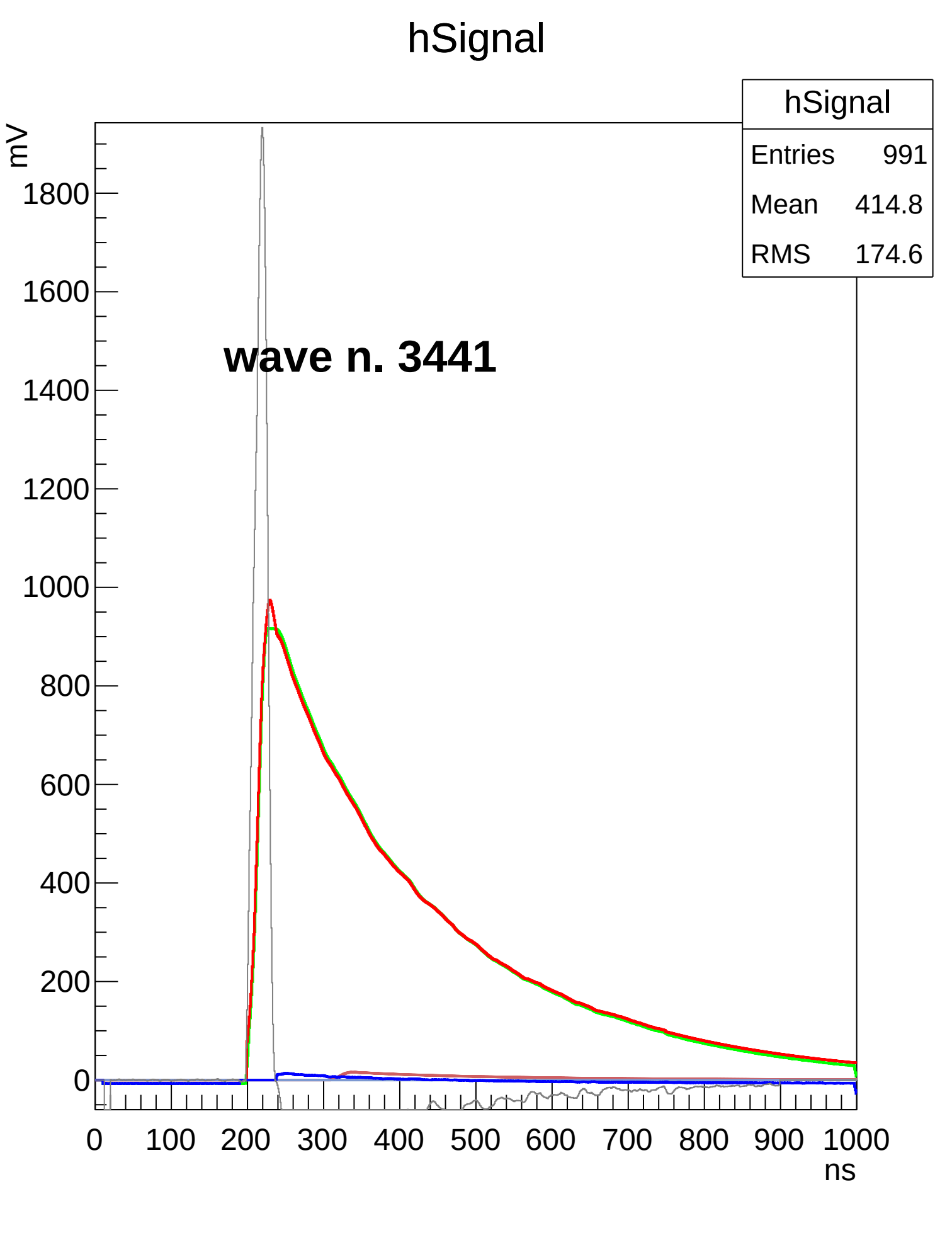
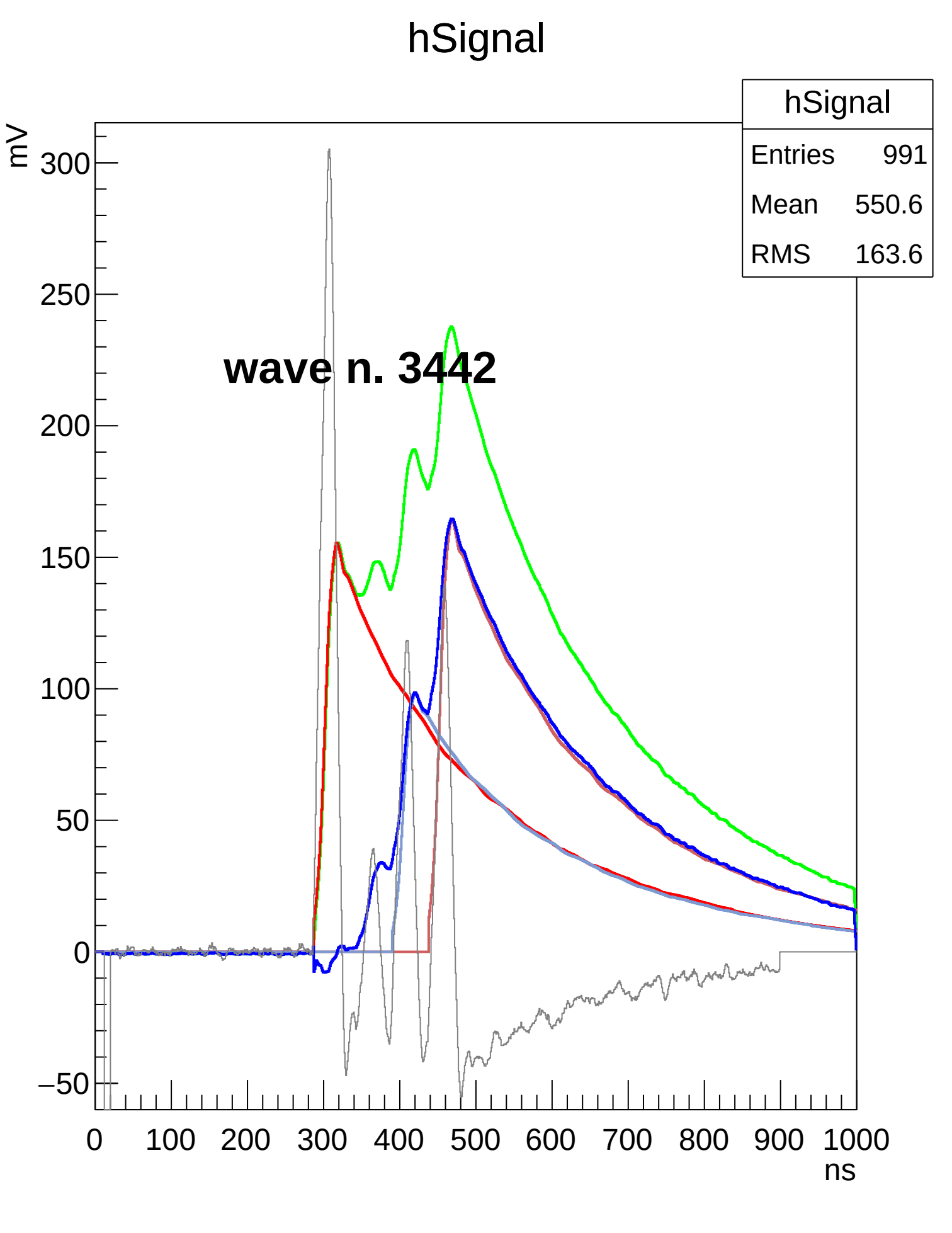
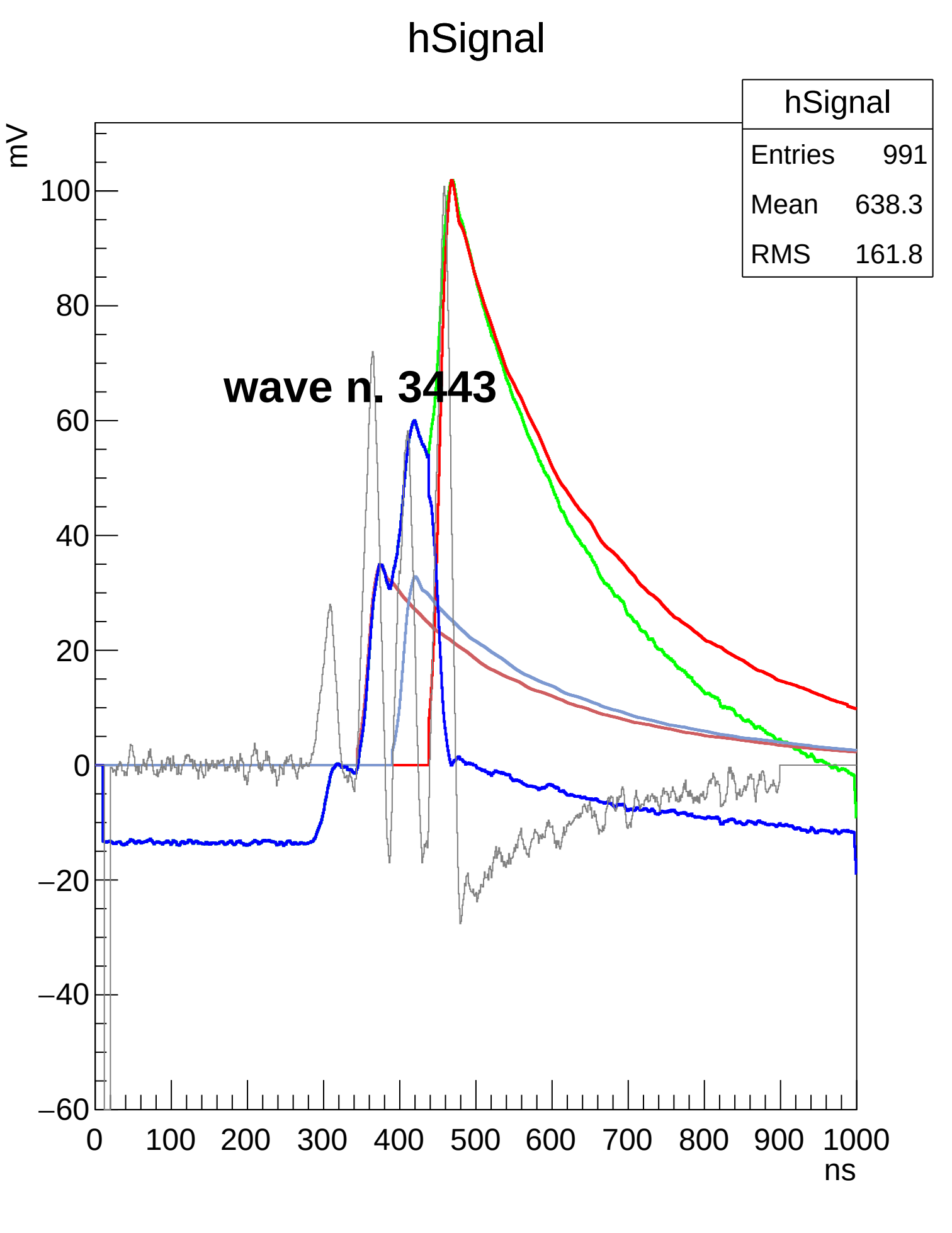
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578.5
RMS 104.5
wave n. 3440
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 414.8
RMS 174.6
wave n. 3441
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.6
RMS 163.6
wave n. 3442
mV
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 638.3
RMS 161.8
wave n. 3443
mV
100
80
60
40
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−20
−40
−60
0
100
200
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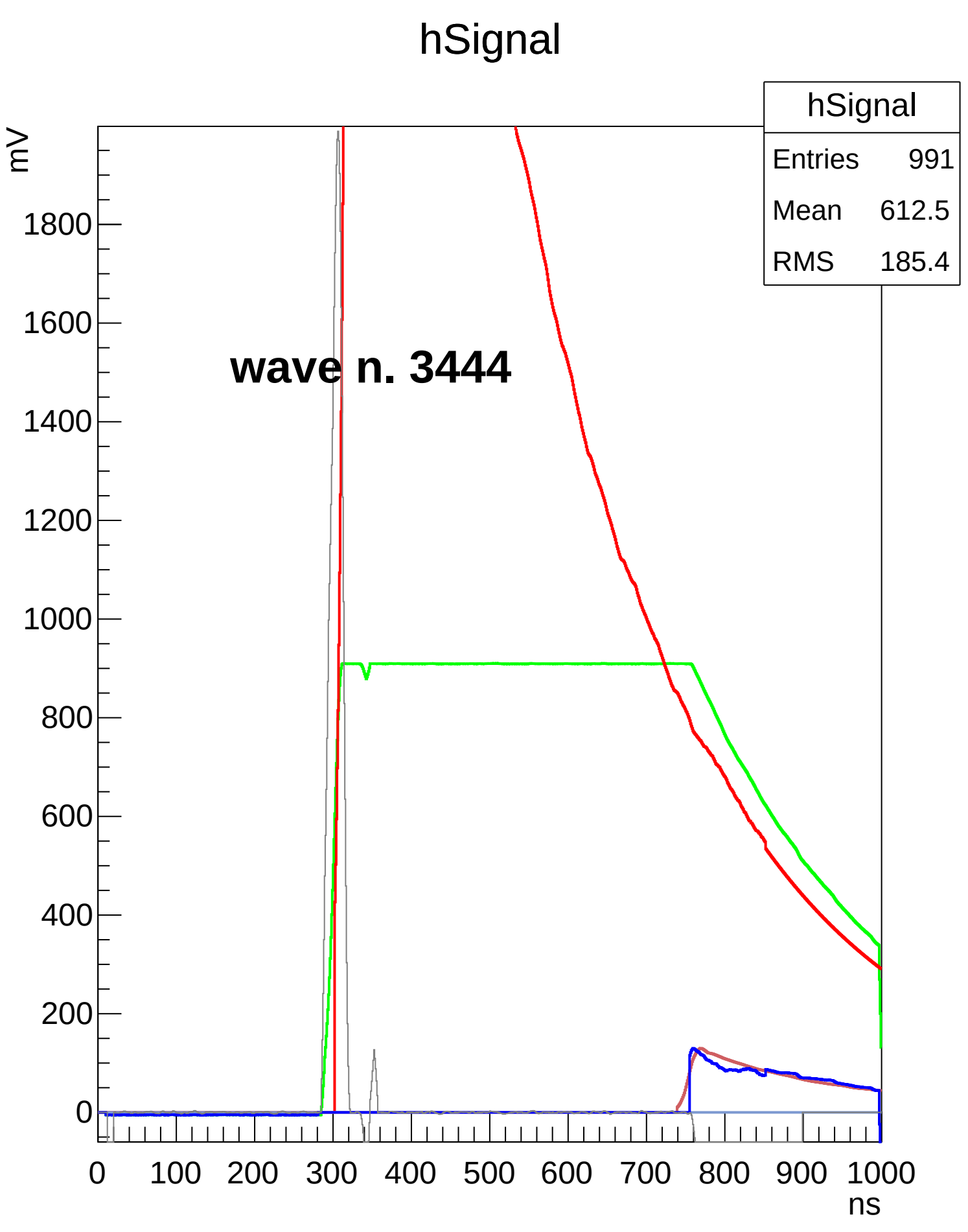
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 612.5
RMS 185.4
wave n. 3444
mV
1800
1600
1400
1200
1000
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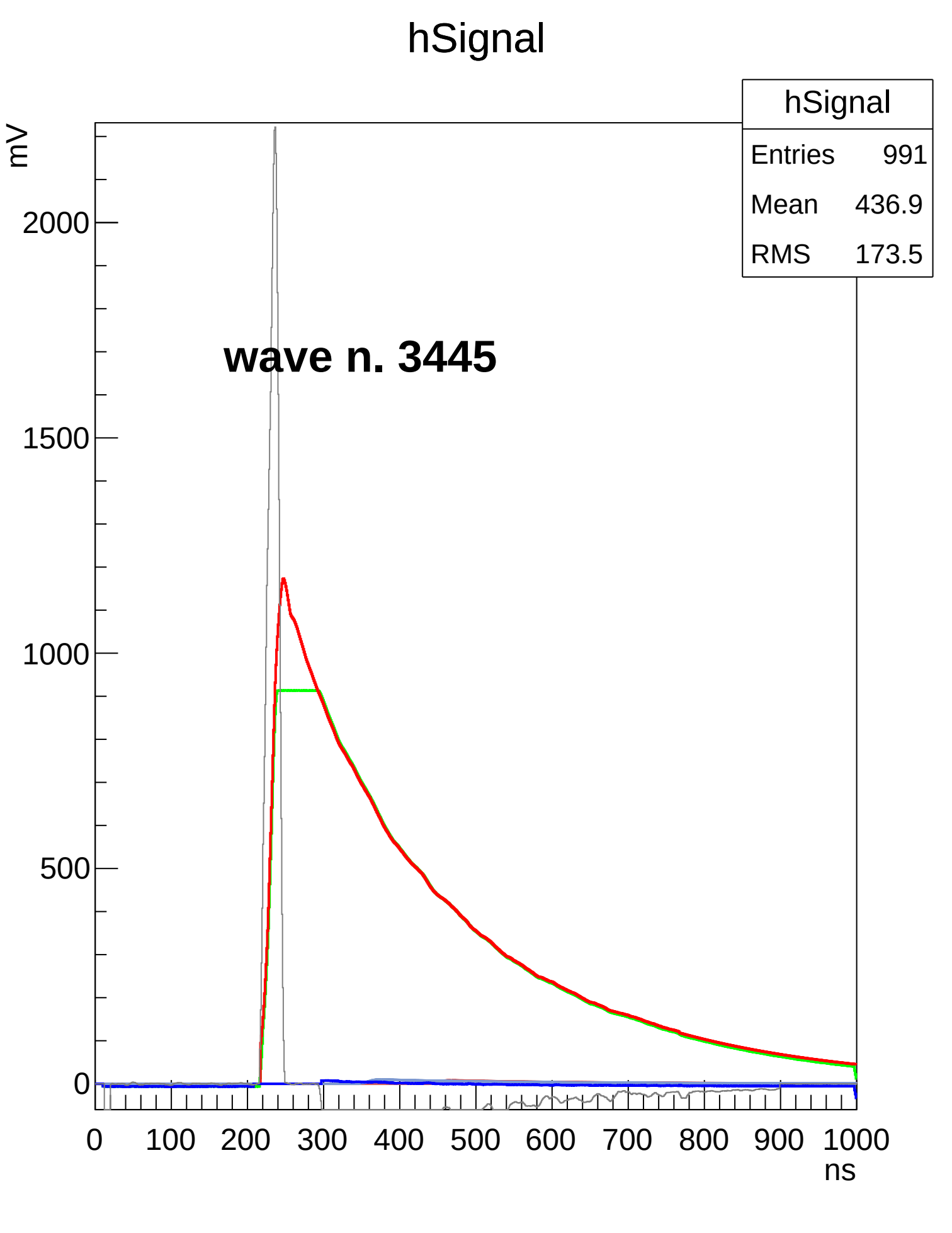
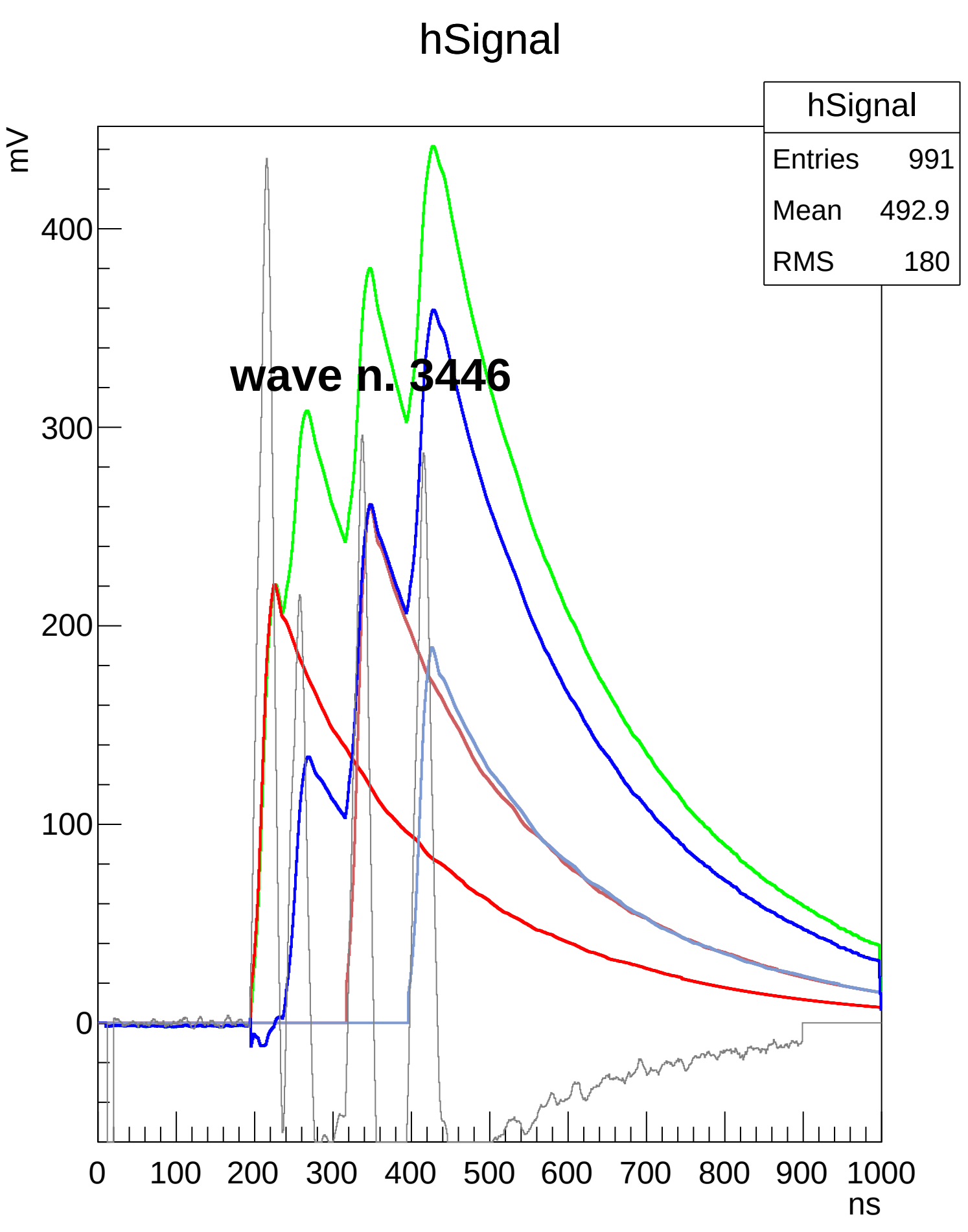
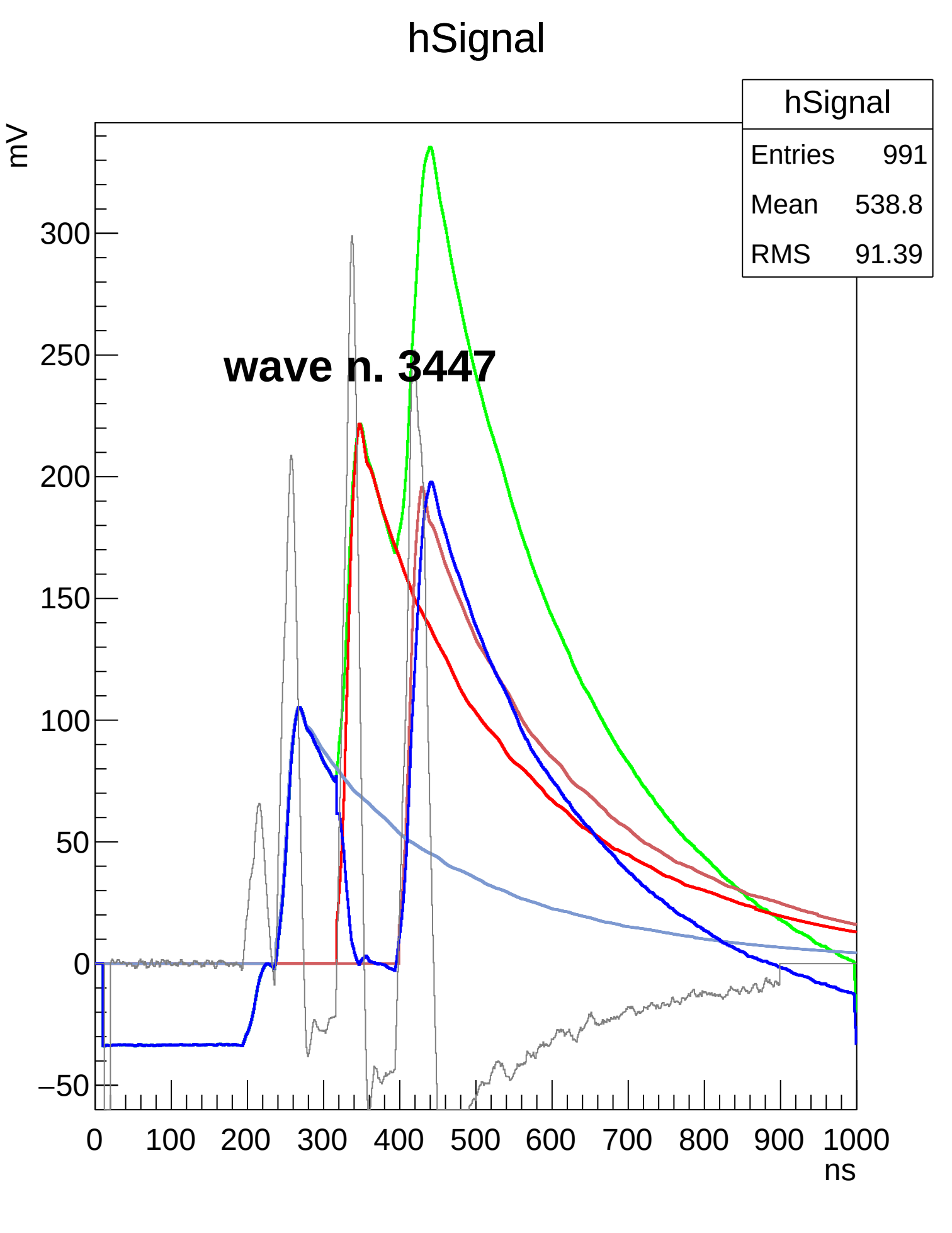
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 436.9
RMS 173.5
wave n. 3445
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 492.9
RMS 180
wave n. 3446
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 538.8
RMS 91.39
wave n. 3447
mV
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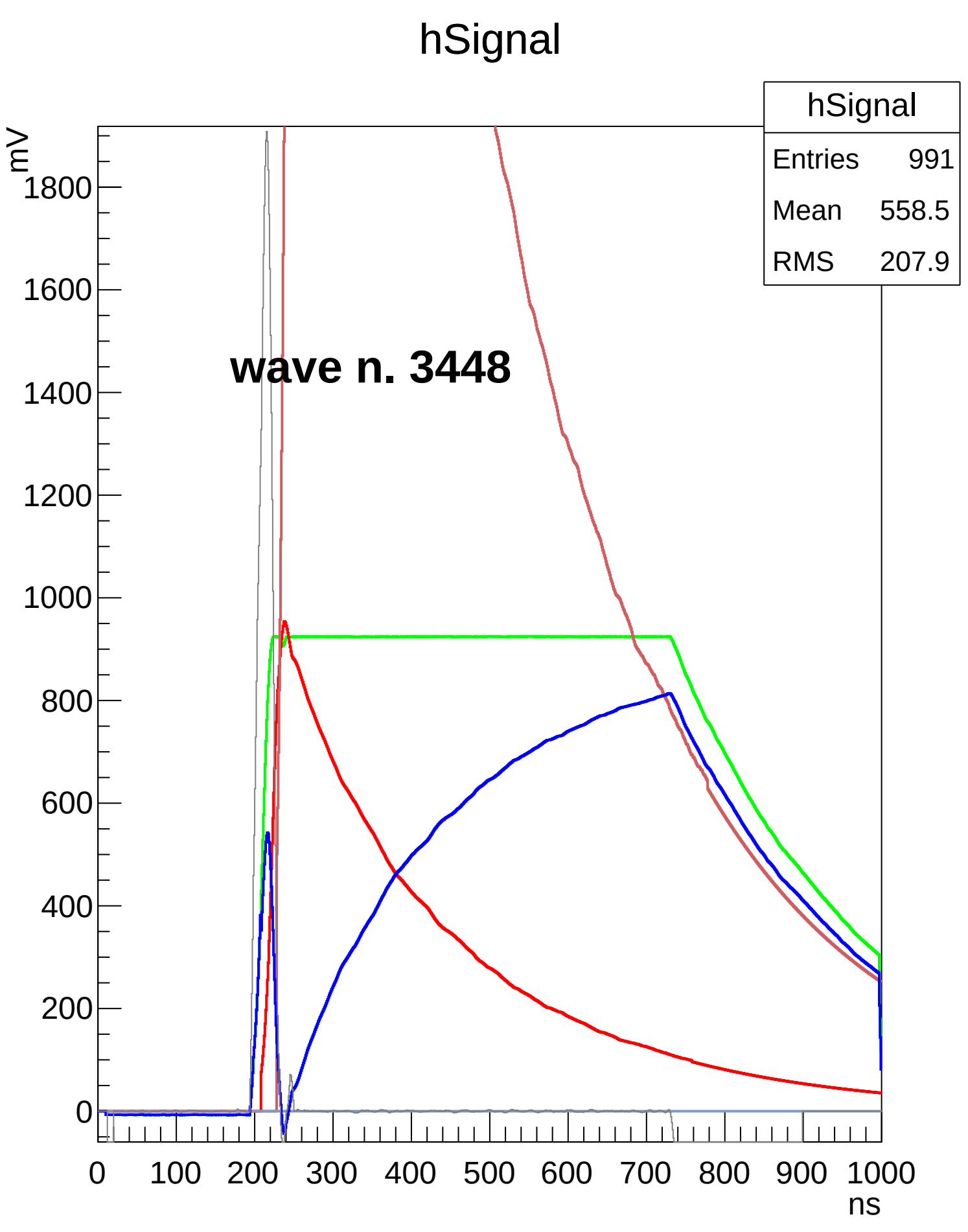
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558.5
RMS 207.9
wave n. 3448
mV
1800
1600
1400
1200
1000
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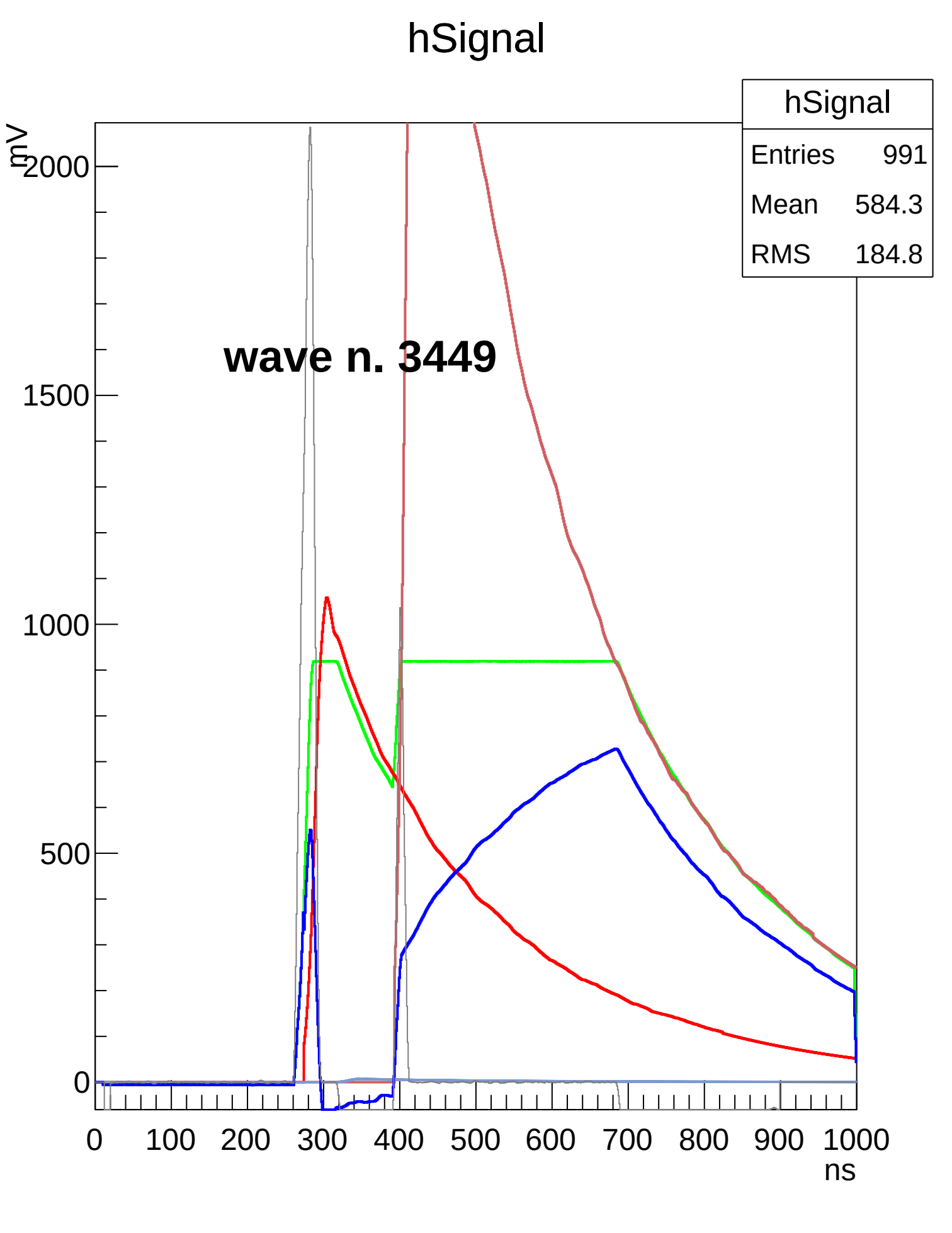
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 584.3
RMS 184.8
wave n. 3449
mV
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1500
1000
500
0
0
100
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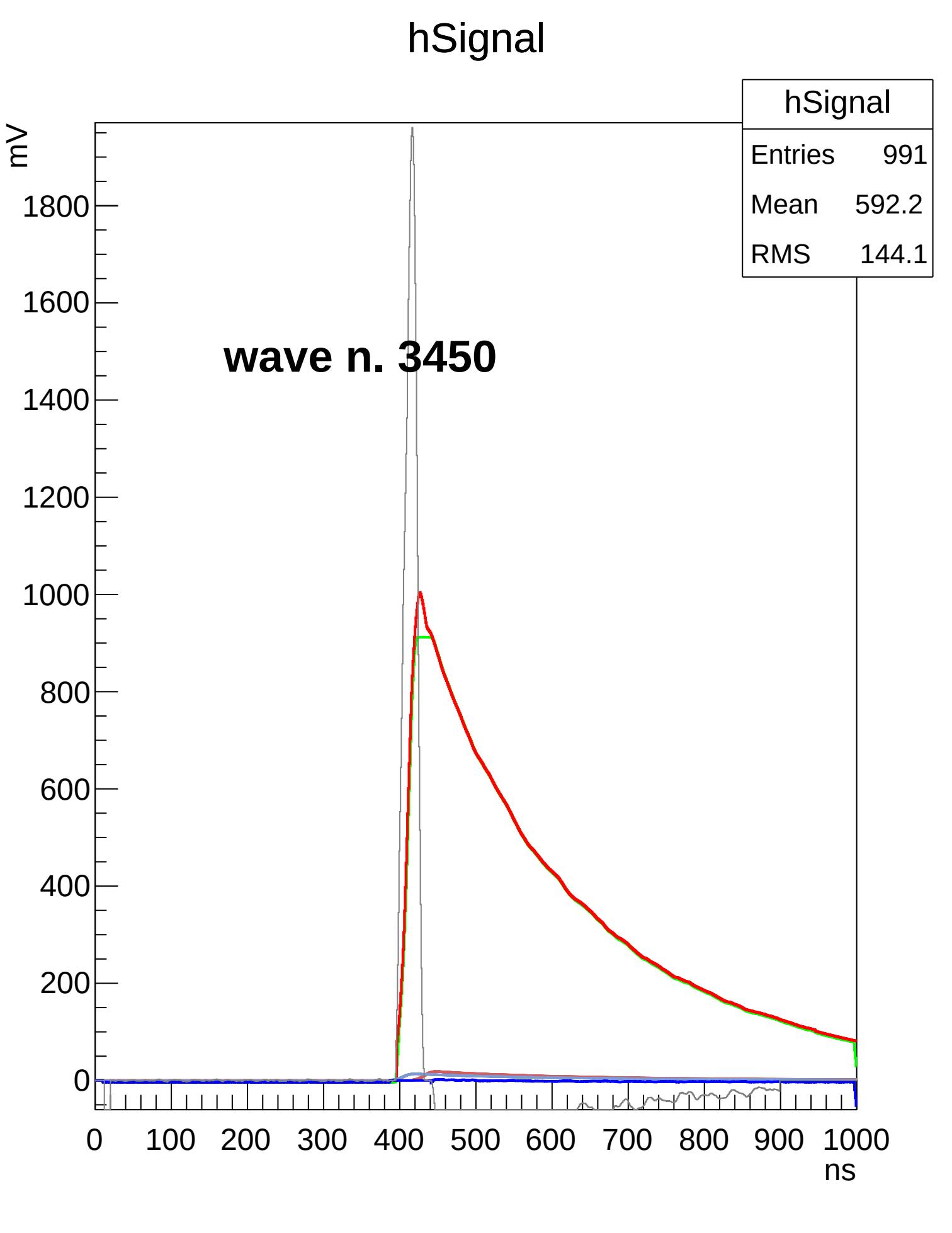
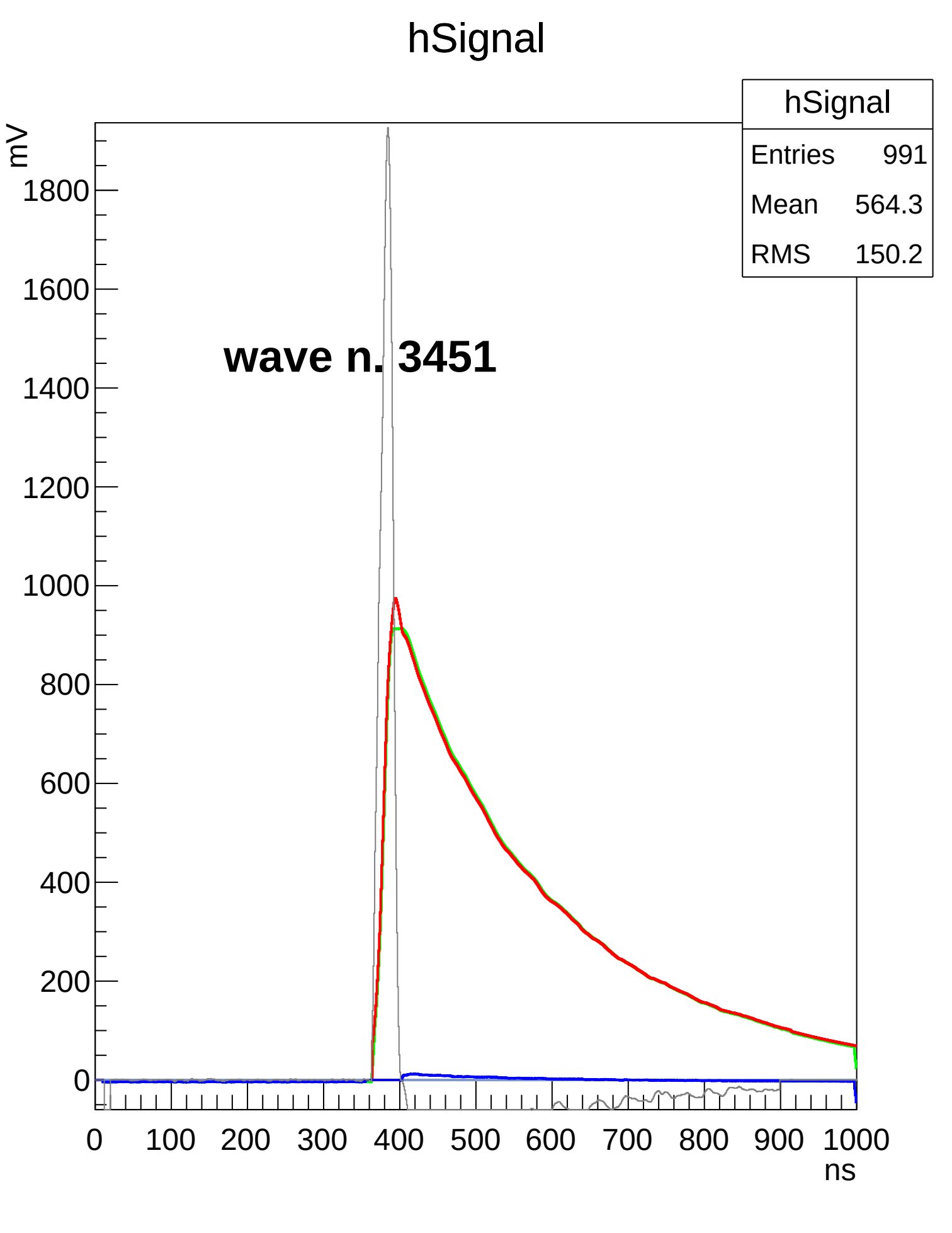
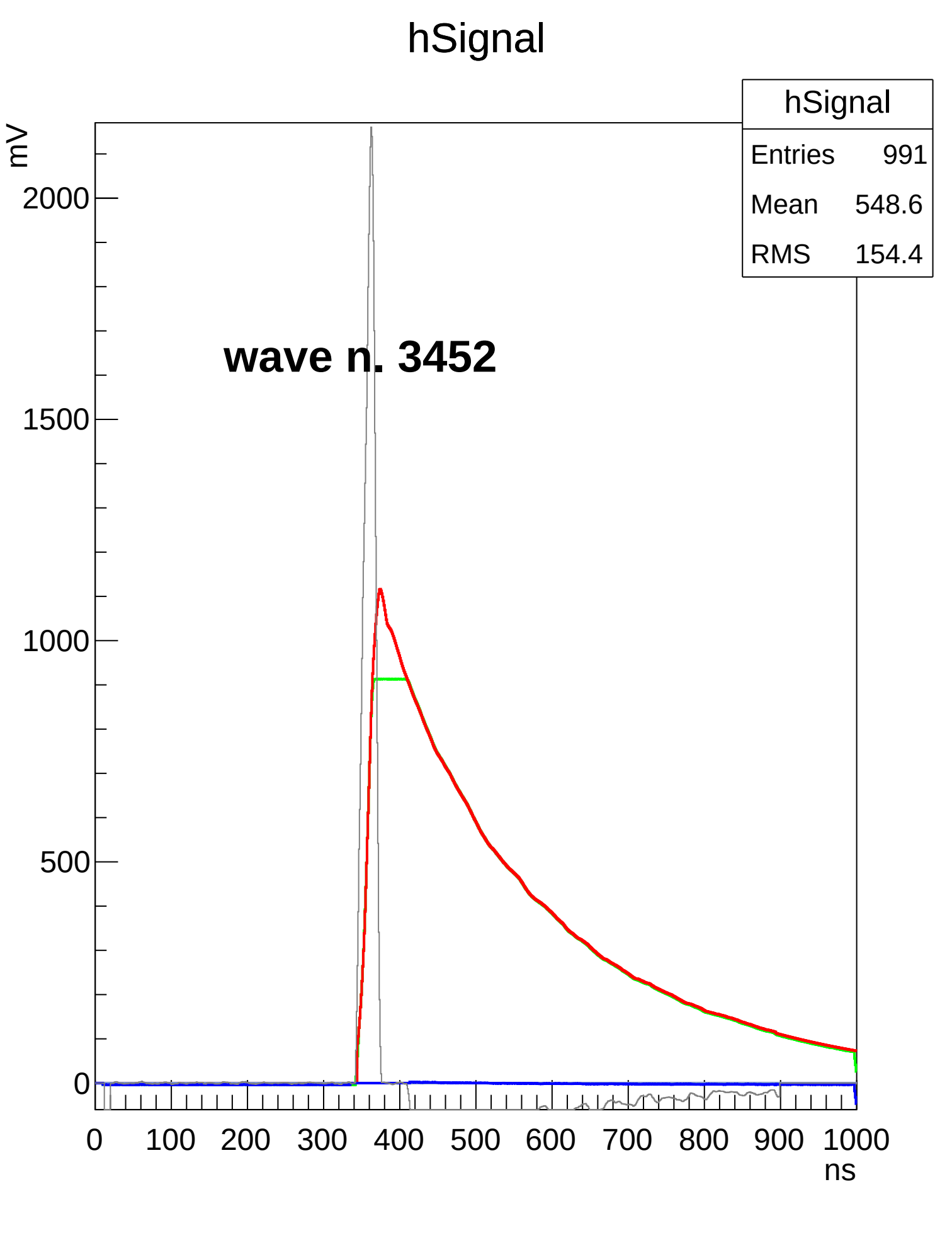
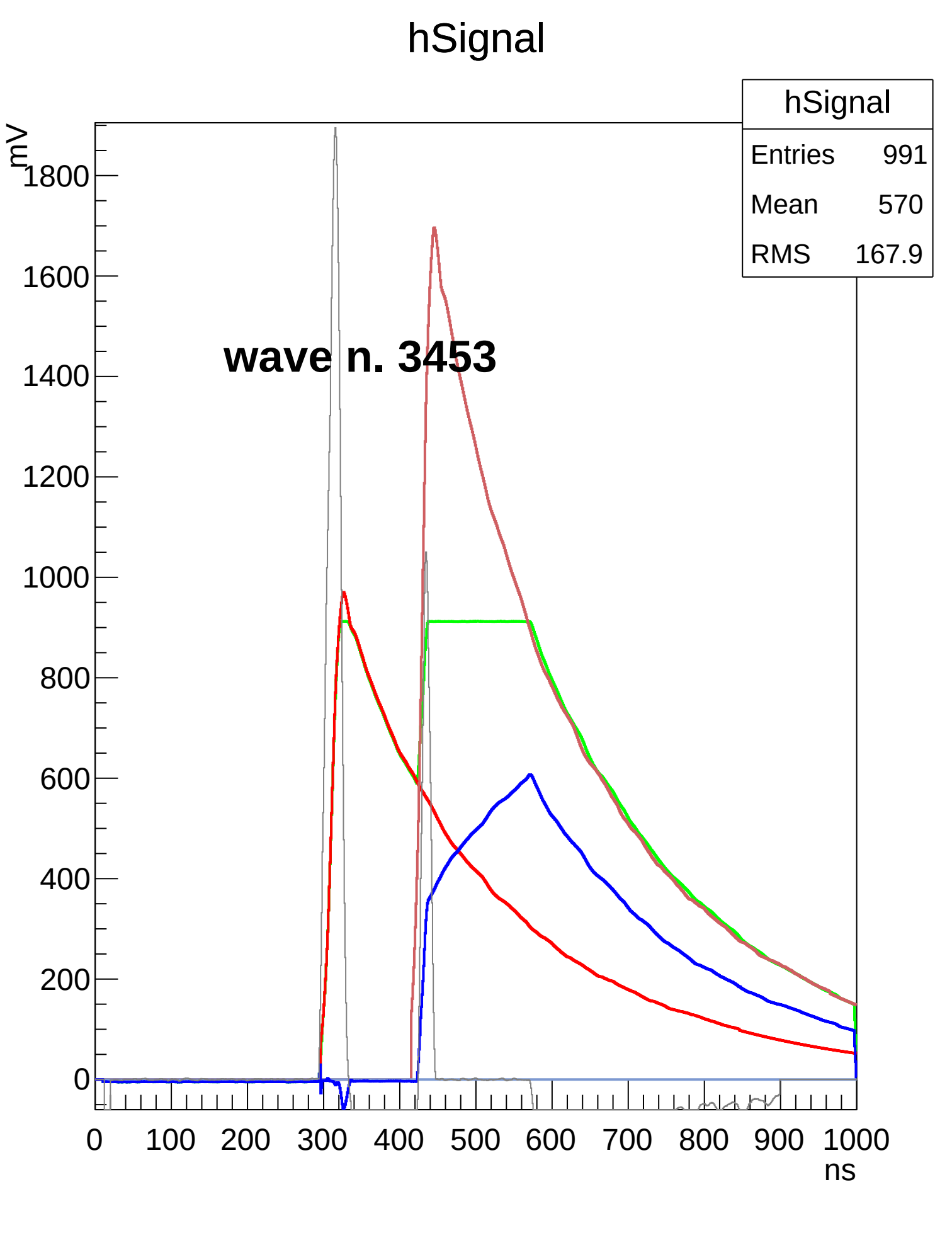
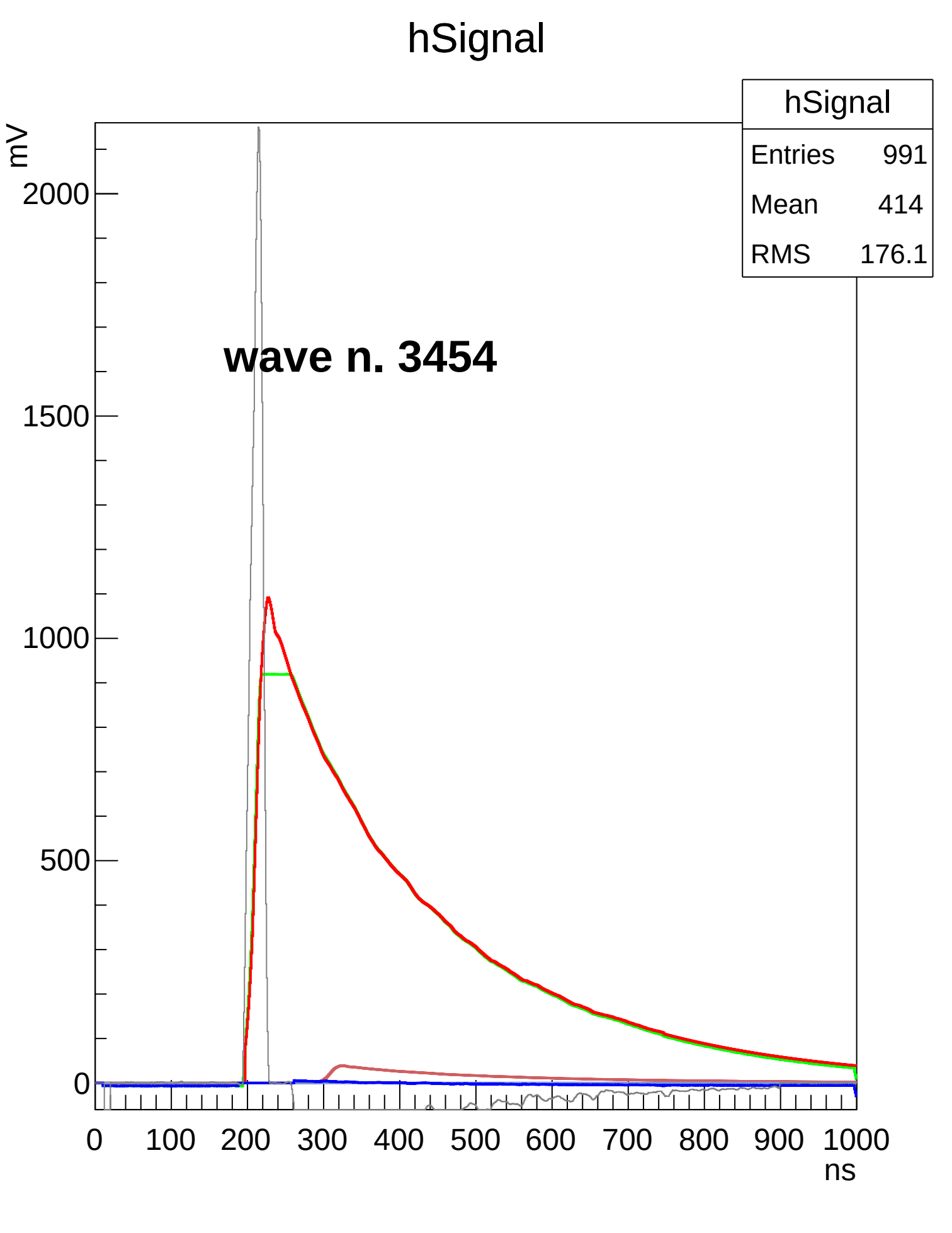
800
900
1000
ns

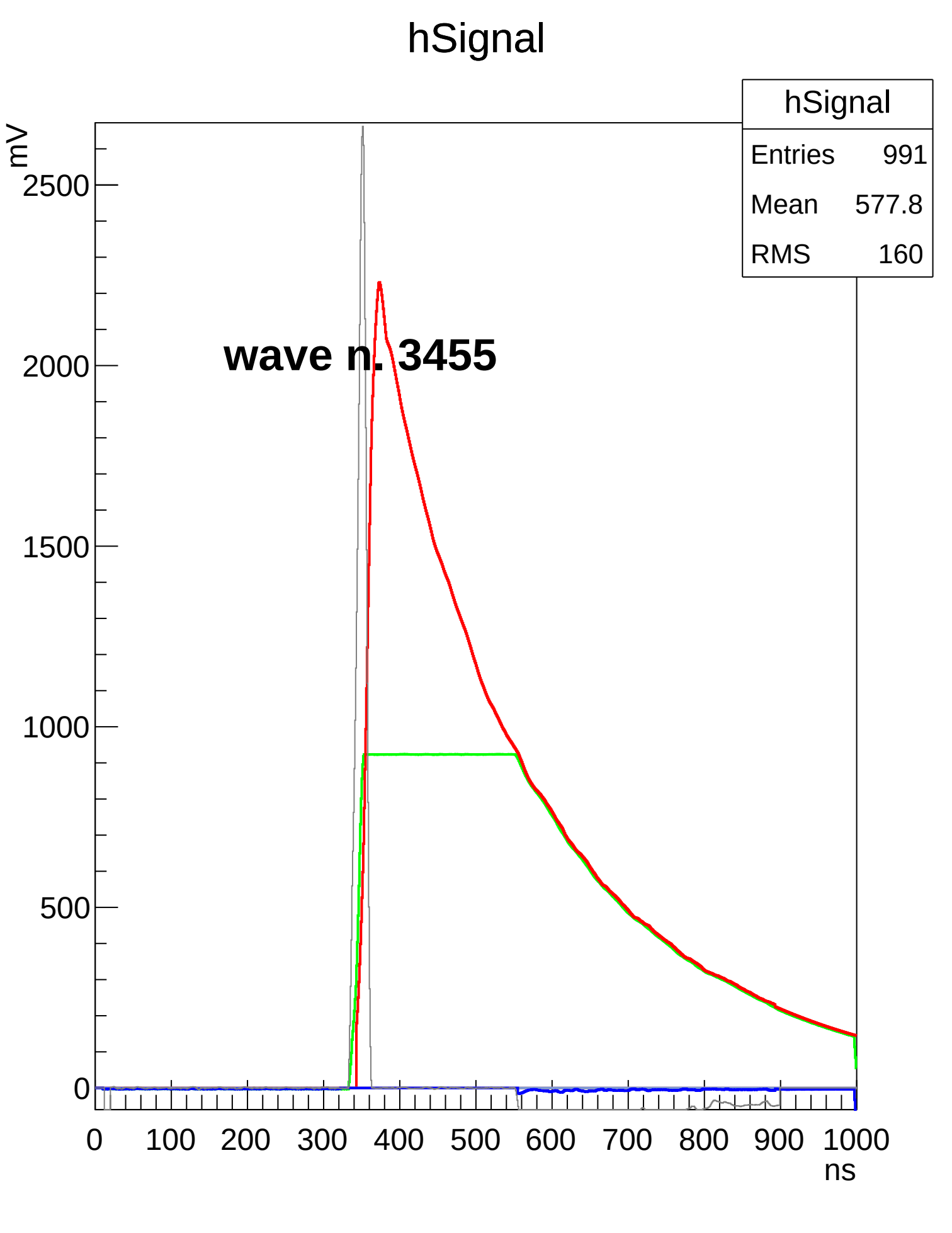

hSignal
hSignal
Entries 991
Mean 592.2
RMS 144.1
wave n. 3450
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

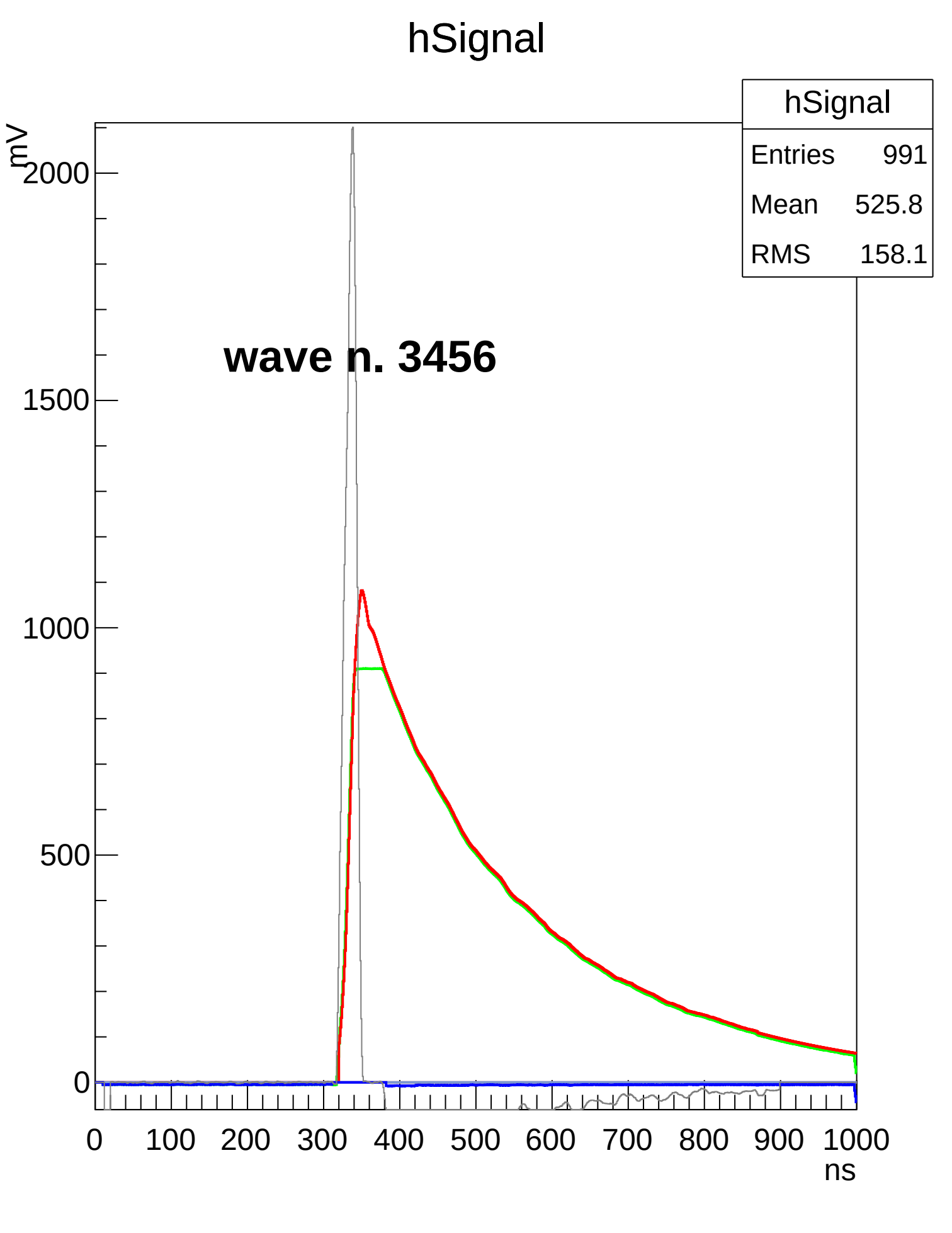

hSignal
hSignal
Entries 991
Mean 564.3
RMS 150.2
wave n. 3451
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

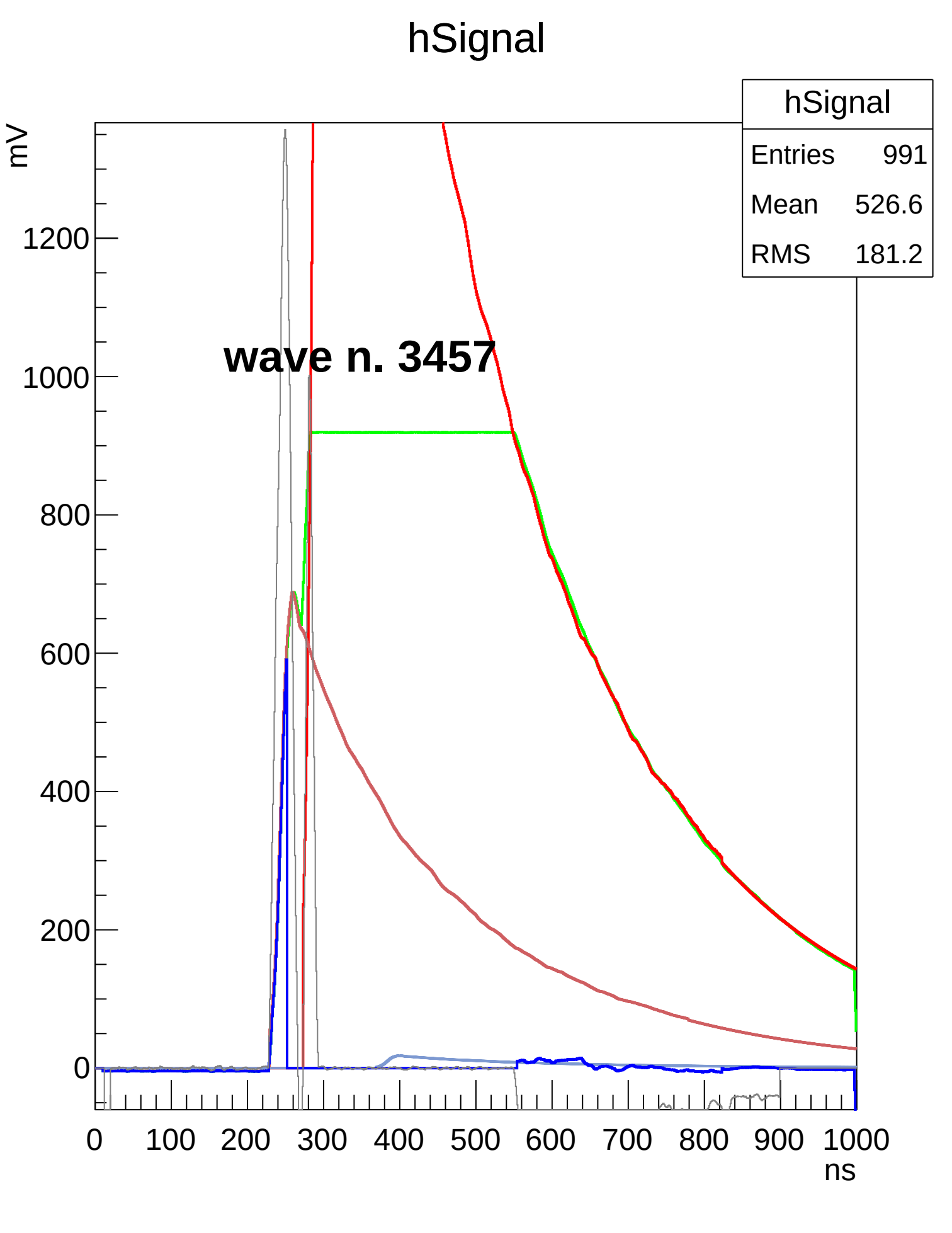

hSignal
hSignal
Entries 991
Mean 548.6
RMS 154.4
wave n. 3452
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

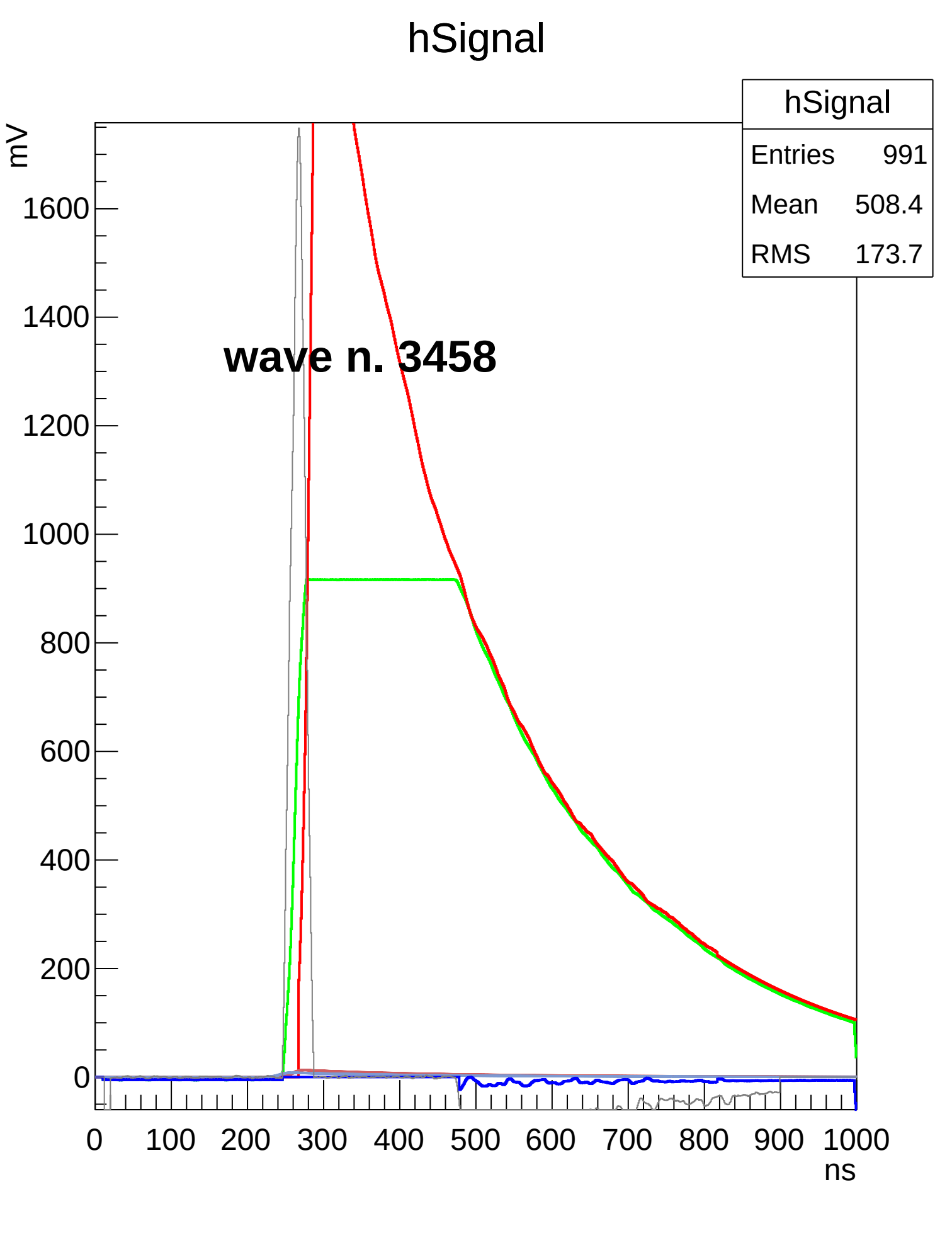

hSignal
hSignal
Entries 991
Mean 570
RMS 167.9
wave n. 3453
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

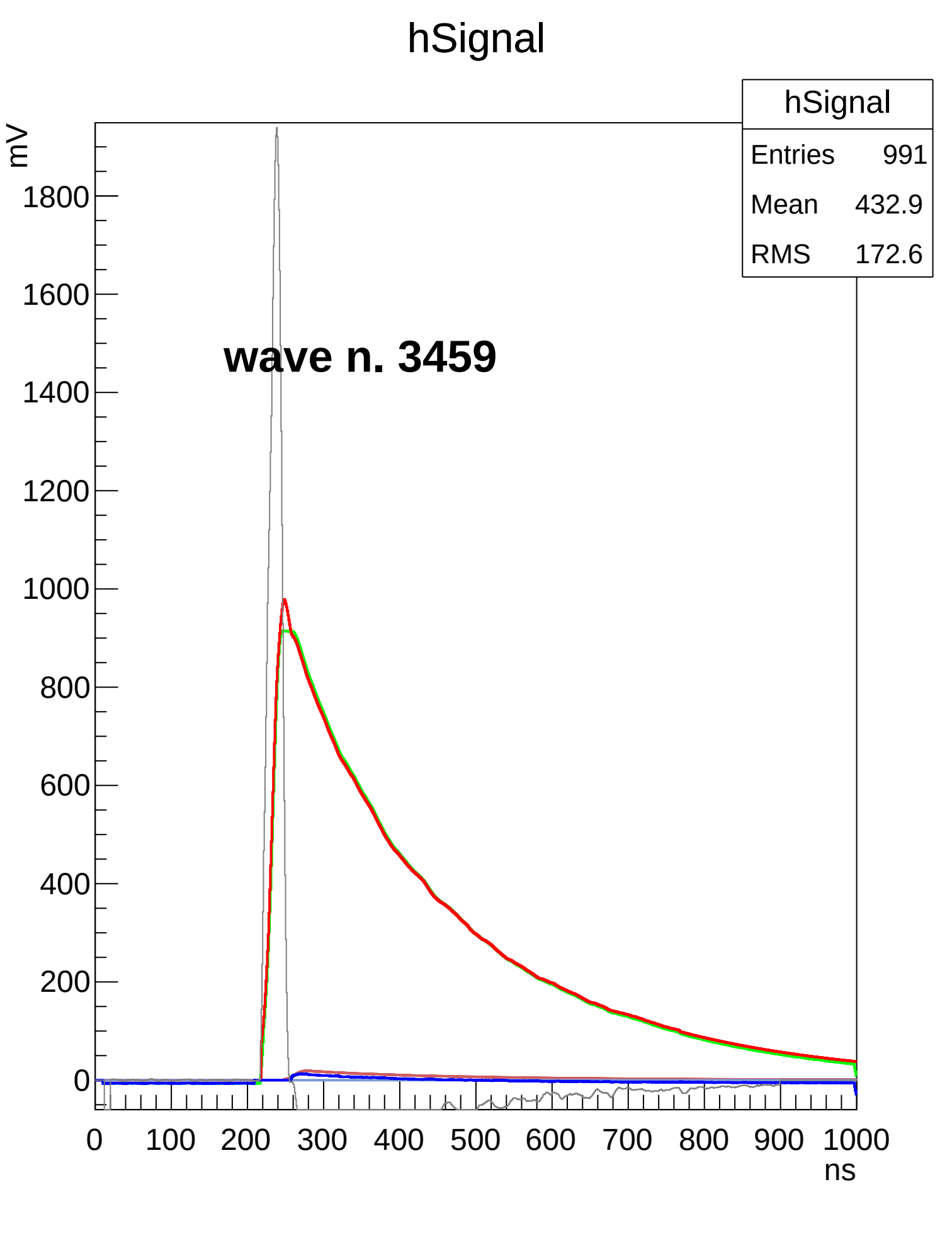

hSignal
hSignal
Entries 991
Mean 414
RMS 176.1
wave n. 3454
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

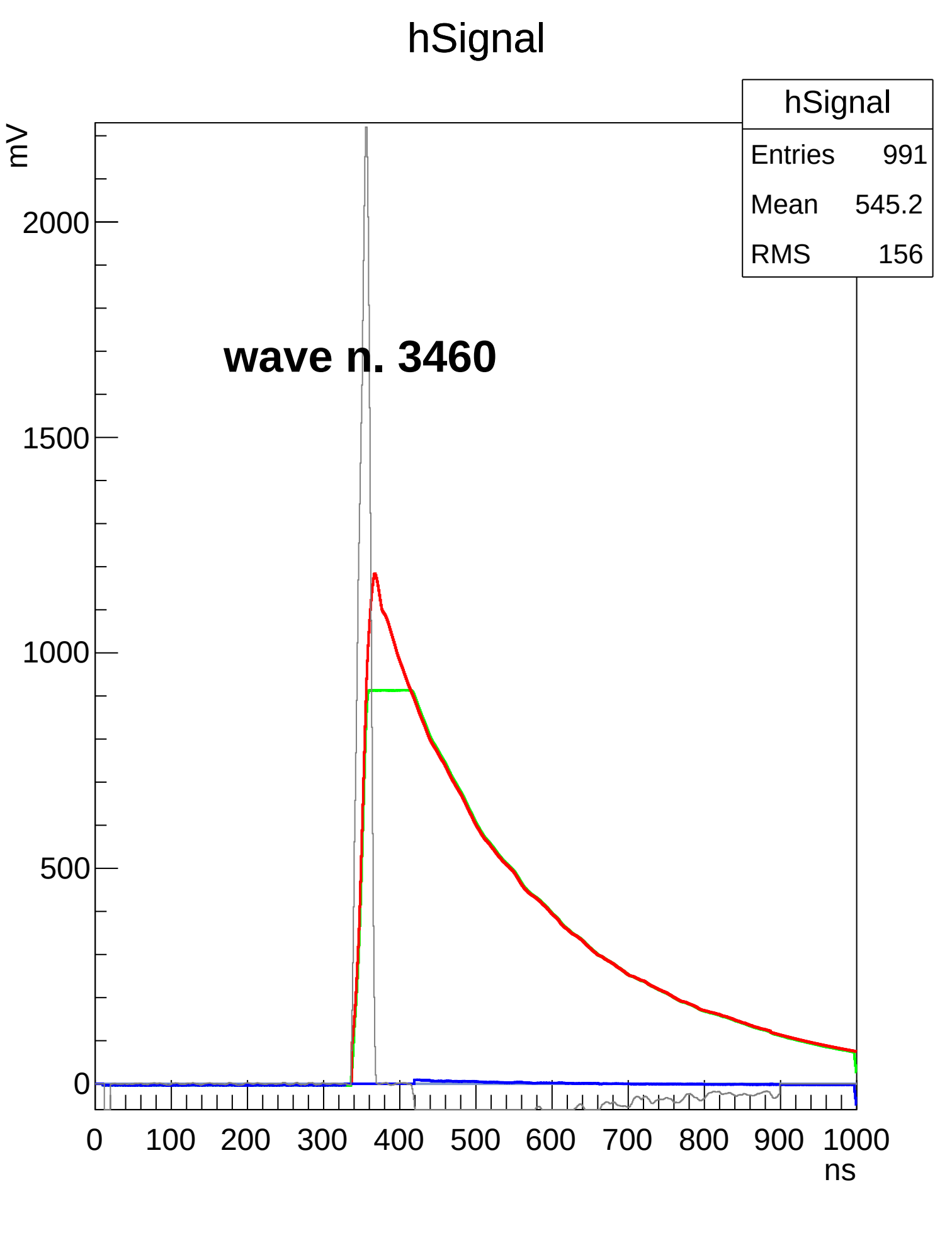

hSignal
hSignal
Entries 991
Mean 577.8
RMS 160
wave n. 3455
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

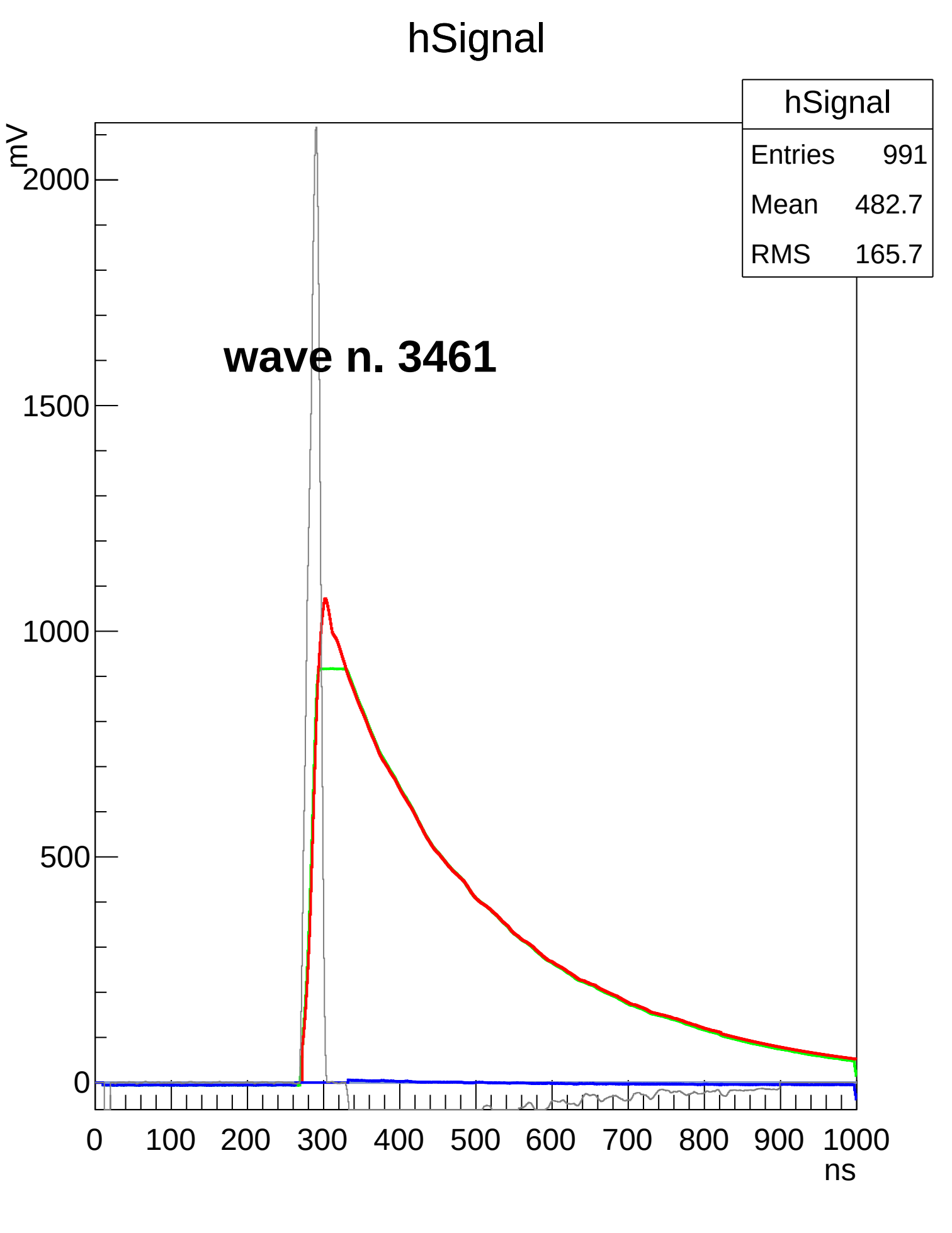

hSignal
hSignal
Entries 991
Mean 525.8
RMS 158.1
wave n. 3456
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

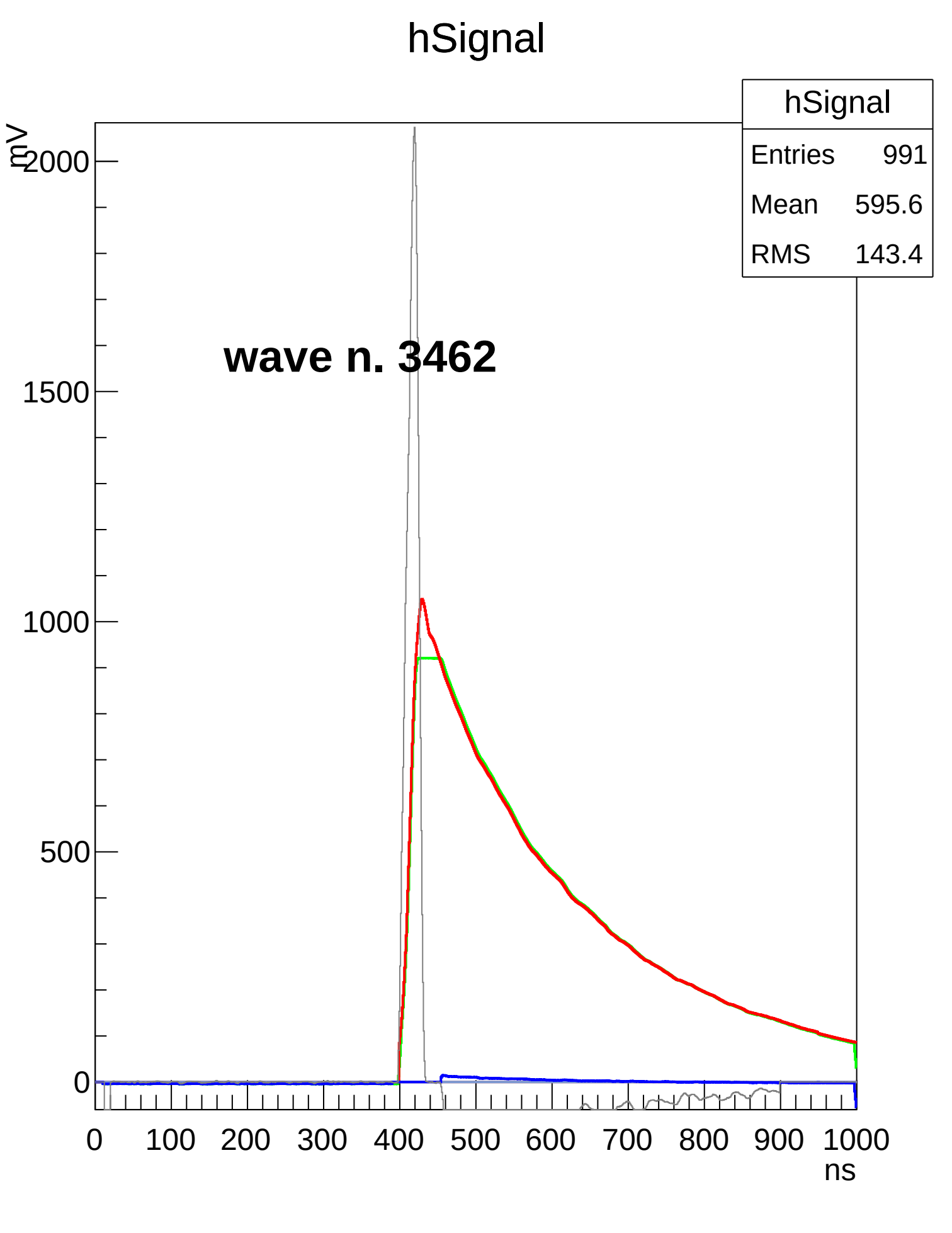

hSignal
hSignal
Entries 991
Mean 526.6
RMS 181.2
wave n. 3457
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

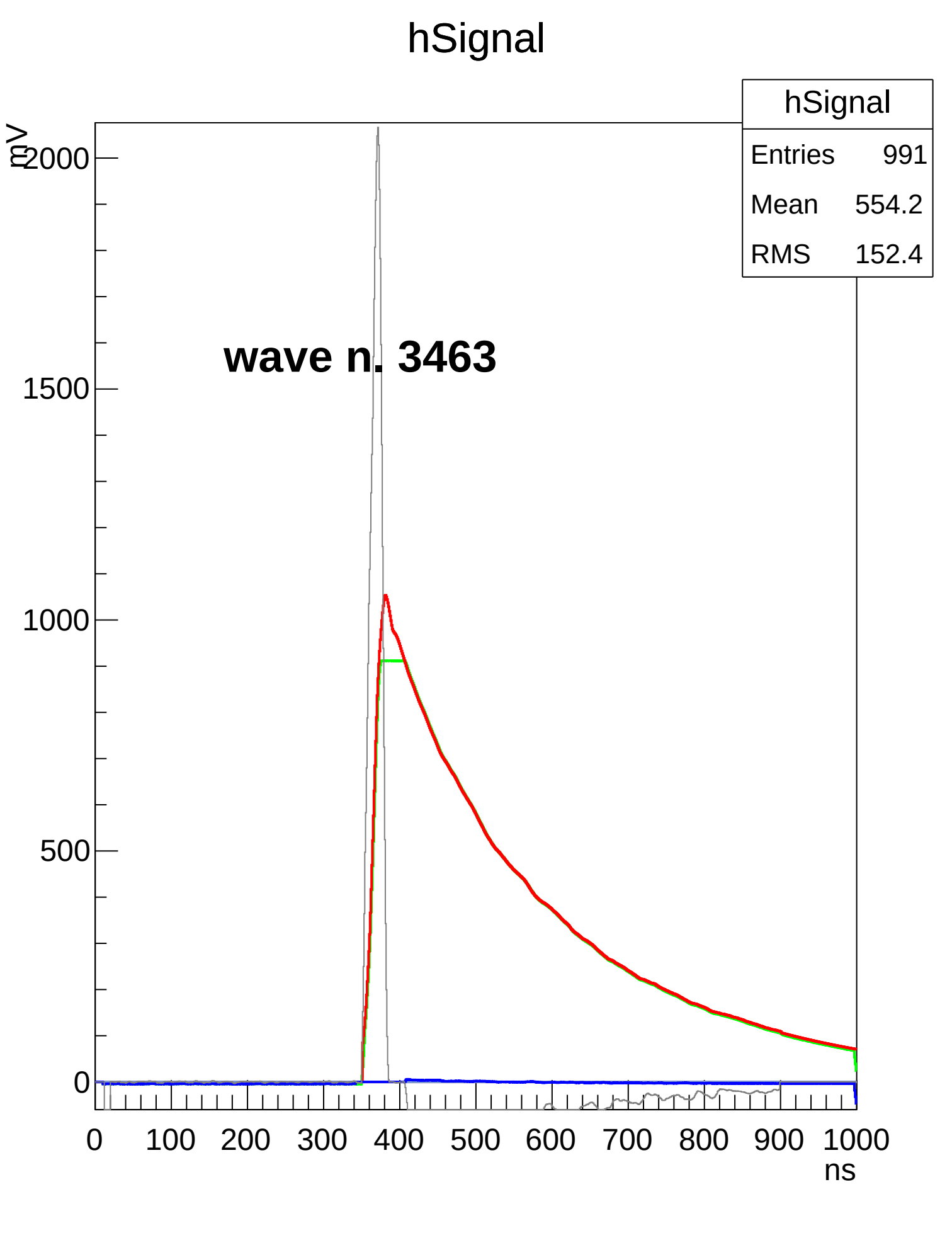

hSignal
hSignal
Entries 991
Mean 508.4
RMS 173.7
wave n. 3458
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

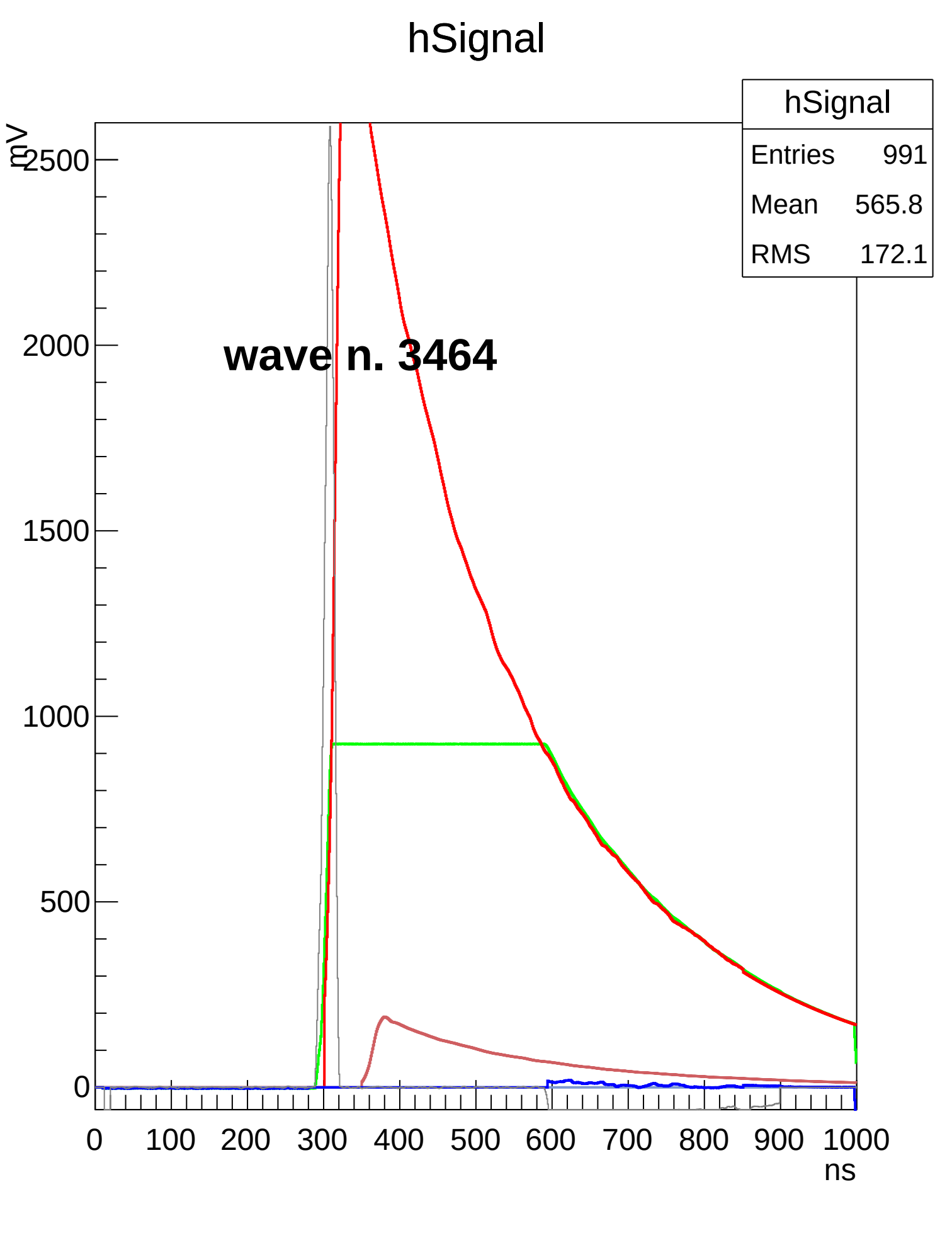

hSignal
hSignal
Entries 991
Mean 432.9
RMS 172.6
wave n. 3459
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

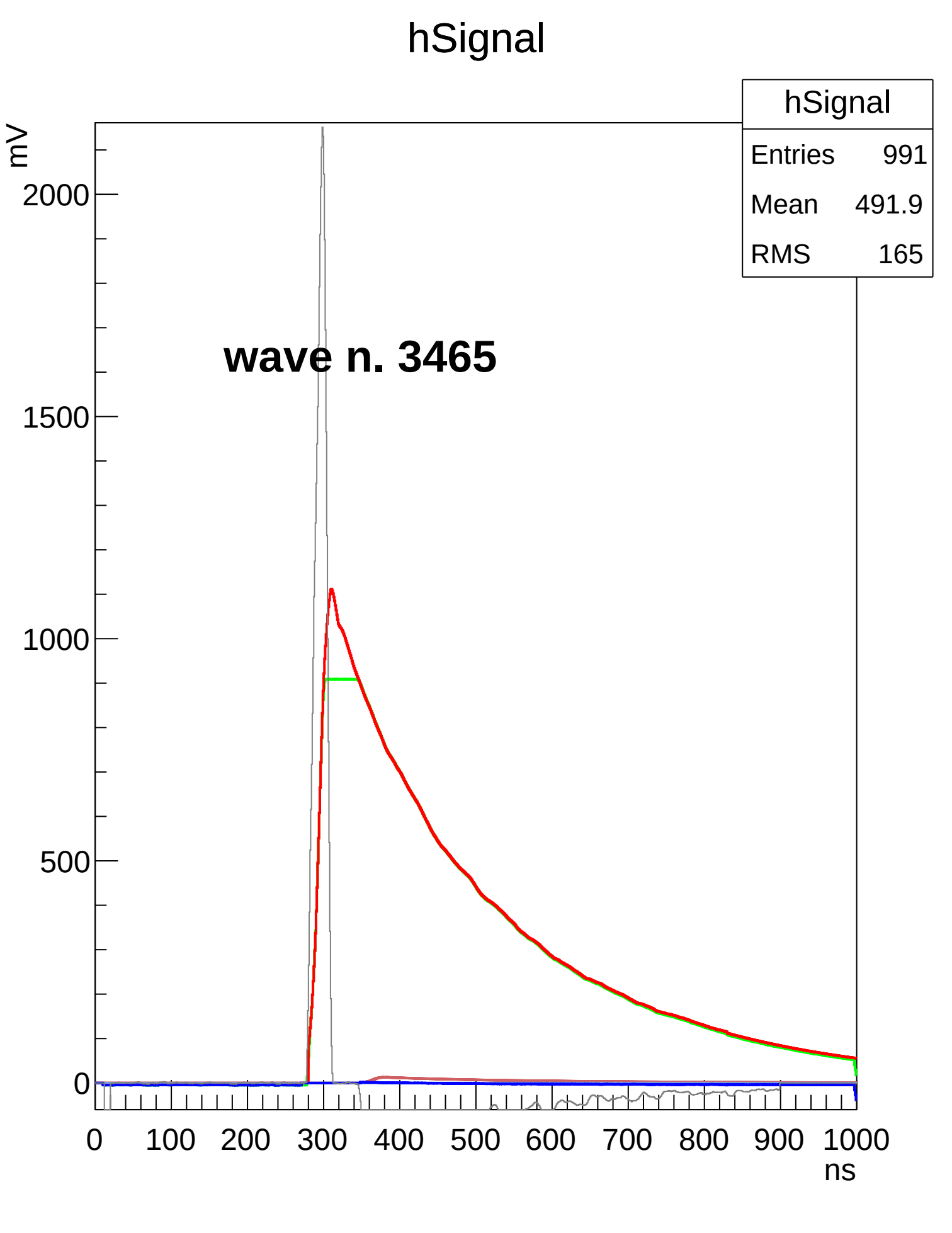

hSignal
hSignal
Entries 991
Mean 545.2
RMS 156
wave n. 3460
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

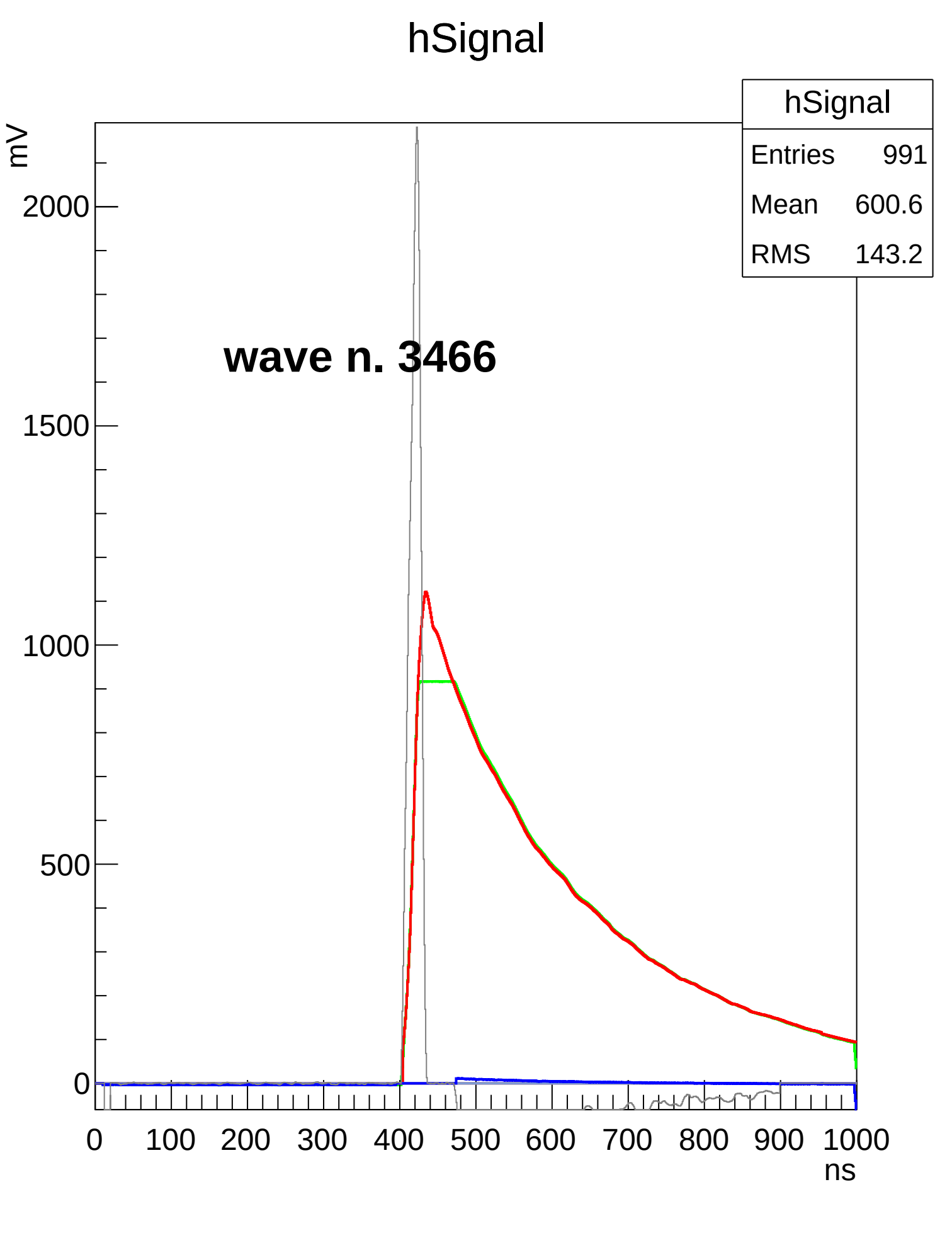

hSignal
hSignal
Entries 991
Mean 482.7
RMS 165.7
wave n. 3461
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 595.6
RMS 143.4
wave n. 3462
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 554.2
RMS 152.4
wave n. 3463
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.8
RMS 172.1
wave n. 3464
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 491.9
RMS 165
wave n. 3465
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 600.6
RMS 143.2
wave n. 3466
mV
2000
1500
1000
500
0
0
100
200
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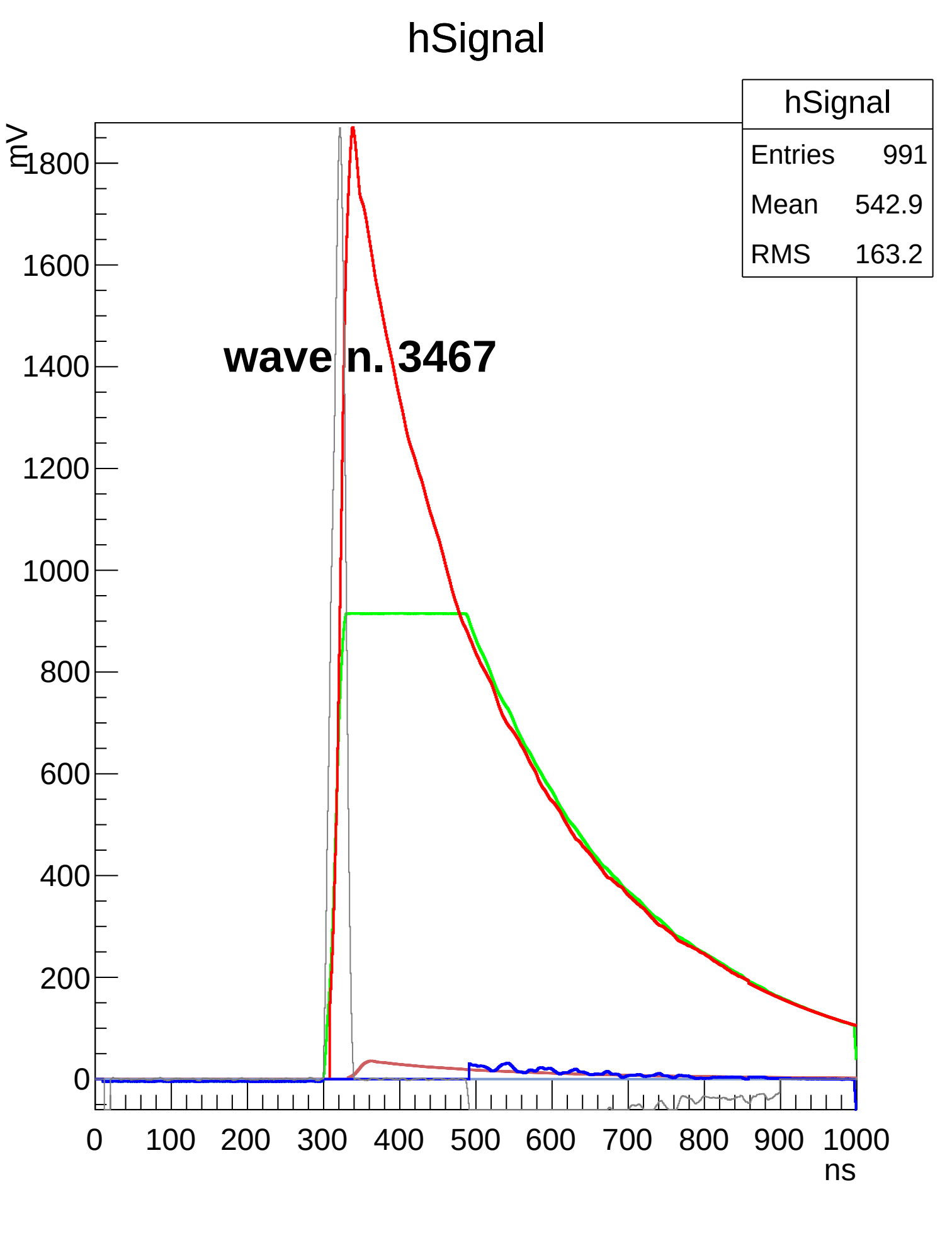
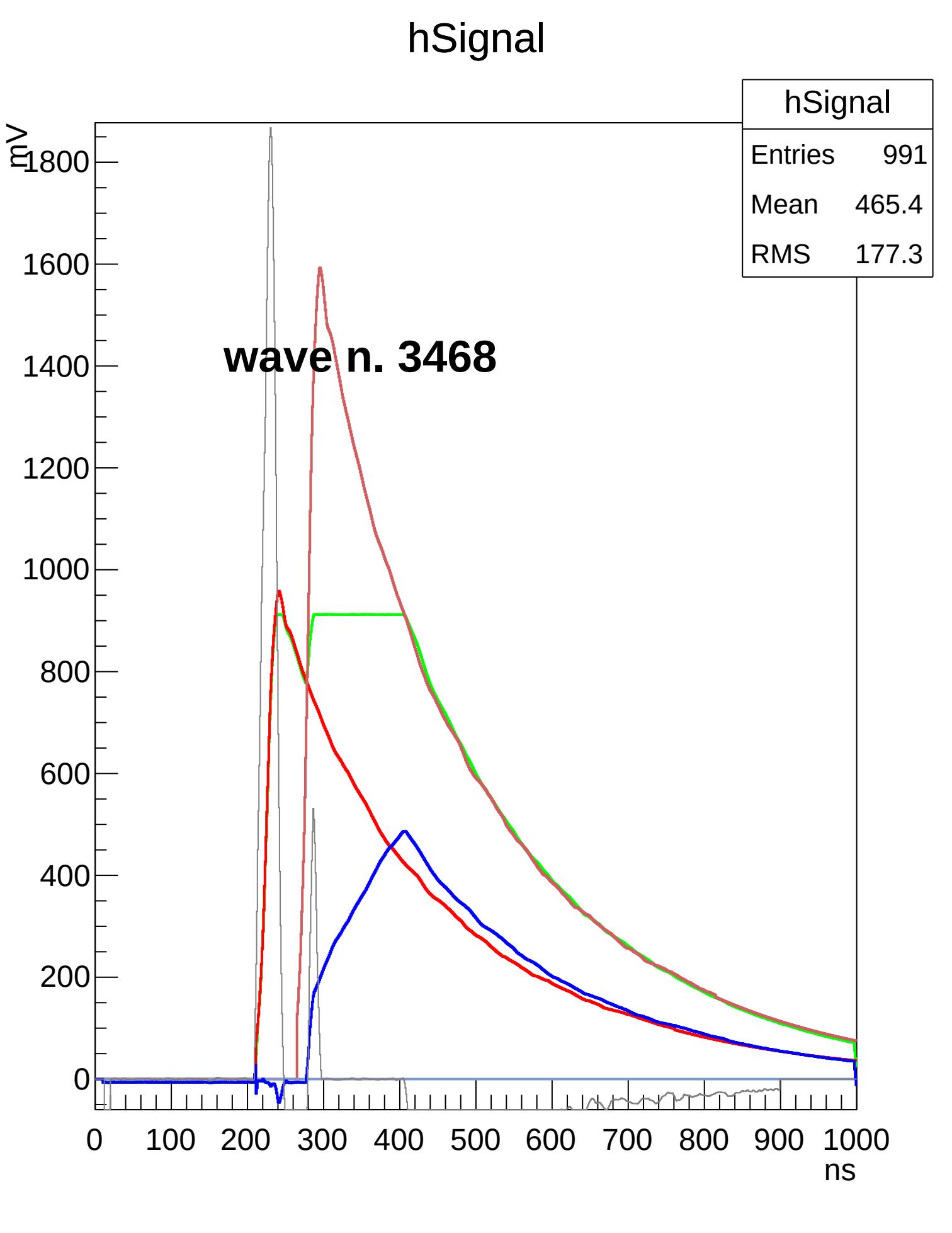
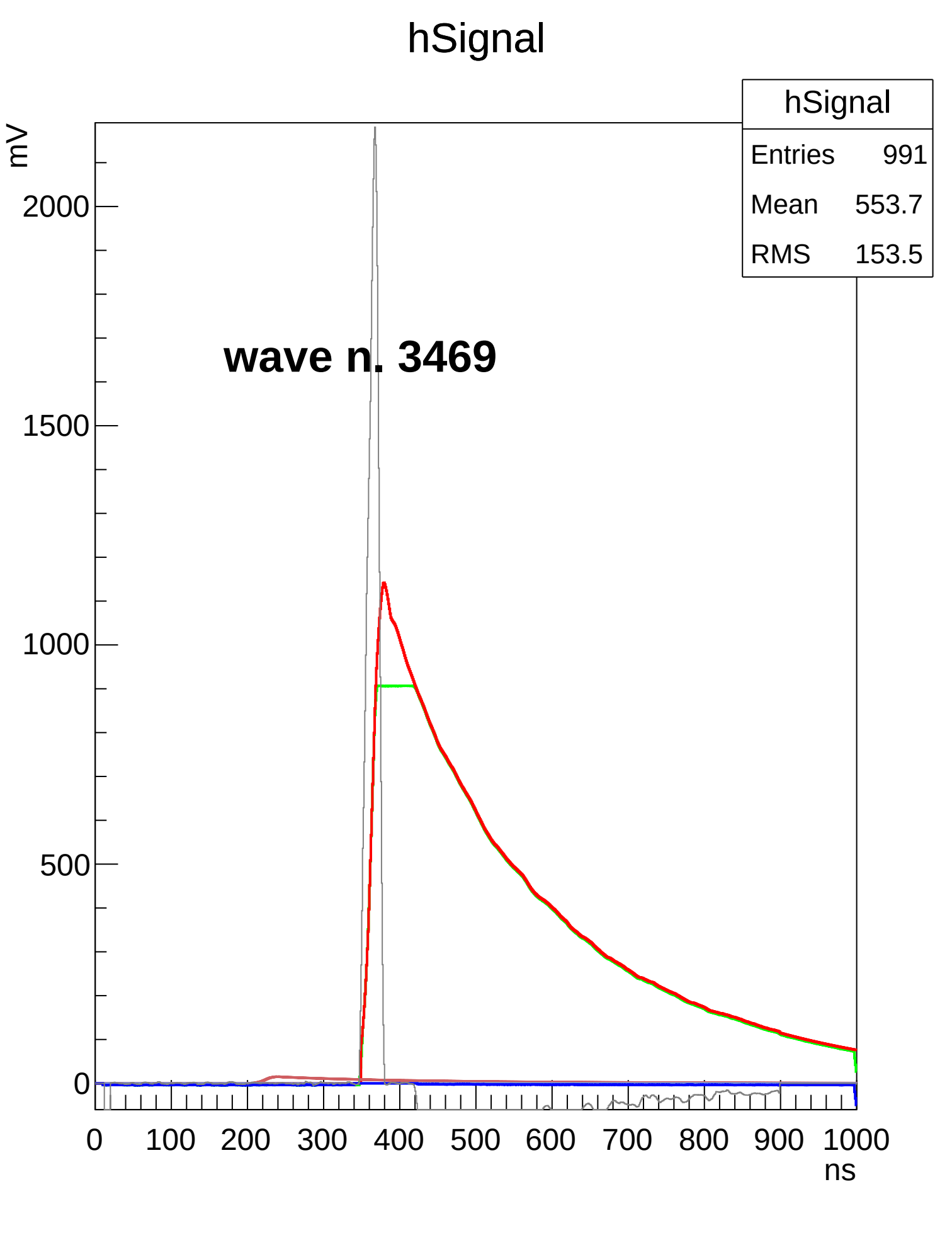
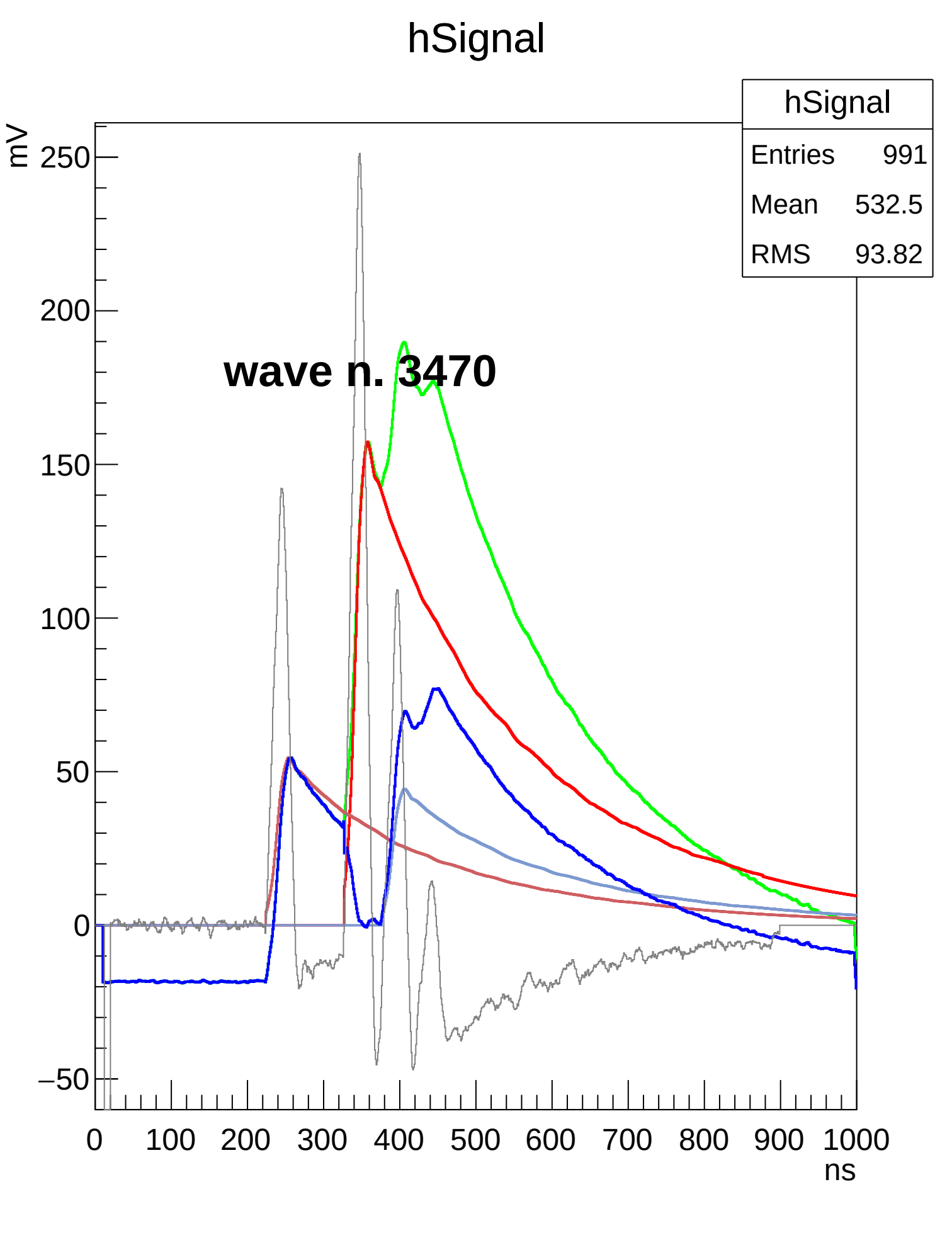
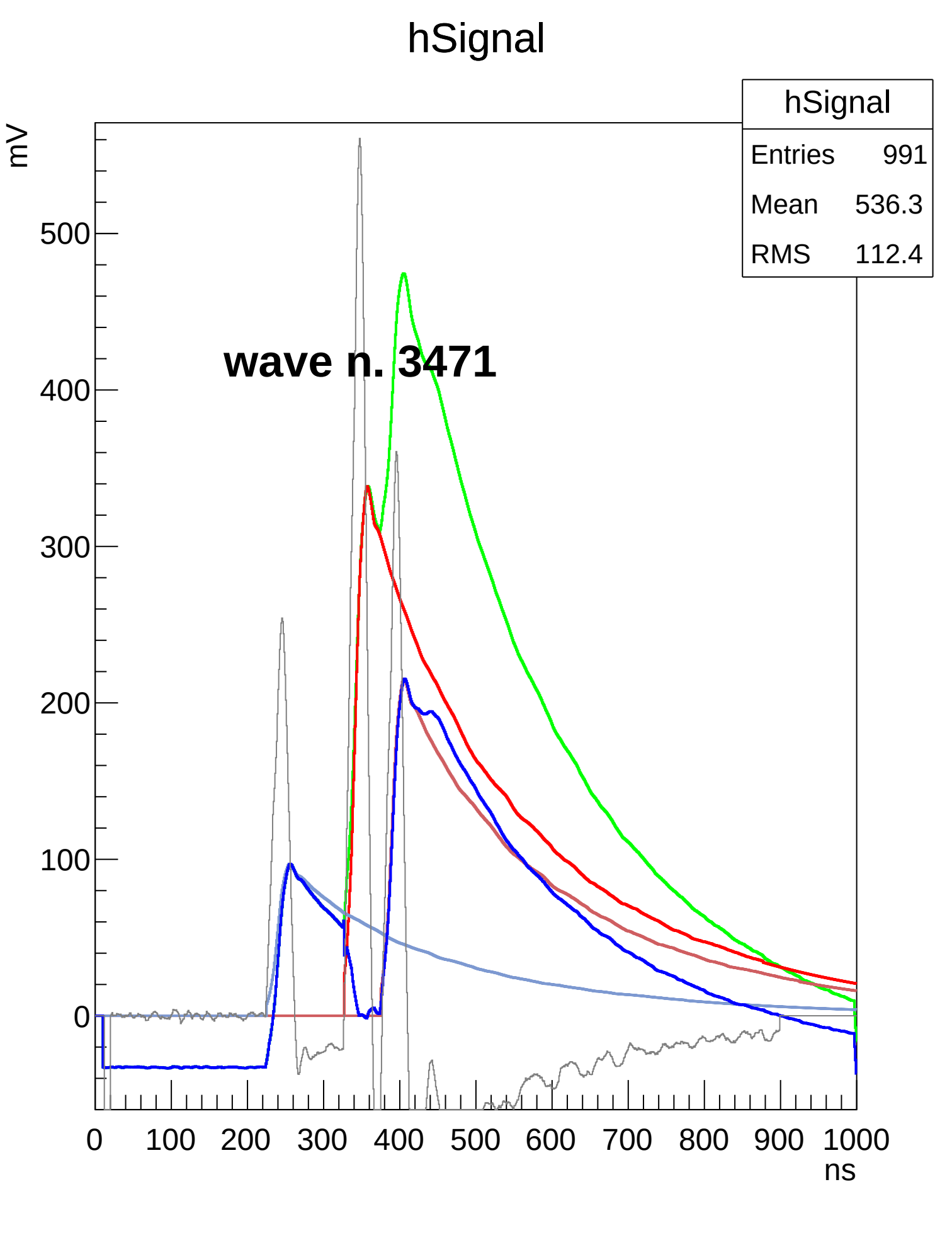
600
700
800
900
1000
ns

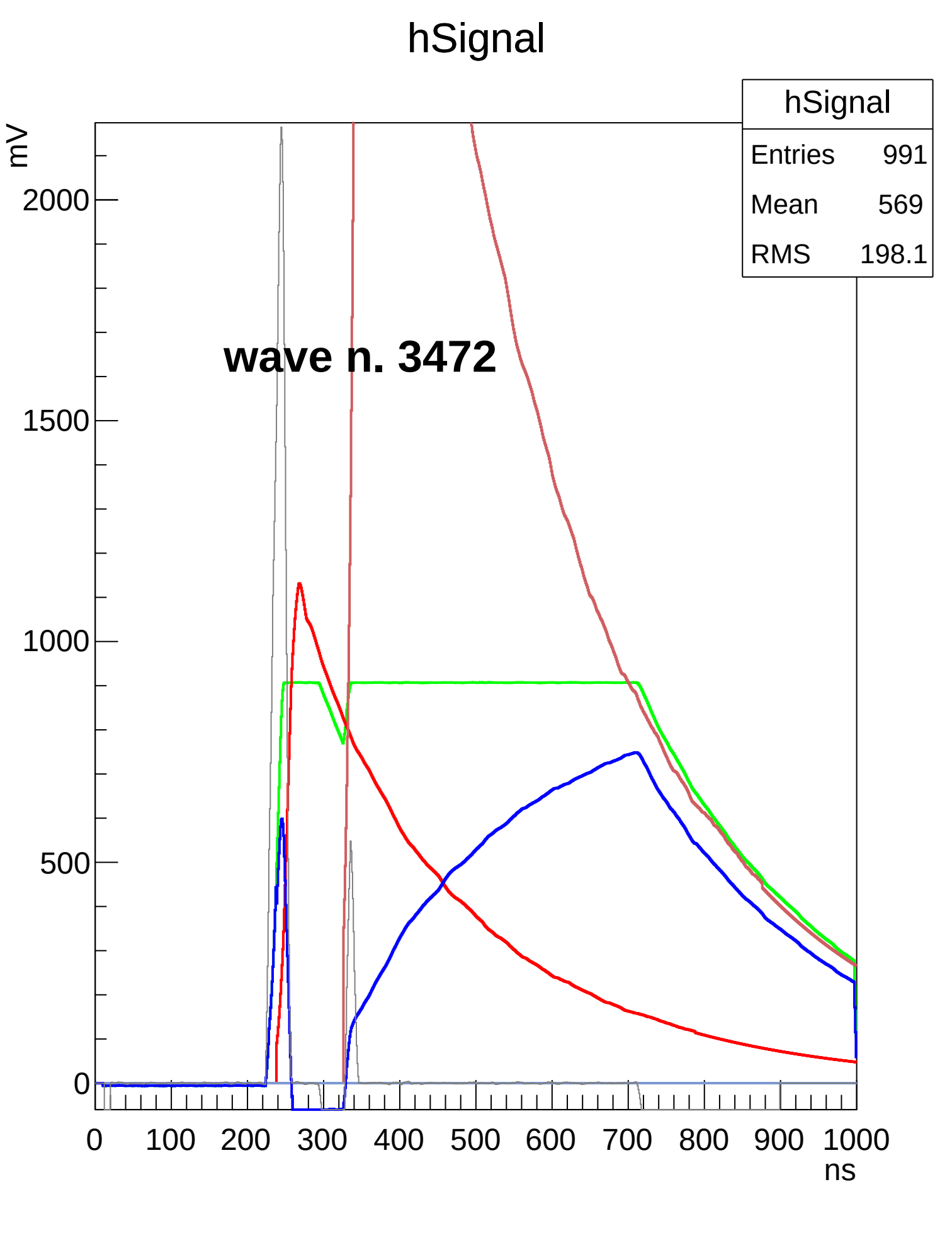

hSignal
hSignal
Entries 991
Mean 542.9
RMS 163.2
wave n. 3467
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

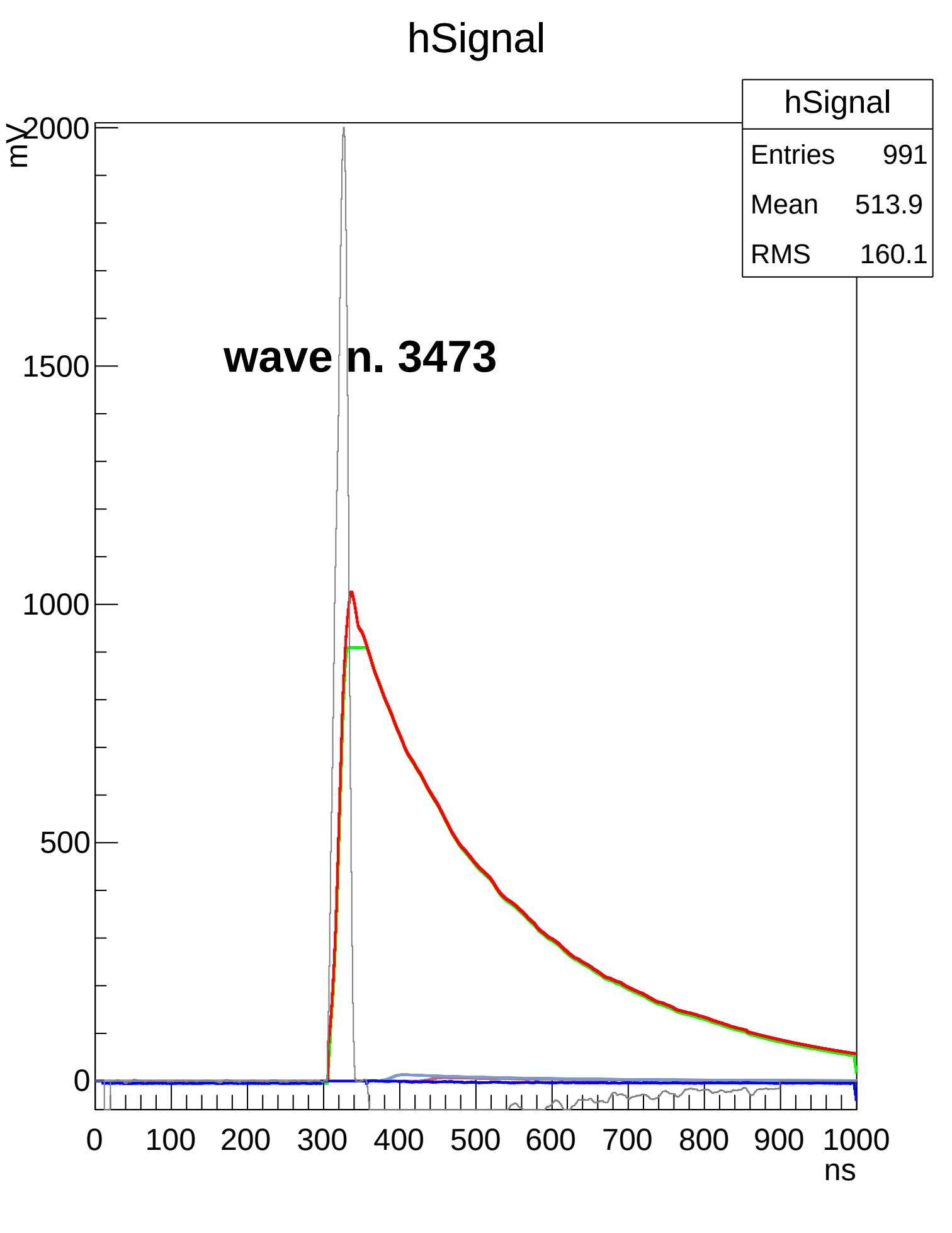

hSignal
hSignal
Entries 991
Mean 465.4
RMS 177.3
wave n. 3468
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.7
RMS 153.5
wave n. 3469
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 532.5
RMS 93.82
wave n. 3470
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 536.3
RMS 112.4
wave n. 3471
mV
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 569
RMS 198.1
wave n. 3472
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 513.9
RMS 160.1
wave n. 3473
mV
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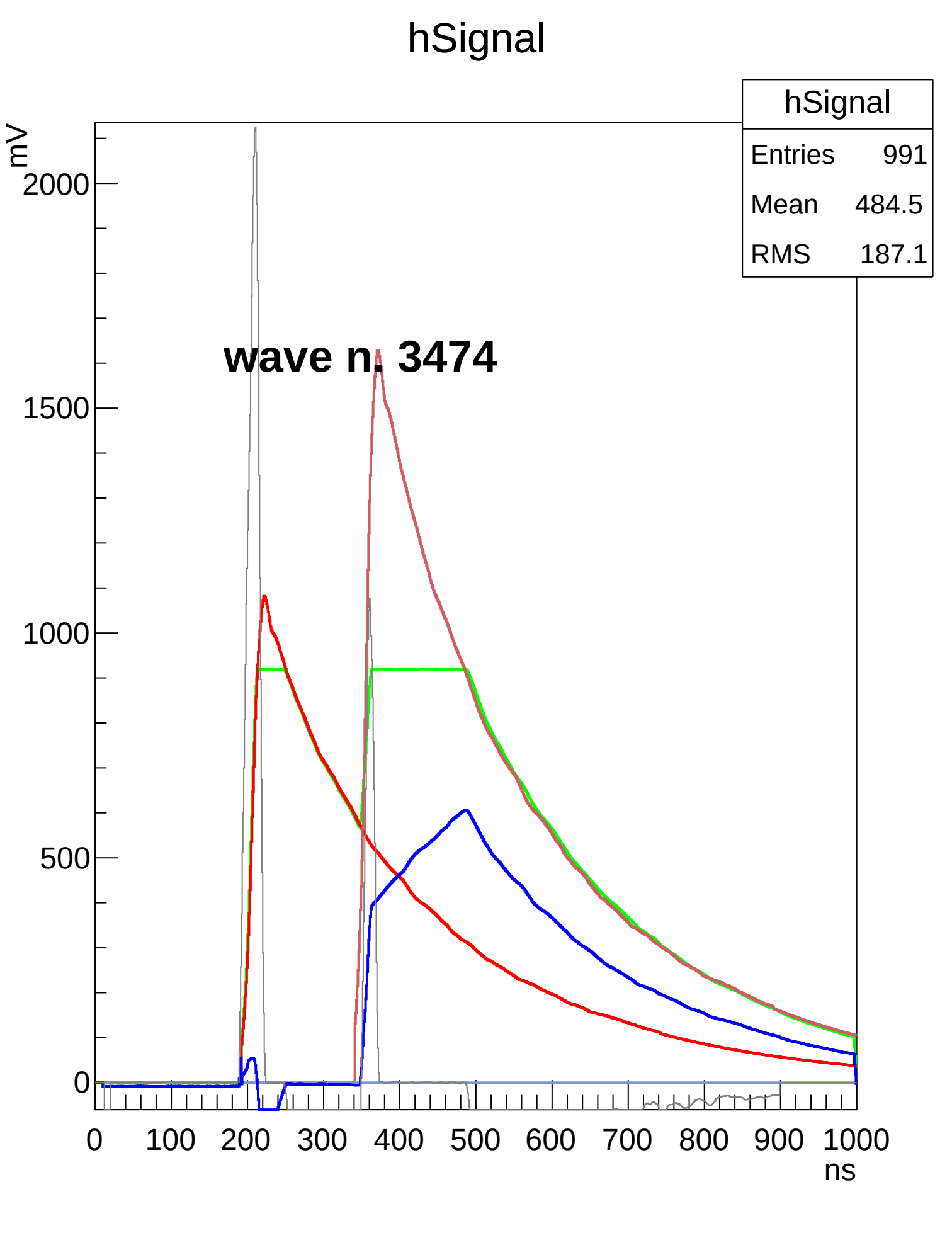
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 484.5
RMS 187.1
wave n. 3474
mV
2000
1500
1000
500
0
0
100
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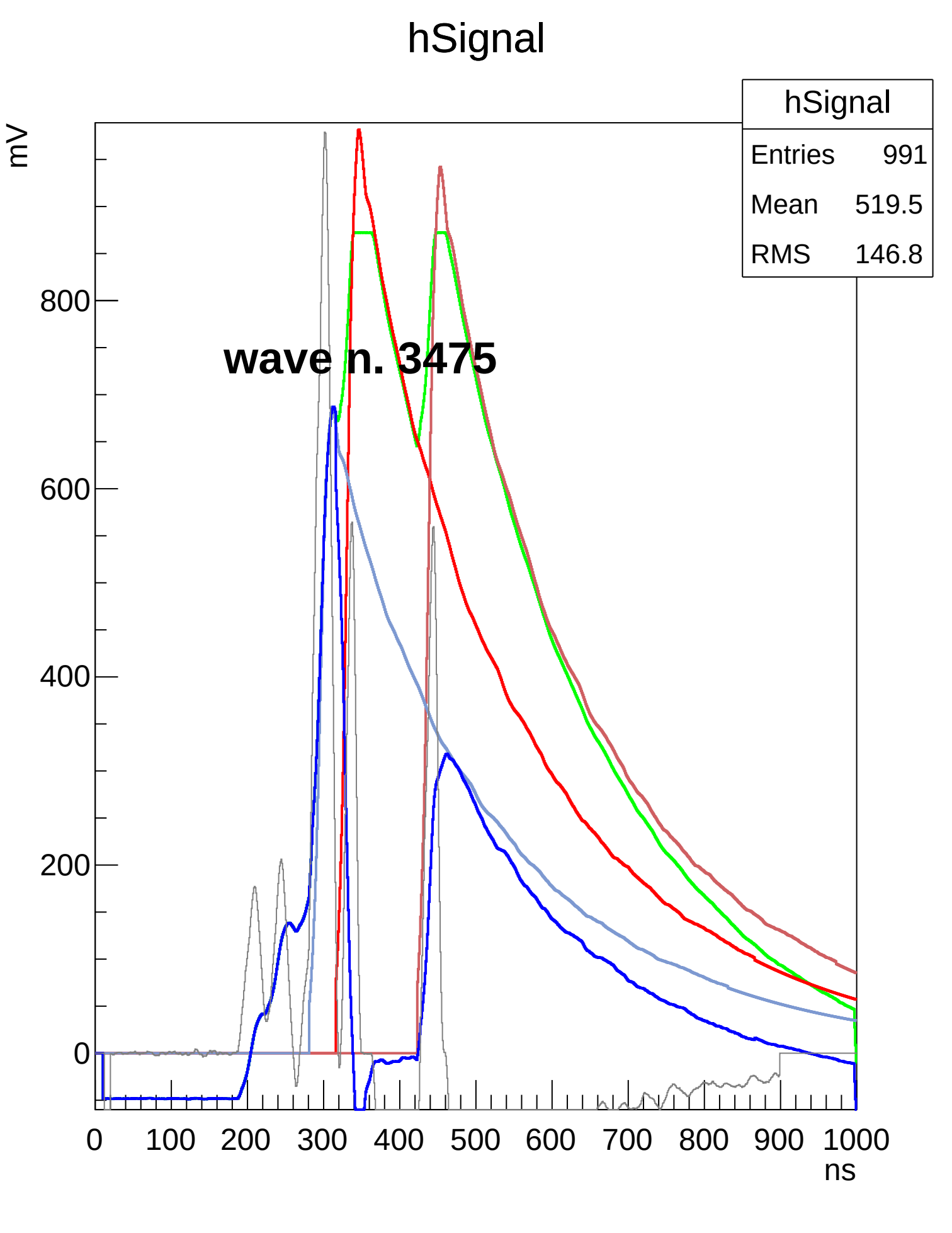
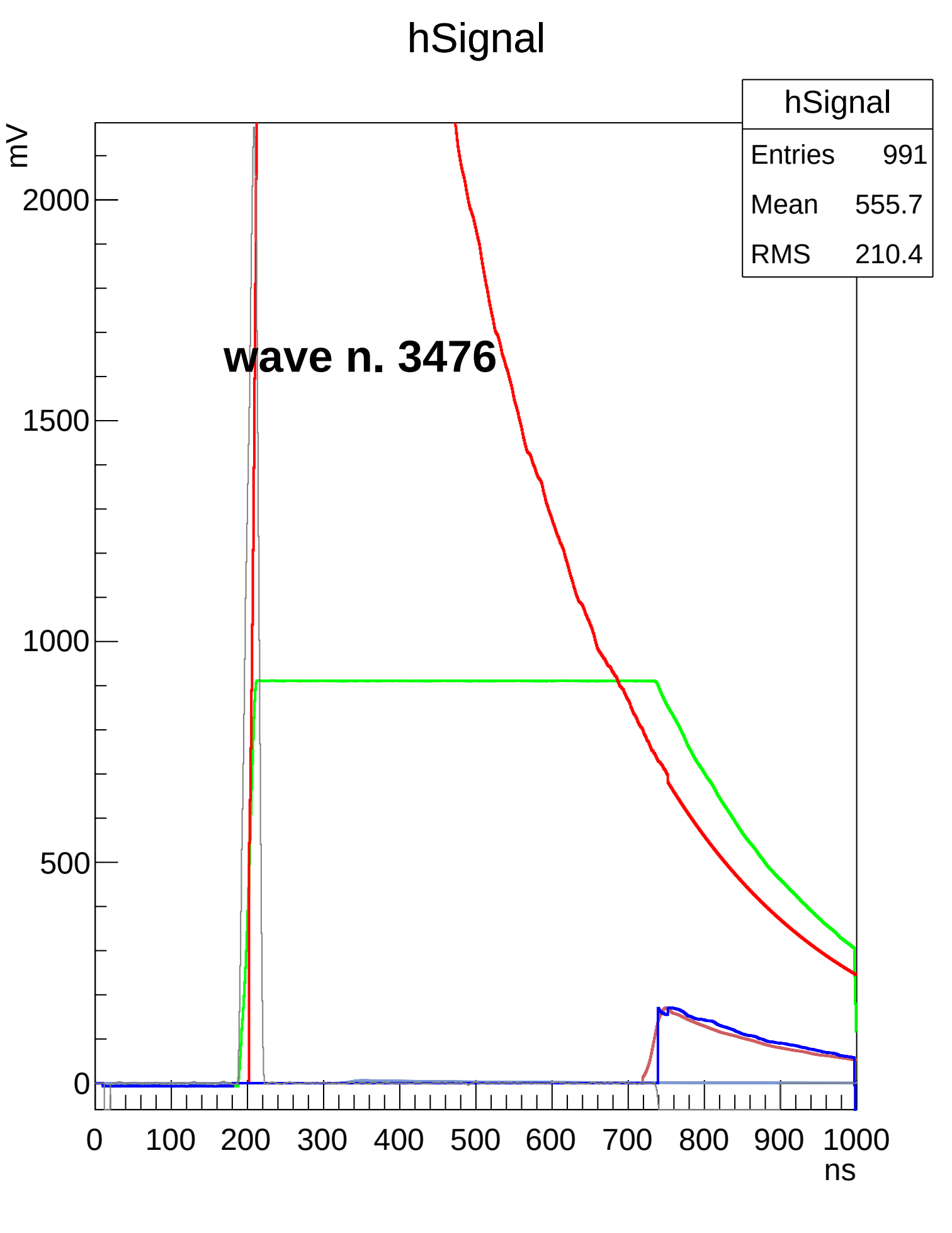
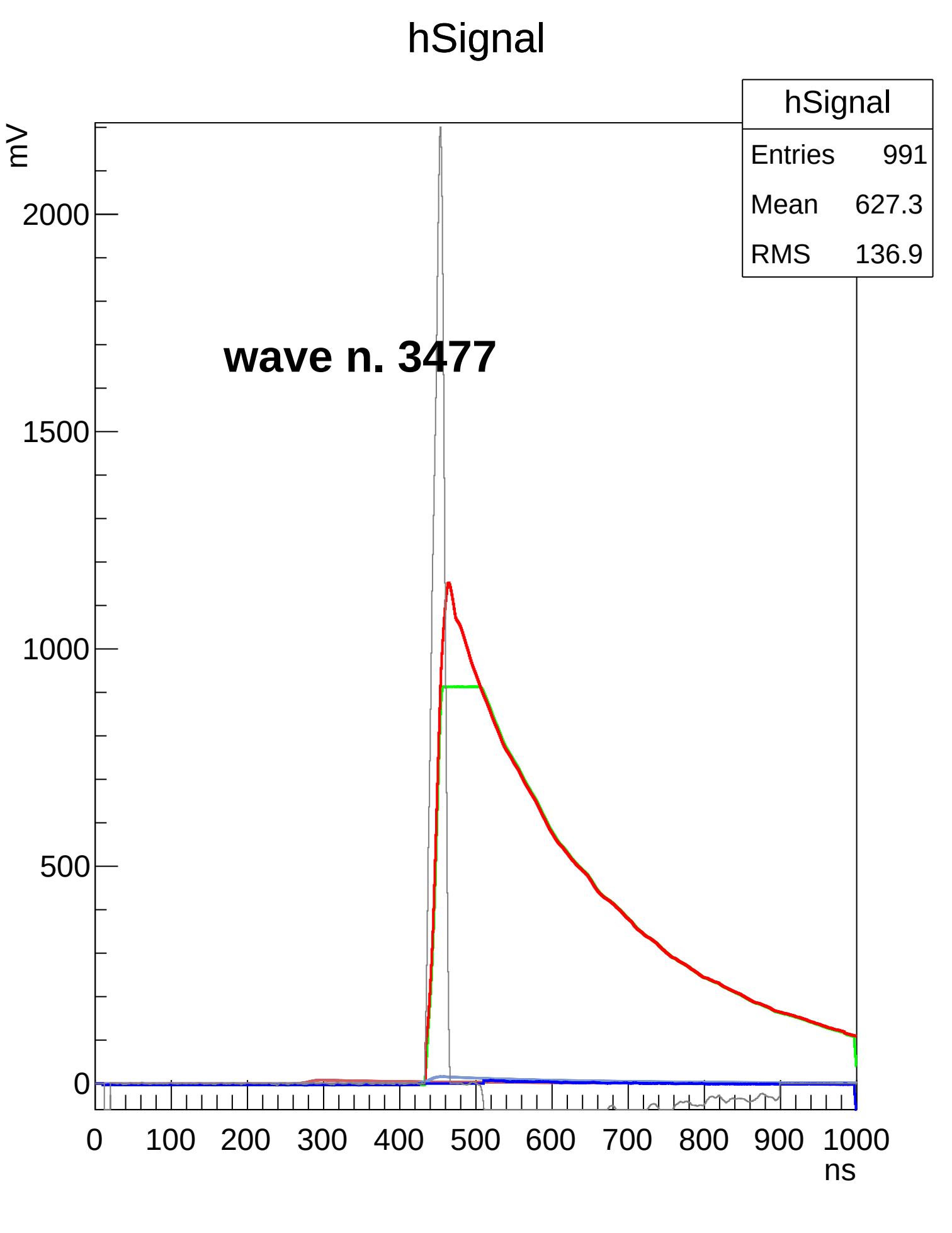
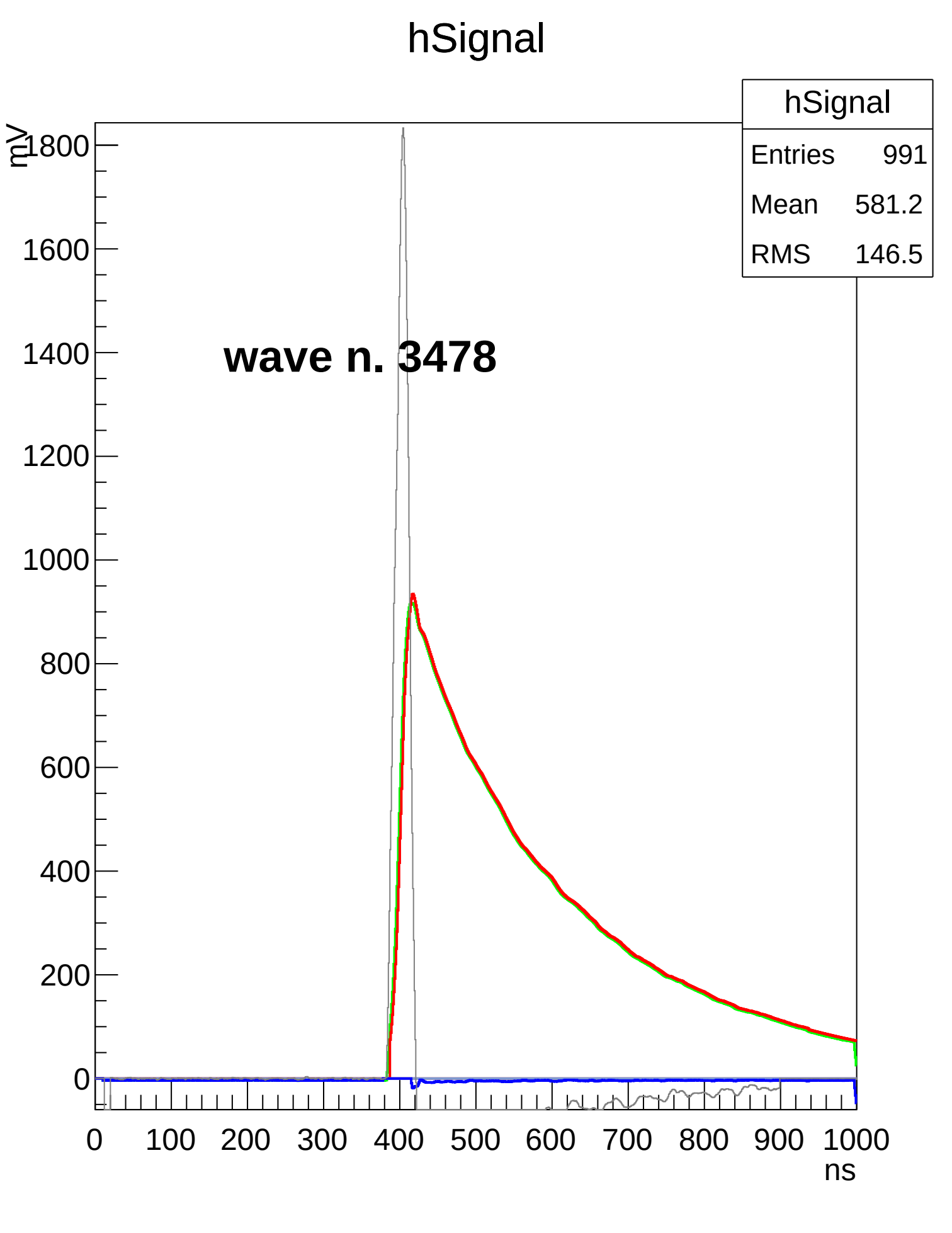
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.5
RMS 146.8
wave n. 3475
mV
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 555.7
RMS 210.4
wave n. 3476
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 627.3
RMS 136.9
wave n. 3477
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 581.2
RMS 146.5
wave n. 3478
mV
1800
1600
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1200
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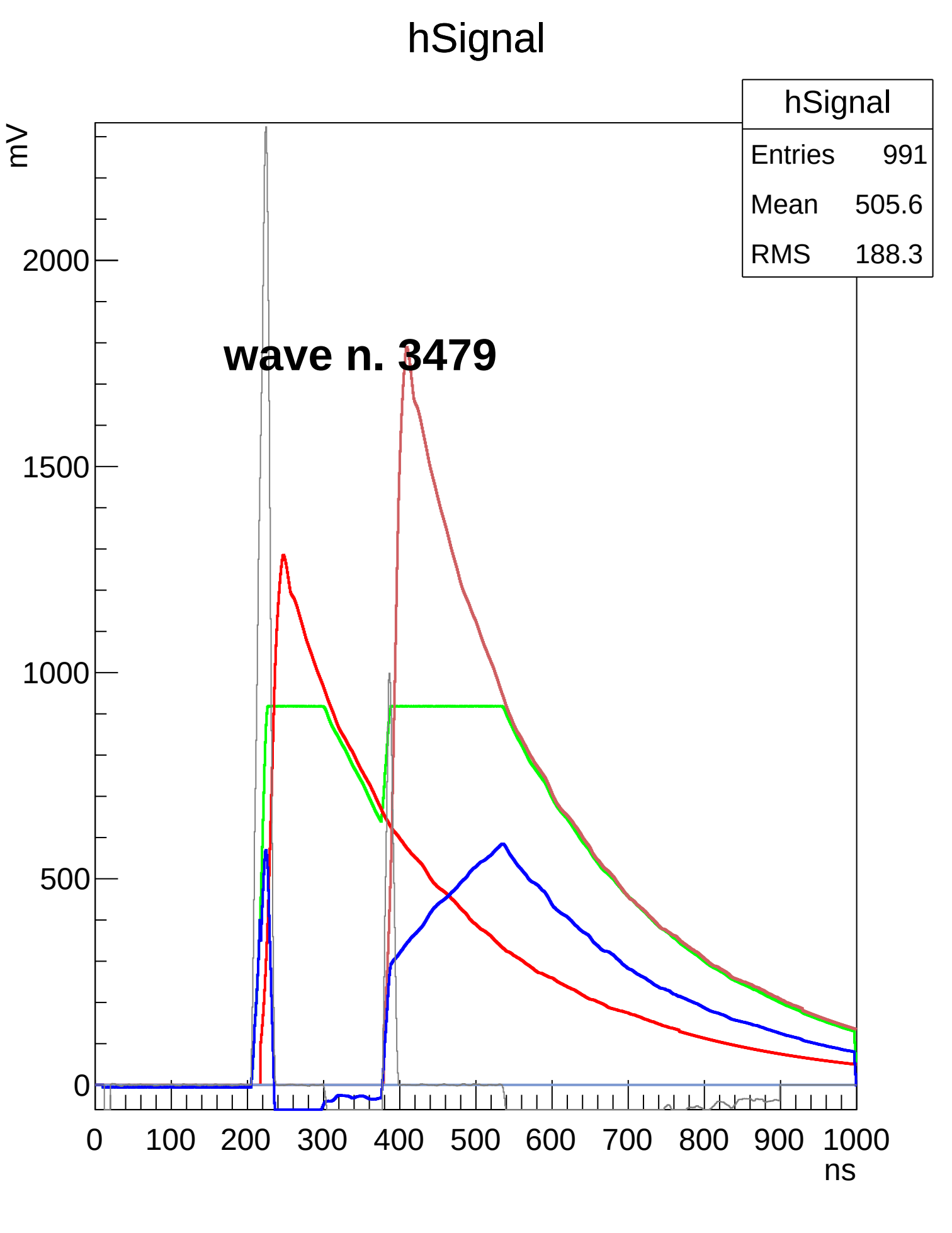
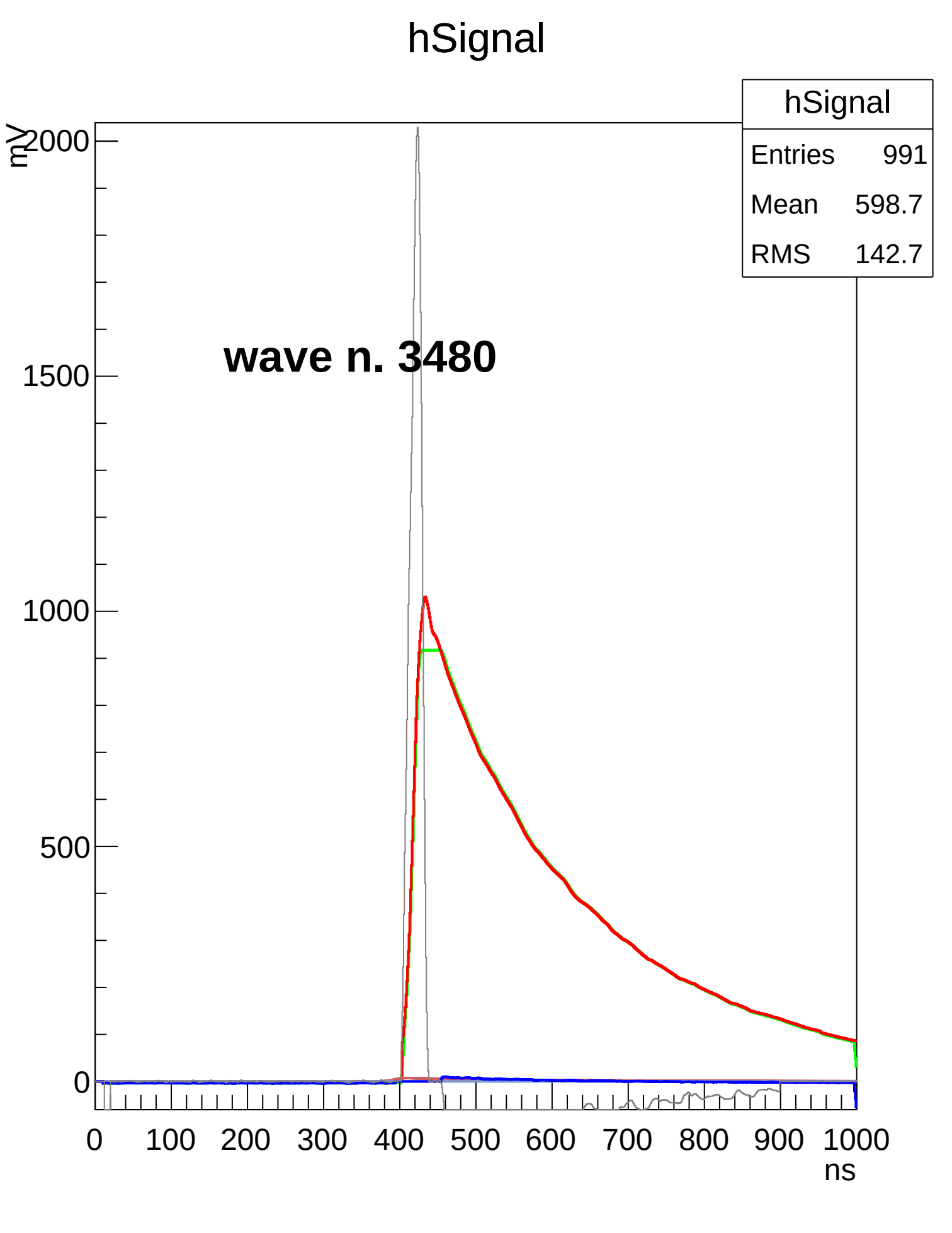
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.6
RMS 188.3
wave n. 3479
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 598.7
RMS 142.7
wave n. 3480
mV
2000
1500
1000
500
0
0
100
200
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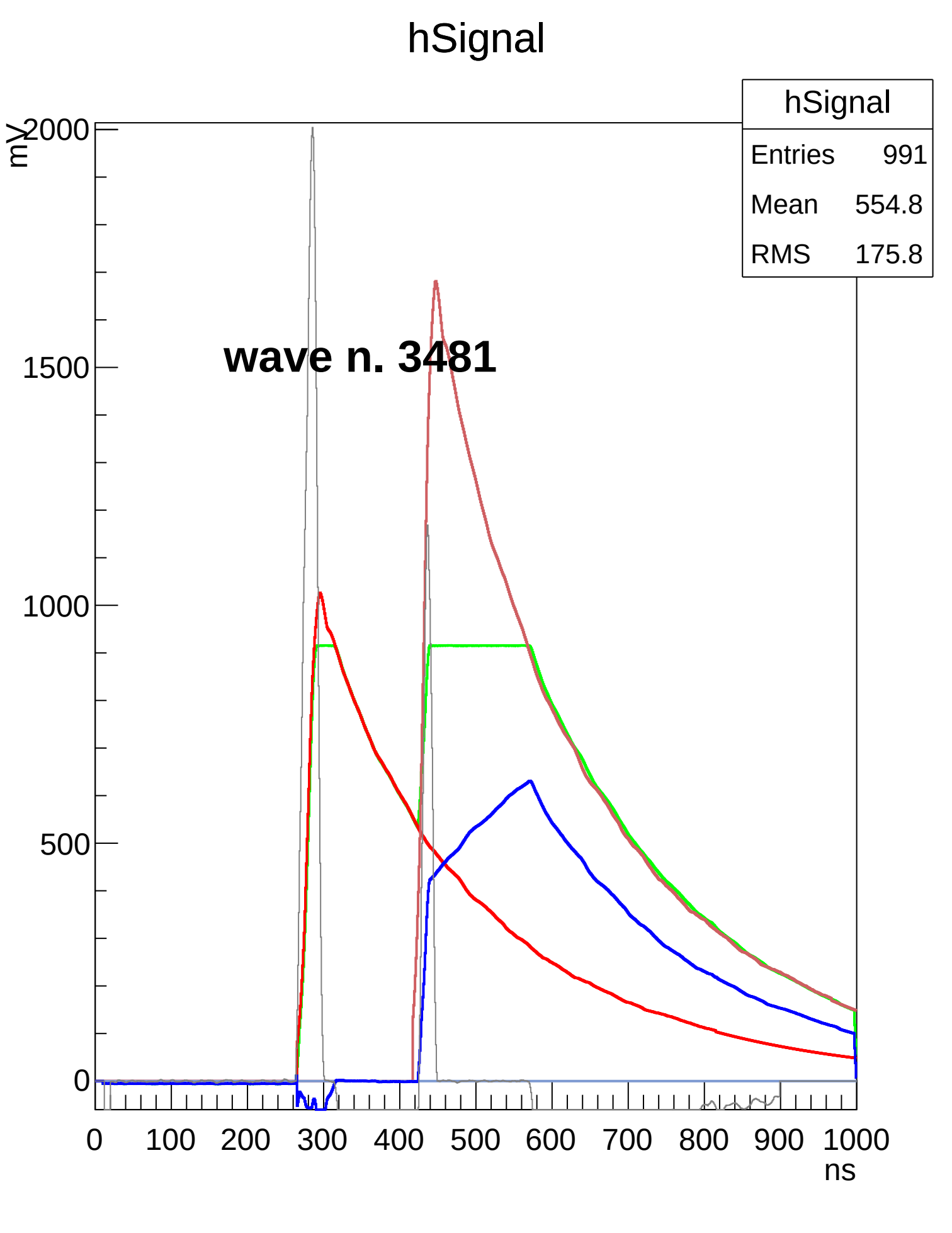
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 554.8
RMS 175.8
wave n. 3481
mV
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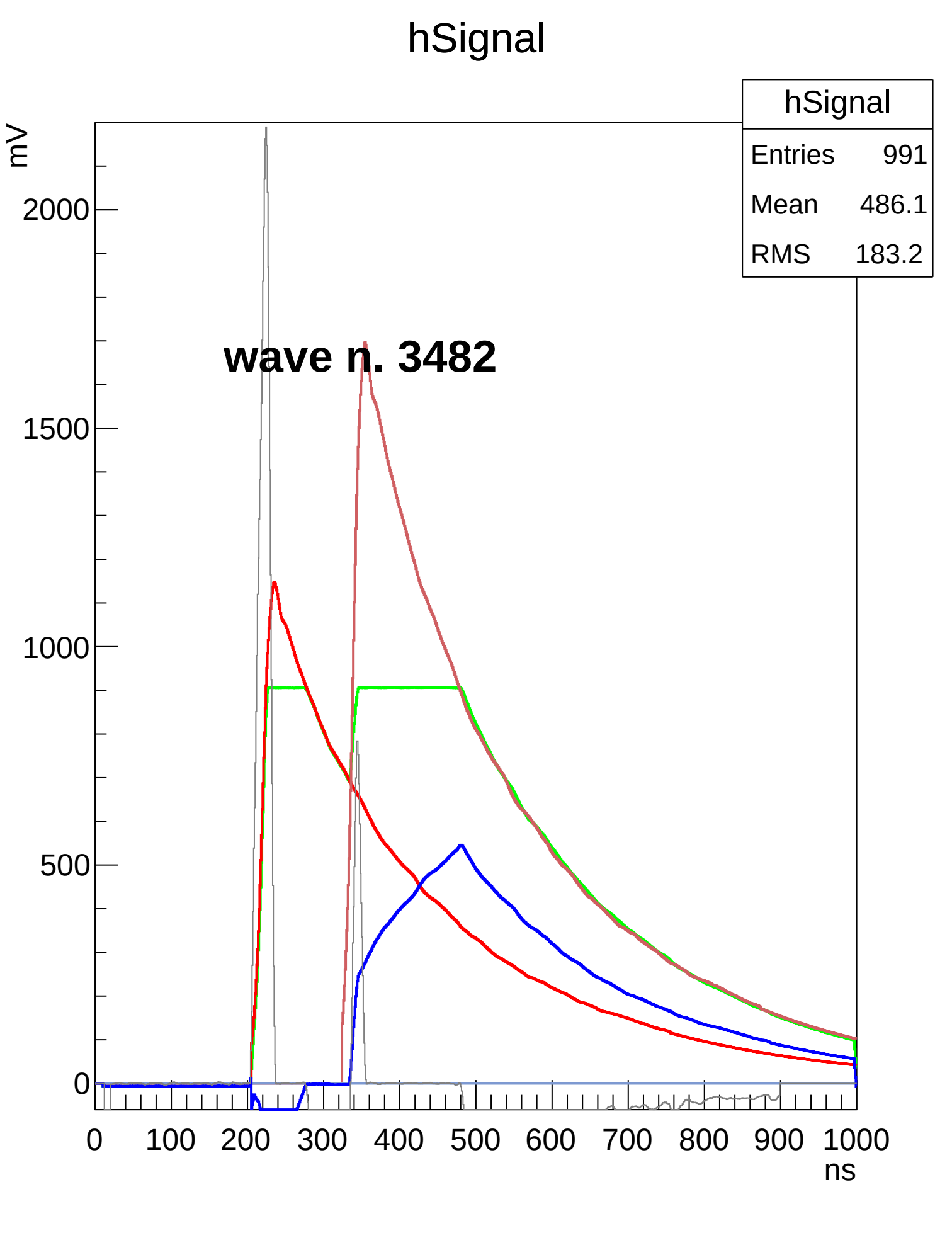
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486.1
RMS 183.2
wave n. 3482
mV
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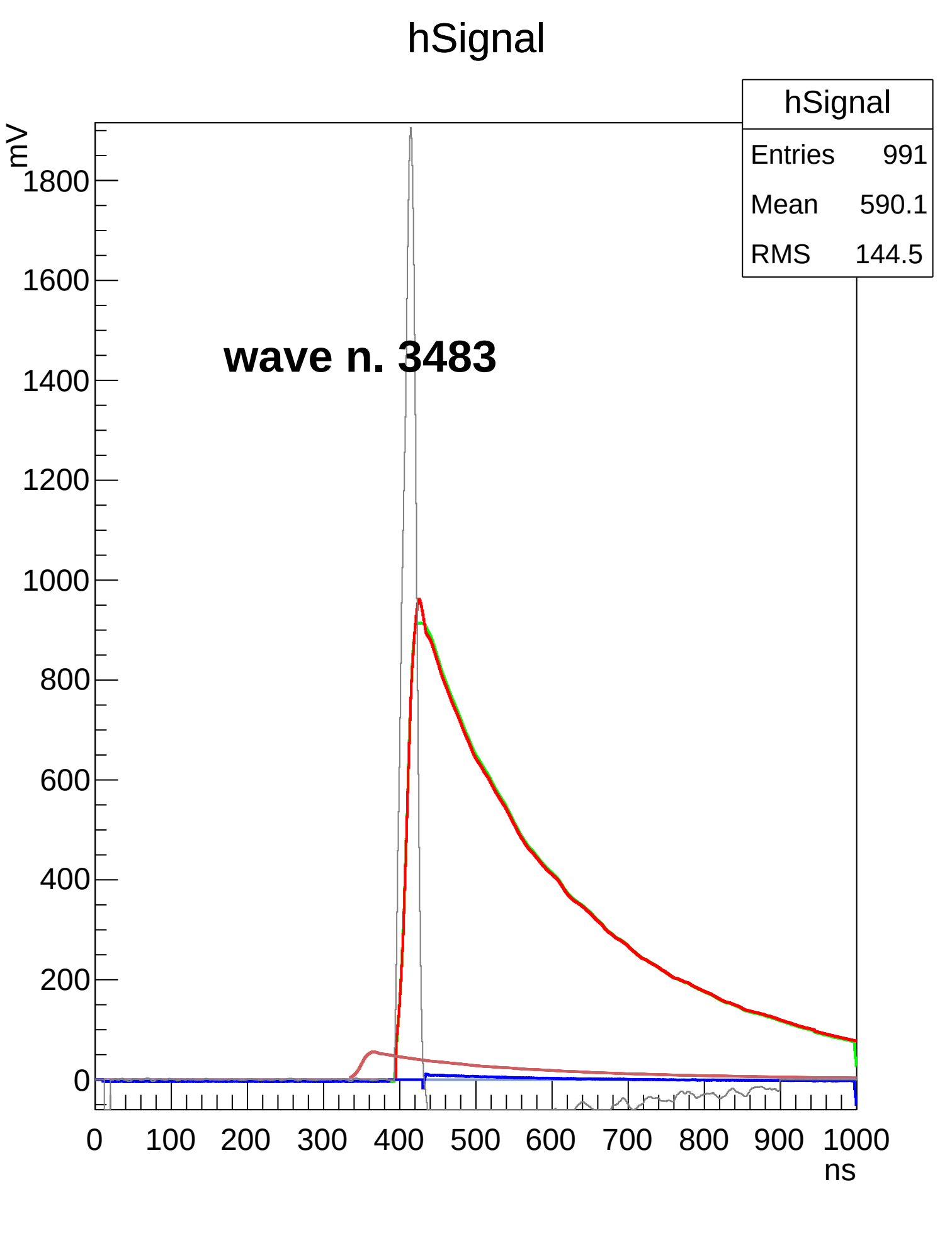
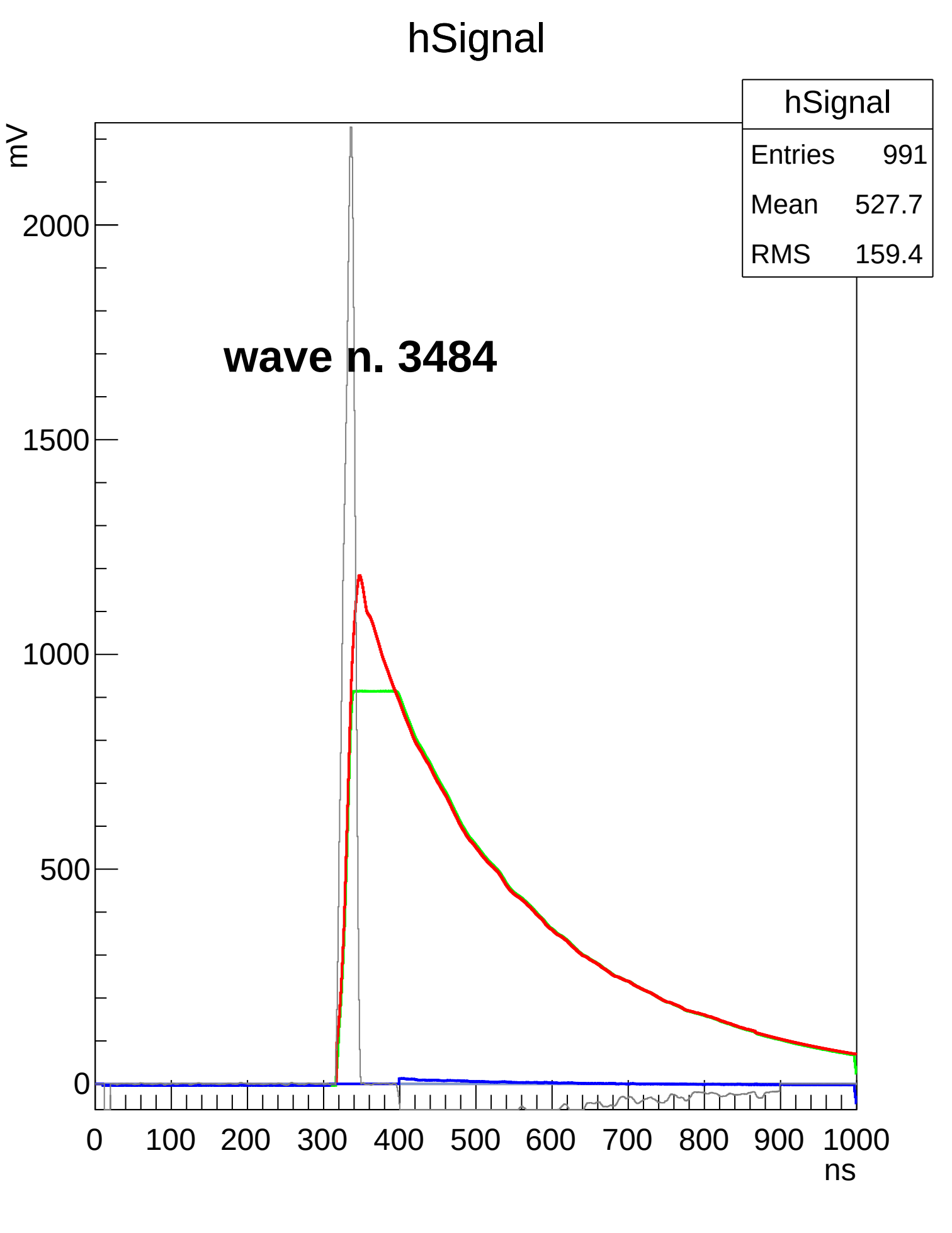
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 590.1
RMS 144.5
wave n. 3483
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527.7
RMS 159.4
wave n. 3484
mV
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1500
1000
500
0
0
100
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400
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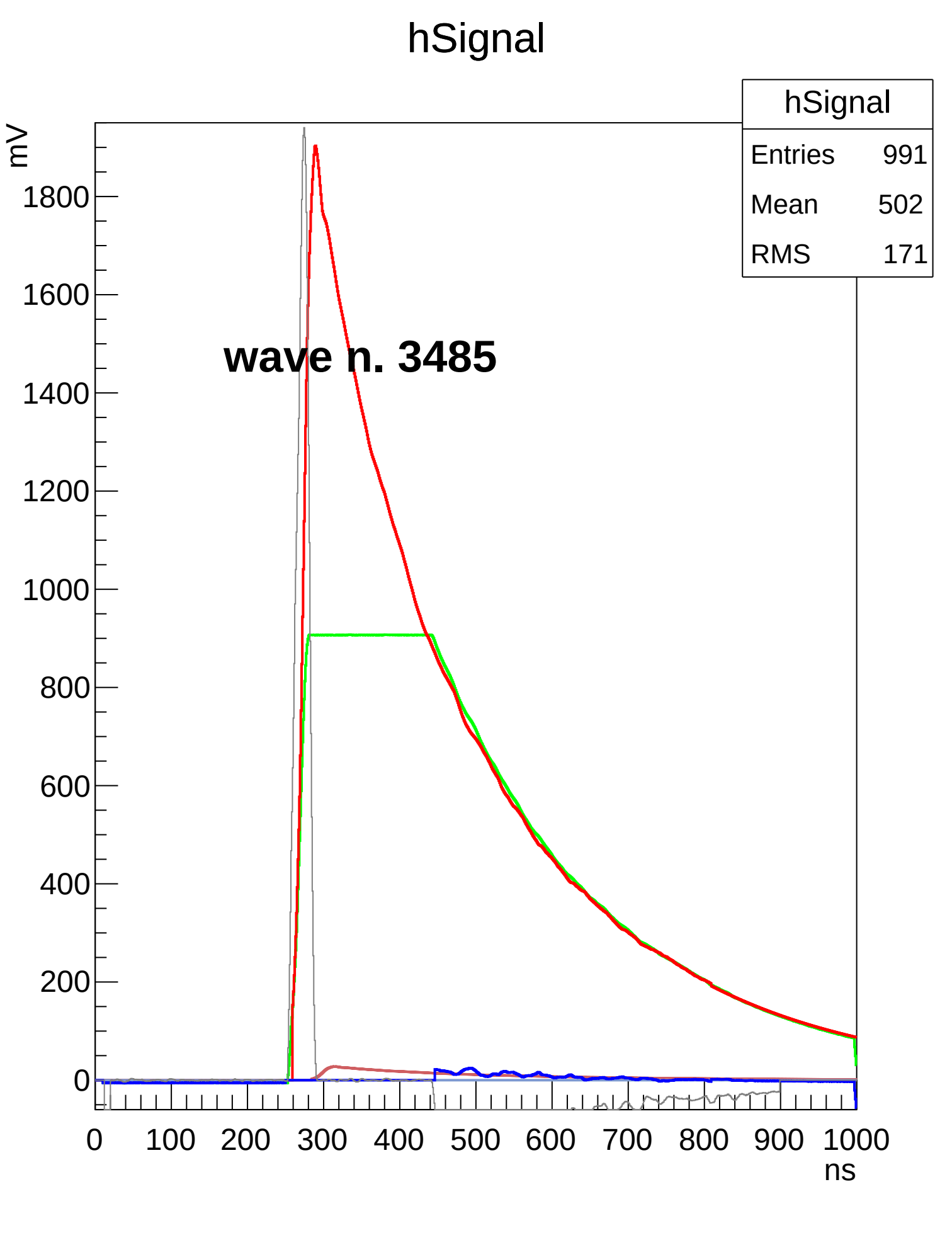
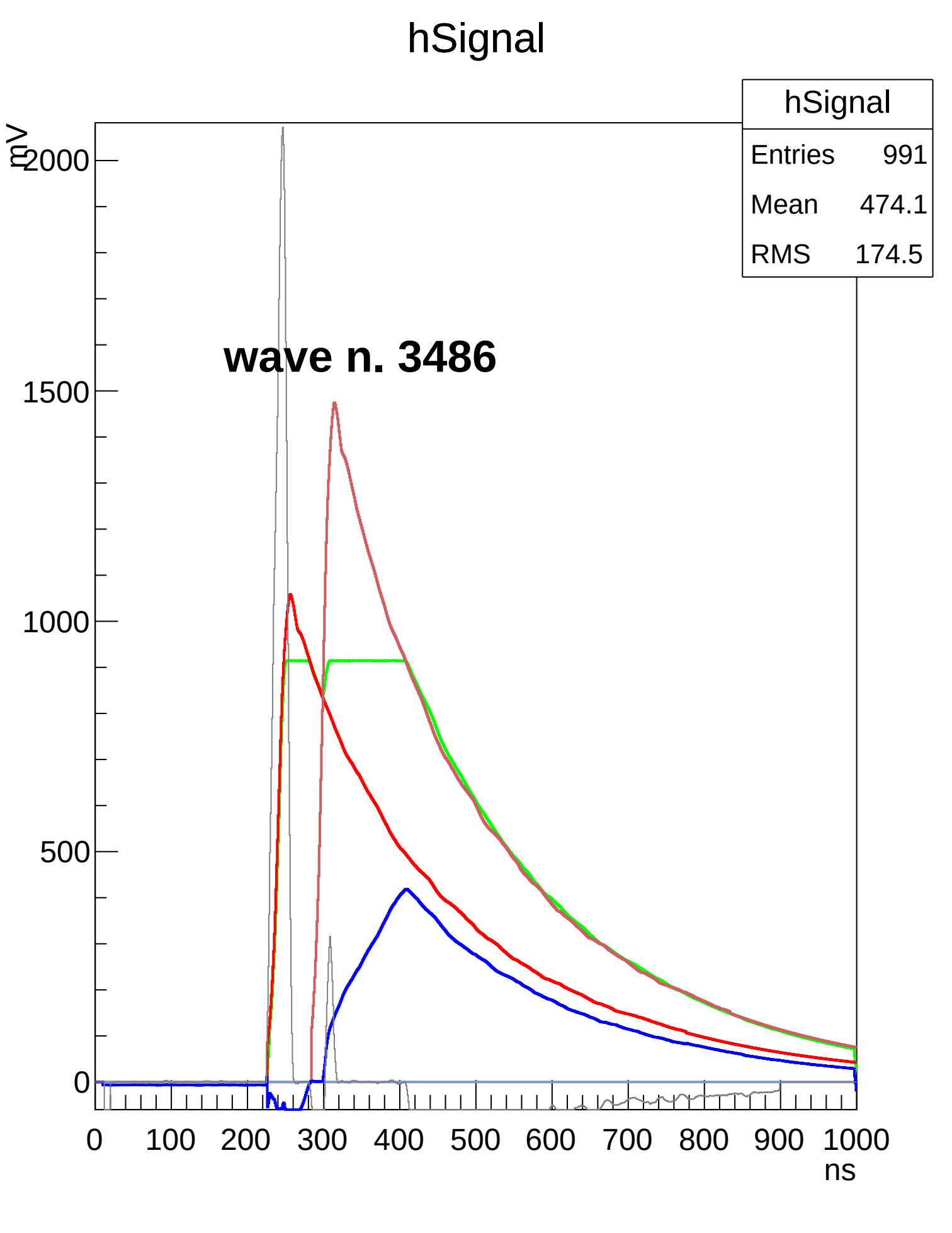
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502
RMS 171
wave n. 3485
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 474.1
RMS 174.5
wave n. 3486
mV
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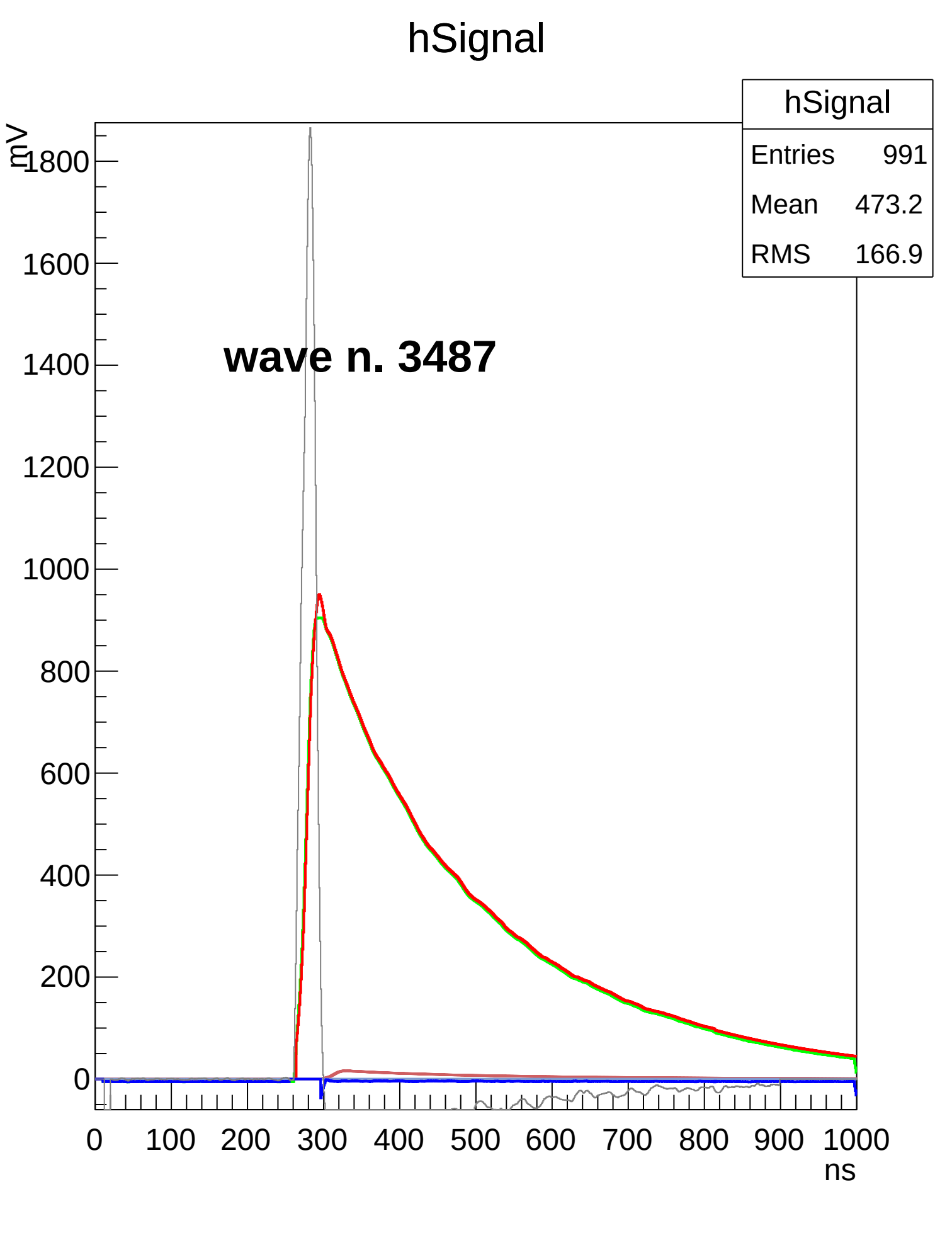
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 473.2
RMS 166.9
wave n. 3487
mV
1800
1600
1400
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1000
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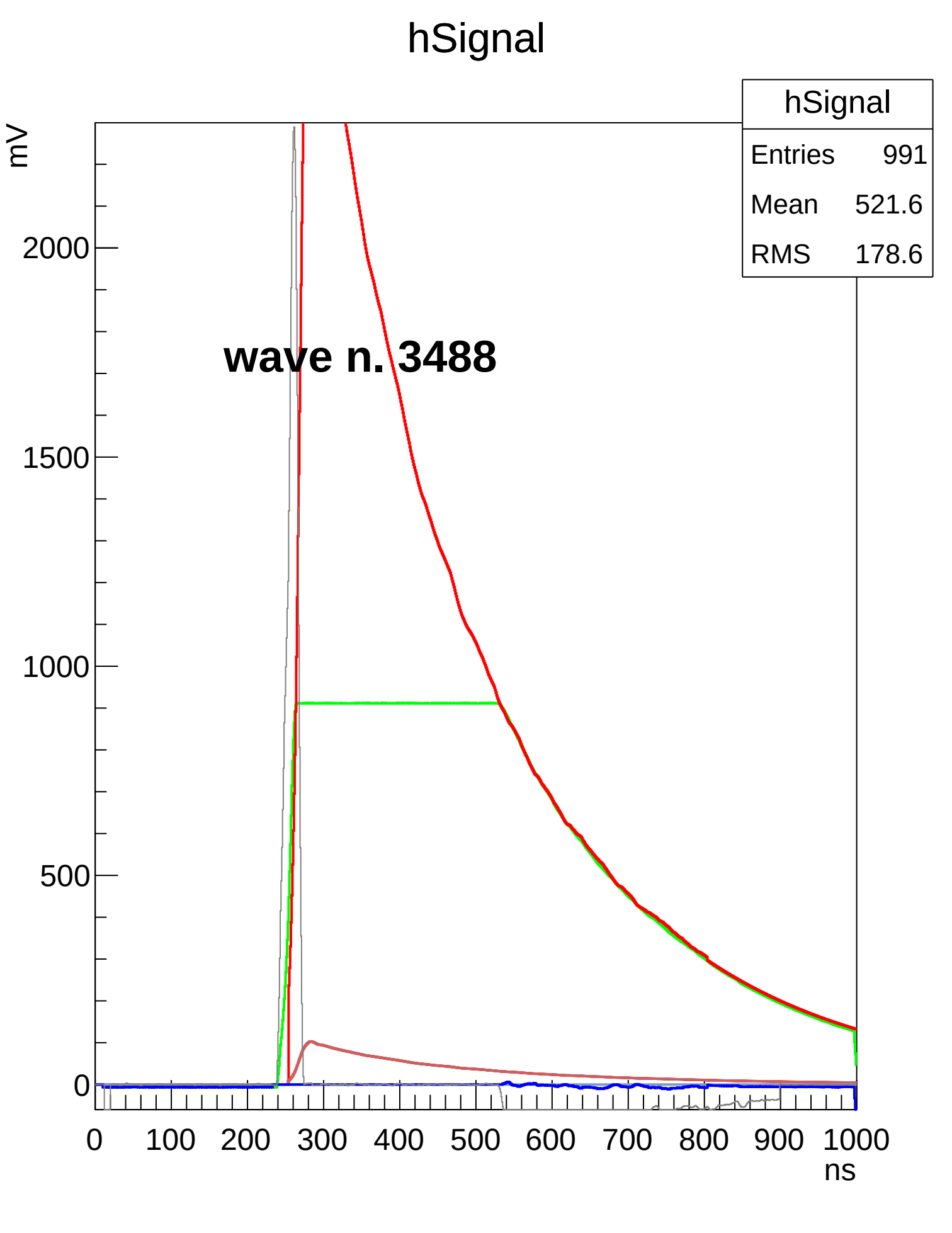
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521.6
RMS 178.6
wave n. 3488
mV
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1500
1000
500
0
0
100
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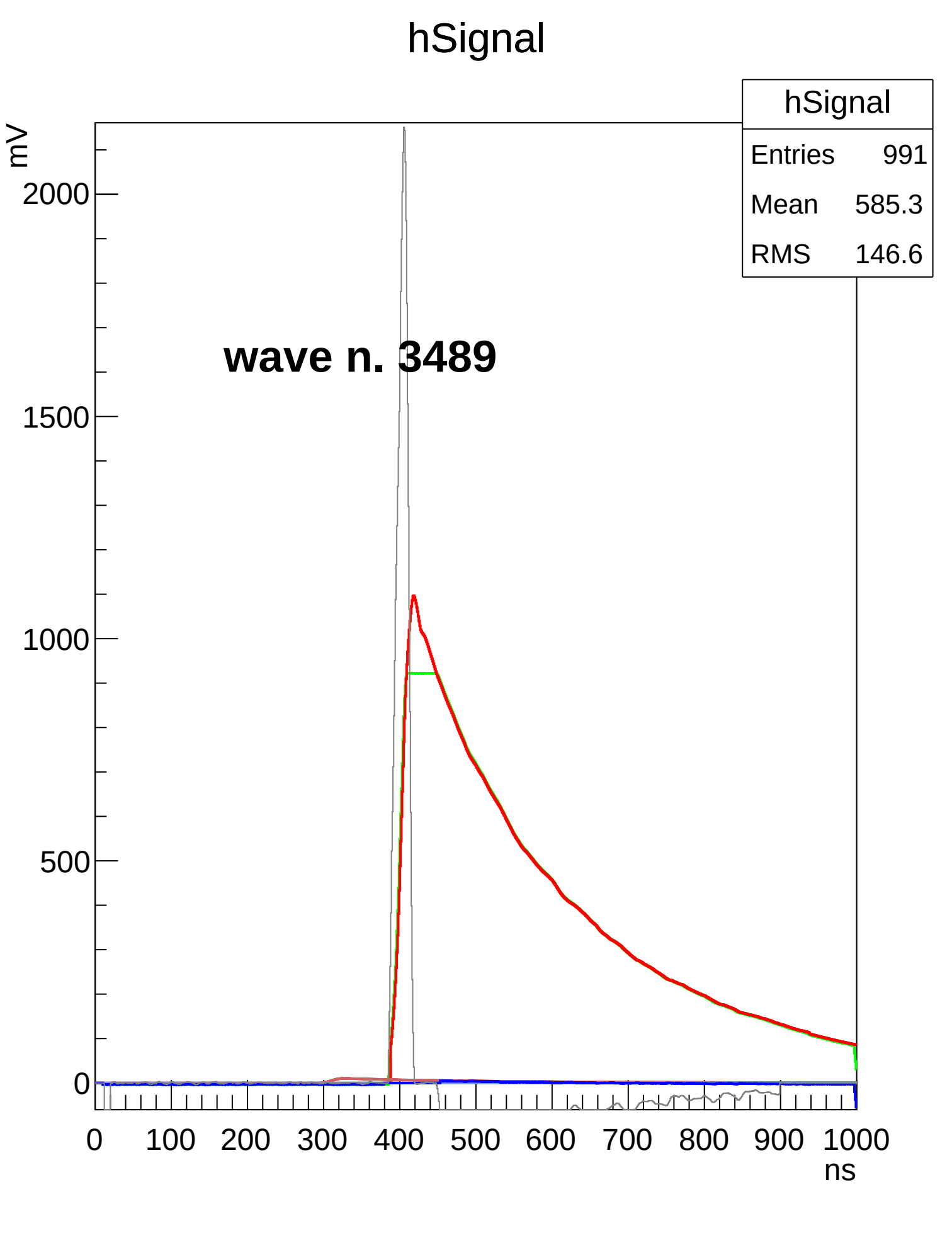
400
500
600
700
800
900
1000
ns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Entries 991
Mean 585.3
RMS 146.6
wave n. 3489
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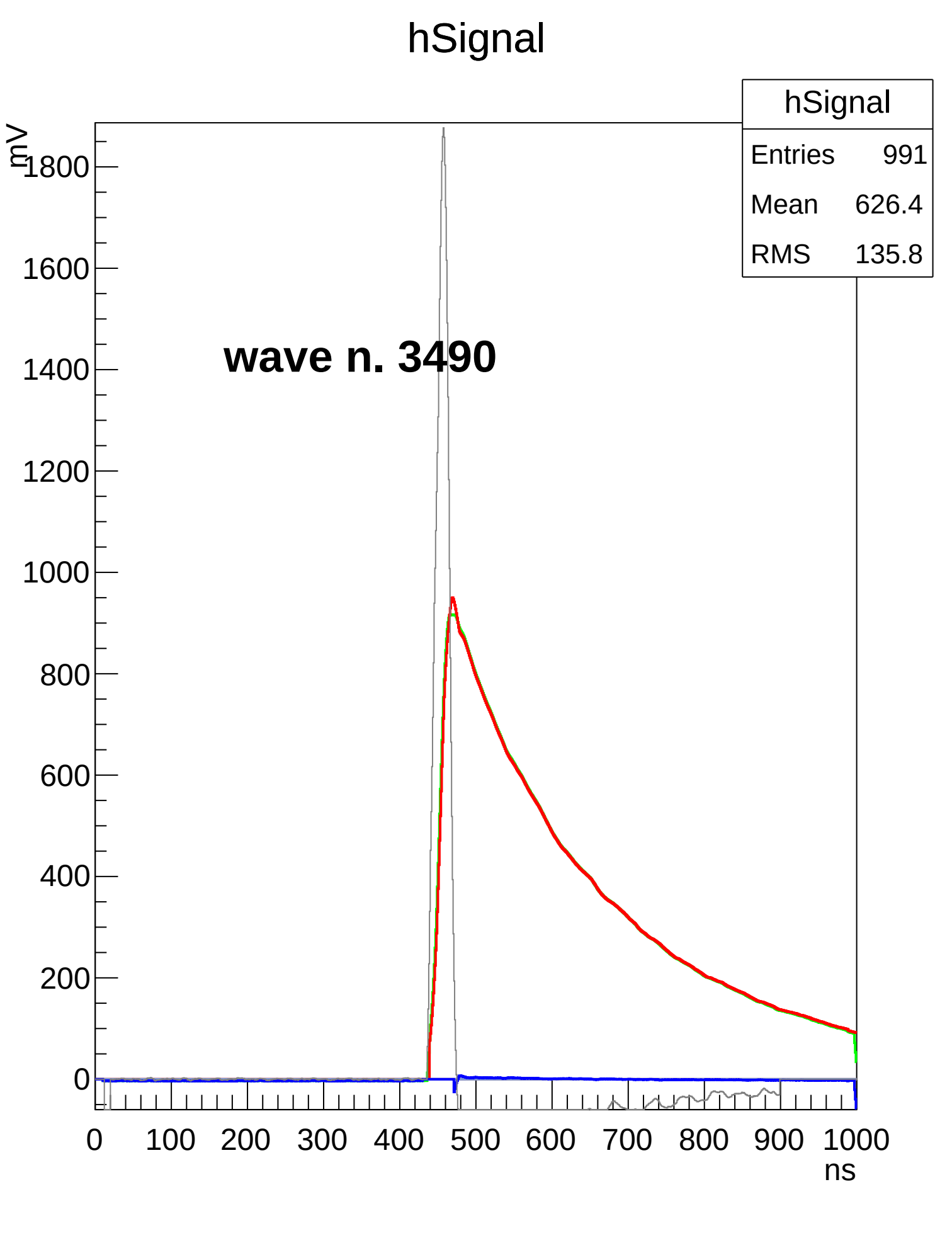
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 626.4
RMS 135.8
wave n. 3490
mV
1800
1600
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1200
1000
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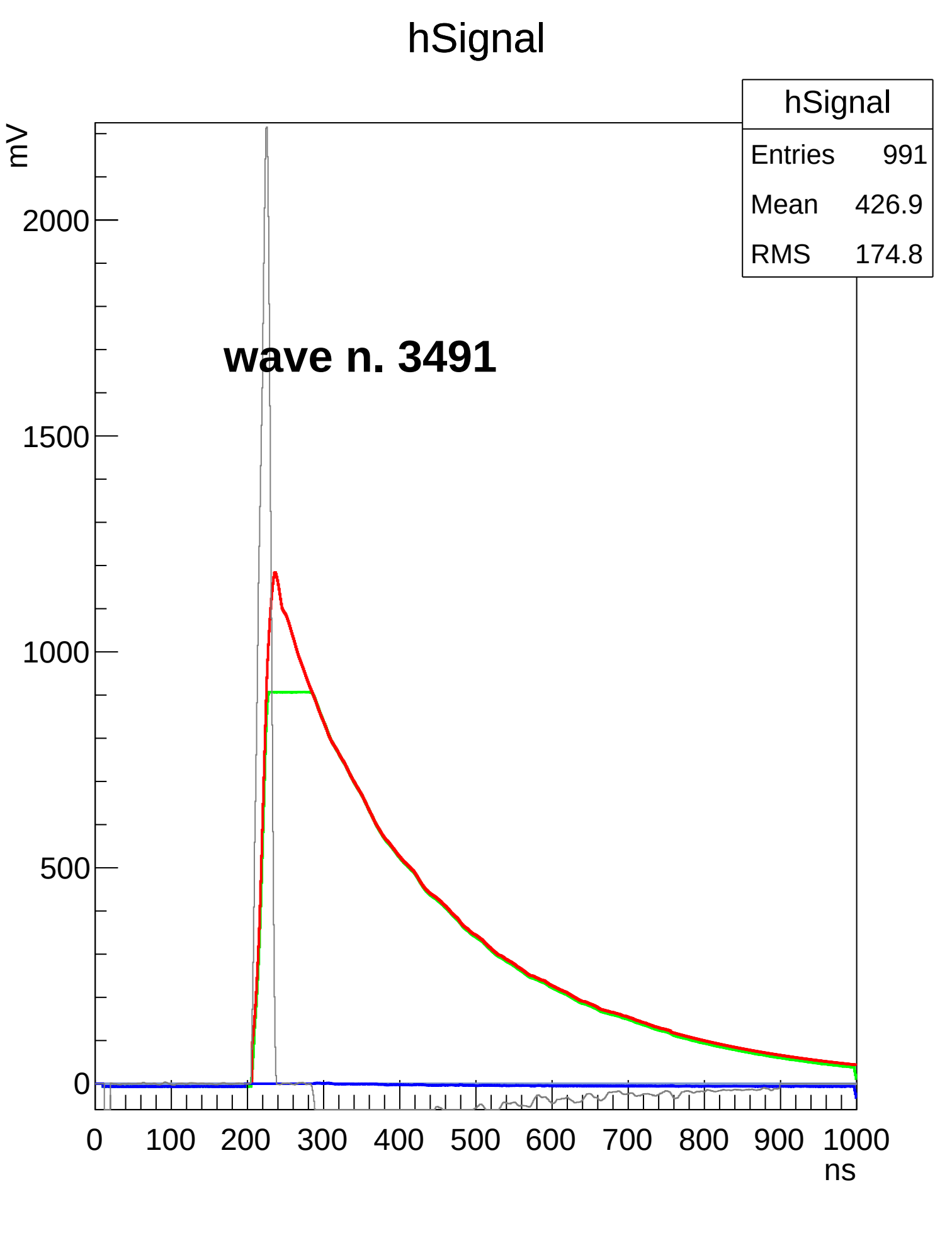
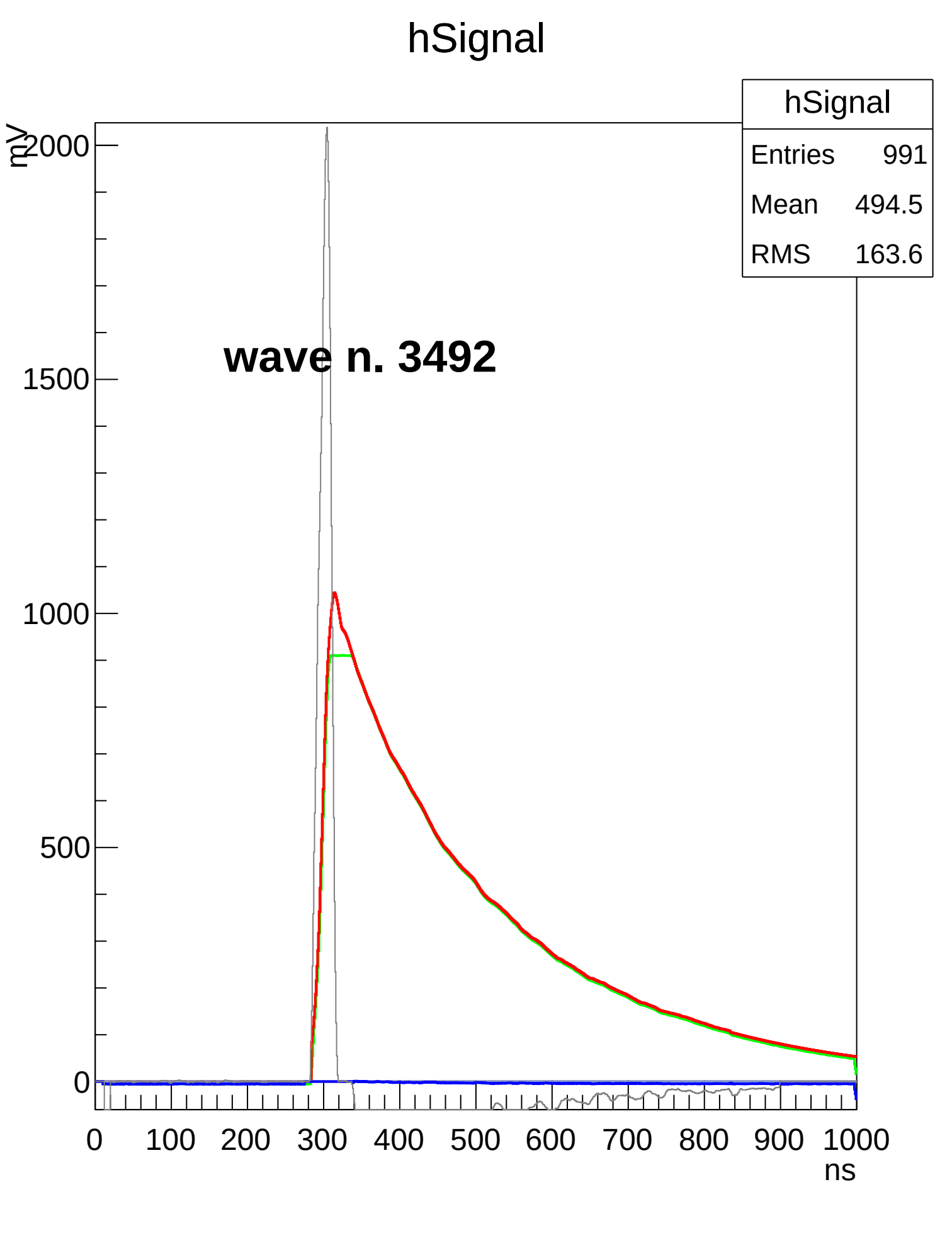
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 426.9
RMS 174.8
wave n. 3491
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 494.5
RMS 163.6
wave n. 3492
mV
2000
1500
1000
500
0
0
100
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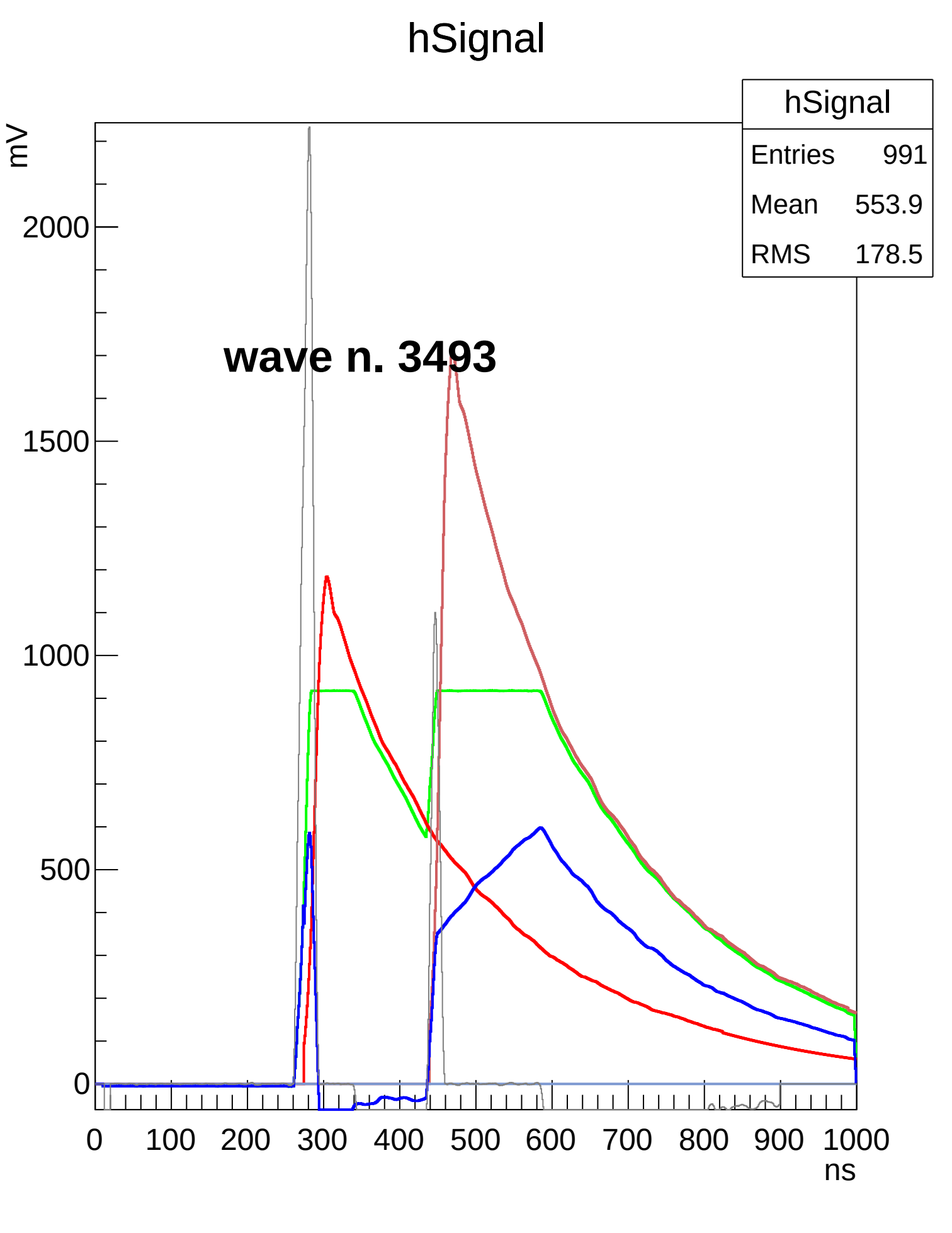
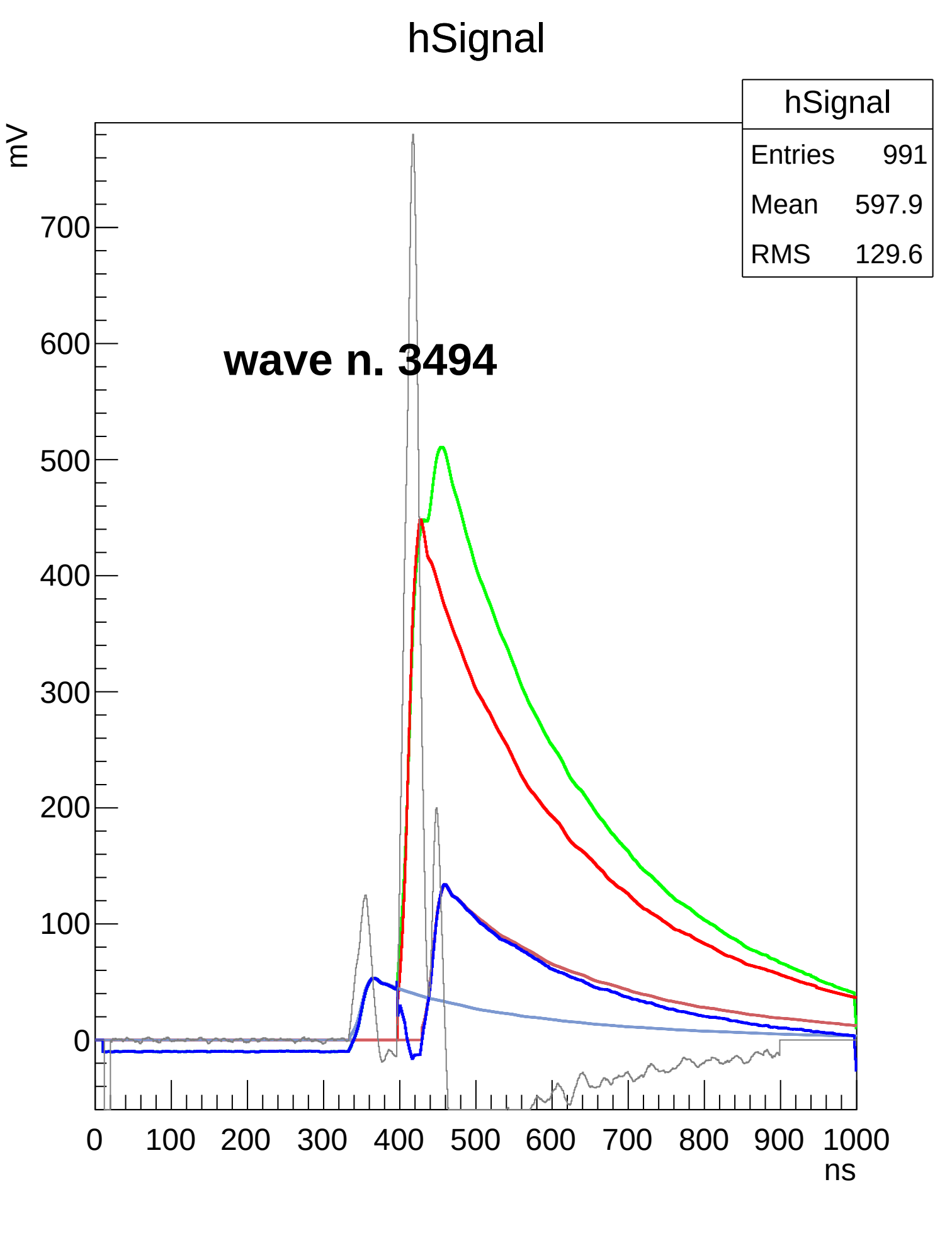
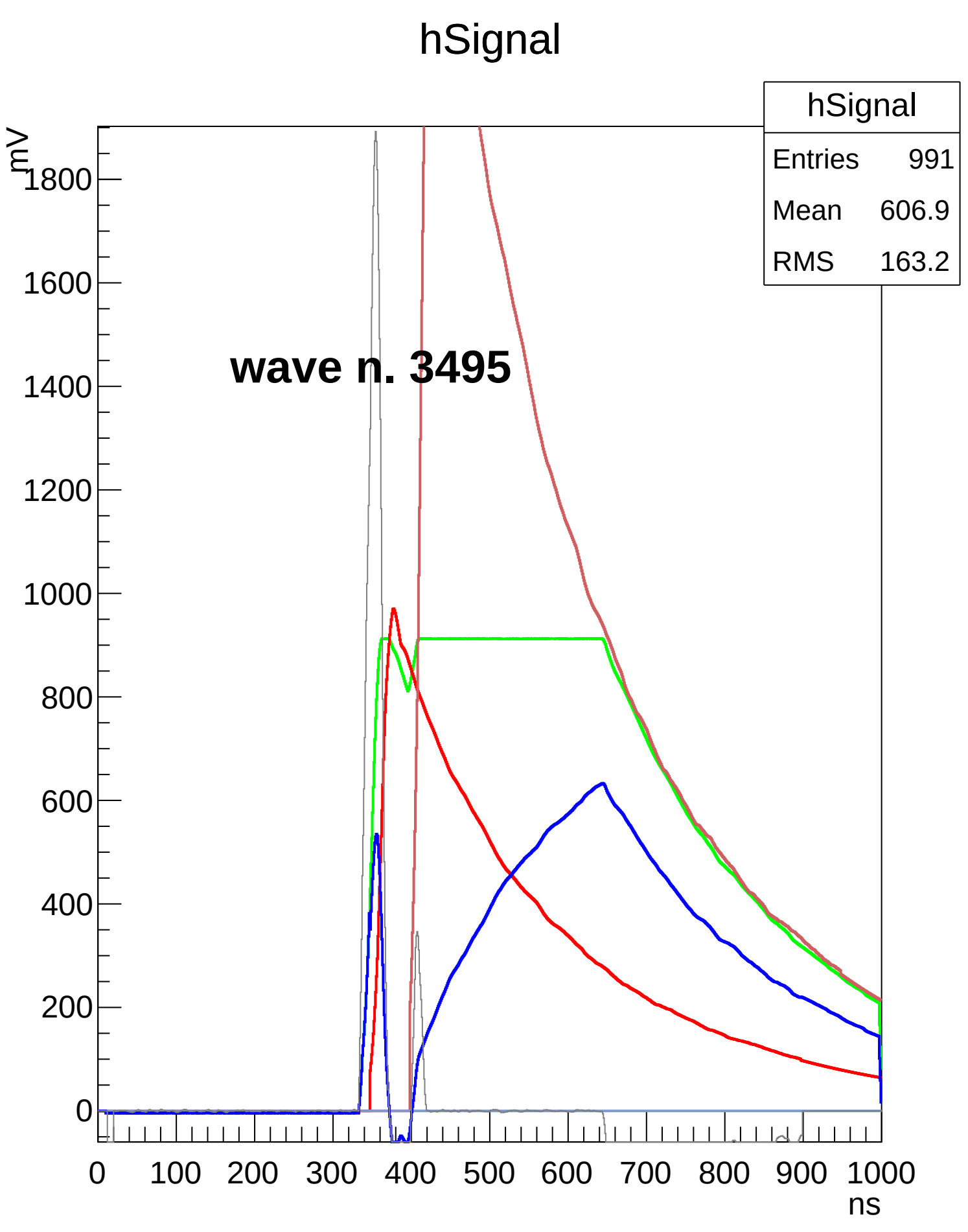
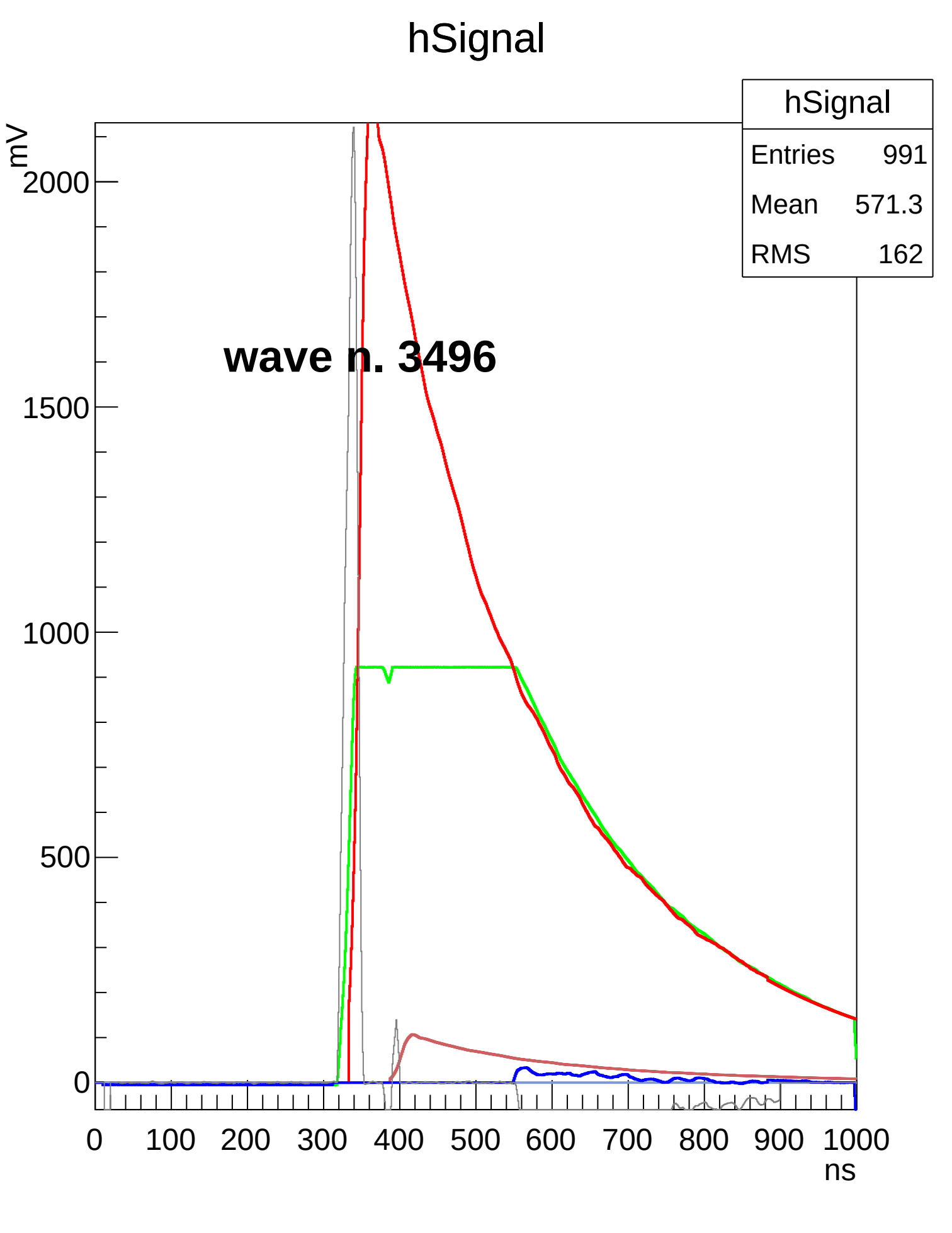
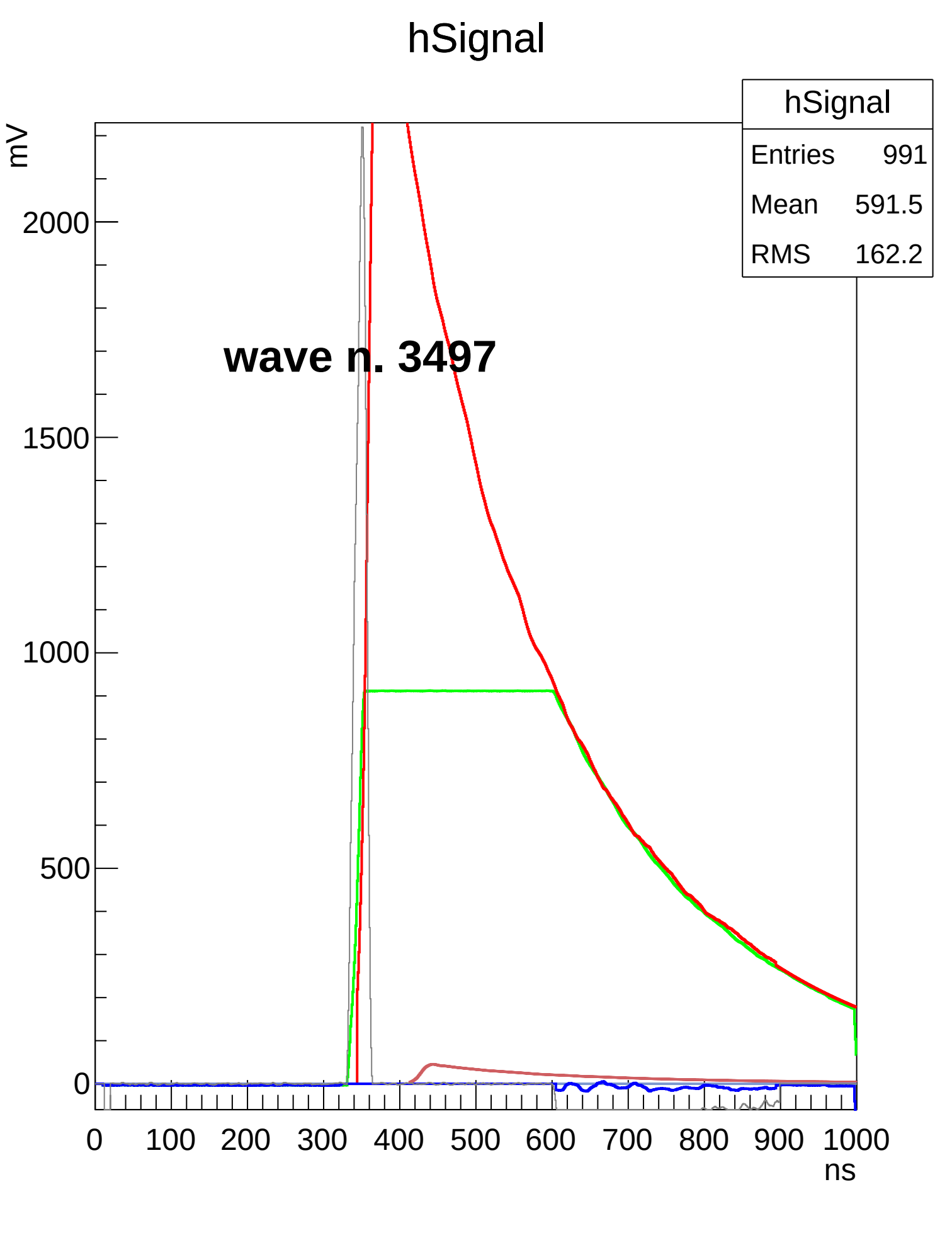
400
500
600
700
800
900
1000
ns

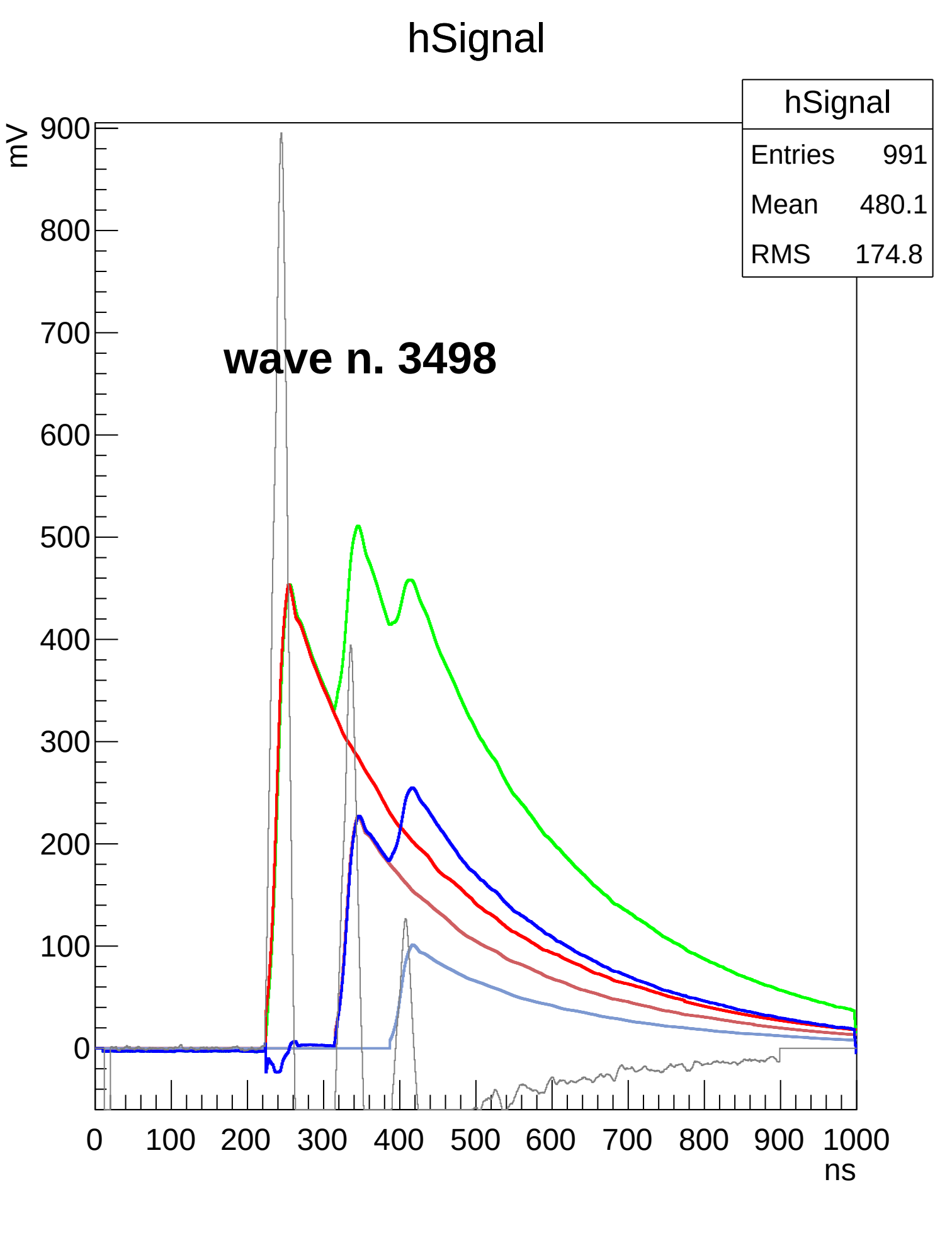

hSignal
hSignal
Entries 991
Mean 553.9
RMS 178.5
wave n. 3493
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597.9
RMS 129.6
wave n. 3494
mV
700
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 606.9
RMS 163.2
wave n. 3495
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 571.3
RMS 162
wave n. 3496
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 591.5
RMS 162.2
wave n. 3497
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 480.1
RMS 174.8
wave n. 3498
mV
900
800
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300
200
100
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0
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200
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400
500
600
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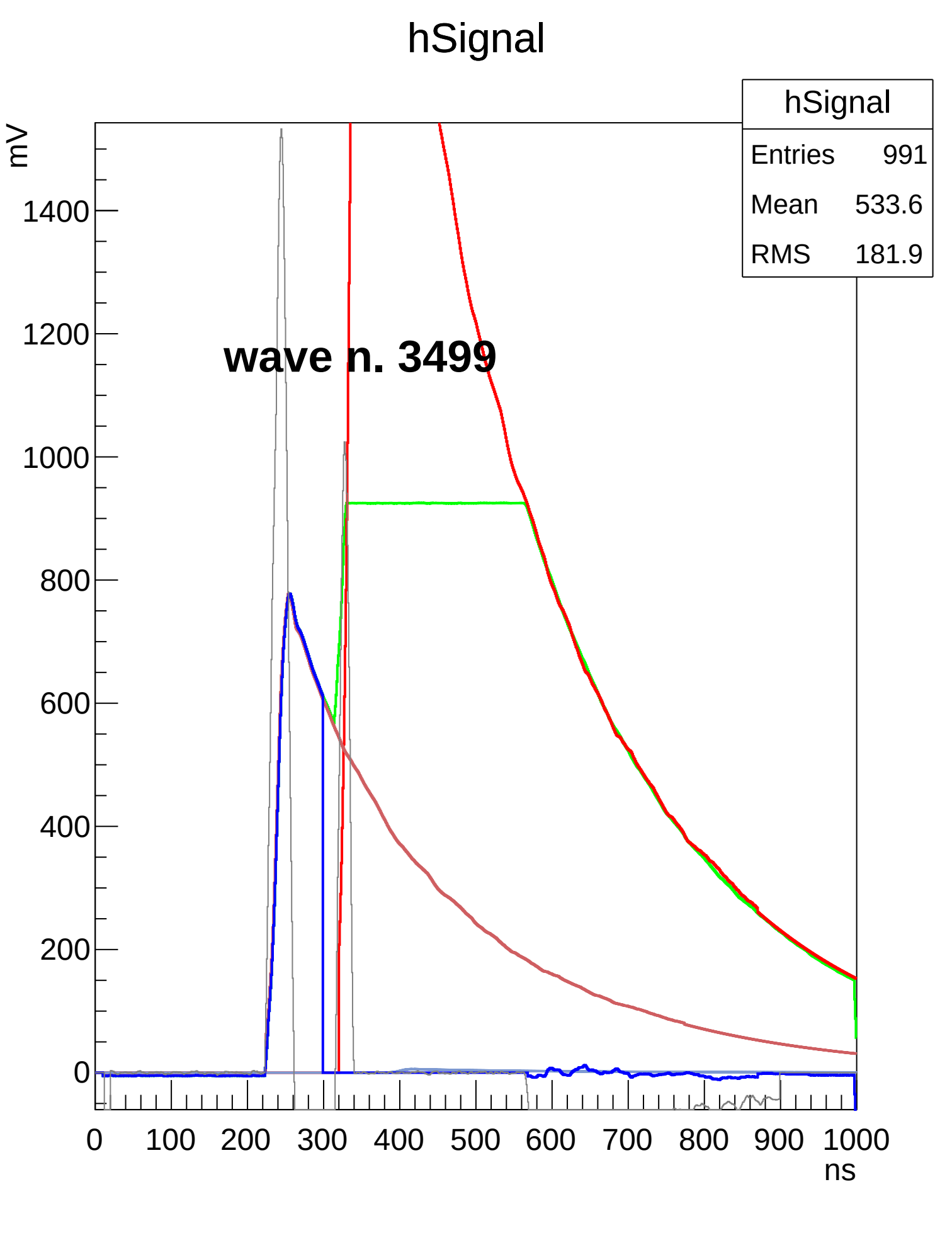
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 533.6
RMS 181.9
wave n. 3499
mV
1400
1200
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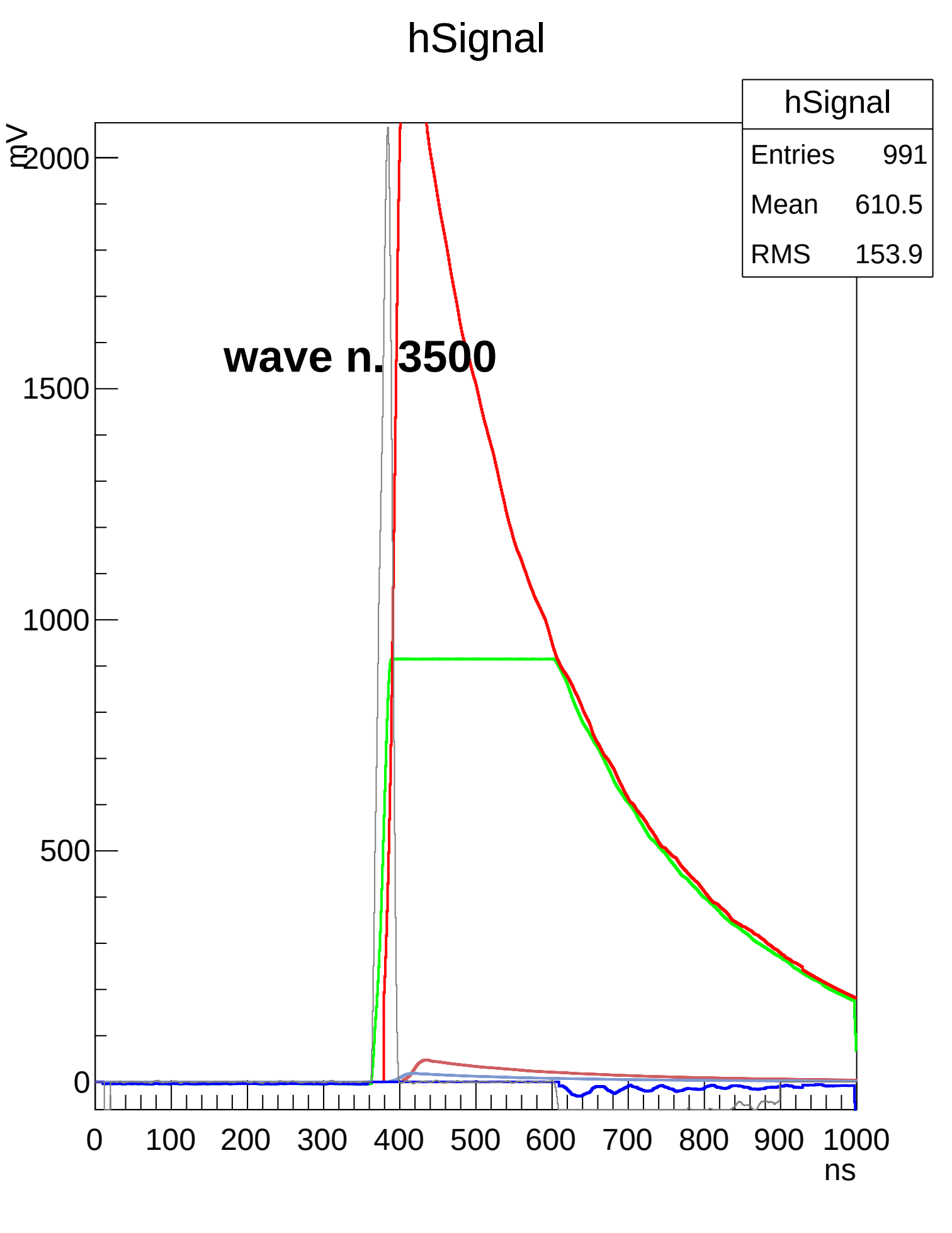
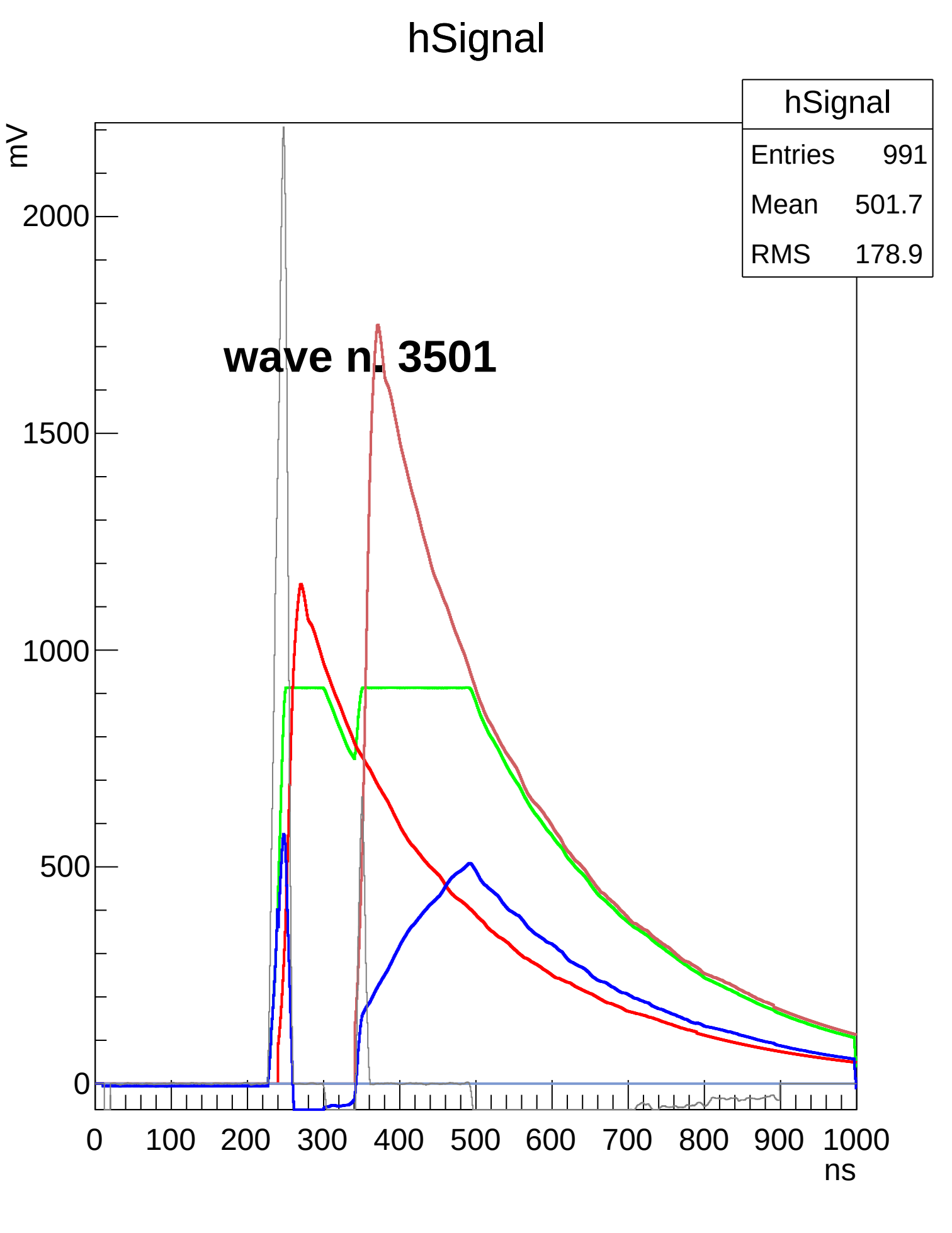
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 610.5
RMS 153.9
wave n. 3500
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 501.7
RMS 178.9
wave n. 3501
mV
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500
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0
100
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400
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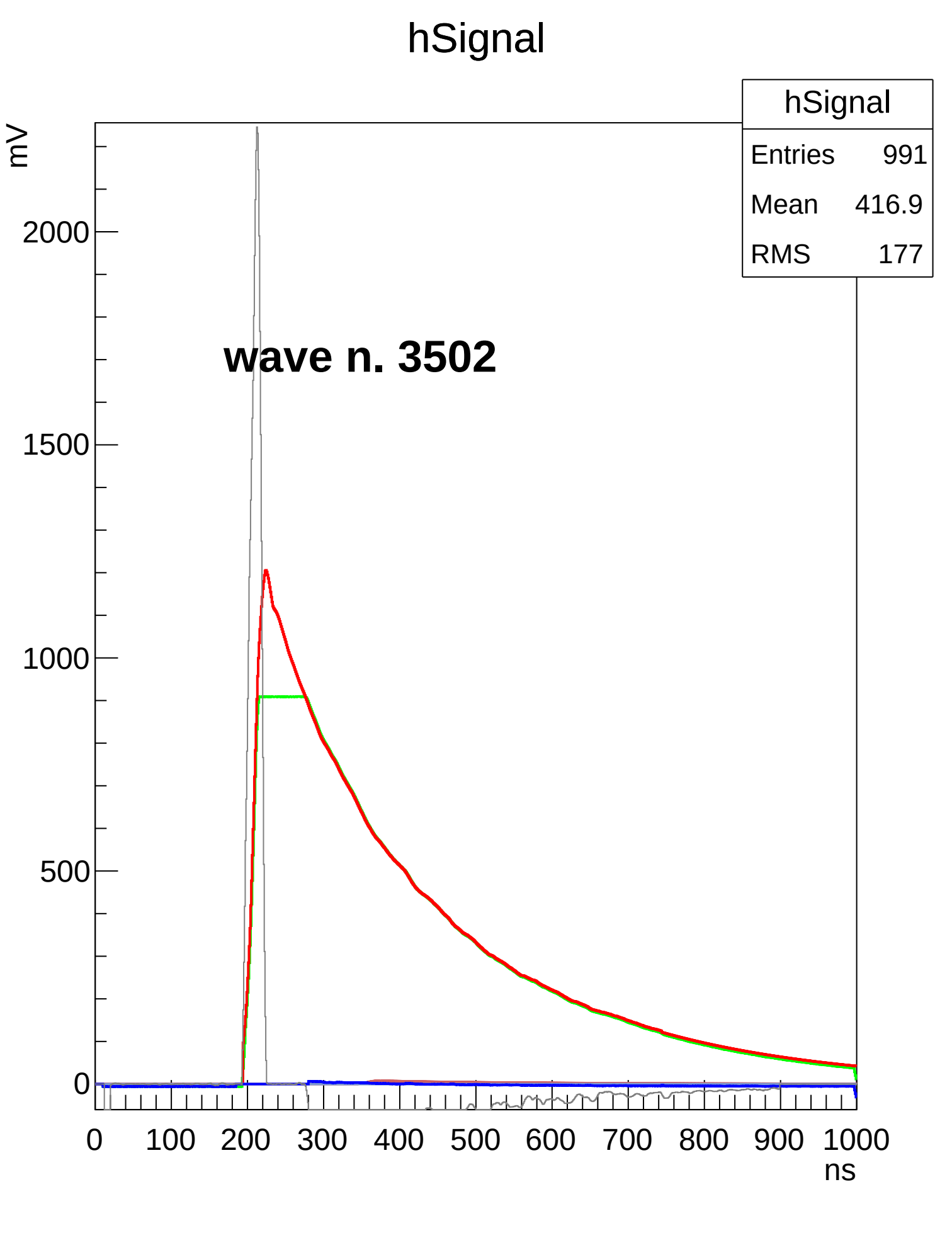
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 416.9
RMS 177
wave n. 3502
mV
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1500
1000
500
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0
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200
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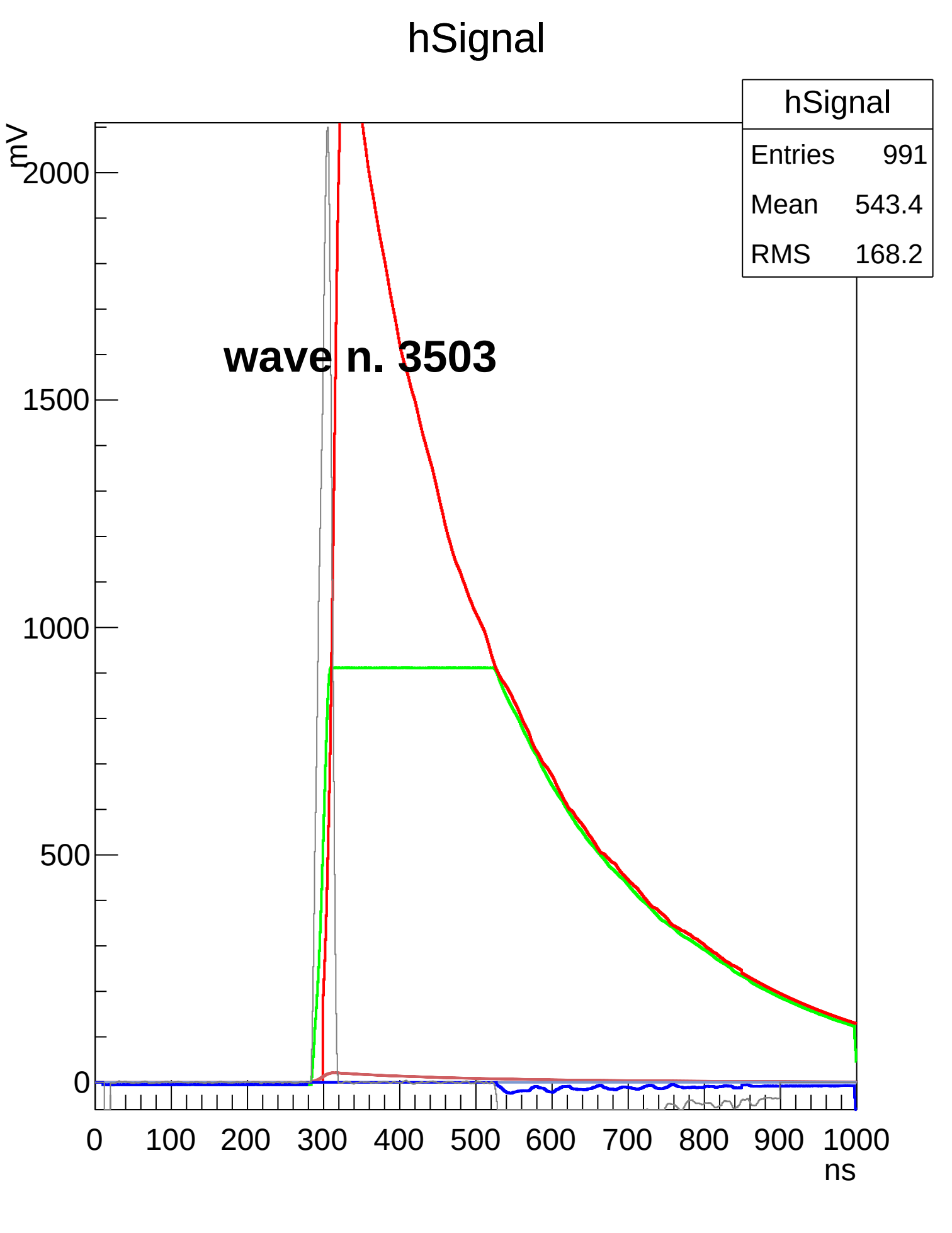
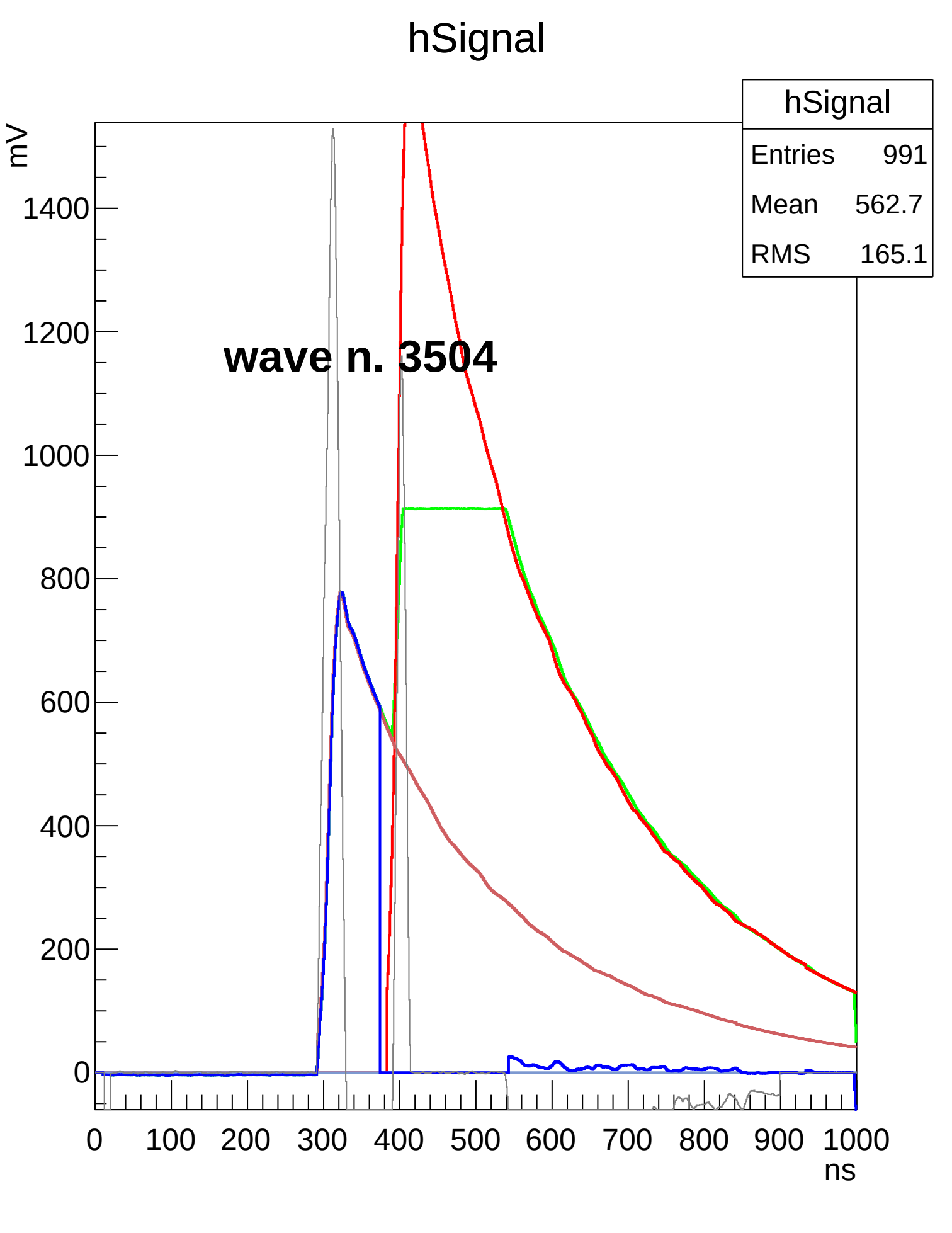
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 543.4
RMS 168.2
wave n. 3503
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 562.7
RMS 165.1
wave n. 3504
mV
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1200
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600
400
200
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0
100
200
300
400
500
600
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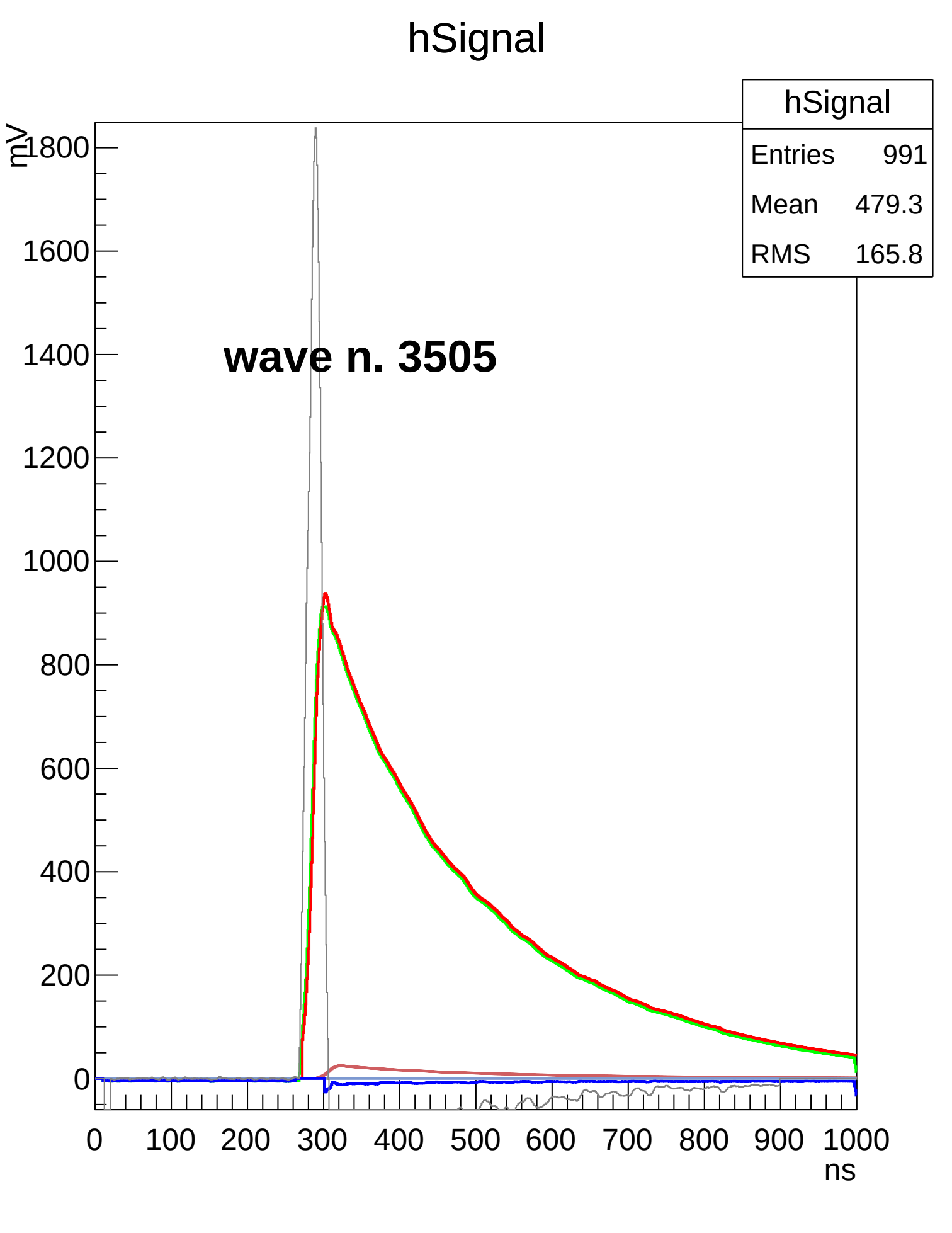
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 479.3
RMS 165.8
wave n. 3505
mV
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1600
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600
400
200
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800
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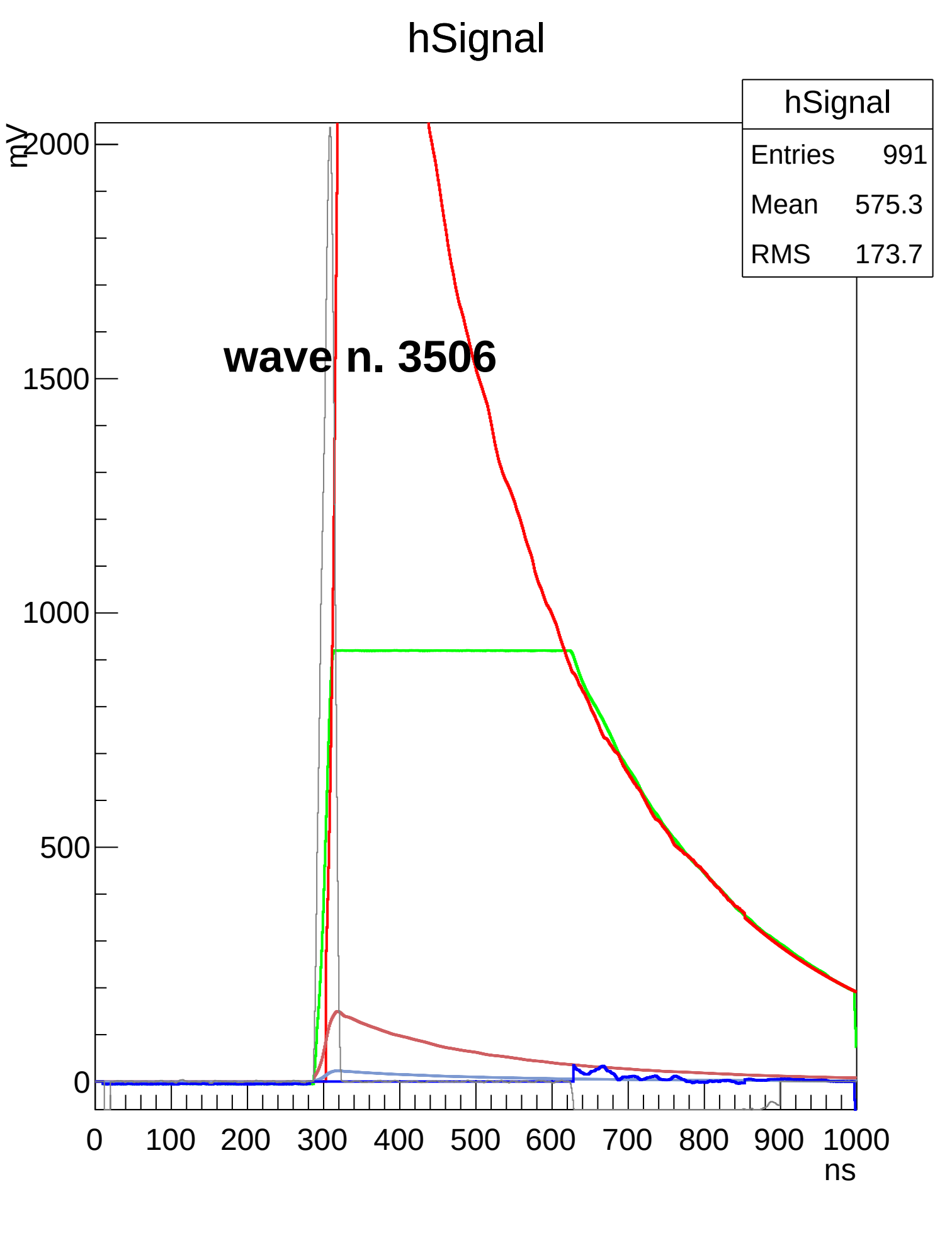
1000
ns


hSignal
hSignal
Entries 991
Mean 575.3
RMS 173.7
wave n. 3506
mV
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1000
500
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0
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400
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900
1000
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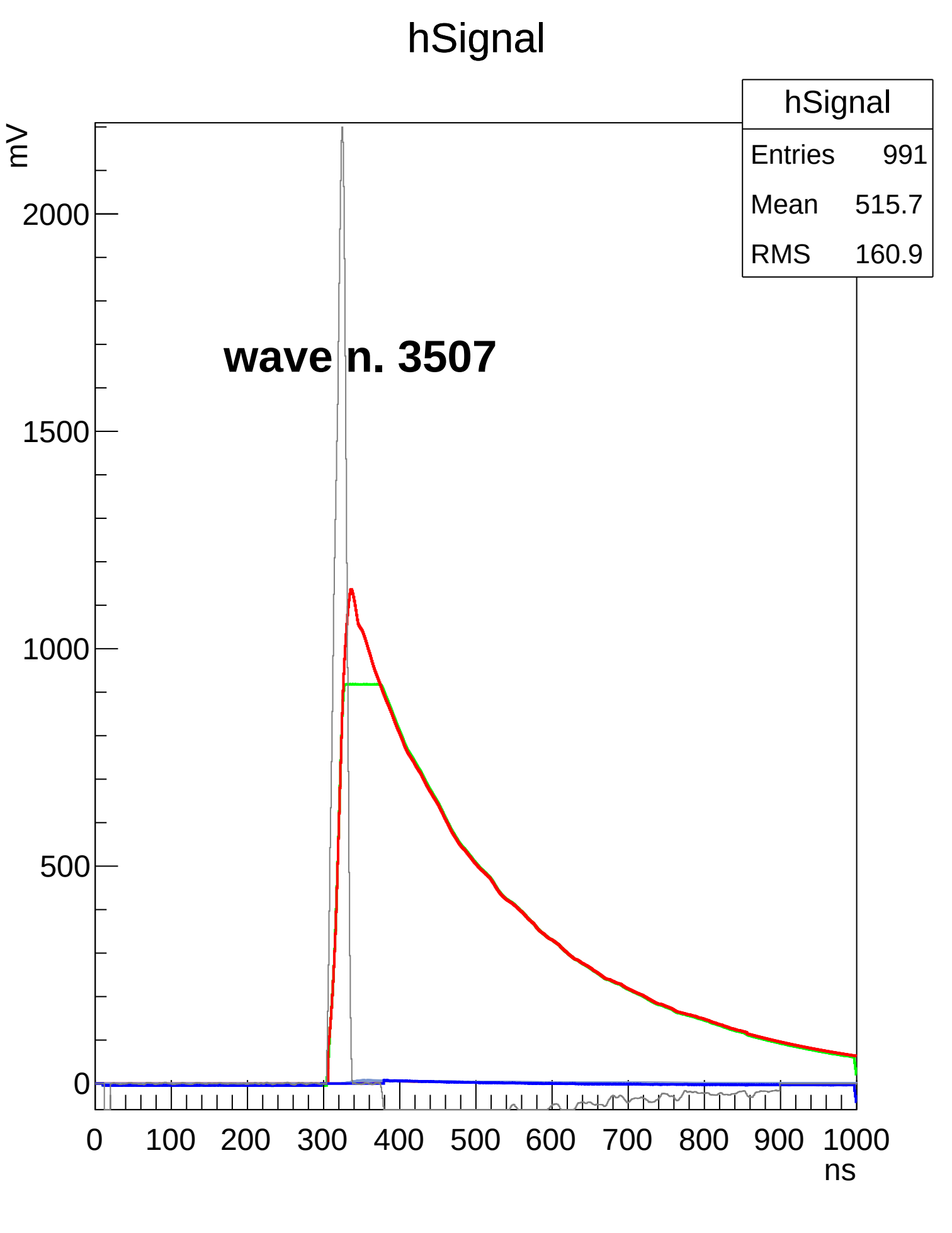
hSignal
hSignal
Entries 991
Mean 515.7
RMS 160.9
wave n. 3507
mV
2000
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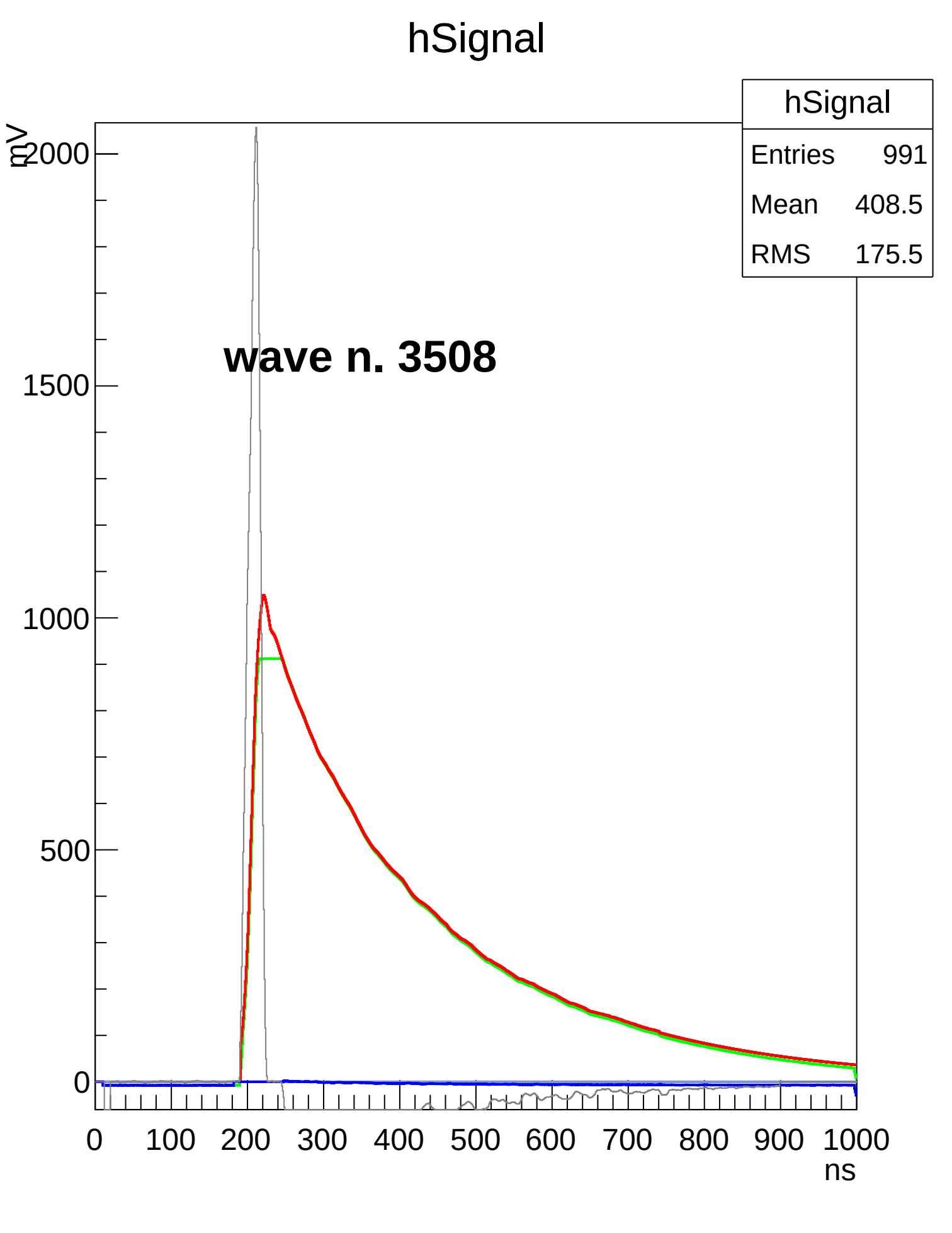
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 408.5
RMS 175.5
wave n. 3508
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400
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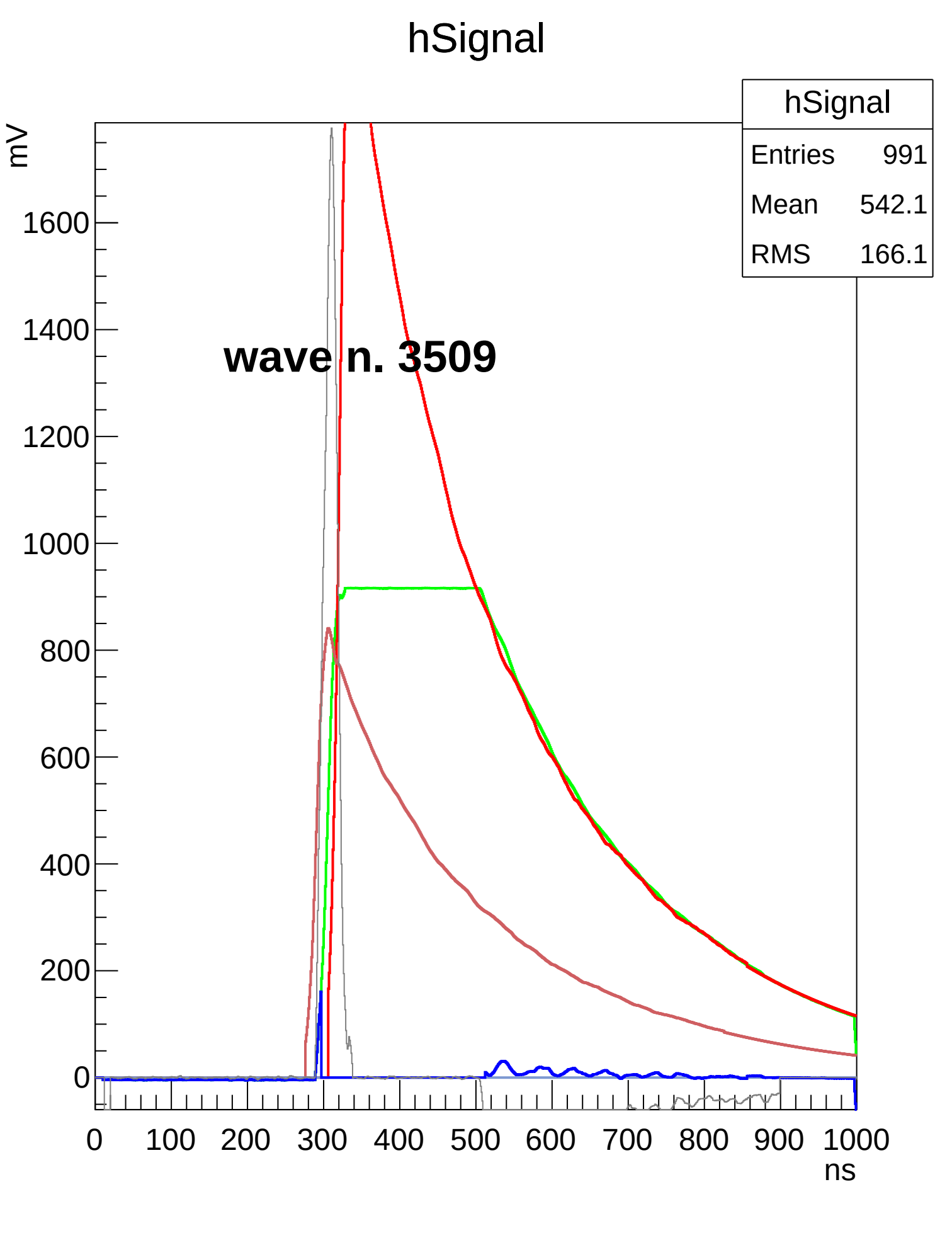
1000
ns


hSignal
hSignal
Entries 991
Mean 542.1
RMS 166.1
wave n. 3509
mV
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1200
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400
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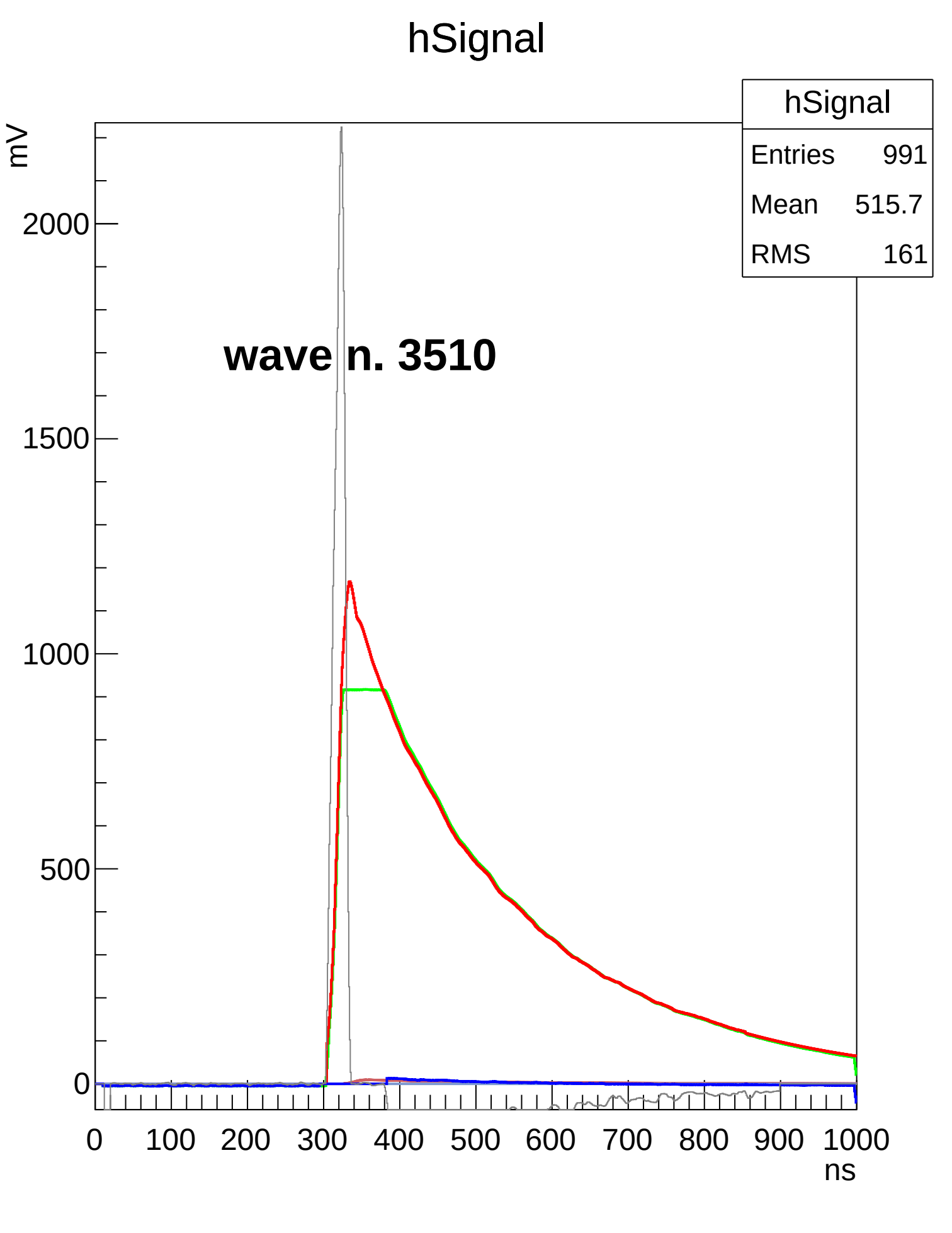
ns


hSignal
hSignal
Entries 991
Mean 515.7
RMS 161
wave n. 3510
mV
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500
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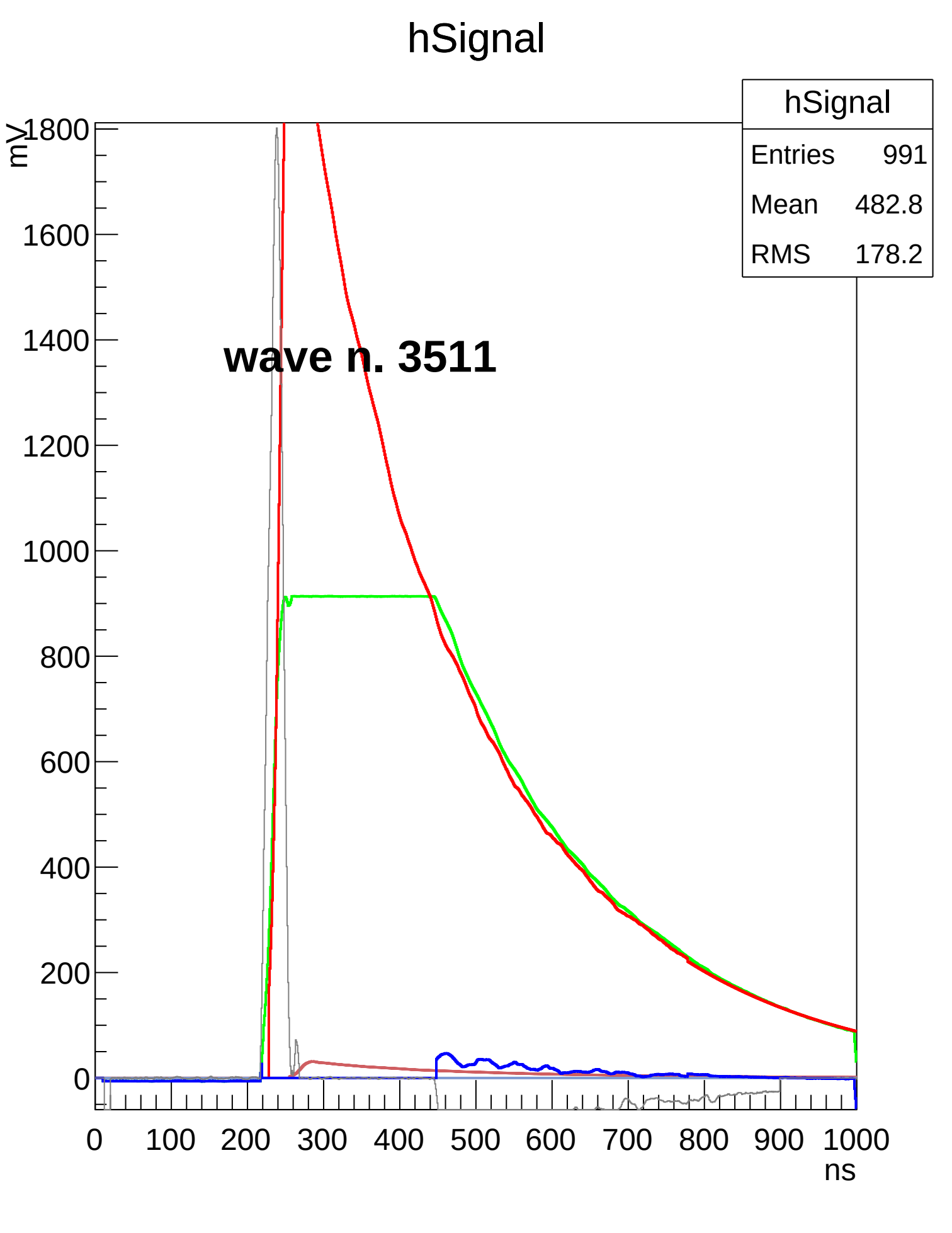
ns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hSignal
Entries 991
Mean 482.8
RMS 178.2
wave n. 3511
mV
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400
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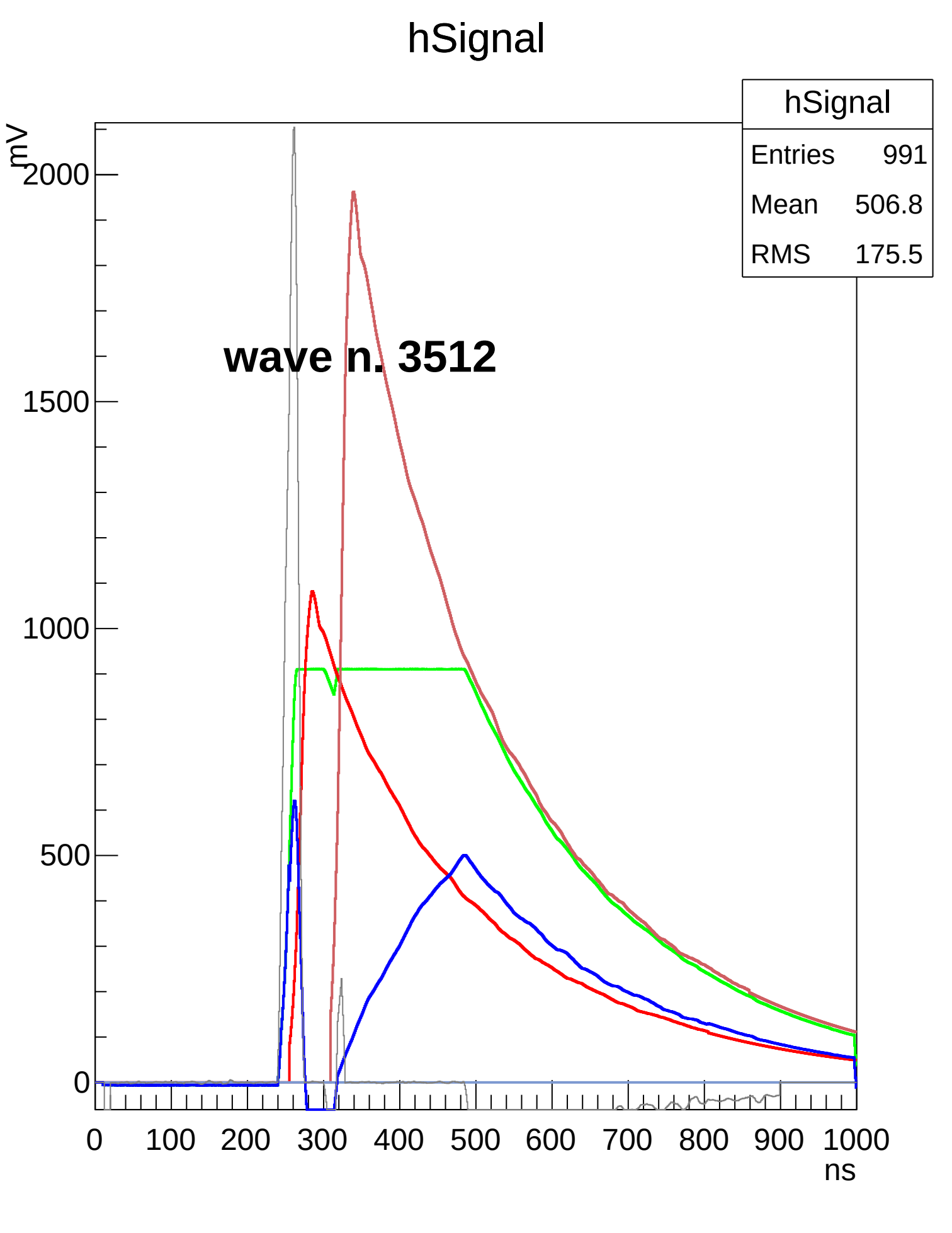
ns


hSignal
hSignal
Entries 991
Mean 506.8
RMS 175.5
wave n. 3512
mV
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1000
500
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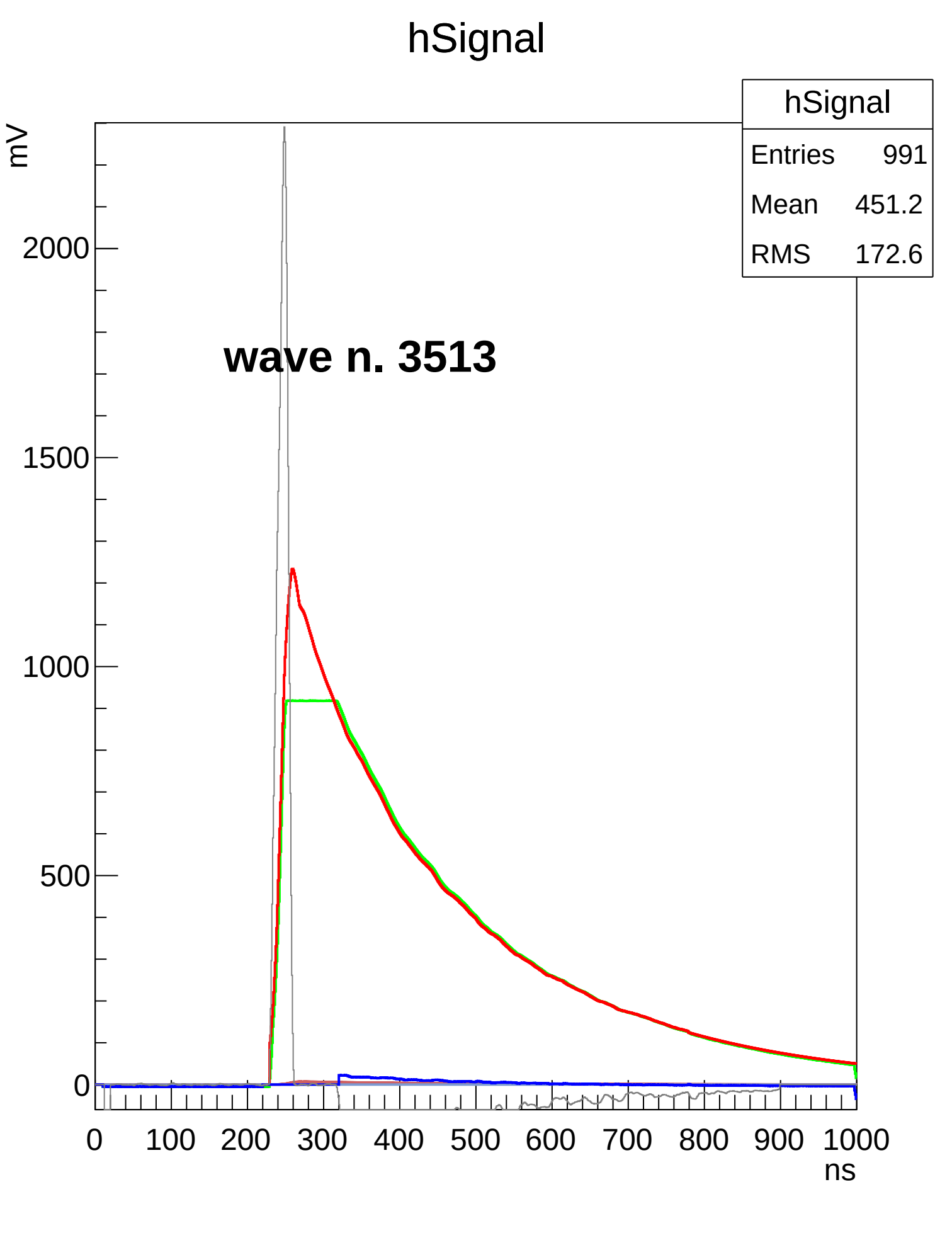
ns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hSignal
Entries 991
Mean 451.2
RMS 172.6
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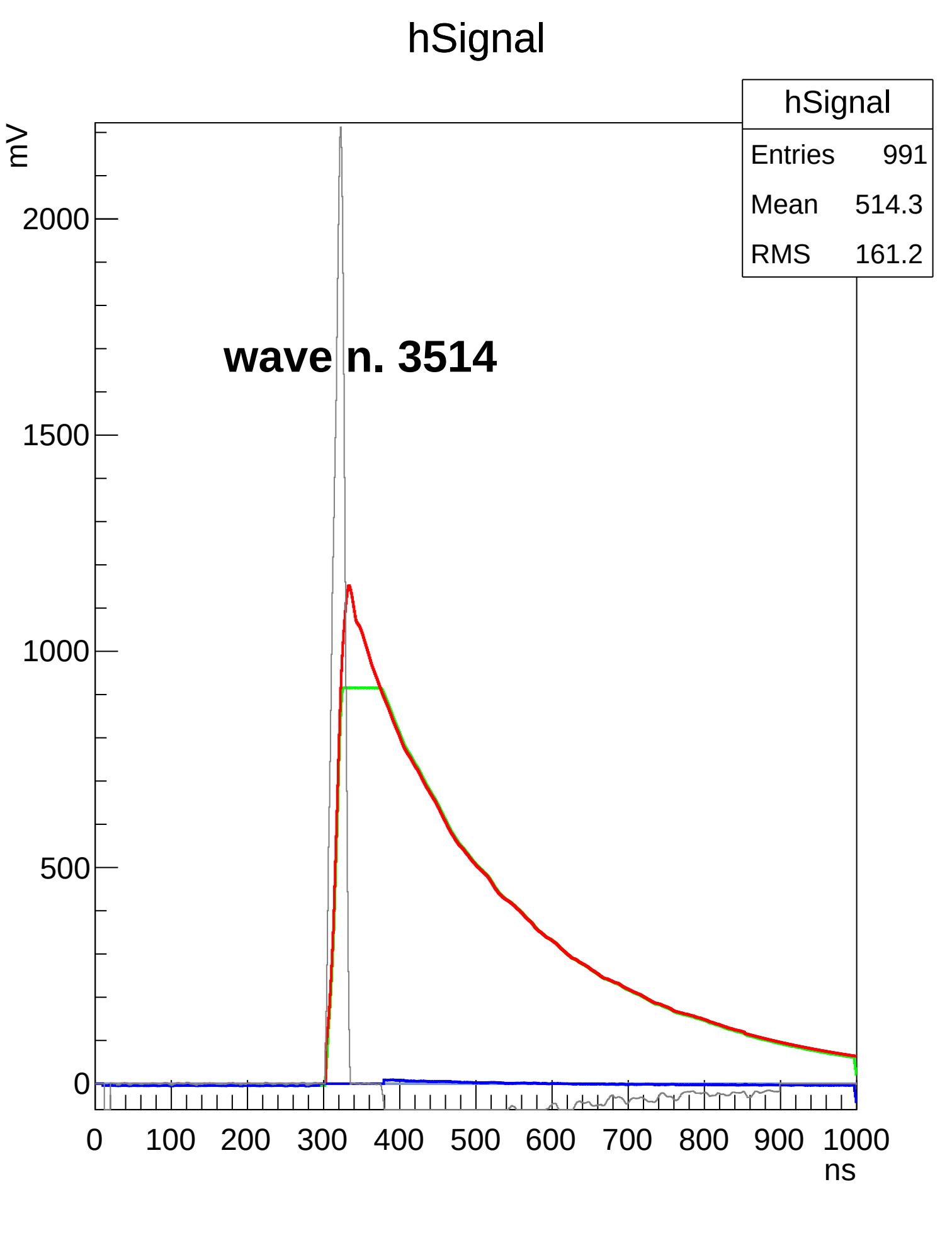
hSignal
hSignal
Entries 991
Mean 514.3
RMS 161.2
wave n. 3514
mV
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1000
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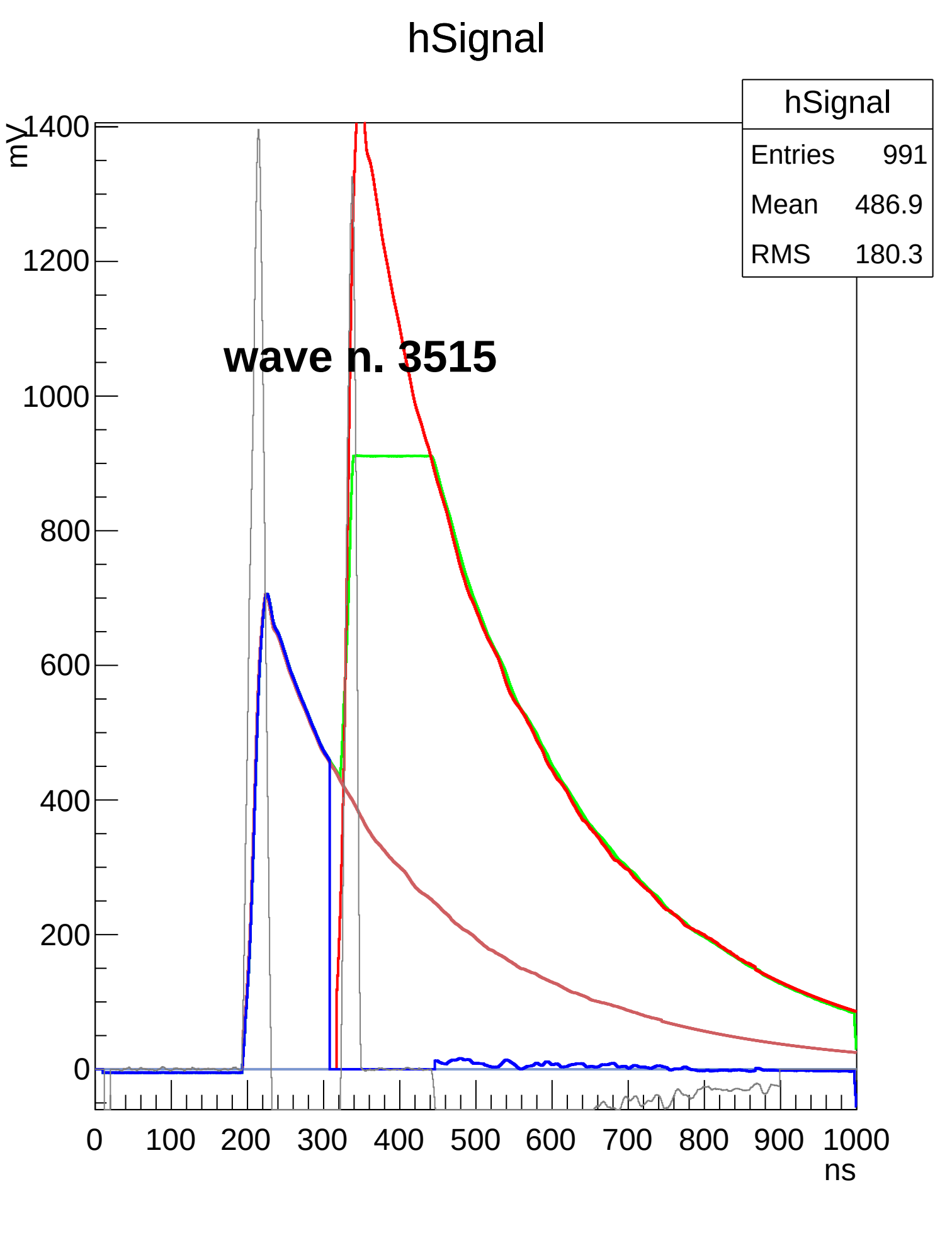
hSignal
hSignal
Entries 991
Mean 486.9
RMS 180.3
wave n. 3515
mV
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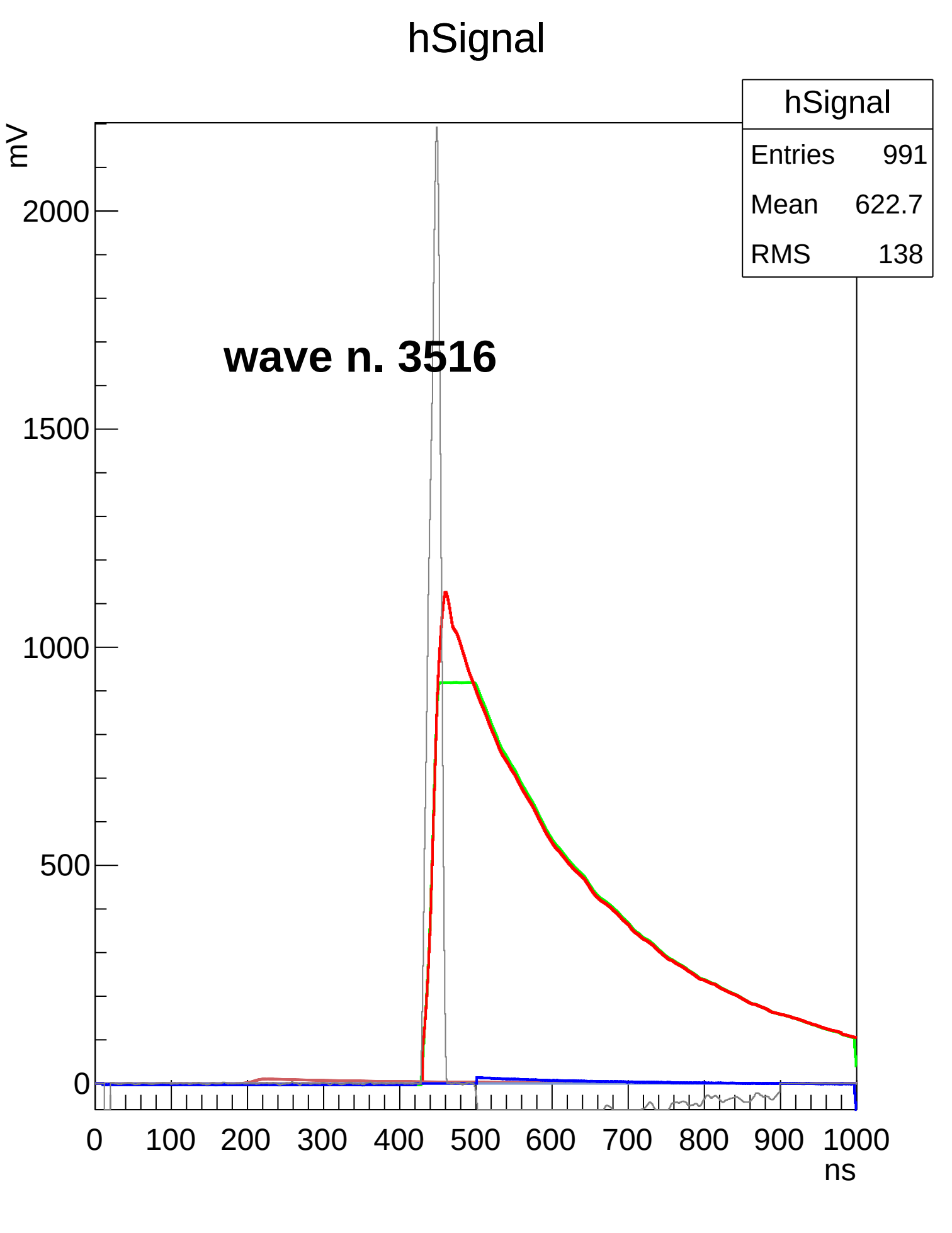
hSignal
hSignal
Entries 991
Mean 622.7
RMS 138
wave n. 3516
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1000
500
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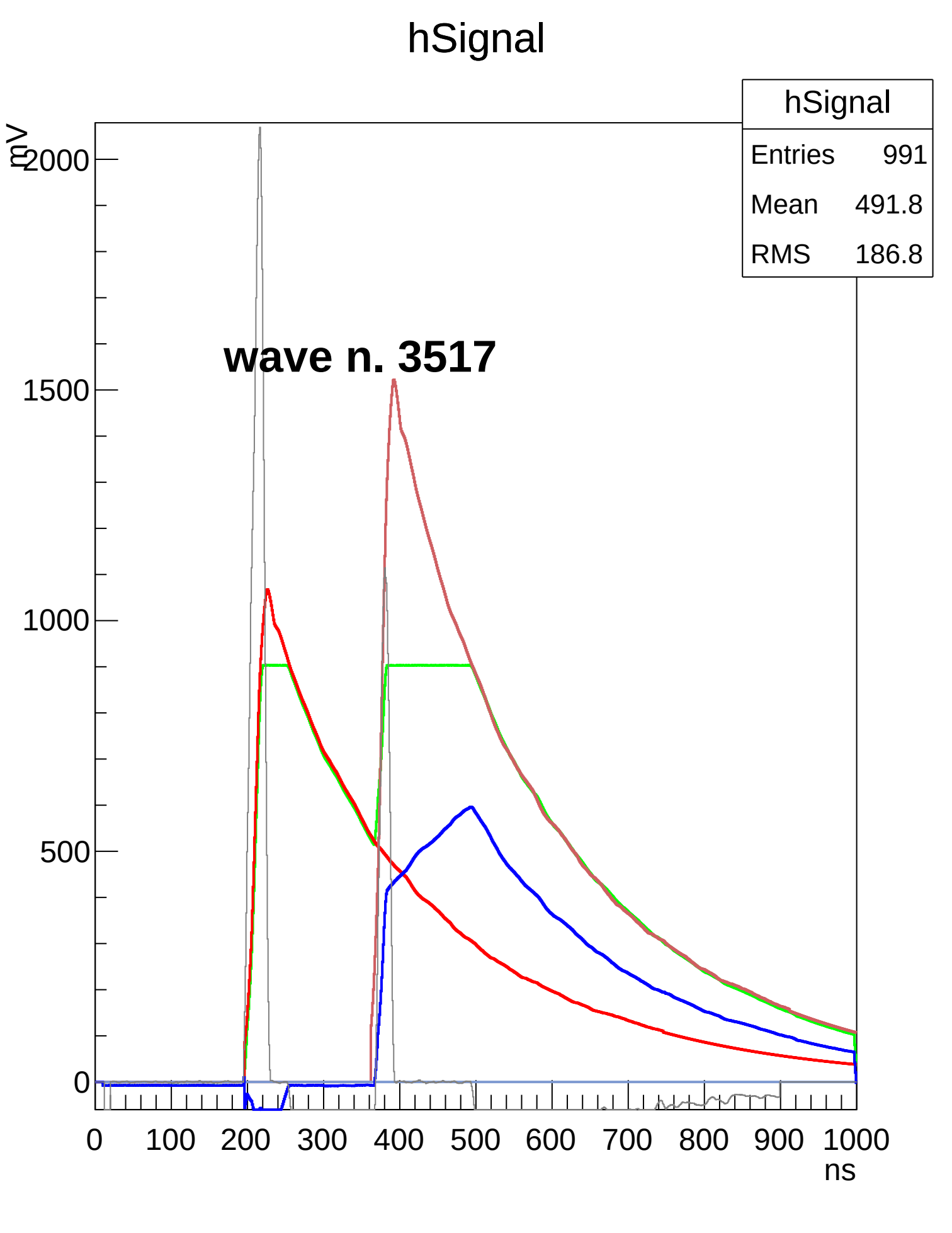
ns


hSignal
hSignal
Entries 991
Mean 491.8
RMS 186.8
wave n. 3517
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1000
500
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0
100
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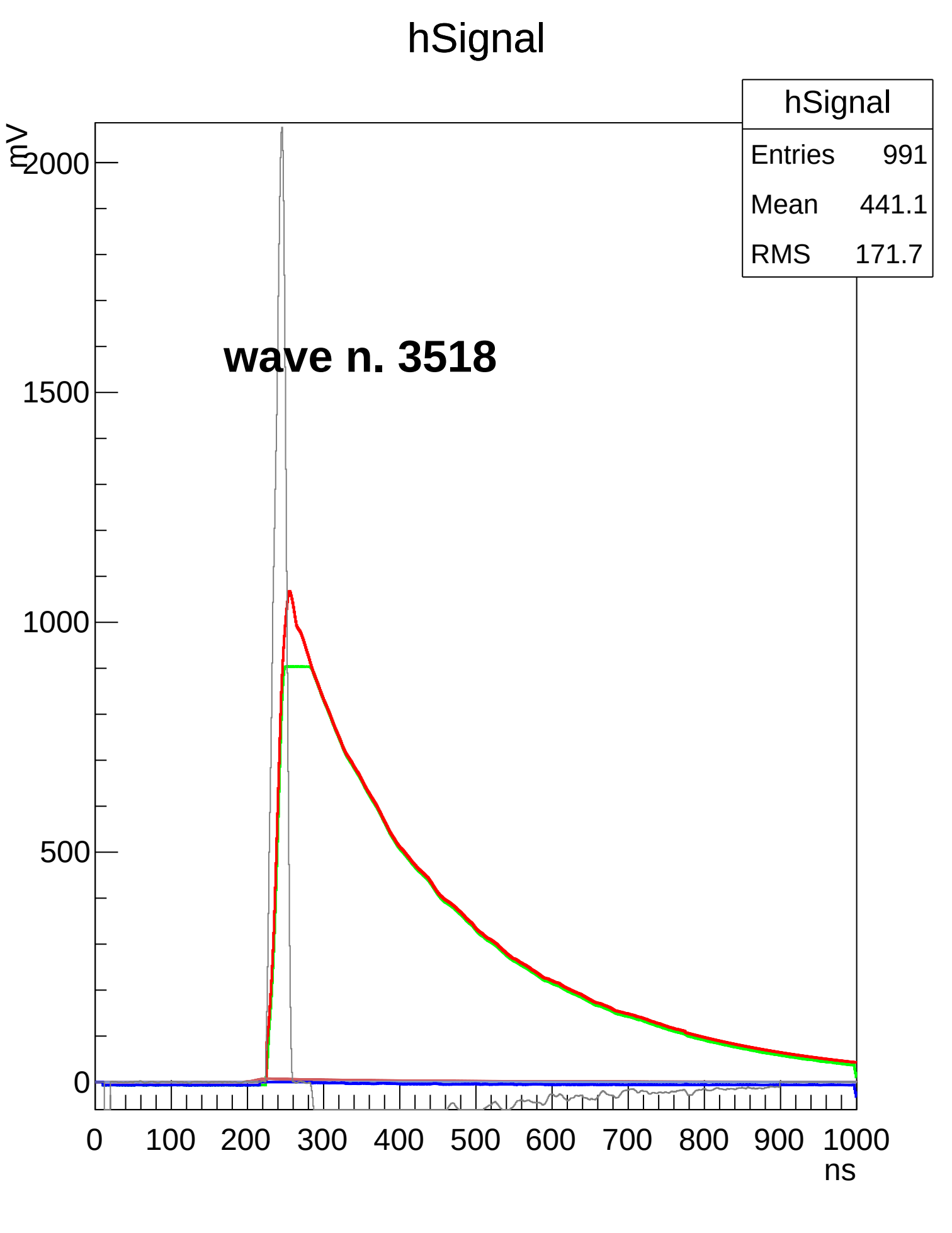
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 441.1
RMS 171.7
wave n. 3518
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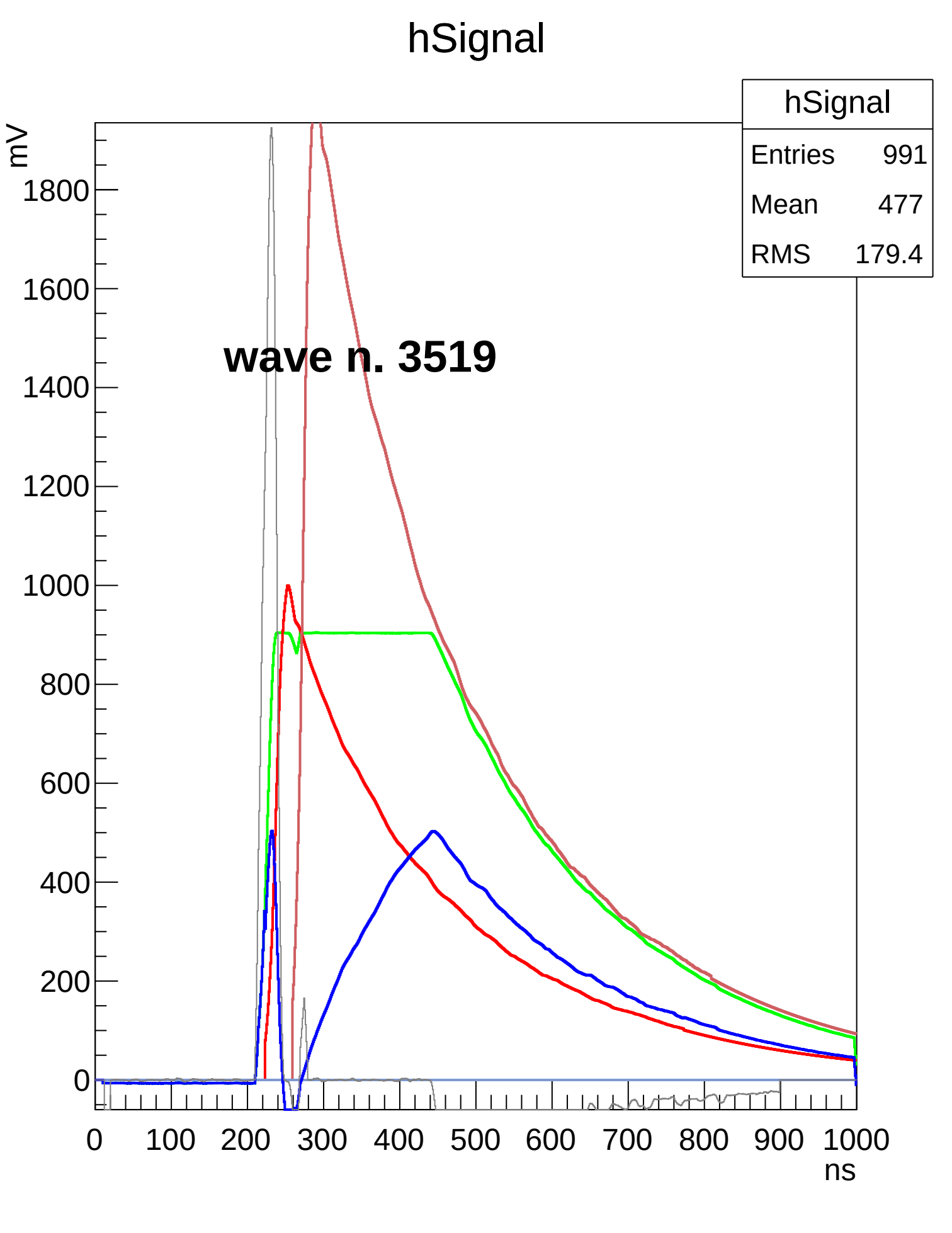
900
1000
ns


hSignal
hSignal
Entries 991
Mean 477
RMS 179.4
wave n. 3519
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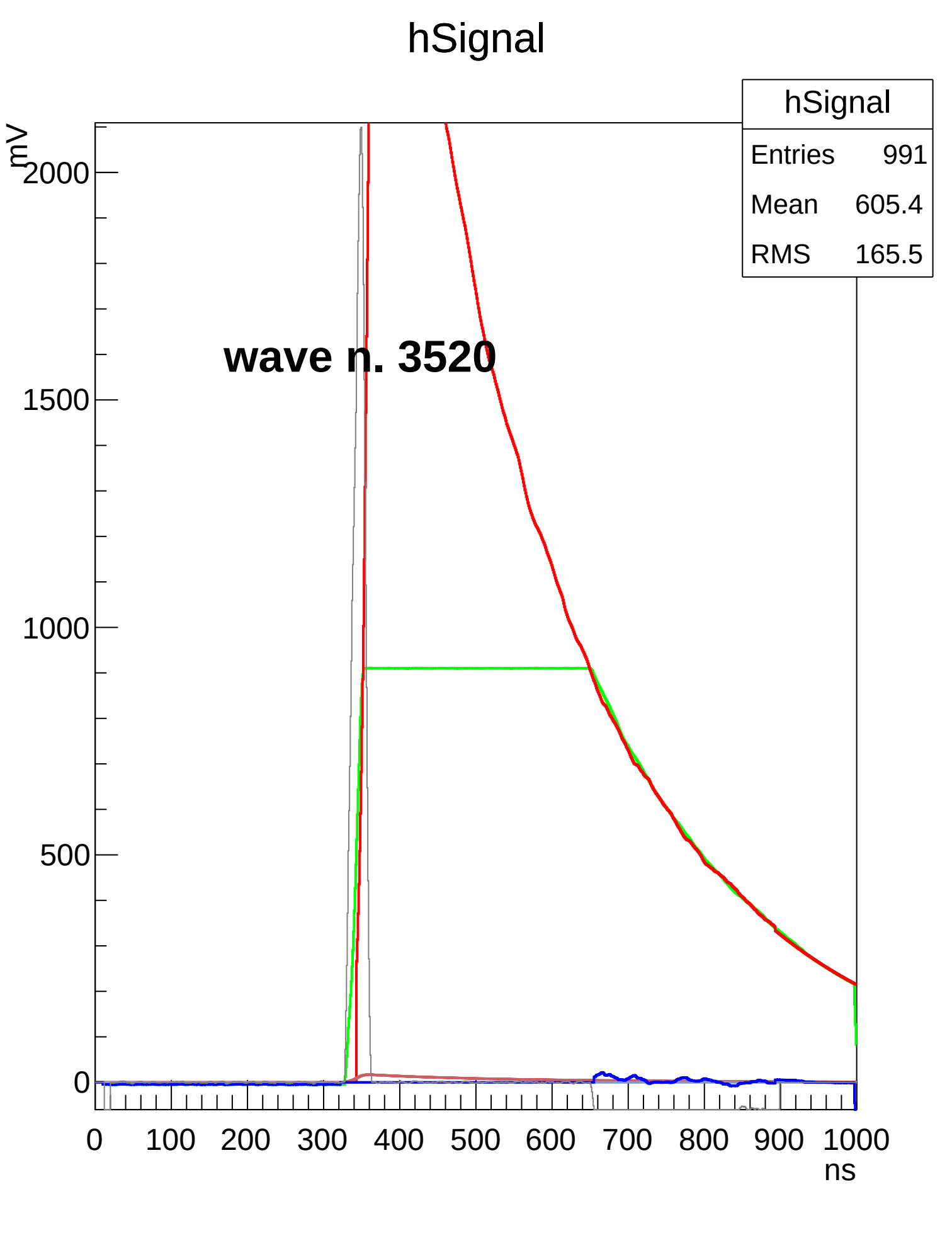
ns


hSignal
hSignal
Entries 991
Mean 605.4
RMS 165.5
wave n. 3520
mV
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1500
1000
500
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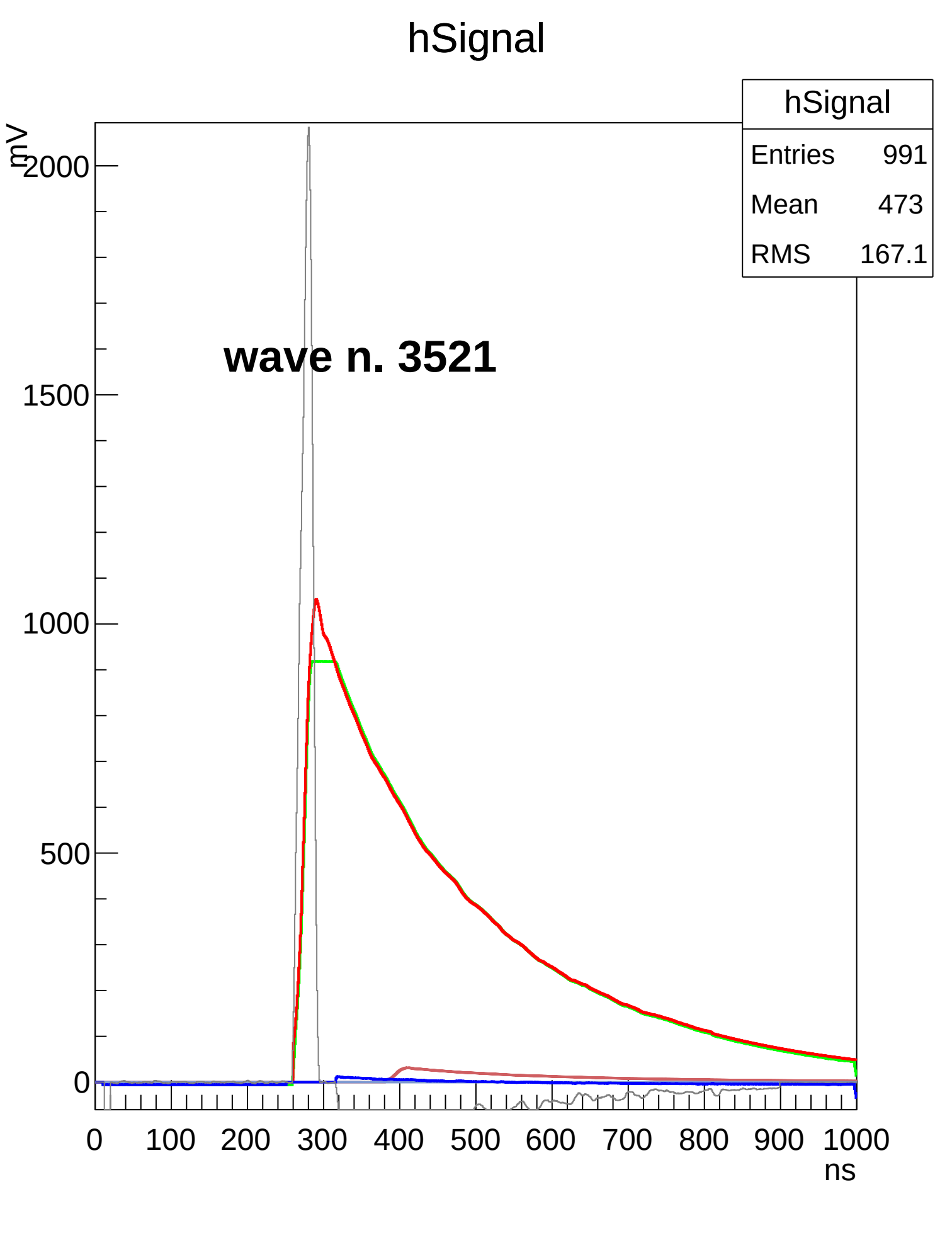
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 473
RMS 167.1
wave n. 3521
mV
2000
1500
1000
500
0
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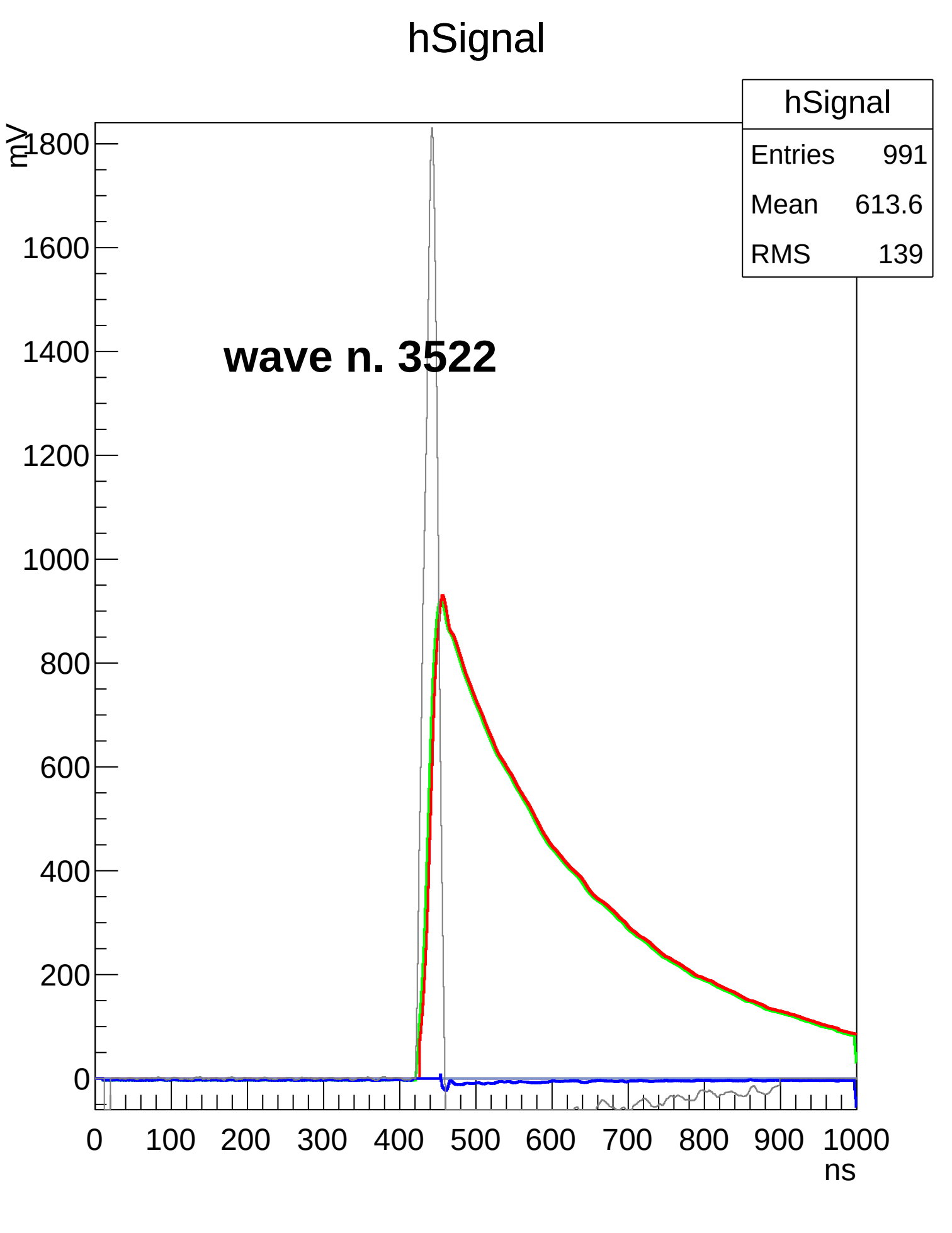
ns


hSignal
hSignal
Entries 991
Mean 613.6
RMS 139
wave n. 3522
mV
1800
1600
1400
1200
1000
800
600
400
200
0
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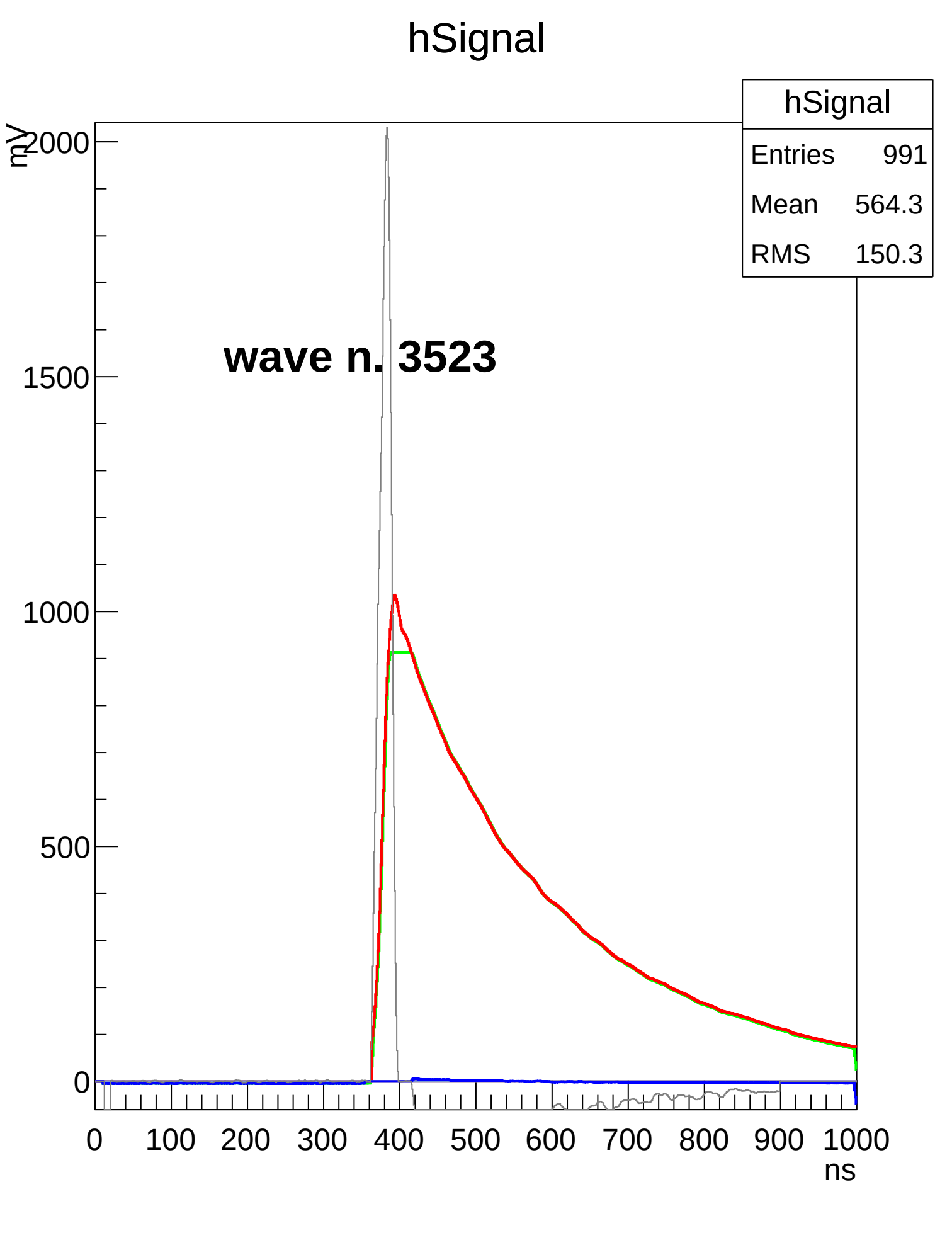
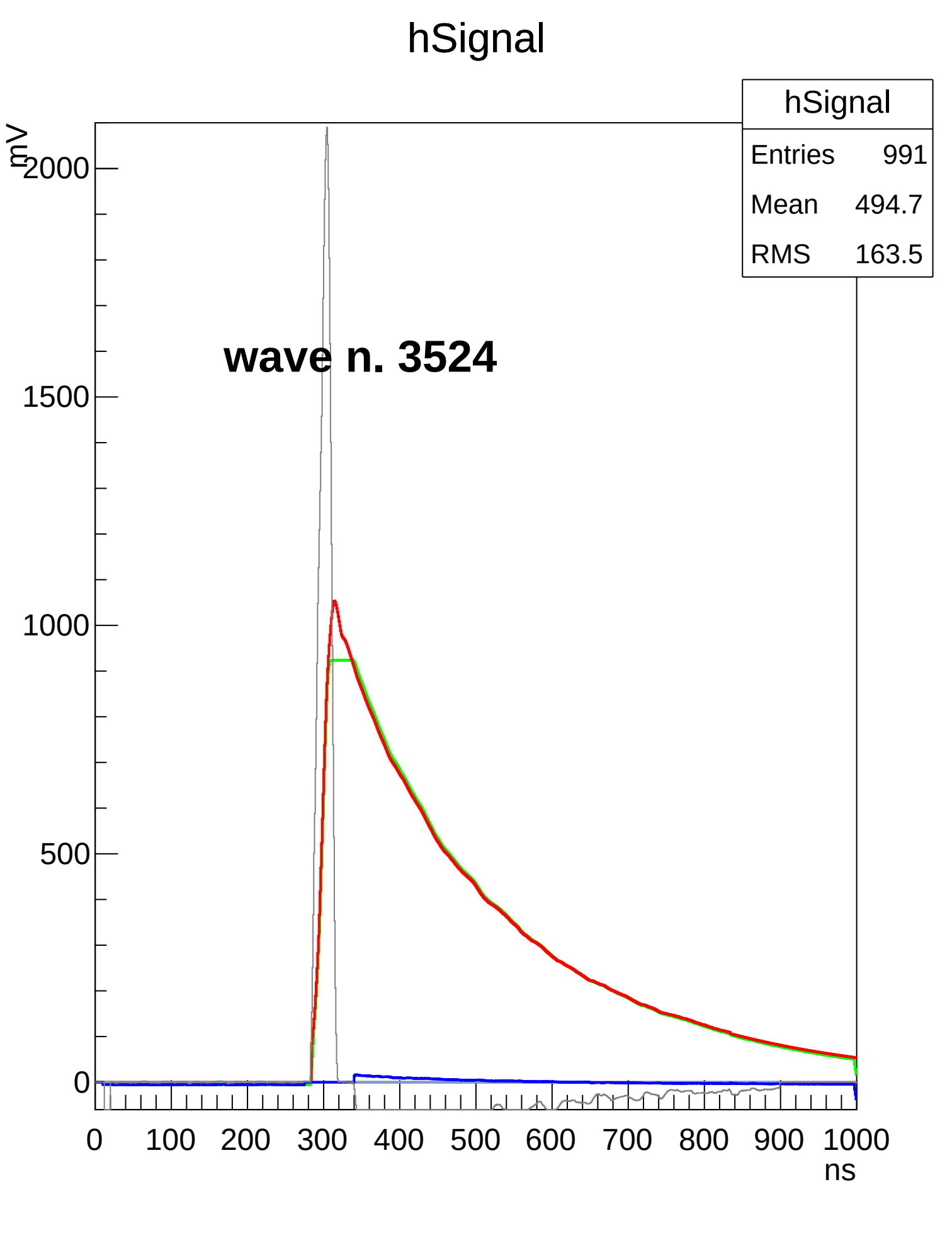
ns


hSignal
hSignal
Entries 991
Mean 564.3
RMS 150.3
wave n. 3523
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
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Entries 991
Mean 494.7
RMS 163.5
wave n. 3524
mV
2000
1500
1000
500
0
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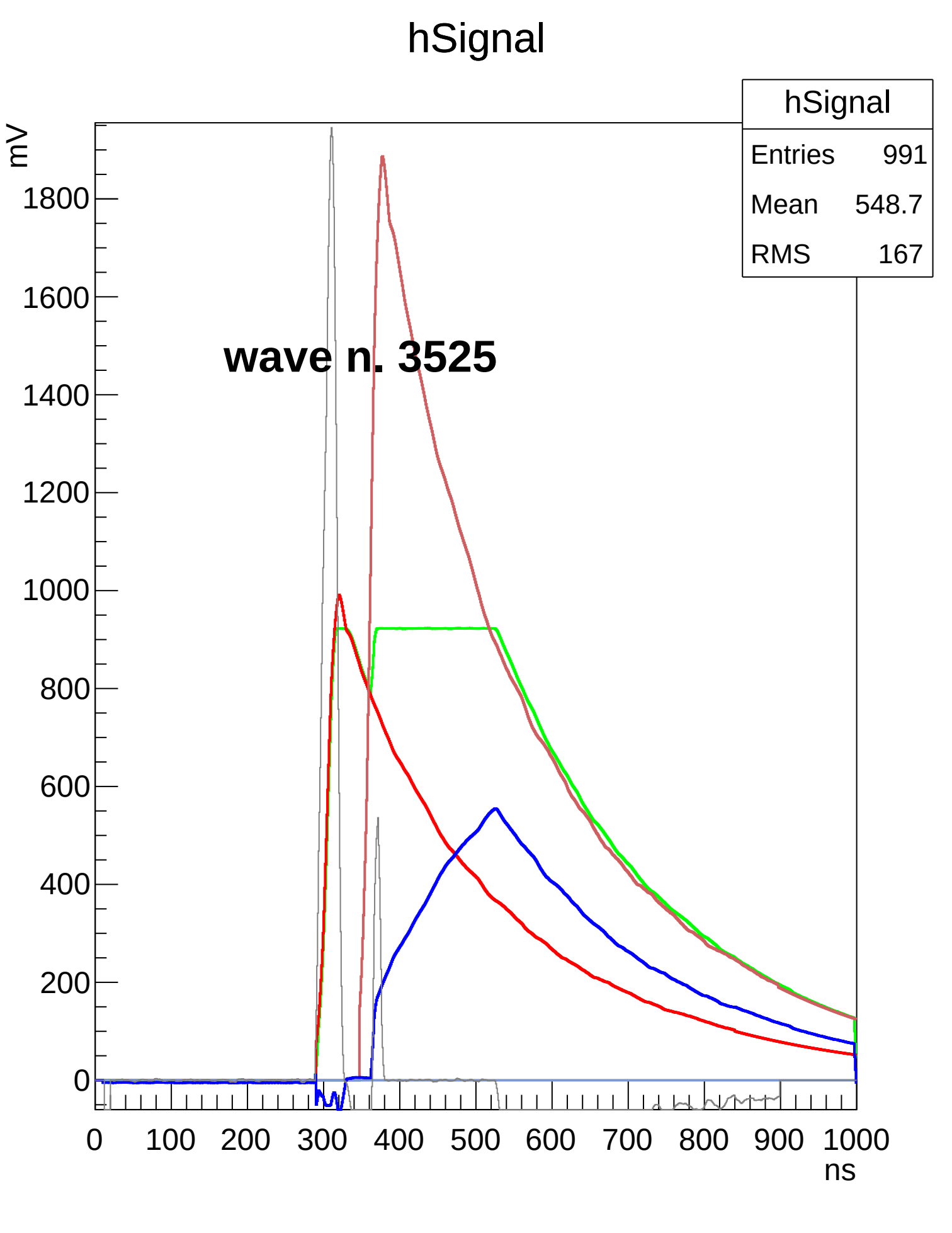
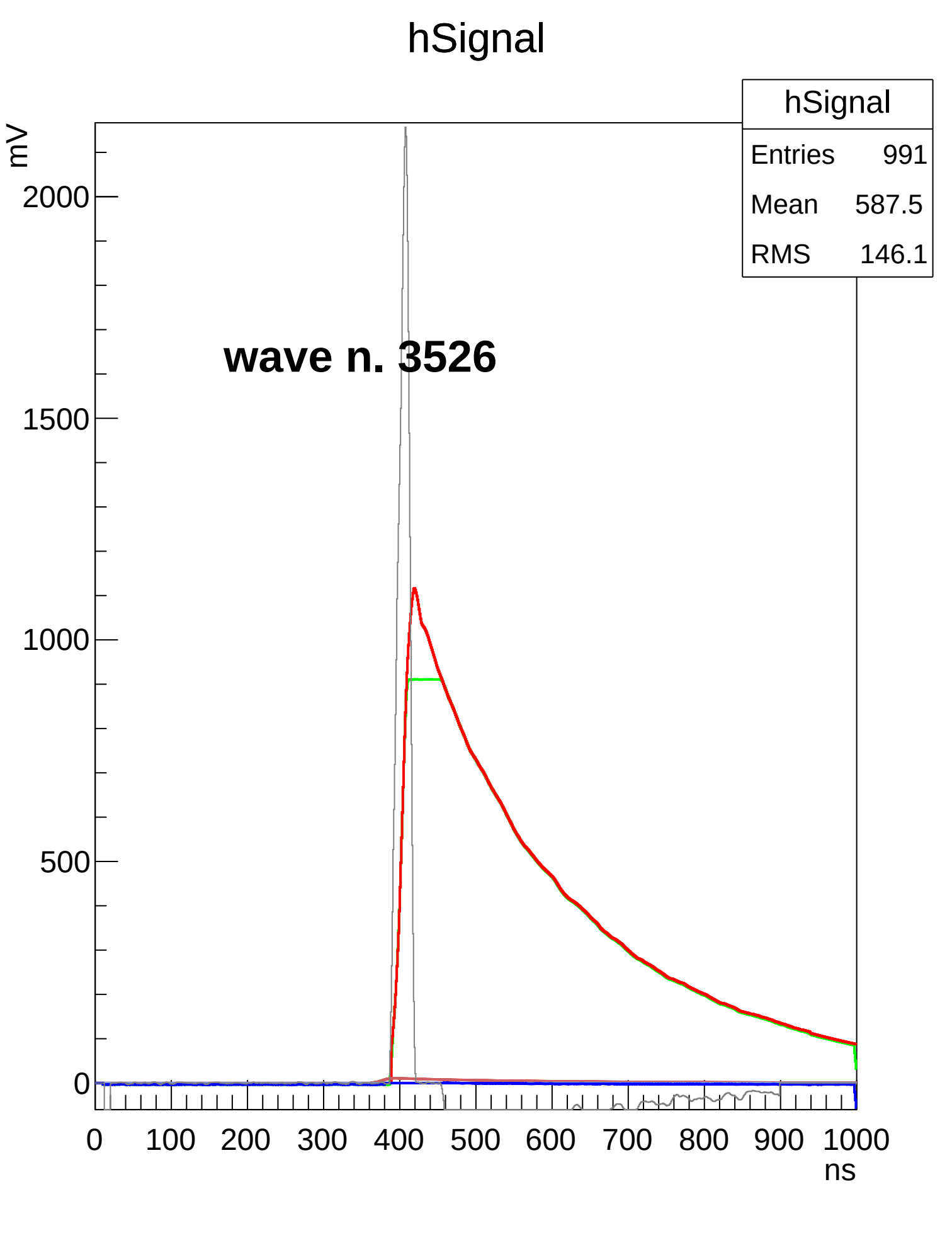
ns


hSignal
hSignal
Entries 991
Mean 548.7
RMS 167
wave n. 3525
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 587.5
RMS 146.1
wave n. 3526
mV
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1500
1000
500
0
0
100
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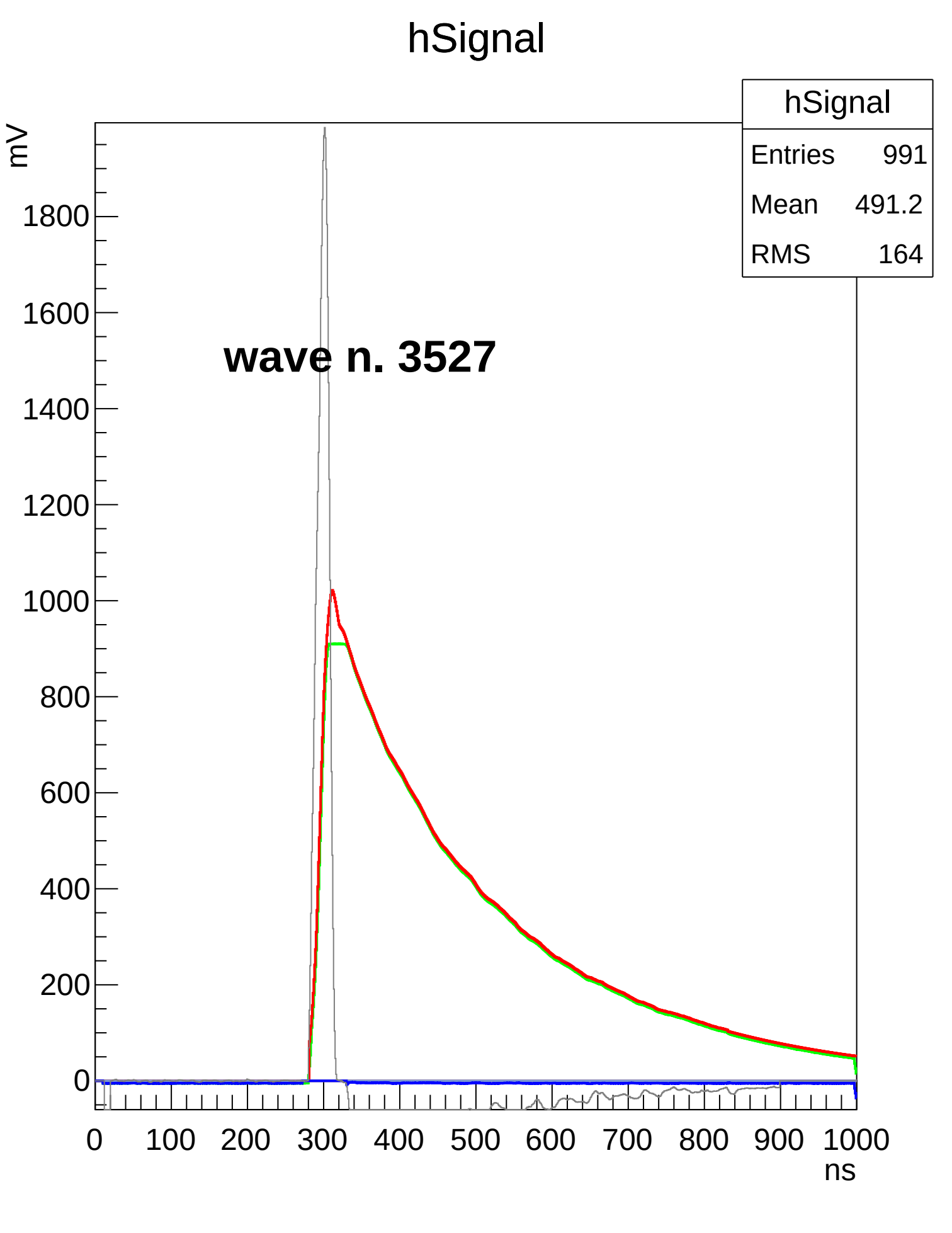
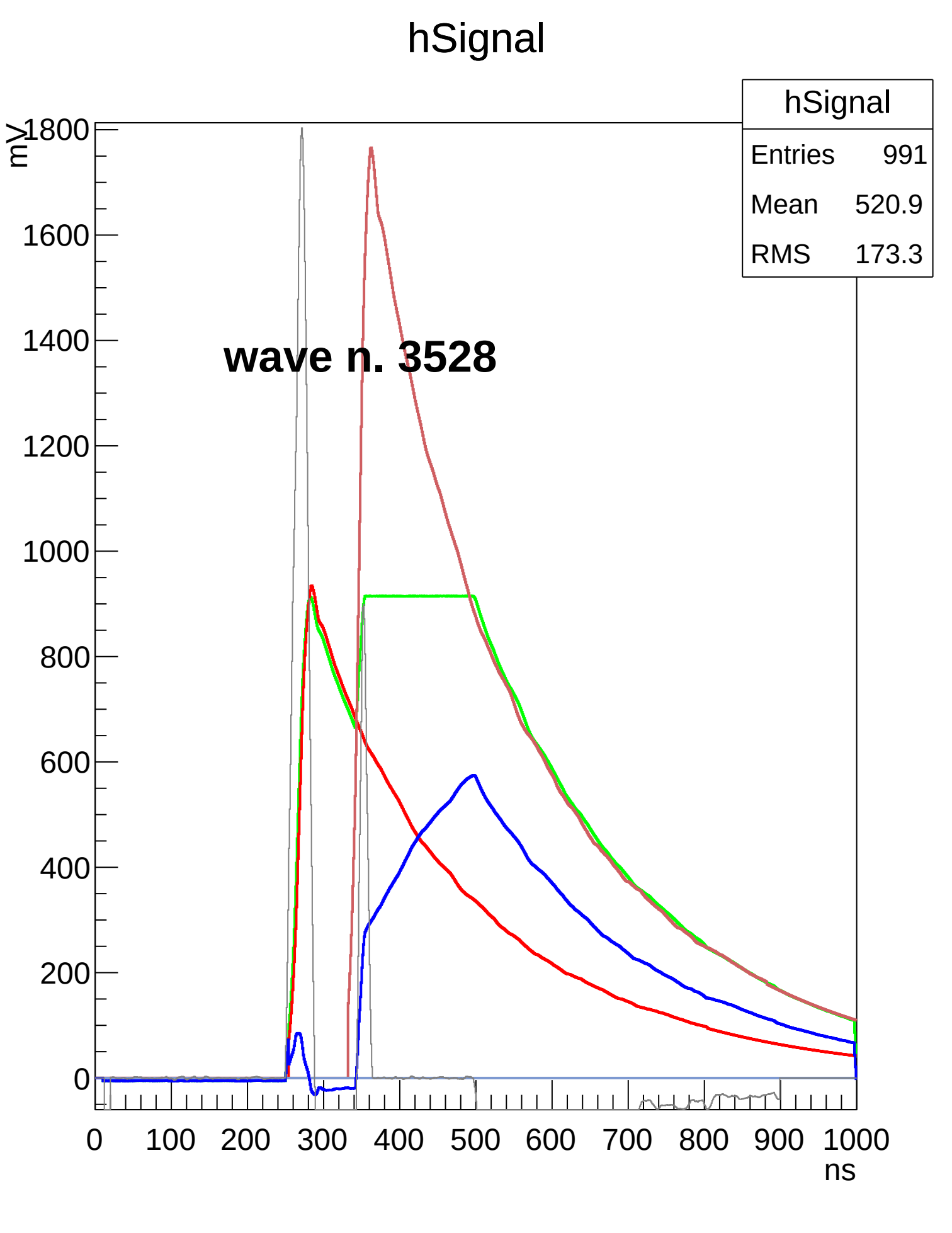
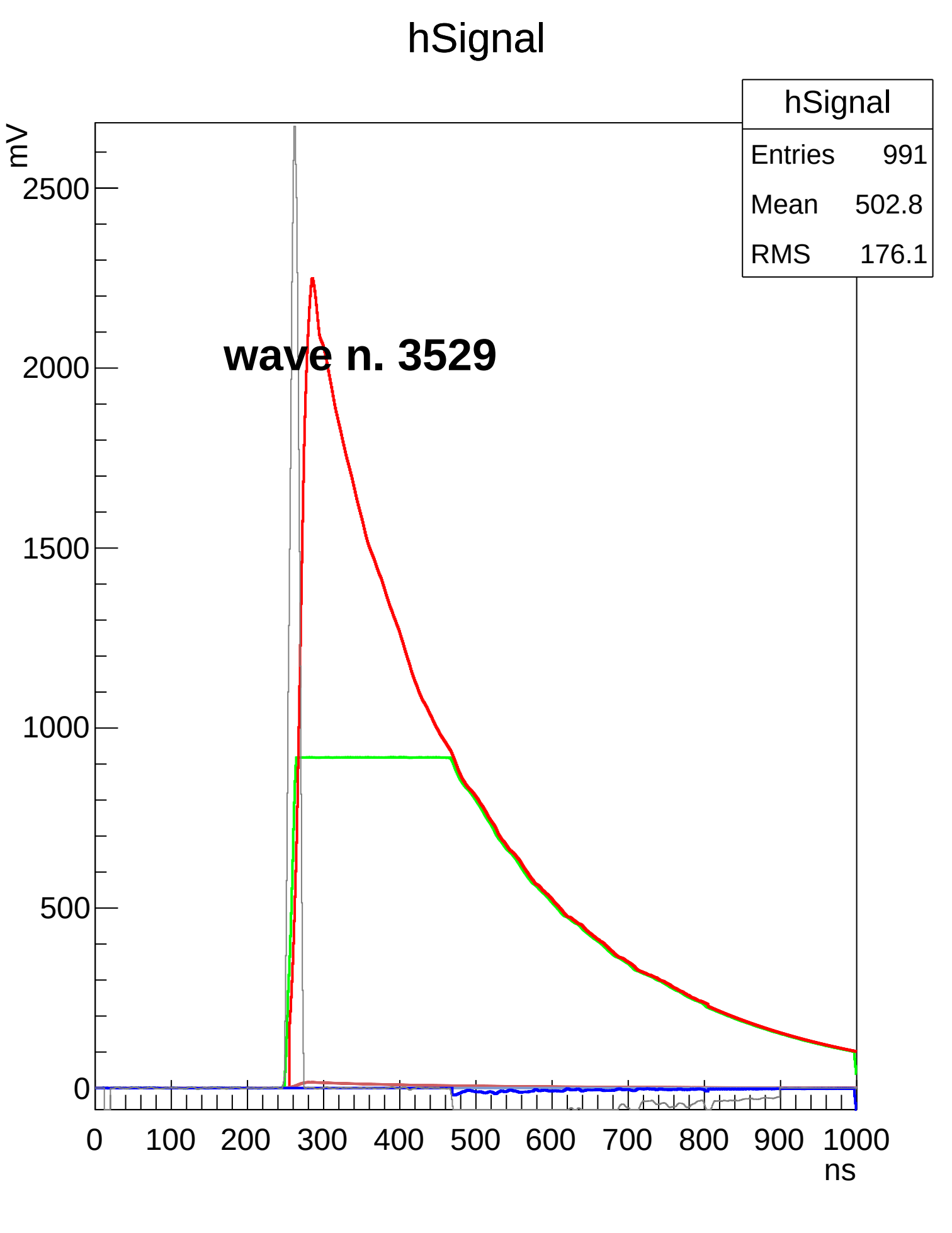
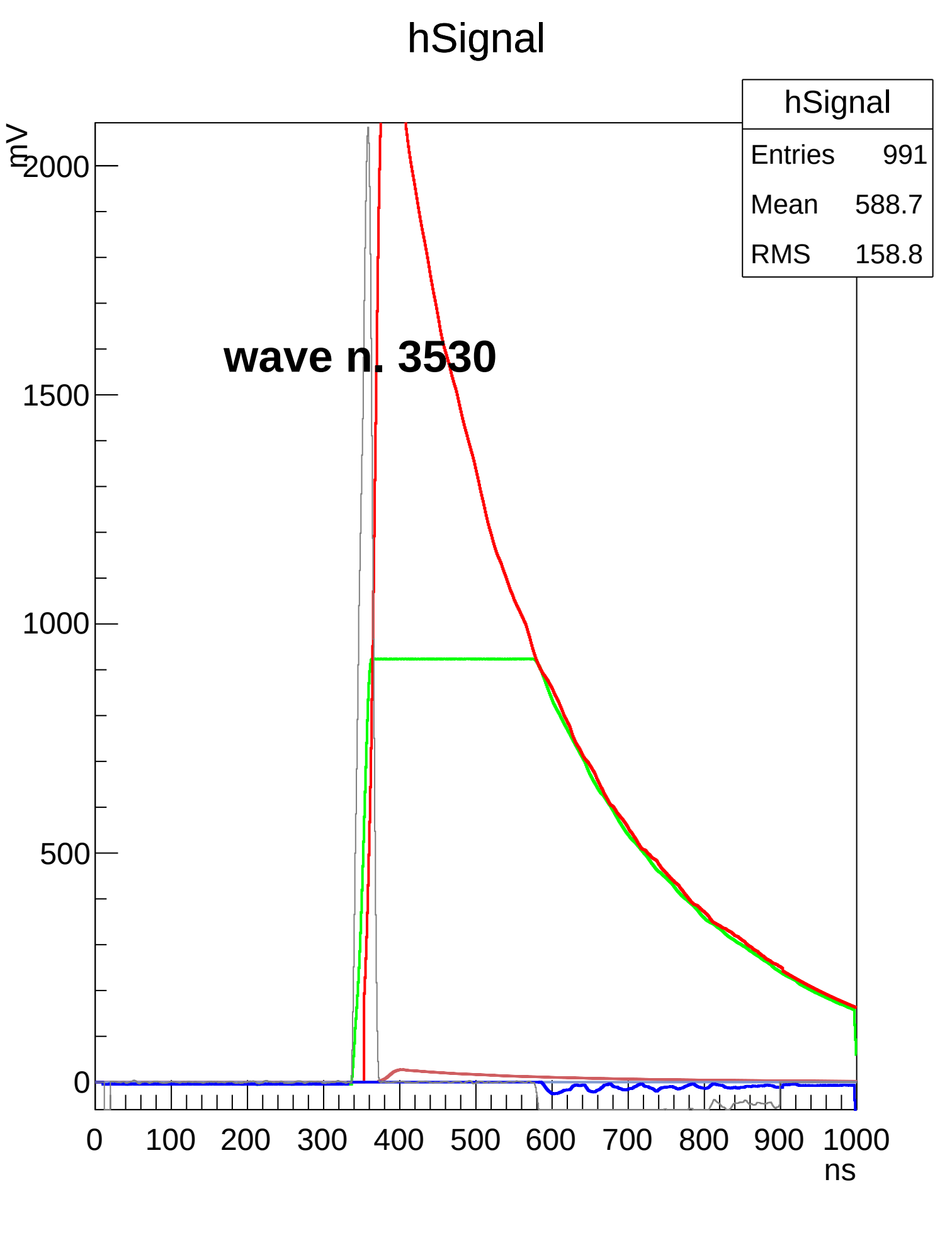
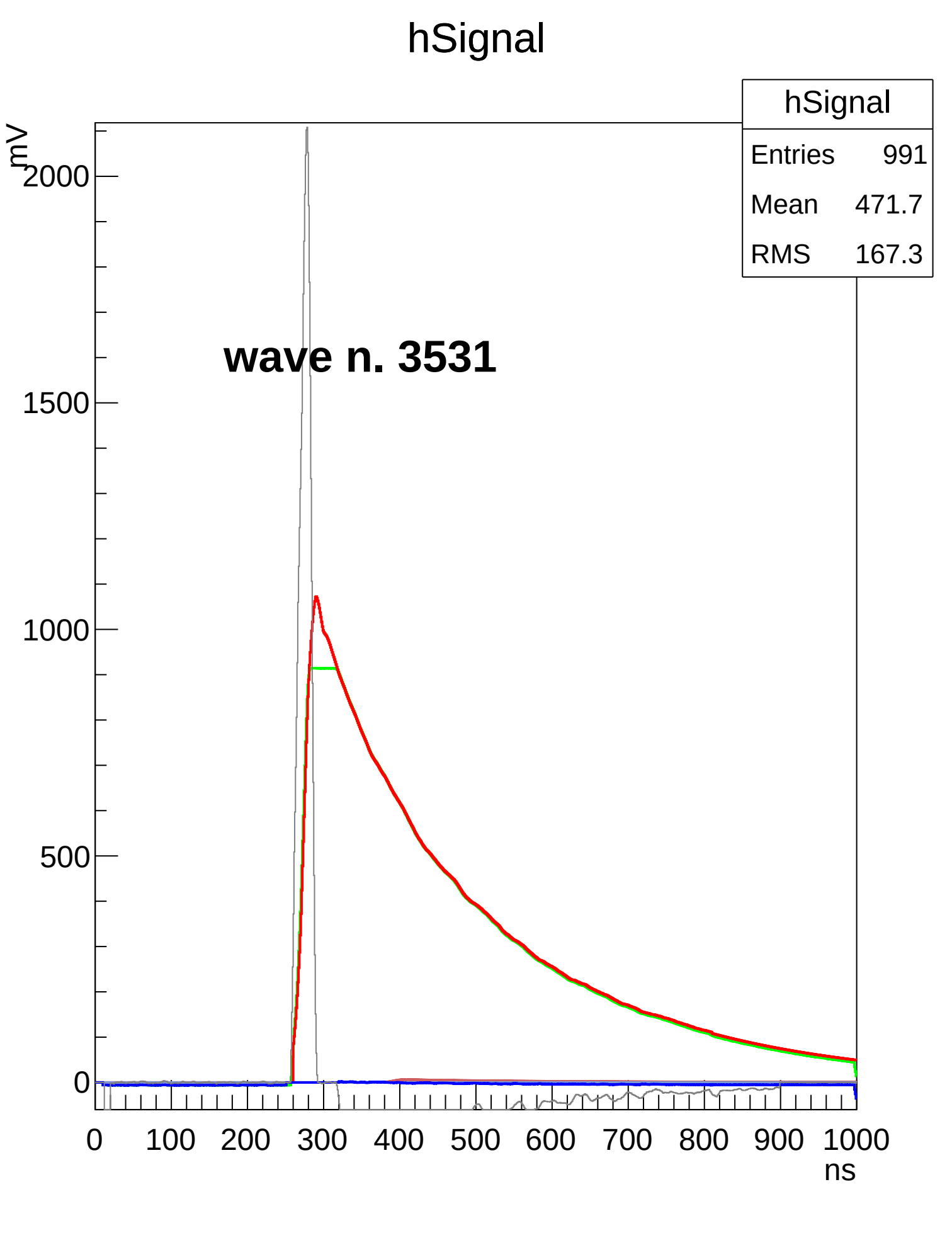
800
900
1000
ns

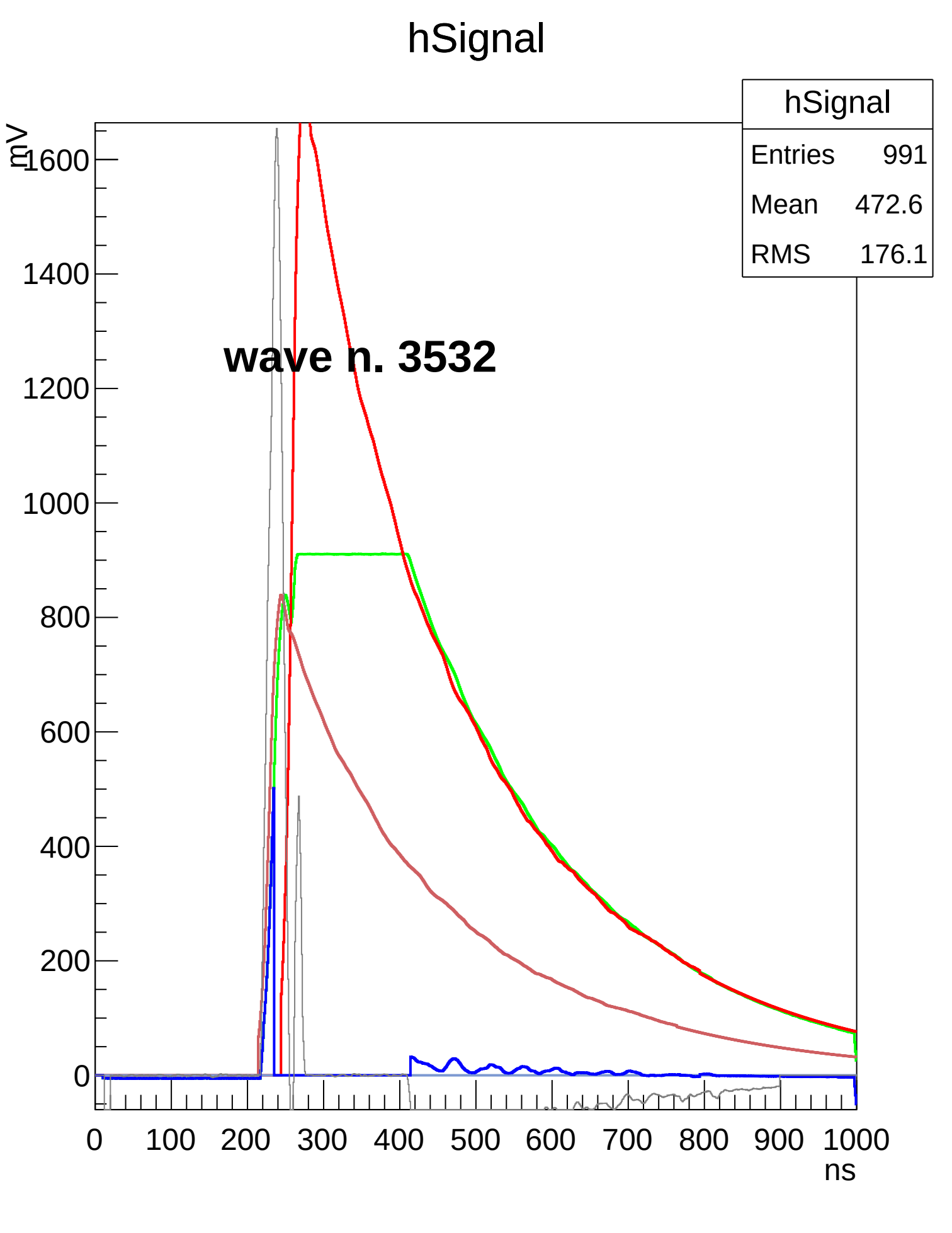

hSignal
hSignal
Entries 991
Mean 491.2
RMS 164
wave n. 3527
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

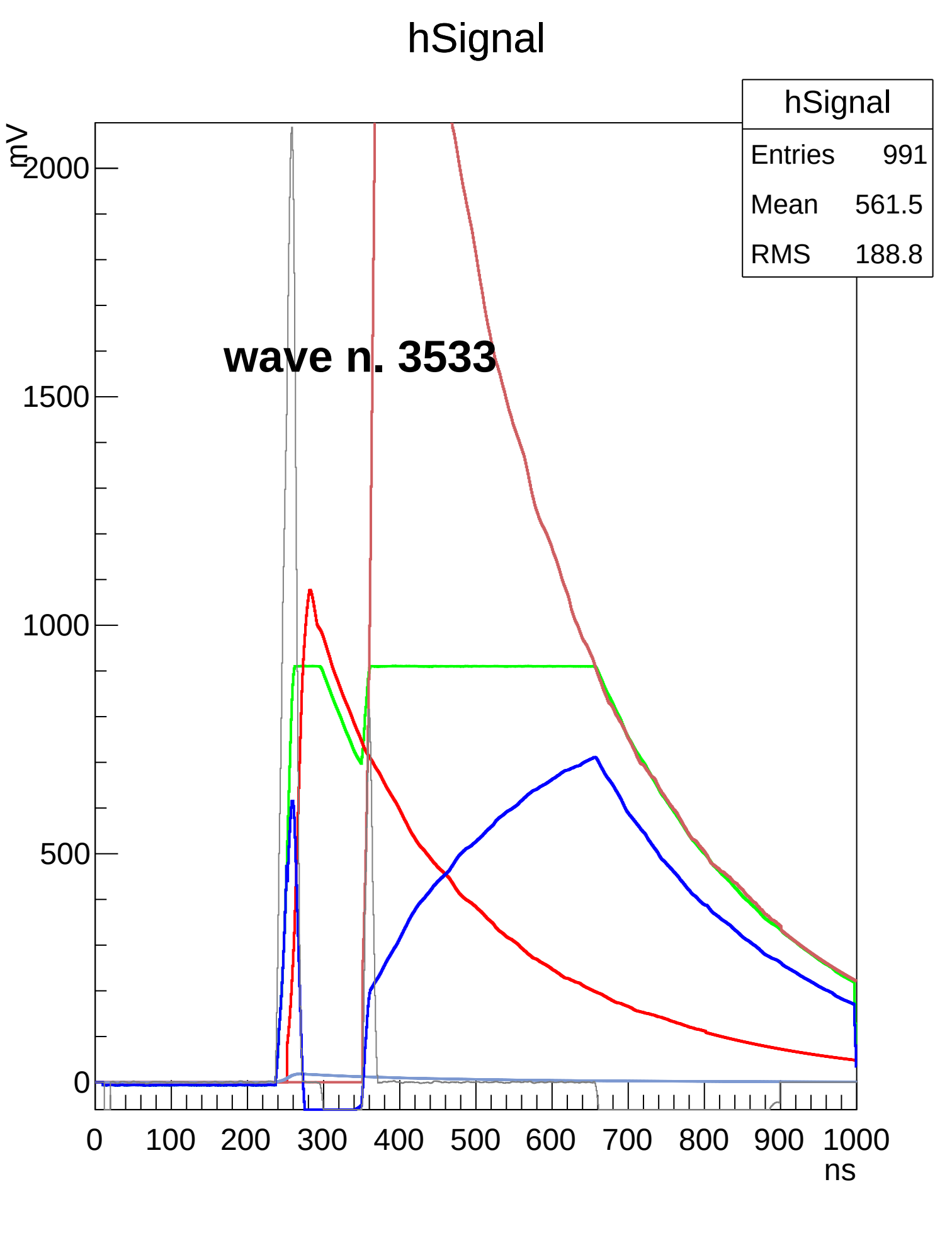

hSignal
hSignal
Entries 991
Mean 520.9
RMS 173.3
wave n. 3528
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

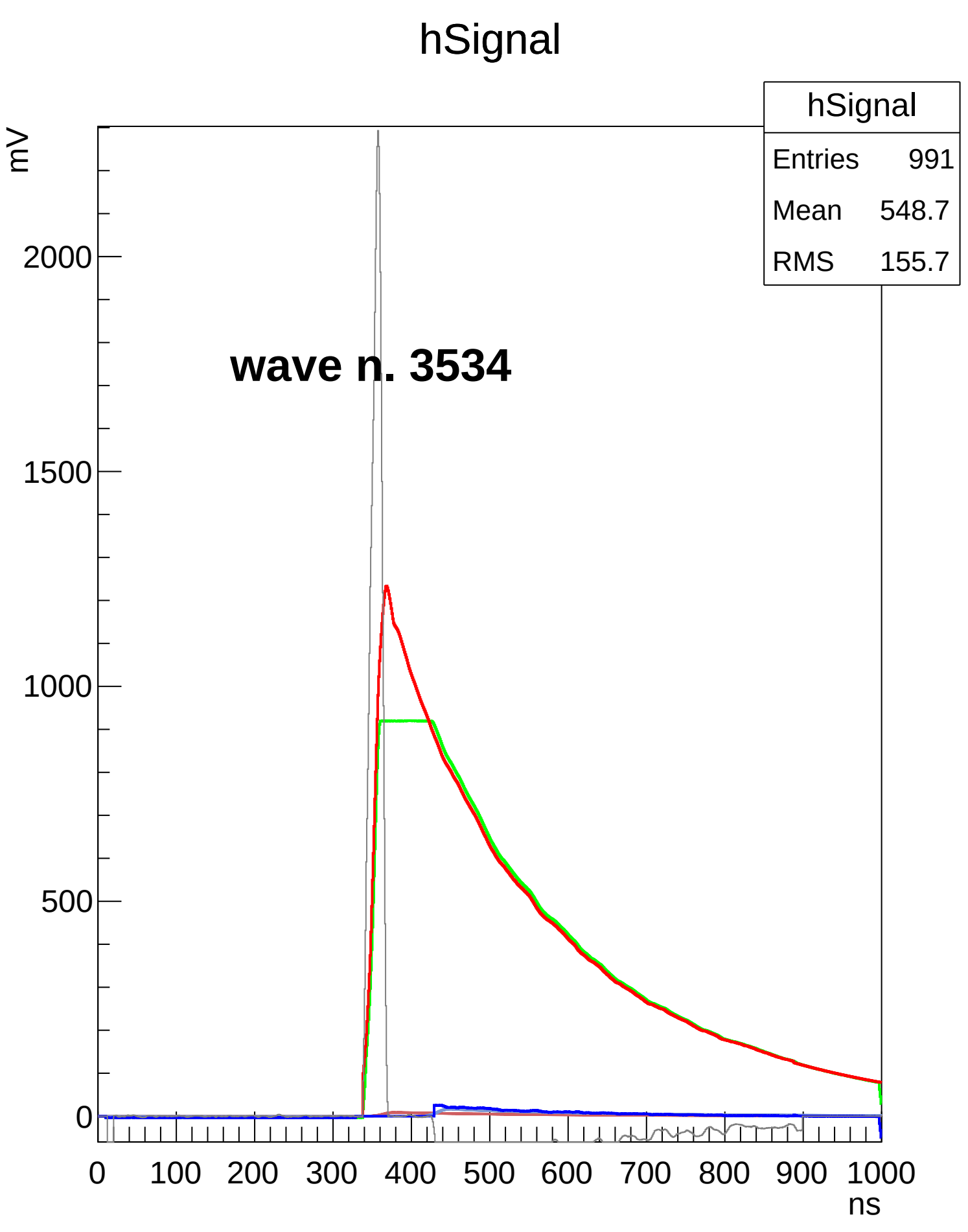

hSignal
hSignal
Entries 991
Mean 502.8
RMS 176.1
wave n. 3529
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

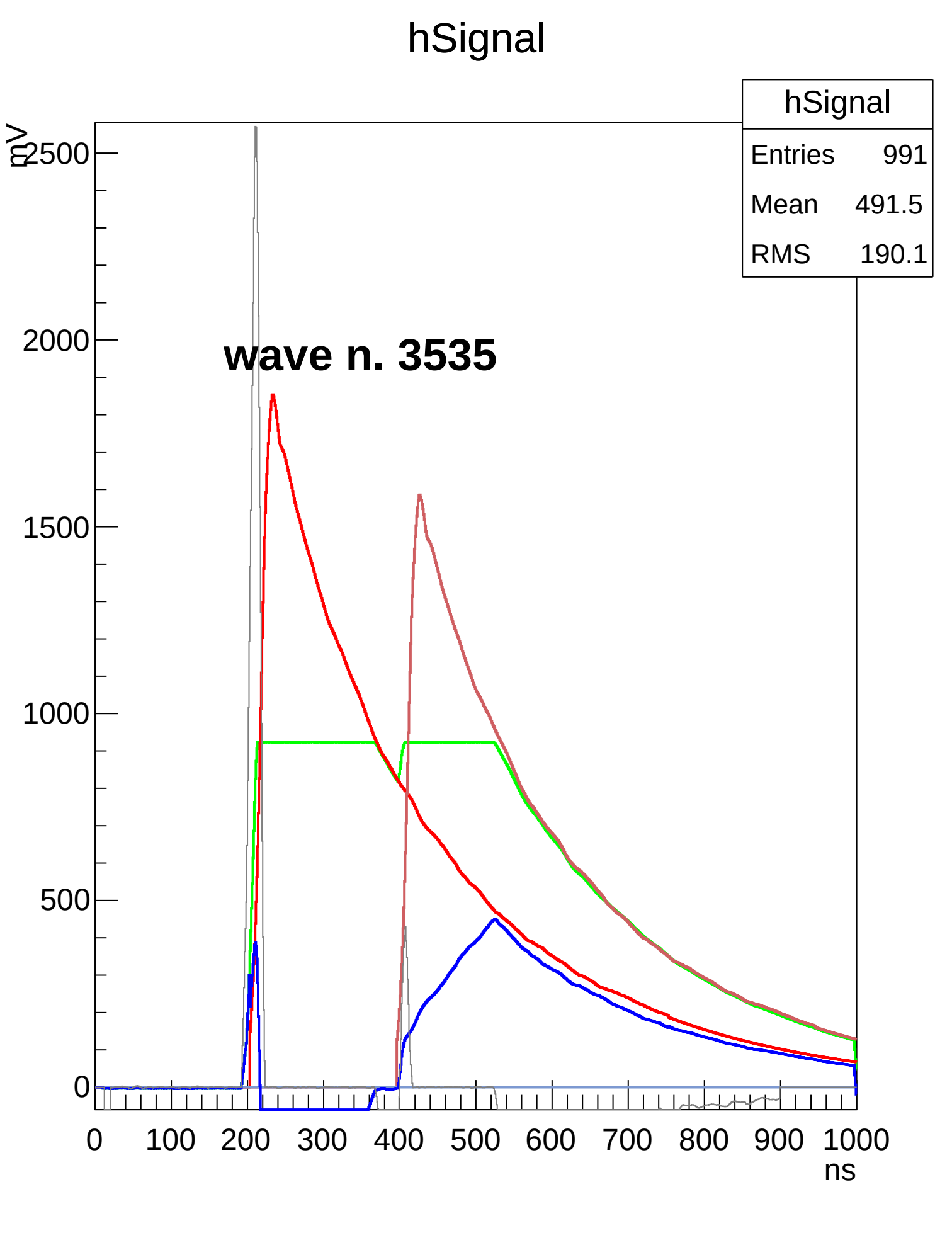

hSignal
hSignal
Entries 991
Mean 588.7
RMS 158.8
wave n. 3530
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

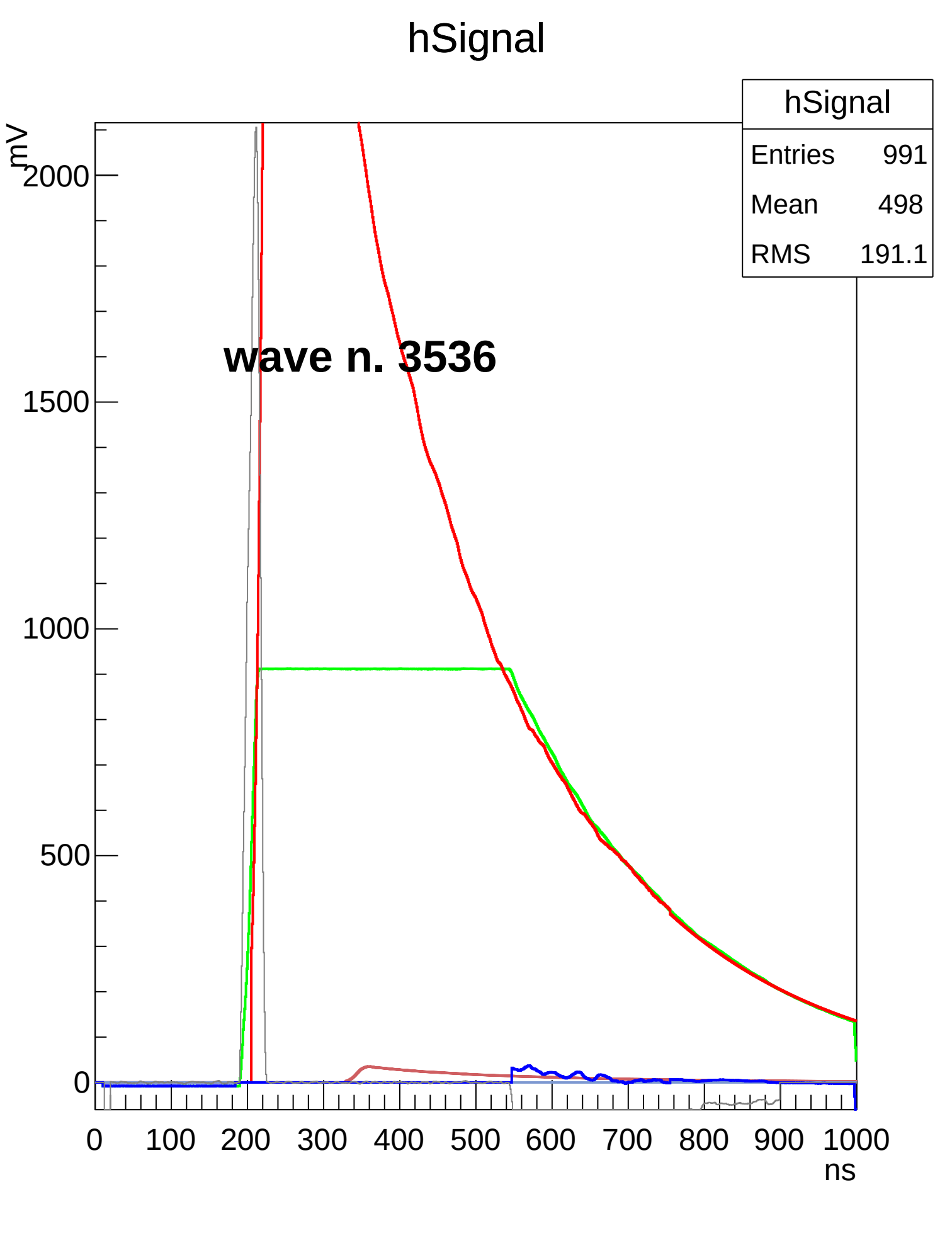

hSignal
hSignal
Entries 991
Mean 471.7
RMS 167.3
wave n. 3531
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 472.6
RMS 176.1
wave n. 3532
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.5
RMS 188.8
wave n. 3533
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 548.7
RMS 155.7
wave n. 3534
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 491.5
RMS 190.1
wave n. 3535
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 498
RMS 191.1
wave n. 3536
mV
2000
1500
1000
500
0
0
100
200
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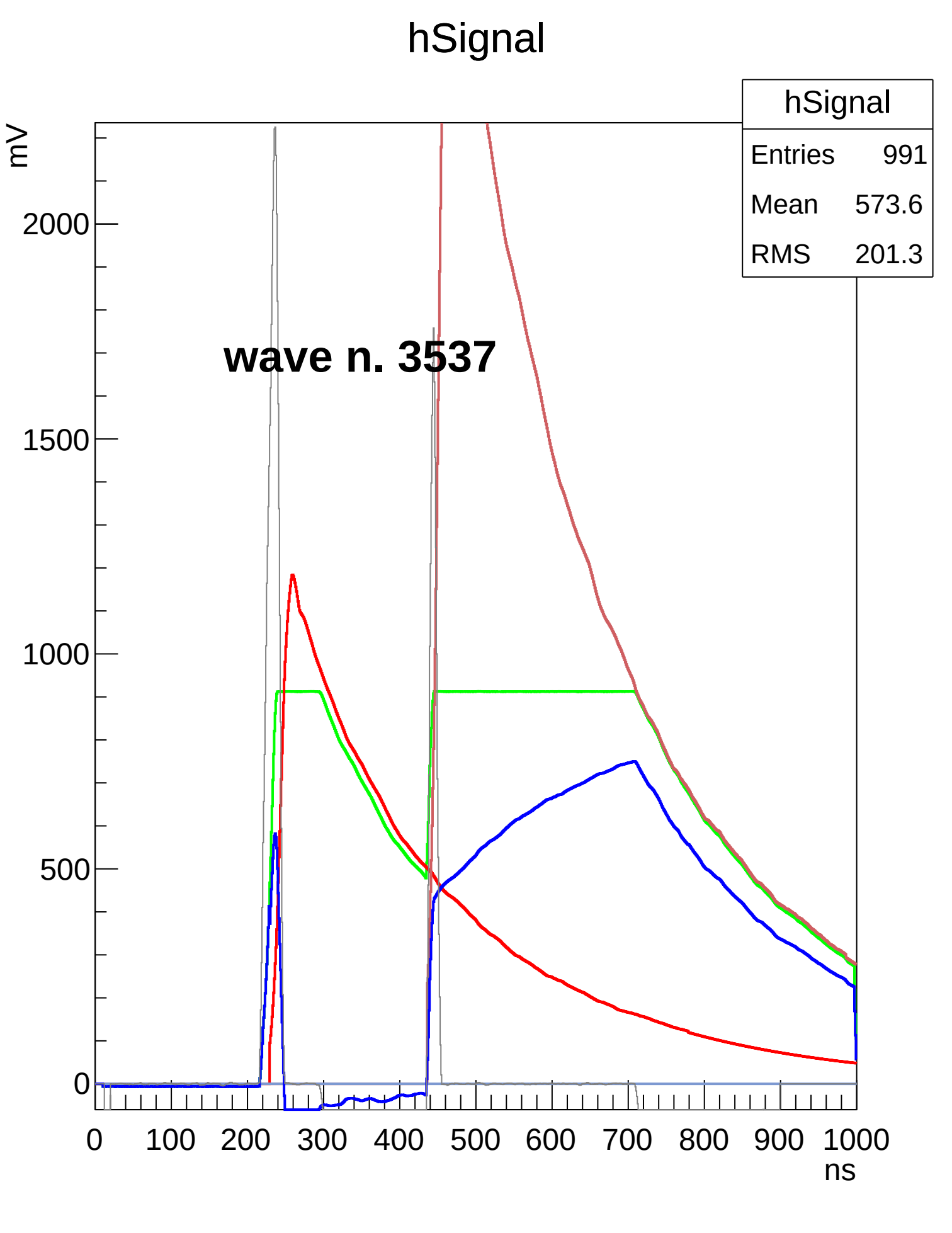
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.6
RMS 201.3
wave n. 3537
mV
2000
1500
1000
500
0
0
100
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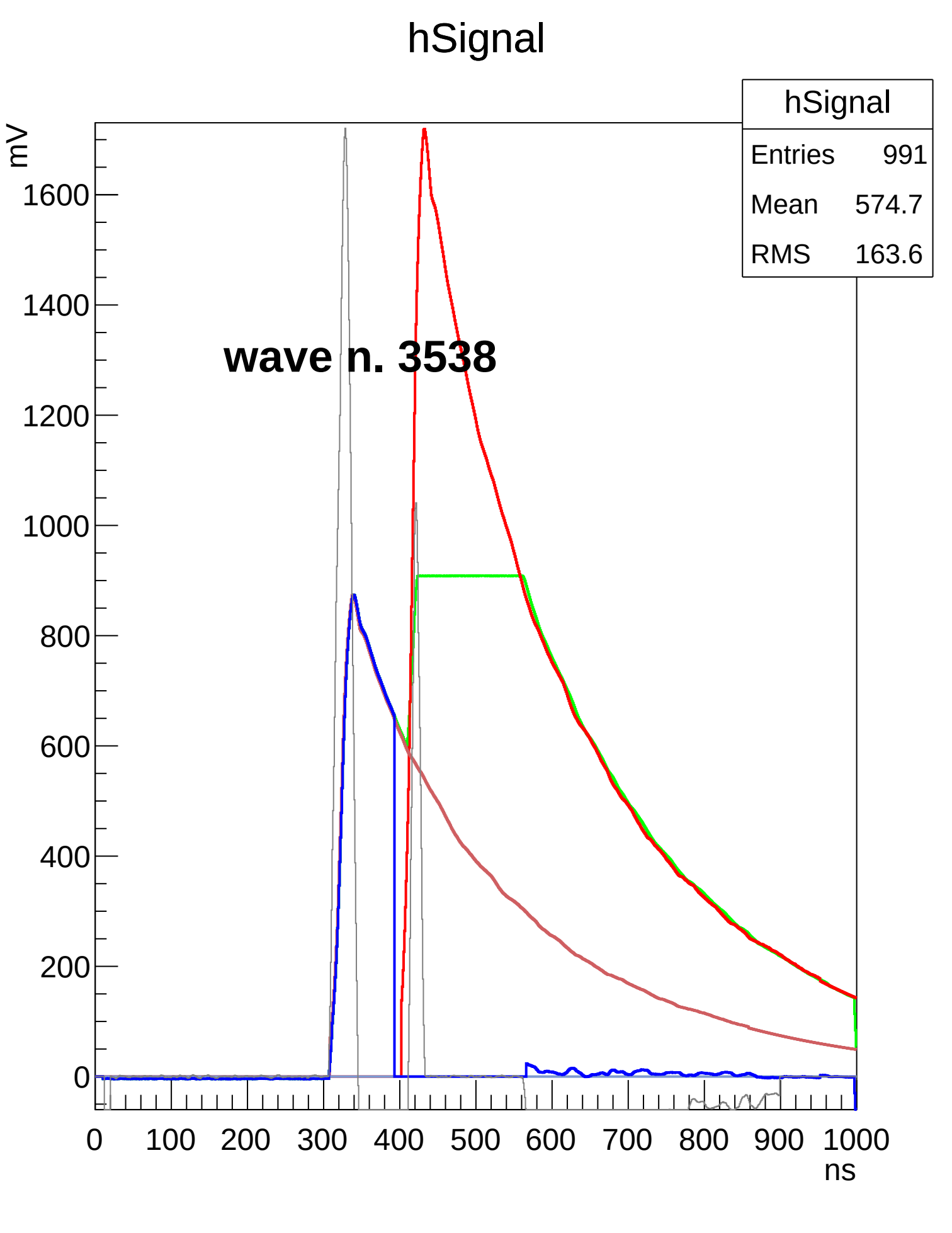
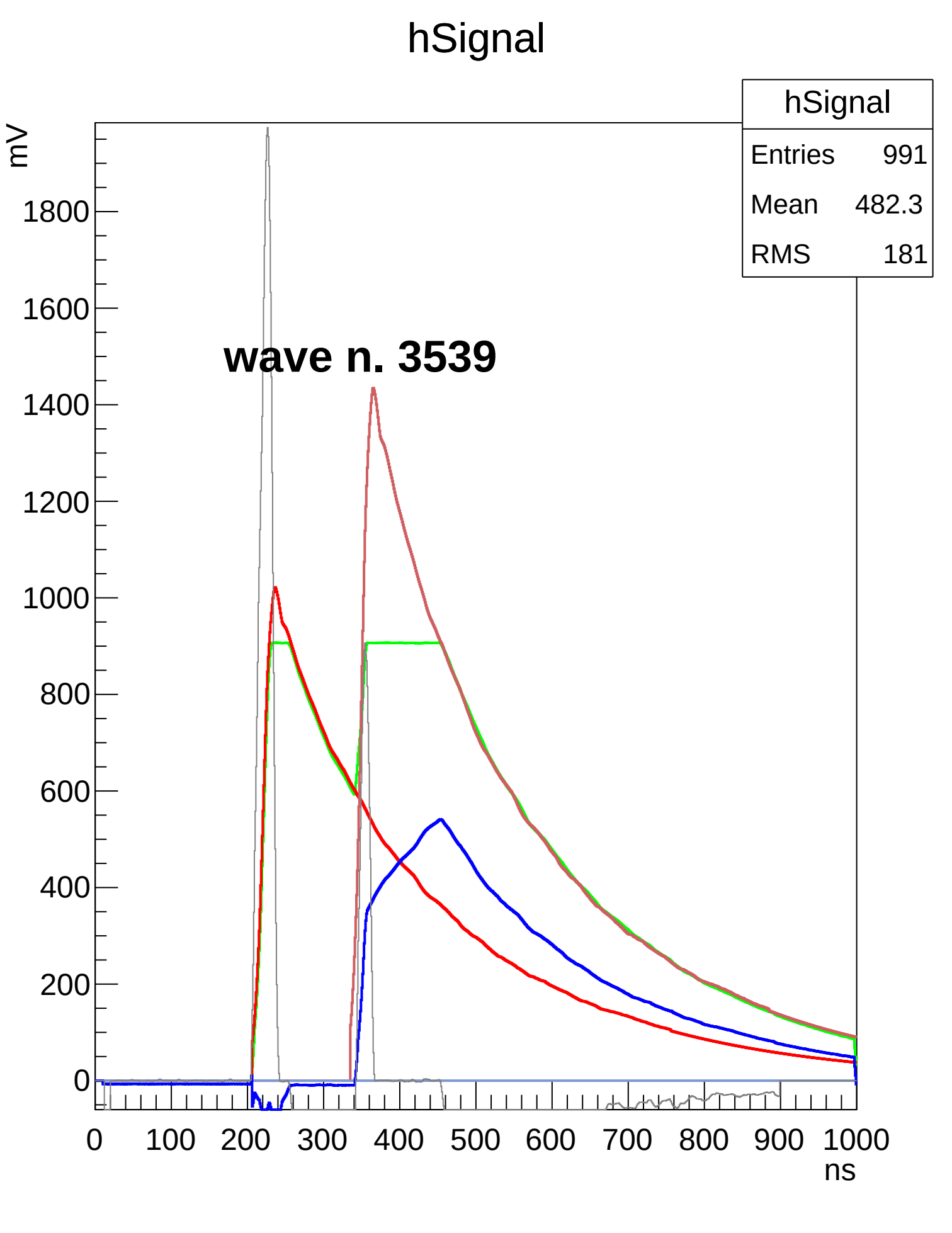
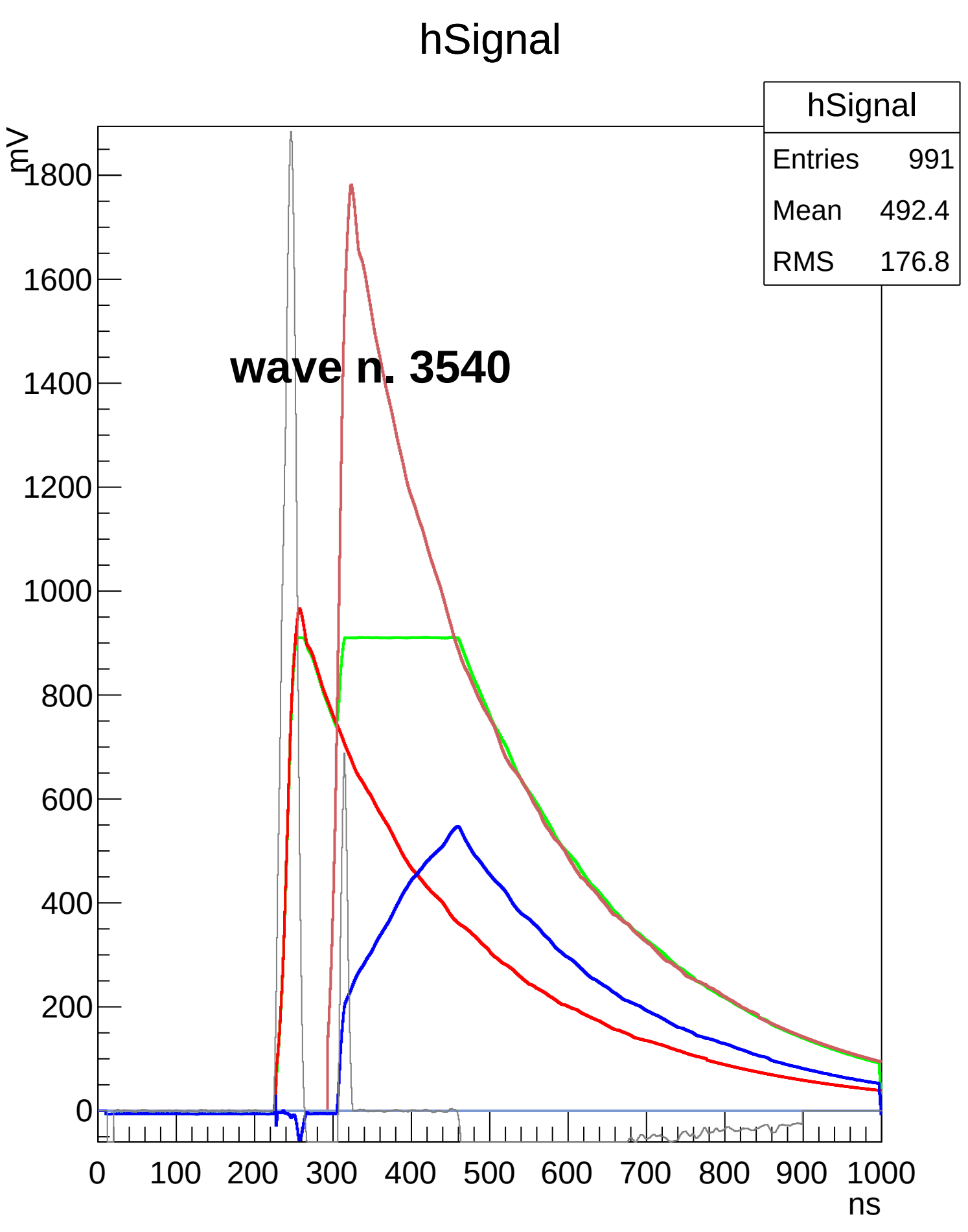
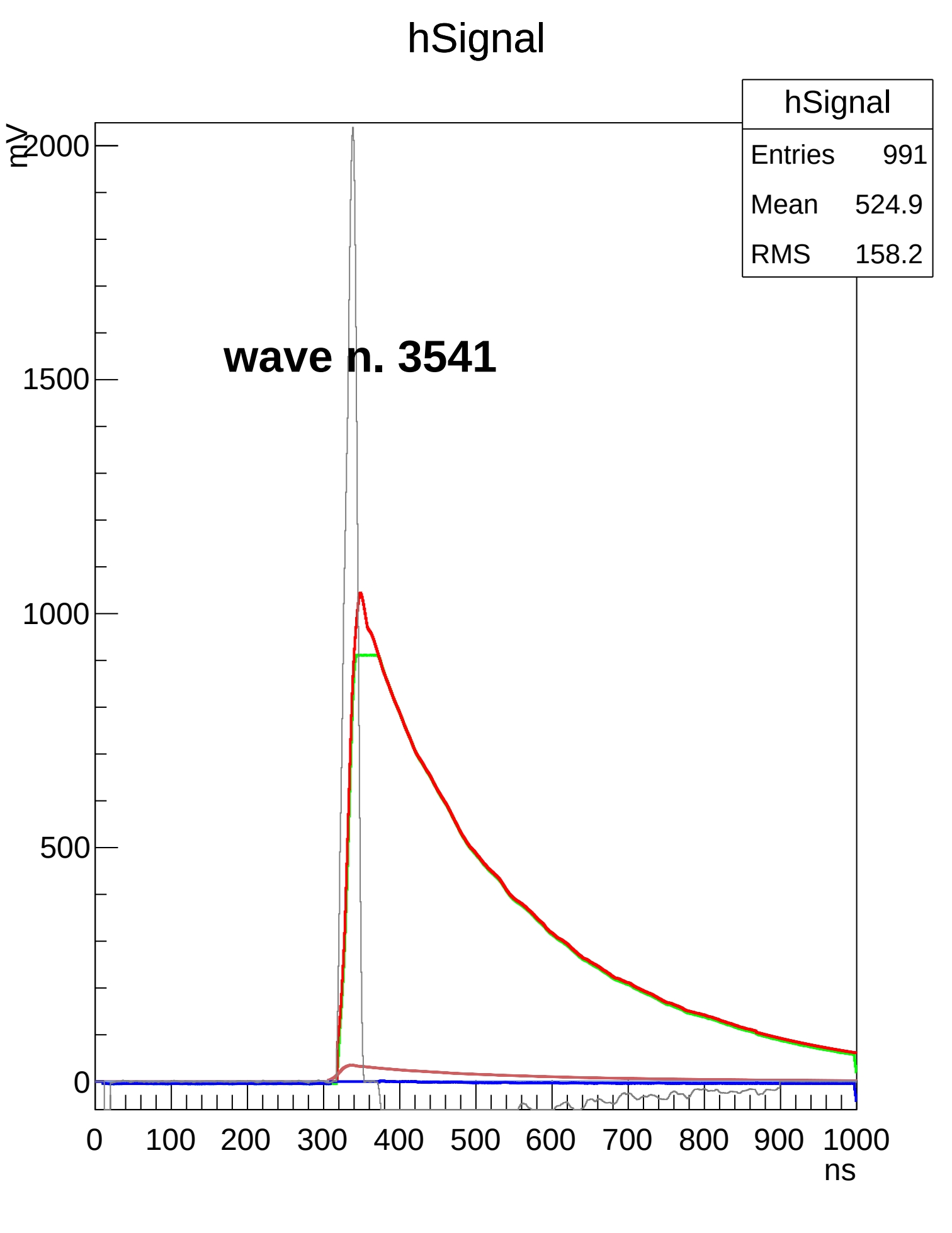
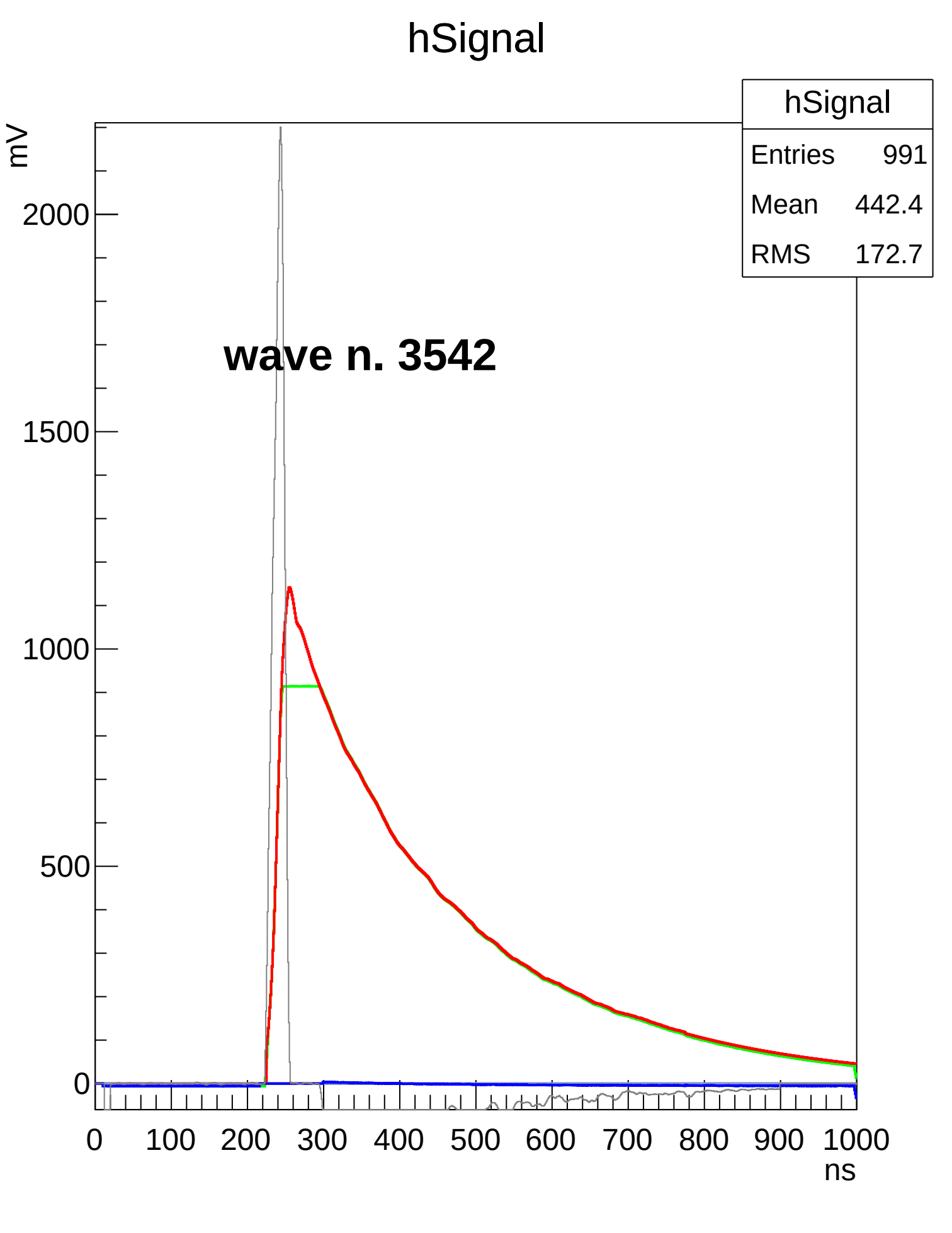
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 574.7
RMS 163.6
wave n. 3538
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 482.3
RMS 181
wave n. 3539
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 492.4
RMS 176.8
wave n. 3540
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 524.9
RMS 158.2
wave n. 3541
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 442.4
RMS 172.7
wave n. 3542
mV
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1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
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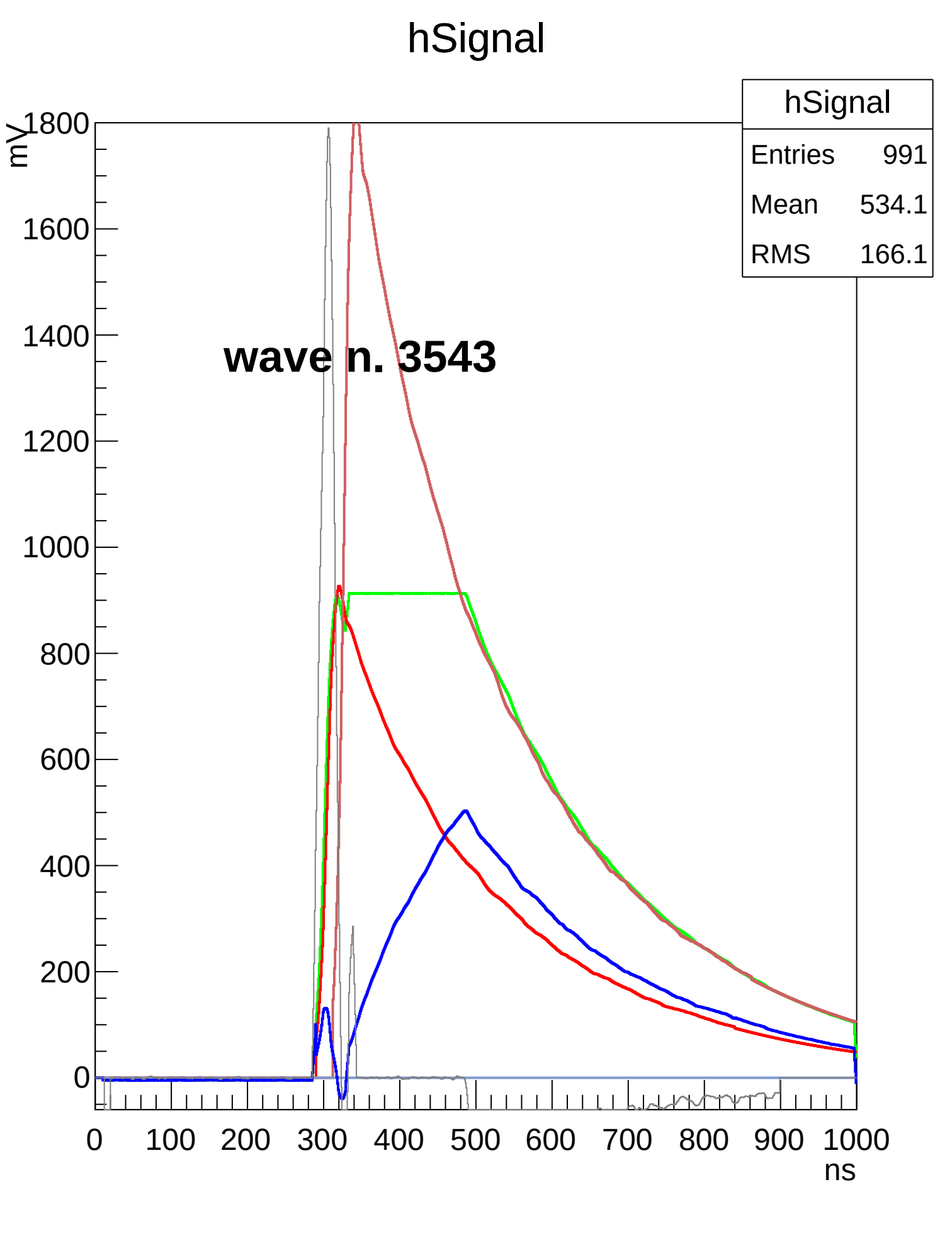
hSignal
hSignal
Entries 991
Mean 534.1
RMS 166.1
wave n. 3543
mV
1800
1600
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1200
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600
400
200
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0
100
200
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400
500
600
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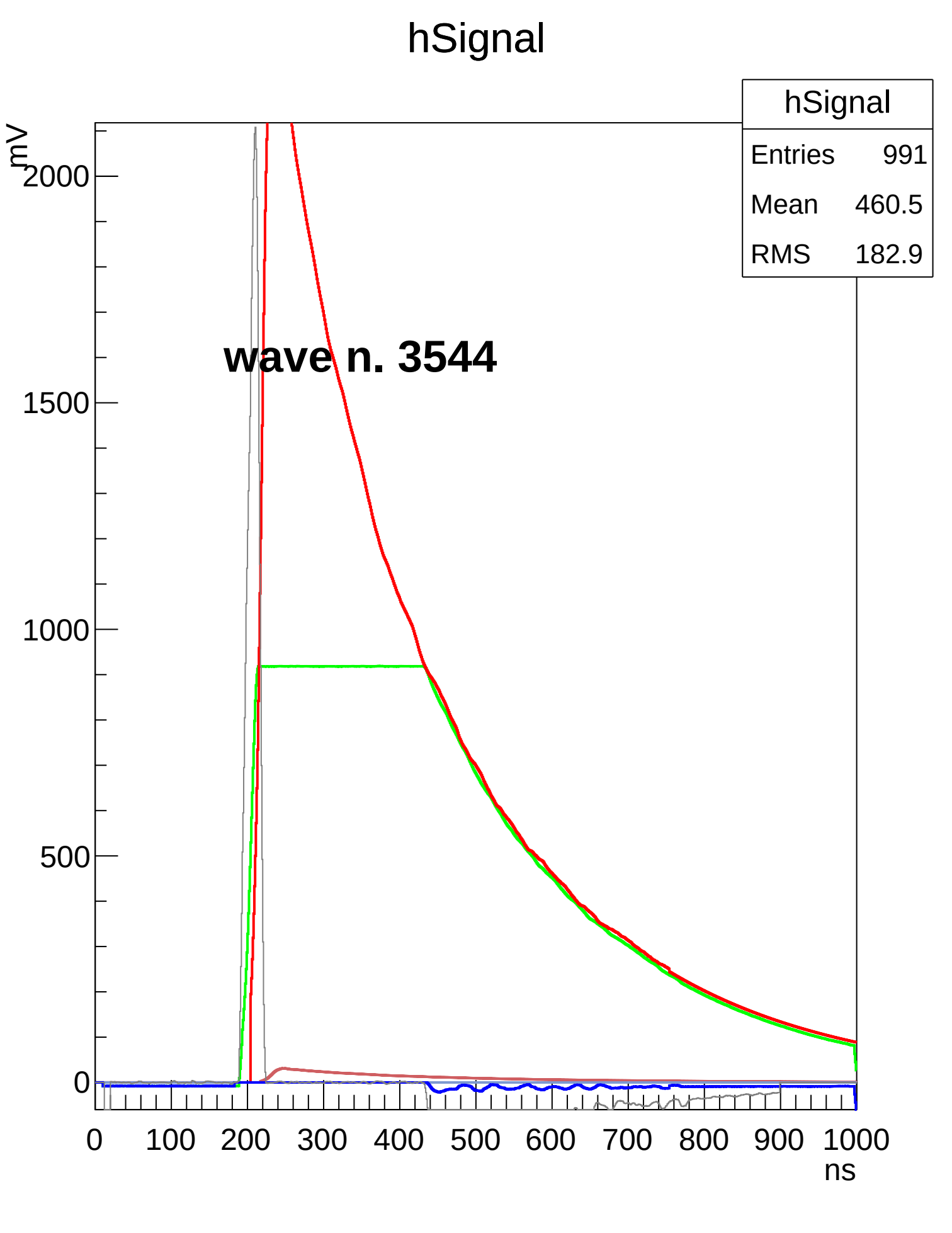
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 460.5
RMS 182.9
wave n. 3544
mV
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1000
500
0
0
100
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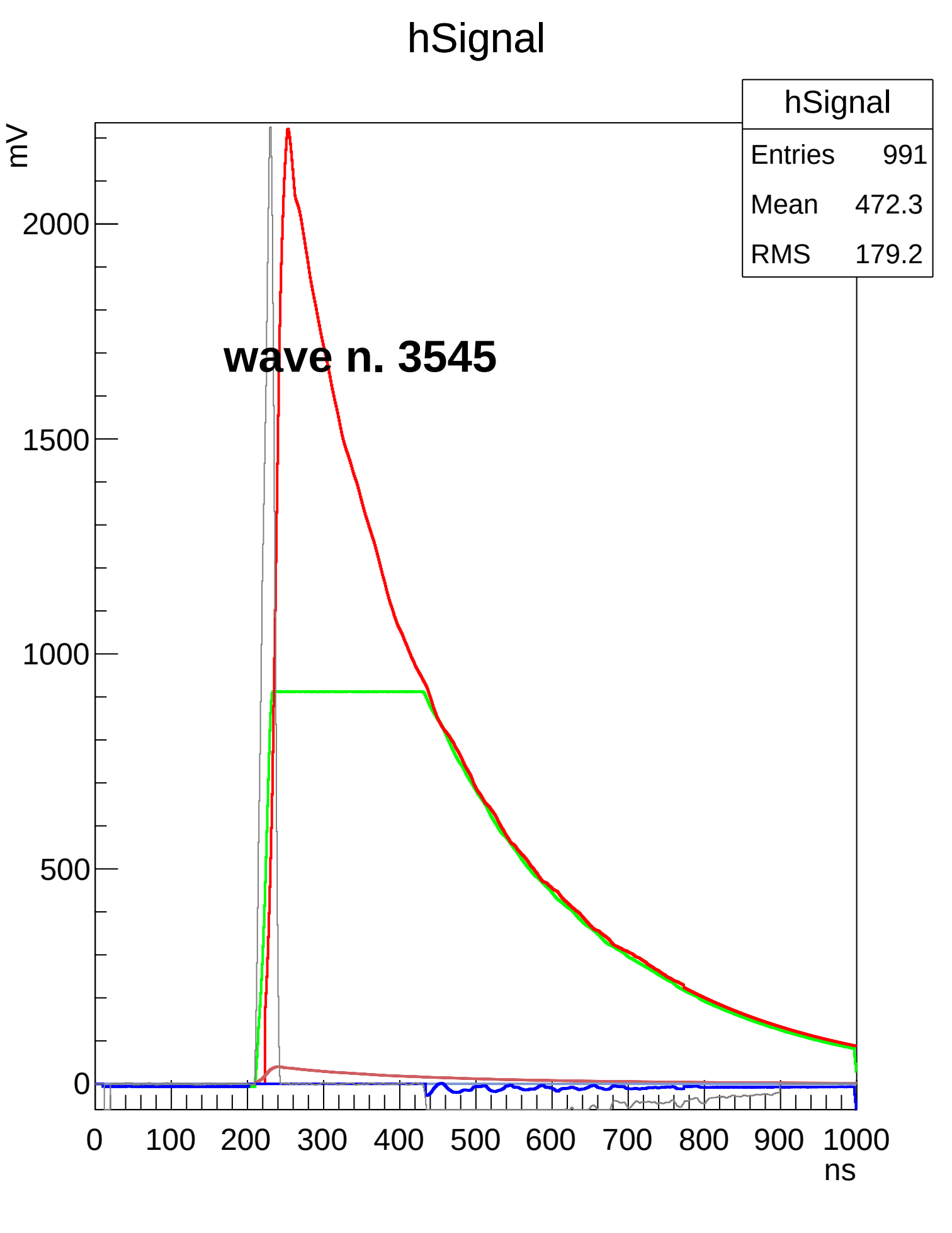
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 472.3
RMS 179.2
wave n. 3545
mV
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1500
1000
500
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0
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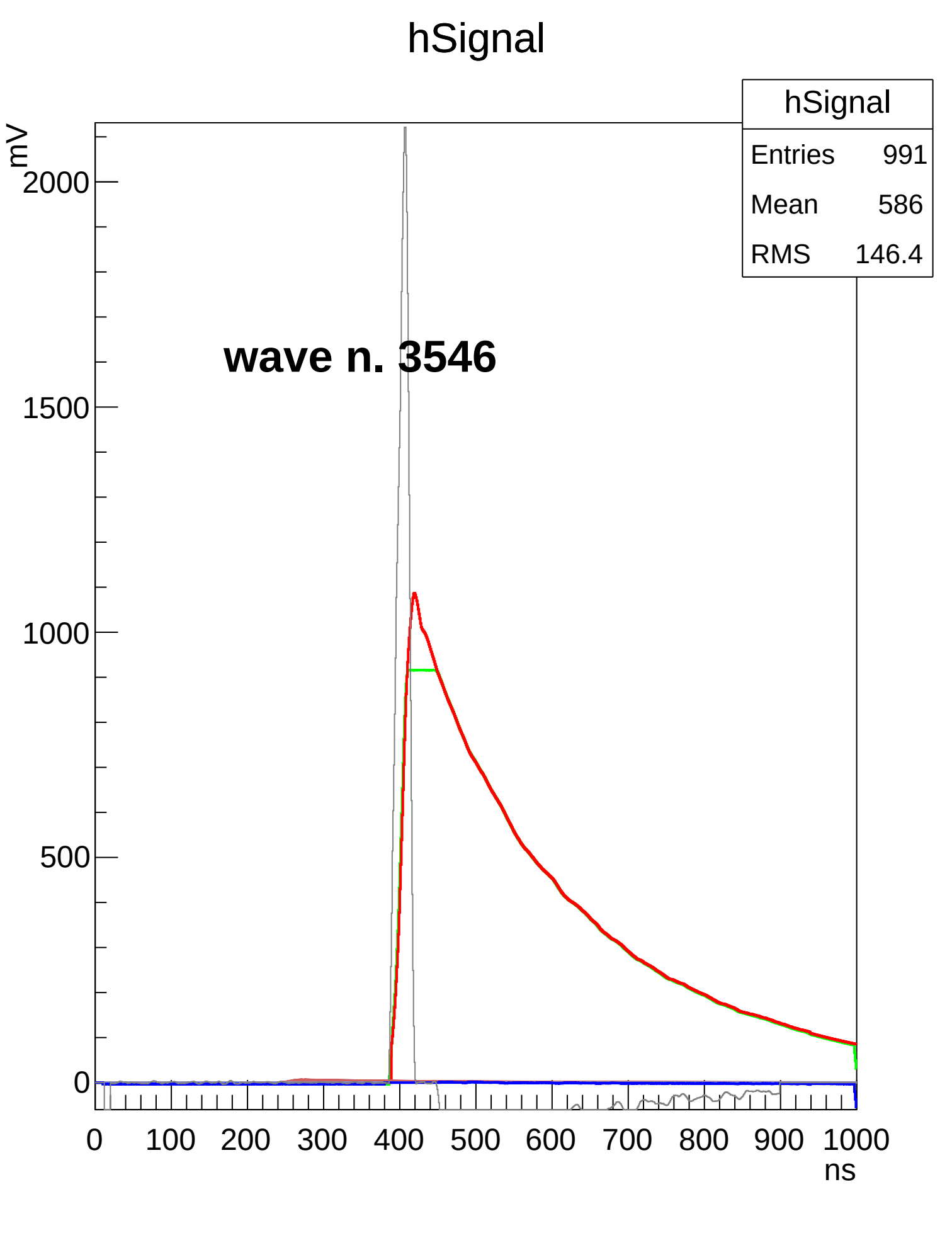
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586
RMS 146.4
wave n. 3546
mV
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1000
500
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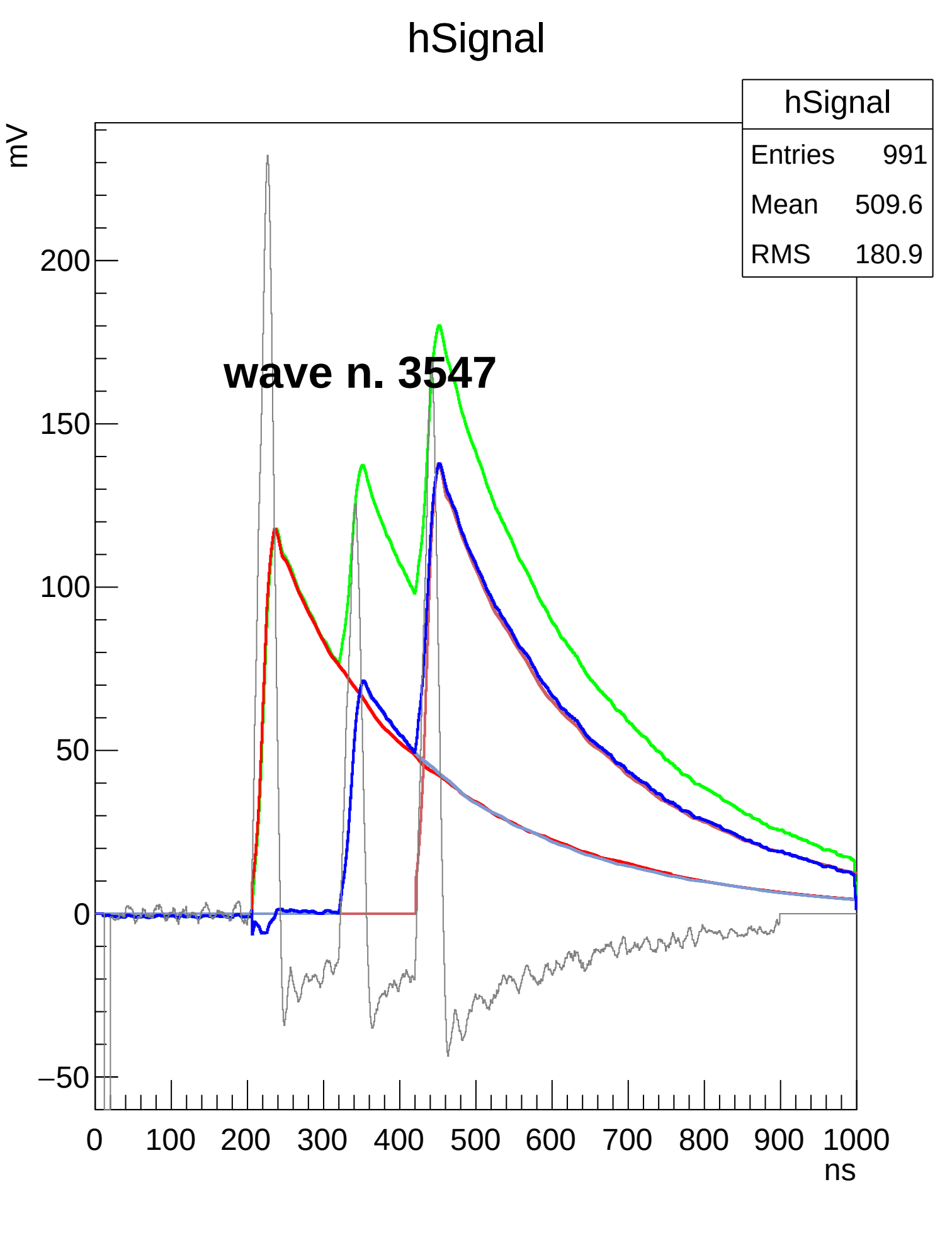
ns


hSignal
hSignal
Entries 991
Mean 509.6
RMS 180.9
wave n. 3547
mV
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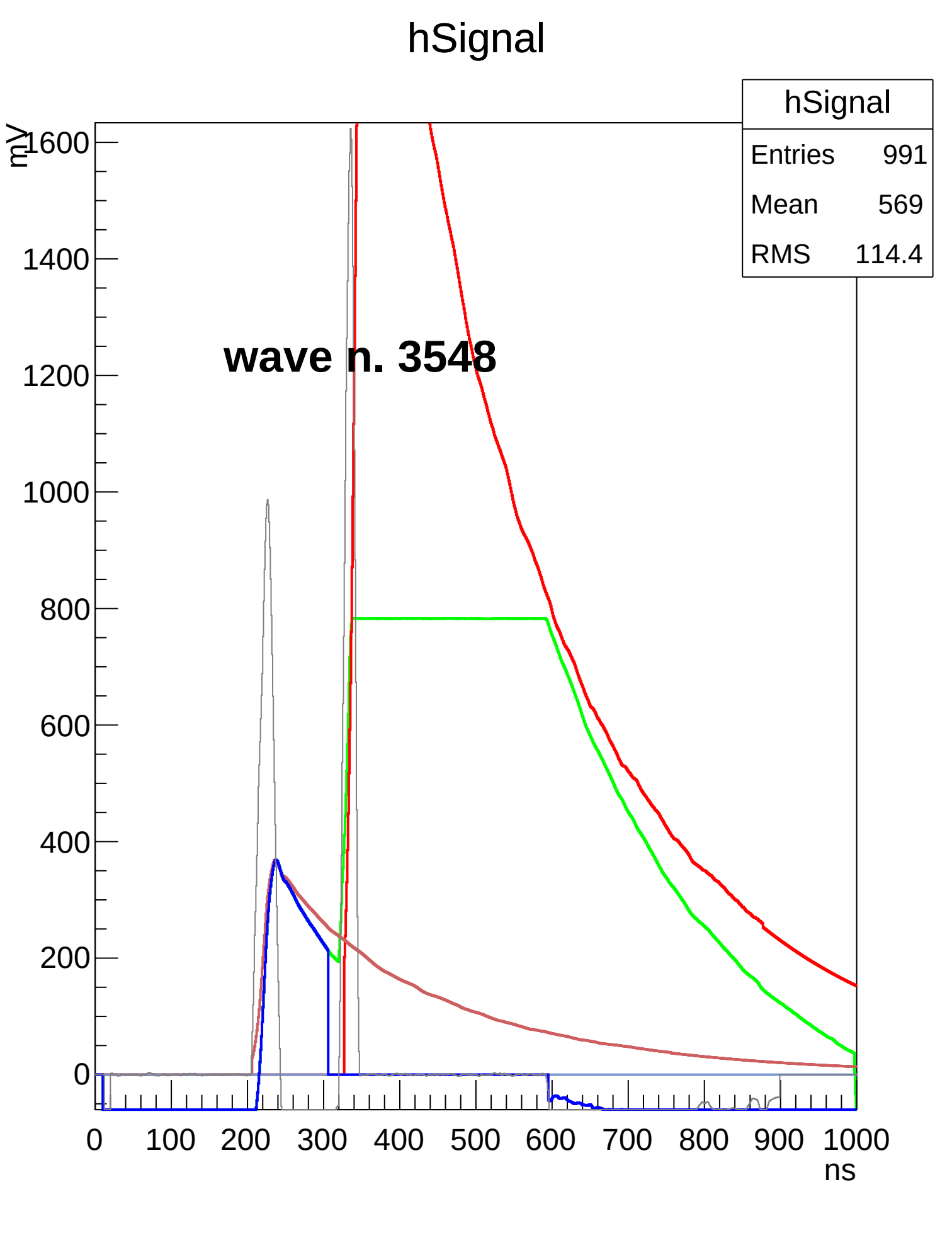
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 569
RMS 114.4
wave n. 3548
mV
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1400
1200
1000
800
600
400
200
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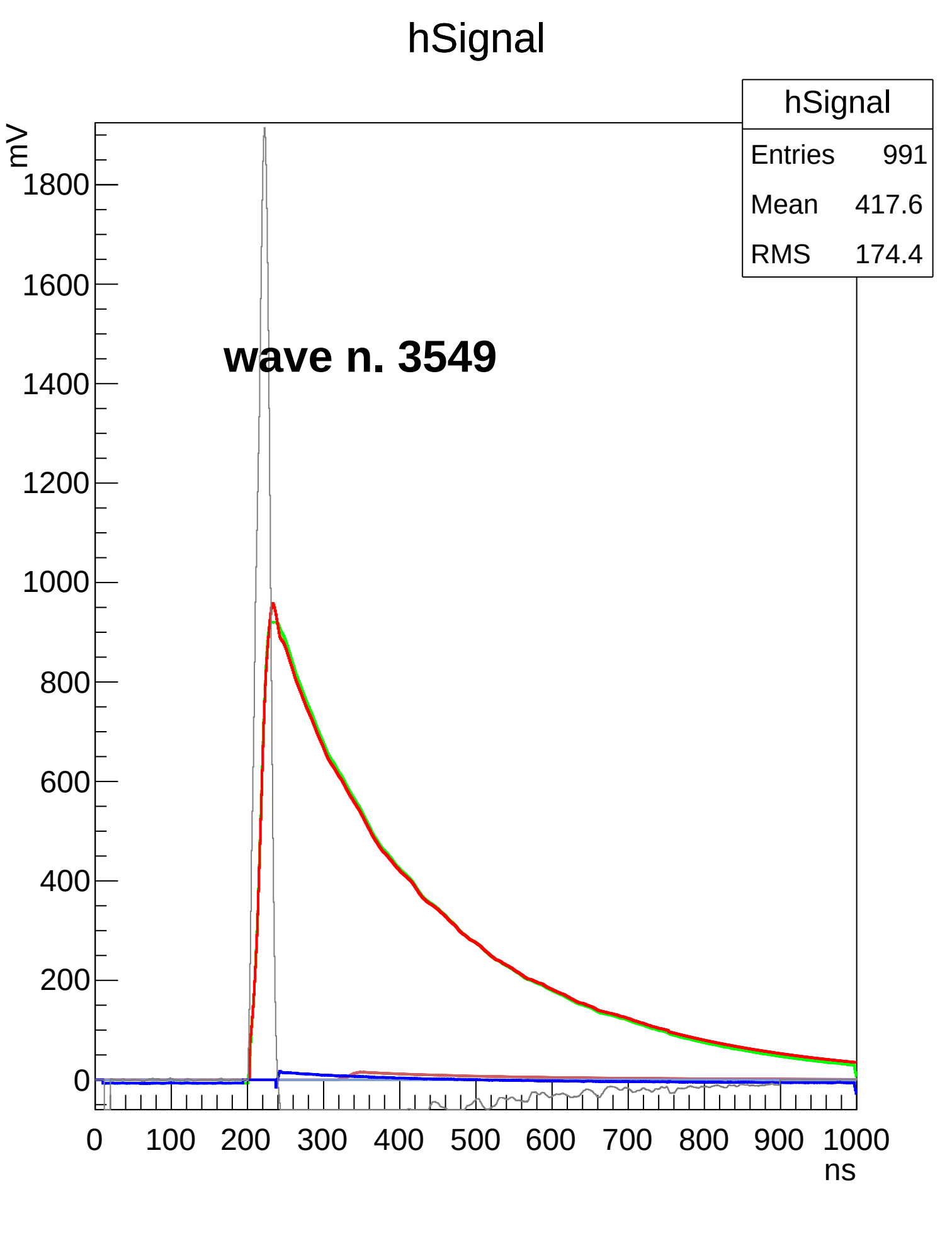
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 417.6
RMS 174.4
wave n. 3549
mV
1800
1600
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200
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400
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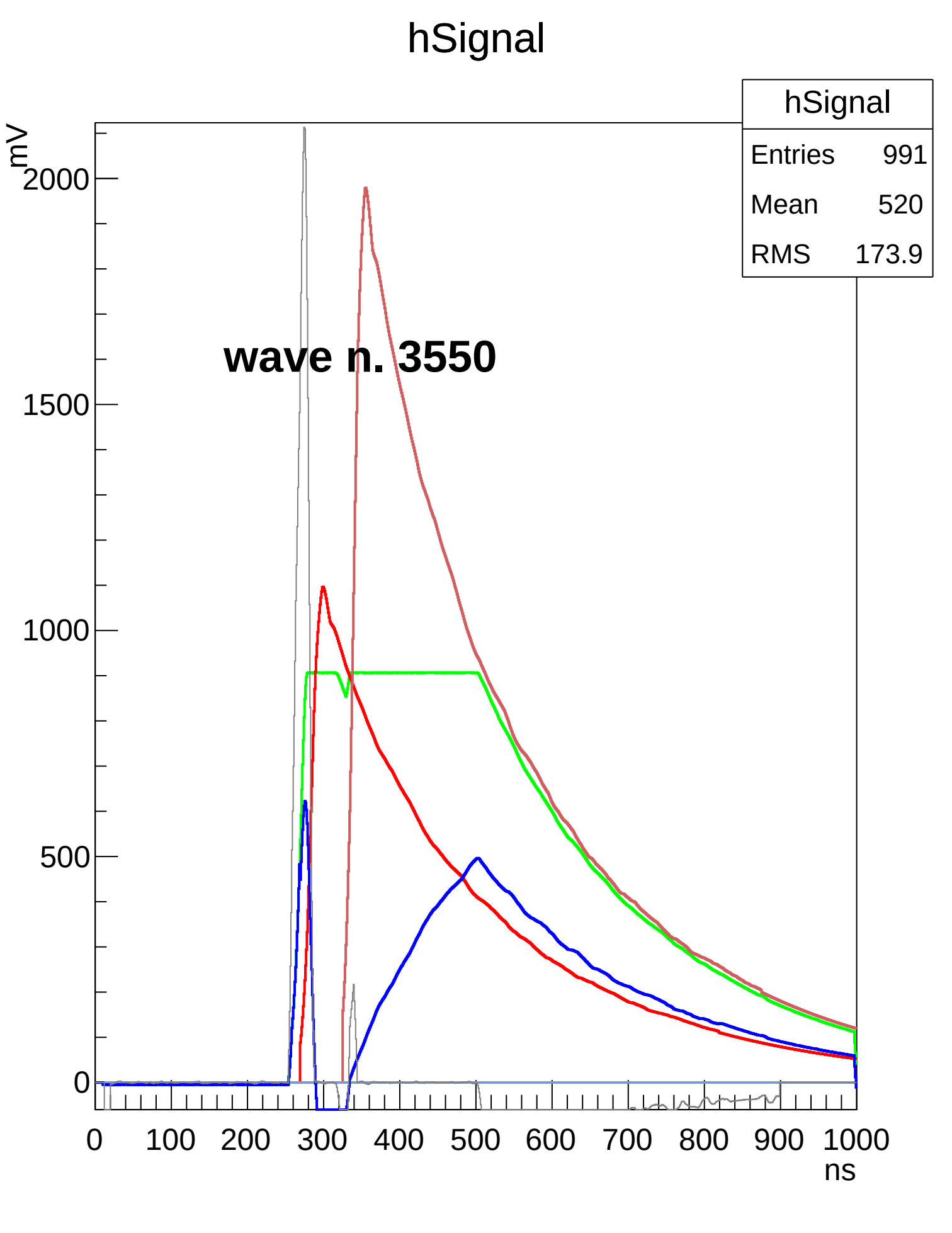
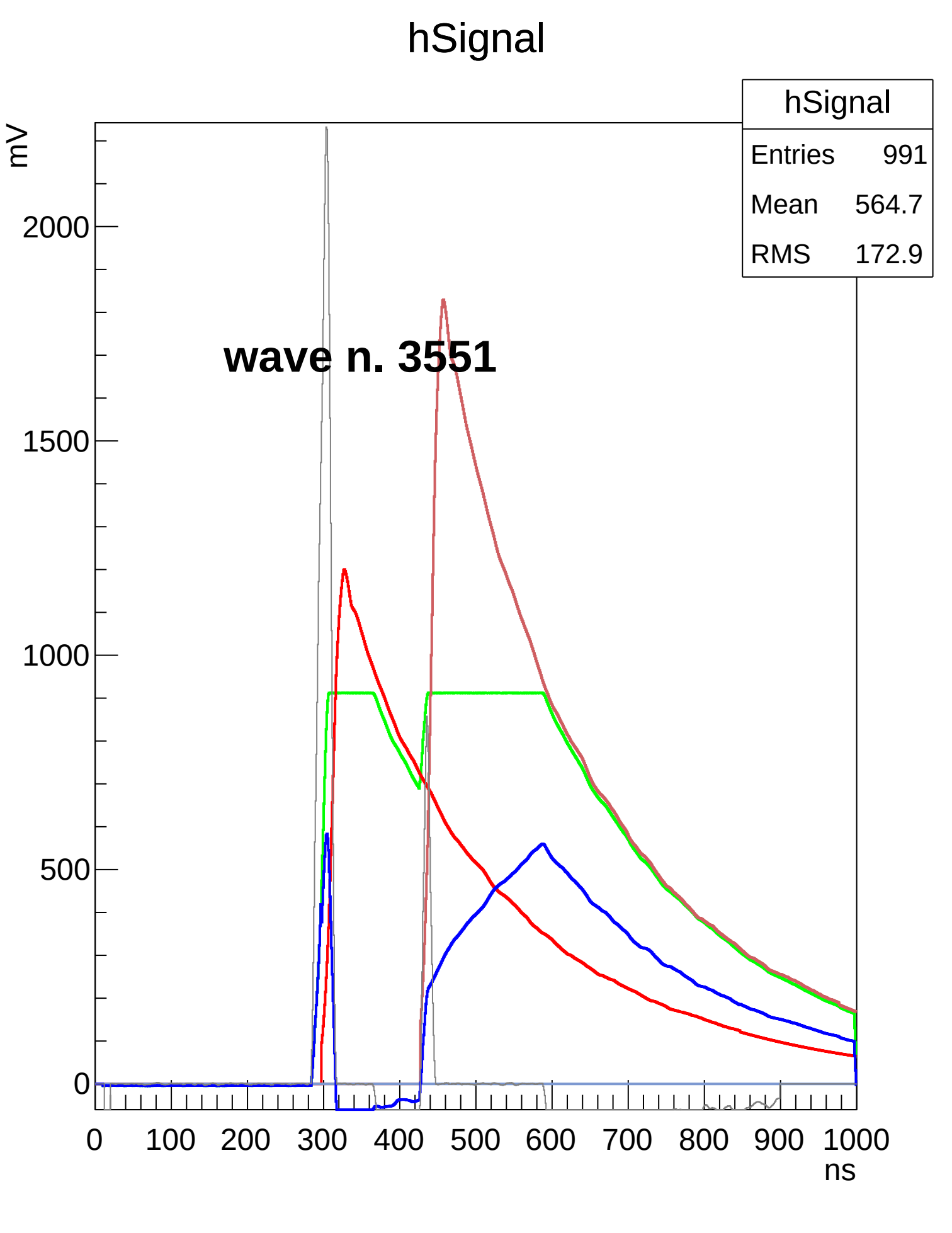
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 520
RMS 173.9
wave n. 3550
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 564.7
RMS 172.9
wave n. 3551
mV
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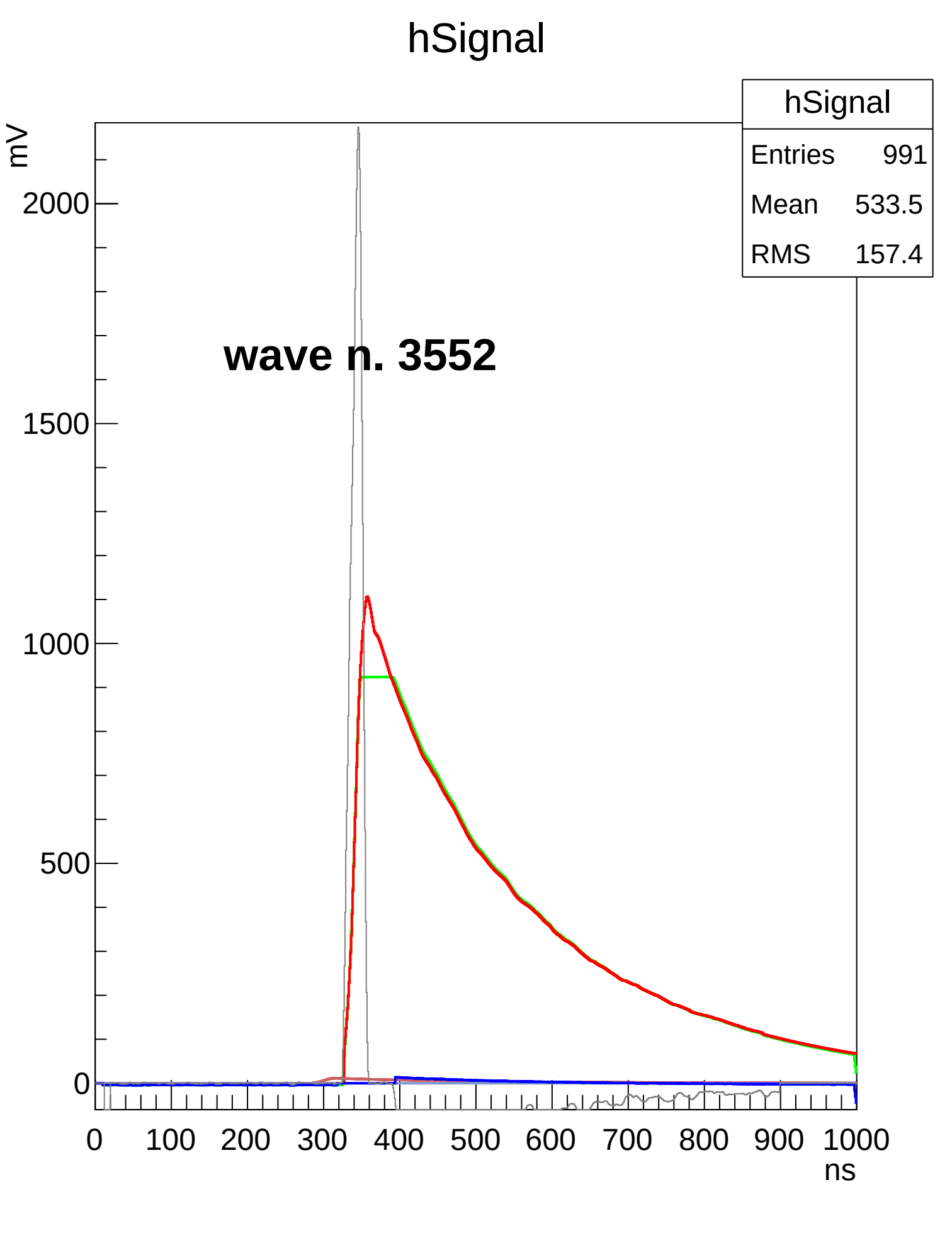
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 533.5
RMS 157.4
wave n. 3552
mV
2000
1500
1000
500
0
0
100
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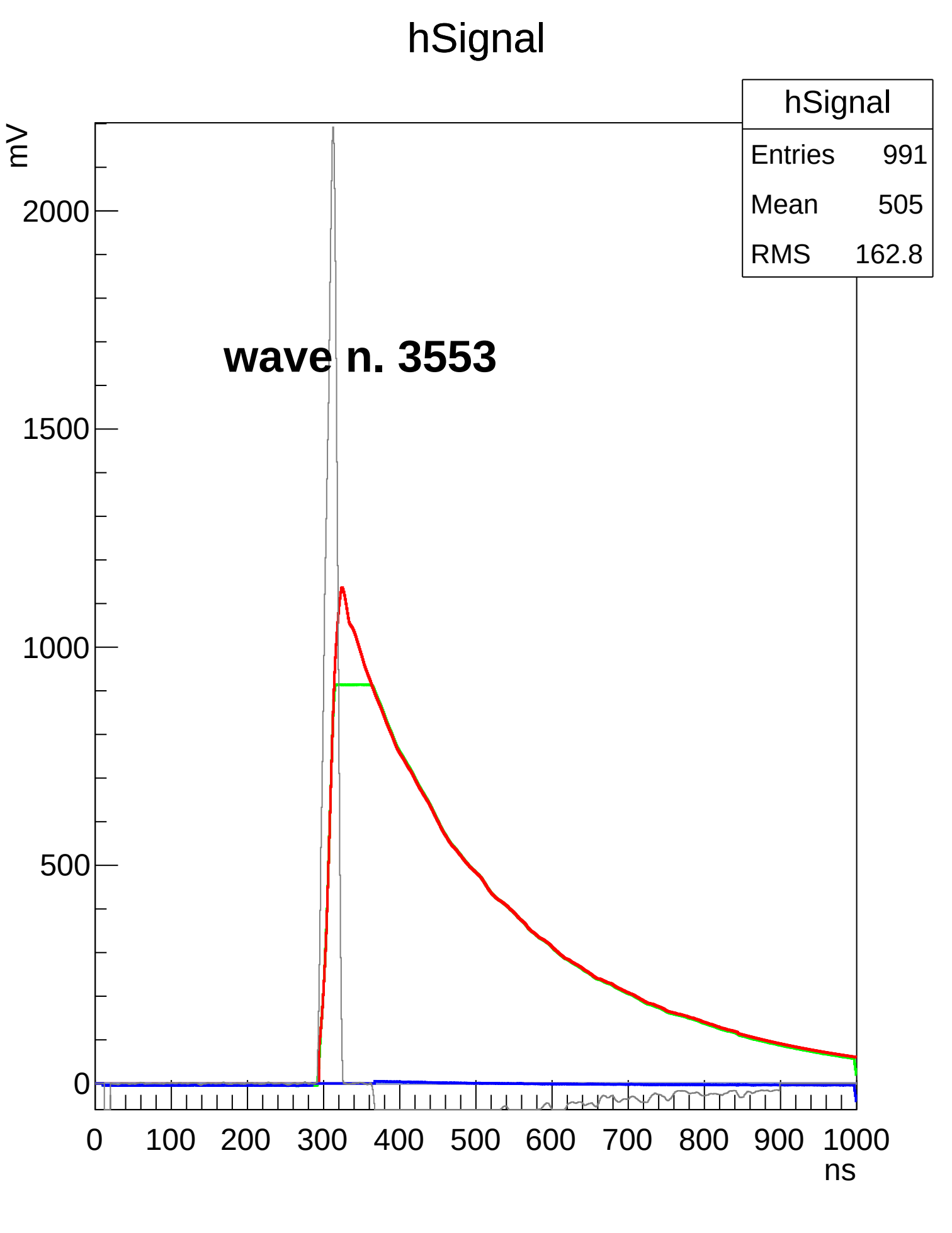
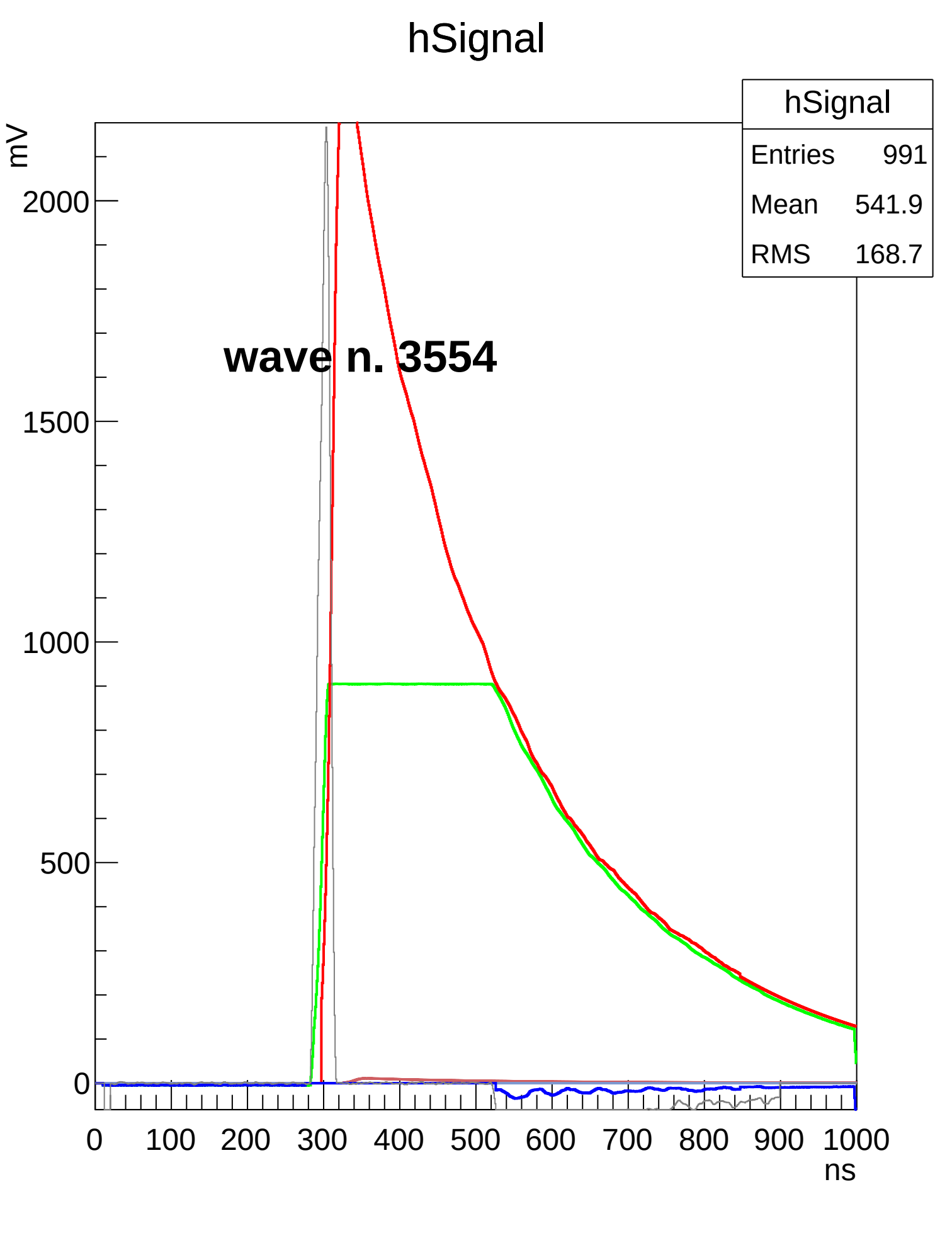
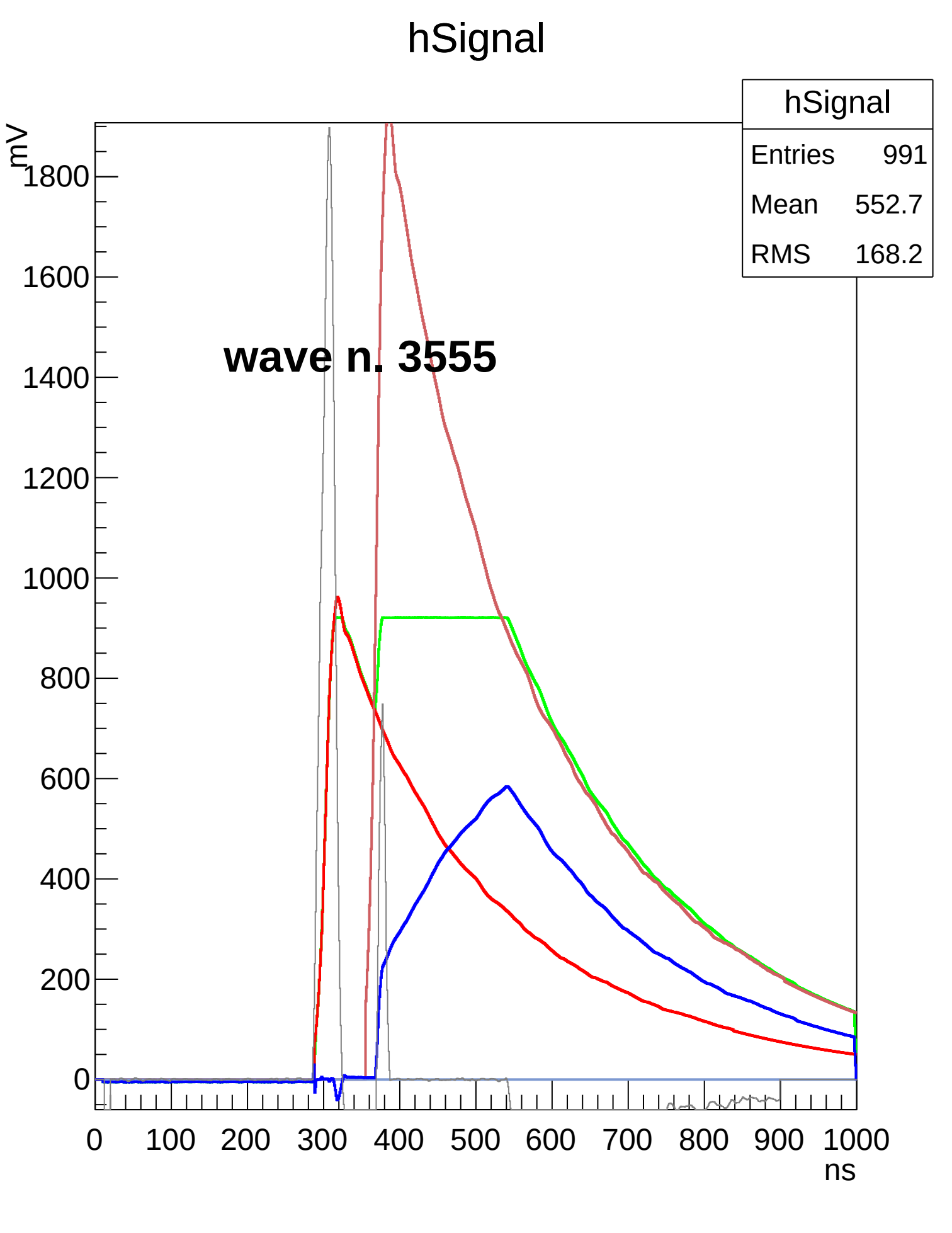
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505
RMS 162.8
wave n. 3553
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 541.9
RMS 168.7
wave n. 3554
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 552.7
RMS 168.2
wave n. 3555
mV
1800
1600
1400
1200
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200
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0
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200
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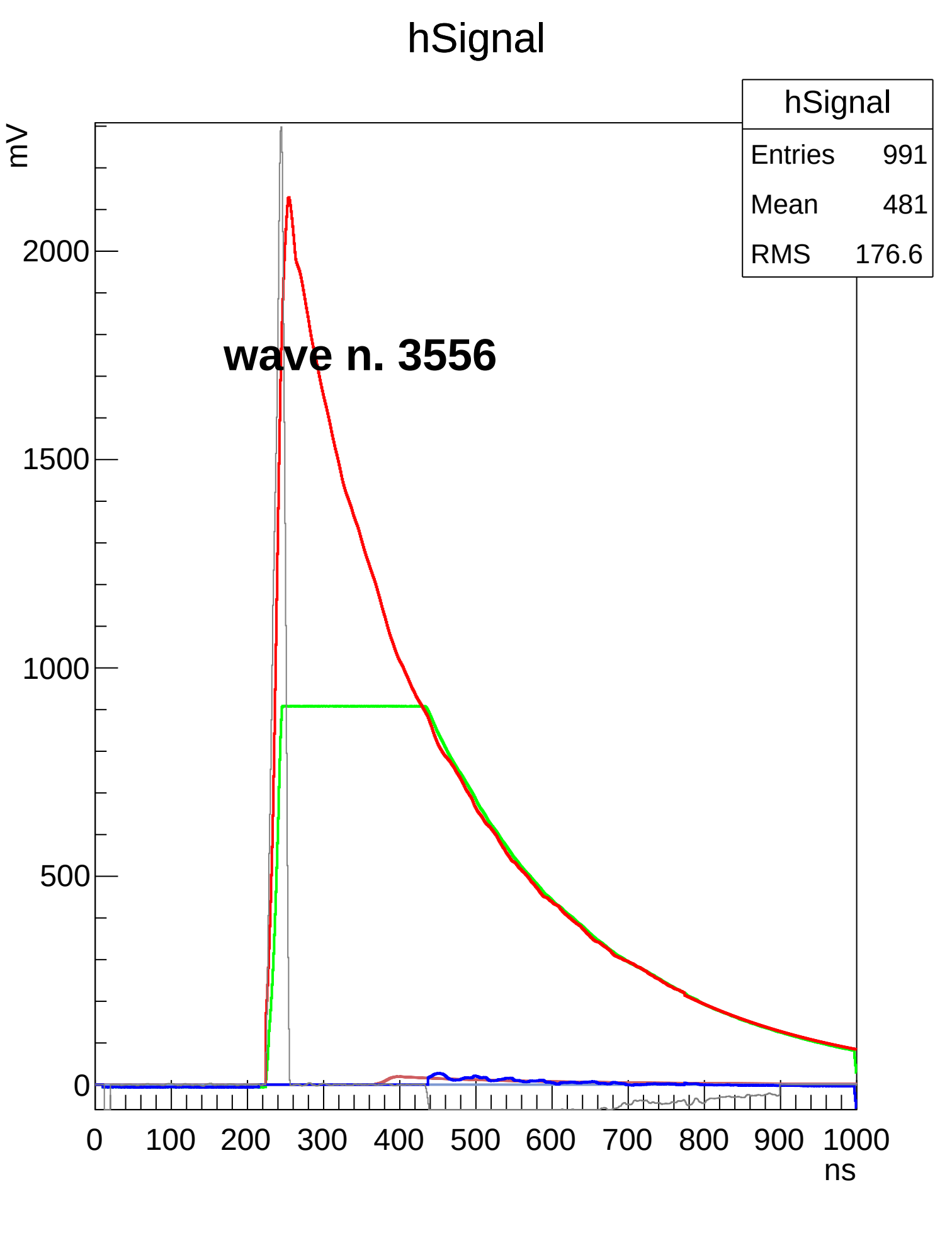
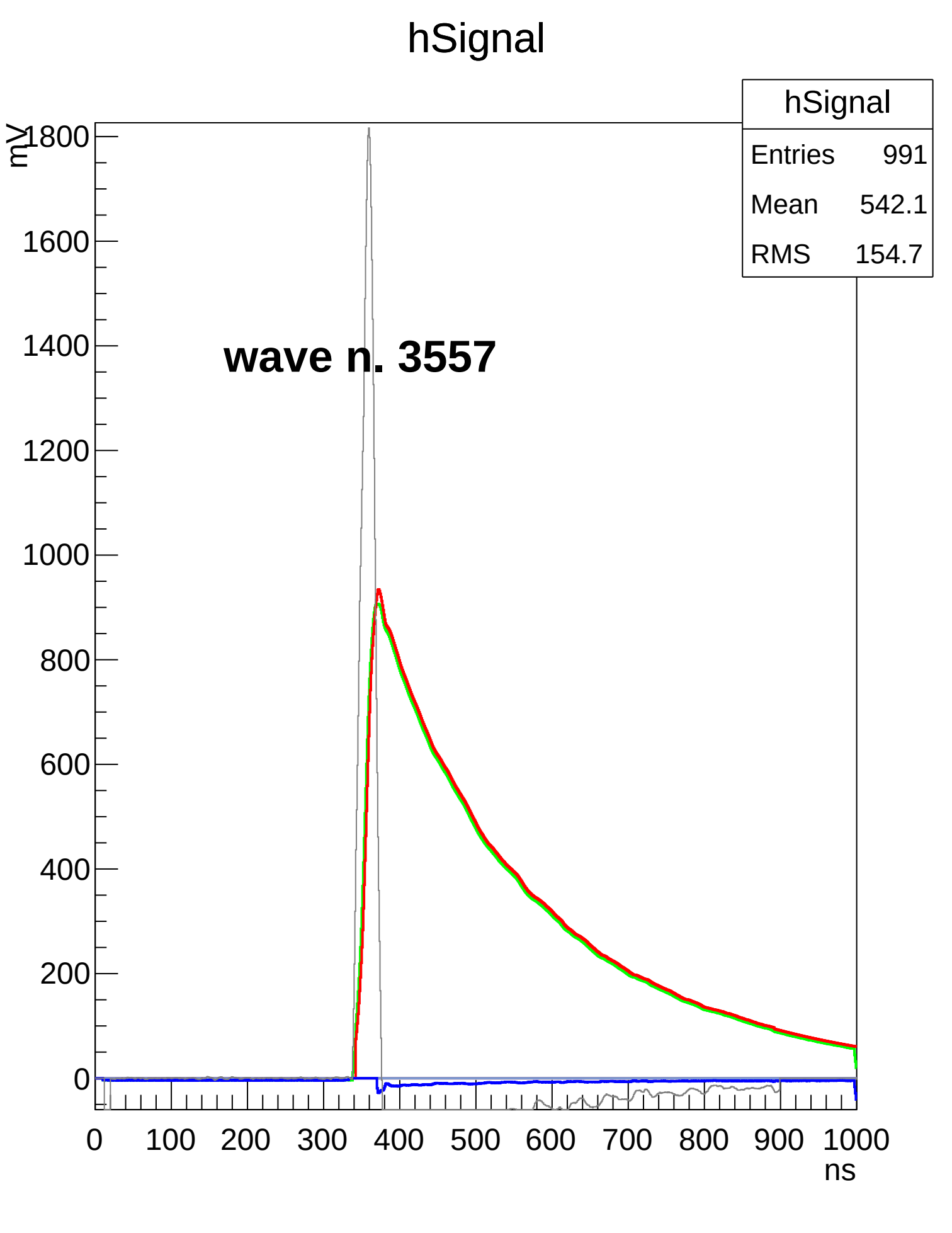
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481
RMS 176.6
wave n. 3556
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 542.1
RMS 154.7
wave n. 3557
mV
1800
1600
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600
400
200
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200
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400
500
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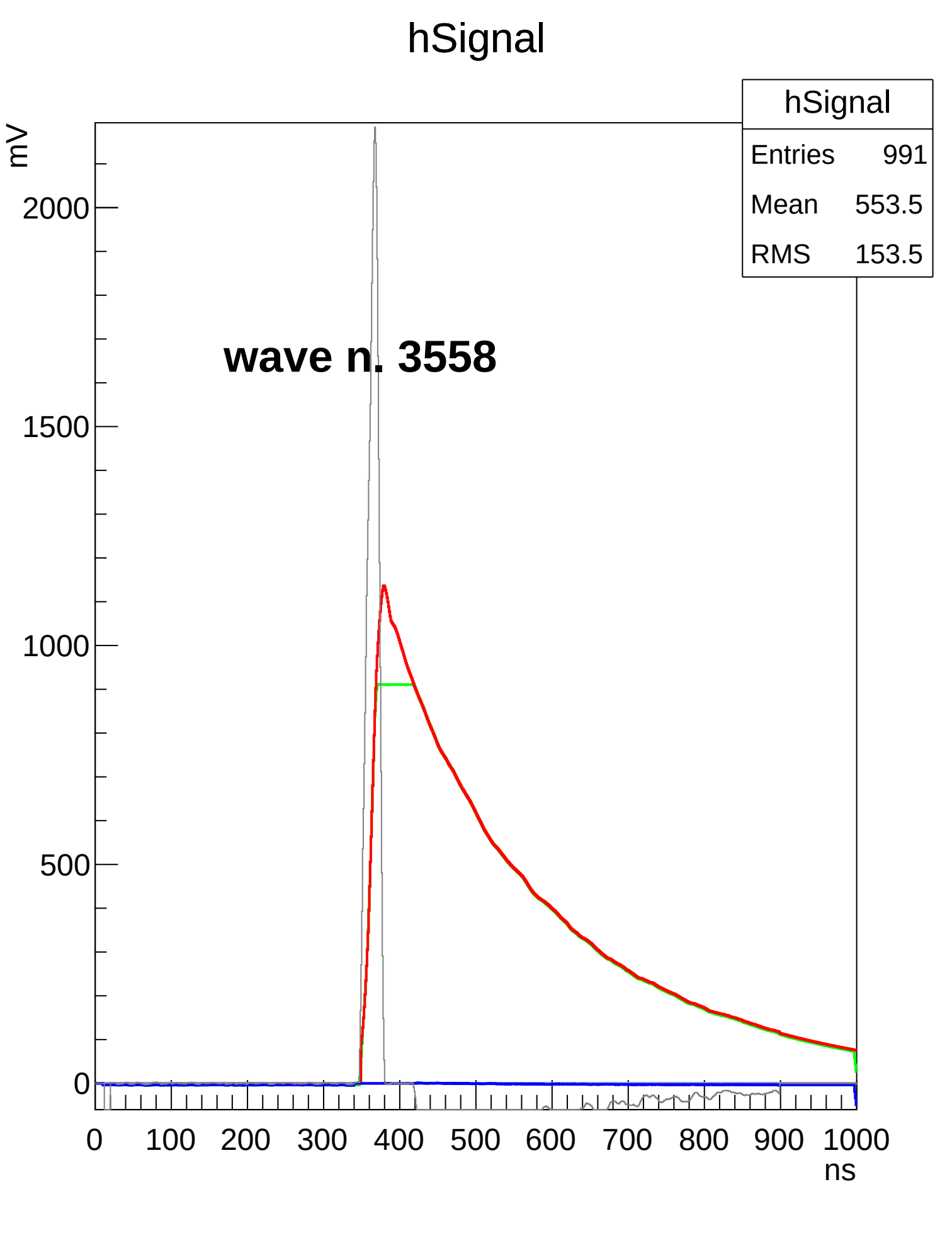
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.5
RMS 153.5
wave n. 3558
mV
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0
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400
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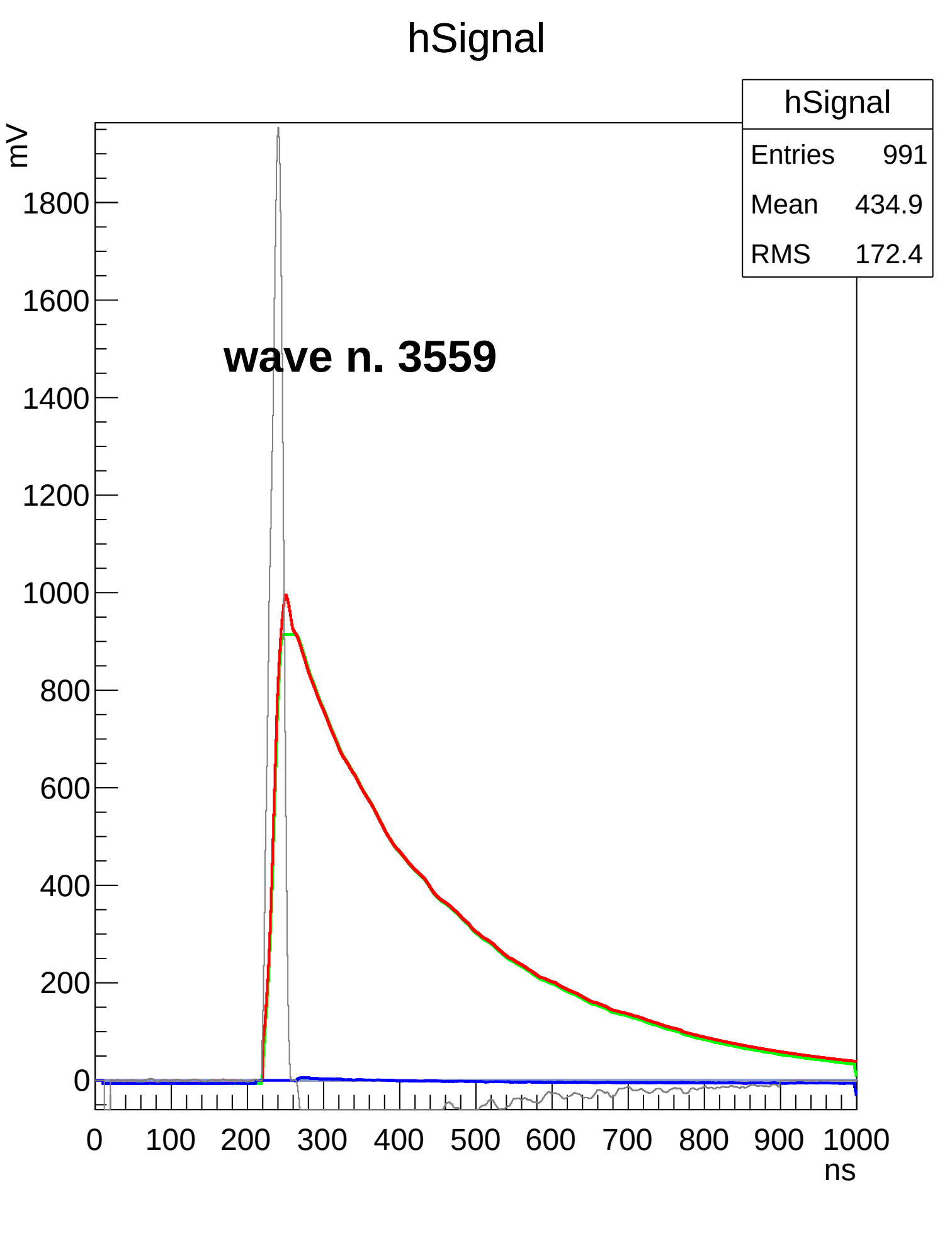
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 434.9
RMS 172.4
wave n. 3559
mV
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1600
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600
400
200
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0
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200
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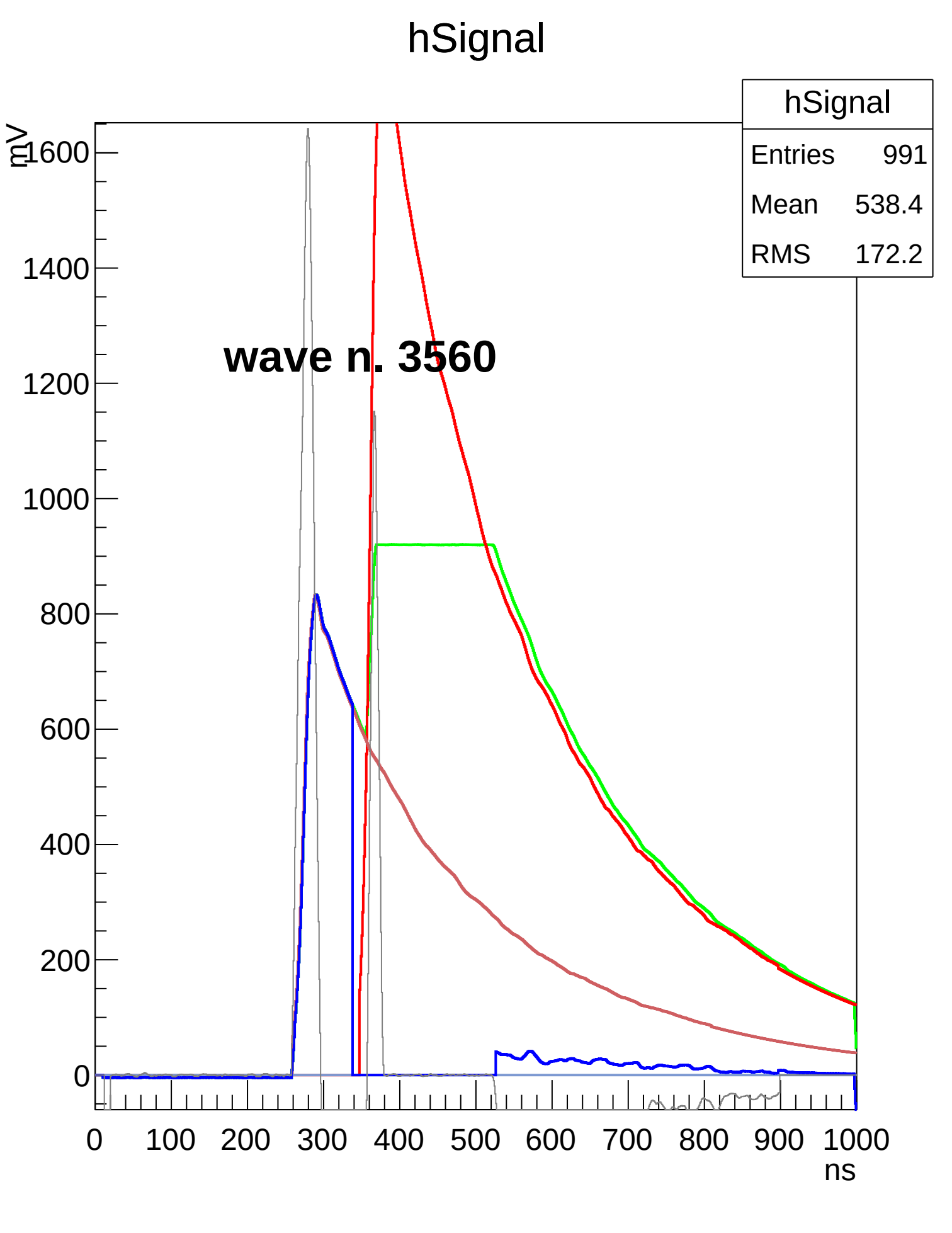
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 538.4
RMS 172.2
wave n. 3560
mV
1600
1400
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0
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200
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400
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600
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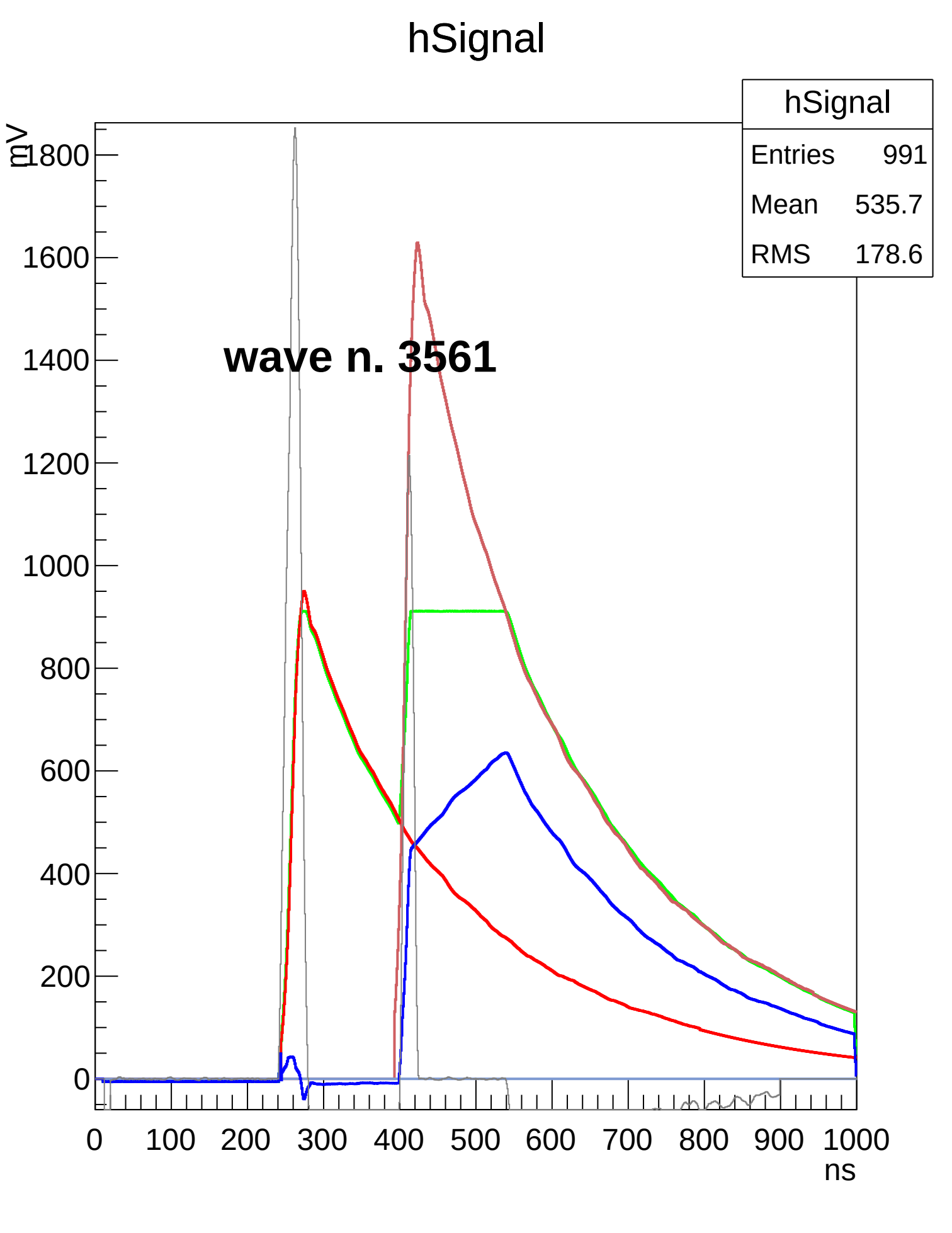
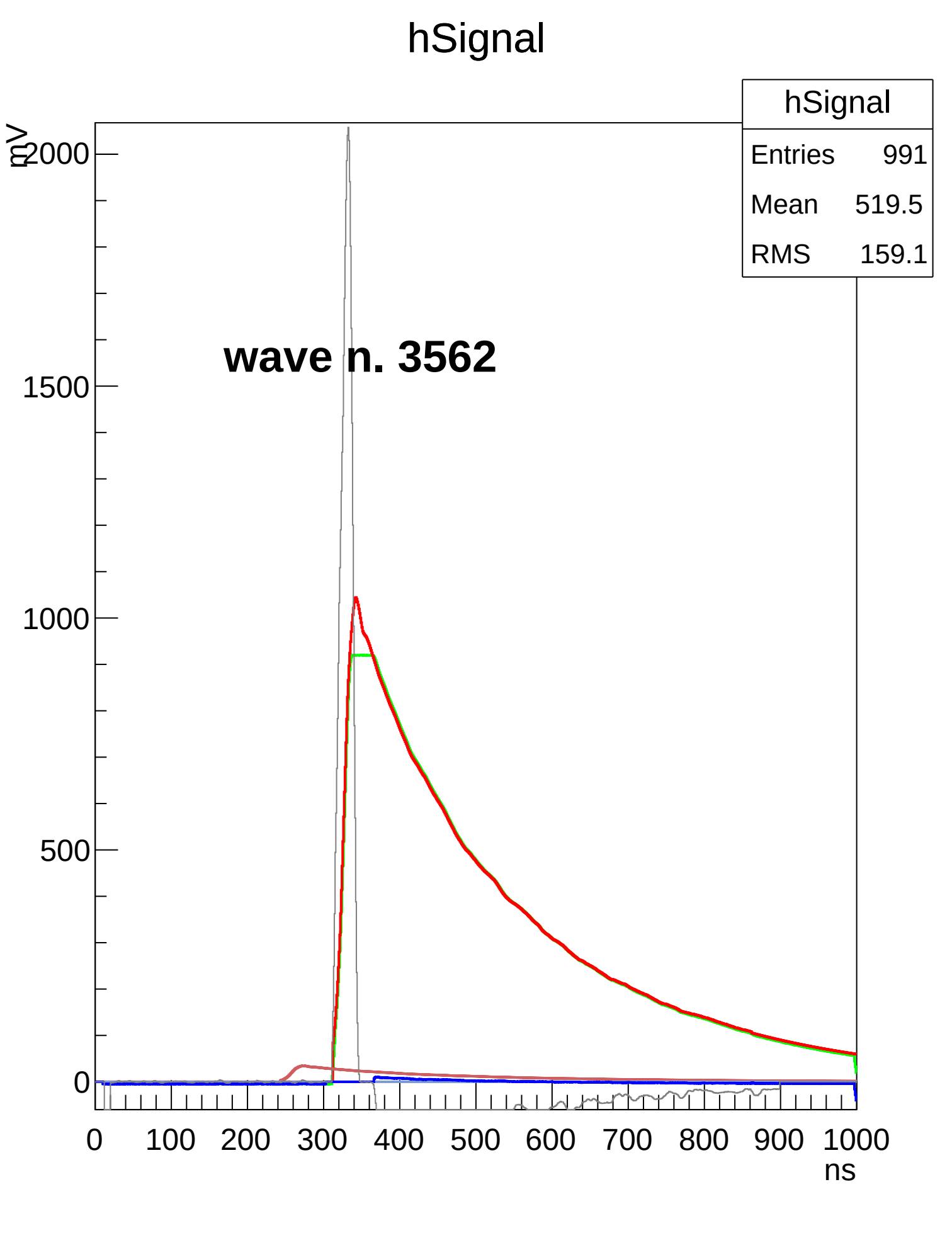
1000
ns


hSignal
hSignal
Entries 991
Mean 535.7
RMS 178.6
wave n. 3561
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 519.5
RMS 159.1
wave n. 3562
mV
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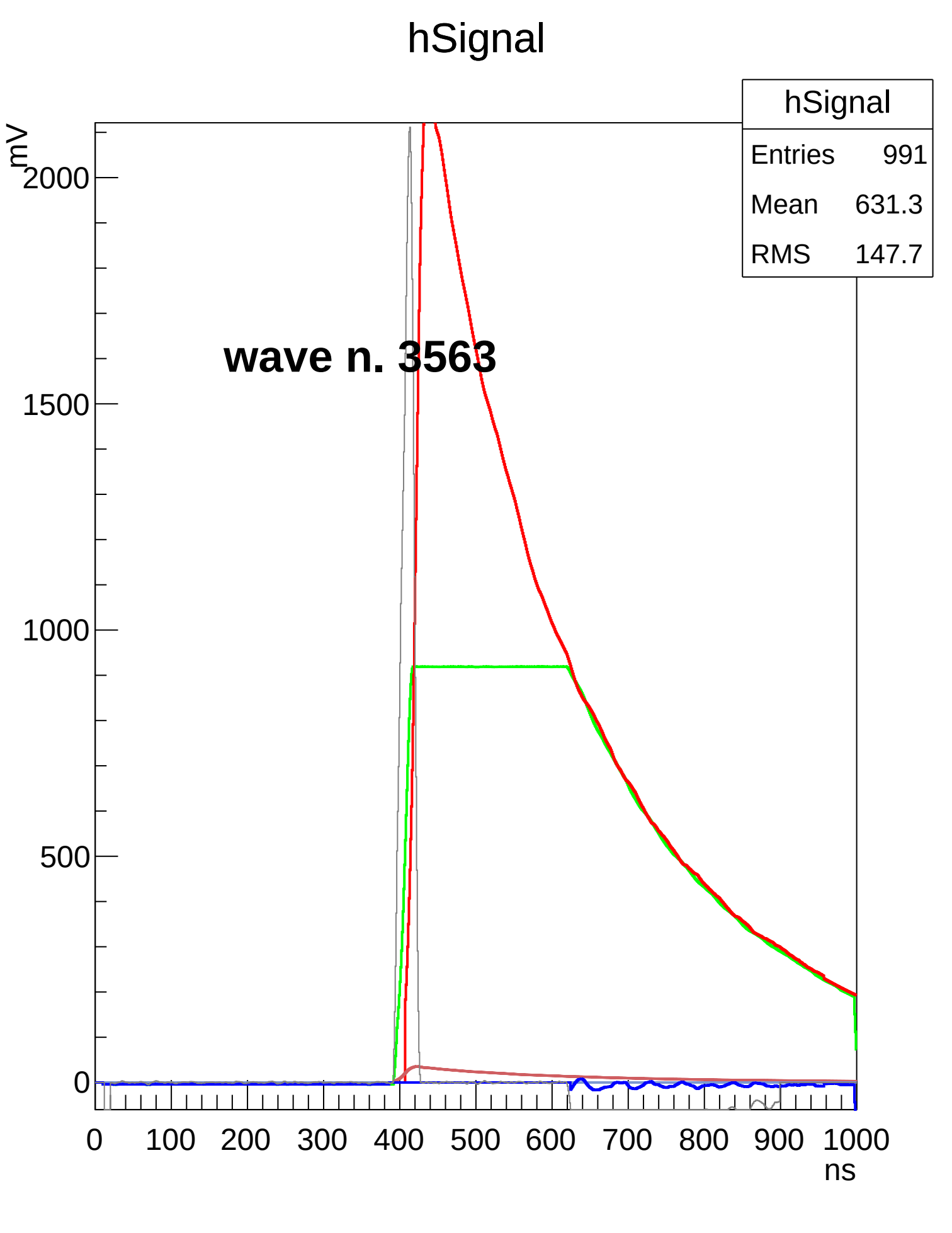
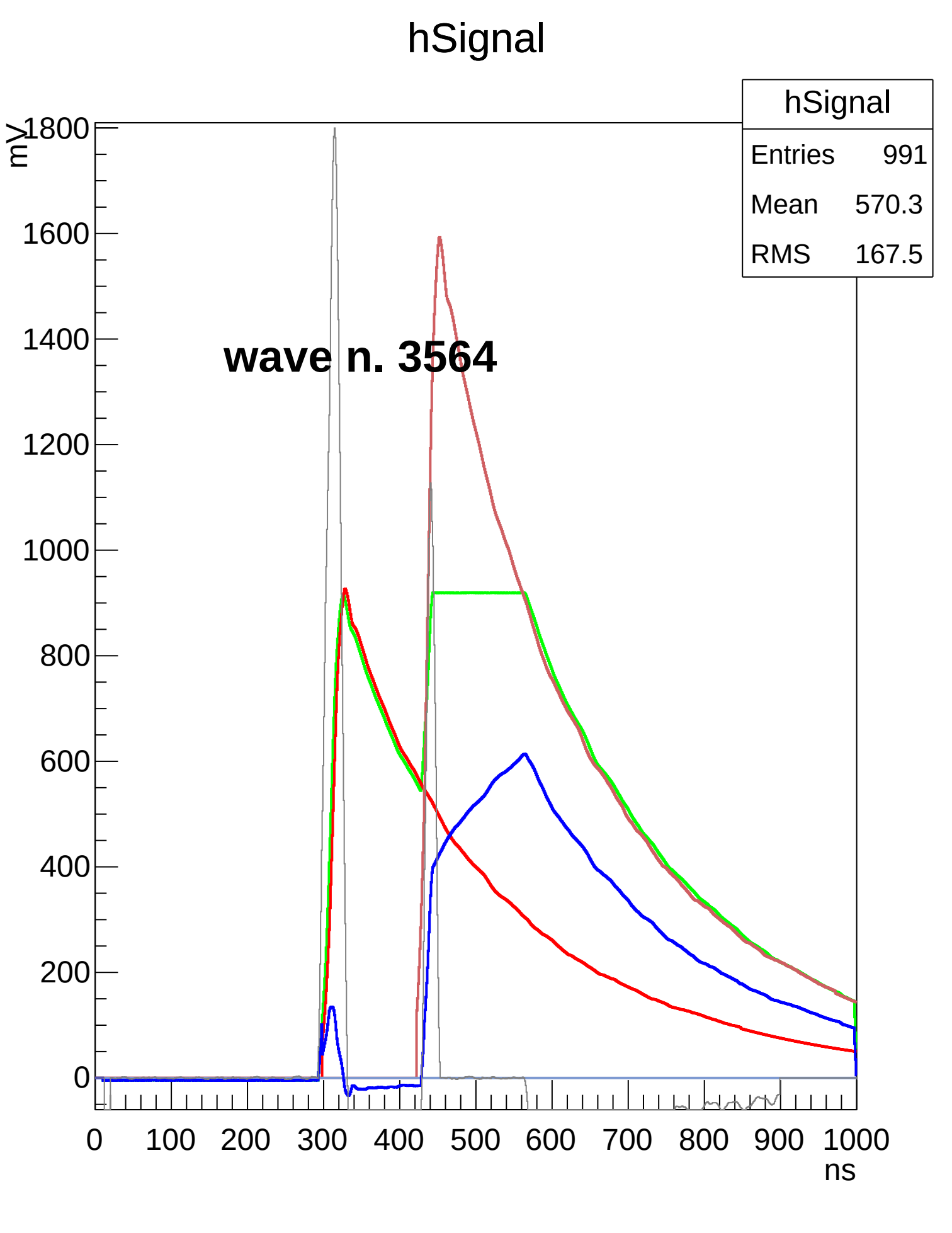
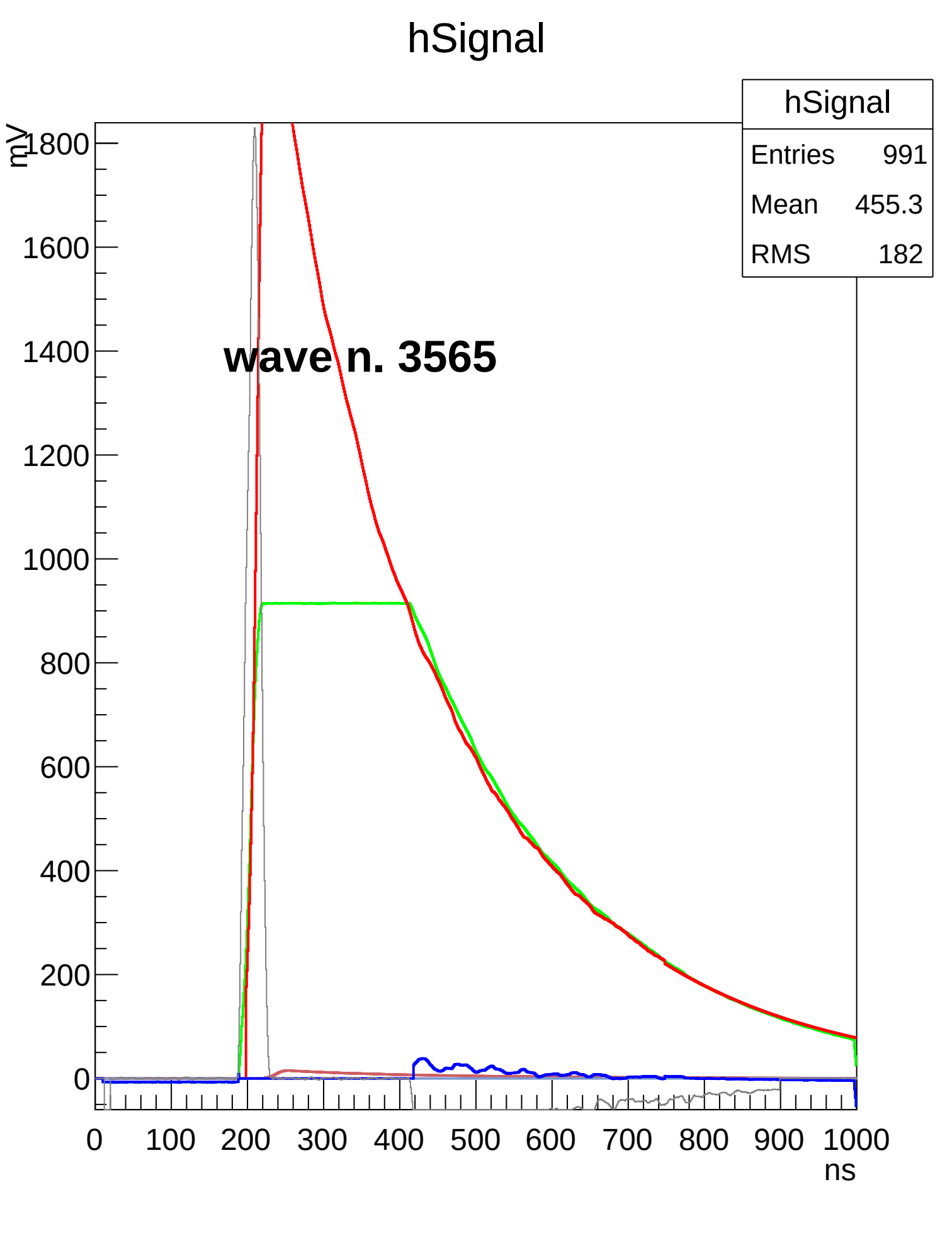
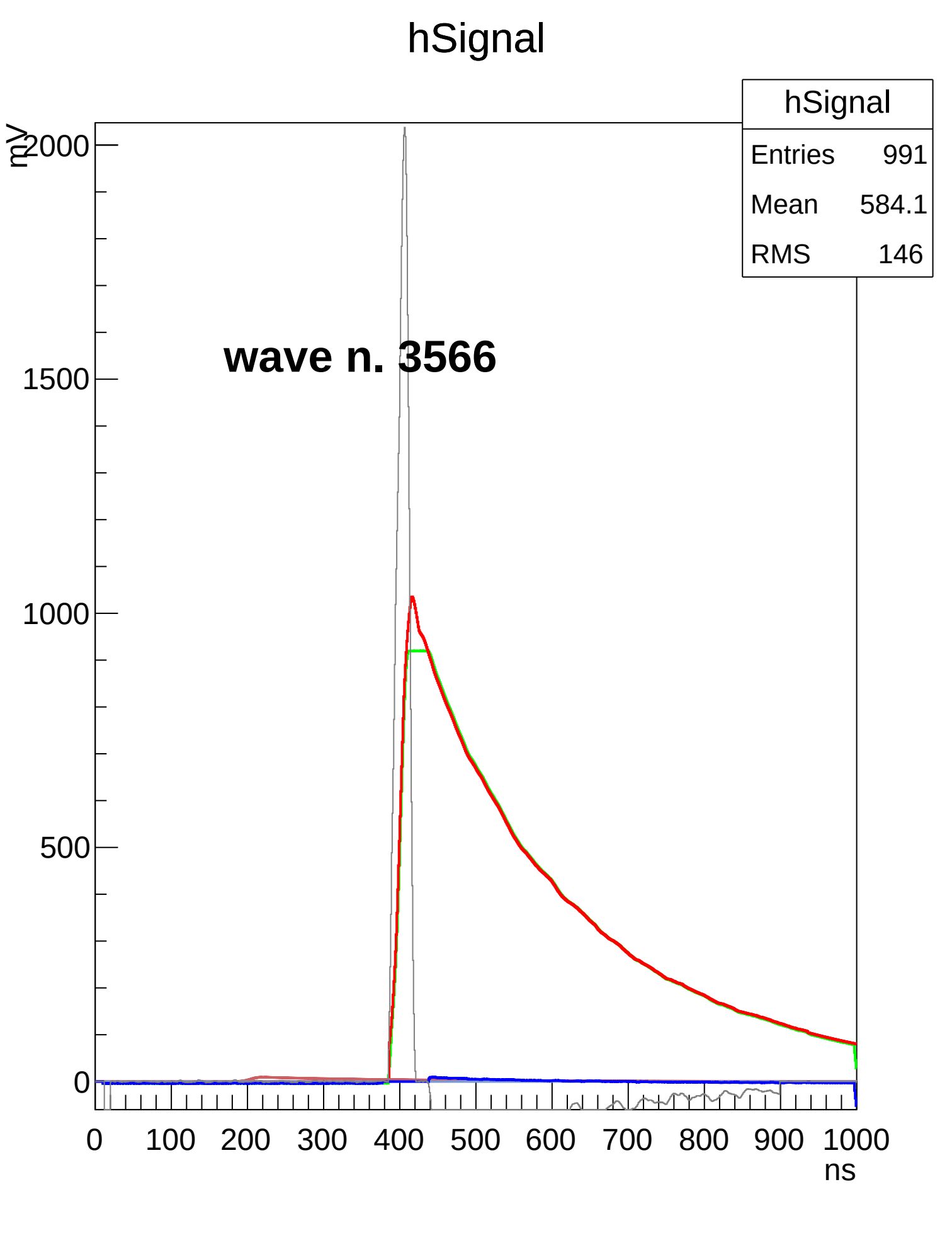
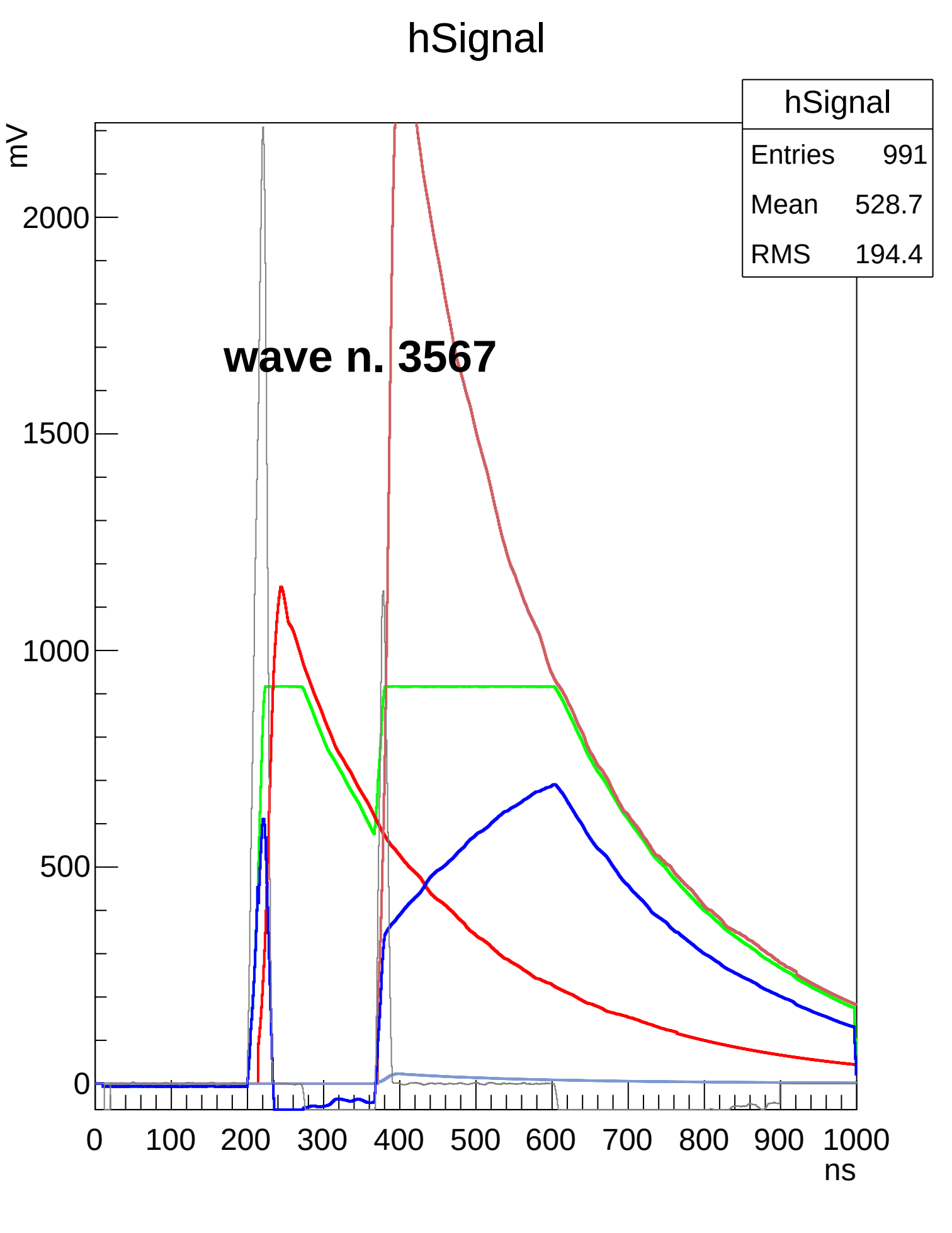
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

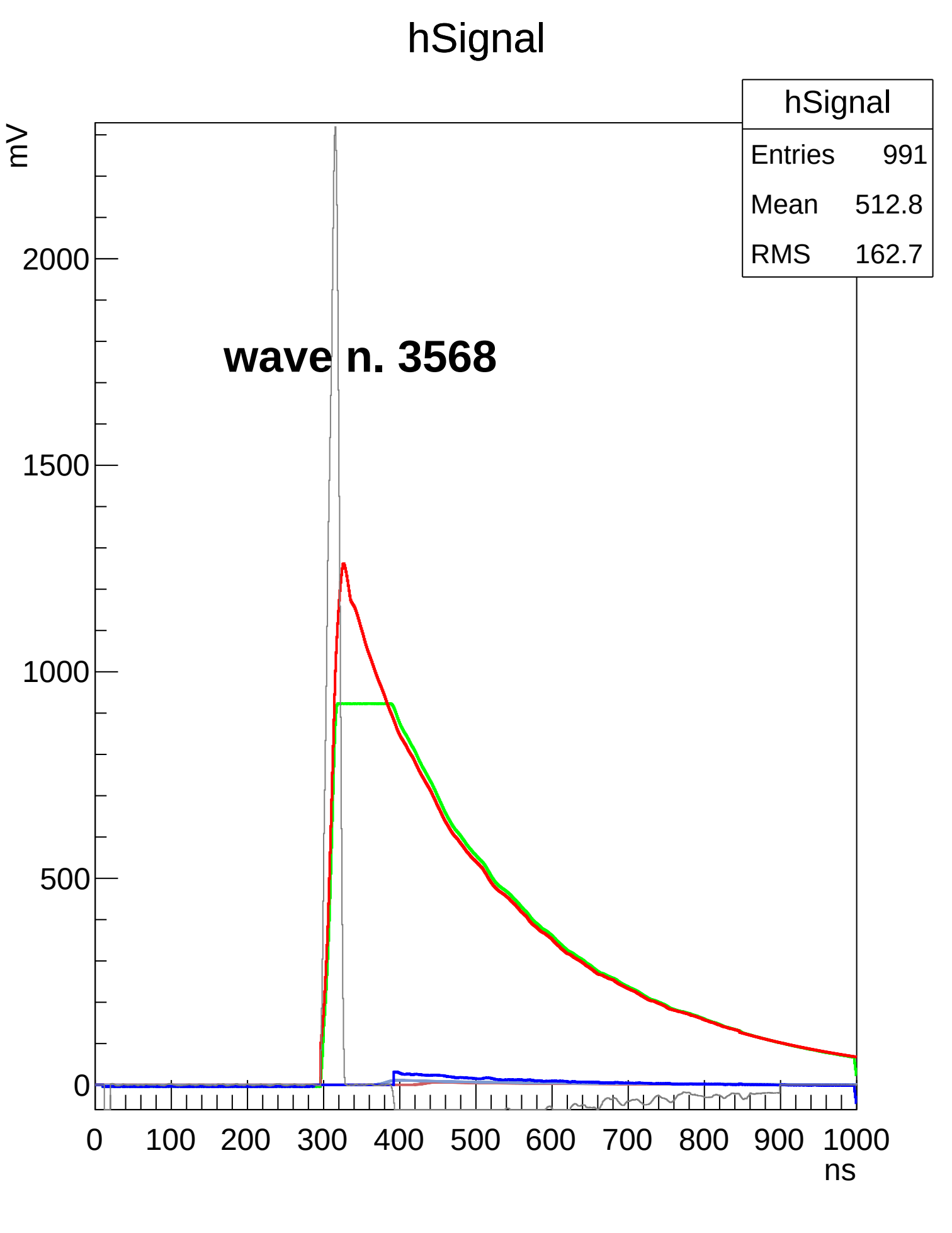

hSignal
hSignal
Entries 991
Mean 631.3
RMS 147.7
wave n. 3563
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

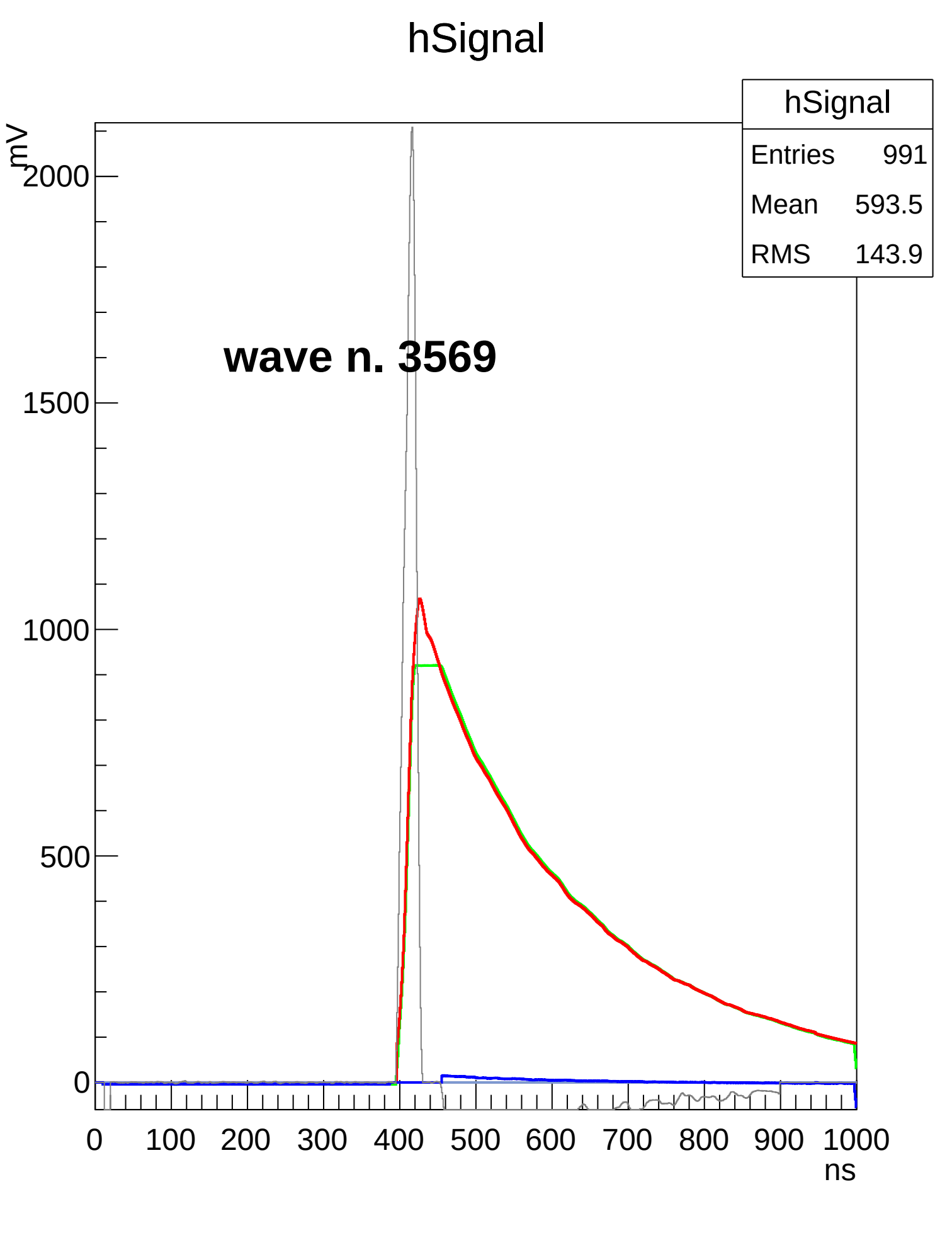

hSignal
hSignal
Entries 991
Mean 570.3
RMS 167.5
wave n. 3564
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

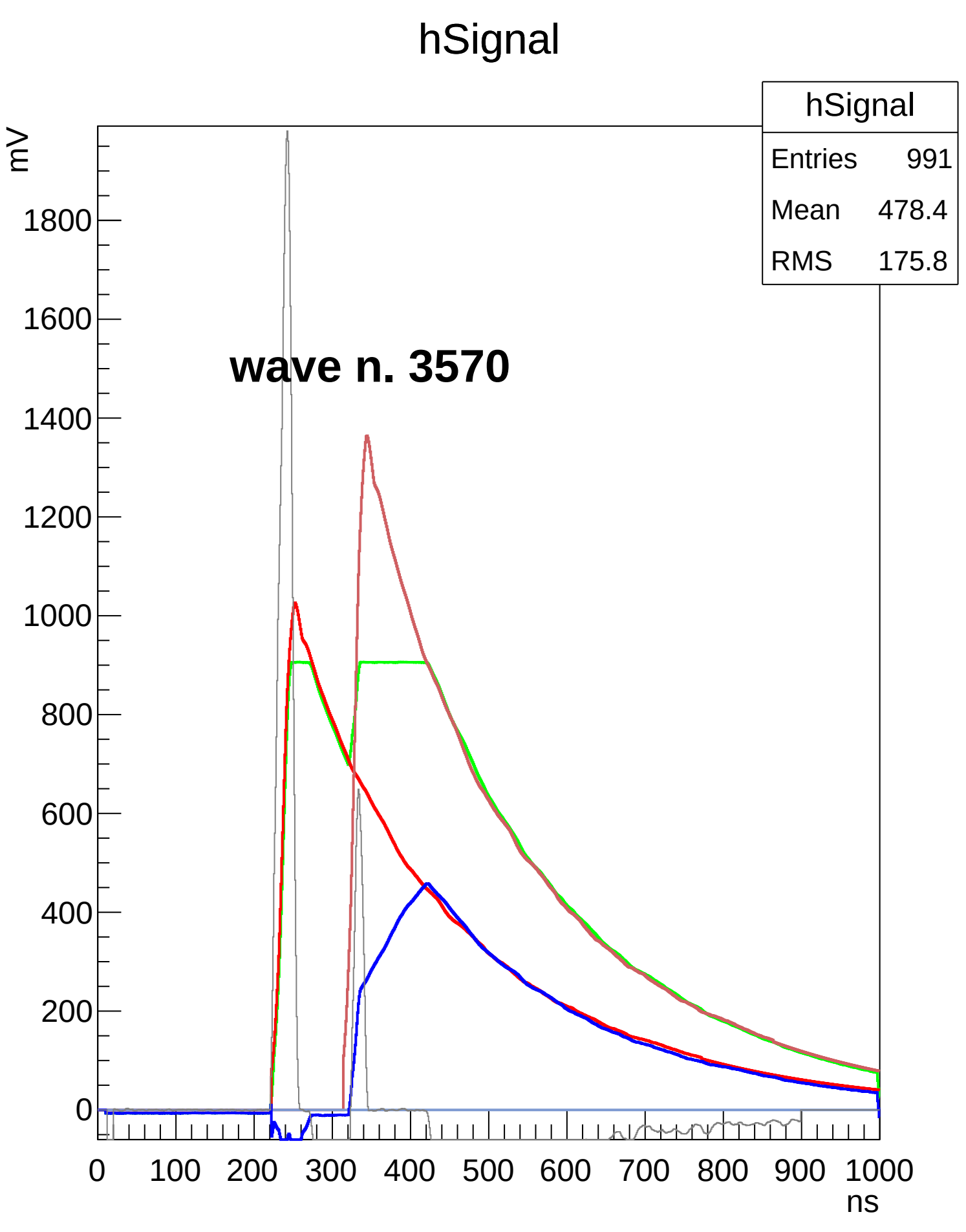

hSignal
hSignal
Entries 991
Mean 455.3
RMS 182
wave n. 3565
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

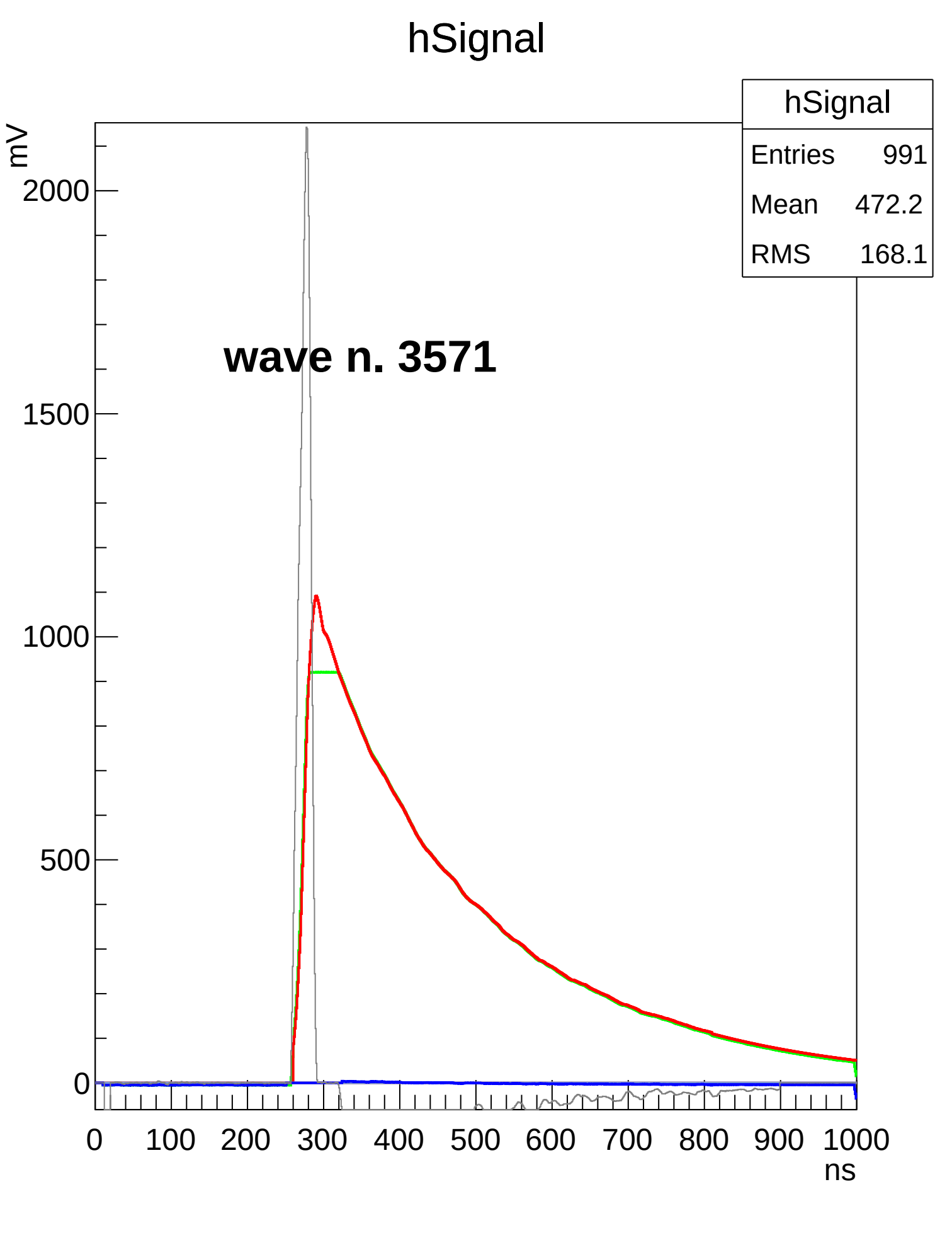

hSignal
hSignal
Entries 991
Mean 584.1
RMS 146
wave n. 3566
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 528.7
RMS 194.4
wave n. 3567
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 512.8
RMS 162.7
wave n. 3568
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 593.5
RMS 143.9
wave n. 3569
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 478.4
RMS 175.8
wave n. 3570
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 472.2
RMS 168.1
wave n. 3571
mV
2000
1500
1000
500
0
0
100
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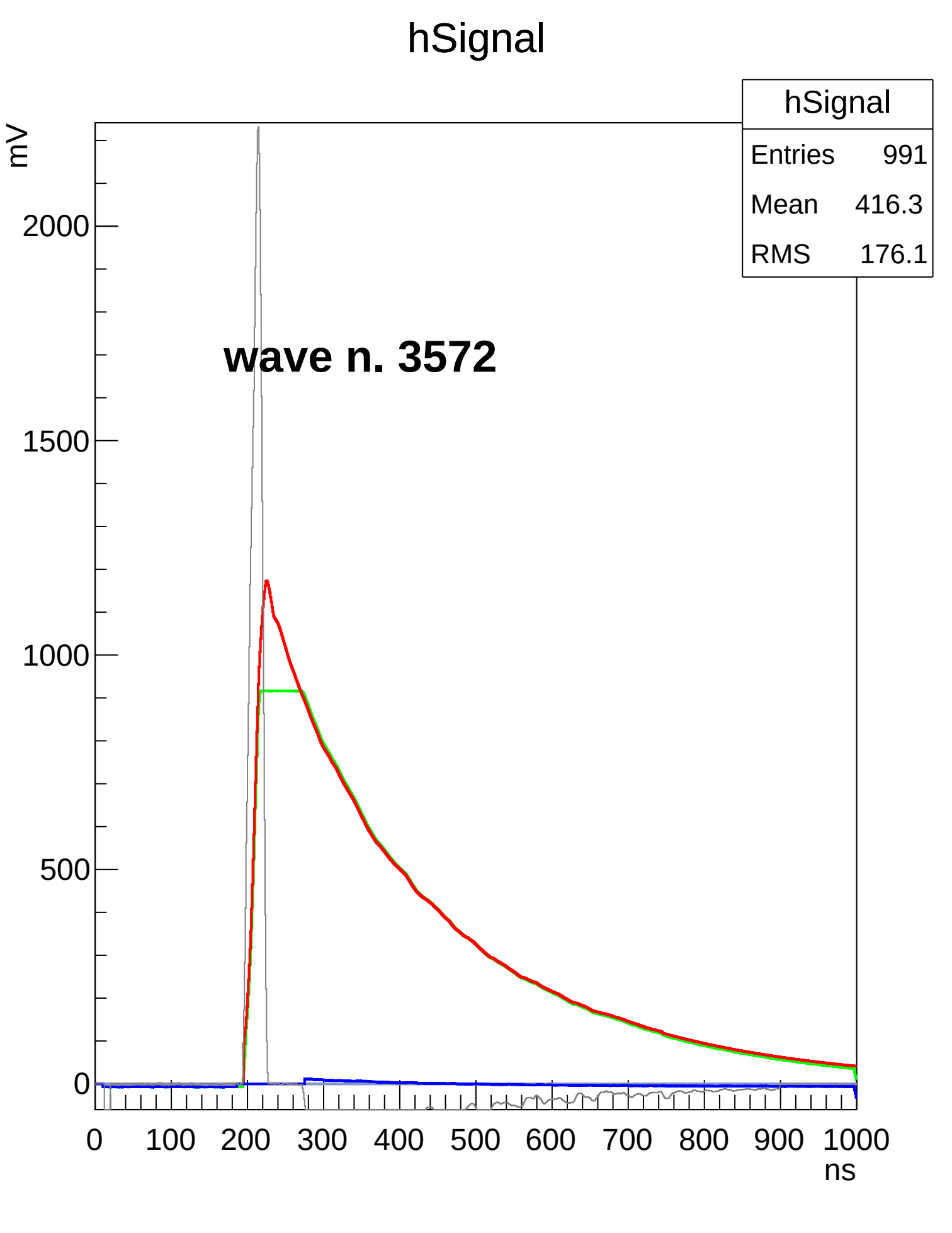
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 416.3
RMS 176.1
wave n. 3572
mV
2000
1500
1000
500
0
0
100
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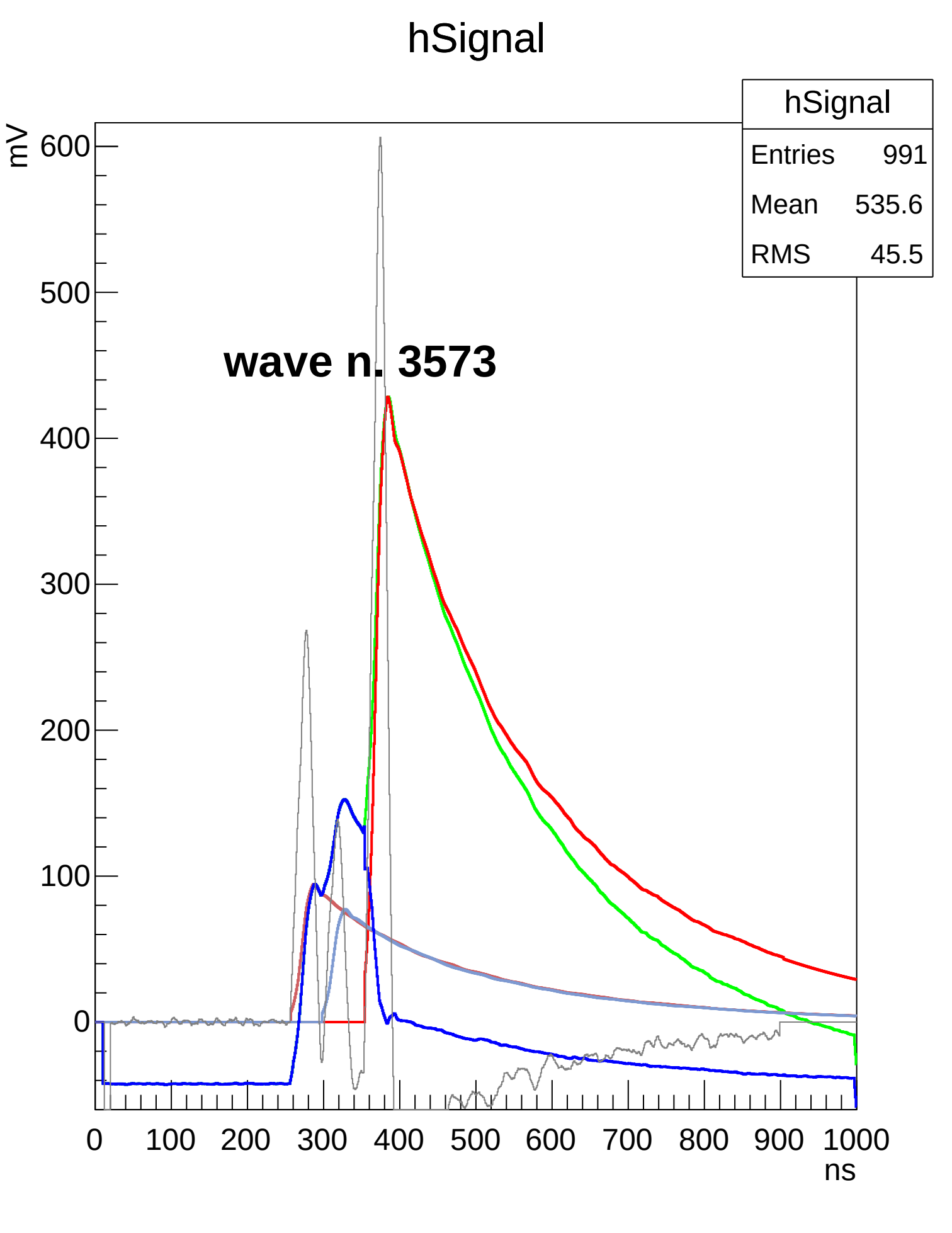
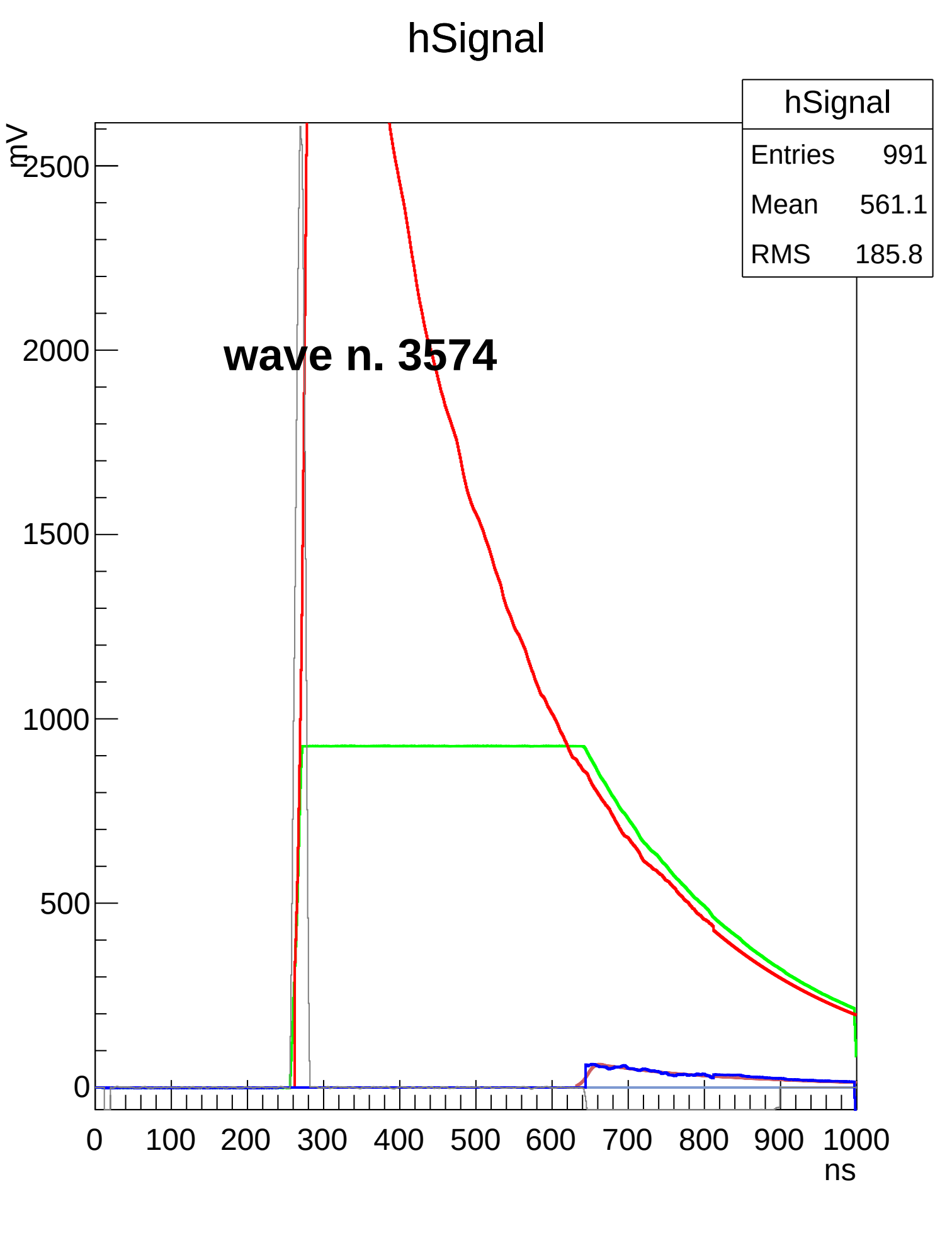
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 535.6
RMS 45.5
wave n. 3573
mV
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.1
RMS 185.8
wave n. 3574
mV
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1500
1000
500
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0
100
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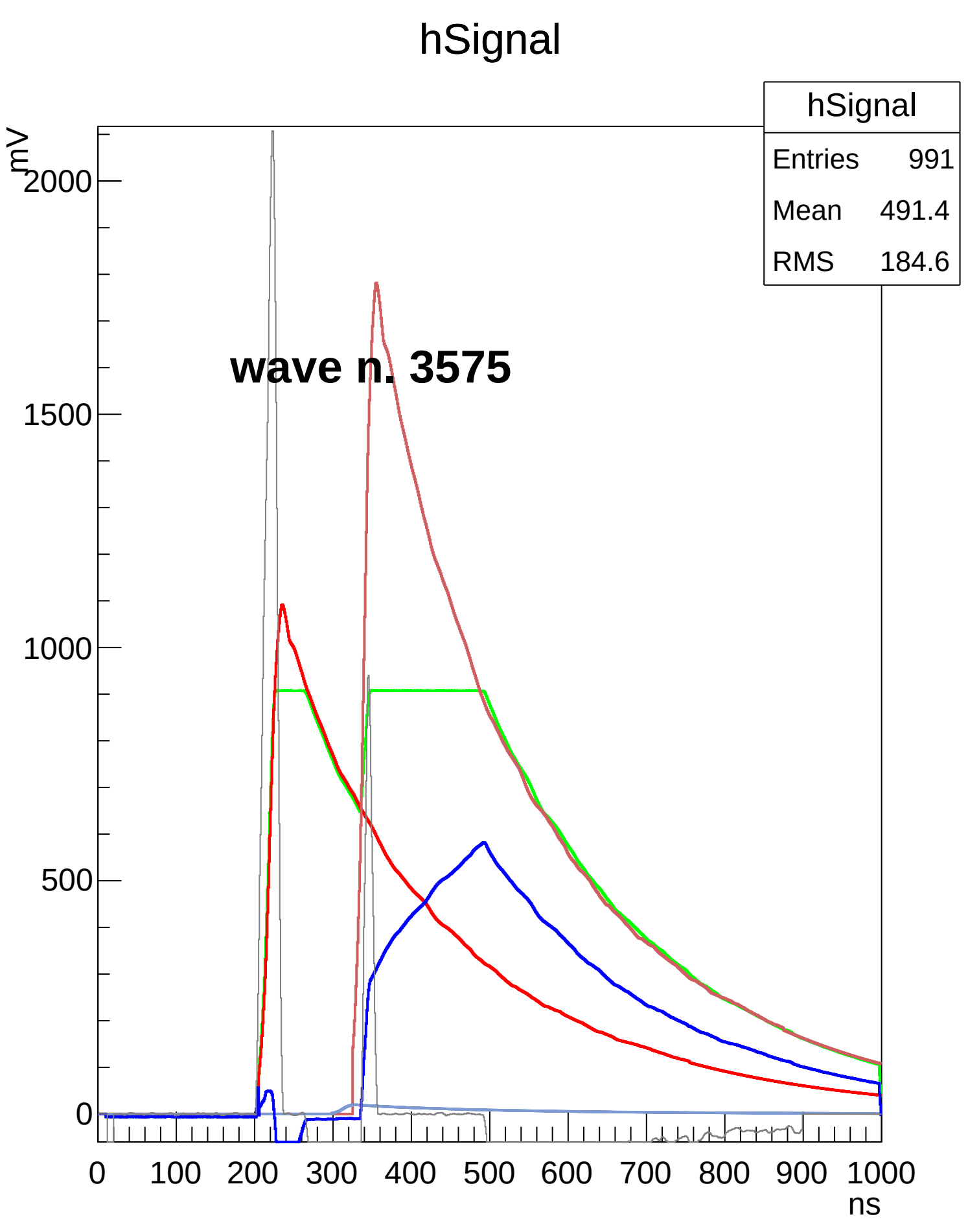
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 491.4
RMS 184.6
wave n. 3575
mV
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1500
1000
500
0
0
100
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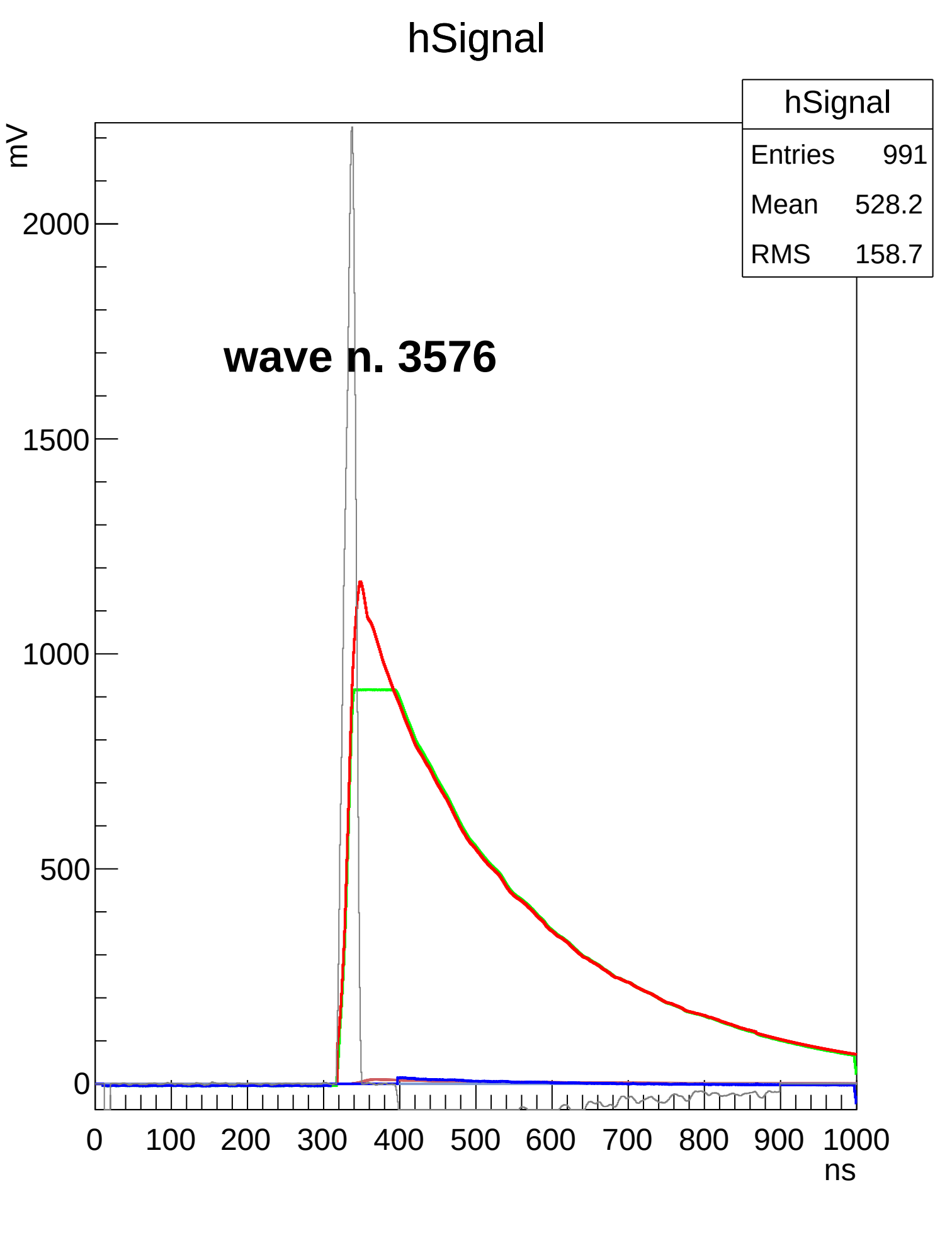
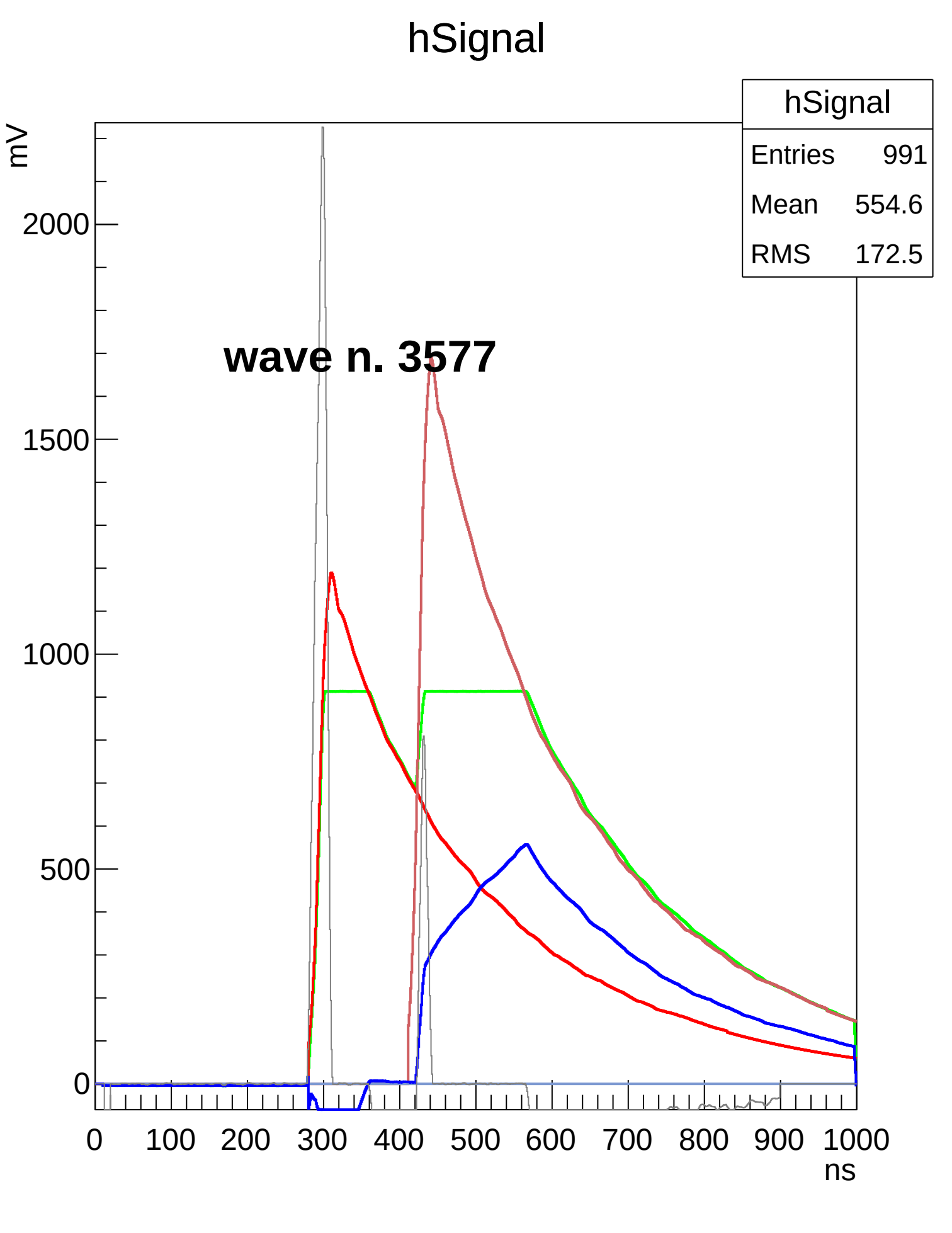
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 528.2
RMS 158.7
wave n. 3576
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 554.6
RMS 172.5
wave n. 3577
mV
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500
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0
100
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400
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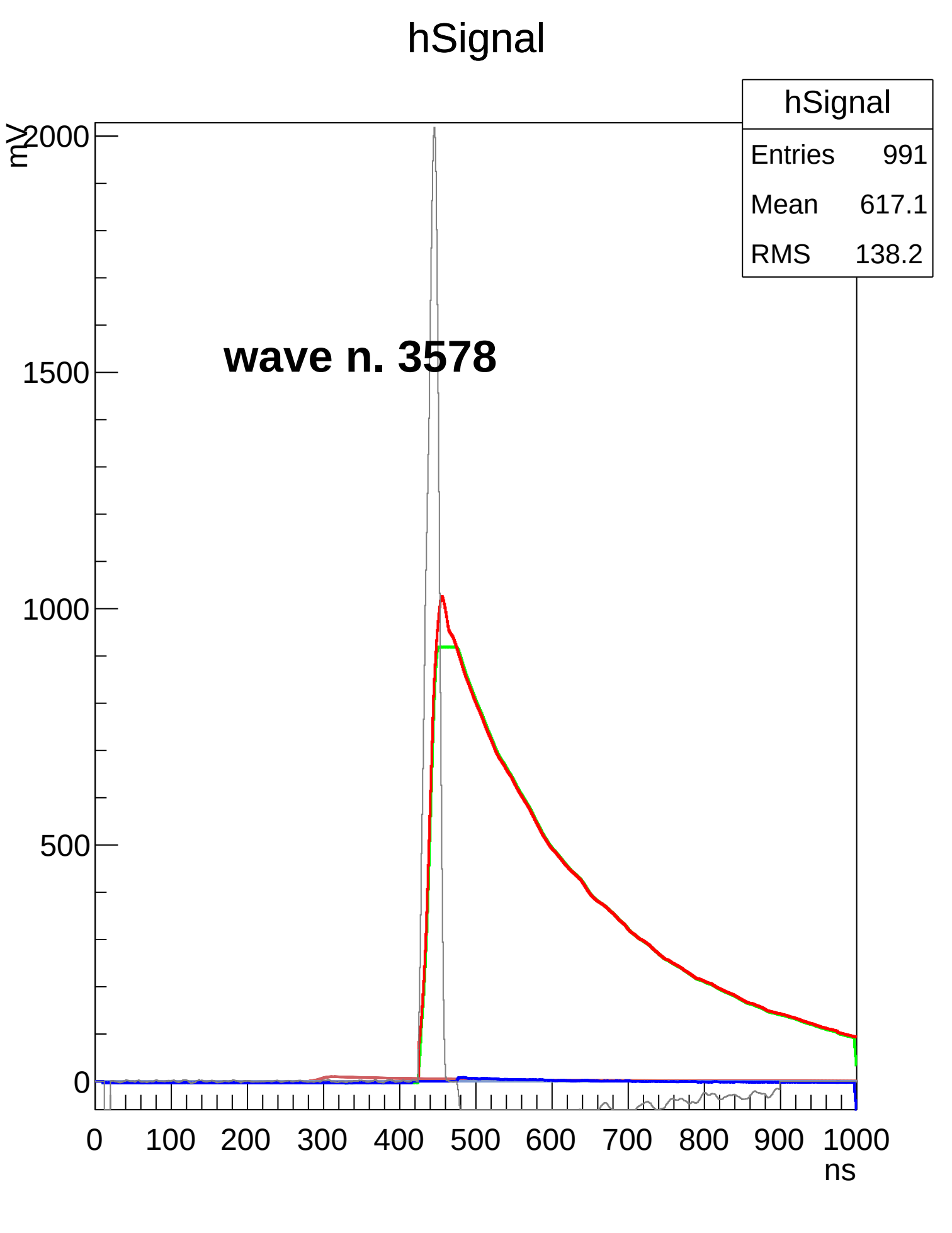
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 617.1
RMS 138.2
wave n. 3578
mV
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1500
1000
500
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0
100
200
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400
500
600
700
800
900
1000
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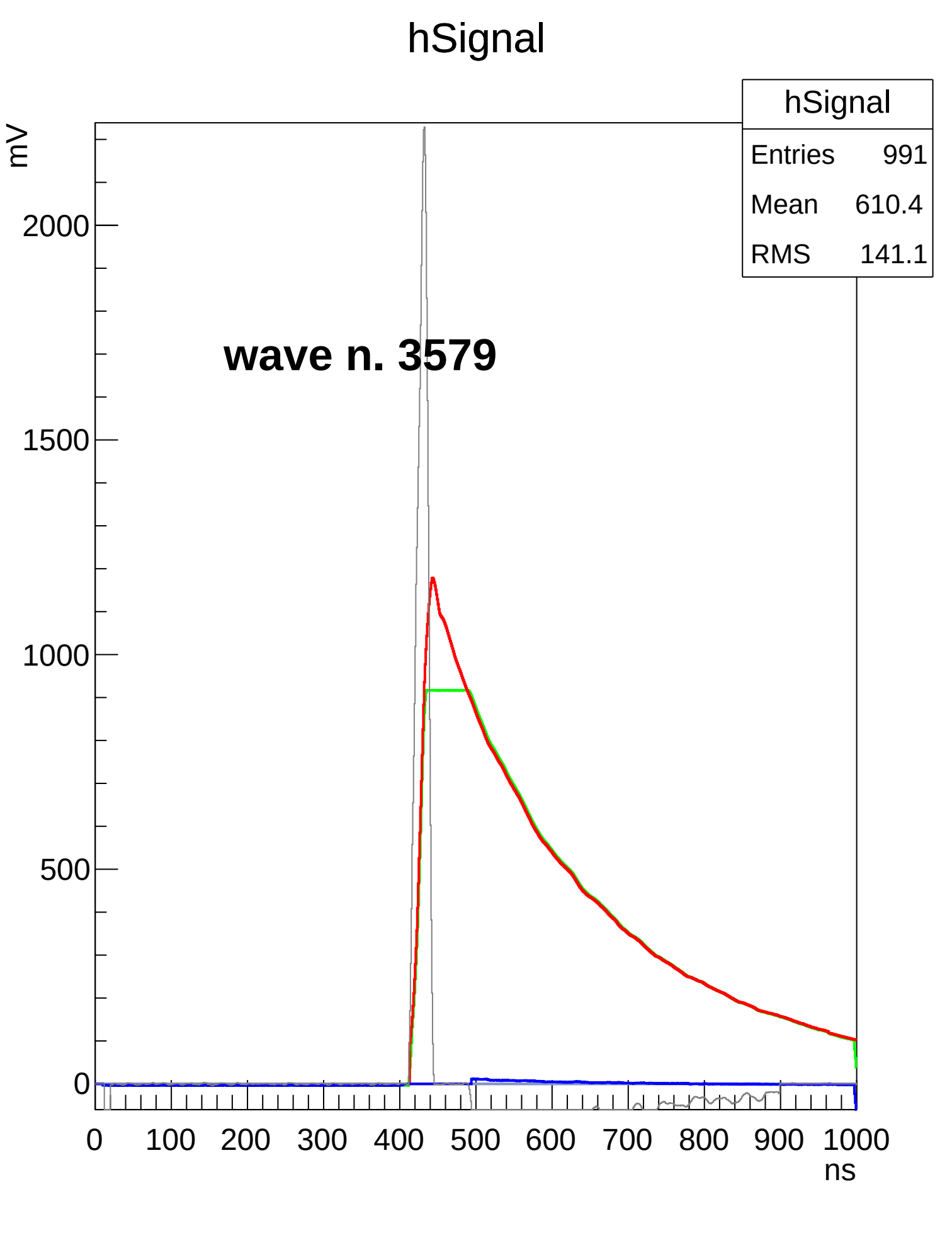
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hSignal
Entries 991
Mean 610.4
RMS 141.1
wave n. 3579
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400
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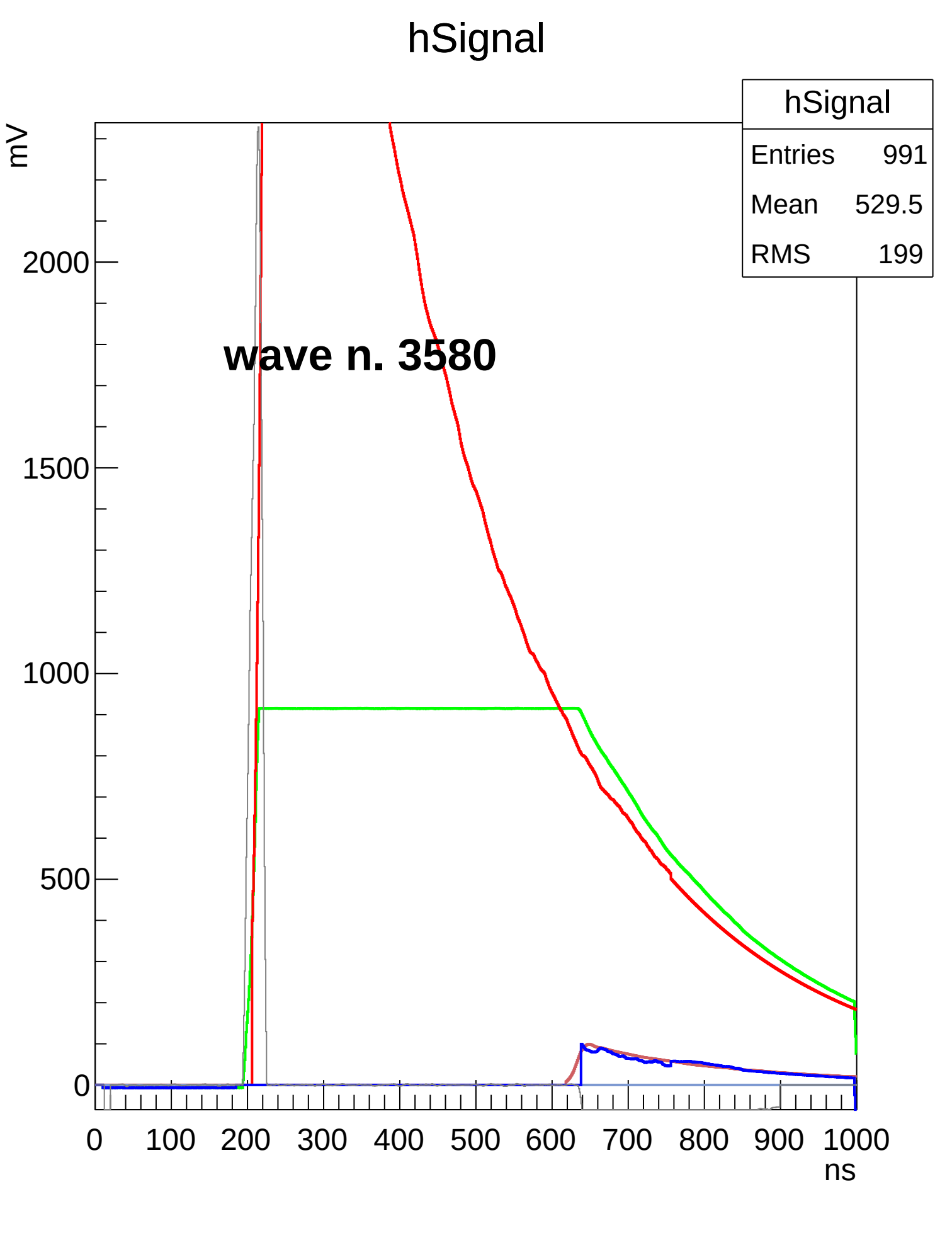
1000
ns


hSignal
hSignal
Entries 991
Mean 529.5
RMS 199
wave n. 3580
mV
2000
1500
1000
500
0
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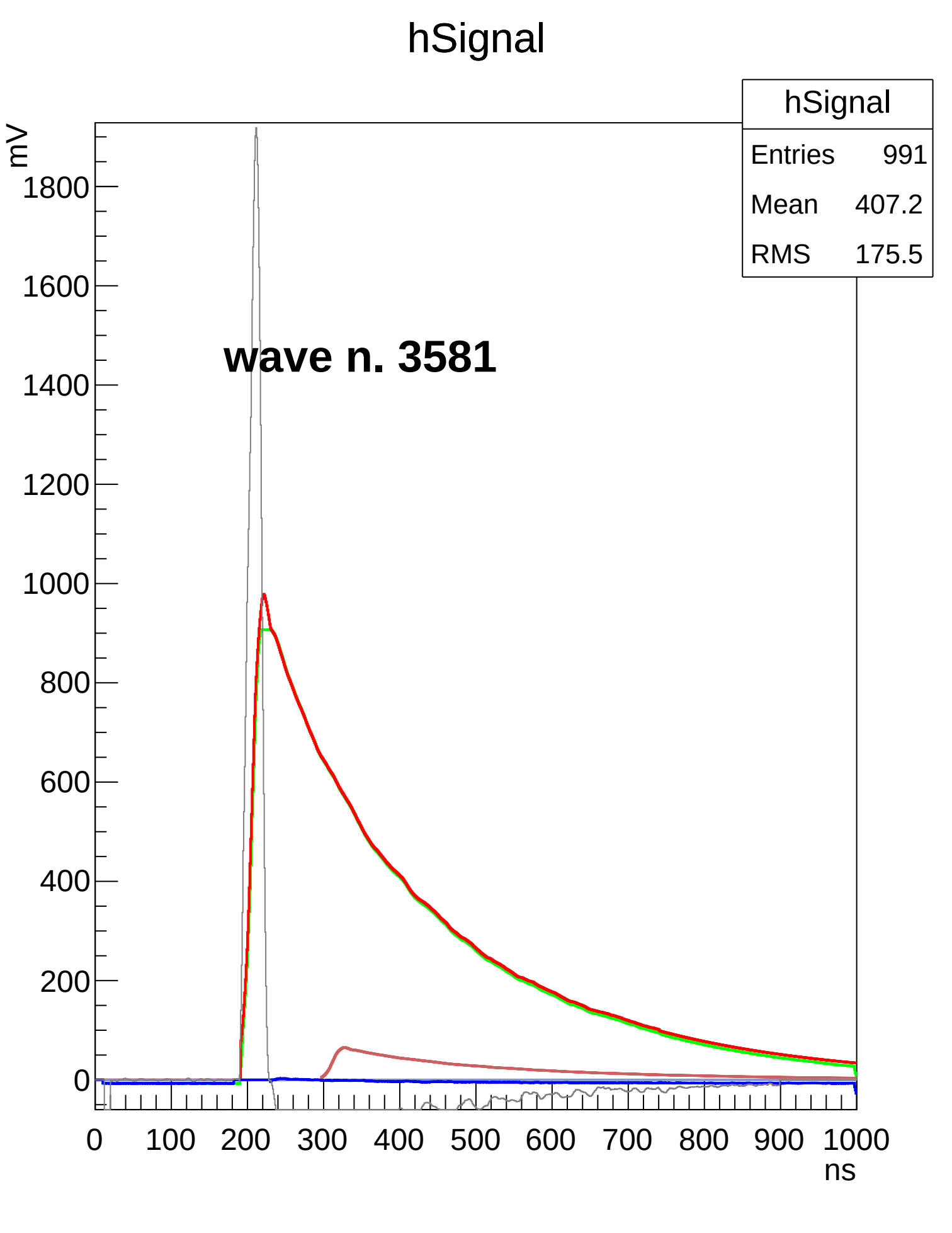
ns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hSignal
Entries 991
Mean 407.2
RMS 175.5
wave n. 3581
mV
1800
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1000
800
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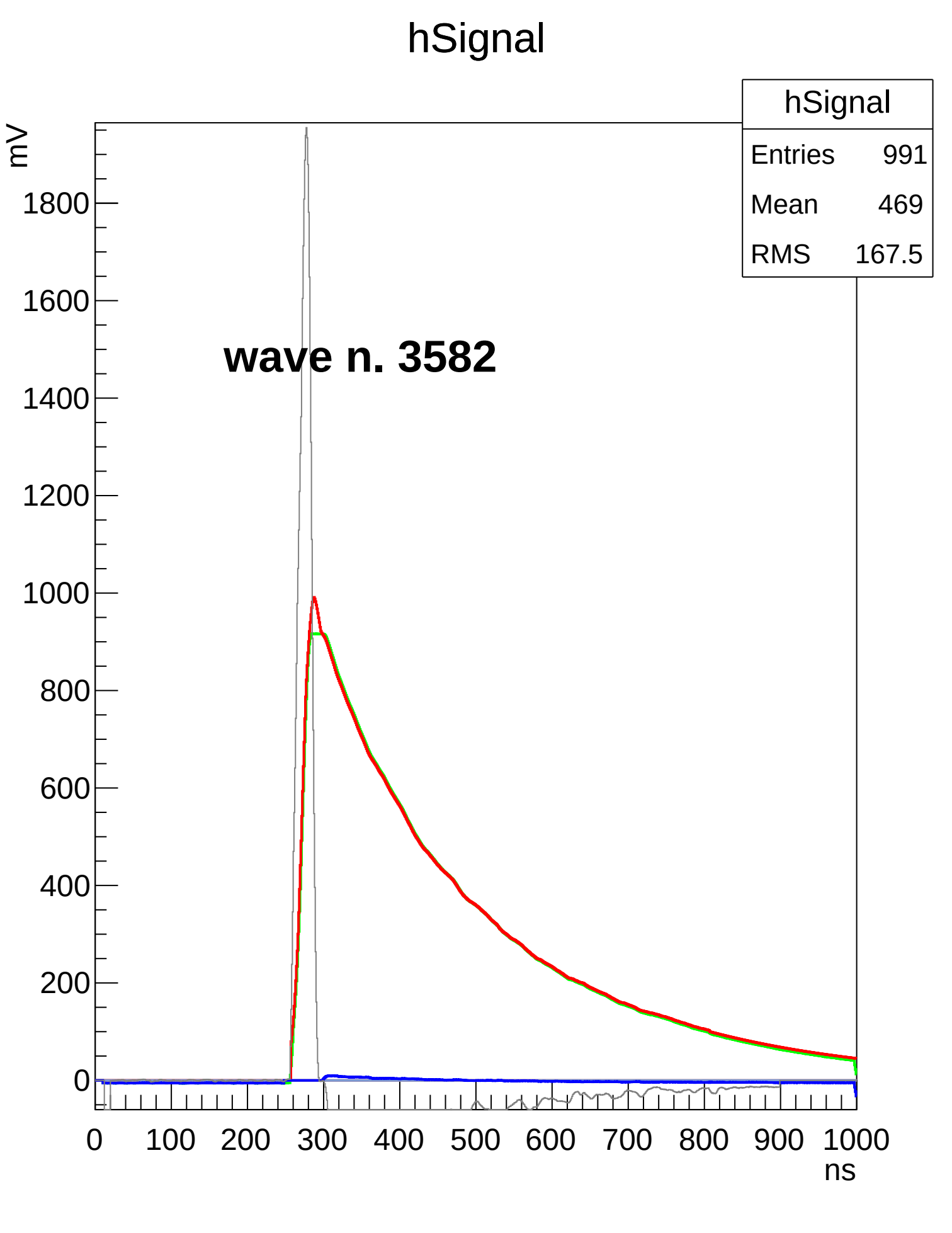
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 469
RMS 167.5
wave n. 3582
mV
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1000
800
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400
200
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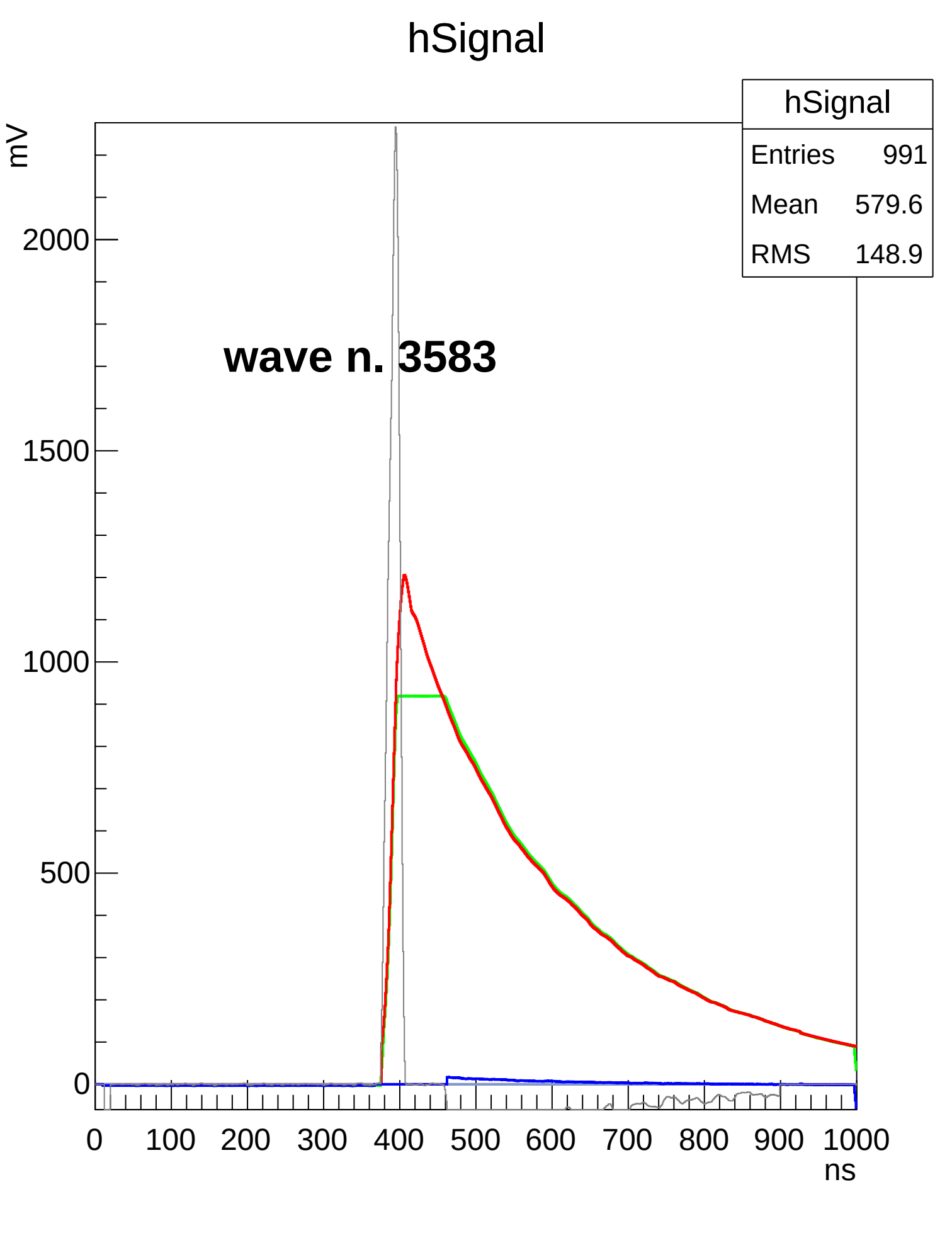
ns


hSignal
hSignal
Entries 991
Mean 579.6
RMS 148.9
wave n. 3583
mV
2000
1500
1000
500
0
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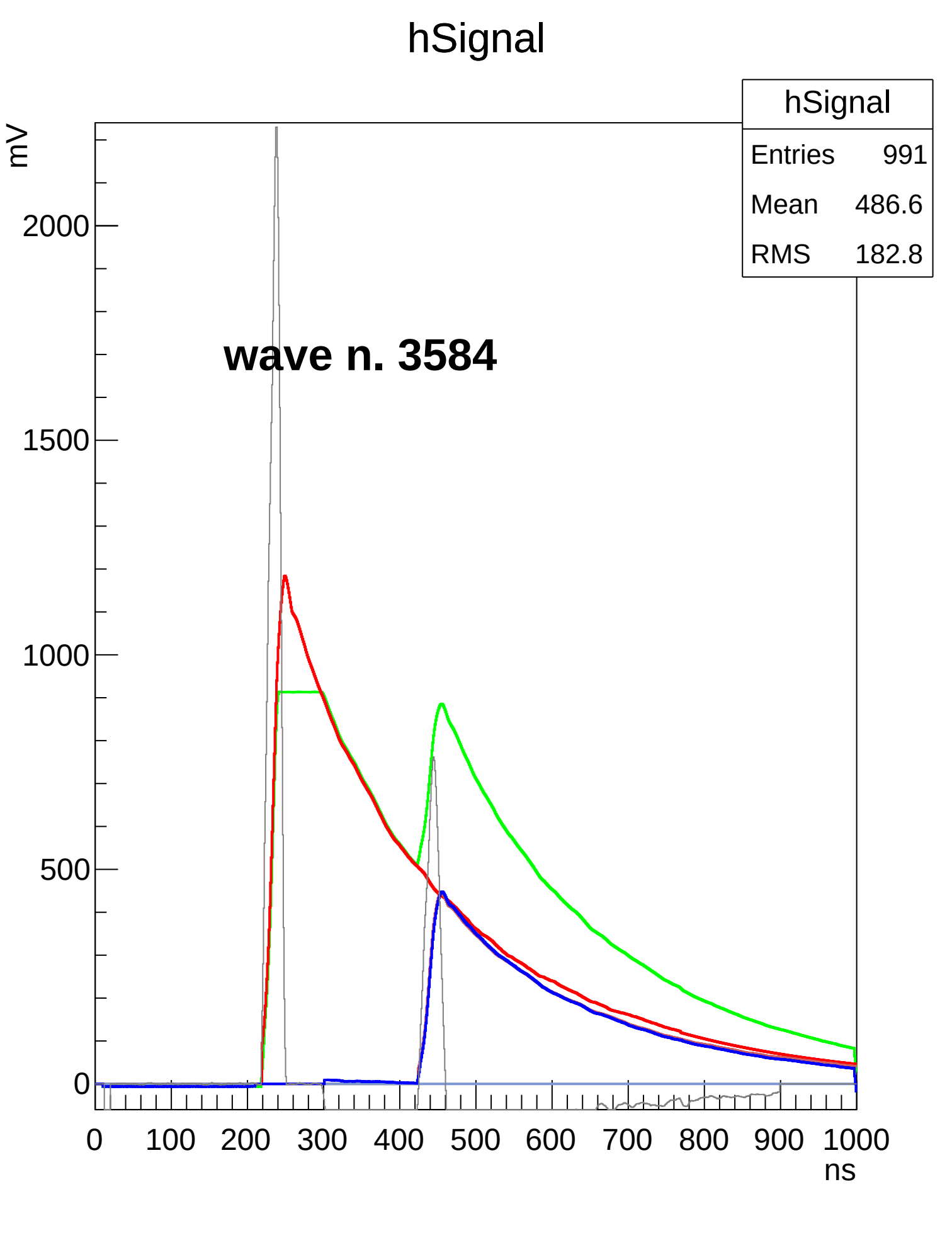
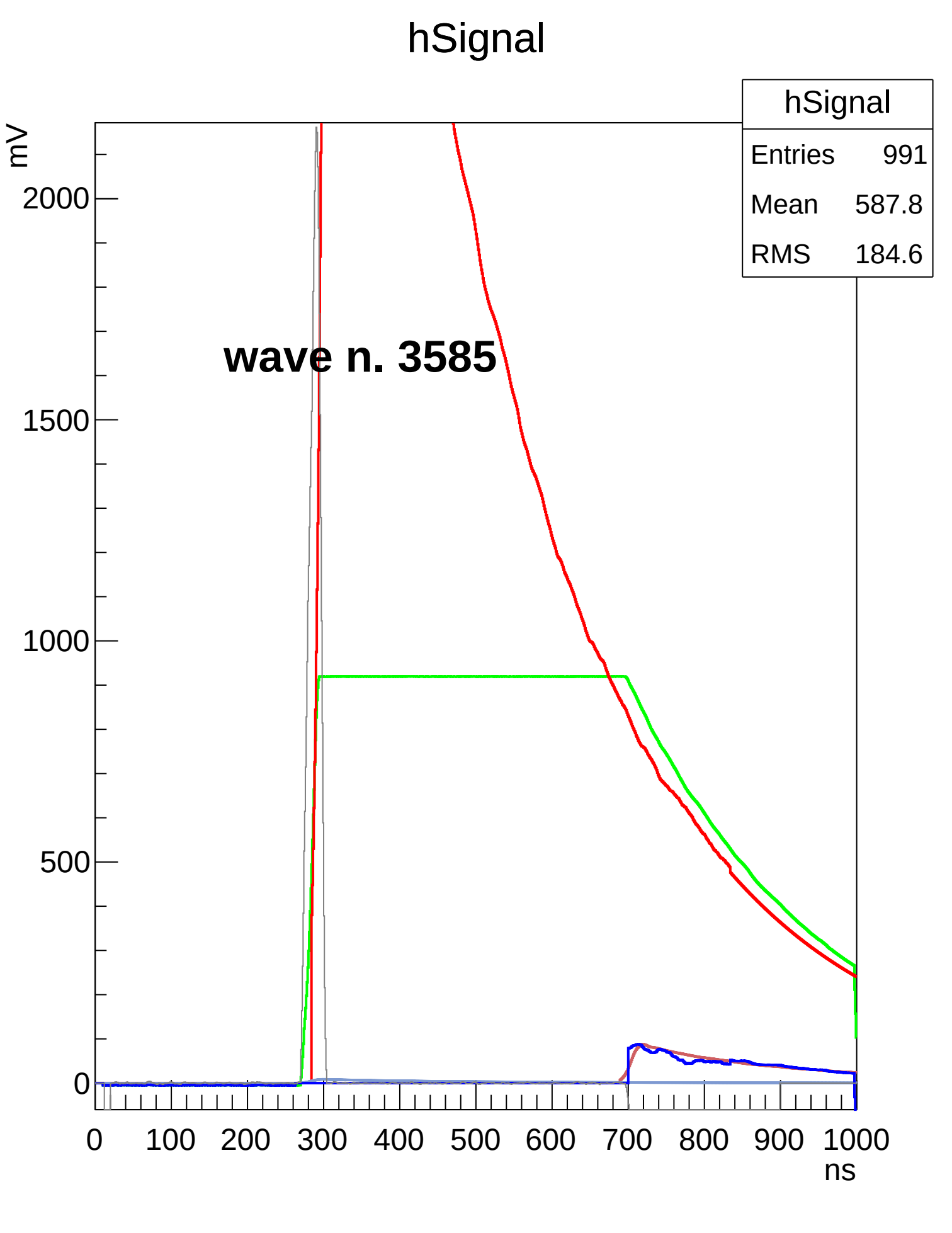
ns


hSignal
hSignal
Entries 991
Mean 486.6
RMS 182.8
wave n. 3584
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 587.8
RMS 184.6
wave n. 3585
mV
2000
1500
1000
500
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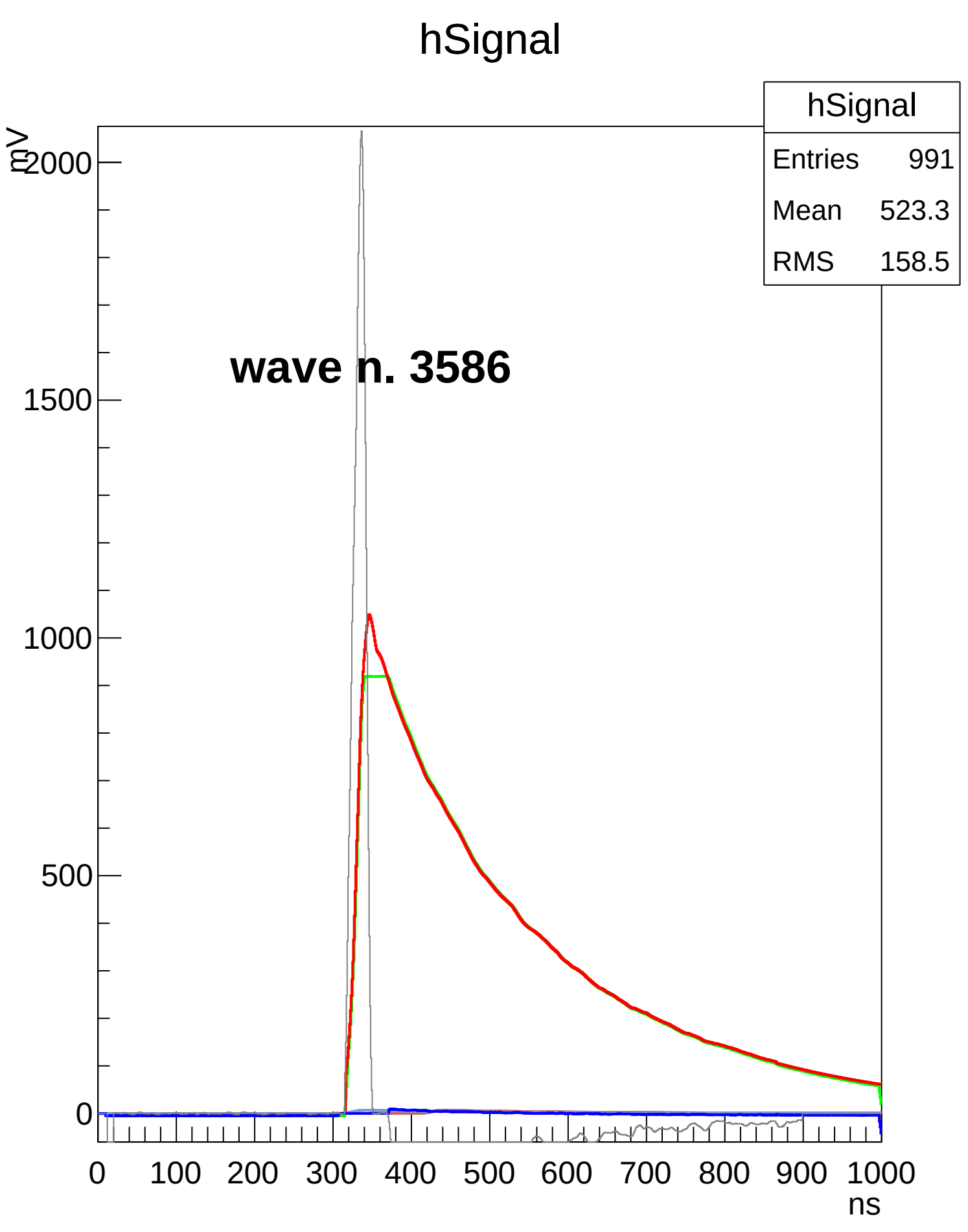
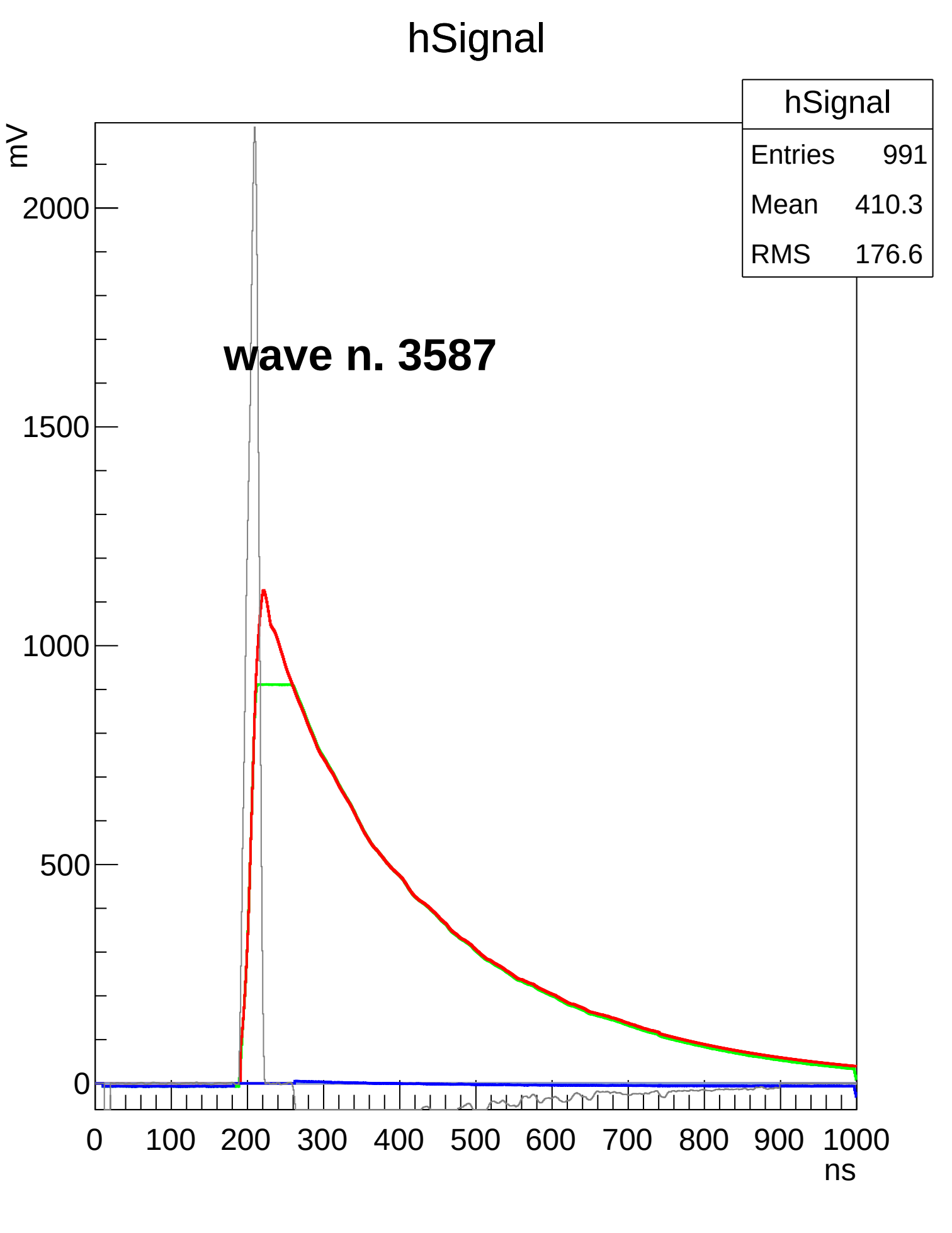
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 523.3
RMS 158.5
wave n. 3586
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 410.3
RMS 176.6
wave n. 3587
mV
2000
1500
1000
500
0
0
100
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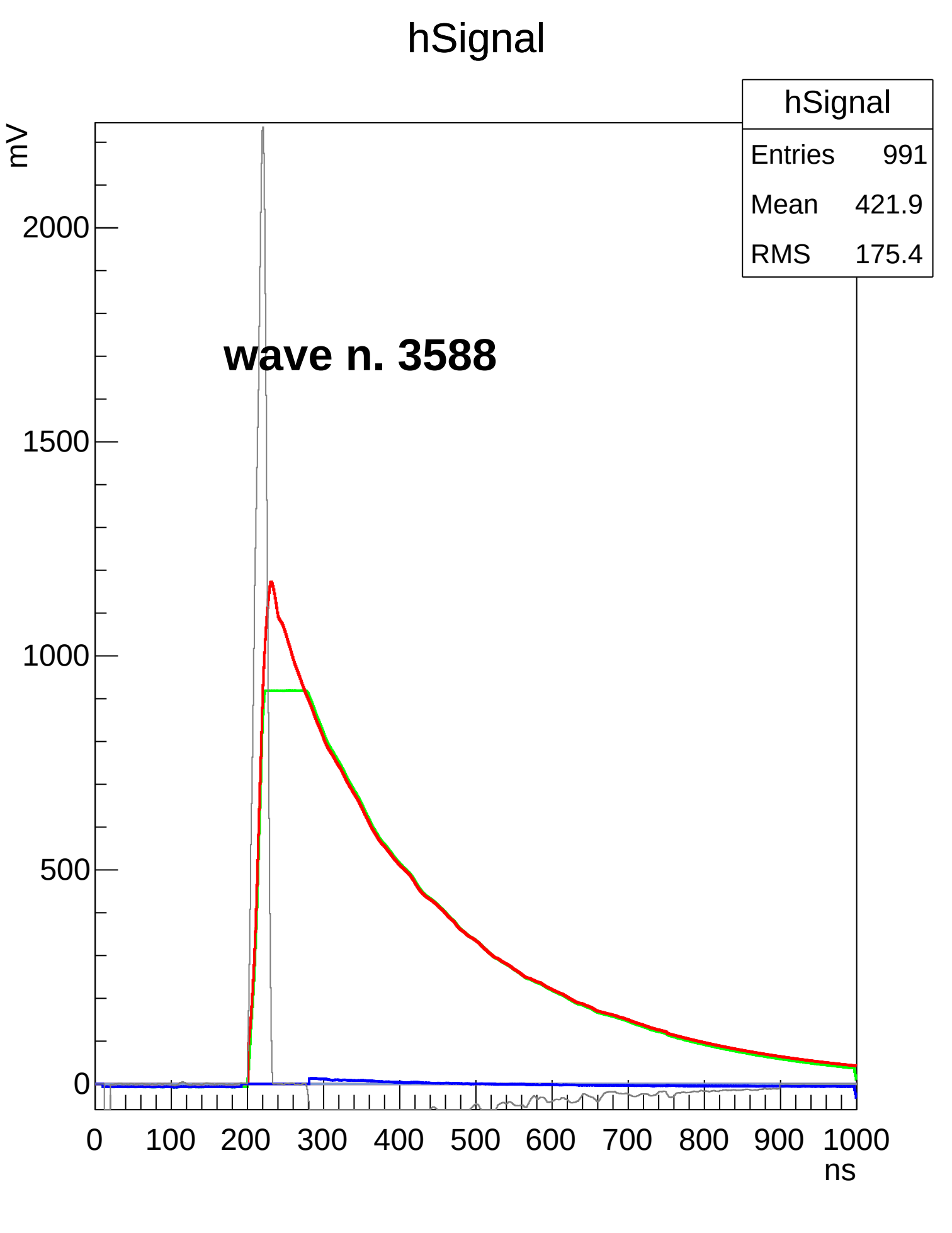
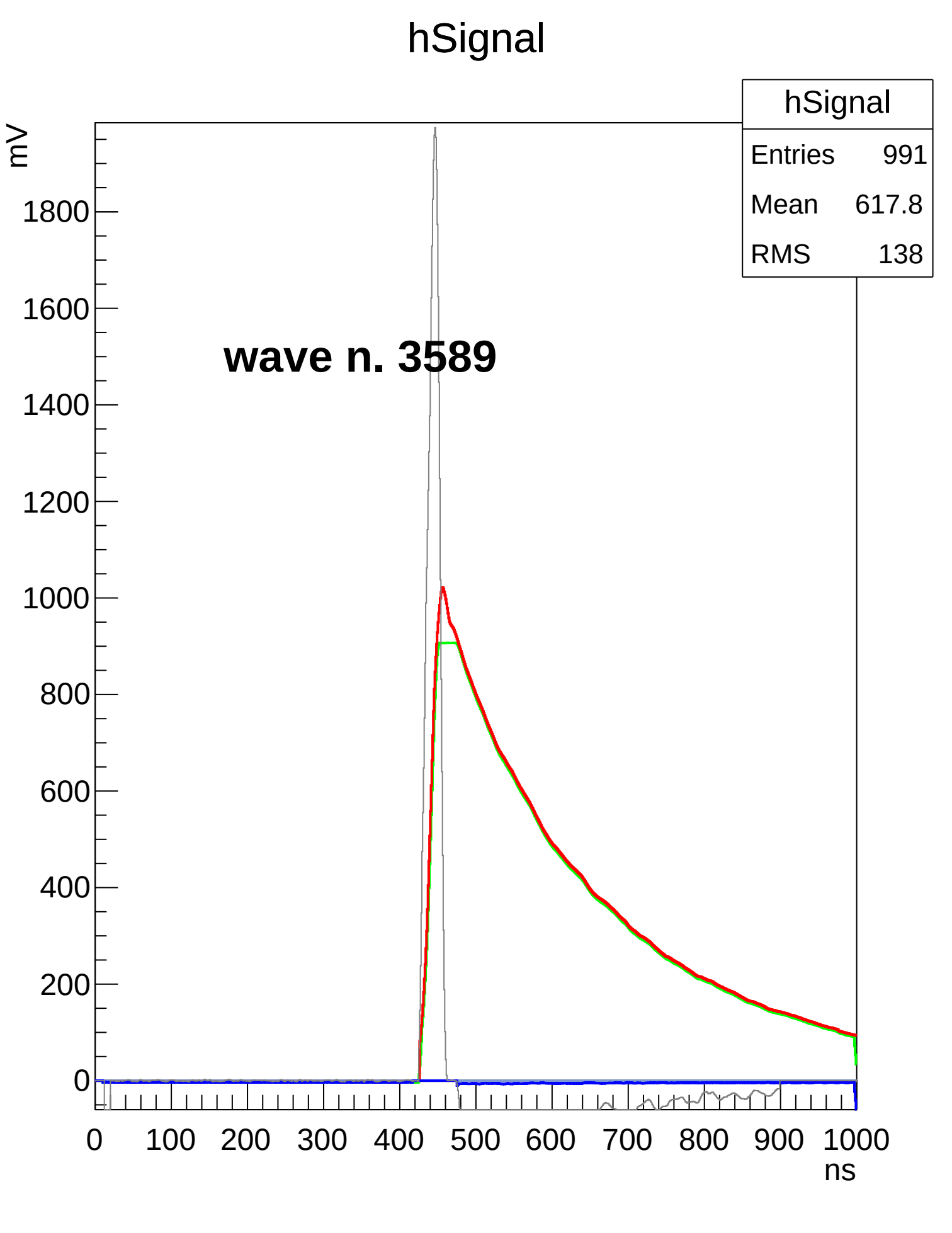
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 421.9
RMS 175.4
wave n. 3588
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 617.8
RMS 138
wave n. 3589
mV
1800
1600
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200
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0
100
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400
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1000
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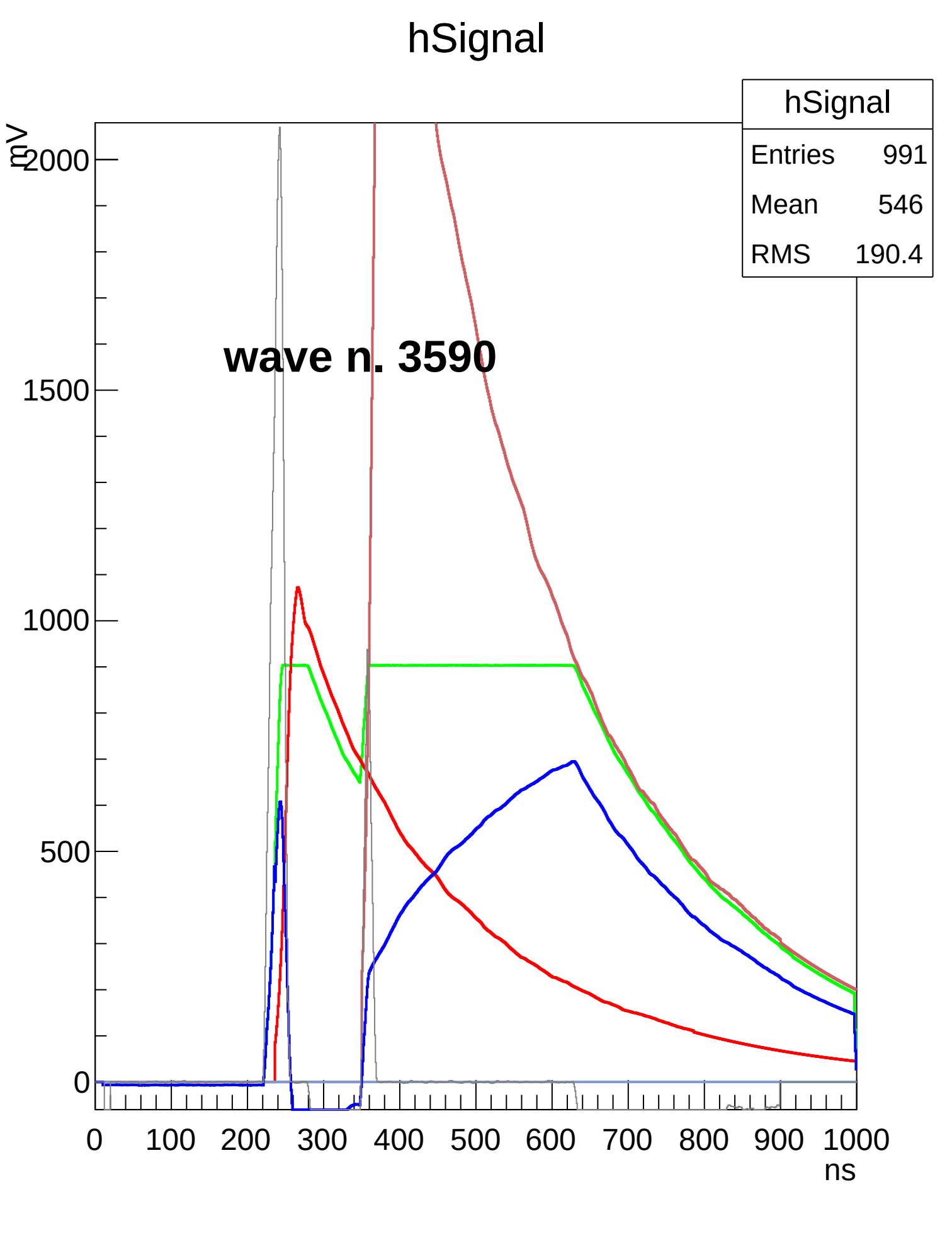
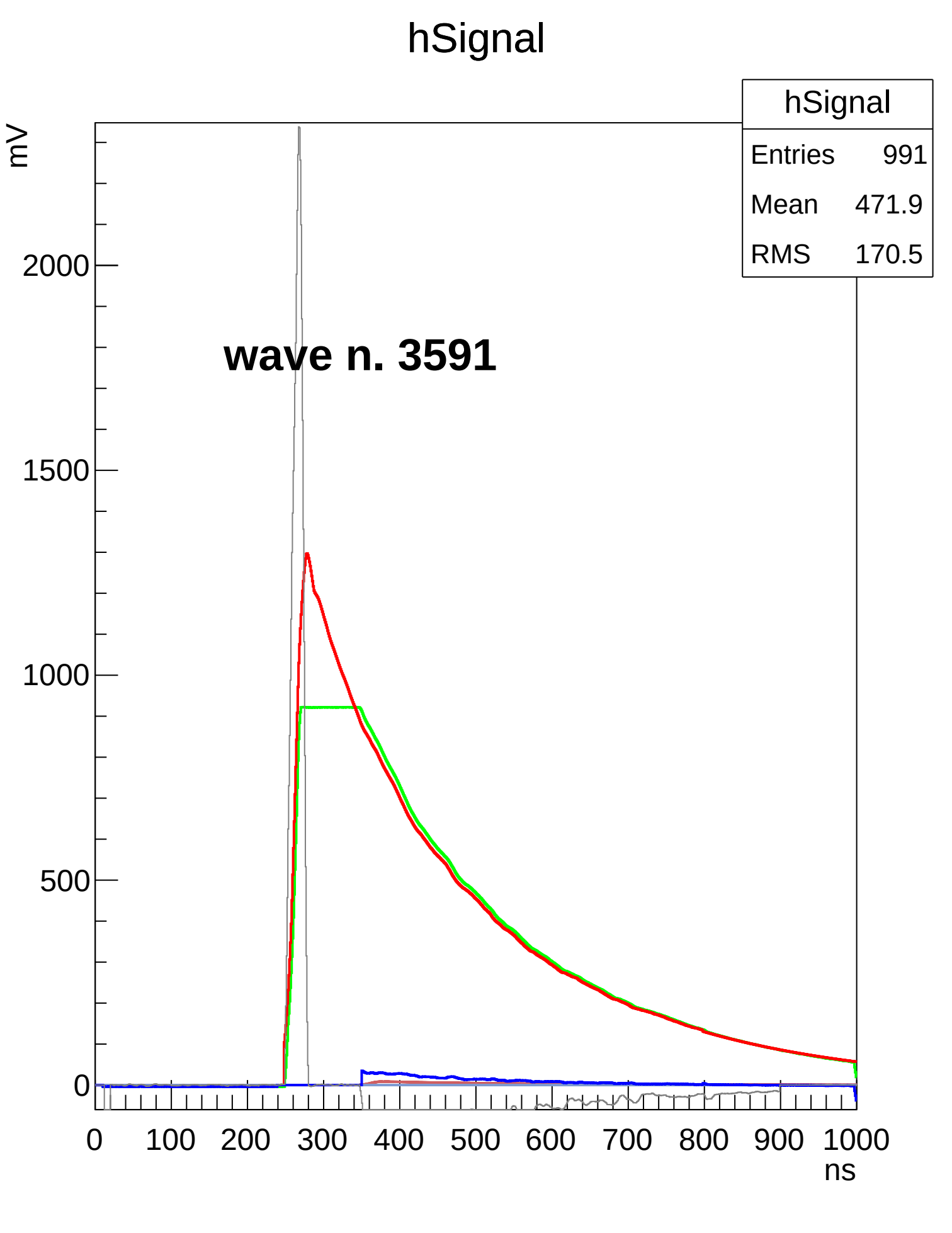

hSignal
hSignal
Entries 991
Mean 546
RMS 190.4
wave n. 3590
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 471.9
RMS 170.5
wave n. 3591
mV
2000
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1000
500
0
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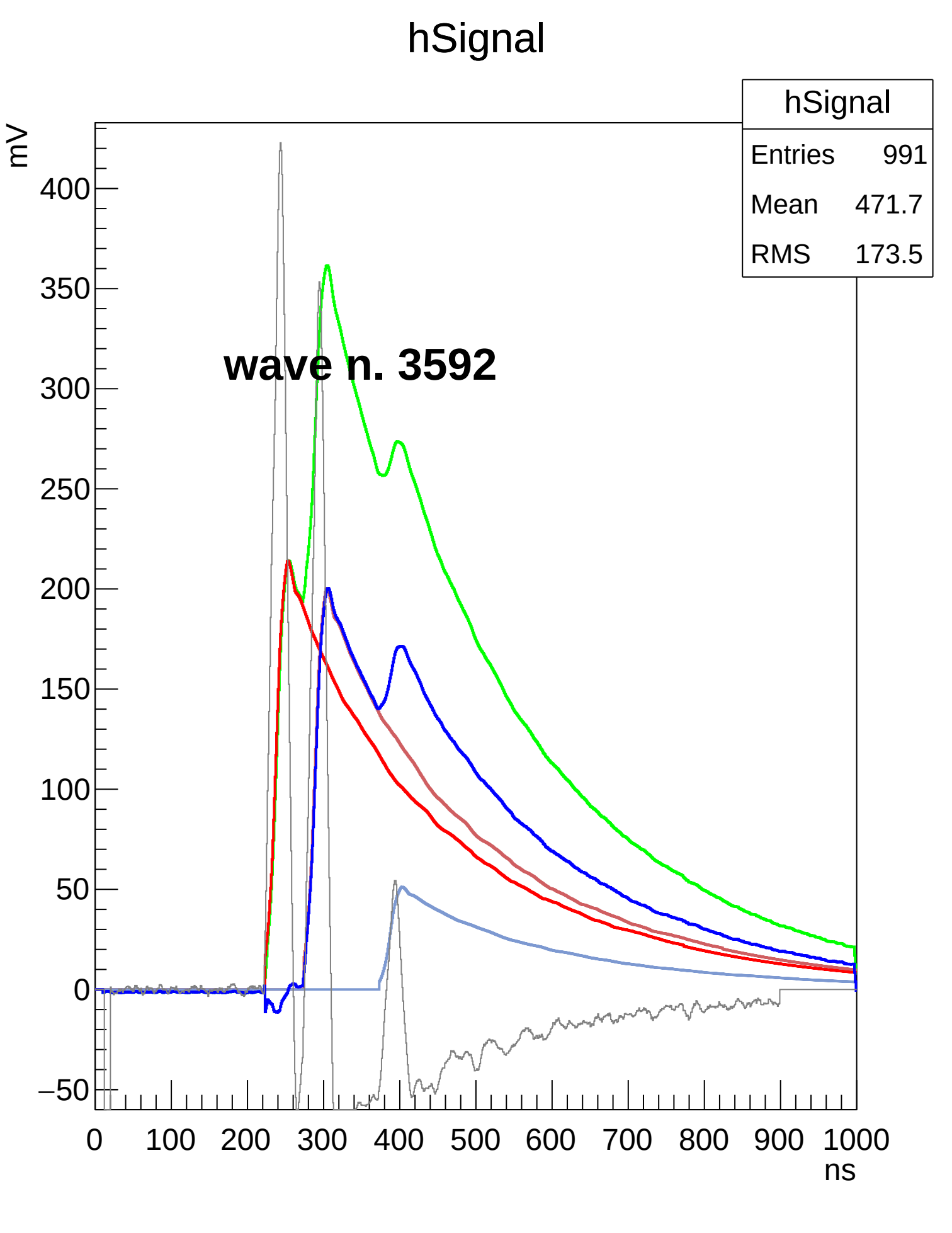
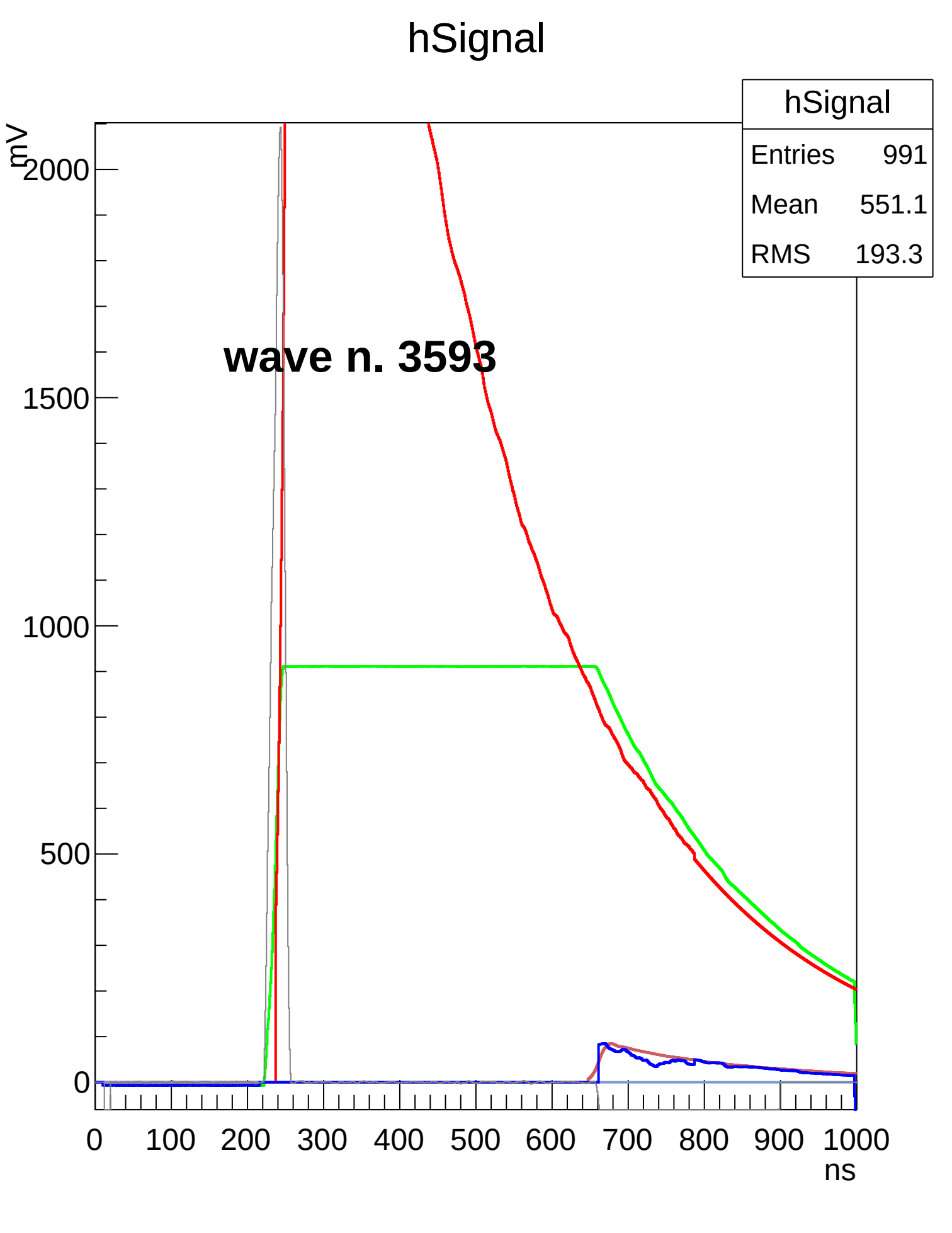
ns


hSignal
hSignal
Entries 991
Mean 471.7
RMS 173.5
wave n. 3592
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 551.1
RMS 193.3
wave n. 3593
mV
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1500
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0
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200
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400
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600
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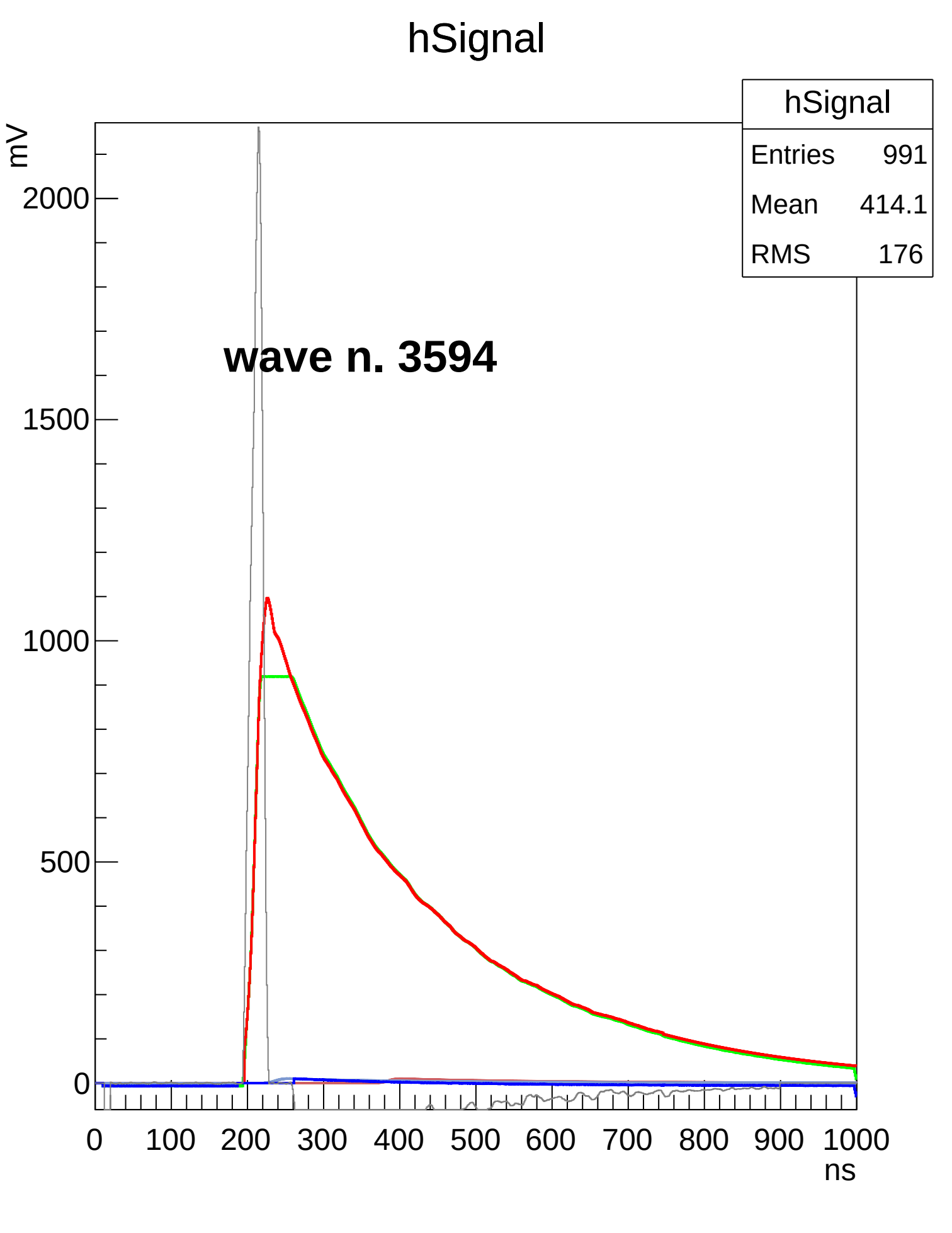
800
900
1000
ns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RMS 176
wave n. 3594
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500
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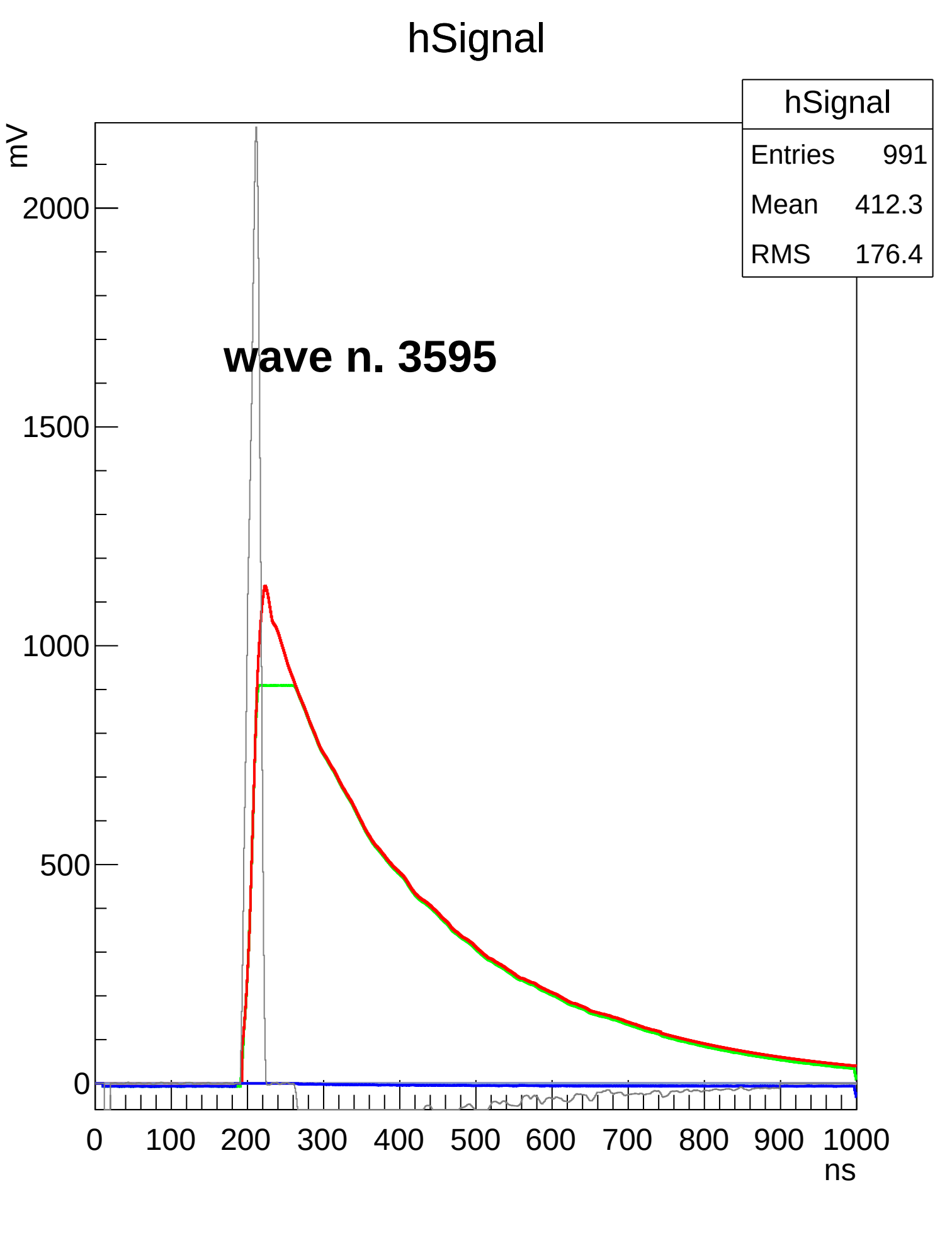
ns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Mean 412.3
RMS 176.4
wave n. 3595
mV
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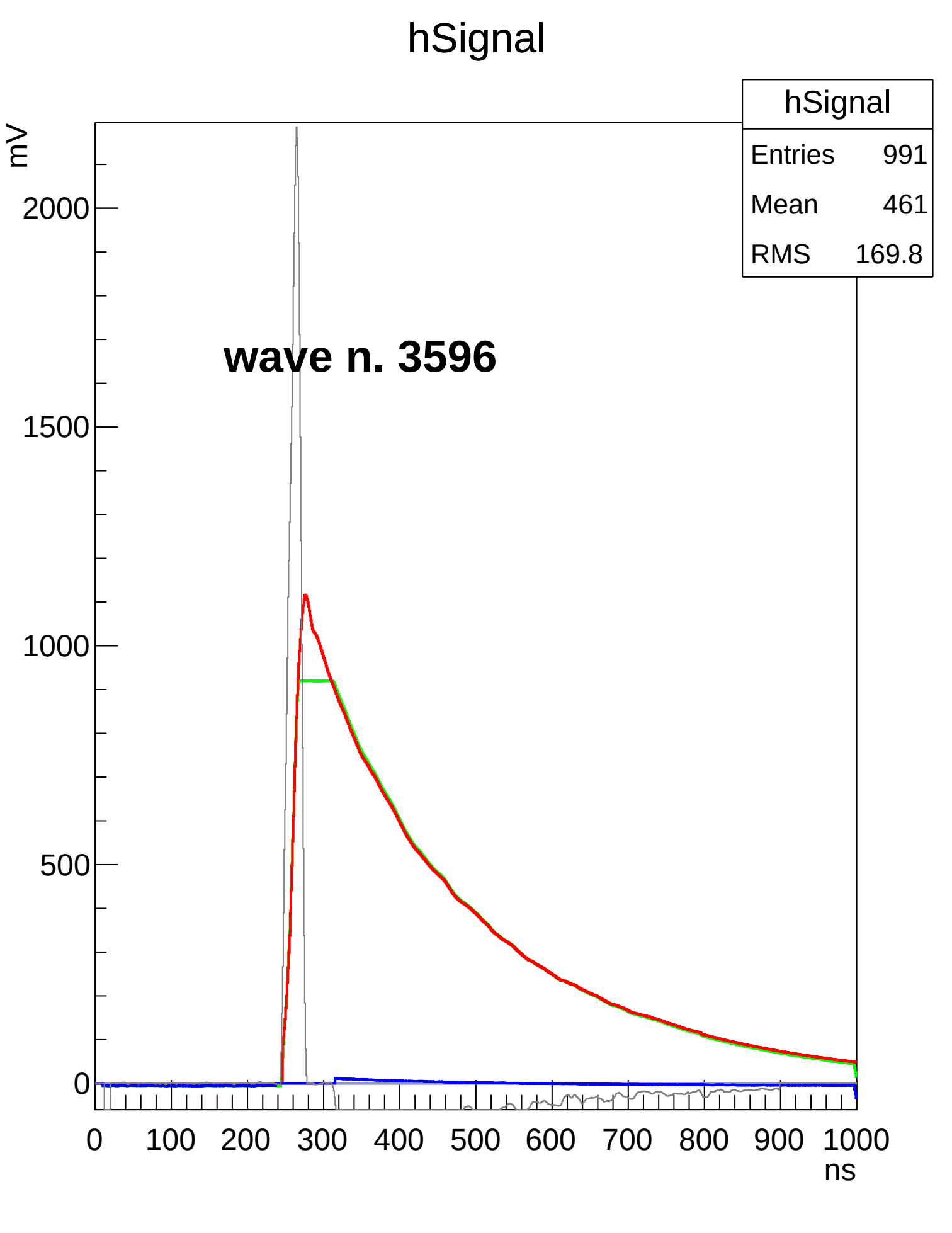
ns


hSignal
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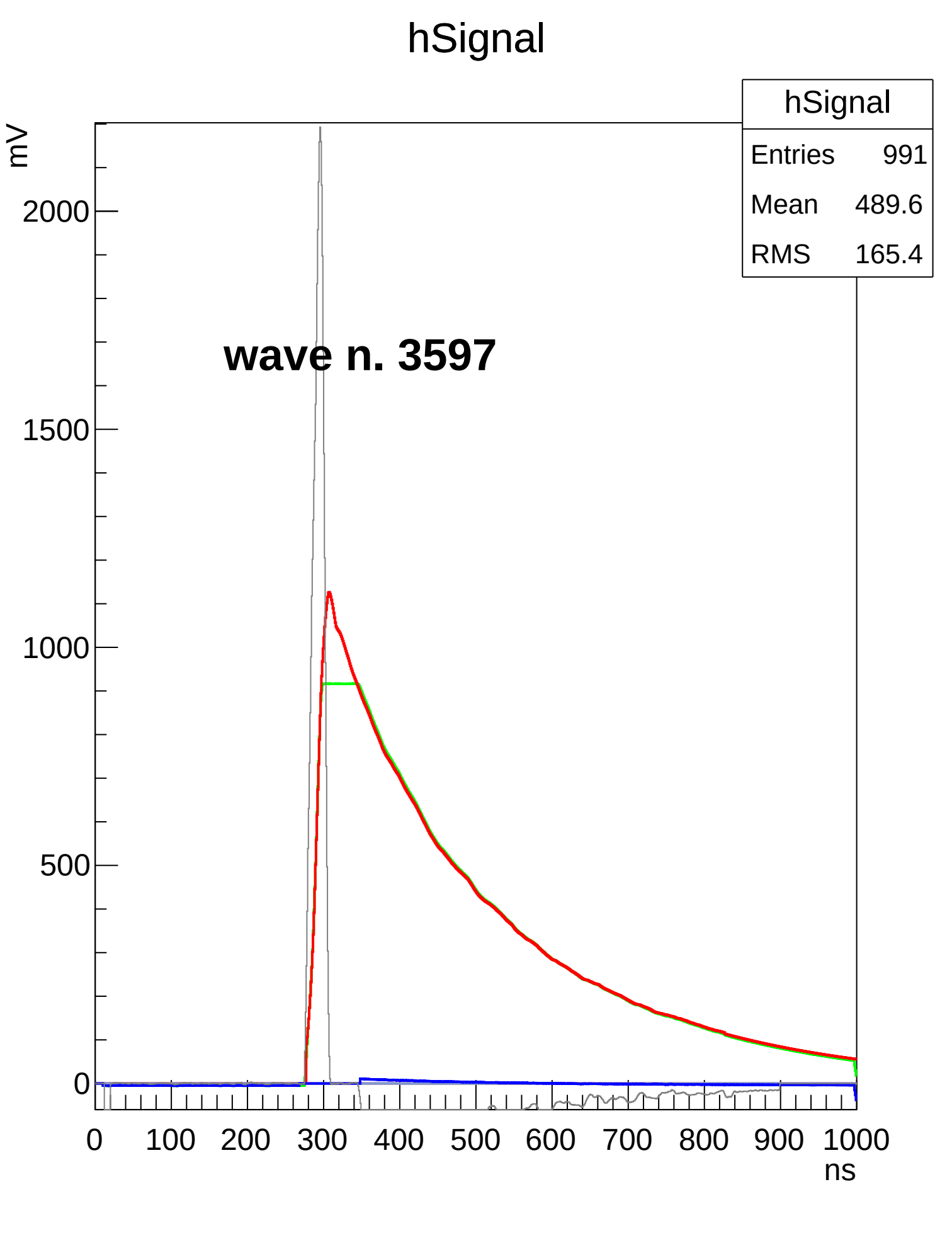
Mean 461
RMS 169.8
wave n. 3596
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 489.6
RMS 165.4
wave n. 3597
mV
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1500
1000
500
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0
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400
500
600
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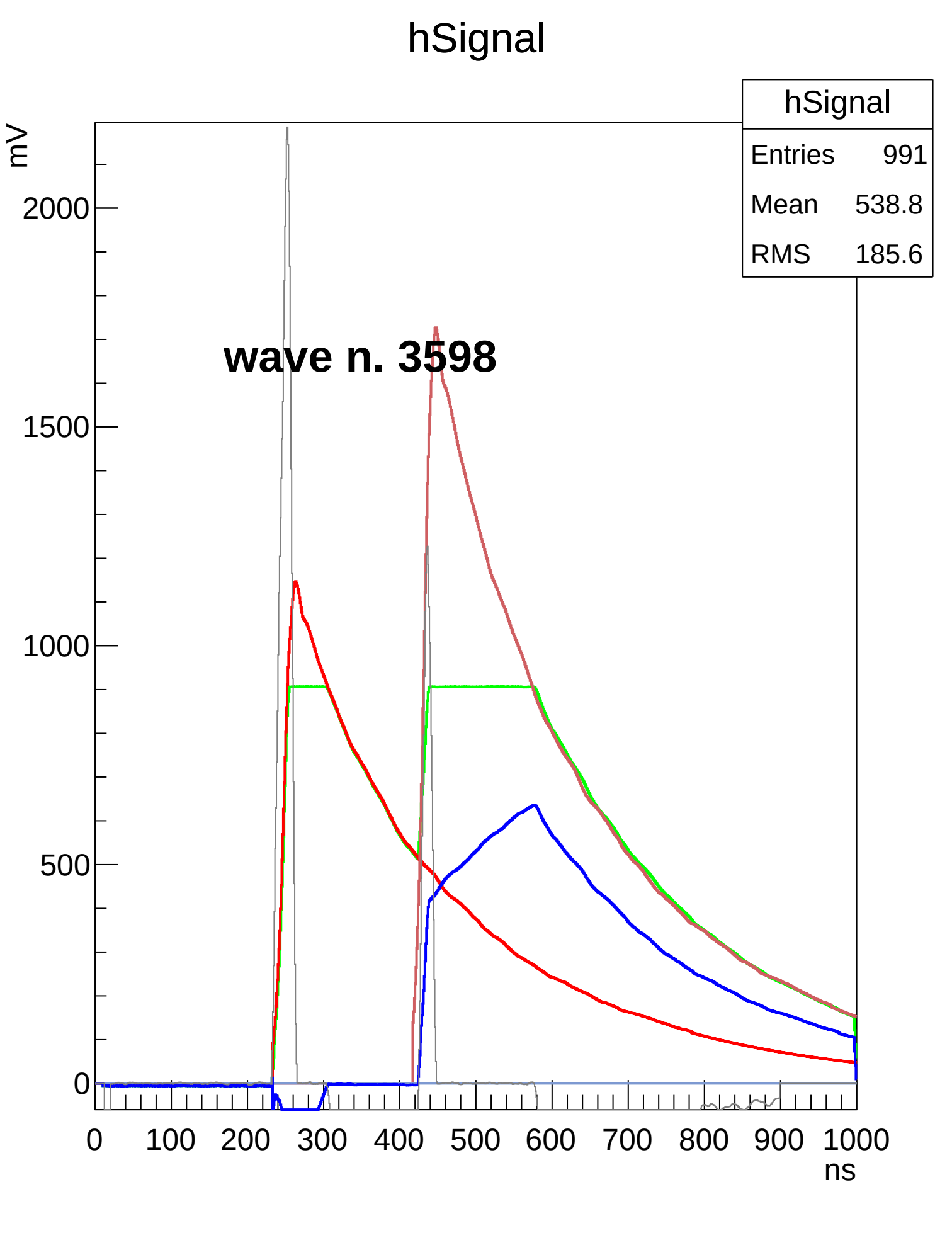
800
900
1000
ns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hSignal
Entries 991
Mean 538.8
RMS 185.6
wave n. 3598
mV
2000
1500
1000
500
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0
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800
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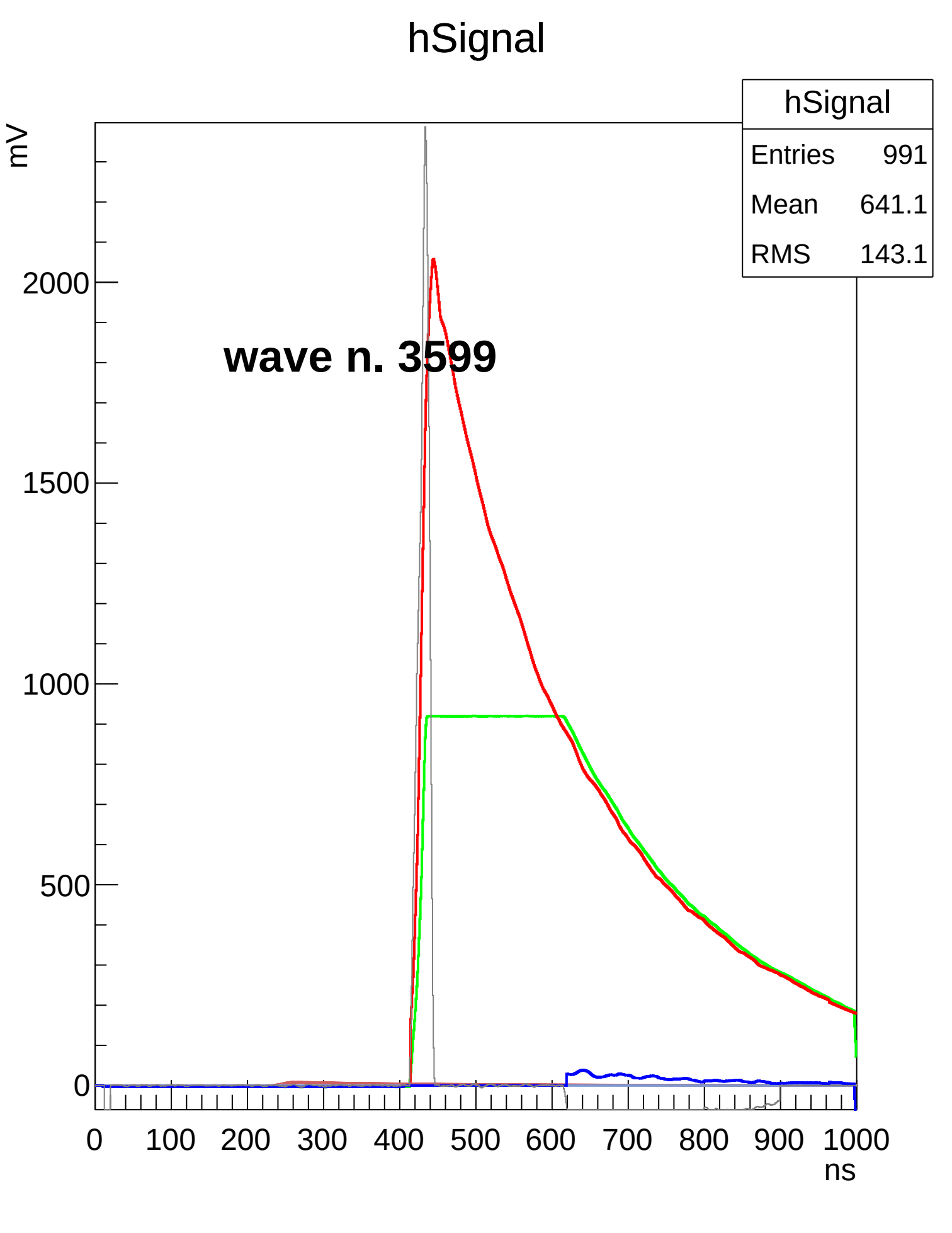
1000
ns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hSignal
Entries 991
Mean 641.1
RMS 143.1
wave n. 3599
mV
2000
1500
1000
500
0
0
100
200
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400
500
600
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800
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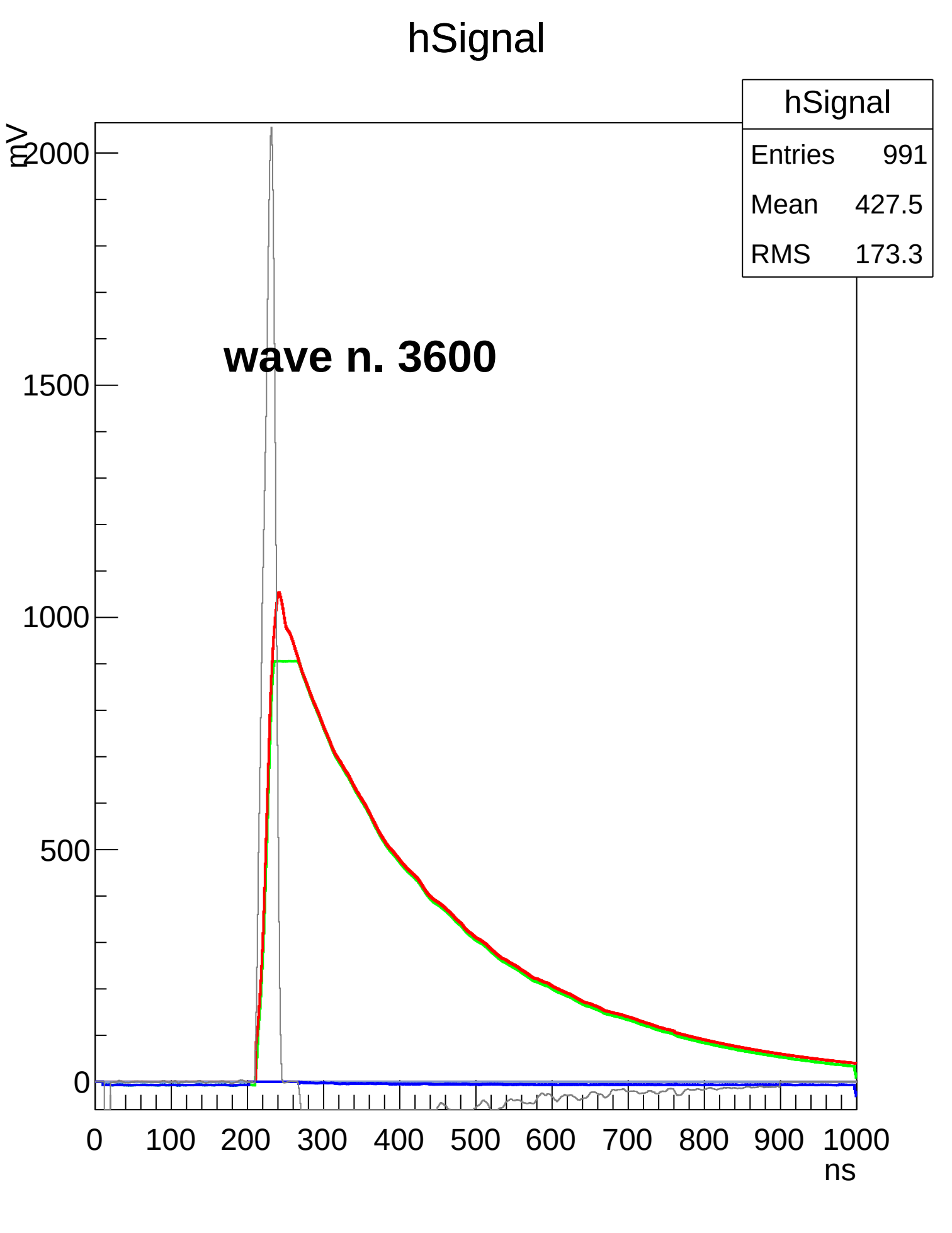
1000
ns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hSignal
Entries 991
Mean 427.5
RMS 173.3
wave n. 3600
mV
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1000
500
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0
100
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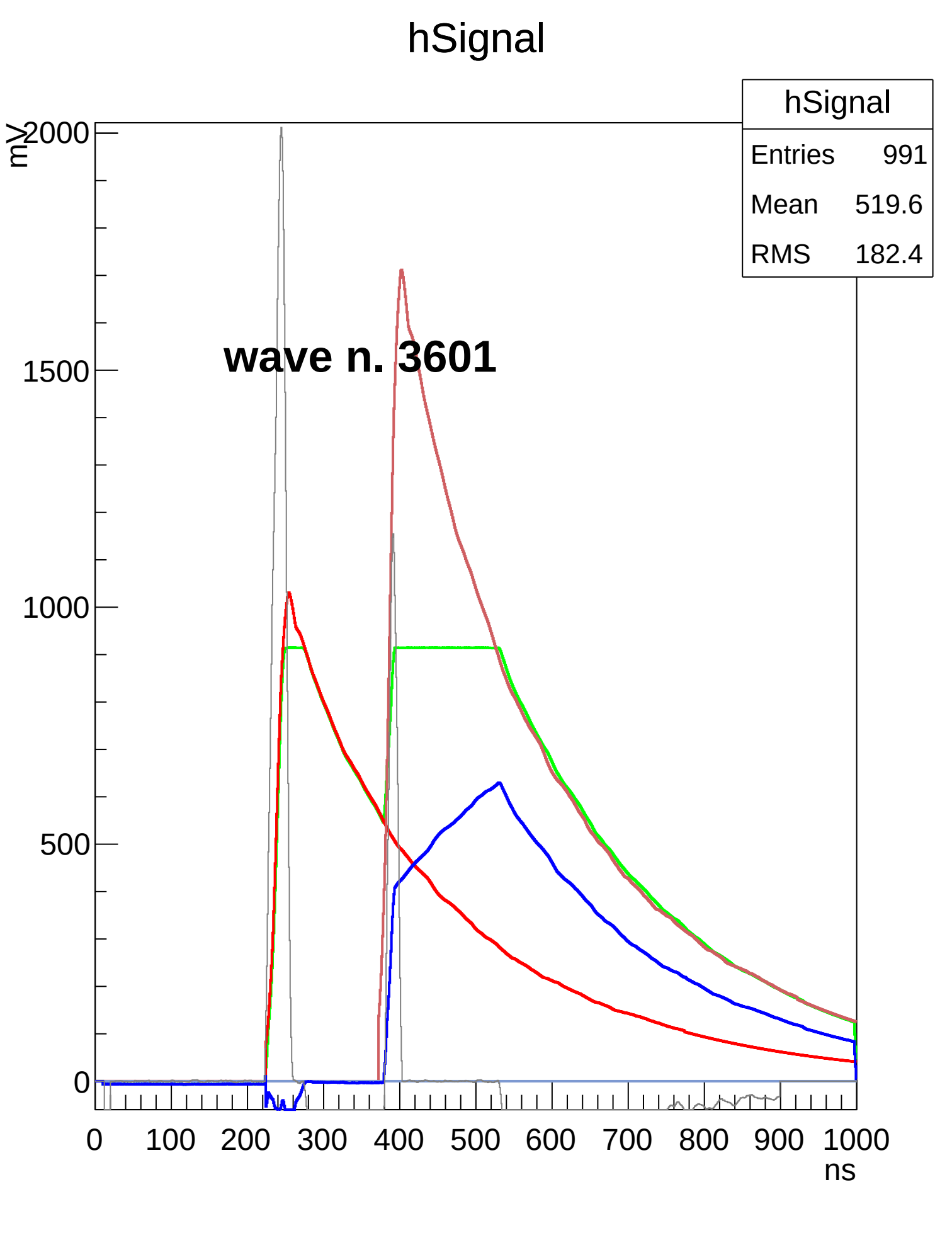
800
900
1000
ns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hSignal
Entries 991
Mean 519.6
RMS 182.4
wave n. 3601
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1500
1000
500
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0
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400
500
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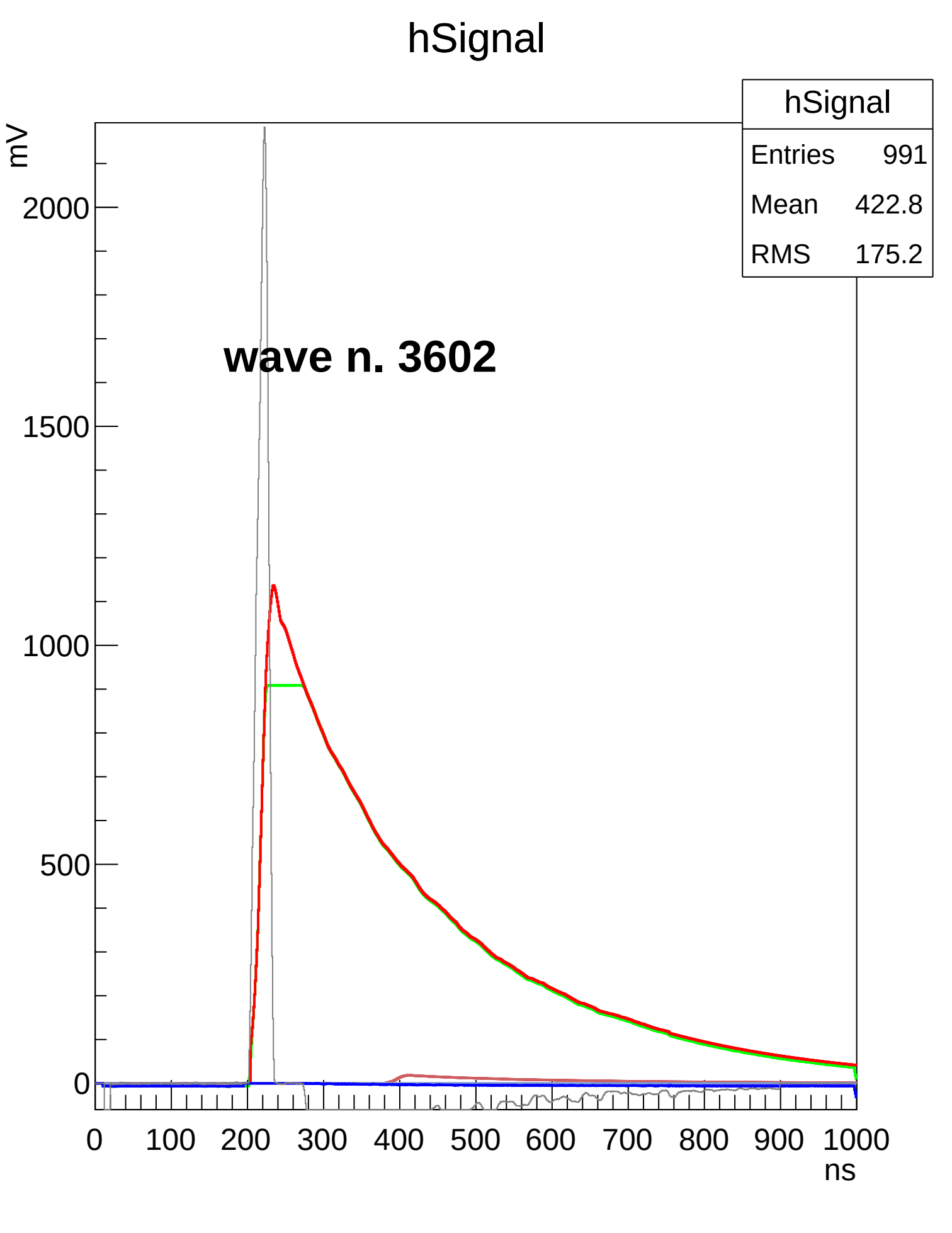
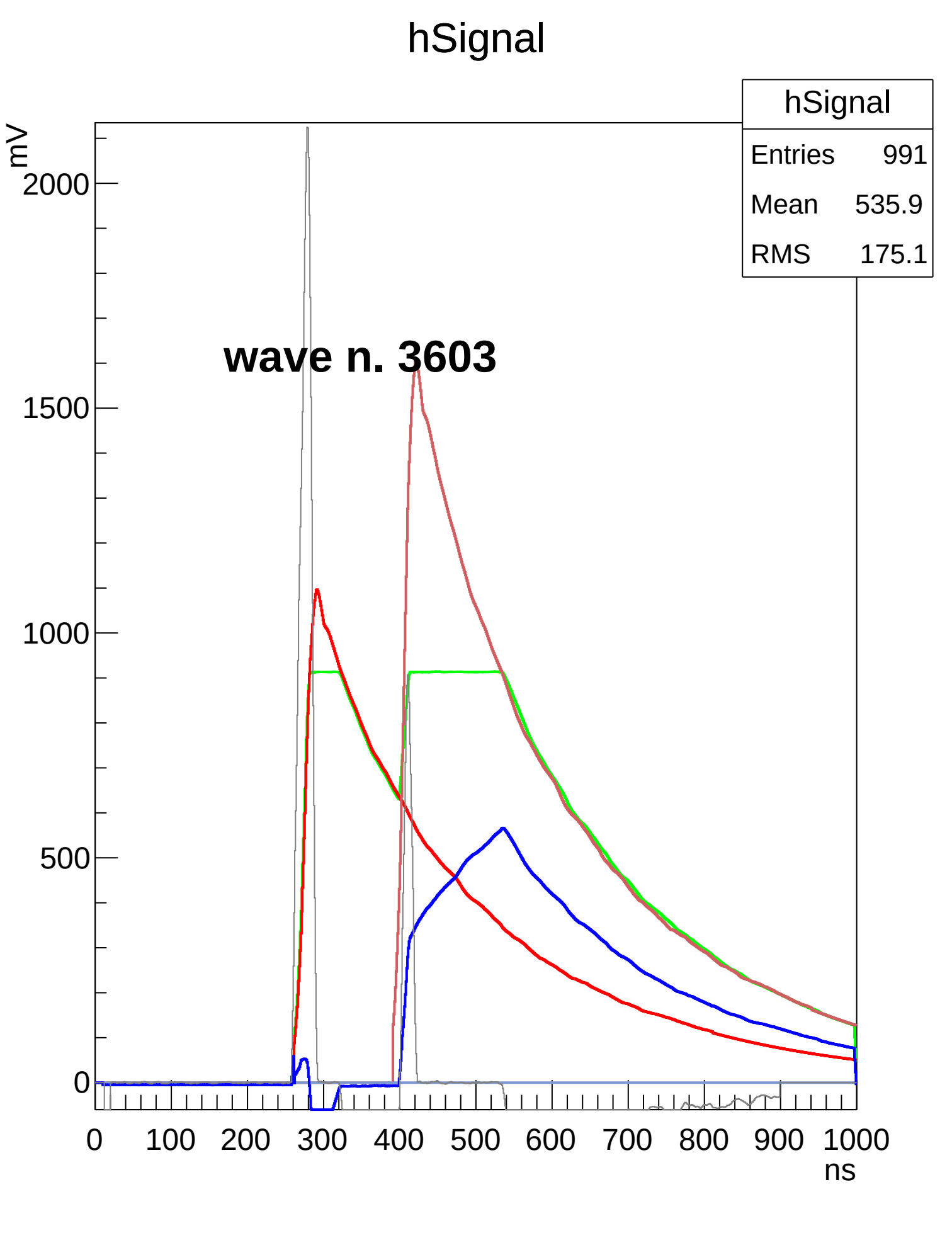
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 422.8
RMS 175.2
wave n. 3602
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 535.9
RMS 175.1
wave n. 3603
mV
2000
1500
1000
500
0
0
100
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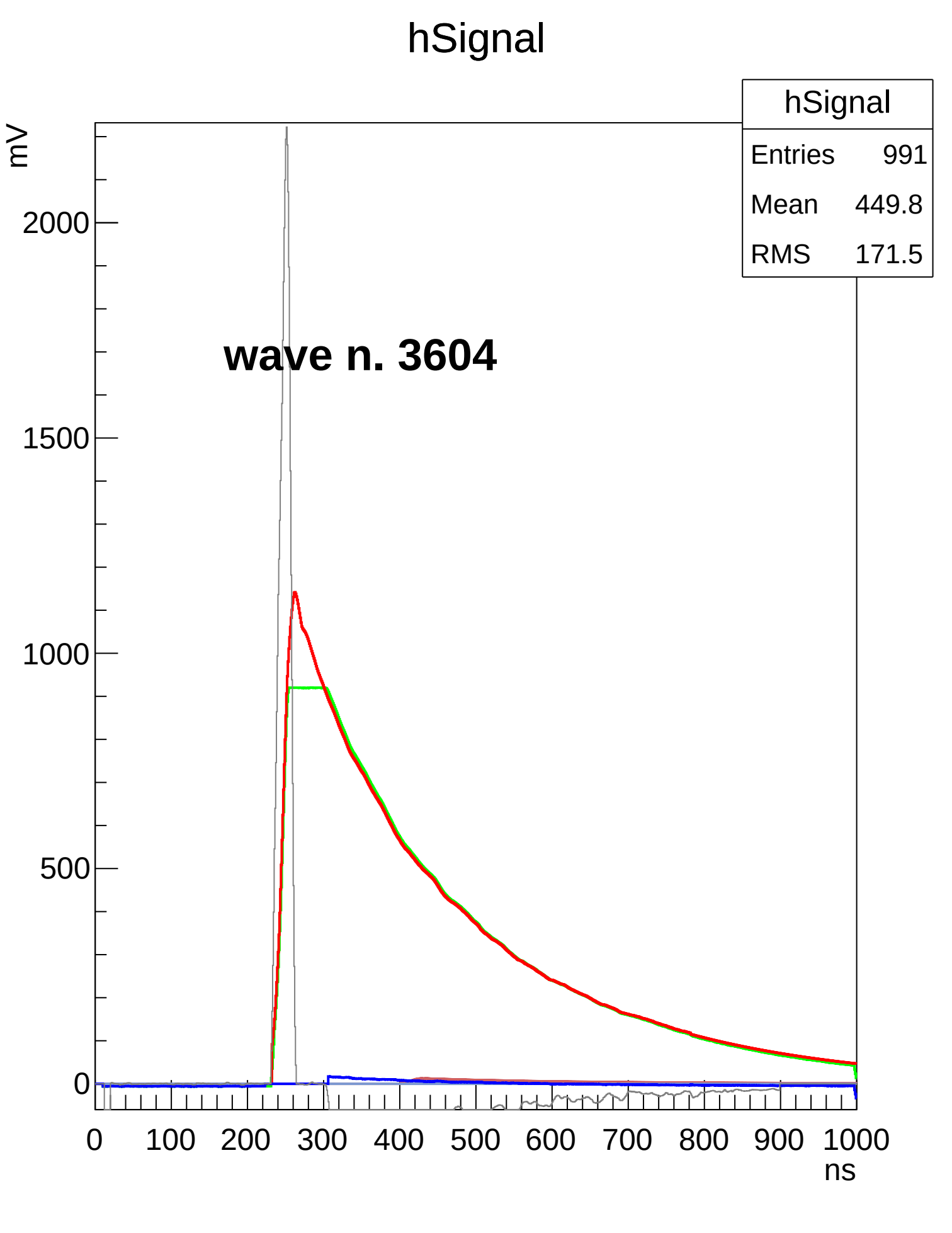
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 449.8
RMS 171.5
wave n. 3604
mV
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1500
1000
500
0
0
100
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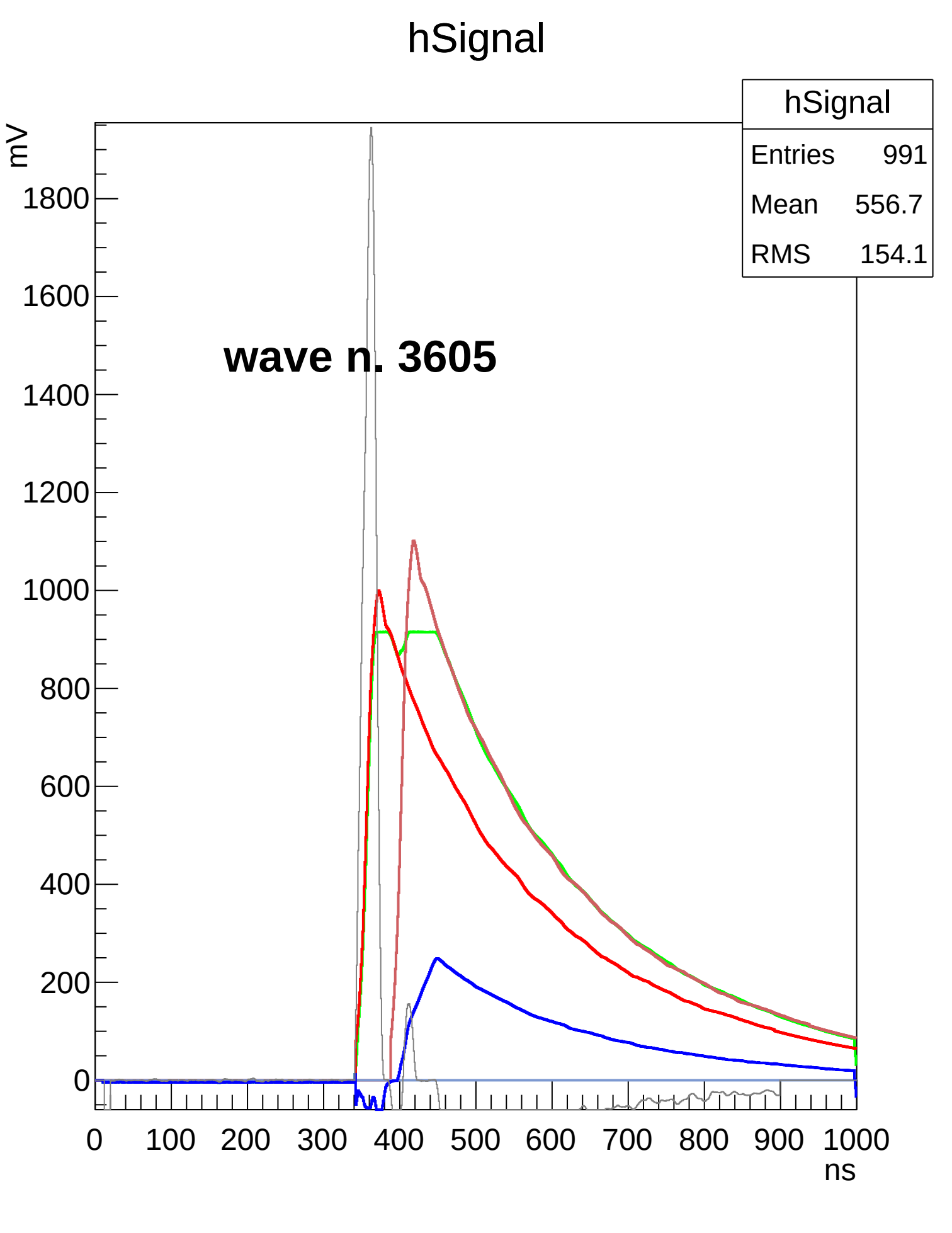
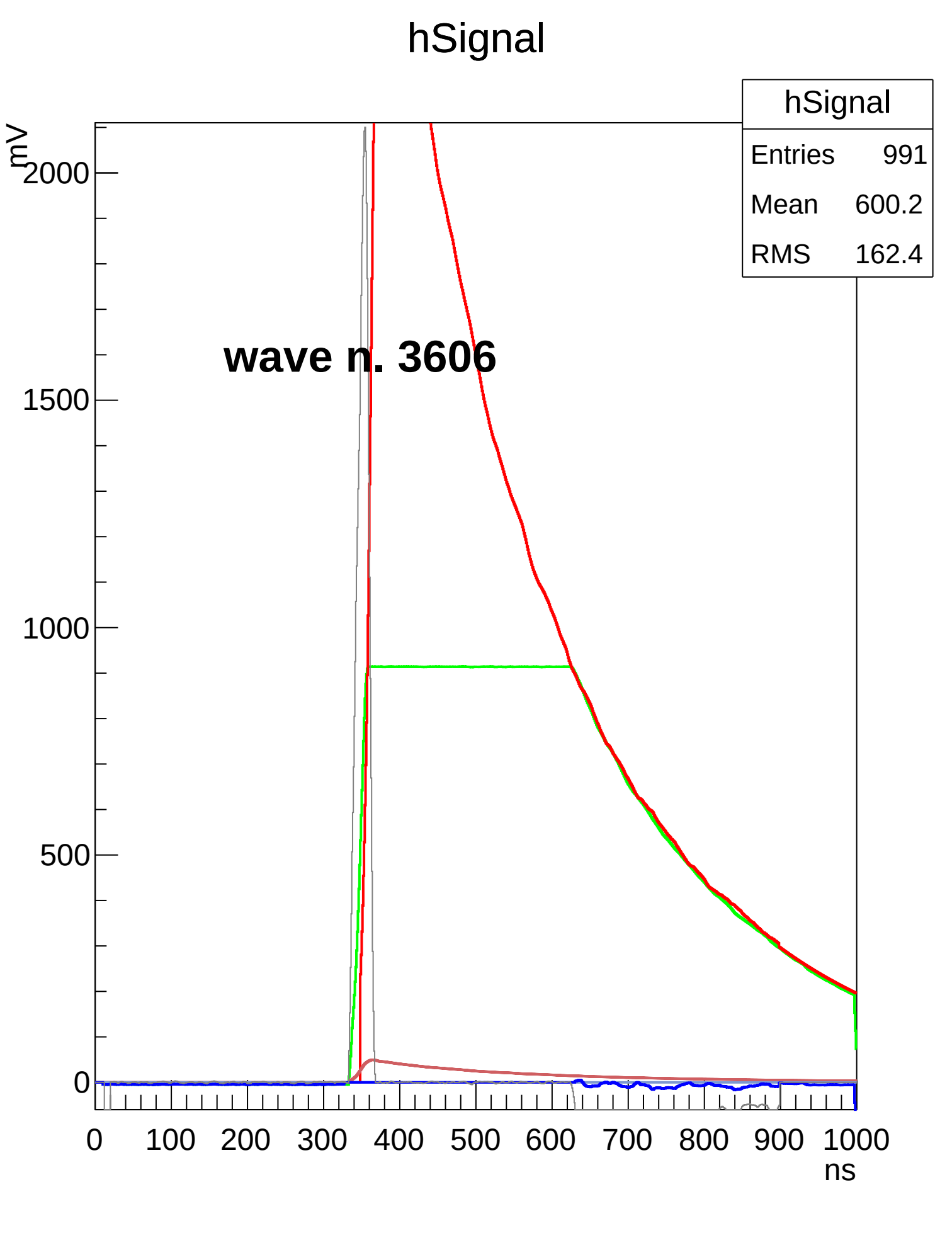
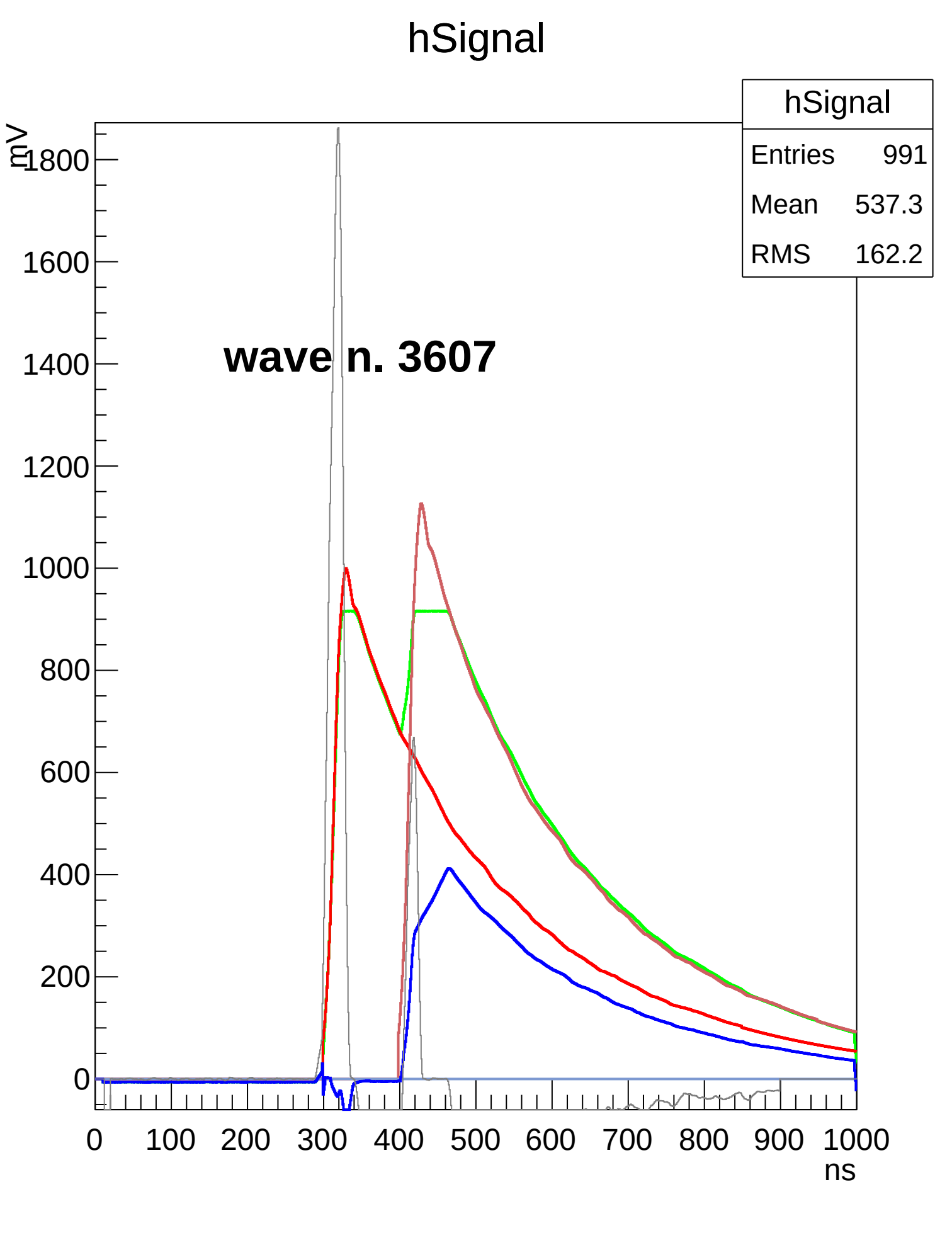
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.7
RMS 154.1
wave n. 3605
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 600.2
RMS 162.4
wave n. 3606
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 537.3
RMS 162.2
wave n. 3607
mV
1800
1600
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1200
1000
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600
400
200
0
0
100
200
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400
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600
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800
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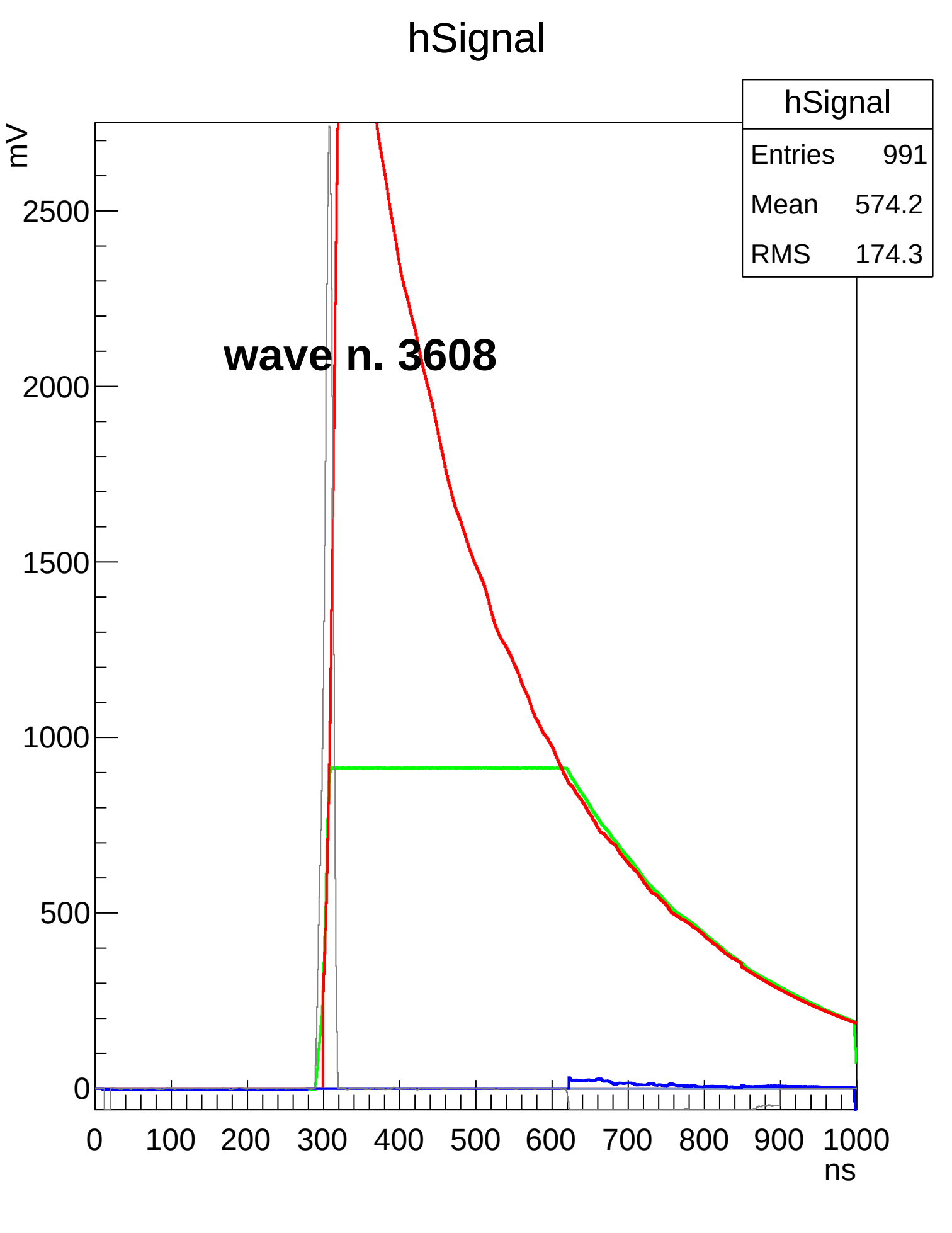
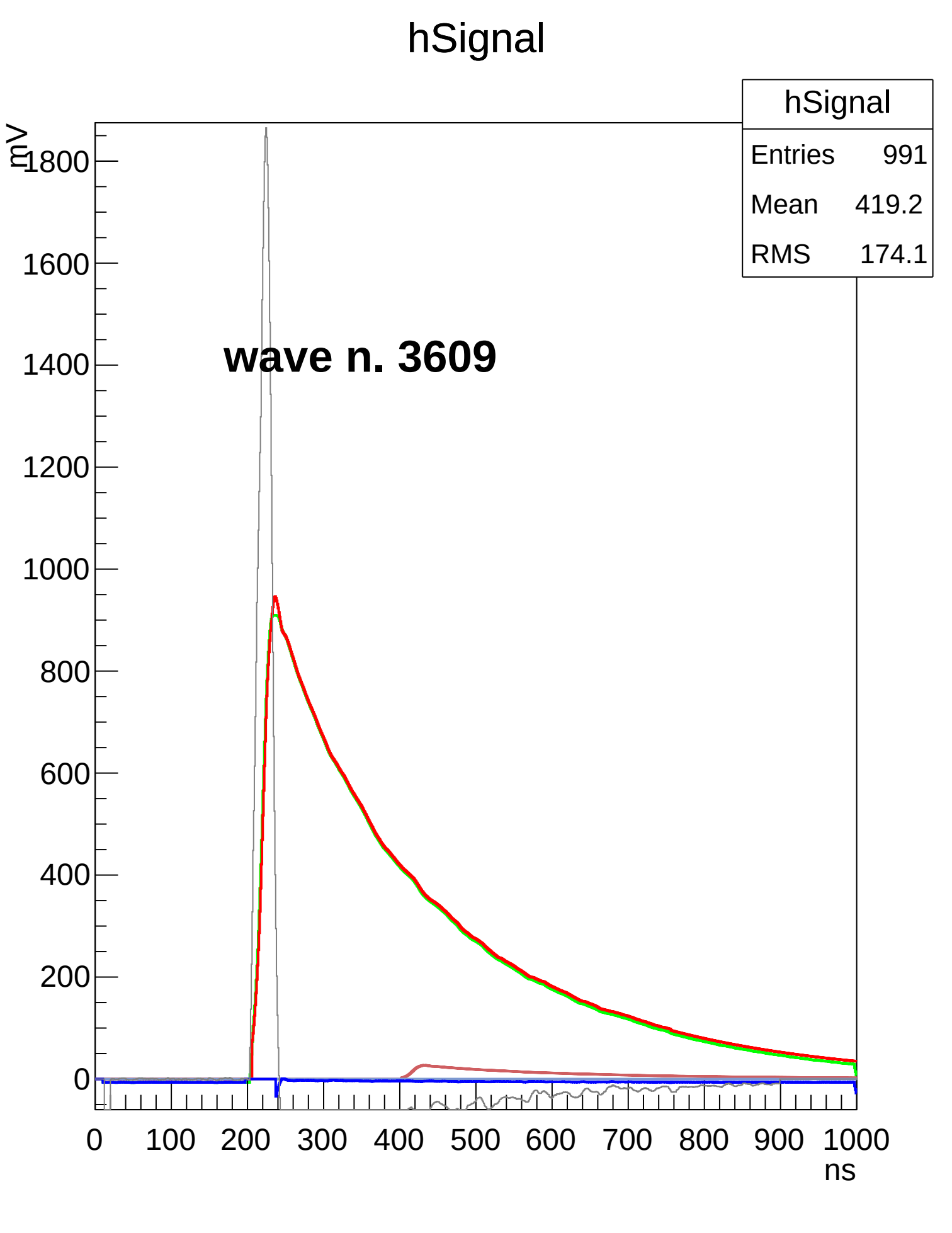
1000
ns


hSignal
hSignal
Entries 991
Mean 574.2
RMS 174.3
wave n. 3608
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 419.2
RMS 174.1
wave n. 3609
mV
1800
1600
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1200
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600
400
200
0
0
100
200
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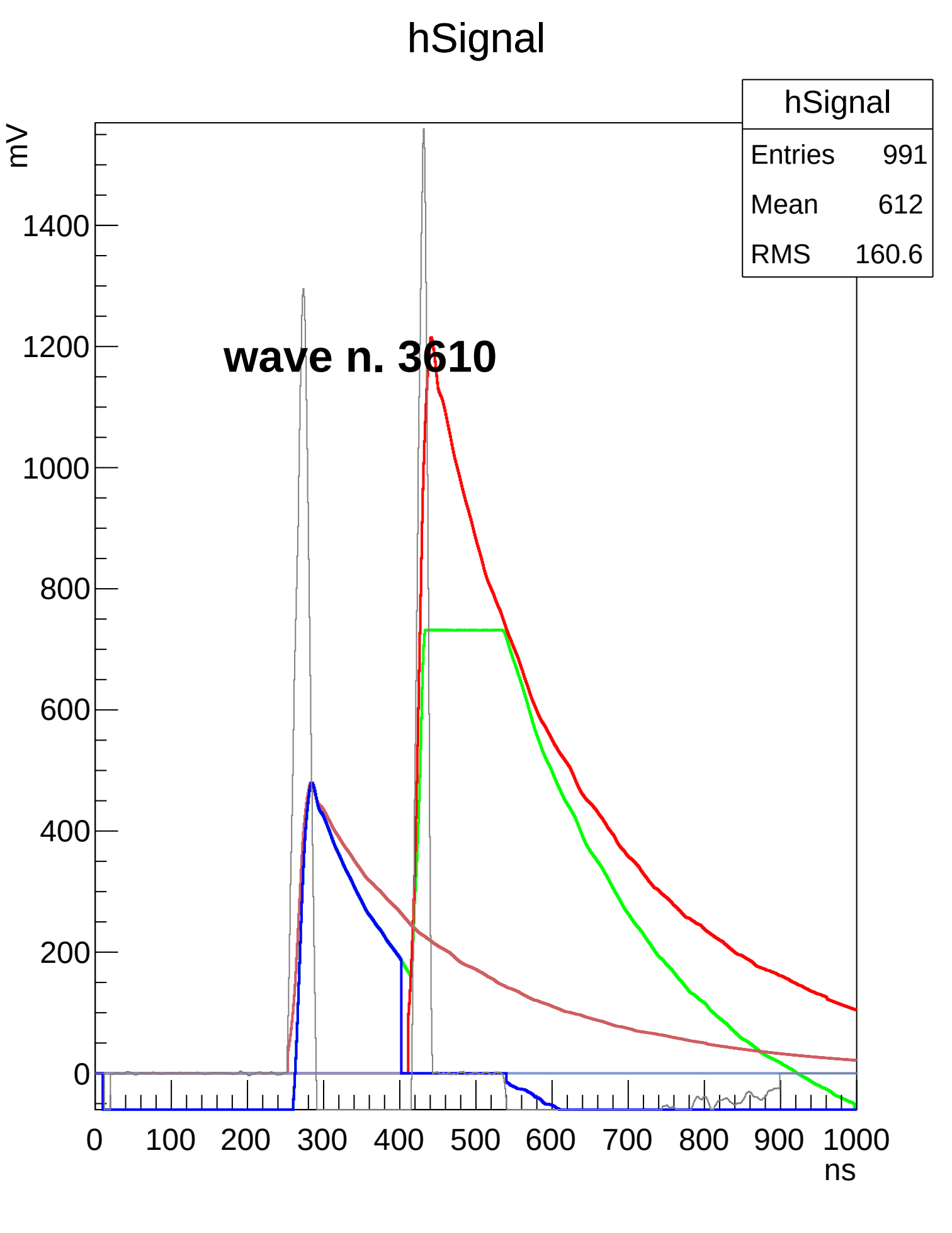
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 612
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wave n. 3610
mV
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1200
1000
800
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400
200
0
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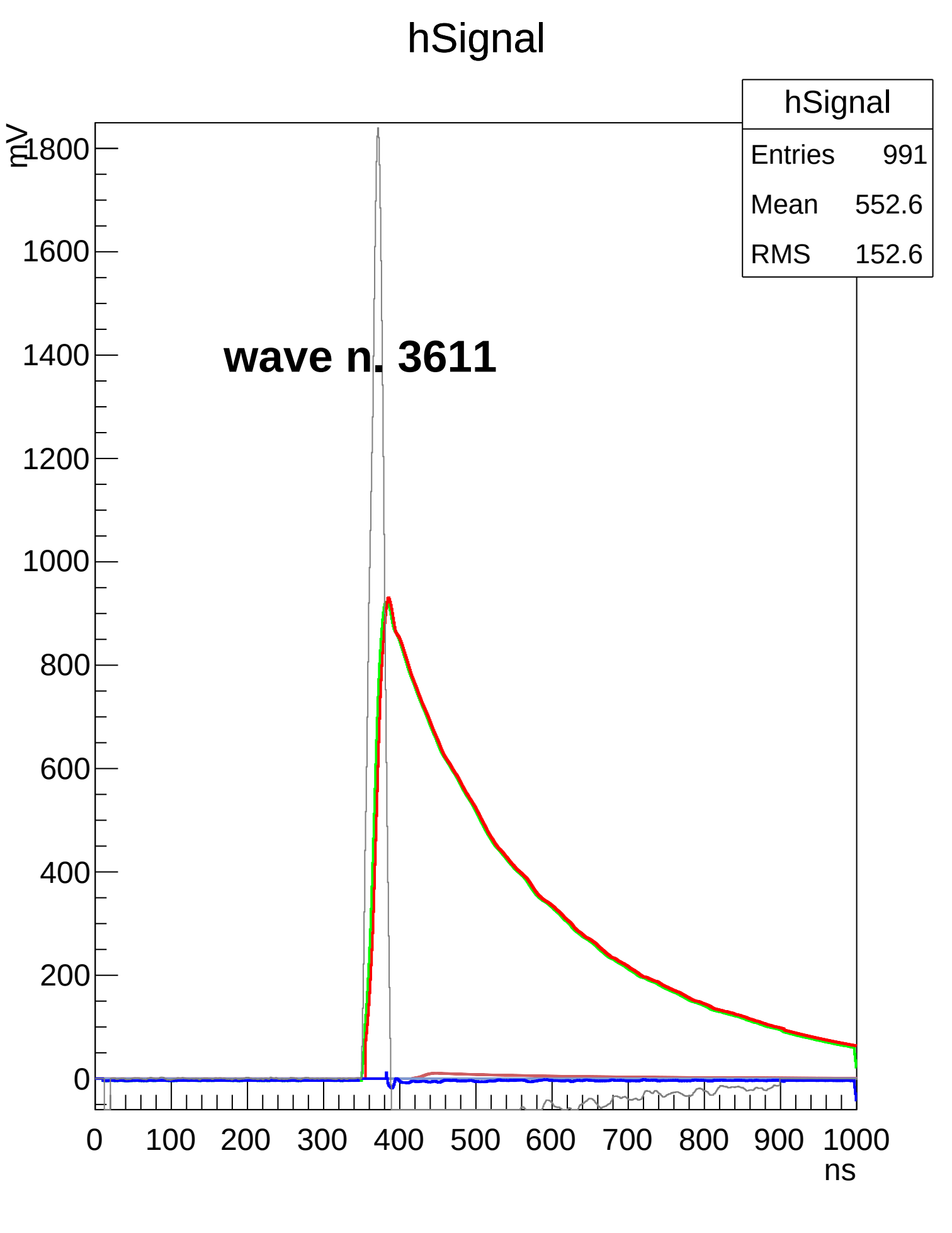
ns


hSignal
hSignal
Entries 991
Mean 552.6
RMS 152.6
wave n. 3611
mV
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1200
1000
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400
200
0
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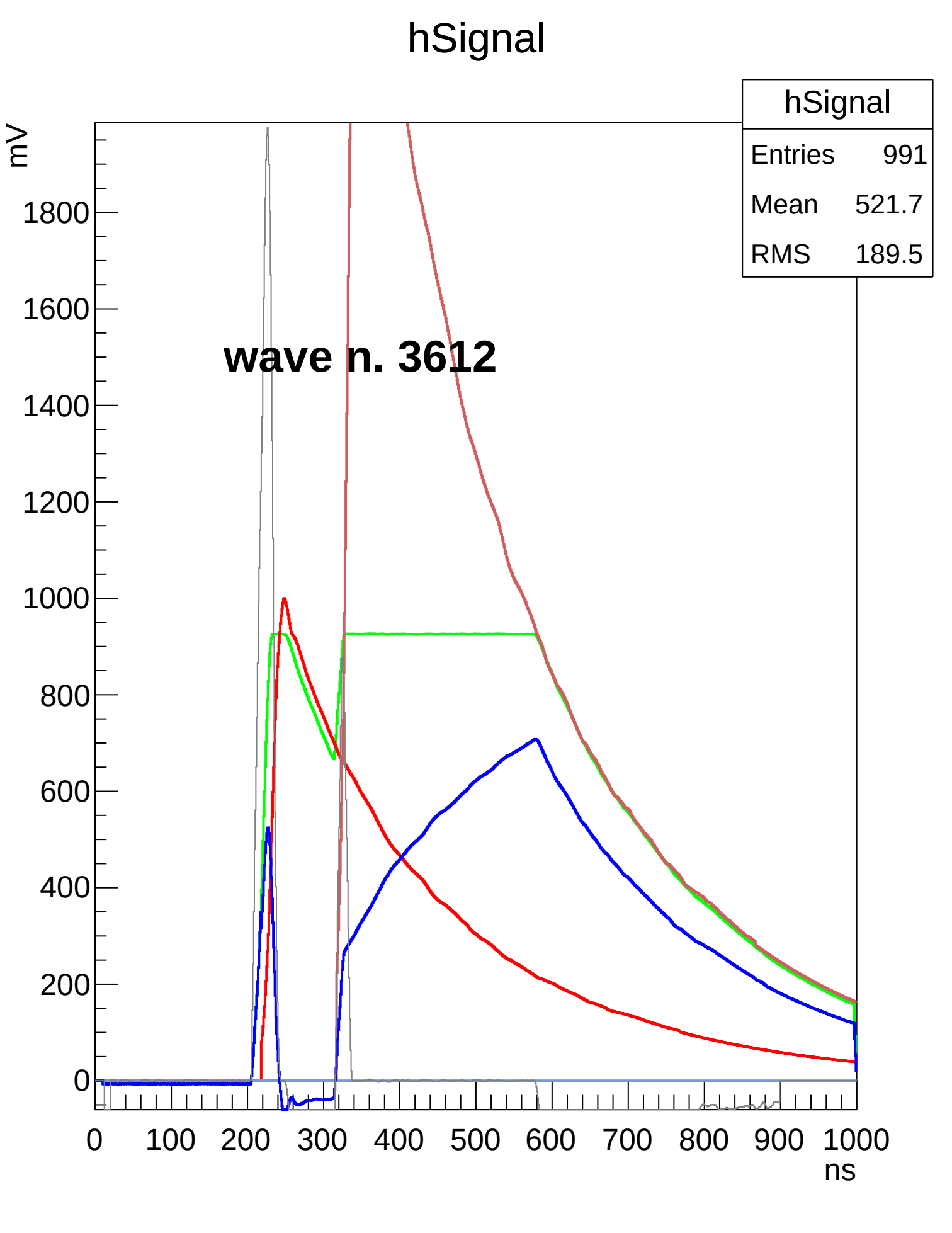
ns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hSignal
Entries 991
Mean 521.7
RMS 189.5
wave n. 3612
mV
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1600
1400
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1000
800
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400
200
0
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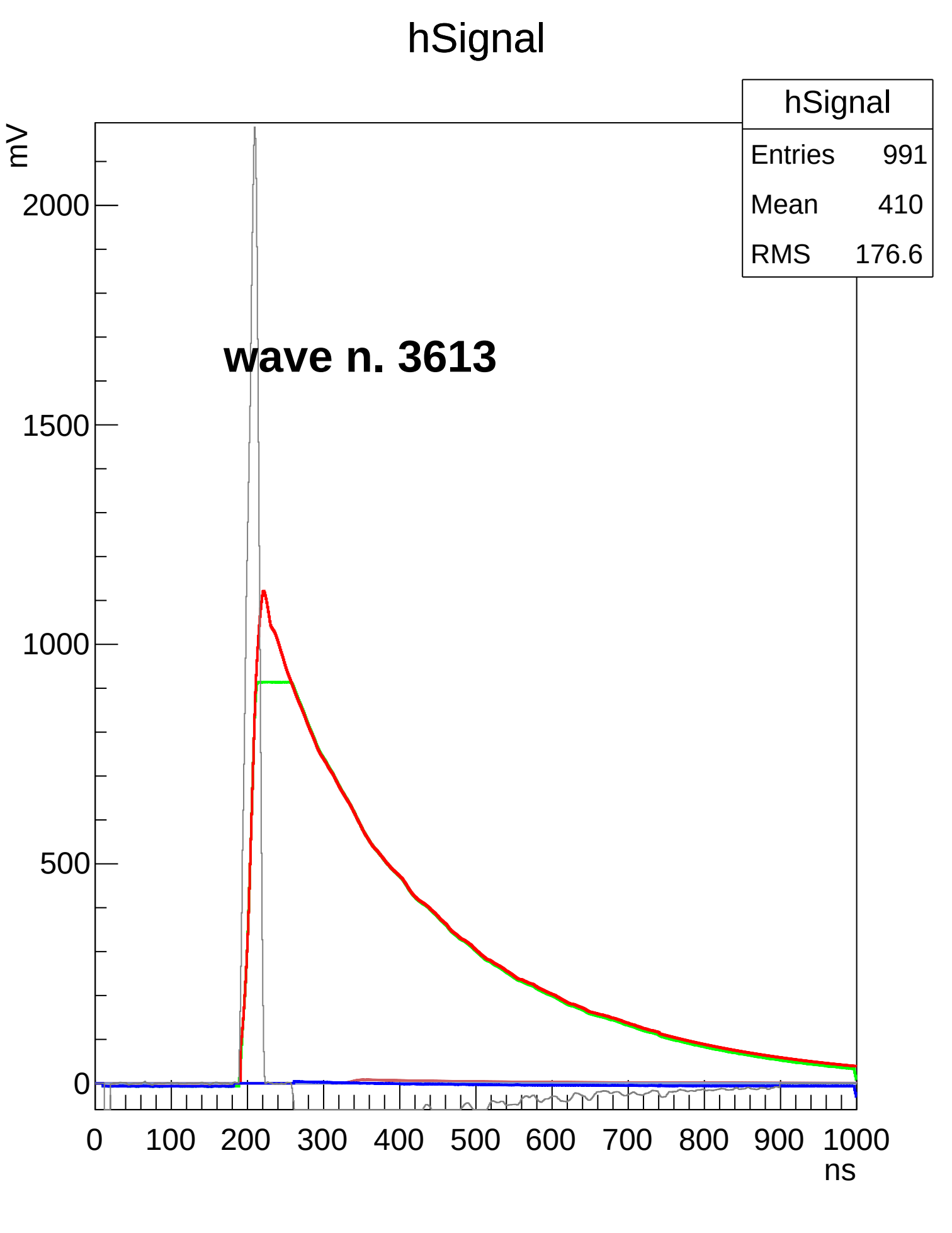
ns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Mean 410
RMS 176.6
wave n. 3613
mV
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1000
500
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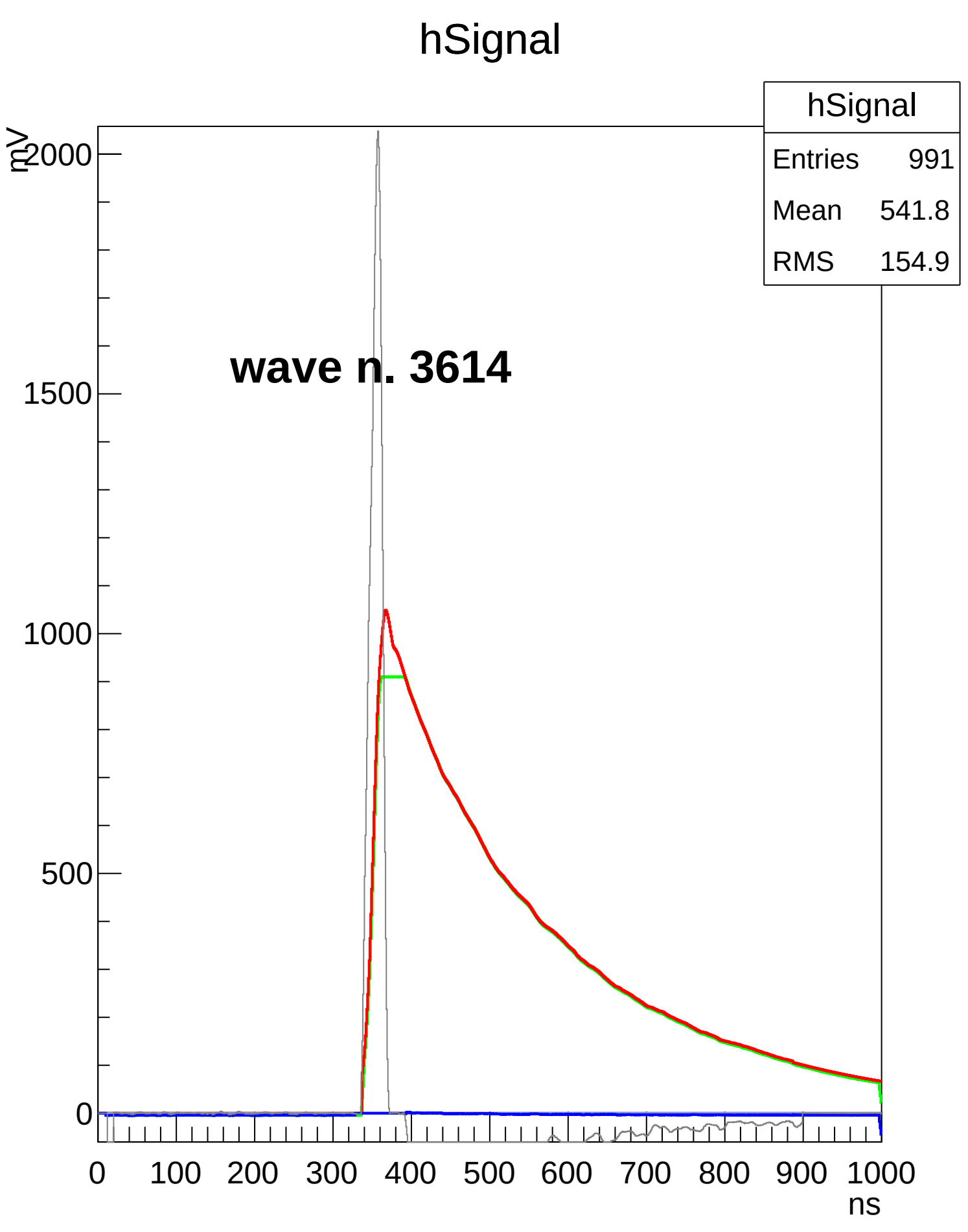
ns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hSignal
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Mean 541.8
RMS 154.9
wave n. 3614
mV
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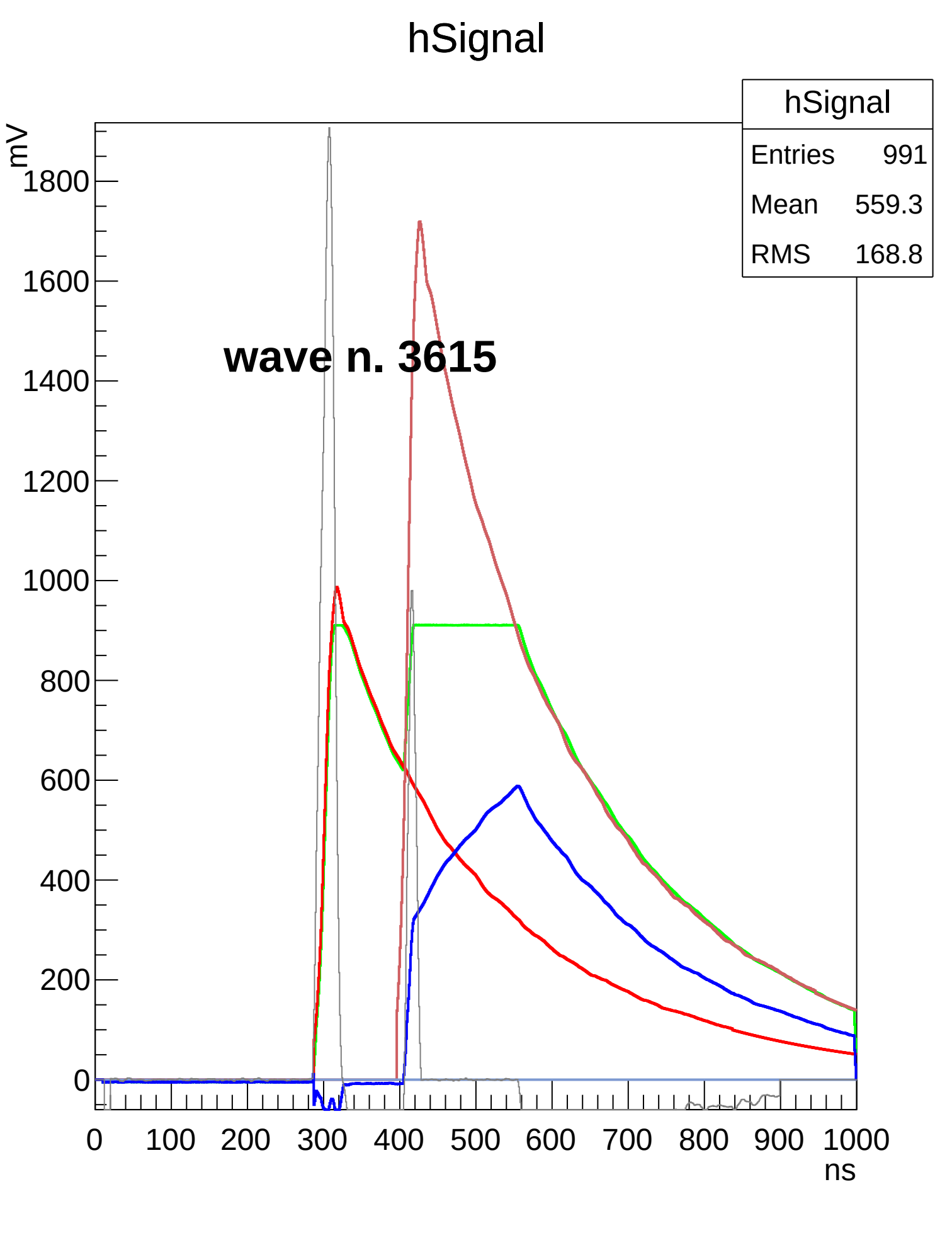
ns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hSignal
Entries 991
Mean 559.3
RMS 168.8
wave n. 3615
mV
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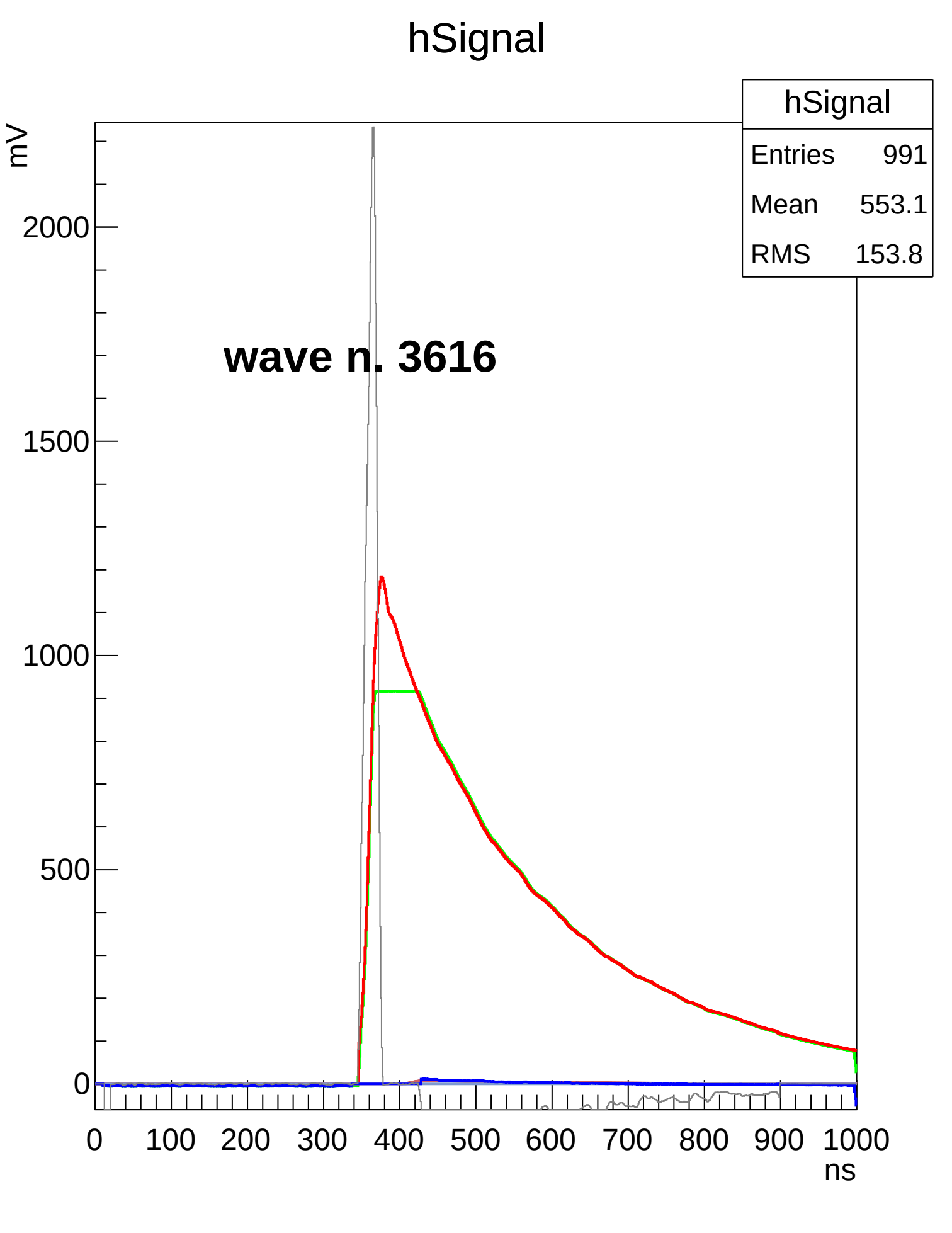
ns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Entries 991
Mean 553.1
RMS 153.8
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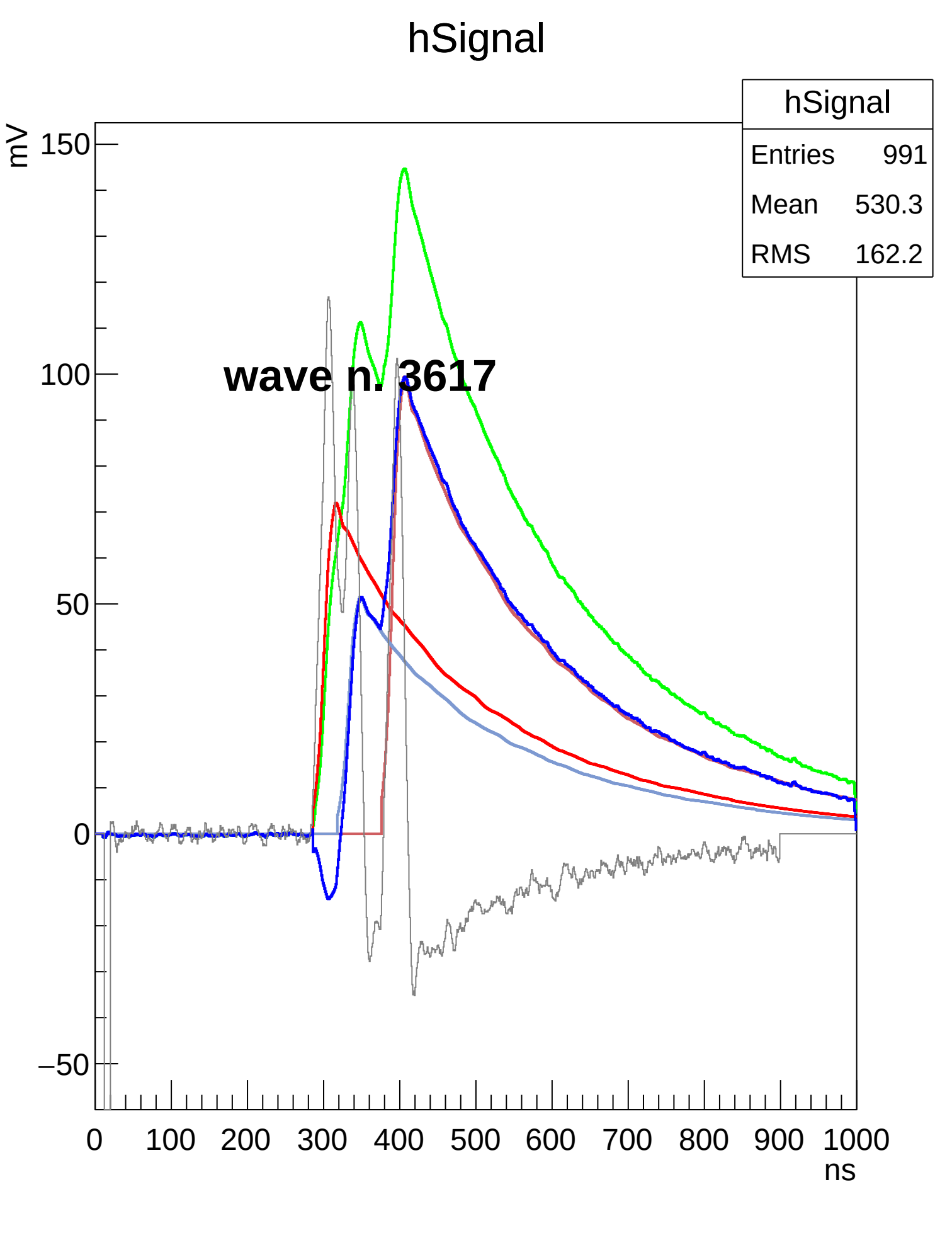
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hSignal
Entries 991
Mean 530.3
RMS 162.2
wave n. 3617
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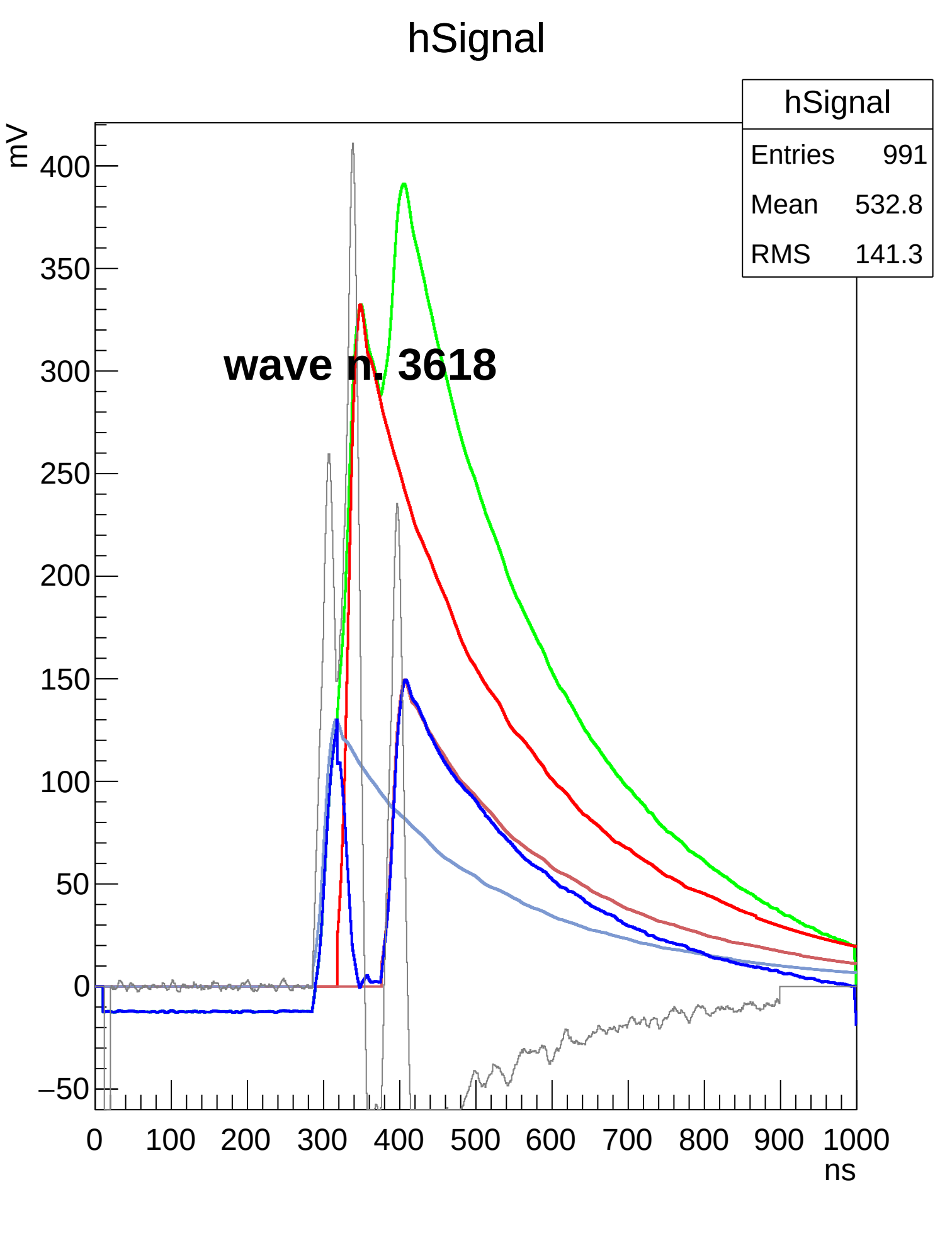
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hSignal
Entries 991
Mean 532.8
RMS 141.3
wave n. 3618
mV
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350
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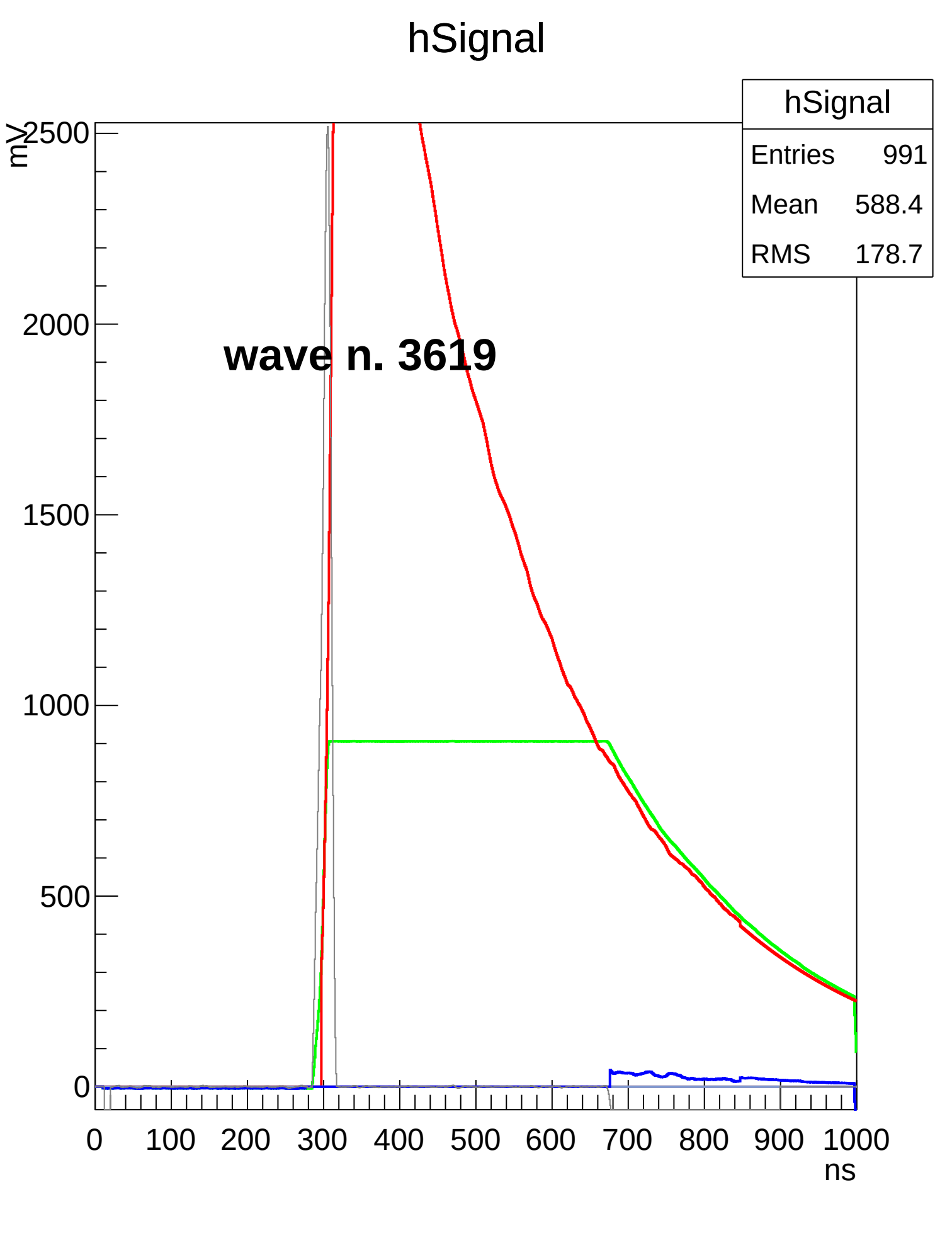
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Entries 991
Mean 588.4
RMS 178.7
wave n. 3619
mV
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1000
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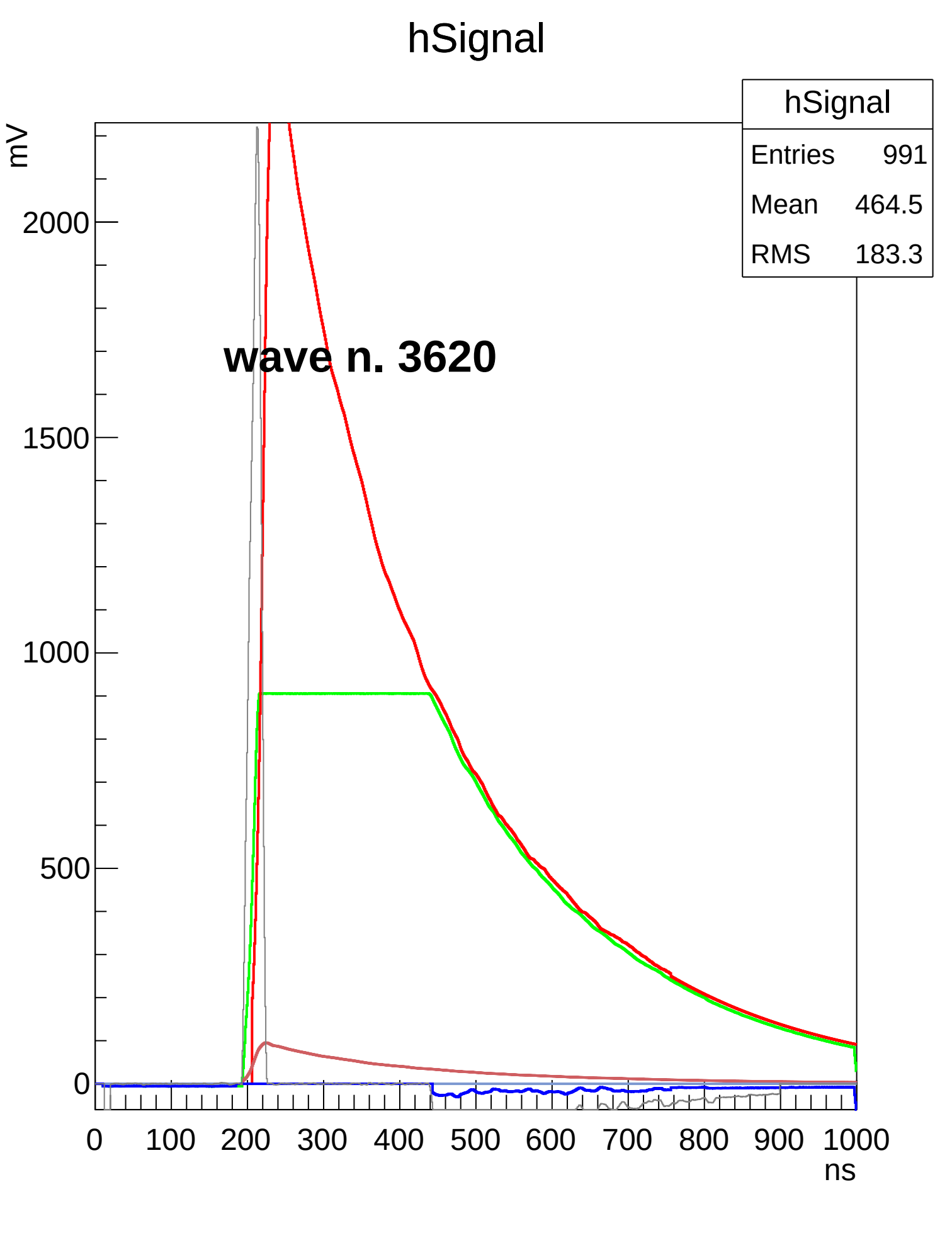
hSignal
hSignal
Entries 991
Mean 464.5
RMS 183.3
wave n. 3620
mV
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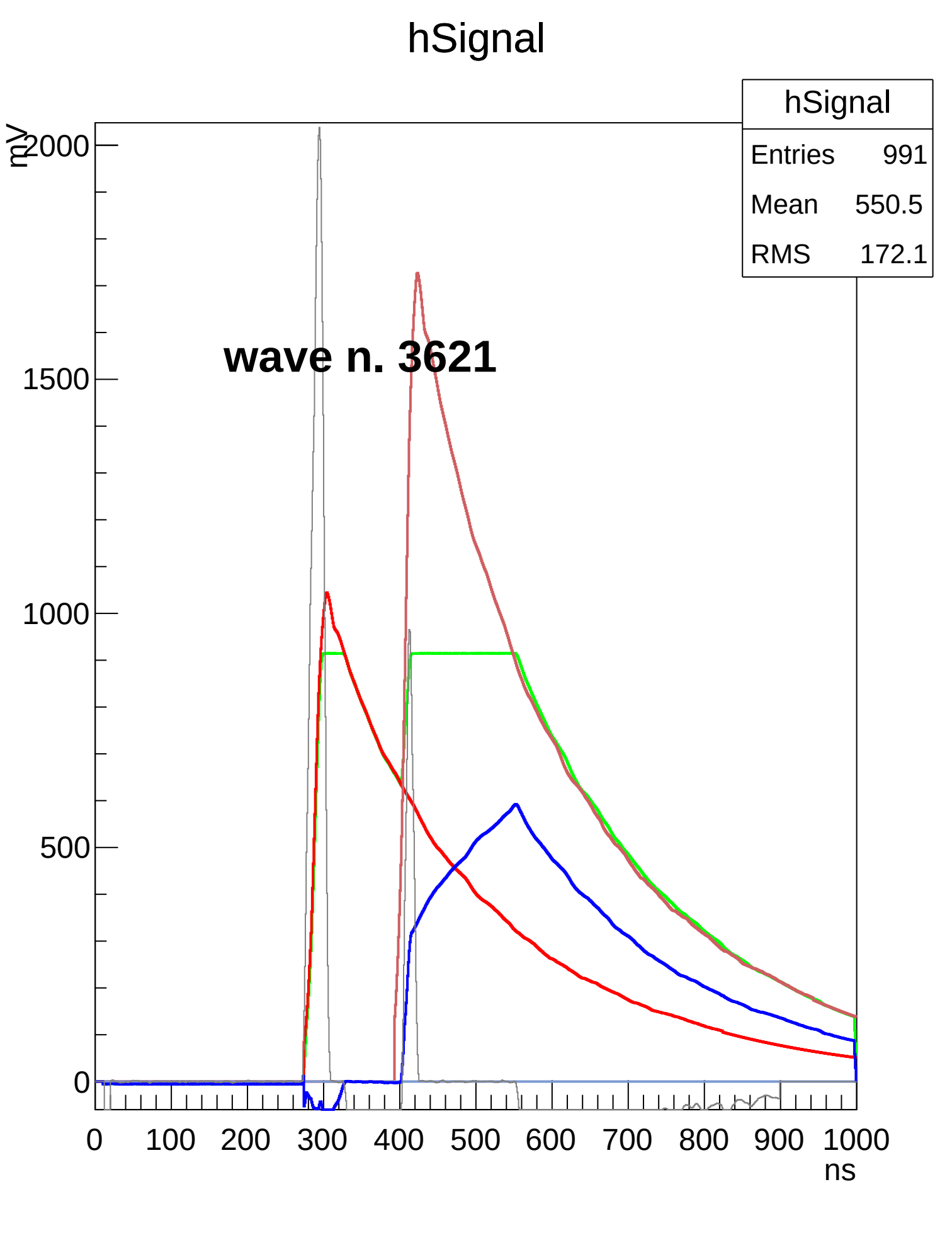
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Entries 991
Mean 550.5
RMS 172.1
wave n. 3621
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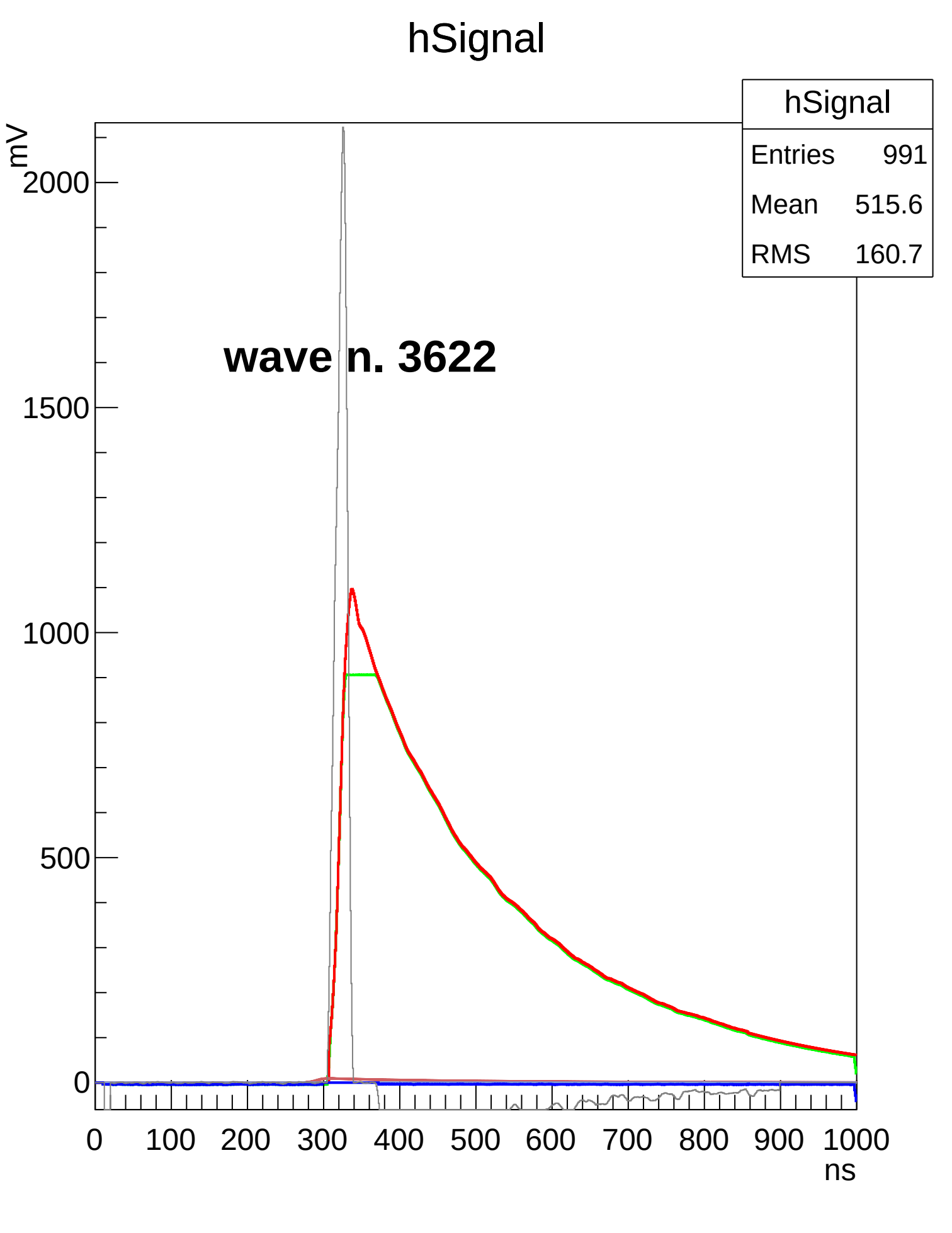
hSignal
hSignal
Entries 991
Mean 515.6
RMS 160.7
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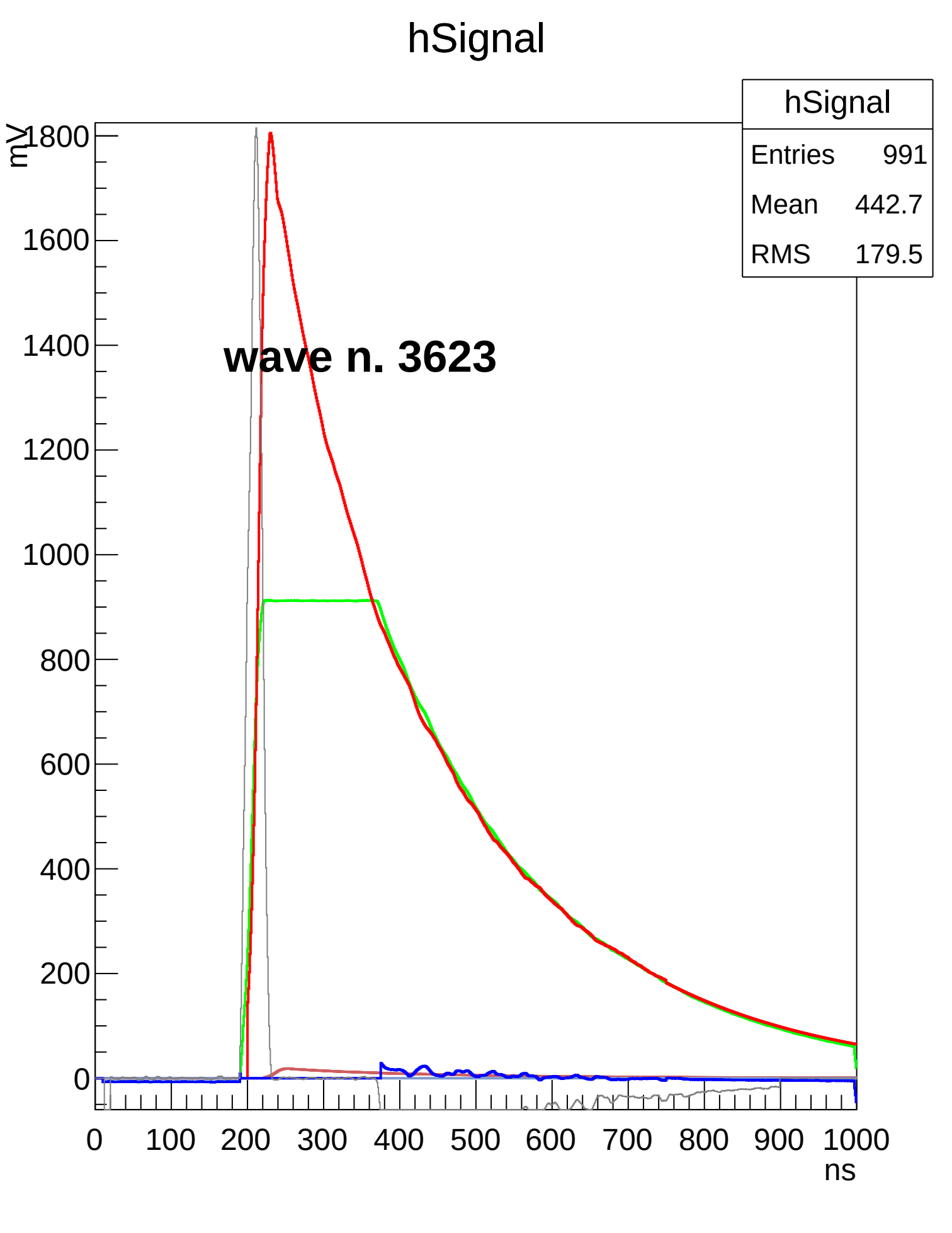
1000
ns


hSignal
hSignal
Entries 991
Mean 442.7
RMS 179.5
wave n. 3623
mV
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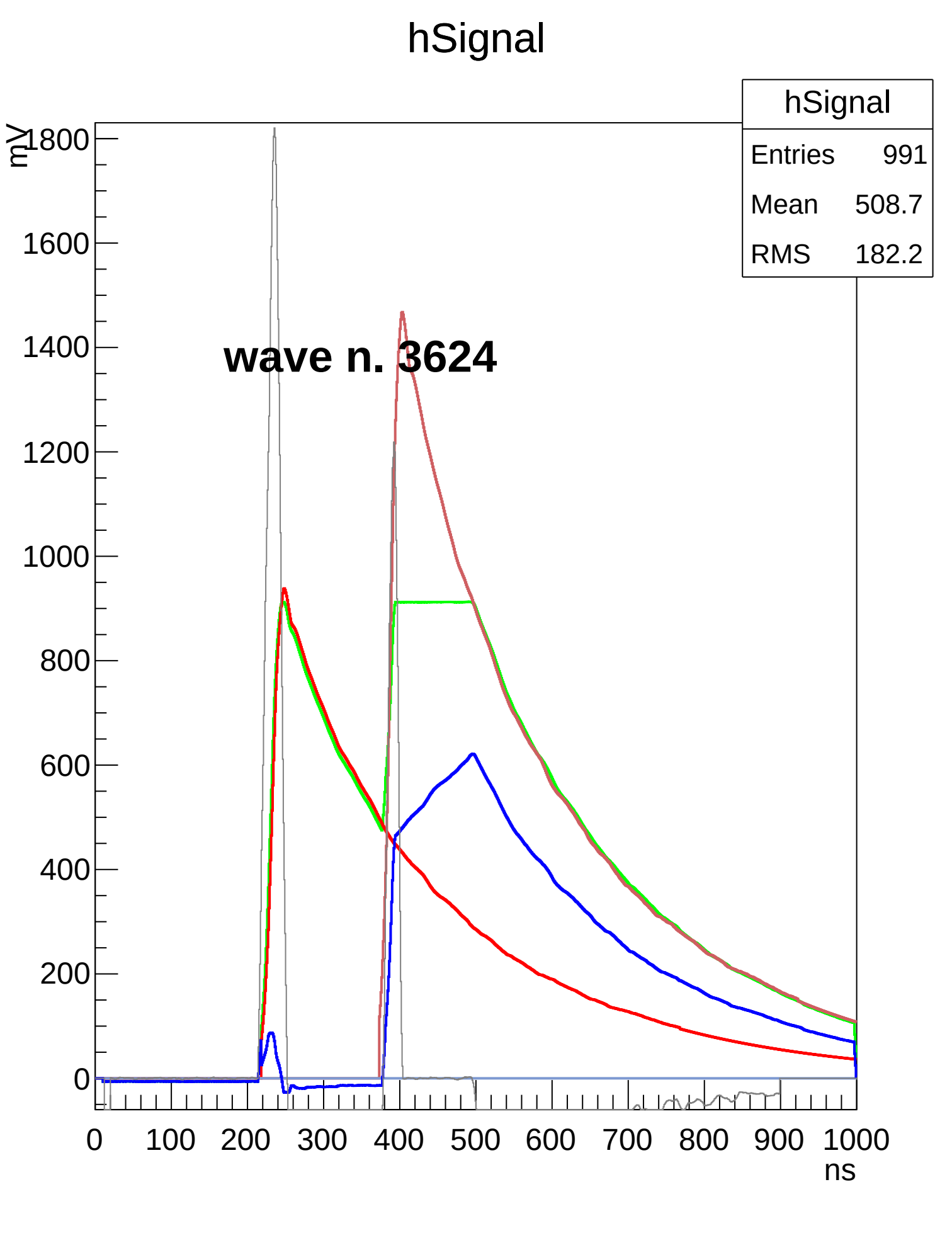
hSignal
hSignal
Entries 991
Mean 508.7
RMS 182.2
wave n. 3624
mV
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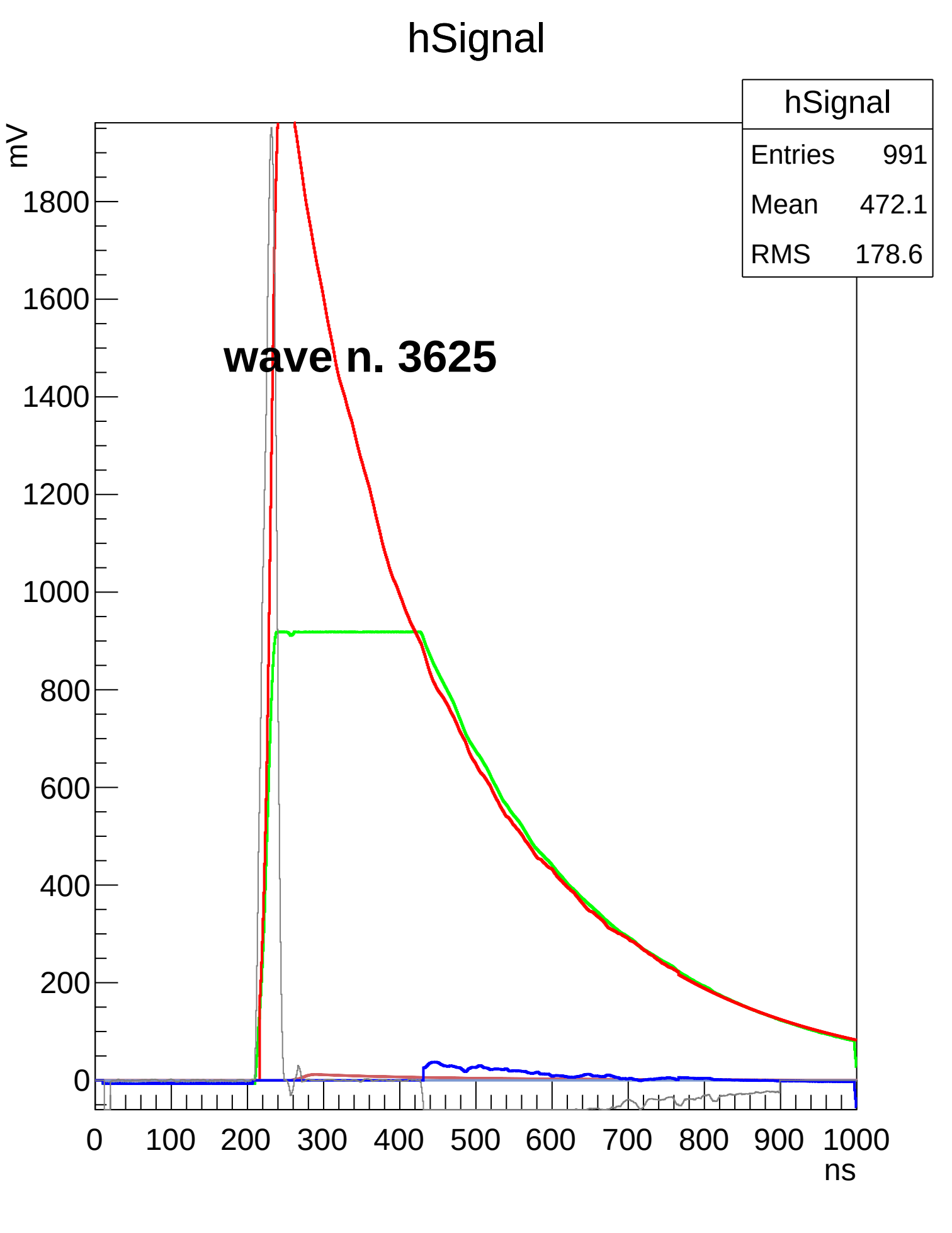
hSignal
hSignal
Entries 991
Mean 472.1
RMS 178.6
wave n. 3625
mV
1800
1600
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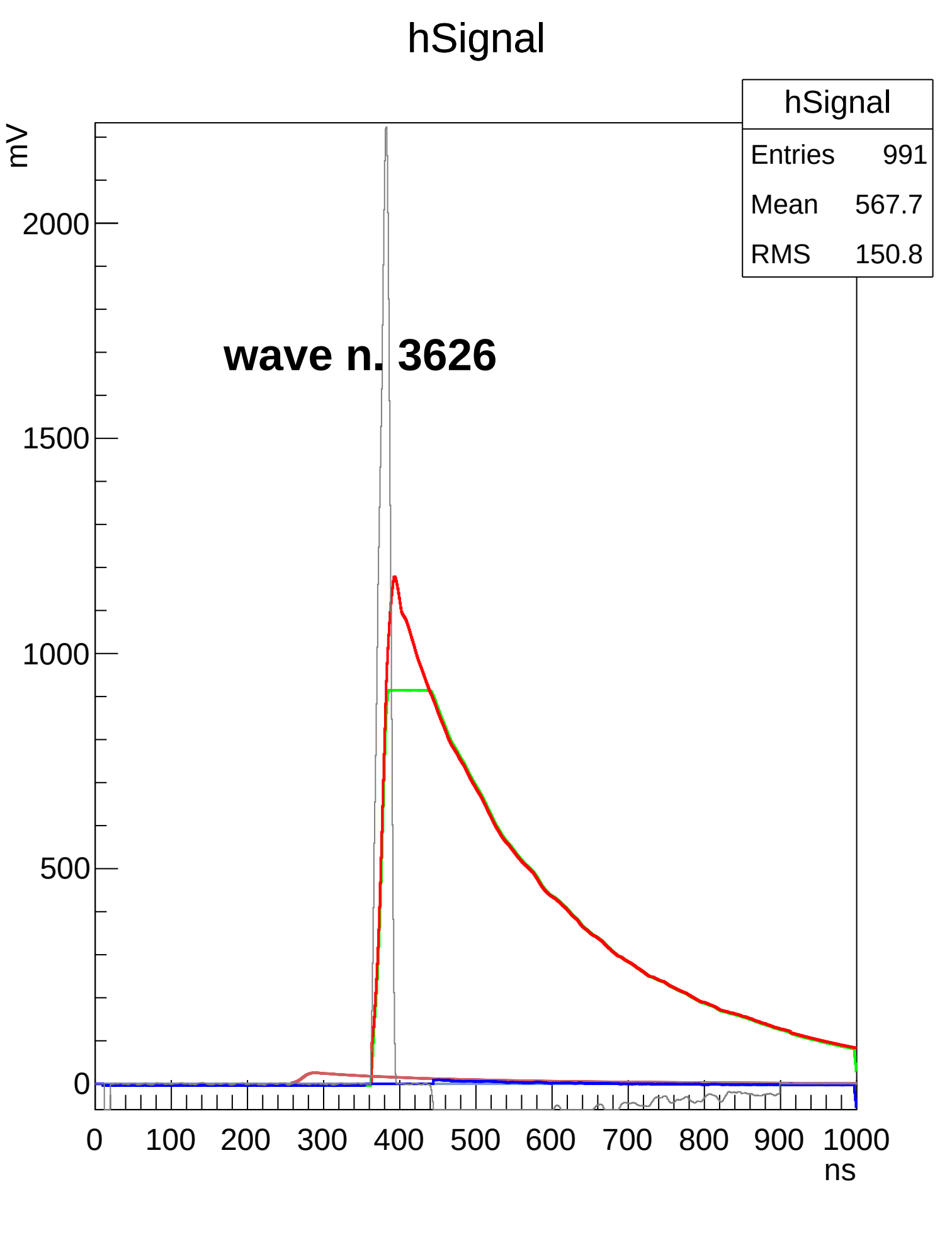
hSignal
hSignal
Entries 991
Mean 567.7
RMS 150.8
wave n. 3626
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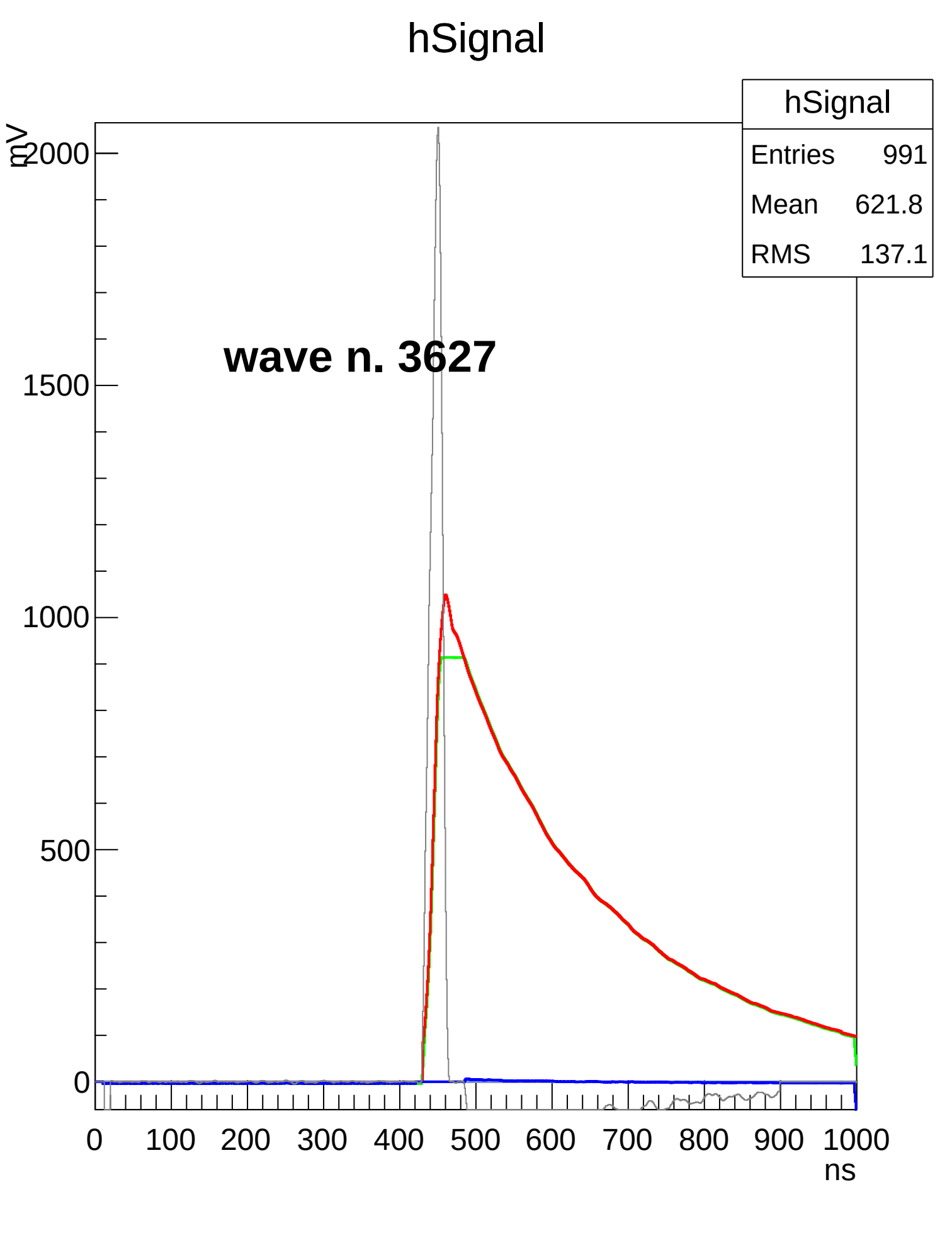
ns


hSignal
hSignal
Entries 991
Mean 621.8
RMS 137.1
wave n. 3627
mV
2000
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1000
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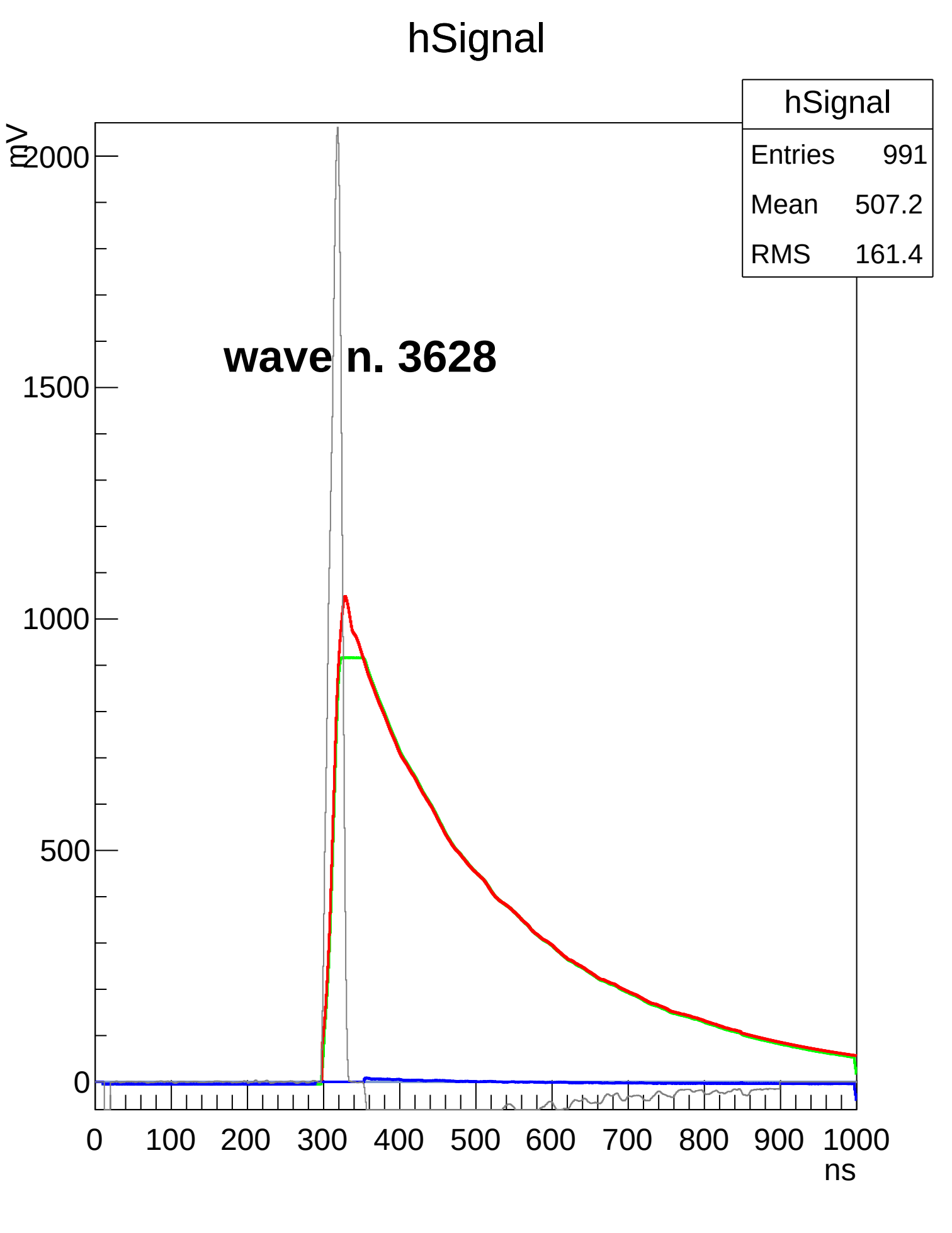
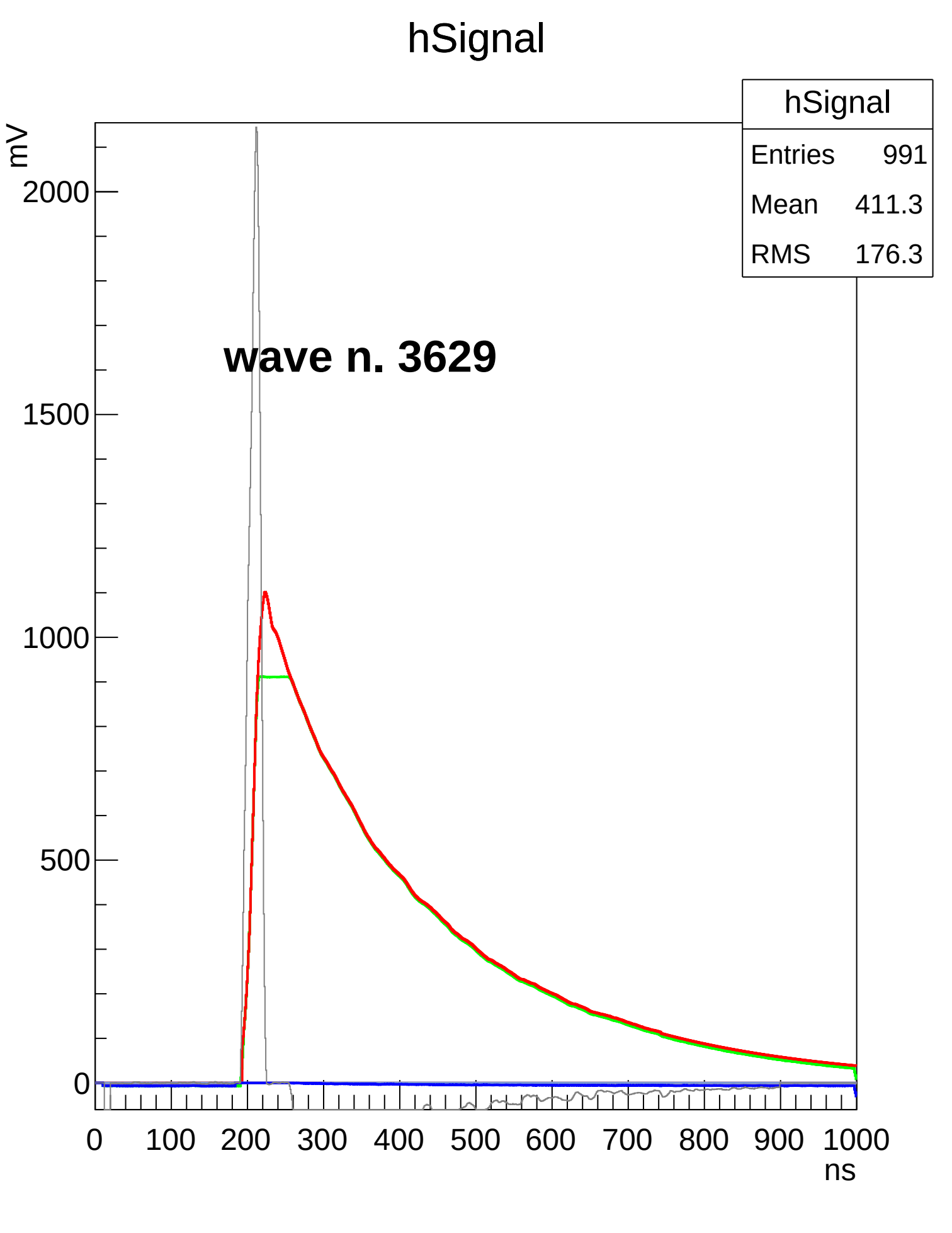
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507.2
RMS 161.4
wave n. 3628
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 411.3
RMS 176.3
wave n. 3629
mV
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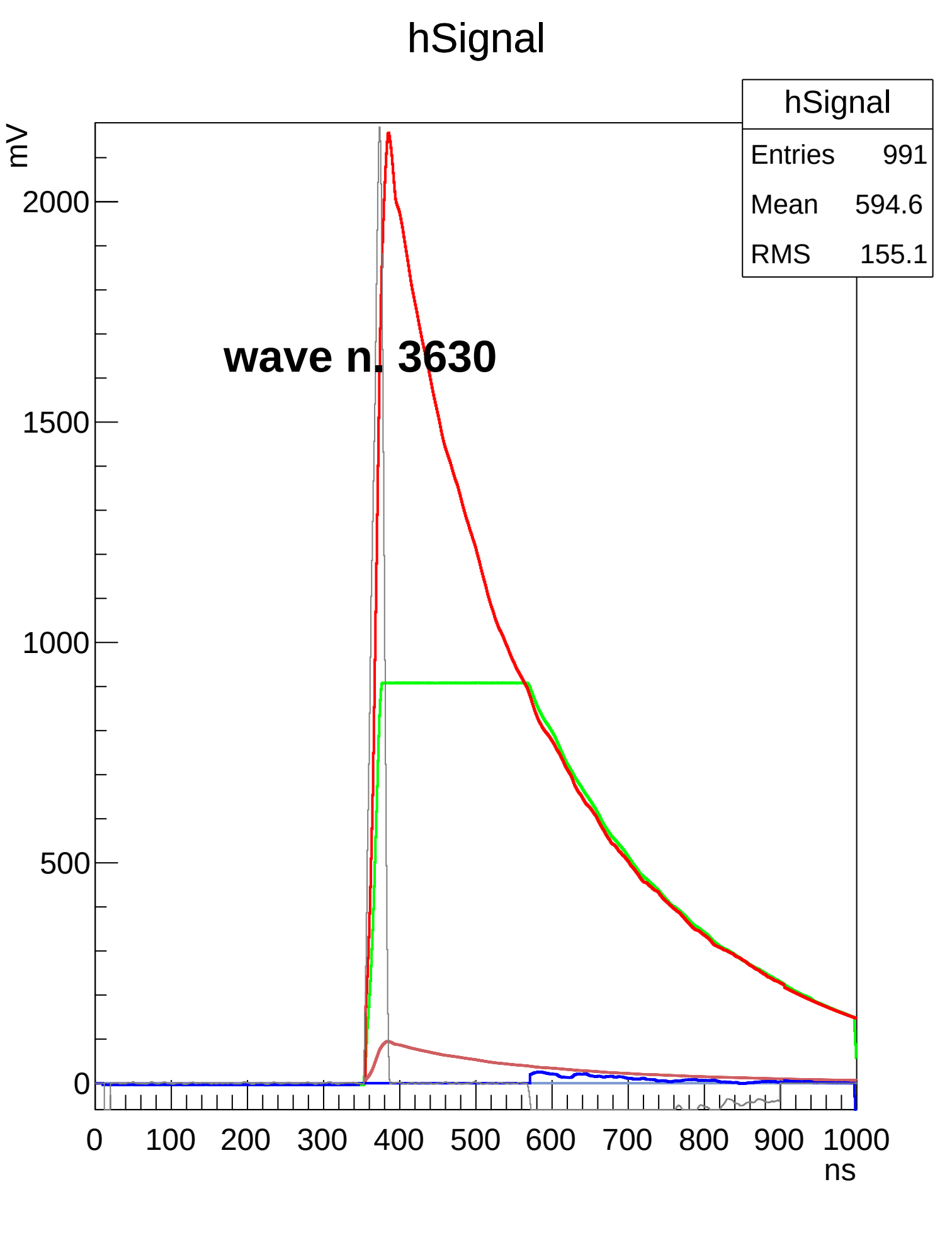
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 594.6
RMS 155.1
wave n. 3630
mV
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1500
1000
500
0
0
100
200
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400
500
600
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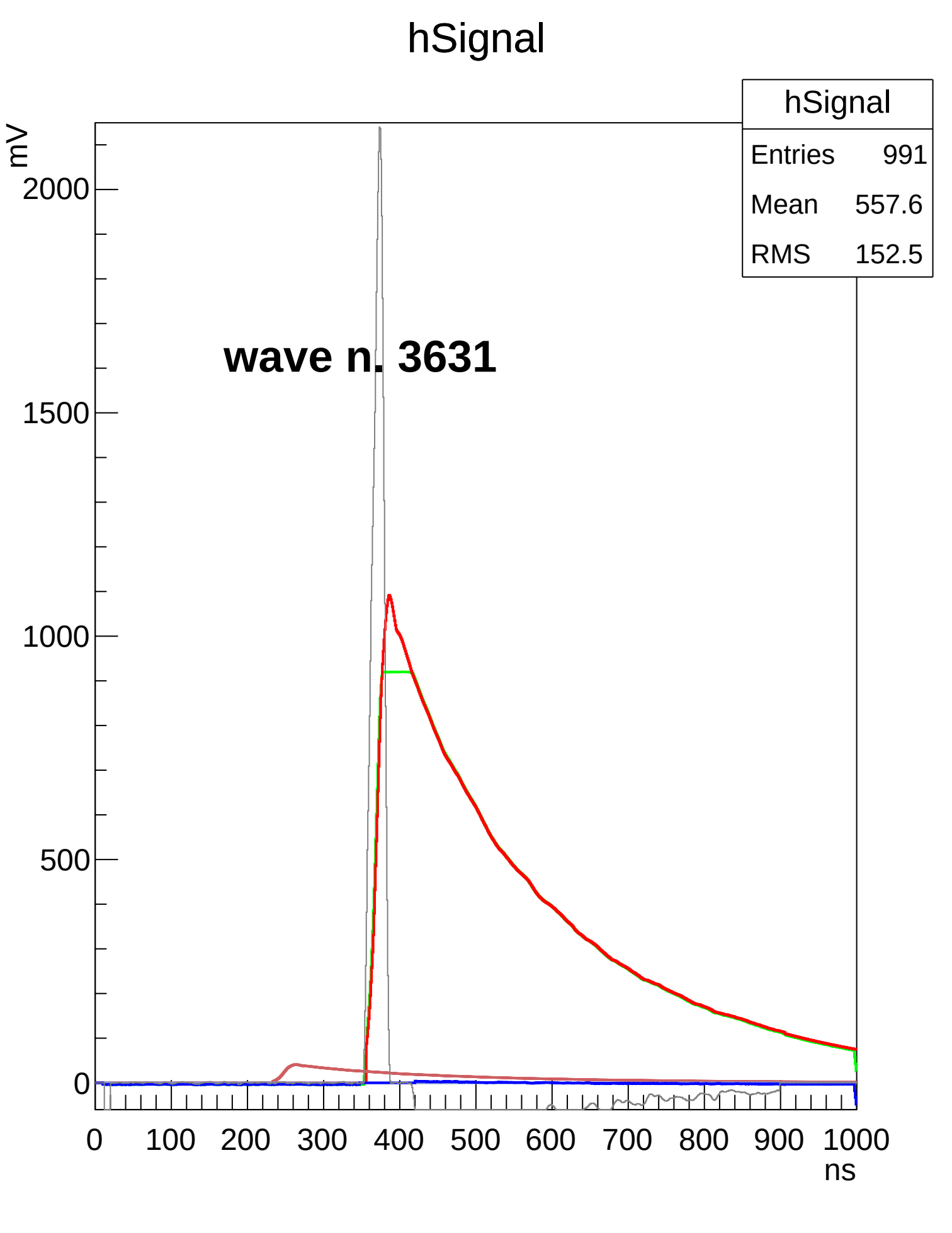
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 557.6
RMS 152.5
wave n. 3631
mV
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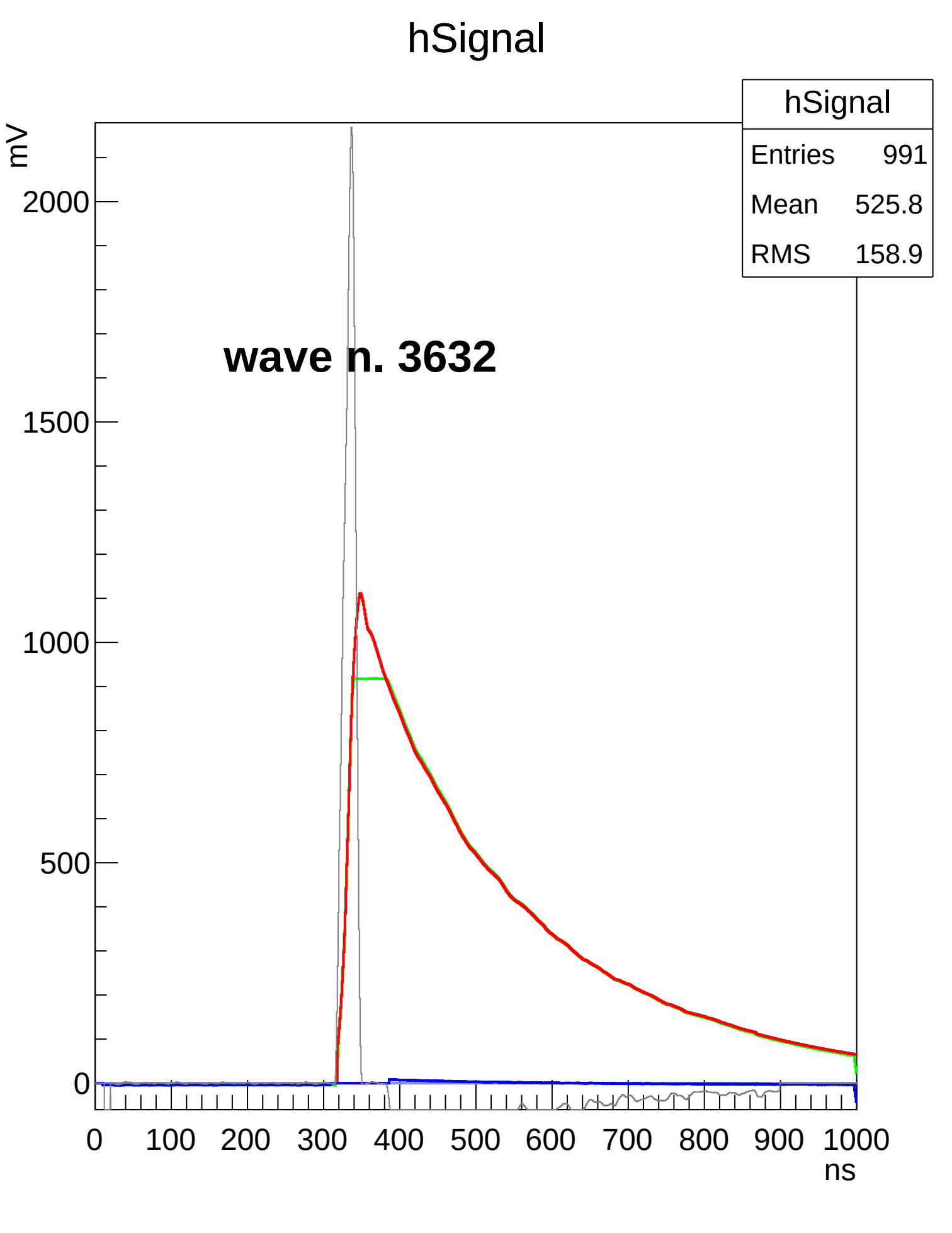
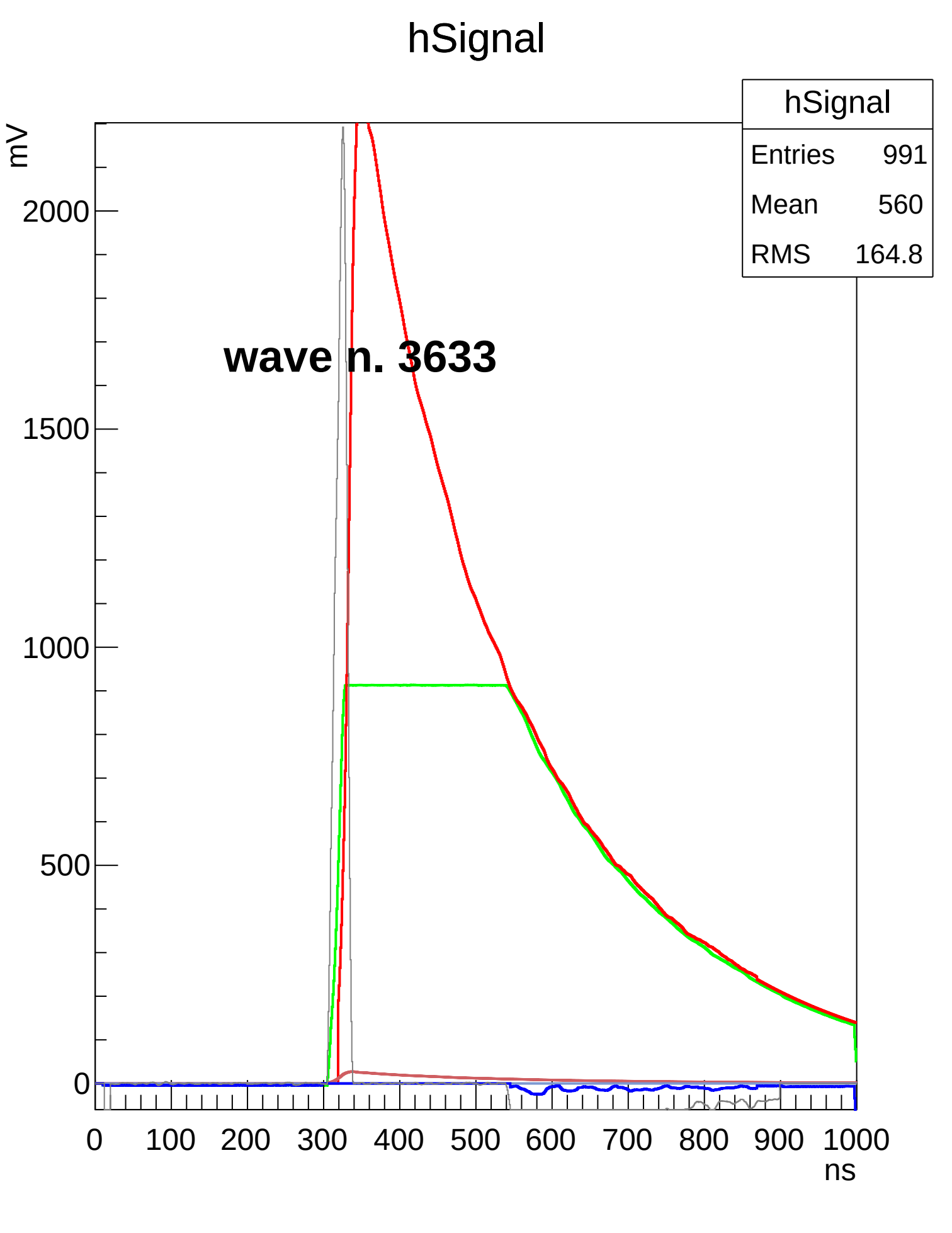
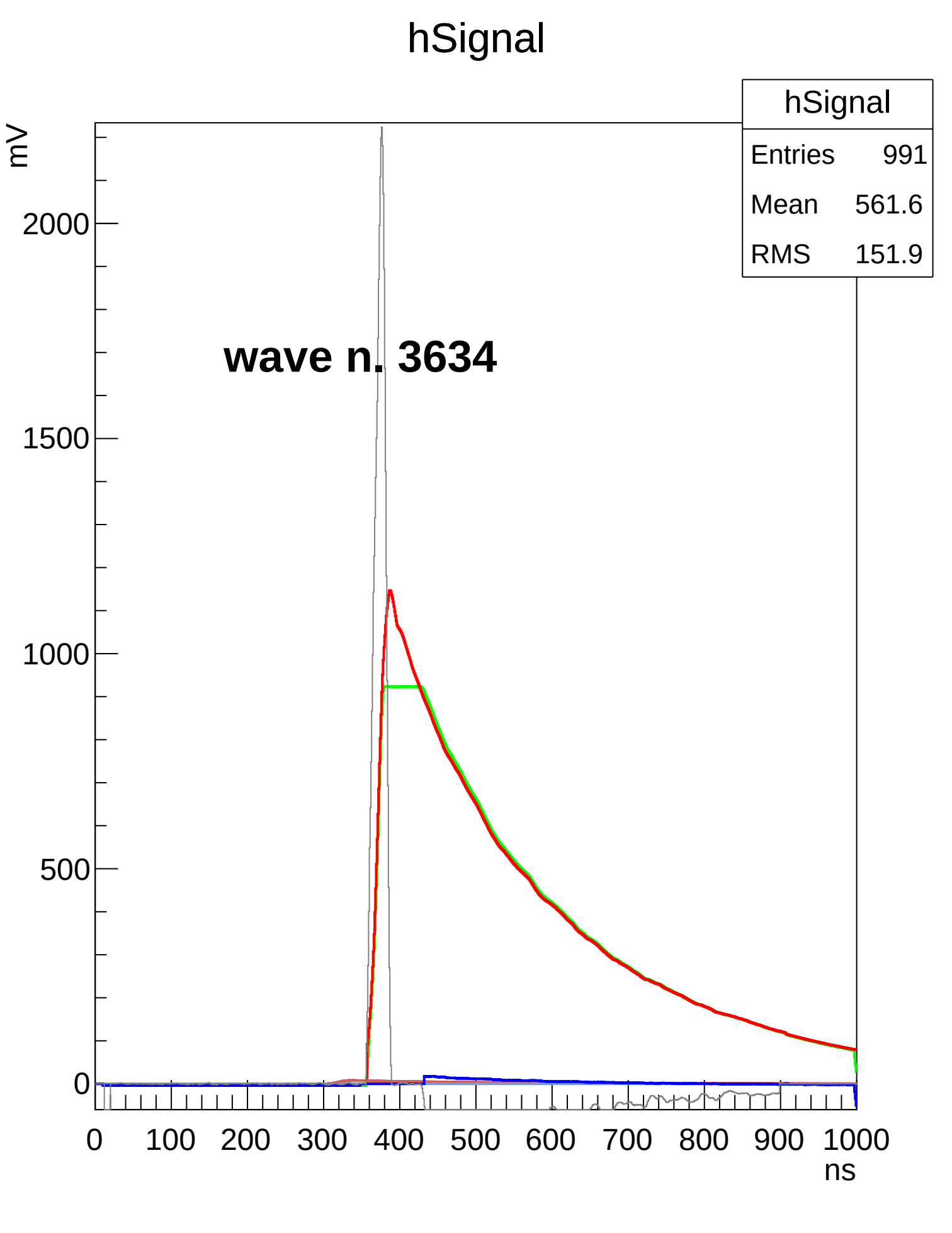
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 525.8
RMS 158.9
wave n. 3632
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 560
RMS 164.8
wave n. 3633
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 561.6
RMS 151.9
wave n. 3634
mV
2000
1500
1000
500
0
0
100
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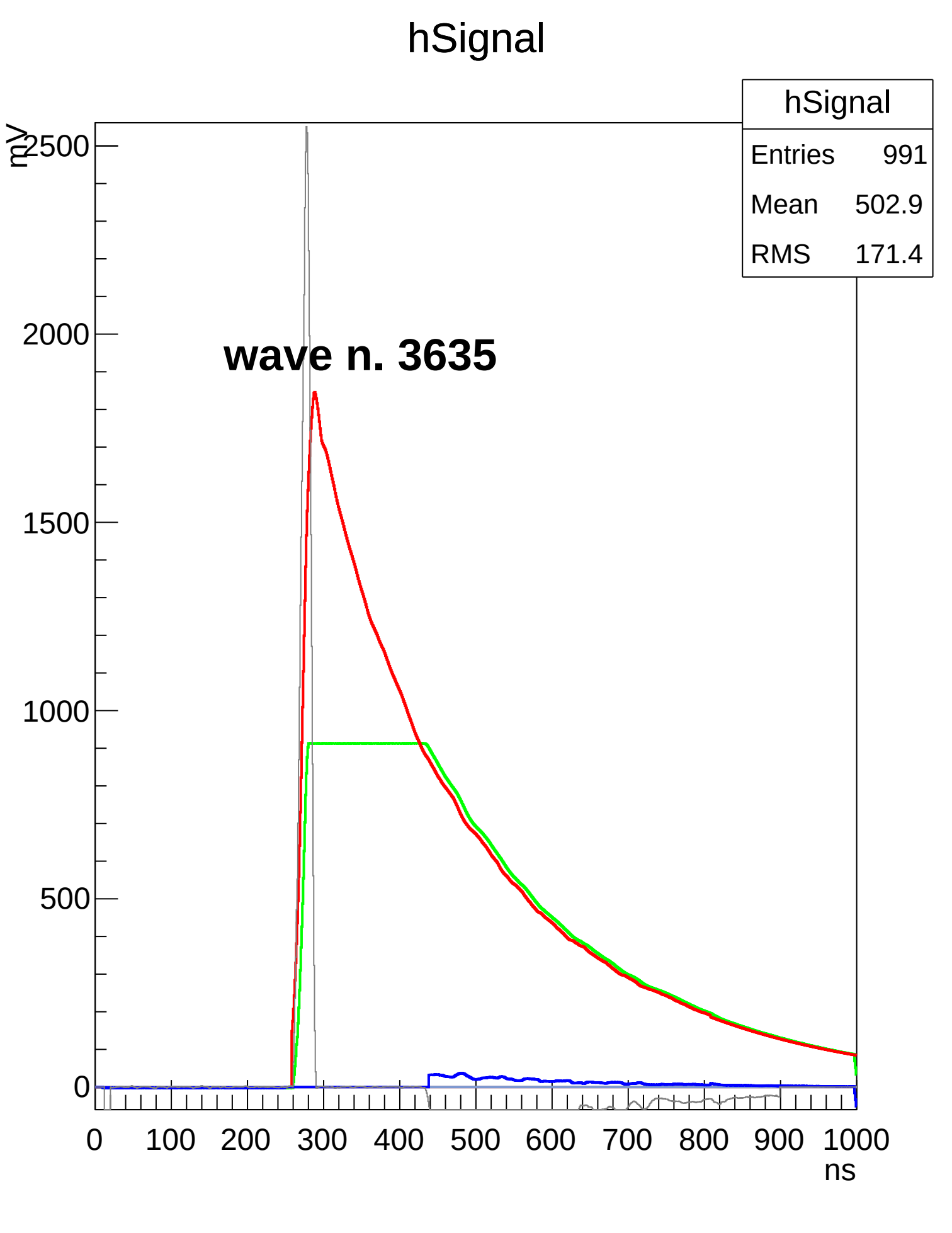
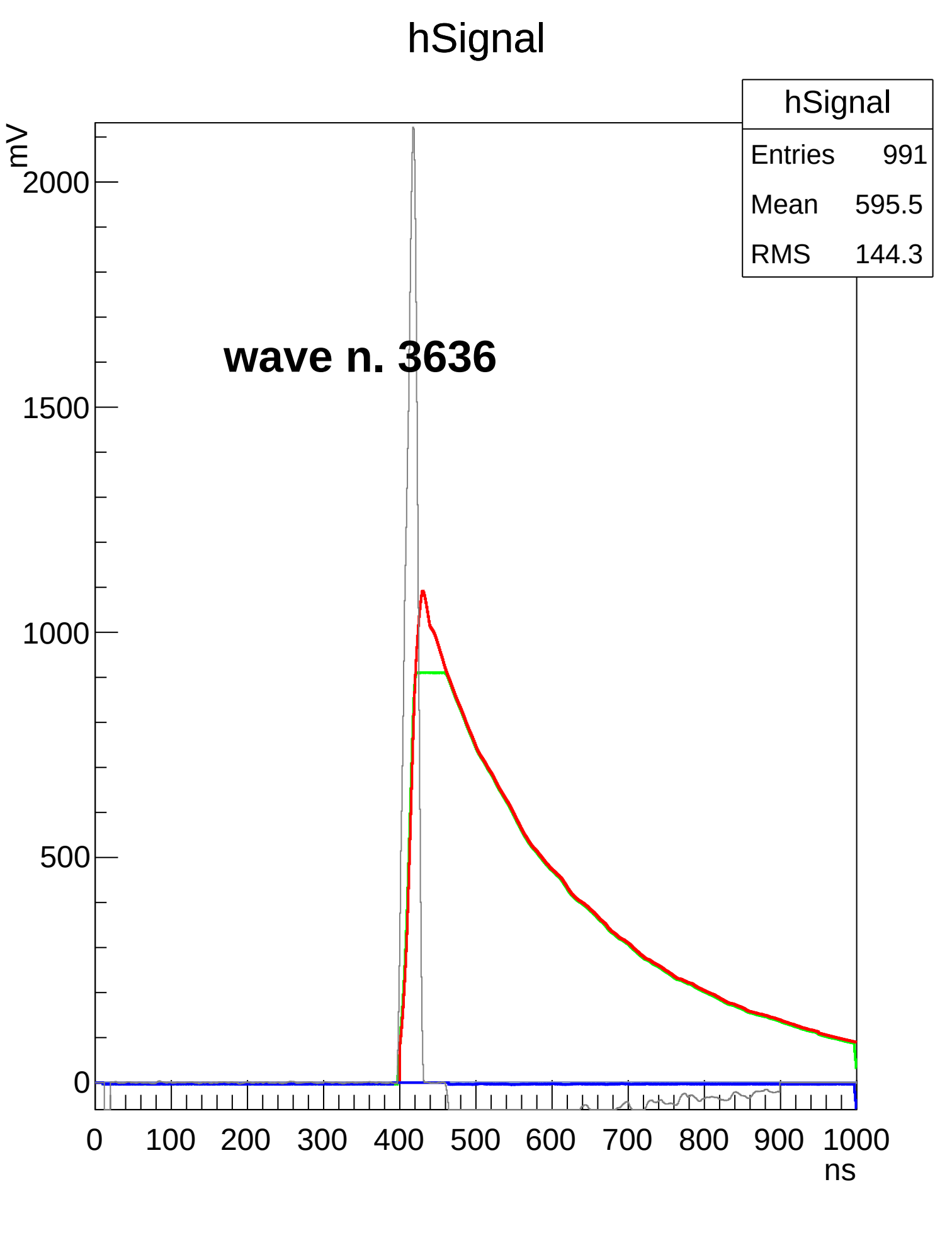
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.9
RMS 171.4
wave n. 3635
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 595.5
RMS 144.3
wave n. 3636
mV
2000
1500
1000
500
0
0
100
200
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400
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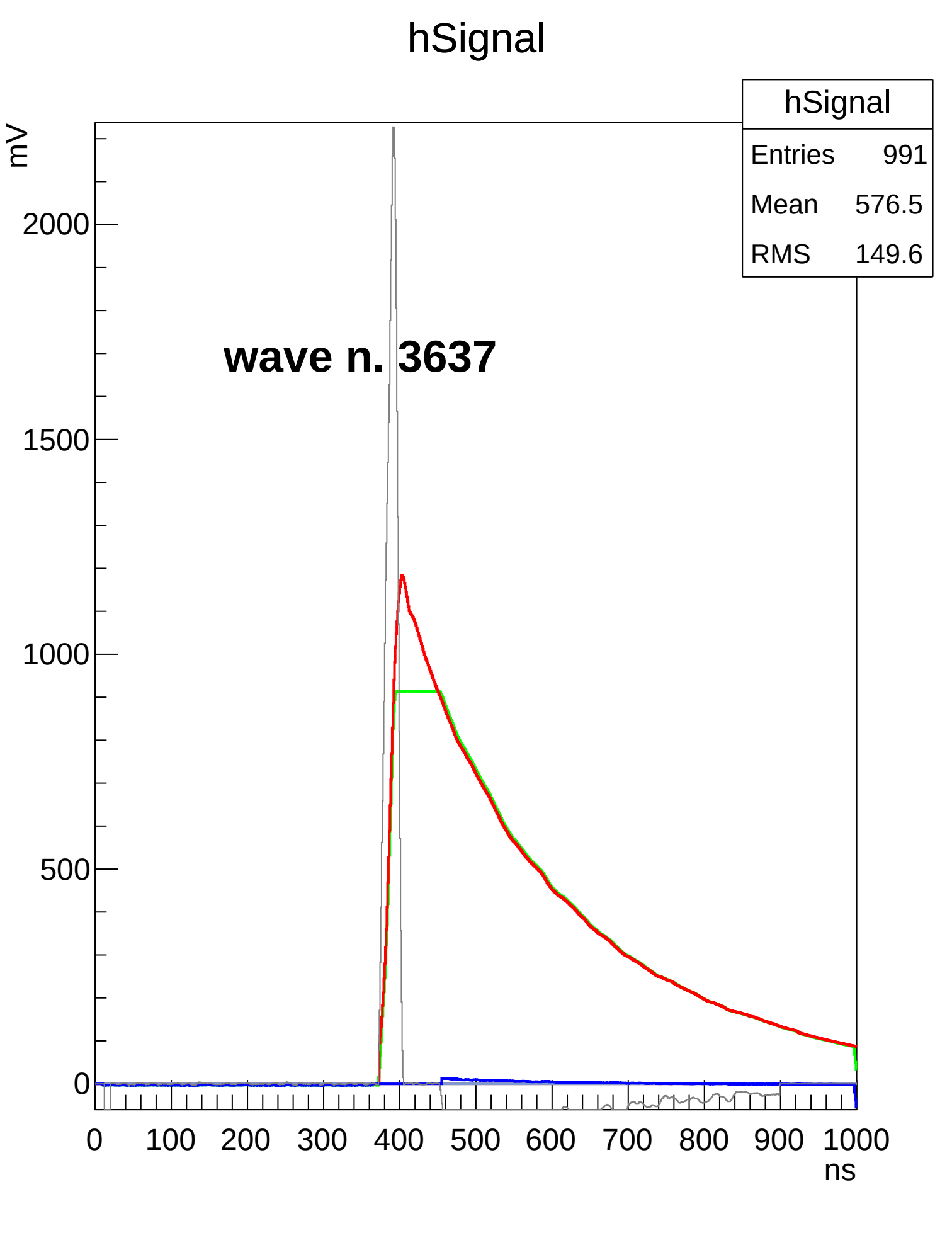
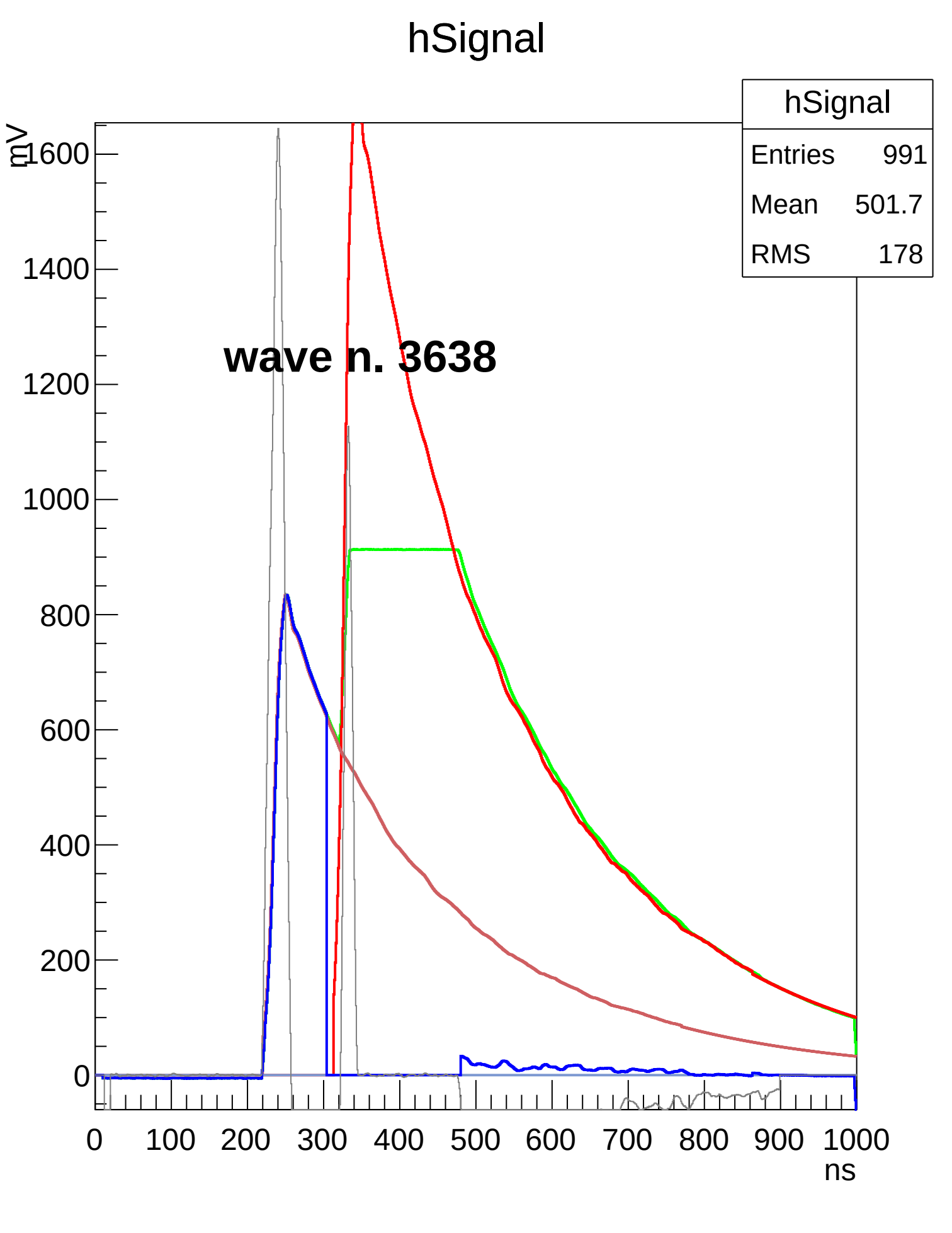
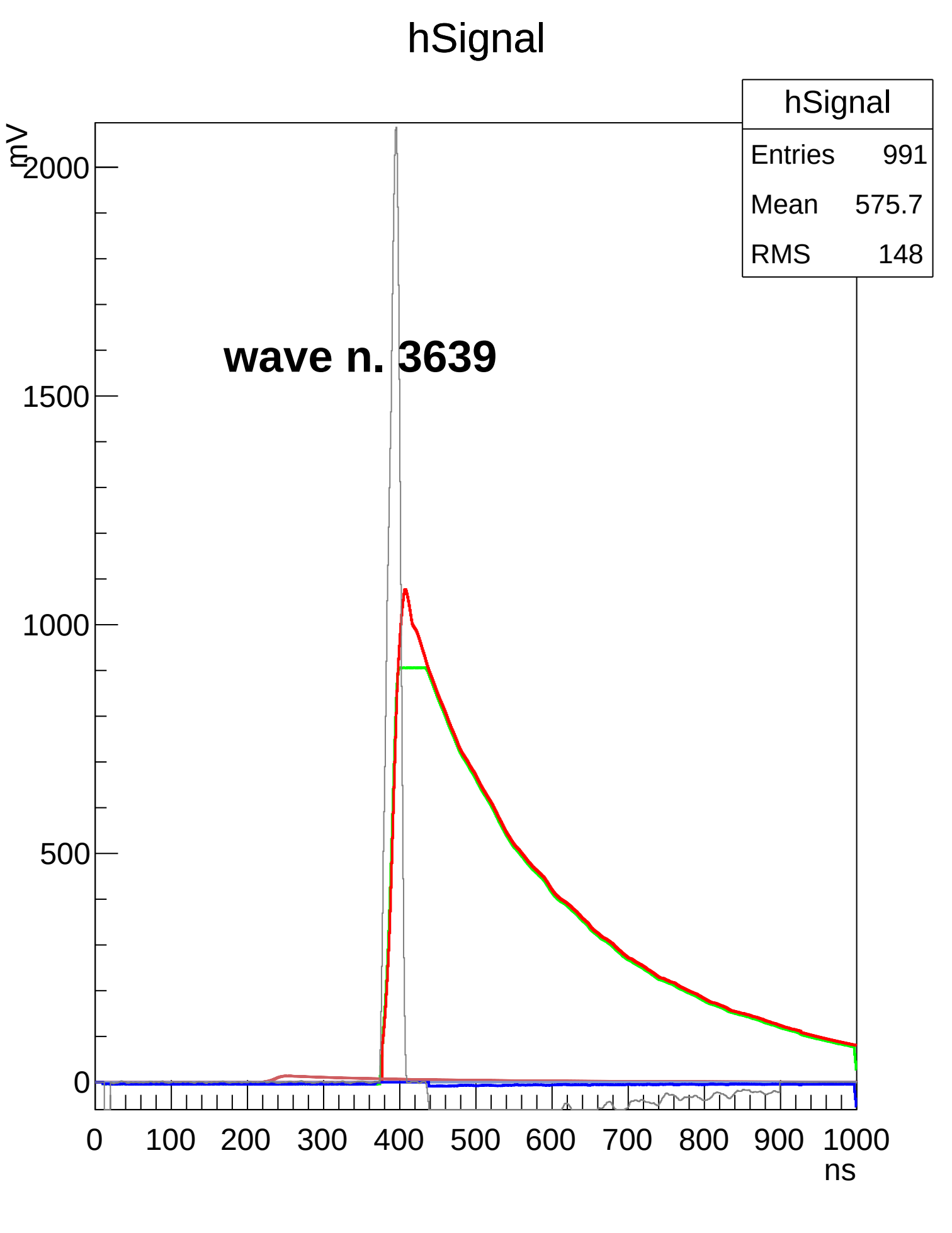
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576.5
RMS 149.6
wave n. 3637
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 501.7
RMS 178
wave n. 3638
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 575.7
RMS 148
wave n. 3639
mV
2000
1500
1000
500
0
0
100
200
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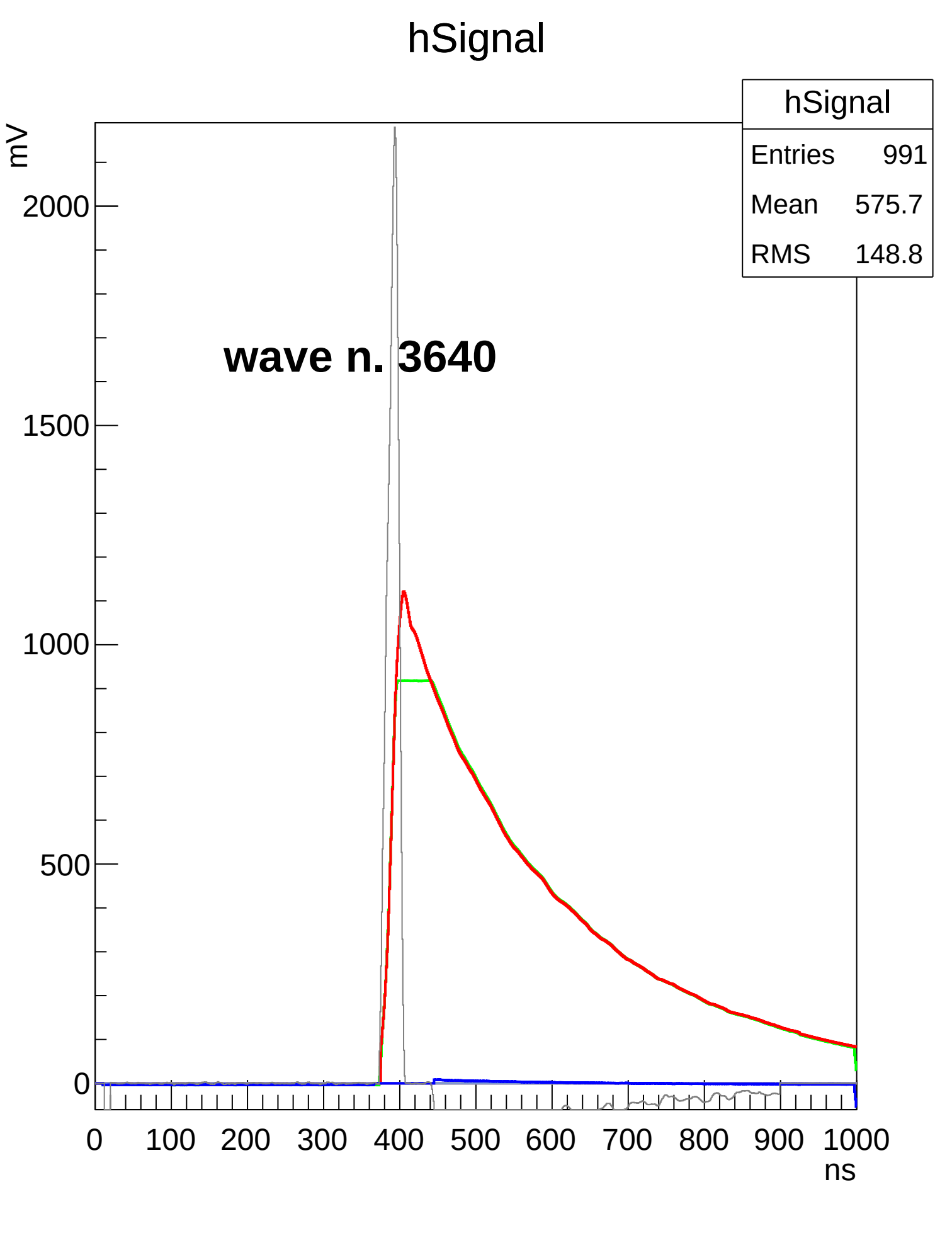
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 575.7
RMS 148.8
wave n. 3640
mV
2000
1500
1000
500
0
0
100
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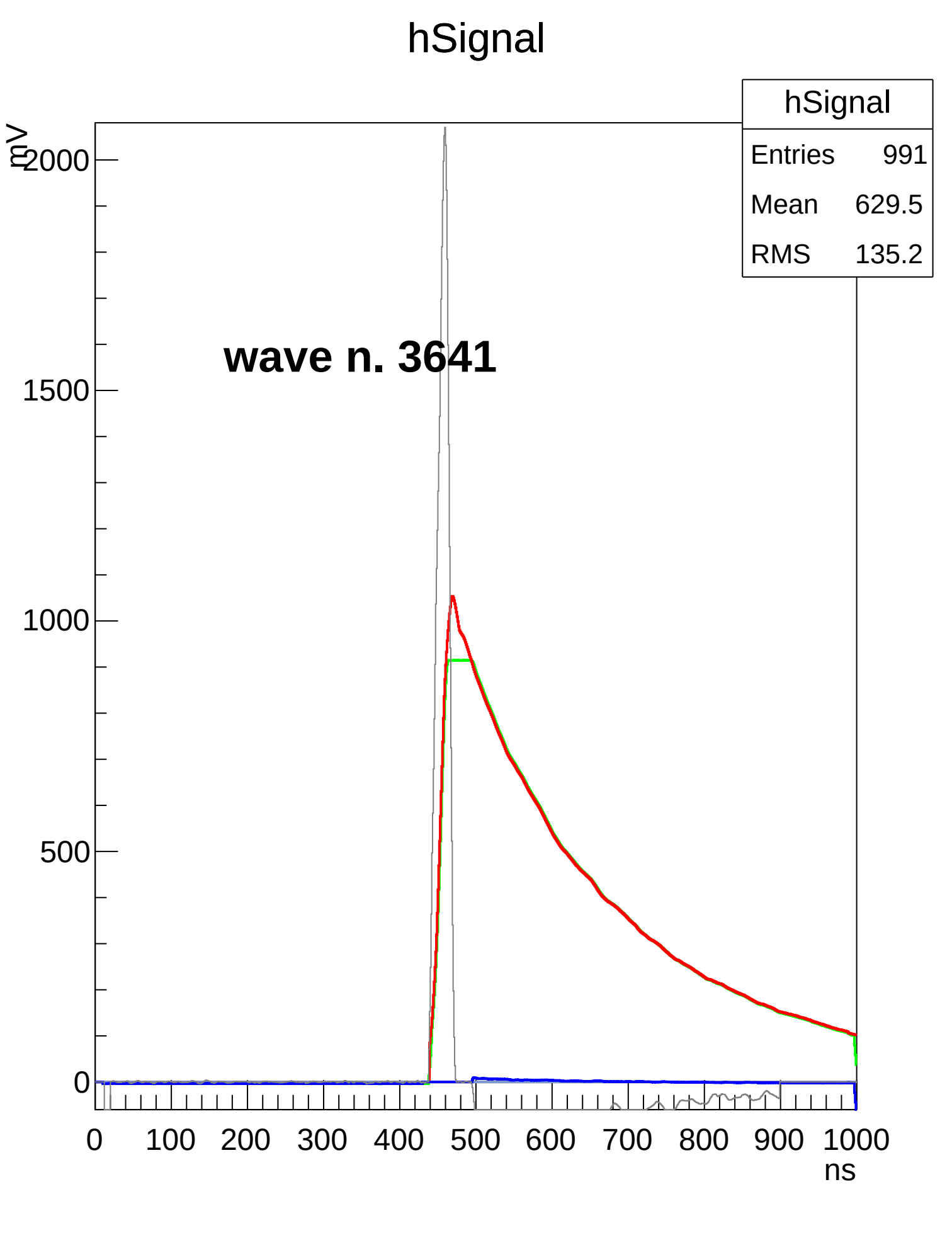
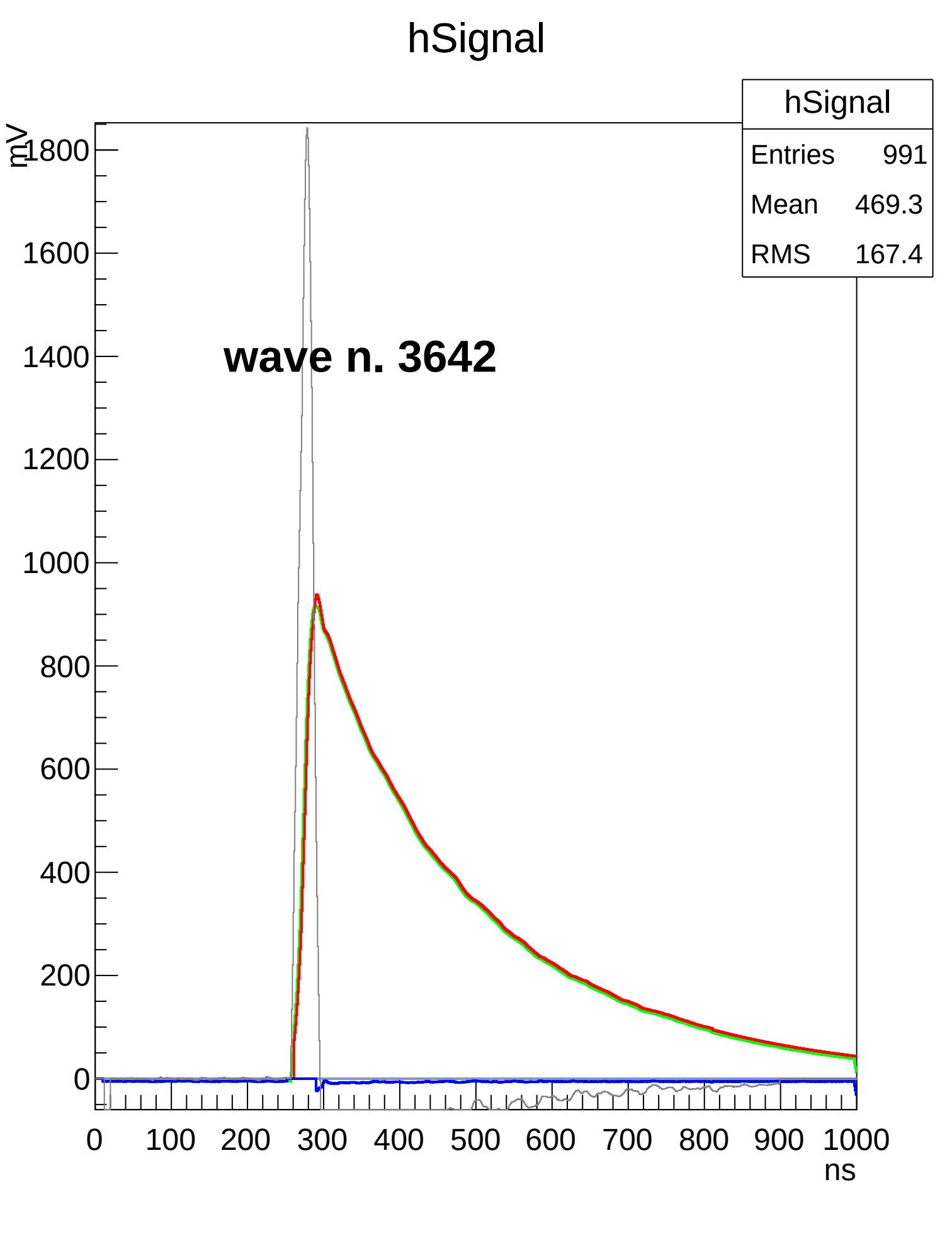
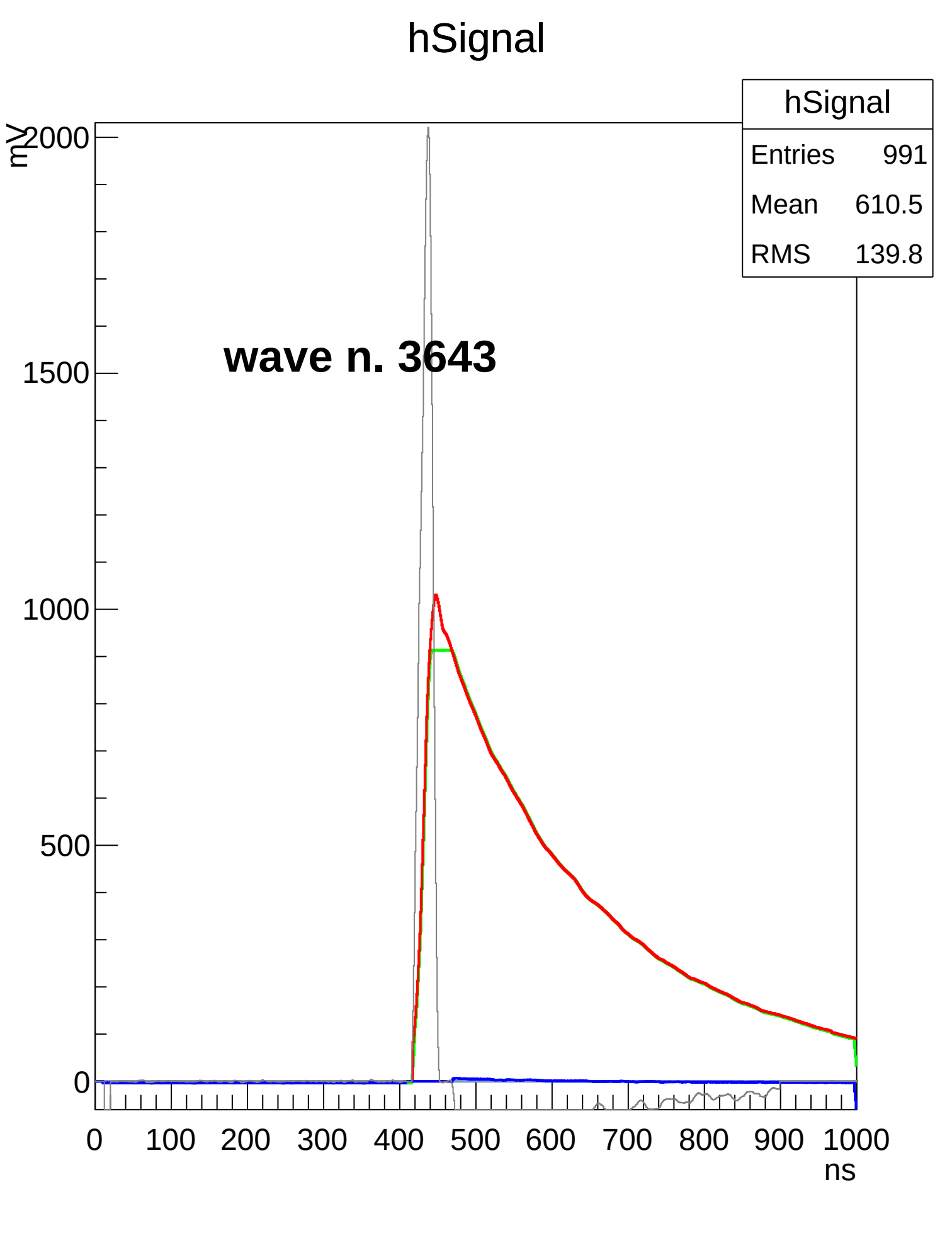
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 629.5
RMS 135.2
wave n. 3641
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 469.3
RMS 167.4
wave n. 3642
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 610.5
RMS 139.8
wave n. 3643
mV
2000
1500
1000
500
0
0
100
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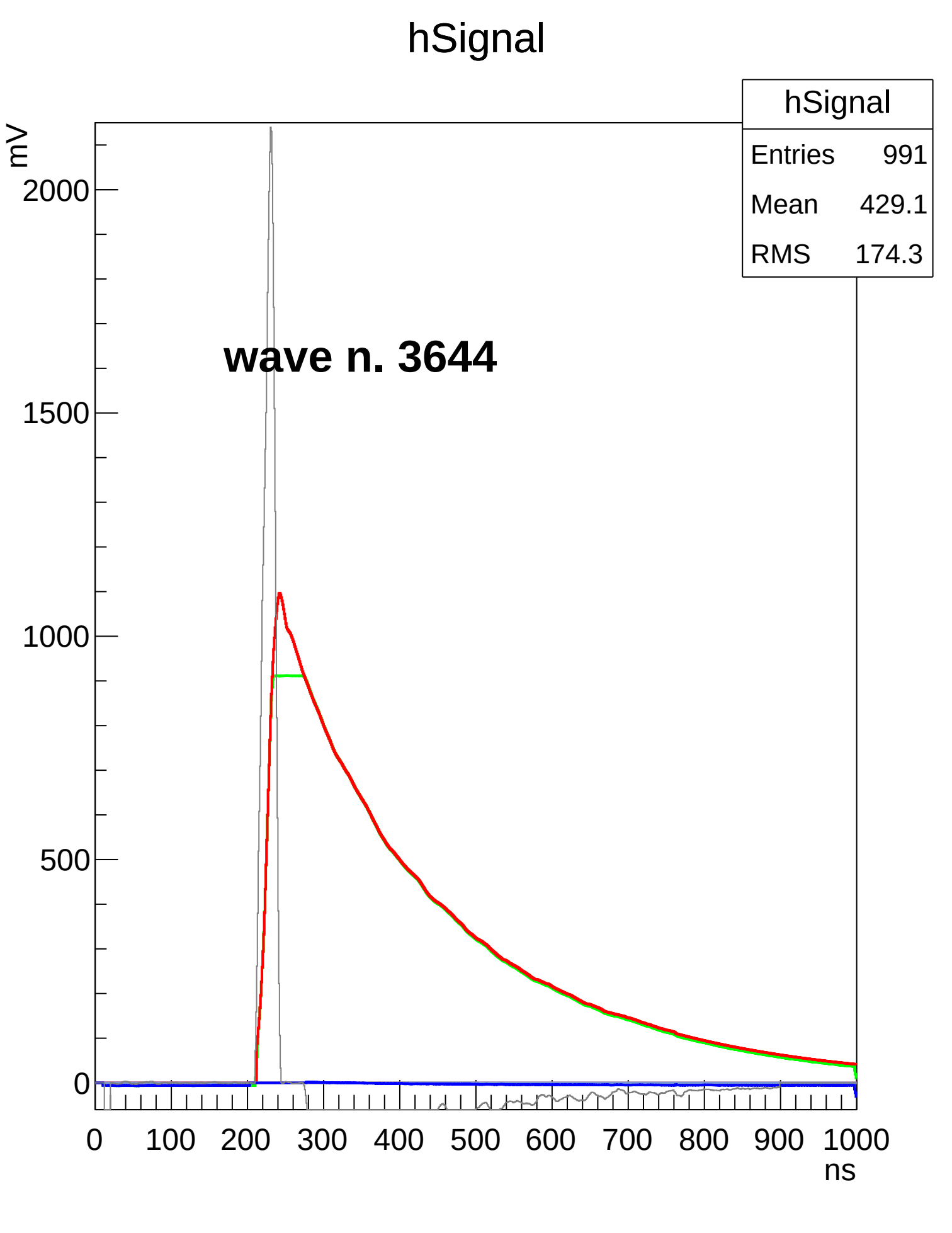
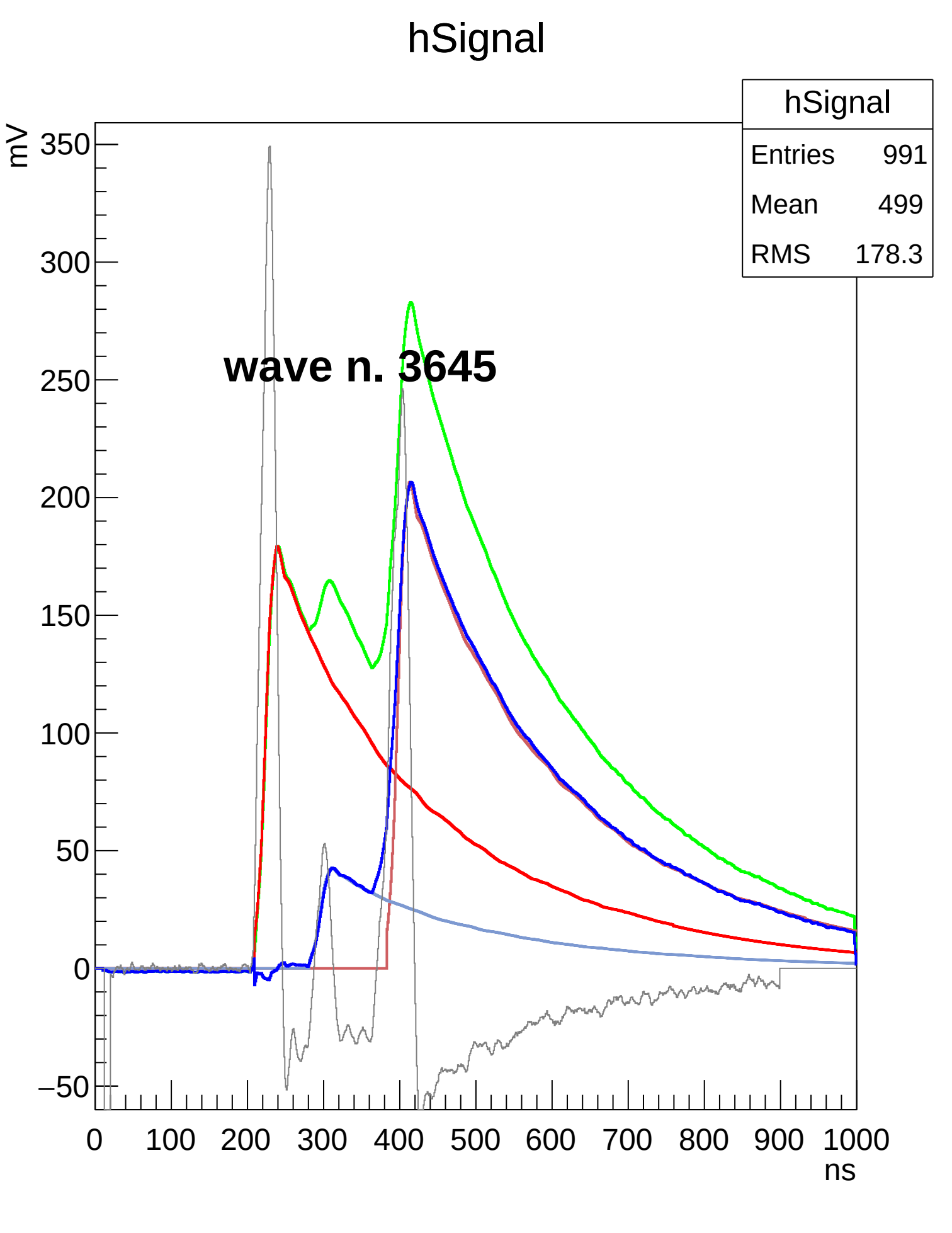
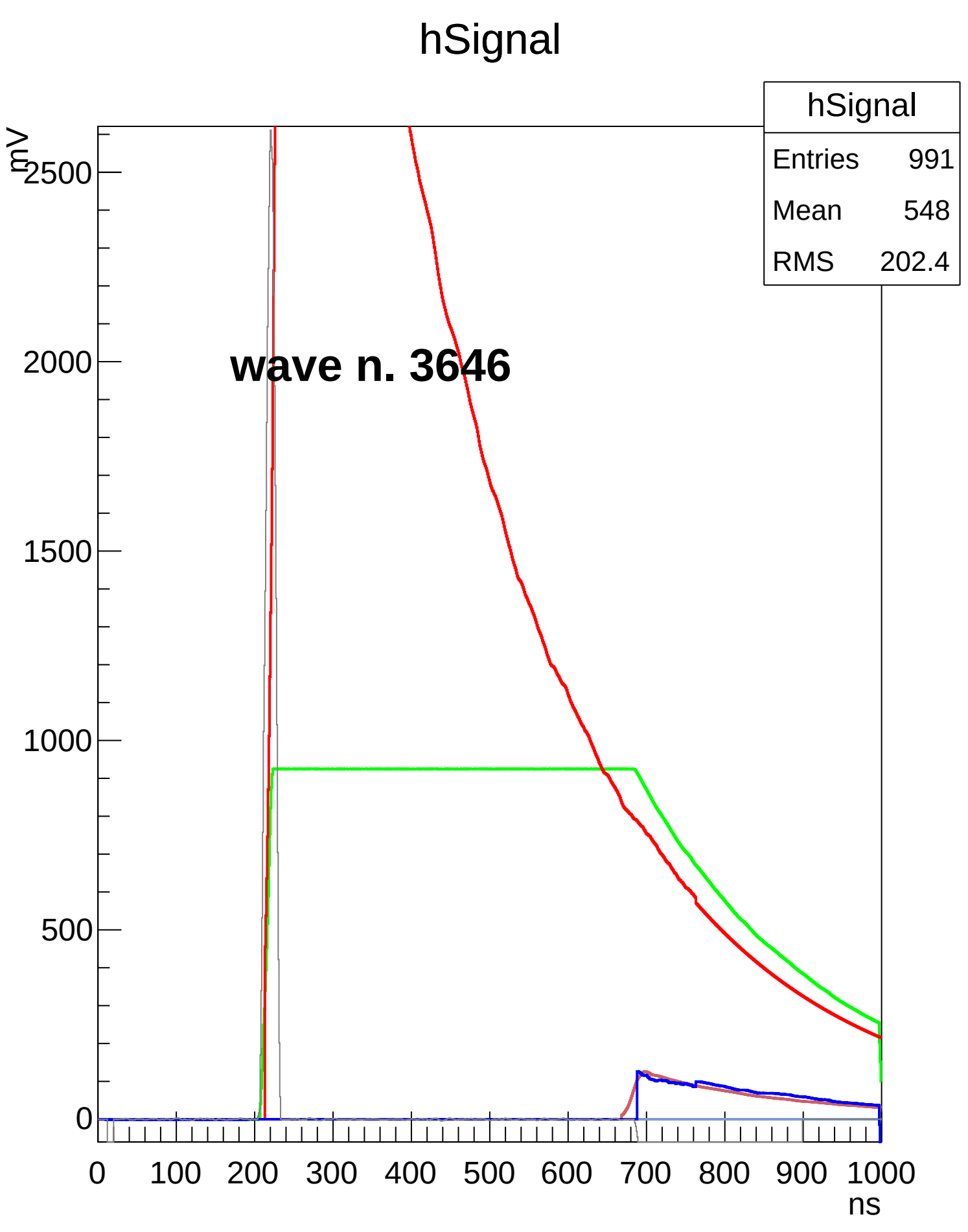
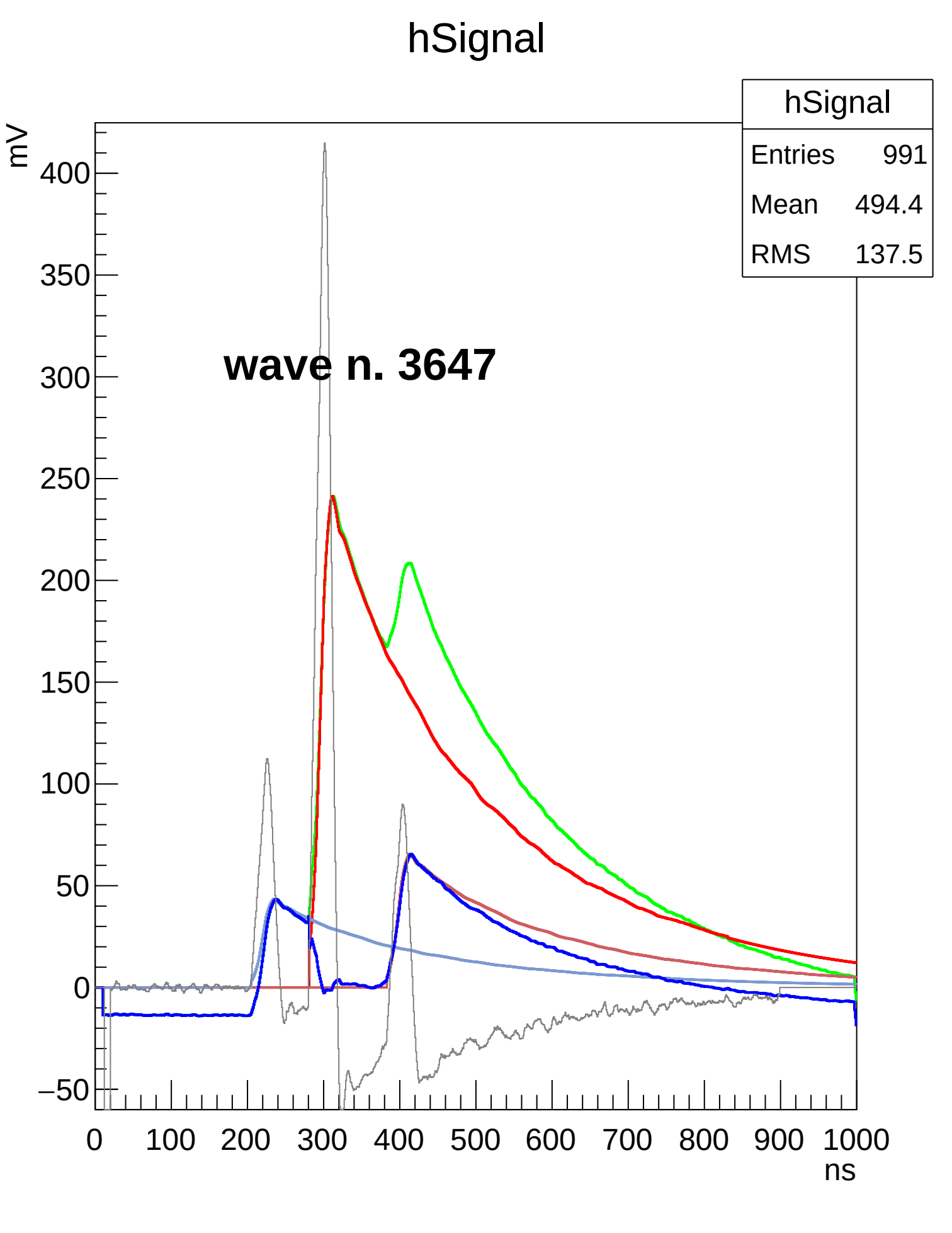
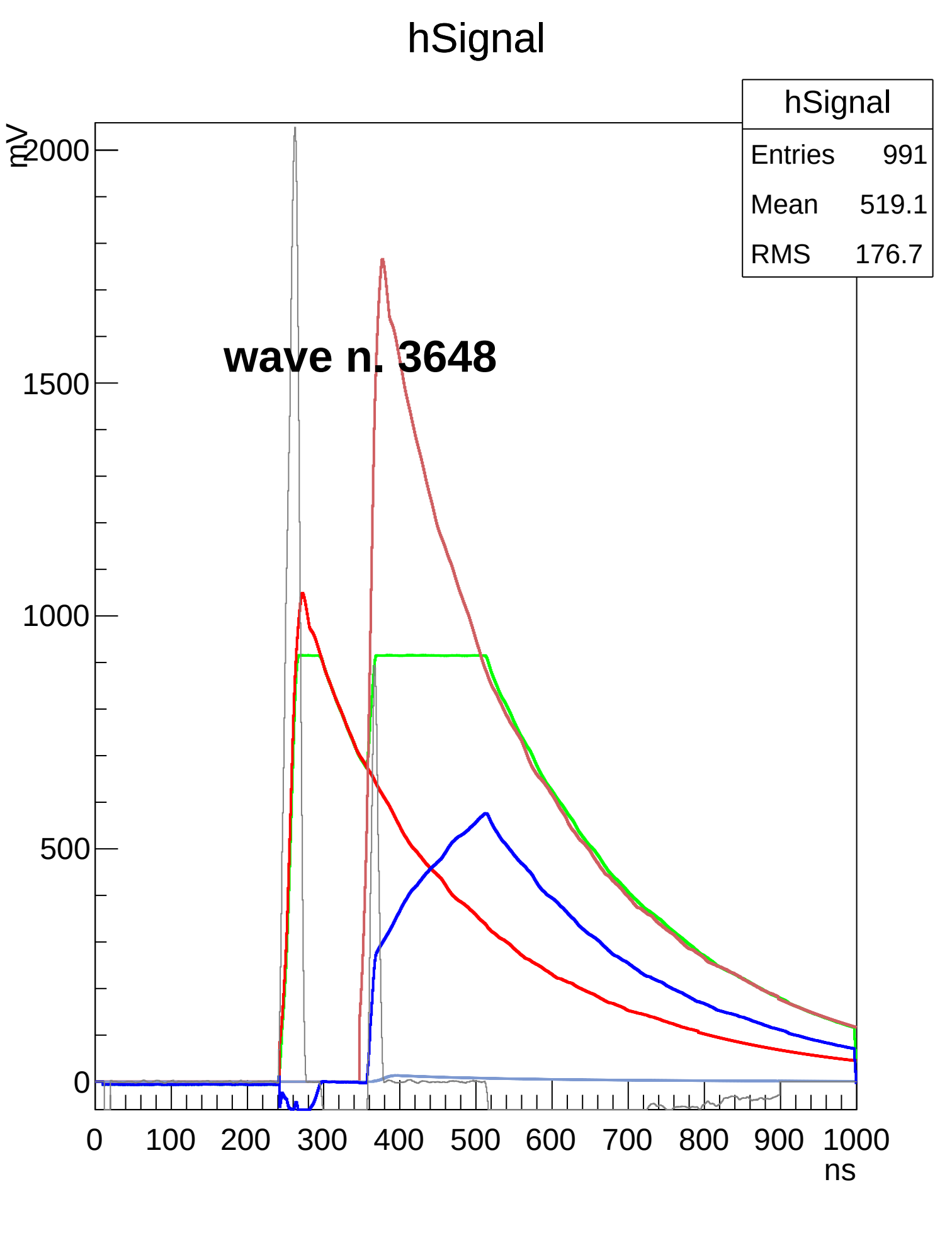
700
800
900
1000
ns

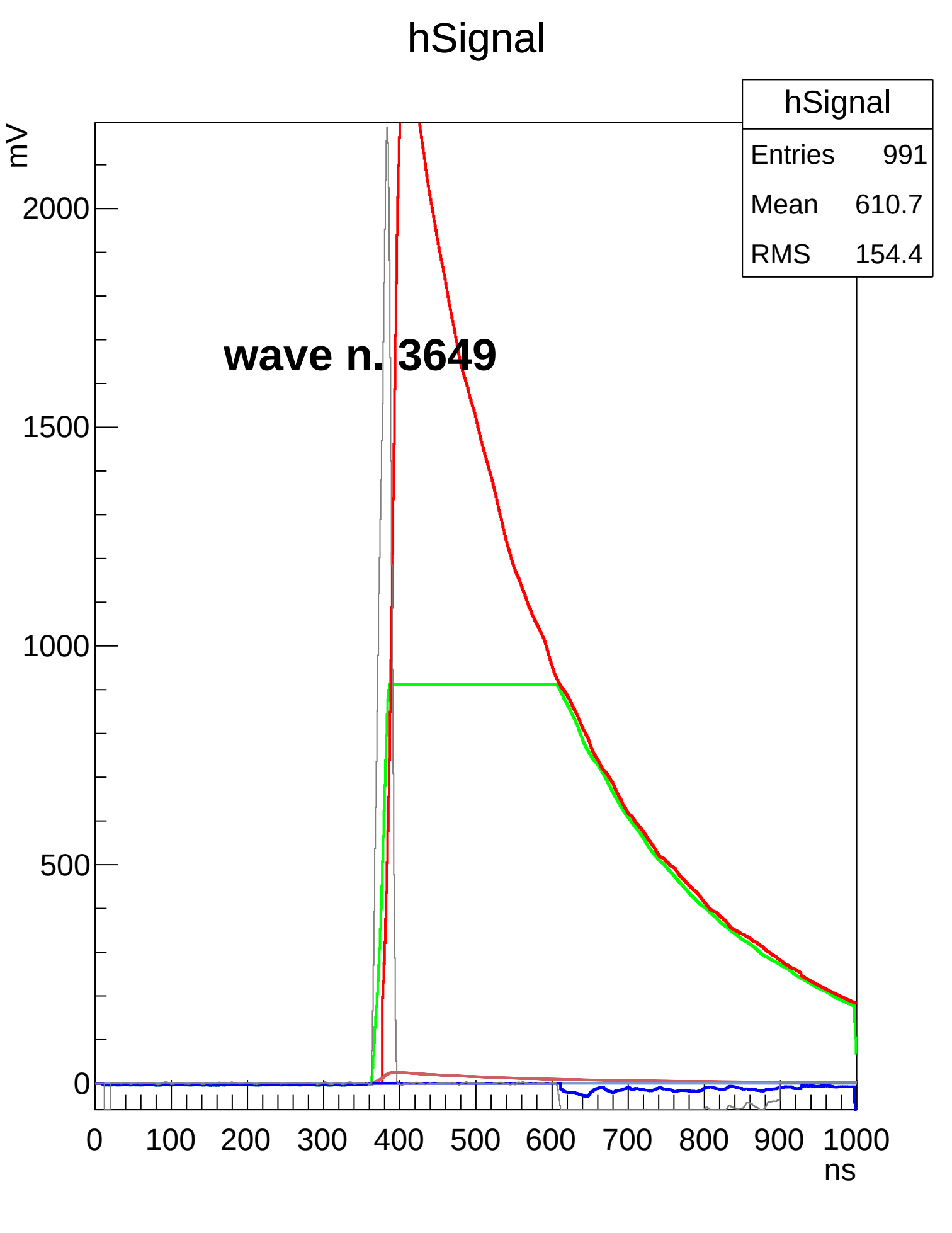

hSignal
hSignal
Entries 991
Mean 429.1
RMS 174.3
wave n. 3644
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499
RMS 178.3
wave n. 3645
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 548
RMS 202.4
wave n. 3646
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 494.4
RMS 137.5
wave n. 3647
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.1
RMS 176.7
wave n. 3648
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 610.7
RMS 154.4
wave n. 3649
mV
2000
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1000
500
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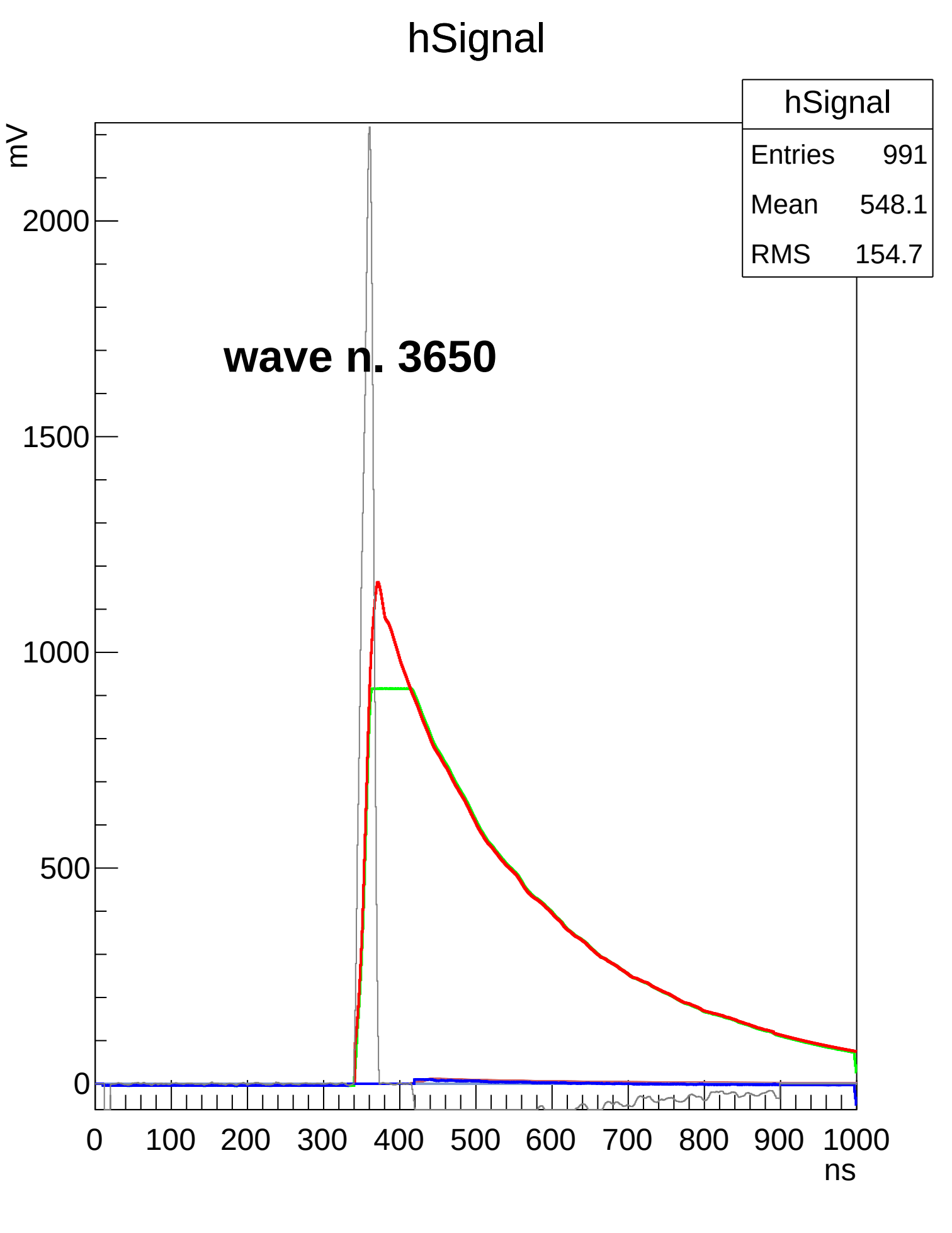
ns


hSignal
hSignal
Entries 991
Mean 548.1
RMS 154.7
wave n. 3650
mV
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1000
500
0
0
100
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400
500
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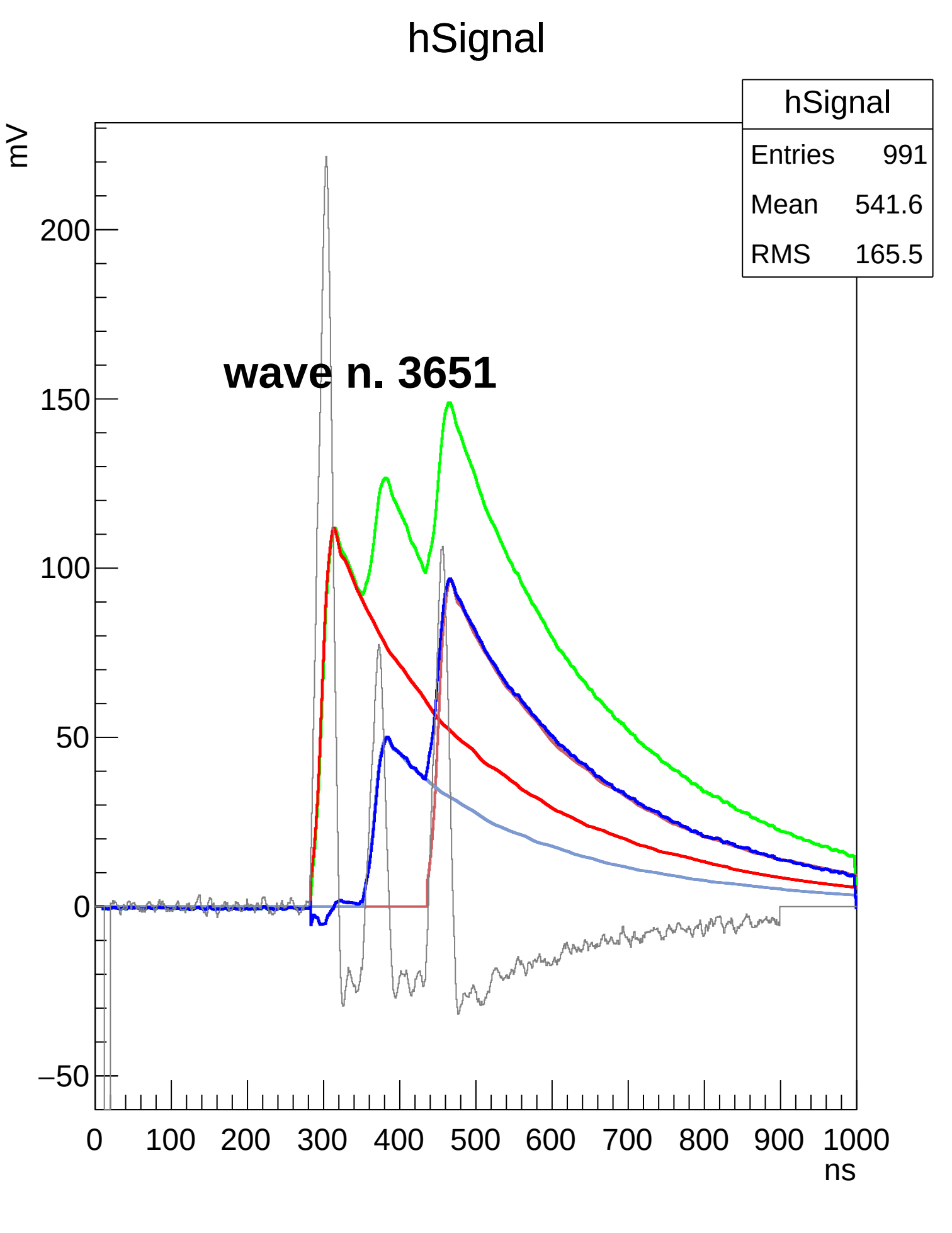
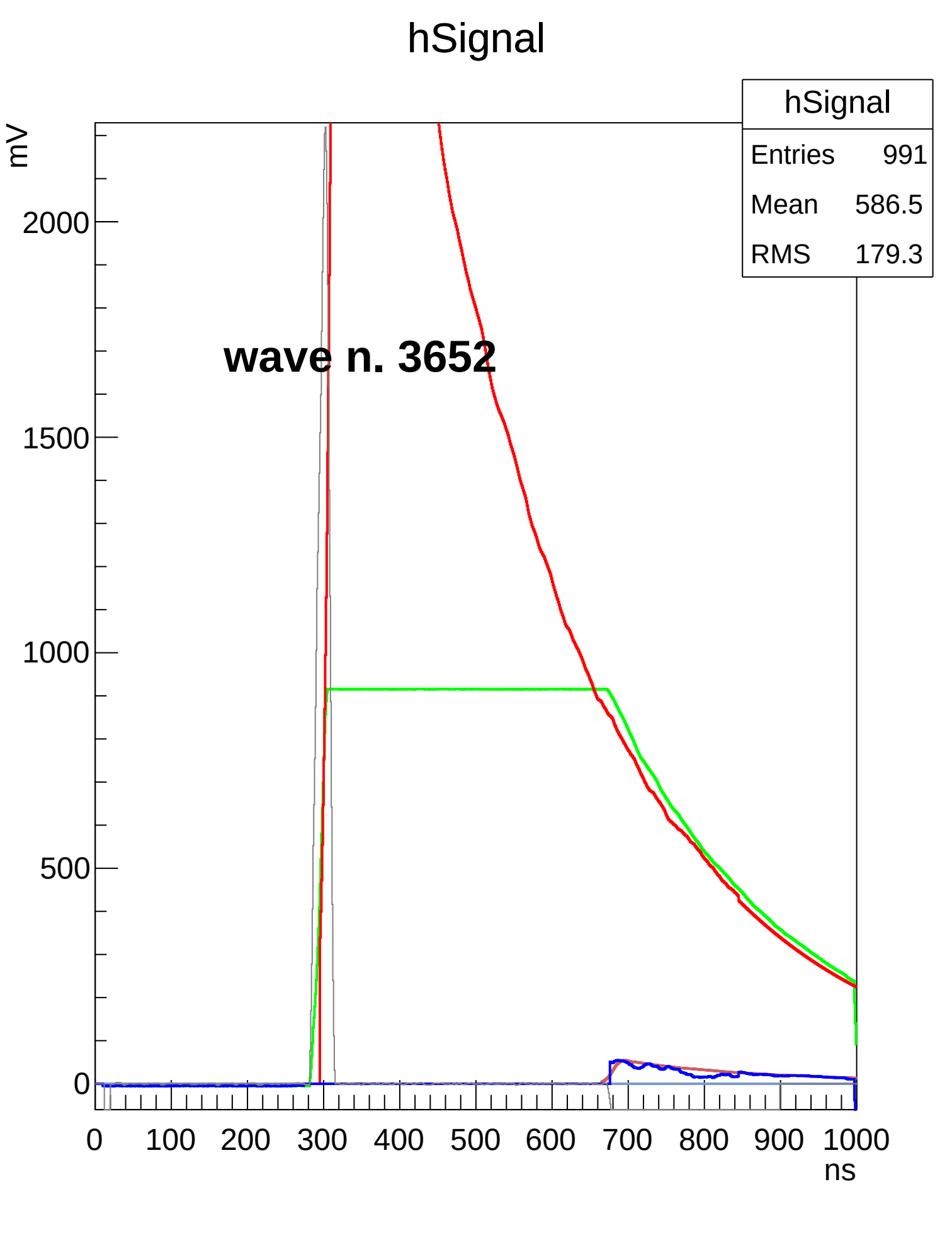
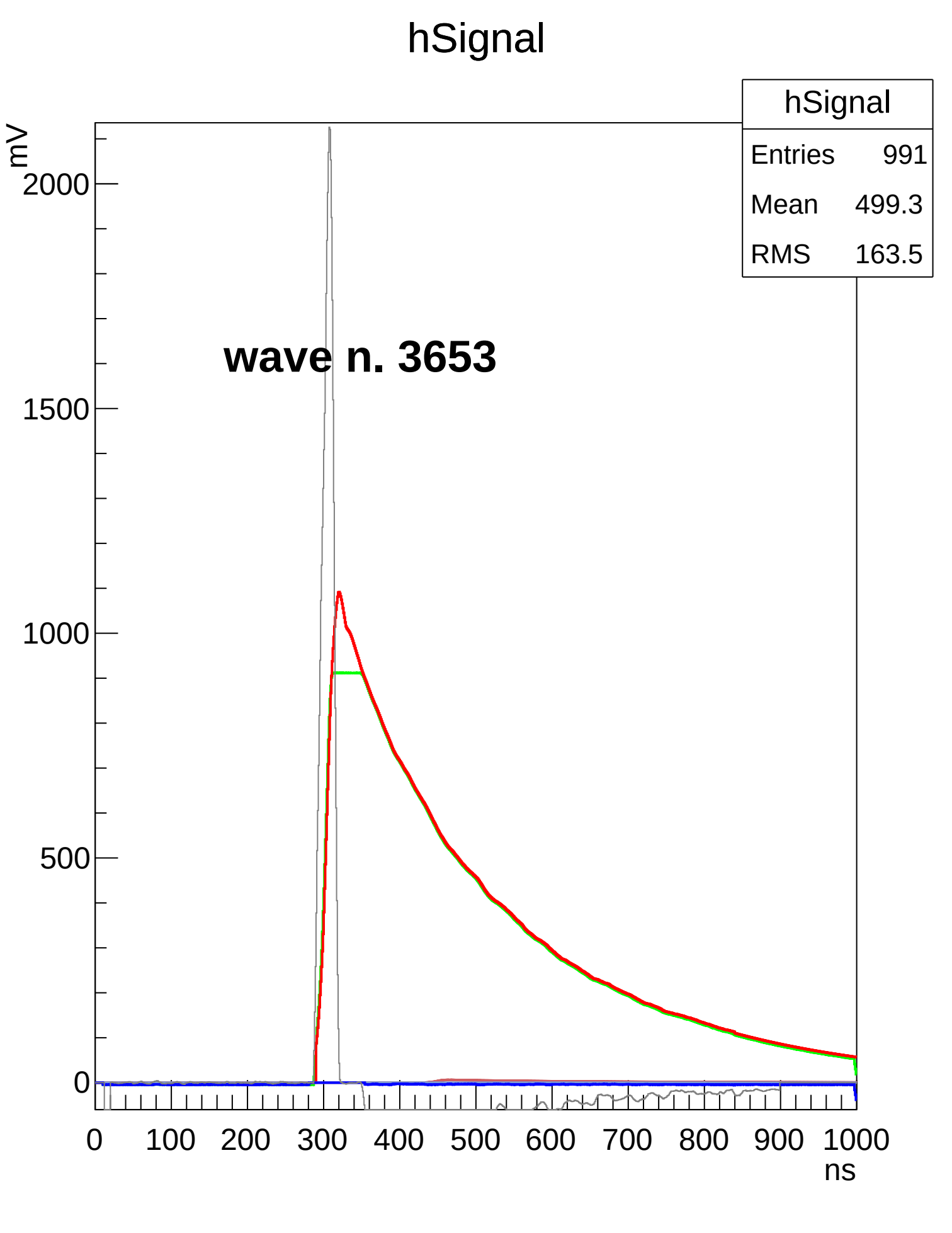
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 541.6
RMS 165.5
wave n. 3651
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586.5
RMS 179.3
wave n. 3652
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.3
RMS 163.5
wave n. 3653
mV
2000
1500
1000
500
0
0
100
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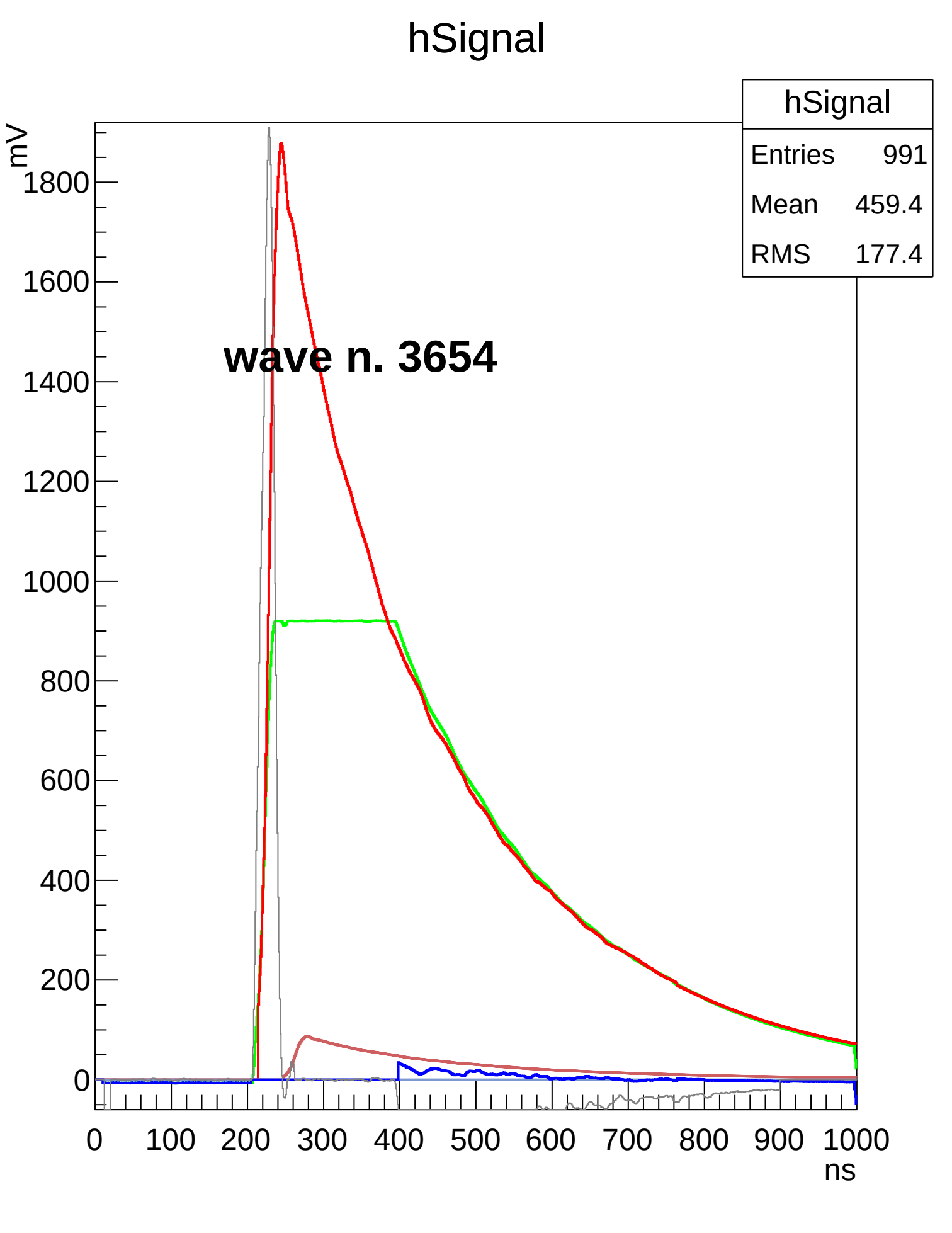
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 459.4
RMS 177.4
wave n. 3654
mV
1800
1600
1400
1200
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600
400
200
0
0
100
200
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400
500
600
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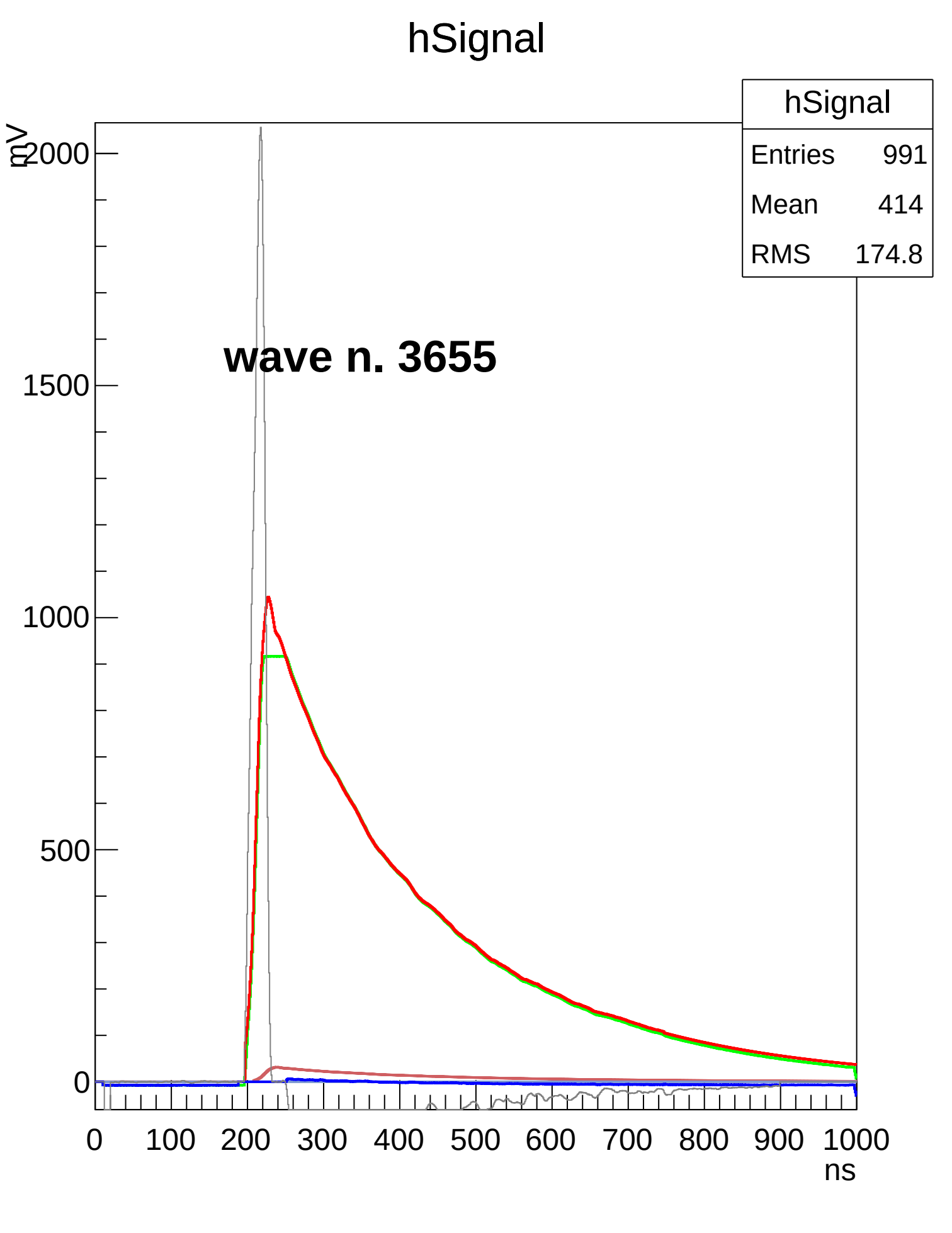
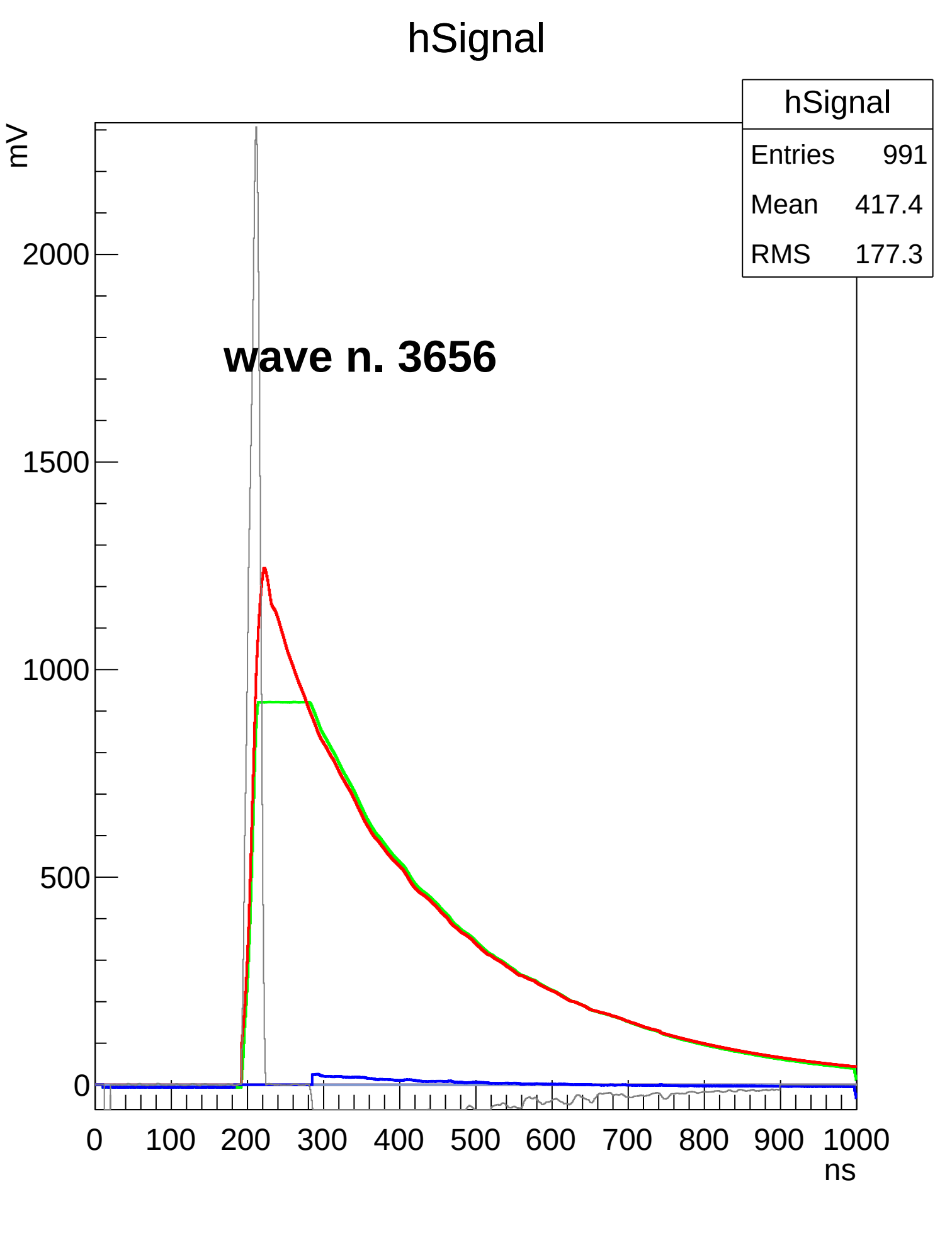
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 414
RMS 174.8
wave n. 3655
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 417.4
RMS 177.3
wave n. 3656
mV
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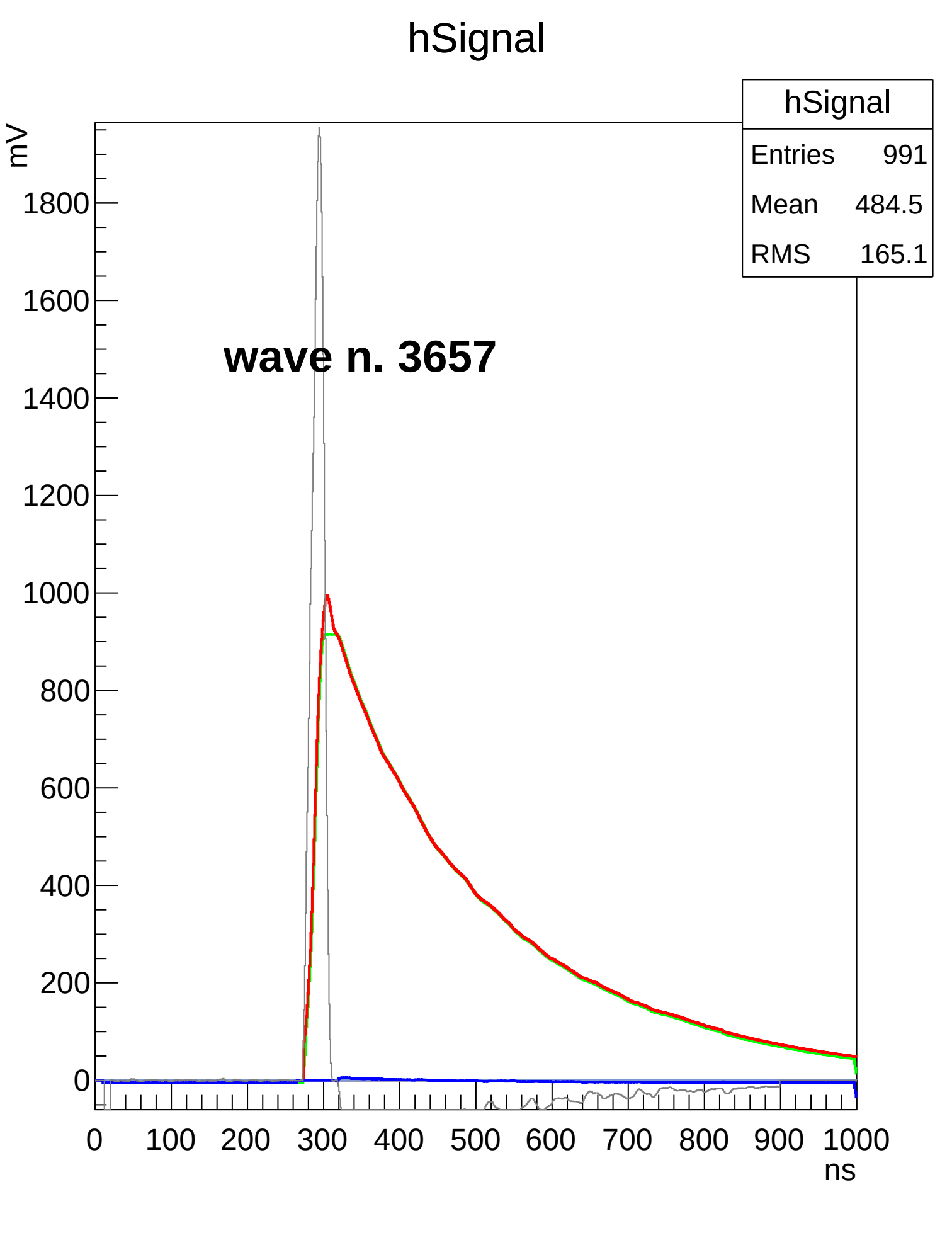
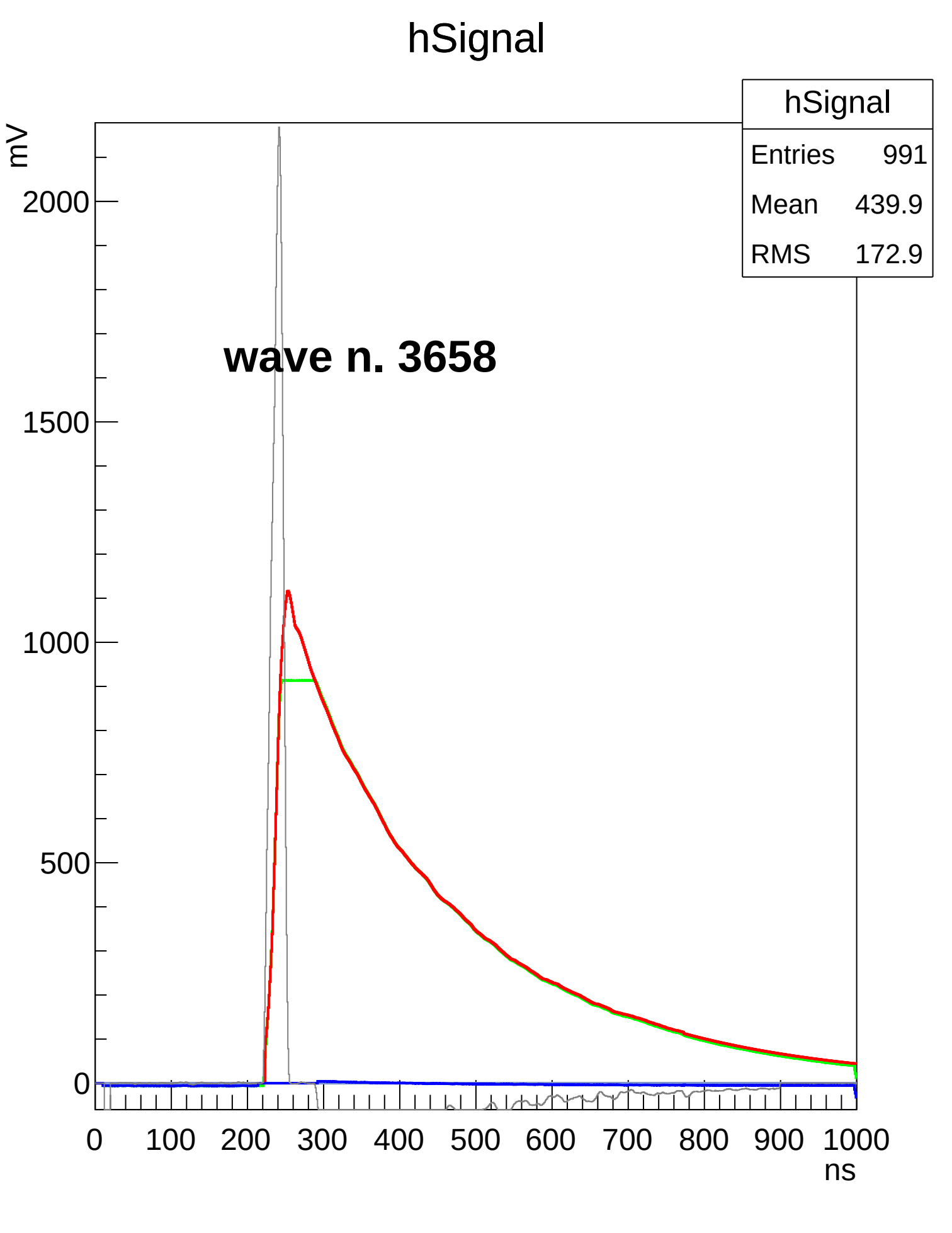
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 484.5
RMS 165.1
wave n. 3657
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 439.9
RMS 172.9
wave n. 3658
mV
2000
1500
1000
500
0
0
100
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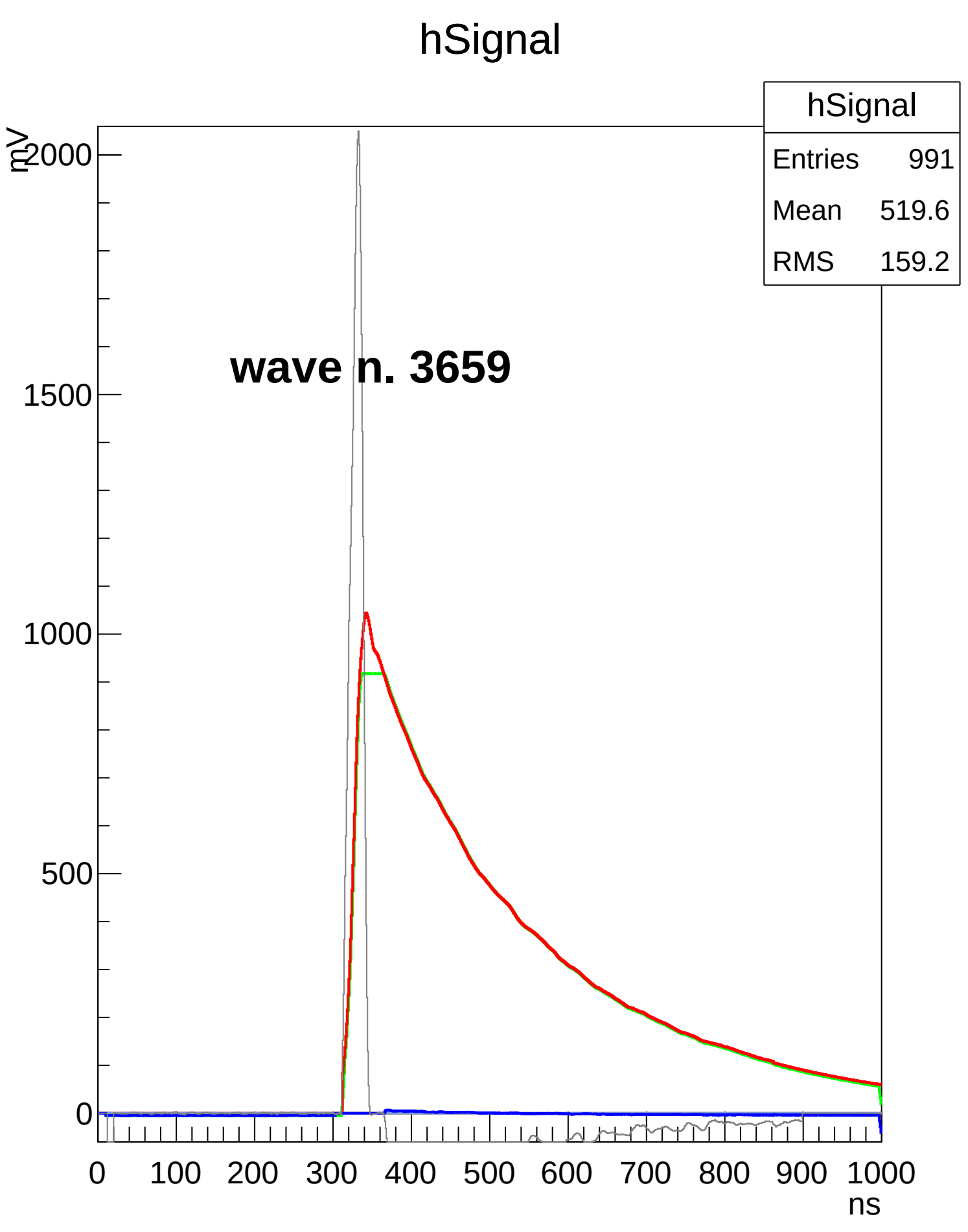
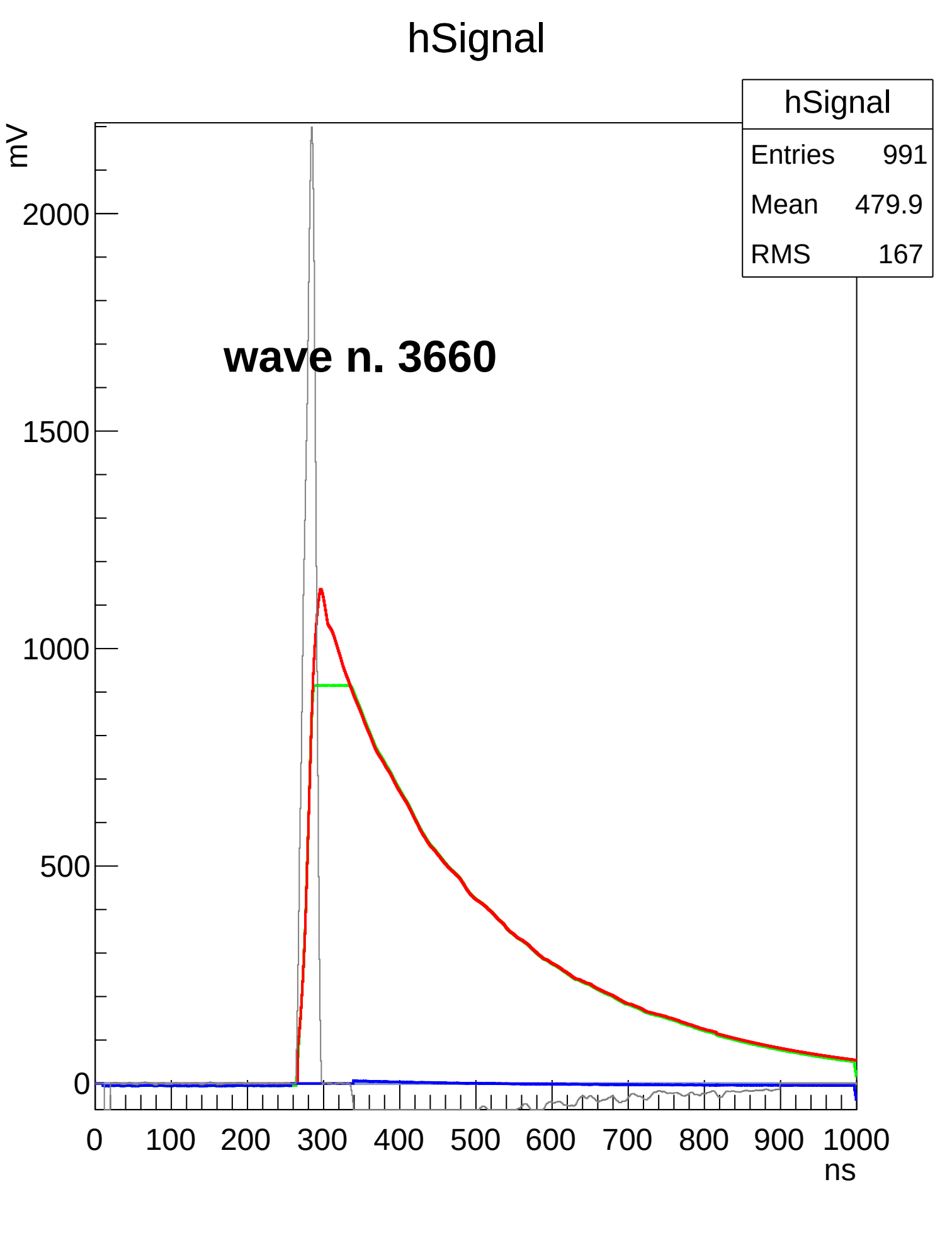
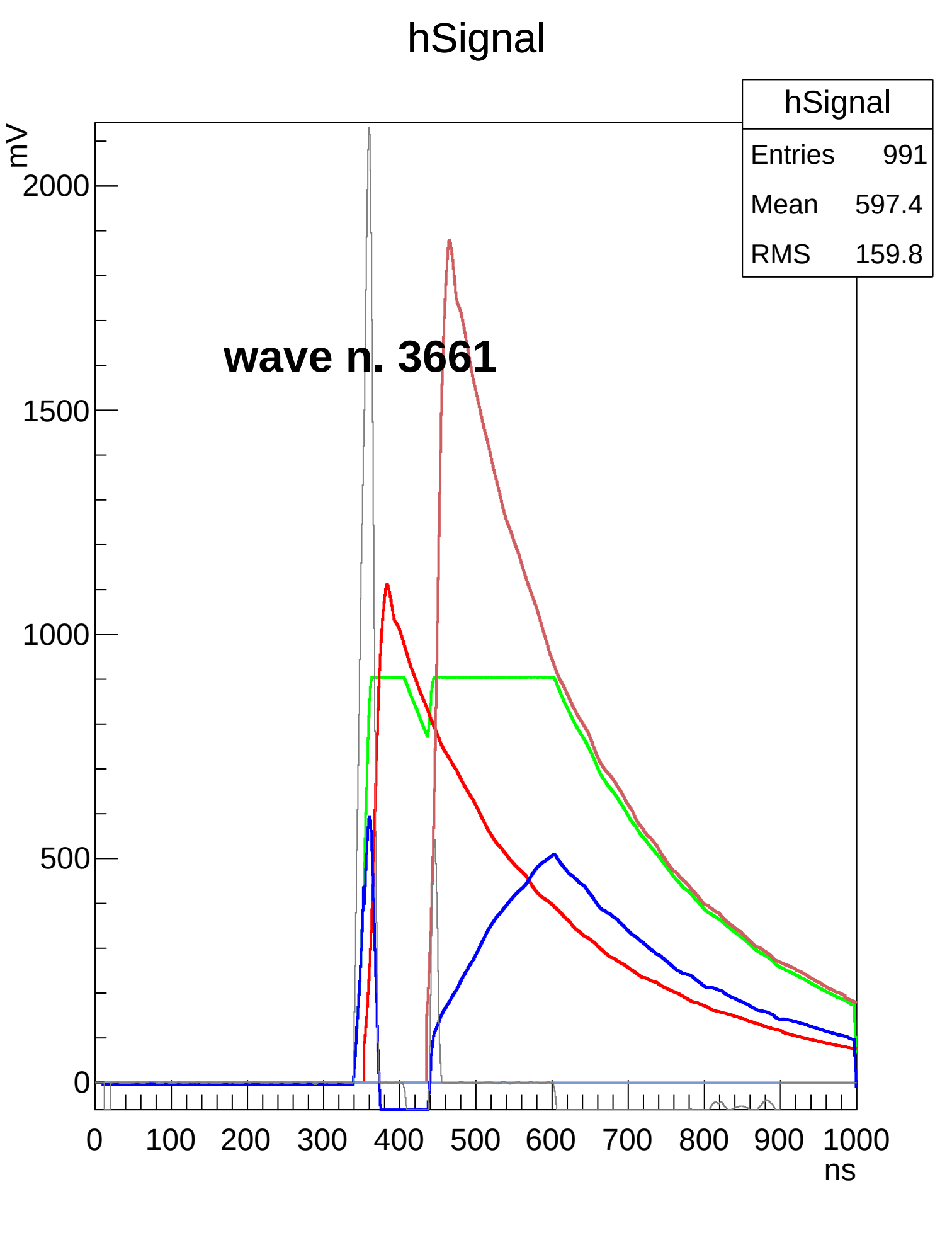
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.6
RMS 159.2
wave n. 3659
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 479.9
RMS 167
wave n. 3660
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 597.4
RMS 159.8
wave n. 3661
mV
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1500
1000
500
0
0
100
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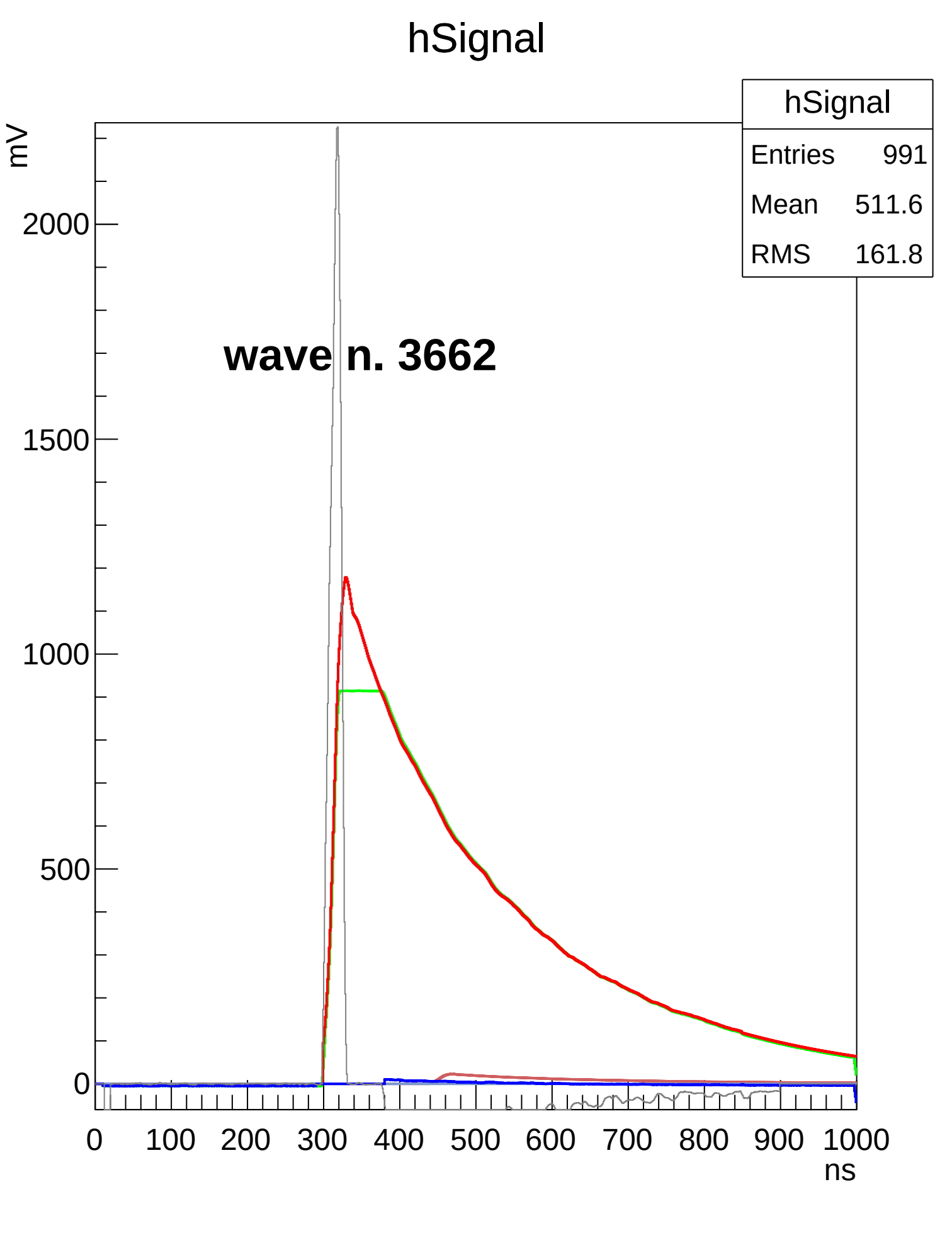
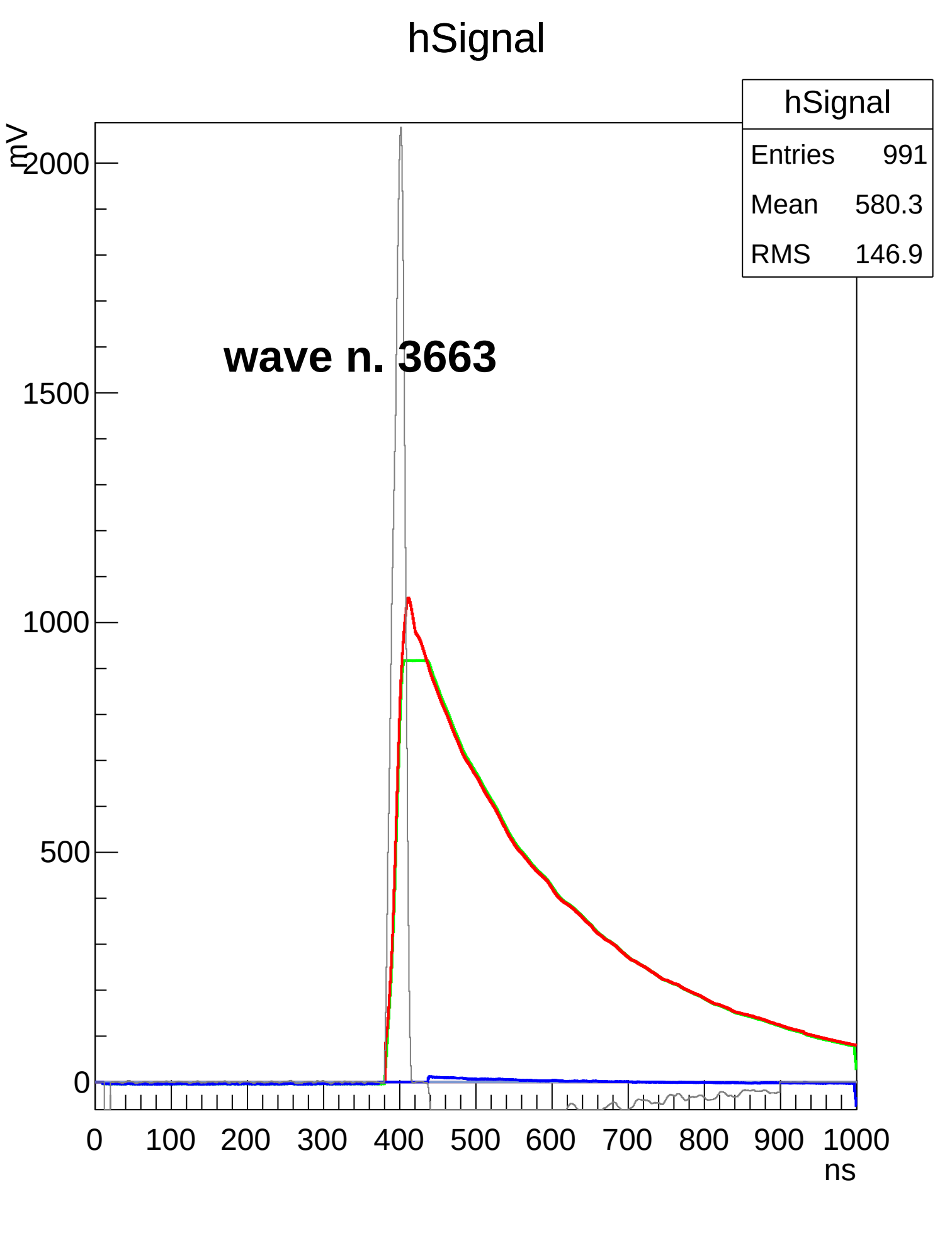
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 511.6
RMS 161.8
wave n. 3662
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580.3
RMS 146.9
wave n. 3663
mV
2000
1500
1000
500
0
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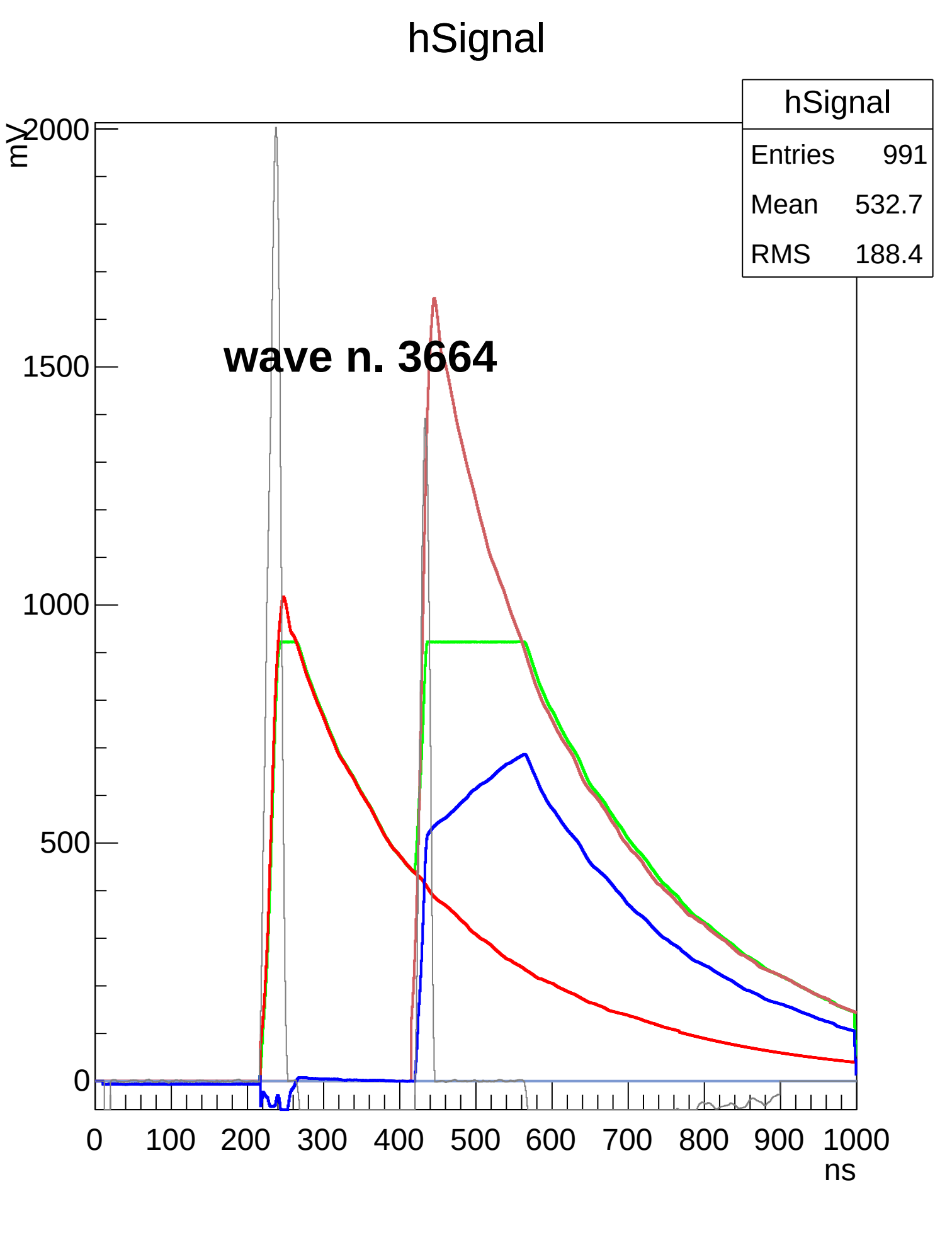
ns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hSignal
Entries 991
Mean 532.7
RMS 188.4
wave n. 3664
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400
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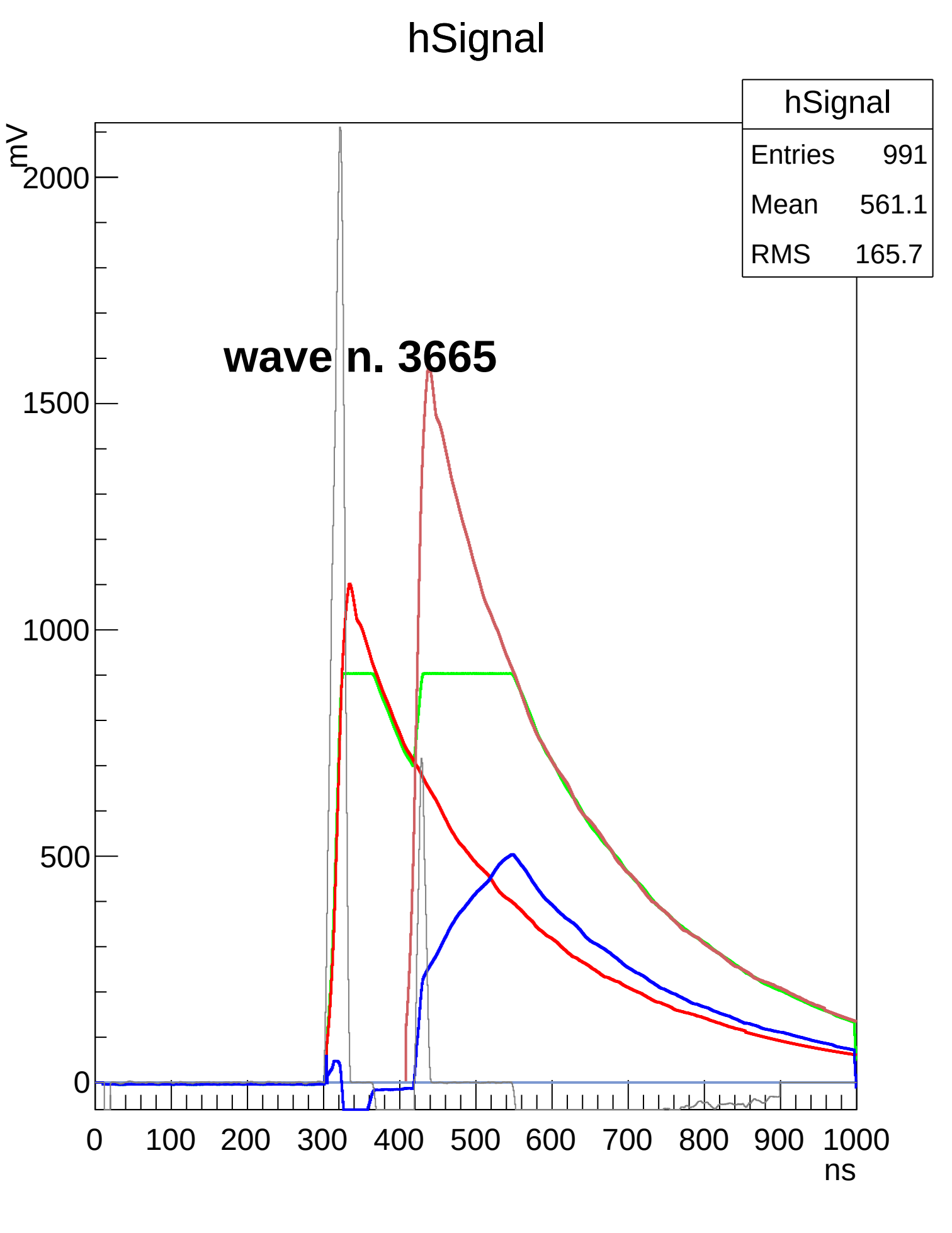
1000
ns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hSignal
Entries 991
Mean 561.1
RMS 165.7
wave n. 3665
mV
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0
0
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400
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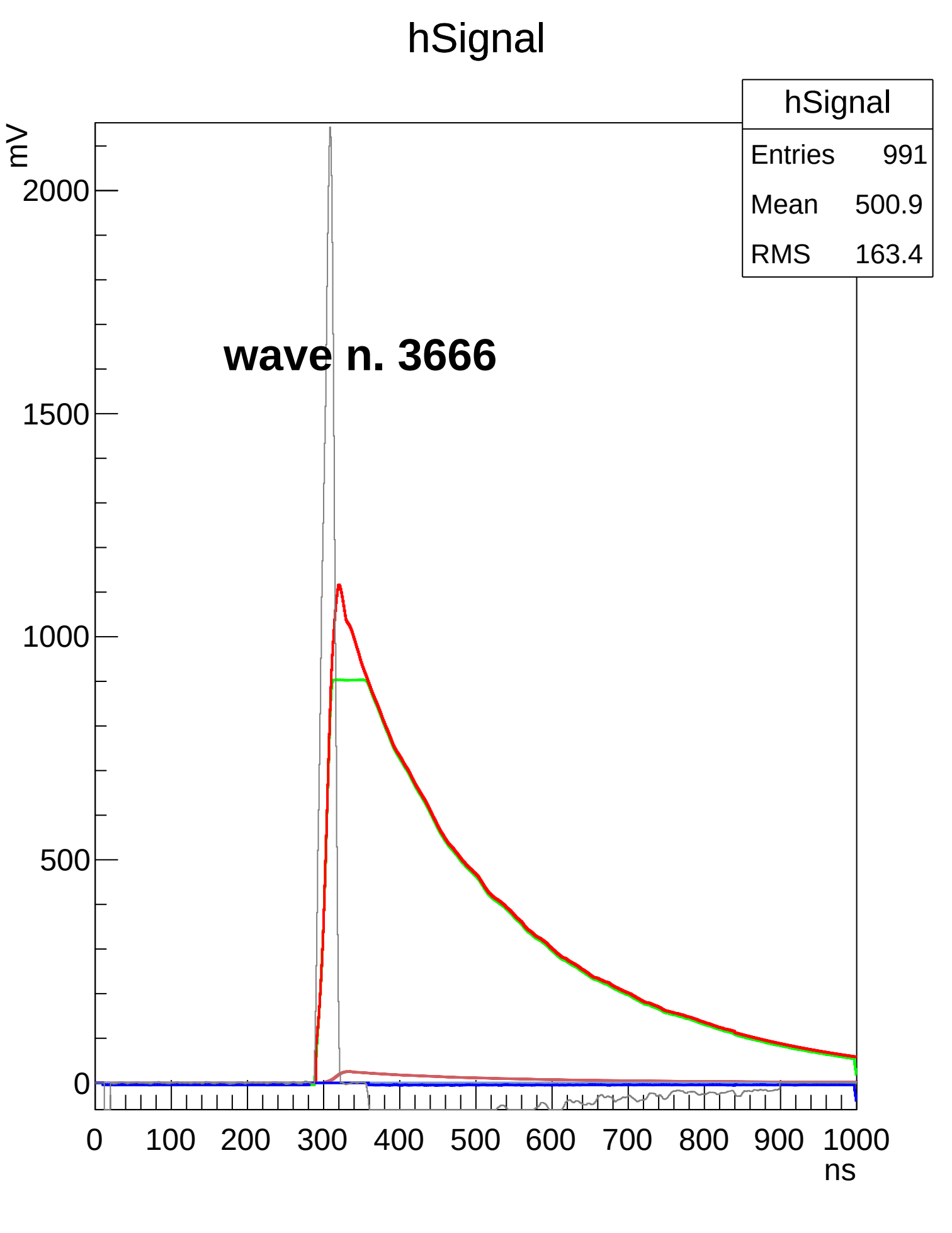
800
900
1000
ns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hSignal
Entries 991
Mean 500.9
RMS 163.4
wave n. 3666
mV
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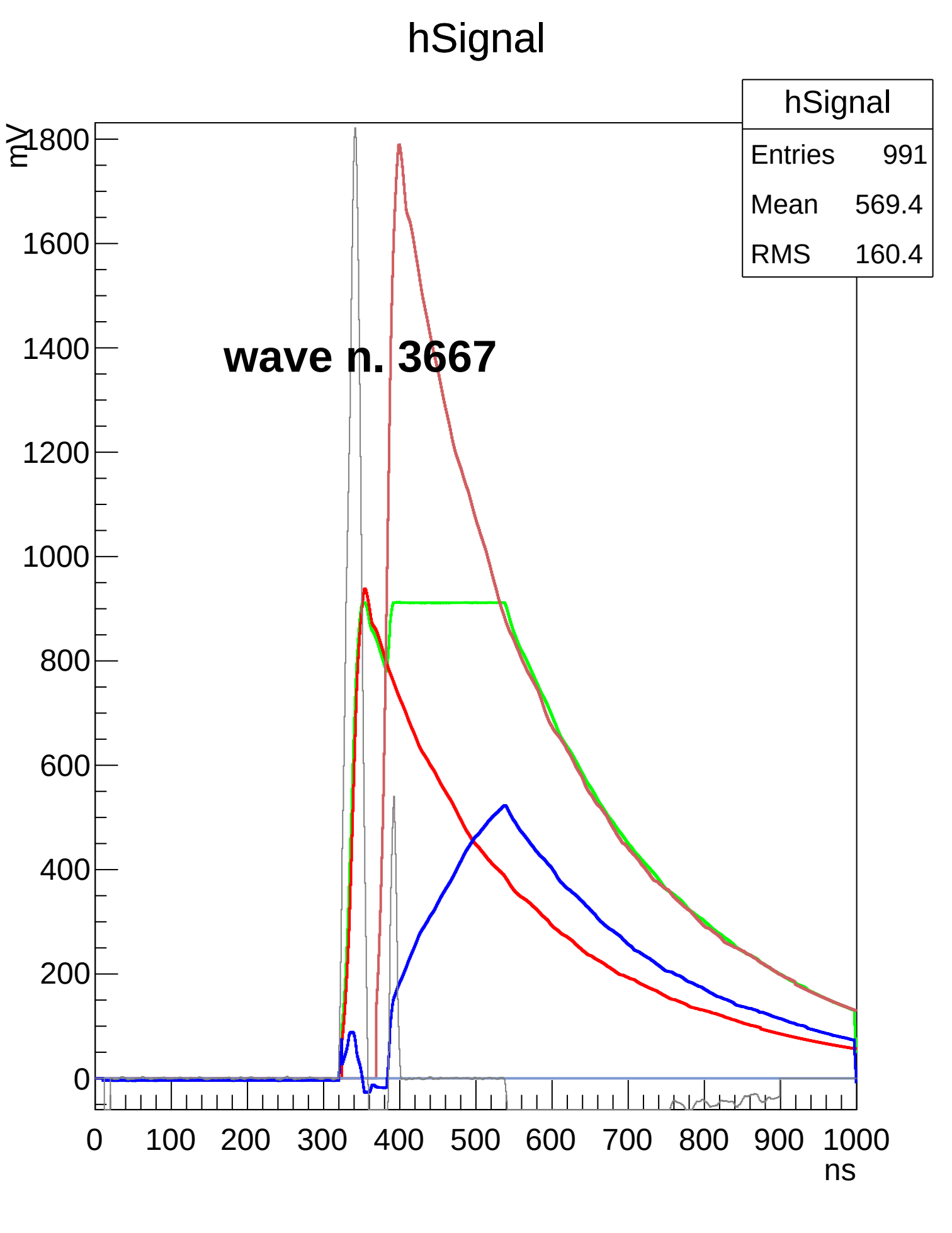
1000
ns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hSignal
Entries 991
Mean 569.4
RMS 160.4
wave n. 3667
mV
1800
1600
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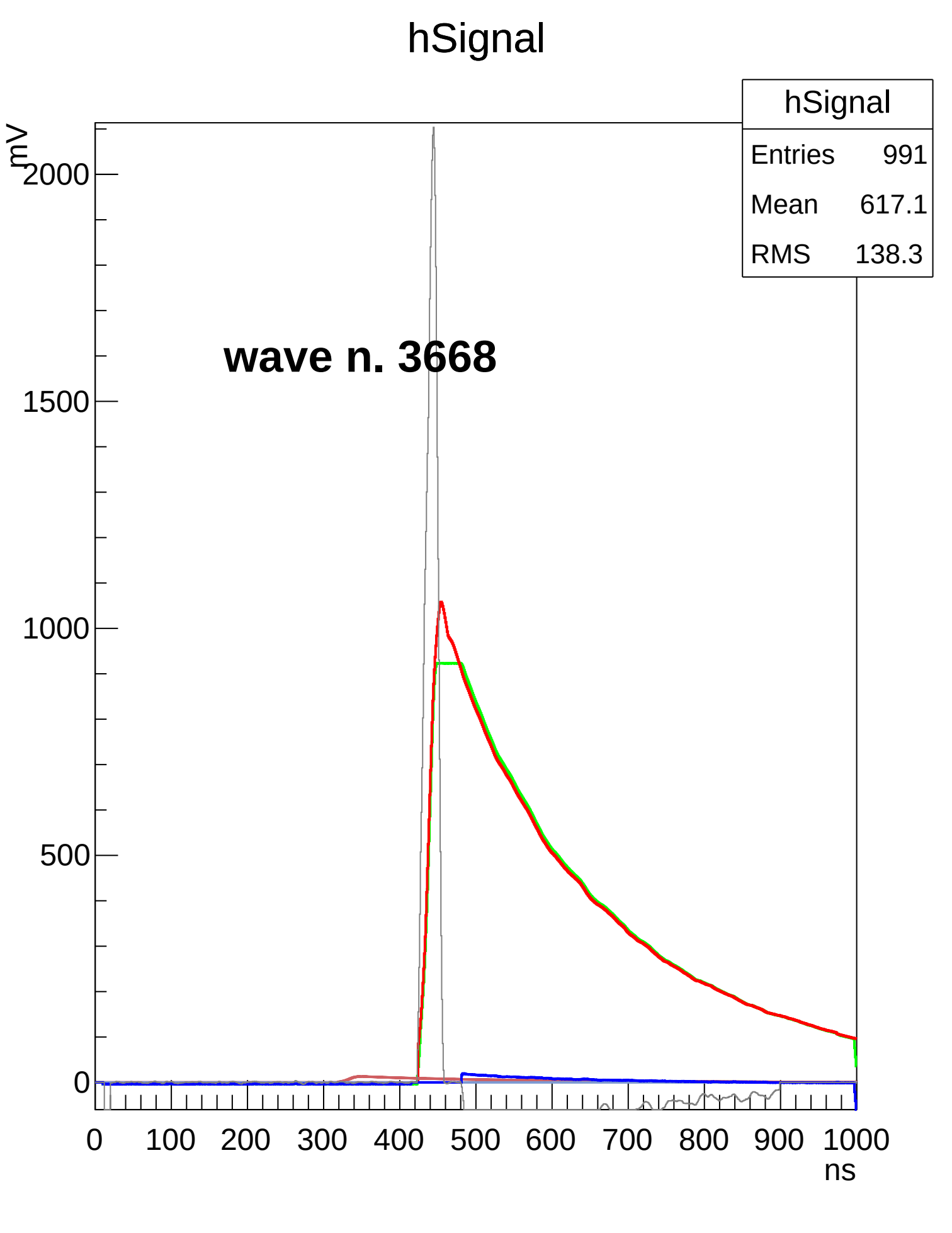
900
1000
ns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hSignal
Entries 991
Mean 617.1
RMS 138.3
wave n. 3668
mV
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1000
500
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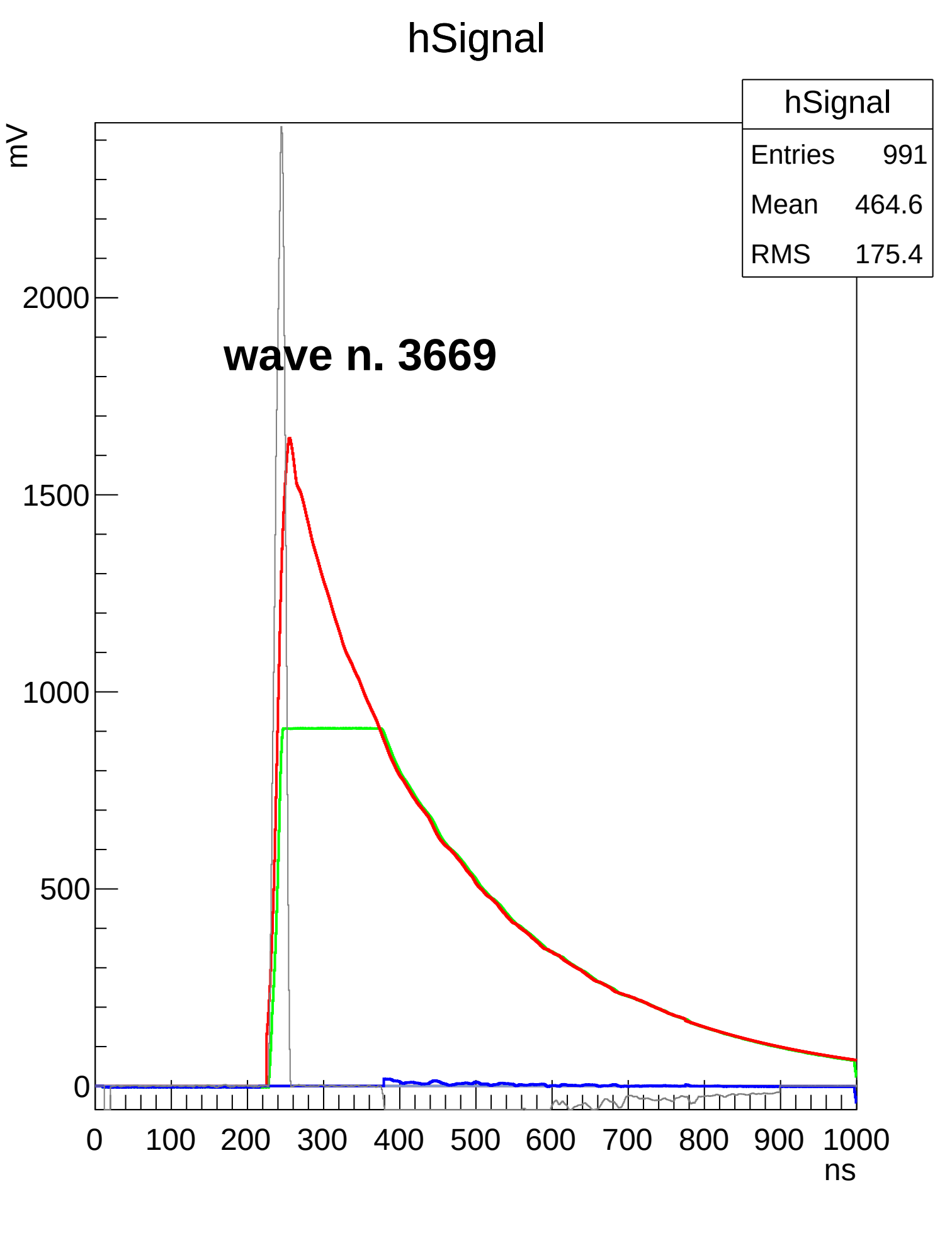
ns


hSignal
hSignal
Entries 991
Mean 464.6
RMS 175.4
wave n. 3669
mV
2000
1500
1000
500
0
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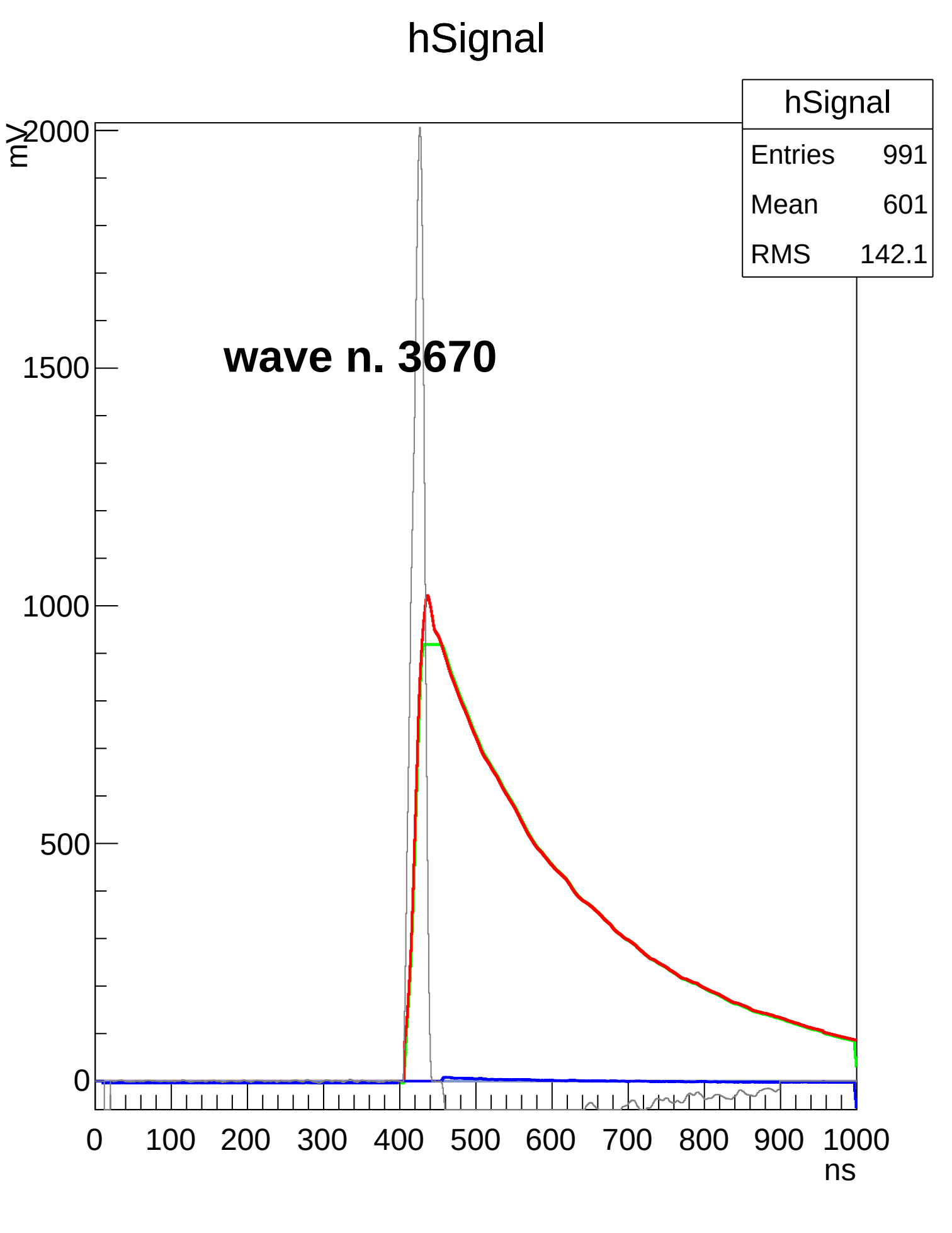
ns


hSignal
hSignal
Entries 991
Mean 601
RMS 142.1
wave n. 3670
mV
2000
1500
1000
500
0
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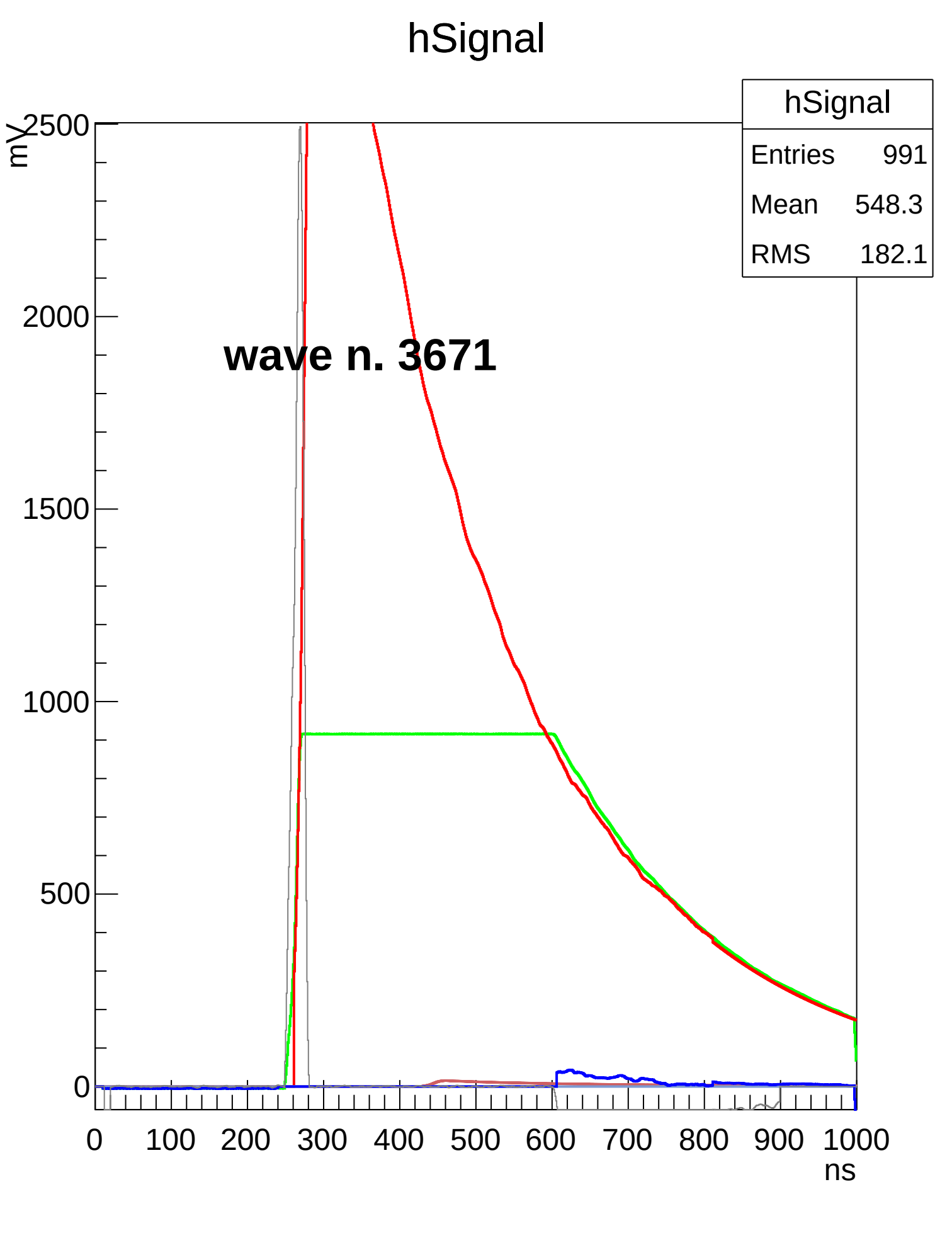
ns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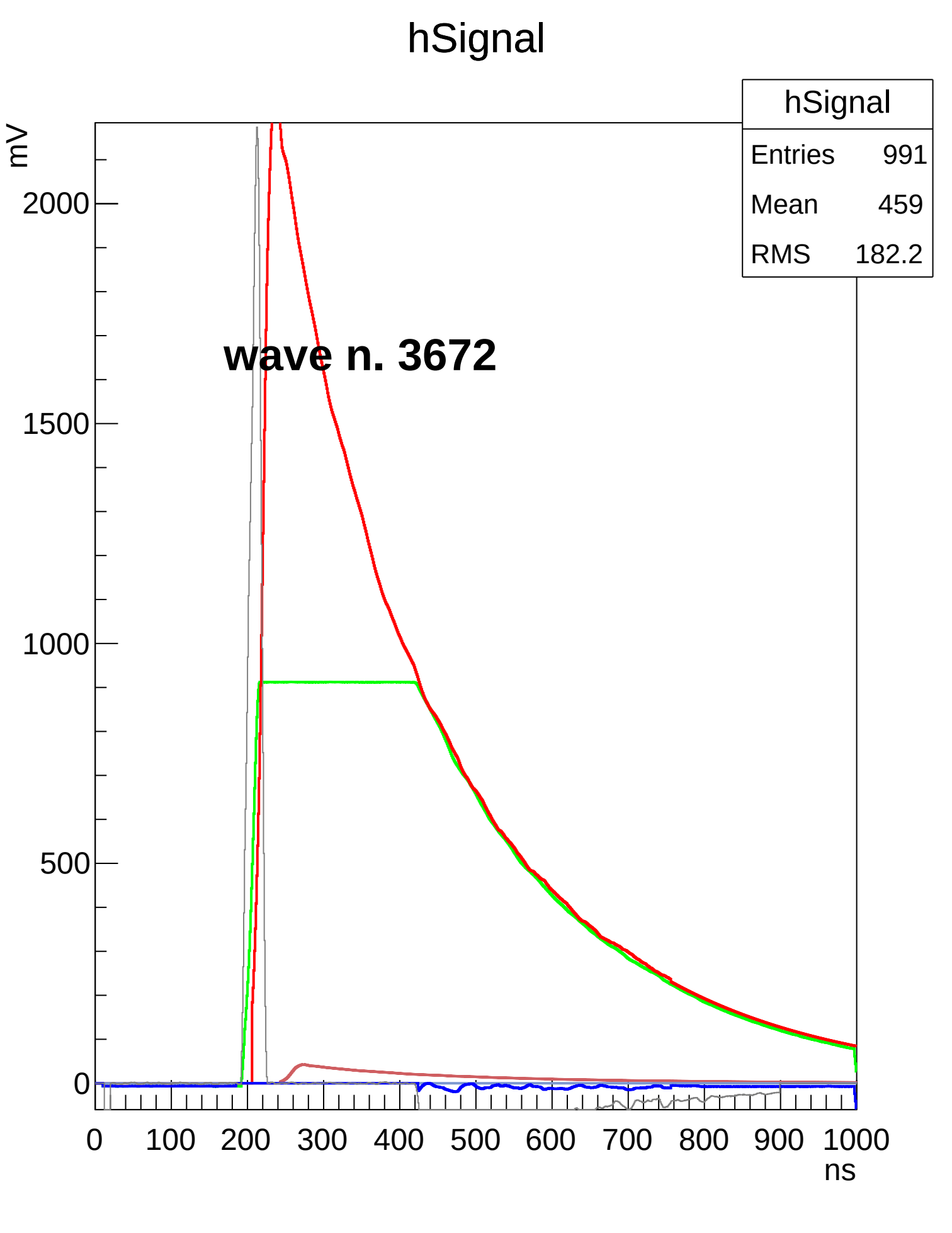
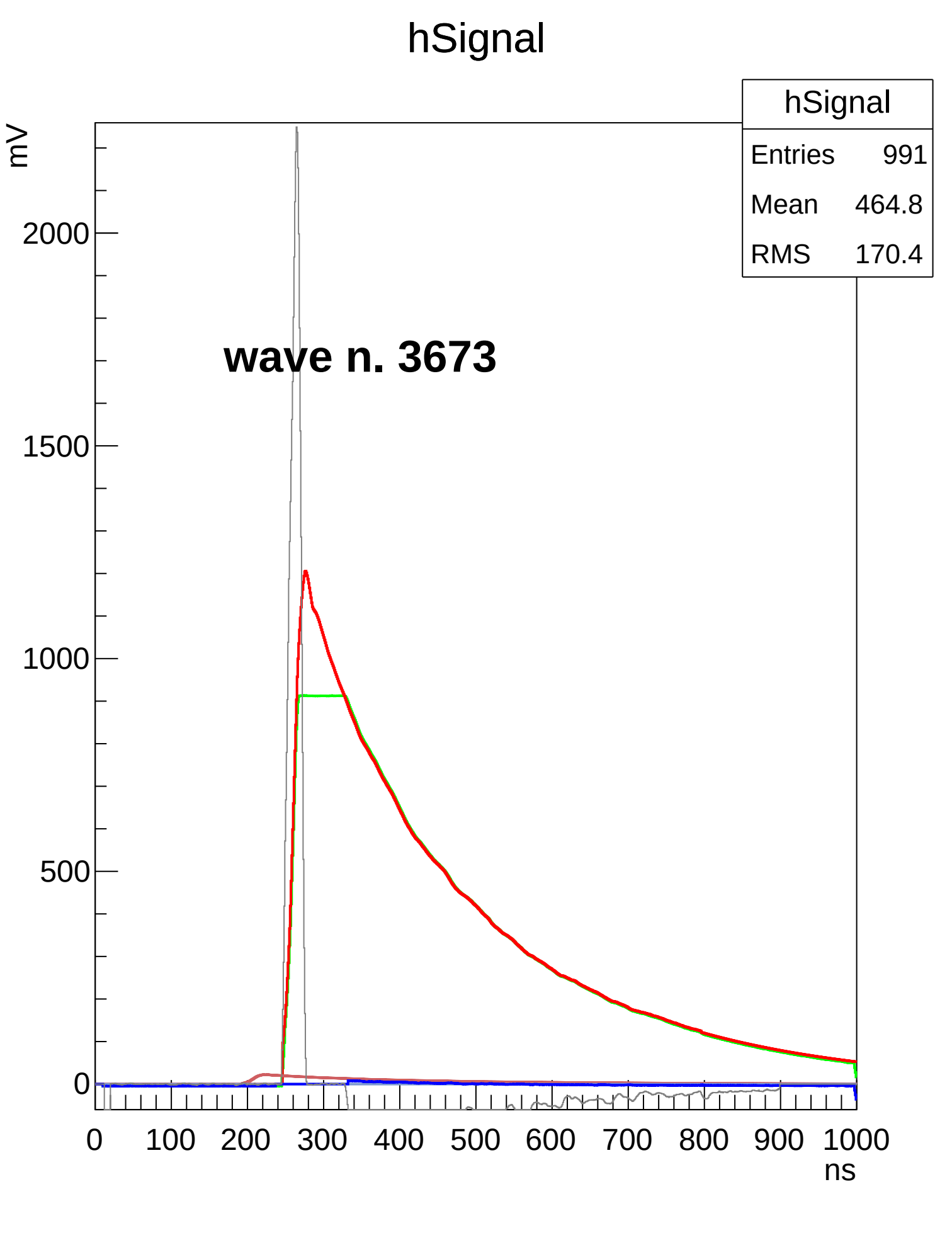
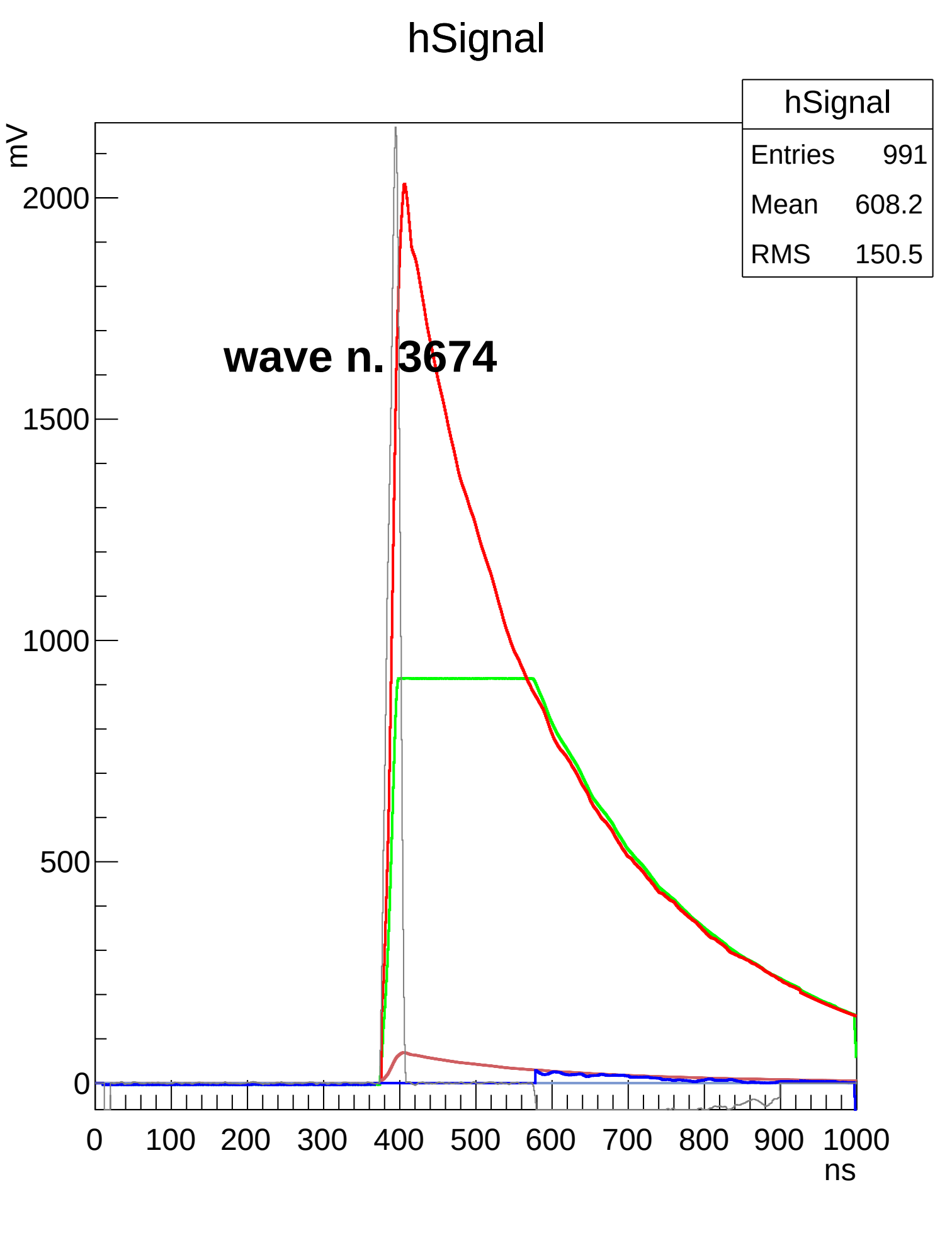
hSignal
Entries 991
Mean 548.3
RMS 182.1
wave n. 3671
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 459
RMS 182.2
wave n. 3672
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 464.8
RMS 170.4
wave n. 3673
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 608.2
RMS 150.5
wave n. 3674
mV
2000
1500
1000
500
0
0
100
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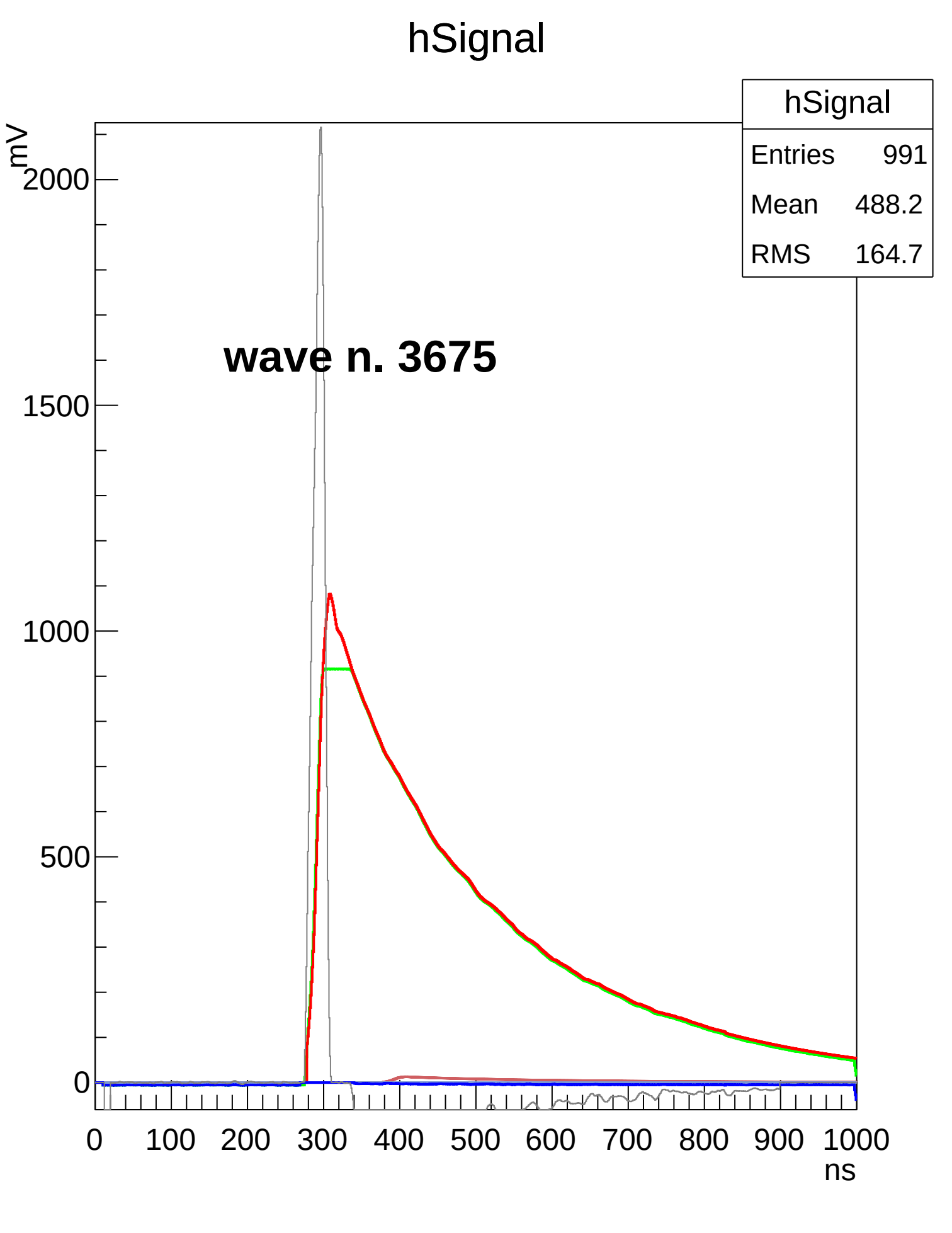
700
800
900
1000
ns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hSignal
Entries 991
Mean 488.2
RMS 164.7
wave n. 3675
mV
2000
1500
1000
500
0
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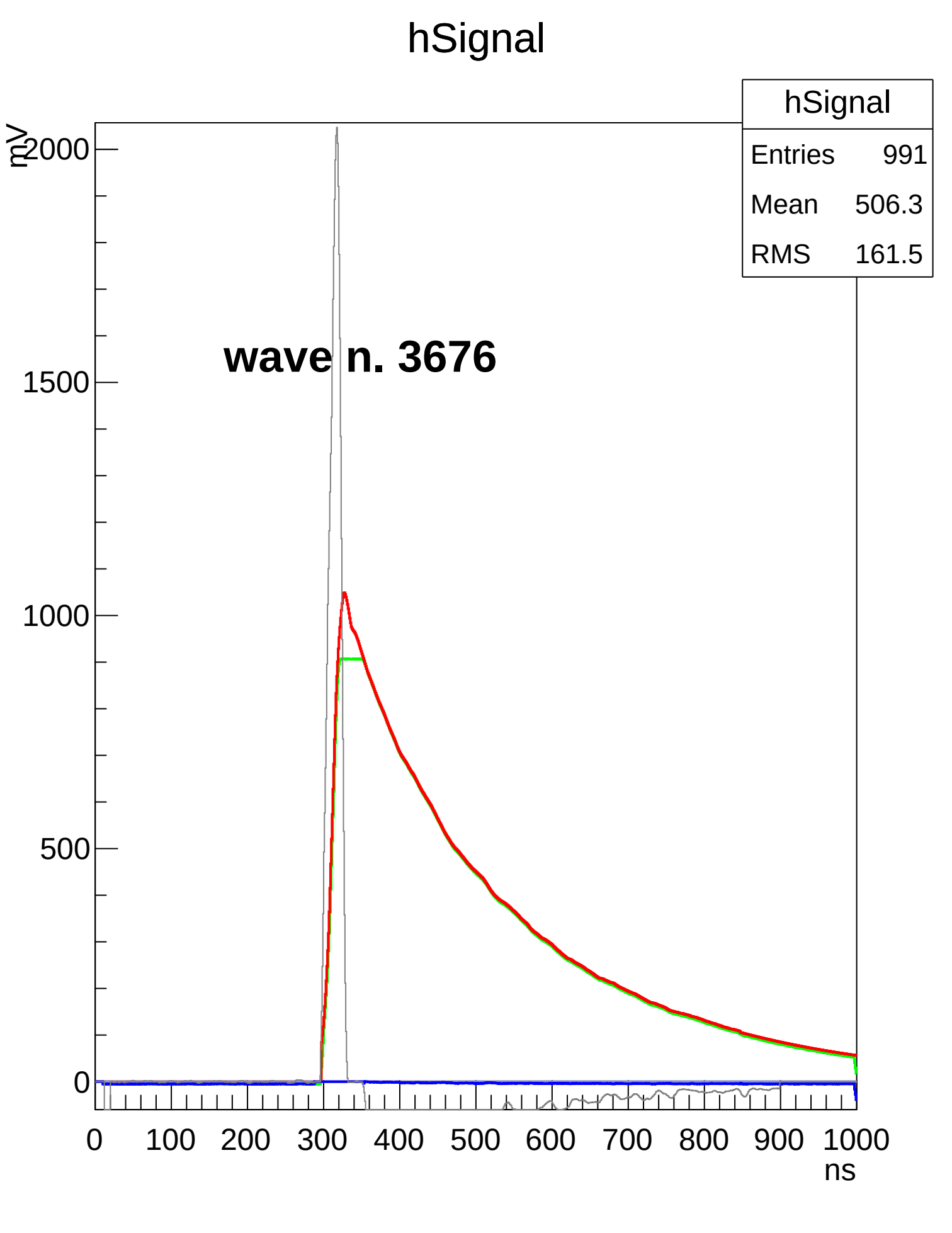
ns


hSignal
hSignal
Entries 991
Mean 506.3
RMS 161.5
wave n. 3676
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1000
500
0
0
100
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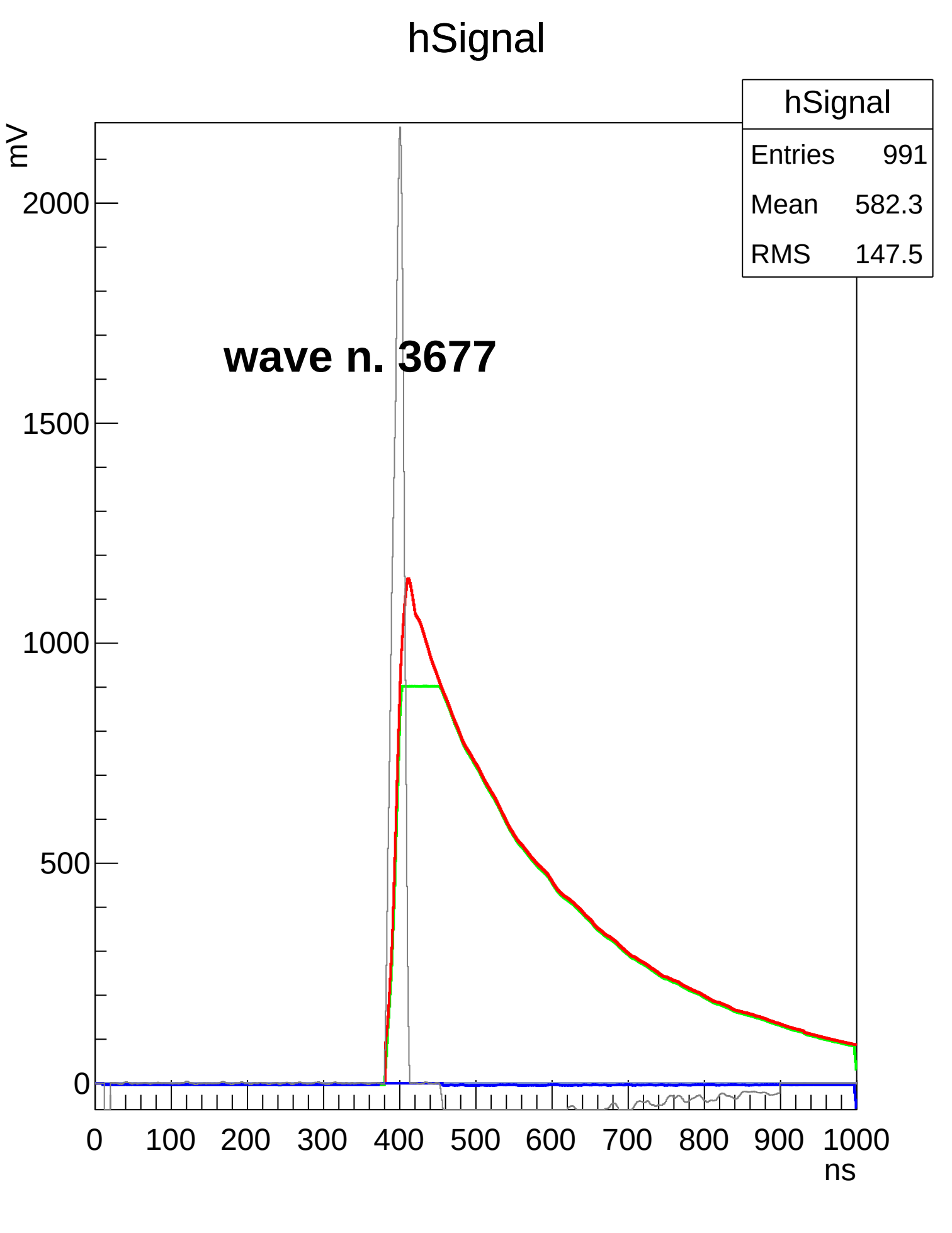
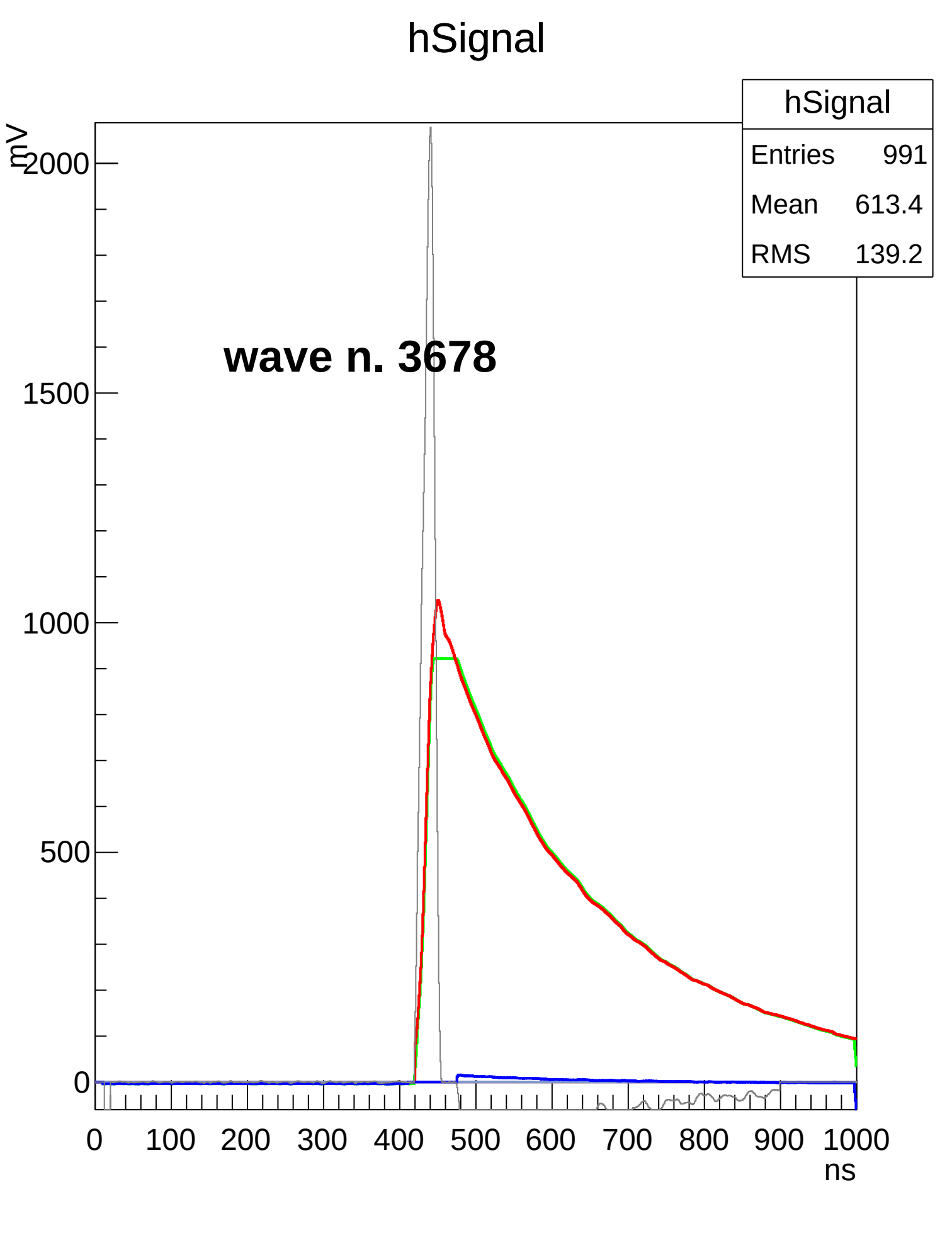
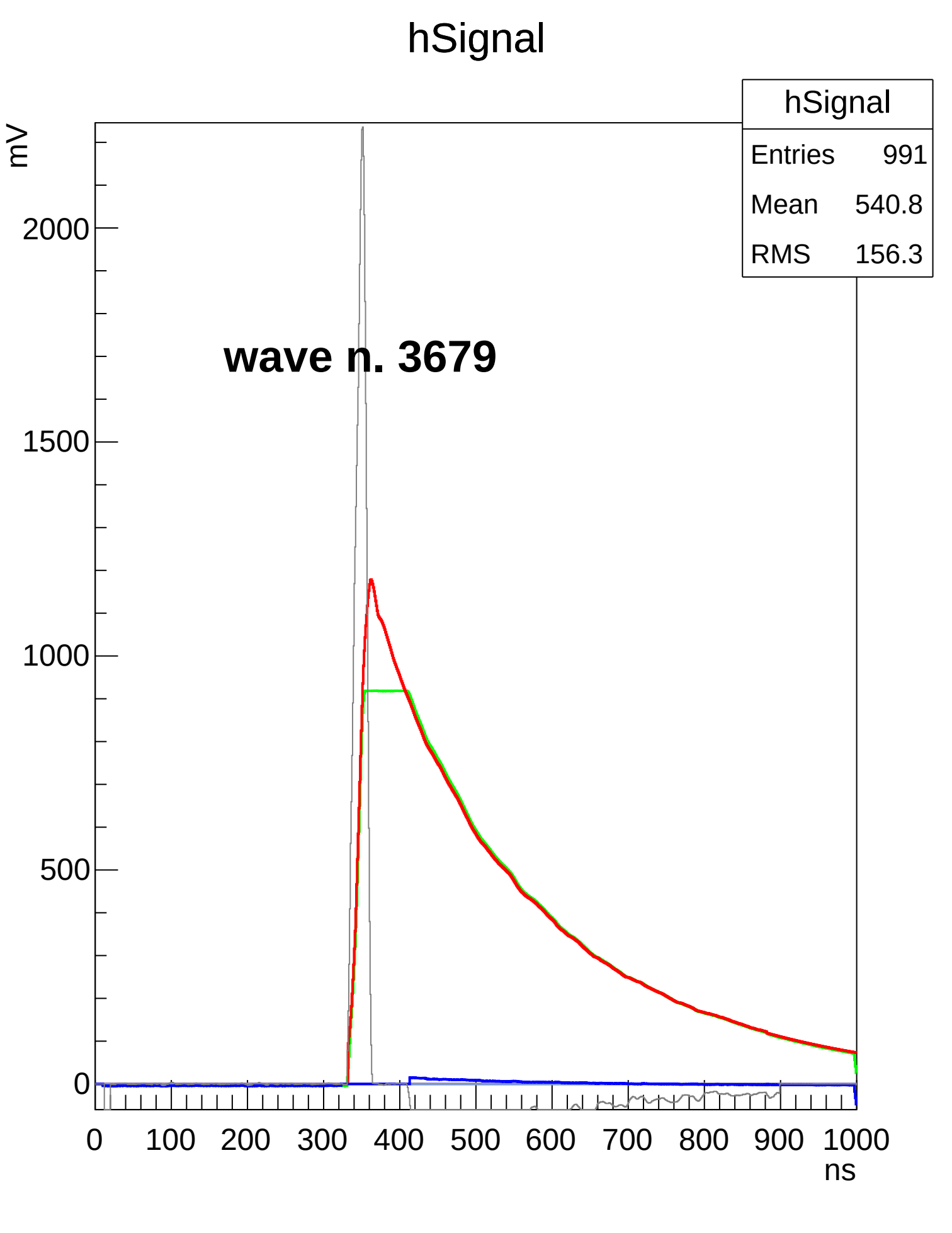
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 582.3
RMS 147.5
wave n. 3677
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 613.4
RMS 139.2
wave n. 3678
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 540.8
RMS 156.3
wave n. 3679
mV
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1500
1000
500
0
0
100
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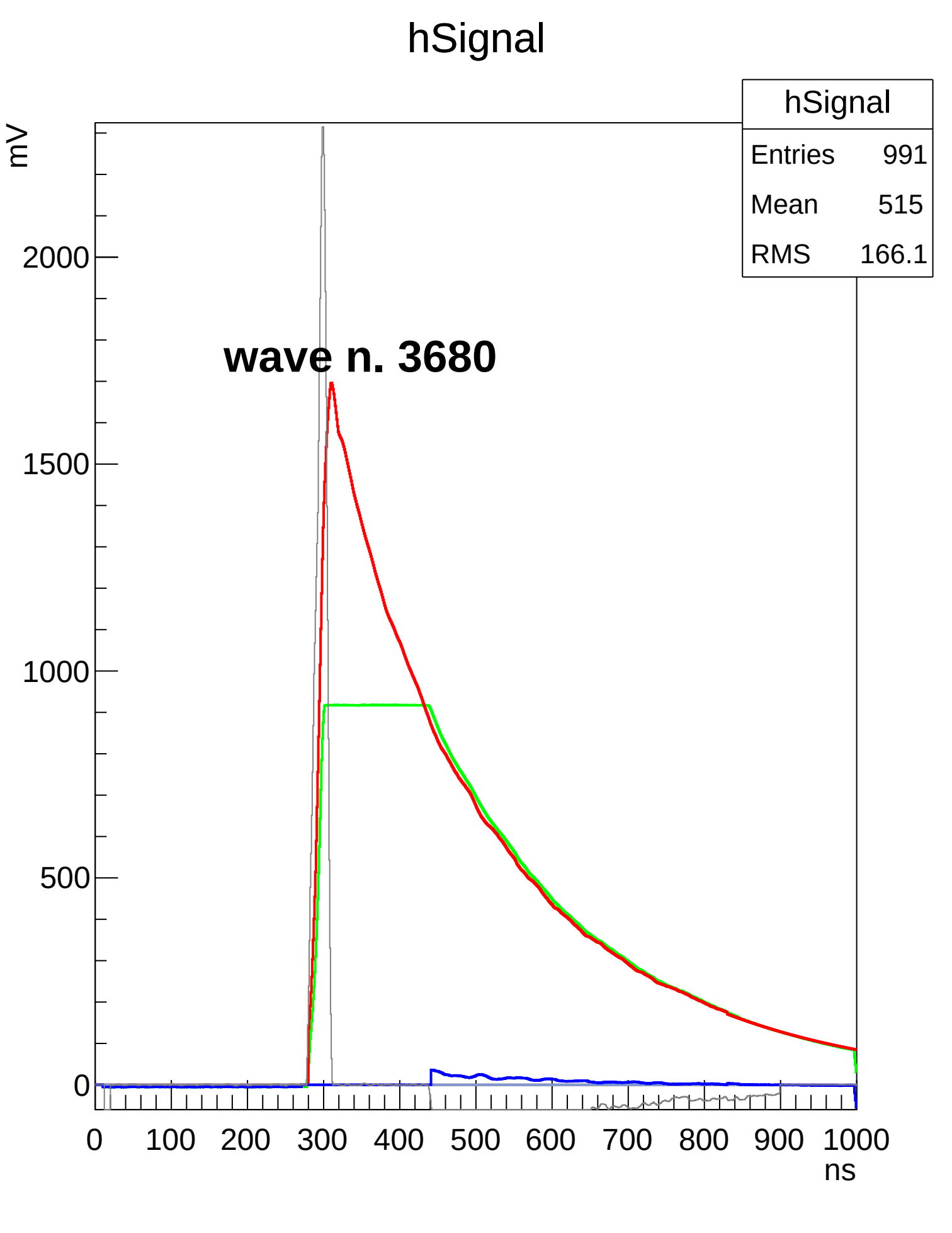
800
900
1000
ns


hSignal
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Entries 991
Mean 515
RMS 166.1
wave n. 3680
mV
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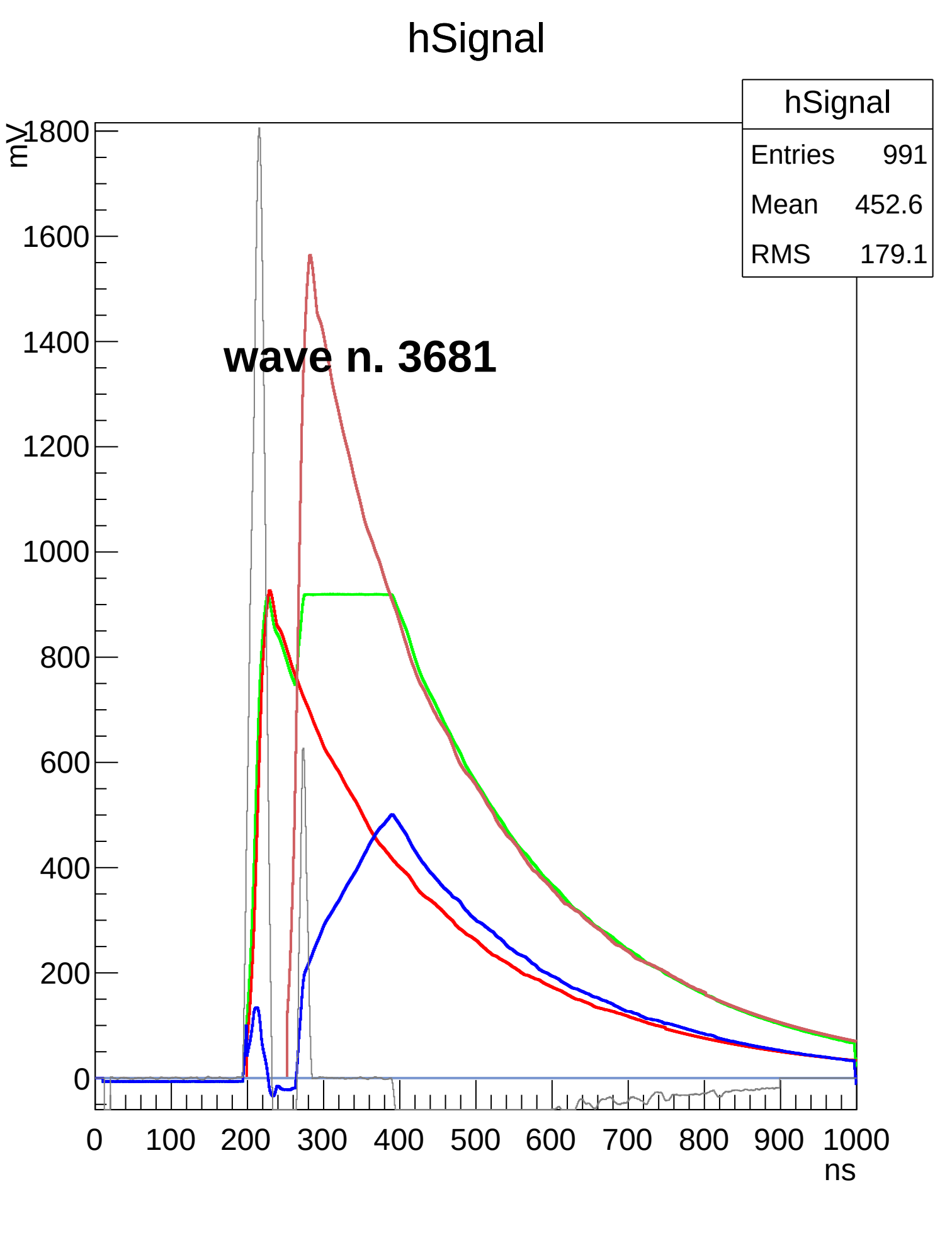
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 452.6
RMS 179.1
wave n. 3681
mV
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1600
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600
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0
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200
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400
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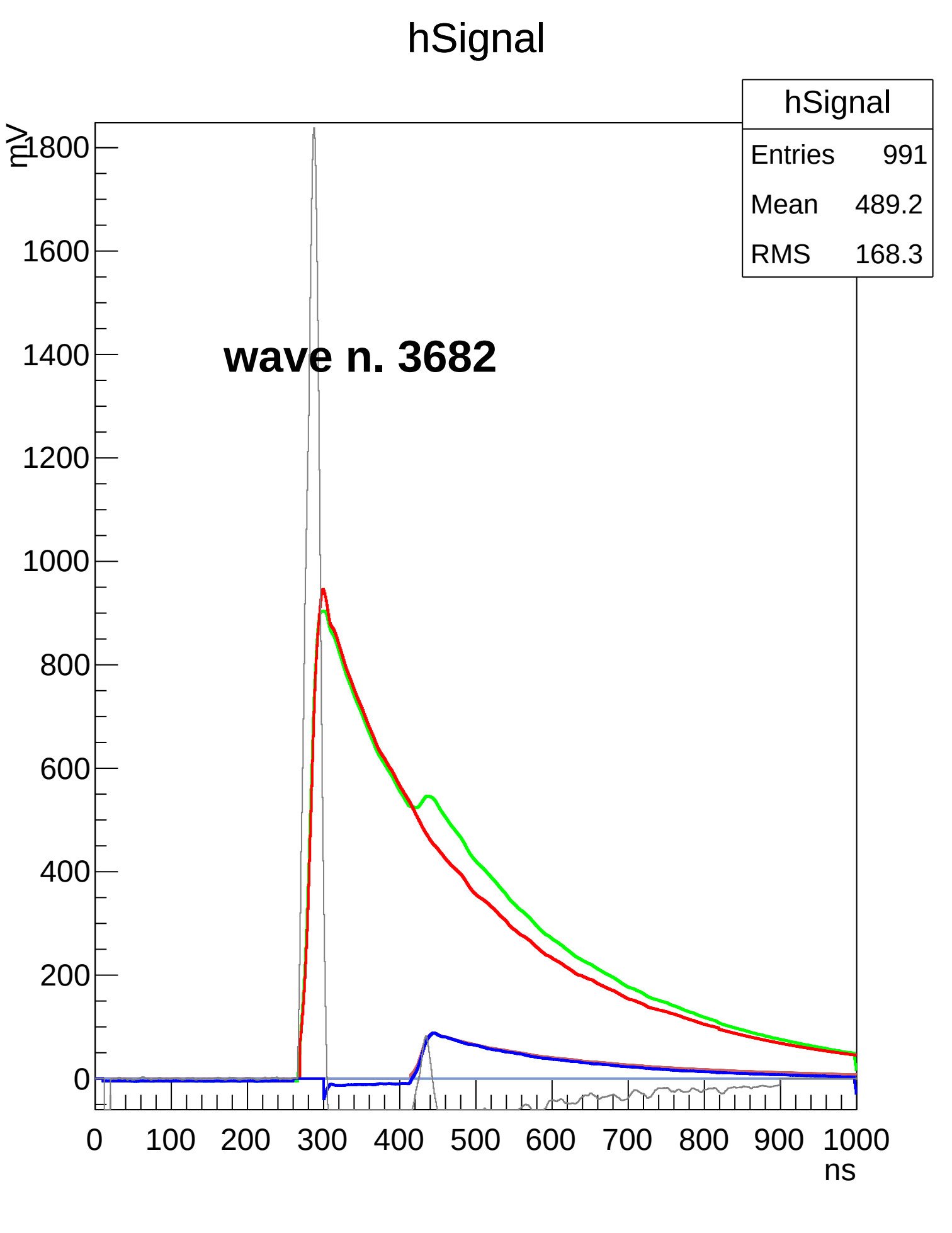
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 489.2
RMS 168.3
wave n. 3682
mV
1800
1600
1400
1200
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600
400
200
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0
100
200
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400
500
600
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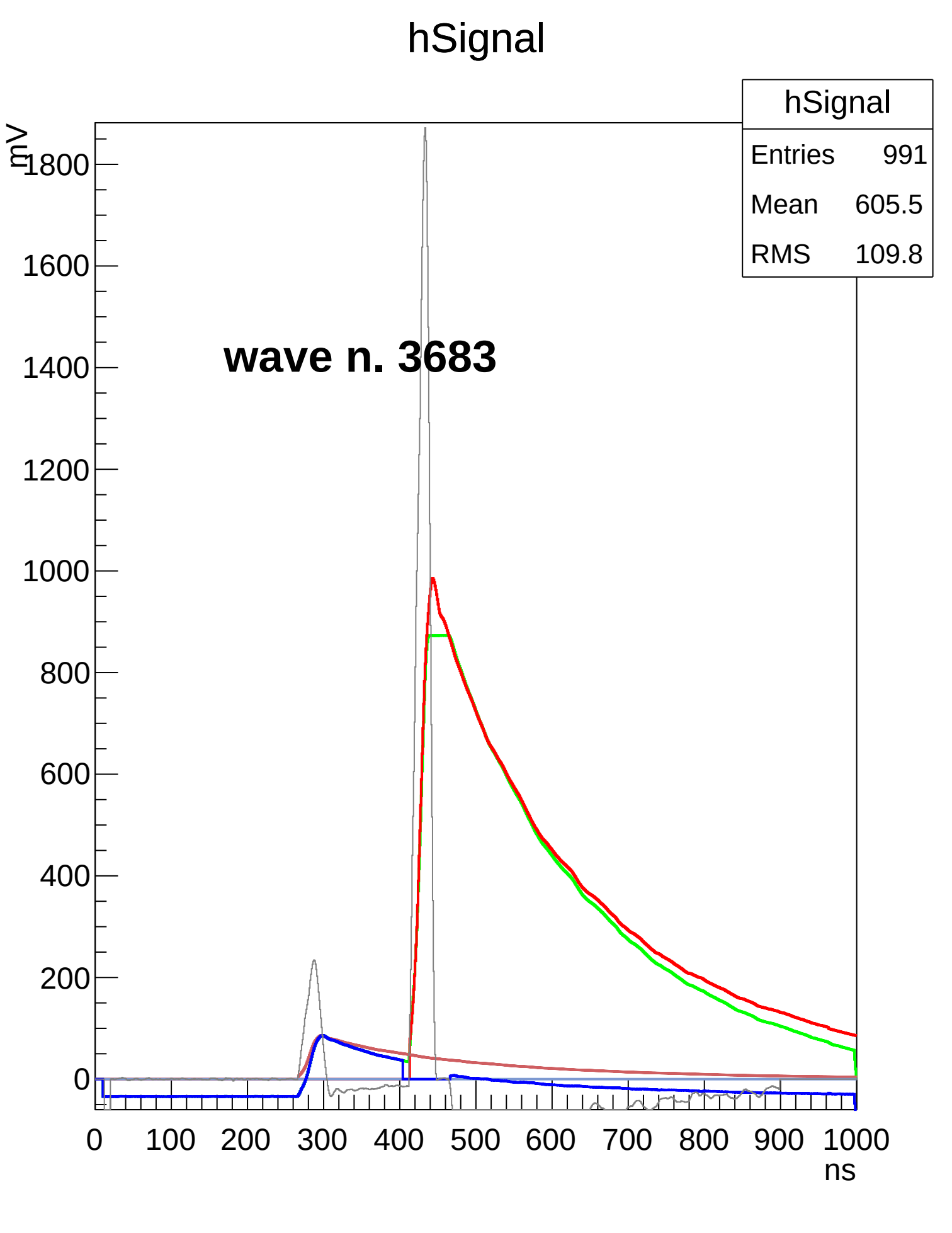
800
900
1000
ns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hSignal
Entries 991
Mean 605.5
RMS 109.8
wave n. 3683
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
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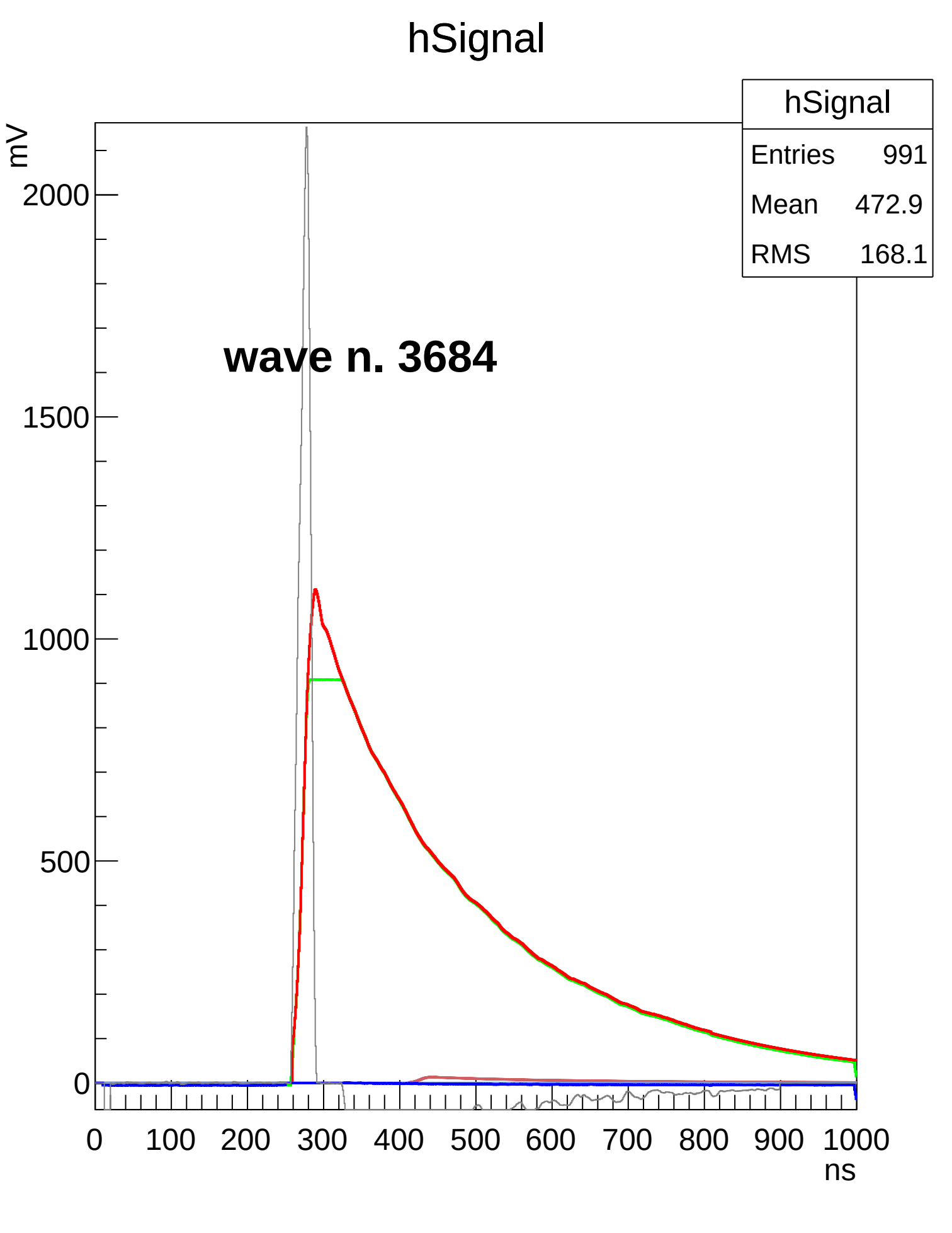
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hSignal
Entries 991
Mean 472.9
RMS 168.1
wave n. 3684
mV
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1000
500
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100
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400
500
600
700
800
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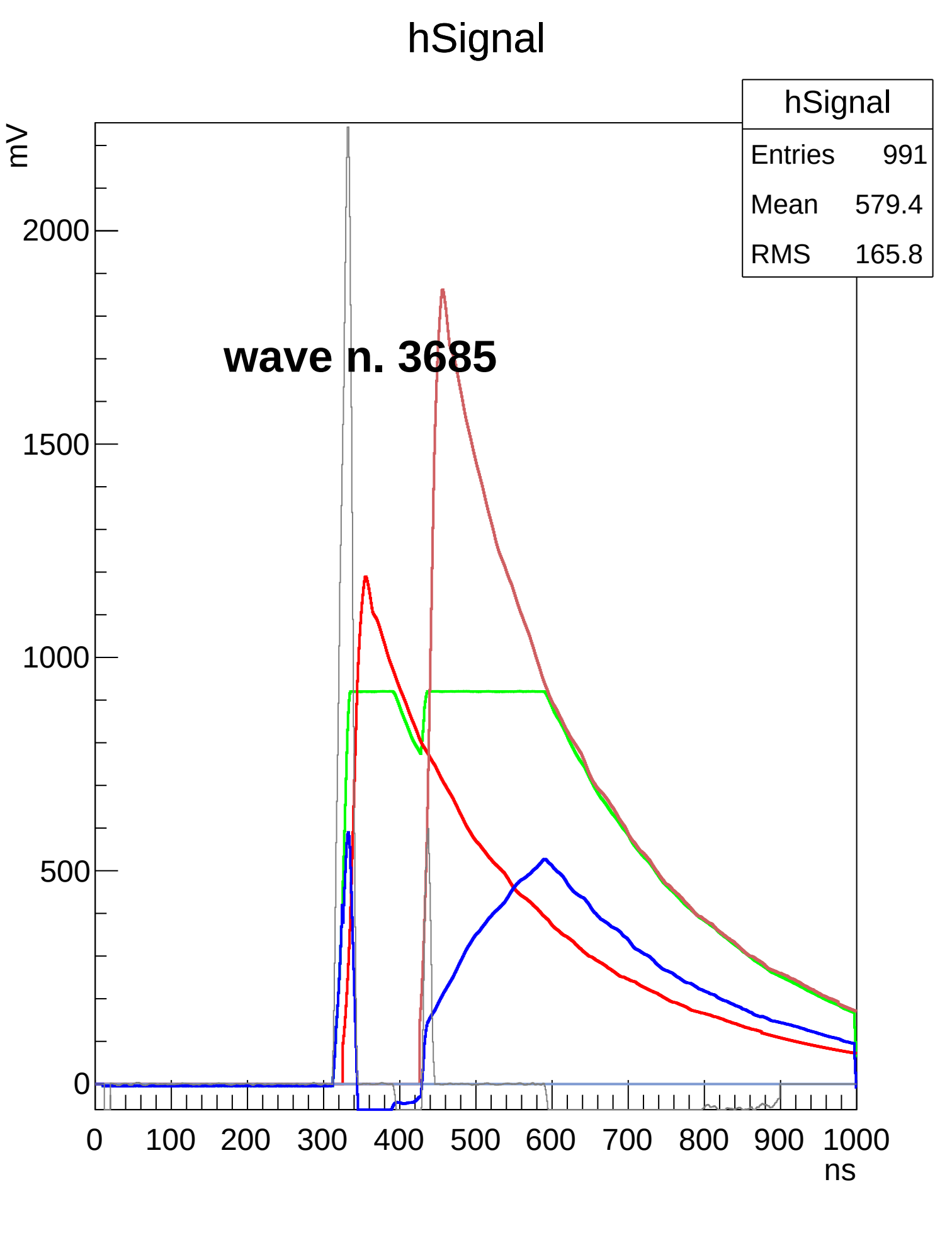
1000
ns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hSignal
Entries 991
Mean 579.4
RMS 165.8
wave n. 3685
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500
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0
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400
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800
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1000
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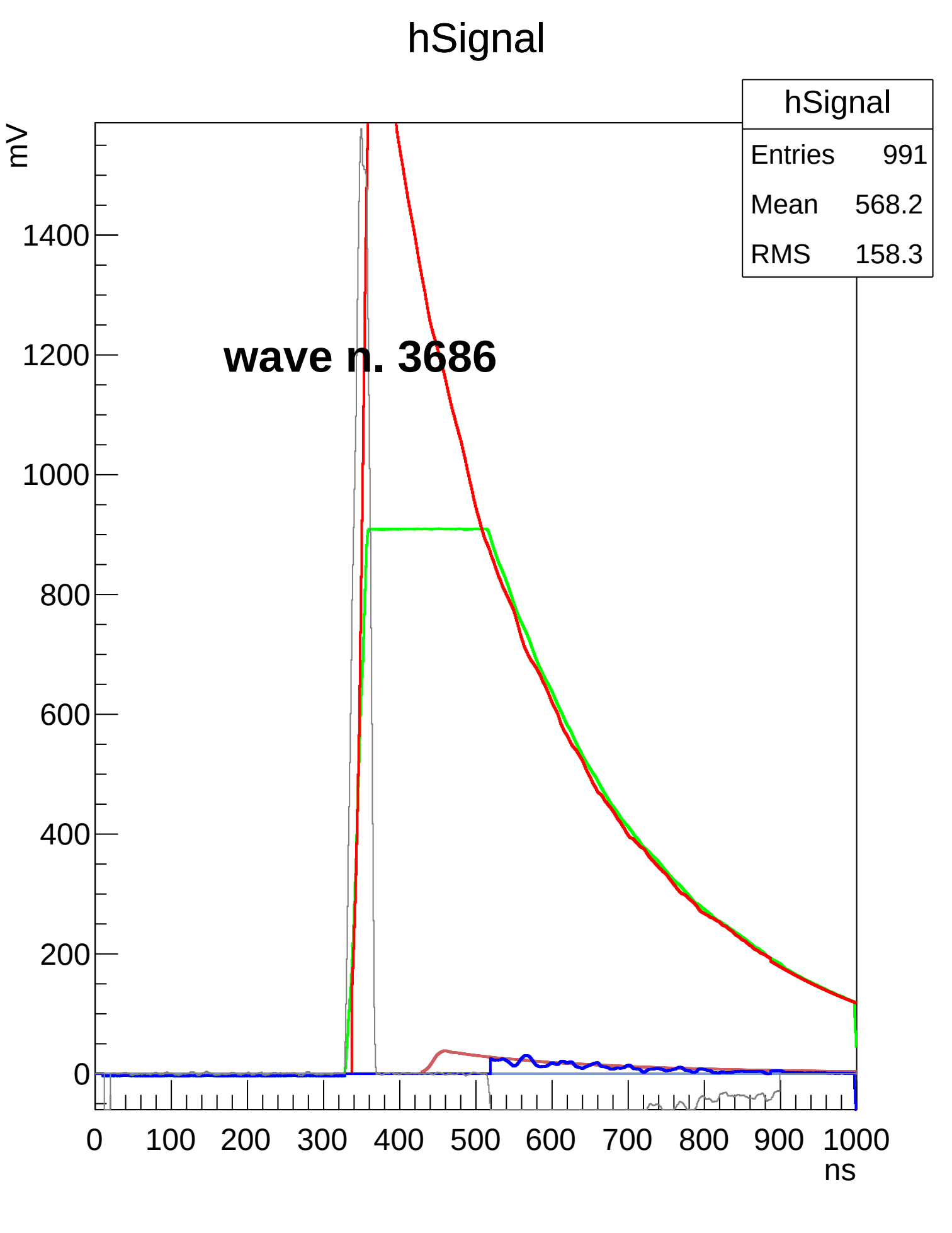
hSignal
hSignal
Entries 991
Mean 568.2
RMS 158.3
wave n. 3686
mV
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1200
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600
400
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400
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1000
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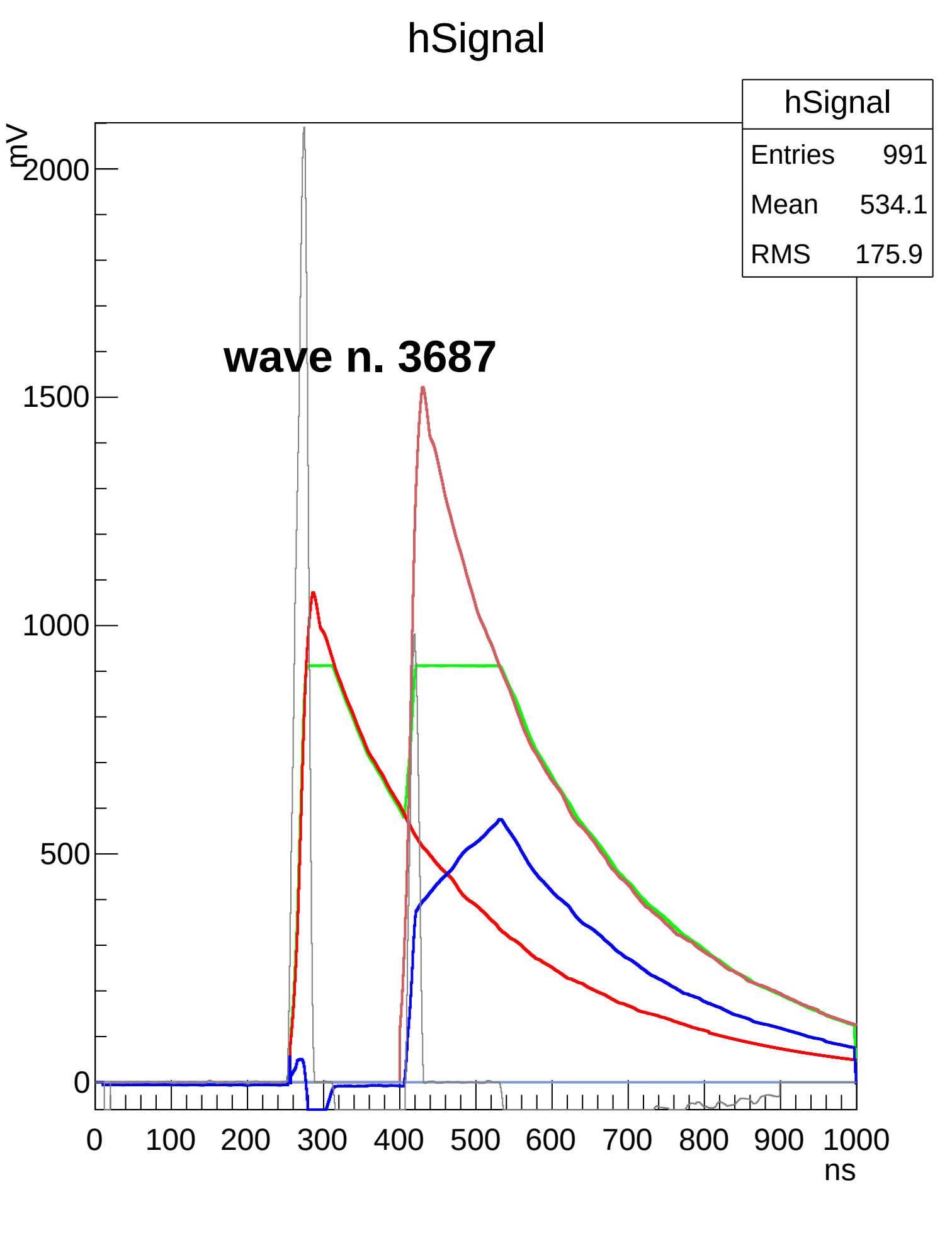
hSignal
hSignal
Entries 991
Mean 534.1
RMS 175.9
wave n. 3687
mV
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500
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0
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400
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800
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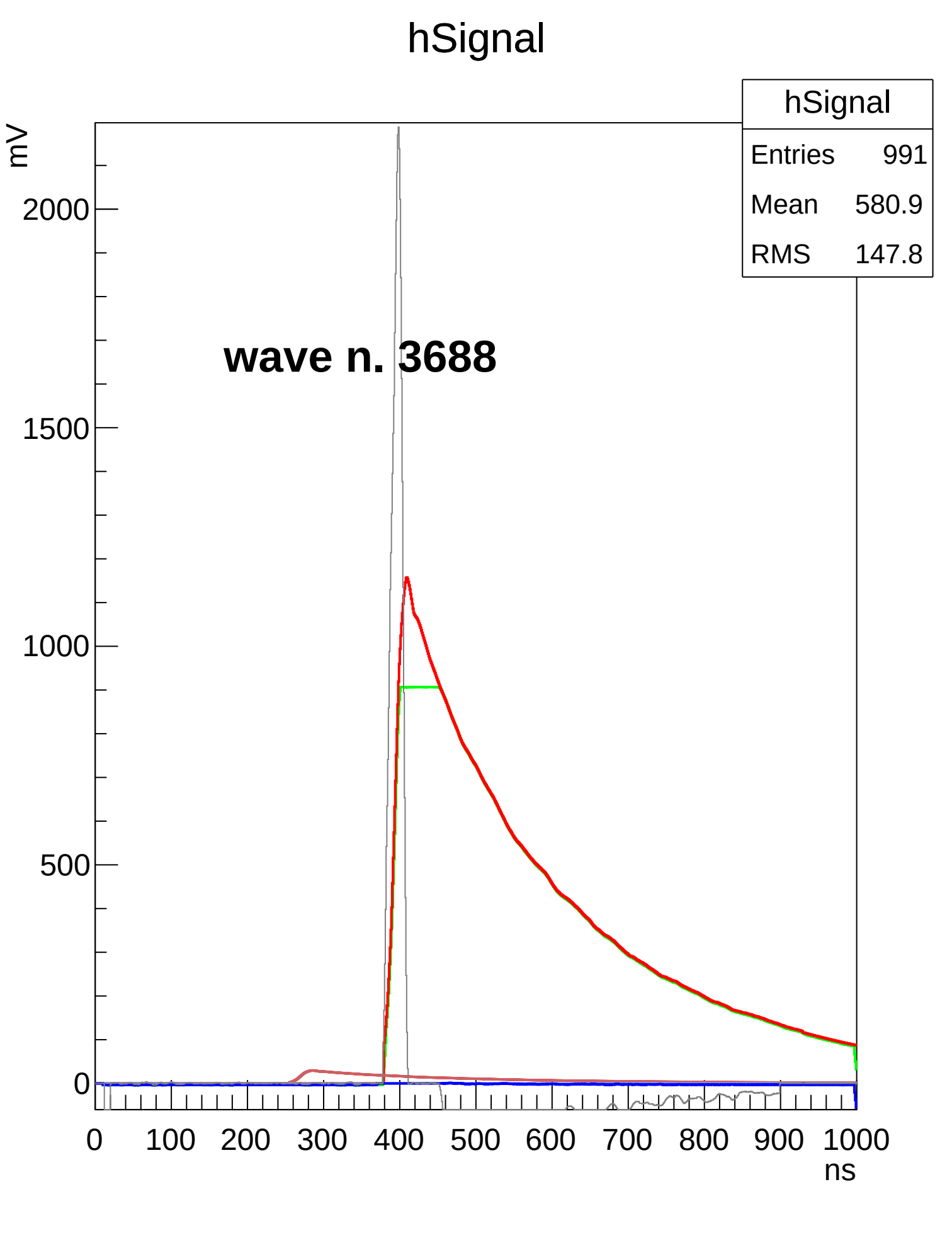
1000
ns


hSignal
hSignal
Entries 991
Mean 580.9
RMS 147.8
wave n. 3688
mV
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1000
500
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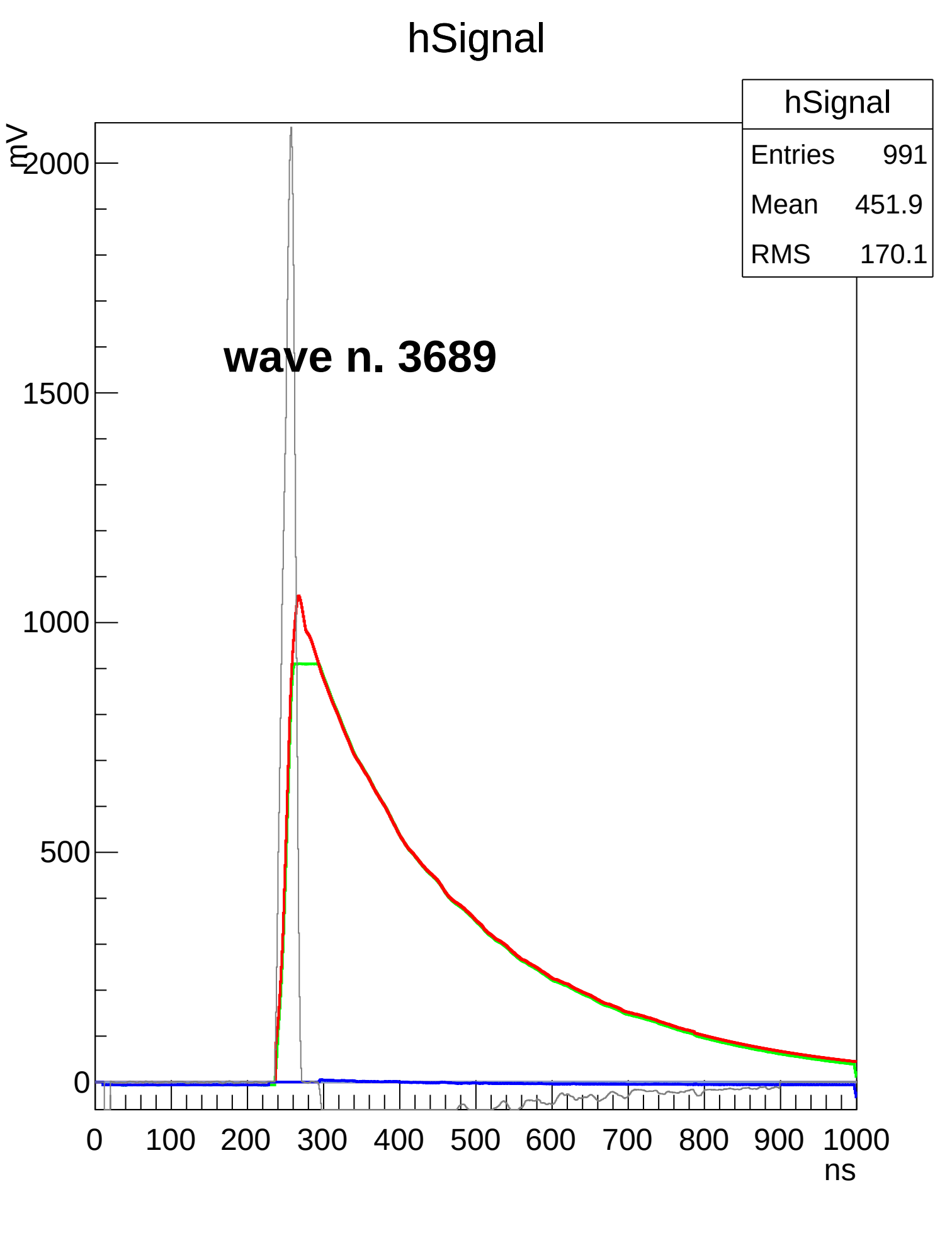
ns


hSignal
hSignal
Entries 991
Mean 451.9
RMS 170.1
wave n. 3689
mV
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500
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0
100
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400
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800
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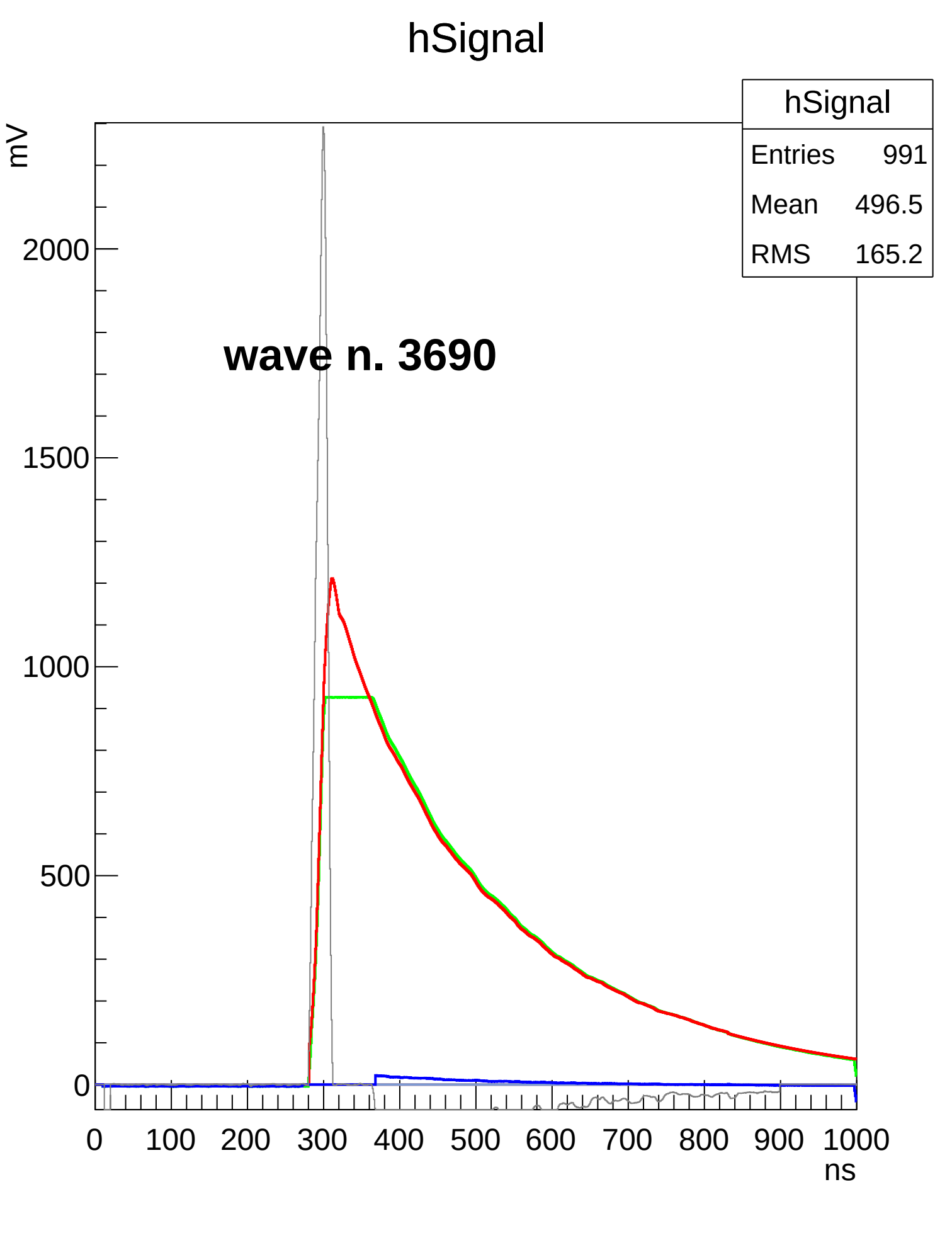
1000
ns


hSignal
hSignal
Entries 991
Mean 496.5
RMS 165.2
wave n. 3690
mV
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0
100
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800
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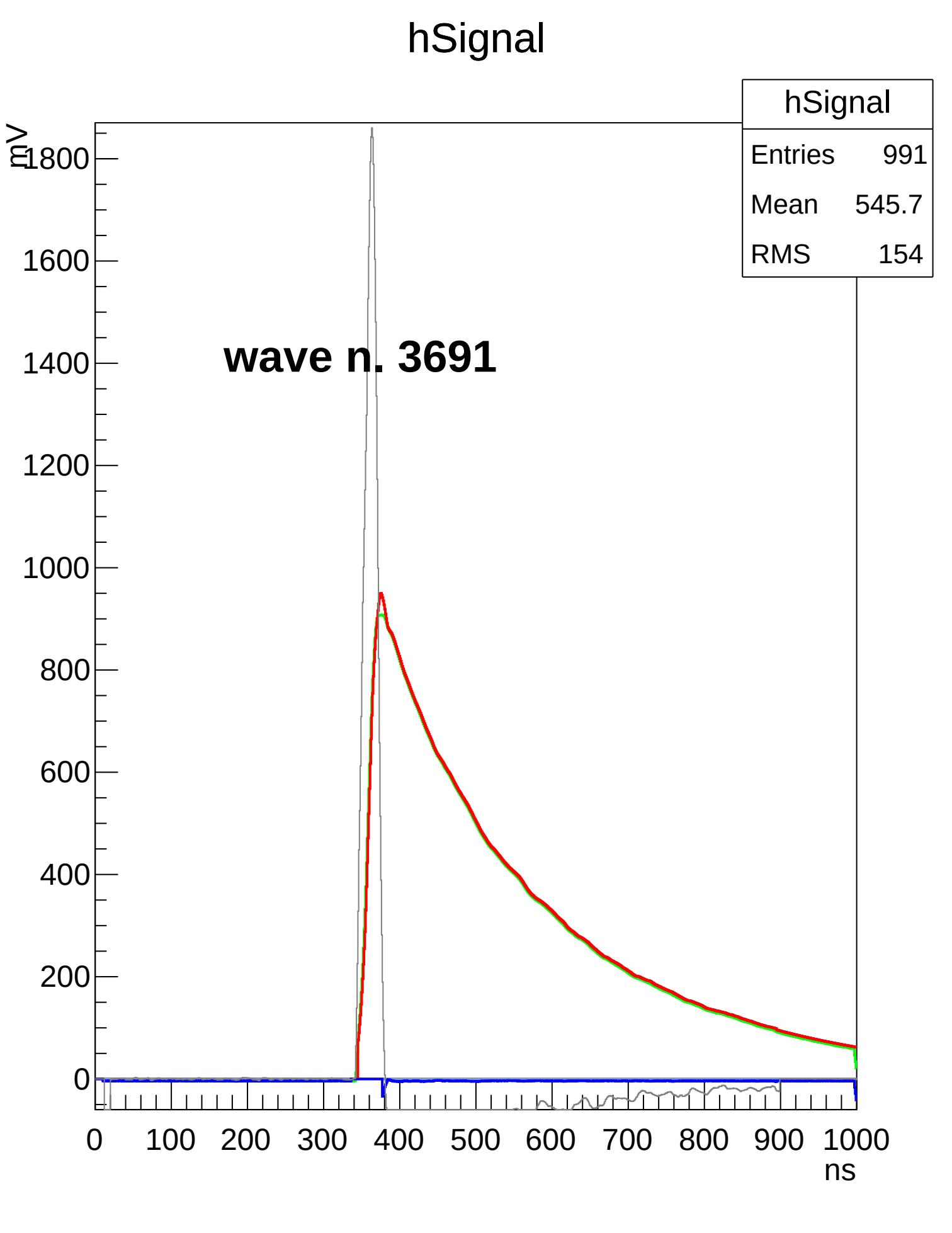
1000
ns


hSignal
hSignal
Entries 991
Mean 545.7
RMS 154
wave n. 3691
mV
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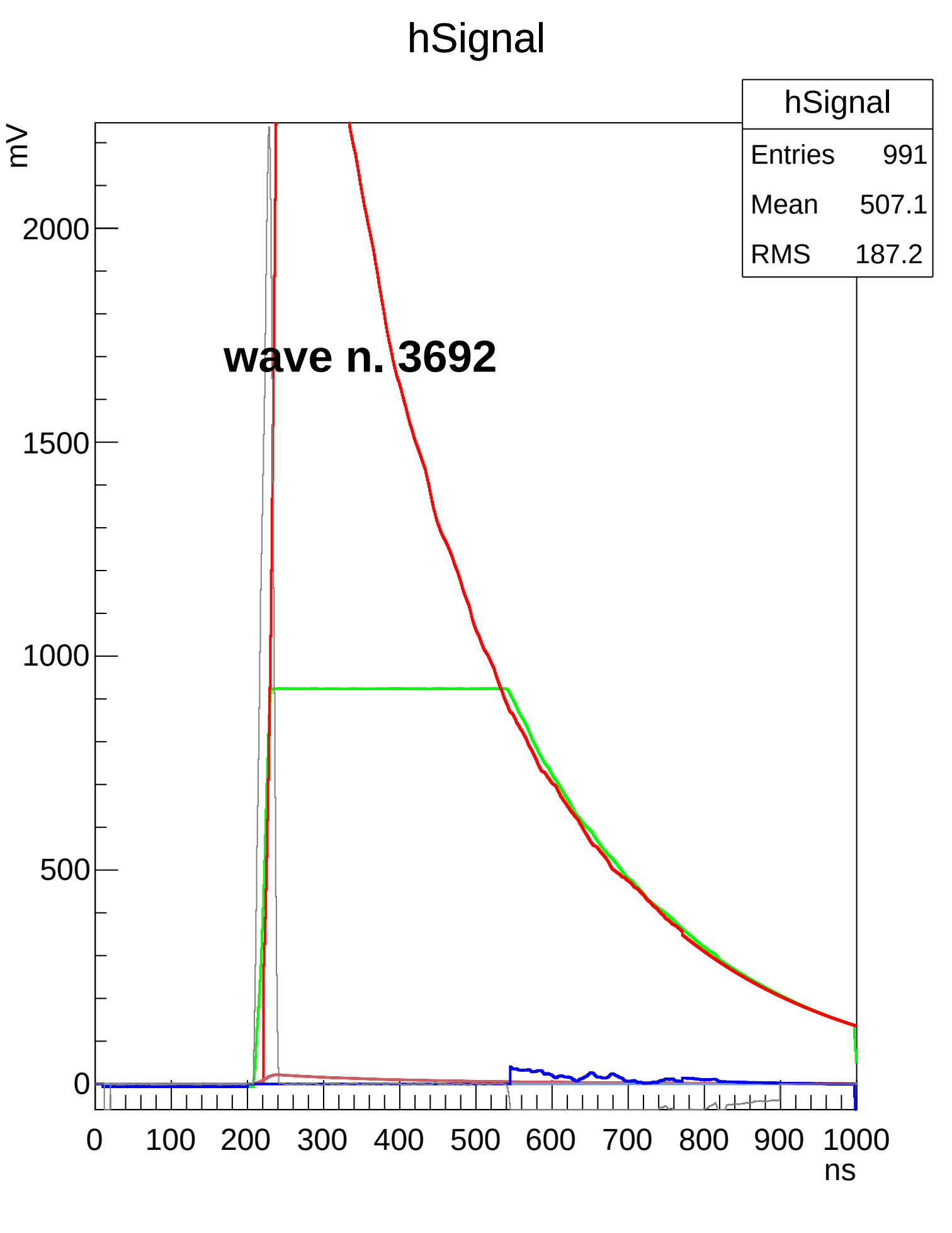
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hSignal
Entries 991
Mean 507.1
RMS 187.2
wave n. 3692
mV
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1500
1000
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800
900
1000
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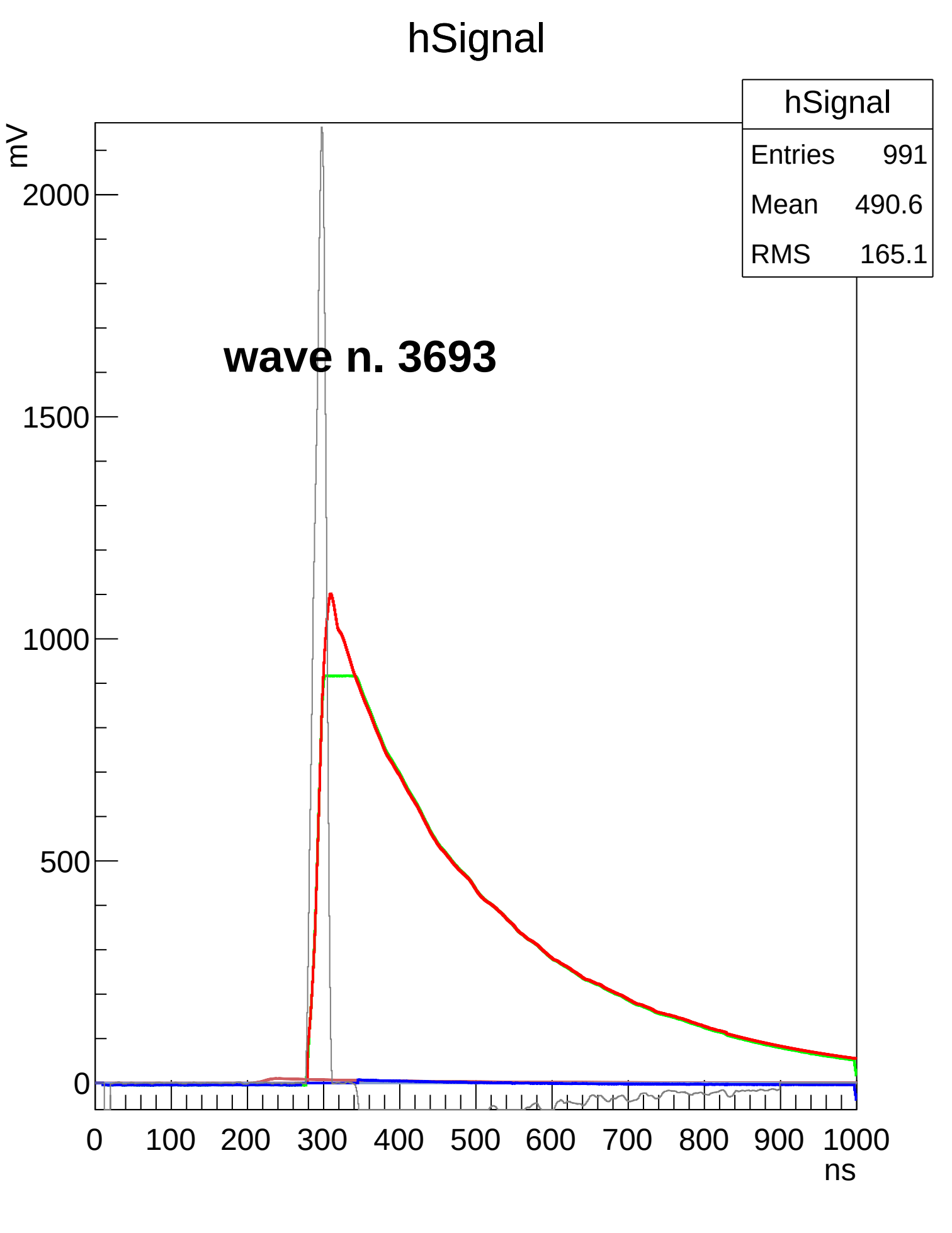
hSignal
hSignal
Entries 991
Mean 490.6
RMS 165.1
wave n. 3693
mV
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1500
1000
500
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0
100
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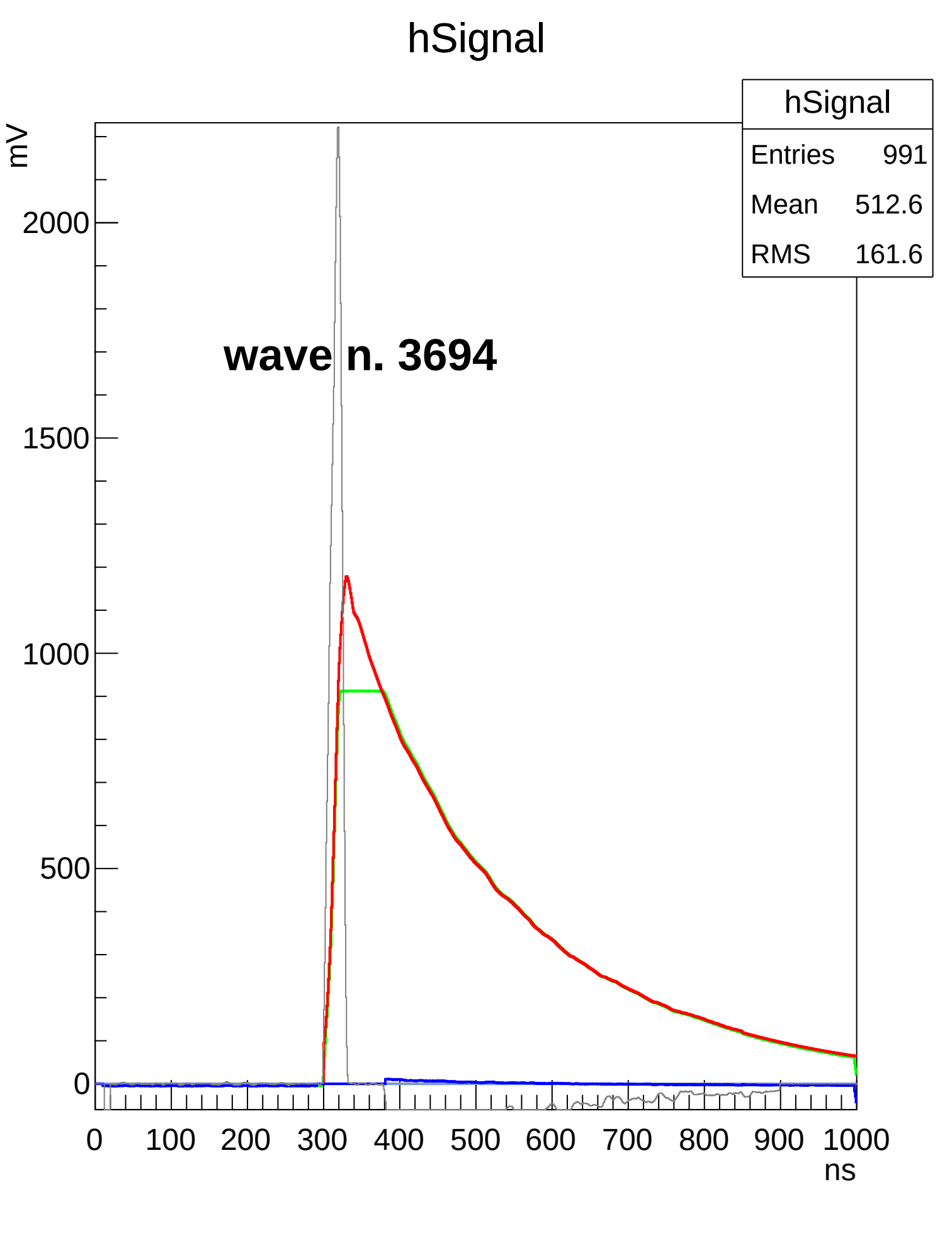
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.6
RMS 161.6
wave n. 3694
mV
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1500
1000
500
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0
100
200
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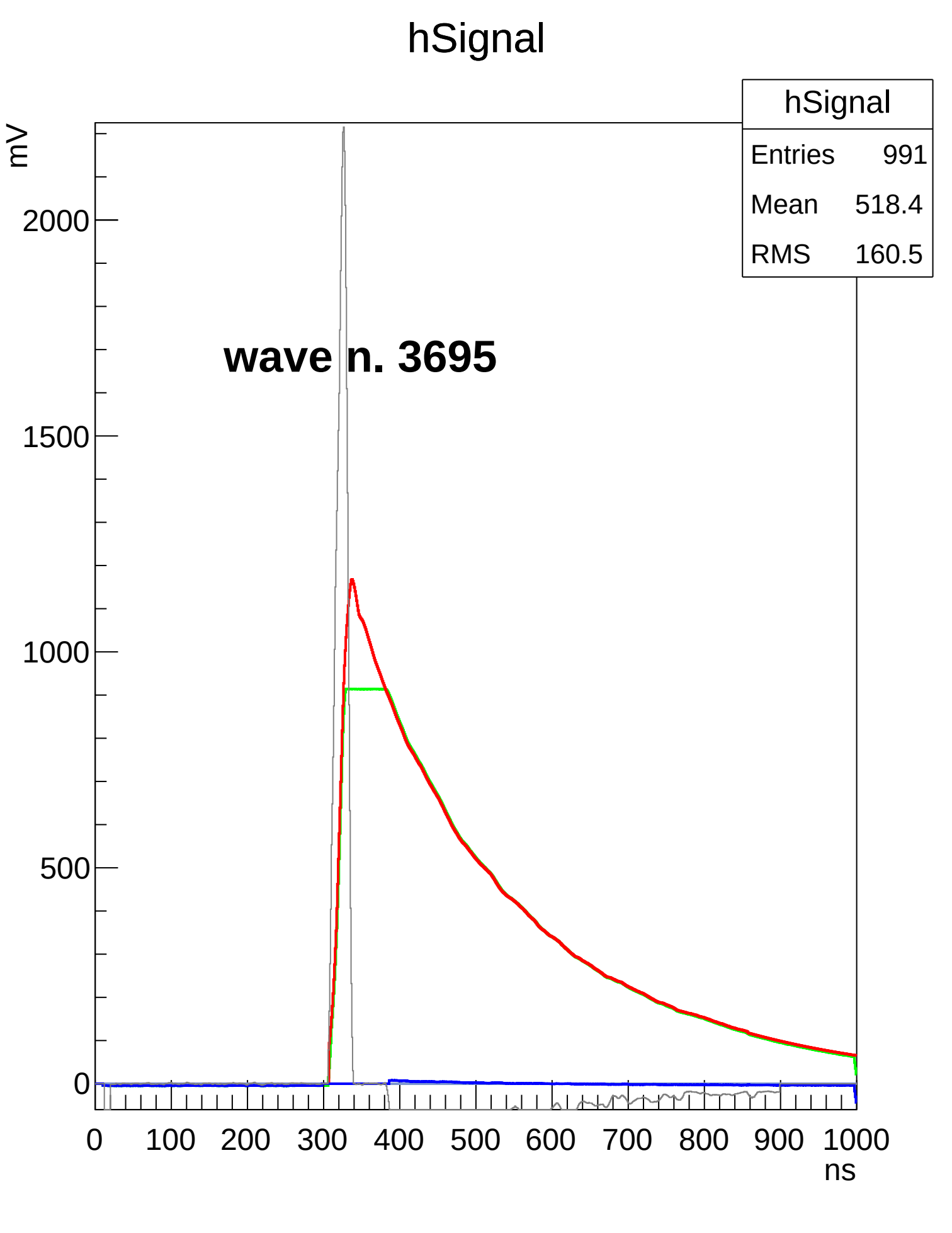
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.4
RMS 160.5
wave n. 3695
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1500
1000
500
0
0
100
200
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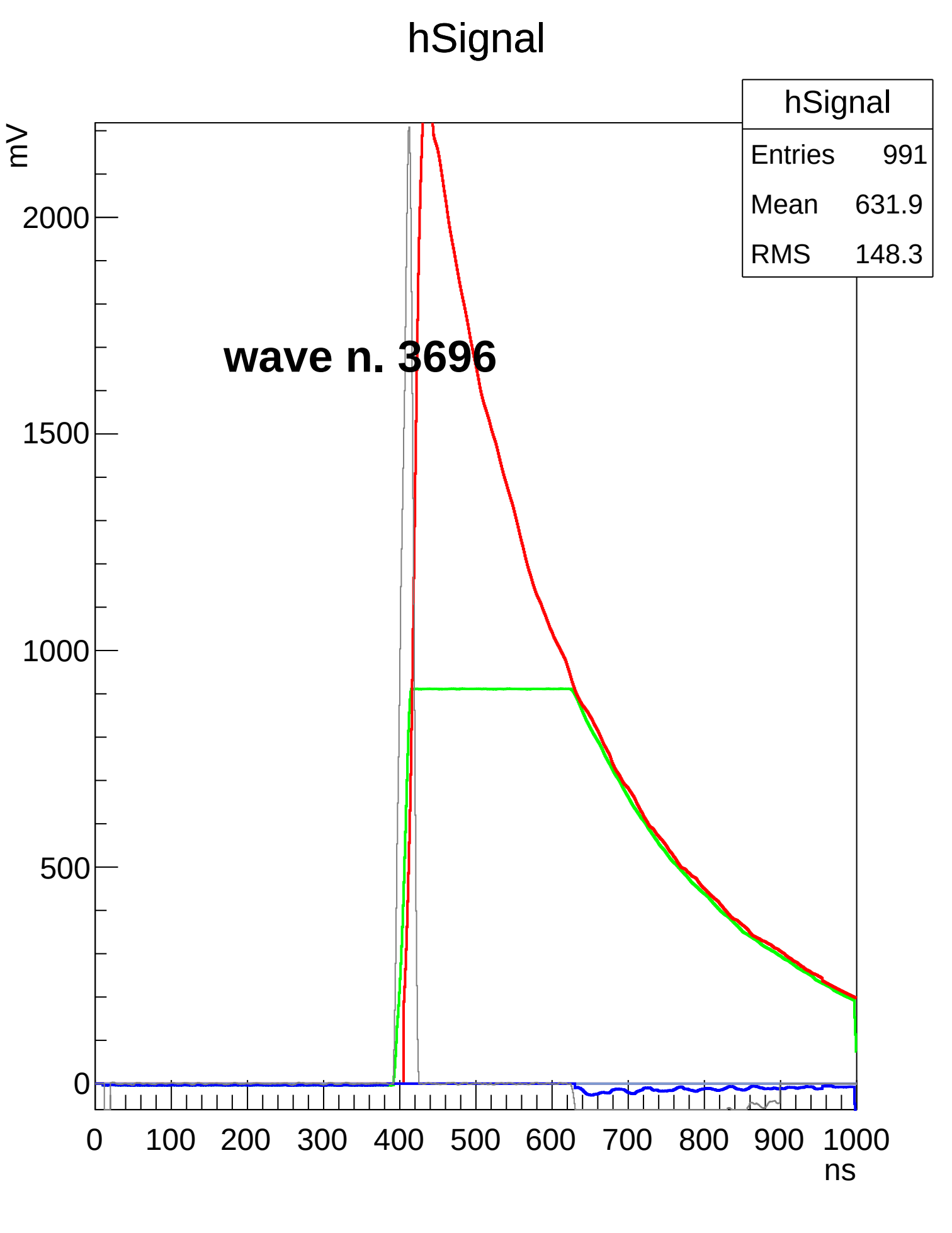
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 631.9
RMS 148.3
wave n. 3696
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1000
500
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100
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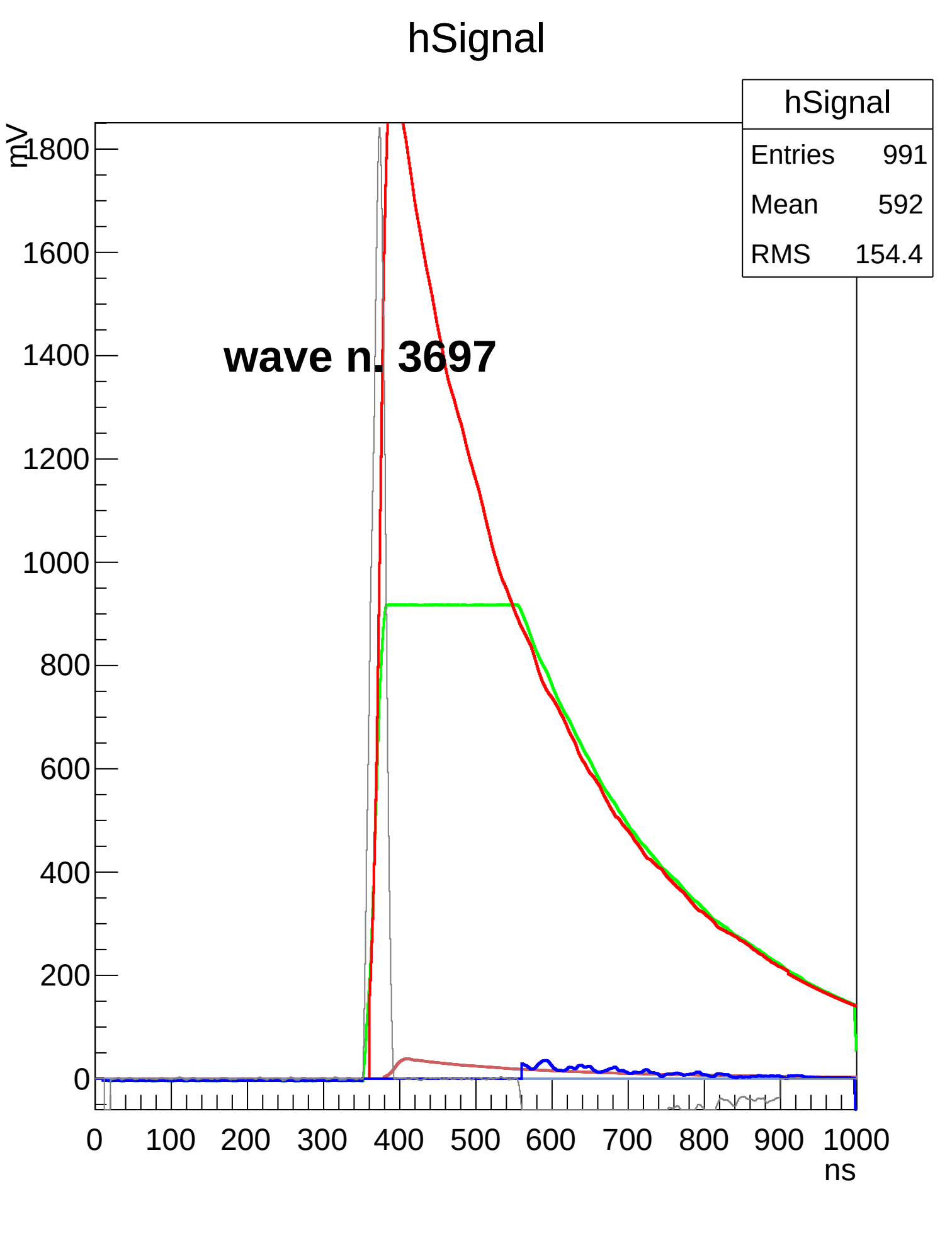
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 592
RMS 154.4
wave n. 3697
mV
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1600
1400
1200
1000
800
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400
200
0
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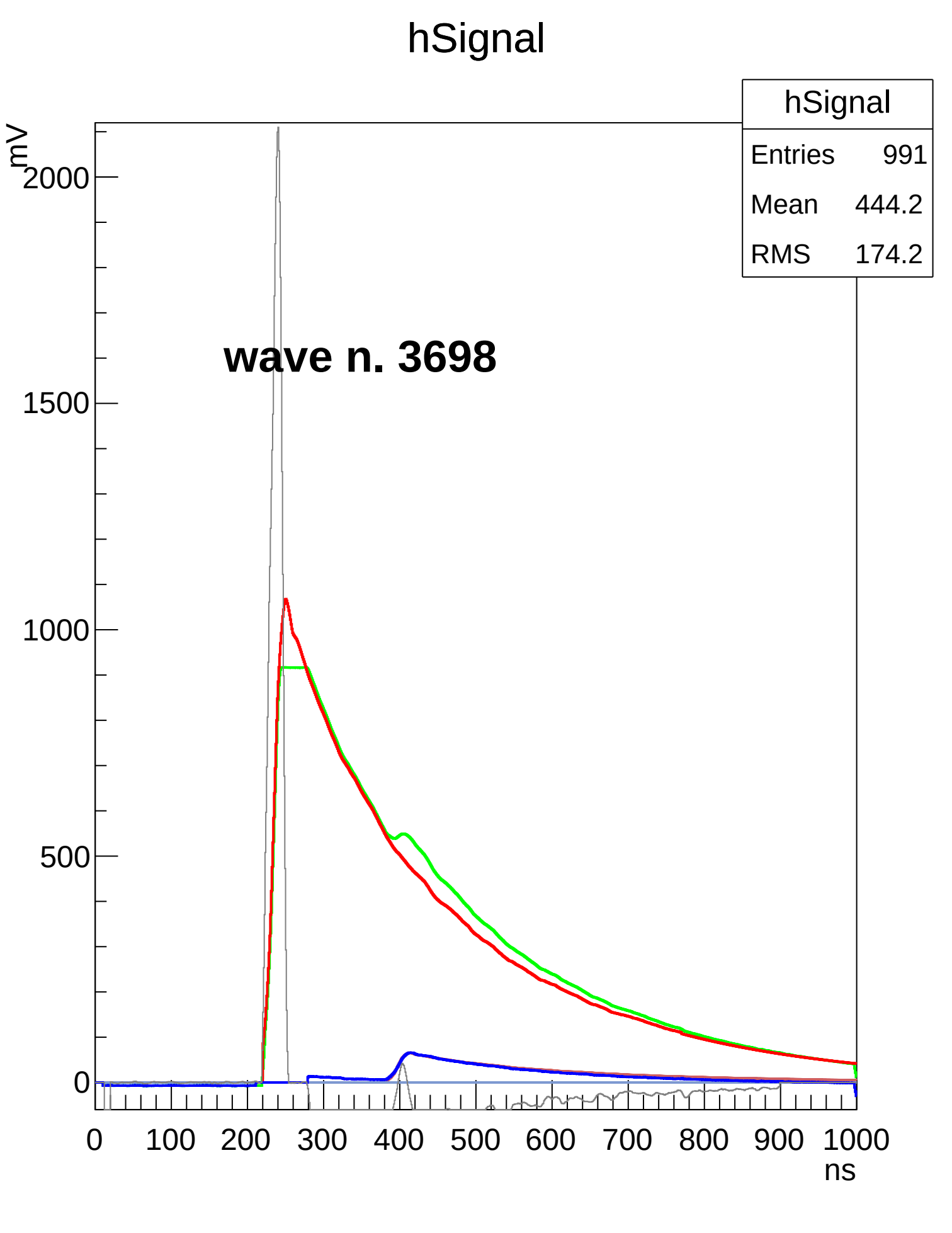
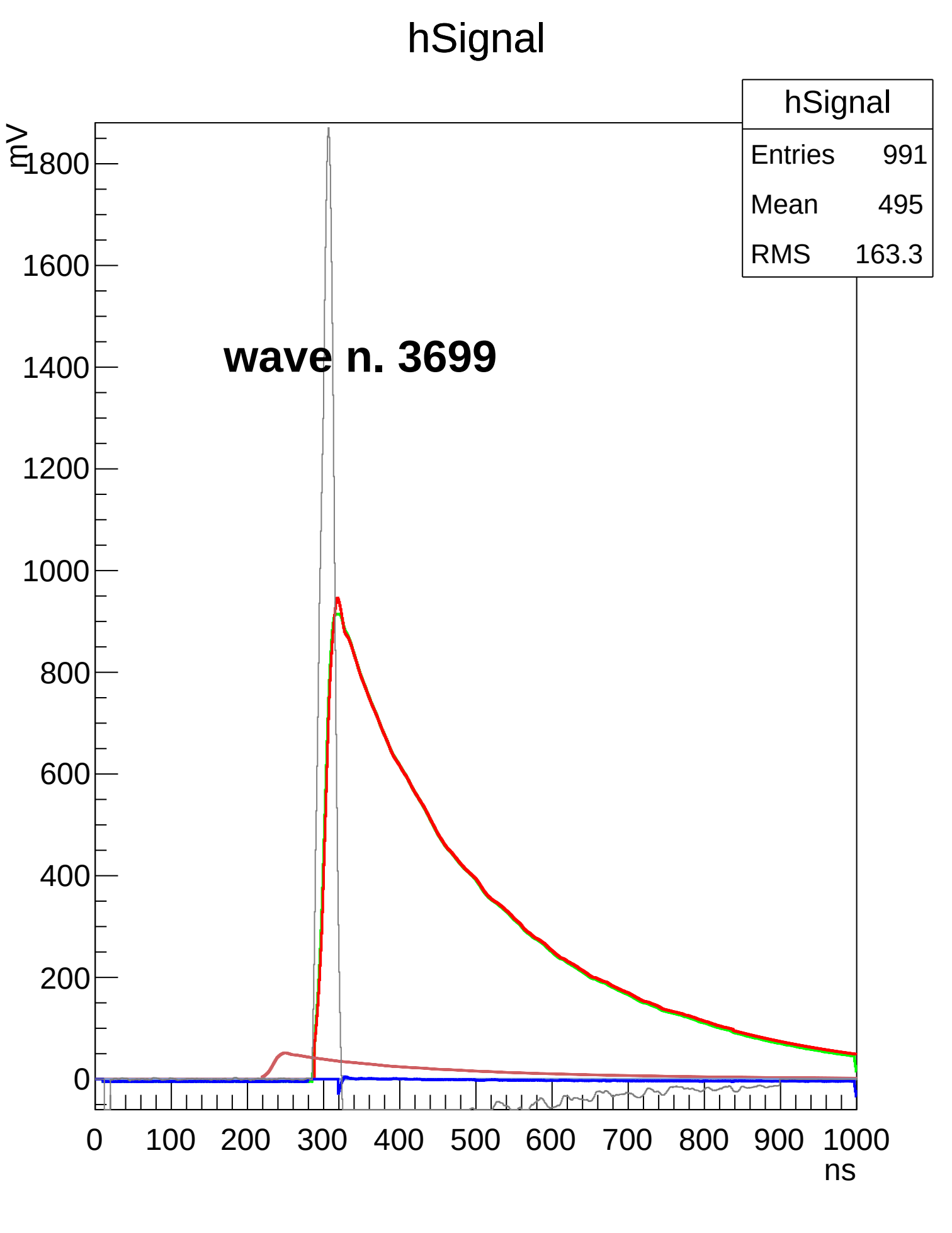
ns


hSignal
hSignal
Entries 991
Mean 444.2
RMS 174.2
wave n. 3698
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 495
RMS 163.3
wave n. 3699
mV
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1600
1400
1200
1000
800
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400
200
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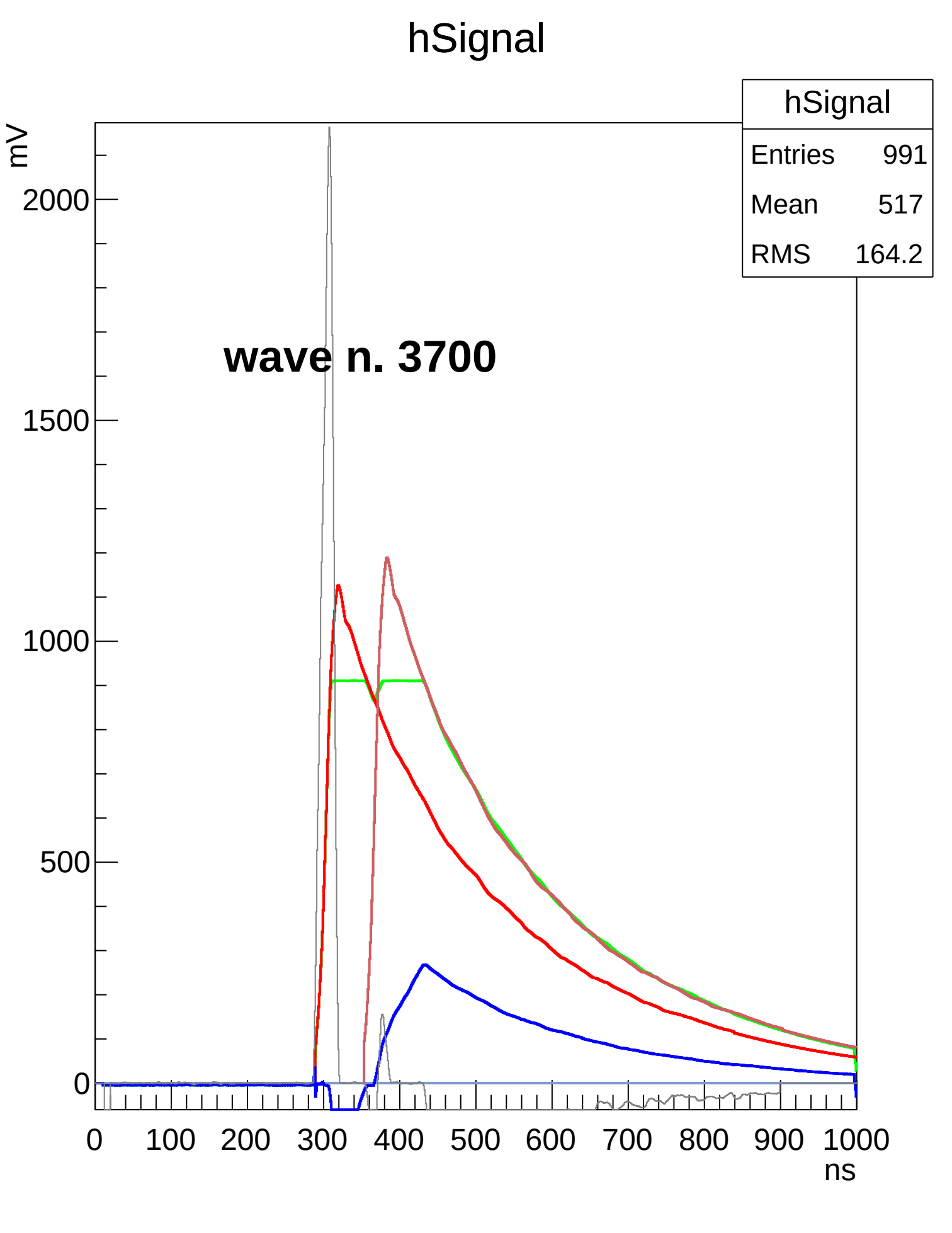
ns


hSignal
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Mean 517
RMS 164.2
wave n. 3700
mV
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1000
500
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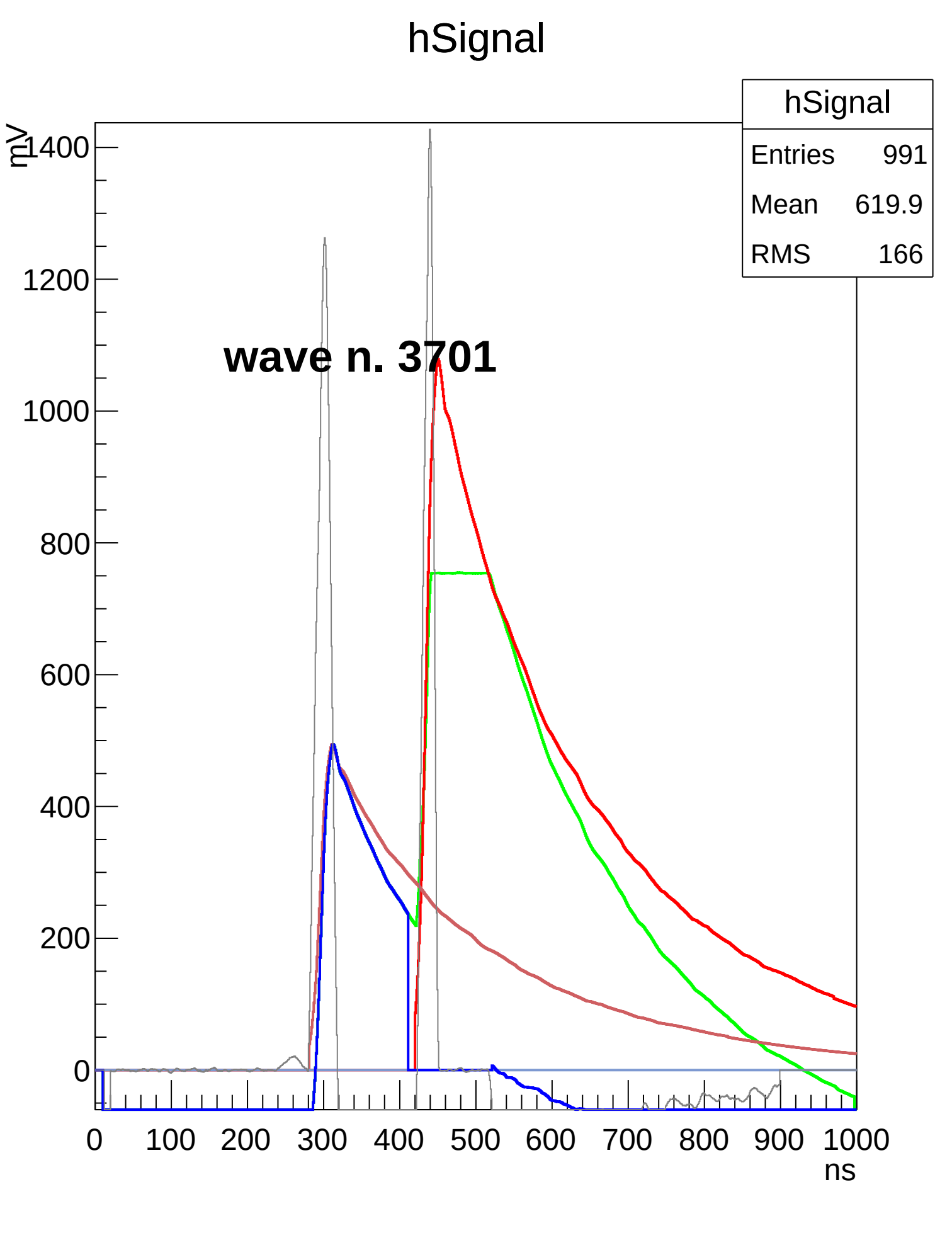
ns


hSignal
hSignal
Entries 991
Mean 619.9
RMS 166
wave n. 3701
mV
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1200
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600
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200
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0
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200
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400
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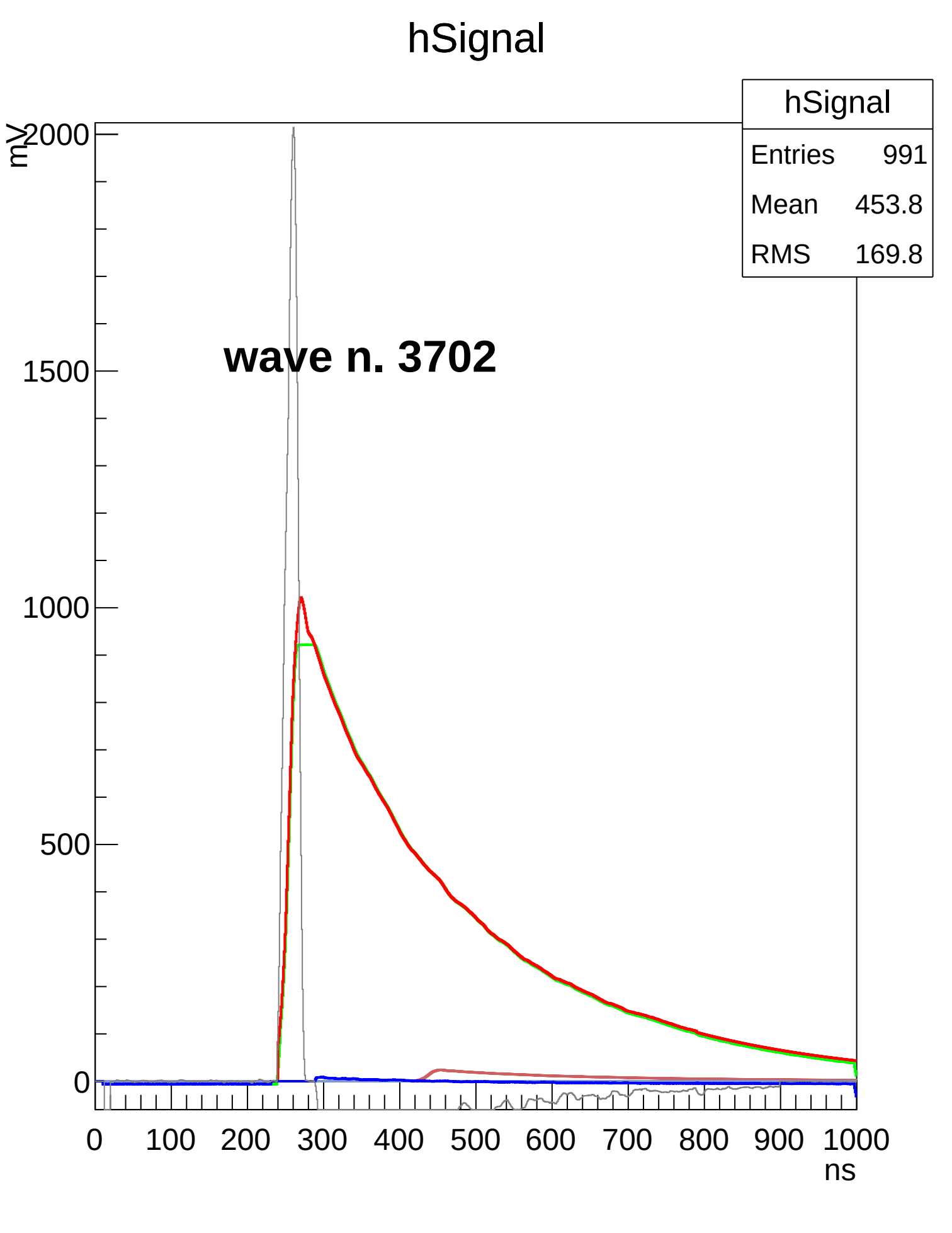
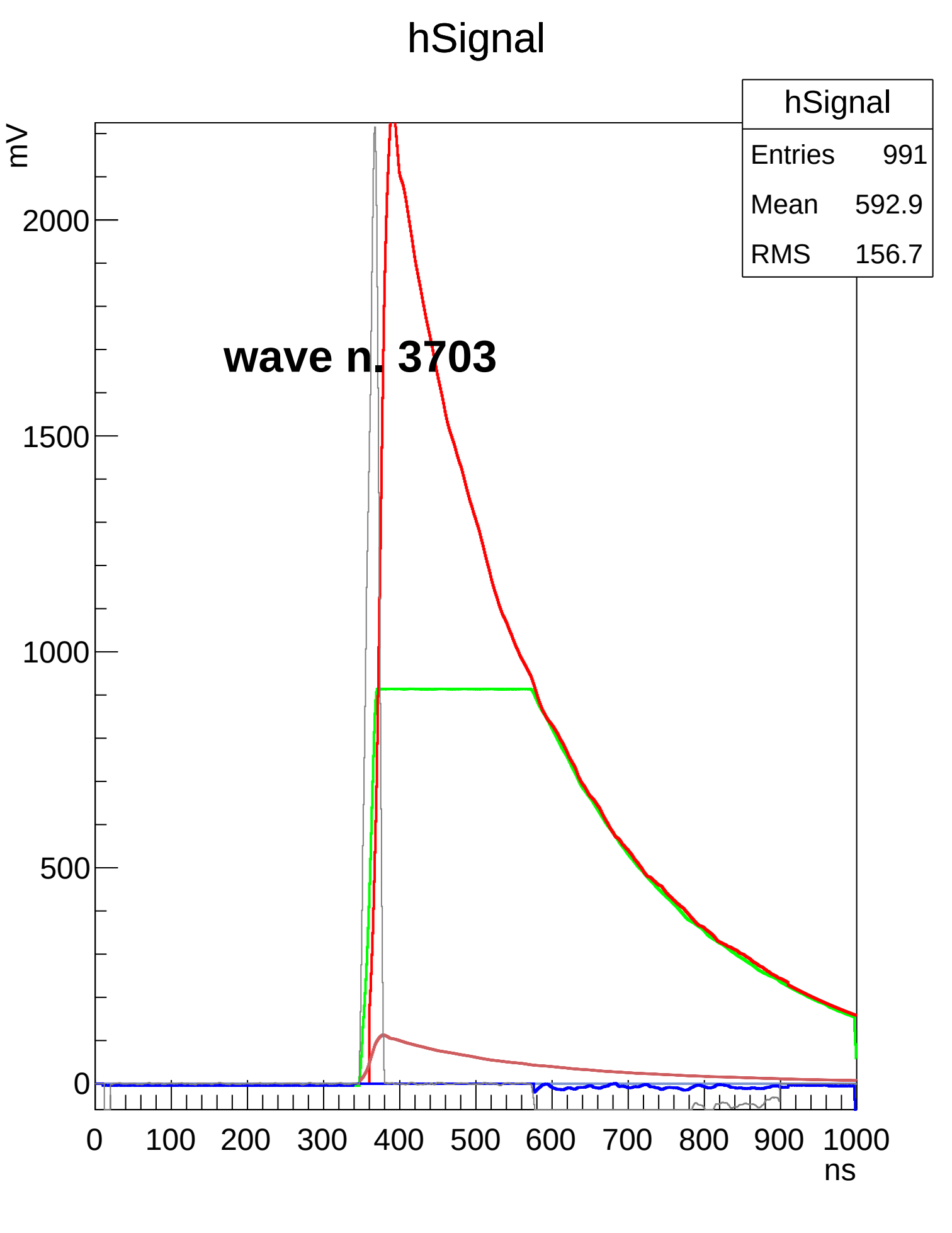
1000
ns


hSignal
hSignal
Entries 991
Mean 453.8
RMS 169.8
wave n. 3702
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 592.9
RMS 156.7
wave n. 3703
mV
2000
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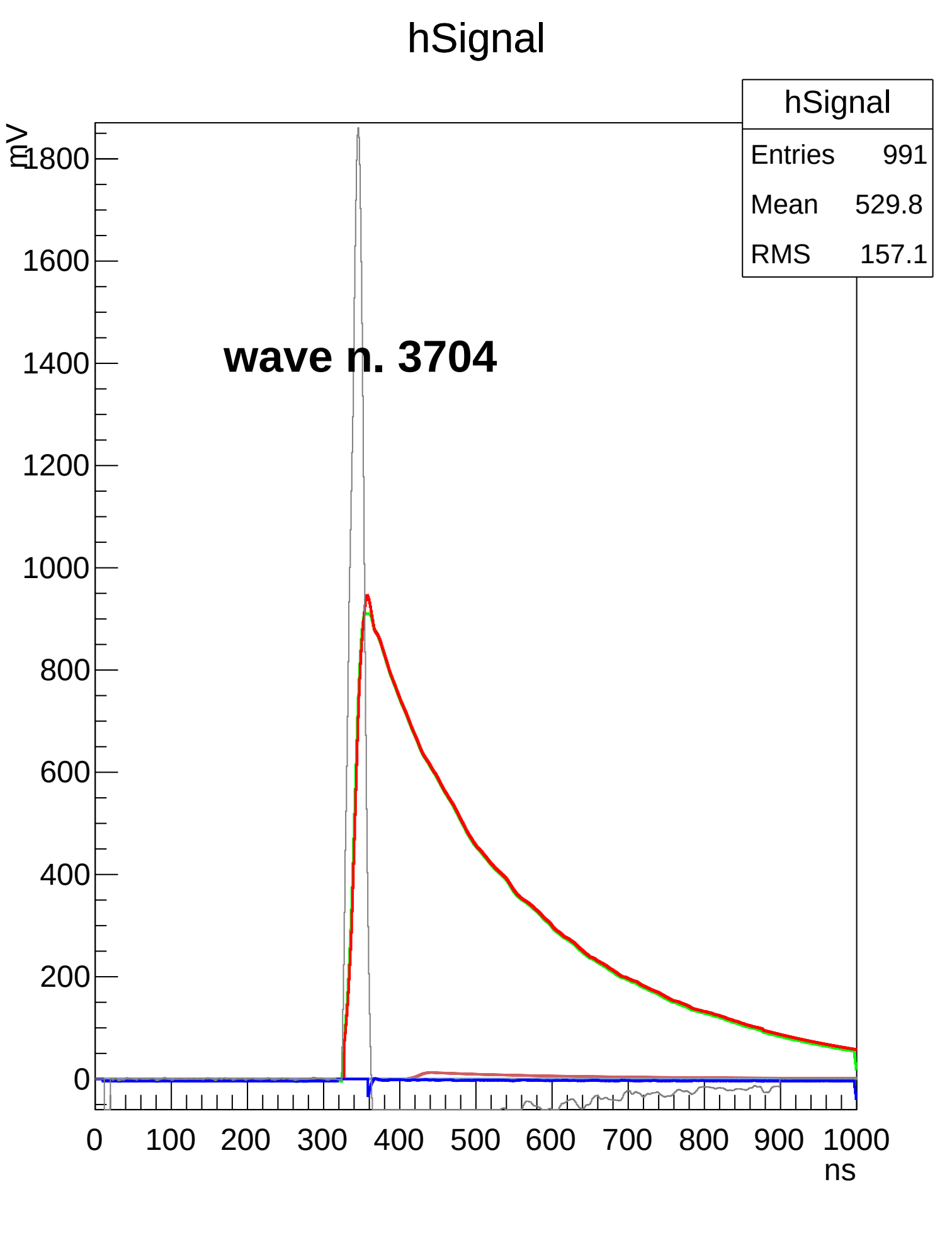
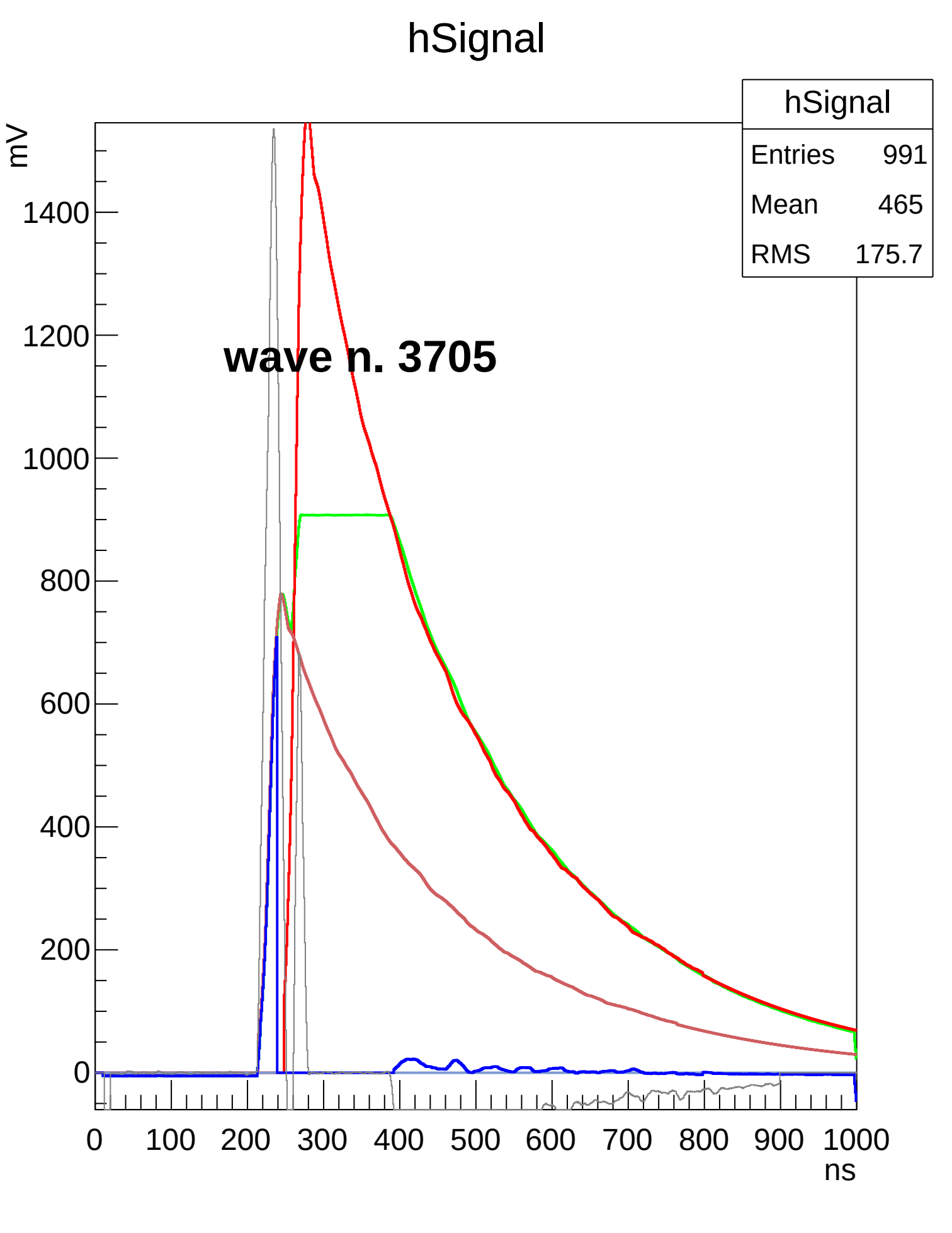
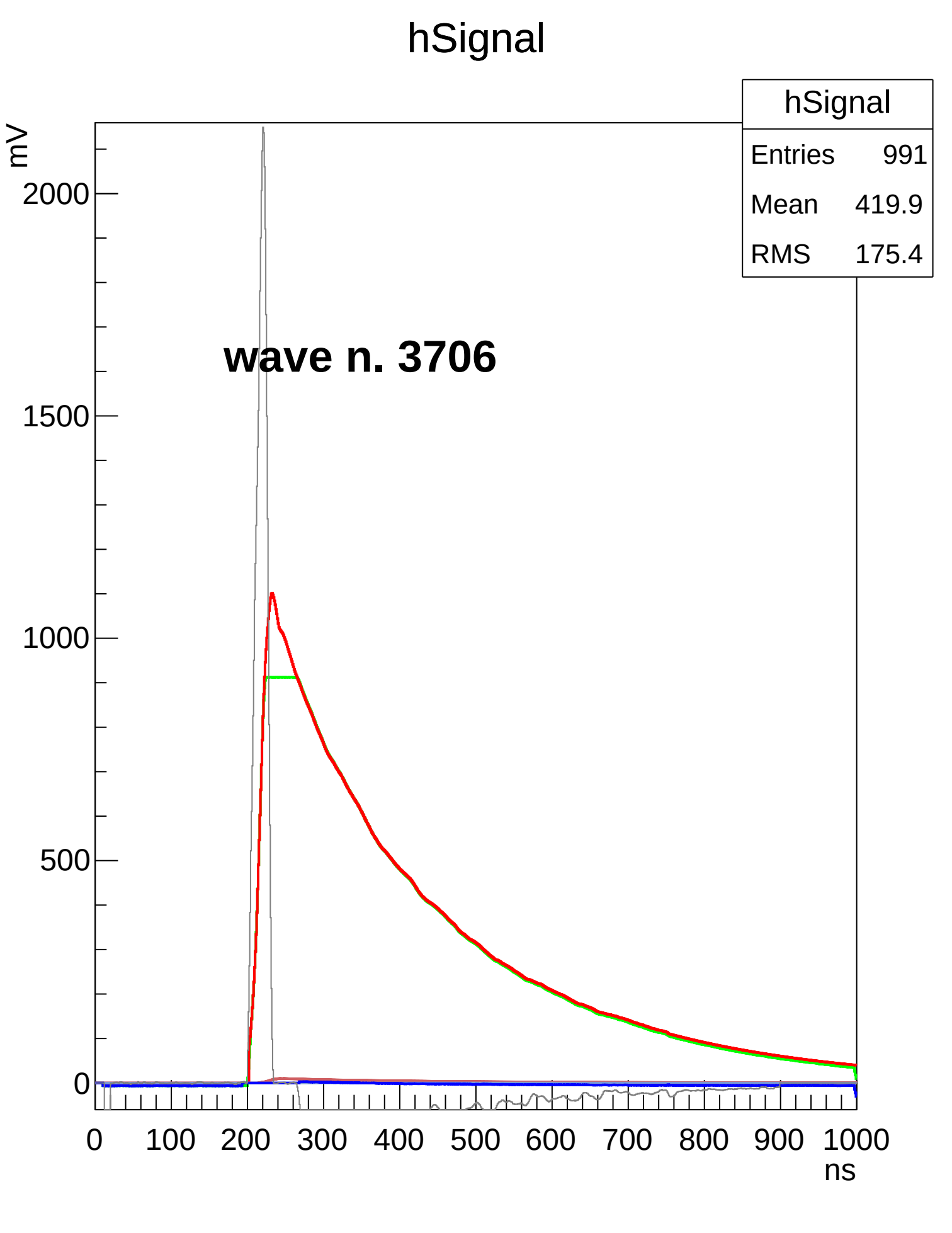
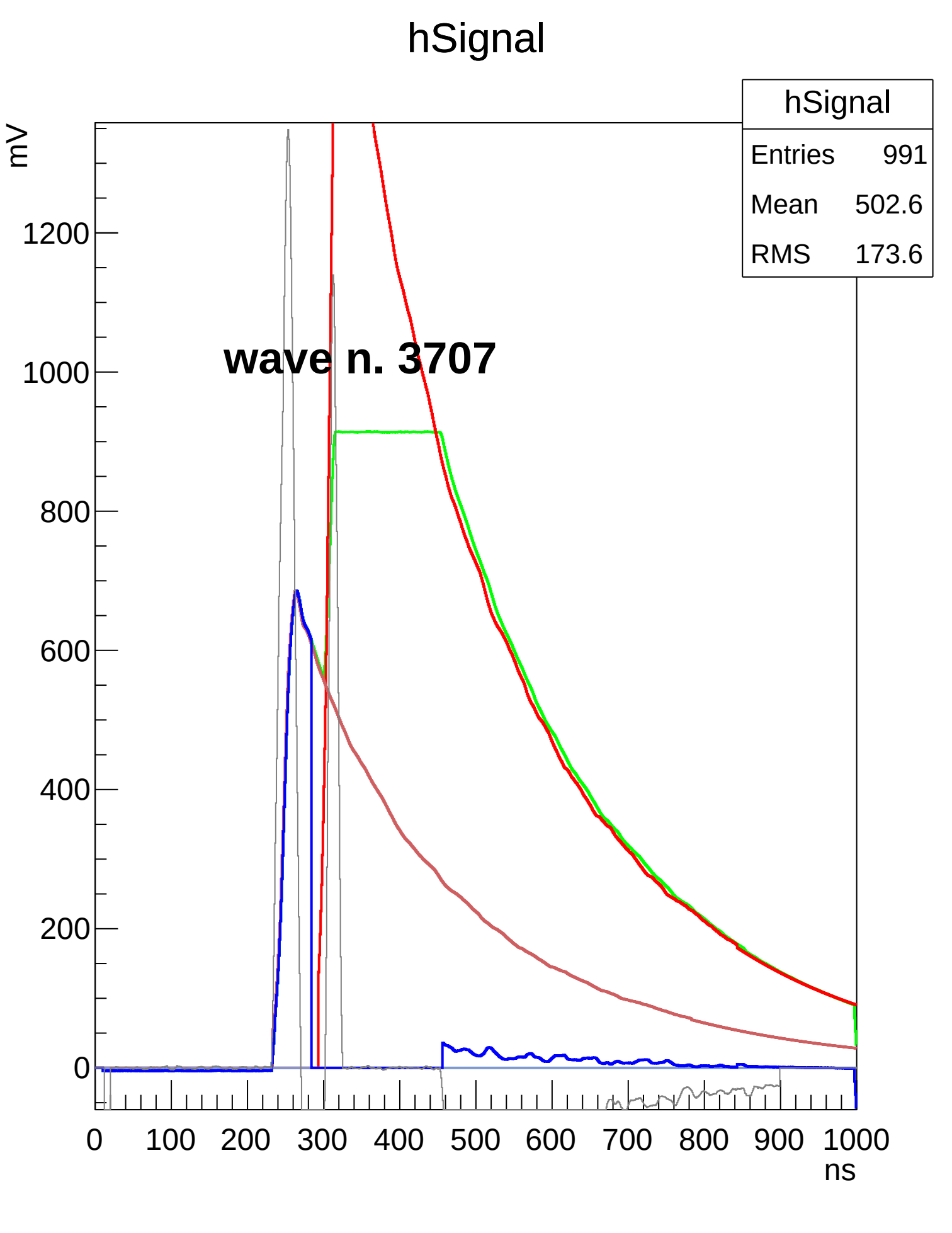
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 529.8
RMS 157.1
wave n. 3704
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 465
RMS 175.7
wave n. 3705
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 419.9
RMS 175.4
wave n. 3706
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 502.6
RMS 173.6
wave n. 3707
mV
1200
1000
800
600
400
200
0
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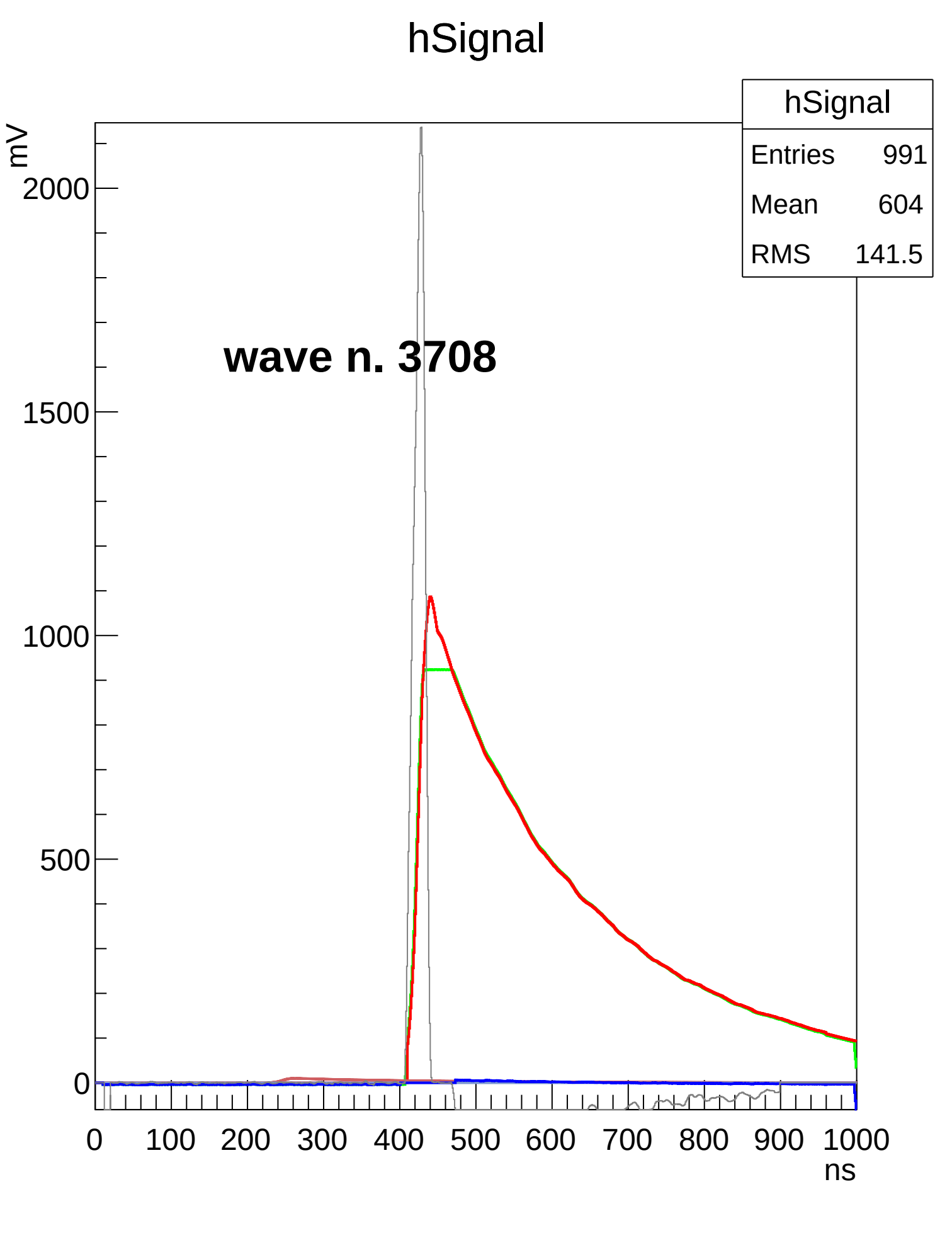
ns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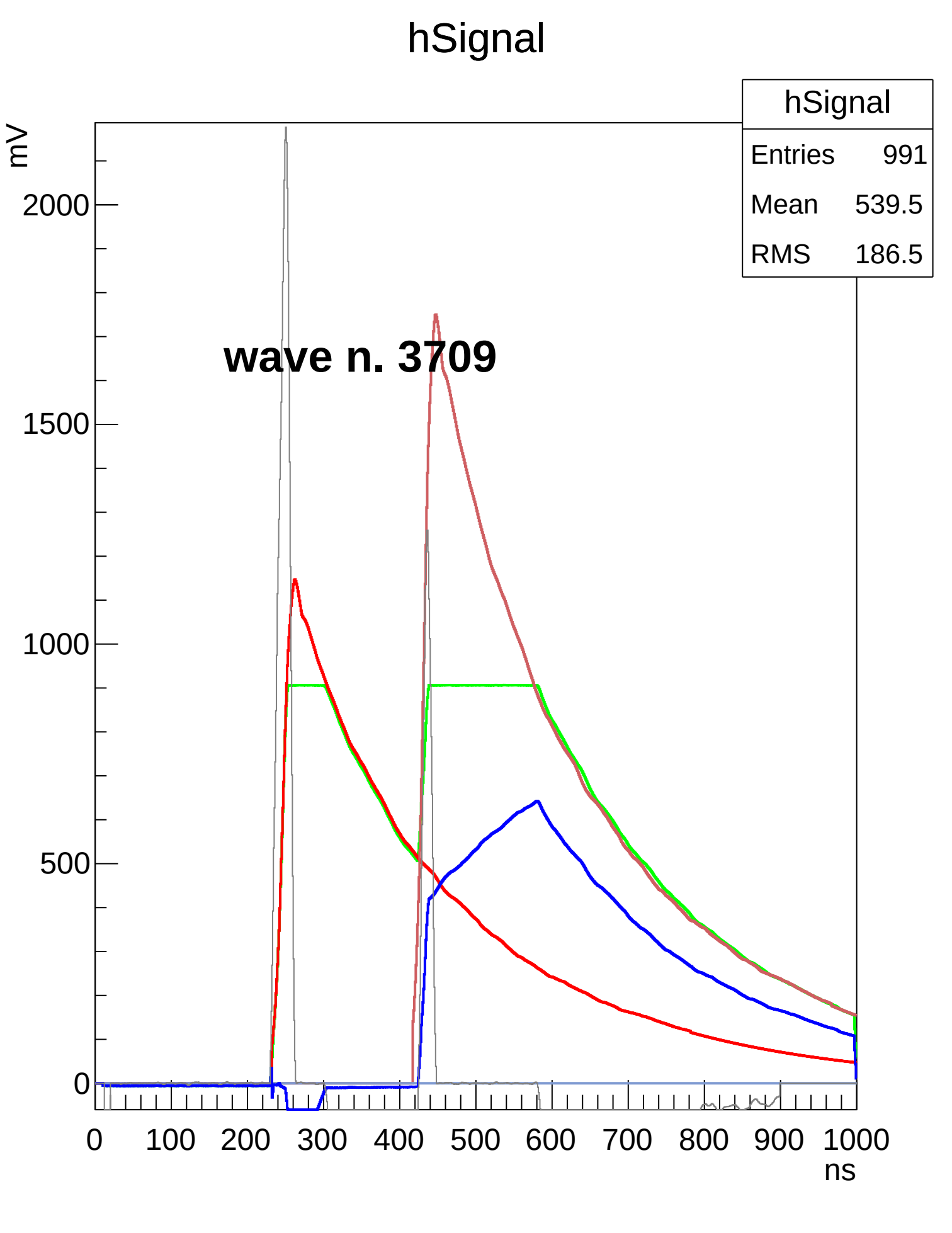
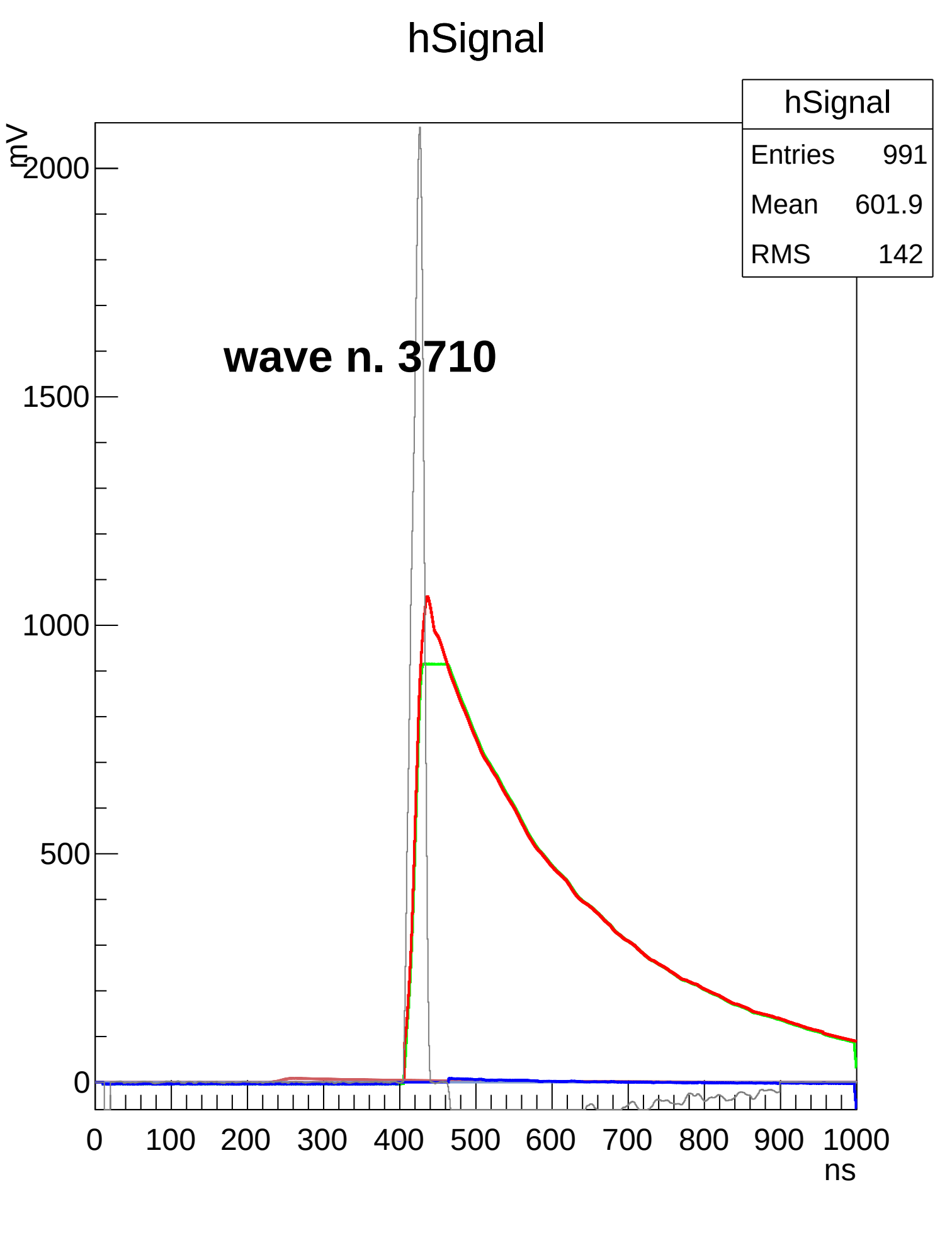
hSignal
Entries 991
Mean 604
RMS 141.5
wave n. 3708
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 539.5
RMS 186.5
wave n. 3709
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 601.9
RMS 142
wave n. 3710
mV
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1500
1000
500
0
0
100
200
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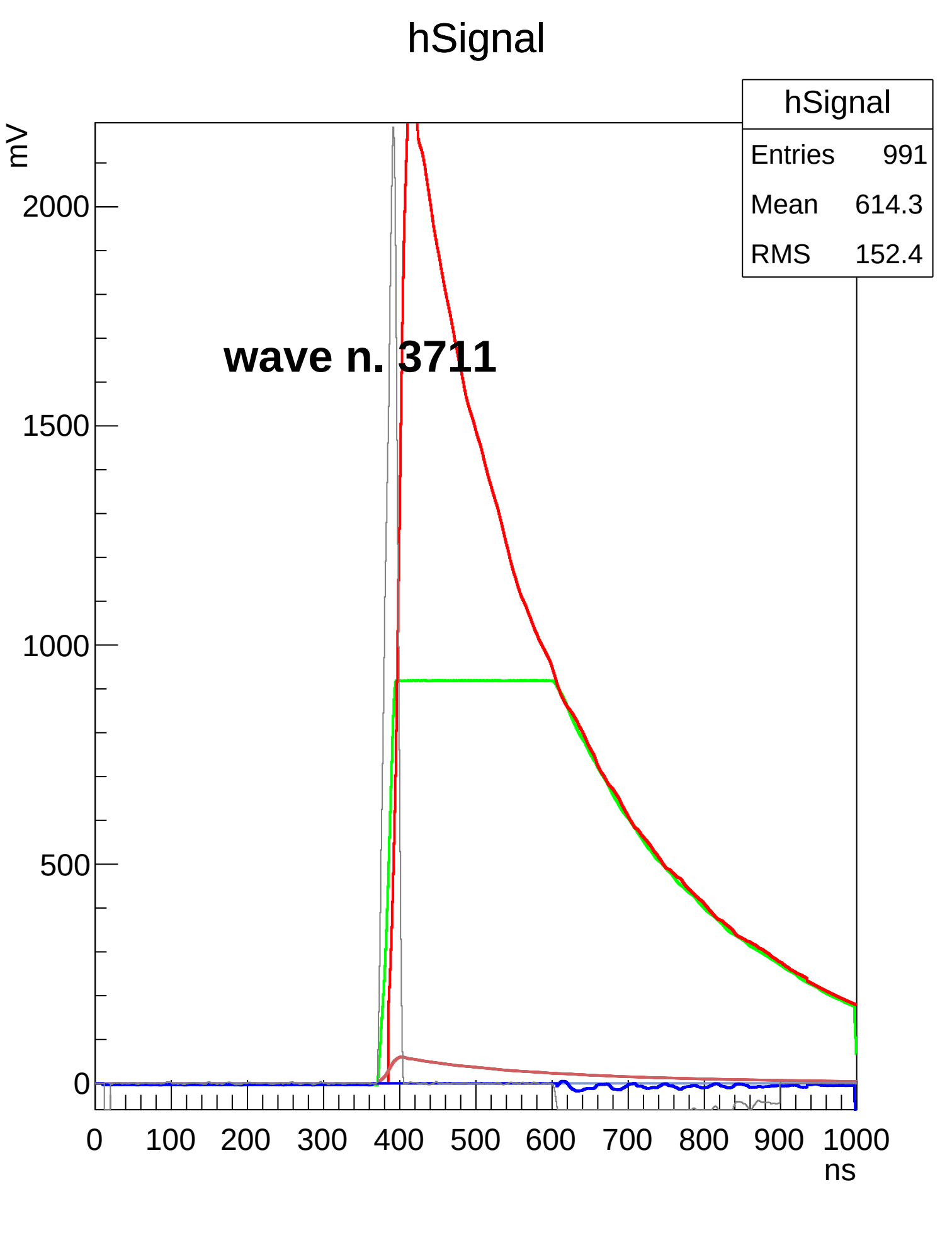
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 614.3
RMS 152.4
wave n. 3711
mV
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1500
1000
500
0
0
100
200
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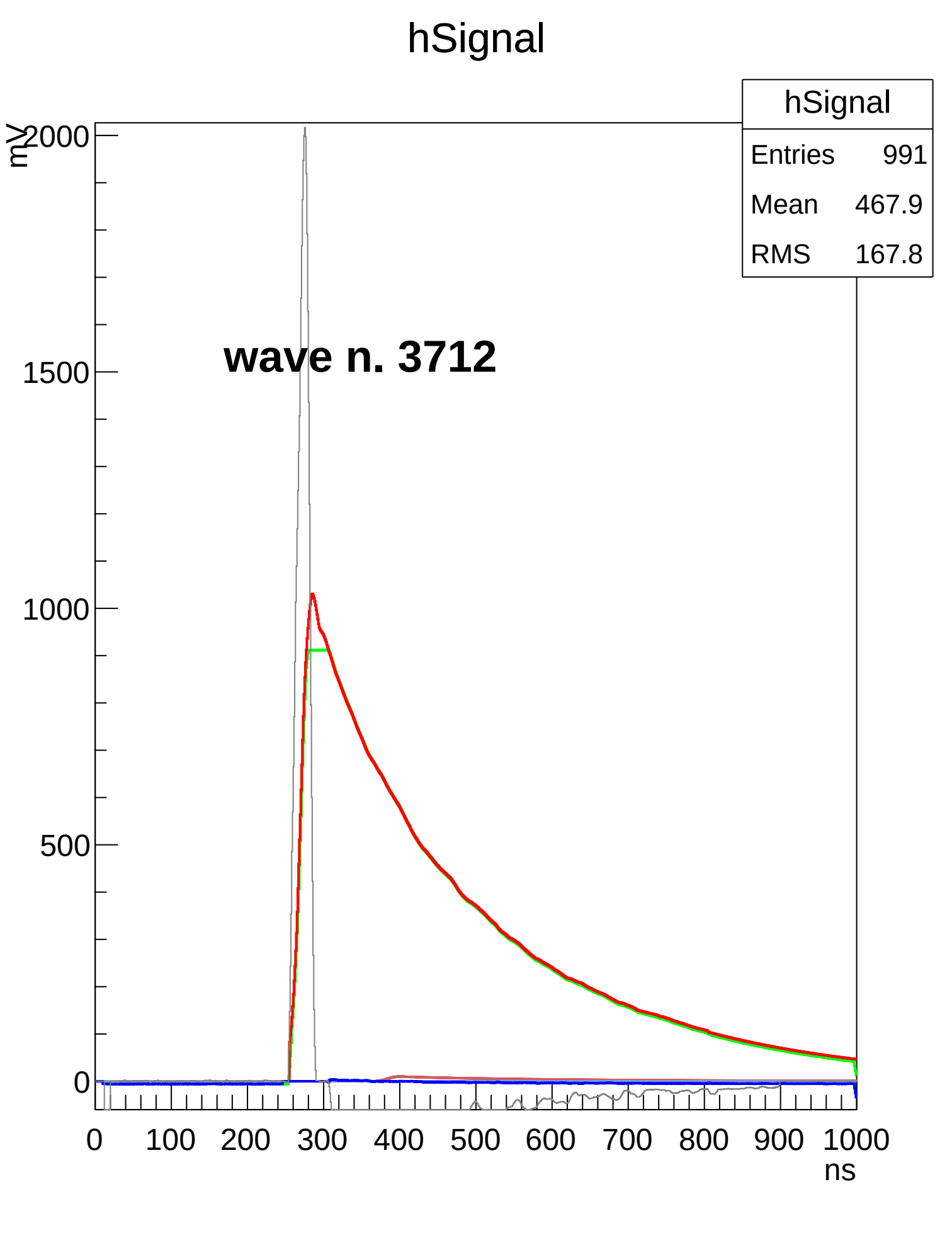
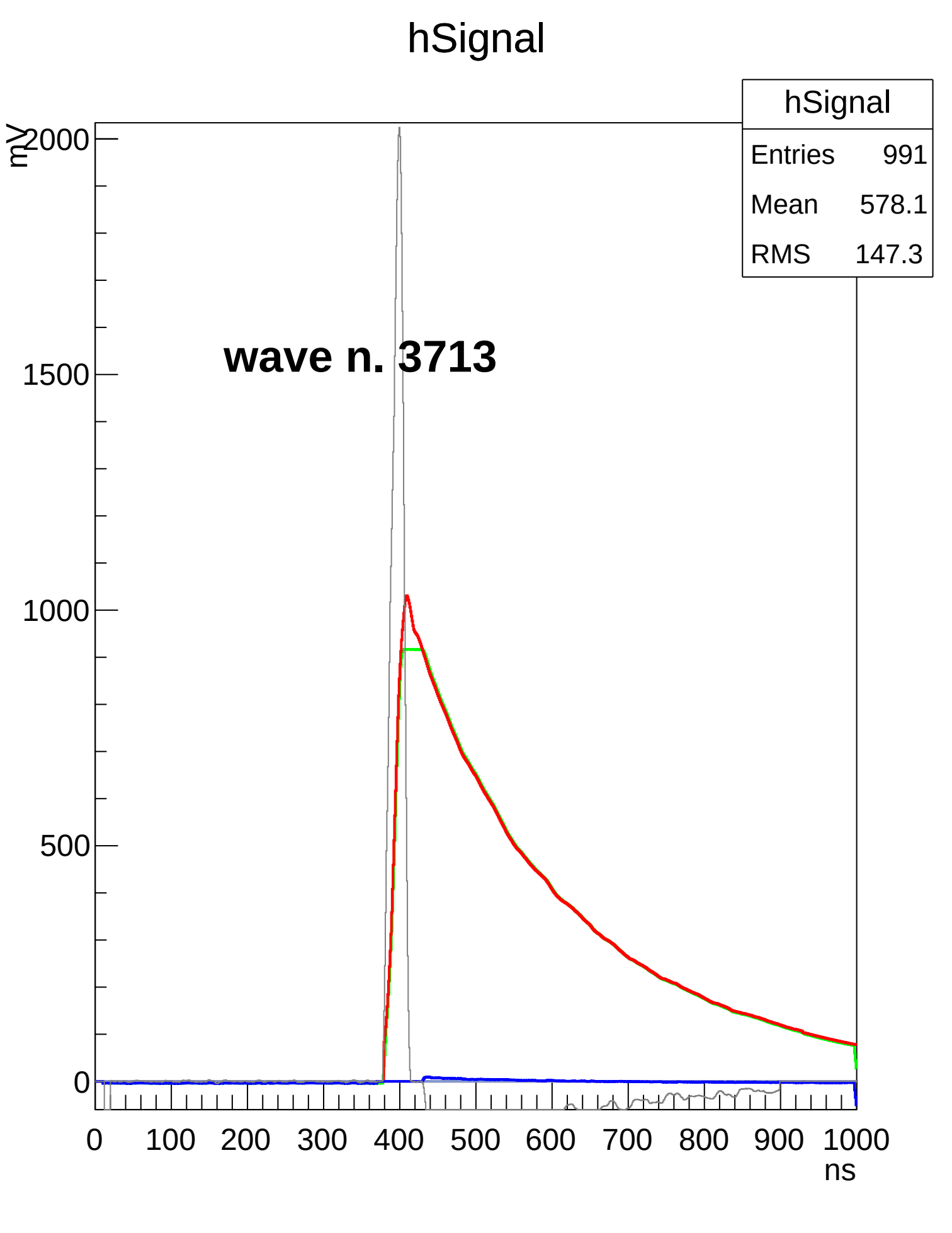
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 467.9
RMS 167.8
wave n. 3712
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 578.1
RMS 147.3
wave n. 3713
mV
2000
1500
1000
500
0
0
100
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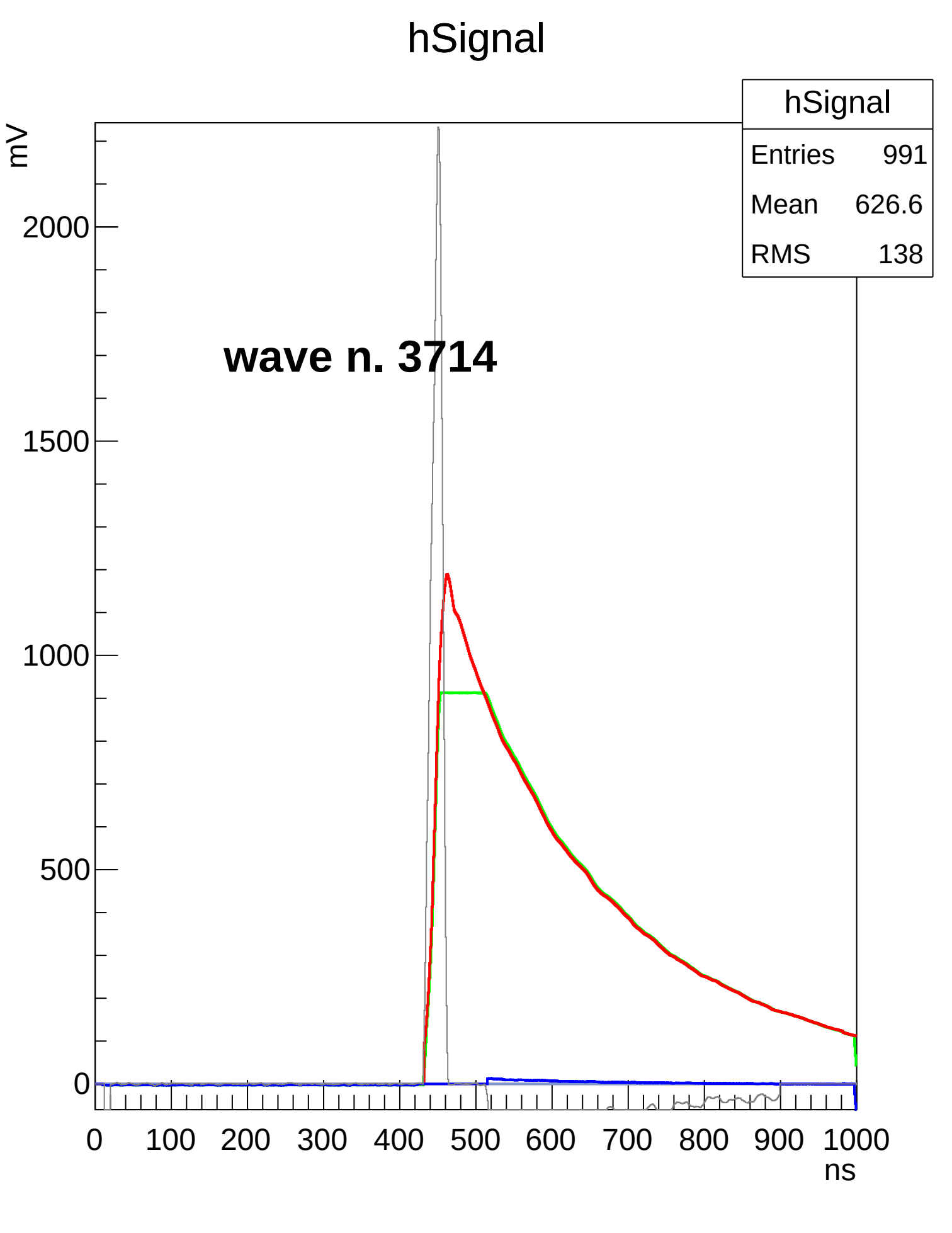
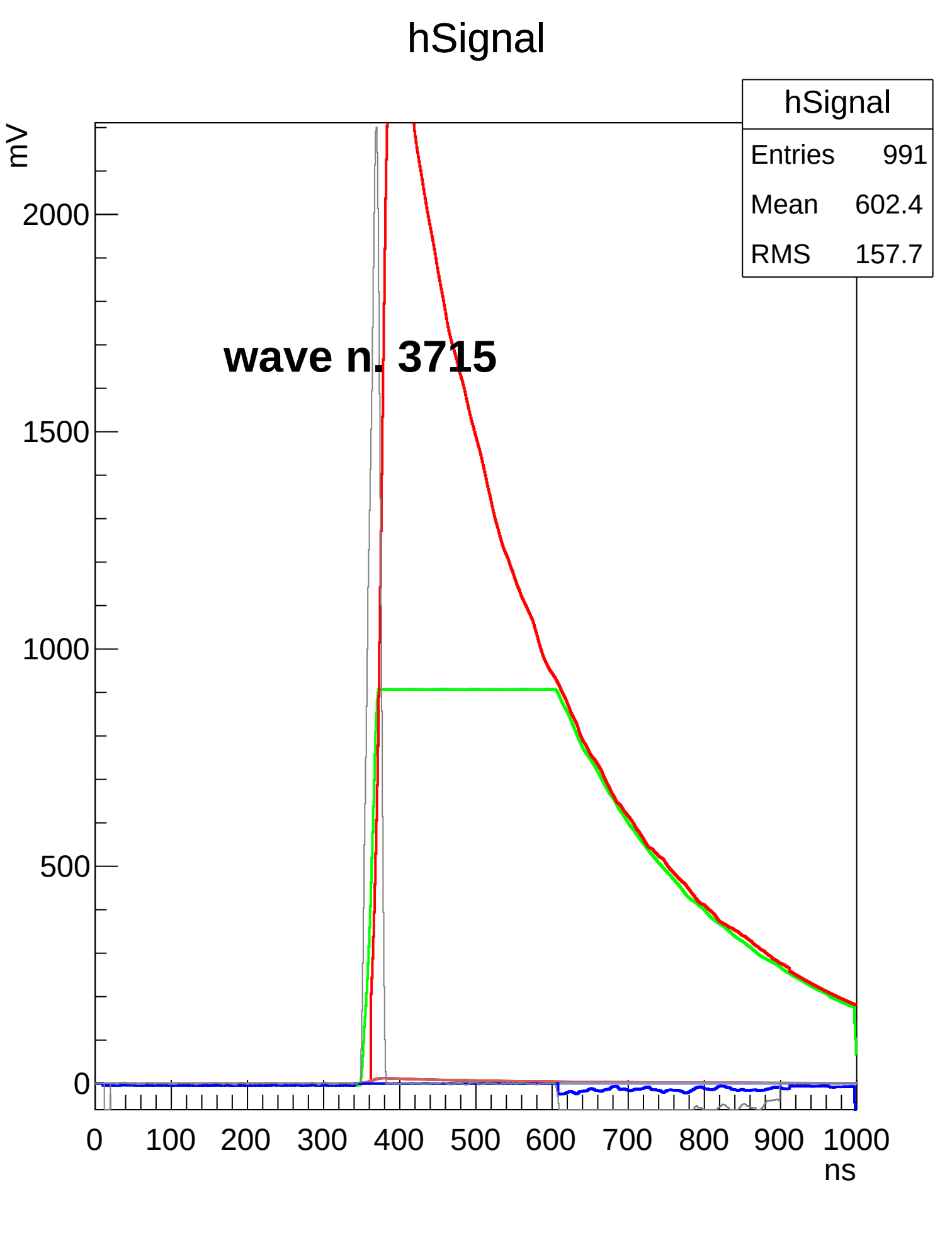
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 626.6
RMS 138
wave n. 3714
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 602.4
RMS 157.7
wave n. 3715
mV
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1000
500
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0
100
200
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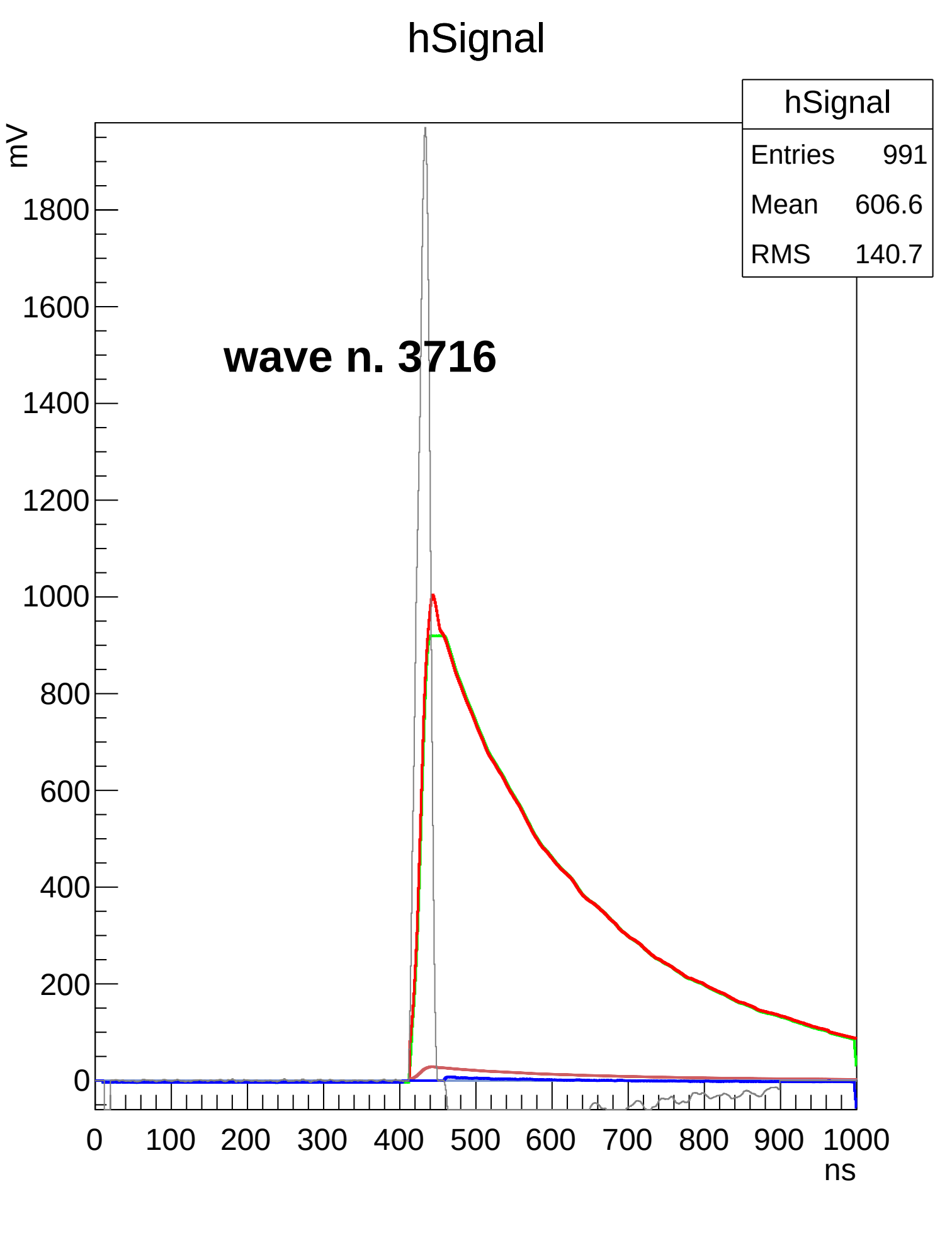
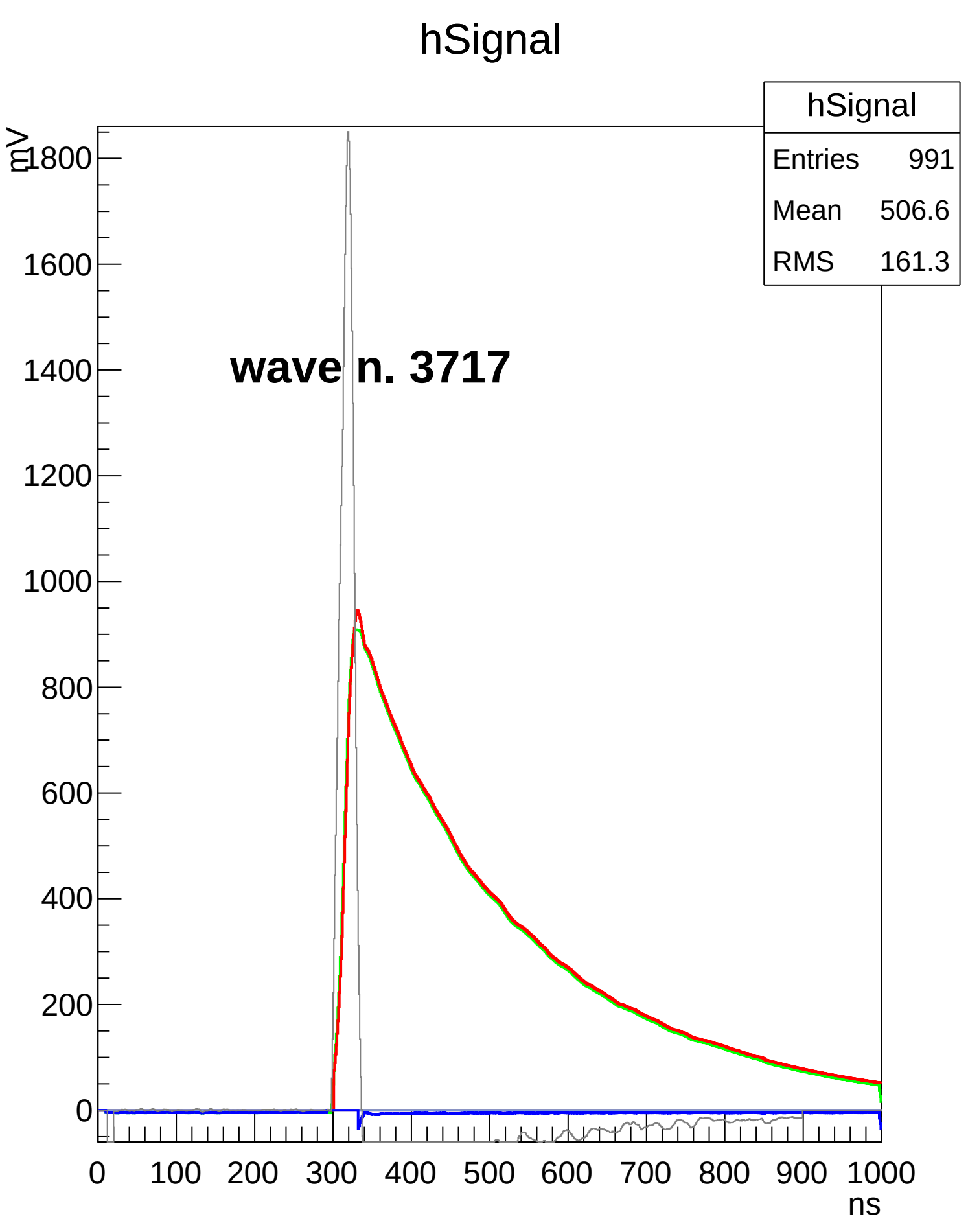
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 606.6
RMS 140.7
wave n. 3716
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 506.6
RMS 161.3
wave n. 3717
mV
1800
1600
1400
1200
1000
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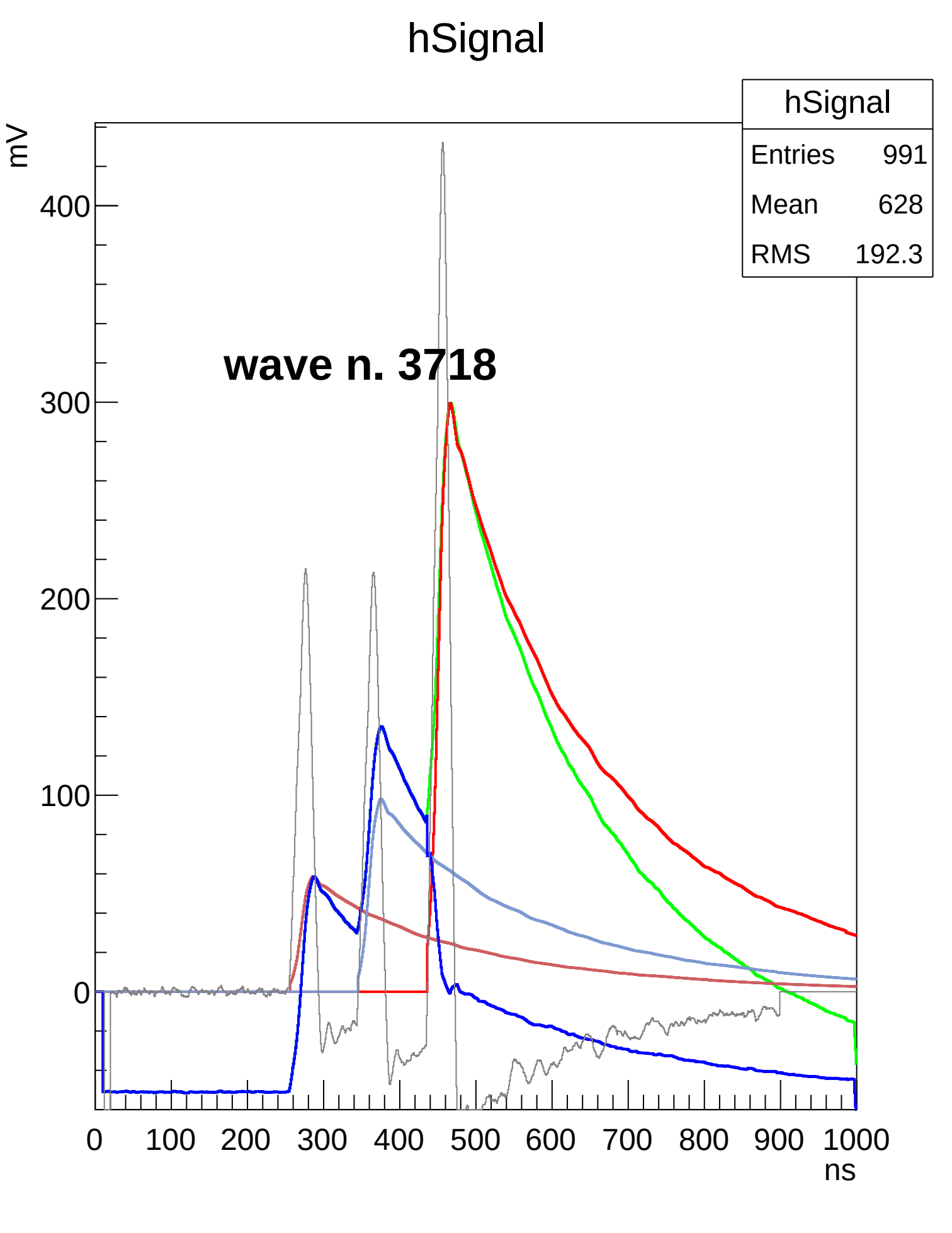
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 628
RMS 192.3
wave n. 3718
mV
400
300
200
100
0
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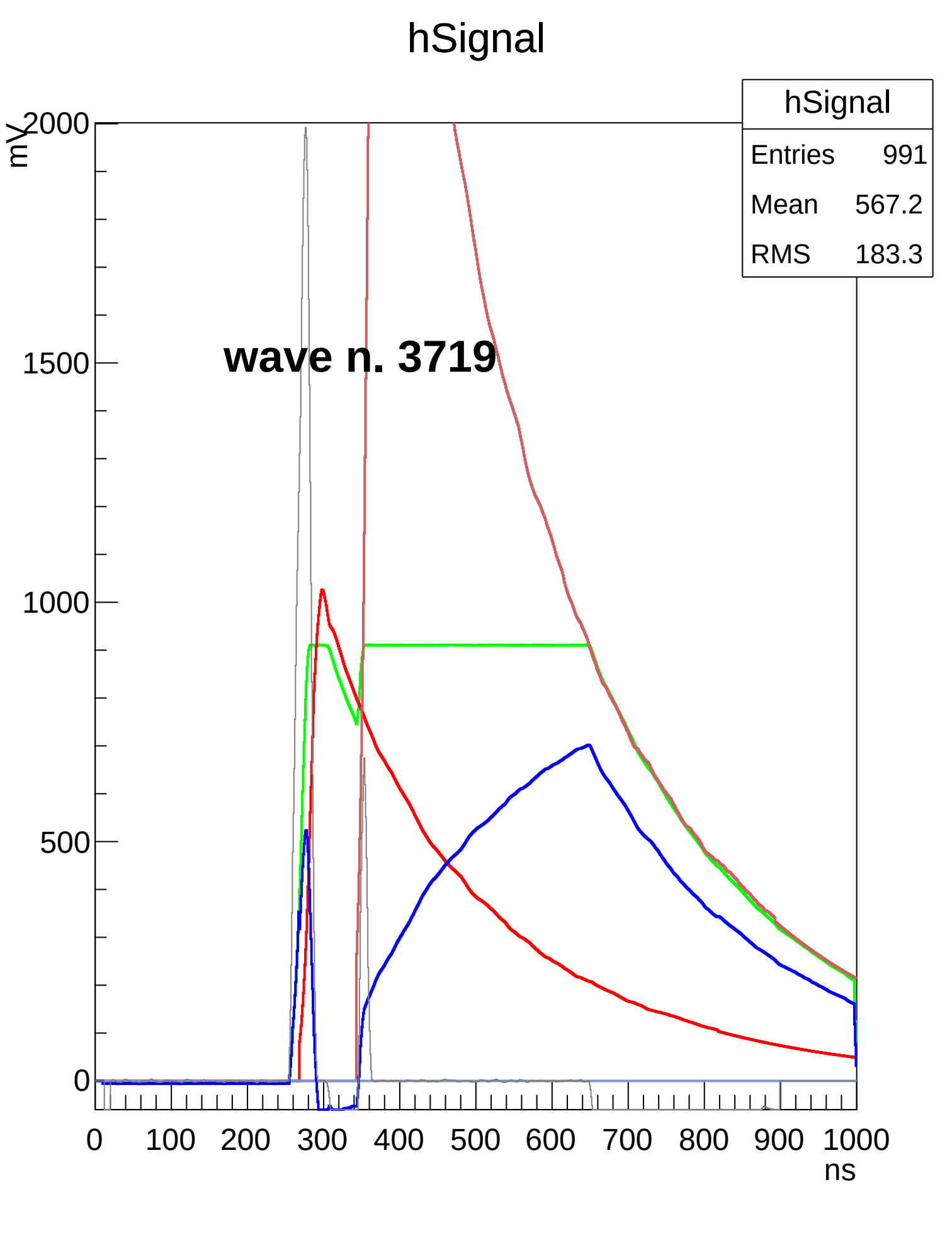
ns


hSignal
hSignal
Entries 991
Mean 567.2
RMS 183.3
wave n. 3719
mV
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1500
1000
500
0
0
100
200
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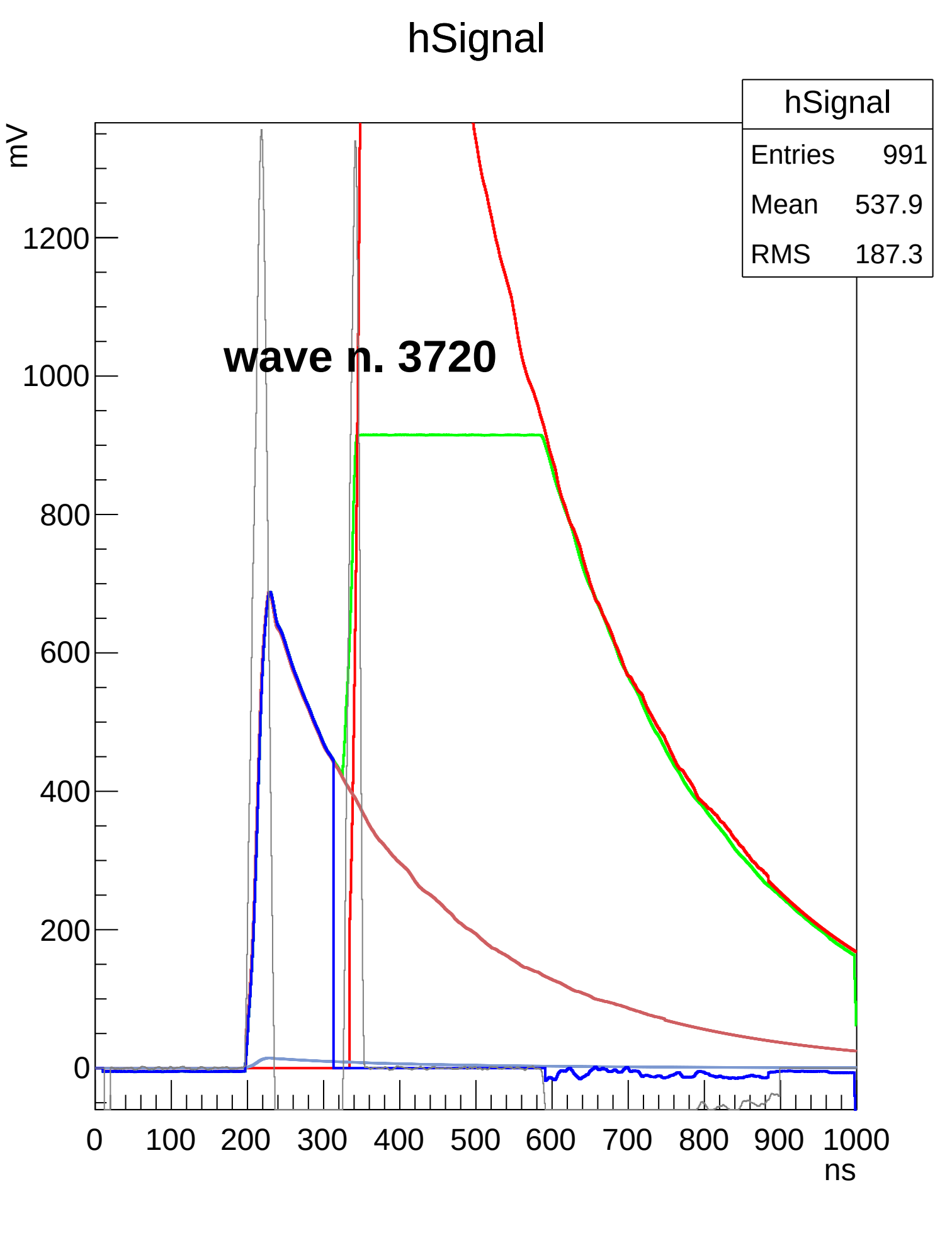
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 537.9
RMS 187.3
wave n. 3720
mV
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800
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400
200
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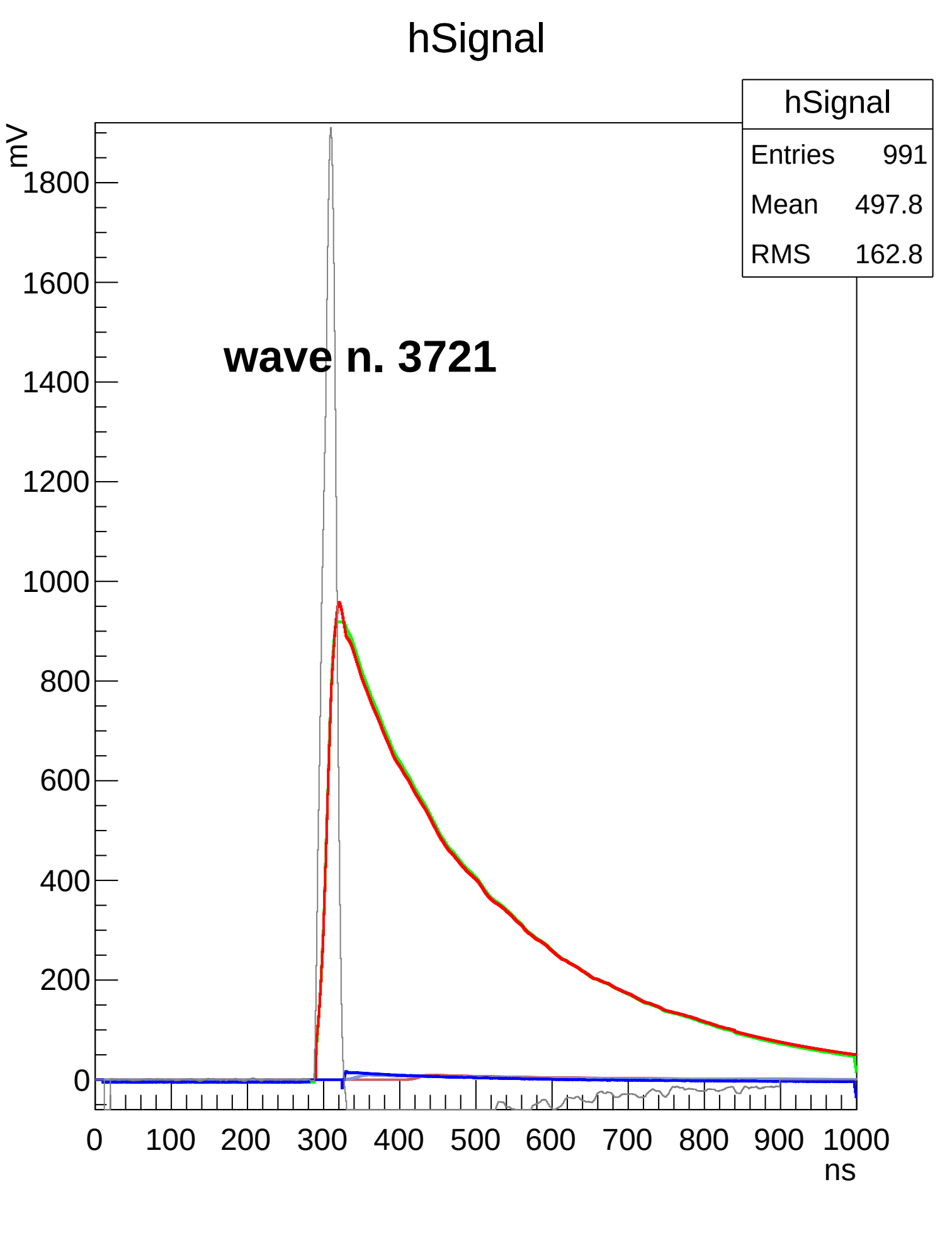
ns


hSignal
hSignal
Entries 991
Mean 497.8
RMS 162.8
wave n. 3721
mV
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1600
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1000
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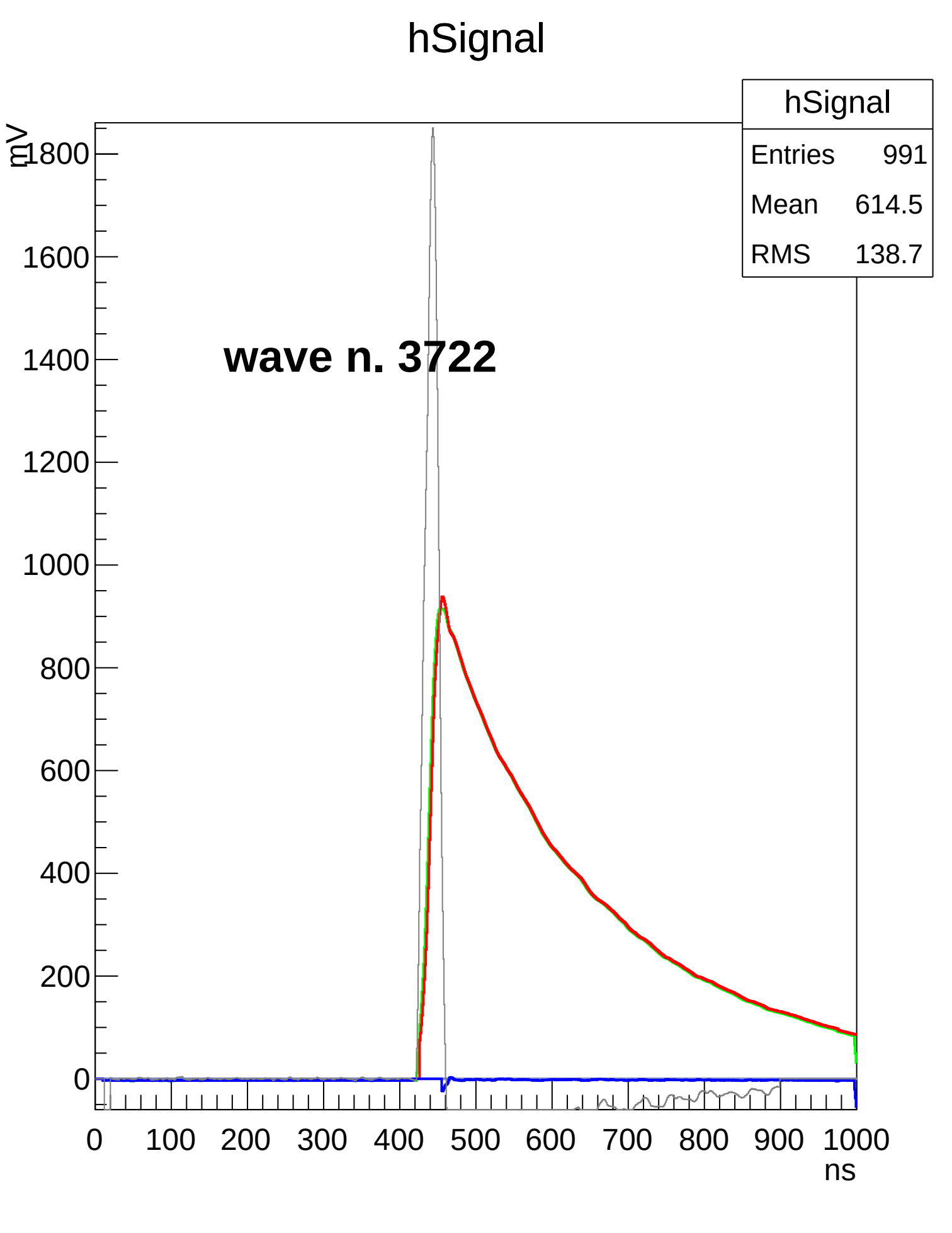
hSignal
hSignal
Entries 991
Mean 614.5
RMS 138.7
wave n. 3722
mV
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1200
1000
800
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400
200
0
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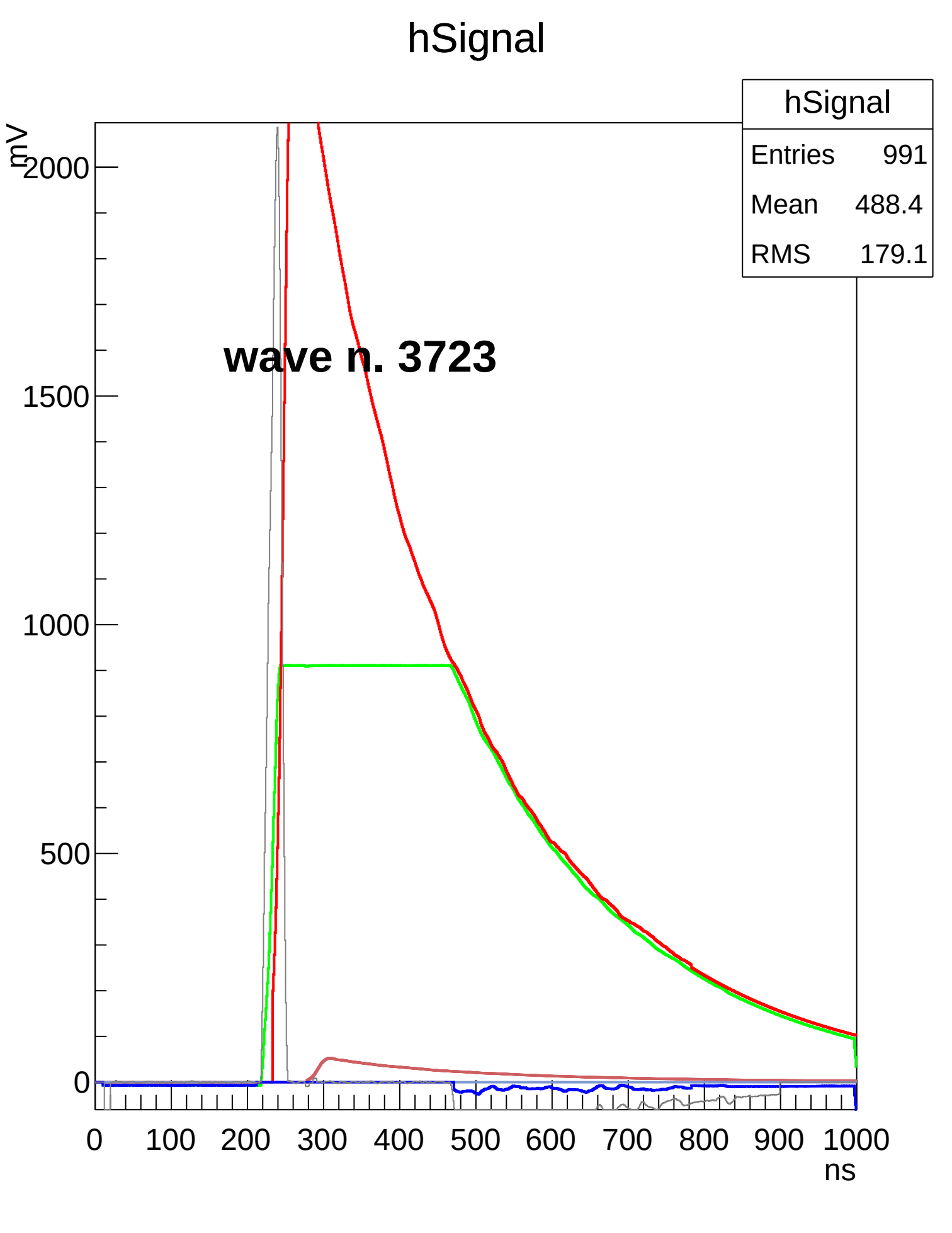
ns


hSignal
hSignal
Entries 991
Mean 488.4
RMS 179.1
wave n. 3723
mV
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1500
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500
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0
100
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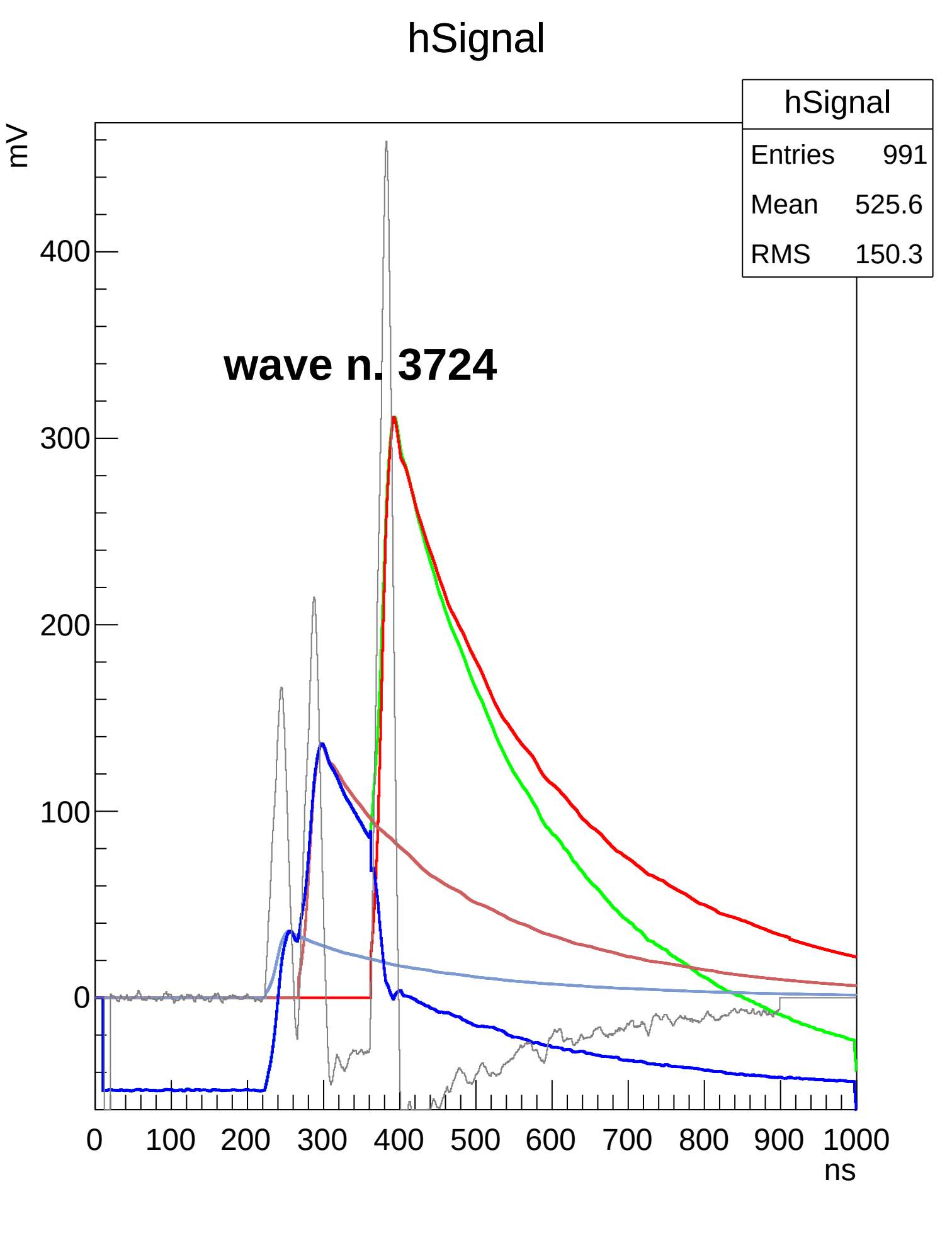
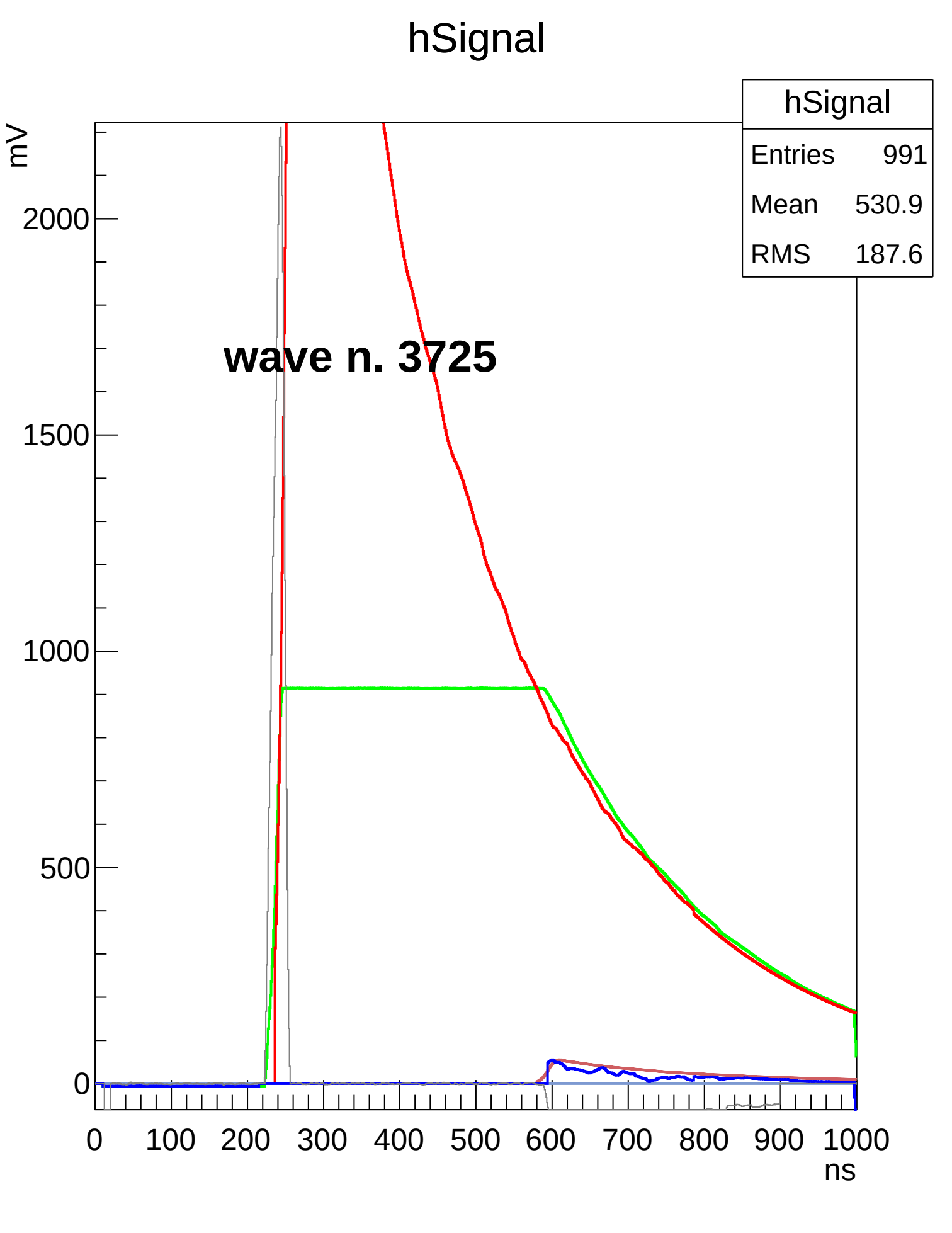
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 525.6
RMS 150.3
wave n. 3724
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 530.9
RMS 187.6
wave n. 3725
mV
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1000
500
0
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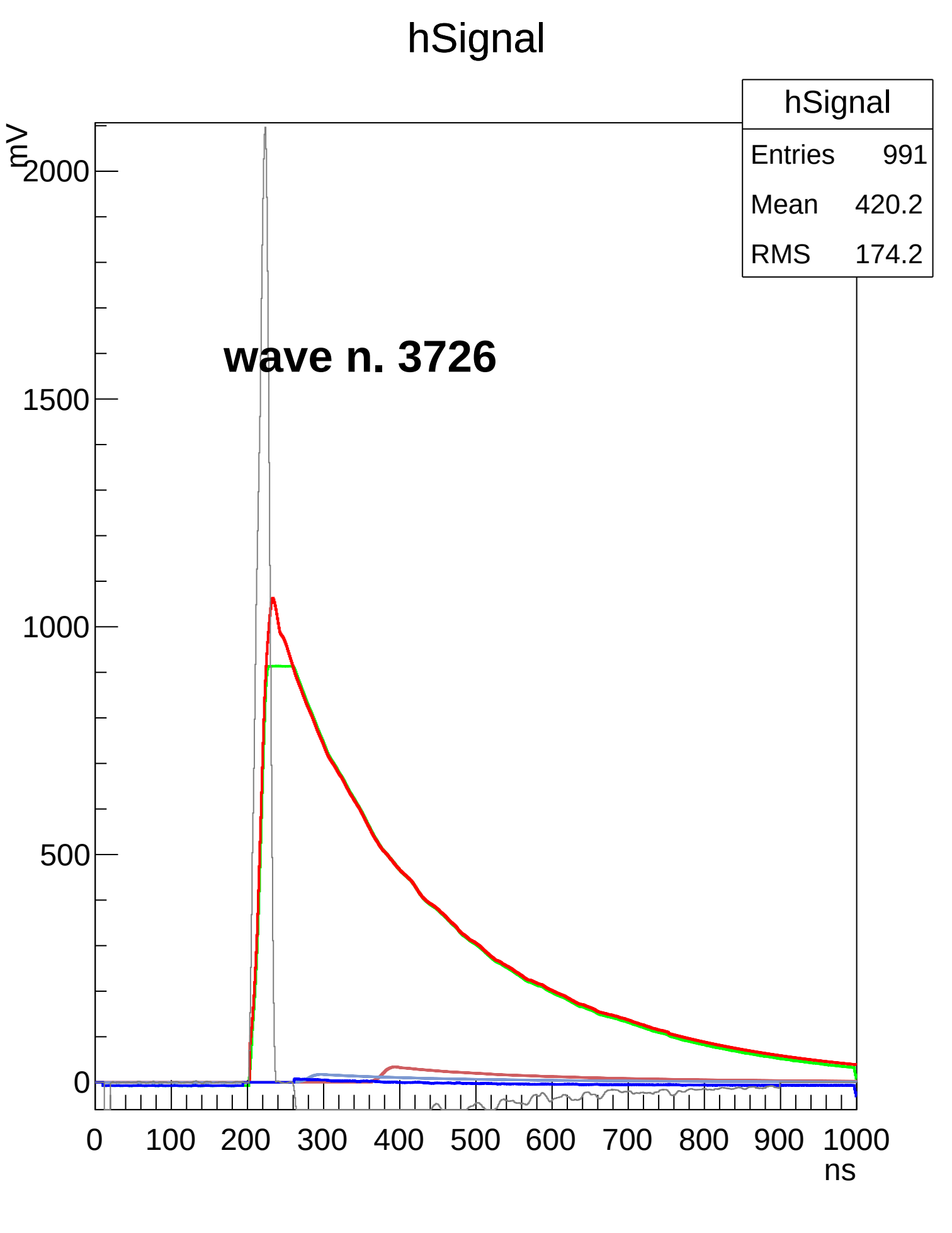
ns


hSignal
hSignal
Entries 991
Mean 420.2
RMS 174.2
wave n. 3726
mV
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1500
1000
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0
0
100
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400
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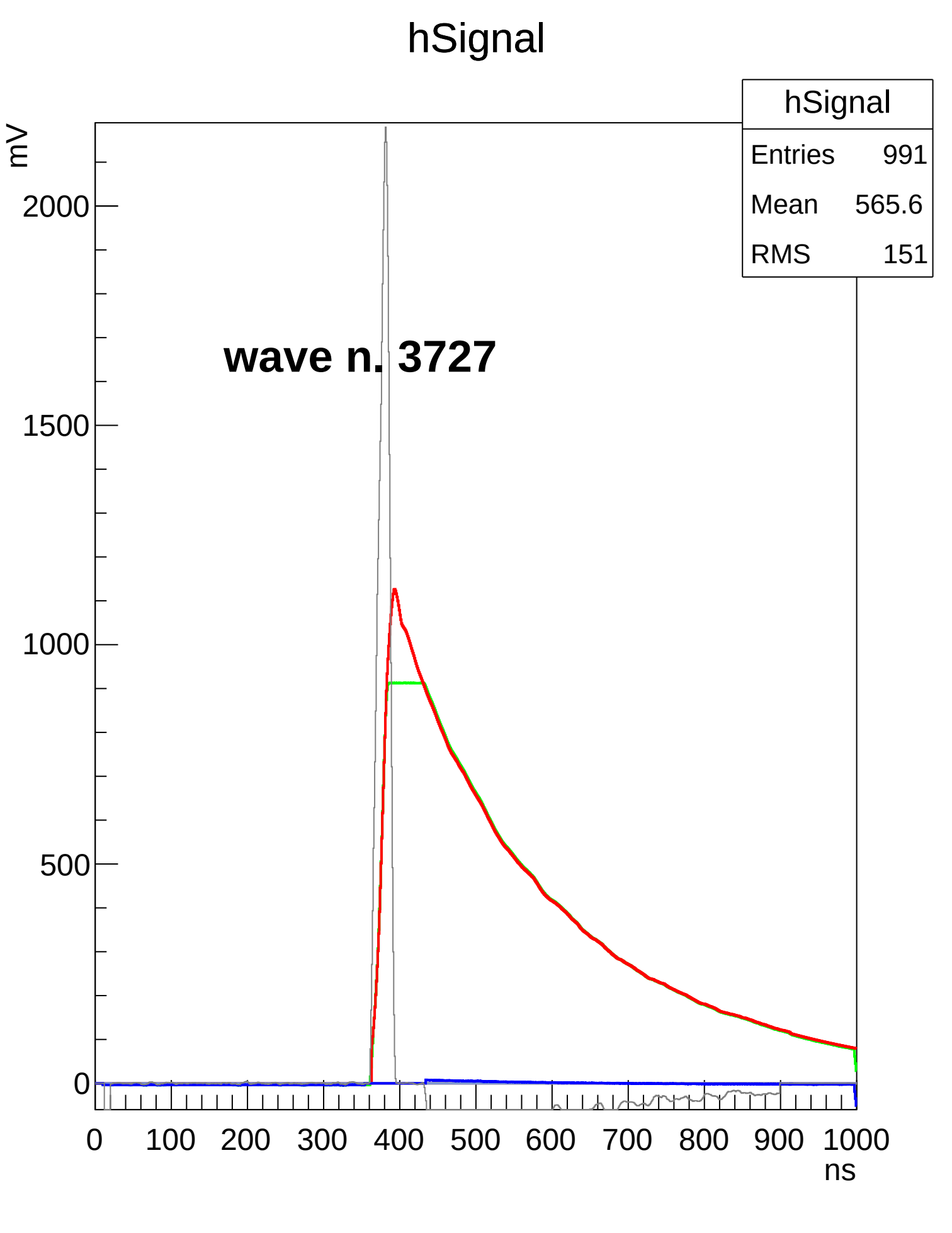
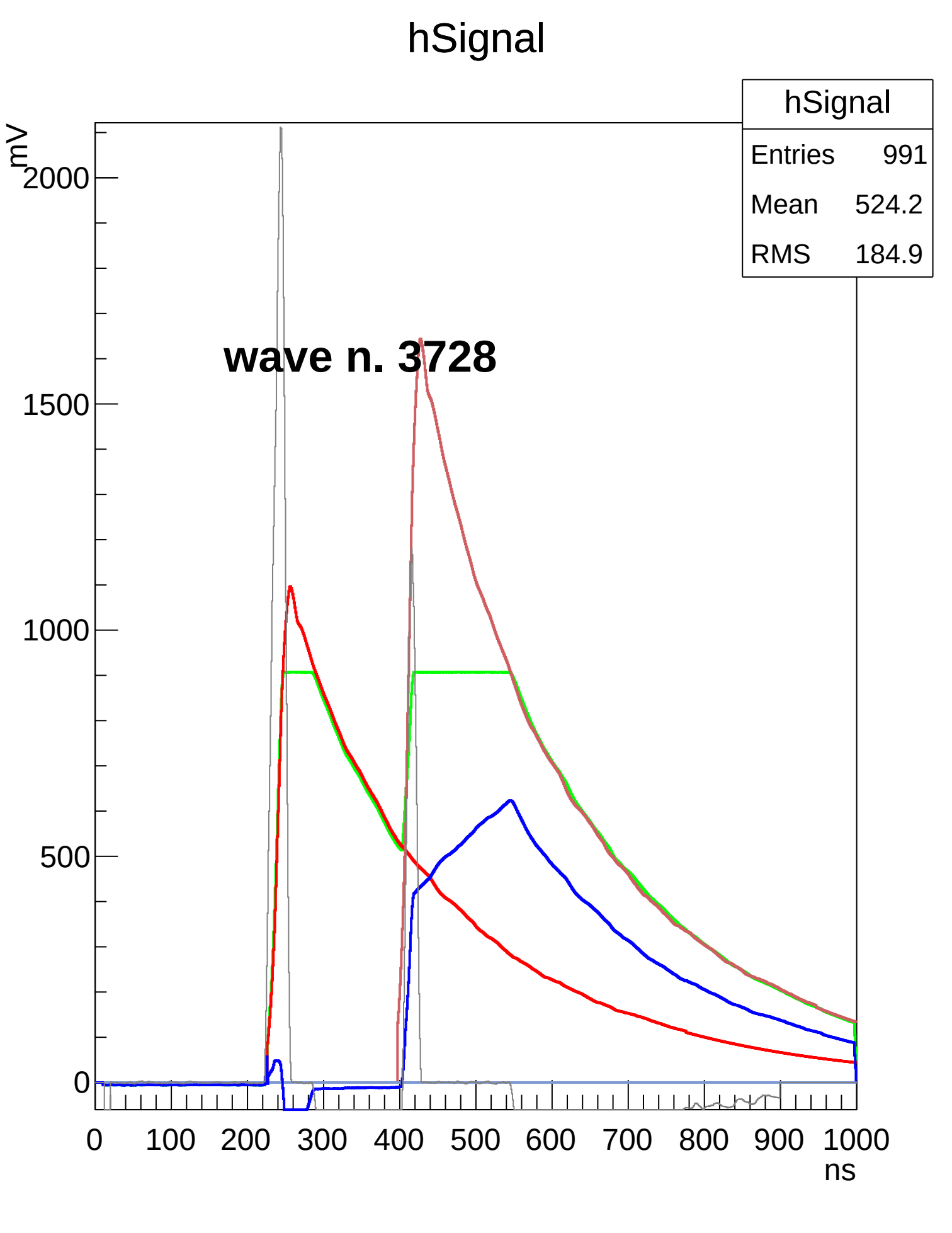
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.6
RMS 151
wave n. 3727
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 524.2
RMS 184.9
wave n. 3728
mV
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1500
1000
500
0
0
100
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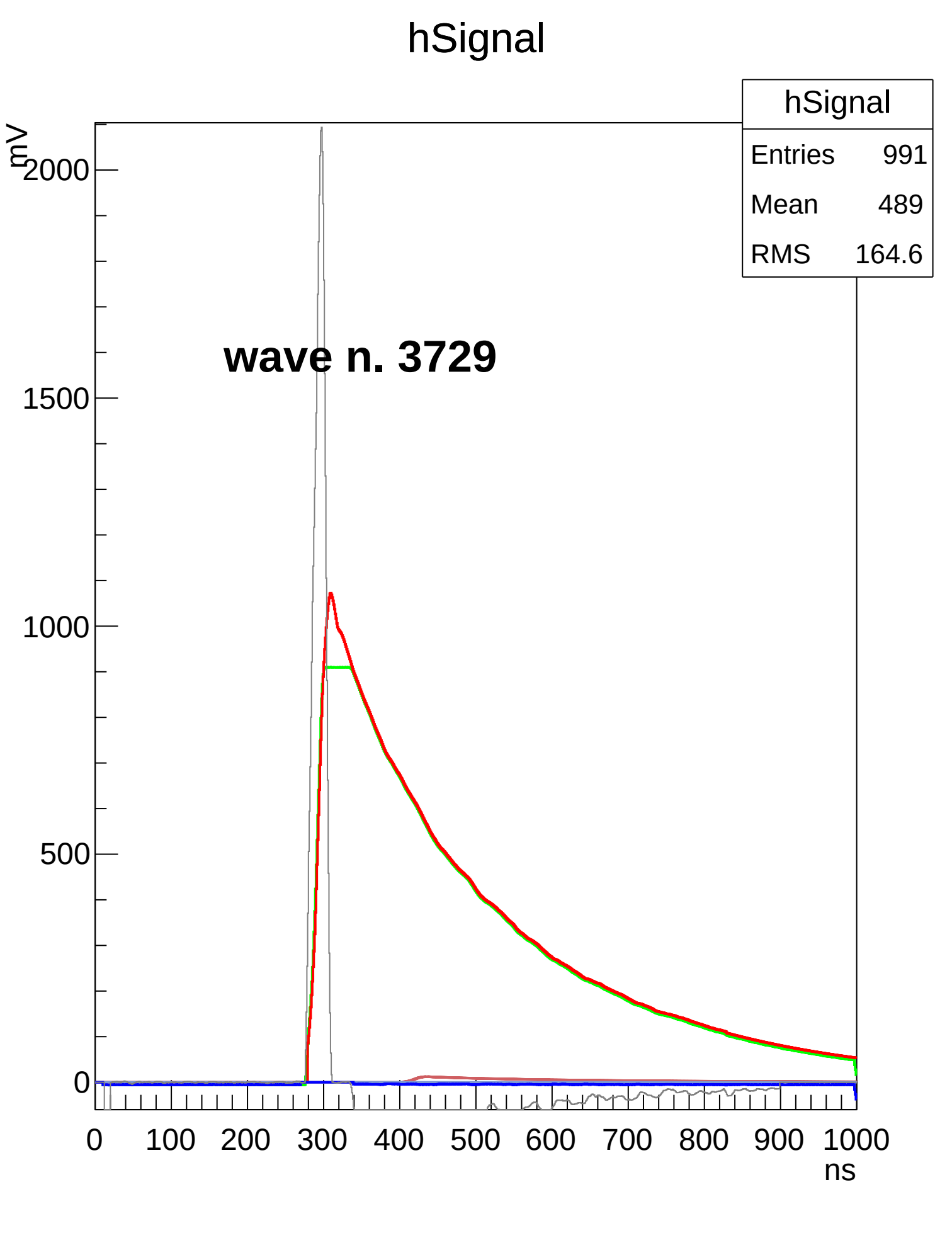
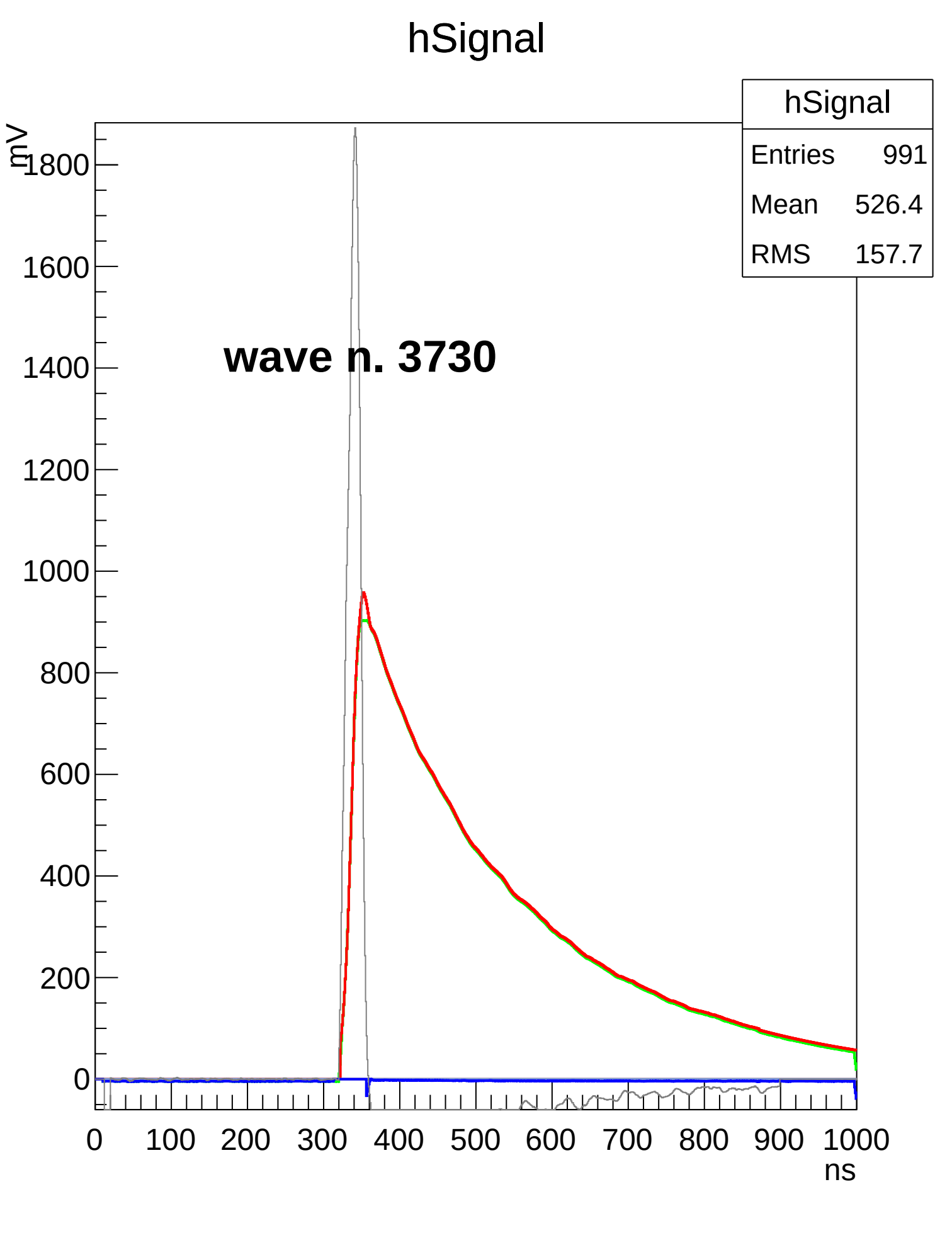
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 489
RMS 164.6
wave n. 3729
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 526.4
RMS 157.7
wave n. 3730
mV
1800
1600
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1200
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600
400
200
0
0
100
200
300
400
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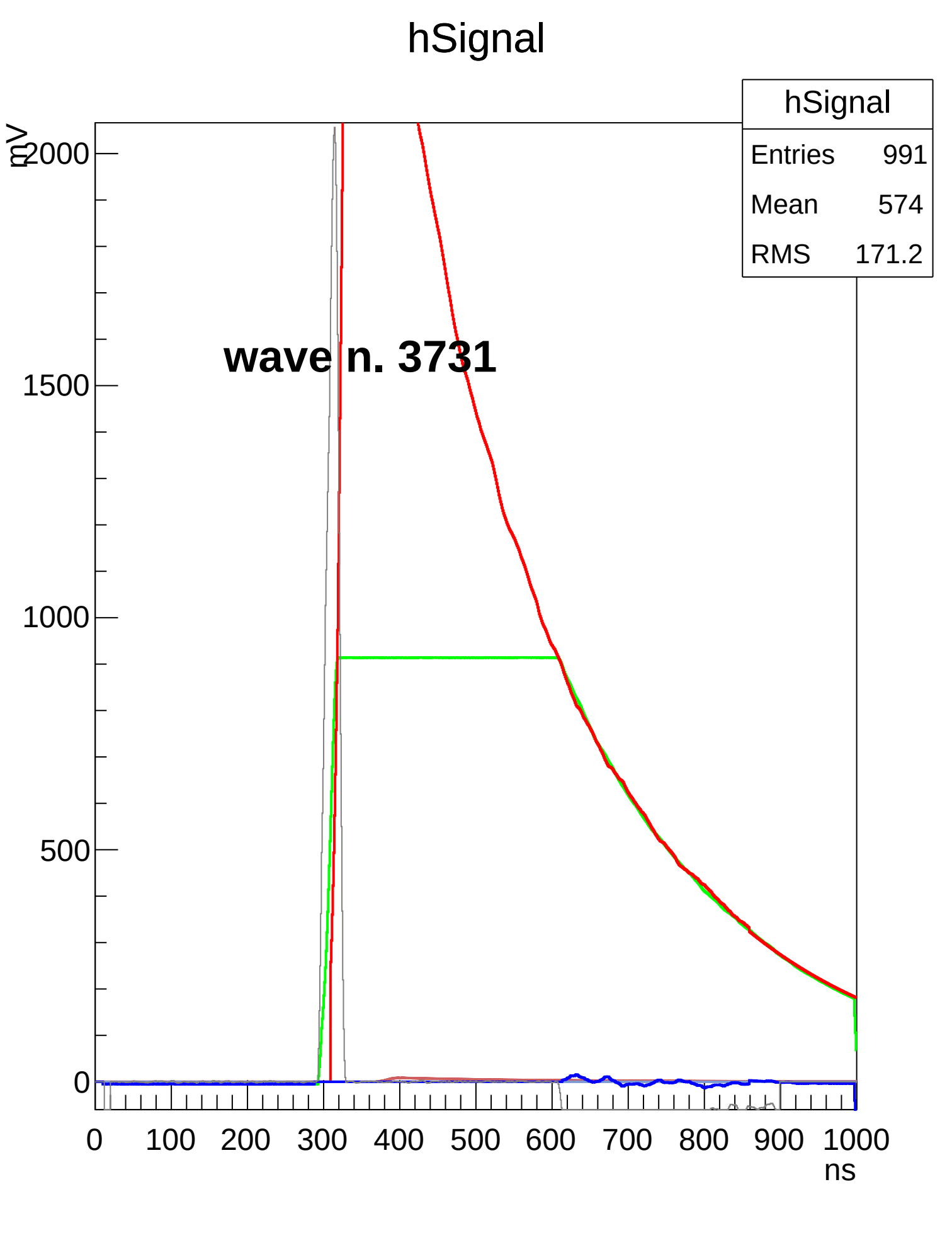
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 574
RMS 171.2
wave n. 3731
mV
2000
1500
1000
500
0
0
100
200
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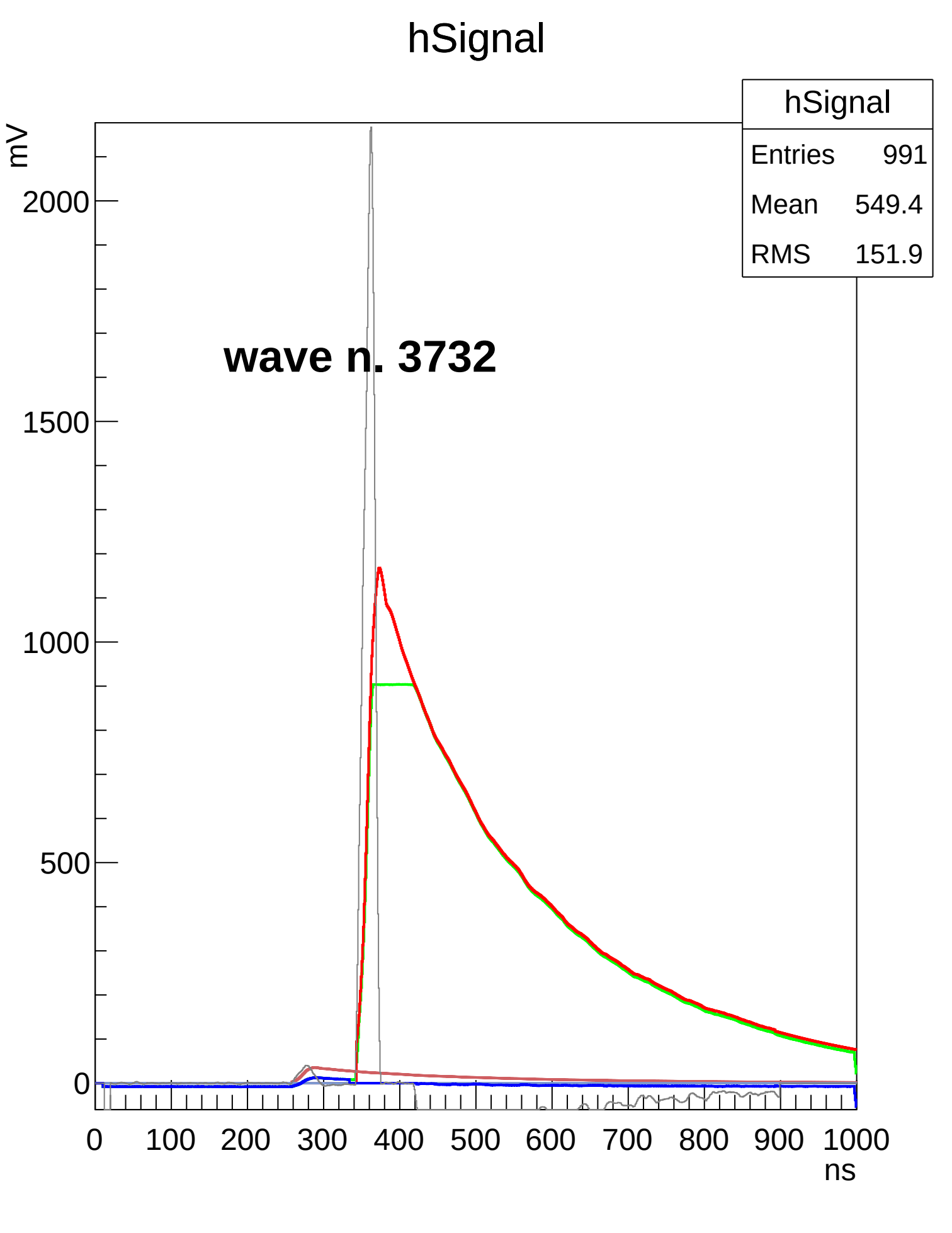
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.4
RMS 151.9
wave n. 3732
mV
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1500
1000
500
0
0
100
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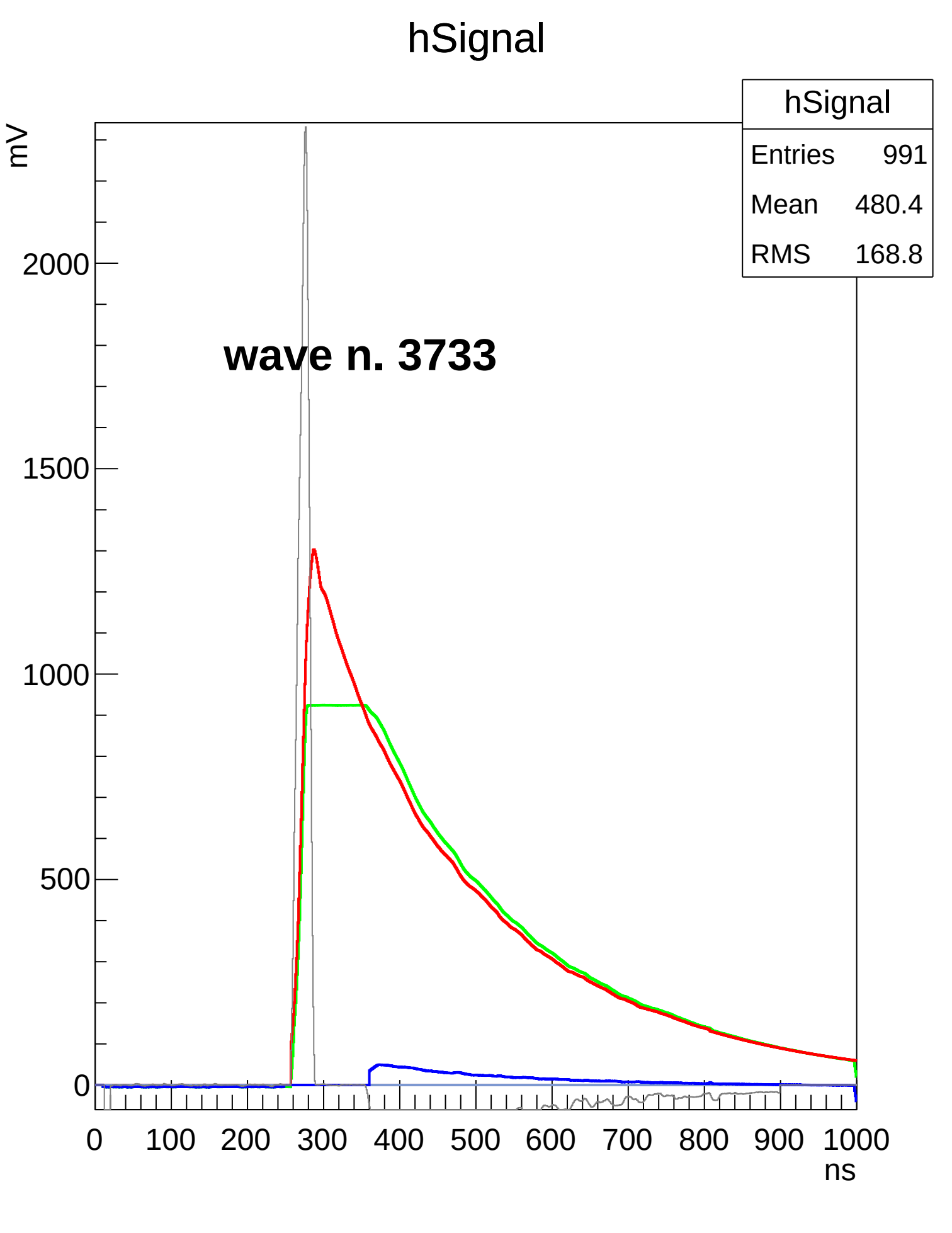
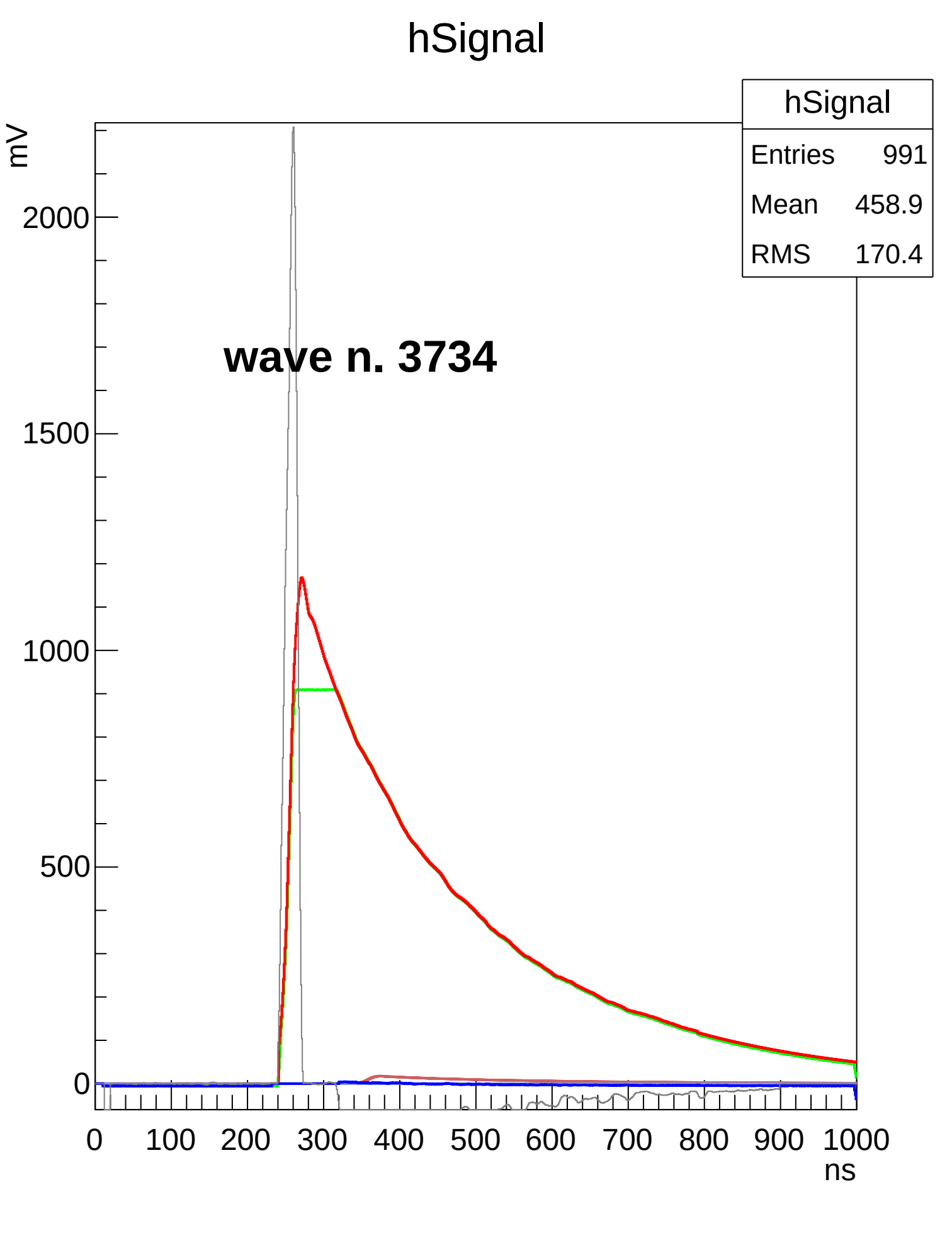
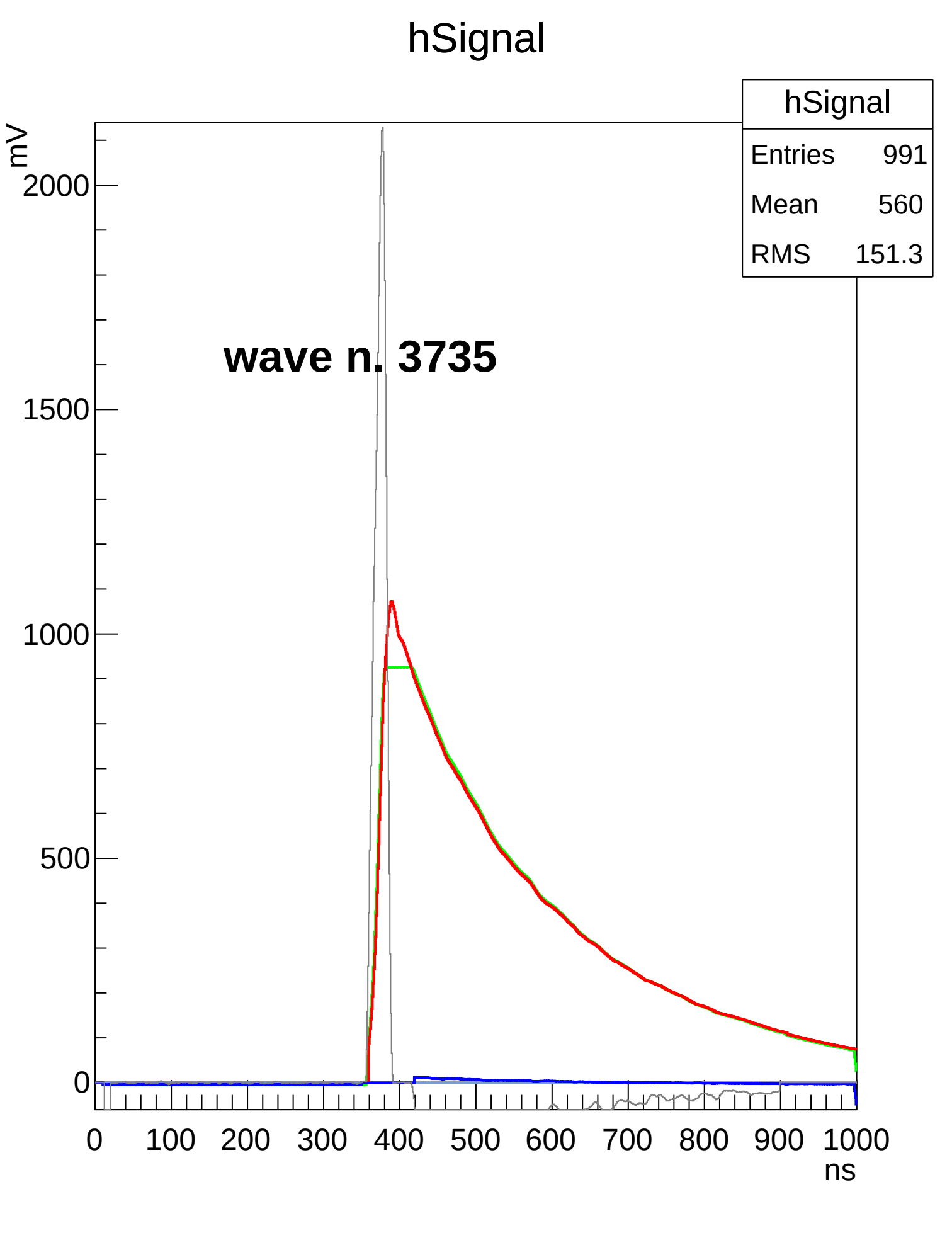
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 480.4
RMS 168.8
wave n. 3733
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 458.9
RMS 170.4
wave n. 3734
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 560
RMS 151.3
wave n. 3735
mV
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1500
1000
500
0
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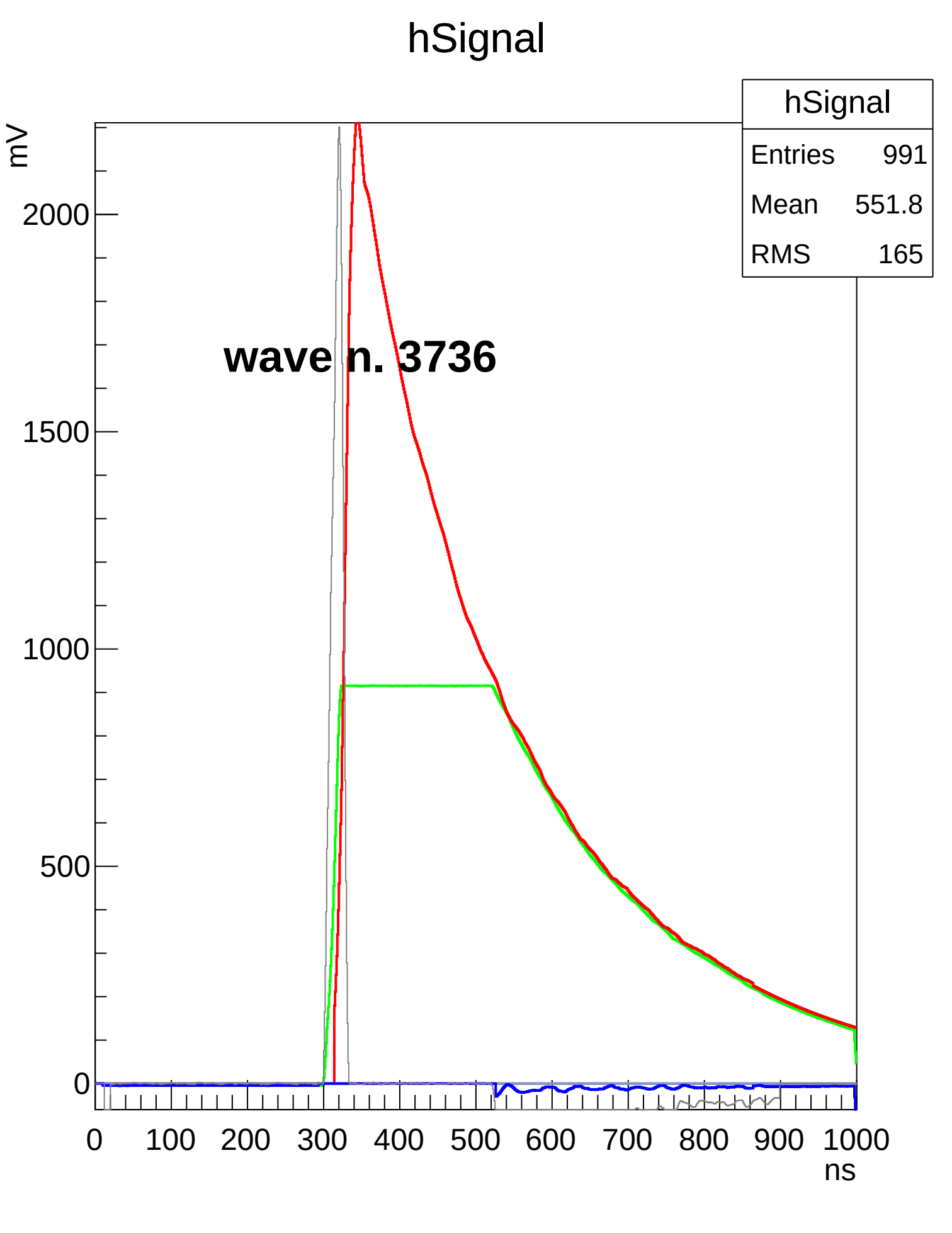
ns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hSignal
Entries 991
Mean 551.8
RMS 165
wave n. 3736
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1500
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500
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0
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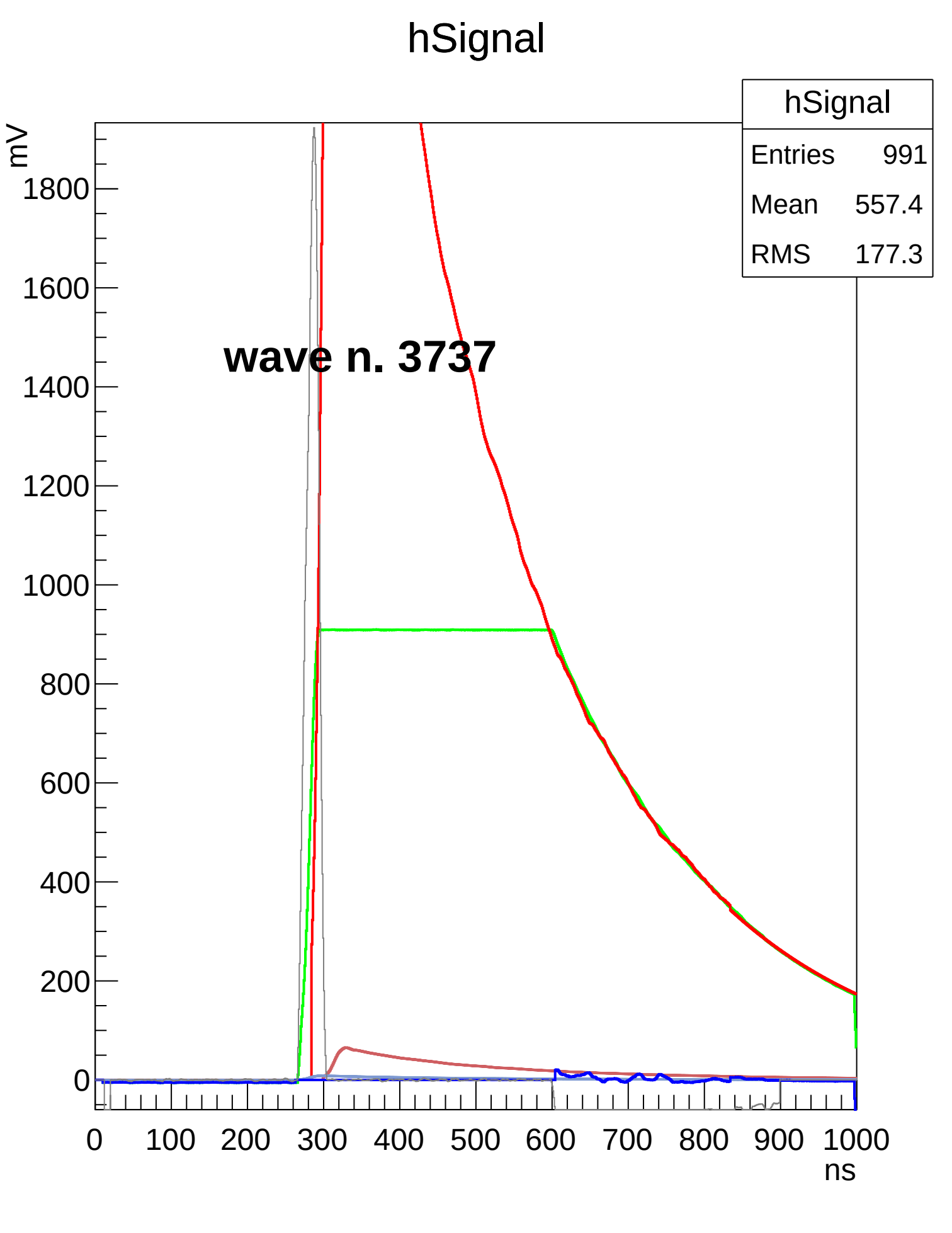
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 557.4
RMS 177.3
wave n. 3737
mV
1800
1600
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600
400
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0
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400
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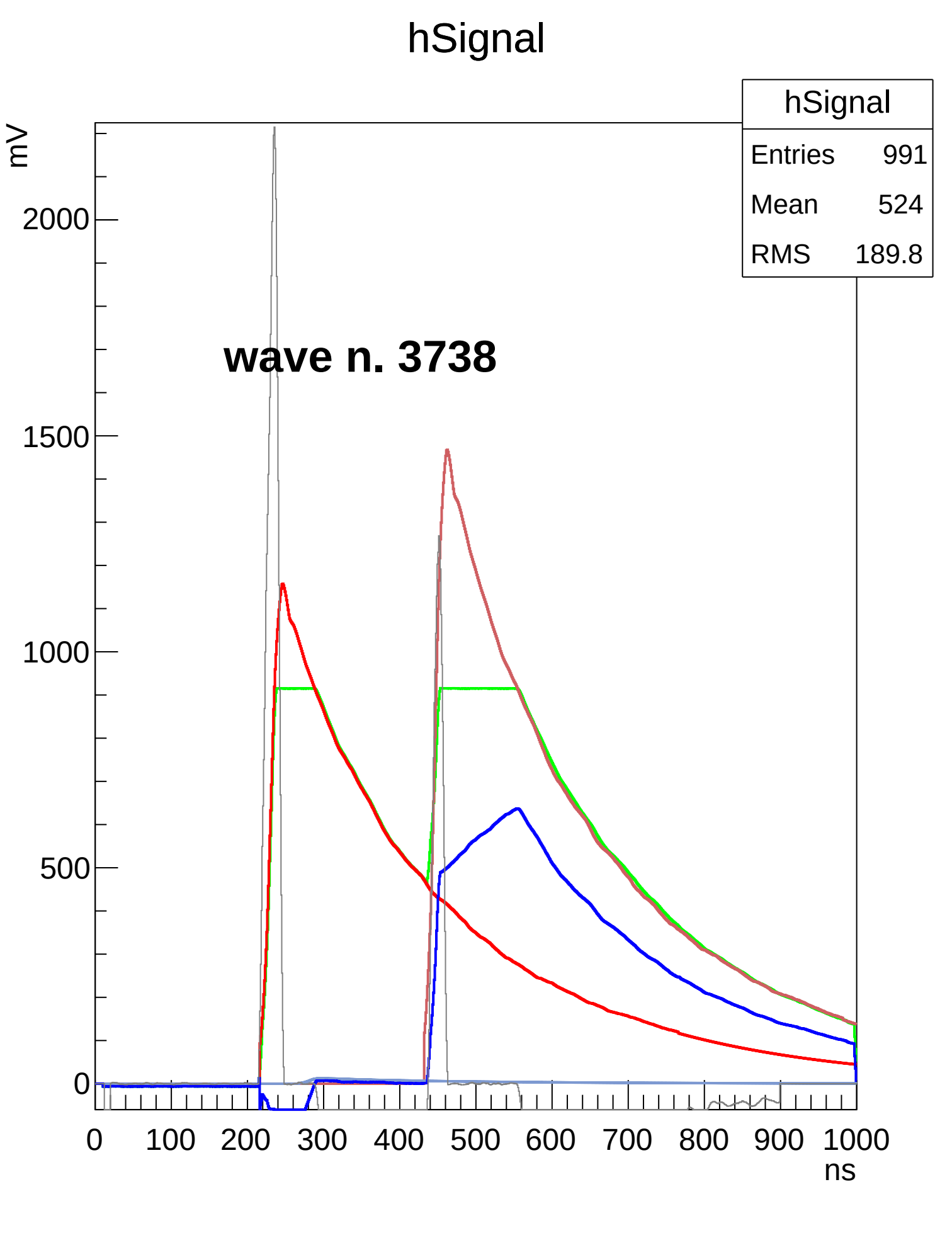
900
1000
ns


hSignal
hSignal
Entries 991
Mean 524
RMS 189.8
wave n. 3738
mV
2000
1500
1000
500
0
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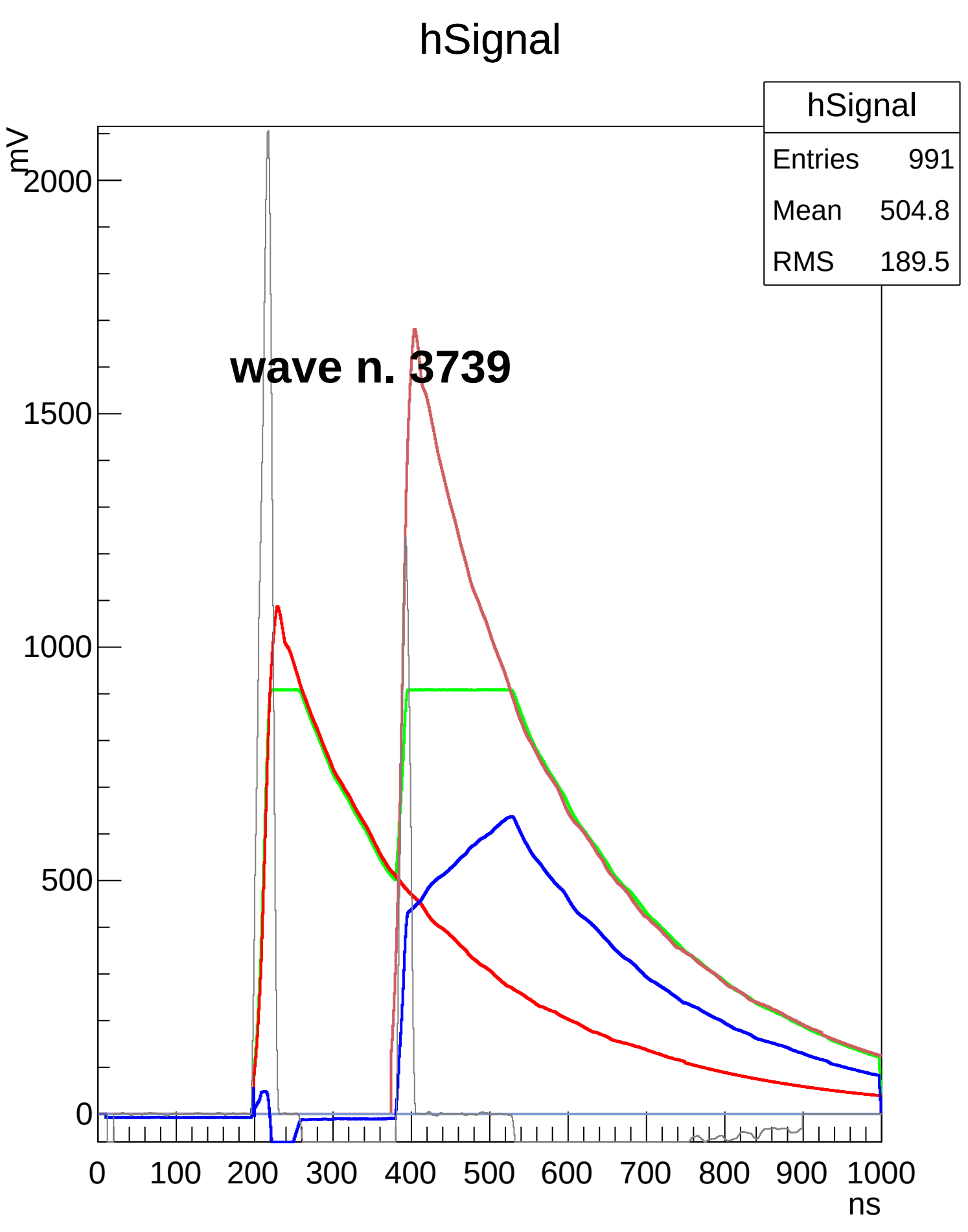
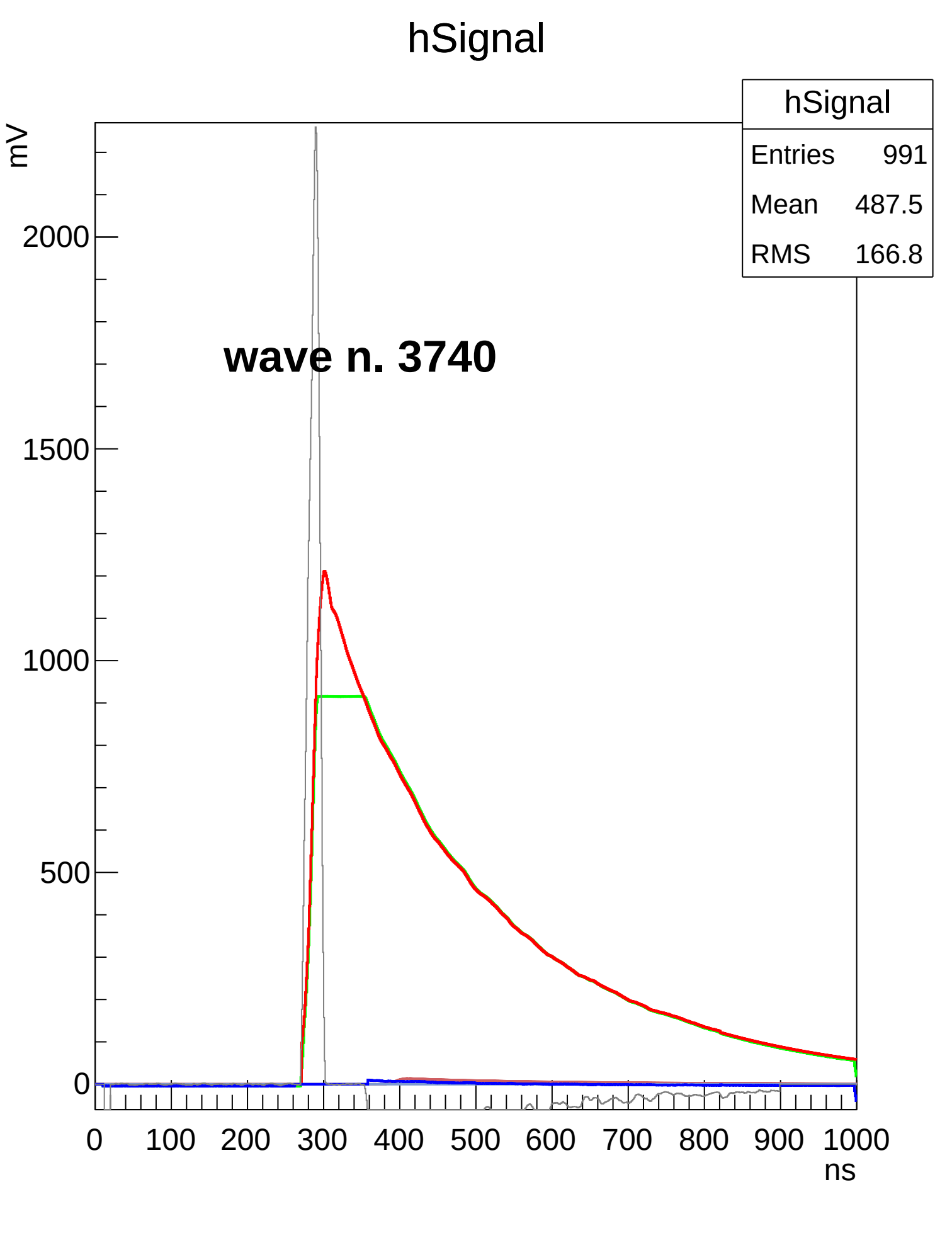
ns


hSignal
hSignal
Entries 991
Mean 504.8
RMS 189.5
wave n. 3739
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 487.5
RMS 166.8
wave n. 3740
mV
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500
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0
100
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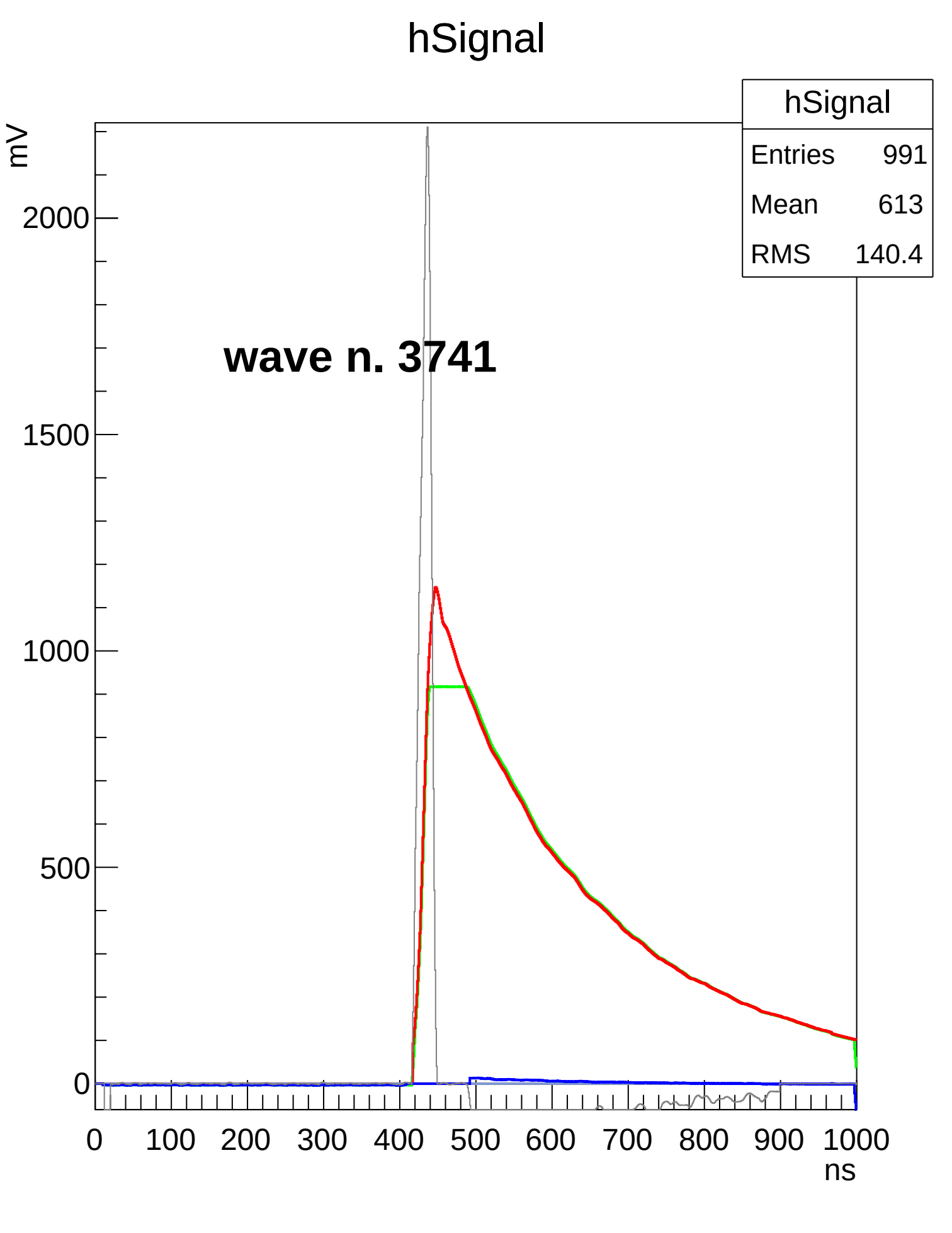
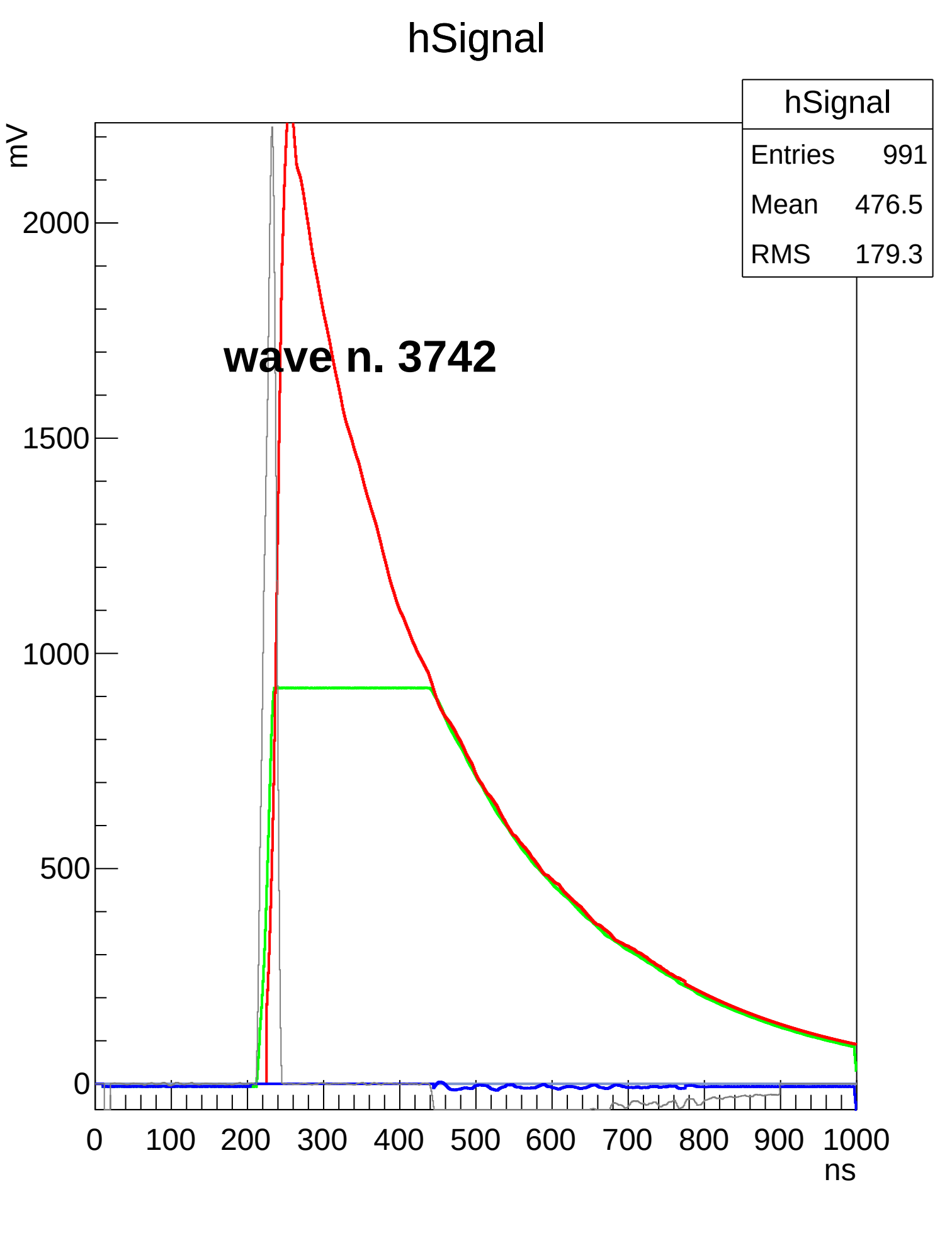
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 613
RMS 140.4
wave n. 3741
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 476.5
RMS 179.3
wave n. 3742
mV
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1500
1000
500
0
0
100
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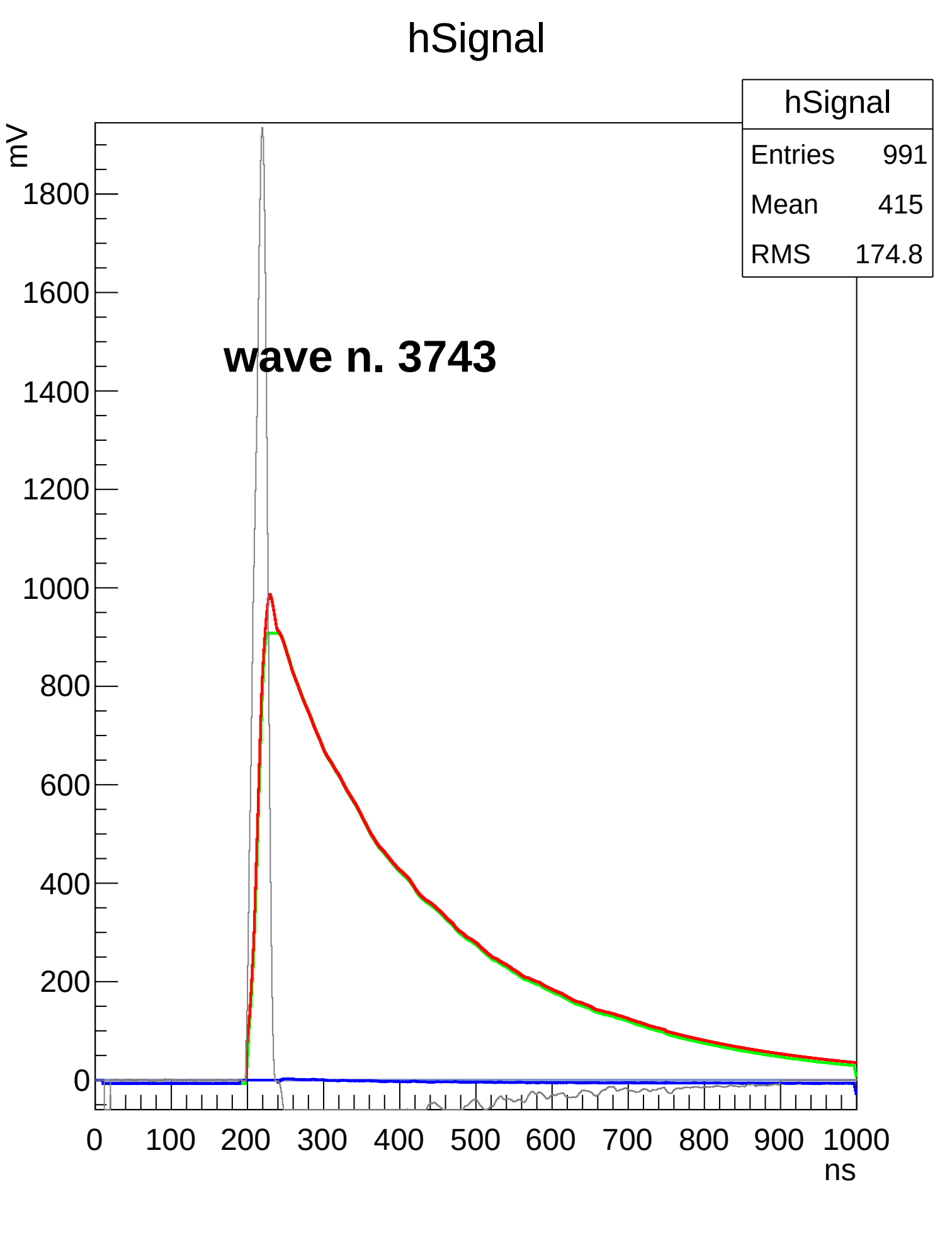
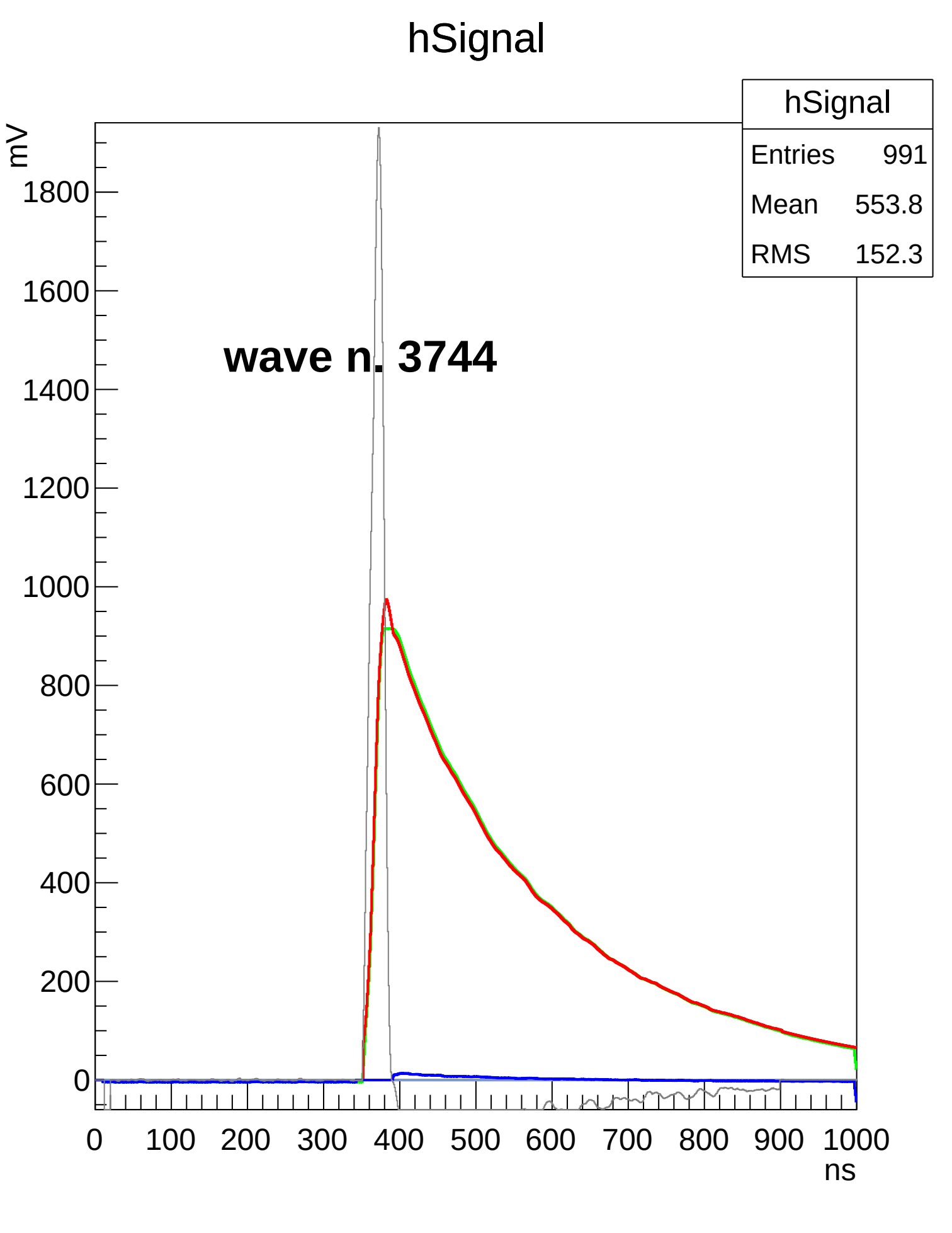
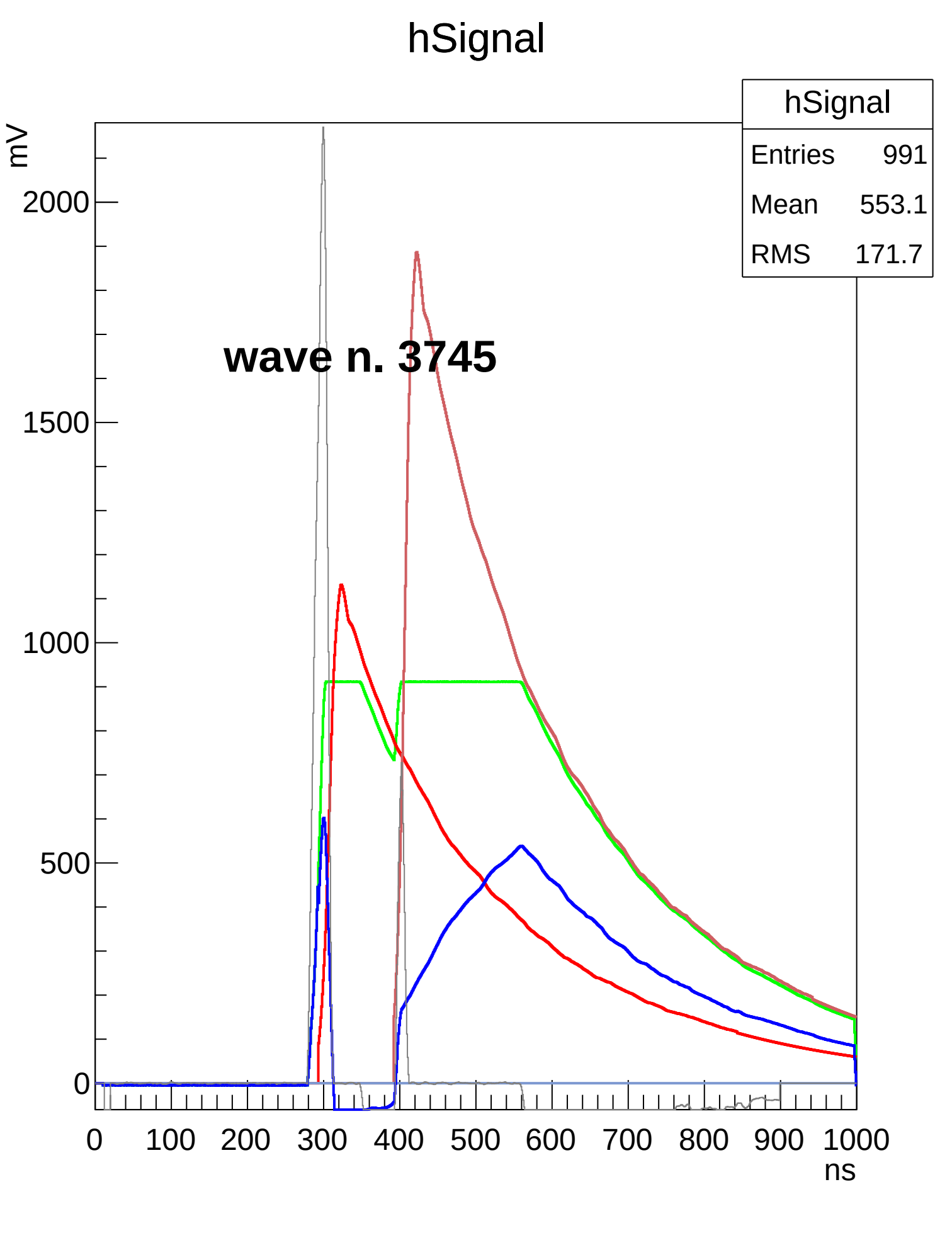
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 415
RMS 174.8
wave n. 3743
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 553.8
RMS 152.3
wave n. 3744
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.1
RMS 171.7
wave n. 3745
mV
2000
1500
1000
500
0
0
100
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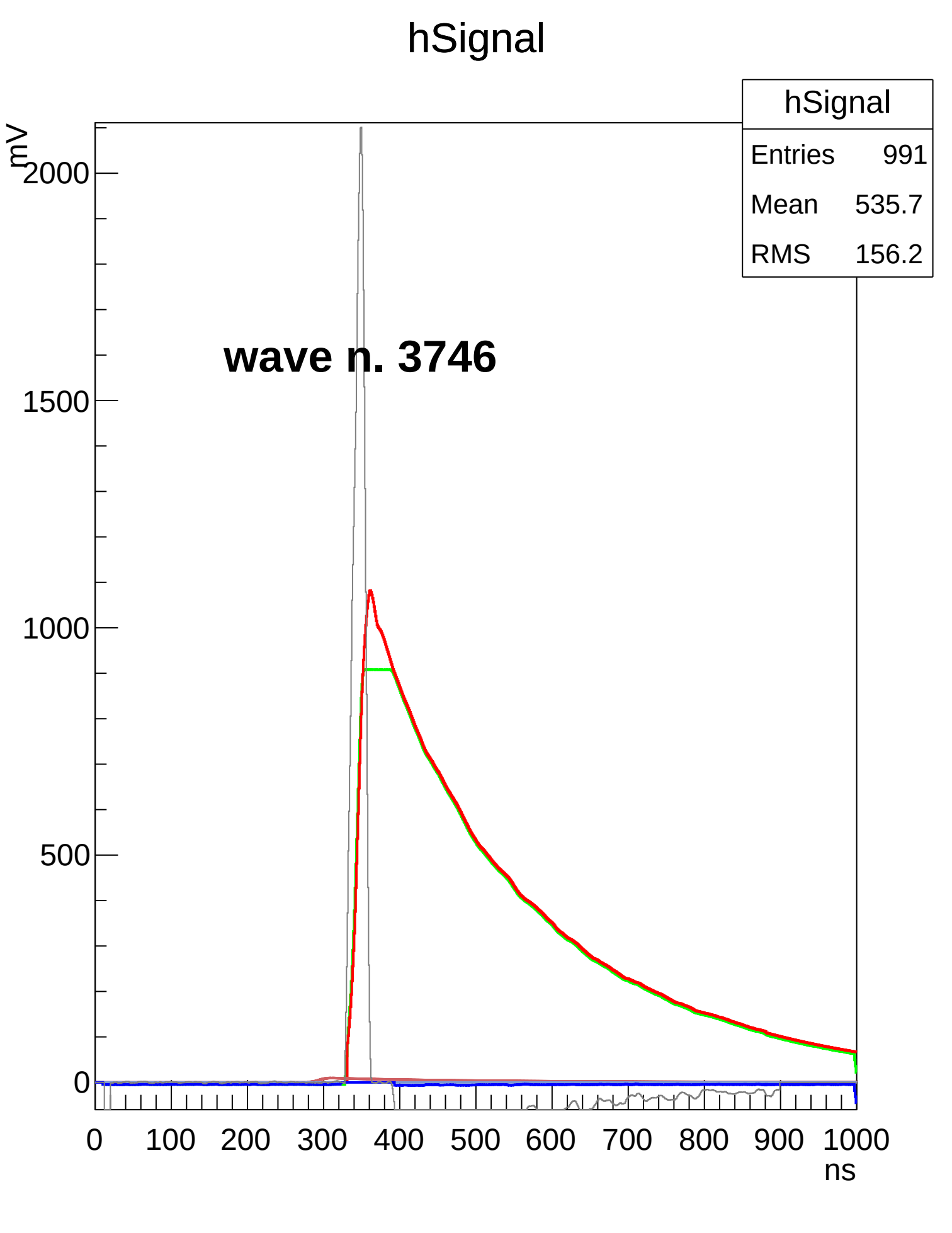
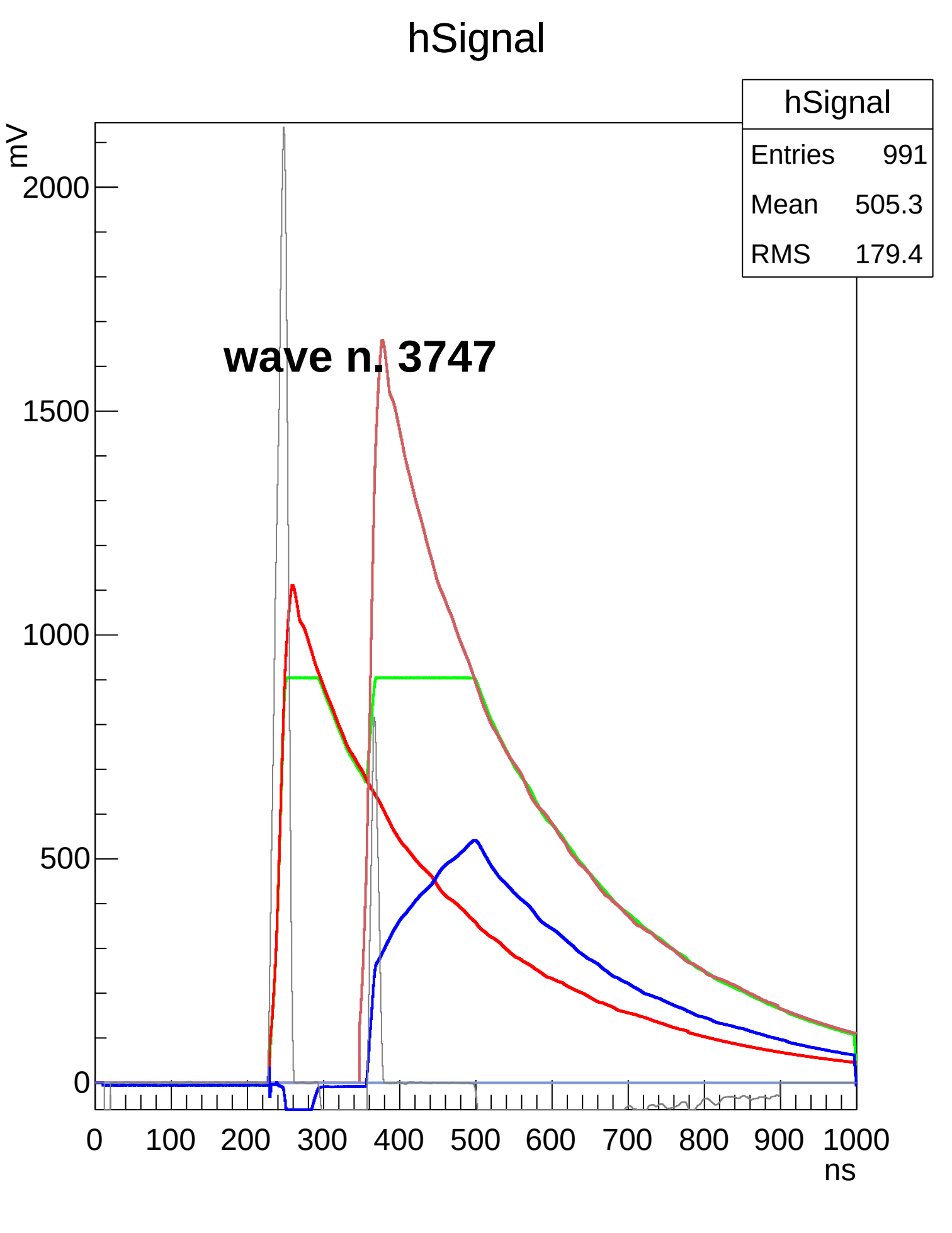
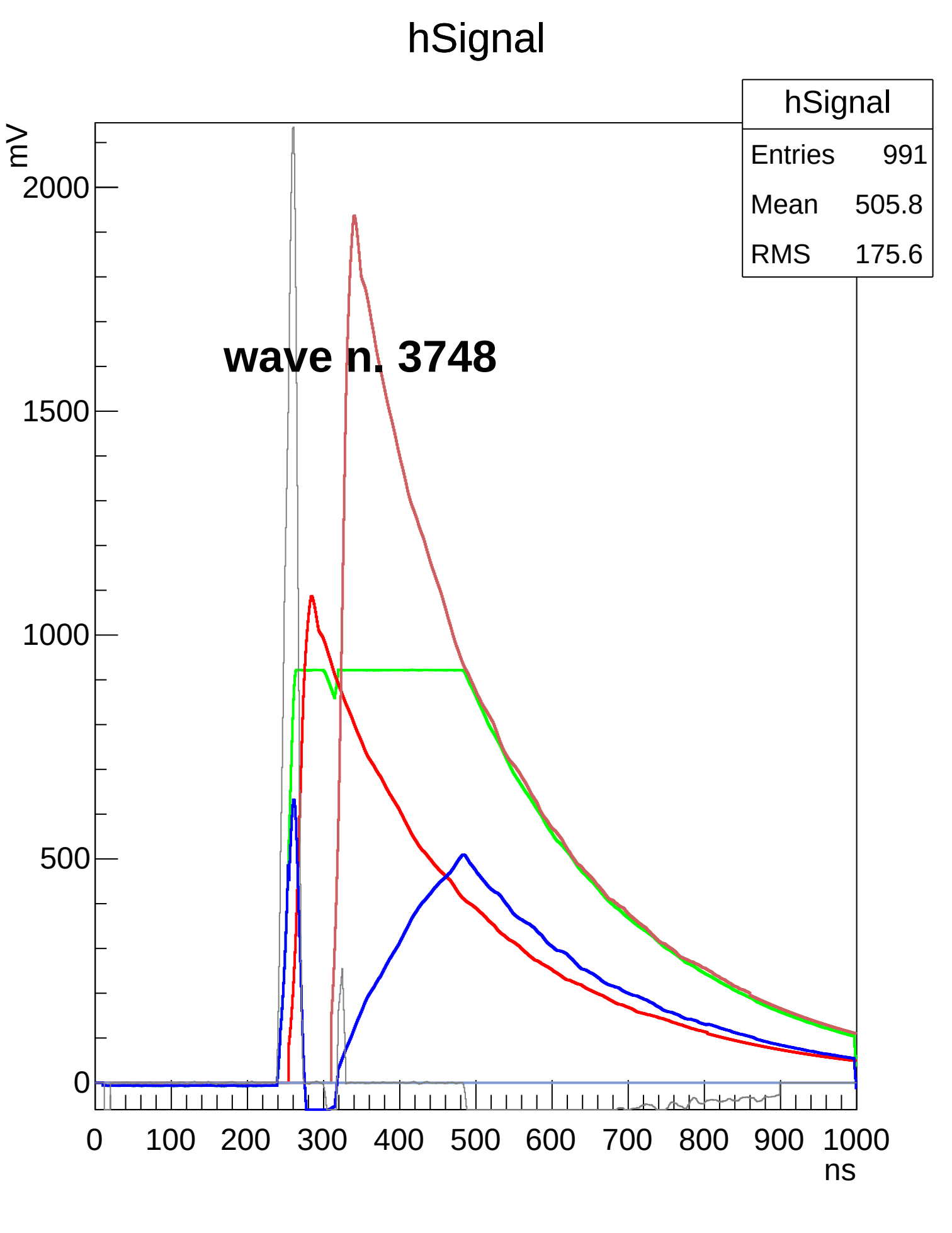
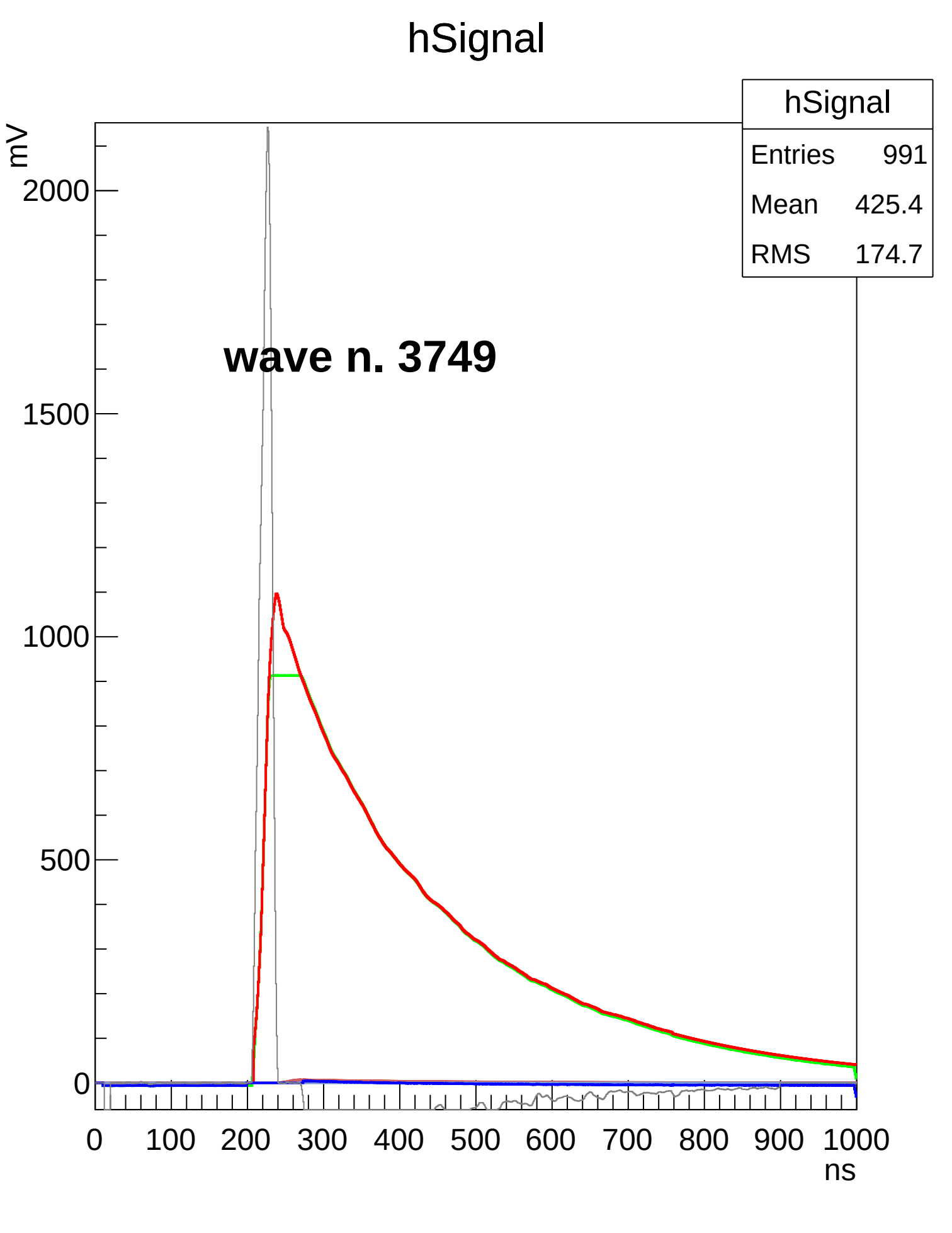
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 535.7
RMS 156.2
wave n. 3746
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 505.3
RMS 179.4
wave n. 3747
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 505.8
RMS 175.6
wave n. 3748
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 425.4
RMS 174.7
wave n. 3749
mV
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1500
1000
500
0
0
100
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400
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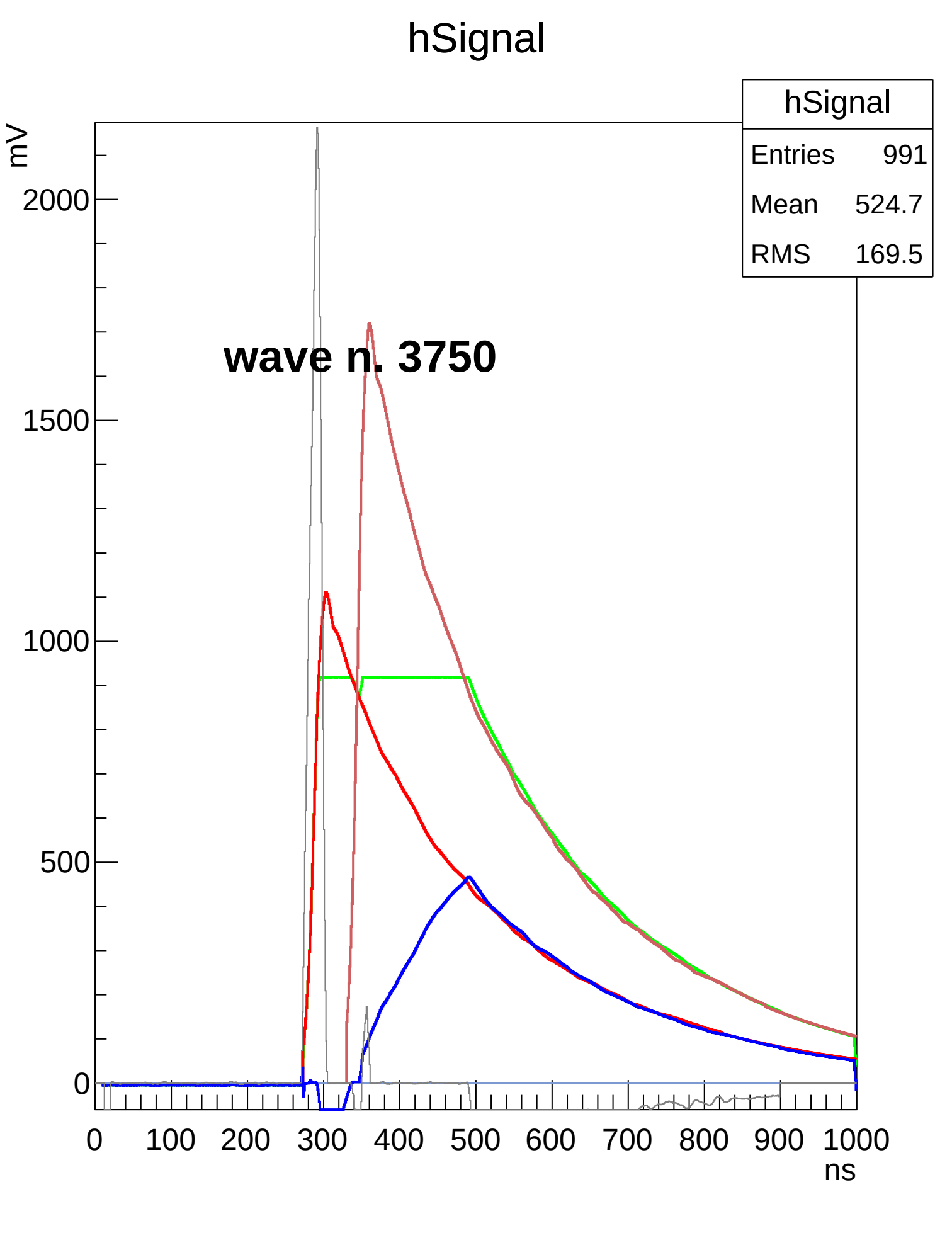
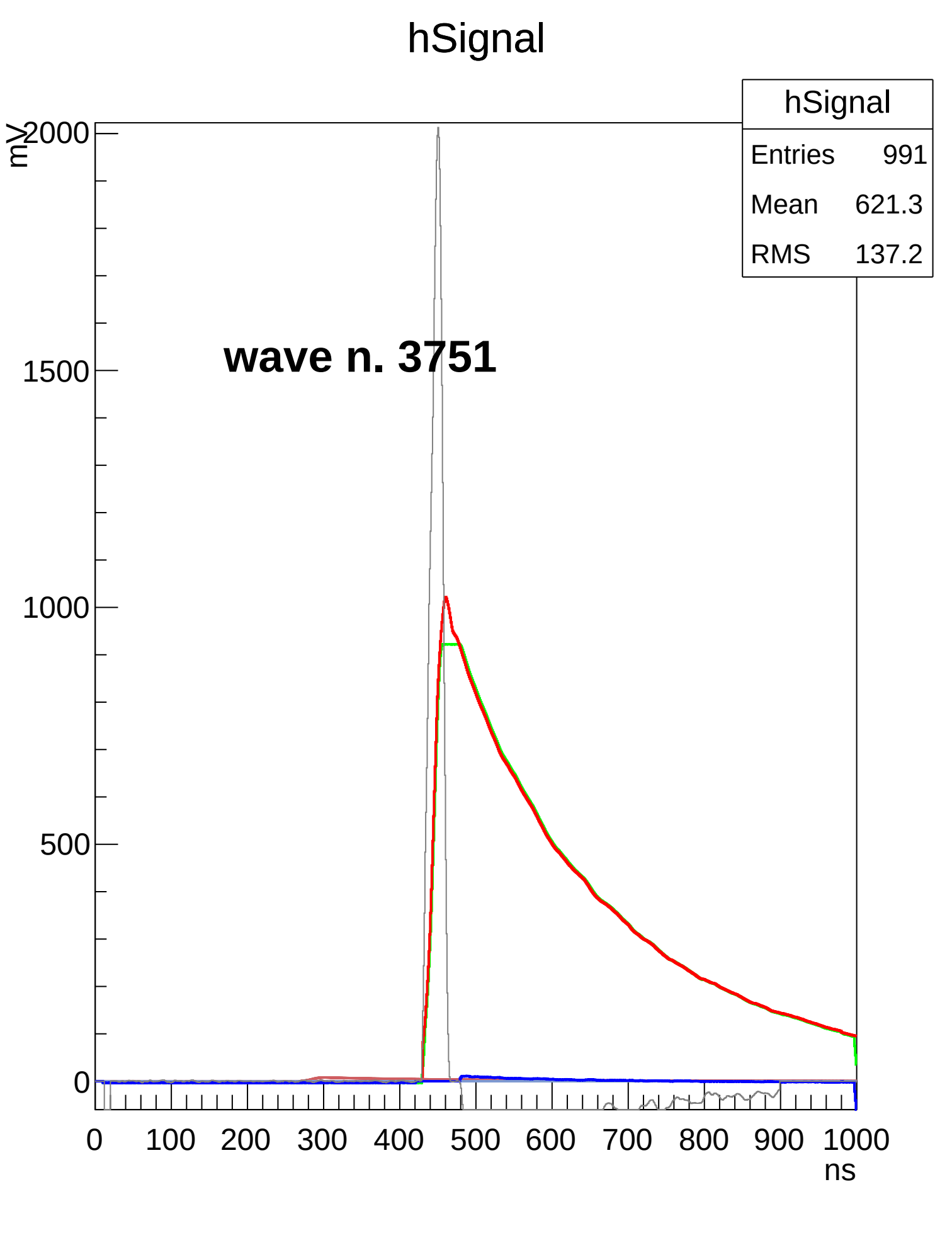
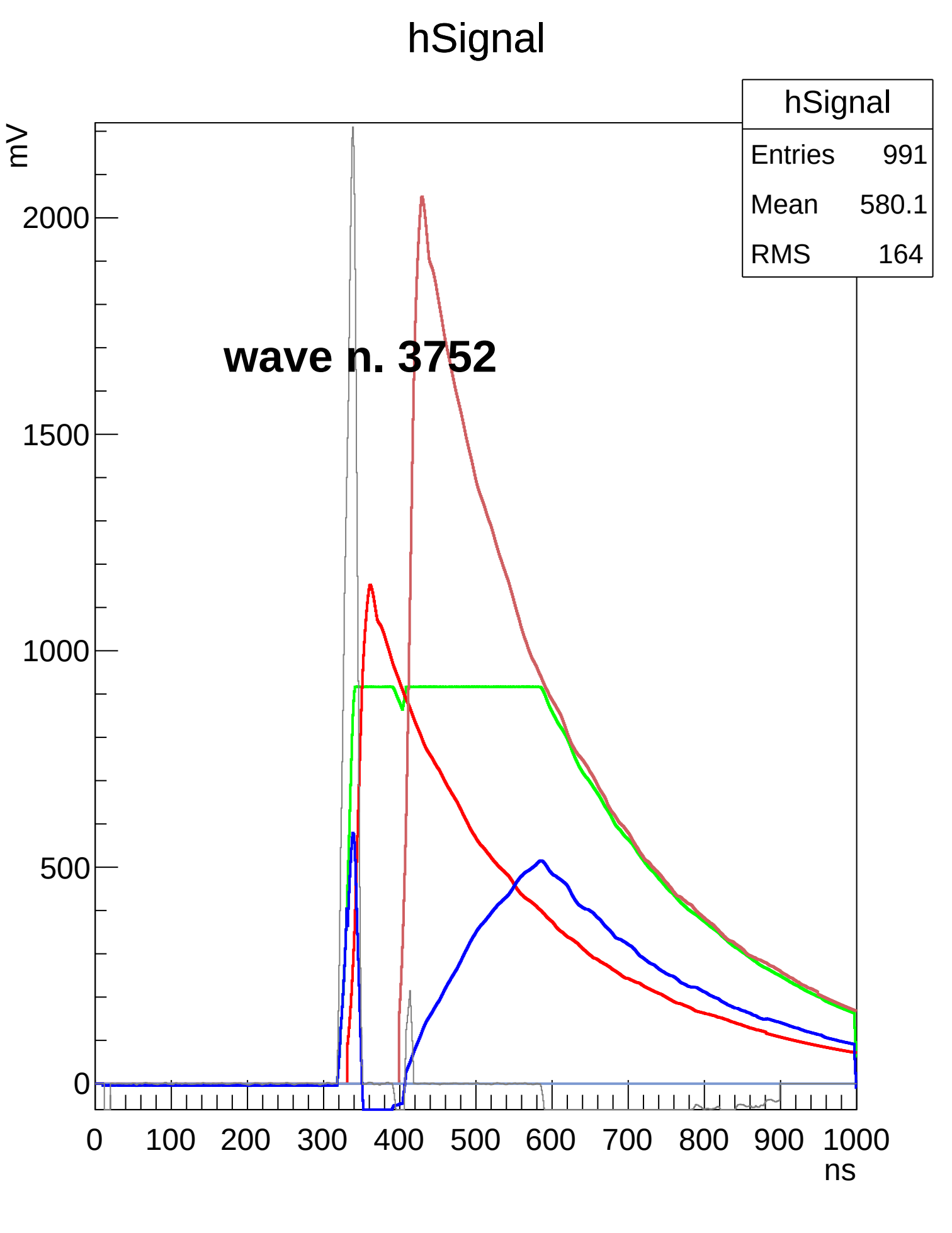
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 524.7
RMS 169.5
wave n. 3750
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 621.3
RMS 137.2
wave n. 3751
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580.1
RMS 164
wave n. 3752
mV
2000
1500
1000
500
0
0
100
200
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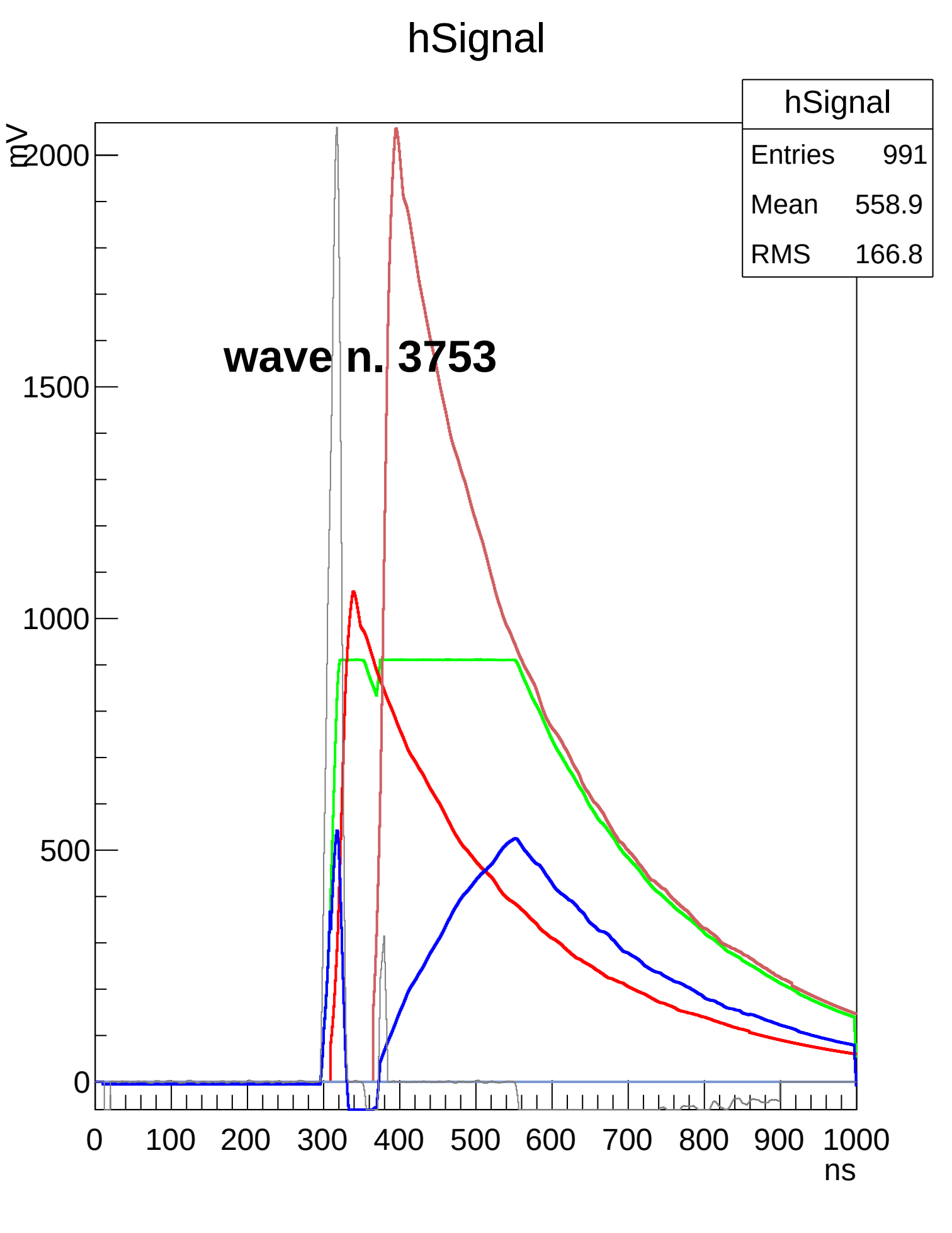
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558.9
RMS 166.8
wave n. 3753
mV
2000
1500
1000
500
0
0
100
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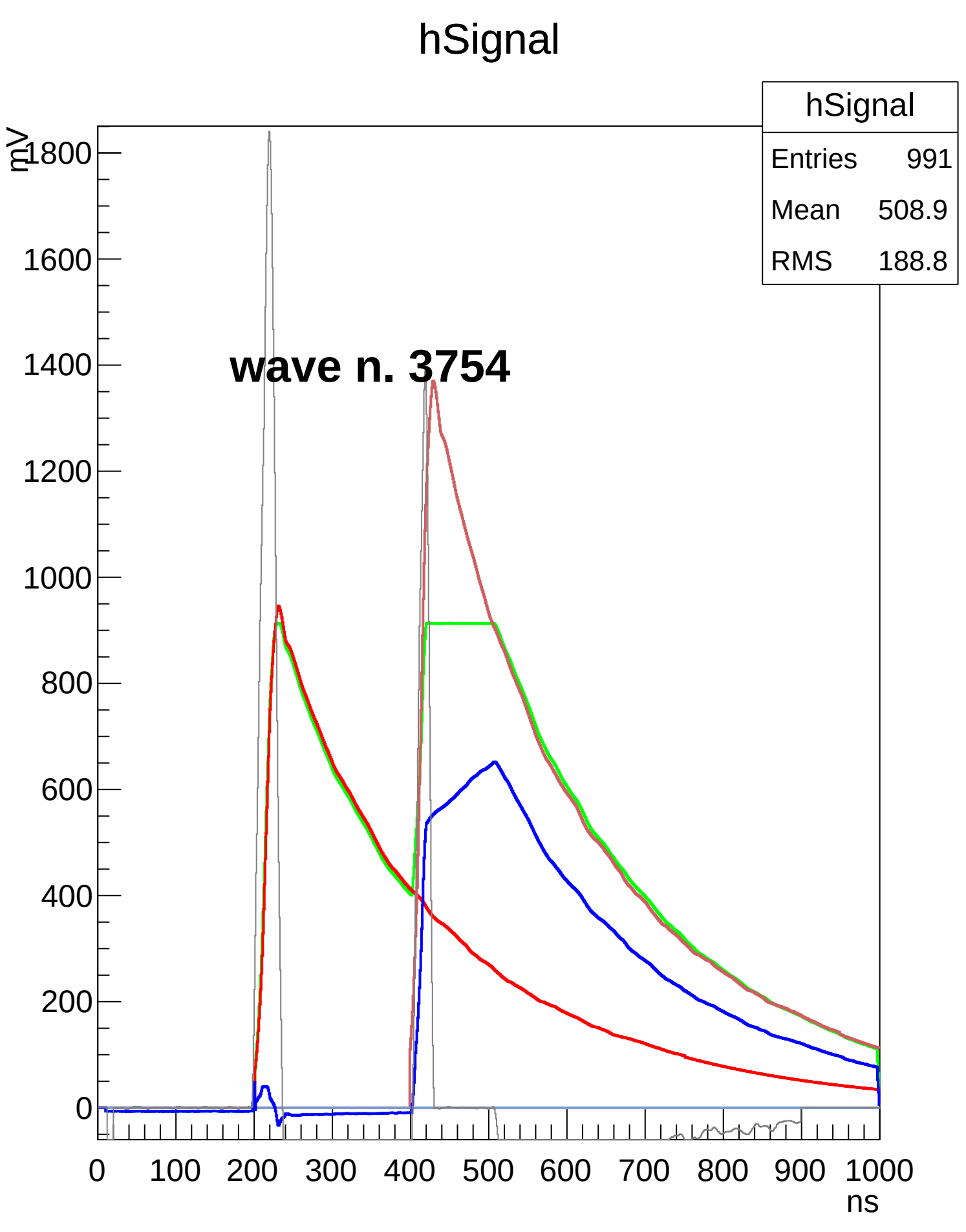
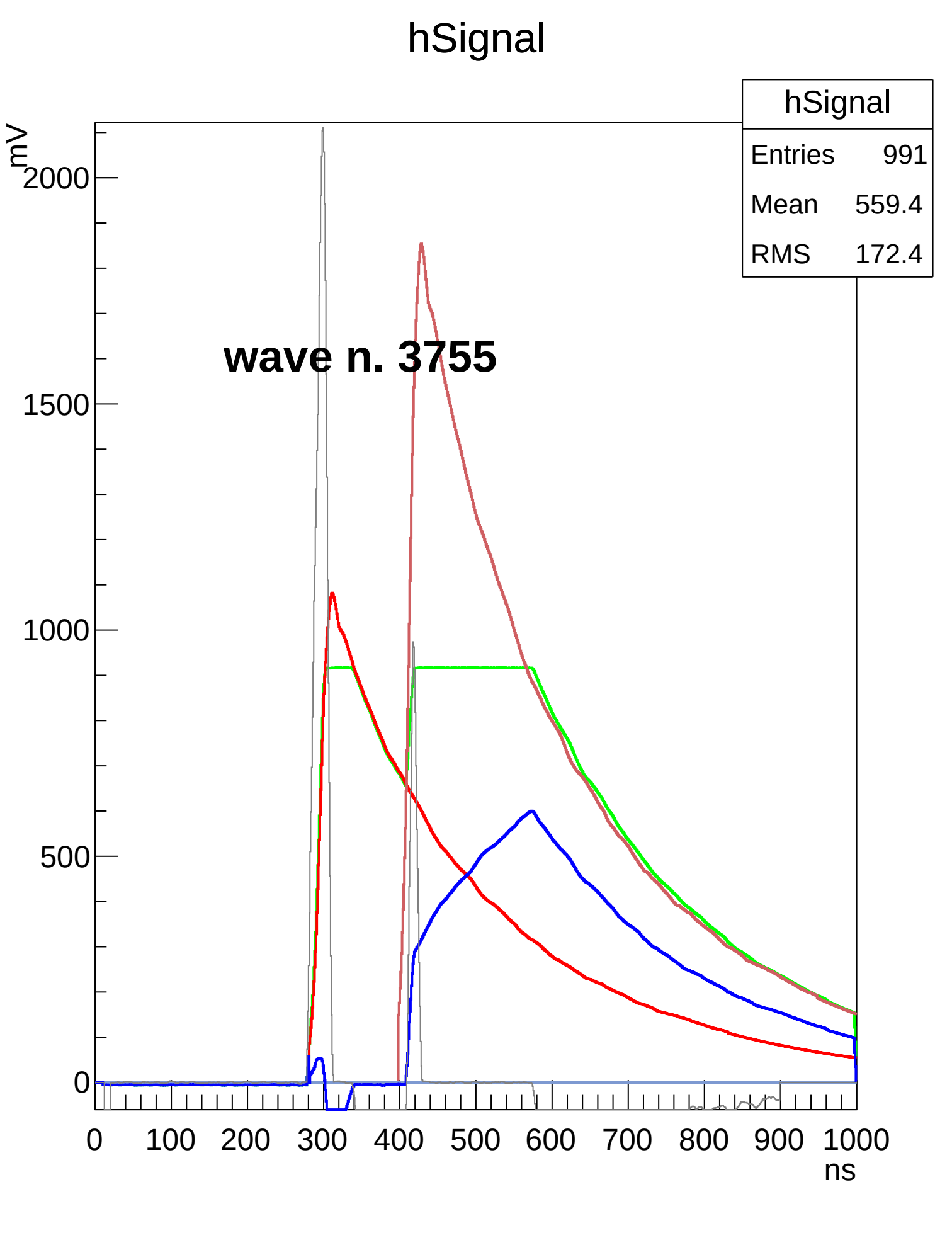
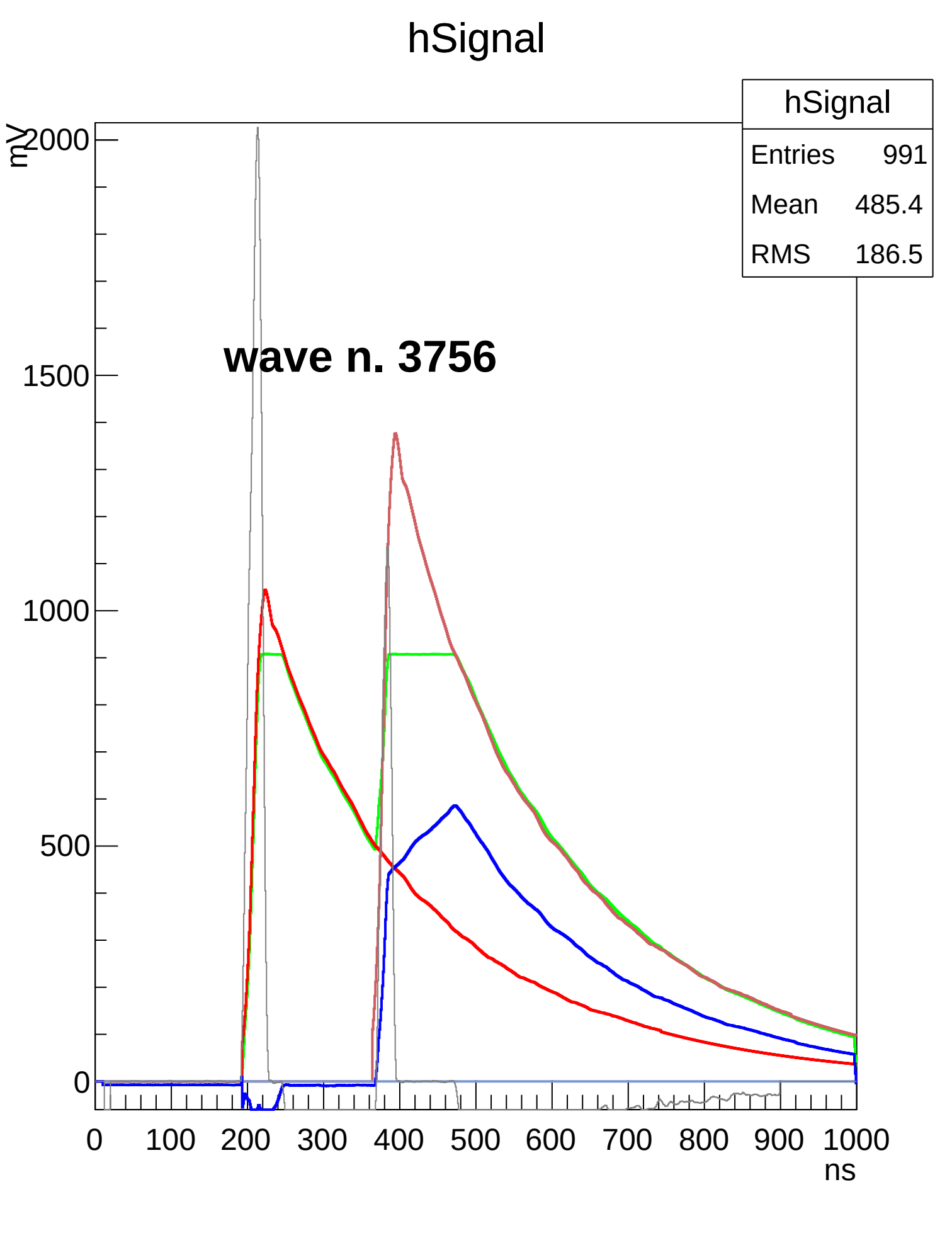
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 508.9
RMS 188.8
wave n. 3754
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 559.4
RMS 172.4
wave n. 3755
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485.4
RMS 186.5
wave n. 3756
mV
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1500
1000
500
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0
100
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400
500
600
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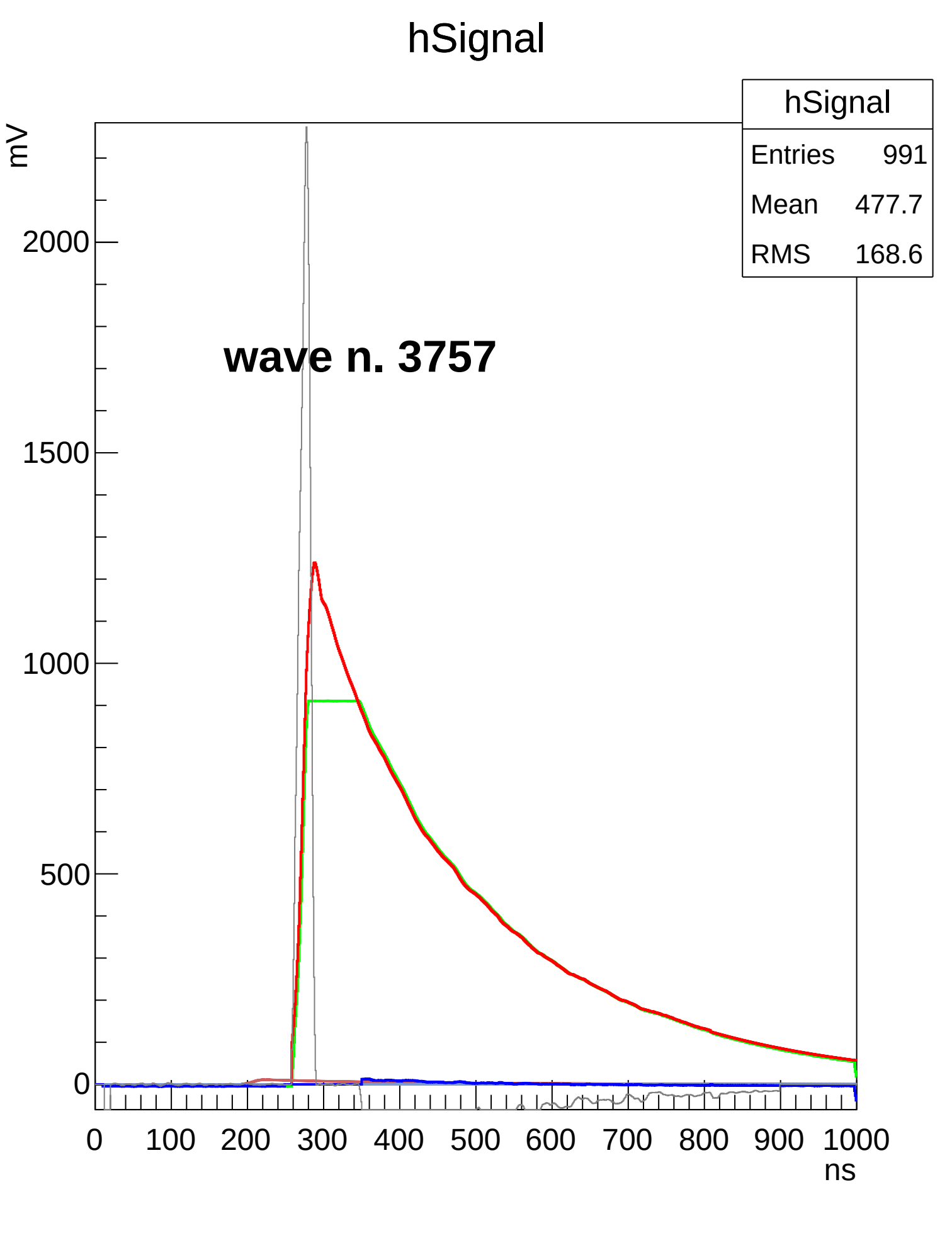
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 477.7
RMS 168.6
wave n. 3757
mV
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1000
500
0
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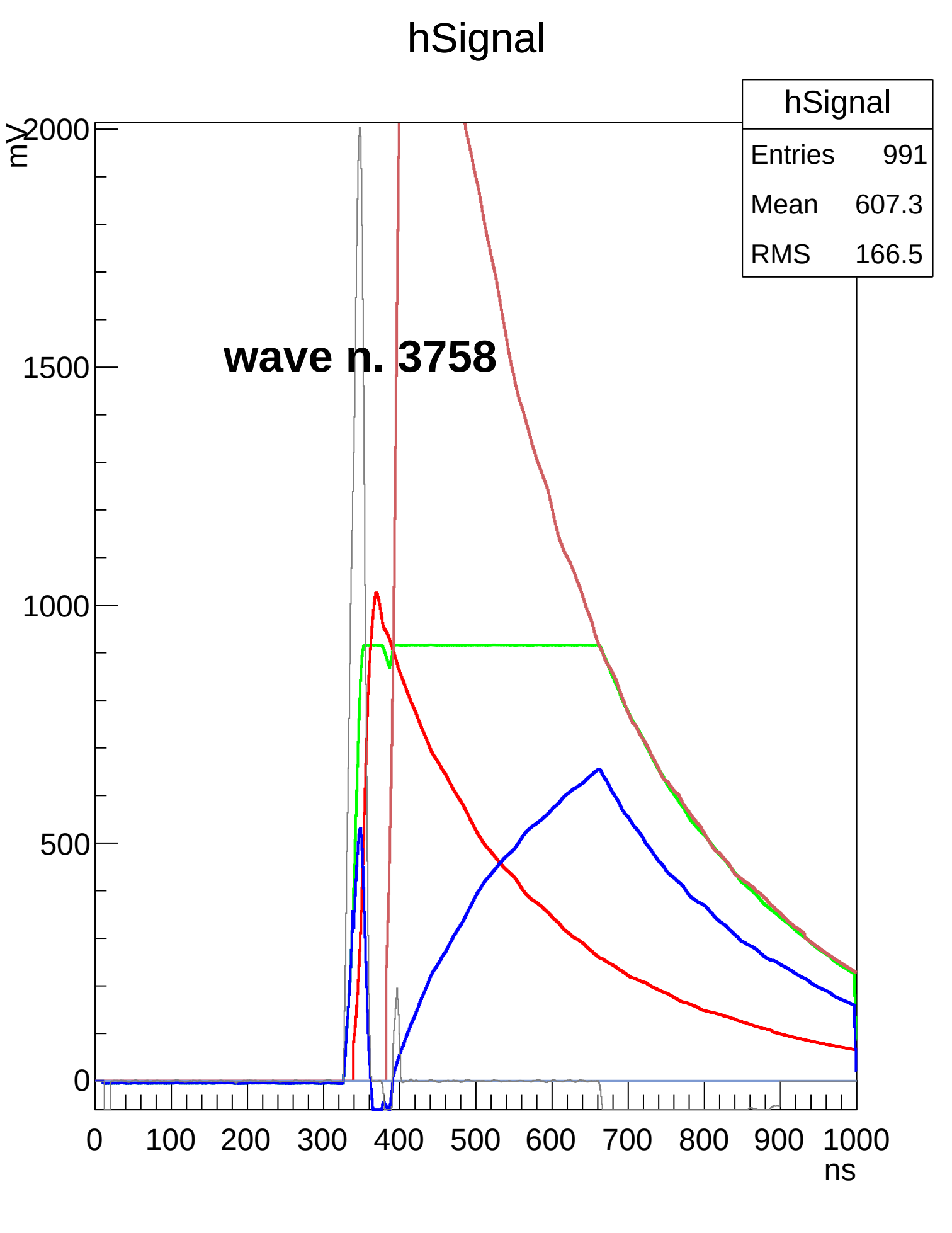
ns


hSignal
hSignal
Entries 991
Mean 607.3
RMS 166.5
wave n. 3758
mV
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1500
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500
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0
100
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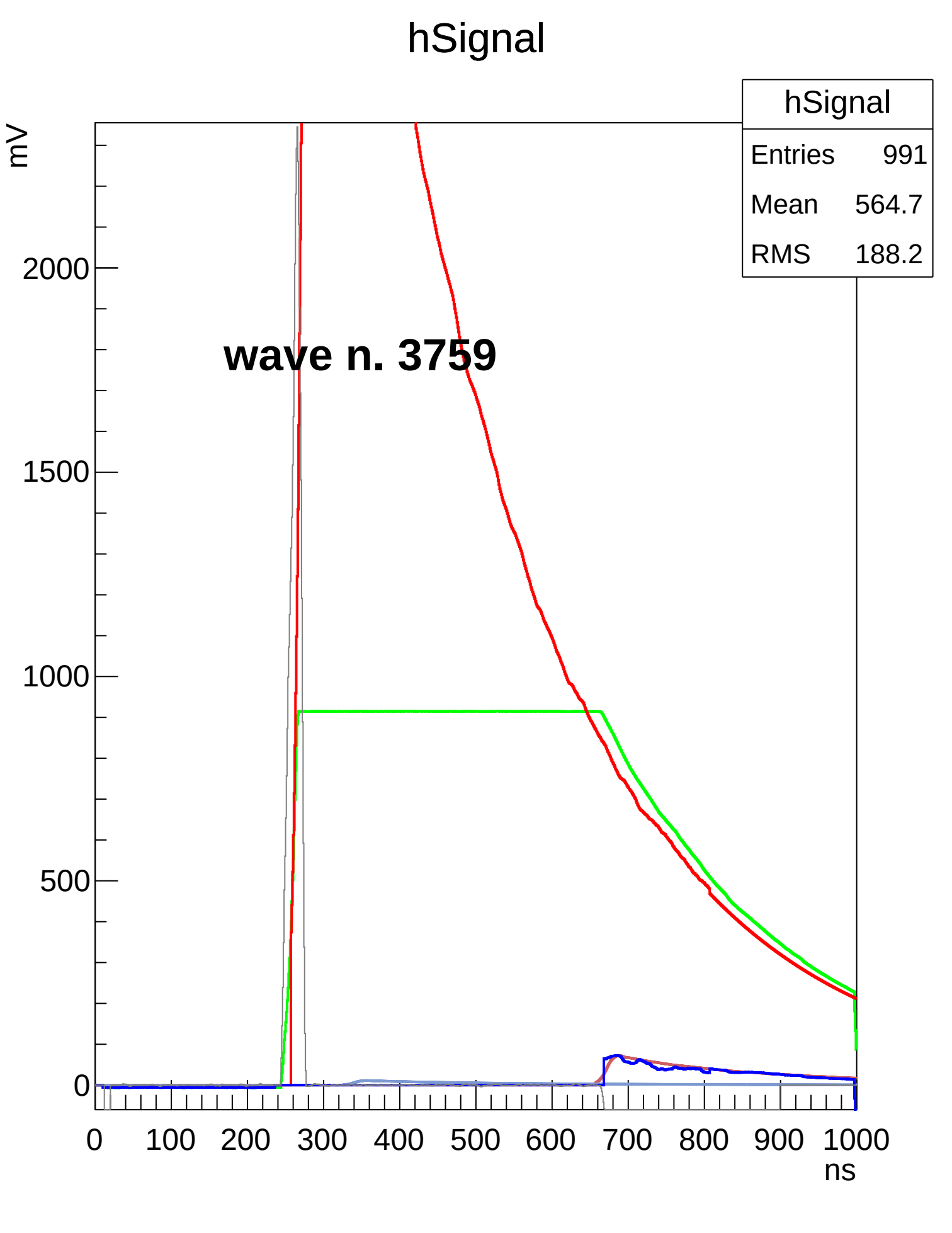
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 564.7
RMS 188.2
wave n. 3759
mV
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1500
1000
500
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0
100
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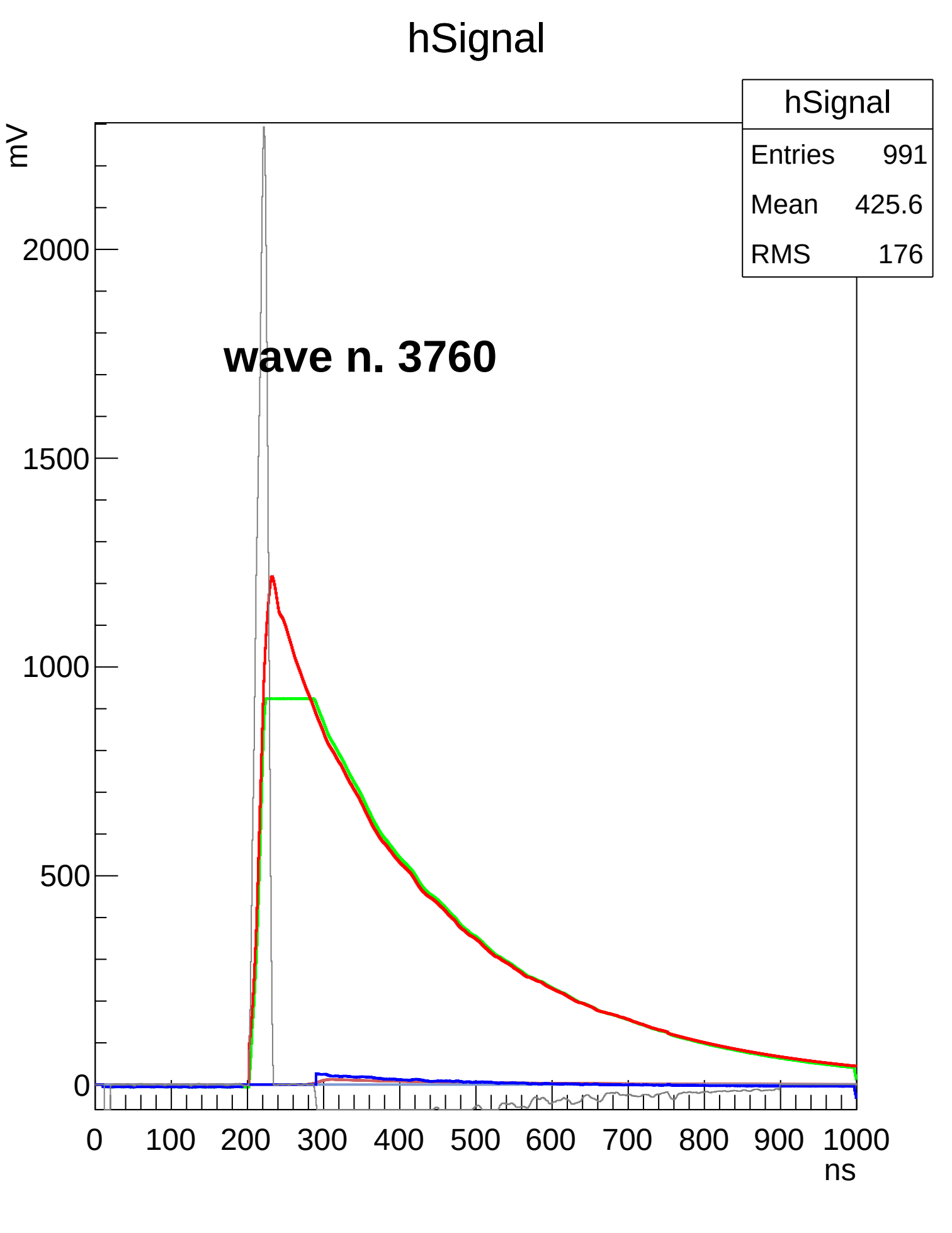
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 425.6
RMS 176
wave n. 3760
mV
2000
1500
1000
500
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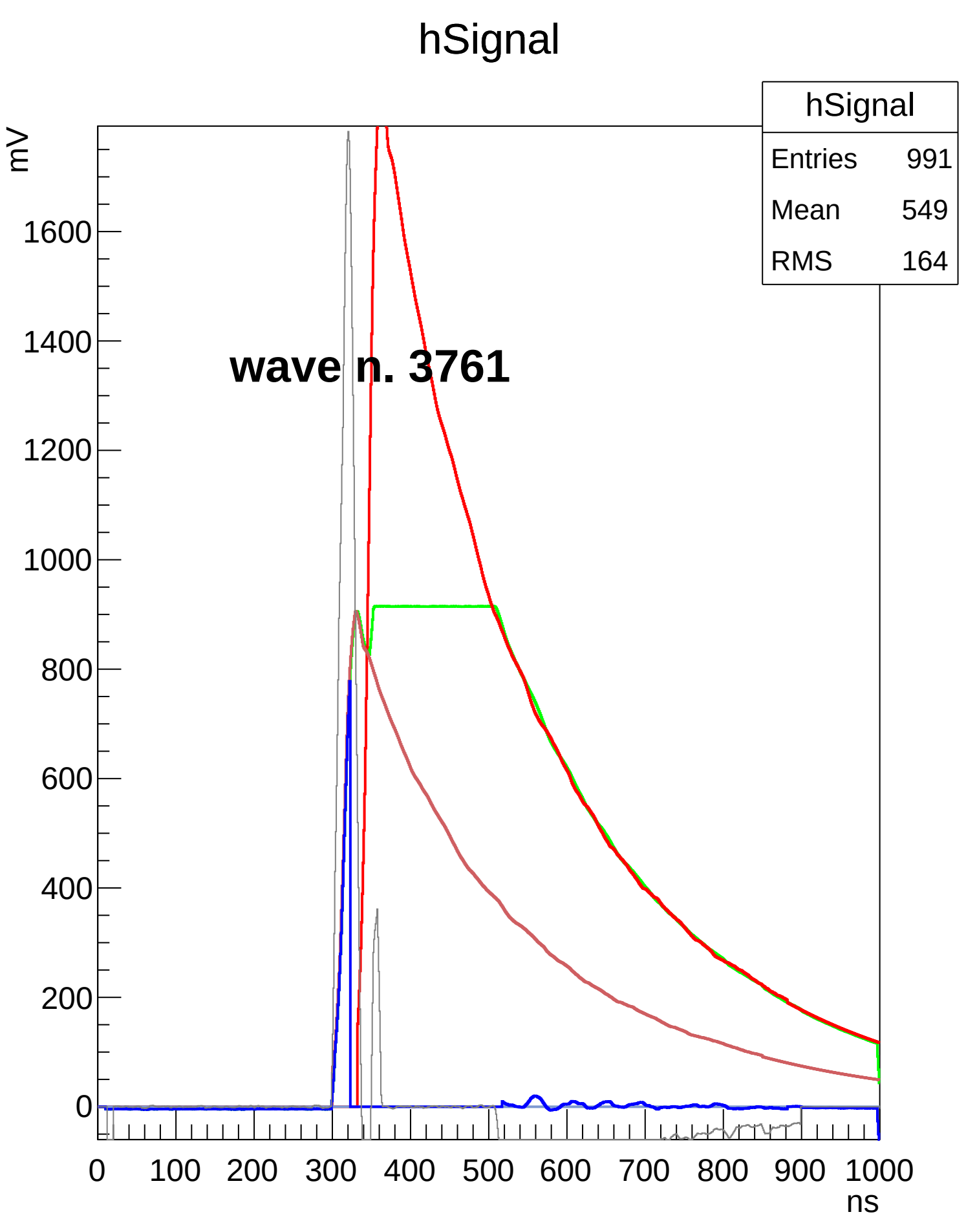
ns


hSignal
hSignal
Entries 991
Mean 549
RMS 164
wave n. 3761
mV
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1400
1200
1000
800
600
400
200
0
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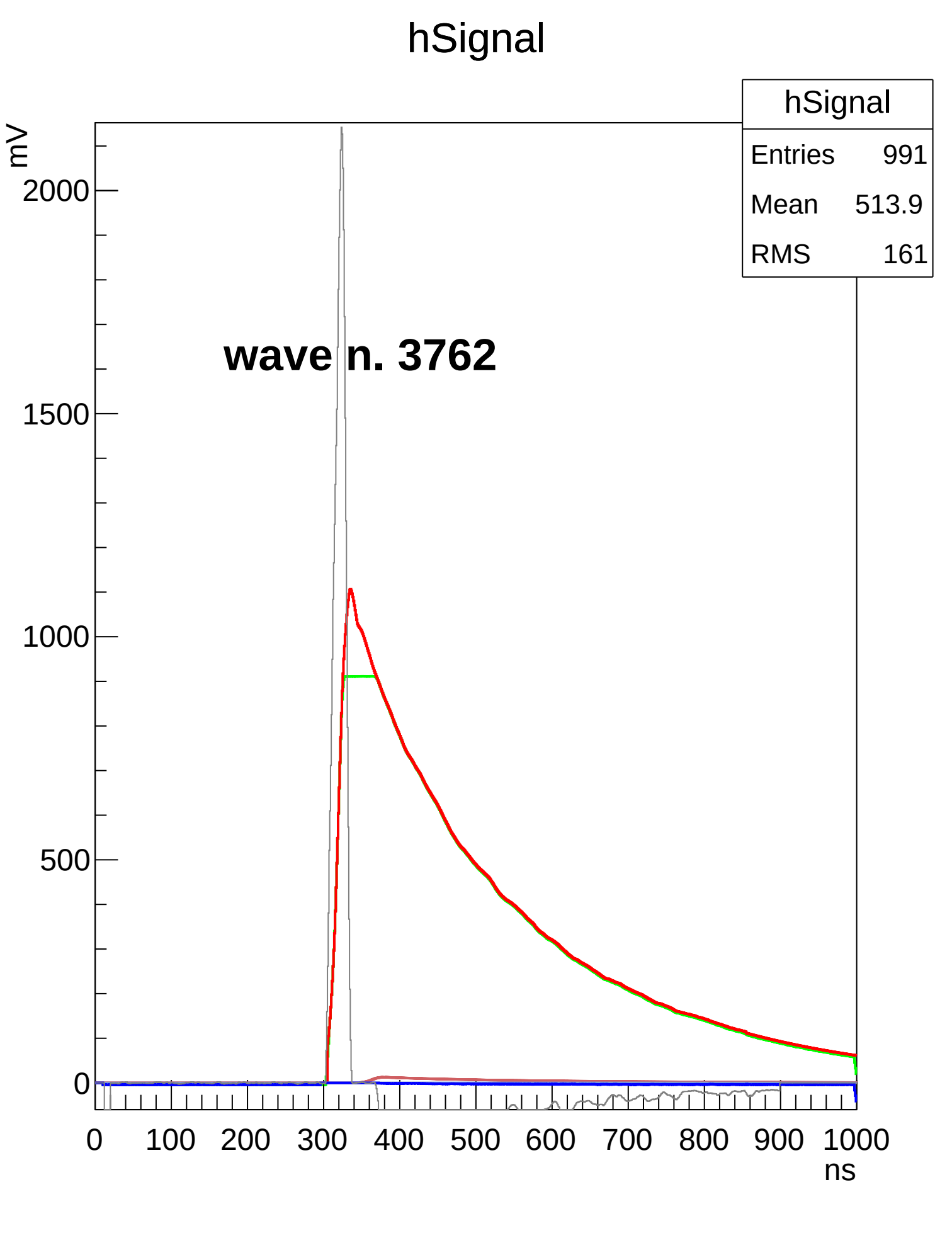
ns


hSignal
hSignal
Entries 991
Mean 513.9
RMS 161
wave n. 3762
mV
2000
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1000
500
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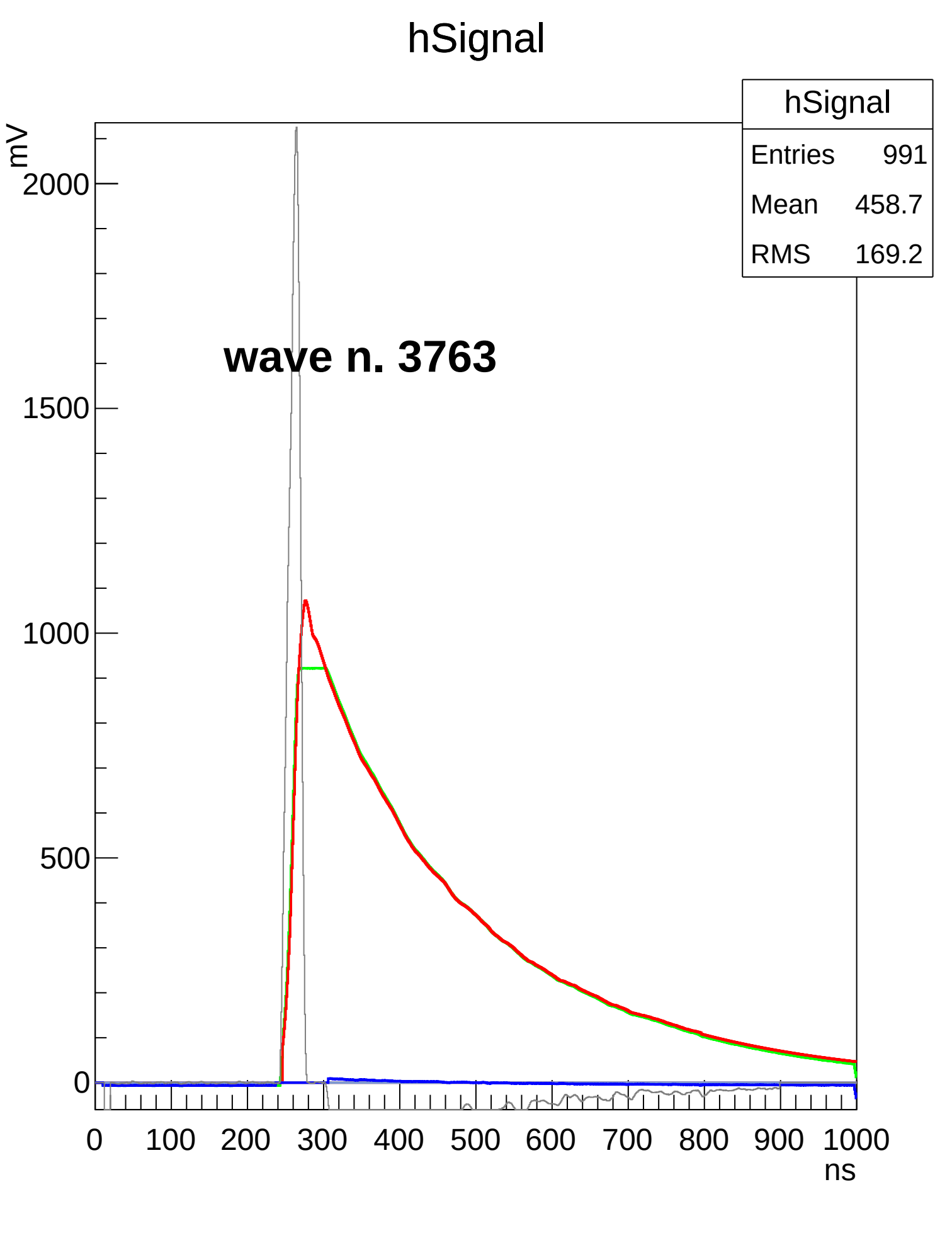
ns


hSignal
hSignal
Entries 991
Mean 458.7
RMS 169.2
wave n. 3763
mV
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1000
500
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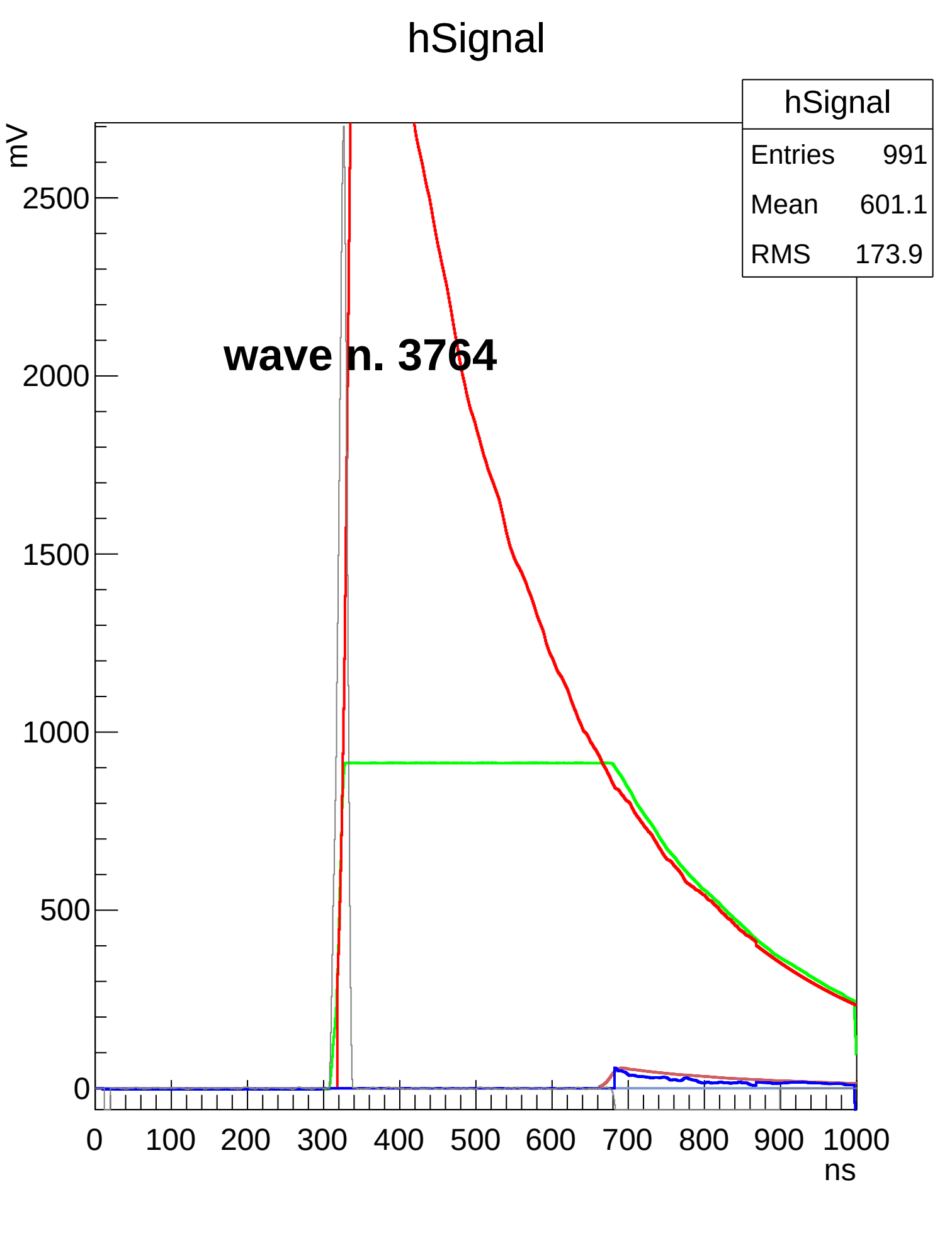
ns


hSignal
hSignal
Entries 991
Mean 601.1
RMS 173.9
wave n. 3764
mV
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1000
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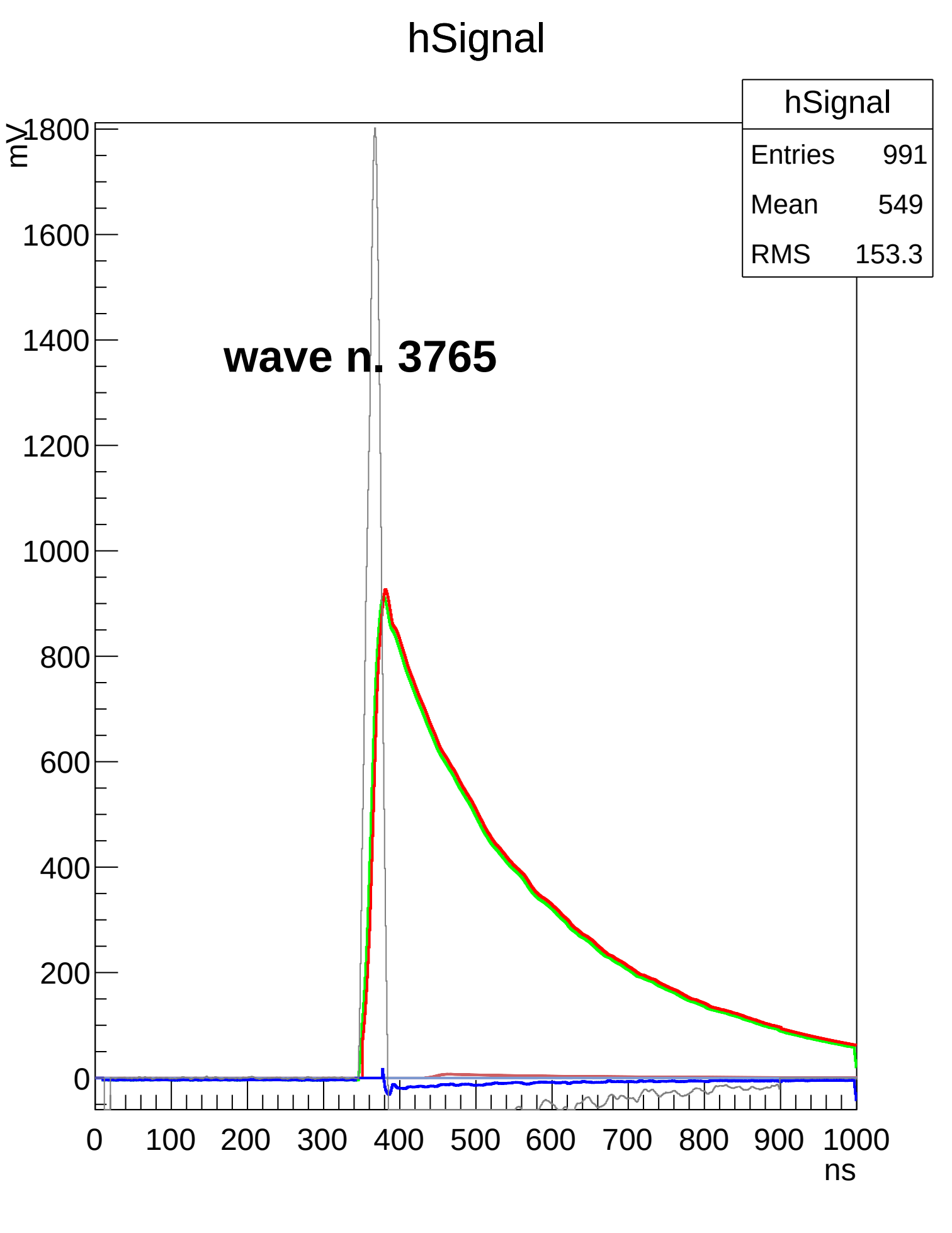
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549
RMS 153.3
wave n. 3765
mV
1800
1600
1400
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1000
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400
200
0
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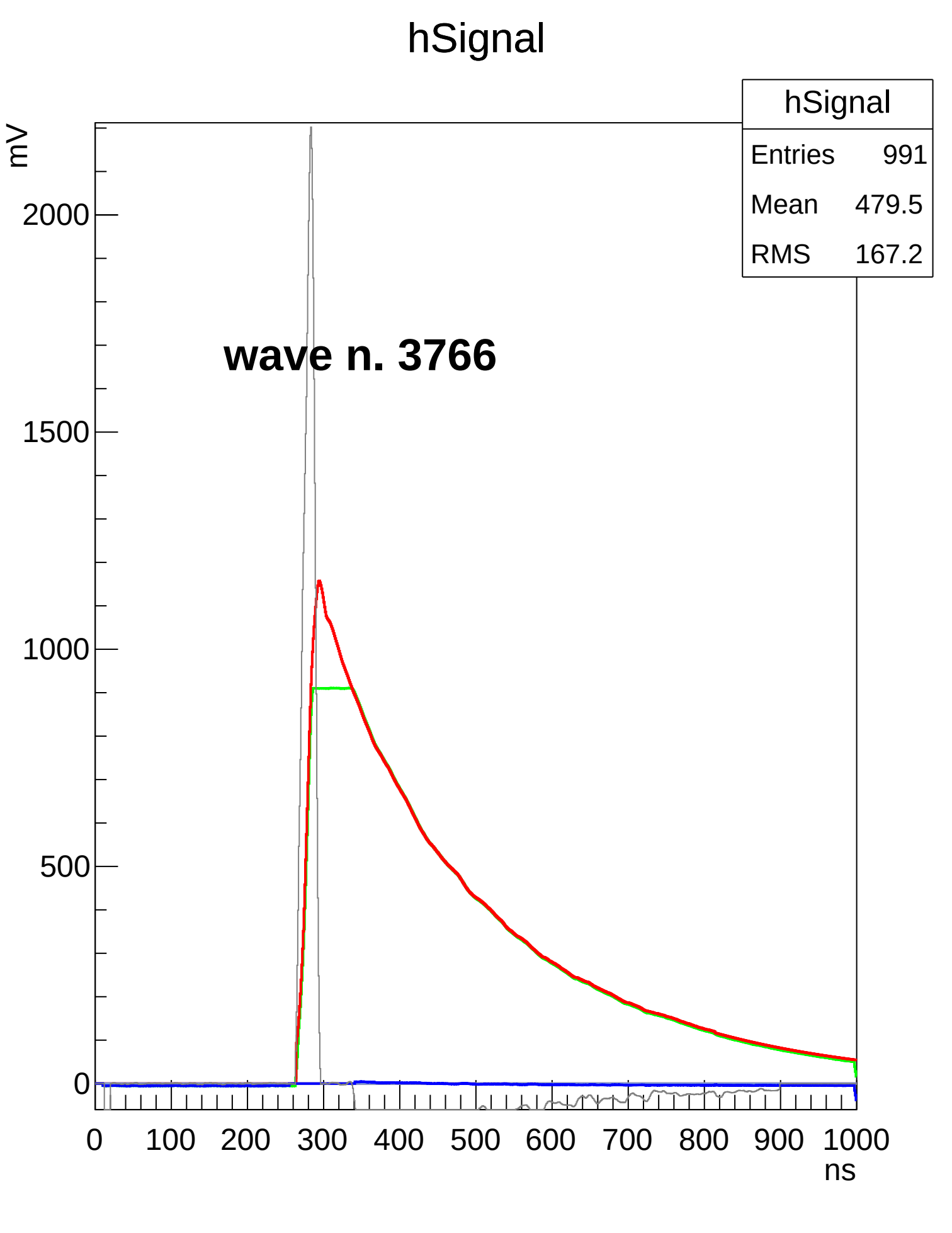
ns


hSignal
hSignal
Entries 991
Mean 479.5
RMS 167.2
wave n. 3766
mV
2000
1500
1000
500
0
0
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200
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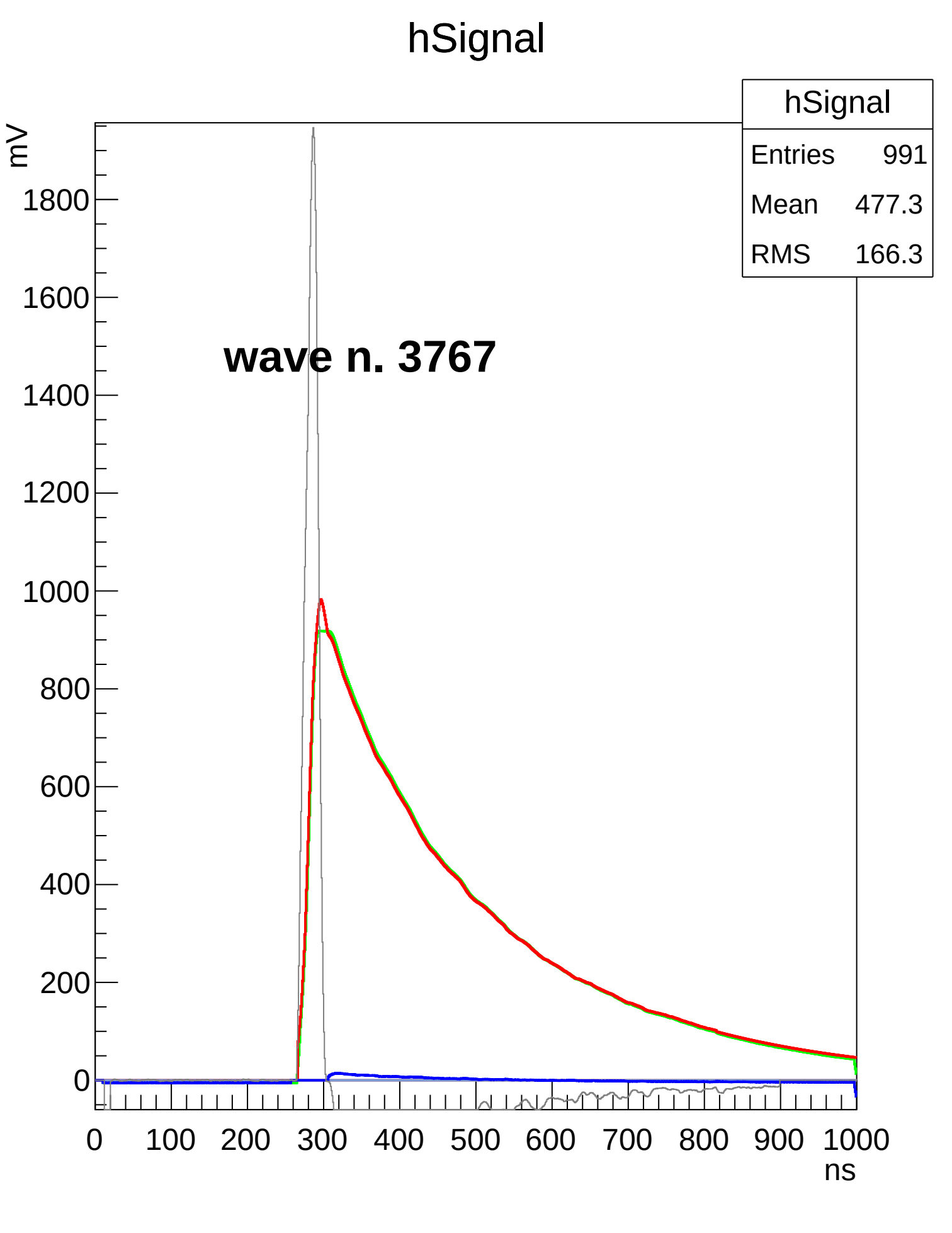
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 477.3
RMS 166.3
wave n. 3767
mV
1800
1600
1400
1200
1000
800
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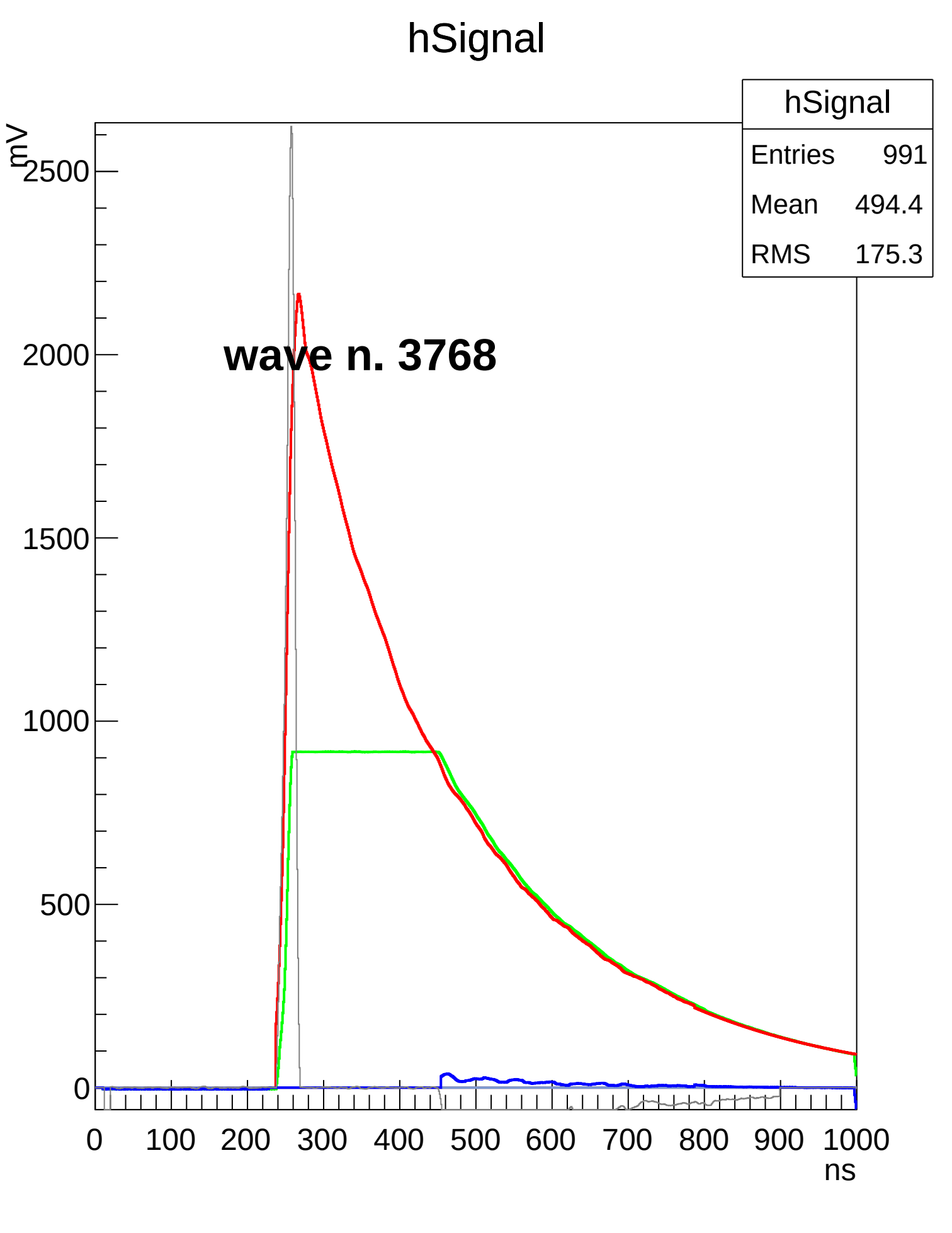
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 494.4
RMS 175.3
wave n. 3768
mV
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1500
1000
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200
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400
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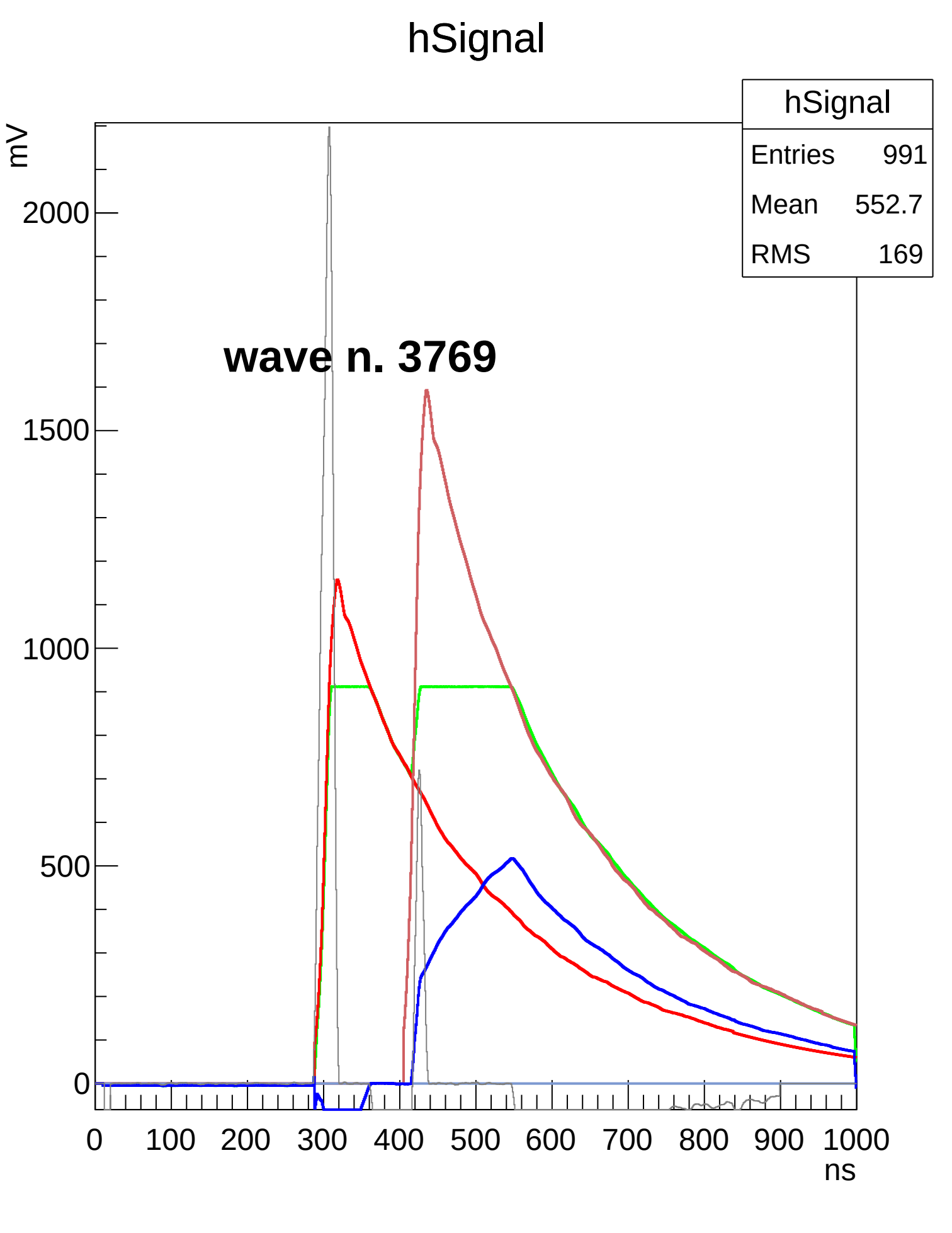
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.7
RMS 169
wave n. 3769
mV
2000
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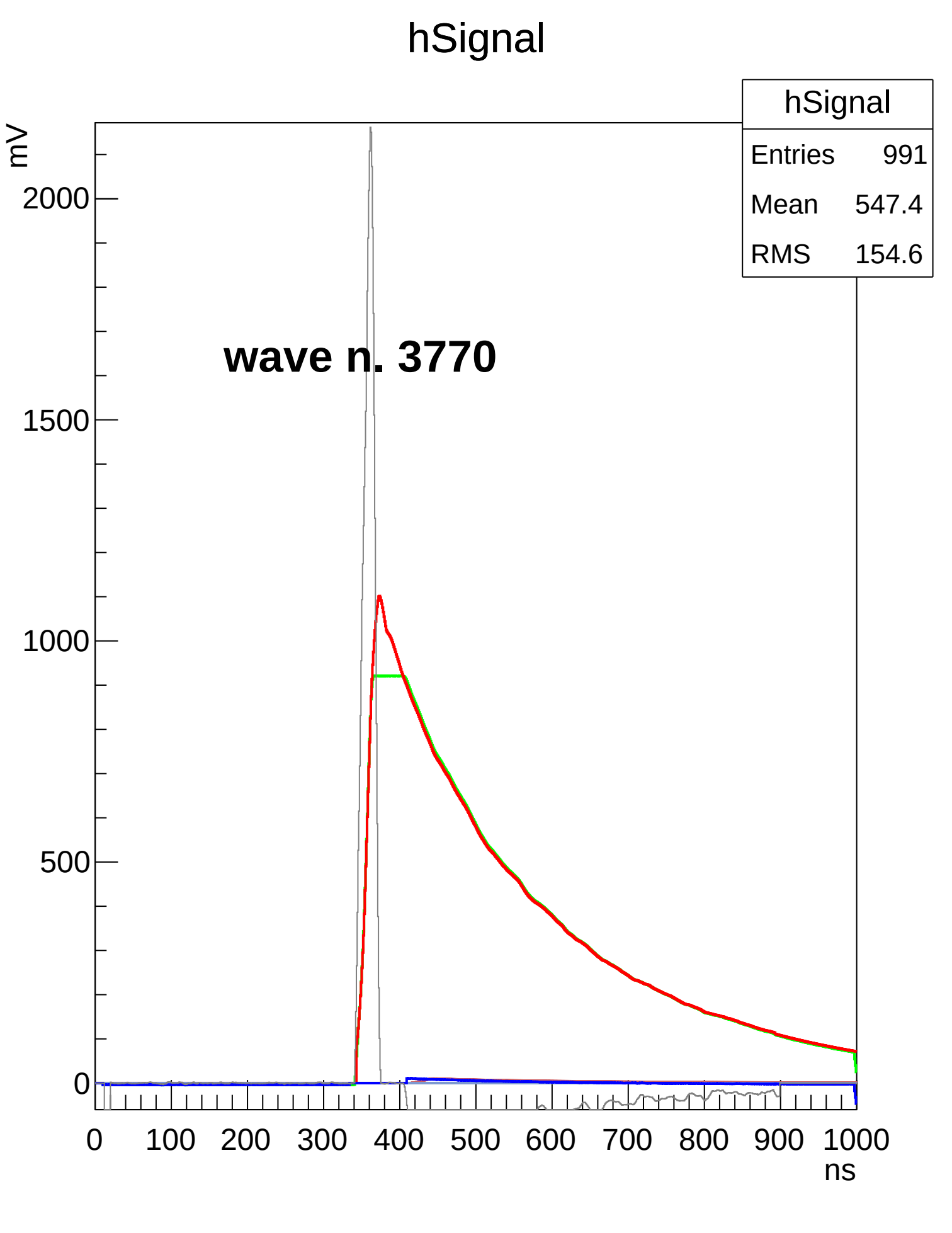
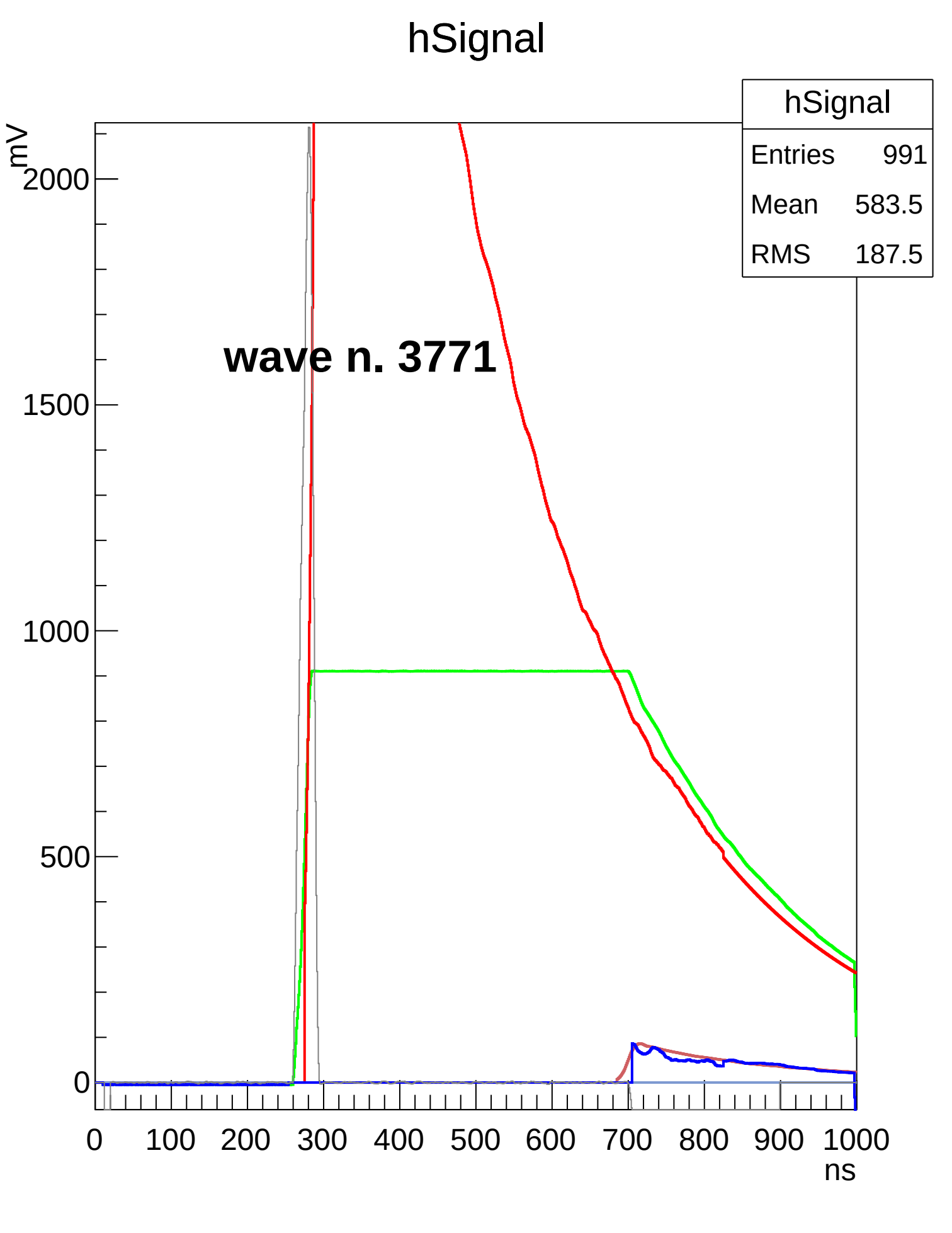
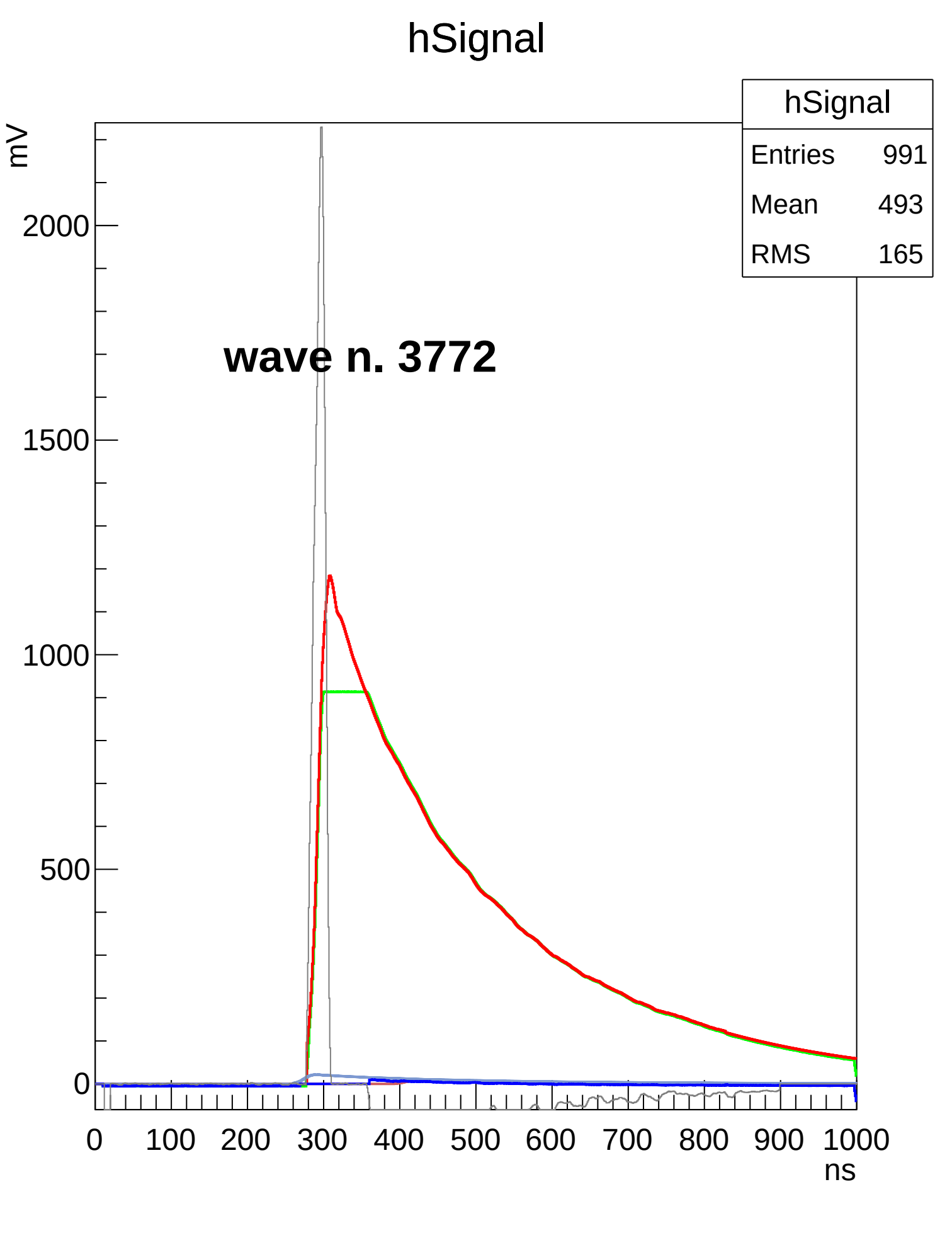
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 547.4
RMS 154.6
wave n. 3770
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 583.5
RMS 187.5
wave n. 3771
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 493
RMS 165
wave n. 3772
mV
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1500
1000
500
0
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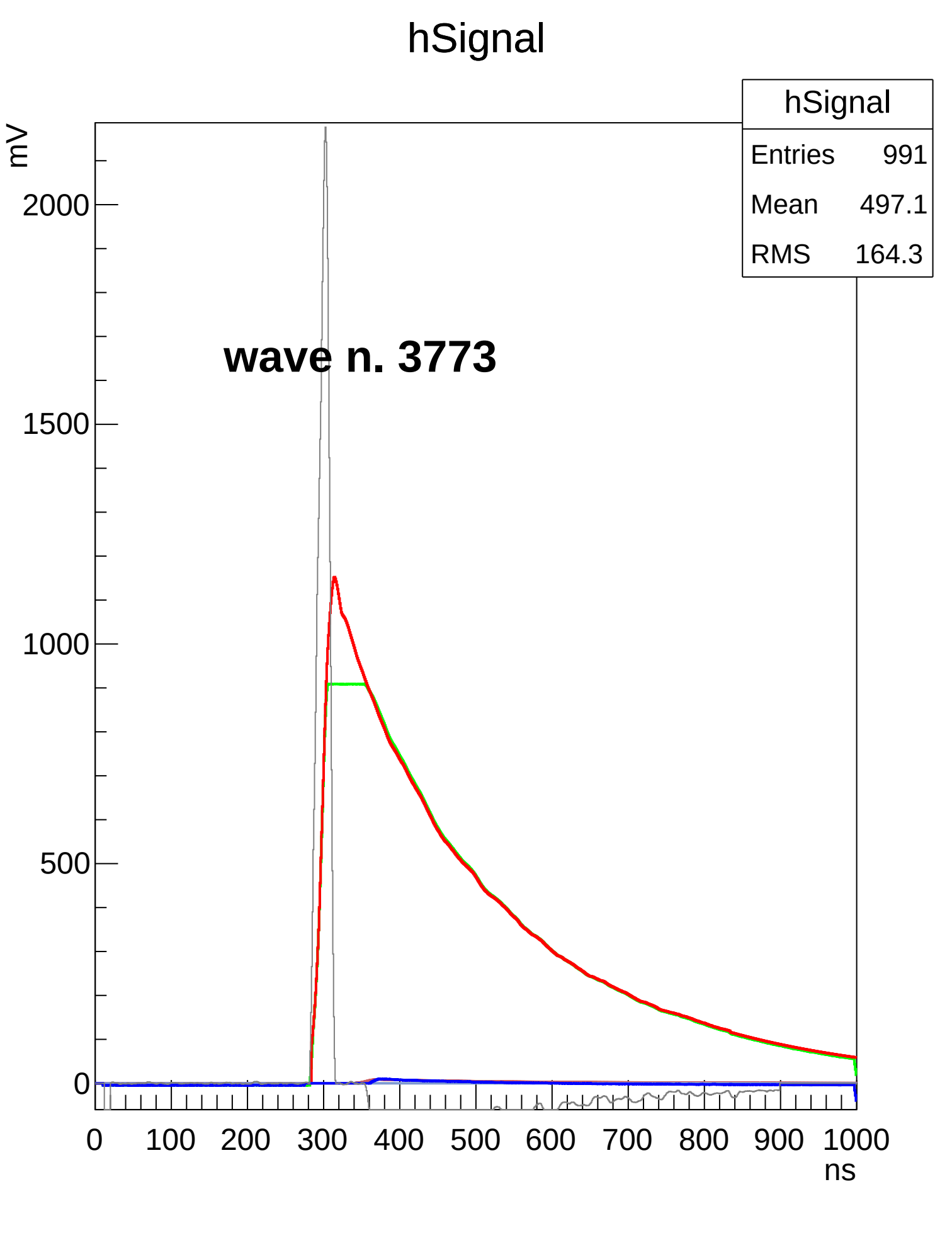
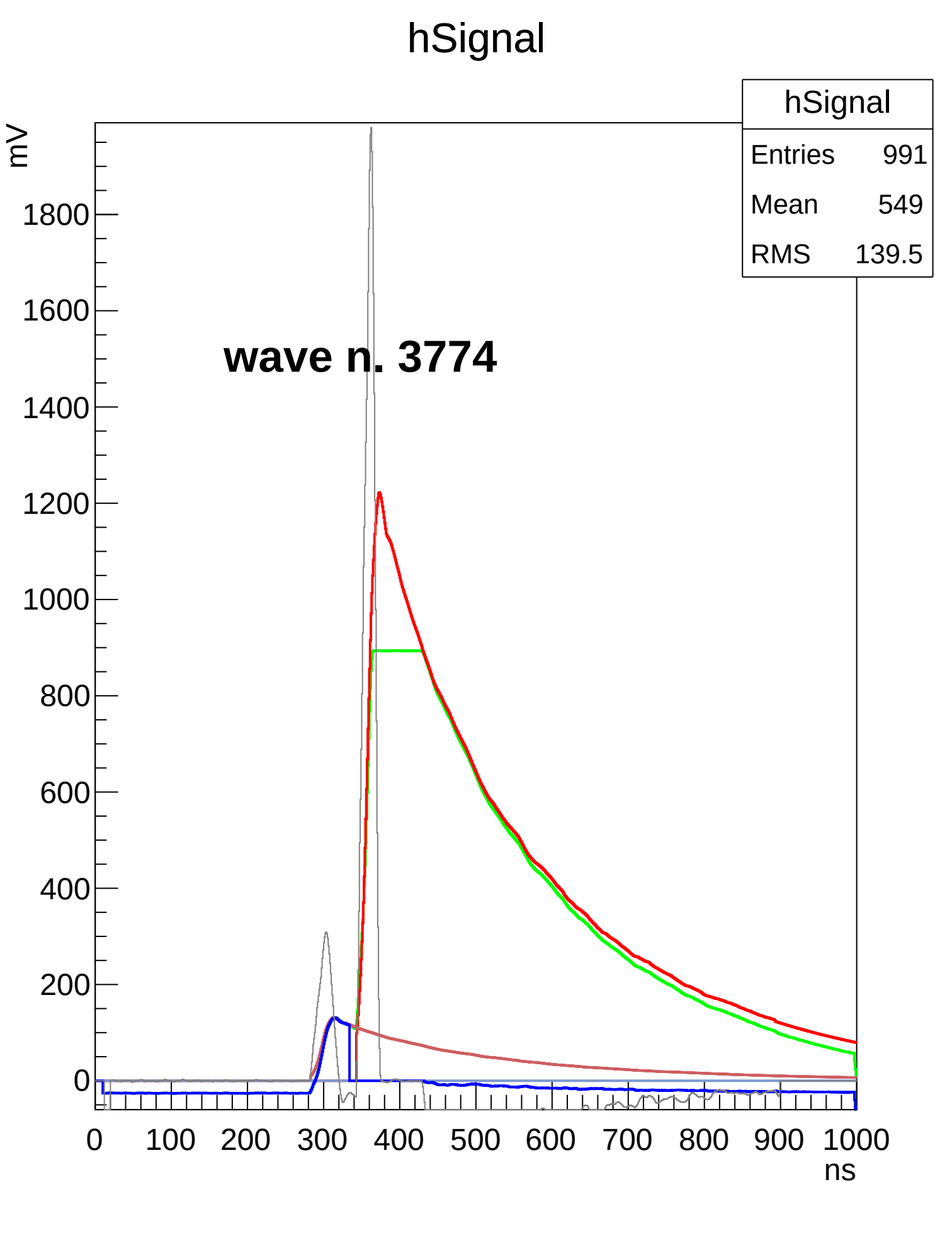
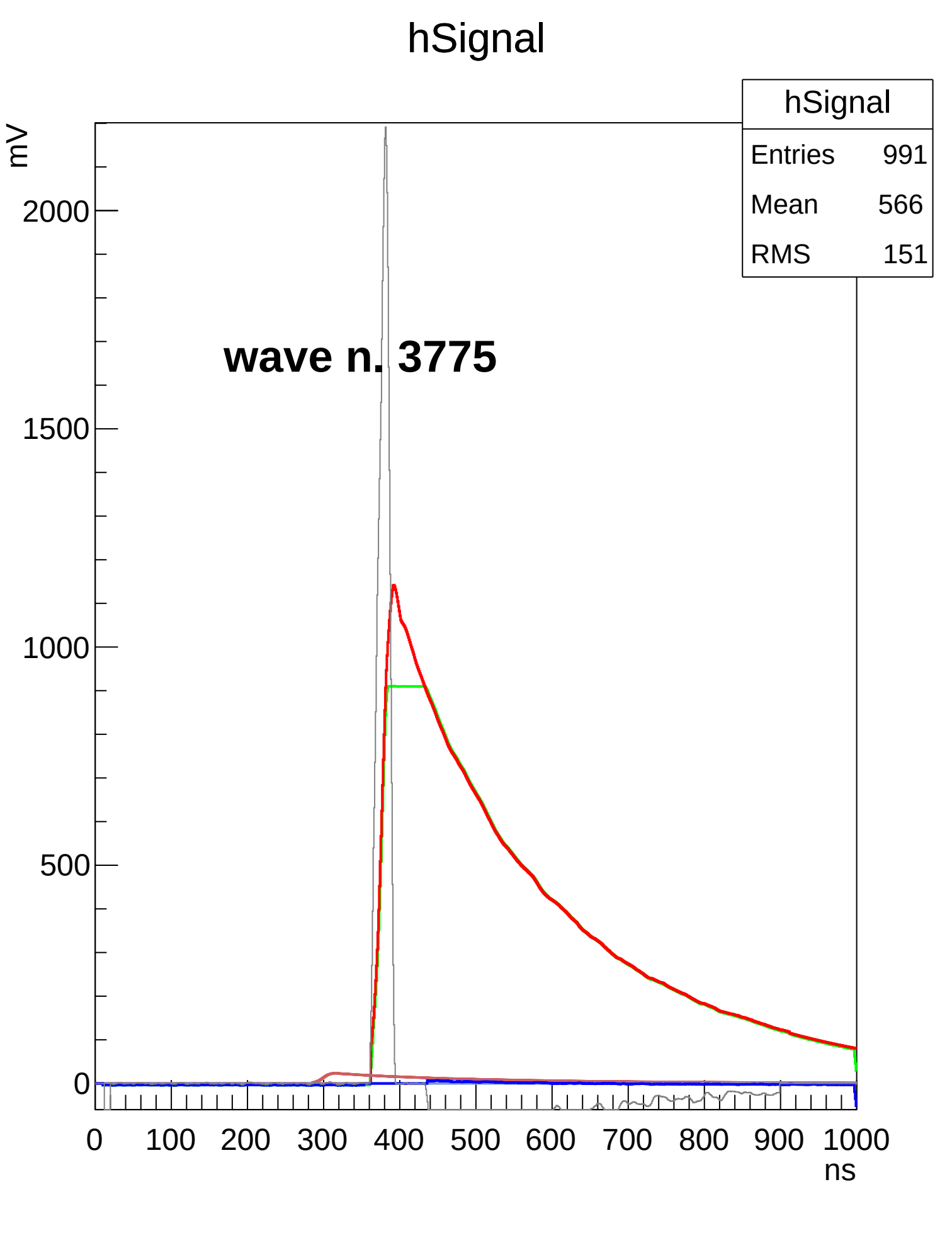
ns


hSignal
hSignal
Entries 991
Mean 497.1
RMS 164.3
wave n. 3773
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549
RMS 139.5
wave n. 3774
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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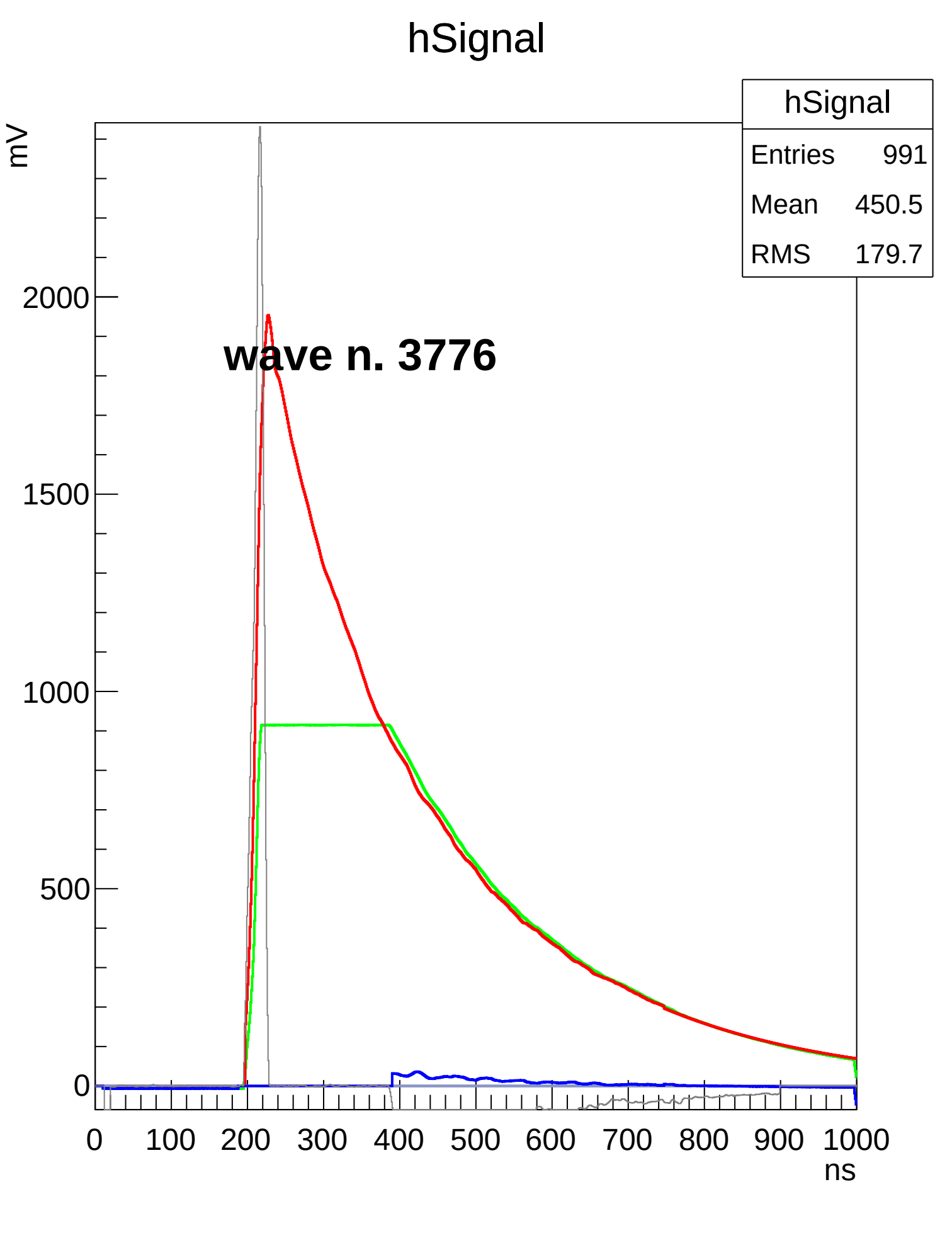
hSignal
Entries 991
Mean 566
RMS 151
wave n. 3775
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 450.5
RMS 179.7
wave n. 3776
mV
2000
1500
1000
500
0
0
100
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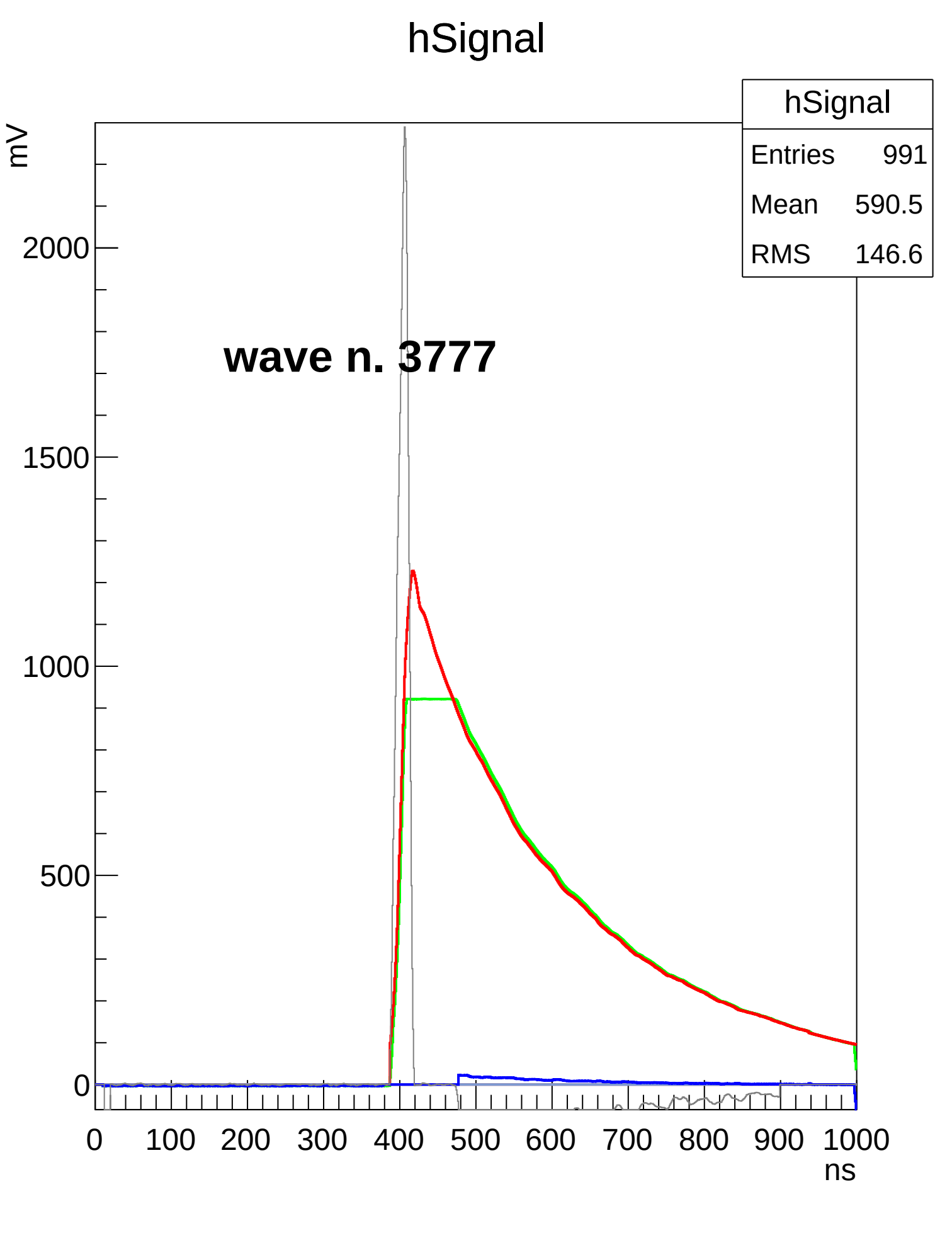
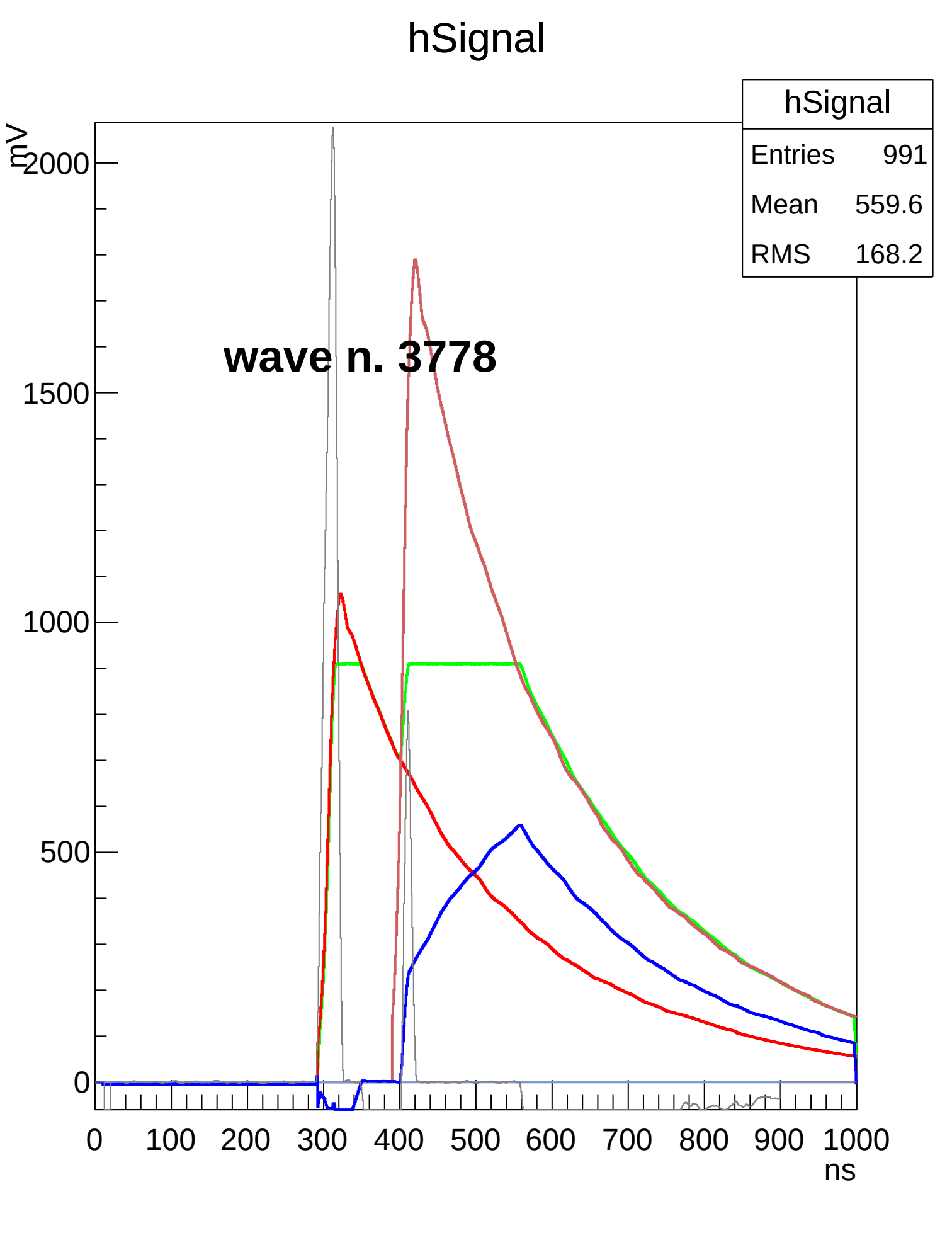
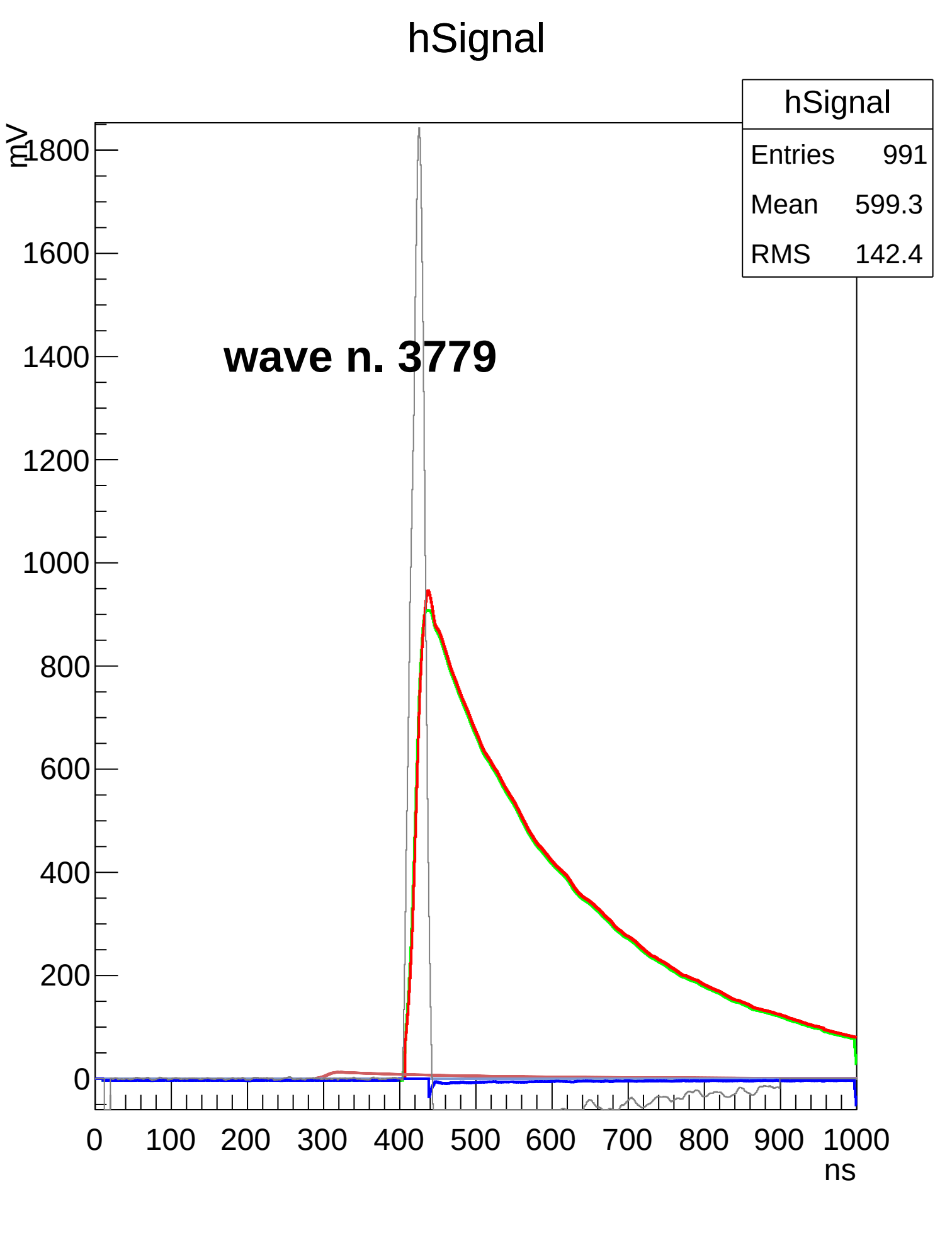
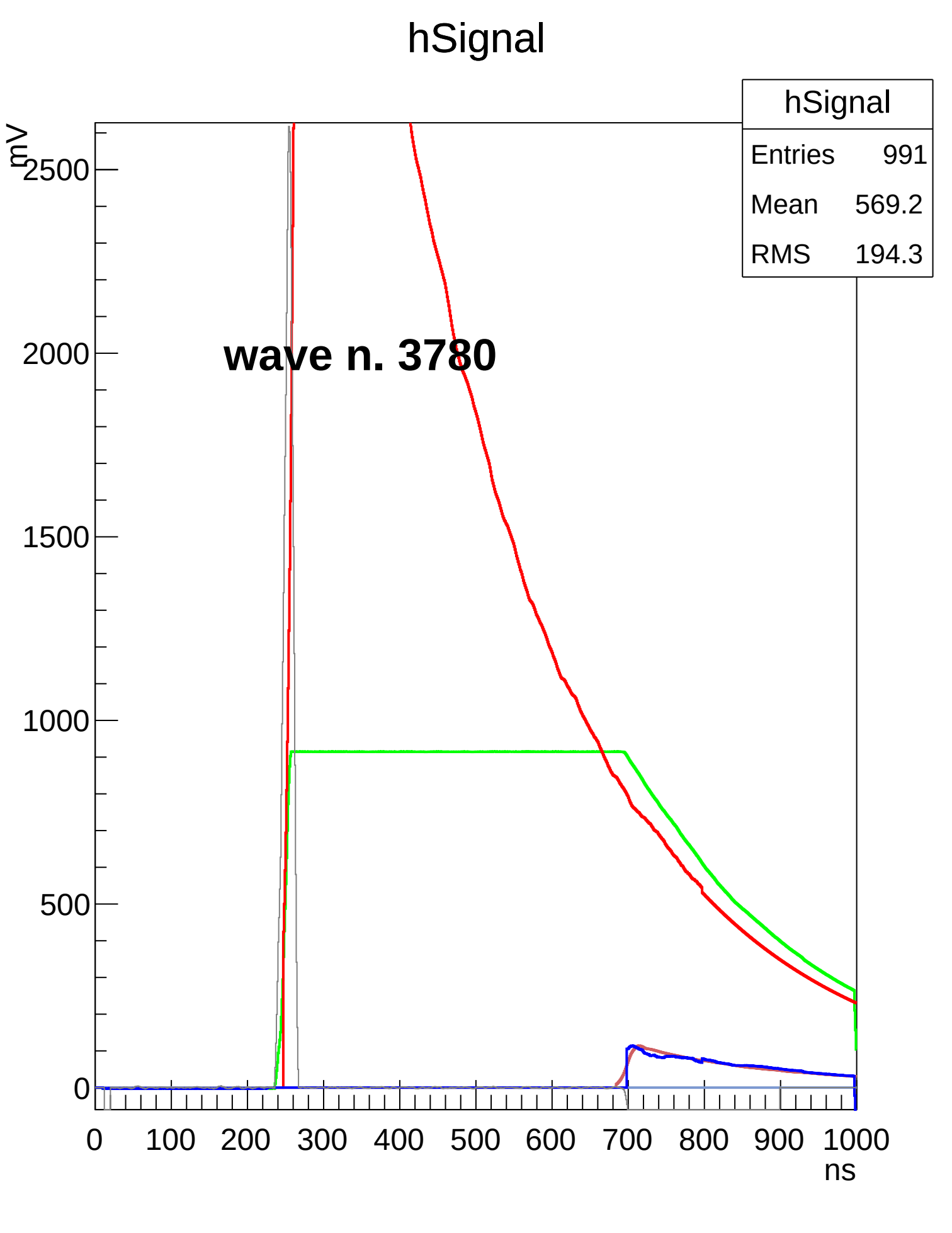
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 590.5
RMS 146.6
wave n. 3777
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 559.6
RMS 168.2
wave n. 3778
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 599.3
RMS 142.4
wave n. 3779
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 569.2
RMS 194.3
wave n. 3780
mV
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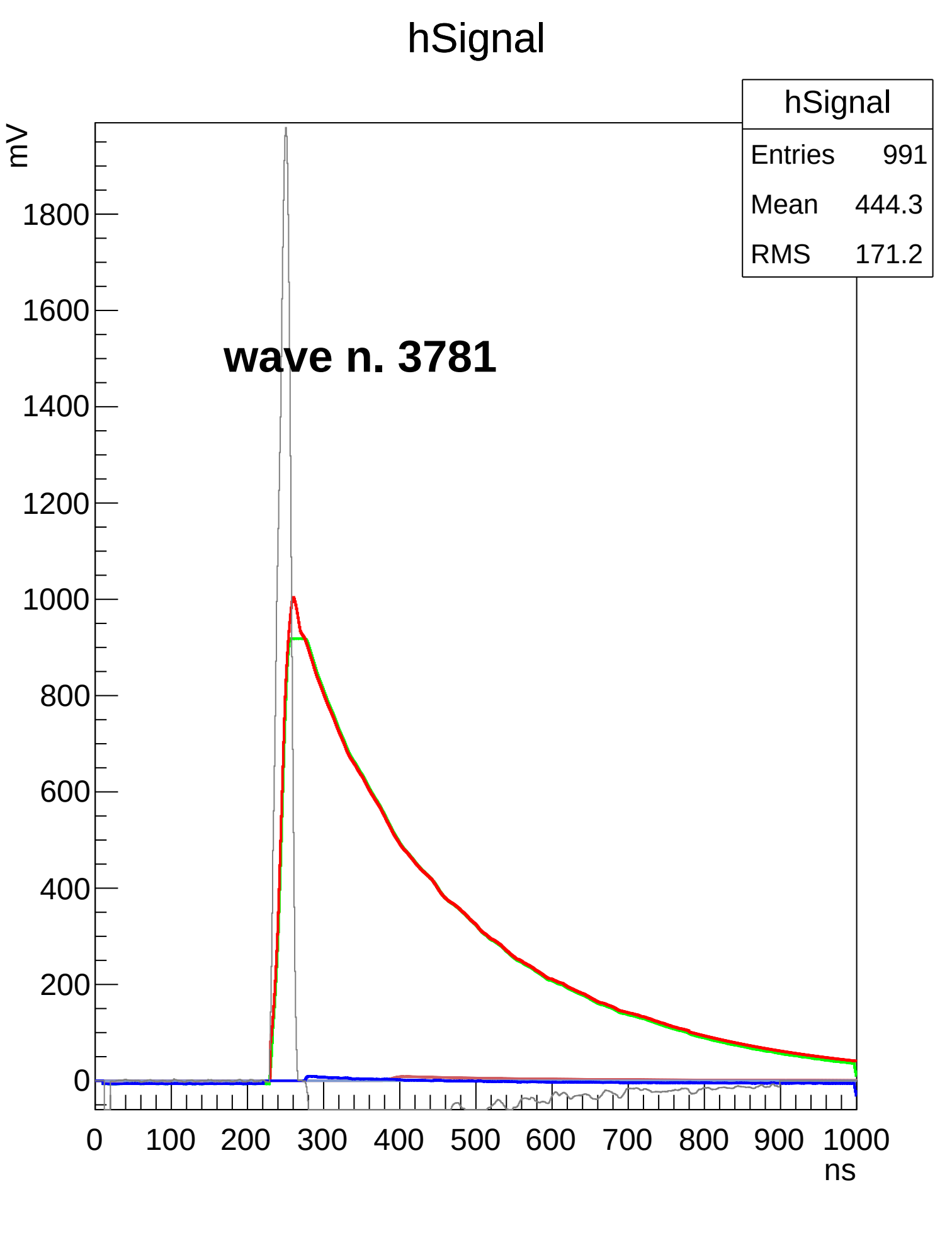
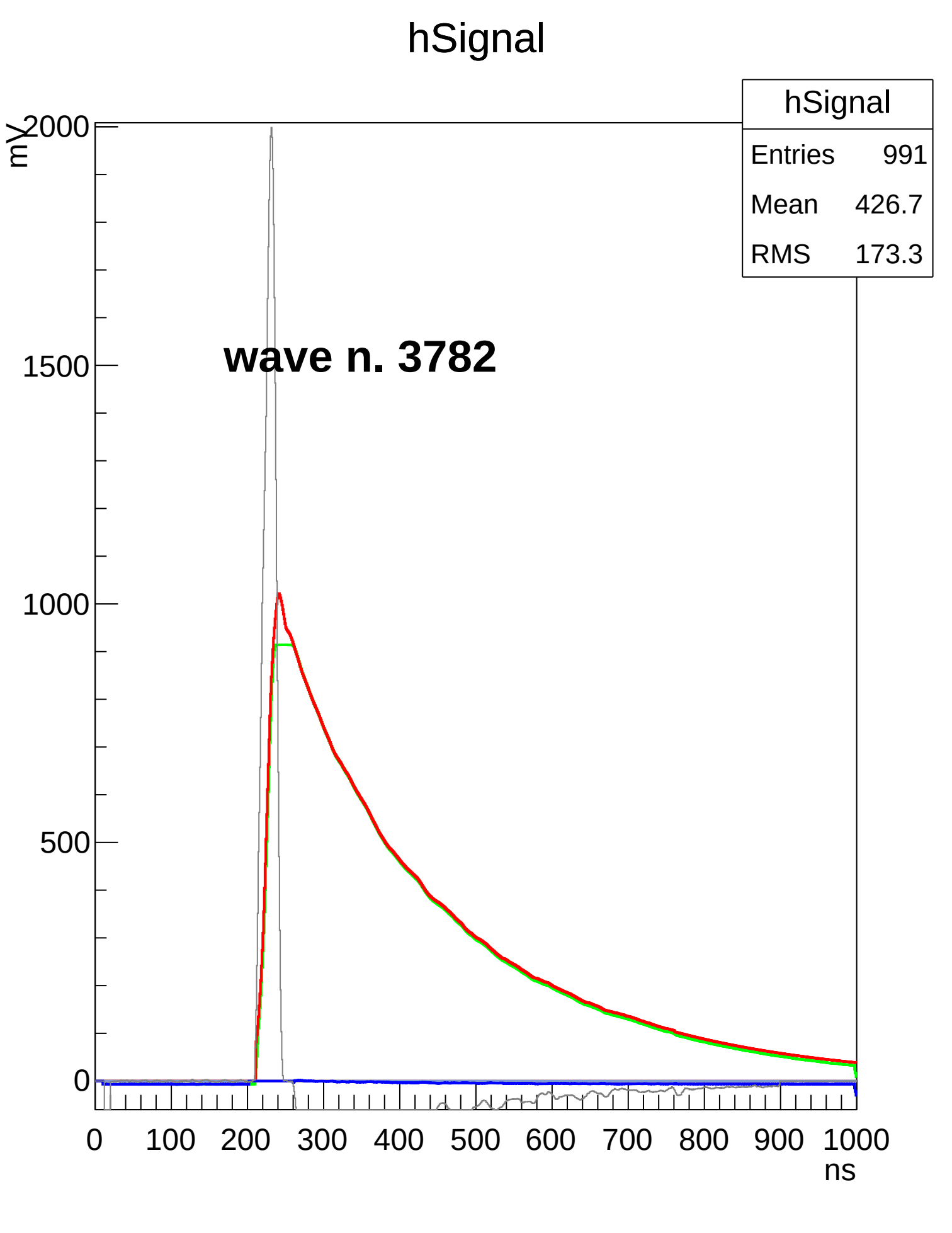
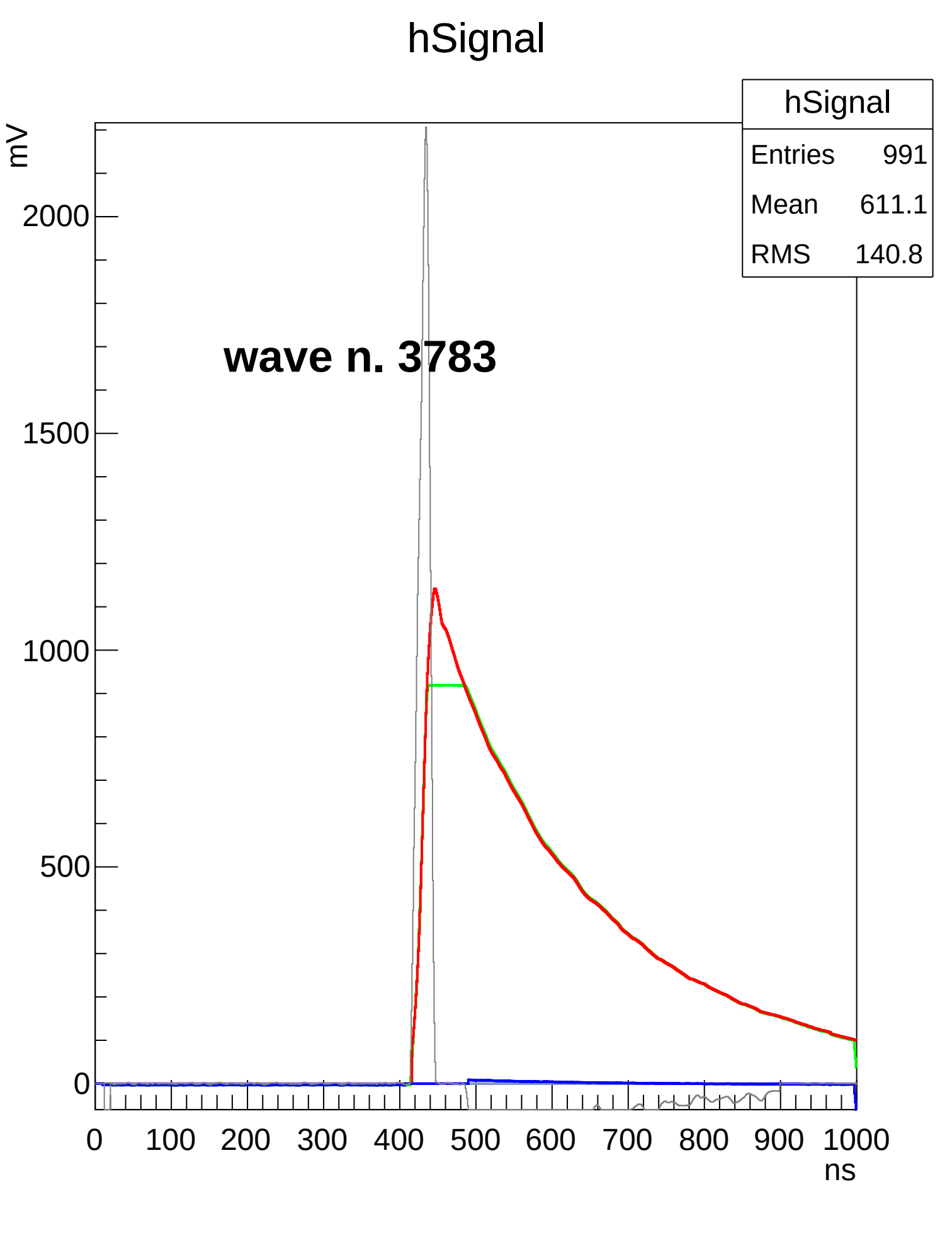
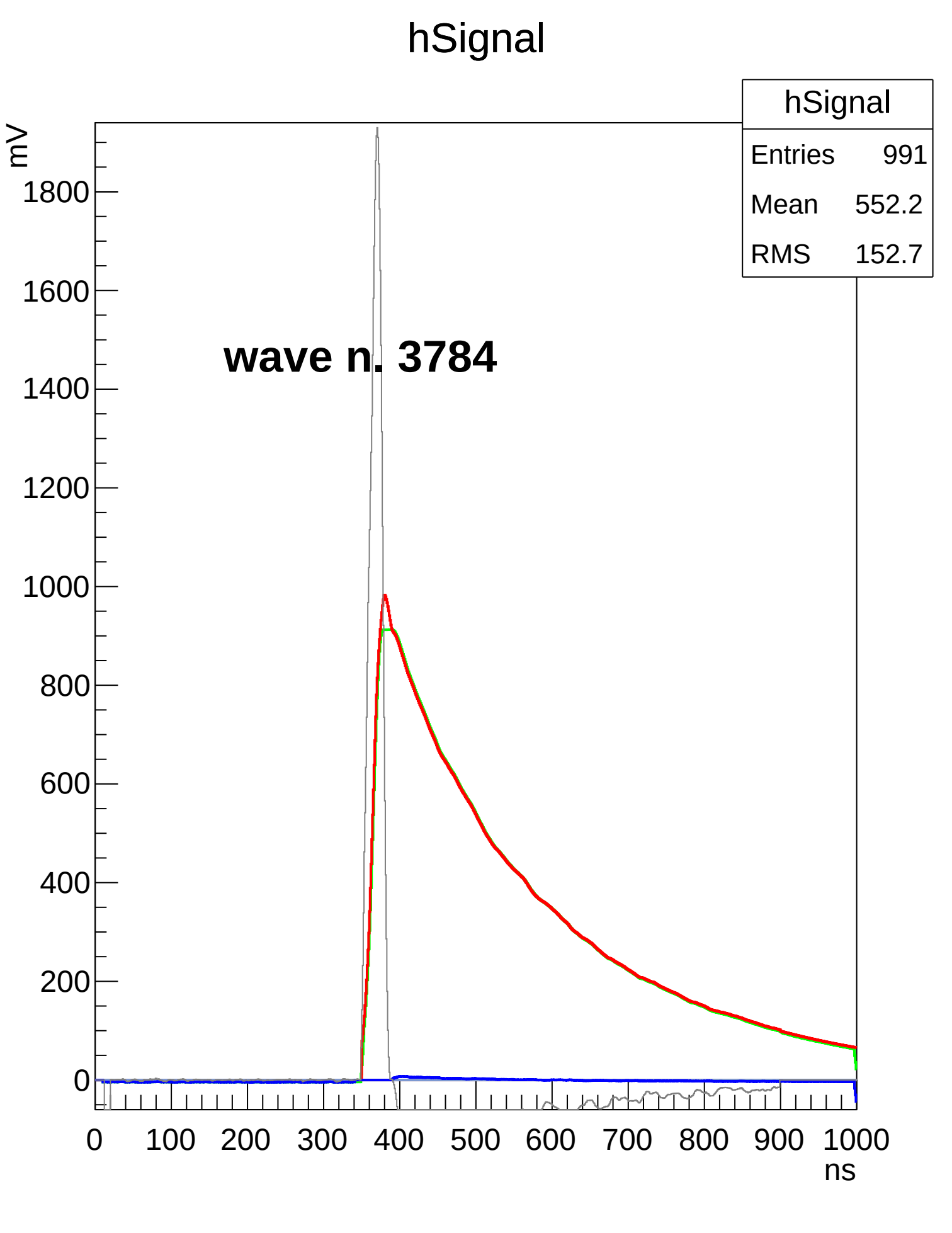
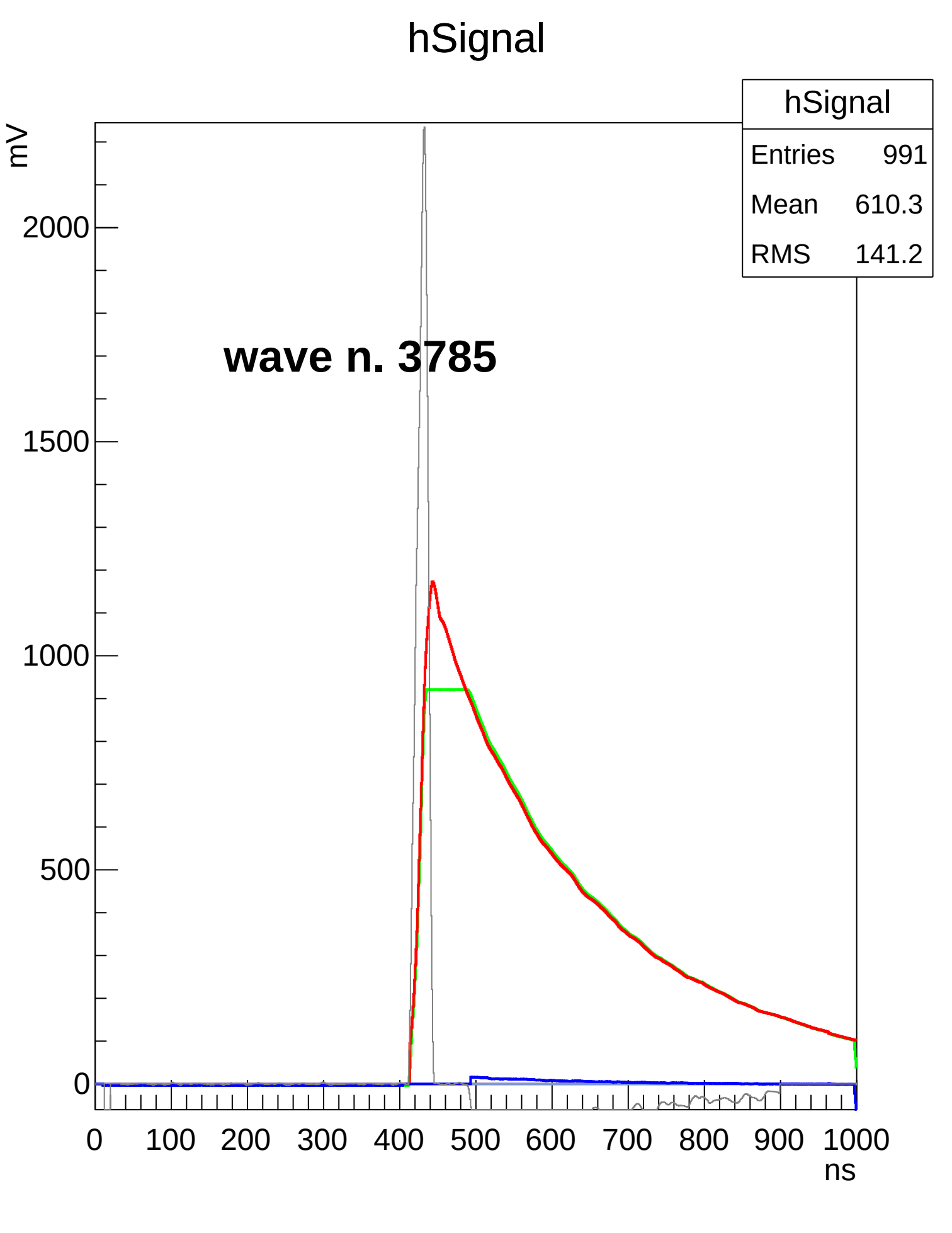
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

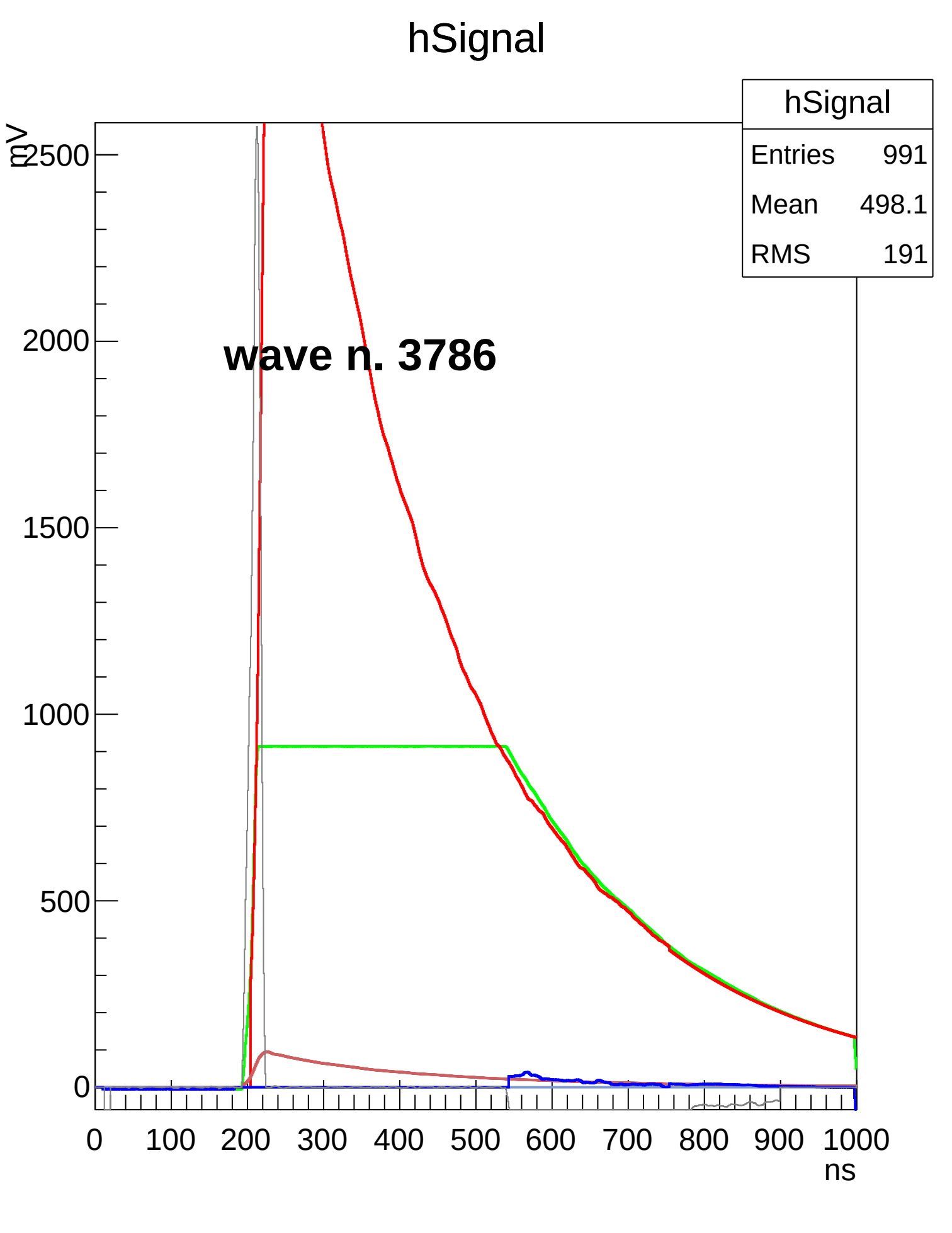

hSignal
hSignal
Entries 991
Mean 444.3
RMS 171.2
wave n. 3781
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

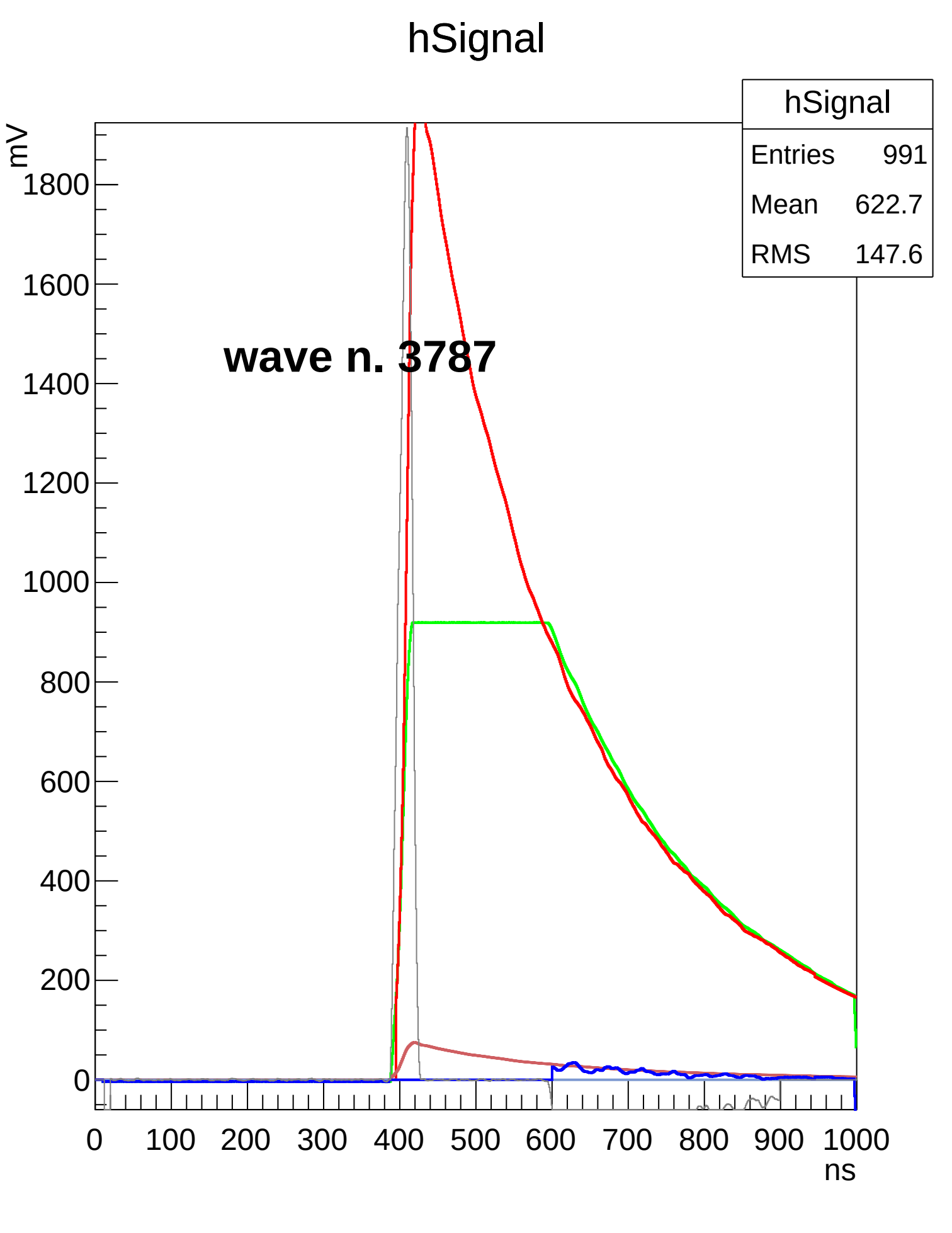

hSignal
hSignal
Entries 991
Mean 426.7
RMS 173.3
wave n. 3782
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

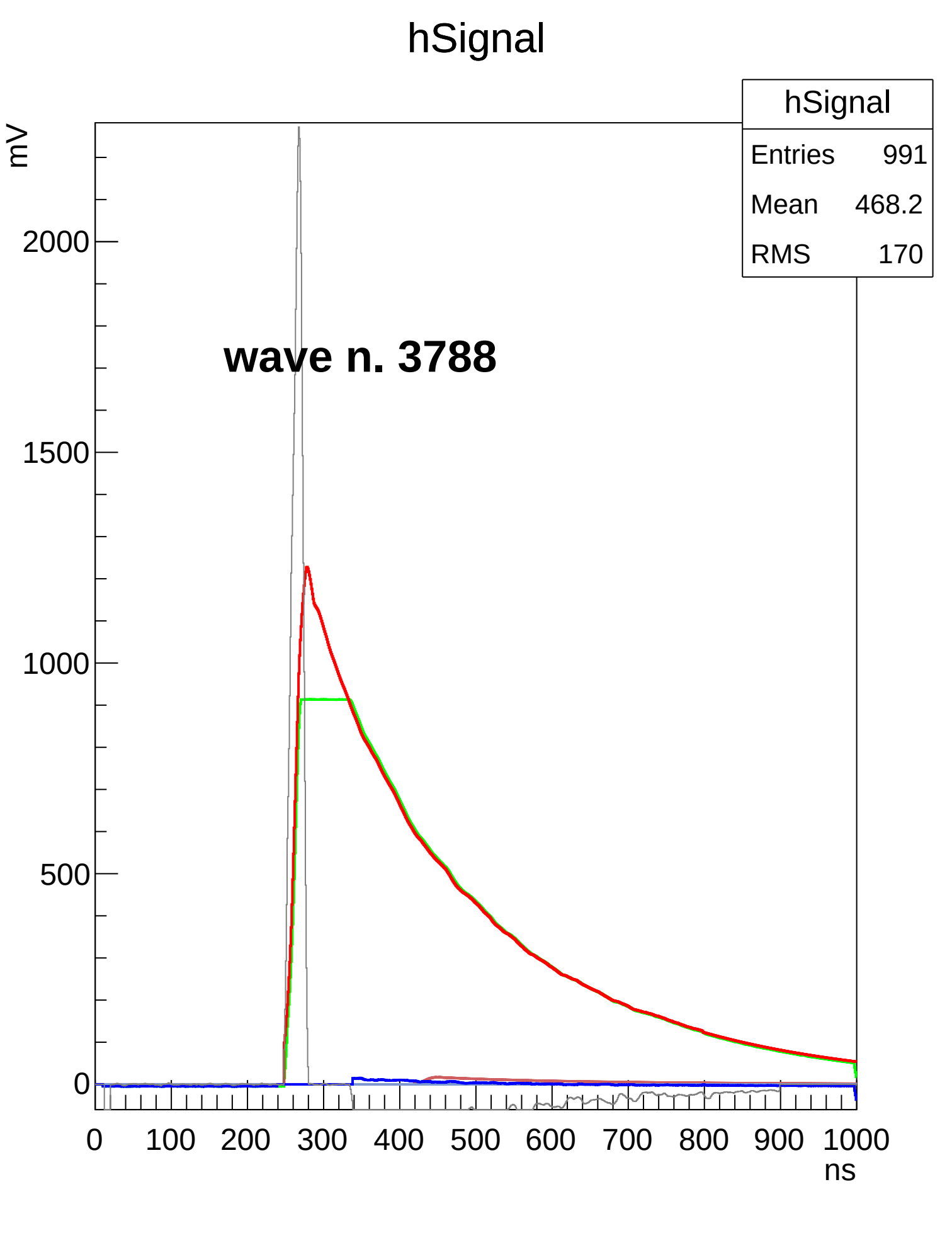

hSignal
hSignal
Entries 991
Mean 611.1
RMS 140.8
wave n. 3783
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.2
RMS 152.7
wave n. 3784
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 610.3
RMS 141.2
wave n. 3785
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 498.1
RMS 191
wave n. 3786
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 622.7
RMS 147.6
wave n. 3787
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 468.2
RMS 170
wave n. 3788
mV
2000
1500
1000
500
0
0
100
200
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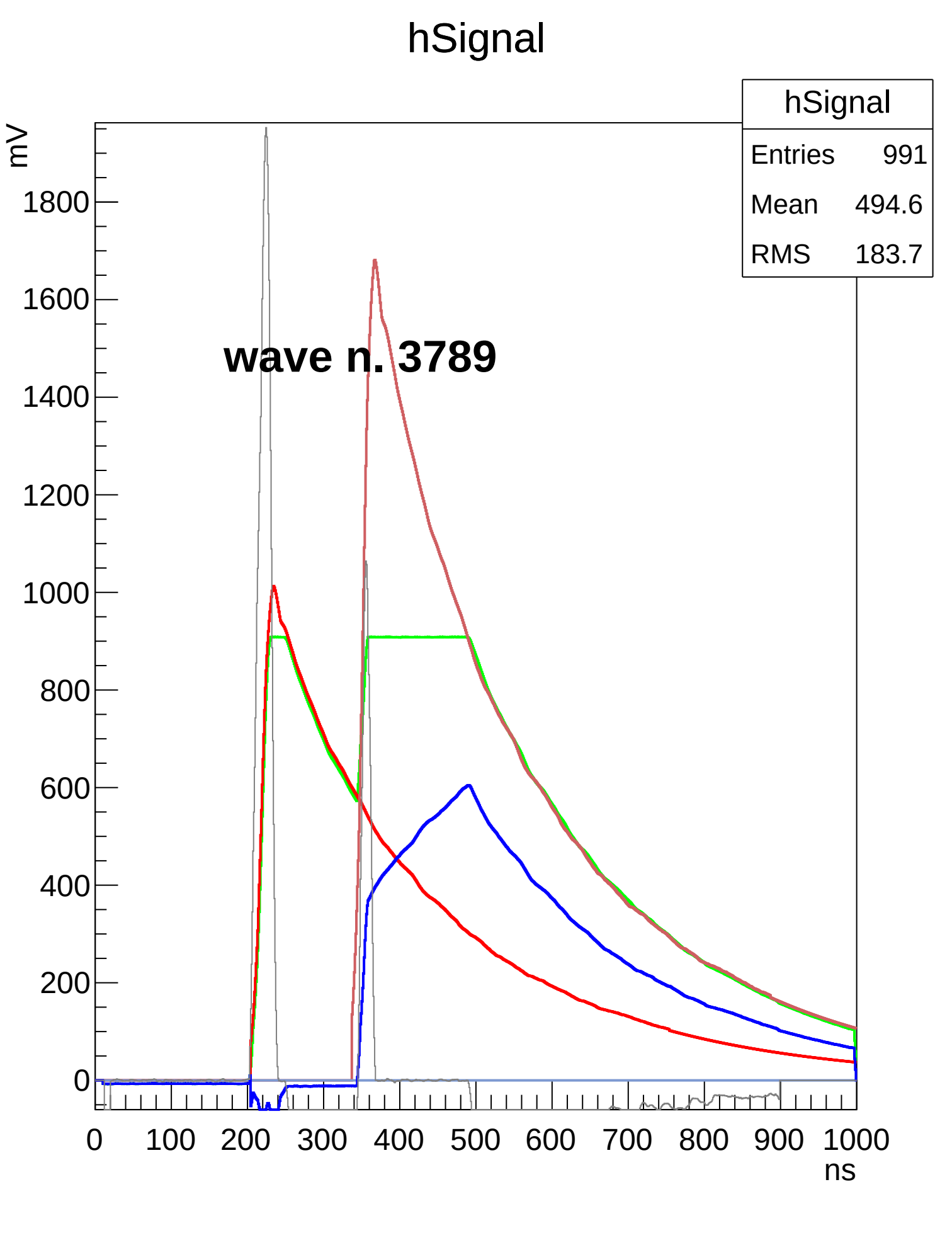
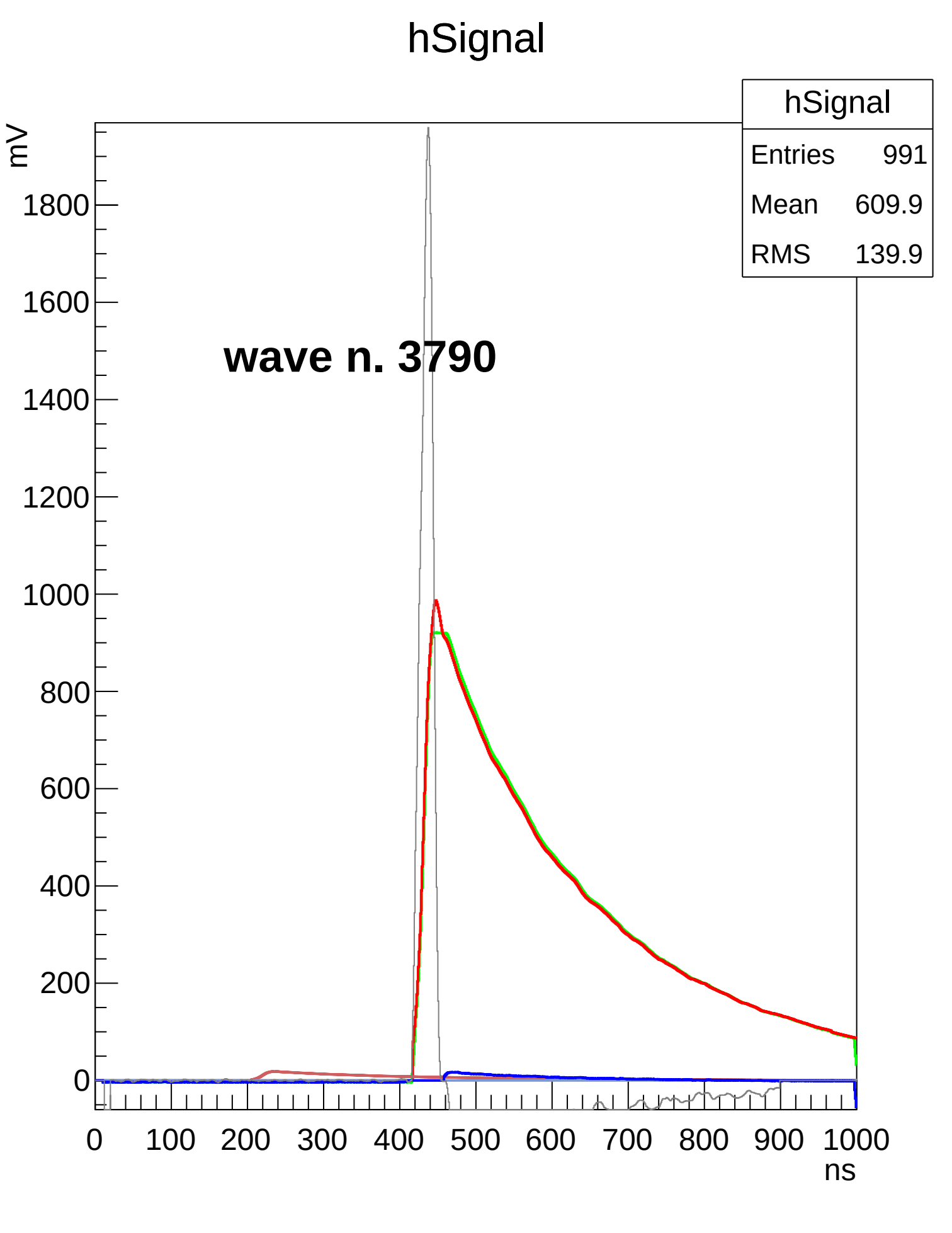
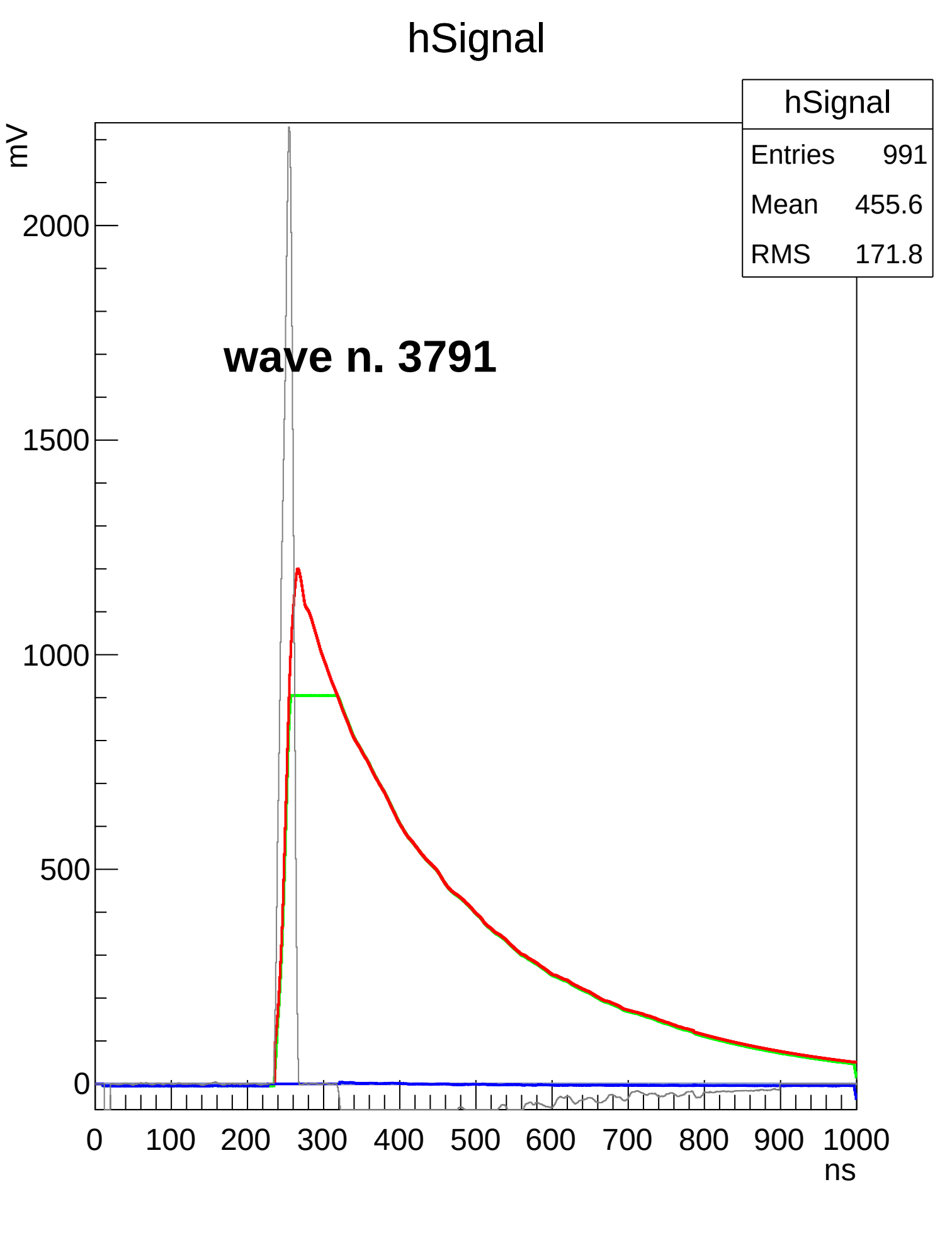
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 494.6
RMS 183.7
wave n. 3789
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 609.9
RMS 139.9
wave n. 3790
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 455.6
RMS 171.8
wave n. 3791
mV
2000
1500
1000
500
0
0
100
200
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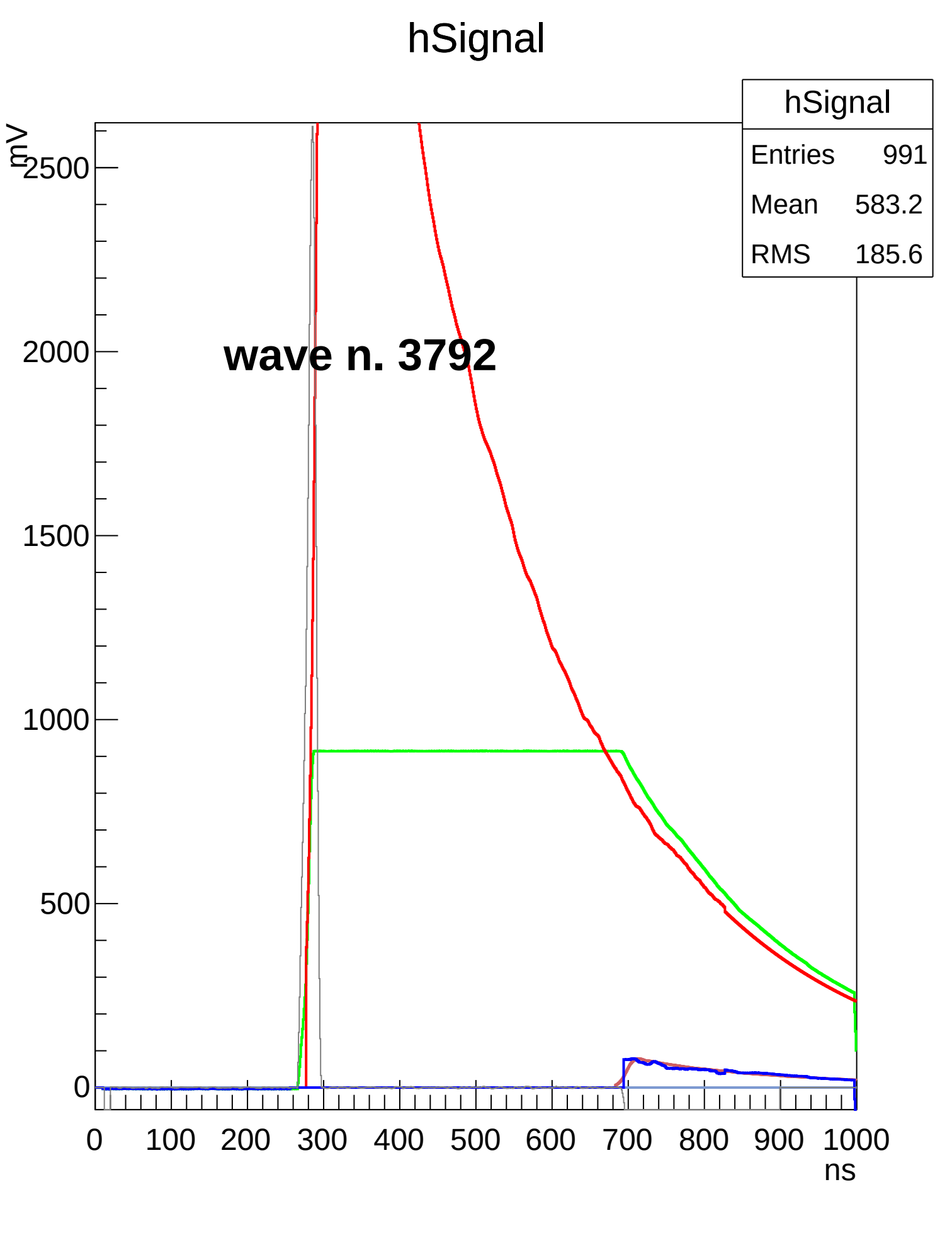
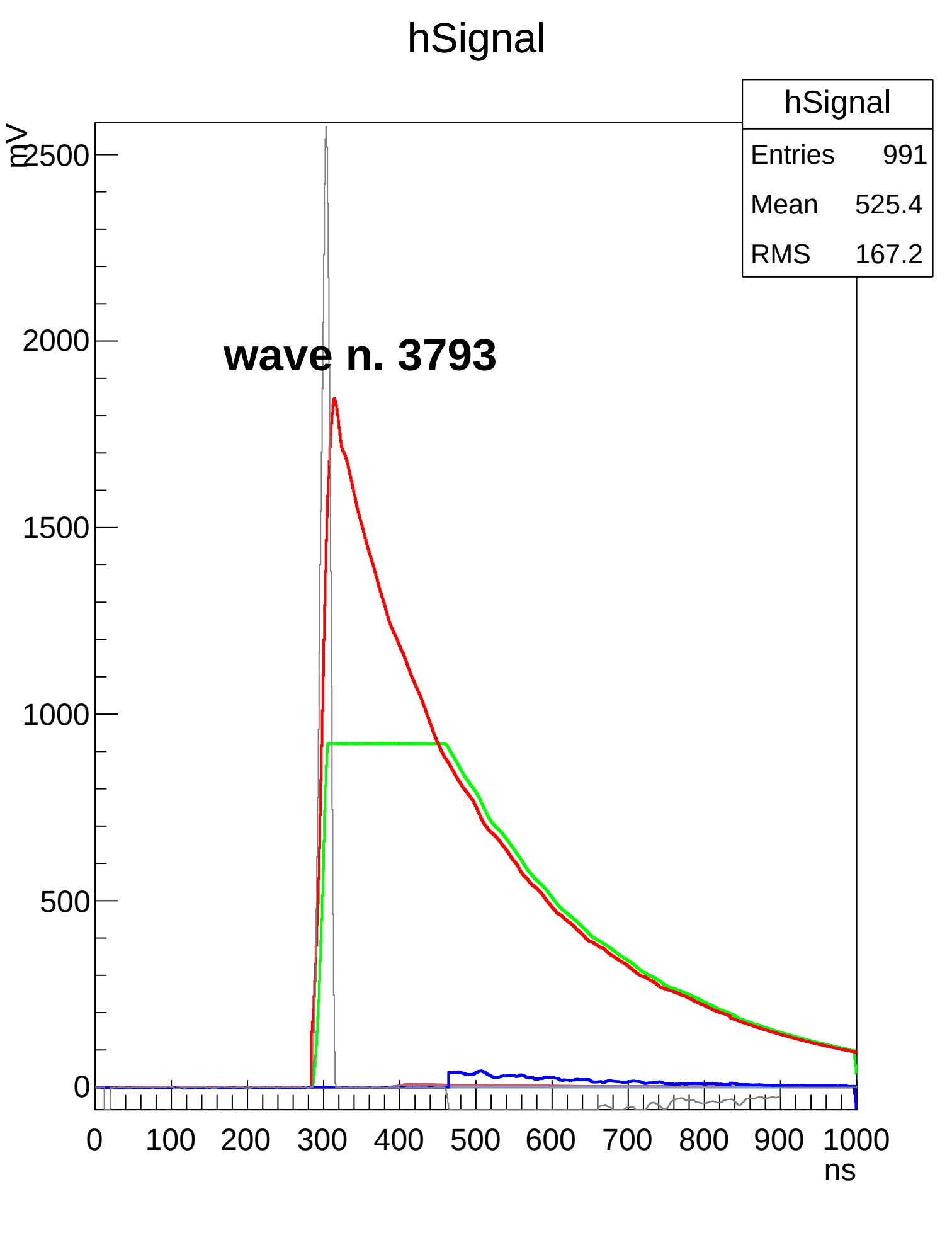
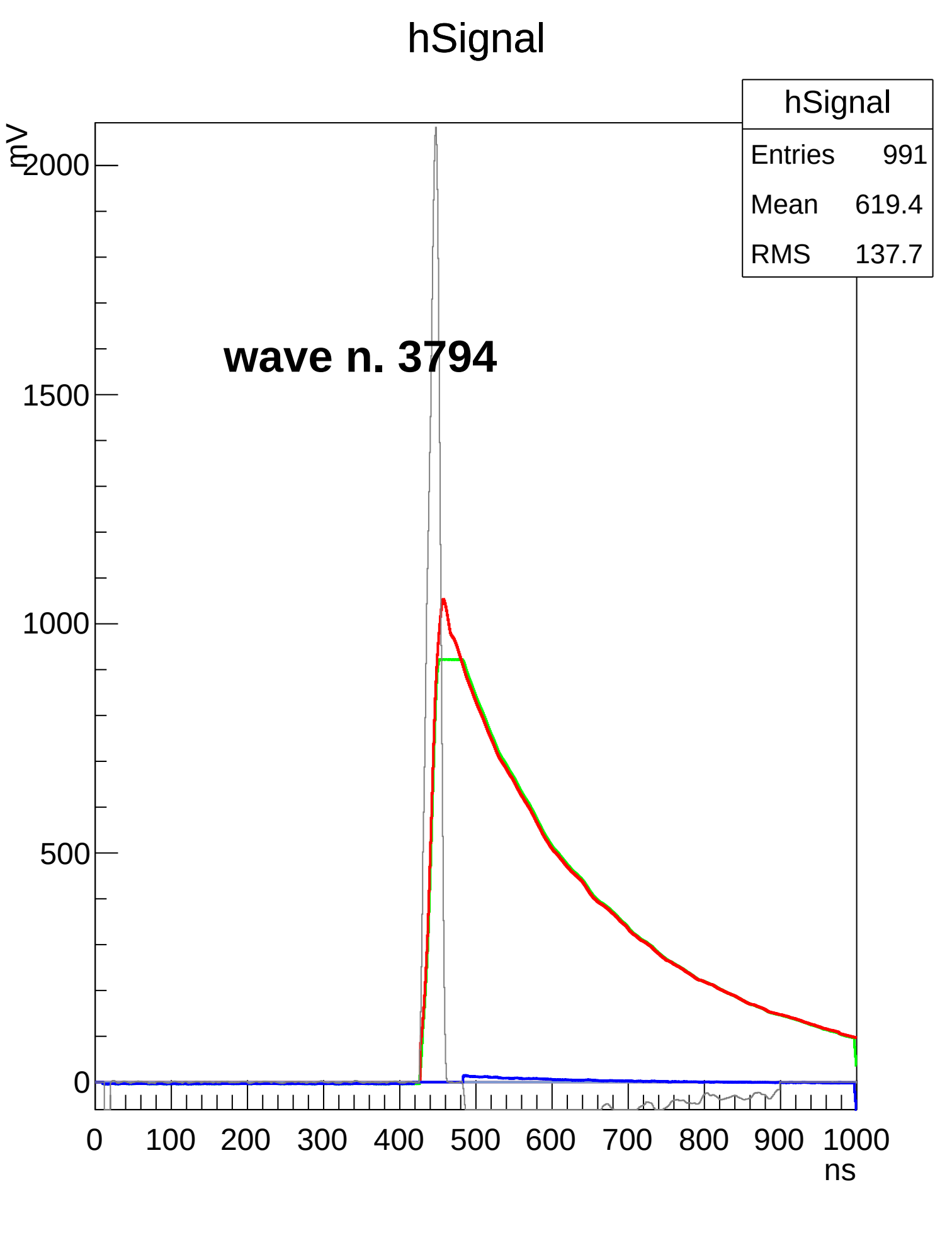
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 583.2
RMS 185.6
wave n. 3792
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 525.4
RMS 167.2
wave n. 3793
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 619.4
RMS 137.7
wave n. 3794
mV
2000
1500
1000
500
0
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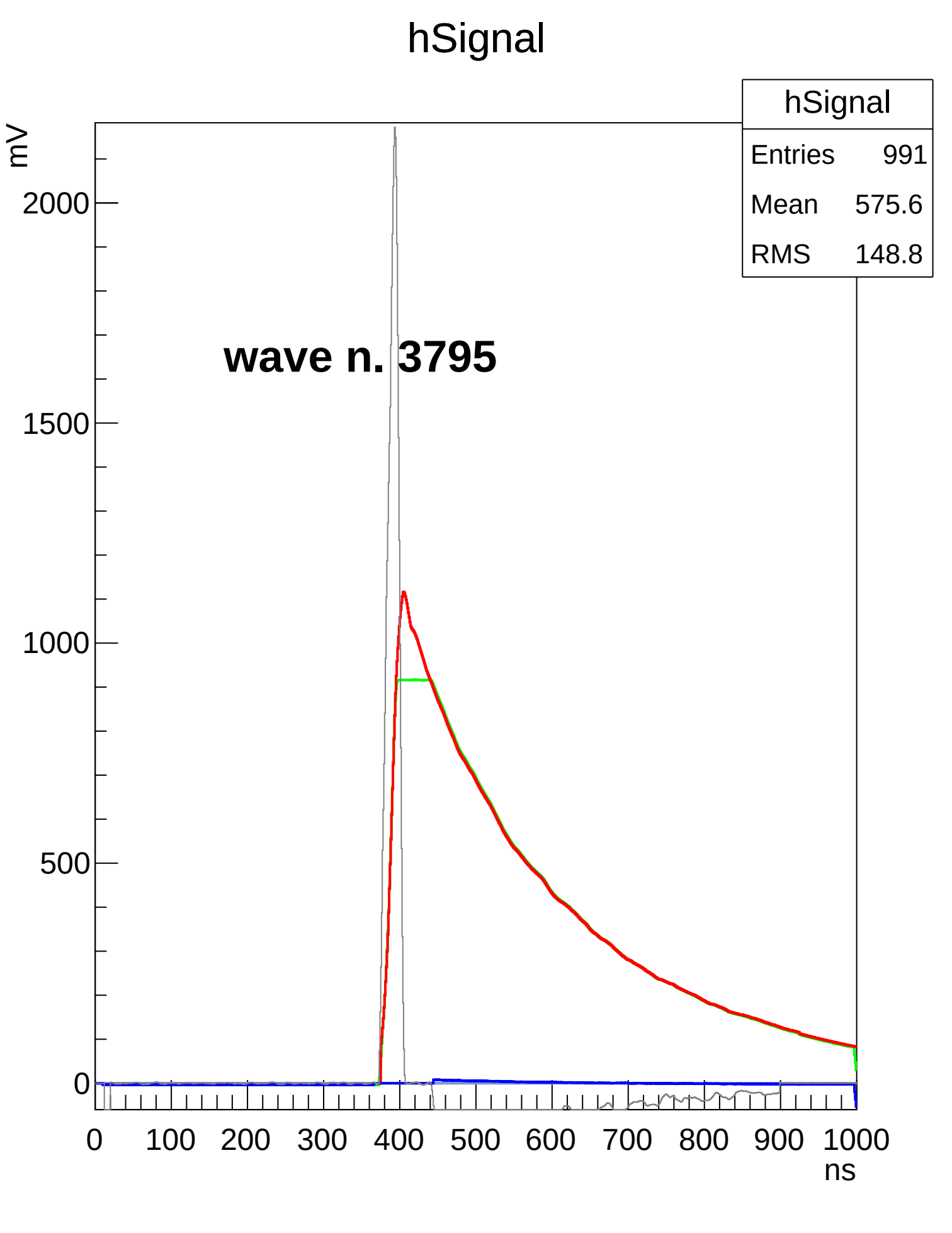
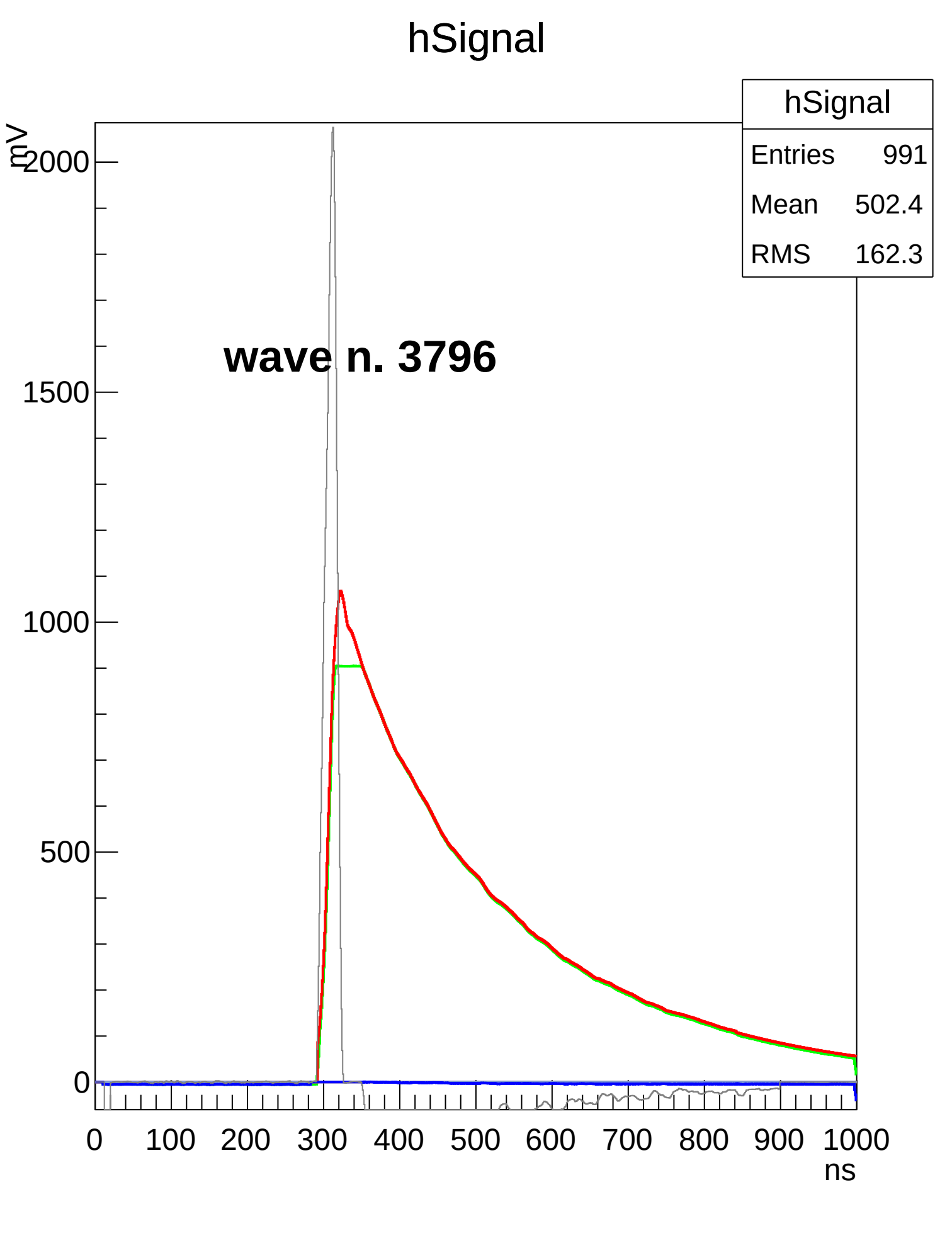
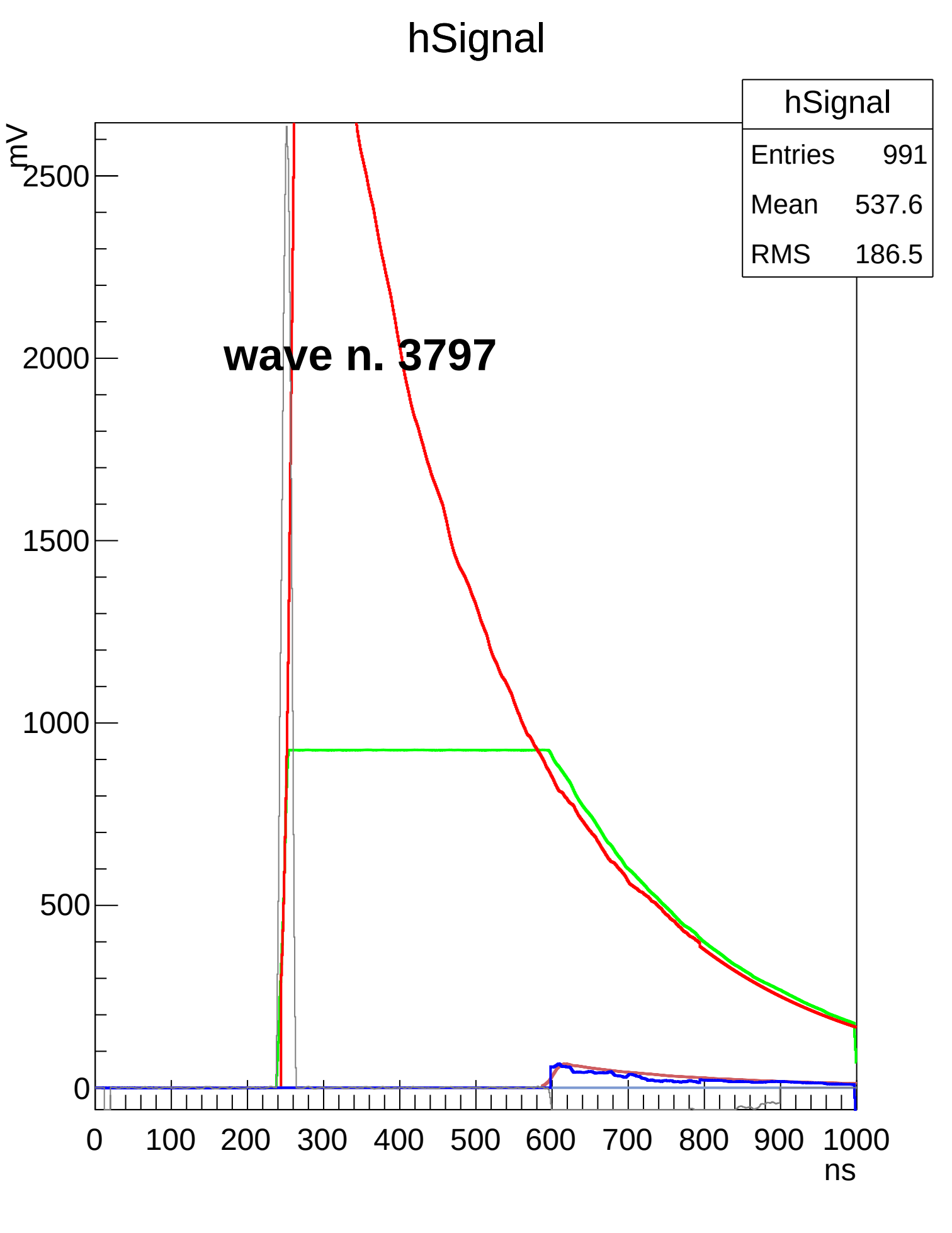
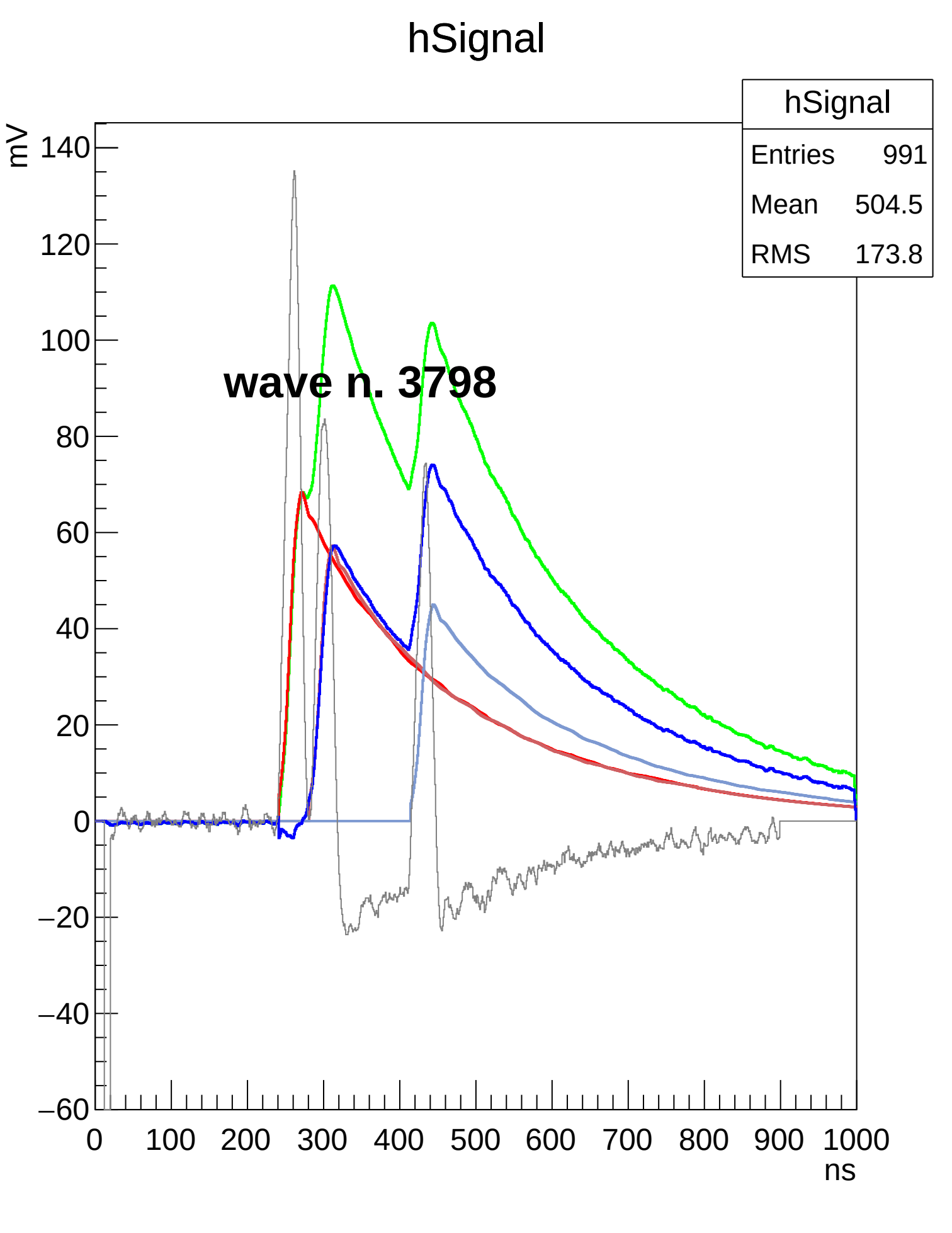
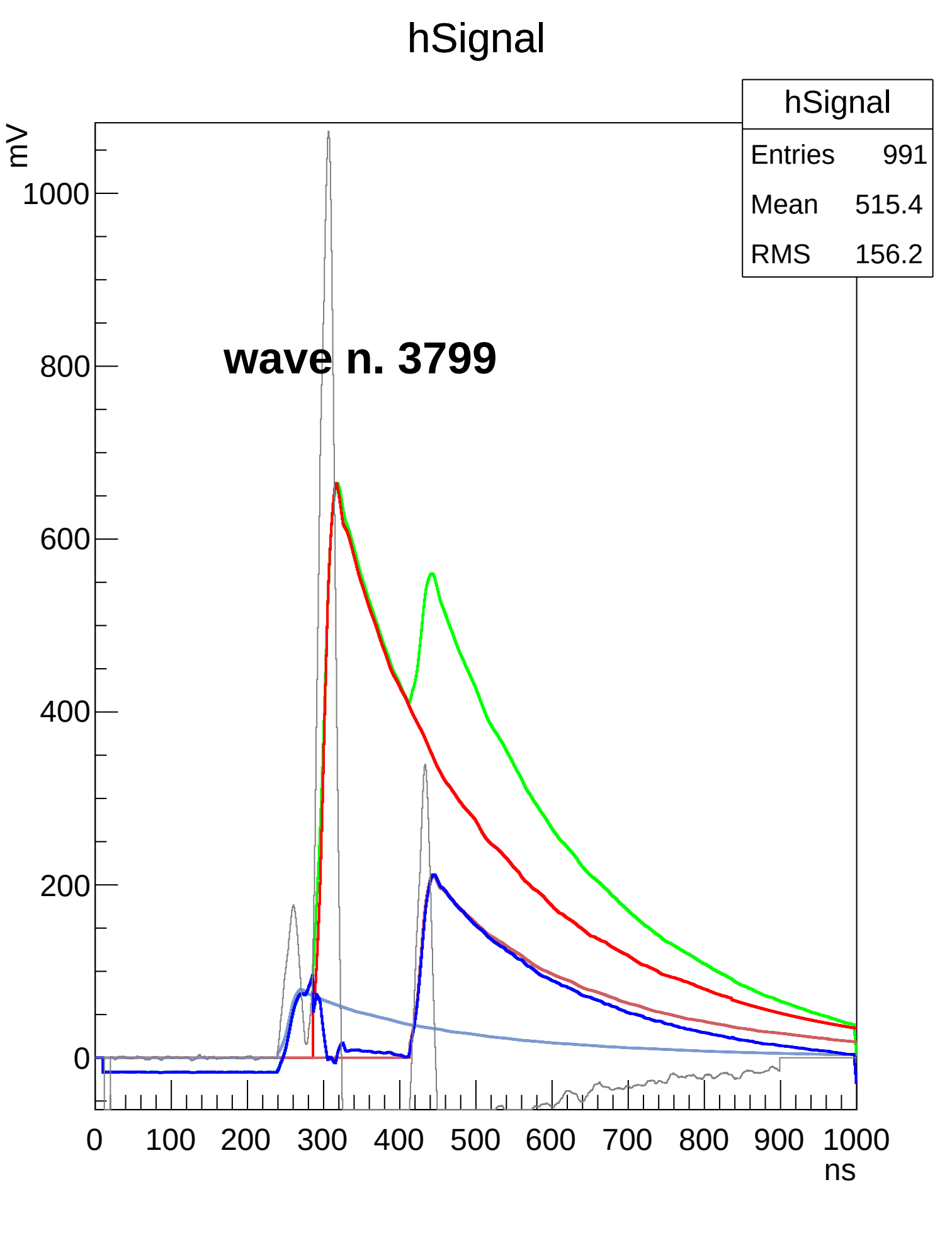
ns

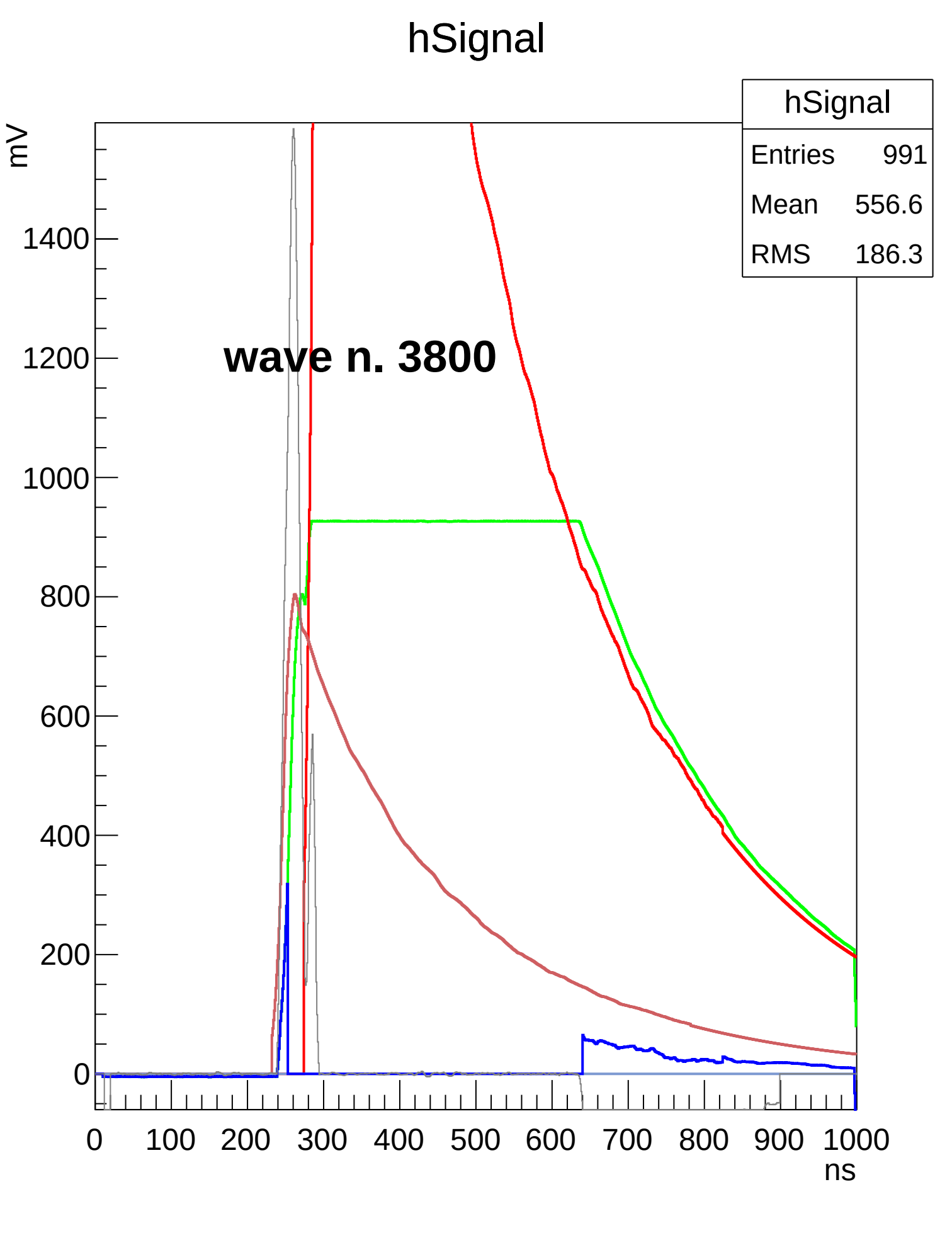

hSignal
hSignal
Entries 991
Mean 575.6
RMS 148.8
wave n. 3795
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

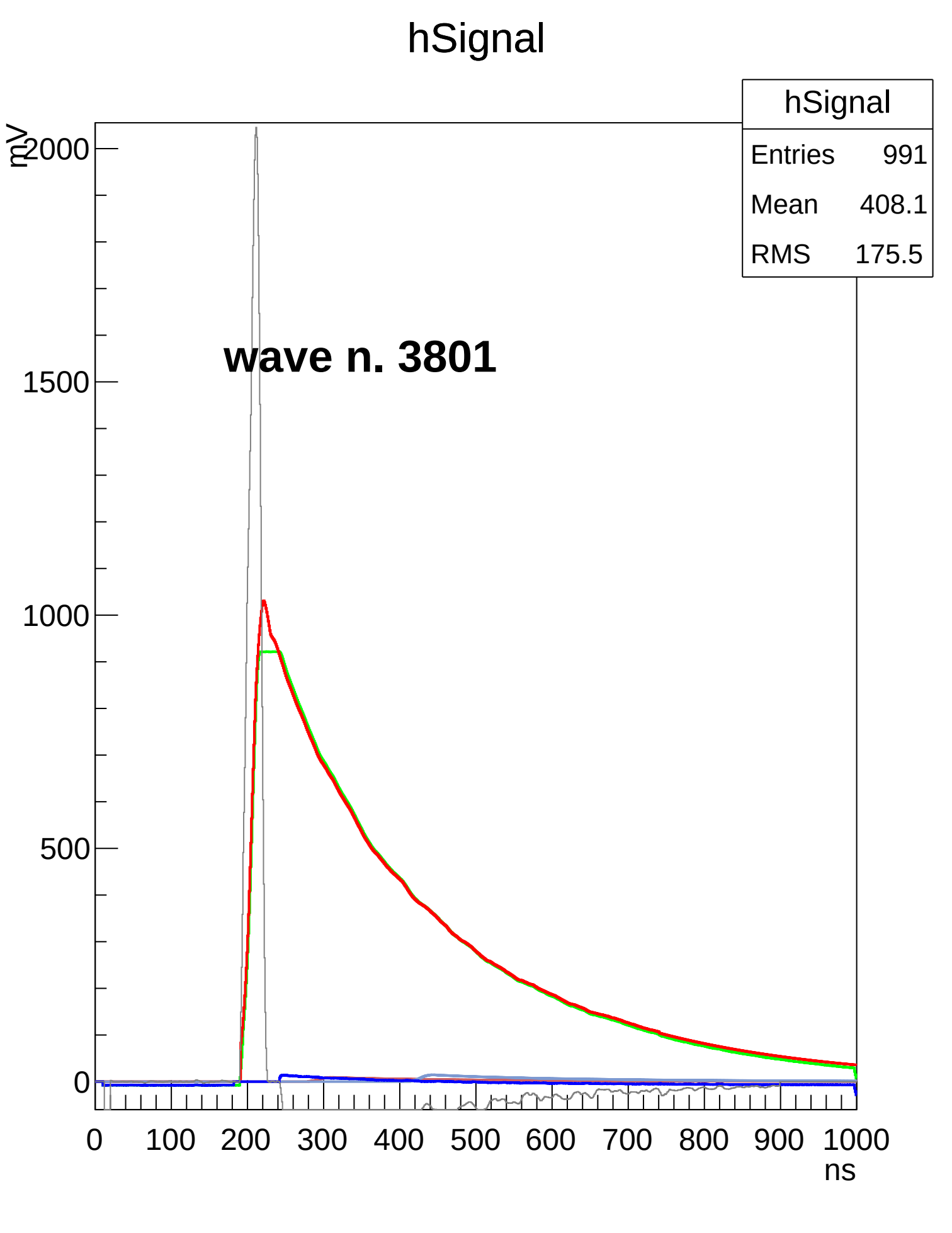

hSignal
hSignal
Entries 991
Mean 502.4
RMS 162.3
wave n. 3796
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 537.6
RMS 186.5
wave n. 3797
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.5
RMS 173.8
wave n. 3798
mV
140
120
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.4
RMS 156.2
wave n. 3799
mV
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 556.6
RMS 186.3
wave n. 3800
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 408.1
RMS 175.5
wave n. 3801
mV
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1500
1000
500
0
0
100
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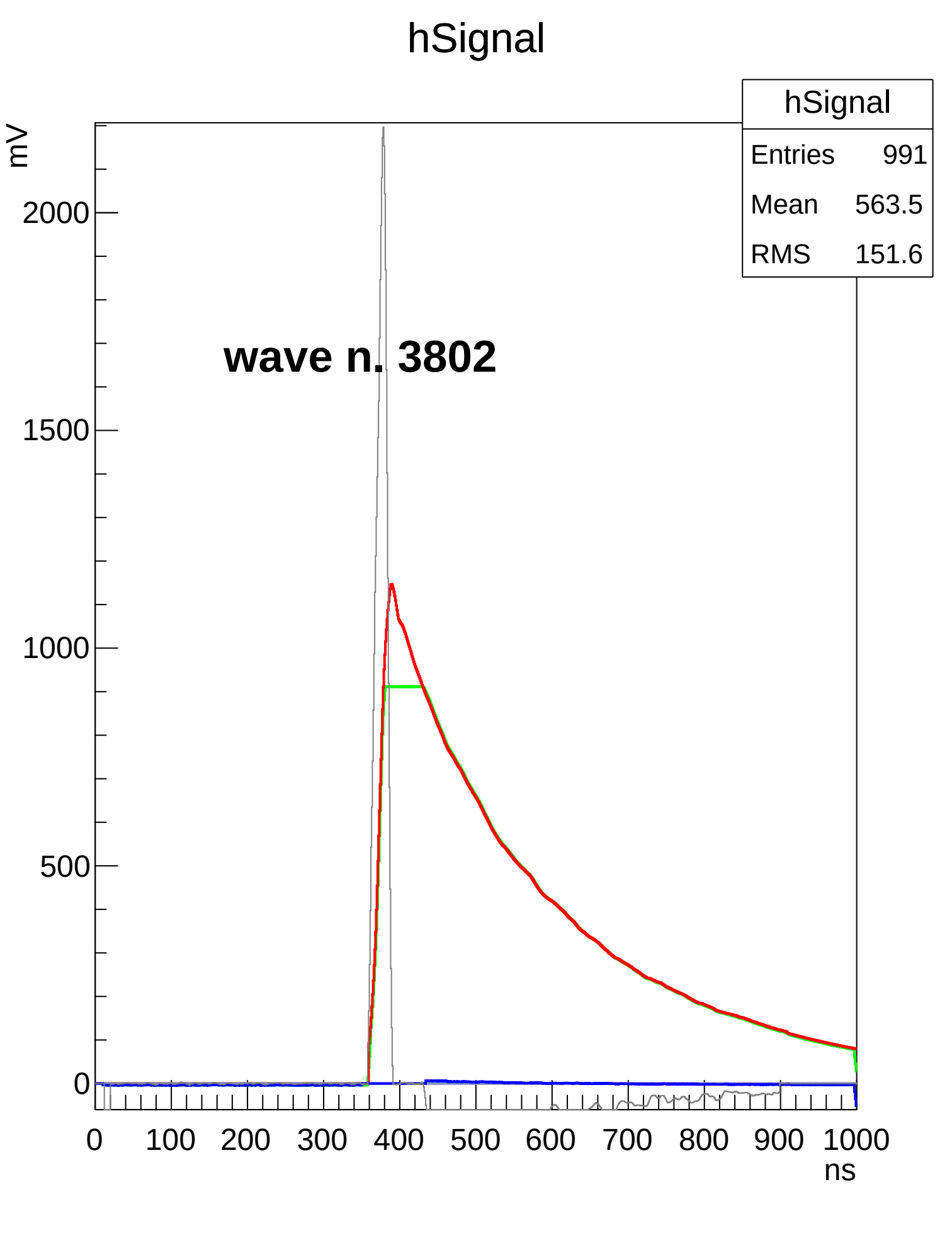
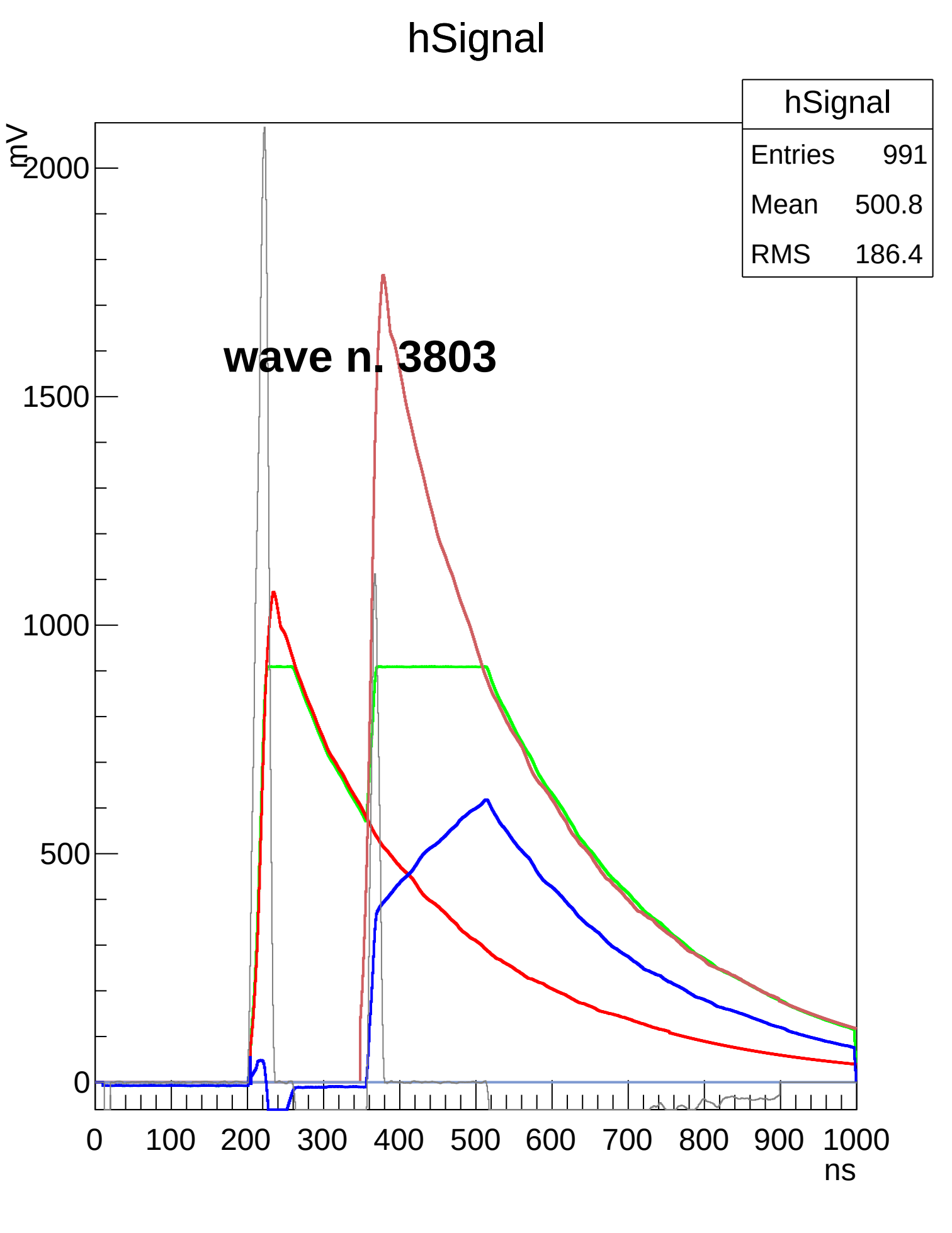
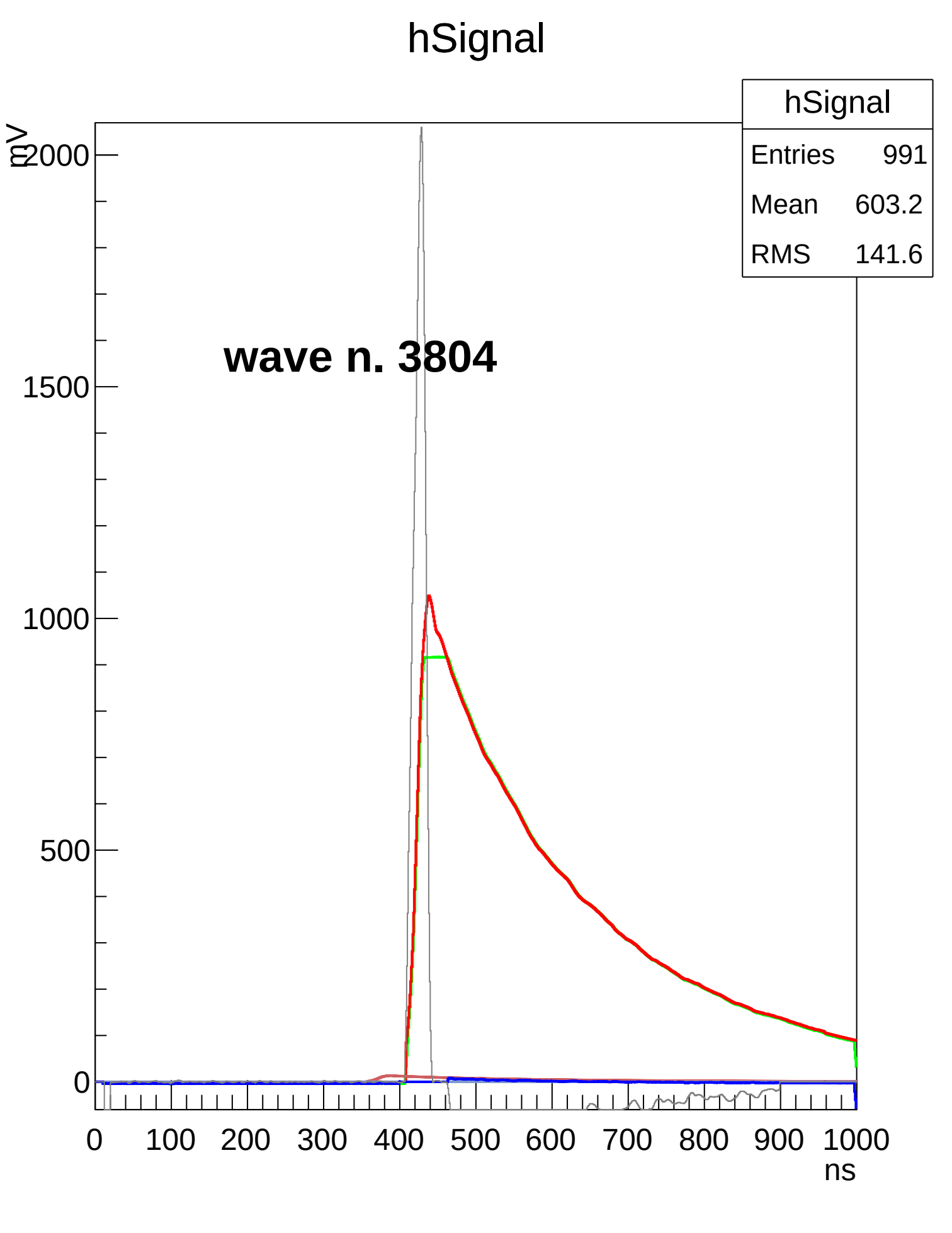
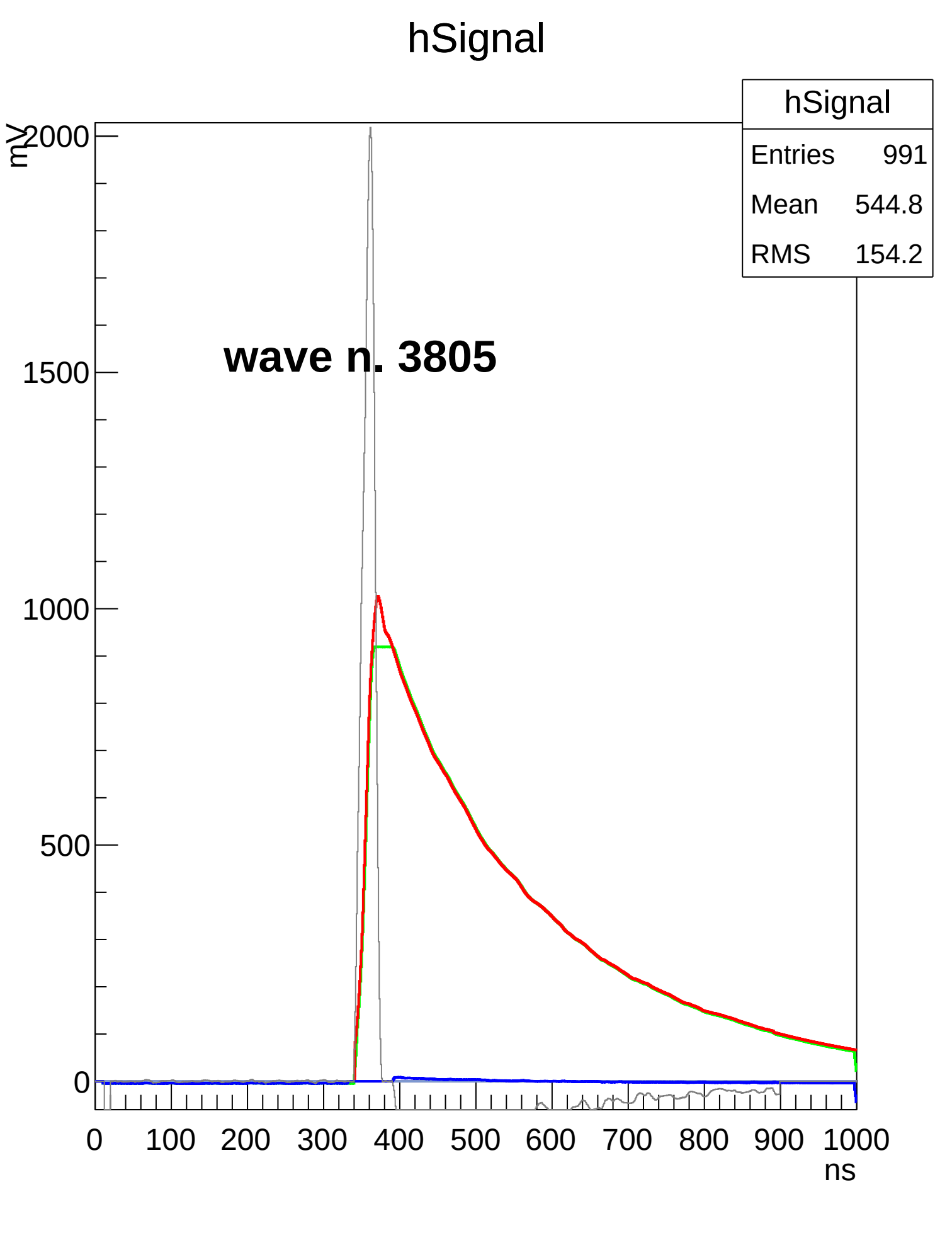
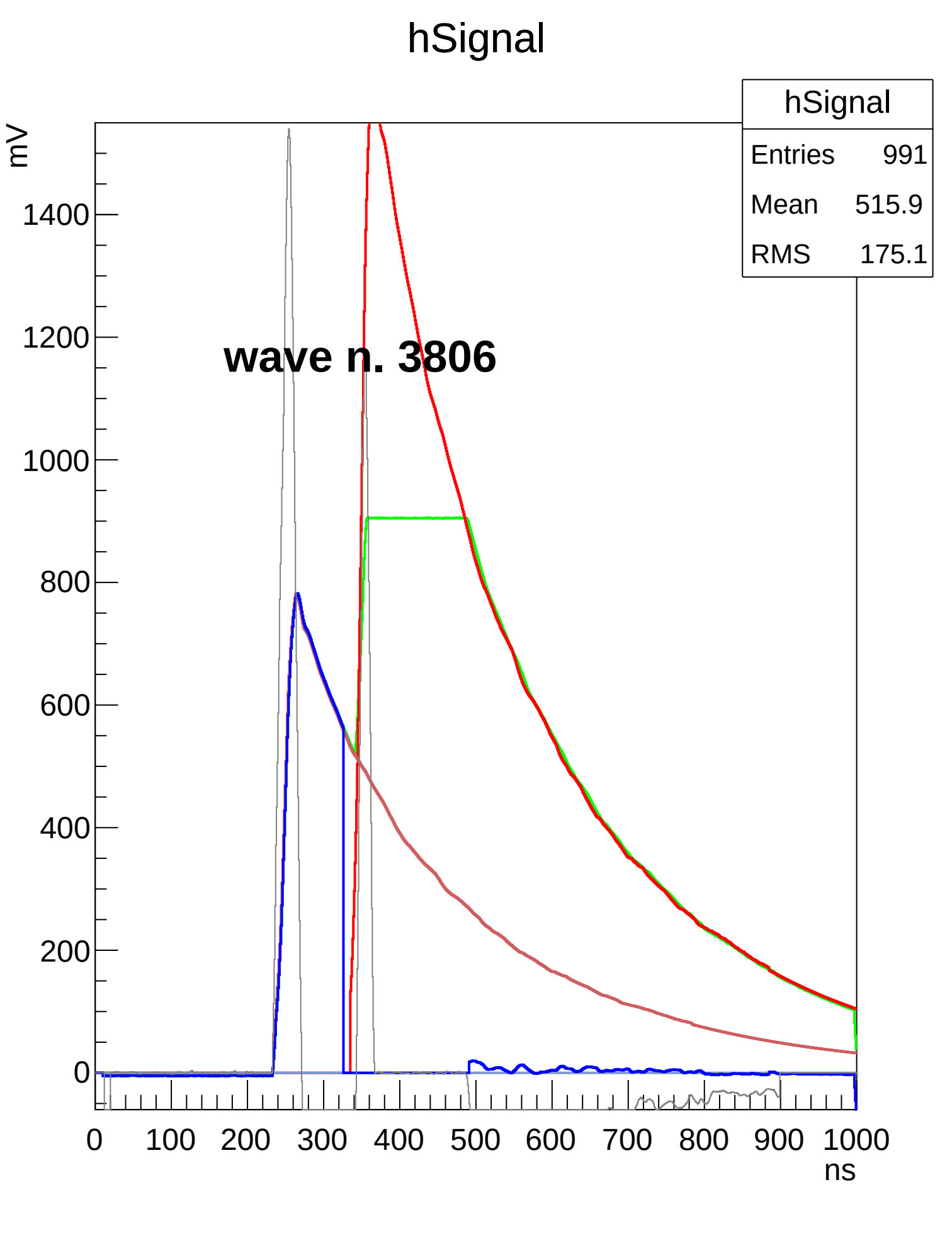
800
900
1000
ns

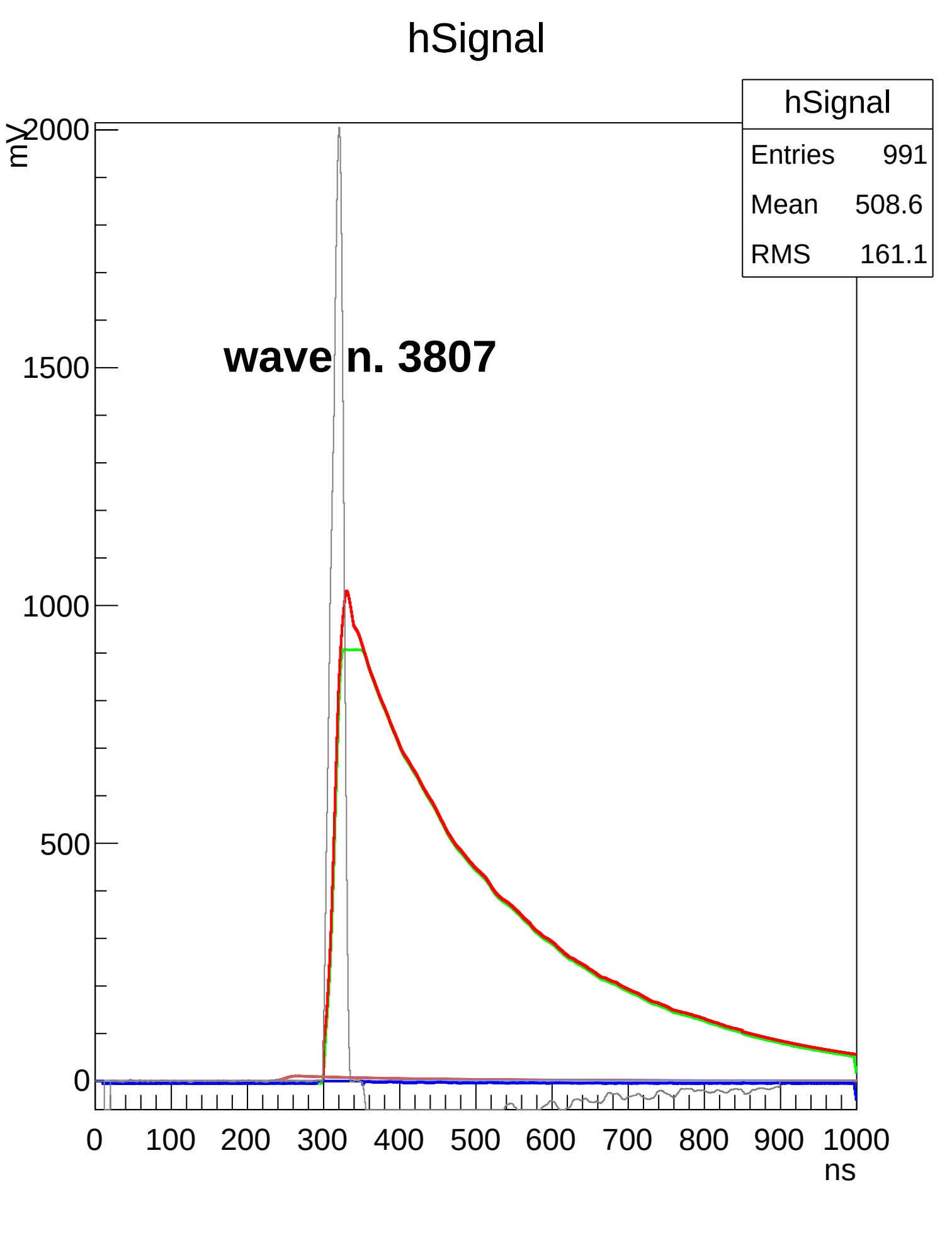

hSignal
hSignal
Entries 991
Mean 563.5
RMS 151.6
wave n. 3802
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

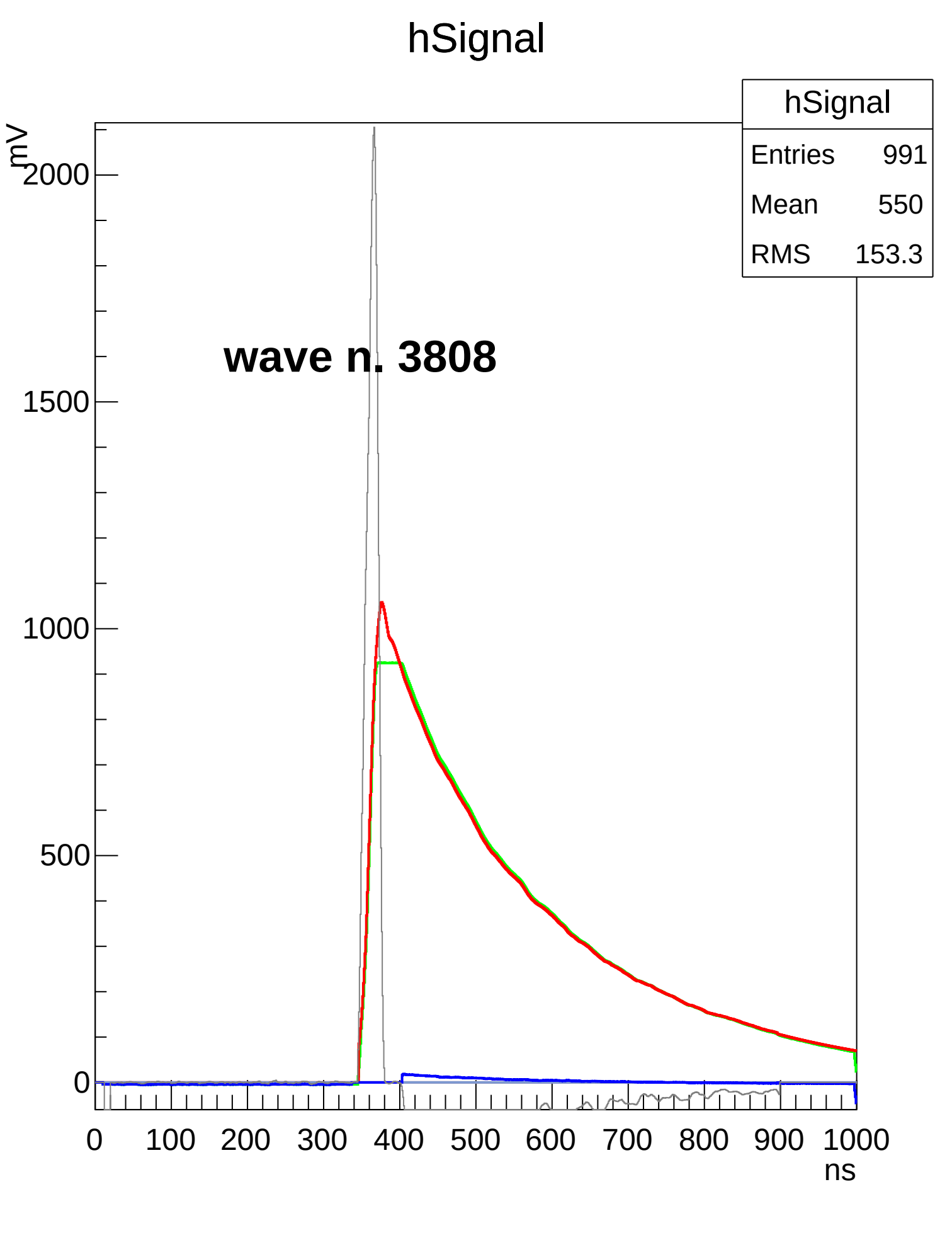

hSignal
hSignal
Entries 991
Mean 500.8
RMS 186.4
wave n. 3803
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 603.2
RMS 141.6
wave n. 3804
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 544.8
RMS 154.2
wave n. 3805
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.9
RMS 175.1
wave n. 3806
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 508.6
RMS 161.1
wave n. 3807
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 550
RMS 153.3
wave n. 3808
mV
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1500
1000
500
0
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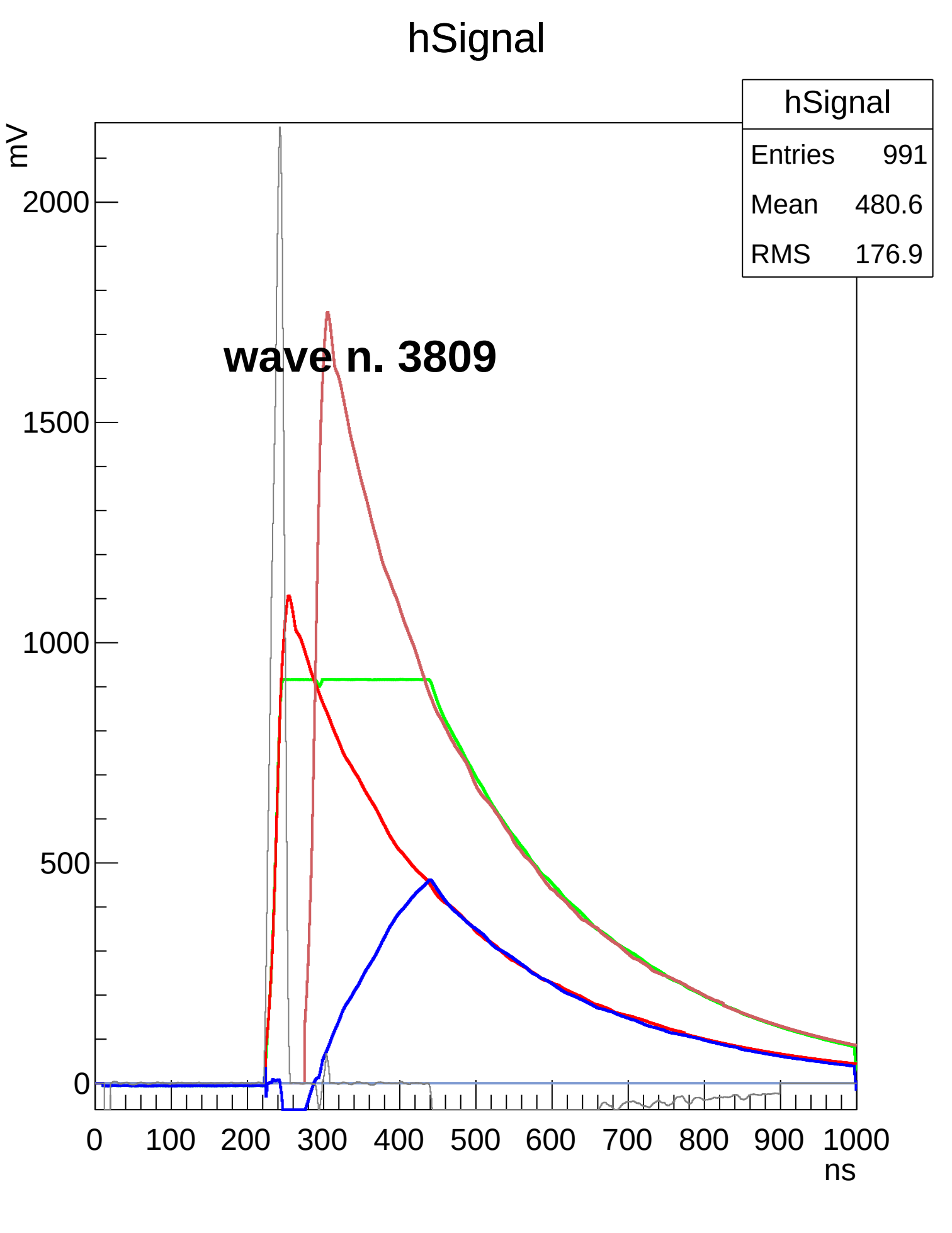
ns


hSignal
hSignal
Entries 991
Mean 480.6
RMS 176.9
wave n. 3809
mV
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1000
500
0
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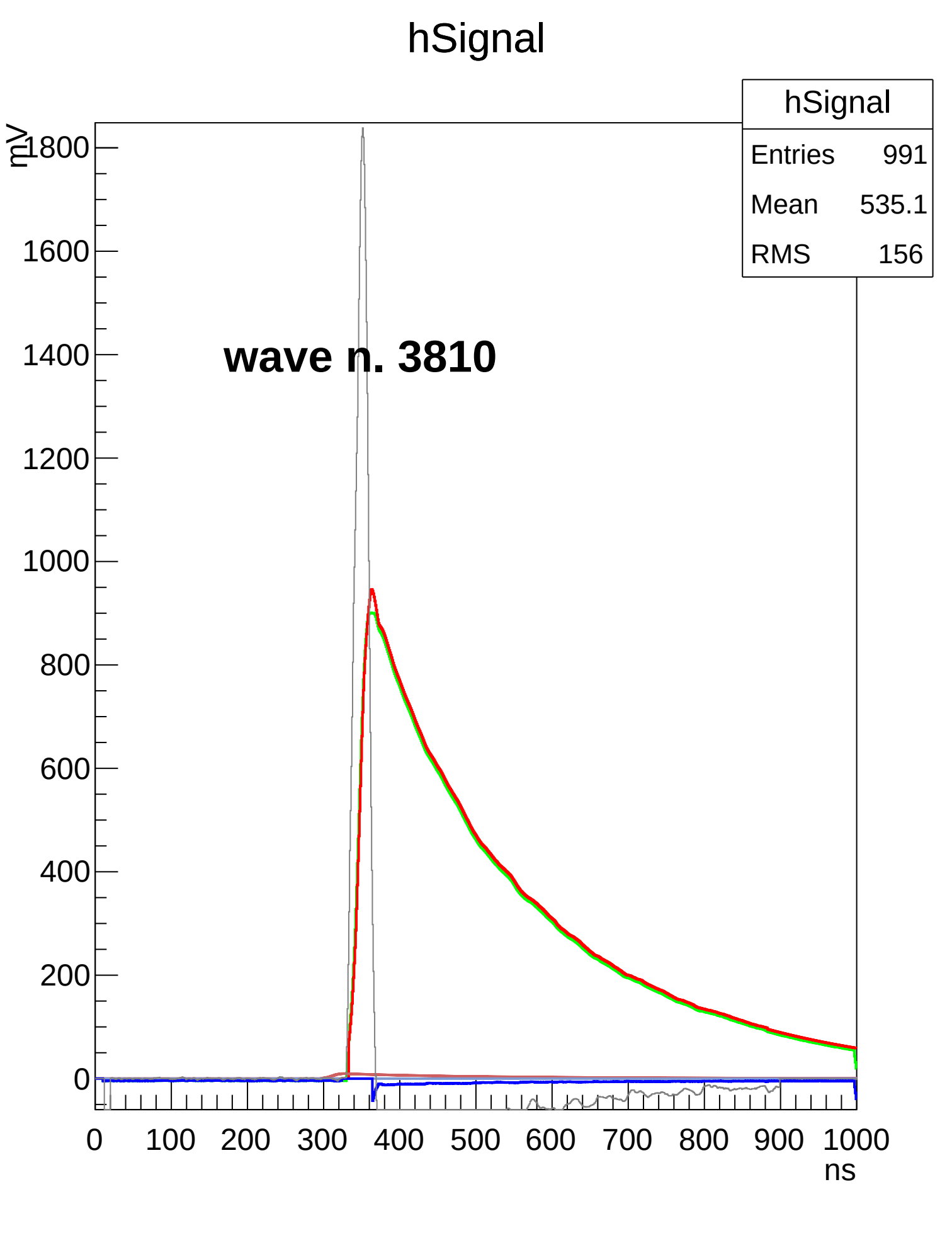
ns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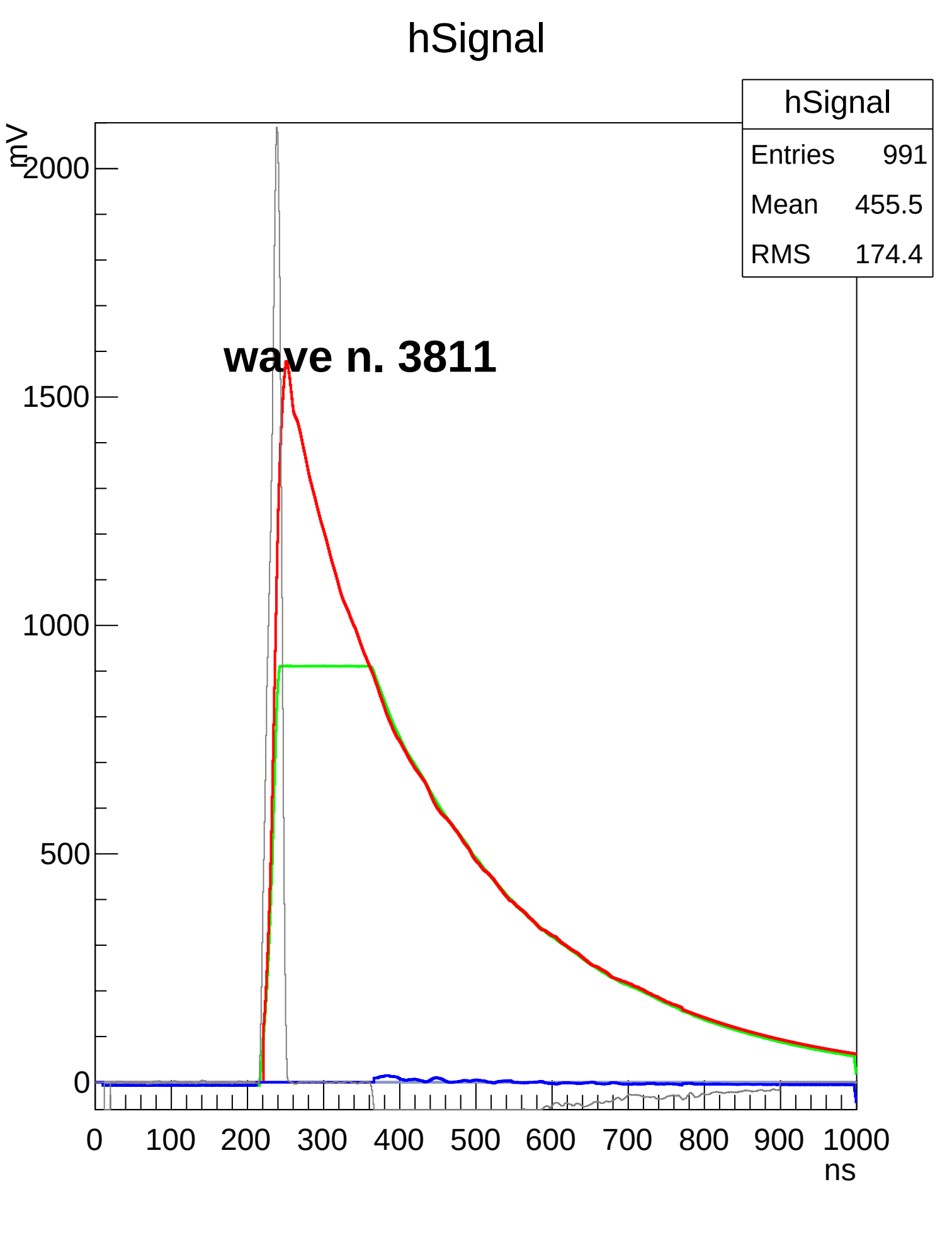
hSignal
Entries 991
Mean 535.1
RMS 156
wave n. 3810
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 455.5
RMS 174.4
wave n. 3811
mV
2000
1500
1000
500
0
0
100
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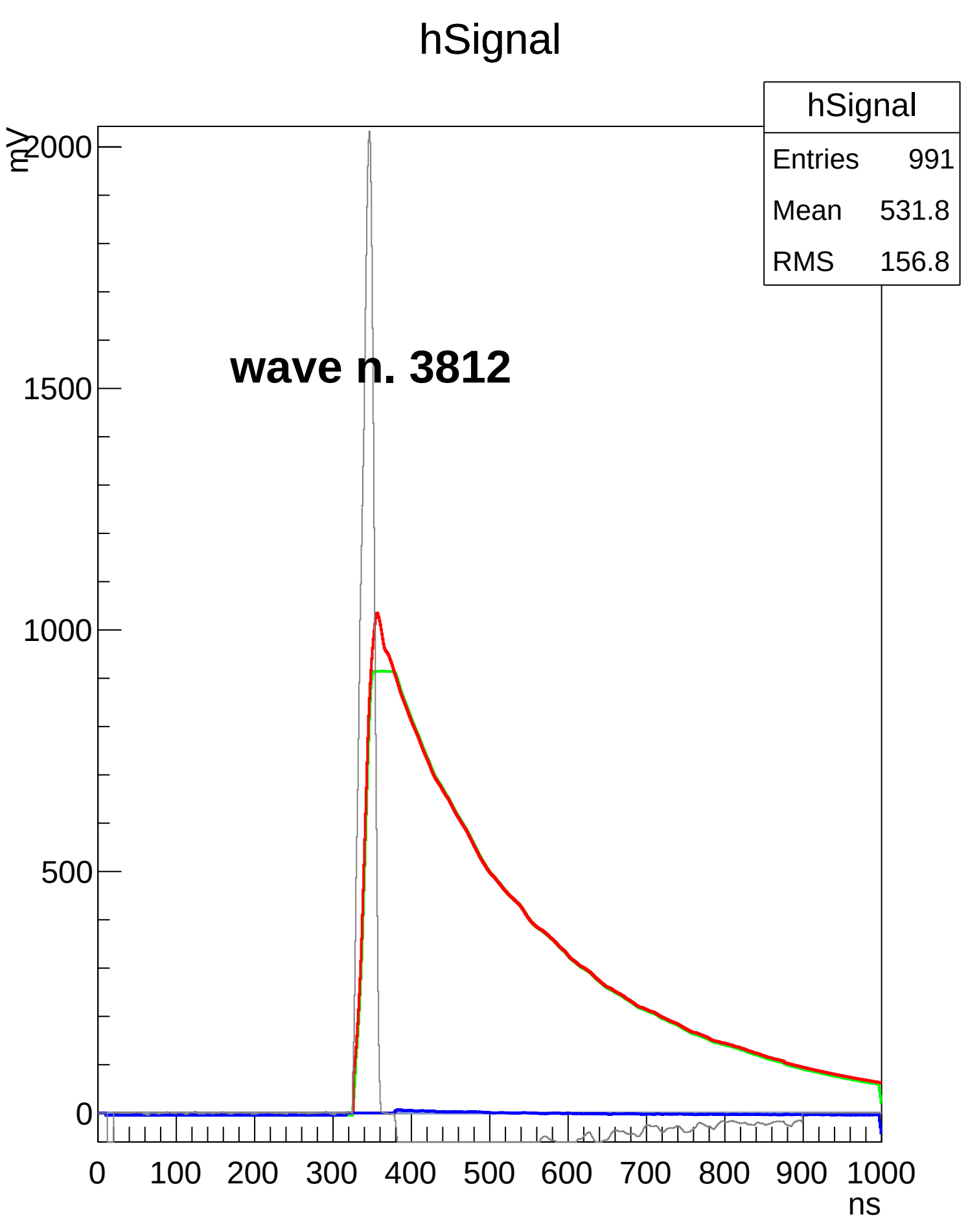
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 531.8
RMS 156.8
wave n. 3812
mV
2000
1500
1000
500
0
0
100
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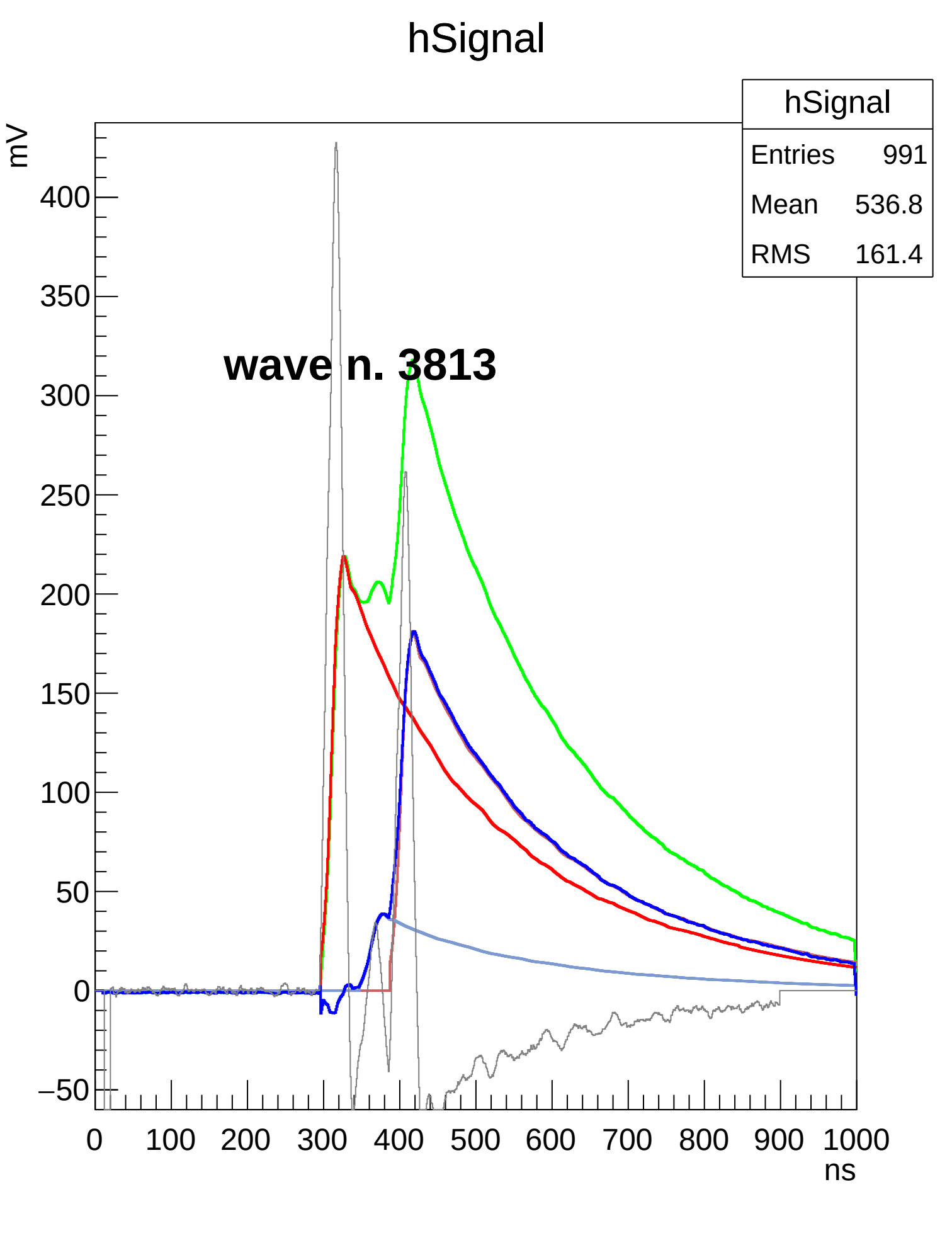
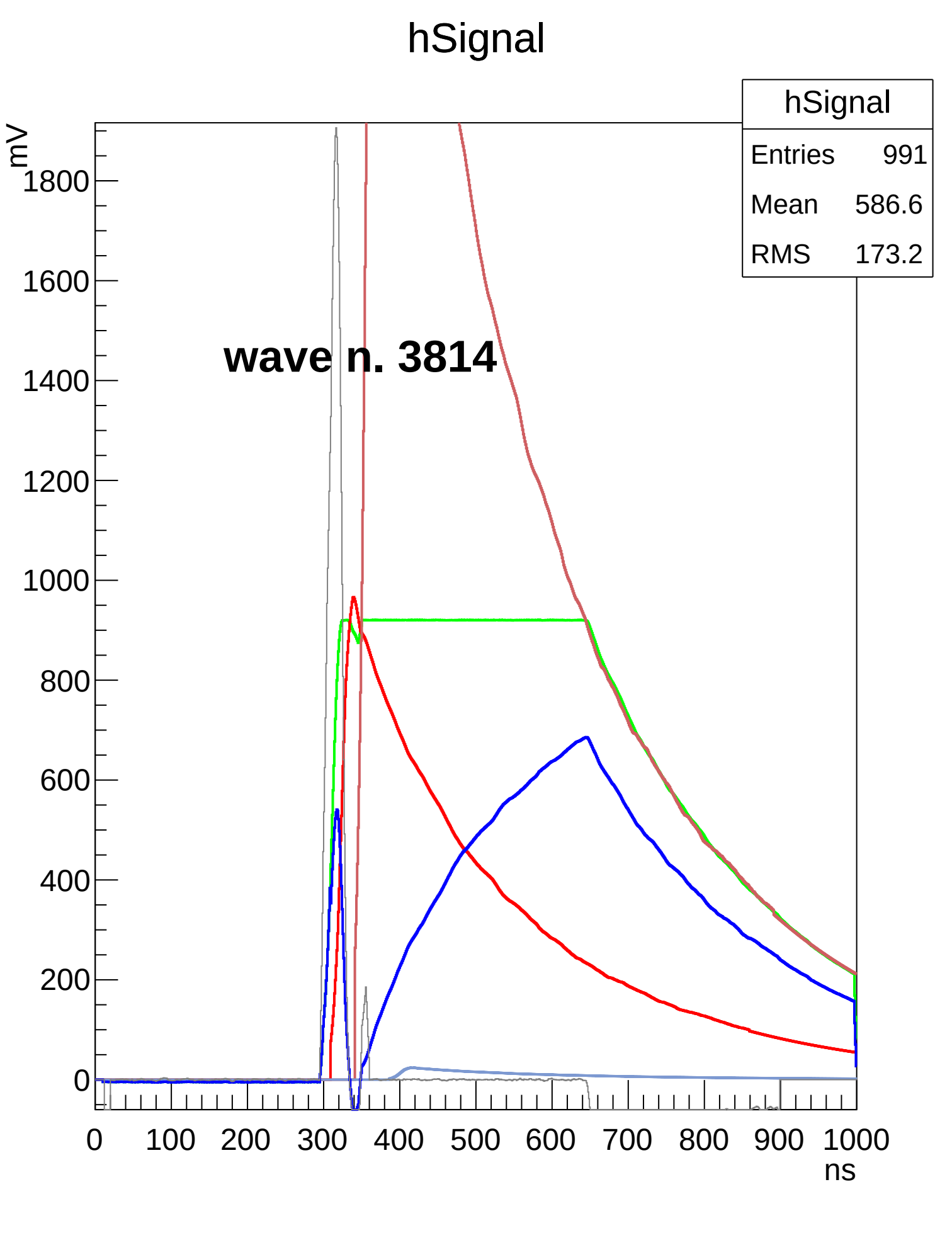
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 536.8
RMS 161.4
wave n. 3813
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns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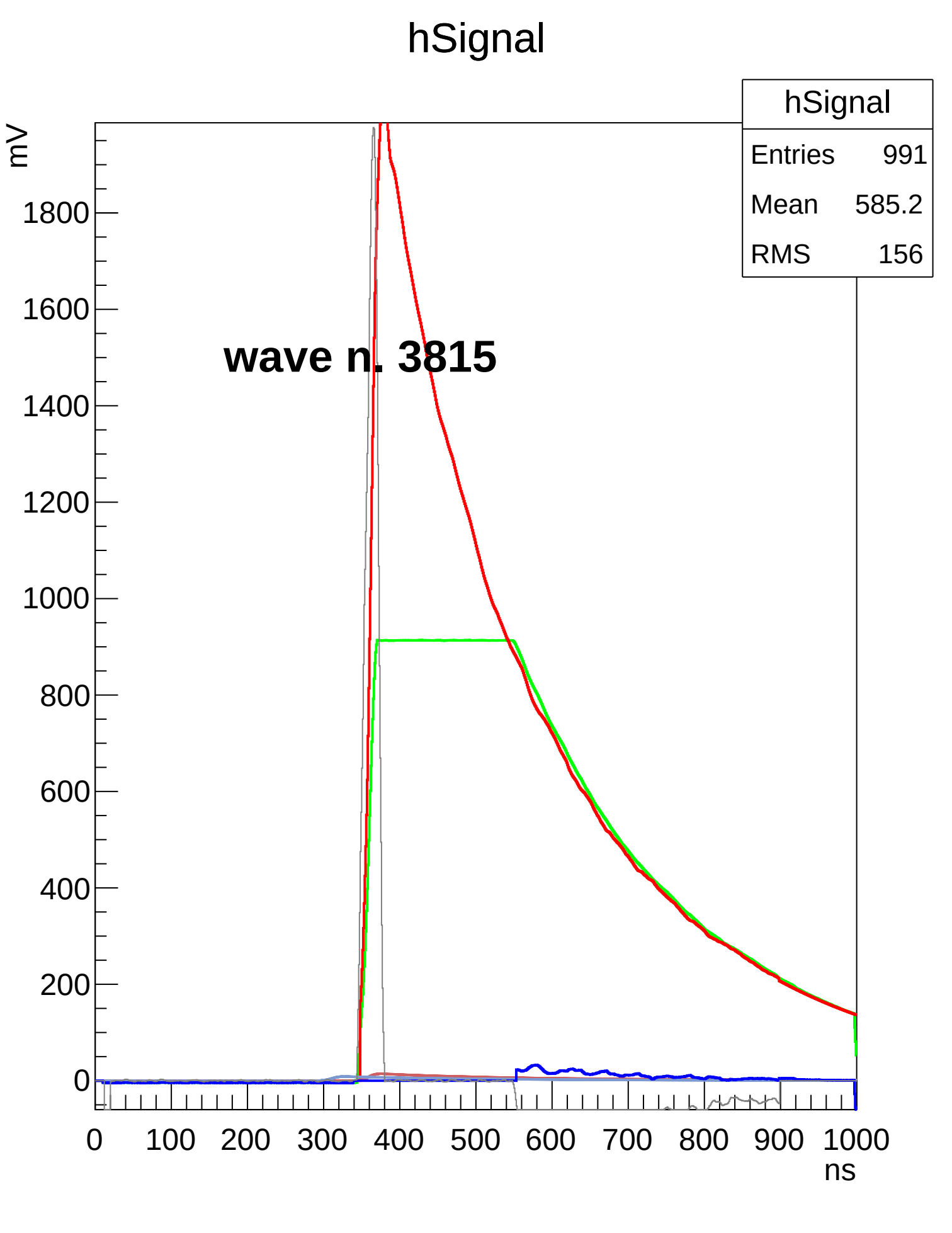
hSignal
Entries 991
Mean 586.6
RMS 173.2
wave n. 3814
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 585.2
RMS 156
wave n. 3815
mV
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1600
1400
1200
1000
800
600
400
200
0
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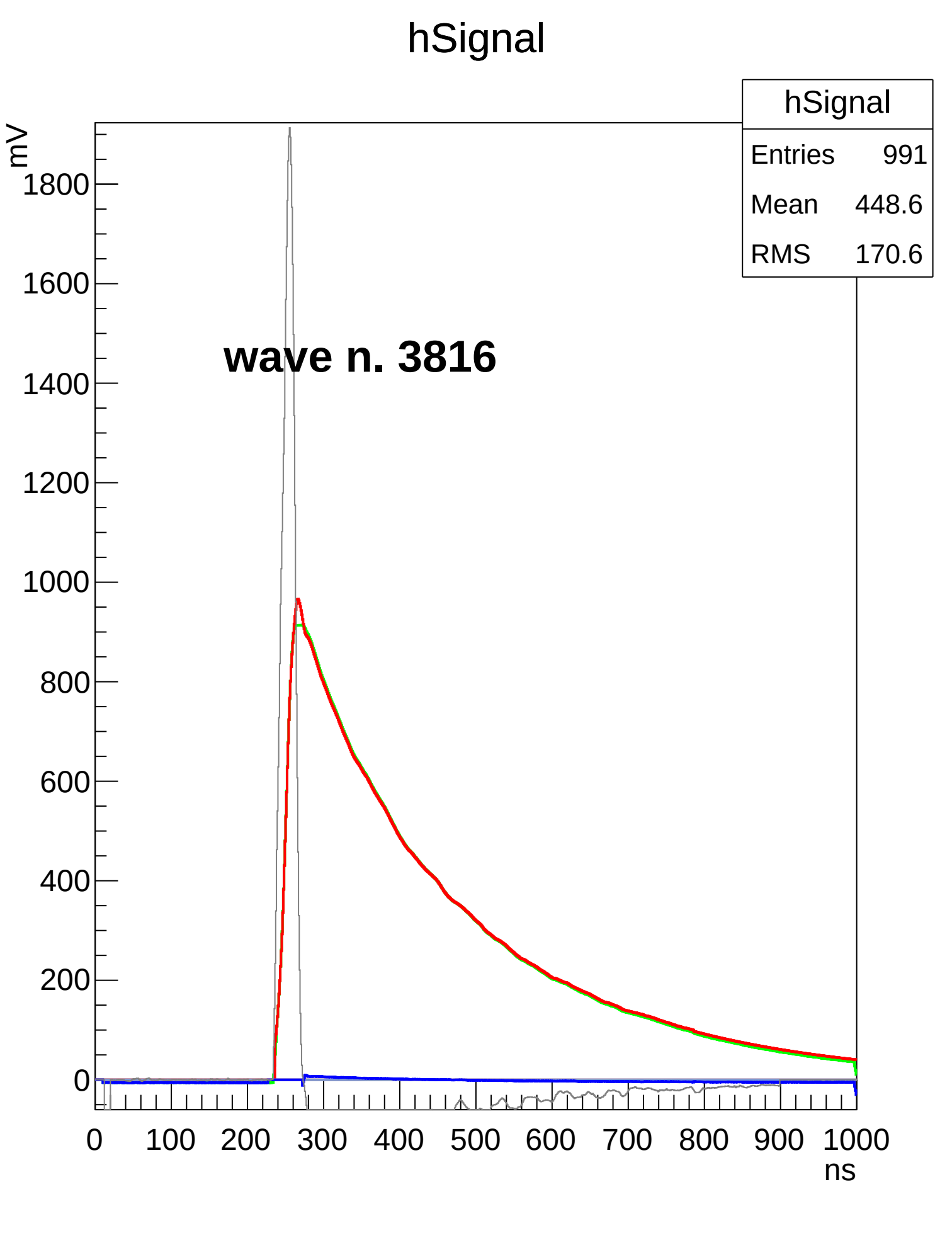
ns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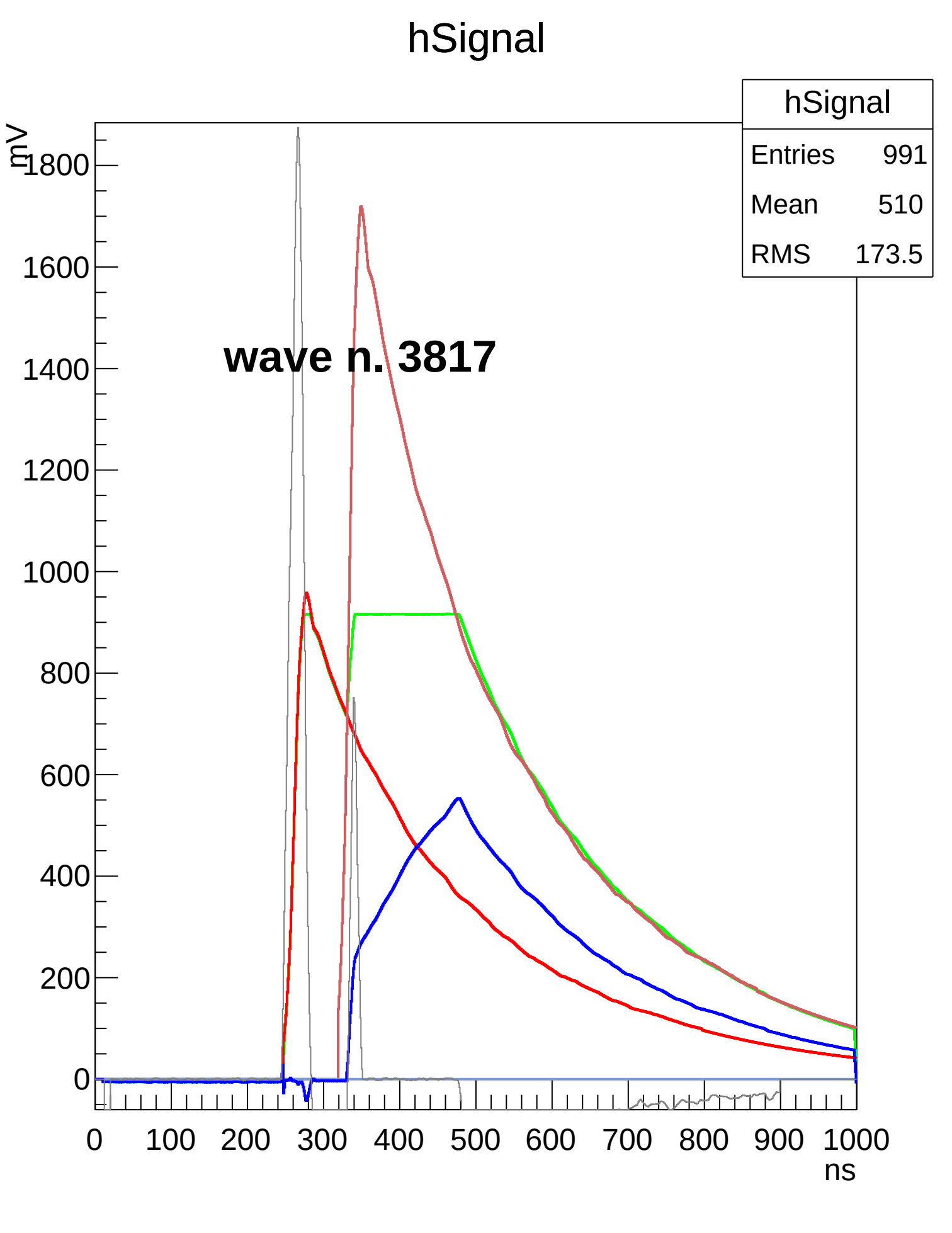
hSignal
Entries 991
Mean 448.6
RMS 170.6
wave n. 3816
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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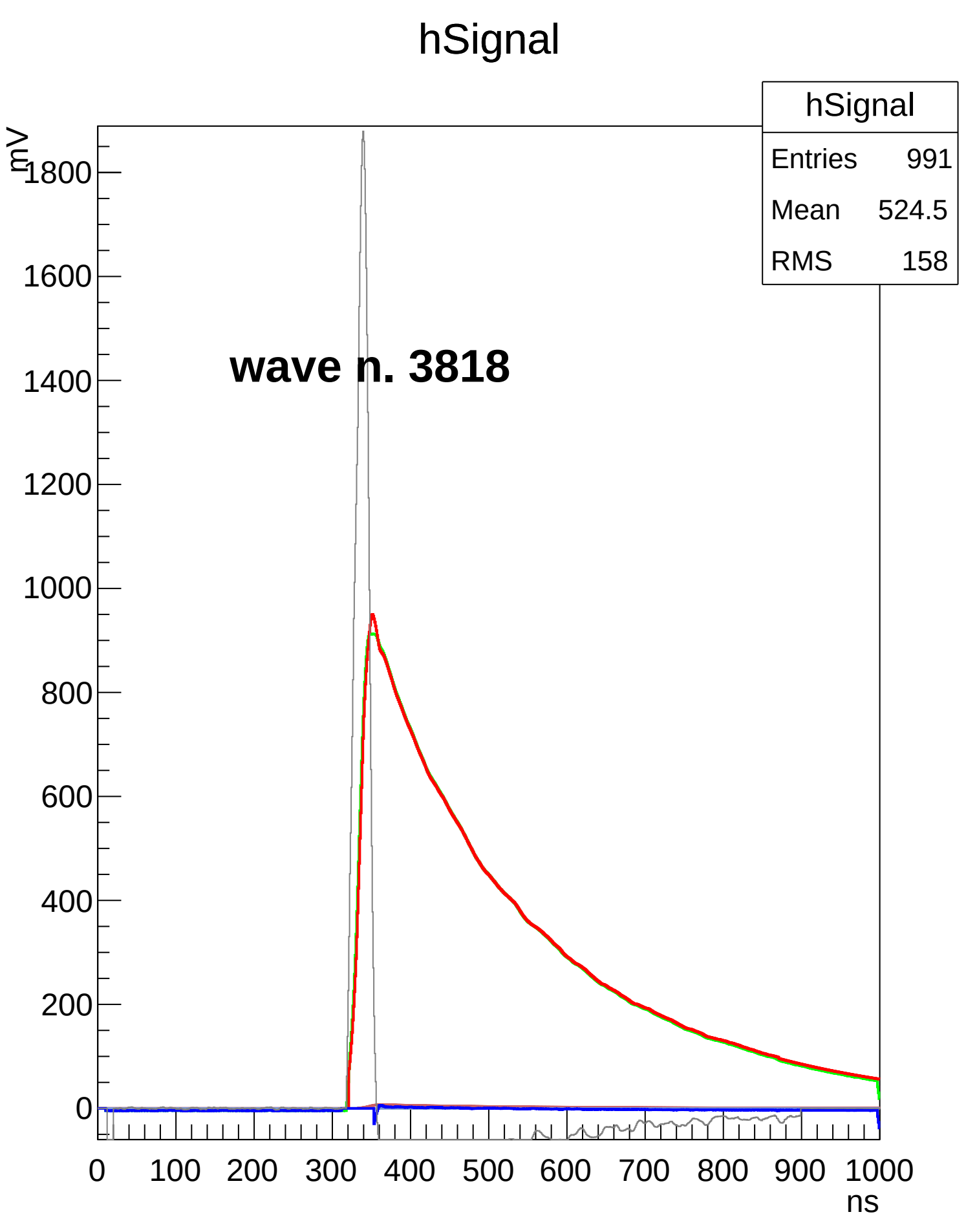
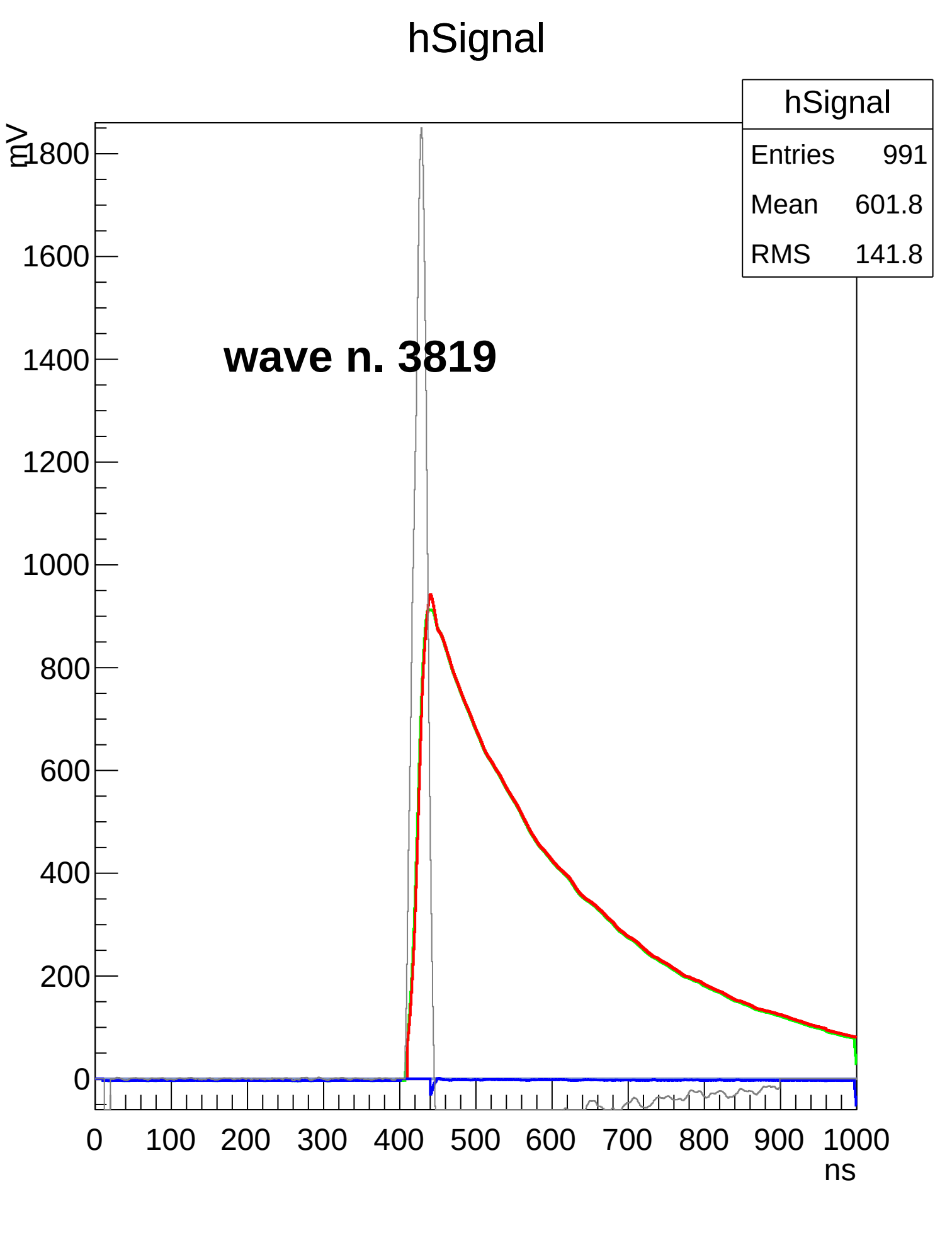
hSignal
Entries 991
Mean 510
RMS 173.5
wave n. 3817
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 524.5
RMS 158
wave n. 3818
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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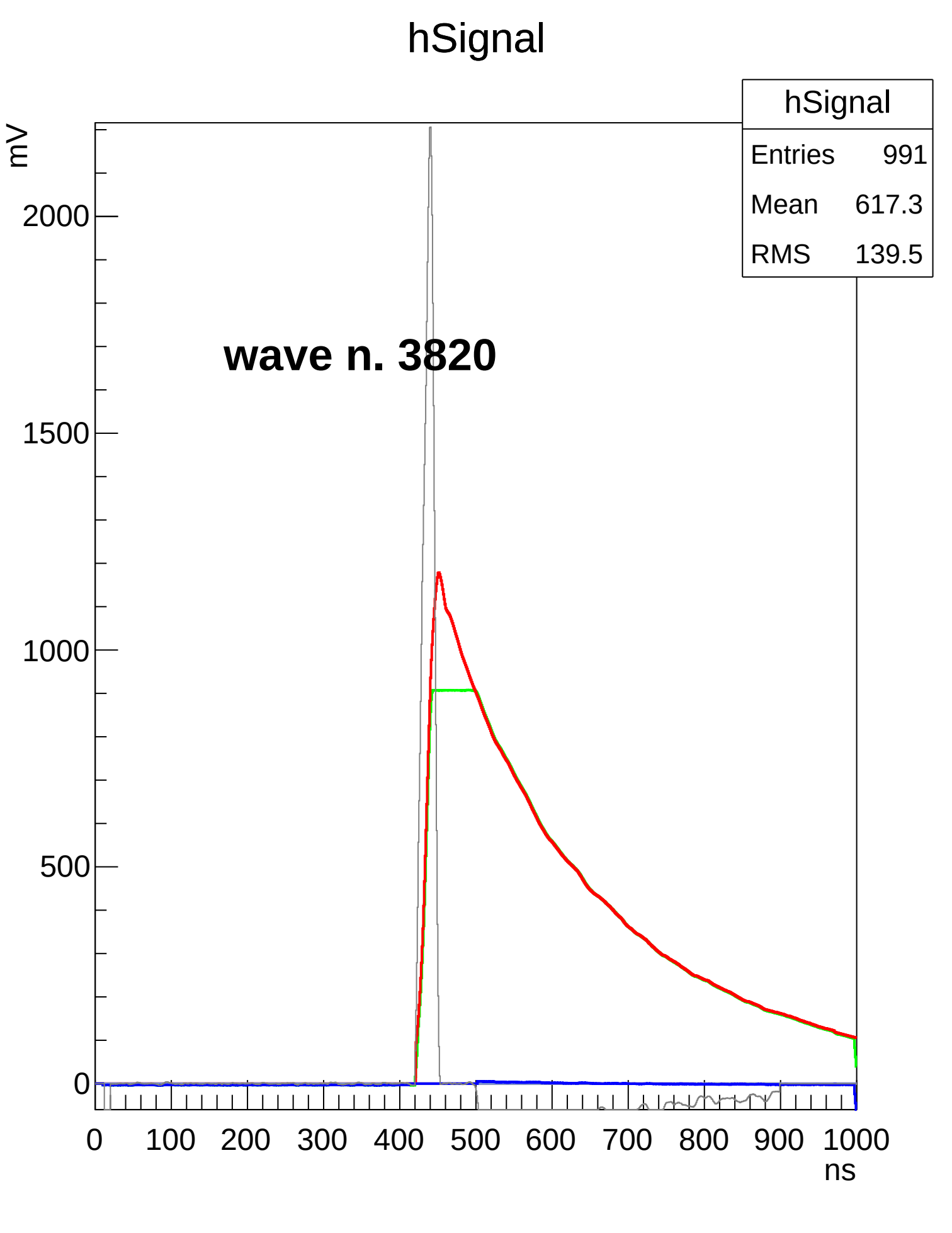
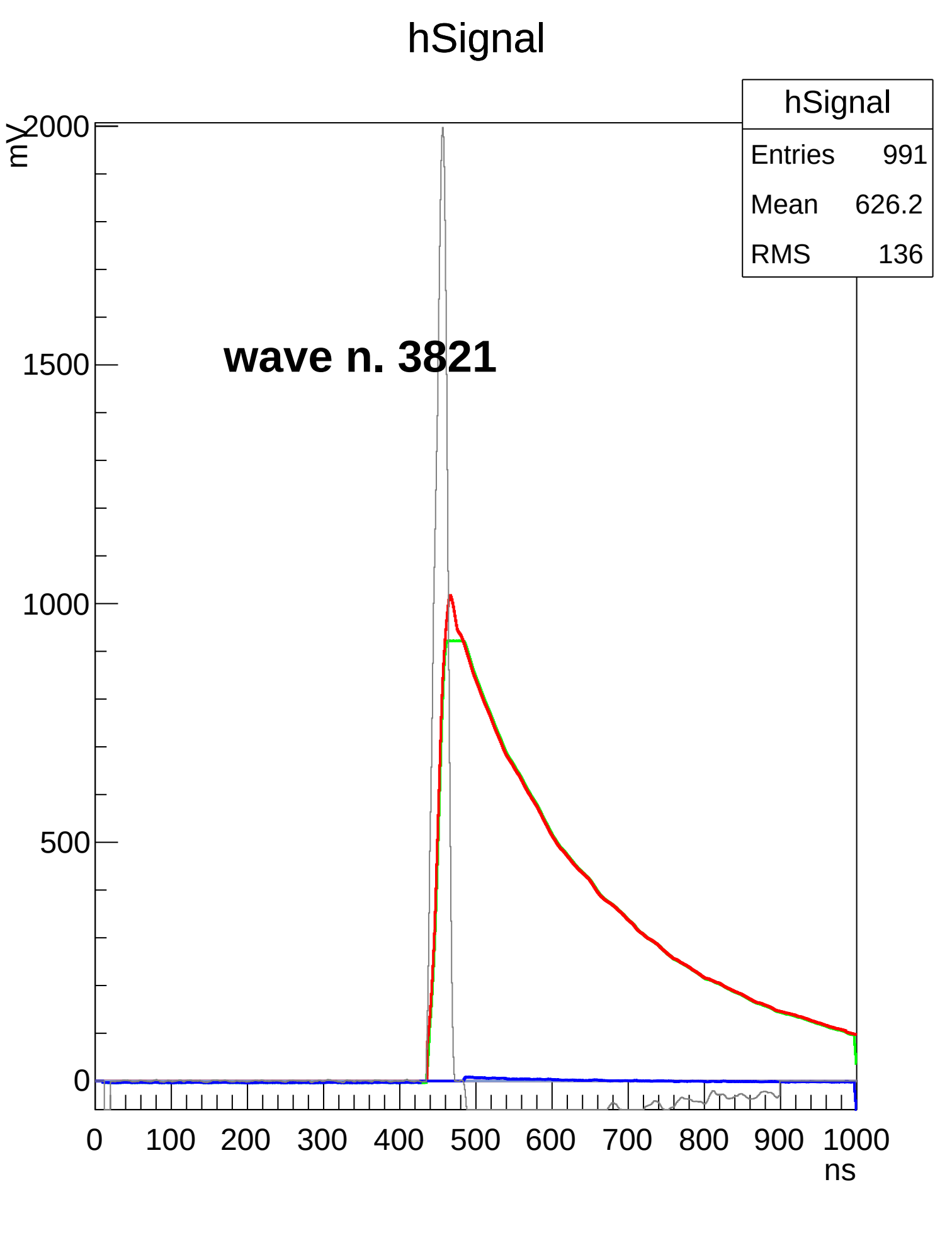
hSignal
Entries 991
Mean 601.8
RMS 141.8
wave n. 3819
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 617.3
RMS 139.5
wave n. 3820
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 626.2
RMS 136
wave n. 3821
mV
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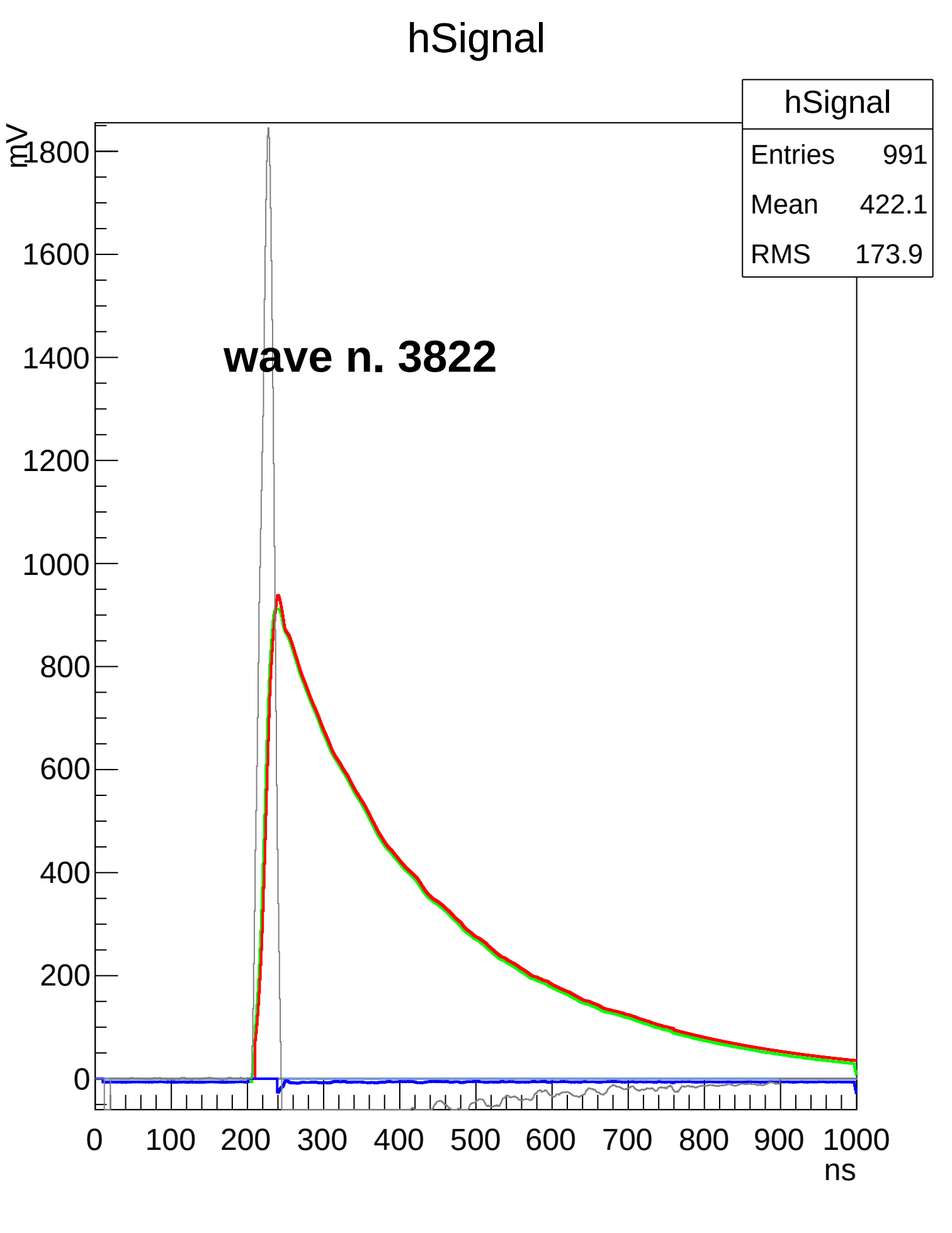
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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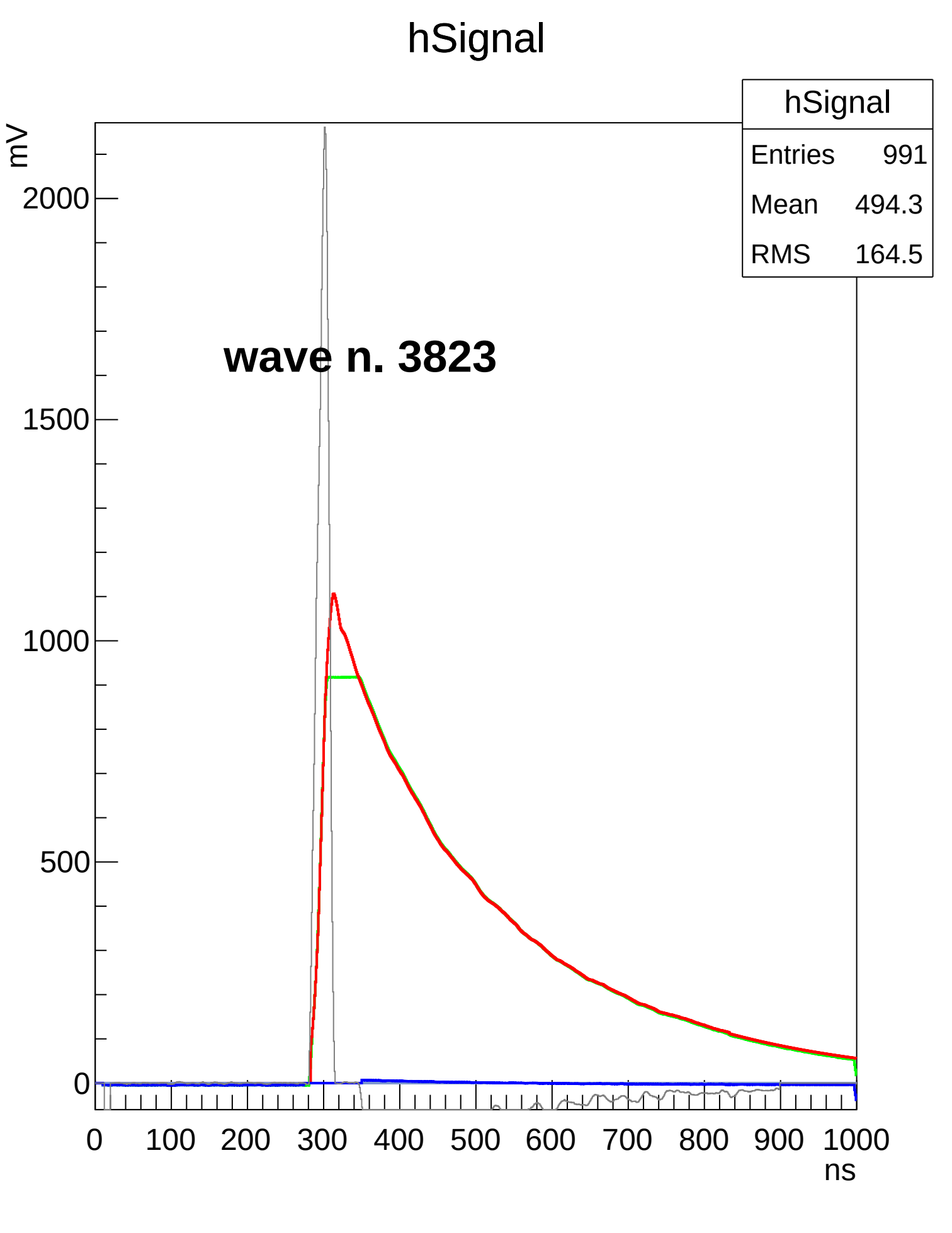
hSignal
Entries 991
Mean 422.1
RMS 173.9
wave n. 3822
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 494.3
RMS 164.5
wave n. 3823
mV
2000
1500
1000
500
0
0
100
200
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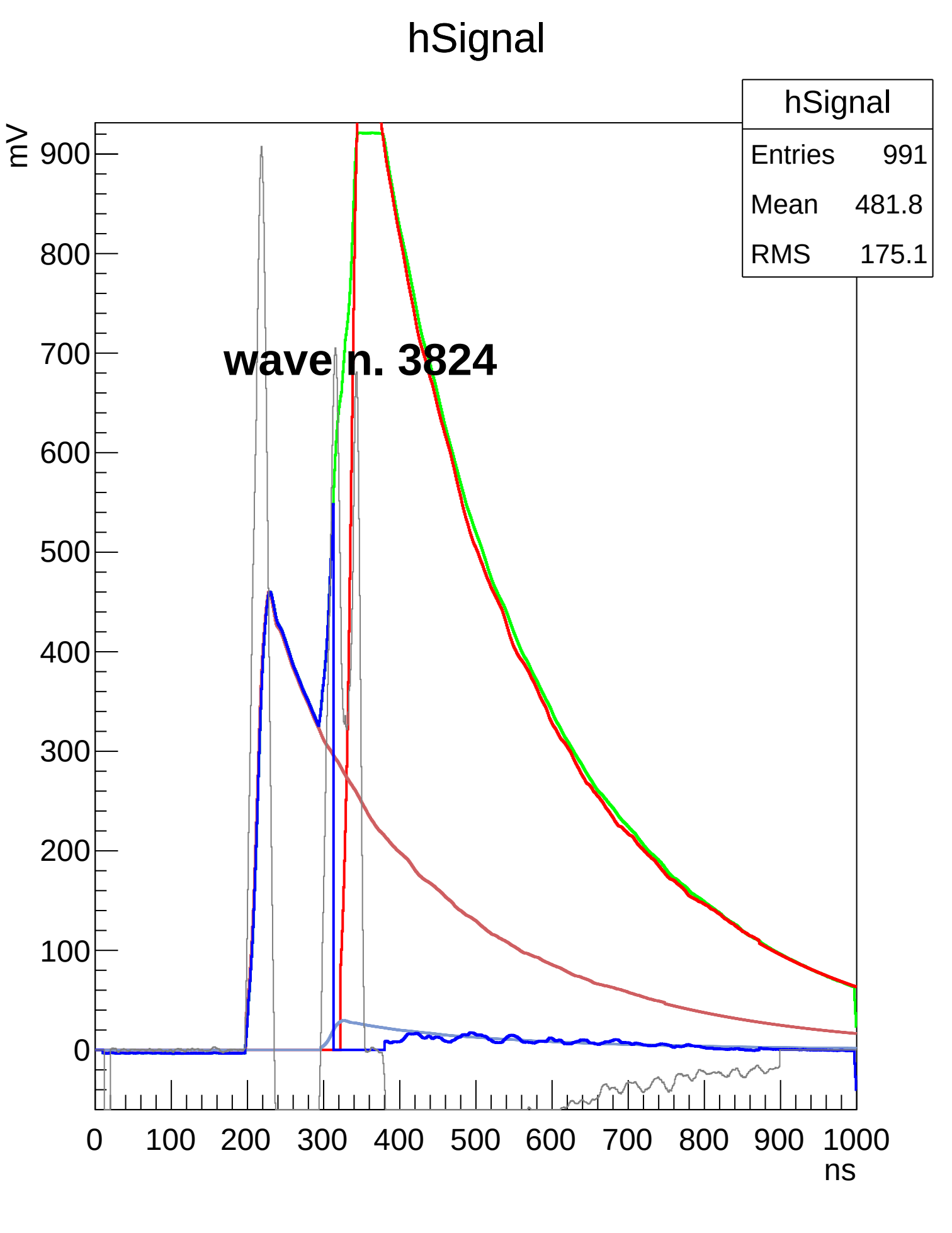
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481.8
RMS 175.1
wave n. 3824
mV
900
800
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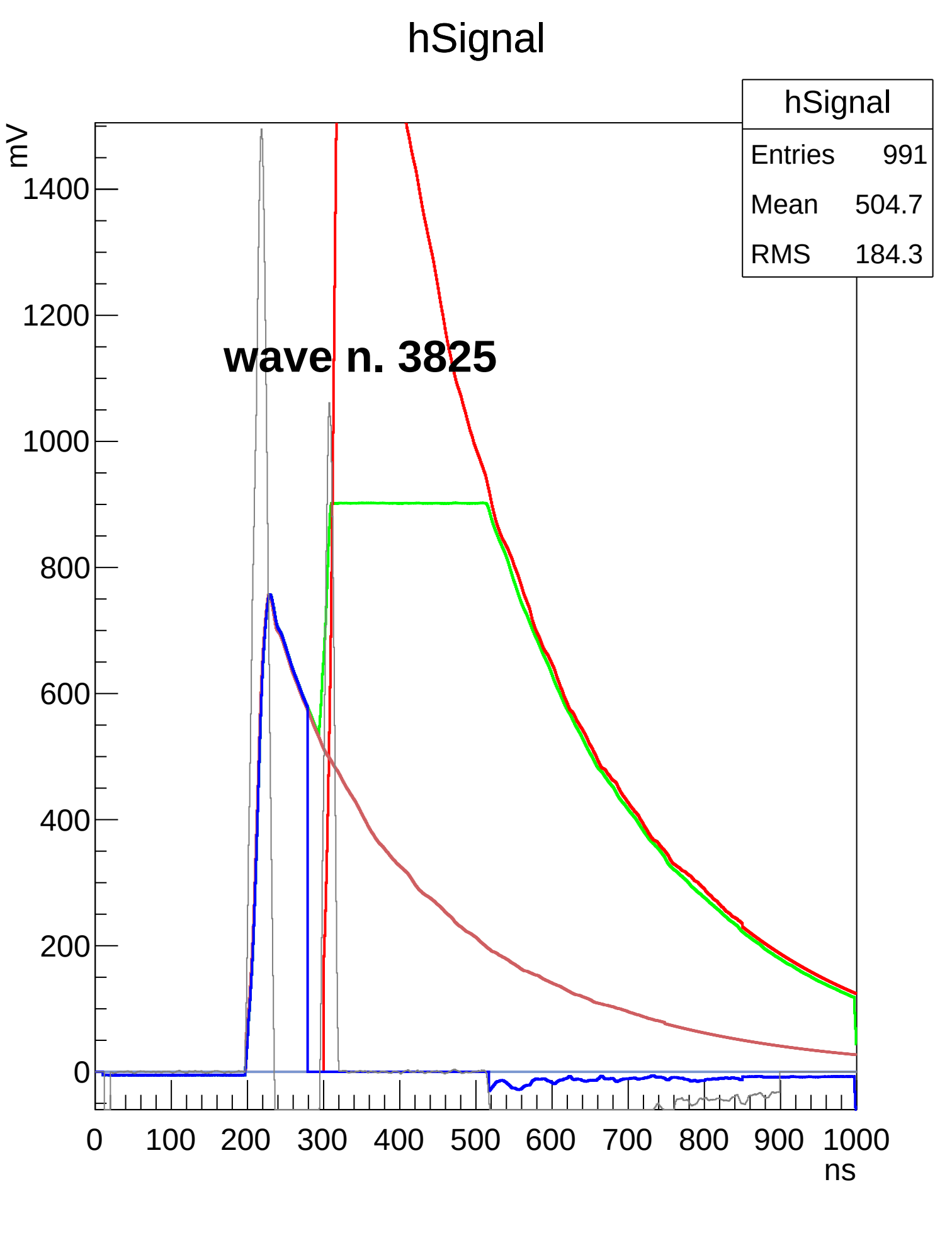
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.7
RMS 184.3
wave n. 3825
mV
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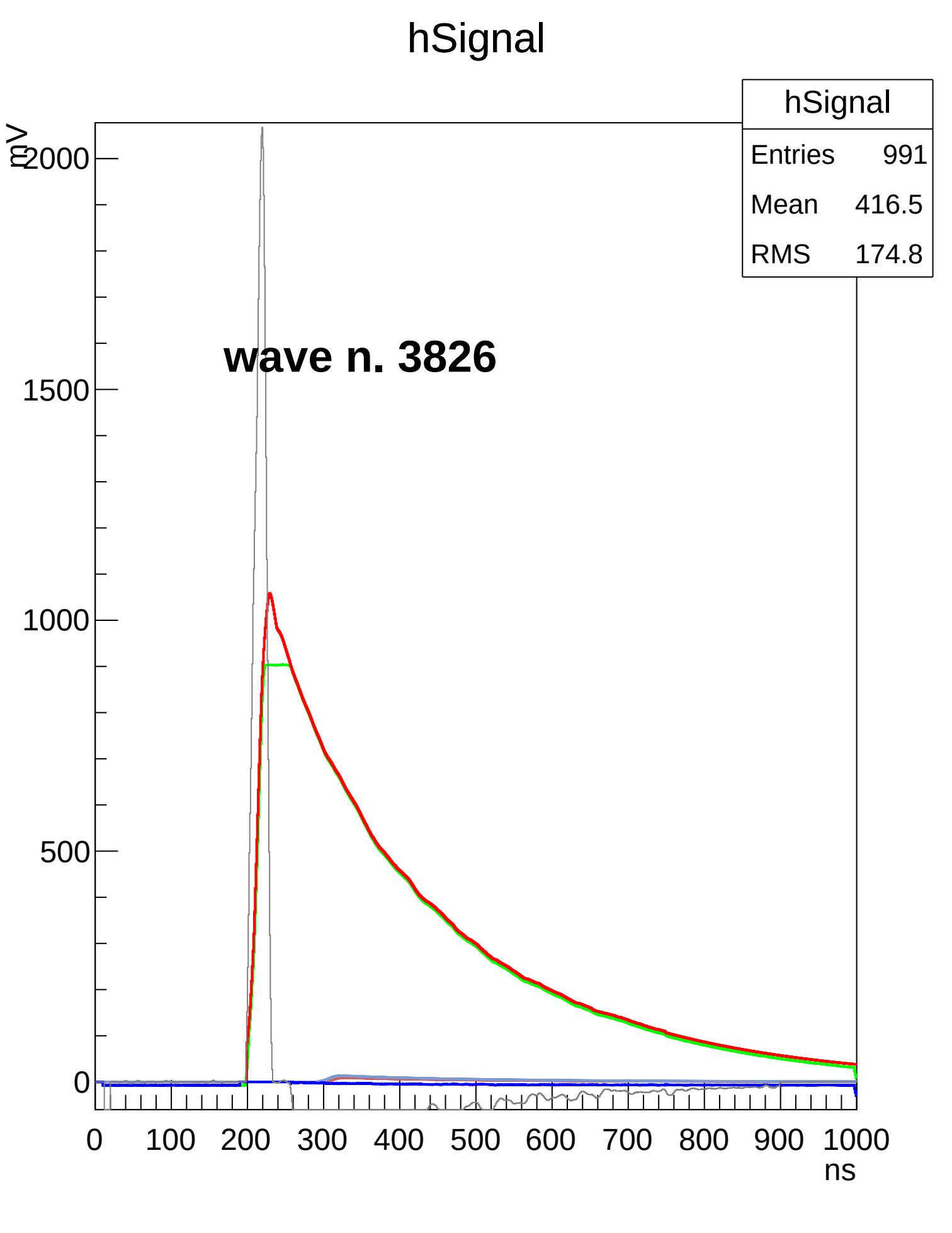
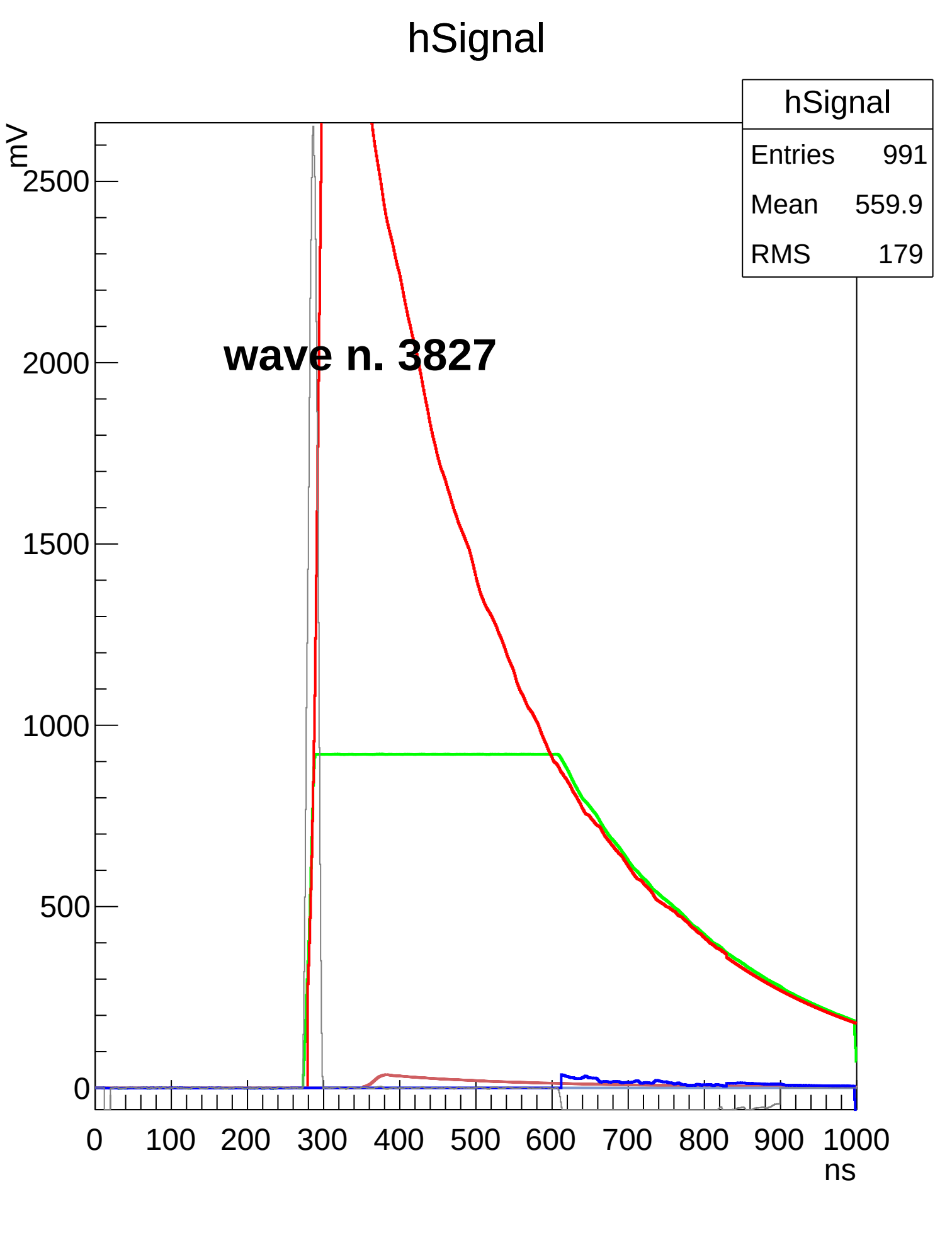
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 416.5
RMS 174.8
wave n. 3826
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 559.9
RMS 179
wave n. 3827
mV
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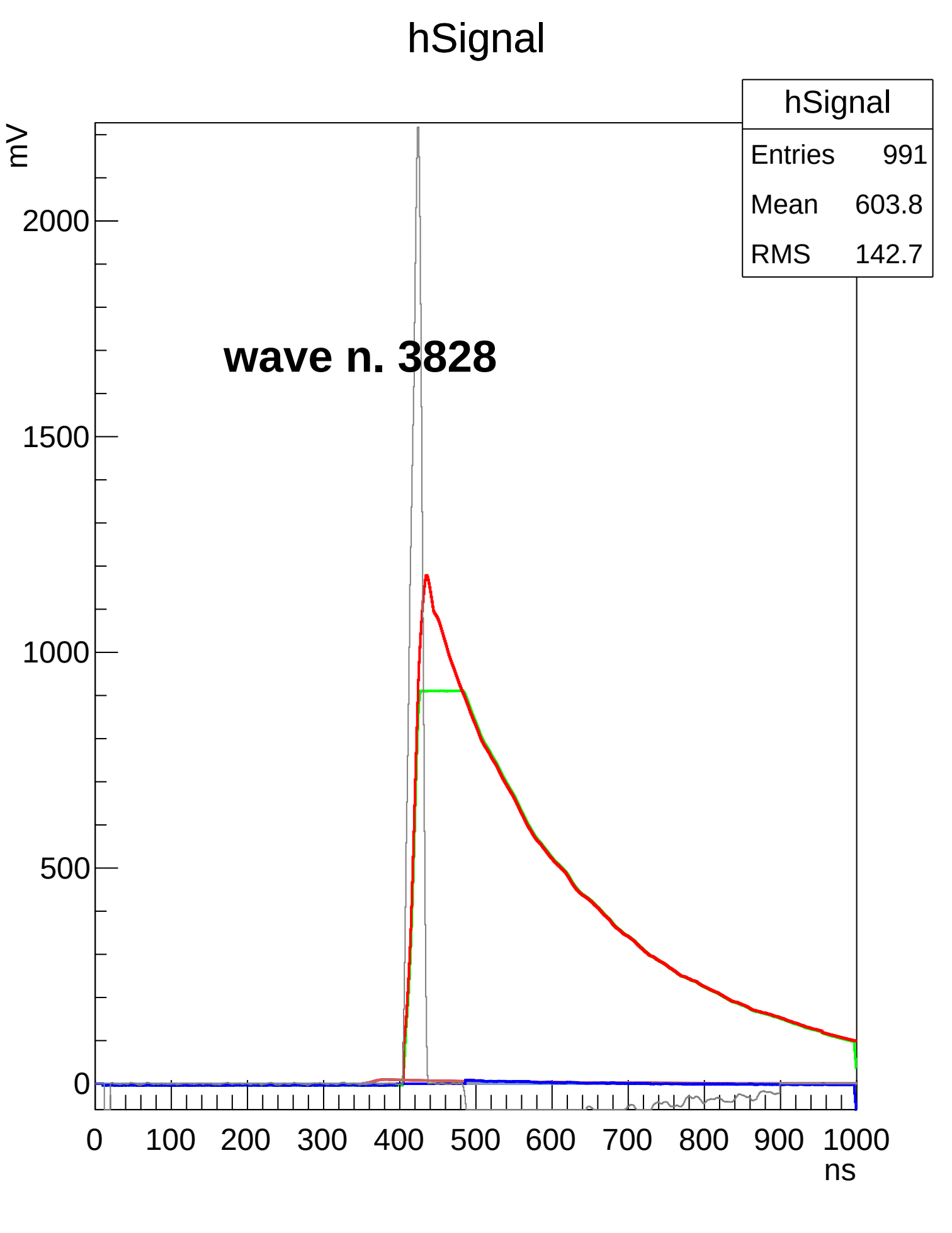
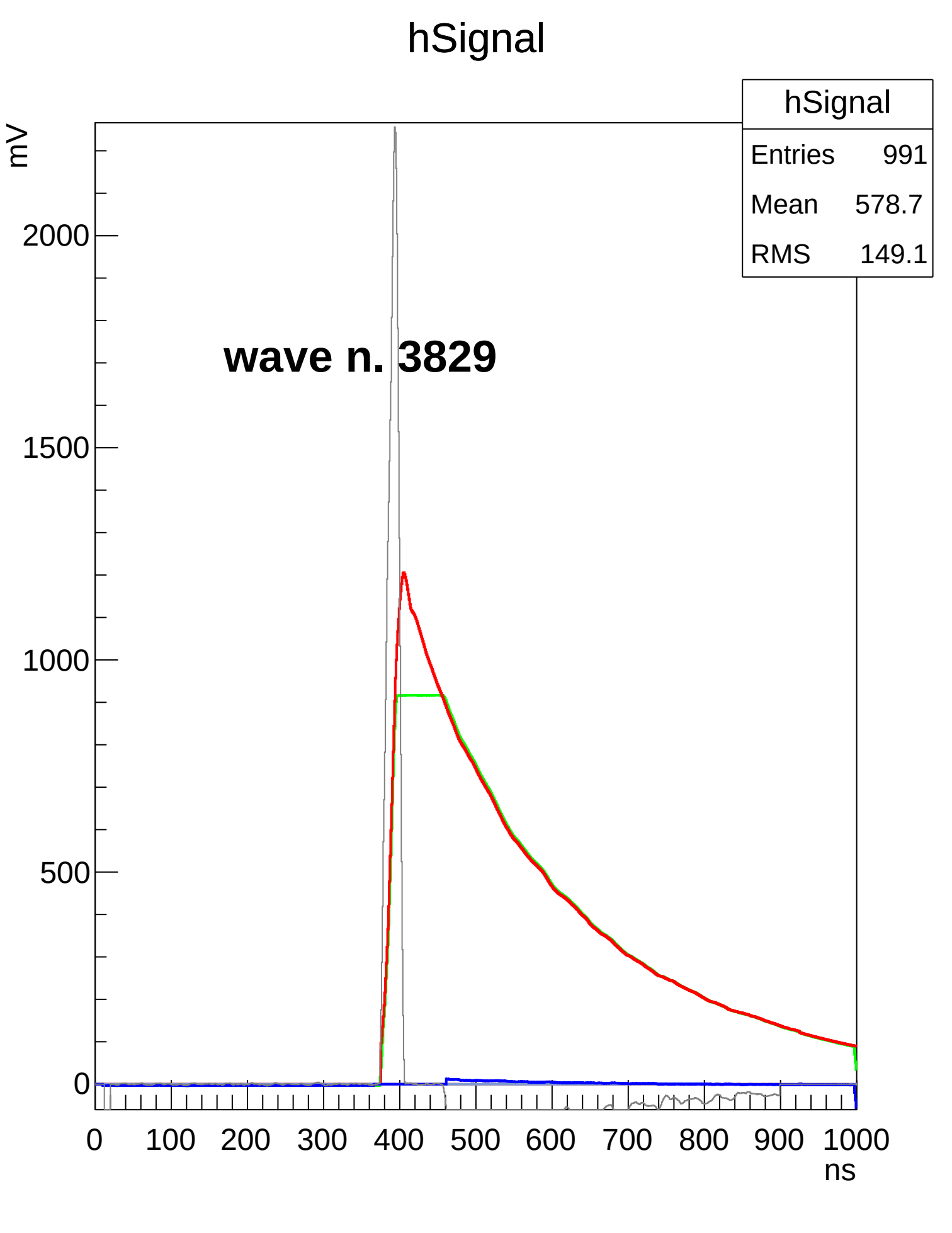
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 603.8
RMS 142.7
wave n. 3828
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 578.7
RMS 149.1
wave n. 3829
mV
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1500
1000
500
0
0
100
200
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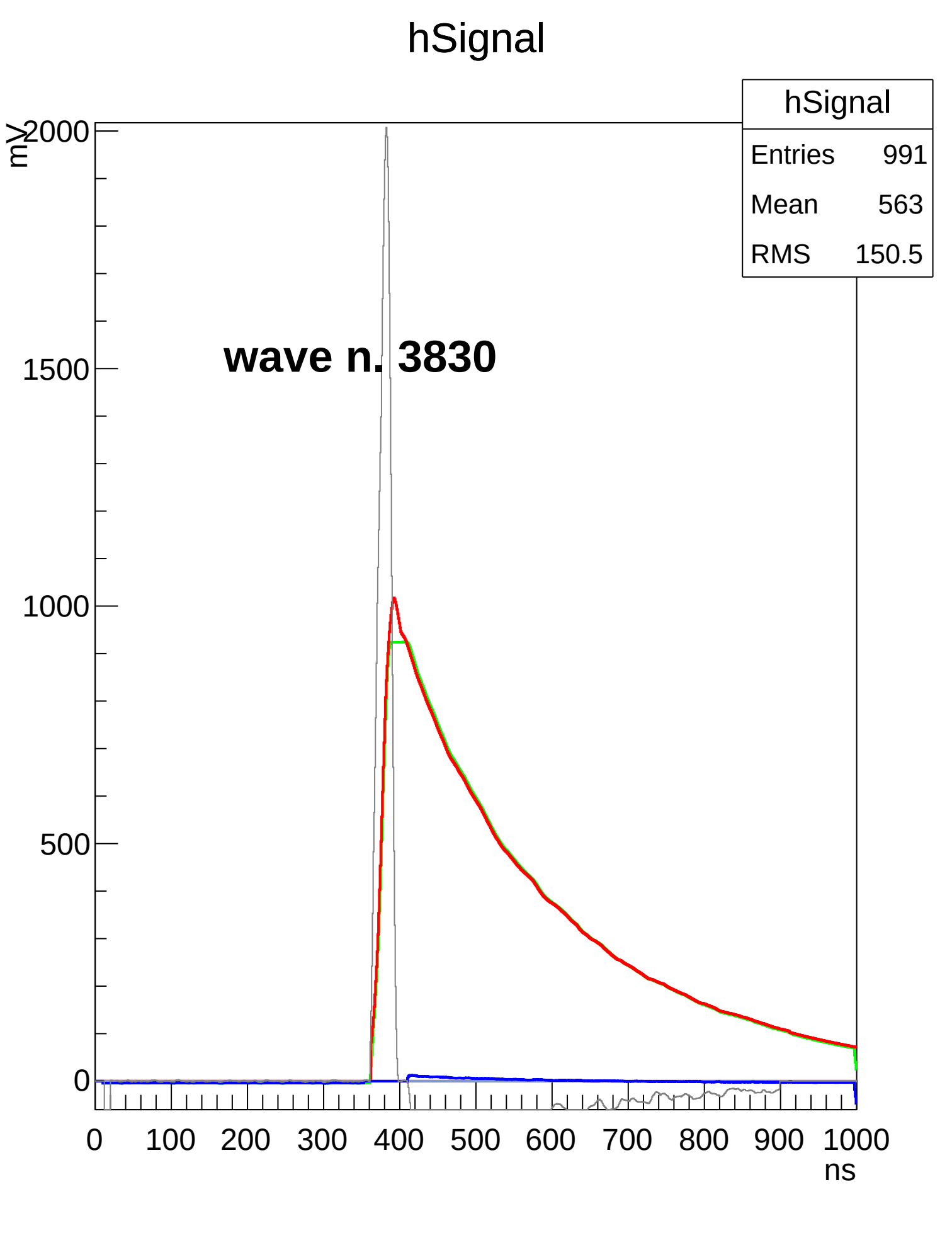
400
500
600
700
800
900
1000
ns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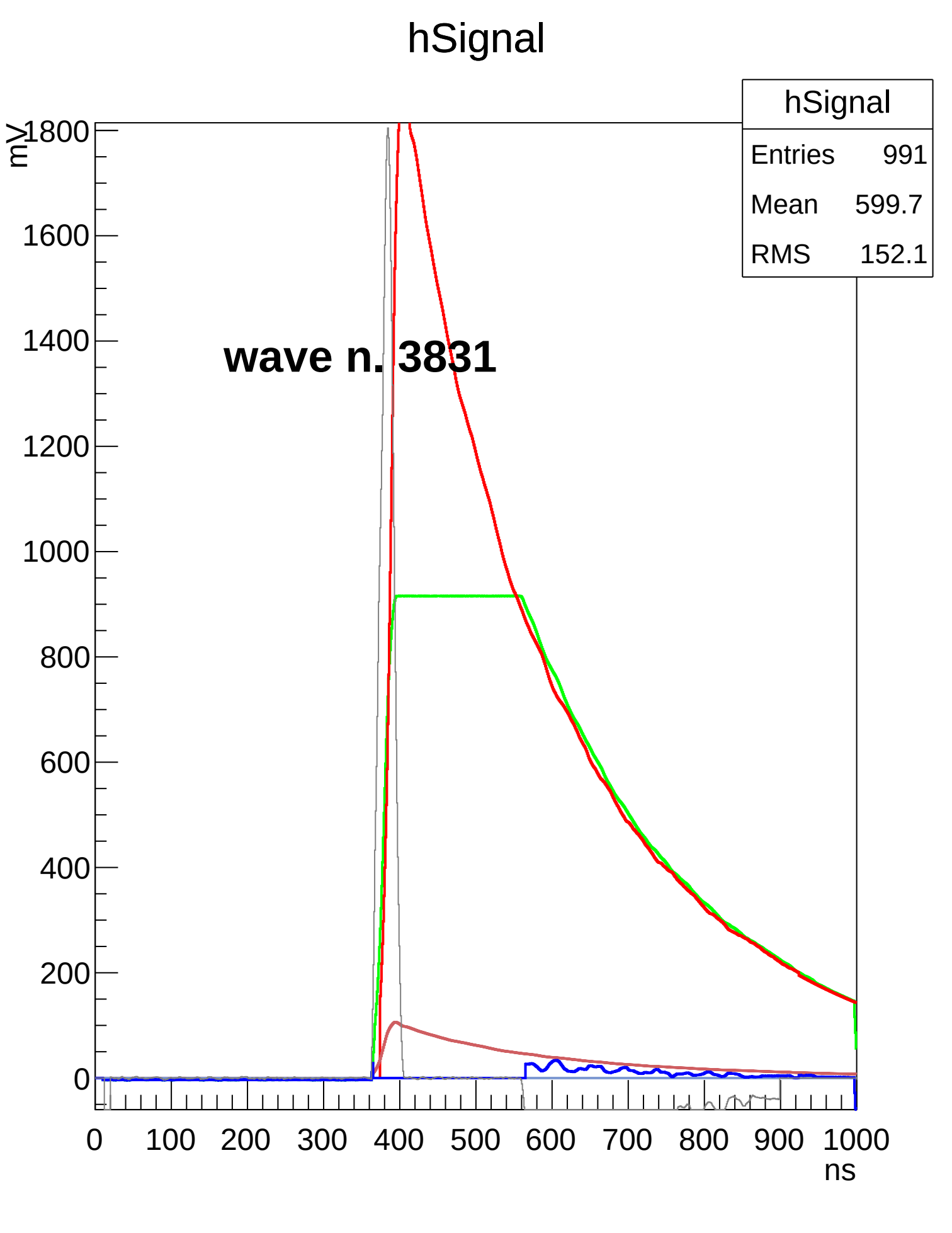
hSignal
Entries 991
Mean 563
RMS 150.5
wave n. 3830
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 599.7
RMS 152.1
wave n. 3831
mV
1800
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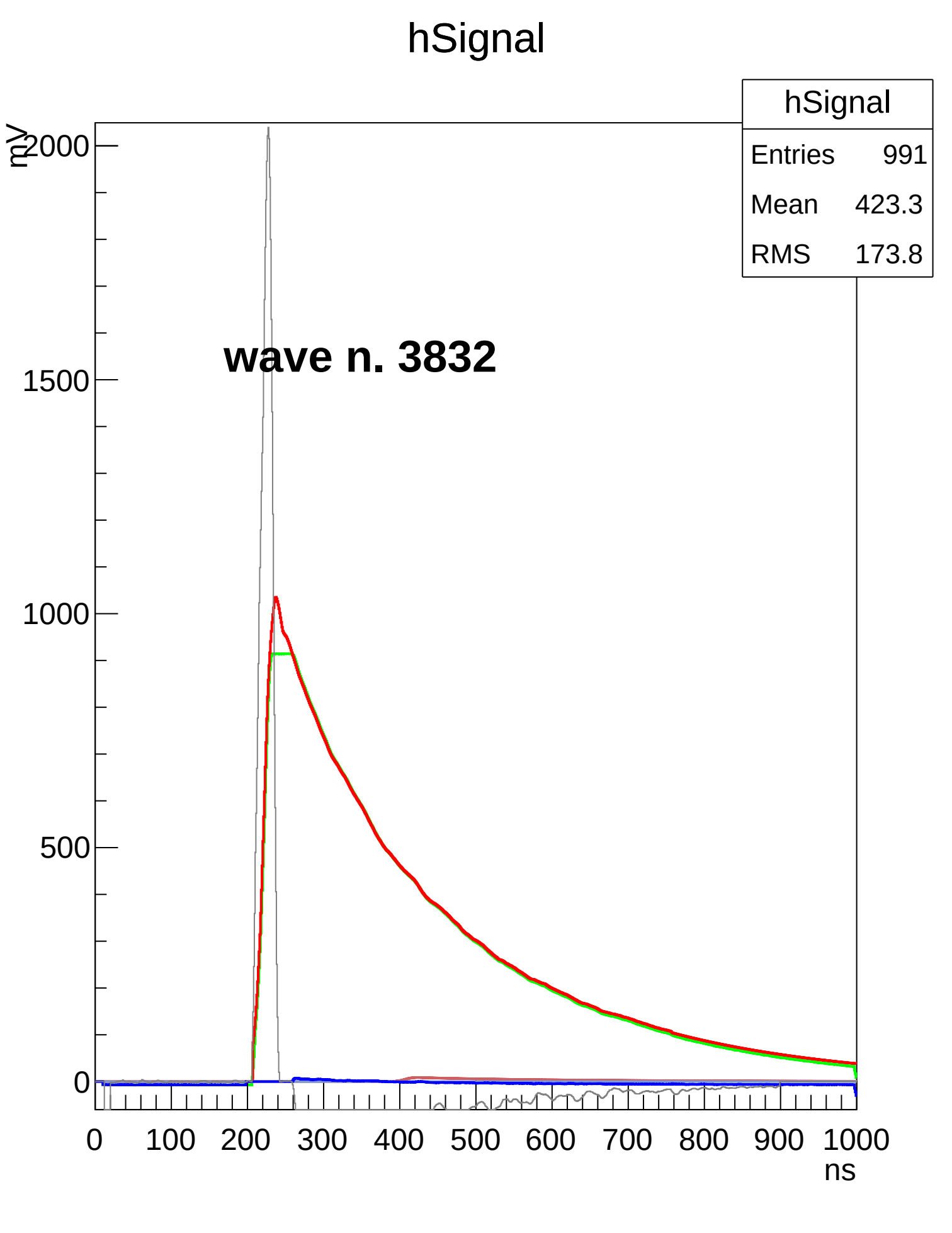
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 423.3
RMS 173.8
wave n. 3832
mV
2000
1500
1000
500
0
0
100
200
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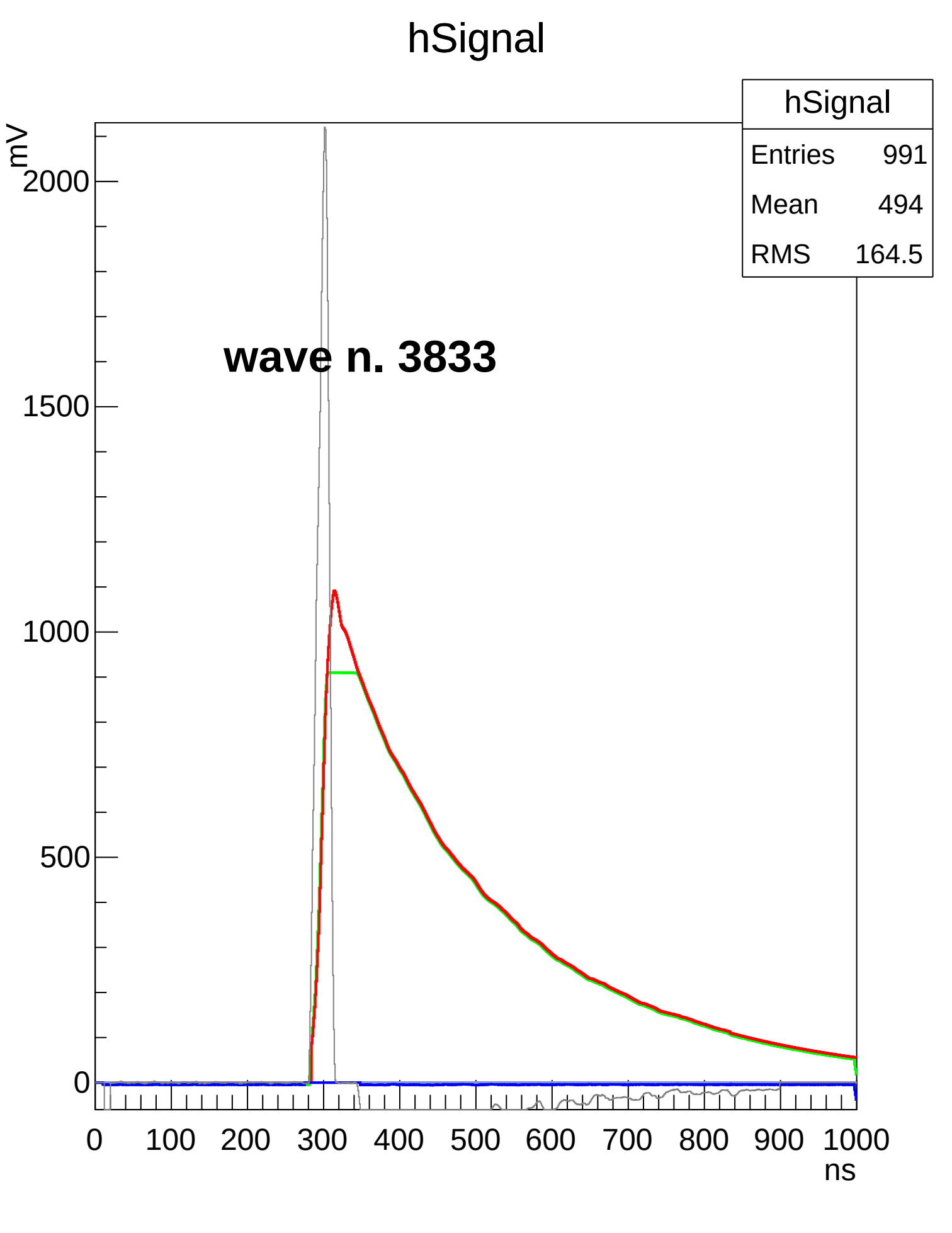
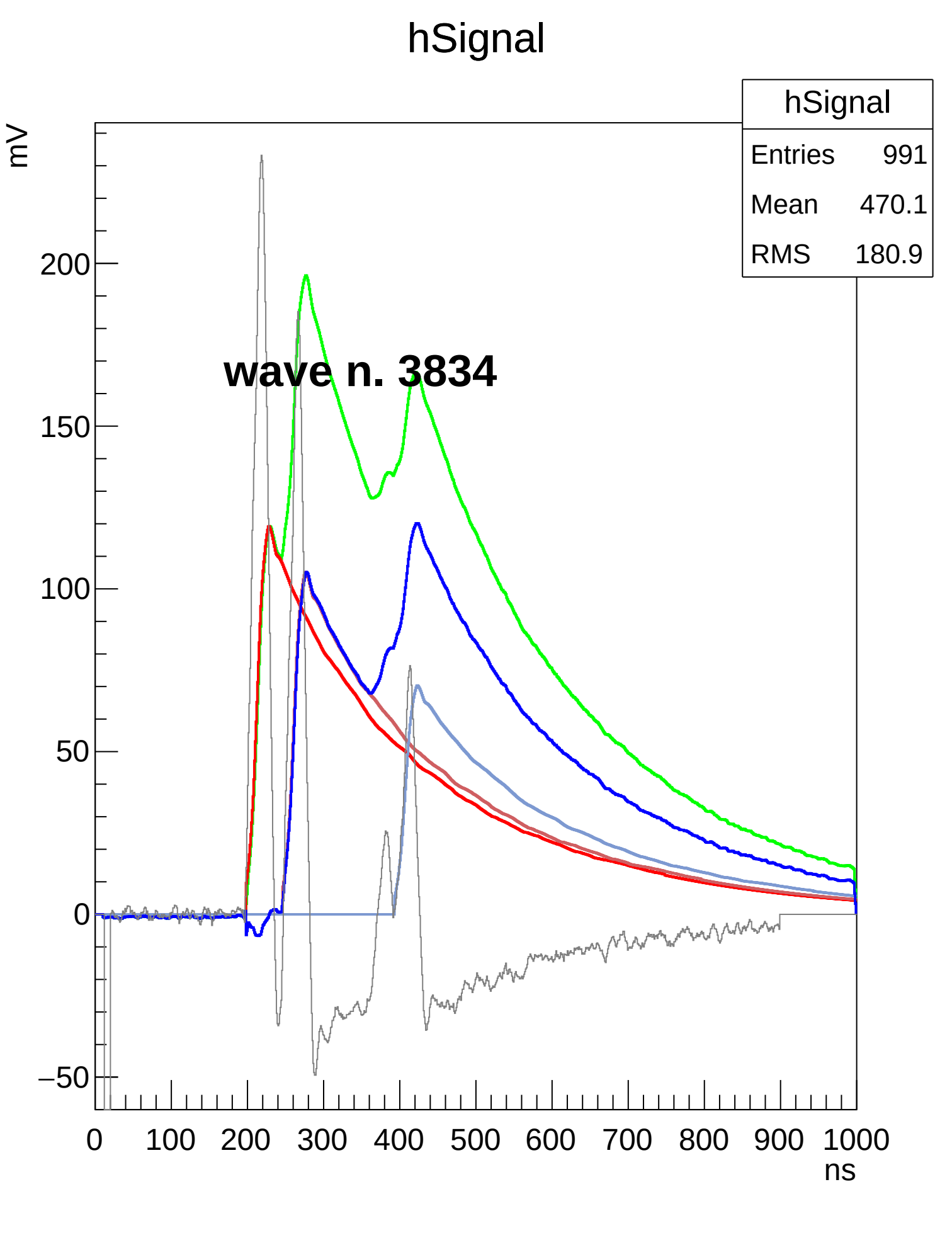
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 494
RMS 164.5
wave n. 3833
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 470.1
RMS 180.9
wave n. 3834
mV
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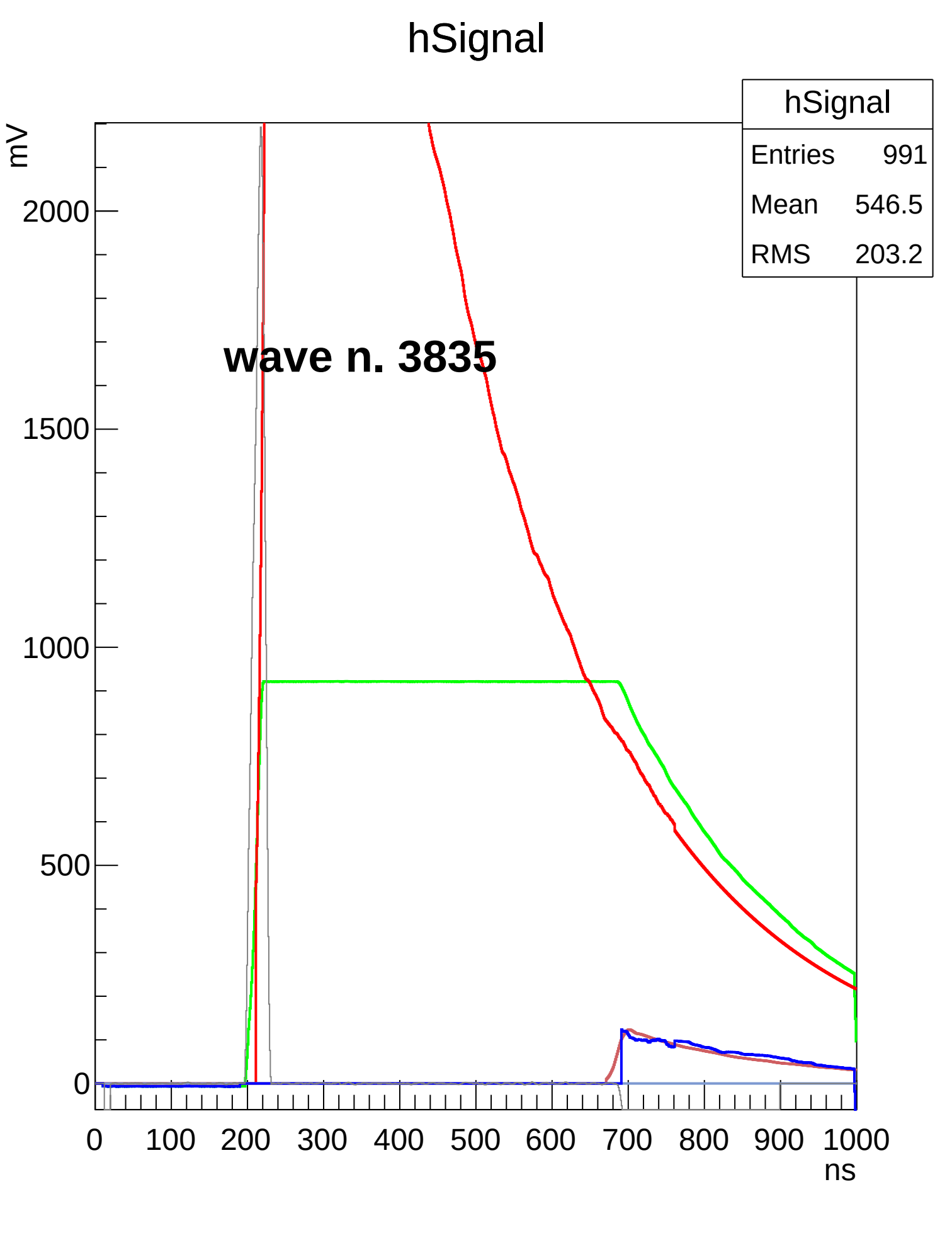
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 546.5
RMS 203.2
wave n. 3835
mV
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1500
1000
500
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0
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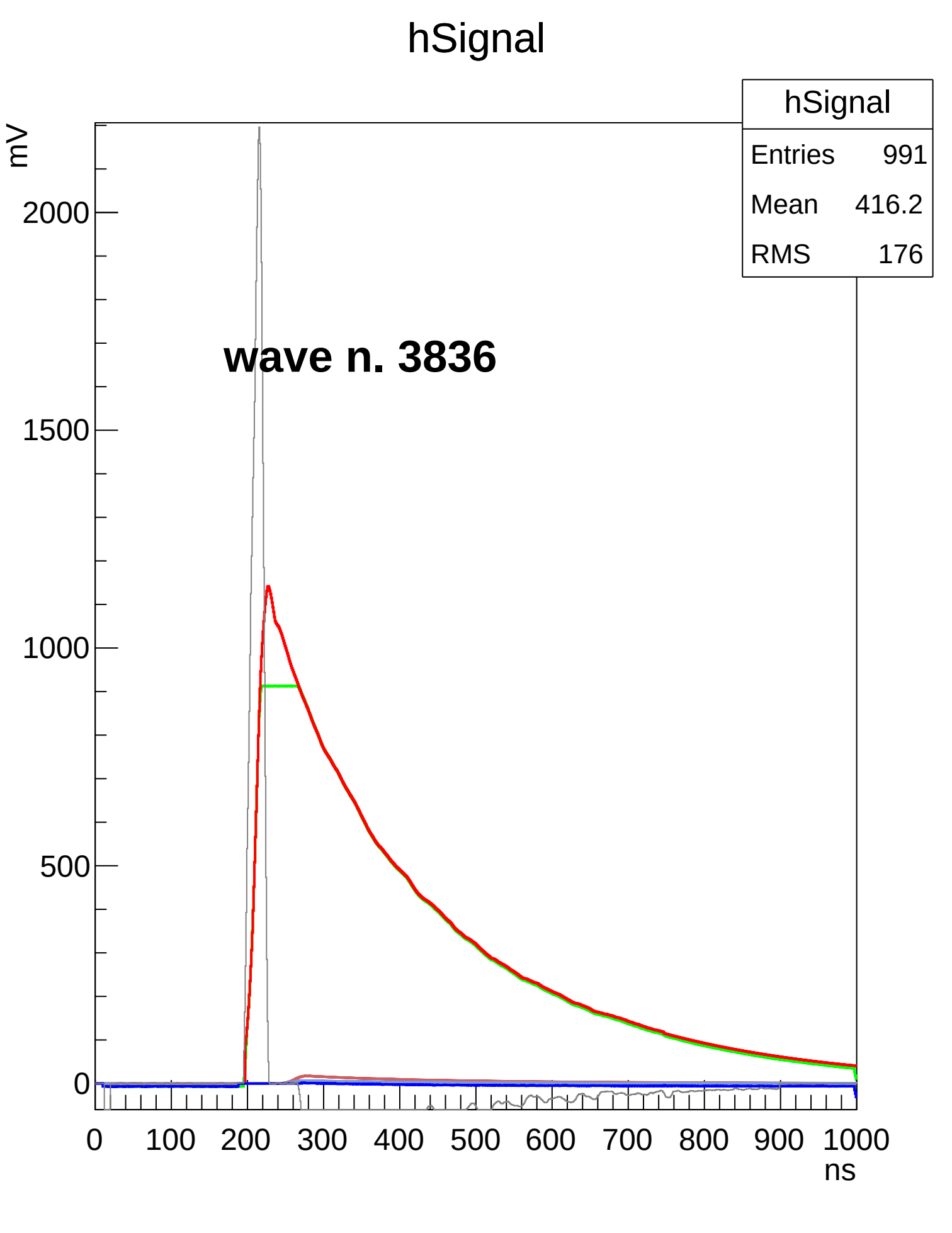
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 416.2
RMS 176
wave n. 3836
mV
2000
1500
1000
500
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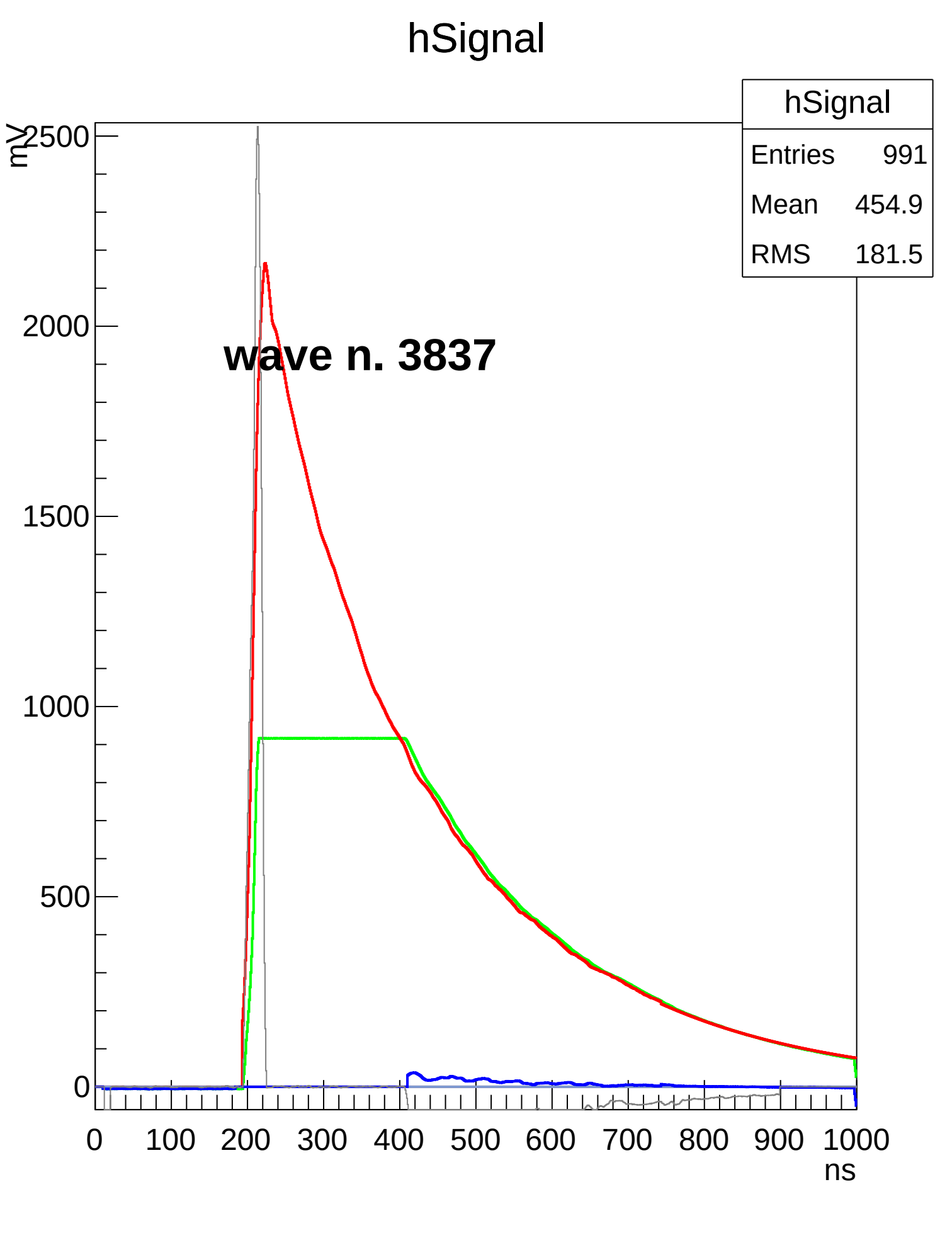
ns


hSignal
hSignal
Entries 991
Mean 454.9
RMS 181.5
wave n. 3837
mV
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1500
1000
500
0
0
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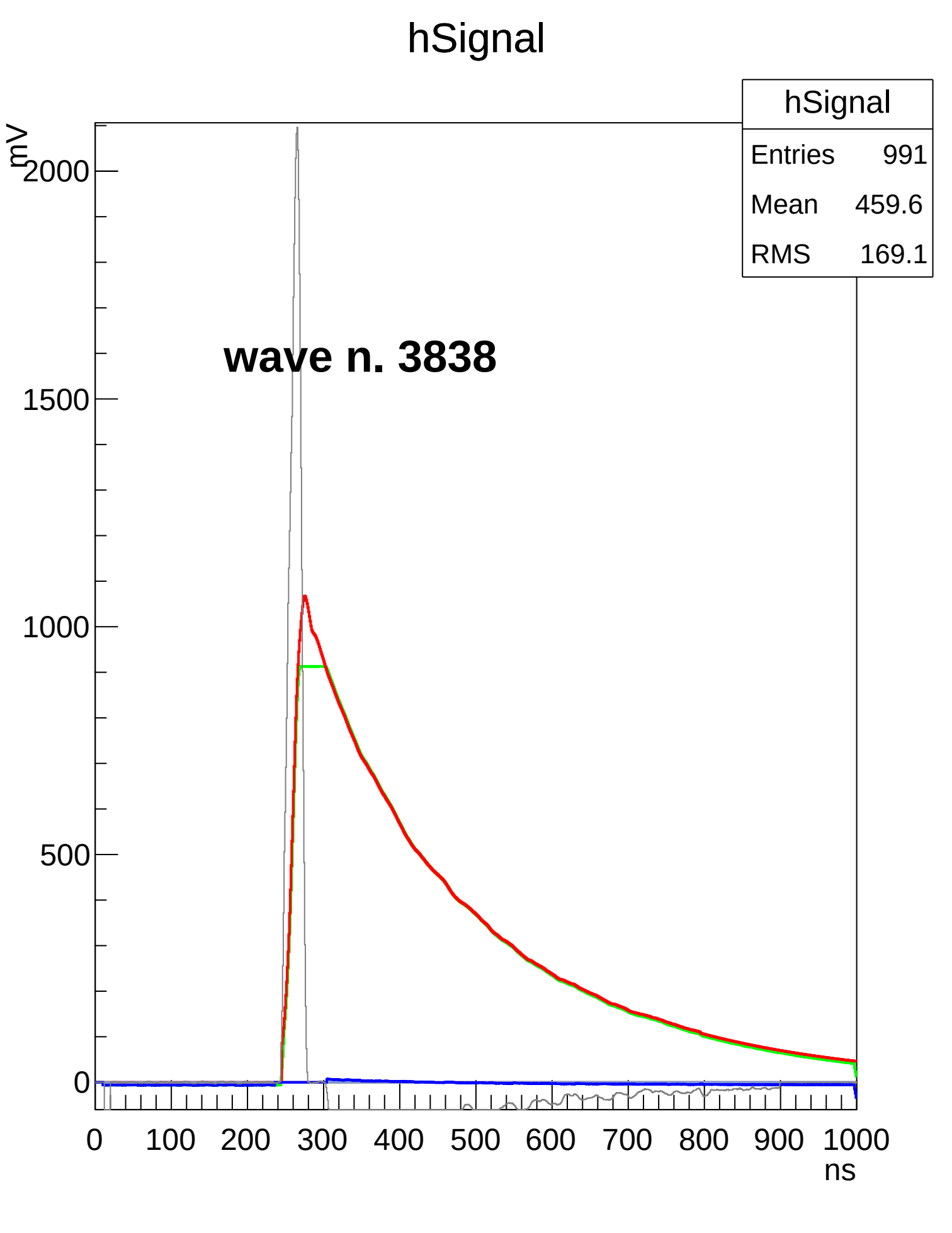
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 459.6
RMS 169.1
wave n. 3838
mV
2000
1500
1000
500
0
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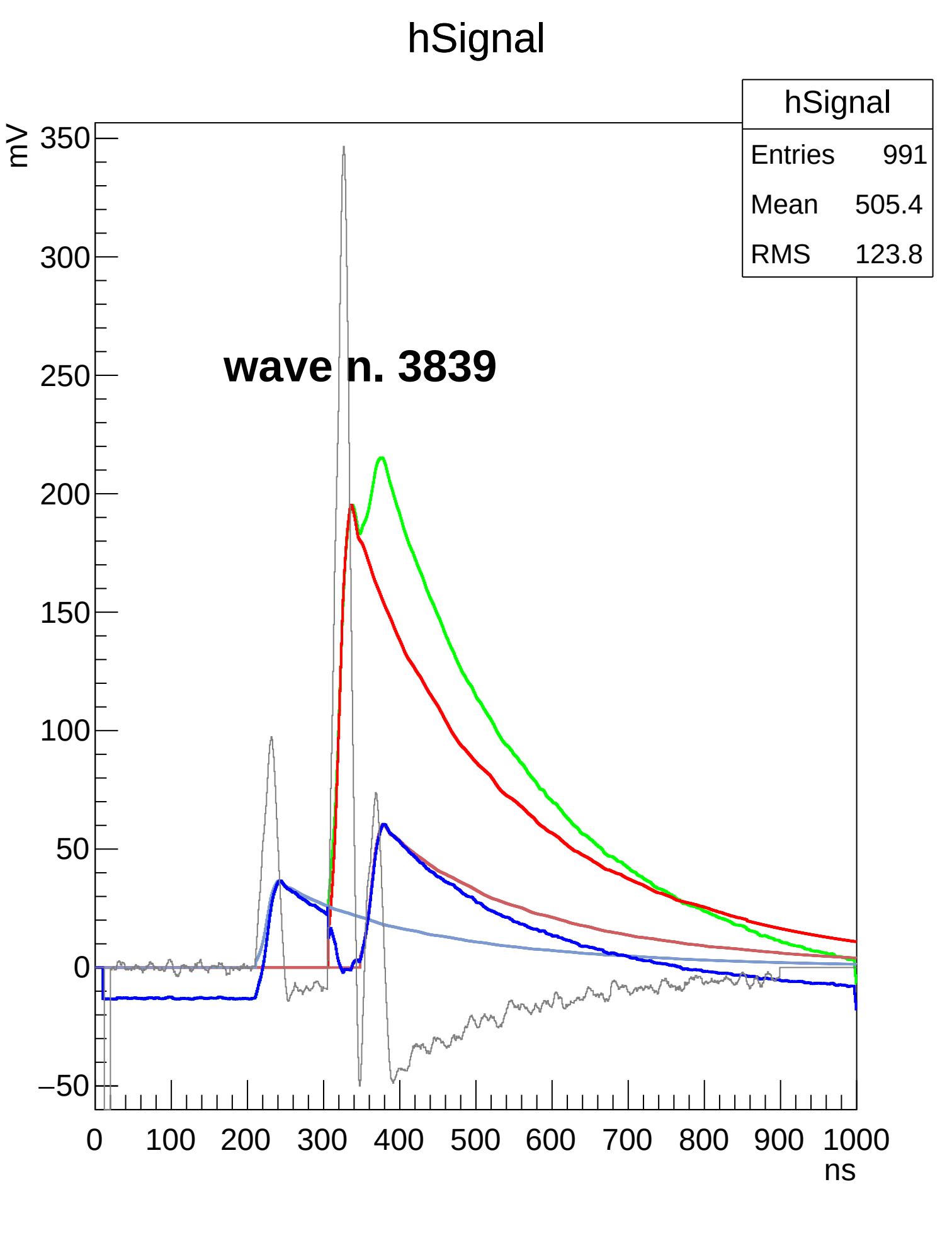
ns


hSignal
hSignal
Entries 991
Mean 505.4
RMS 123.8
wave n. 3839
mV
350
300
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100
50
0
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0
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200
300
400
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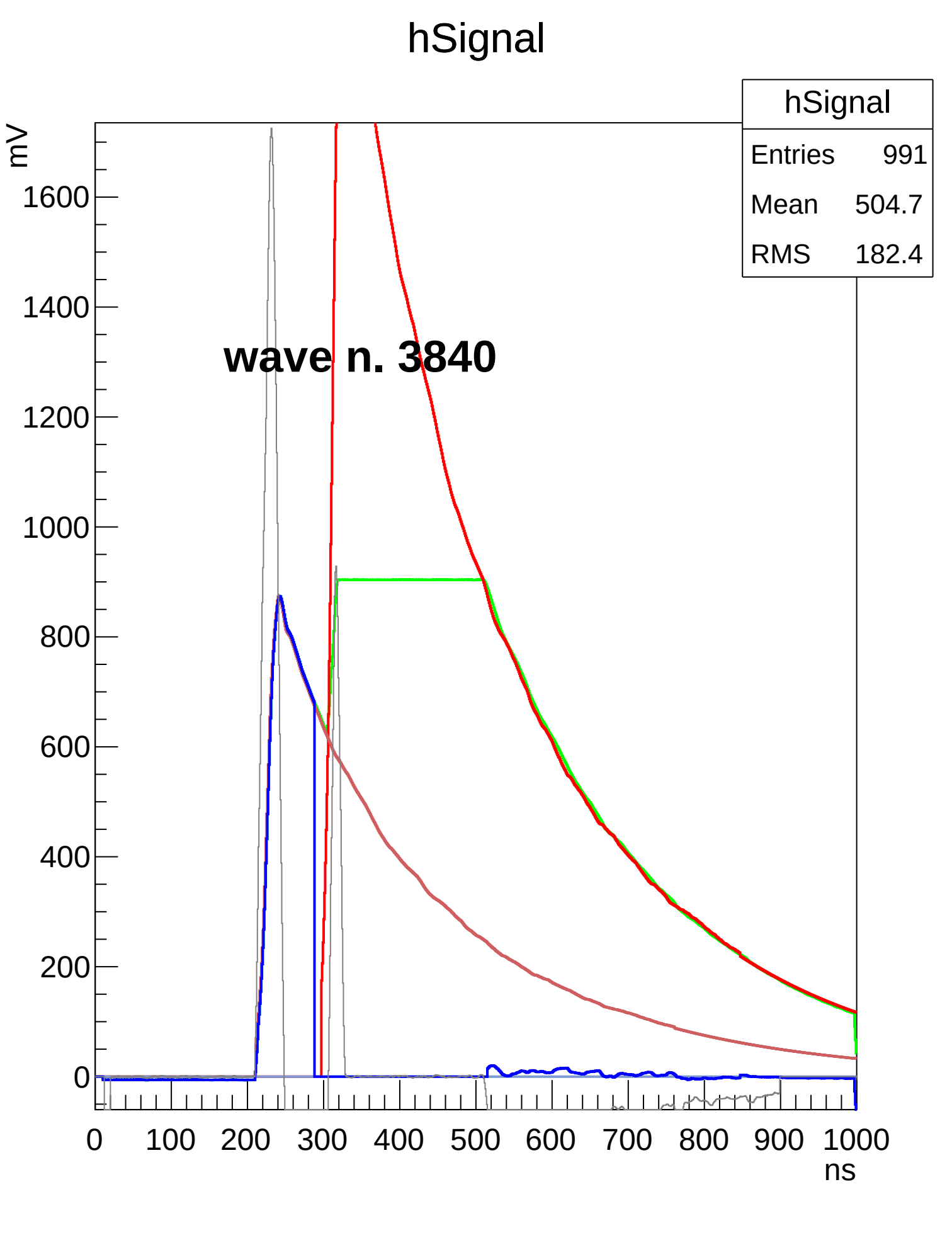
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.7
RMS 182.4
wave n. 3840
mV
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1200
1000
800
600
400
200
0
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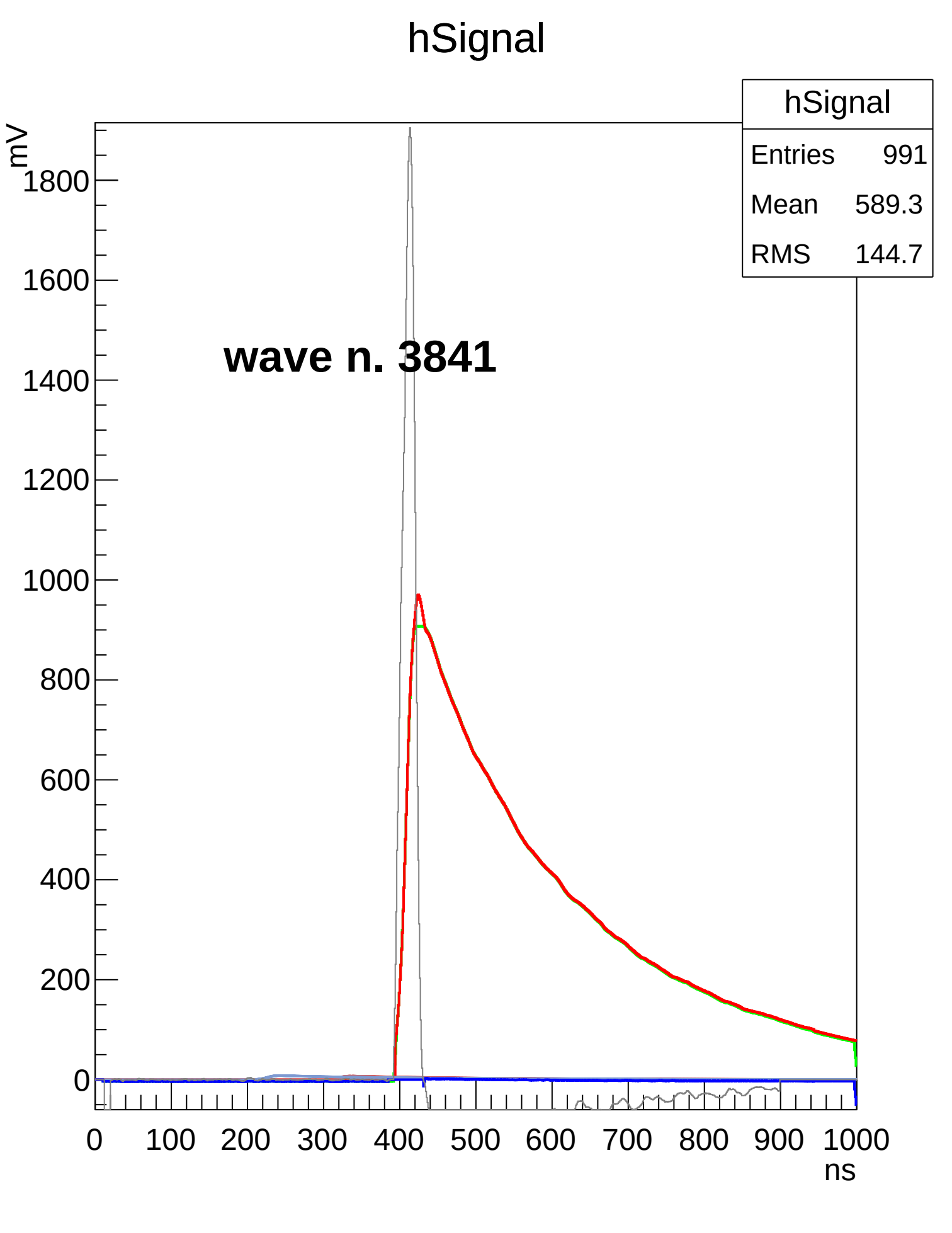
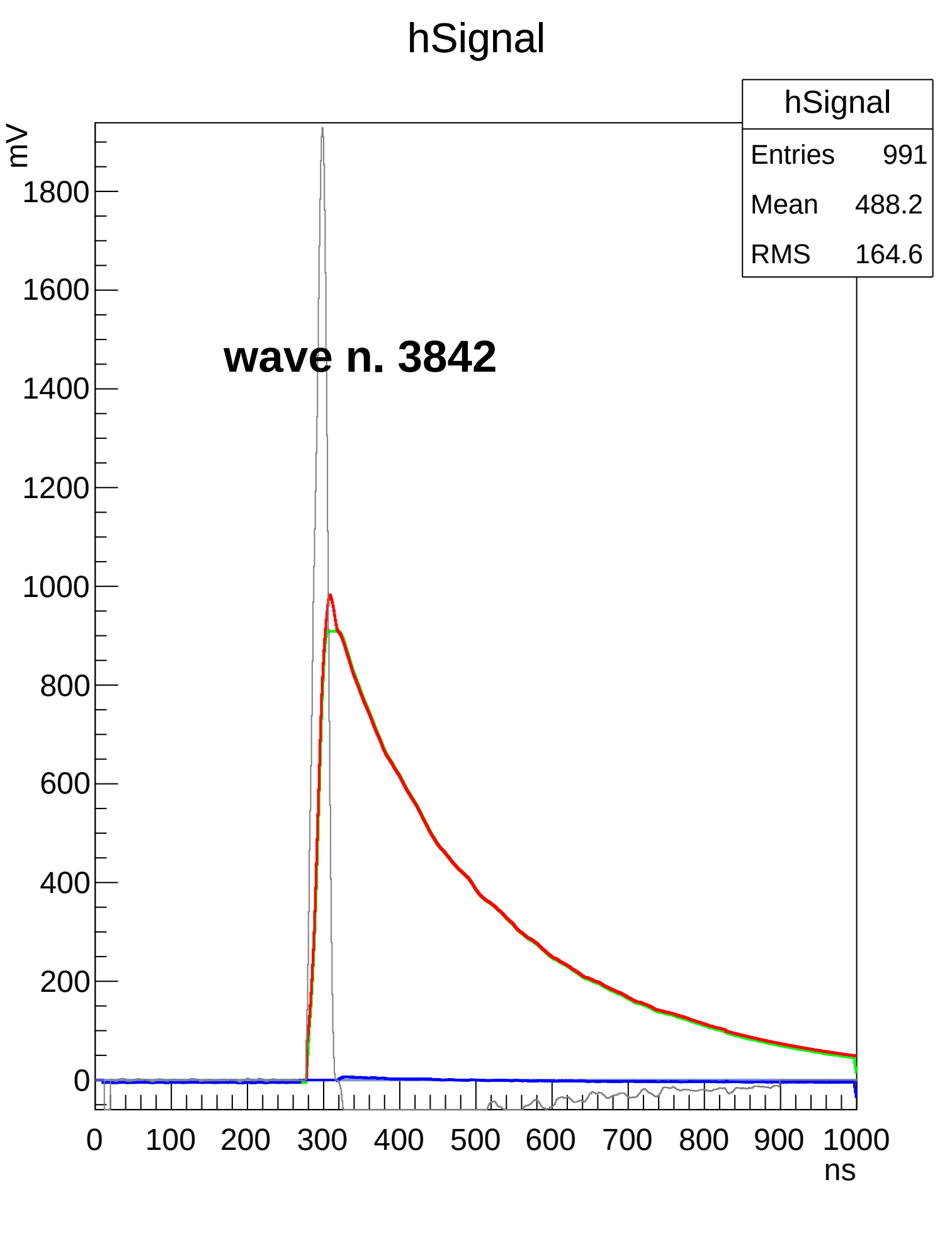
ns


hSignal
hSignal
Entries 991
Mean 589.3
RMS 144.7
wave n. 3841
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 488.2
RMS 164.6
wave n. 3842
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
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400
500
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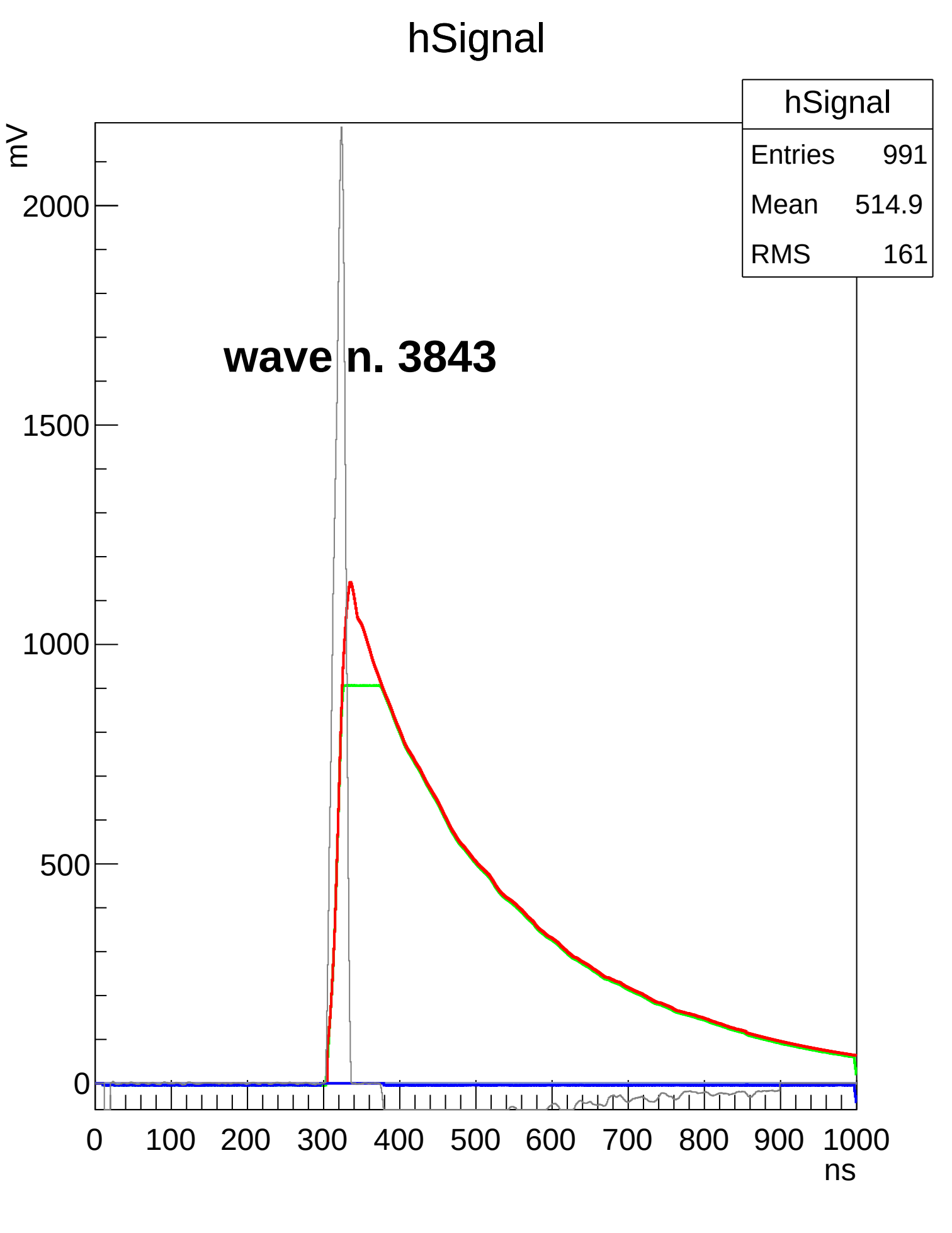
700
800
900
1000
ns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RMS 161
wave n. 3843
mV
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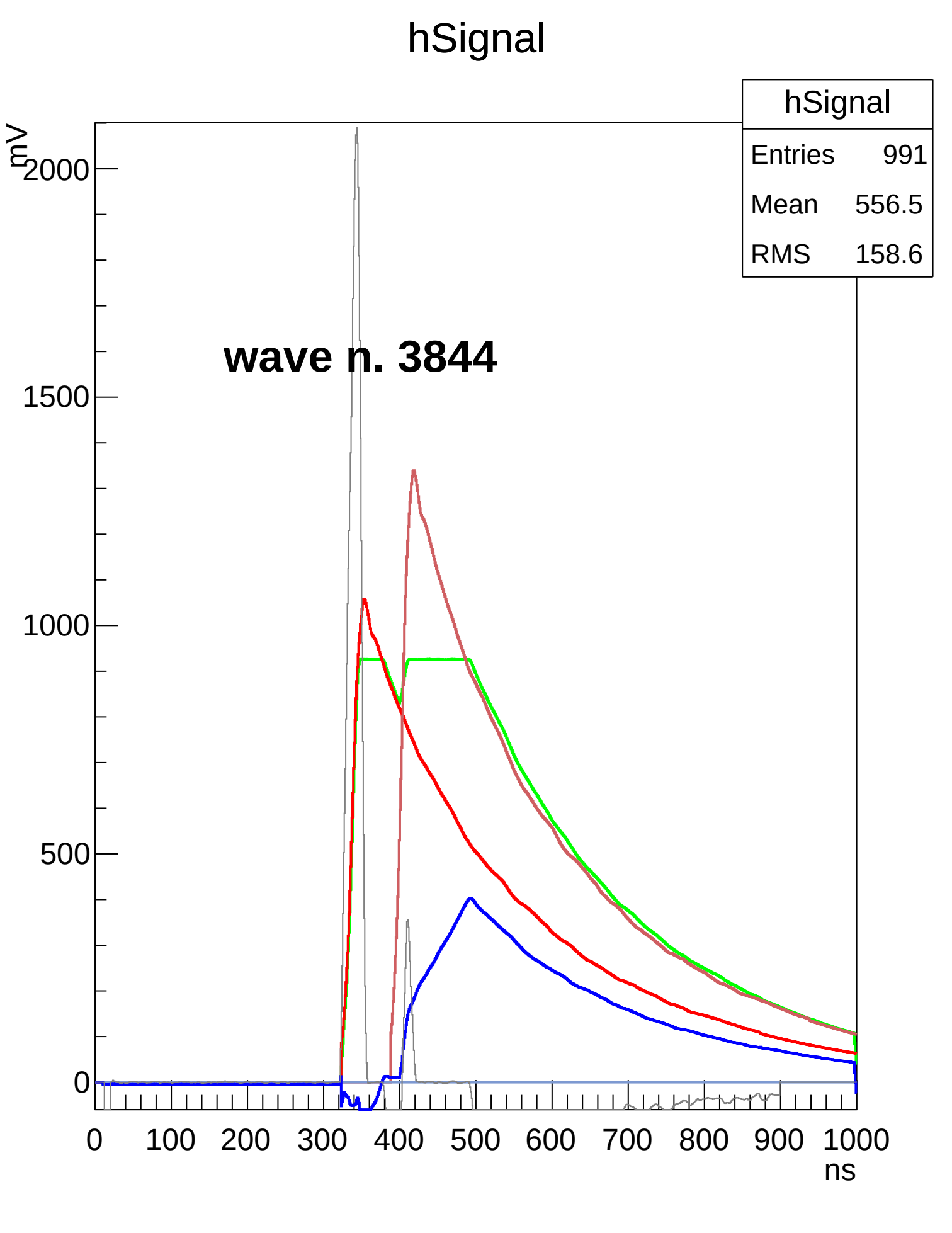
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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Mean 556.5
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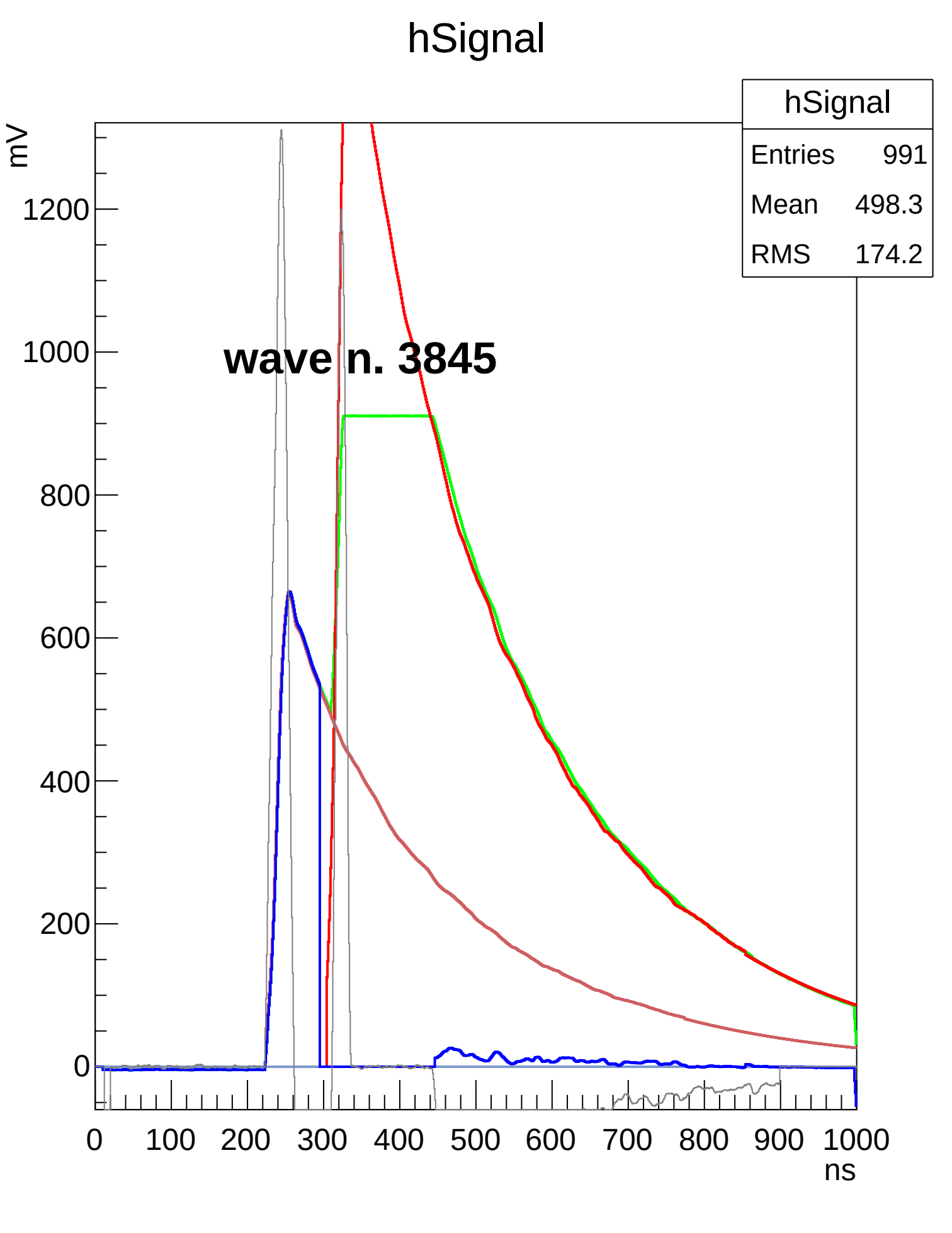
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RMS 174.2
wave n. 3845
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1000
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400
200
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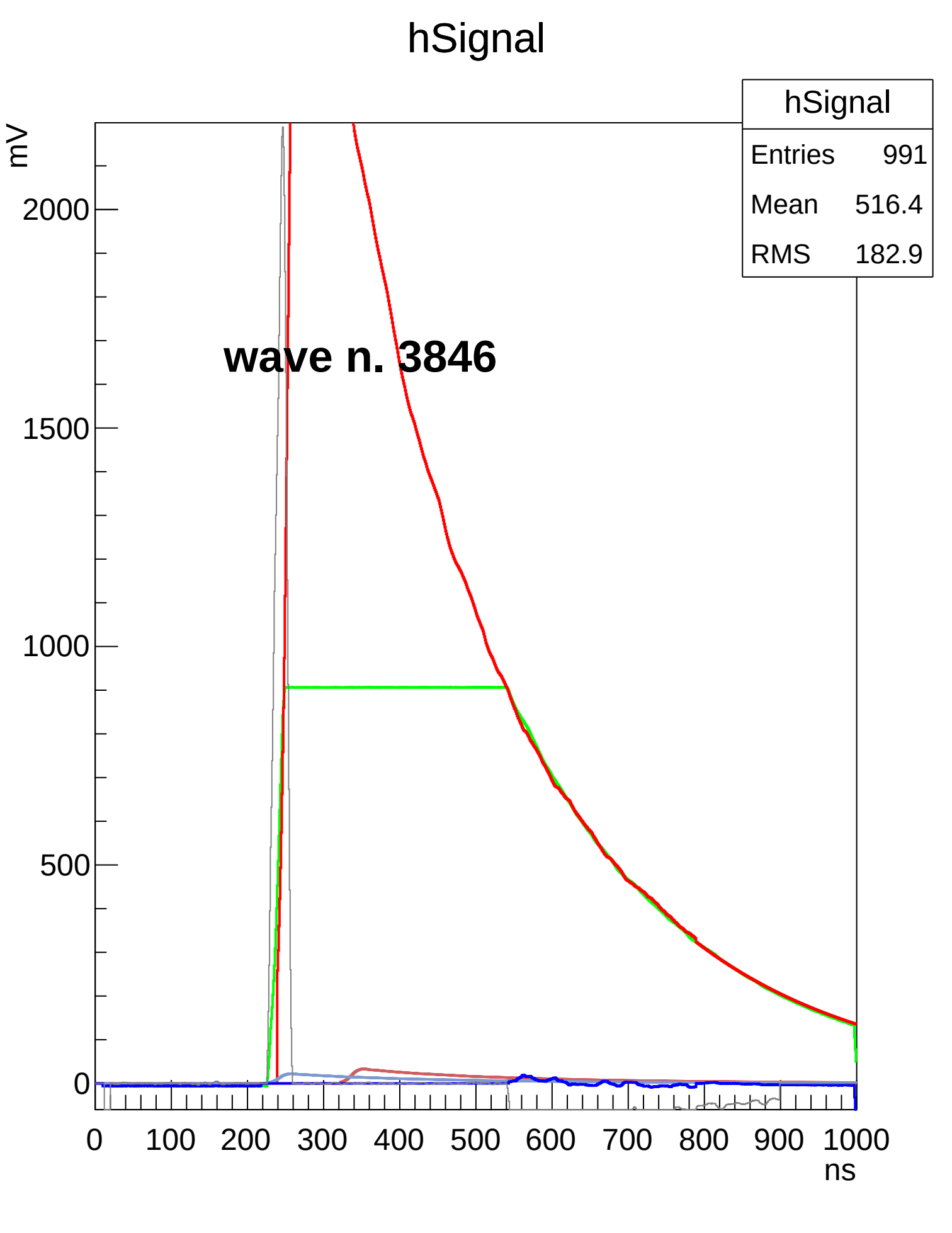
ns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Mean 516.4
RMS 182.9
wave n. 3846
mV
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1000
500
0
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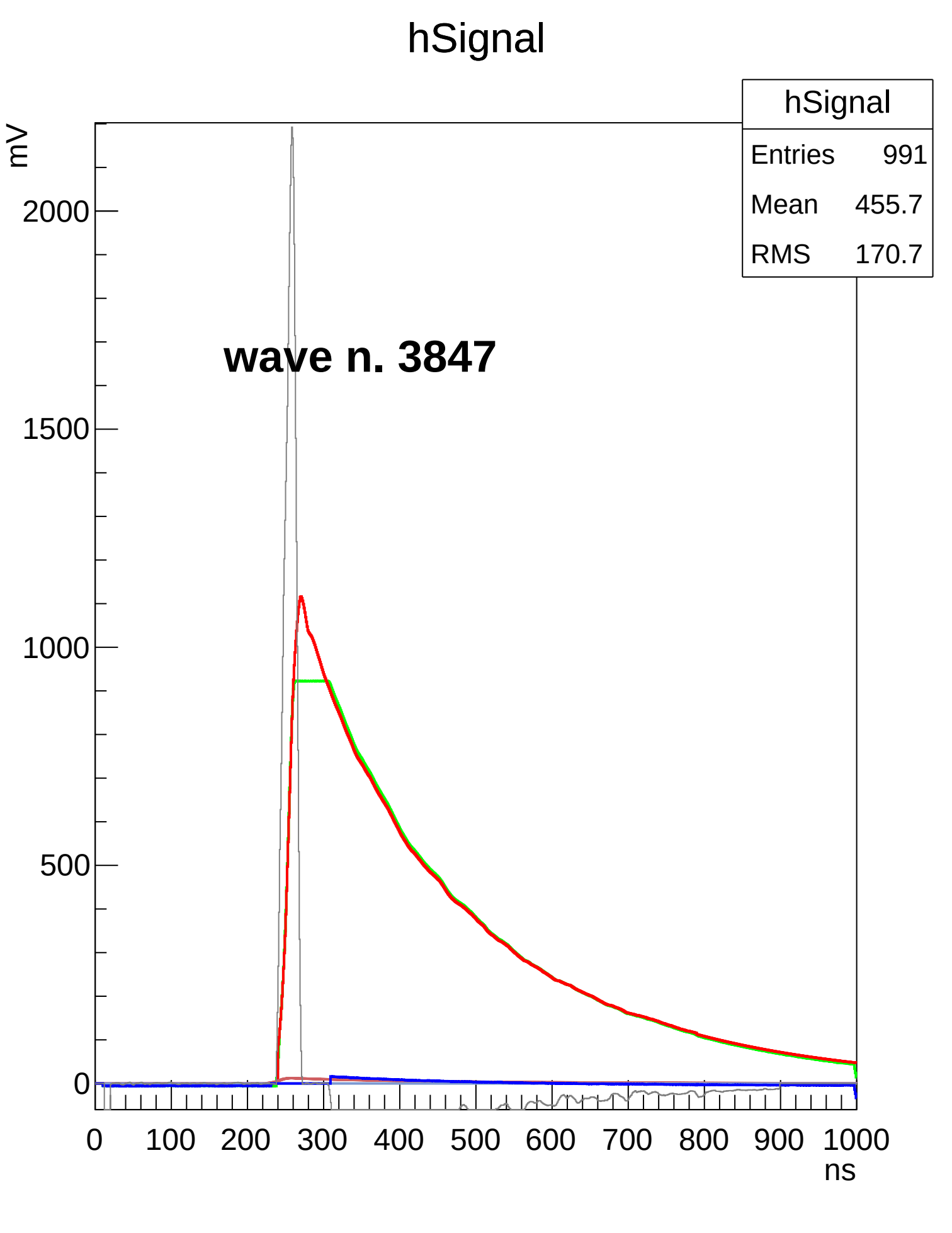
ns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Mean 455.7
RMS 170.7
wave n. 3847
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0
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1000
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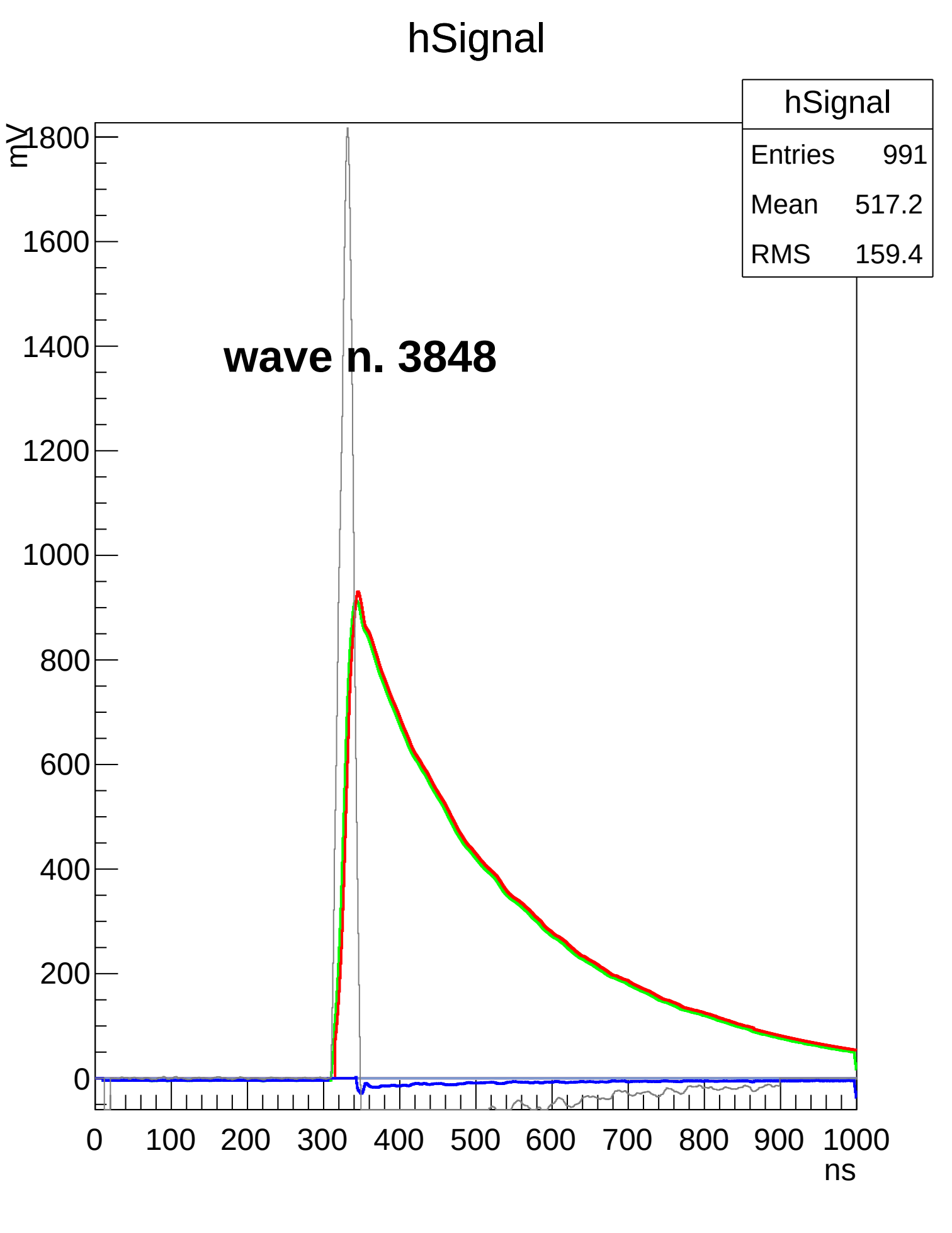
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hSignal
Entries 991
Mean 517.2
RMS 159.4
wave n. 3848
mV
1800
1600
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600
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1000
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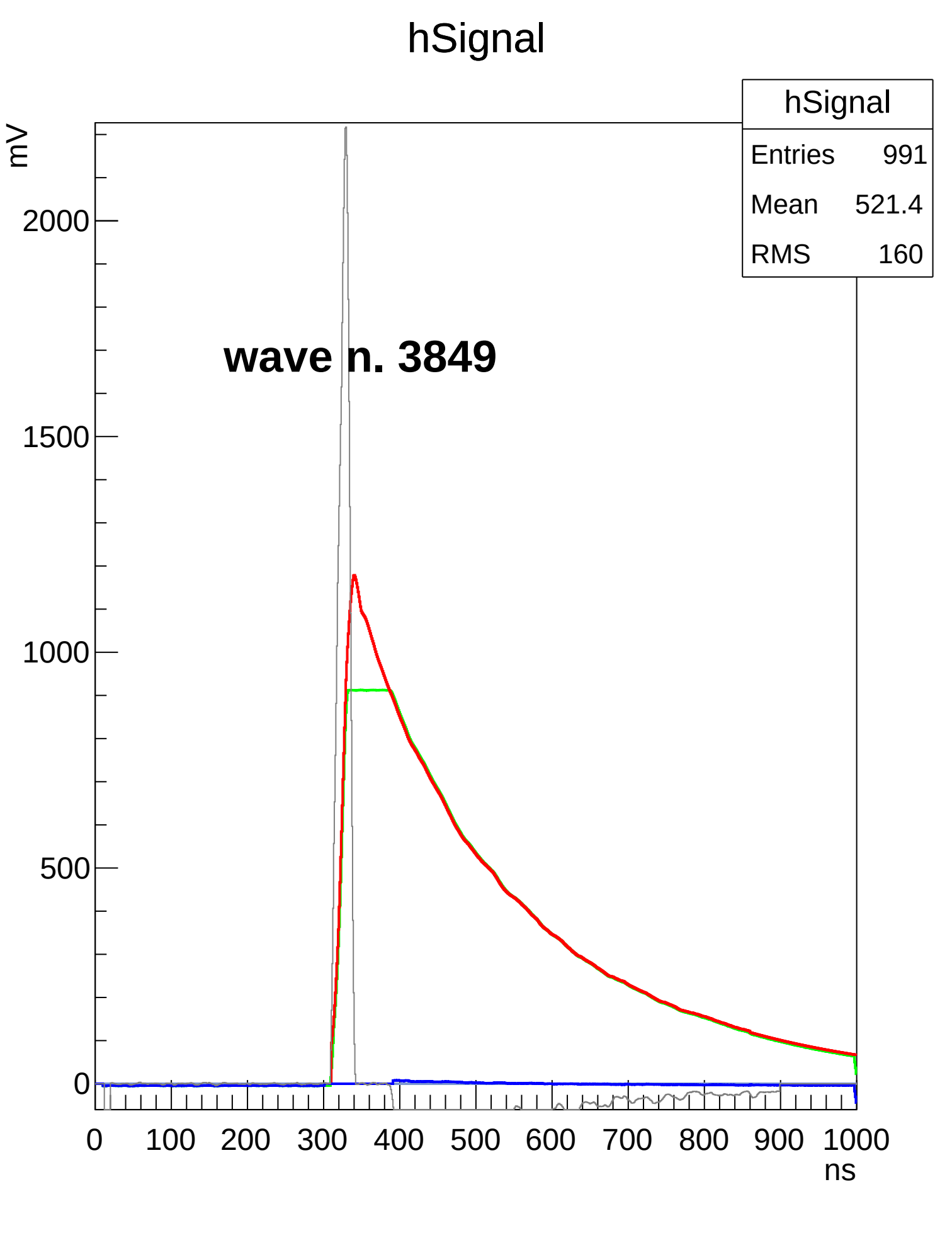
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Entries 991
Mean 521.4
RMS 160
wave n. 3849
mV
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1500
1000
500
0
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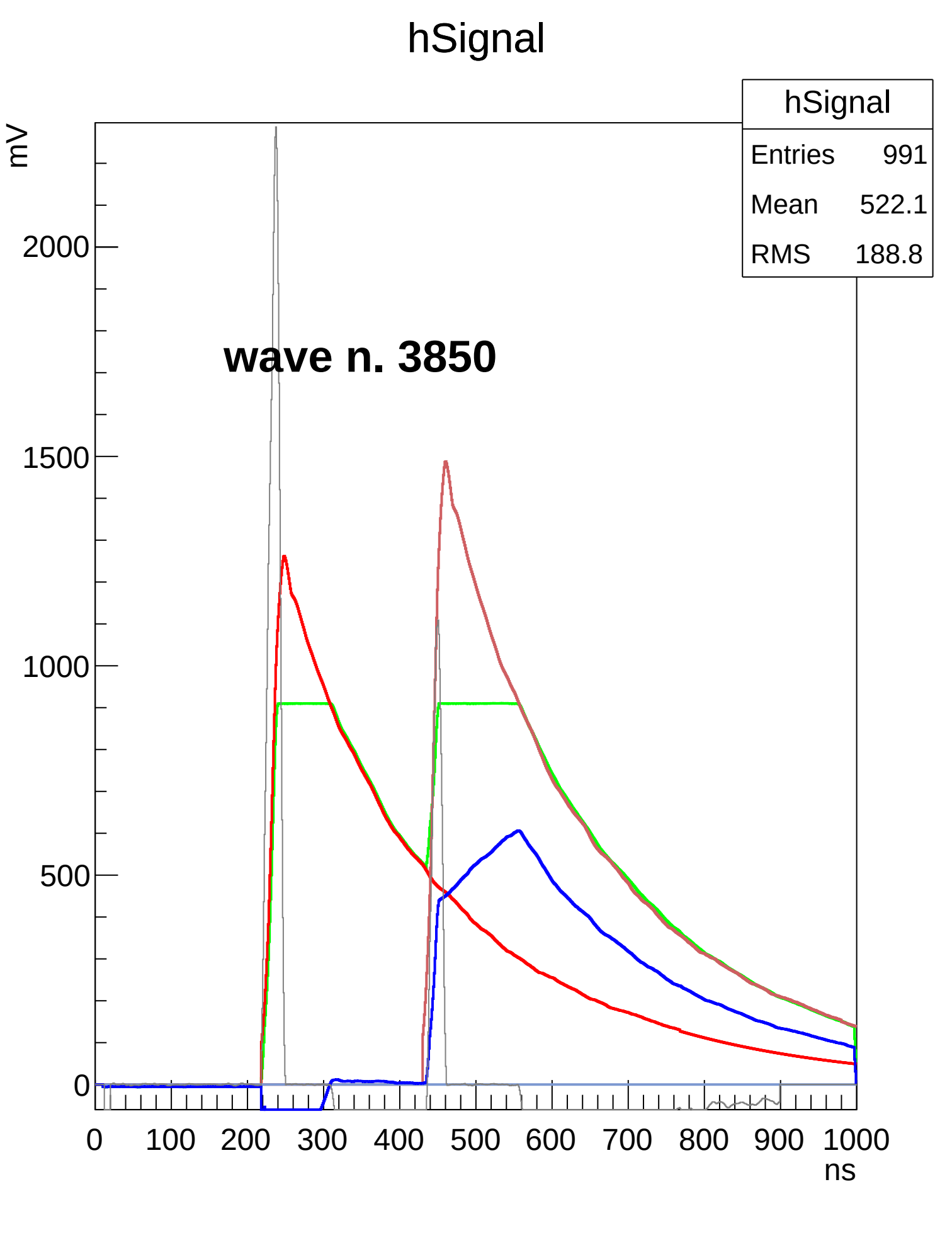
ns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Entries 991
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RMS 188.8
wave n. 3850
mV
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1500
1000
500
0
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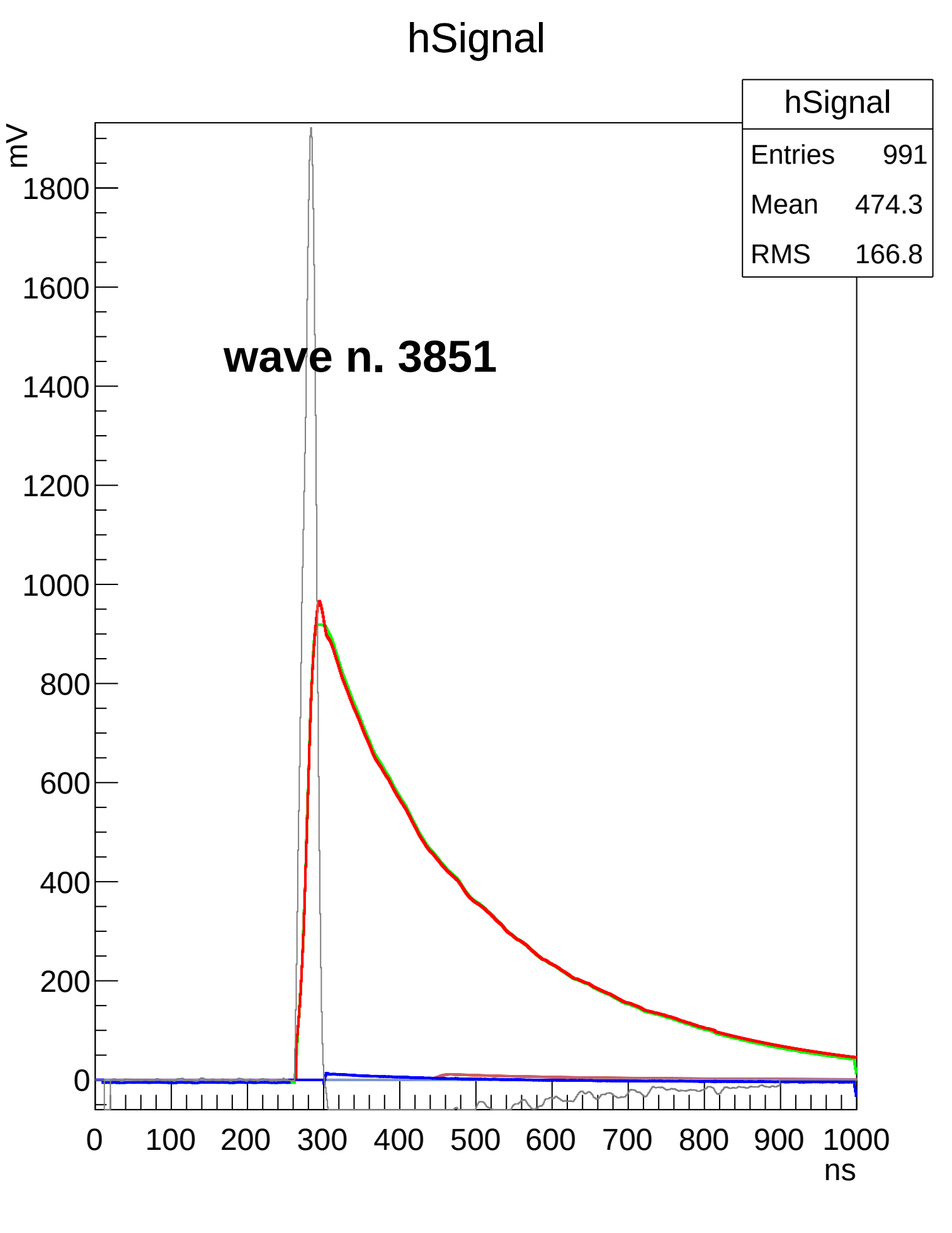
ns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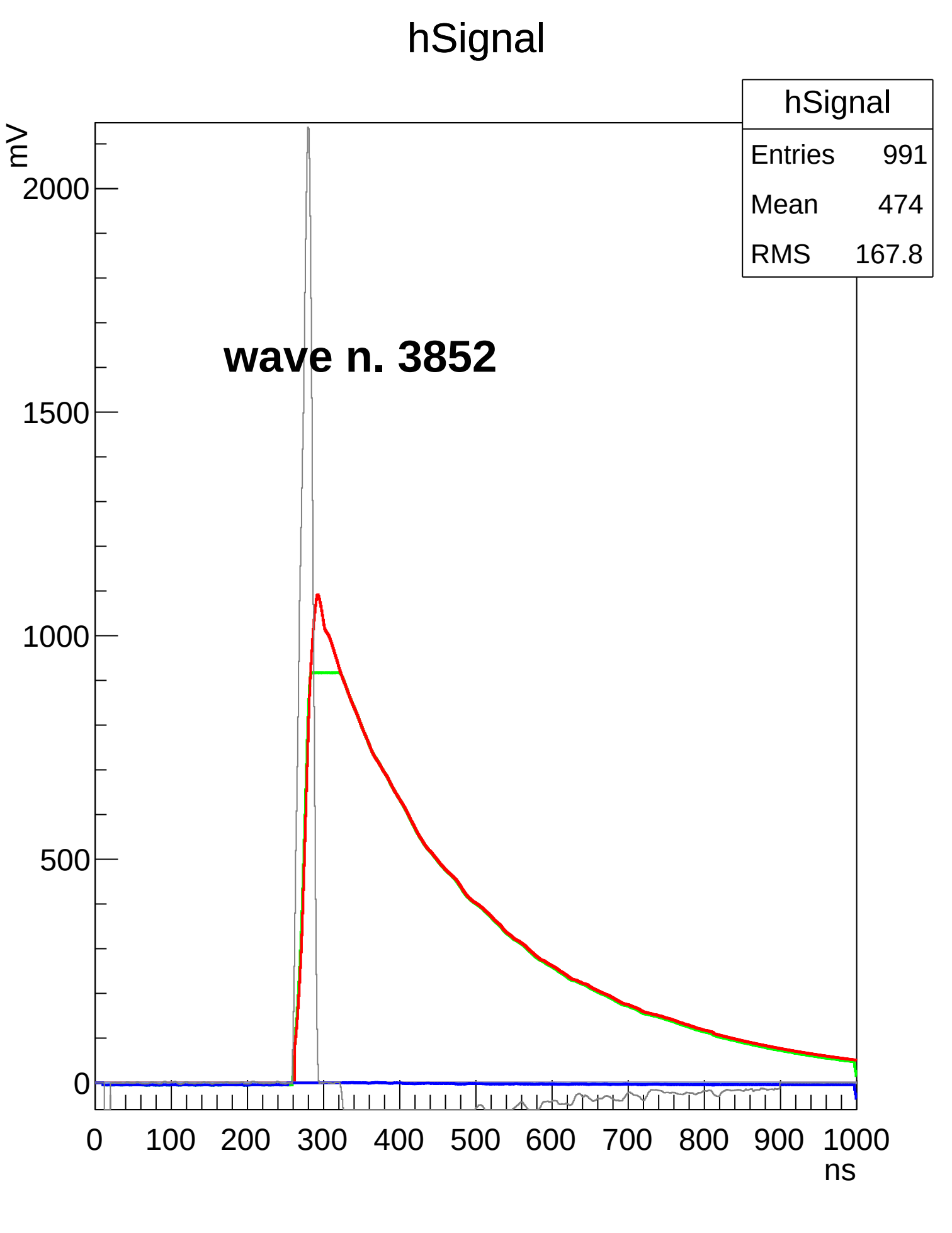
hSignal
Entries 991
Mean 474.3
RMS 166.8
wave n. 3851
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 474
RMS 167.8
wave n. 3852
mV
2000
1500
1000
500
0
0
100
200
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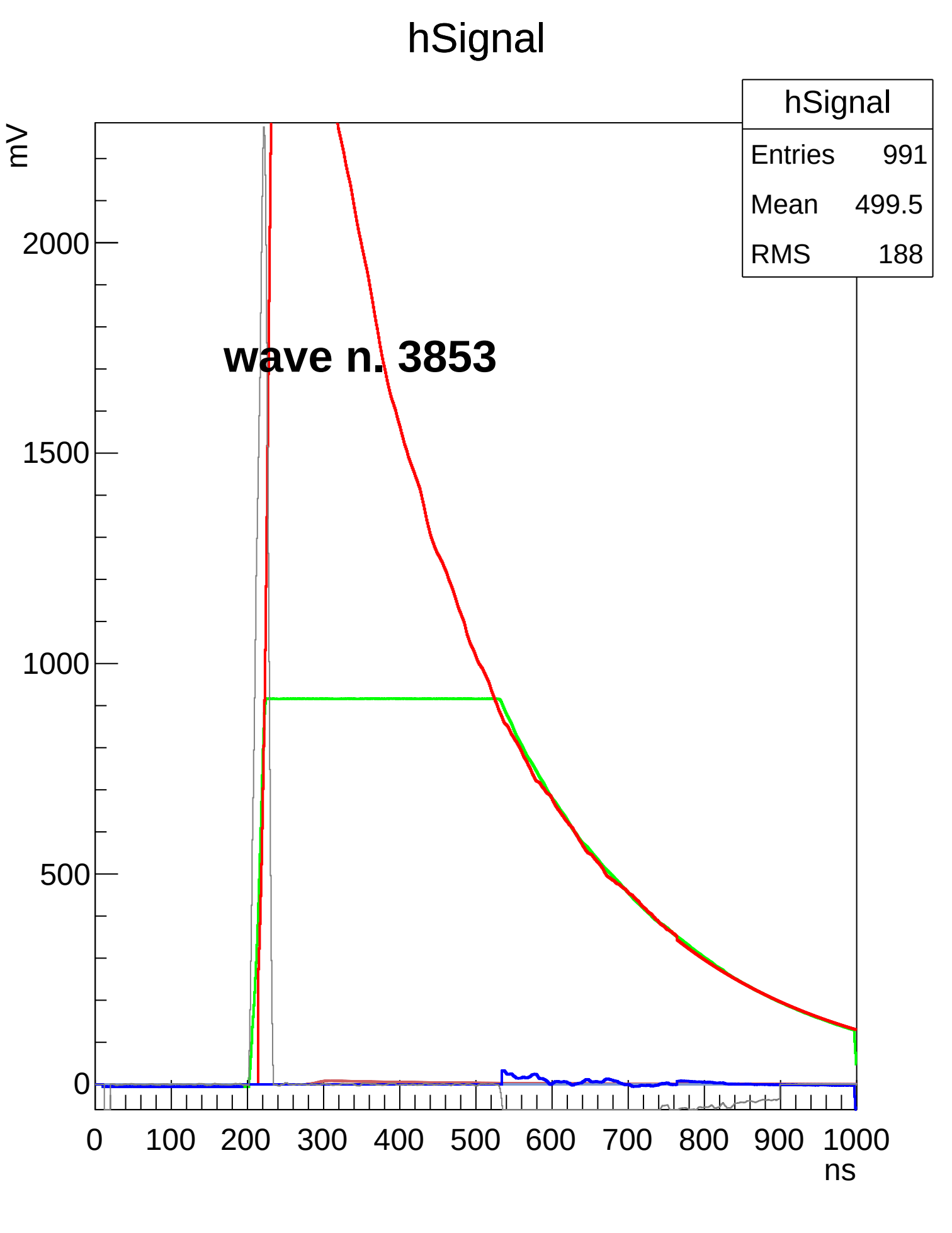
800
900
1000
ns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hSignal
Entries 991
Mean 499.5
RMS 188
wave n. 3853
mV
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1500
1000
500
0
0
100
200
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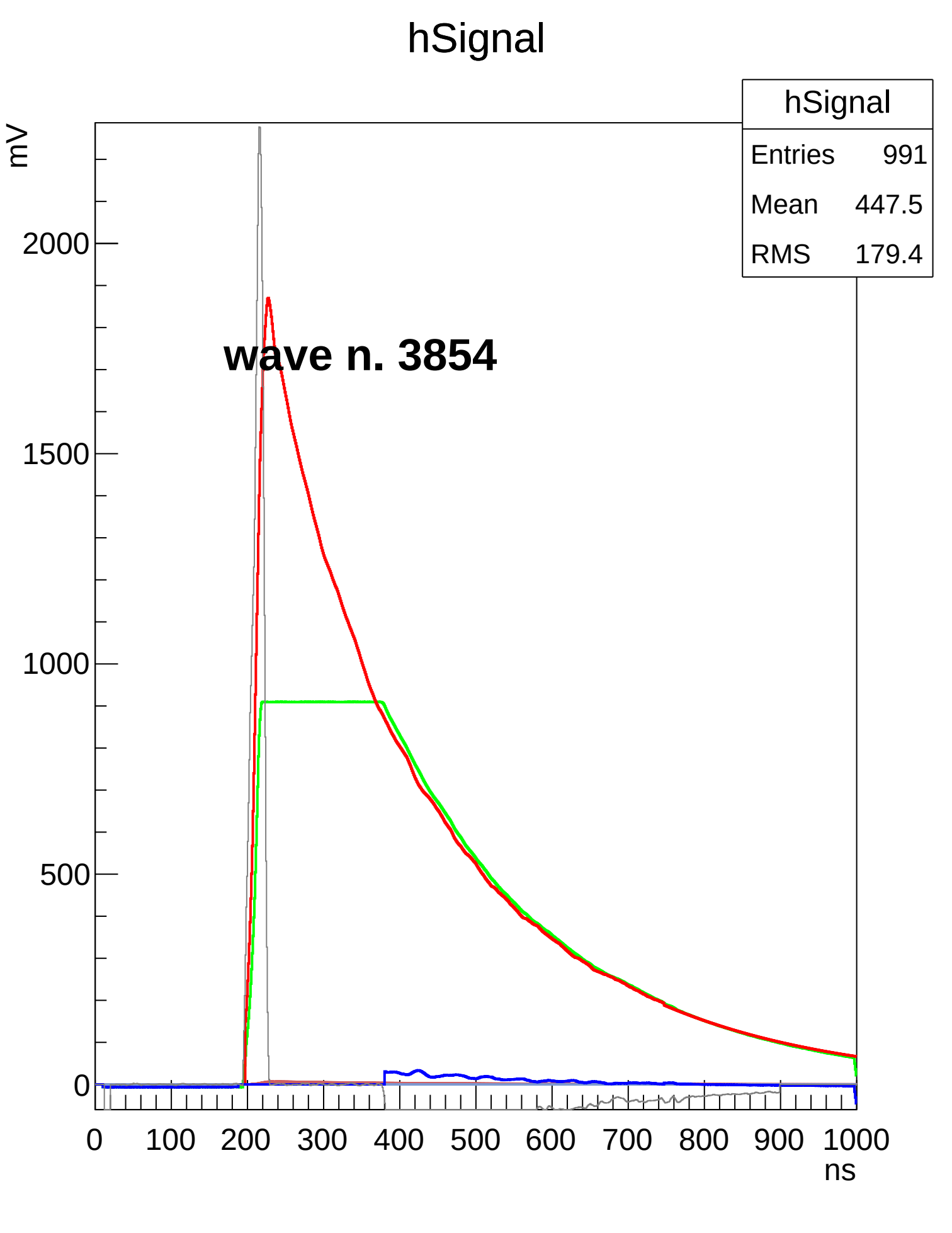
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 447.5
RMS 179.4
wave n. 3854
mV
2000
1500
1000
500
0
0
100
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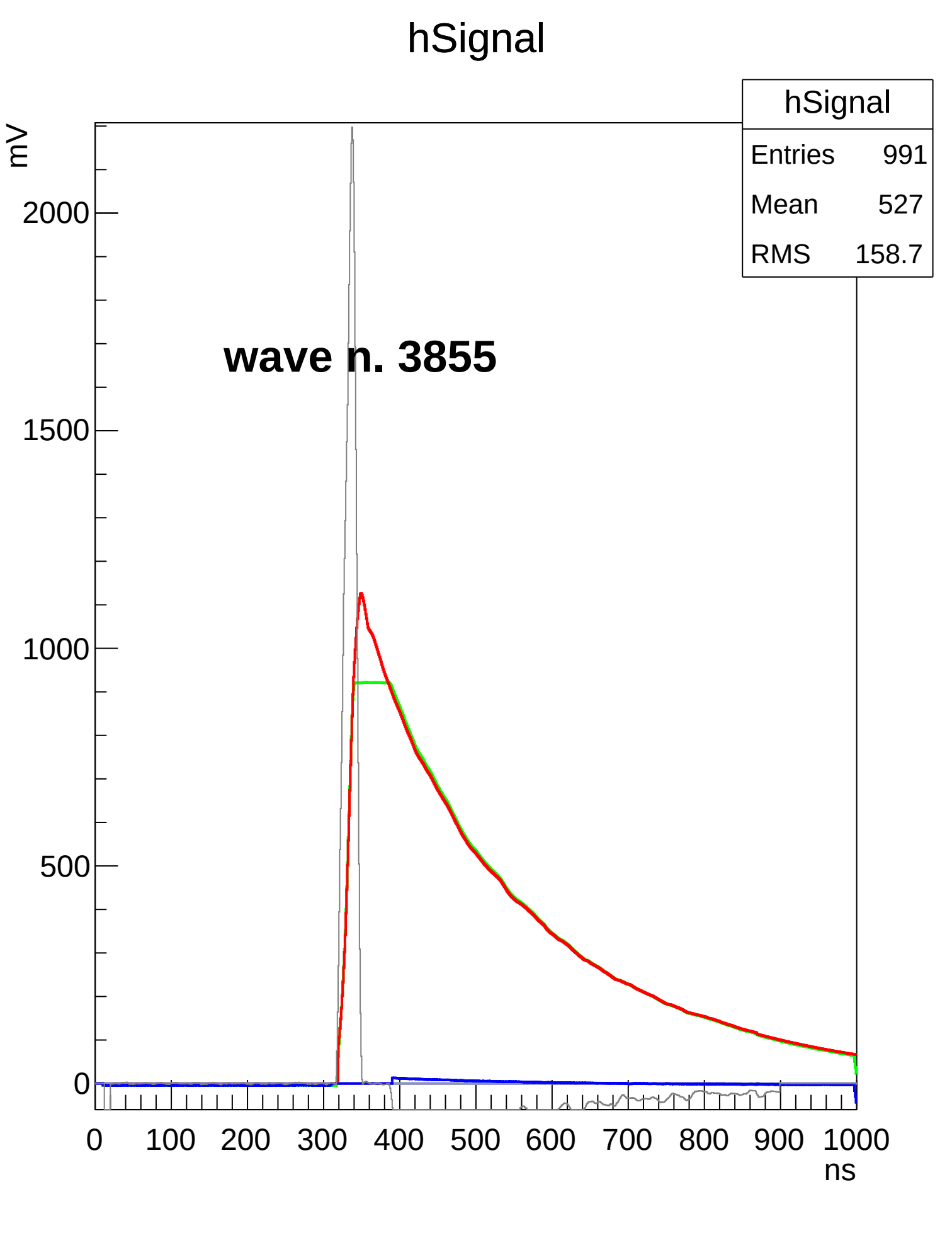
800
900
1000
ns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Entries 991
Mean 527
RMS 158.7
wave n. 3855
mV
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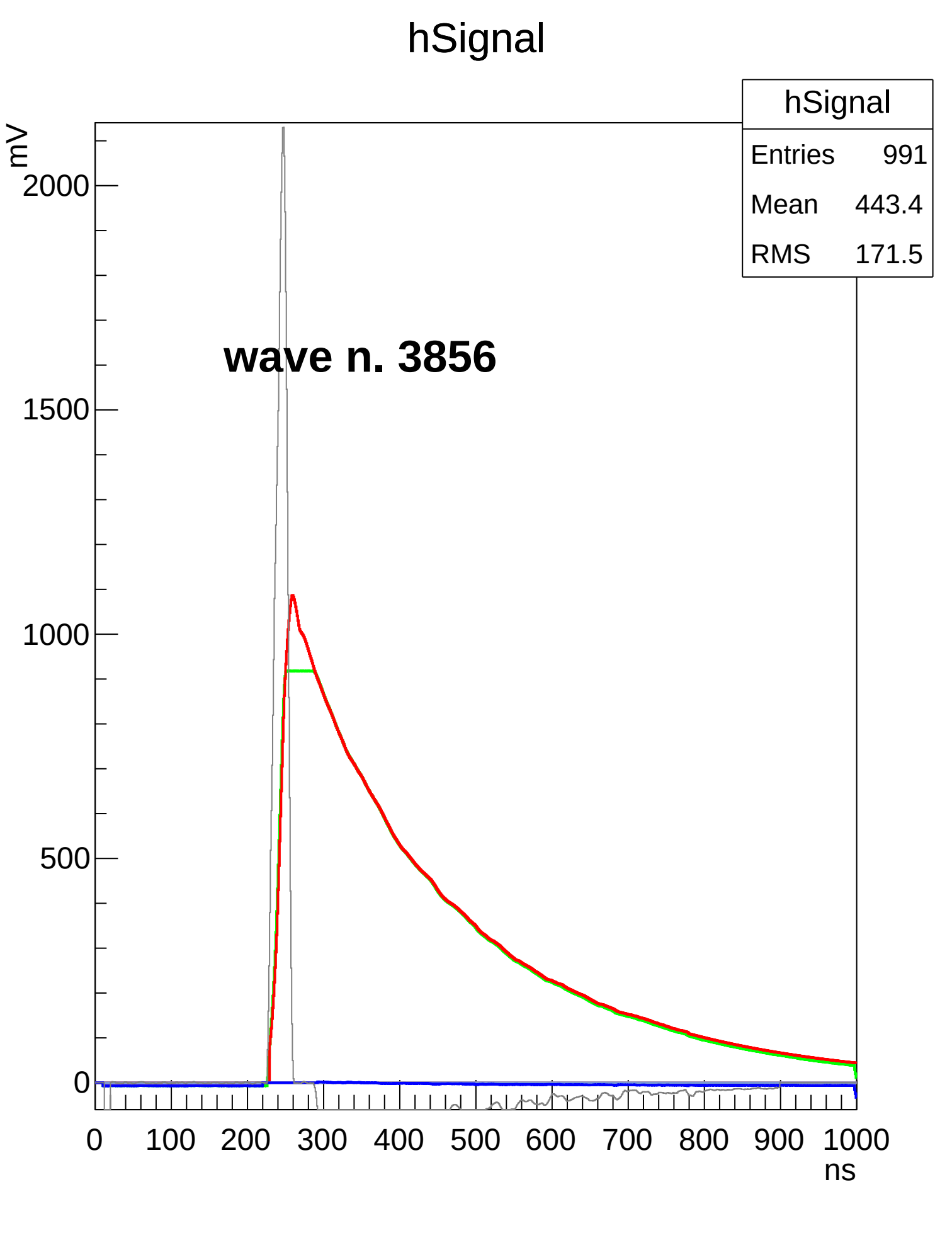
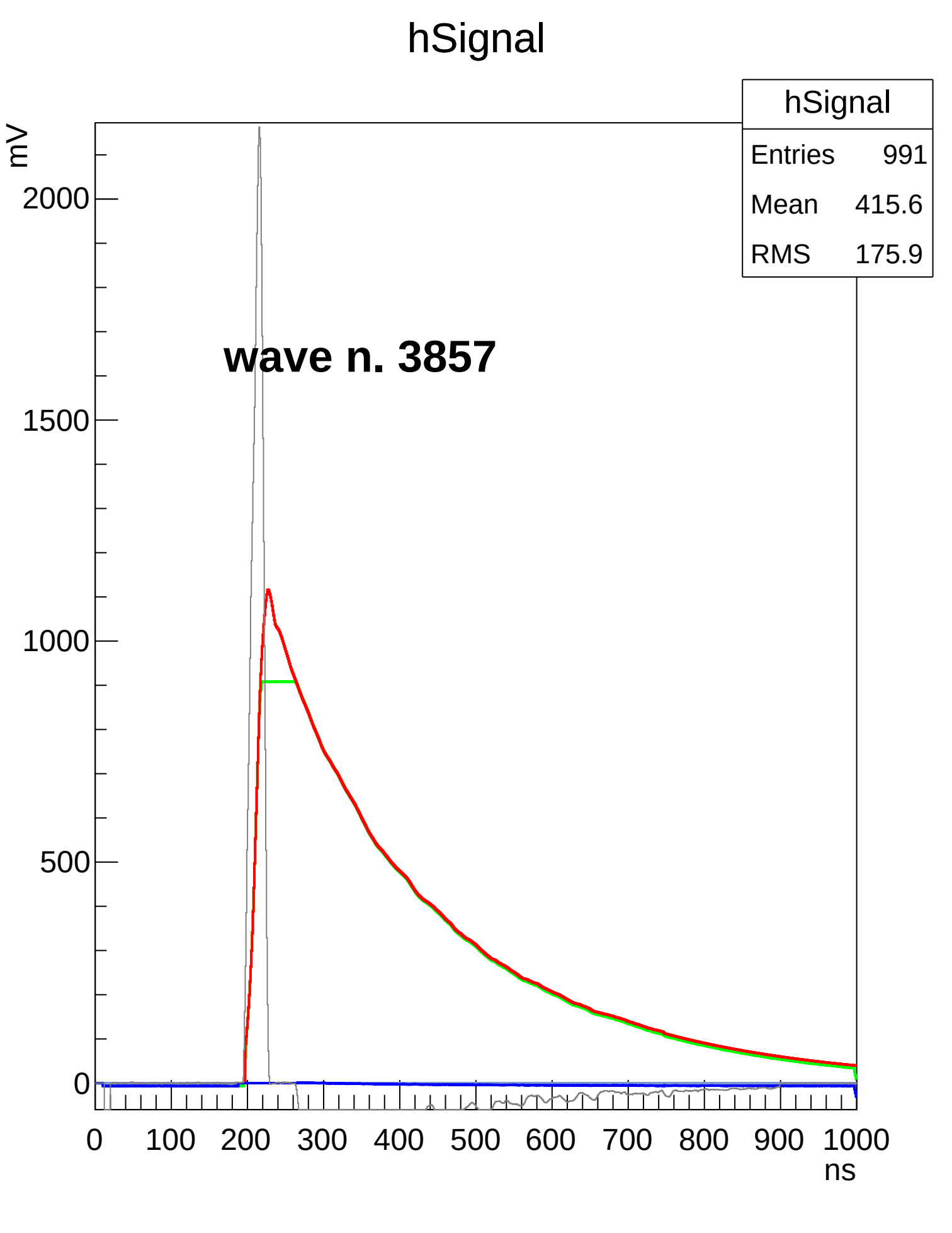
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 443.4
RMS 171.5
wave n. 3856
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 415.6
RMS 175.9
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1000
500
0
0
100
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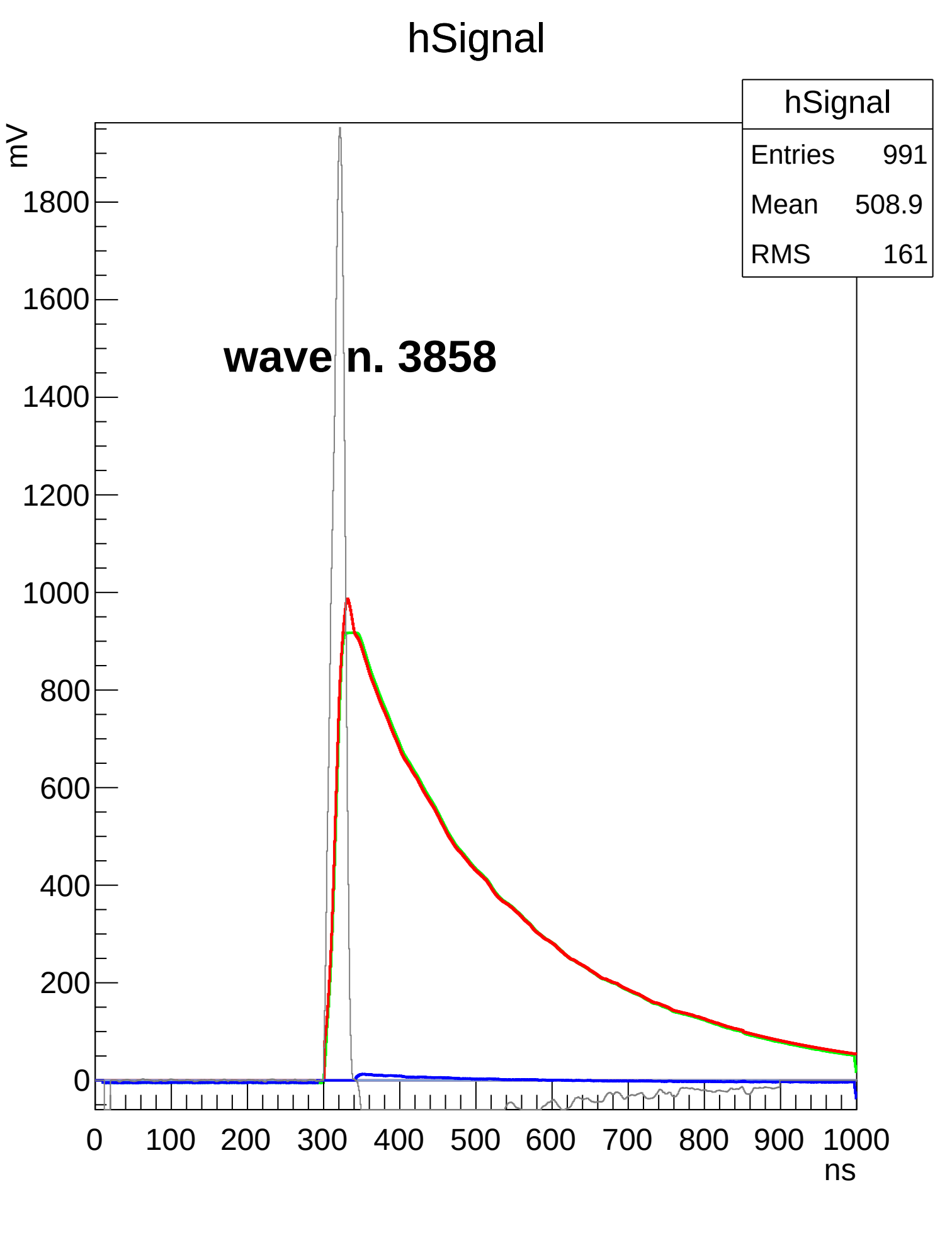
800
900
1000
ns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hSignal
Entries 991
Mean 508.9
RMS 161
wave n. 3858
mV
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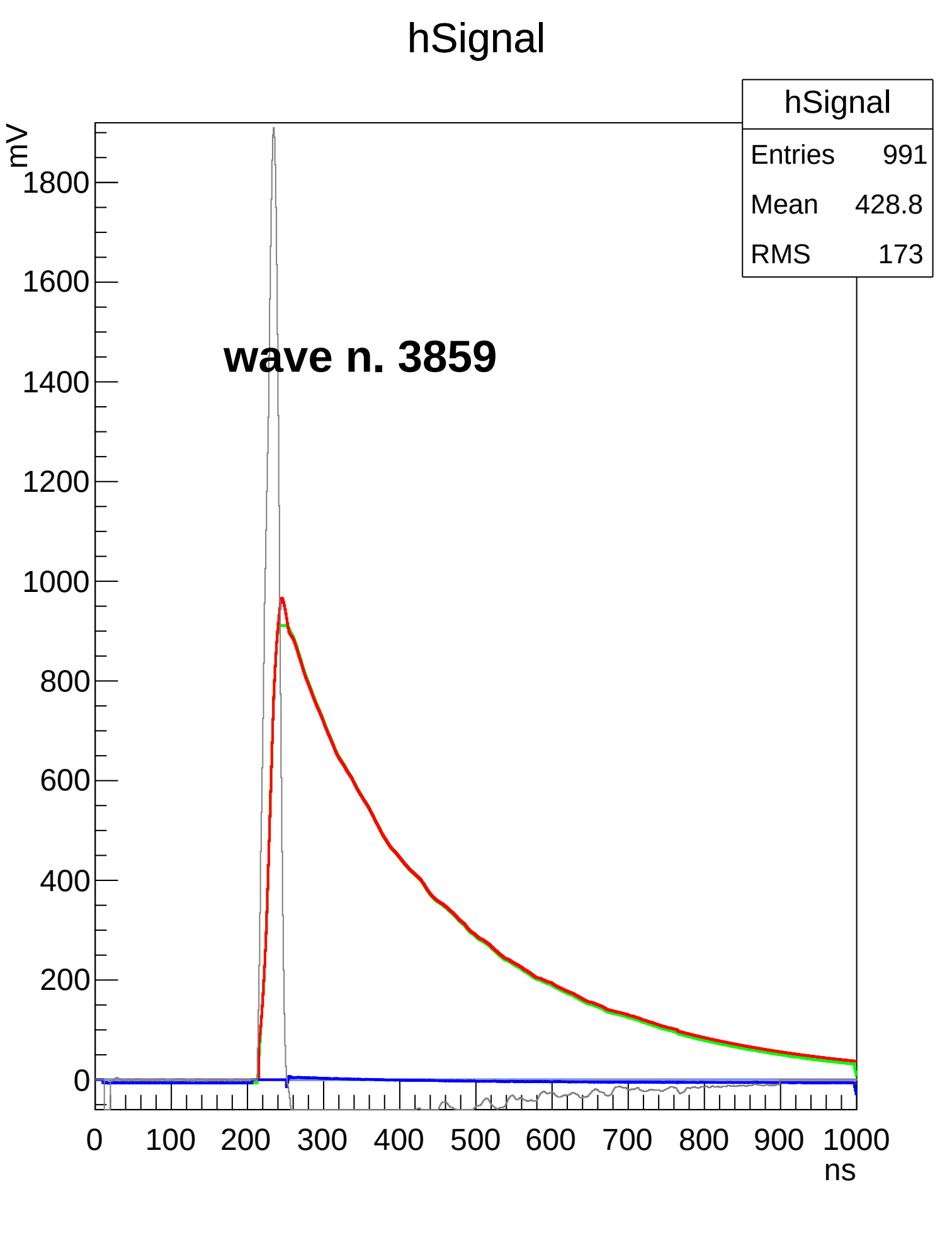
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 428.8
RMS 173
wave n. 3859
mV
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1600
1400
1200
1000
800
600
400
200
0
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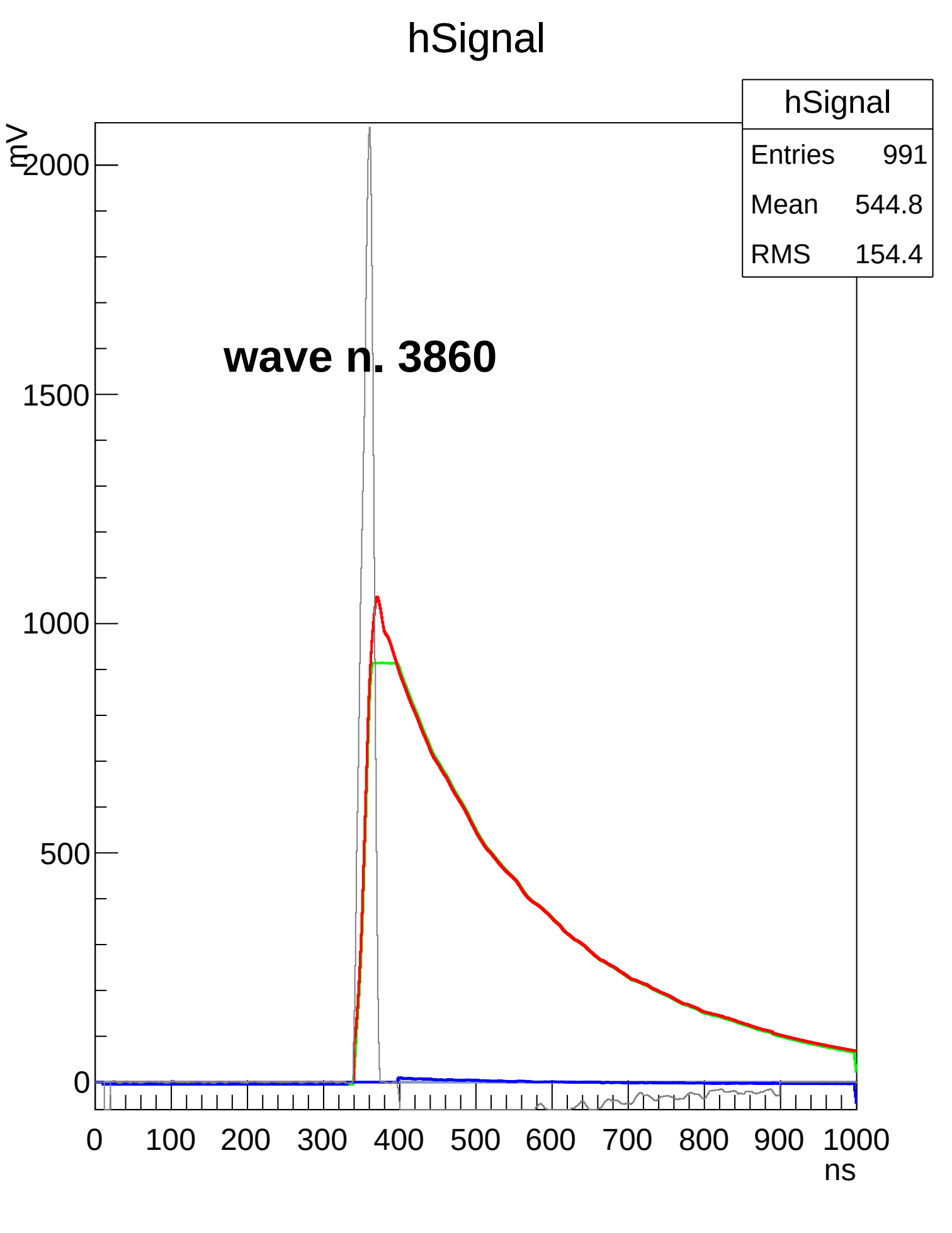
ns


hSignal
hSignal
Entries 991
Mean 544.8
RMS 154.4
wave n. 3860
mV
2000
1500
1000
500
0
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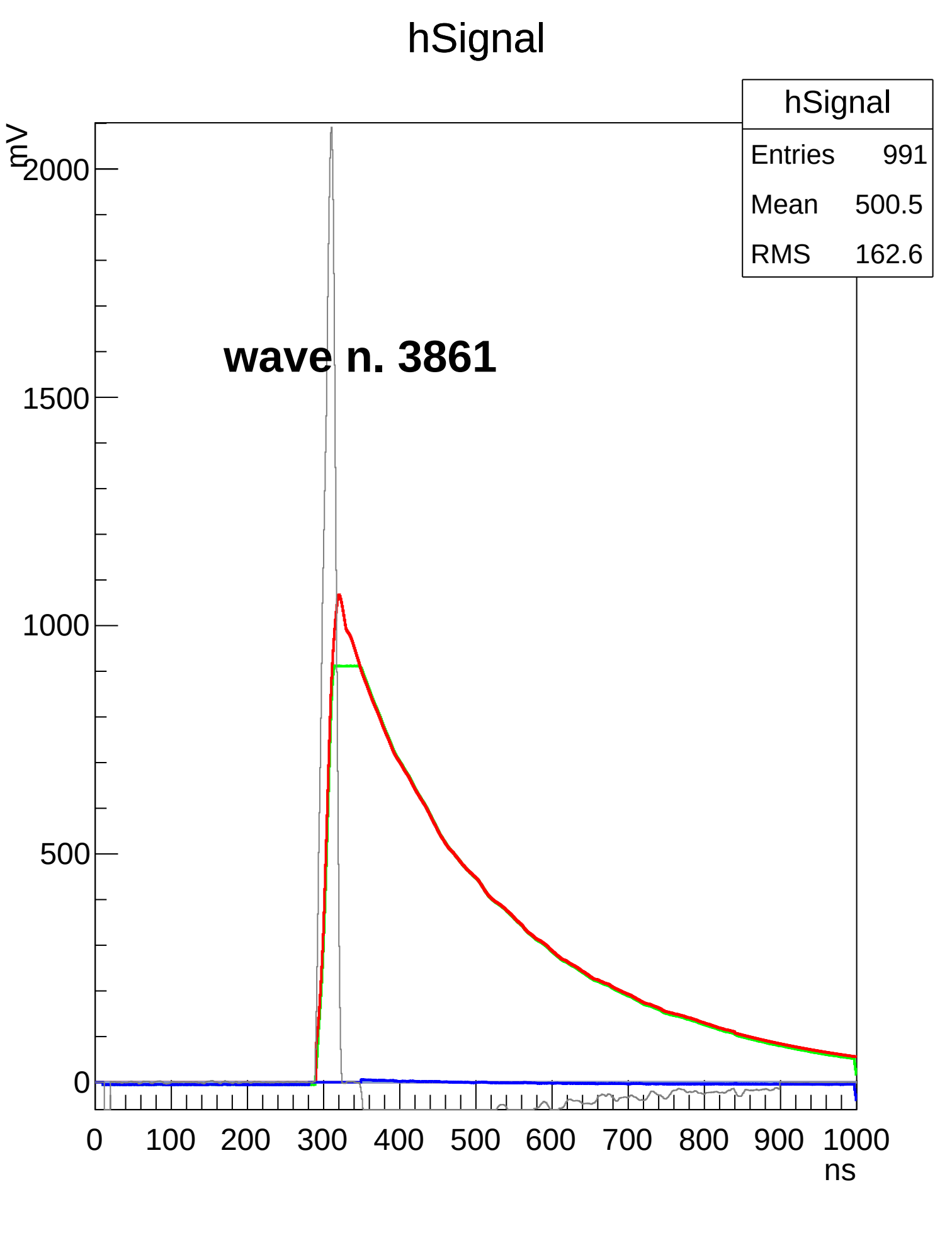
ns


hSignal
hSignal
Entries 991
Mean 500.5
RMS 162.6
wave n. 3861
mV
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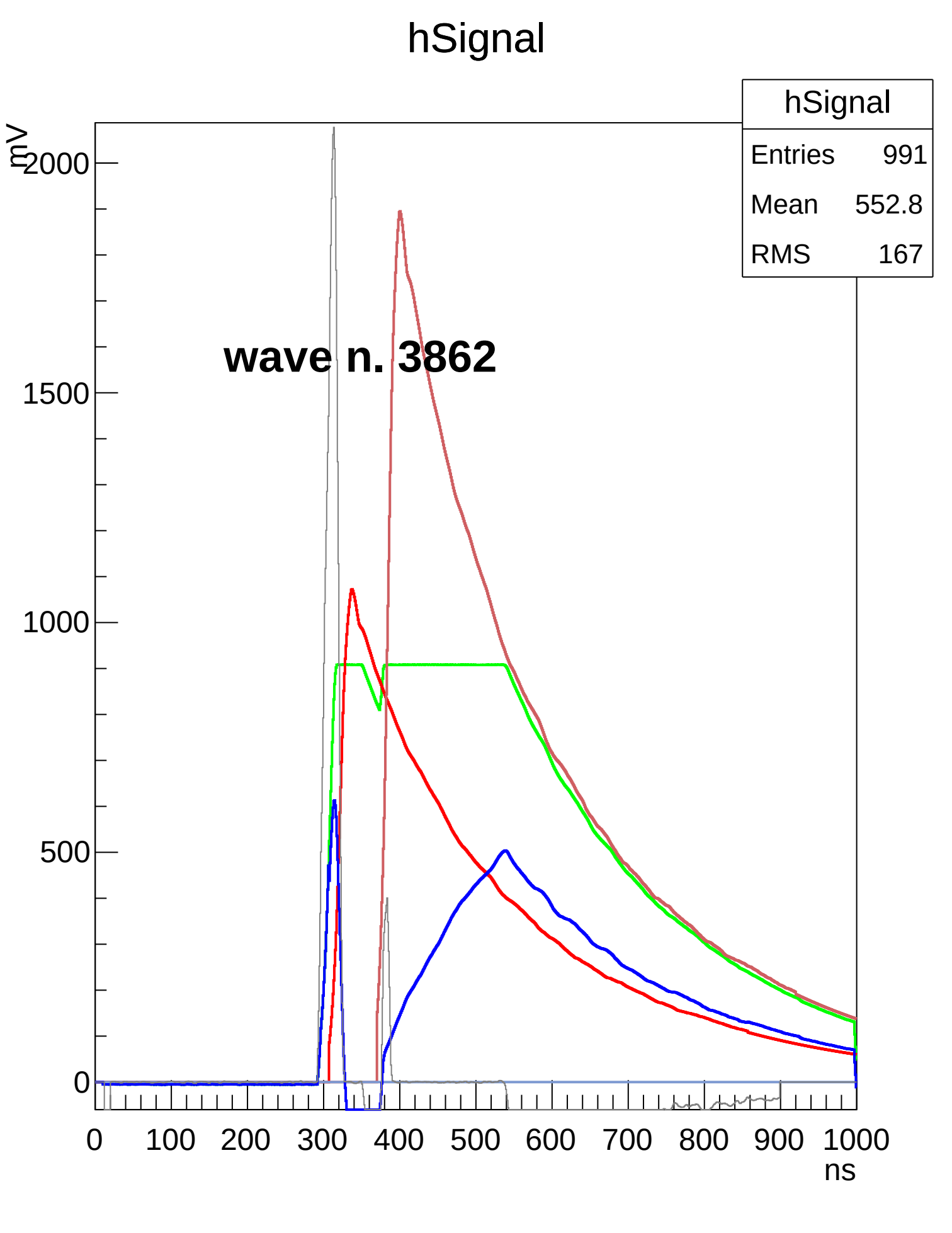
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.8
RMS 167
wave n. 3862
mV
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1500
1000
500
0
0
100
200
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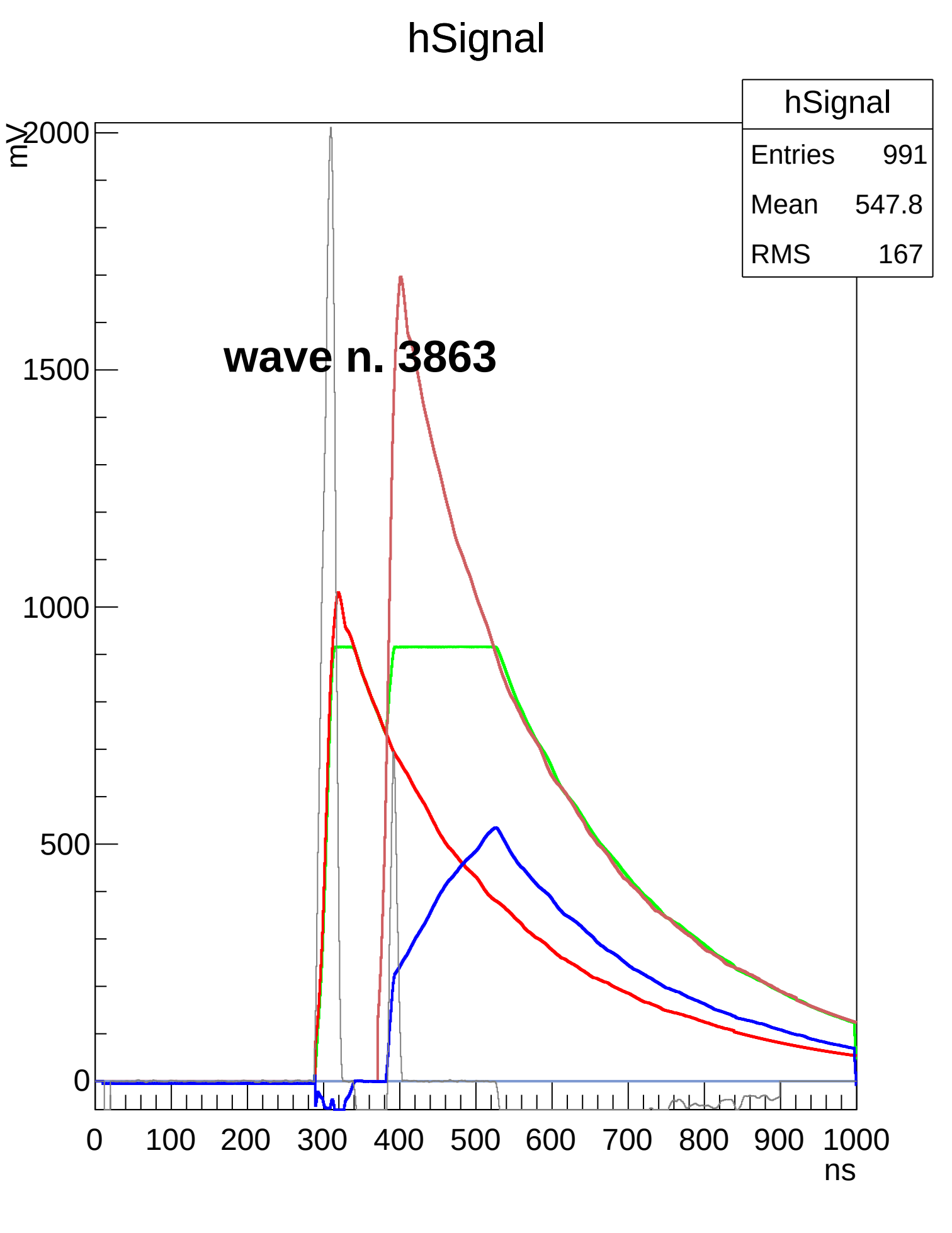
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 547.8
RMS 167
wave n. 3863
mV
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1500
1000
500
0
0
100
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400
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600
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800
900
1000
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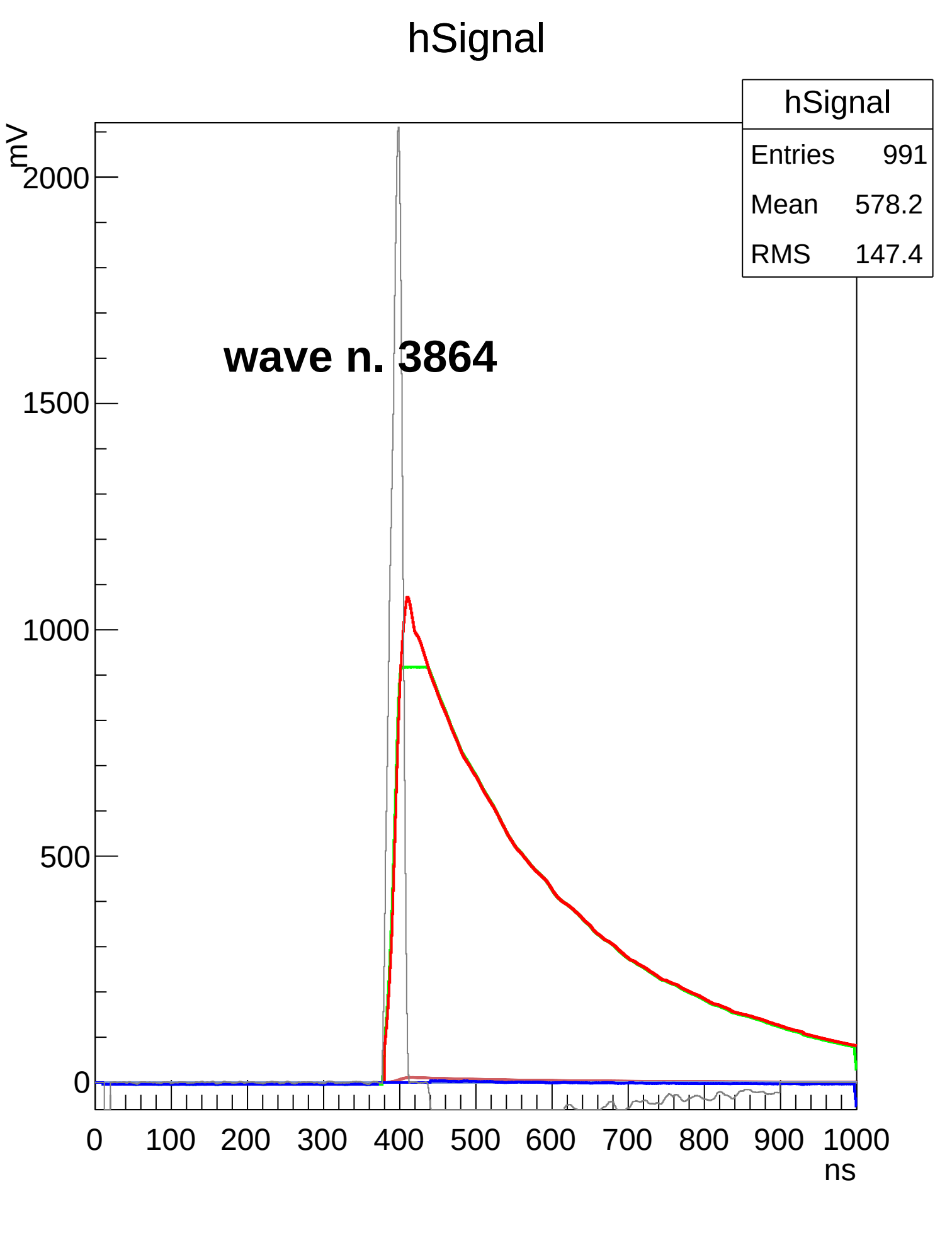
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hSignal
Entries 991
Mean 578.2
RMS 147.4
wave n. 3864
mV
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1000
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0
100
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400
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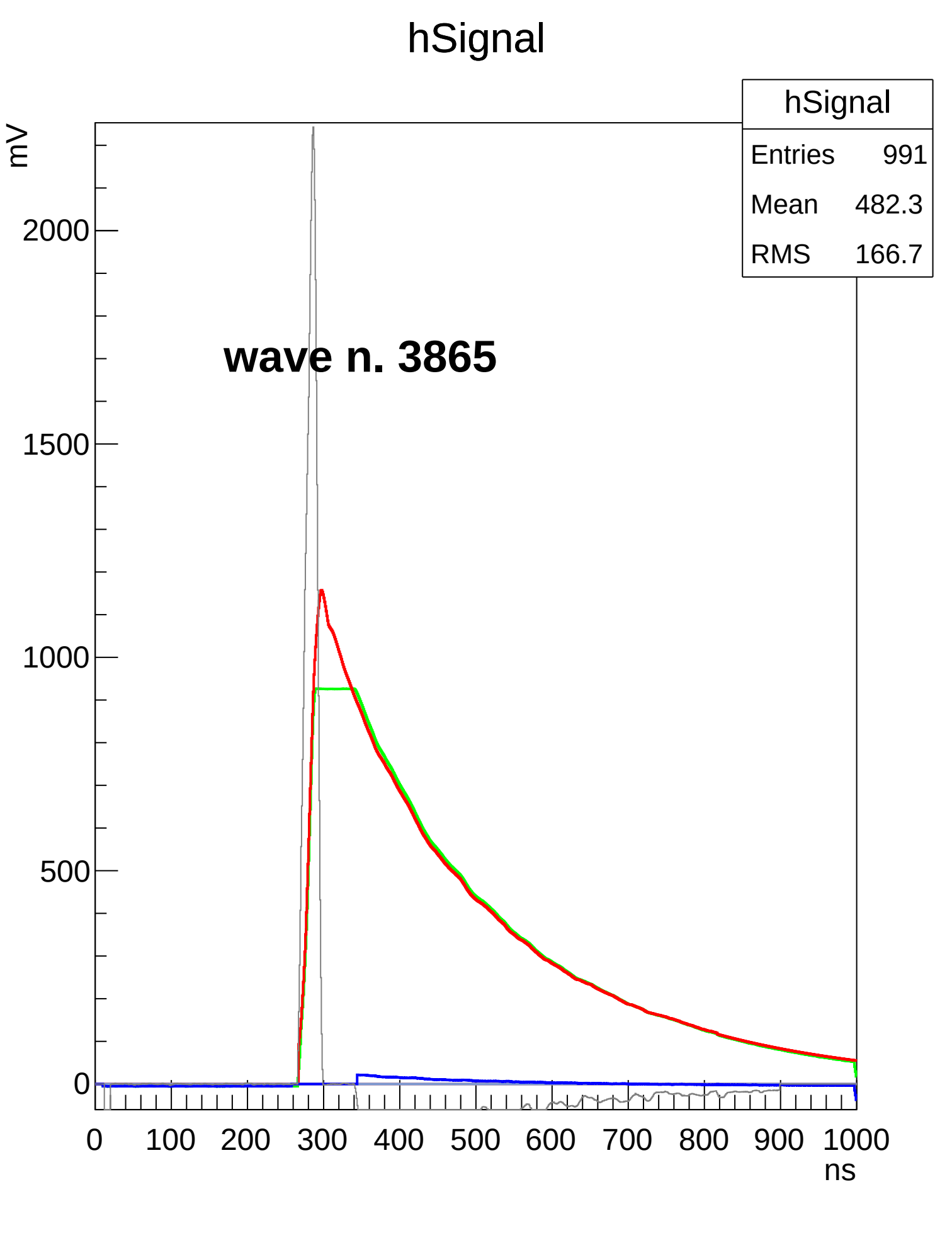
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 482.3
RMS 166.7
wave n. 3865
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1500
1000
500
0
0
100
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400
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800
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1000
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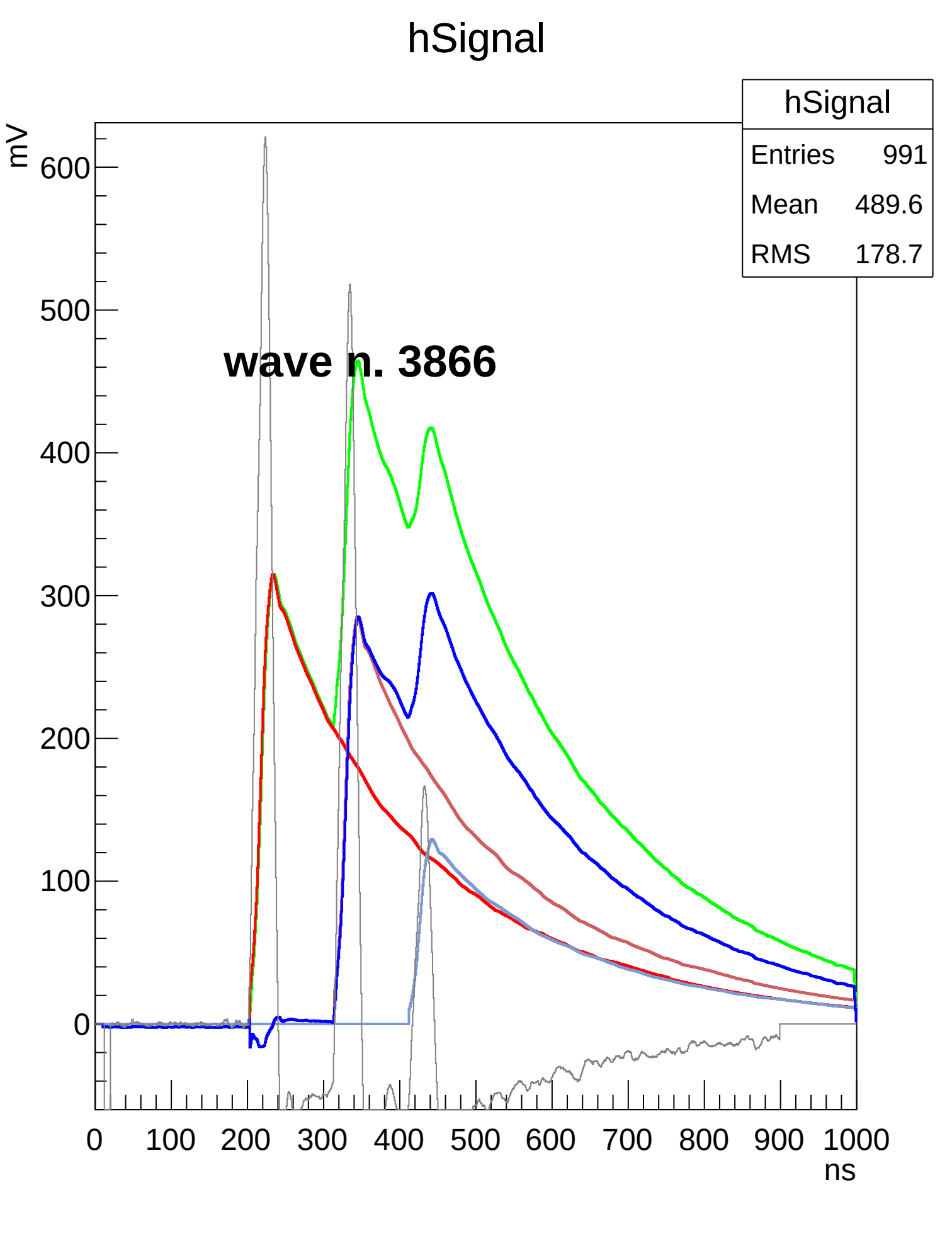
hSignal
hSignal
Entries 991
Mean 489.6
RMS 178.7
wave n. 3866
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400
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1000
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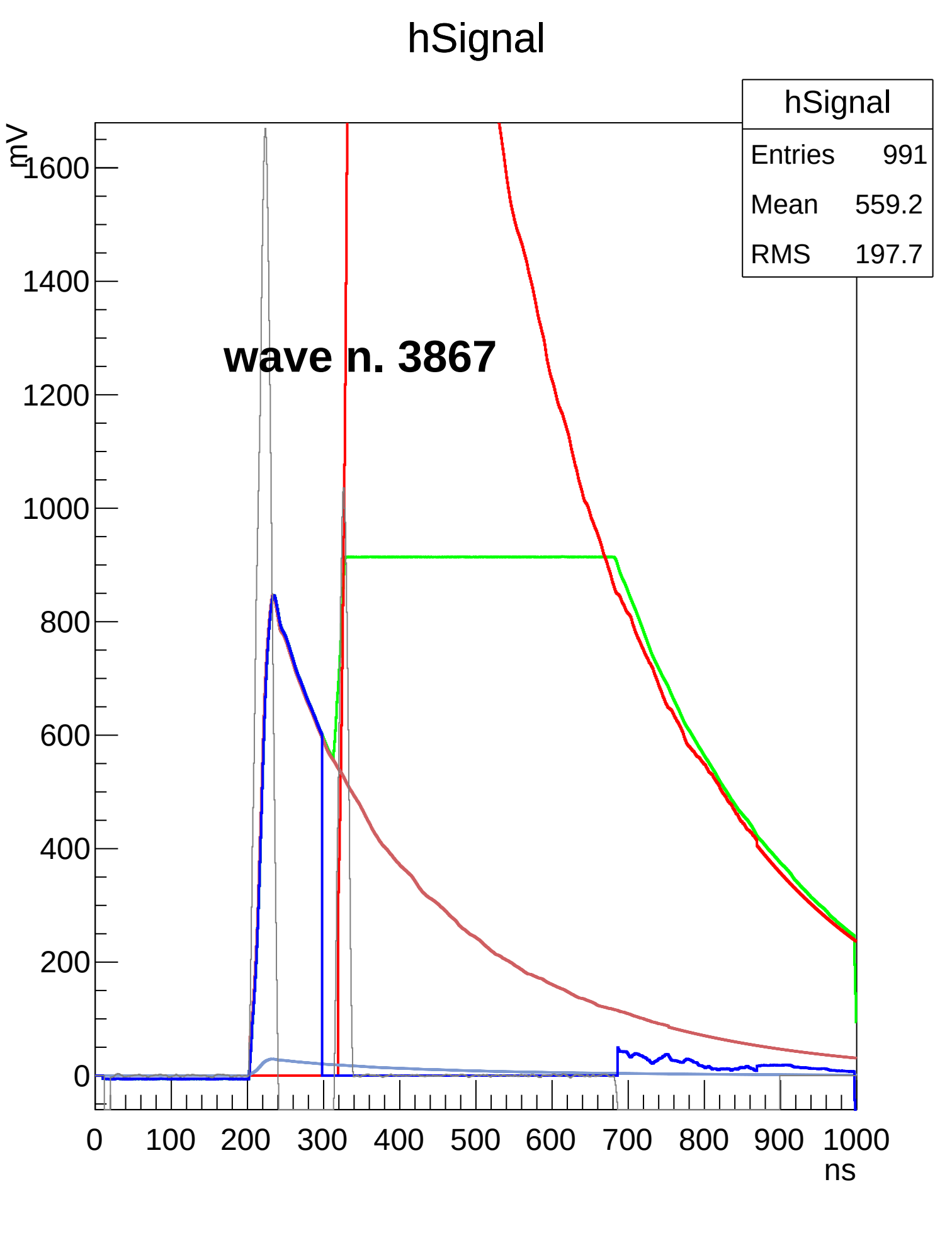
hSignal
hSignal
Entries 991
Mean 559.2
RMS 197.7
wave n. 3867
mV
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0
100
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400
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1000
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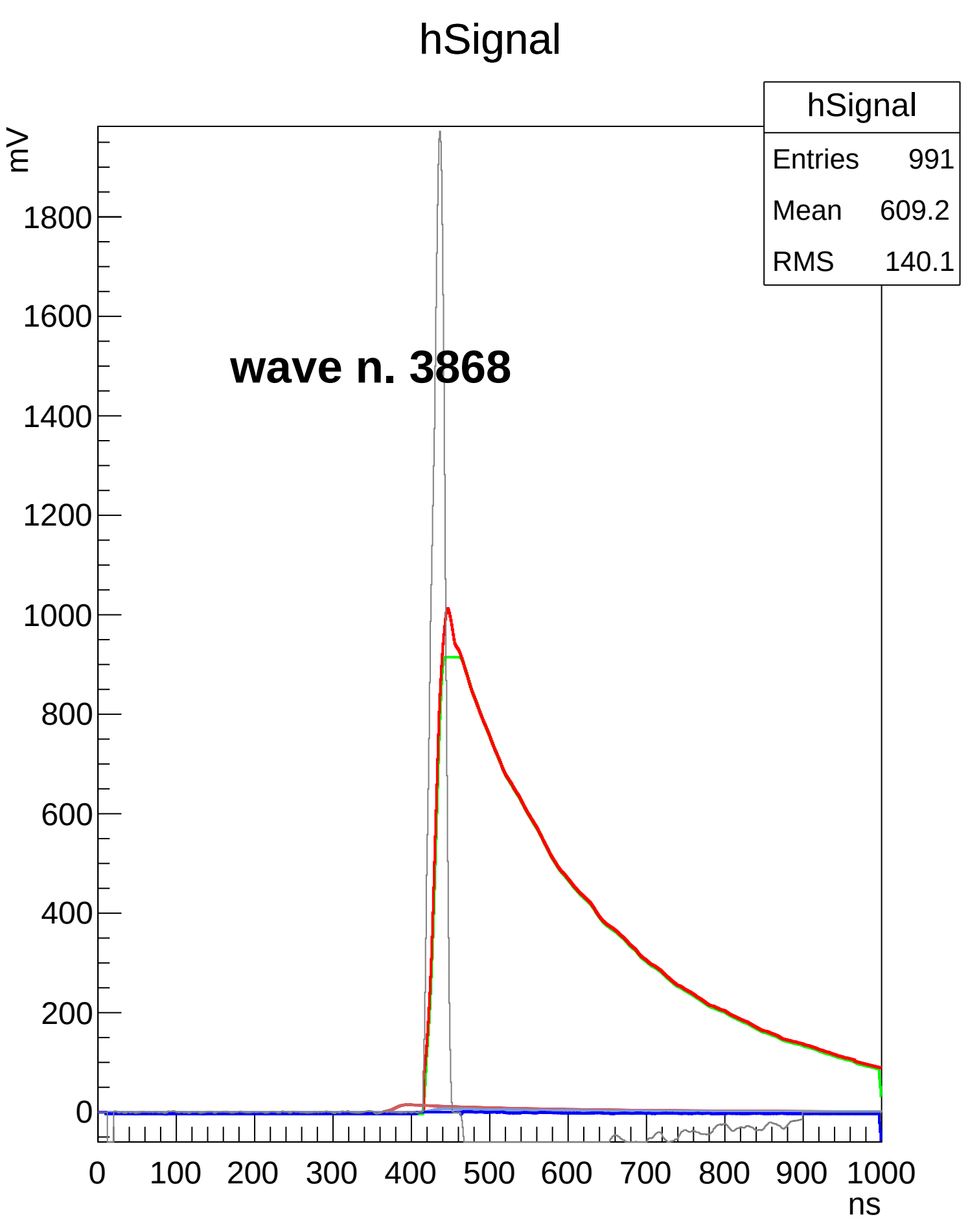
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Entries 991
Mean 609.2
RMS 140.1
wave n. 3868
mV
1800
1600
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600
400
200
0
0
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400
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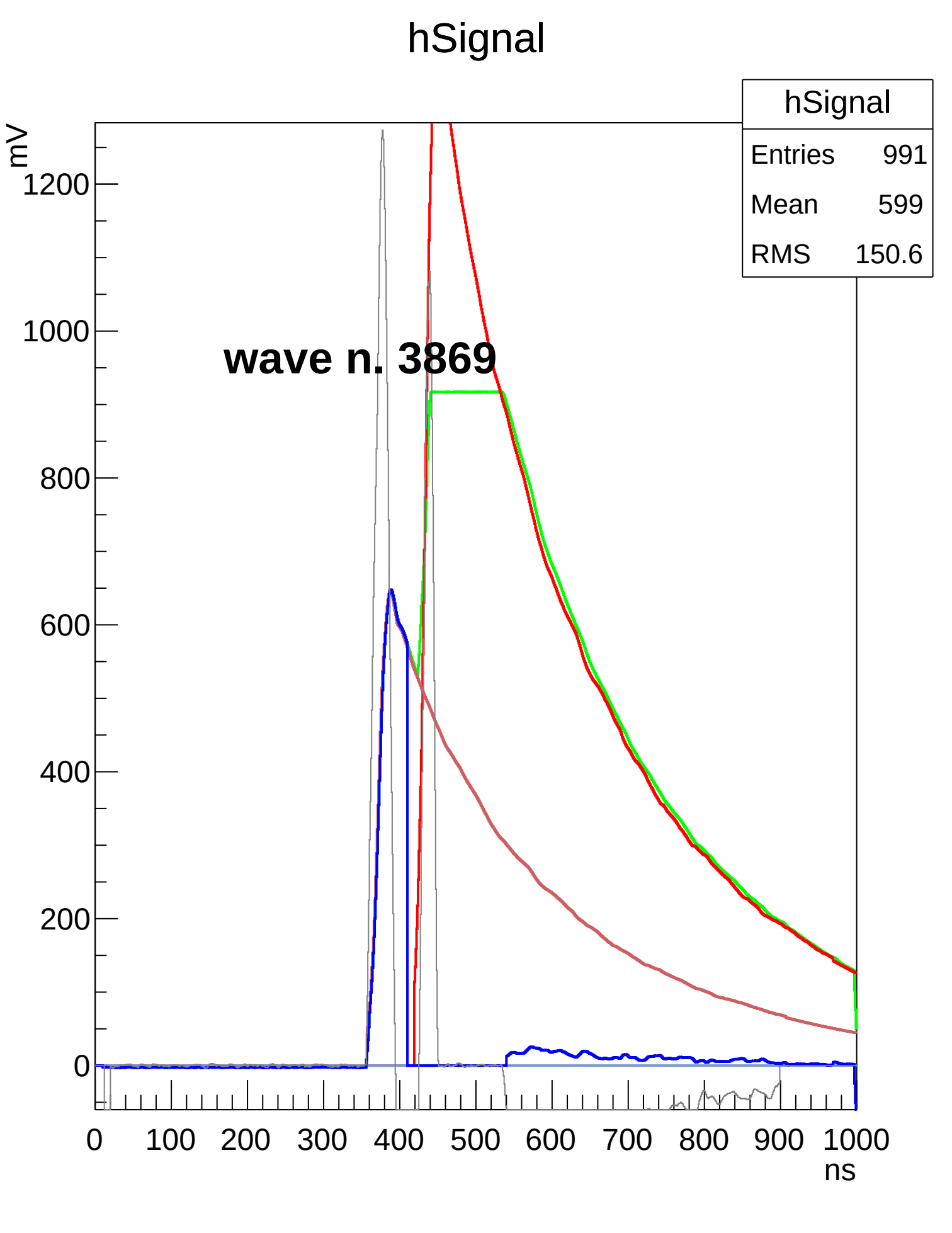
1000
ns


hSignal
hSignal
Entries 991
Mean 599
RMS 150.6
wave n. 3869
mV
1200
1000
800
600
400
200
0
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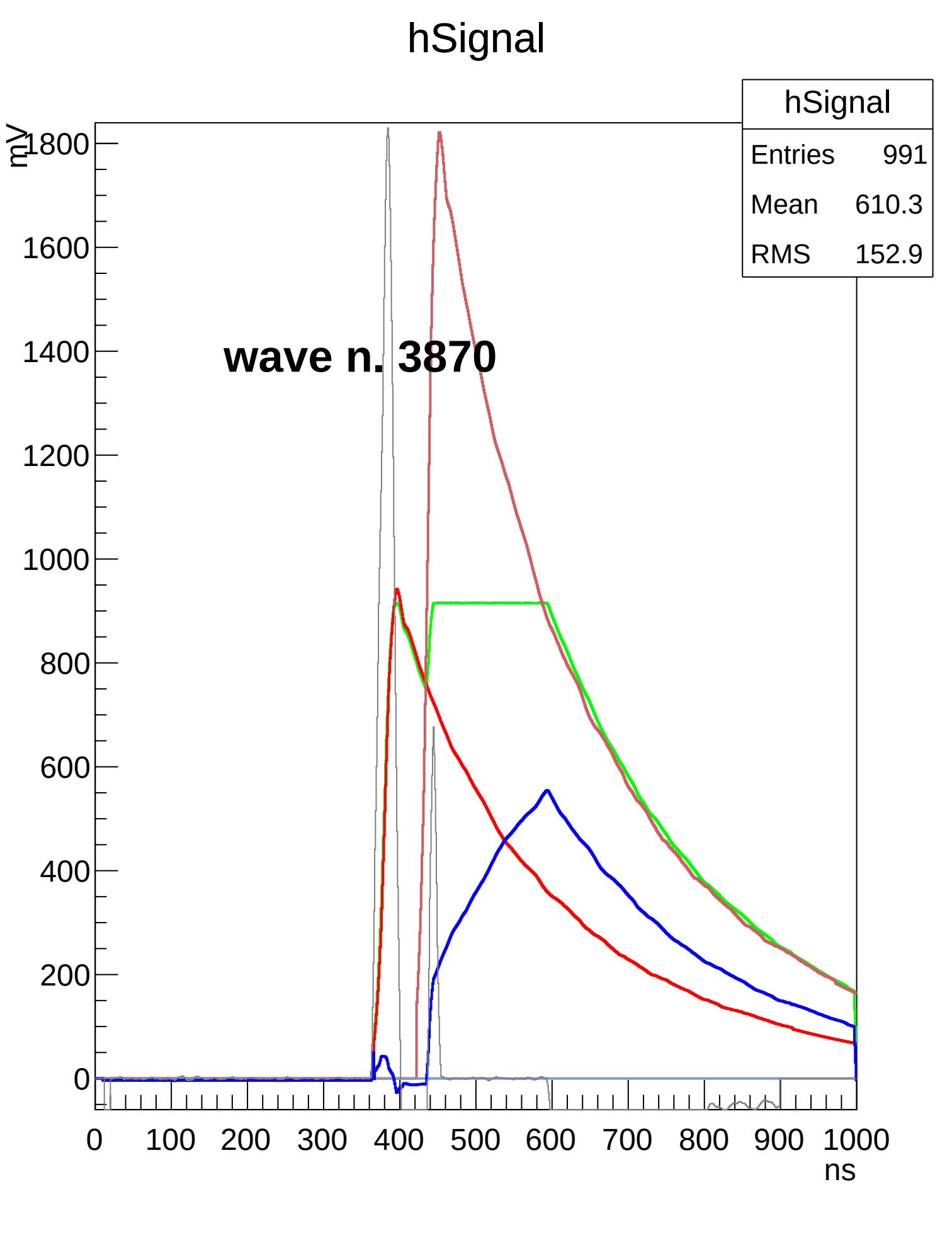
ns


hSignal
hSignal
Entries 991
Mean 610.3
RMS 152.9
wave n. 3870
mV
1800
1600
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200
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100
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1000
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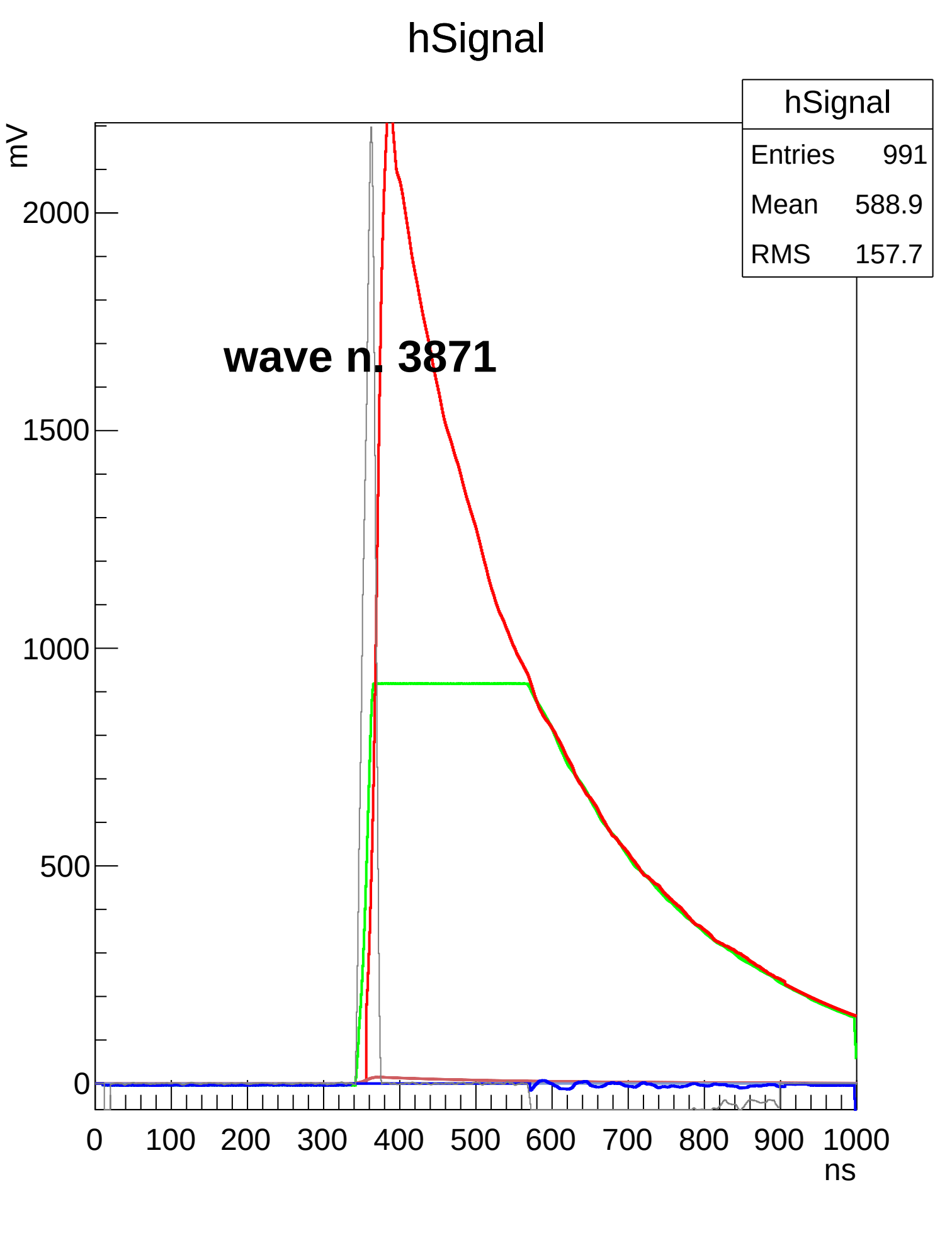
hSignal
hSignal
Entries 991
Mean 588.9
RMS 157.7
wave n. 3871
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1500
1000
500
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0
100
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800
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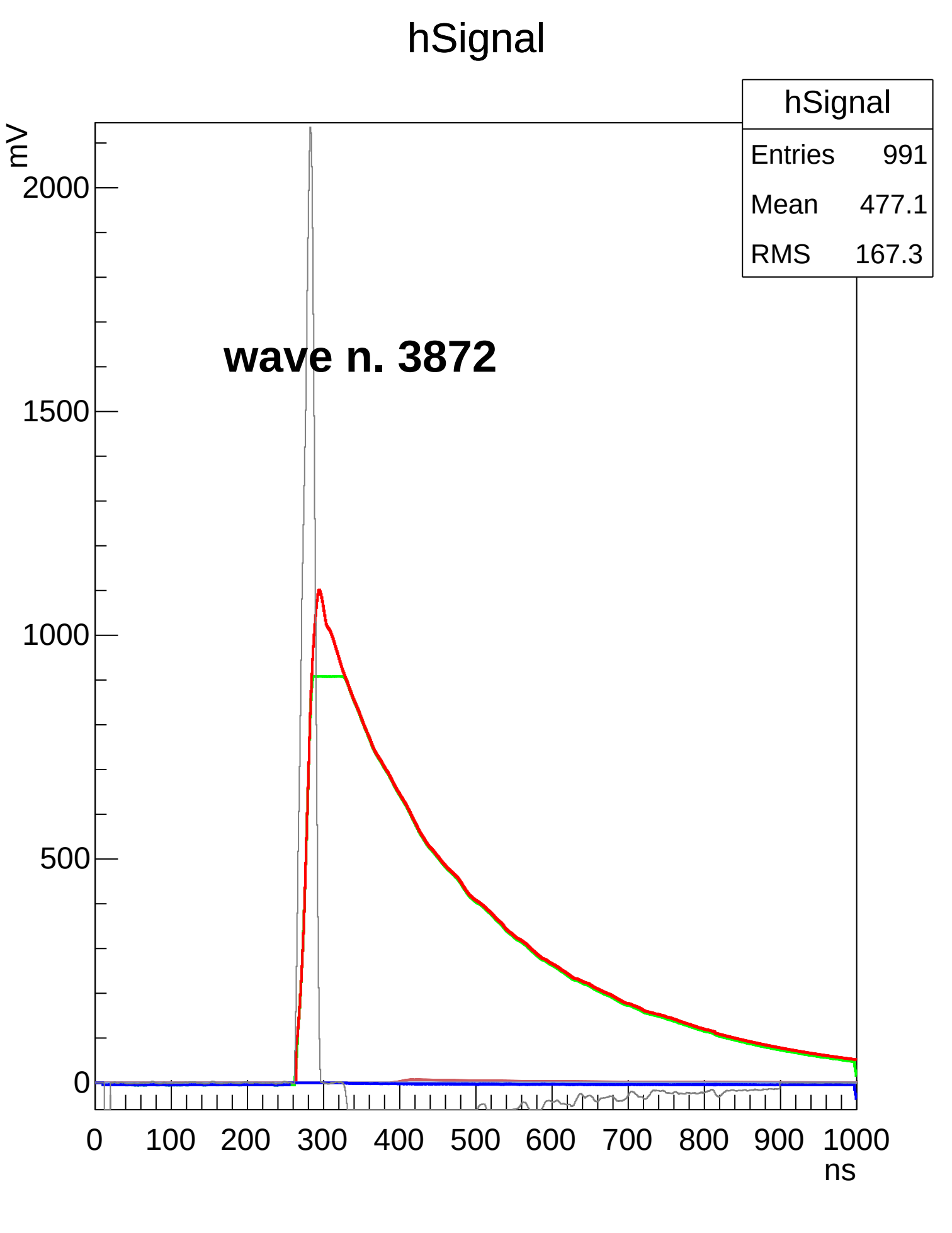
1000
ns


hSignal
hSignal
Entries 991
Mean 477.1
RMS 167.3
wave n. 3872
mV
2000
1500
1000
500
0
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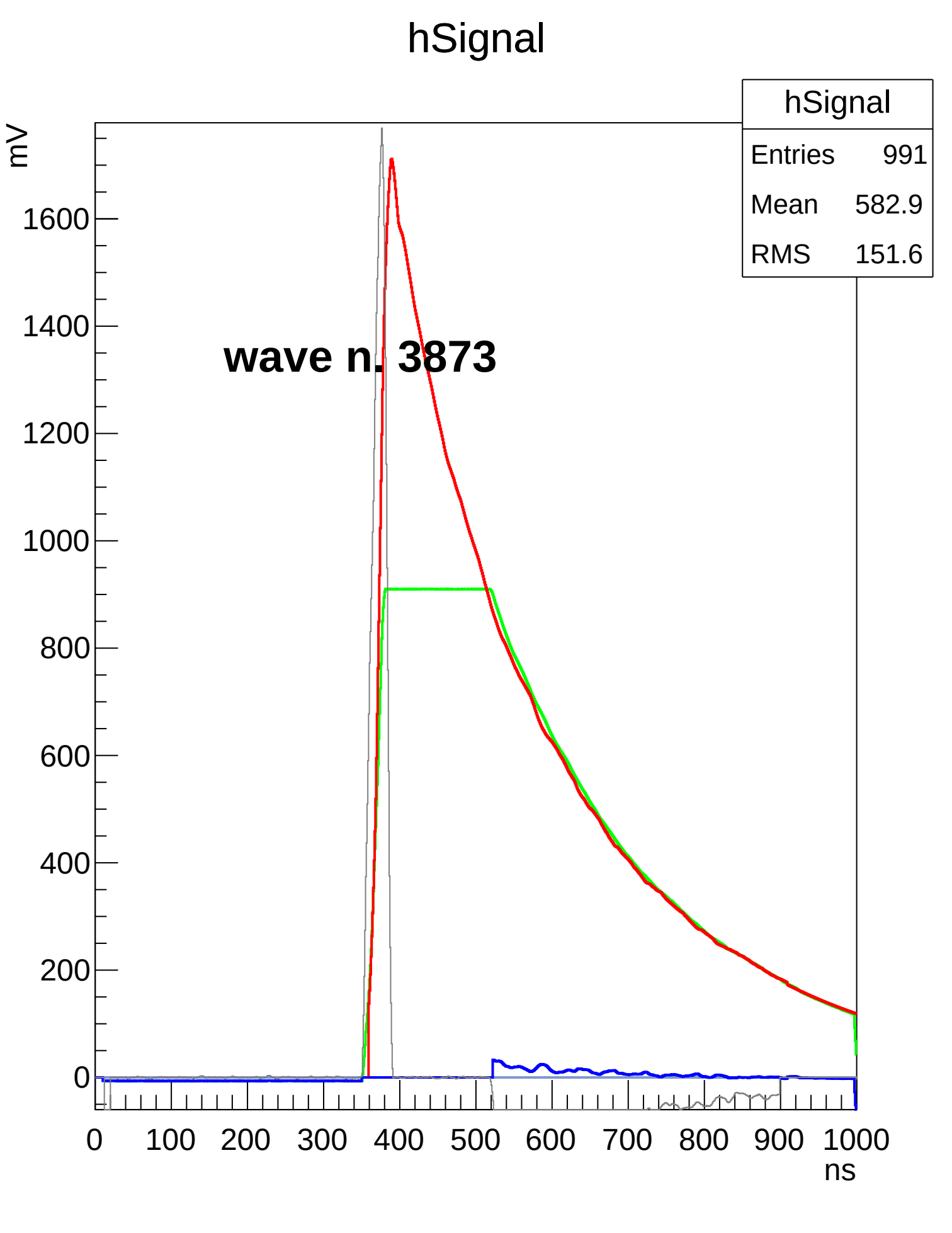
ns


hSignal
hSignal
Entries 991
Mean 582.9
RMS 151.6
wave n. 3873
mV
1600
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200
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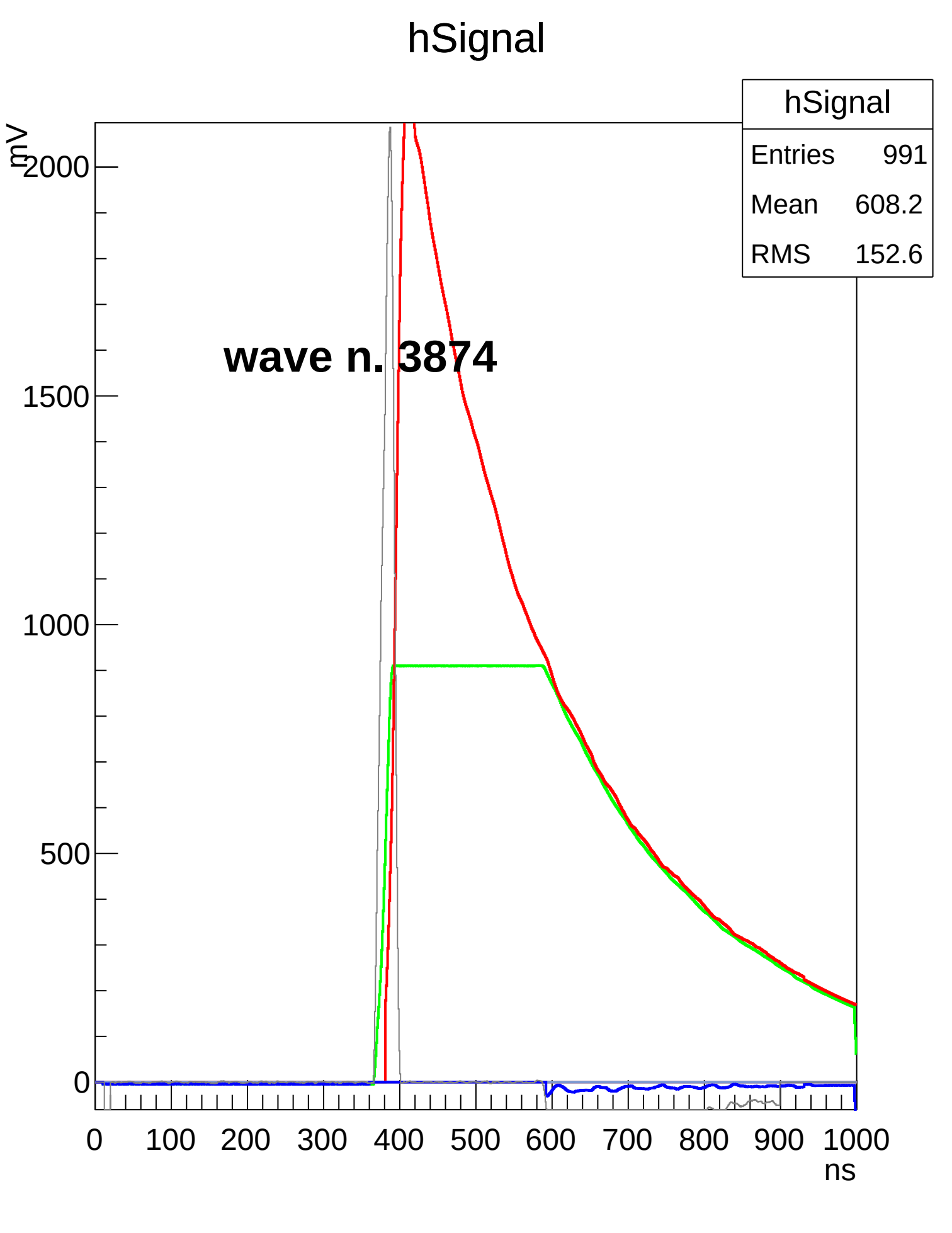
1000
ns


hSignal
hSignal
Entries 991
Mean 608.2
RMS 152.6
wave n. 3874
mV
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1000
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0
100
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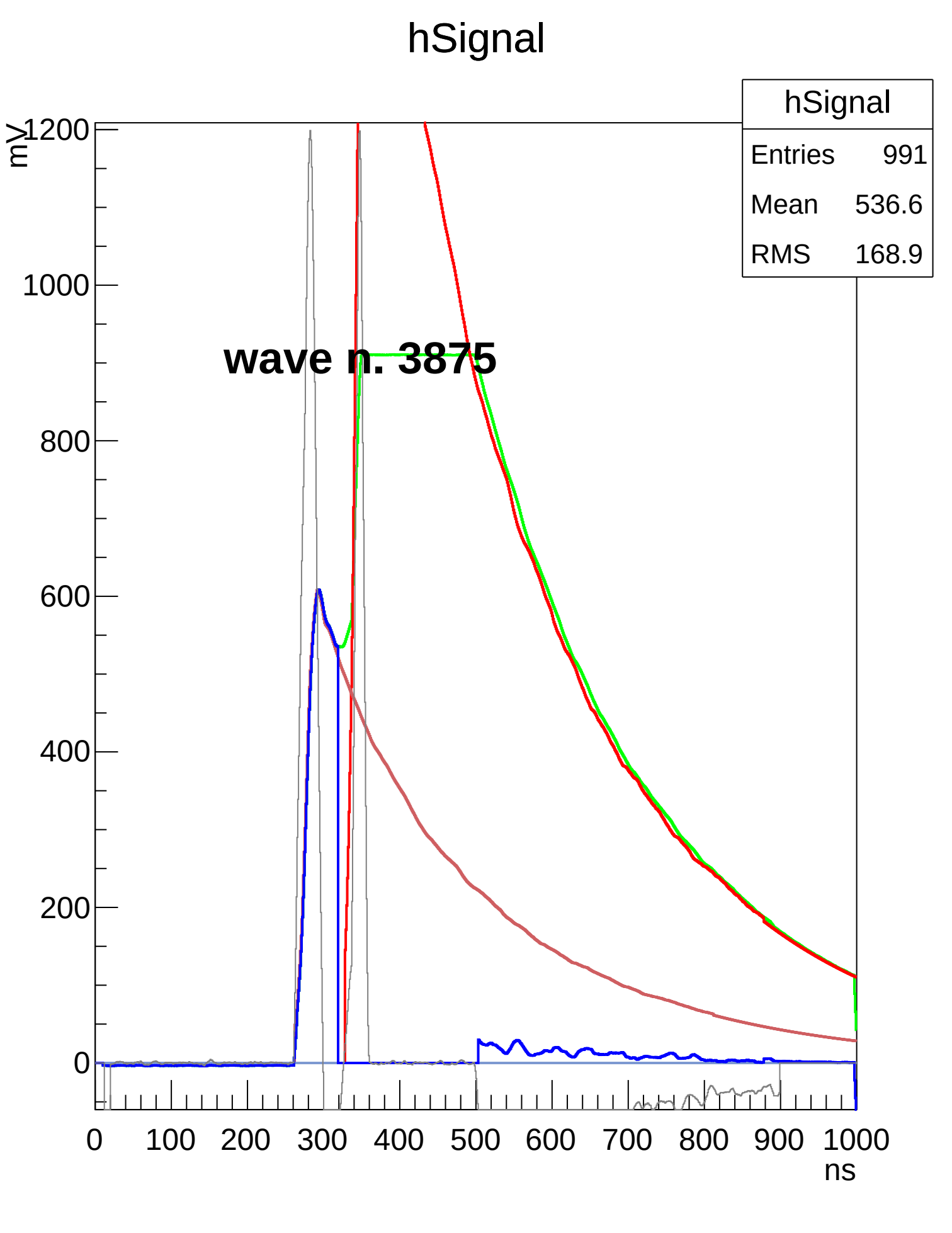
1000
ns


hSignal
hSignal
Entries 991
Mean 536.6
RMS 168.9
wave n. 3875
mV
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400
500
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1000
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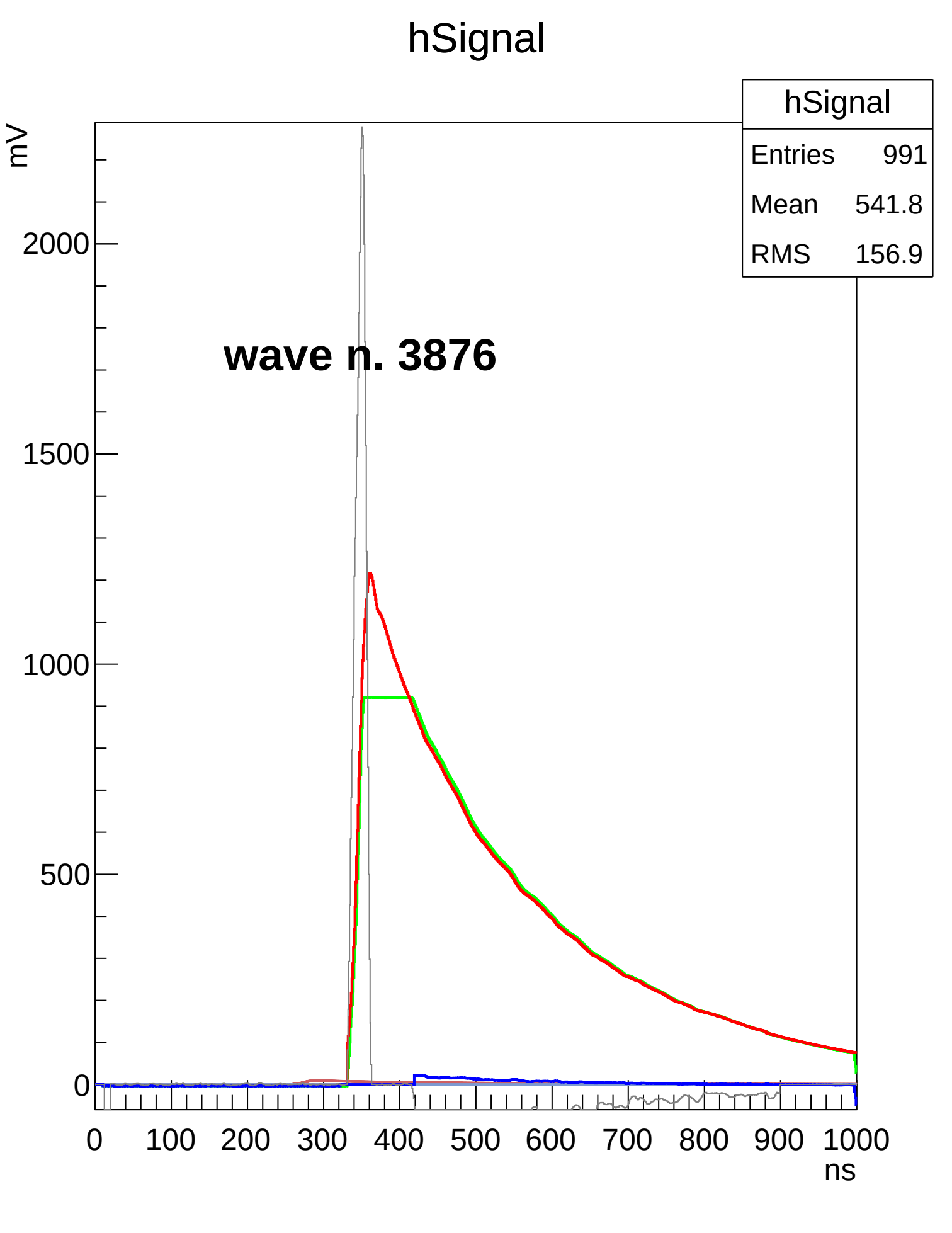
hSignal
hSignal
Entries 991
Mean 541.8
RMS 156.9
wave n. 3876
mV
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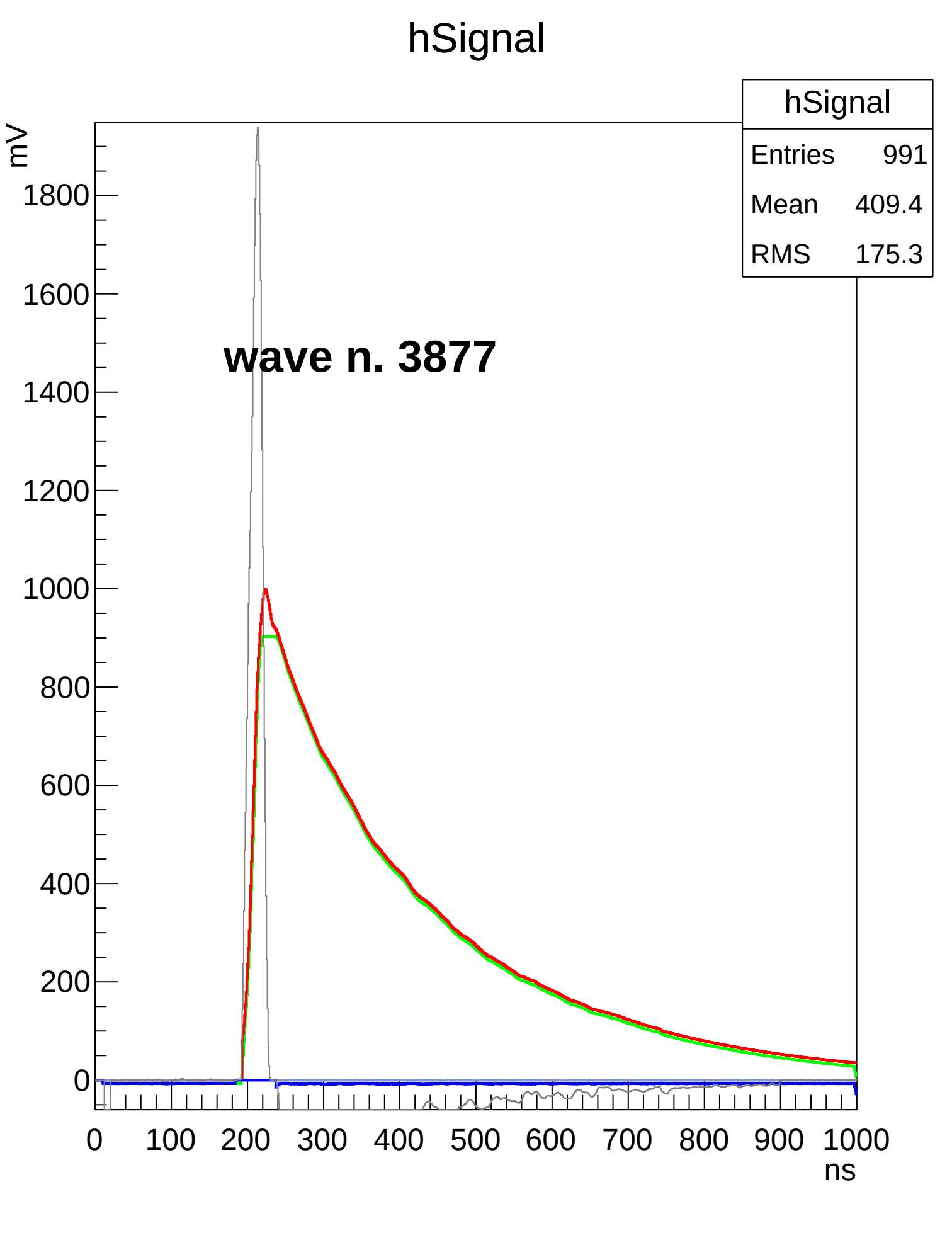
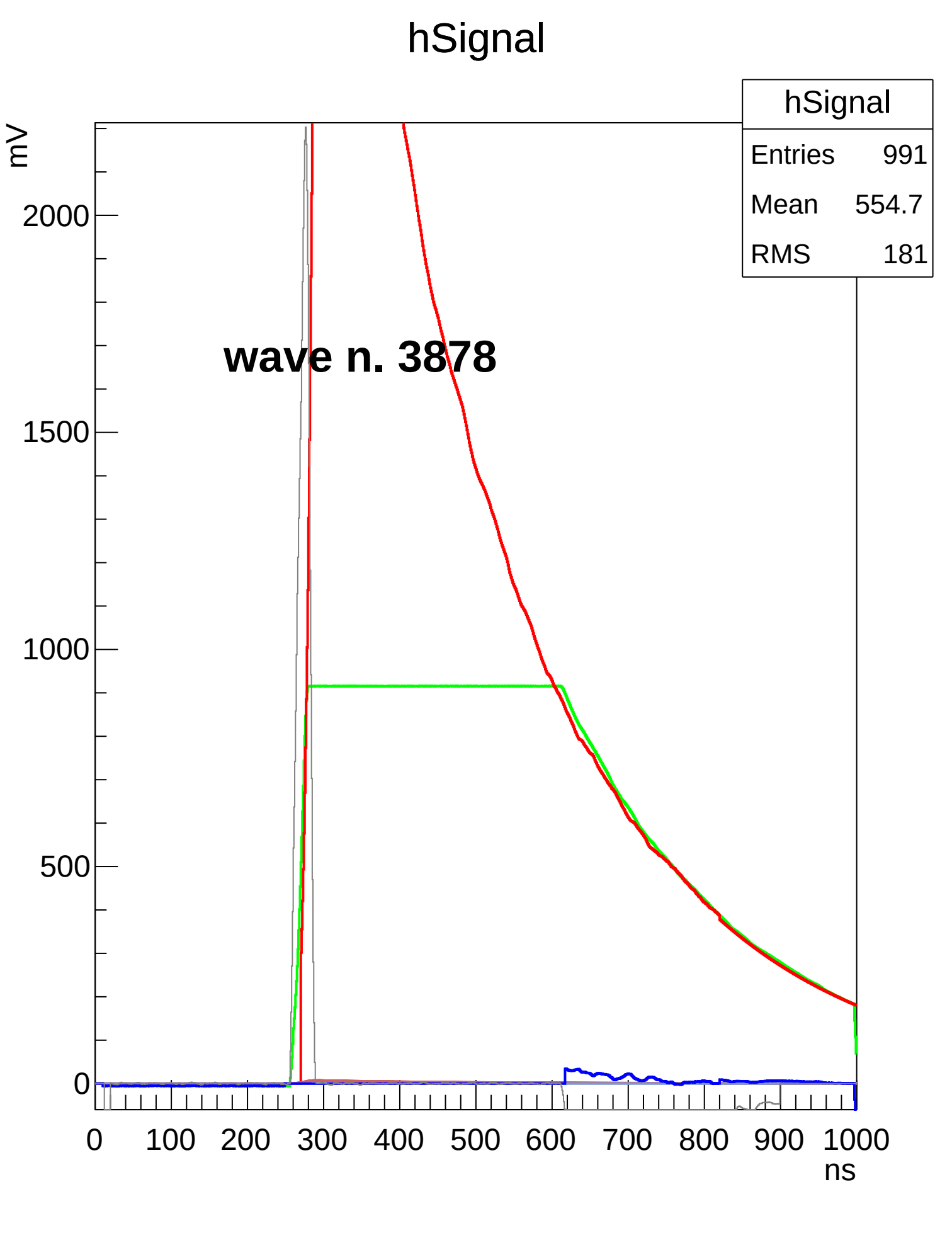
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 409.4
RMS 175.3
wave n. 3877
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 554.7
RMS 181
wave n. 3878
mV
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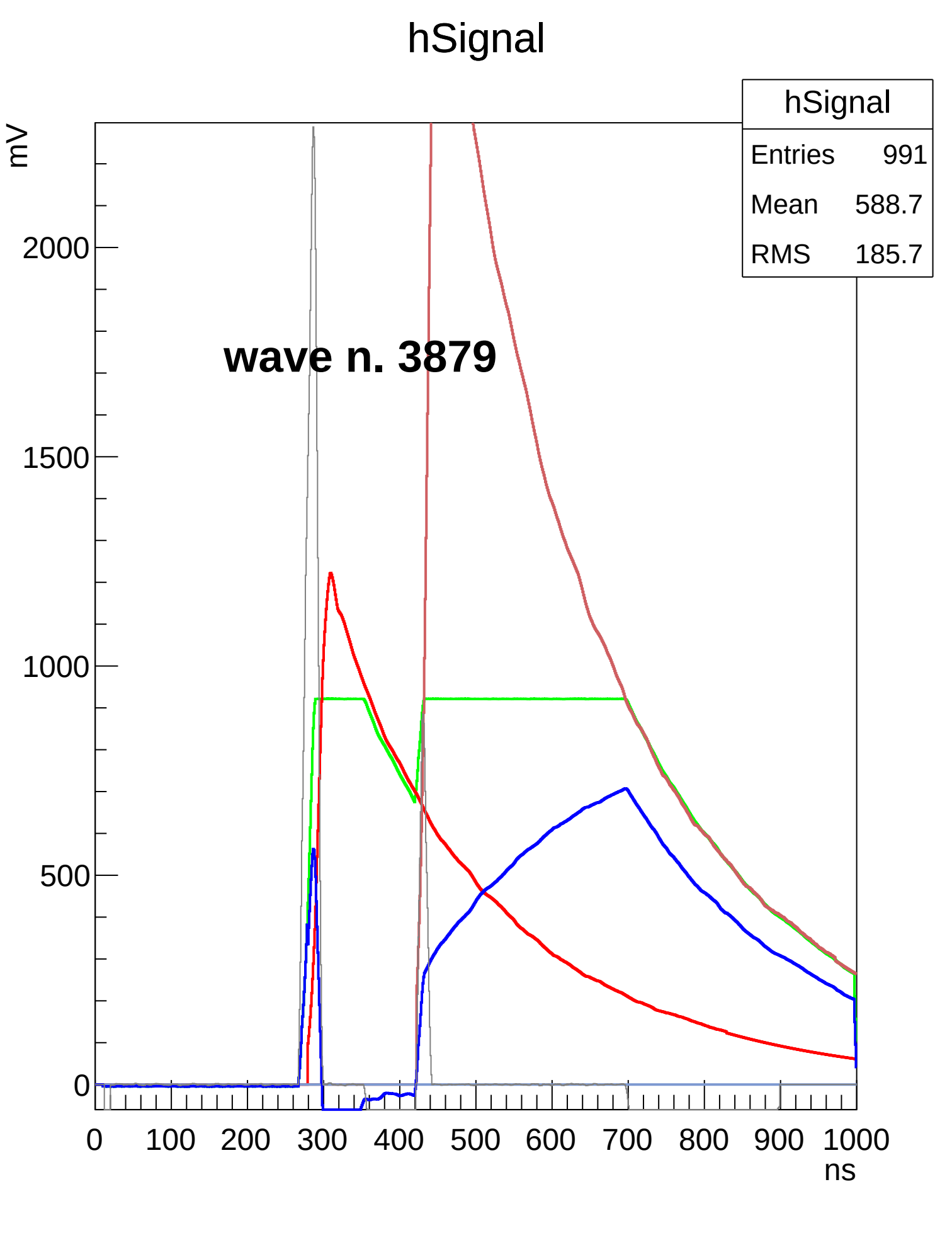
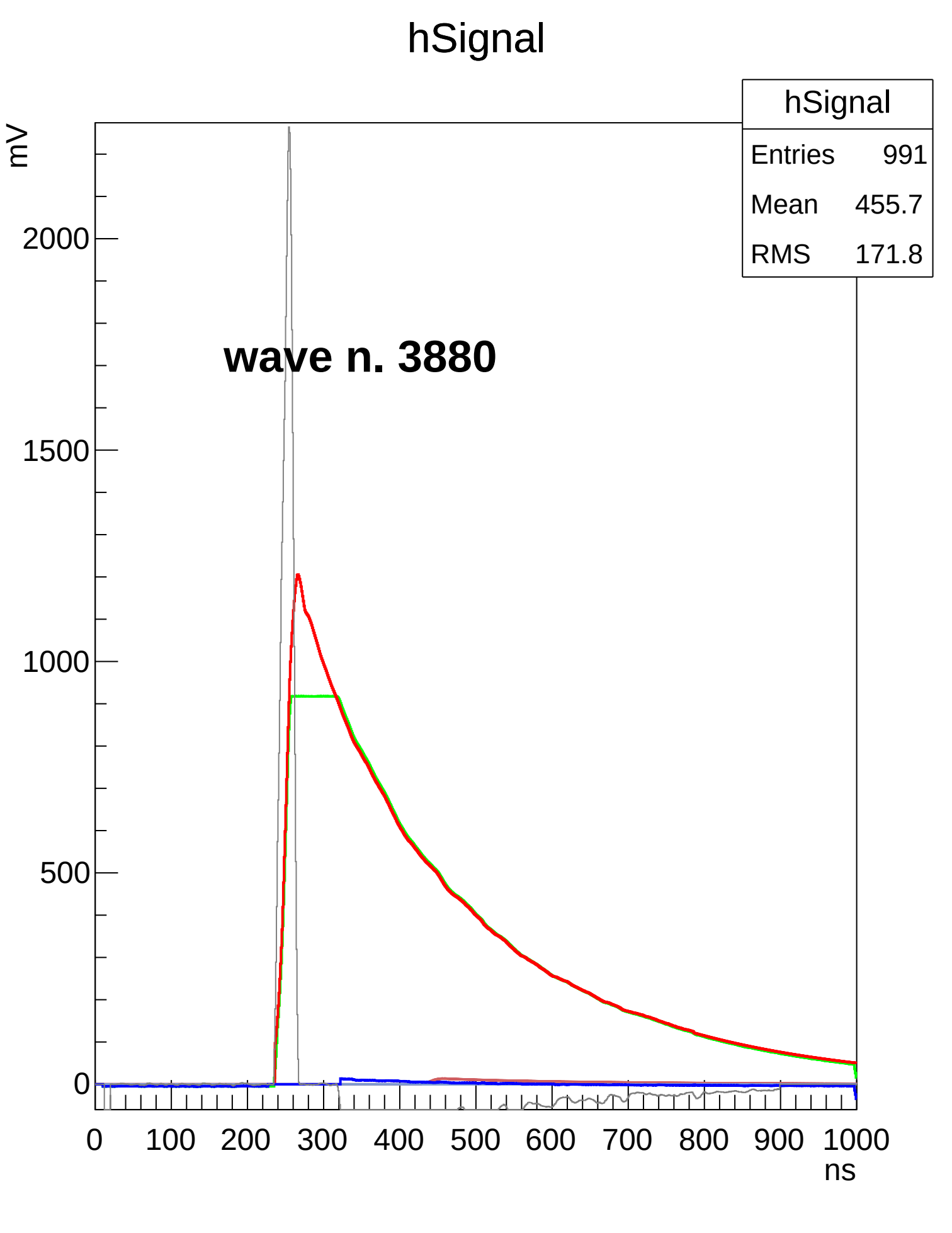
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 588.7
RMS 185.7
wave n. 3879
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 455.7
RMS 171.8
wave n. 3880
mV
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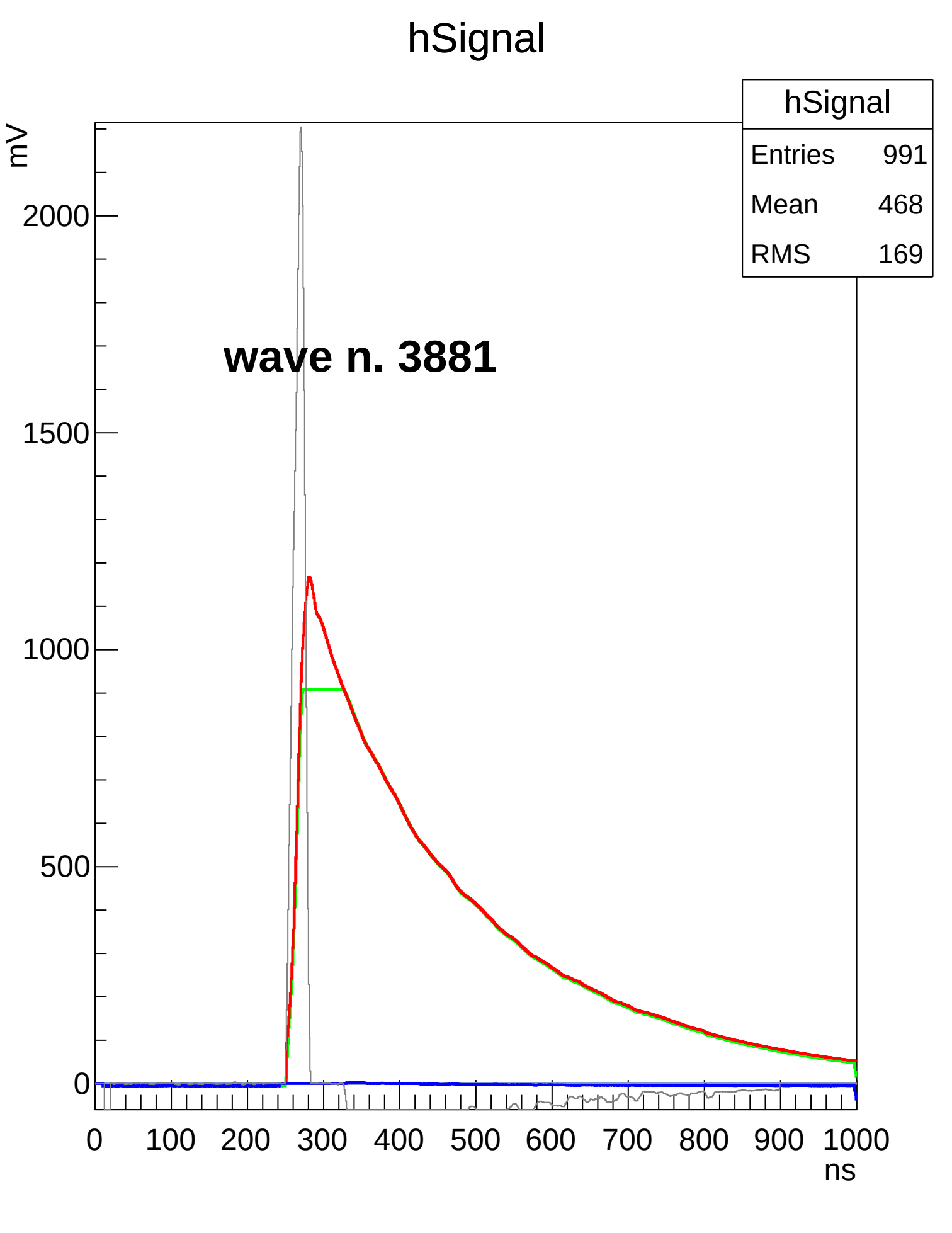
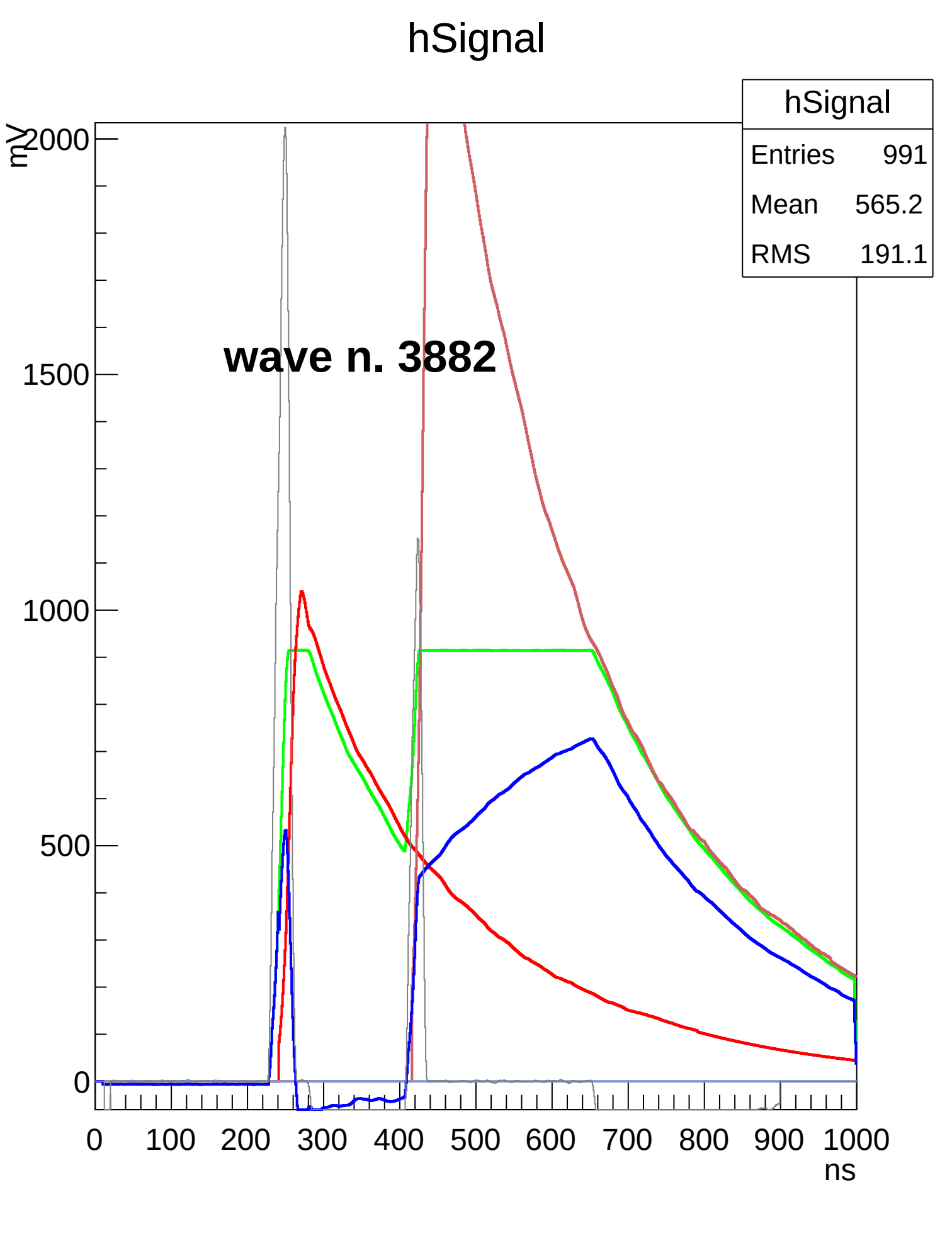
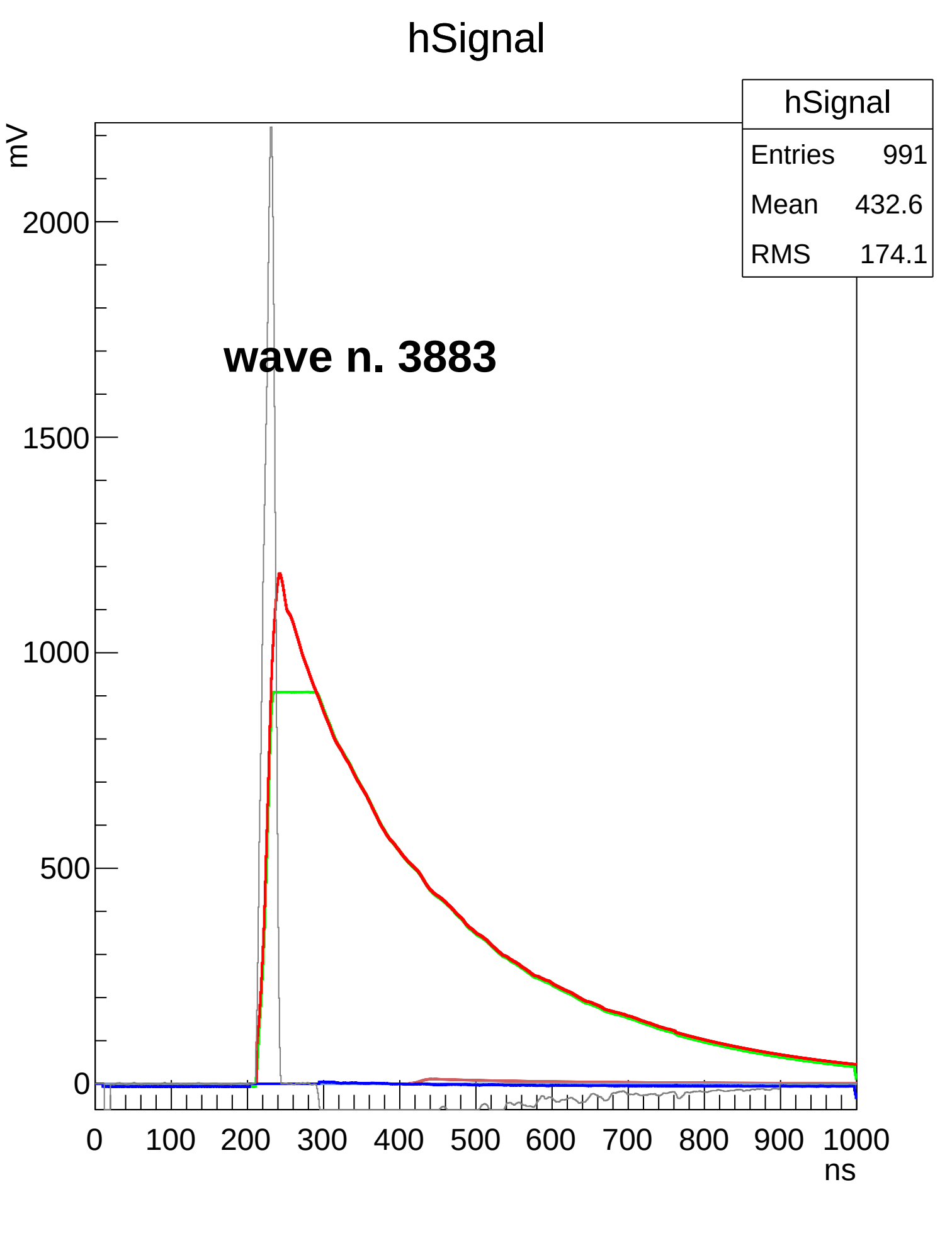
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 468
RMS 169
wave n. 3881
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 565.2
RMS 191.1
wave n. 3882
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 432.6
RMS 174.1
wave n. 3883
mV
2000
1500
1000
500
0
0
100
200
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400
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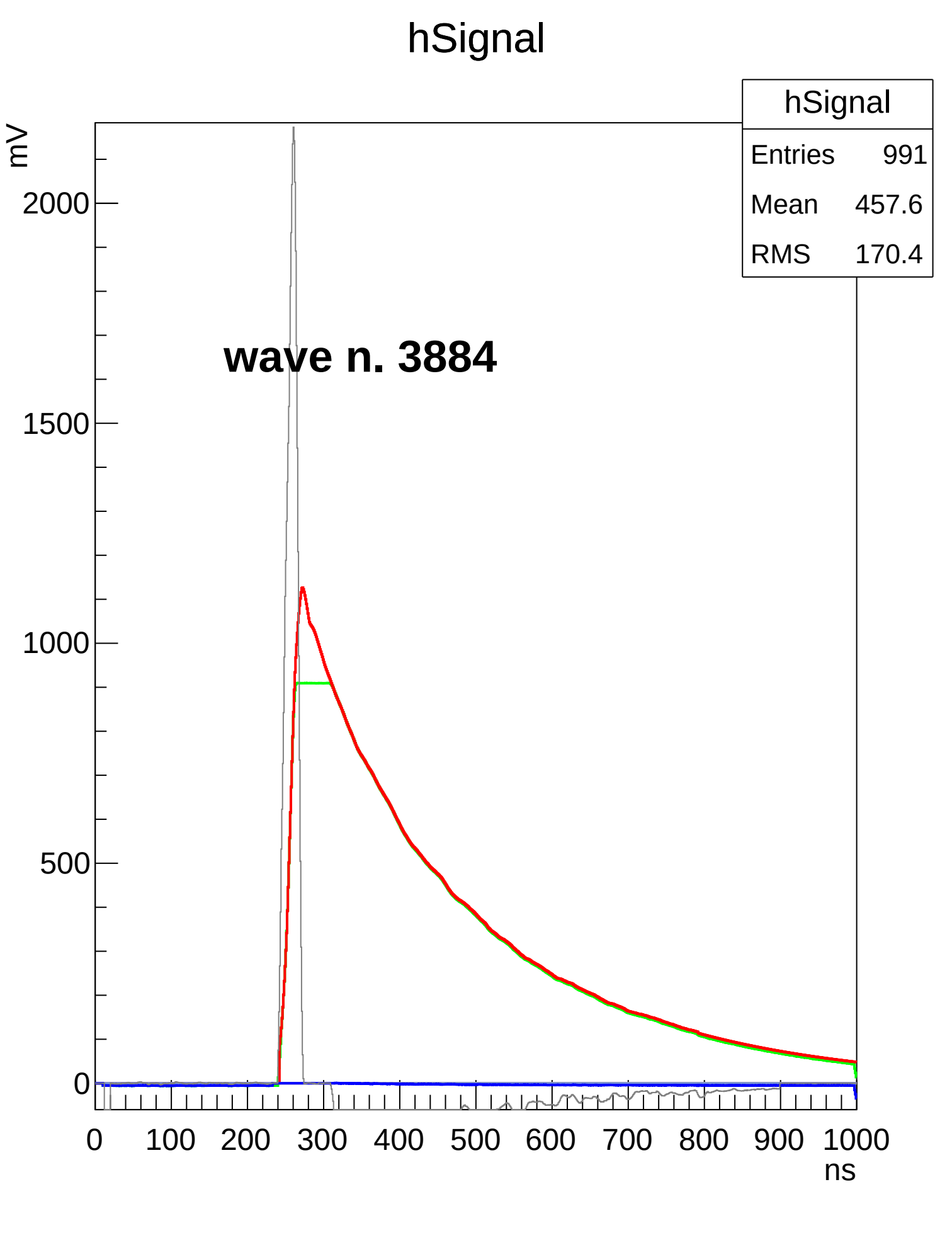
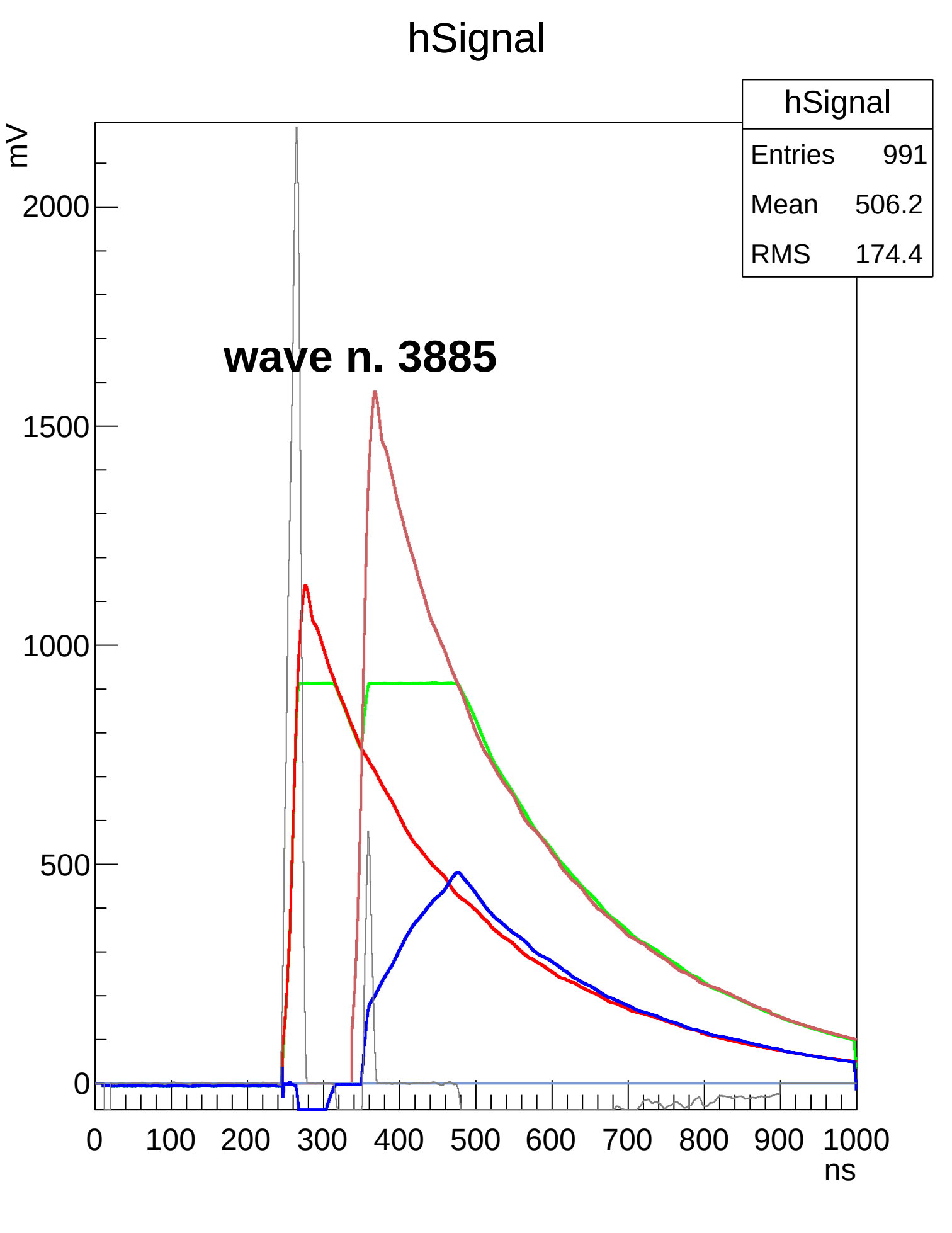
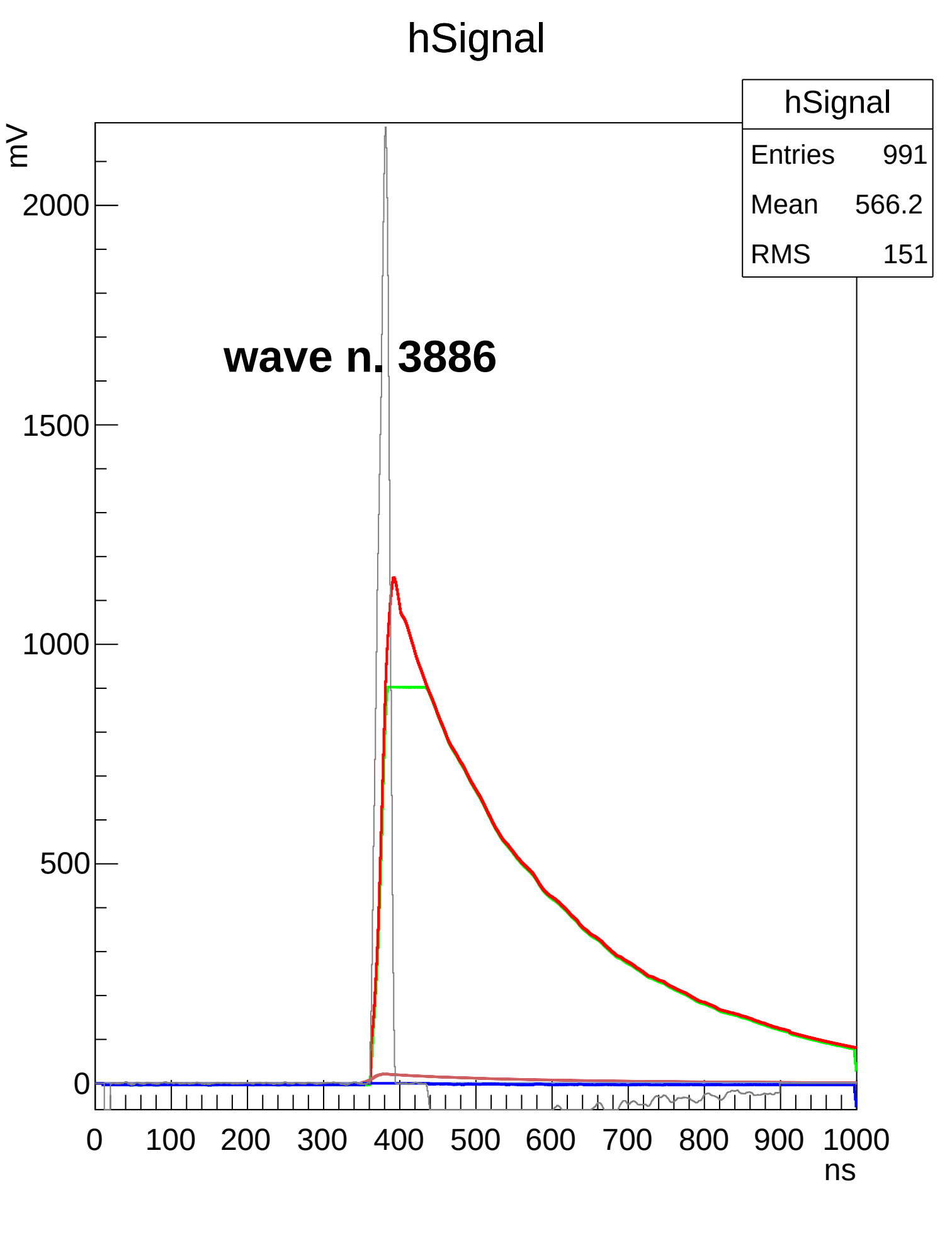
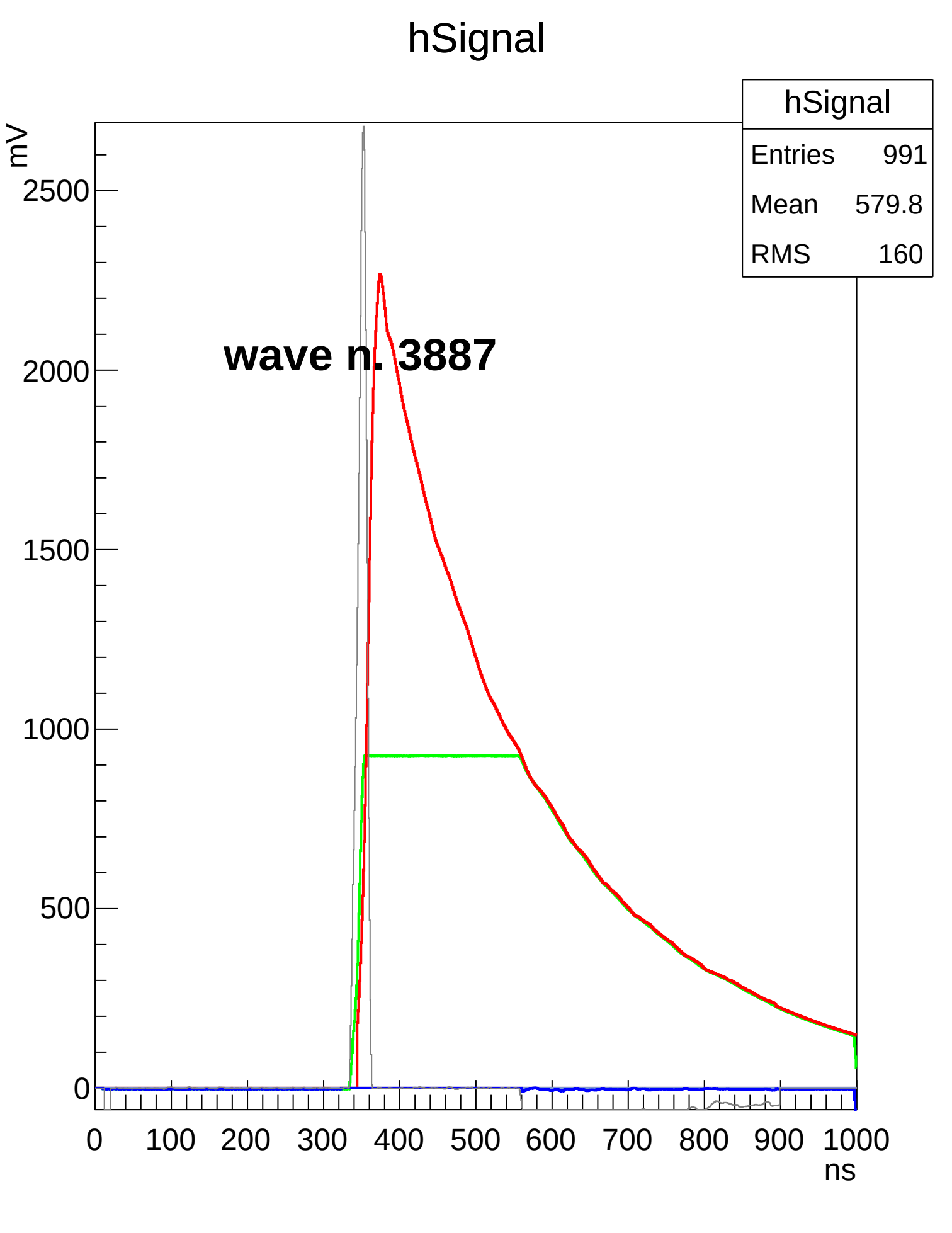
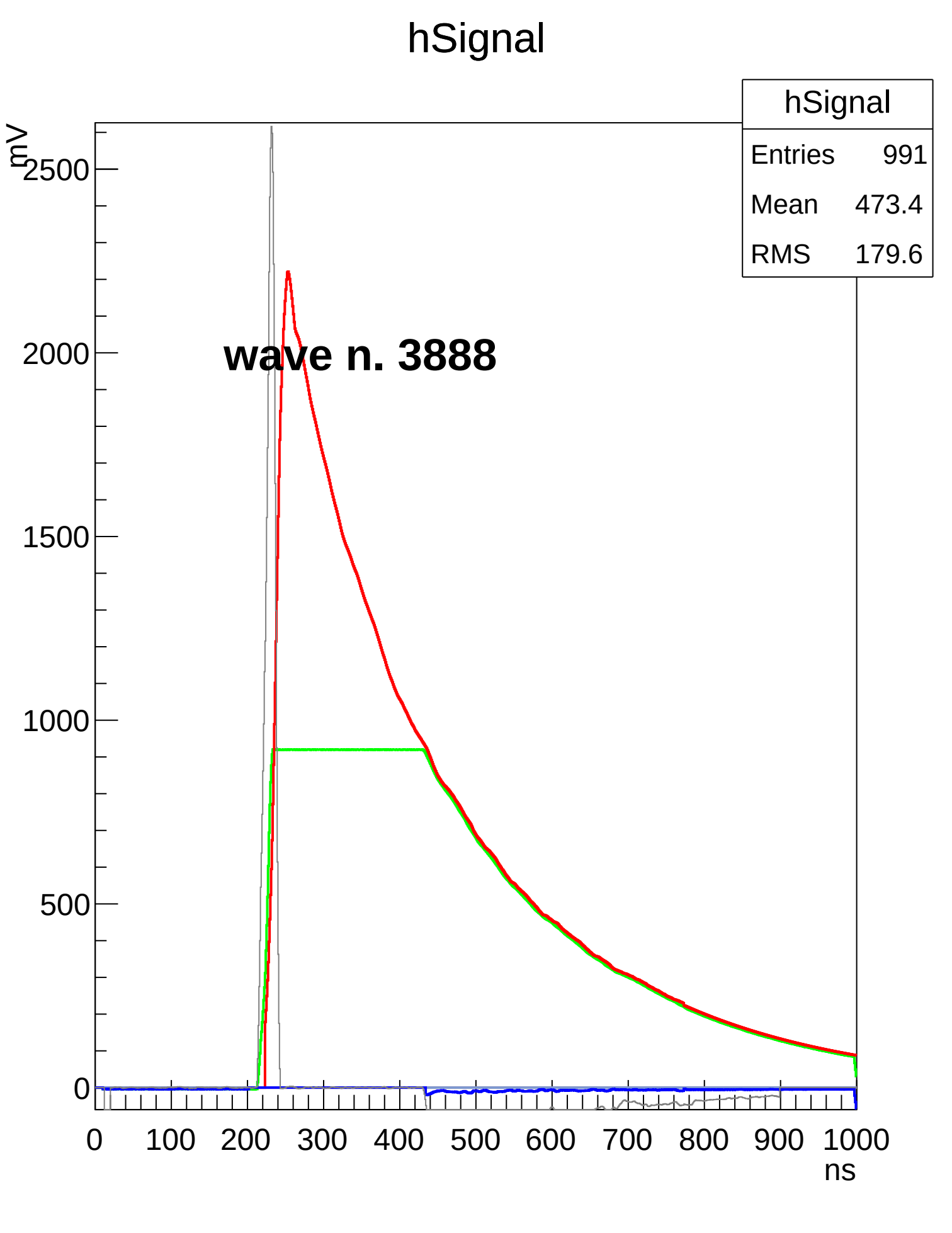
600
700
800
900
1000
ns

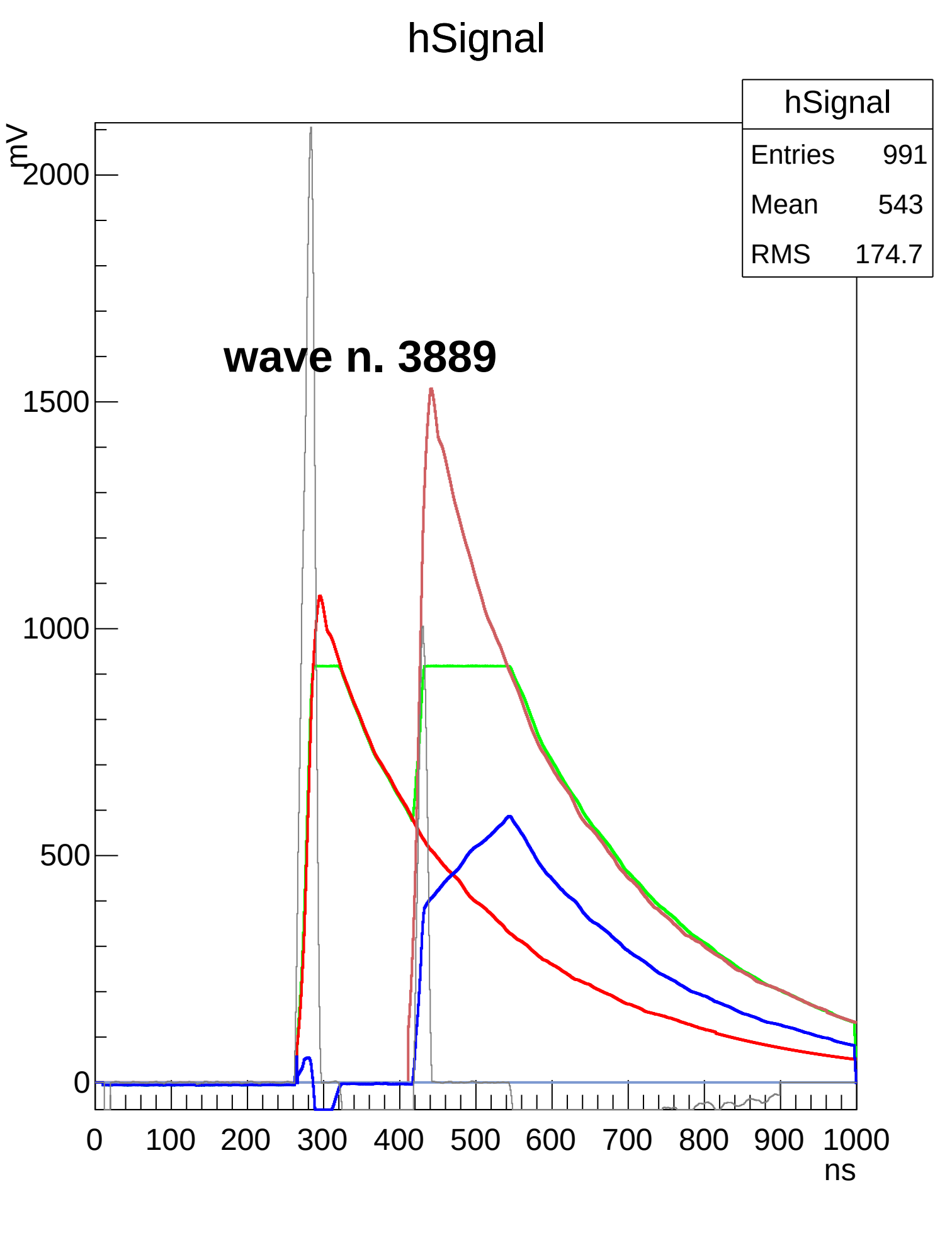

hSignal
hSignal
Entries 991
Mean 457.6
RMS 170.4
wave n. 3884
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

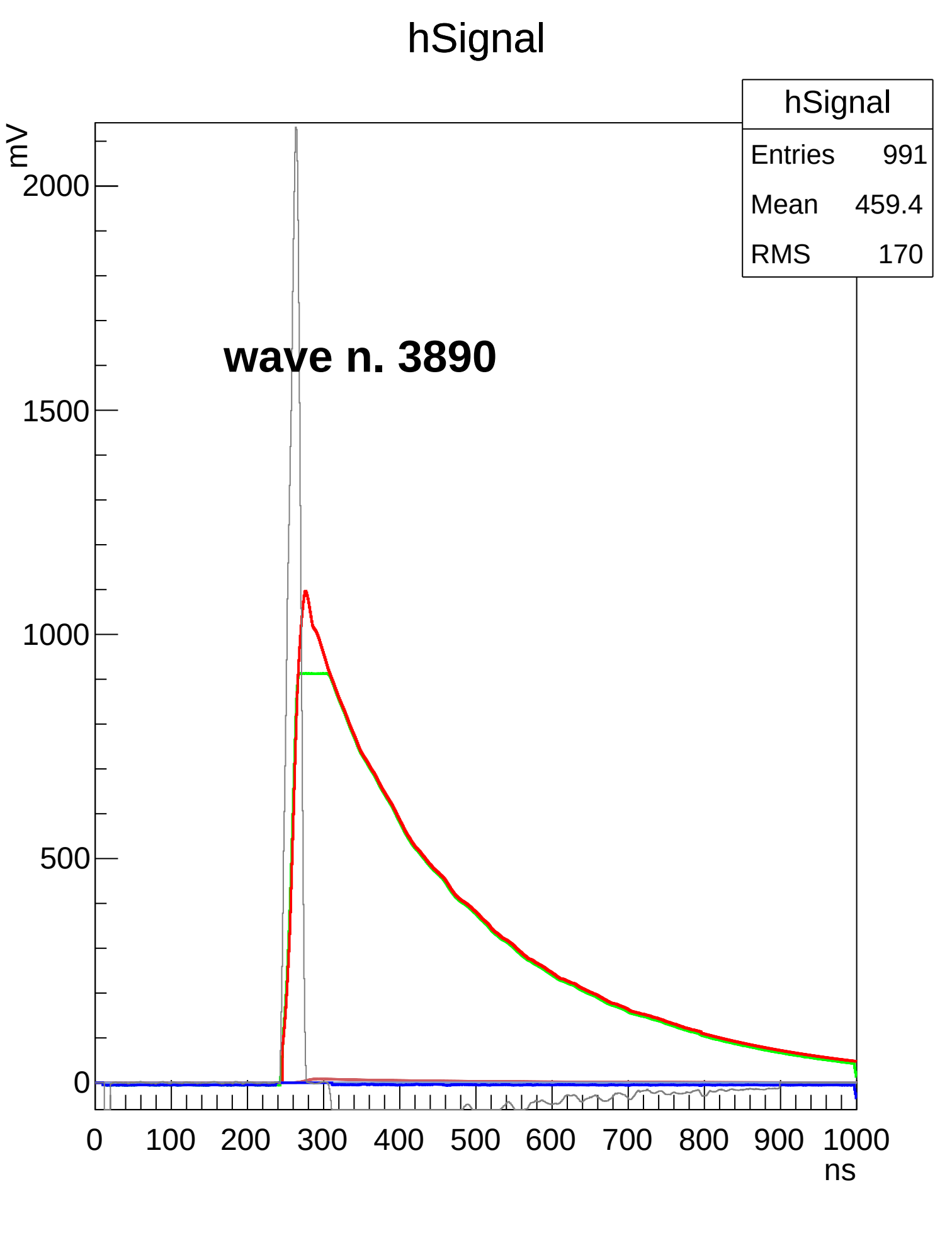

hSignal
hSignal
Entries 991
Mean 506.2
RMS 174.4
wave n. 3885
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

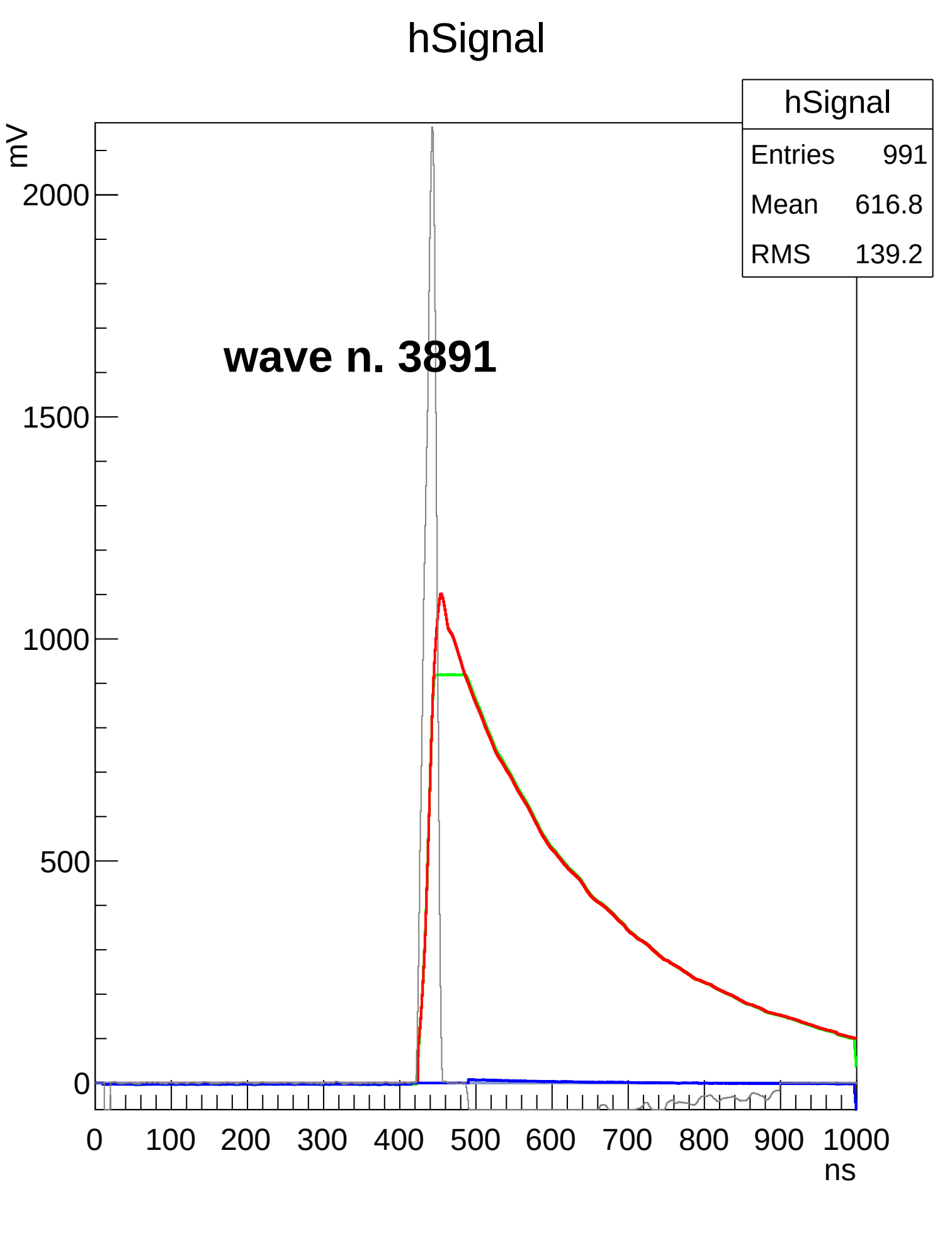

hSignal
hSignal
Entries 991
Mean 566.2
RMS 151
wave n. 3886
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

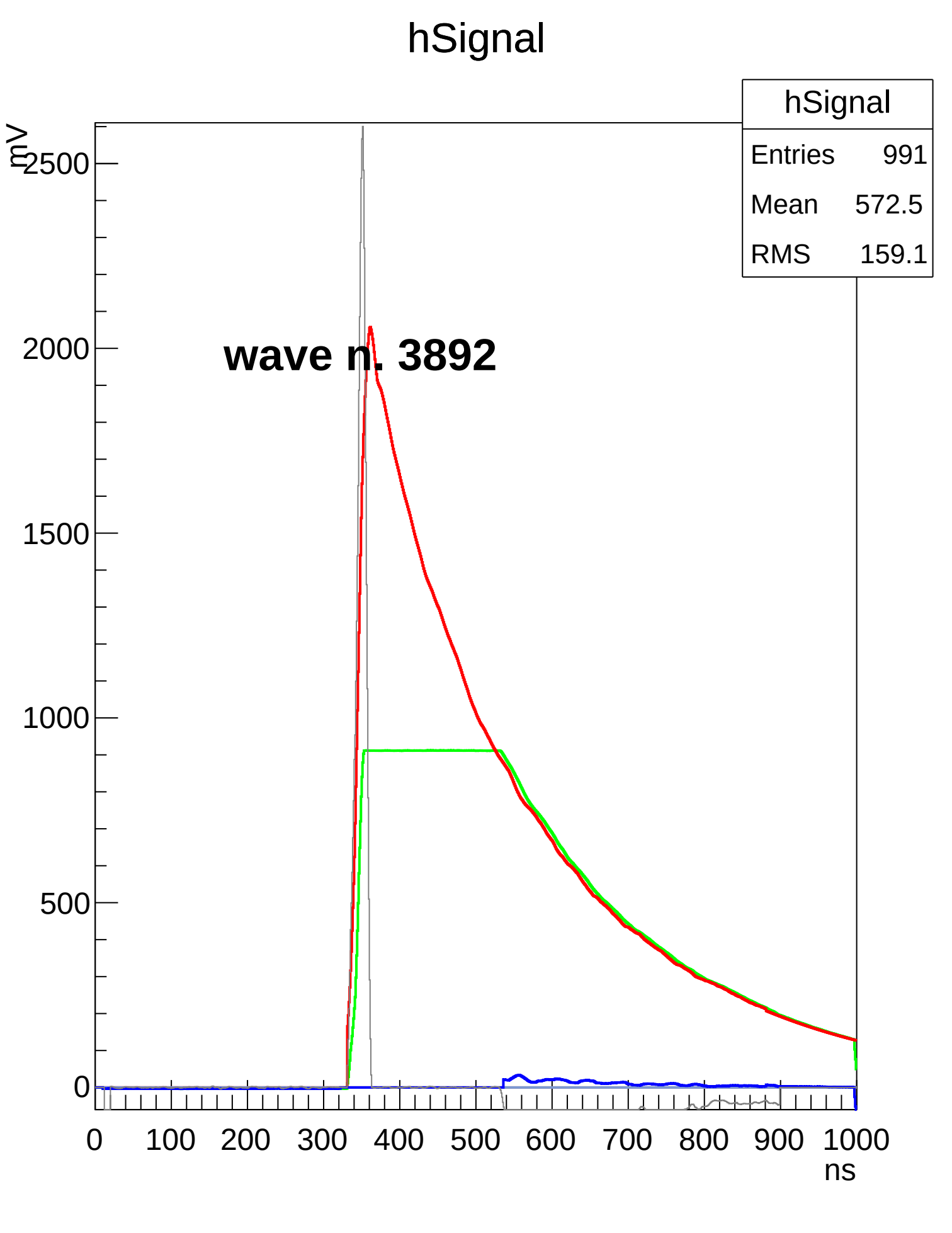

hSignal
hSignal
Entries 991
Mean 579.8
RMS 160
wave n. 3887
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

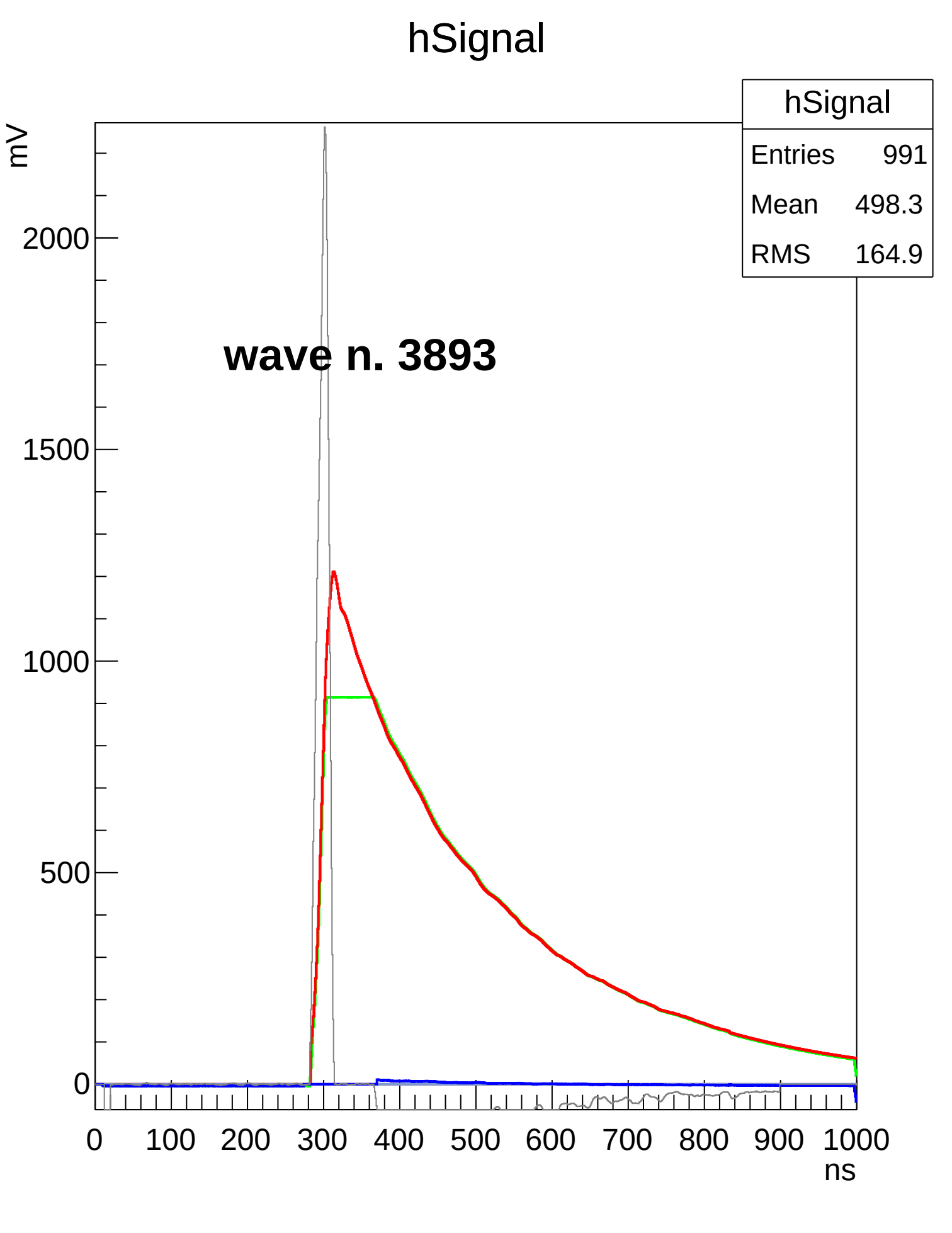

hSignal
hSignal
Entries 991
Mean 473.4
RMS 179.6
wave n. 3888
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

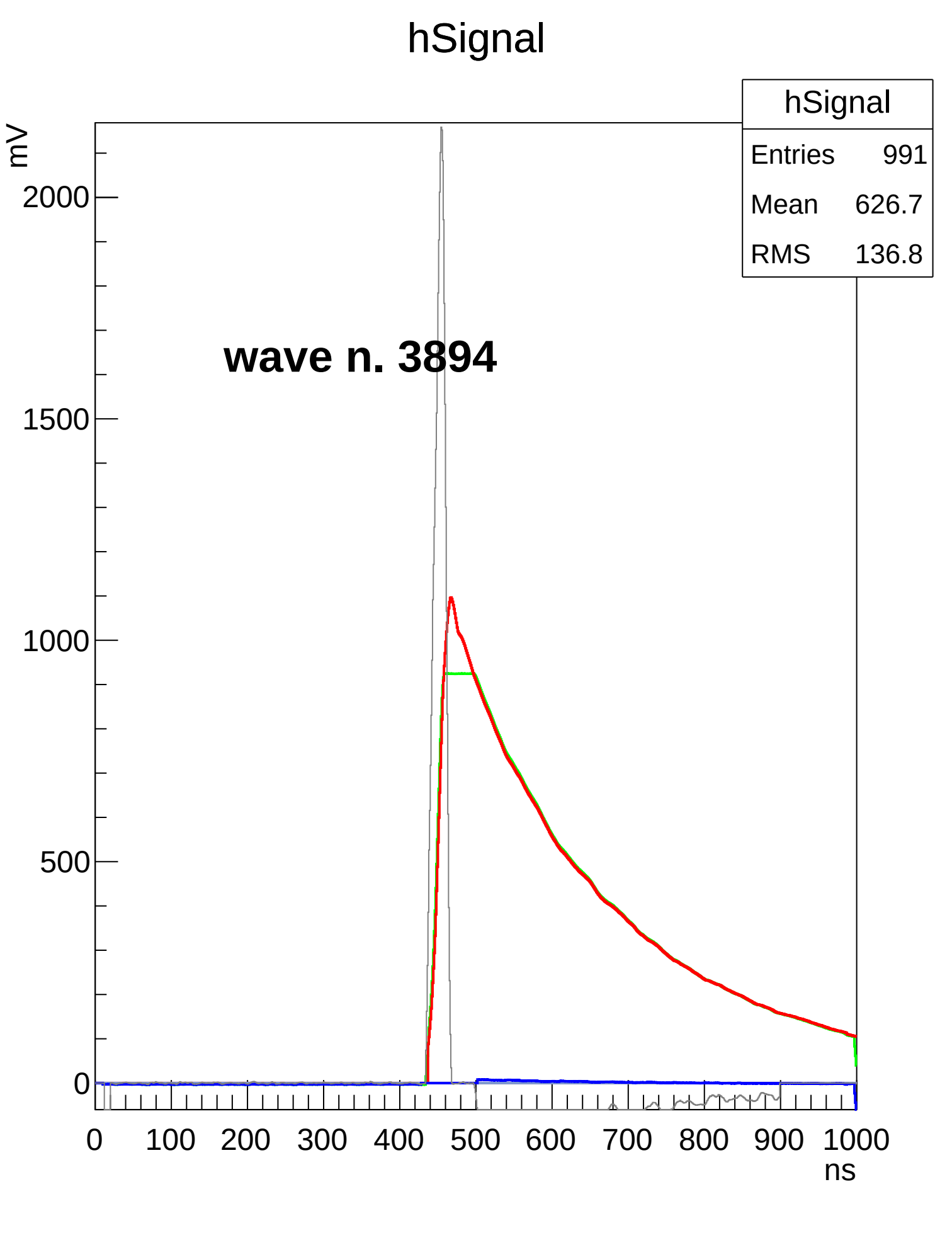

hSignal
hSignal
Entries 991
Mean 543
RMS 174.7
wave n. 3889
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

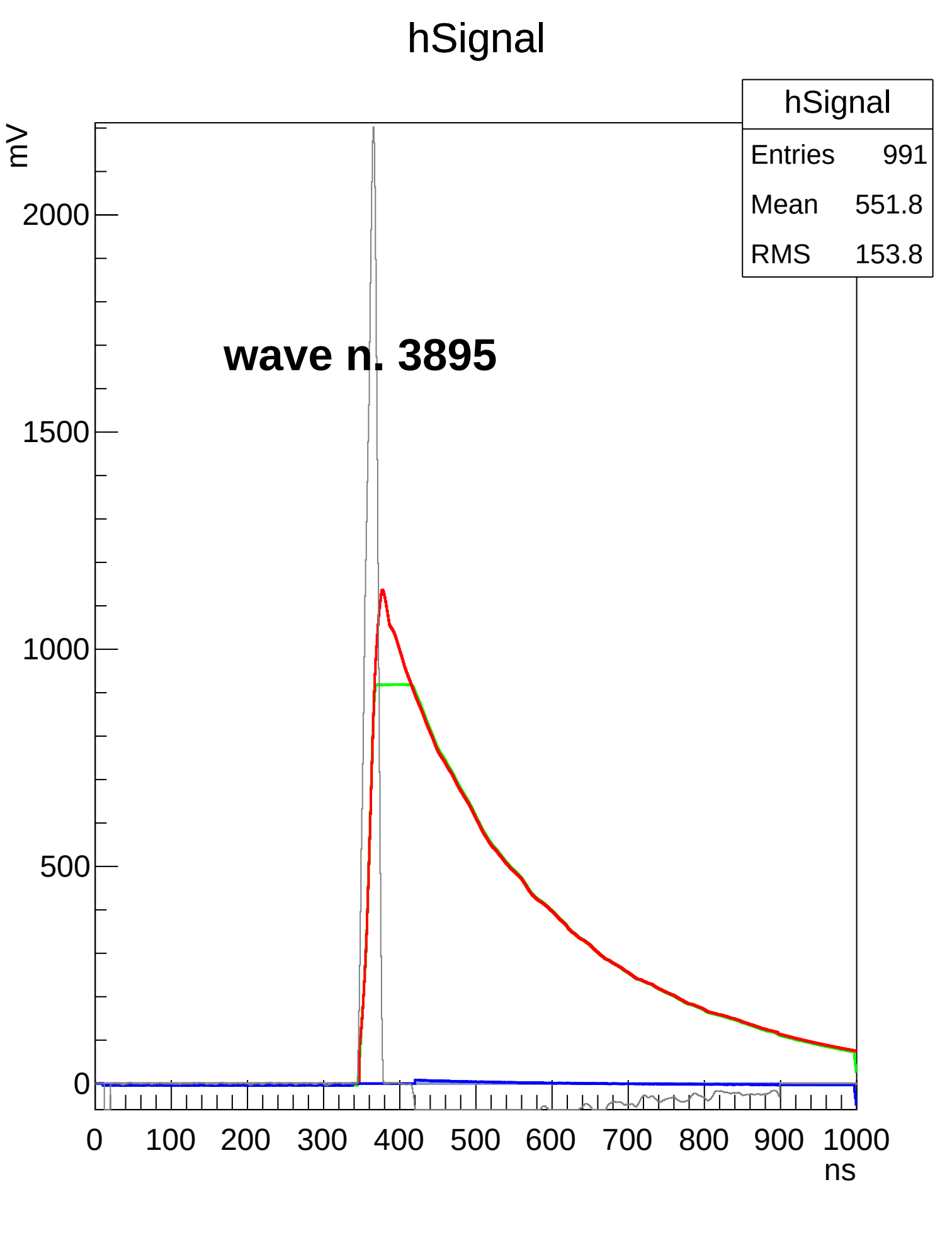

hSignal
hSignal
Entries 991
Mean 459.4
RMS 170
wave n. 3890
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

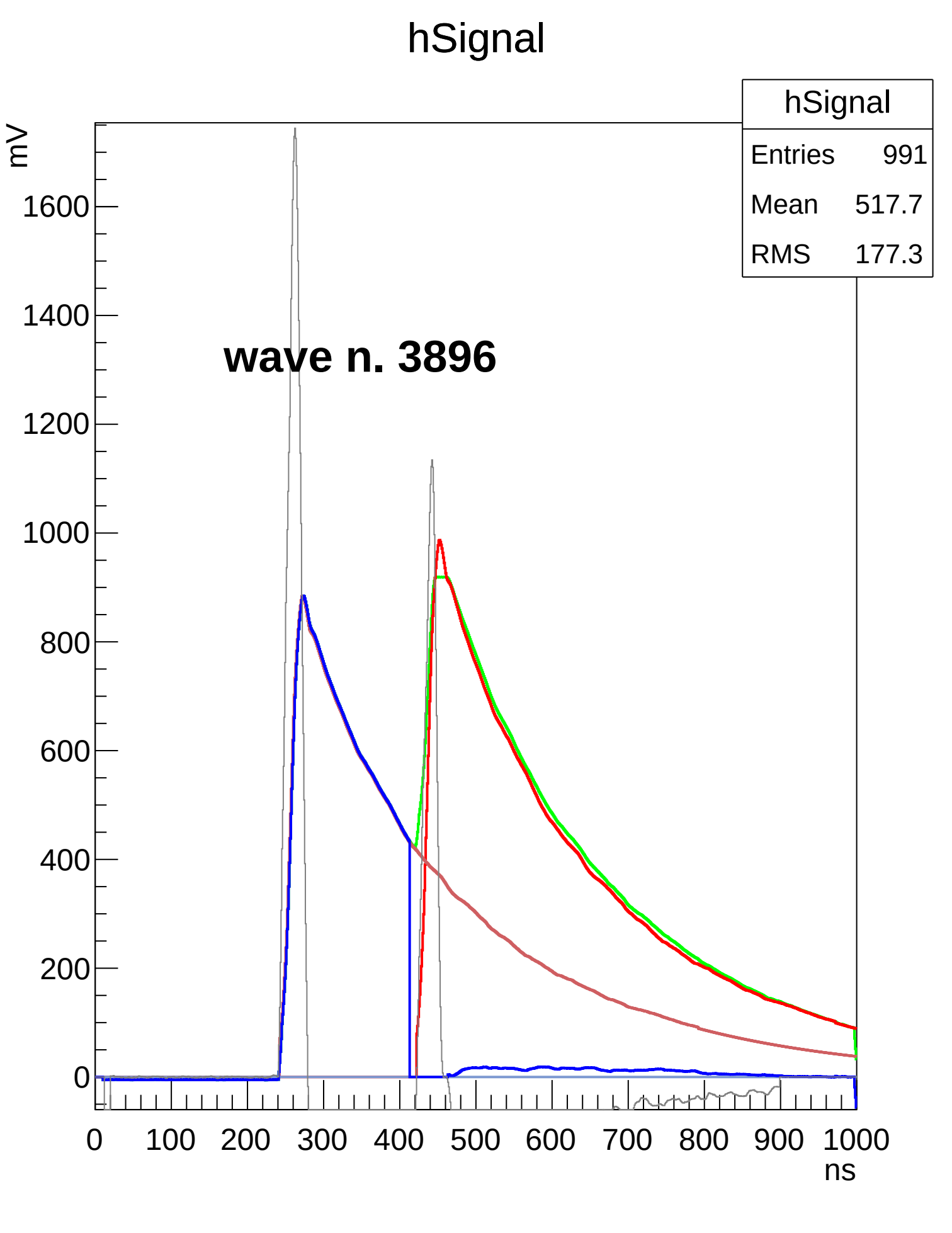

hSignal
hSignal
Entries 991
Mean 616.8
RMS 139.2
wave n. 3891
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

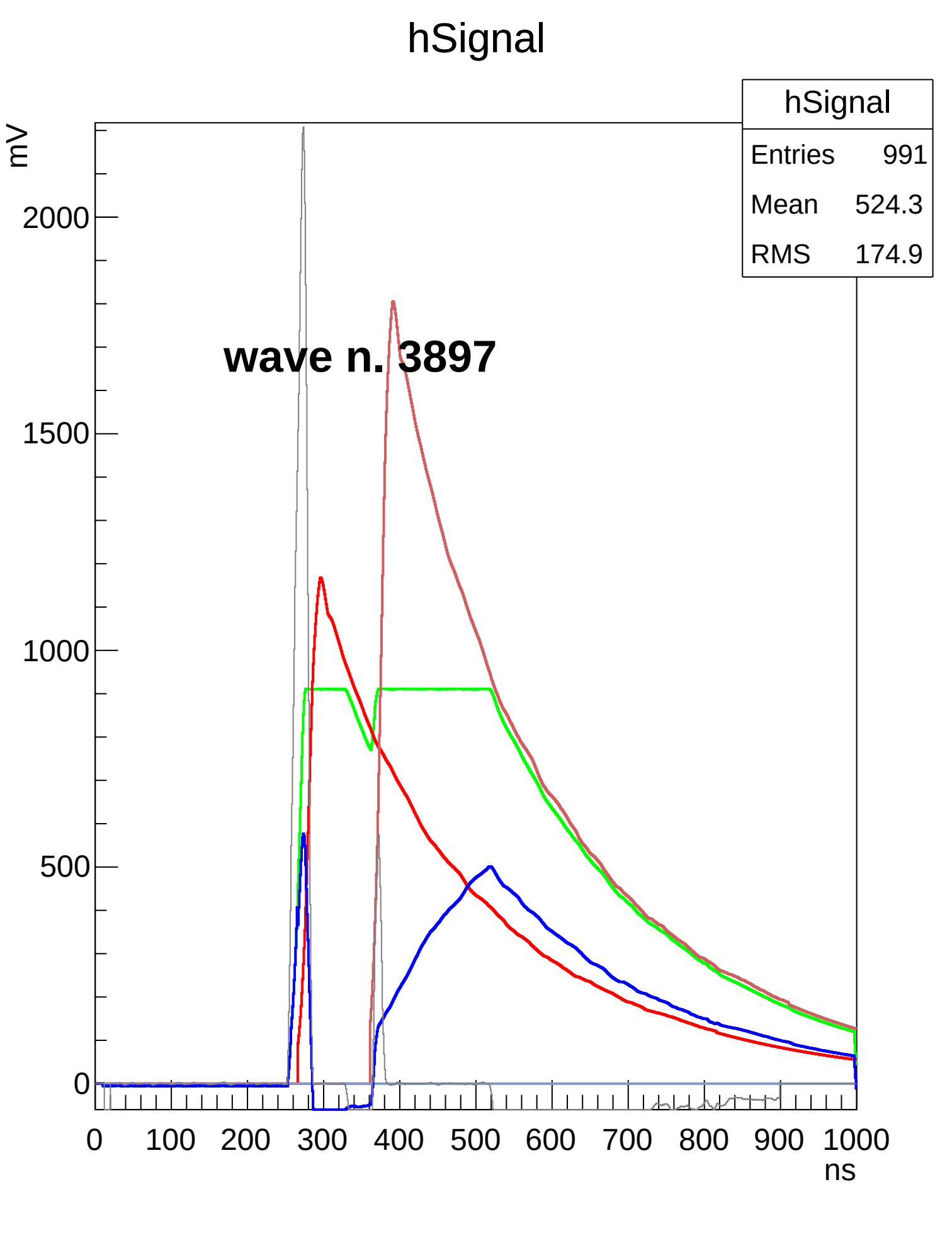

hSignal
hSignal
Entries 991
Mean 572.5
RMS 159.1
wave n. 3892
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

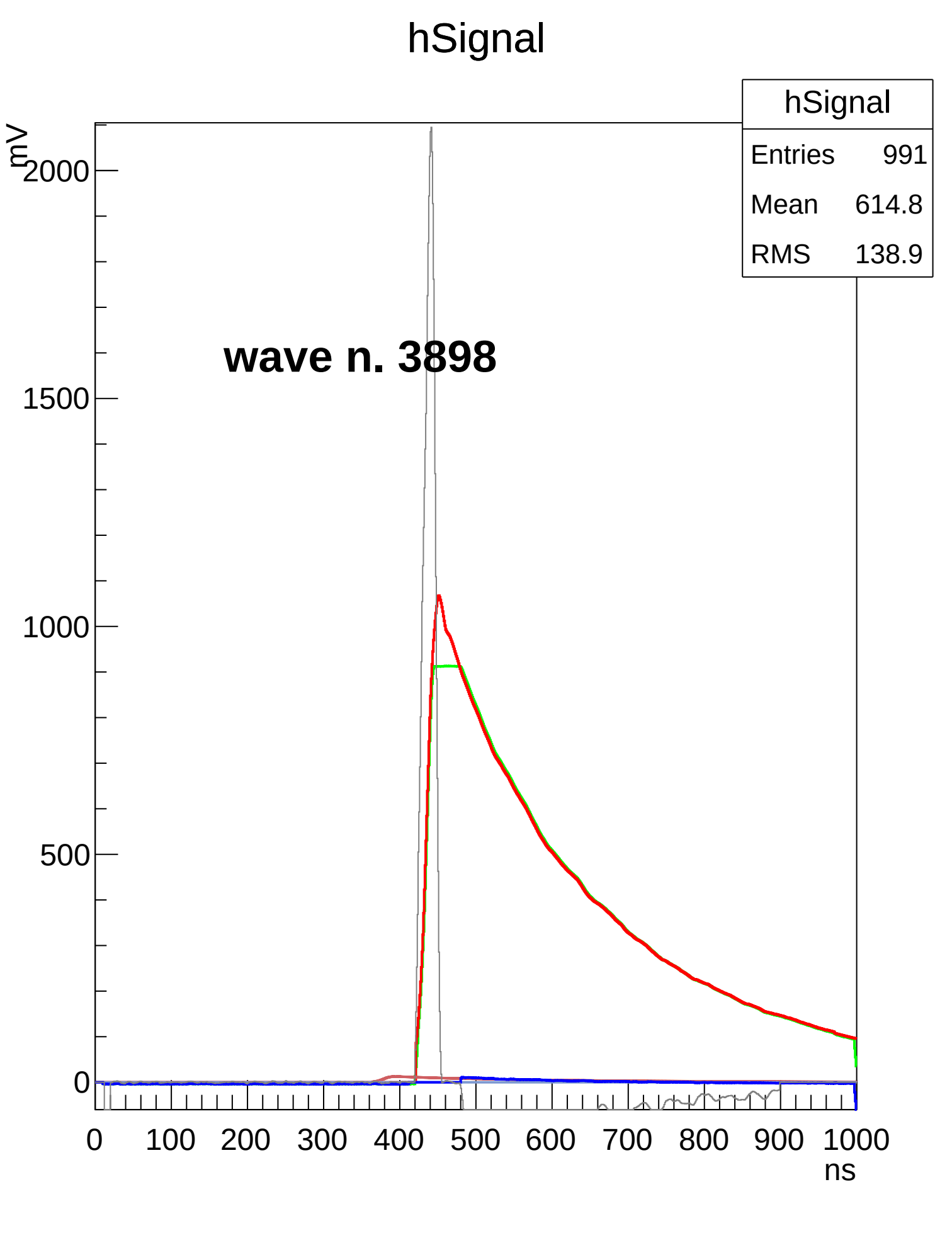

hSignal
hSignal
Entries 991
Mean 498.3
RMS 164.9
wave n. 3893
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 626.7
RMS 136.8
wave n. 3894
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 551.8
RMS 153.8
wave n. 3895
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 517.7
RMS 177.3
wave n. 3896
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 524.3
RMS 174.9
wave n. 3897
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 614.8
RMS 138.9
wave n. 3898
mV
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1500
1000
500
0
0
100
200
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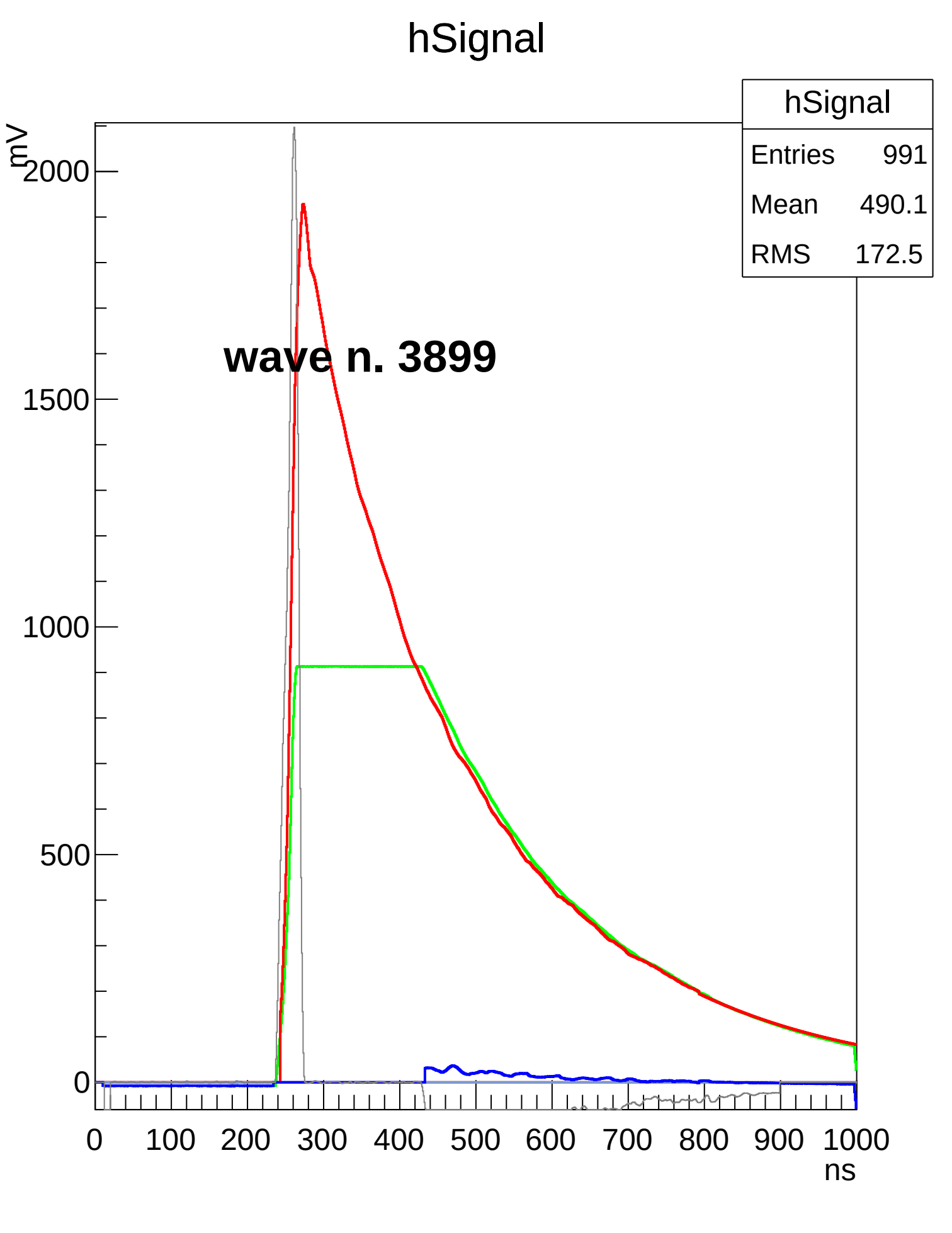
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 490.1
RMS 172.5
wave n. 3899
mV
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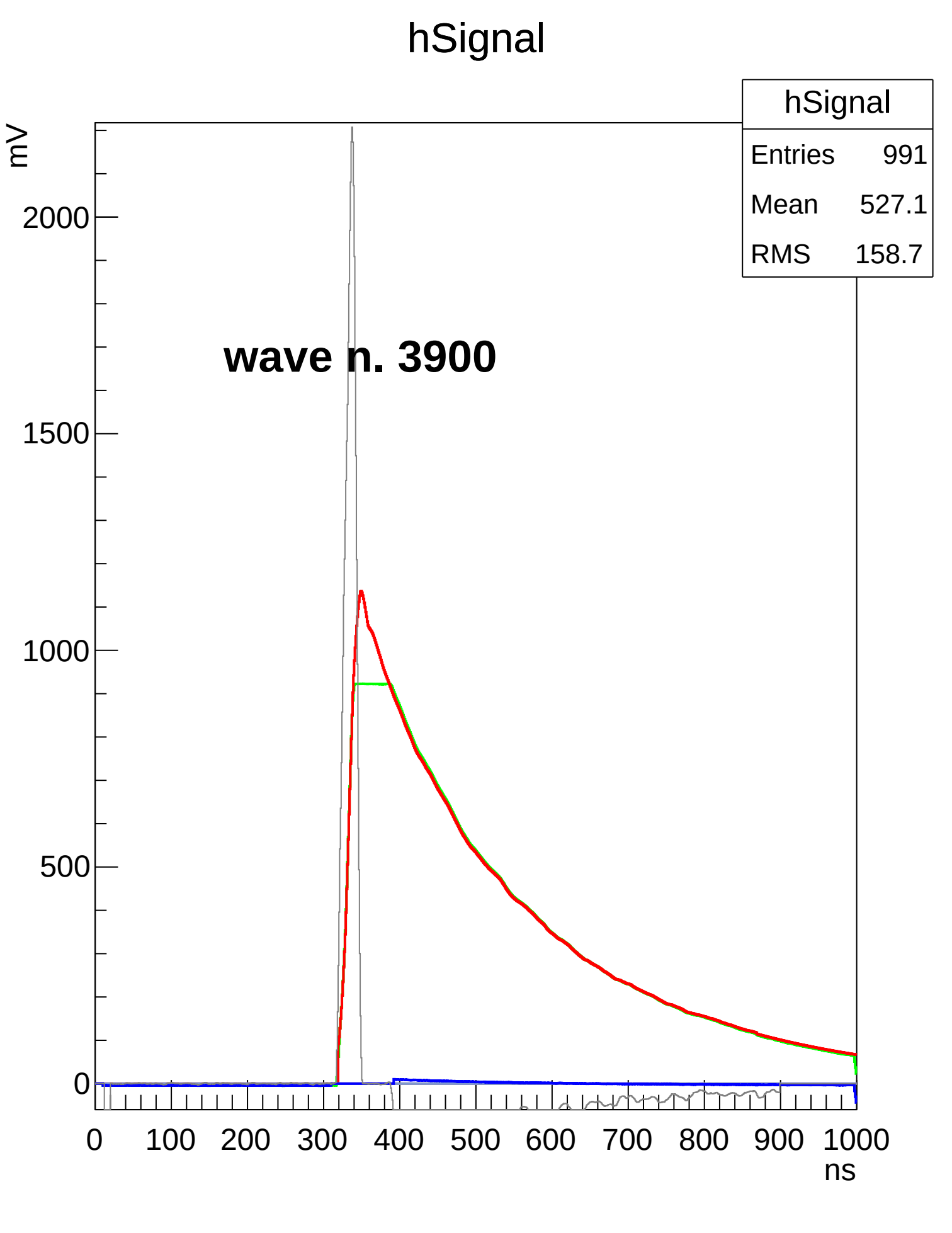
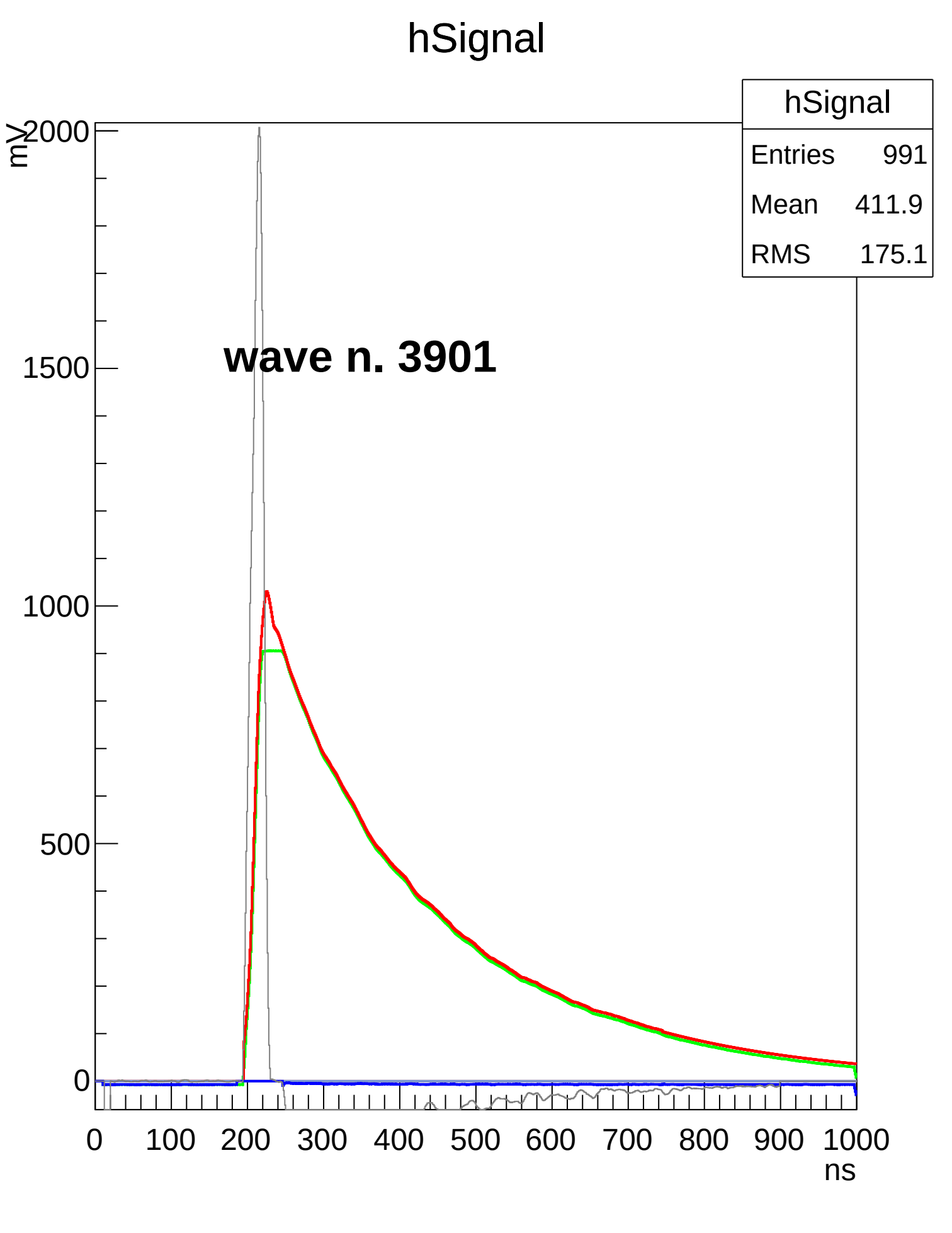
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527.1
RMS 158.7
wave n. 3900
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 411.9
RMS 175.1
wave n. 3901
mV
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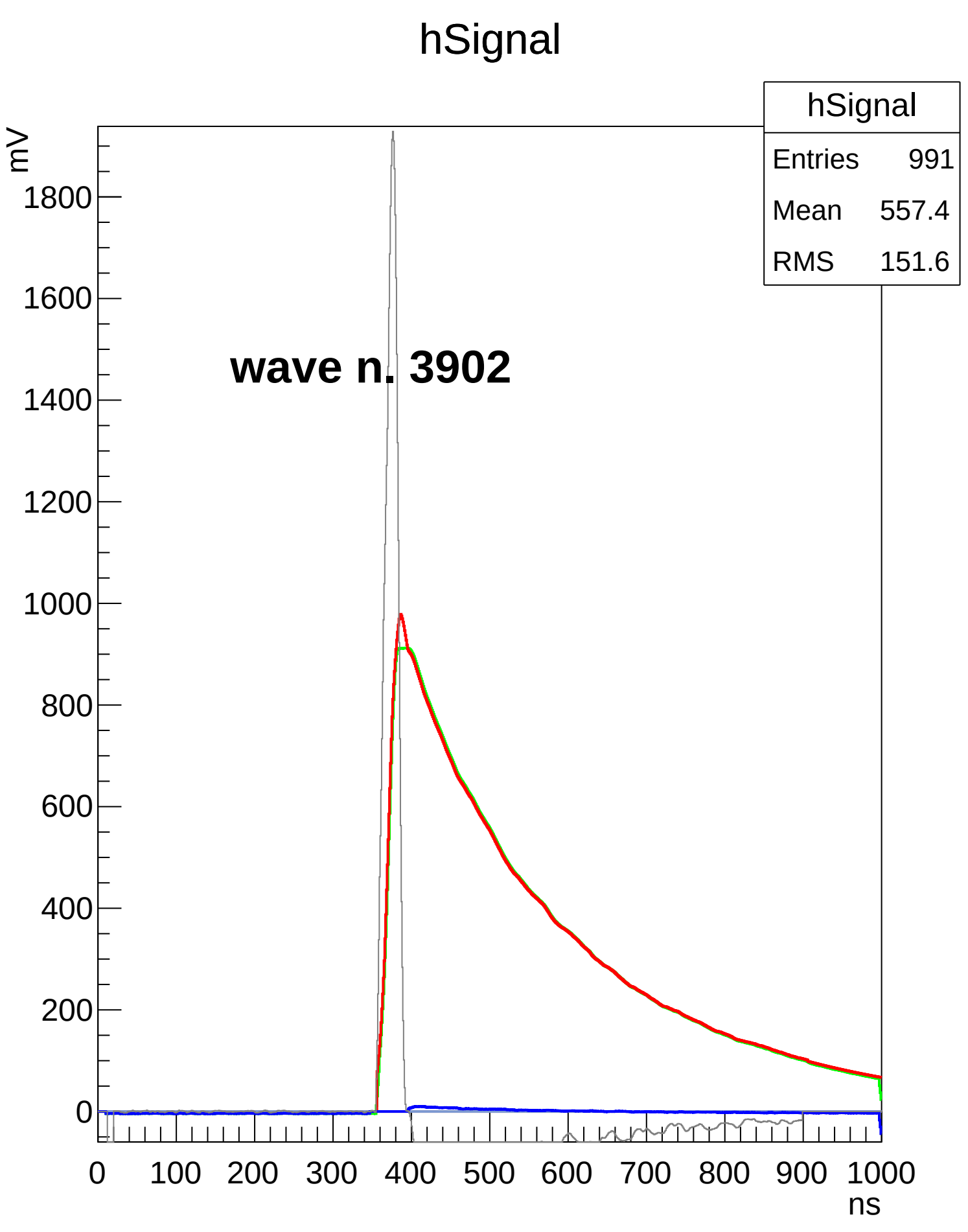
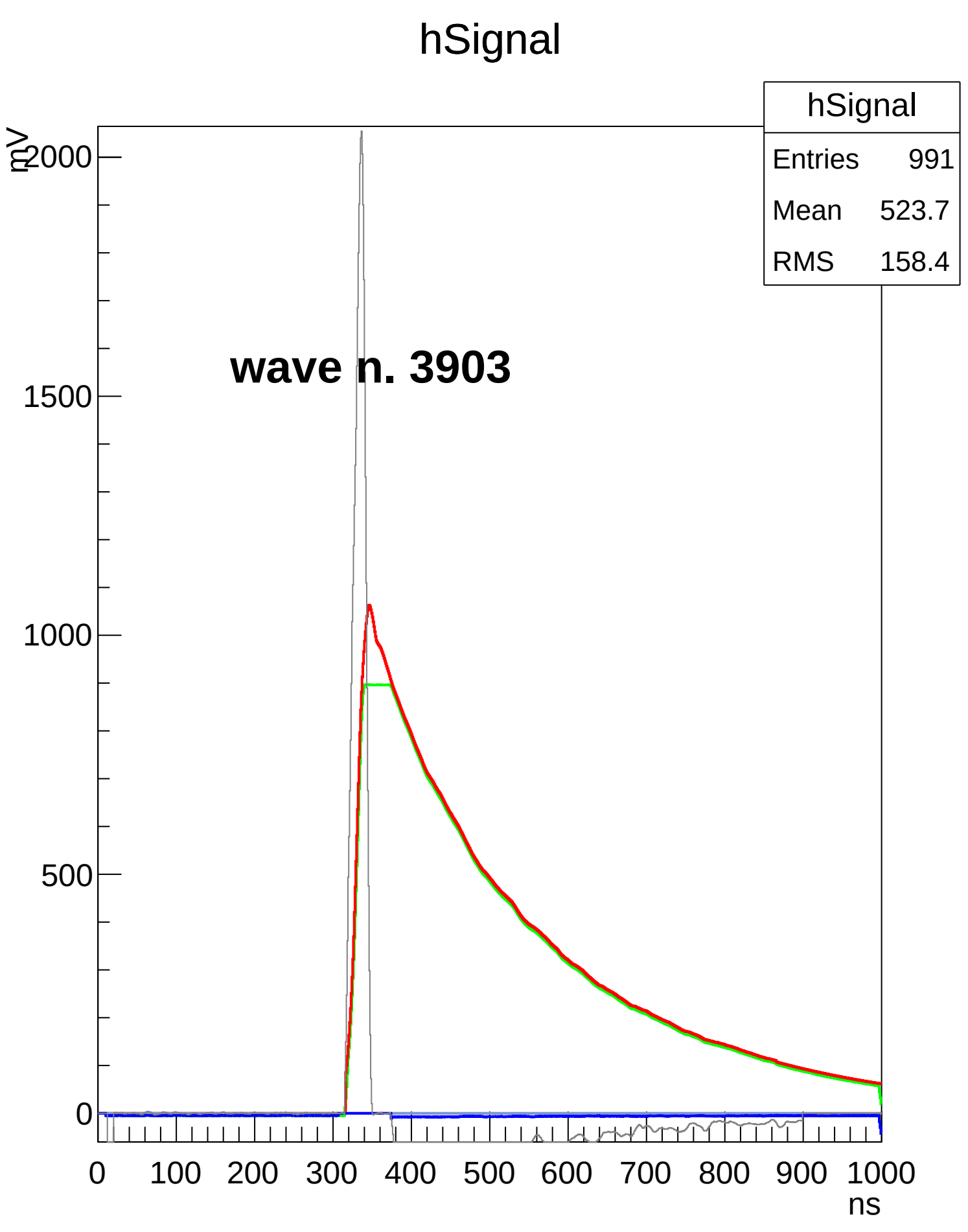
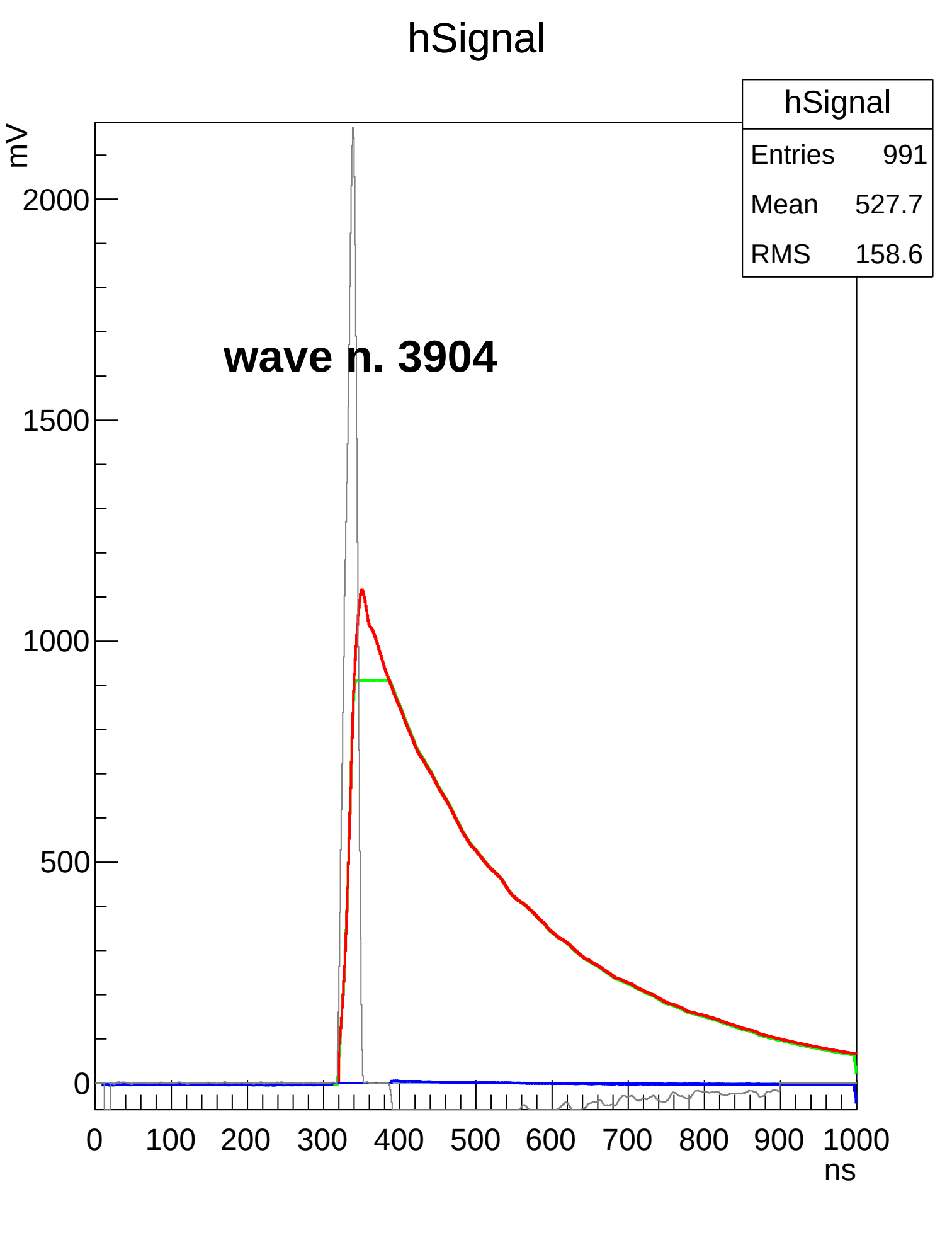
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 557.4
RMS 151.6
wave n. 3902
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 523.7
RMS 158.4
wave n. 3903
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 527.7
RMS 158.6
wave n. 3904
mV
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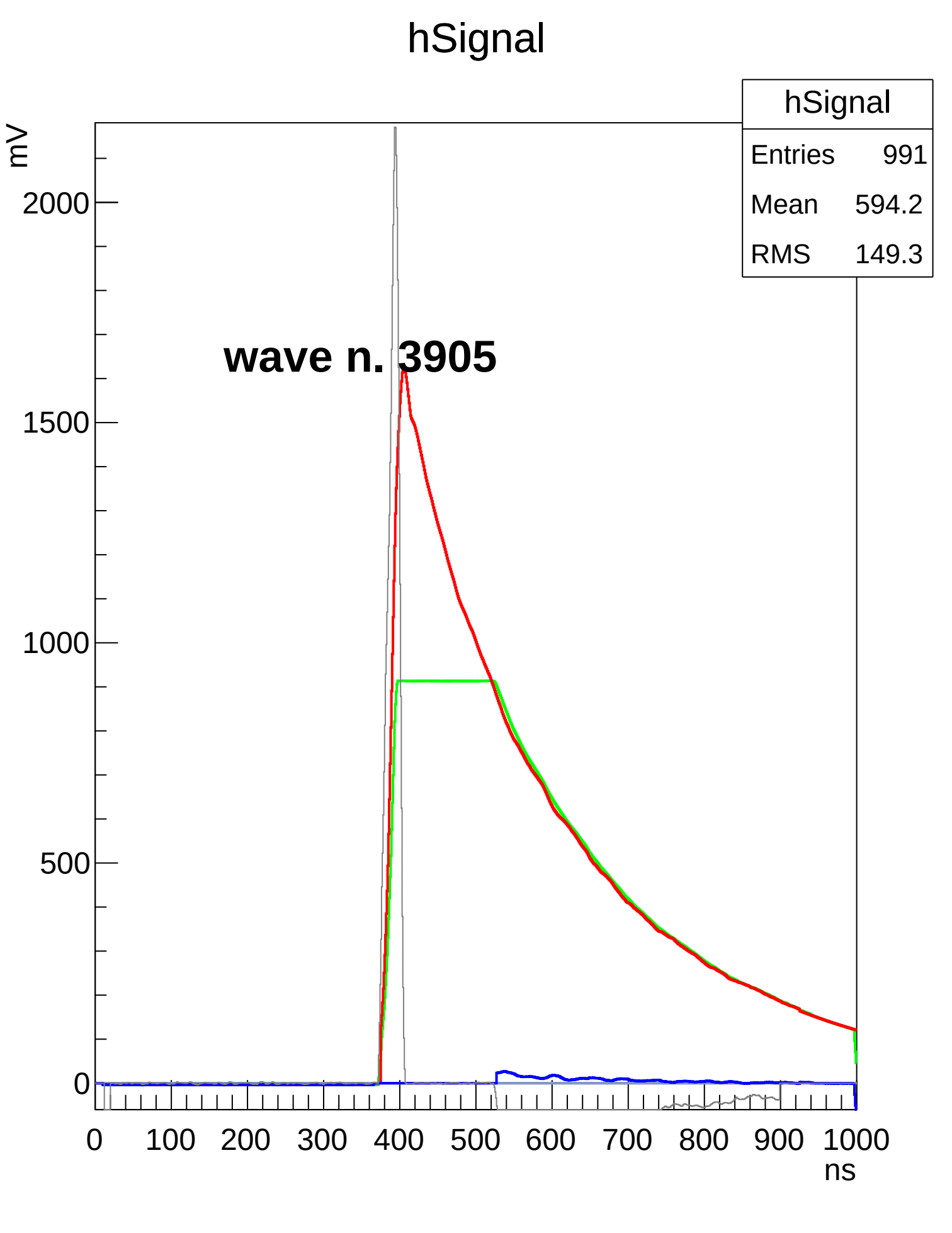
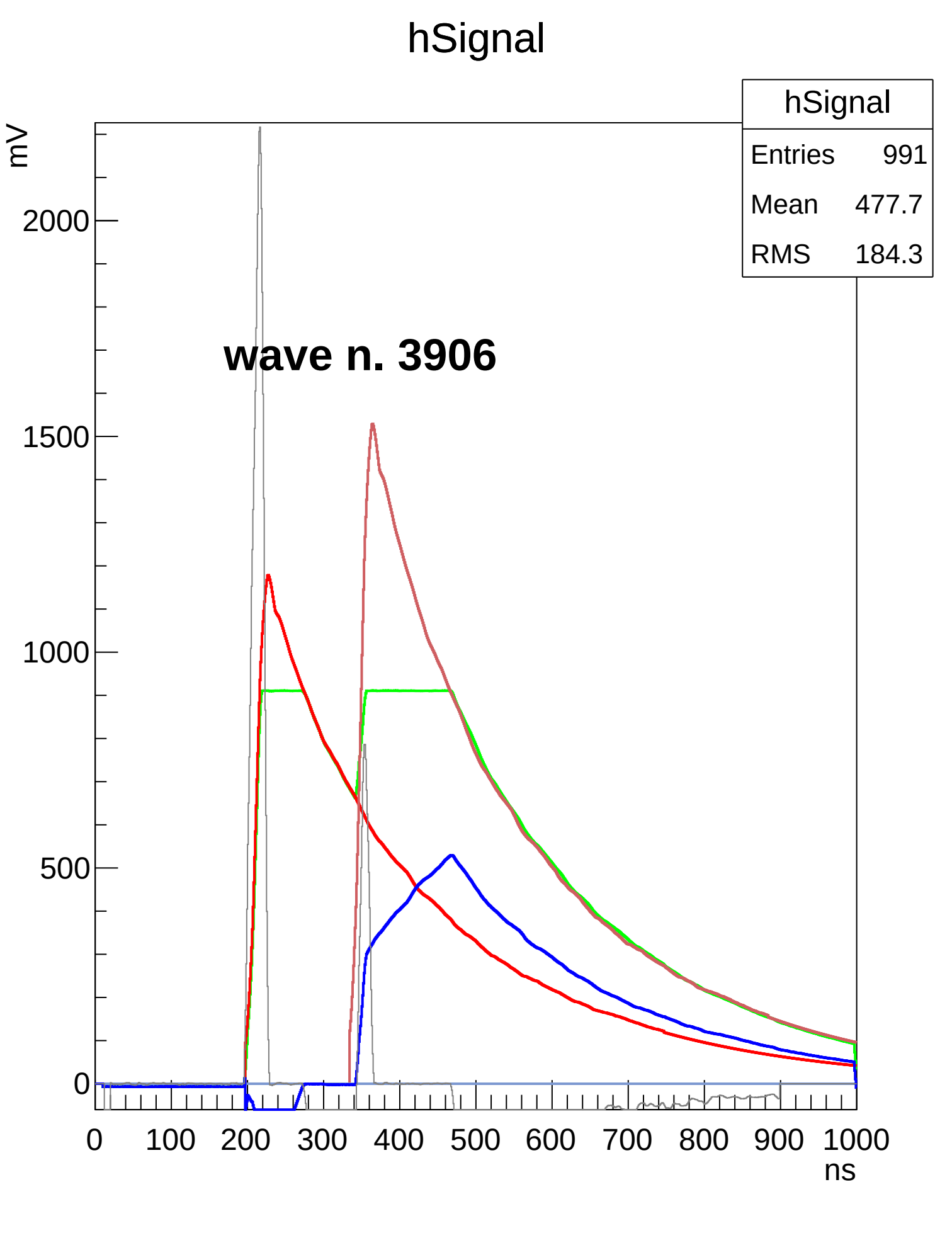
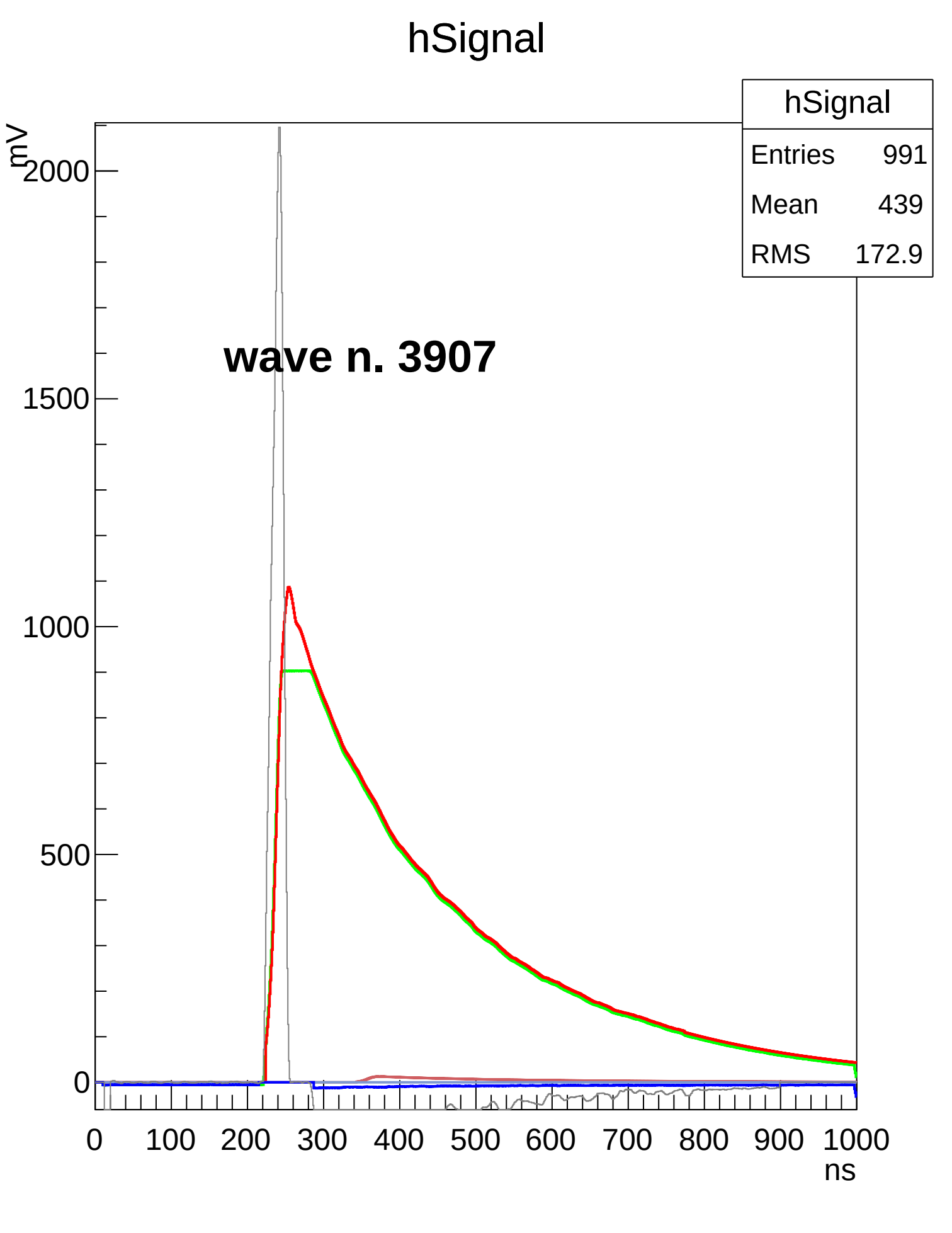
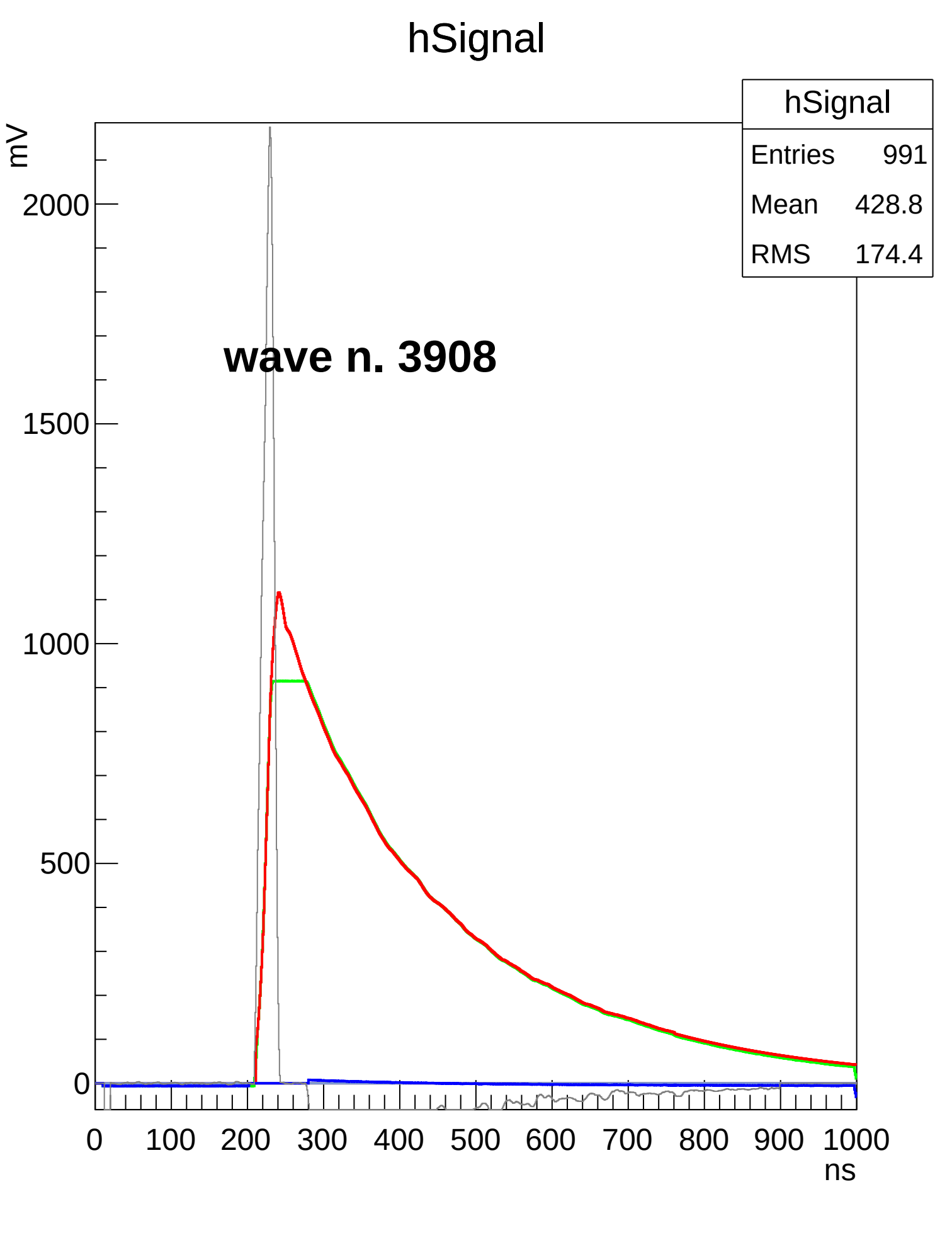
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 594.2
RMS 149.3
wave n. 3905
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 477.7
RMS 184.3
wave n. 3906
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 439
RMS 172.9
wave n. 3907
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 428.8
RMS 174.4
wave n. 3908
mV
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1500
1000
500
0
0
100
200
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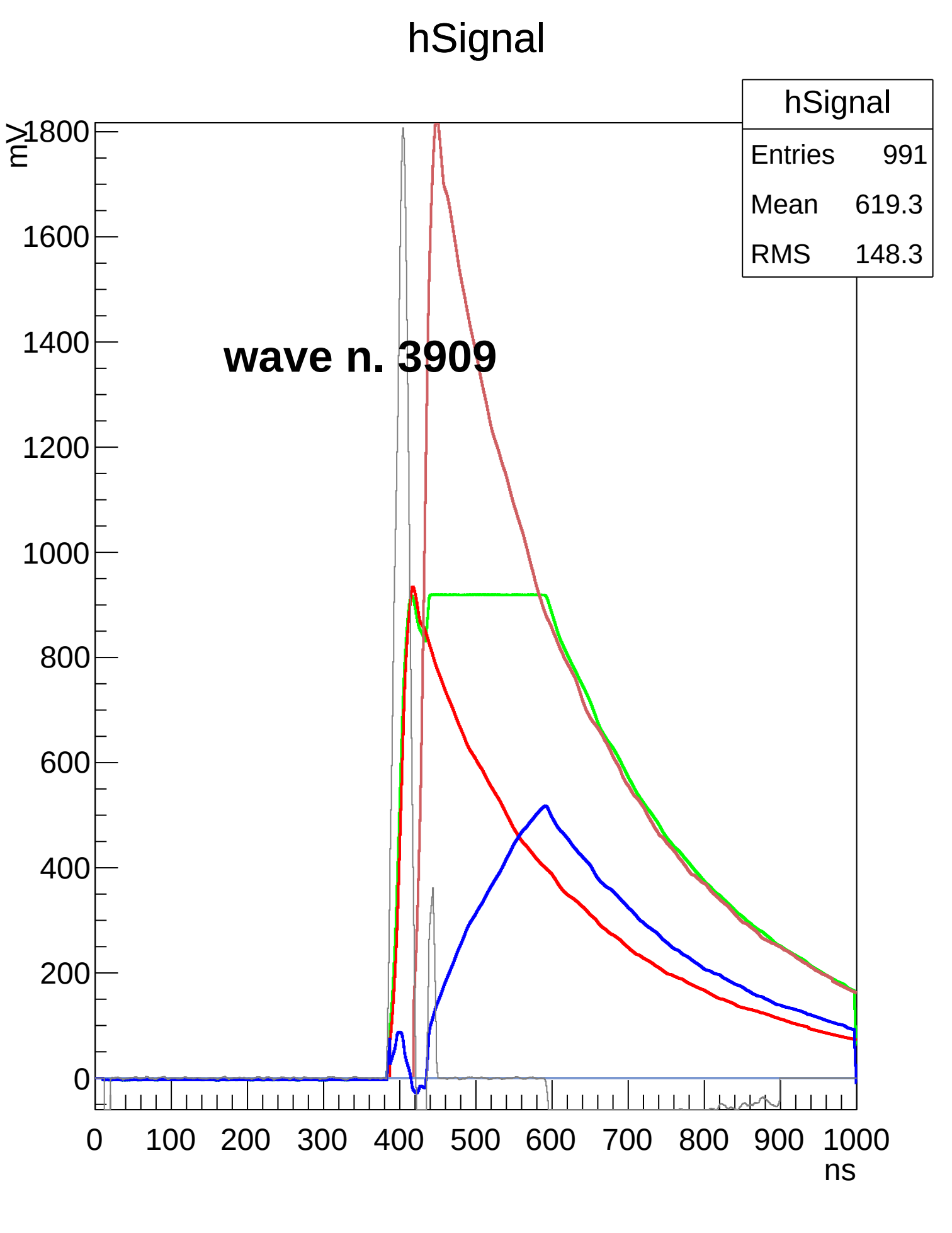
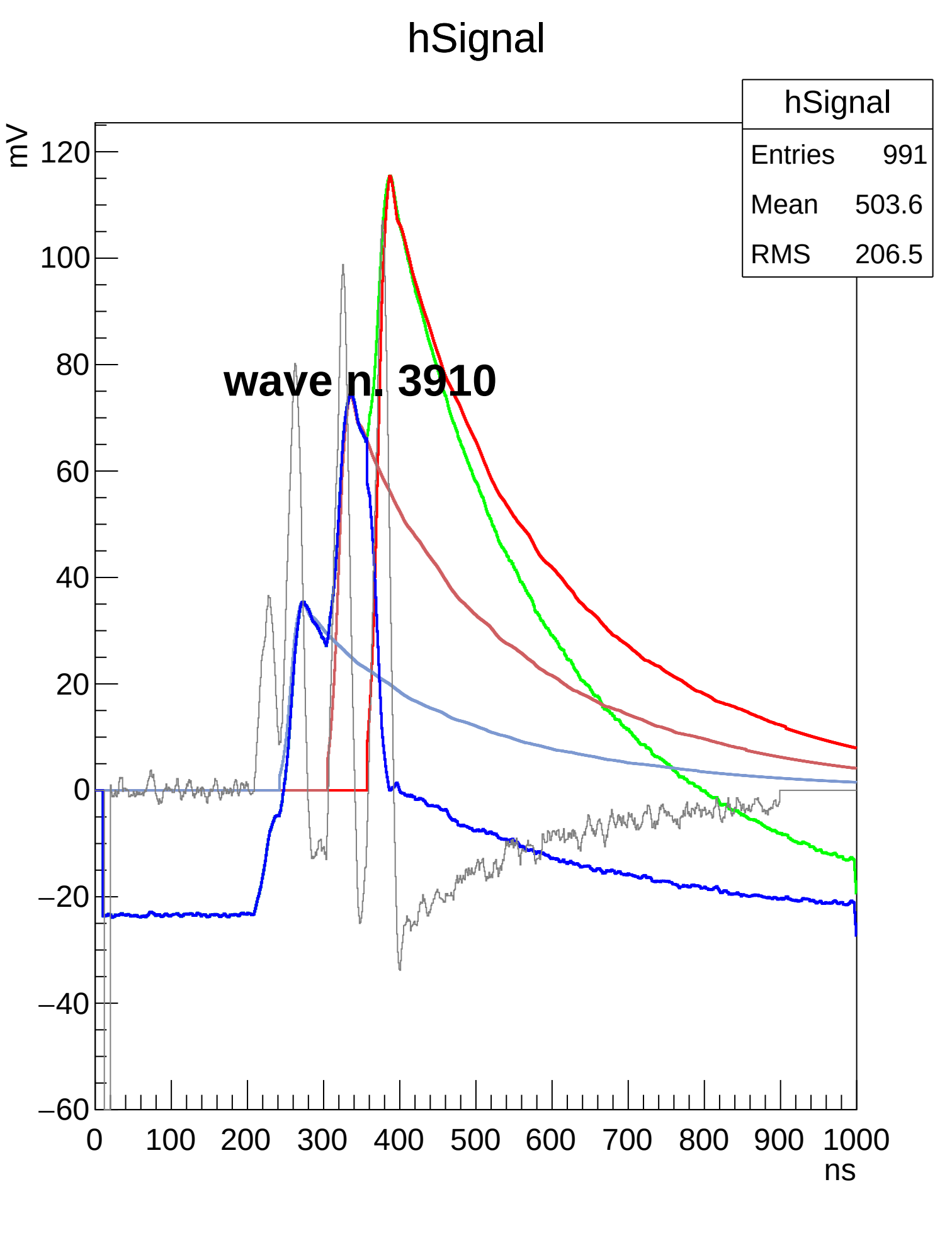
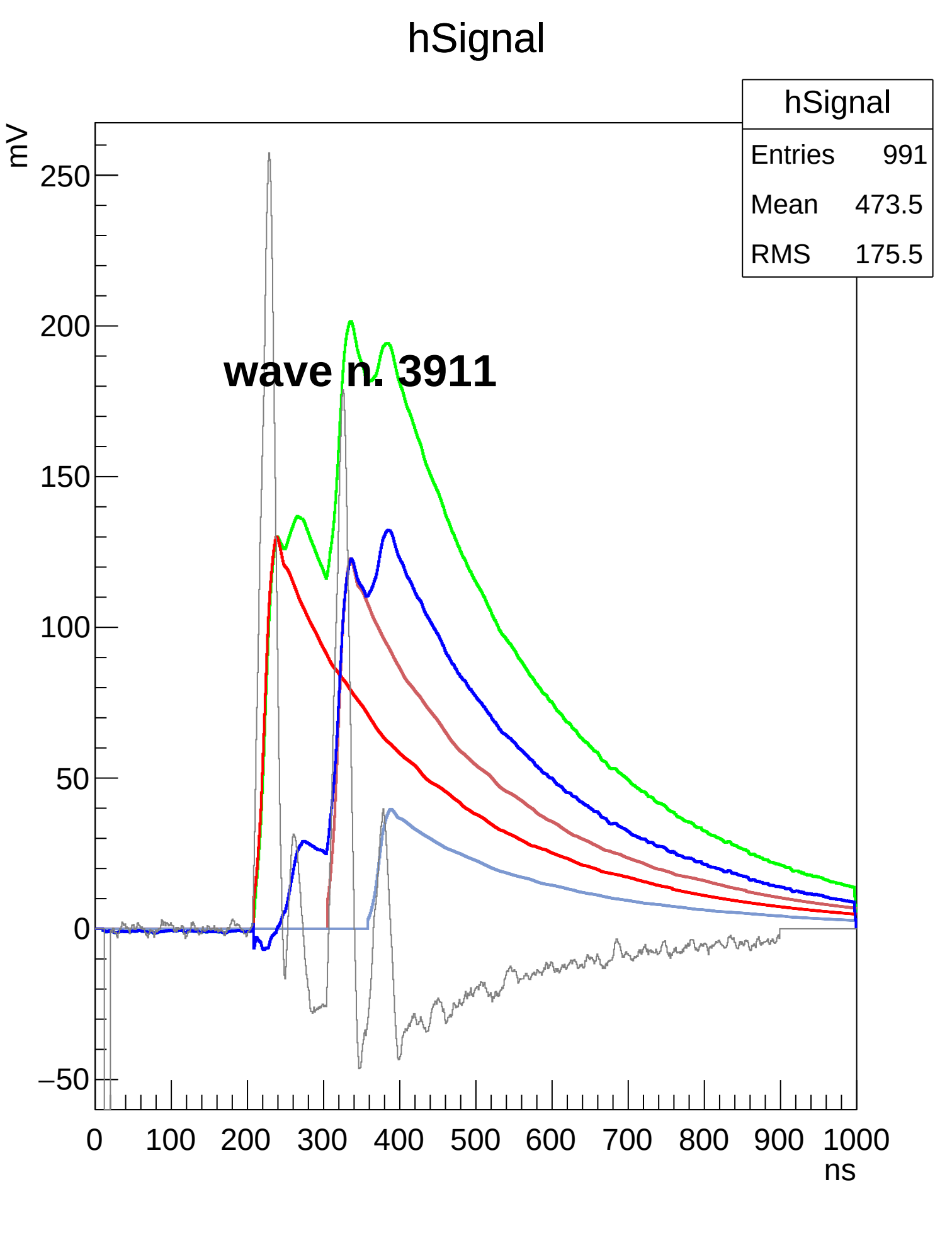
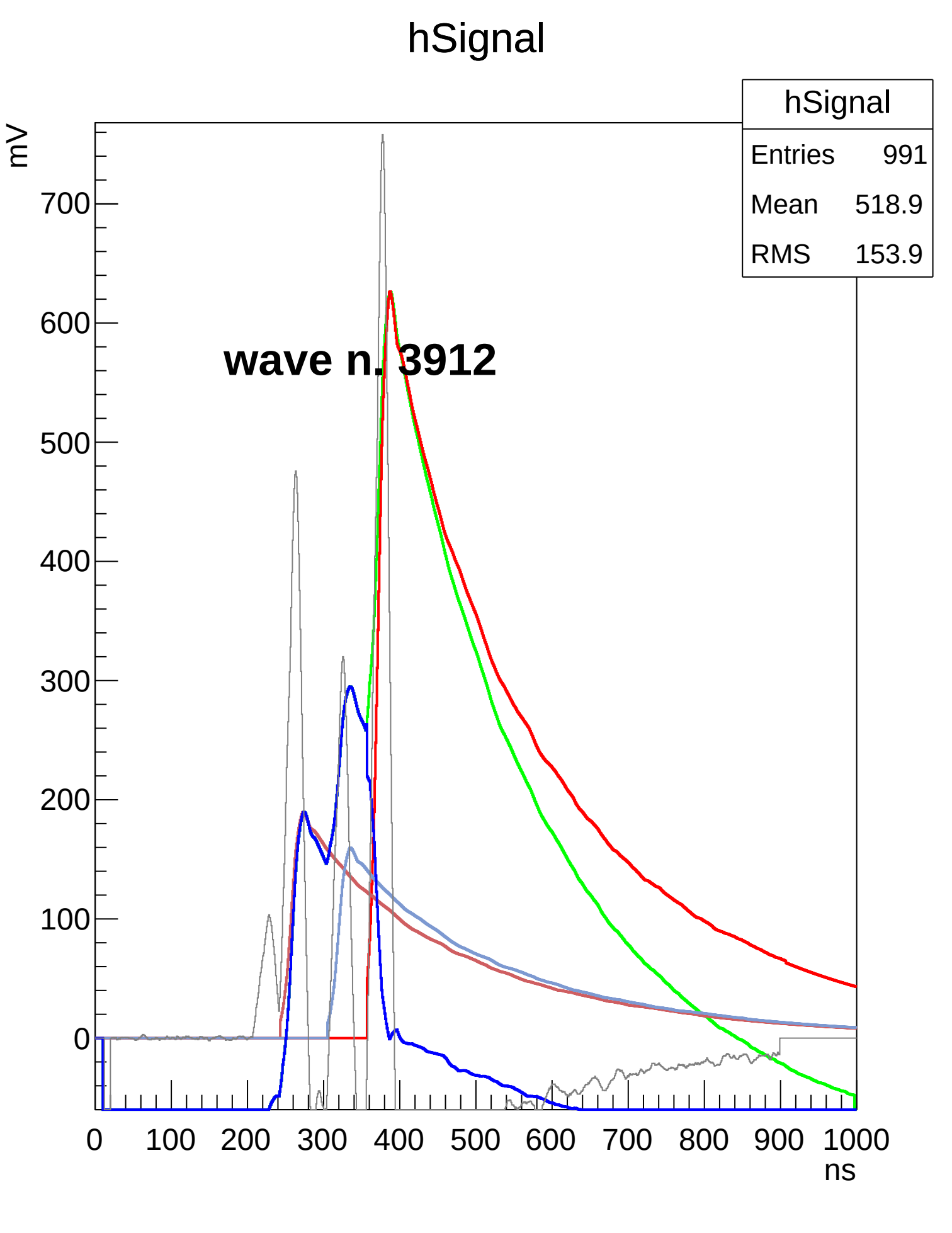
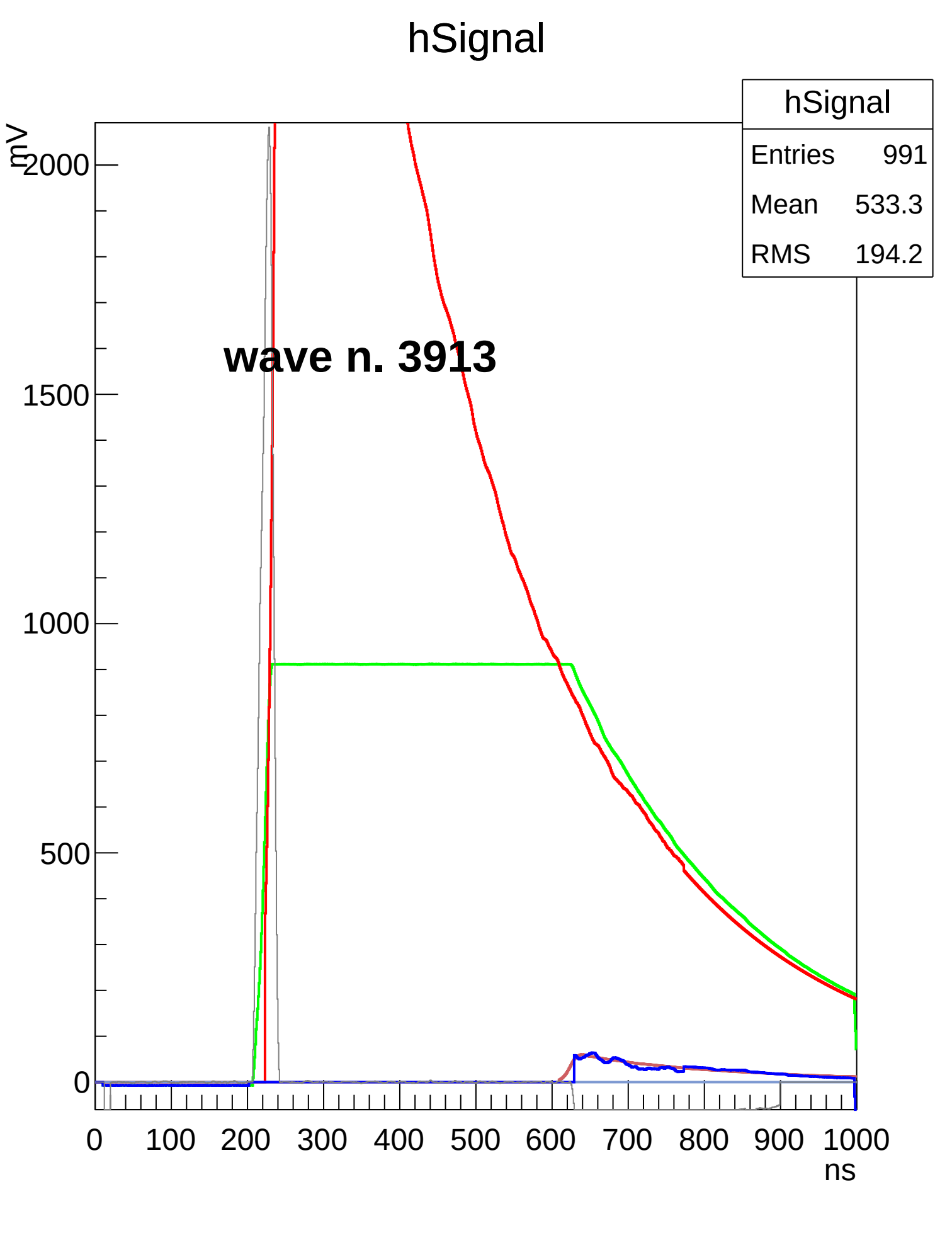
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 619.3
RMS 148.3
wave n. 3909
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.6
RMS 206.5
wave n. 3910
mV
120
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 473.5
RMS 175.5
wave n. 3911
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.9
RMS 153.9
wave n. 3912
mV
700
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
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Mean 533.3
RMS 194.2
wave n. 3913
mV
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1000
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200
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400
500
600
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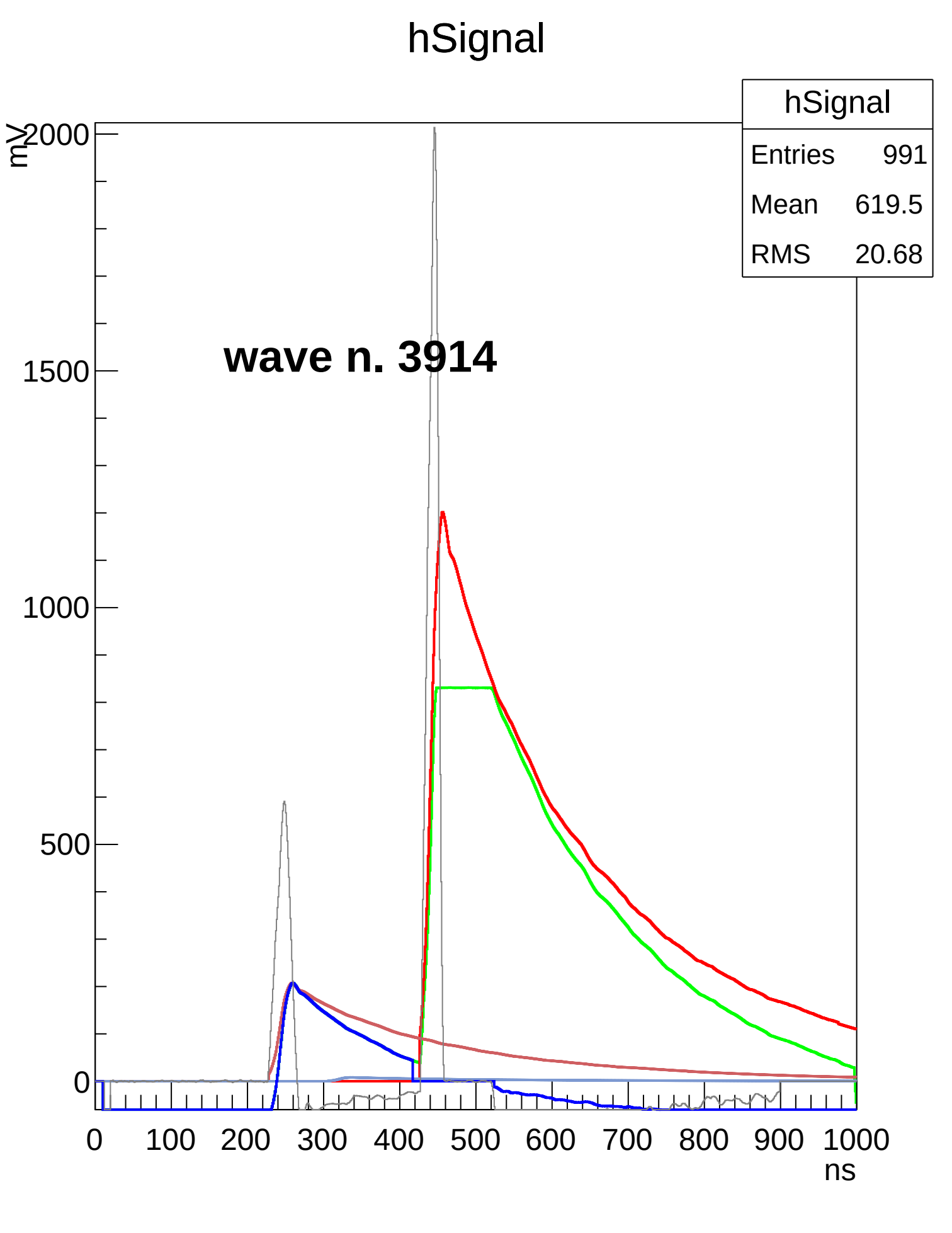
800
900
1000
ns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Mean 619.5
RMS 20.68
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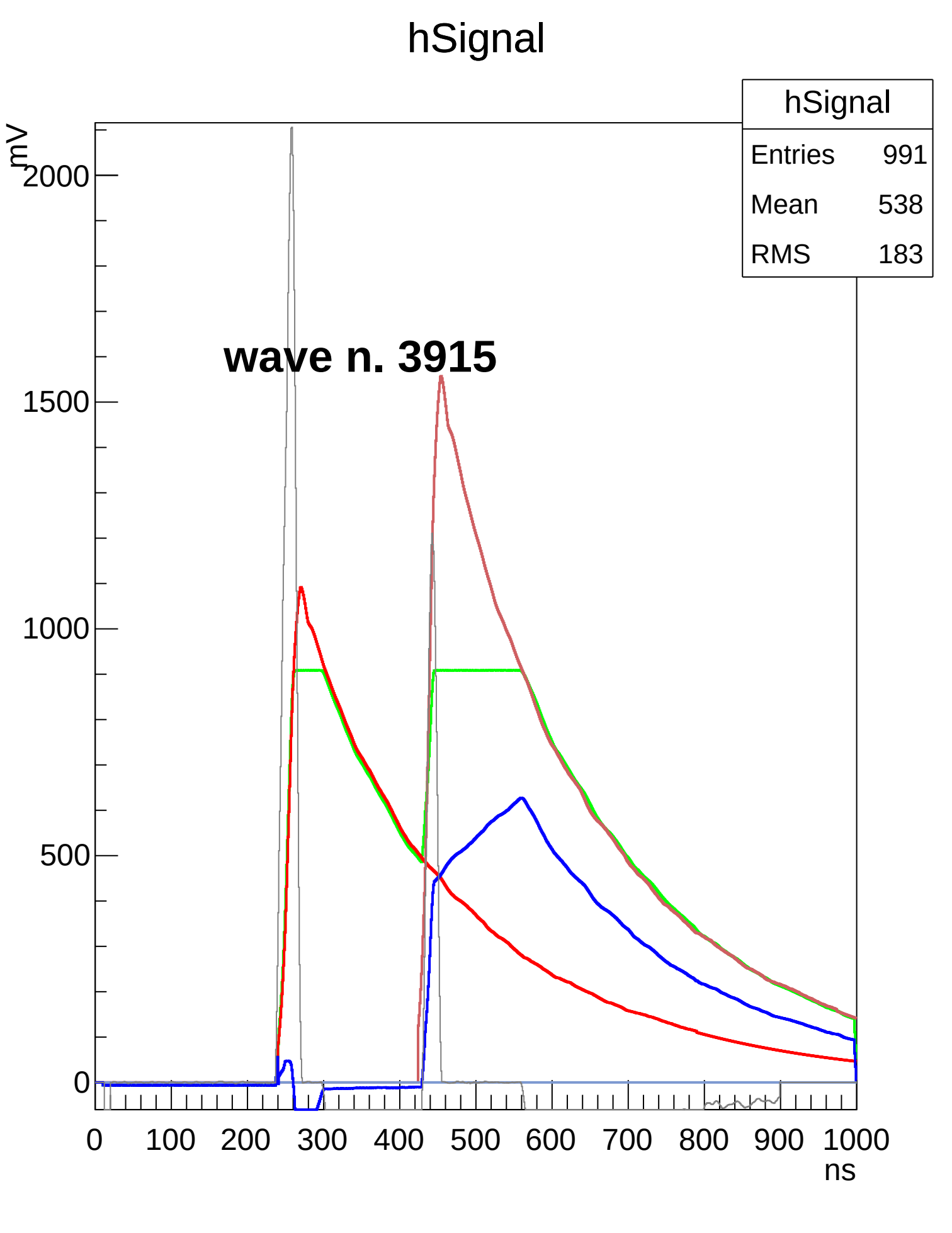
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Mean 538
RMS 183
wave n. 3915
mV
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1000
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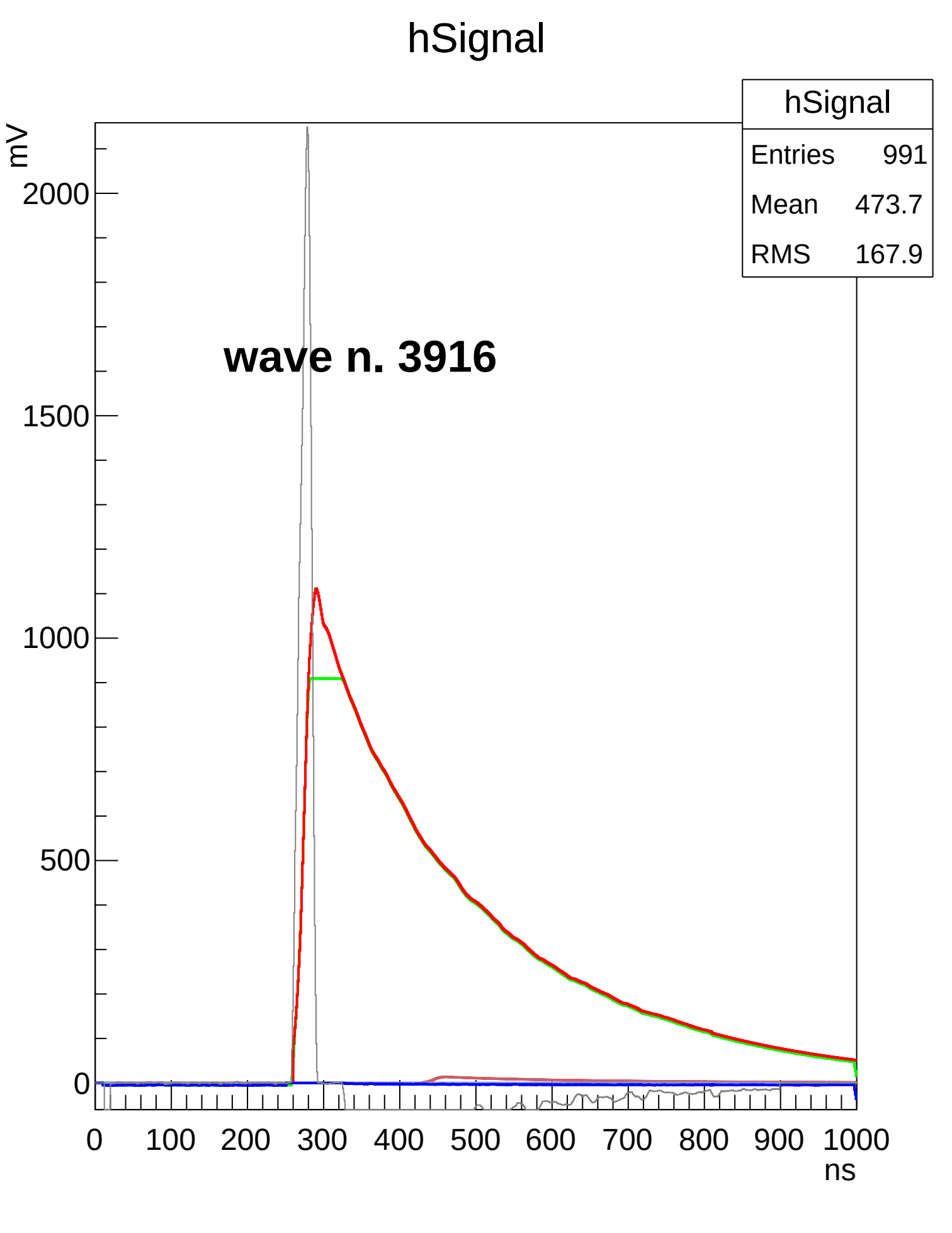
ns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Entries 991
Mean 473.7
RMS 167.9
wave n. 3916
mV
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0
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400
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800
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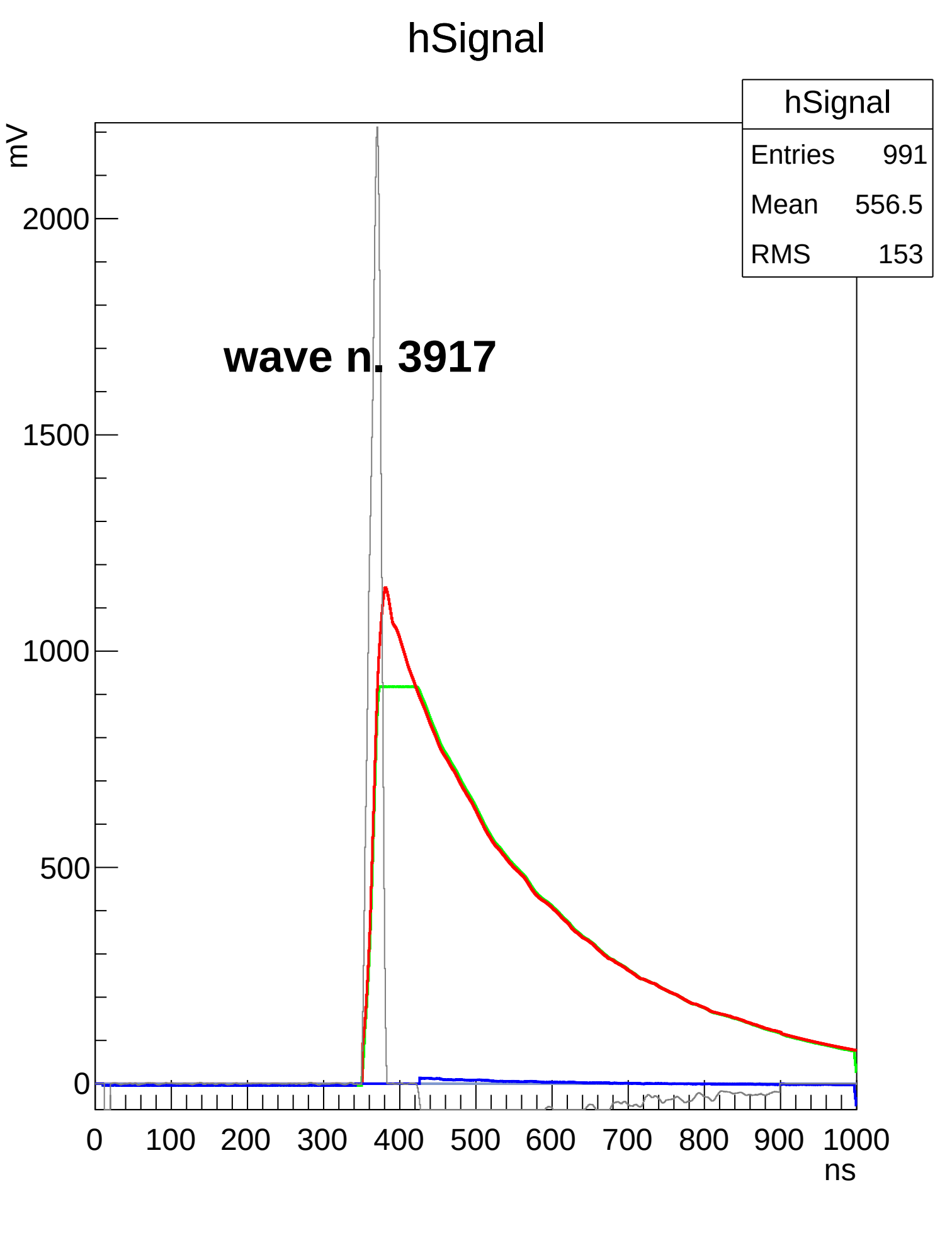
1000
ns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hSignal
Entries 991
Mean 556.5
RMS 153
wave n. 3917
mV
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1500
1000
500
0
0
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400
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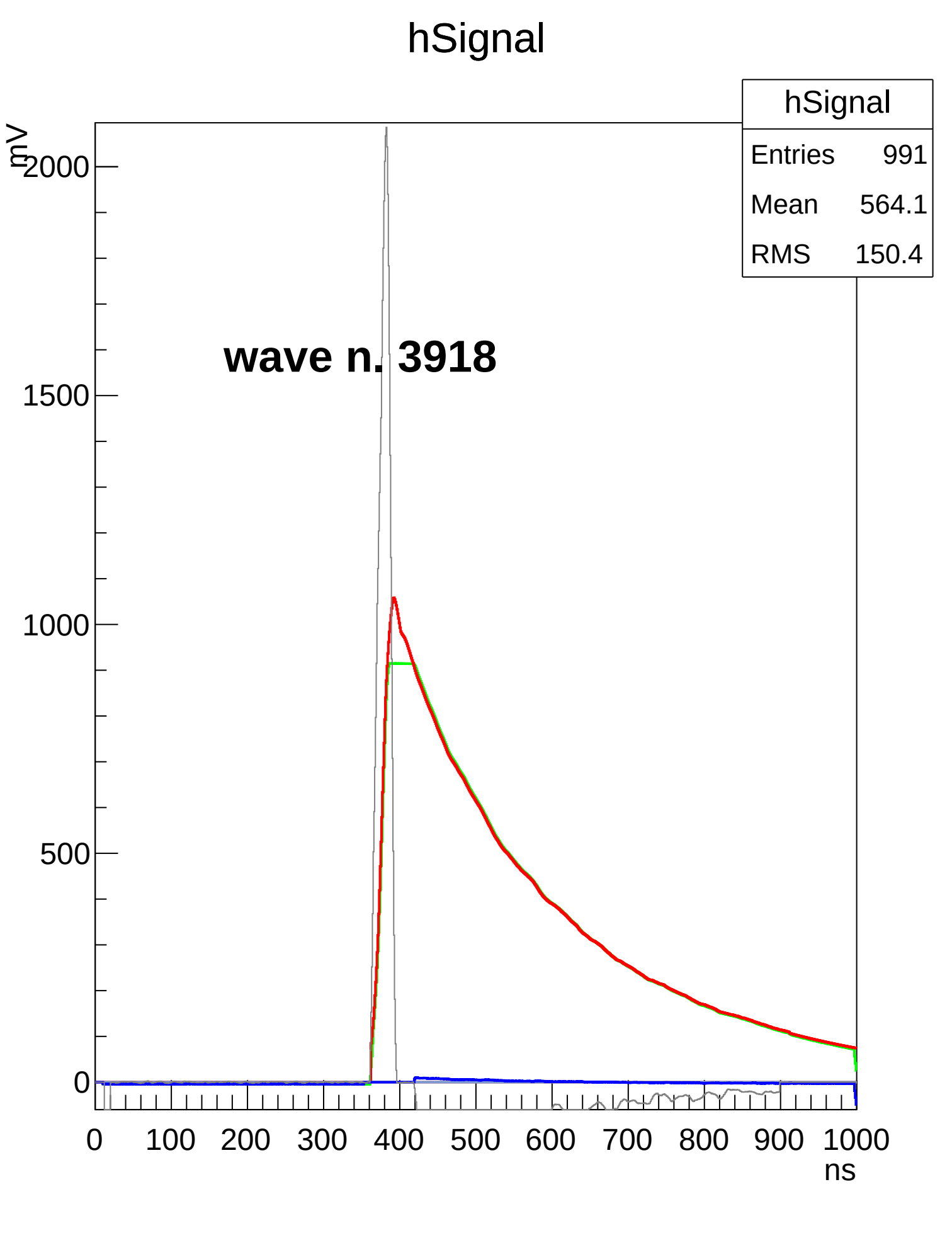
800
900
1000
ns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Mean 564.1
RMS 150.4
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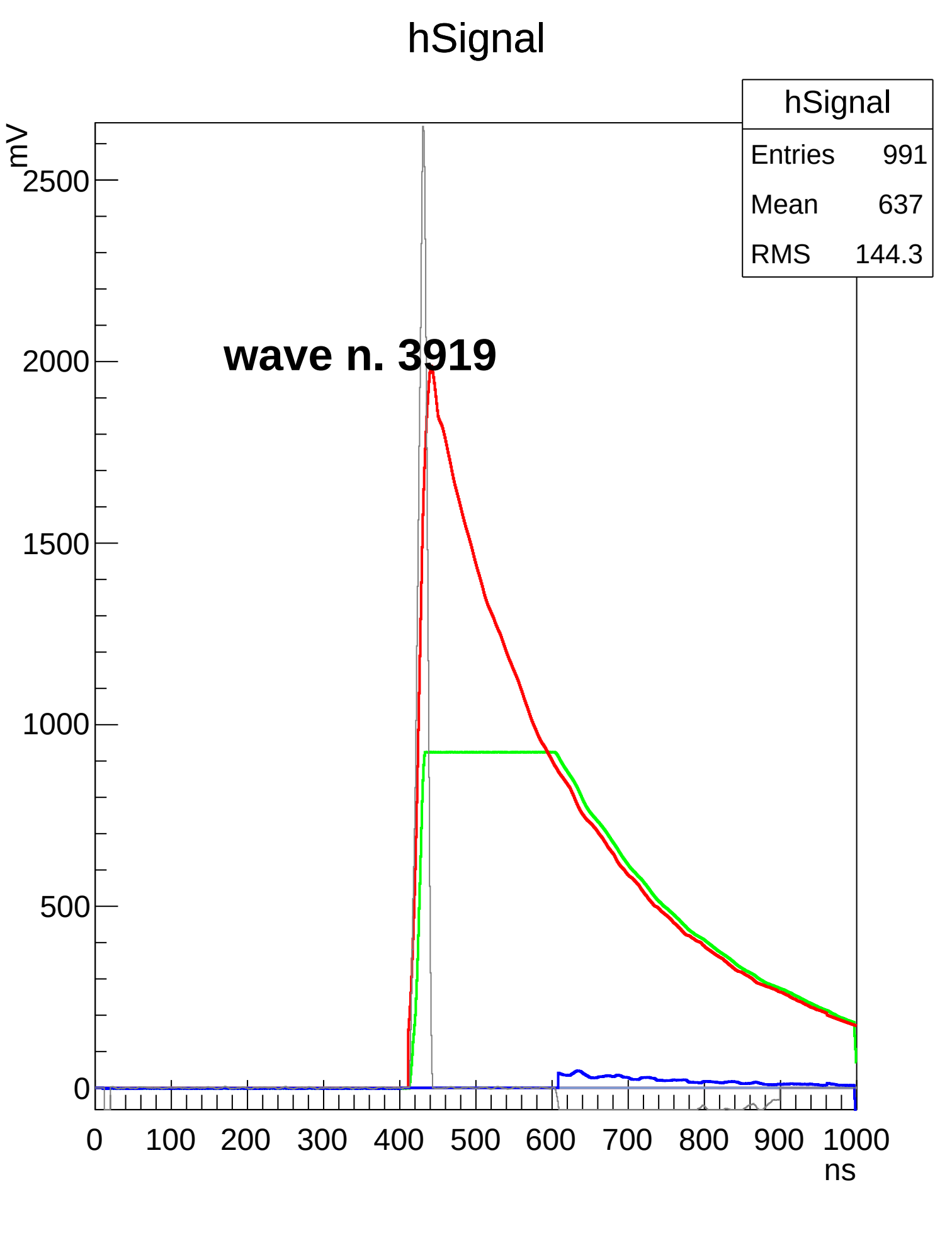
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hSignal
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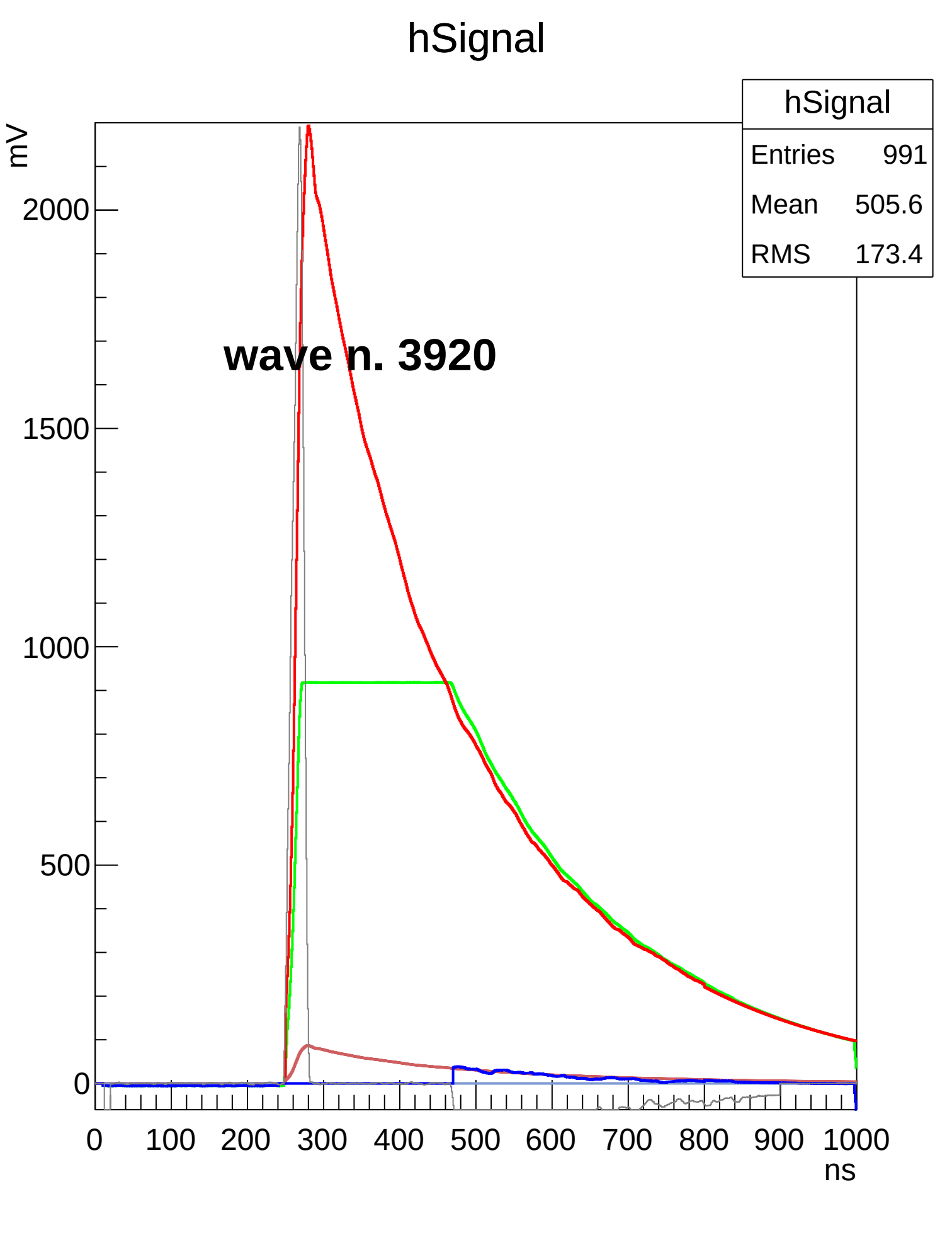
Mean 637
RMS 144.3
wave n. 3919
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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Entries 991
Mean 505.6
RMS 173.4
wave n. 3920
mV
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0
100
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1000
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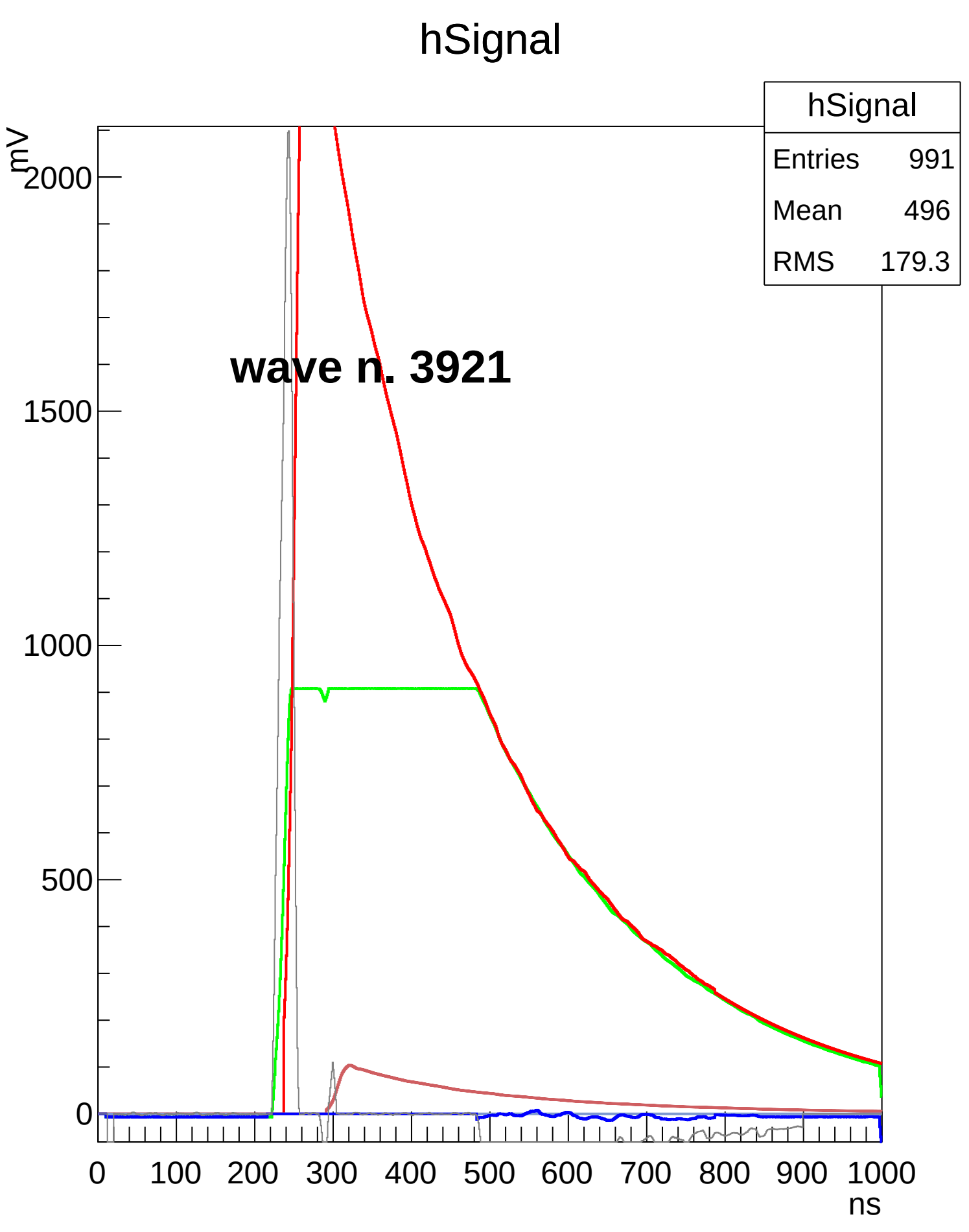
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Mean 496
RMS 179.3
wave n. 3921
mV
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1500
1000
500
0
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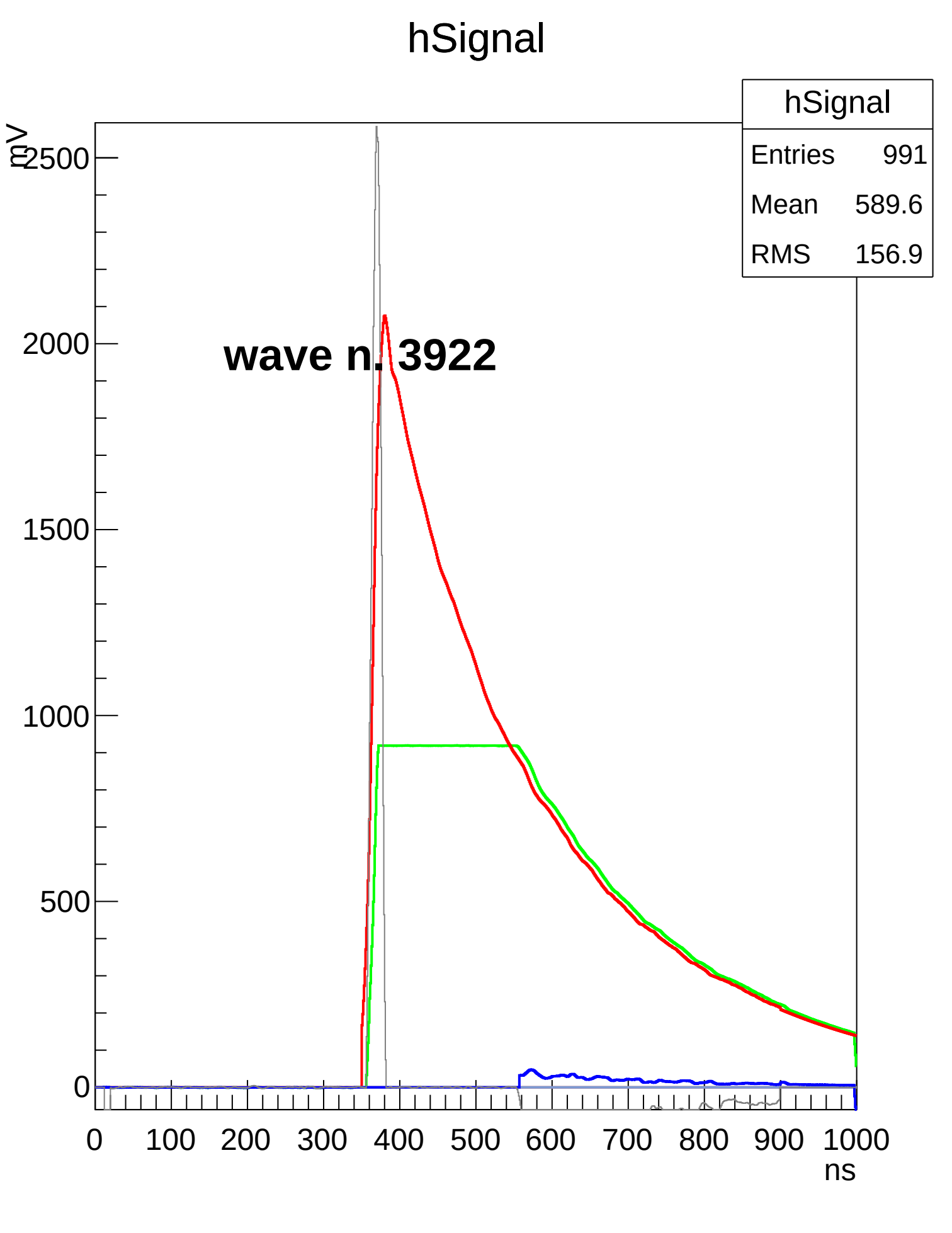
ns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hSignal
Entries 991
Mean 589.6
RMS 156.9
wave n. 3922
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
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800
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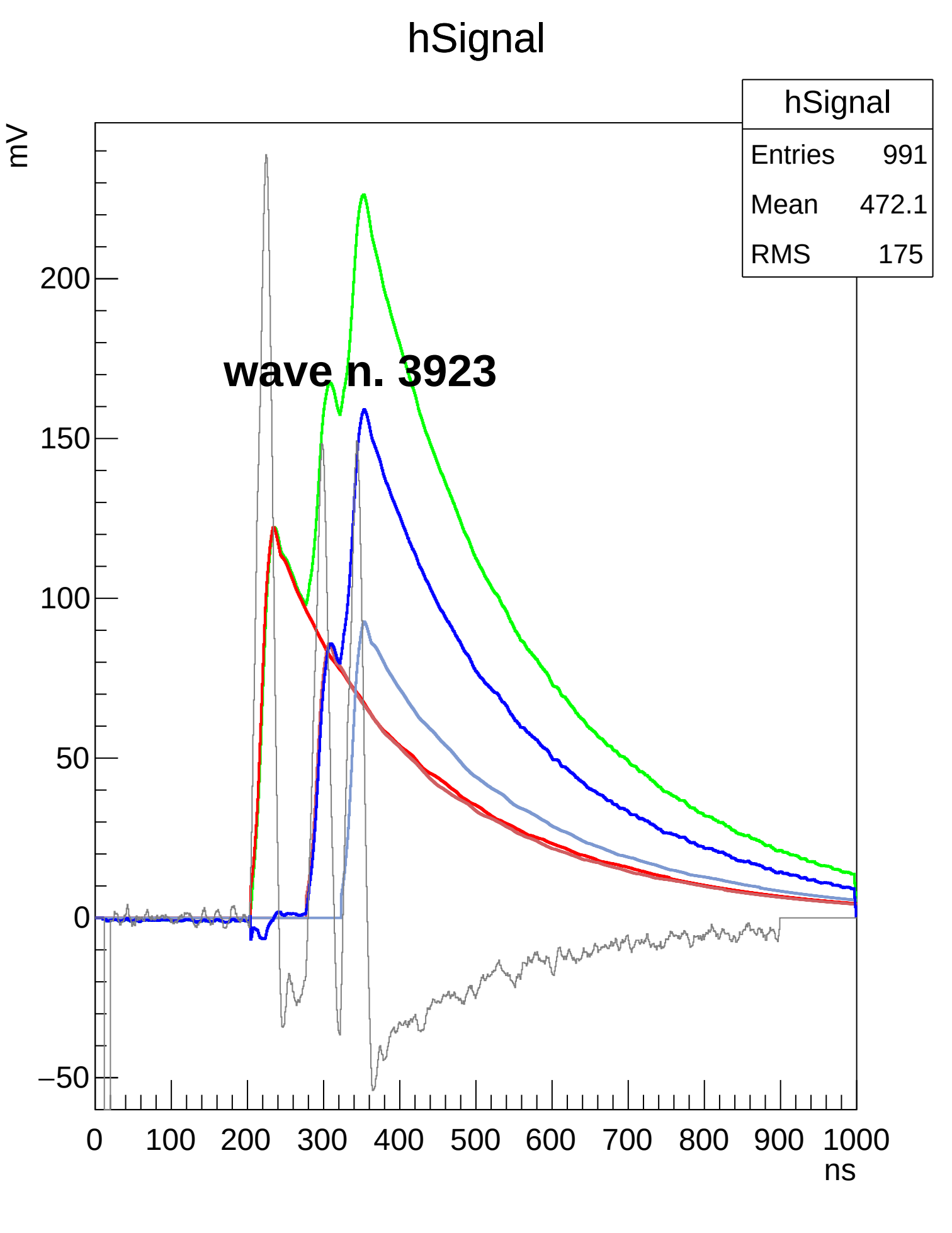
1000
ns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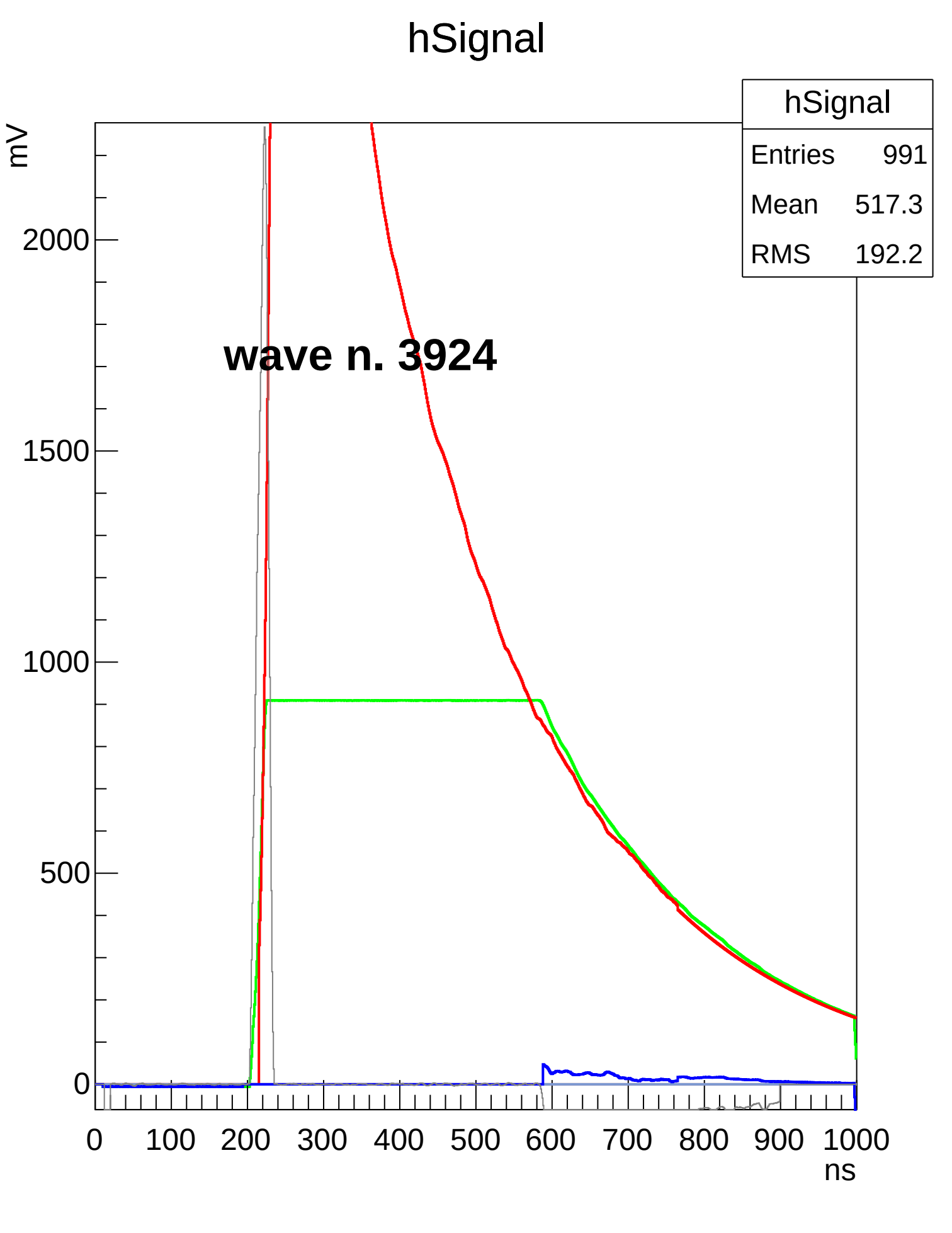
hSignal
Entries 991
Mean 472.1
RMS 175
wave n. 3923
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 517.3
RMS 192.2
wave n. 3924
mV
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1500
1000
500
0
0
100
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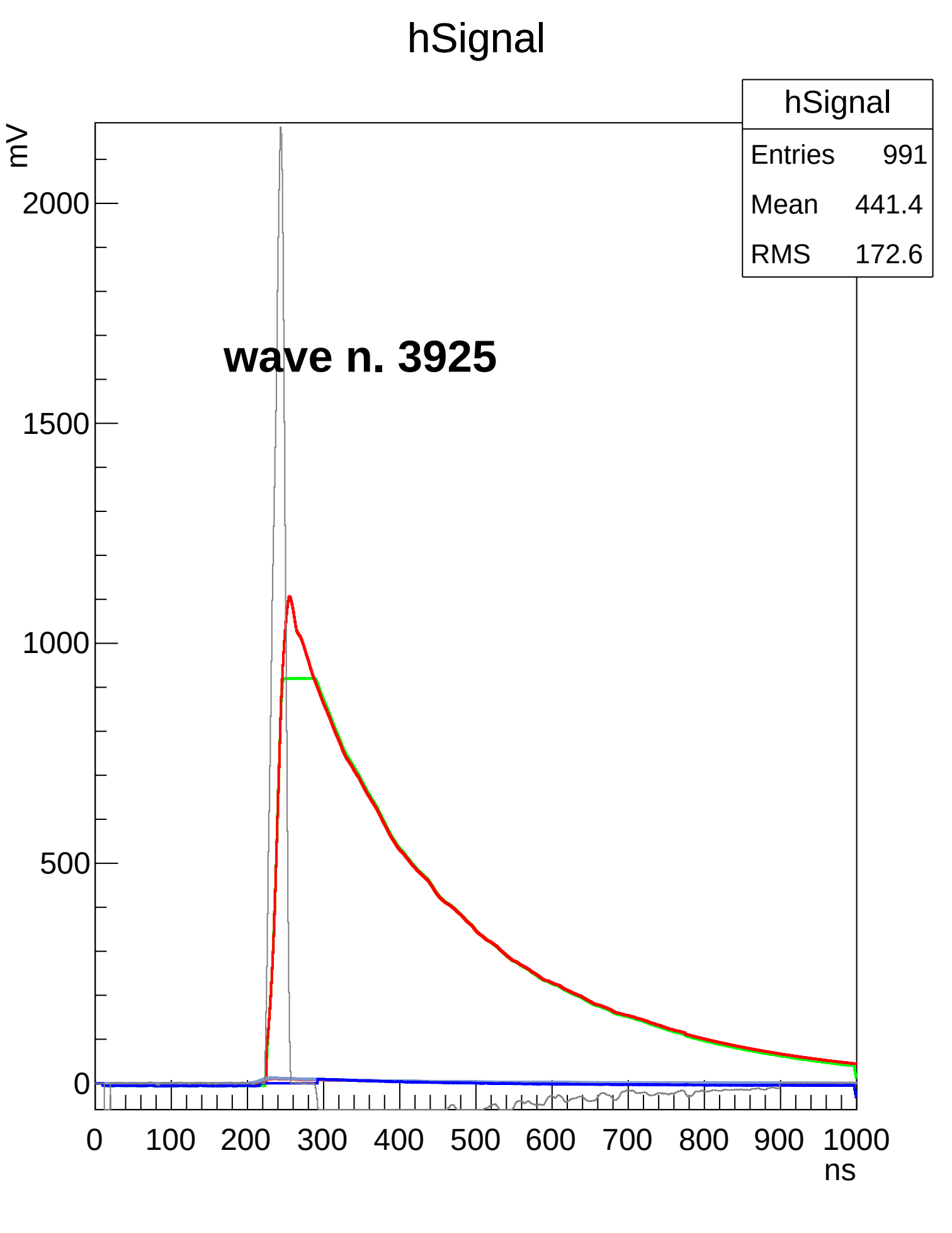
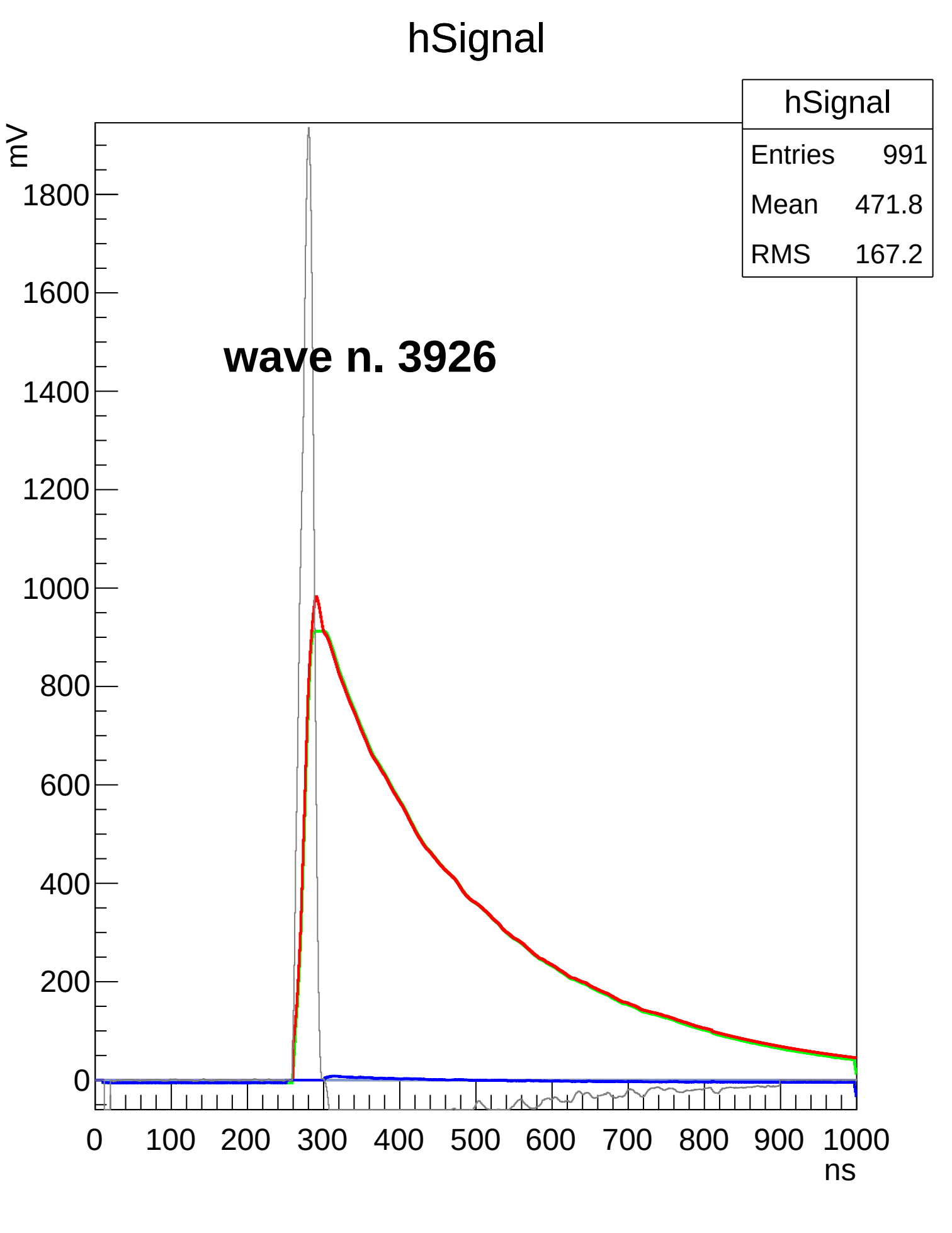
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 441.4
RMS 172.6
wave n. 3925
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 471.8
RMS 167.2
wave n. 3926
mV
1800
1600
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600
400
200
0
0
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200
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400
500
600
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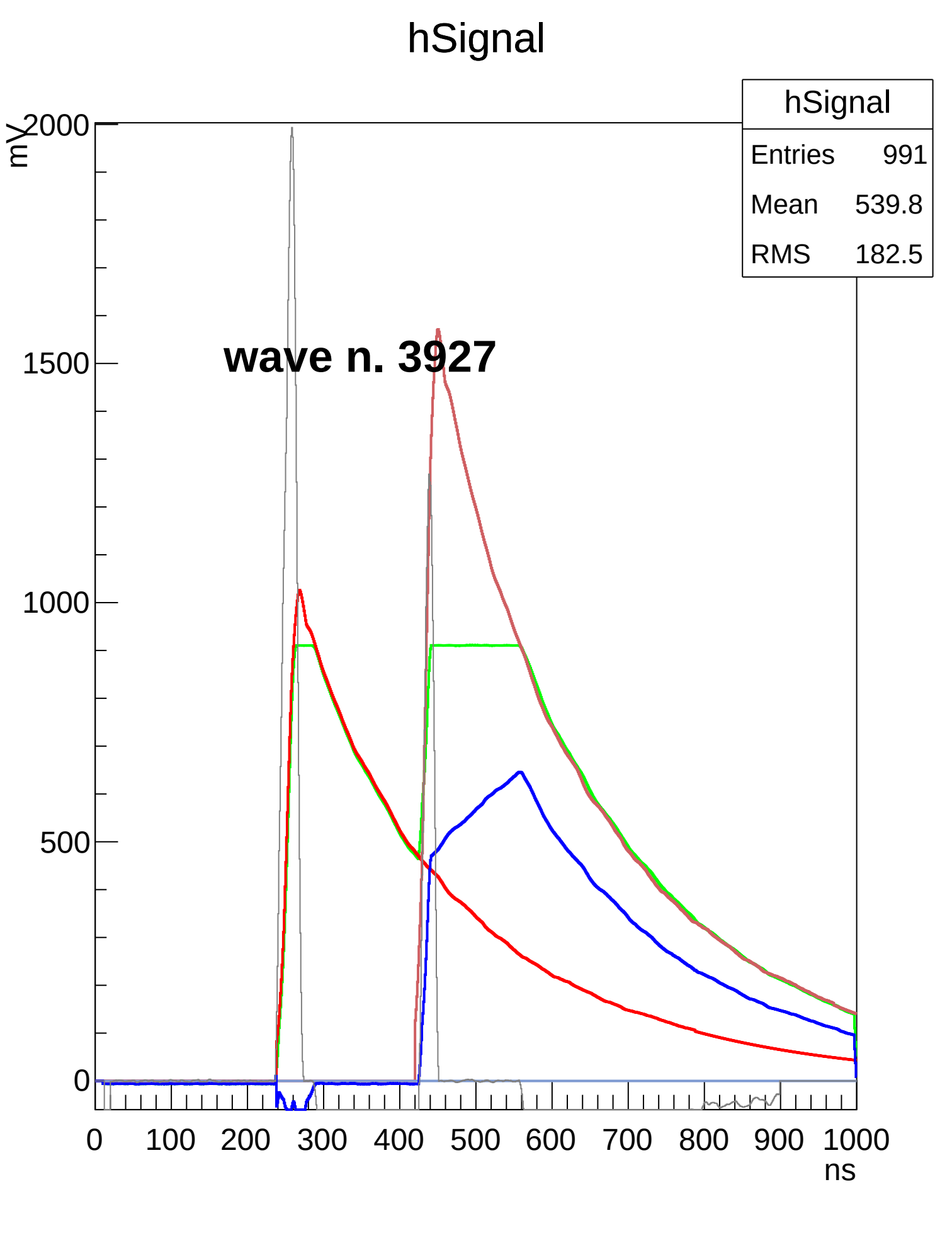
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.8
RMS 182.5
wave n. 3927
mV
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1500
1000
500
0
0
100
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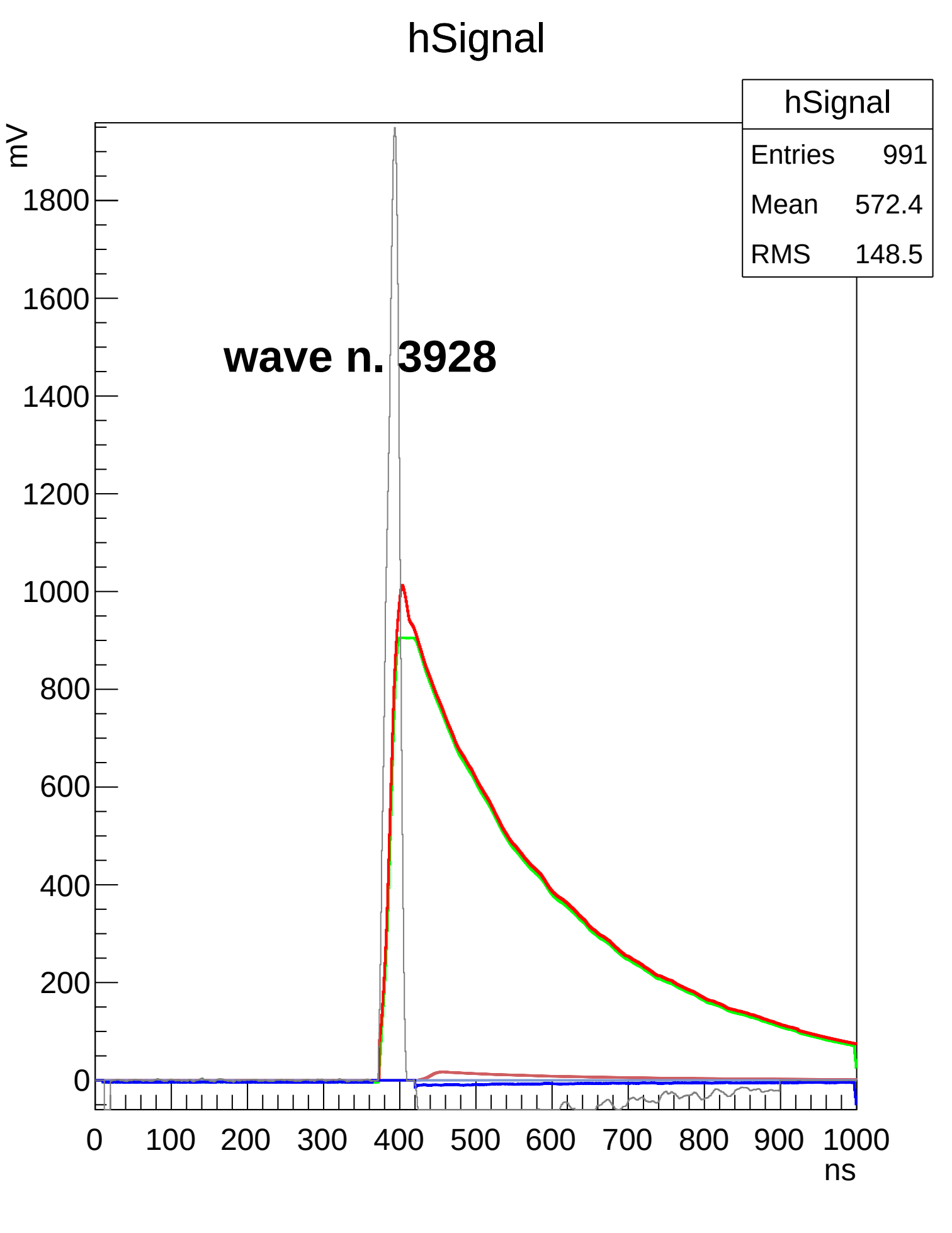
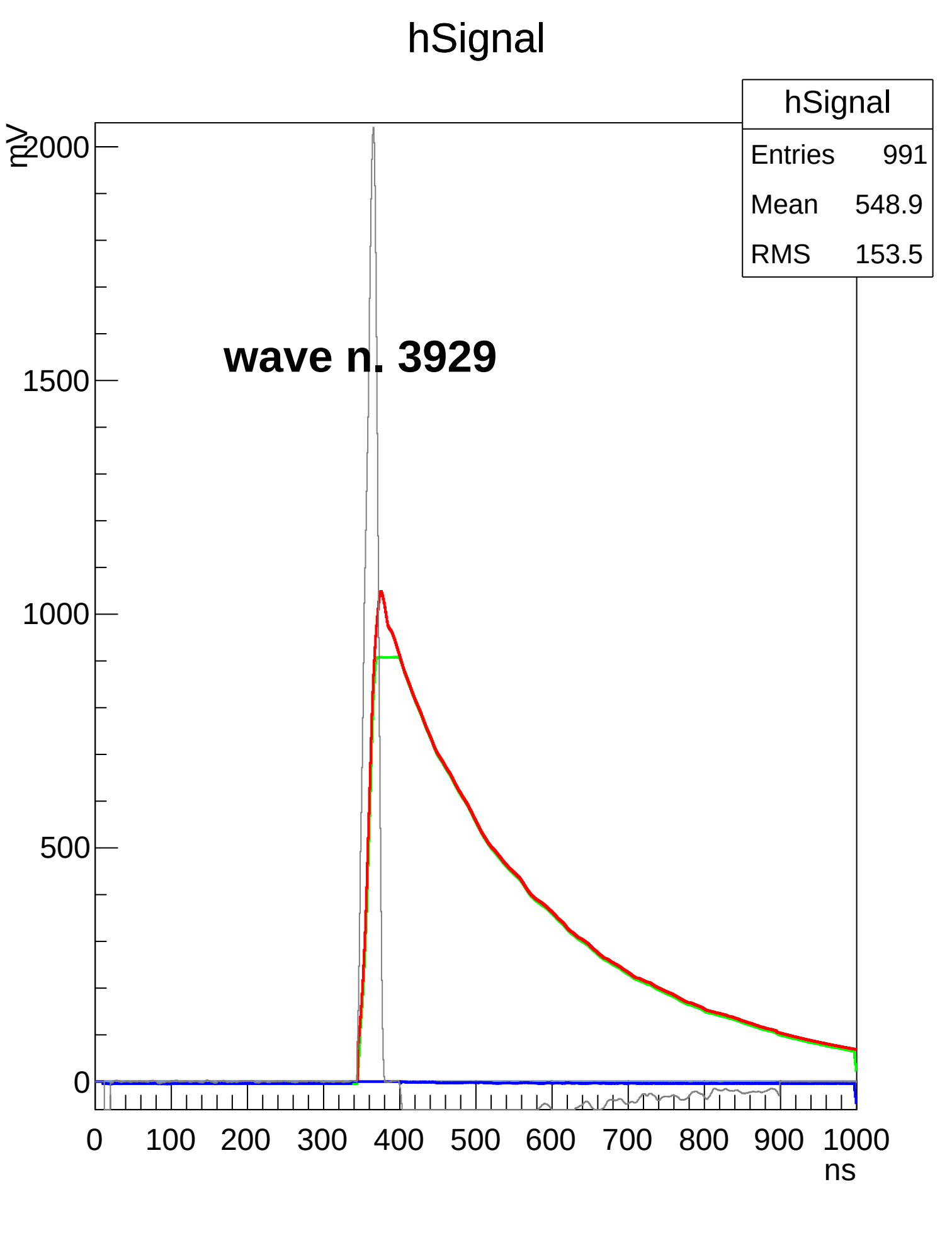
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 572.4
RMS 148.5
wave n. 3928
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 548.9
RMS 153.5
wave n. 3929
mV
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1500
1000
500
0
0
100
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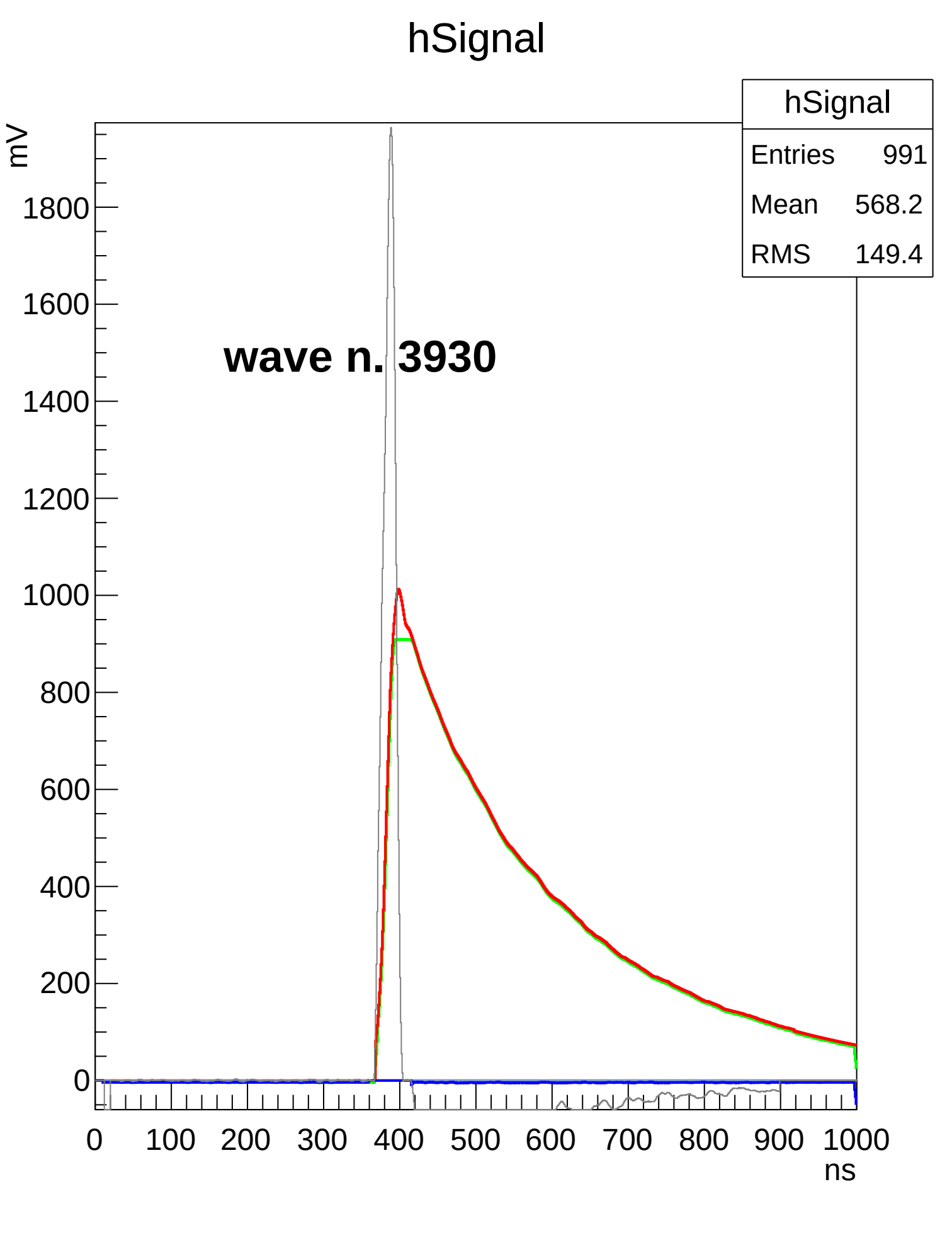
800
900
1000
ns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hSignal
Entries 991
Mean 568.2
RMS 149.4
wave n. 3930
mV
1800
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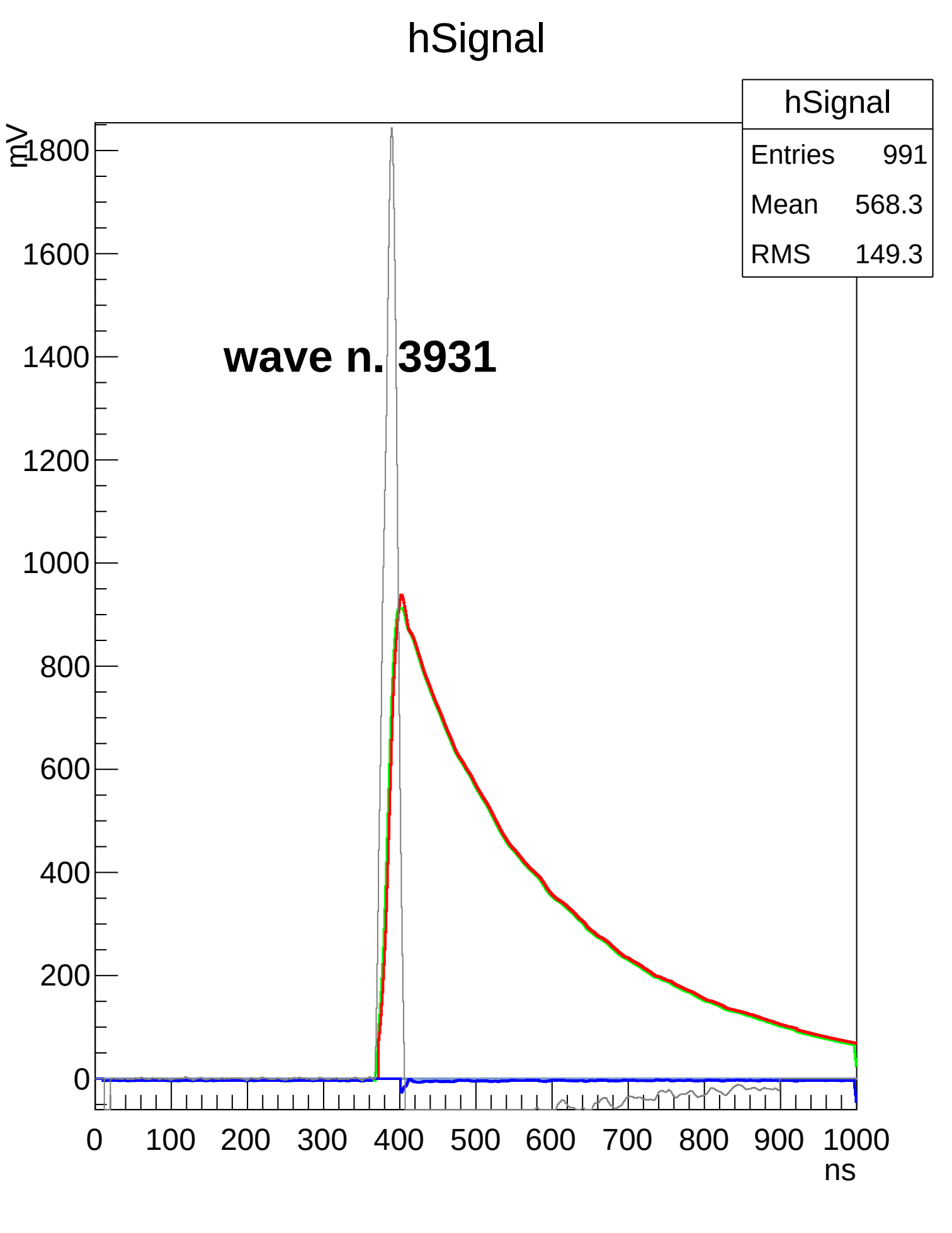
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 568.3
RMS 149.3
wave n. 3931
mV
1800
1600
1400
1200
1000
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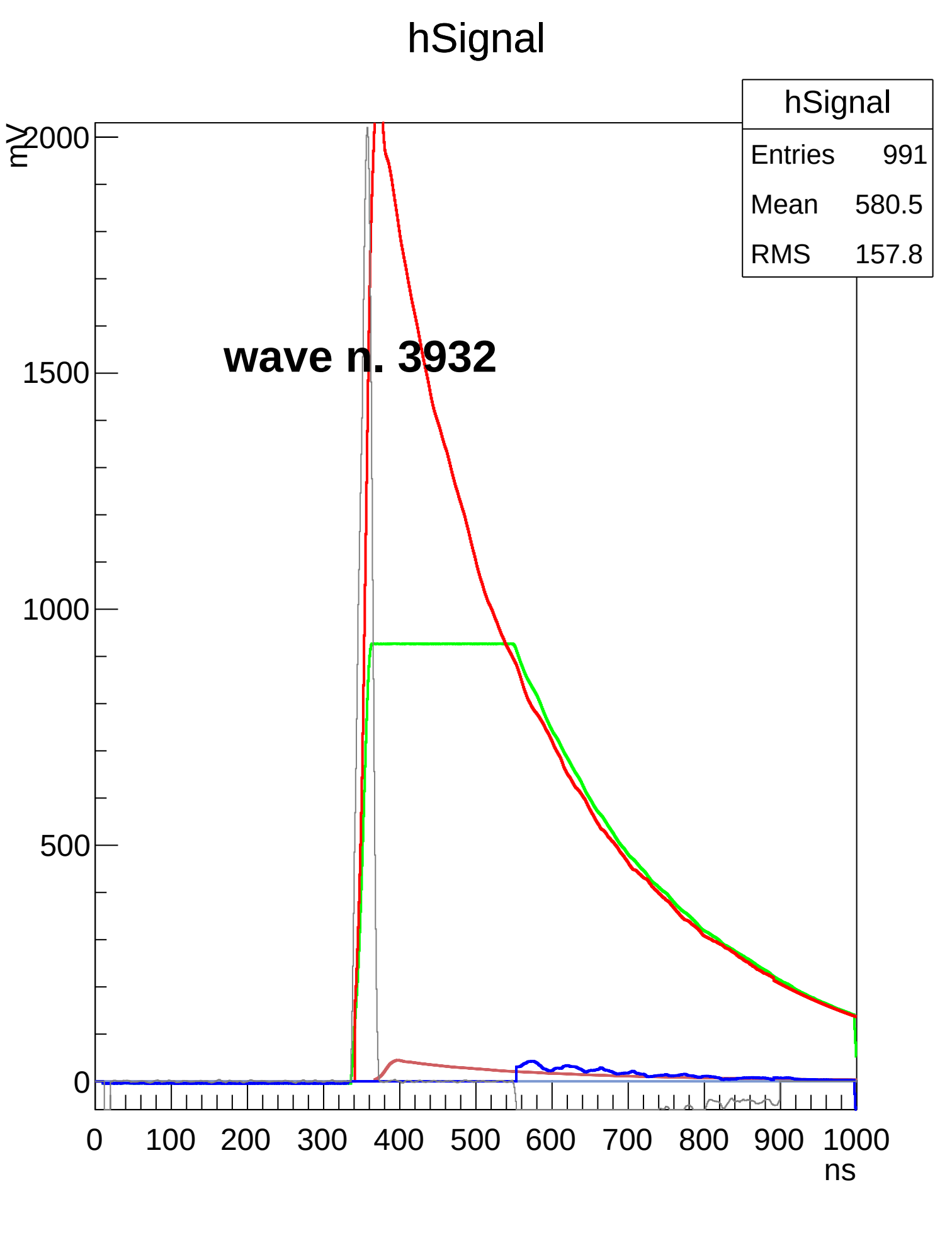
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580.5
RMS 157.8
wave n. 3932
mV
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1500
1000
500
0
0
100
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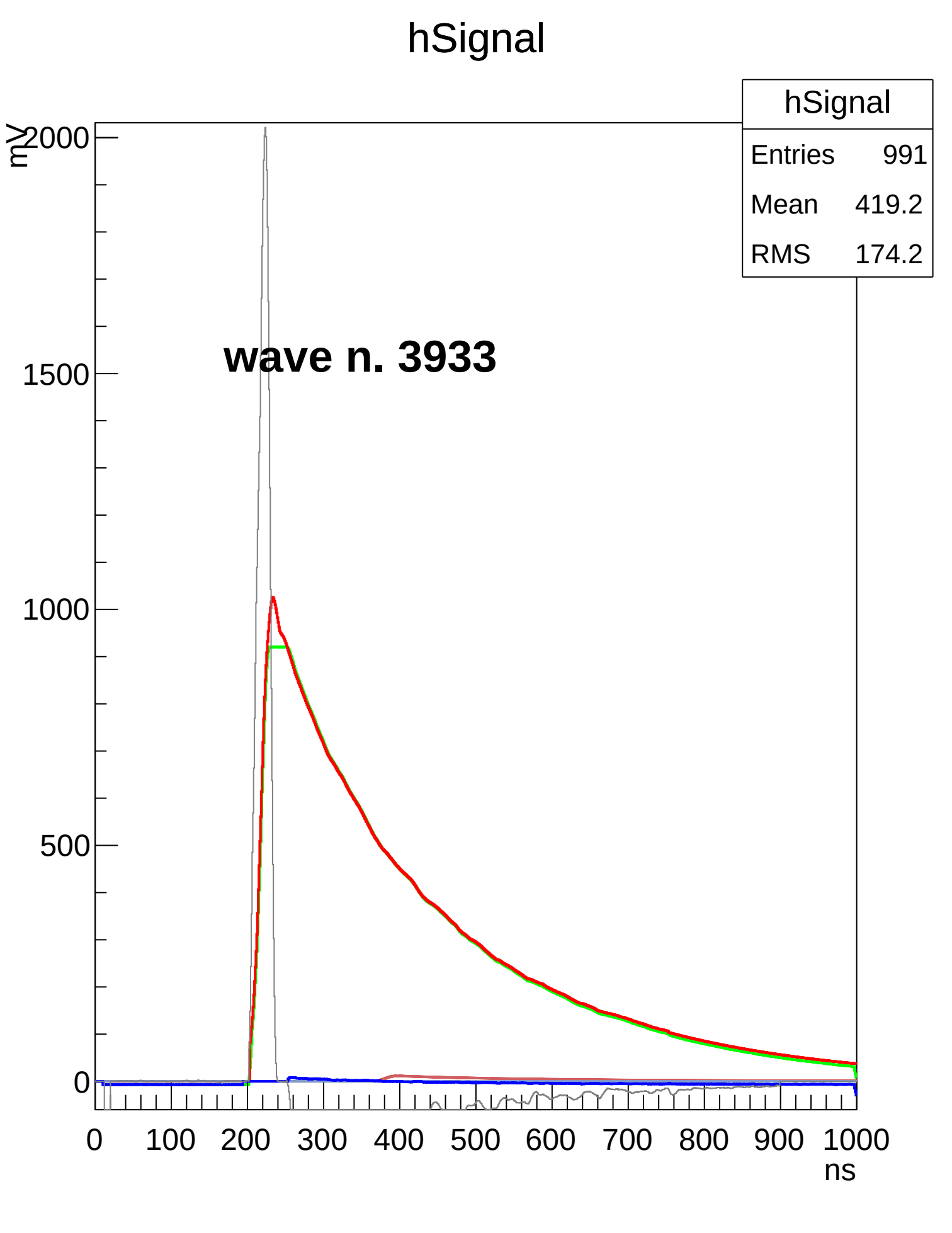
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 419.2
RMS 174.2
wave n. 3933
mV
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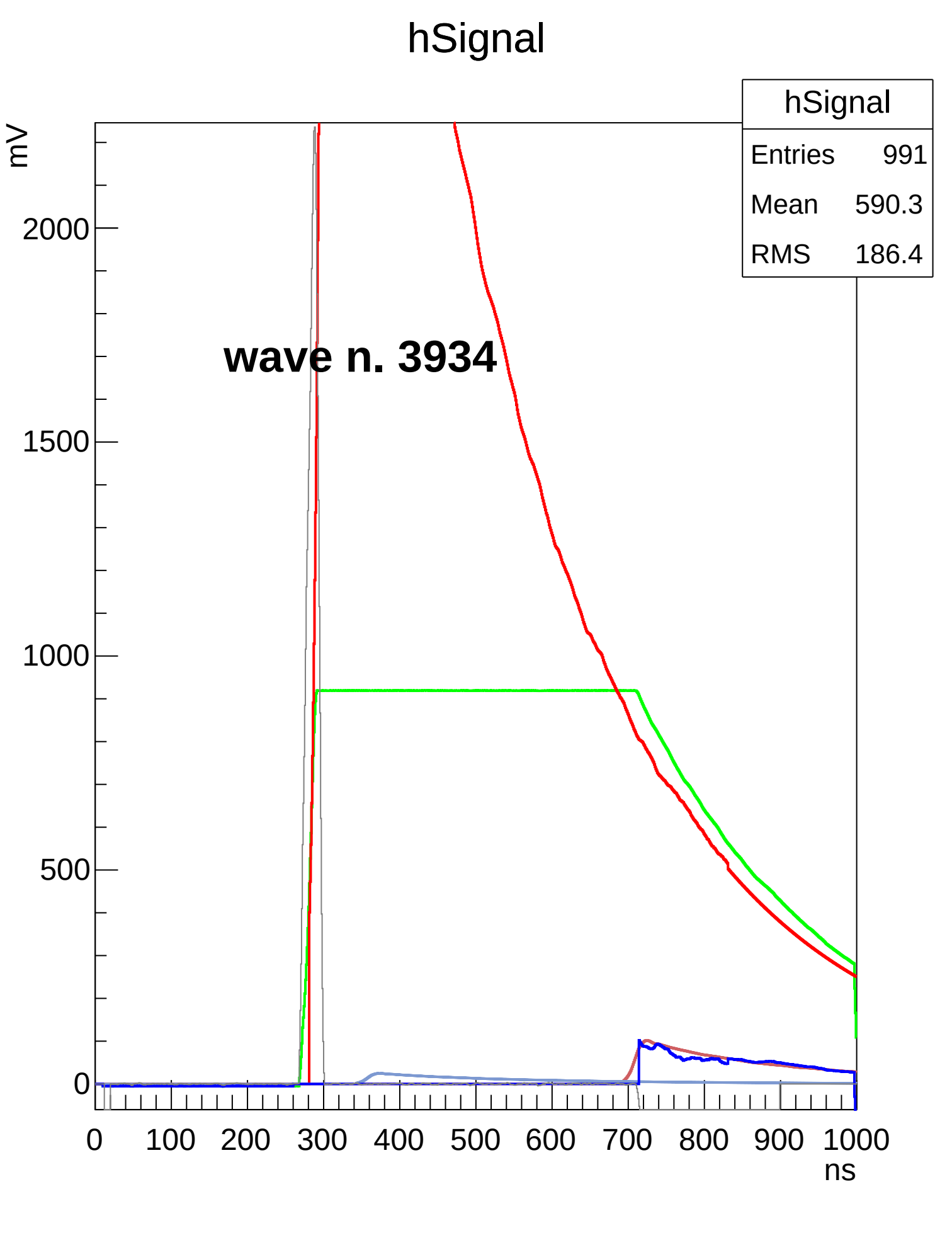
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 590.3
RMS 186.4
wave n. 3934
mV
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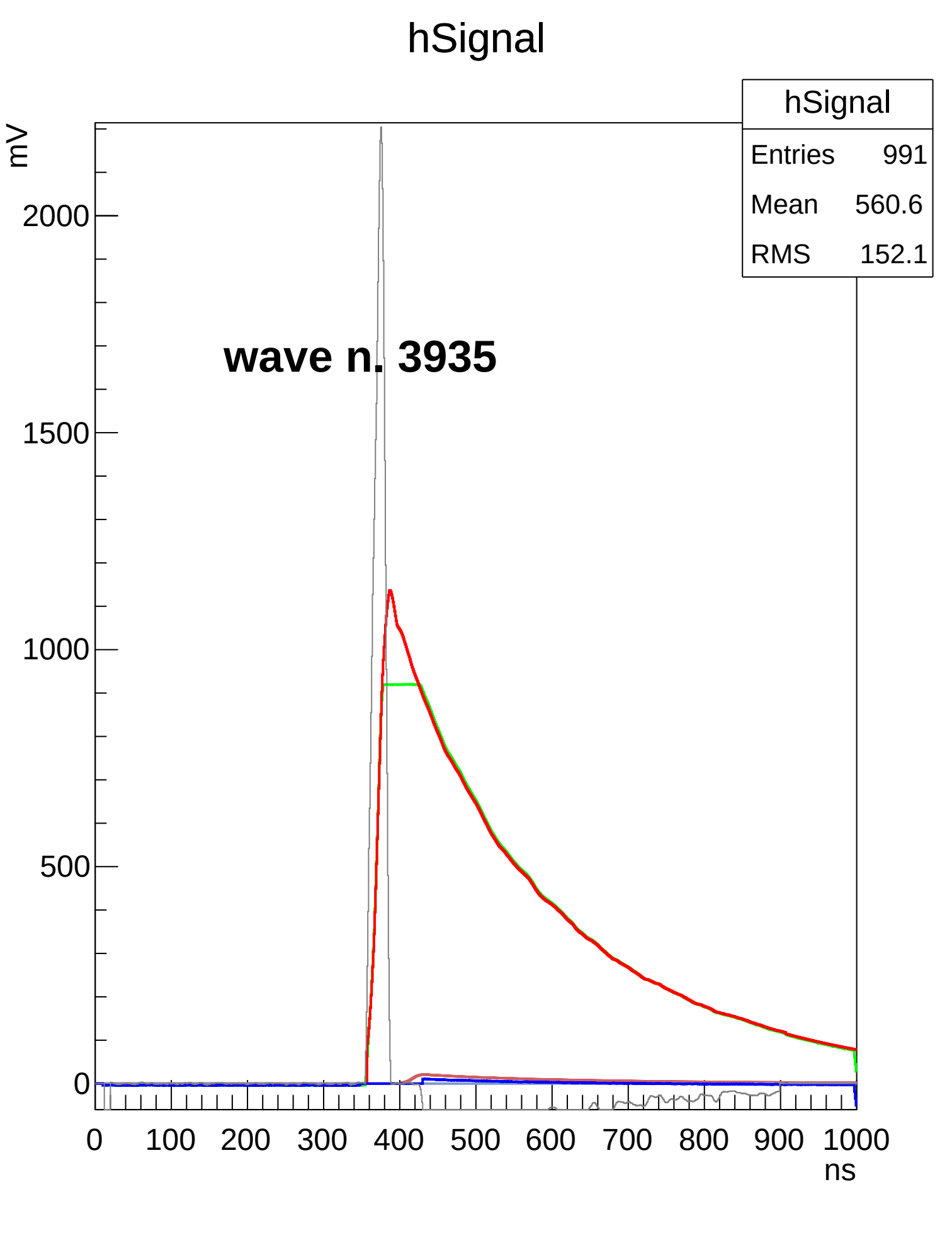
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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Entries 991
Mean 560.6
RMS 152.1
wave n. 3935
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400
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600
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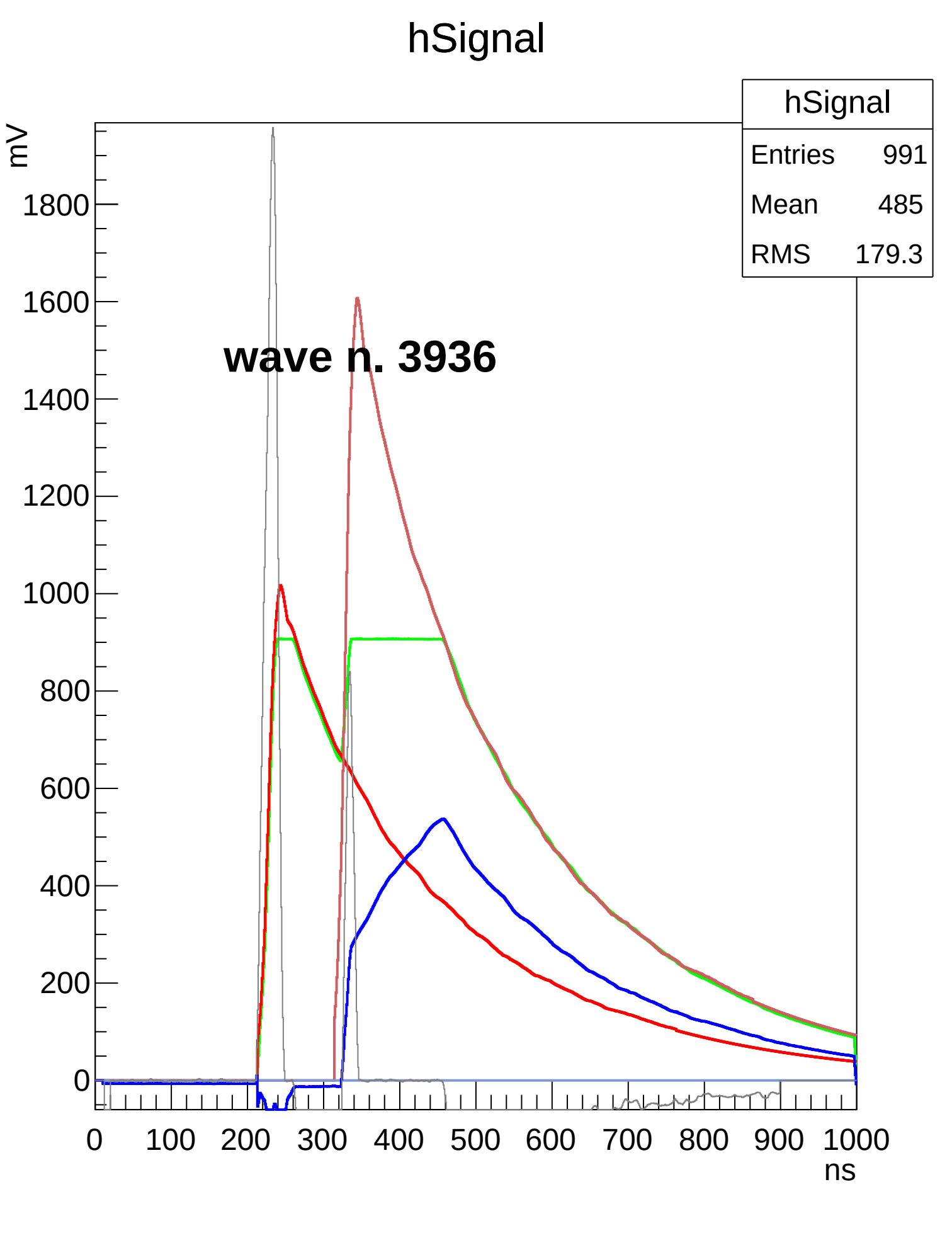
800
900
1000
ns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hSignal
Entries 991
Mean 485
RMS 179.3
wave n. 3936
mV
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1400
1200
1000
800
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400
200
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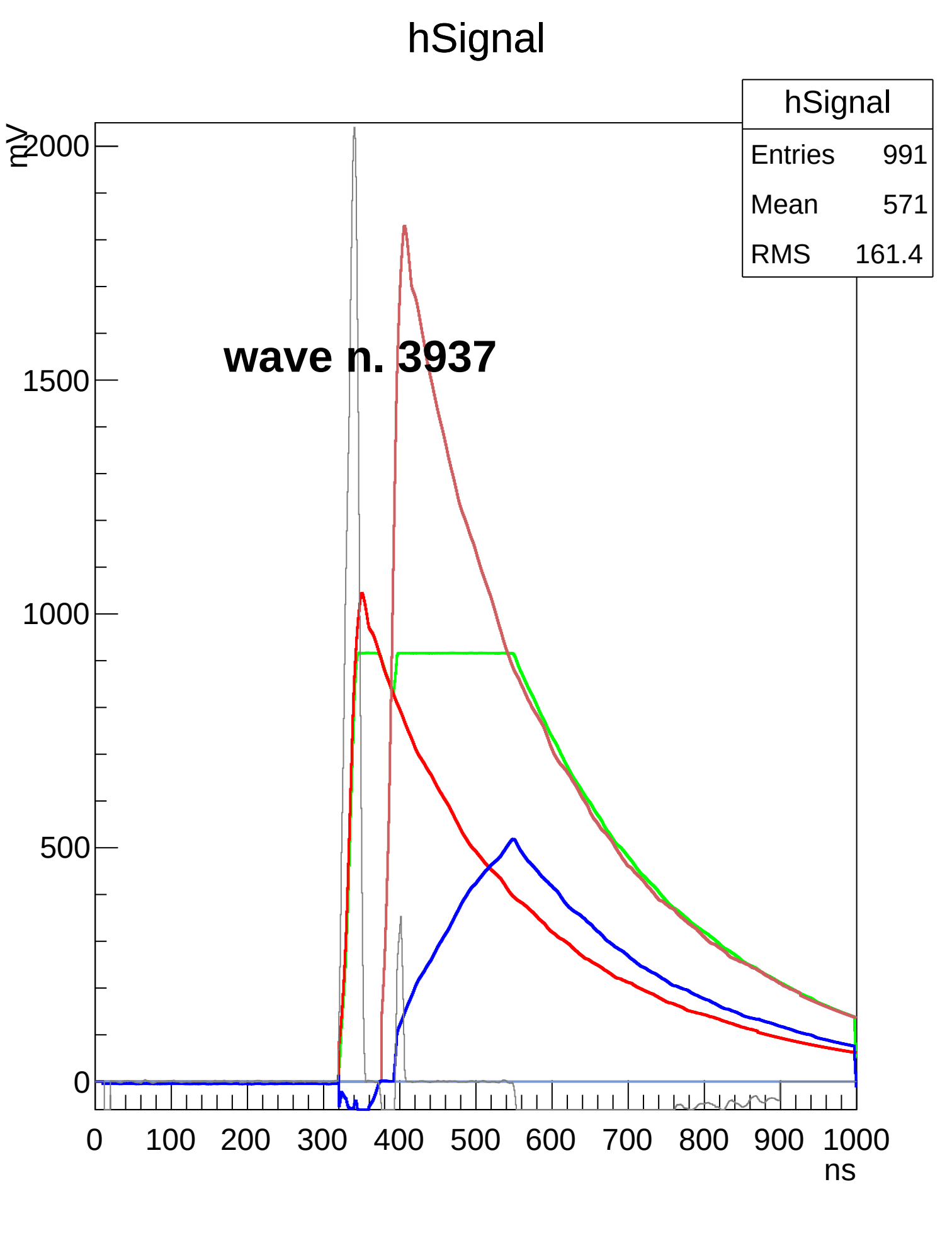
ns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Entries 991
Mean 571
RMS 161.4
wave n. 3937
mV
2000
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1000
500
0
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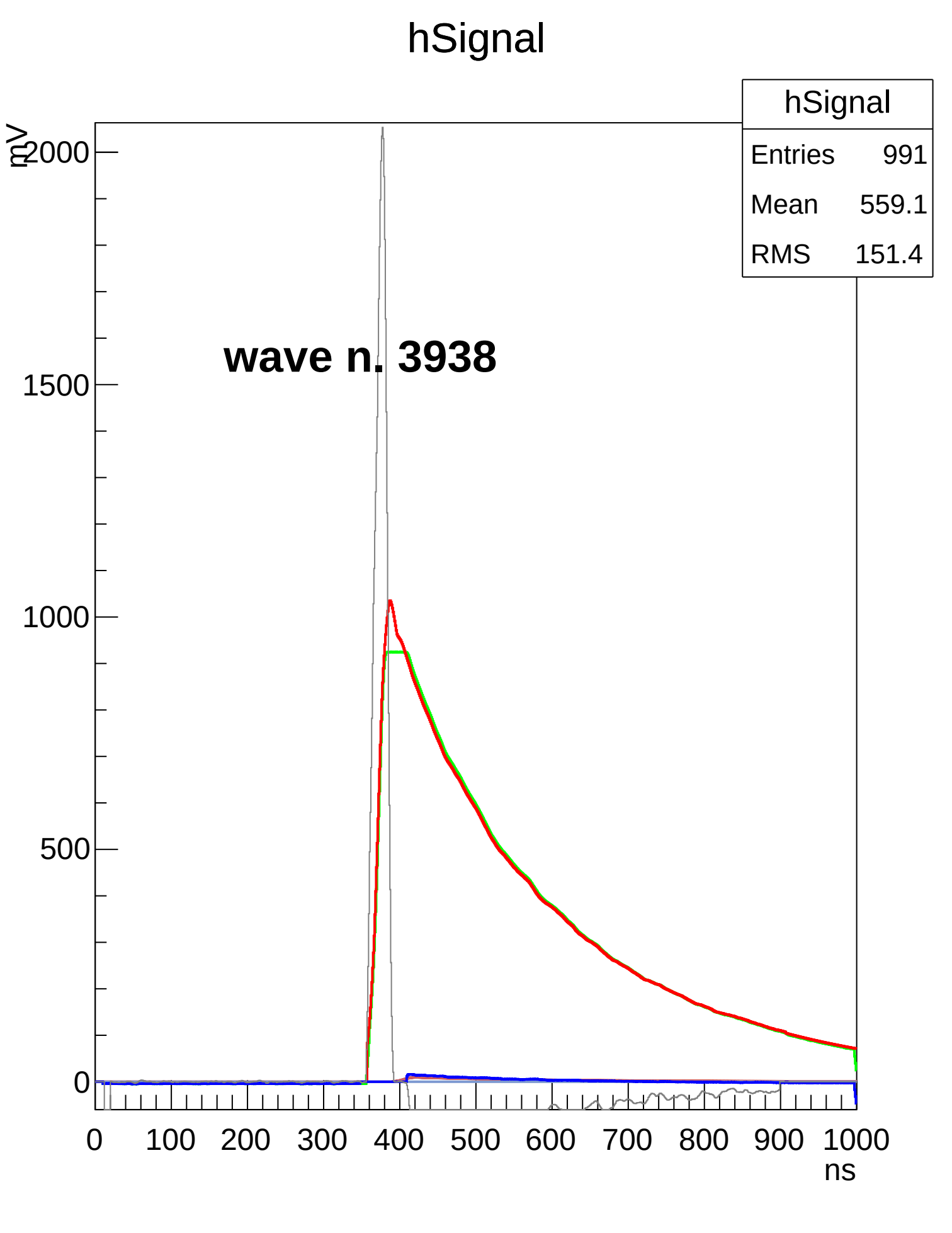
ns


hSignal
hSignal
Entries 991
Mean 559.1
RMS 151.4
wave n. 3938
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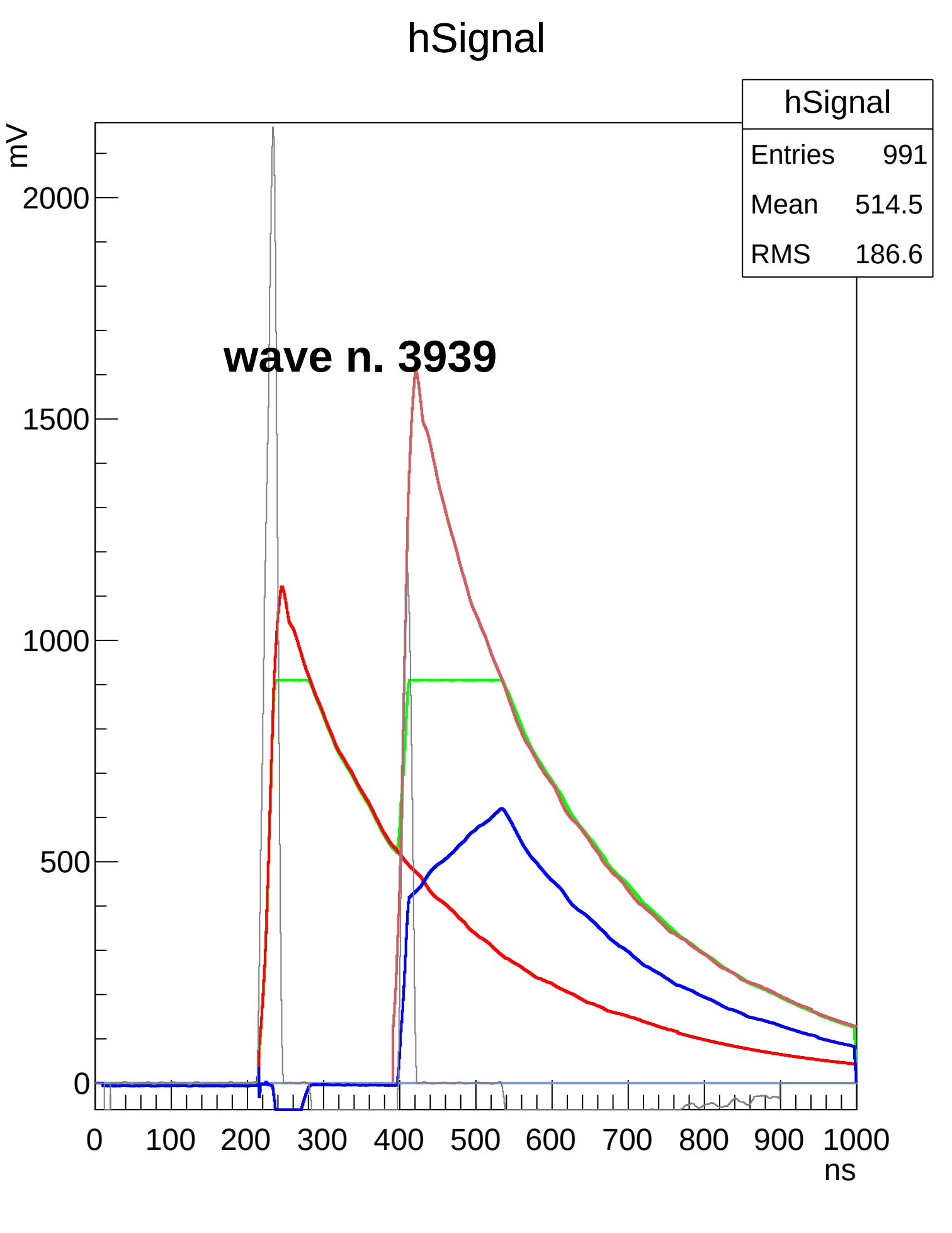
800
900
1000
ns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hSignal
Entries 991
Mean 514.5
RMS 186.6
wave n. 3939
mV
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1000
500
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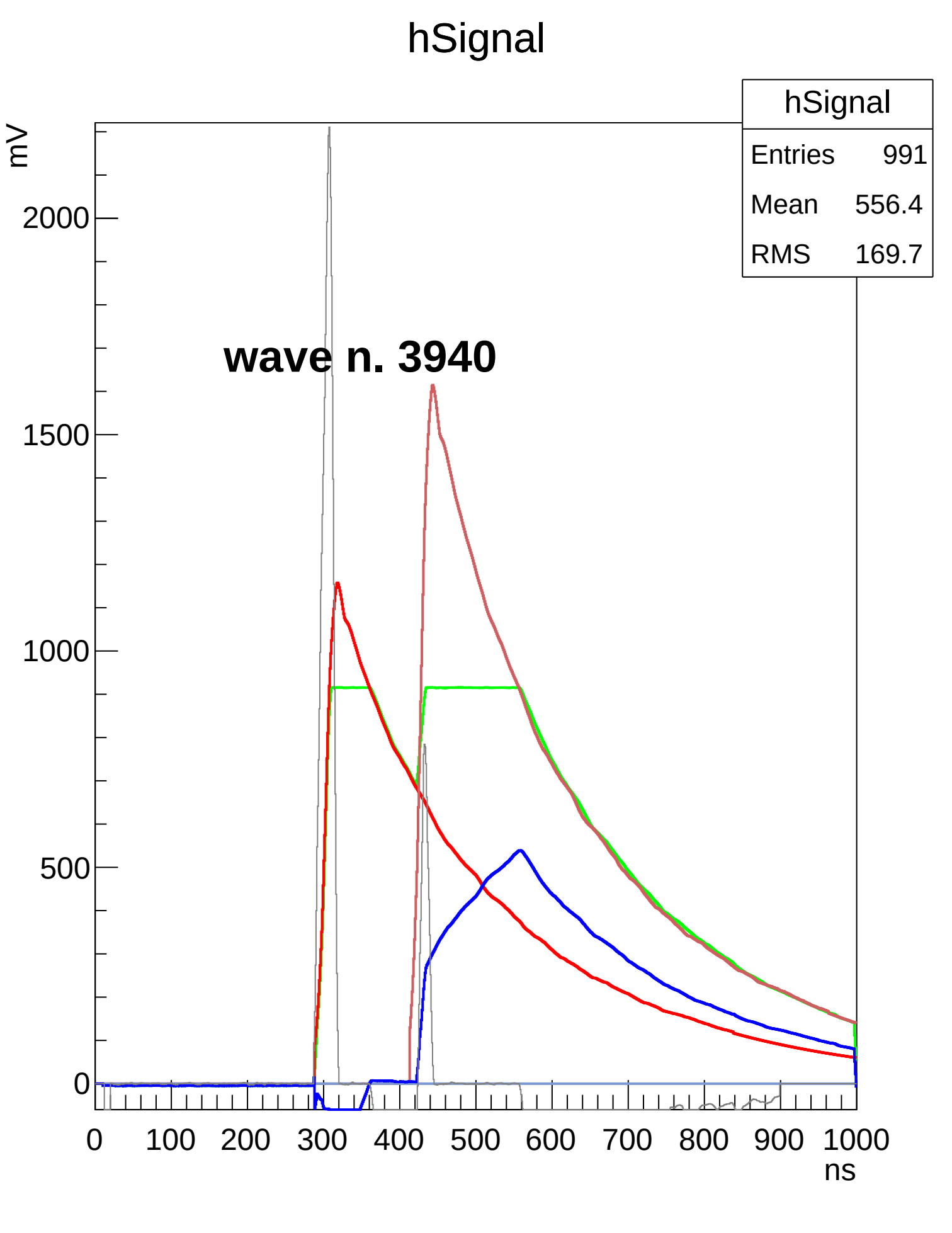
ns


hSignal
hSignal
Entries 991
Mean 556.4
RMS 169.7
wave n. 3940
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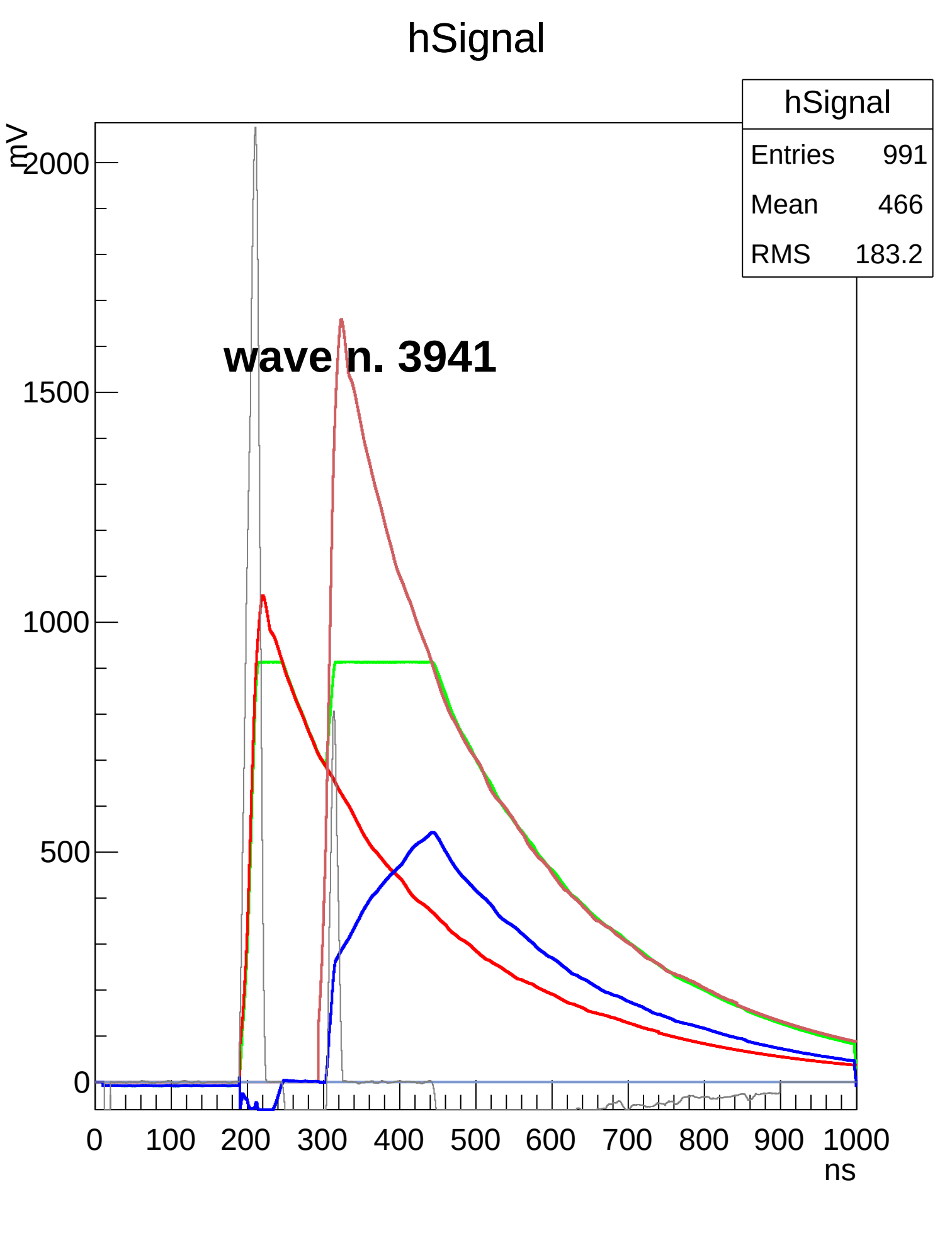
800
900
1000
ns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Entries 991
Mean 466
RMS 183.2
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mV
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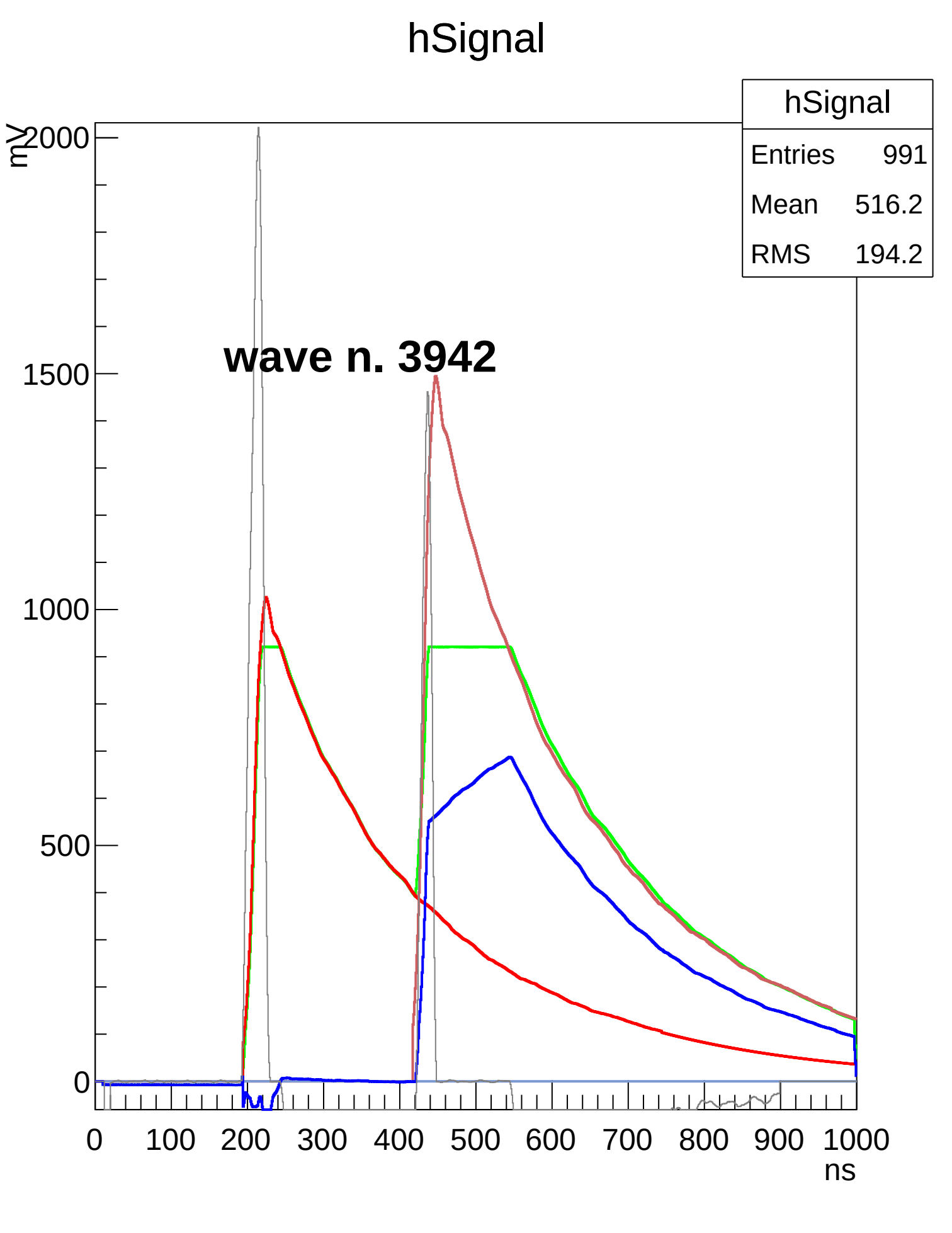
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Entries 991
Mean 516.2
RMS 194.2
wave n. 3942
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1000
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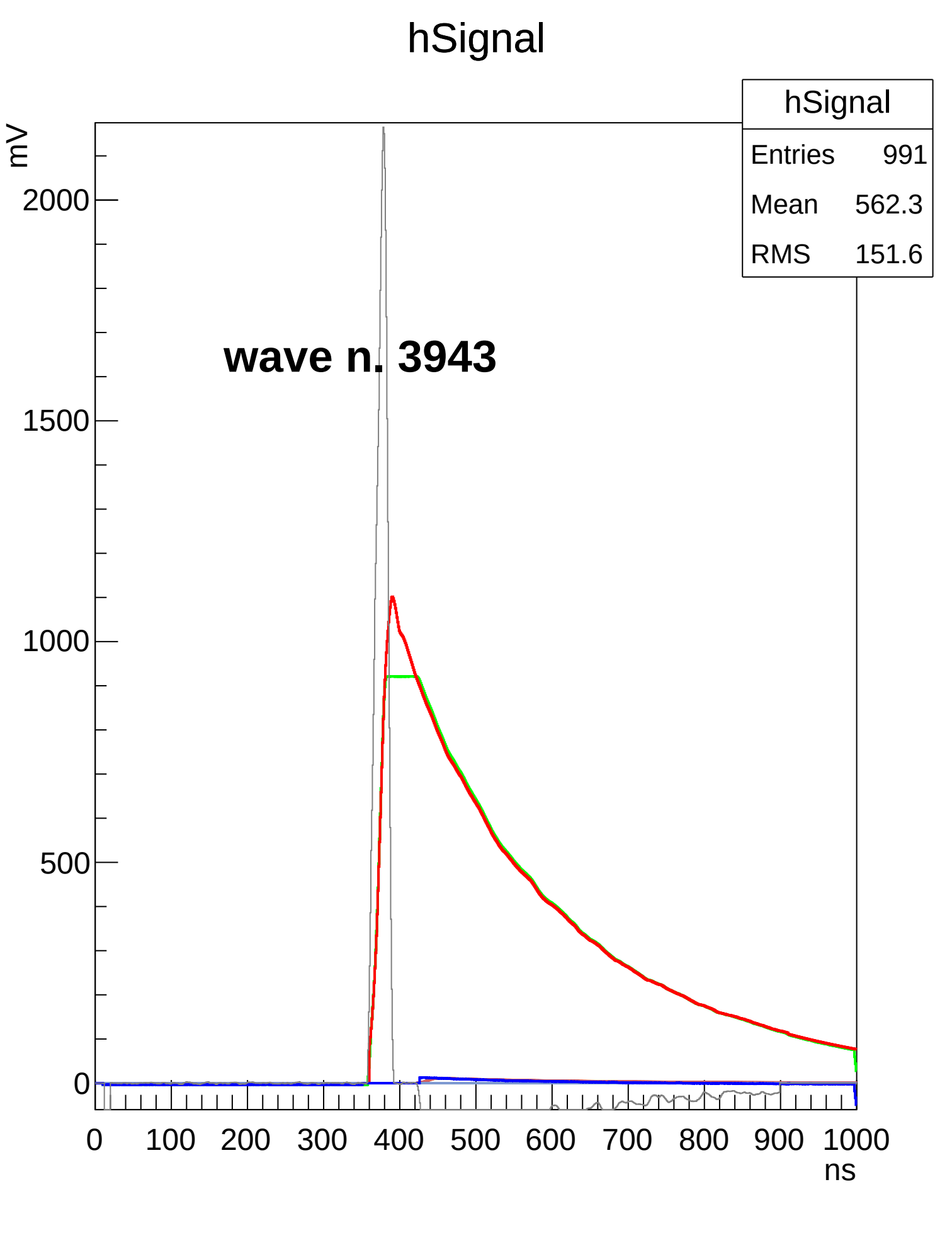
hSignal
hSignal
Entries 991
Mean 562.3
RMS 151.6
wave n. 3943
mV
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1000
500
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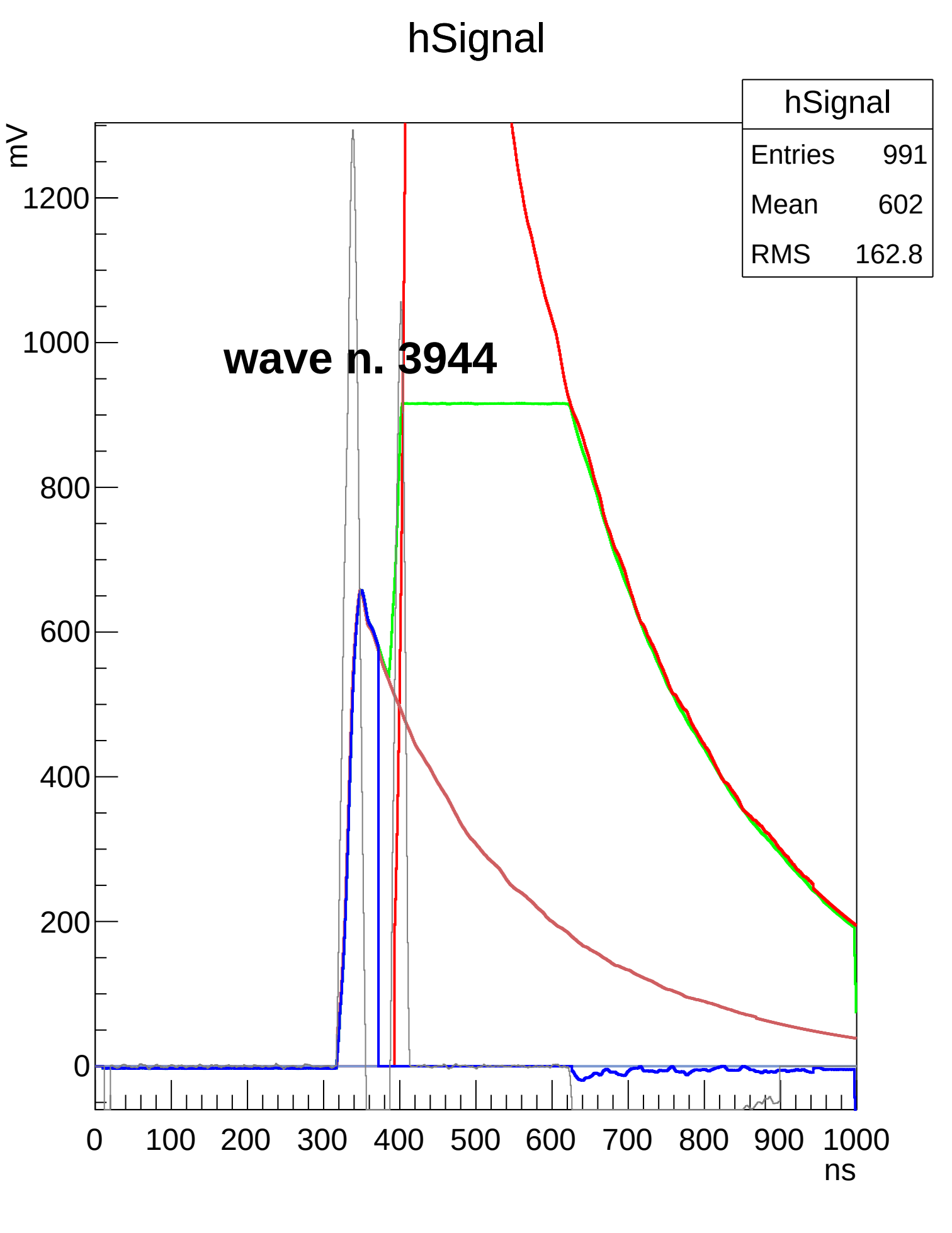
ns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hSignal
Entries 991
Mean 602
RMS 162.8
wave n. 3944
mV
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1000
800
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400
200
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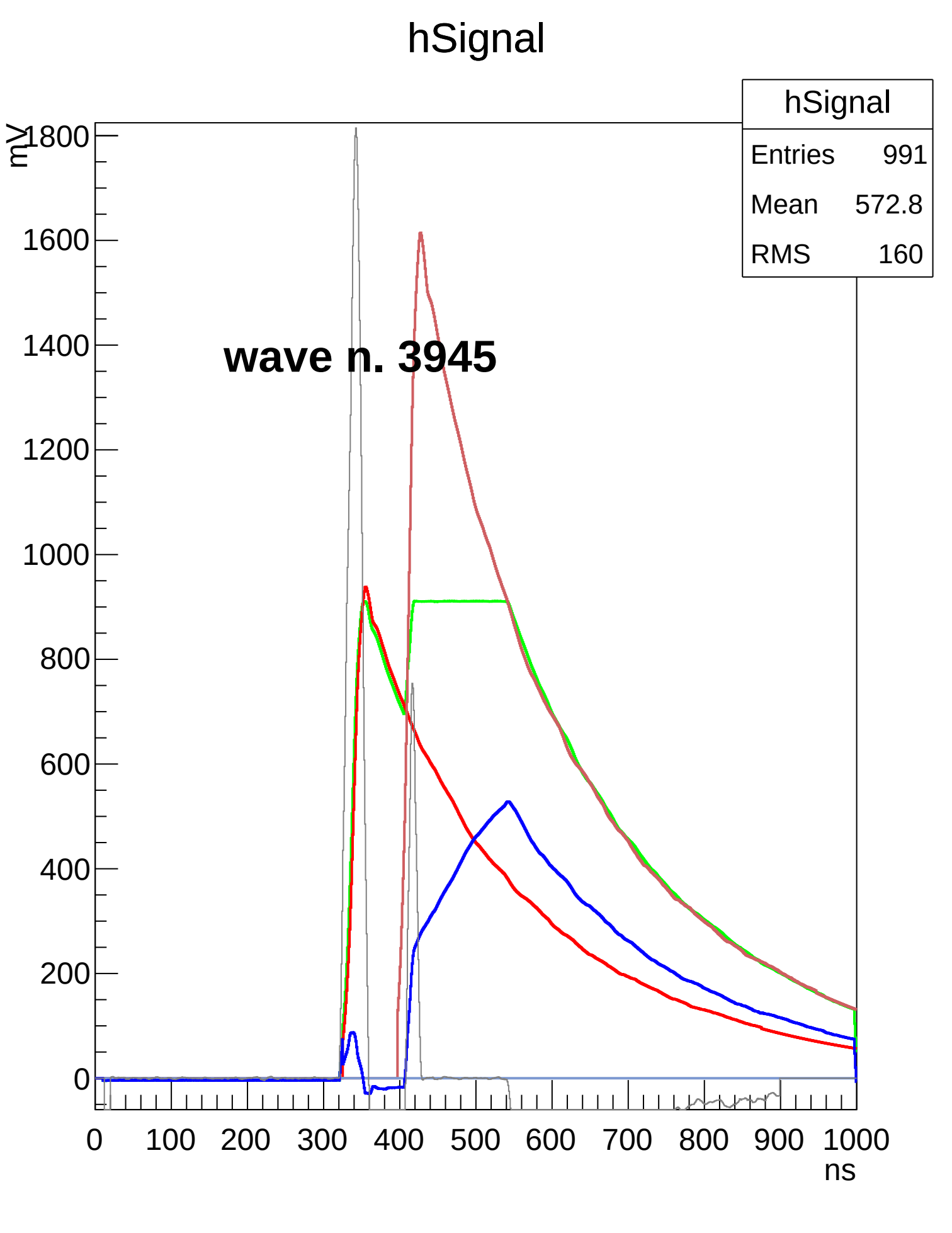
ns


hSignal
hSignal
Entries 991
Mean 572.8
RMS 160
wave n. 3945
mV
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400
200
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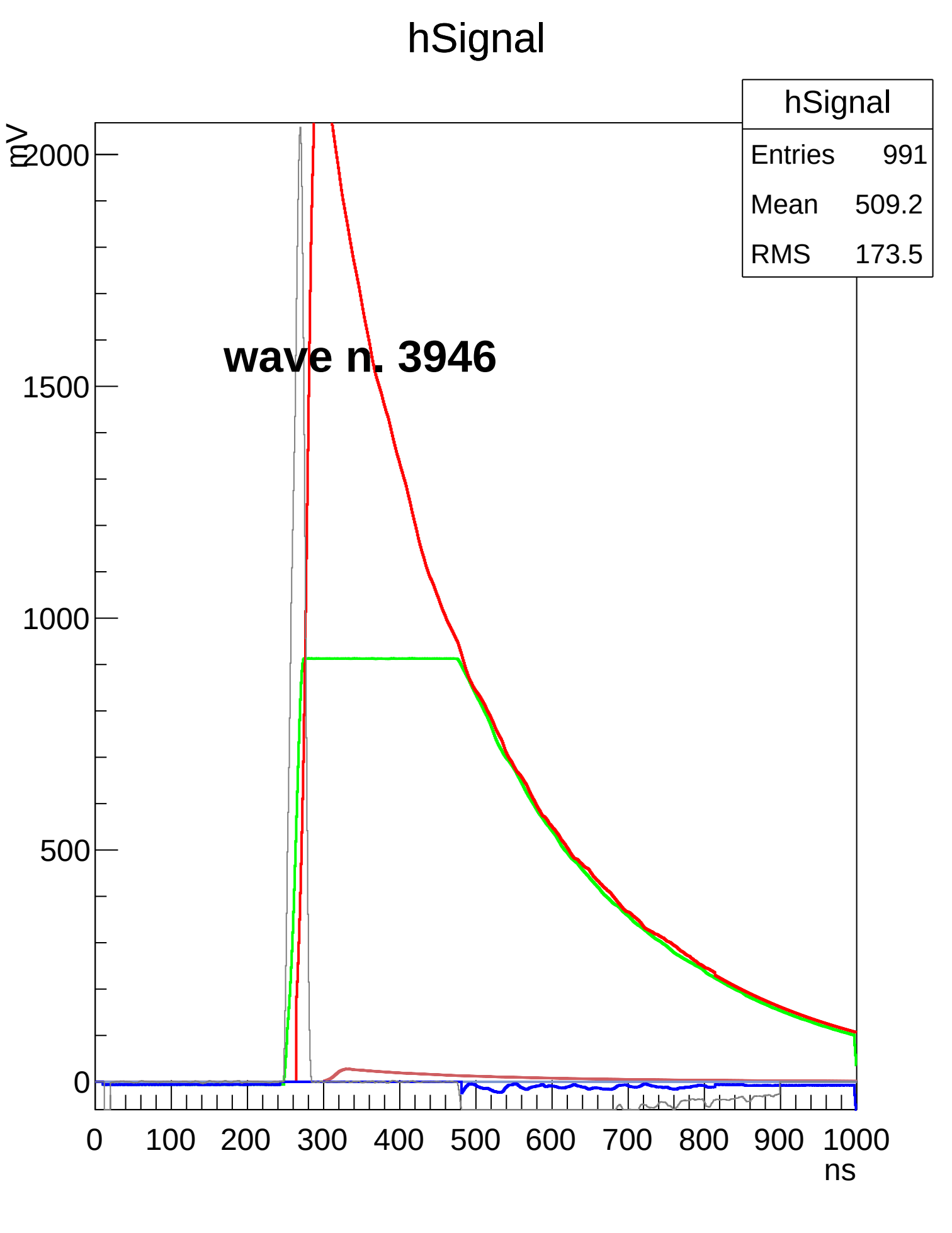
ns


hSignal
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Entries 991
Mean 509.2
RMS 173.5
wave n. 3946
mV
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400
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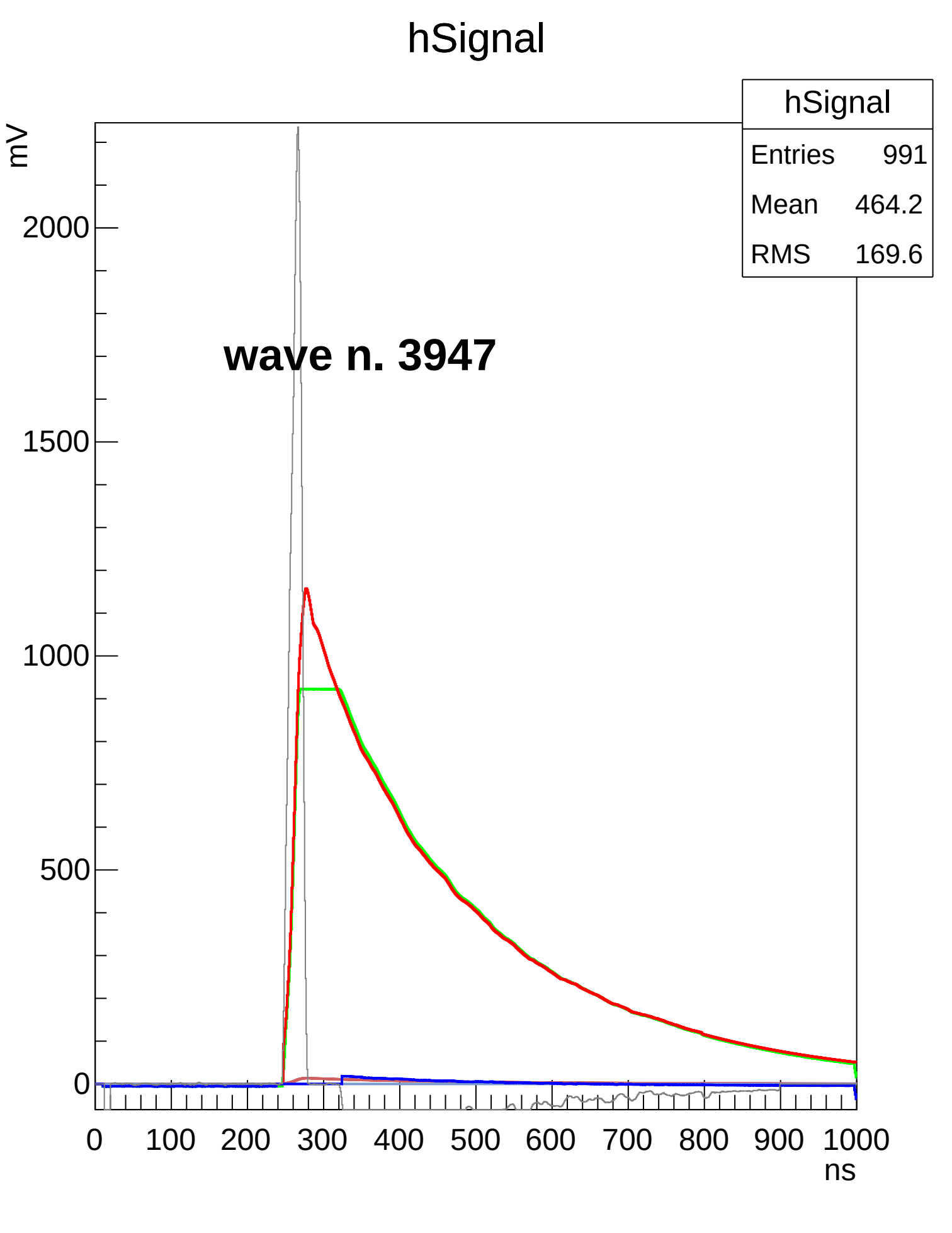
ns


hSignal
hSignal
Entries 991
Mean 464.2
RMS 169.6
wave n. 3947
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0
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800
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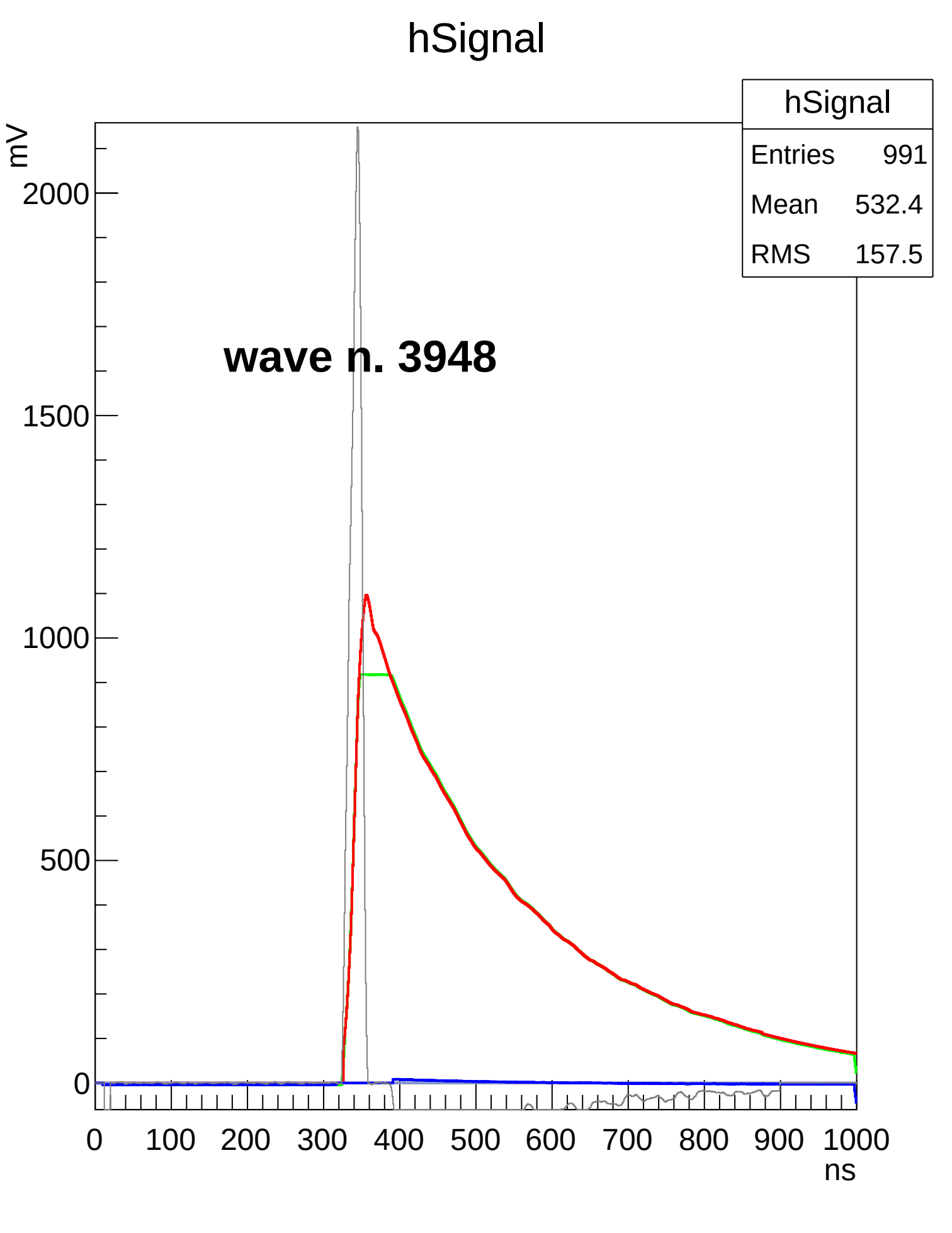
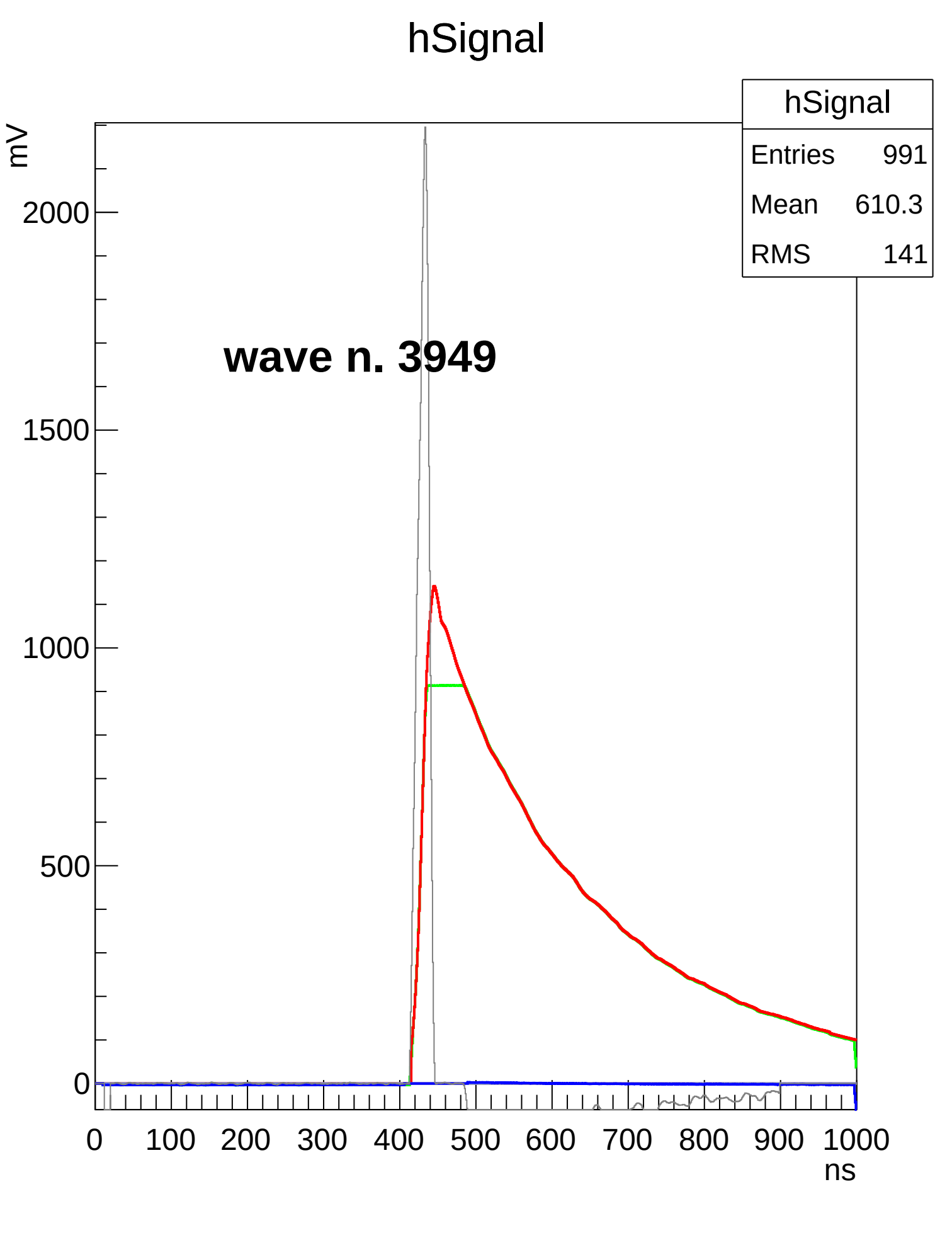
1000
ns


hSignal
hSignal
Entries 991
Mean 532.4
RMS 157.5
wave n. 3948
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
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Mean 610.3
RMS 141
wave n. 3949
mV
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500
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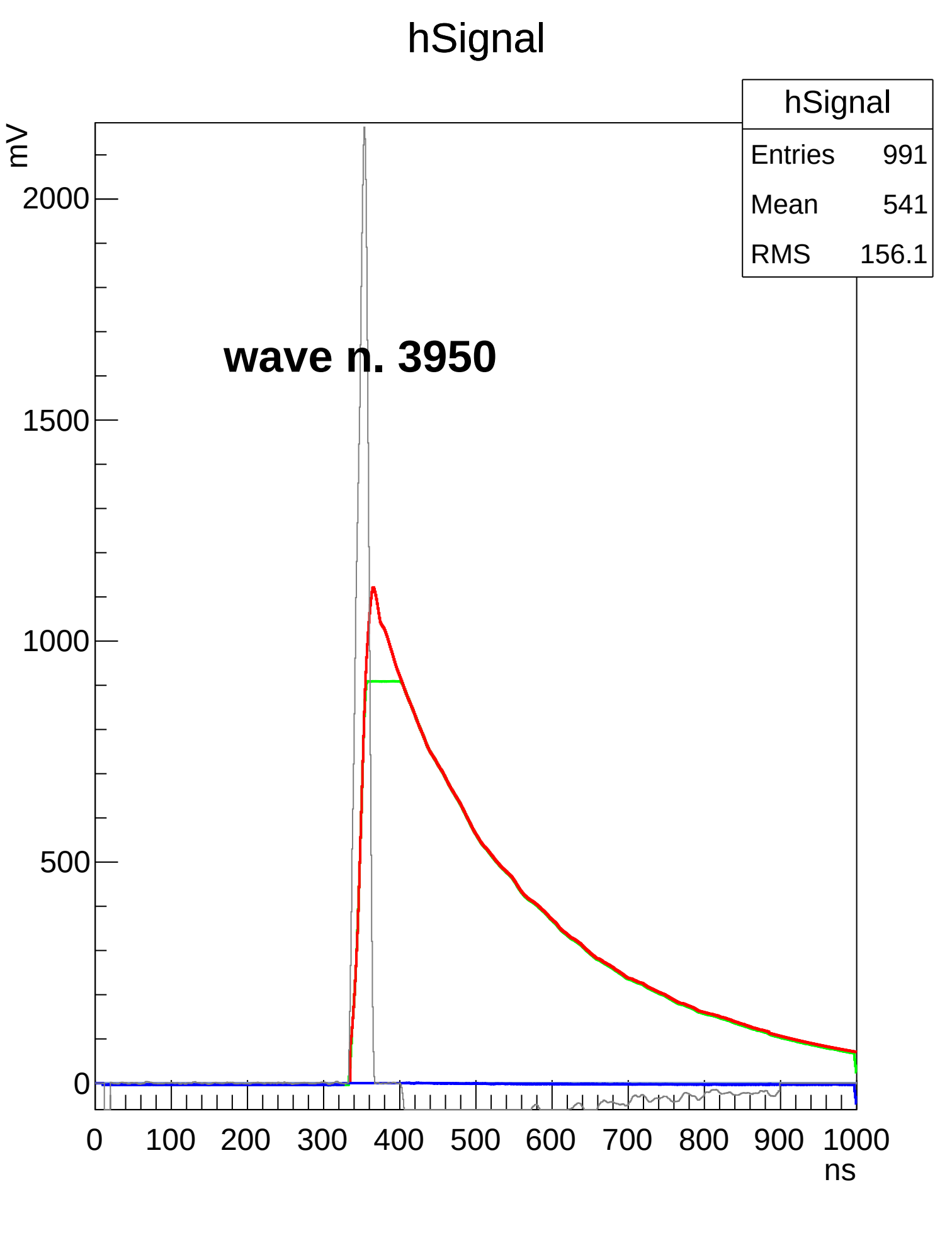
ns


hSignal
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Mean 541
RMS 156.1
wave n. 3950
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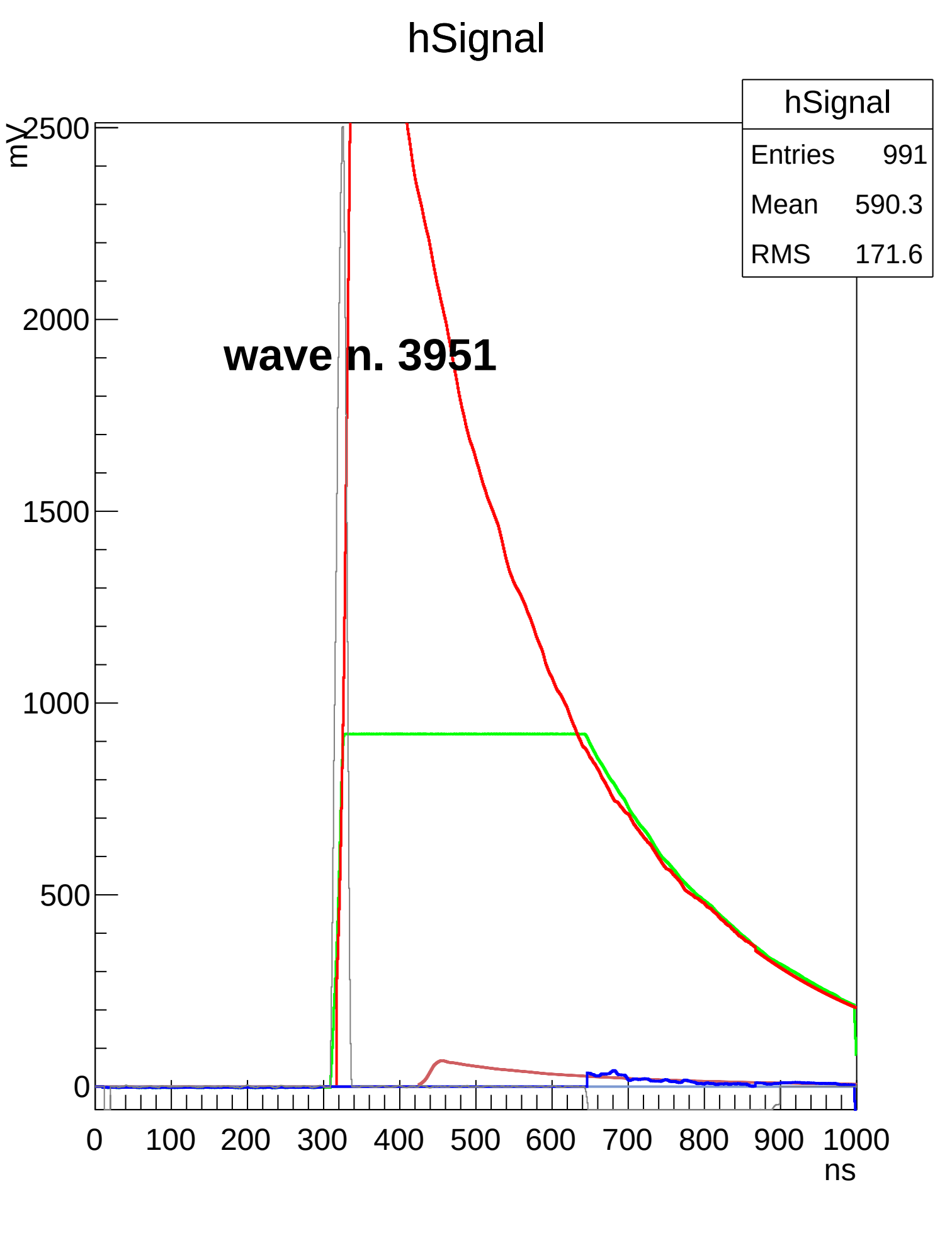
ns


hSignal
hSignal
Entries 991
Mean 590.3
RMS 171.6
wave n. 3951
mV
2500
2000
1500
1000
500
0
0
100
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400
500
600
700
800
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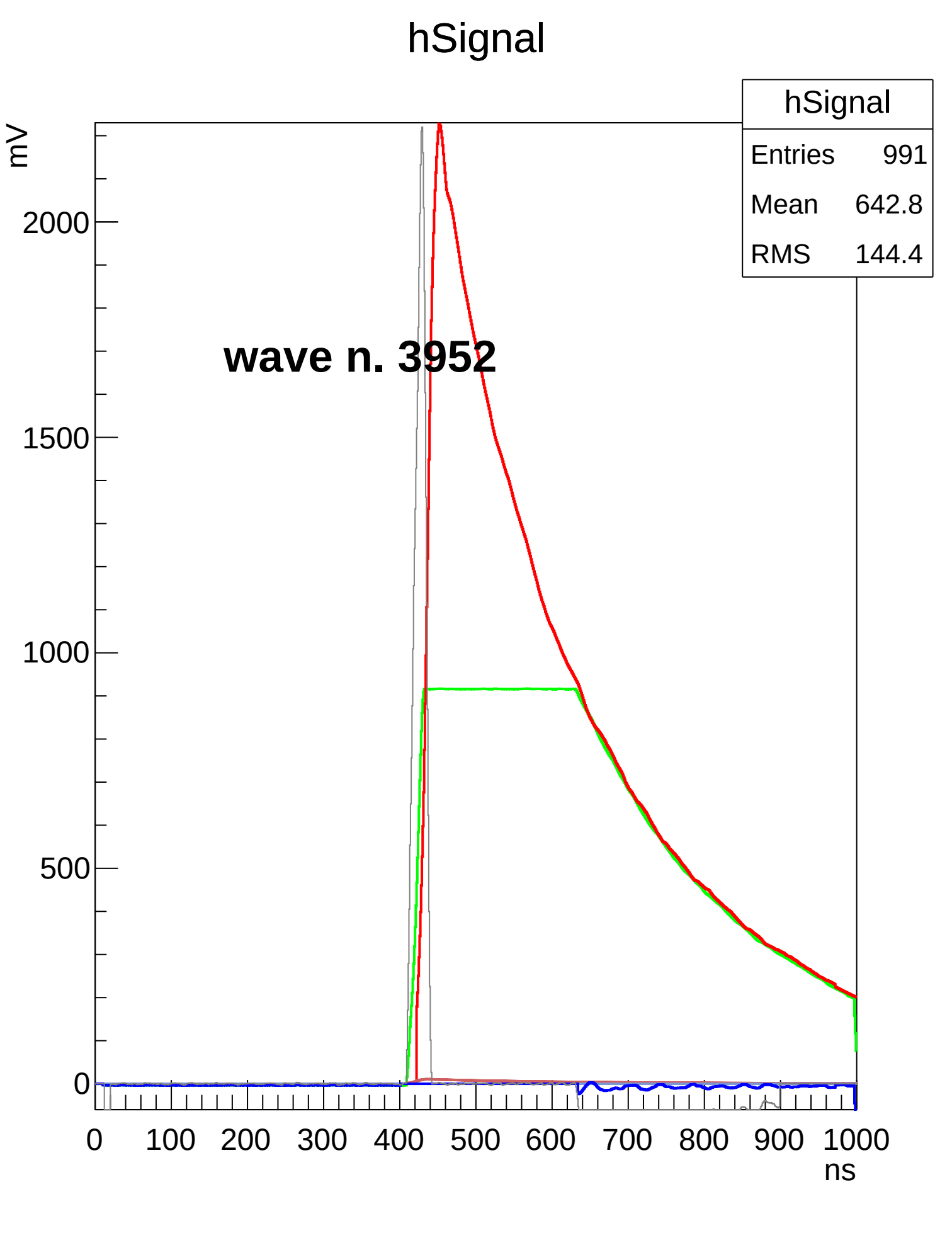
1000
ns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hSignal
Entries 991
Mean 642.8
RMS 144.4
wave n. 3952
mV
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1500
1000
500
0
0
100
200
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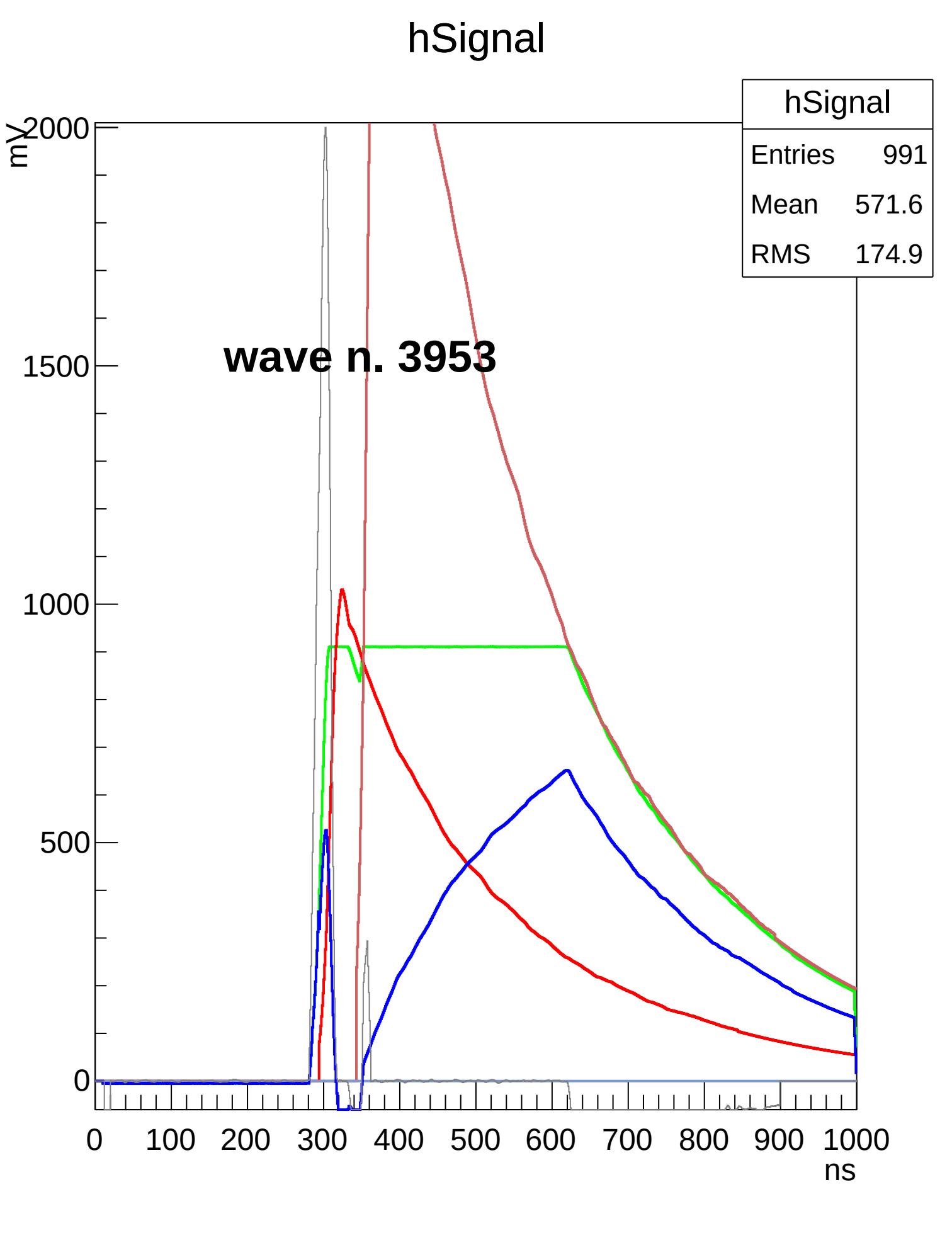
400
500
600
700
800
900
1000
ns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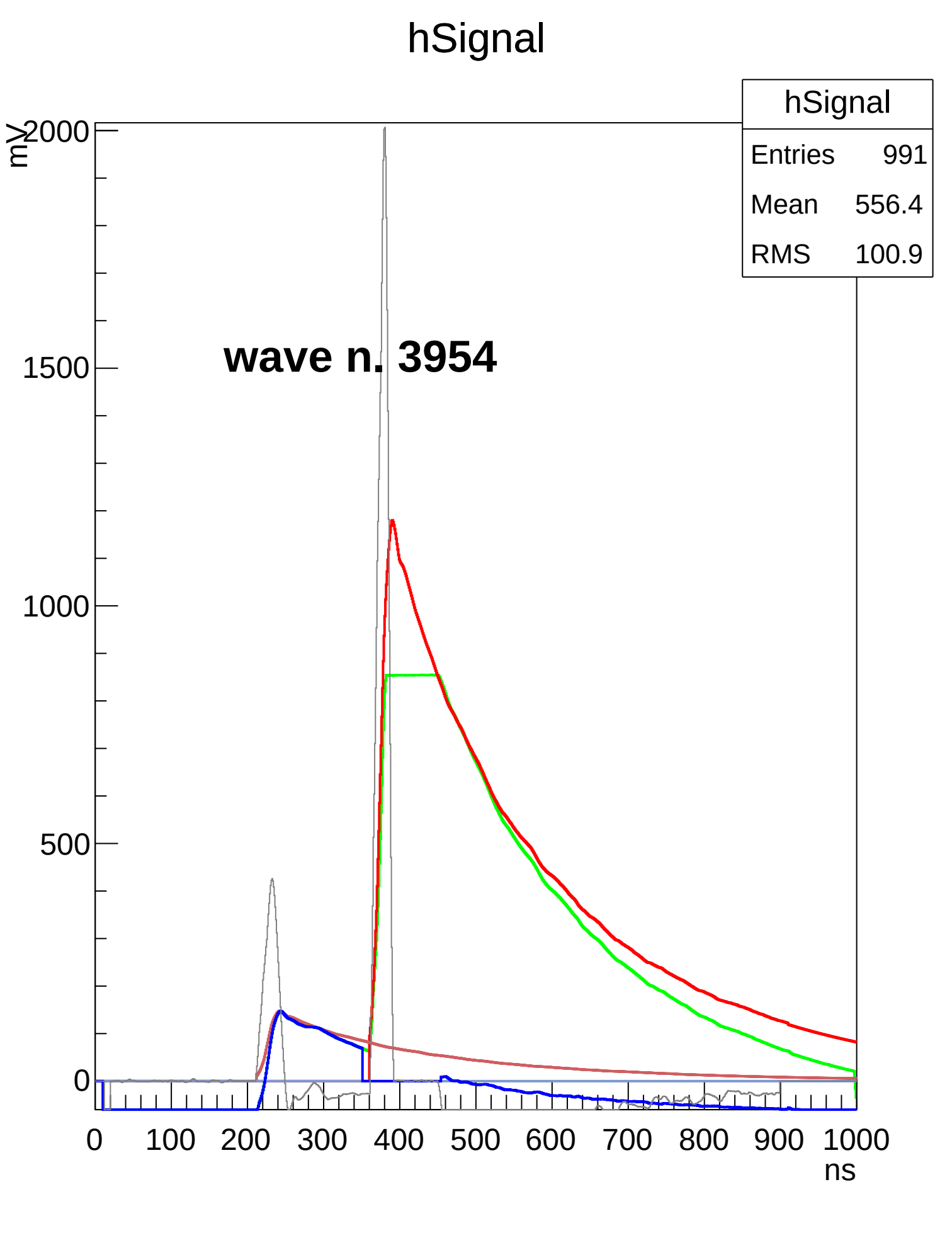
hSignal
Entries 991
Mean 571.6
RMS 174.9
wave n. 3953
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 556.4
RMS 100.9
wave n. 3954
mV
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0
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400
500
600
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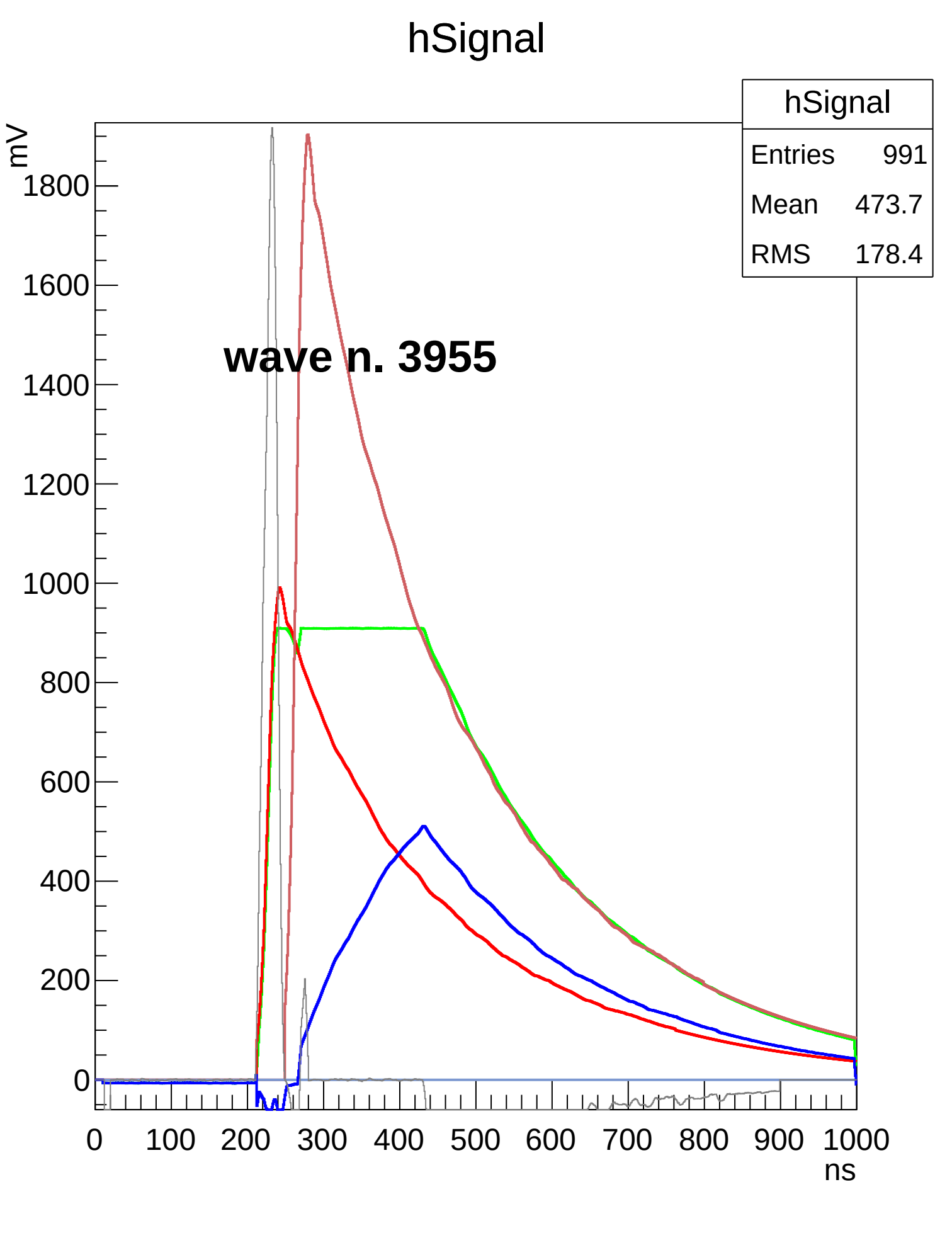
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 473.7
RMS 178.4
wave n. 3955
mV
1800
1600
1400
1200
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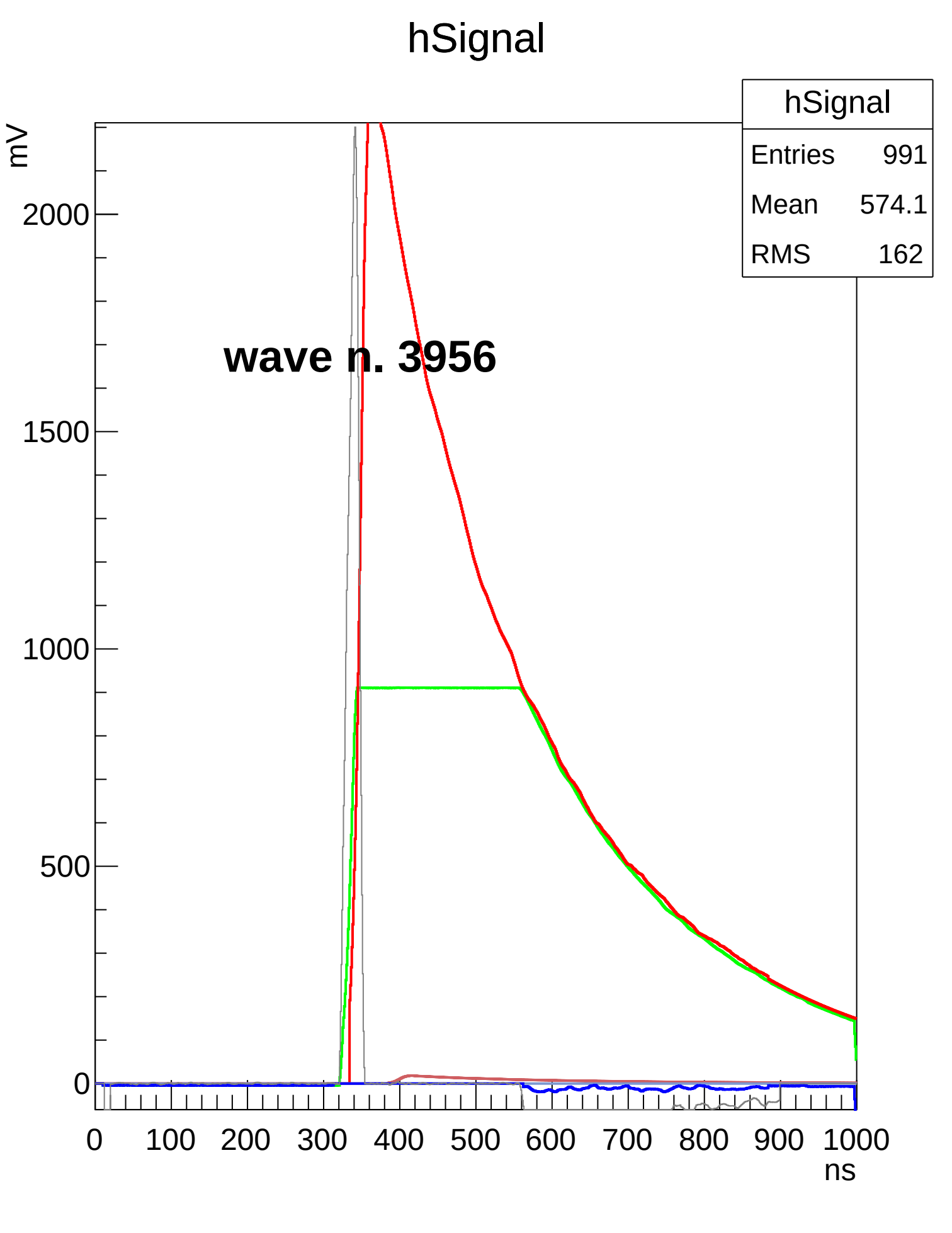
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 574.1
RMS 162
wave n. 3956
mV
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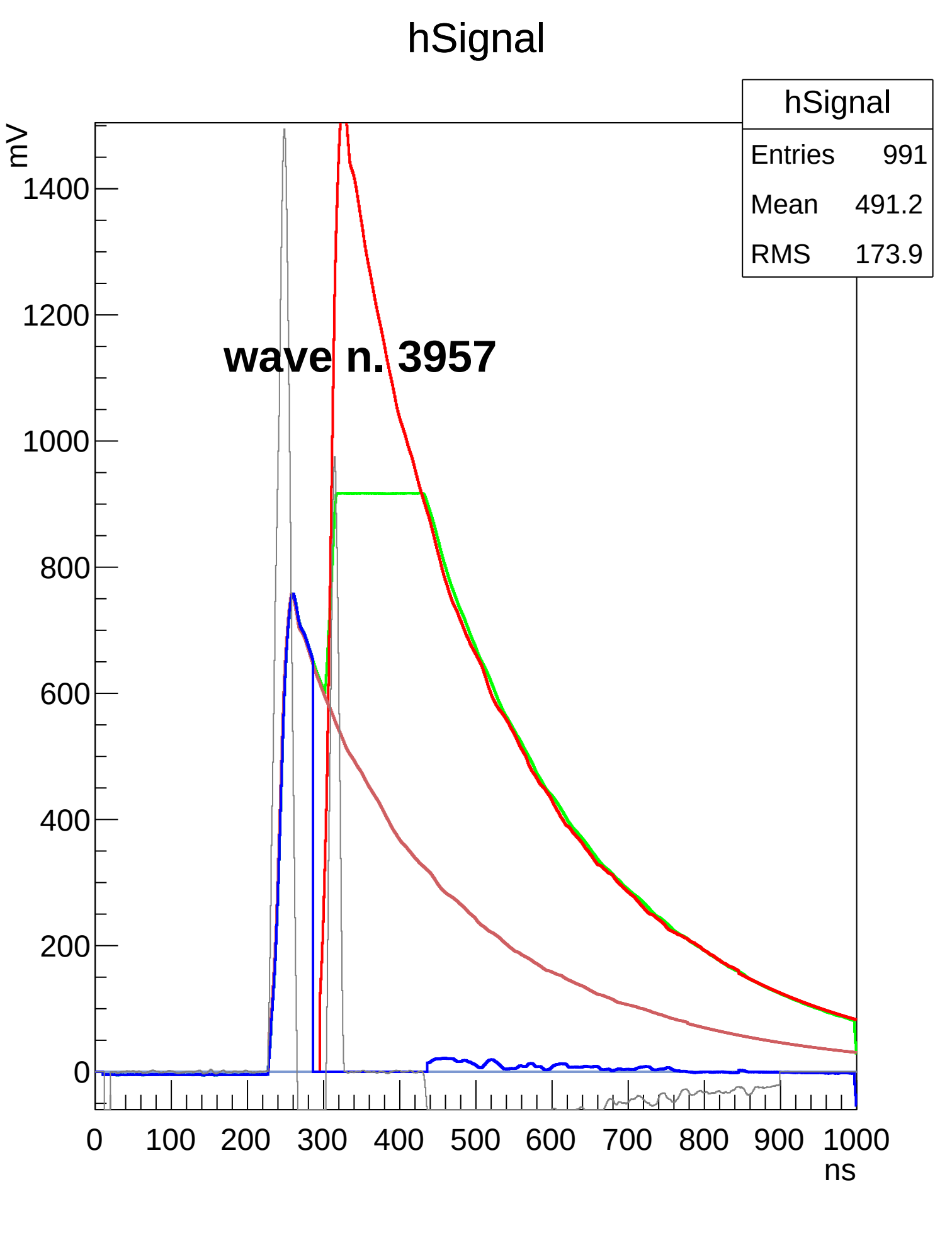
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 491.2
RMS 173.9
wave n. 3957
mV
1400
1200
1000
800
600
400
200
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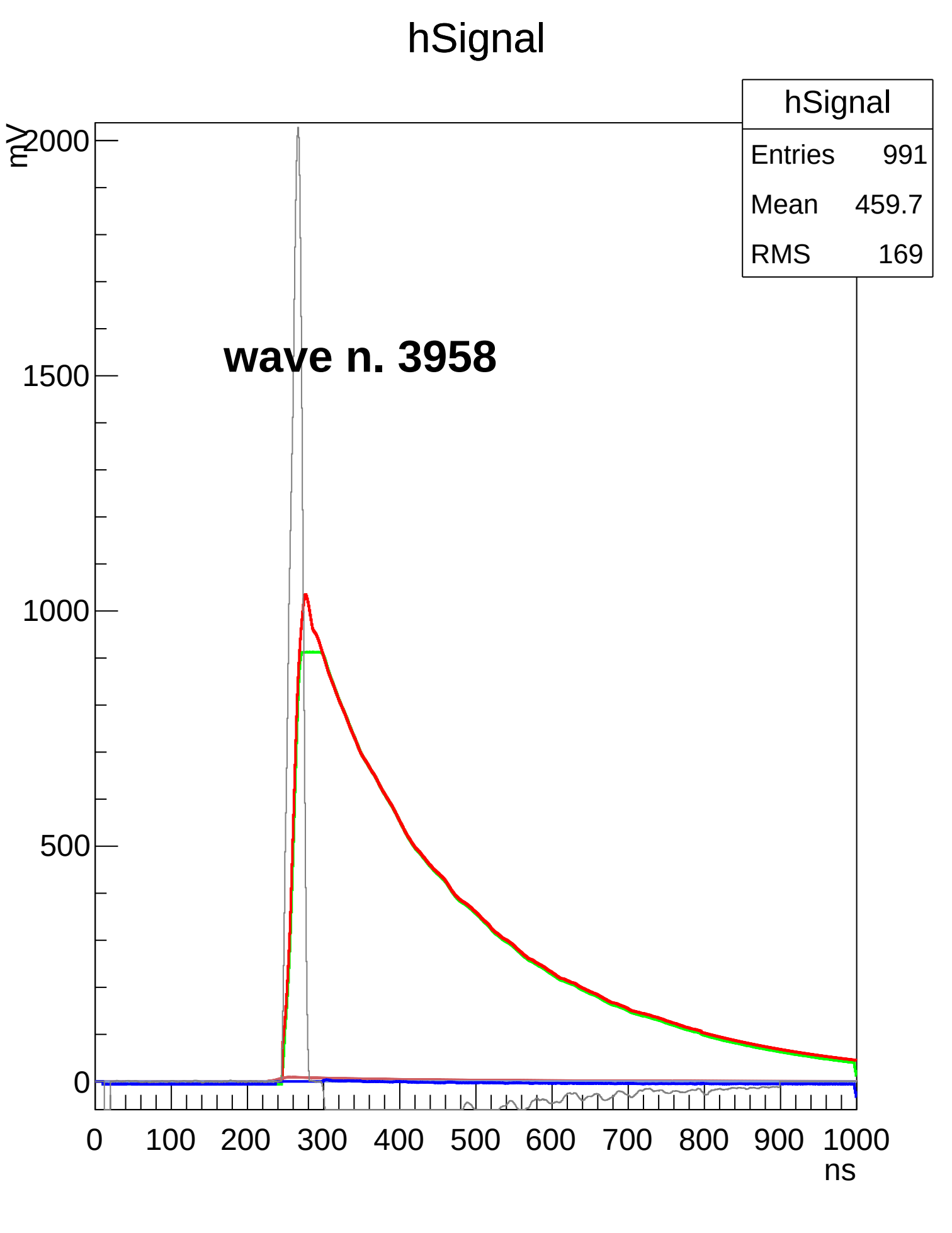
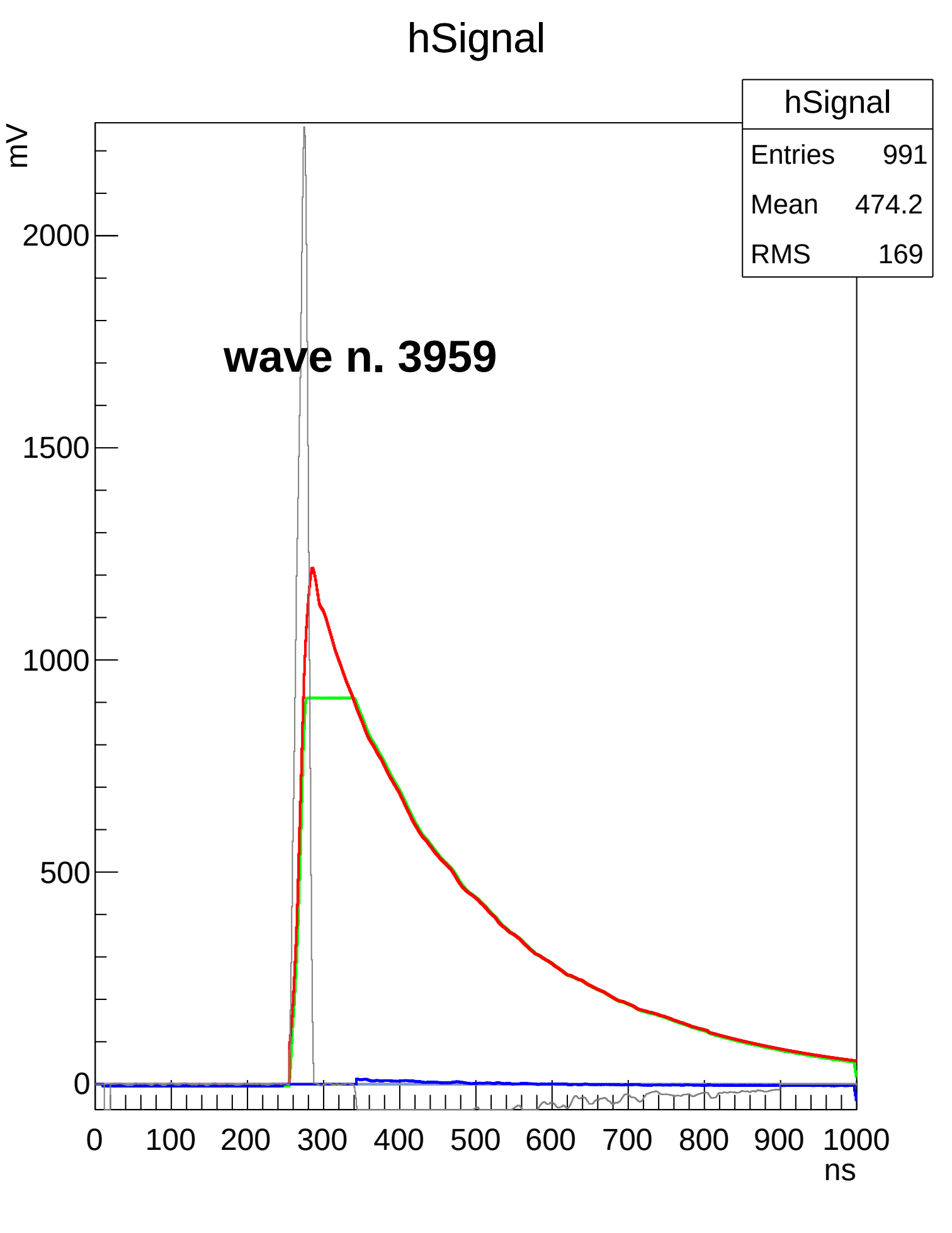
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 459.7
RMS 169
wave n. 3958
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 474.2
RMS 169
wave n. 3959
mV
2000
1500
1000
500
0
0
100
200
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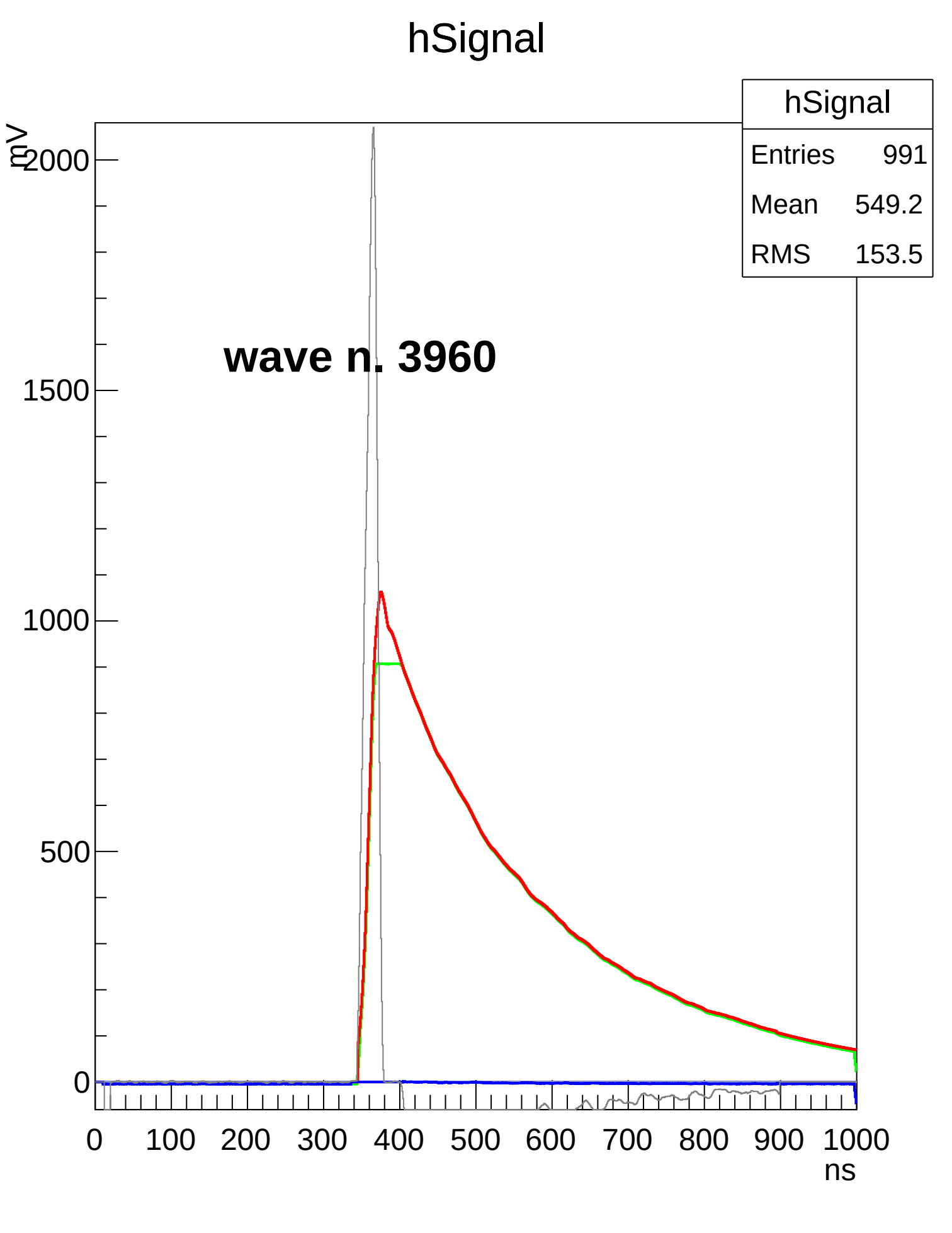
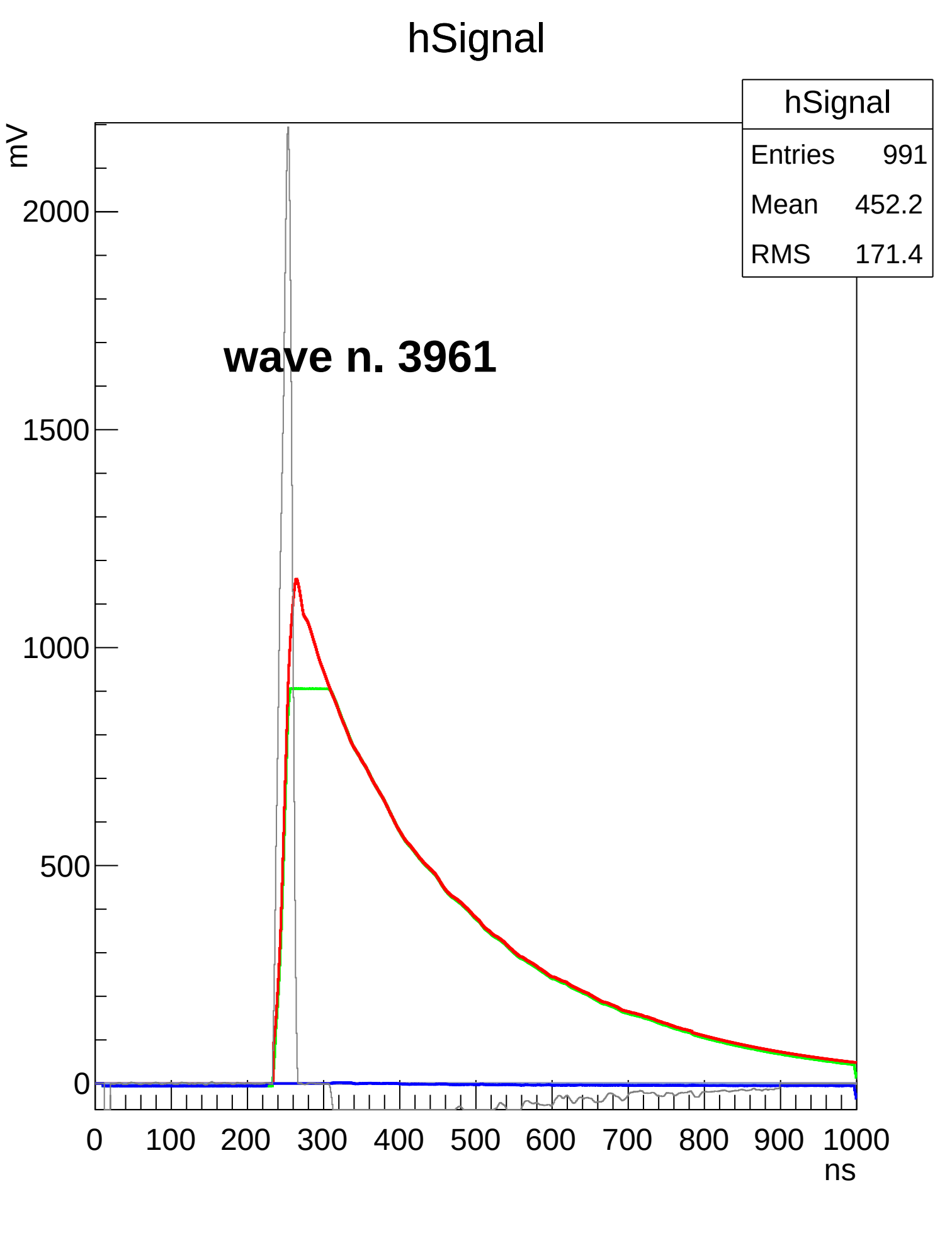
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.2
RMS 153.5
wave n. 3960
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 452.2
RMS 171.4
wave n. 3961
mV
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1500
1000
500
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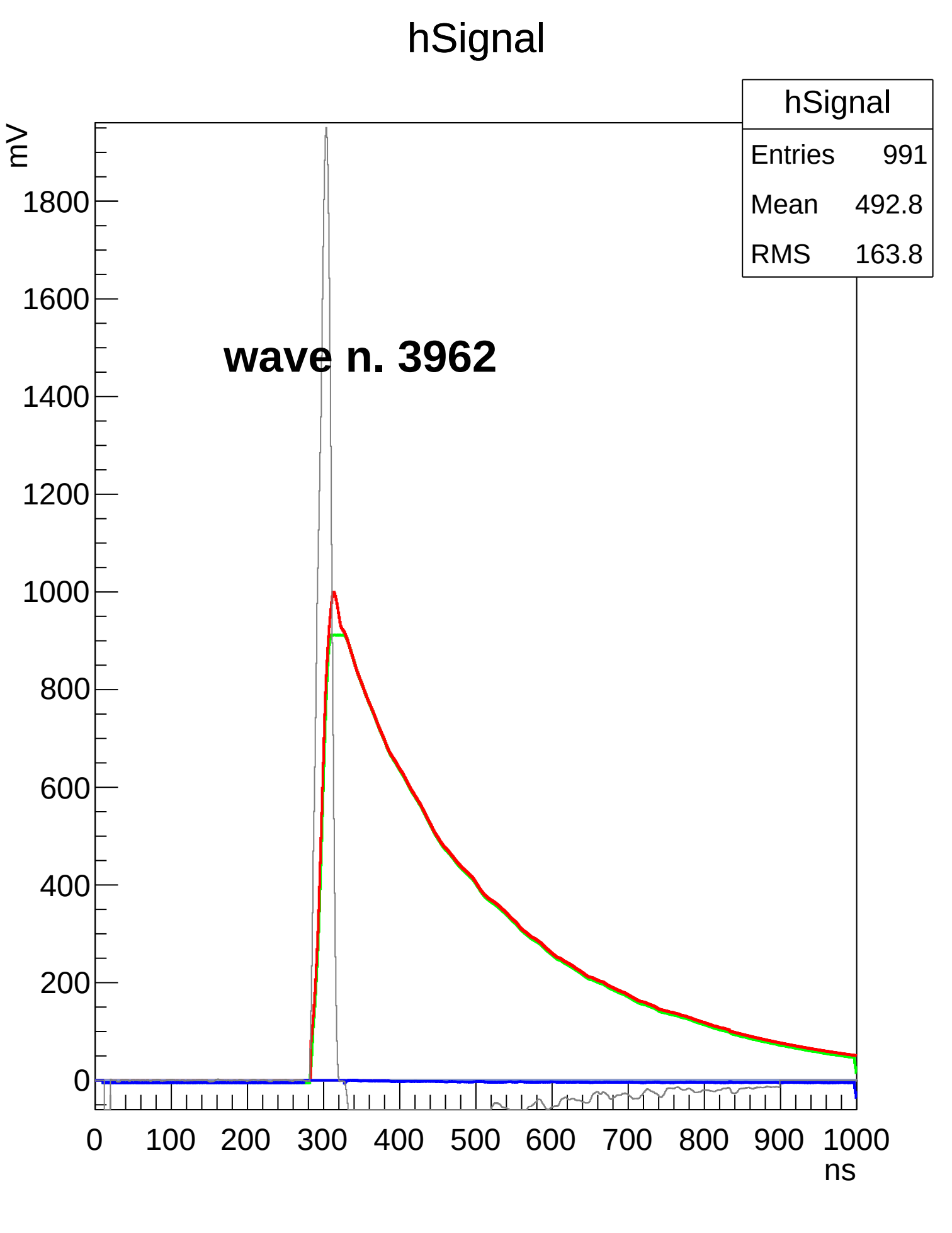
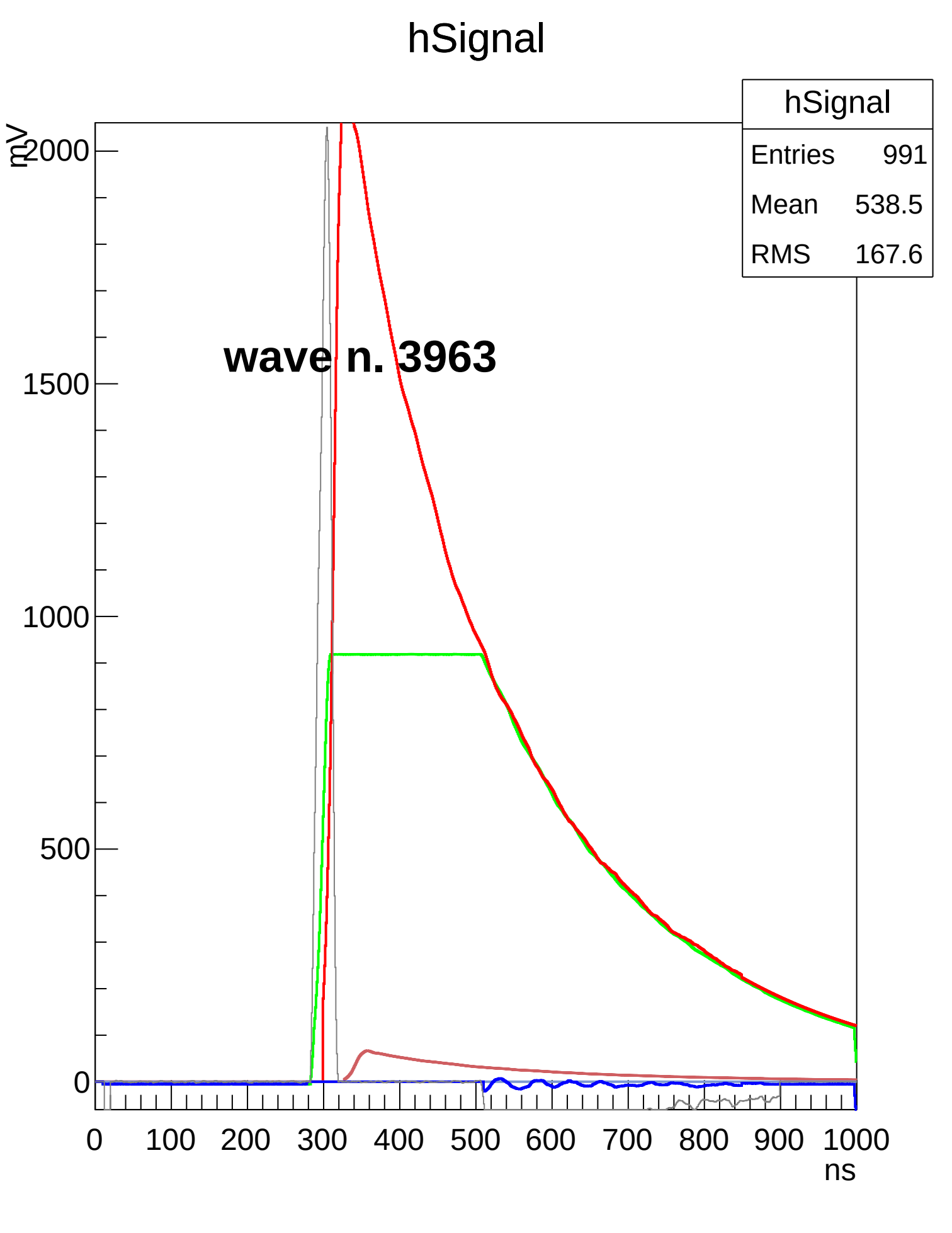
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 492.8
RMS 163.8
wave n. 3962
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 538.5
RMS 167.6
wave n. 3963
mV
2000
1500
1000
500
0
0
100
200
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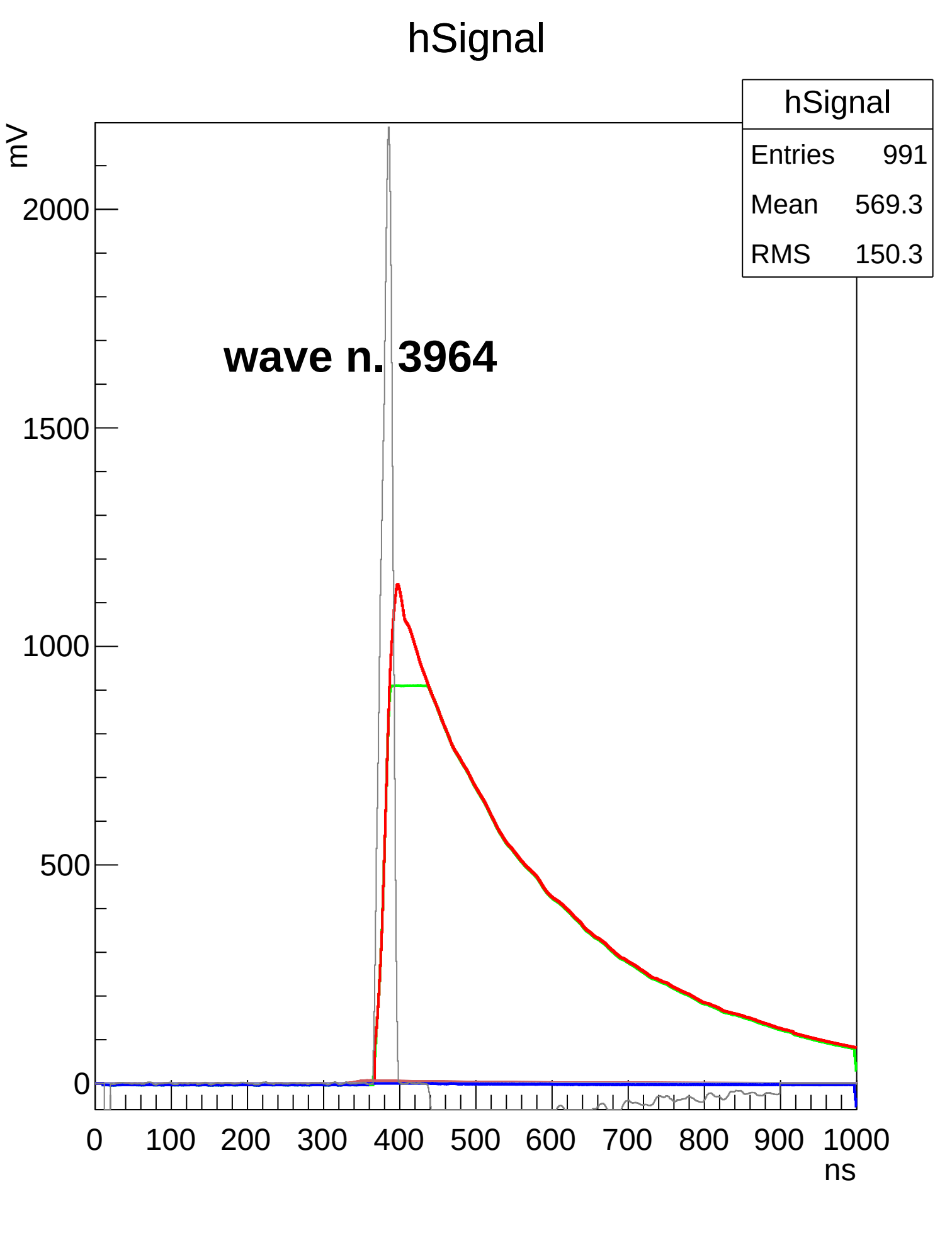
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 569.3
RMS 150.3
wave n. 3964
mV
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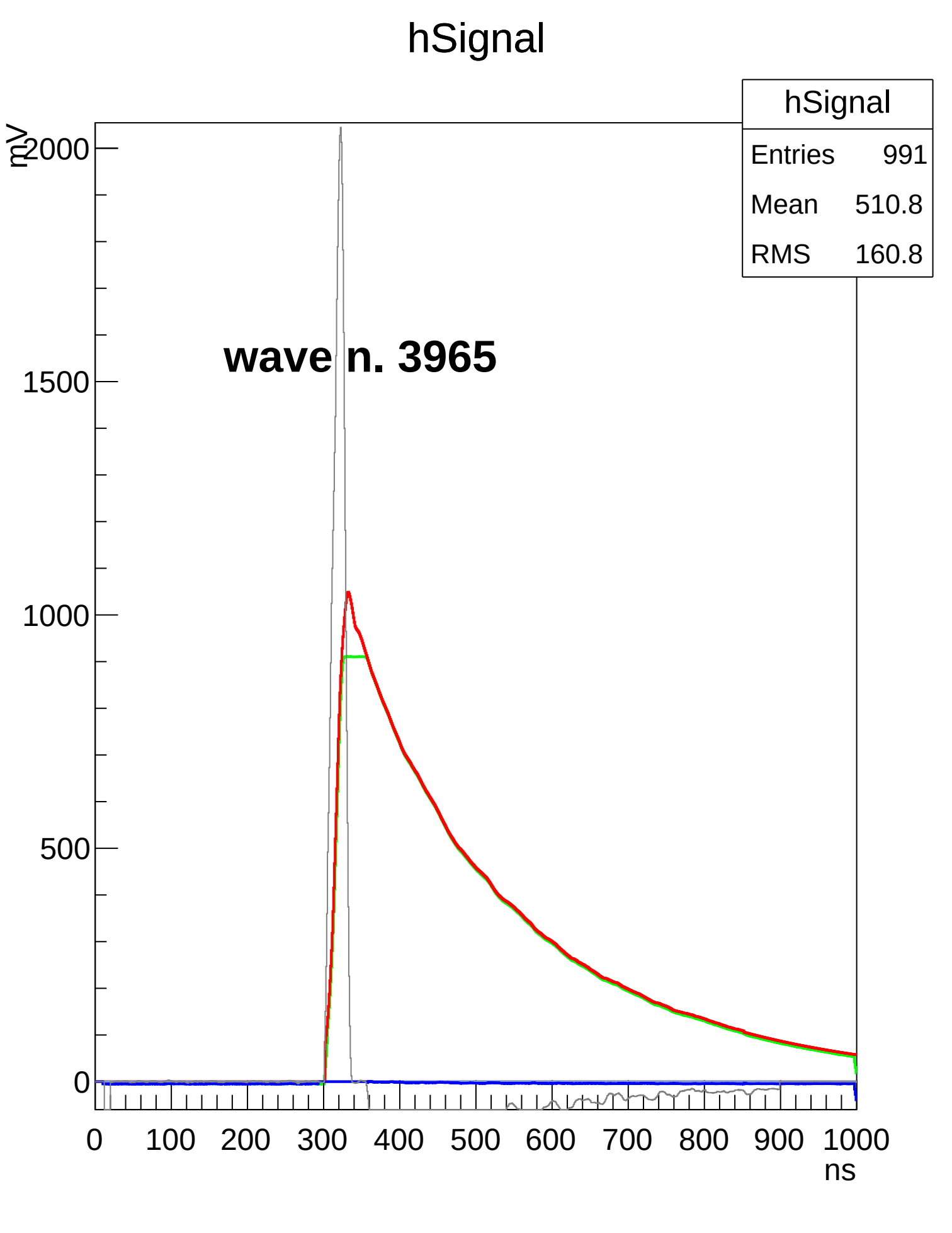
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.8
RMS 160.8
wave n. 3965
mV
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1500
1000
500
0
0
100
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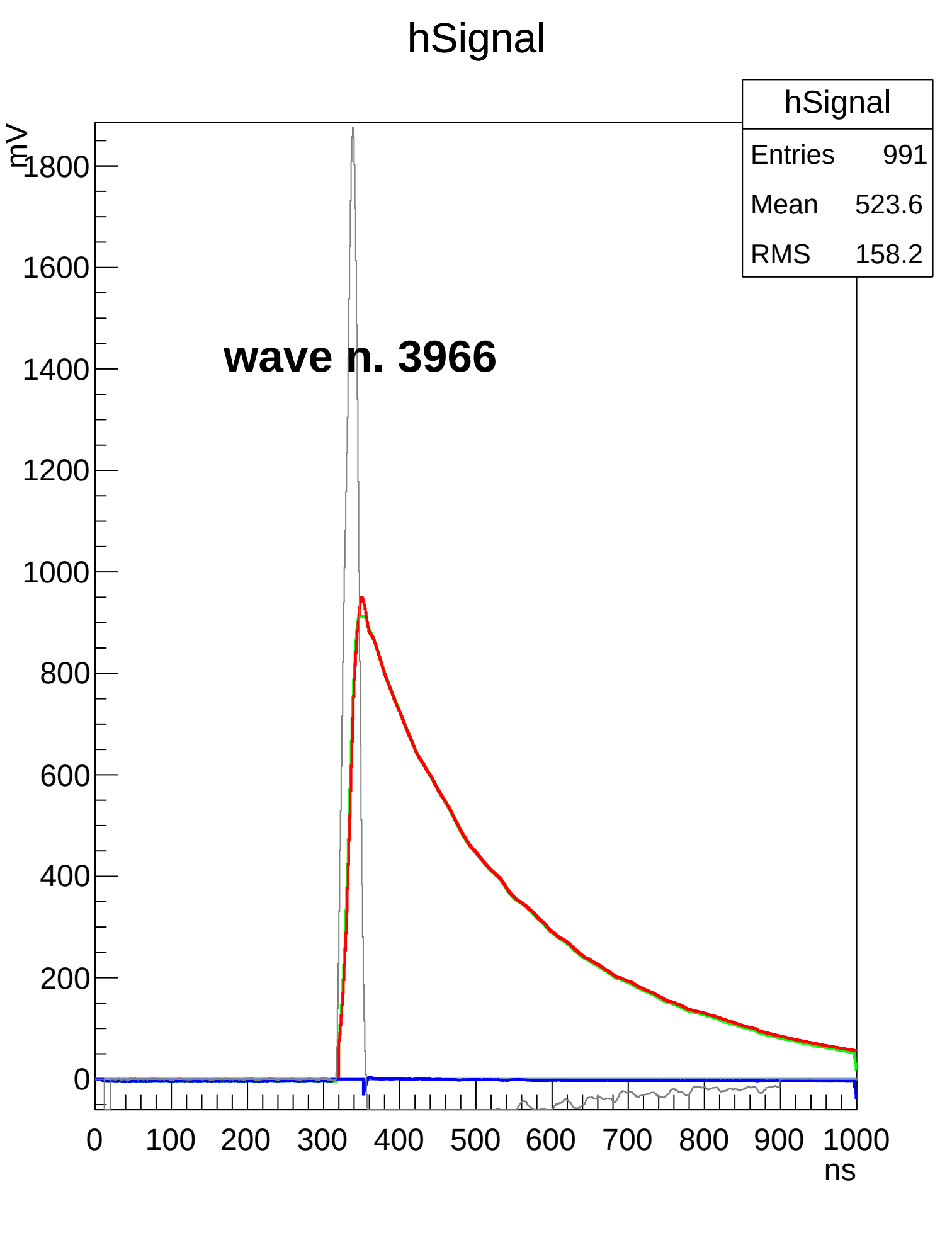
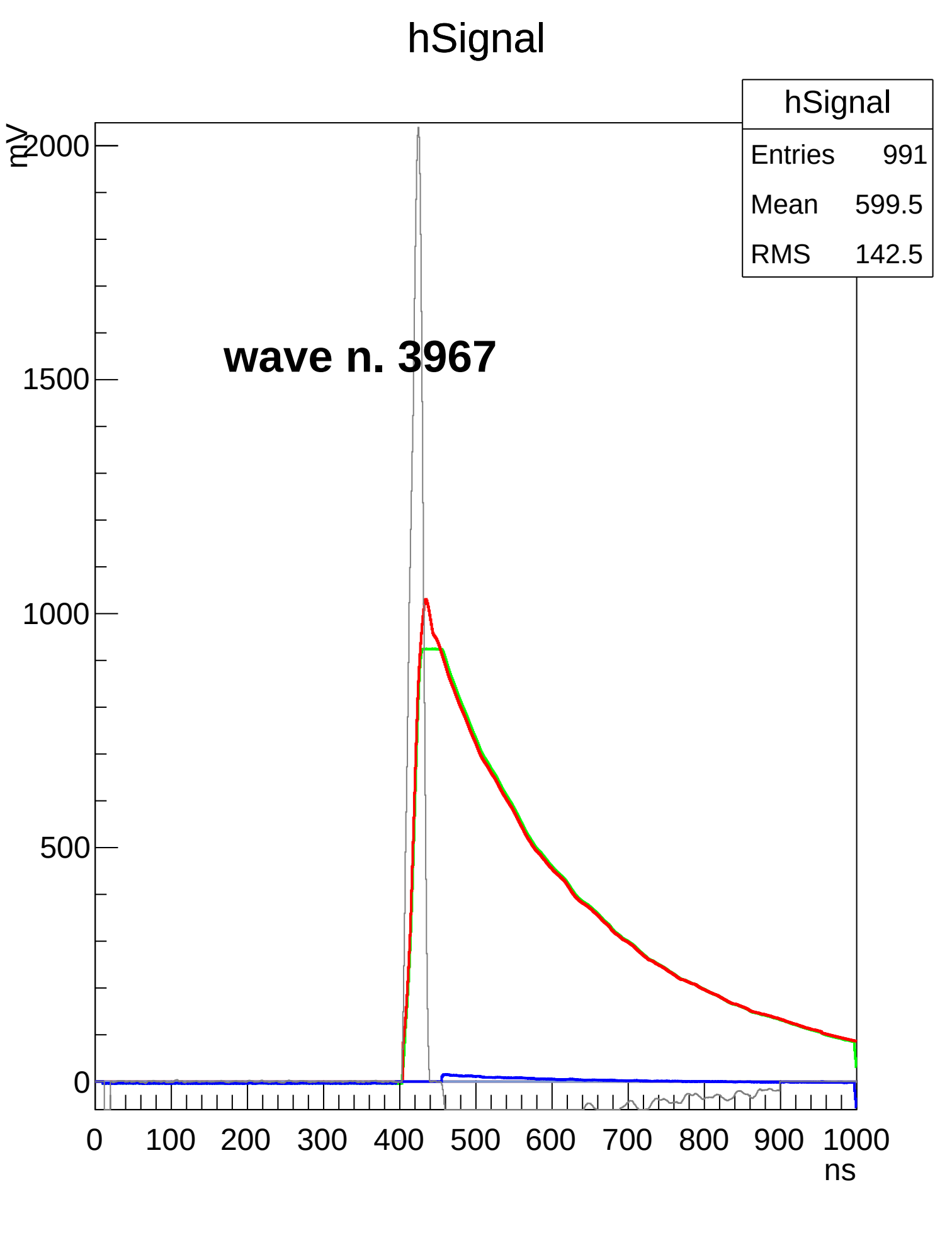
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 523.6
RMS 158.2
wave n. 3966
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 599.5
RMS 142.5
wave n. 3967
mV
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1000
500
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0
100
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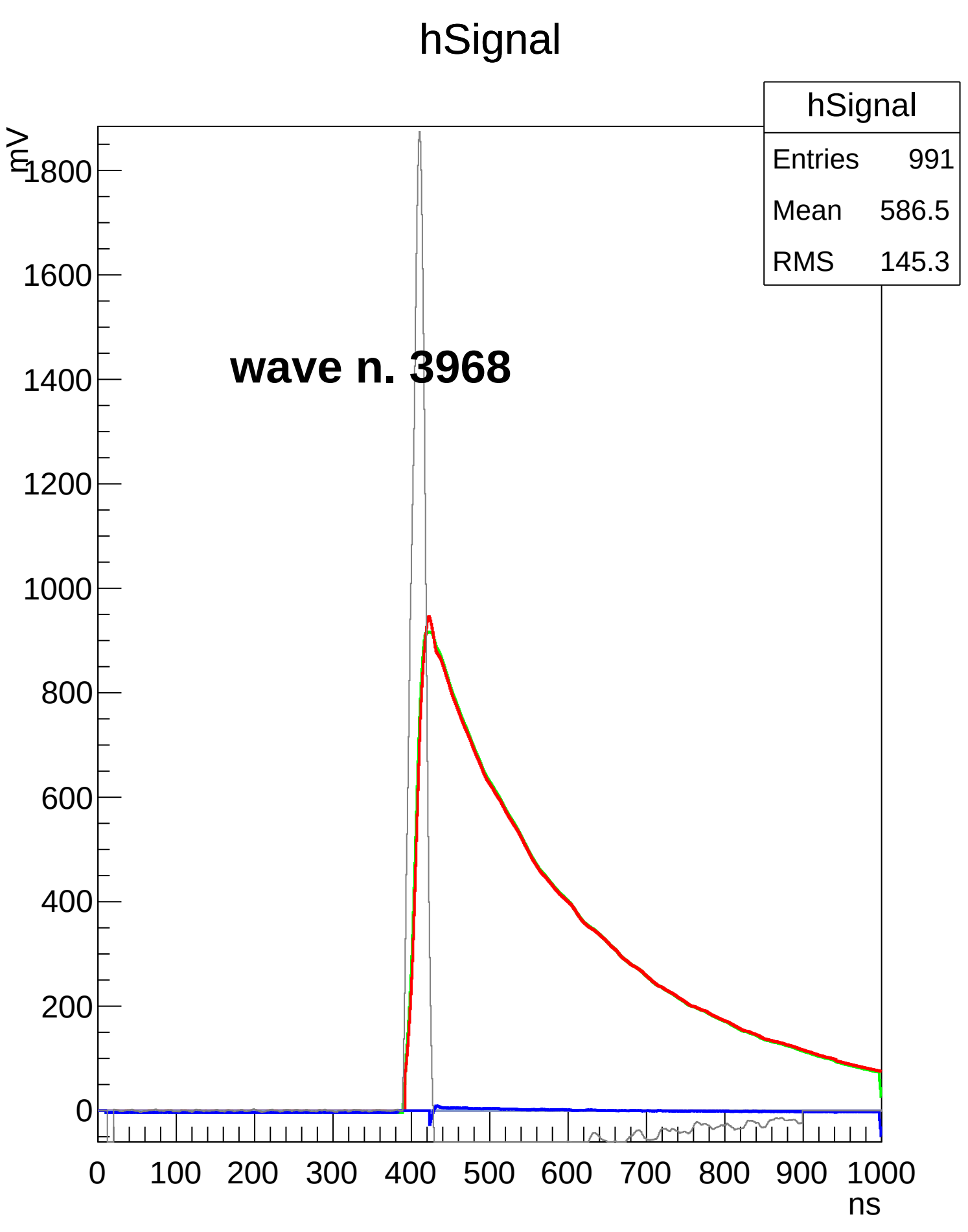
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586.5
RMS 145.3
wave n. 3968
mV
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1600
1400
1200
1000
800
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400
200
0
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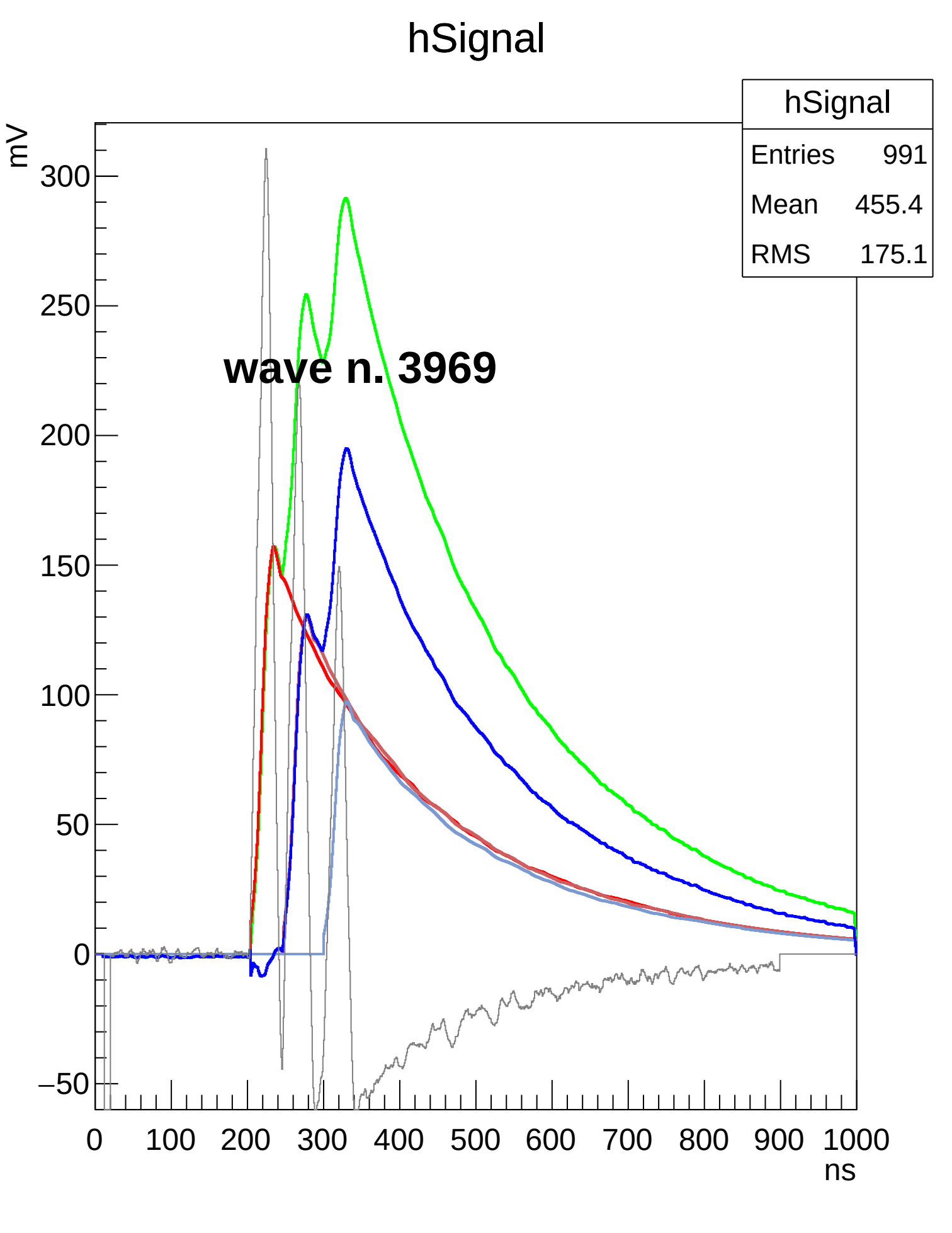
hSignal
hSignal
Entries 991
Mean 455.4
RMS 175.1
wave n. 3969
mV
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400
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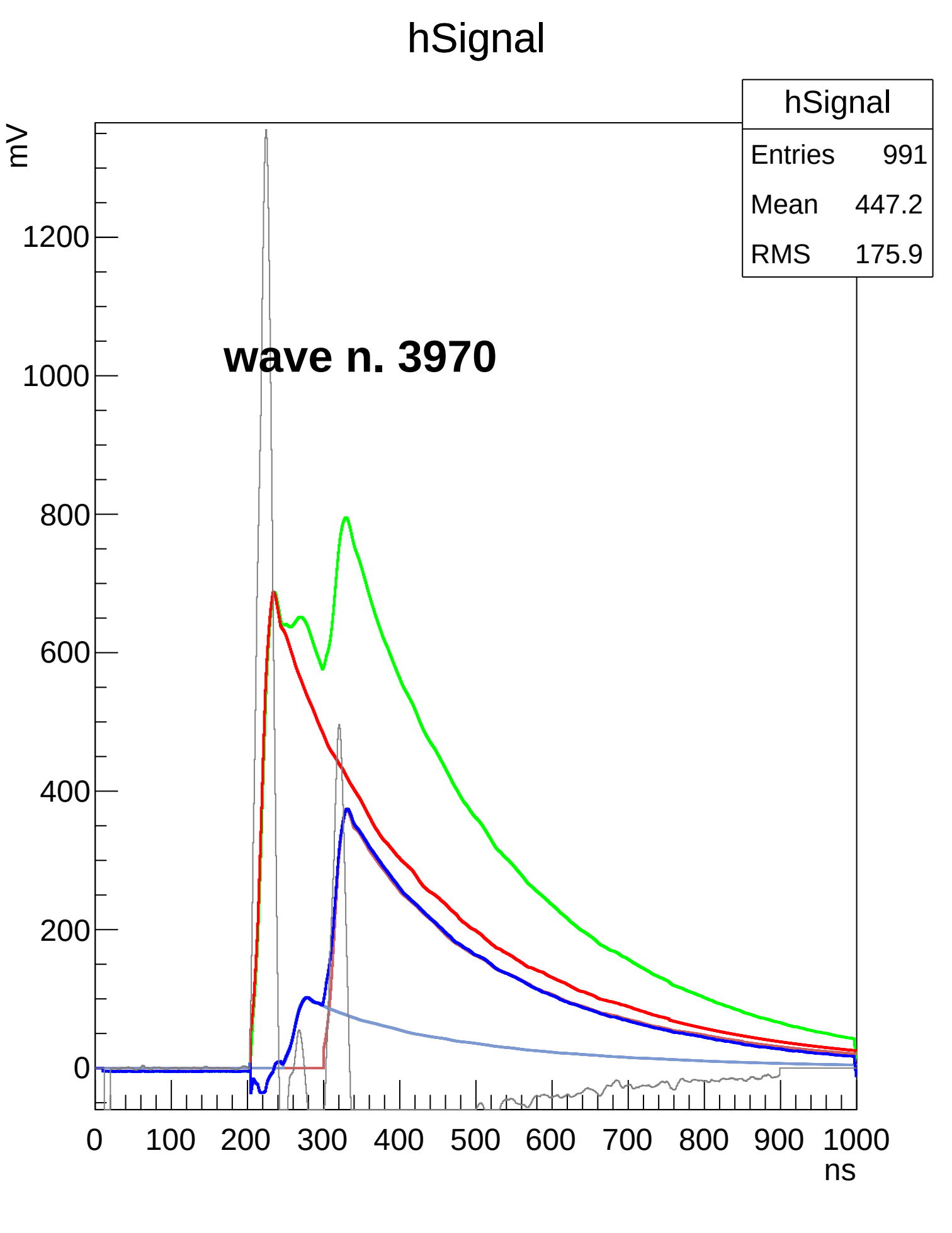
hSignal
hSignal
Entries 991
Mean 447.2
RMS 175.9
wave n. 3970
mV
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1000
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400
200
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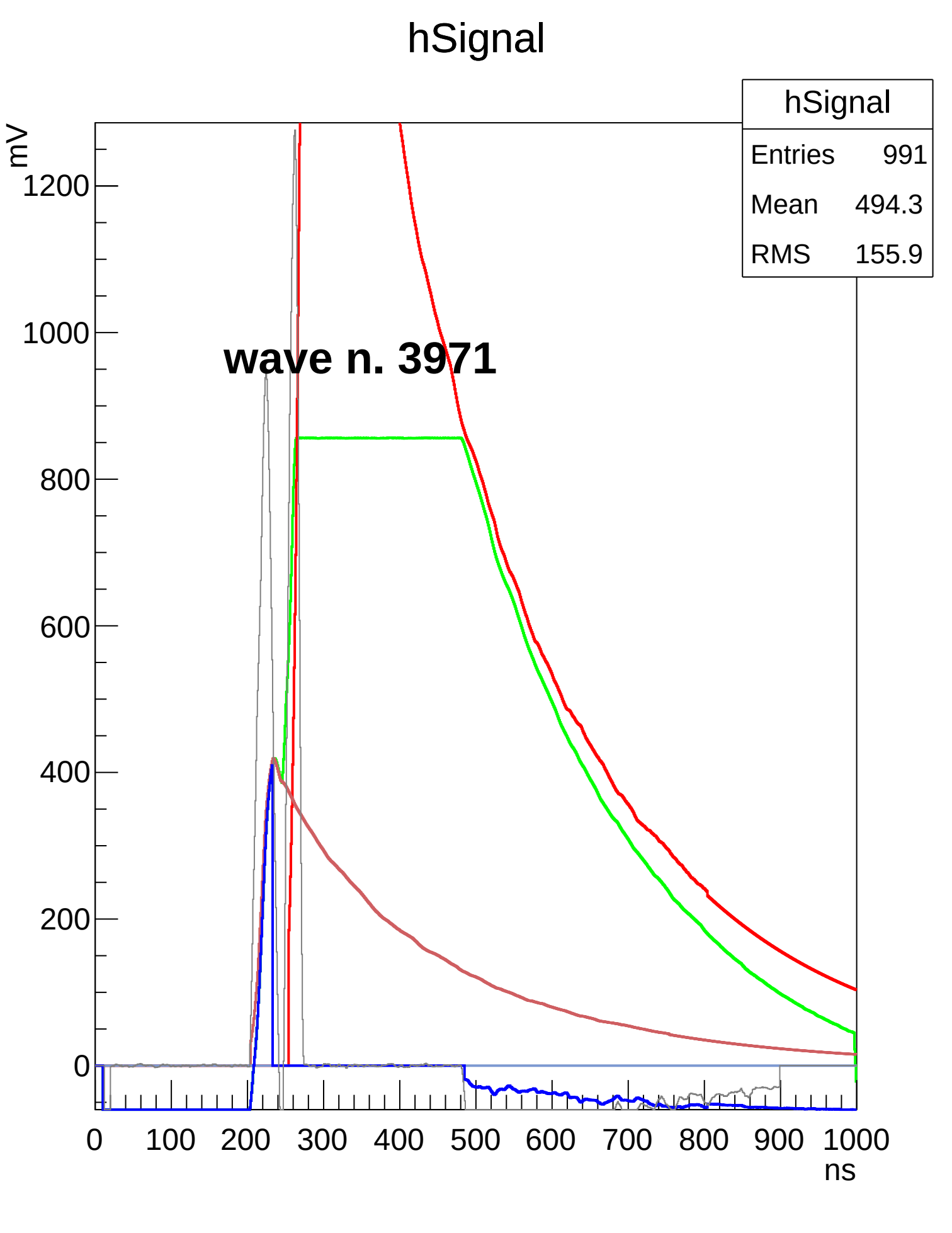
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hSignal
Entries 991
Mean 494.3
RMS 155.9
wave n. 3971
mV
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200
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400
500
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800
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1000
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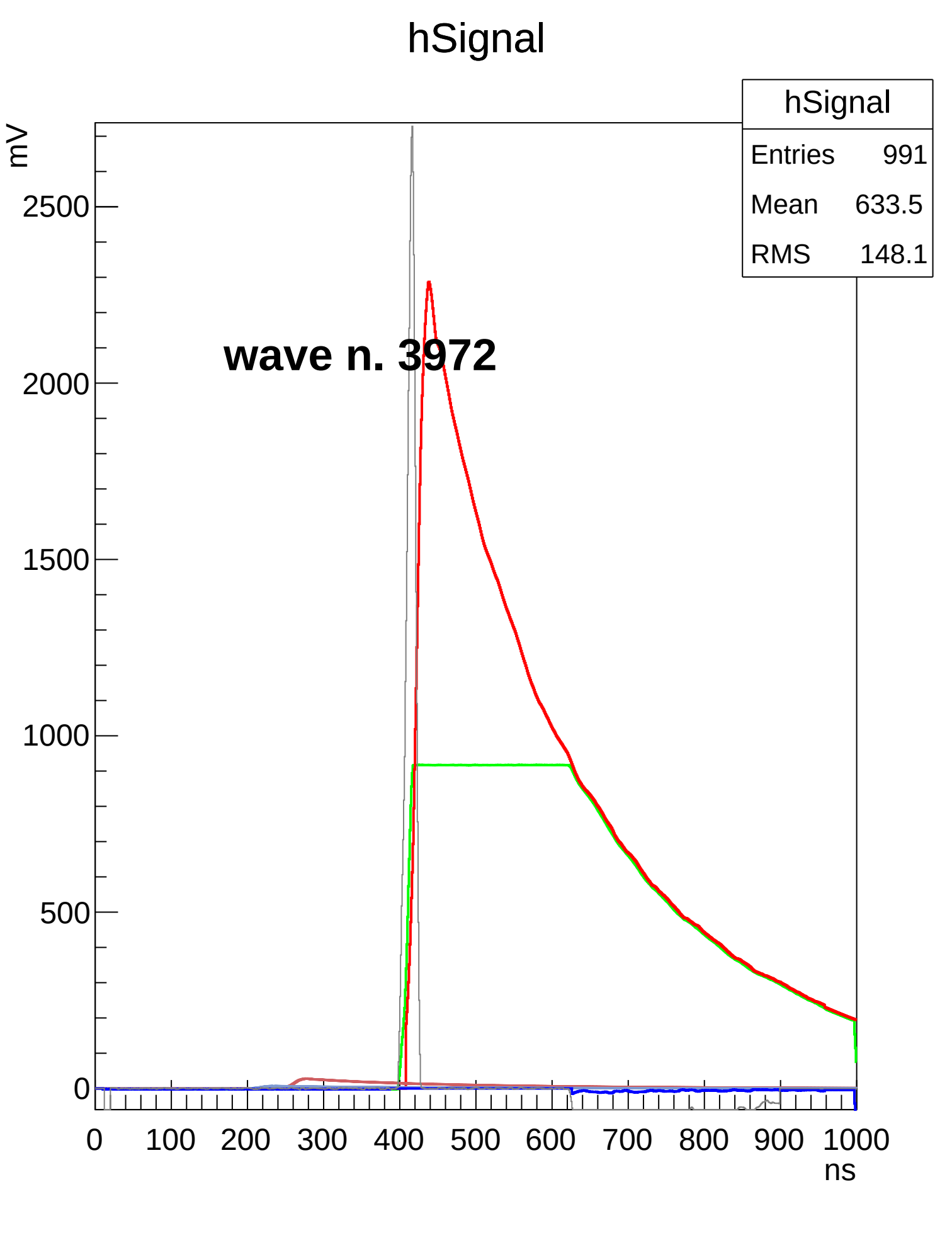
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Entries 991
Mean 633.5
RMS 148.1
wave n. 3972
mV
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400
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1000
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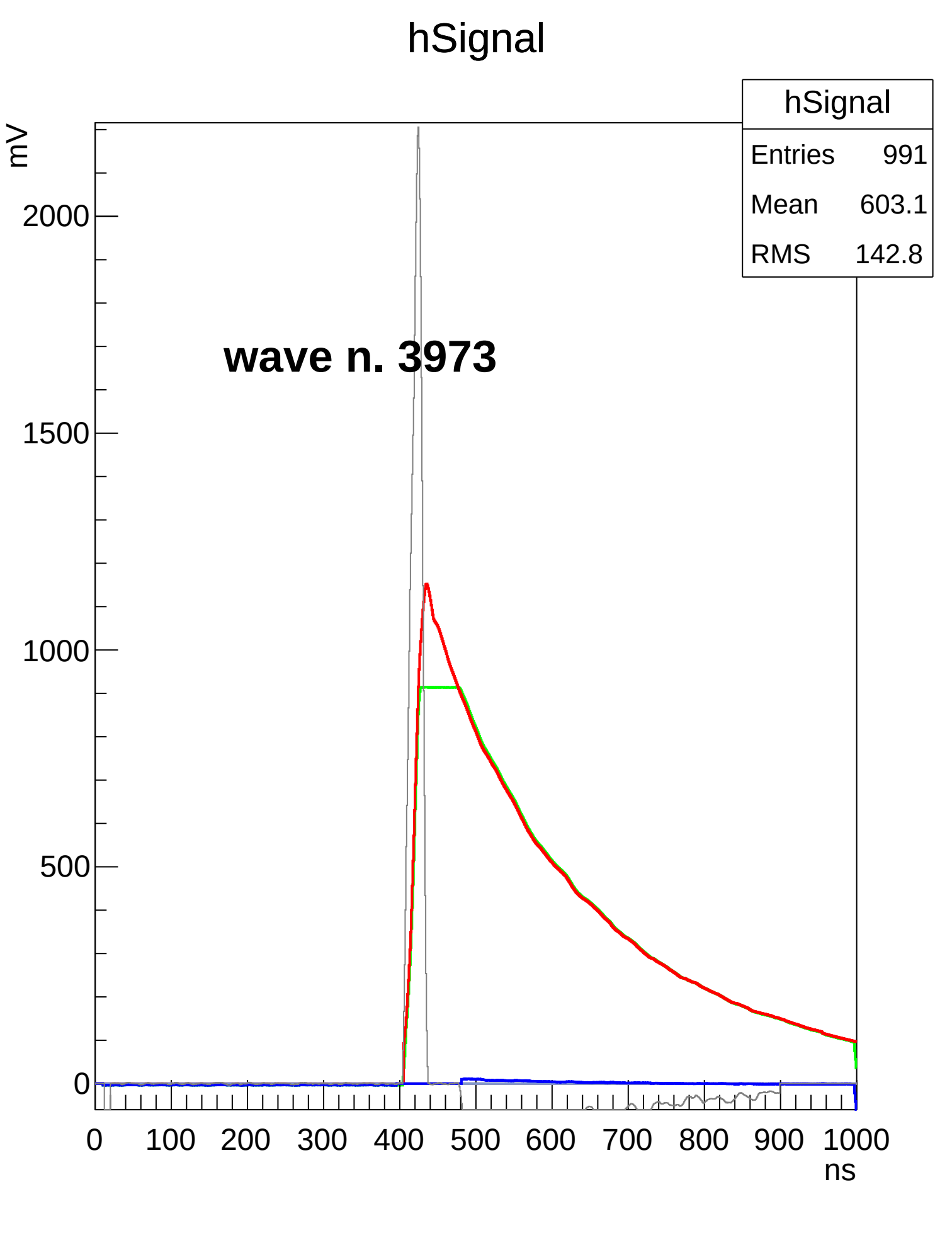
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Entries 991
Mean 603.1
RMS 142.8
wave n. 3973
mV
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400
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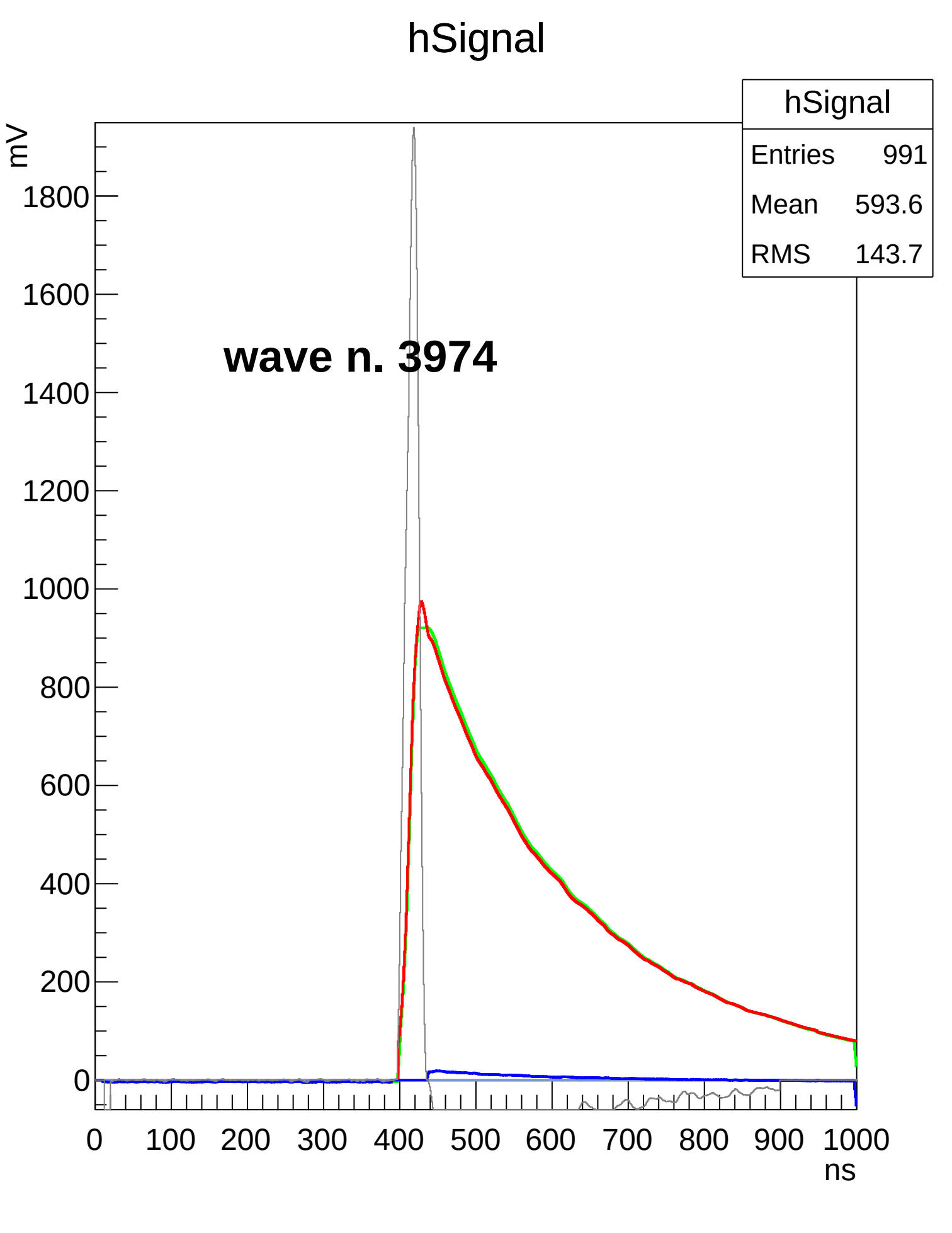
1000
ns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hSignal
Entries 991
Mean 593.6
RMS 143.7
wave n. 3974
mV
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800
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400
200
0
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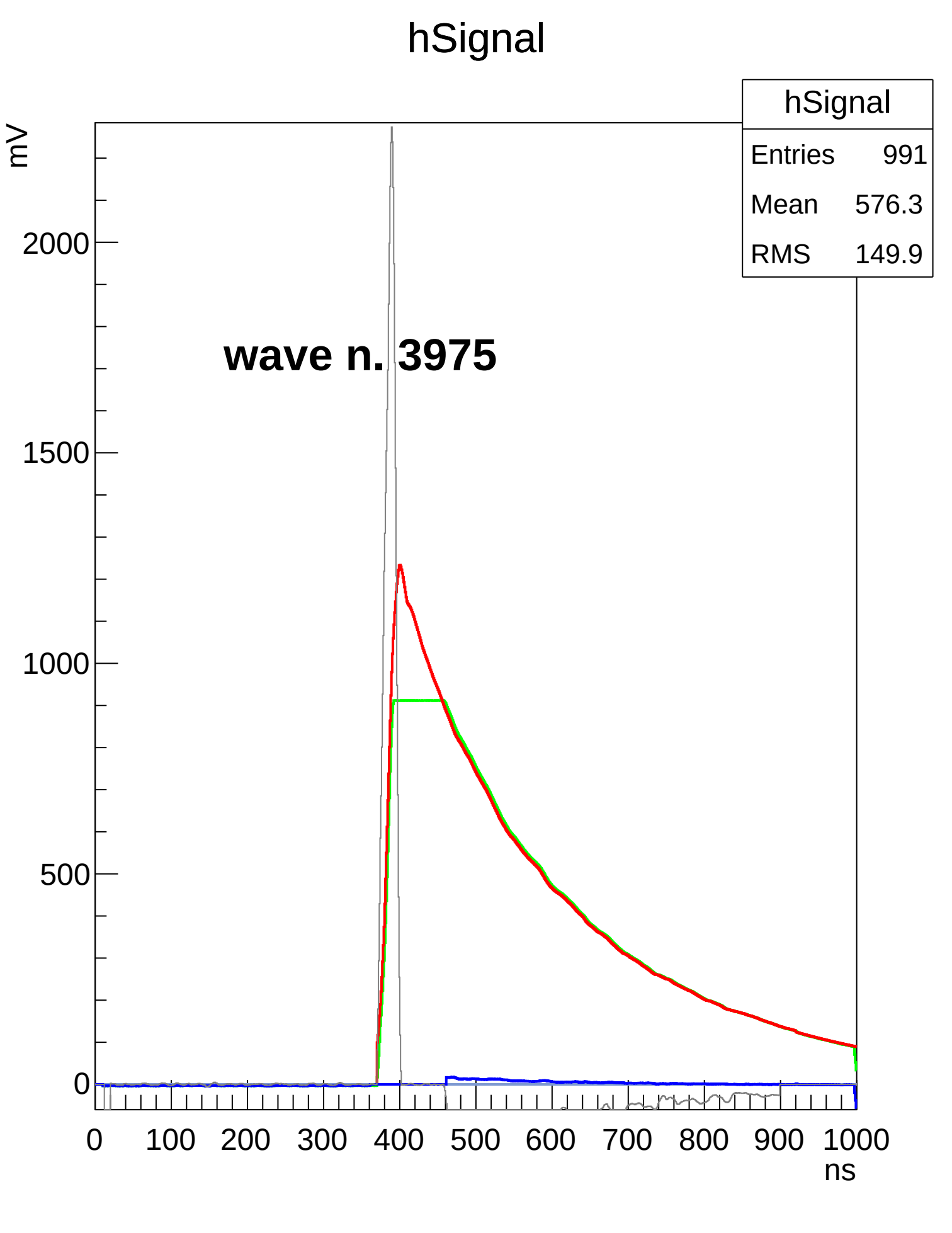
ns


hSignal
hSignal
Entries 991
Mean 576.3
RMS 149.9
wave n. 3975
mV
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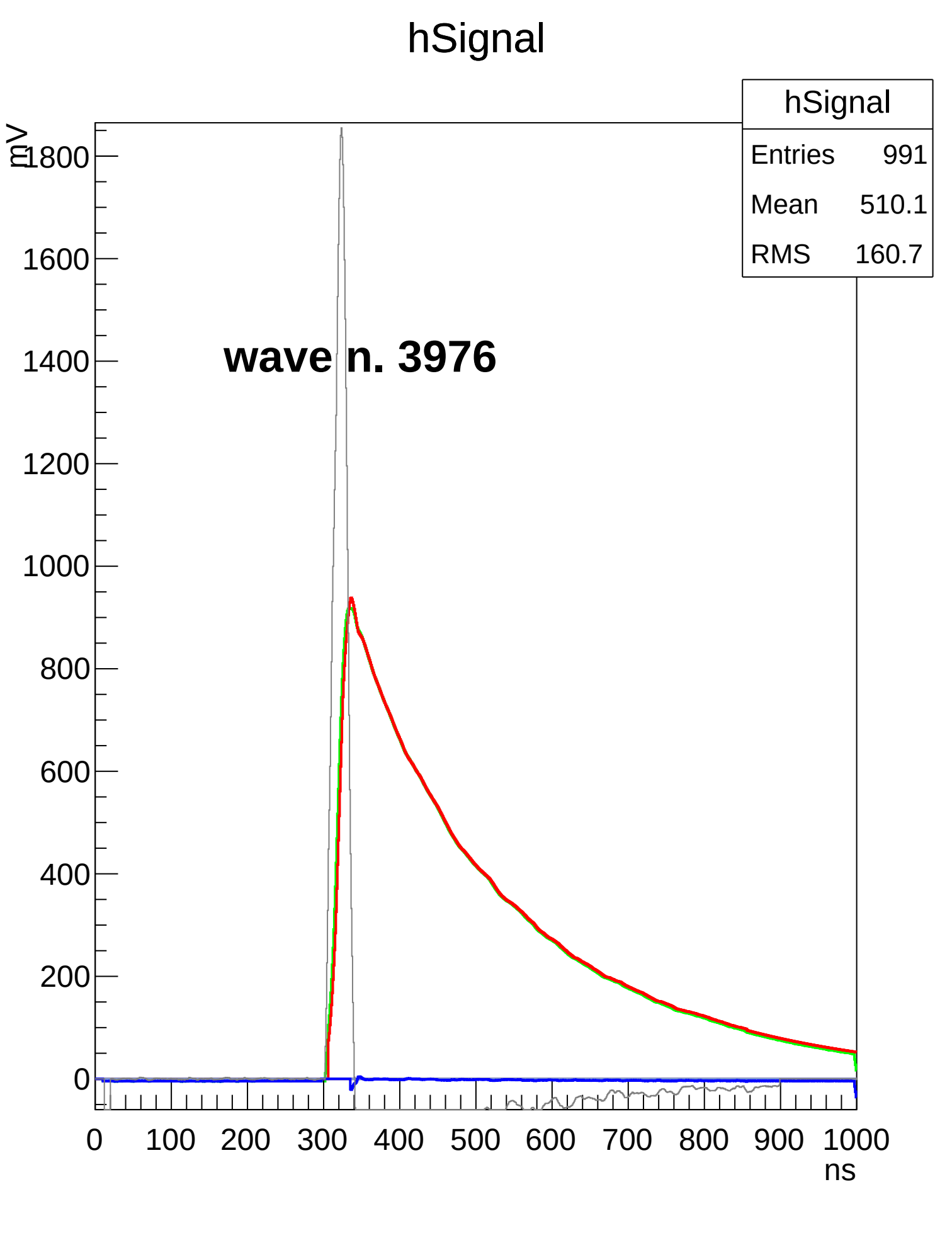
ns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hSignal
Entries 991
Mean 510.1
RMS 160.7
wave n. 3976
mV
1800
1600
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1000
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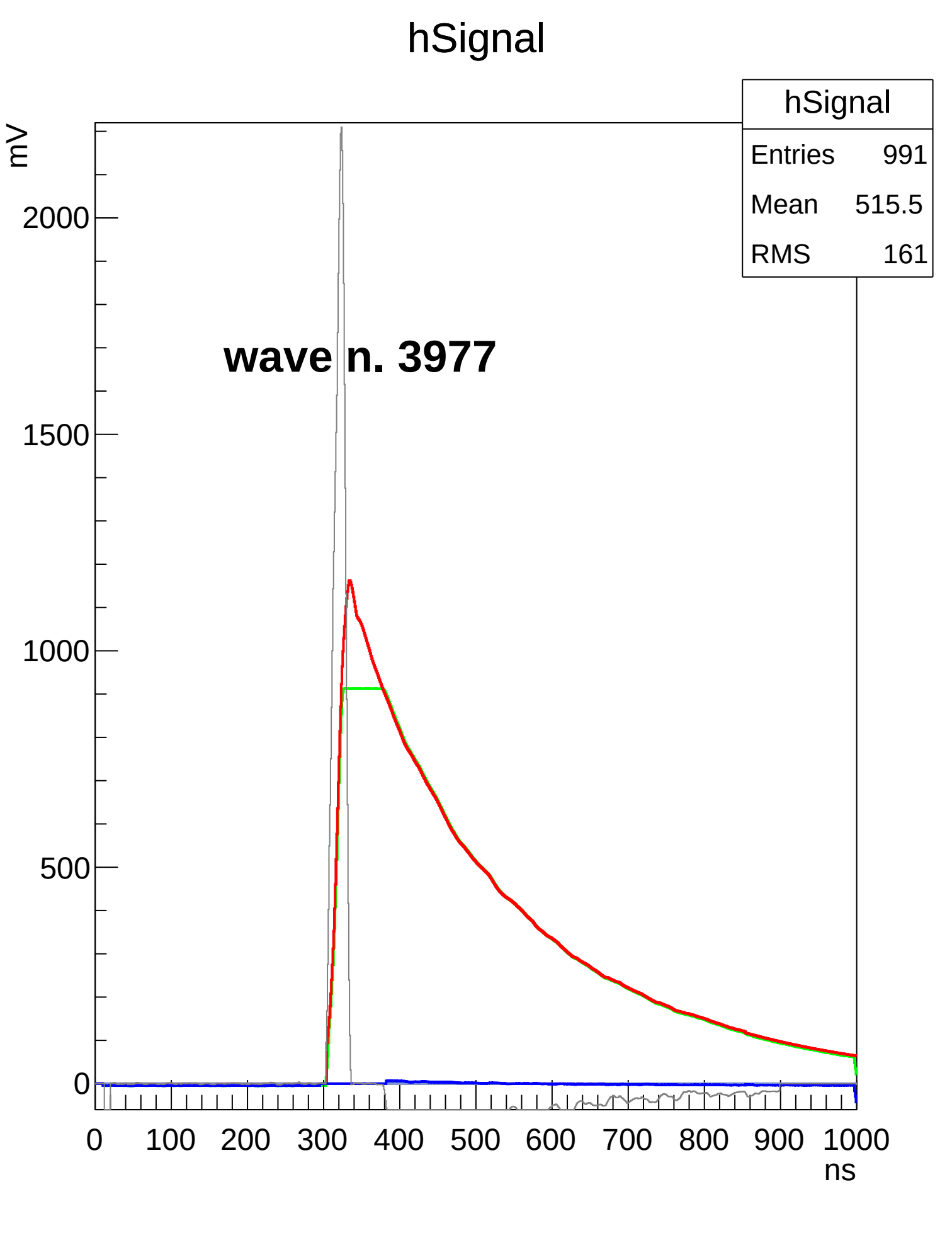
hSignal
hSignal
Entries 991
Mean 515.5
RMS 161
wave n. 3977
mV
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1000
500
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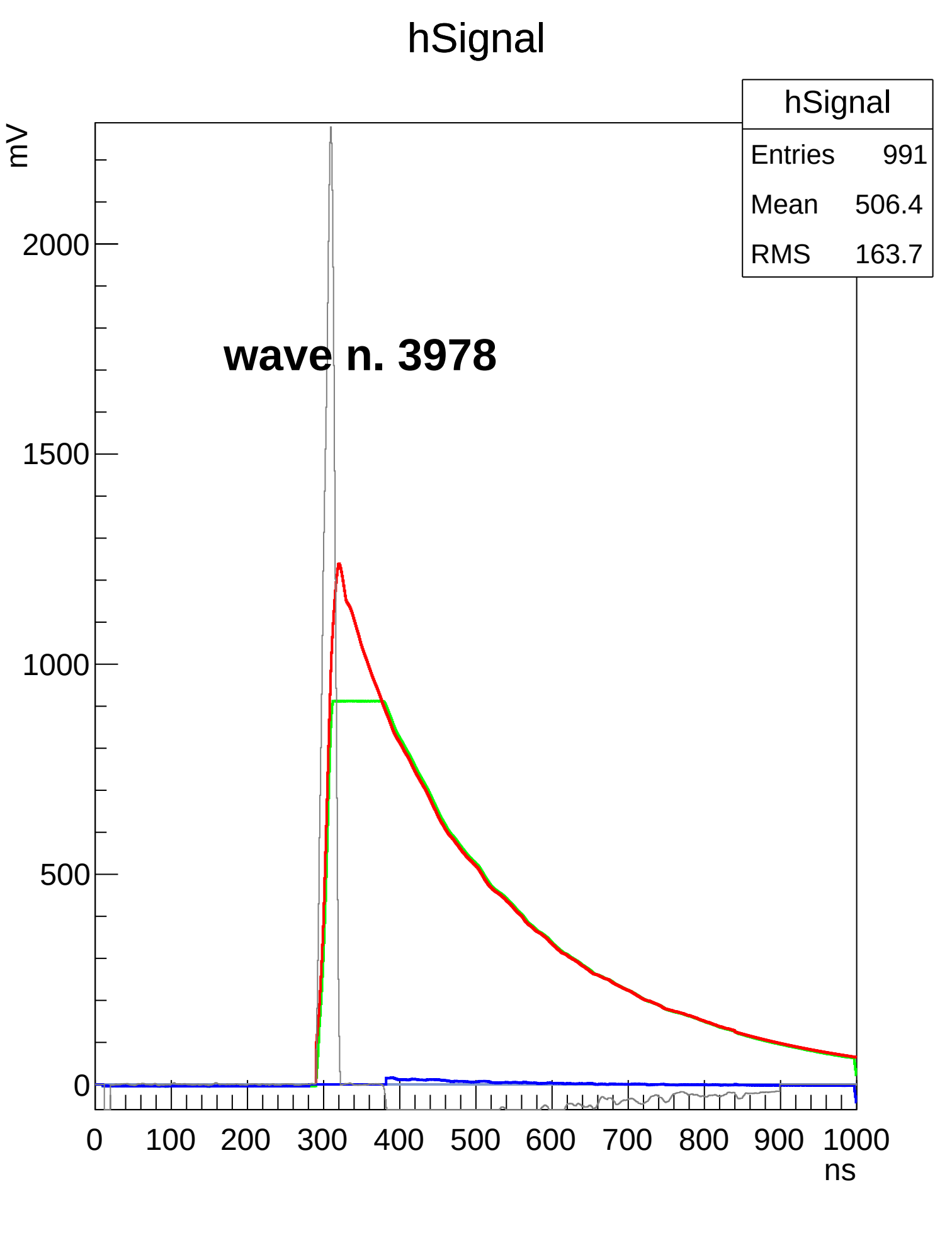
ns


hSignal
hSignal
Entries 991
Mean 506.4
RMS 163.7
wave n. 3978
mV
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1000
500
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0
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400
500
600
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800
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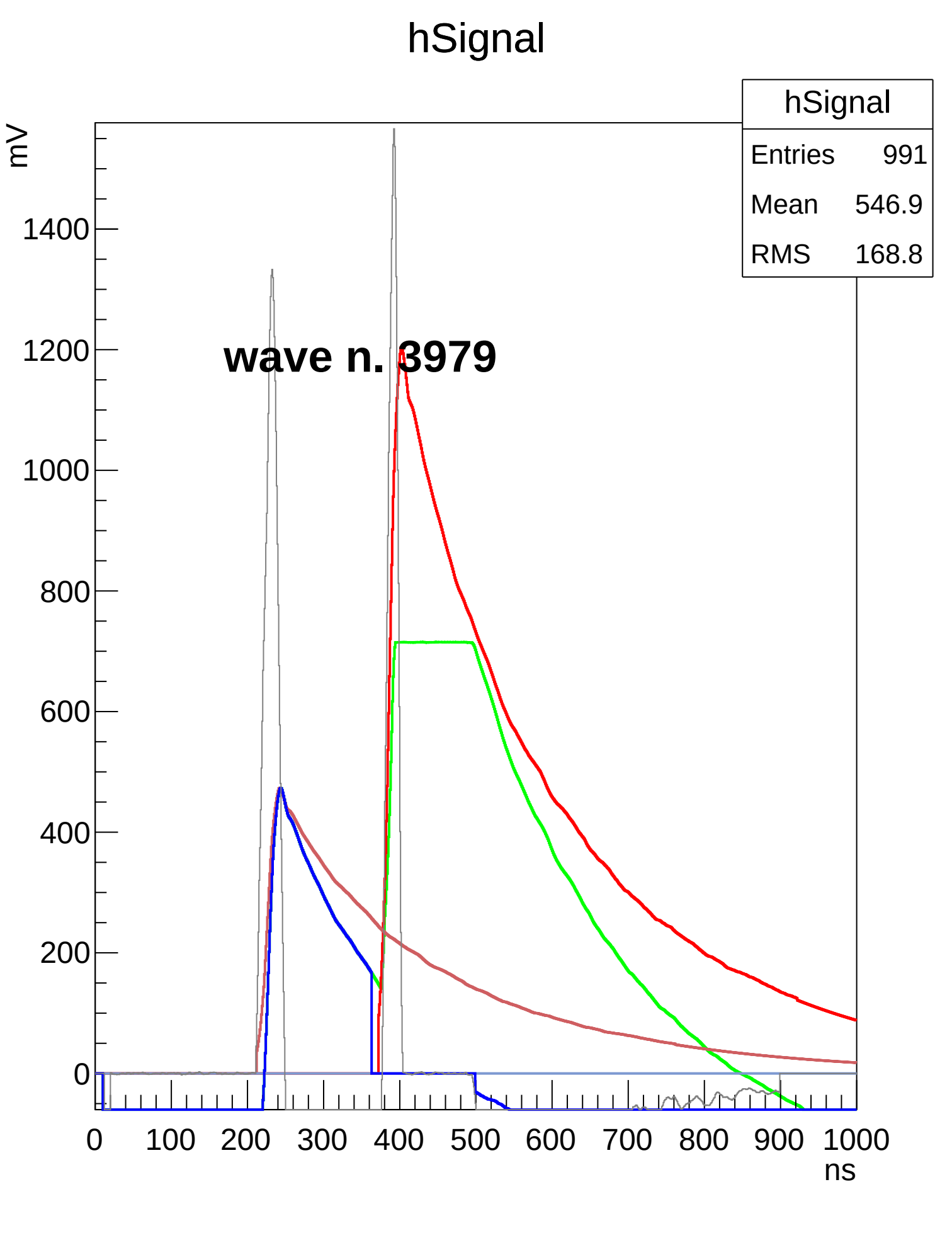
1000
ns


hSignal
hSignal
Entries 991
Mean 546.9
RMS 168.8
wave n. 3979
mV
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400
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1000
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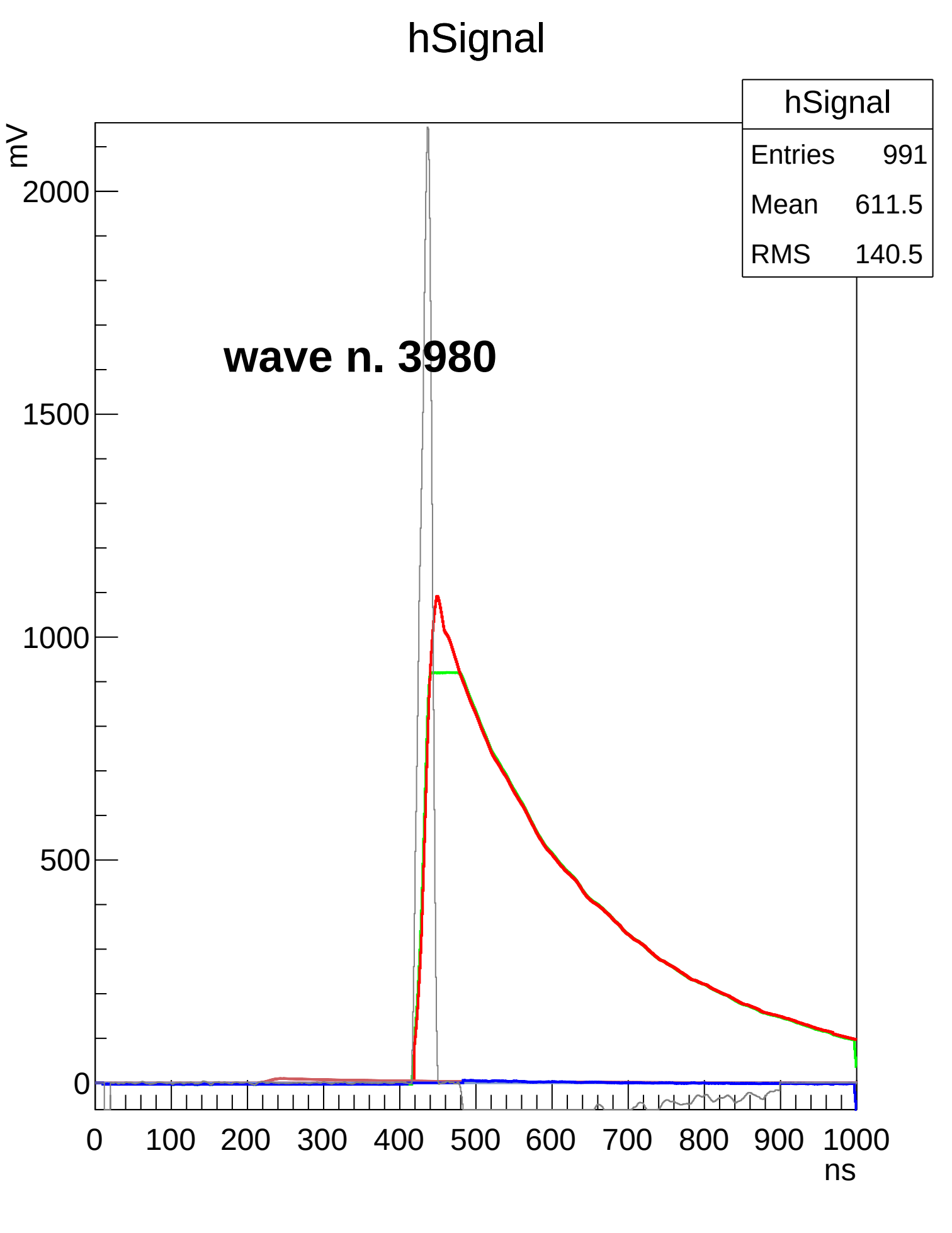
hSignal
hSignal
Entries 991
Mean 611.5
RMS 140.5
wave n. 3980
mV
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1500
1000
500
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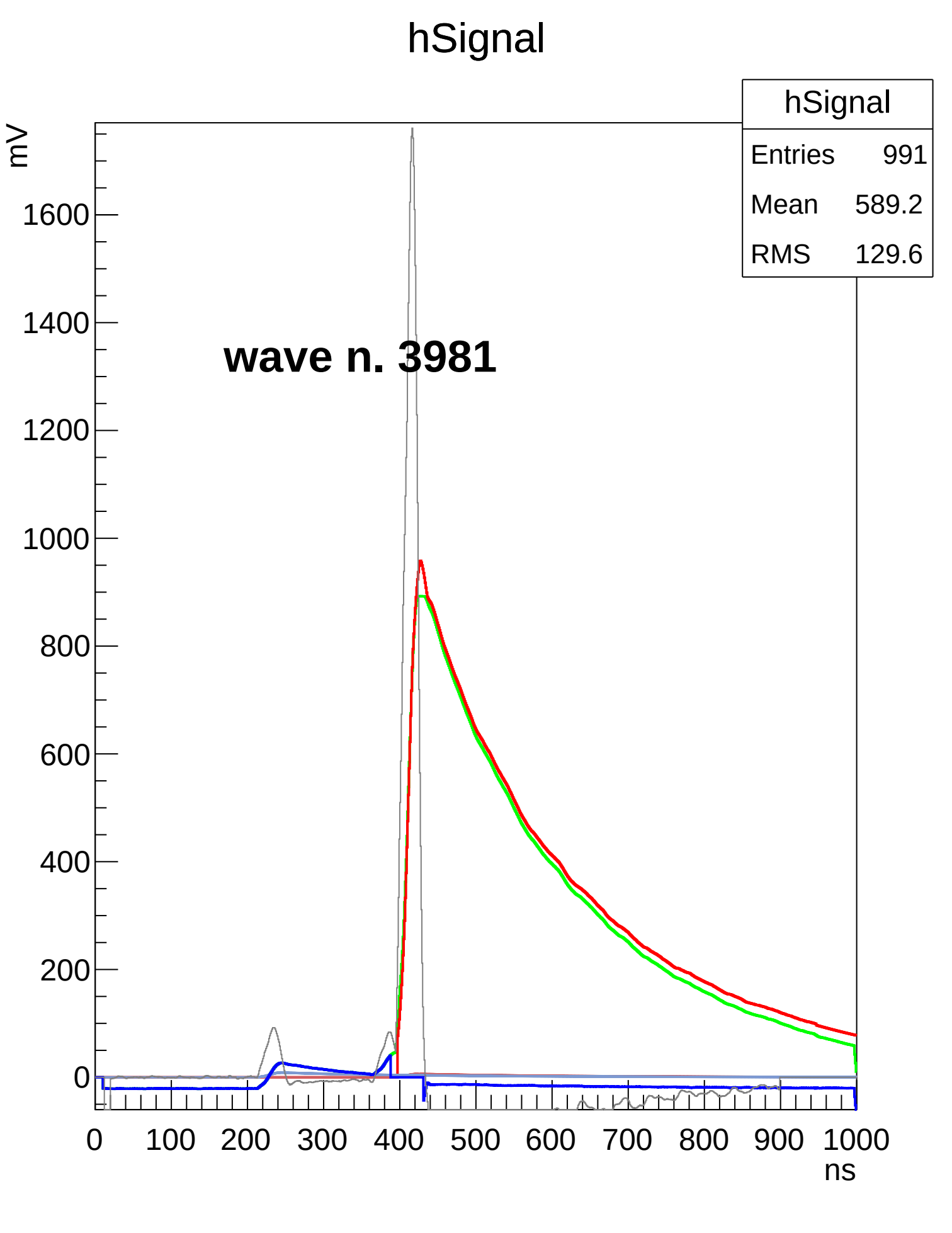
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 589.2
RMS 129.6
wave n. 3981
mV
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1200
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400
200
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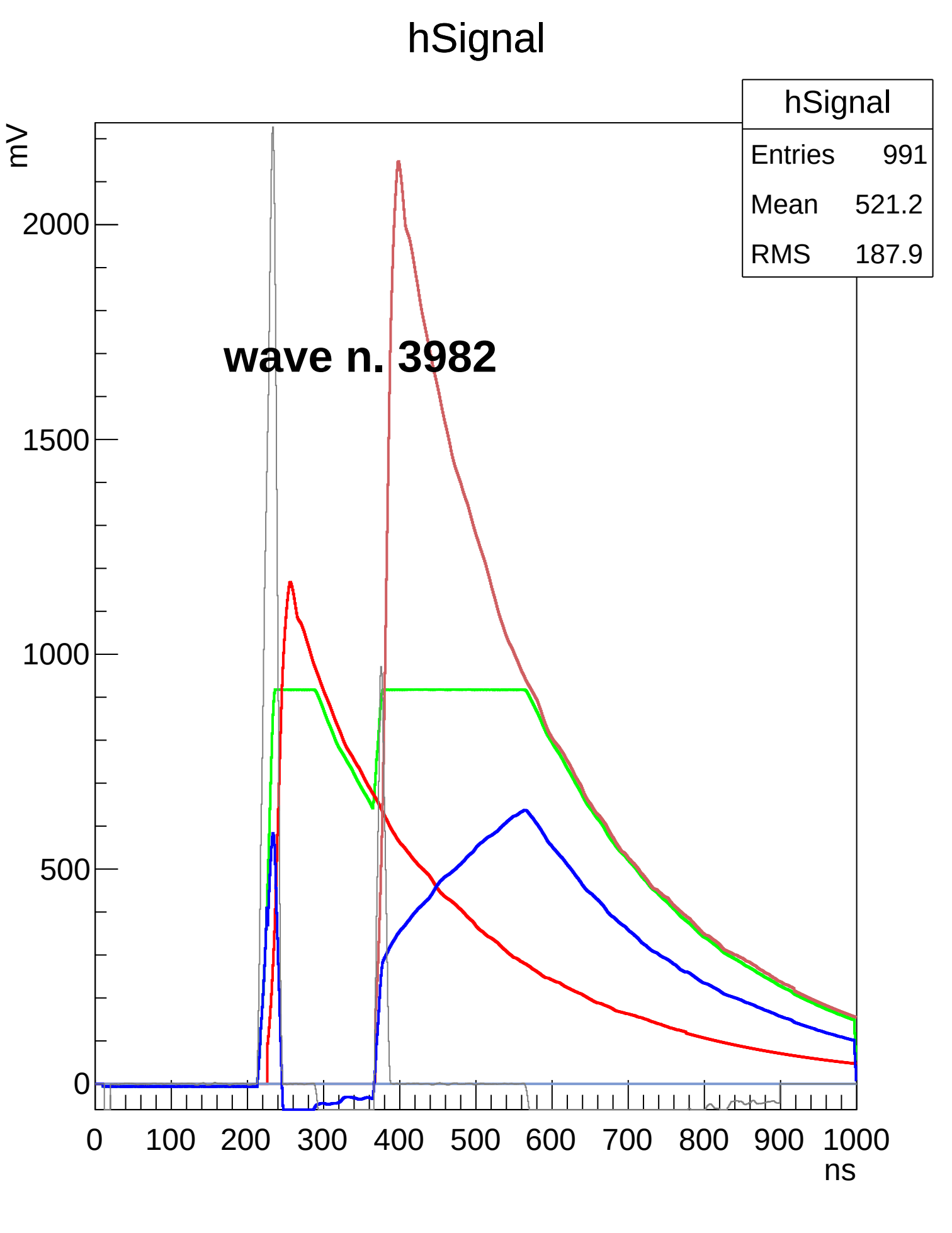
ns


hSignal
hSignal
Entries 991
Mean 521.2
RMS 187.9
wave n. 3982
mV
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1000
500
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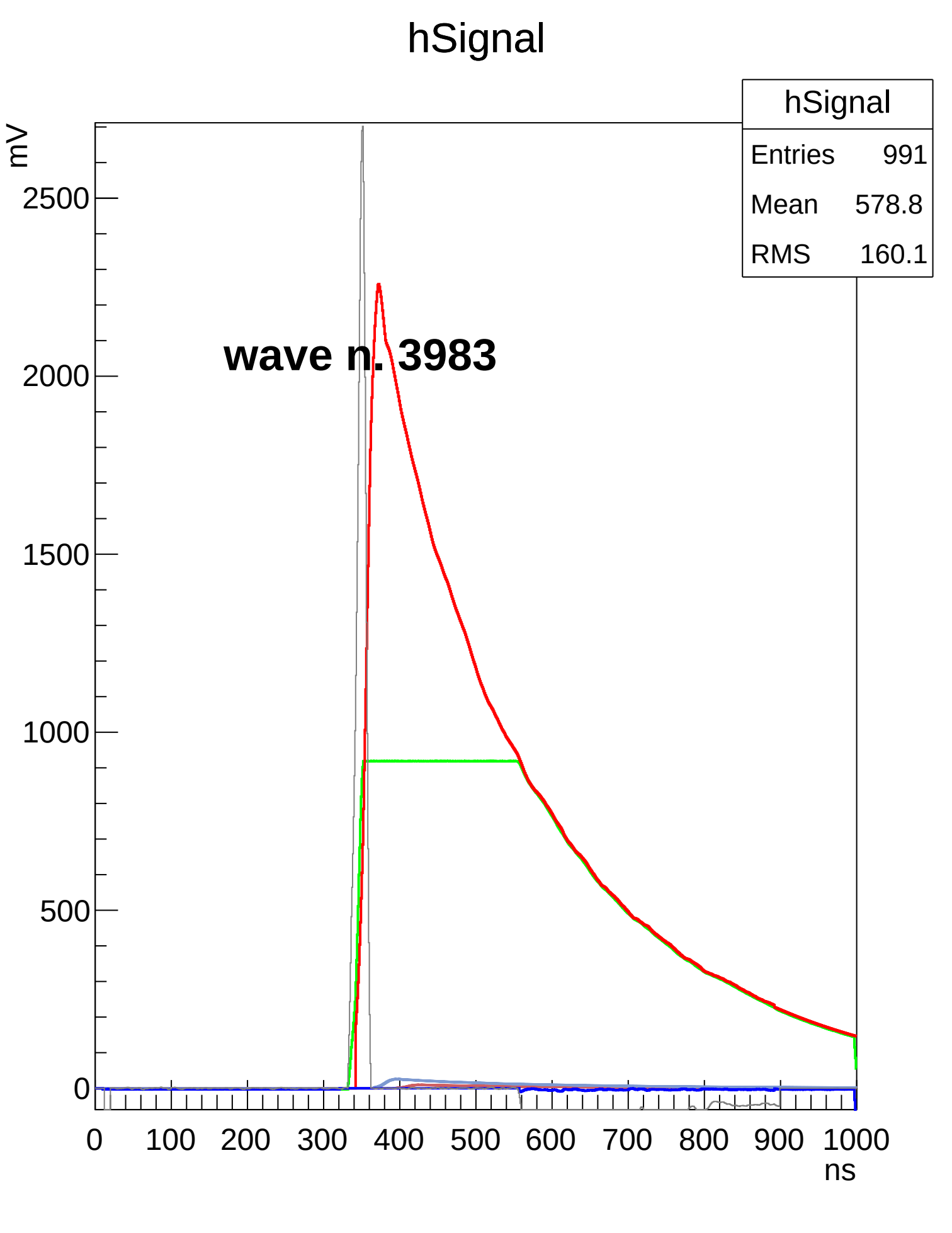
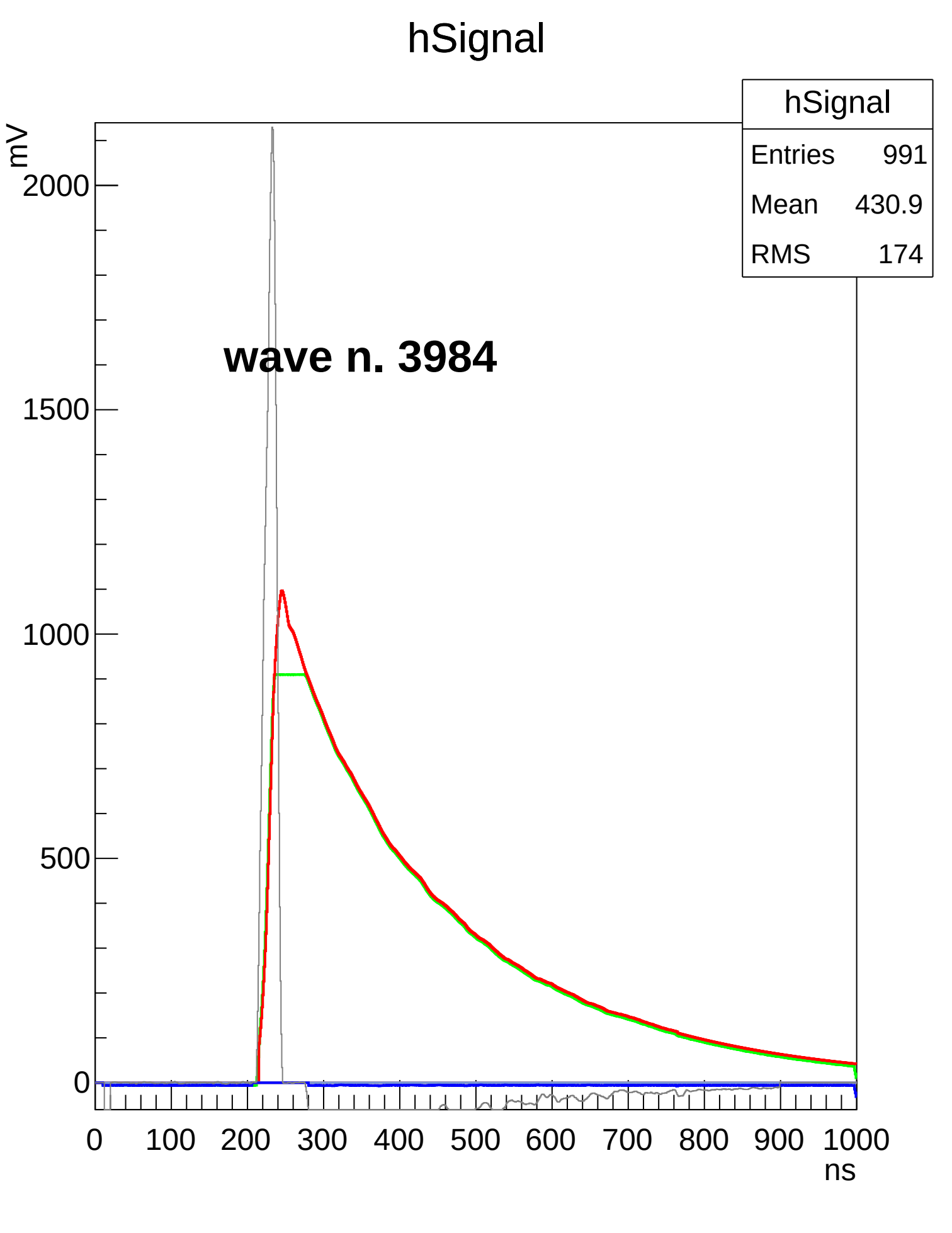
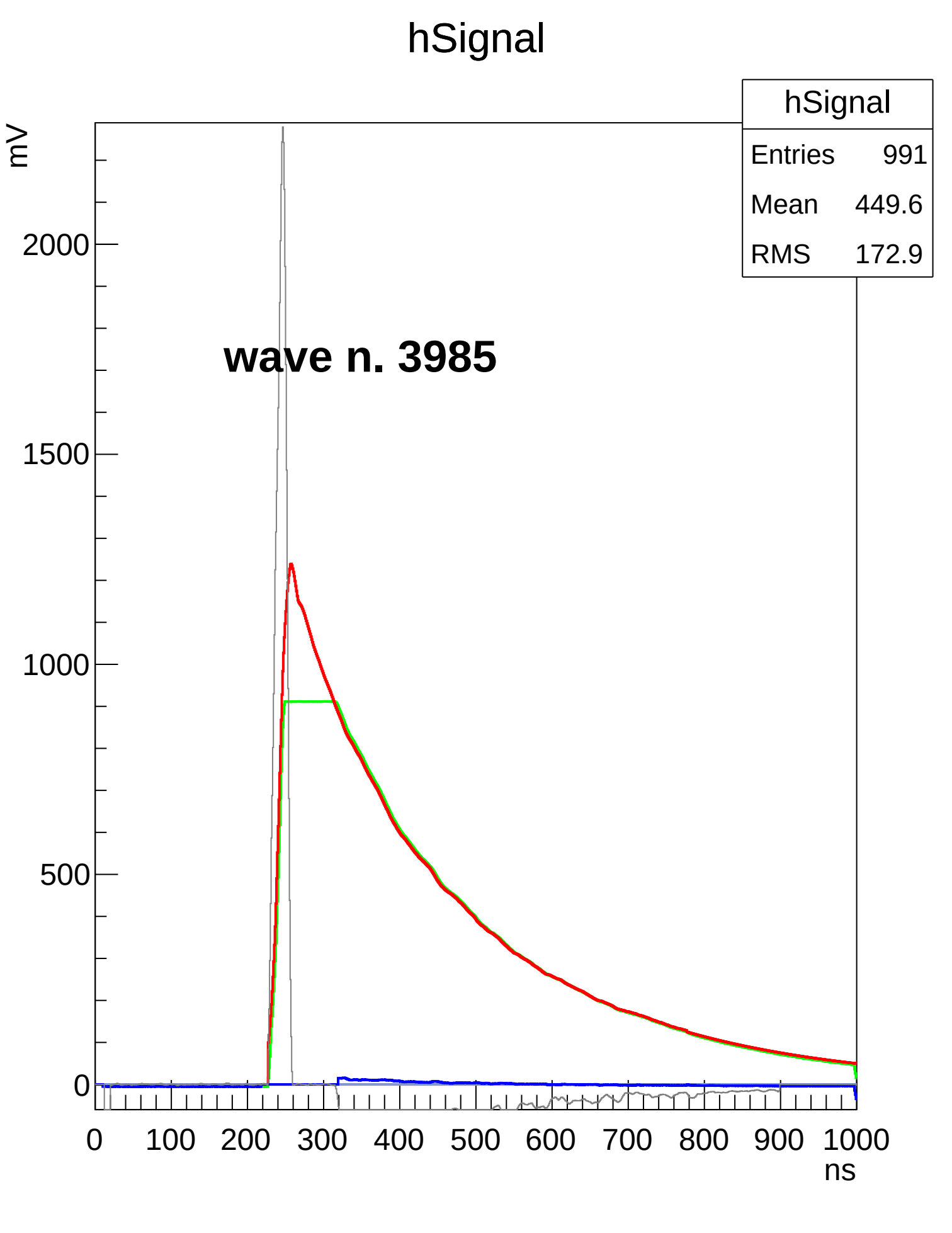
ns


hSignal
hSignal
Entries 991
Mean 578.8
RMS 160.1
wave n. 3983
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 430.9
RMS 174
wave n. 3984
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 449.6
RMS 172.9
wave n. 3985
mV
2000
1500
1000
500
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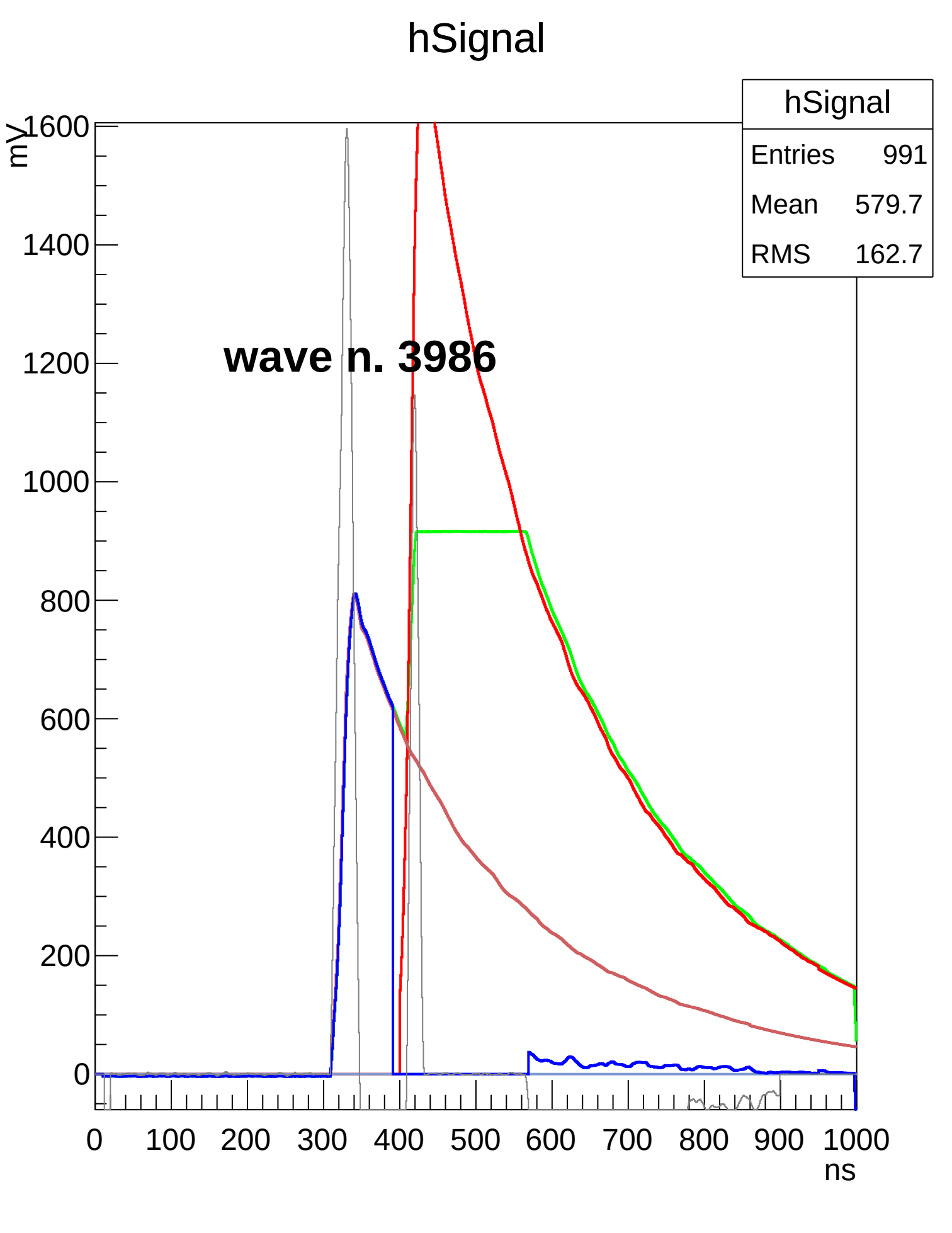
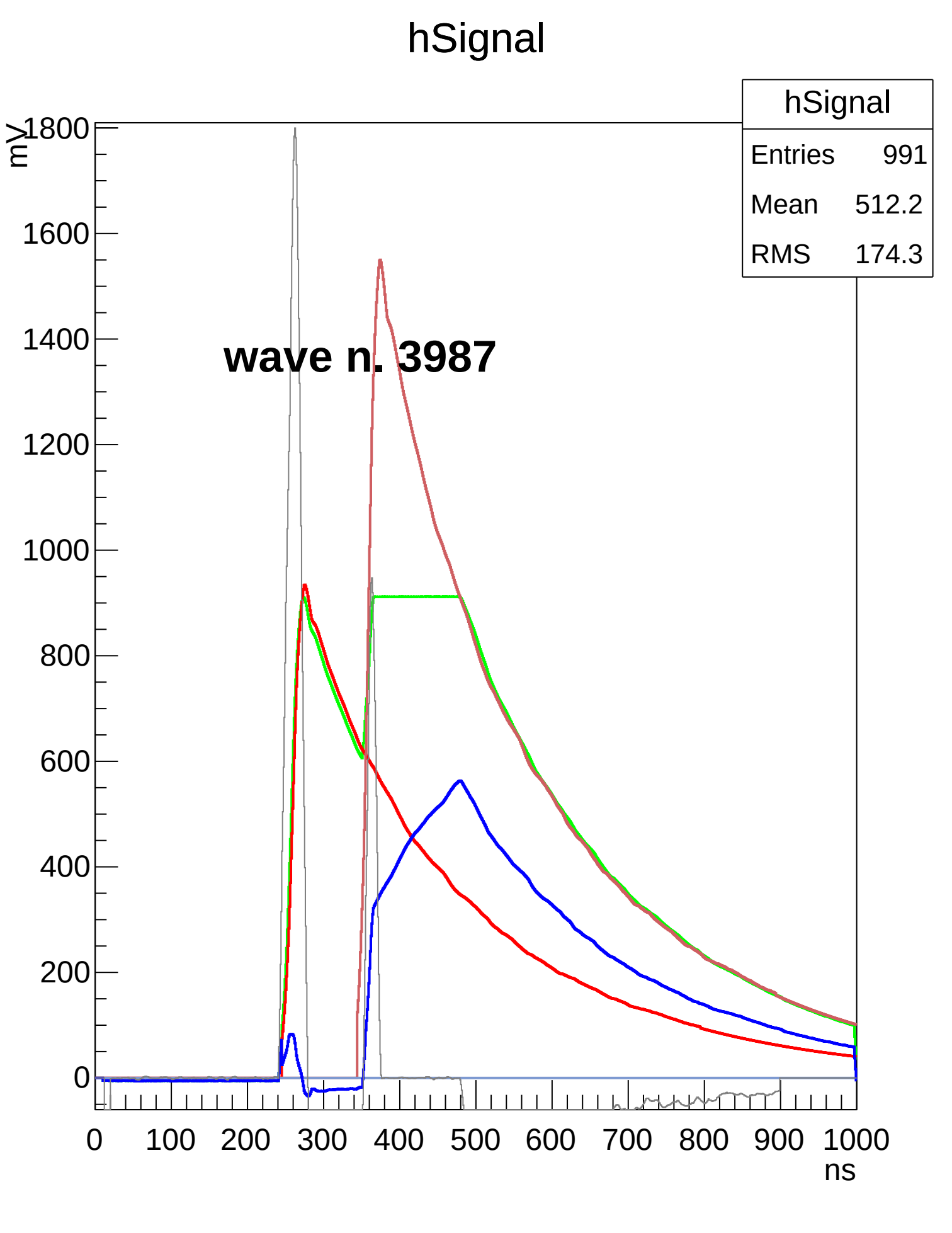
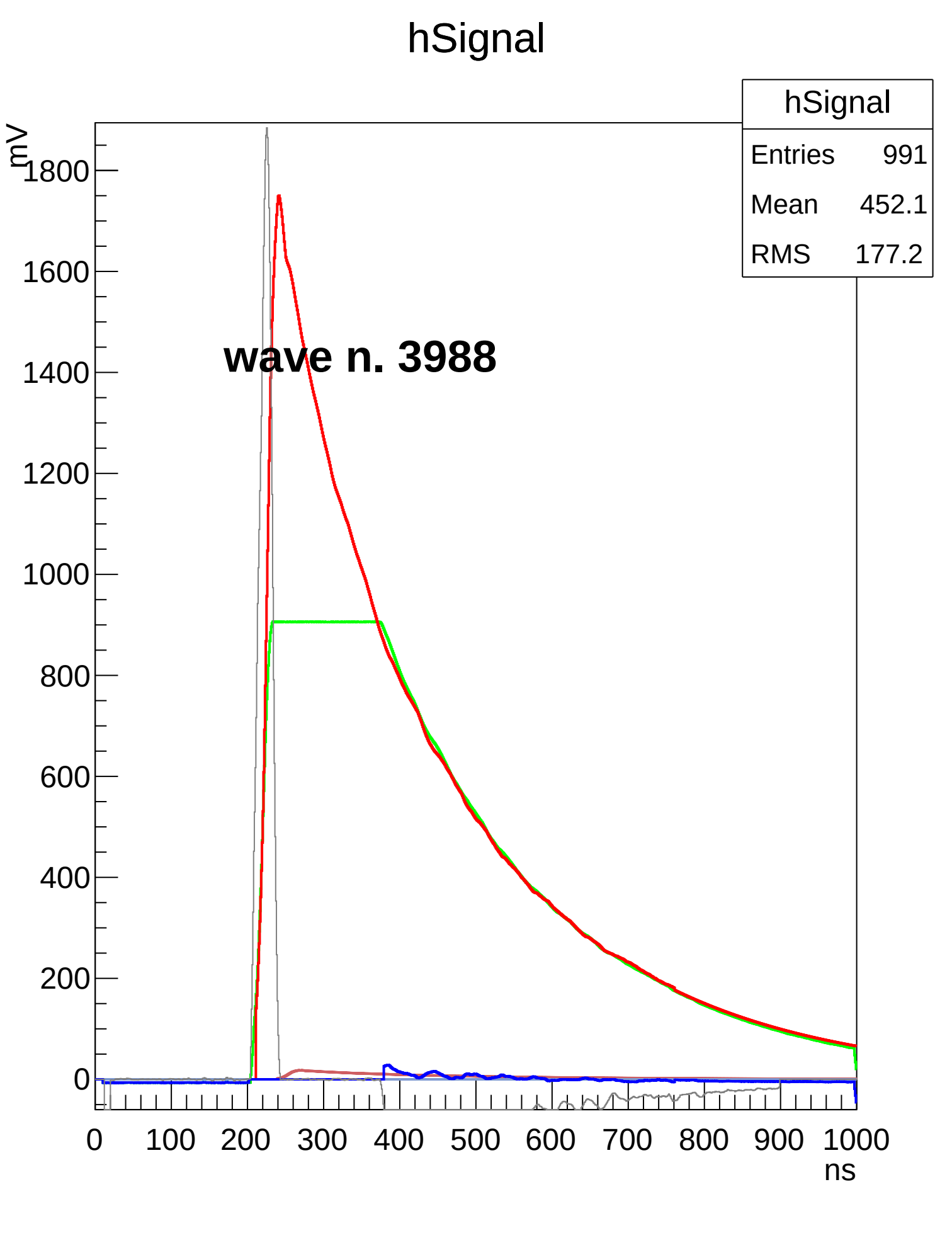
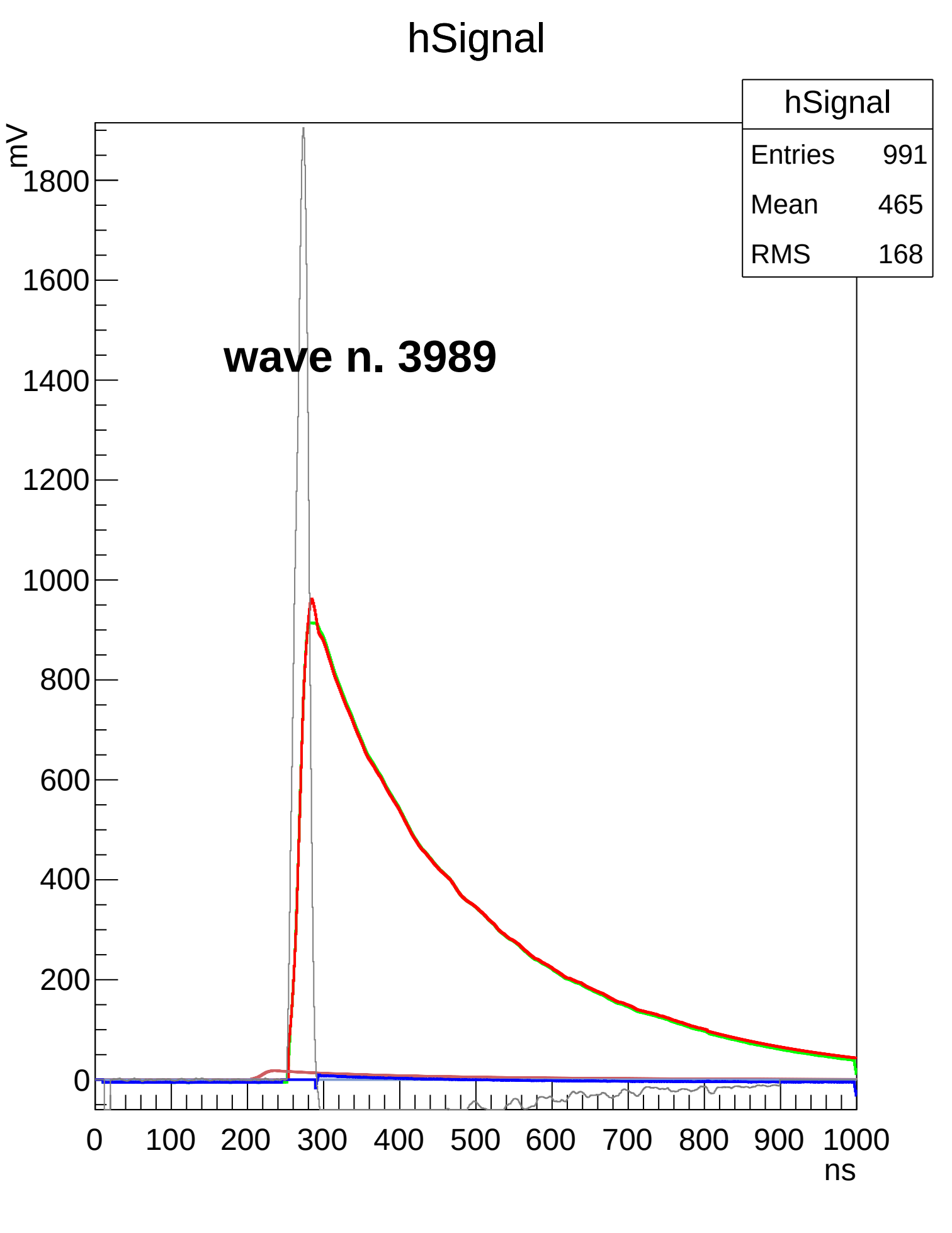
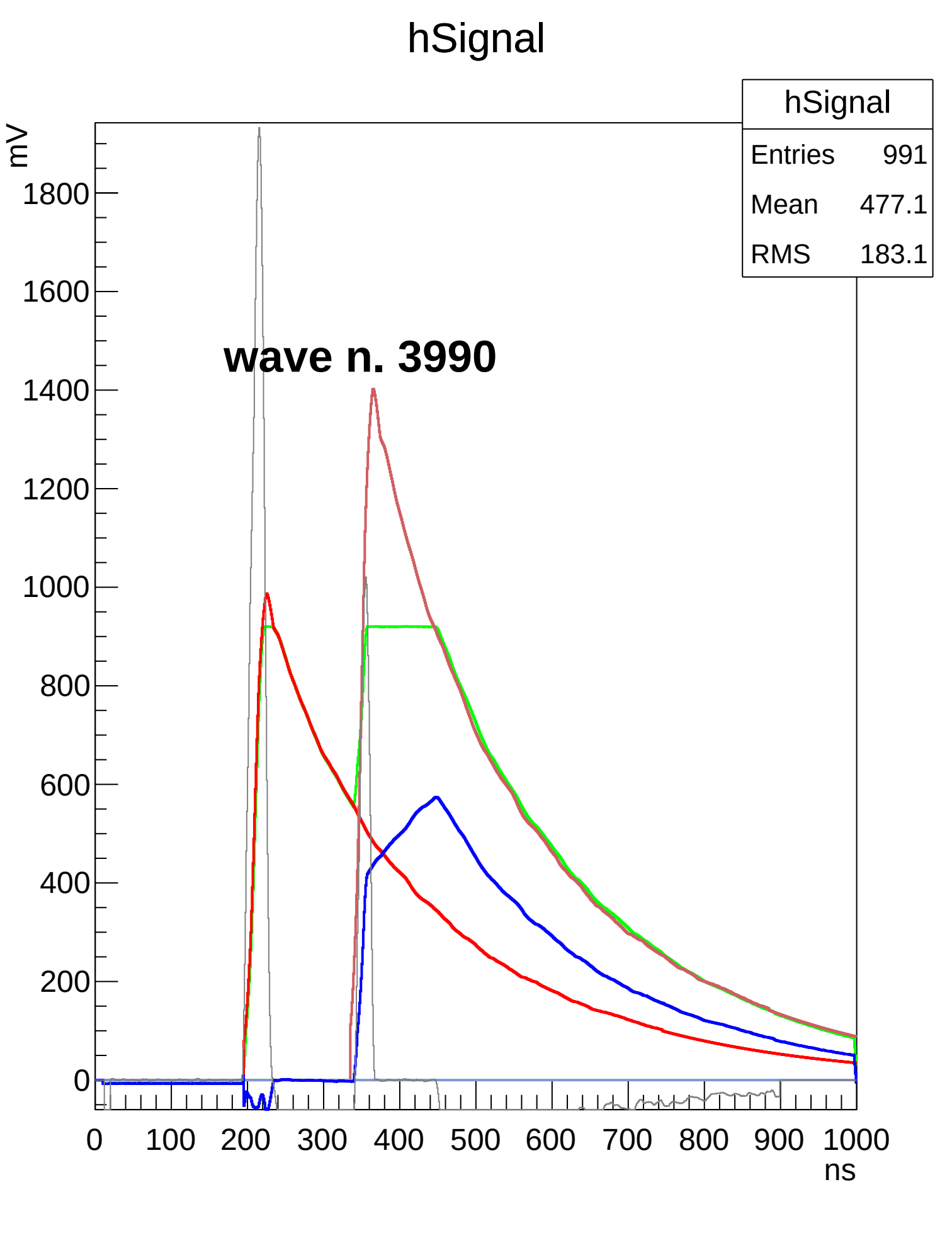
ns

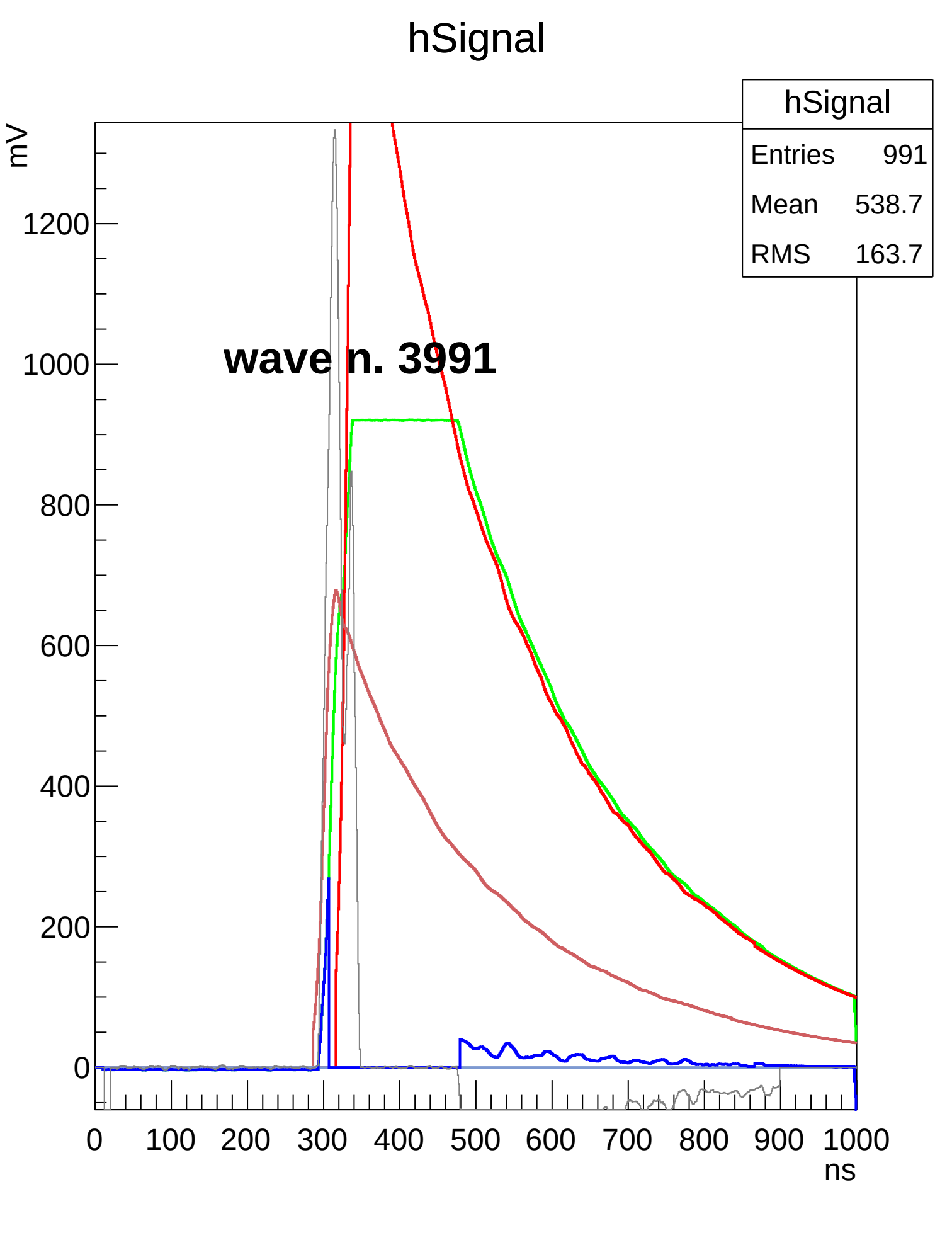

hSignal
hSignal
Entries 991
Mean 579.7
RMS 162.7
wave n. 3986
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

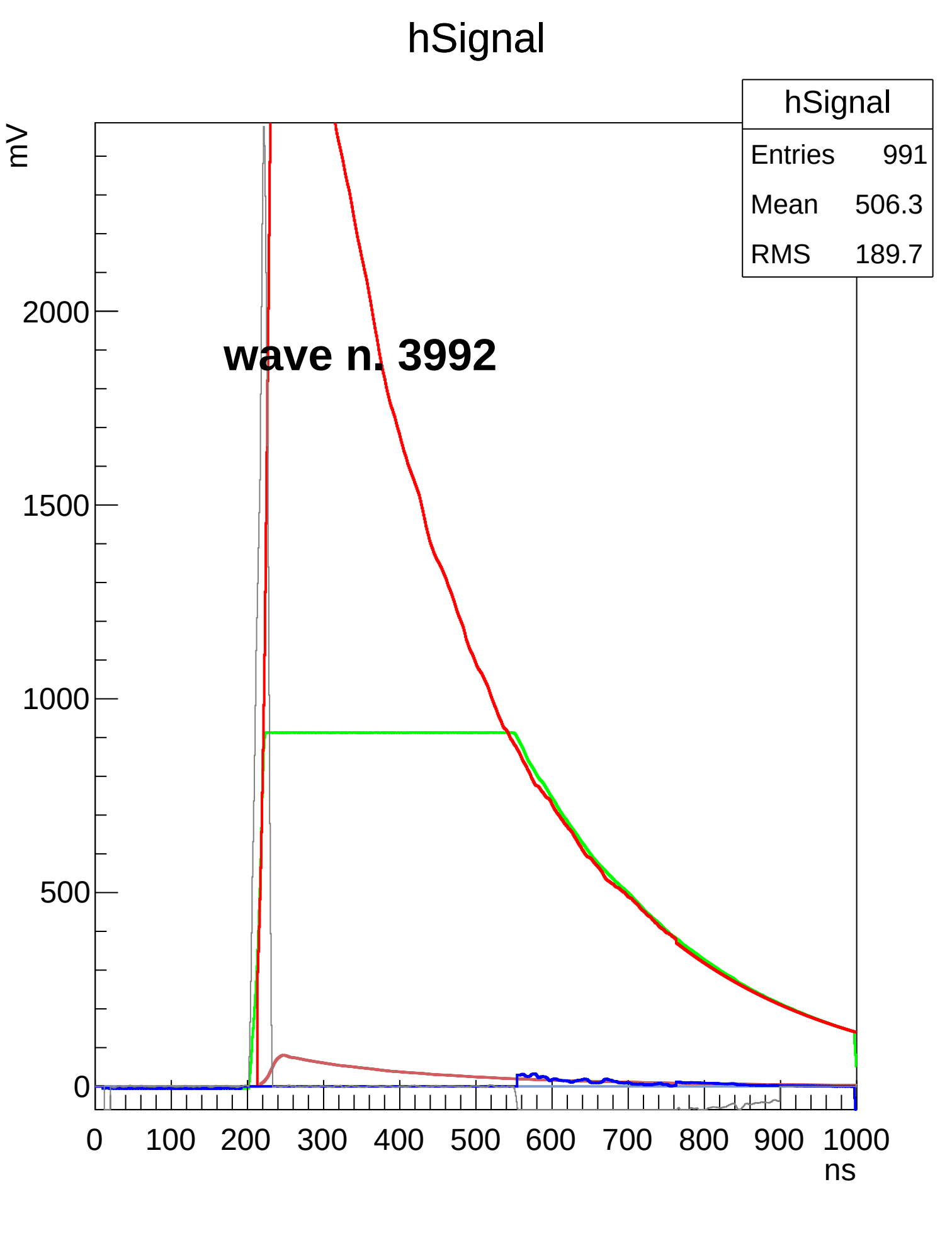

hSignal
hSignal
Entries 991
Mean 512.2
RMS 174.3
wave n. 3987
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

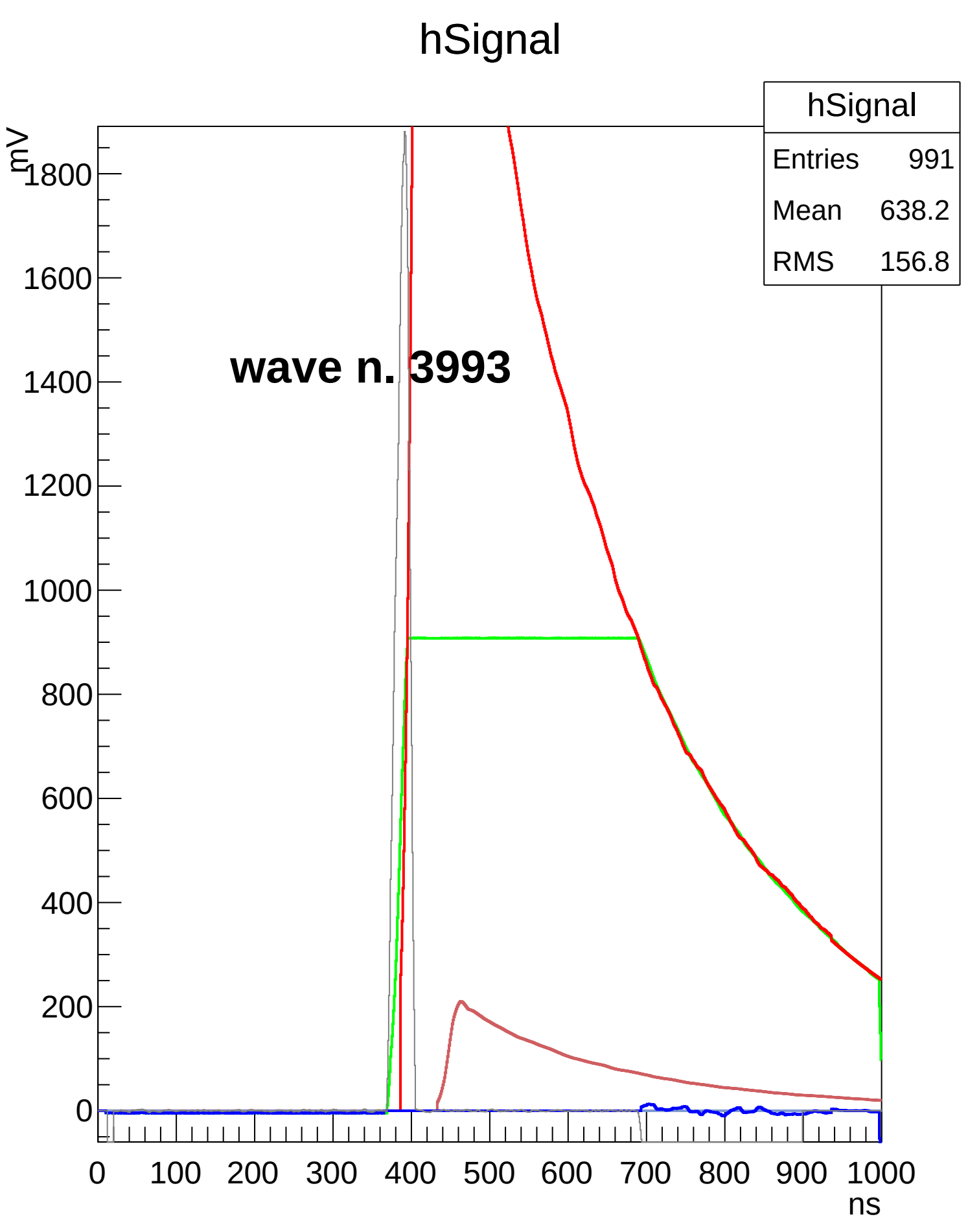

hSignal
hSignal
Entries 991
Mean 452.1
RMS 177.2
wave n. 3988
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

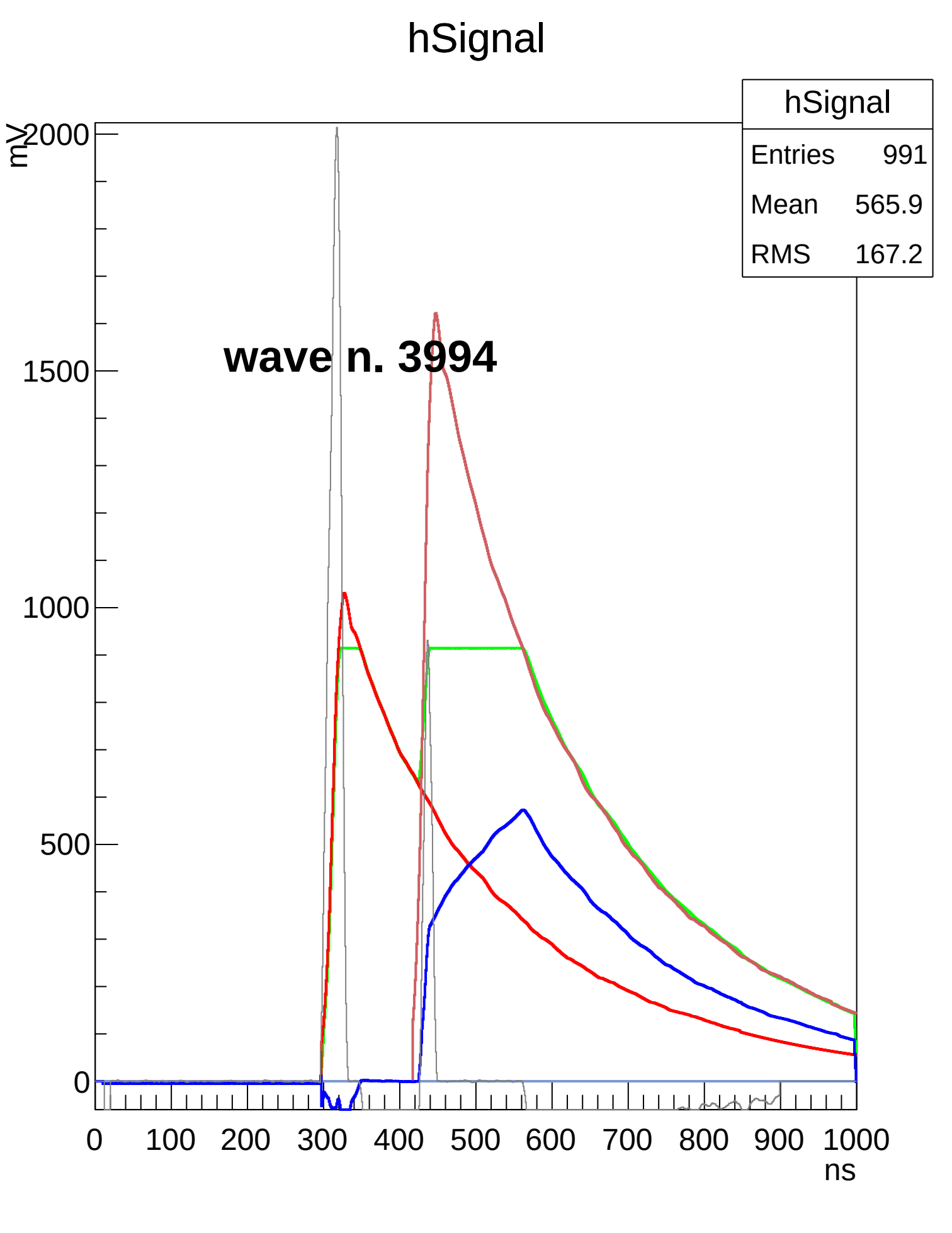

hSignal
hSignal
Entries 991
Mean 465
RMS 168
wave n. 3989
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 477.1
RMS 183.1
wave n. 3990
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 538.7
RMS 163.7
wave n. 3991
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 506.3
RMS 189.7
wave n. 3992
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 638.2
RMS 156.8
wave n. 3993
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 565.9
RMS 167.2
wave n. 3994
mV
2000
1500
1000
500
0
0
100
200
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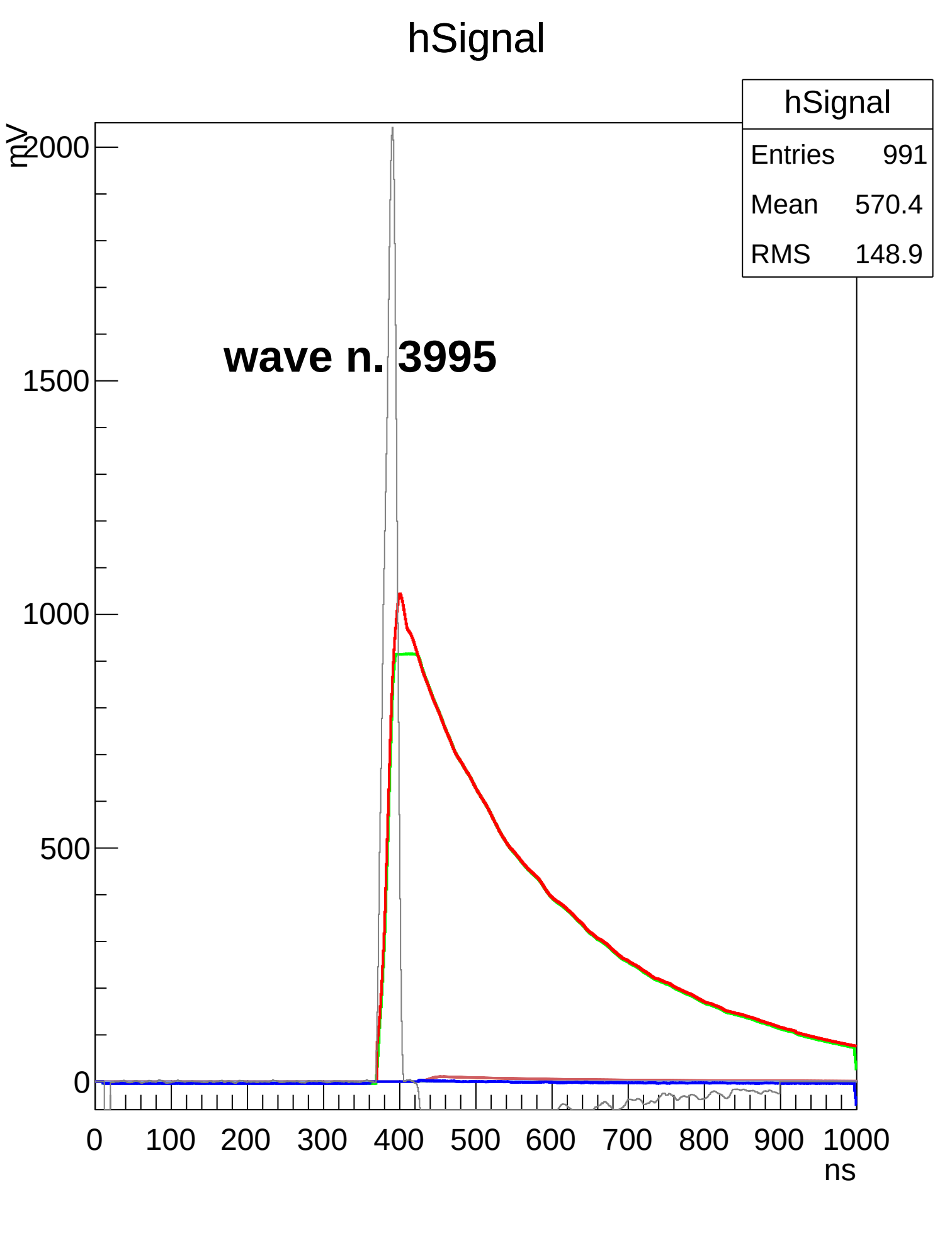
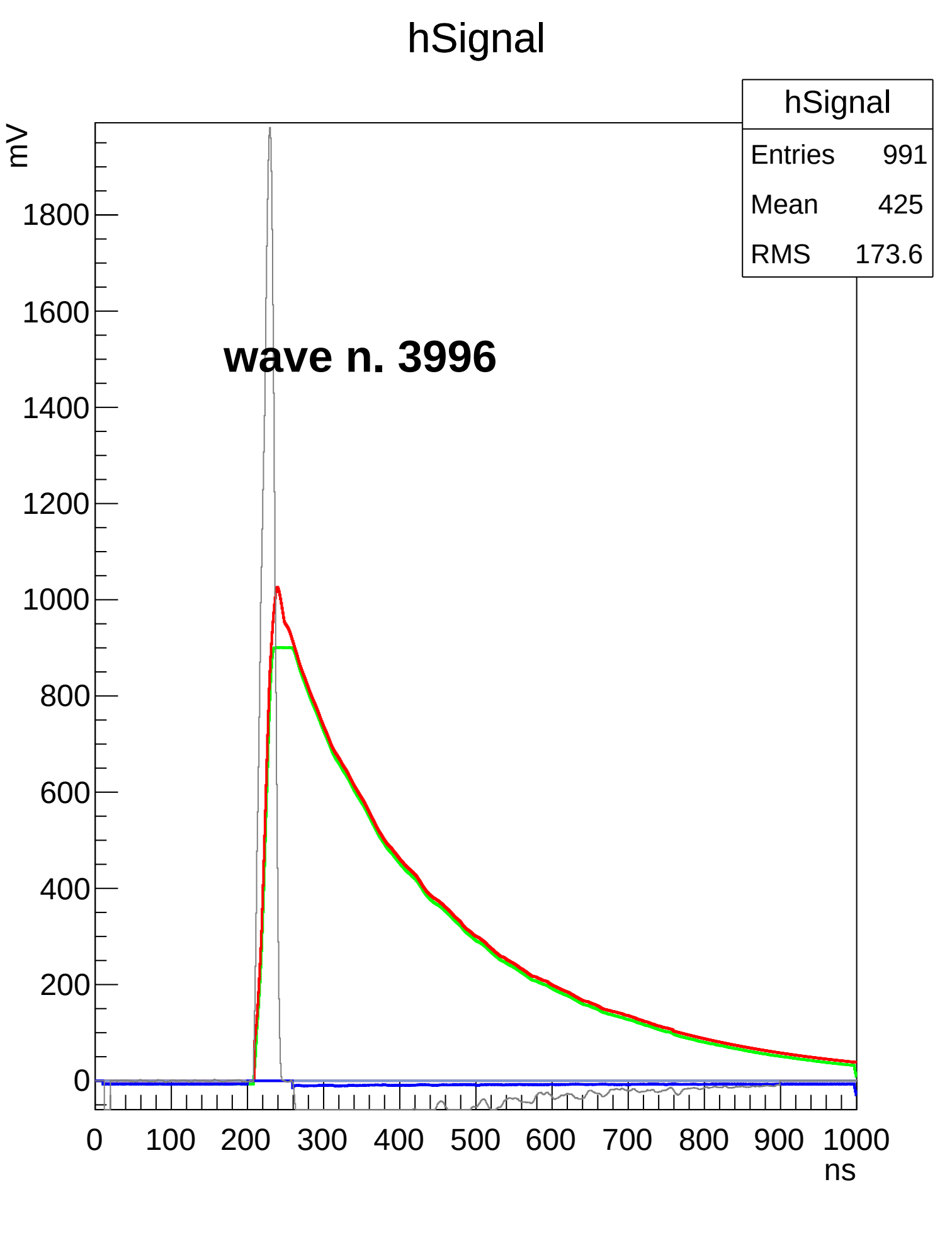
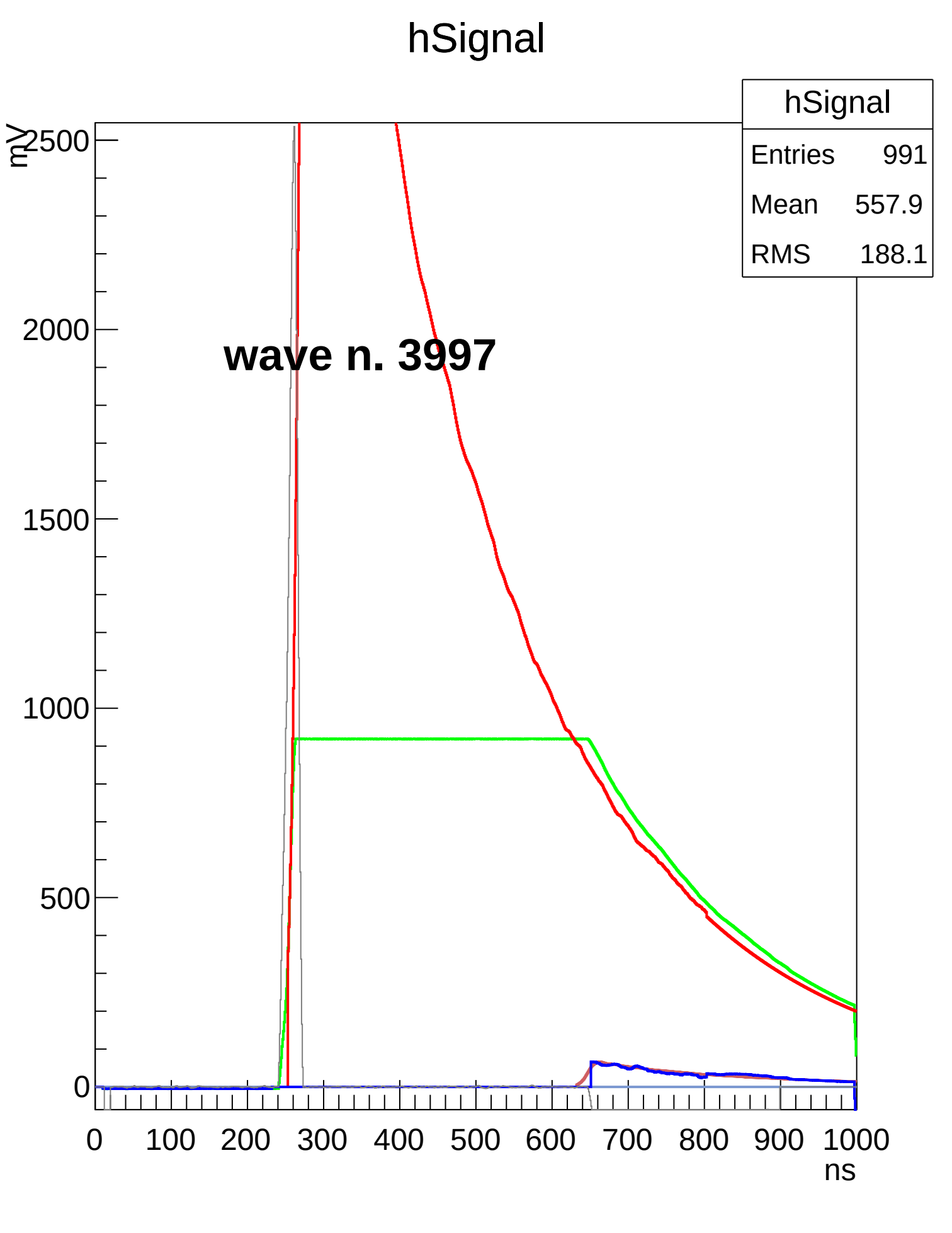
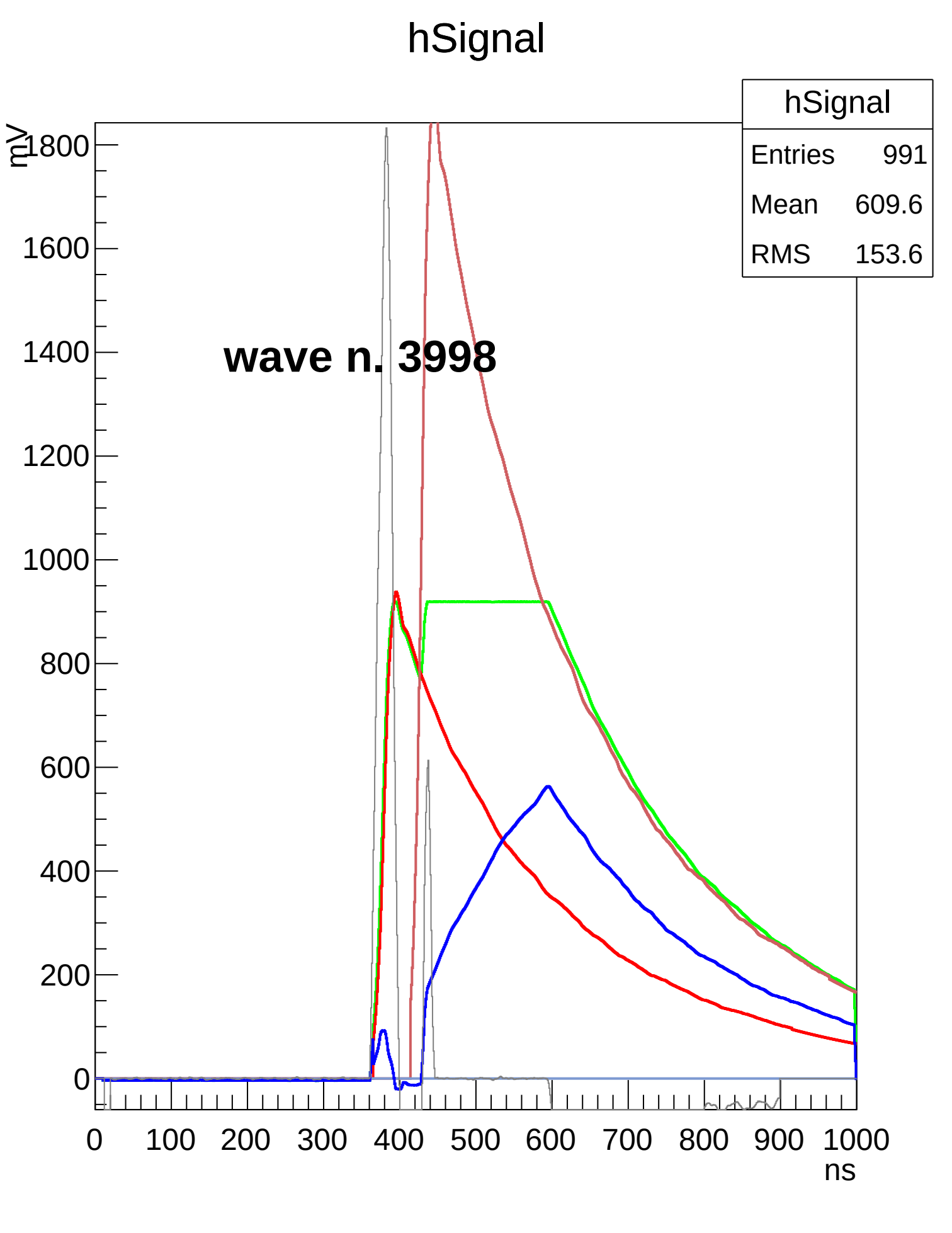
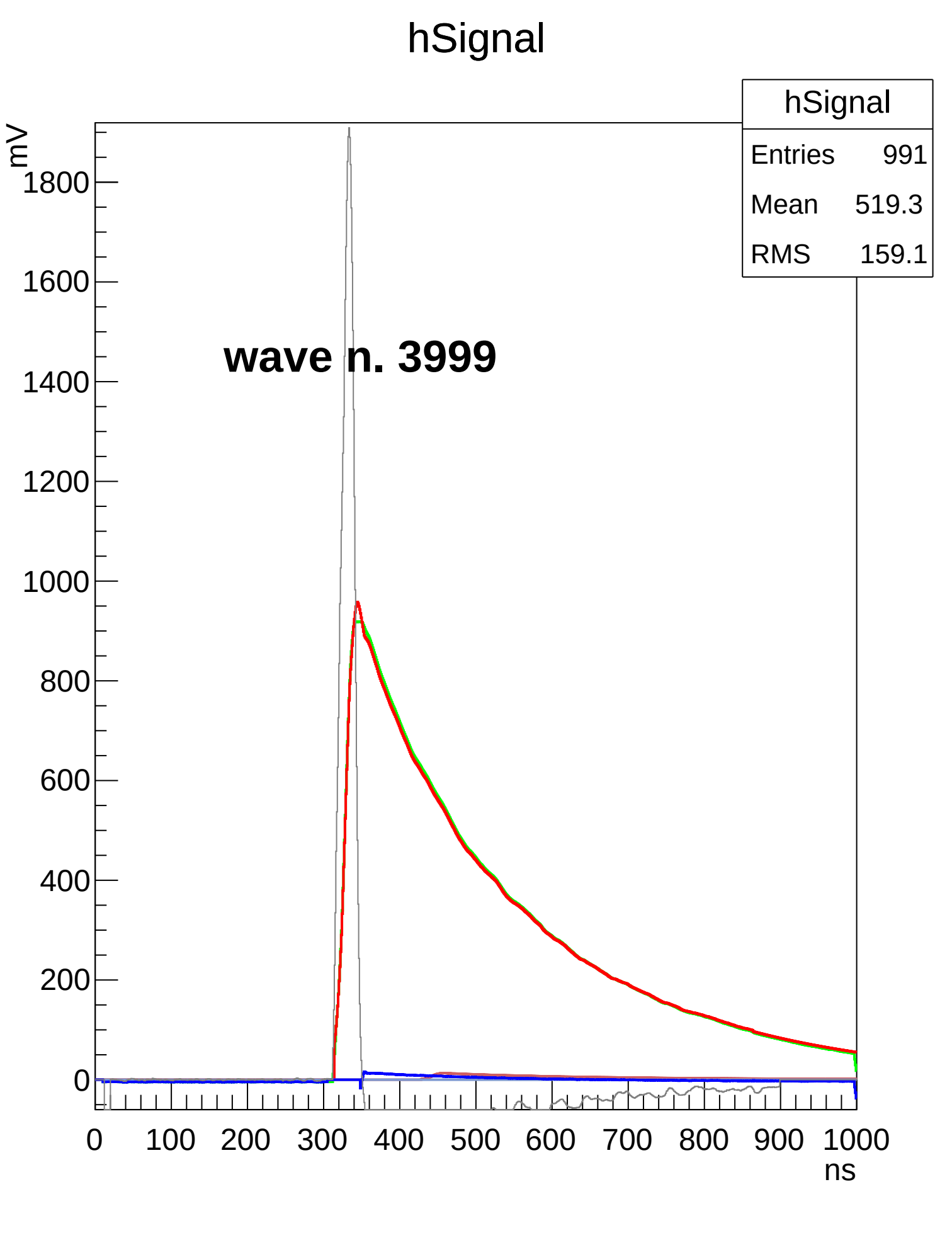
400
500
600
700
800
900
1000
ns

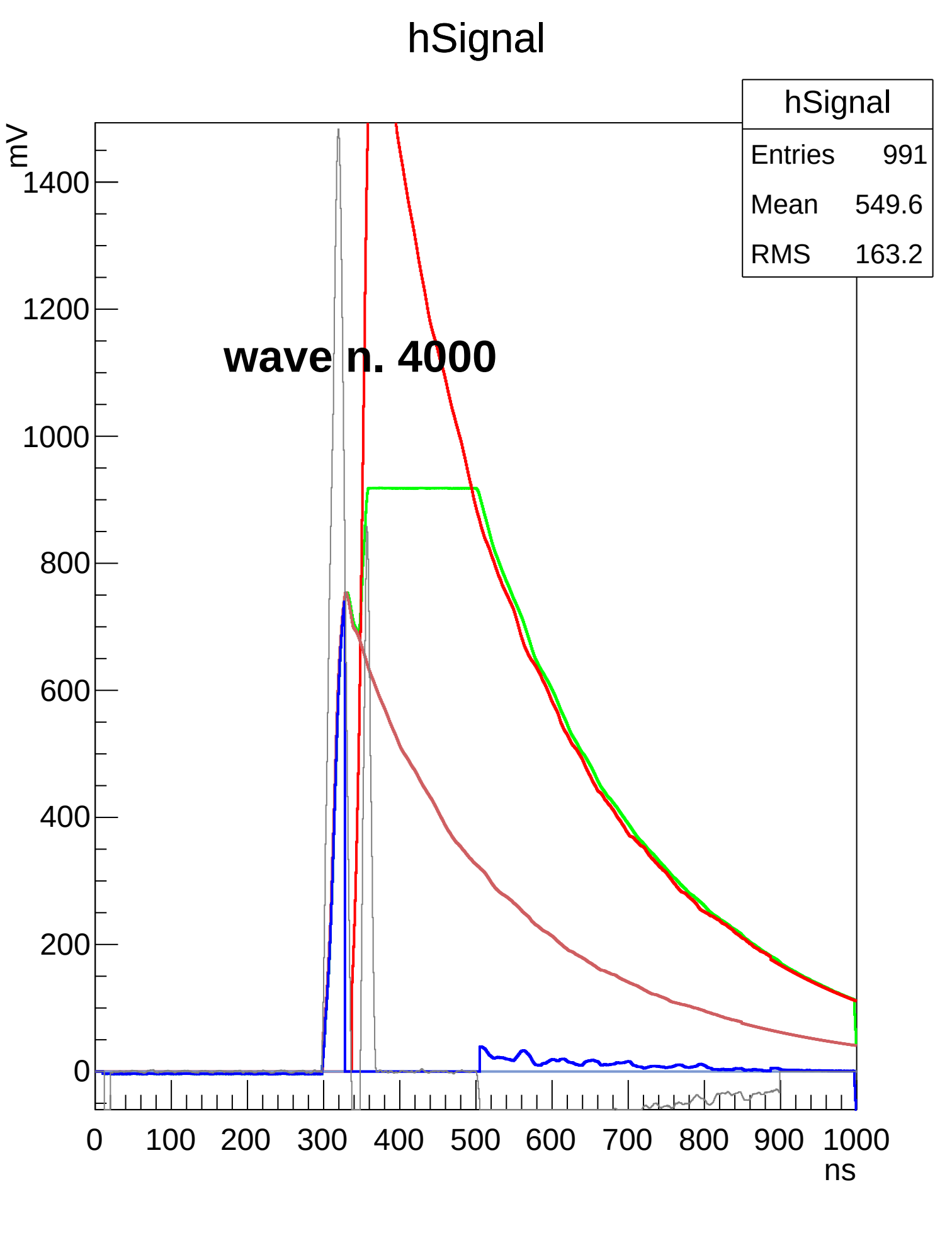

hSignal
hSignal
Entries 991
Mean 570.4
RMS 148.9
wave n. 3995
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

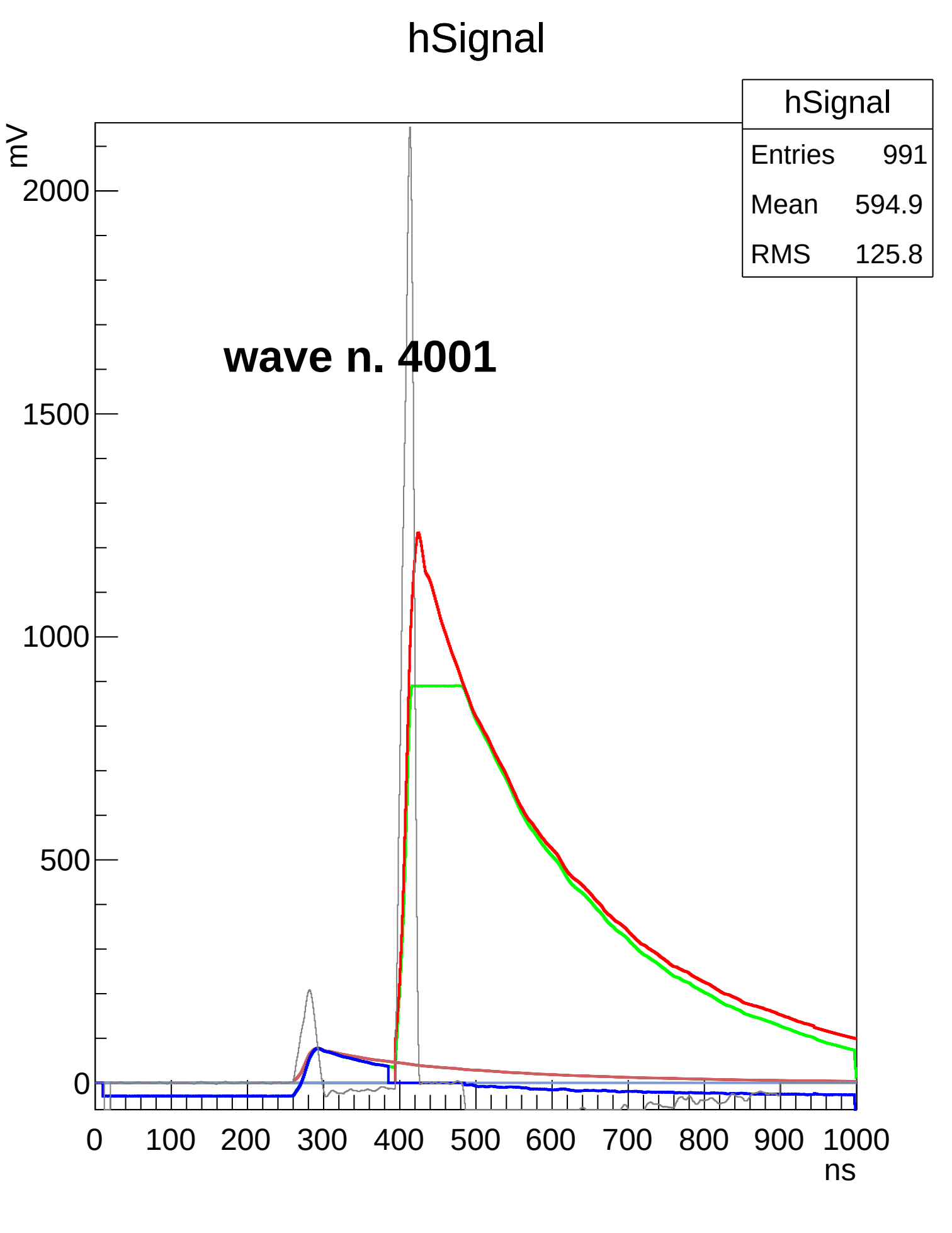

hSignal
hSignal
Entries 991
Mean 425
RMS 173.6
wave n. 3996
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 557.9
RMS 188.1
wave n. 3997
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 609.6
RMS 153.6
wave n. 3998
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.3
RMS 159.1
wave n. 3999
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.6
RMS 163.2
wave n. 4000
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 594.9
RMS 125.8
wave n. 4001
mV
2000
1500
1000
500
0
0
100
200
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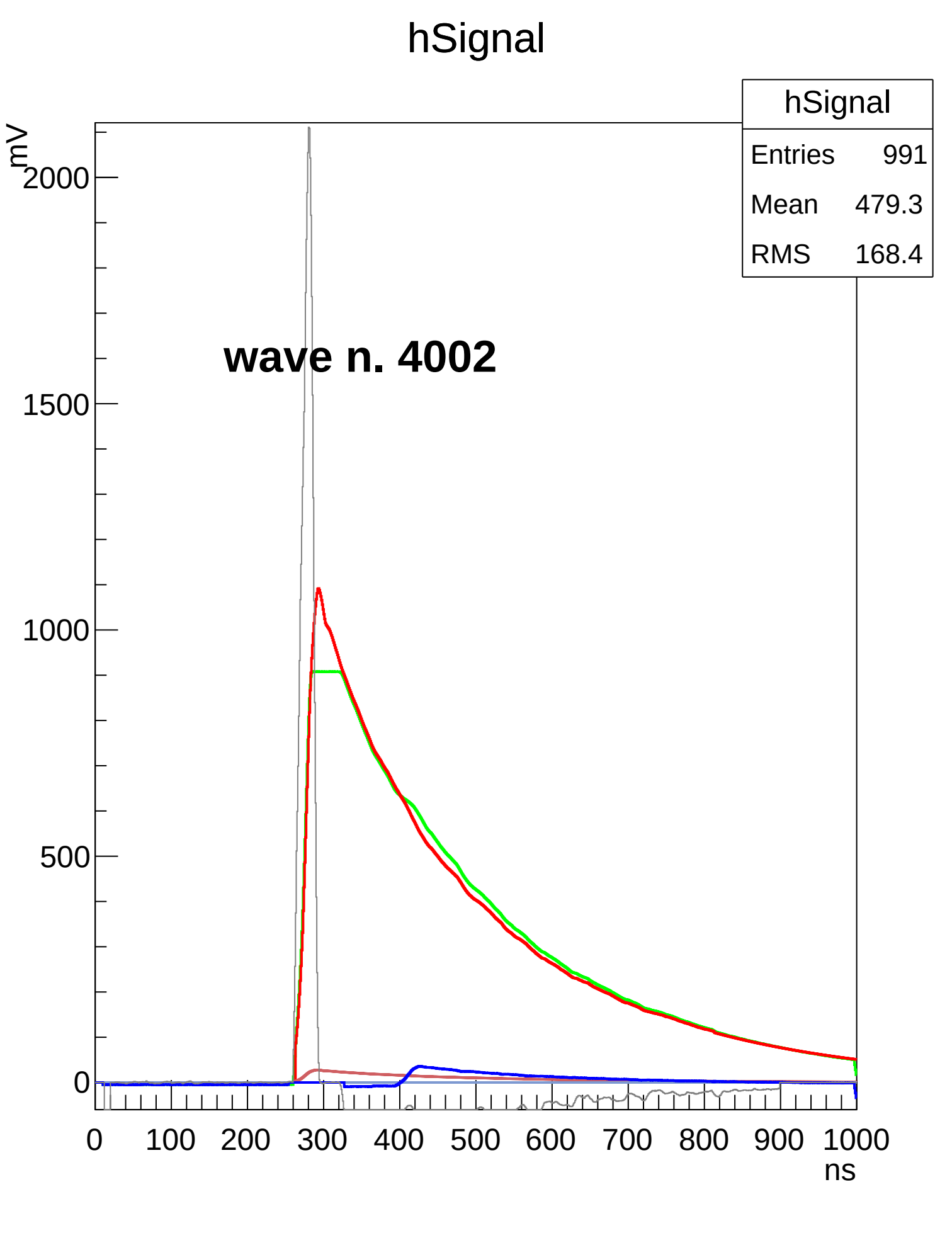
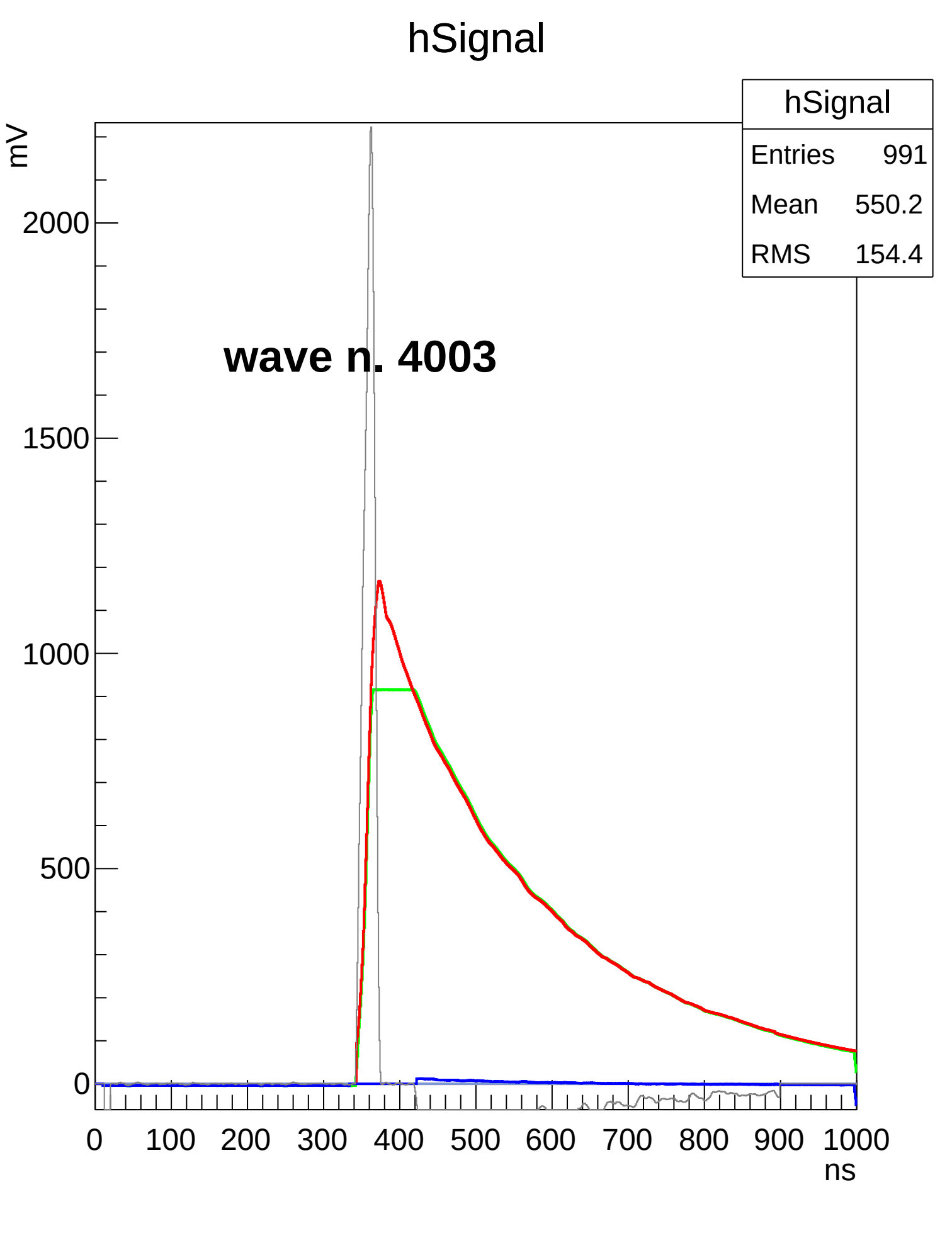
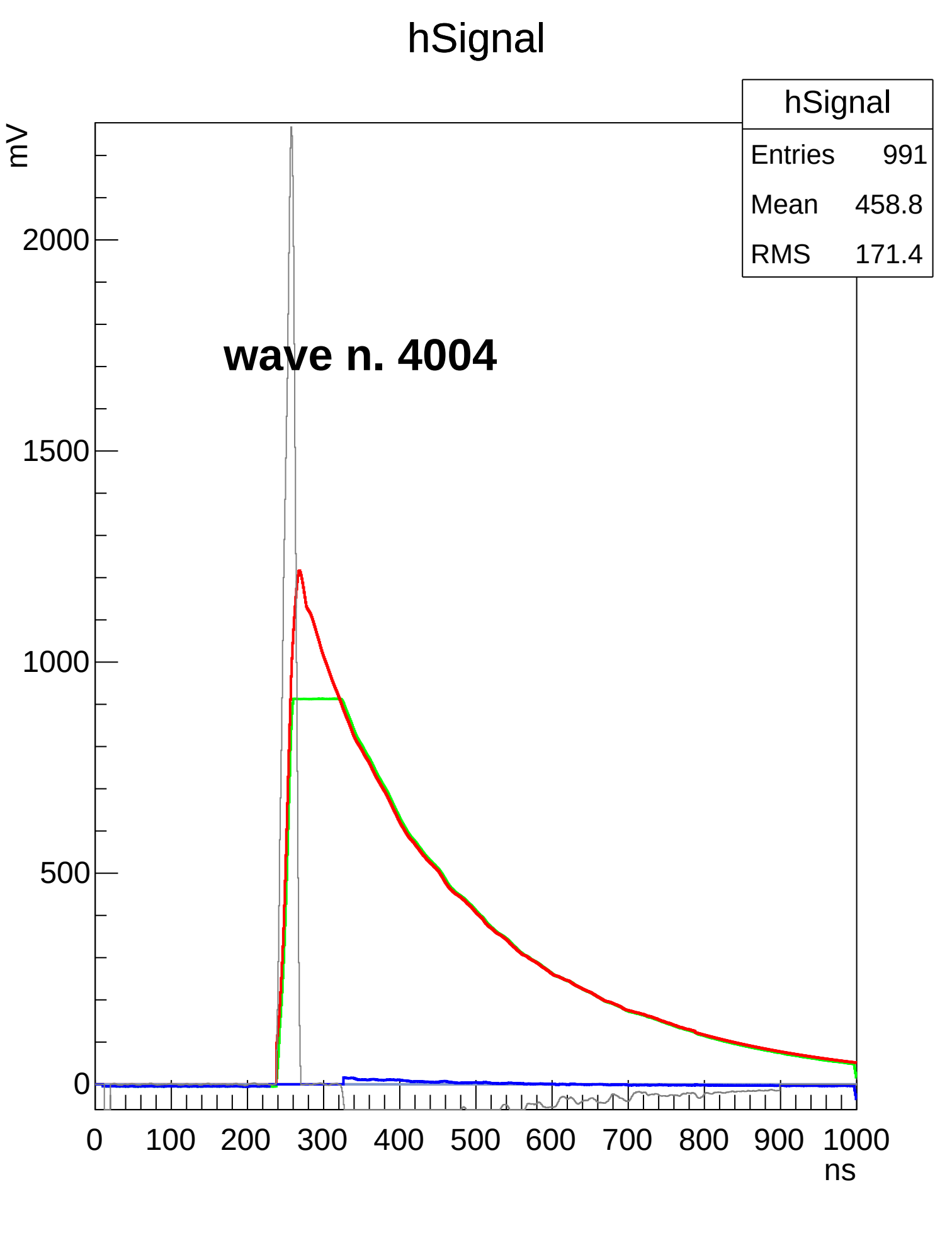
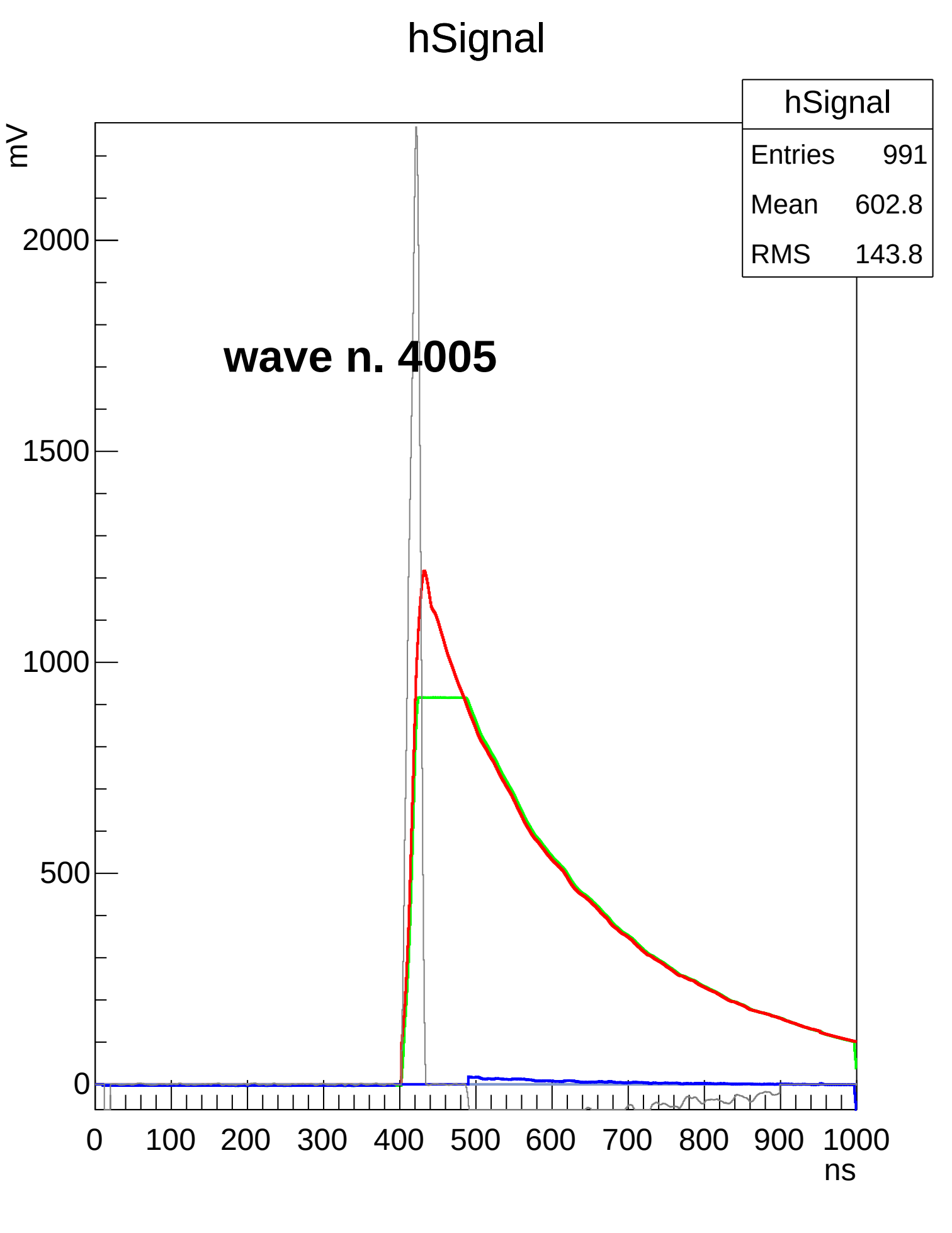
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 479.3
RMS 168.4
wave n. 4002
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 550.2
RMS 154.4
wave n. 4003
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 458.8
RMS 171.4
wave n. 4004
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 602.8
RMS 143.8
wave n. 4005
mV
2000
1500
1000
500
0
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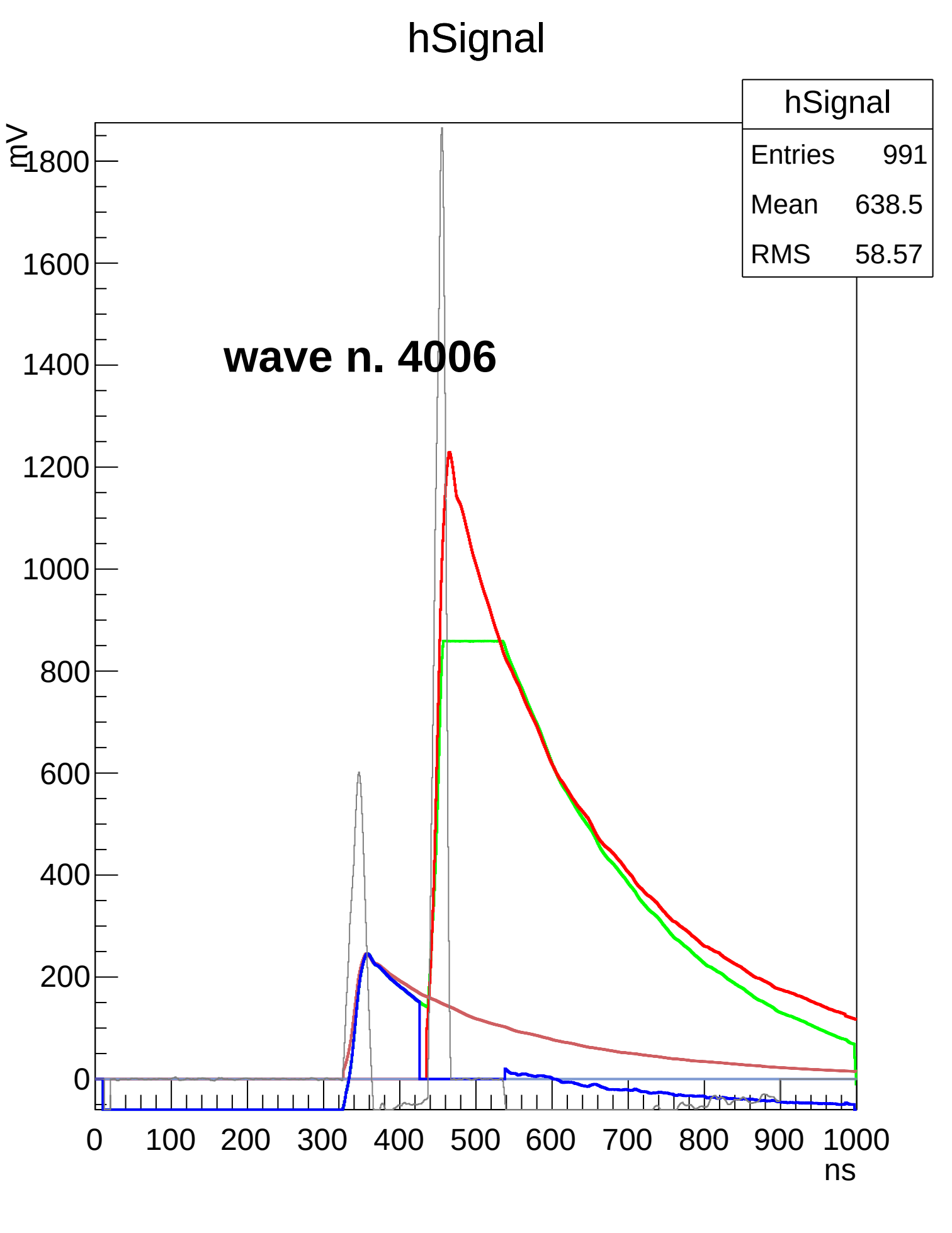
ns


hSignal
hSignal
Entries 991
Mean 638.5
RMS 58.57
wave n. 4006
mV
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1600
1400
1200
1000
800
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400
200
0
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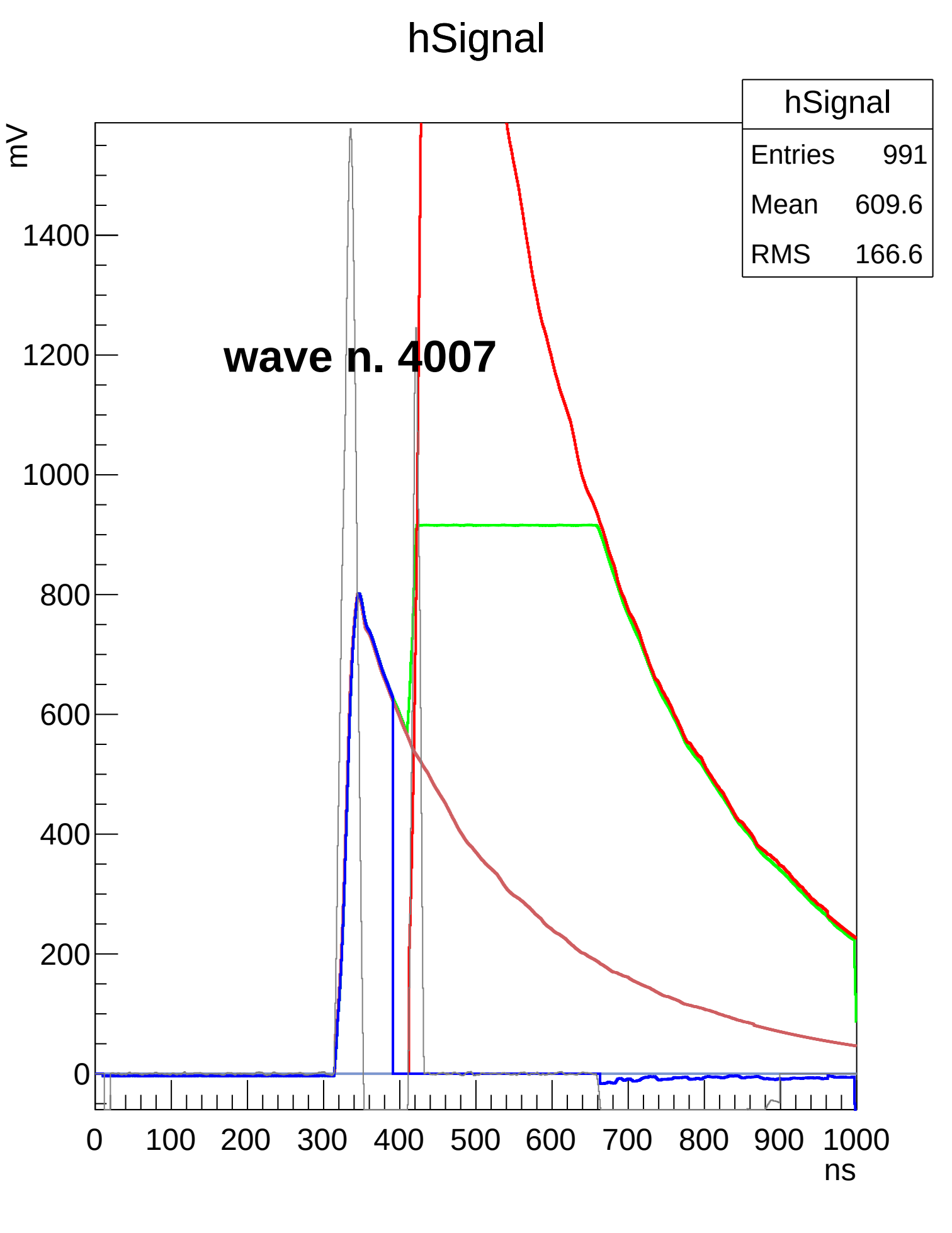
ns


hSignal
hSignal
Entries 991
Mean 609.6
RMS 166.6
wave n. 4007
mV
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1200
1000
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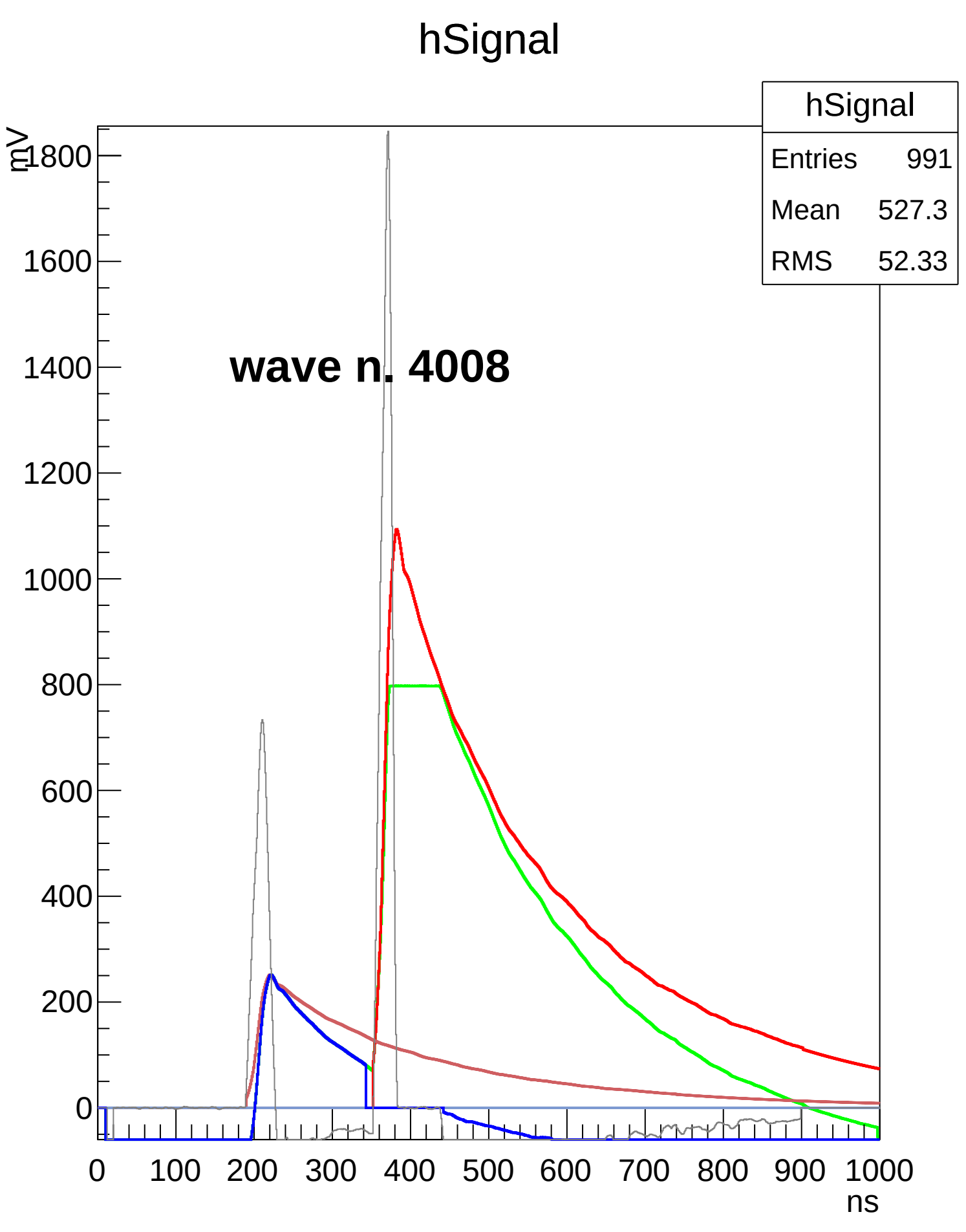
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527.3
RMS 52.33
wave n. 4008
mV
1800
1600
1400
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600
400
200
0
0
100
200
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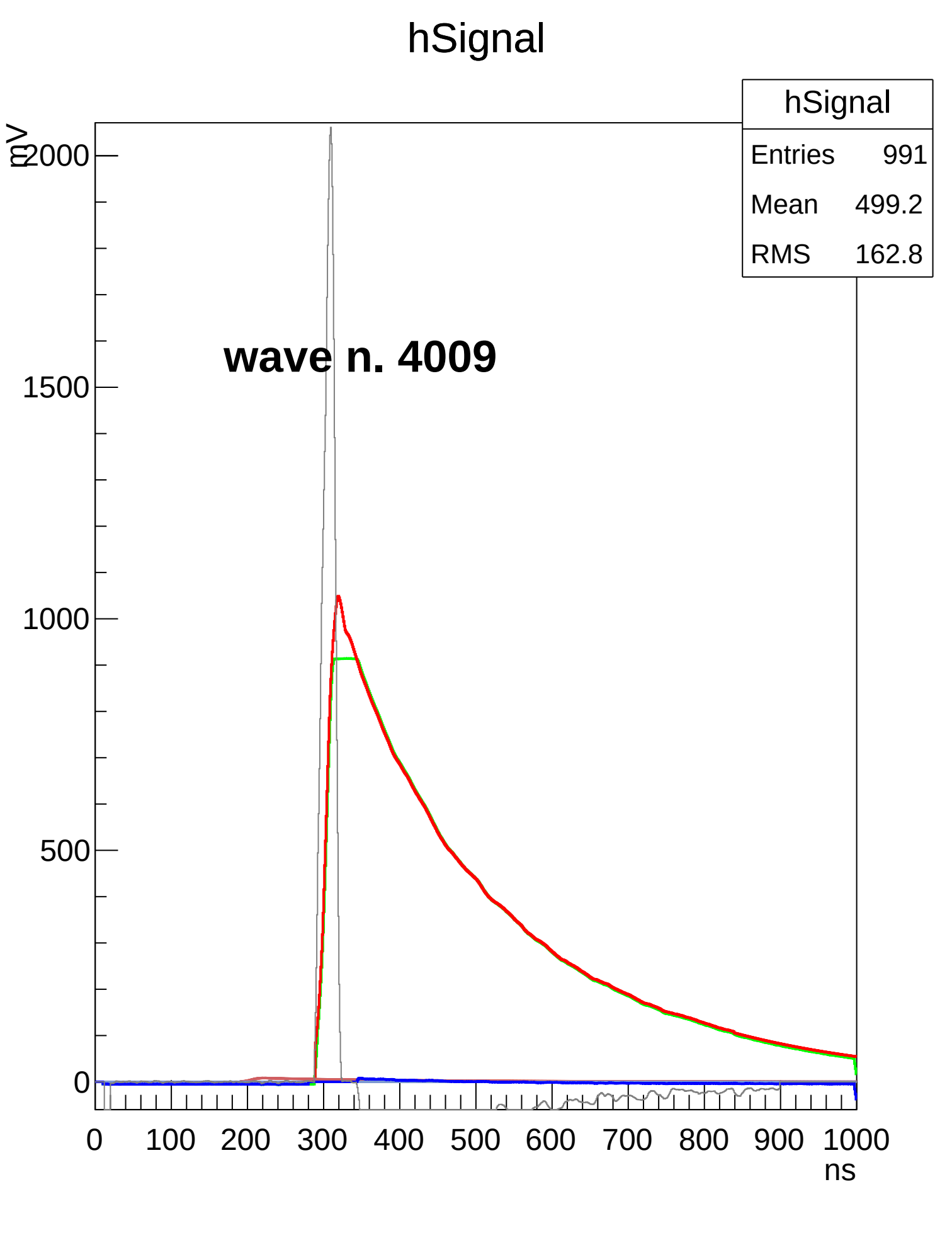
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.2
RMS 162.8
wave n. 4009
mV
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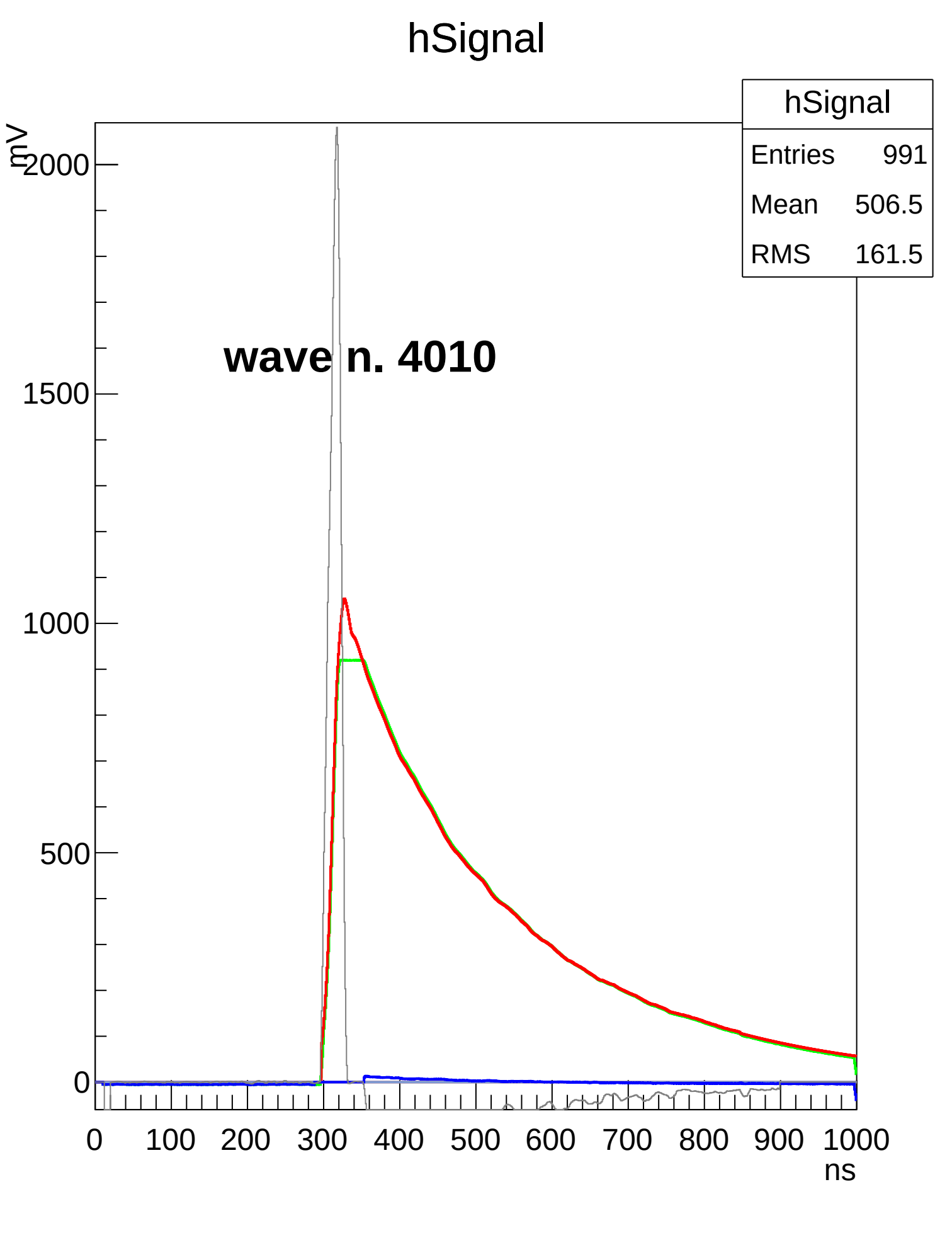
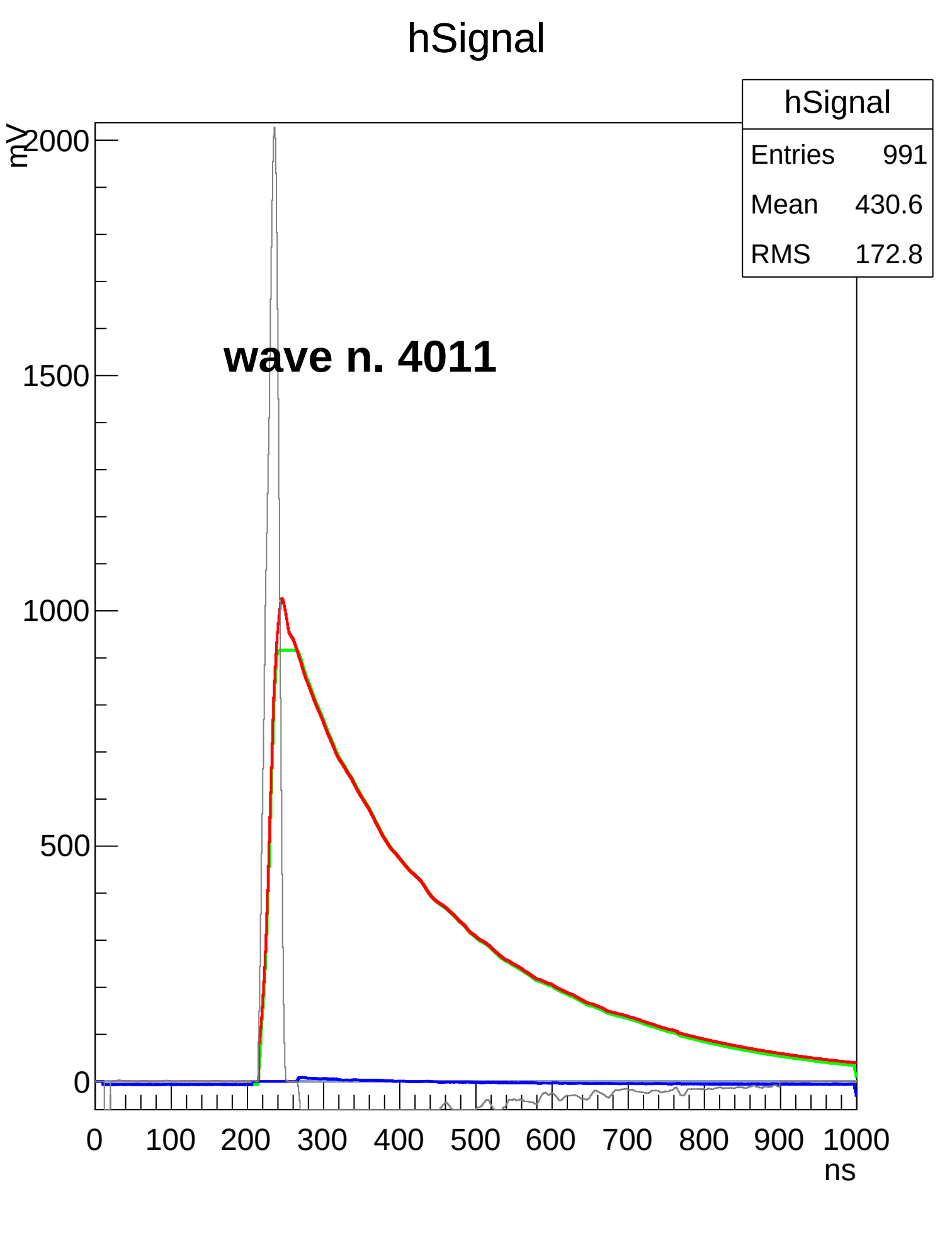
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506.5
RMS 161.5
wave n. 4010
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 430.6
RMS 172.8
wave n. 4011
mV
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1500
1000
500
0
0
100
200
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400
500
600
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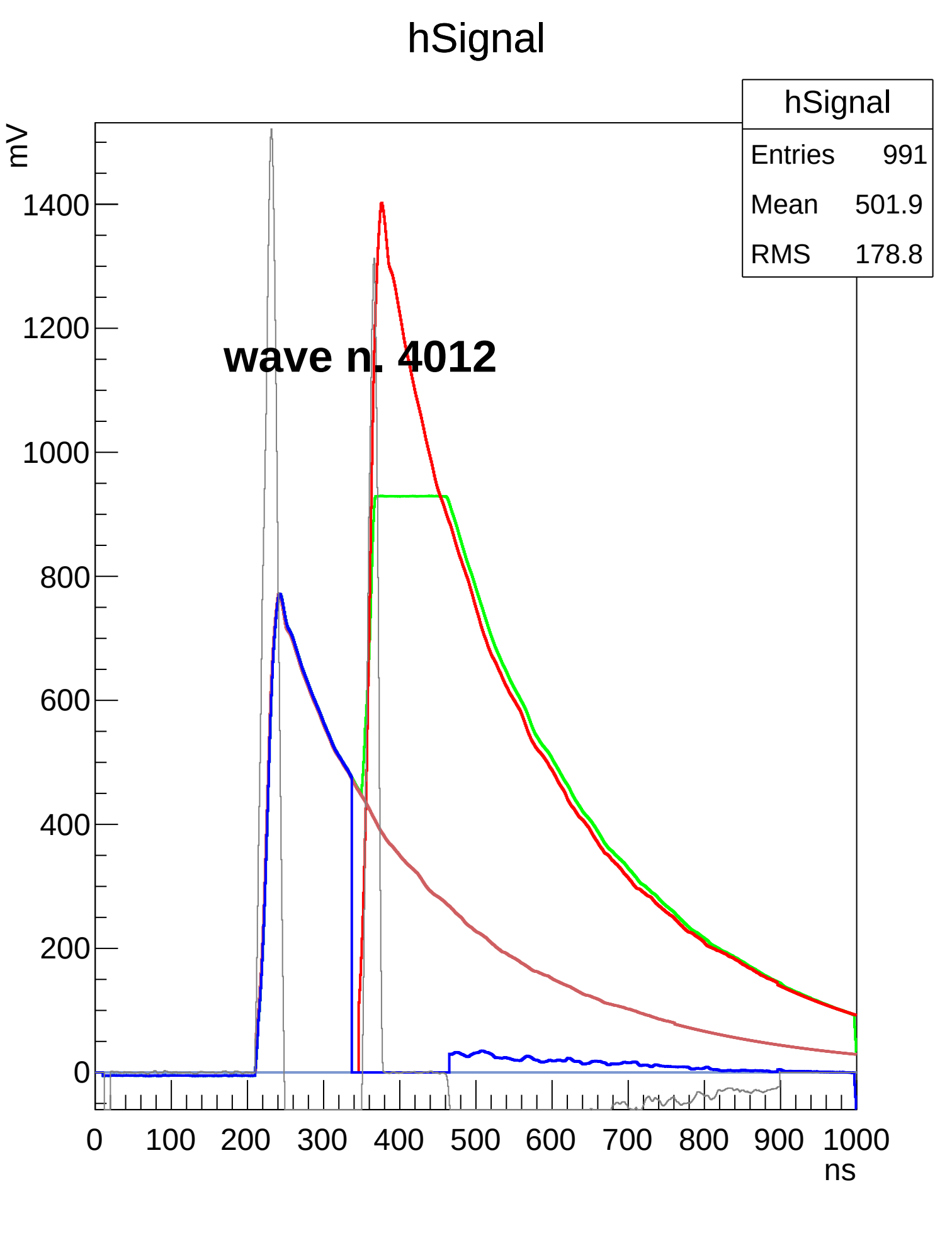
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 501.9
RMS 178.8
wave n. 4012
mV
1400
1200
1000
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600
400
200
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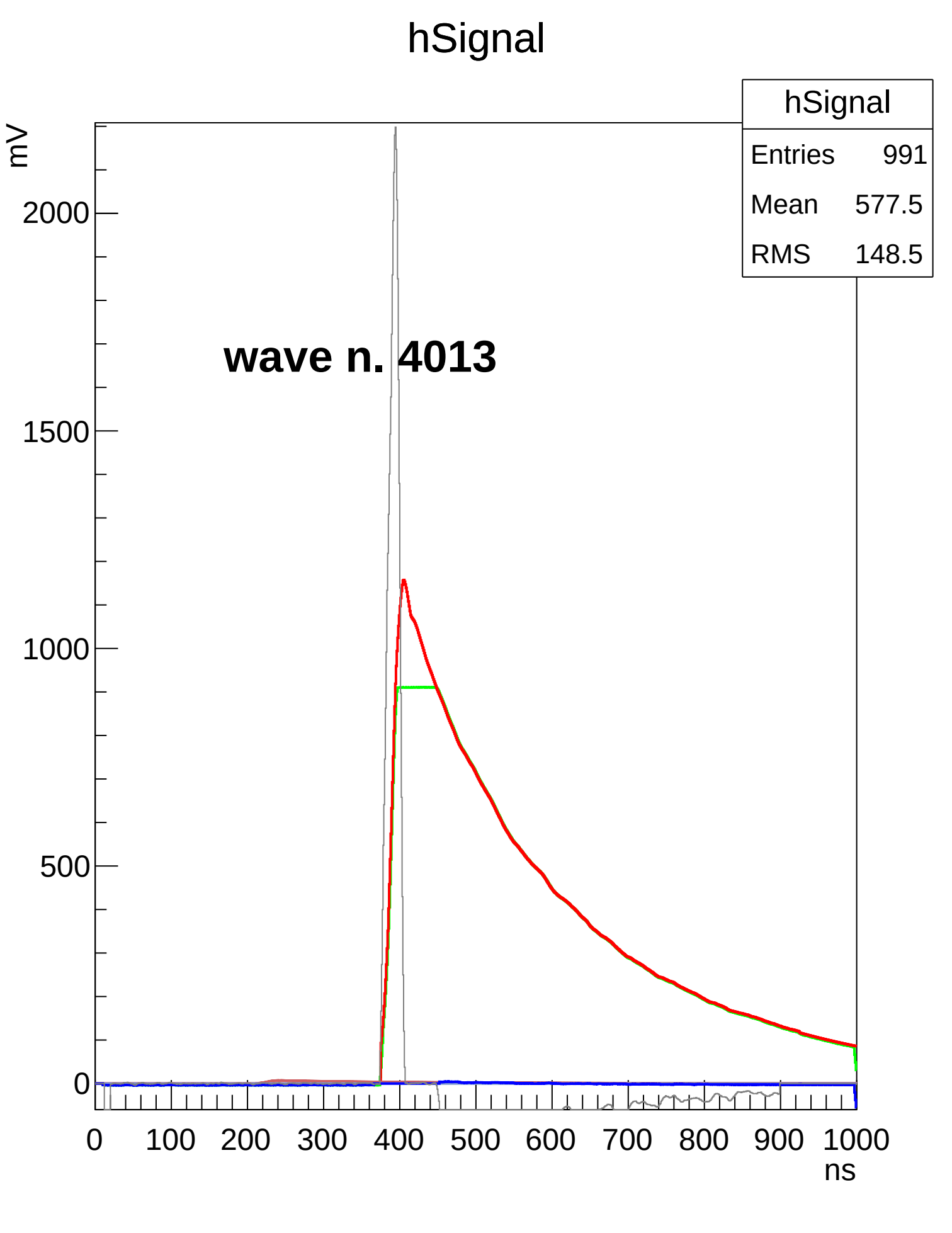
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.5
RMS 148.5
wave n. 4013
mV
2000
1500
1000
500
0
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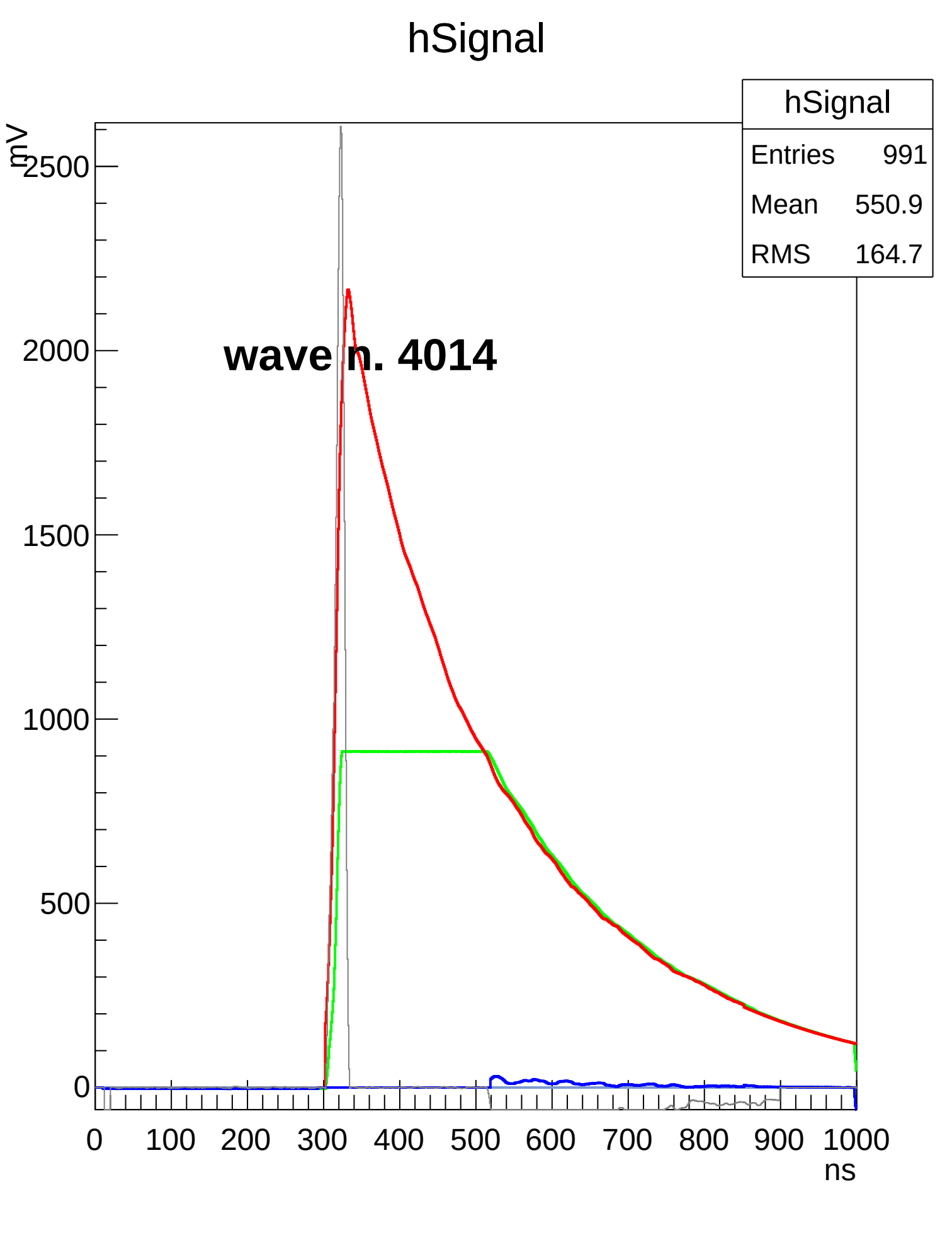
ns


hSignal
hSignal
Entries 991
Mean 550.9
RMS 164.7
wave n. 4014
mV
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2000
1500
1000
500
0
0
100
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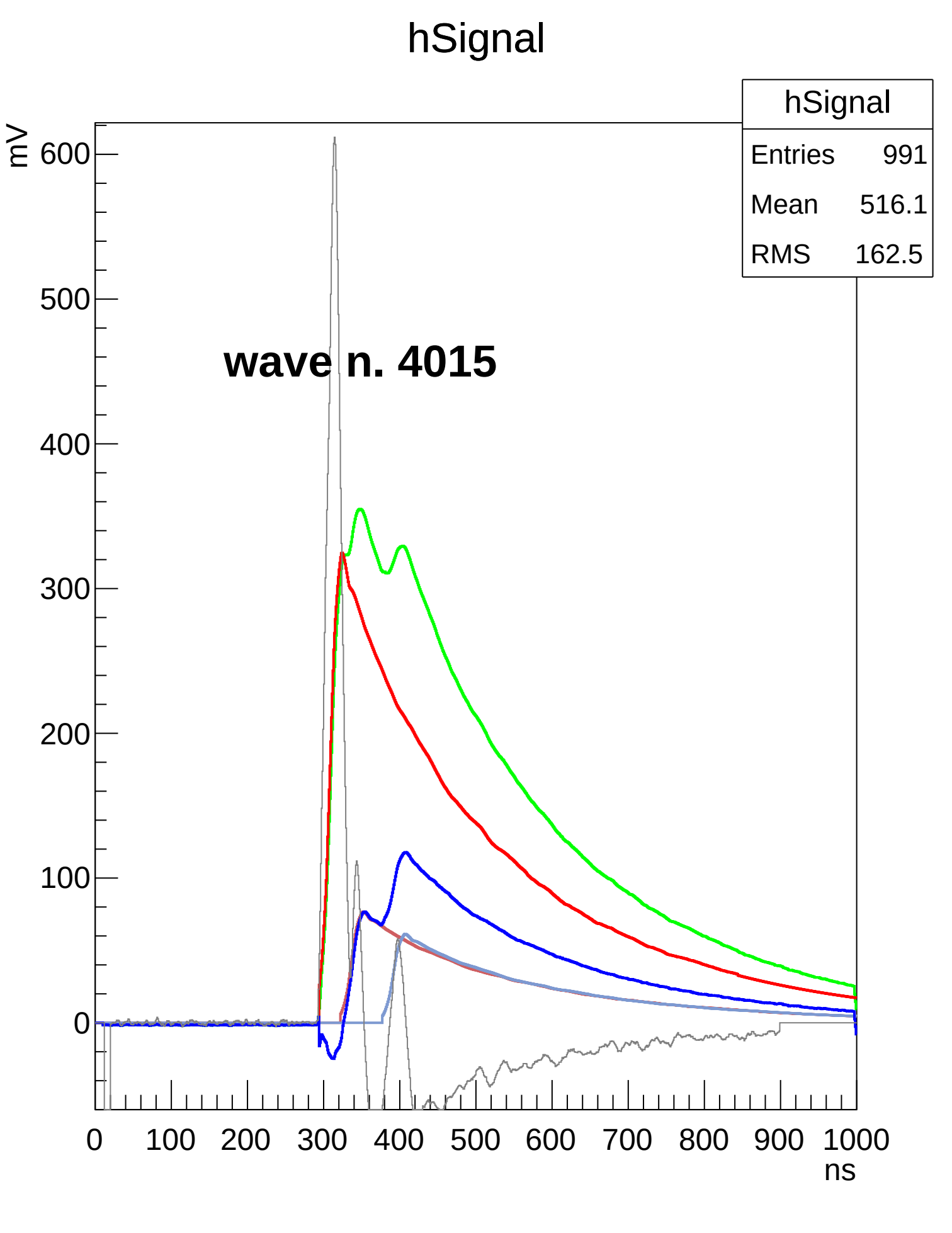
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 516.1
RMS 162.5
wave n. 4015
mV
600
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300
200
100
0
0
100
200
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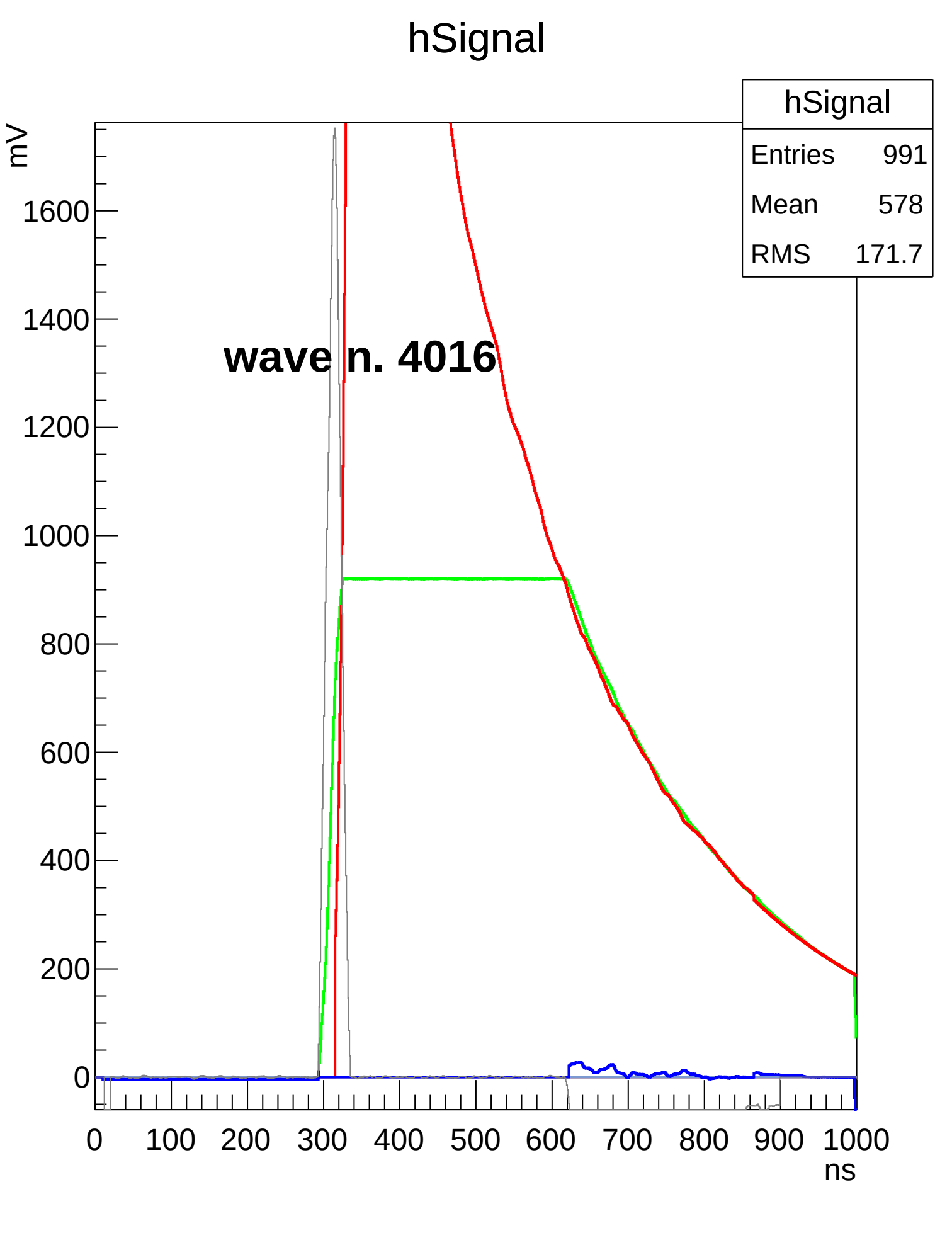
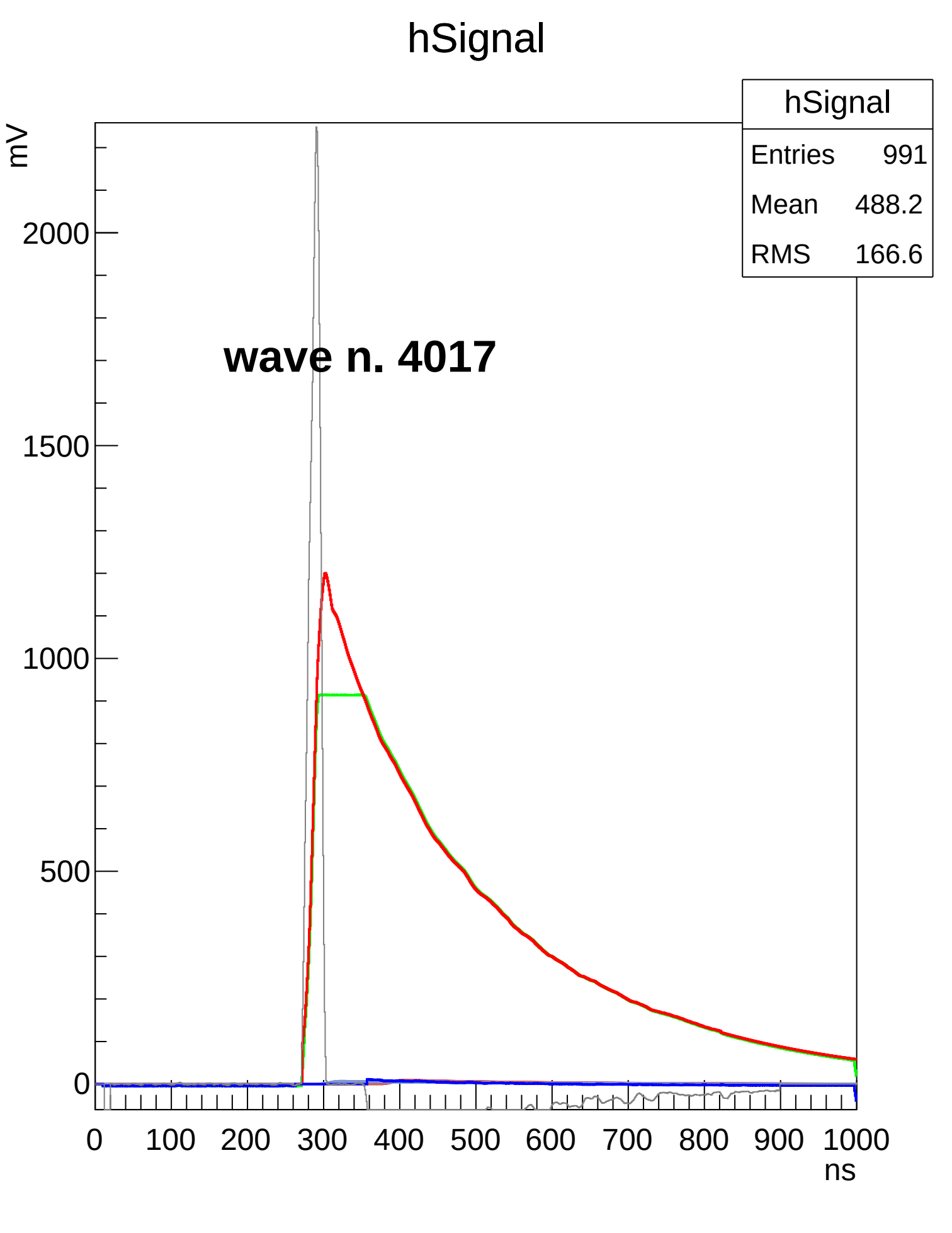
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578
RMS 171.7
wave n. 4016
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 488.2
RMS 166.6
wave n. 4017
mV
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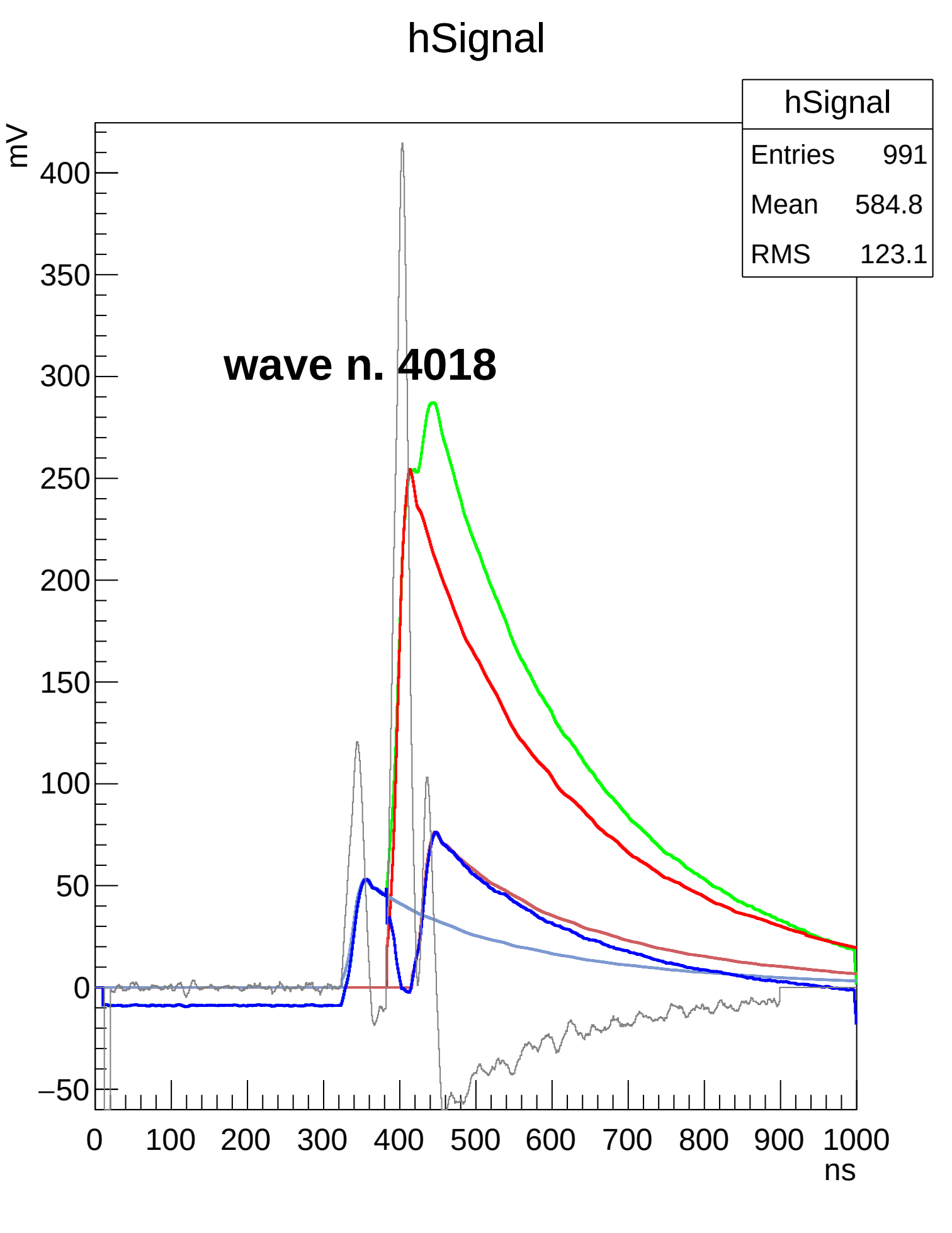
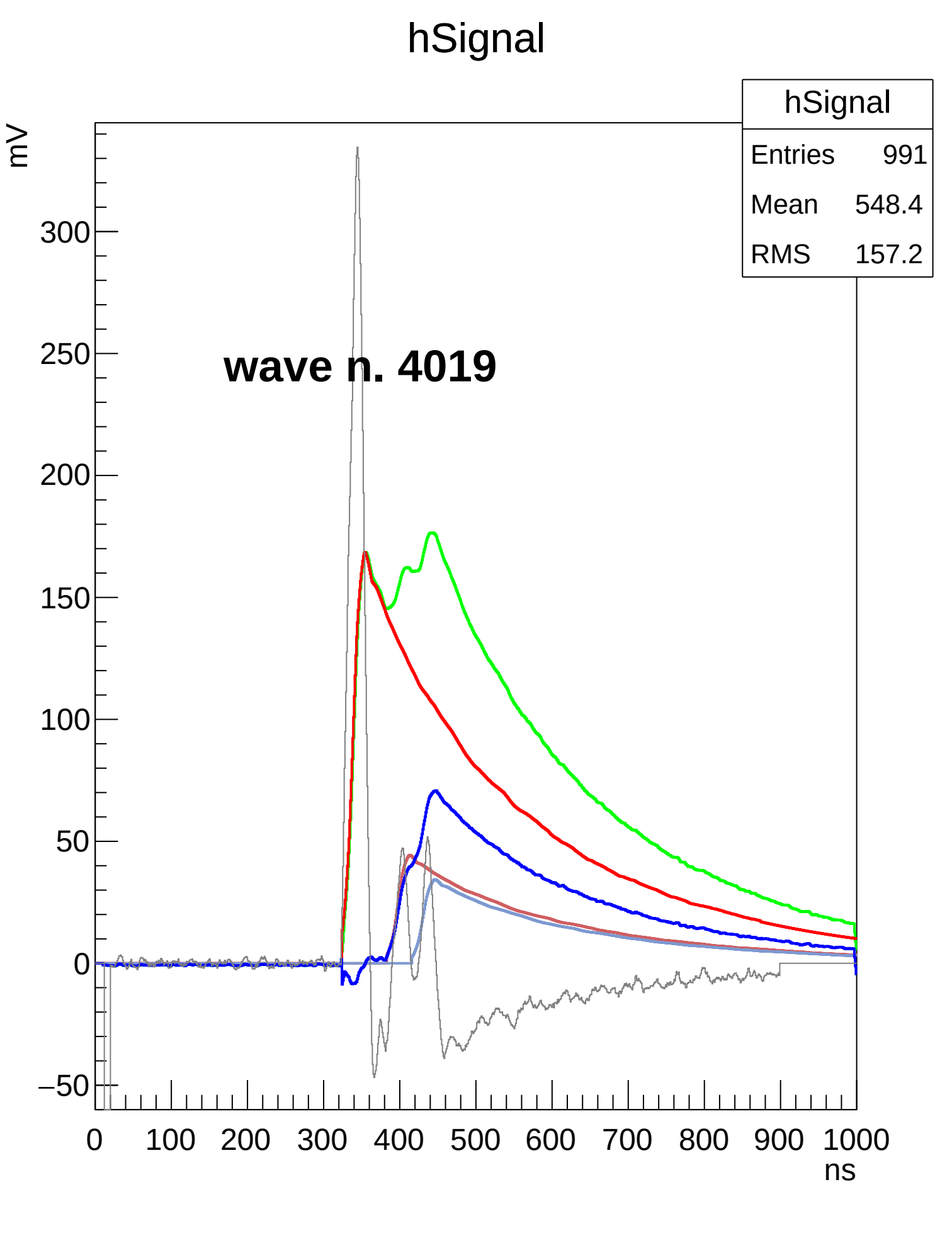
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 584.8
RMS 123.1
wave n. 4018
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 548.4
RMS 157.2
wave n. 4019
mV
300
250
200
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100
50
0
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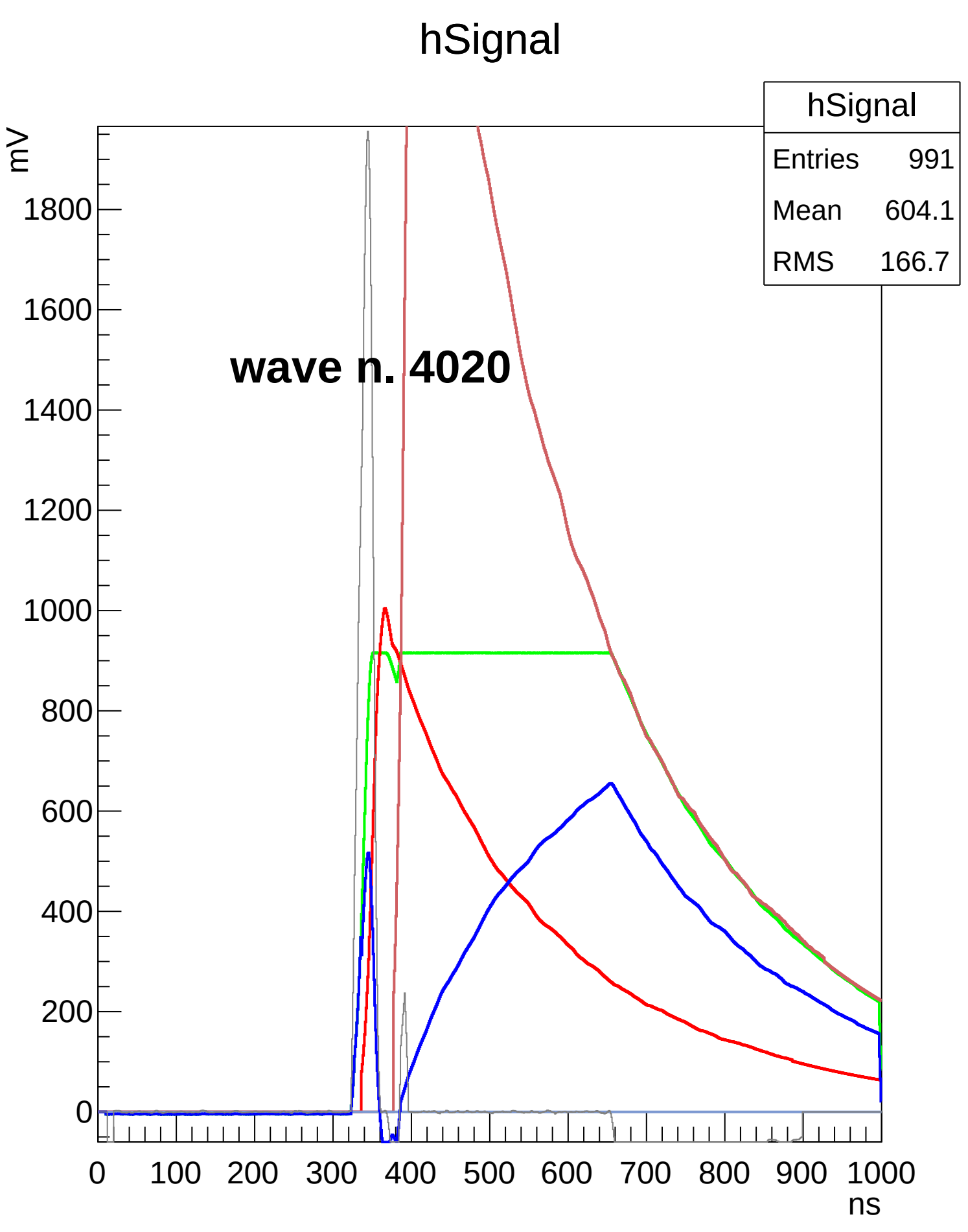
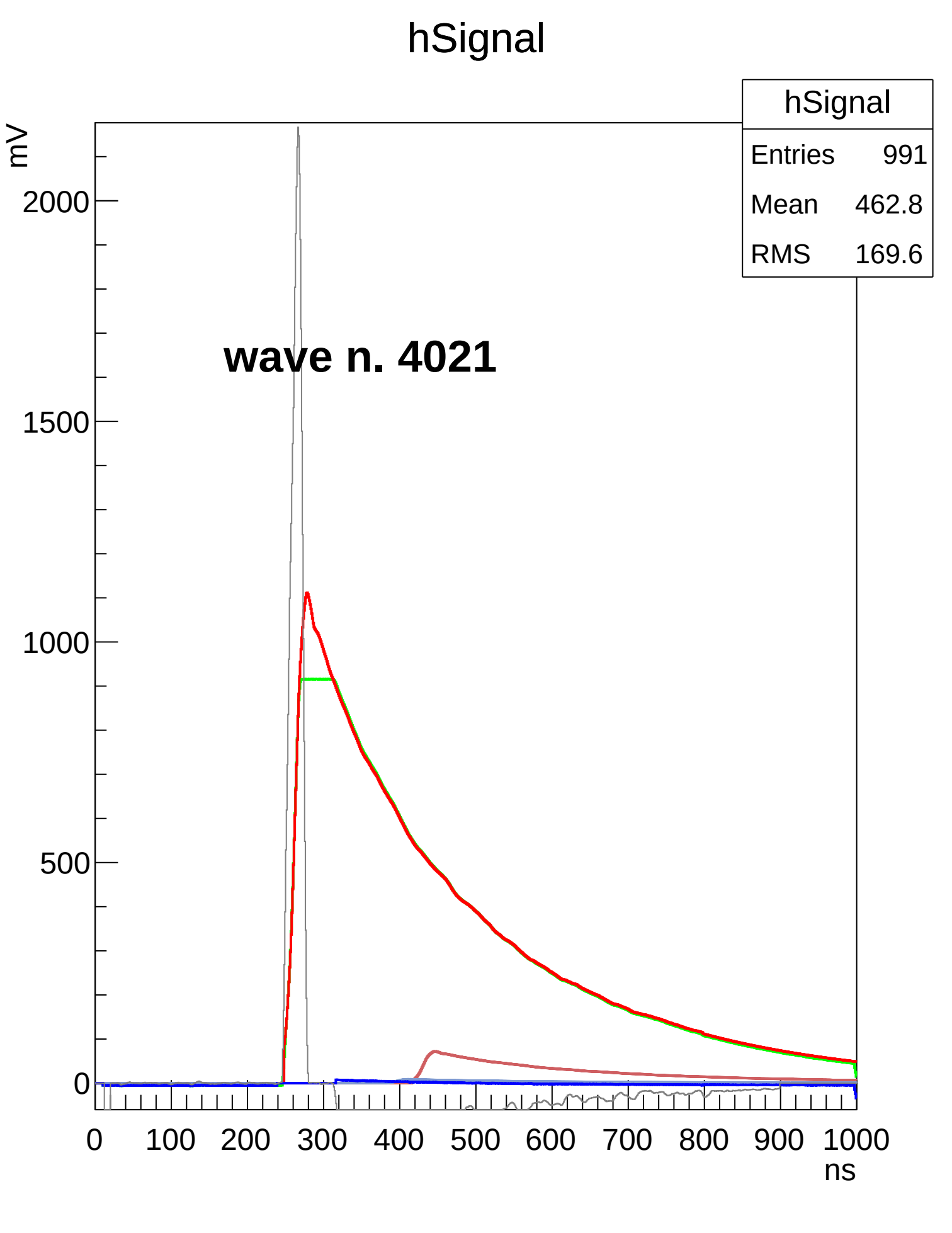
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 604.1
RMS 166.7
wave n. 4020
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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Mean 462.8
RMS 169.6
wave n. 4021
mV
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1000
500
0
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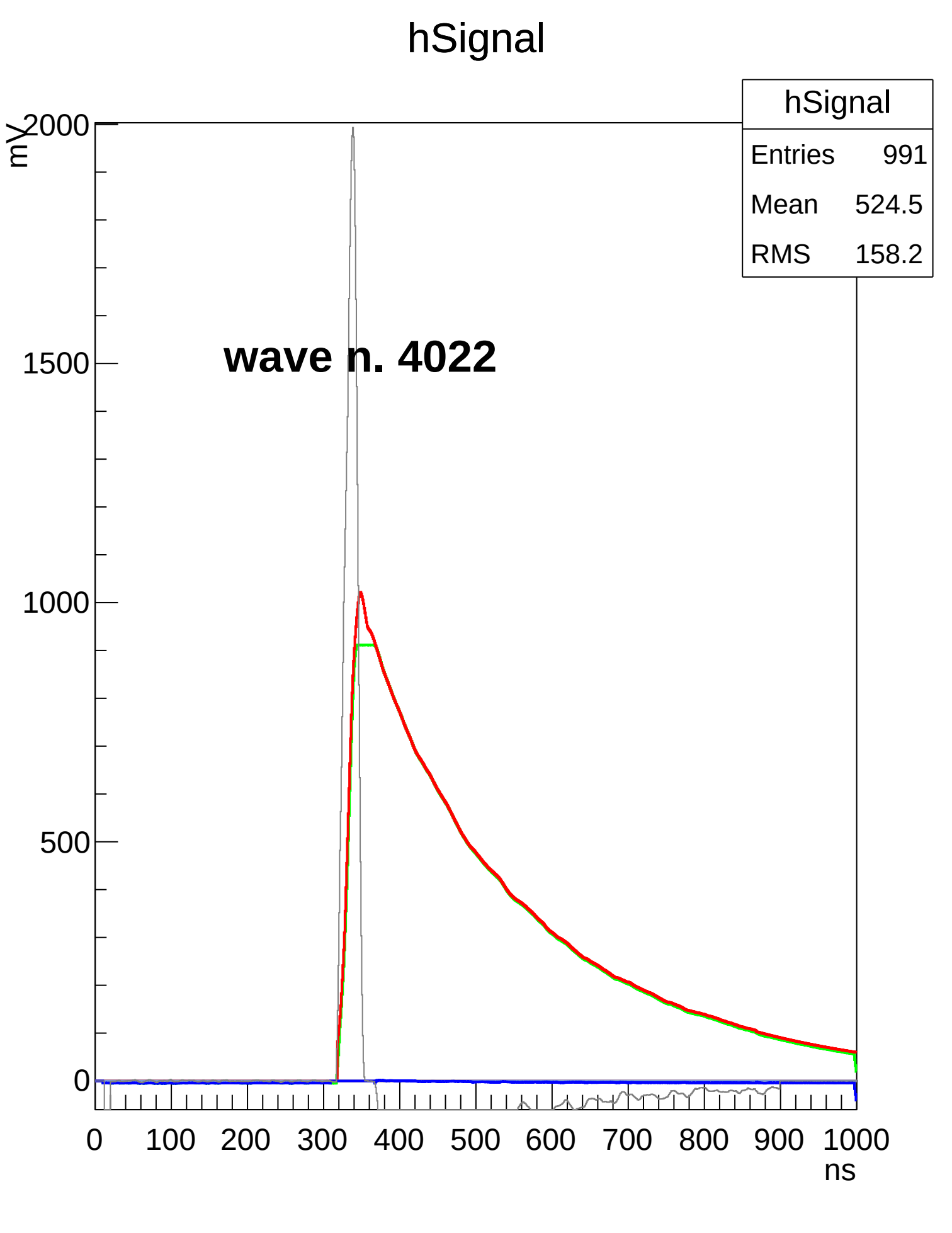
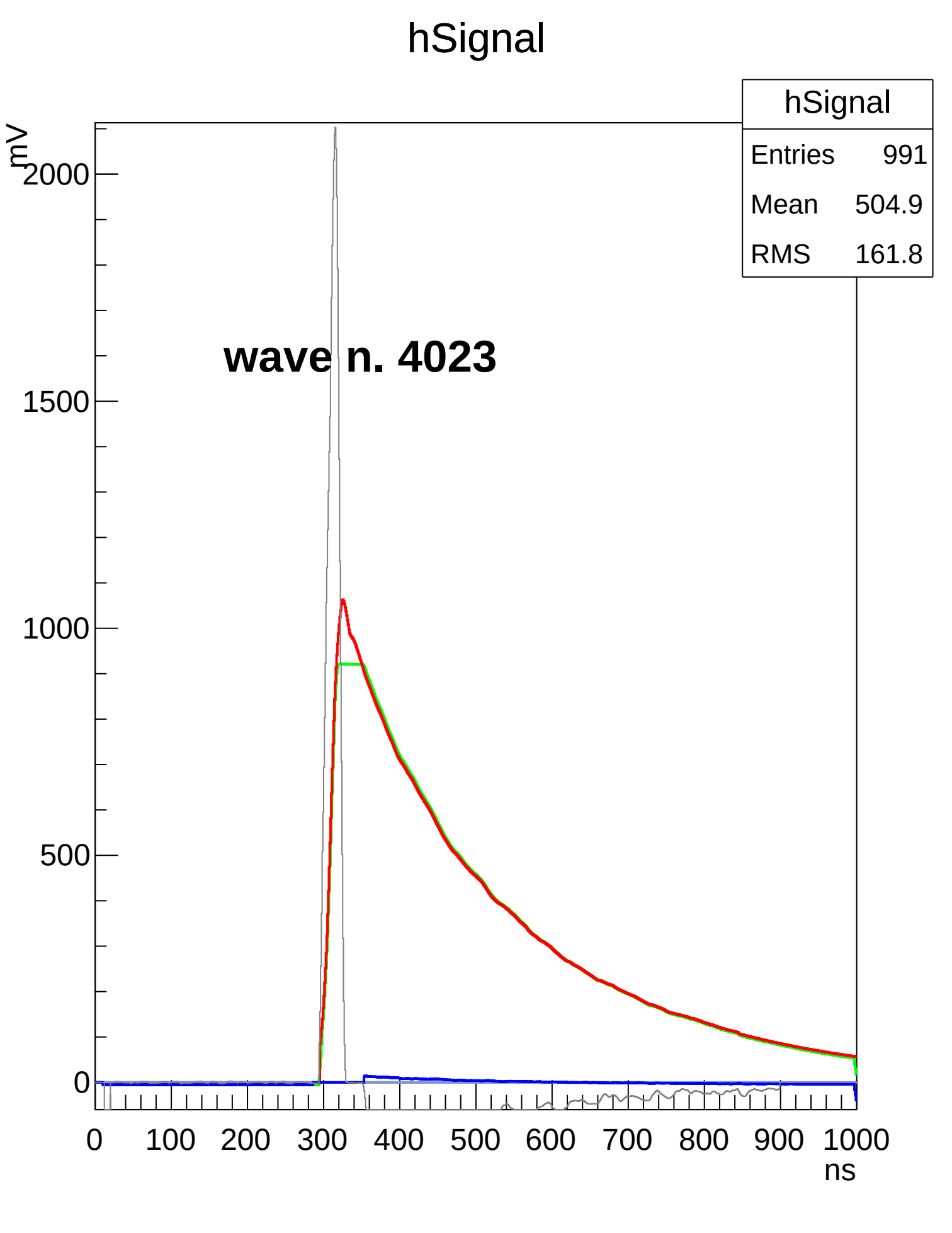
ns


hSignal
hSignal
Entries 991
Mean 524.5
RMS 158.2
wave n. 4022
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.9
RMS 161.8
wave n. 4023
mV
2000
1500
1000
500
0
0
100
200
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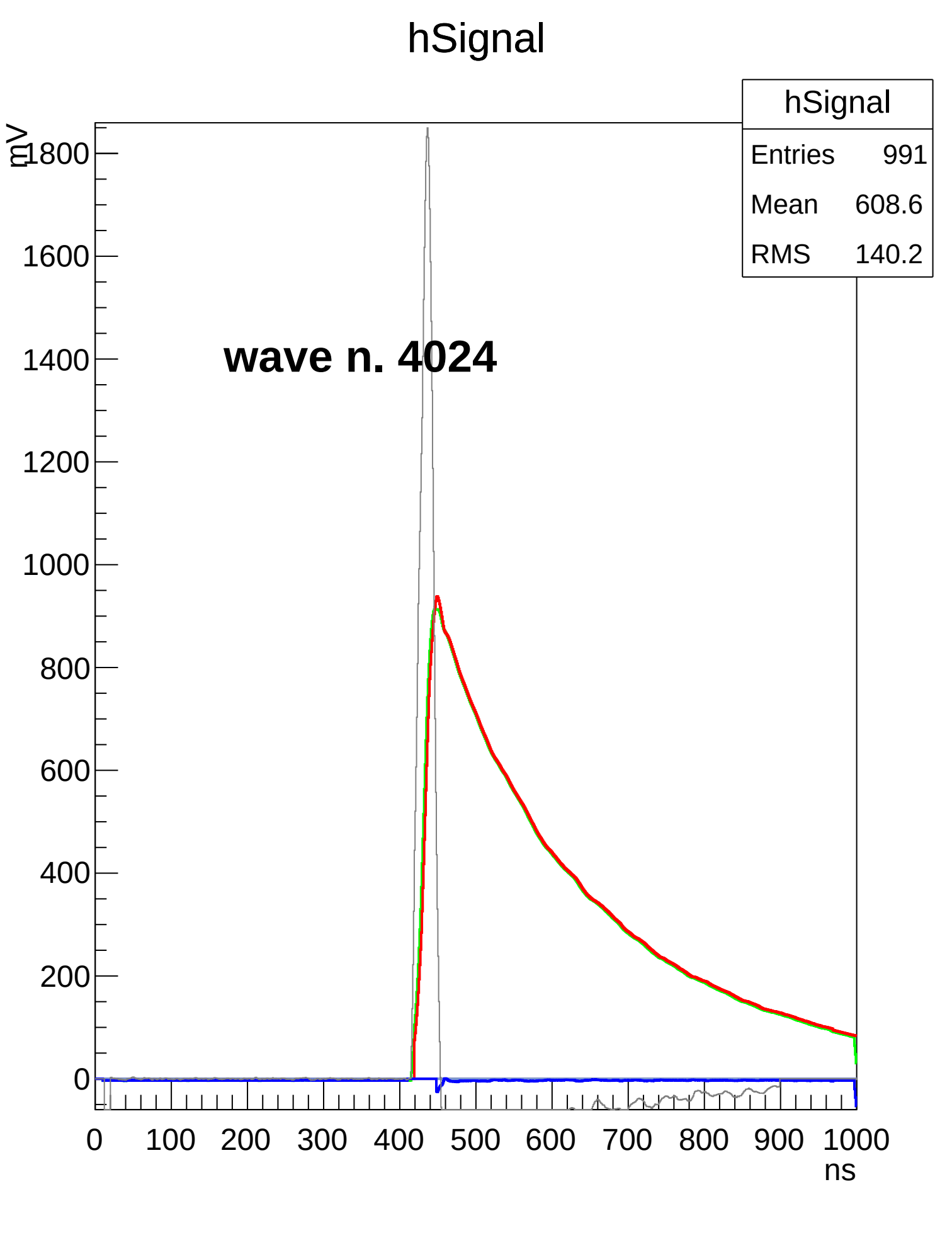
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 608.6
RMS 140.2
wave n. 4024
mV
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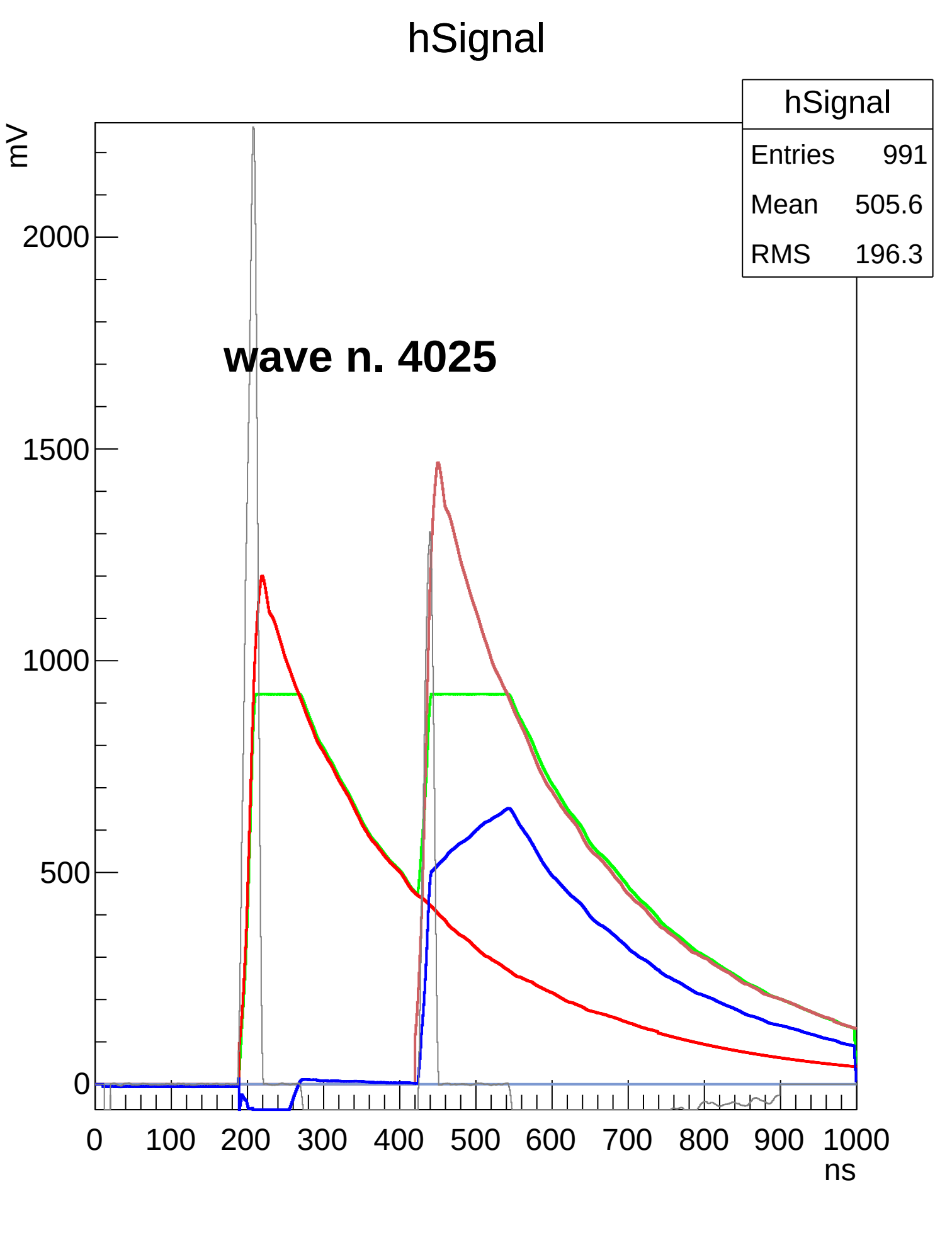
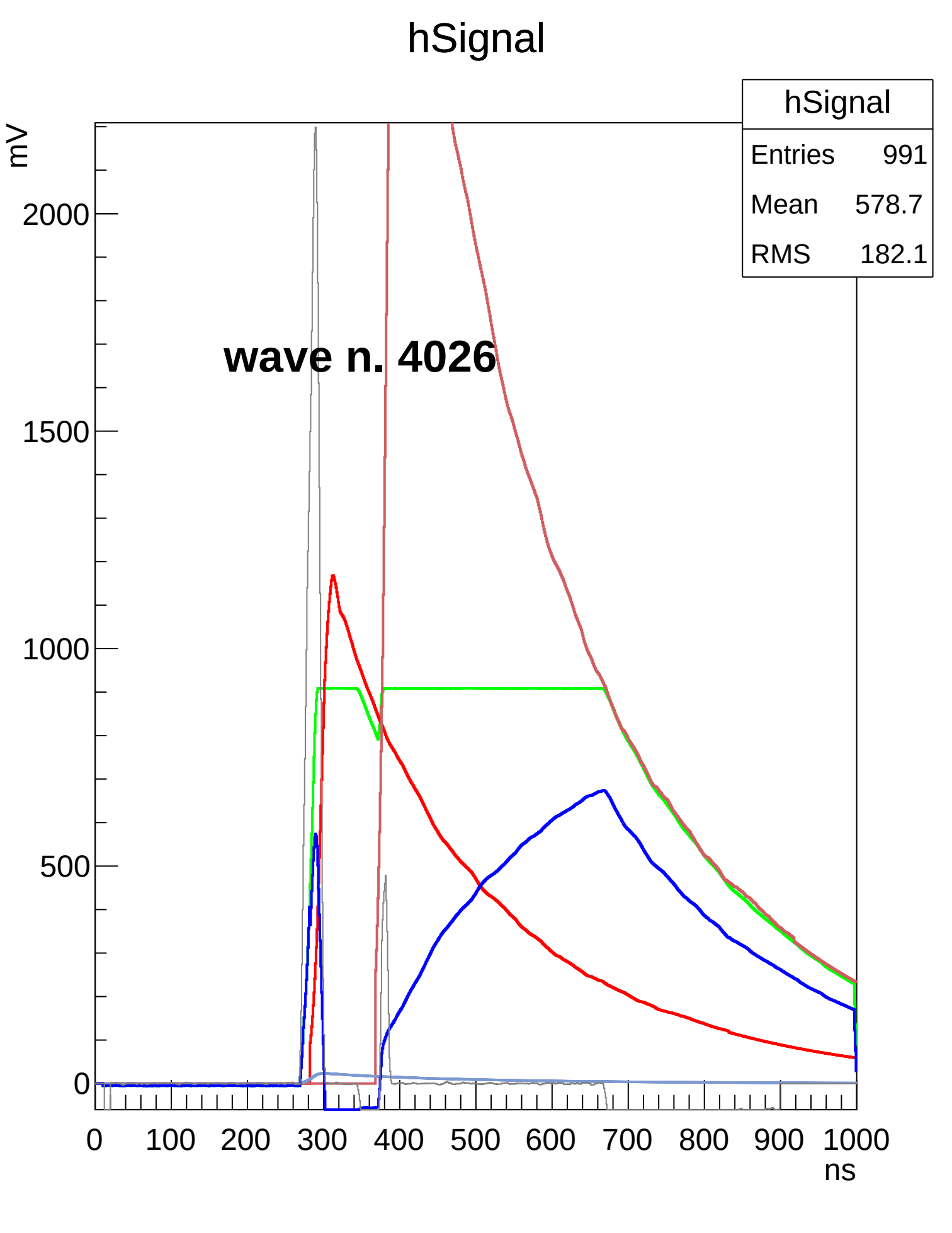
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 505.6
RMS 196.3
wave n. 4025
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578.7
RMS 182.1
wave n. 4026
mV
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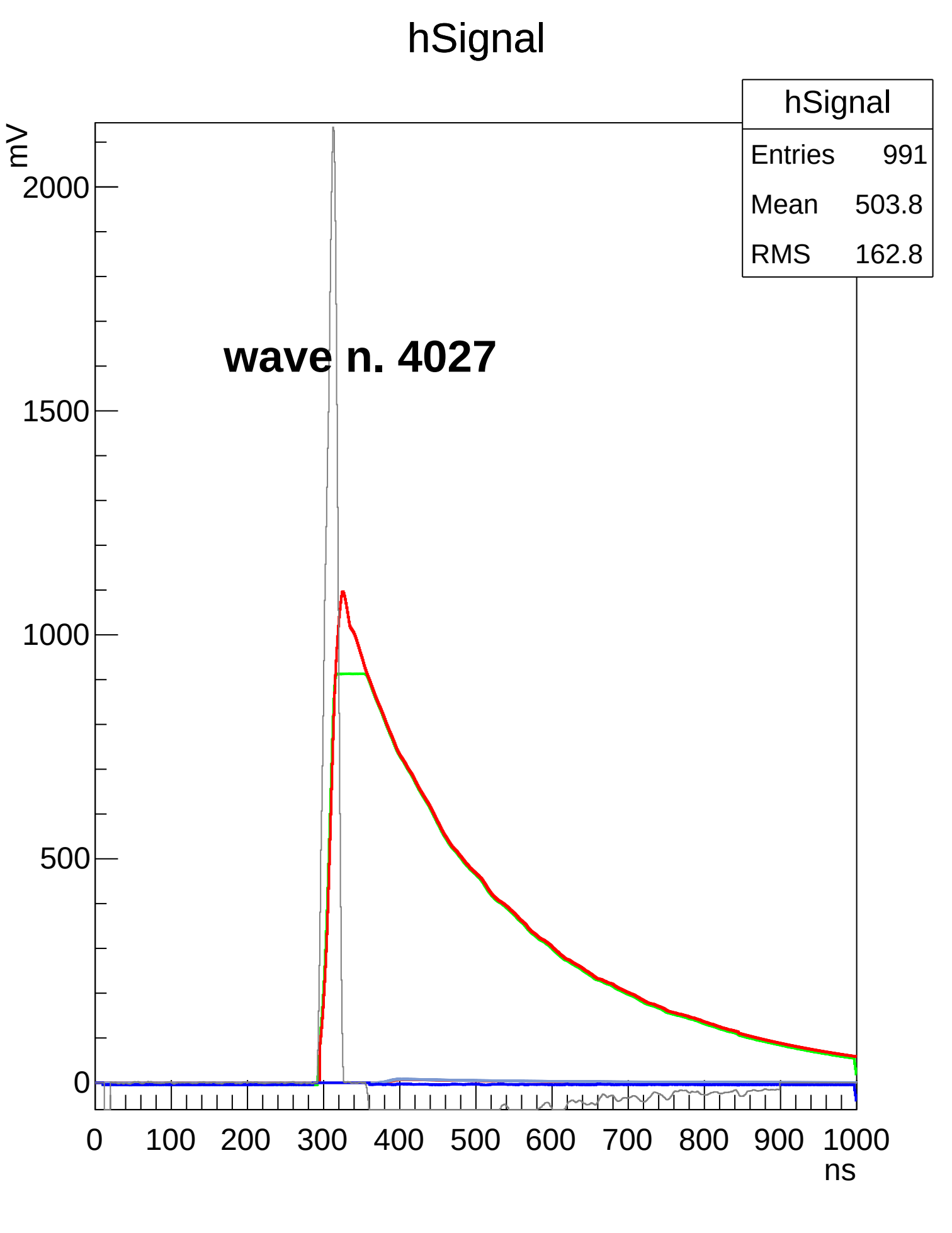
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.8
RMS 162.8
wave n. 4027
mV
2000
1500
1000
500
0
0
100
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400
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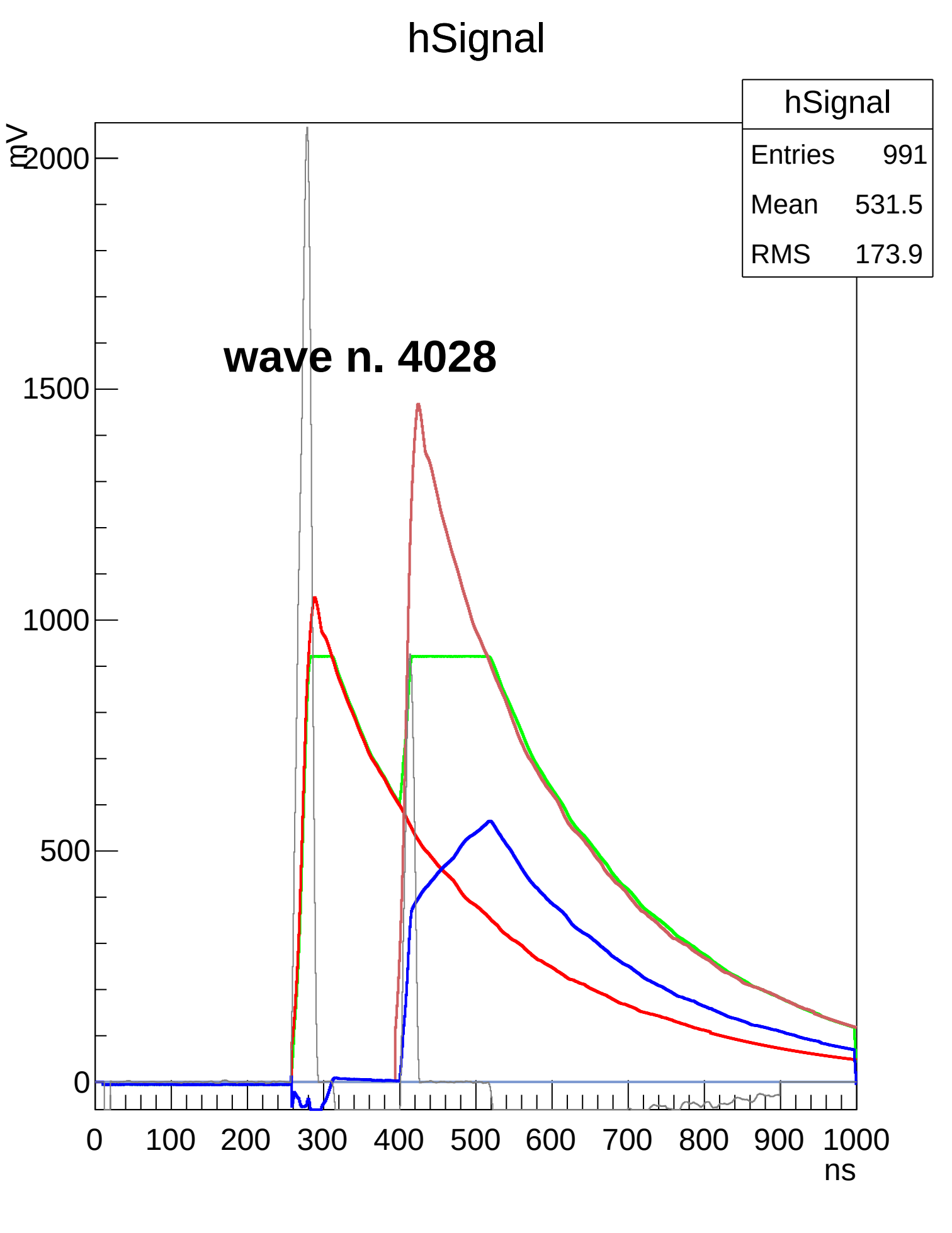
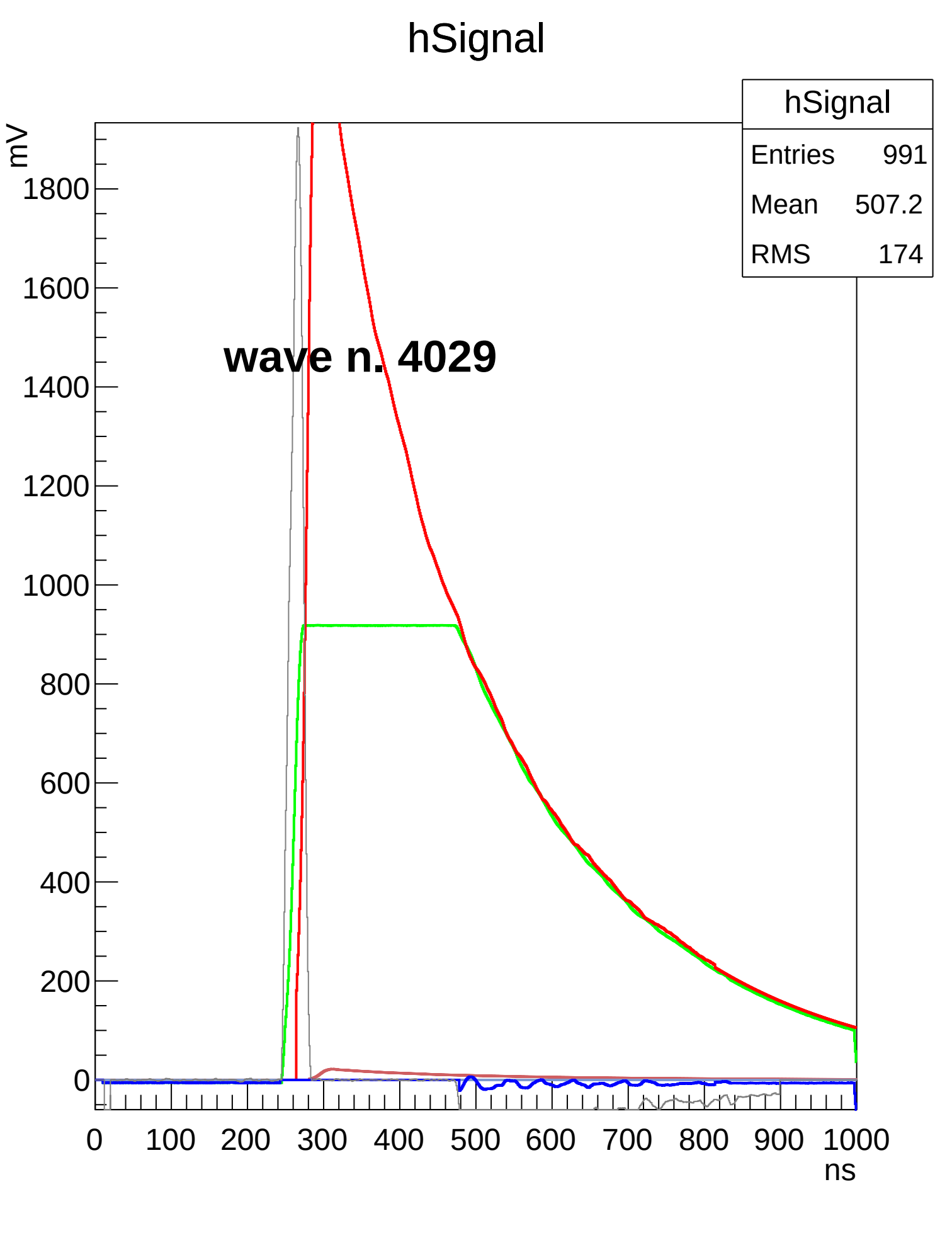
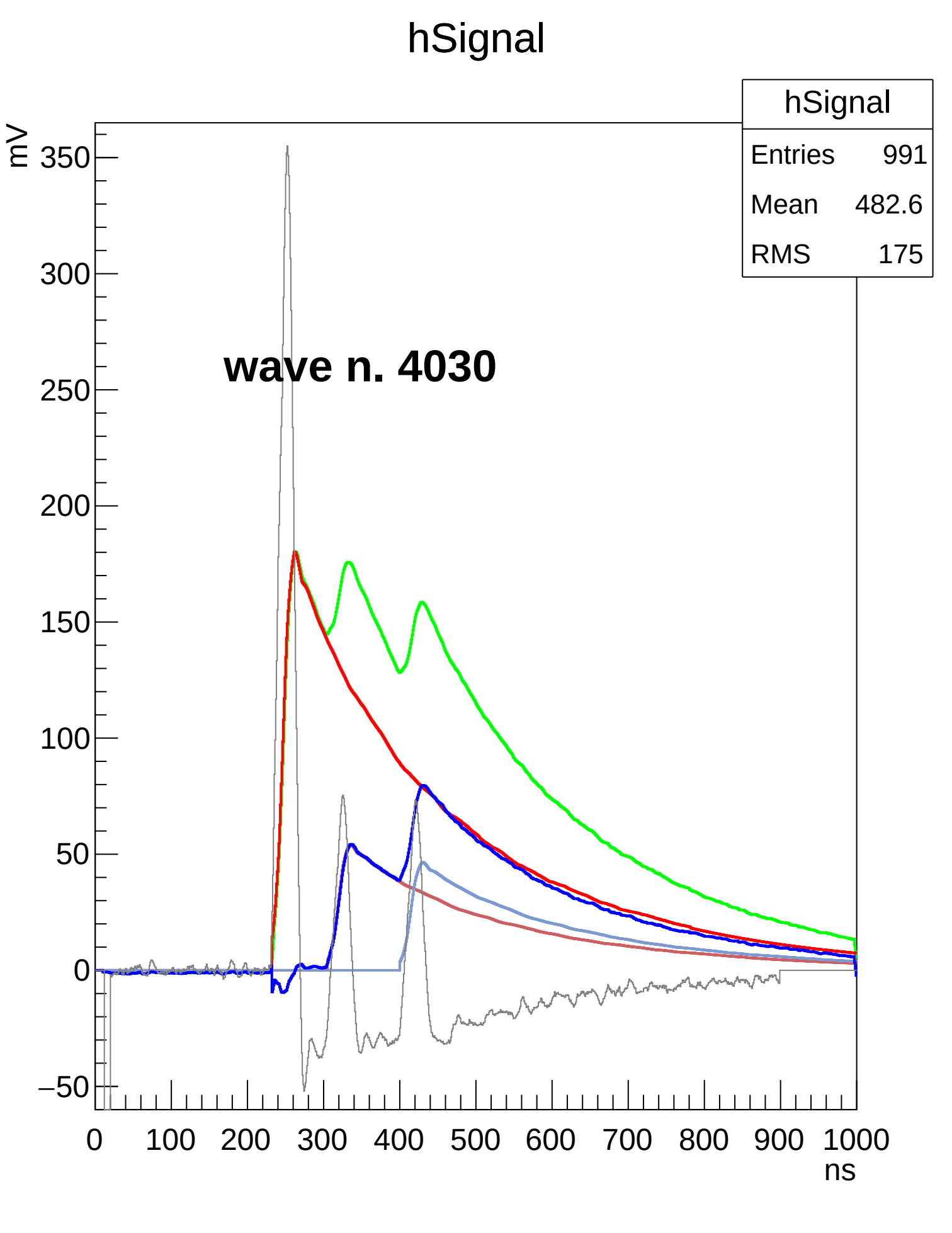
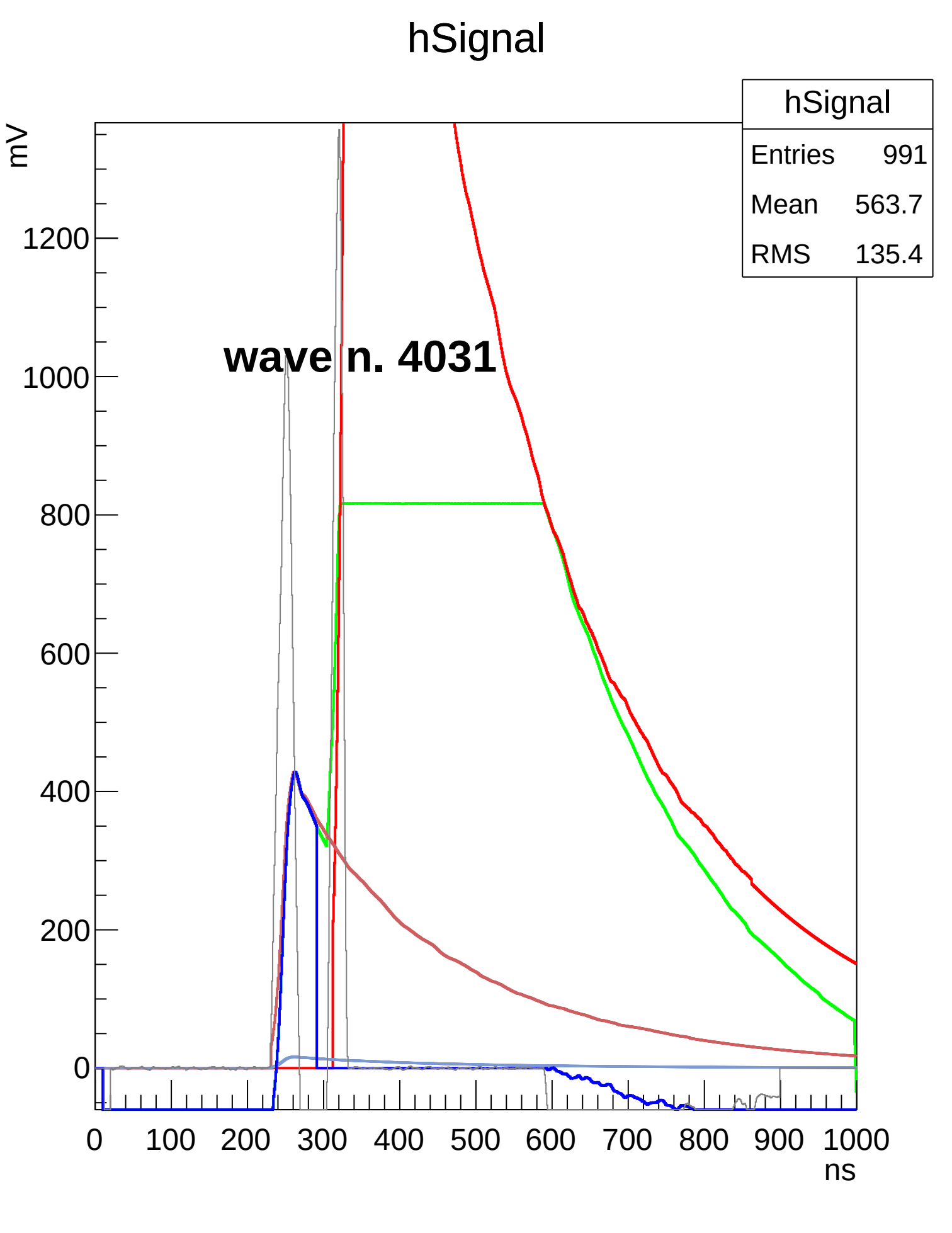
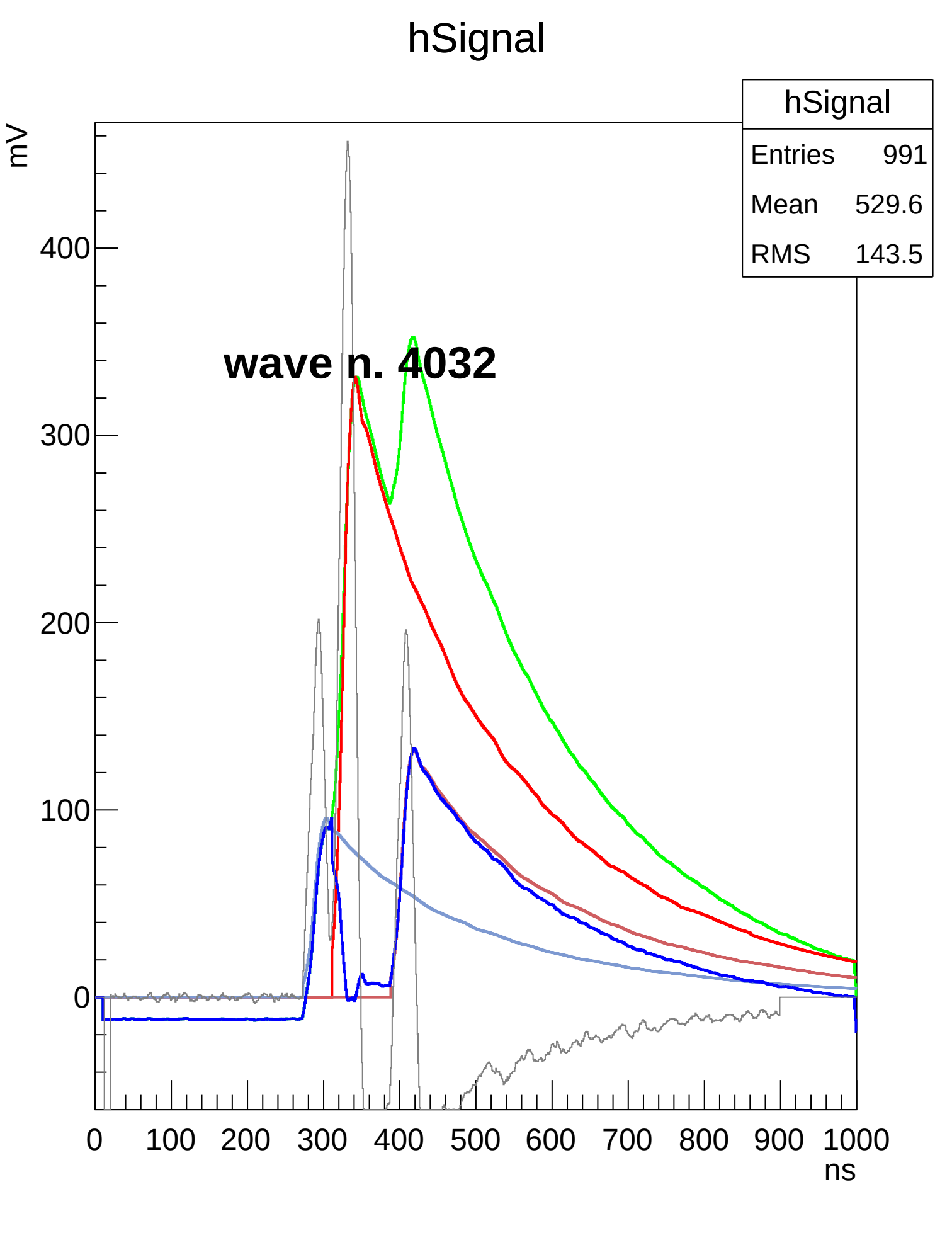
700
800
900
1000
ns

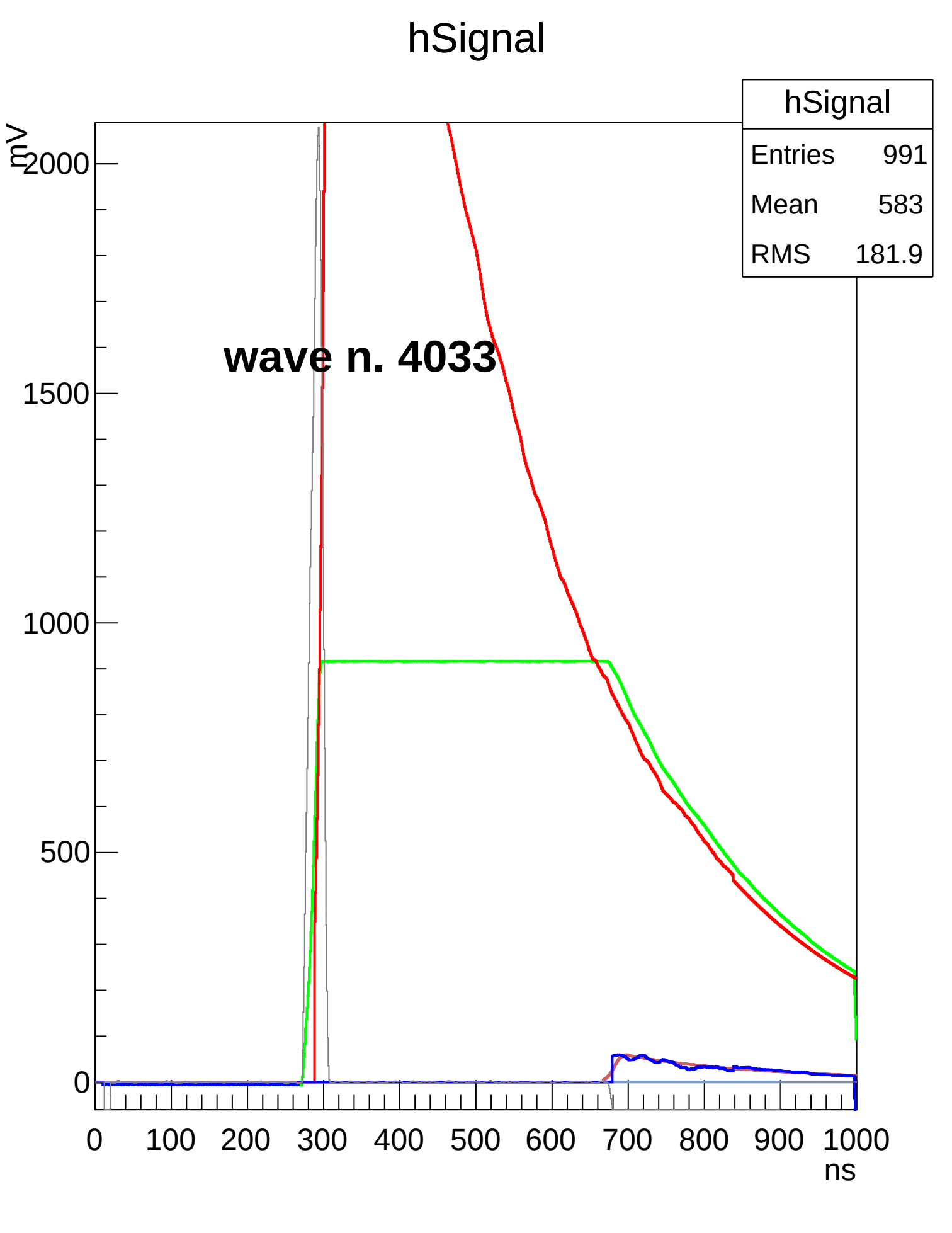

hSignal
hSignal
Entries 991
Mean 531.5
RMS 173.9
wave n. 4028
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

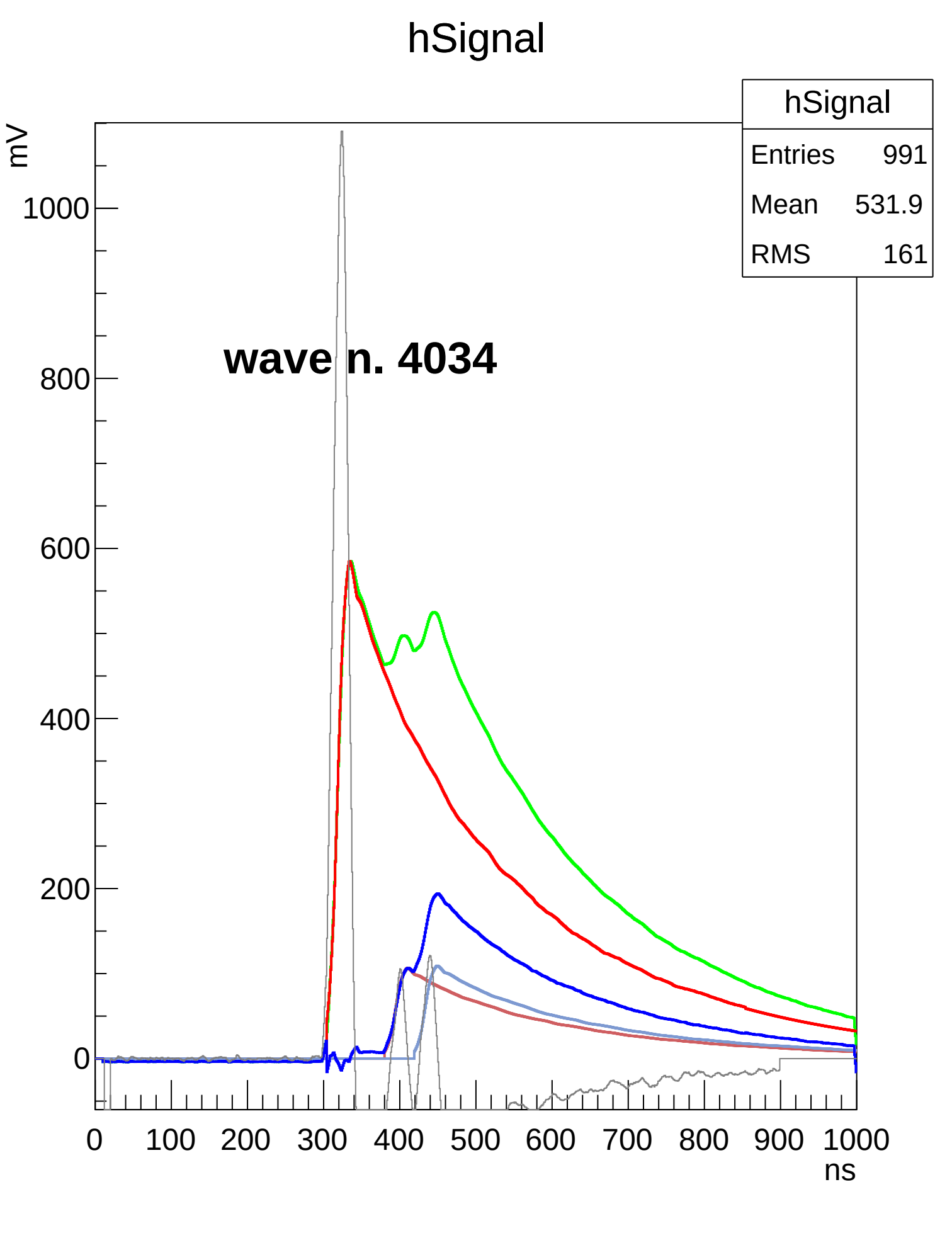

hSignal
hSignal
Entries 991
Mean 507.2
RMS 174
wave n. 4029
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

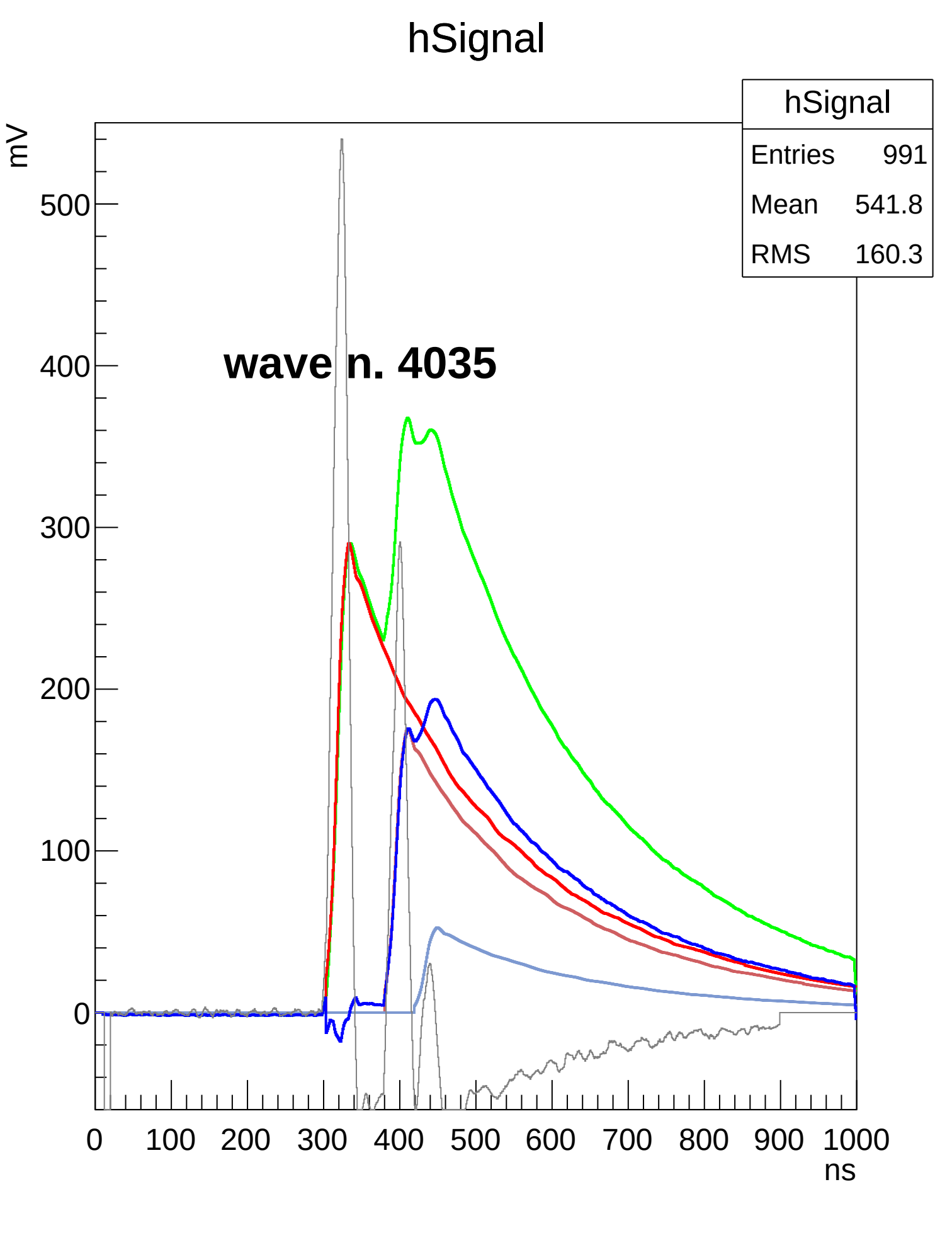

hSignal
hSignal
Entries 991
Mean 482.6
RMS 175
wave n. 4030
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

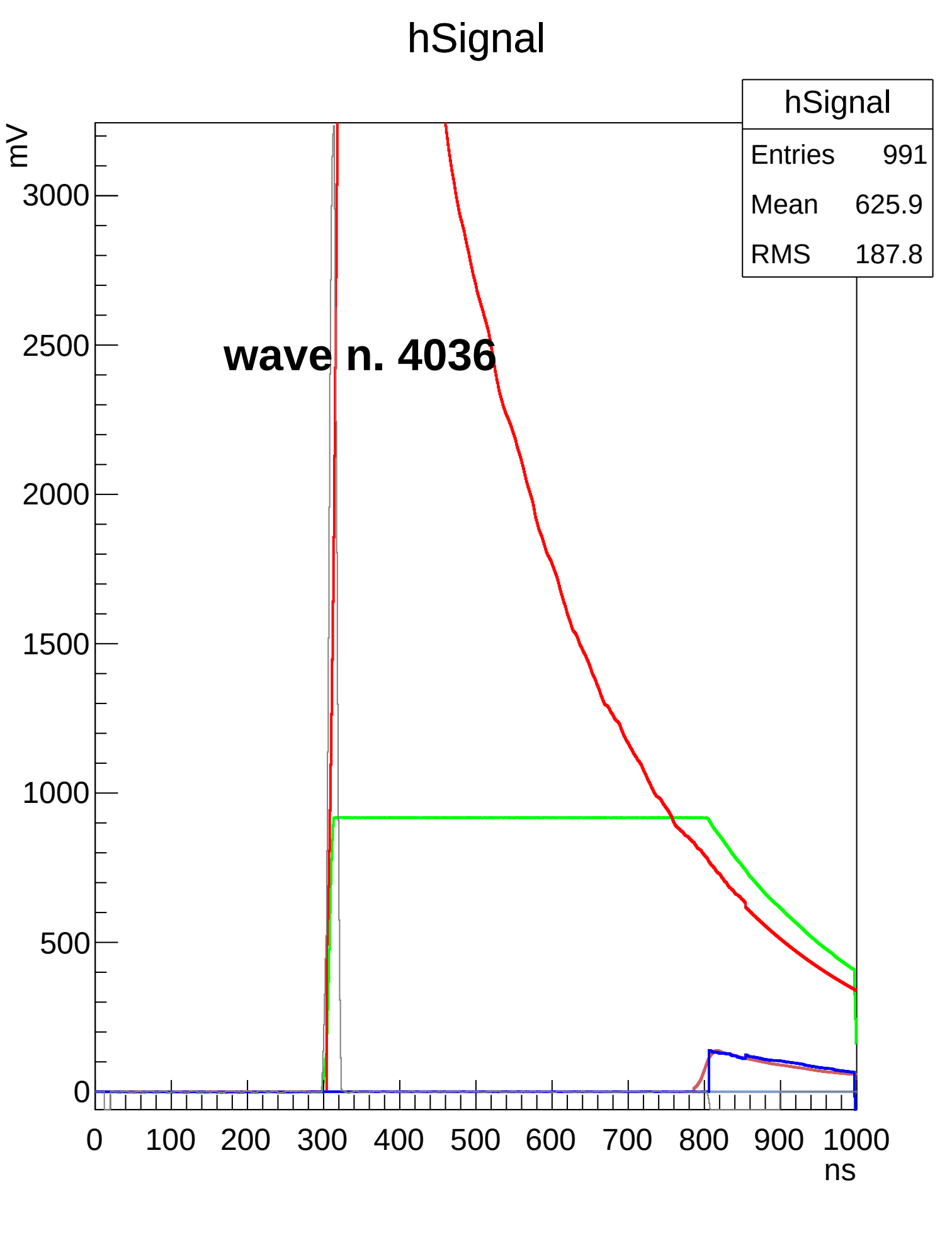

hSignal
hSignal
Entries 991
Mean 563.7
RMS 135.4
wave n. 4031
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 529.6
RMS 143.5
wave n. 4032
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 583
RMS 181.9
wave n. 4033
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 531.9
RMS 161
wave n. 4034
mV
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 541.8
RMS 160.3
wave n. 4035
mV
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns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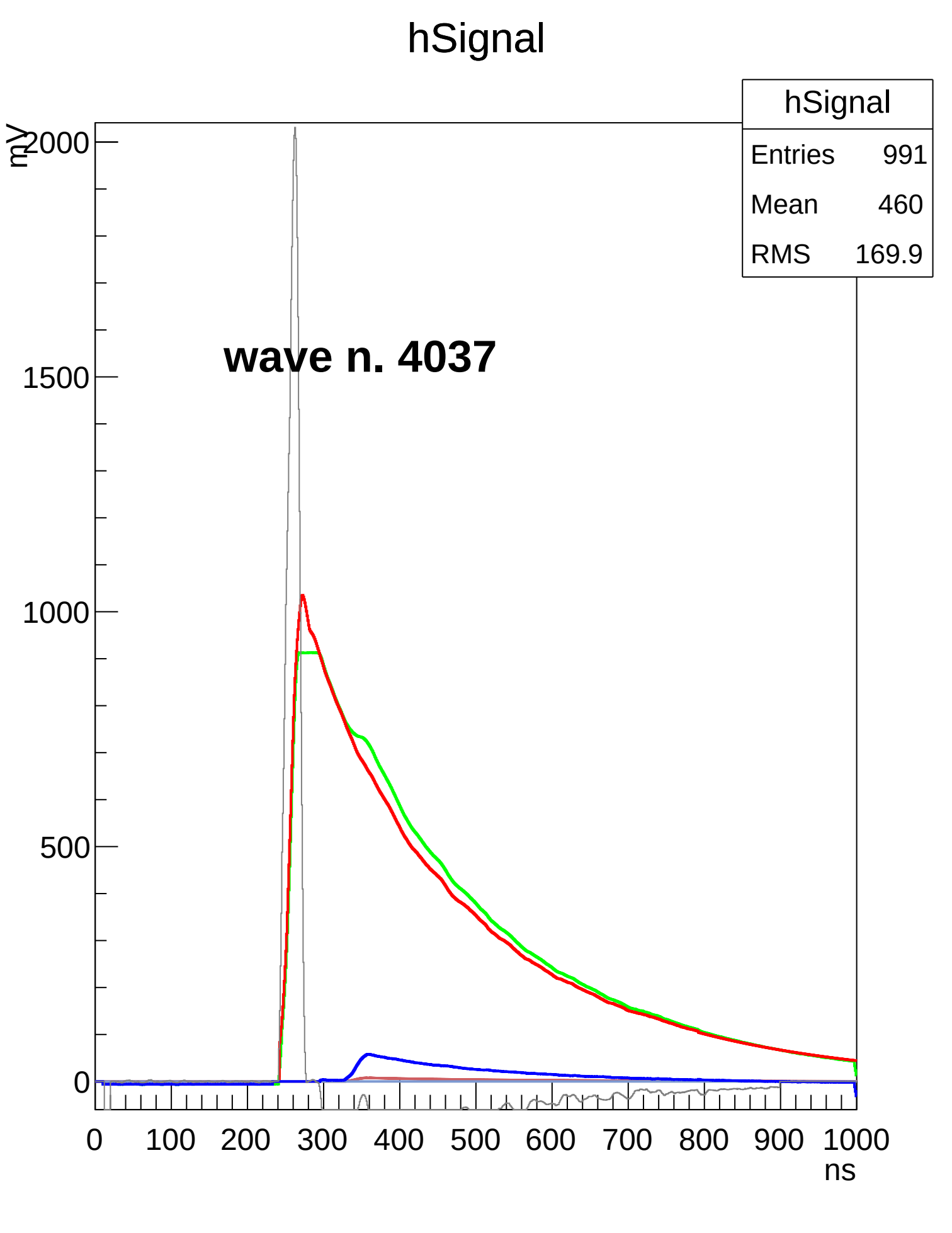
hSignal
Entries 991
Mean 625.9
RMS 187.8
wave n. 4036
mV
3000
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 460
RMS 169.9
wave n. 4037
mV
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1500
1000
500
0
0
100
200
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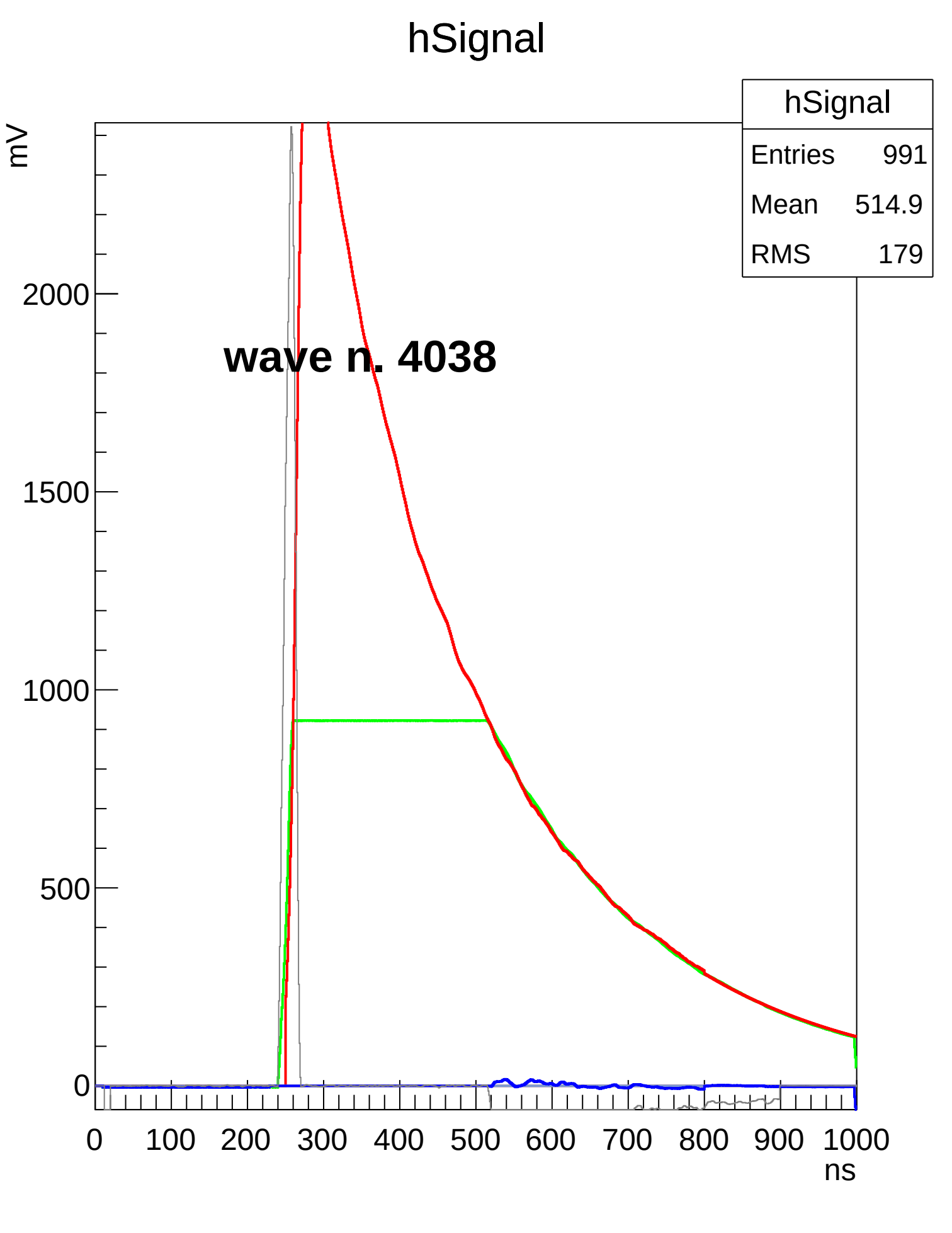
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 514.9
RMS 179
wave n. 4038
mV
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1500
1000
500
0
0
100
200
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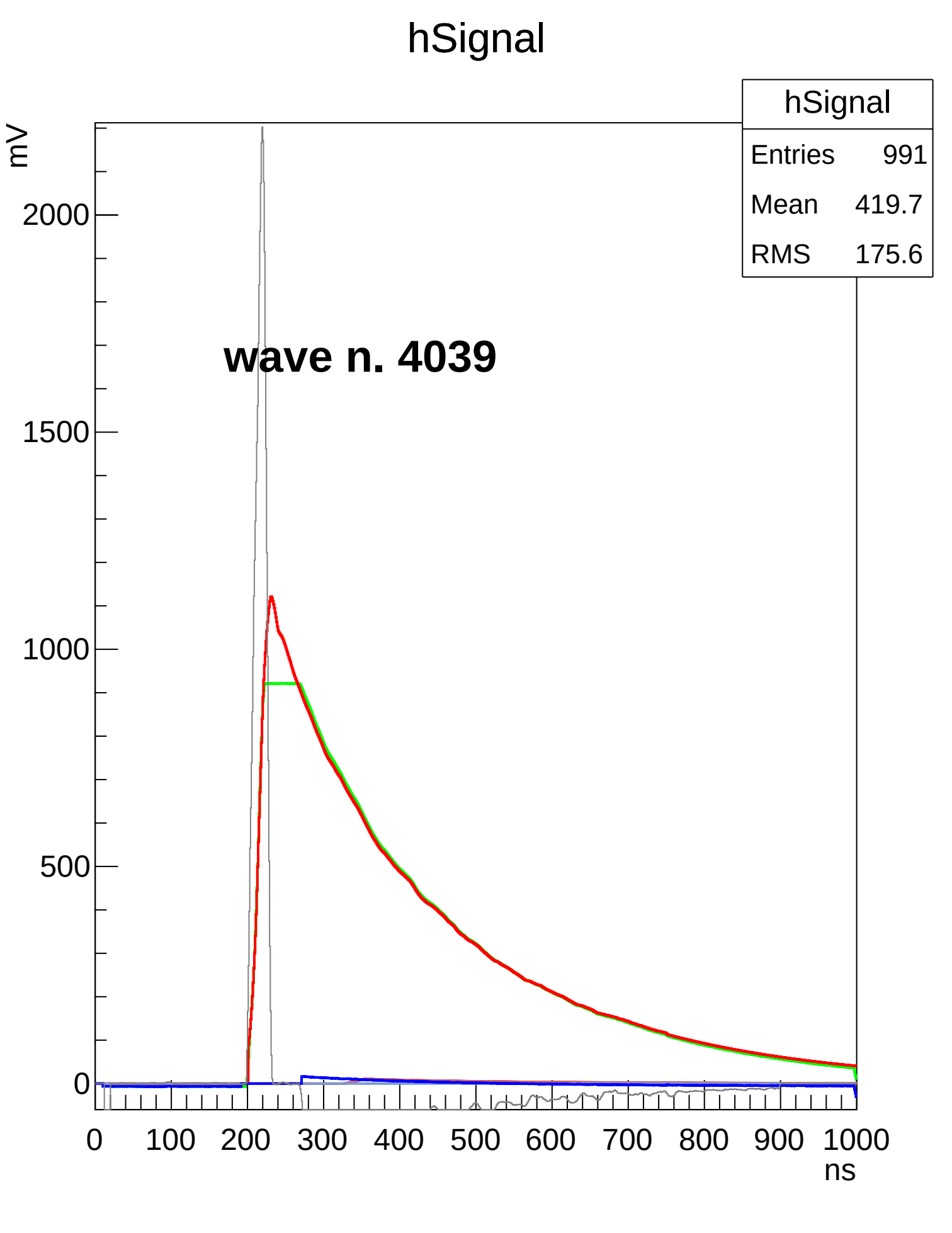
800
900
1000
ns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hSignal
Entries 991
Mean 419.7
RMS 175.6
wave n. 4039
mV
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1500
1000
500
0
0
100
200
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400
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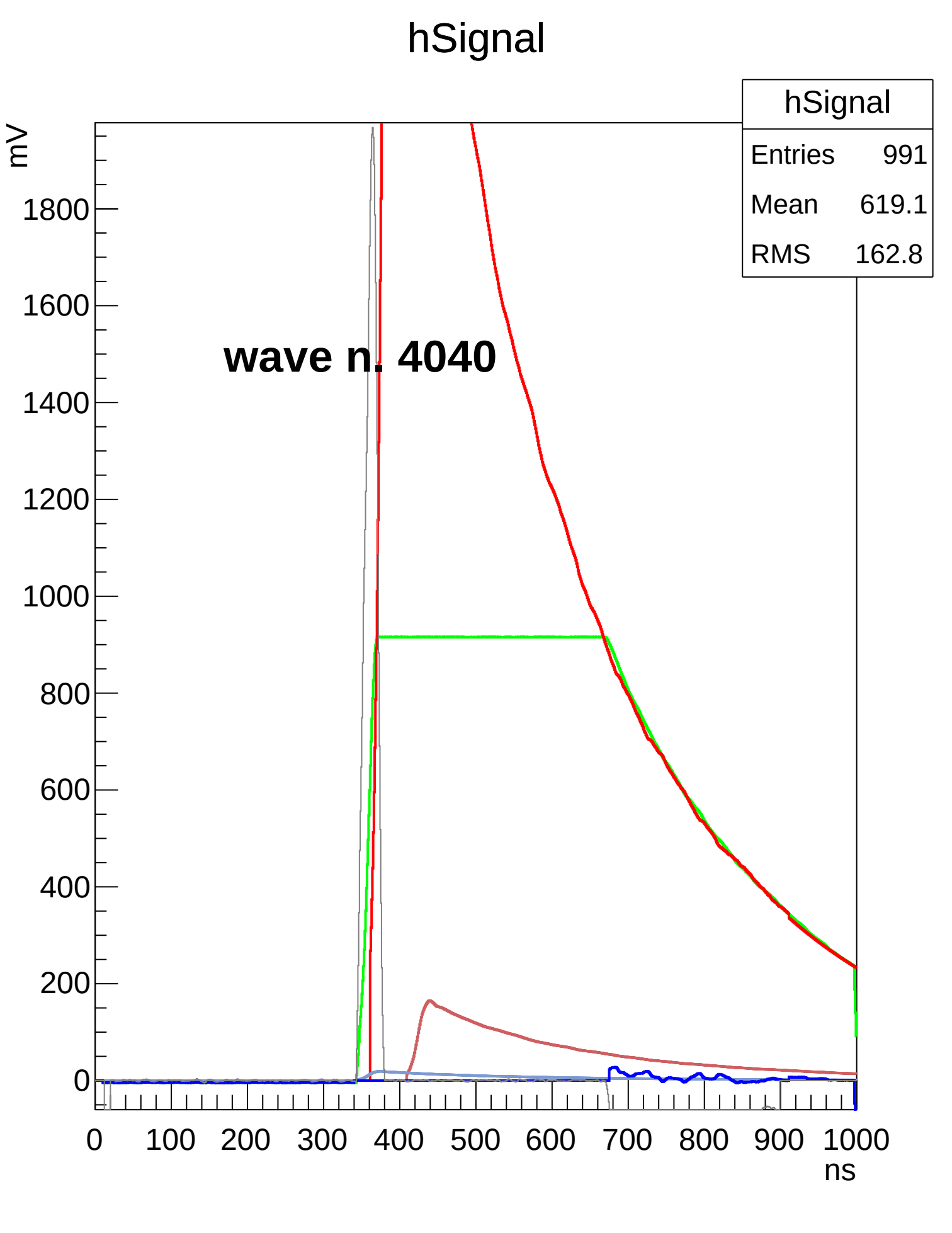
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 619.1
RMS 162.8
wave n. 4040
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
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400
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1000
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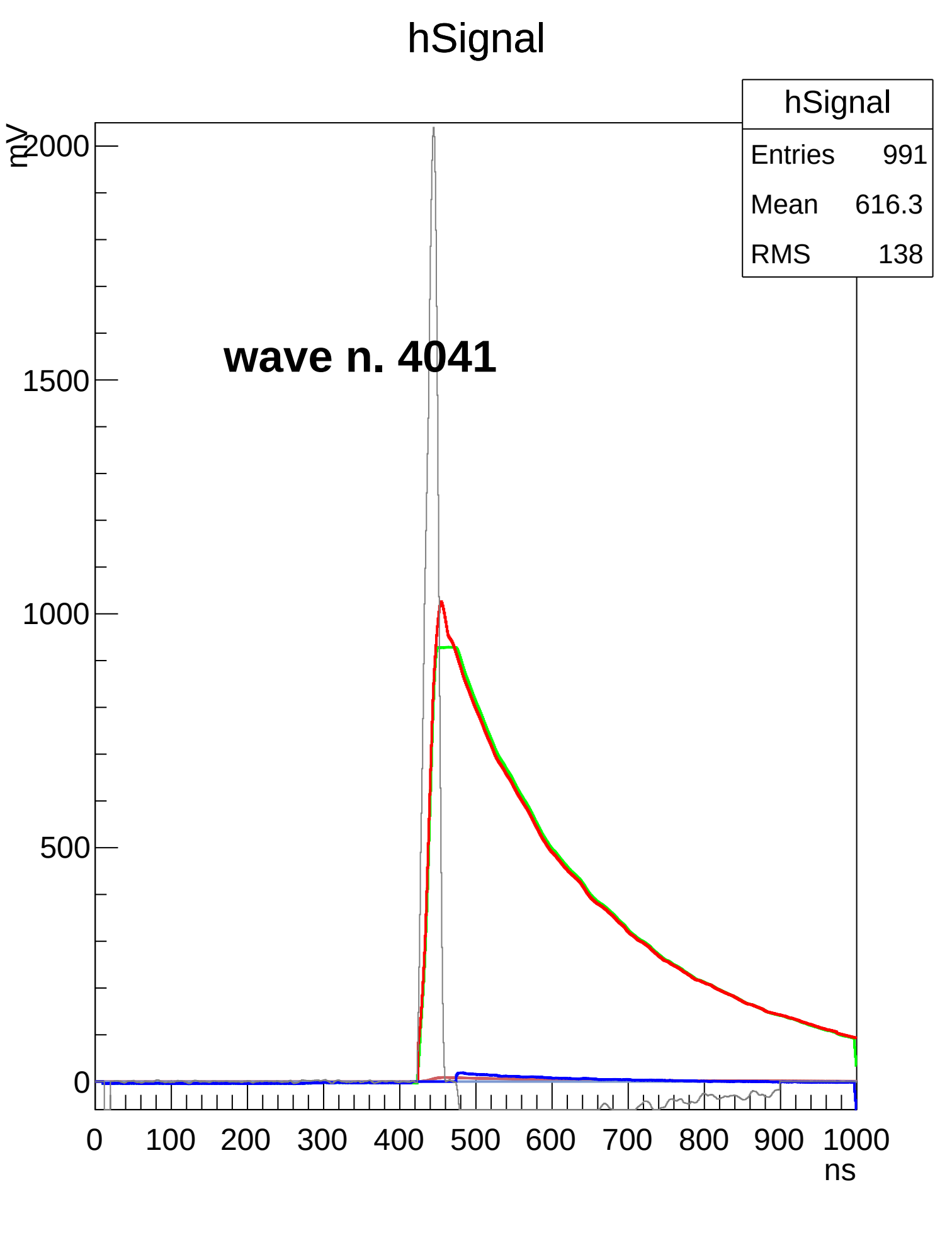
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hSignal
Entries 991
Mean 616.3
RMS 138
wave n. 4041
mV
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1500
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0
0
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400
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600
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800
900
1000
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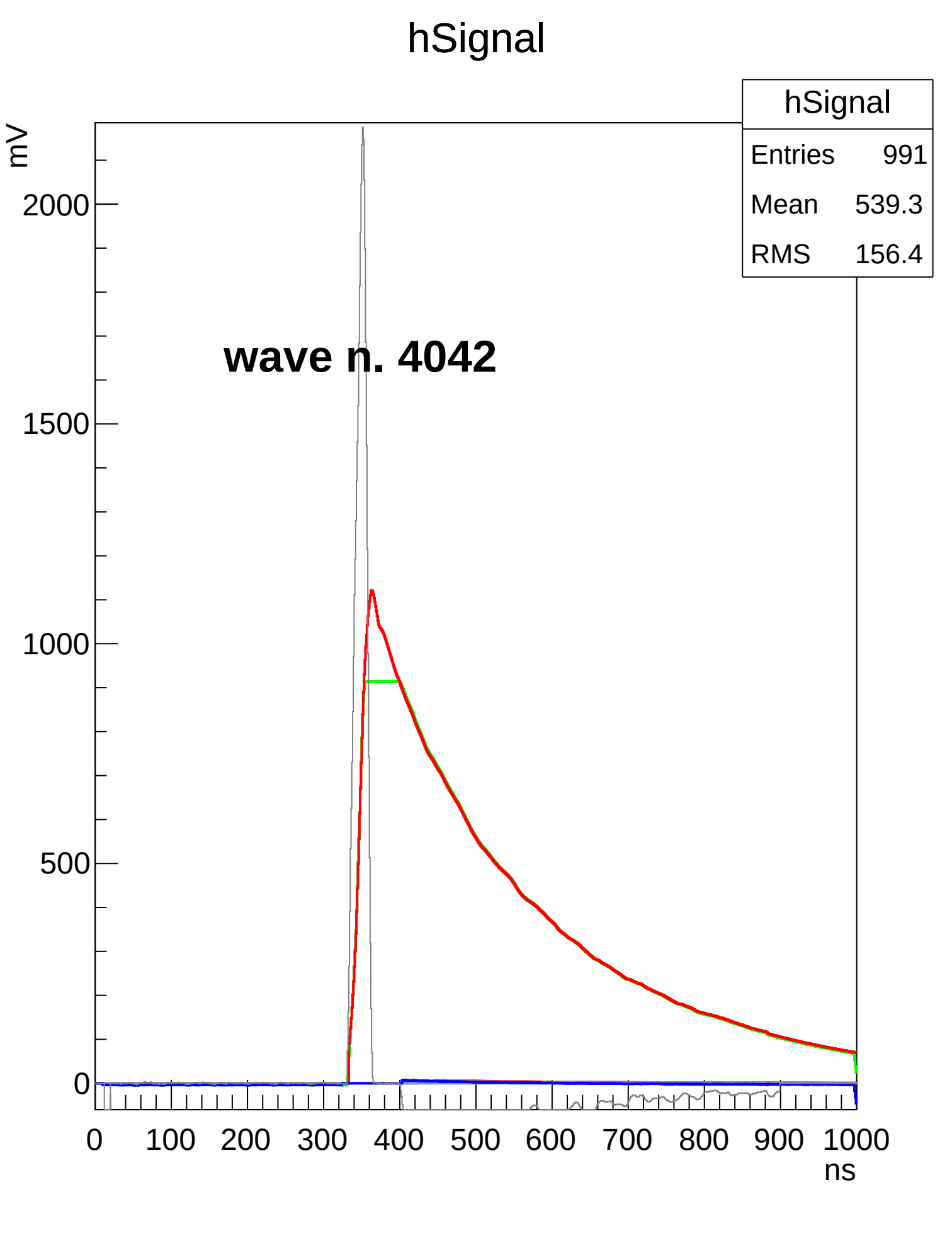
hSignal
hSignal
Entries 991
Mean 539.3
RMS 156.4
wave n. 4042
mV
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1500
1000
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0
100
200
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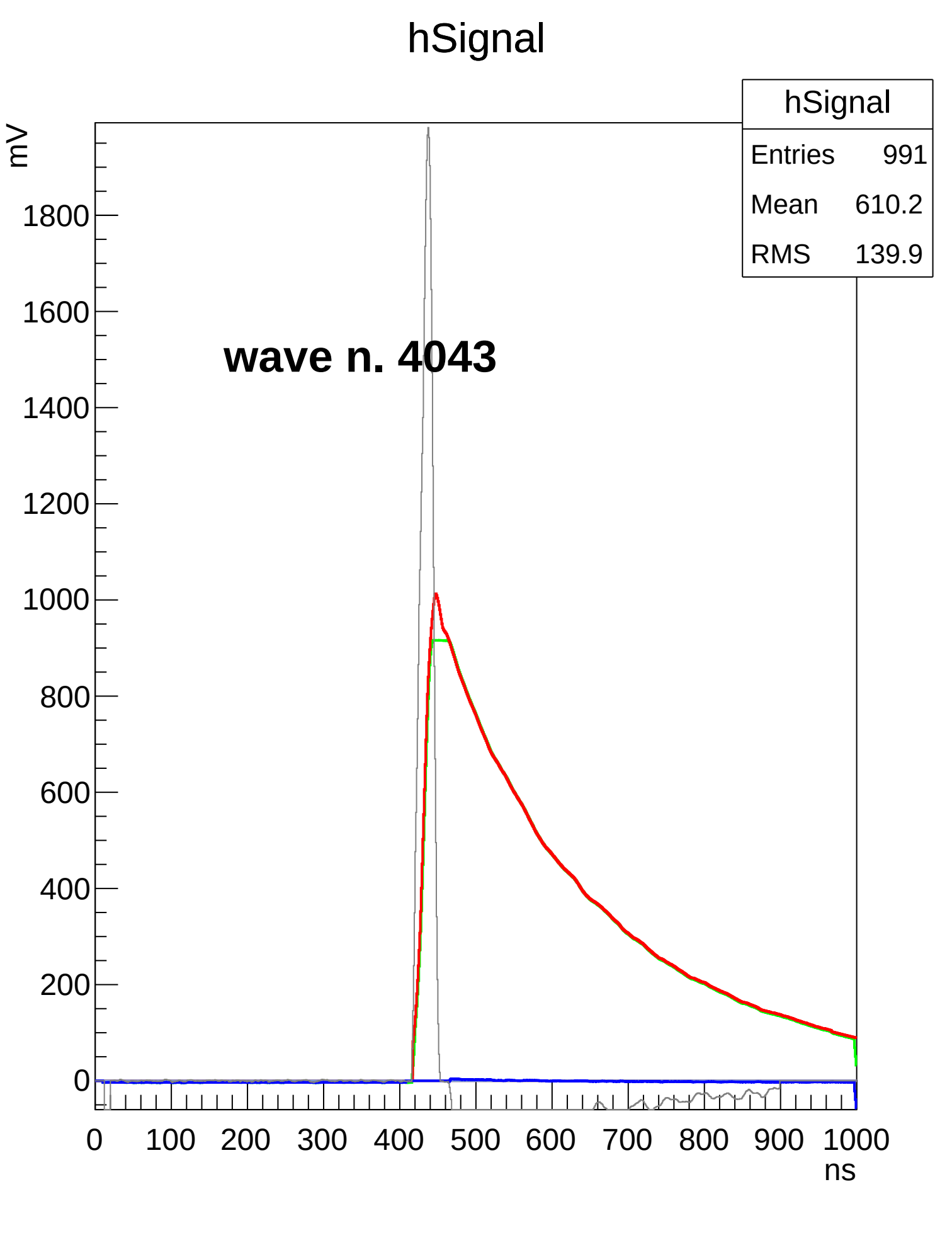
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 610.2
RMS 139.9
wave n. 4043
mV
1800
1600
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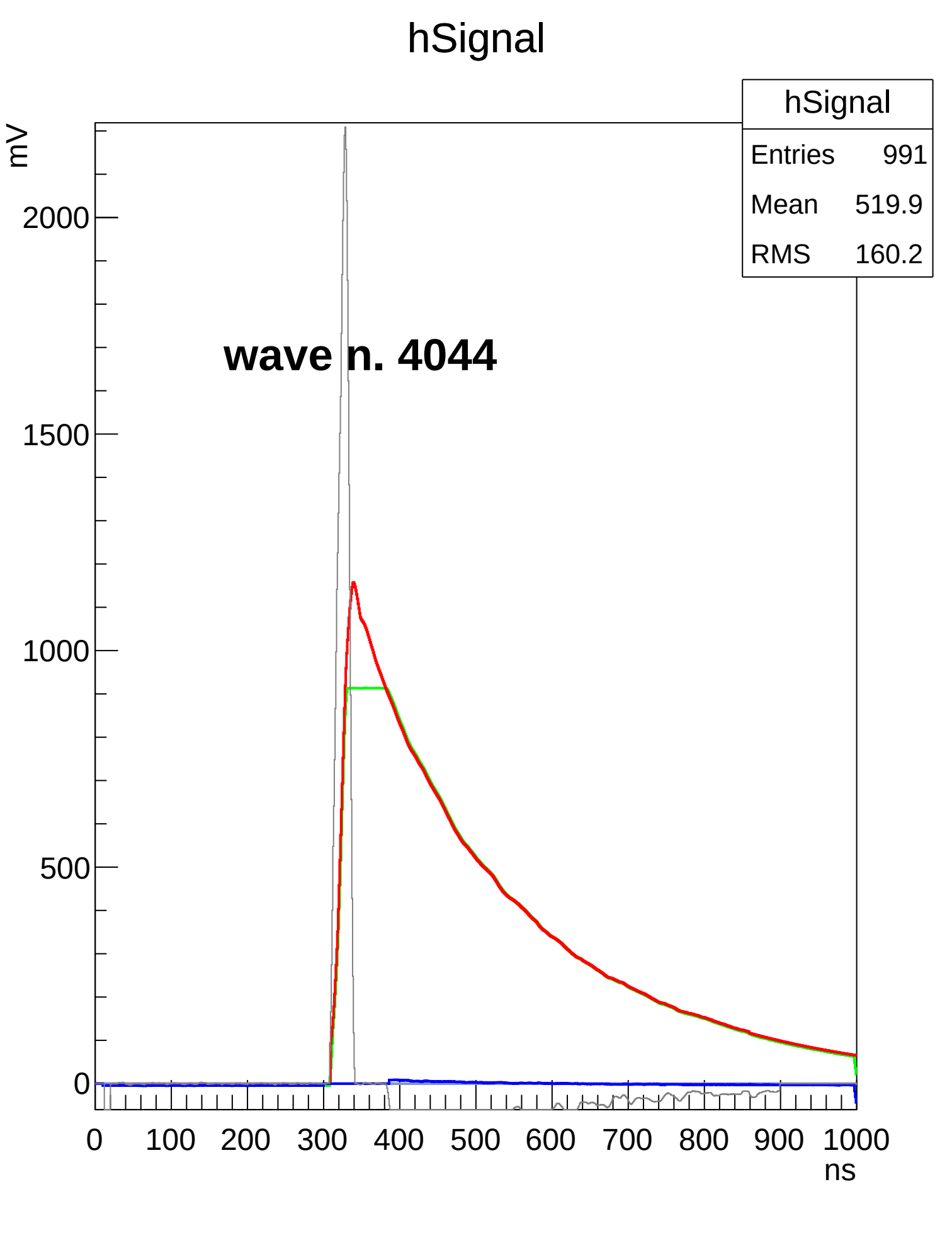
1000
ns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hSignal
Entries 991
Mean 519.9
RMS 160.2
wave n. 4044
mV
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0
100
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400
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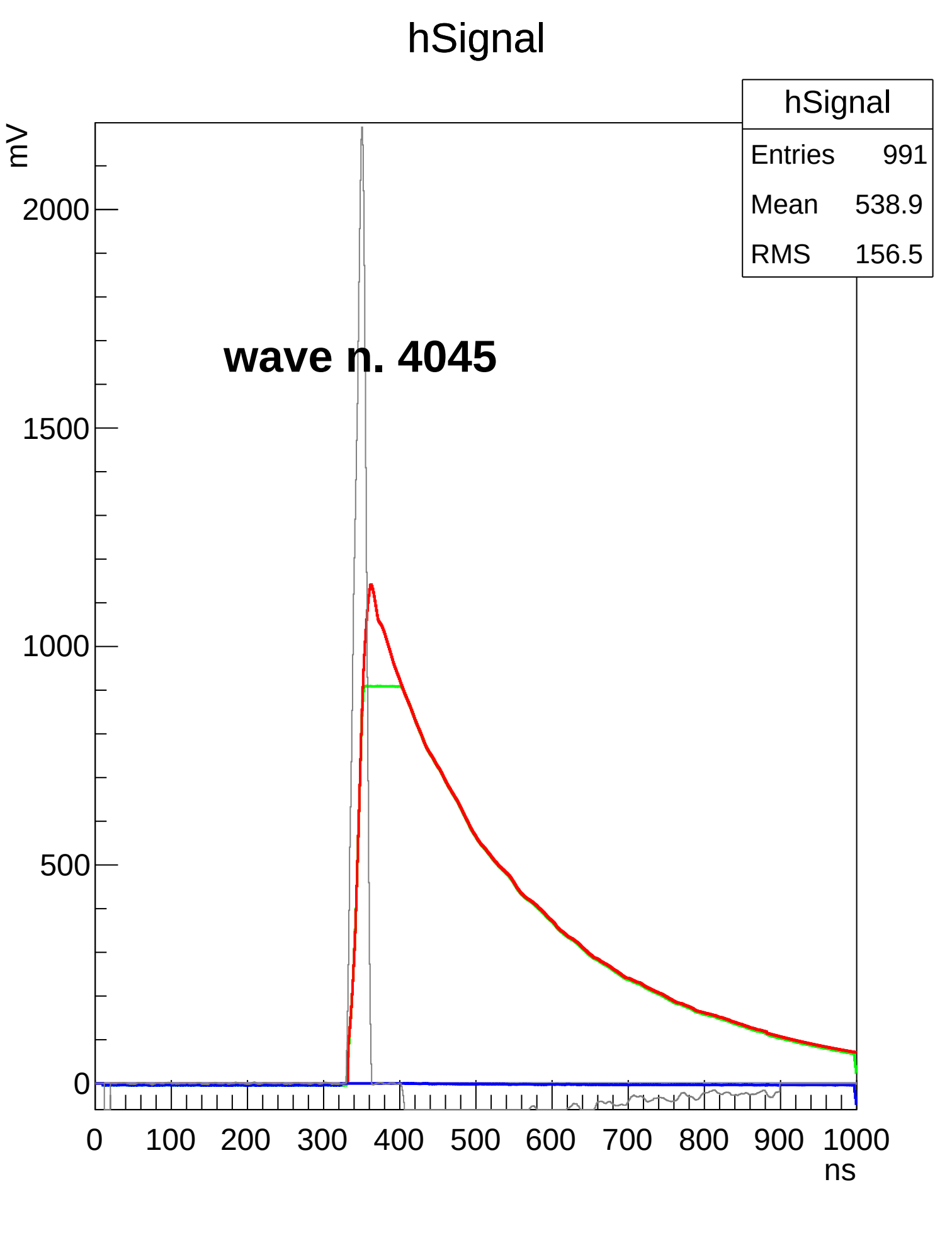
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 538.9
RMS 156.5
wave n. 4045
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800
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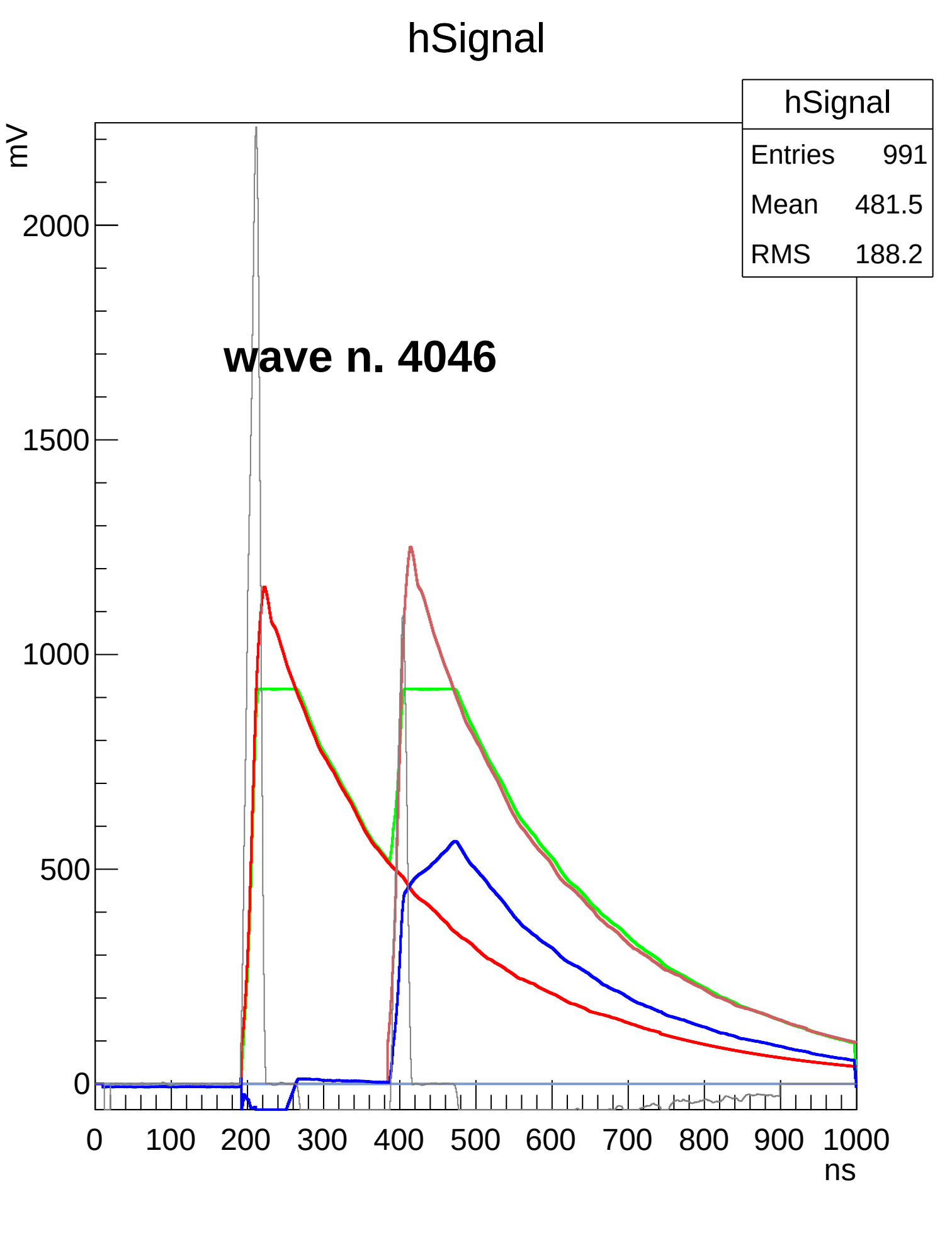
1000
ns


hSignal
hSignal
Entries 991
Mean 481.5
RMS 188.2
wave n. 4046
mV
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0
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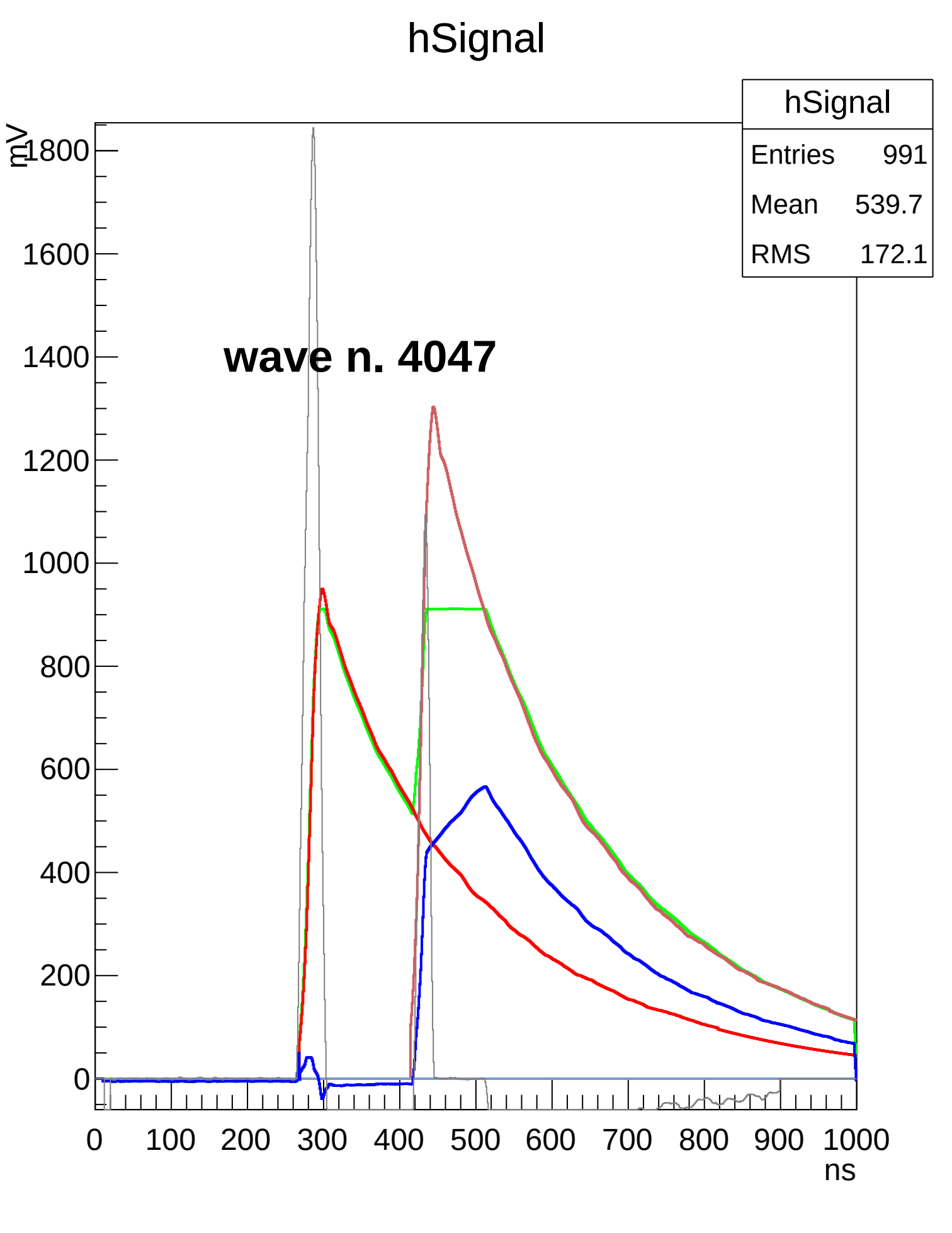
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.7
RMS 172.1
wave n. 4047
mV
1800
1600
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200
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400
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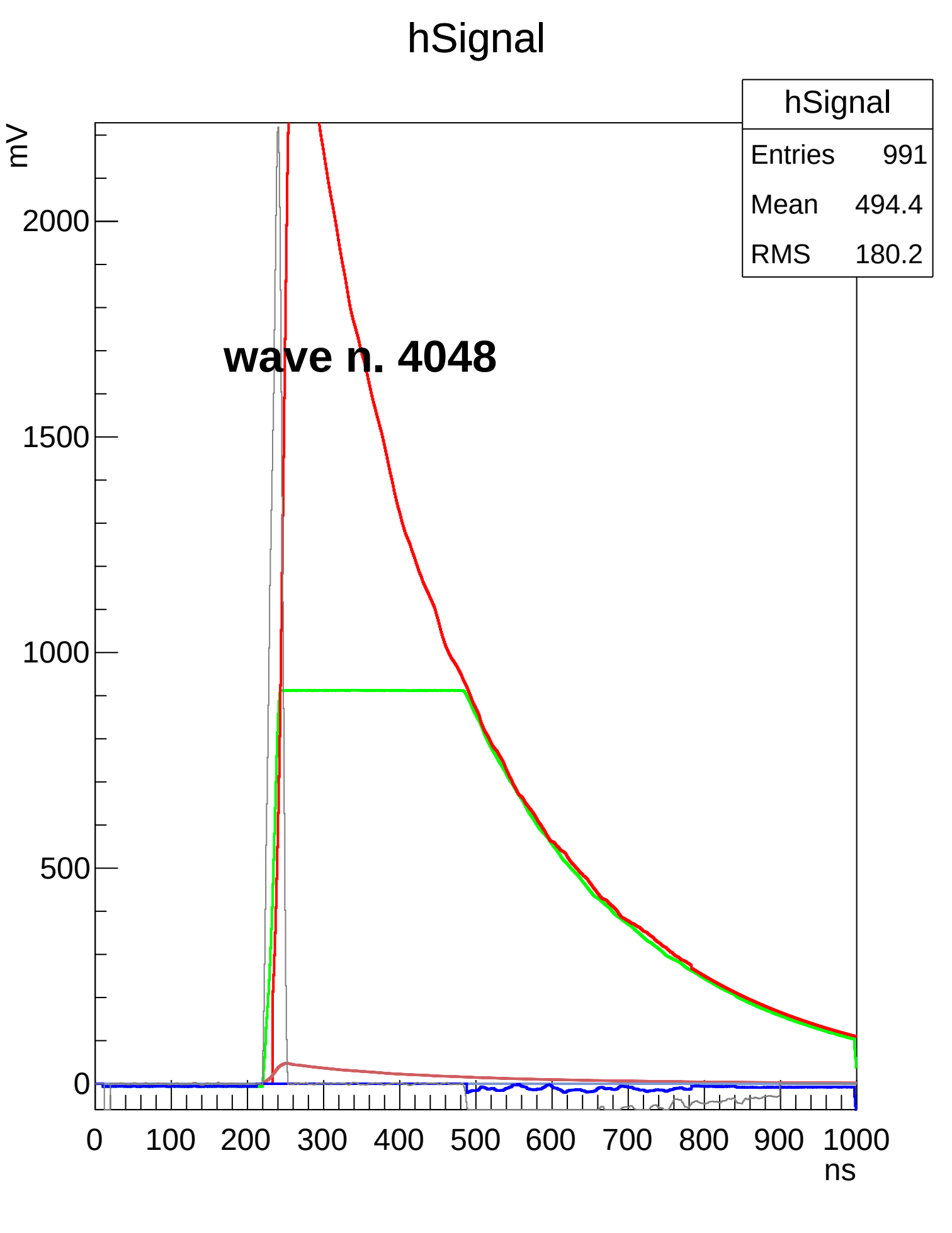
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 494.4
RMS 180.2
wave n. 4048
mV
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1500
1000
500
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0
100
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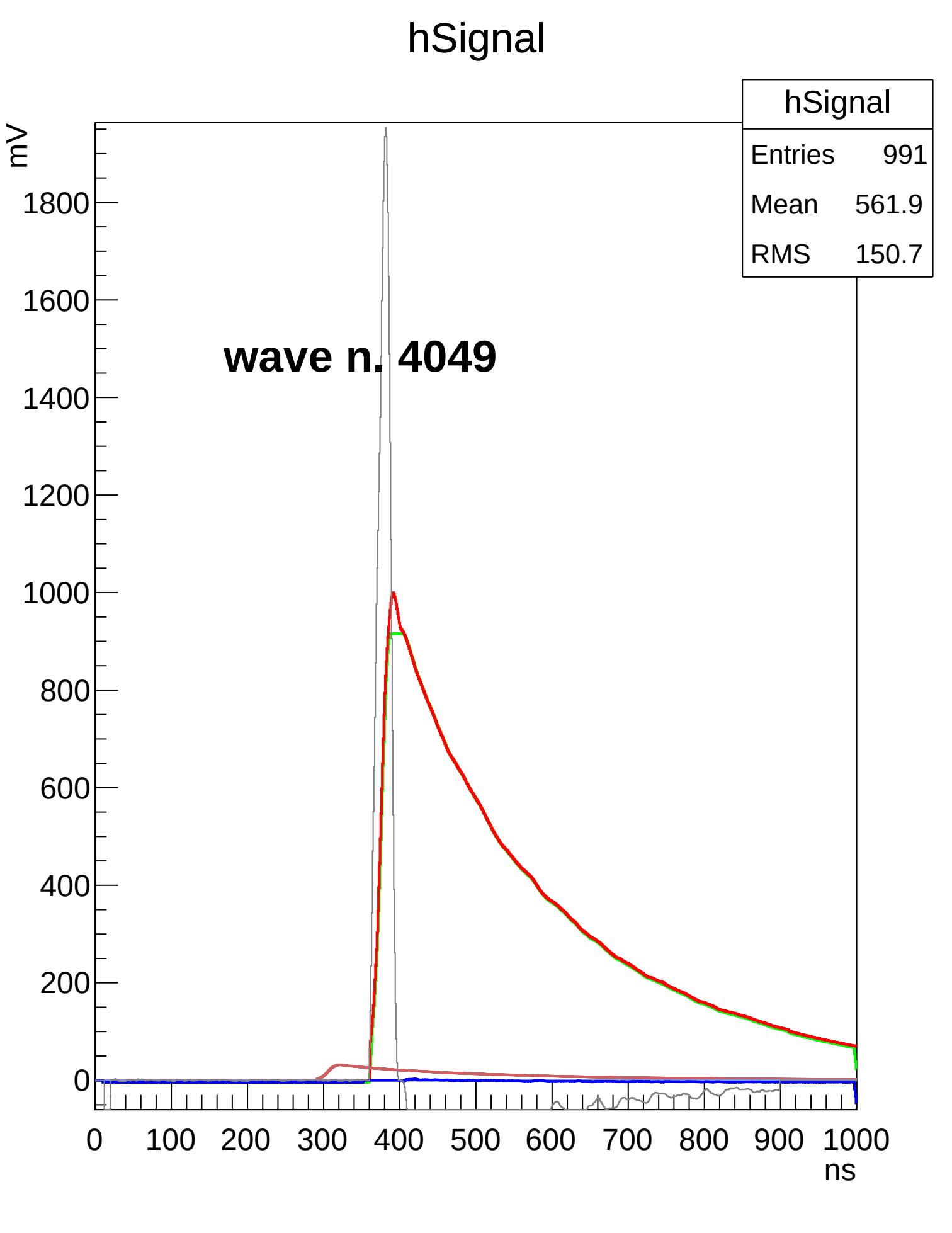
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.9
RMS 150.7
wave n. 4049
mV
1800
1600
1400
1200
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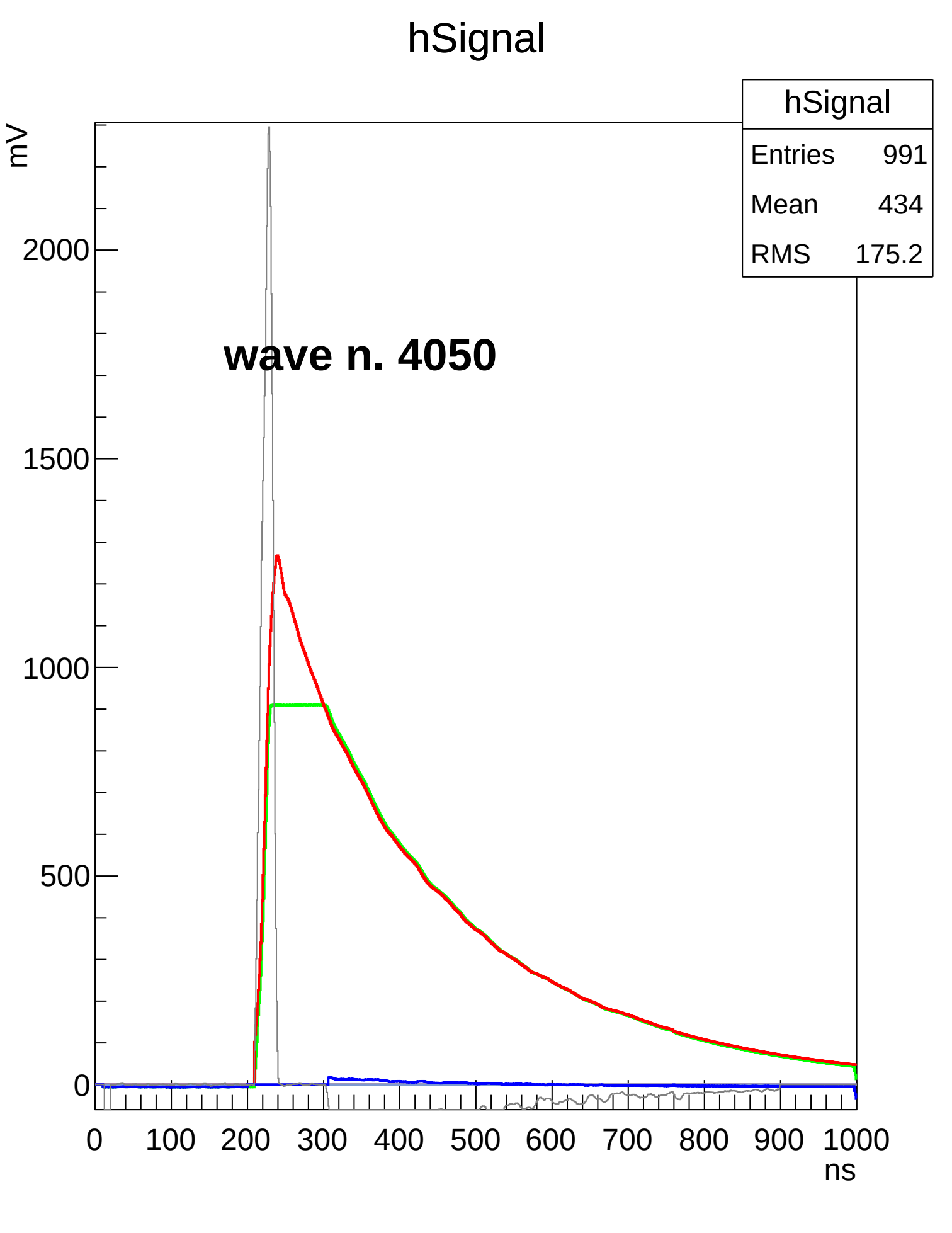
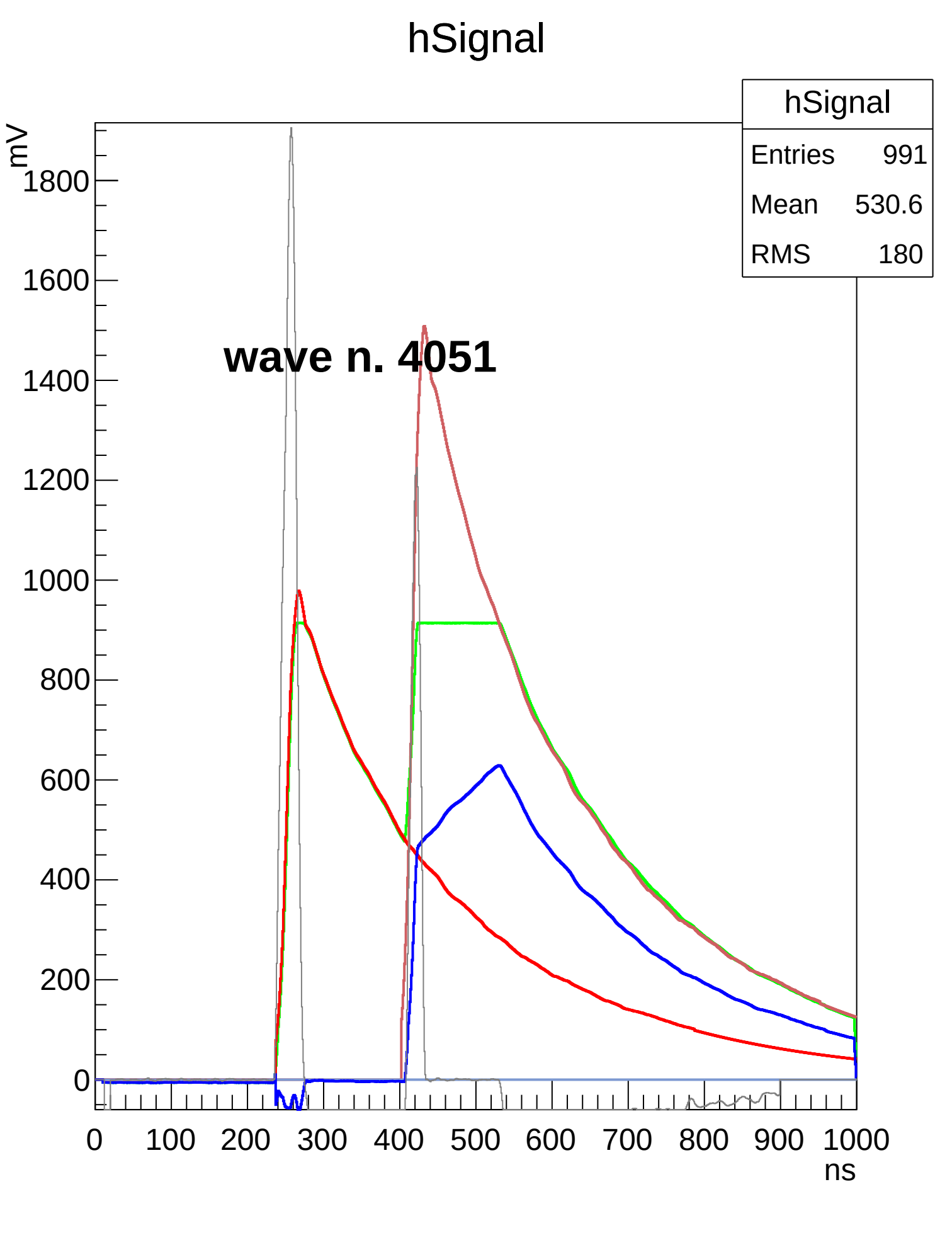
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 434
RMS 175.2
wave n. 4050
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 530.6
RMS 180
wave n. 4051
mV
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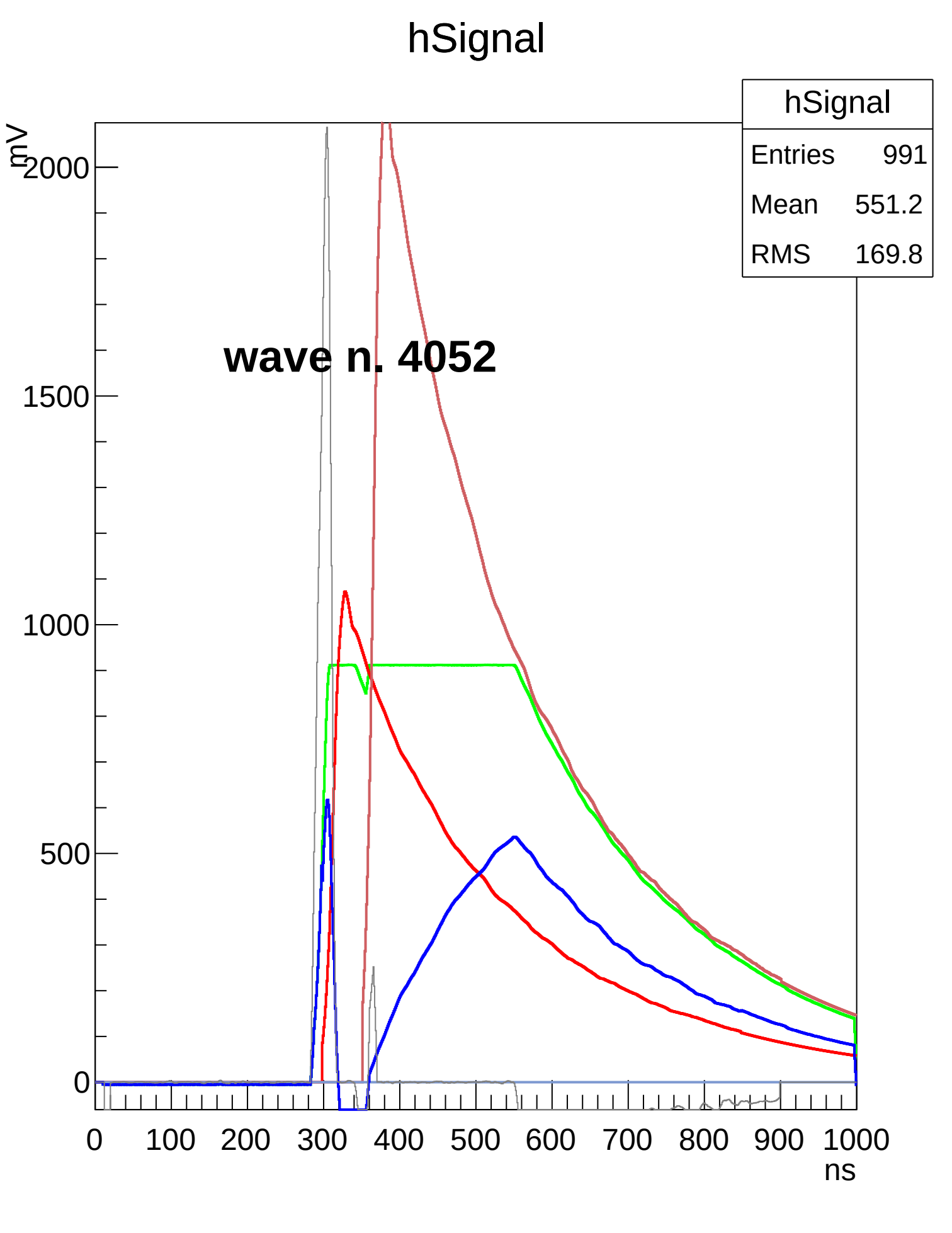
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 551.2
RMS 169.8
wave n. 4052
mV
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1000
500
0
0
100
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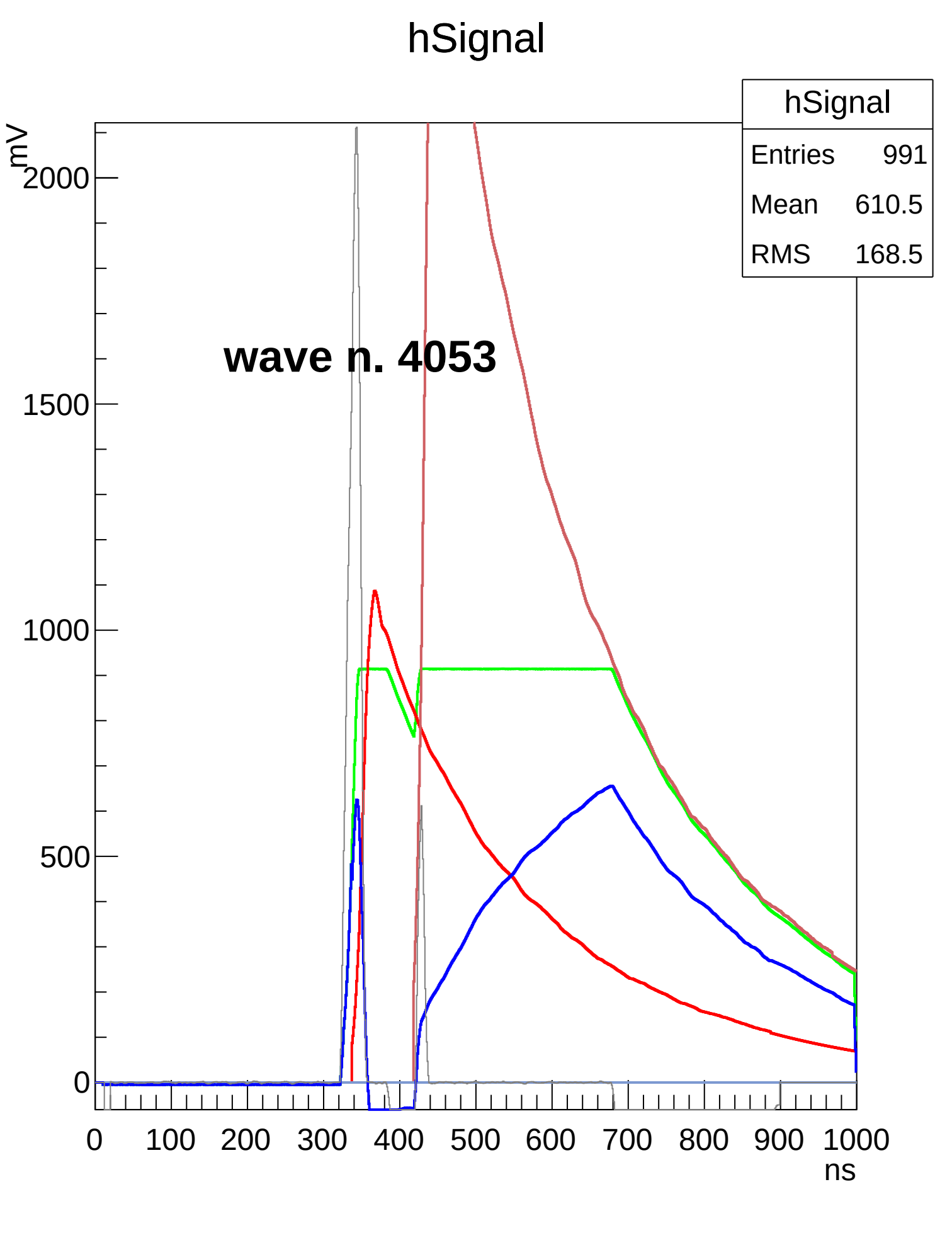
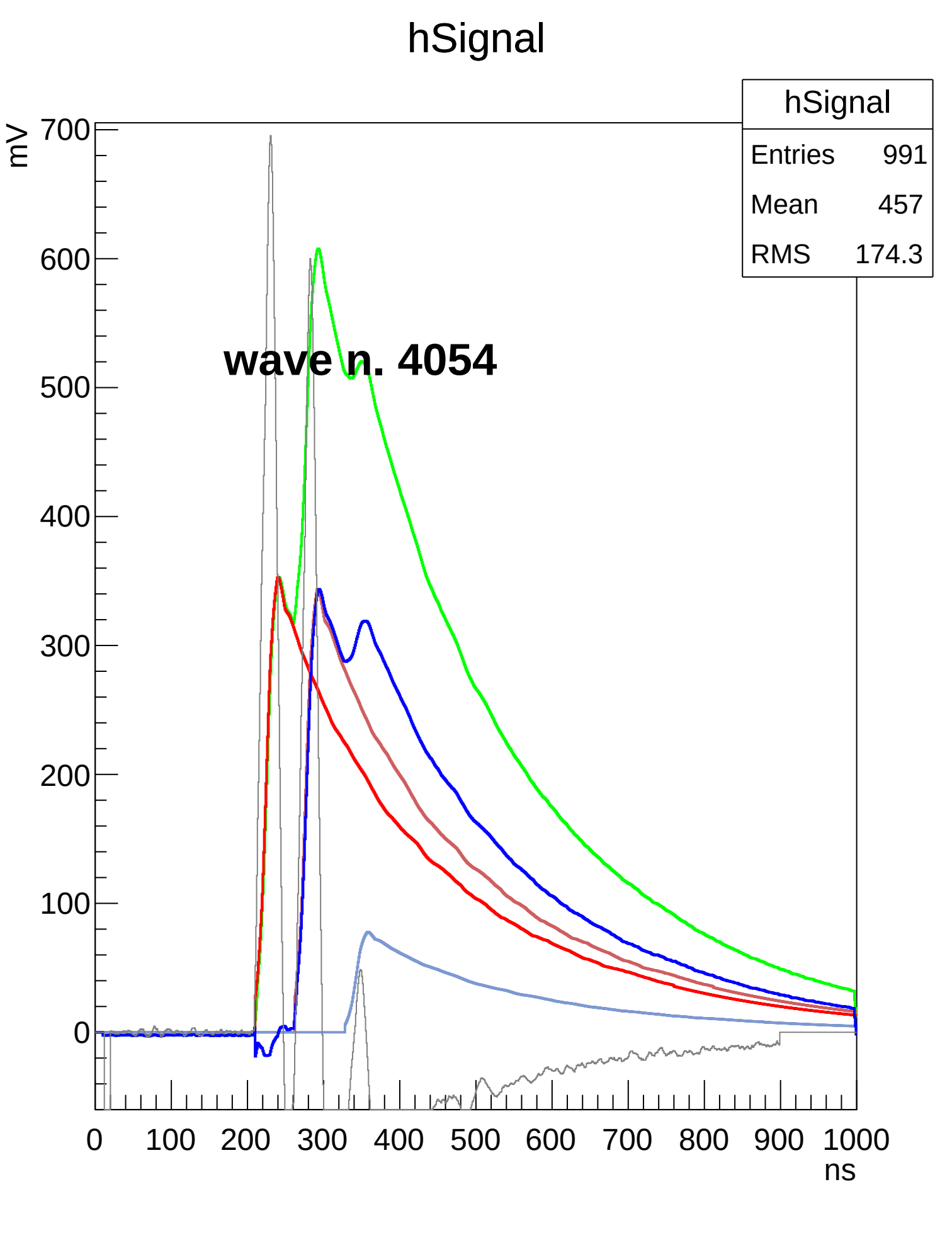
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 610.5
RMS 168.5
wave n. 4053
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 457
RMS 174.3
wave n. 4054
mV
700
600
500
400
300
200
100
0
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100
200
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400
500
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700
800
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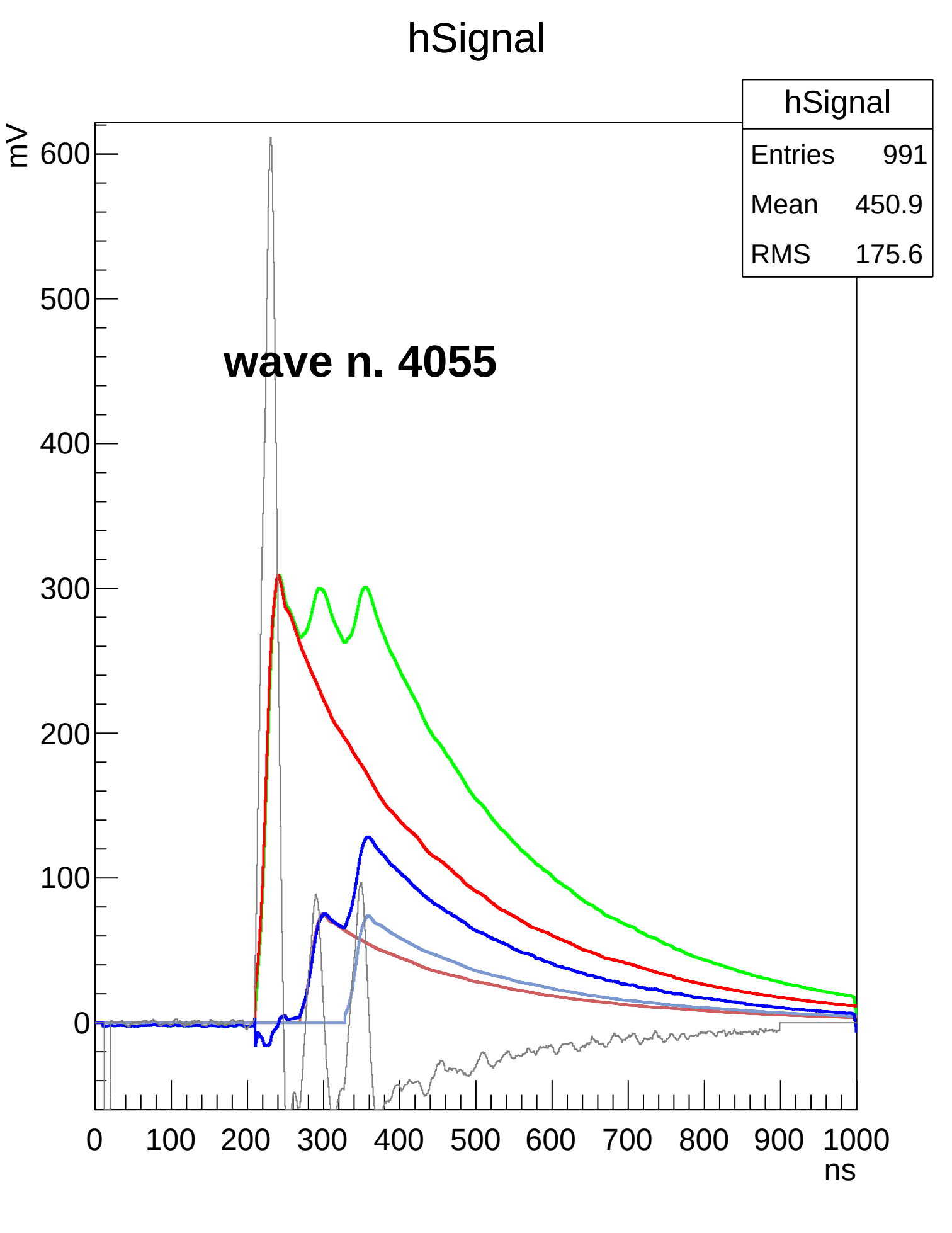
1000
ns


hSignal
hSignal
Entries 991
Mean 450.9
RMS 175.6
wave n. 4055
mV
600
500
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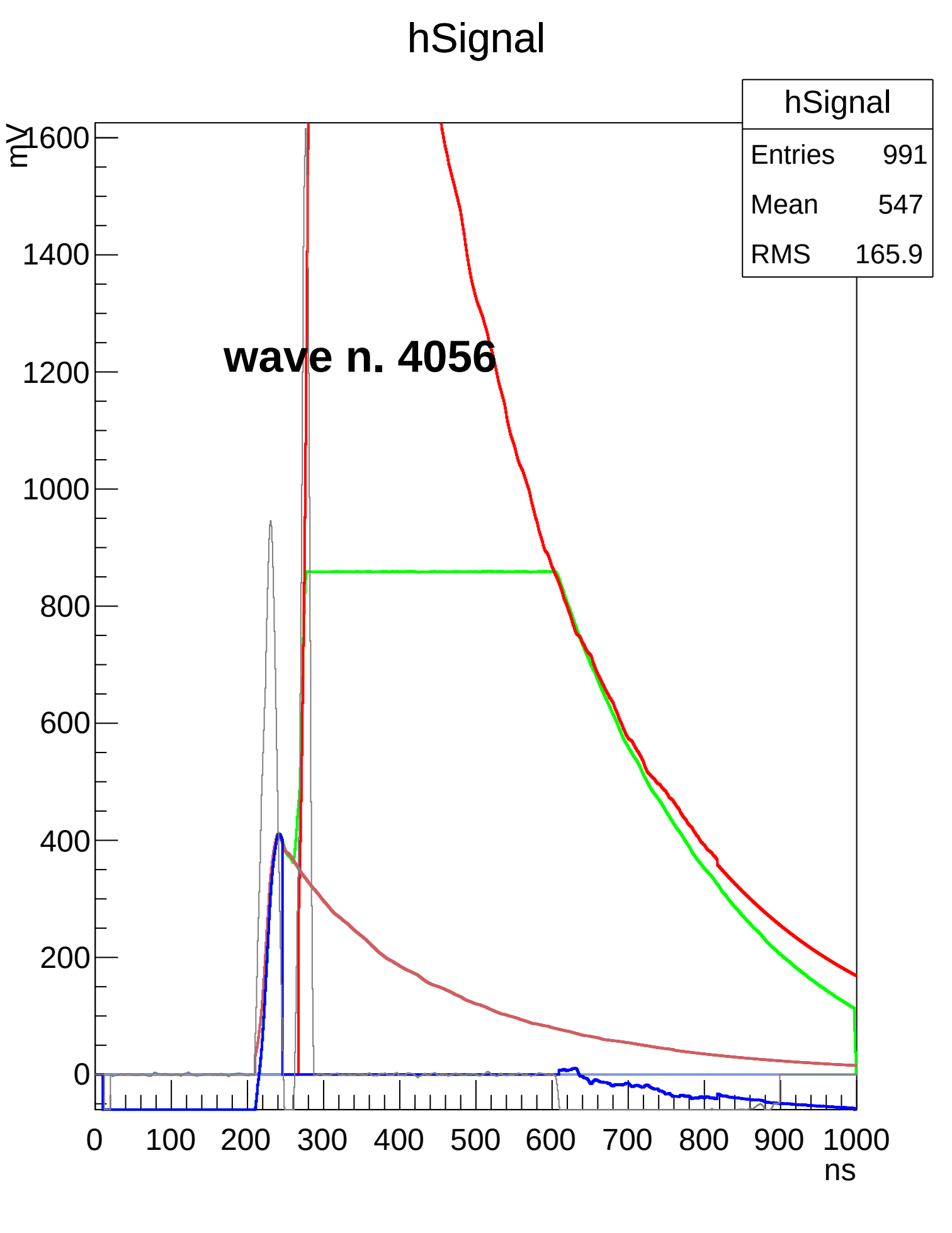
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns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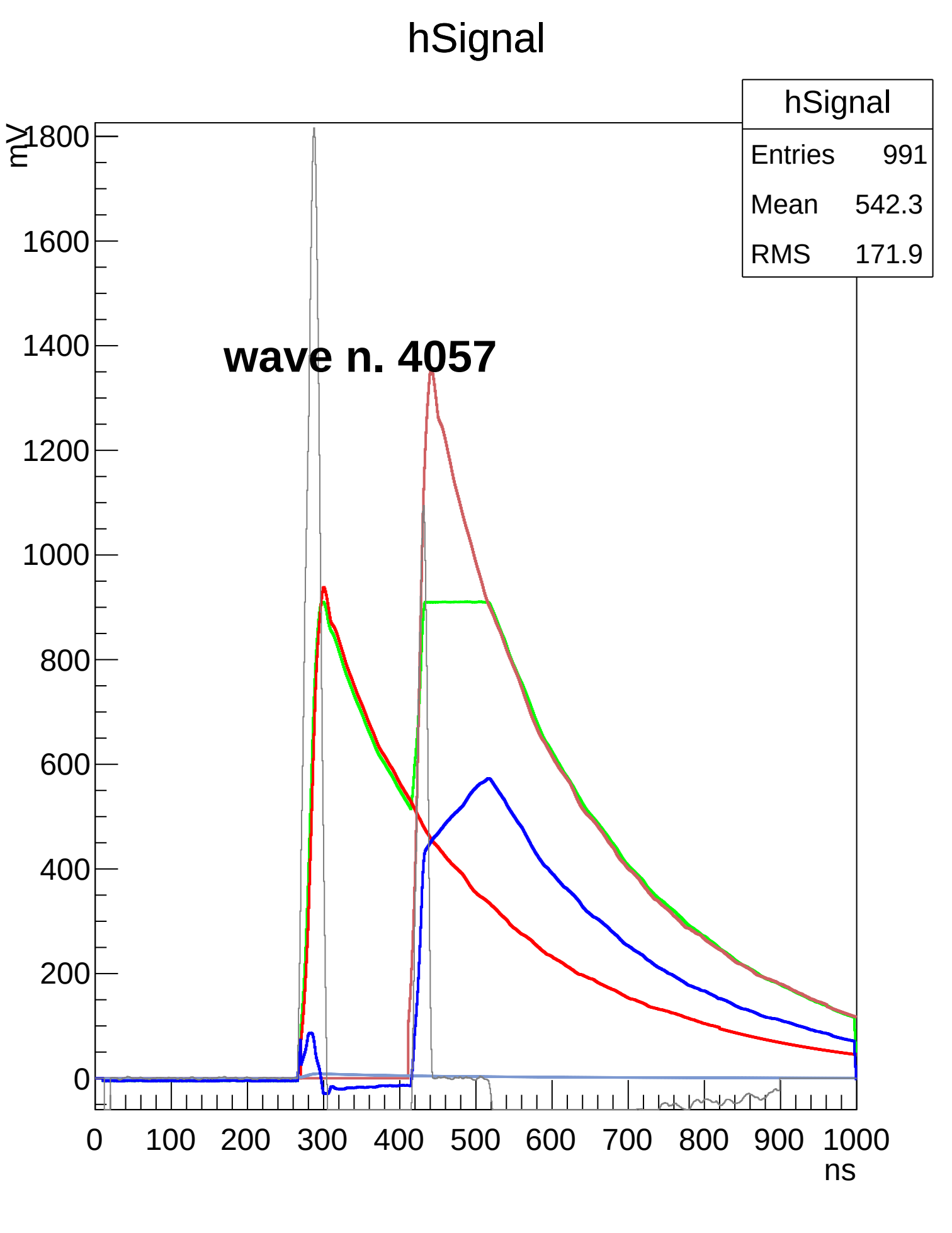
hSignal
Entries 991
Mean 547
RMS 165.9
wave n. 4056
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 542.3
RMS 171.9
wave n. 4057
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
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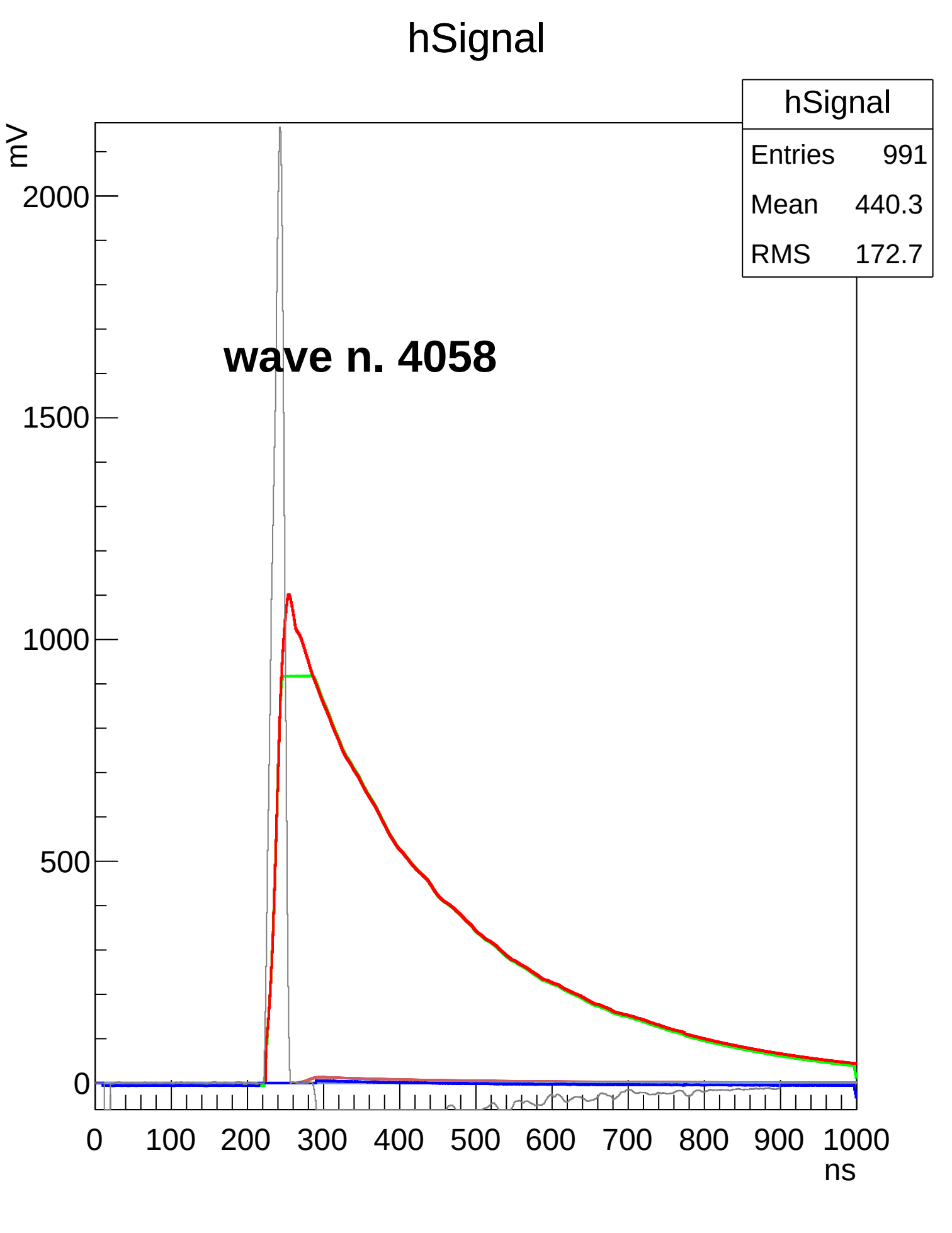
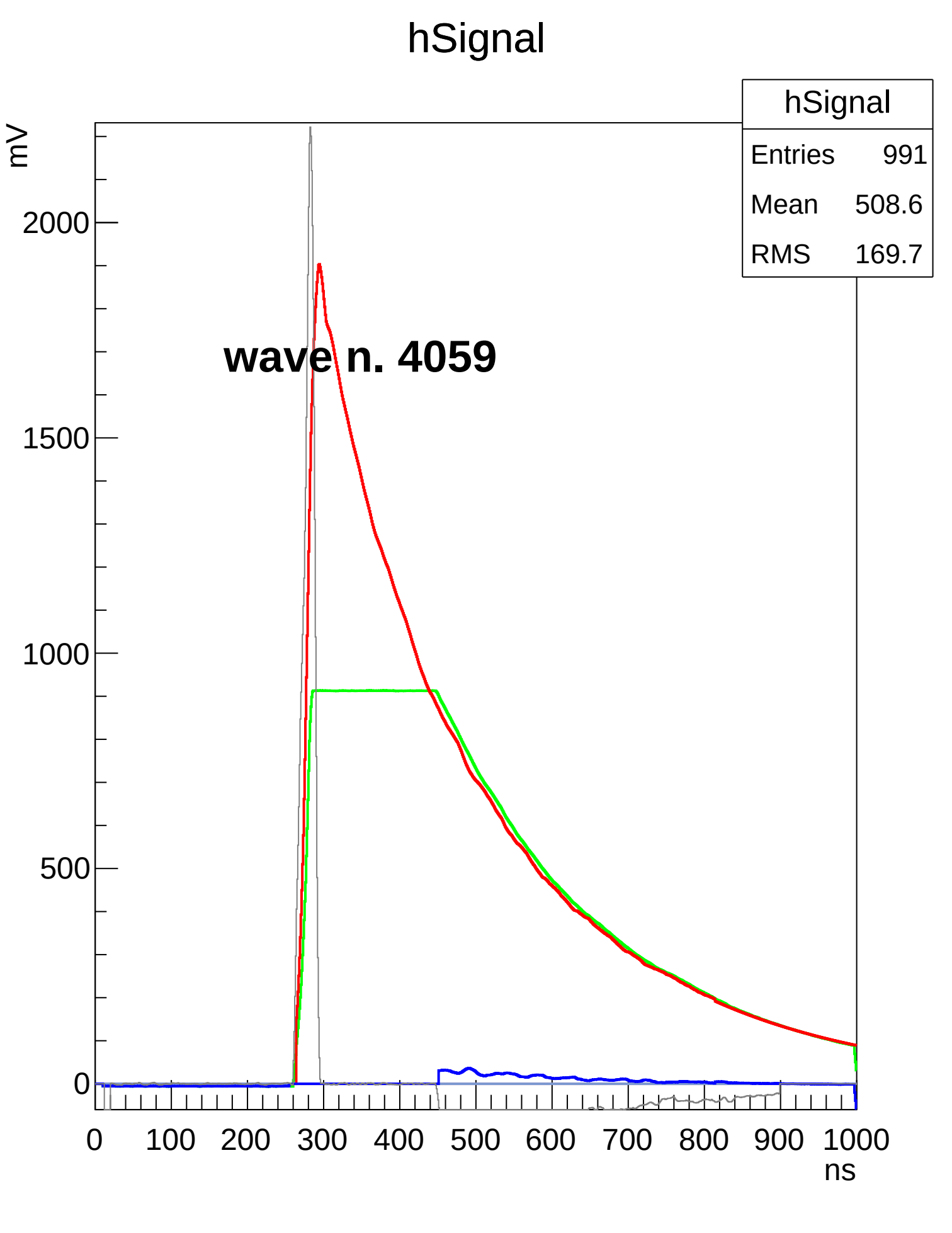
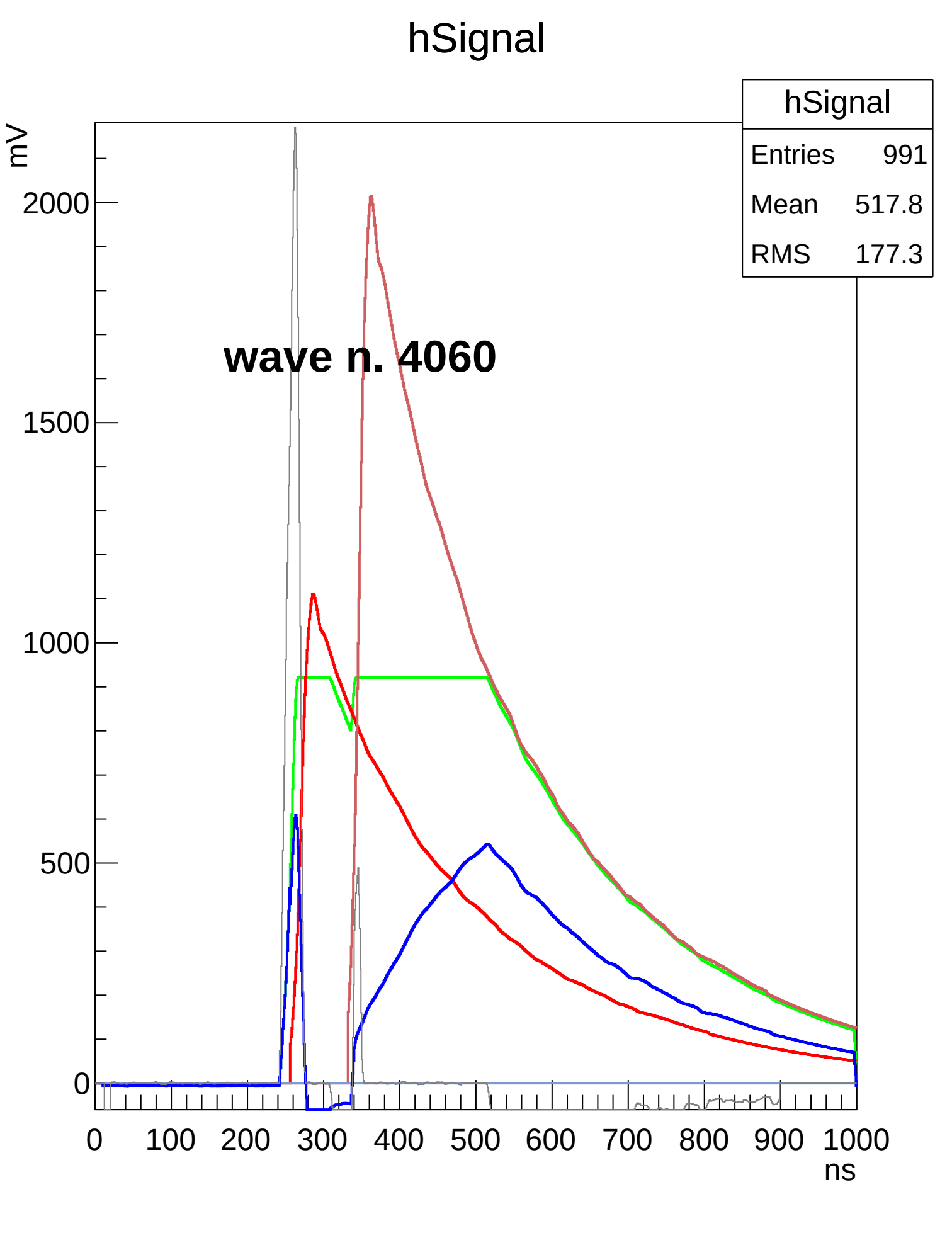
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 440.3
RMS 172.7
wave n. 4058
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 508.6
RMS 169.7
wave n. 4059
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 517.8
RMS 177.3
wave n. 4060
mV
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1500
1000
500
0
0
100
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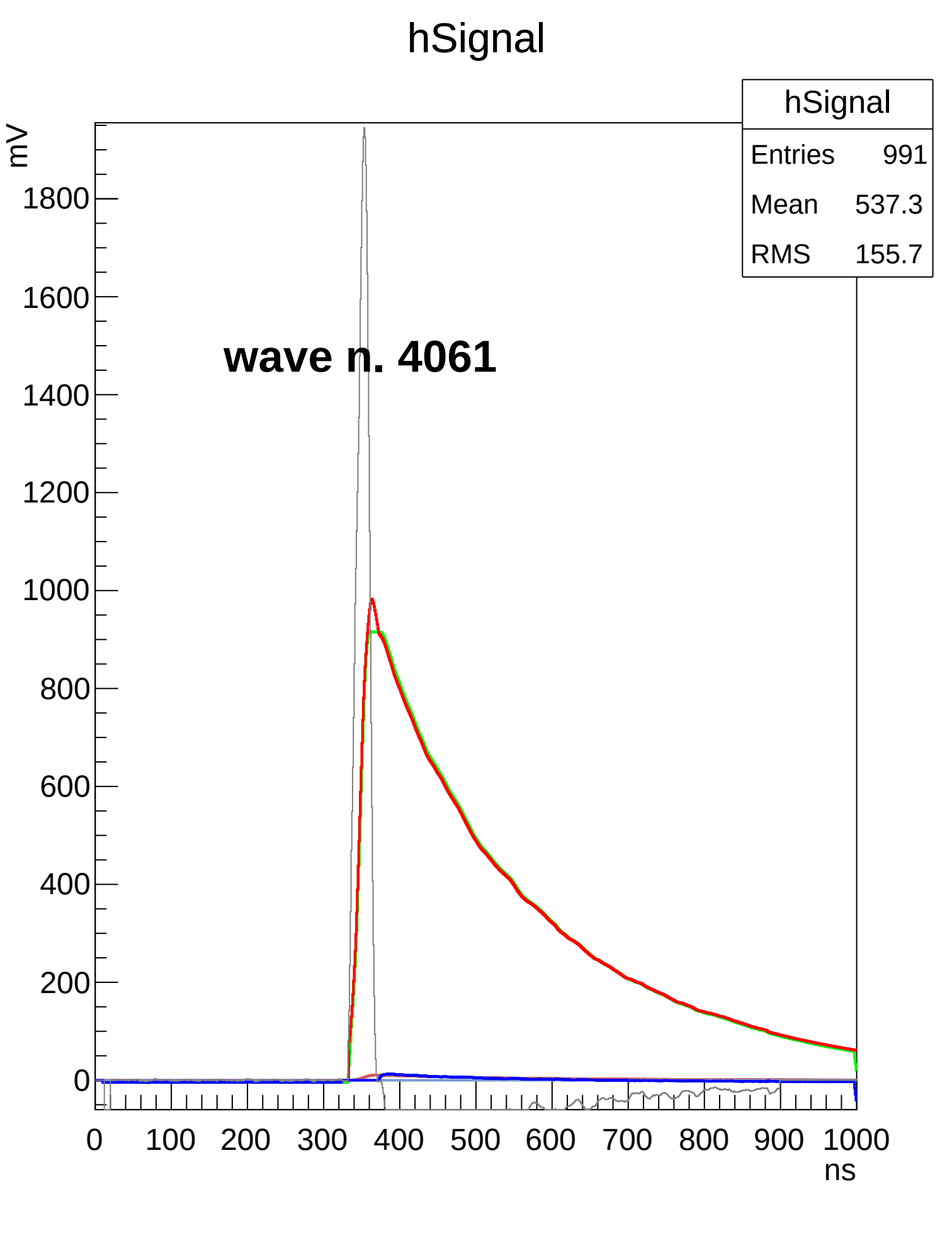
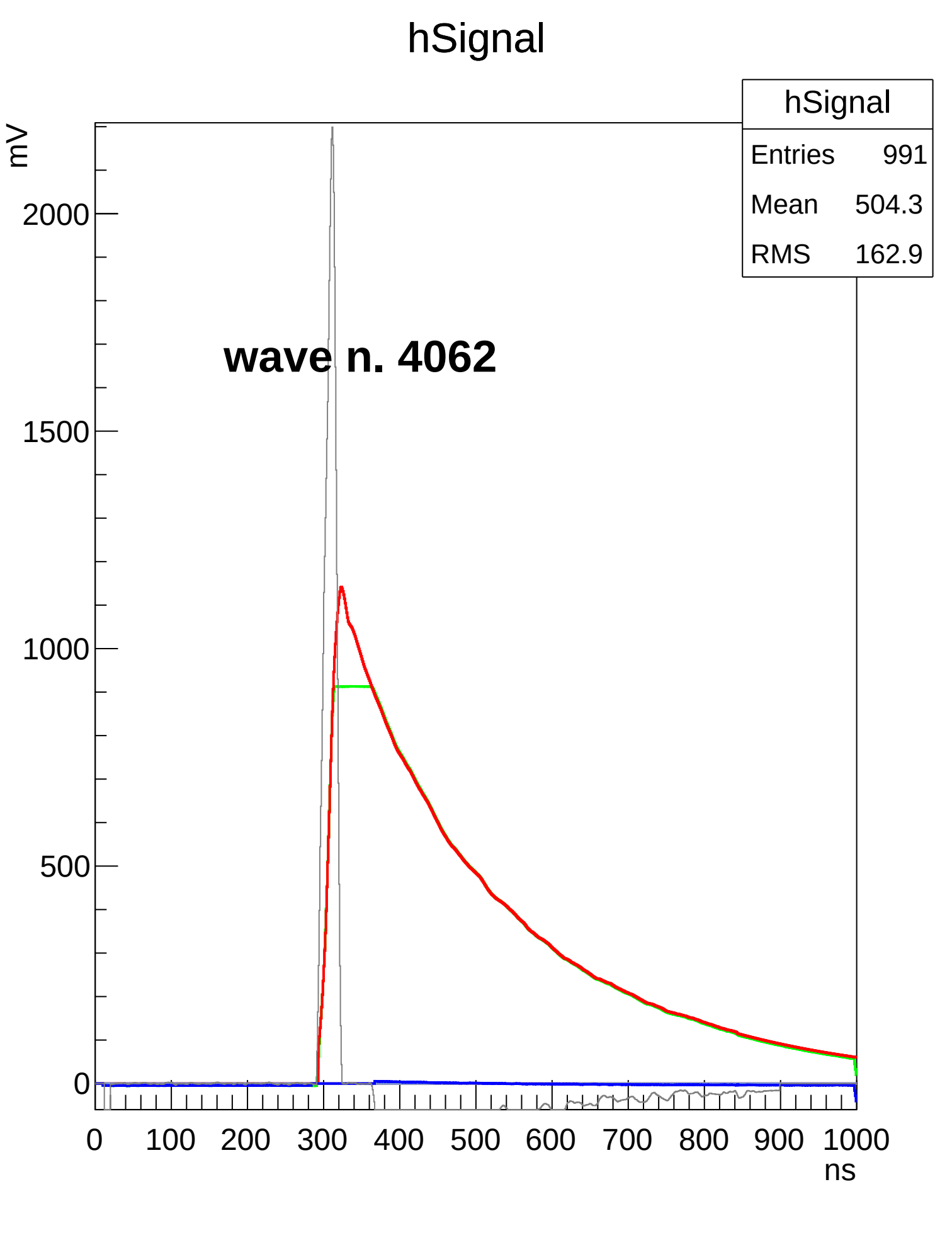
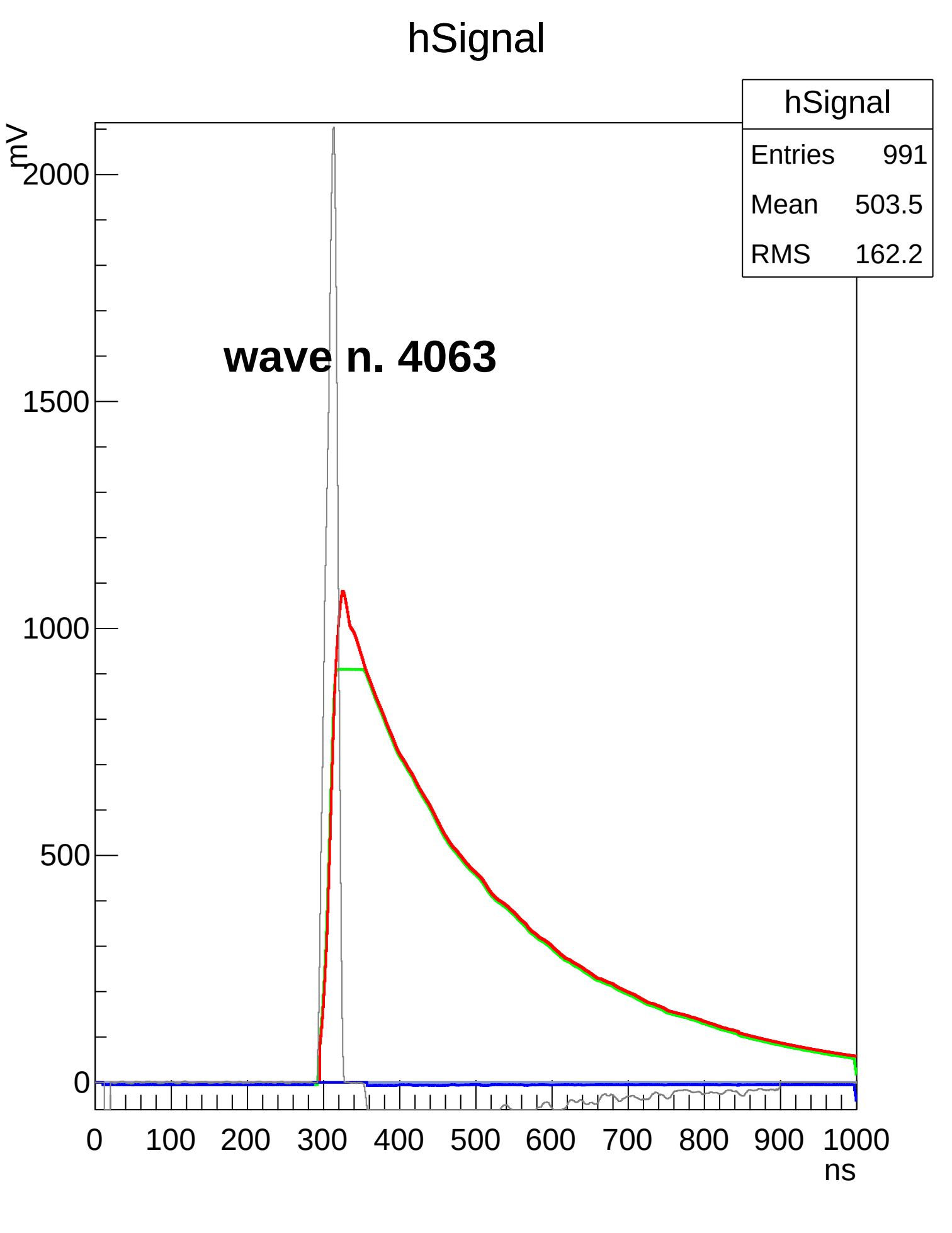
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 537.3
RMS 155.7
wave n. 4061
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.3
RMS 162.9
wave n. 4062
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.5
RMS 162.2
wave n. 4063
mV
2000
1500
1000
500
0
0
100
200
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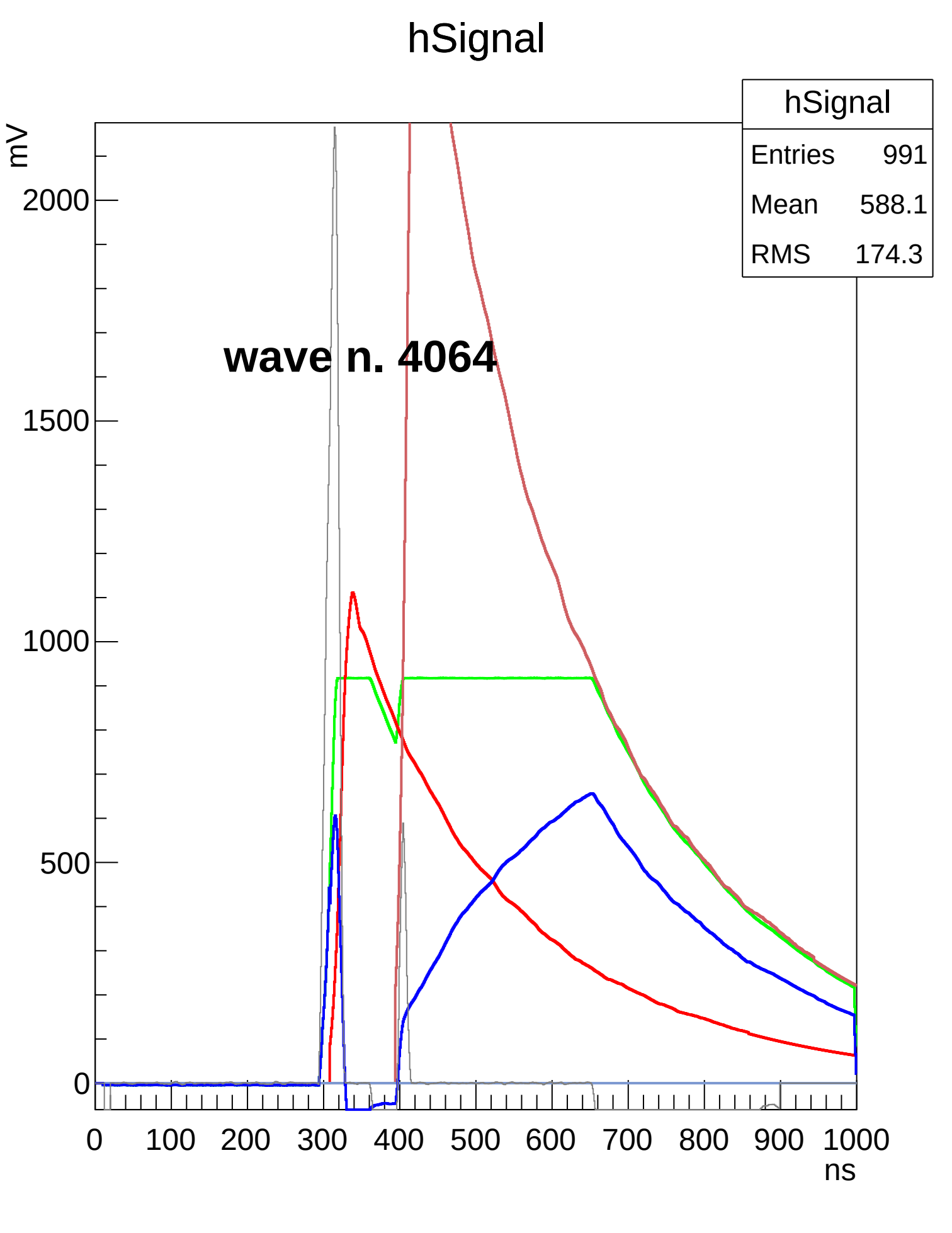
700
800
900
1000
ns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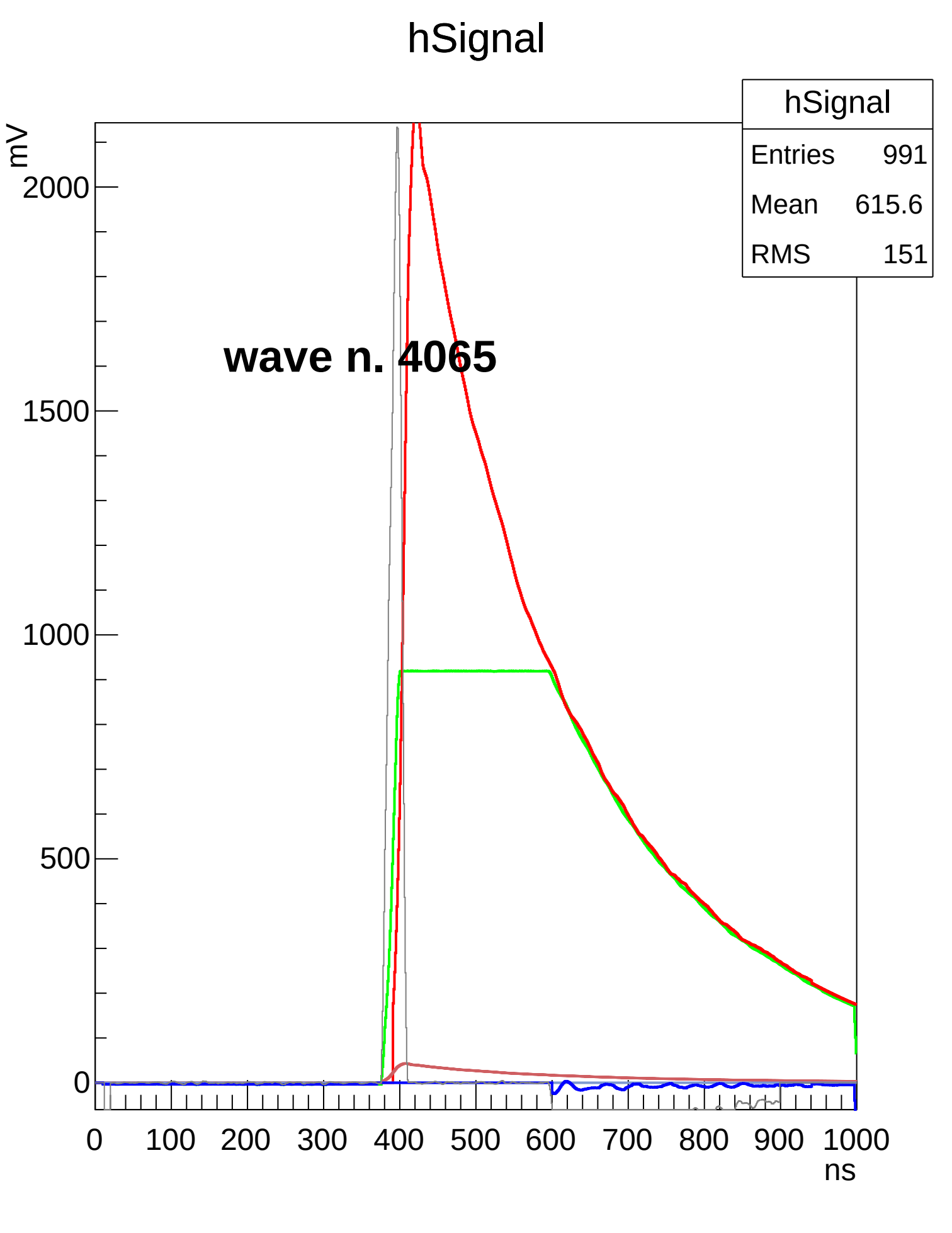
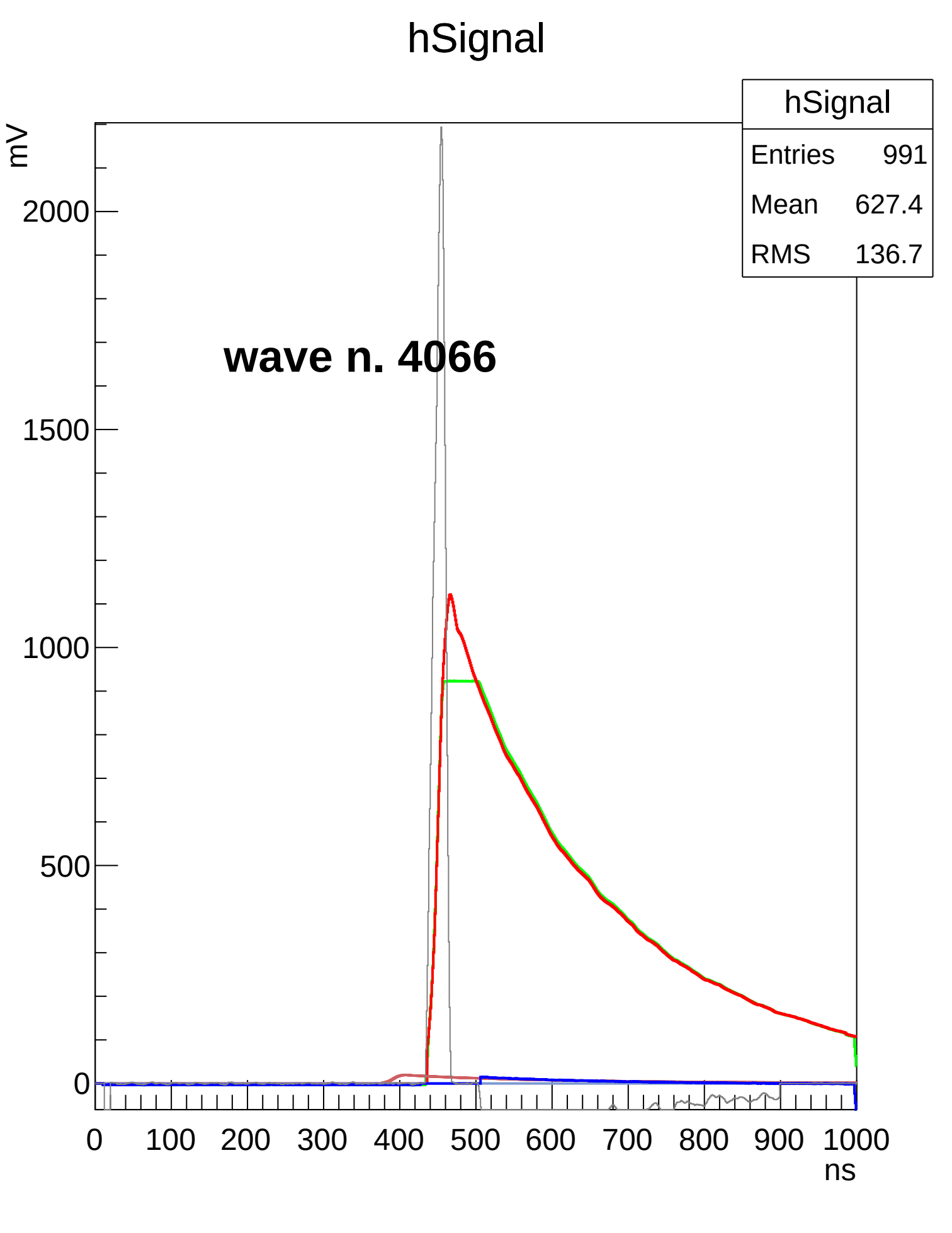
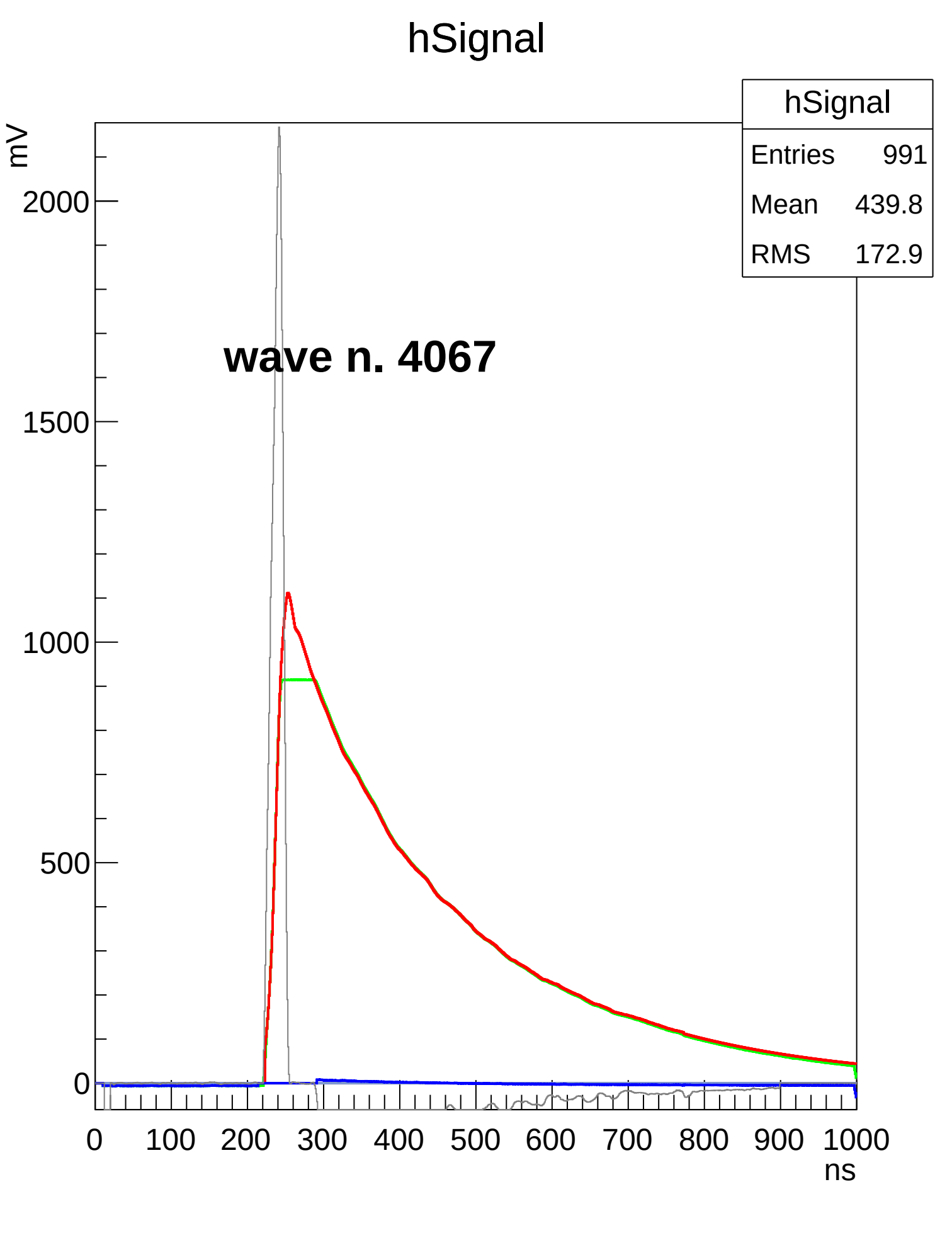
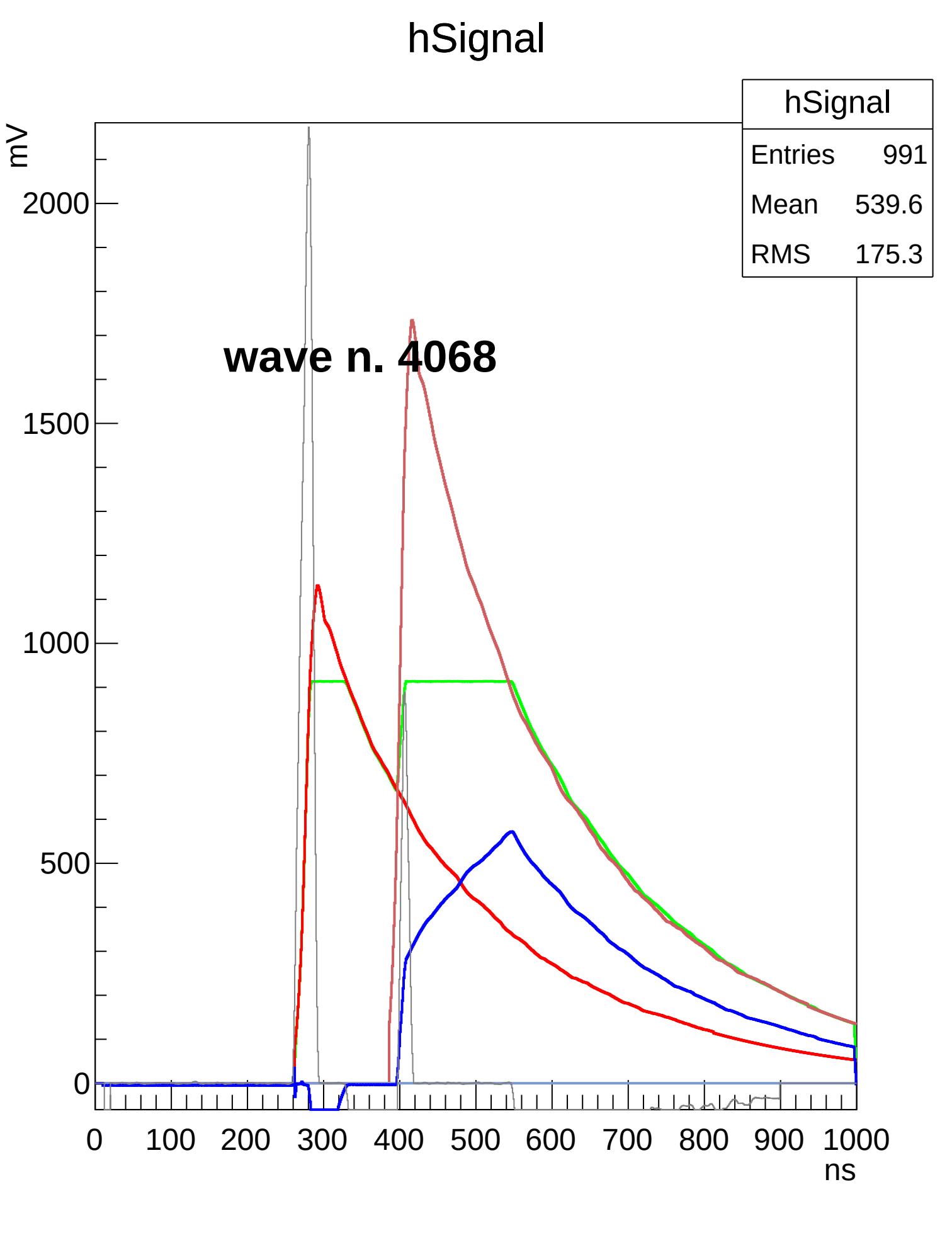
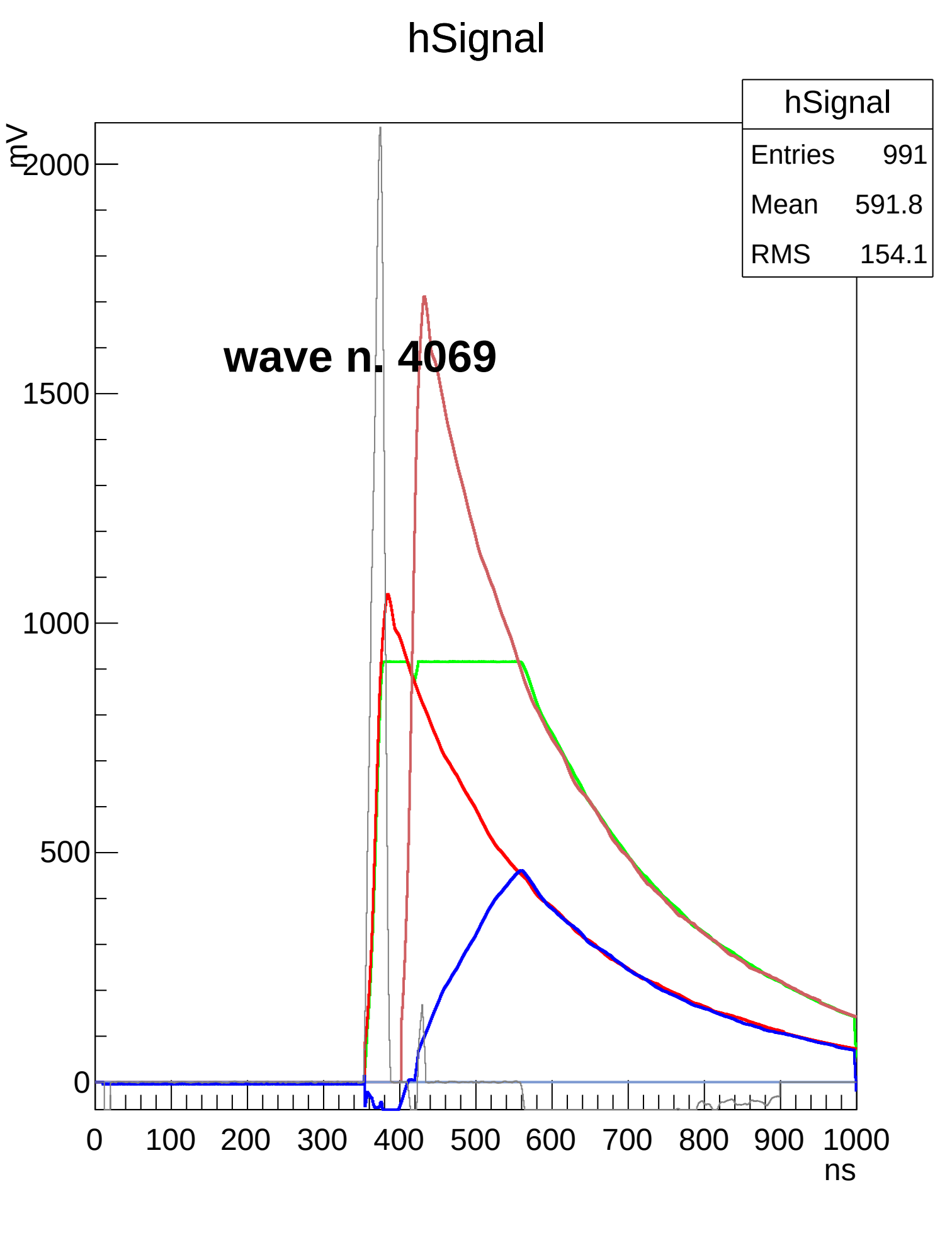
hSignal
Entries 991
Mean 588.1
RMS 174.3
wave n. 4064
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 615.6
RMS 151
wave n. 4065
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 627.4
RMS 136.7
wave n. 4066
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 439.8
RMS 172.9
wave n. 4067
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.6
RMS 175.3
wave n. 4068
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 591.8
RMS 154.1
wave n. 4069
mV
2000
1500
1000
500
0
0
100
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400
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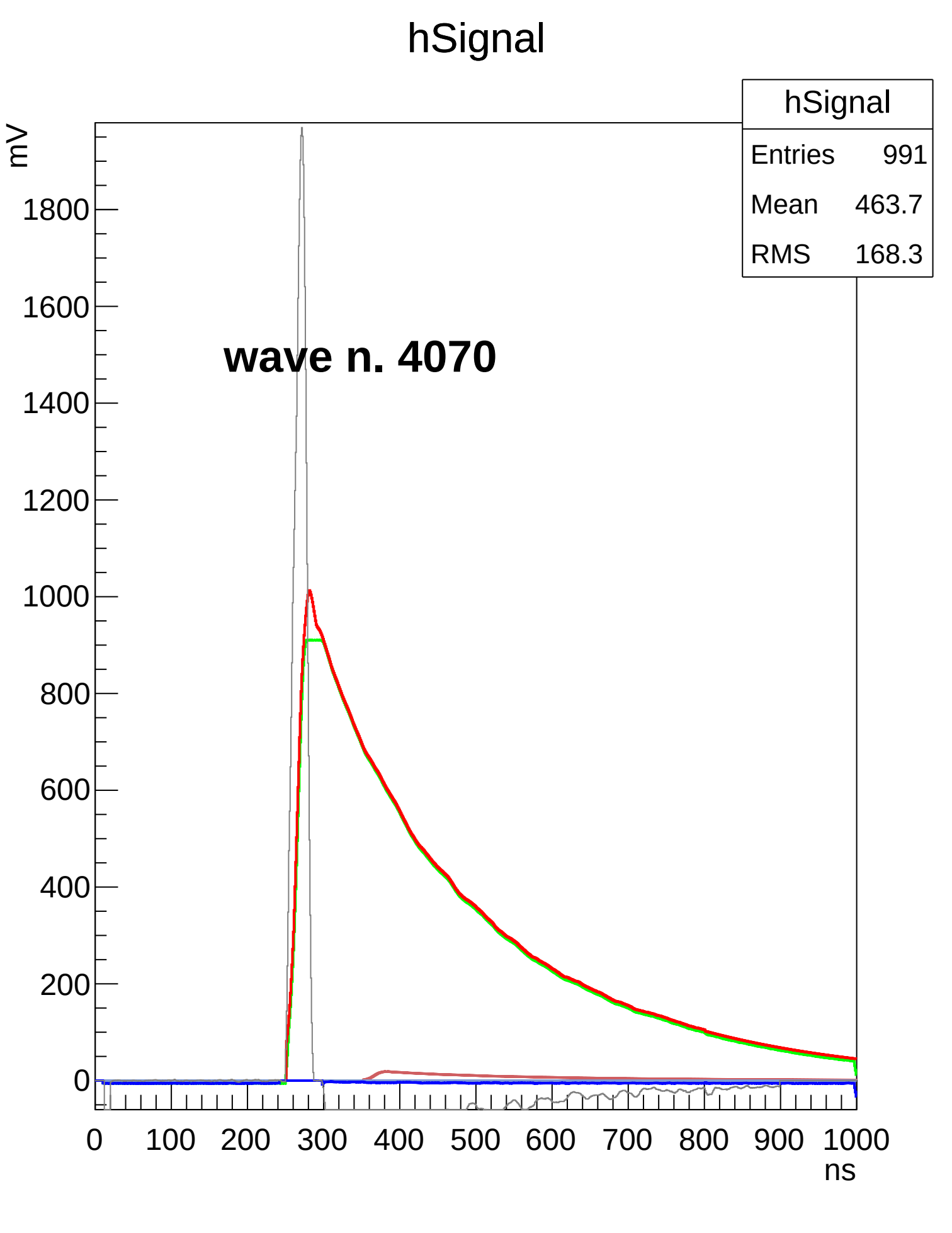
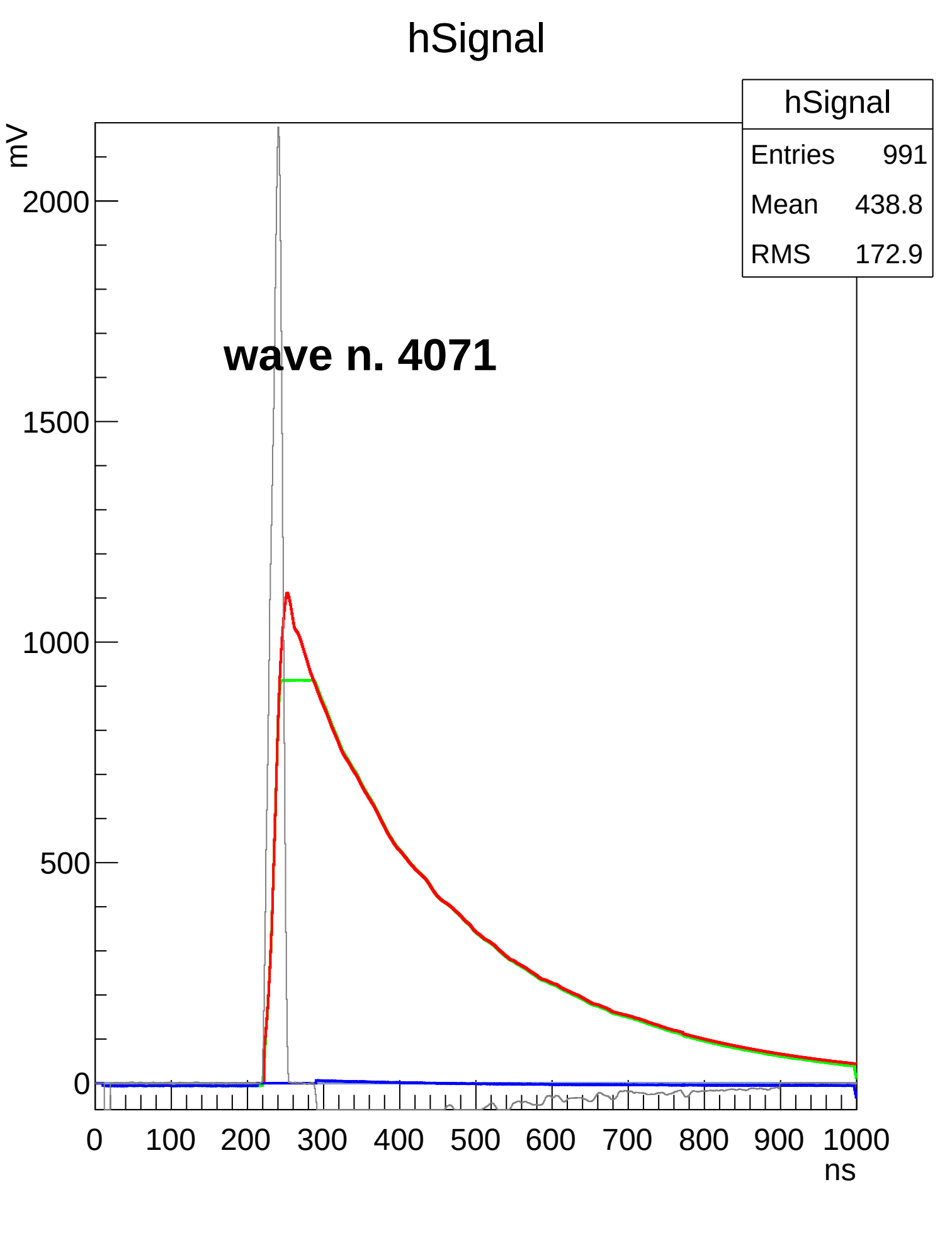
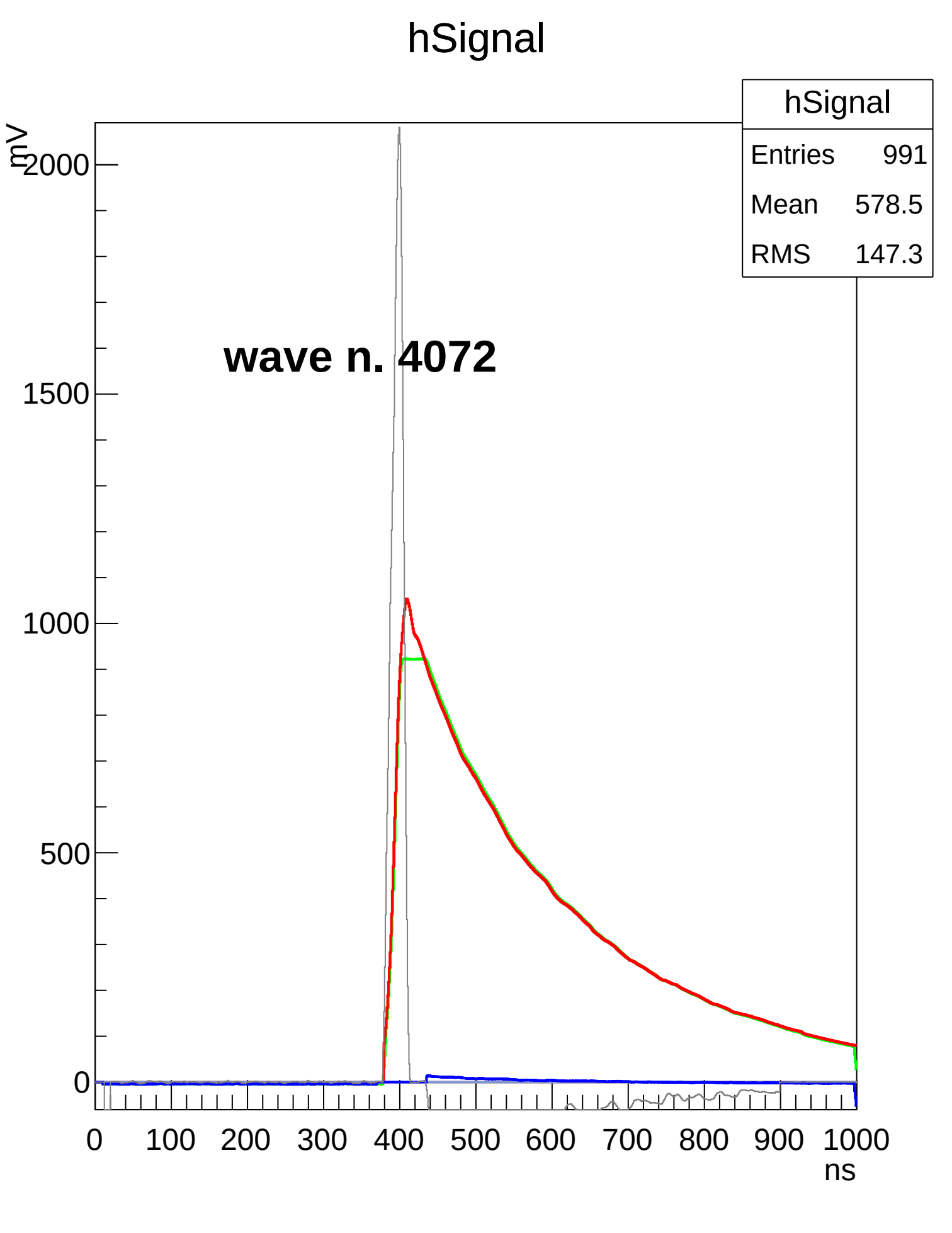
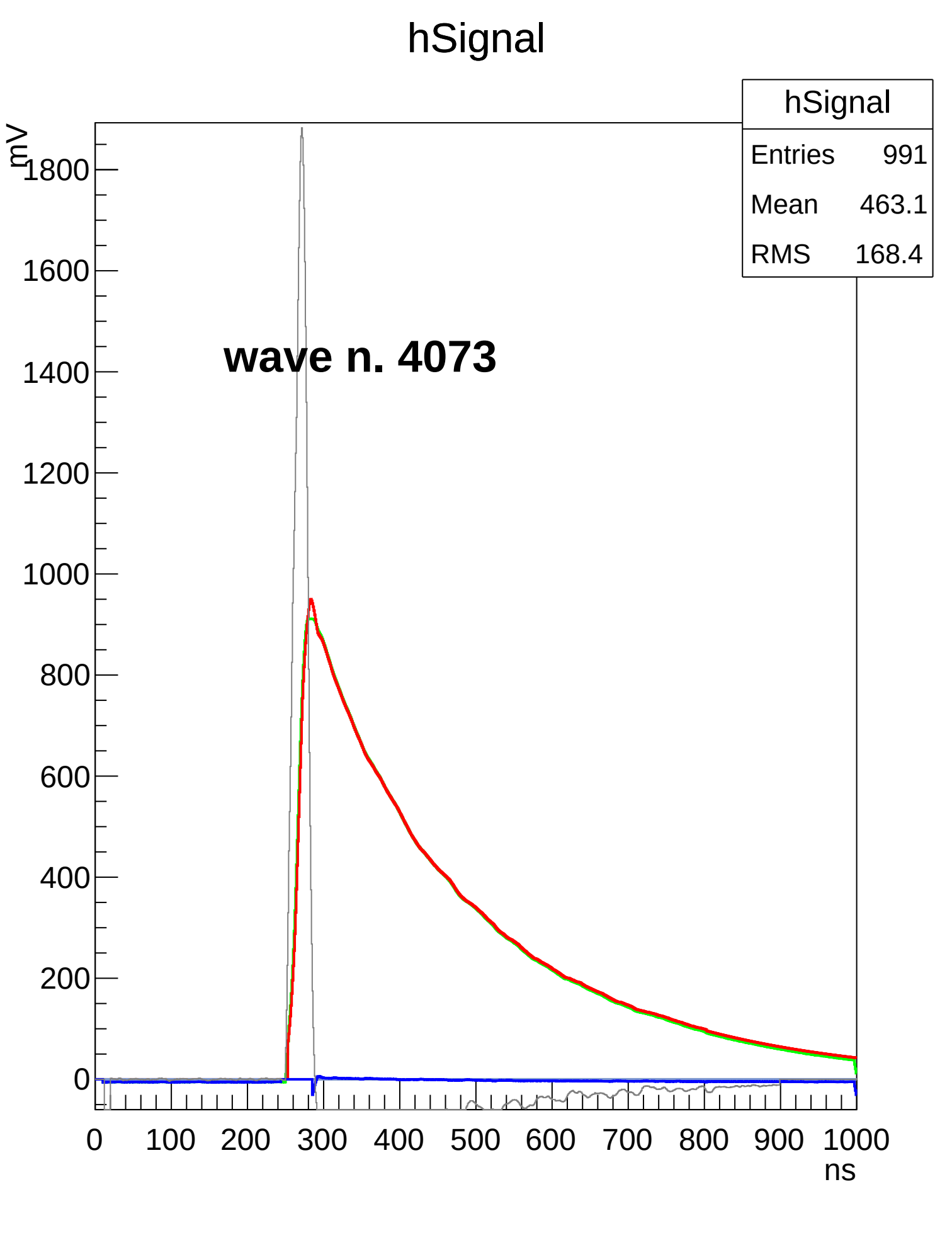
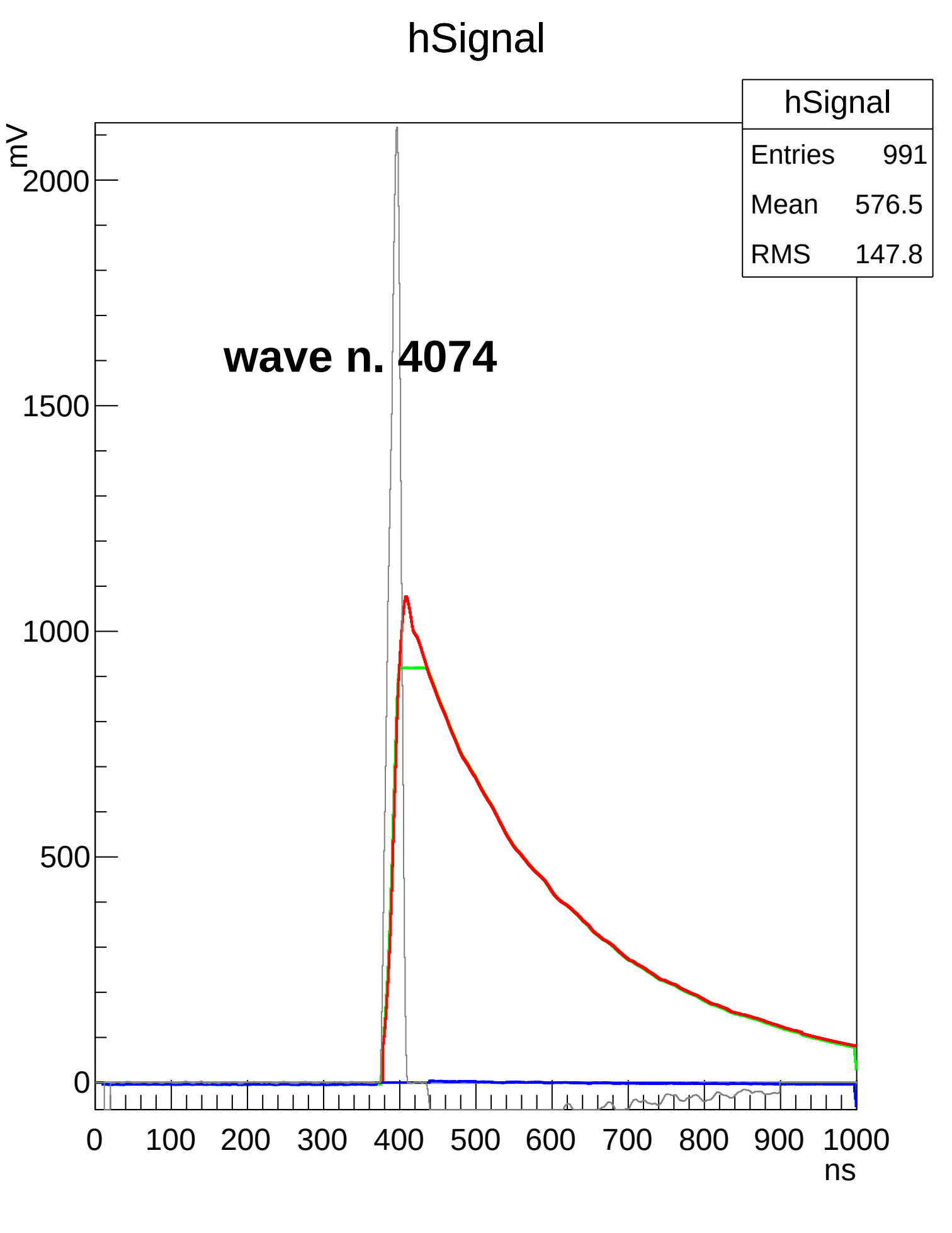
800
900
1000
ns

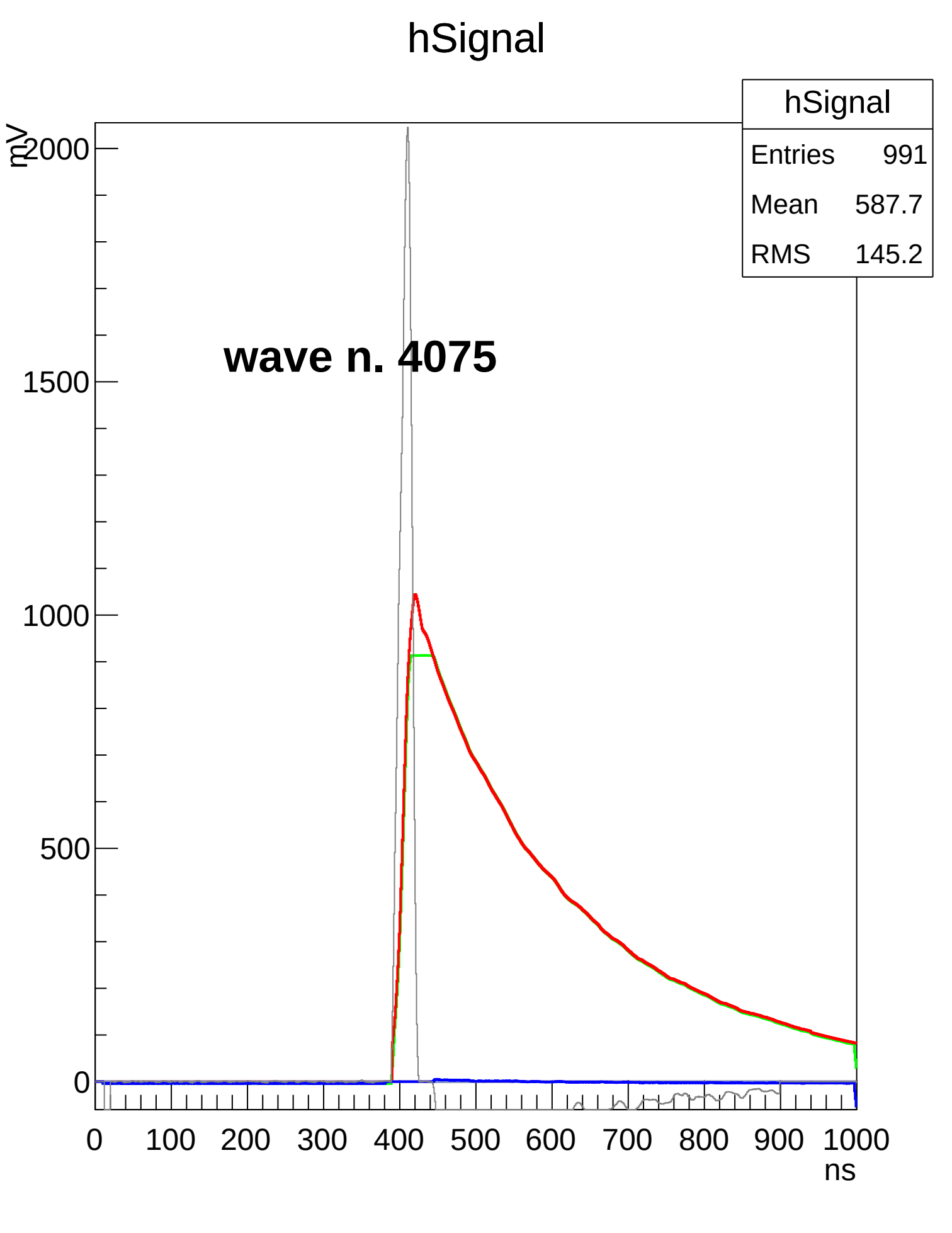

hSignal
hSignal
Entries 991
Mean 463.7
RMS 168.3
wave n. 4070
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 438.8
RMS 172.9
wave n. 4071
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578.5
RMS 147.3
wave n. 4072
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 463.1
RMS 168.4
wave n. 4073
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576.5
RMS 147.8
wave n. 4074
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 587.7
RMS 145.2
wave n. 4075
mV
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1000
500
0
0
100
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400
500
600
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800
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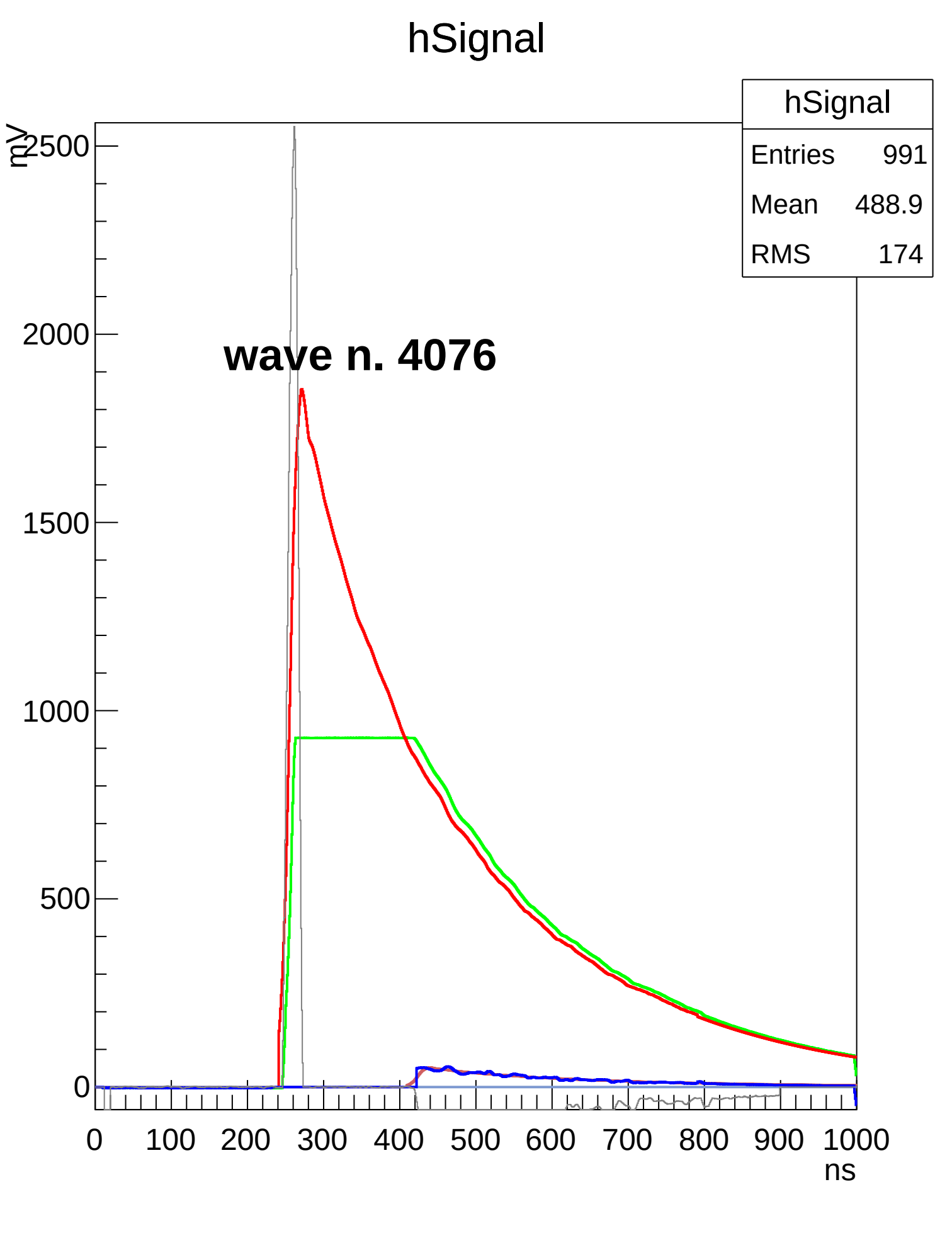
1000
ns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hSignal
Entries 991
Mean 488.9
RMS 174
wave n. 4076
mV
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1500
1000
500
0
0
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400
500
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800
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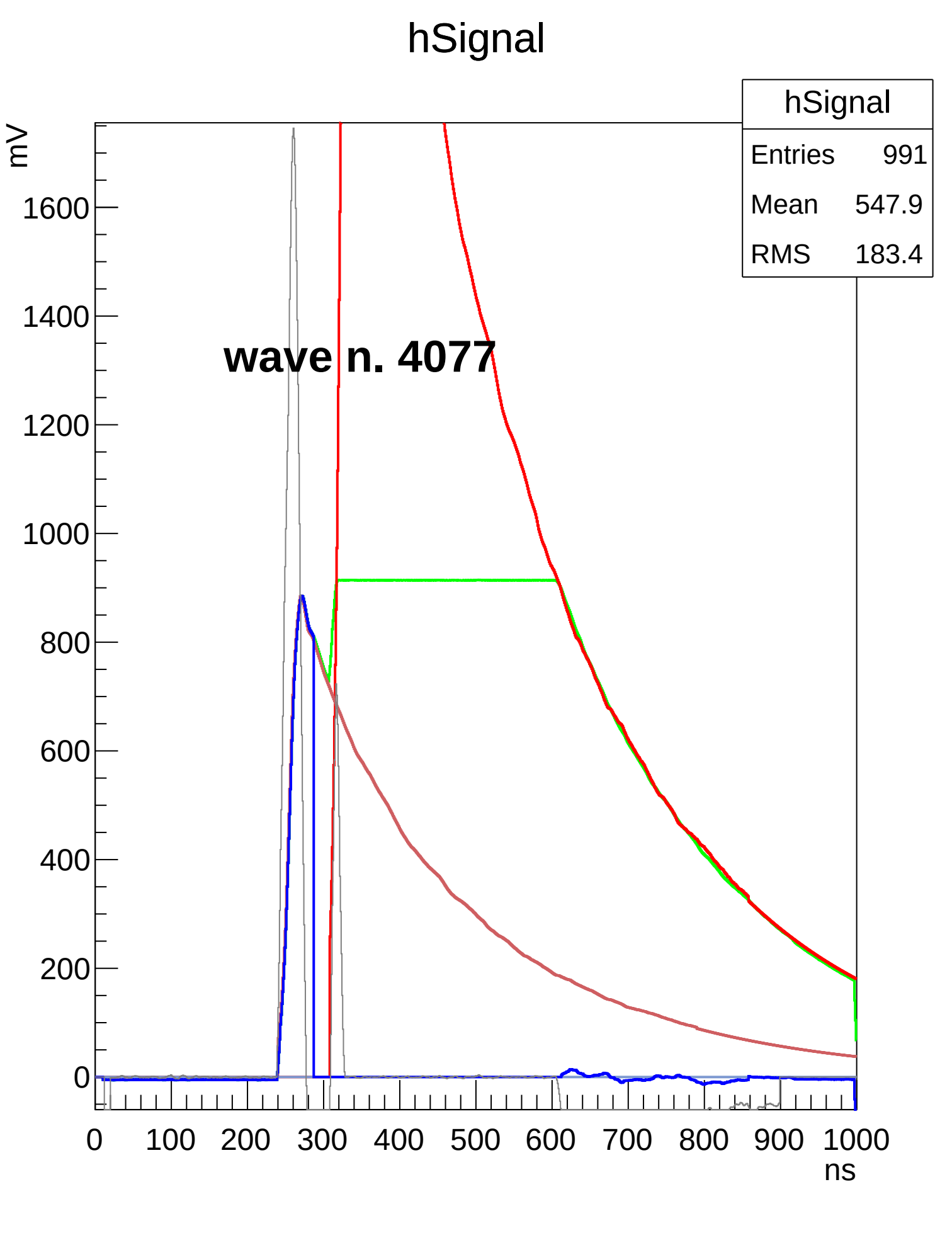
1000
ns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hSignal
Entries 991
Mean 547.9
RMS 183.4
wave n. 4077
mV
1600
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600
400
200
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200
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400
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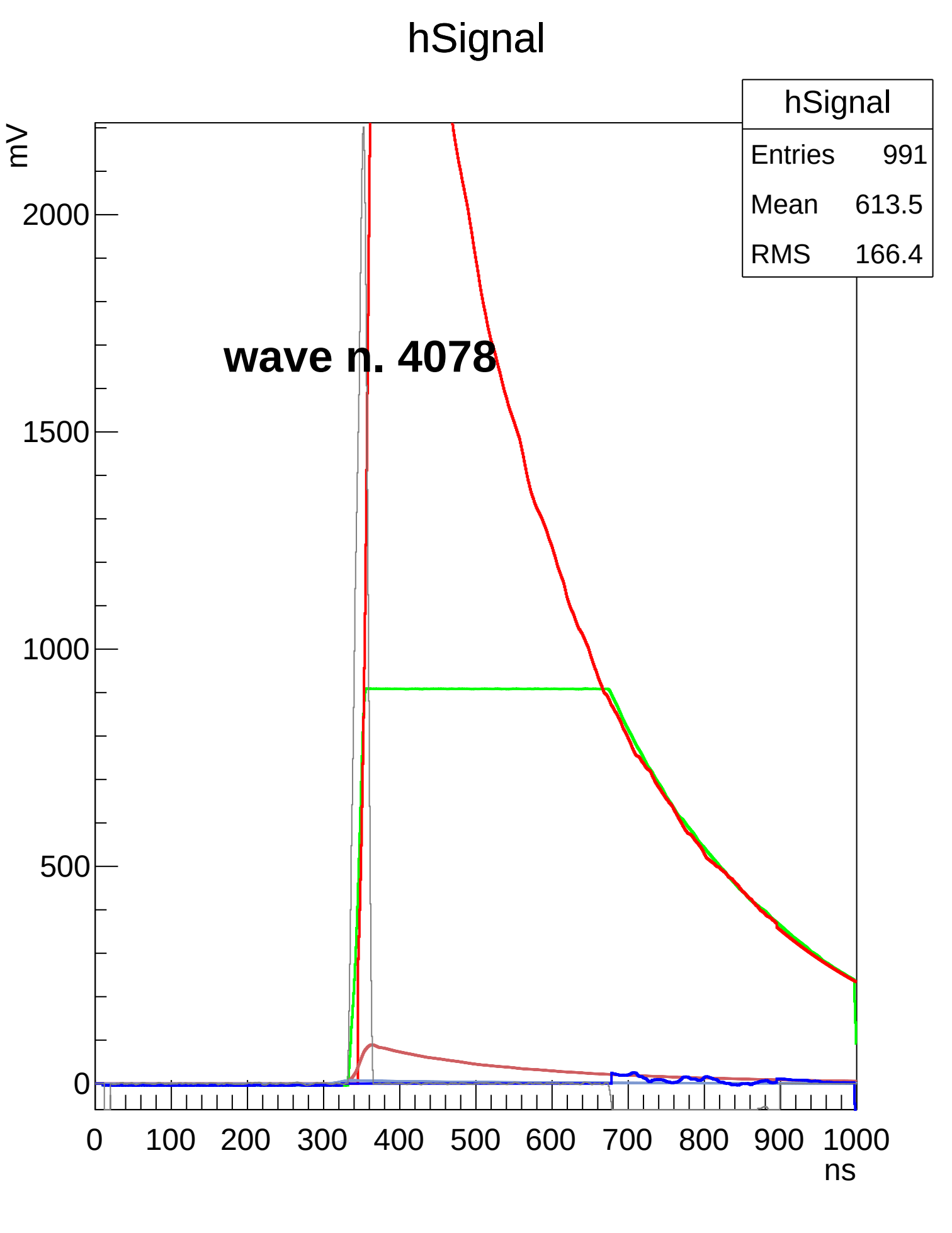
1000
ns


hSignal
hSignal
Entries 991
Mean 613.5
RMS 166.4
wave n. 4078
mV
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500
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400
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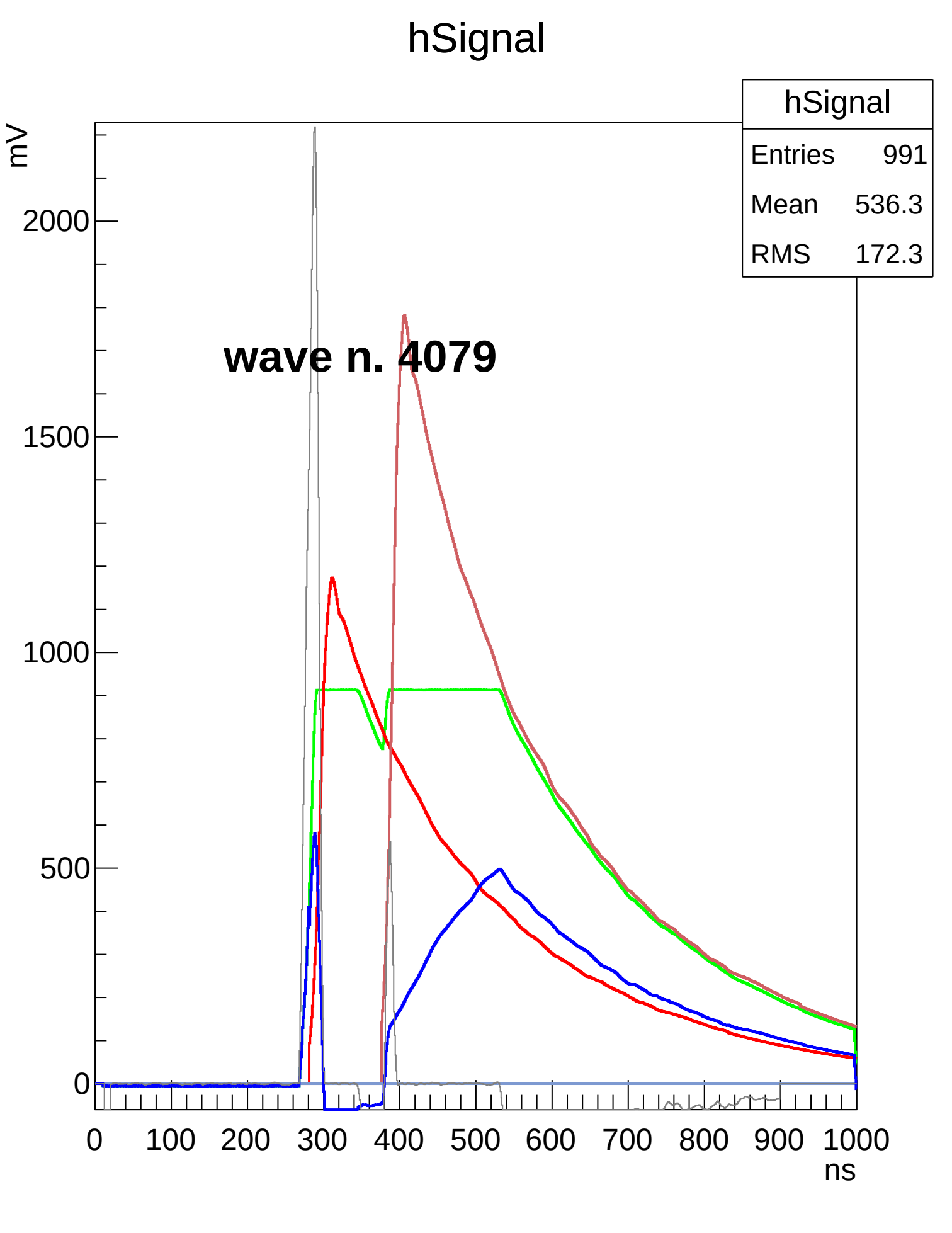
hSignal
hSignal
Entries 991
Mean 536.3
RMS 172.3
wave n. 4079
mV
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1000
500
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0
100
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800
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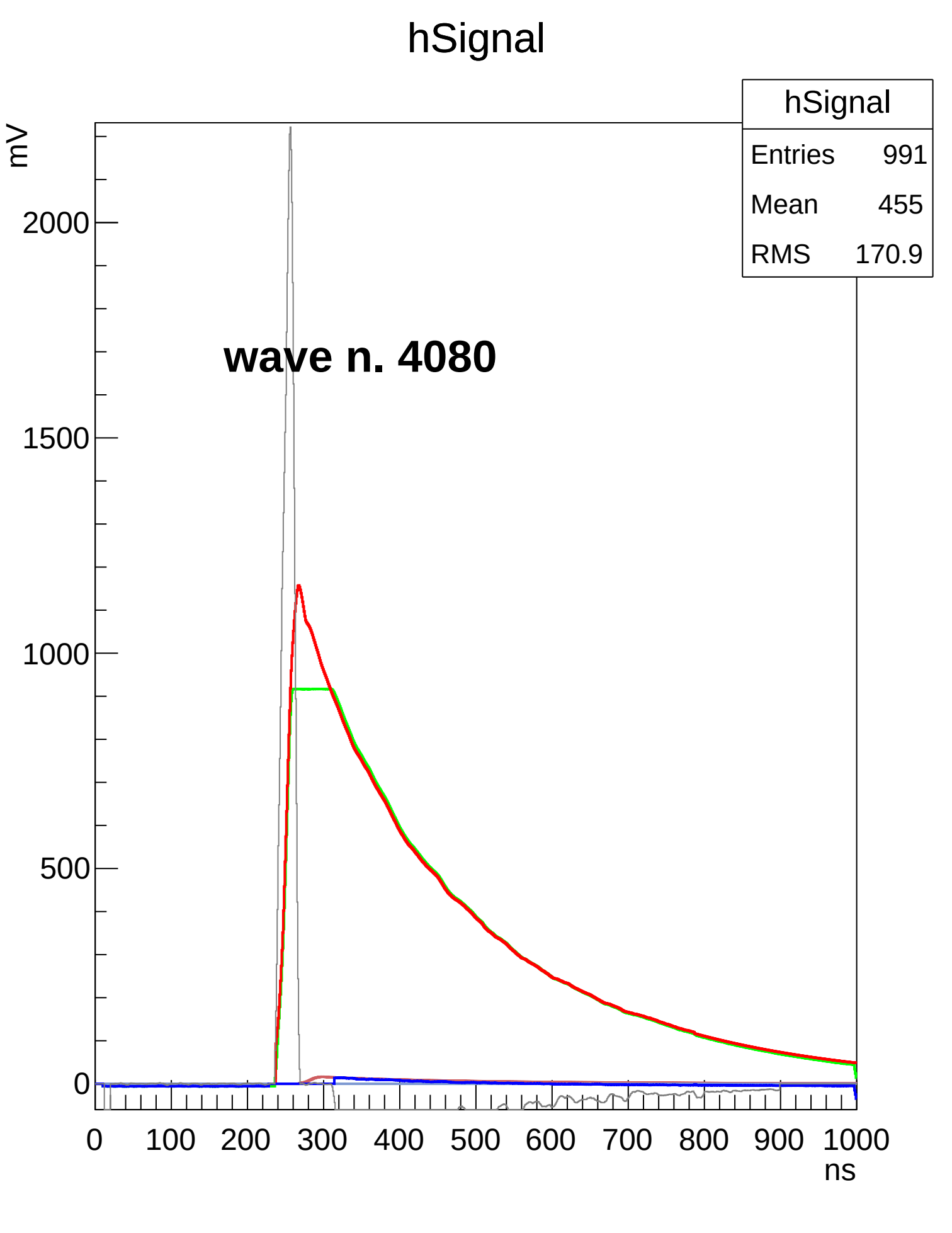
1000
ns


hSignal
hSignal
Entries 991
Mean 455
RMS 170.9
wave n. 4080
mV
2000
1500
1000
500
0
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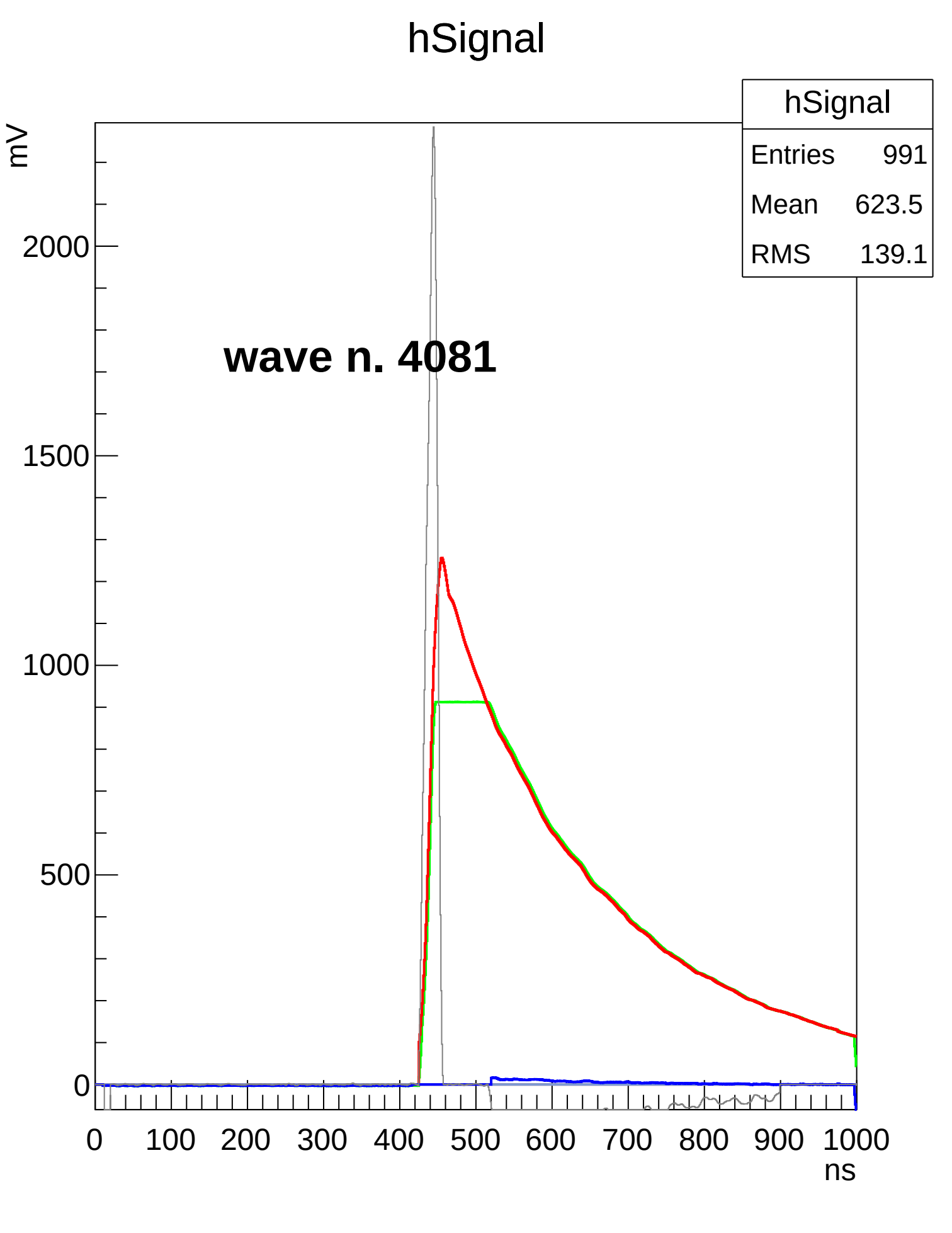
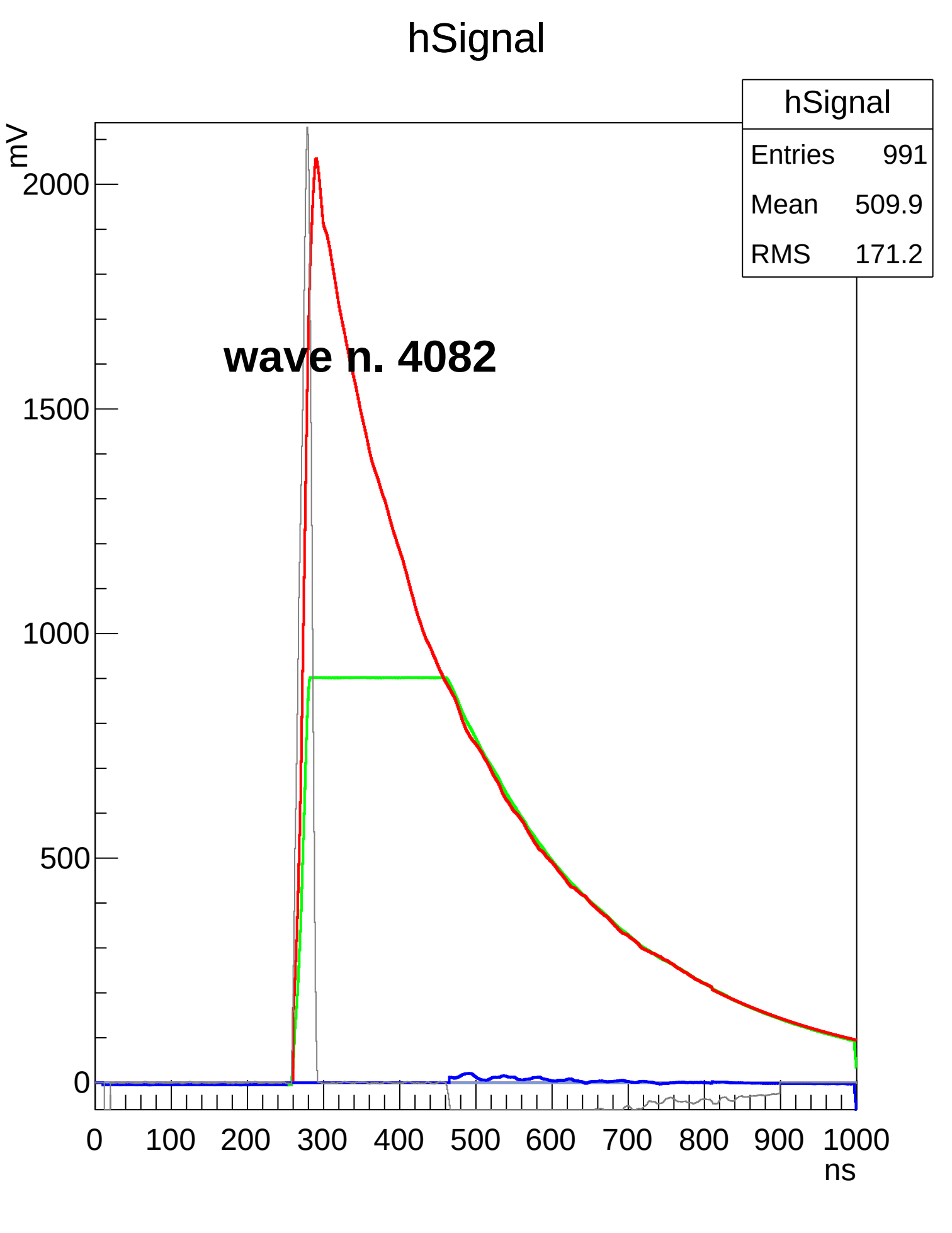
ns


hSignal
hSignal
Entries 991
Mean 623.5
RMS 139.1
wave n. 4081
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 509.9
RMS 171.2
wave n. 4082
mV
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1500
1000
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0
100
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800
900
1000
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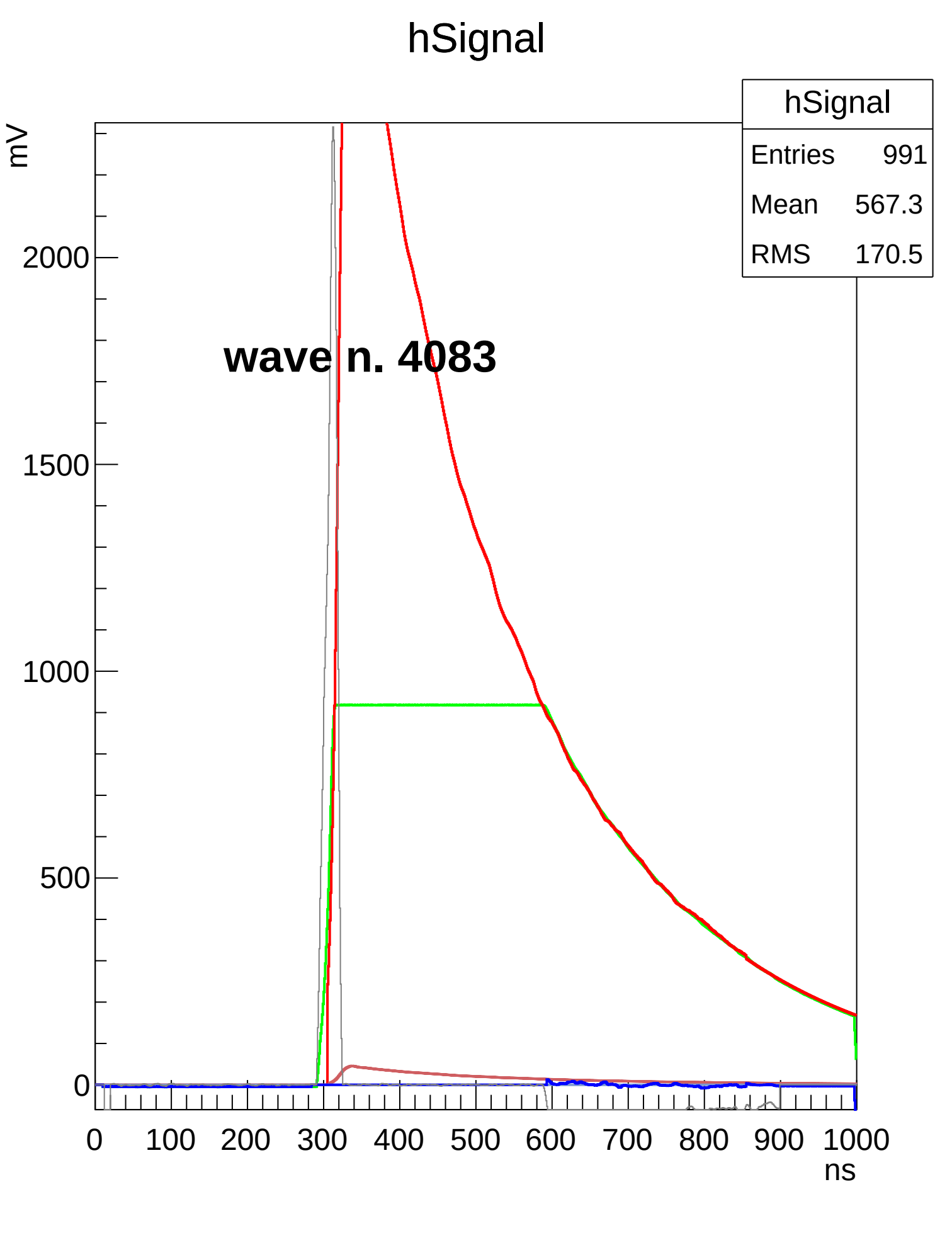
hSignal
hSignal
Entries 991
Mean 567.3
RMS 170.5
wave n. 4083
mV
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0
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100
200
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400
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800
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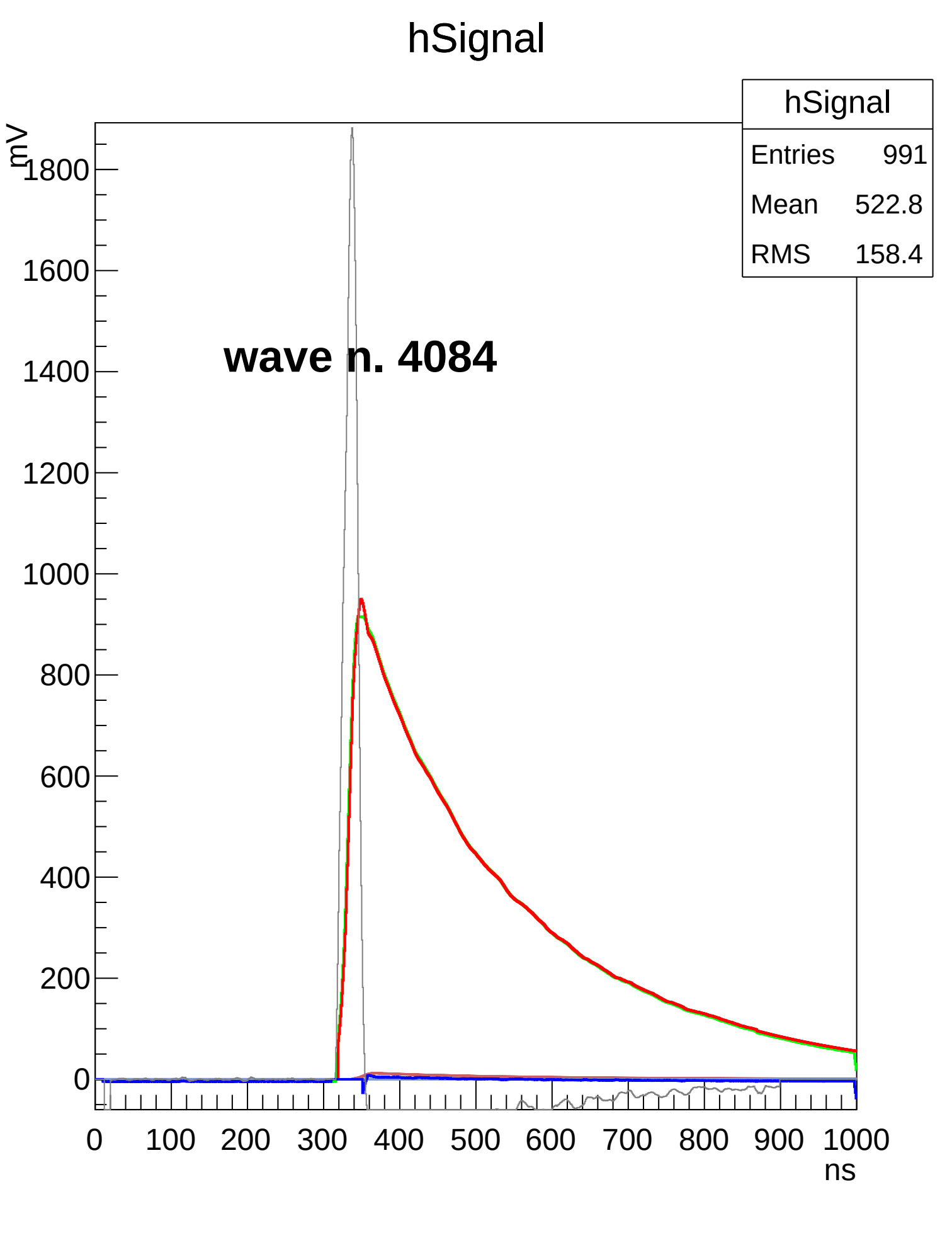
1000
ns


hSignal
hSignal
Entries 991
Mean 522.8
RMS 158.4
wave n. 4084
mV
1800
1600
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1200
1000
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600
400
200
0
0
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400
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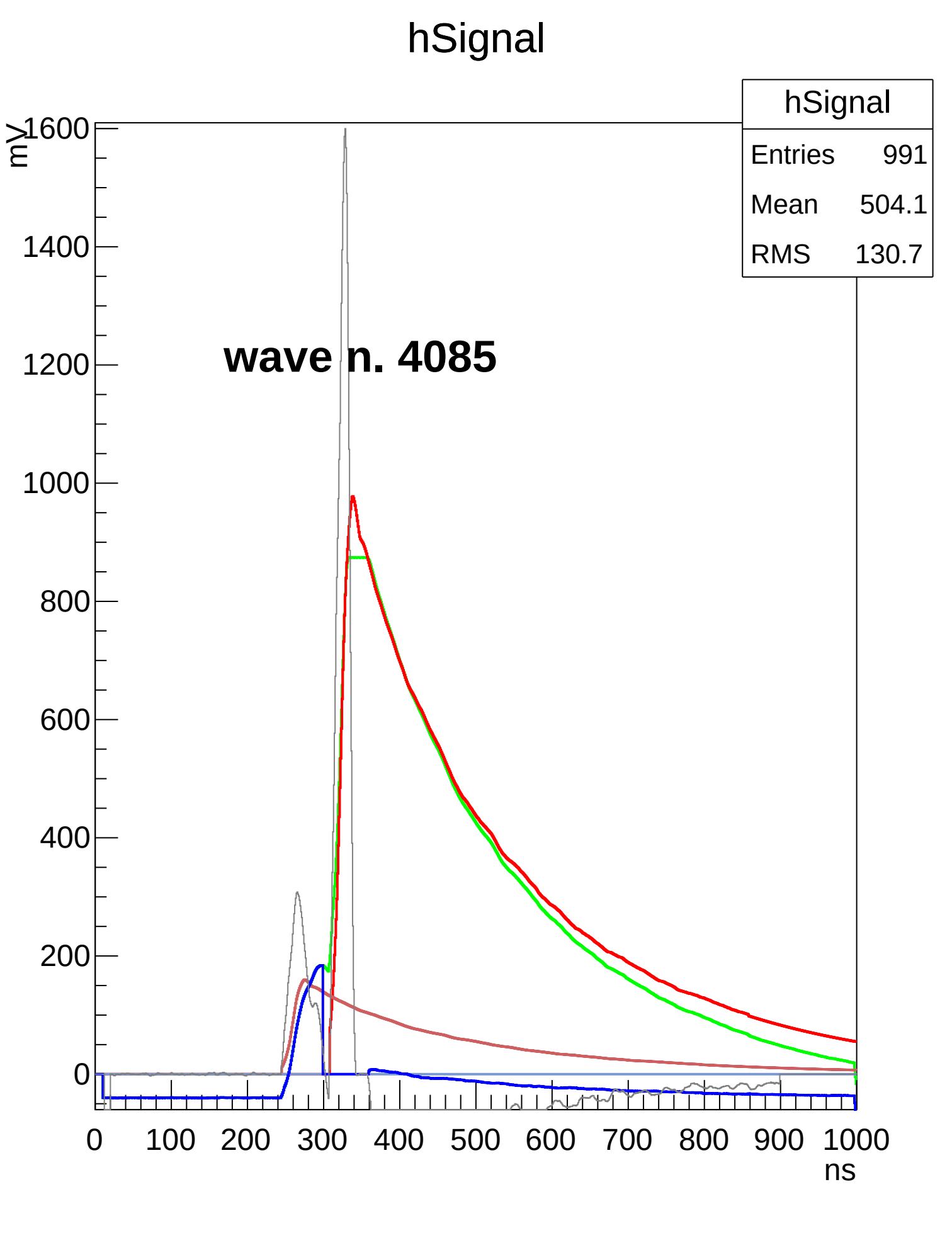
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.1
RMS 130.7
wave n. 4085
mV
1600
1400
1200
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600
400
200
0
0
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200
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400
500
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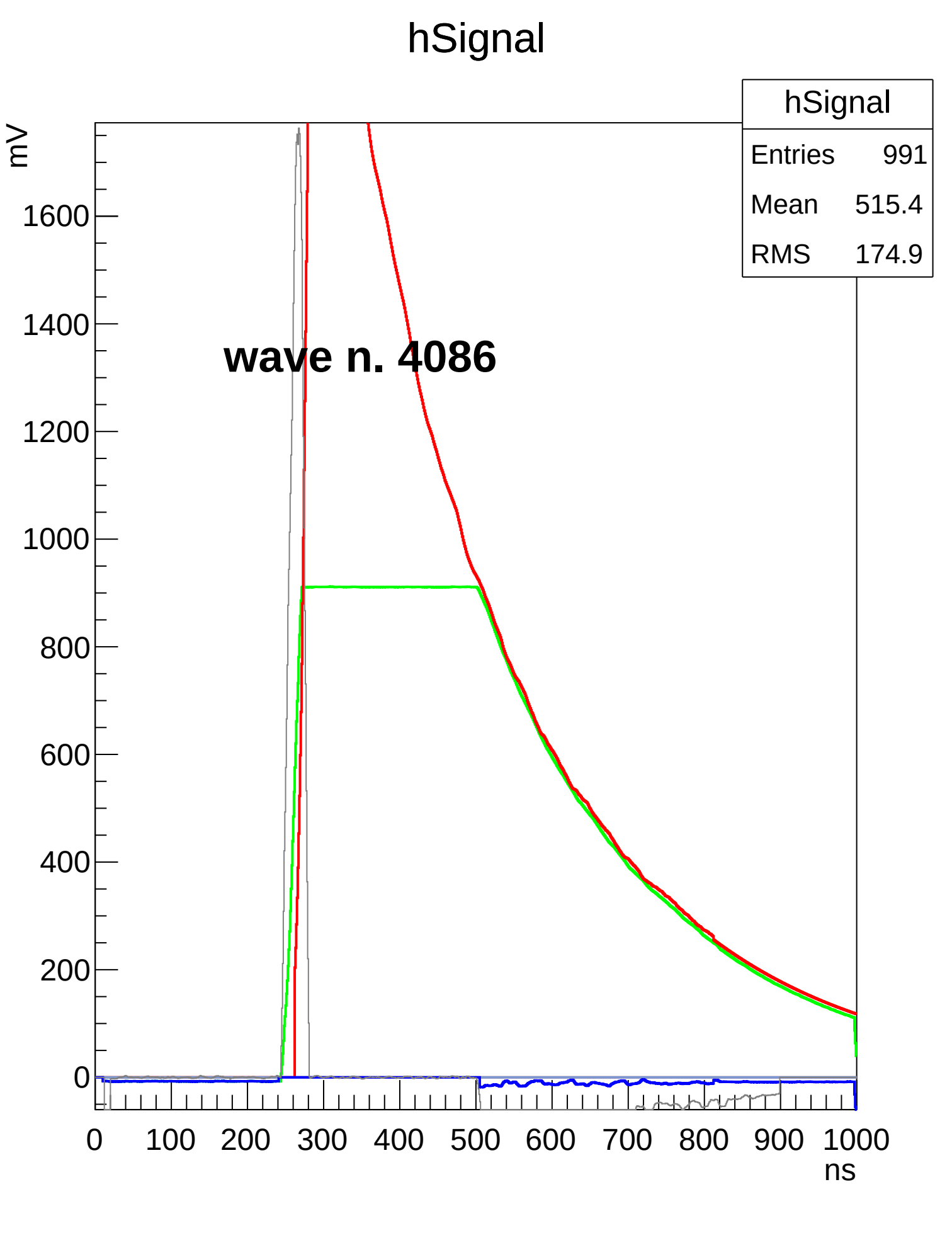
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.4
RMS 174.9
wave n. 4086
mV
1600
1400
1200
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600
400
200
0
0
100
200
300
400
500
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700
800
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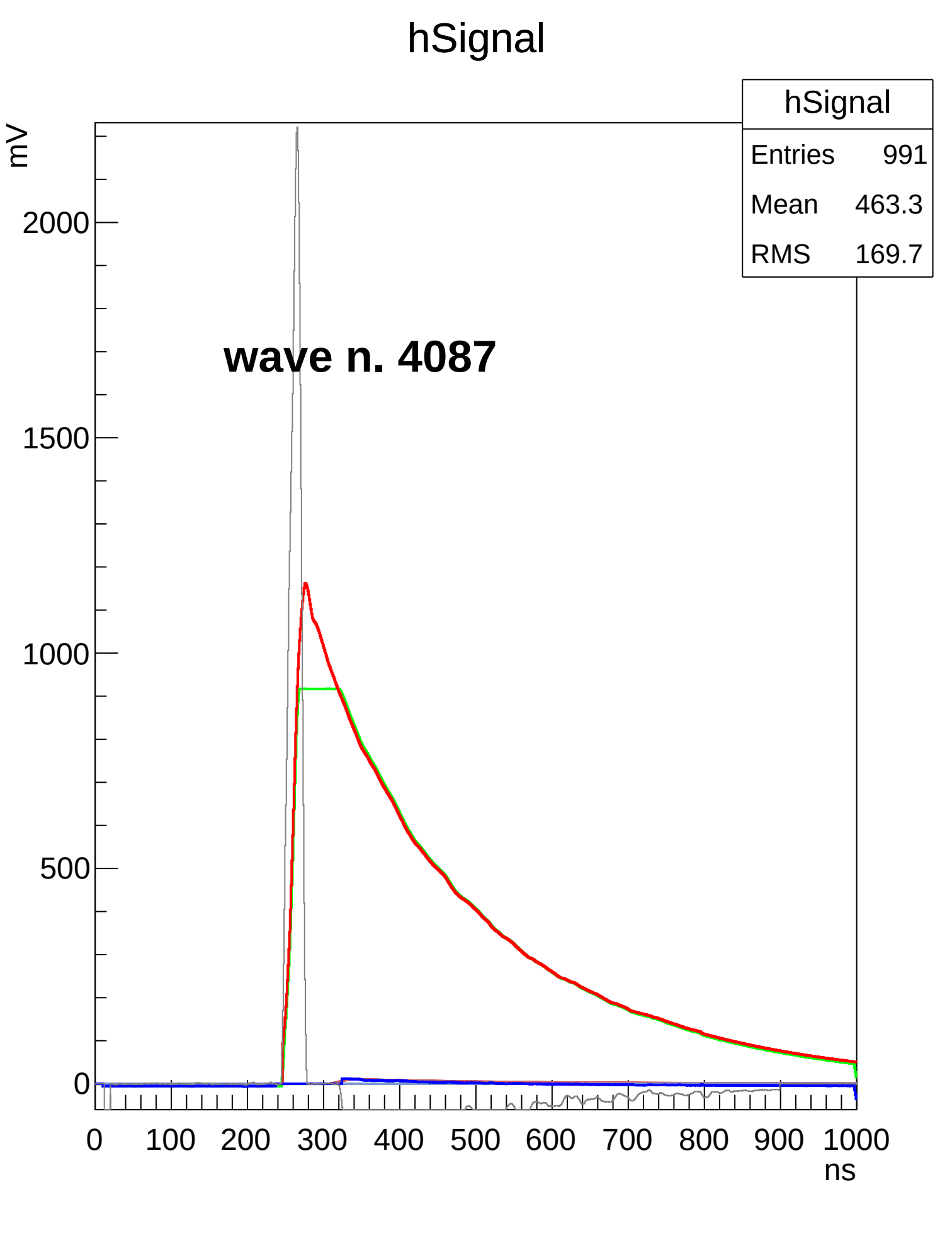
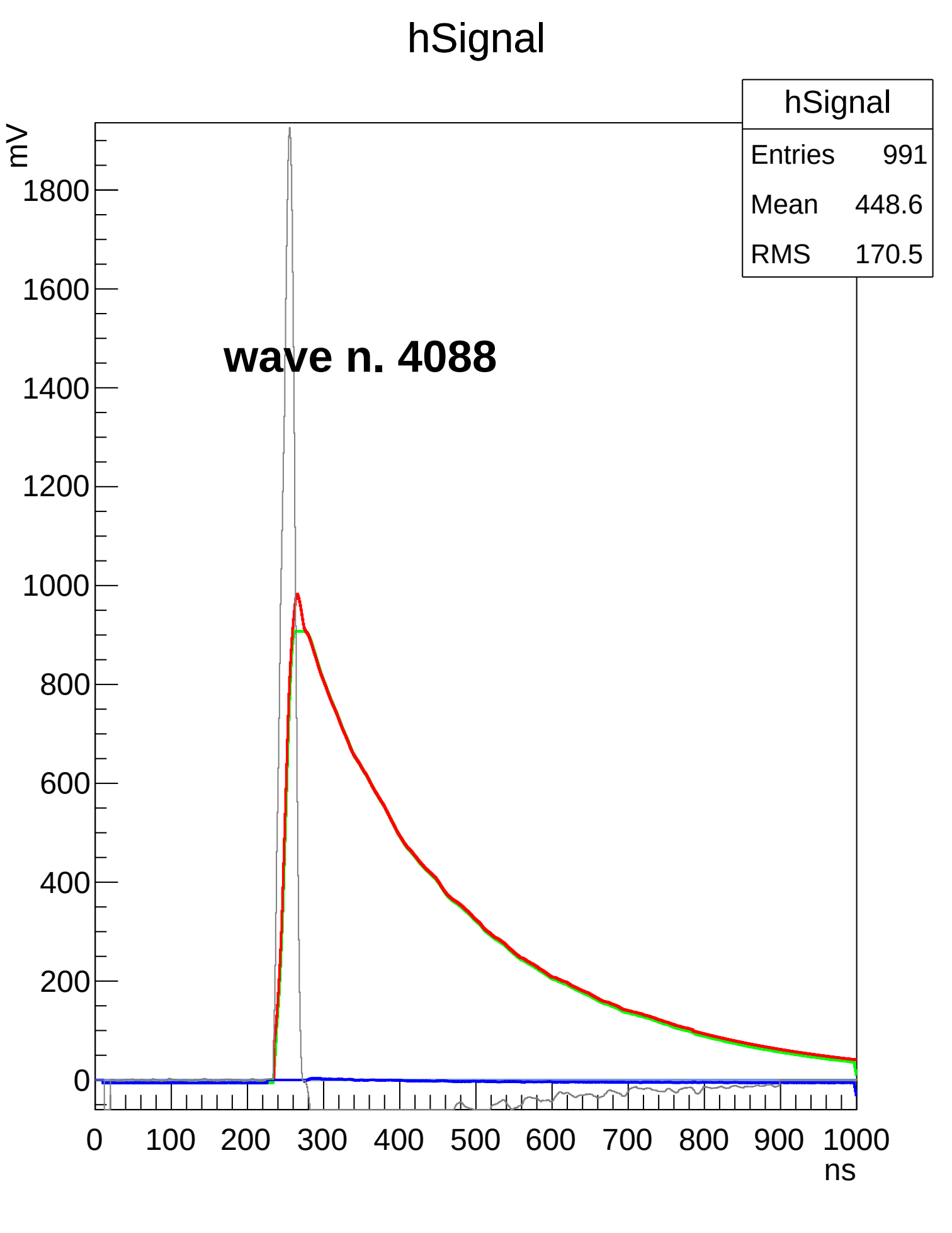
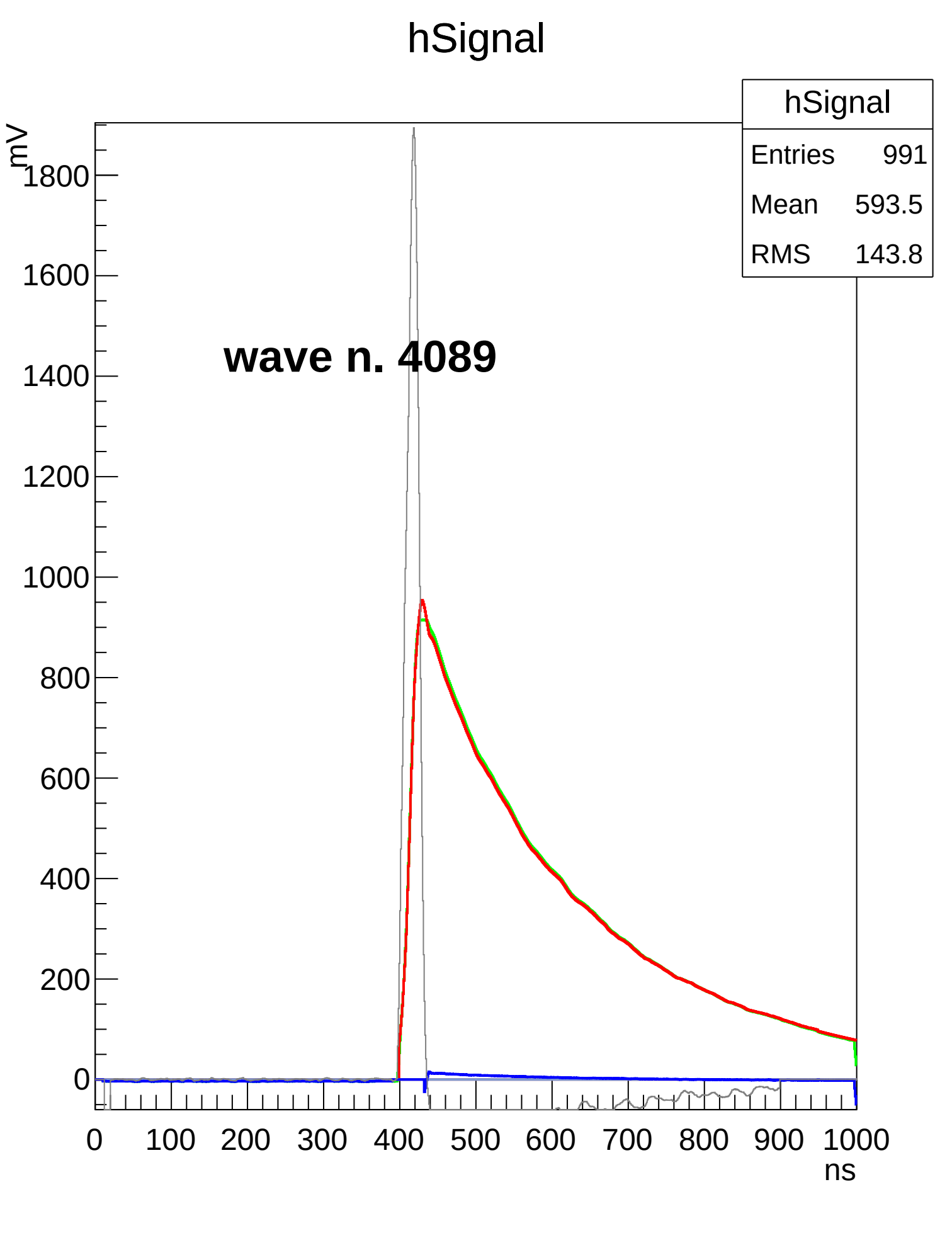
1000
ns


hSignal
hSignal
Entries 991
Mean 463.3
RMS 169.7
wave n. 4087
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 448.6
RMS 170.5
wave n. 4088
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 593.5
RMS 143.8
wave n. 4089
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
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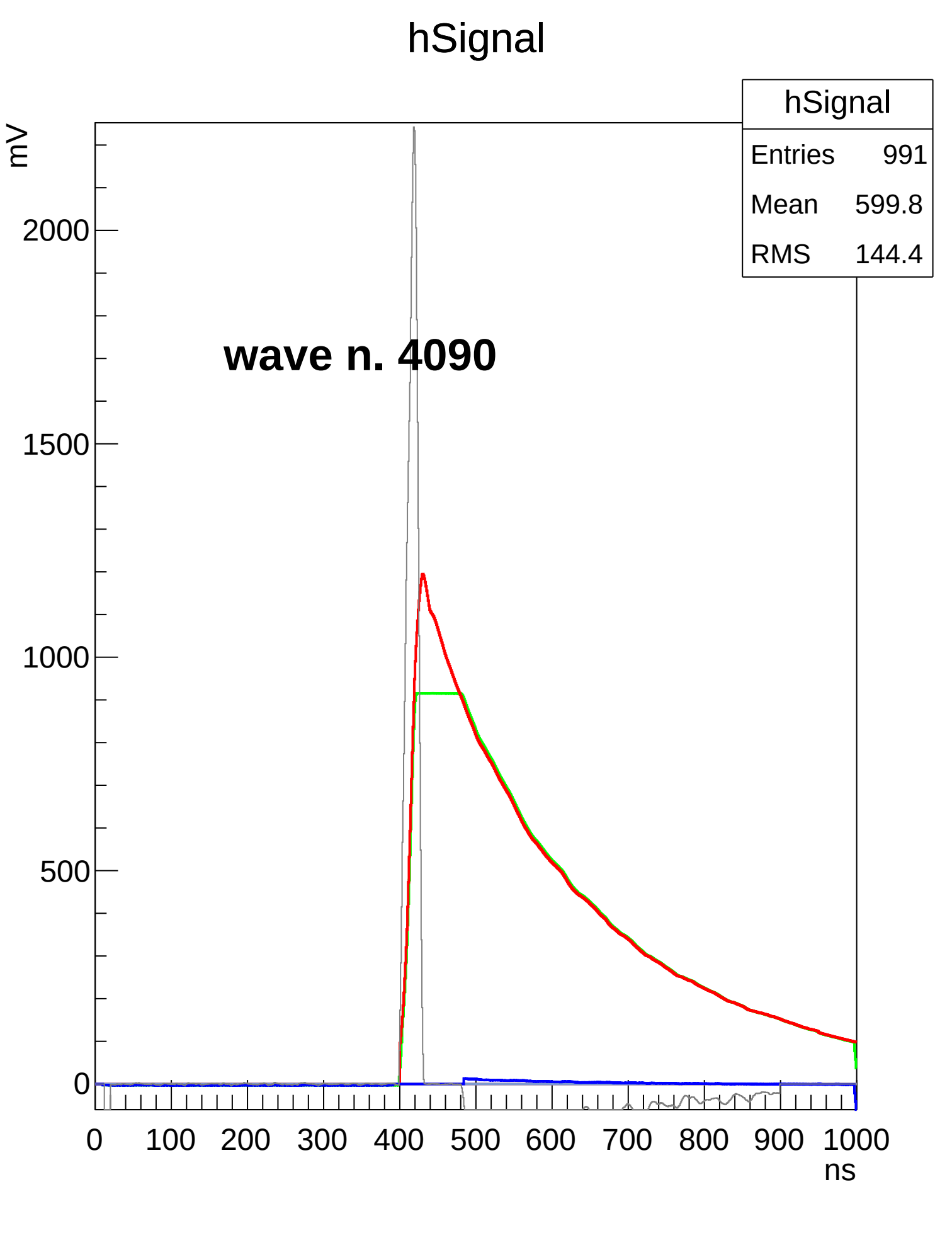
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 599.8
RMS 144.4
wave n. 4090
mV
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1500
1000
500
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0
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400
500
600
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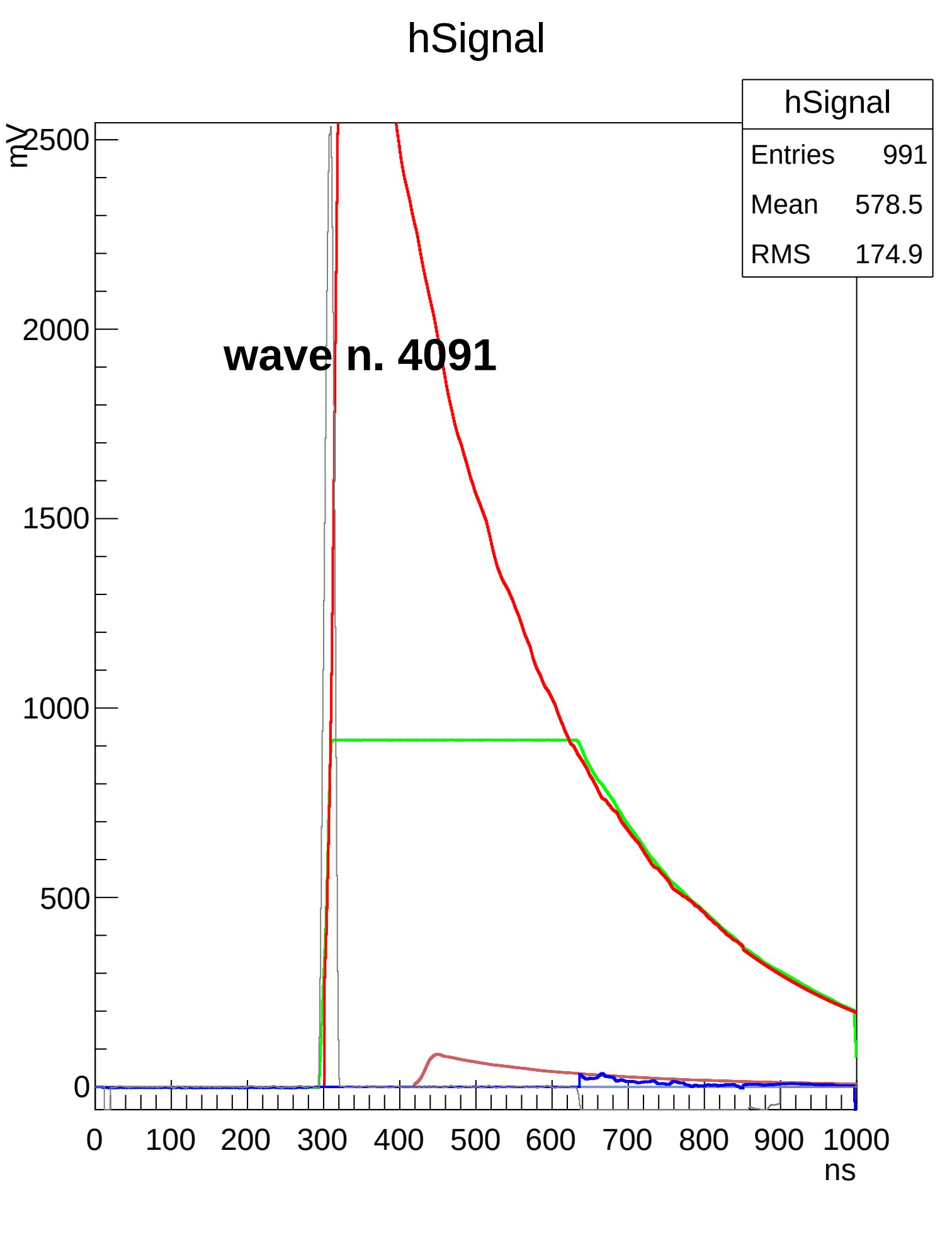
800
900
1000
ns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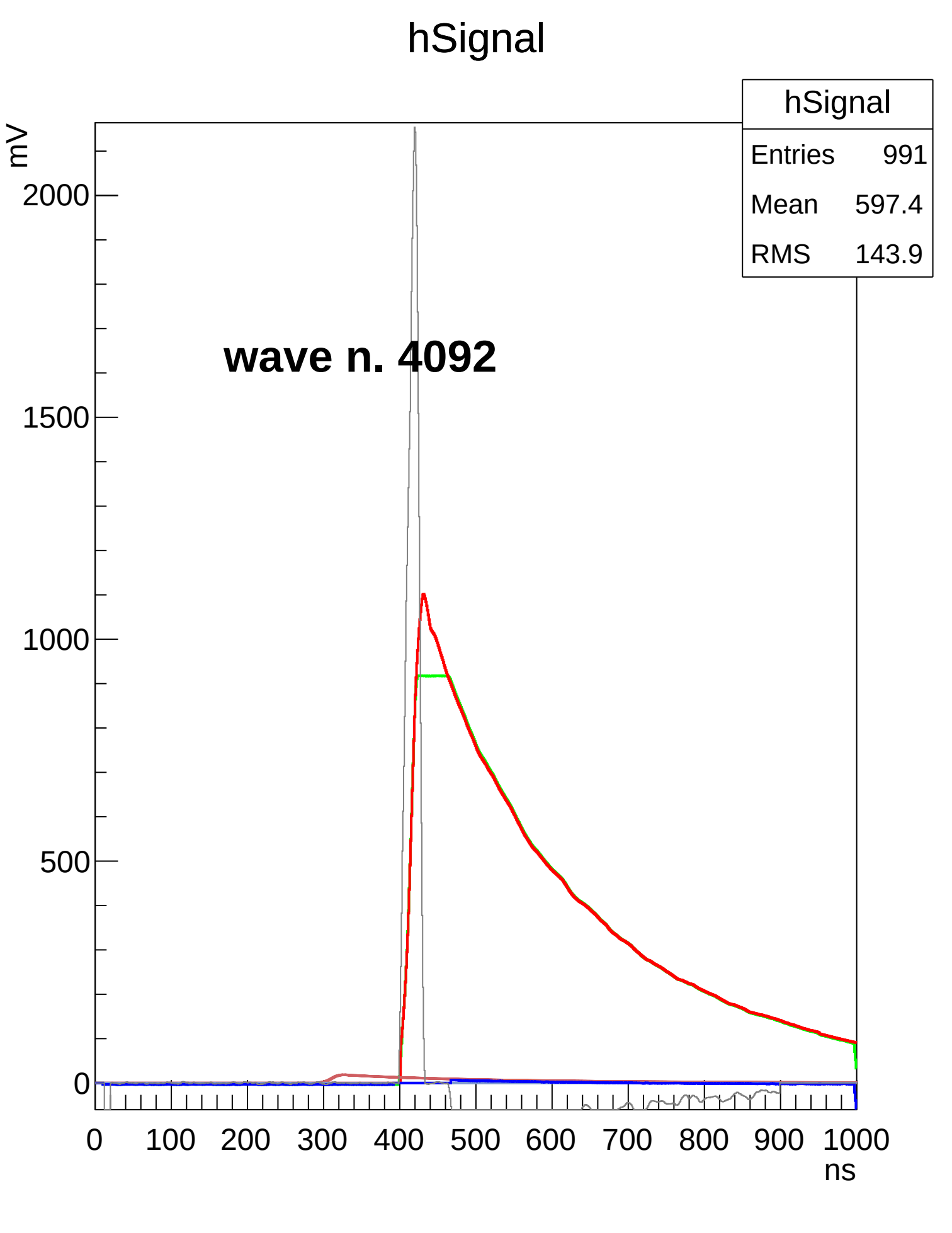
hSignal
Entries 991
Mean 578.5
RMS 174.9
wave n. 4091
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 597.4
RMS 143.9
wave n. 4092
mV
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1500
1000
500
0
0
100
200
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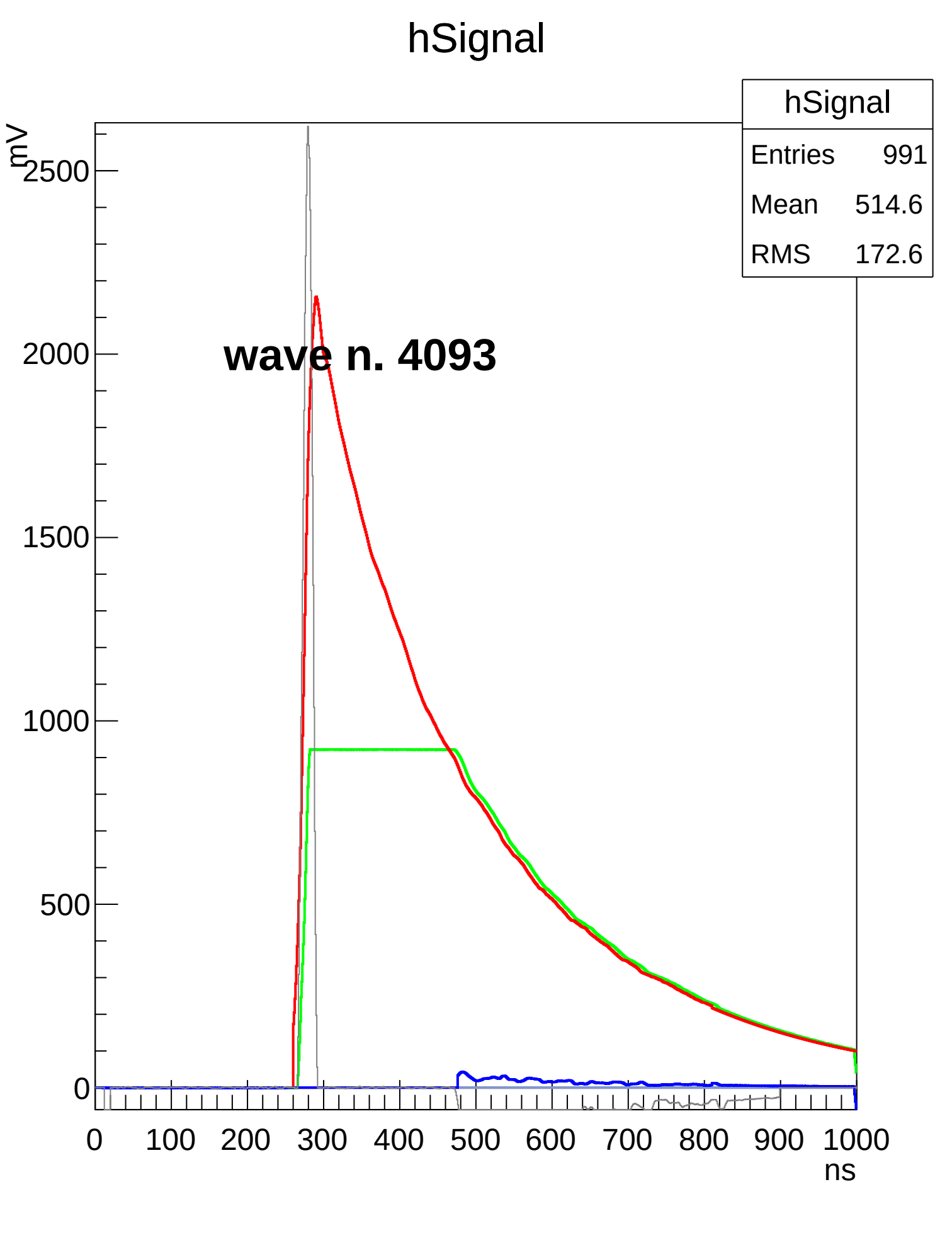
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 514.6
RMS 172.6
wave n. 4093
mV
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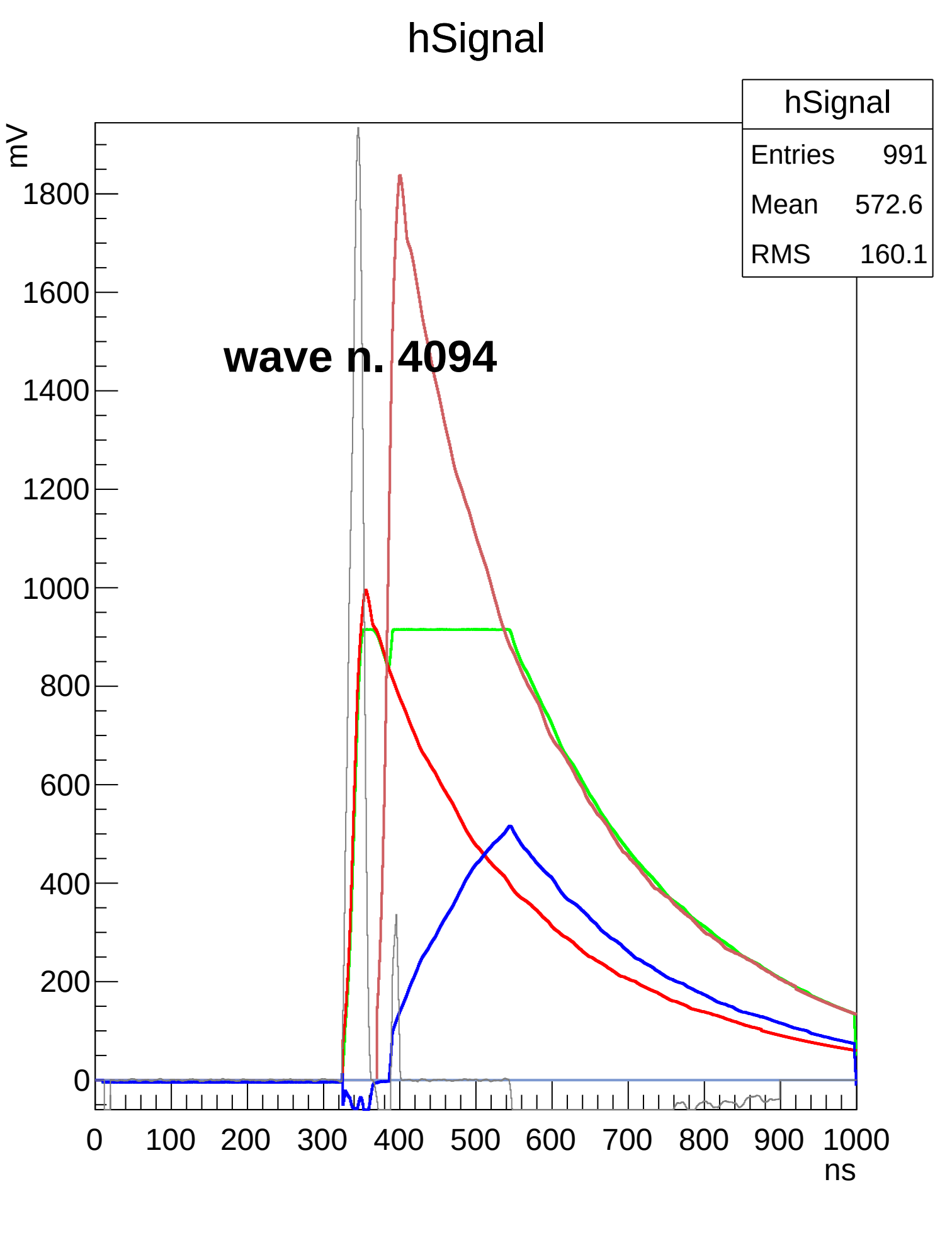
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 572.6
RMS 160.1
wave n. 4094
mV
1800
1600
1400
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600
400
200
0
0
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200
300
400
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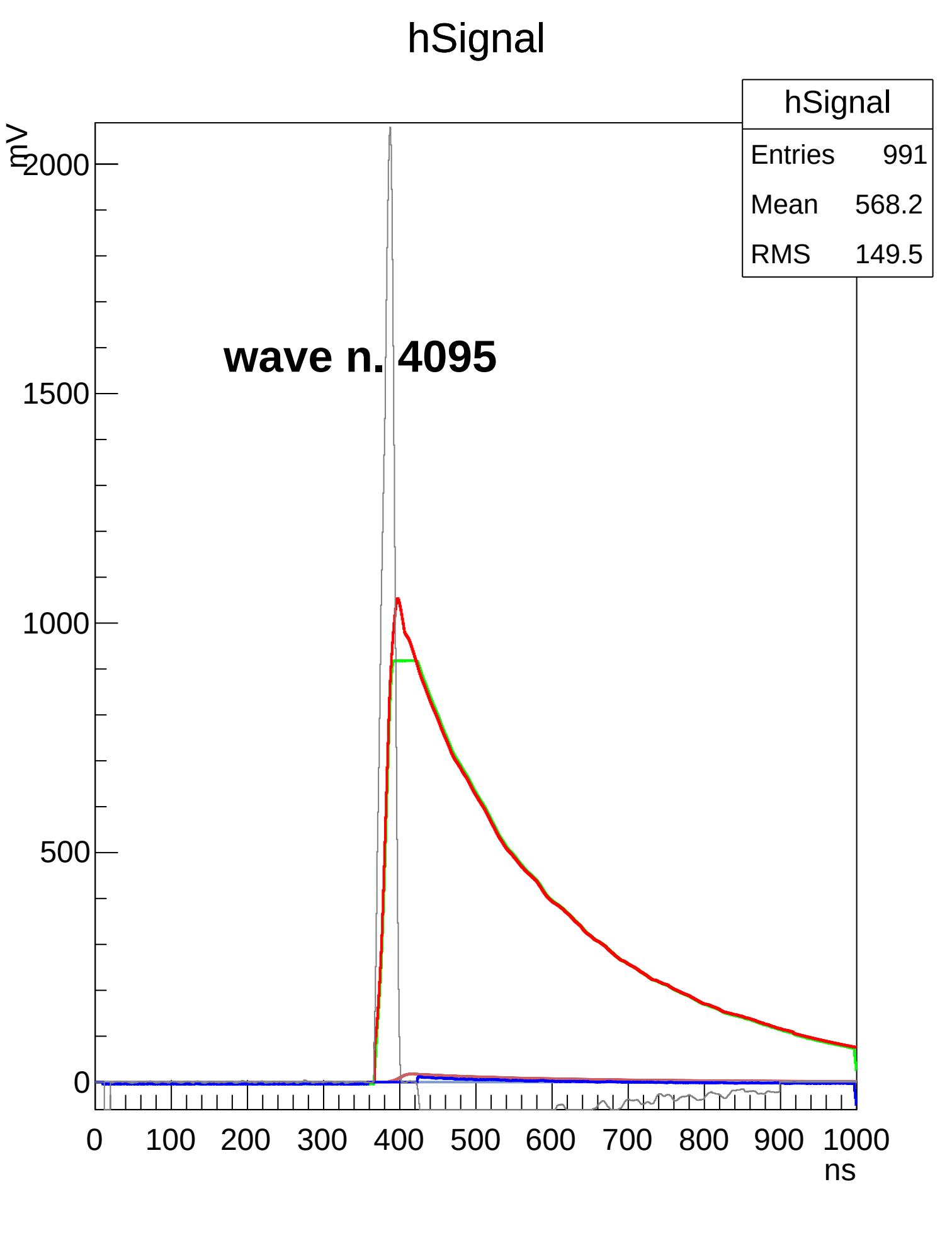
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 568.2
RMS 149.5
wave n. 4095
mV
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1500
1000
500
0
0
100
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800
900
1000
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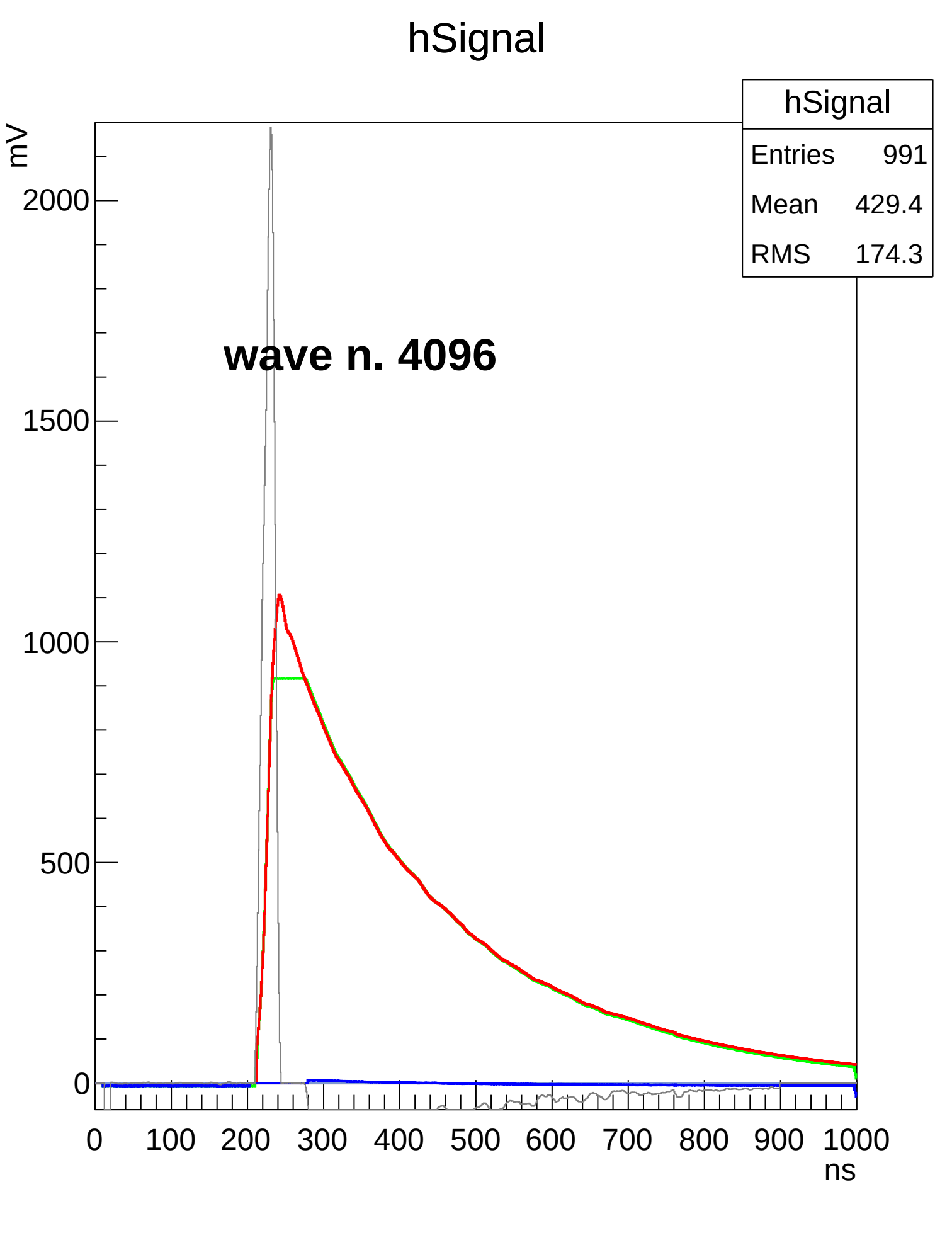
hSignal
hSignal
Entries 991
Mean 429.4
RMS 174.3
wave n. 4096
mV
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1500
1000
500
0
0
100
200
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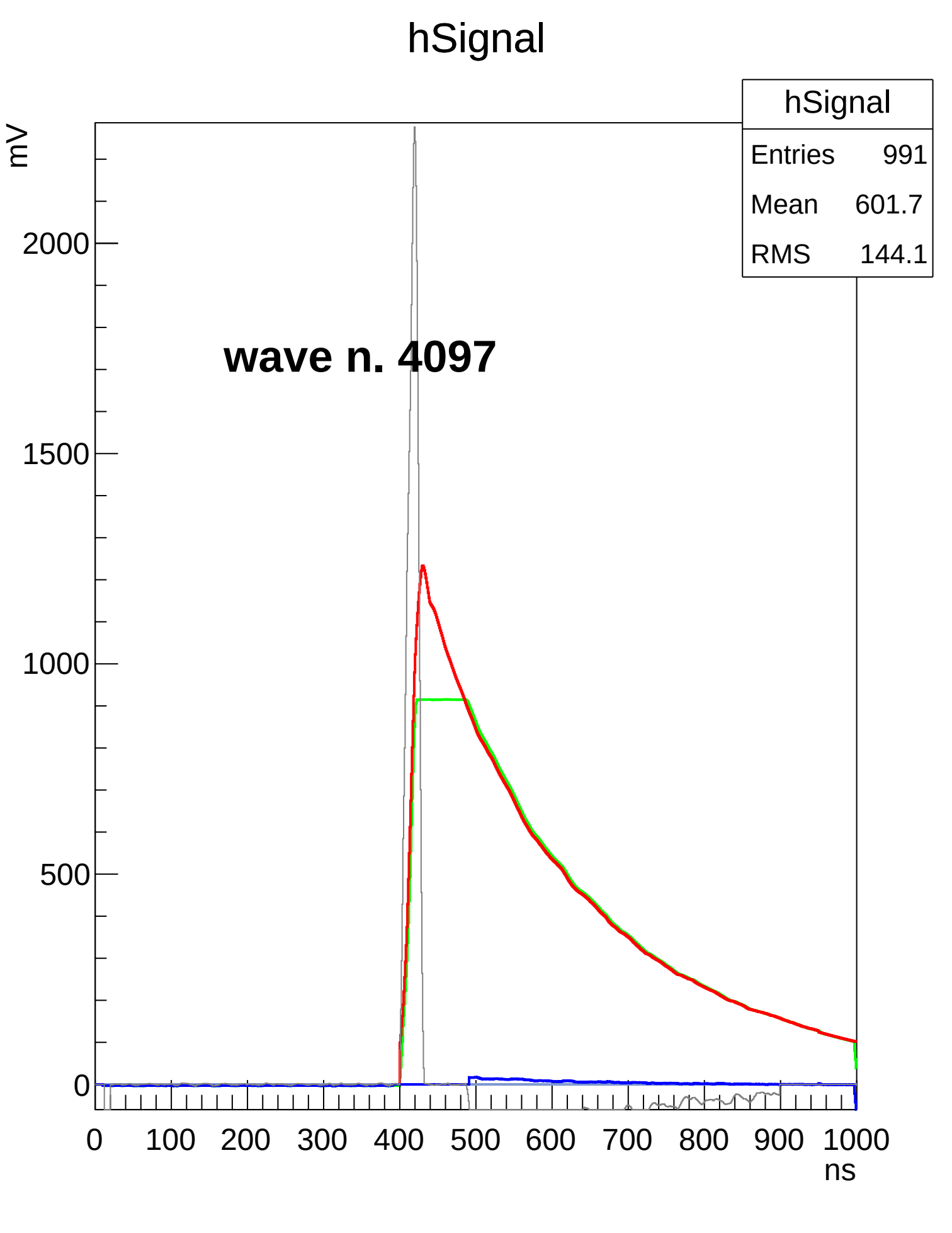
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 601.7
RMS 144.1
wave n. 4097
mV
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1500
1000
500
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0
100
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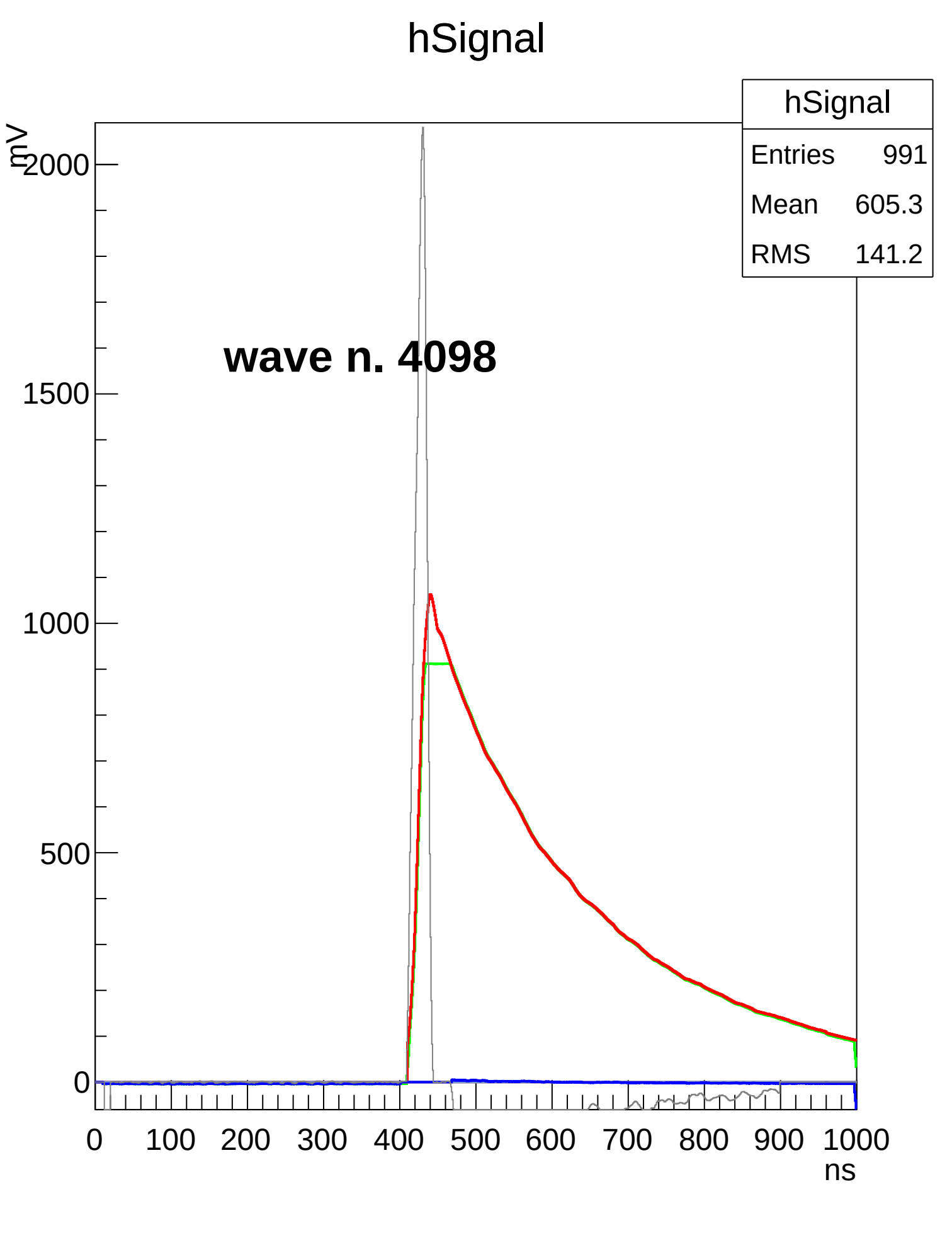
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 605.3
RMS 141.2
wave n. 4098
mV
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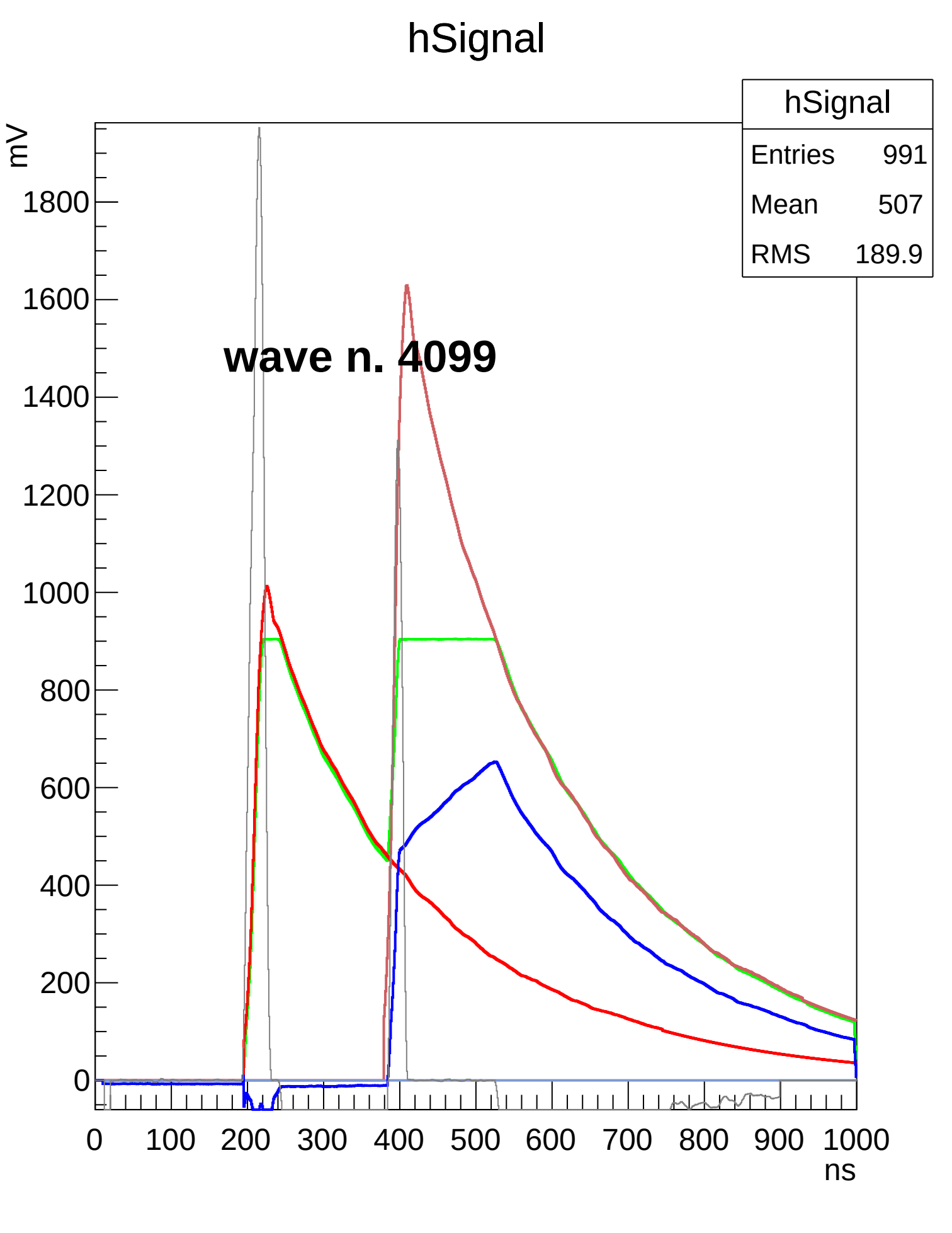
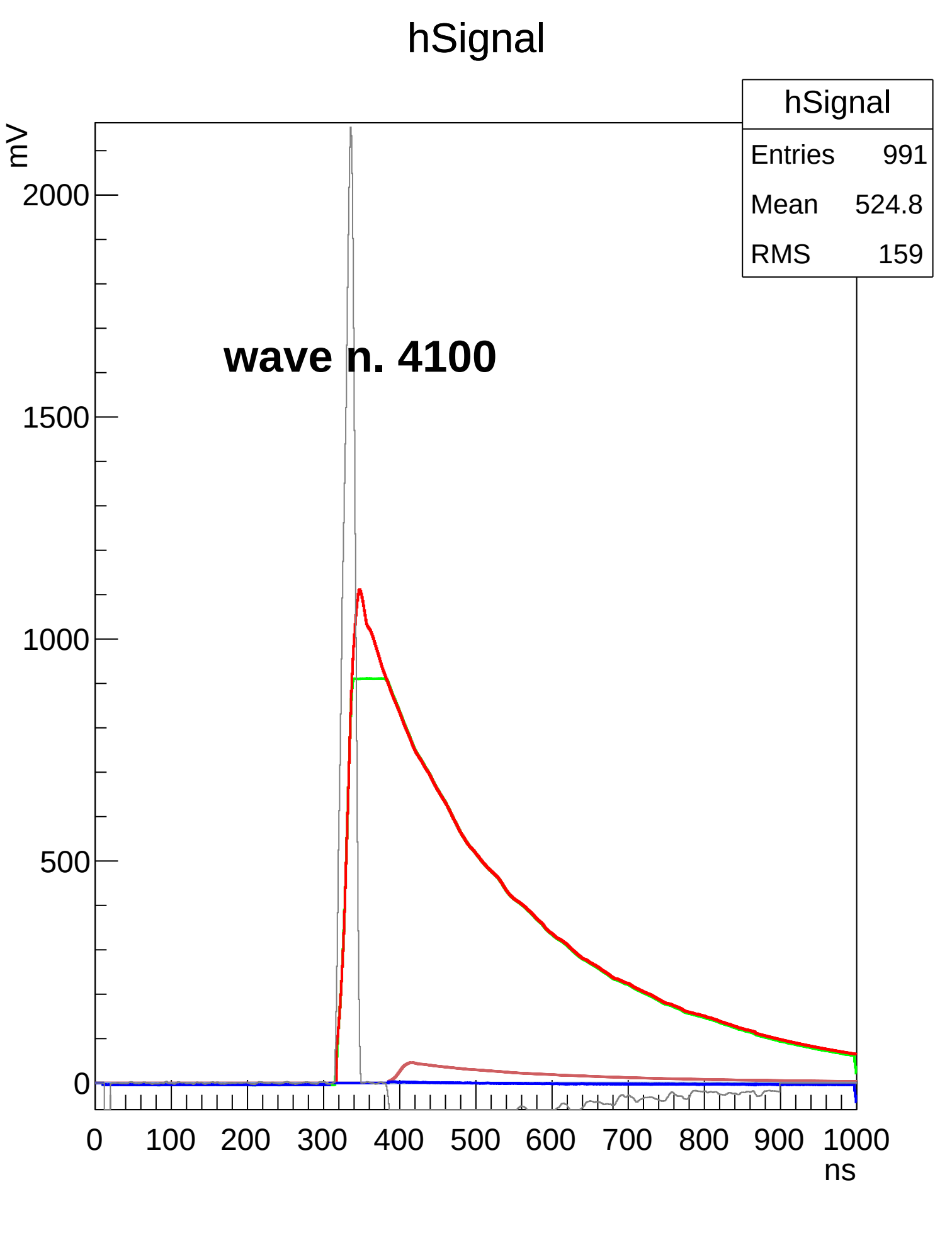
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507
RMS 189.9
wave n. 4099
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 524.8
RMS 159
wave n. 4100
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
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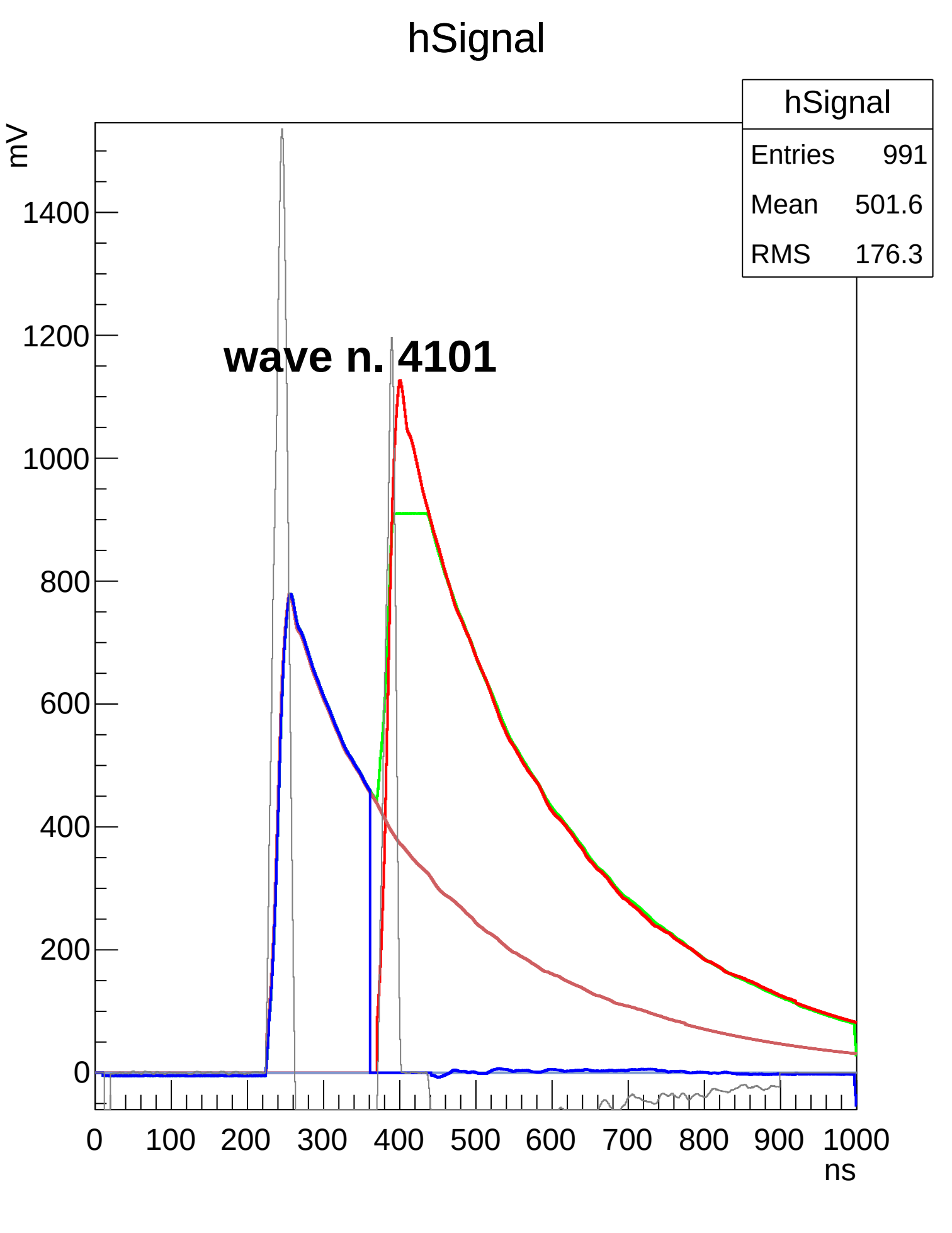
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 501.6
RMS 176.3
wave n. 4101
mV
1400
1200
1000
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600
400
200
0
0
100
200
300
400
500
600
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800
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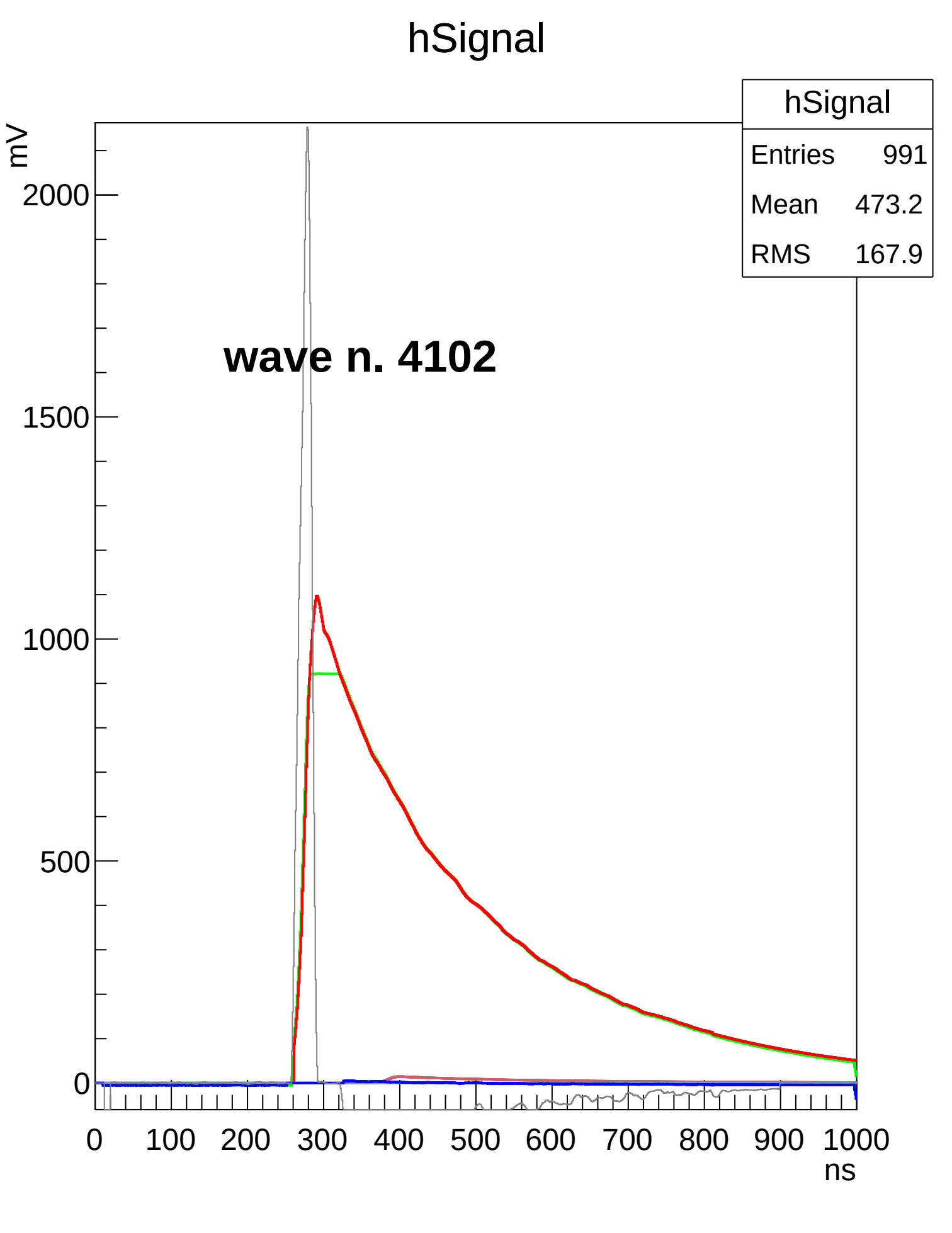
1000
ns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hSignal
Entries 991
Mean 473.2
RMS 167.9
wave n. 4102
mV
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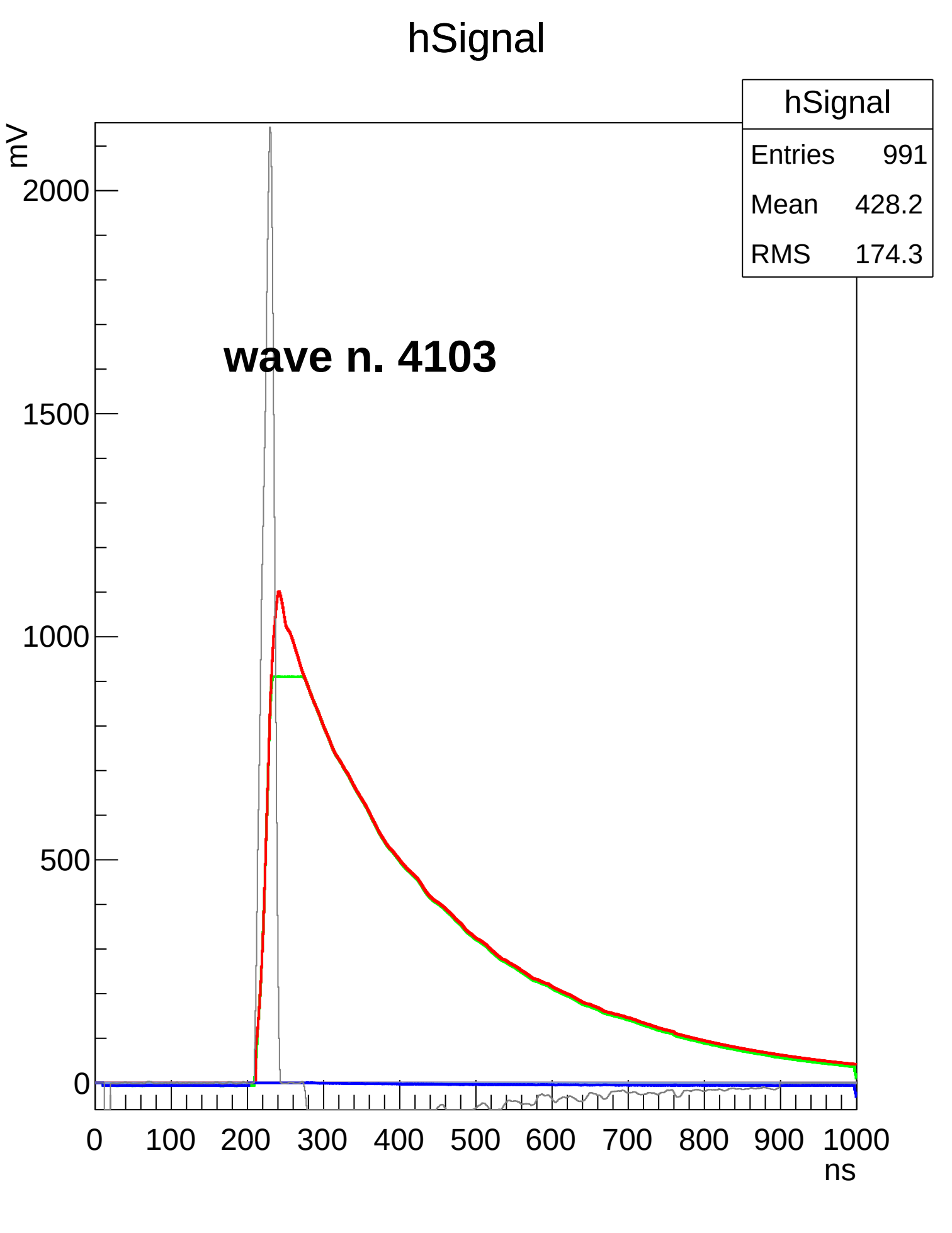
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 428.2
RMS 174.3
wave n. 4103
mV
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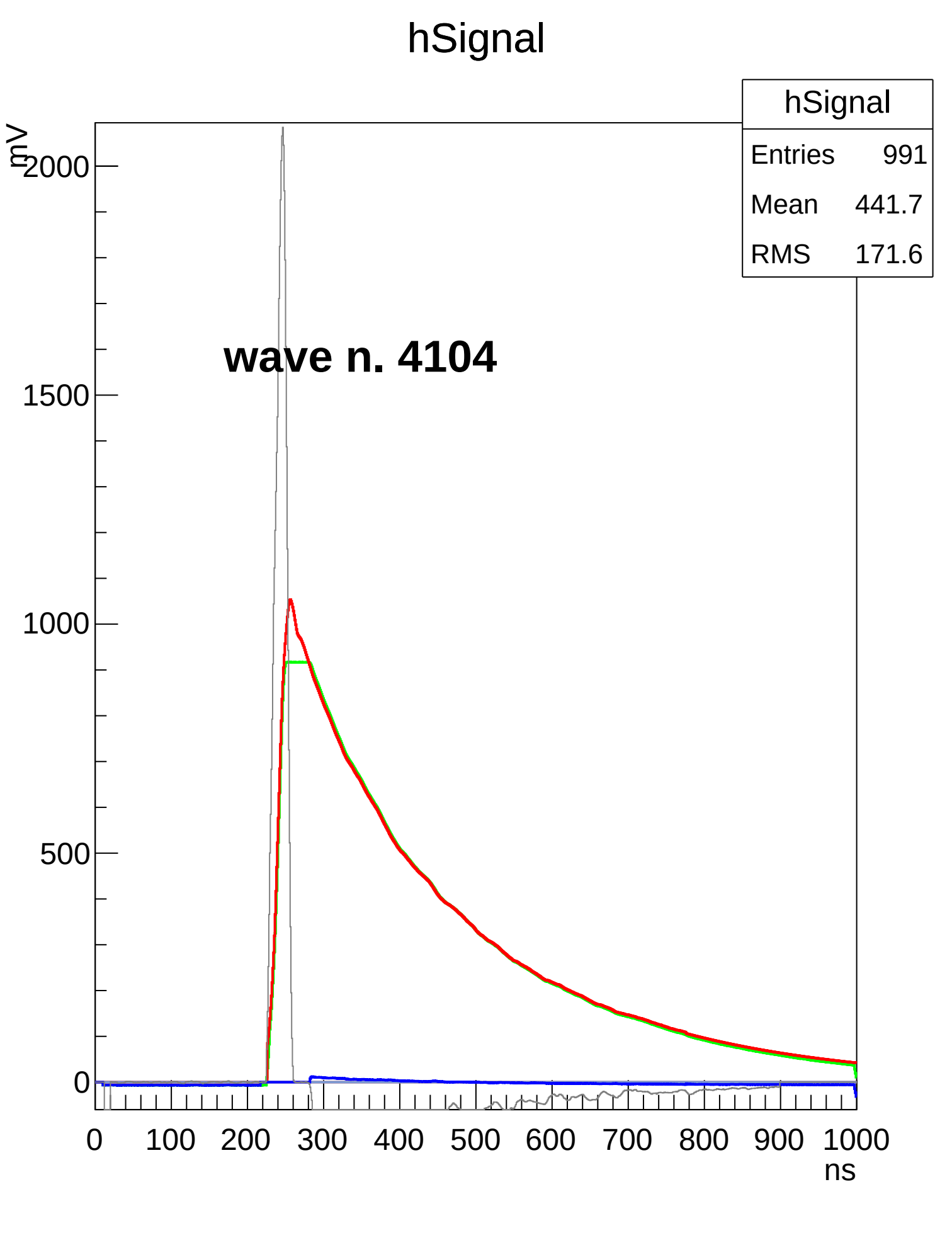
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 441.7
RMS 171.6
wave n. 4104
mV
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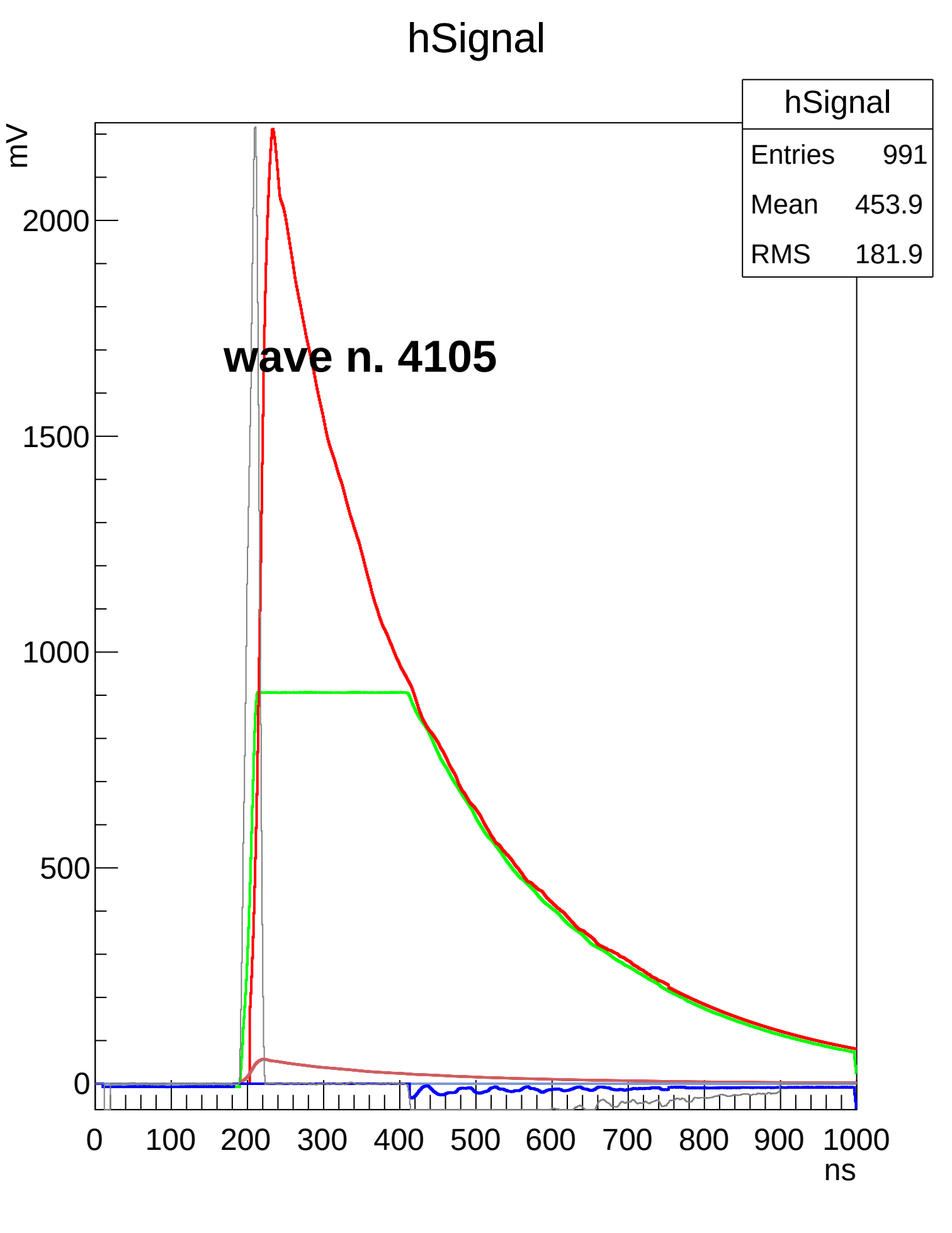
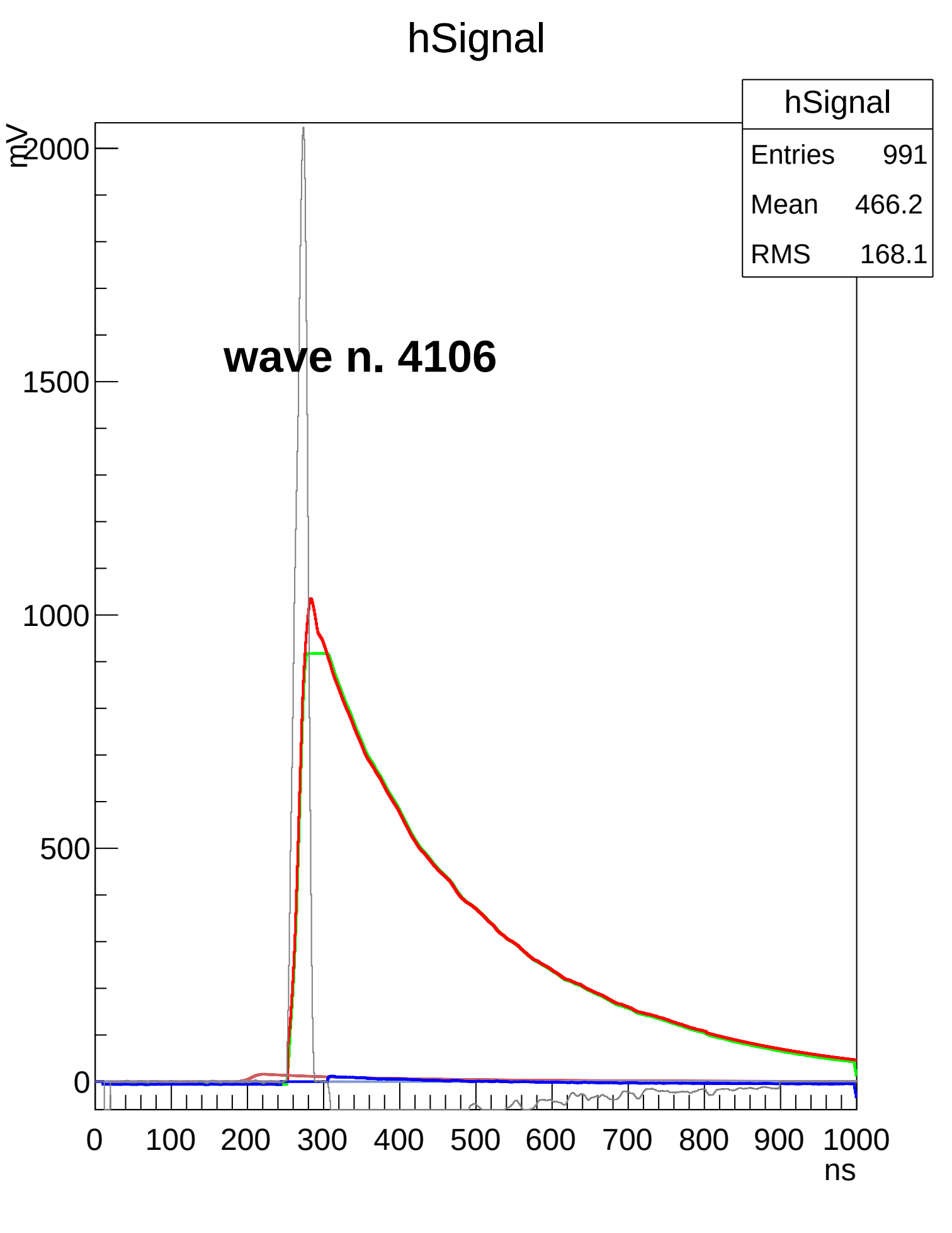
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 453.9
RMS 181.9
wave n. 4105
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 466.2
RMS 168.1
wave n. 4106
mV
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1500
1000
500
0
0
100
200
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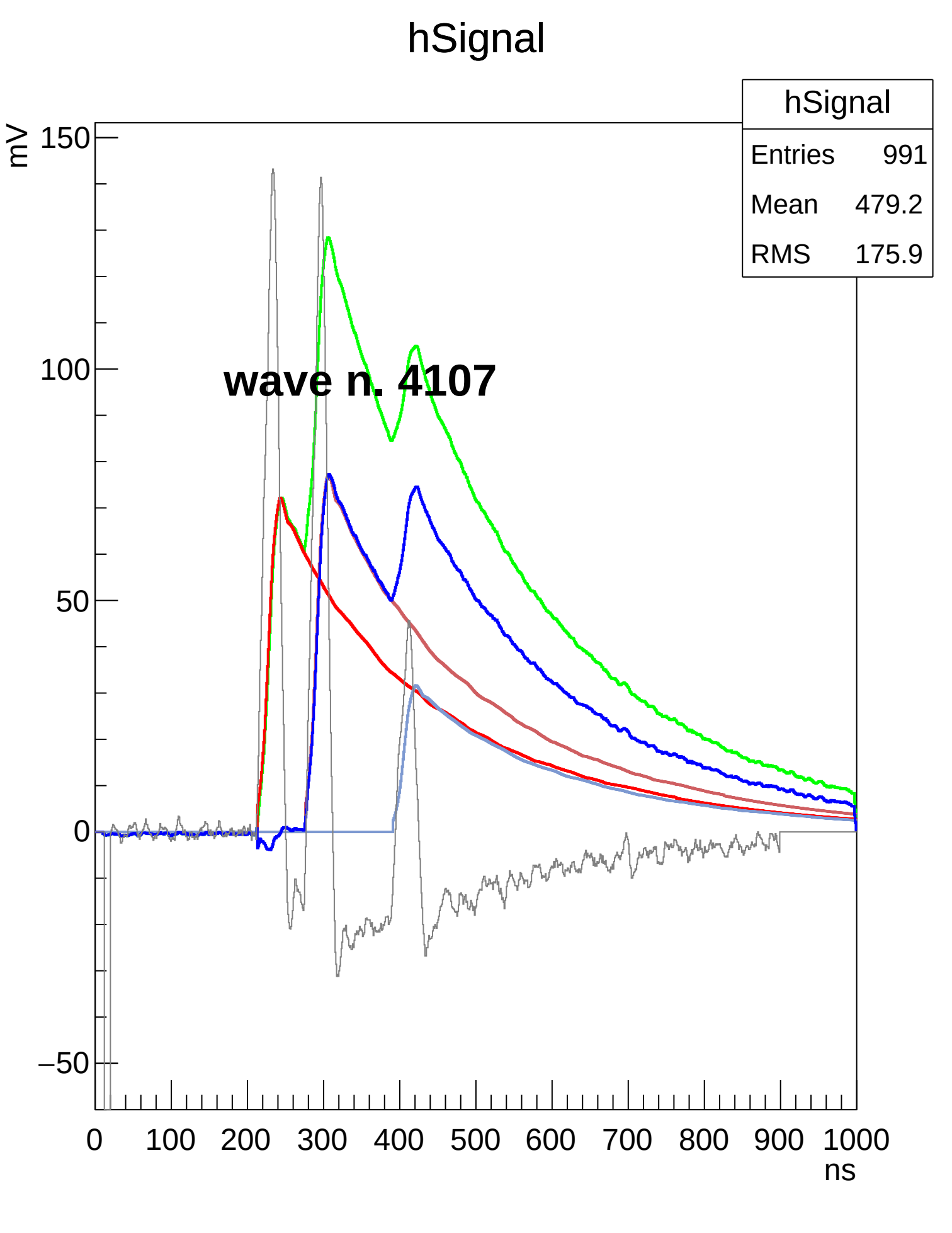
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 479.2
RMS 175.9
wave n. 4107
mV
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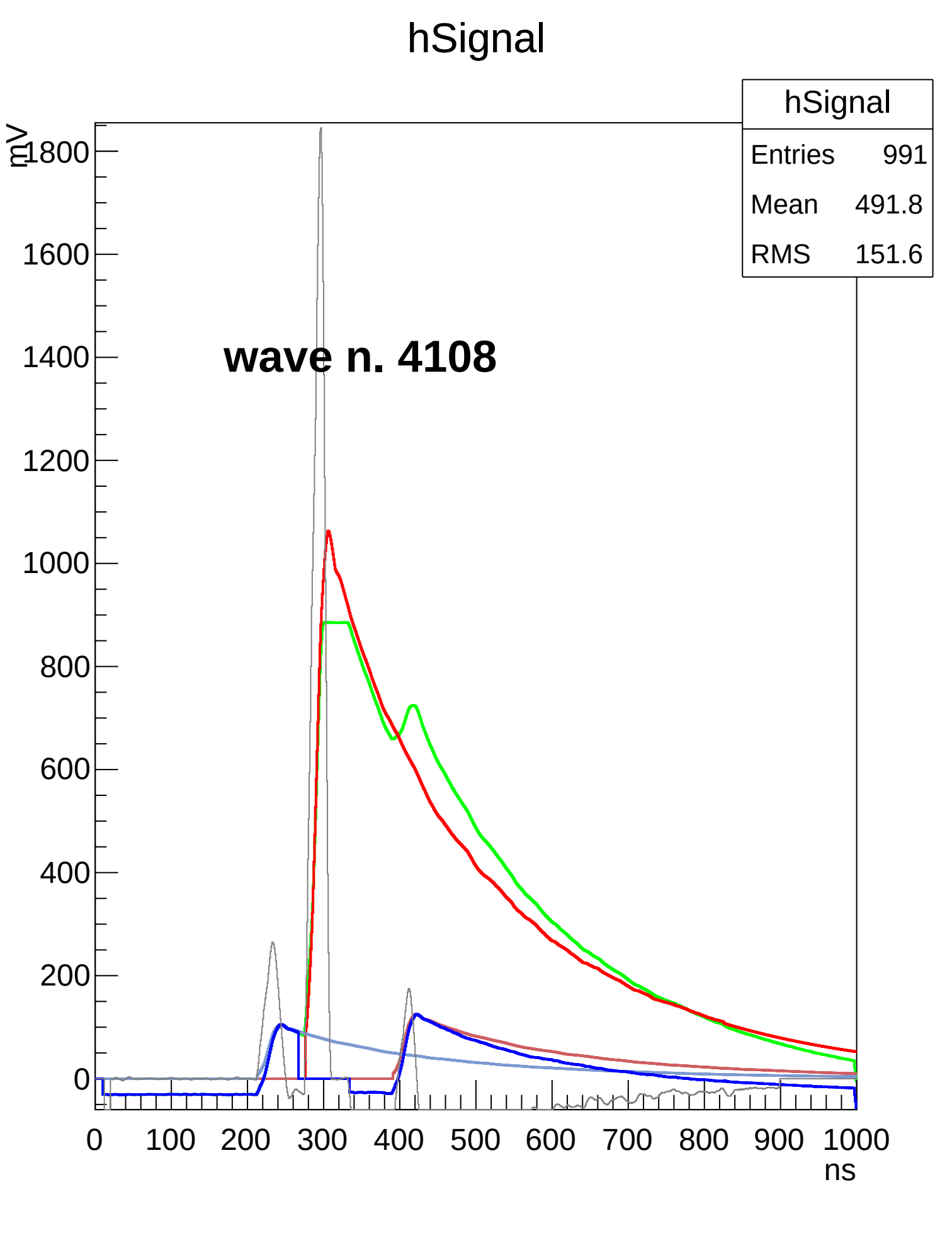
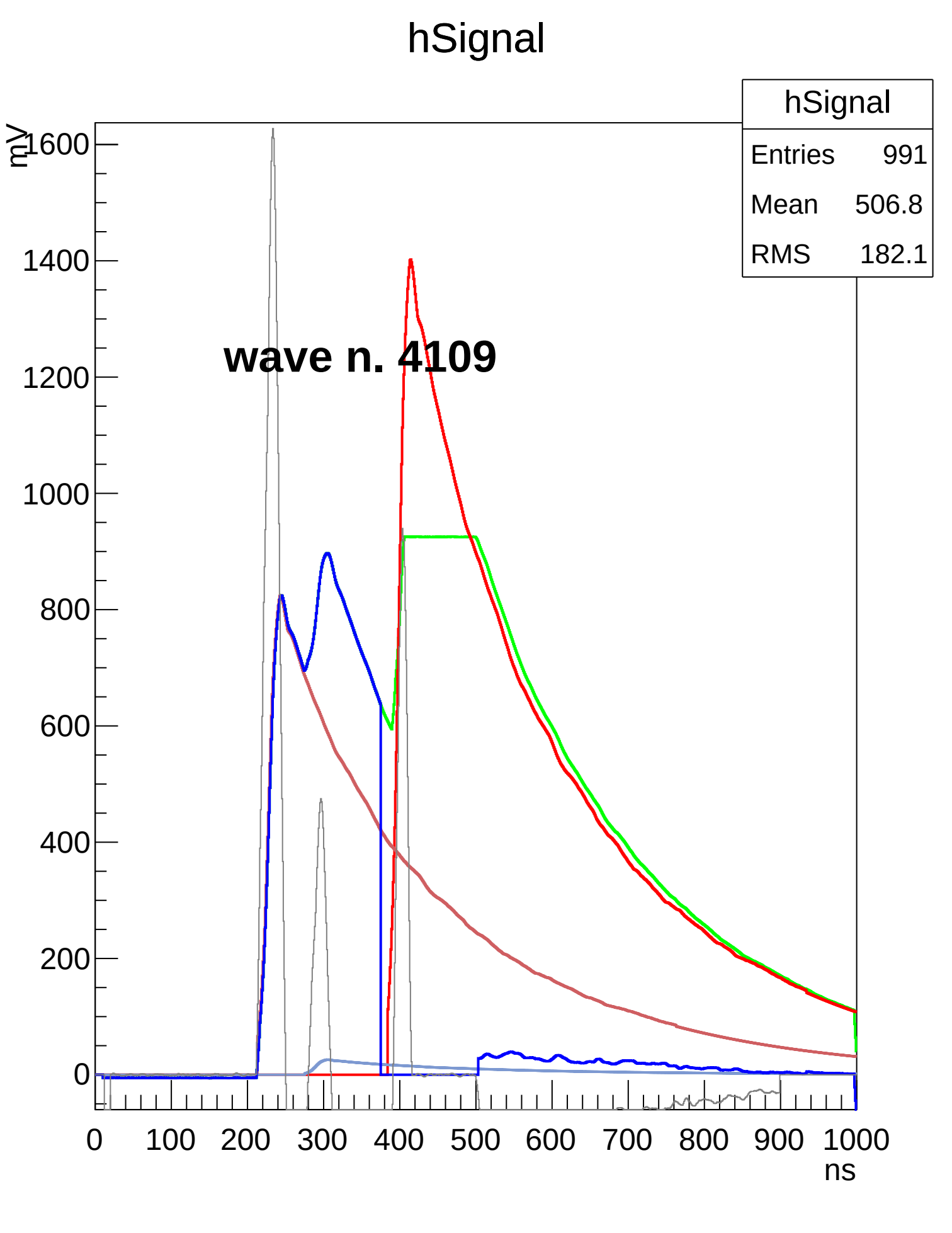
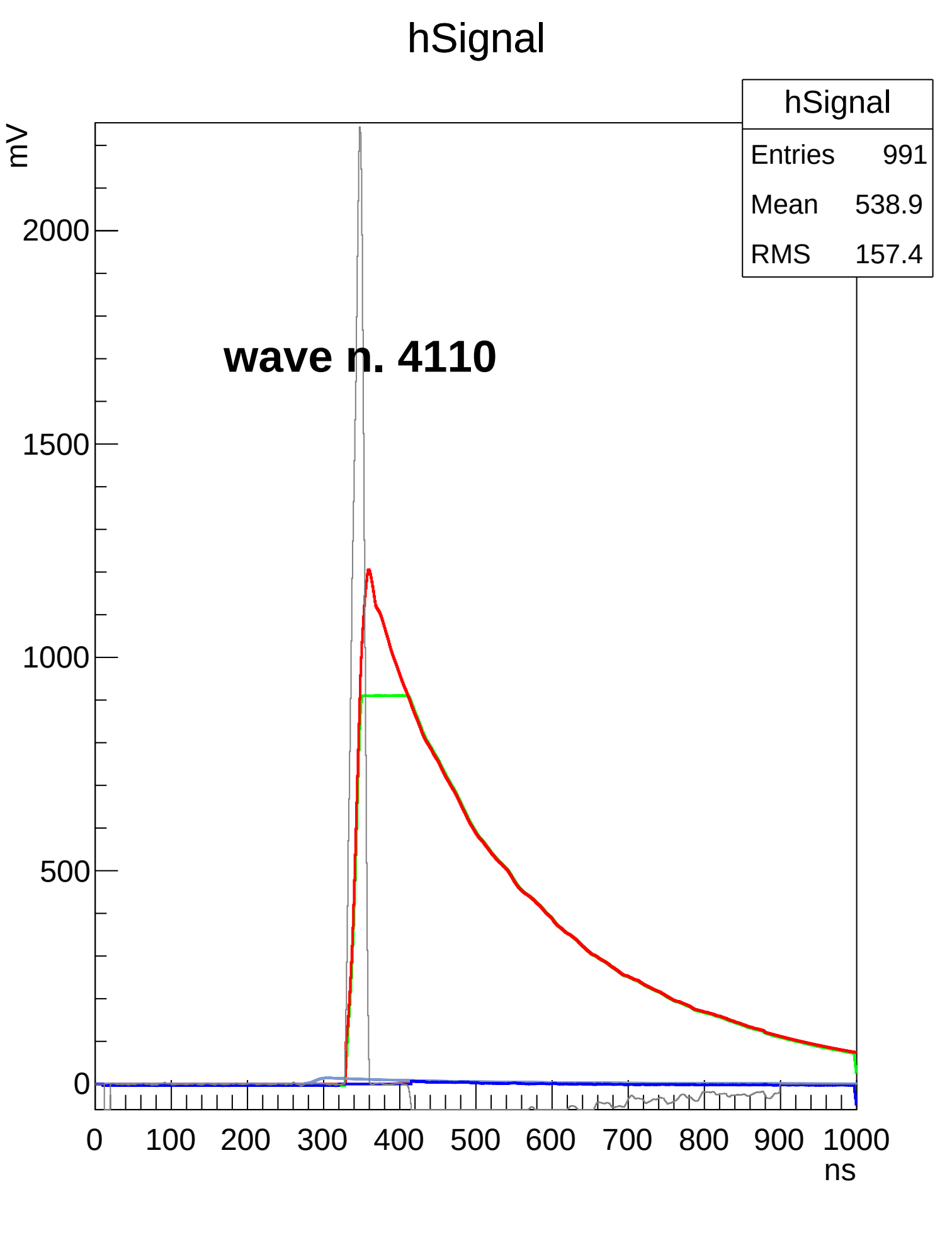
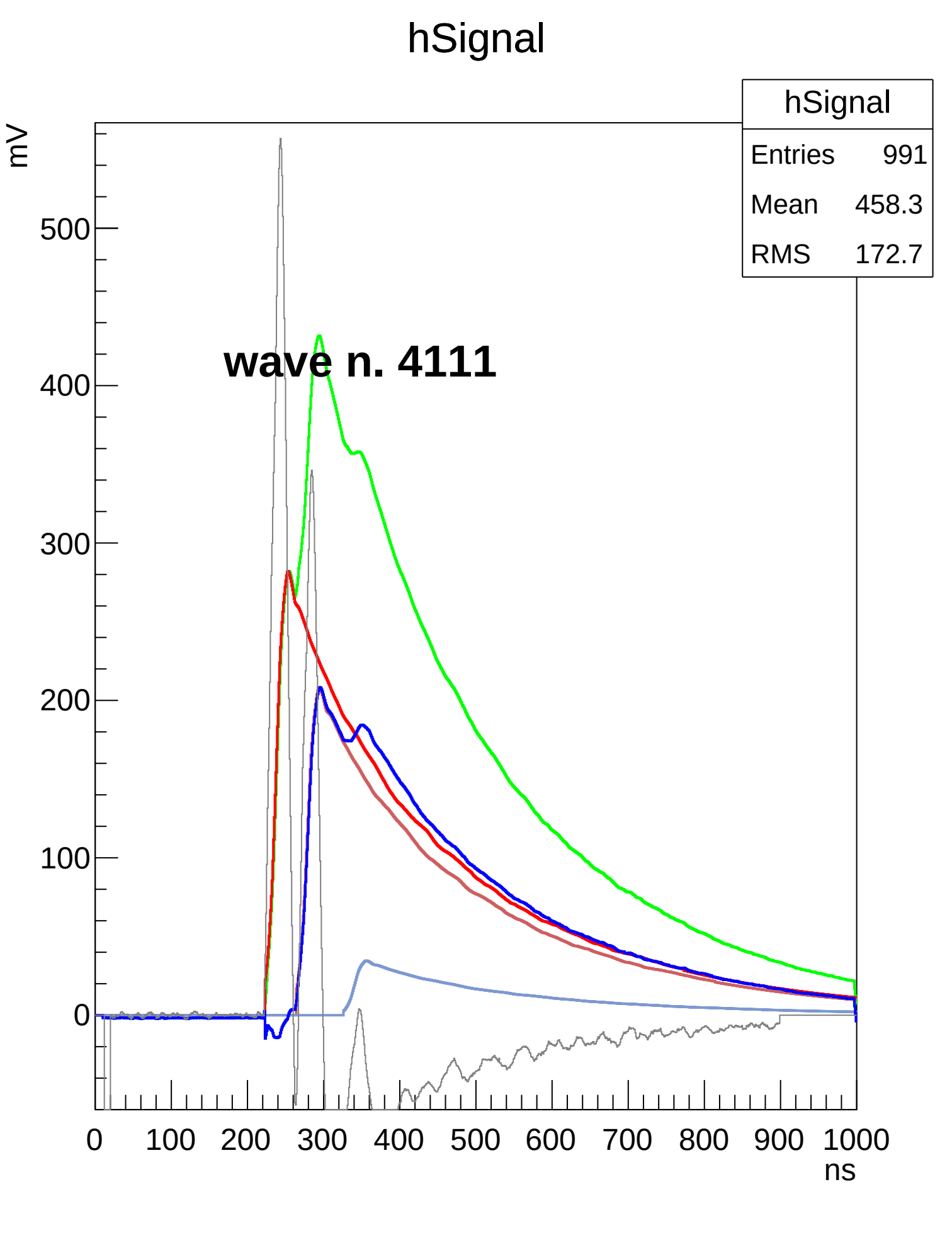
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 491.8
RMS 151.6
wave n. 4108
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 506.8
RMS 182.1
wave n. 4109
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 538.9
RMS 157.4
wave n. 4110
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 458.3
RMS 172.7
wave n. 4111
mV
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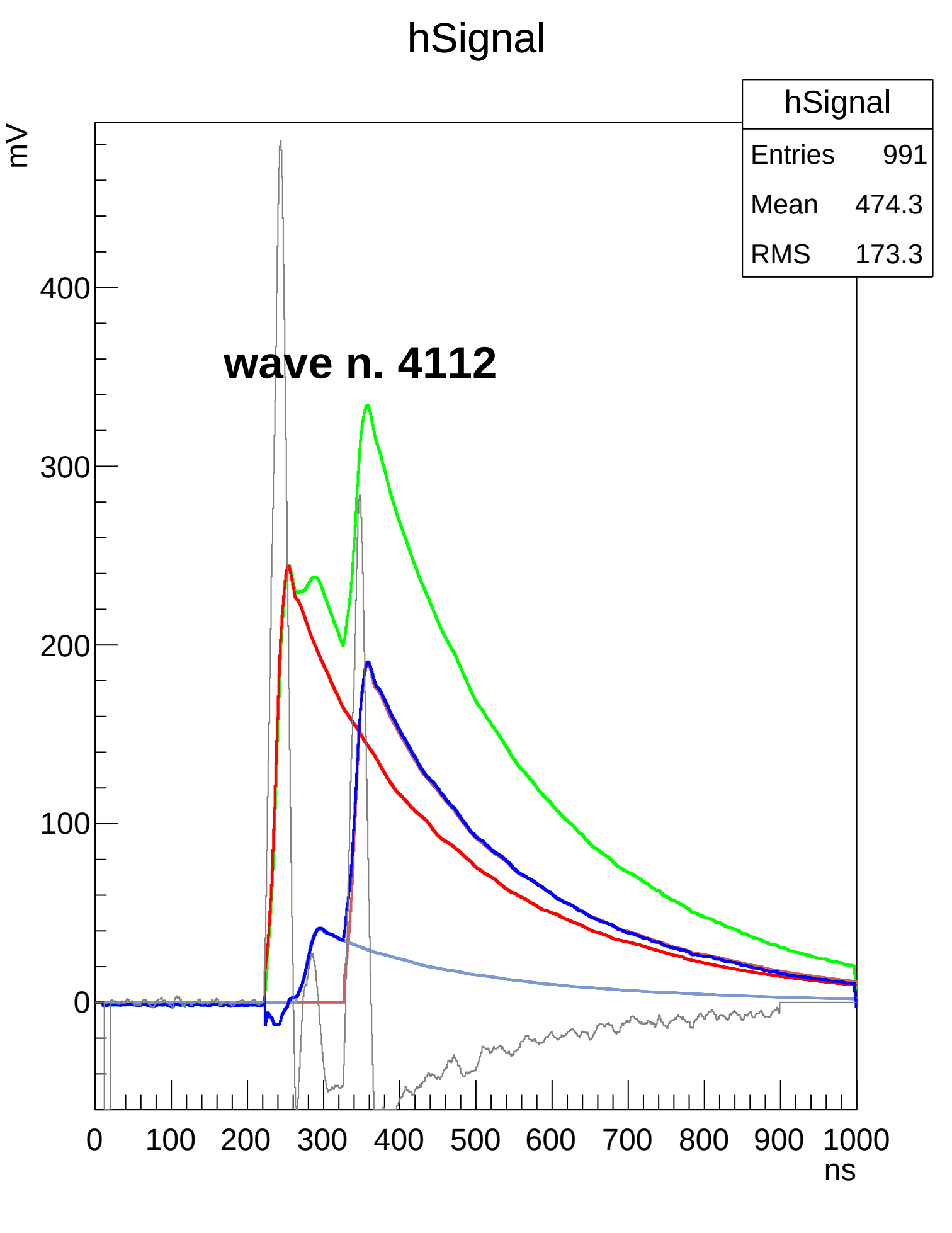
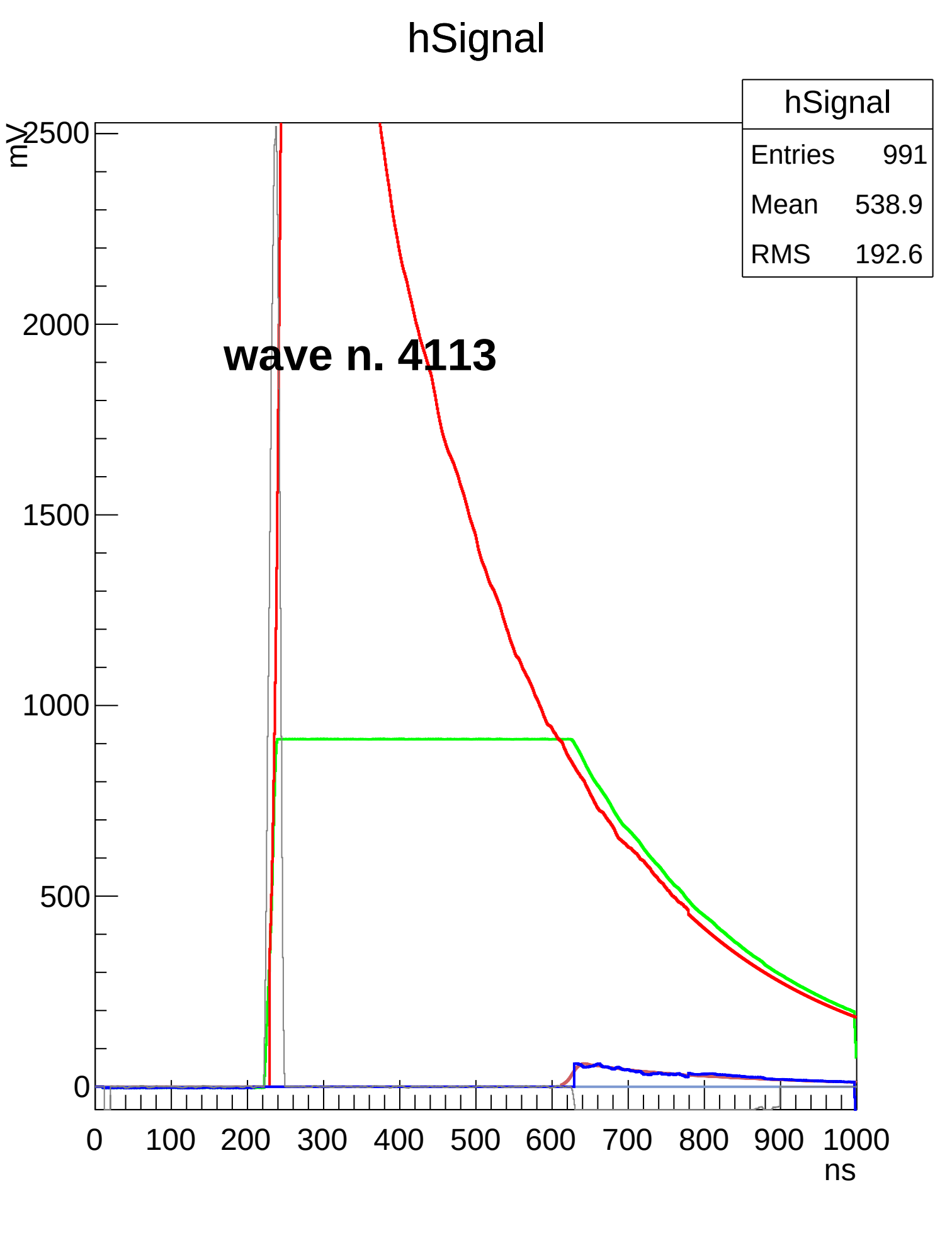
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 474.3
RMS 173.3
wave n. 4112
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 538.9
RMS 192.6
wave n. 4113
mV
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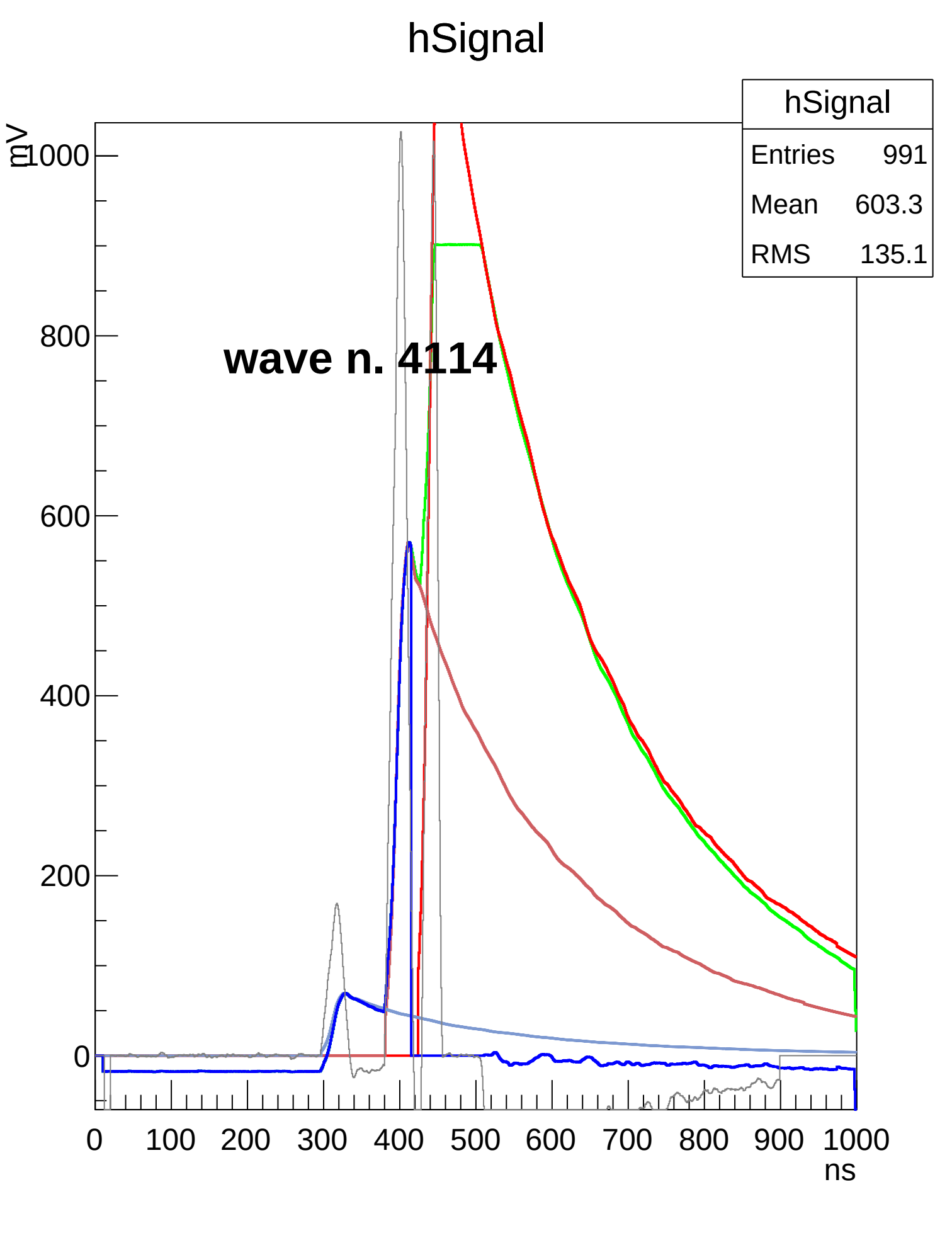
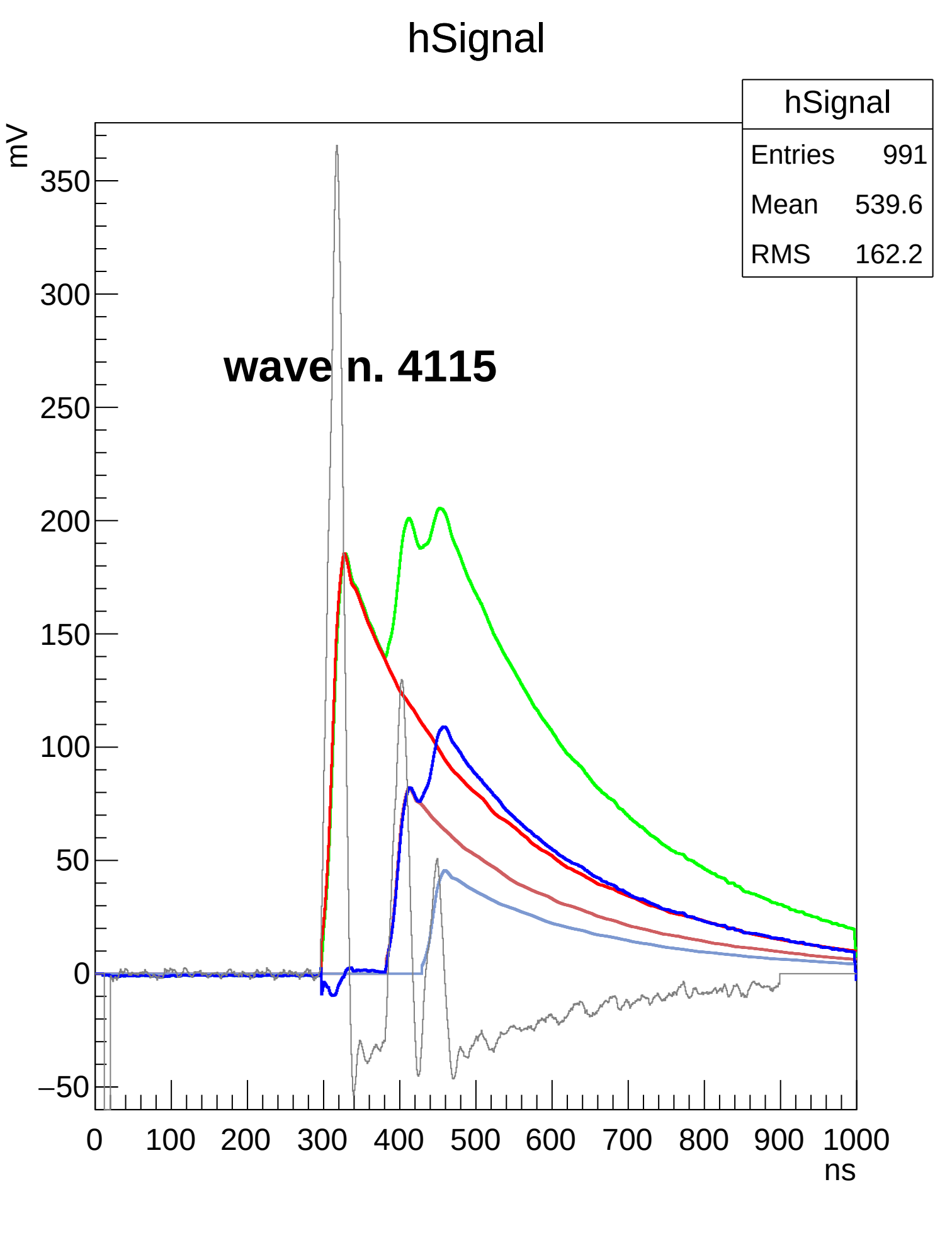
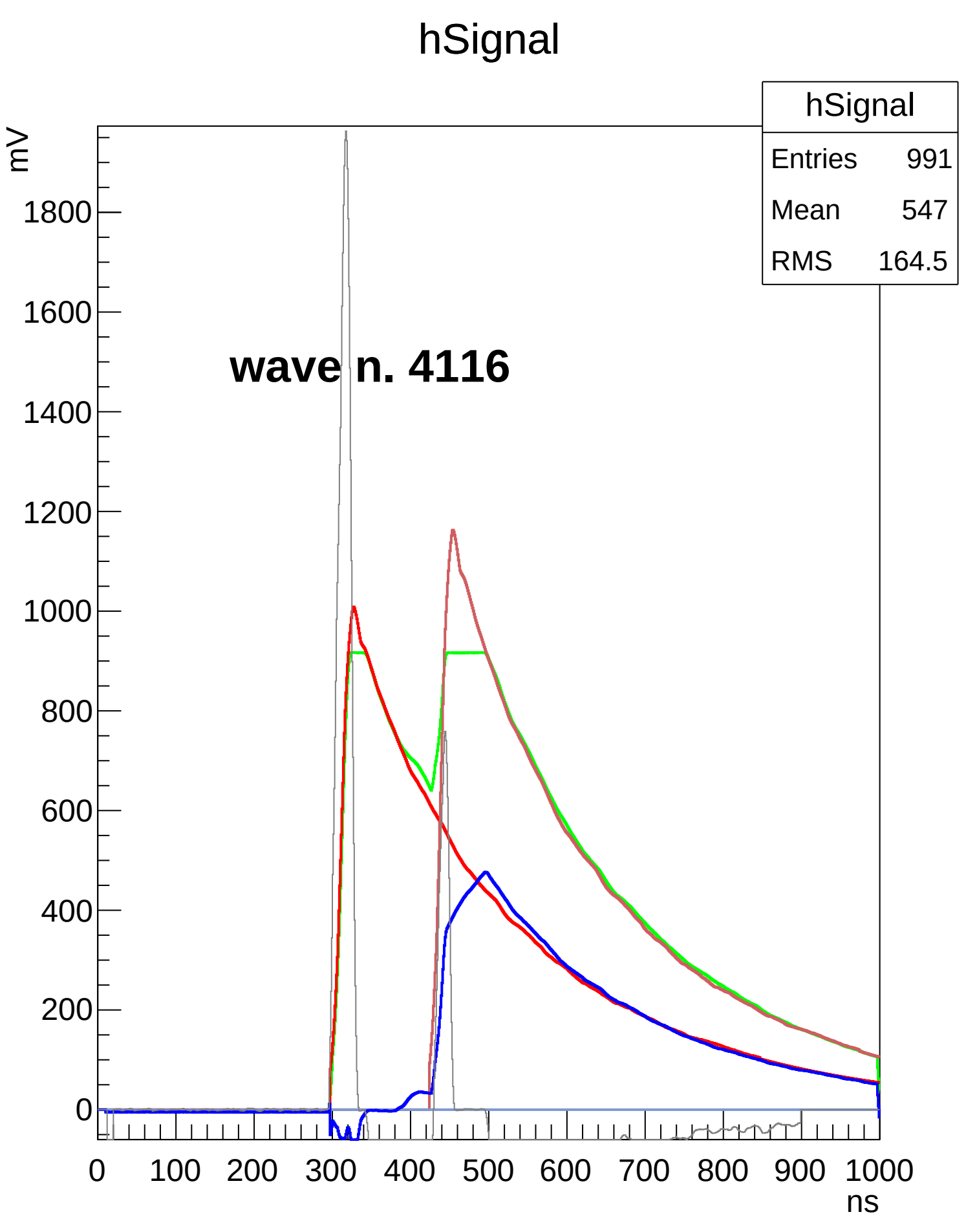
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 603.3
RMS 135.1
wave n. 4114
mV
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 539.6
RMS 162.2
wave n. 4115
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 547
RMS 164.5
wave n. 4116
mV
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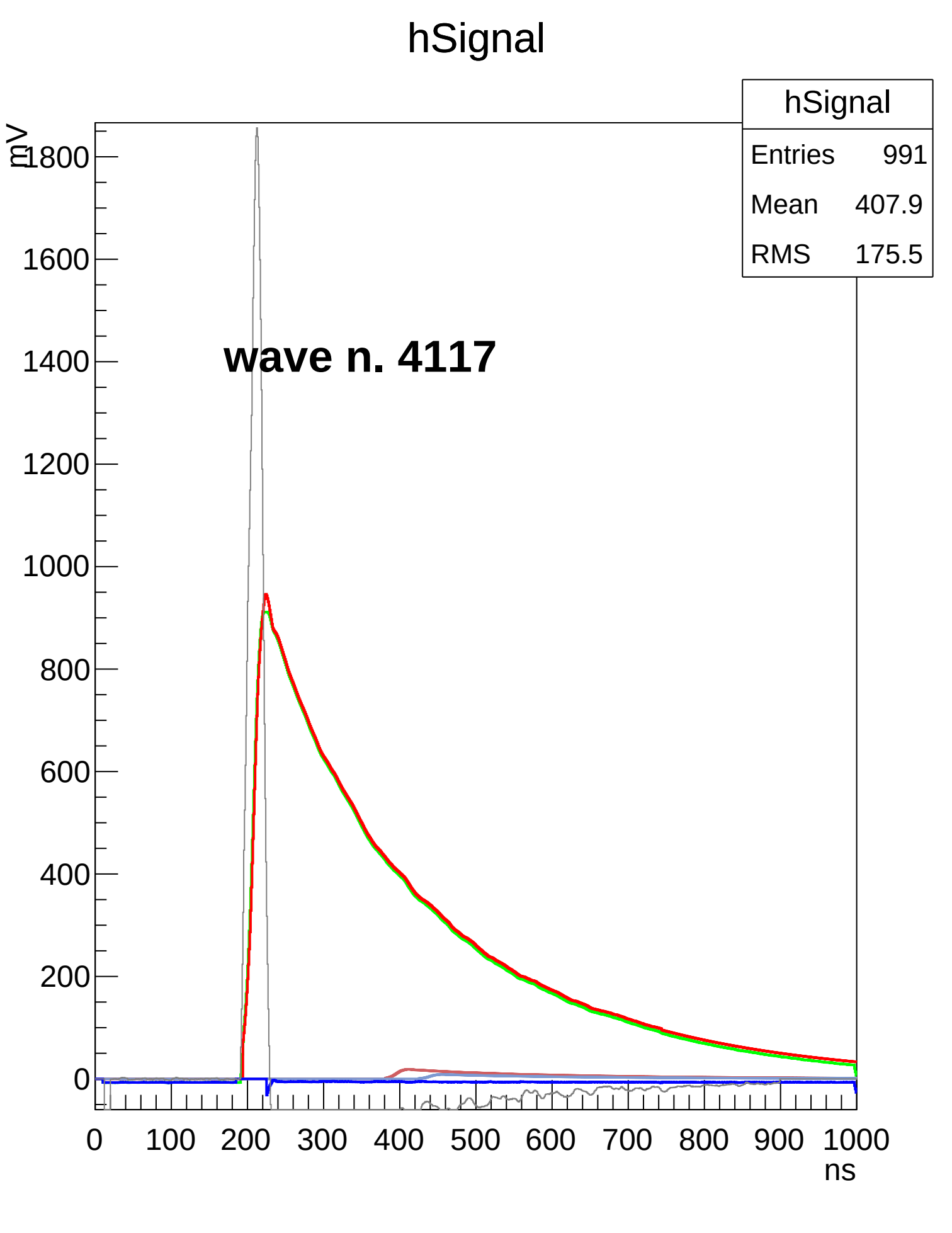
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 407.9
RMS 175.5
wave n. 4117
mV
1800
1600
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1200
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600
400
200
0
0
100
200
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400
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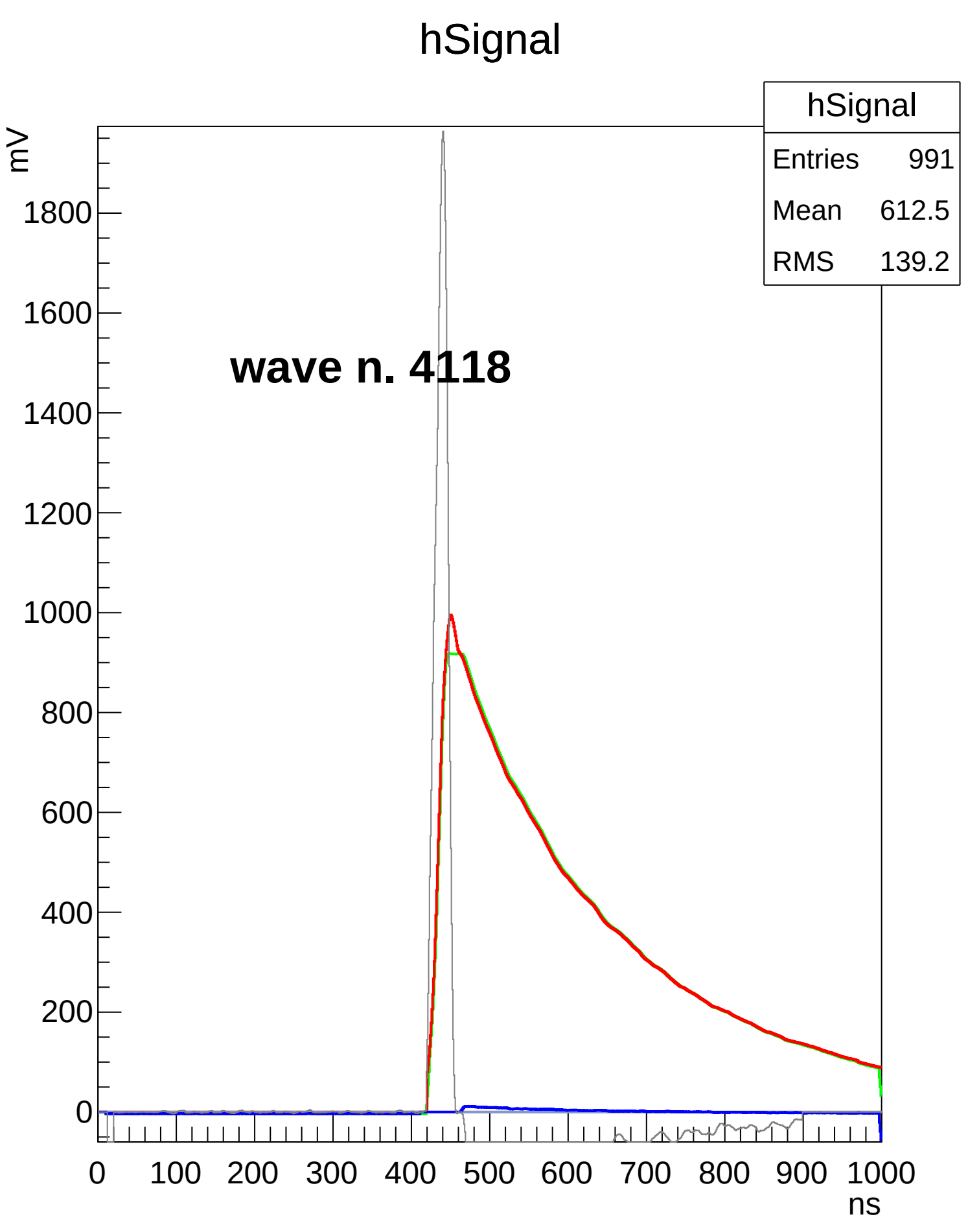
1000
ns


hSignal
hSignal
Entries 991
Mean 612.5
RMS 139.2
wave n. 4118
mV
1800
1600
1400
1200
1000
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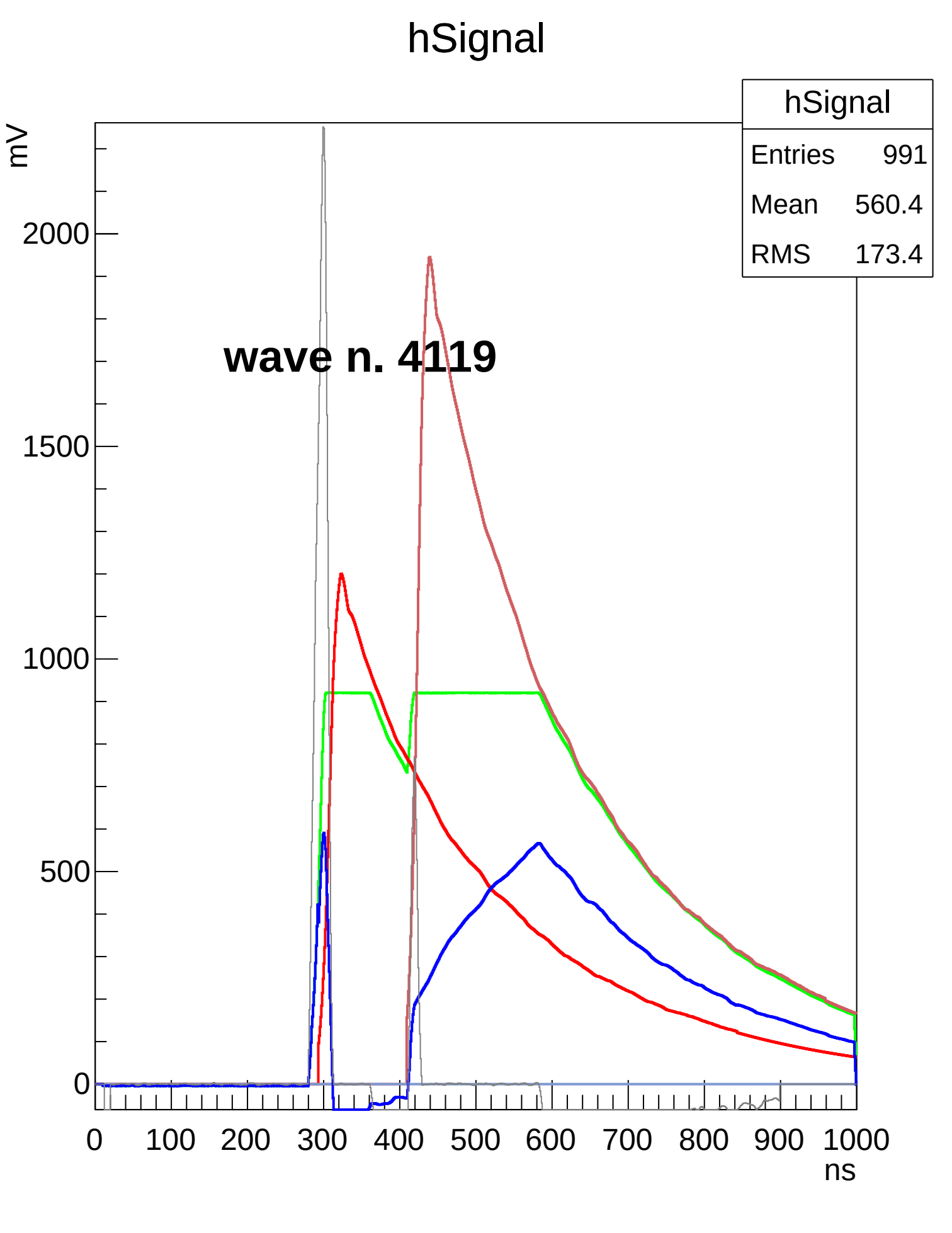
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.4
RMS 173.4
wave n. 4119
mV
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1500
1000
500
0
0
100
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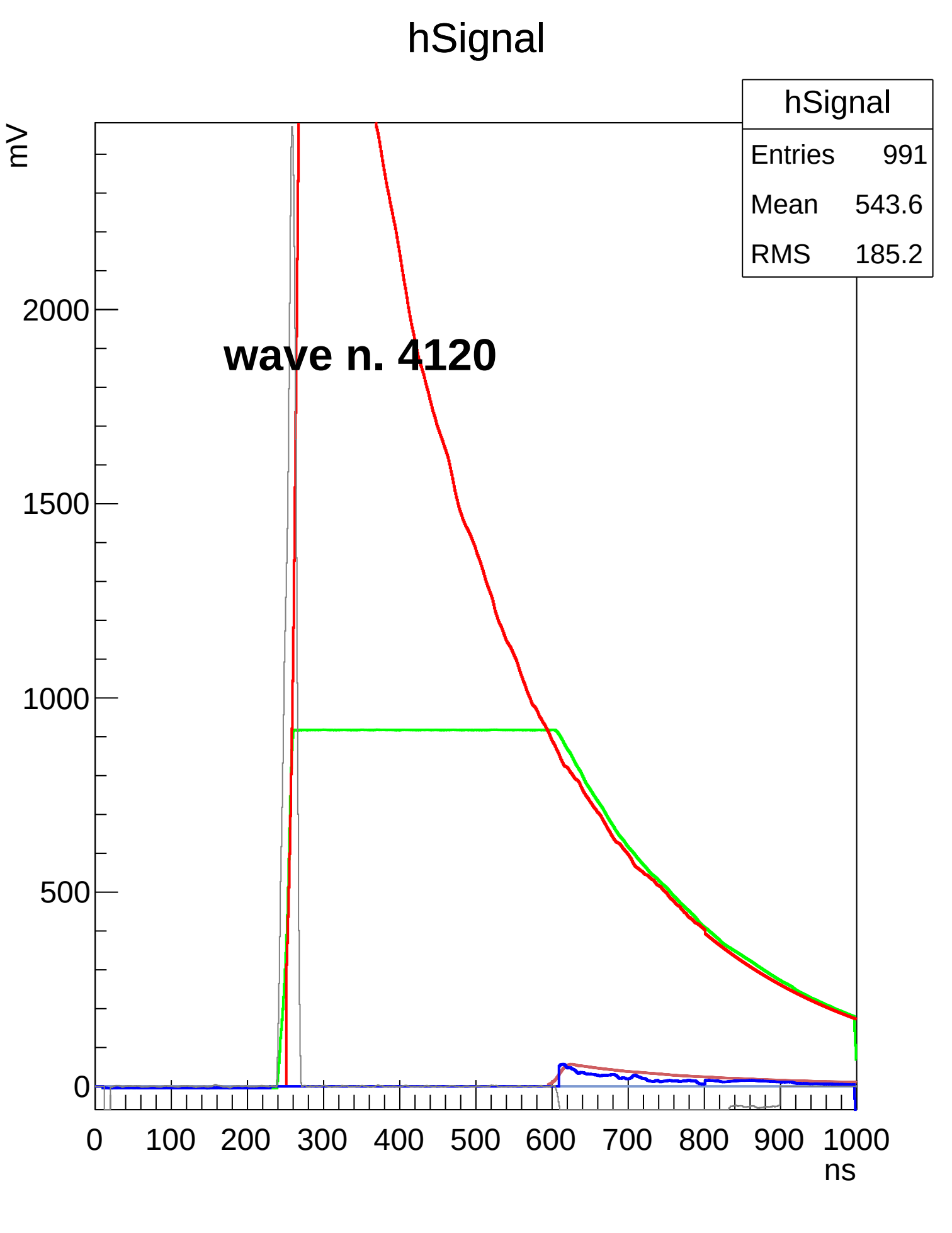
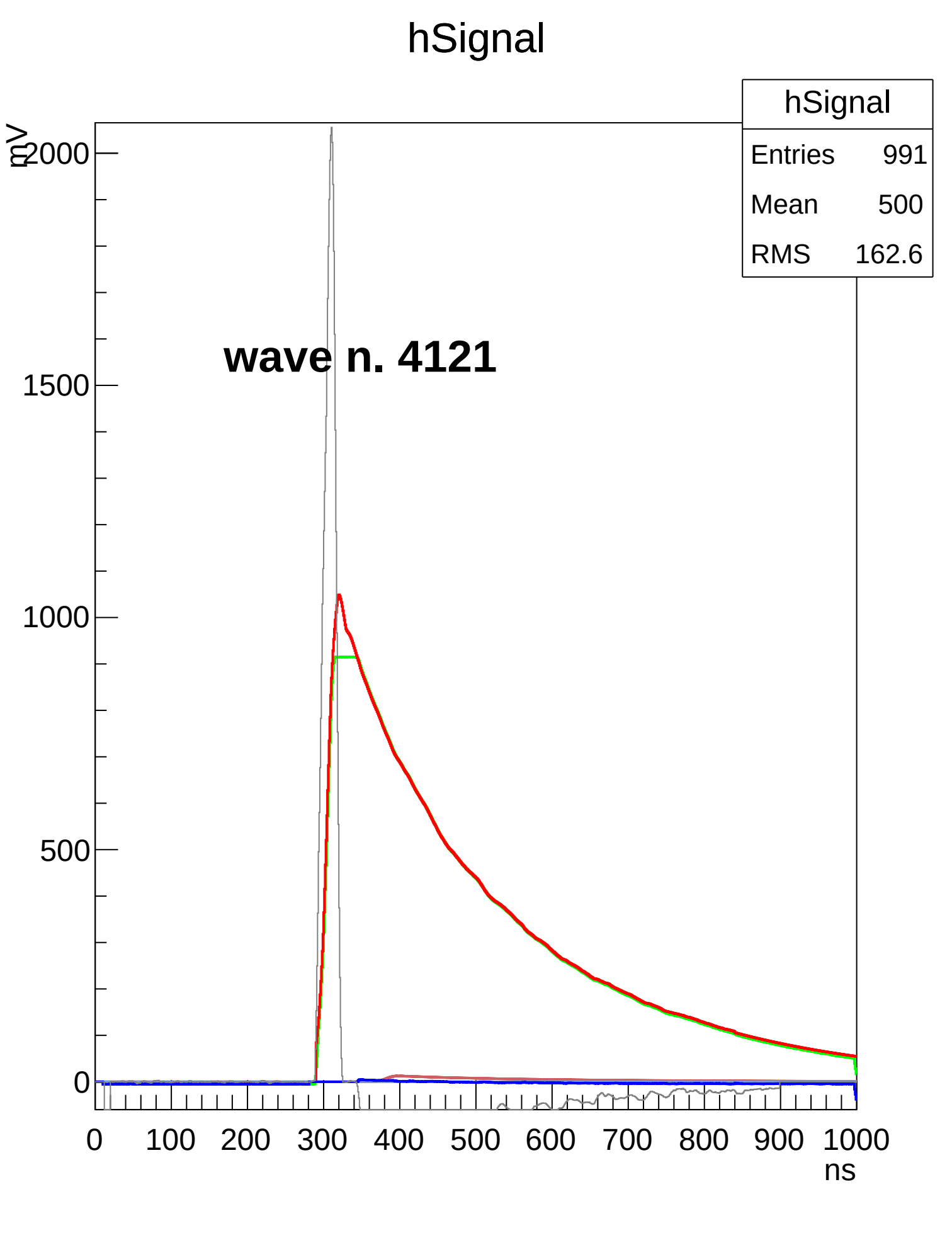
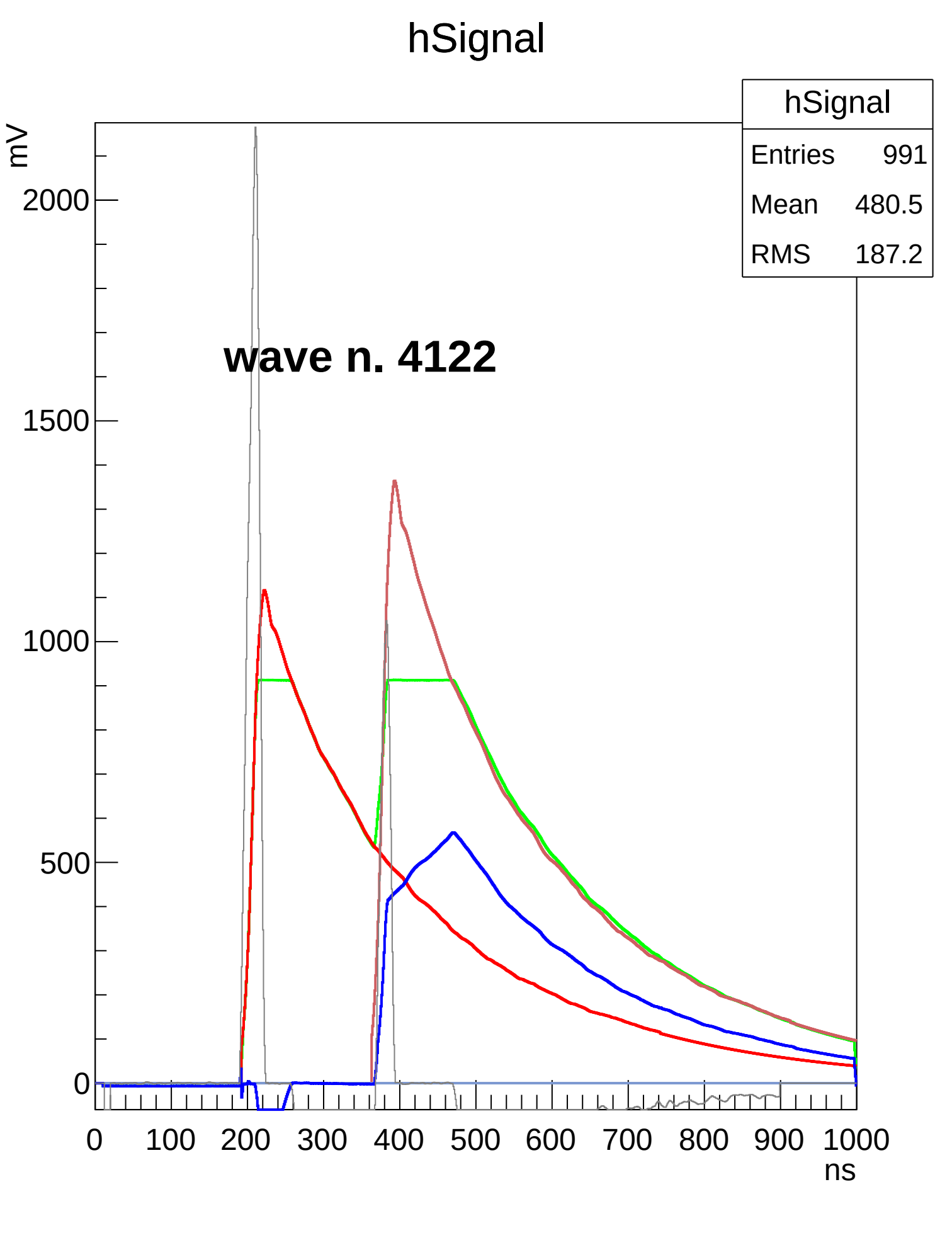
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 543.6
RMS 185.2
wave n. 4120
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 500
RMS 162.6
wave n. 4121
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 480.5
RMS 187.2
wave n. 4122
mV
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1500
1000
500
0
0
100
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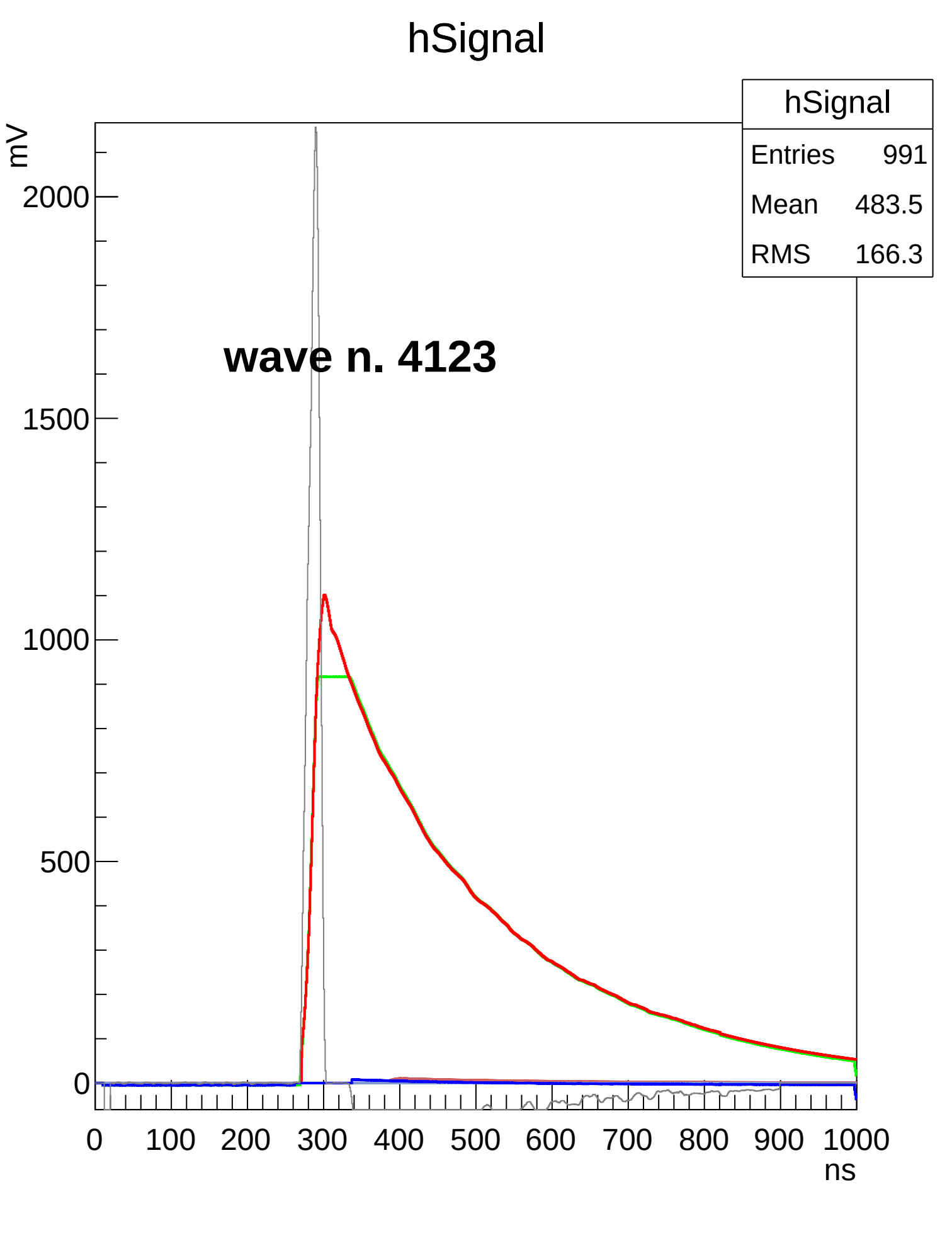
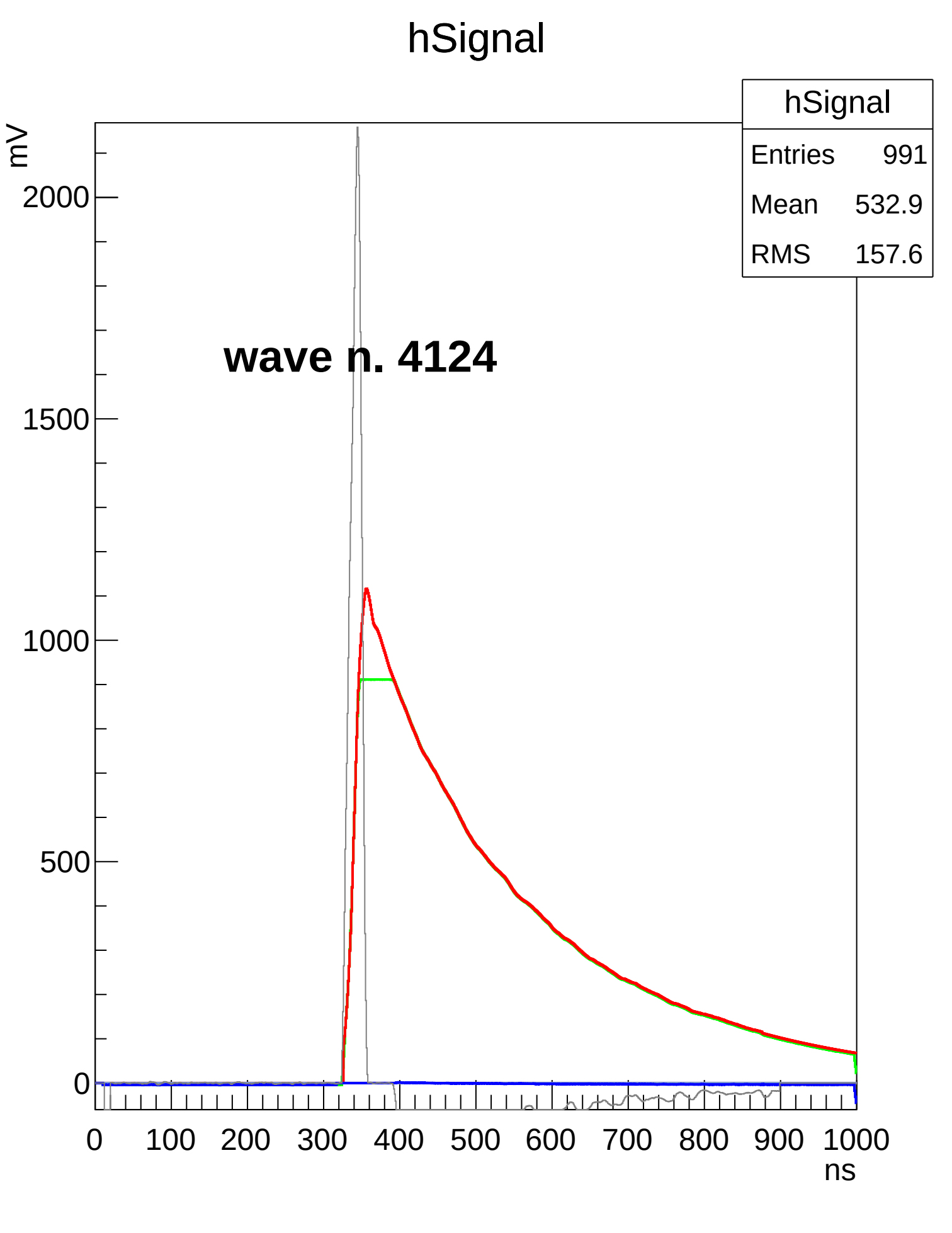
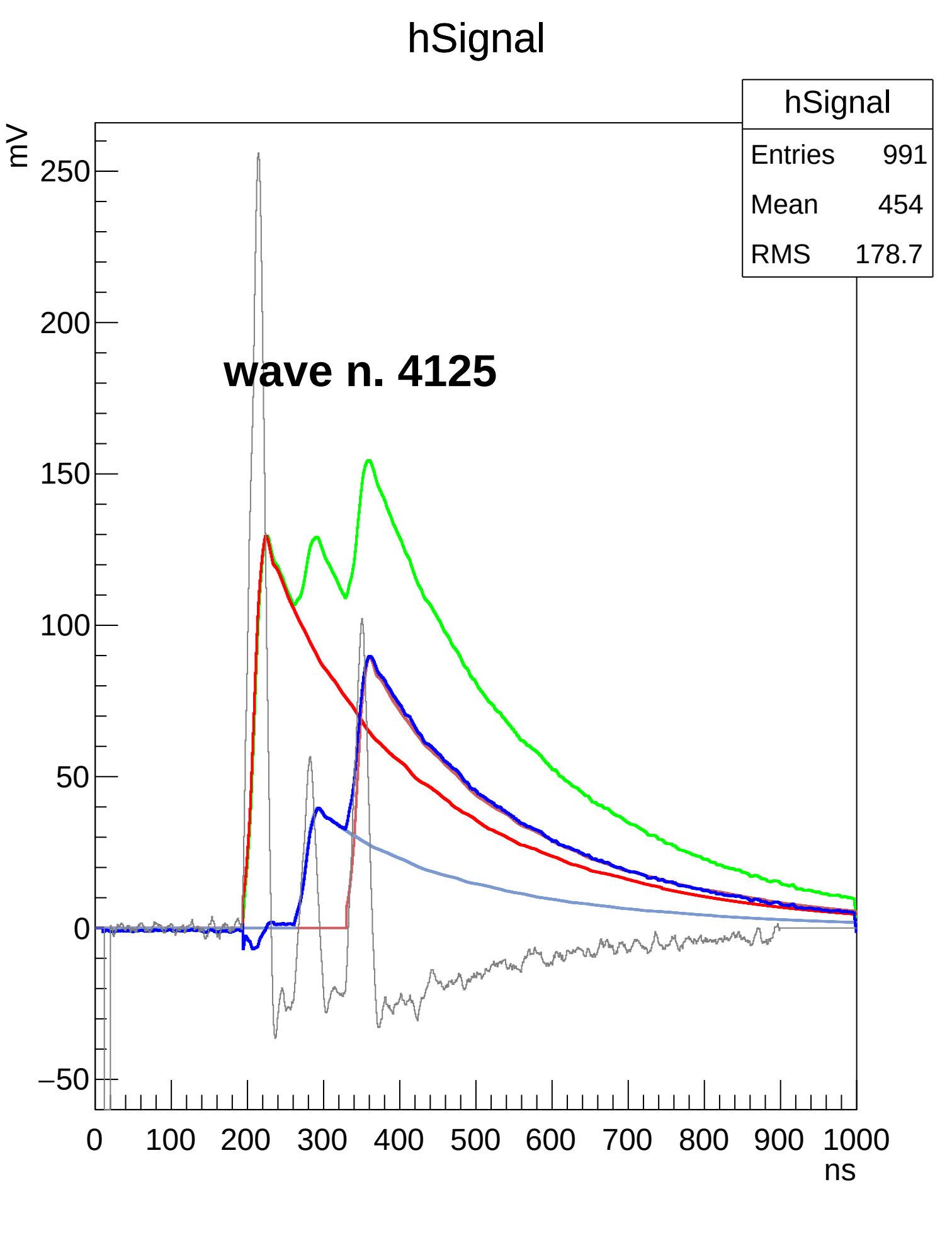
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 483.5
RMS 166.3
wave n. 4123
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 532.9
RMS 157.6
wave n. 4124
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 454
RMS 178.7
wave n. 4125
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
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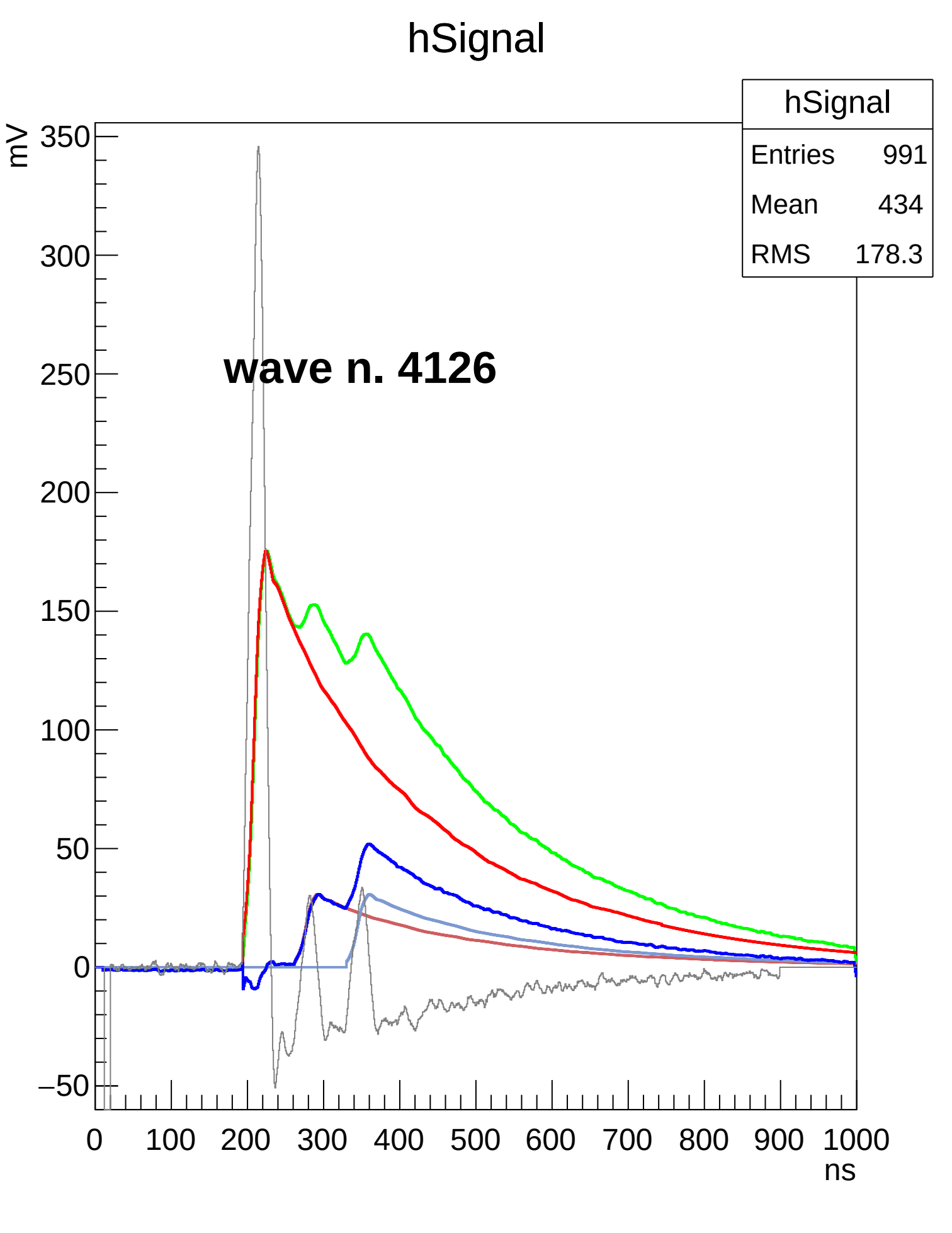
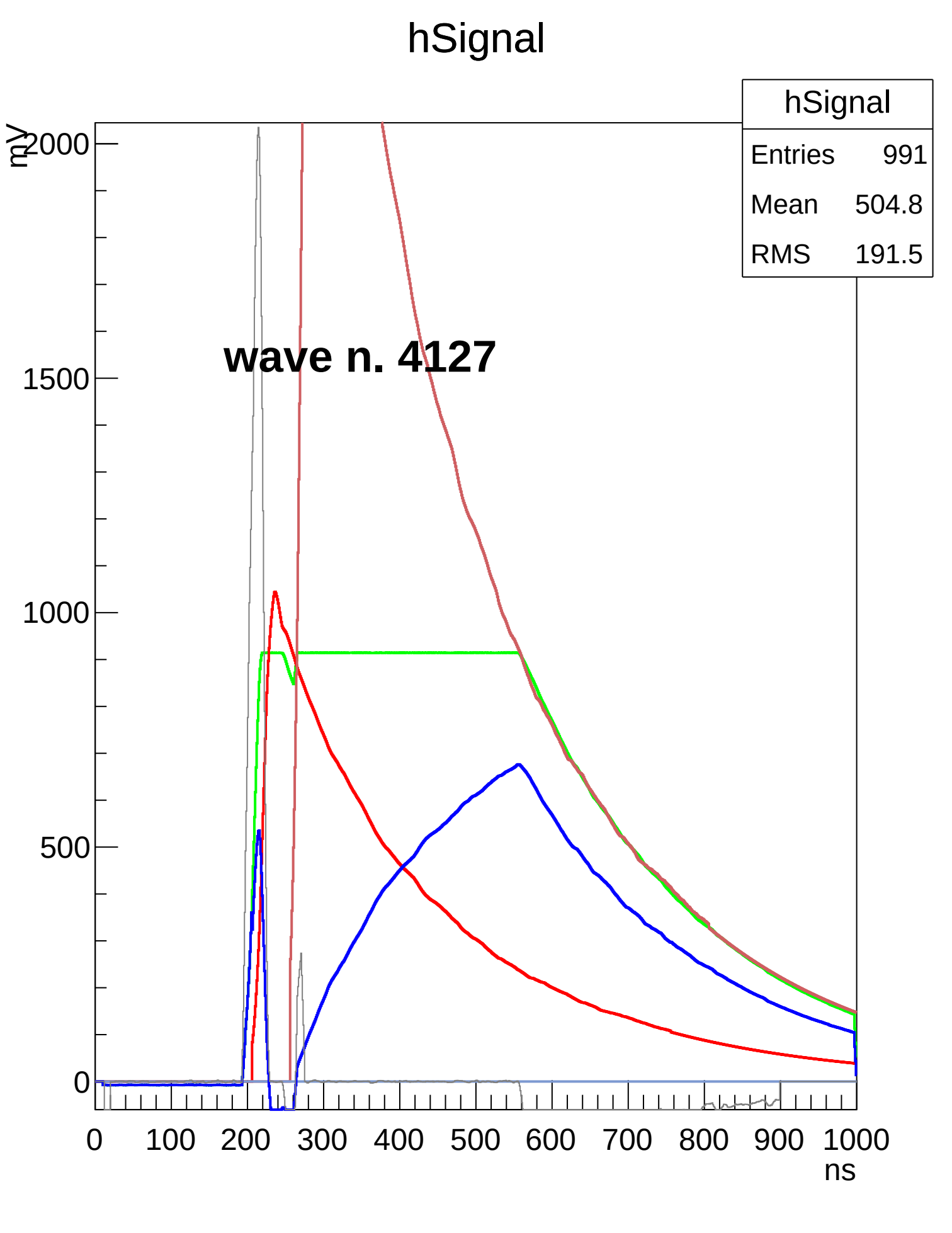
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 434
RMS 178.3
wave n. 4126
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.8
RMS 191.5
wave n. 4127
mV
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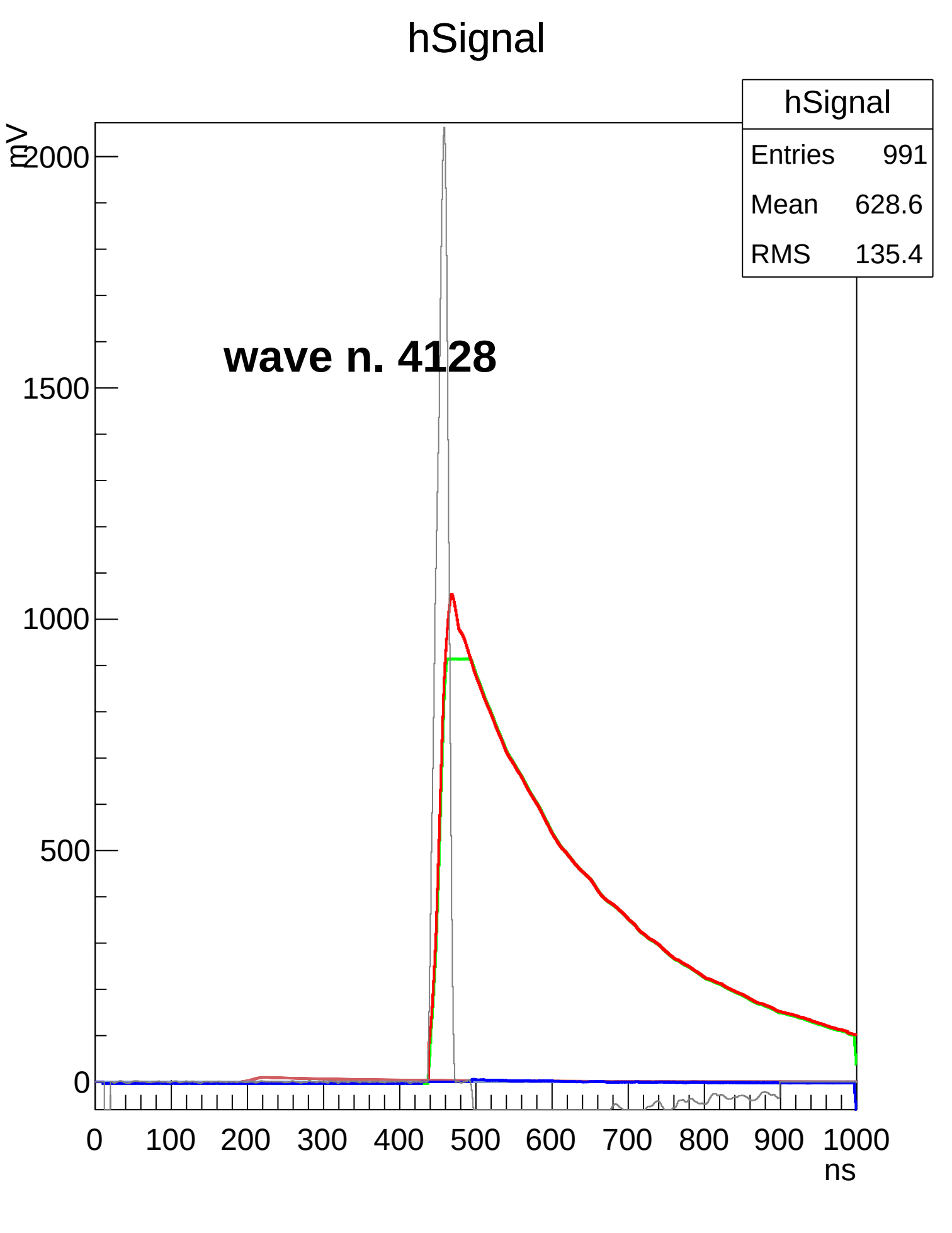
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 628.6
RMS 135.4
wave n. 4128
mV
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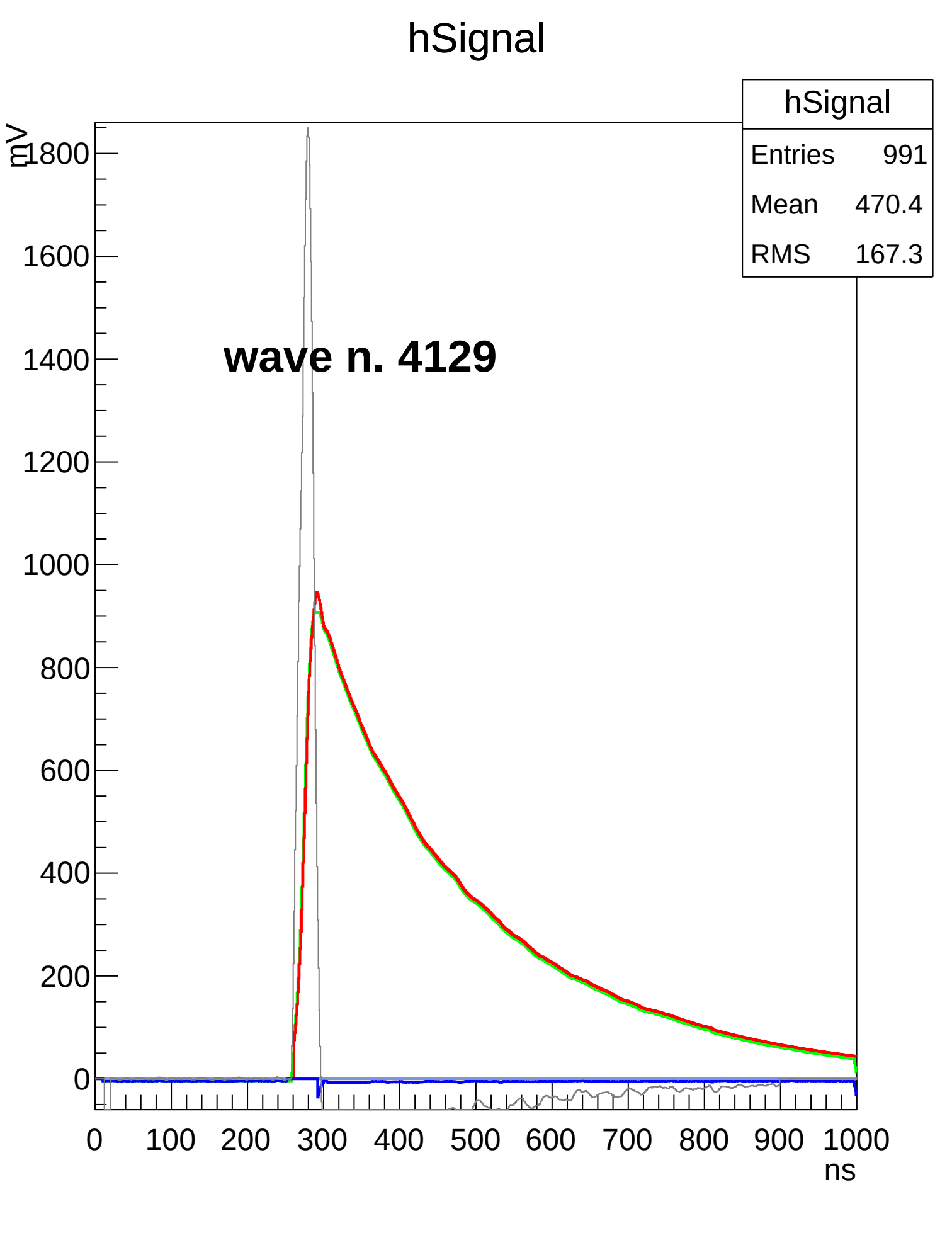
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 470.4
RMS 167.3
wave n. 4129
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
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400
500
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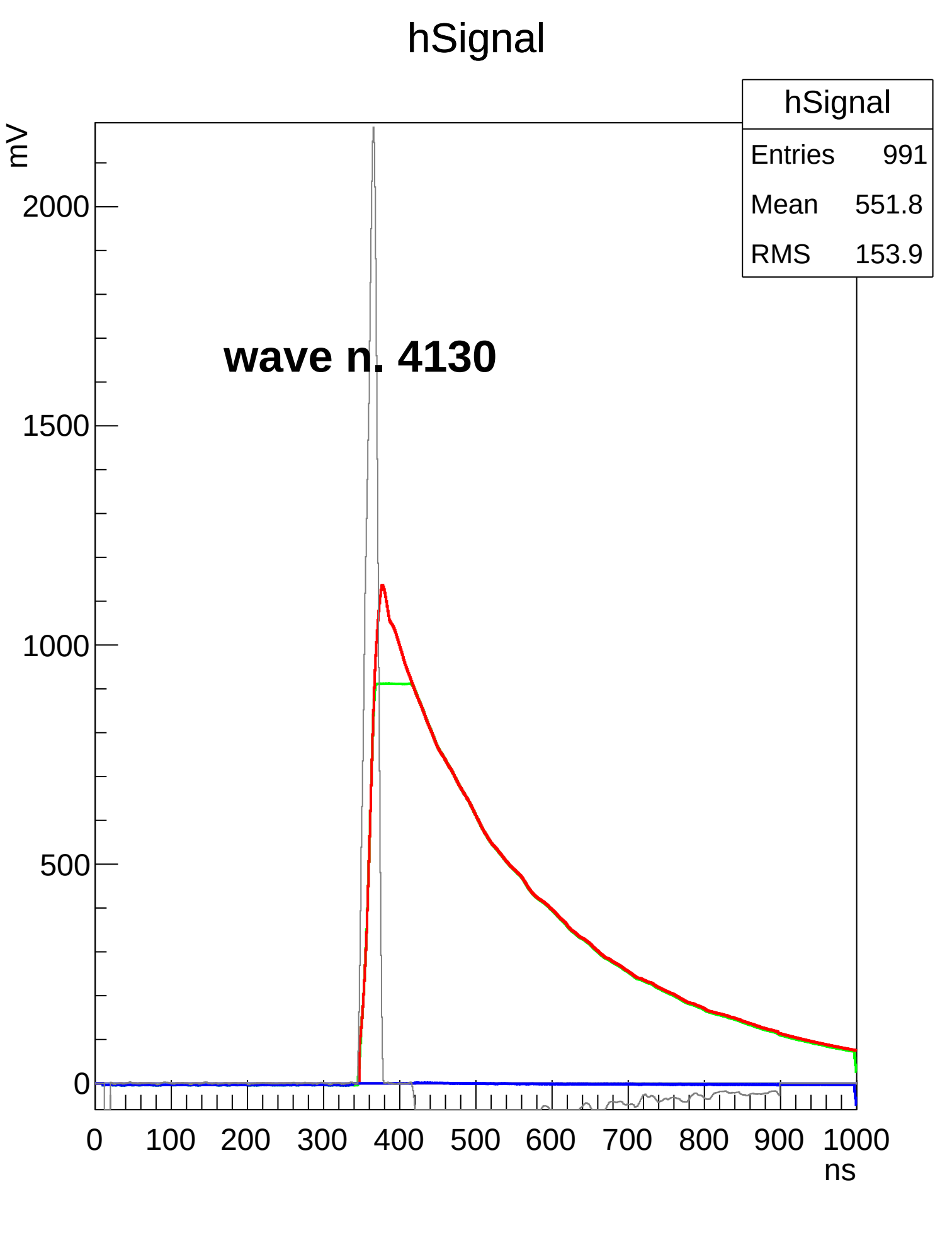
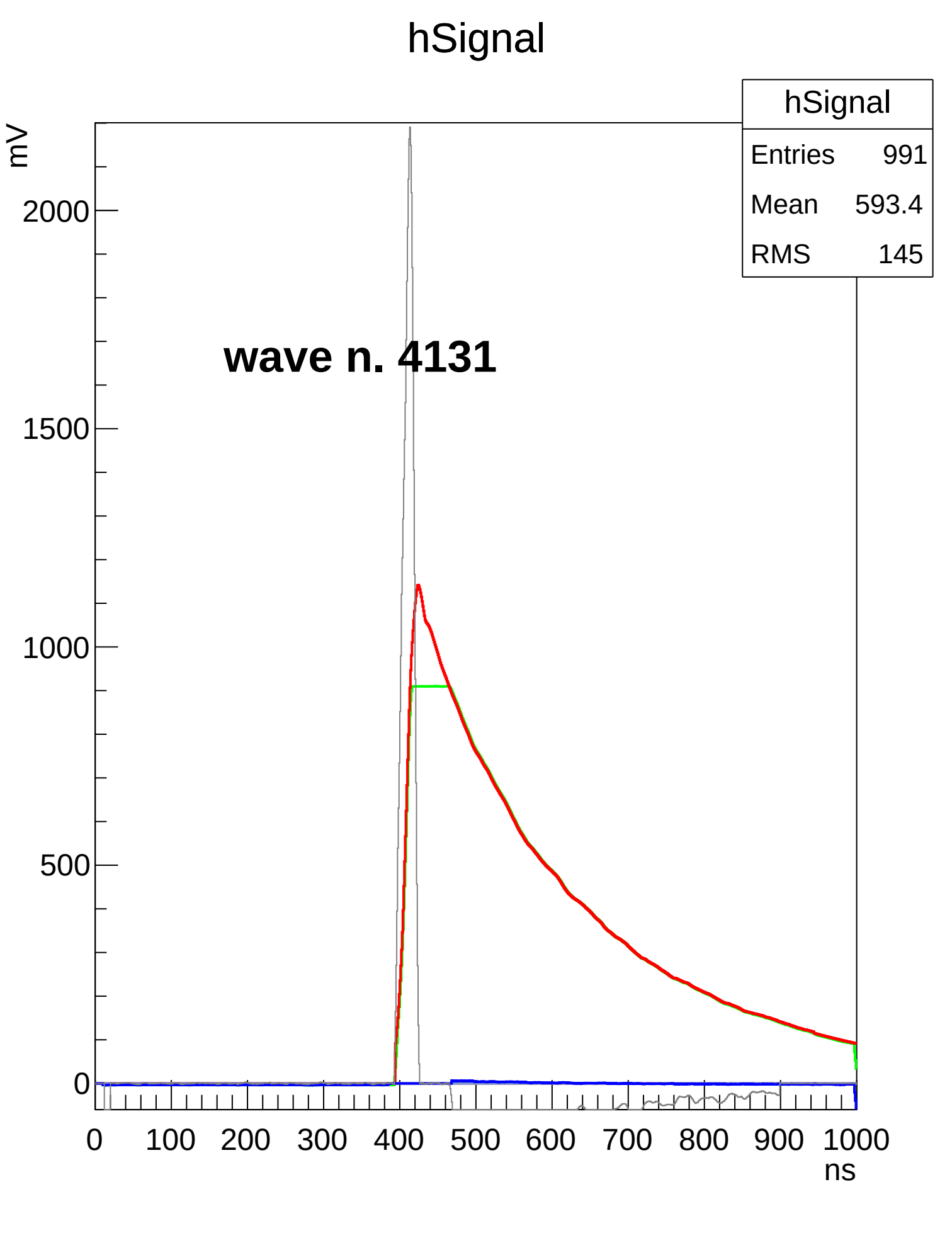
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 551.8
RMS 153.9
wave n. 4130
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 593.4
RMS 145
wave n. 4131
mV
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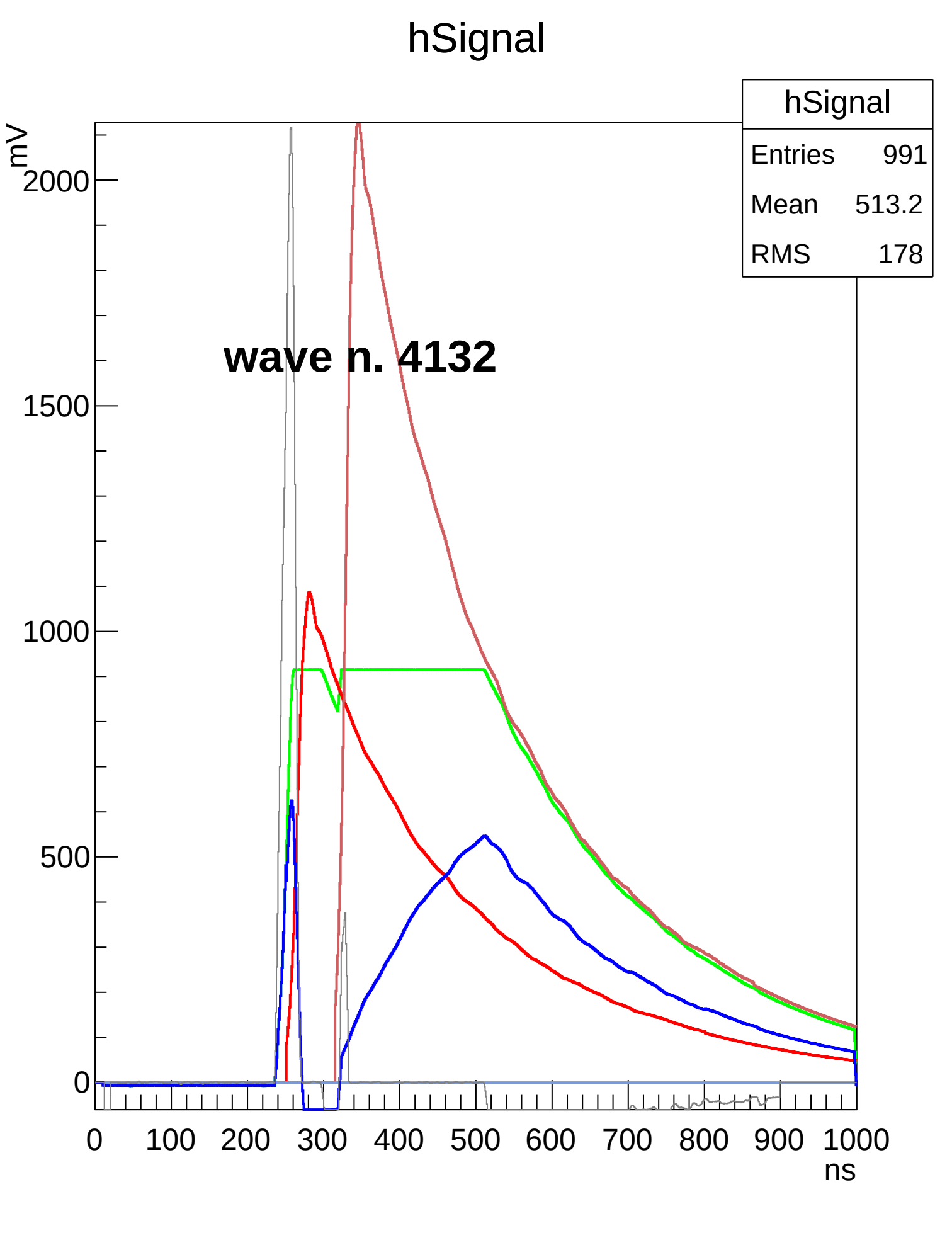
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513.2
RMS 178
wave n. 4132
mV
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1500
1000
500
0
0
100
200
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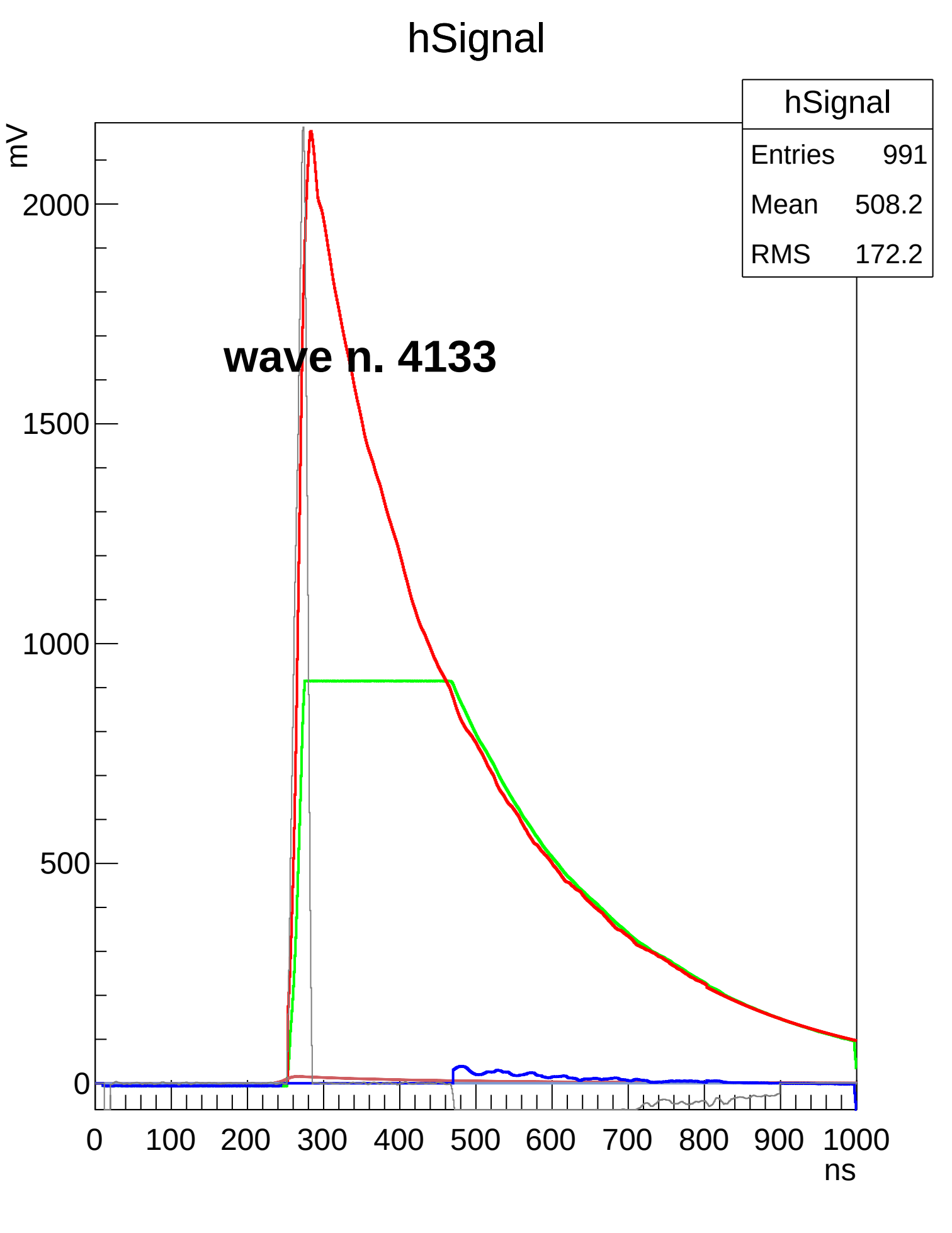
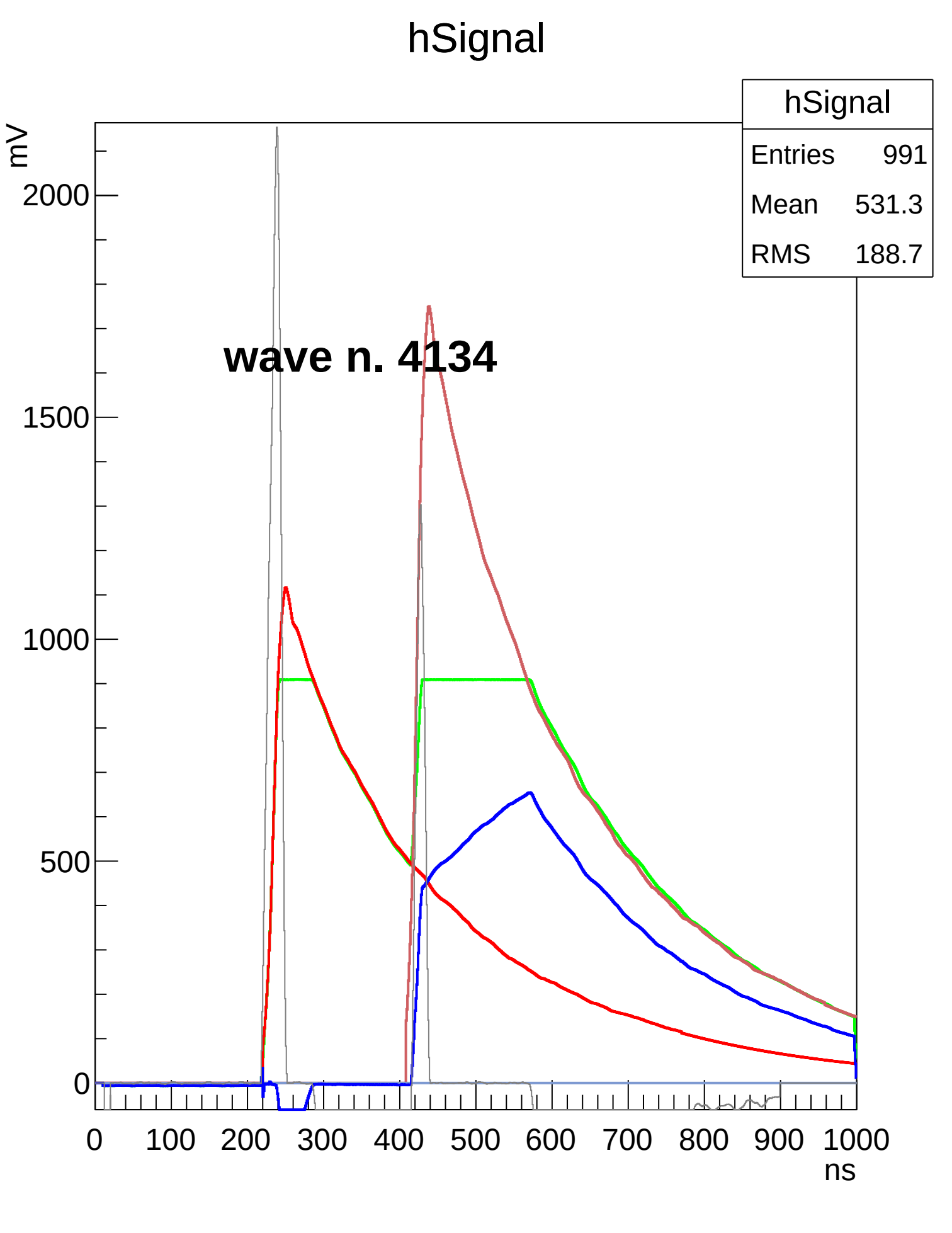
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 508.2
RMS 172.2
wave n. 4133
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 531.3
RMS 188.7
wave n. 4134
mV
2000
1500
1000
500
0
0
100
200
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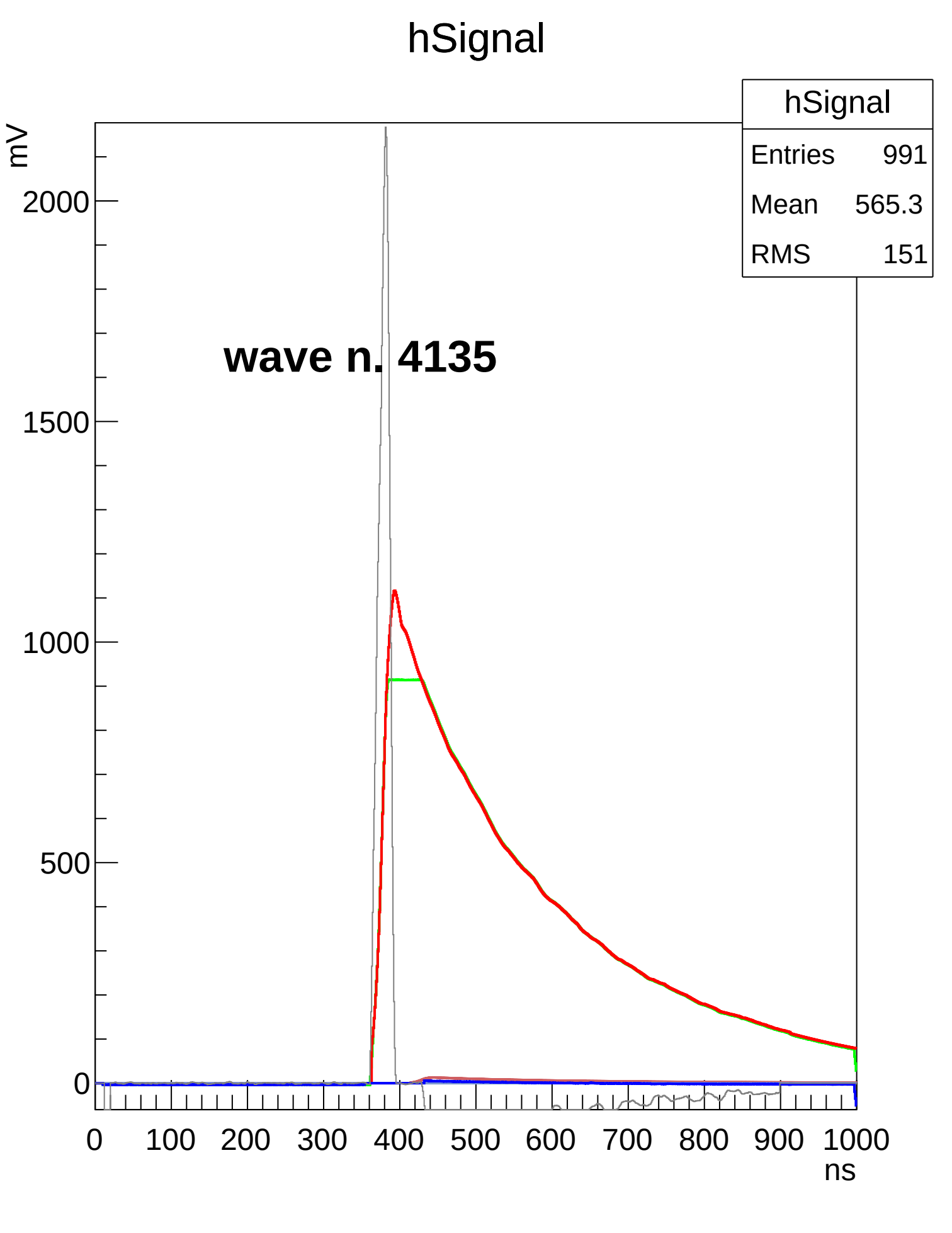
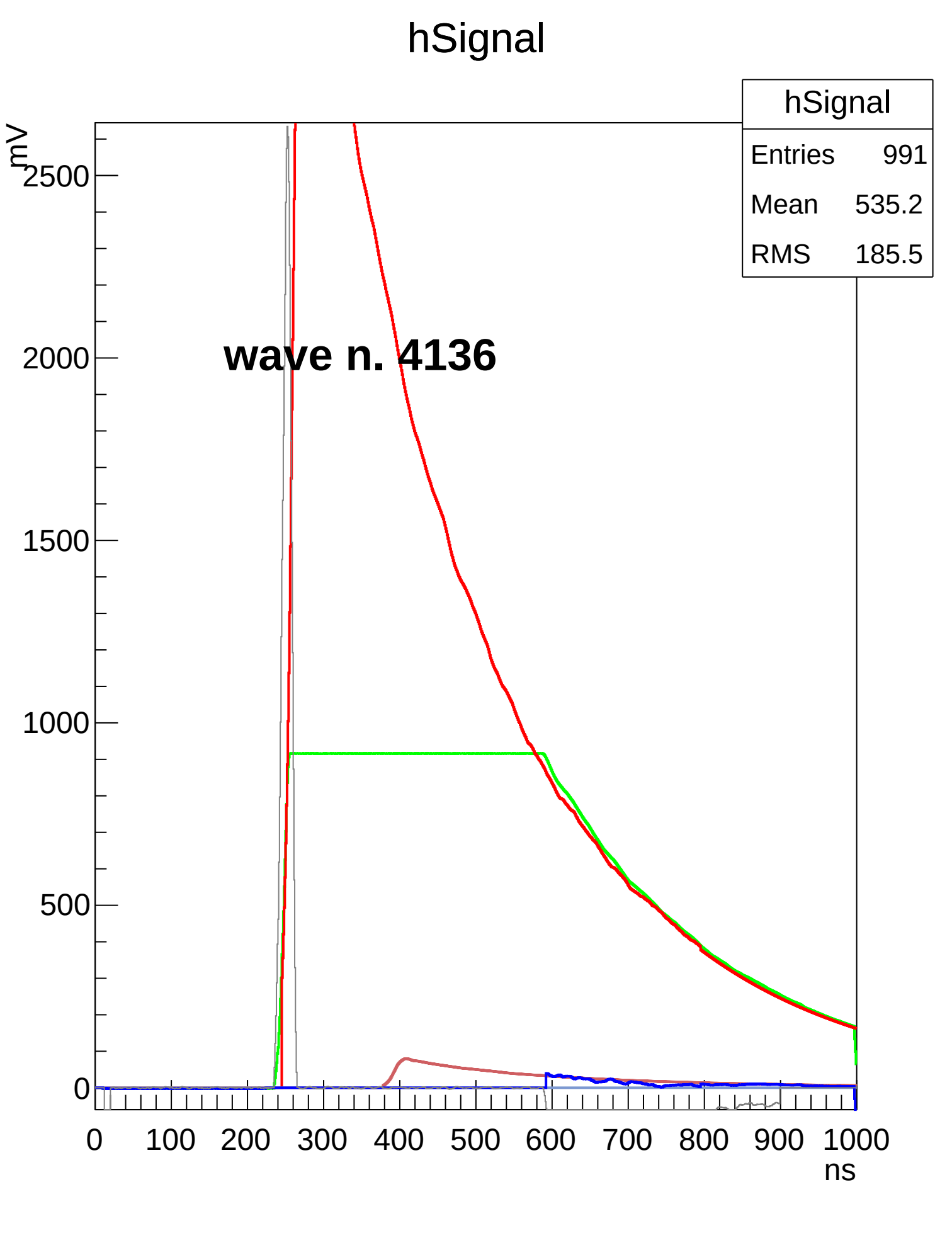
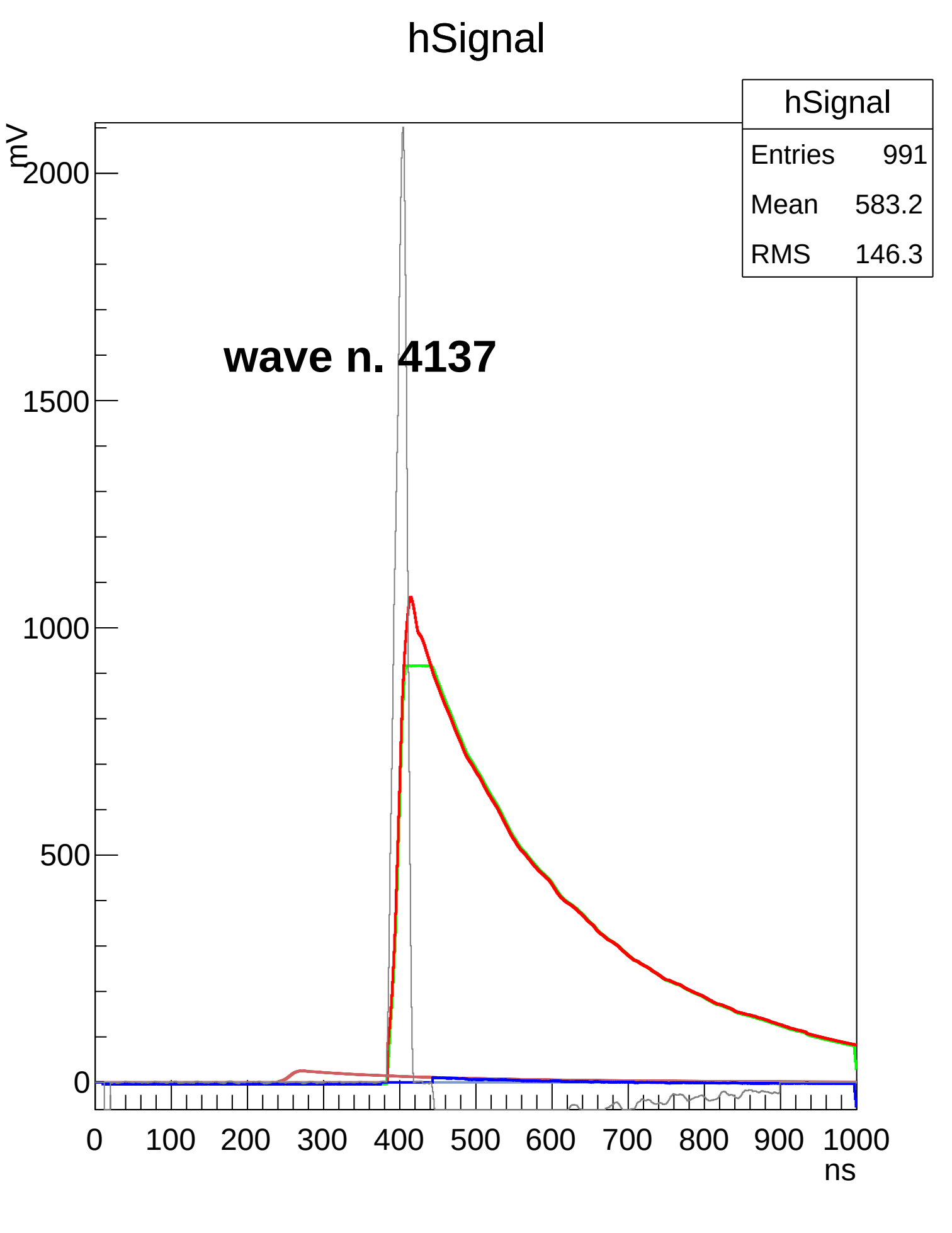
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.3
RMS 151
wave n. 4135
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 535.2
RMS 185.5
wave n. 4136
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 583.2
RMS 146.3
wave n. 4137
mV
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1000
500
0
0
100
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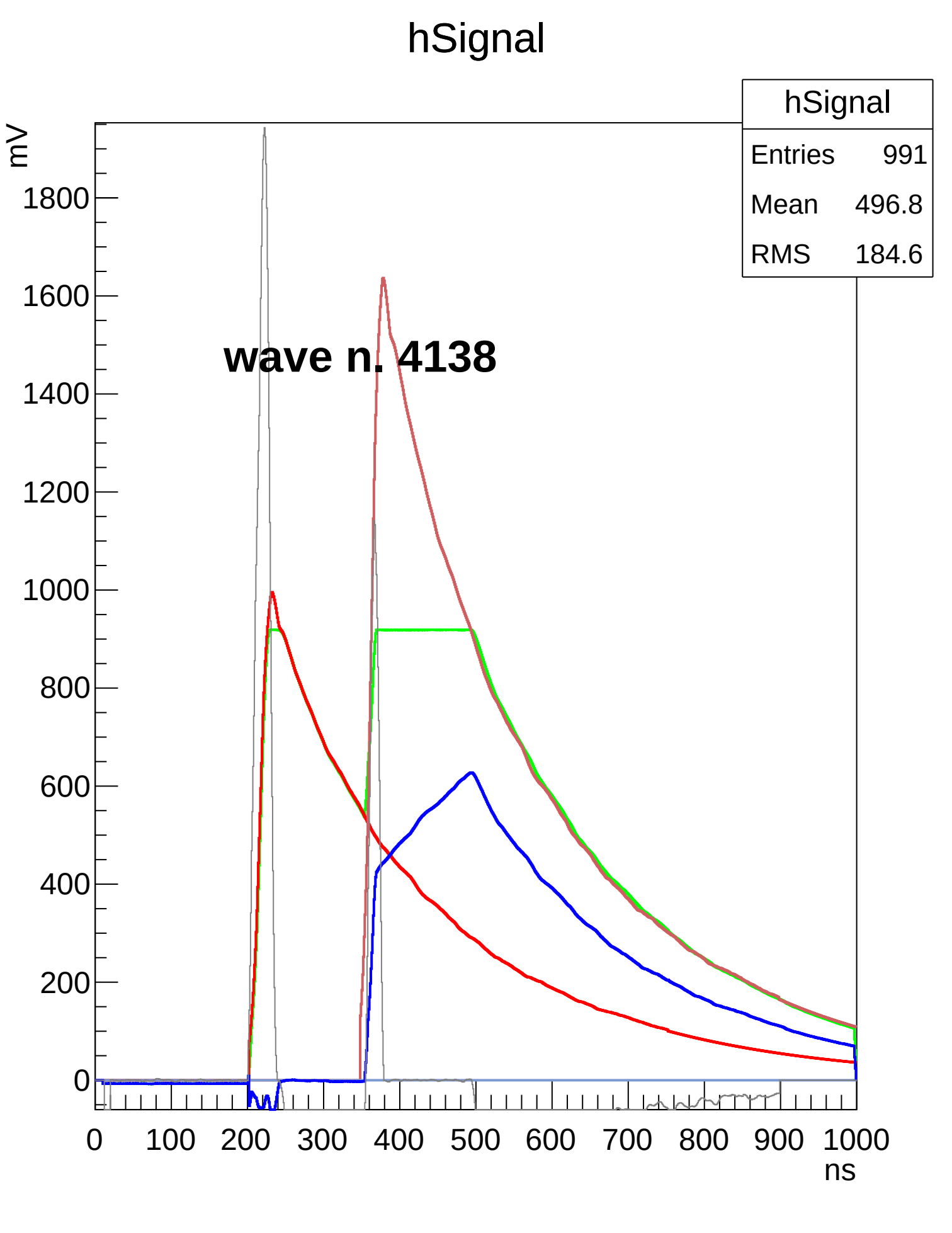
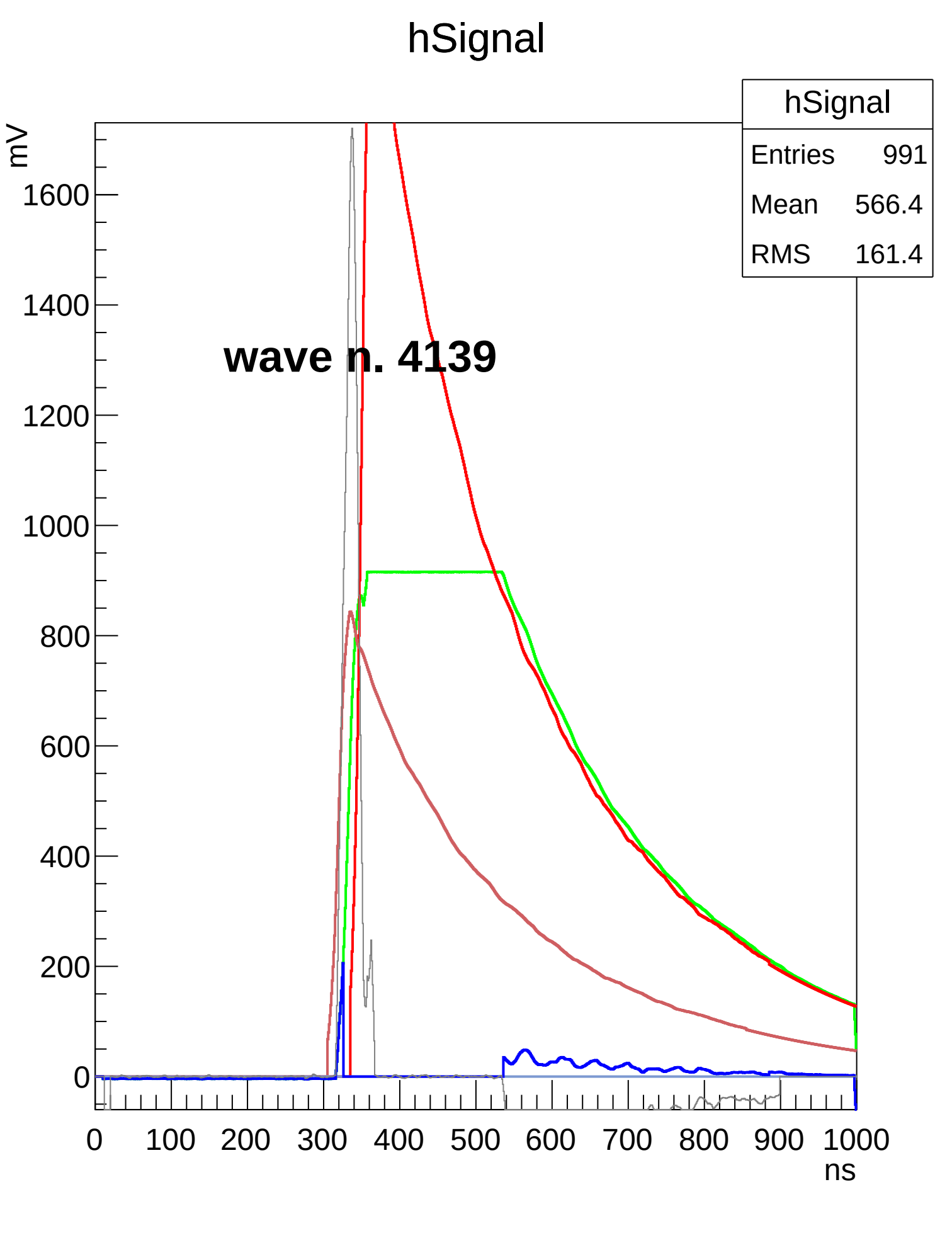
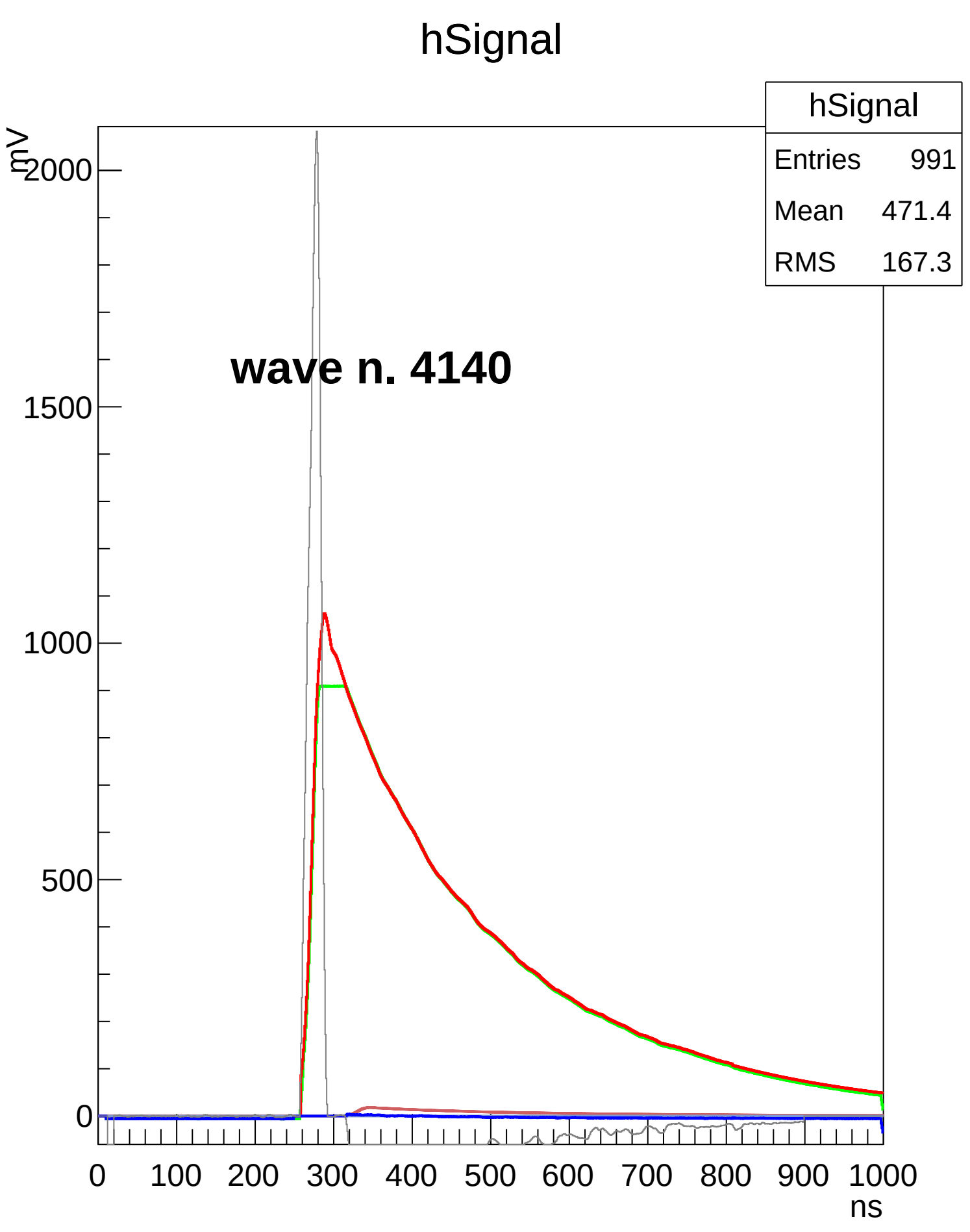
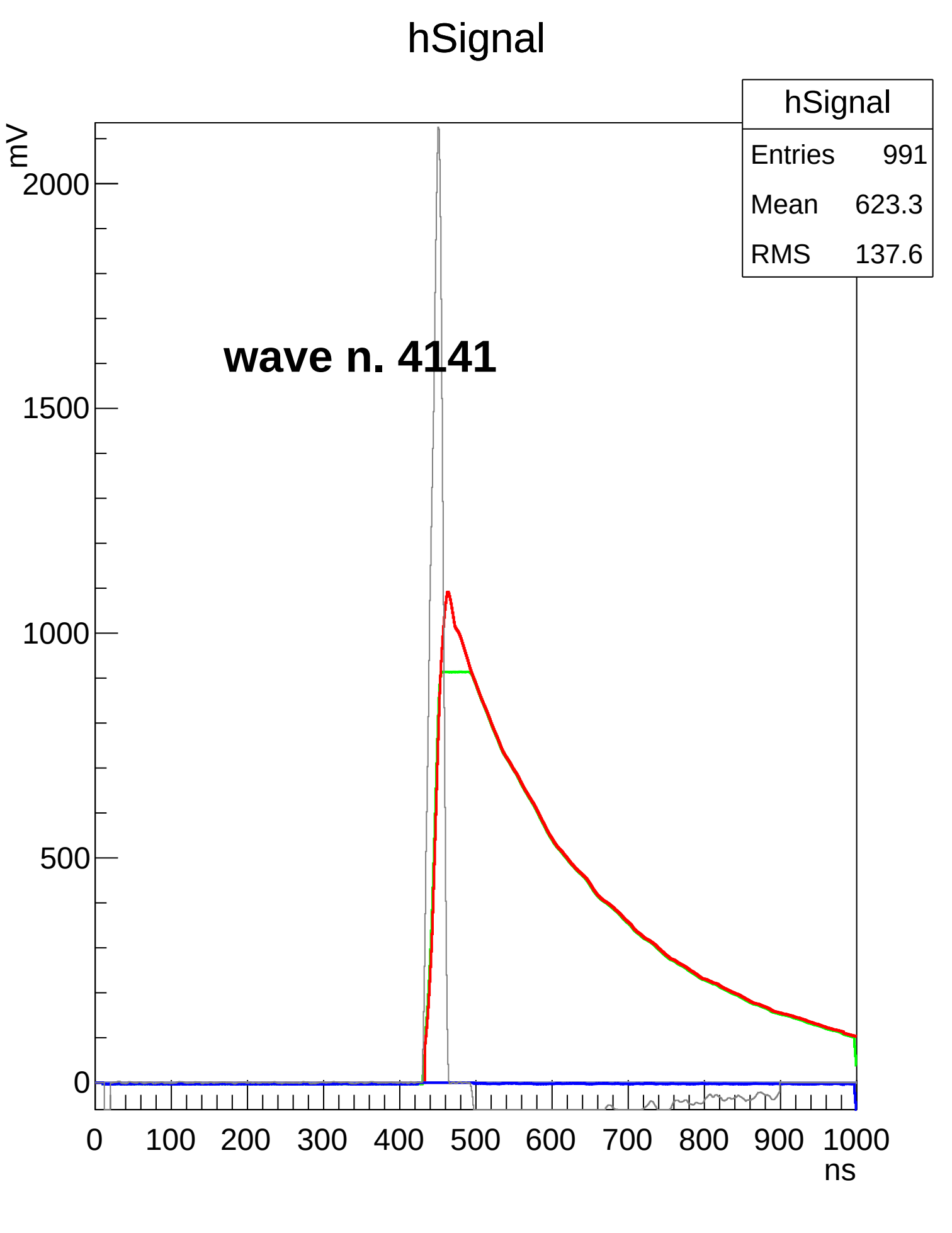
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 496.8
RMS 184.6
wave n. 4138
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 566.4
RMS 161.4
wave n. 4139
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 471.4
RMS 167.3
wave n. 4140
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 623.3
RMS 137.6
wave n. 4141
mV
2000
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1000
500
0
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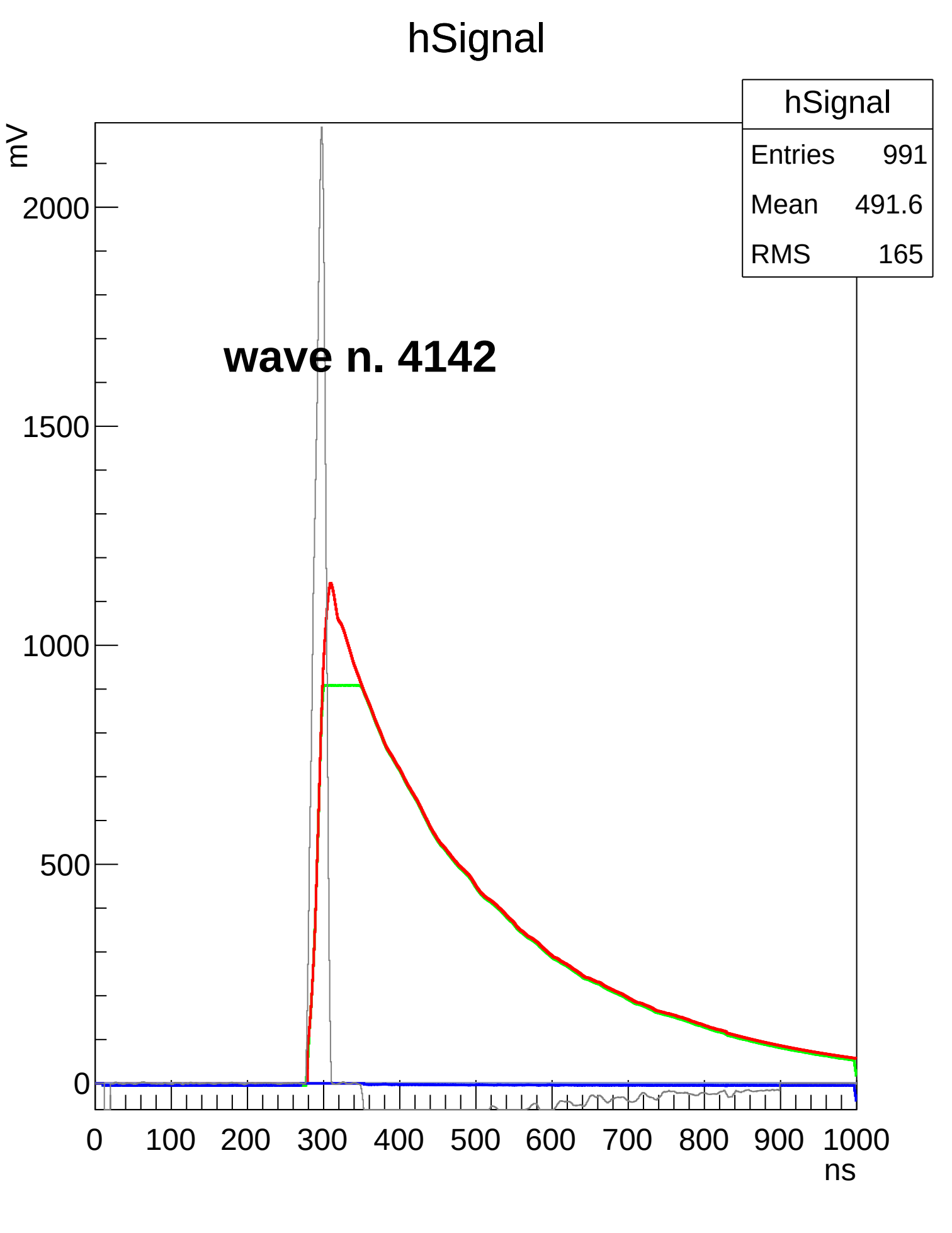
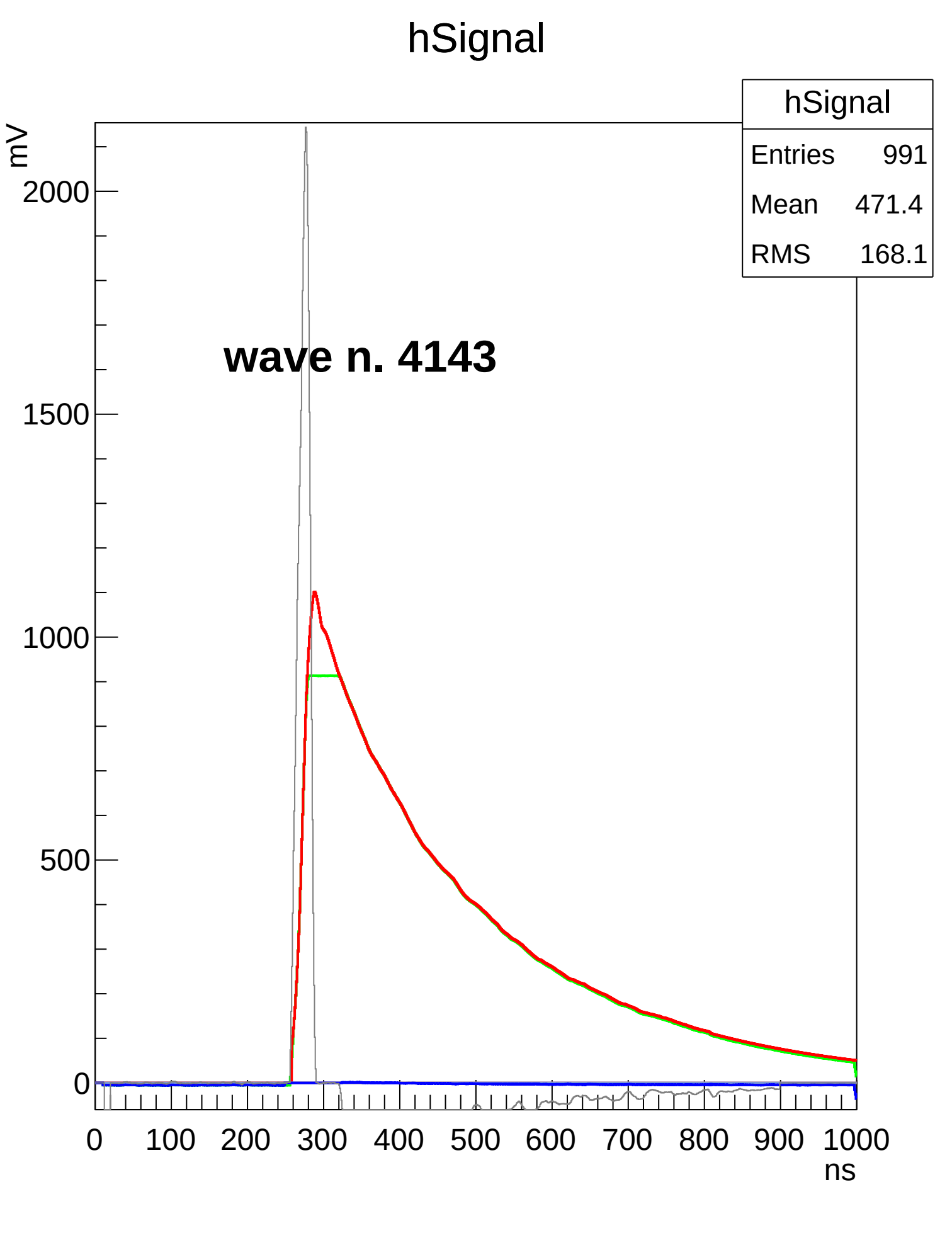
ns


hSignal
hSignal
Entries 991
Mean 491.6
RMS 165
wave n. 4142
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 471.4
RMS 168.1
wave n. 4143
mV
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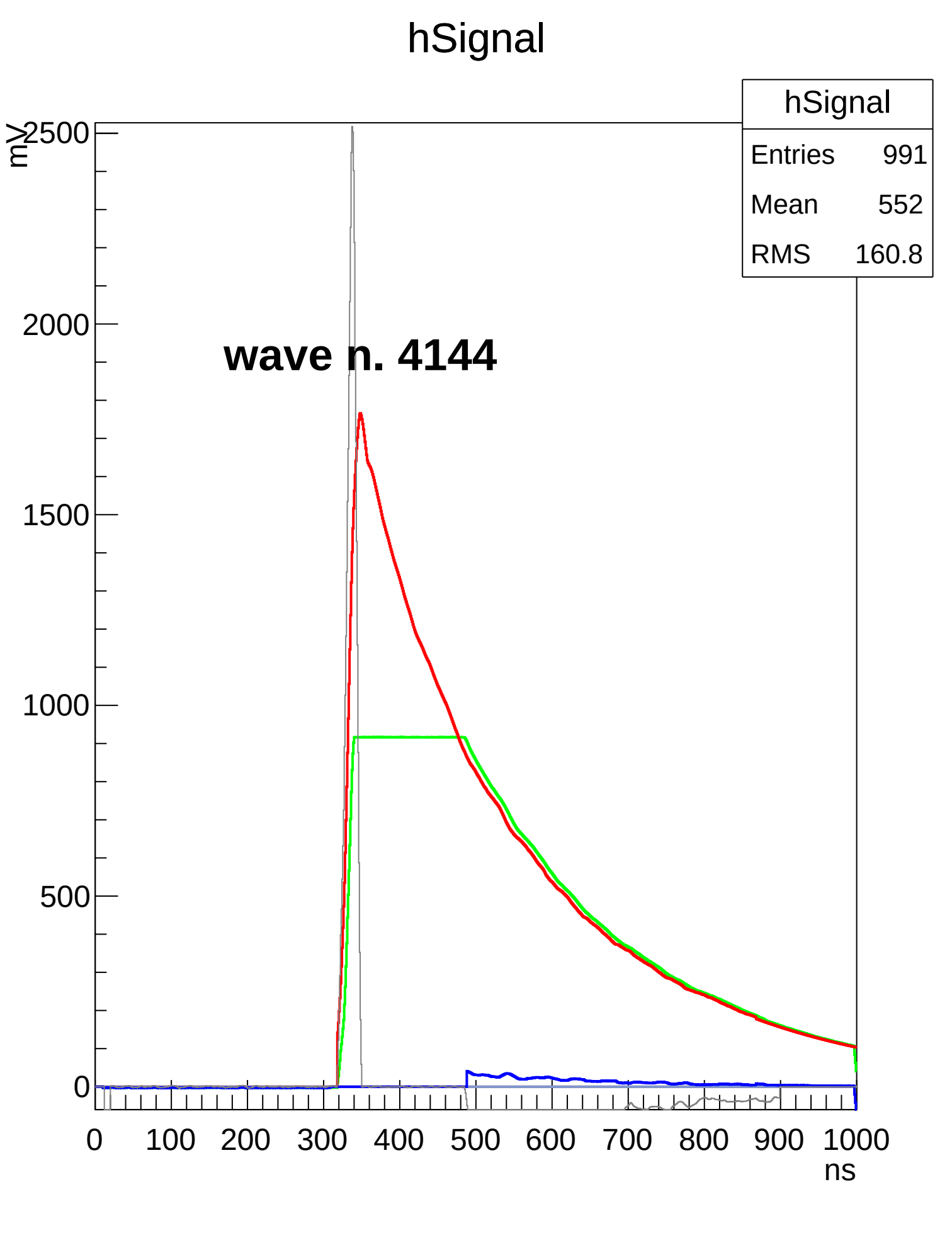
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552
RMS 160.8
wave n. 4144
mV
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2000
1500
1000
500
0
0
100
200
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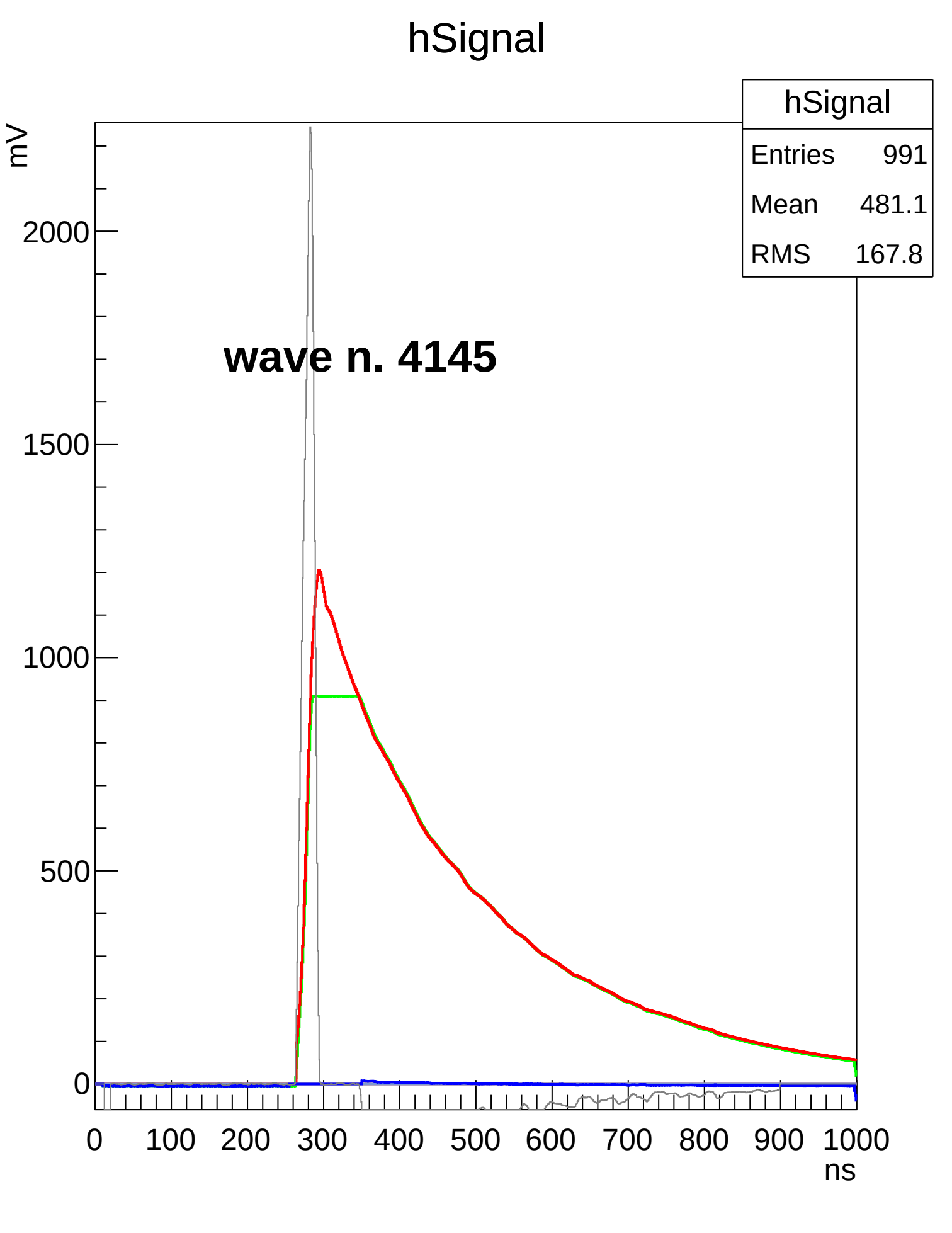
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481.1
RMS 167.8
wave n. 4145
mV
2000
1500
1000
500
0
0
100
200
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400
500
600
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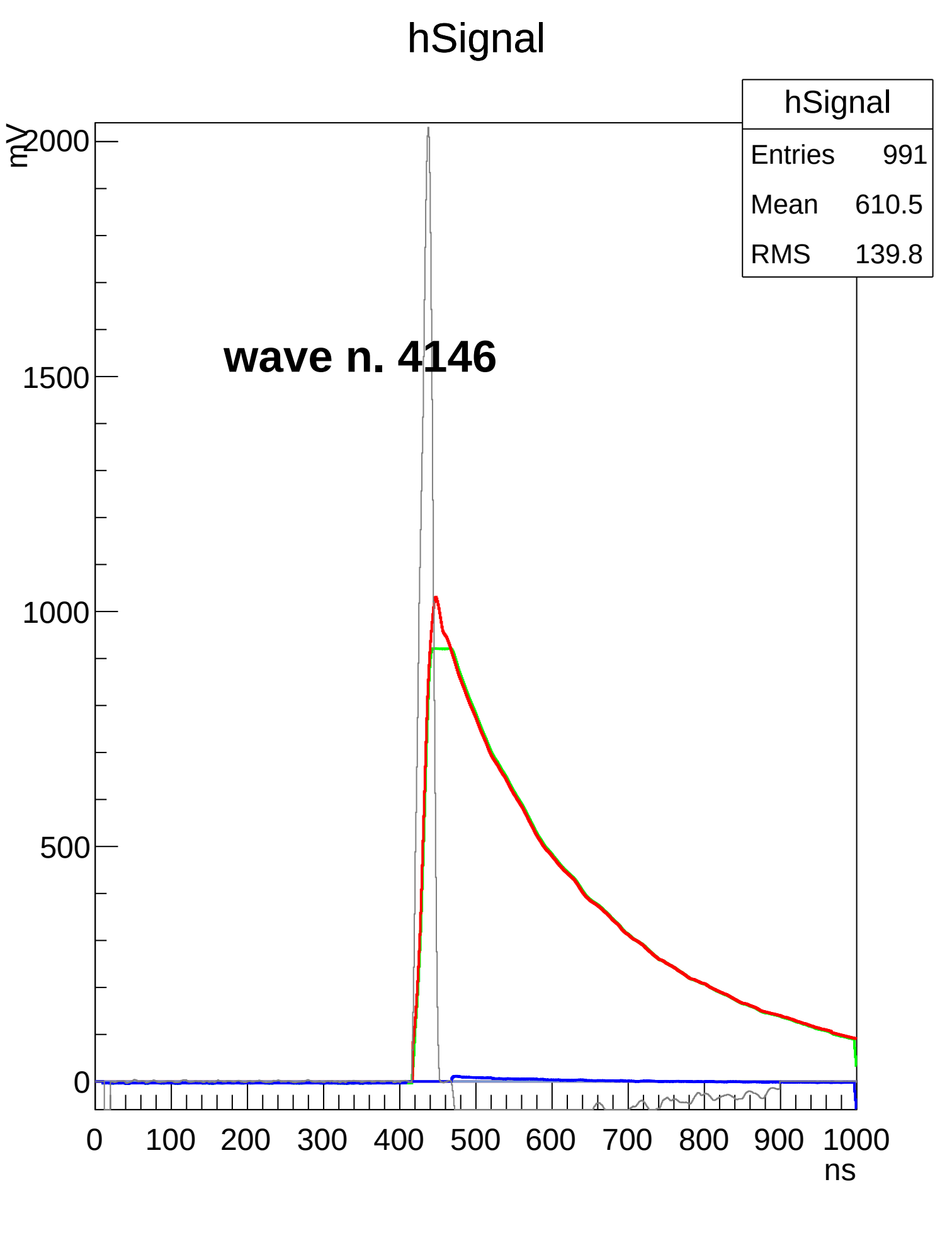
800
900
1000
ns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hSignal
Entries 991
Mean 610.5
RMS 139.8
wave n. 4146
mV
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1500
1000
500
0
0
100
200
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400
500
600
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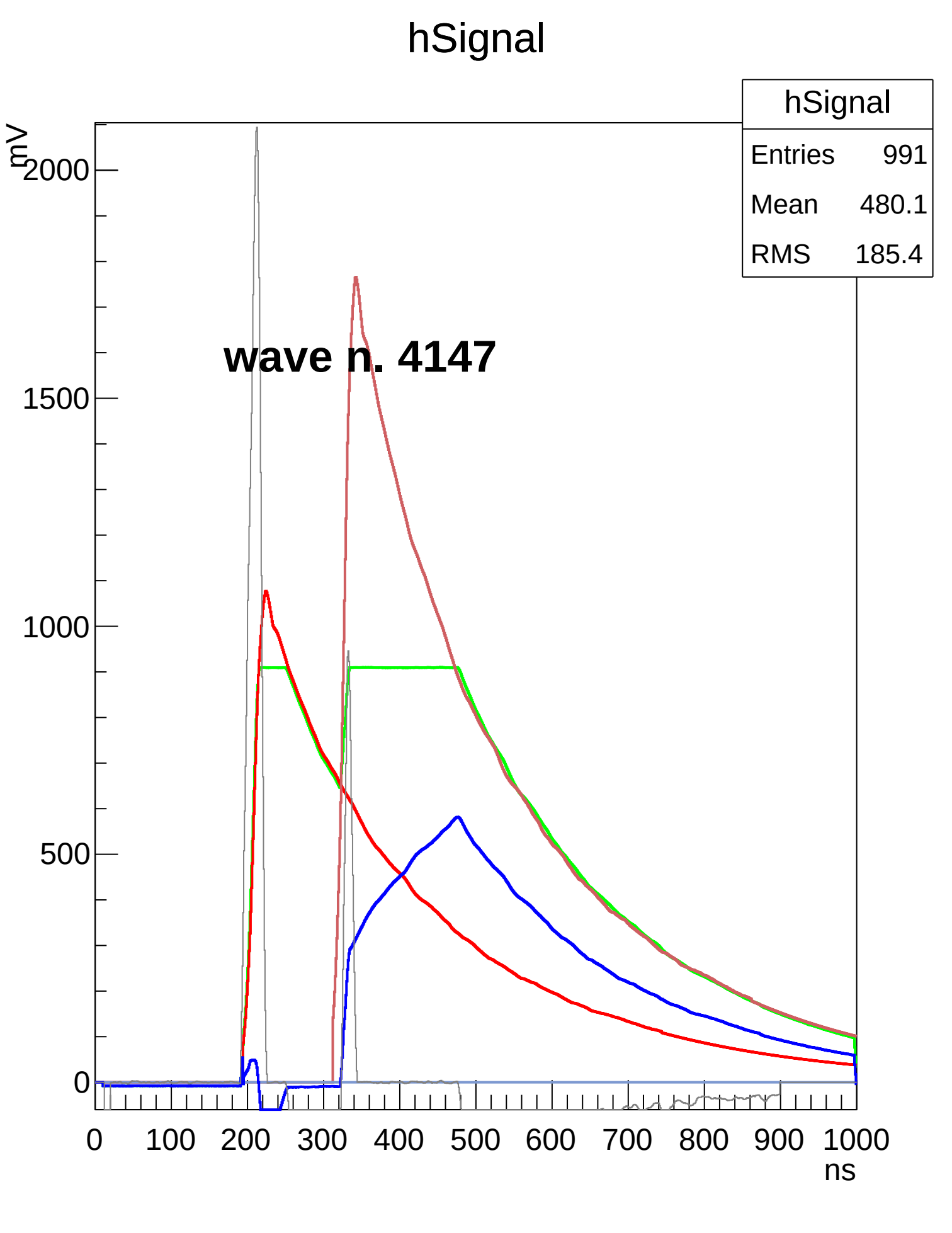
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 480.1
RMS 185.4
wave n. 4147
mV
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500
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0
100
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400
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800
900
1000
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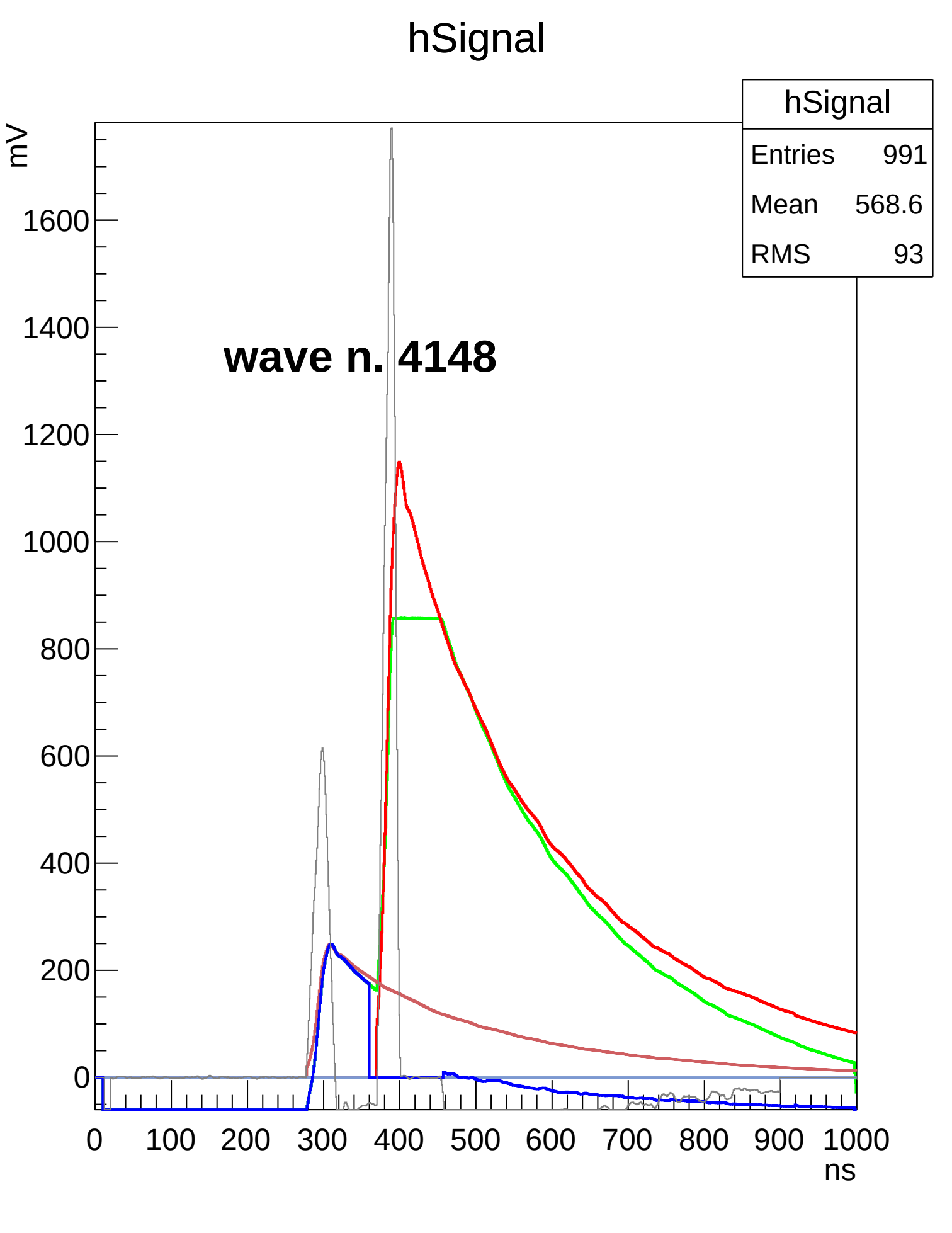
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hSignal
Entries 991
Mean 568.6
RMS 93
wave n. 4148
mV
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1000
800
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400
200
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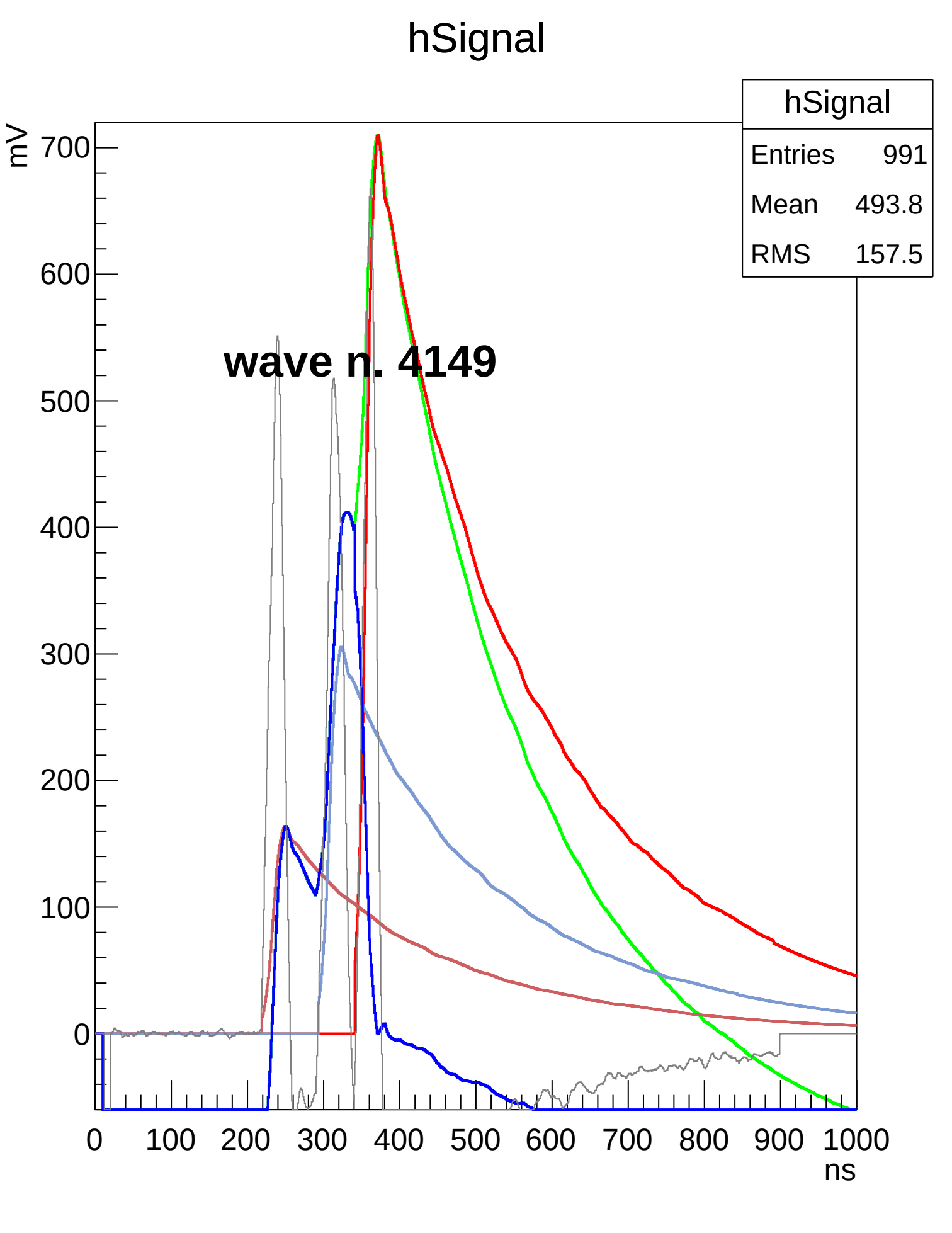
ns


hSignal
hSignal
Entries 991
Mean 493.8
RMS 157.5
wave n. 4149
mV
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600
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300
200
100
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0
100
200
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400
500
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800
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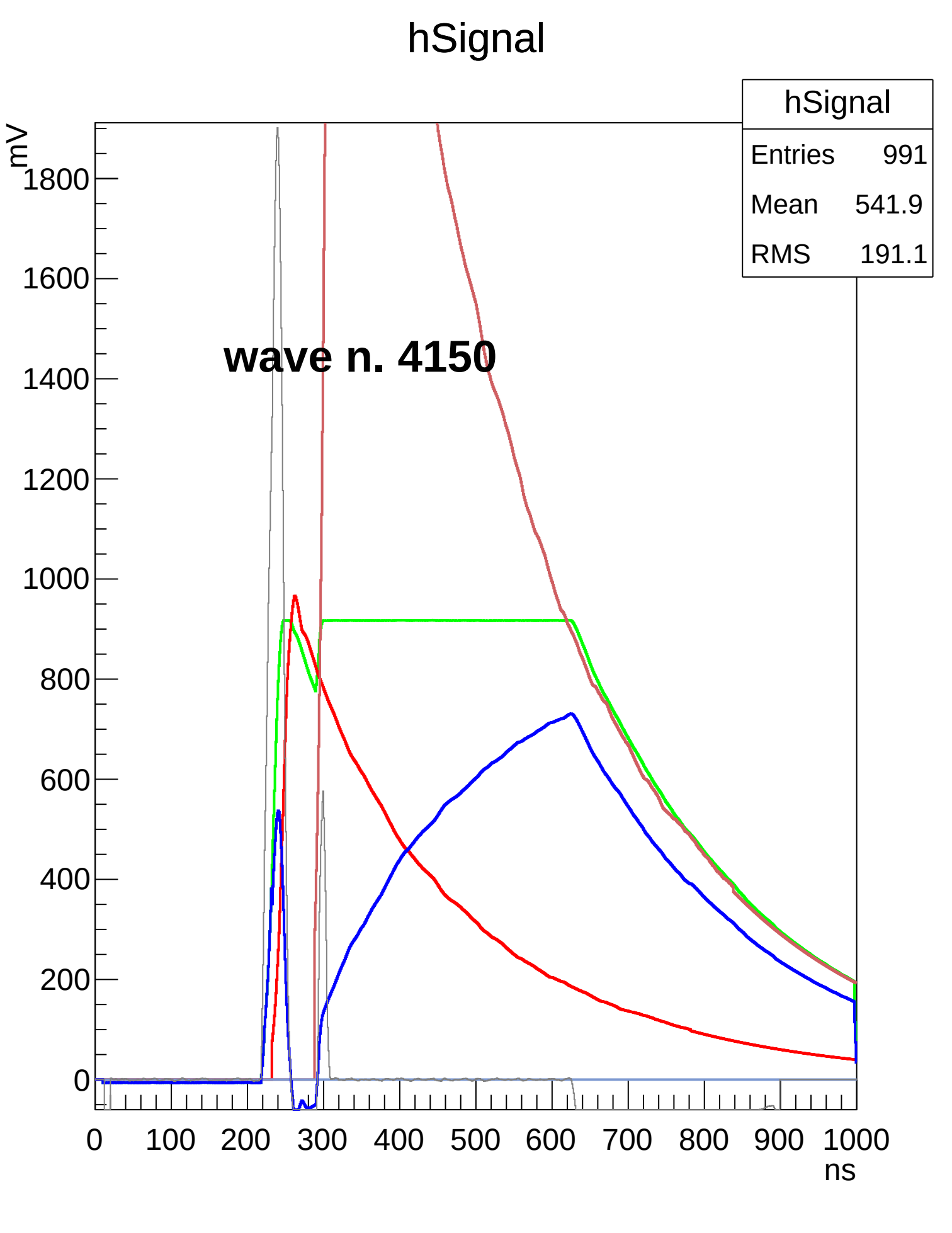
1000
ns


hSignal
hSignal
Entries 991
Mean 541.9
RMS 191.1
wave n. 4150
mV
1800
1600
1400
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1000
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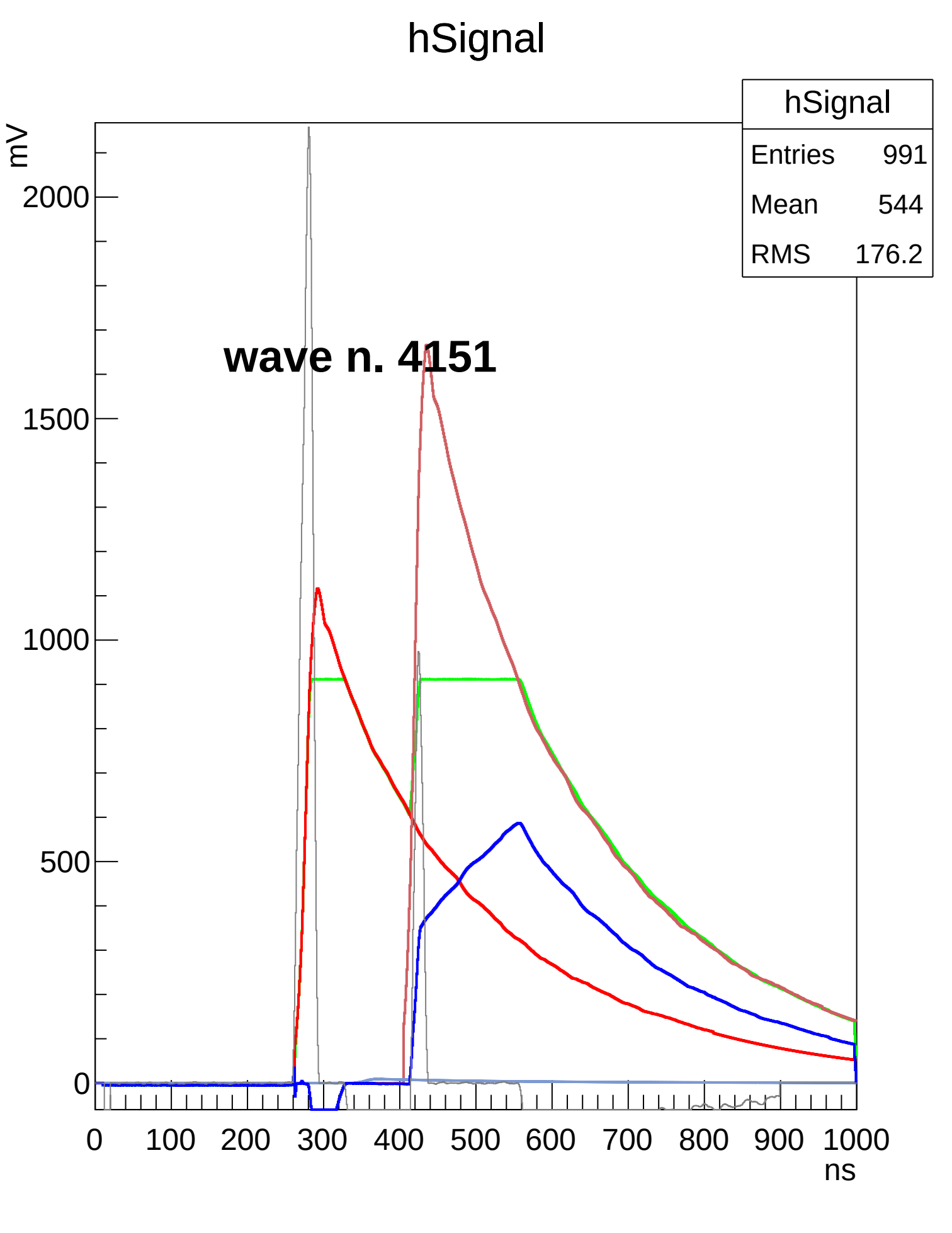
hSignal
hSignal
Entries 991
Mean 544
RMS 176.2
wave n. 4151
mV
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1000
500
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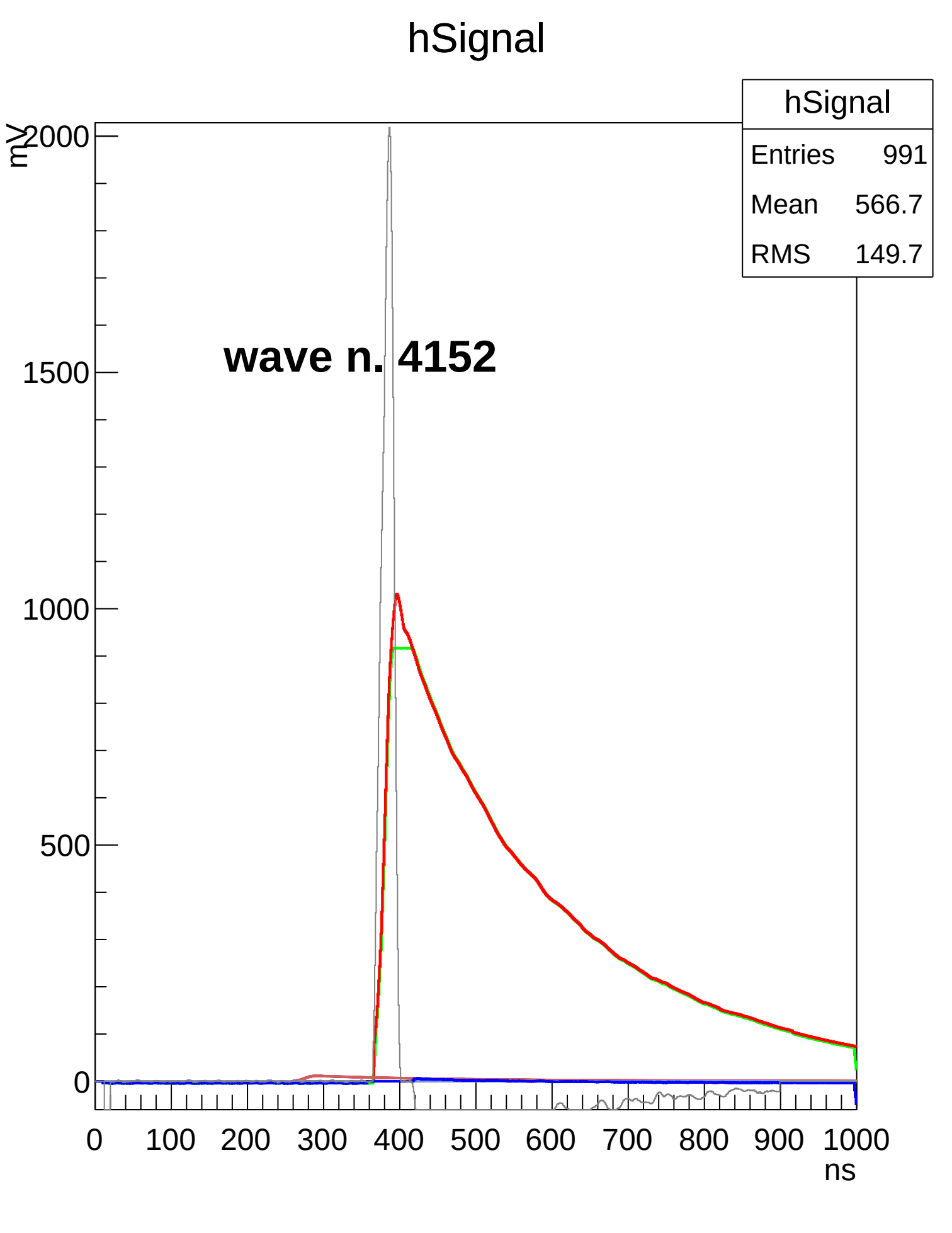
ns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hSignal
Entries 991
Mean 566.7
RMS 149.7
wave n. 4152
mV
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1500
1000
500
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0
100
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400
500
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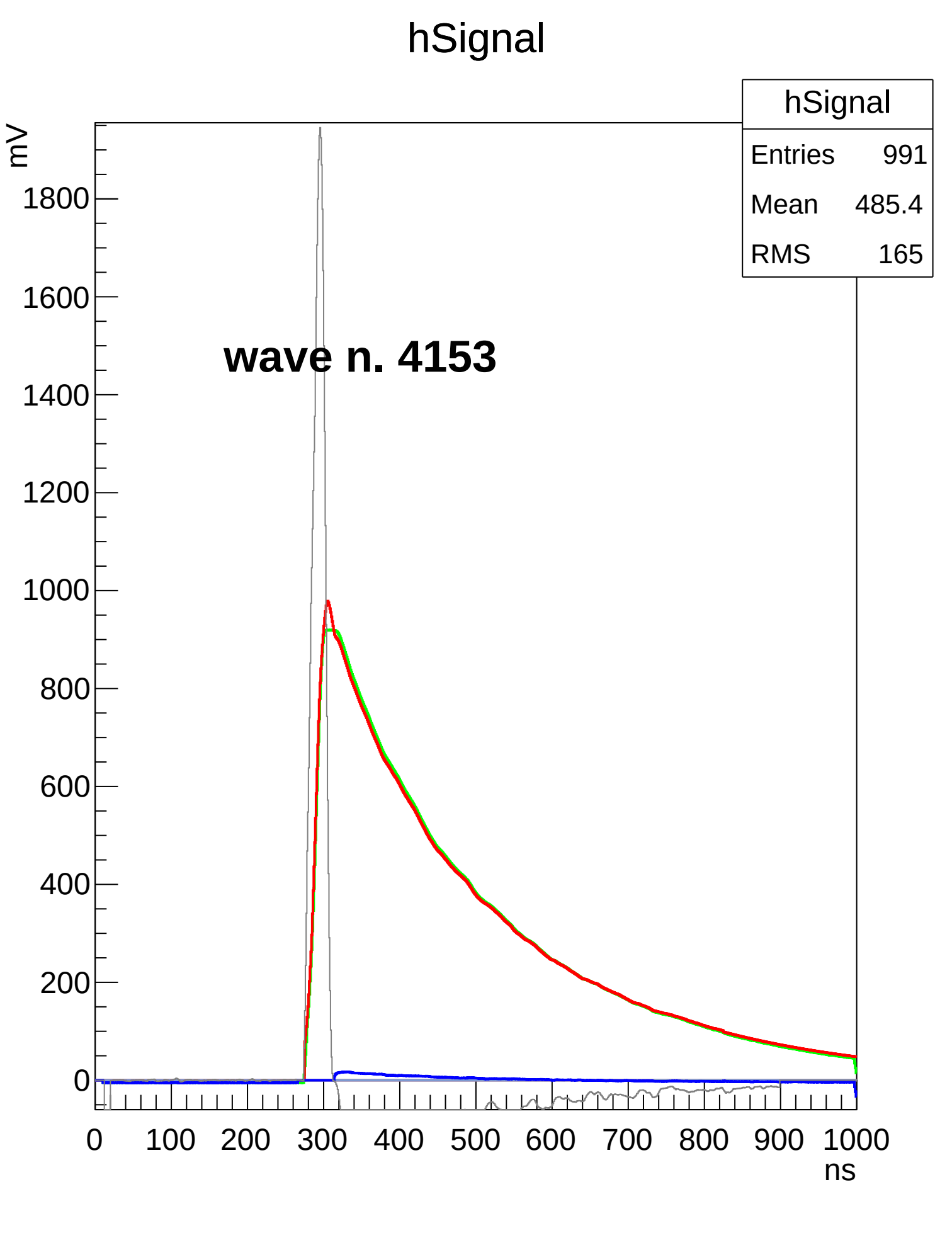
800
900
1000
ns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hSignal
Entries 991
Mean 485.4
RMS 165
wave n. 4153
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1400
1200
1000
800
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200
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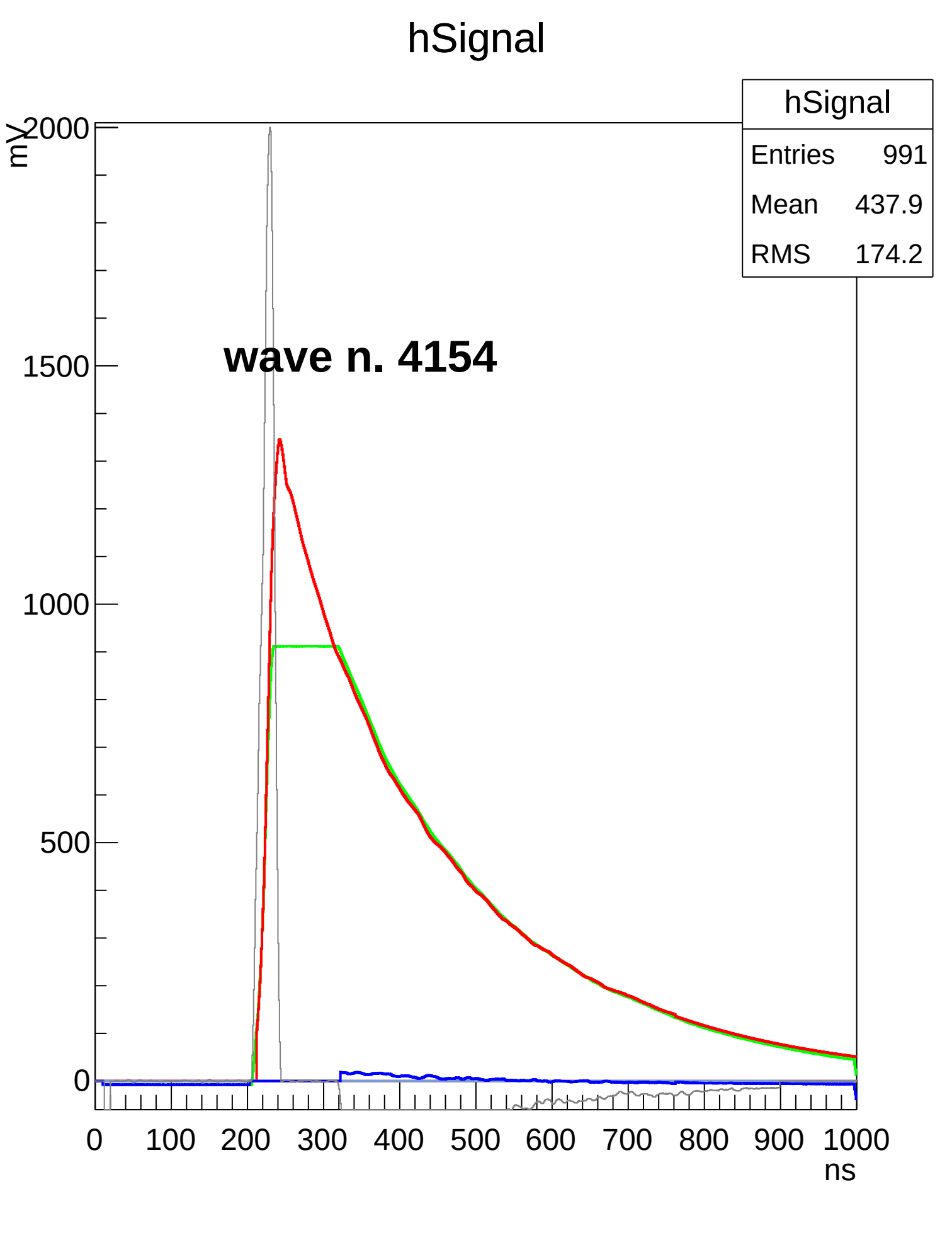
ns


hSignal
hSignal
Entries 991
Mean 437.9
RMS 174.2
wave n. 4154
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400
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800
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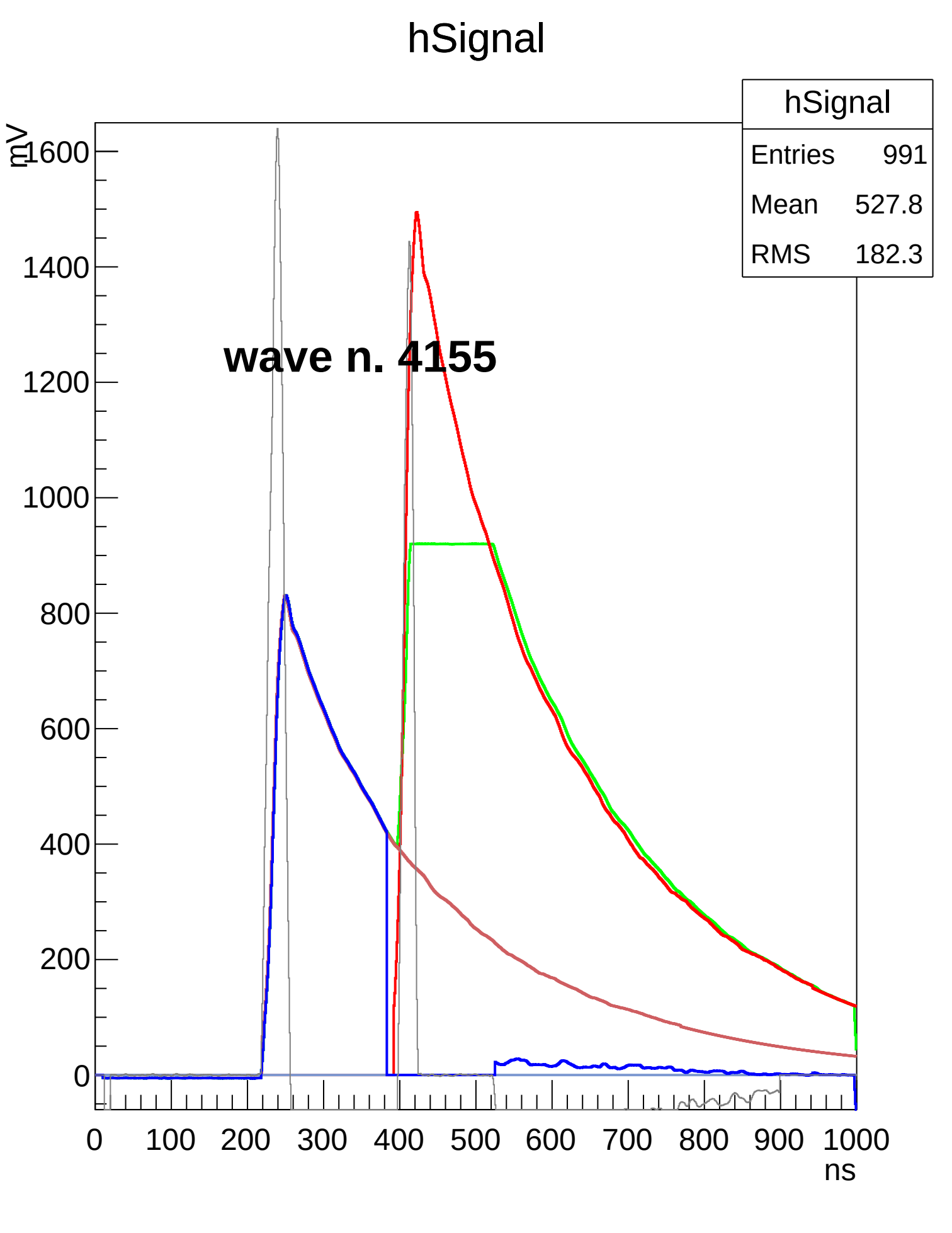
1000
ns


hSignal
hSignal
Entries 991
Mean 527.8
RMS 182.3
wave n. 4155
mV
1600
1400
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600
400
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400
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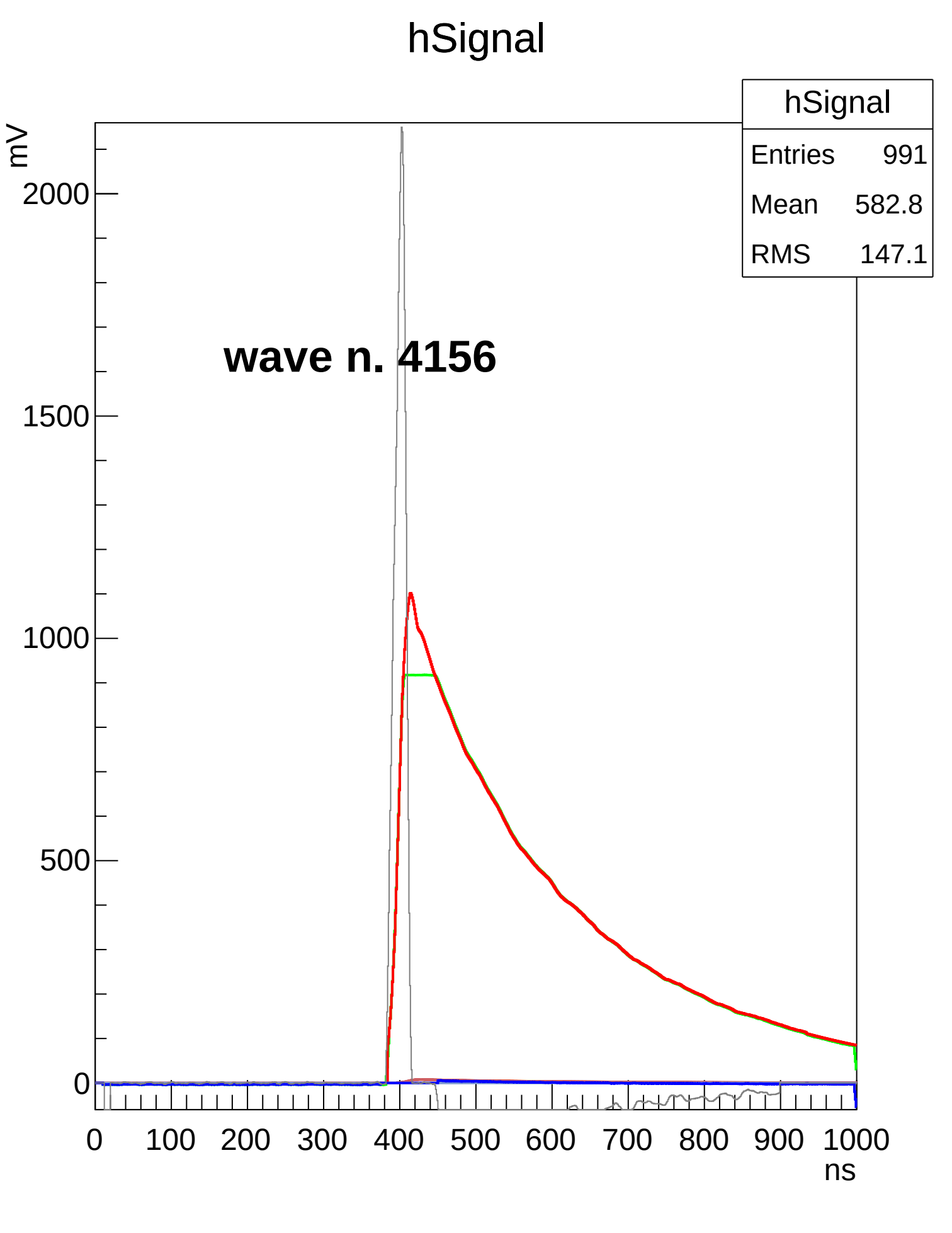
1000
ns


hSignal
hSignal
Entries 991
Mean 582.8
RMS 147.1
wave n. 4156
mV
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1500
1000
500
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0
100
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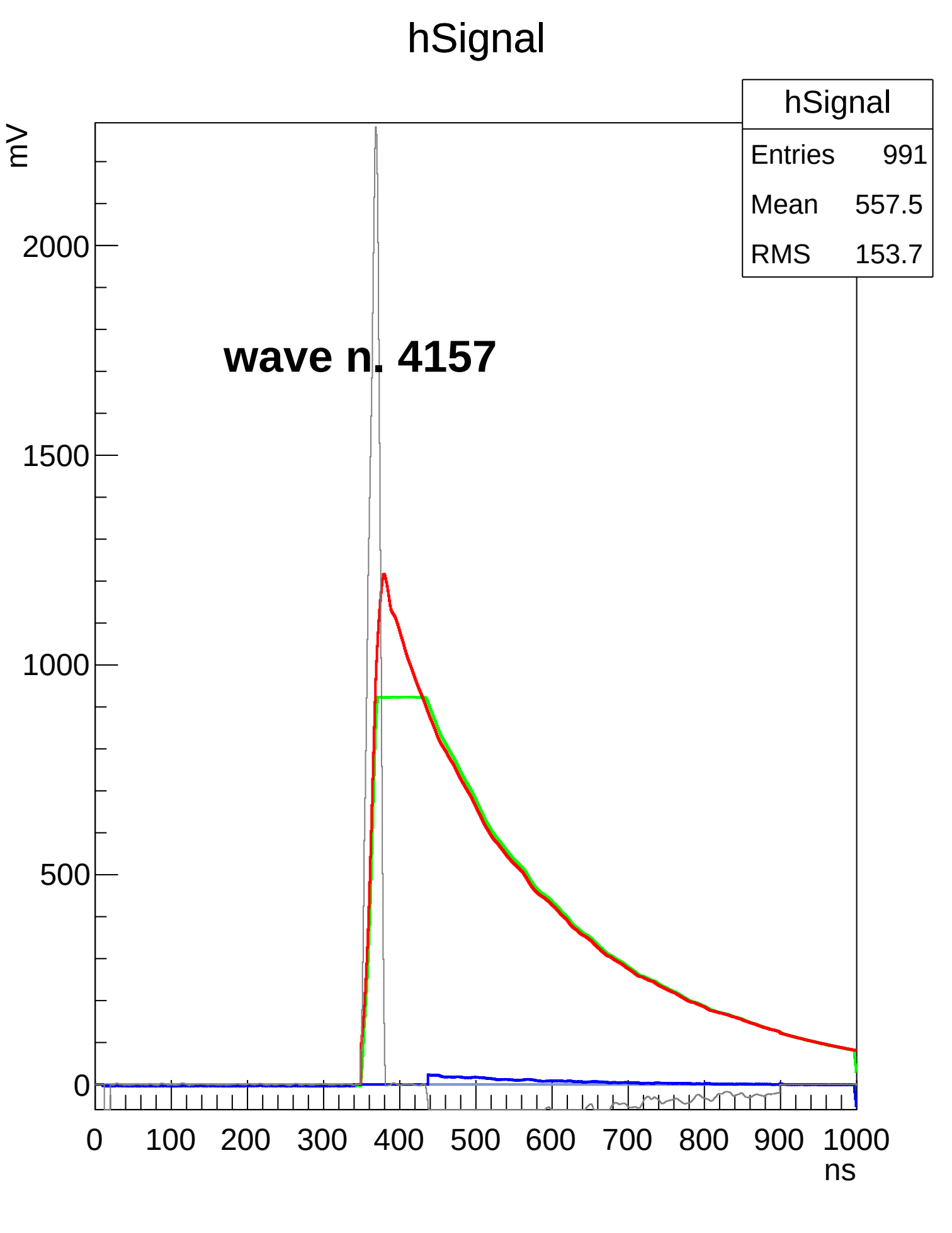
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 557.5
RMS 153.7
wave n. 4157
mV
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1500
1000
500
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0
100
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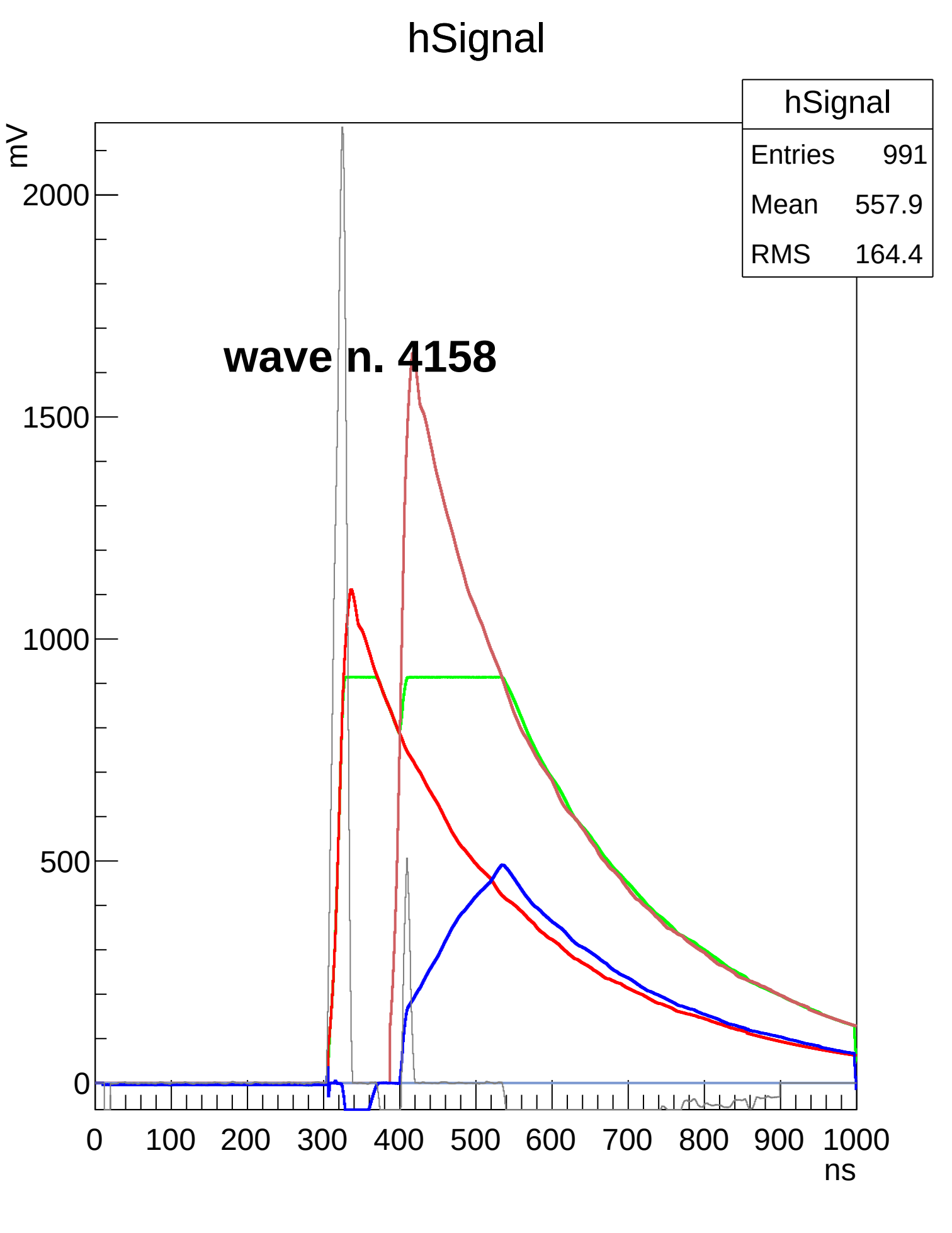
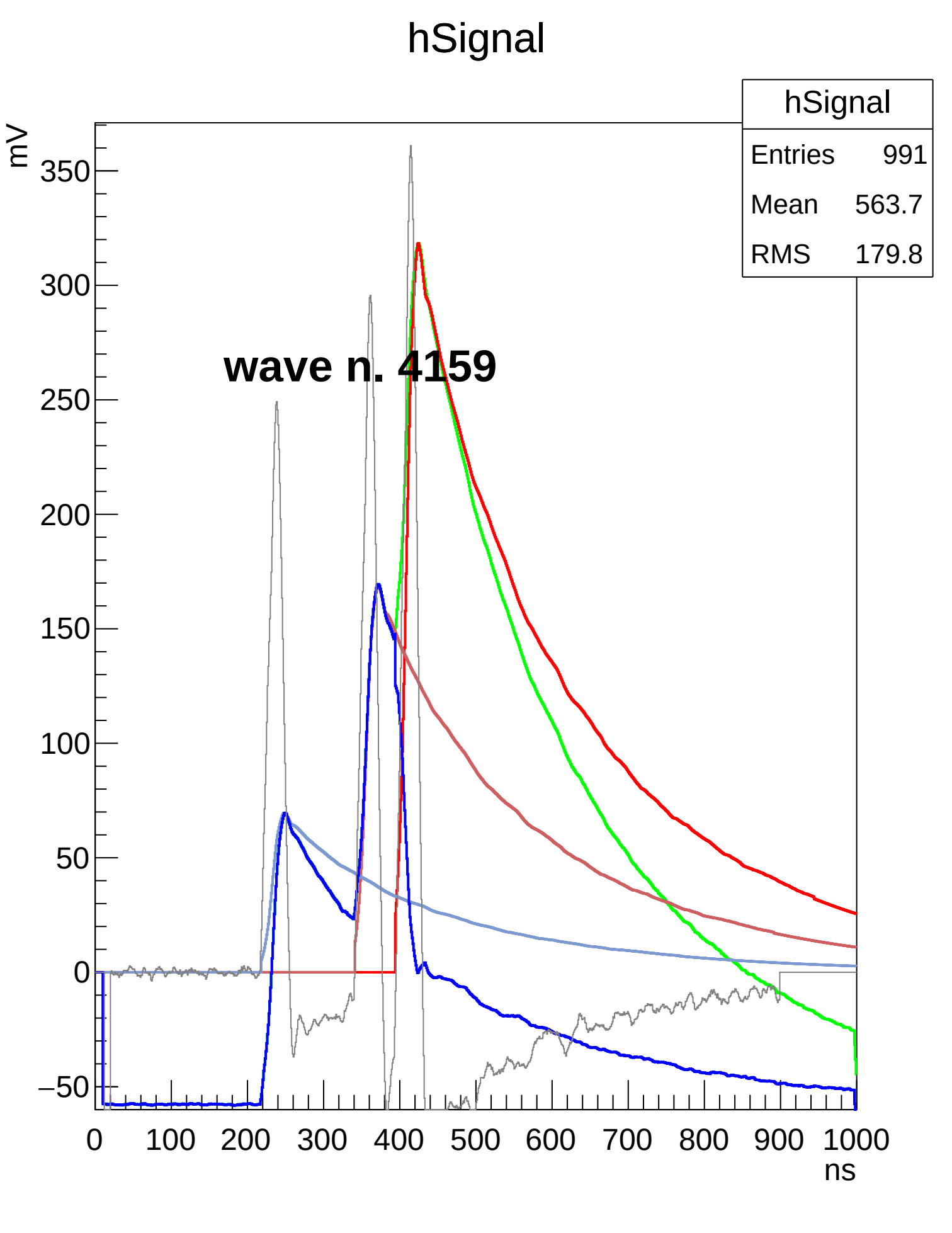
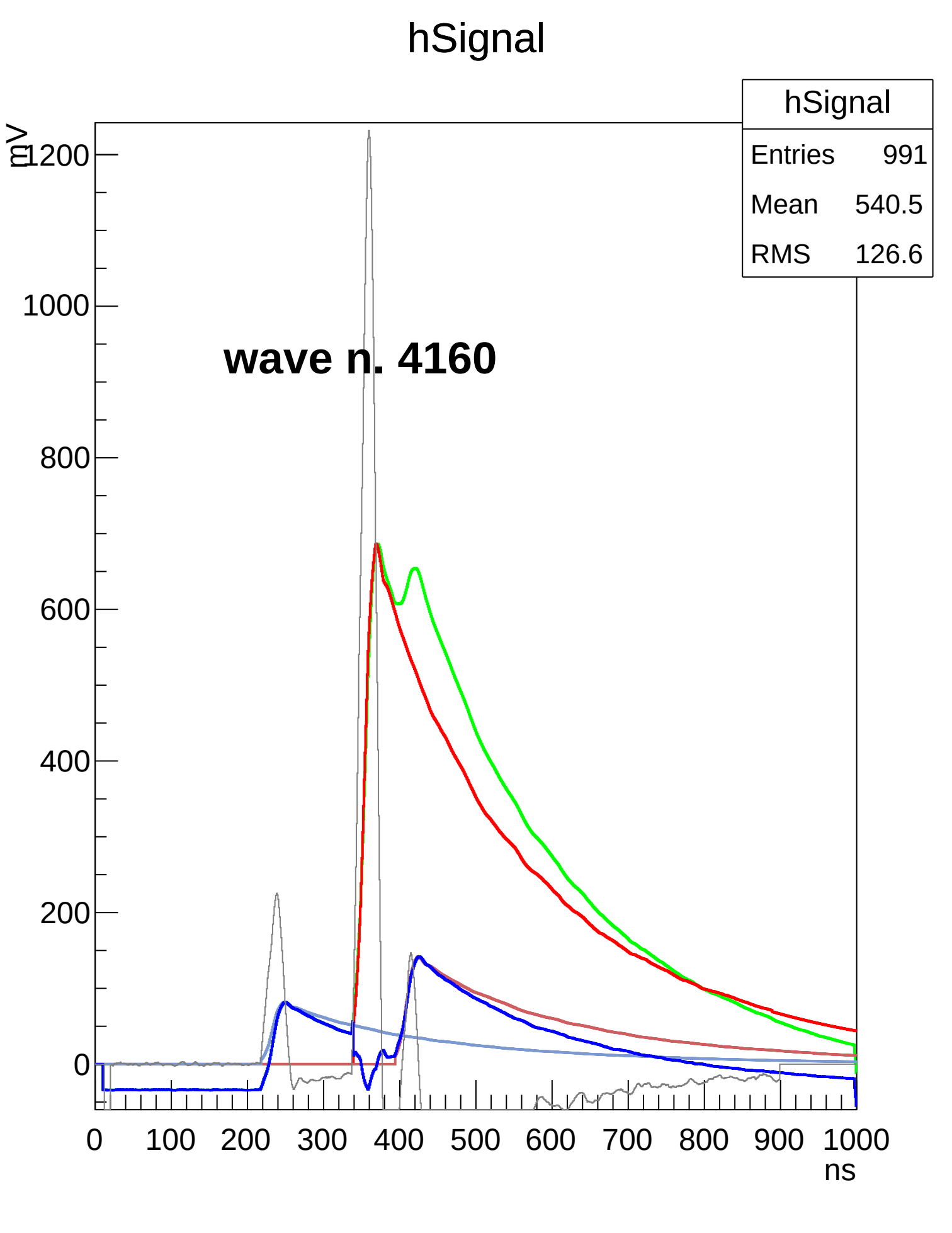
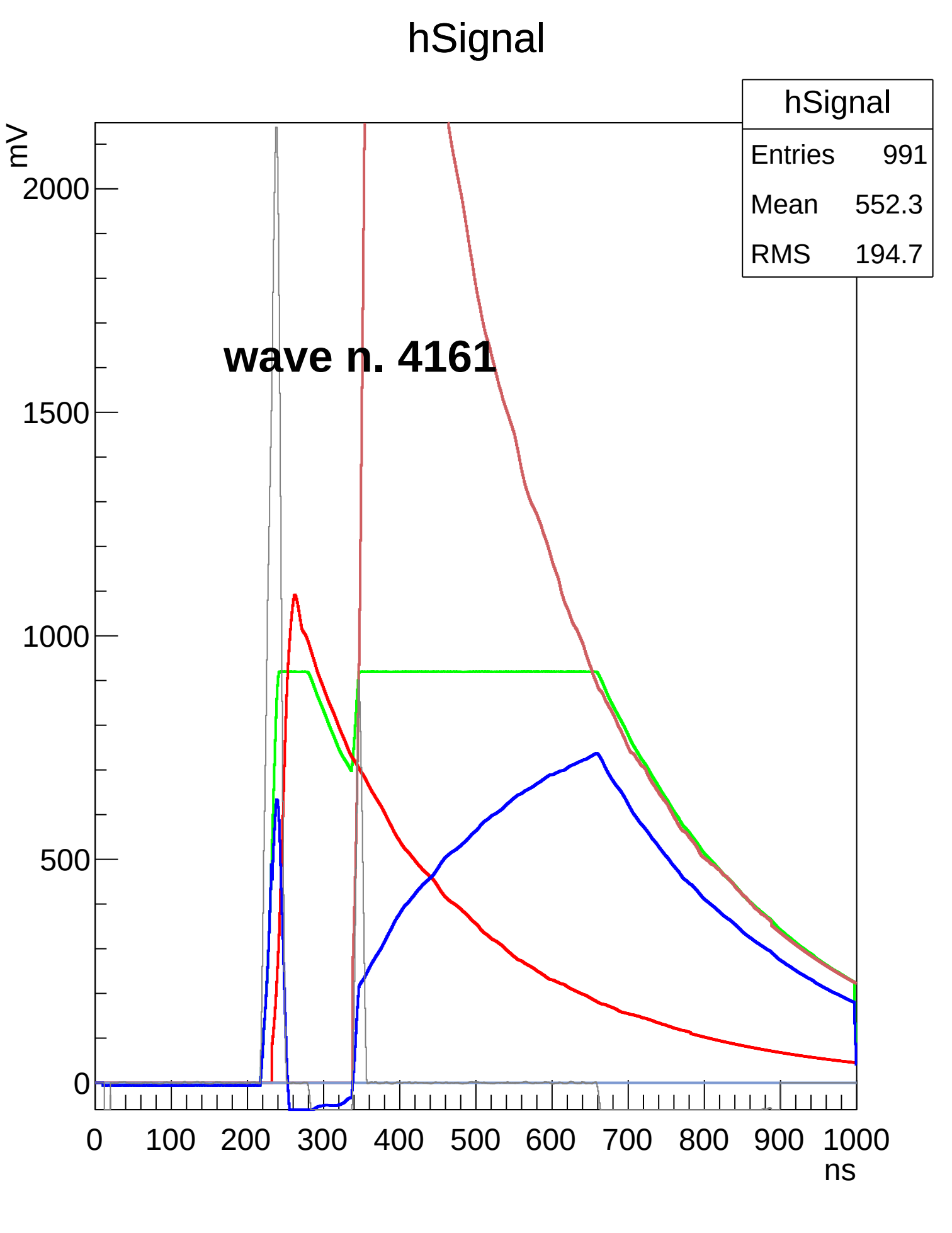
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 557.9
RMS 164.4
wave n. 4158
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 563.7
RMS 179.8
wave n. 4159
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 540.5
RMS 126.6
wave n. 4160
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 552.3
RMS 194.7
wave n. 4161
mV
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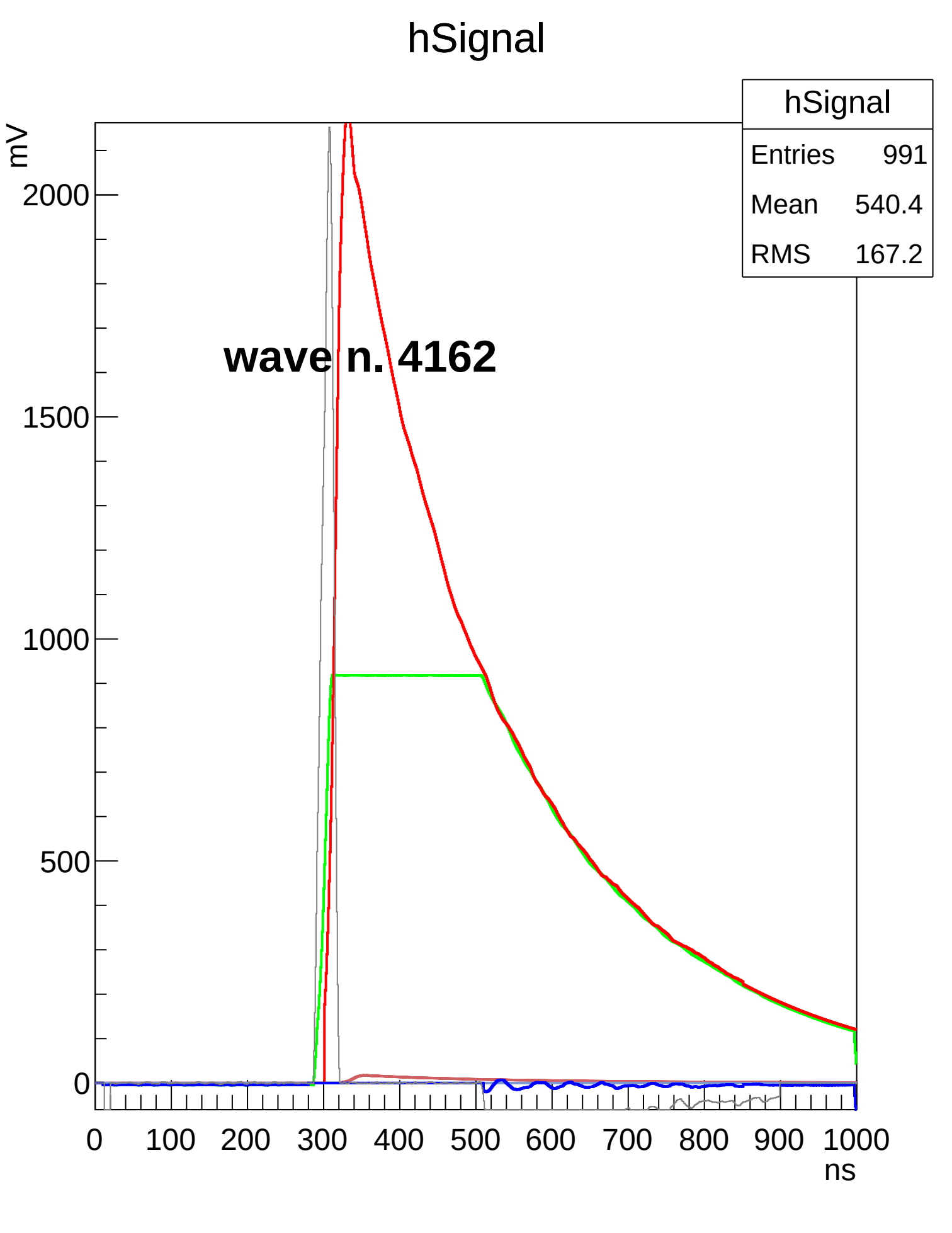
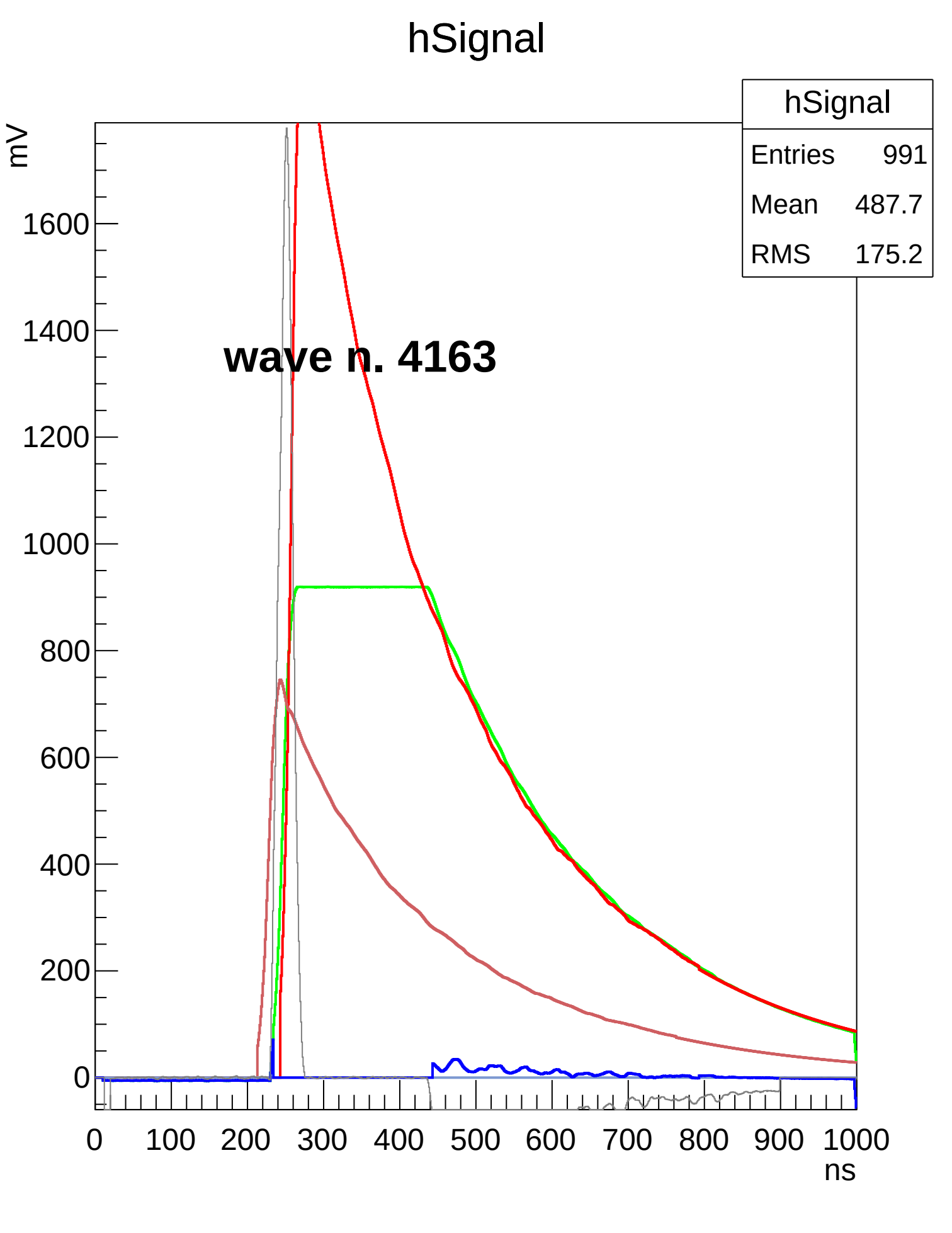
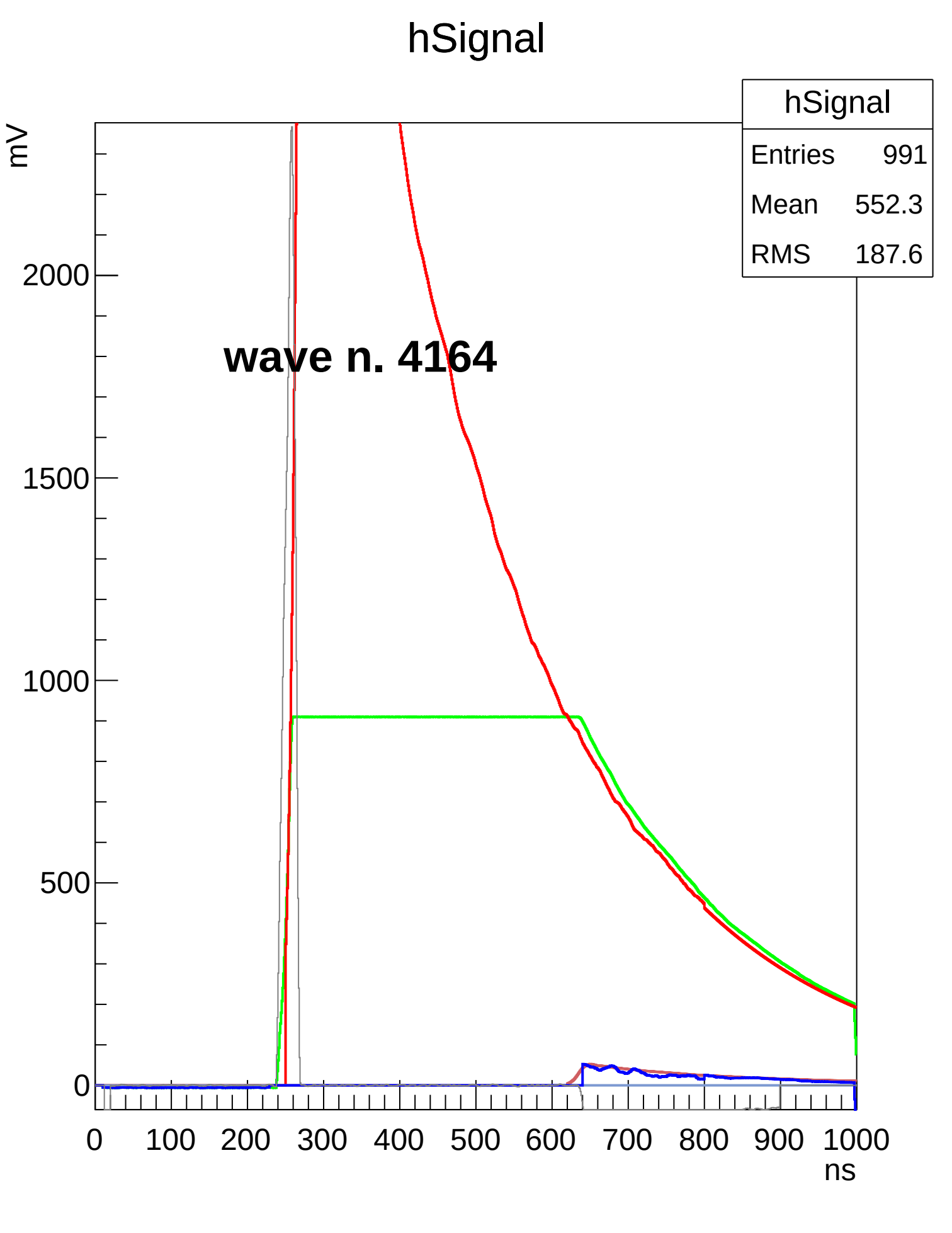
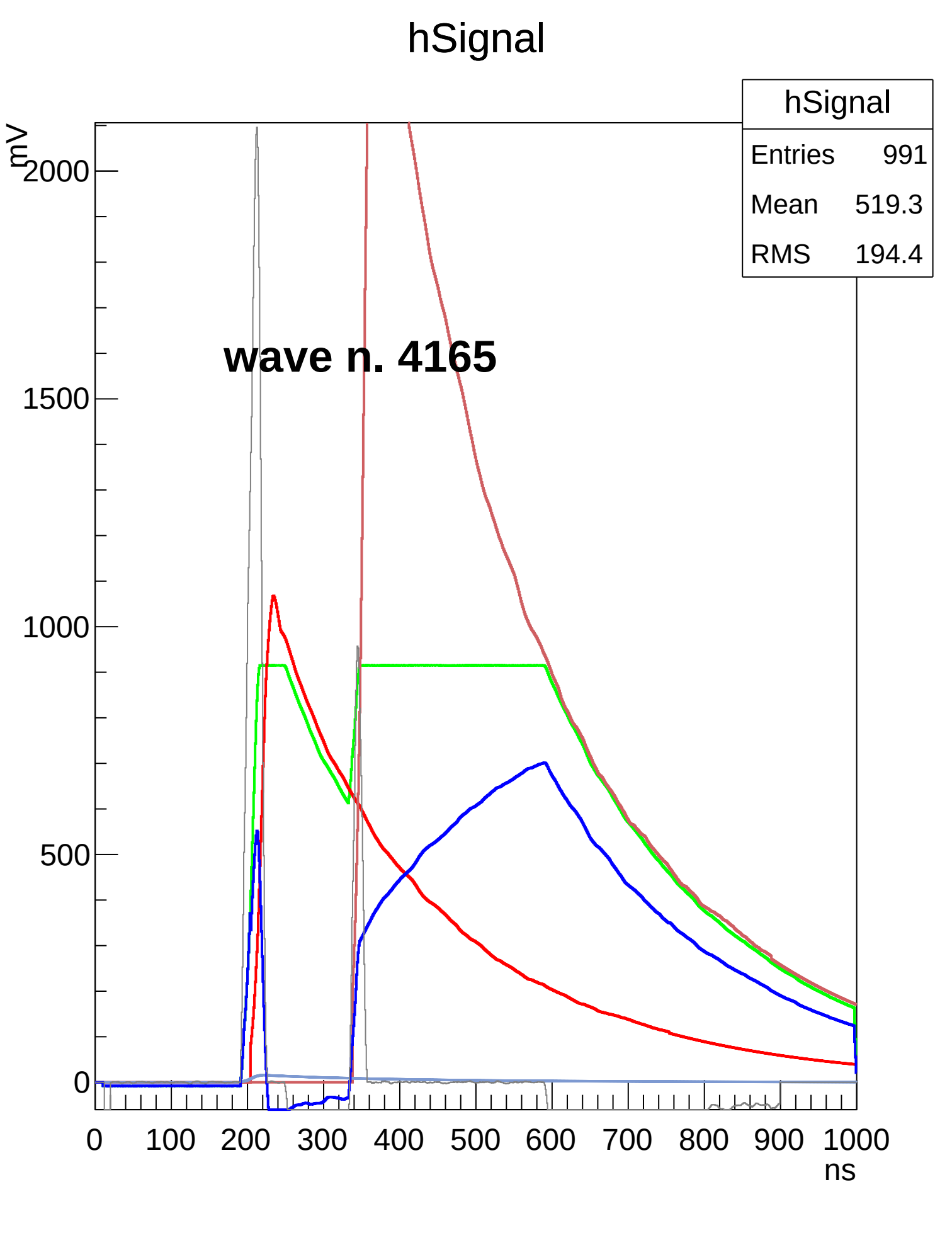
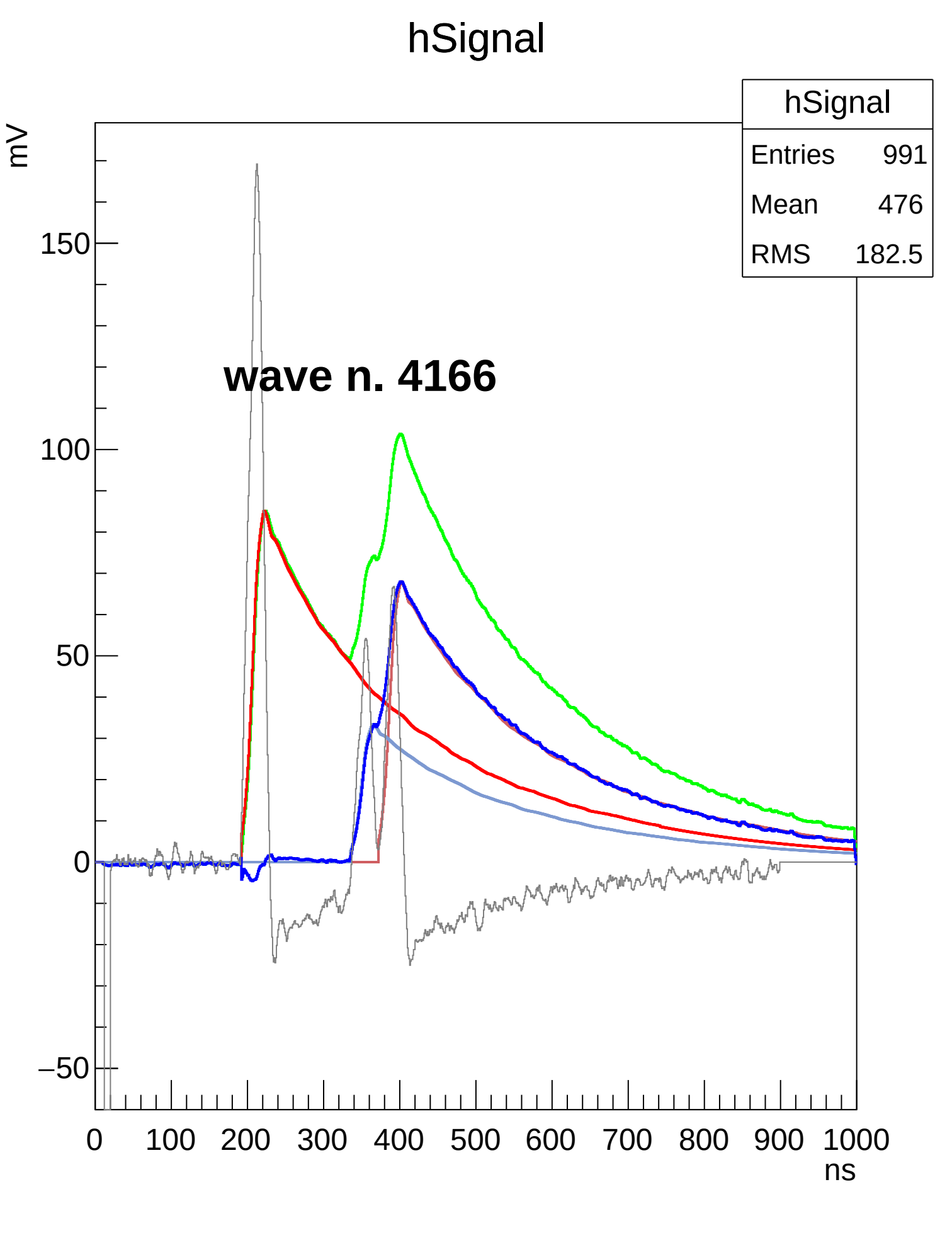
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

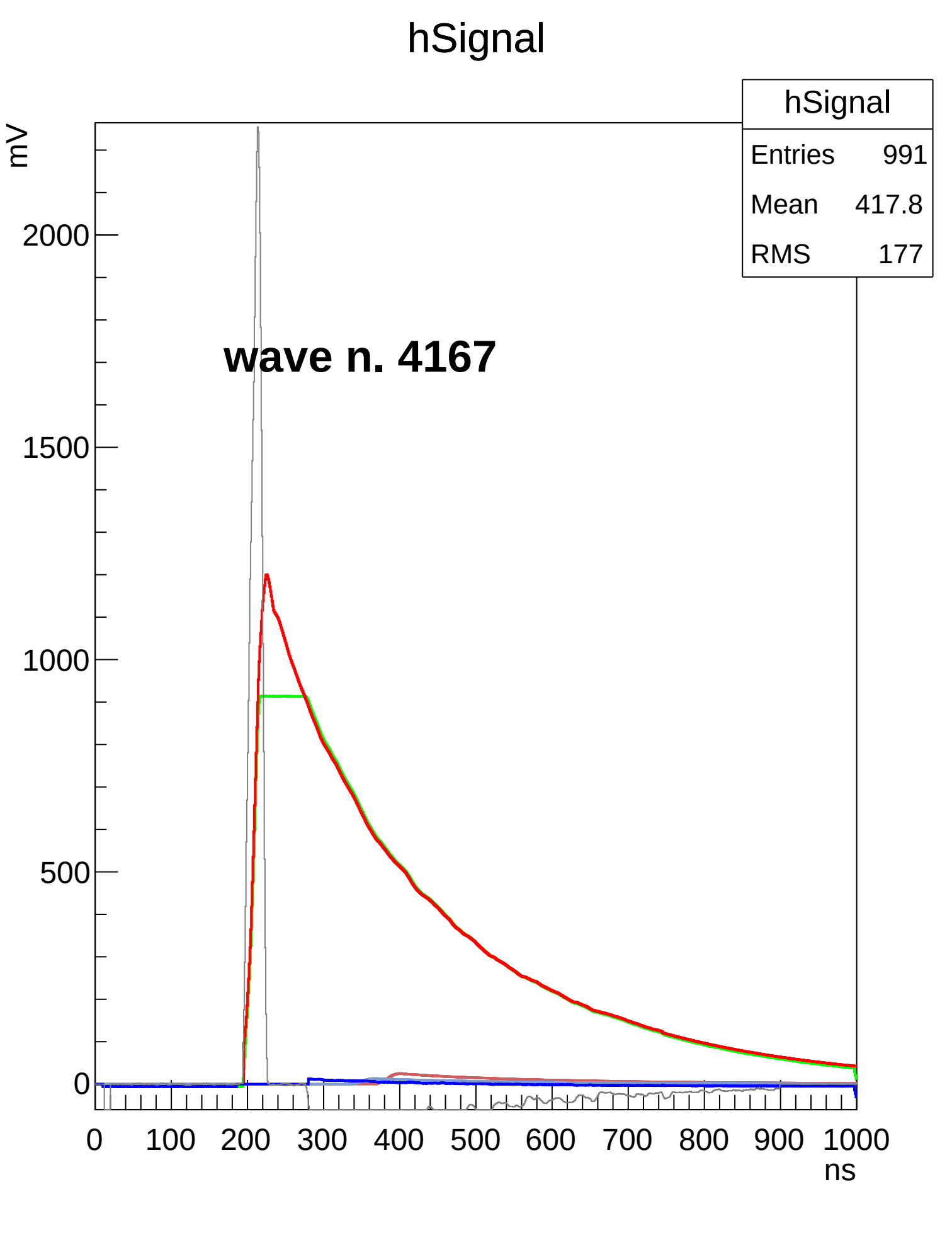

hSignal
hSignal
Entries 991
Mean 540.4
RMS 167.2
wave n. 4162
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

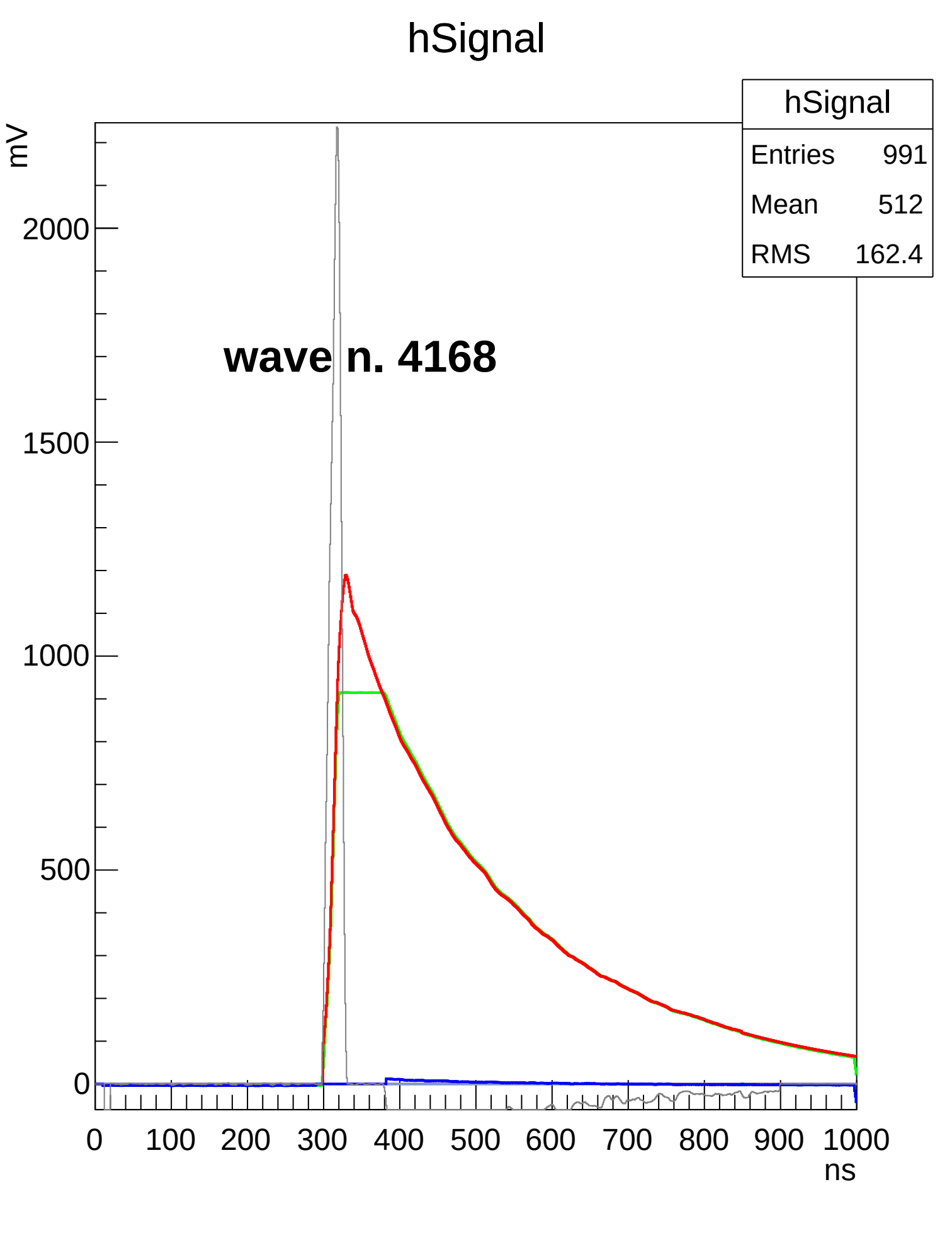

hSignal
hSignal
Entries 991
Mean 487.7
RMS 175.2
wave n. 4163
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

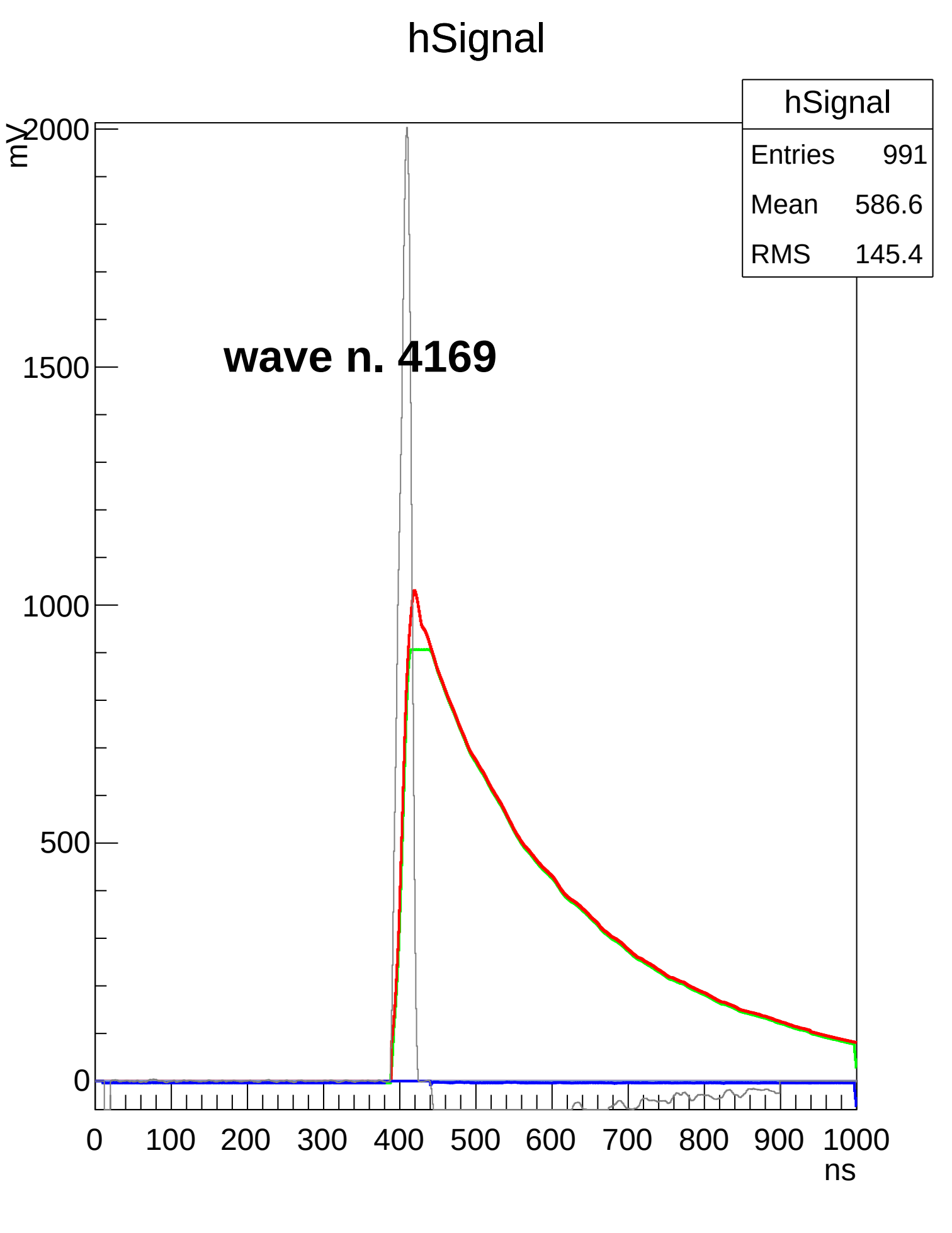

hSignal
hSignal
Entries 991
Mean 552.3
RMS 187.6
wave n. 4164
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

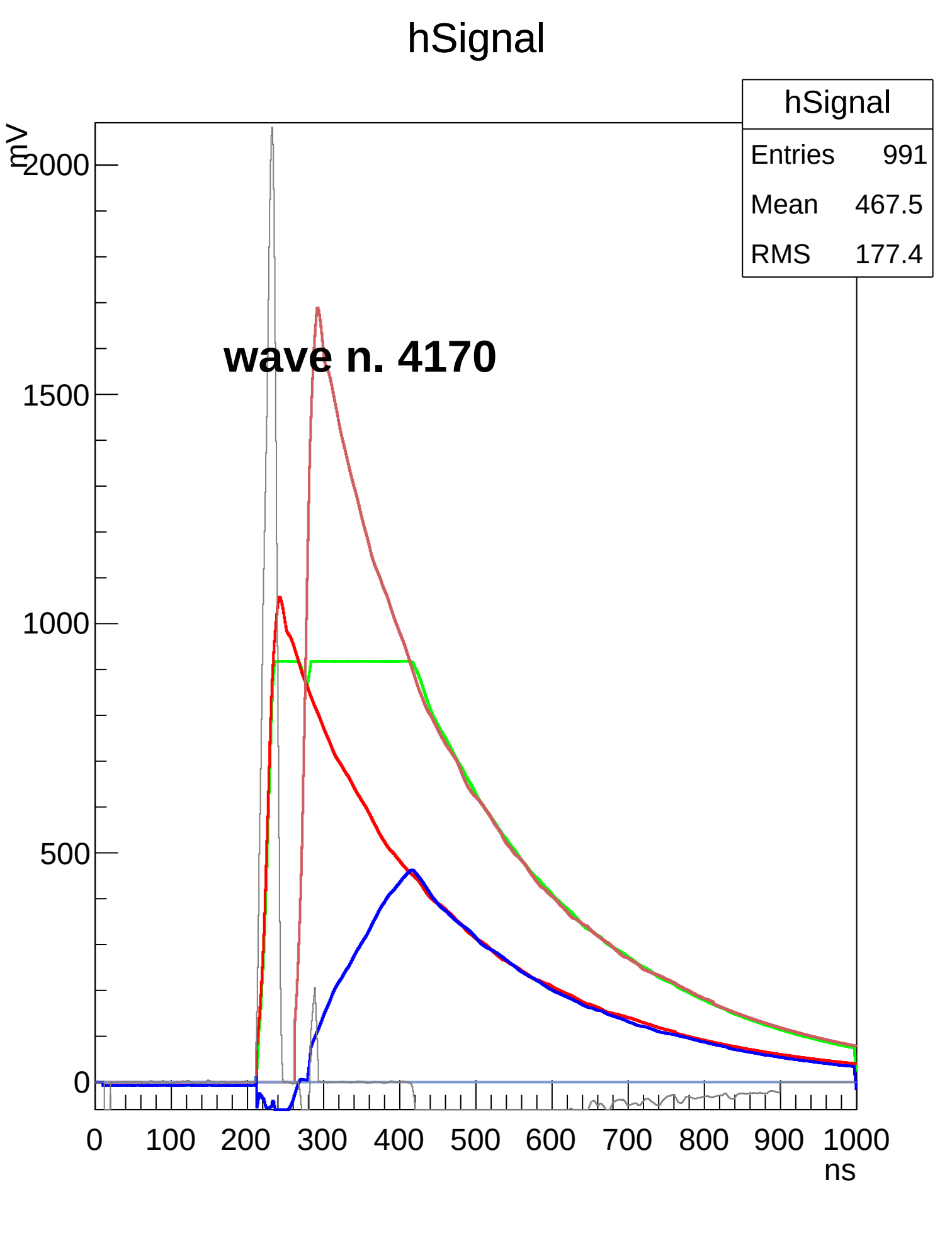

hSignal
hSignal
Entries 991
Mean 519.3
RMS 194.4
wave n. 4165
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

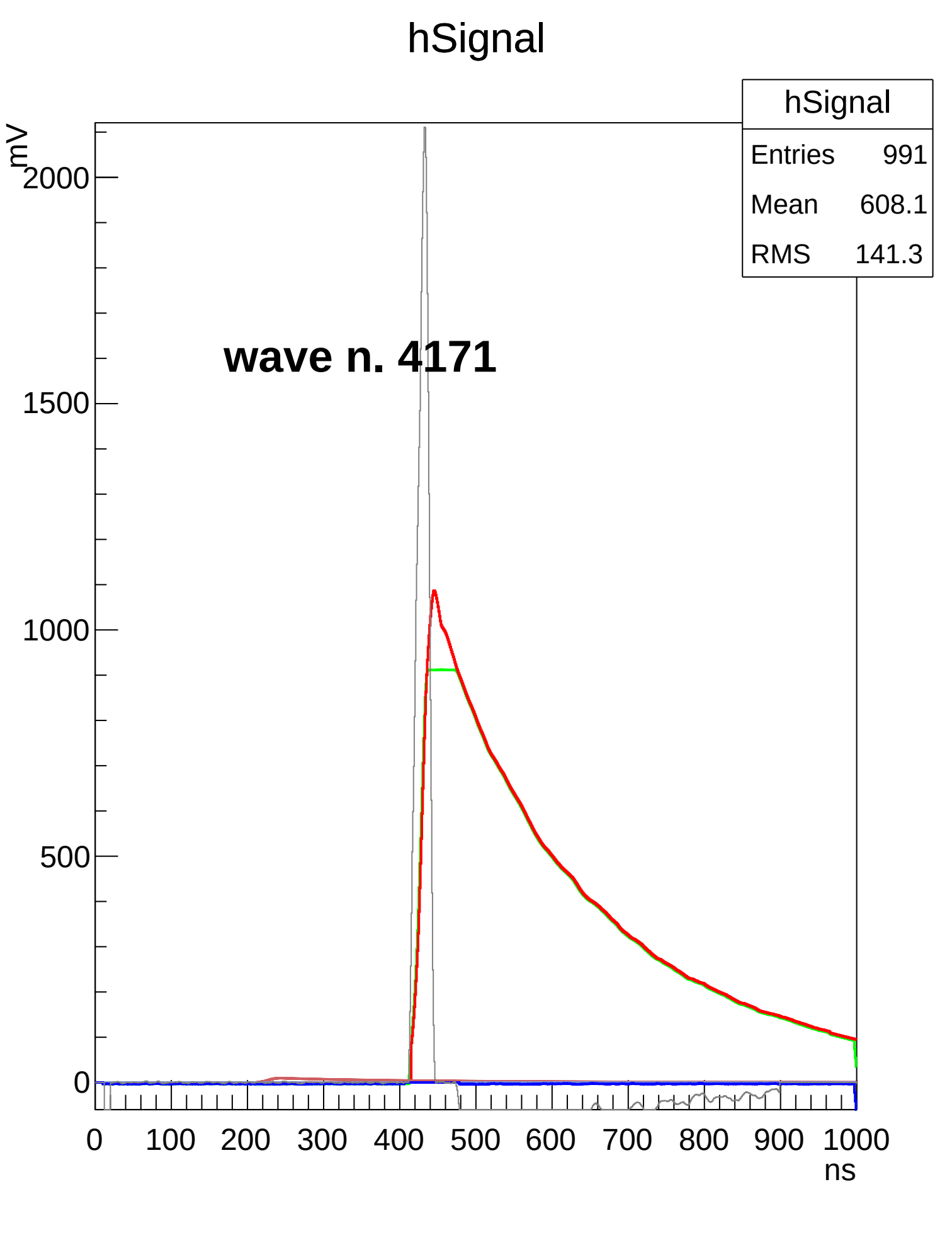

hSignal
hSignal
Entries 991
Mean 476
RMS 182.5
wave n. 4166
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

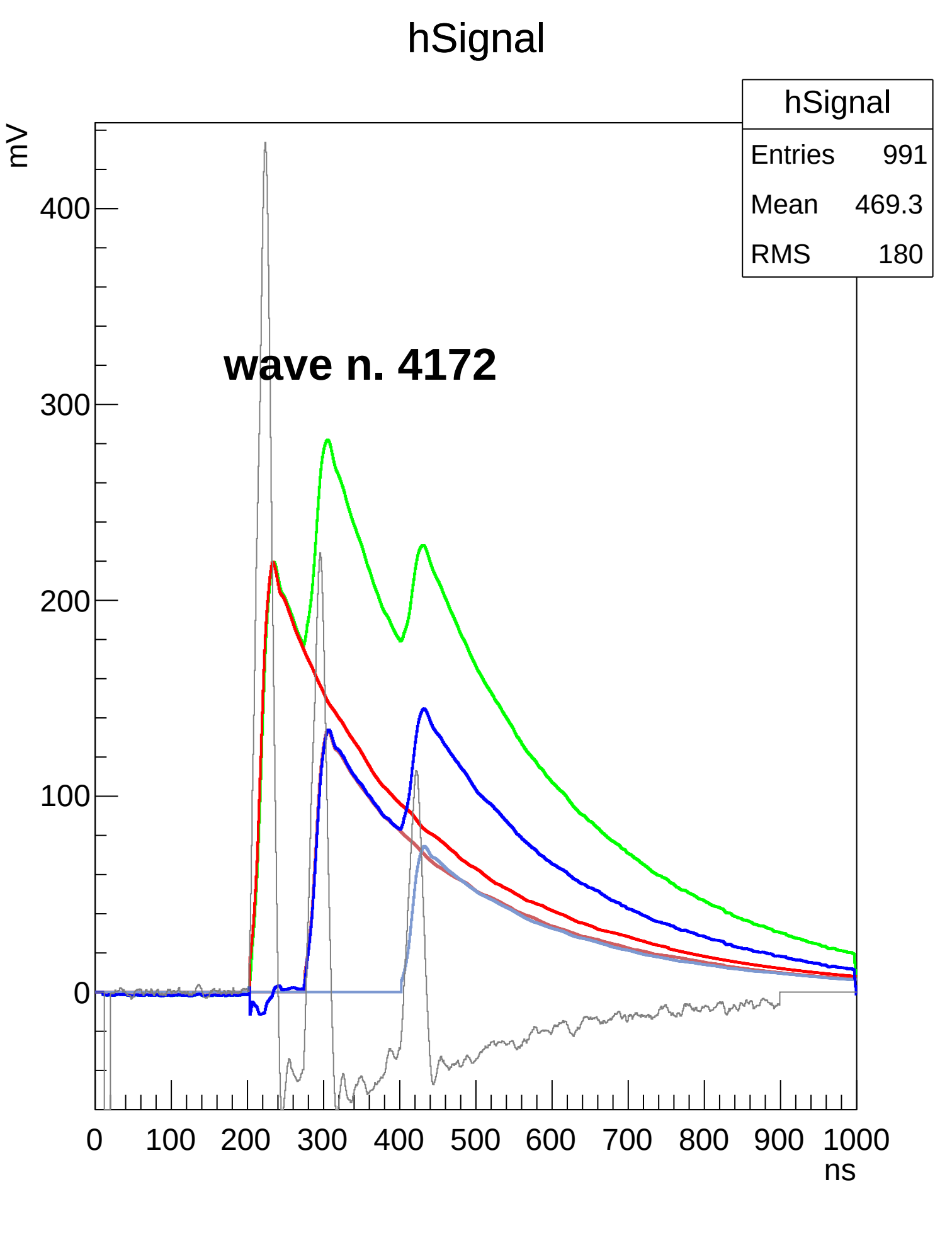

hSignal
hSignal
Entries 991
Mean 417.8
RMS 177
wave n. 4167
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

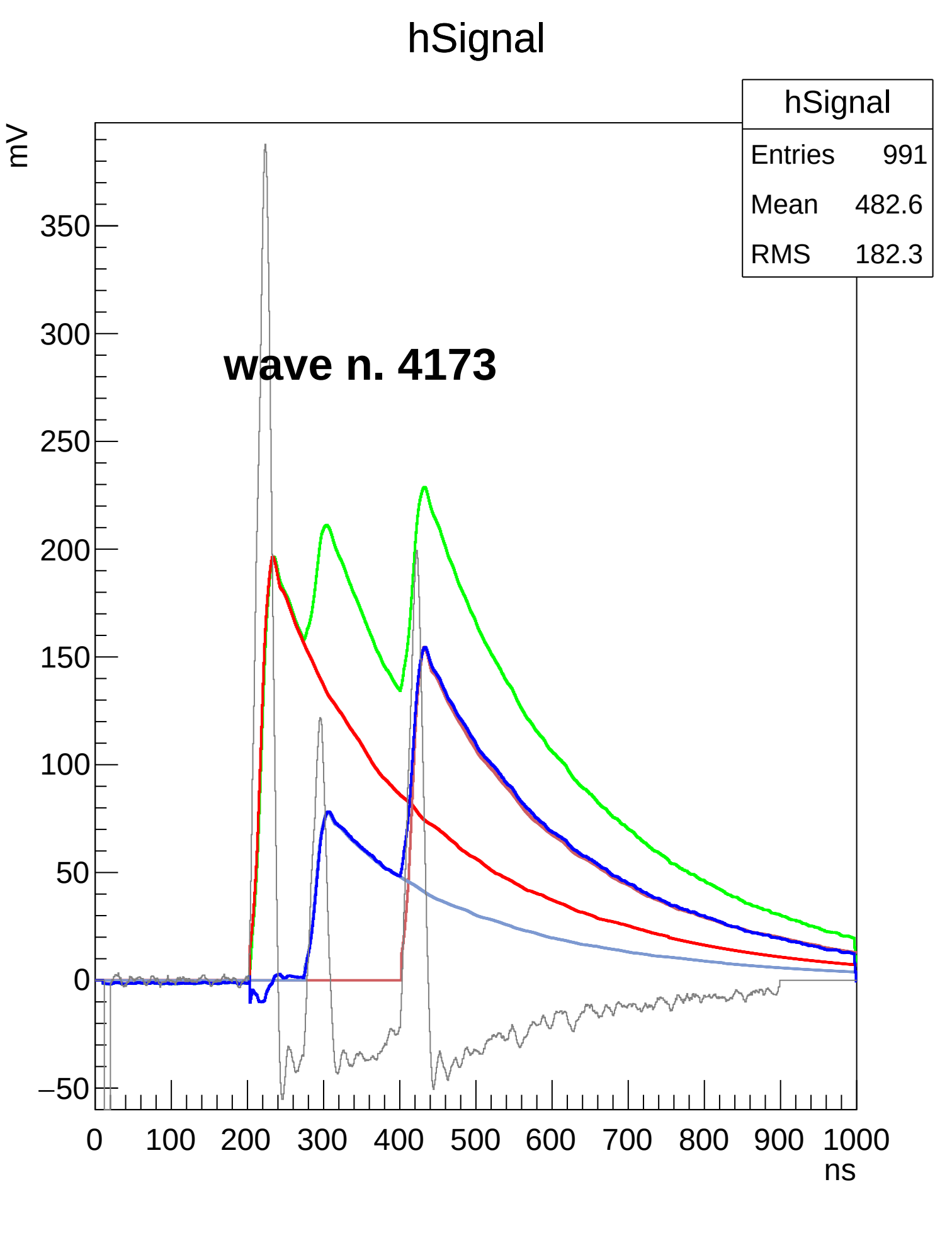

hSignal
hSignal
Entries 991
Mean 512
RMS 162.4
wave n. 4168
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

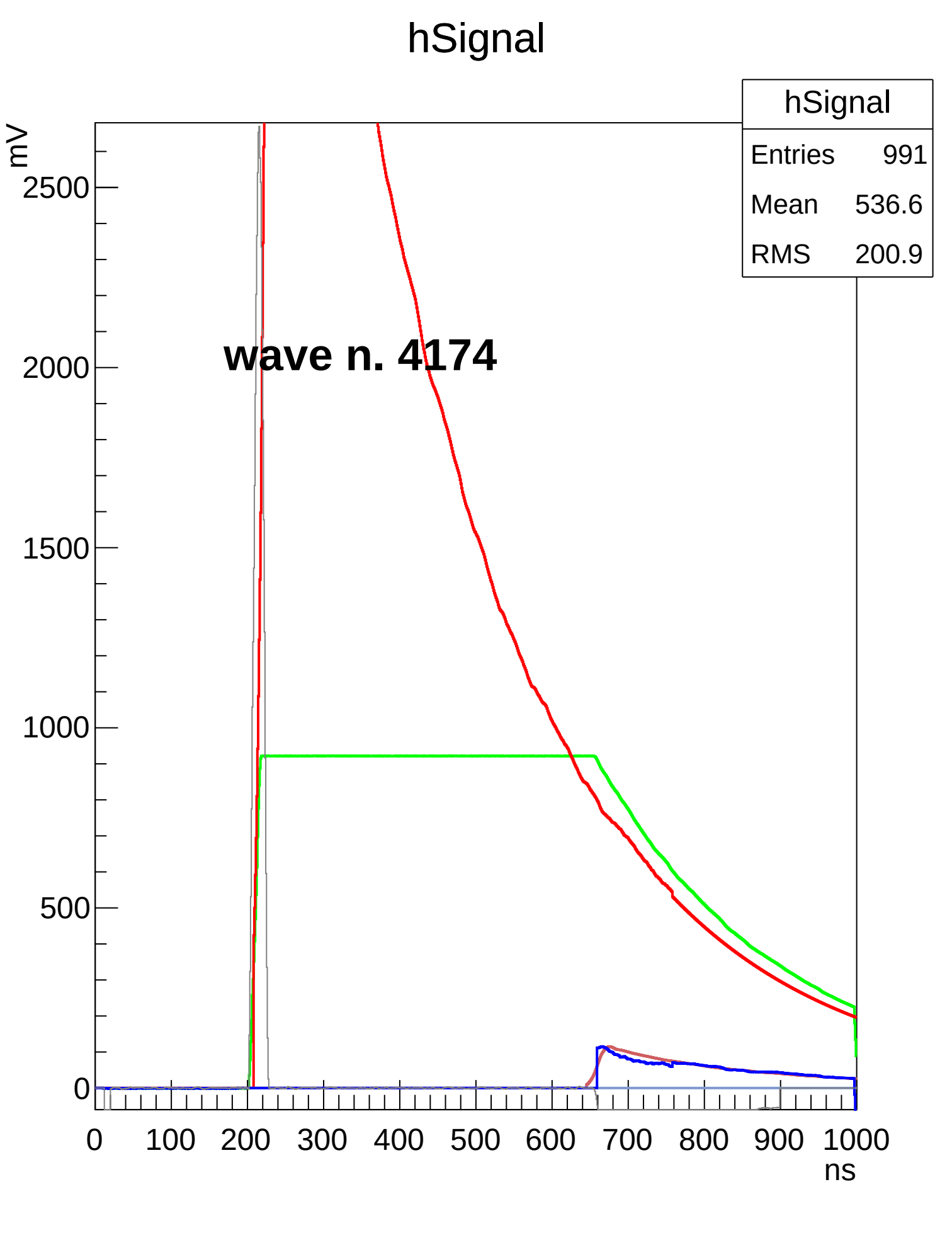

hSignal
hSignal
Entries 991
Mean 586.6
RMS 145.4
wave n. 4169
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

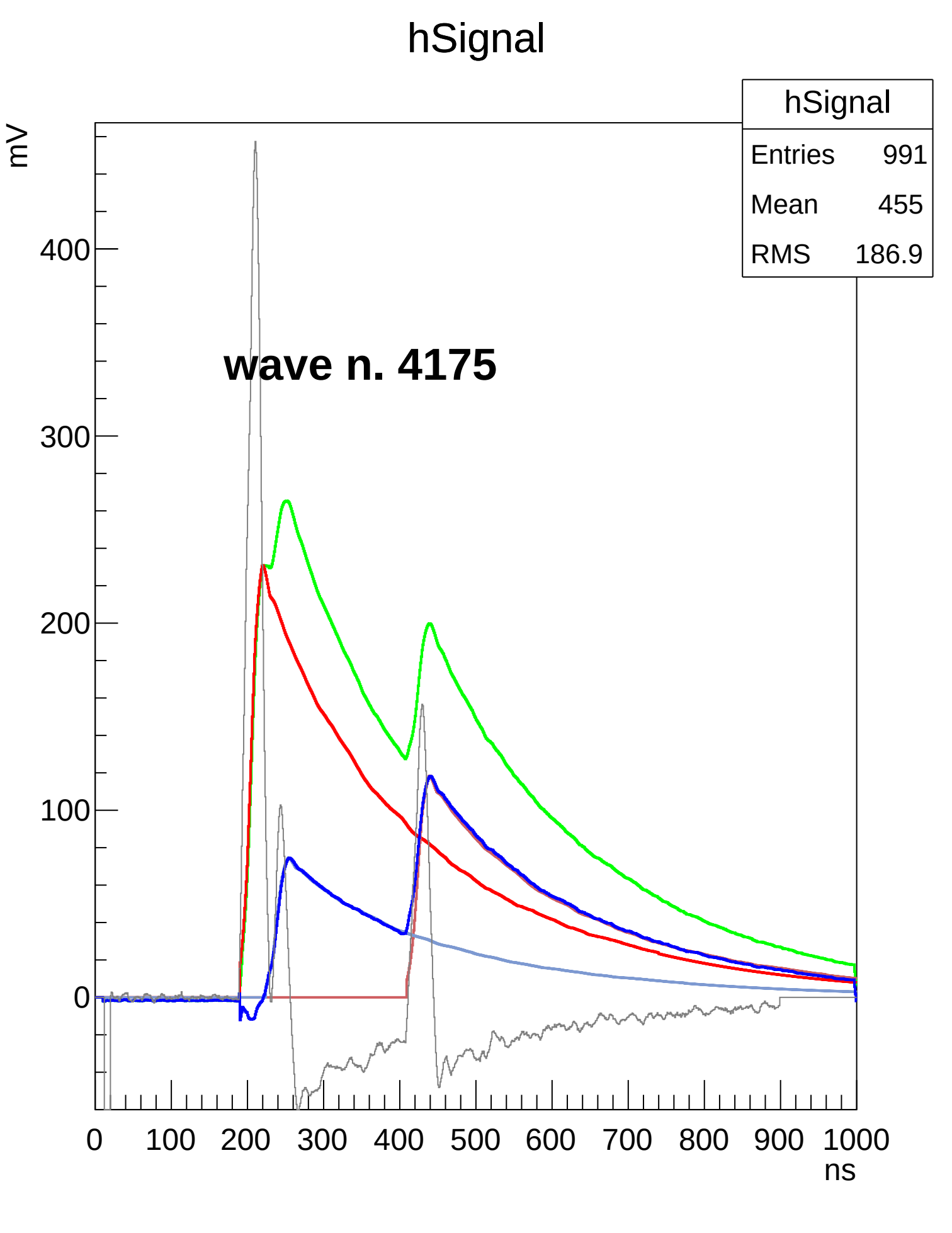

hSignal
hSignal
Entries 991
Mean 467.5
RMS 177.4
wave n. 4170
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

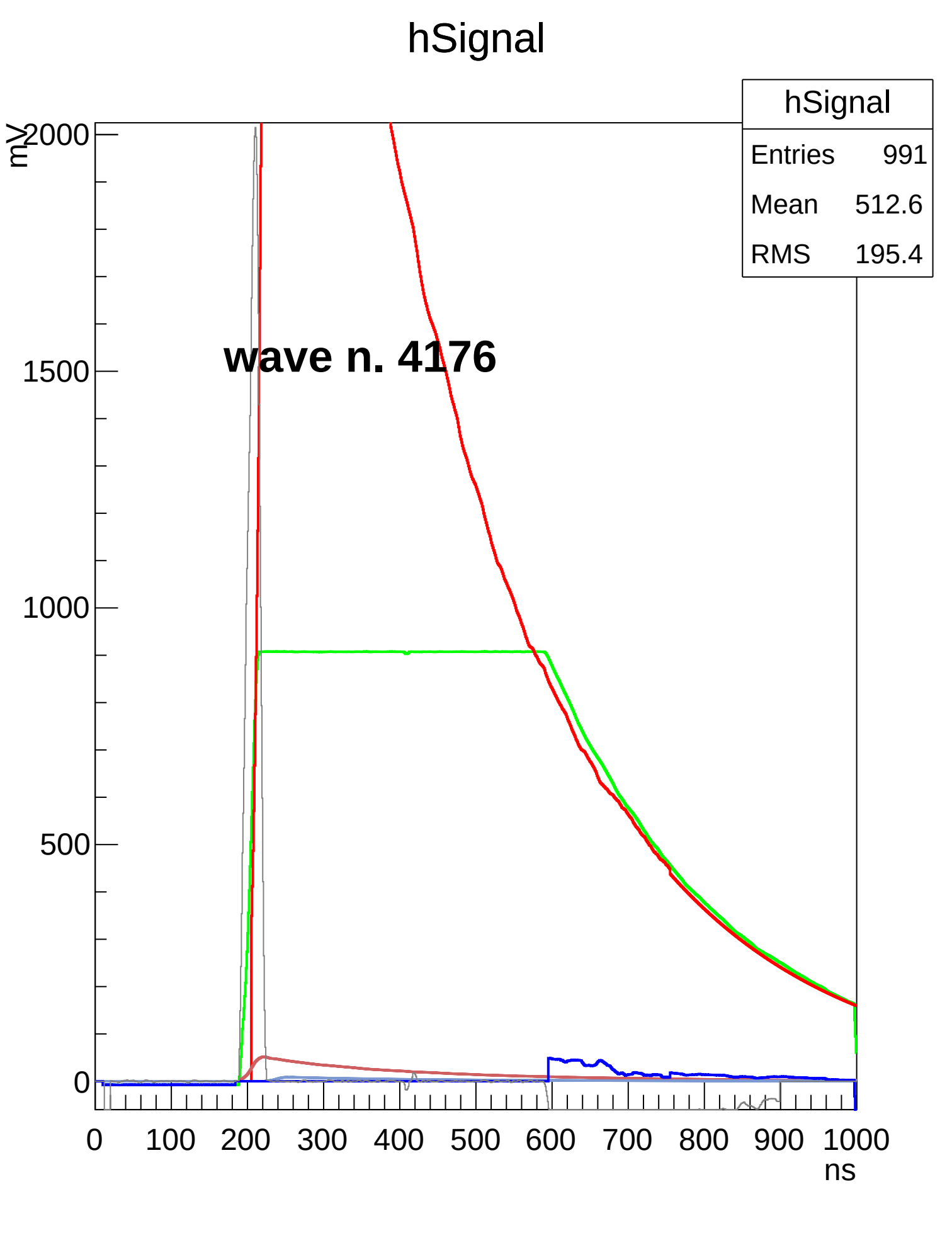

hSignal
hSignal
Entries 991
Mean 608.1
RMS 141.3
wave n. 4171
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

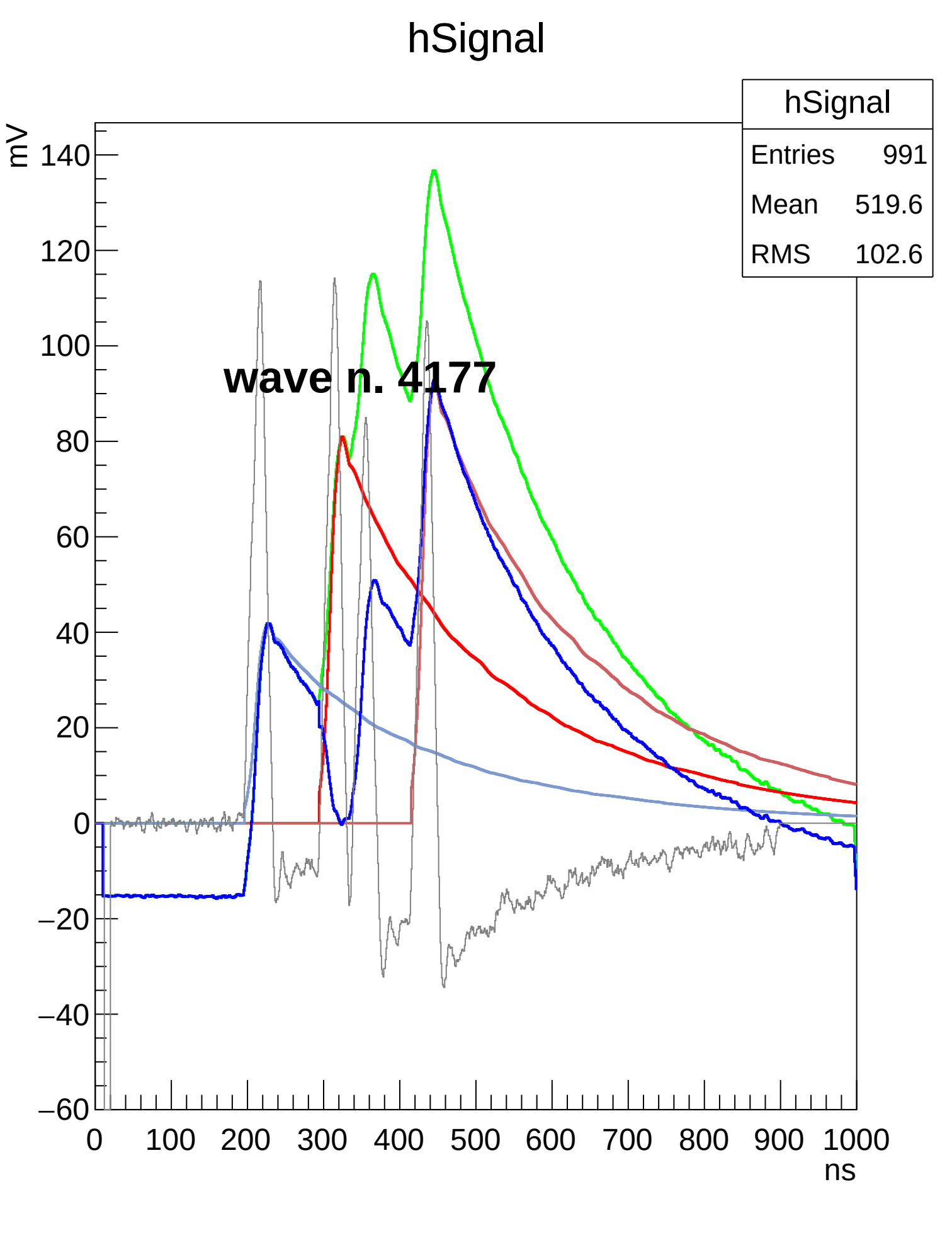

hSignal
hSignal
Entries 991
Mean 469.3
RMS 180
wave n. 4172
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns

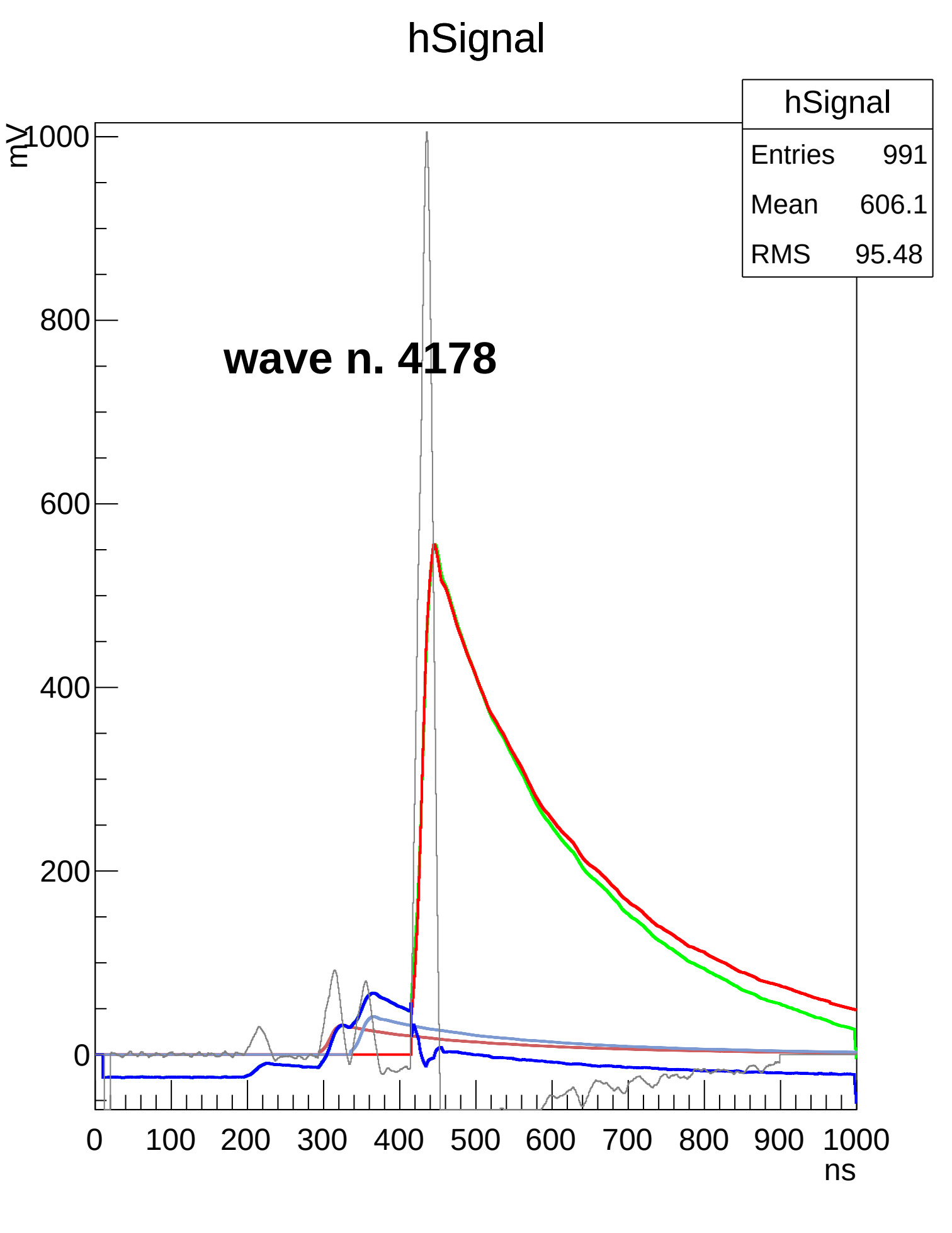

hSignal
hSignal
Entries 991
Mean 482.6
RMS 182.3
wave n. 4173
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

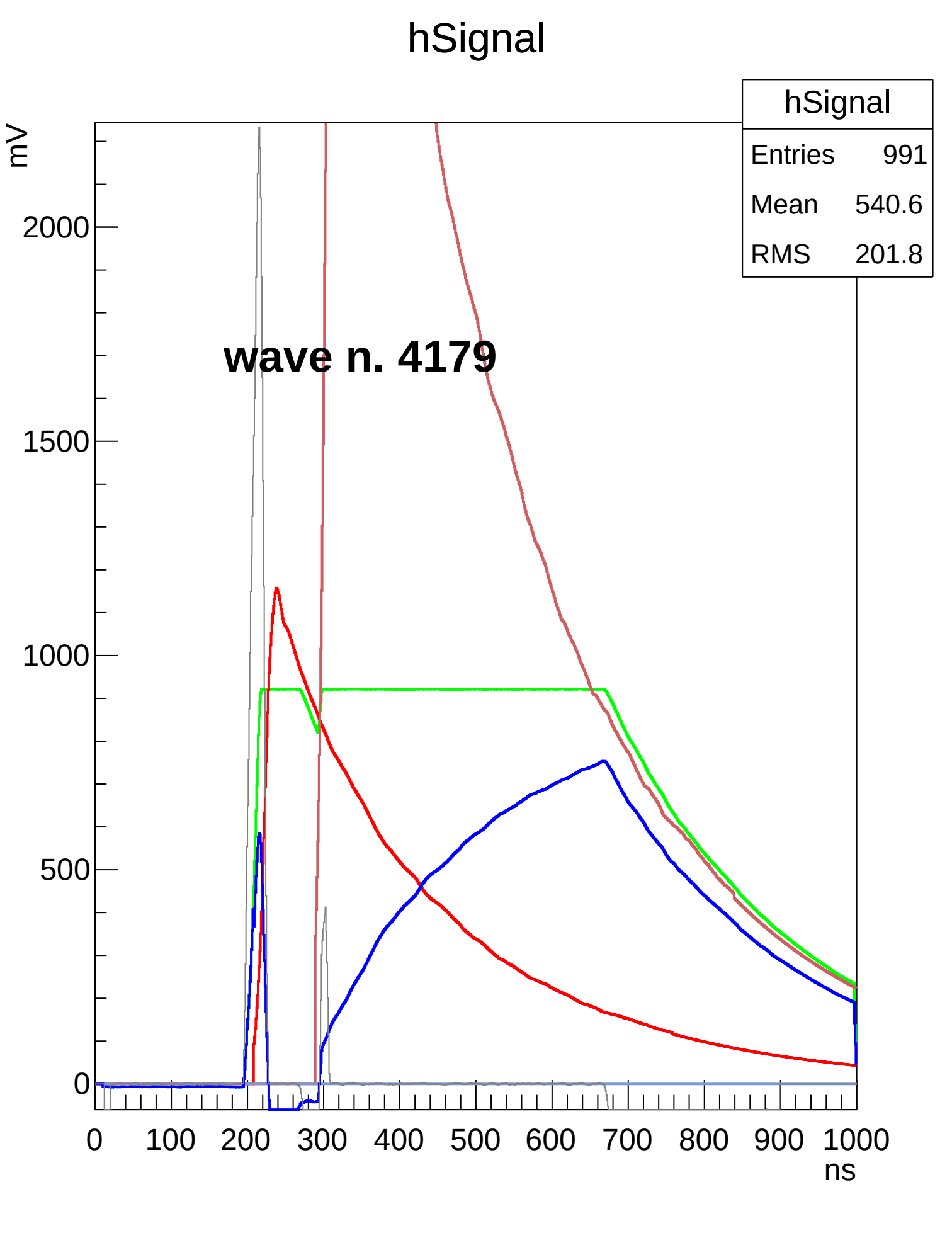

hSignal
hSignal
Entries 991
Mean 536.6
RMS 200.9
wave n. 4174
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 455
RMS 186.9
wave n. 4175
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 512.6
RMS 195.4
wave n. 4176
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.6
RMS 102.6
wave n. 4177
mV
140
120
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 606.1
RMS 95.48
wave n. 4178
mV
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 540.6
RMS 201.8
wave n. 4179
mV
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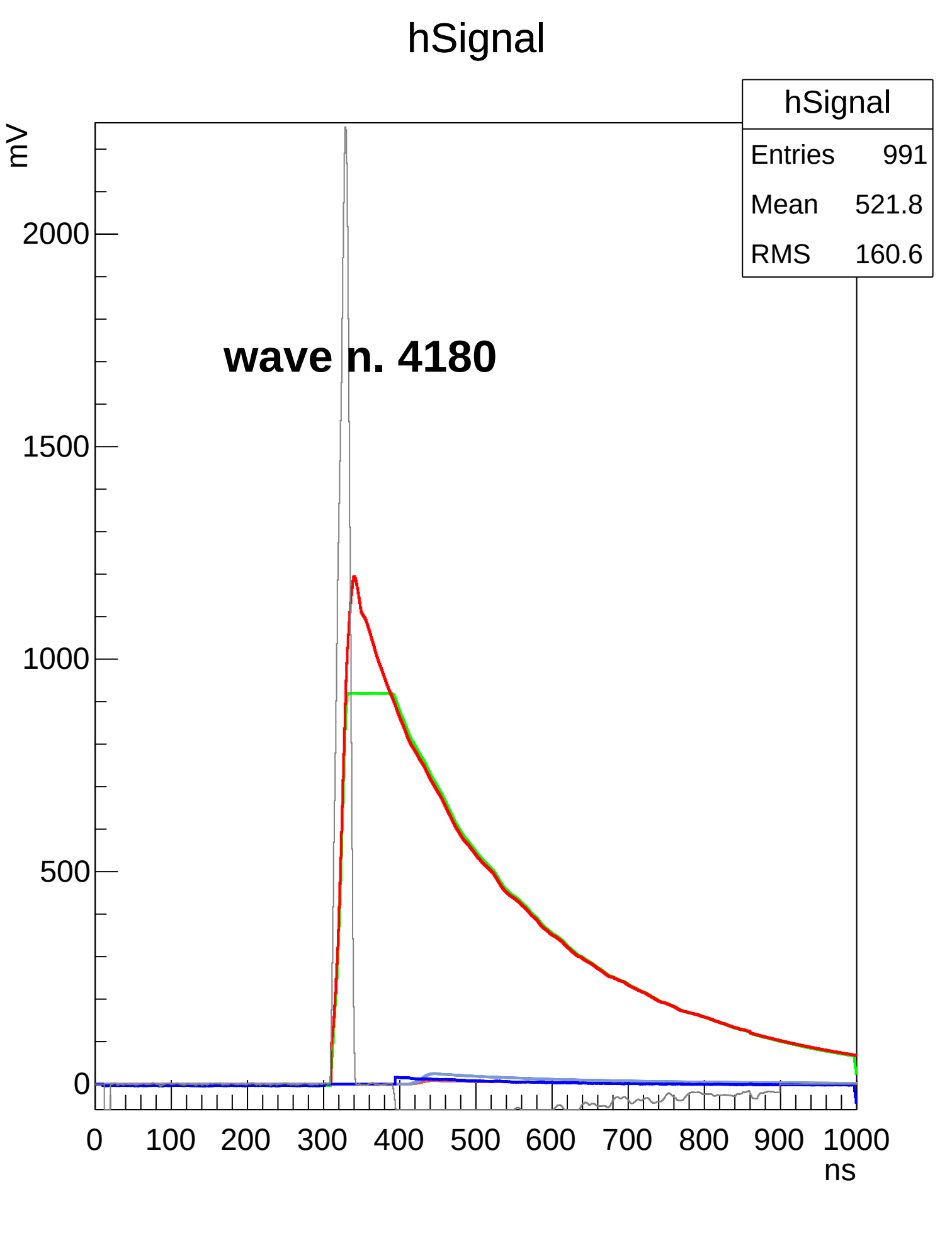
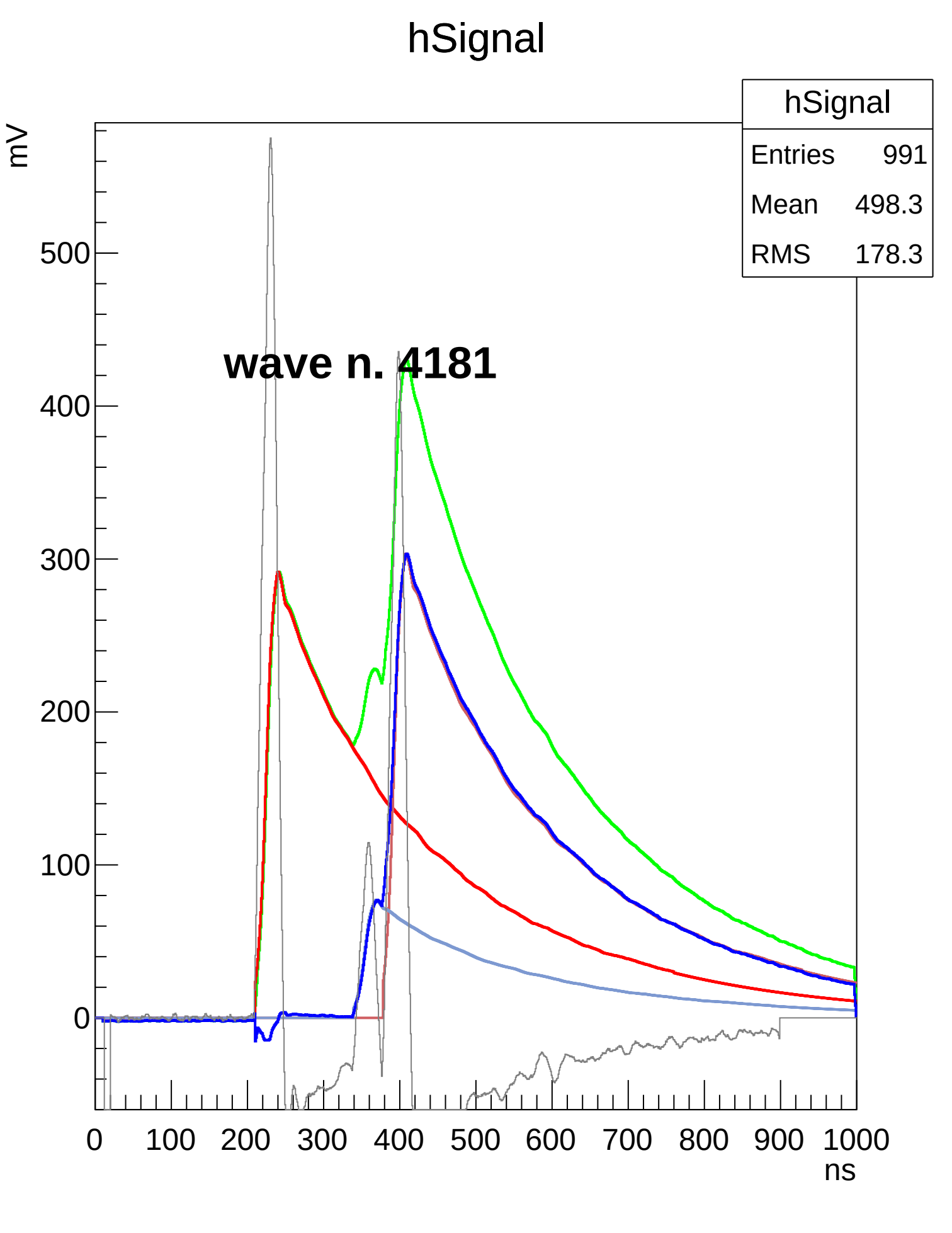
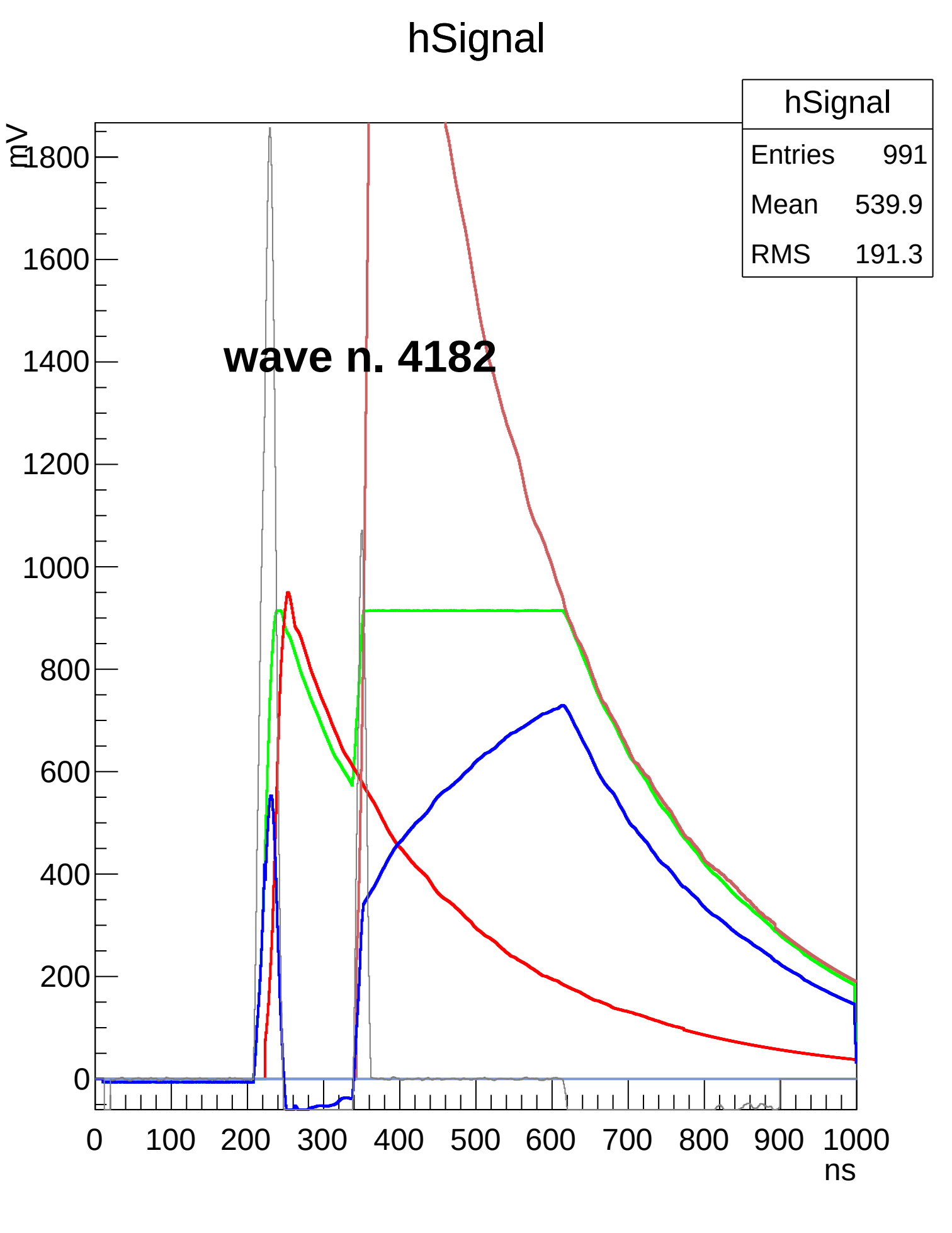
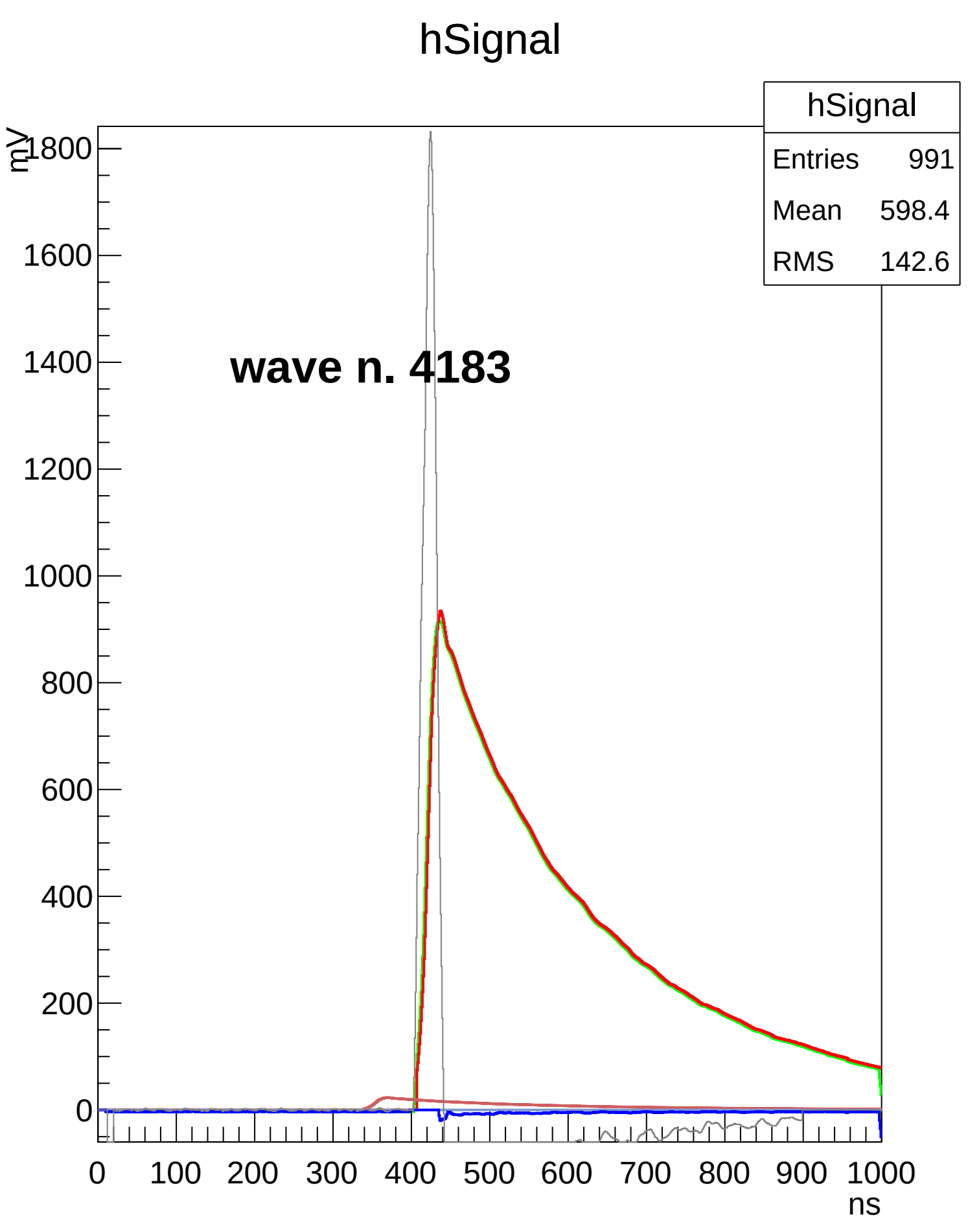
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521.8
RMS 160.6
wave n. 4180
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 498.3
RMS 178.3
wave n. 4181
mV
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 539.9
RMS 191.3
wave n. 4182
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 598.4
RMS 142.6
wave n. 4183
mV
1800
1600
1400
1200
1000
800
600
400
200
0
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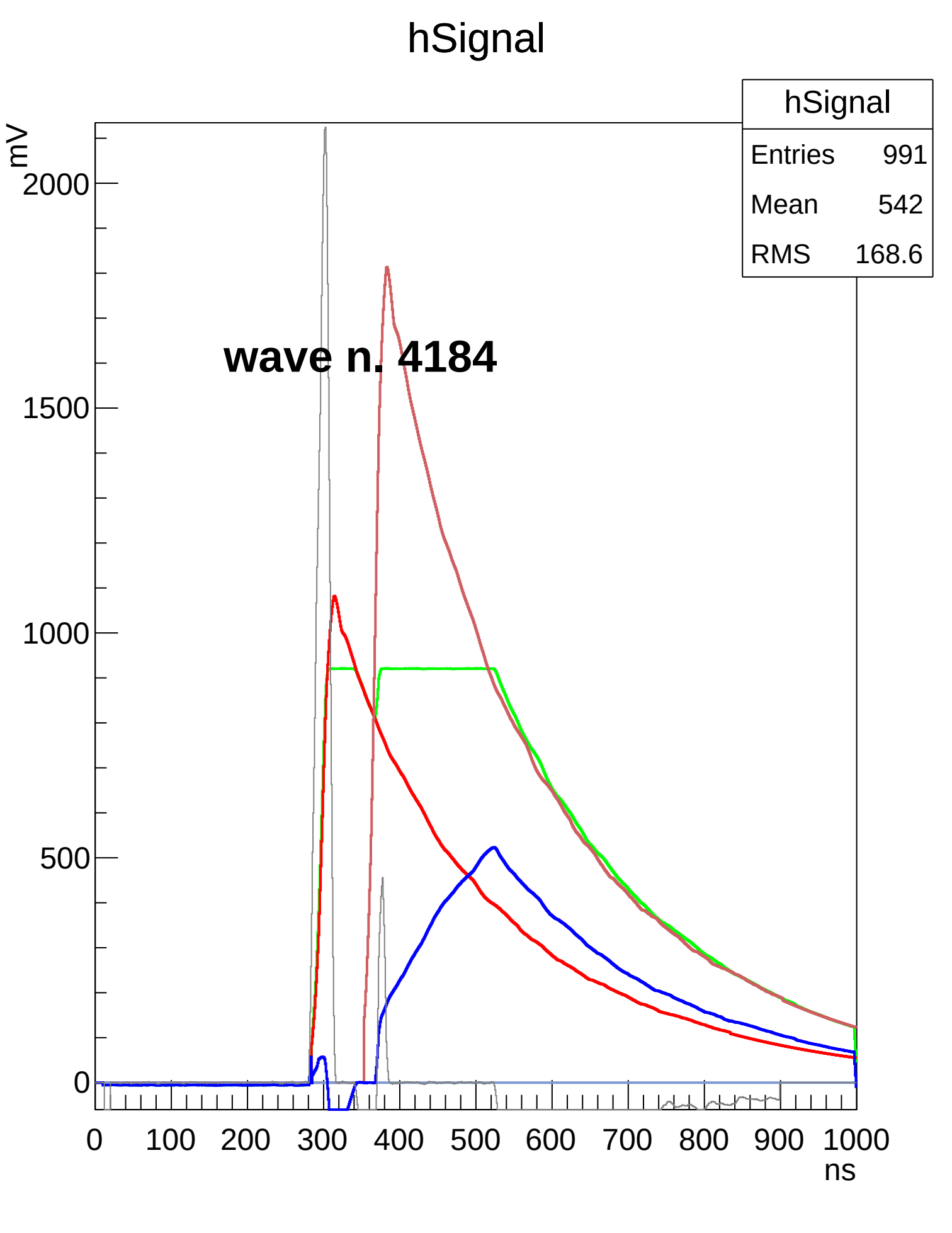
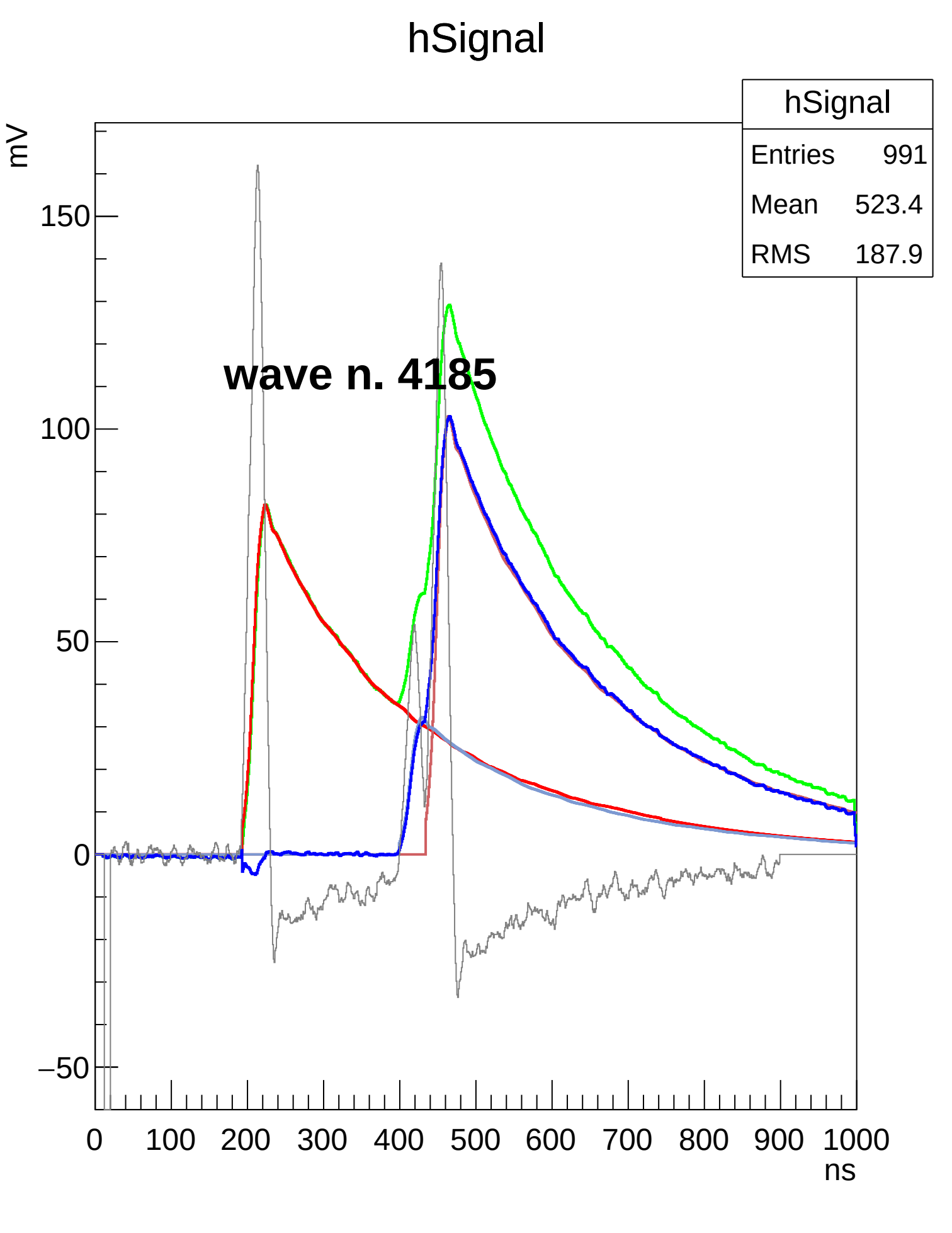
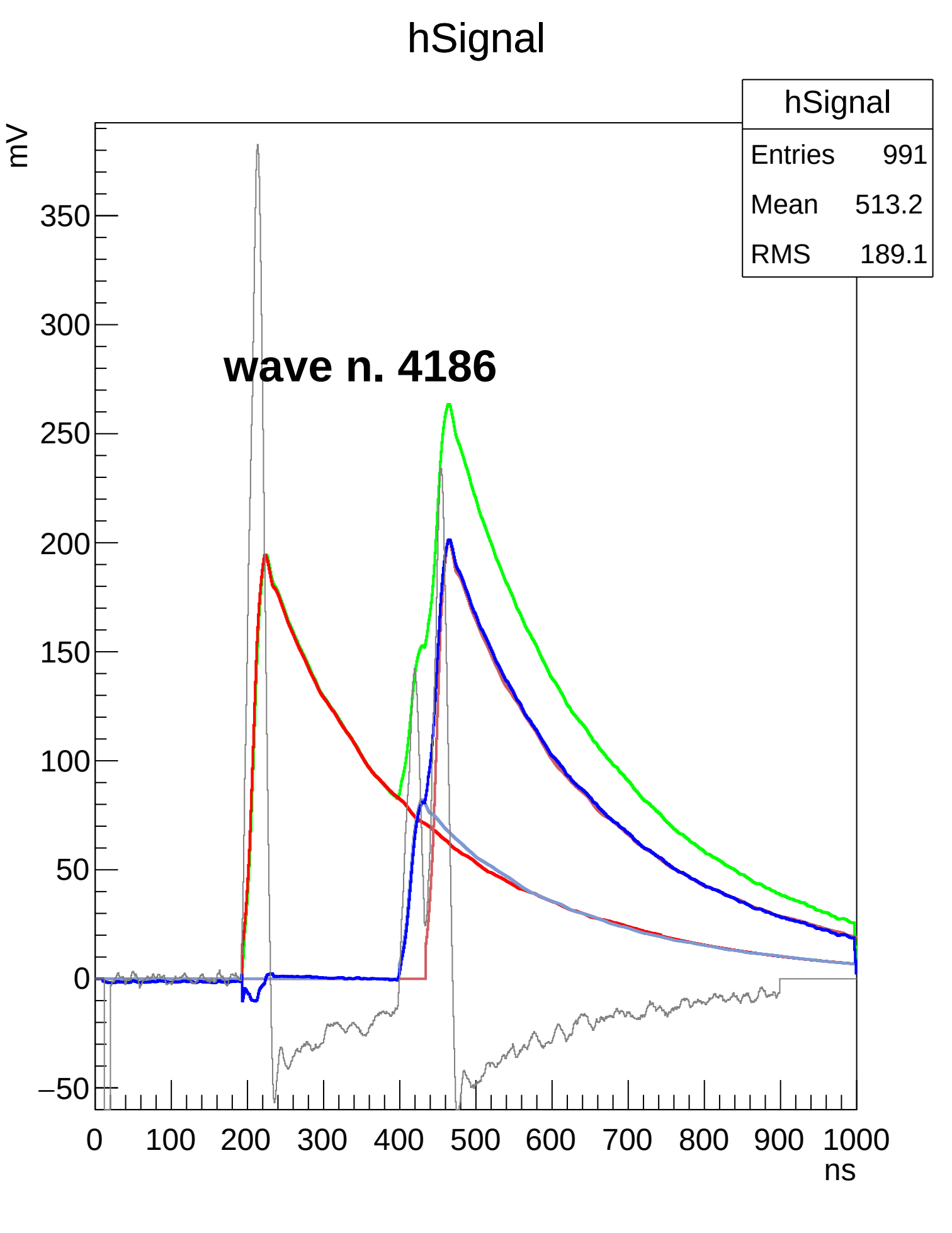
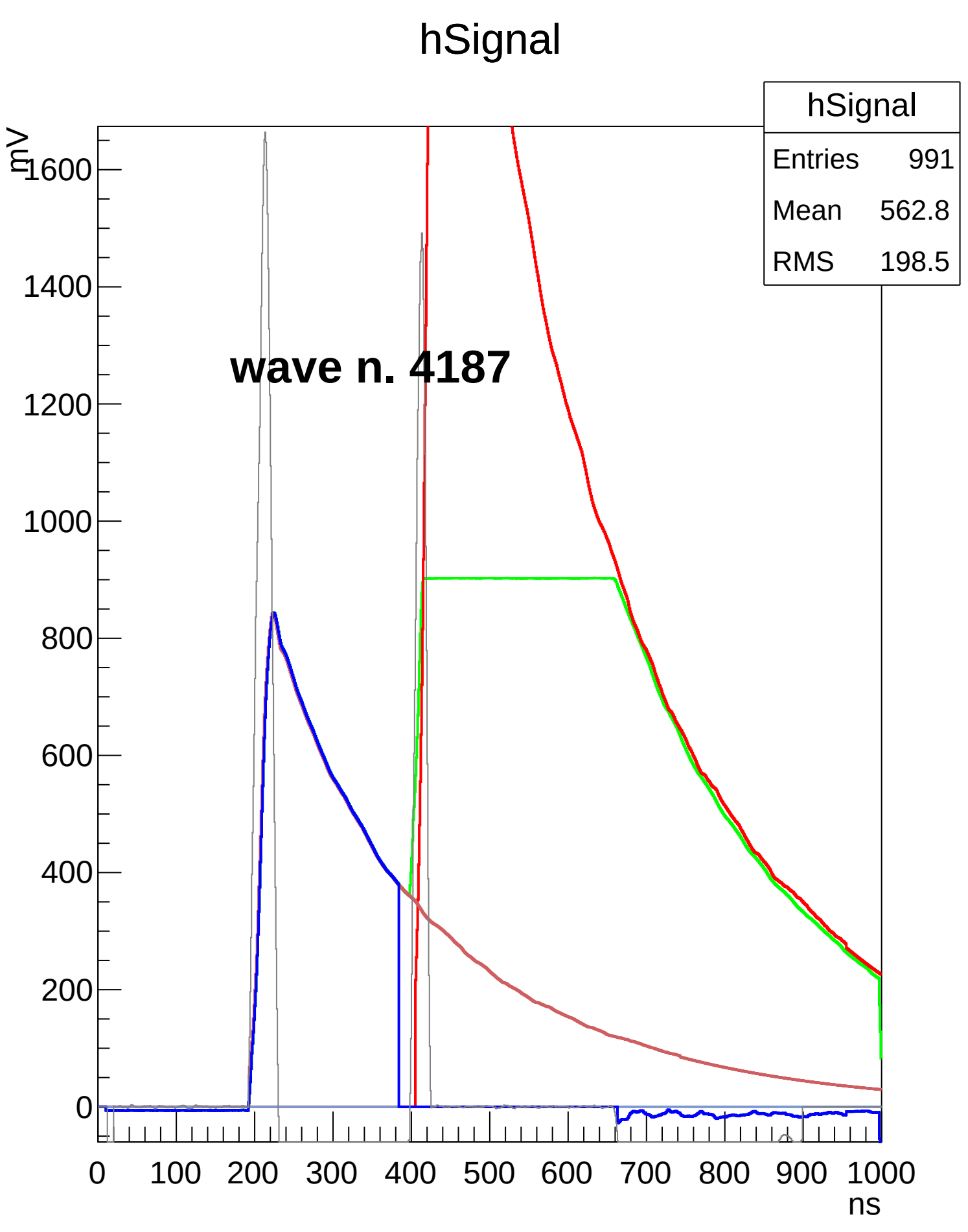
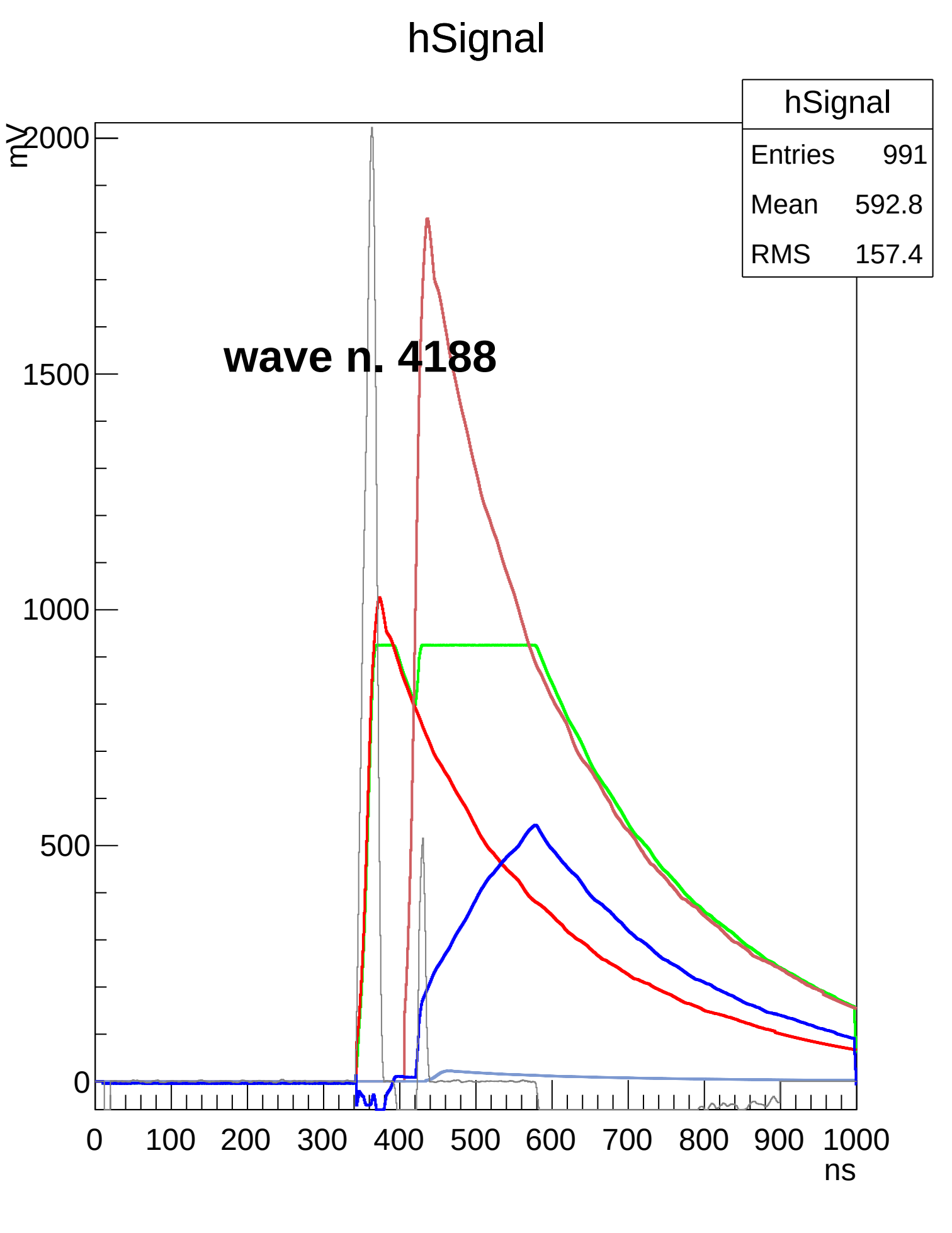
ns

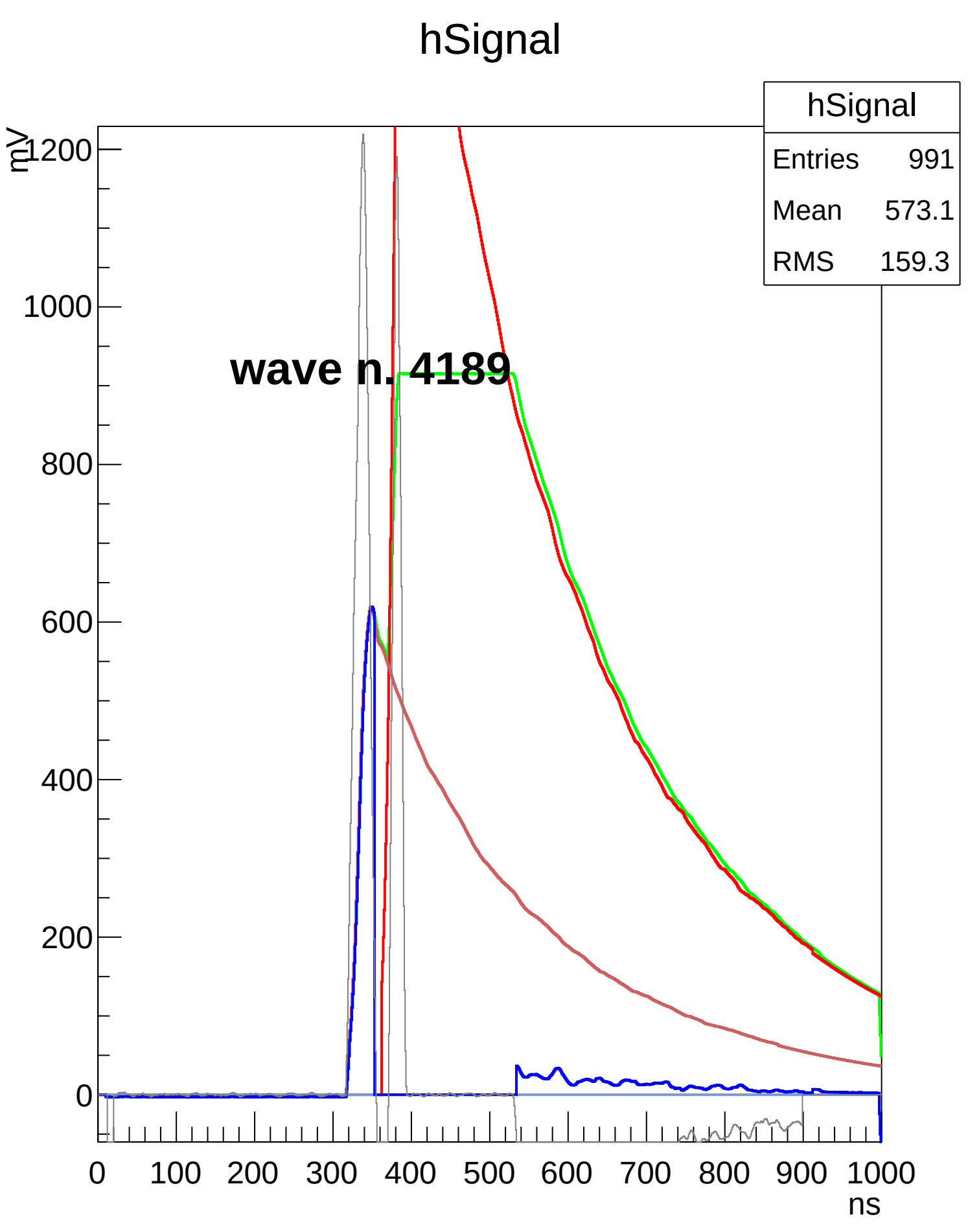

hSignal
hSignal
Entries 991
Mean 542
RMS 168.6
wave n. 4184
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

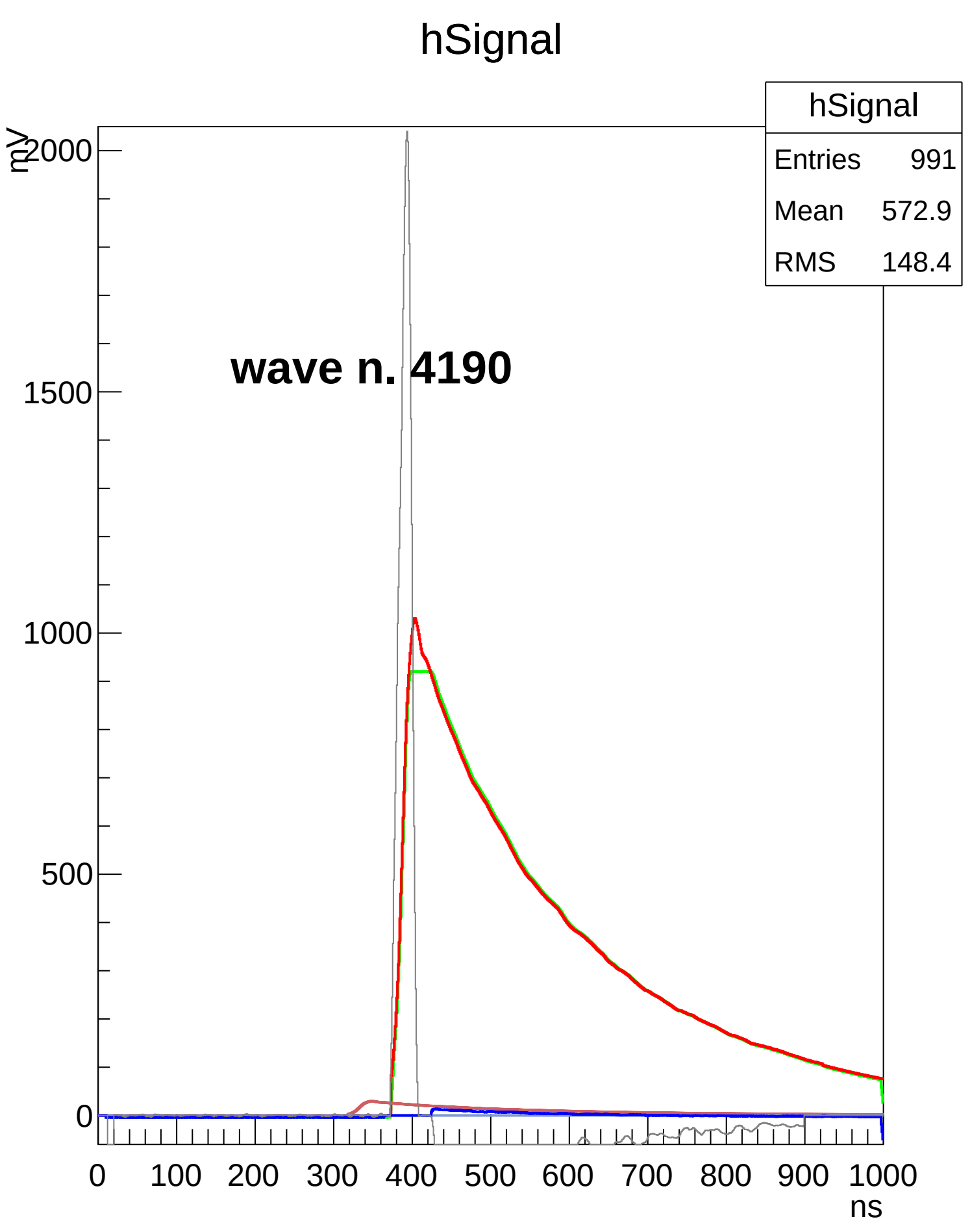

hSignal
hSignal
Entries 991
Mean 523.4
RMS 187.9
wave n. 4185
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

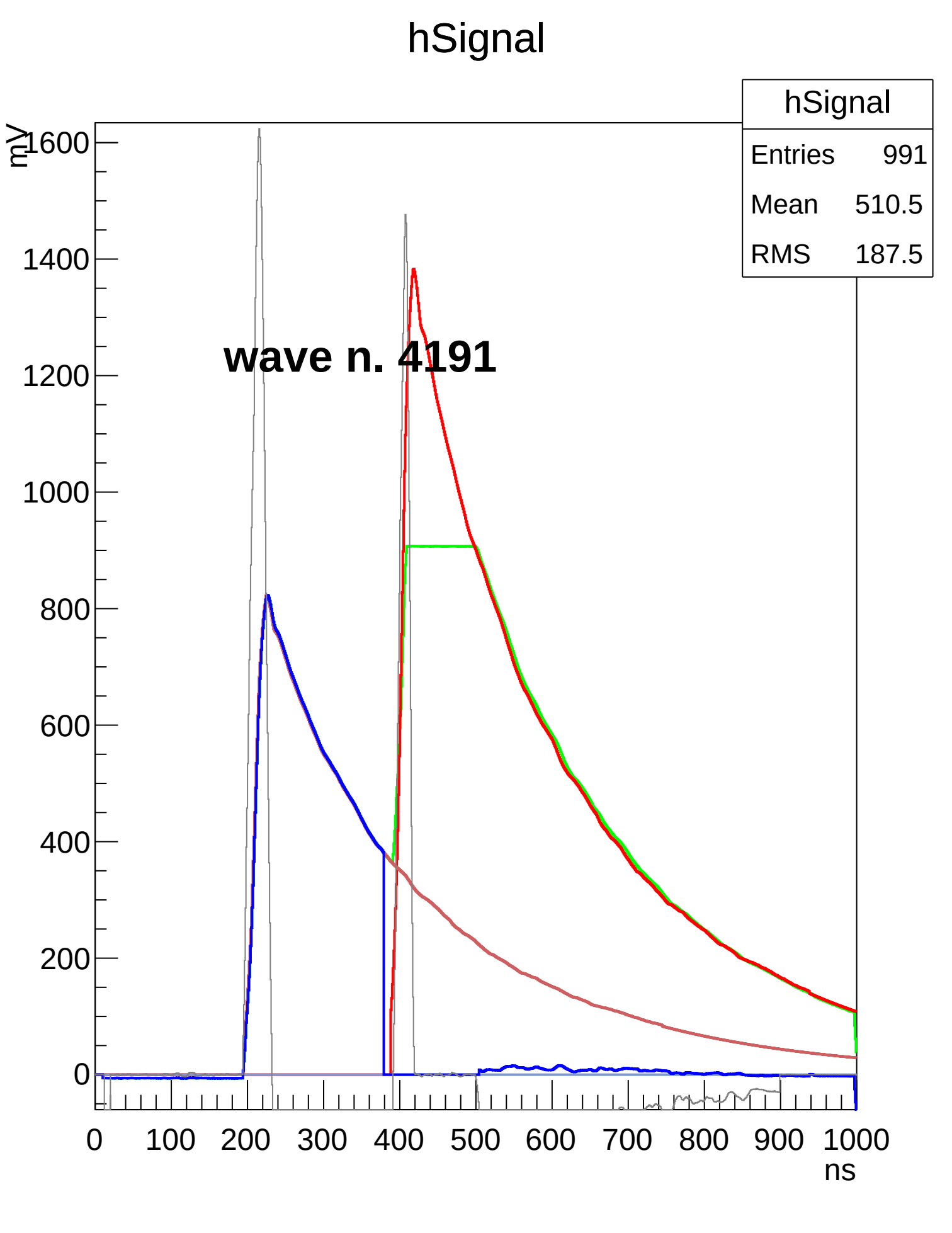

hSignal
hSignal
Entries 991
Mean 513.2
RMS 189.1
wave n. 4186
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

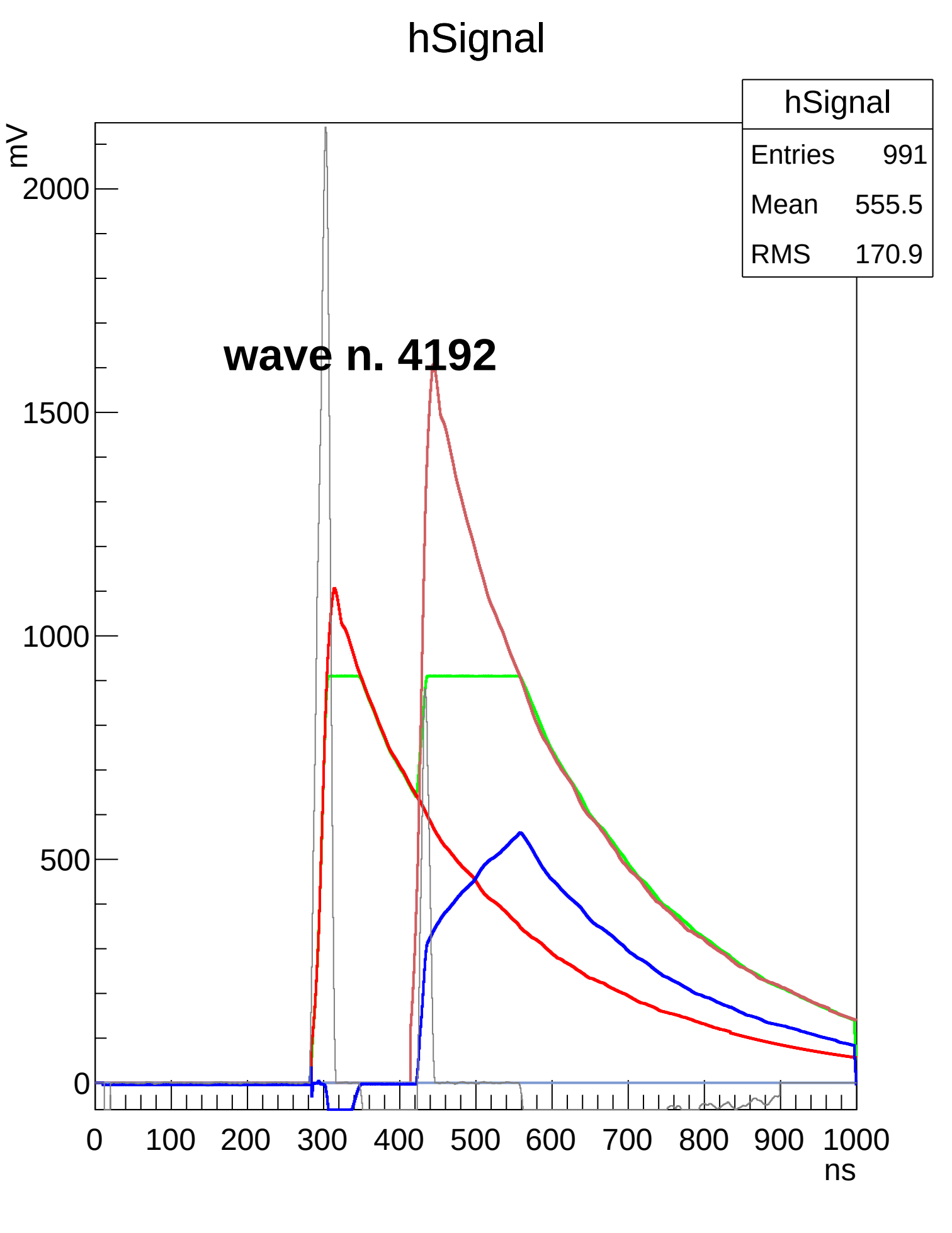

hSignal
hSignal
Entries 991
Mean 562.8
RMS 198.5
wave n. 4187
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 592.8
RMS 157.4
wave n. 4188
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 573.1
RMS 159.3
wave n. 4189
mV
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 572.9
RMS 148.4
wave n. 4190
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.5
RMS 187.5
wave n. 4191
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 555.5
RMS 170.9
wave n. 4192
mV
2000
1500
1000
500
0
0
100
200
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400
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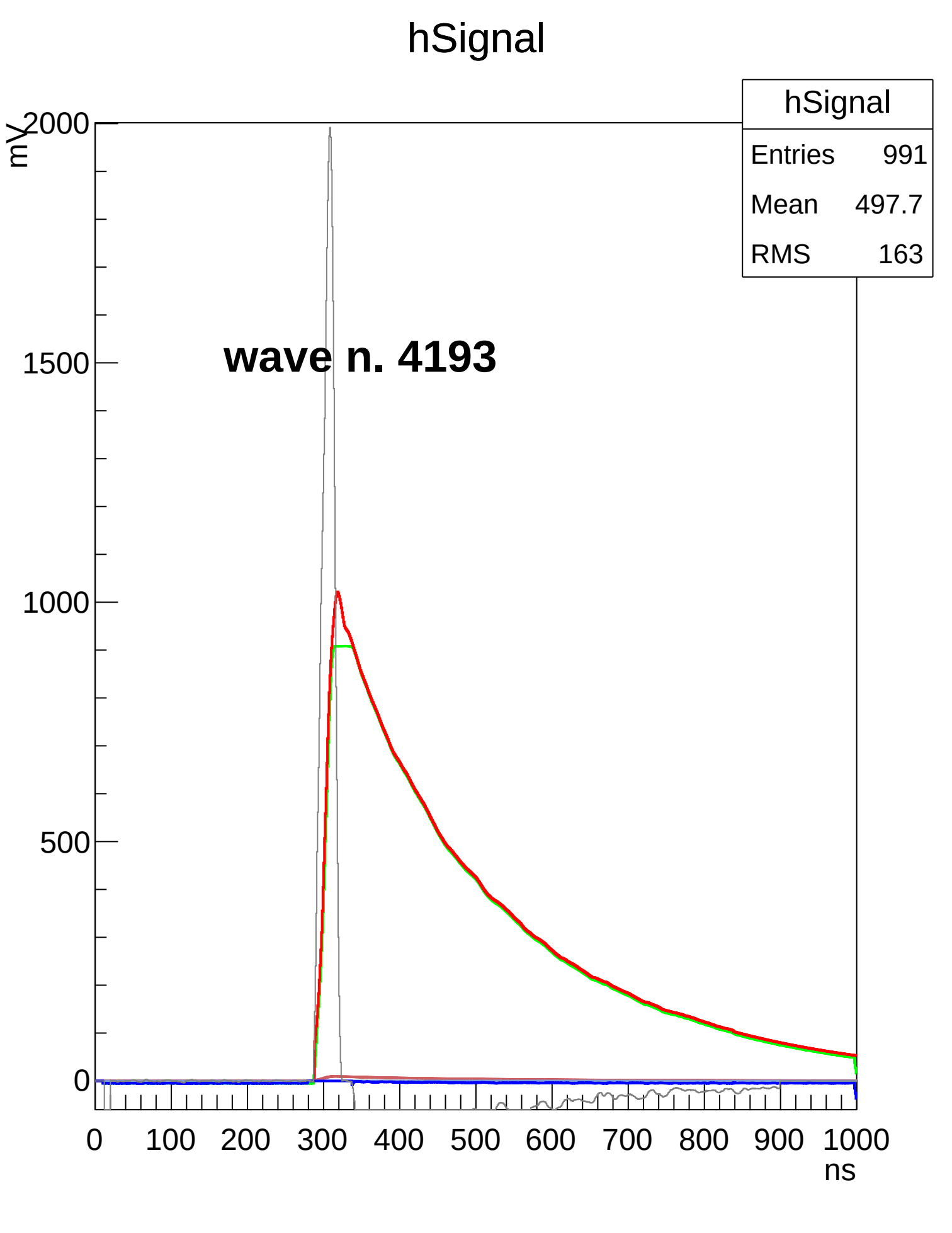
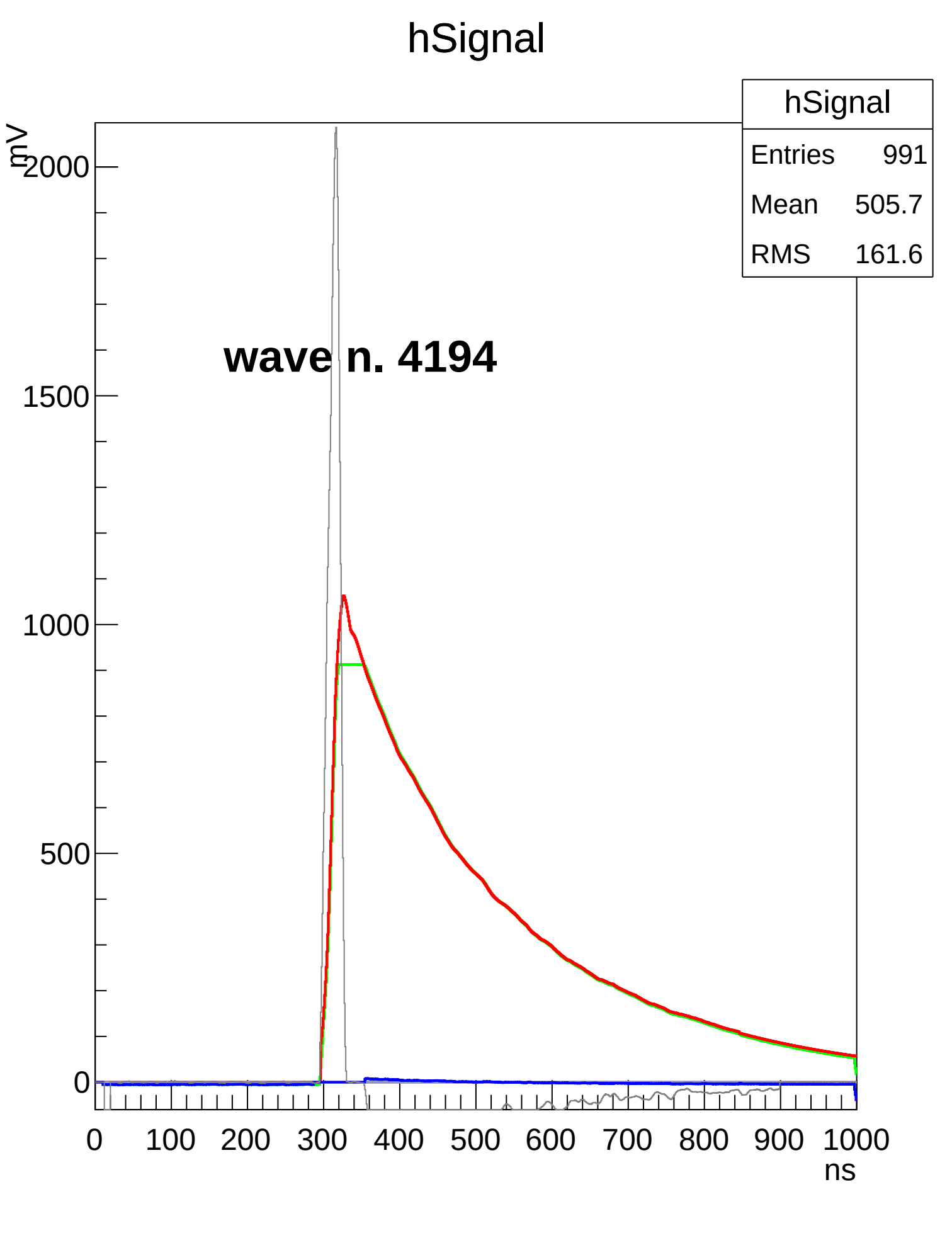
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 497.7
RMS 163
wave n. 4193
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.7
RMS 161.6
wave n. 4194
mV
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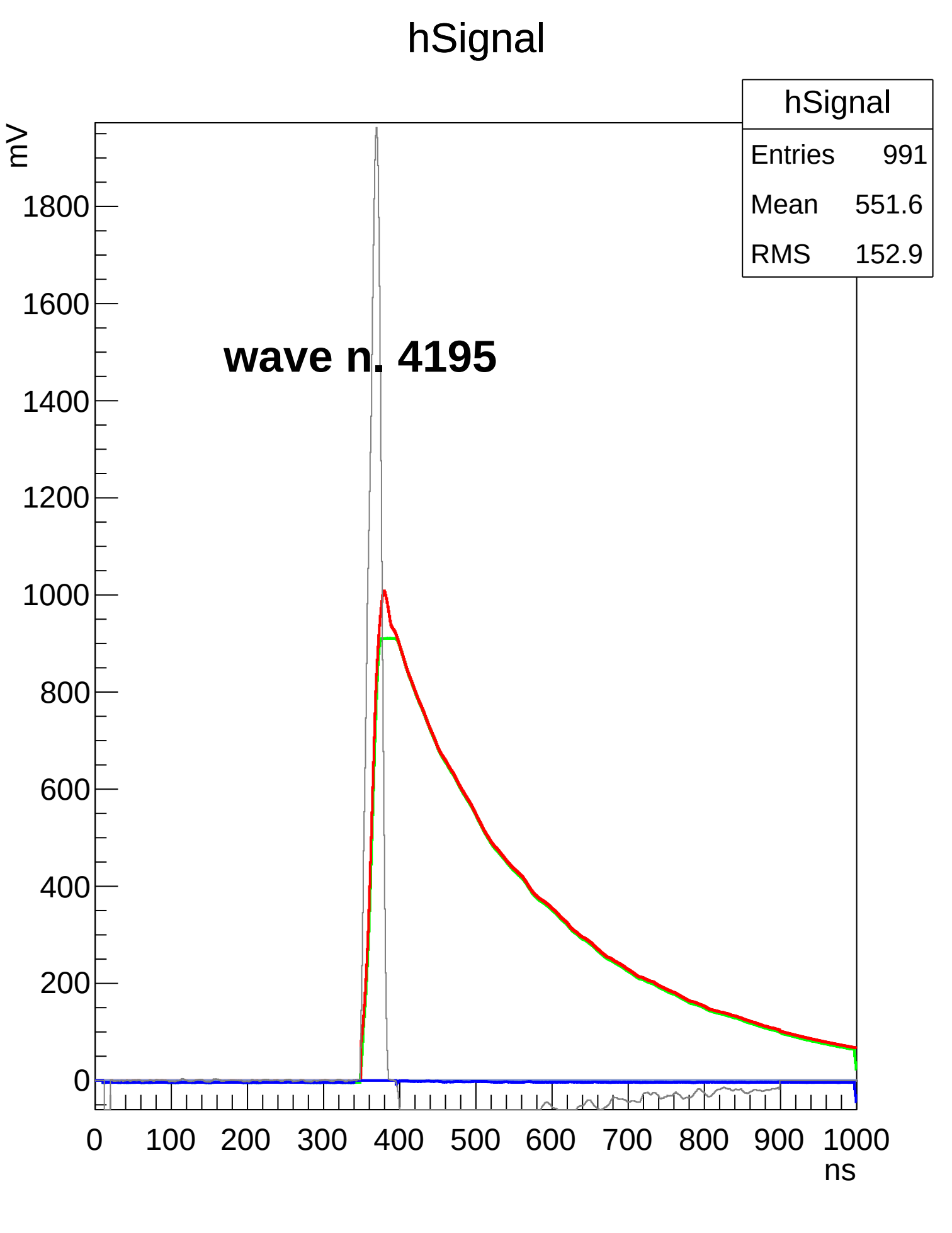
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
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Entries 991
Mean 551.6
RMS 152.9
wave n. 4195
mV
1800
1600
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600
400
200
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0
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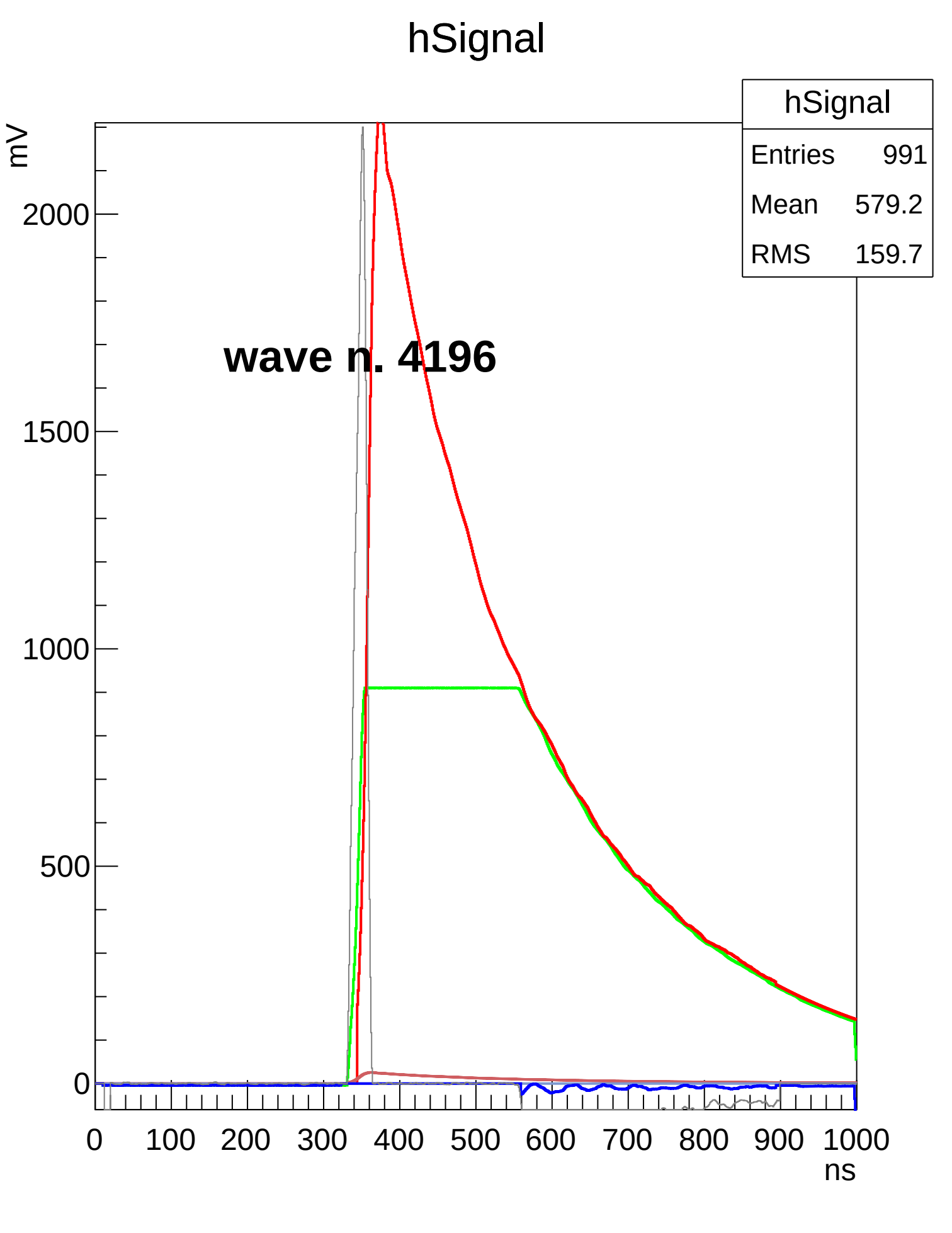
1000
ns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hSignal
Entries 991
Mean 579.2
RMS 159.7
wave n. 4196
mV
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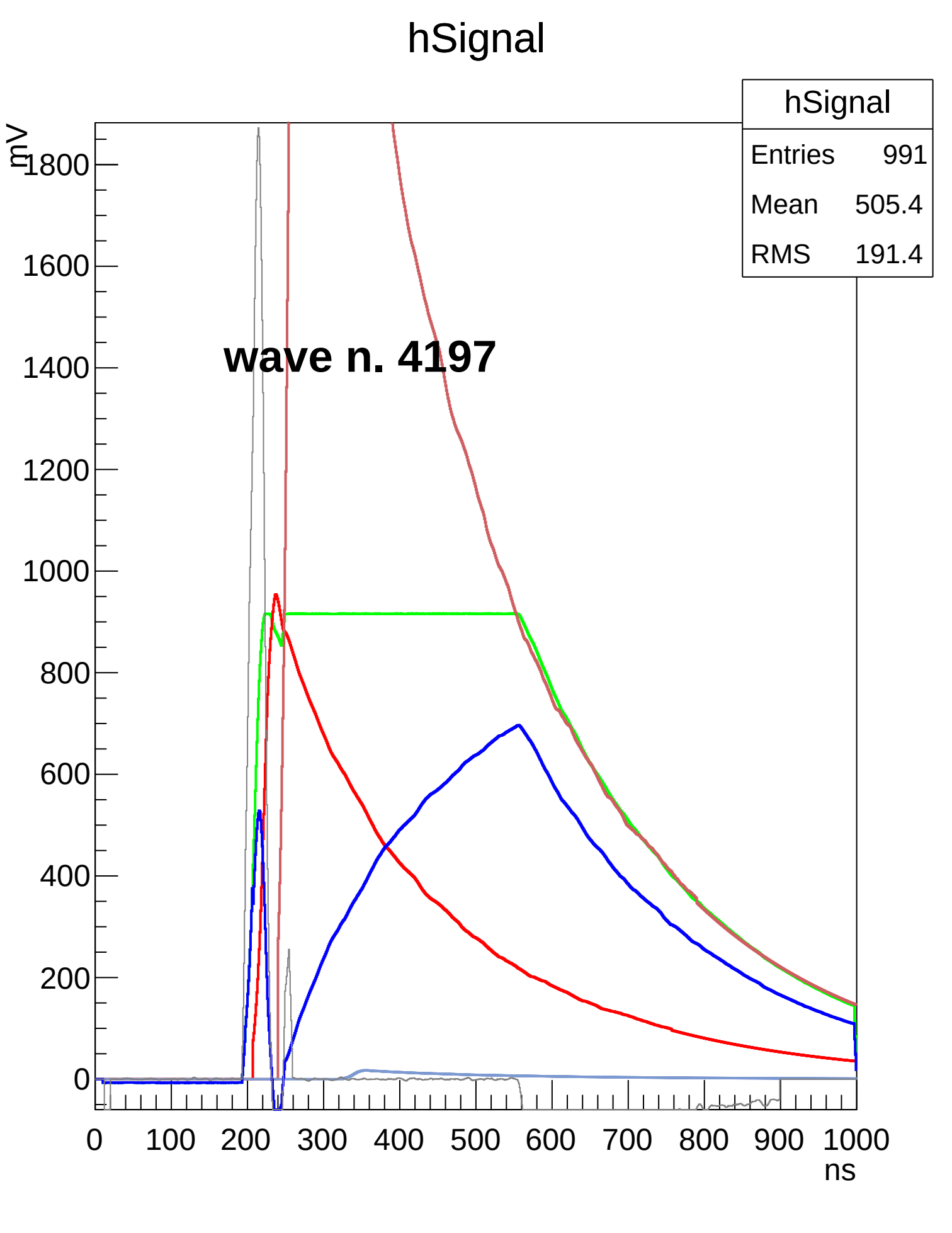
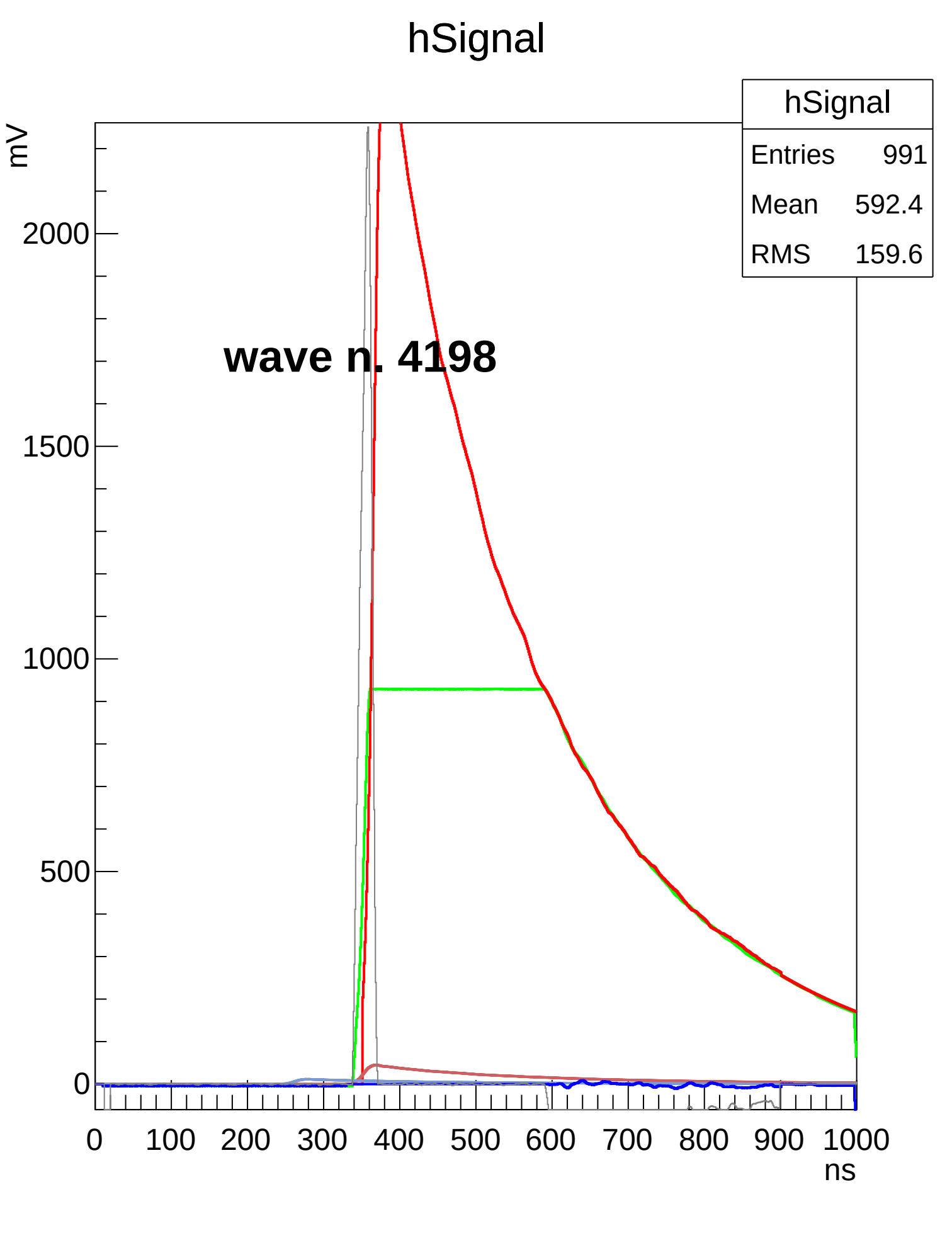
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.4
RMS 191.4
wave n. 4197
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 592.4
RMS 159.6
wave n. 4198
mV
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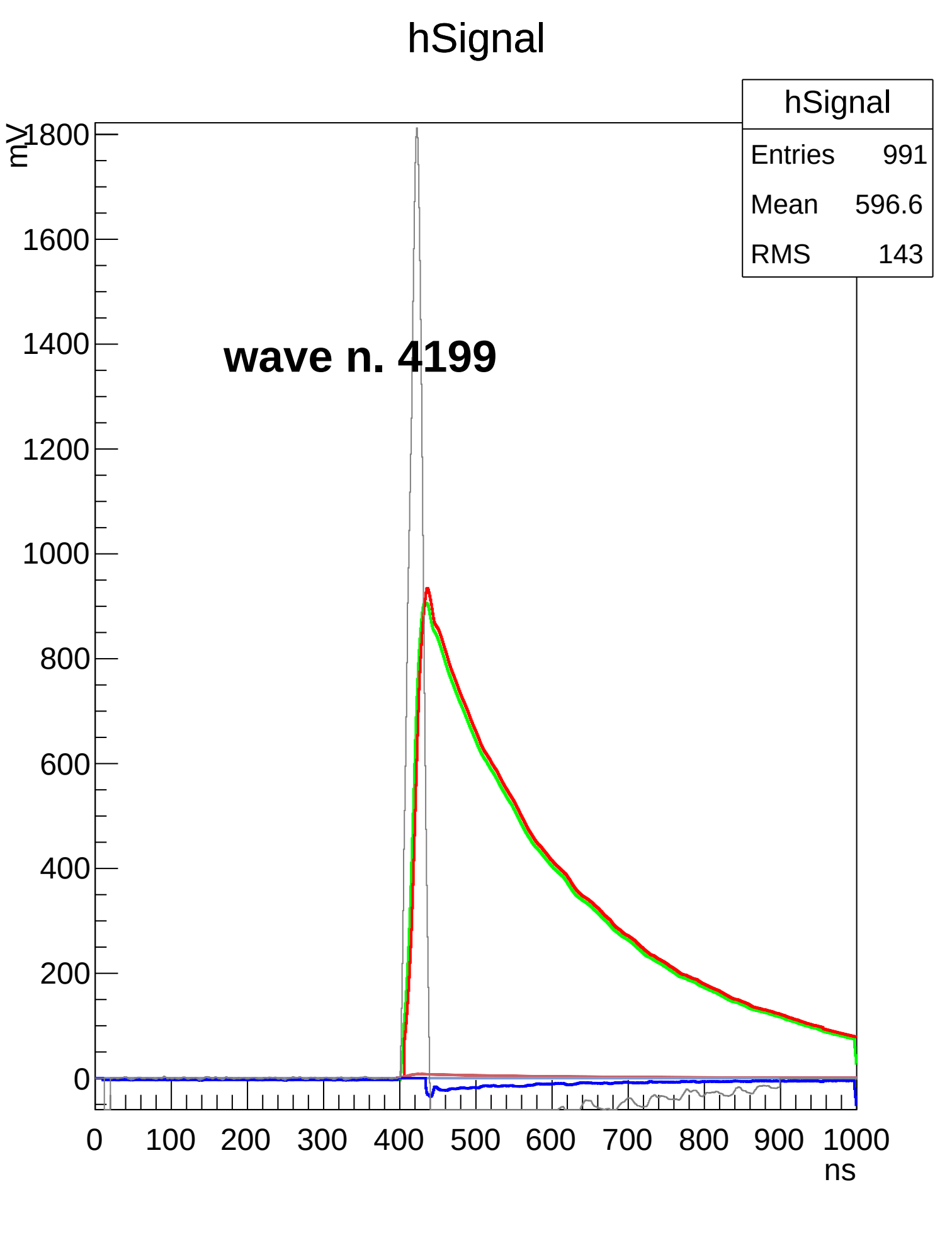
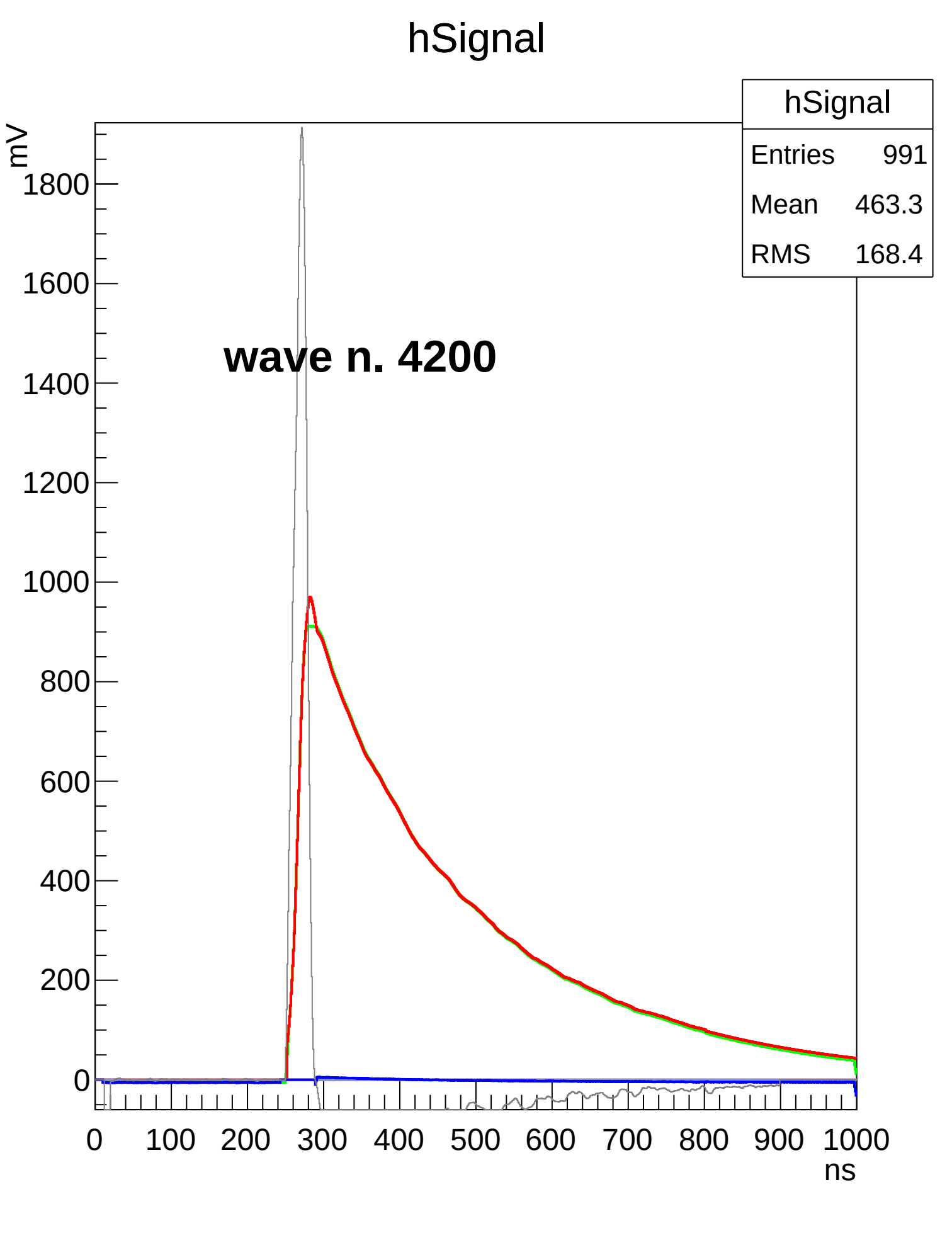
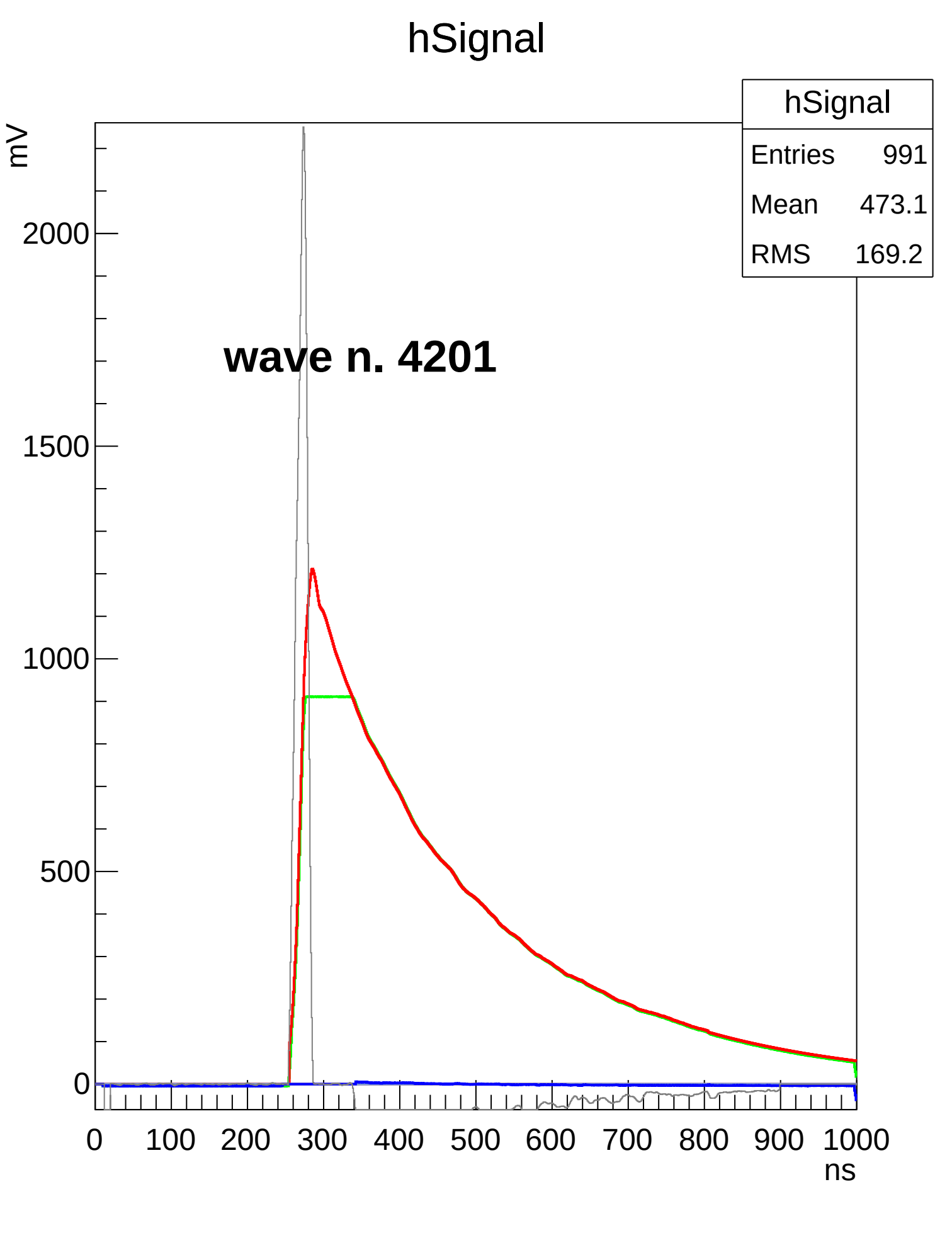
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 596.6
RMS 143
wave n. 4199
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 463.3
RMS 168.4
wave n. 4200
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 473.1
RMS 169.2
wave n. 4201
mV
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1500
1000
500
0
0
100
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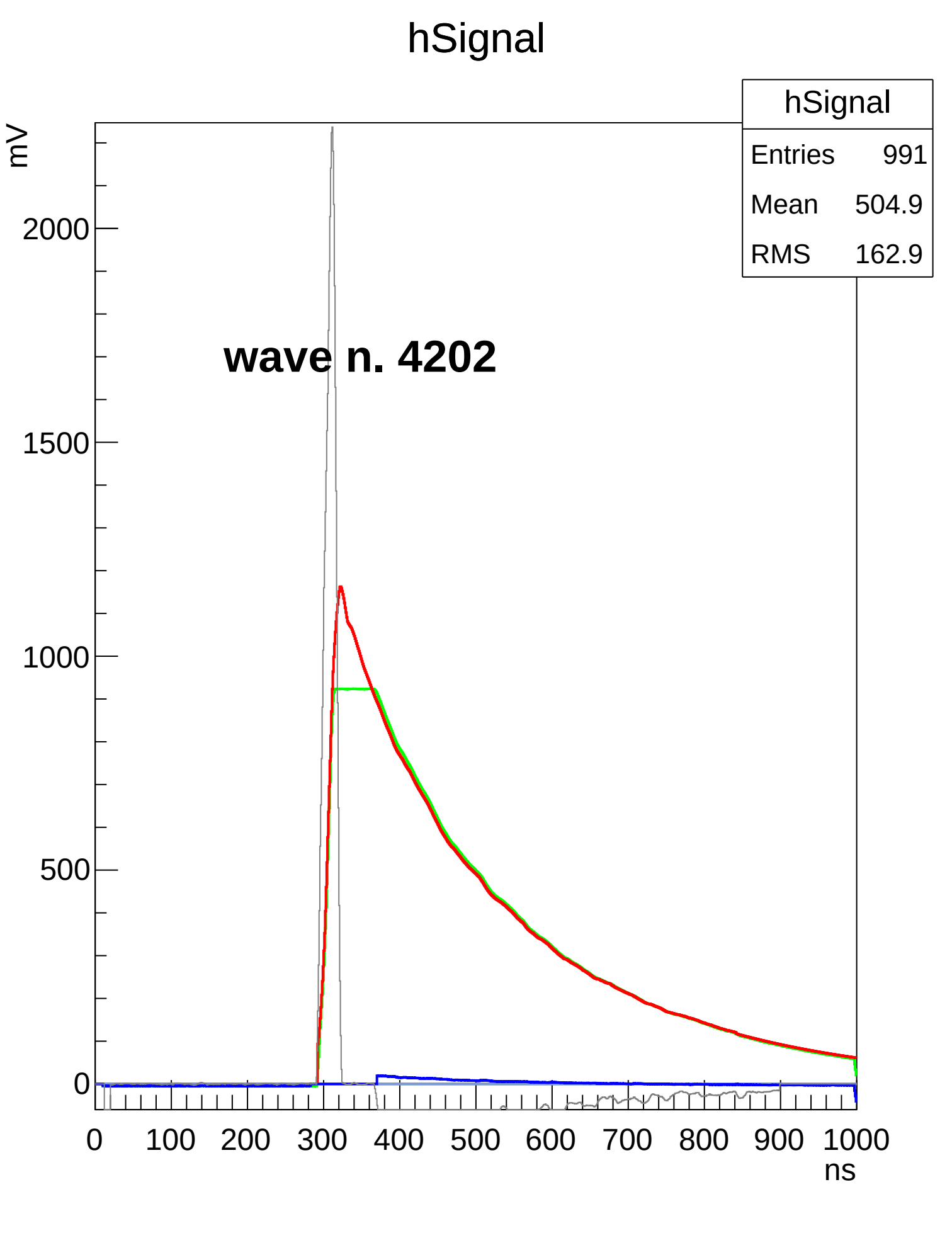
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.9
RMS 162.9
wave n. 4202
mV
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1500
1000
500
0
0
100
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400
500
600
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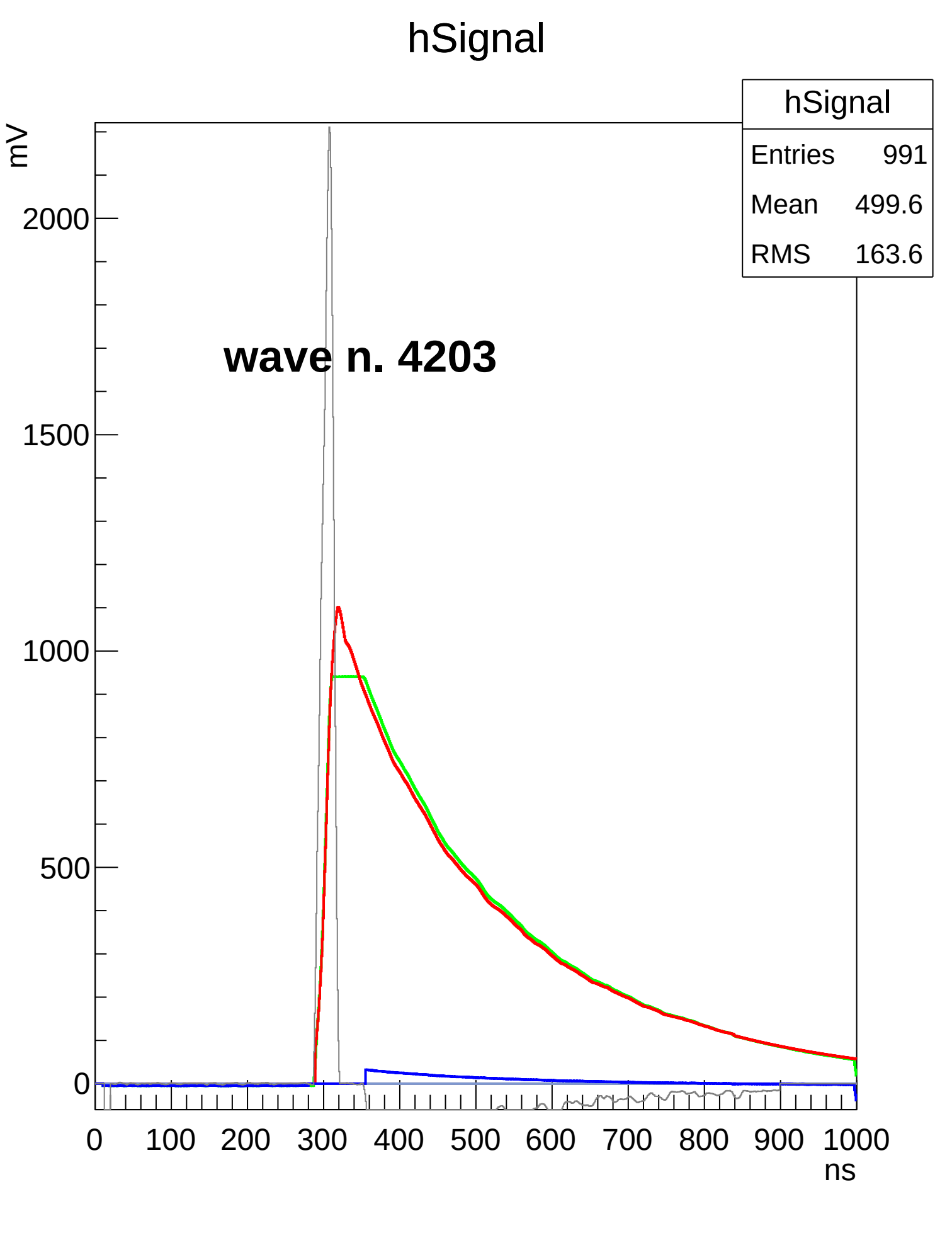
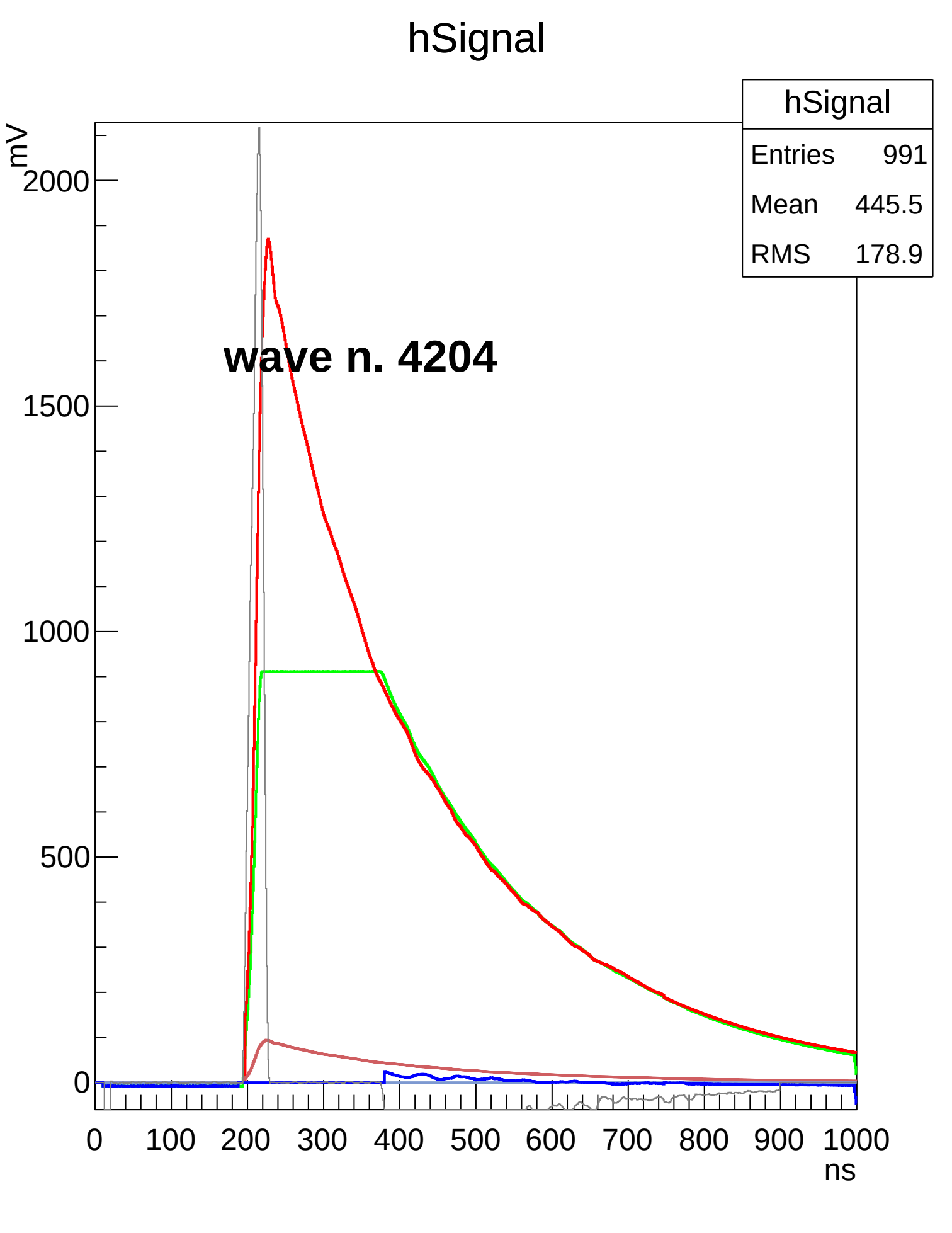
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.6
RMS 163.6
wave n. 4203
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 445.5
RMS 178.9
wave n. 4204
mV
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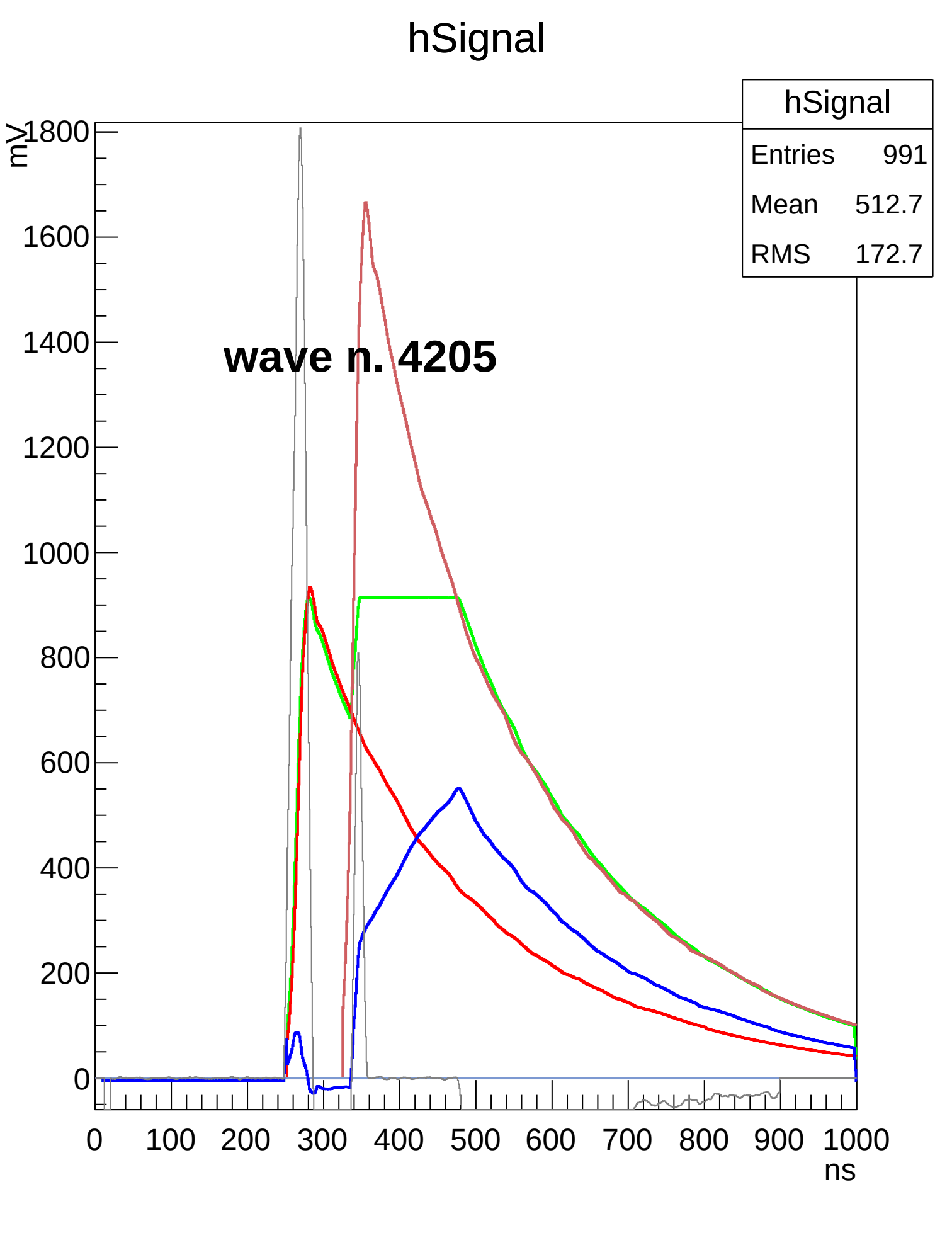
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.7
RMS 172.7
wave n. 4205
mV
1800
1600
1400
1200
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600
400
200
0
0
100
200
300
400
500
600
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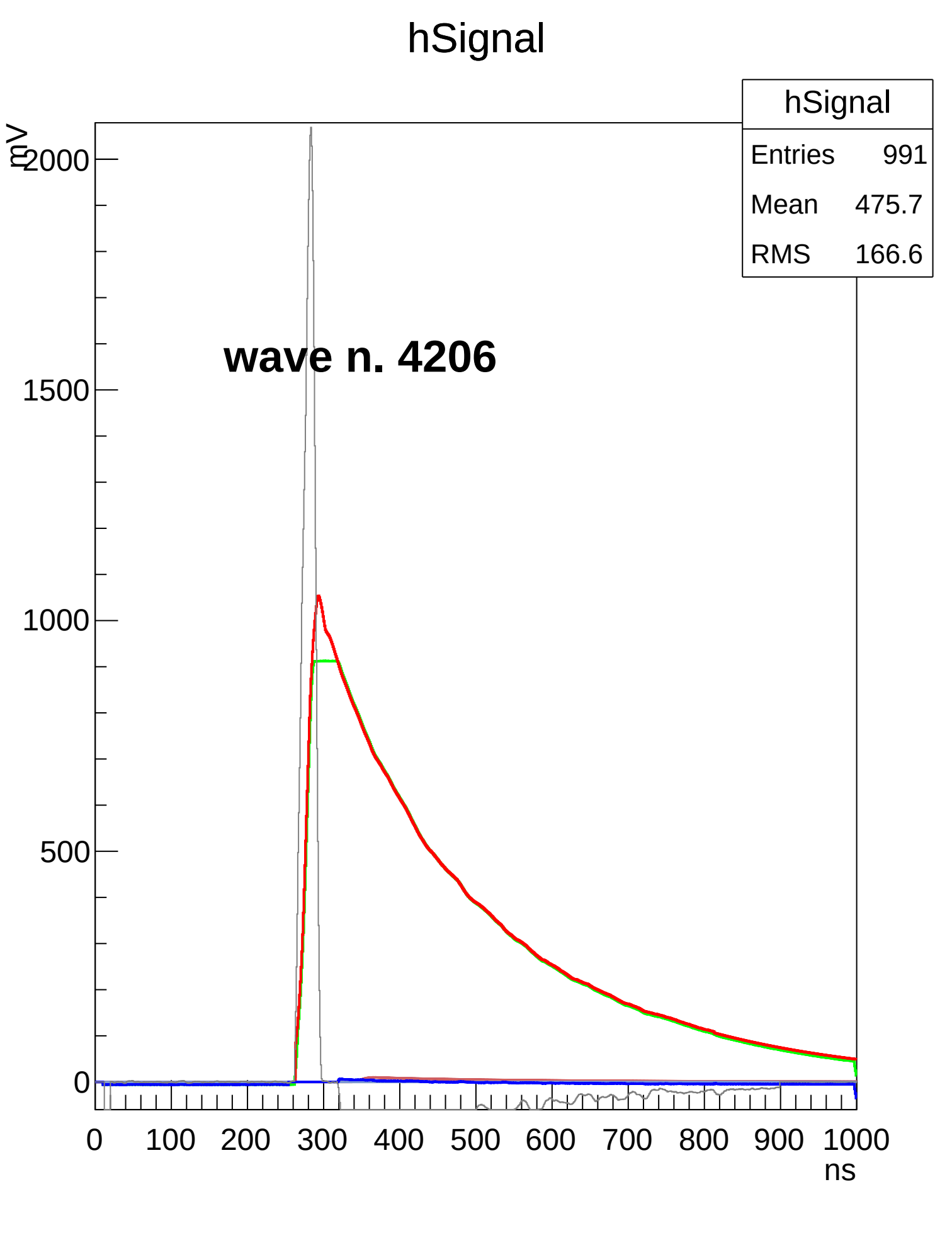
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 475.7
RMS 166.6
wave n. 4206
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1000
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0
0
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400
500
600
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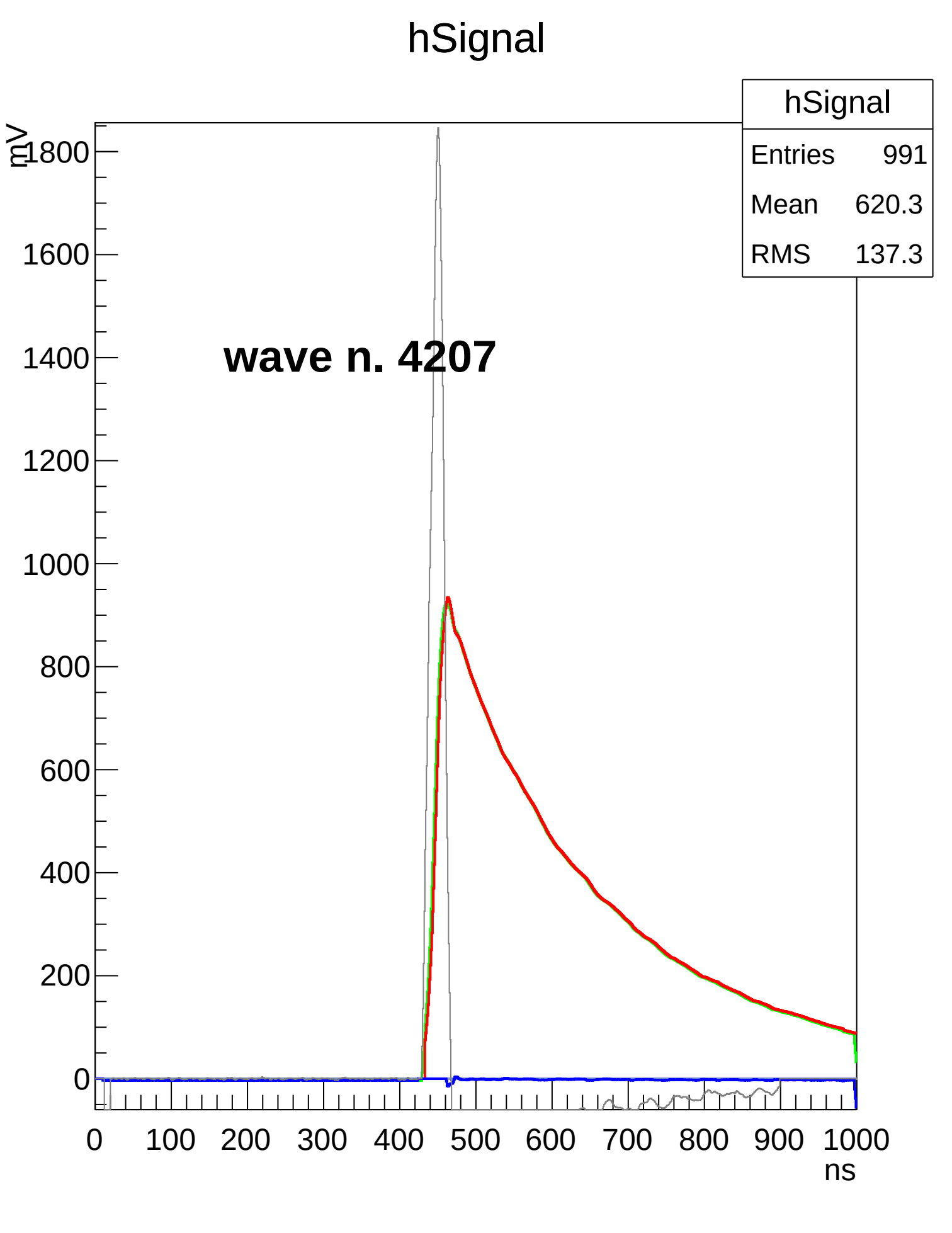
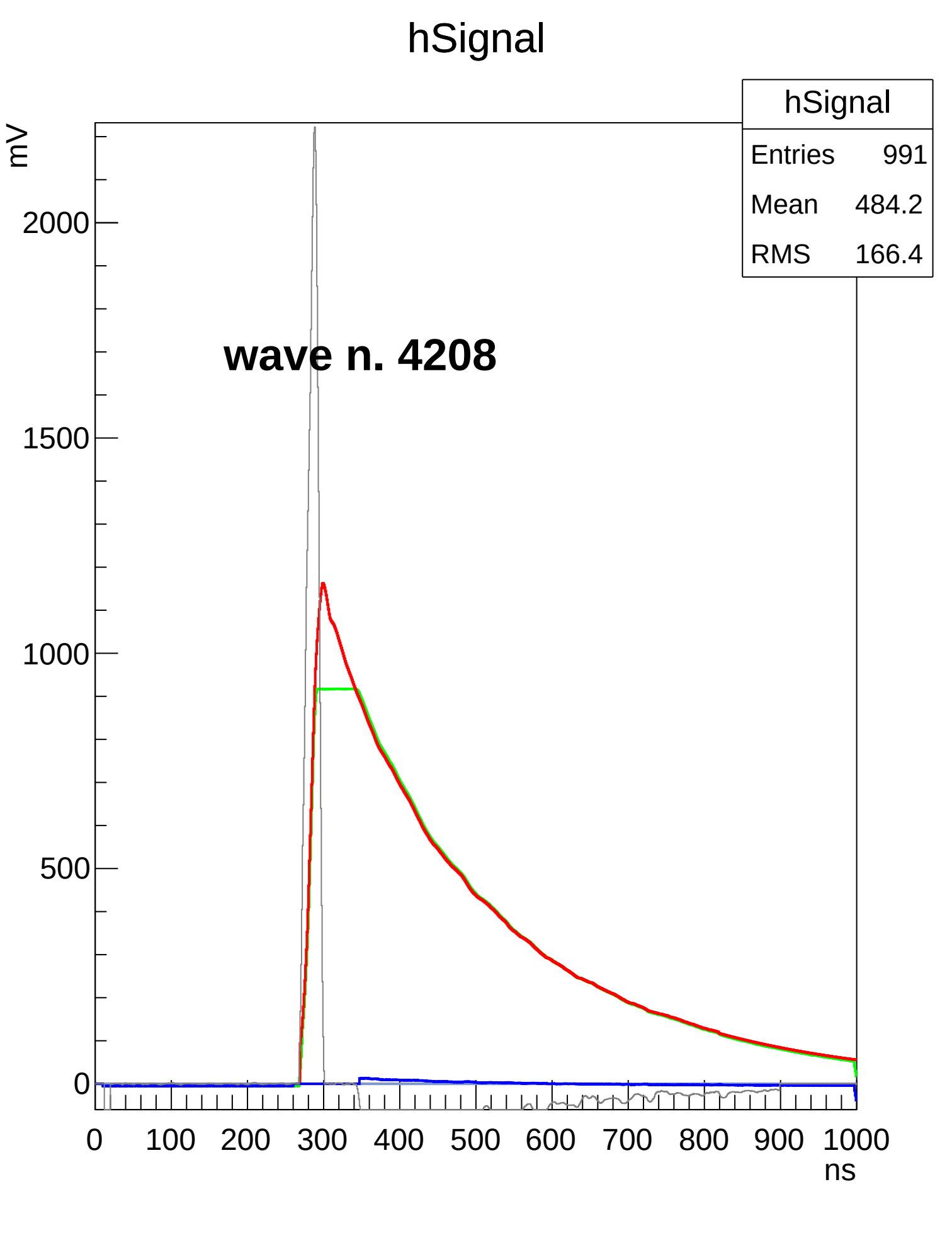
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 620.3
RMS 137.3
wave n. 4207
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 484.2
RMS 166.4
wave n. 4208
mV
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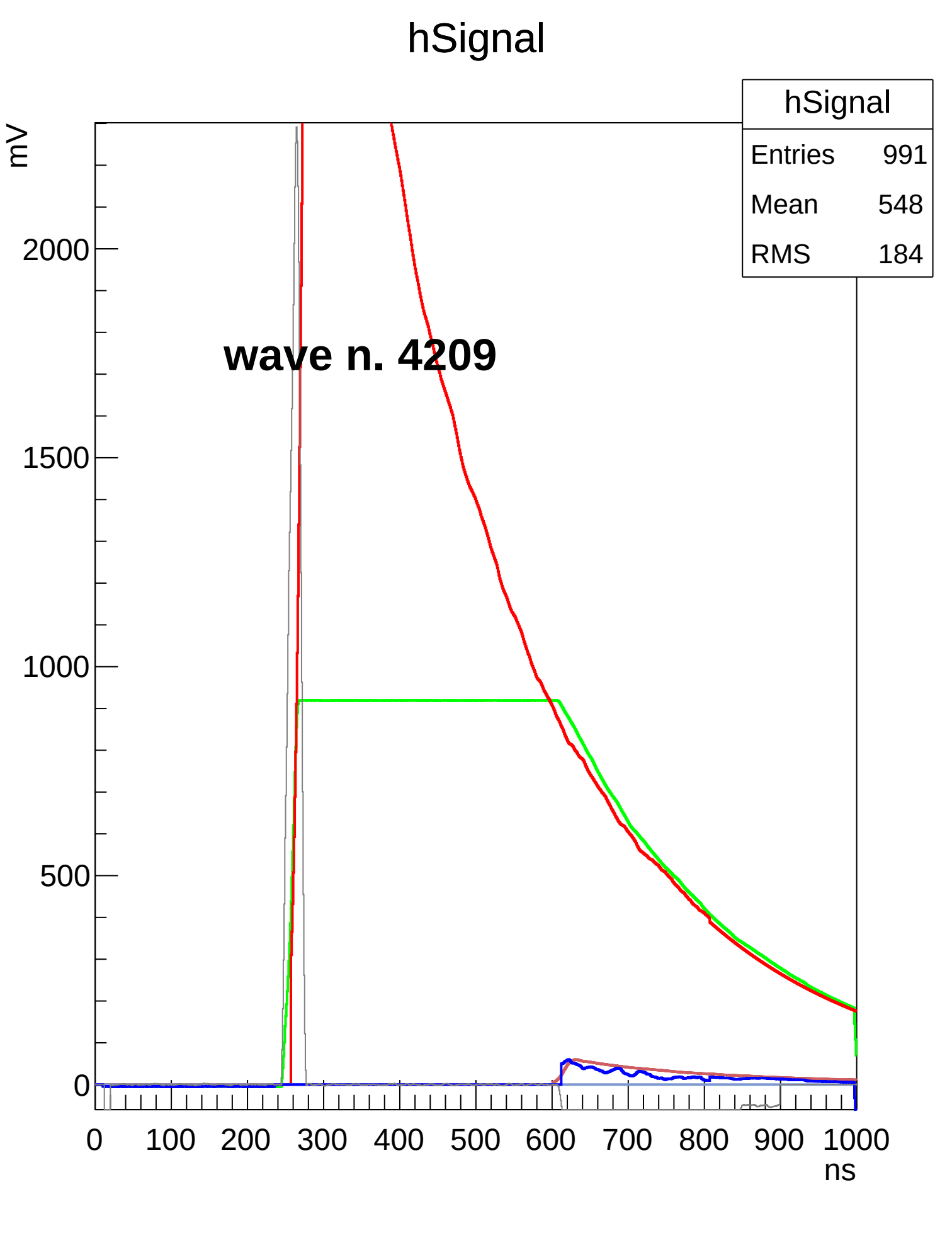
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 548
RMS 184
wave n. 4209
mV
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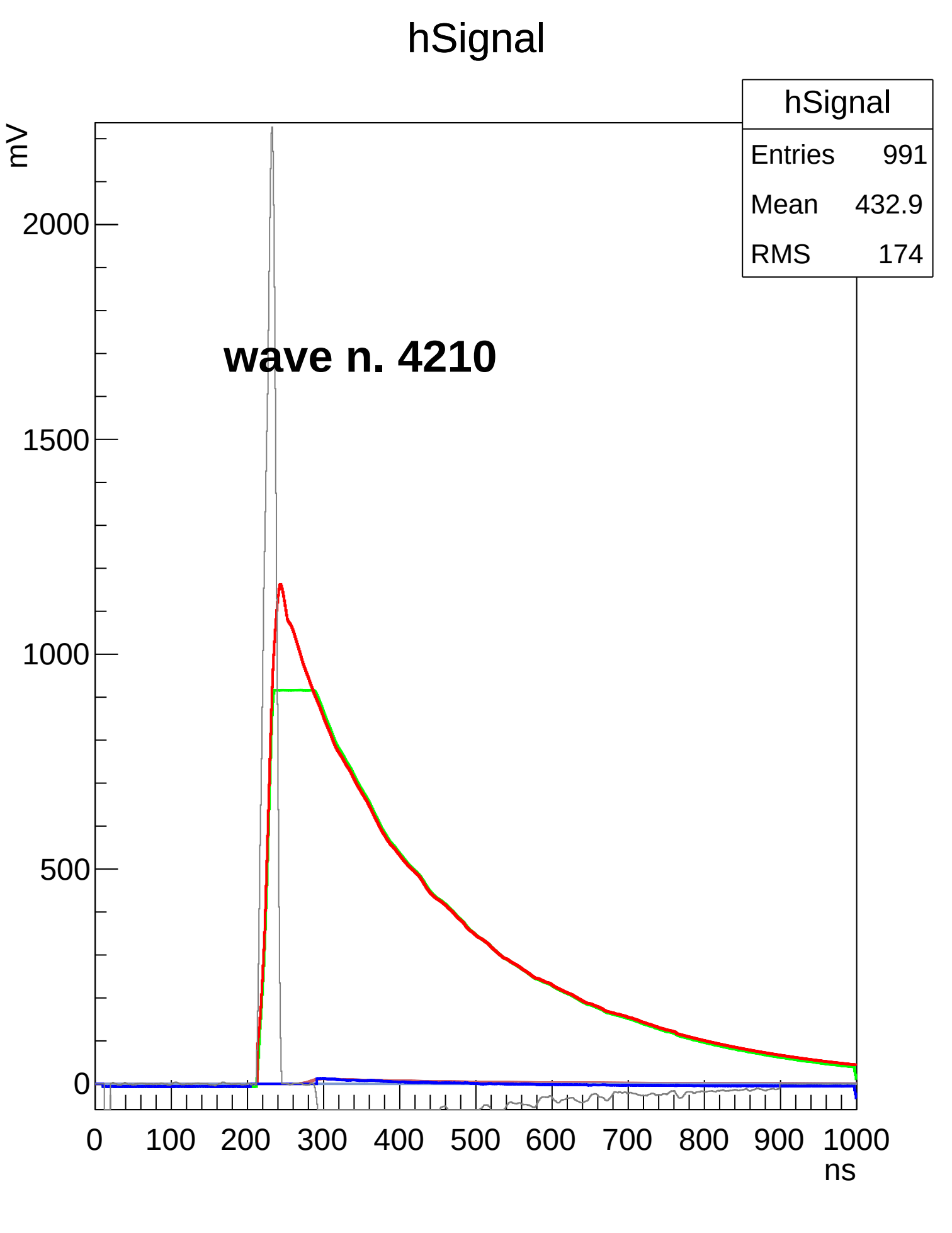
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 432.9
RMS 174
wave n. 4210
mV
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1500
1000
500
0
0
100
200
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400
500
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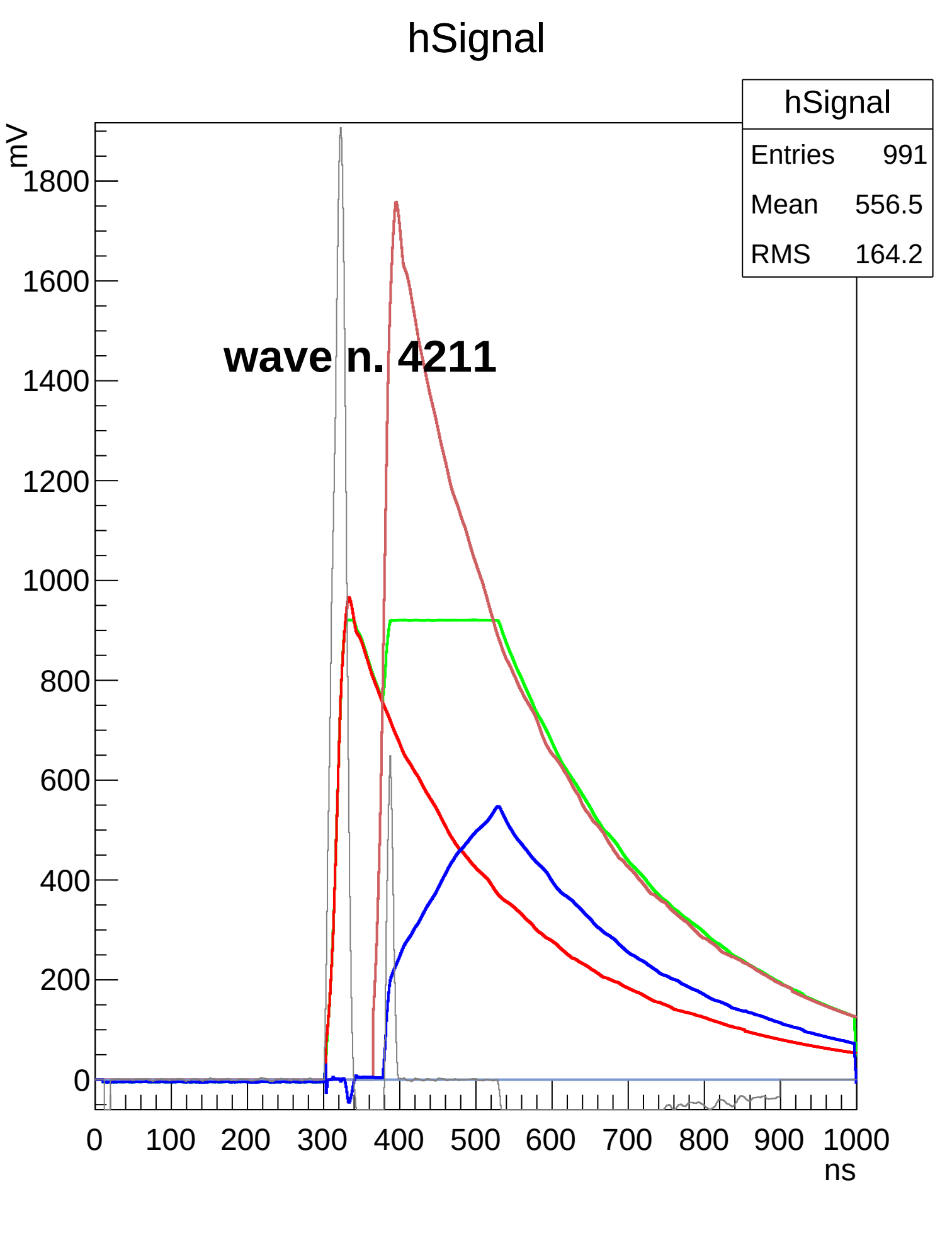
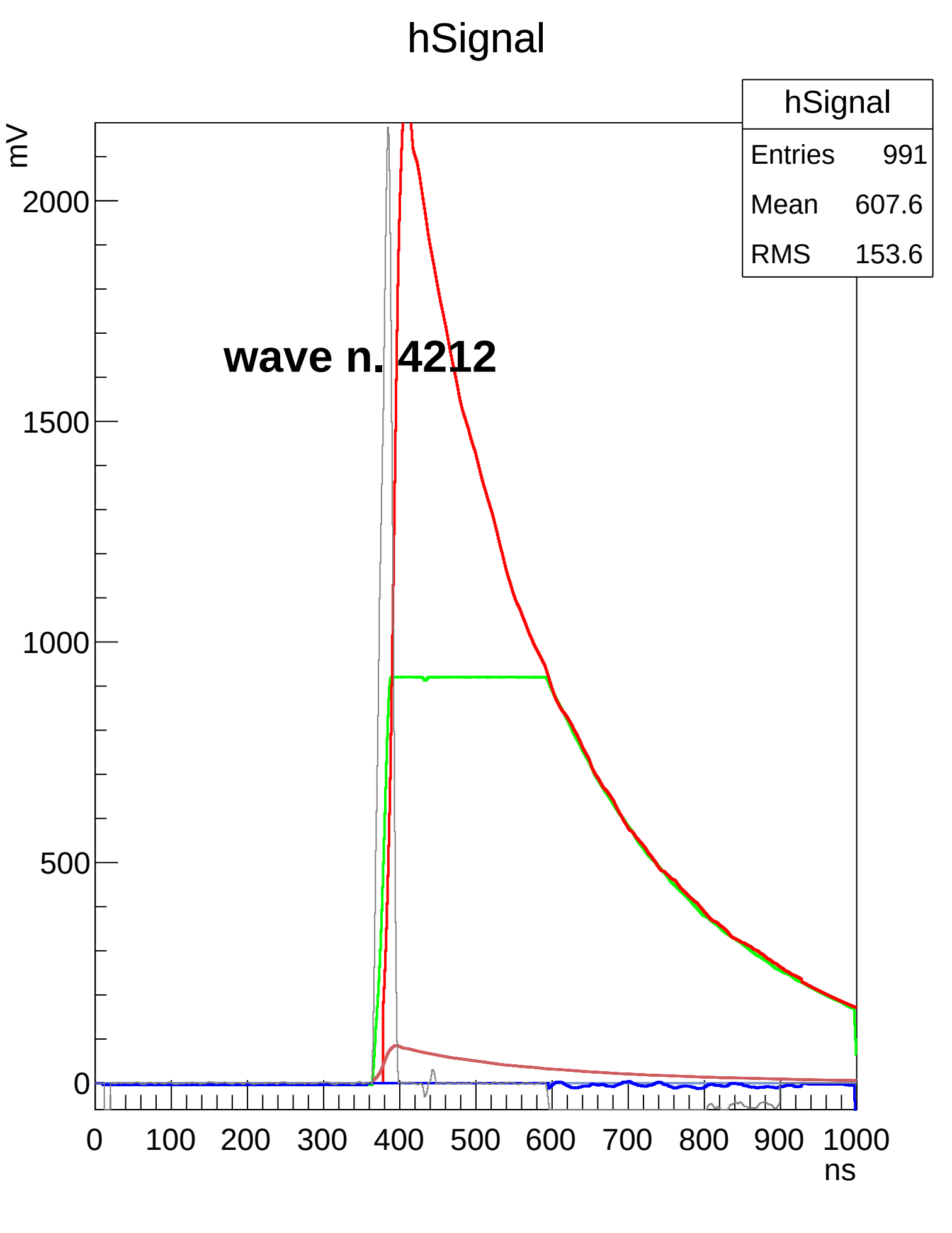
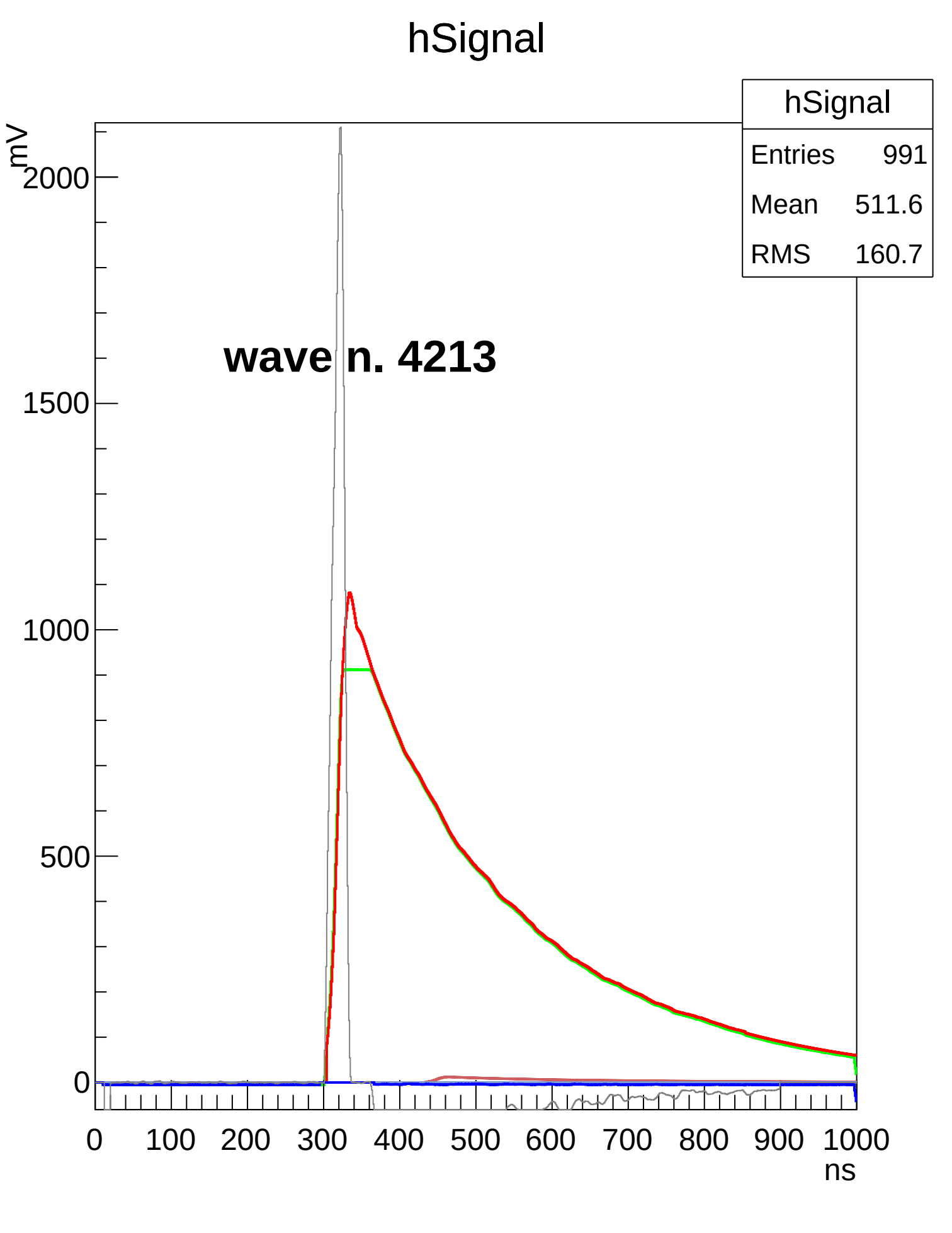
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.5
RMS 164.2
wave n. 4211
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 607.6
RMS 153.6
wave n. 4212
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 511.6
RMS 160.7
wave n. 4213
mV
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1500
1000
500
0
0
100
200
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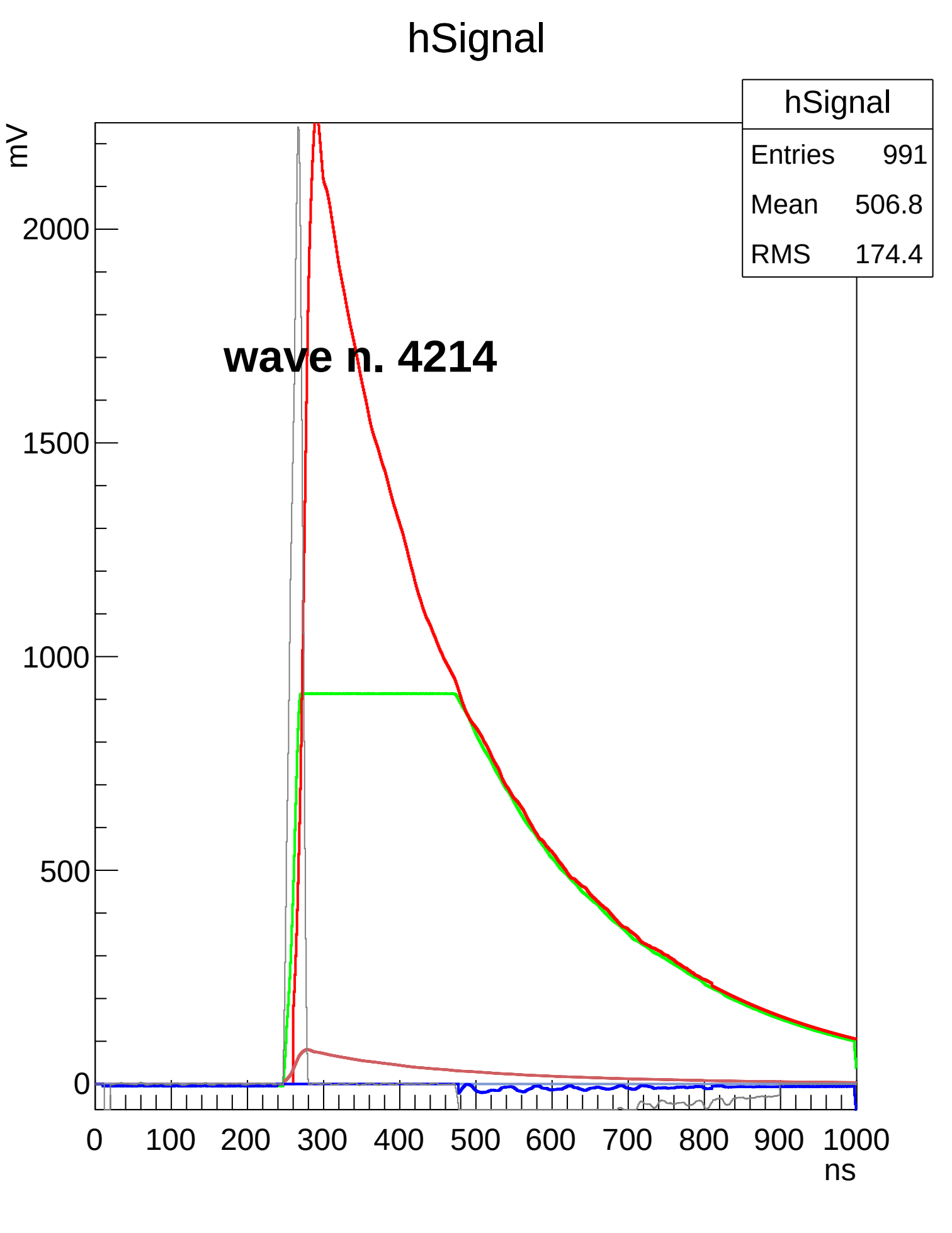
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 506.8
RMS 174.4
wave n. 4214
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1000
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400
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800
900
1000
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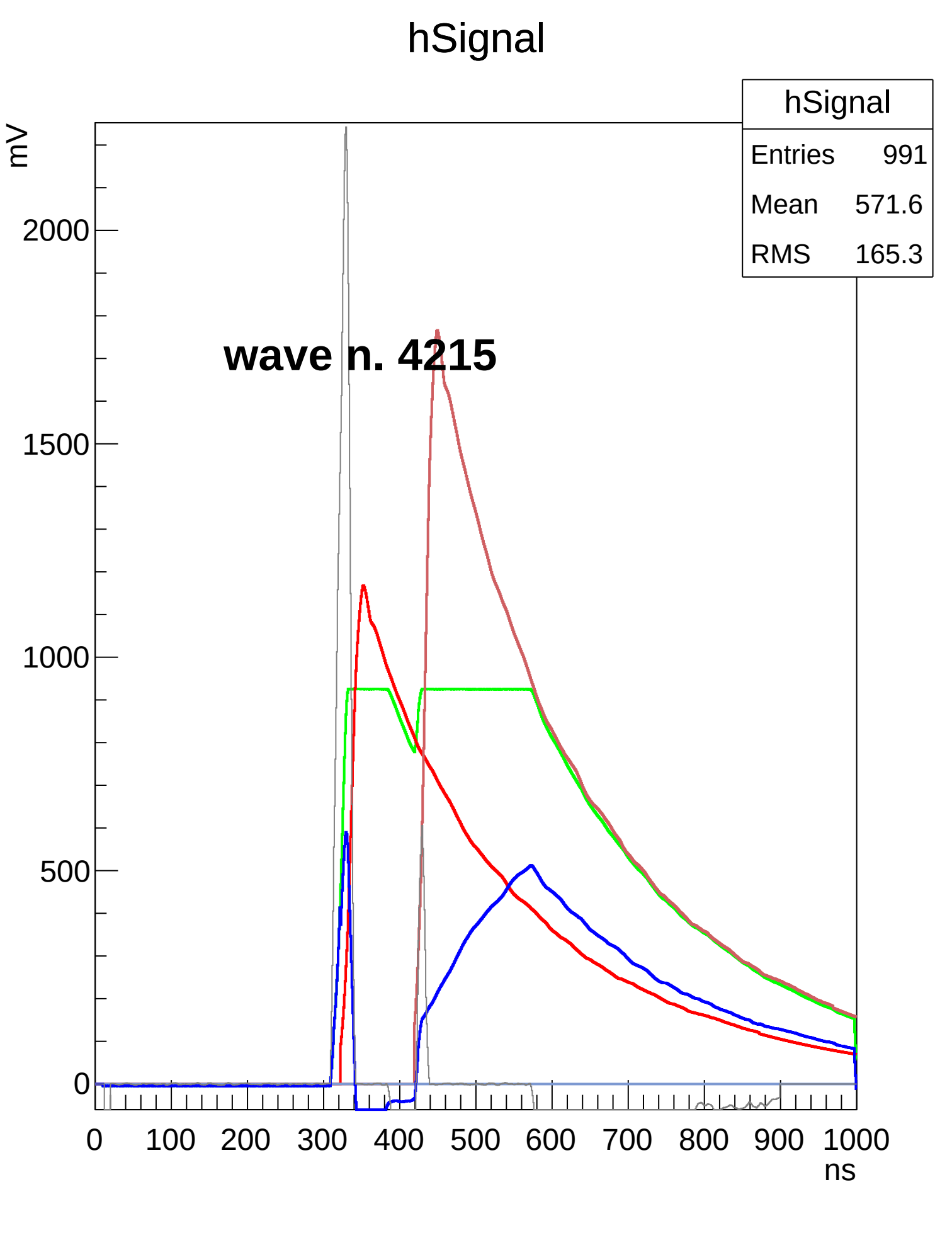
hSignal
hSignal
Entries 991
Mean 571.6
RMS 165.3
wave n. 4215
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1000
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1000
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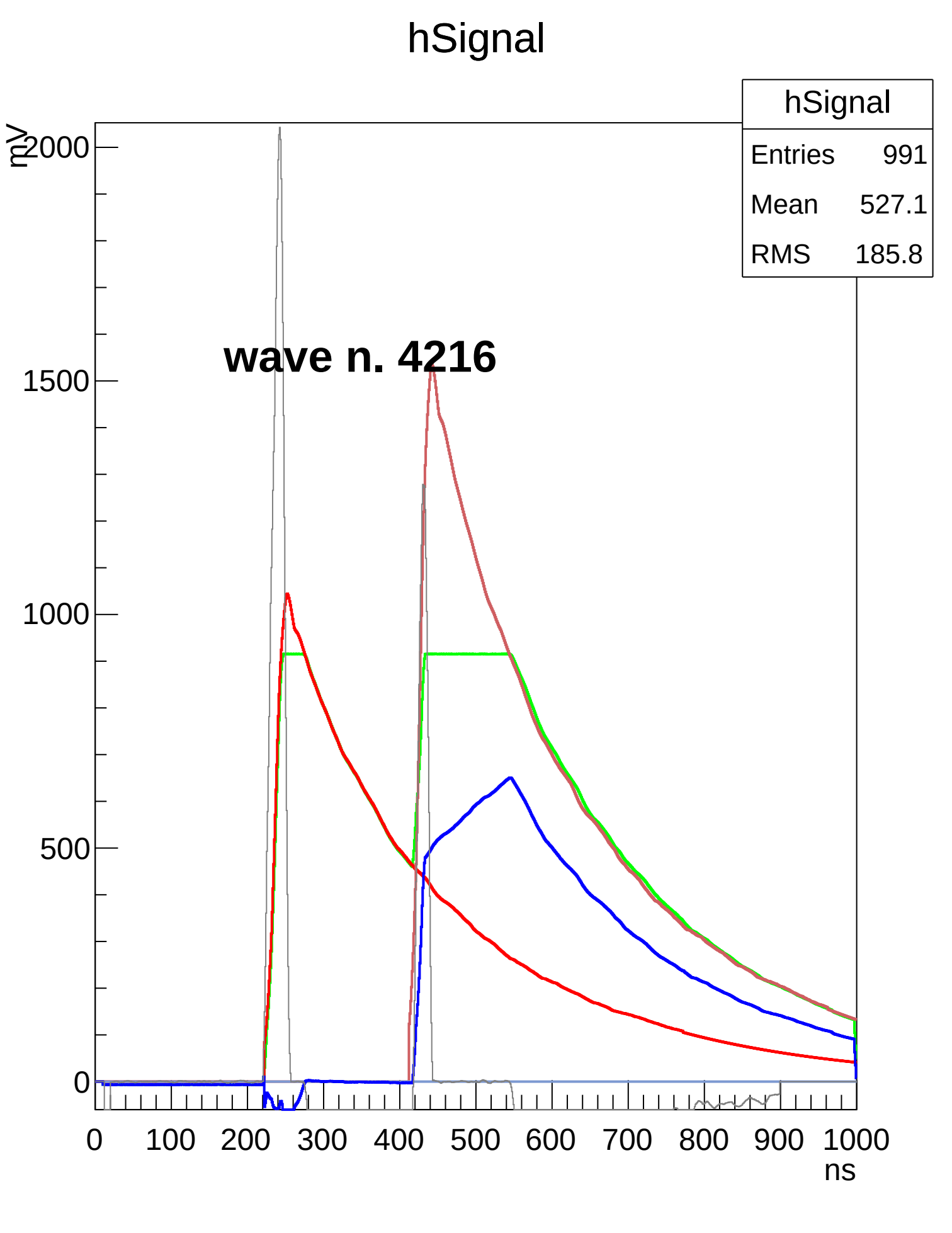
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Entries 991
Mean 527.1
RMS 185.8
wave n. 4216
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1500
1000
500
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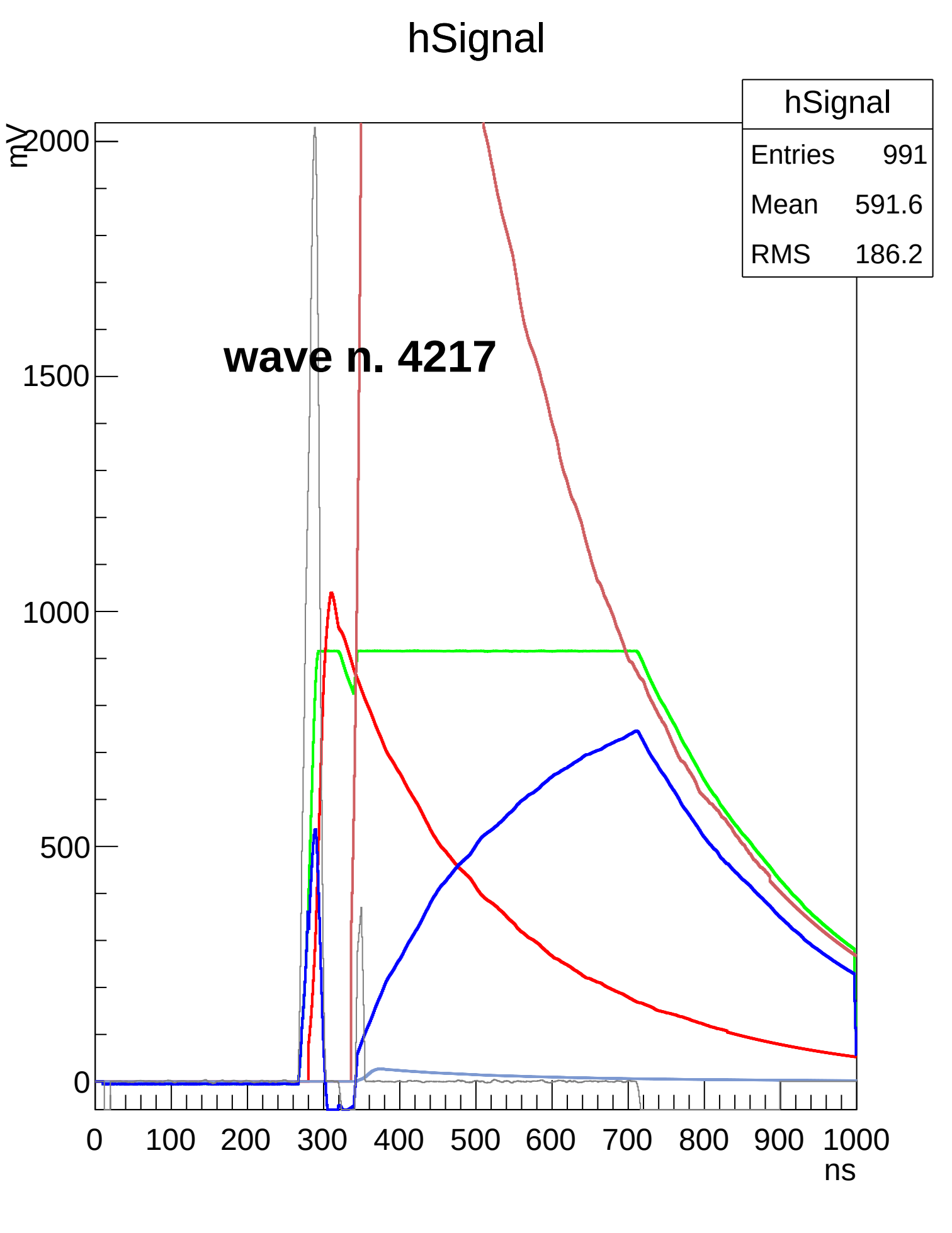
1000
ns


hSignal
hSignal
Entries 991
Mean 591.6
RMS 186.2
wave n. 4217
mV
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1000
500
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0
100
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400
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800
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1000
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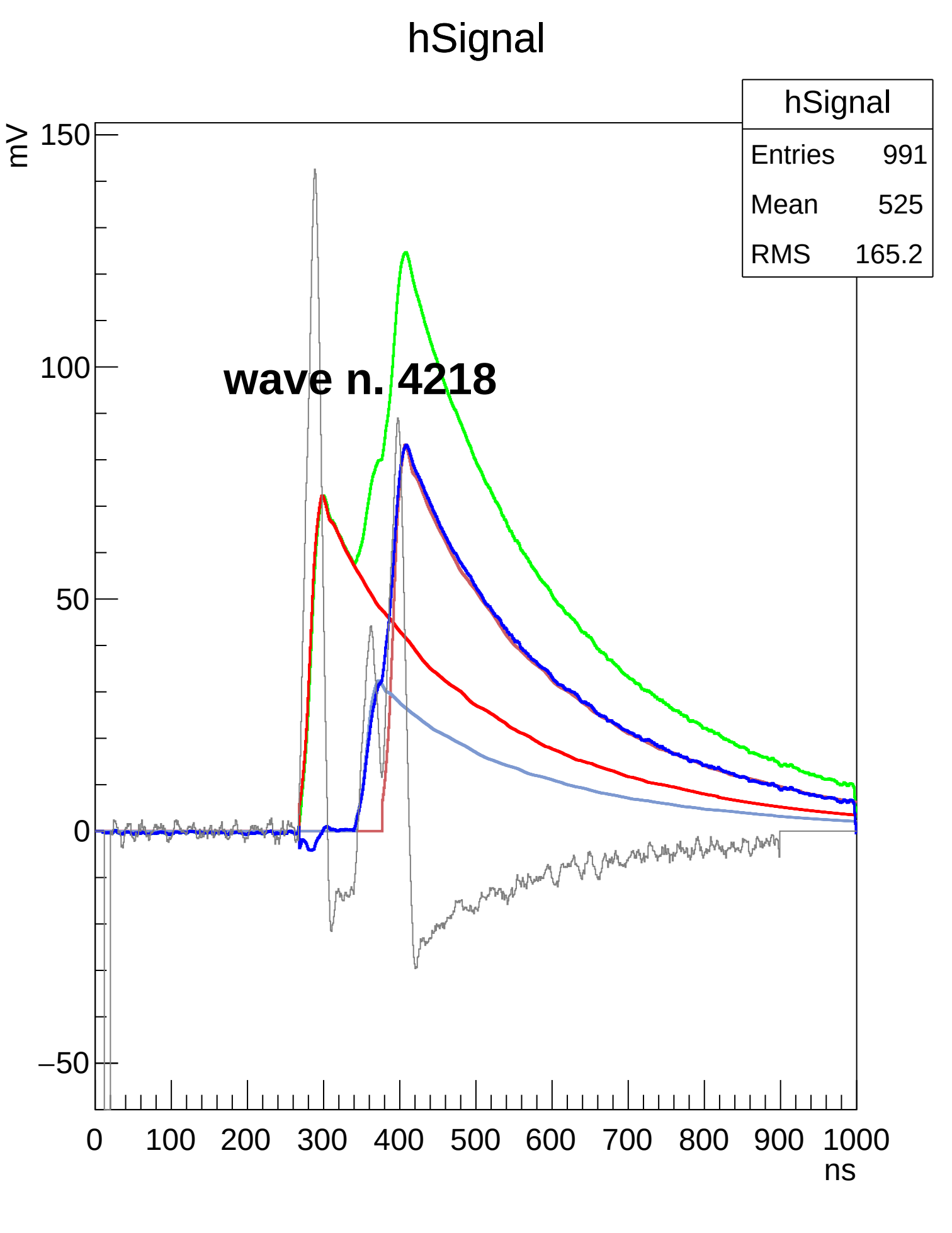
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hSignal
Entries 991
Mean 525
RMS 165.2
wave n. 4218
mV
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0
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0
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400
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600
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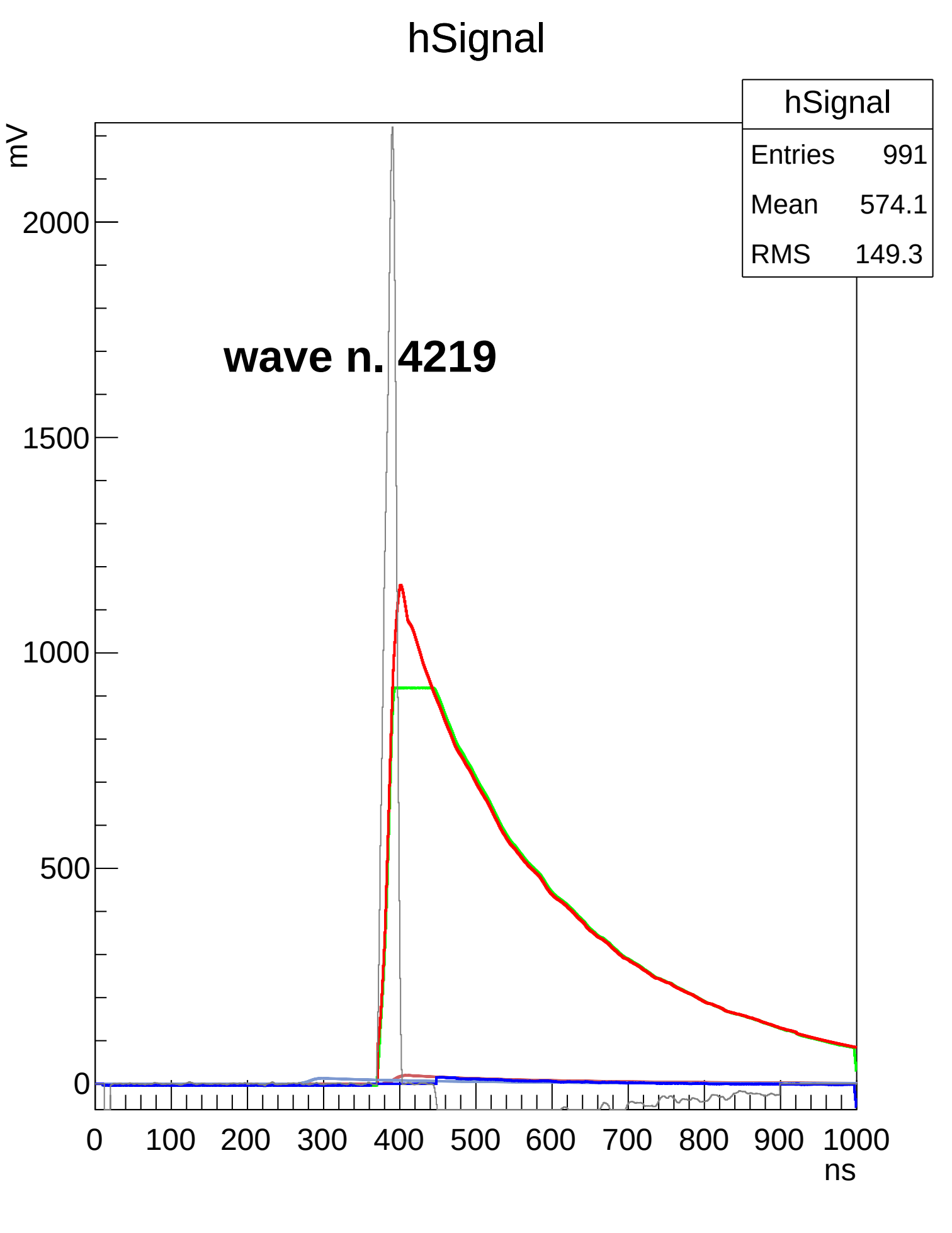
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 574.1
RMS 149.3
wave n. 4219
mV
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1500
1000
500
0
0
100
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400
500
600
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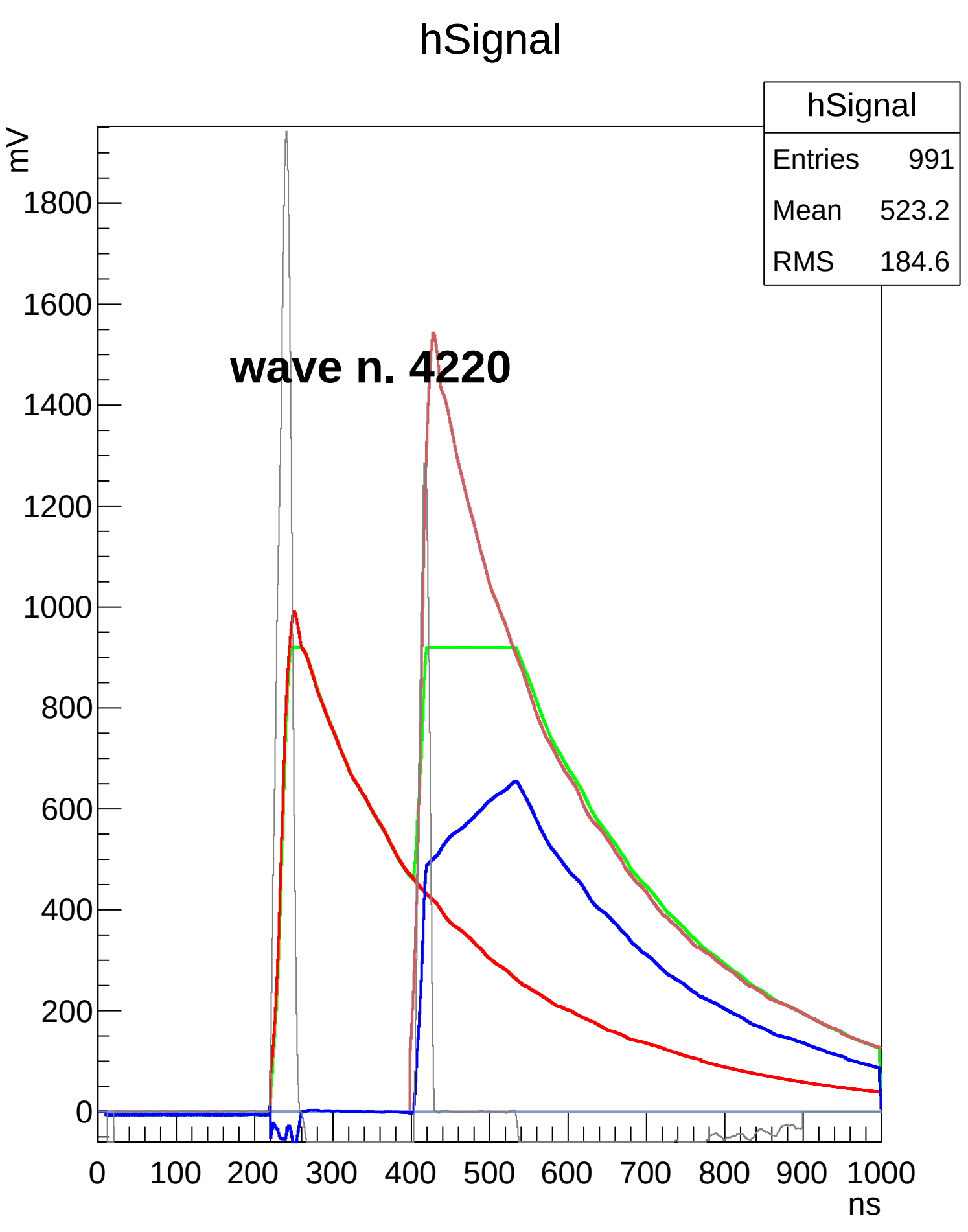
800
900
1000
ns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hSignal
Entries 991
Mean 523.2
RMS 184.6
wave n. 4220
mV
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1600
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600
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200
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400
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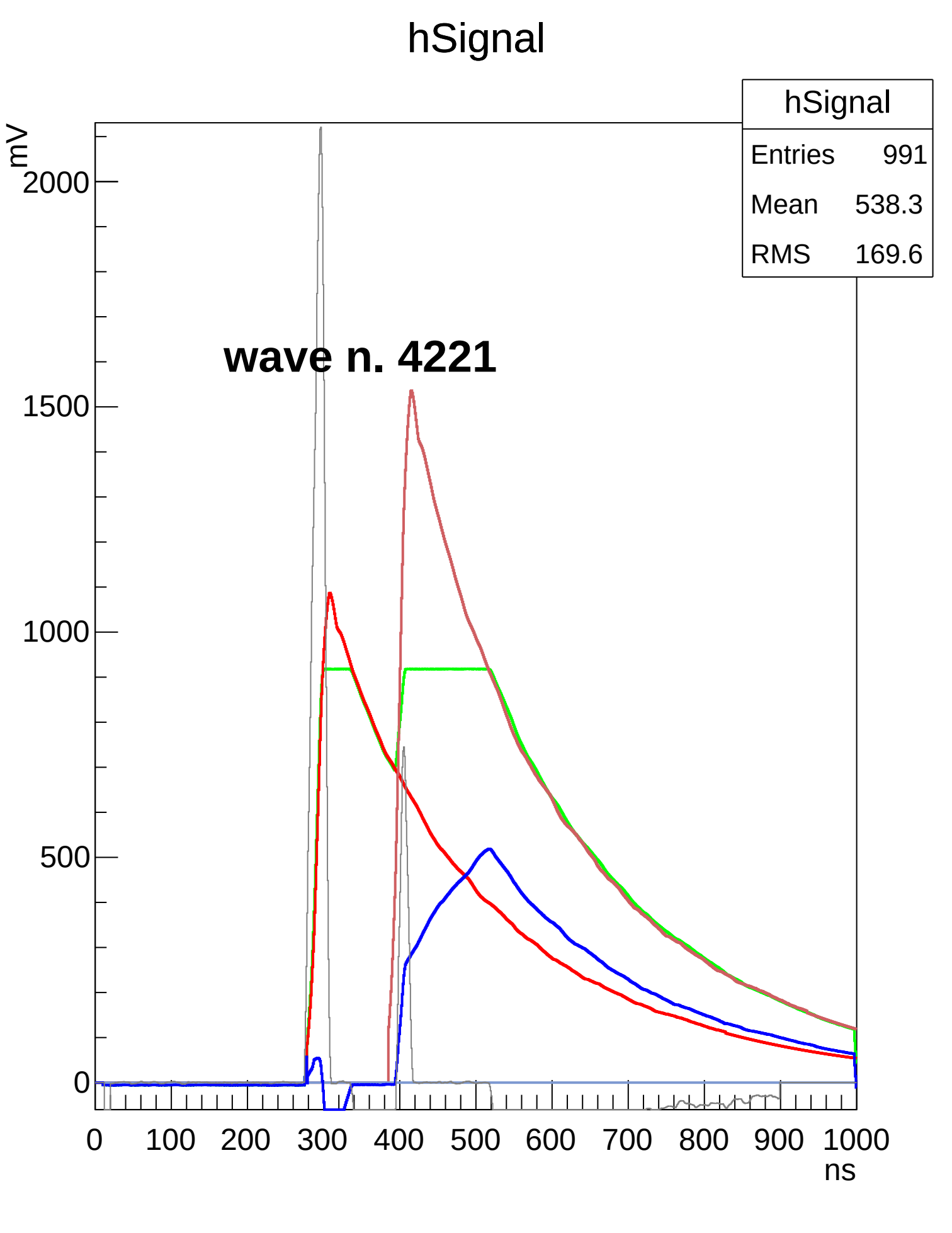
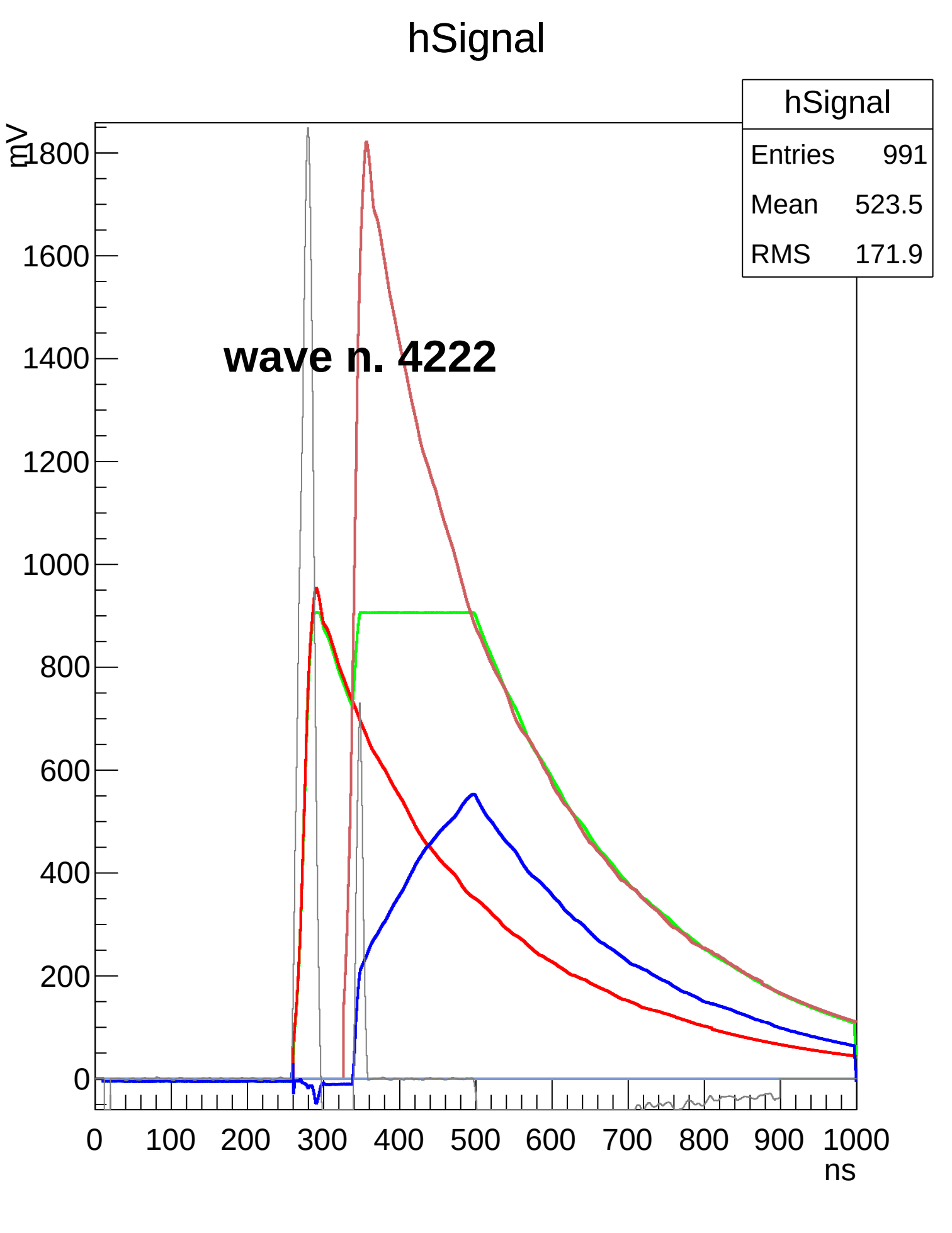
900
1000
ns


hSignal
hSignal
Entries 991
Mean 538.3
RMS 169.6
wave n. 4221
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 523.5
RMS 171.9
wave n. 4222
mV
1800
1600
1400
1200
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200
0
0
100
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500
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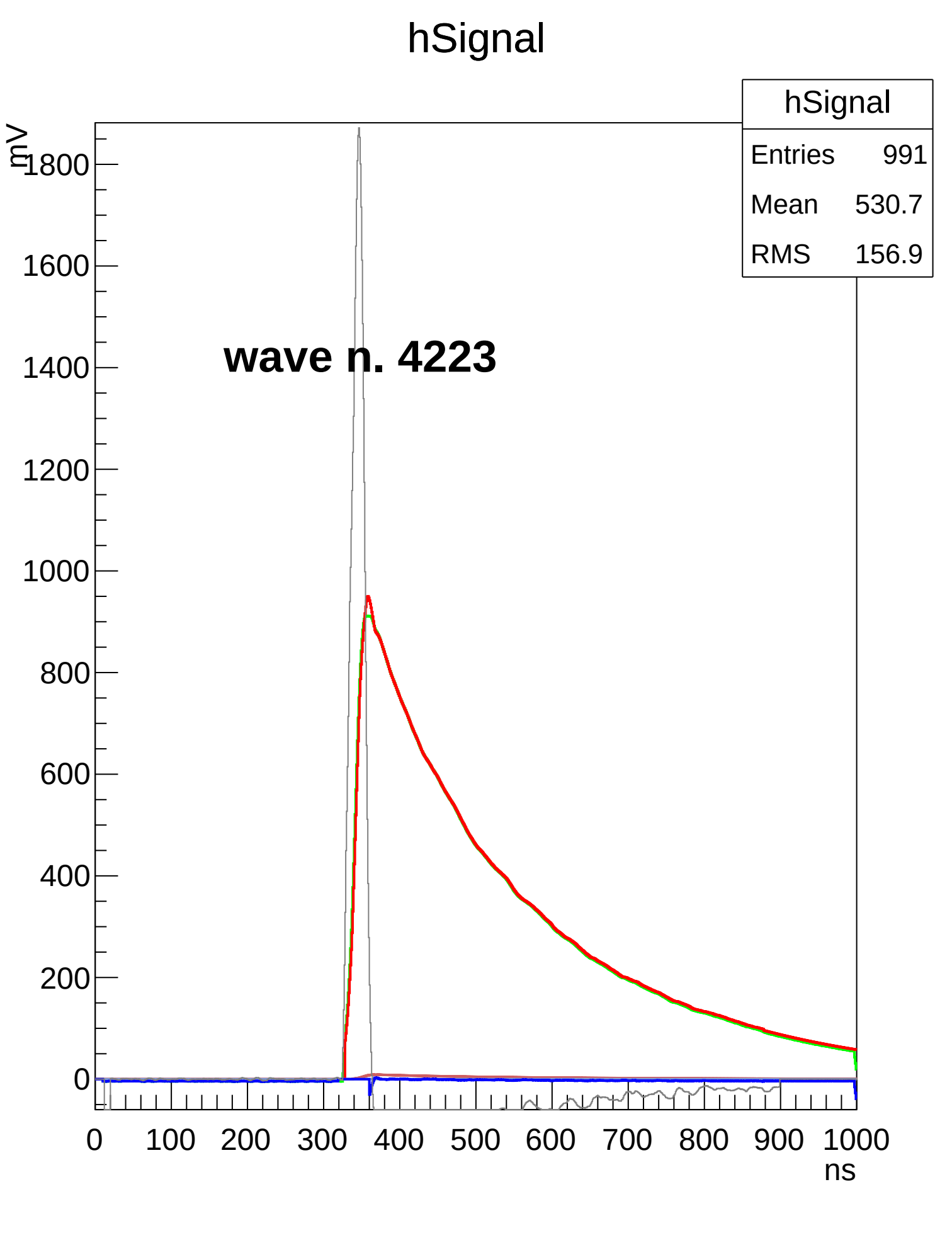
1000
ns


hSignal
hSignal
Entries 991
Mean 530.7
RMS 156.9
wave n. 4223
mV
1800
1600
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400
200
0
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400
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1000
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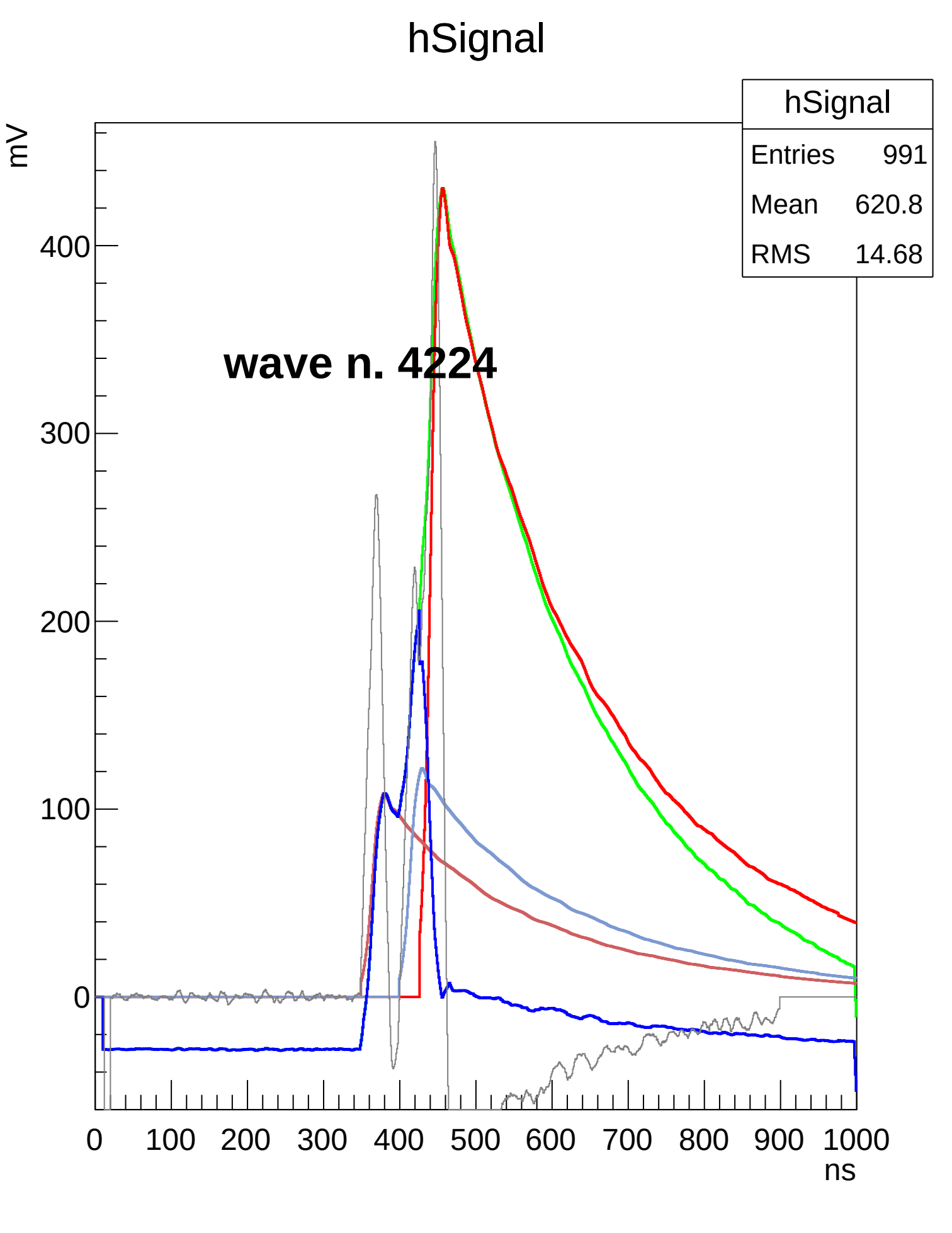
hSignal
hSignal
Entries 991
Mean 620.8
RMS 14.68
wave n. 4224
mV
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300
200
100
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0
100
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400
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800
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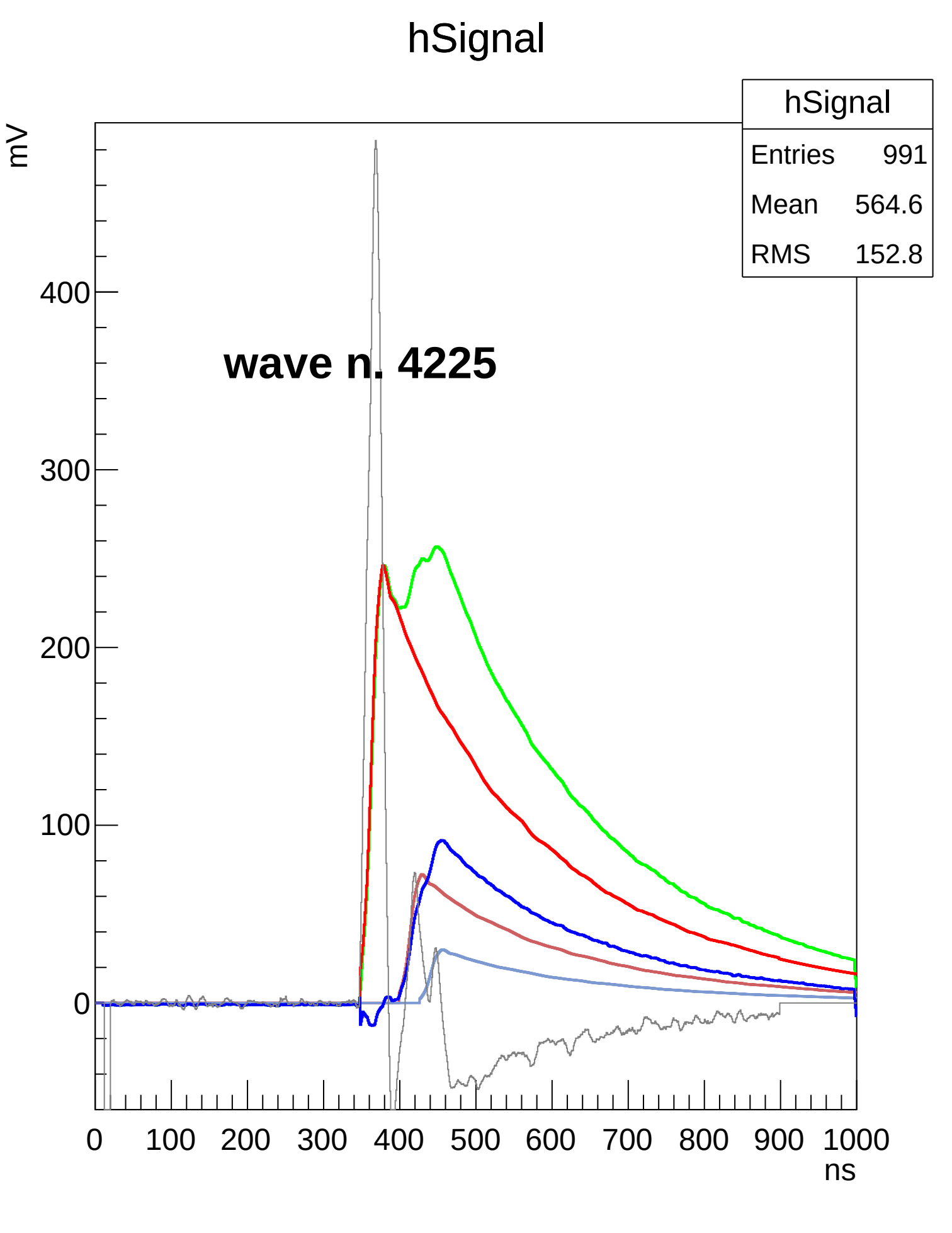
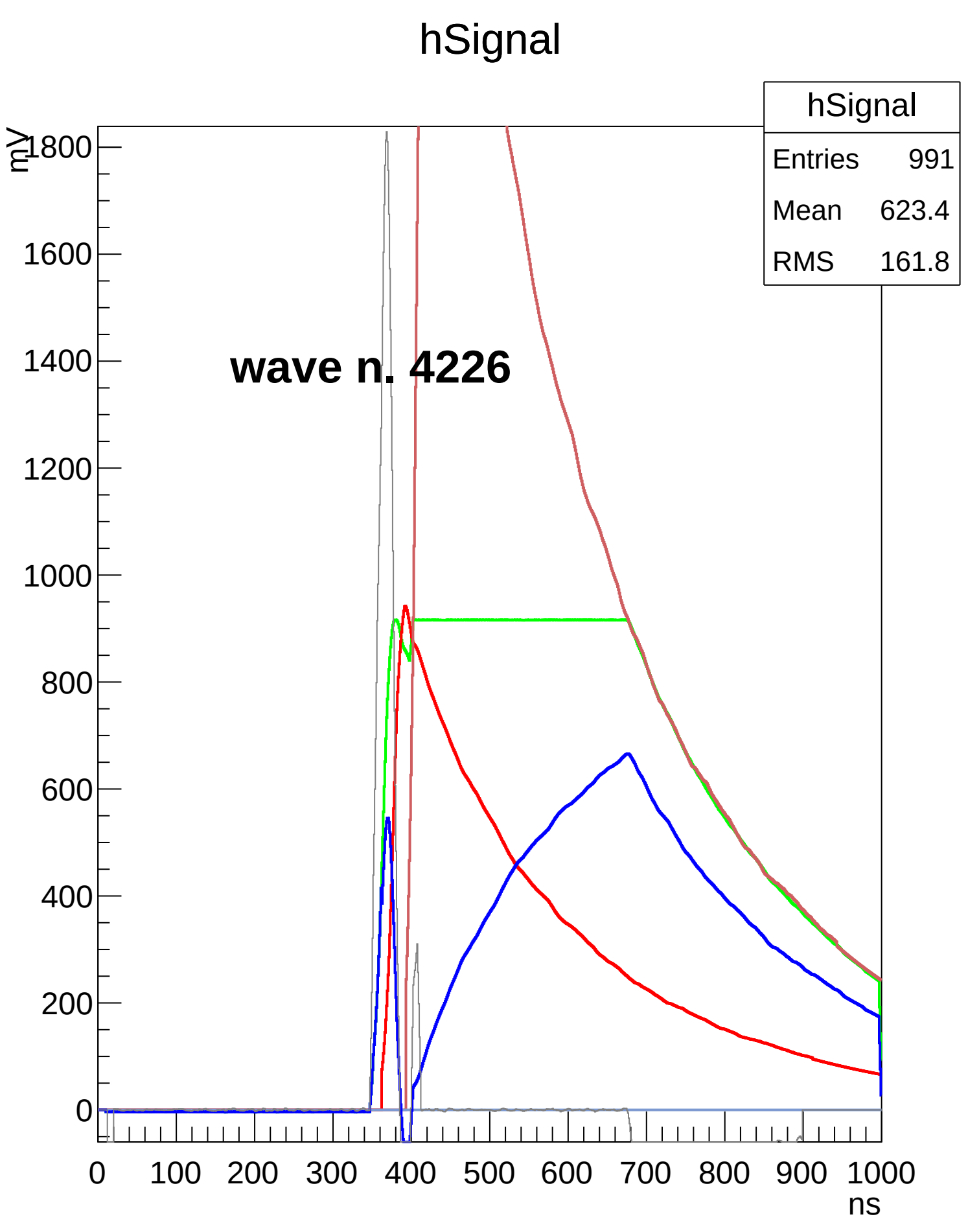
1000
ns


hSignal
hSignal
Entries 991
Mean 564.6
RMS 152.8
wave n. 4225
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 623.4
RMS 161.8
wave n. 4226
mV
1800
1600
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600
400
200
0
0
100
200
300
400
500
600
700
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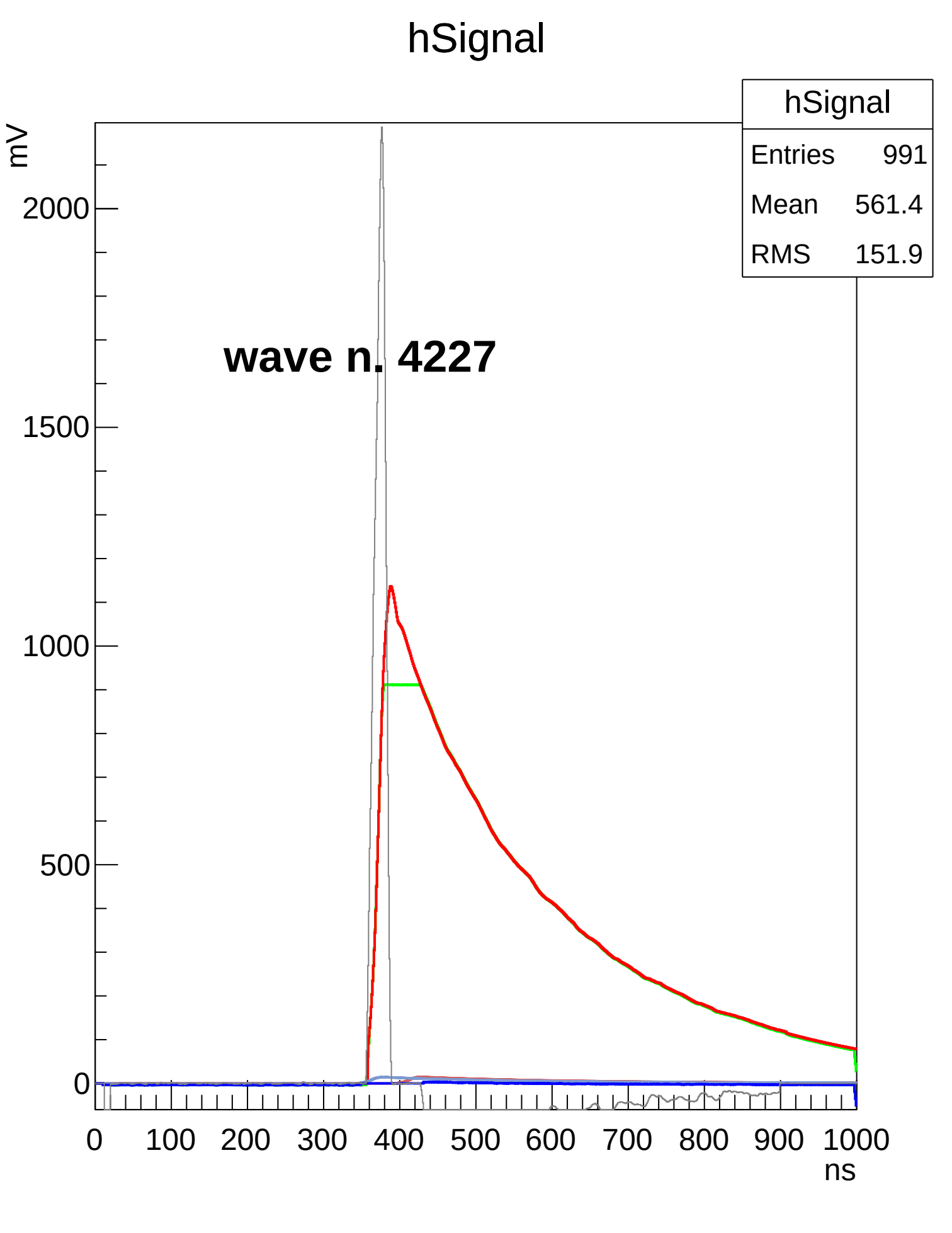
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.4
RMS 151.9
wave n. 4227
mV
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1500
1000
500
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0
100
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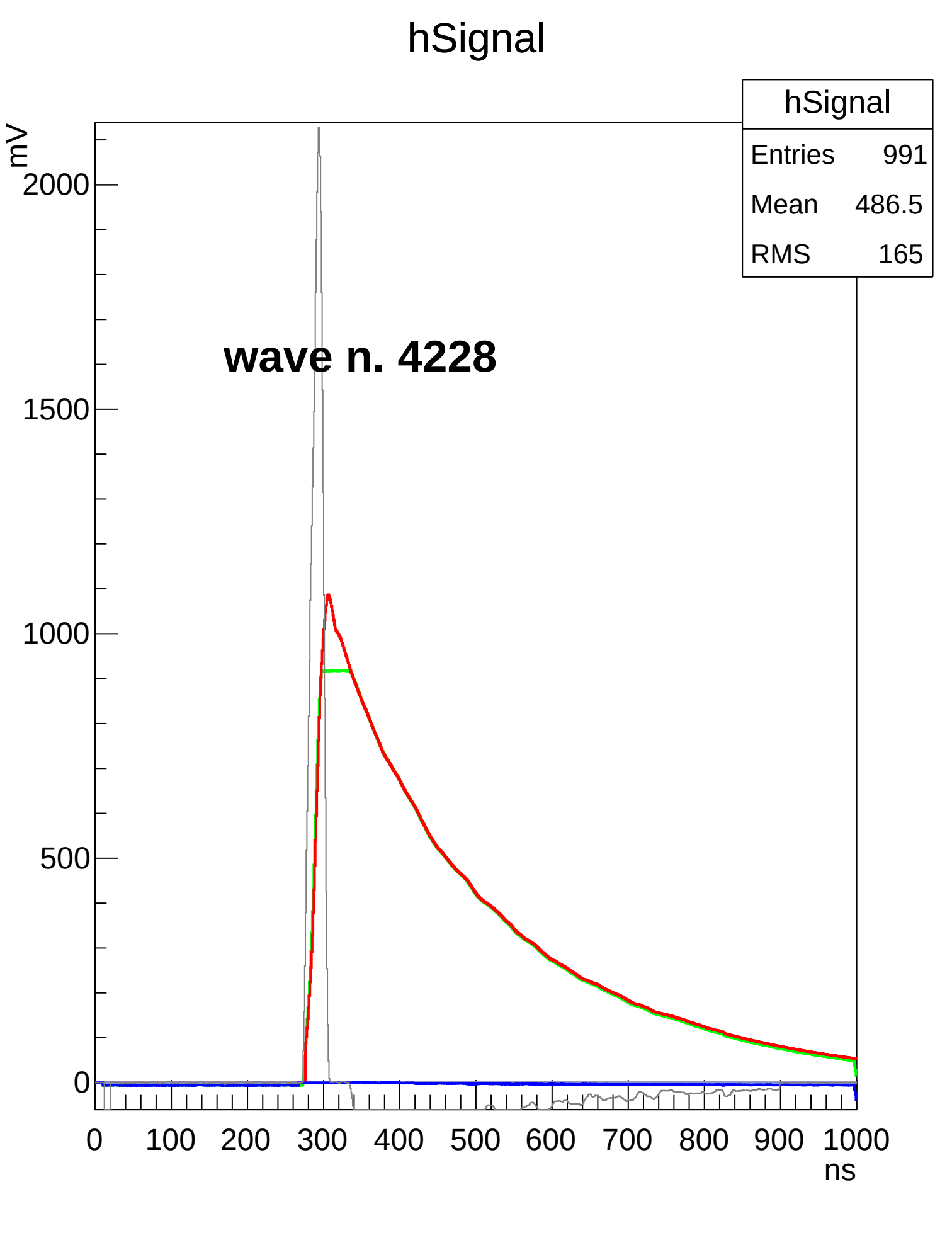
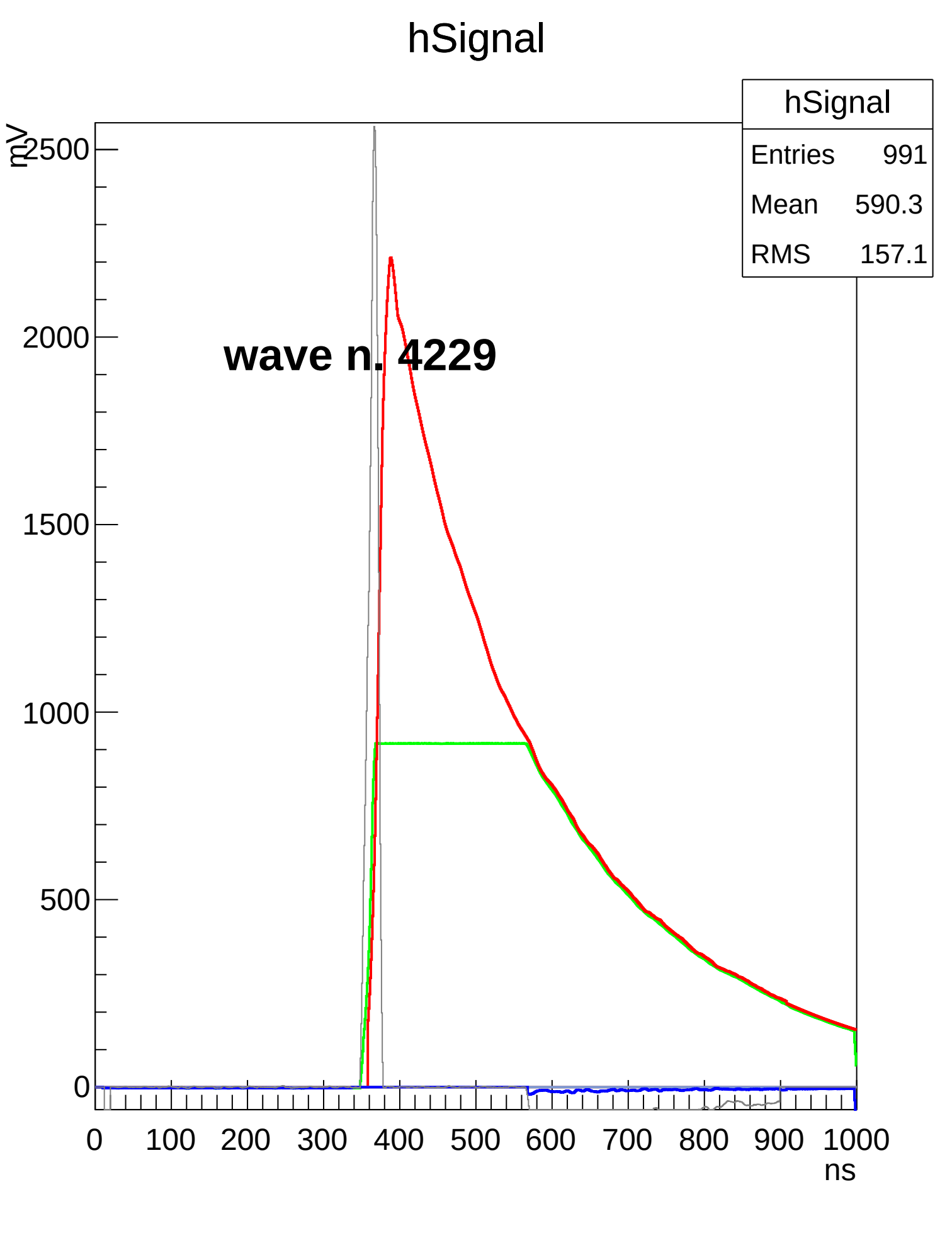
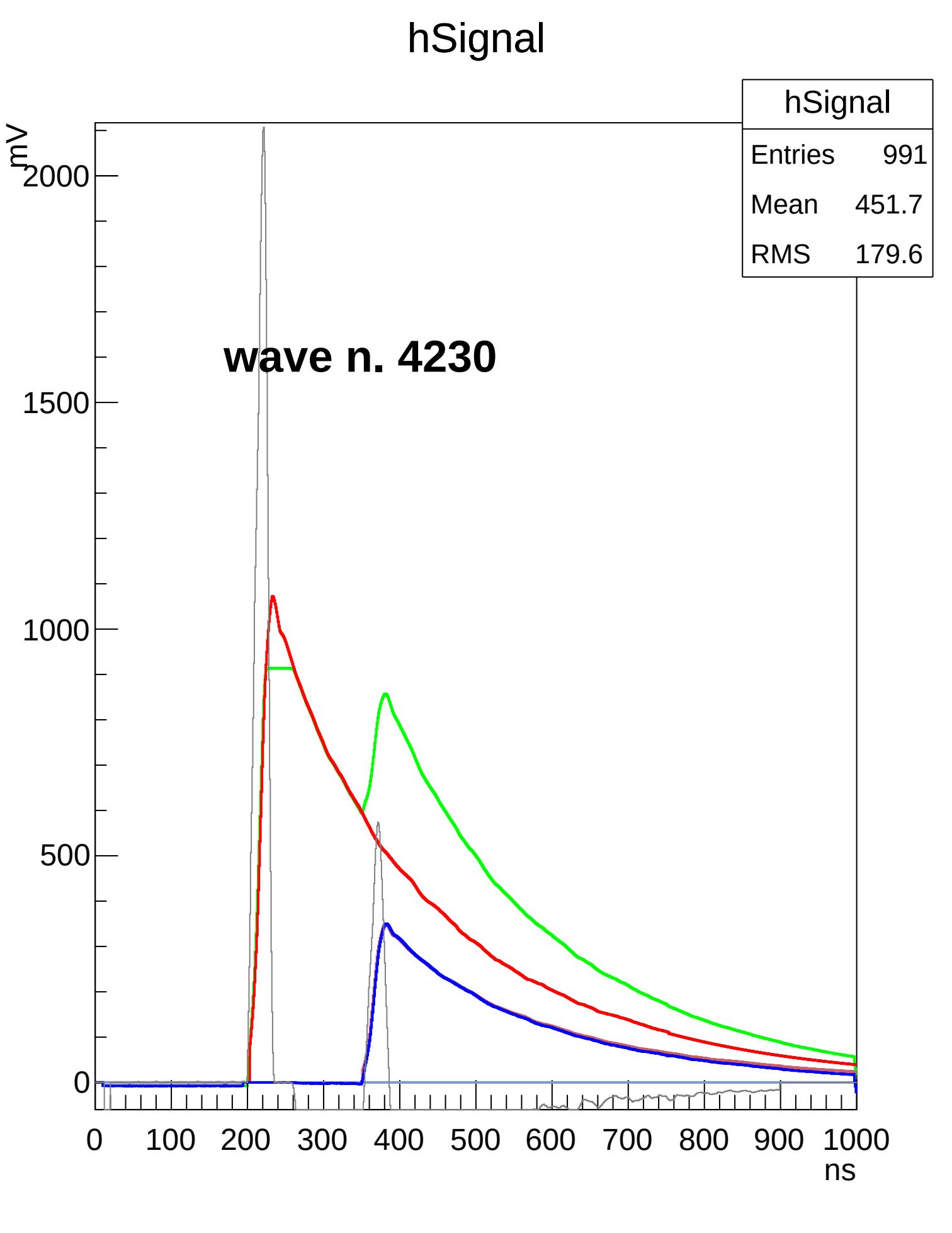
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486.5
RMS 165
wave n. 4228
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 590.3
RMS 157.1
wave n. 4229
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 451.7
RMS 179.6
wave n. 4230
mV
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500
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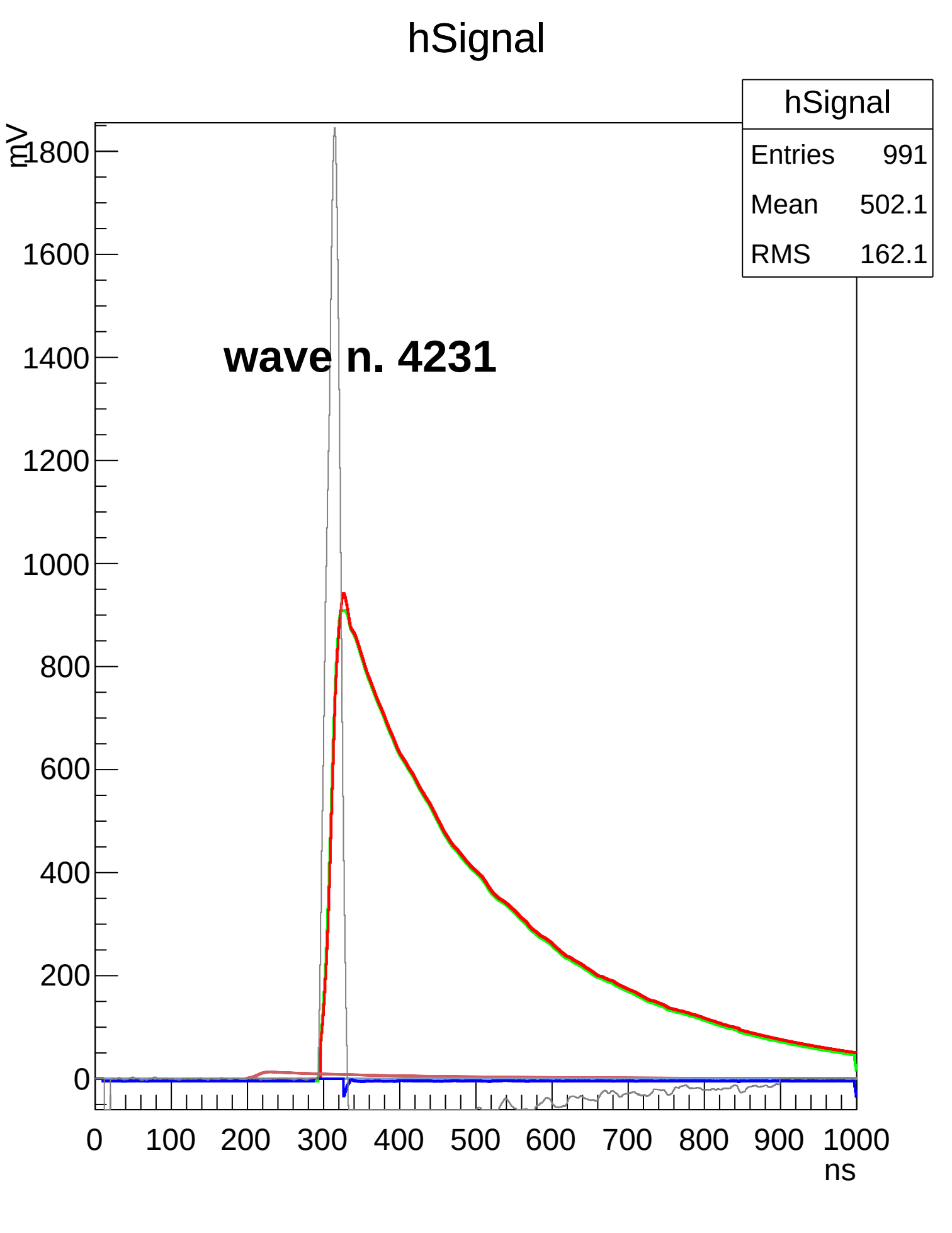
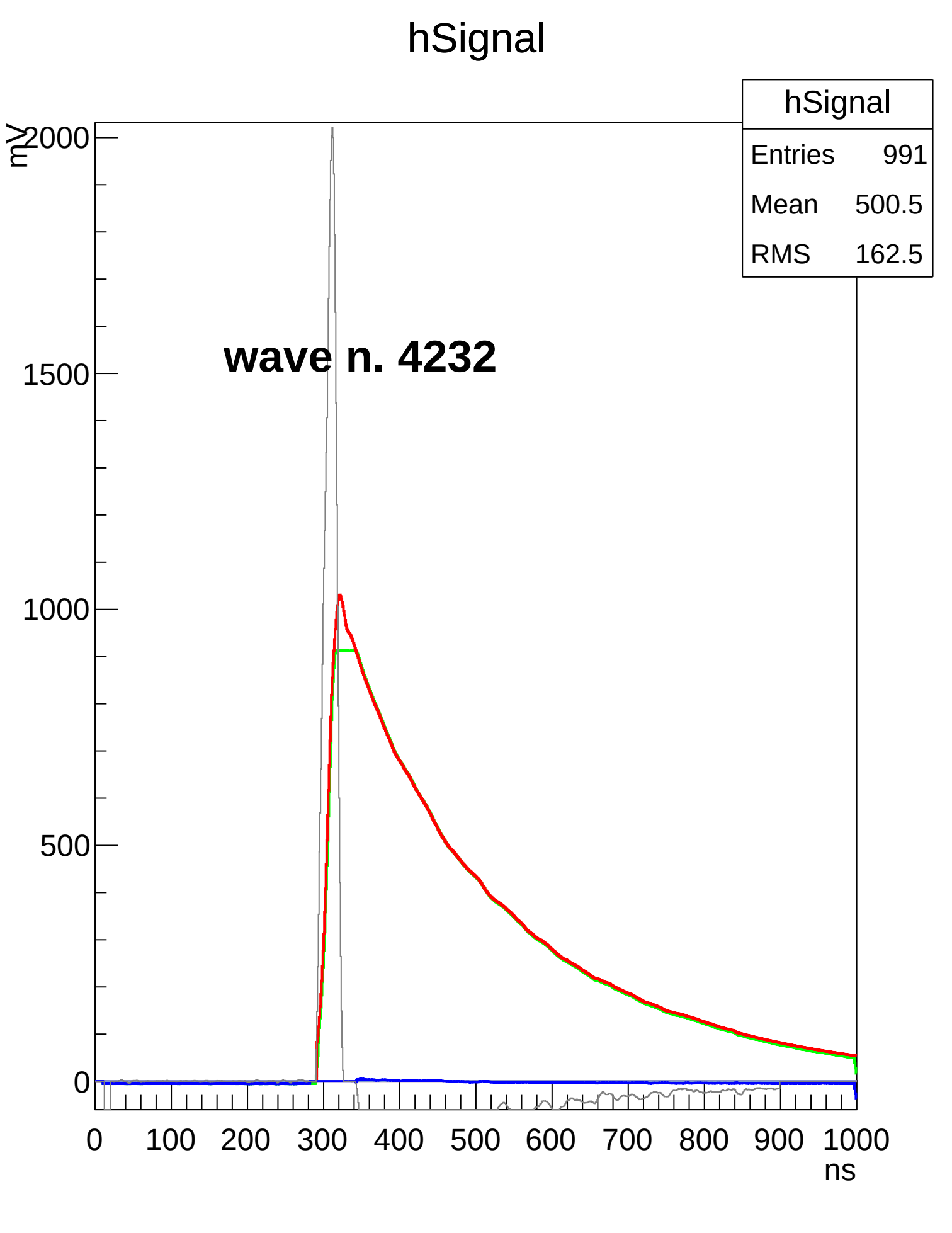
ns


hSignal
hSignal
Entries 991
Mean 502.1
RMS 162.1
wave n. 4231
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 500.5
RMS 162.5
wave n. 4232
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1000
500
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0
100
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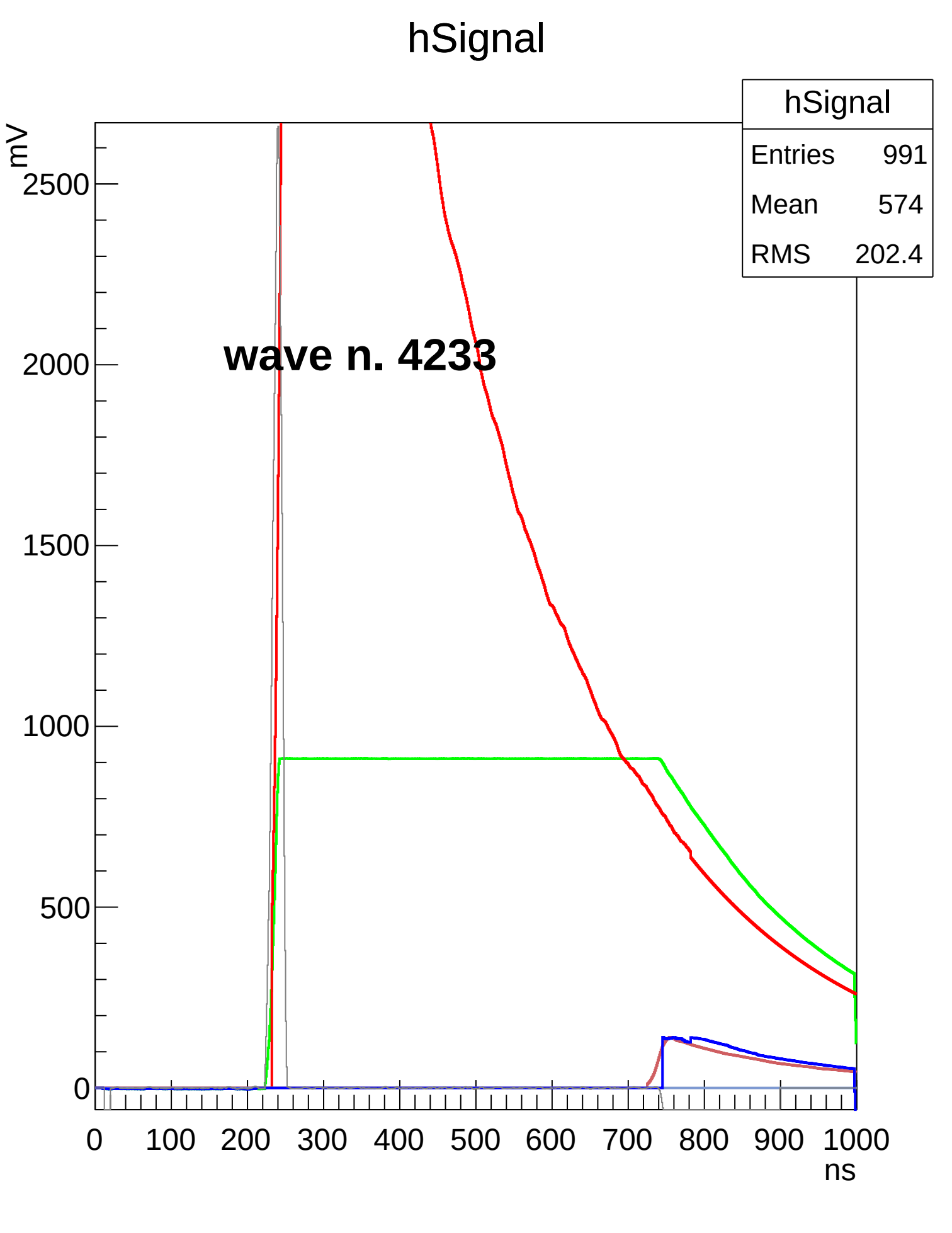
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 574
RMS 202.4
wave n. 4233
mV
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1000
500
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0
100
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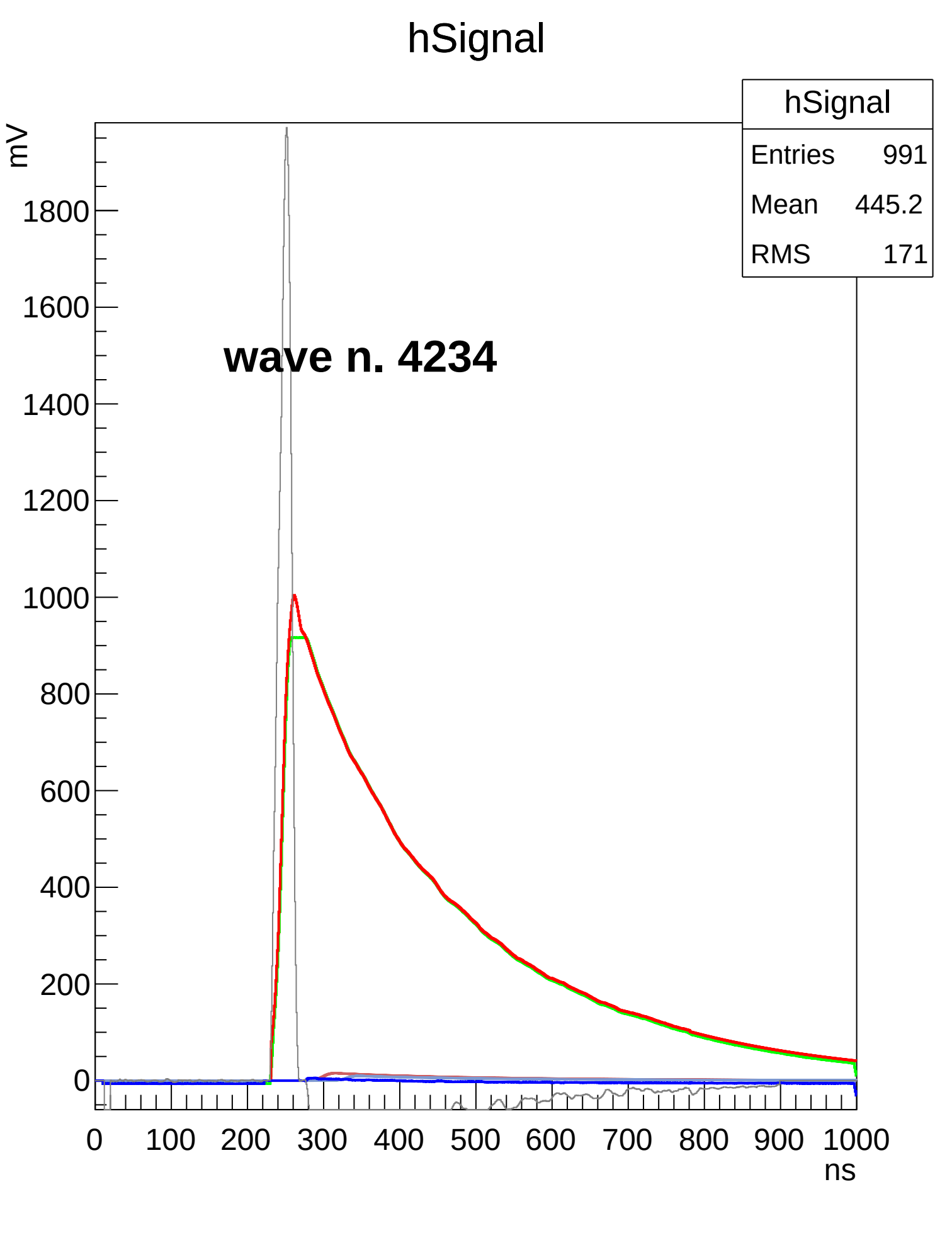
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 445.2
RMS 171
wave n. 4234
mV
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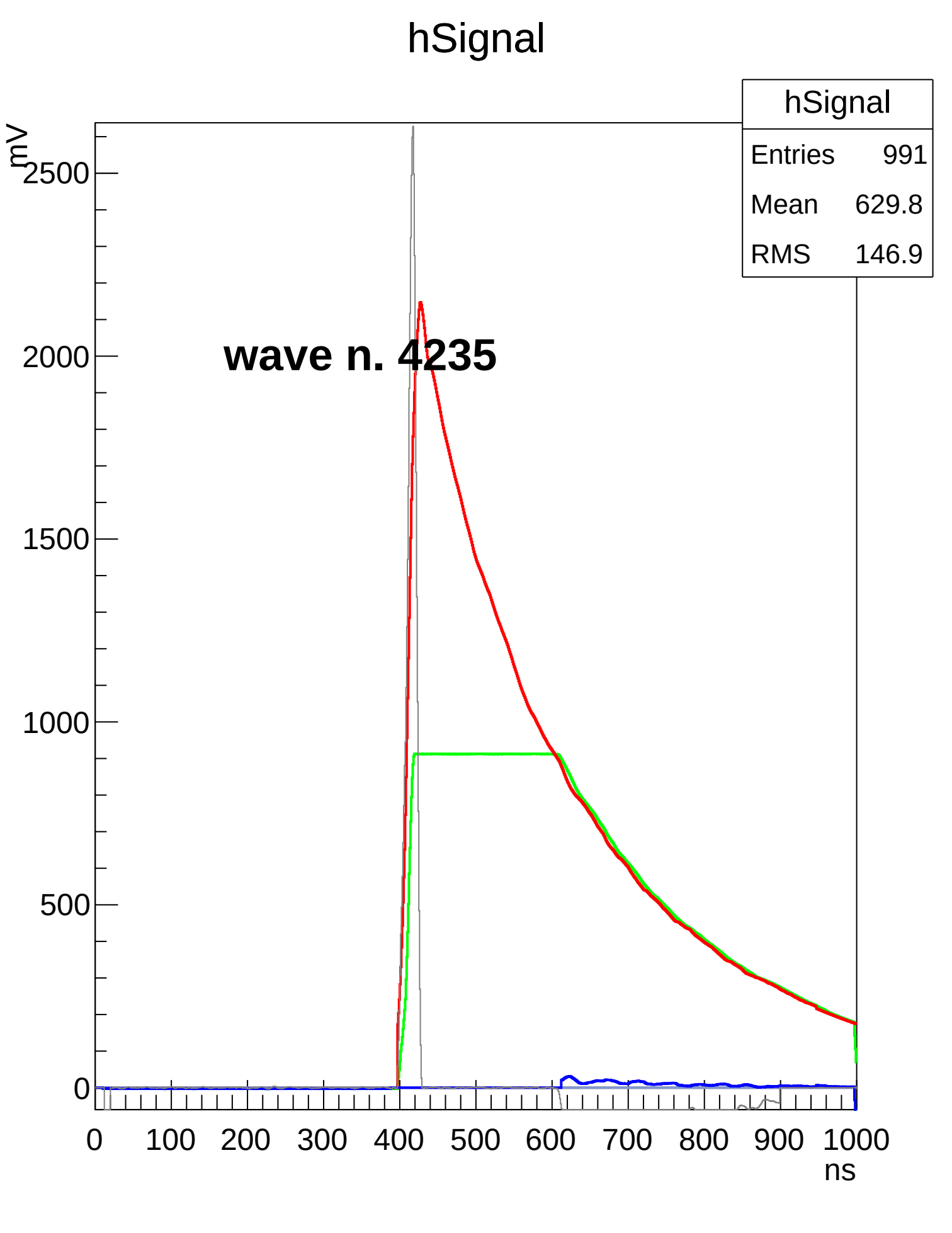
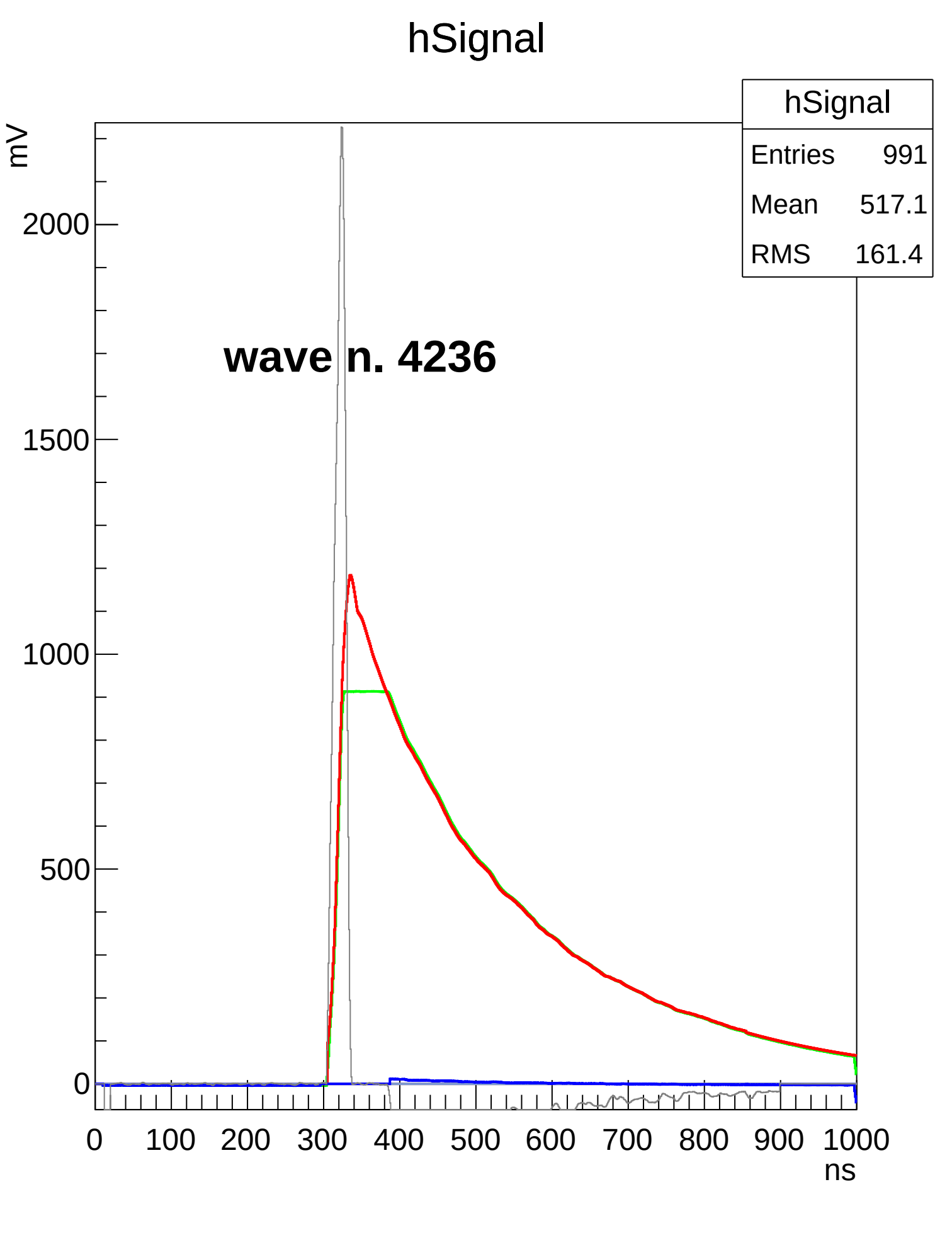
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 629.8
RMS 146.9
wave n. 4235
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 517.1
RMS 161.4
wave n. 4236
mV
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1500
1000
500
0
0
100
200
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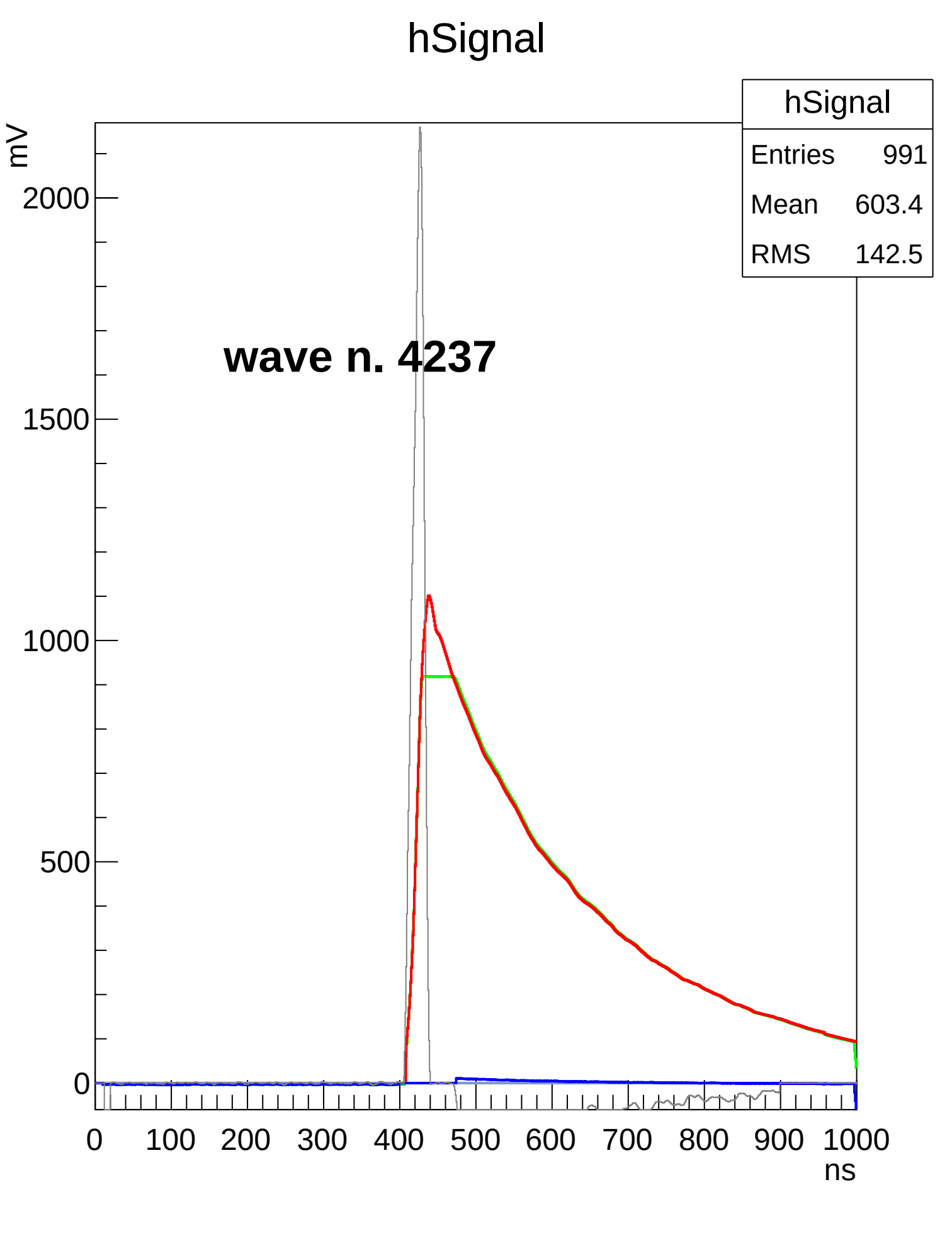
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 603.4
RMS 142.5
wave n. 4237
mV
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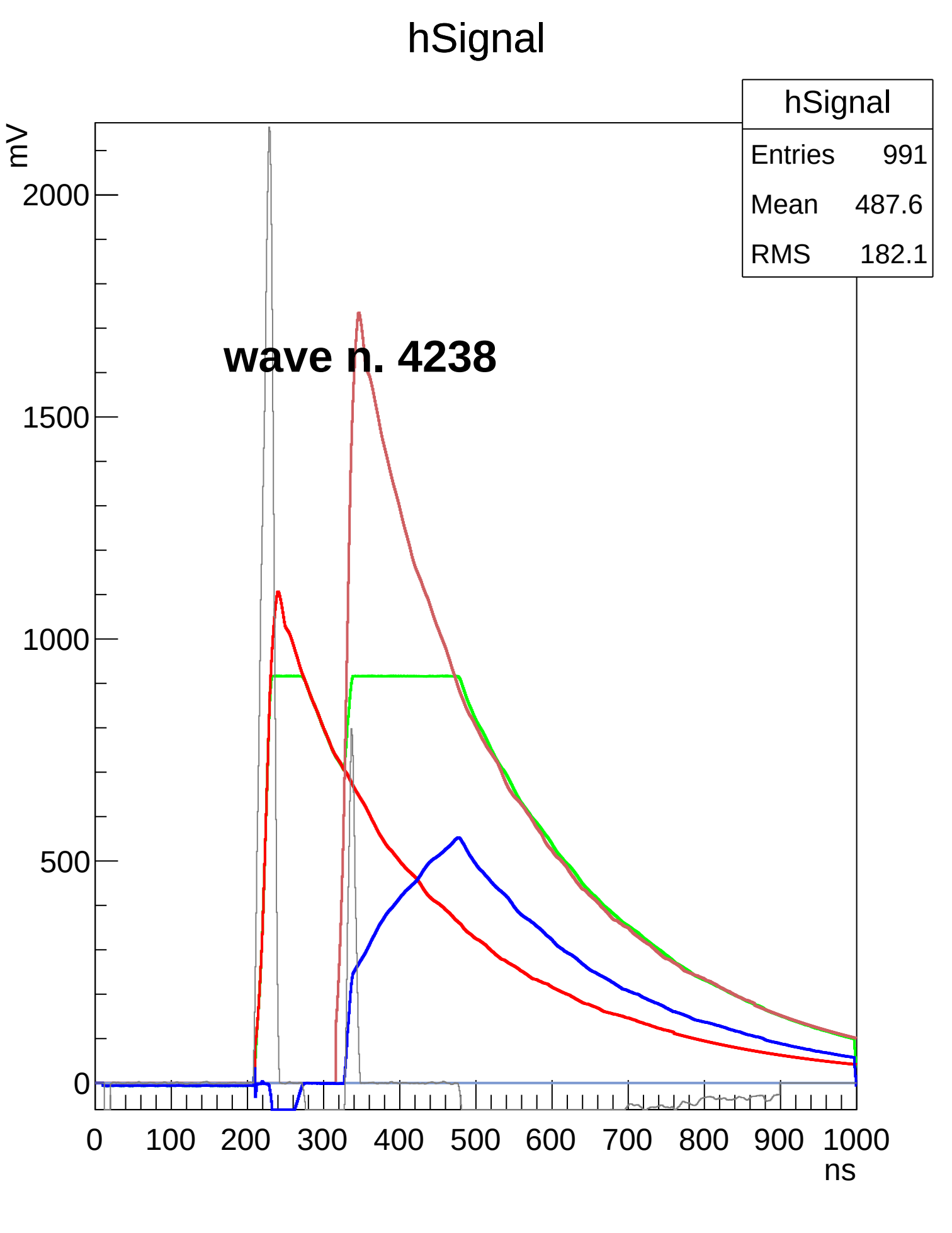
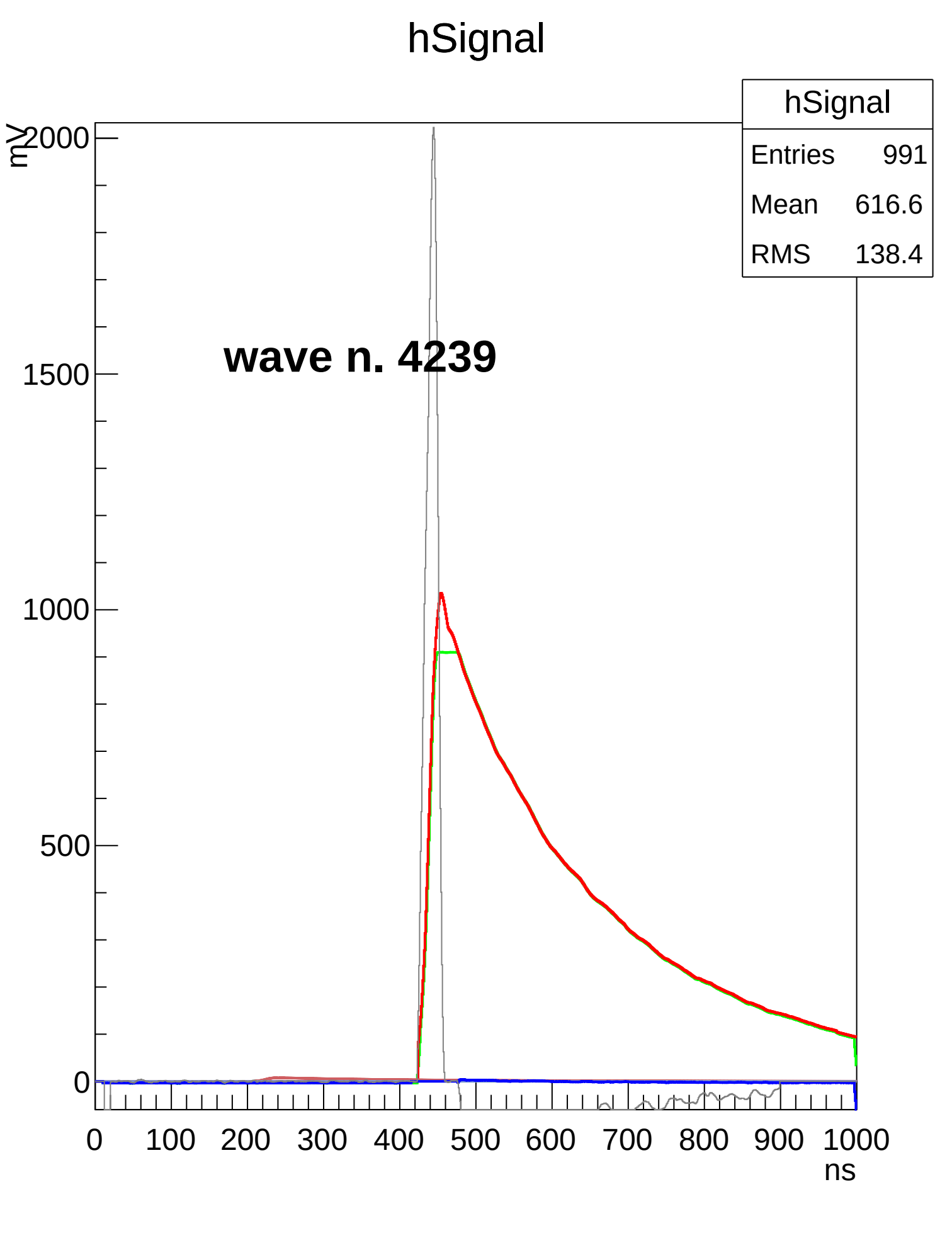
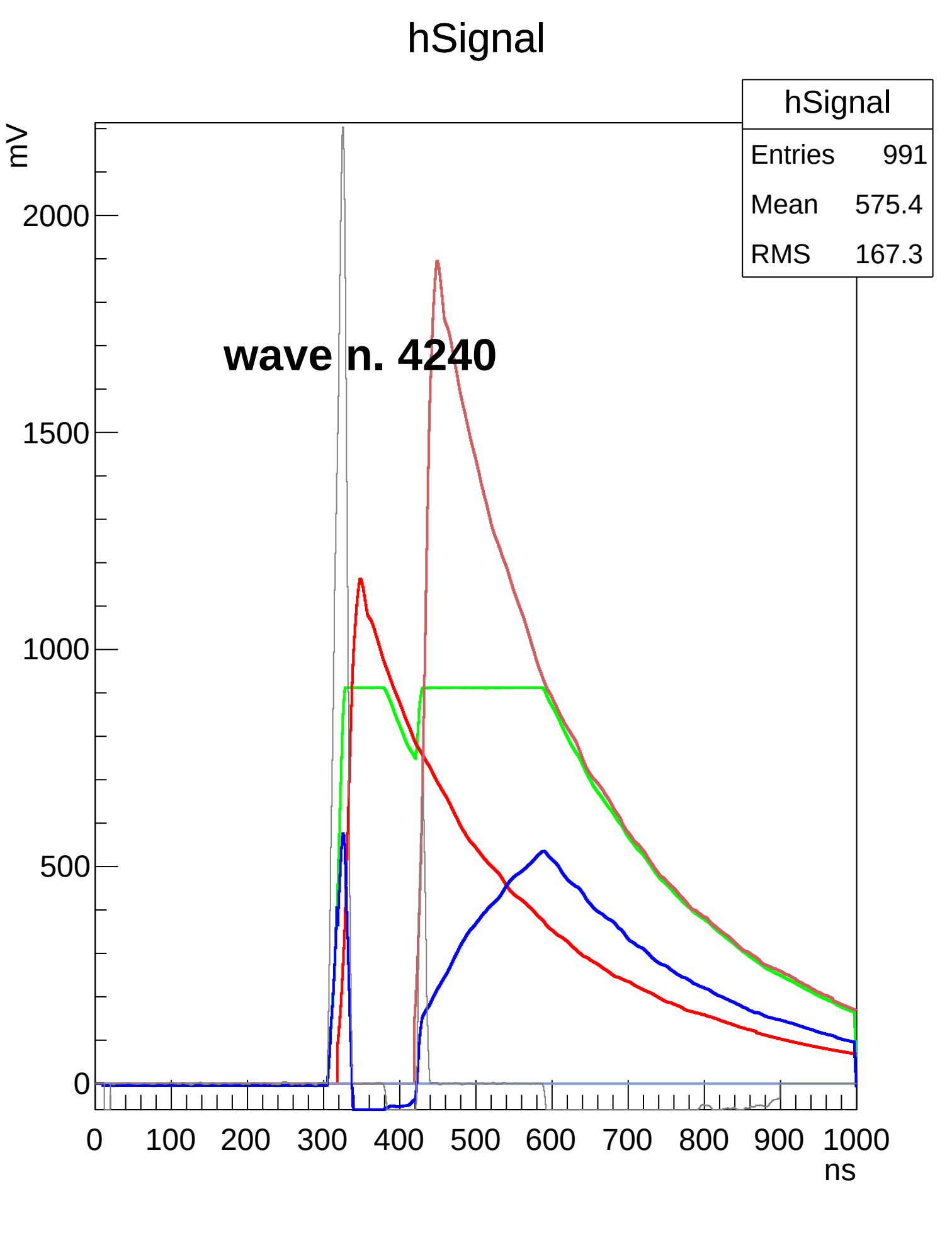
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 487.6
RMS 182.1
wave n. 4238
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 616.6
RMS 138.4
wave n. 4239
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 575.4
RMS 167.3
wave n. 4240
mV
2000
1500
1000
500
0
0
100
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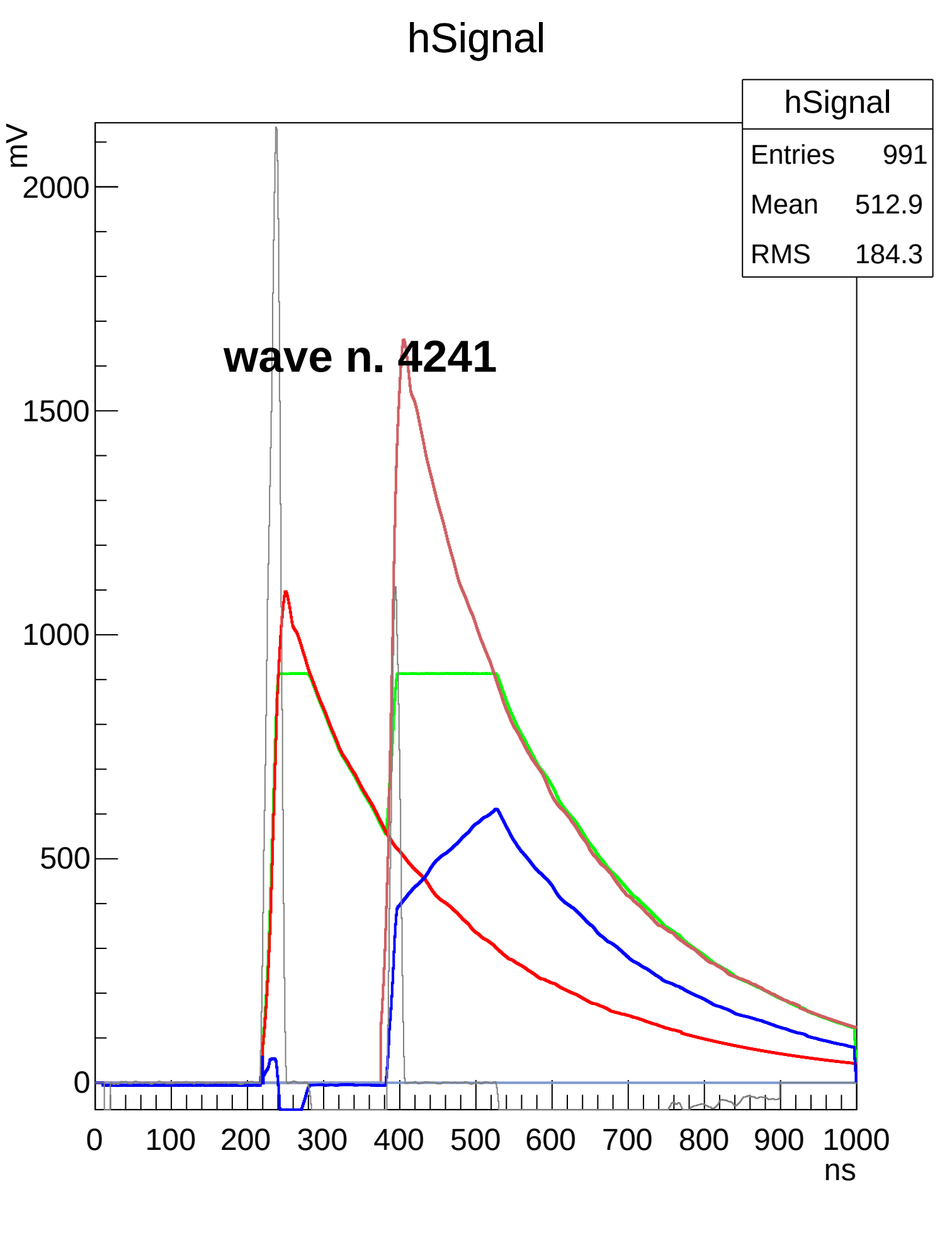
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.9
RMS 184.3
wave n. 4241
mV
2000
1500
1000
500
0
0
100
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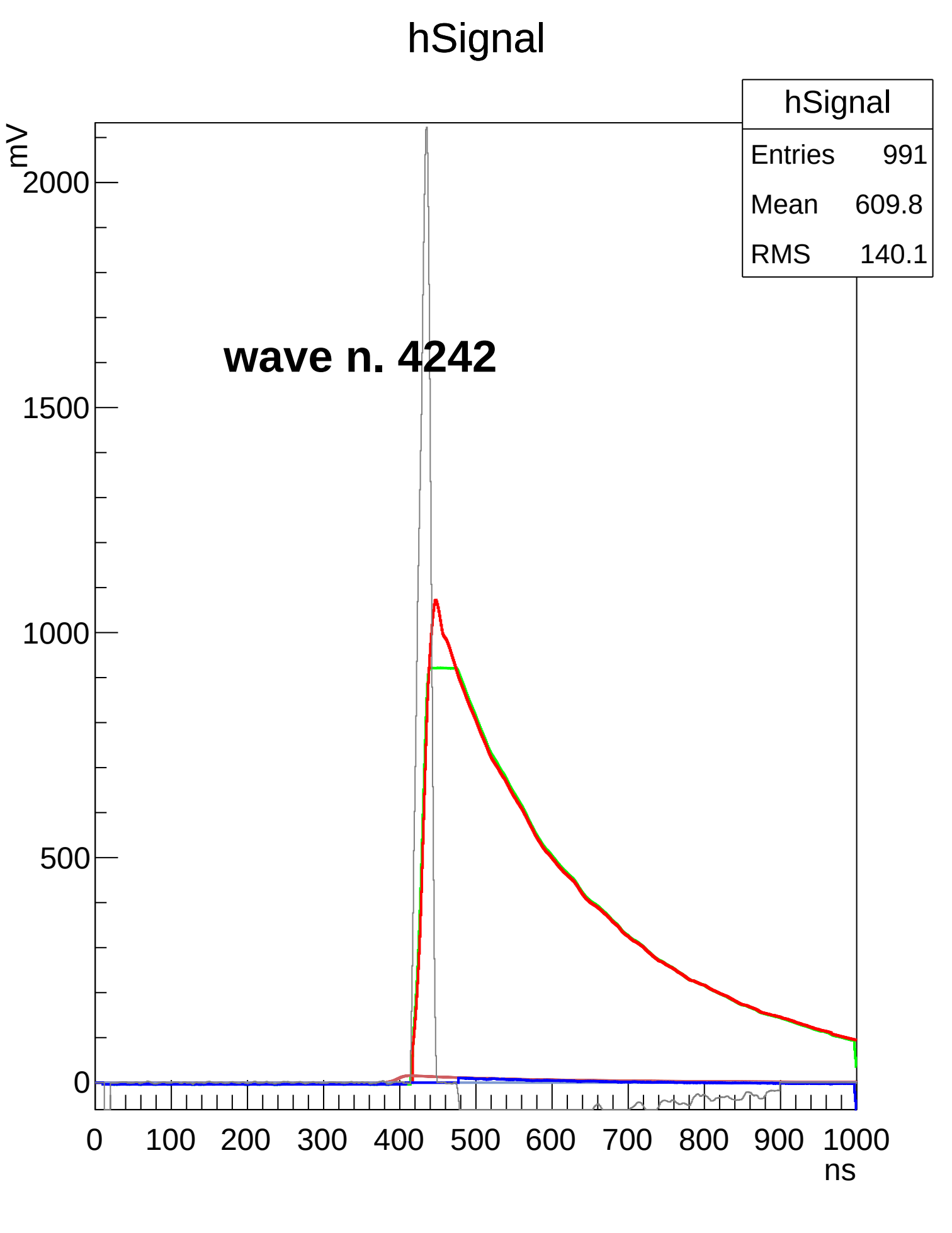
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 609.8
RMS 140.1
wave n. 4242
mV
2000
1500
1000
500
0
0
100
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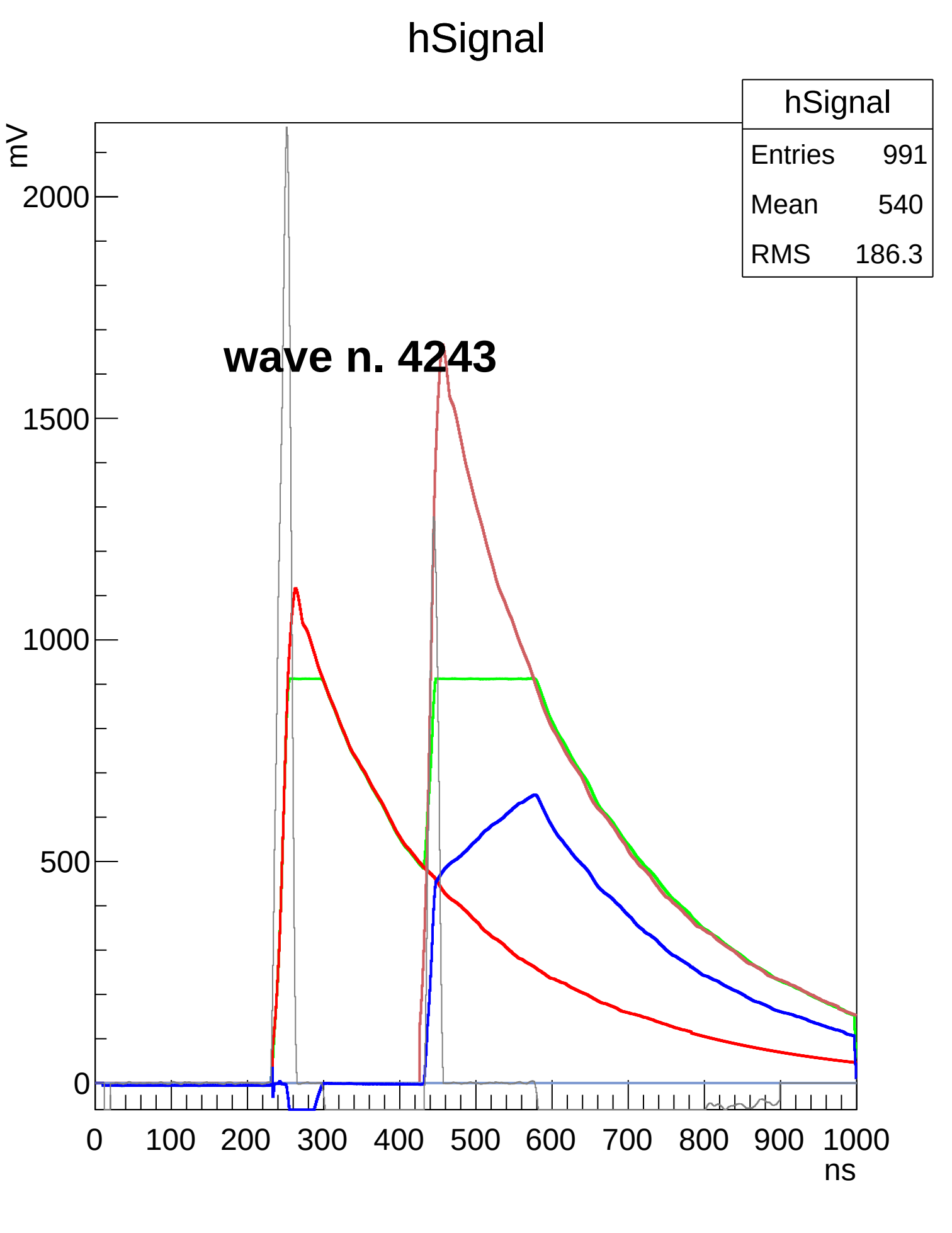
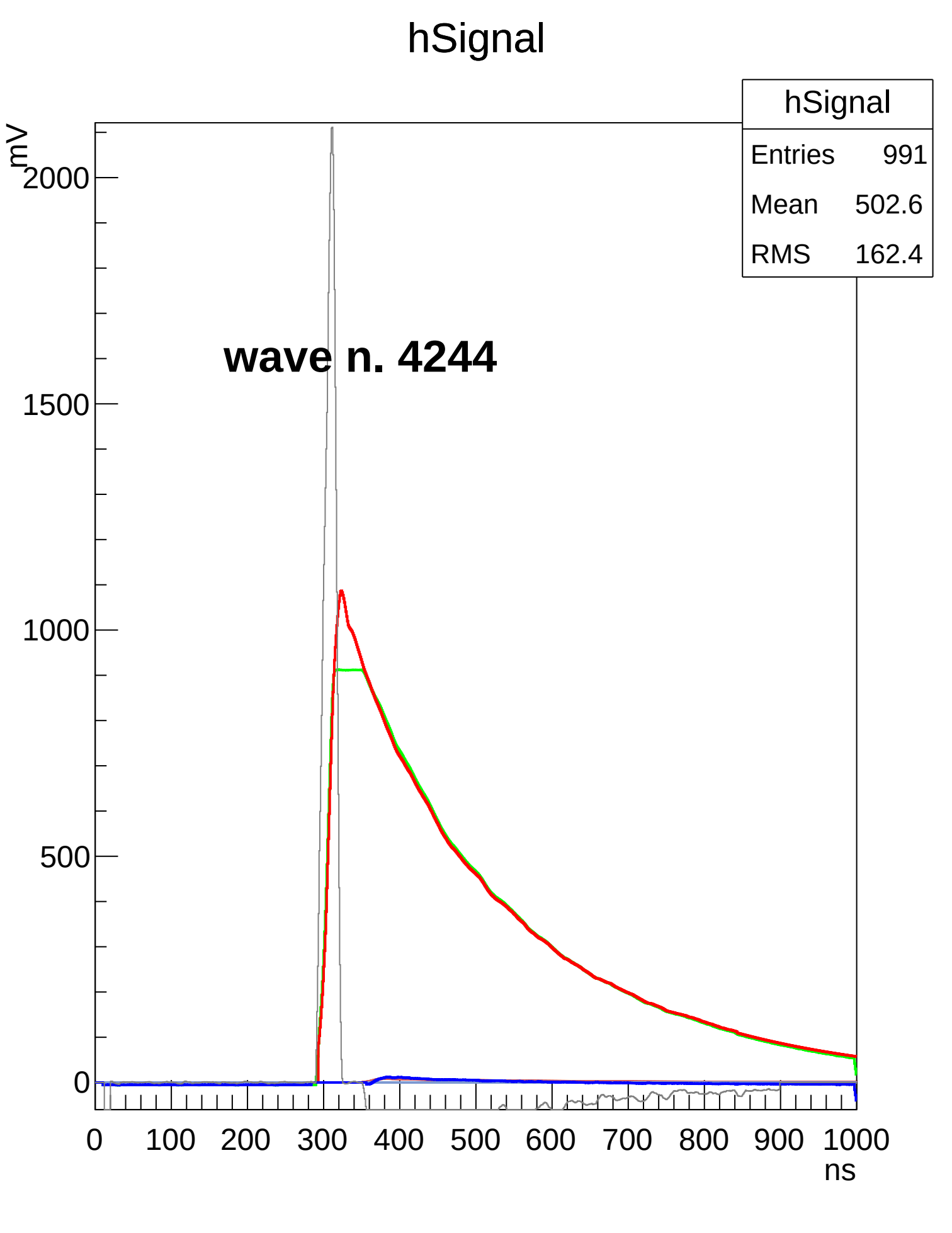
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 540
RMS 186.3
wave n. 4243
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.6
RMS 162.4
wave n. 4244
mV
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1500
1000
500
0
0
100
200
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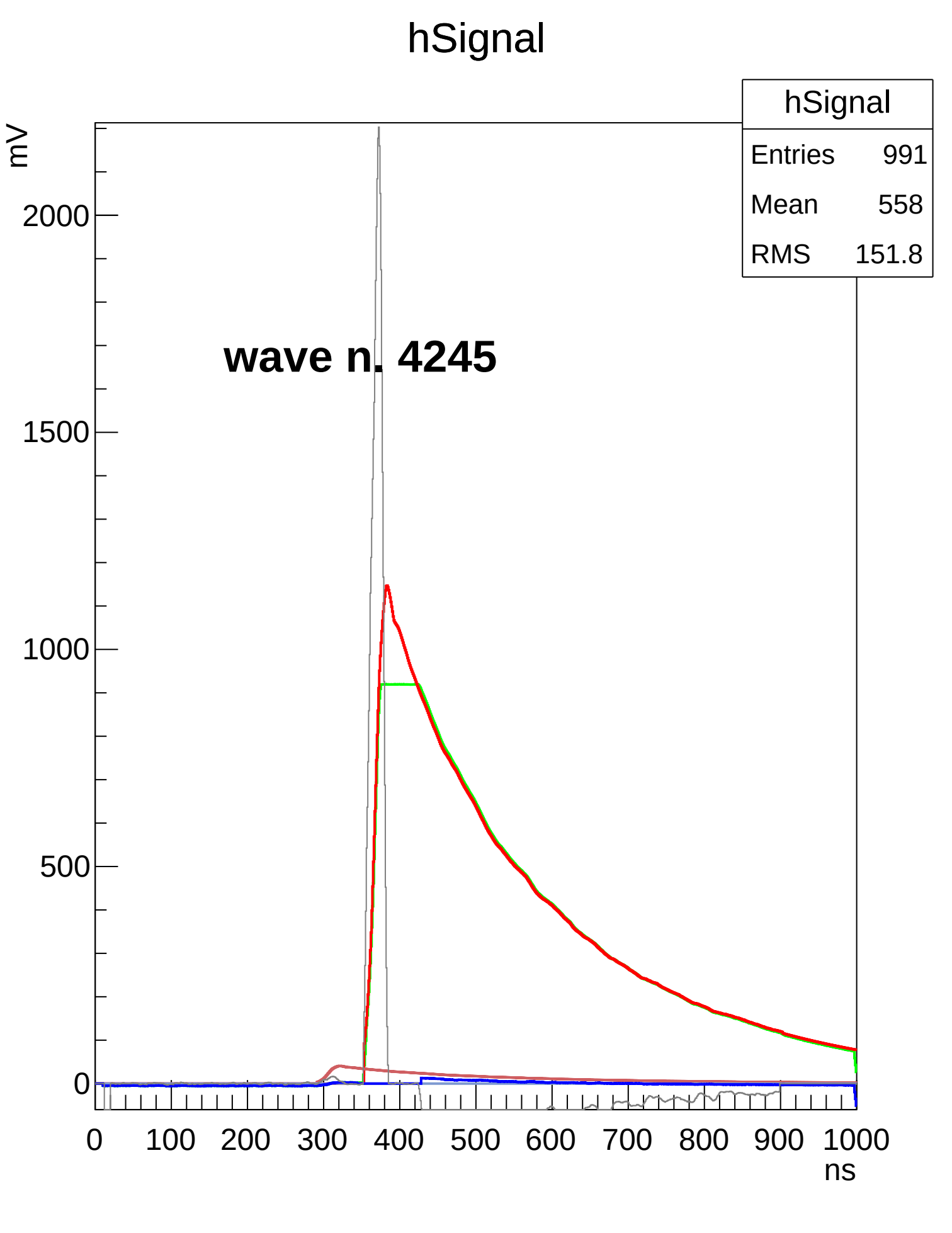
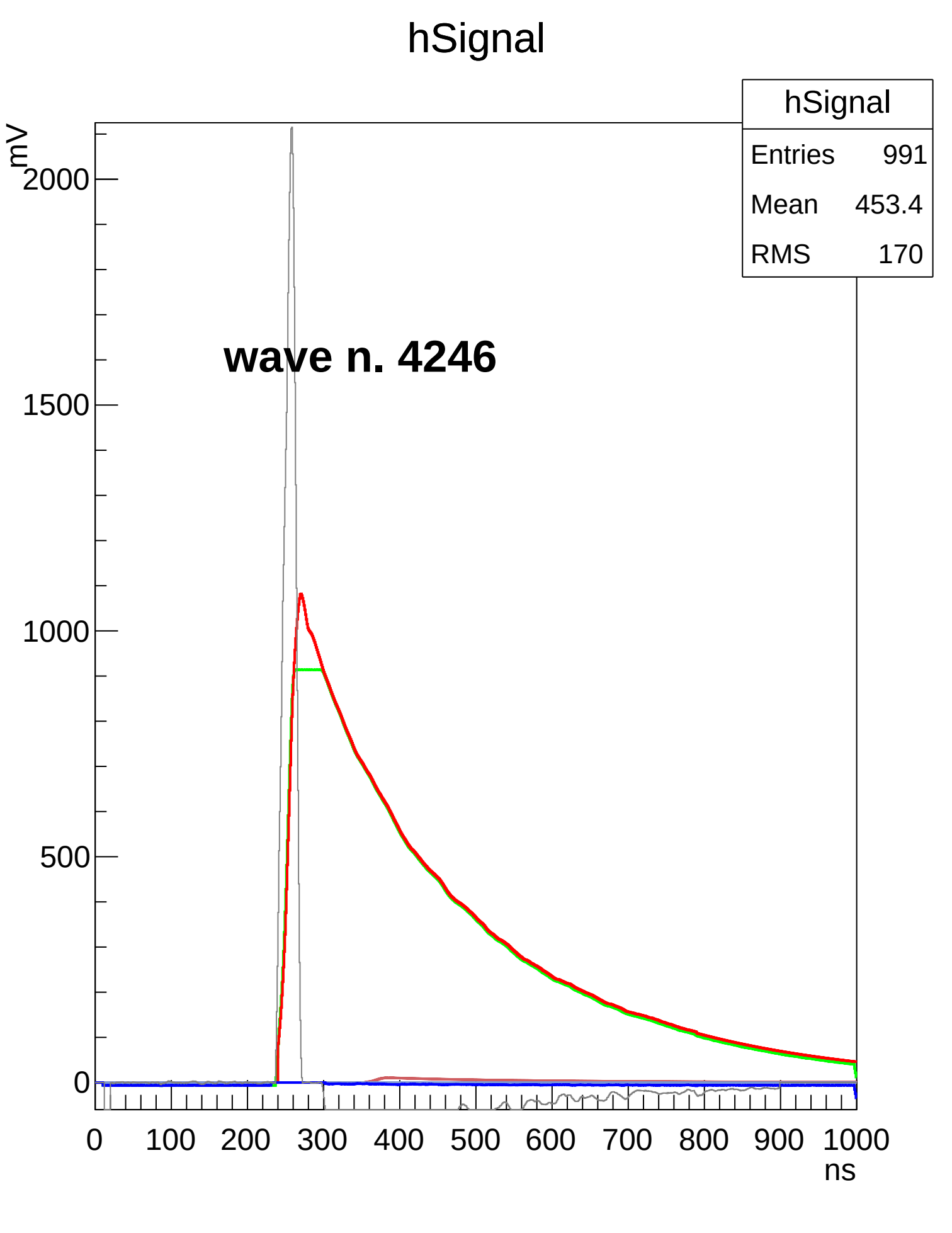
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558
RMS 151.8
wave n. 4245
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 453.4
RMS 170
wave n. 4246
mV
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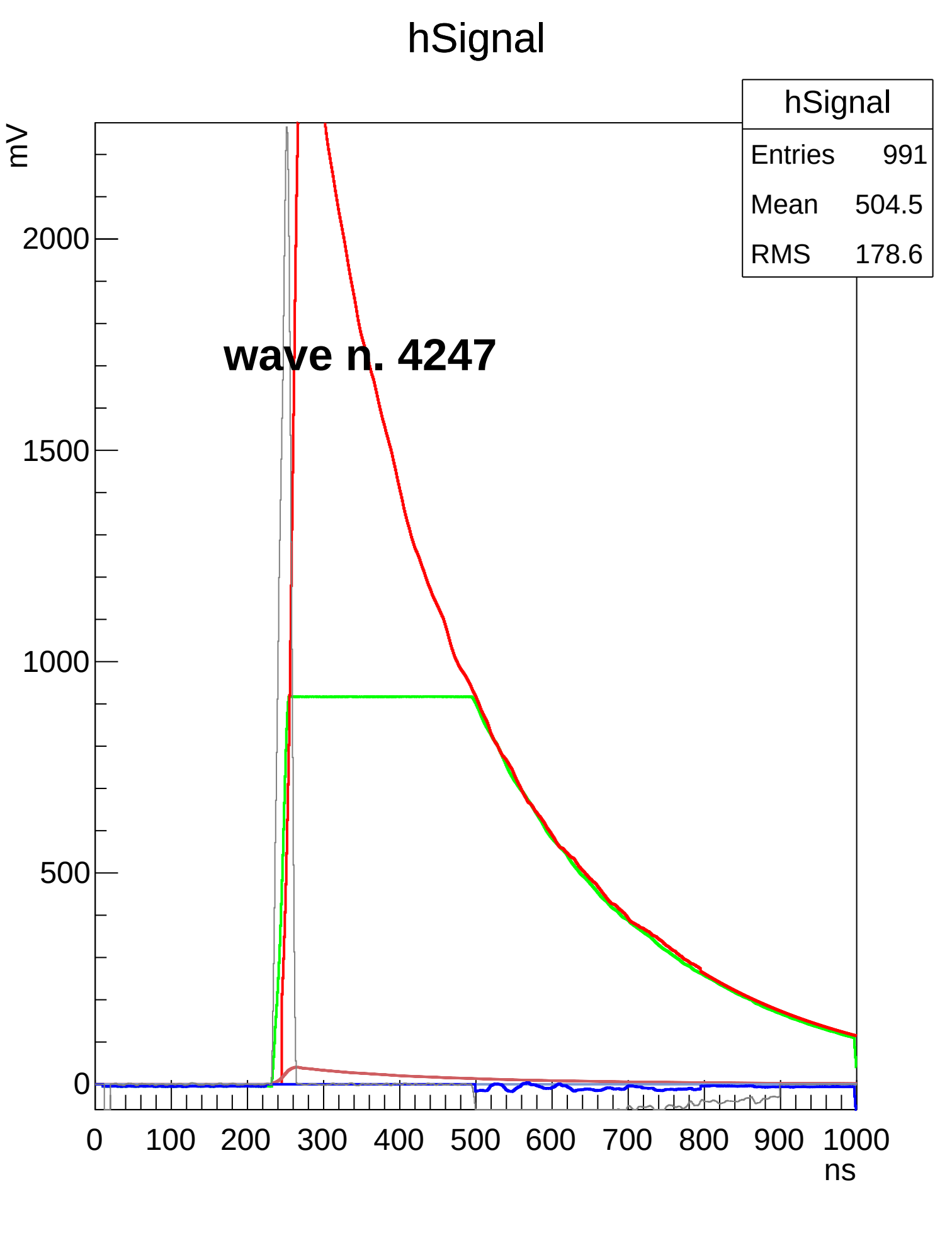
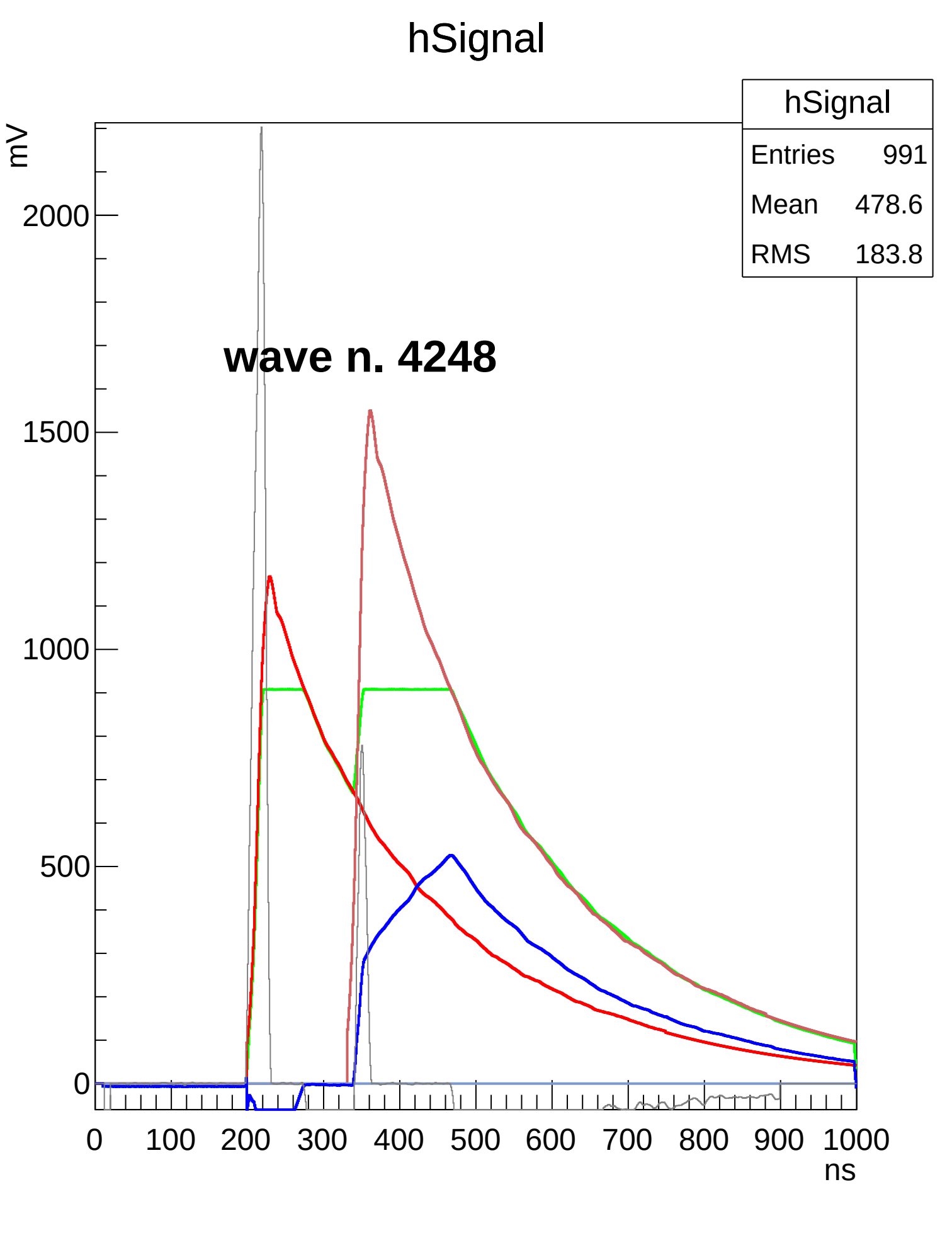
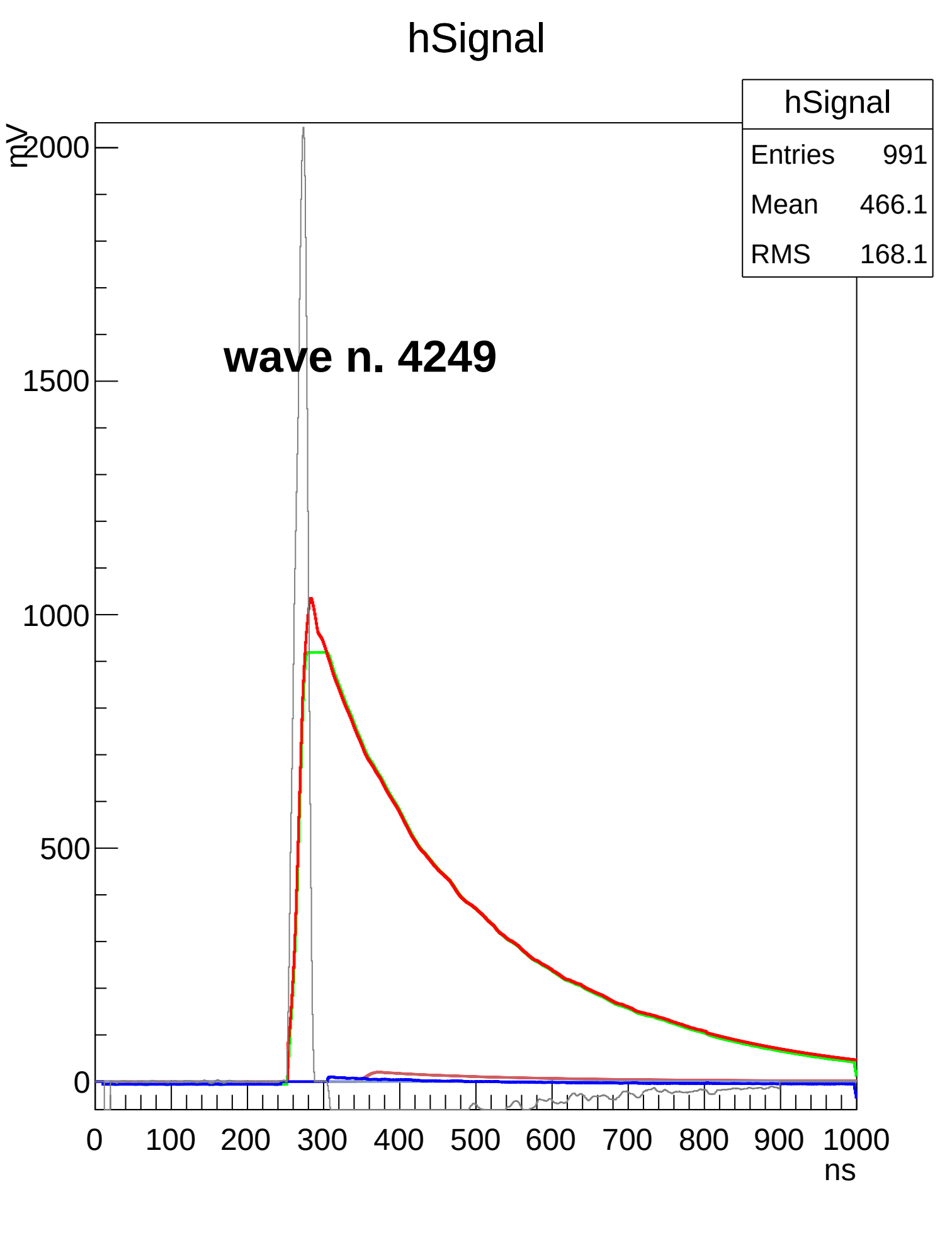
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.5
RMS 178.6
wave n. 4247
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 478.6
RMS 183.8
wave n. 4248
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 466.1
RMS 168.1
wave n. 4249
mV
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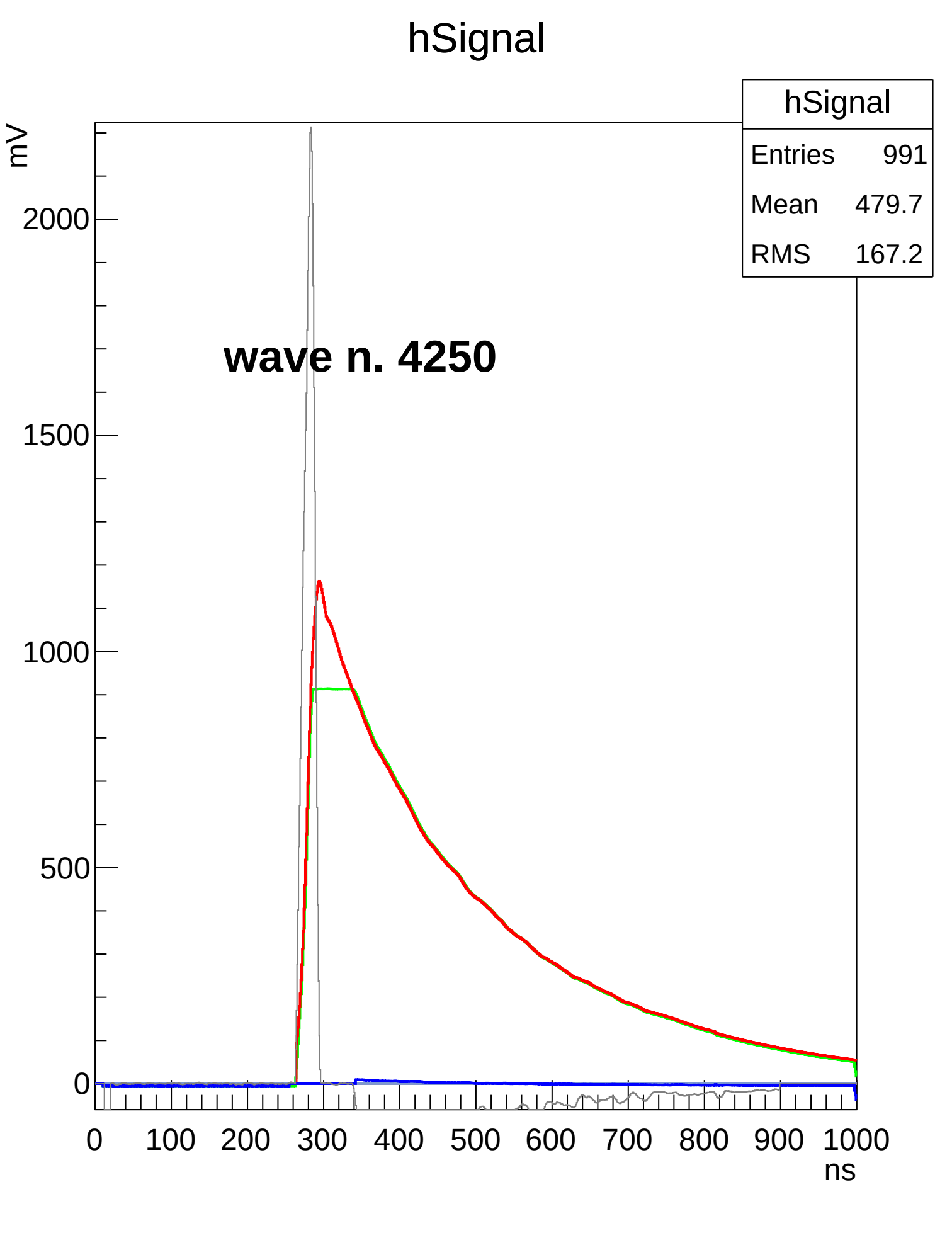
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 479.7
RMS 167.2
wave n. 4250
mV
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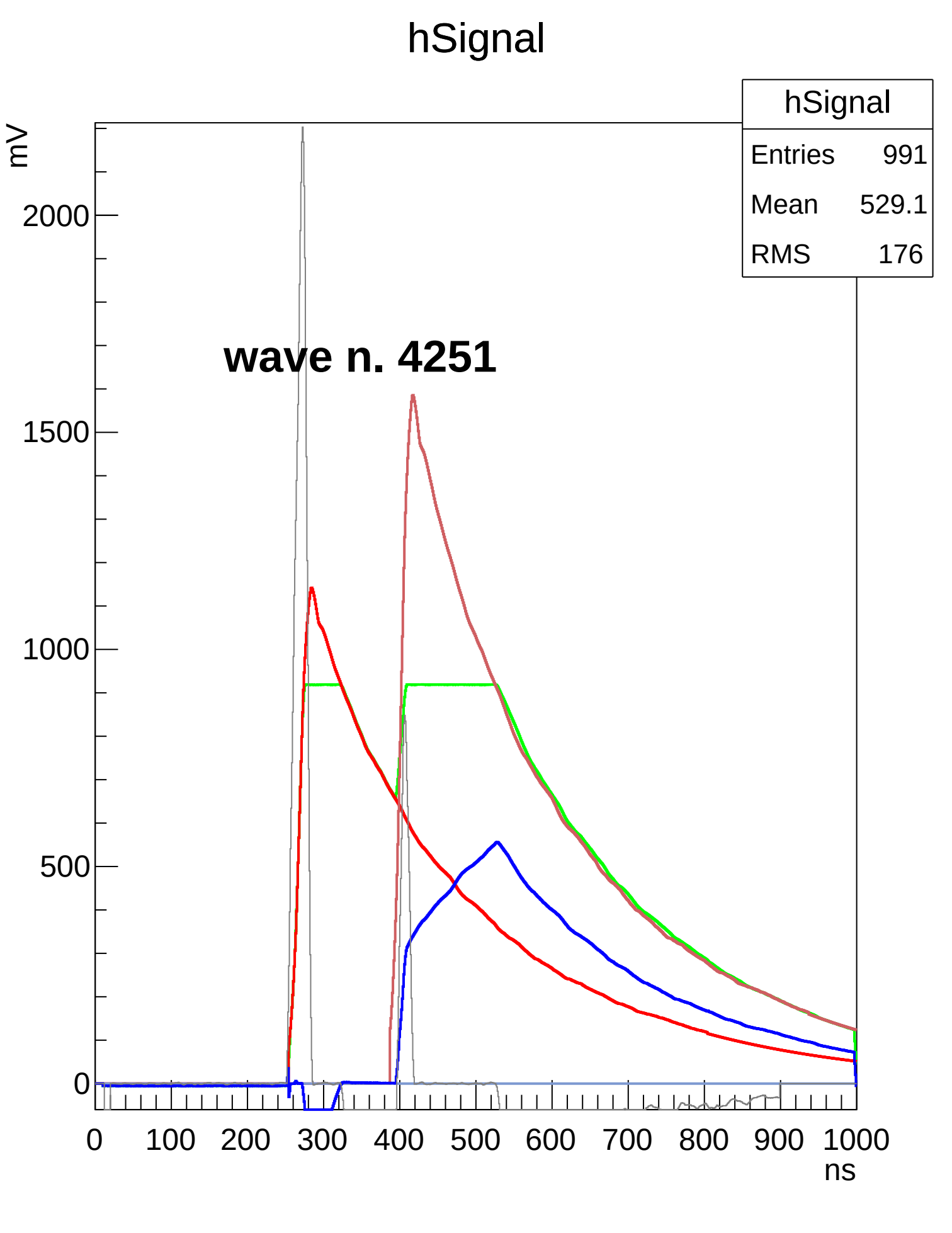
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 529.1
RMS 176
wave n. 4251
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1000
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0
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200
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400
500
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800
900
1000
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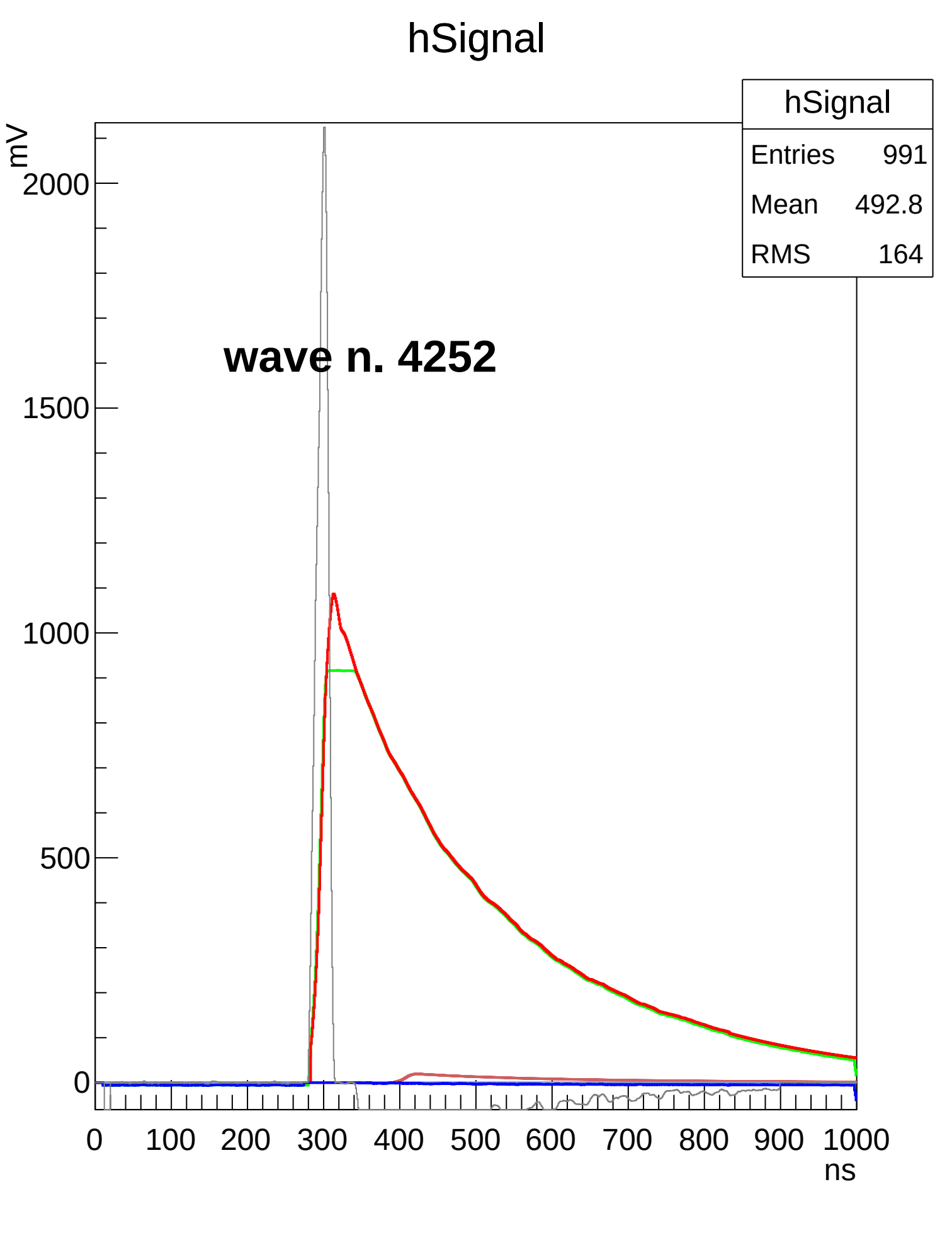
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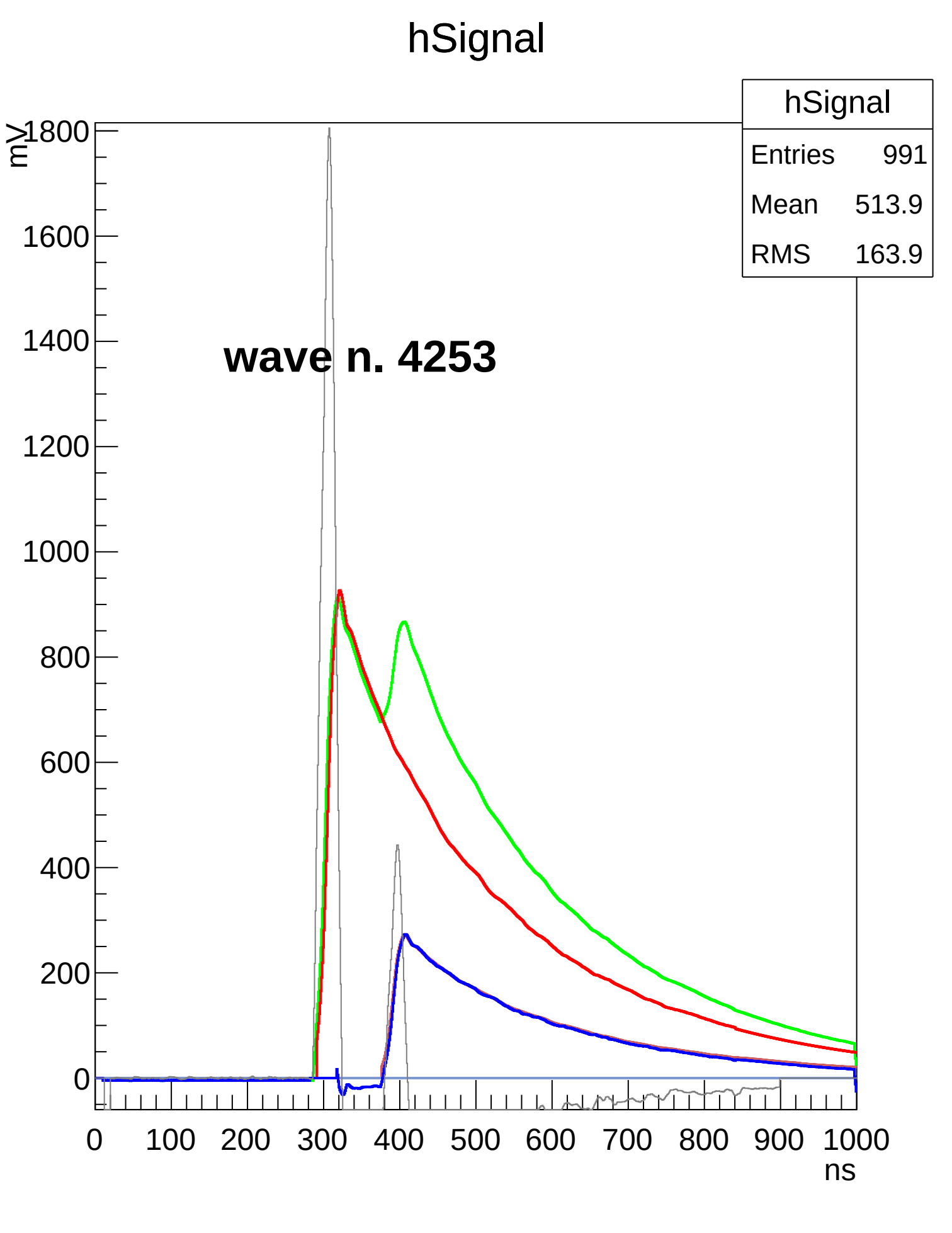
hSignal
Entries 991
Mean 492.8
RMS 164
wave n. 4252
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 513.9
RMS 163.9
wave n. 4253
mV
1800
1600
1400
1200
1000
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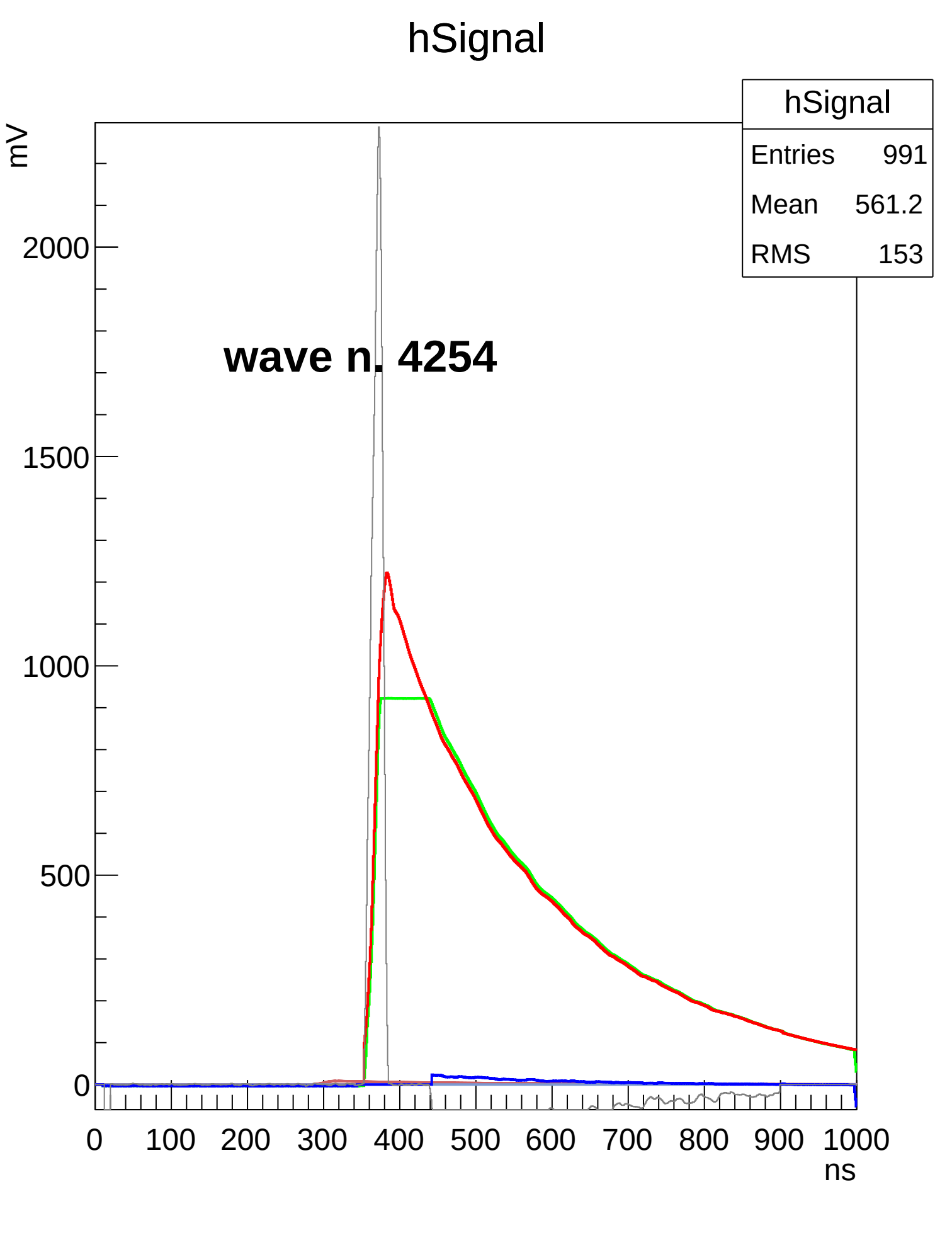
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 561.2
RMS 153
wave n. 4254
mV
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1000
500
0
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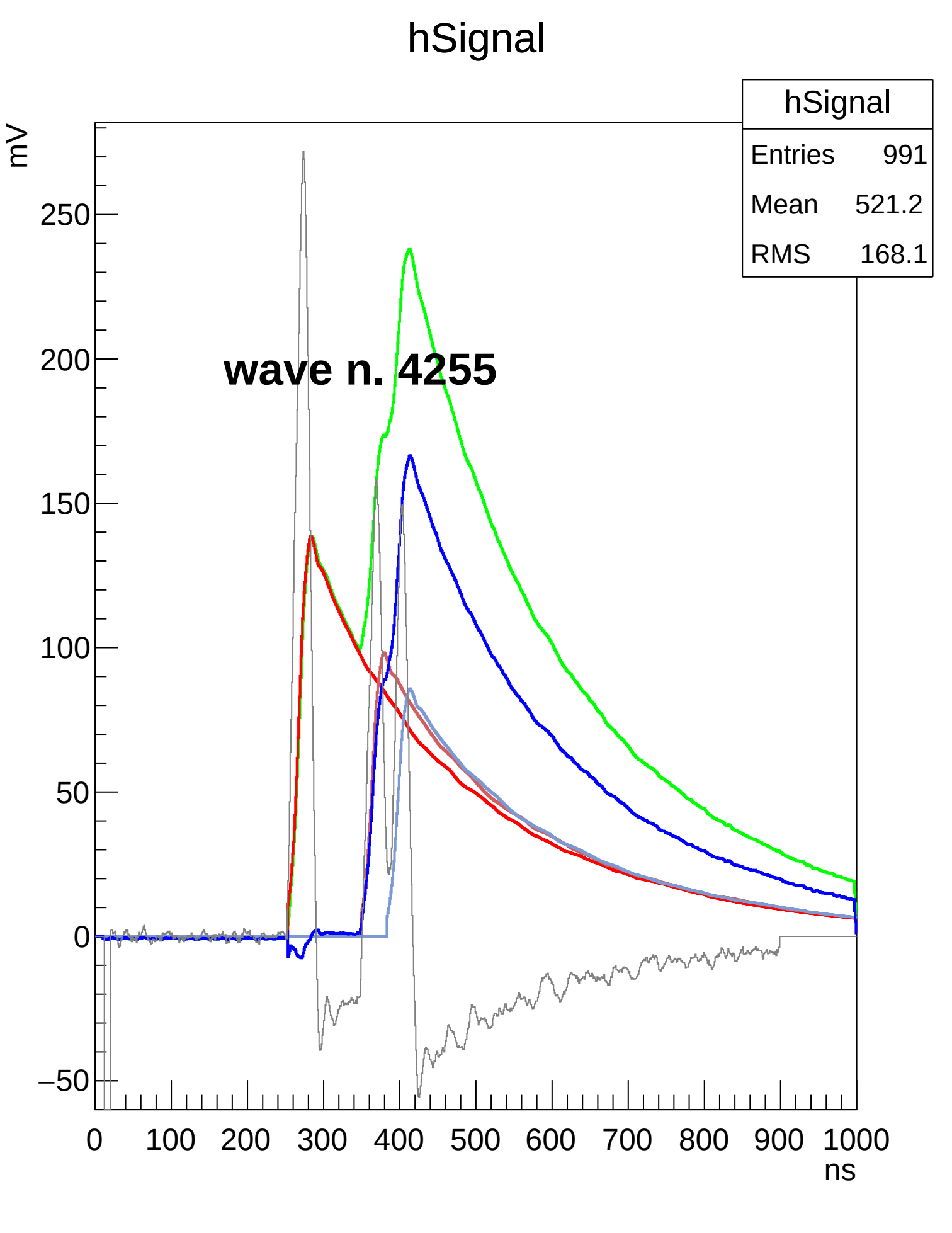
ns


hSignal
hSignal
Entries 991
Mean 521.2
RMS 168.1
wave n. 4255
mV
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100
50
0
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0
100
200
300
400
500
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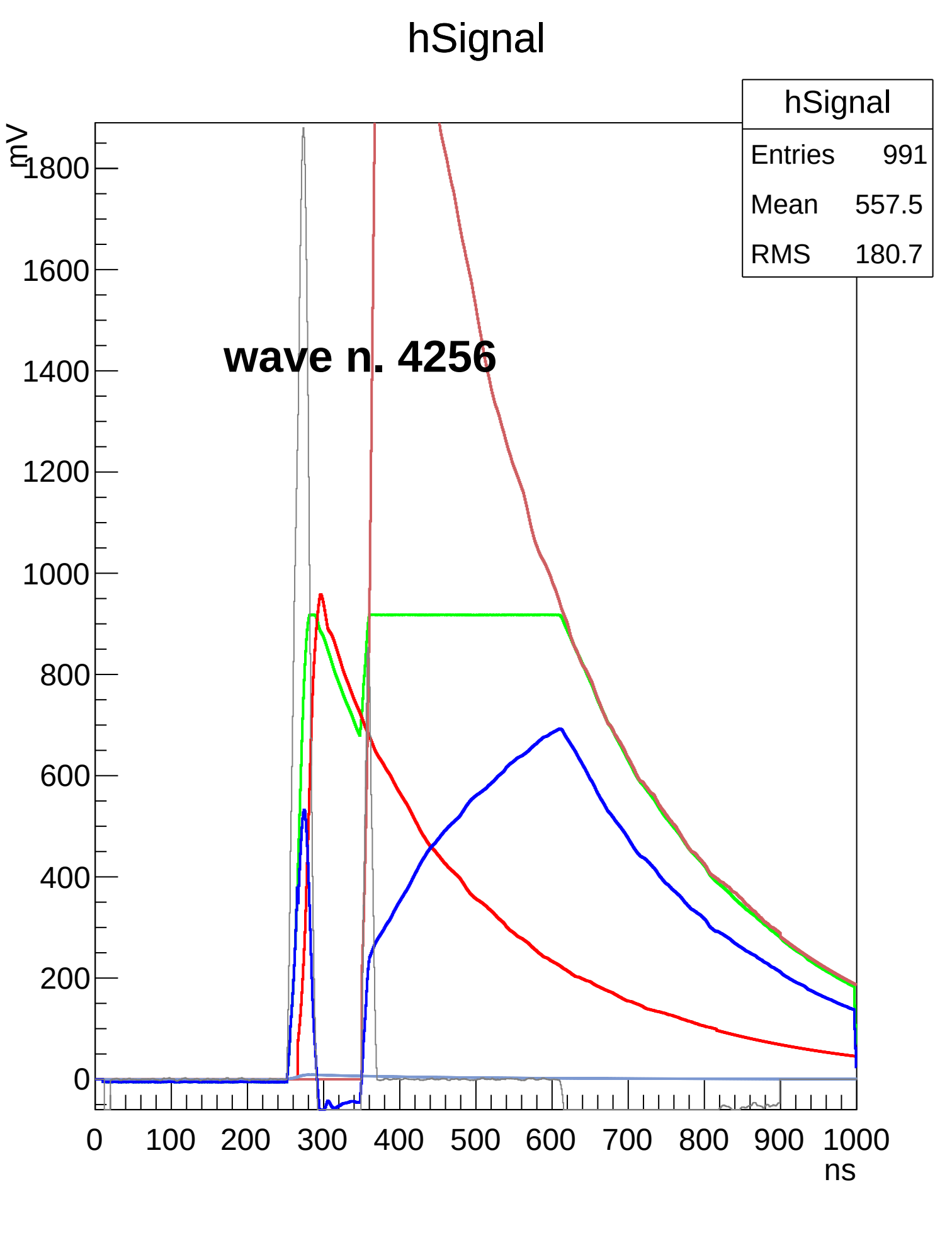
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 557.5
RMS 180.7
wave n. 4256
mV
1800
1600
1400
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600
400
200
0
0
100
200
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400
500
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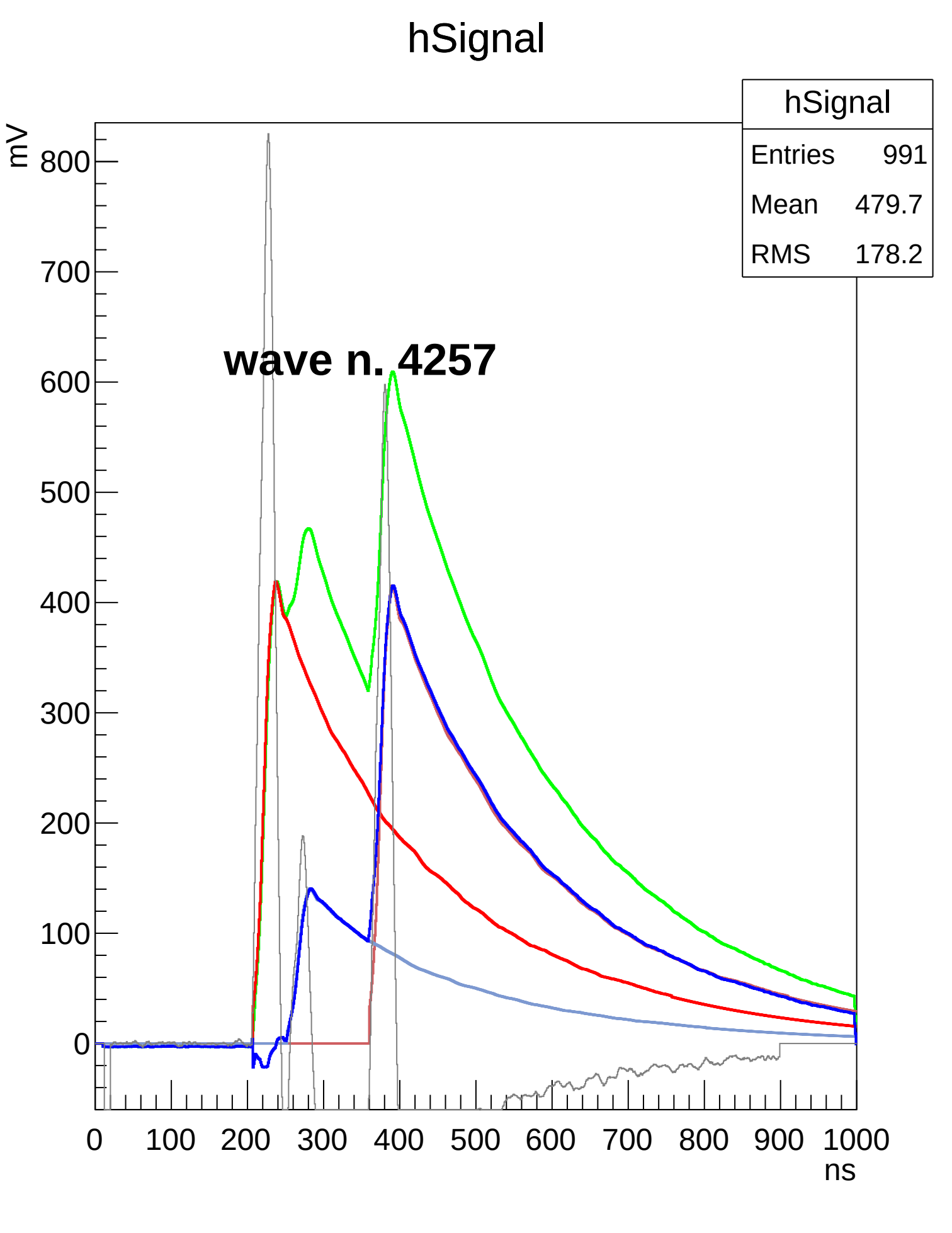
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 479.7
RMS 178.2
wave n. 4257
mV
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700
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300
200
100
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0
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200
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400
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600
700
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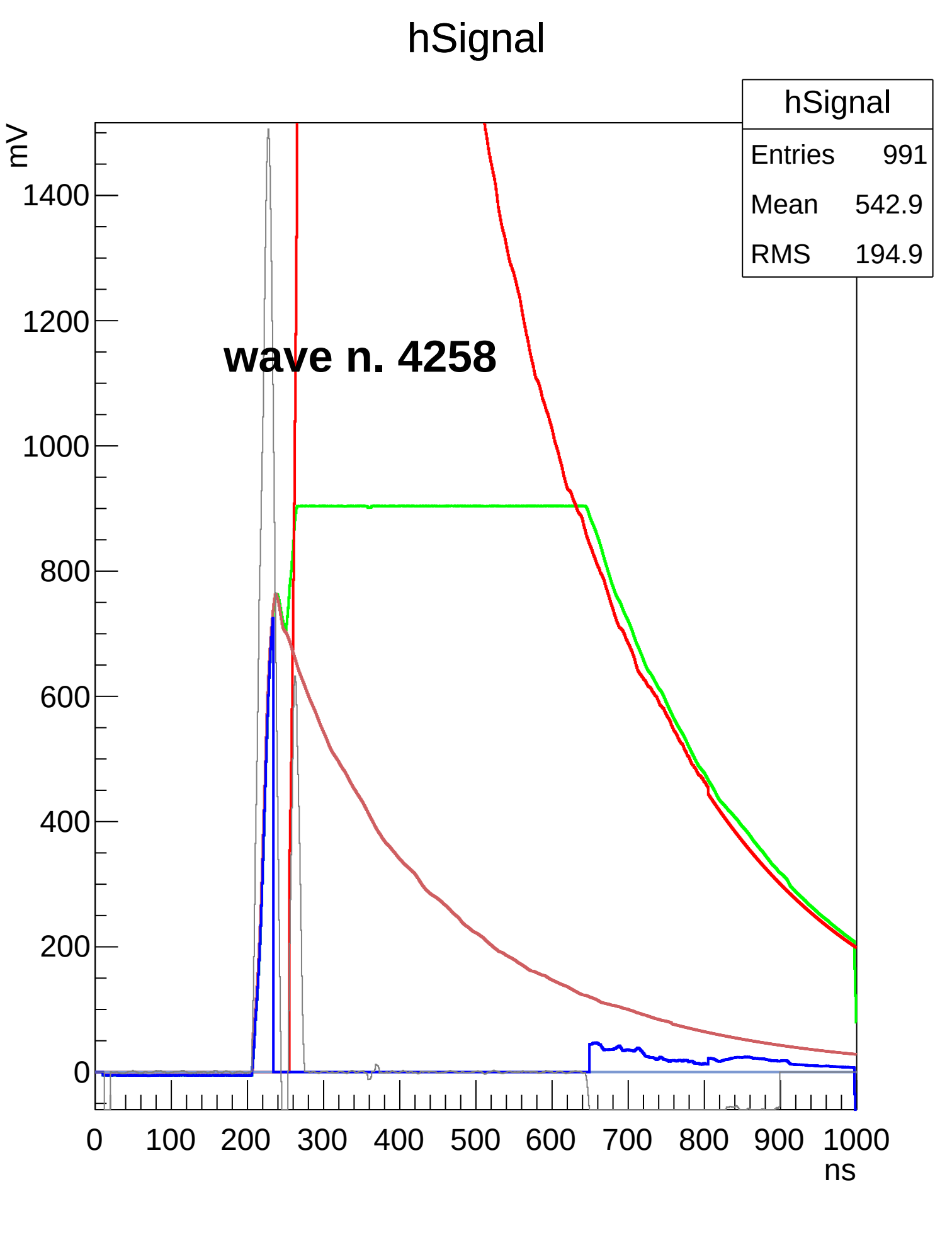
1000
ns


hSignal
hSignal
Entries 991
Mean 542.9
RMS 194.9
wave n. 4258
mV
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1200
1000
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600
400
200
0
0
100
200
300
400
500
600
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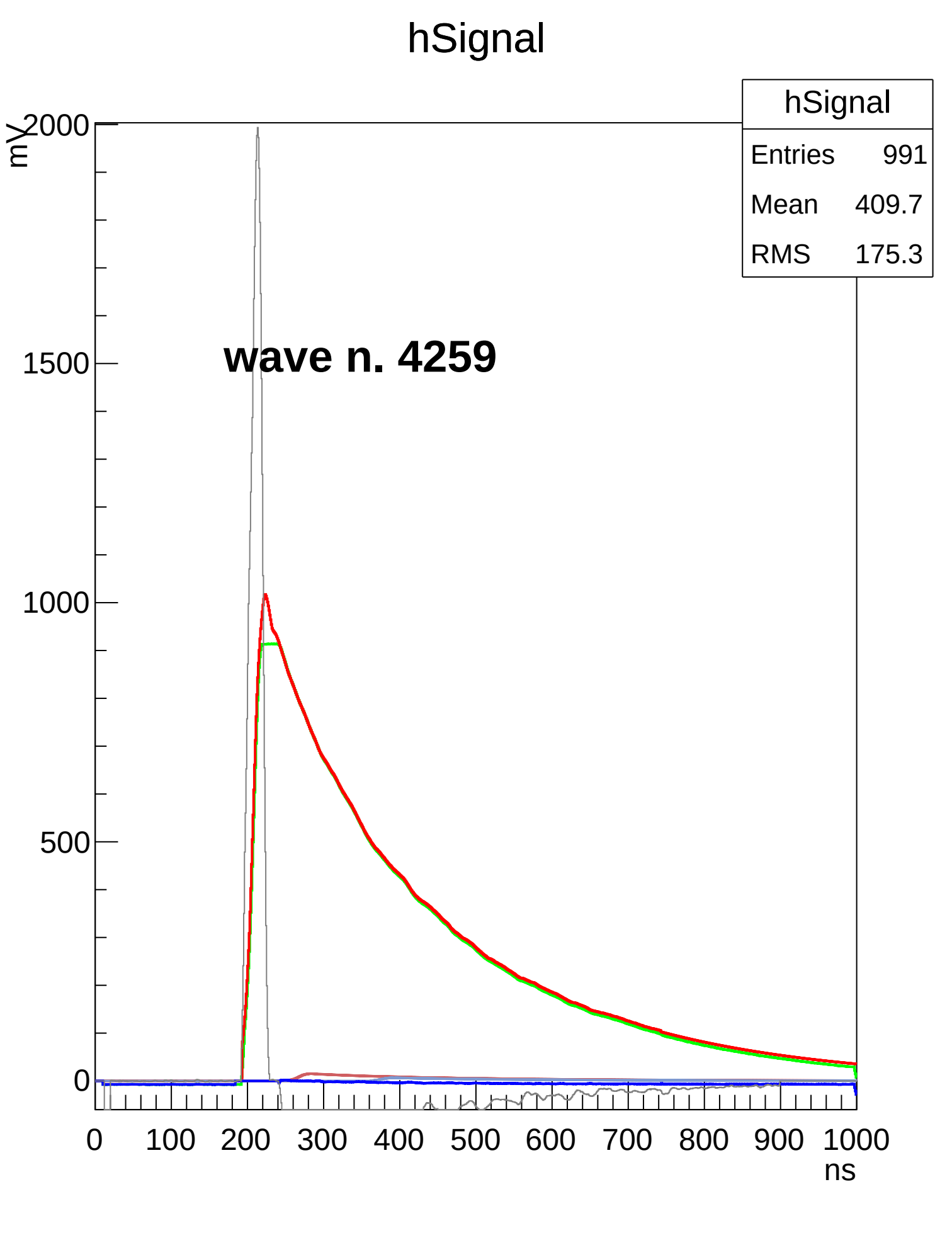
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 409.7
RMS 175.3
wave n. 4259
mV
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1500
1000
500
0
0
100
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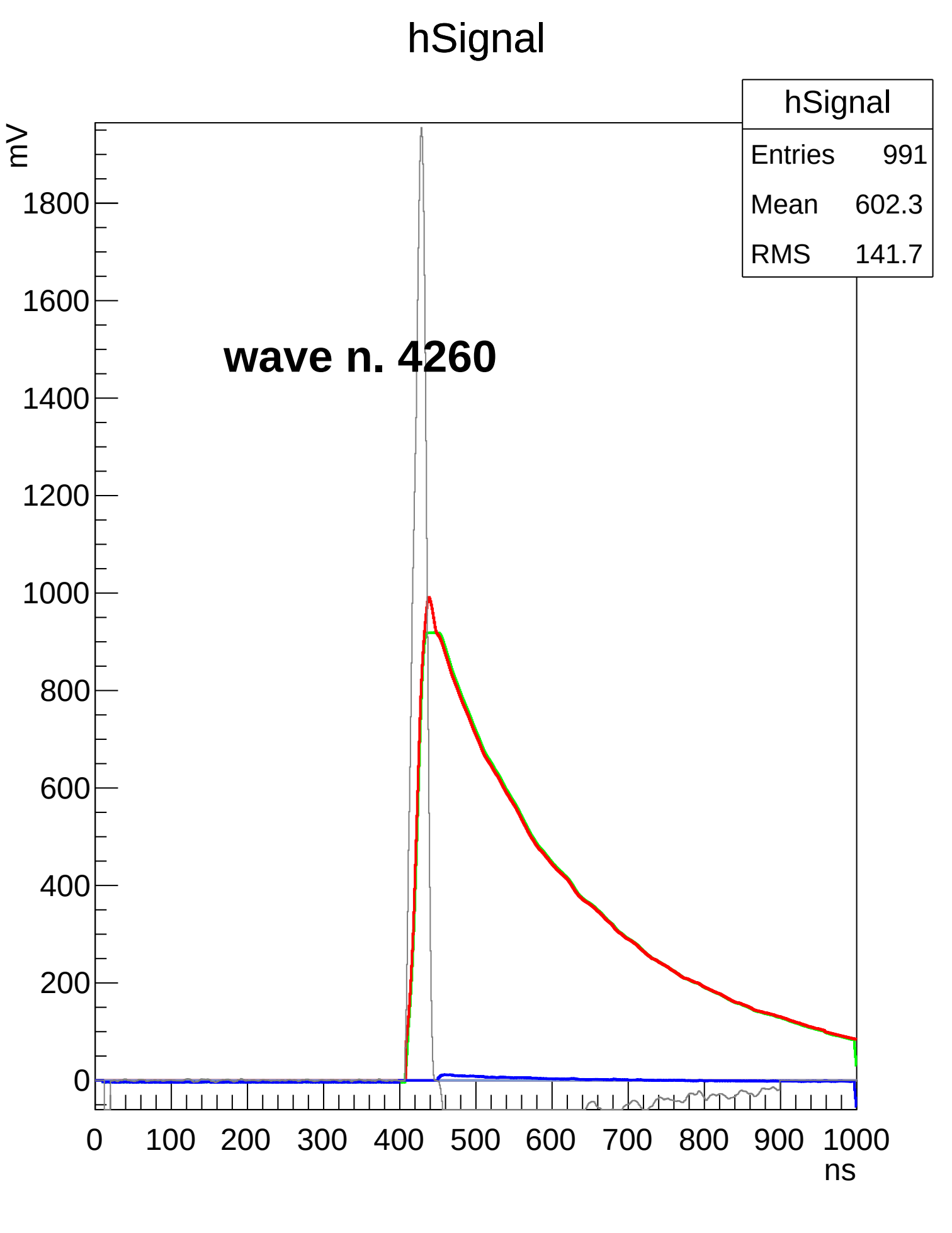
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 602.3
RMS 141.7
wave n. 4260
mV
1800
1600
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1200
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400
200
0
0
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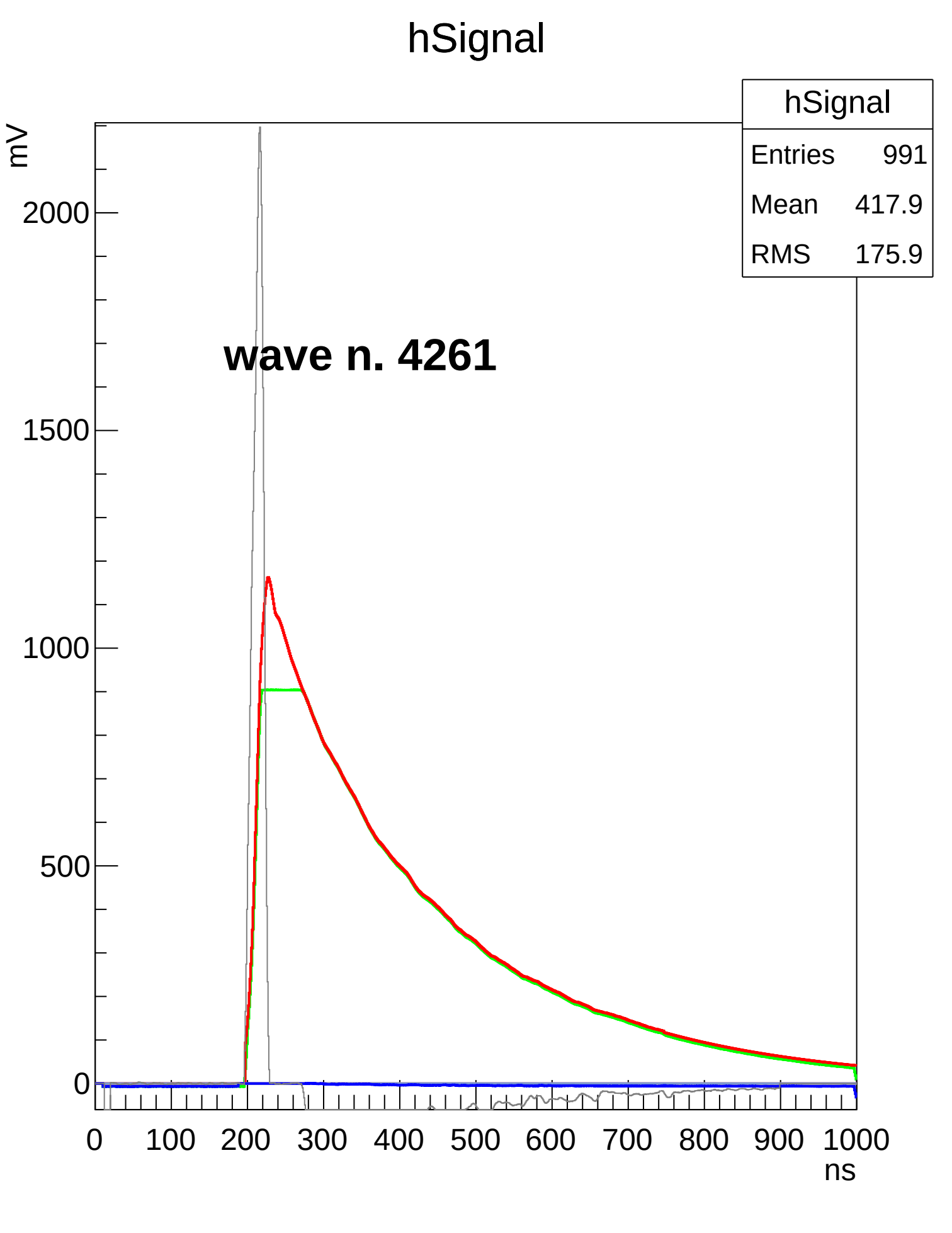
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 417.9
RMS 175.9
wave n. 4261
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1500
1000
500
0
0
100
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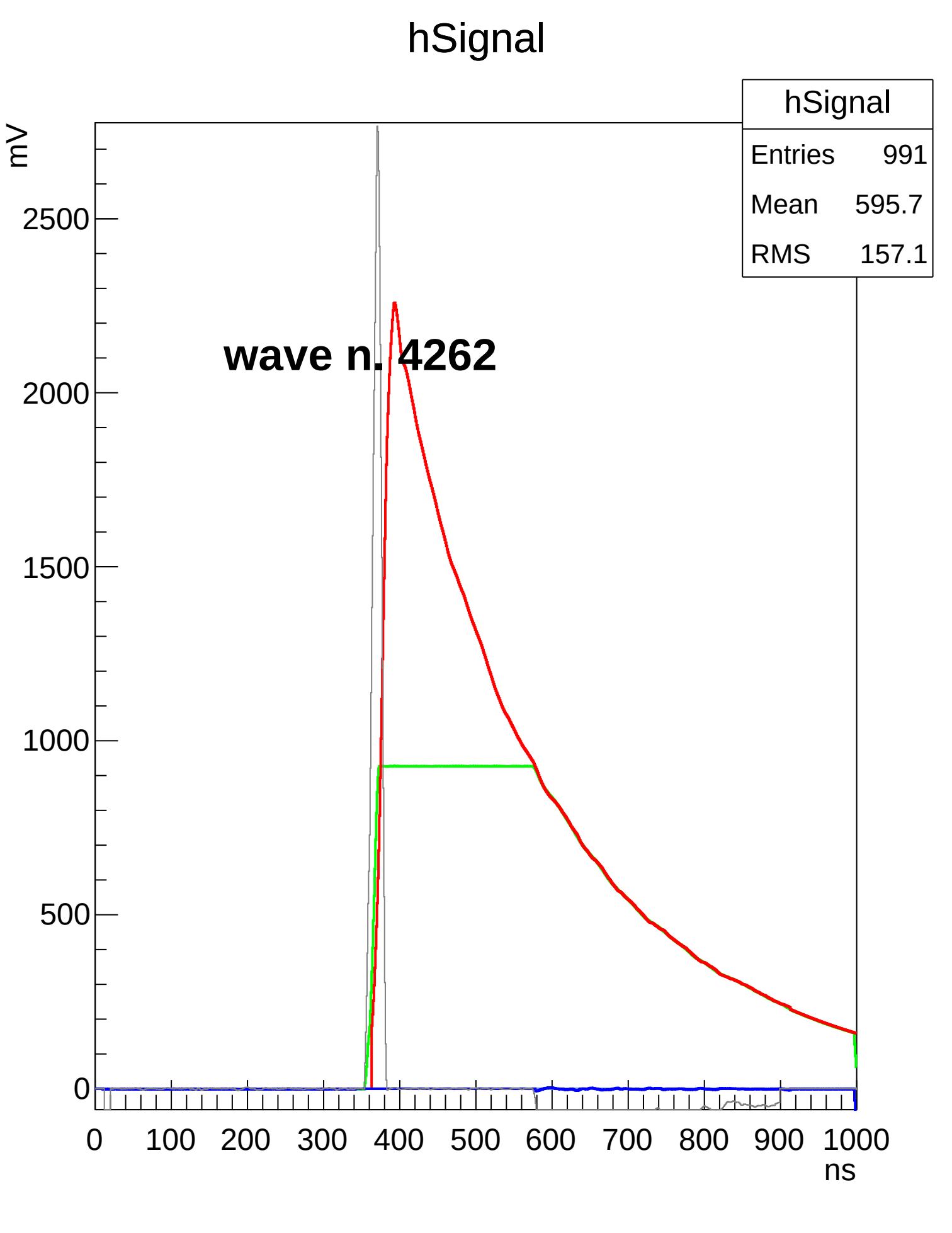
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 595.7
RMS 157.1
wave n. 4262
mV
2500
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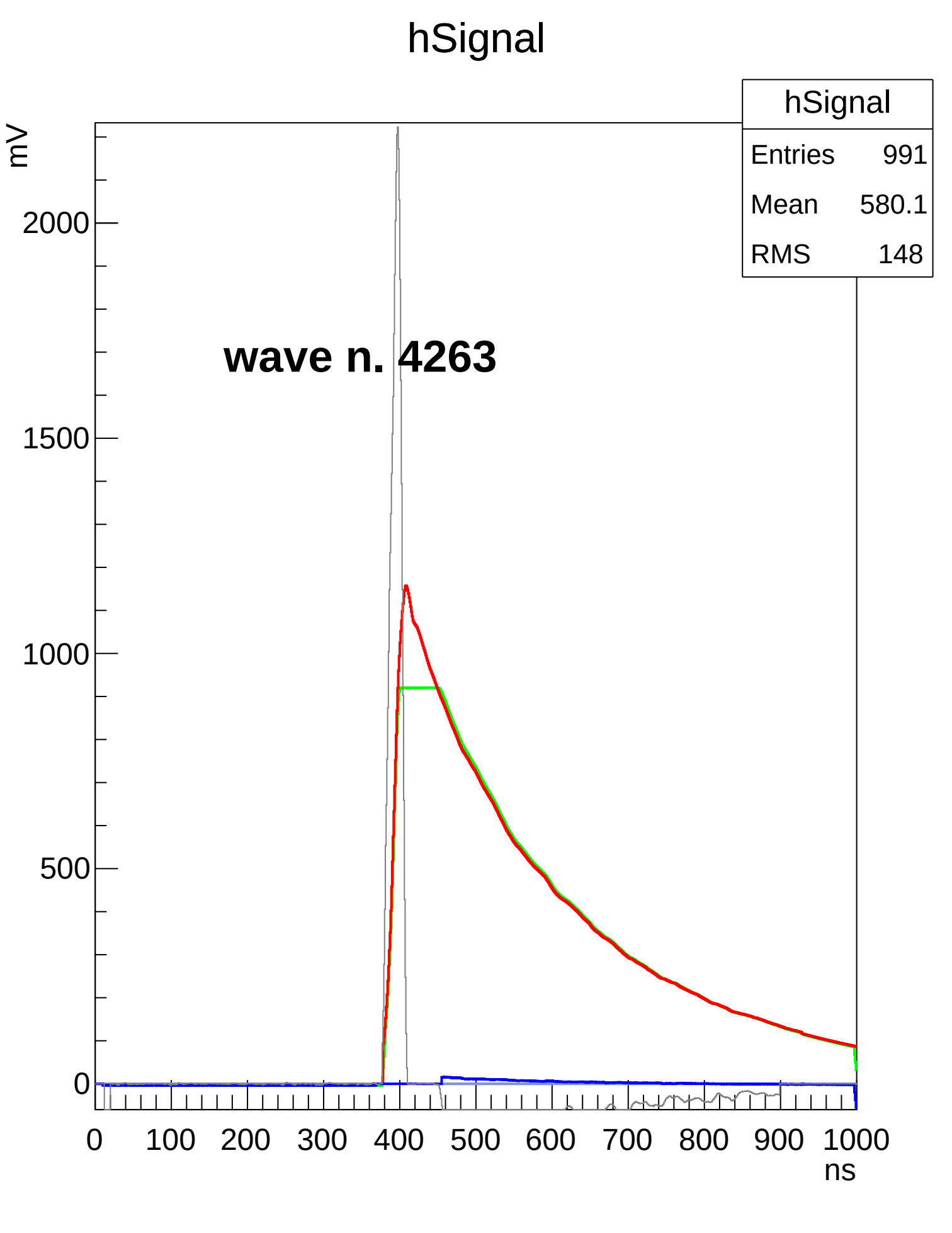
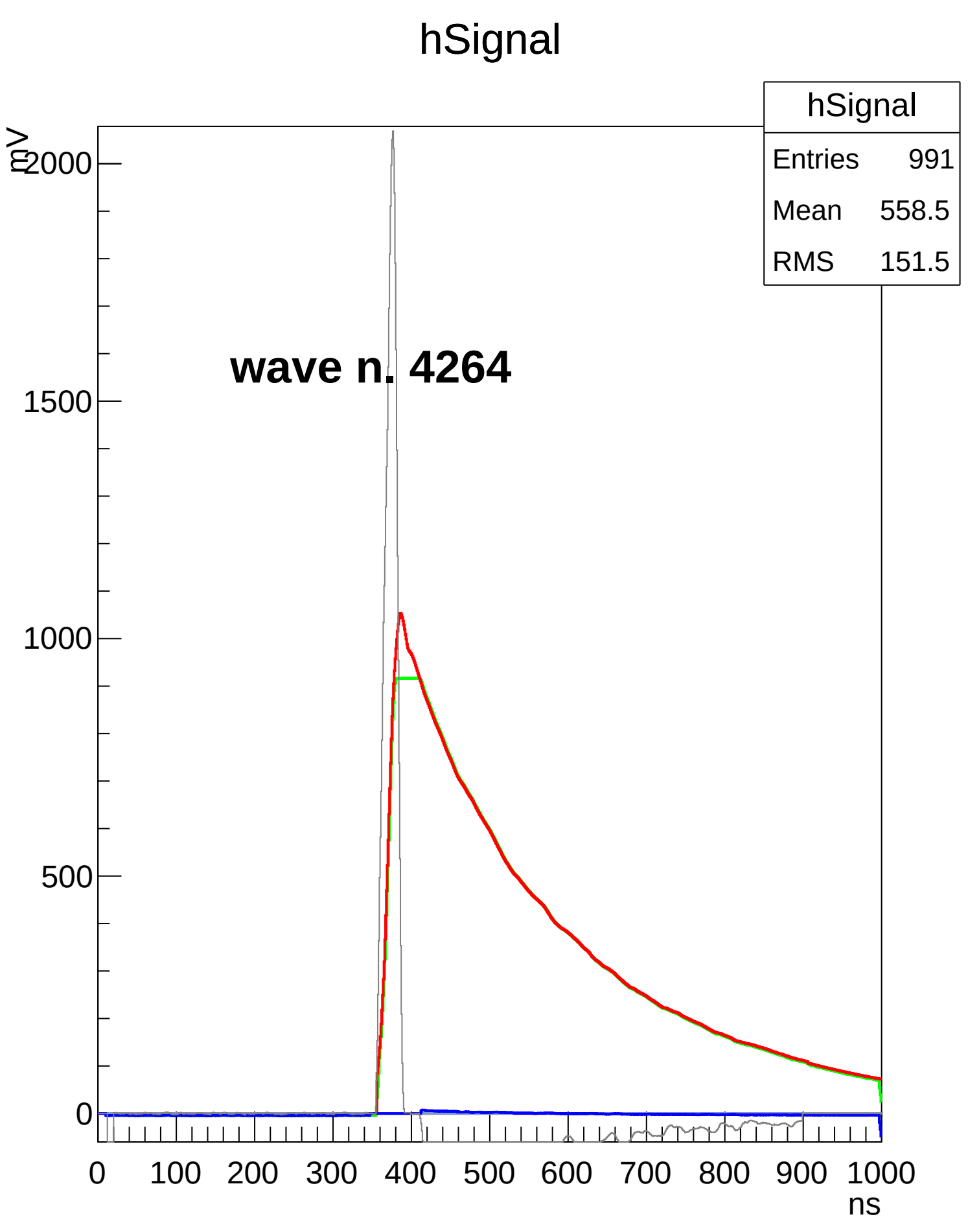
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580.1
RMS 148
wave n. 4263
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558.5
RMS 151.5
wave n. 4264
mV
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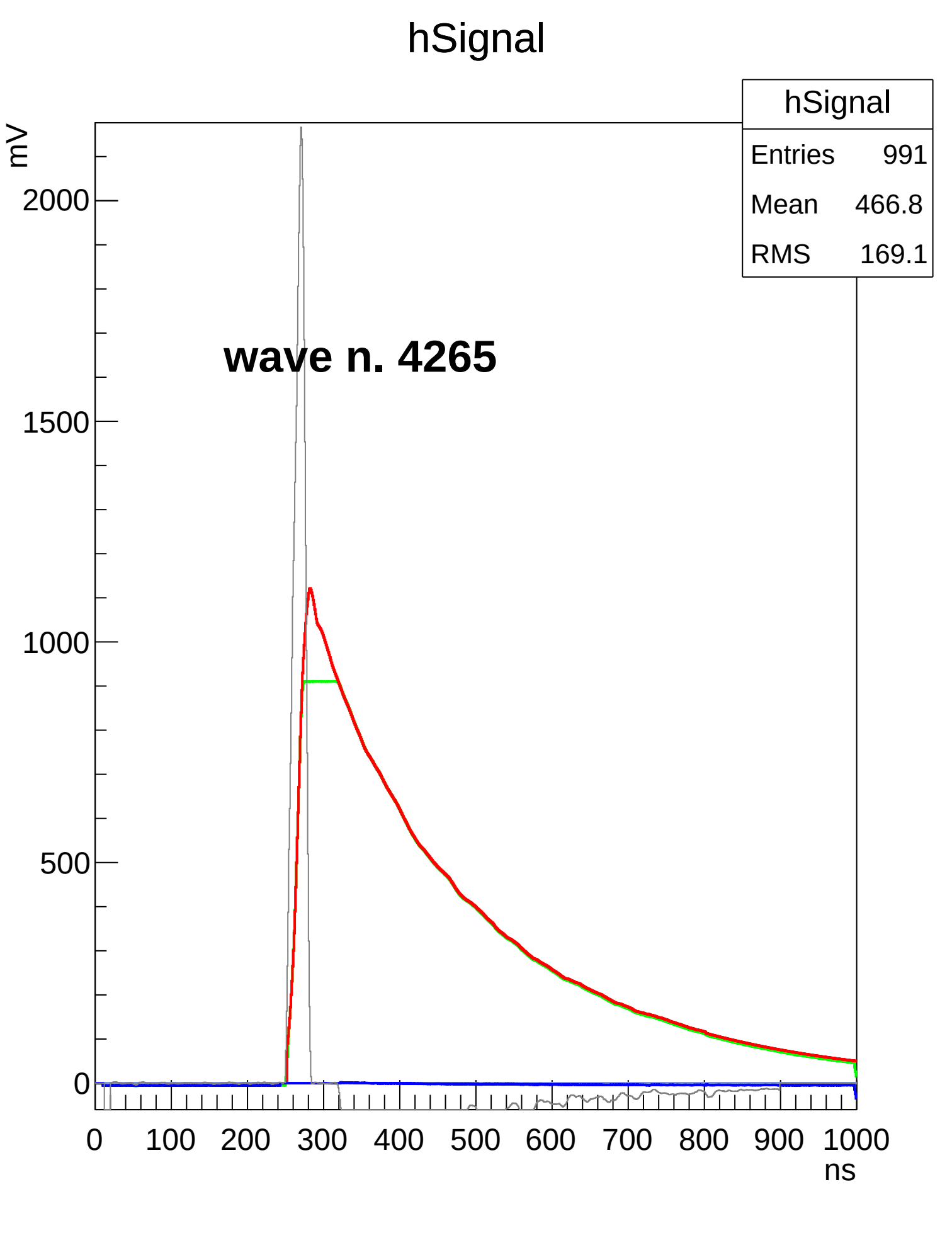
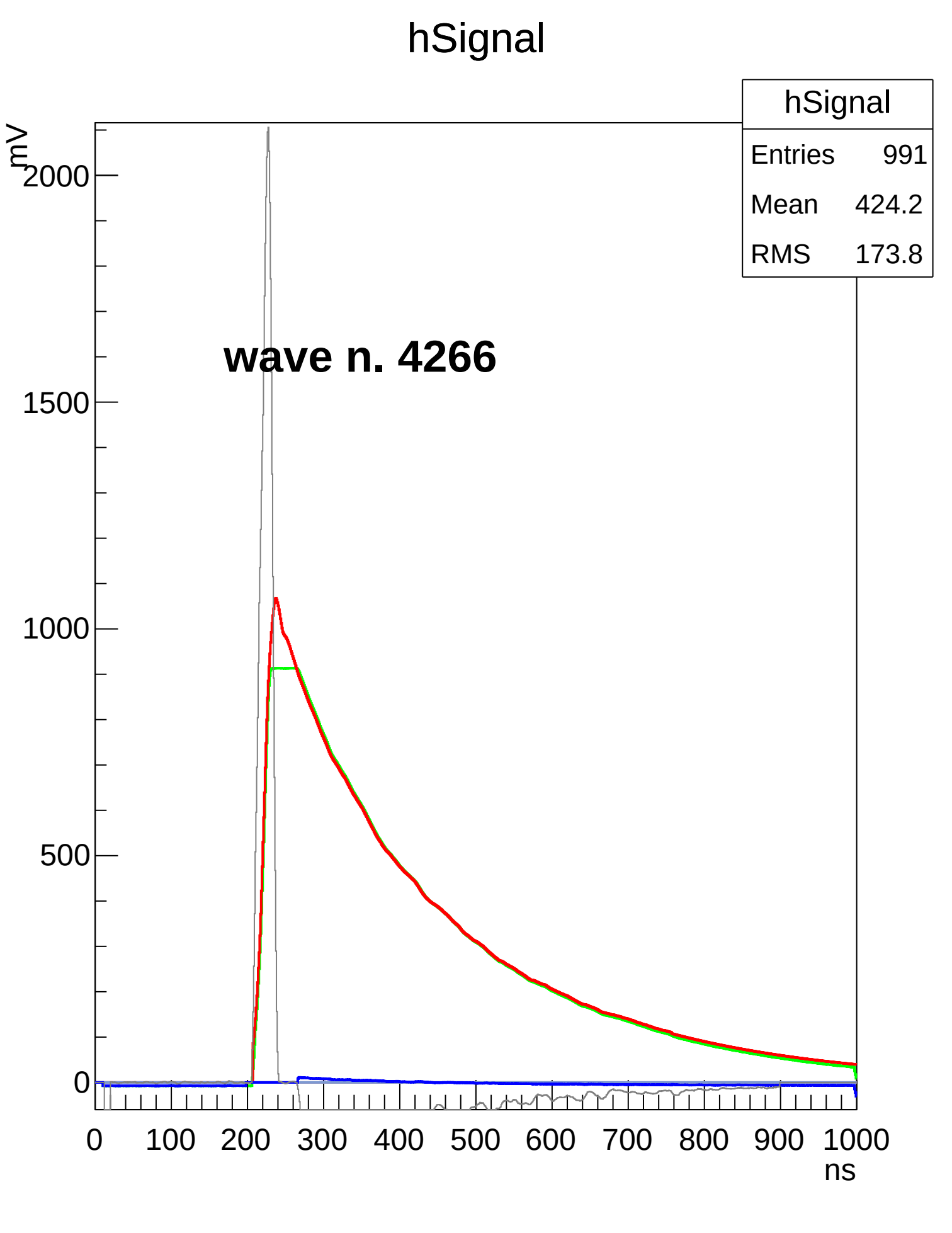
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 466.8
RMS 169.1
wave n. 4265
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 424.2
RMS 173.8
wave n. 4266
mV
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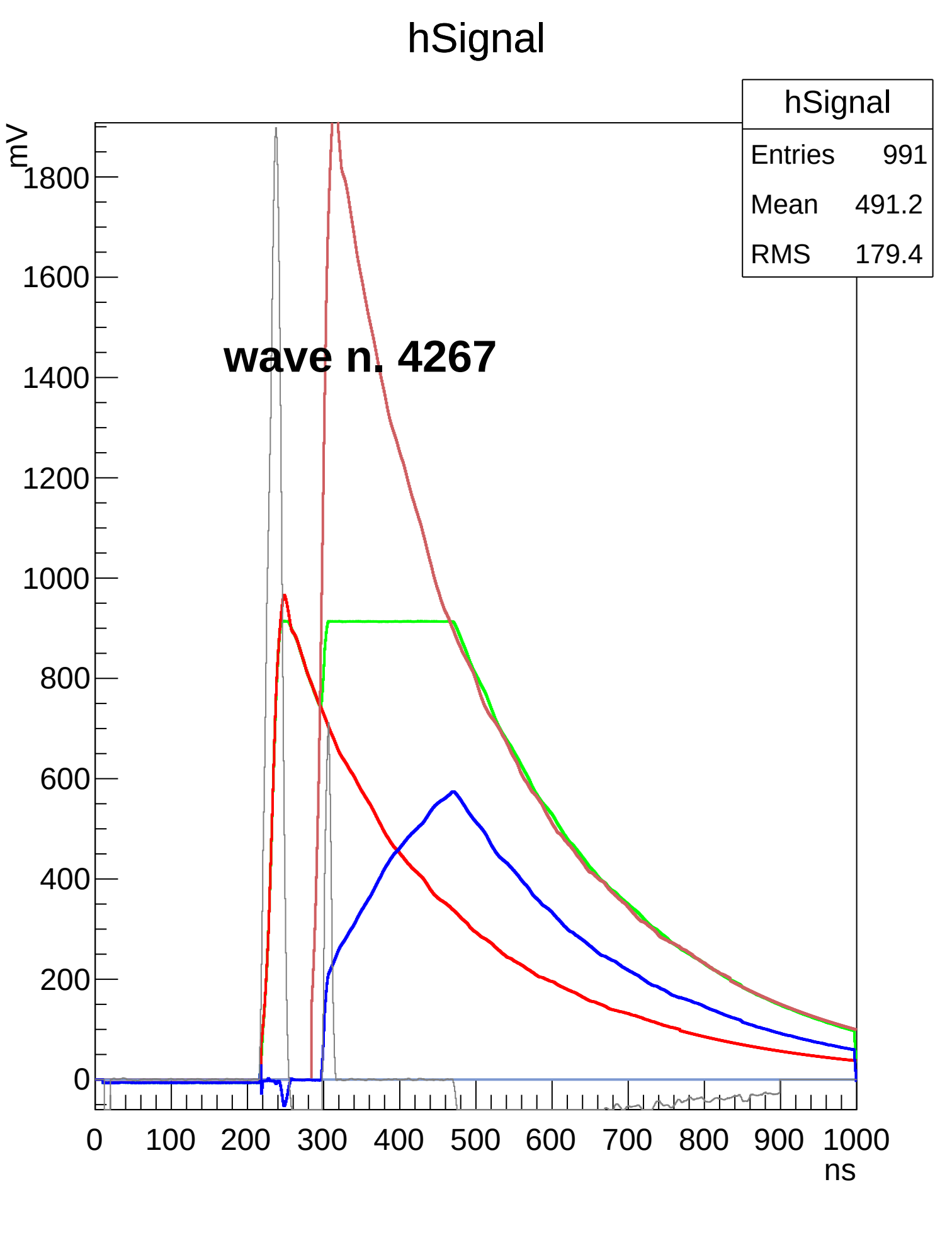
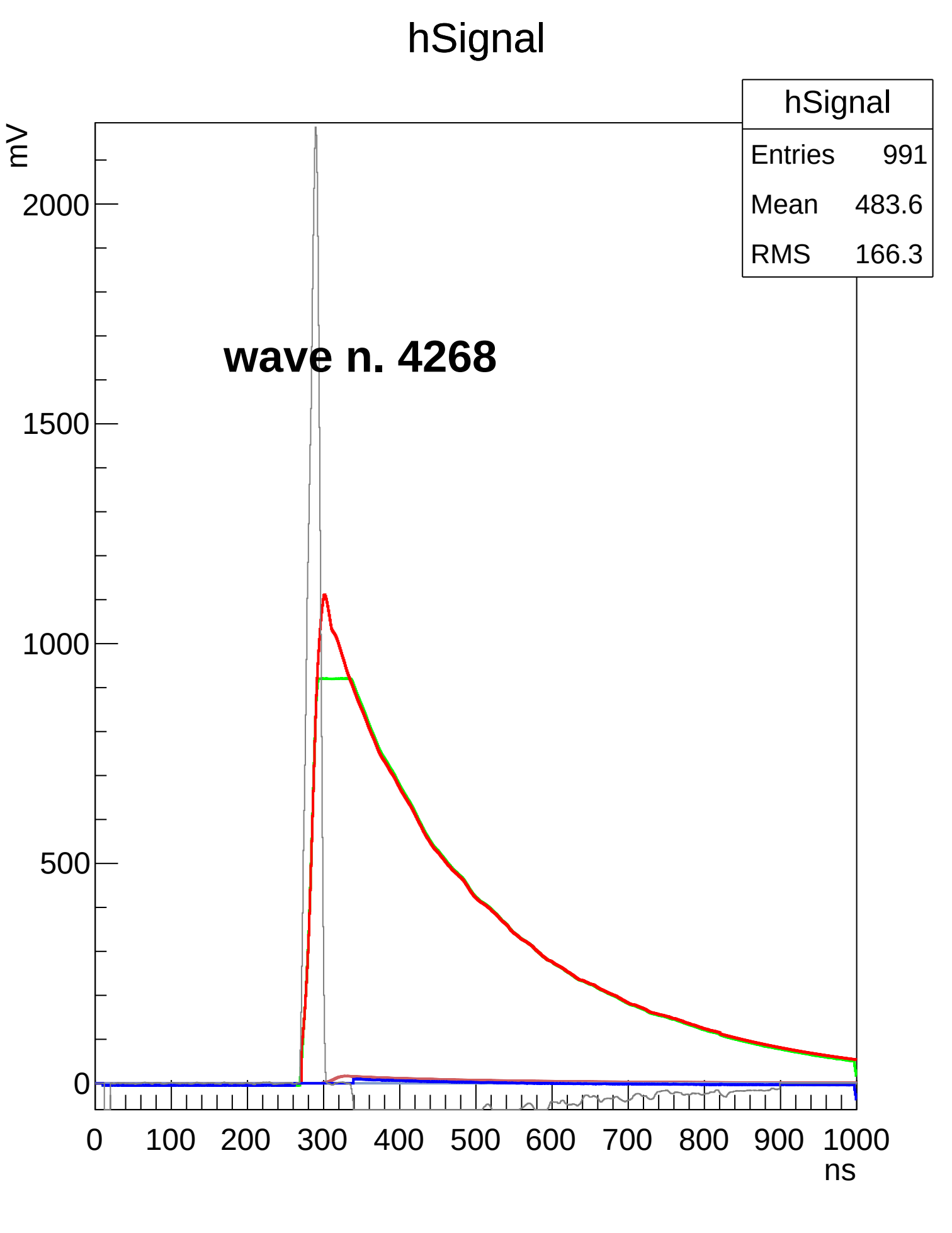
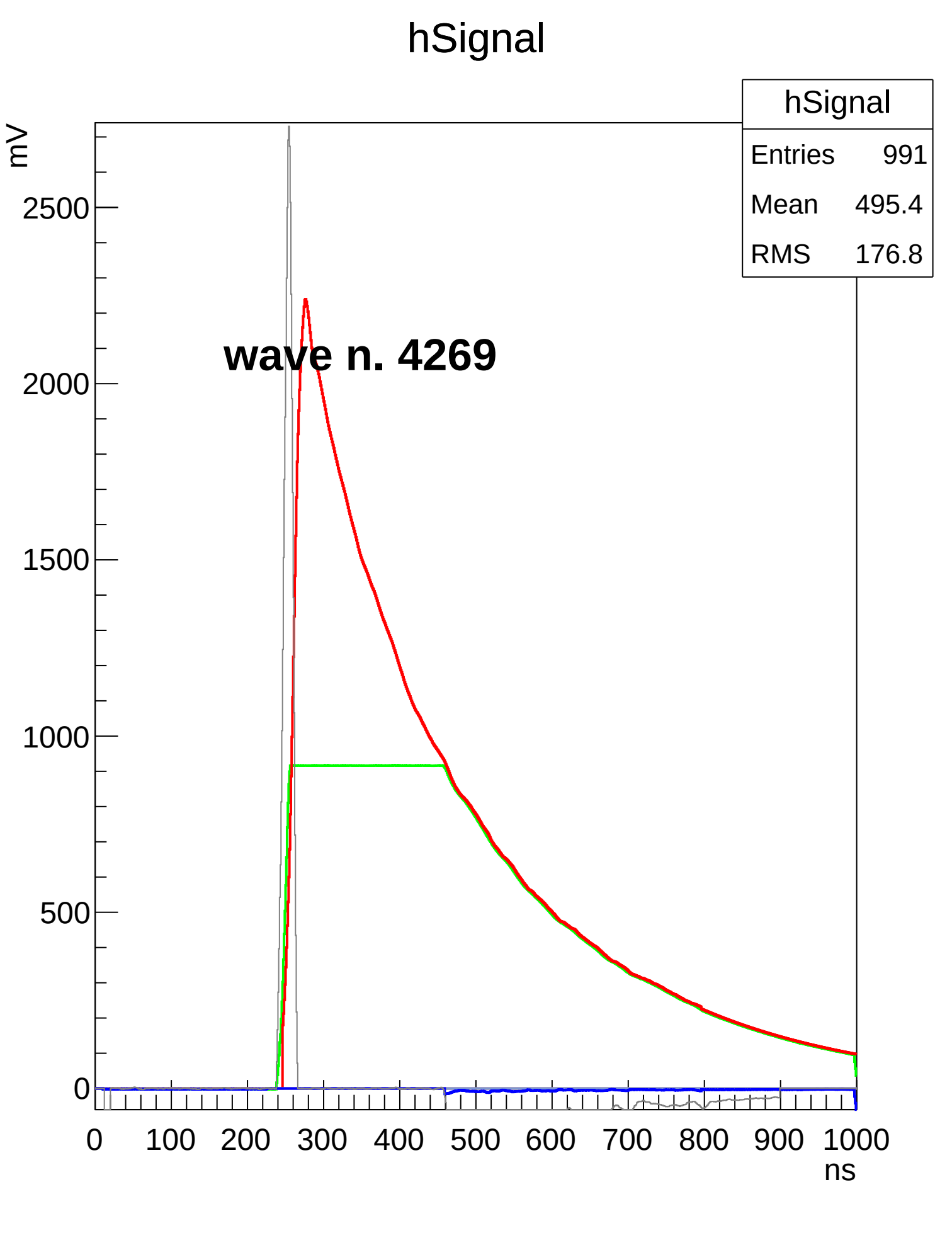
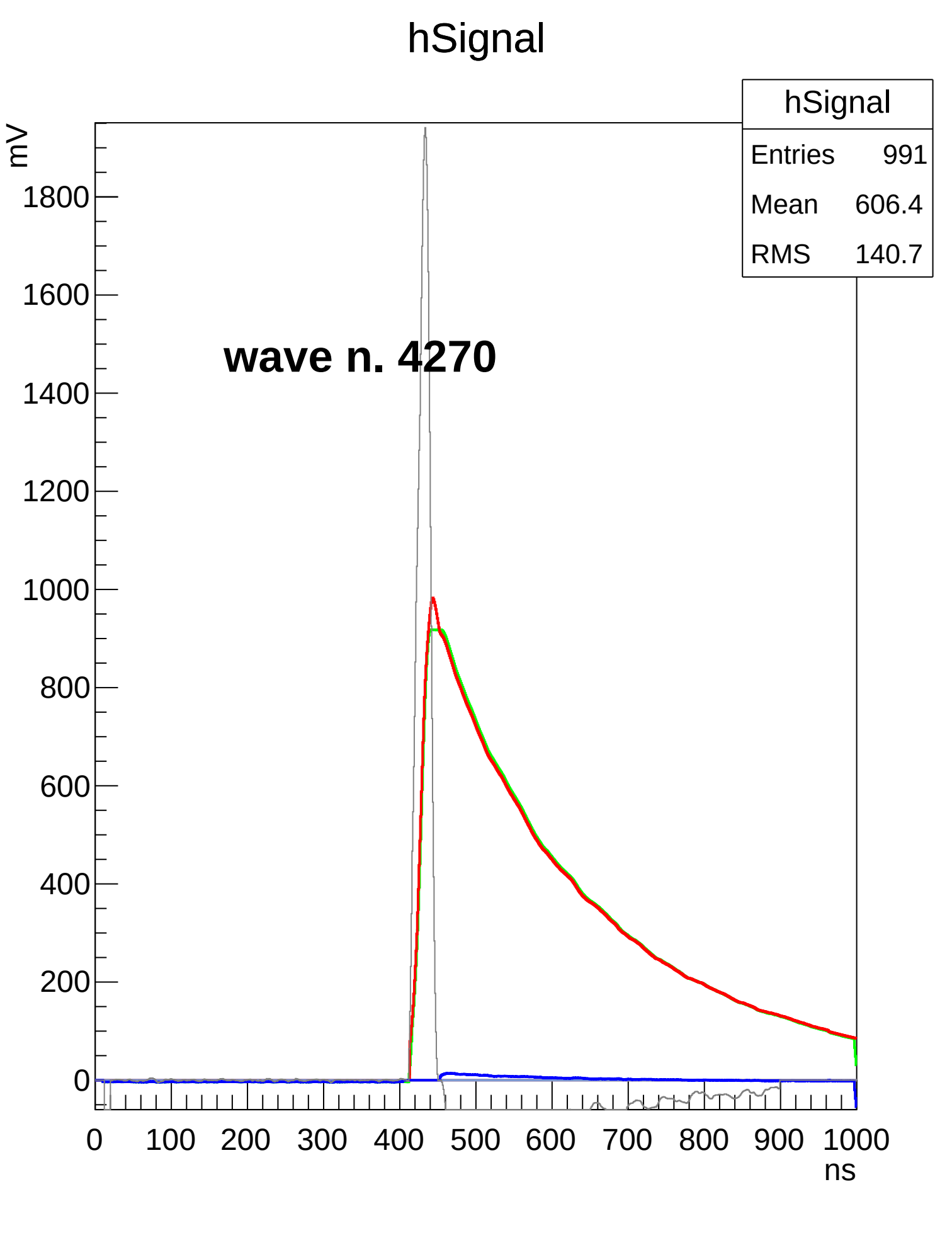
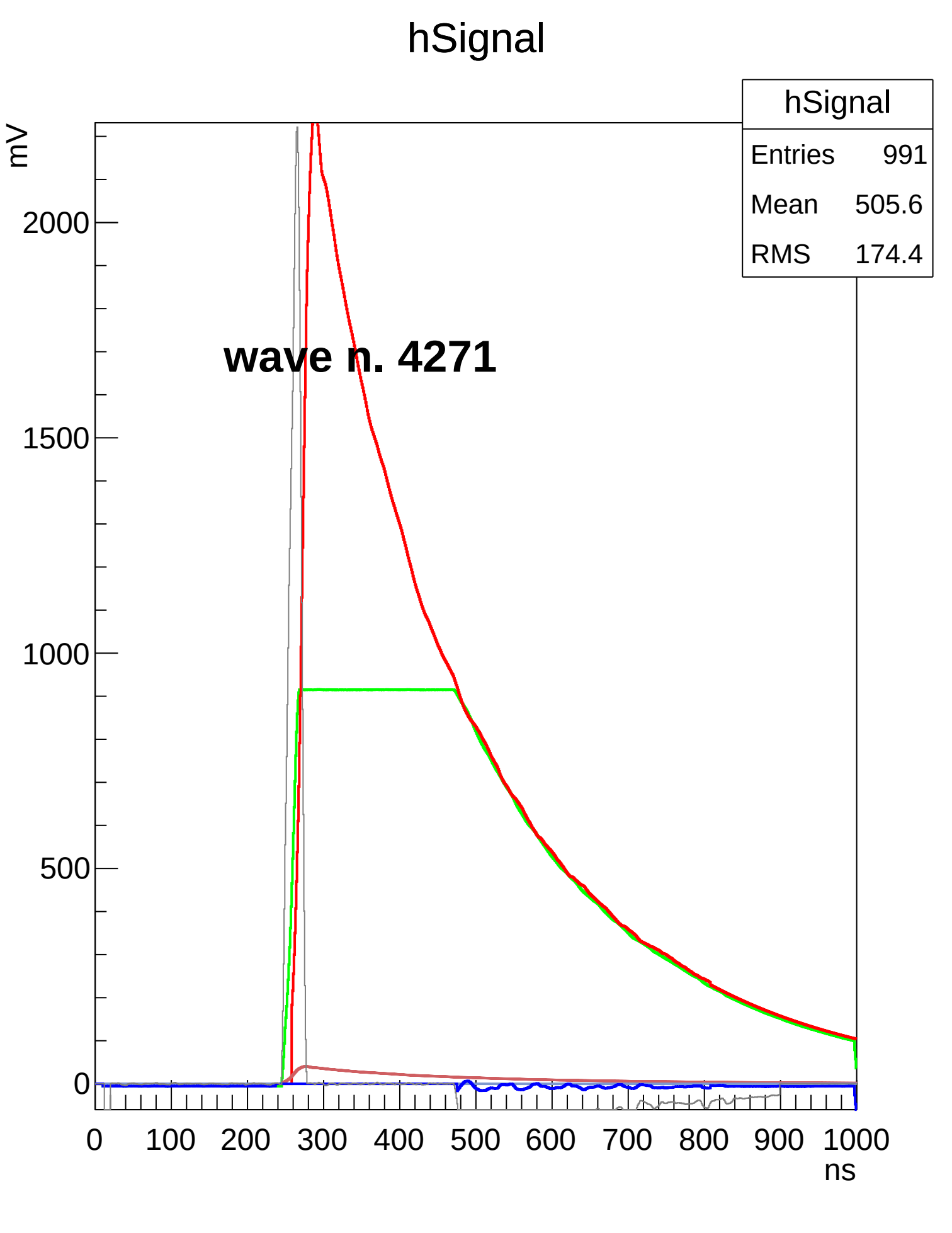
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

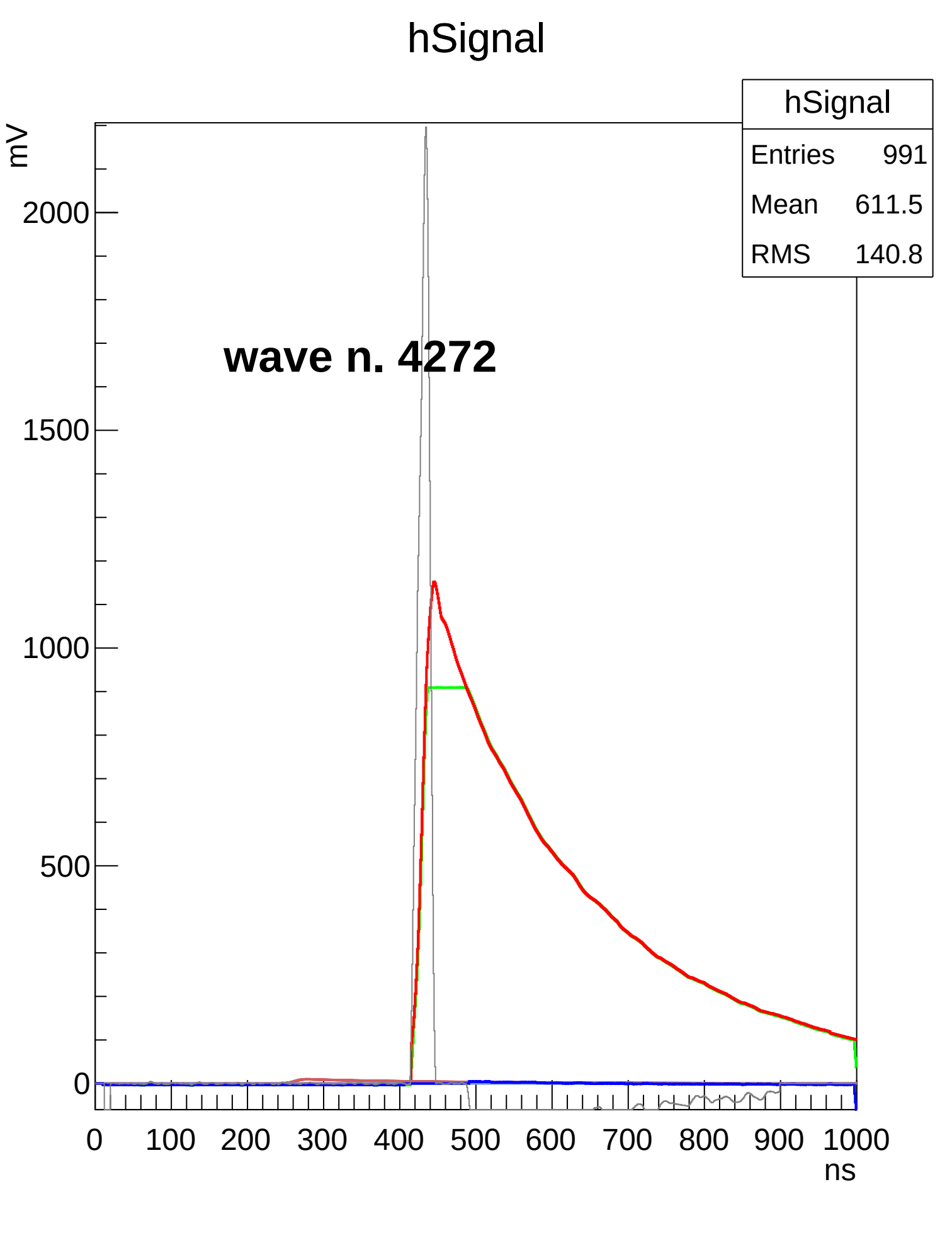

hSignal
hSignal
Entries 991
Mean 491.2
RMS 179.4
wave n. 4267
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

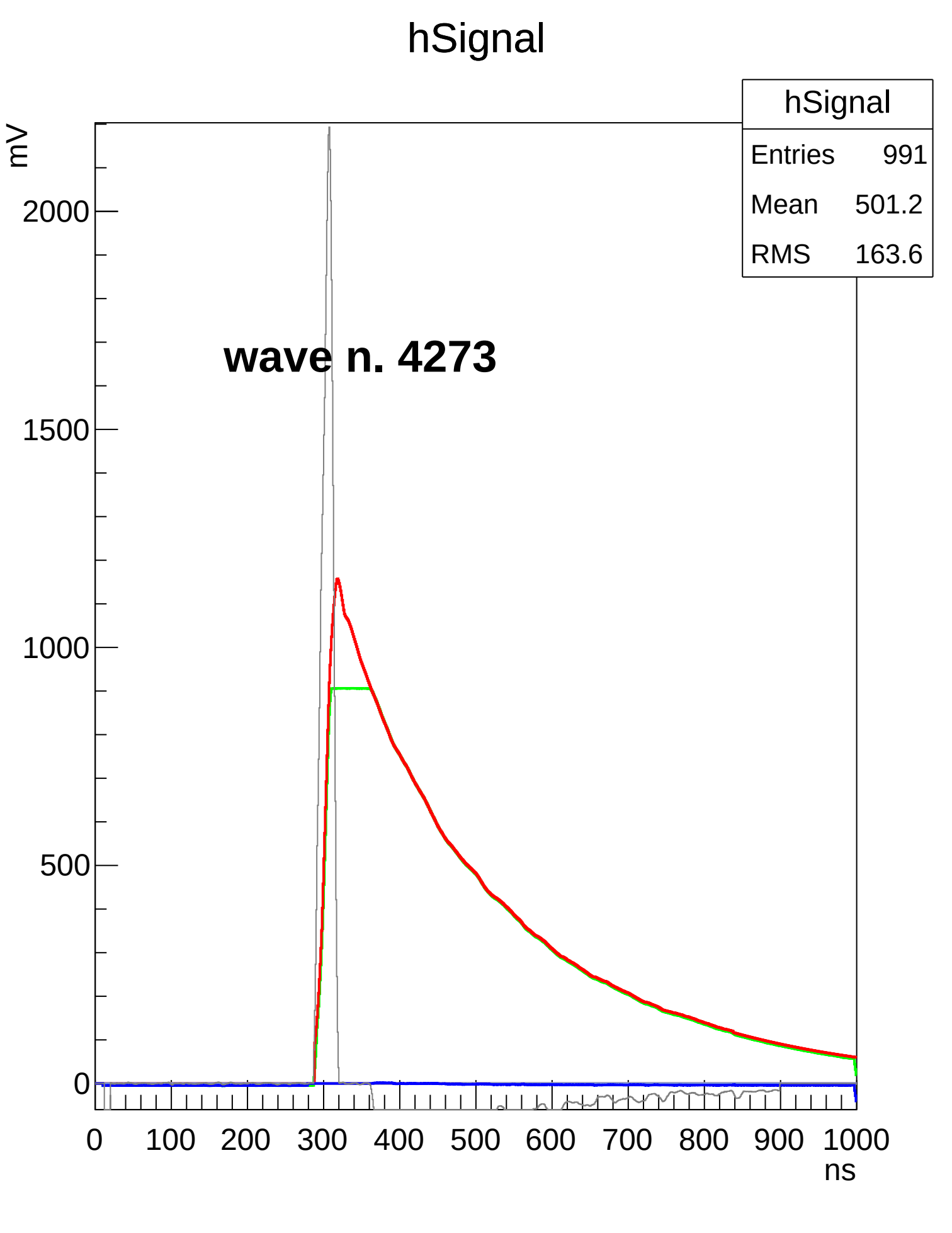

hSignal
hSignal
Entries 991
Mean 483.6
RMS 166.3
wave n. 4268
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

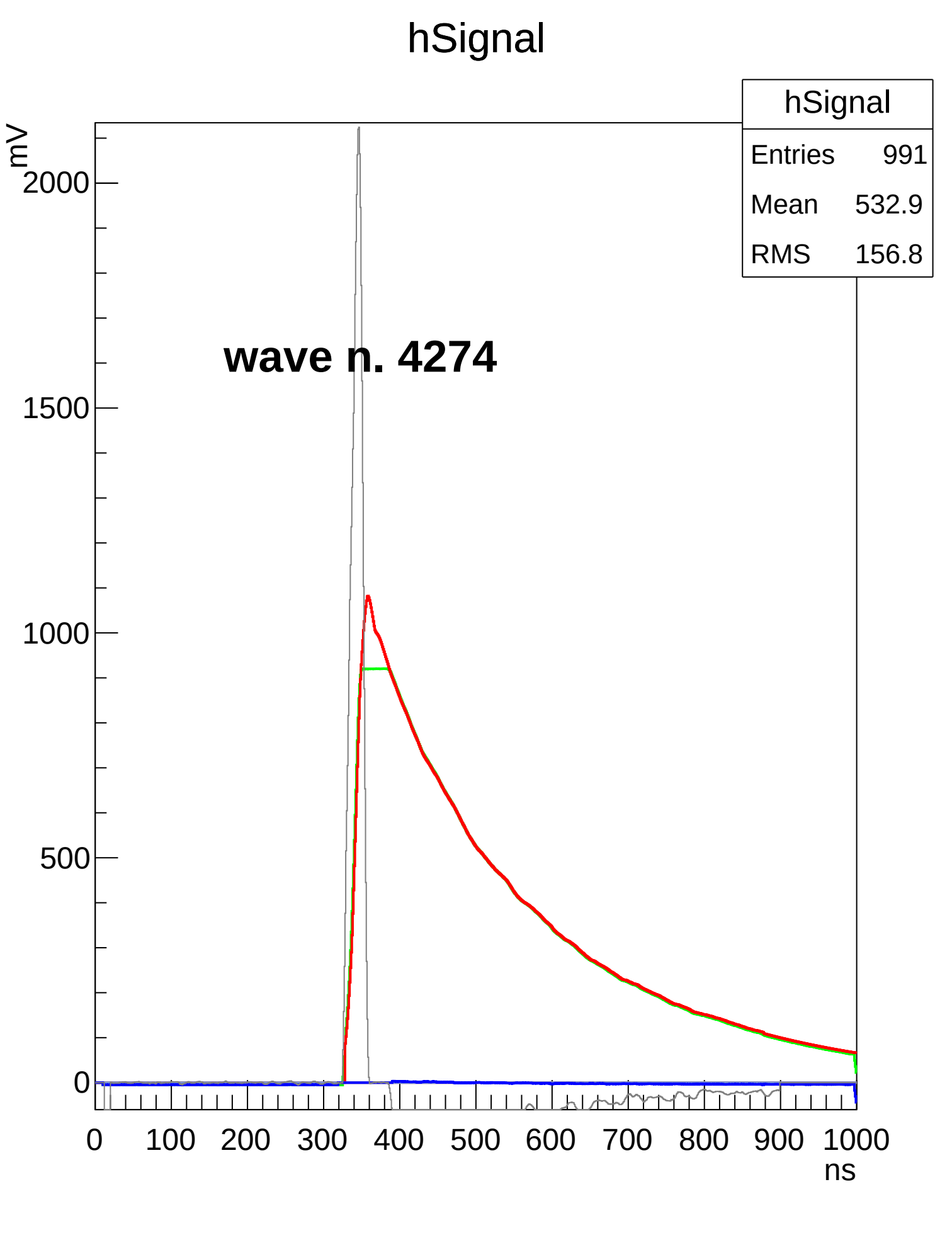

hSignal
hSignal
Entries 991
Mean 495.4
RMS 176.8
wave n. 4269
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

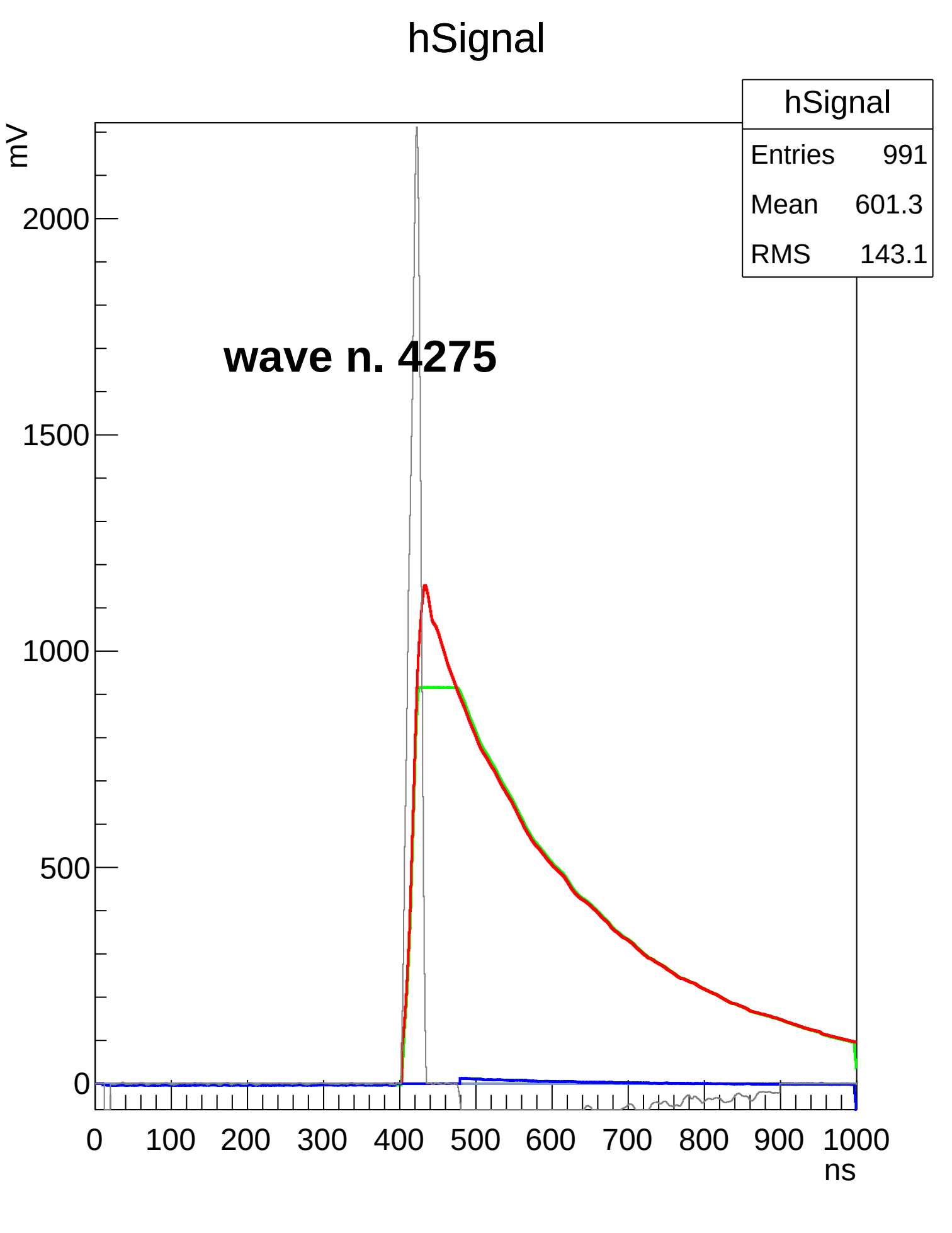

hSignal
hSignal
Entries 991
Mean 606.4
RMS 140.7
wave n. 4270
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.6
RMS 174.4
wave n. 4271
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 611.5
RMS 140.8
wave n. 4272
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 501.2
RMS 163.6
wave n. 4273
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 532.9
RMS 156.8
wave n. 4274
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 601.3
RMS 143.1
wave n. 4275
mV
2000
1500
1000
500
0
0
100
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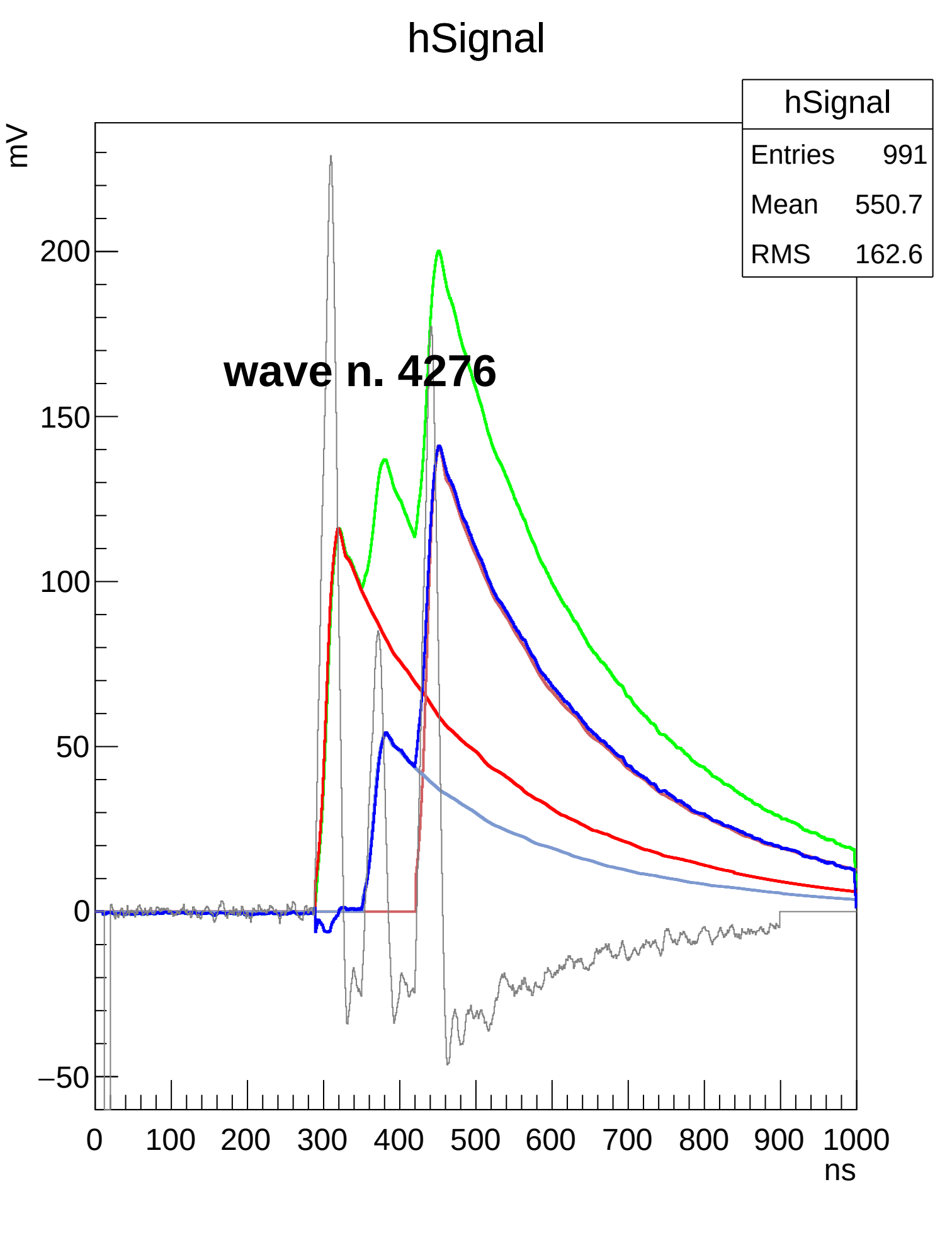
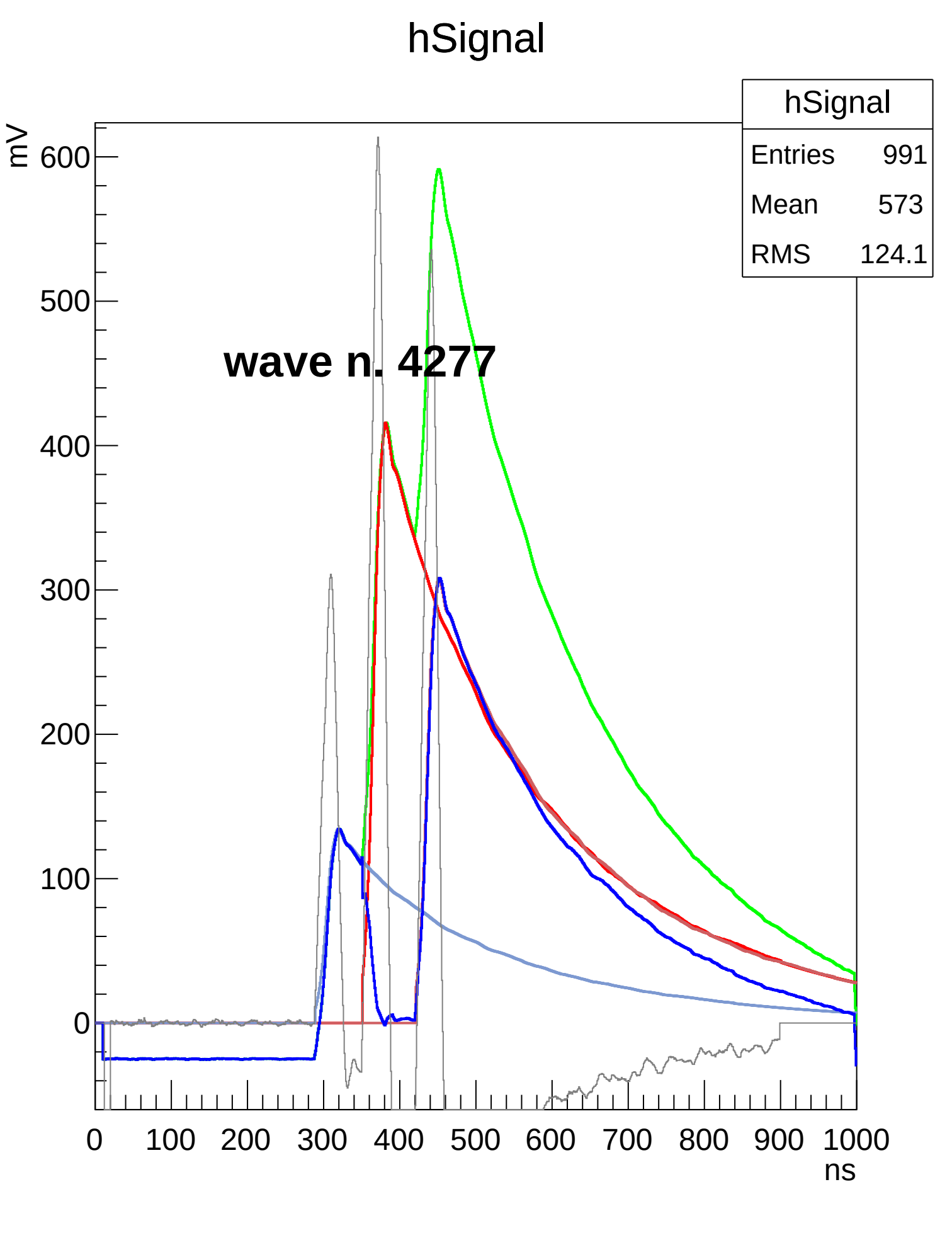
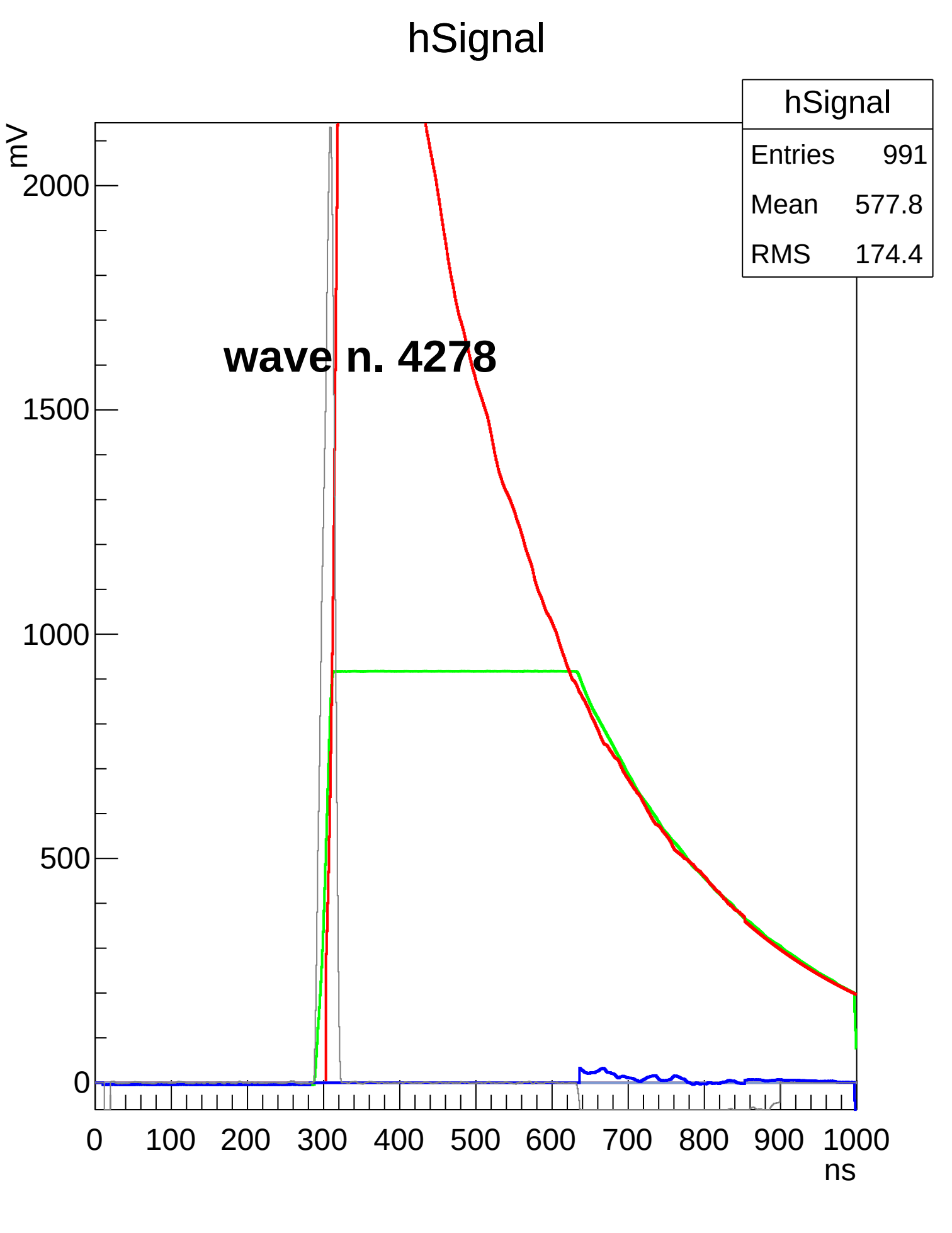
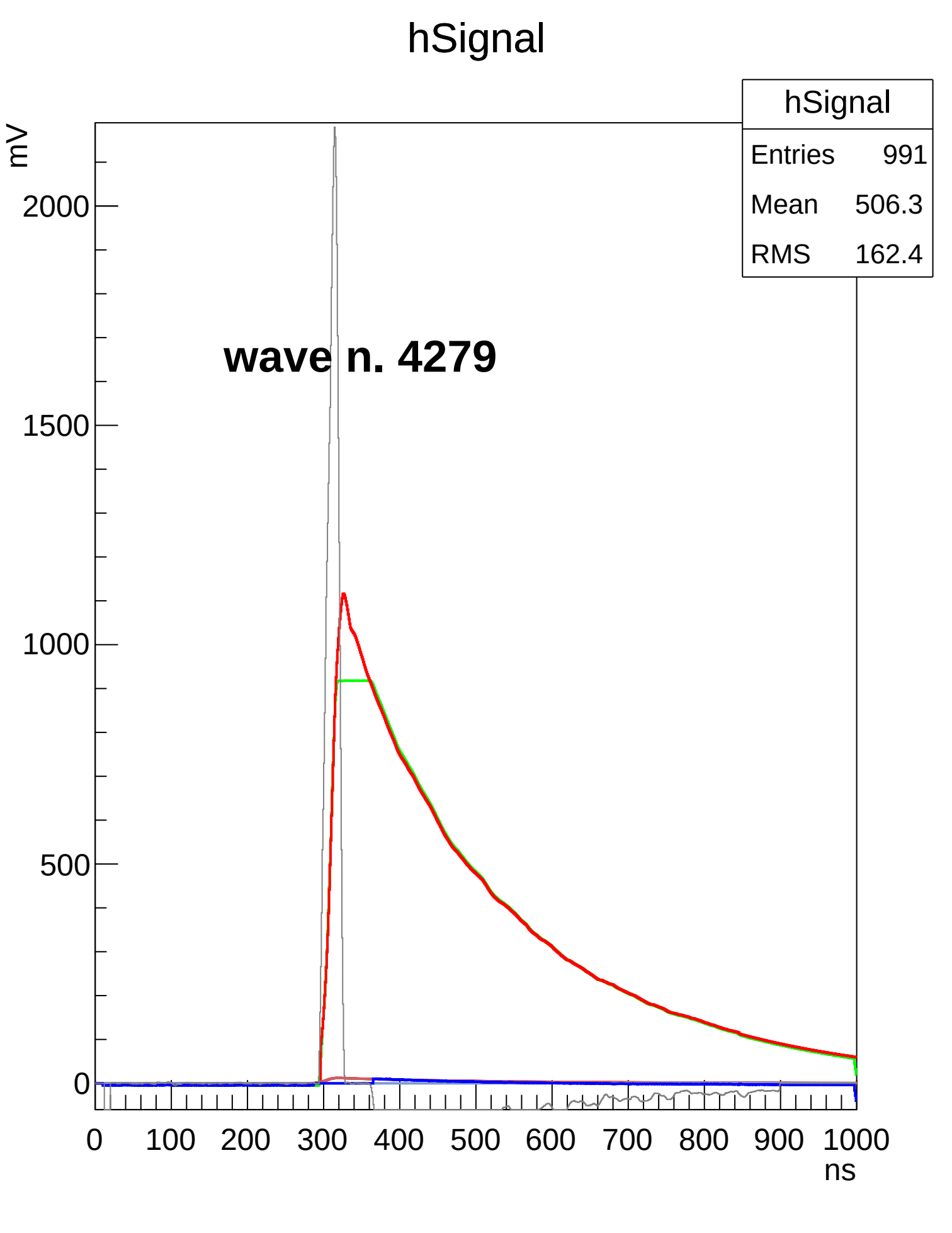
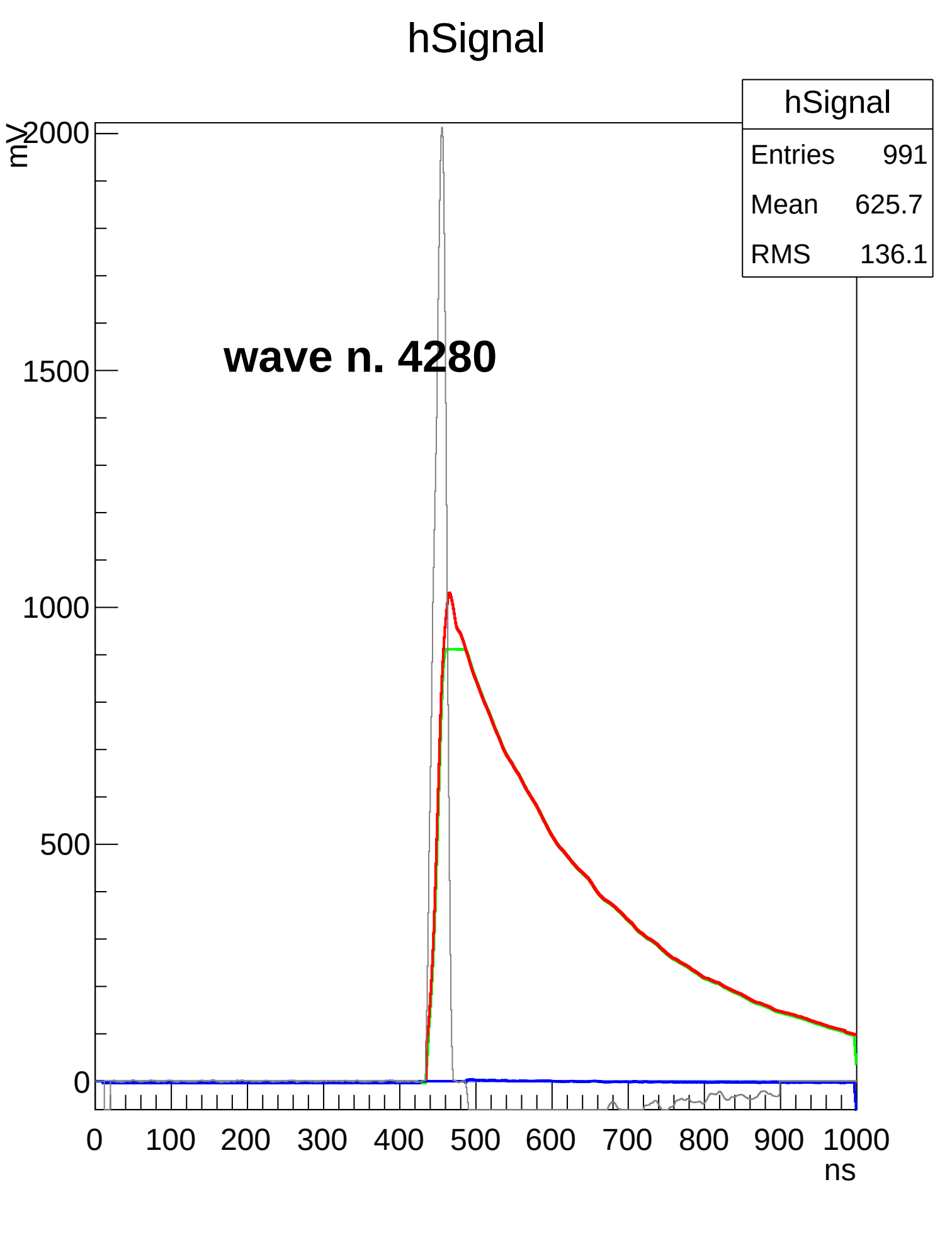
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.7
RMS 162.6
wave n. 4276
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573
RMS 124.1
wave n. 4277
mV
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.8
RMS 174.4
wave n. 4278
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506.3
RMS 162.4
wave n. 4279
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 625.7
RMS 136.1
wave n. 4280
mV
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1500
1000
500
0
0
100
200
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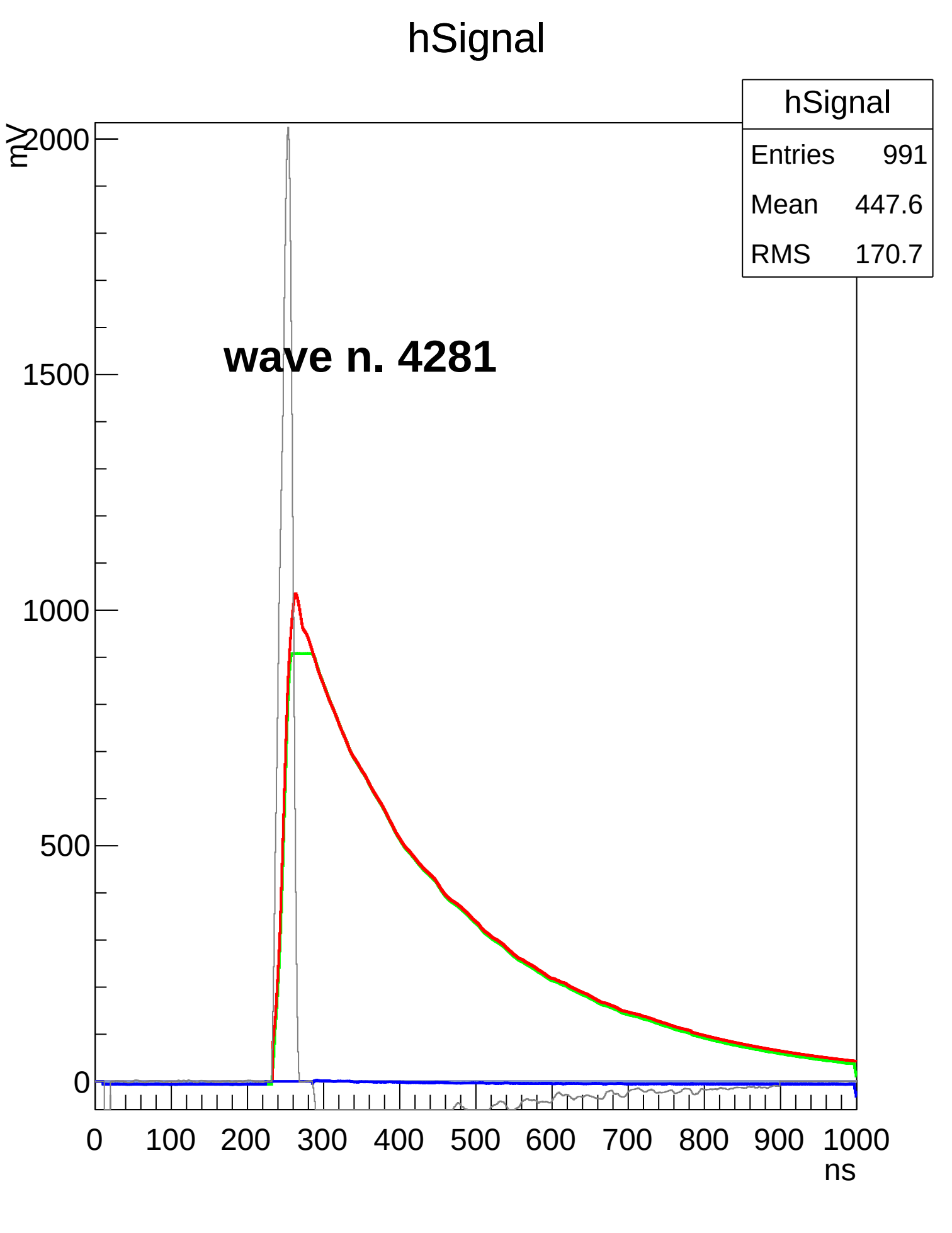
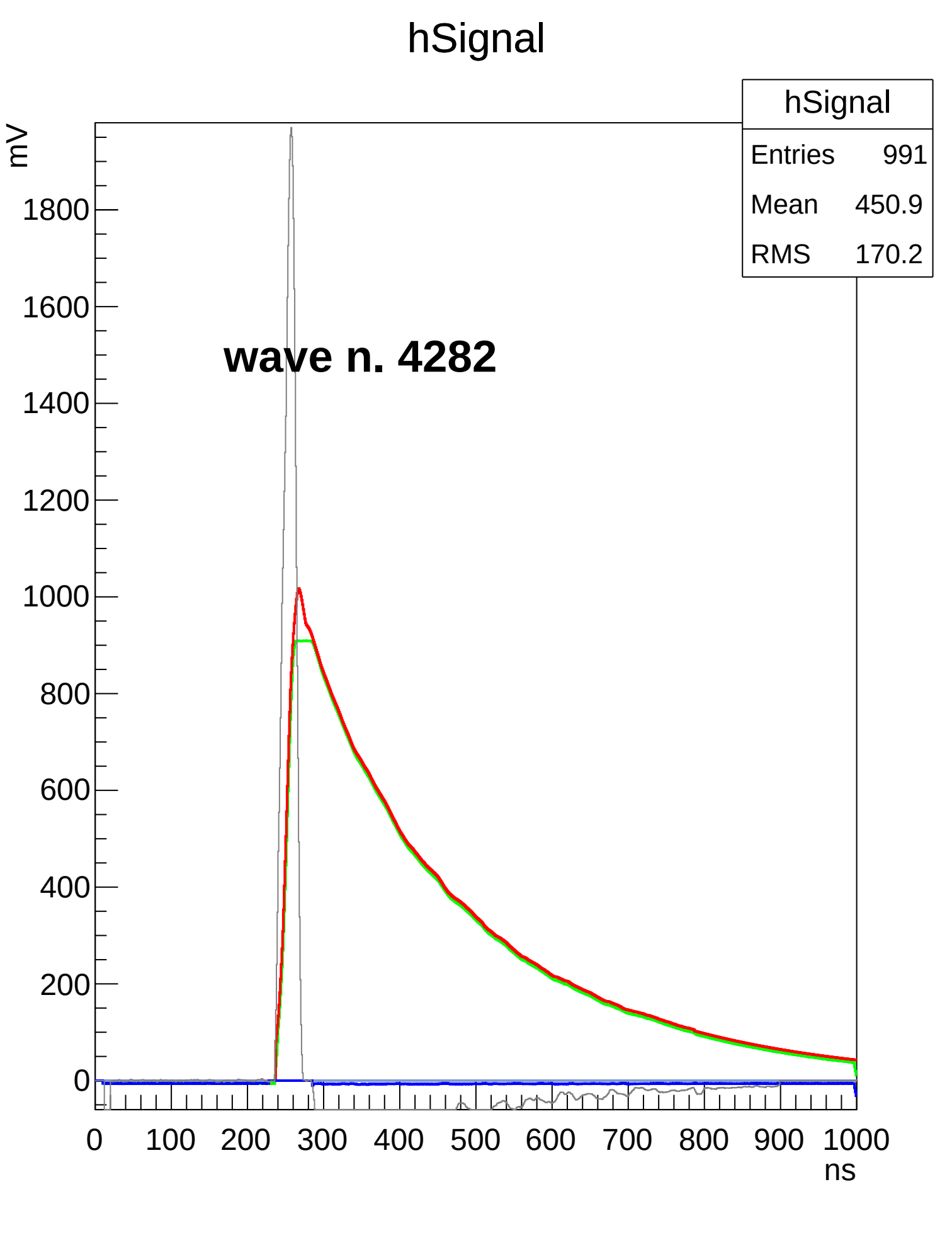
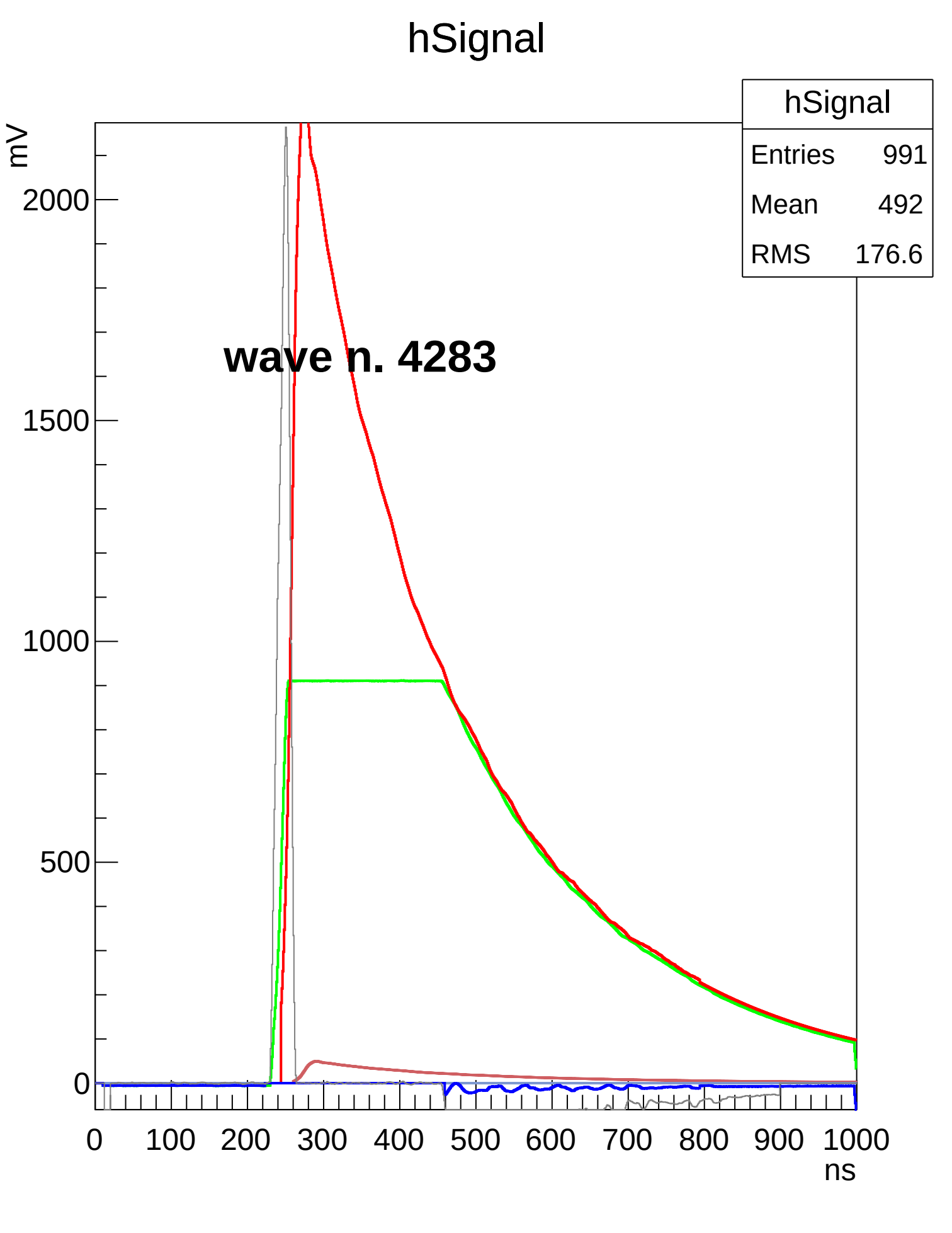
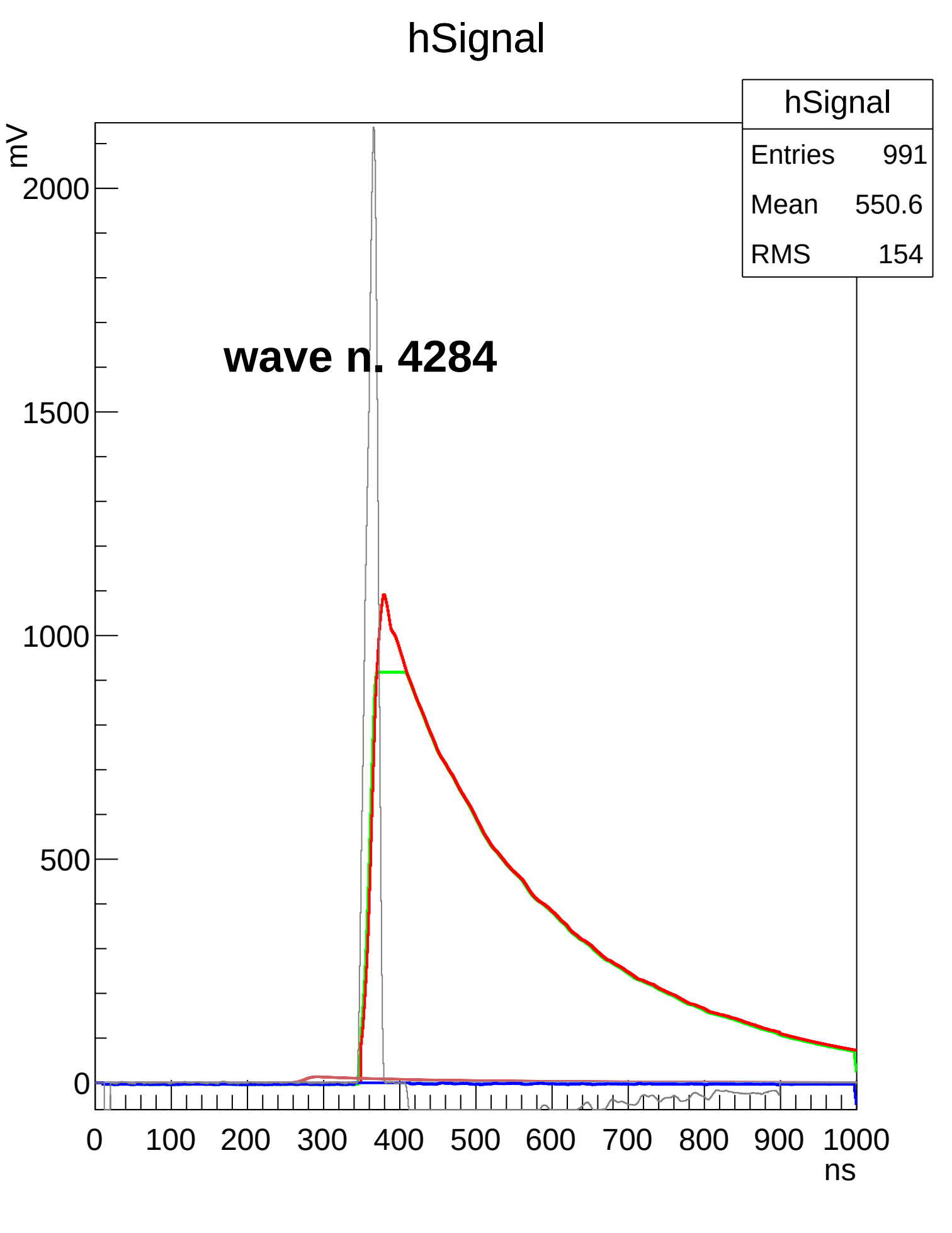
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 447.6
RMS 170.7
wave n. 4281
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 450.9
RMS 170.2
wave n. 4282
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 492
RMS 176.6
wave n. 4283
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 550.6
RMS 154
wave n. 4284
mV
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1500
1000
500
0
0
100
200
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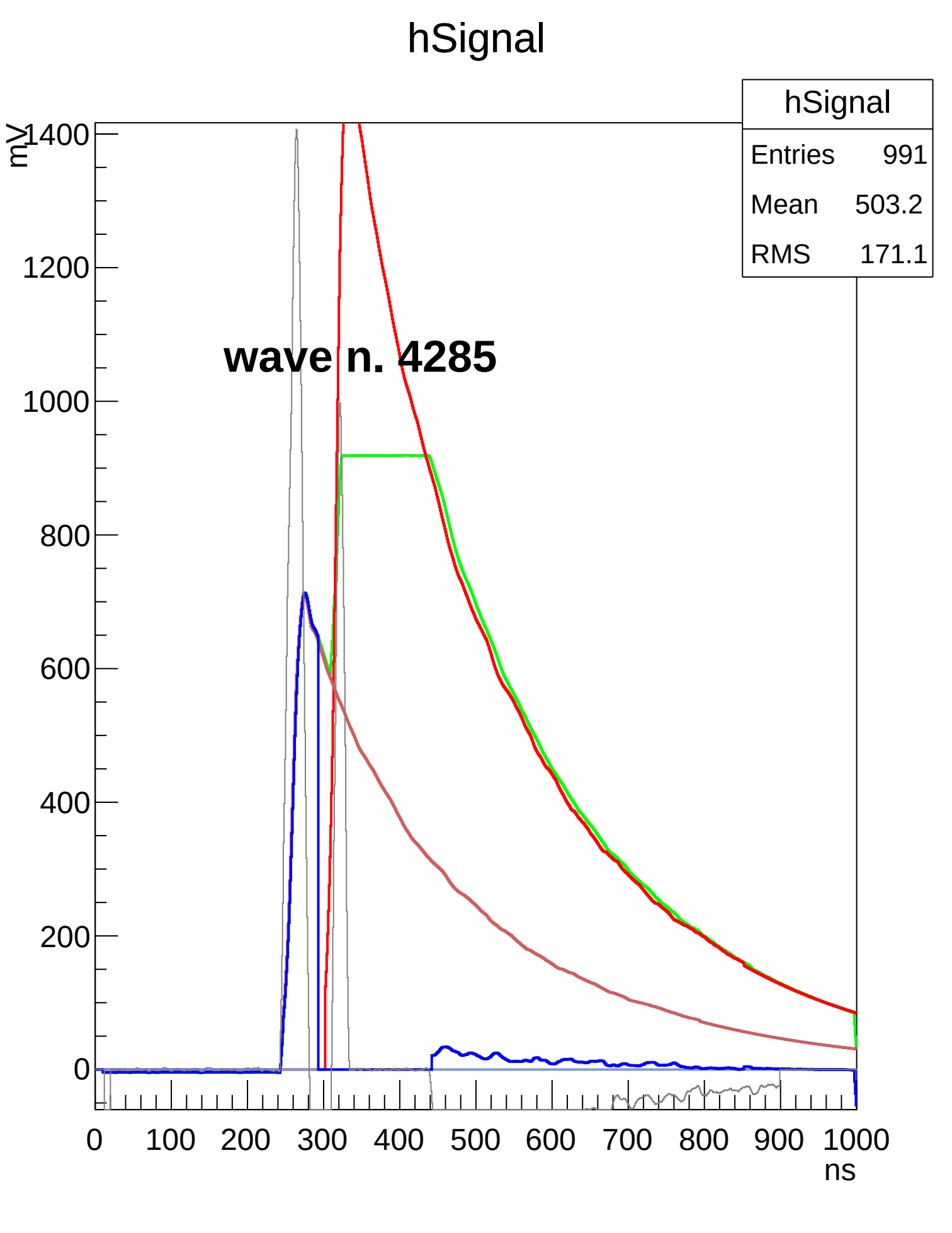
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.2
RMS 171.1
wave n. 4285
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
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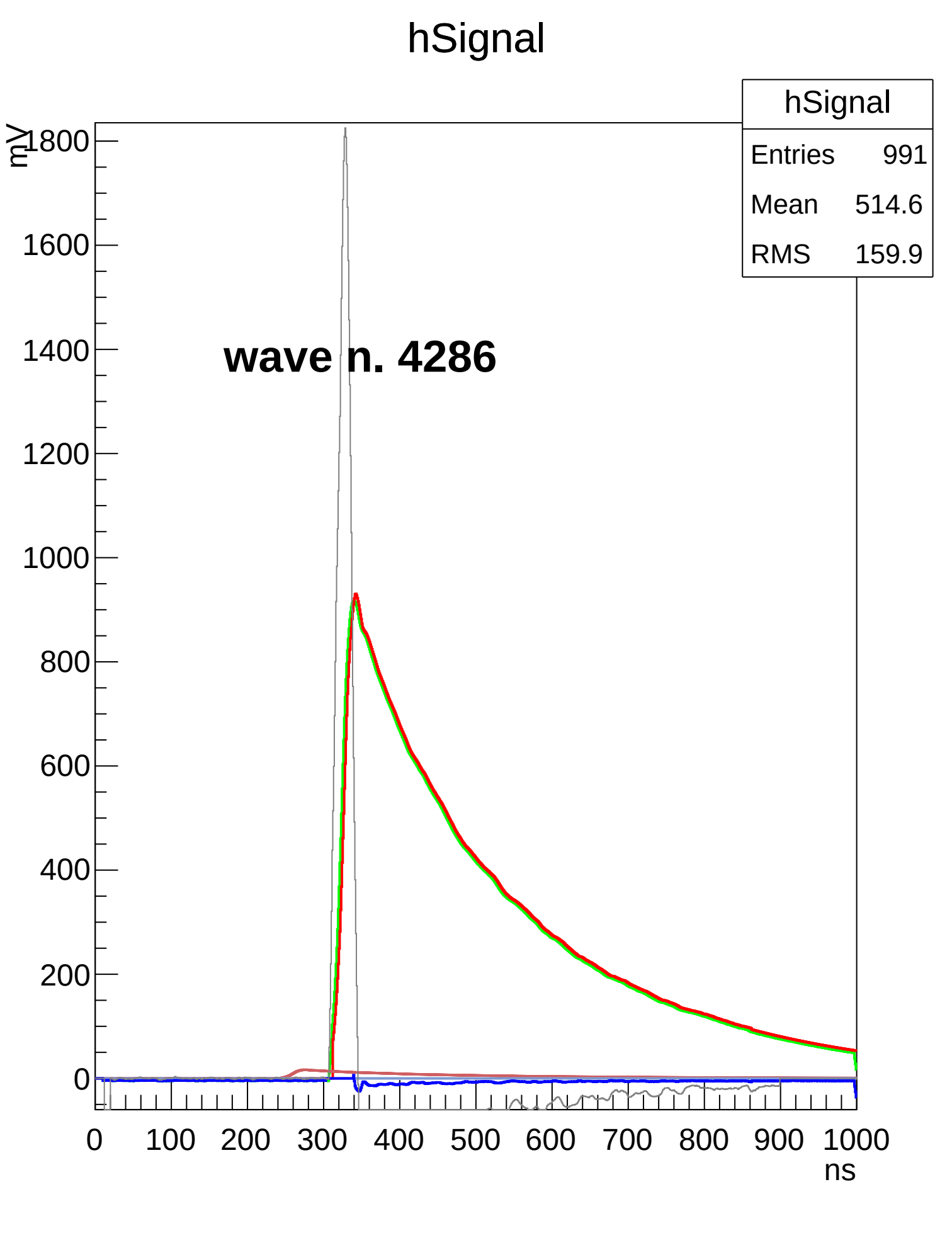
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 514.6
RMS 159.9
wave n. 4286
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
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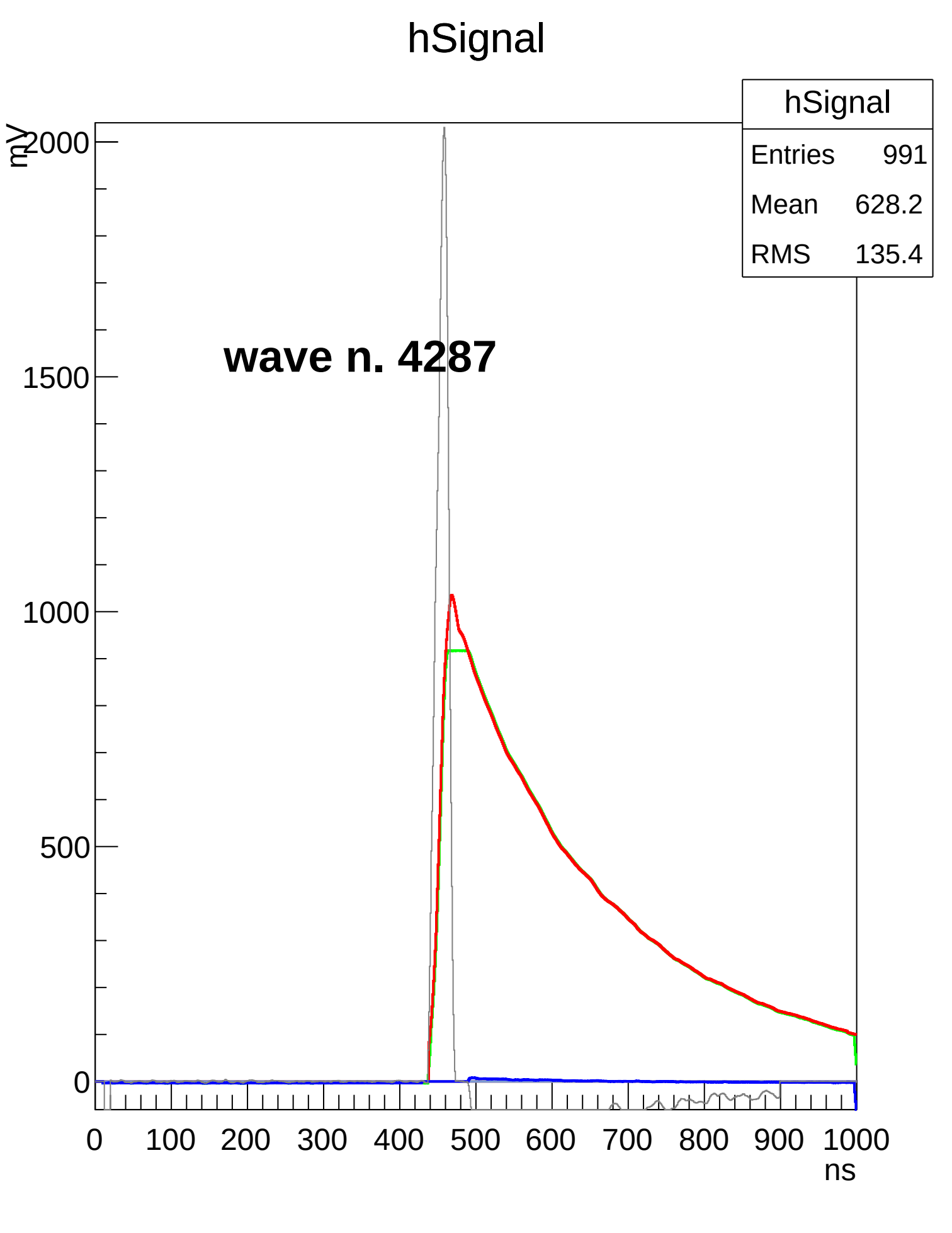
900
1000
ns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hSignal
Entries 991
Mean 628.2
RMS 135.4
wave n. 4287
mV
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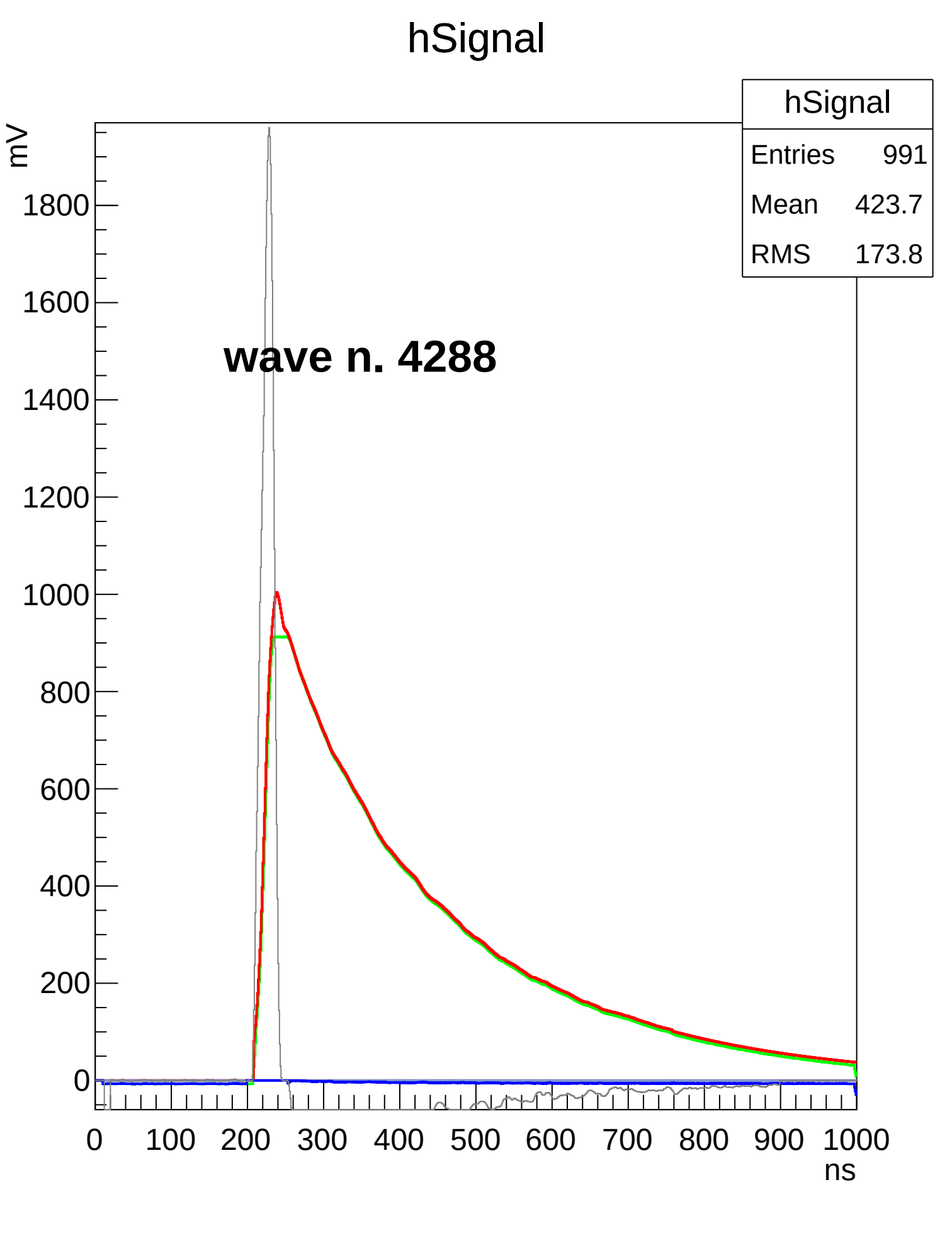
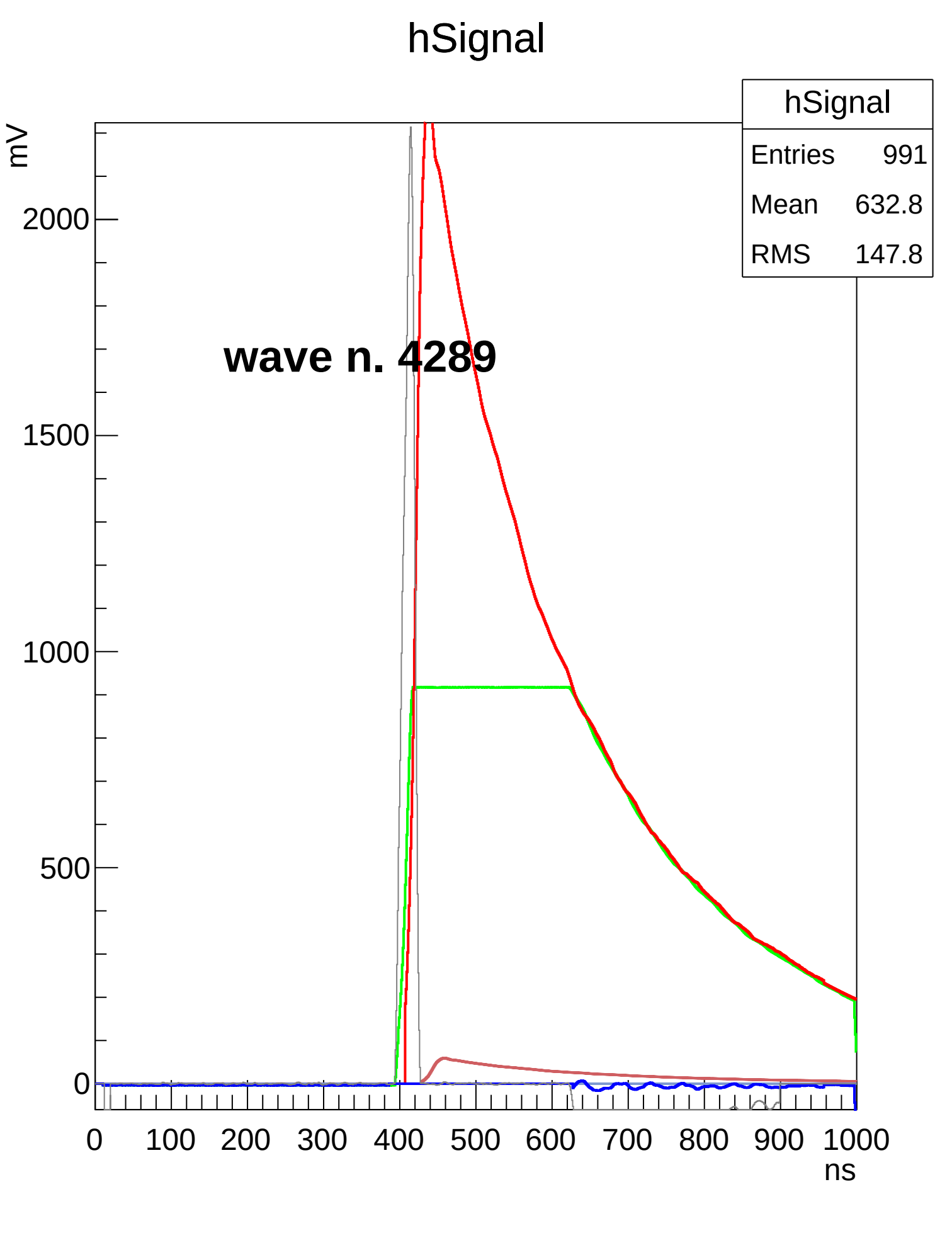
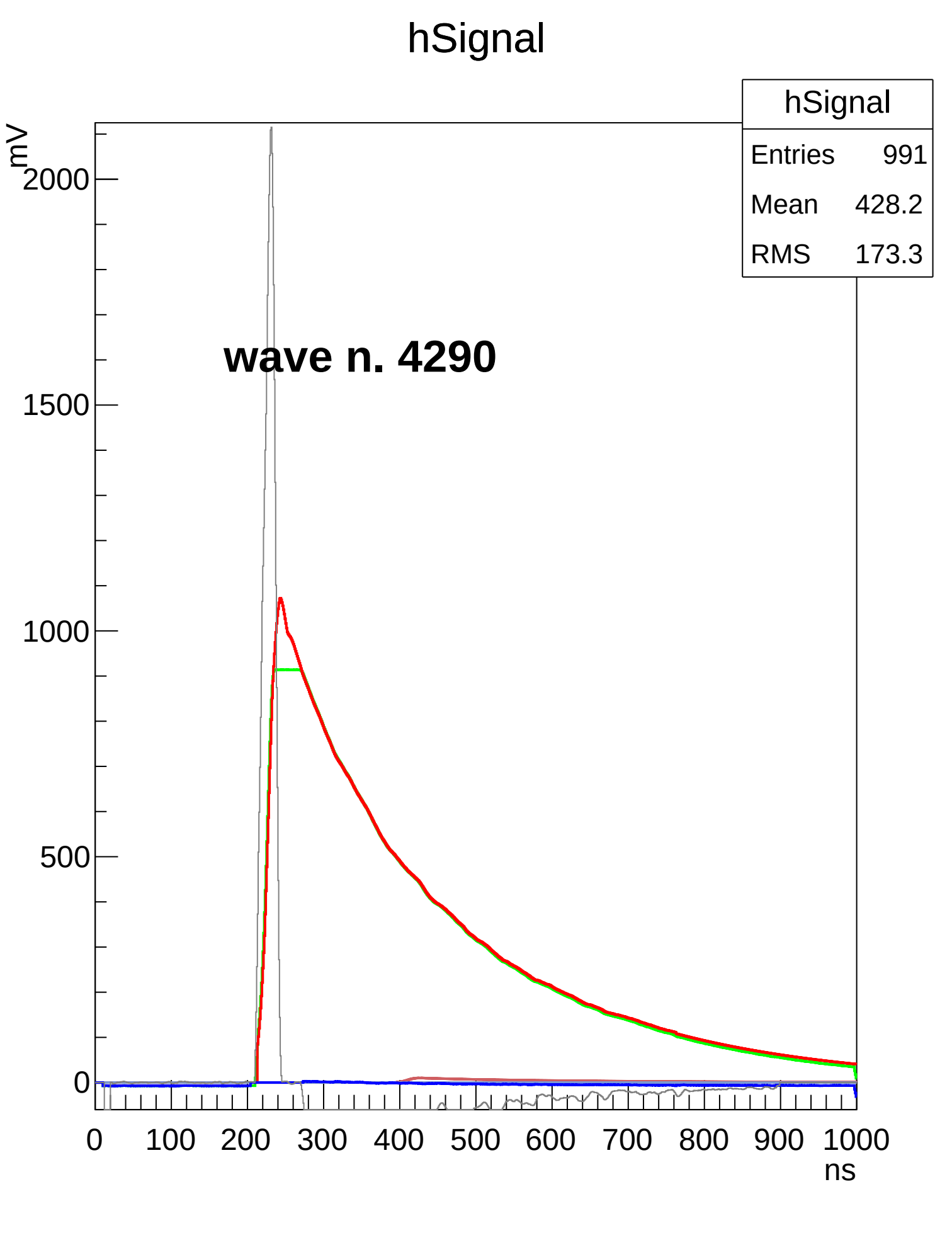
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 423.7
RMS 173.8
wave n. 4288
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 632.8
RMS 147.8
wave n. 4289
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 428.2
RMS 173.3
wave n. 4290
mV
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1500
1000
500
0
0
100
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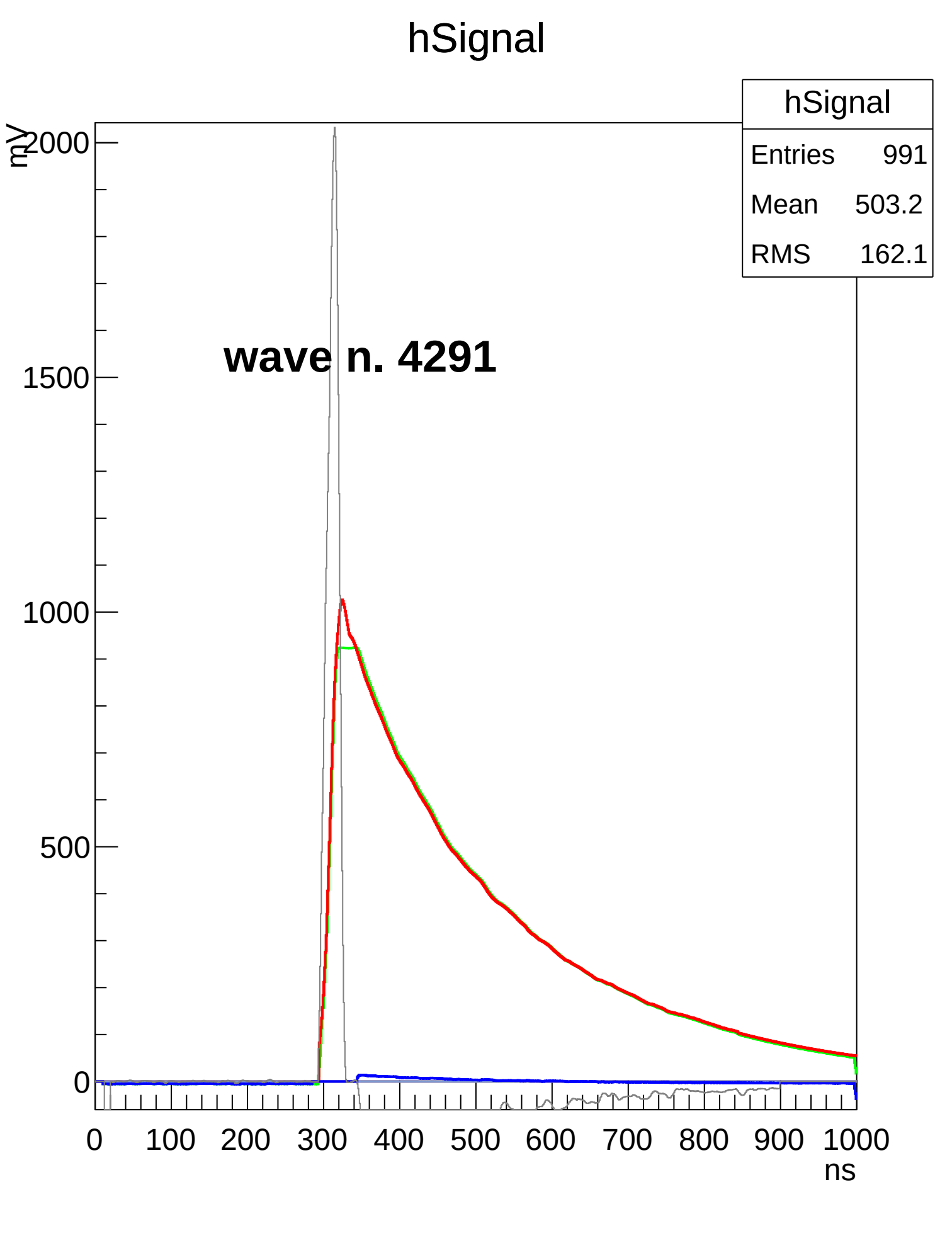
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.2
RMS 162.1
wave n. 4291
mV
2000
1500
1000
500
0
0
100
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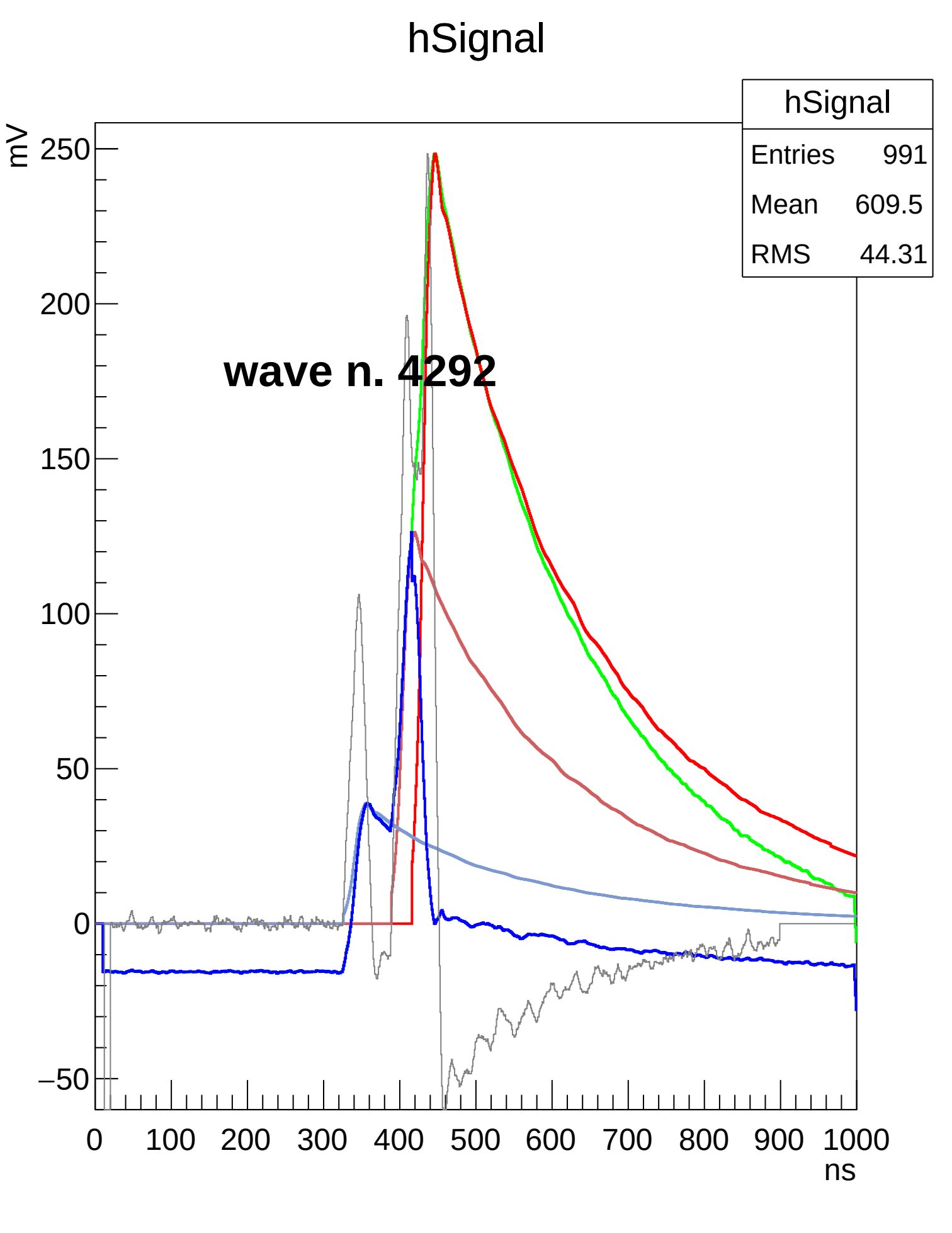
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 609.5
RMS 44.31
wave n. 4292
mV
250
200
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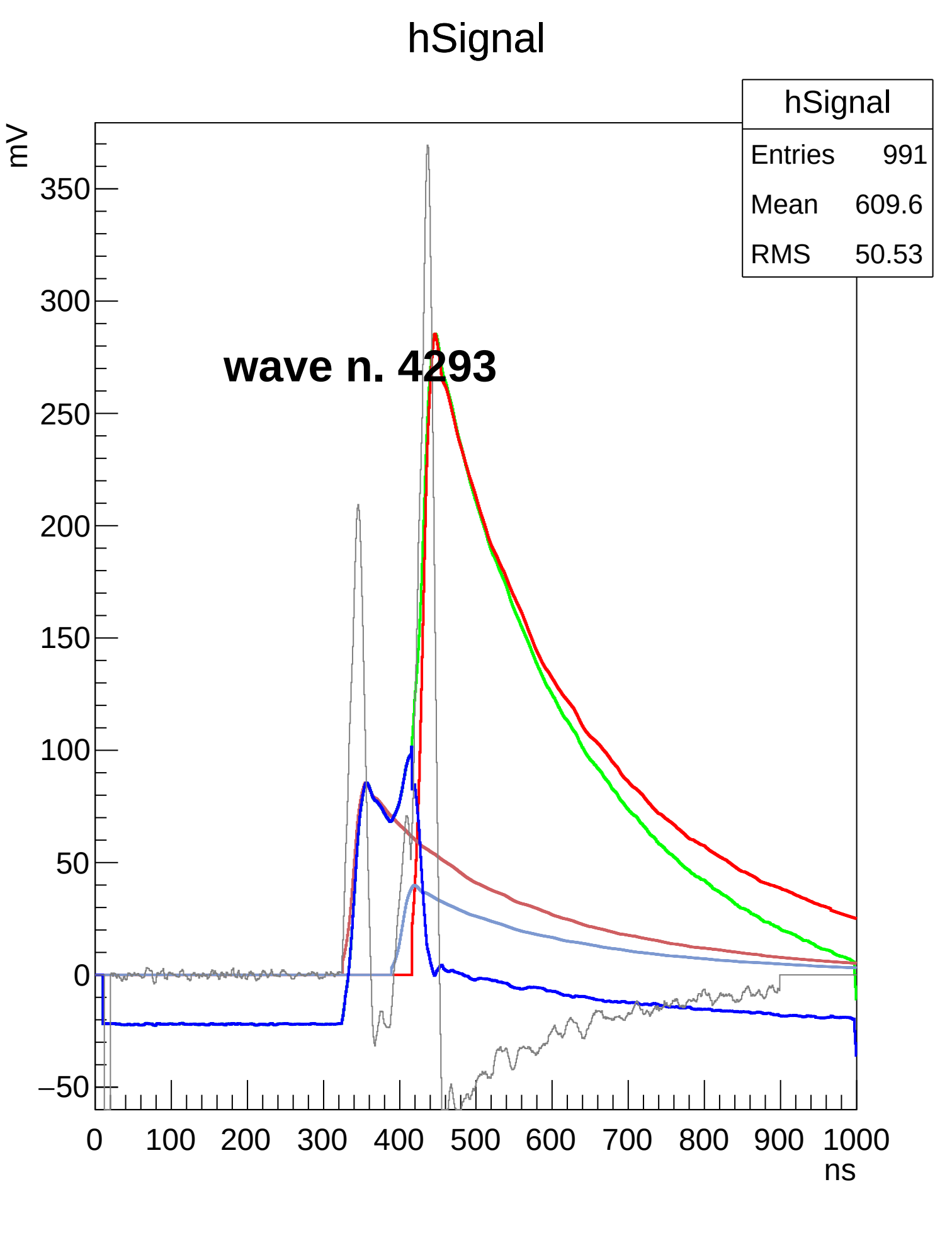
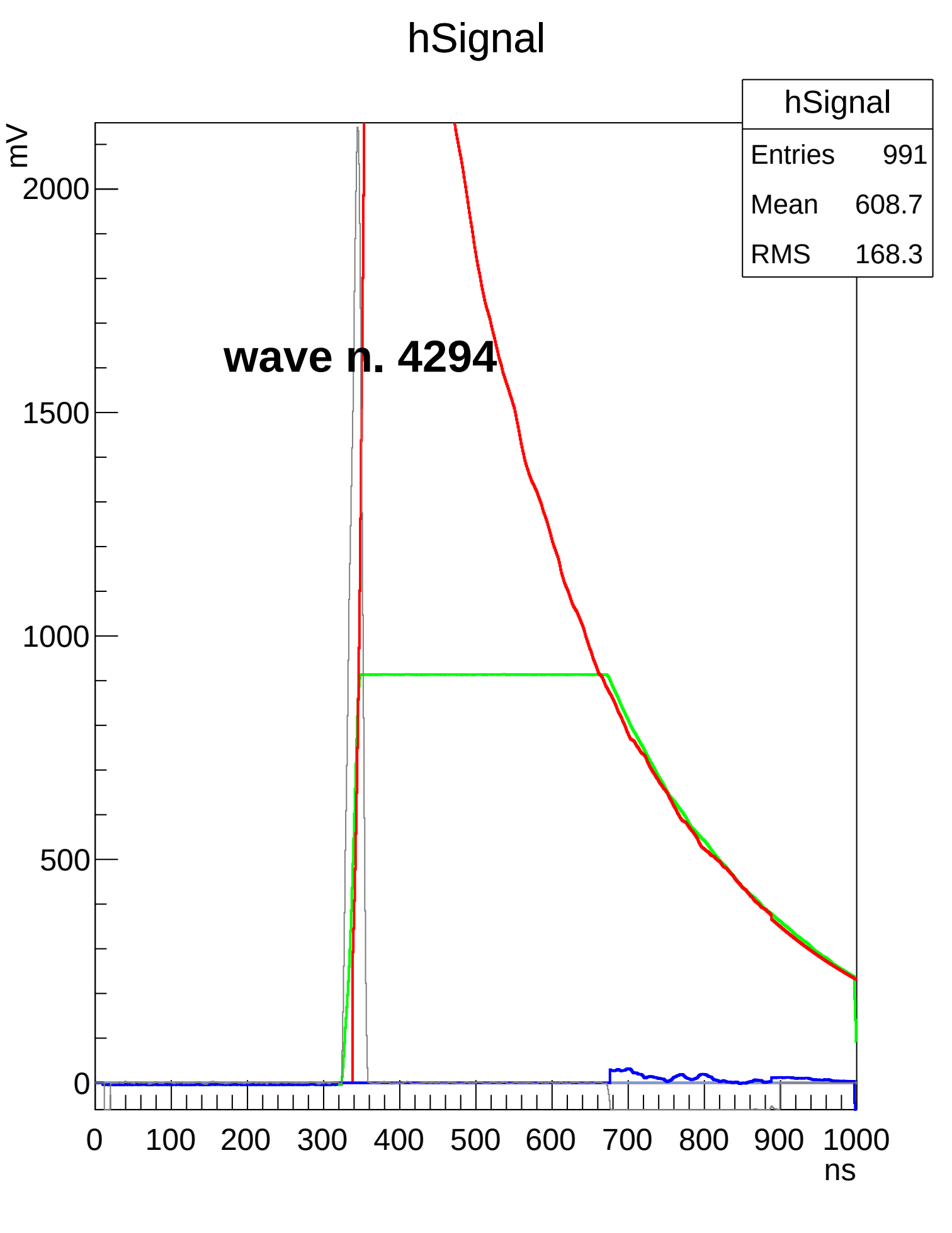
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 609.6
RMS 50.53
wave n. 4293
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 608.7
RMS 168.3
wave n. 4294
mV
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1500
1000
500
0
0
100
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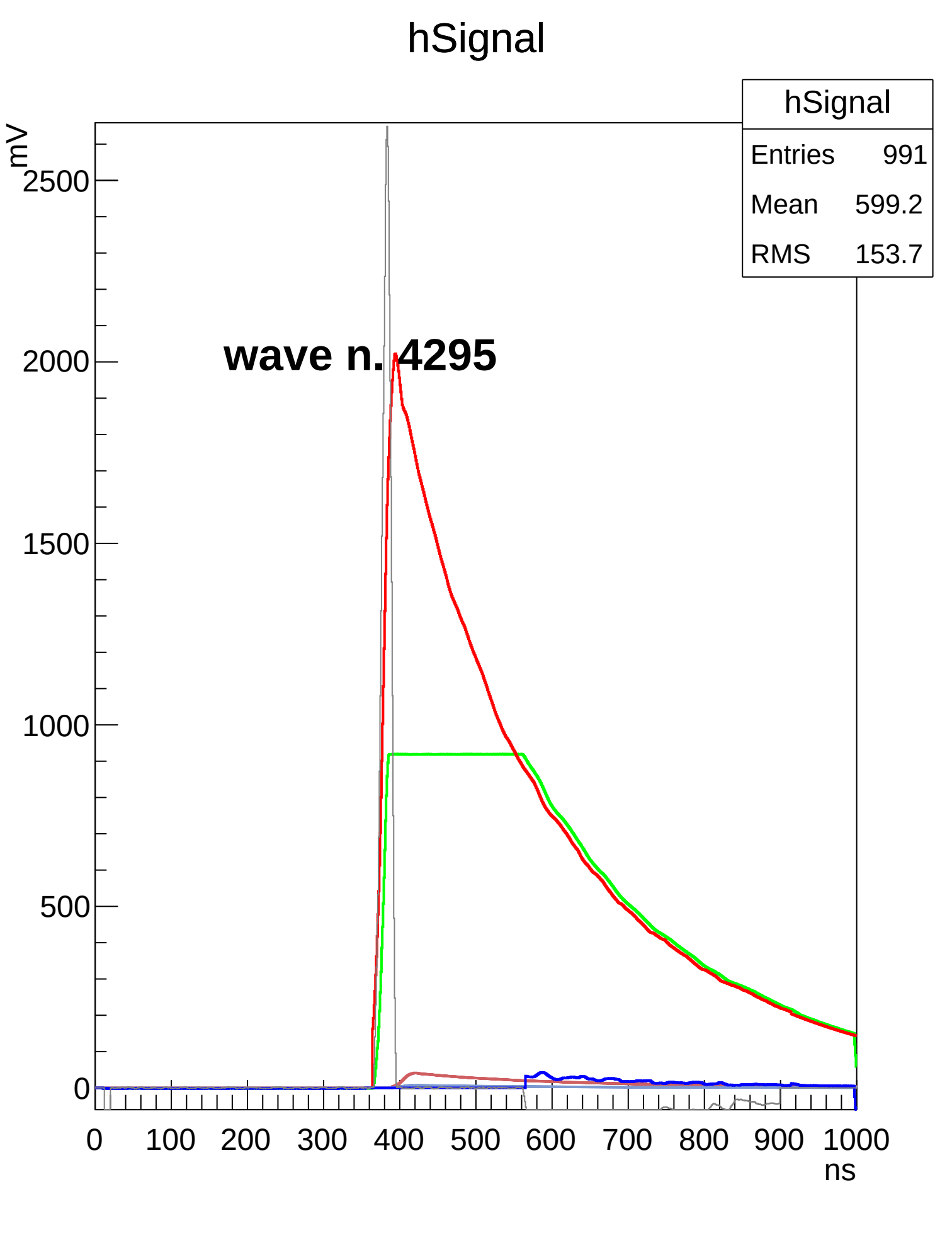
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 599.2
RMS 153.7
wave n. 4295
mV
2500
2000
1500
1000
500
0
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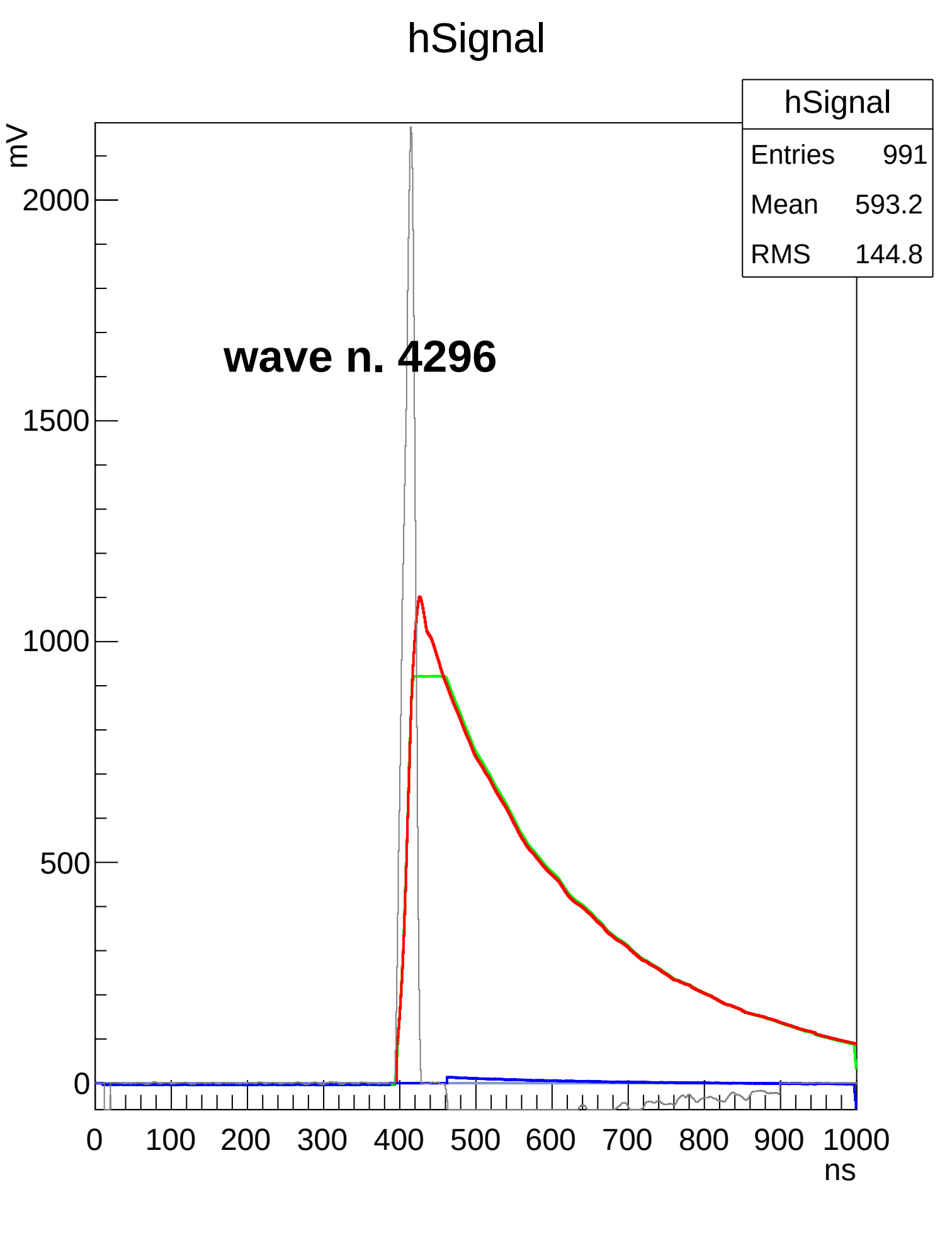
ns


hSignal
hSignal
Entries 991
Mean 593.2
RMS 144.8
wave n. 4296
mV
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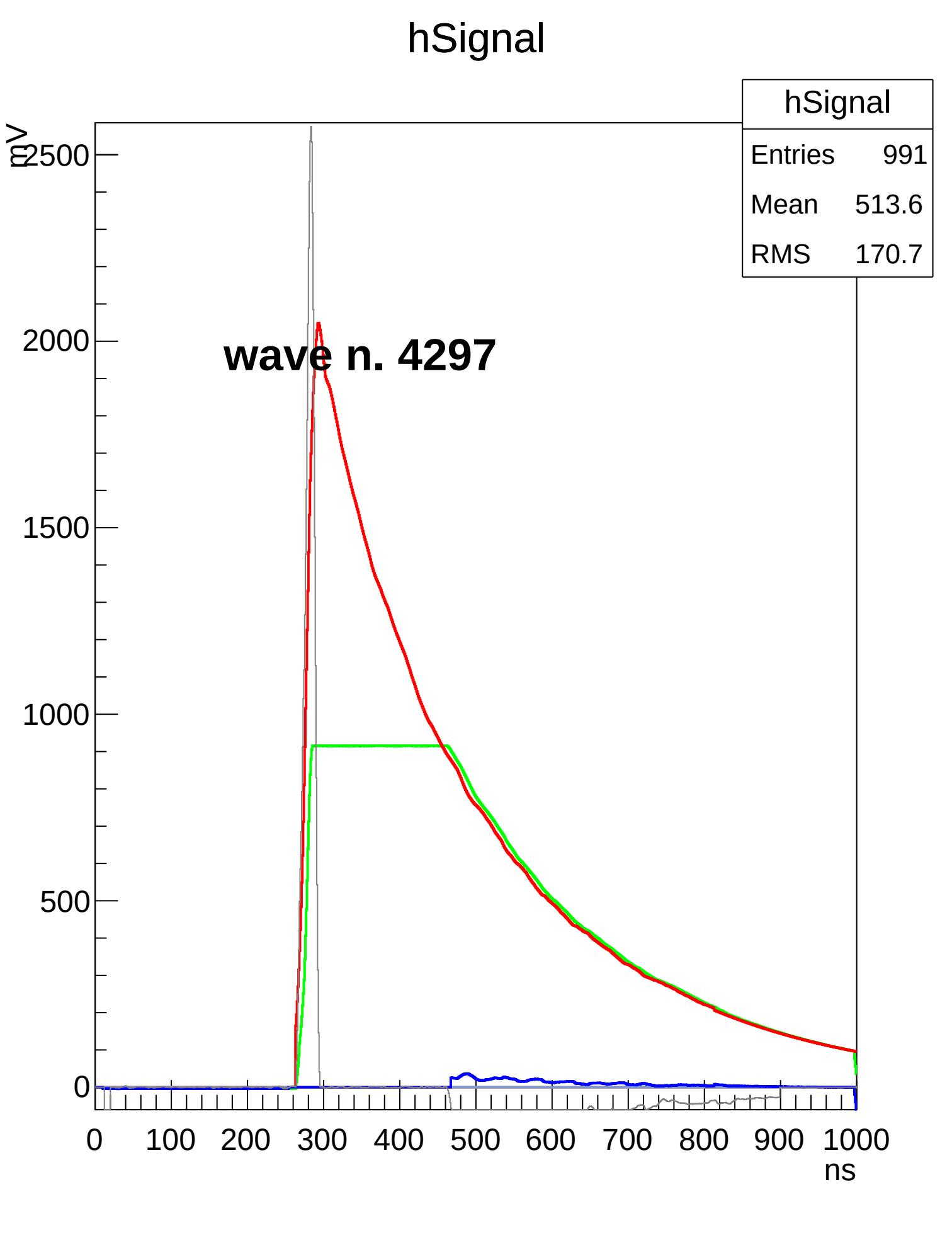
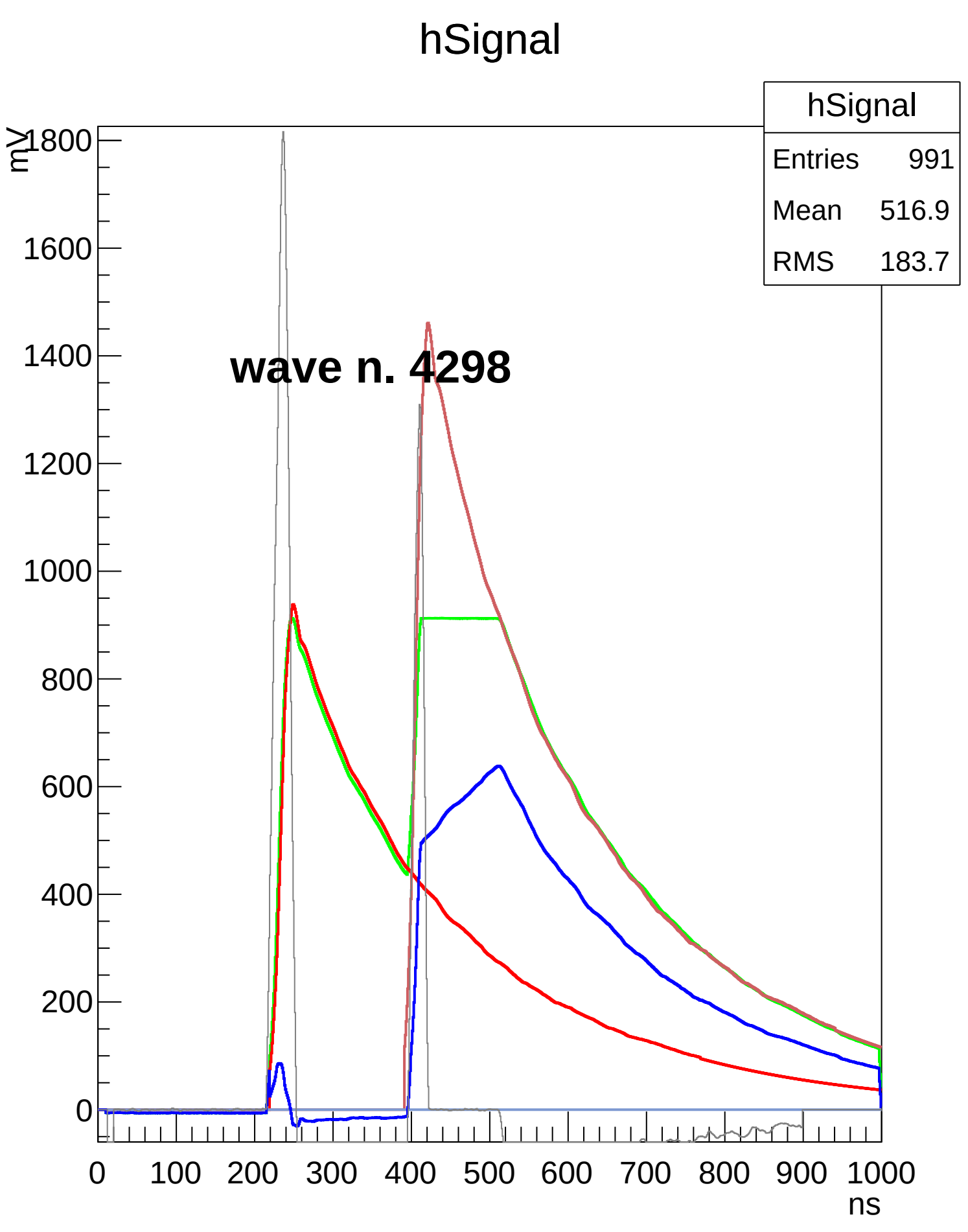
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513.6
RMS 170.7
wave n. 4297
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 516.9
RMS 183.7
wave n. 4298
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
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400
500
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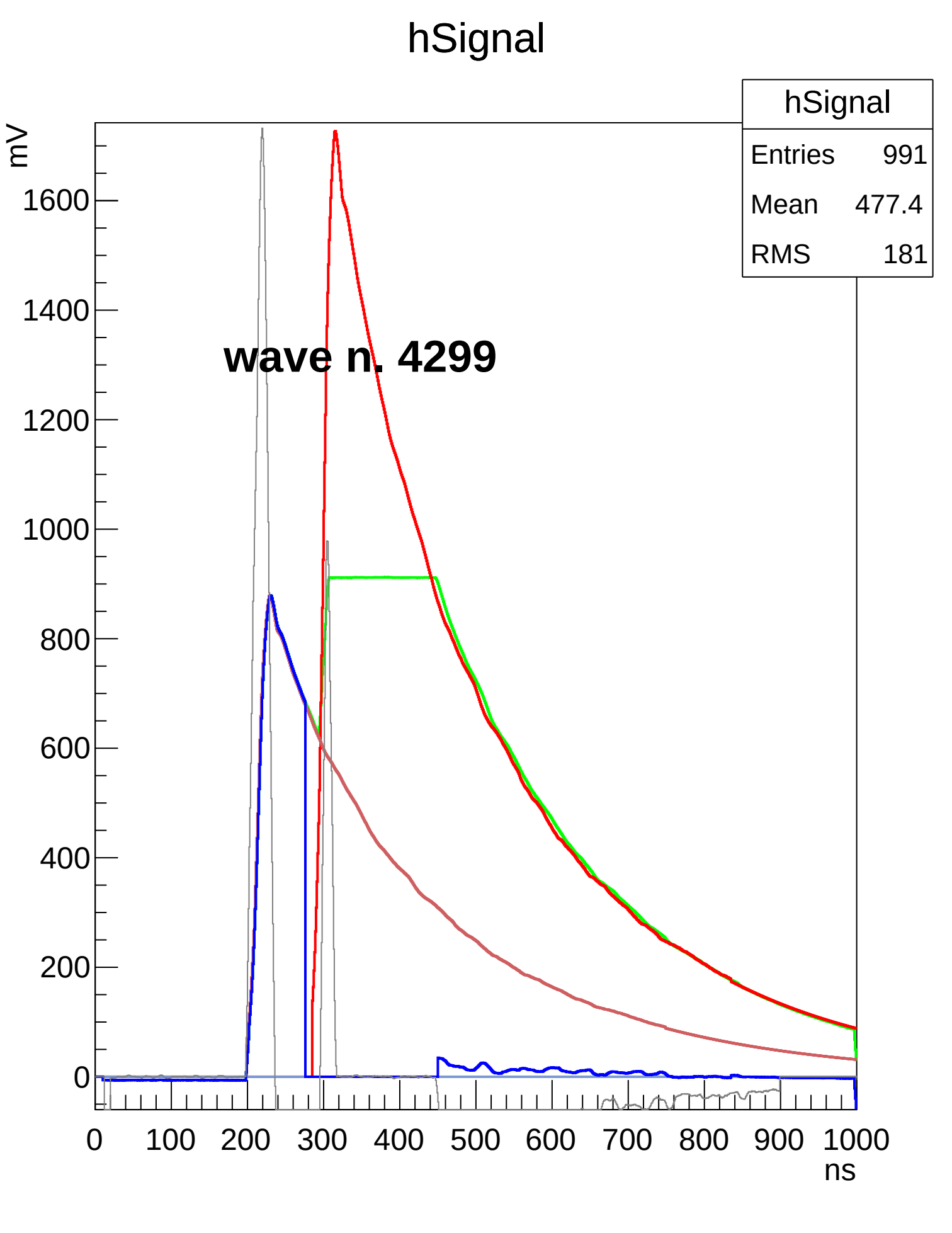
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 477.4
RMS 181
wave n. 4299
mV
1600
1400
1200
1000
800
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400
200
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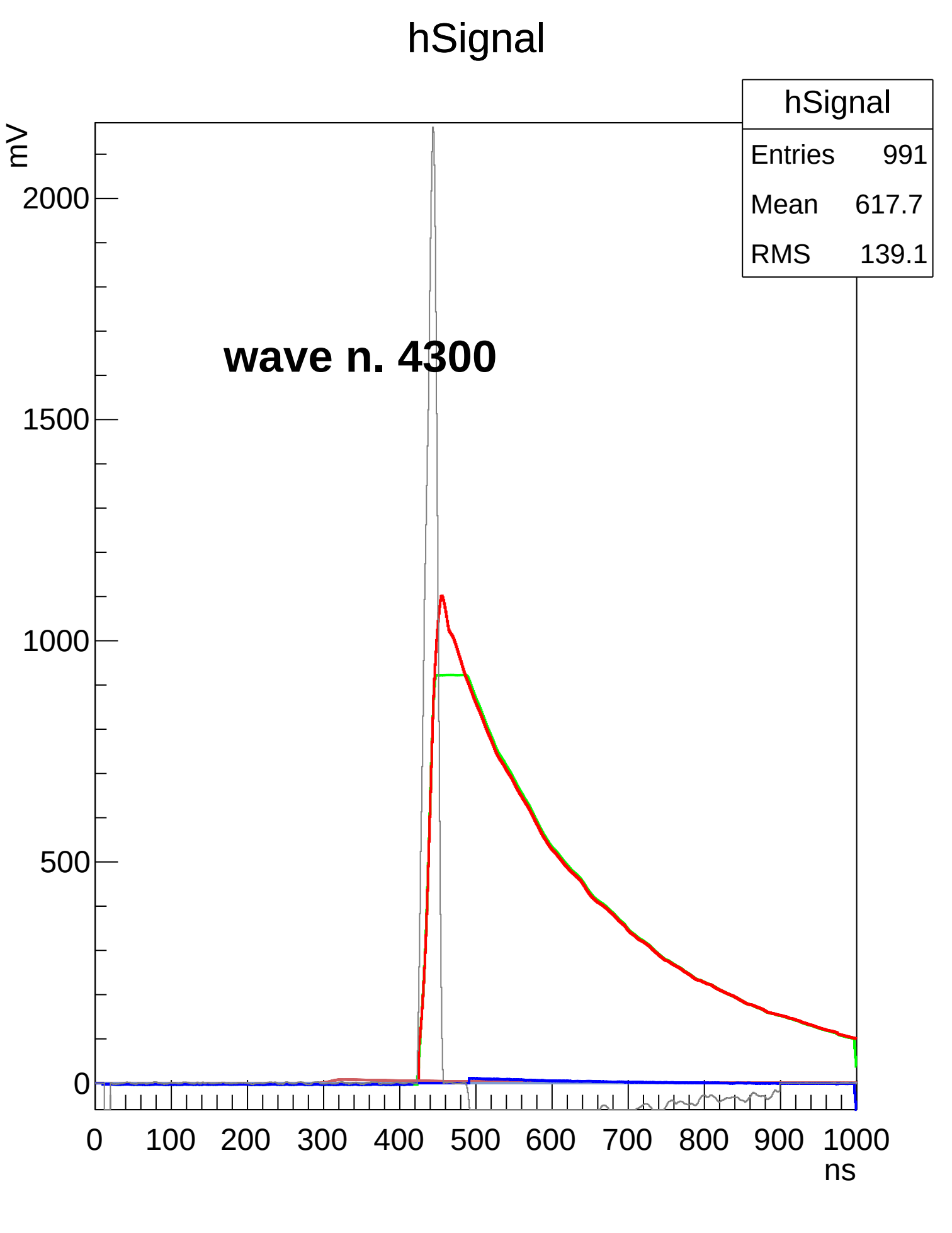
ns


hSignal
hSignal
Entries 991
Mean 617.7
RMS 139.1
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mV
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1500
1000
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0
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400
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800
900
1000
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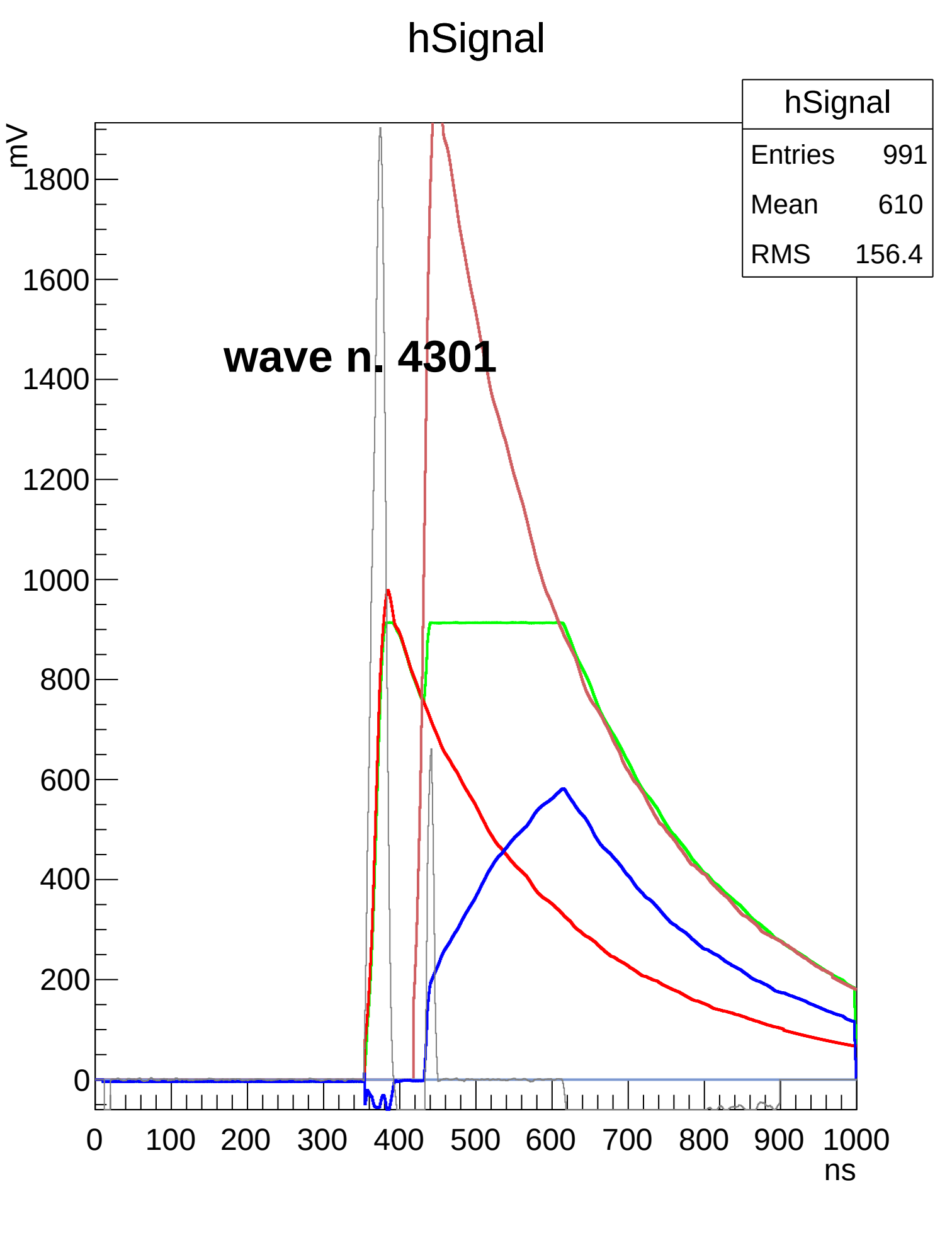
hSignal
hSignal
Entries 991
Mean 610
RMS 156.4
wave n. 4301
mV
1800
1600
1400
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600
400
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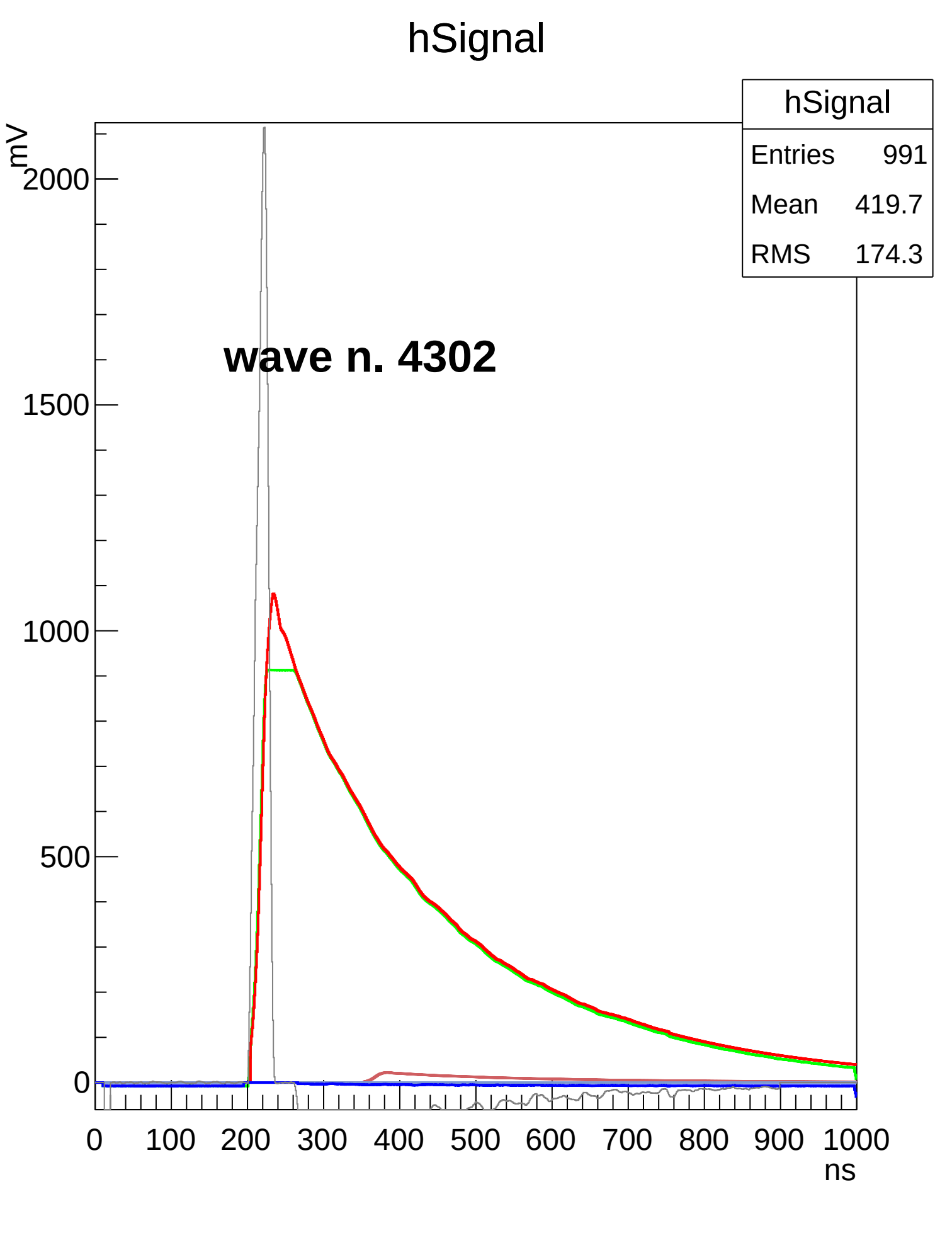
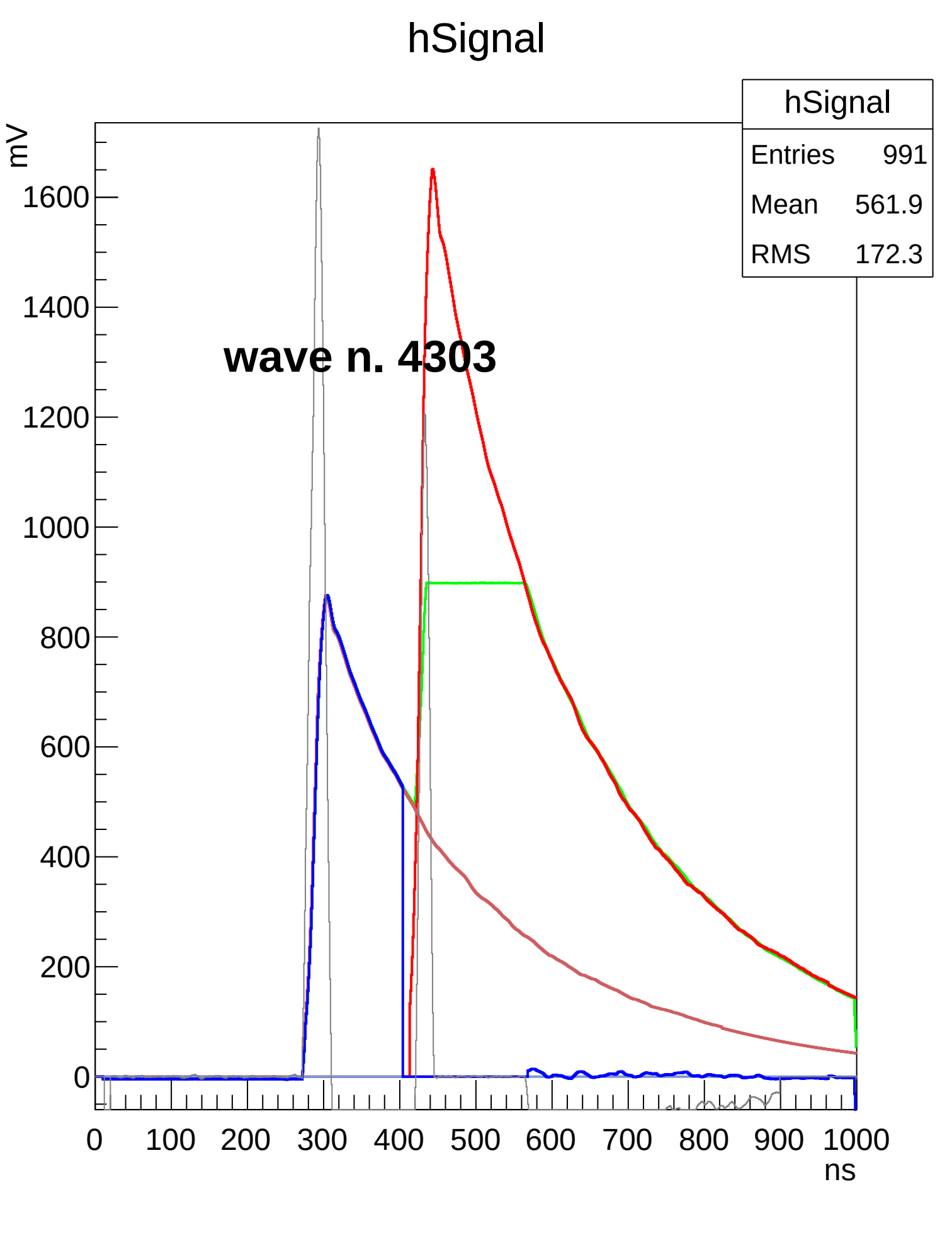
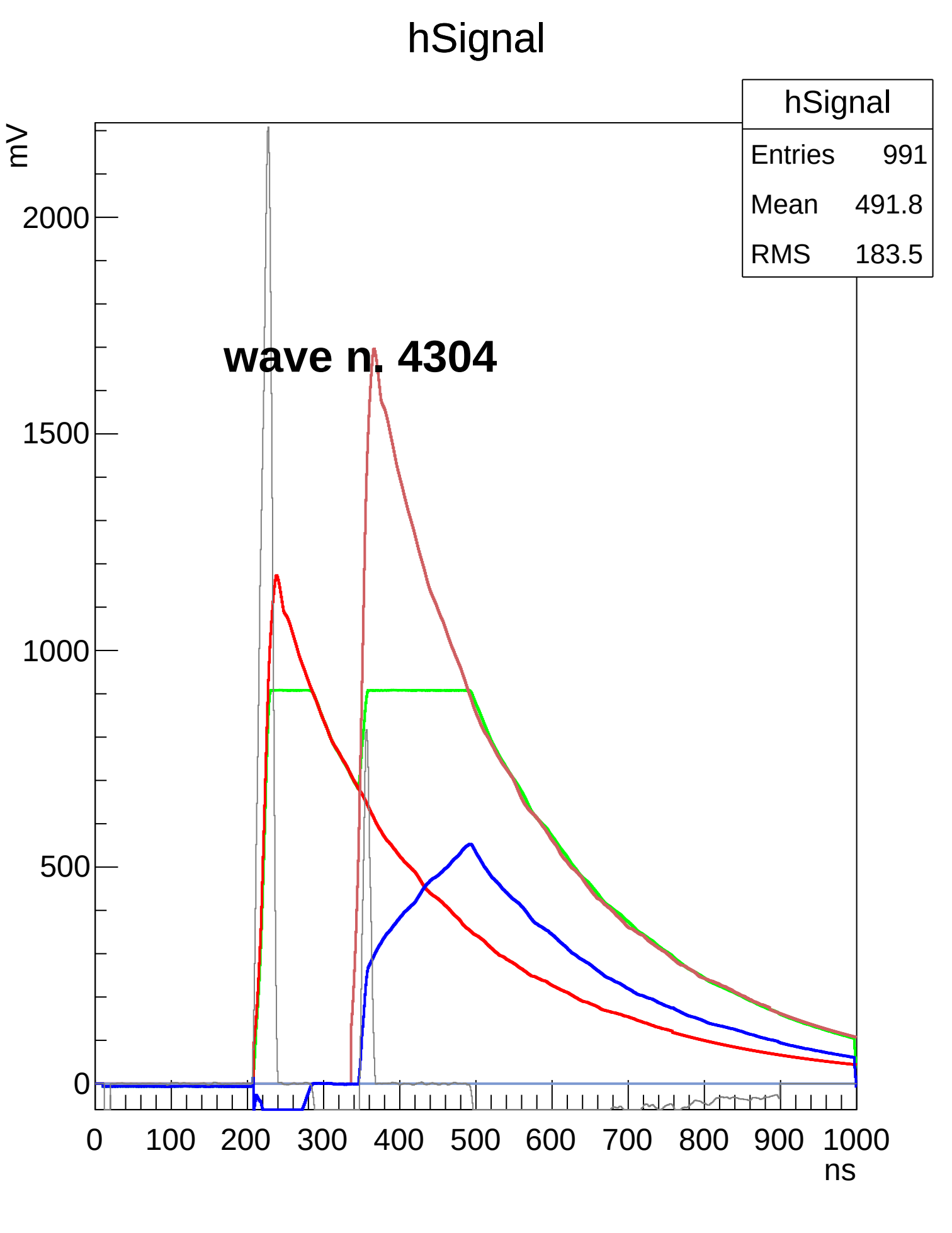
1000
ns


hSignal
hSignal
Entries 991
Mean 419.7
RMS 174.3
wave n. 4302
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.9
RMS 172.3
wave n. 4303
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 491.8
RMS 183.5
wave n. 4304
mV
2000
1500
1000
500
0
0
100
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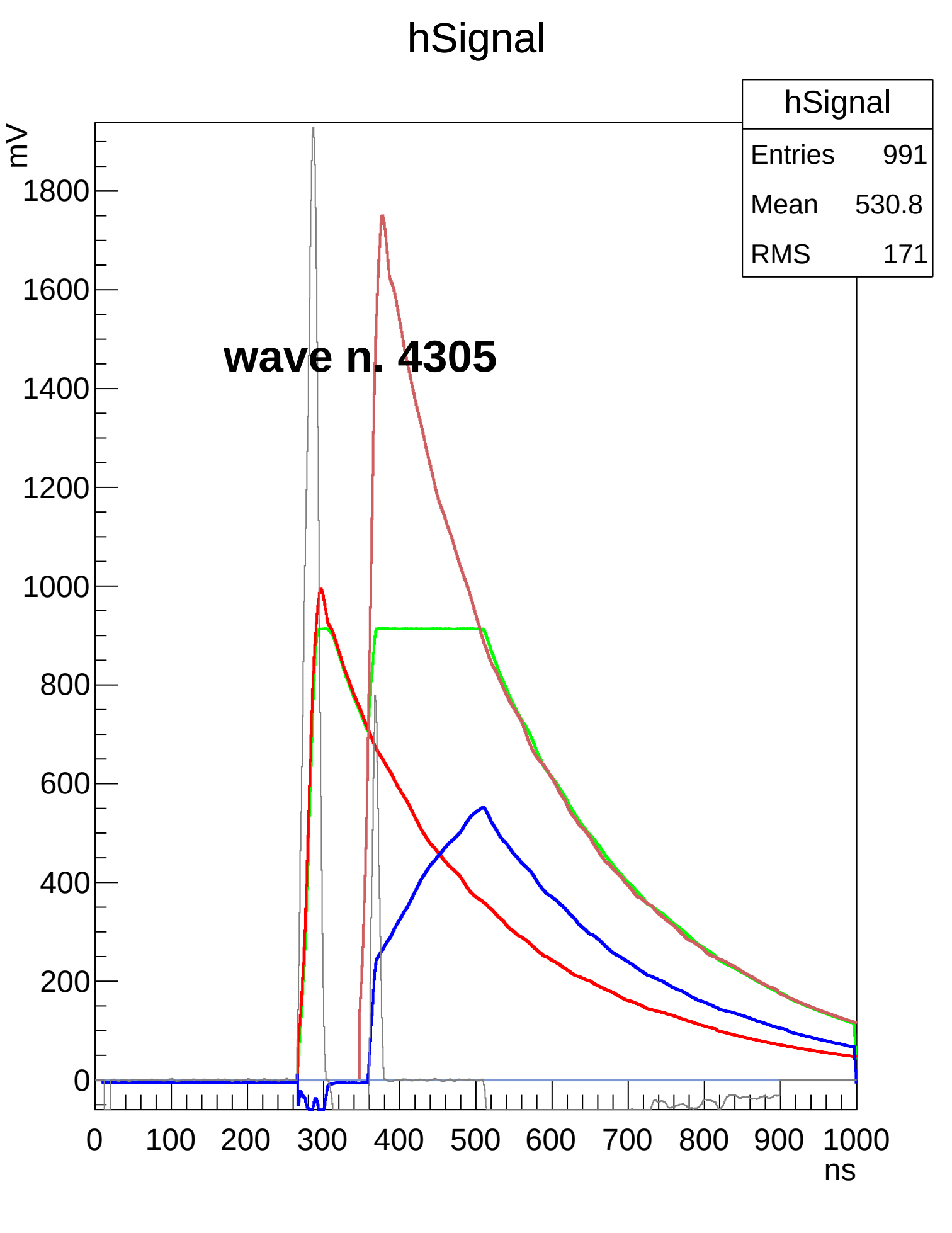
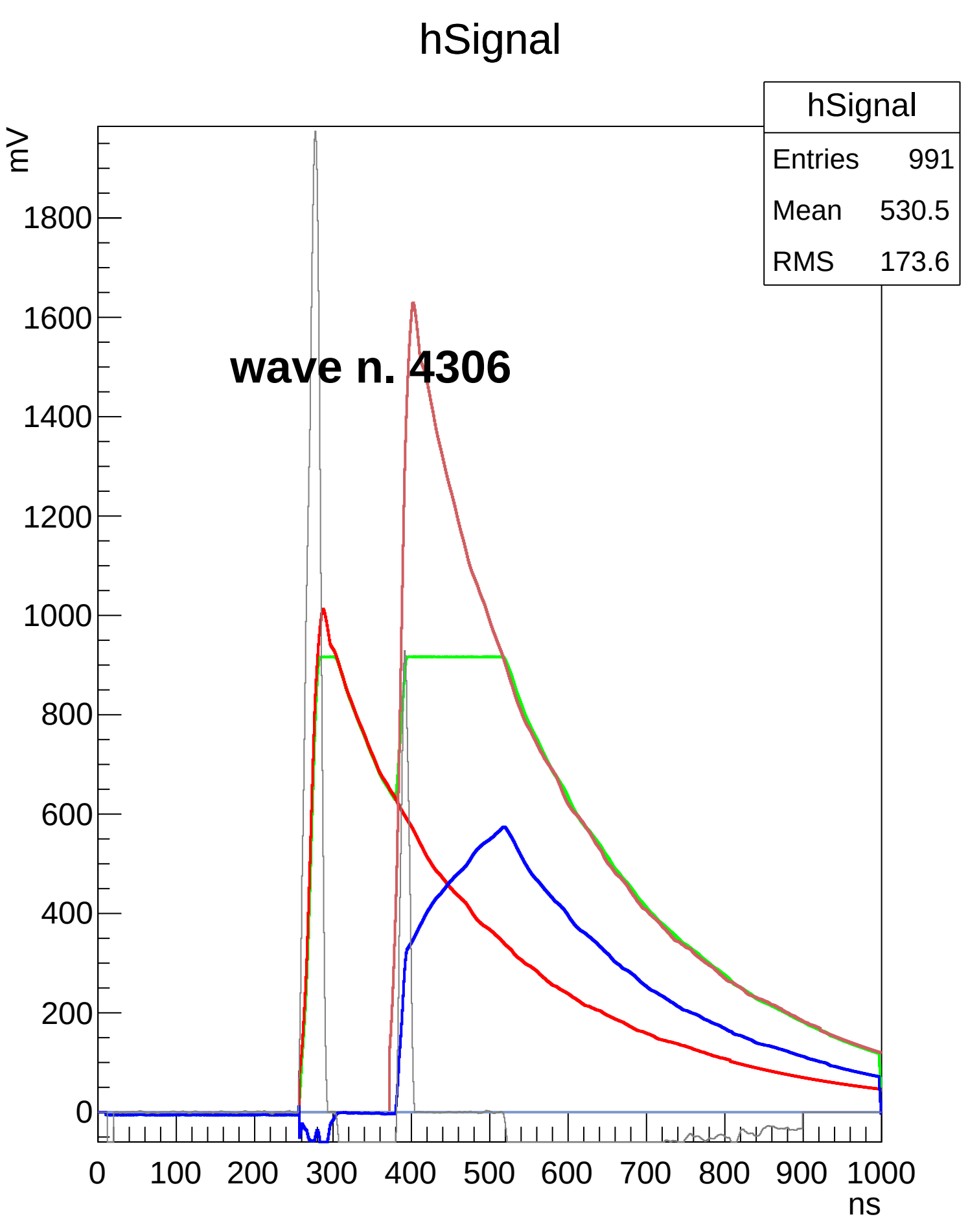
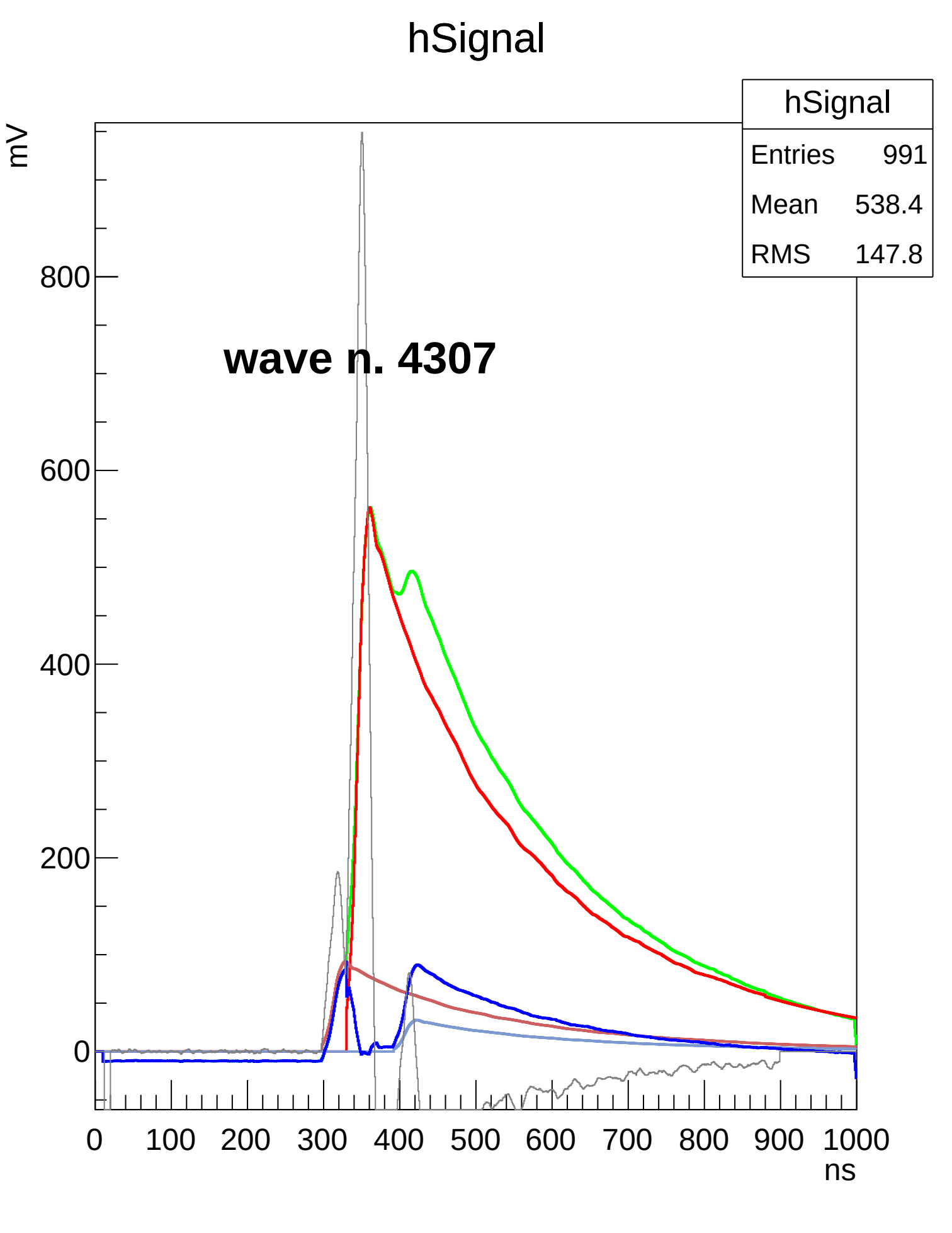
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.8
RMS 171
wave n. 4305
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 530.5
RMS 173.6
wave n. 4306
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 538.4
RMS 147.8
wave n. 4307
mV
800
600
400
200
0
0
100
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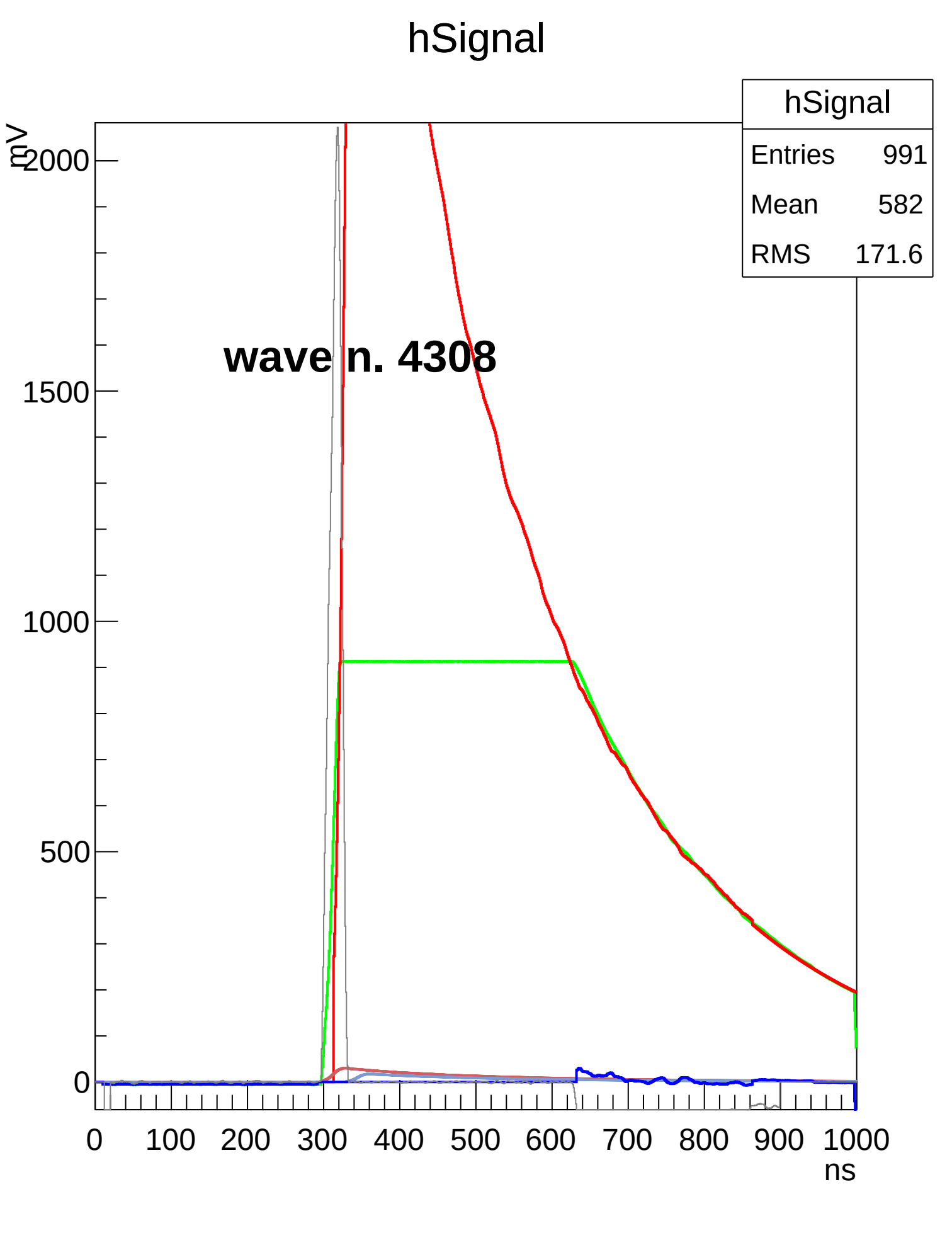
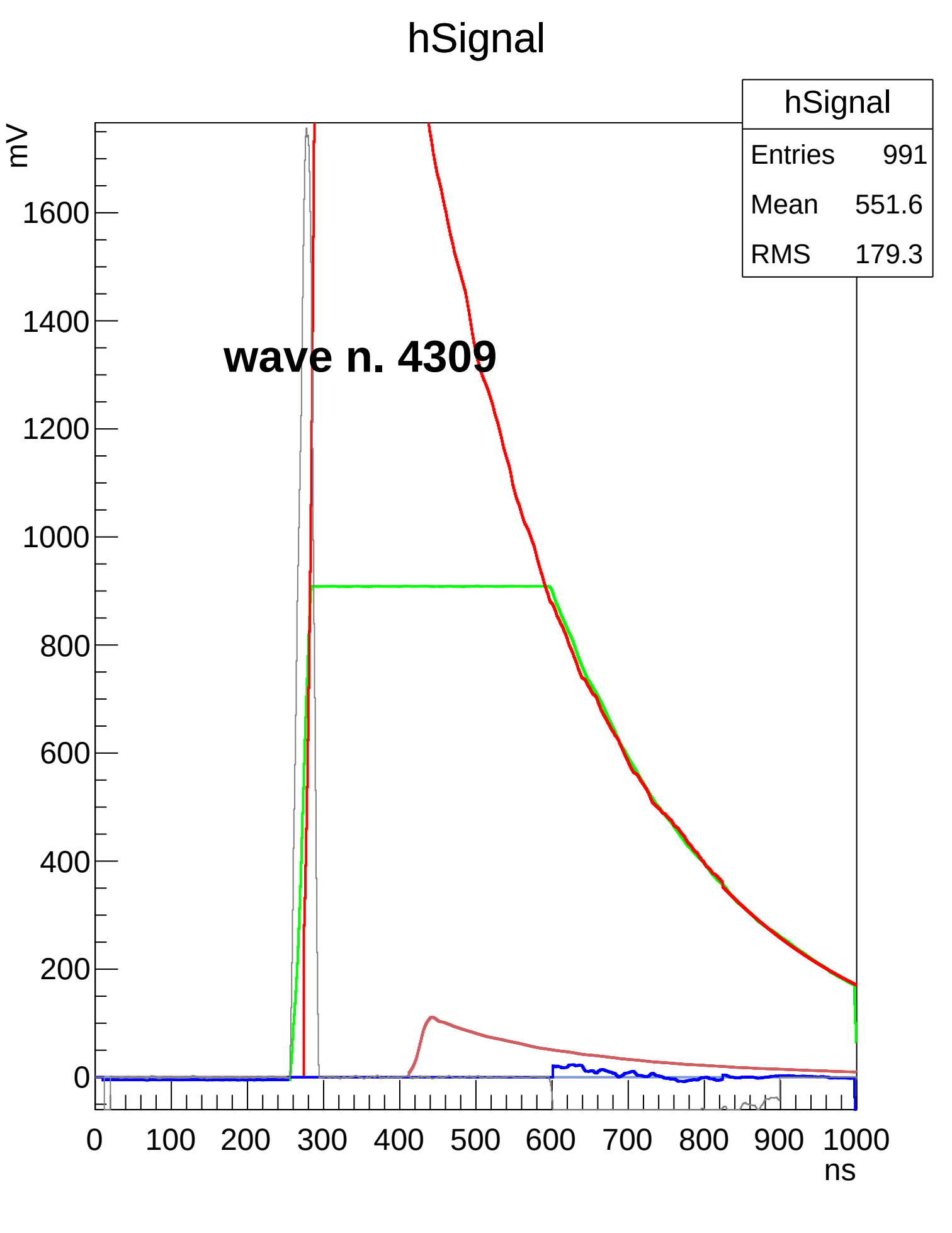
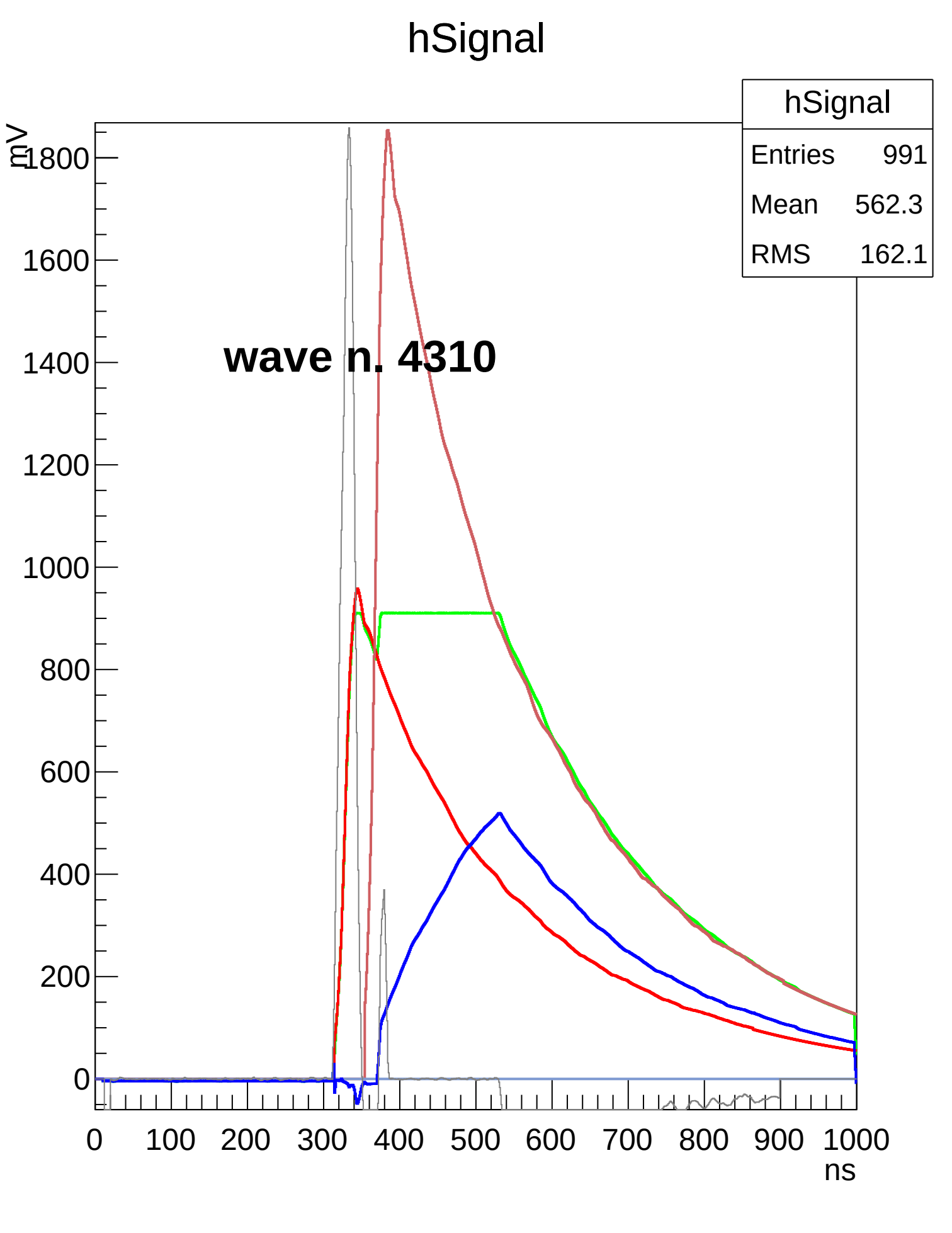
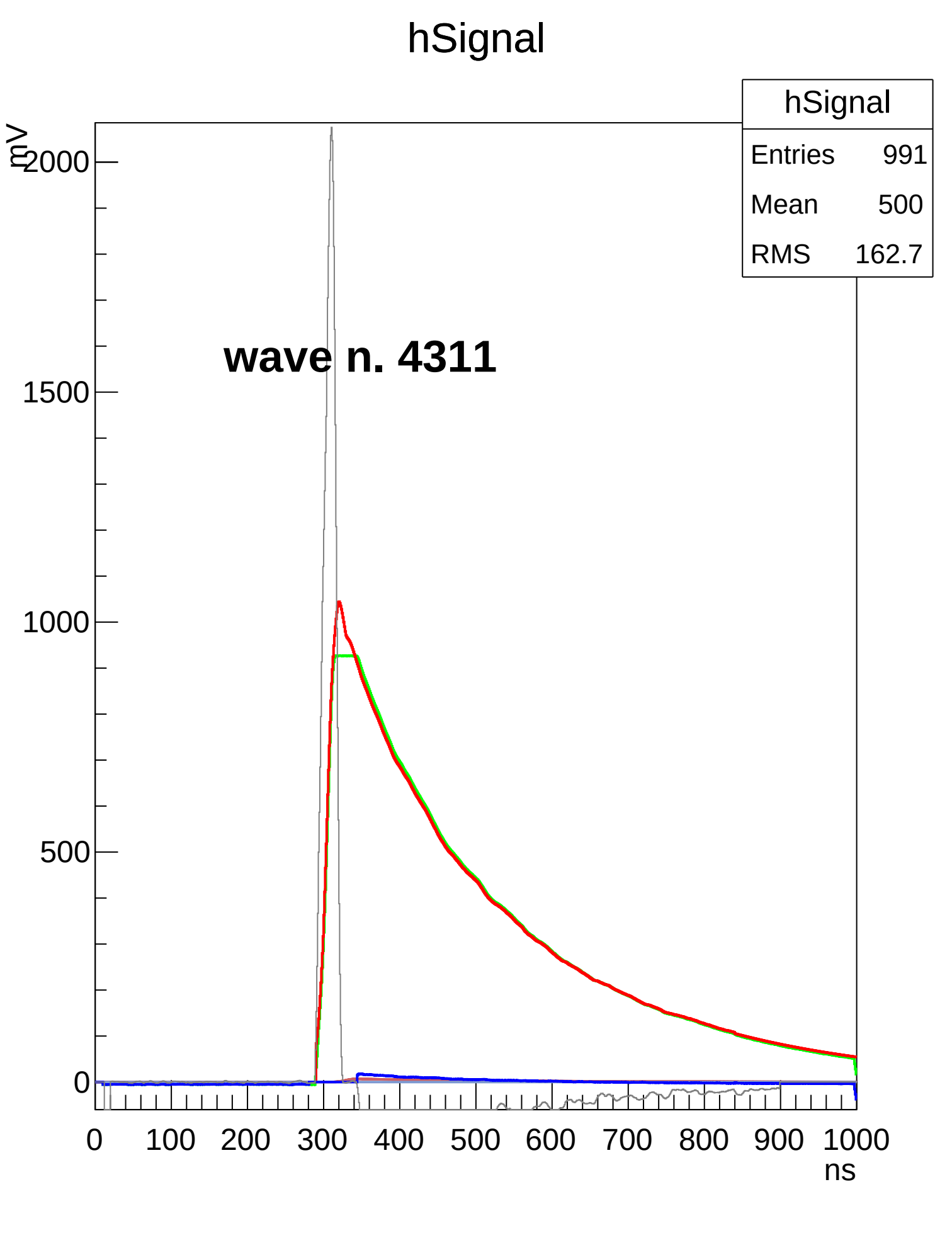
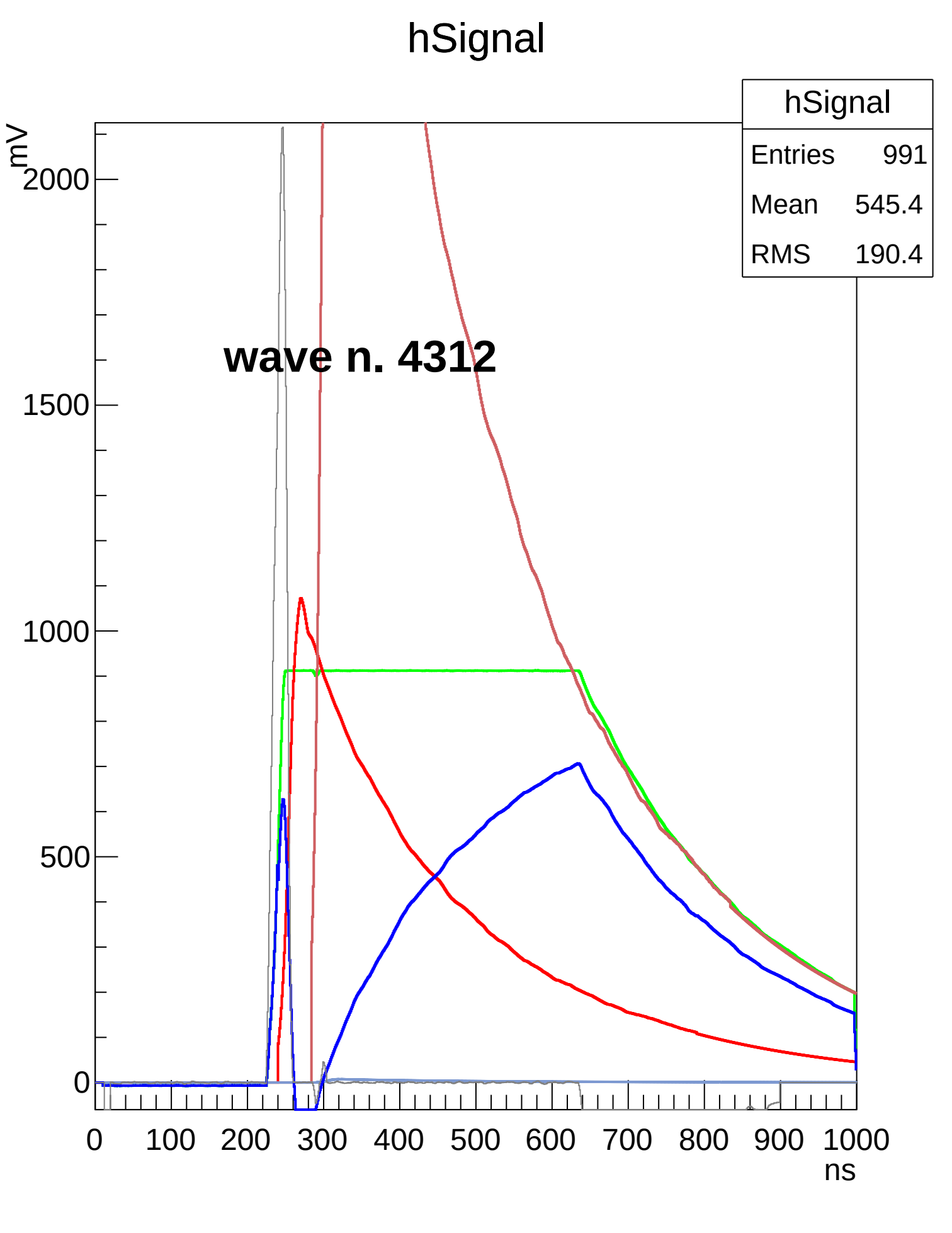
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 582
RMS 171.6
wave n. 4308
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 551.6
RMS 179.3
wave n. 4309
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 562.3
RMS 162.1
wave n. 4310
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 500
RMS 162.7
wave n. 4311
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 545.4
RMS 190.4
wave n. 4312
mV
2000
1500
1000
500
0
0
100
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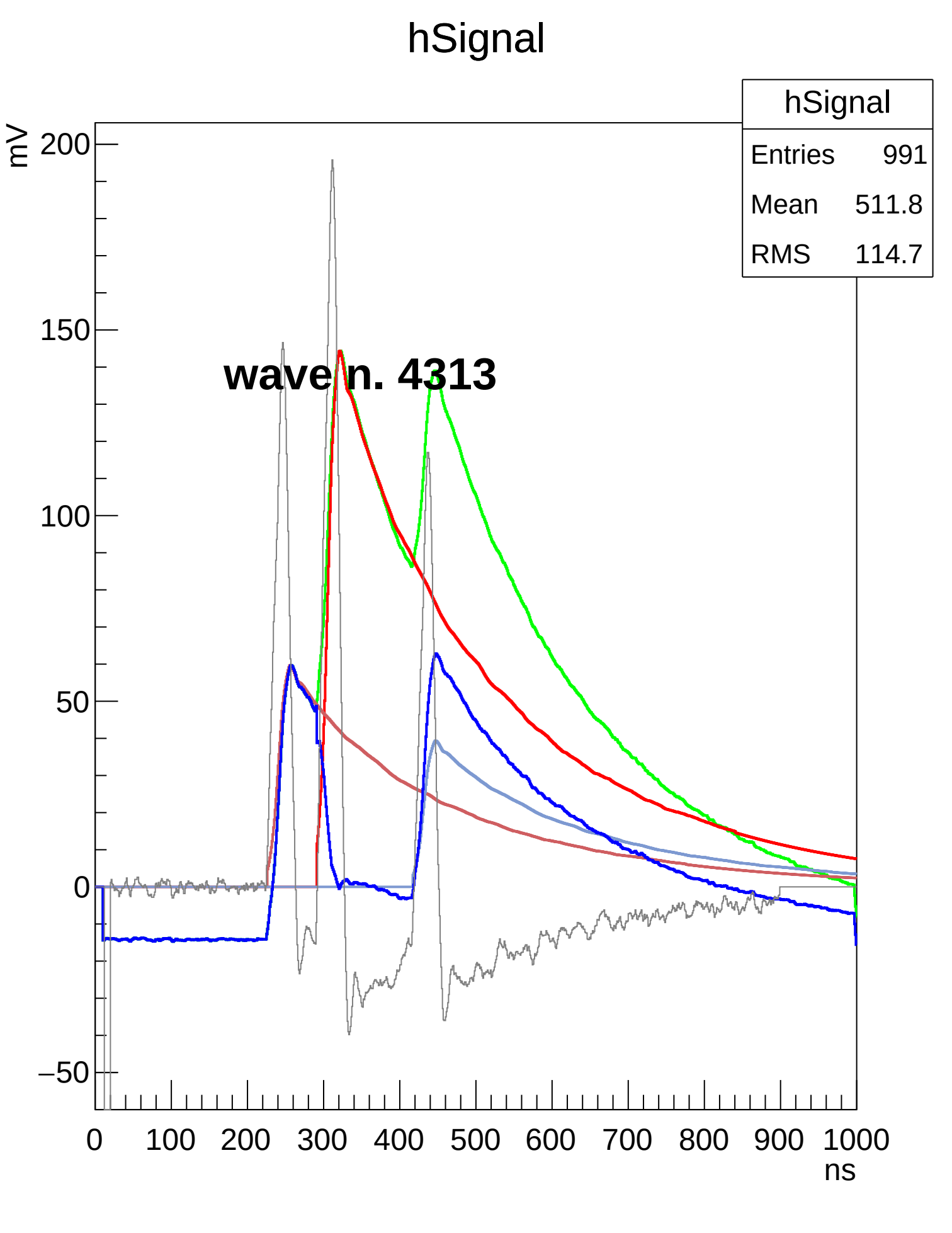
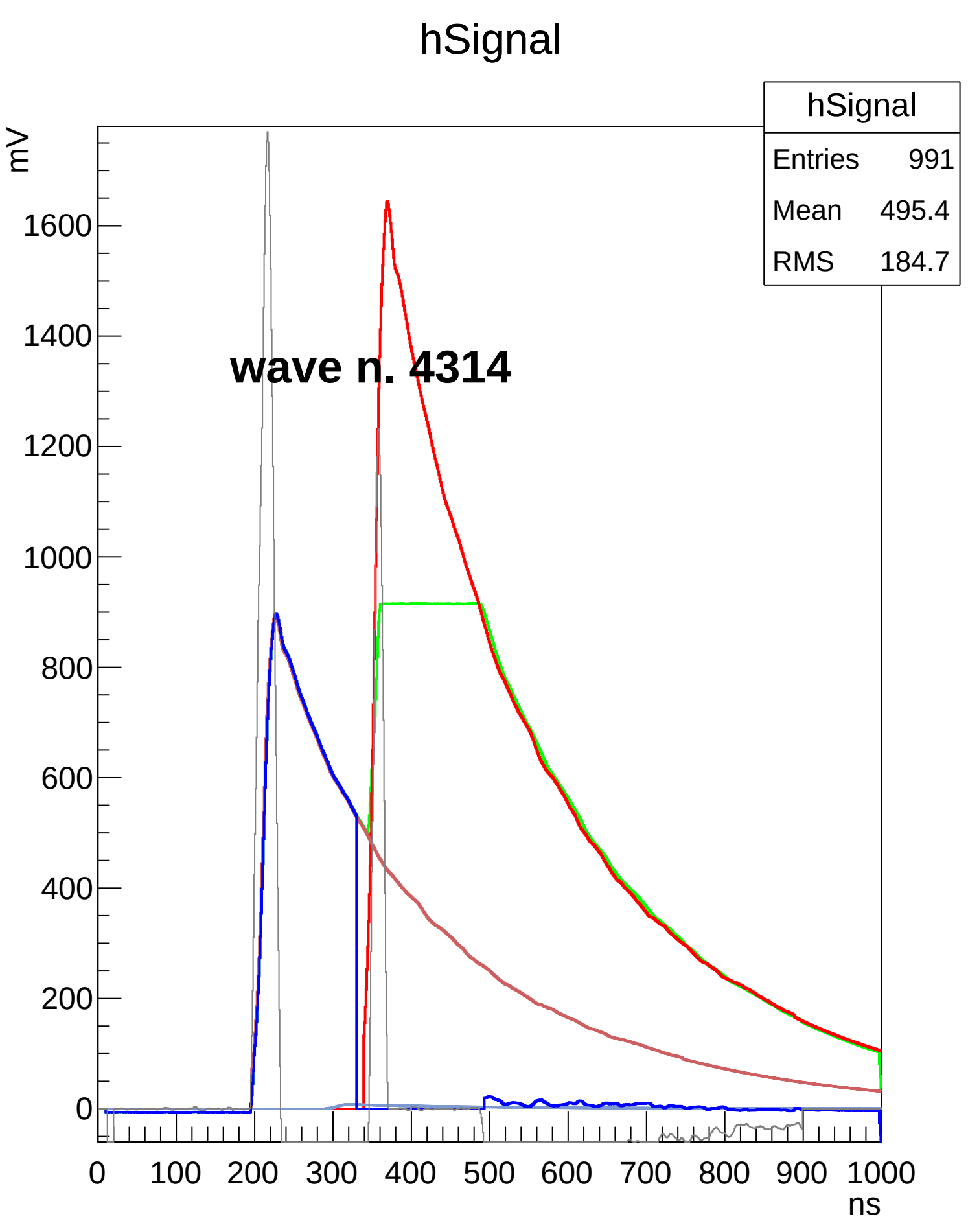
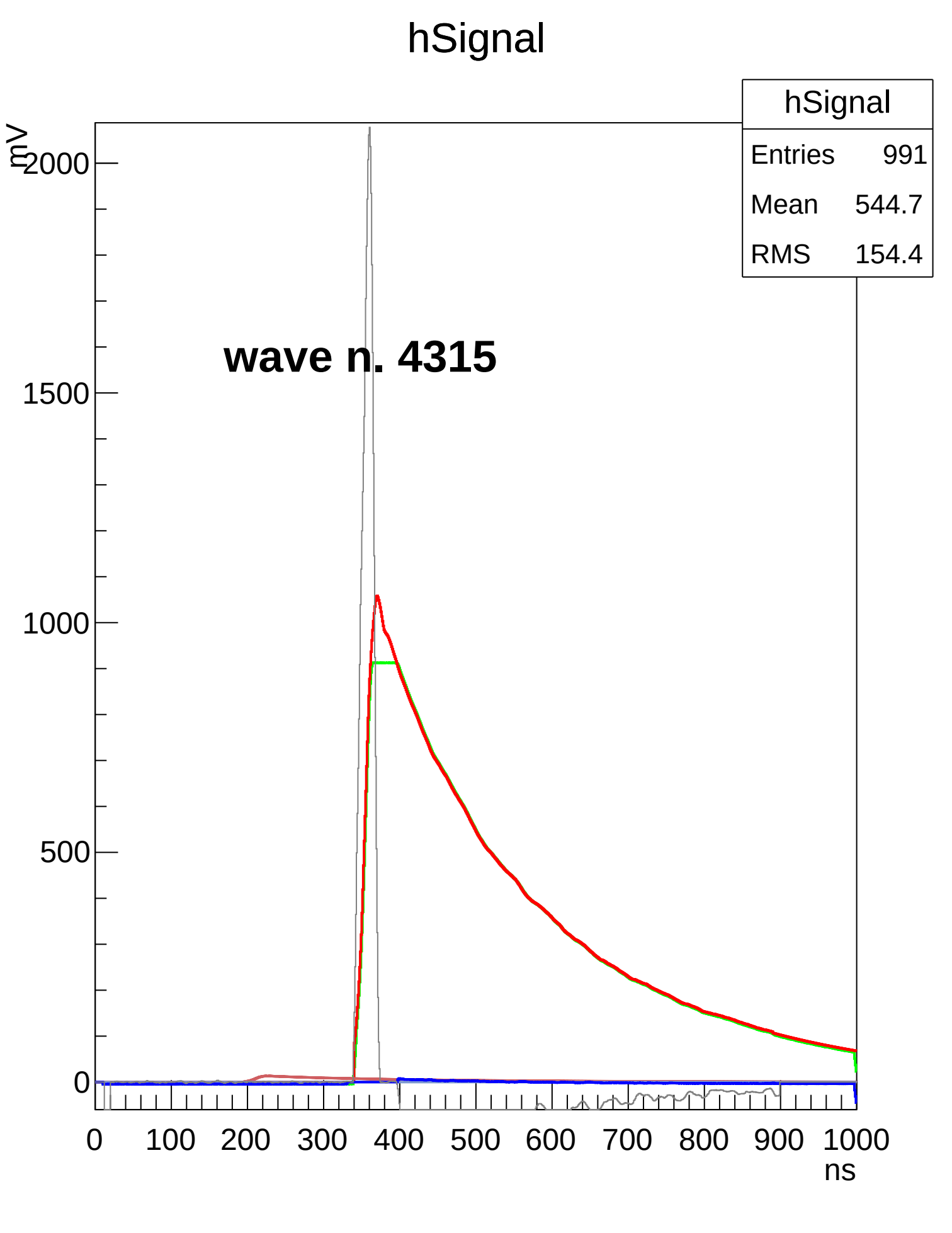
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 511.8
RMS 114.7
wave n. 4313
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 495.4
RMS 184.7
wave n. 4314
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 544.7
RMS 154.4
wave n. 4315
mV
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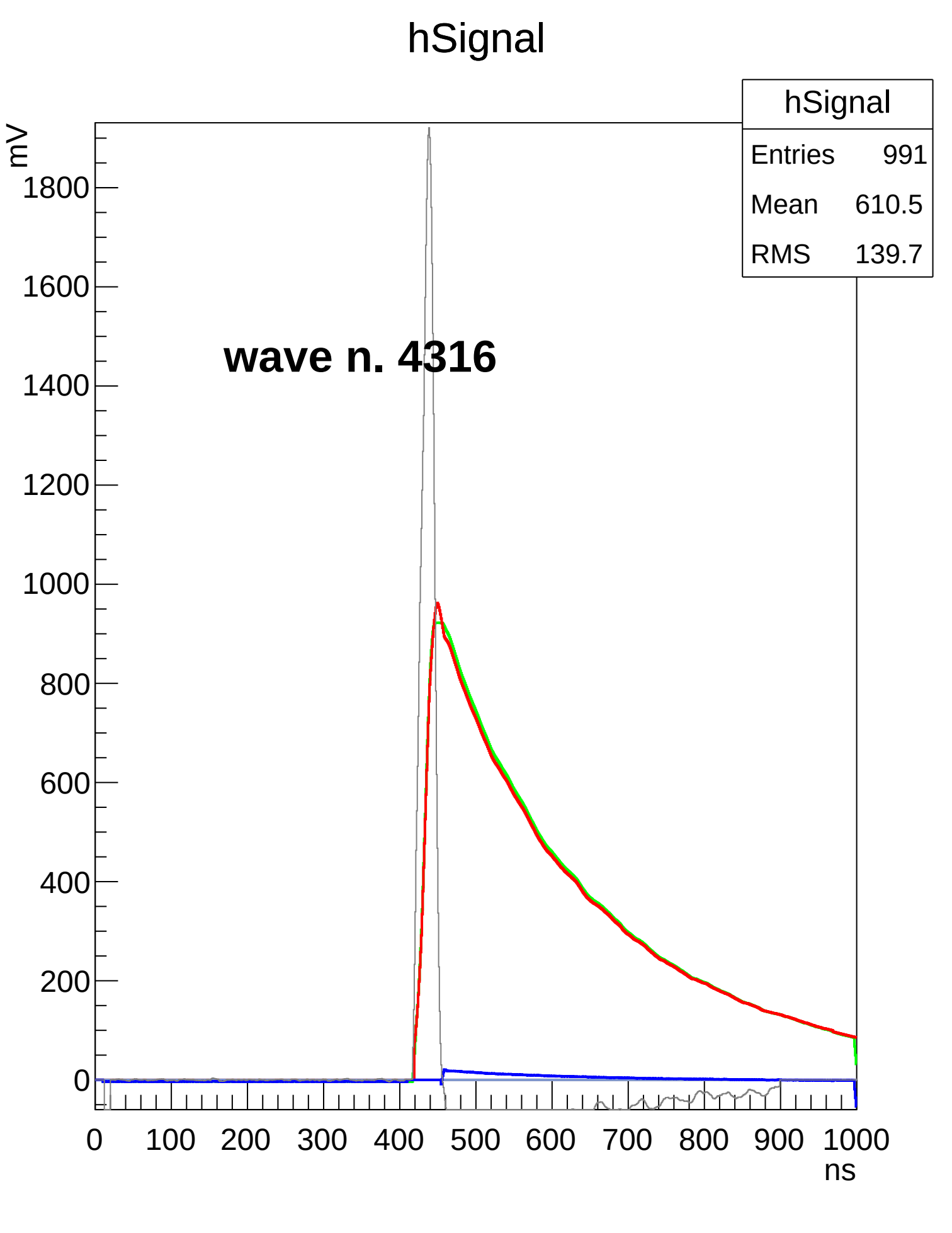
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 610.5
RMS 139.7
wave n. 4316
mV
1800
1600
1400
1200
1000
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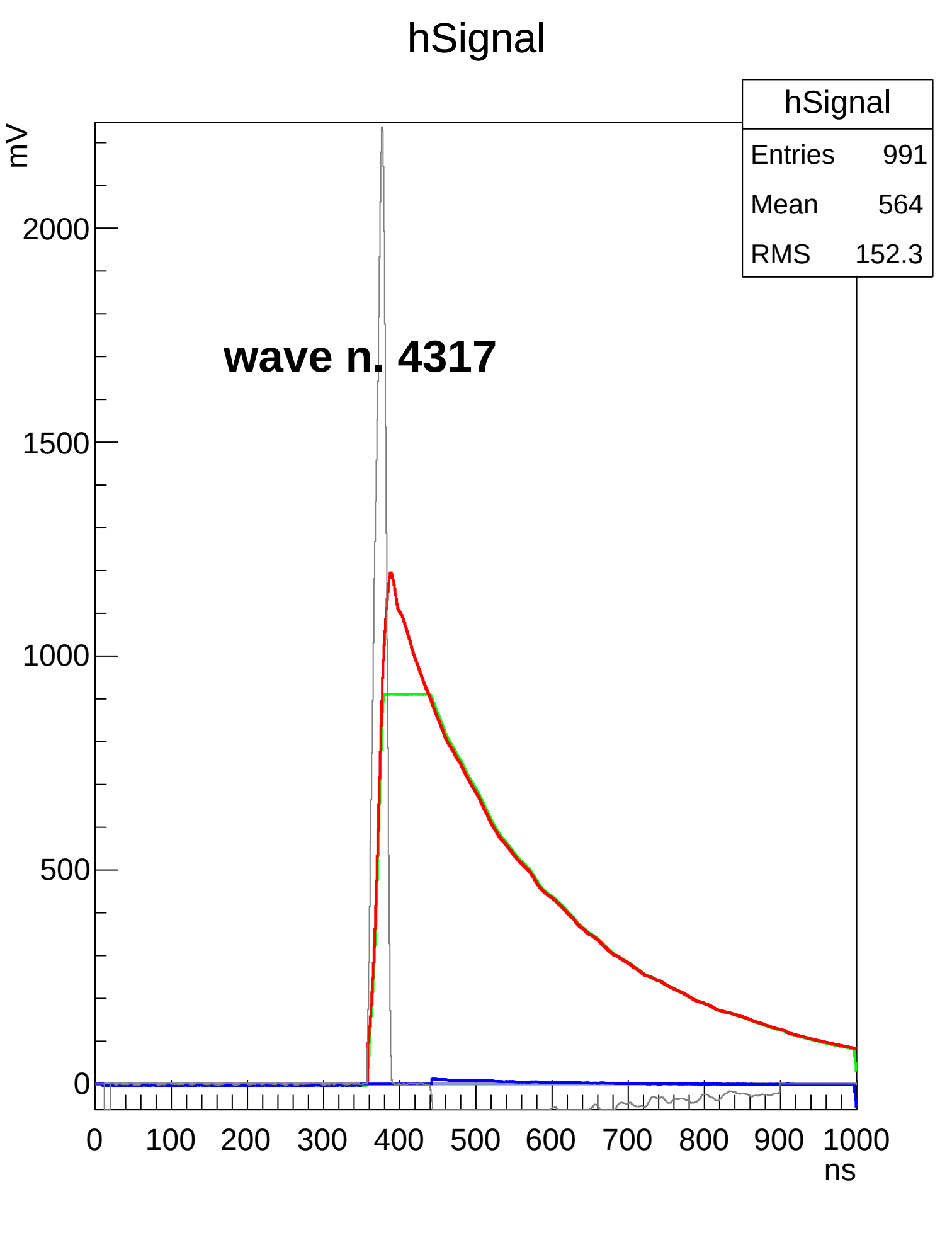
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 564
RMS 152.3
wave n. 4317
mV
2000
1500
1000
500
0
0
100
200
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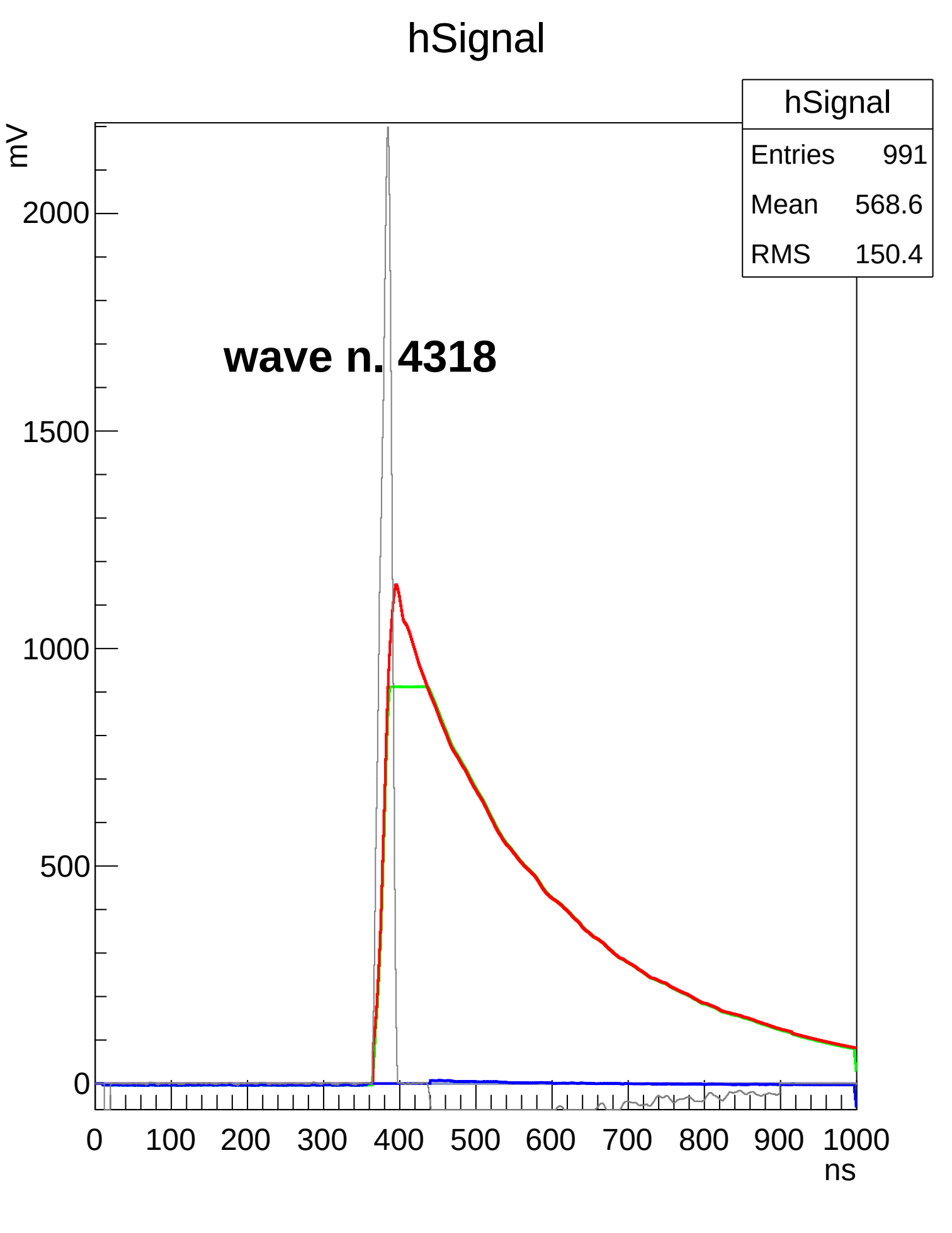
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 568.6
RMS 150.4
wave n. 4318
mV
2000
1500
1000
500
0
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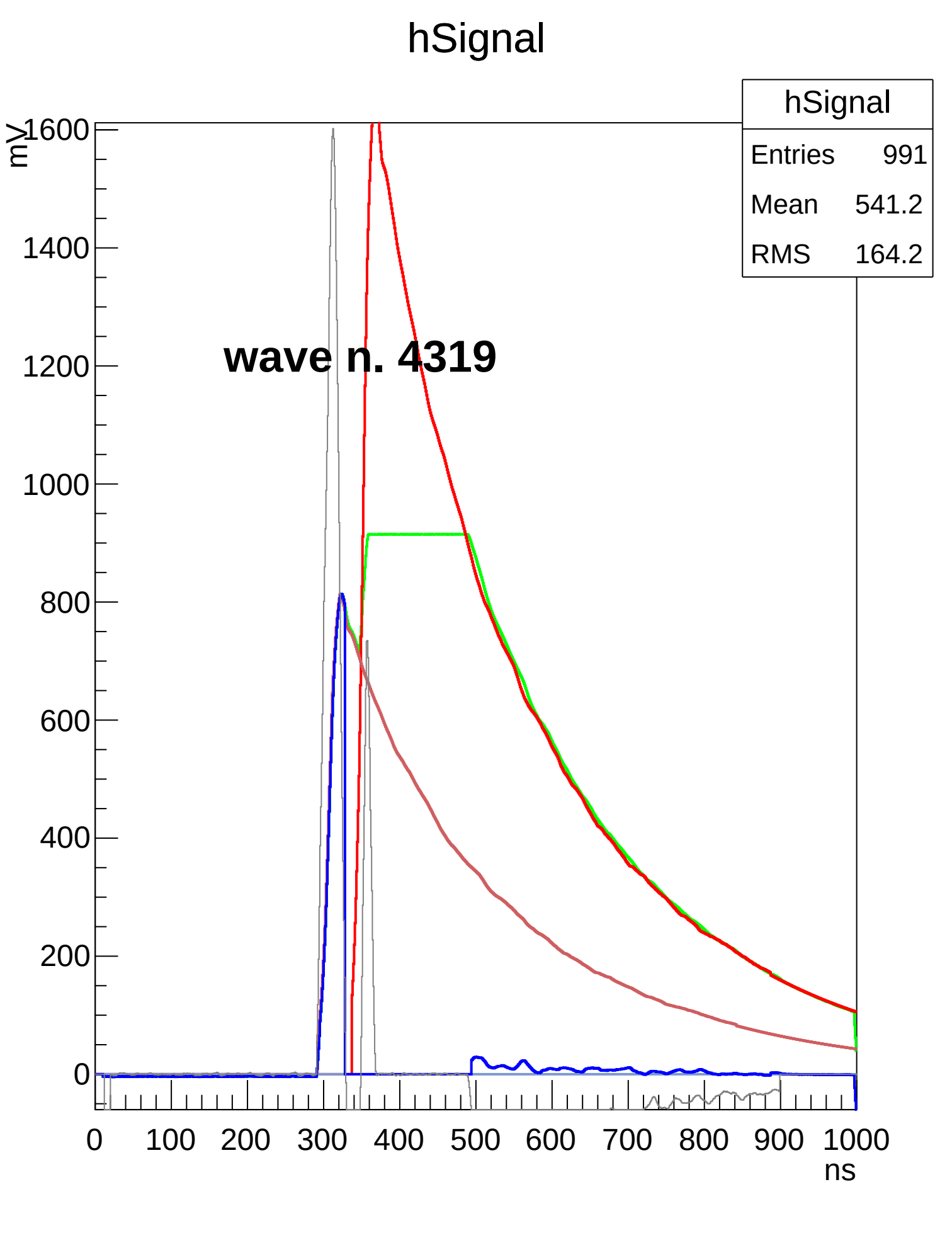
ns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hSignal
Entries 991
Mean 541.2
RMS 164.2
wave n. 4319
mV
1600
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600
400
200
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0
100
200
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400
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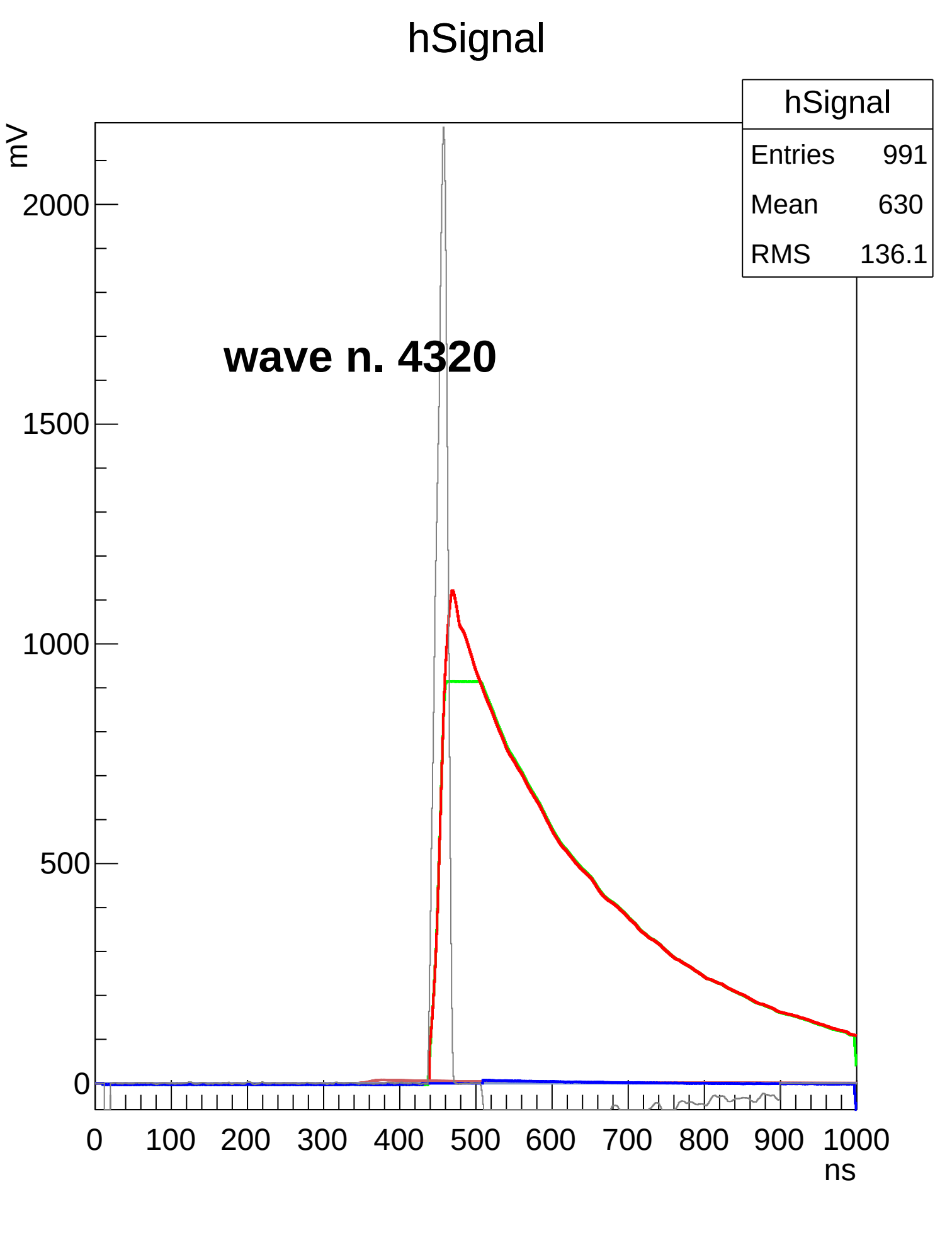
1000
ns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hSignal
Entries 991
Mean 630
RMS 136.1
wave n. 4320
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0
0
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400
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900
1000
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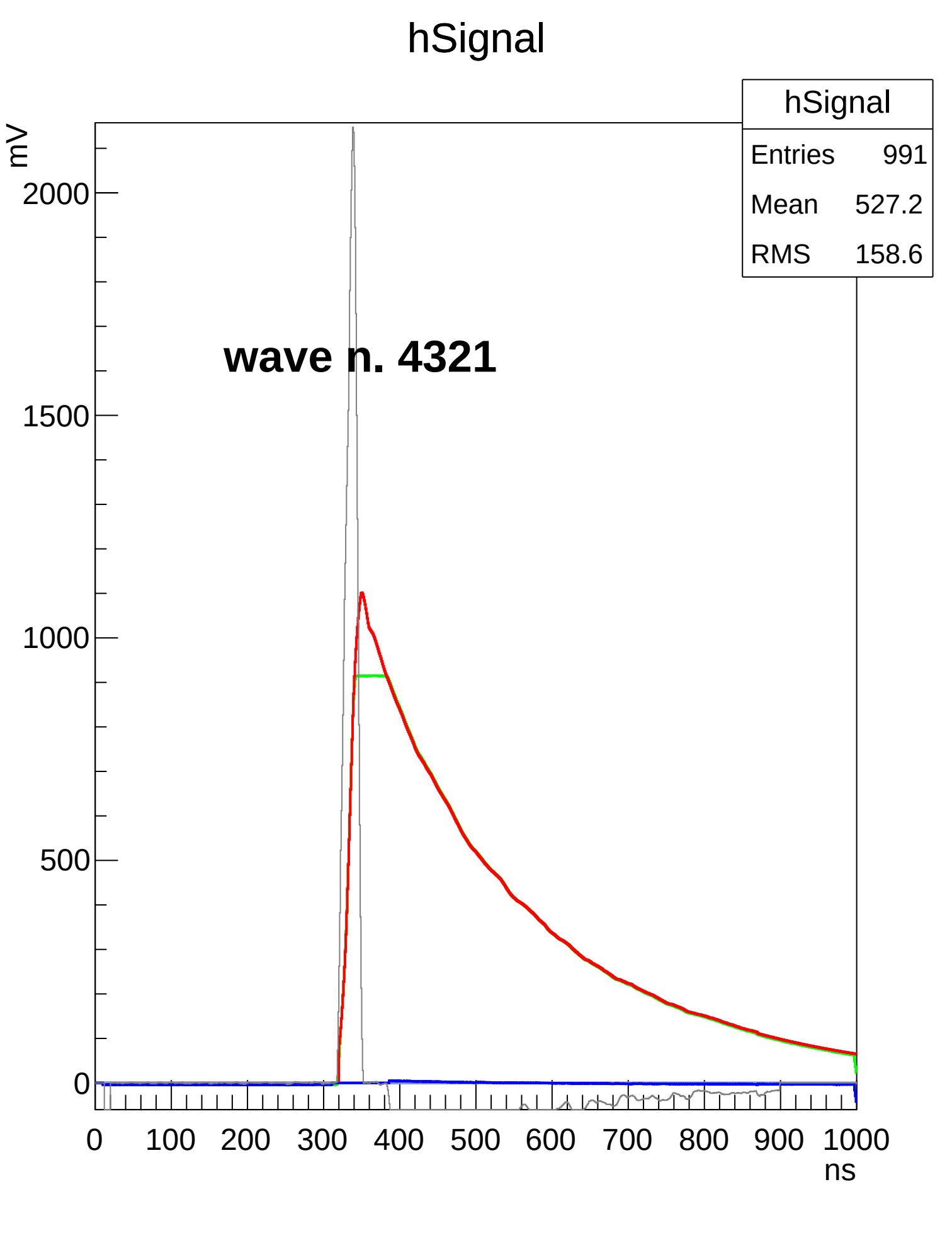
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hSignal
Entries 991
Mean 527.2
RMS 158.6
wave n. 4321
mV
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1000
500
0
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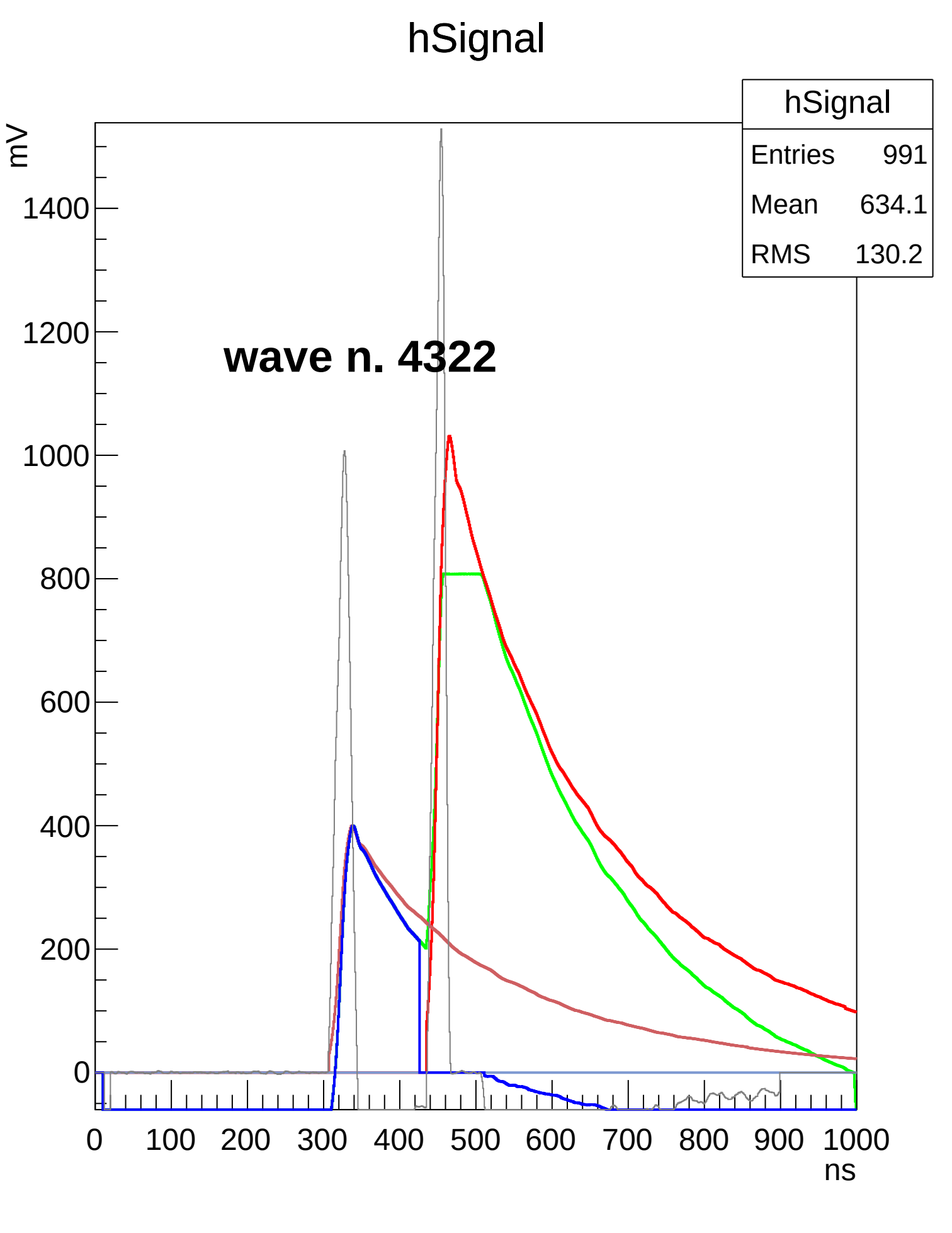
ns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hSignal
Entries 991
Mean 634.1
RMS 130.2
wave n. 4322
mV
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600
400
200
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0
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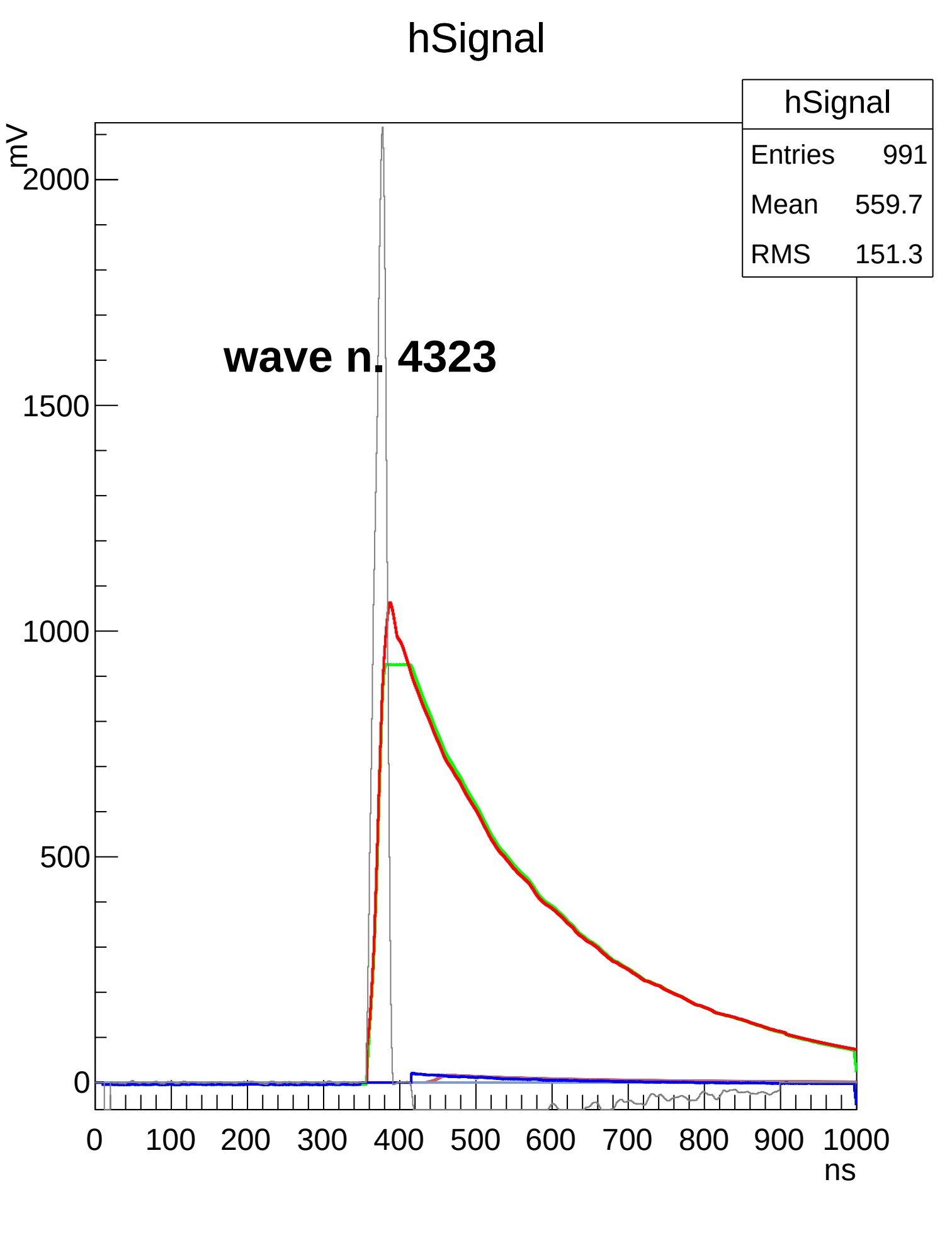
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 559.7
RMS 151.3
wave n. 4323
mV
2000
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1000
500
0
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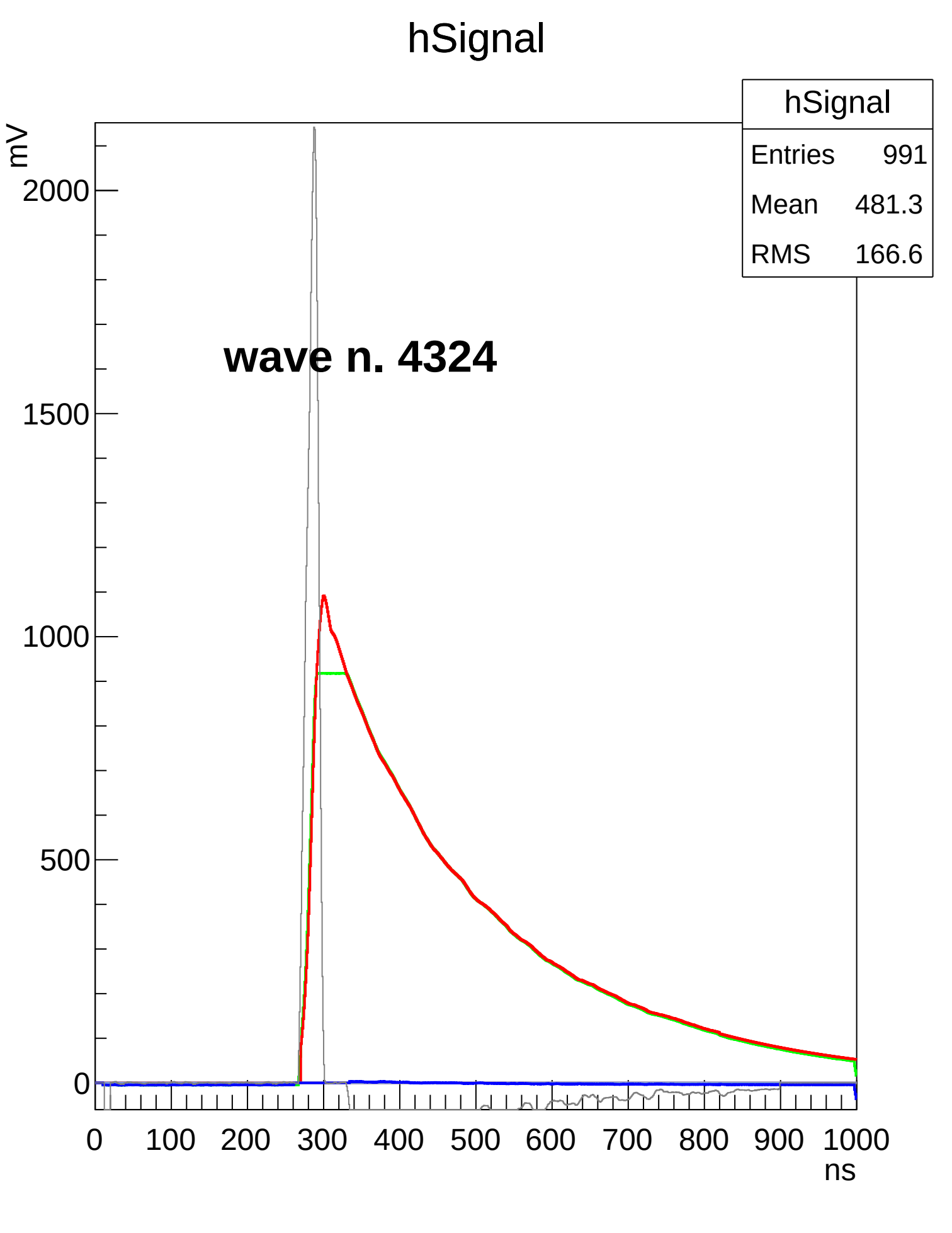
ns


hSignal
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Entries 991
Mean 481.3
RMS 166.6
wave n. 4324
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500
0
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400
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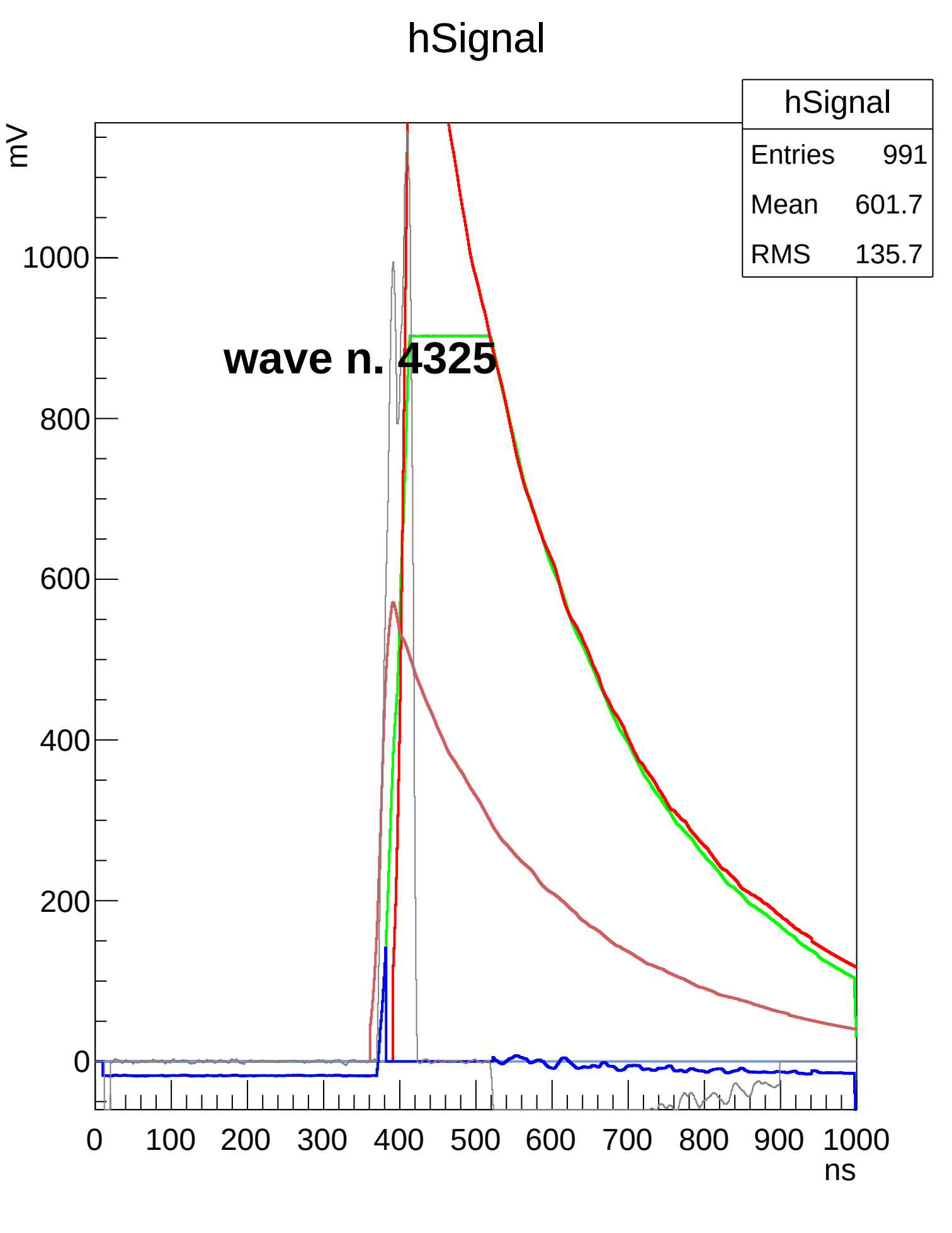
800
900
1000
ns


hSignal
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Entries 991
Mean 601.7
RMS 135.7
wave n. 4325
mV
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600
400
200
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400
500
600
700
800
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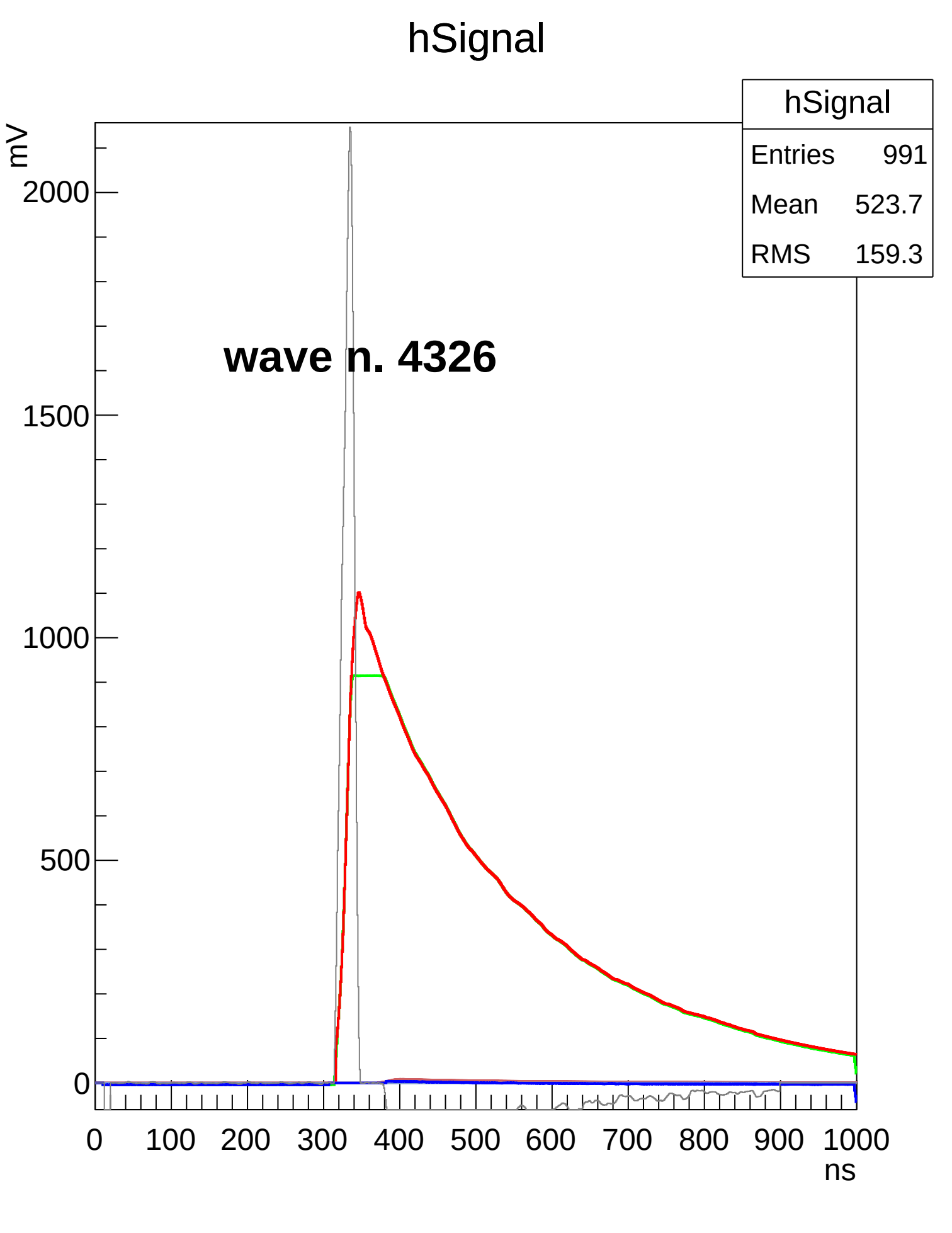
1000
ns


hSignal
hSignal
Entries 991
Mean 523.7
RMS 159.3
wave n. 4326
mV
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1500
1000
500
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400
500
600
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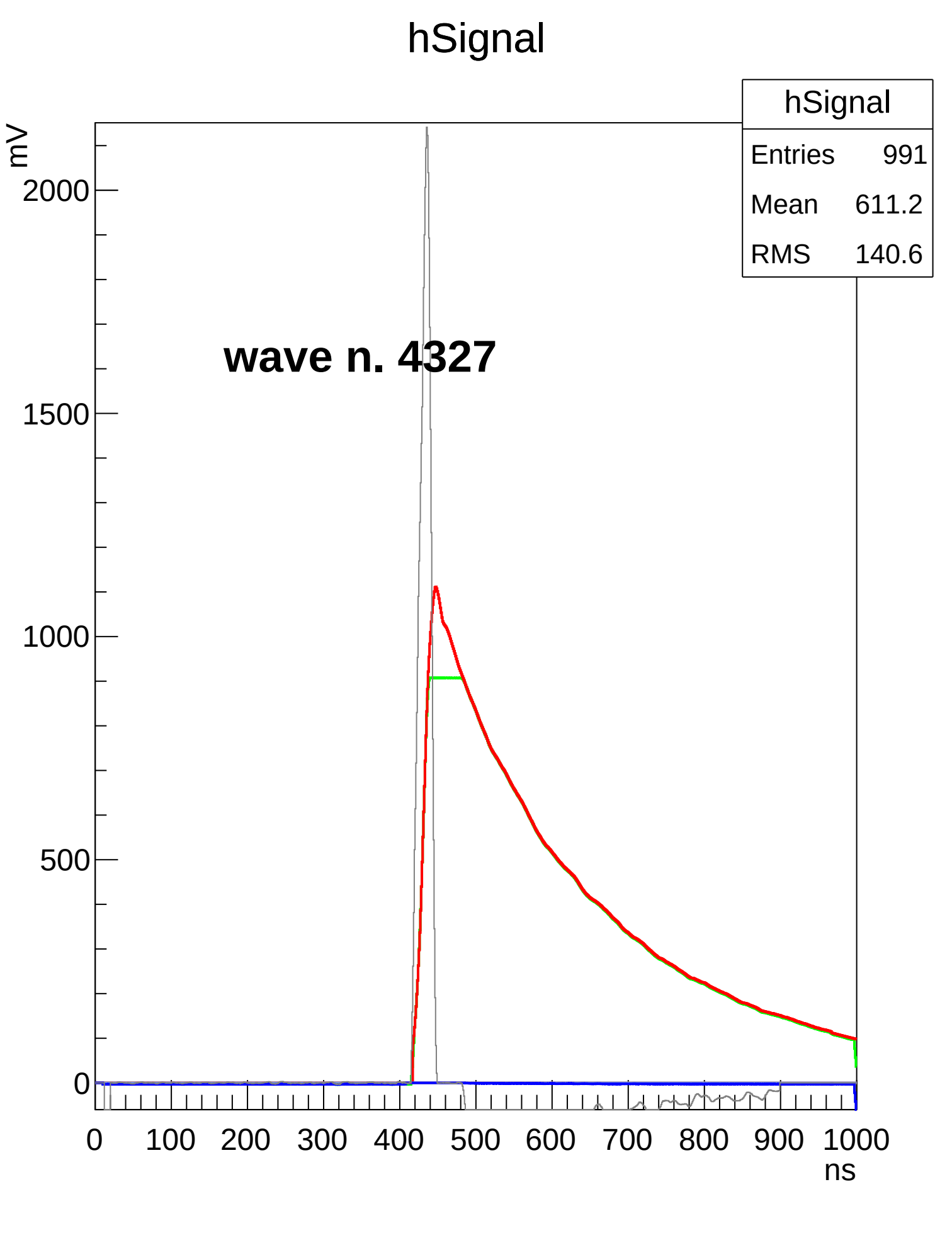
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 611.2
RMS 140.6
wave n. 4327
mV
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1500
1000
500
0
0
100
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400
500
600
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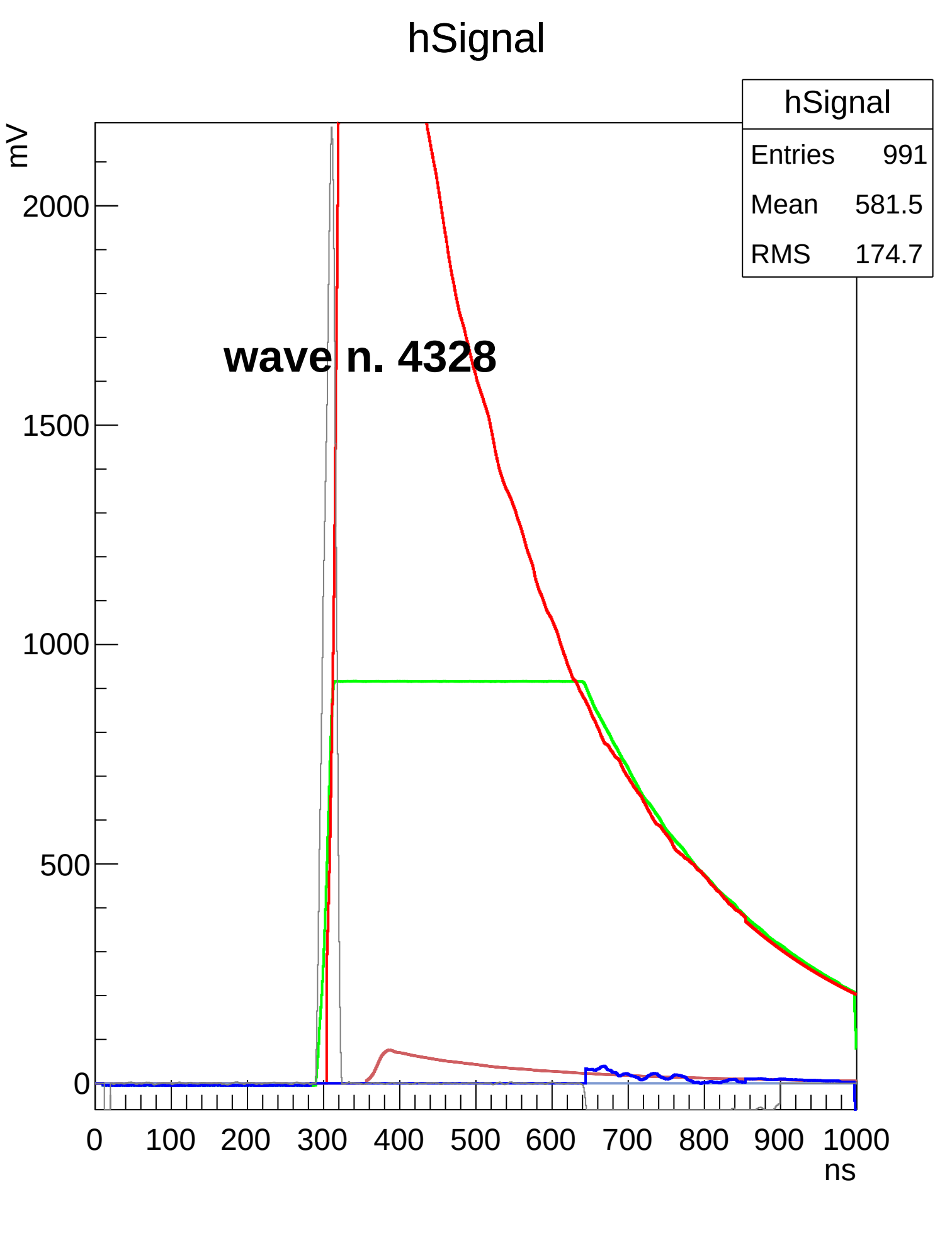
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 581.5
RMS 174.7
wave n. 4328
mV
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1500
1000
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100
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800
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1000
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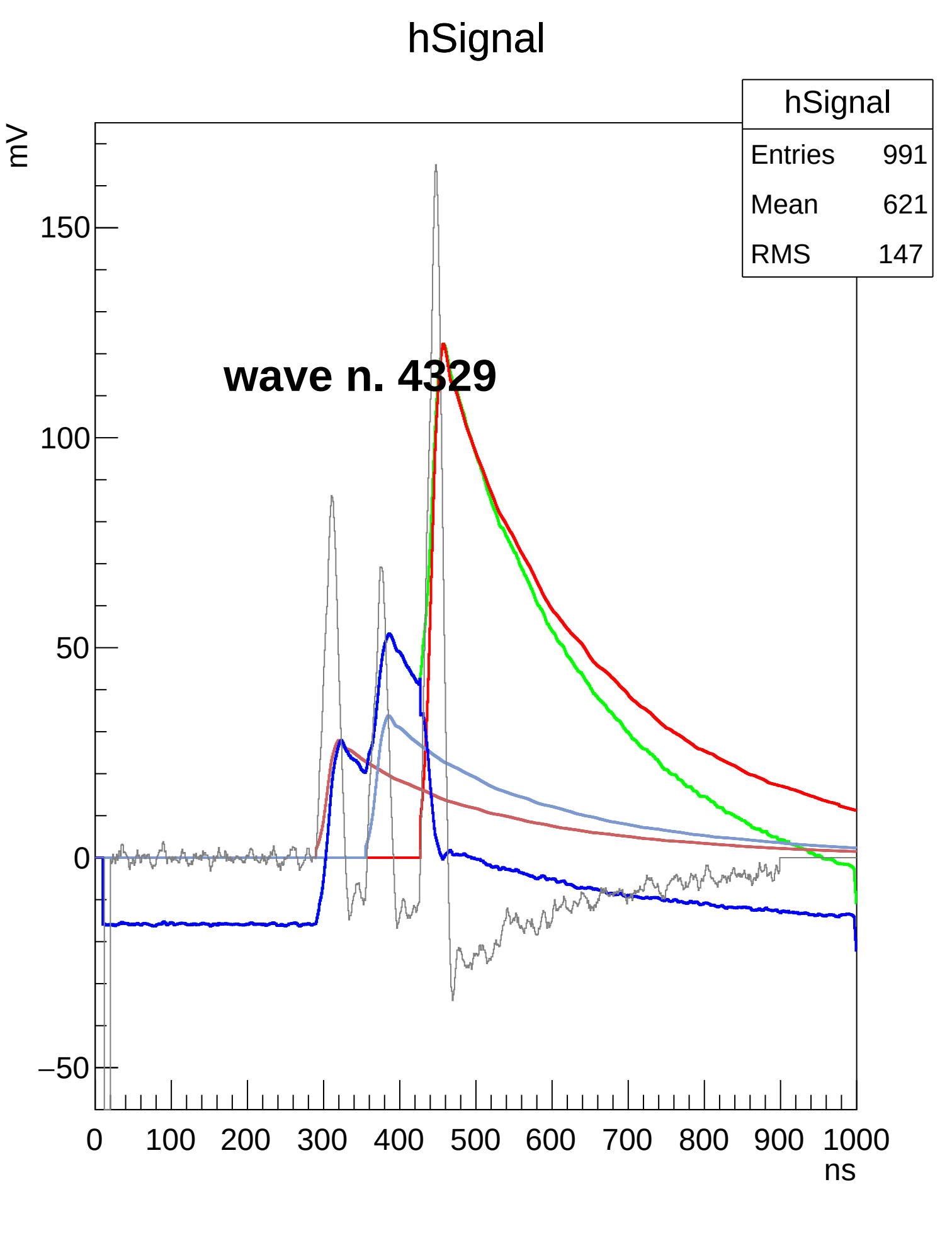
hSignal
hSignal
Entries 991
Mean 621
RMS 147
wave n. 4329
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50
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400
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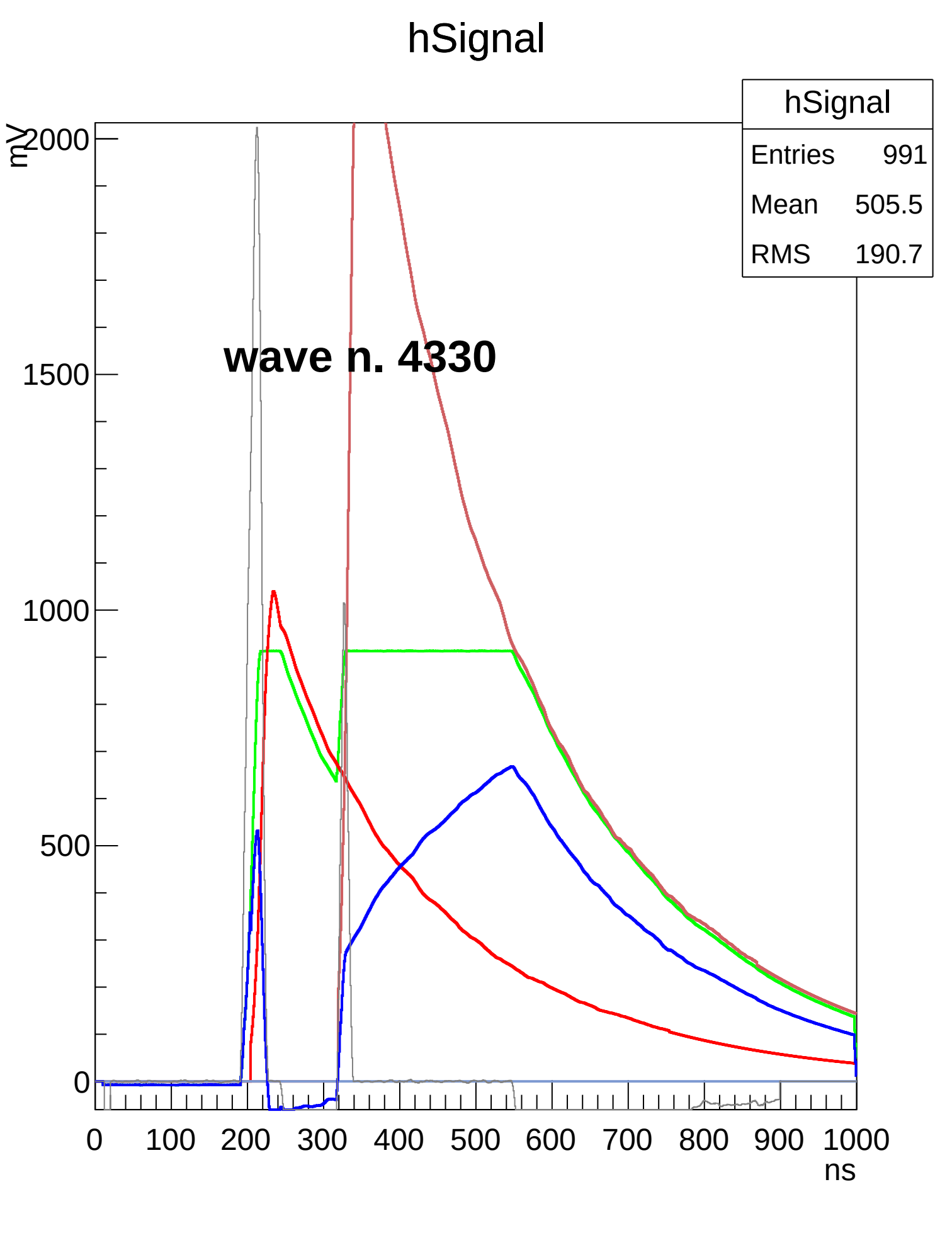
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.5
RMS 190.7
wave n. 4330
mV
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1500
1000
500
0
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100
200
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400
500
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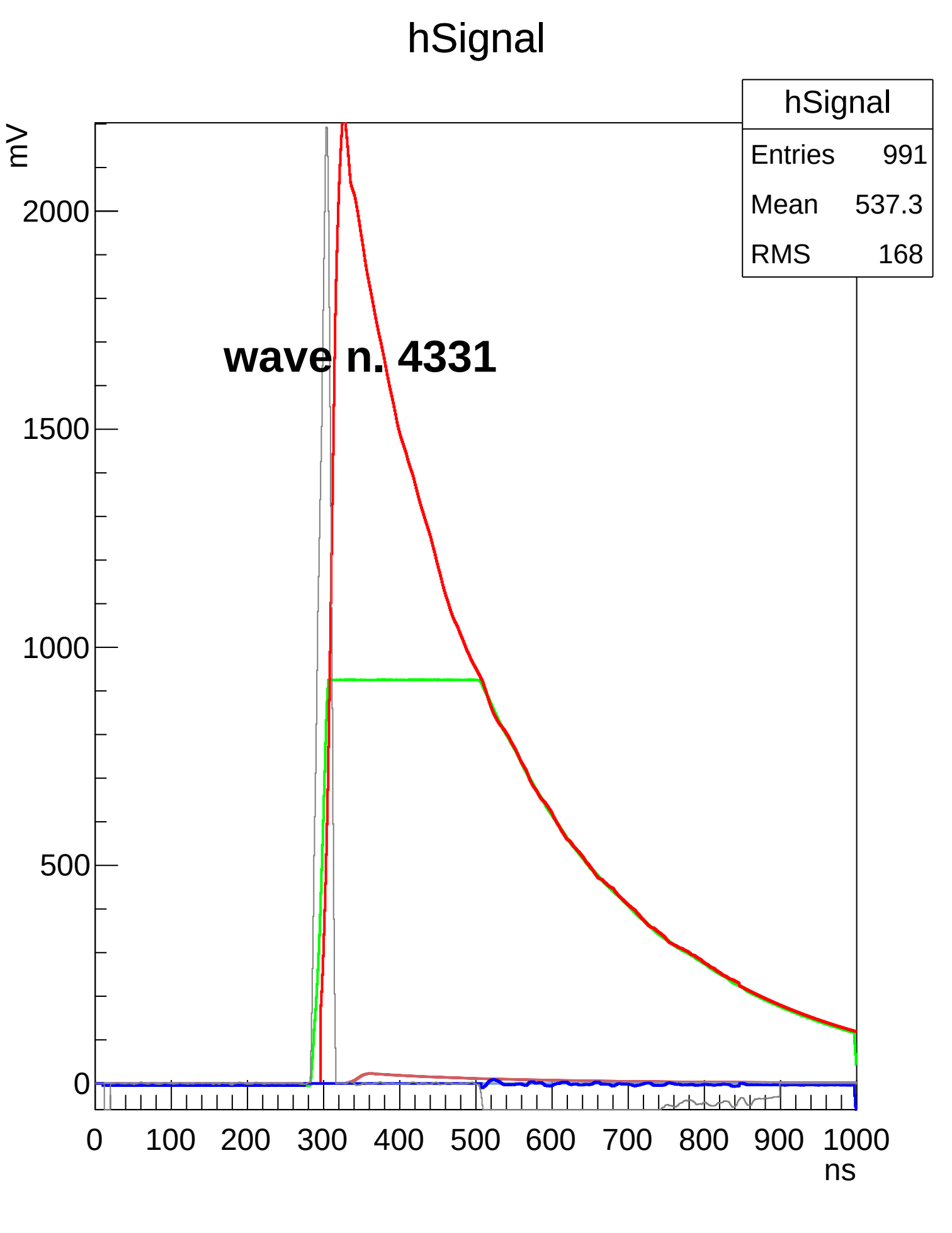
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 537.3
RMS 168
wave n. 4331
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800
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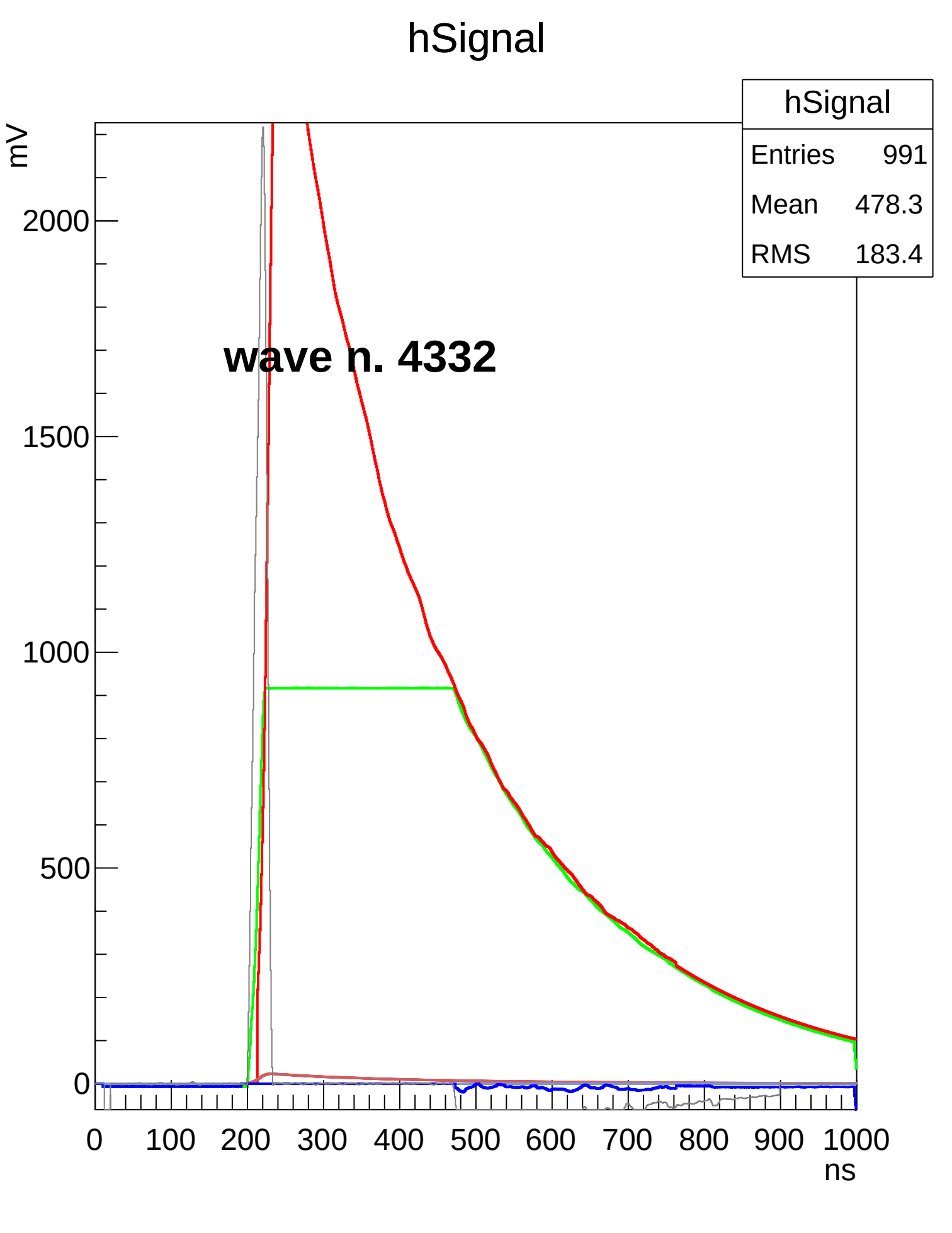
1000
ns


hSignal
hSignal
Entries 991
Mean 478.3
RMS 183.4
wave n. 4332
mV
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1500
1000
500
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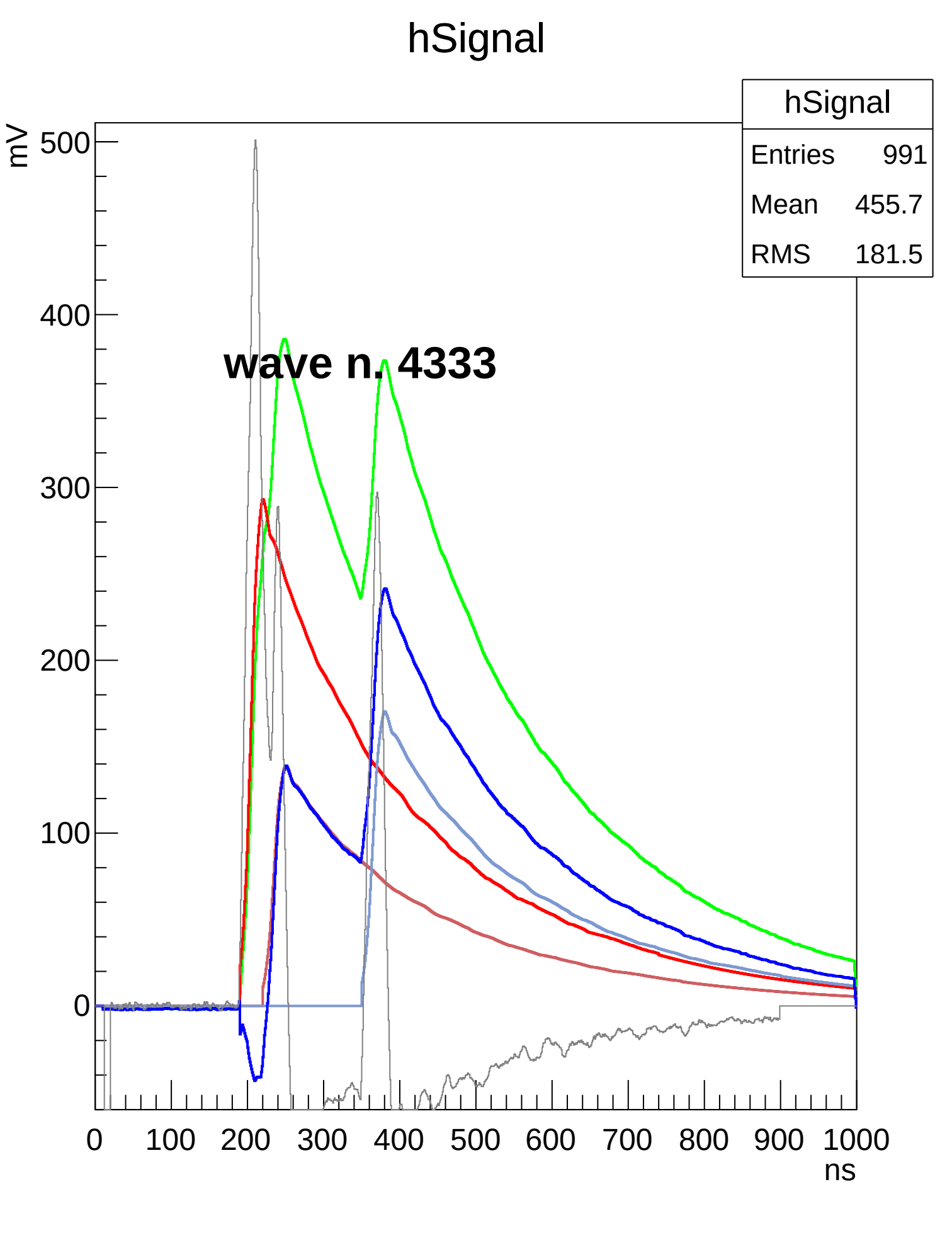
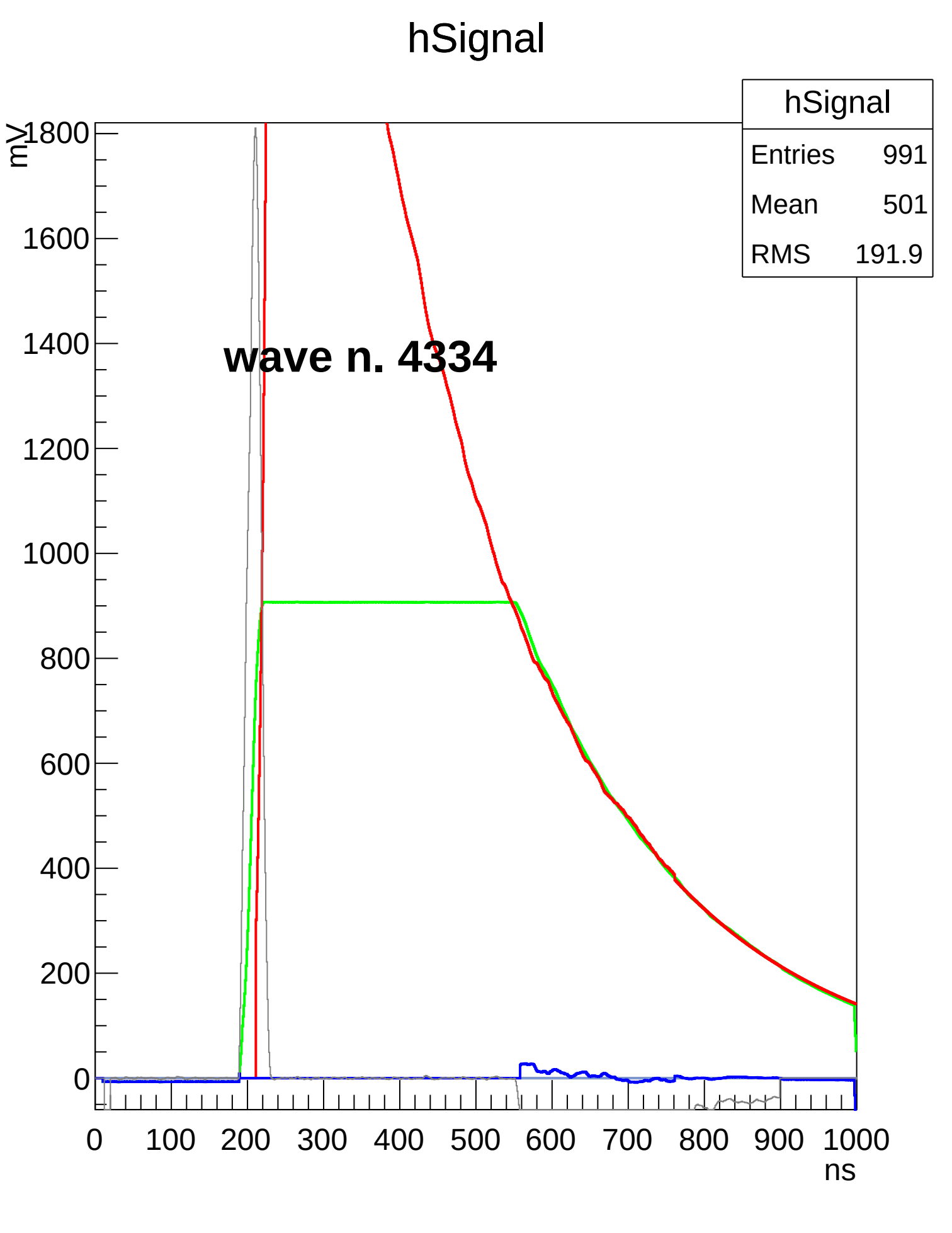
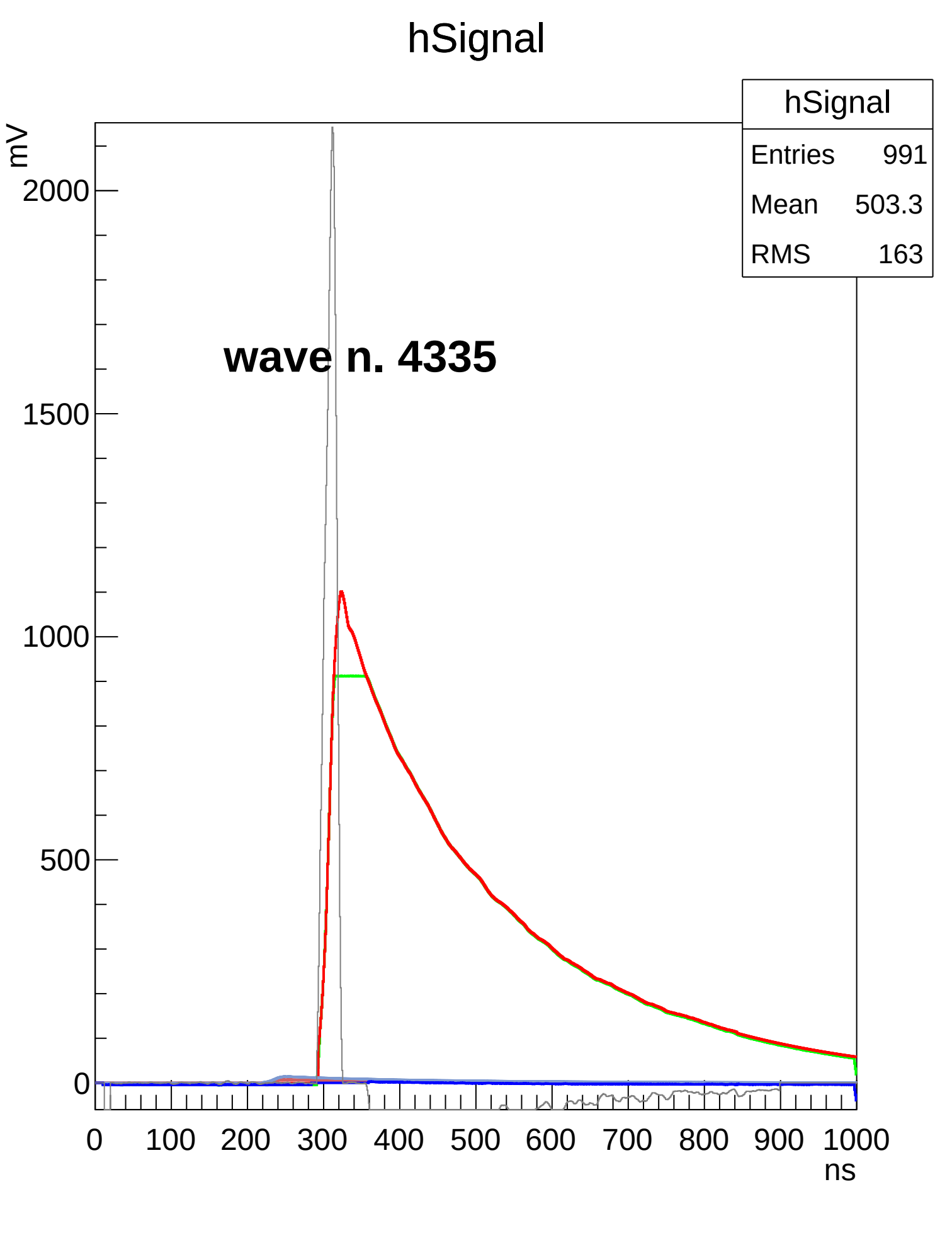
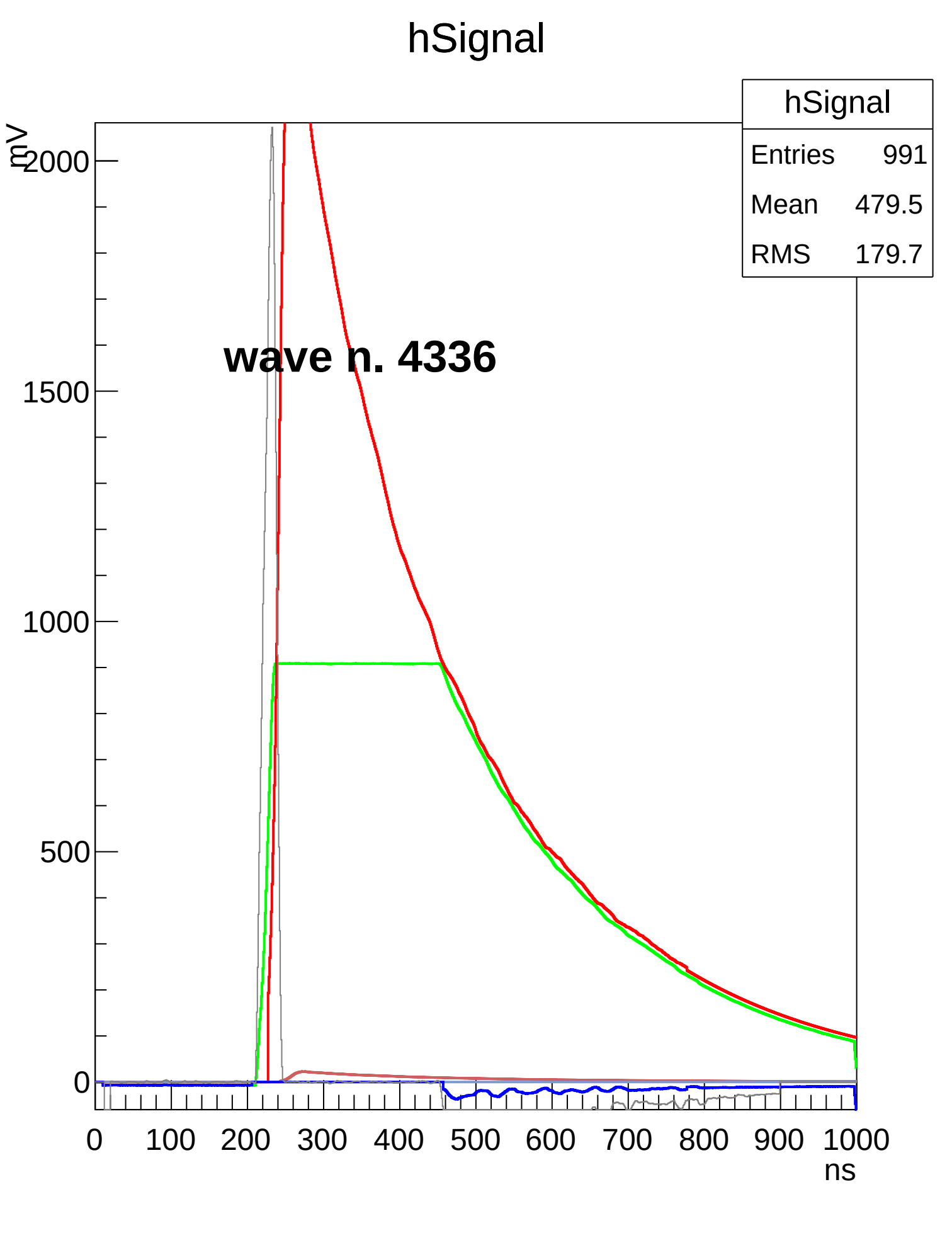
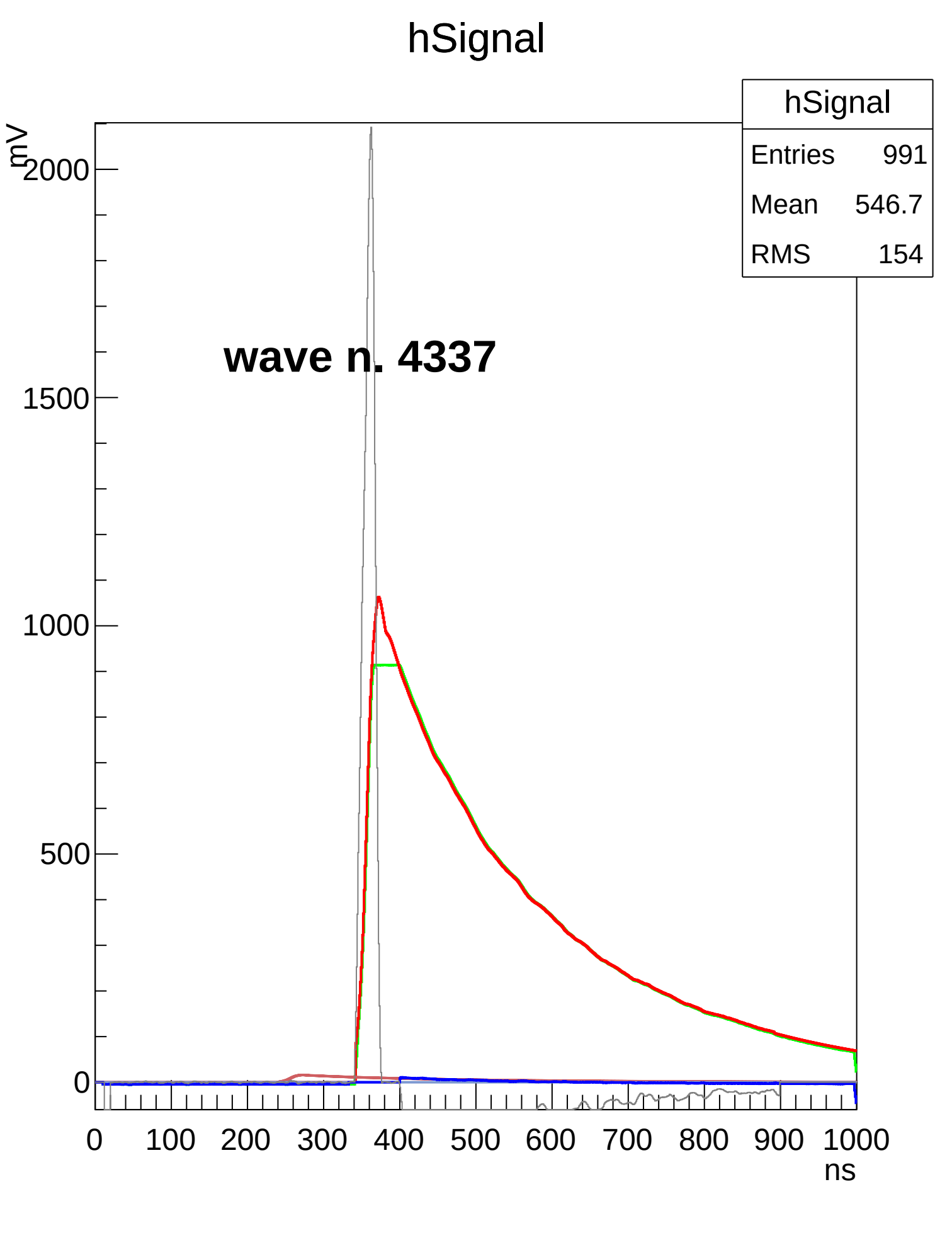
0
100
200
300
400
500
600
700
800
900
1000
ns

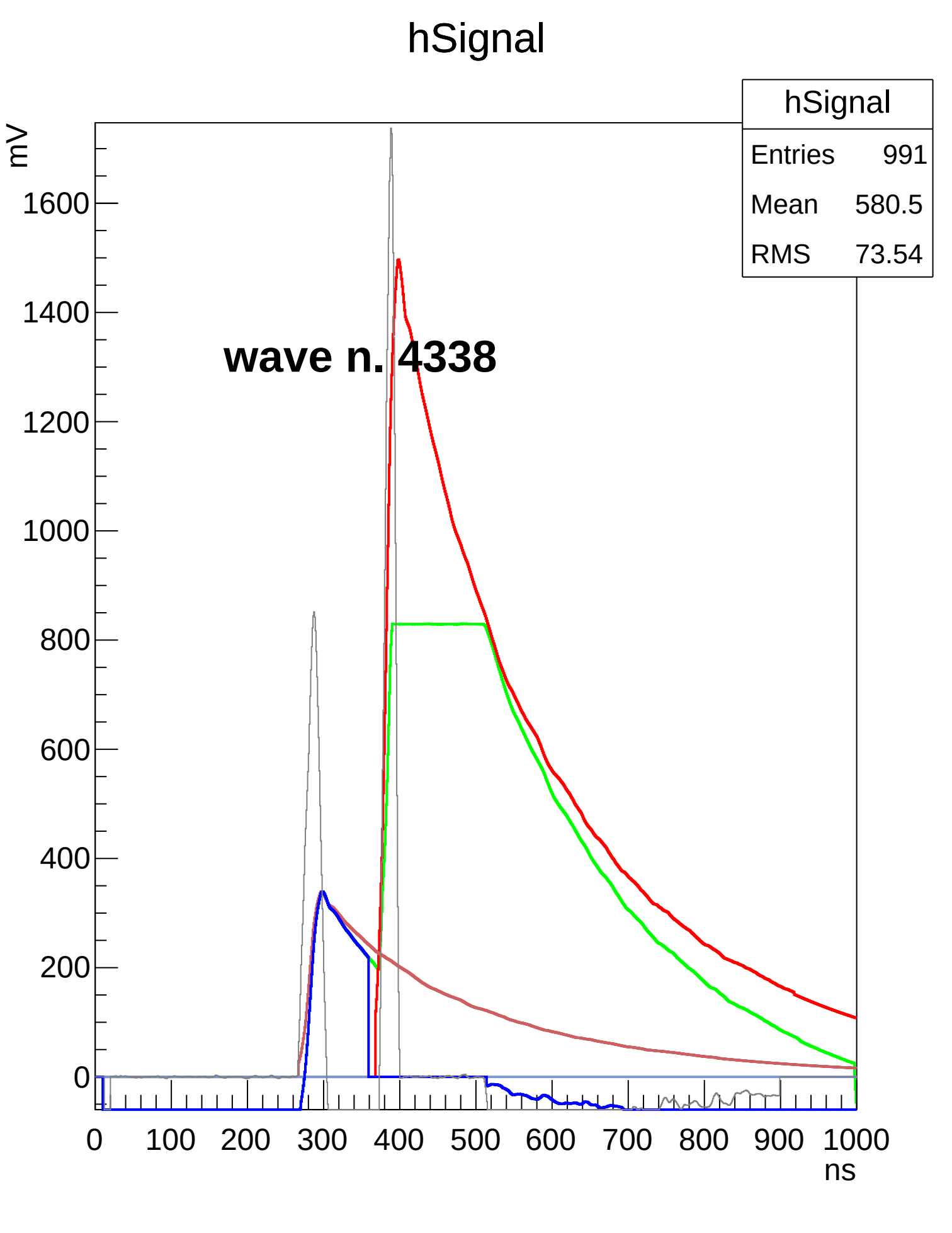

hSignal
hSignal
Entries 991
Mean 455.7
RMS 181.5
wave n. 4333
mV
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns

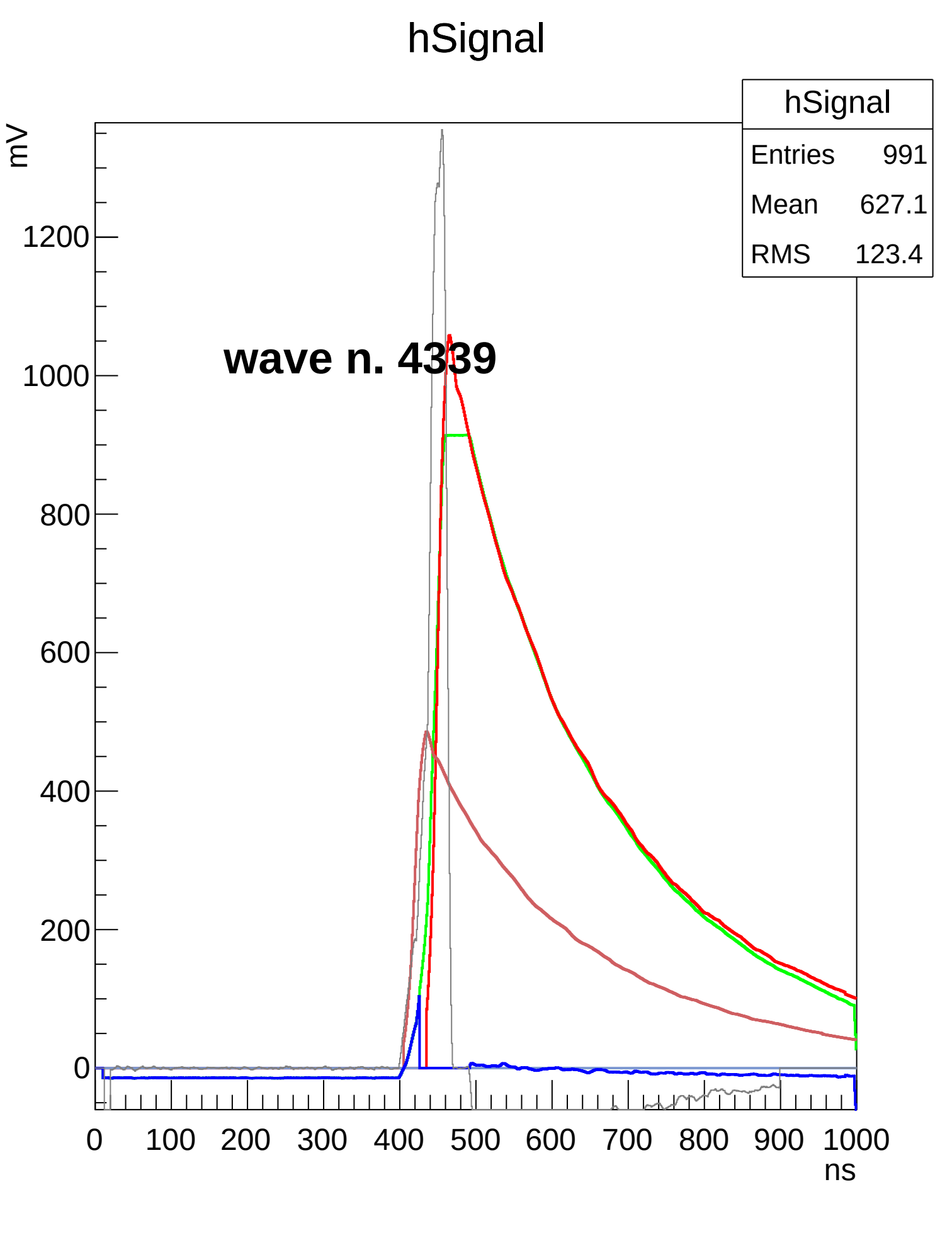

hSignal
hSignal
Entries 991
Mean 501
RMS 191.9
wave n. 4334
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

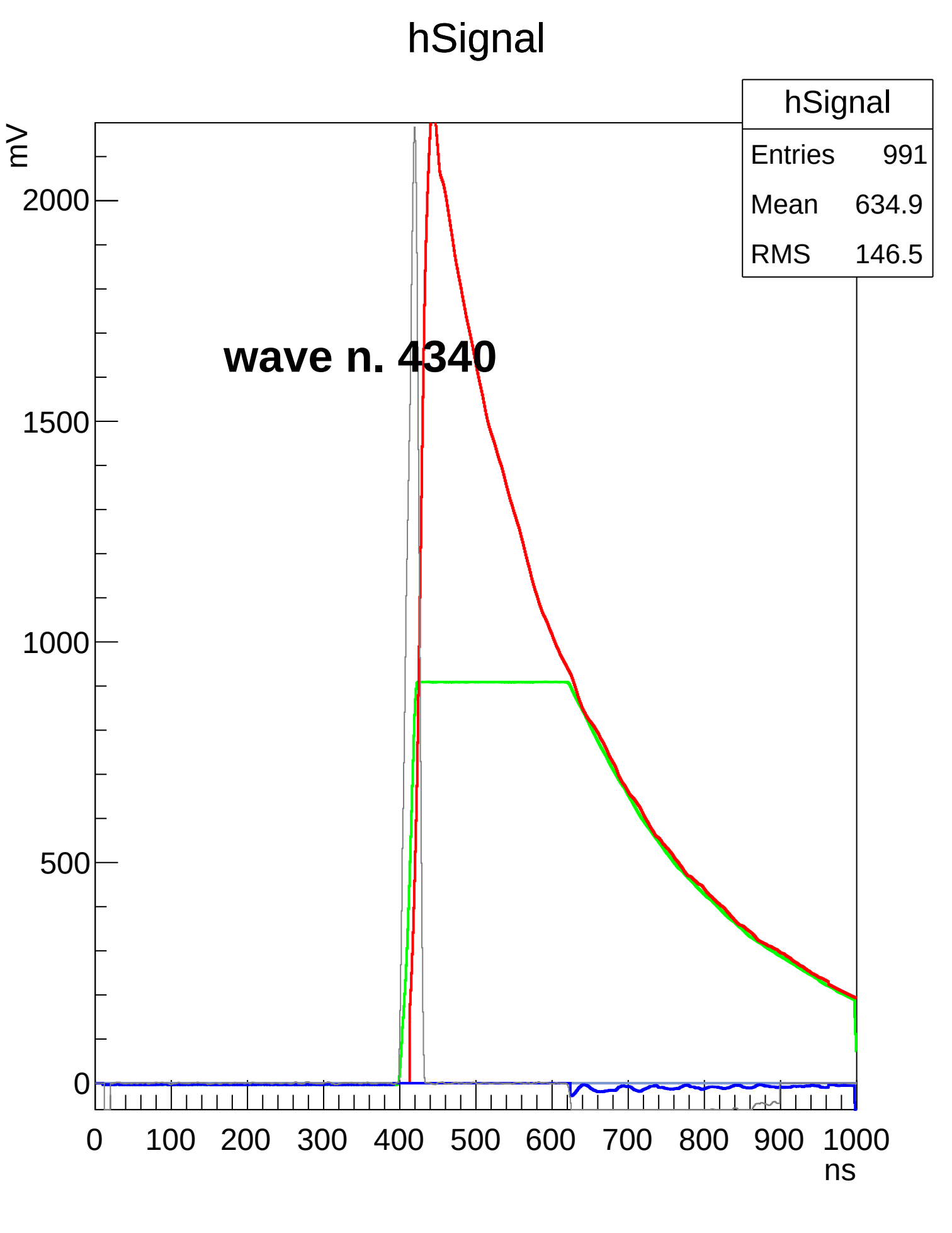

hSignal
hSignal
Entries 991
Mean 503.3
RMS 163
wave n. 4335
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 479.5
RMS 179.7
wave n. 4336
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 546.7
RMS 154
wave n. 4337
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580.5
RMS 73.54
wave n. 4338
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 627.1
RMS 123.4
wave n. 4339
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 634.9
RMS 146.5
wave n. 4340
mV
2000
1500
1000
500
0
0
100
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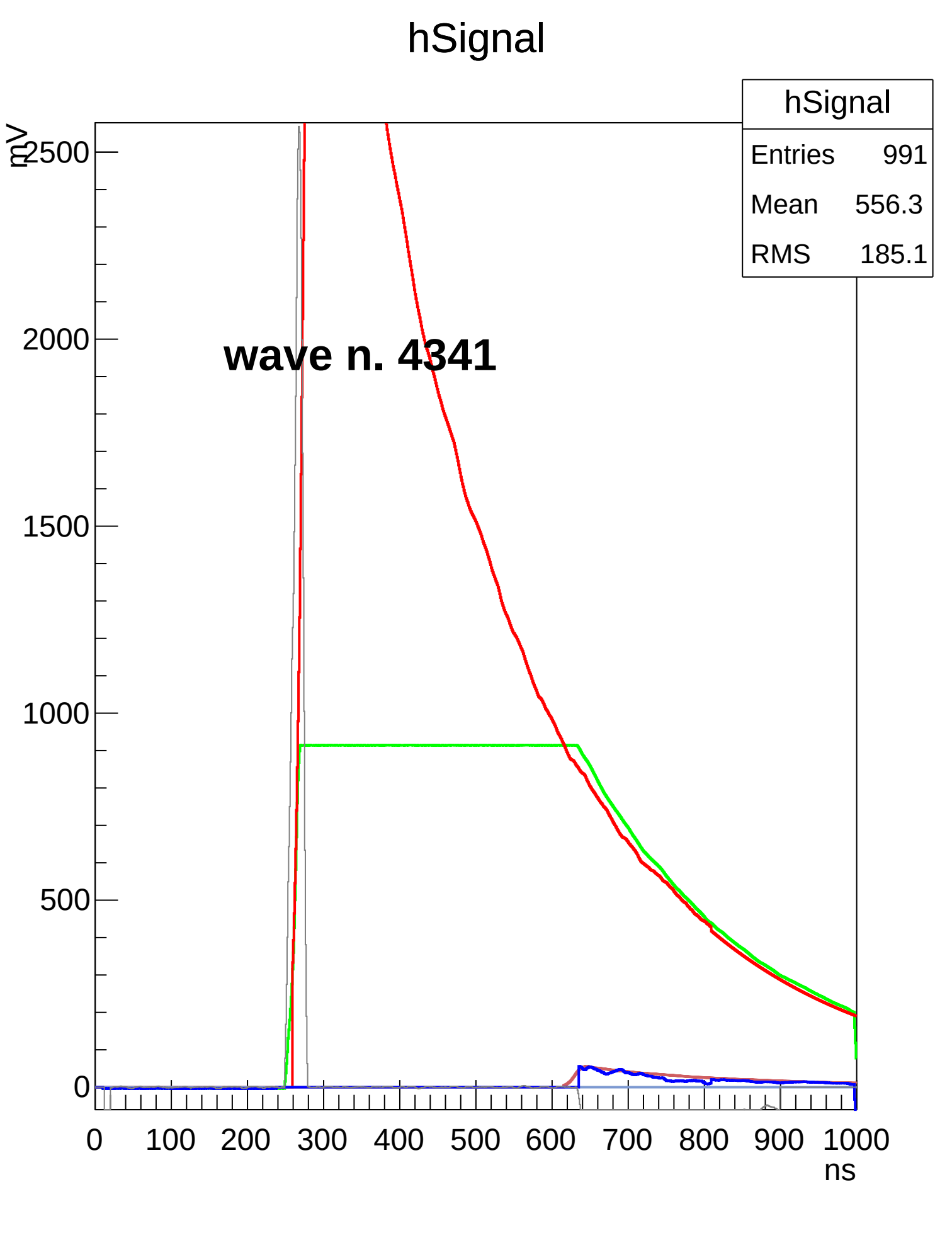
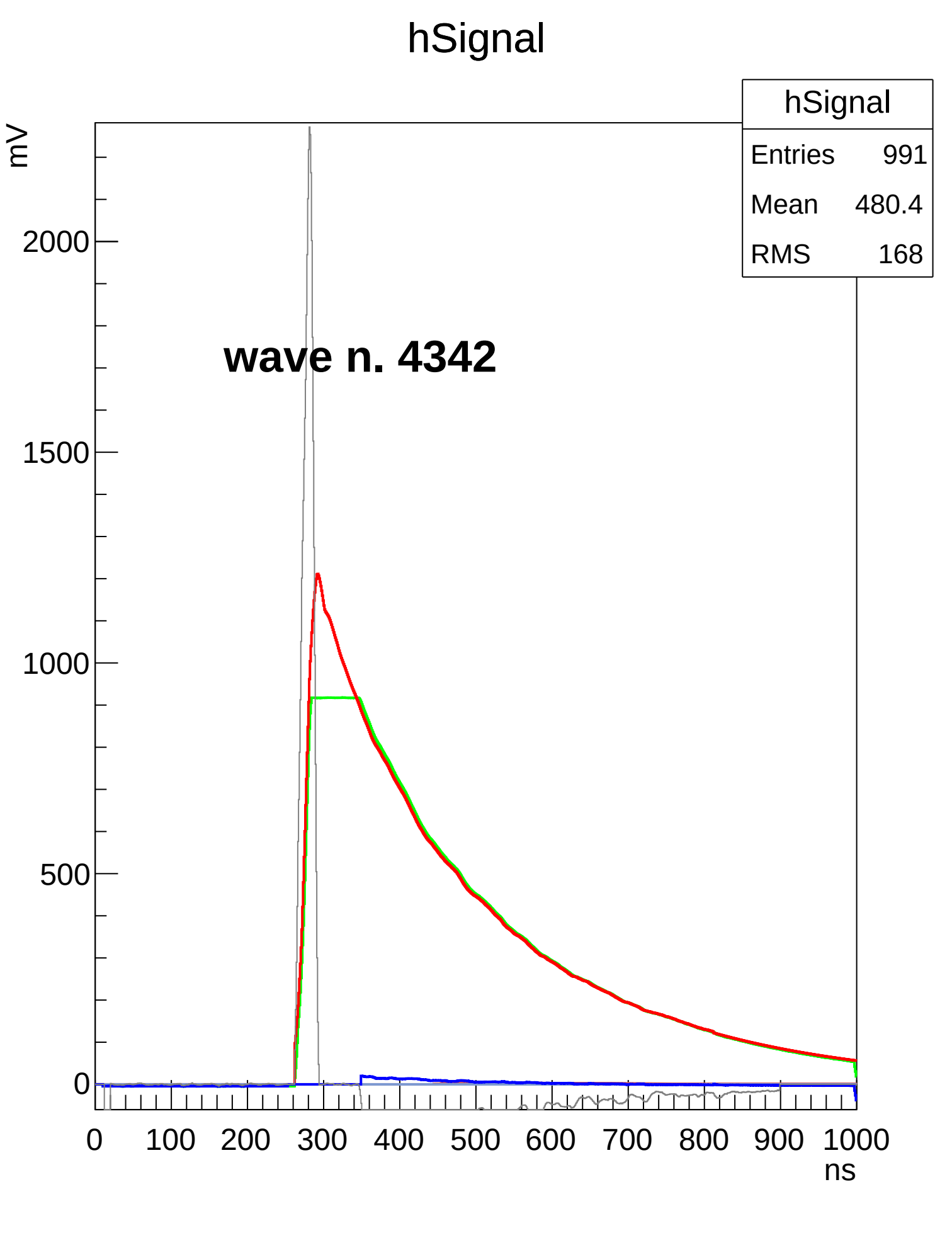
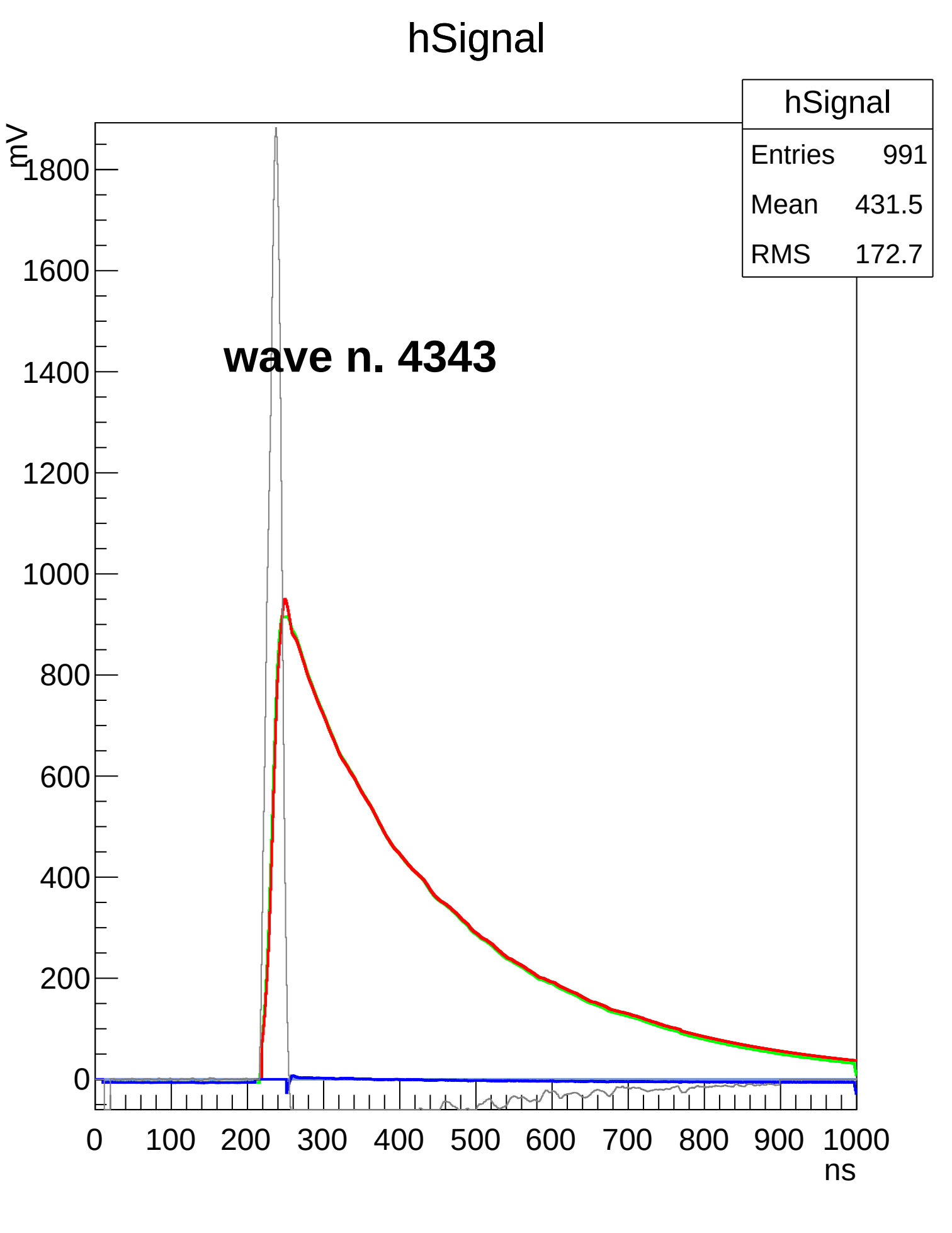
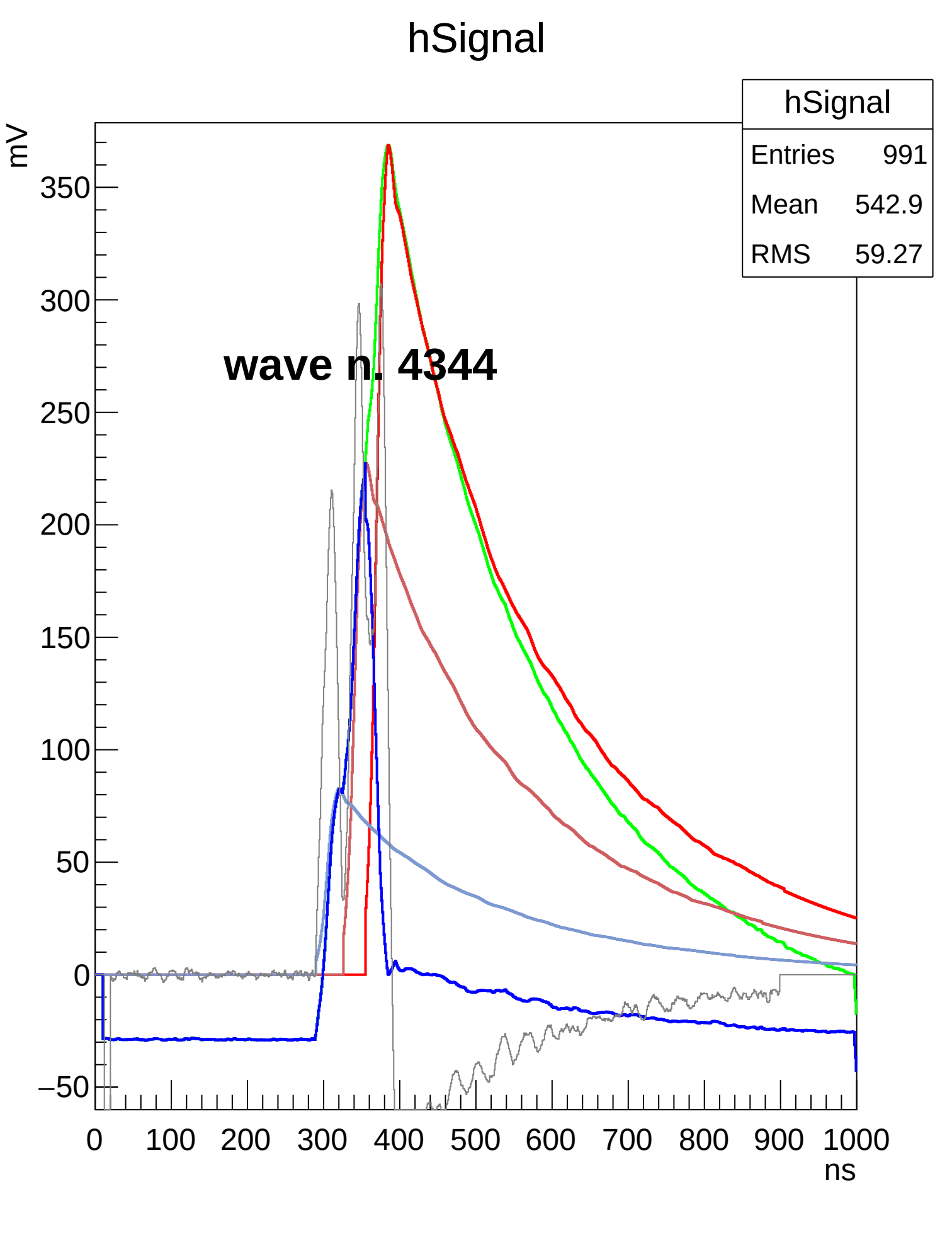
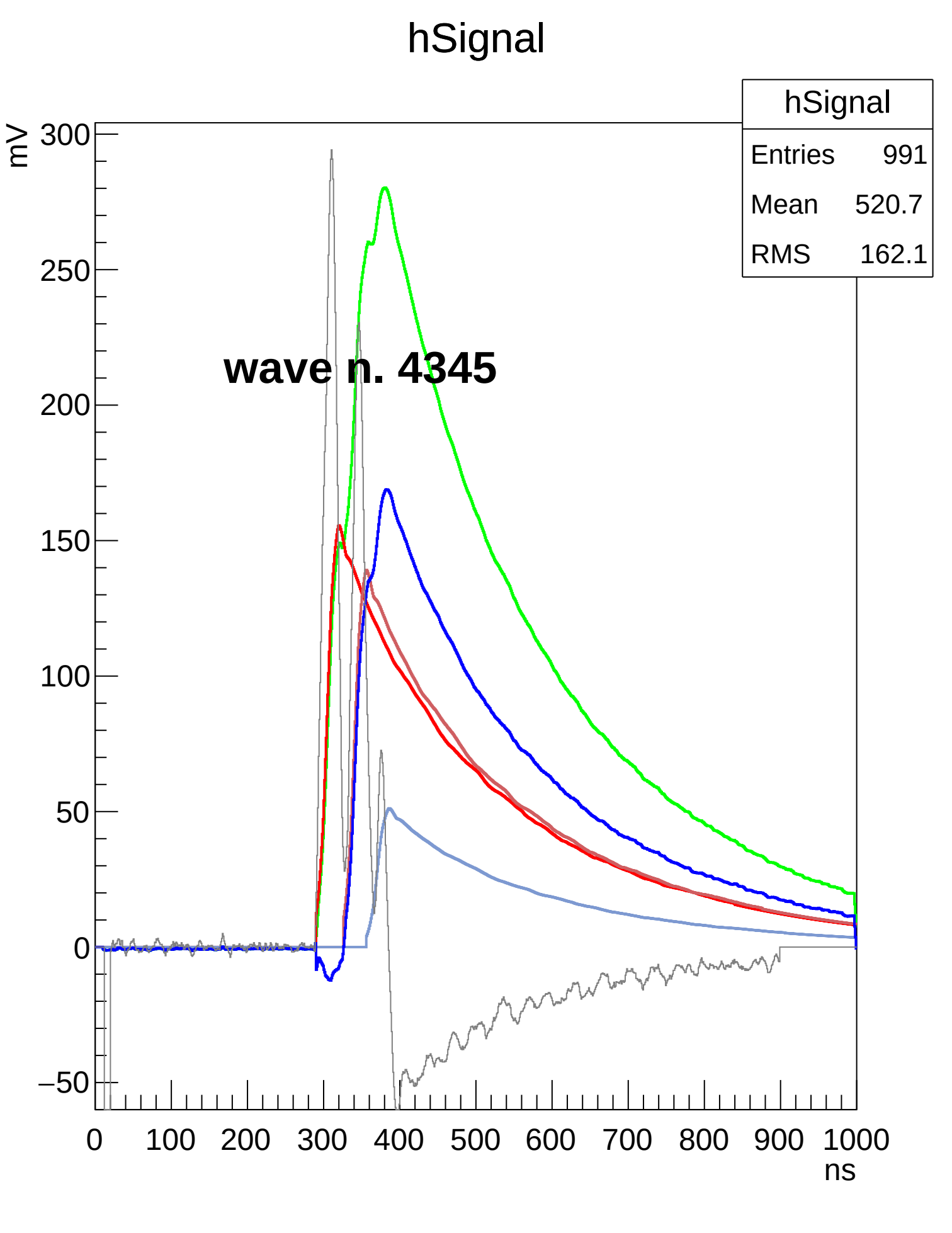
800
900
1000
ns

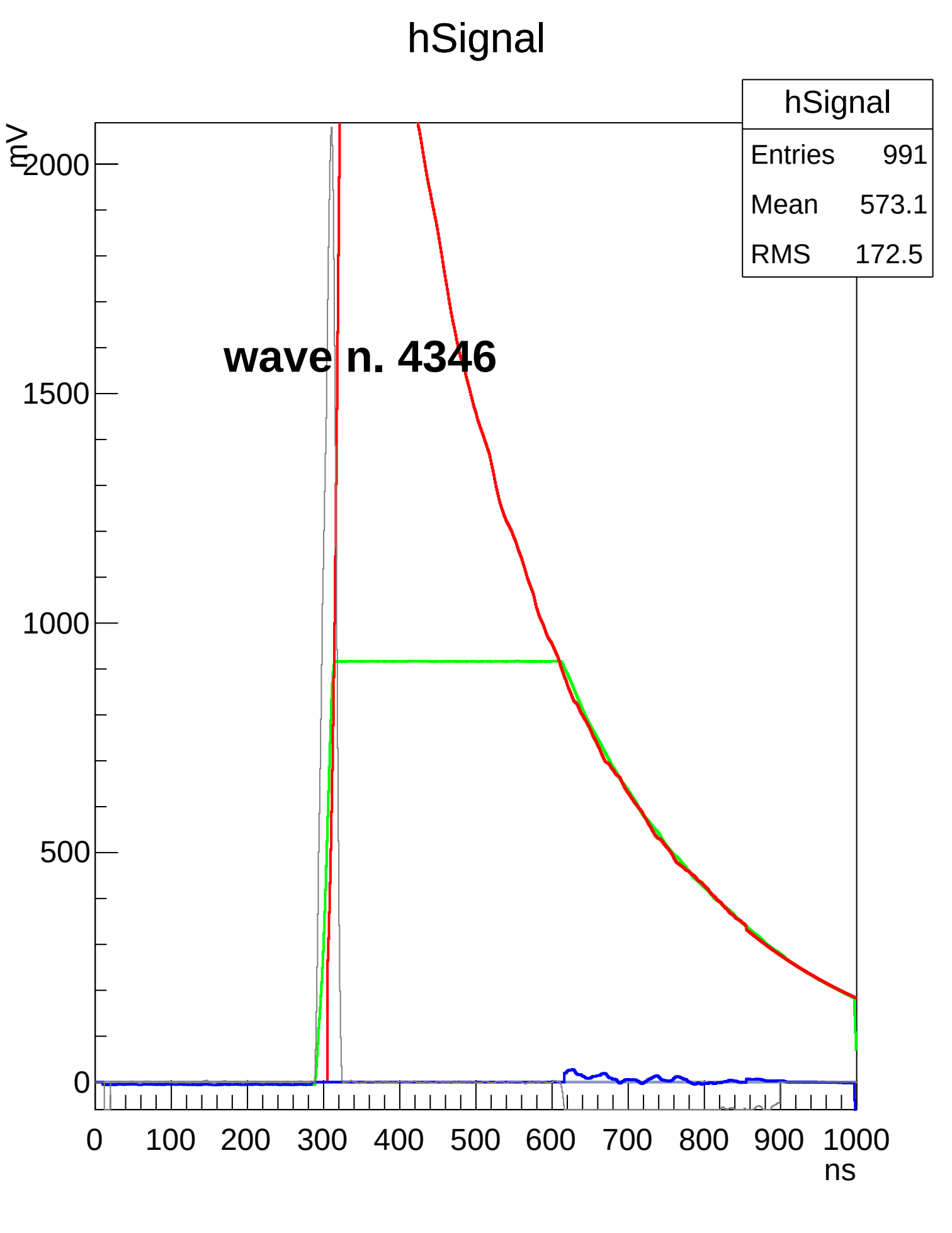

hSignal
hSignal
Entries 991
Mean 556.3
RMS 185.1
wave n. 4341
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 480.4
RMS 168
wave n. 4342
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 431.5
RMS 172.7
wave n. 4343
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.9
RMS 59.27
wave n. 4344
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 520.7
RMS 162.1
wave n. 4345
mV
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.1
RMS 172.5
wave n. 4346
mV
2000
1500
1000
500
0
0
100
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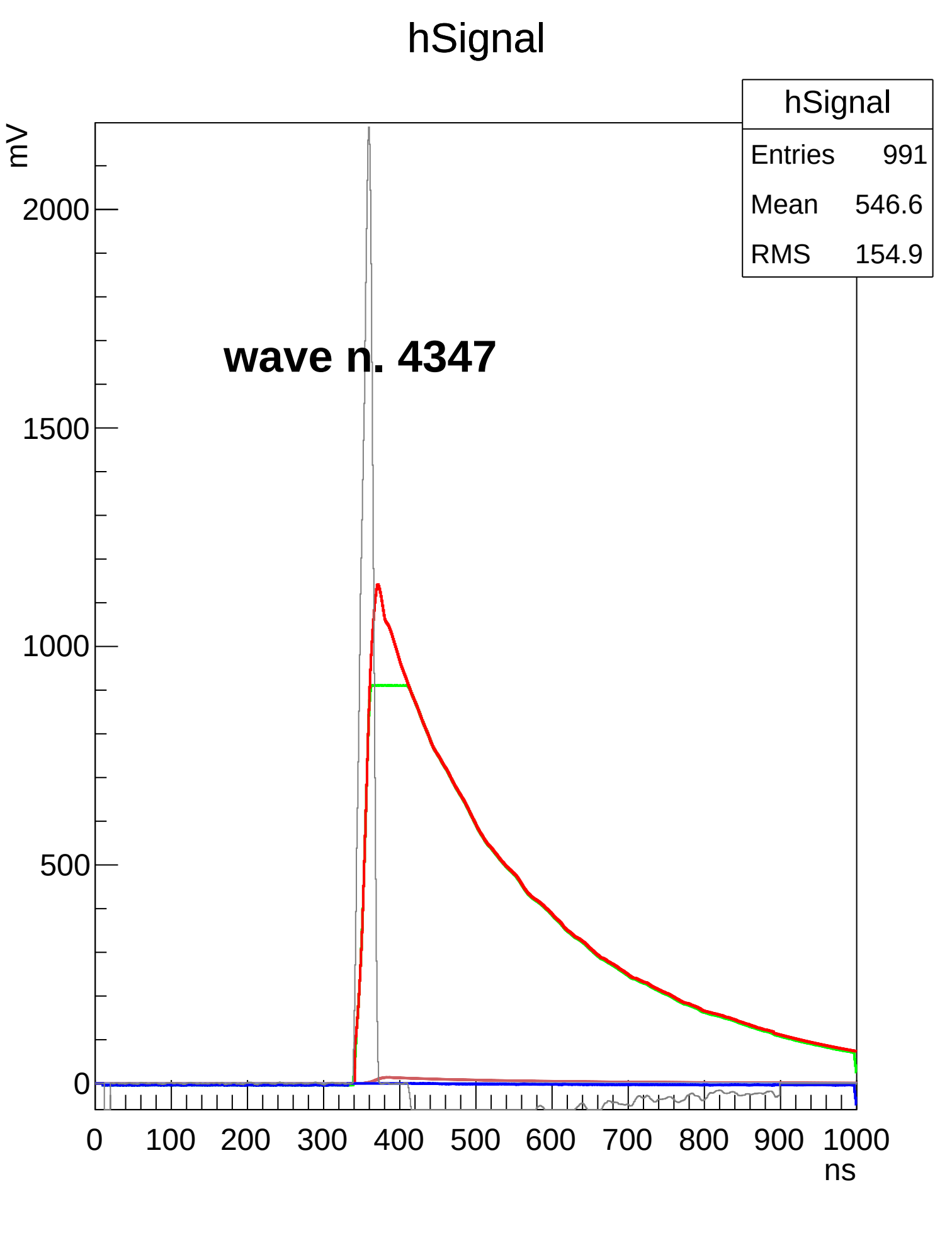
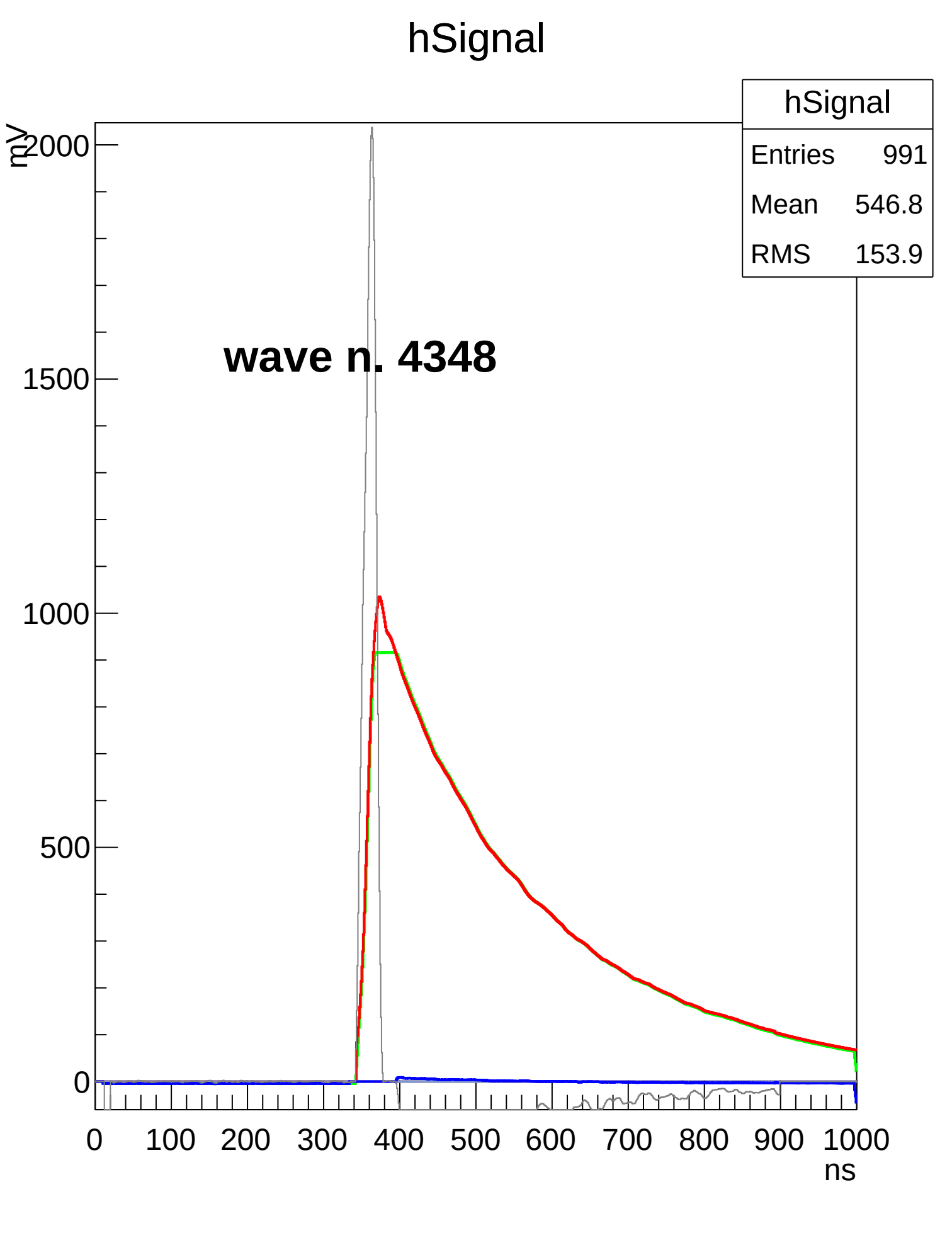
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 546.6
RMS 154.9
wave n. 4347
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 546.8
RMS 153.9
wave n. 4348
mV
2000
1500
1000
500
0
0
100
200
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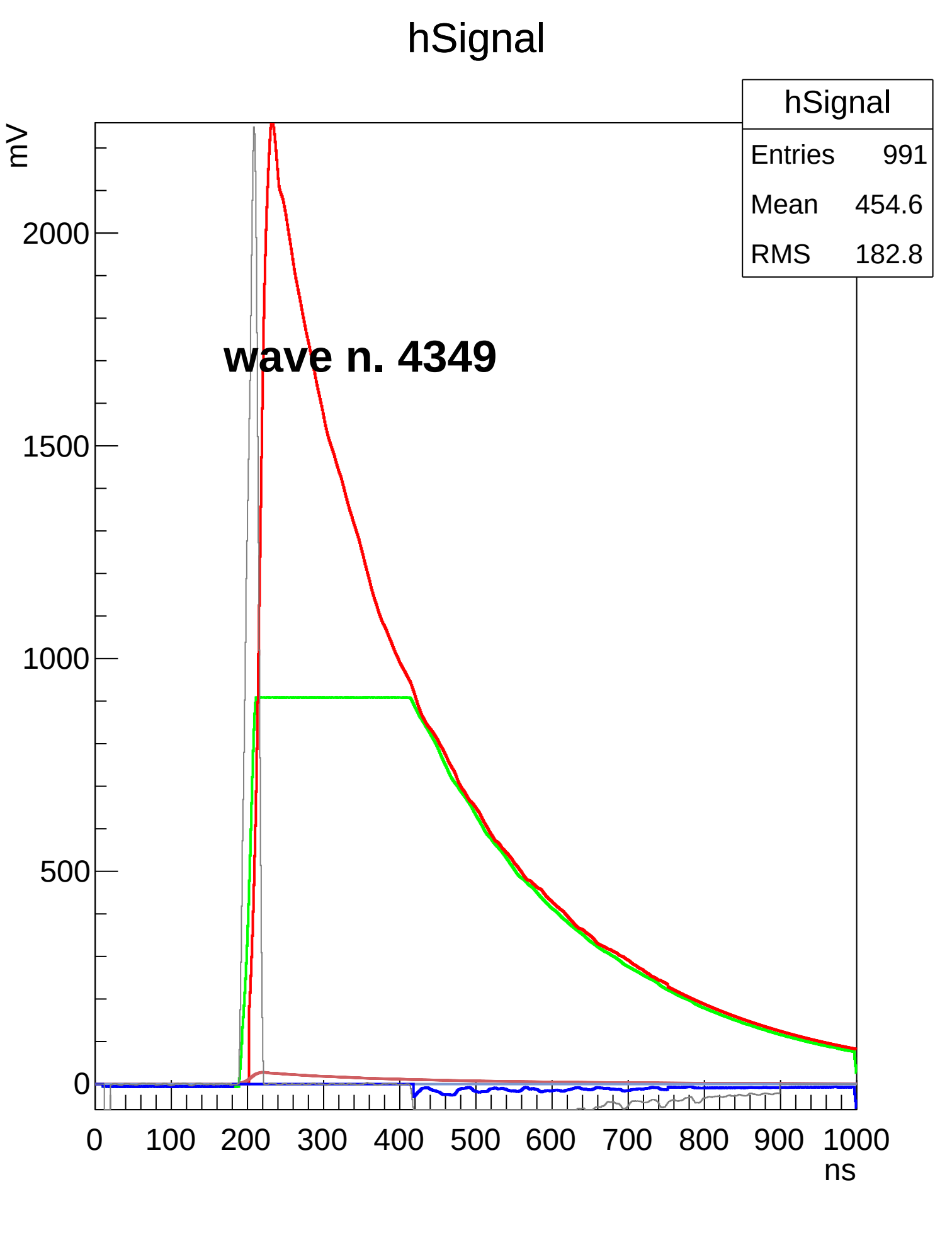
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 454.6
RMS 182.8
wave n. 4349
mV
2000
1500
1000
500
0
0
100
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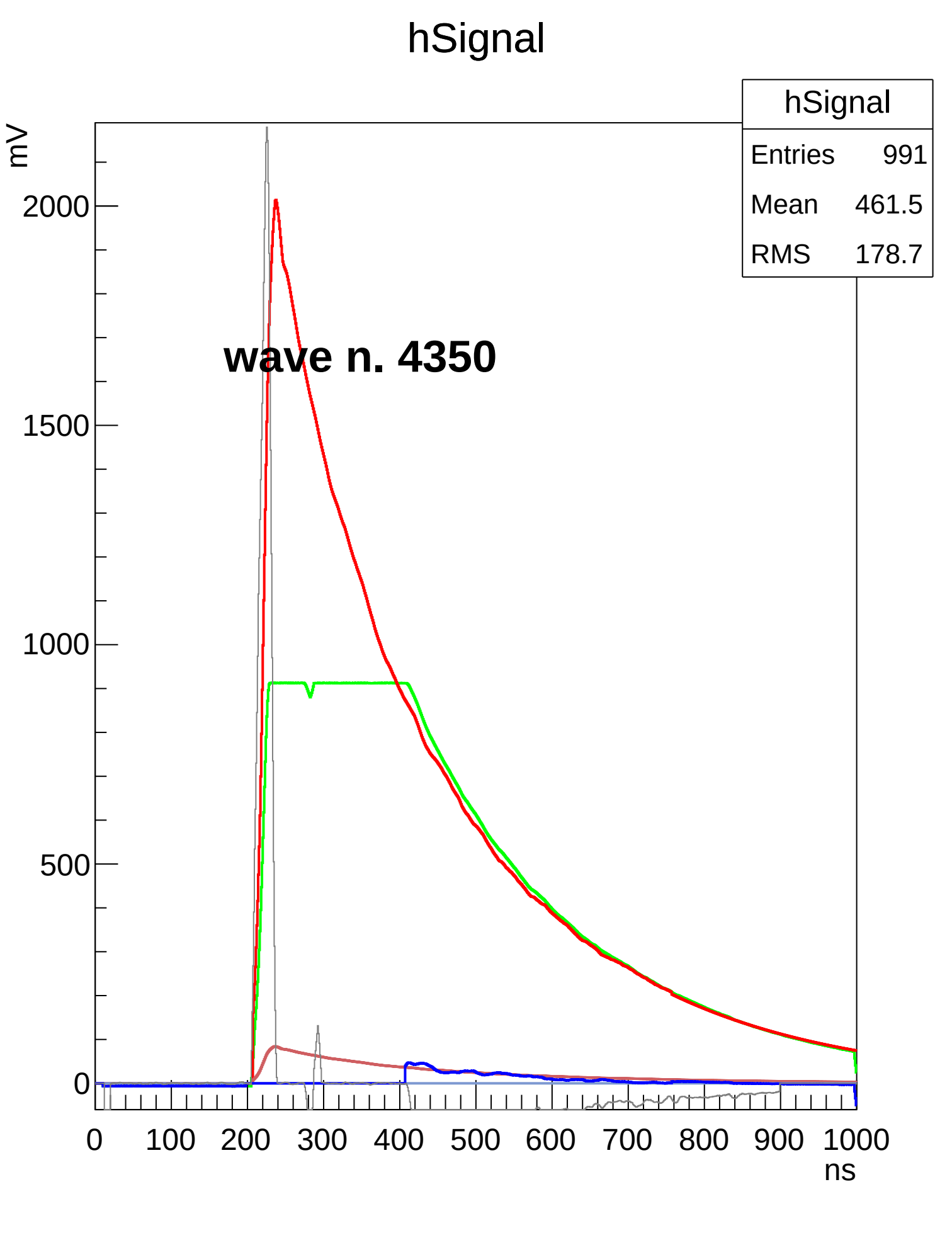
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 461.5
RMS 178.7
wave n. 4350
mV
2000
1500
1000
500
0
0
100
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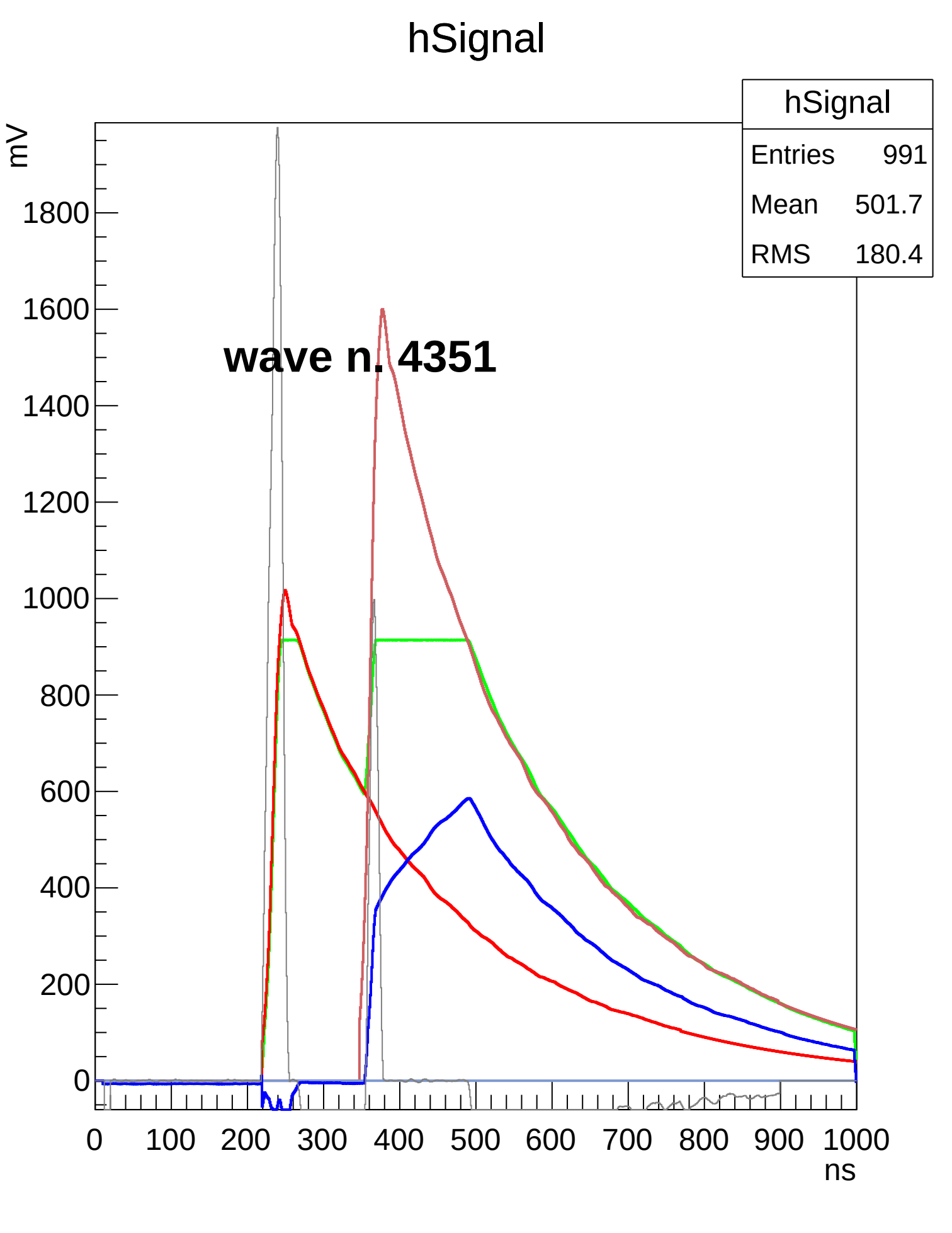
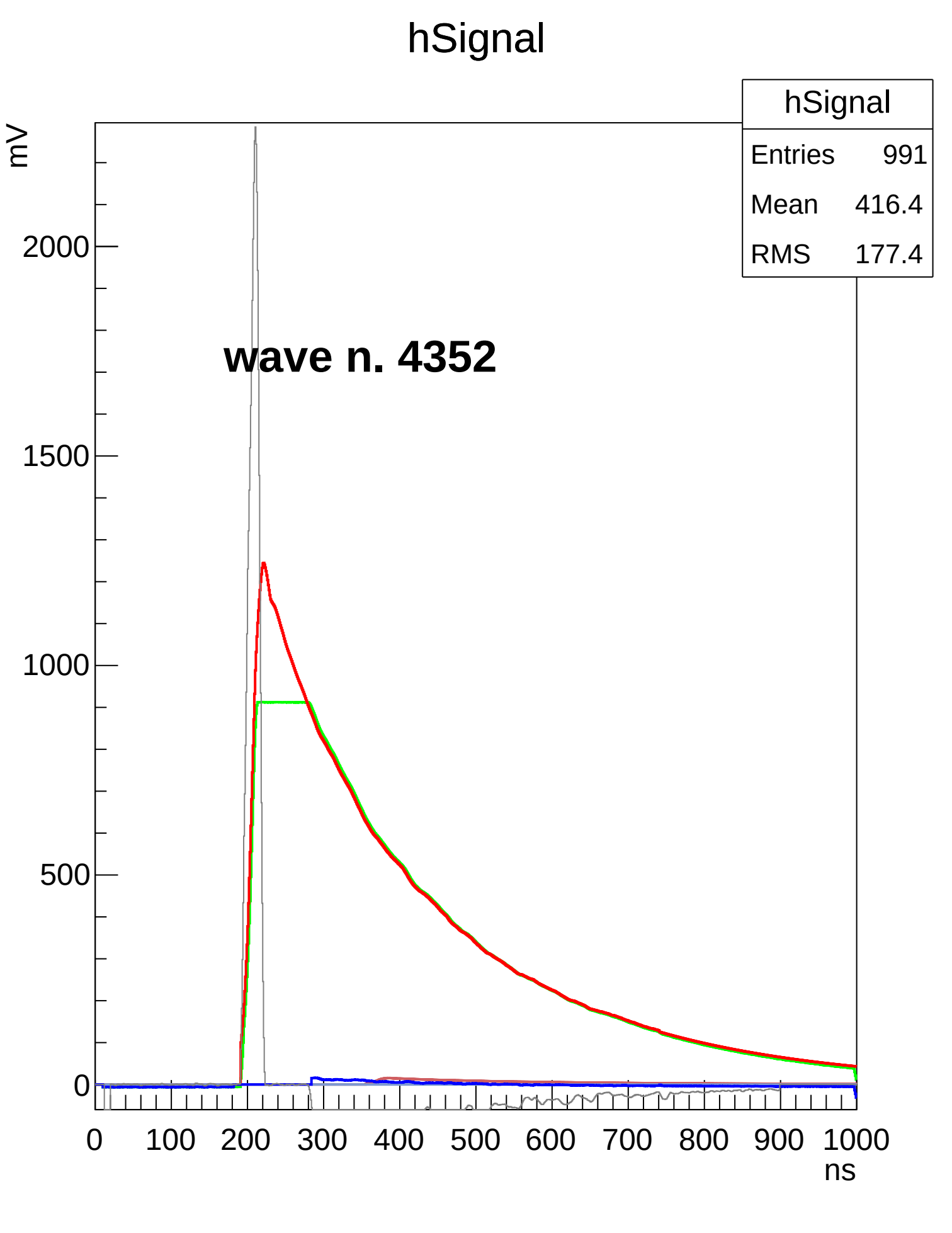
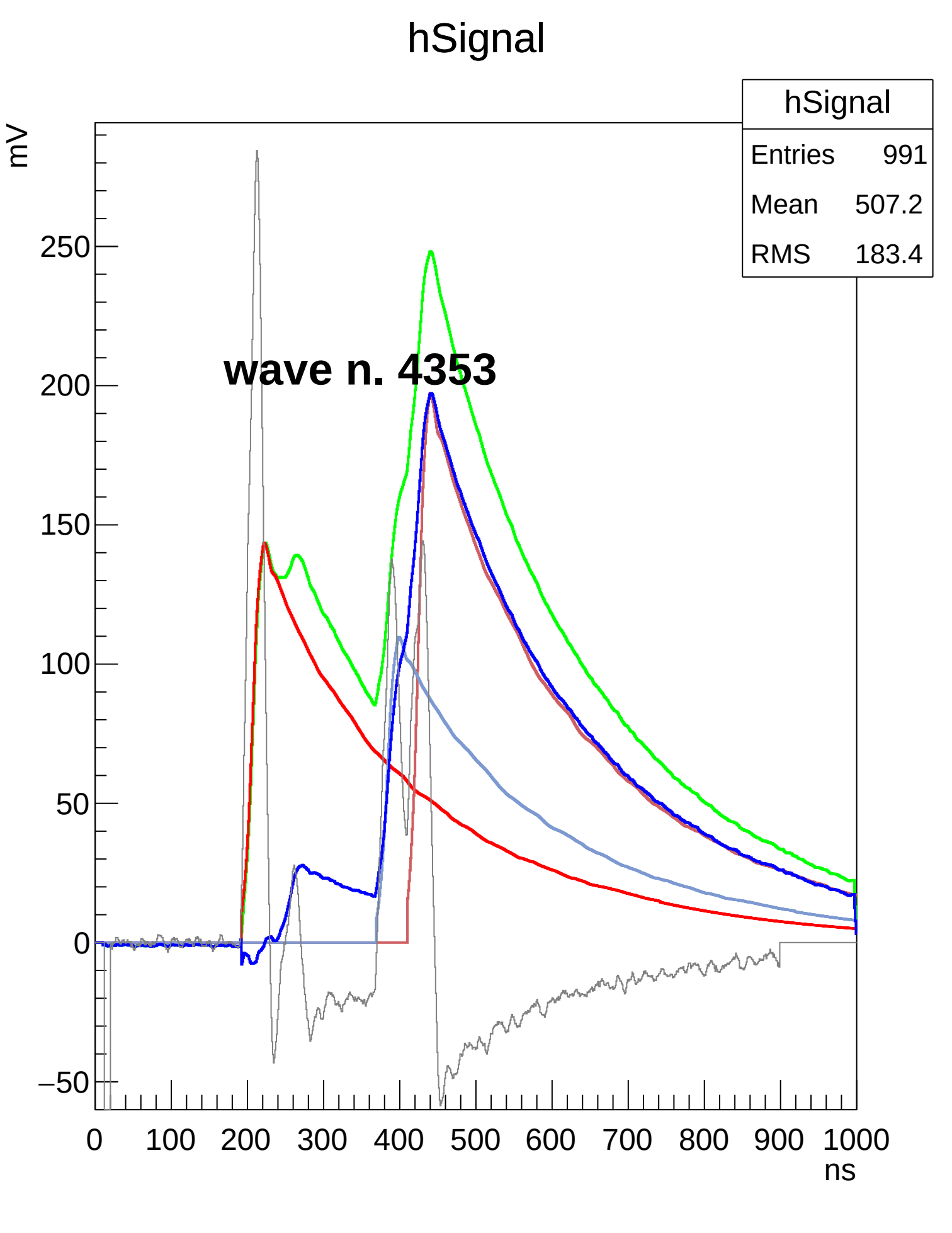
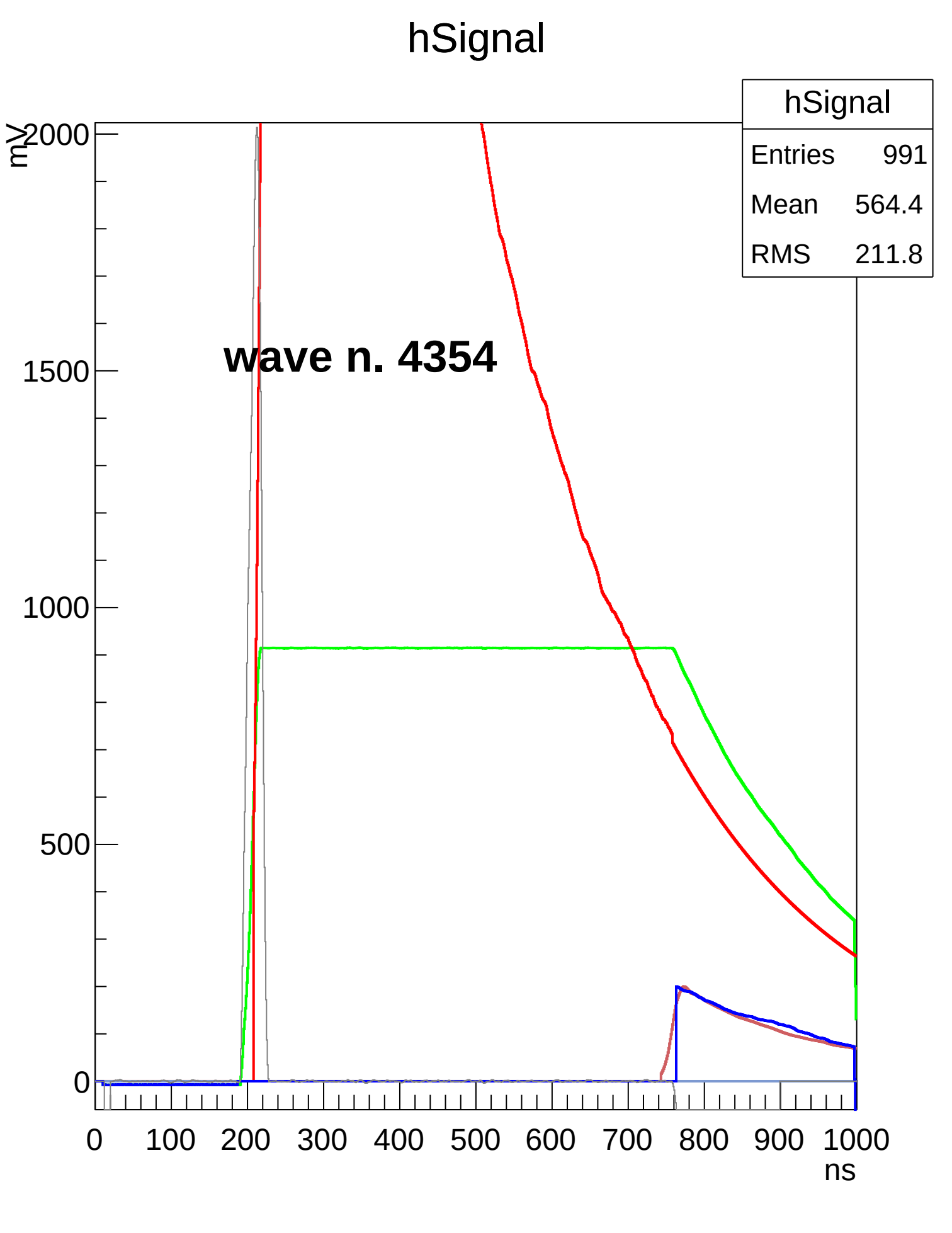
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 501.7
RMS 180.4
wave n. 4351
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 416.4
RMS 177.4
wave n. 4352
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507.2
RMS 183.4
wave n. 4353
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 564.4
RMS 211.8
wave n. 4354
mV
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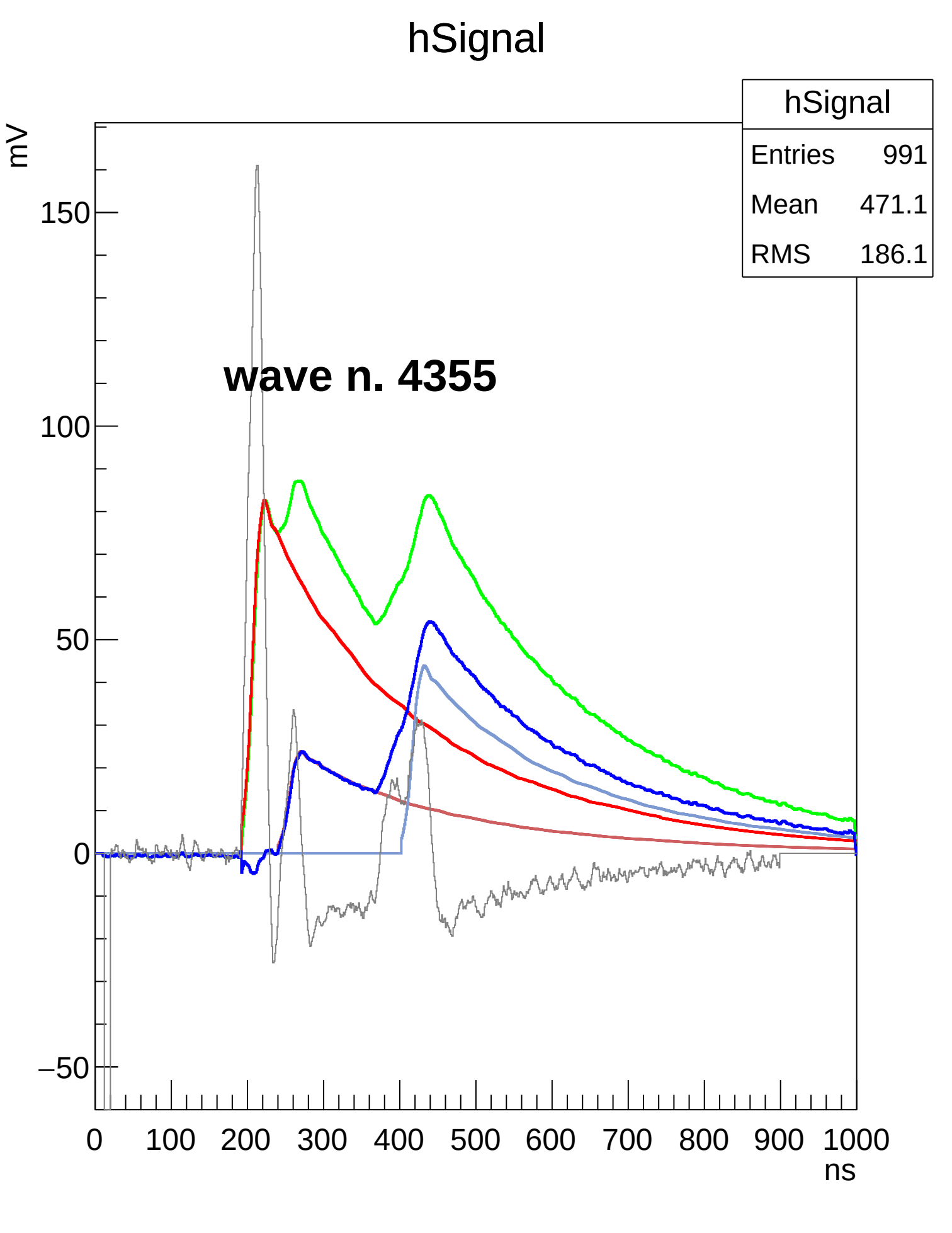
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 471.1
RMS 186.1
wave n. 4355
mV
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100
50
0
−50
0
100
200
300
400
500
600
700
800
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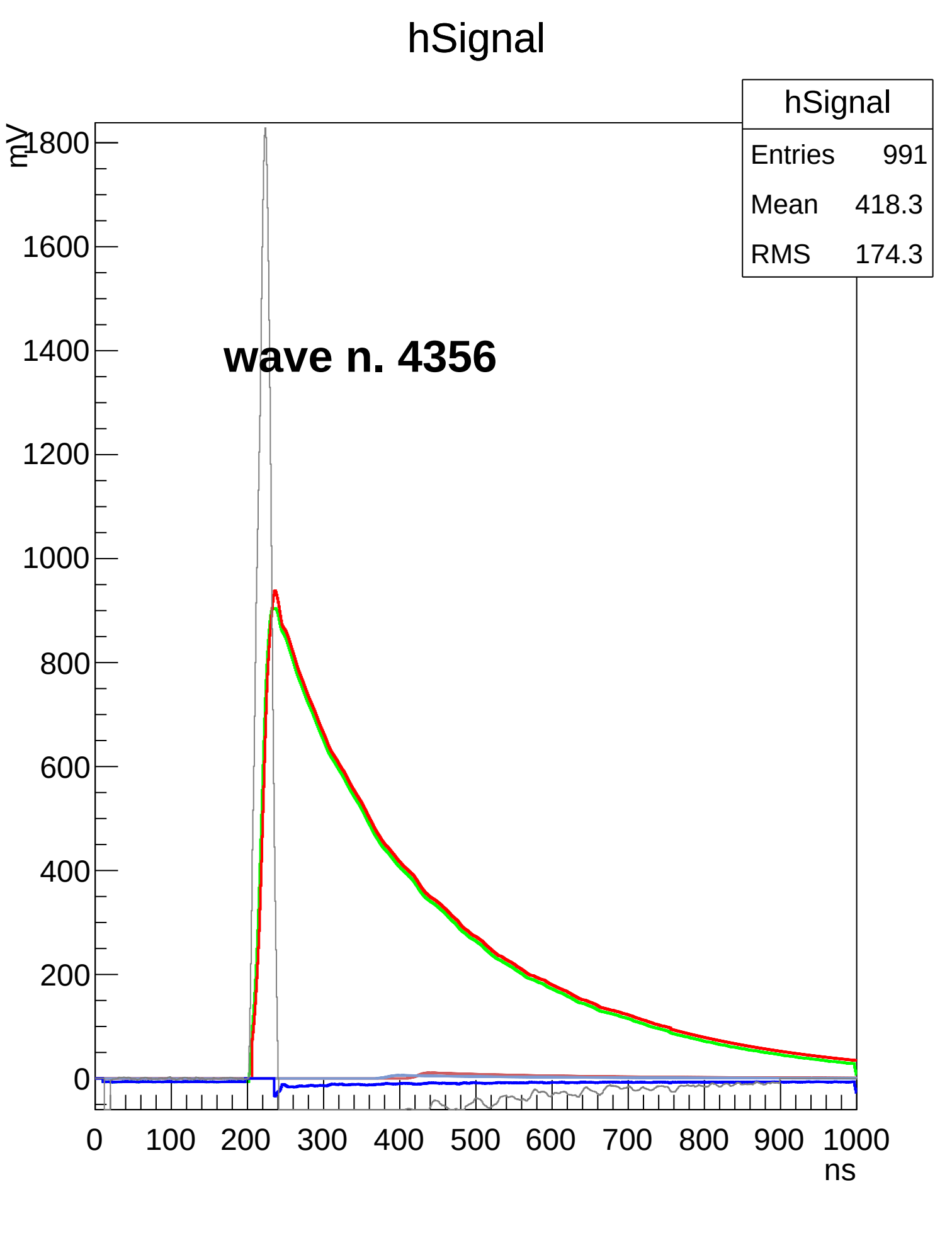
1000
ns


hSignal
hSignal
Entries 991
Mean 418.3
RMS 174.3
wave n. 4356
mV
1800
1600
1400
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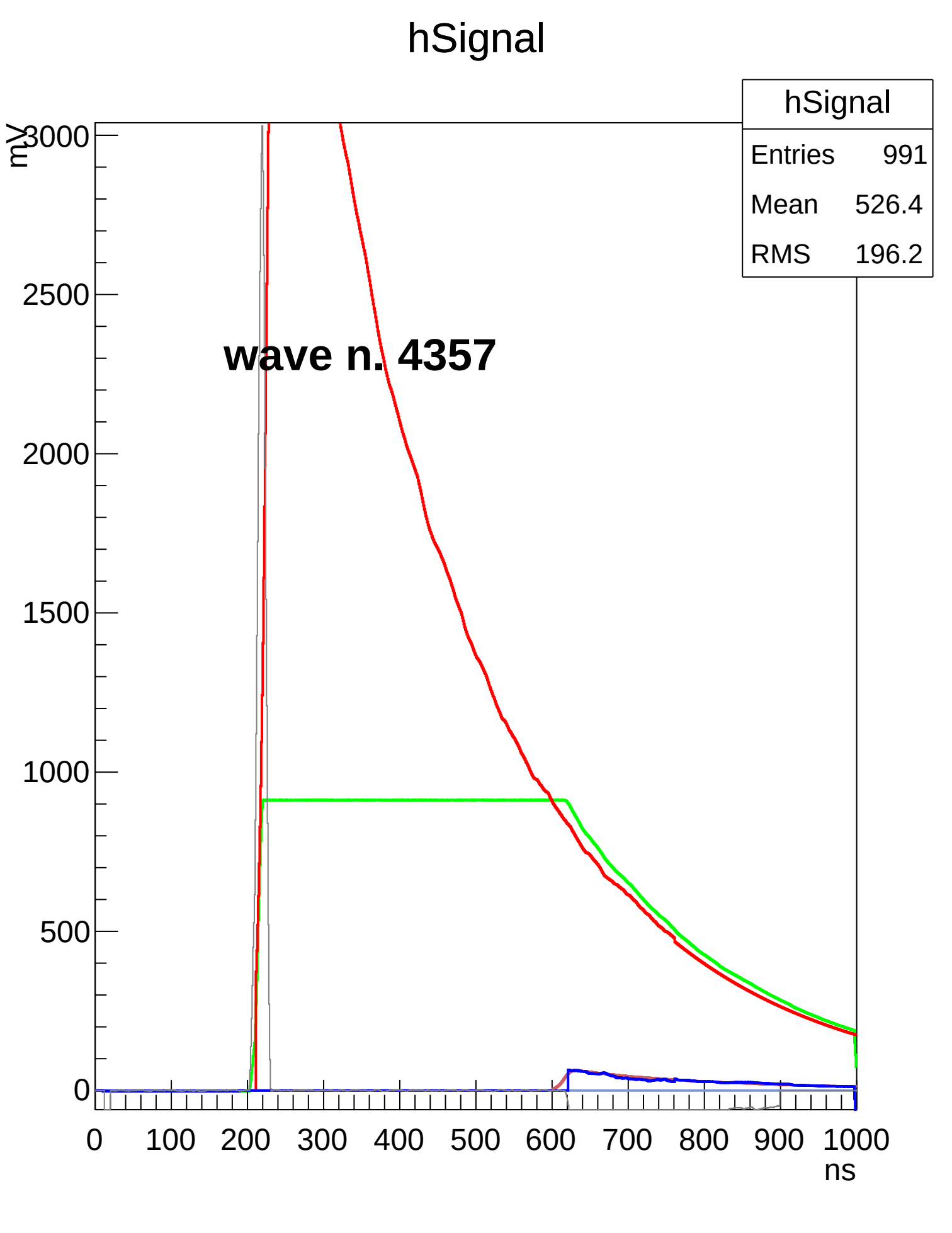
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 526.4
RMS 196.2
wave n. 4357
mV
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2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
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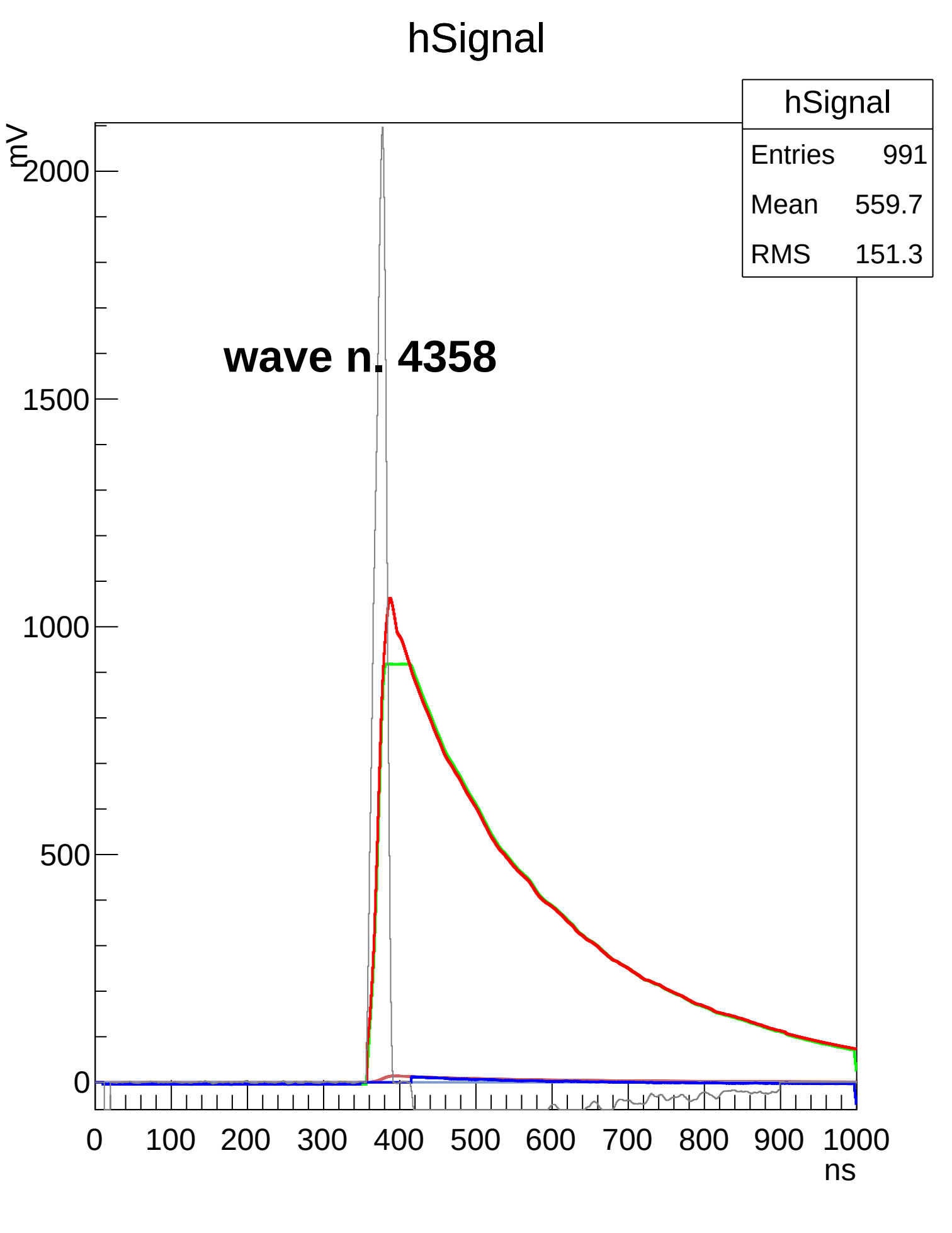
1000
ns


hSignal
hSignal
Entries 991
Mean 559.7
RMS 151.3
wave n. 4358
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1500
1000
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0
0
100
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400
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600
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800
900
1000
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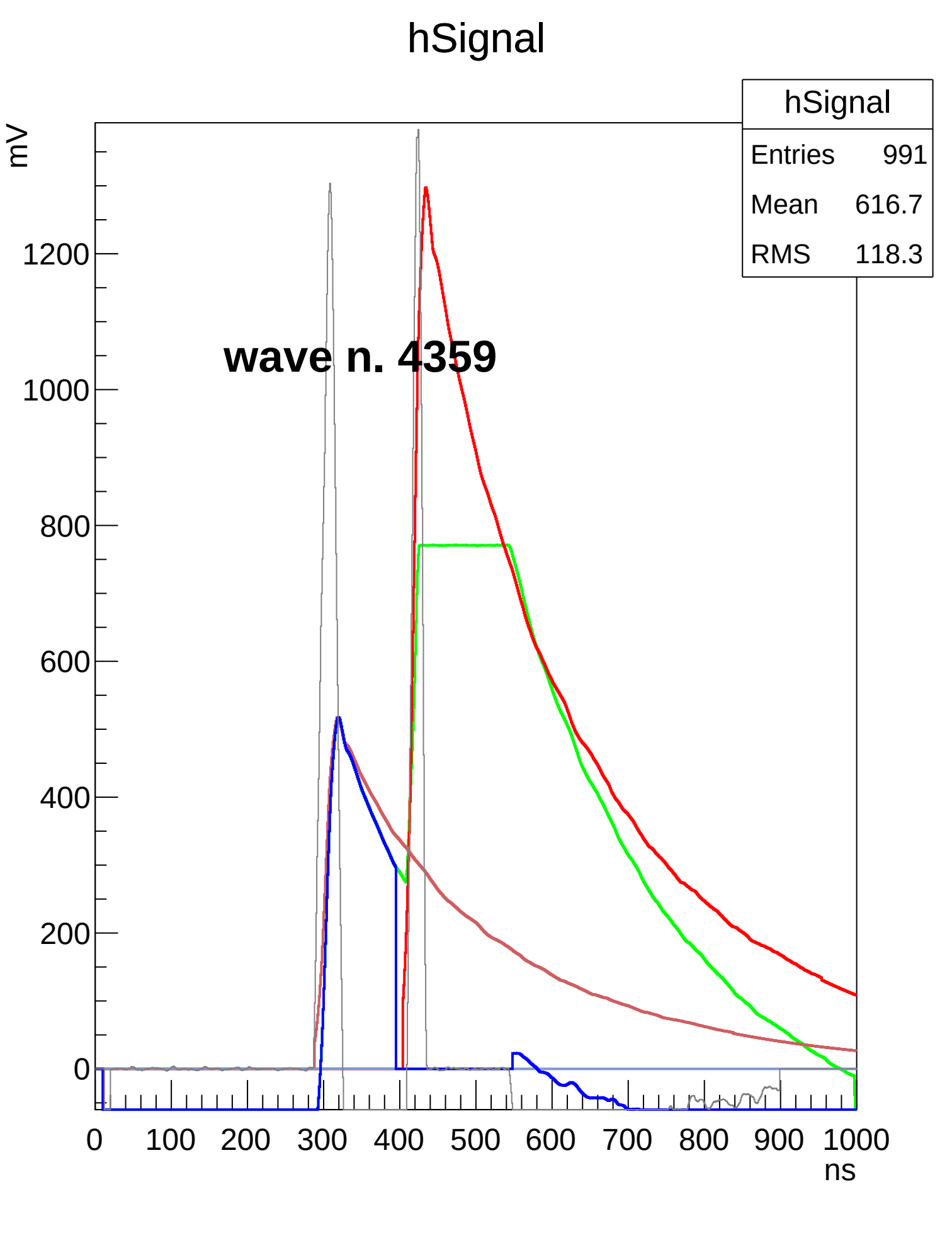
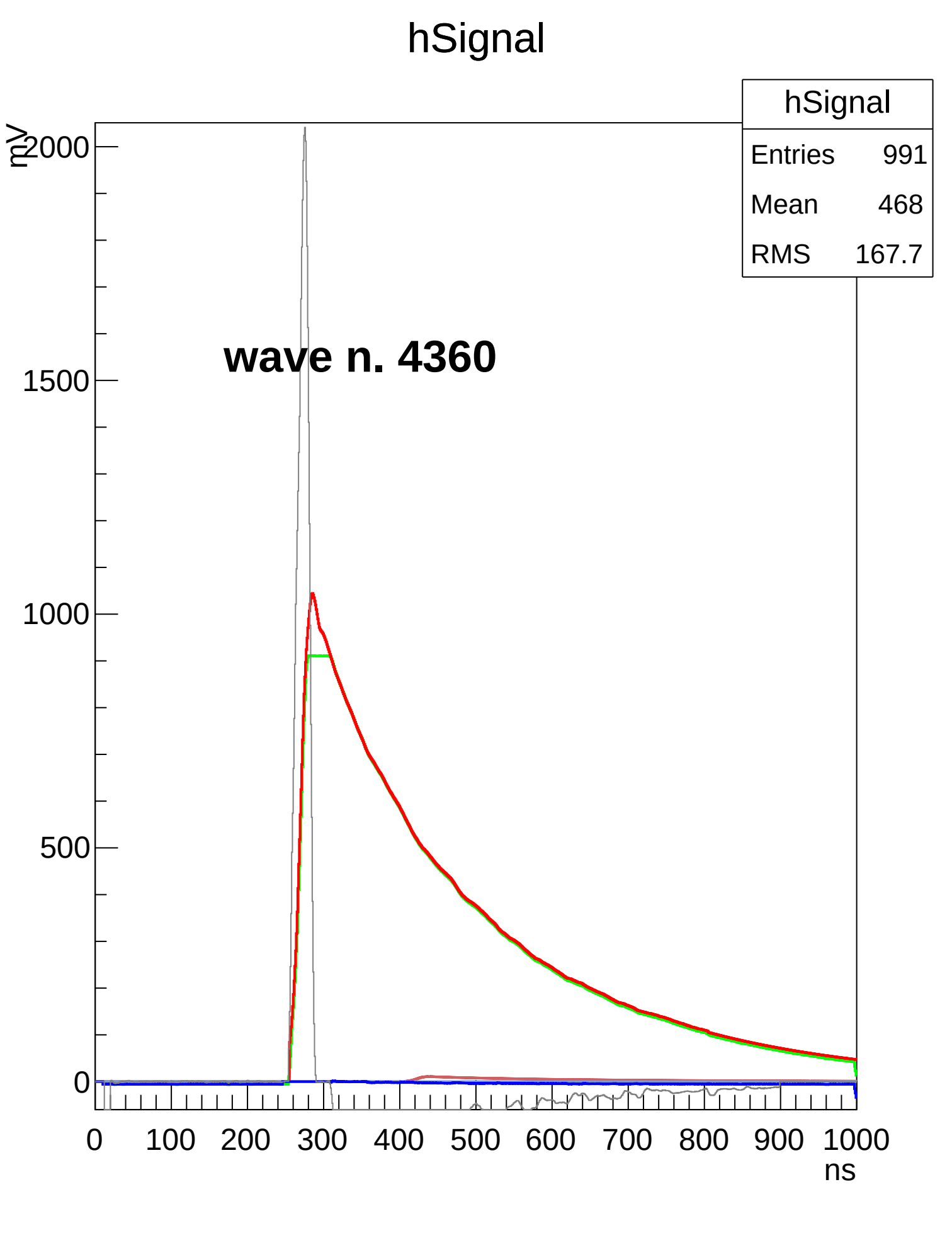

hSignal
hSignal
Entries 991
Mean 616.7
RMS 118.3
wave n. 4359
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 468
RMS 167.7
wave n. 4360
mV
2000
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1000
500
0
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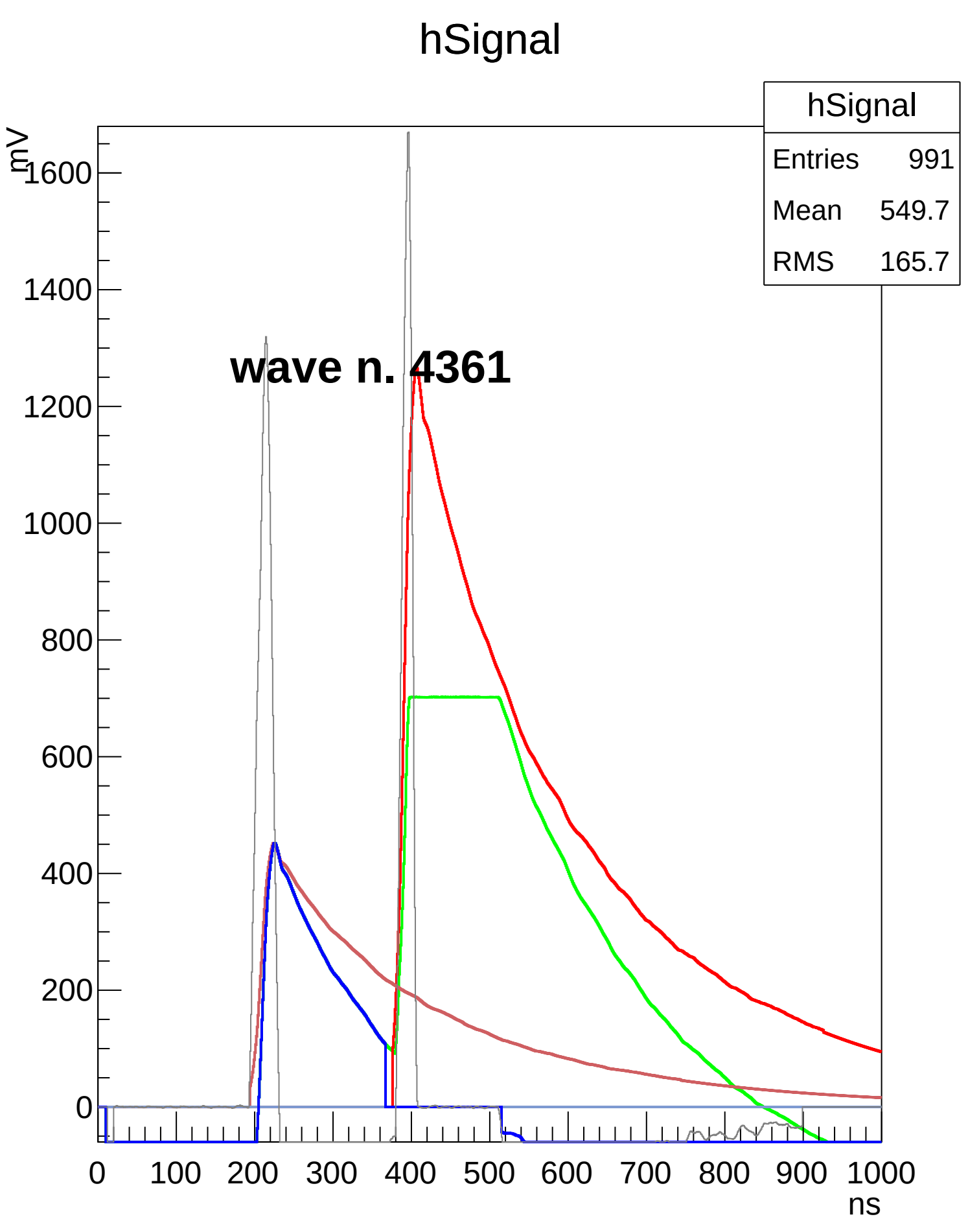
ns


hSignal
hSignal
Entries 991
Mean 549.7
RMS 165.7
wave n. 4361
mV
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1400
1200
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600
400
200
0
0
100
200
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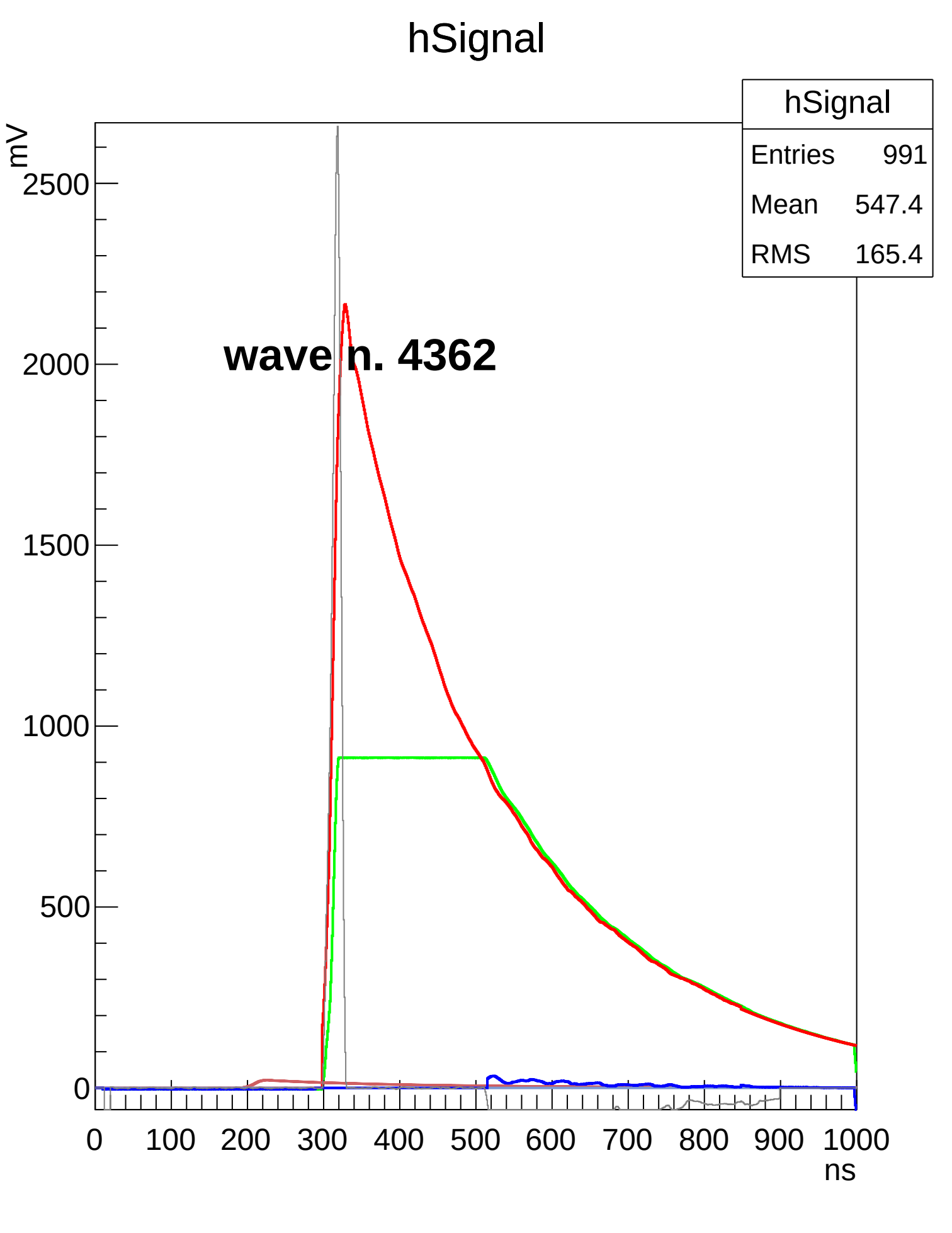
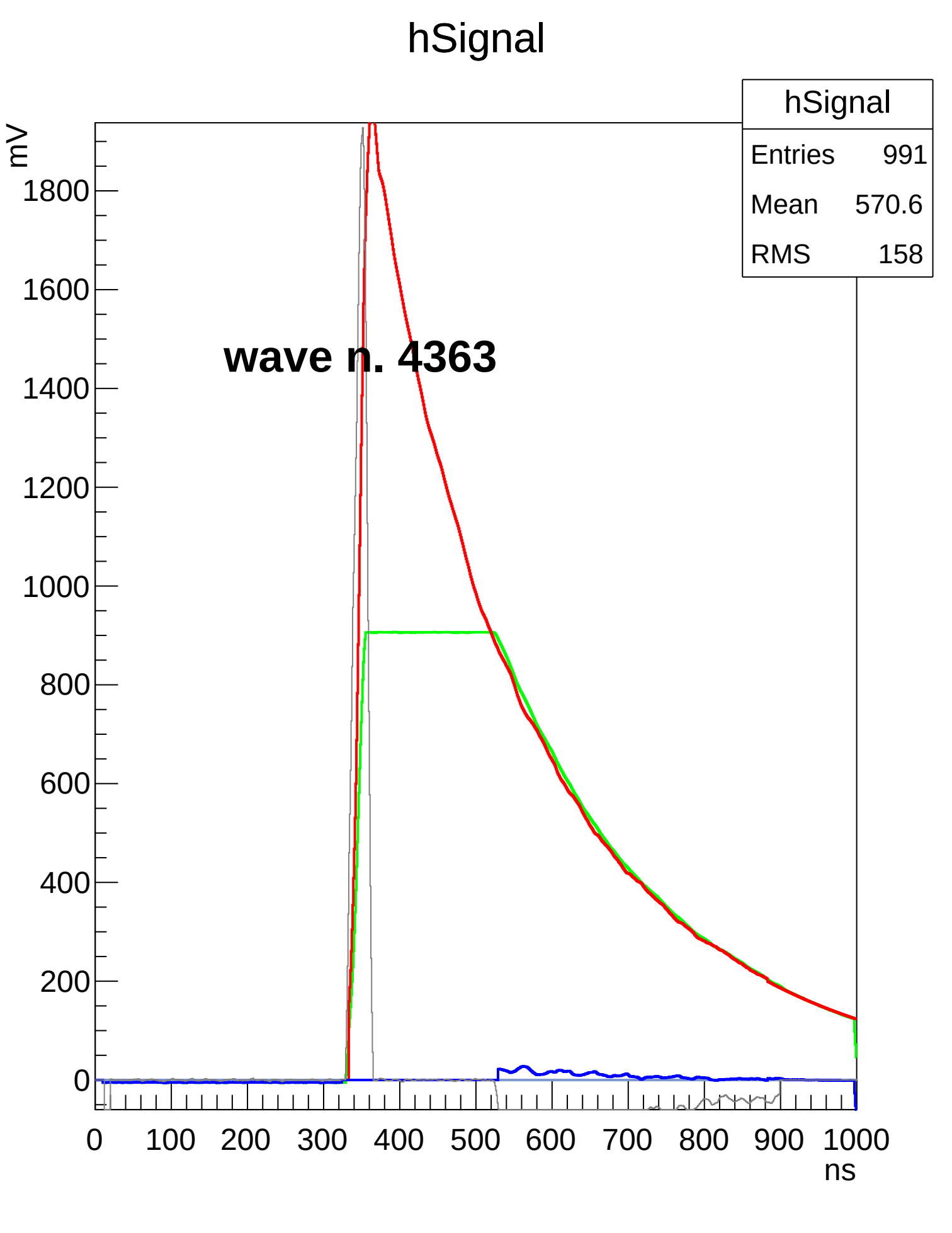
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547.4
RMS 165.4
wave n. 4362
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 570.6
RMS 158
wave n. 4363
mV
1800
1600
1400
1200
1000
800
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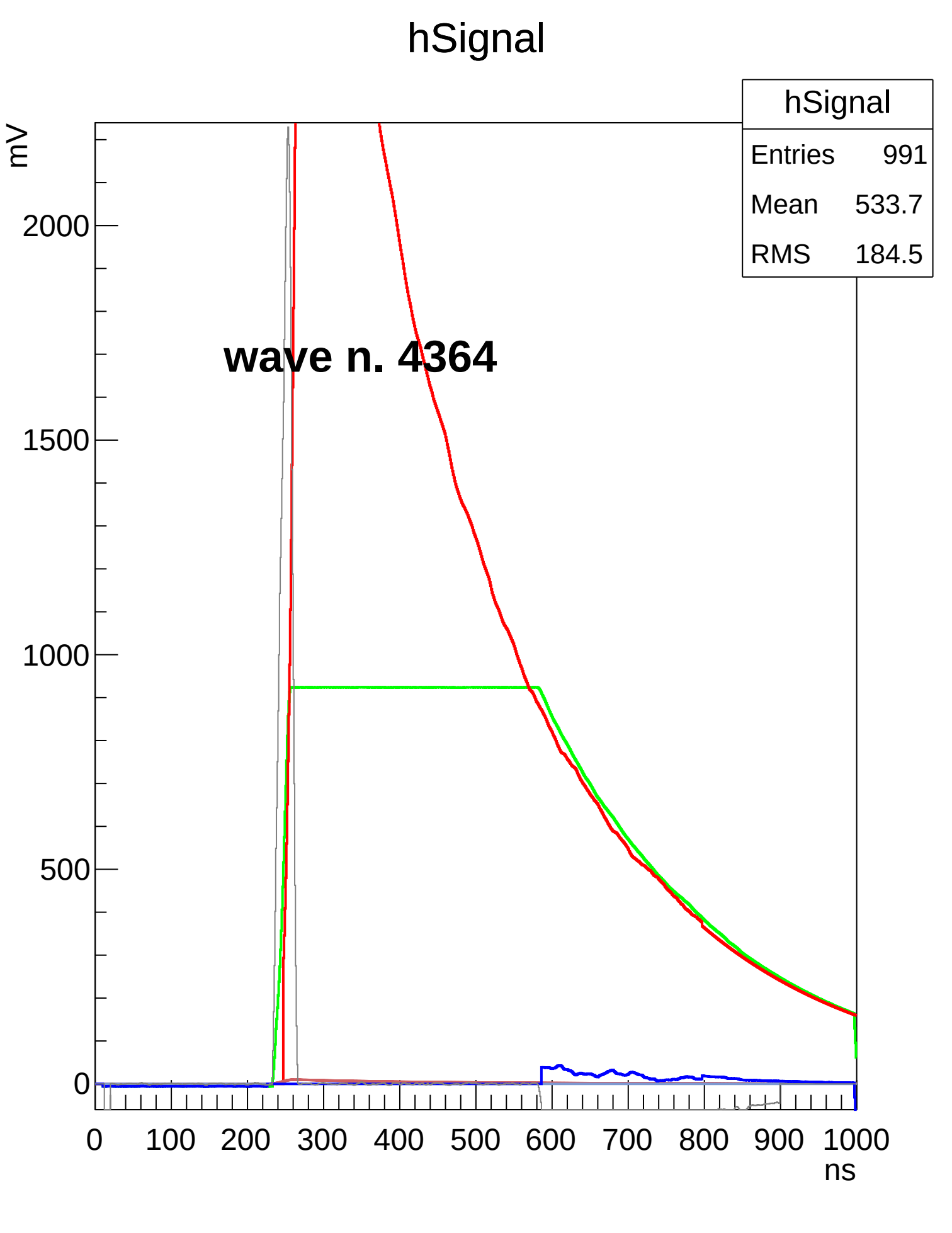
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 533.7
RMS 184.5
wave n. 4364
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500
0
0
100
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400
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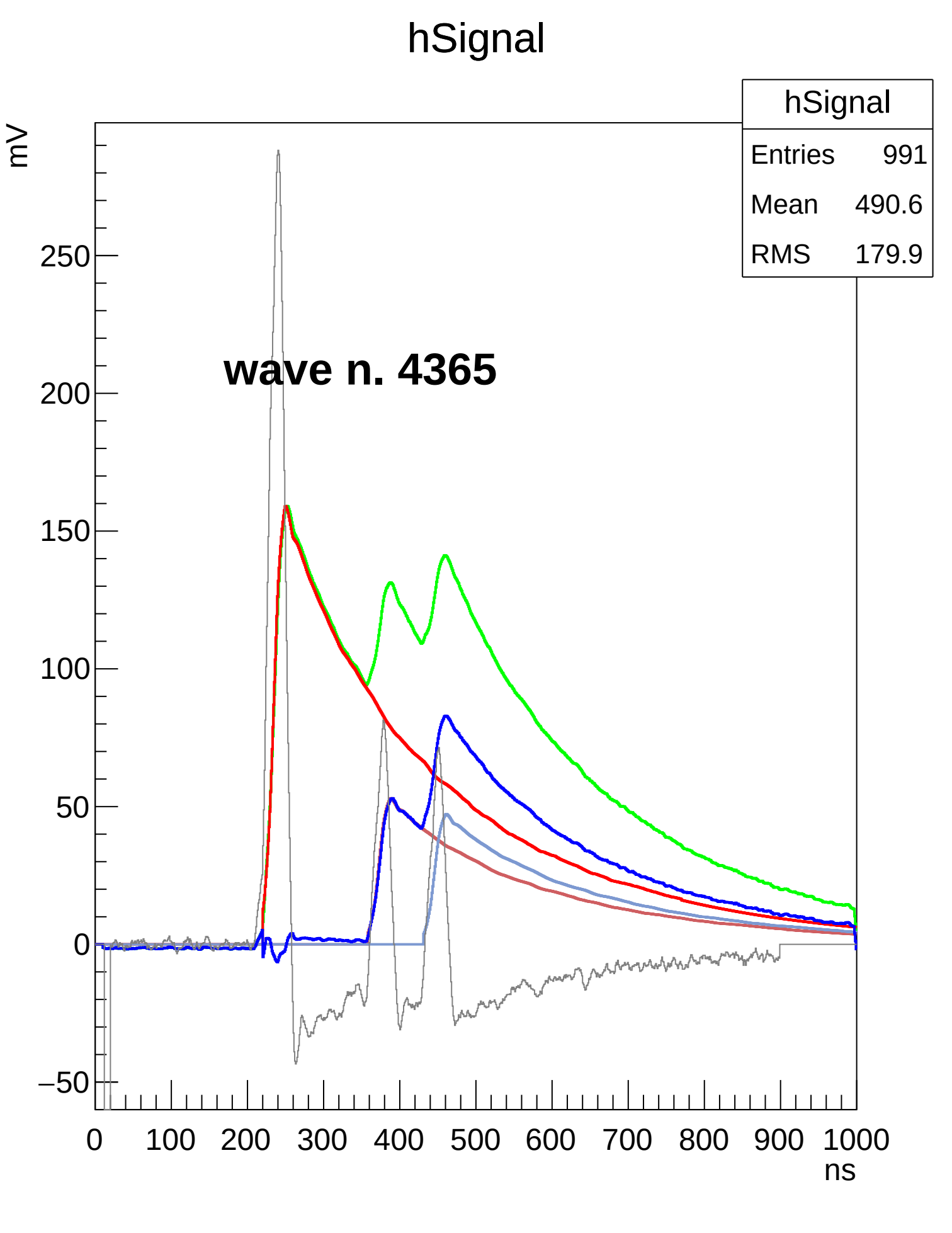
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 490.6
RMS 179.9
wave n. 4365
mV
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50
0
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0
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200
300
400
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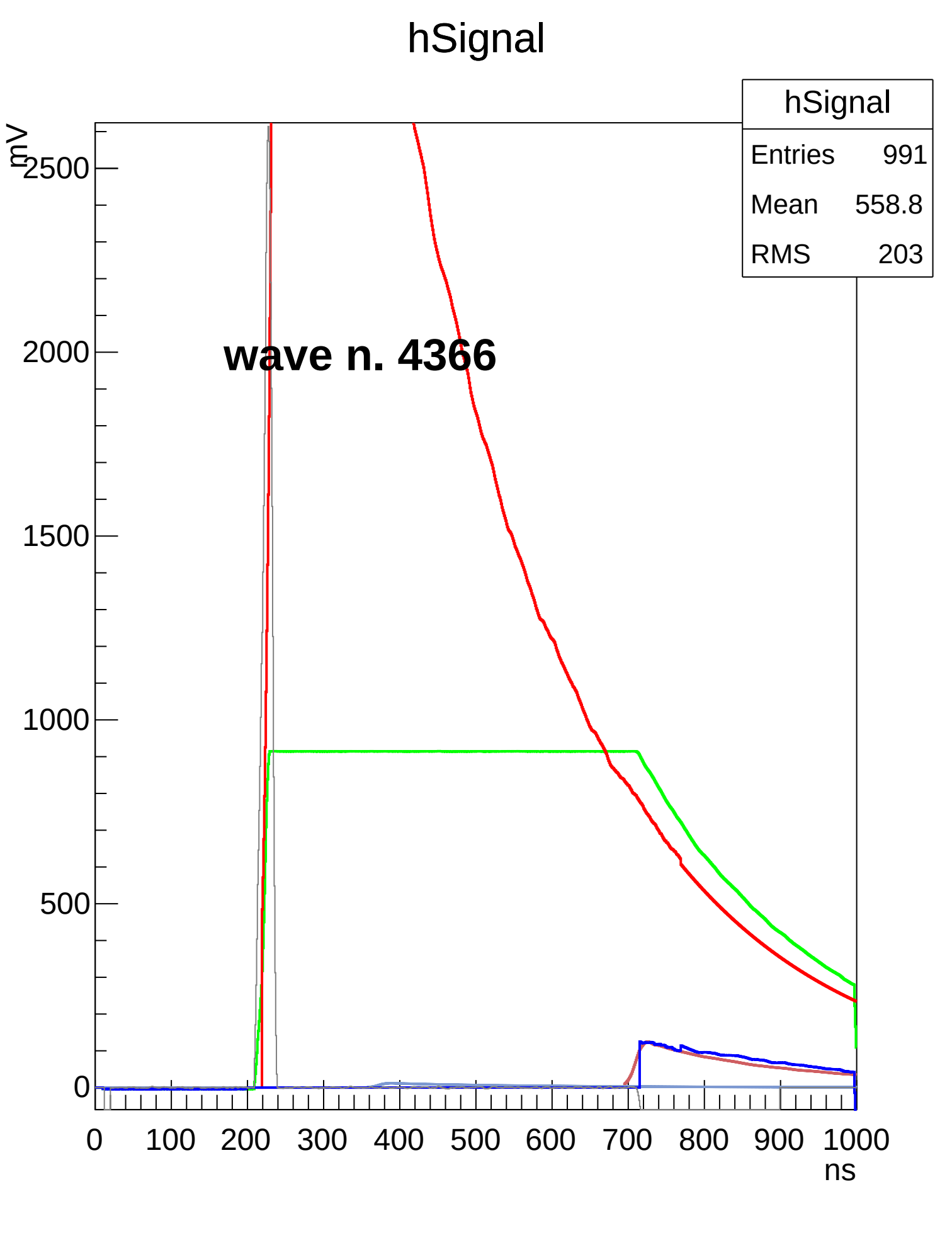
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558.8
RMS 203
wave n. 4366
mV
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1500
1000
500
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400
500
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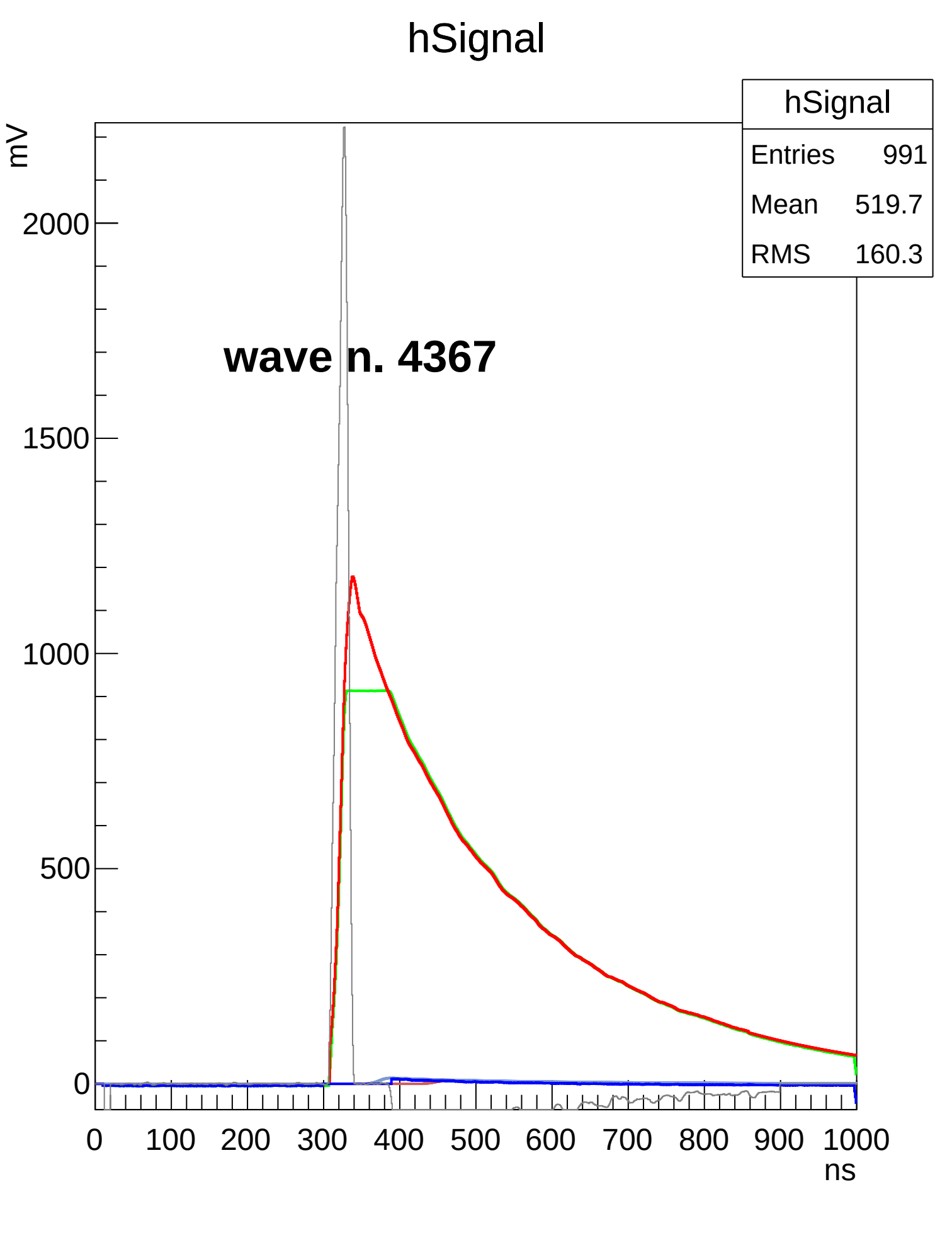
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.7
RMS 160.3
wave n. 4367
mV
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1000
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100
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400
500
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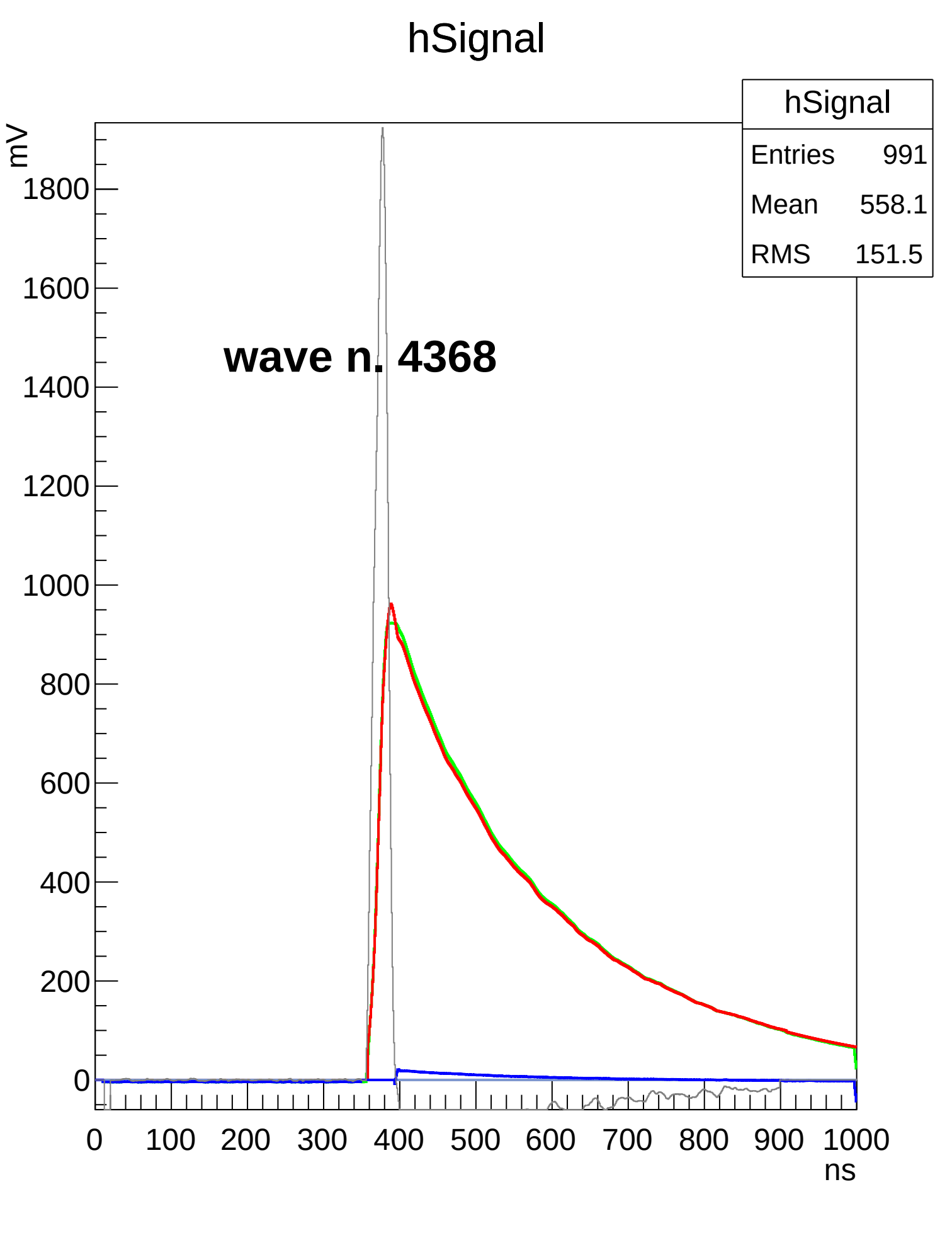
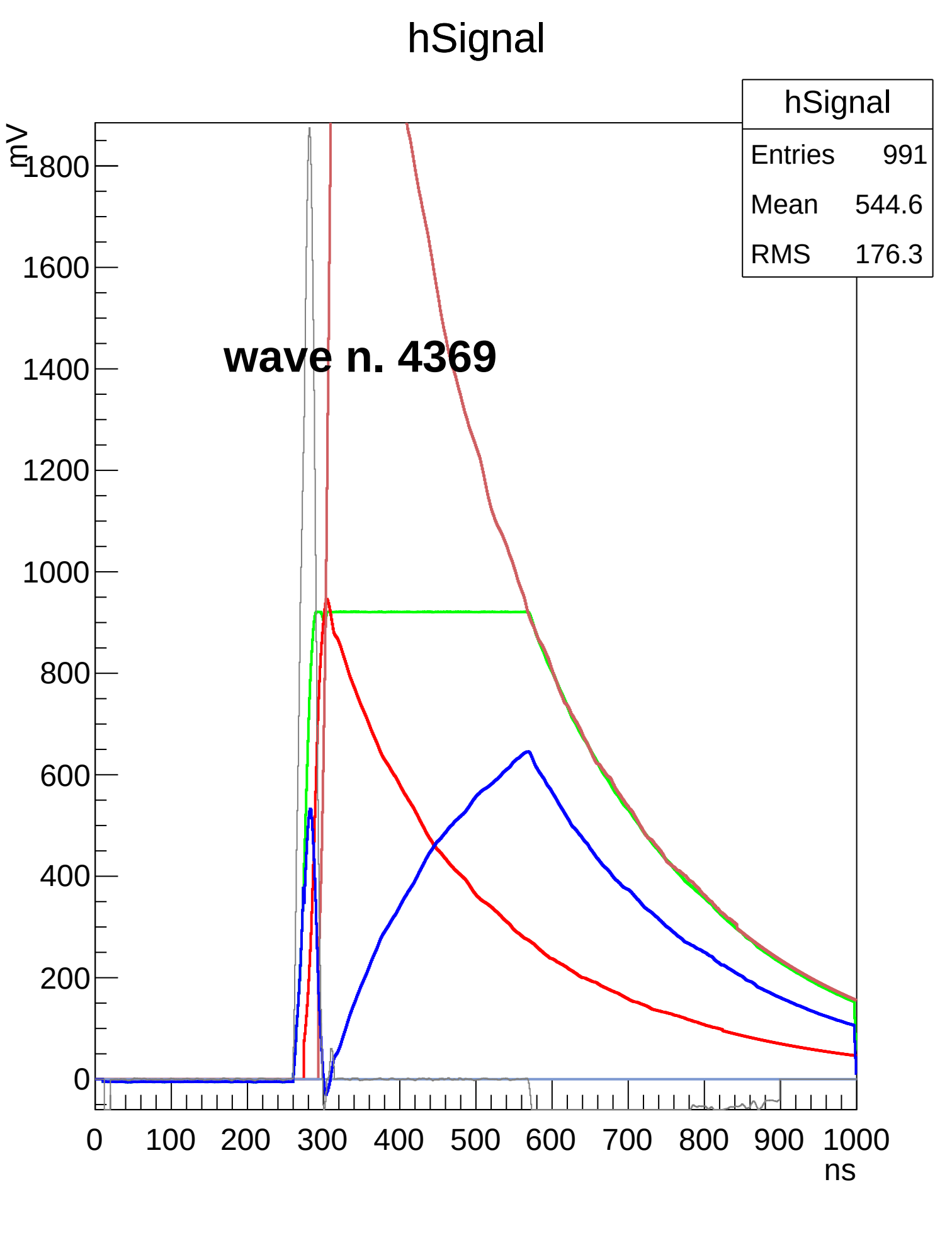
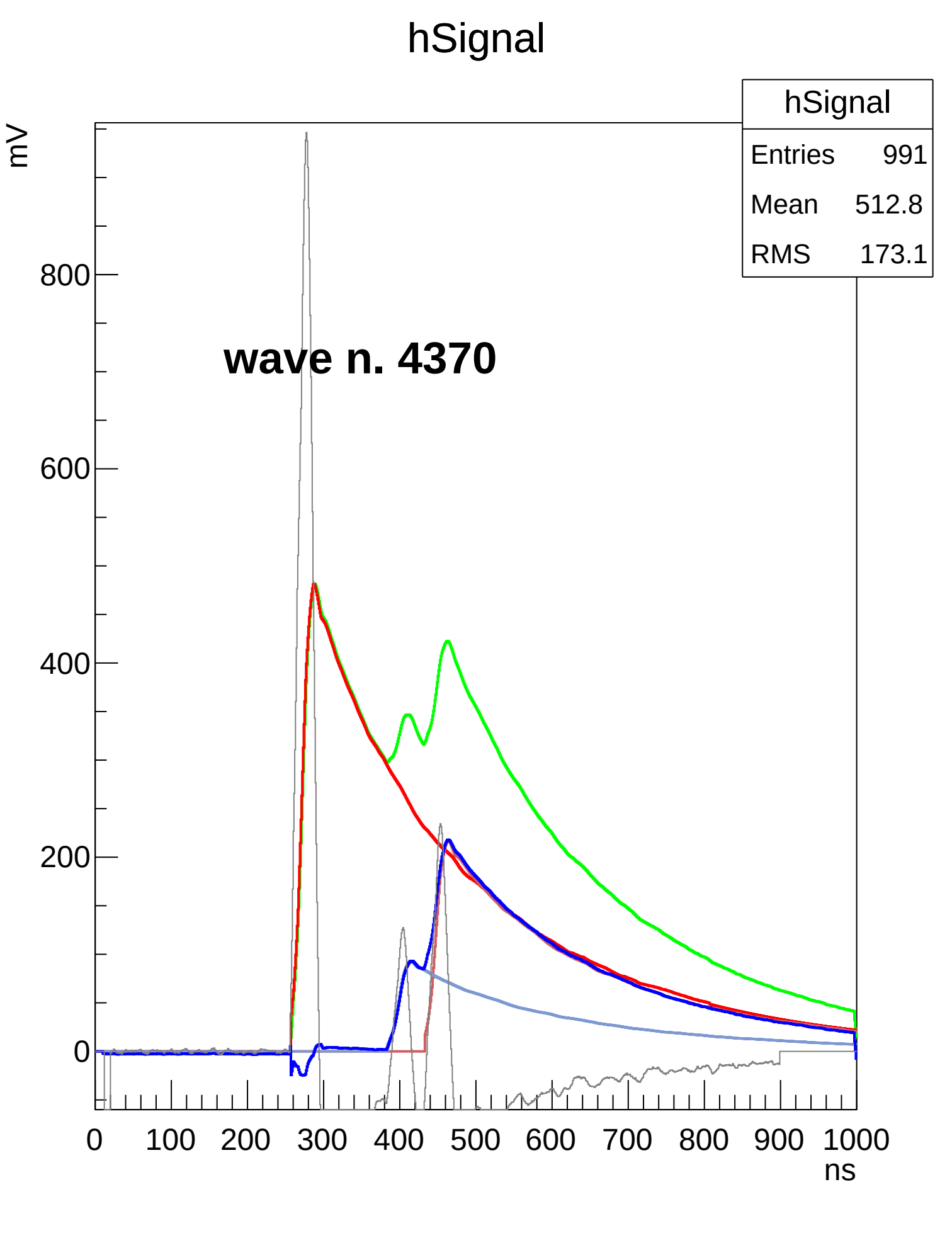
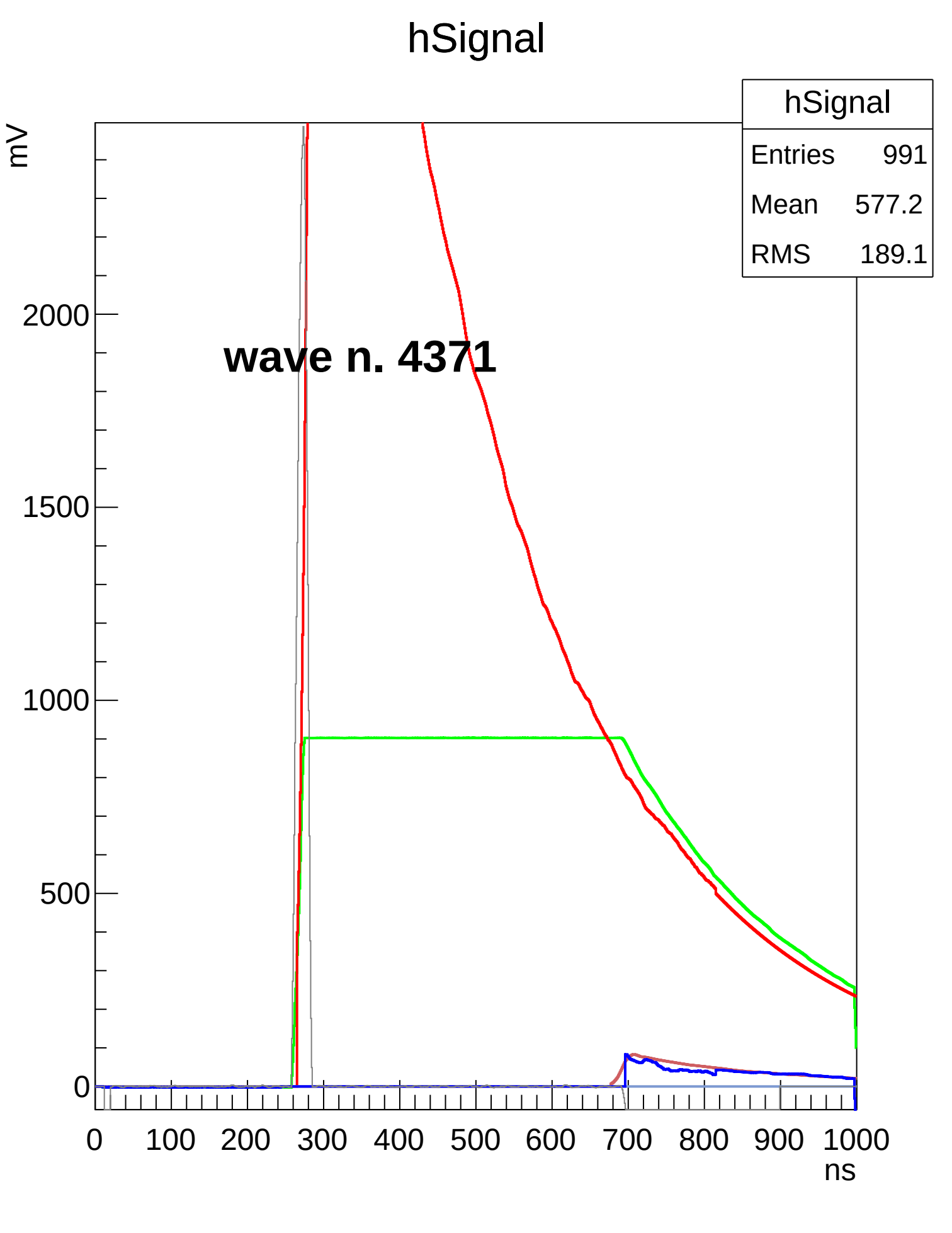
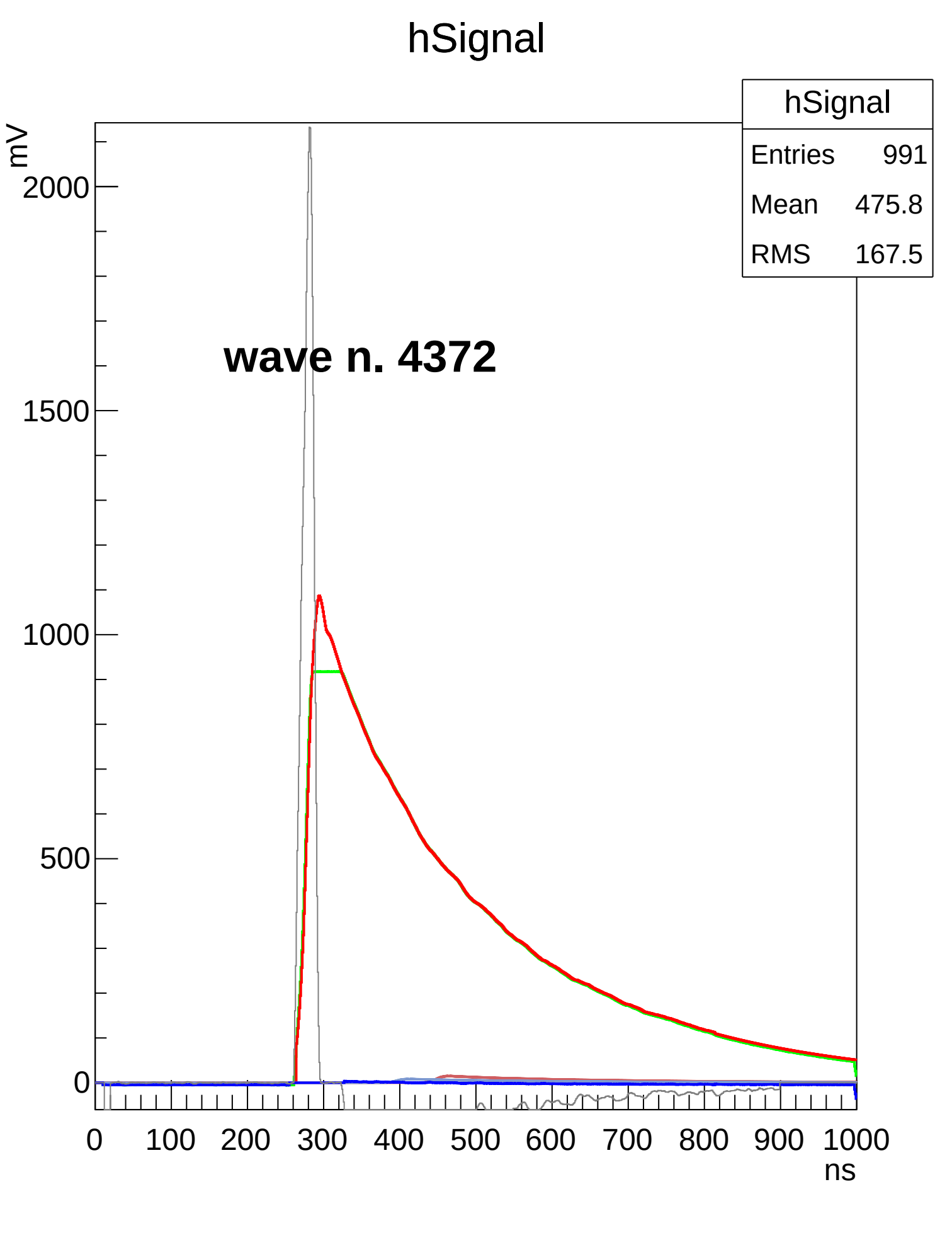
700
800
900
1000
ns

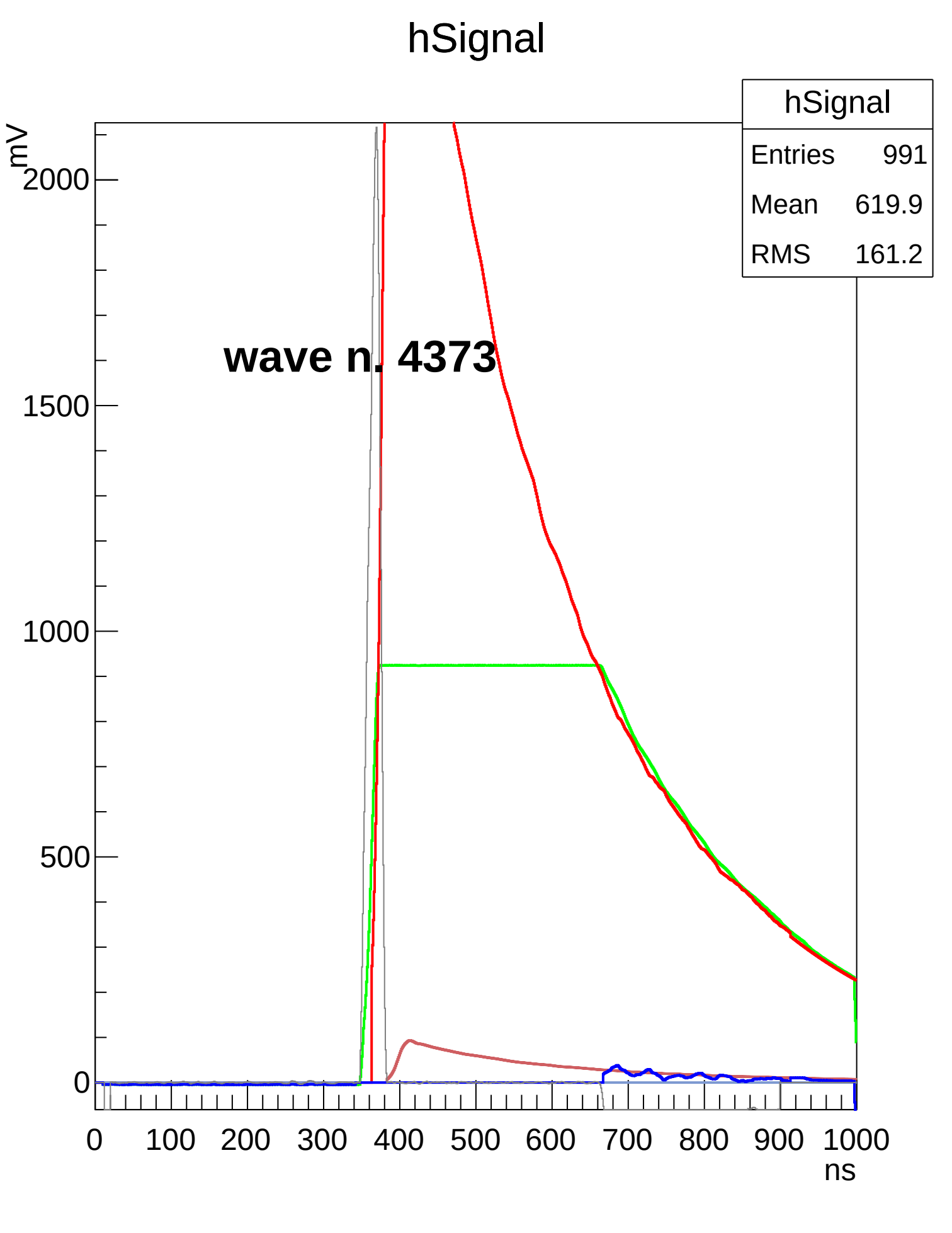

hSignal
hSignal
Entries 991
Mean 558.1
RMS 151.5
wave n. 4368
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

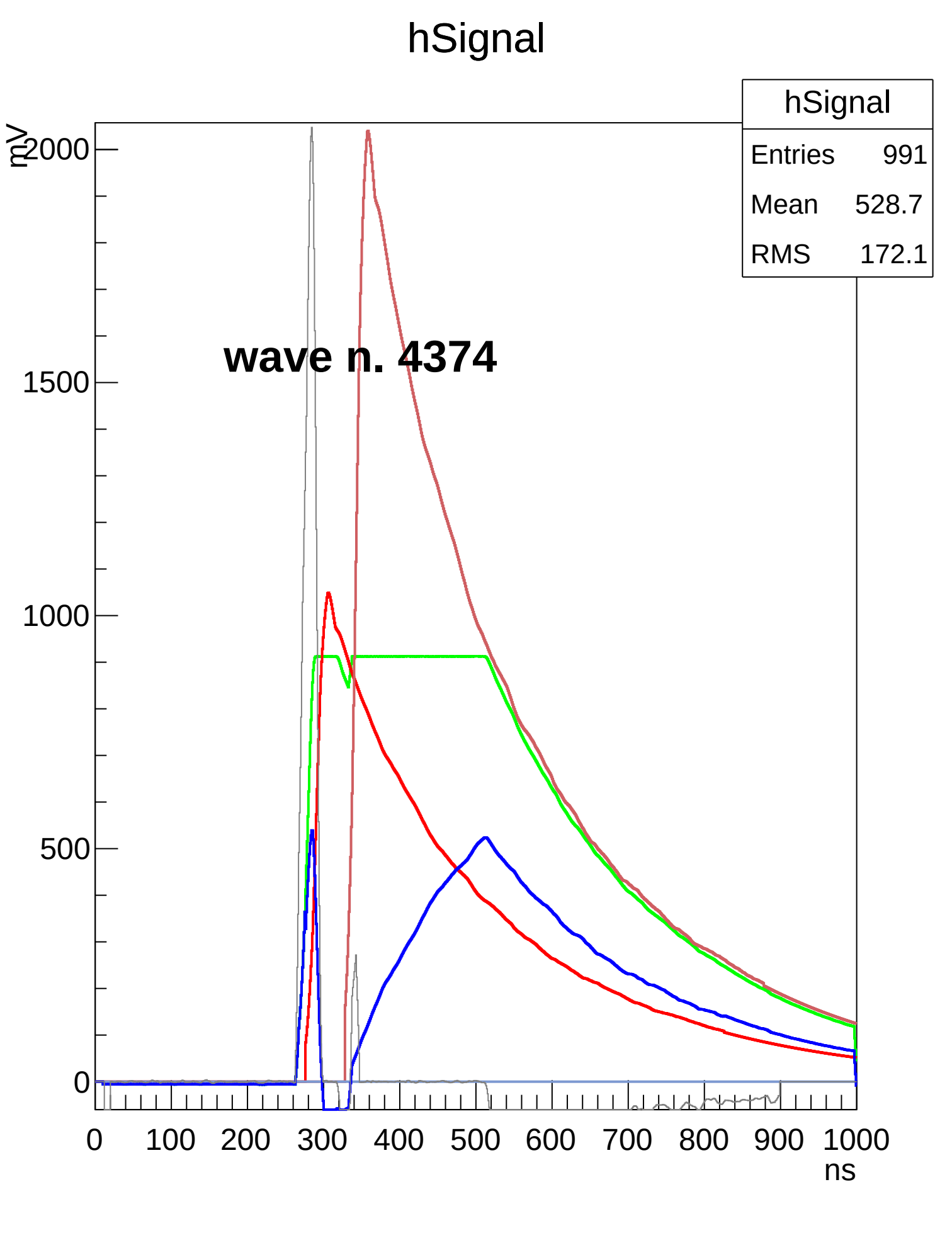

hSignal
hSignal
Entries 991
Mean 544.6
RMS 176.3
wave n. 4369
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

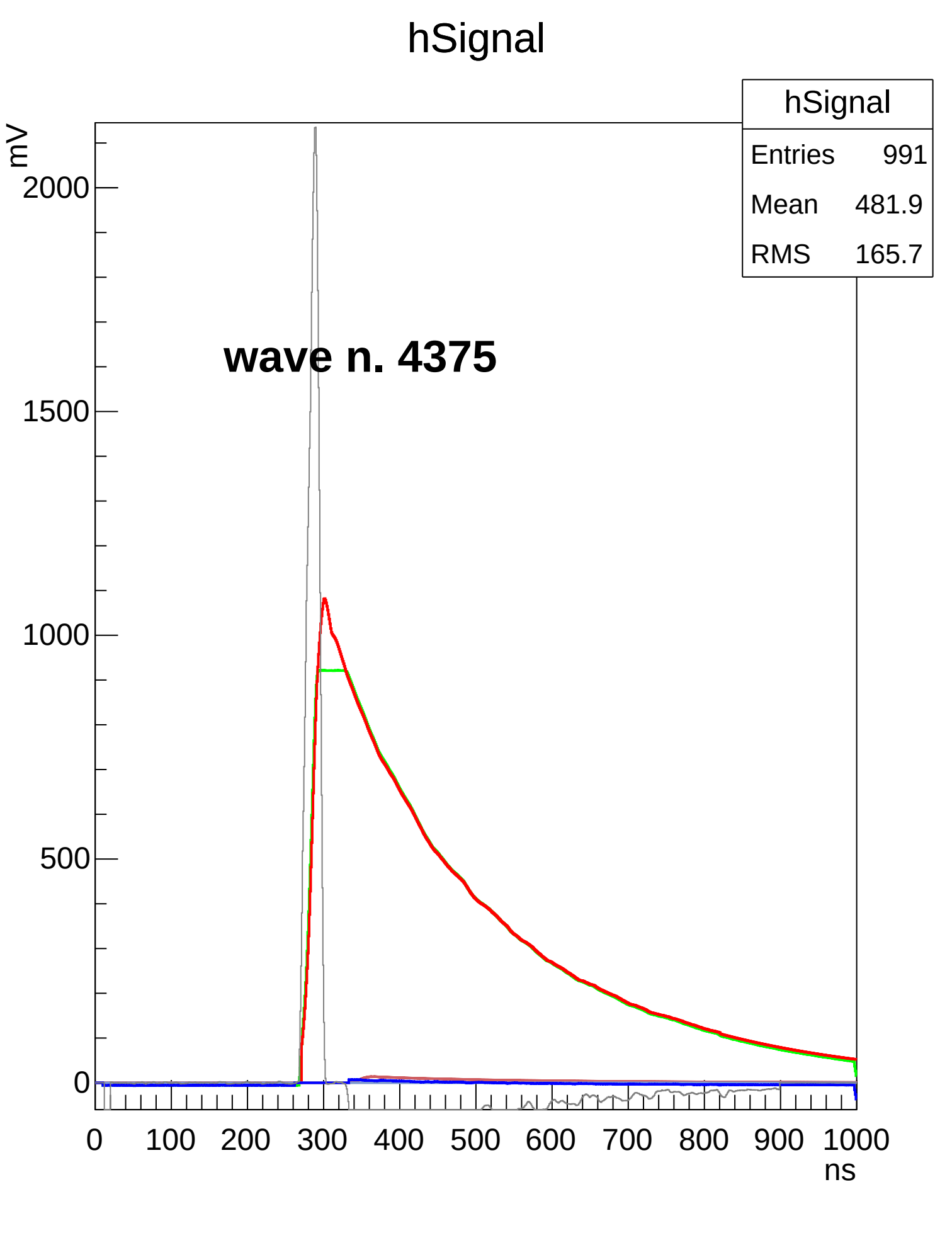

hSignal
hSignal
Entries 991
Mean 512.8
RMS 173.1
wave n. 4370
mV
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 577.2
RMS 189.1
wave n. 4371
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 475.8
RMS 167.5
wave n. 4372
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 619.9
RMS 161.2
wave n. 4373
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 528.7
RMS 172.1
wave n. 4374
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481.9
RMS 165.7
wave n. 4375
mV
2000
1500
1000
500
0
0
100
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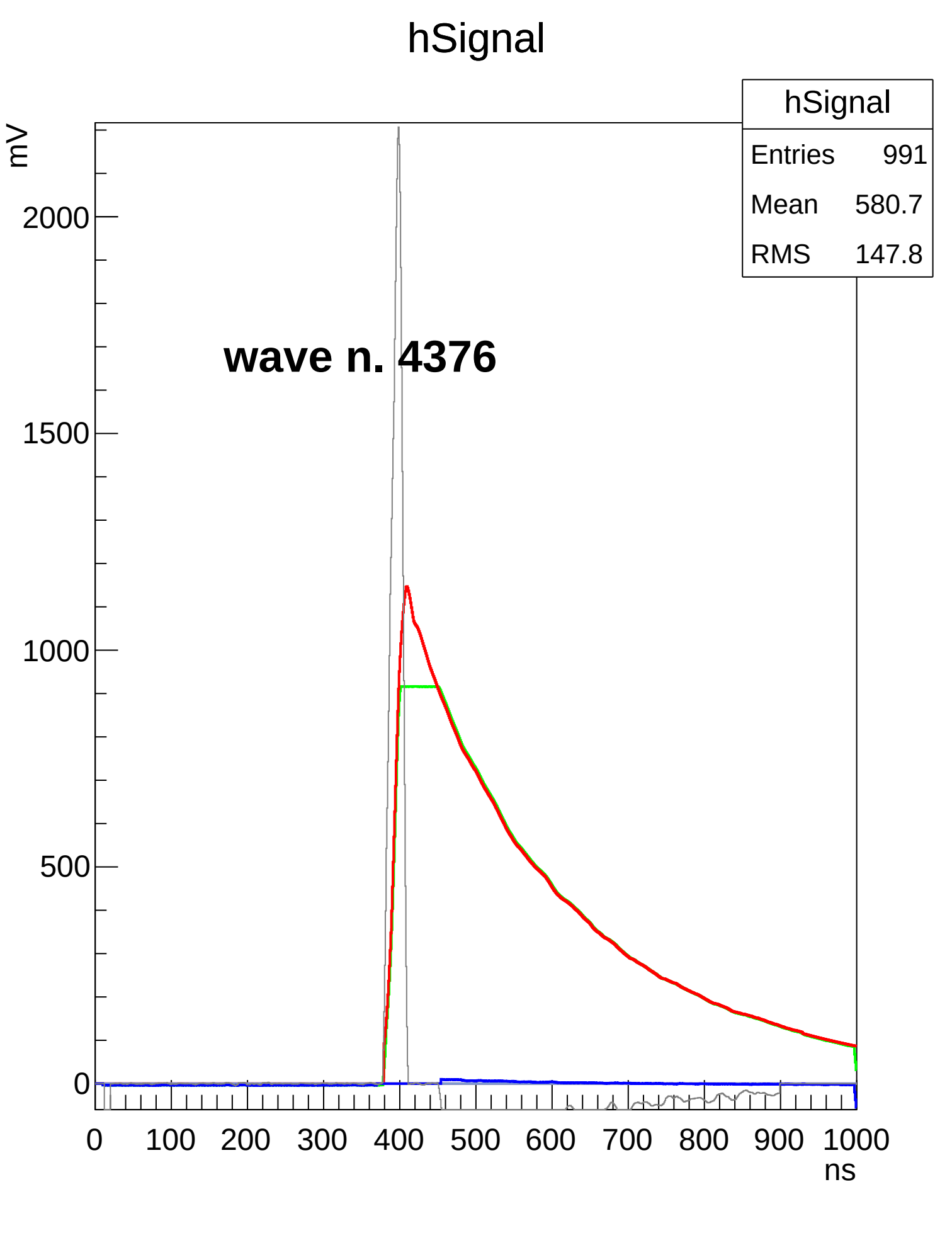
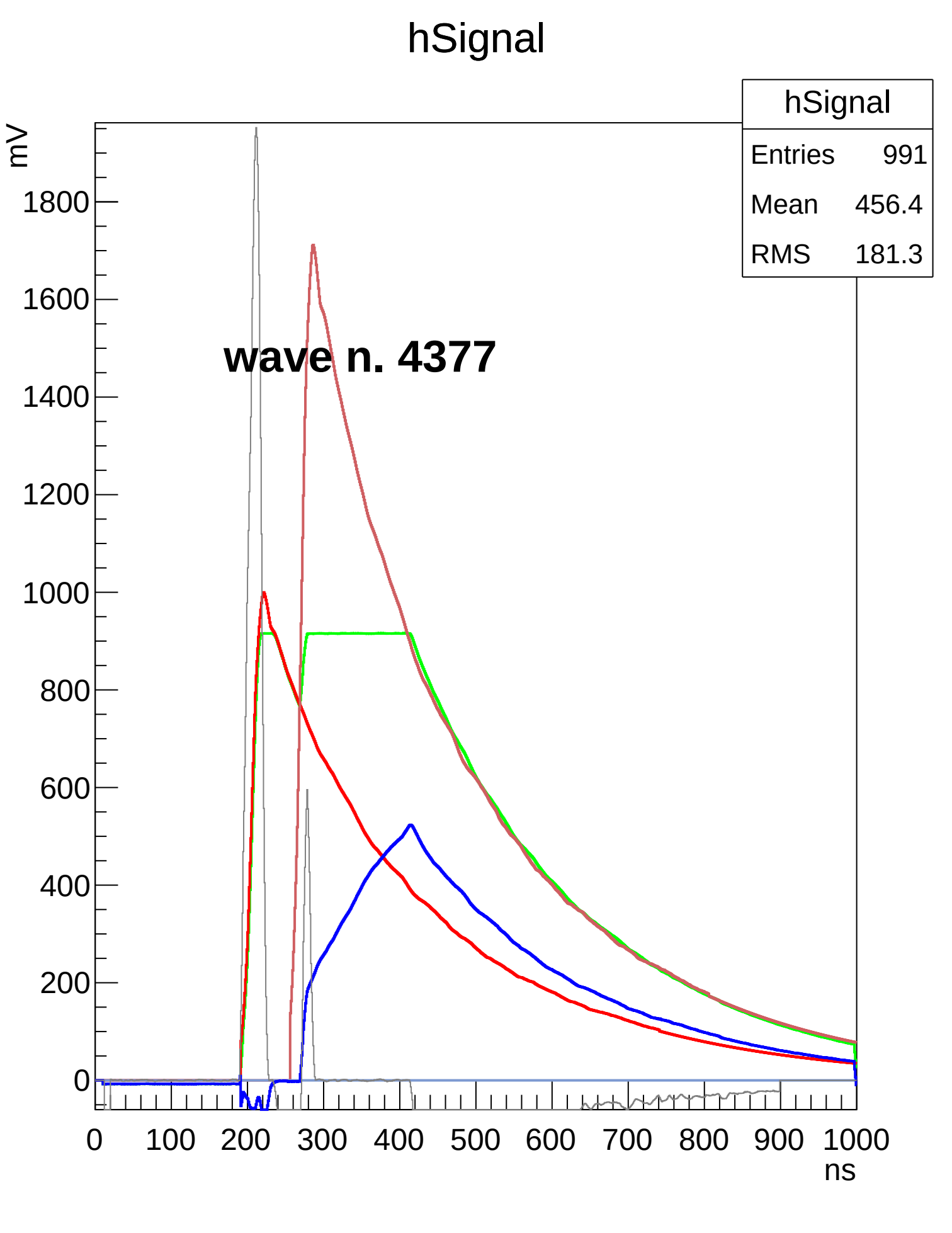
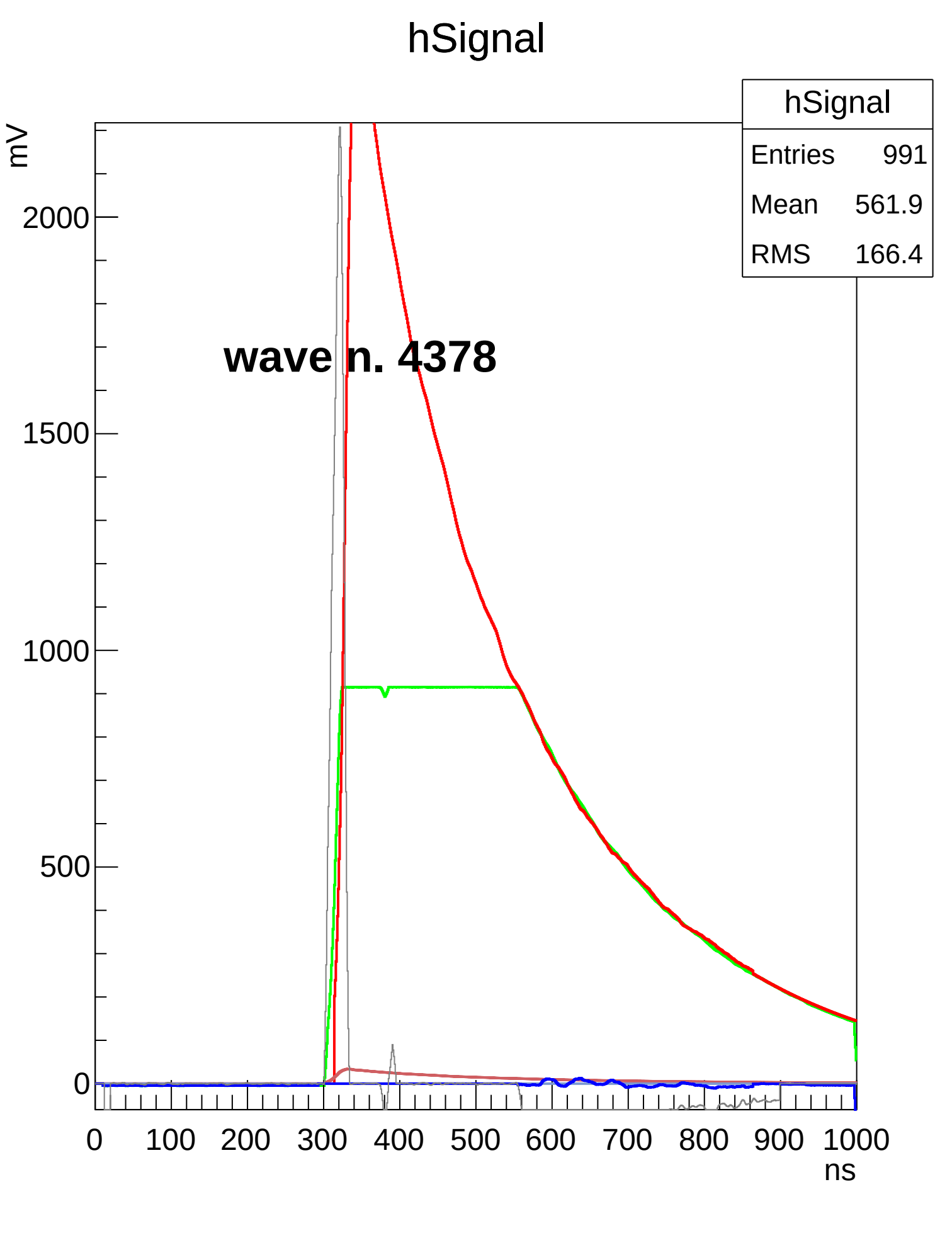
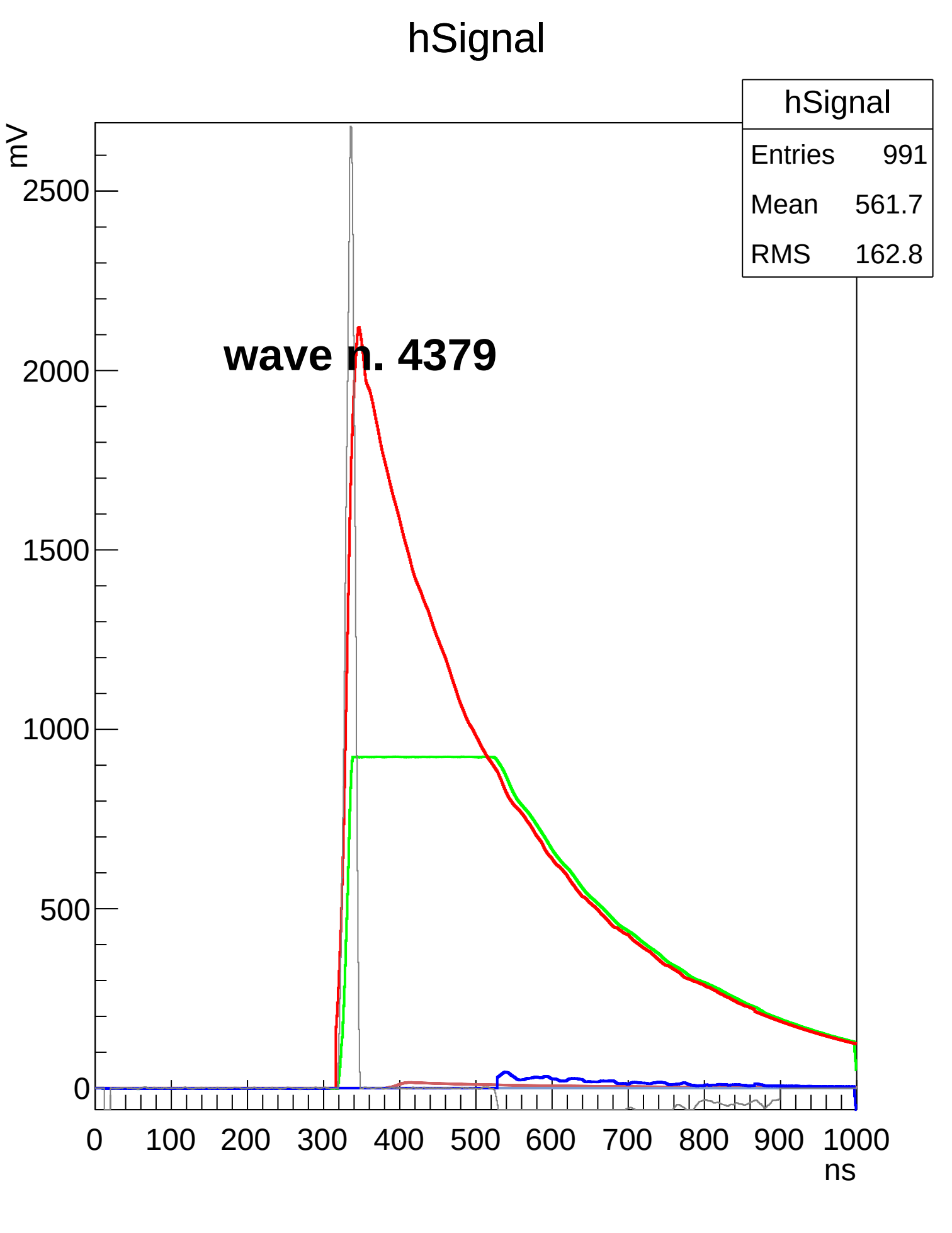
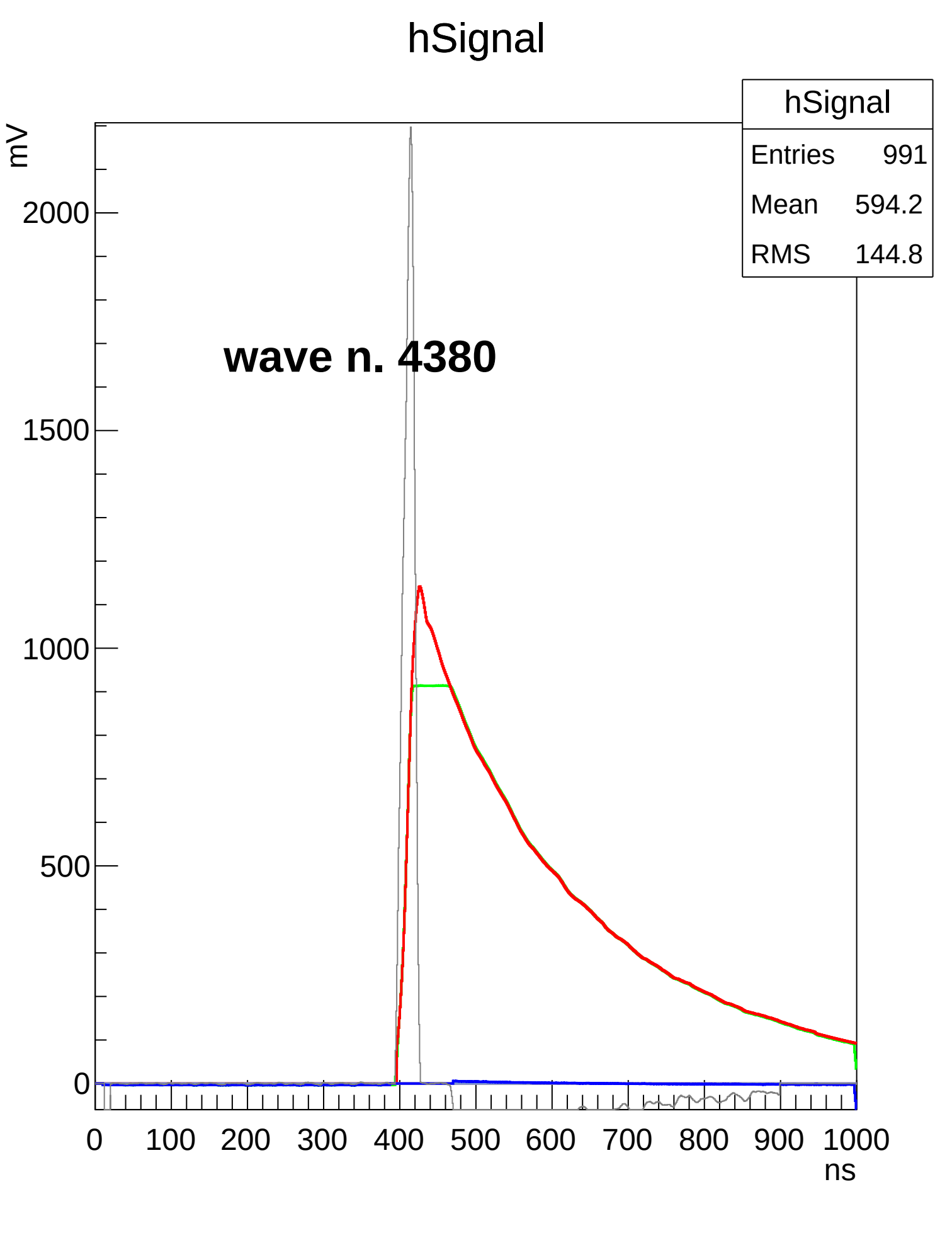
800
900
1000
ns

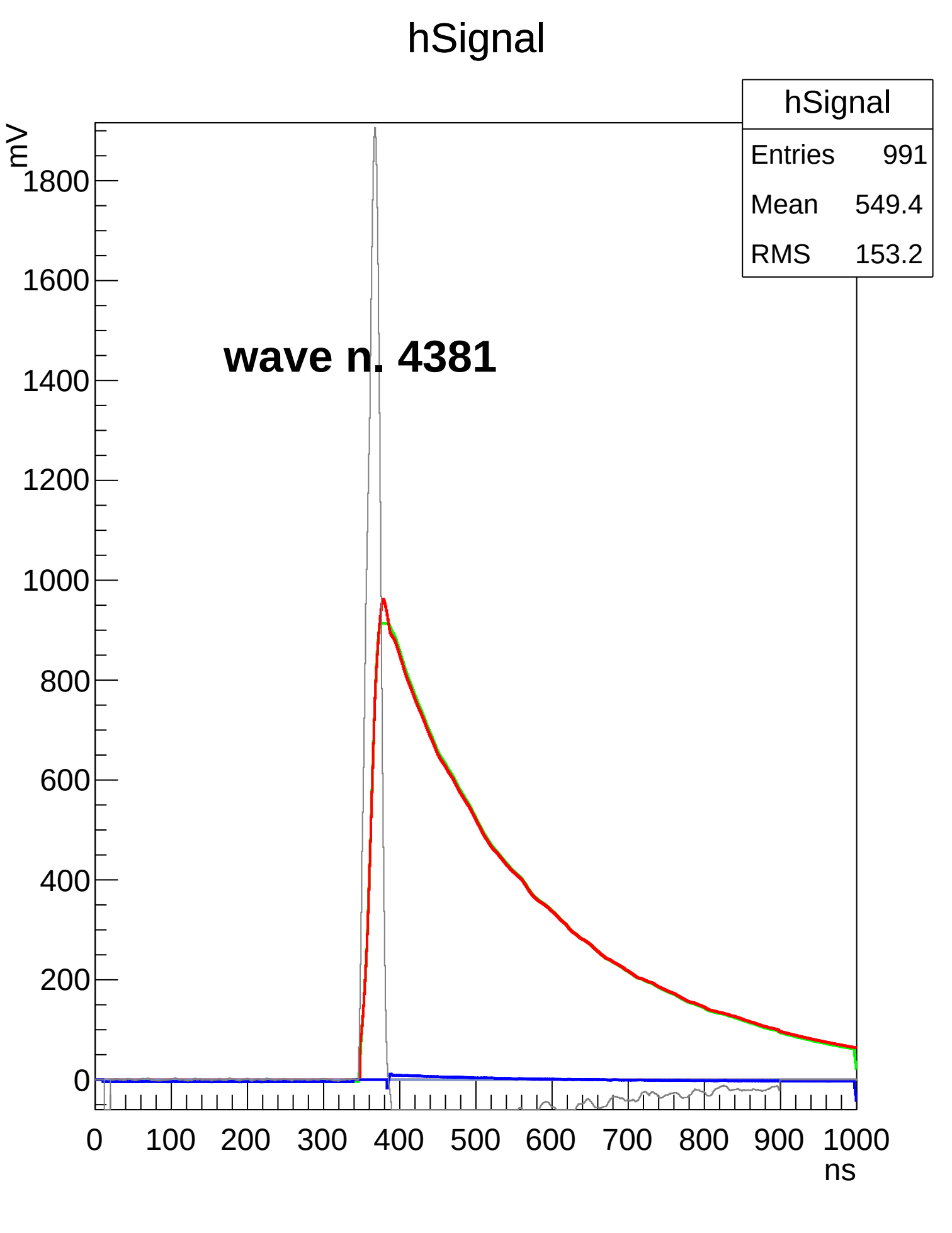

hSignal
hSignal
Entries 991
Mean 580.7
RMS 147.8
wave n. 4376
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

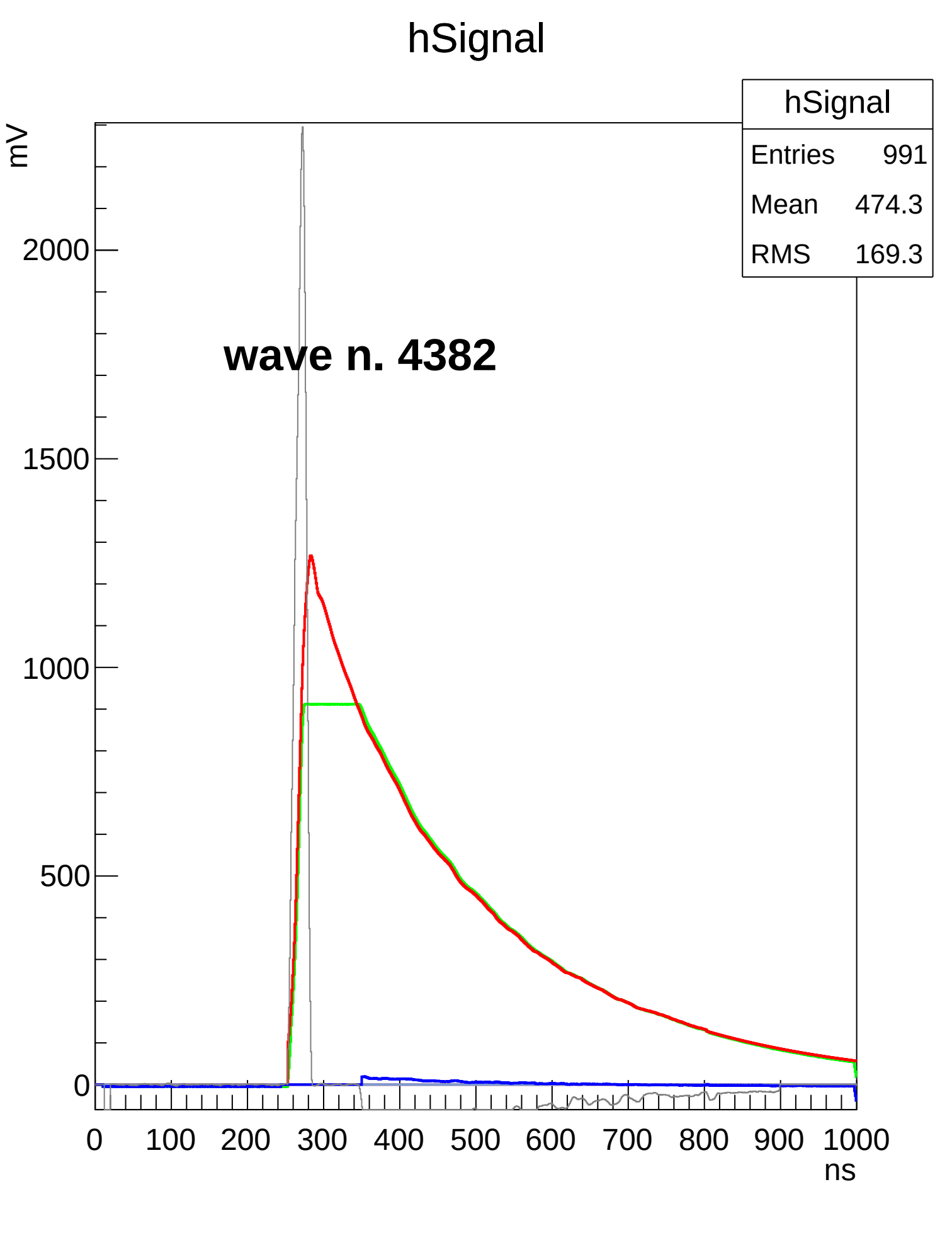

hSignal
hSignal
Entries 991
Mean 456.4
RMS 181.3
wave n. 4377
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

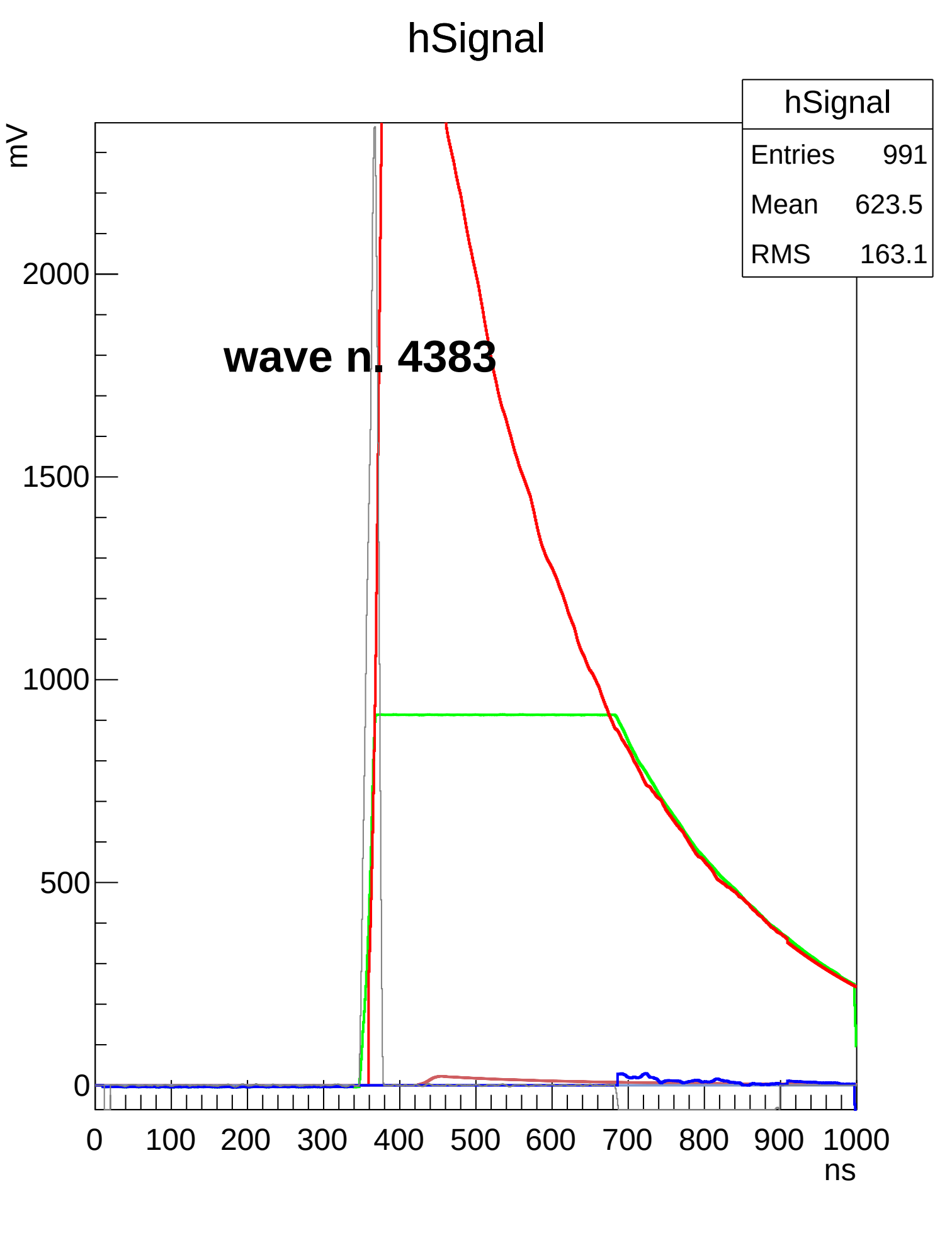

hSignal
hSignal
Entries 991
Mean 561.9
RMS 166.4
wave n. 4378
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 561.7
RMS 162.8
wave n. 4379
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 594.2
RMS 144.8
wave n. 4380
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.4
RMS 153.2
wave n. 4381
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 474.3
RMS 169.3
wave n. 4382
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 623.5
RMS 163.1
wave n. 4383
mV
2000
1500
1000
500
0
0
100
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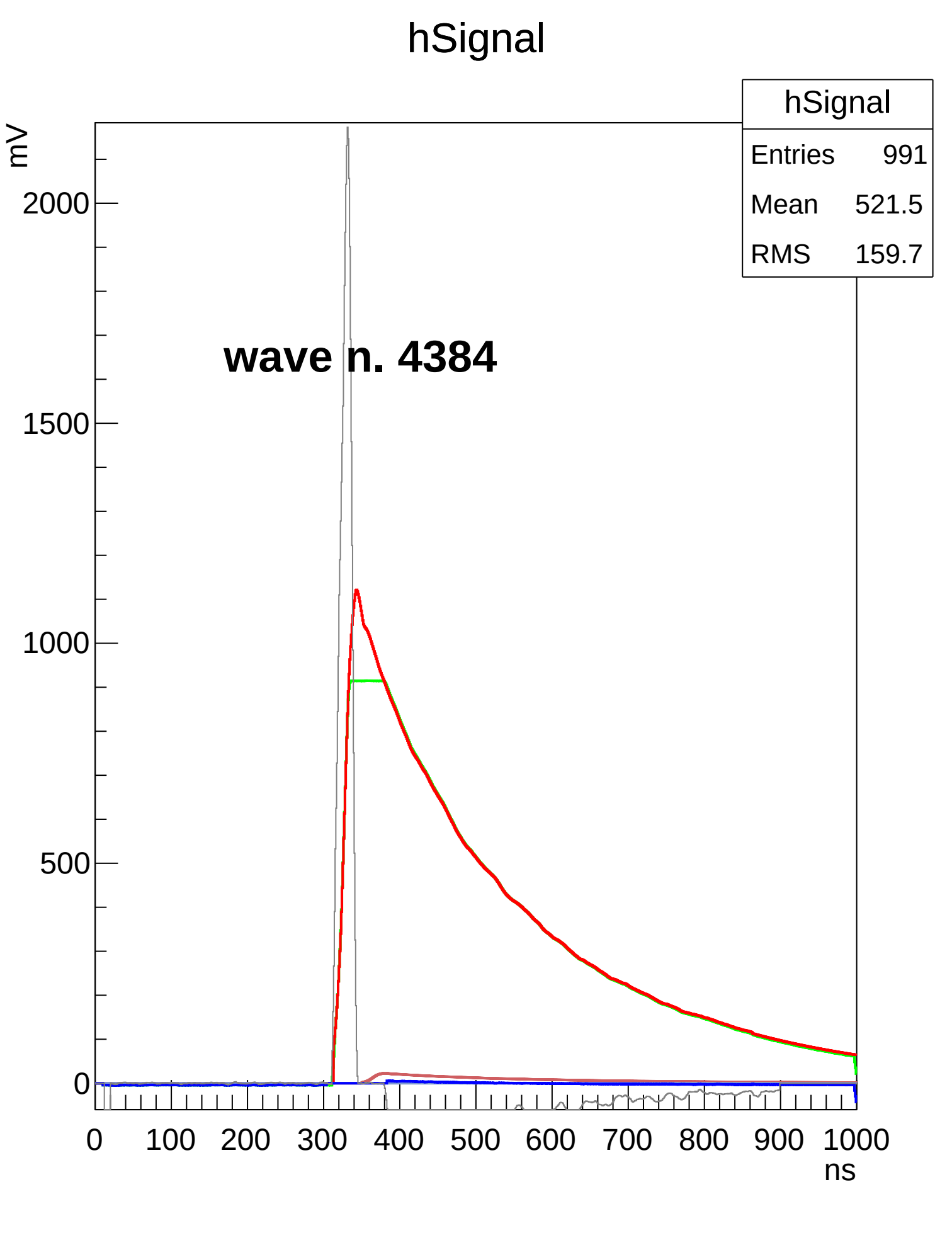
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521.5
RMS 159.7
wave n. 4384
mV
2000
1500
1000
500
0
0
100
200
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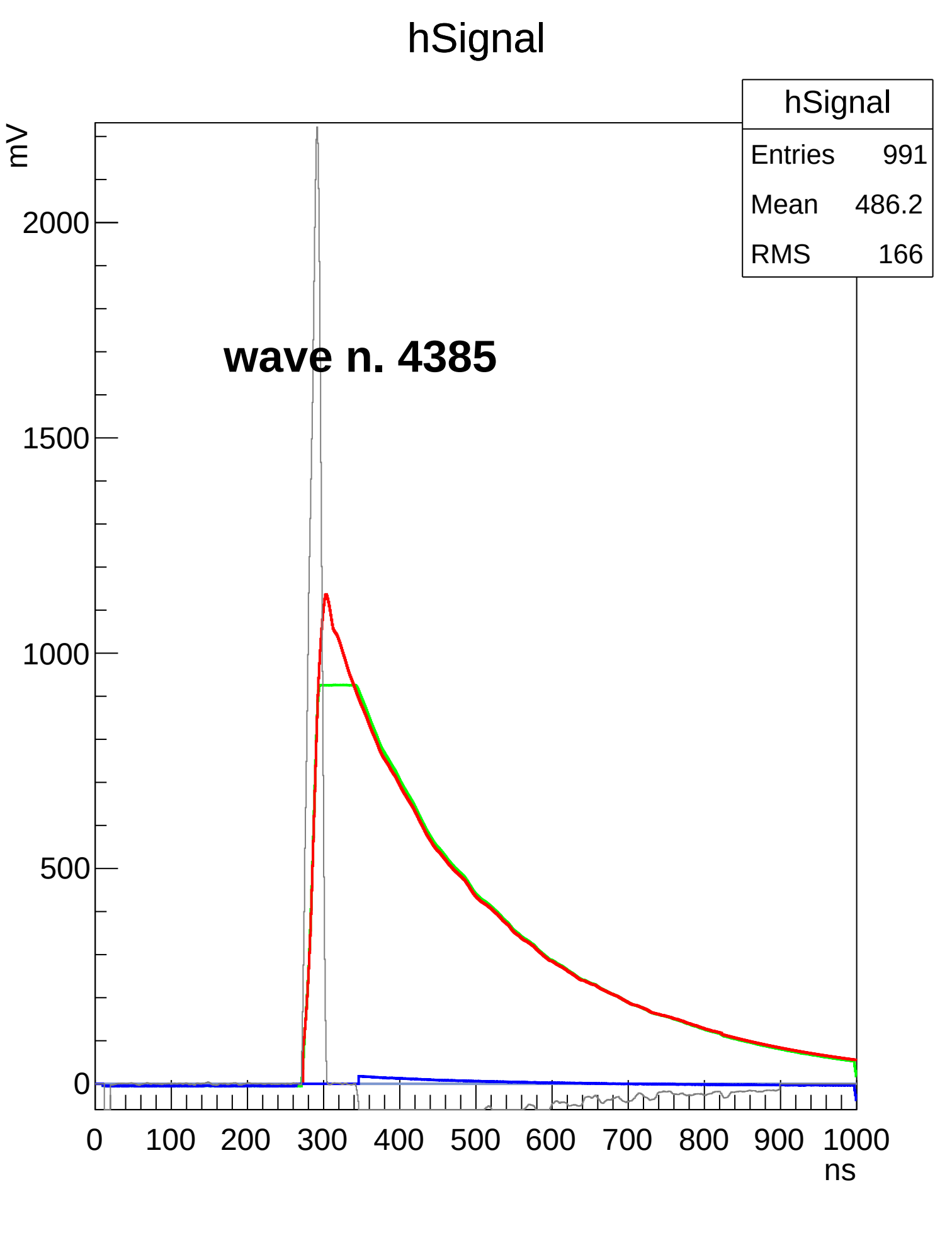
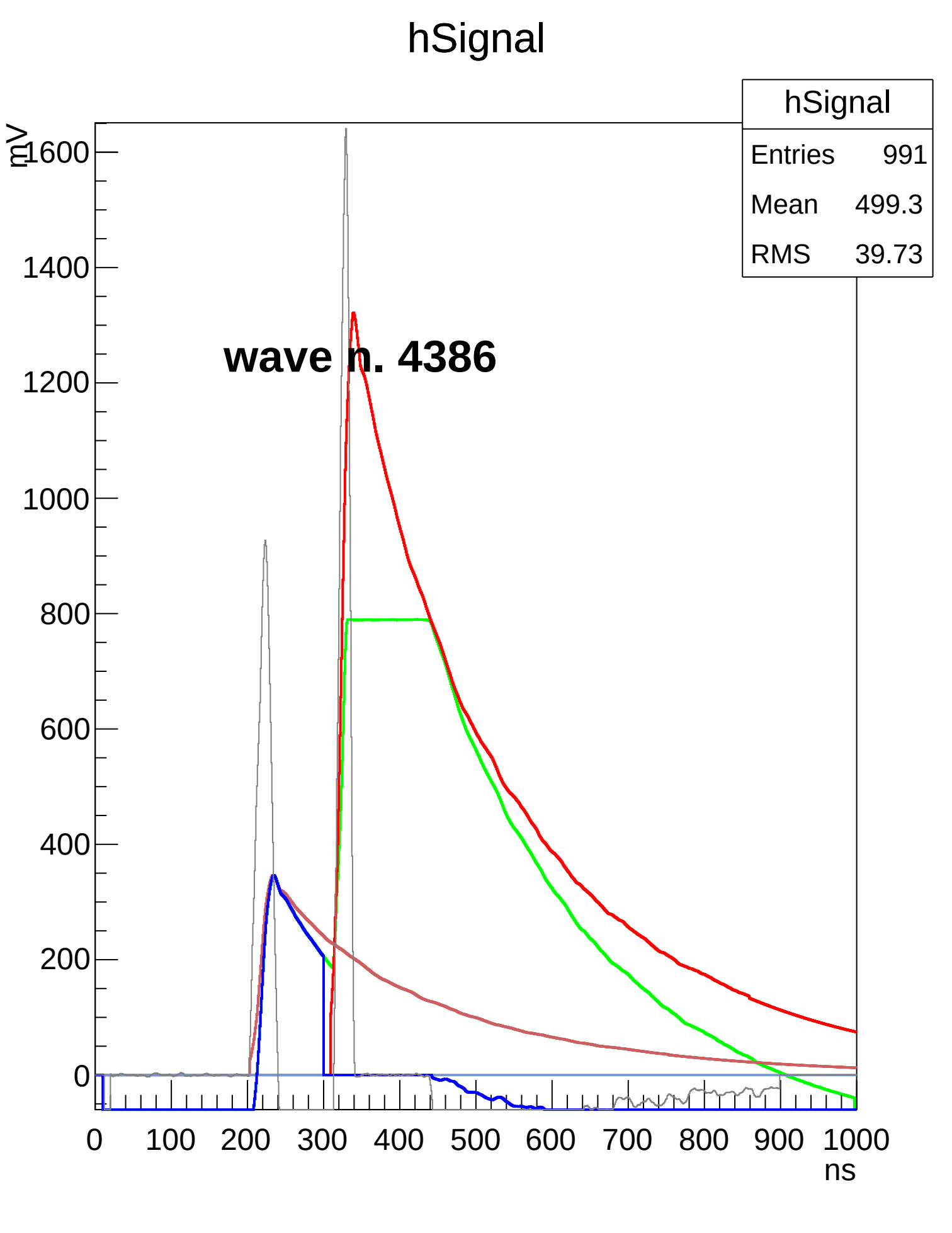
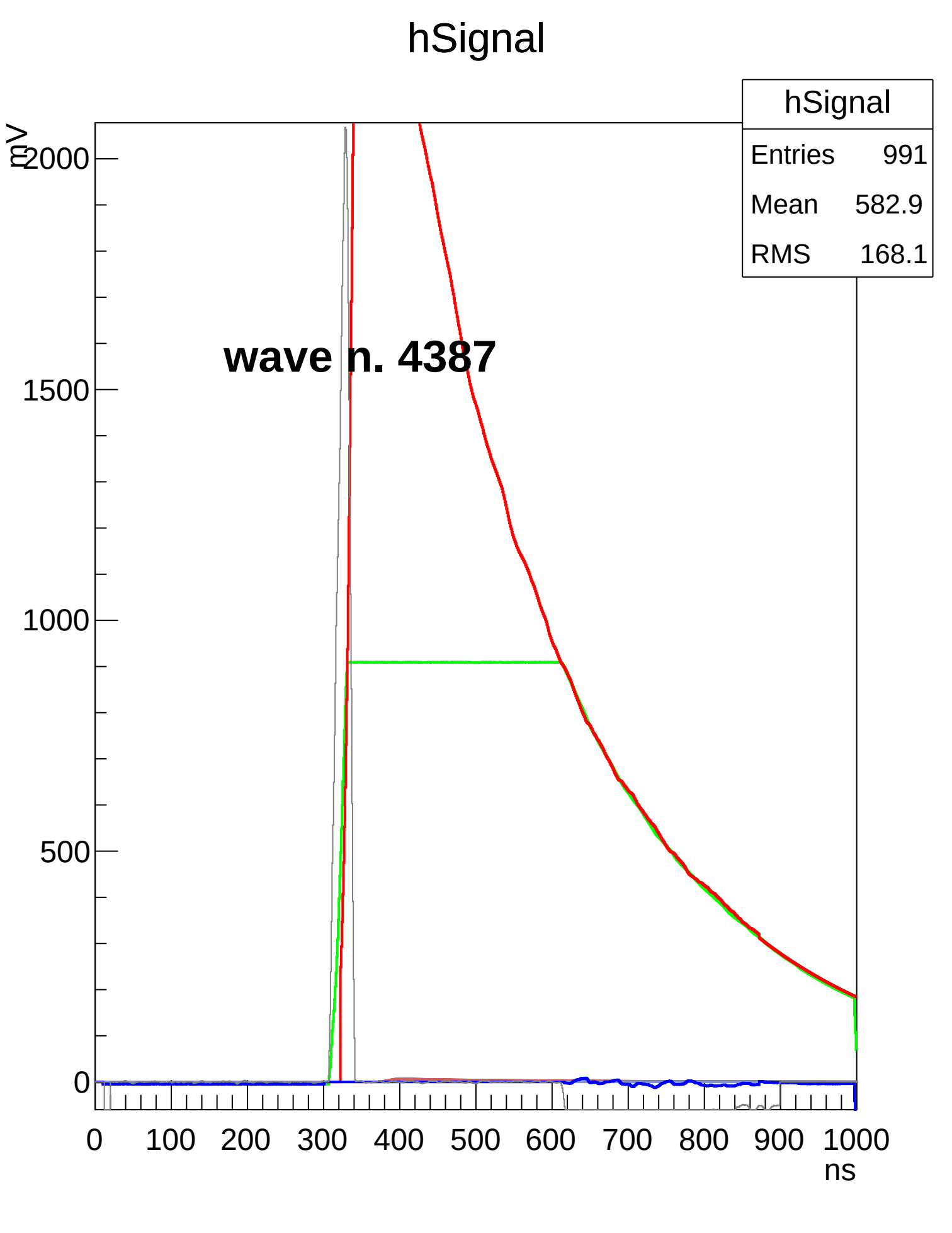
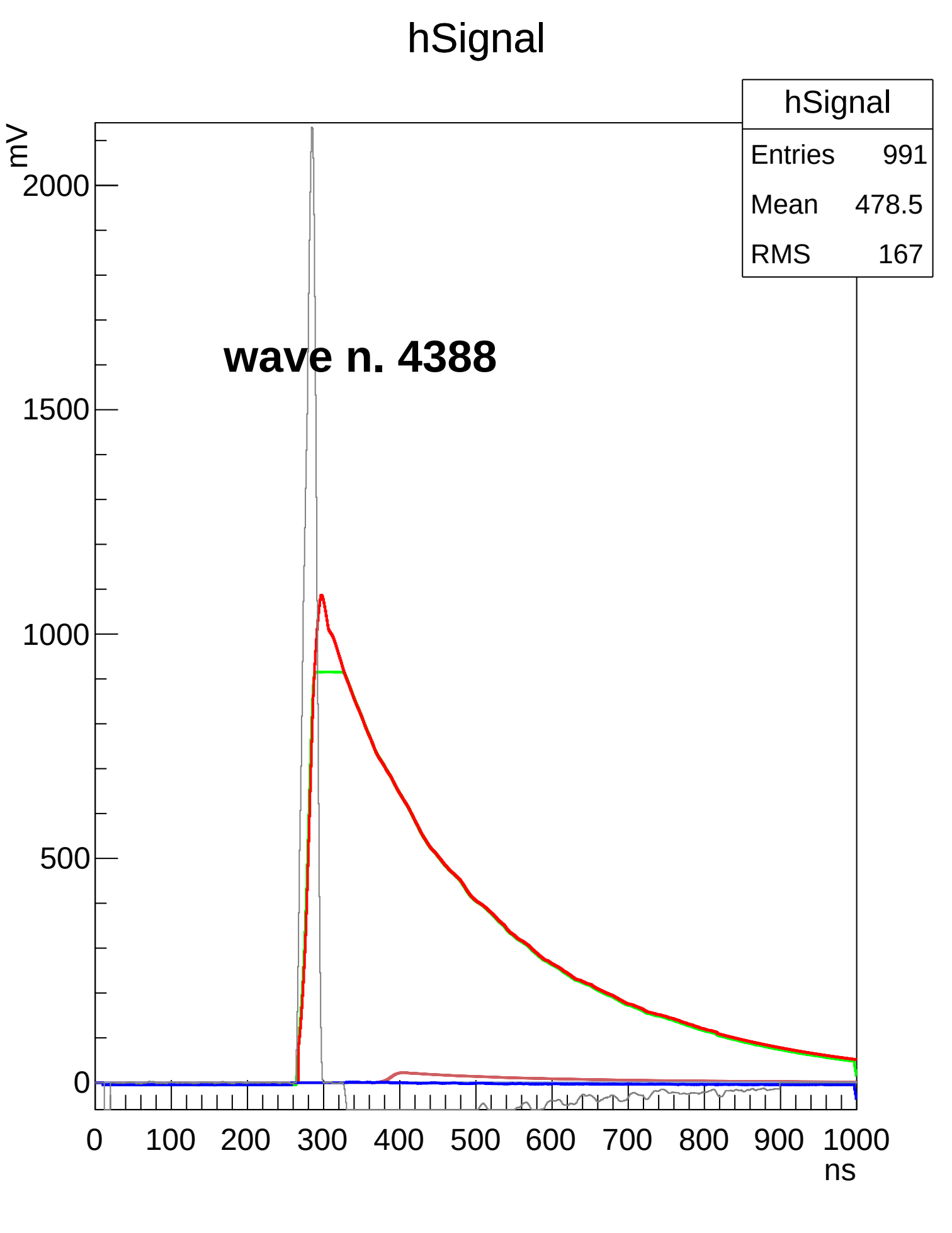
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486.2
RMS 166
wave n. 4385
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.3
RMS 39.73
wave n. 4386
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 582.9
RMS 168.1
wave n. 4387
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 478.5
RMS 167
wave n. 4388
mV
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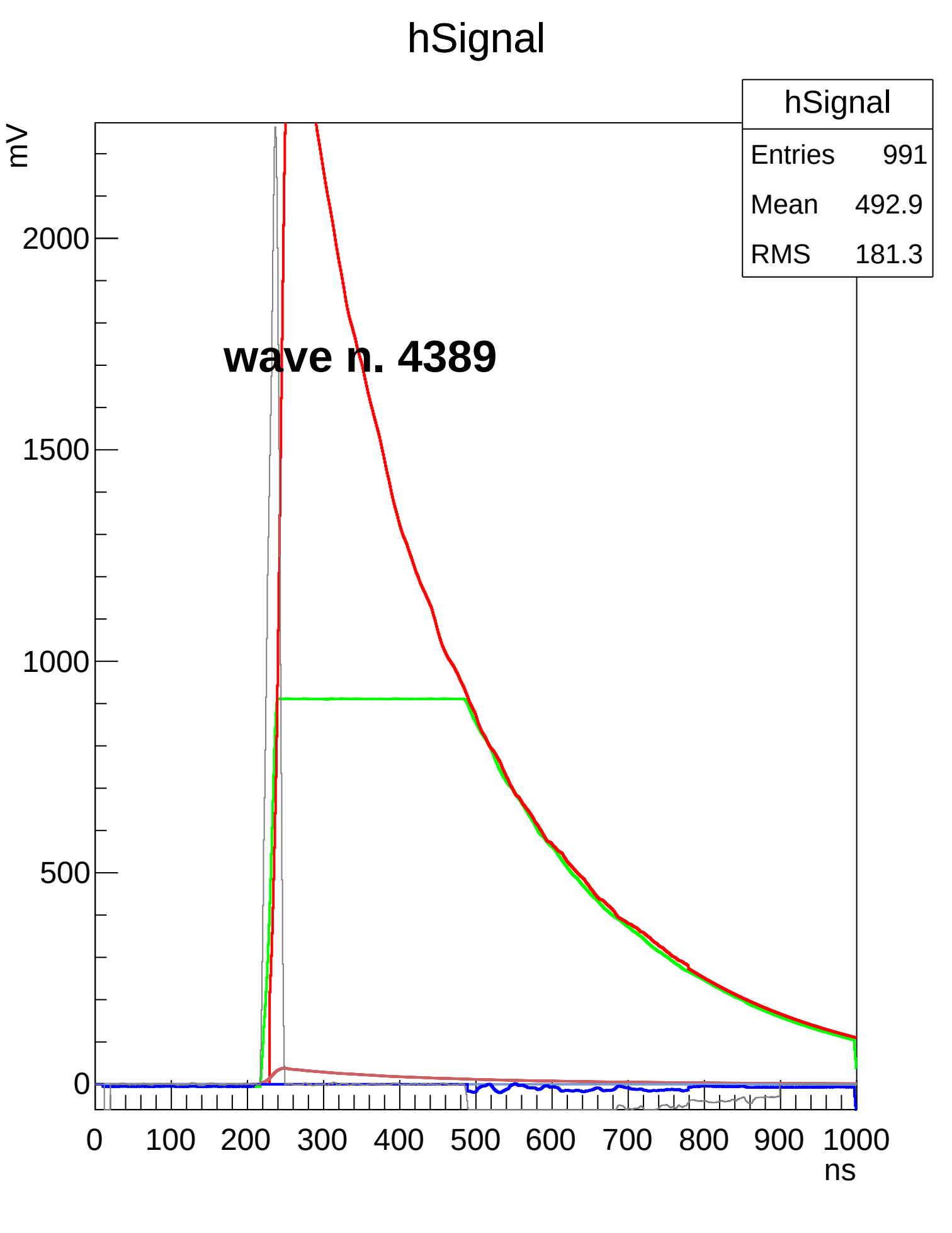
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 492.9
RMS 181.3
wave n. 4389
mV
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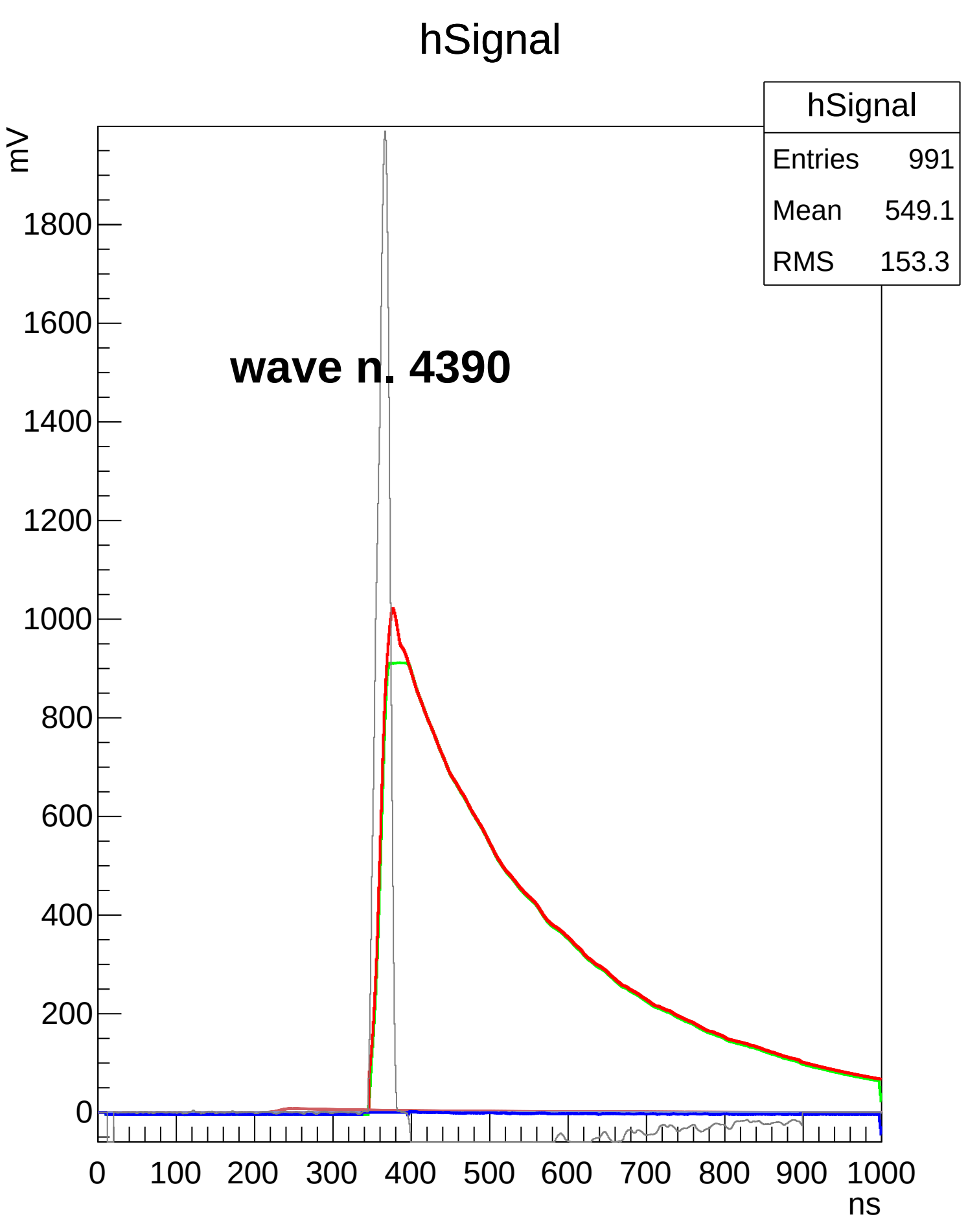
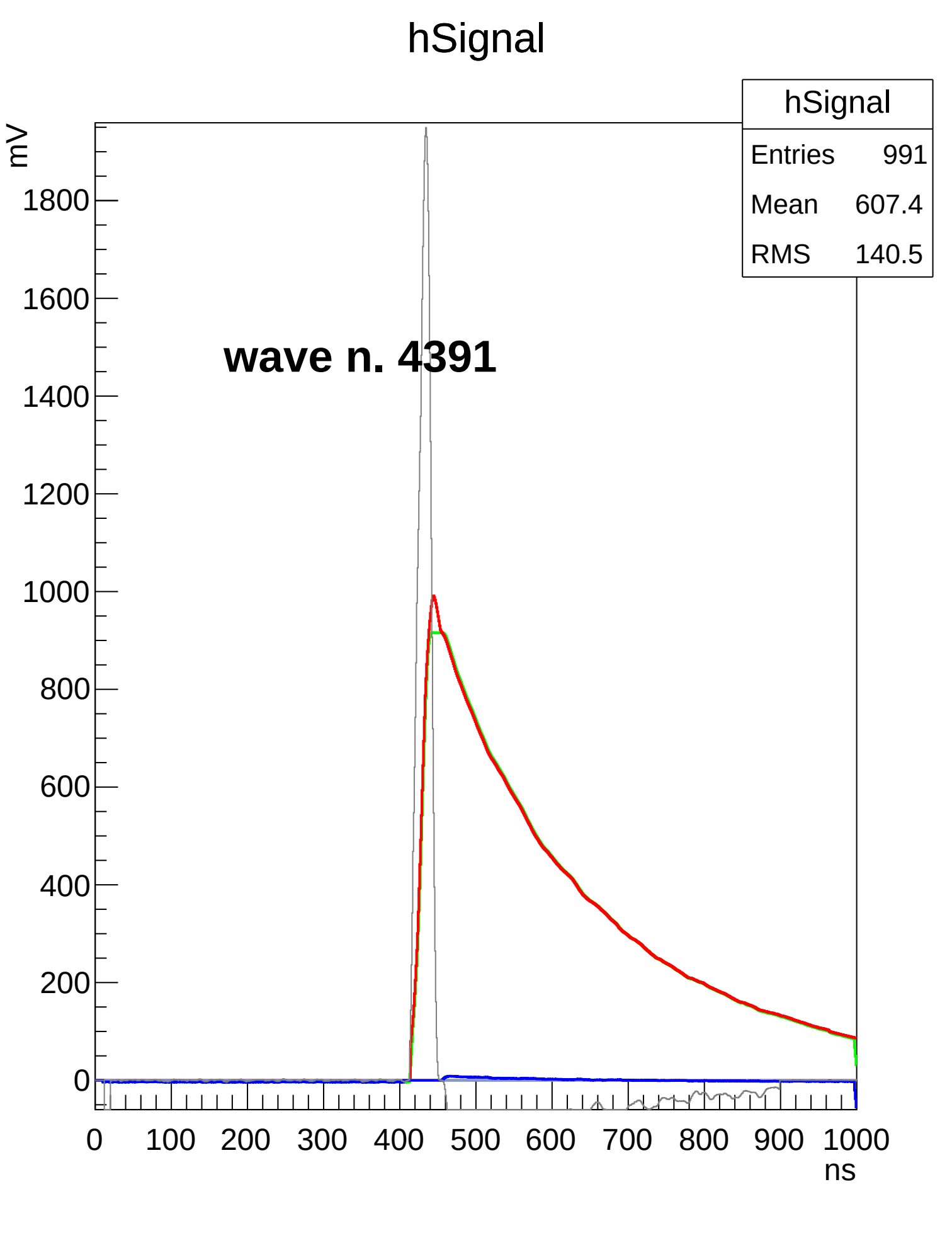
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.1
RMS 153.3
wave n. 4390
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 607.4
RMS 140.5
wave n. 4391
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
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400
500
600
700
800
900
1000
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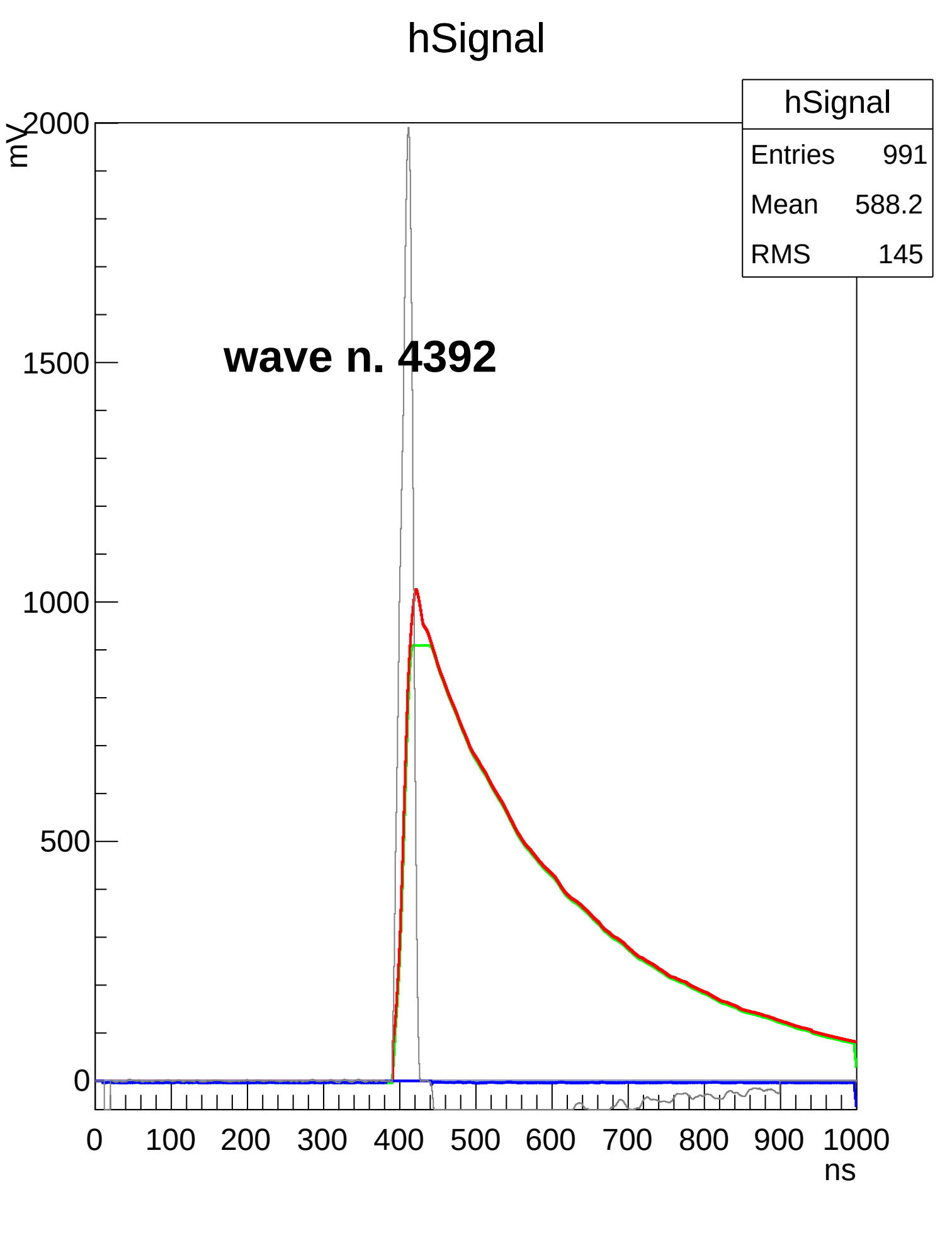
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hSignal
Entries 991
Mean 588.2
RMS 145
wave n. 4392
mV
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1500
1000
500
0
0
100
200
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400
500
600
700
800
900
1000
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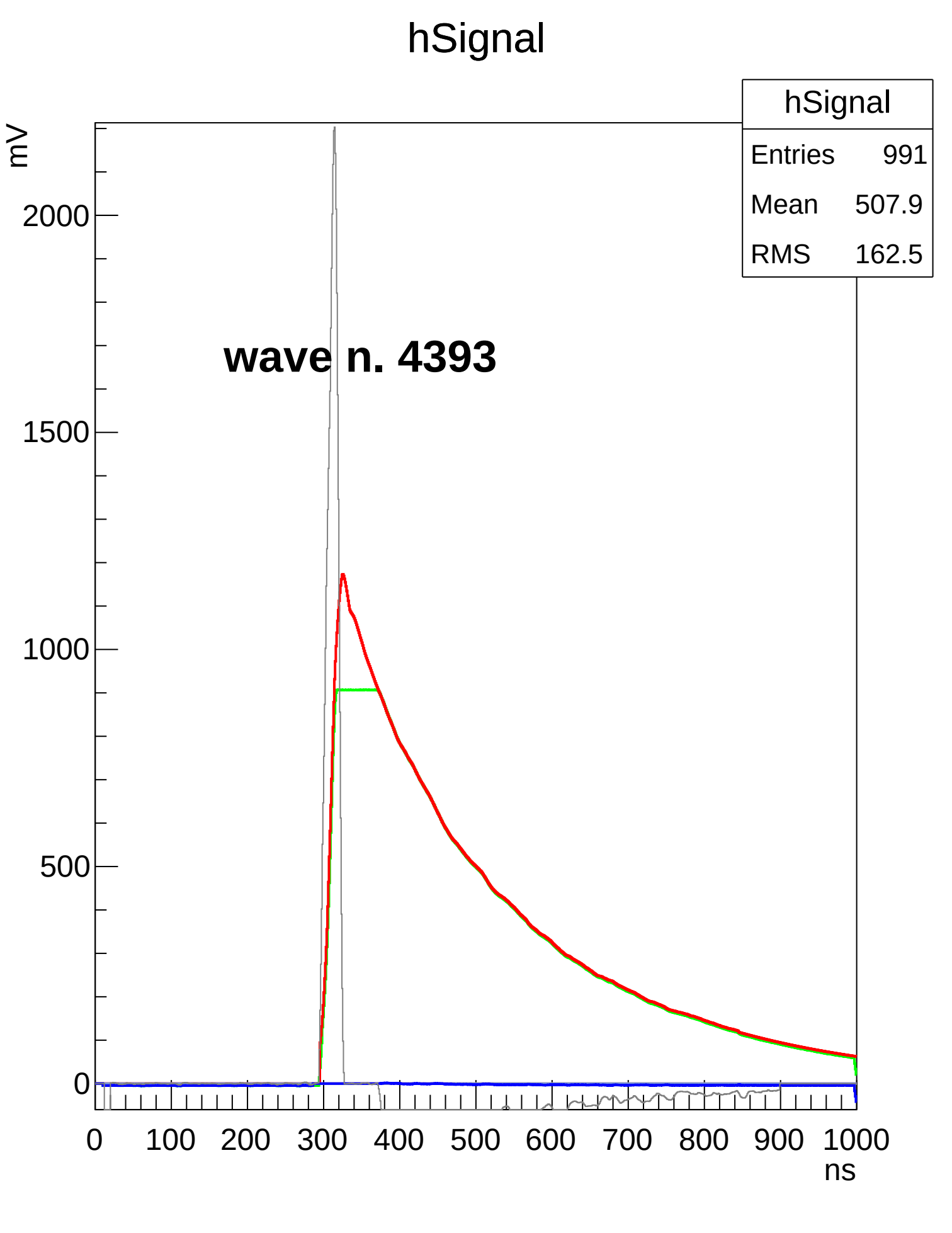
hSignal
hSignal
Entries 991
Mean 507.9
RMS 162.5
wave n. 4393
mV
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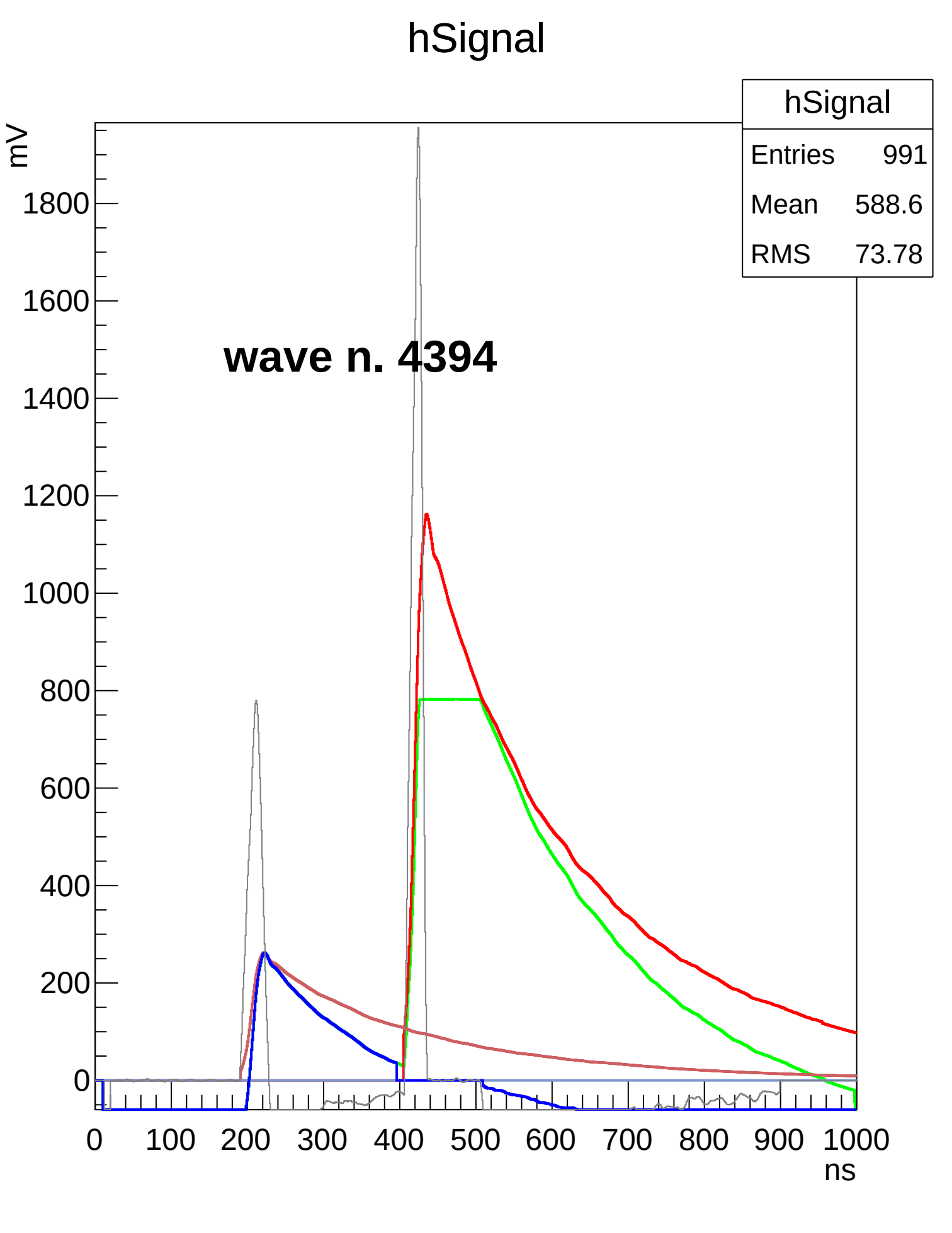
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 588.6
RMS 73.78
wave n. 4394
mV
1800
1600
1400
1200
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600
400
200
0
0
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200
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400
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700
800
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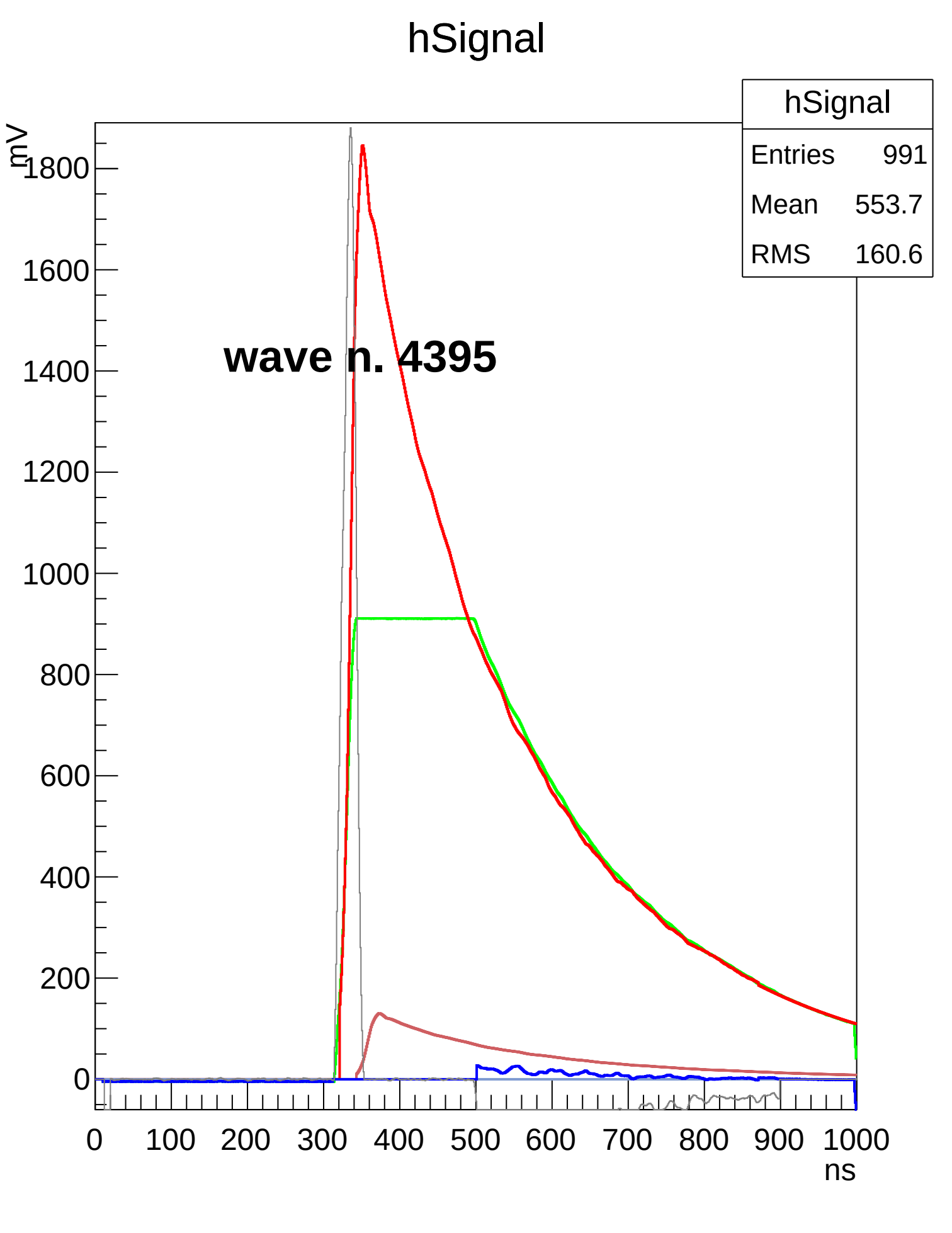
1000
ns


hSignal
hSignal
Entries 991
Mean 553.7
RMS 160.6
wave n. 4395
mV
1800
1600
1400
1200
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600
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200
0
0
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800
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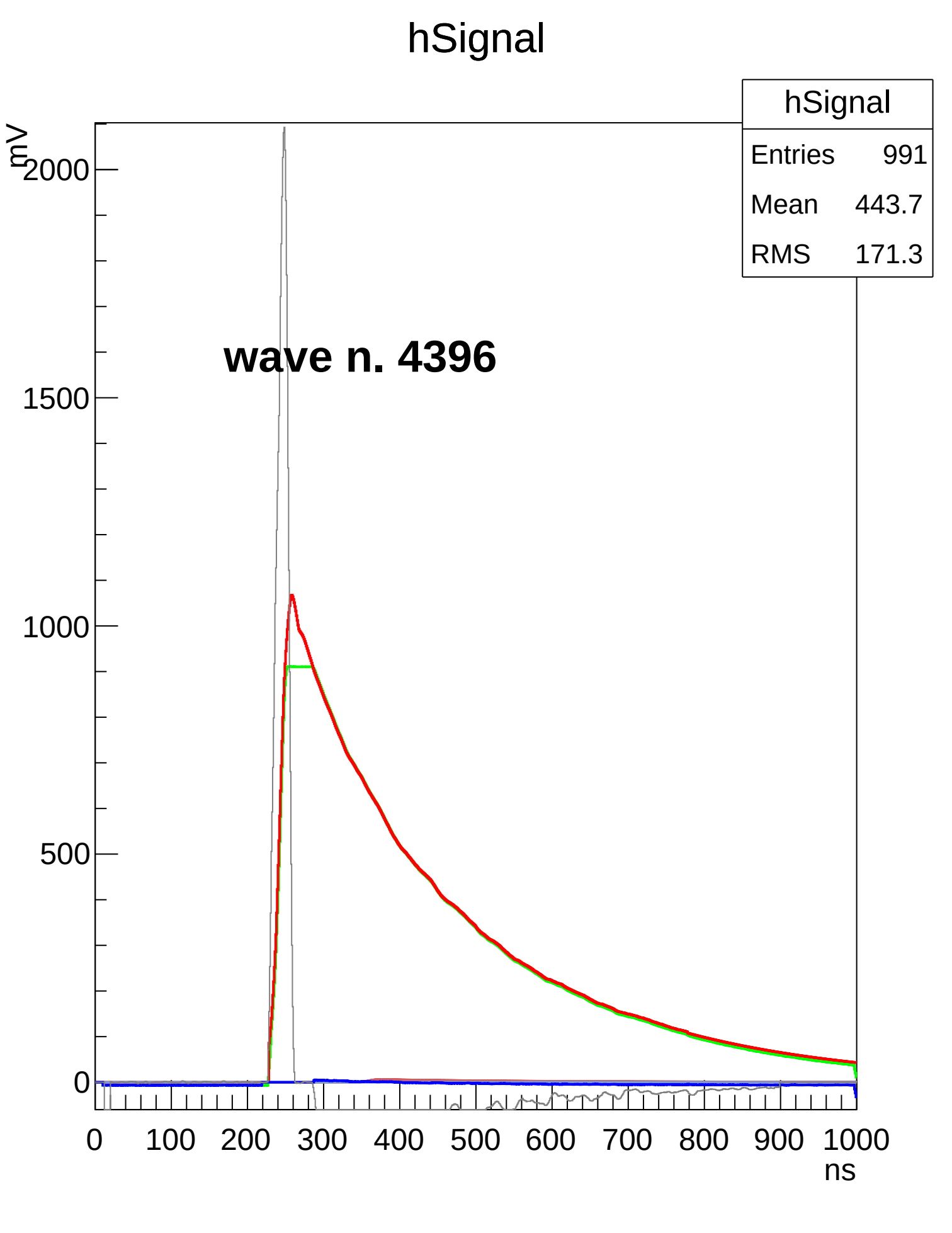
1000
ns


hSignal
hSignal
Entries 991
Mean 443.7
RMS 171.3
wave n. 4396
mV
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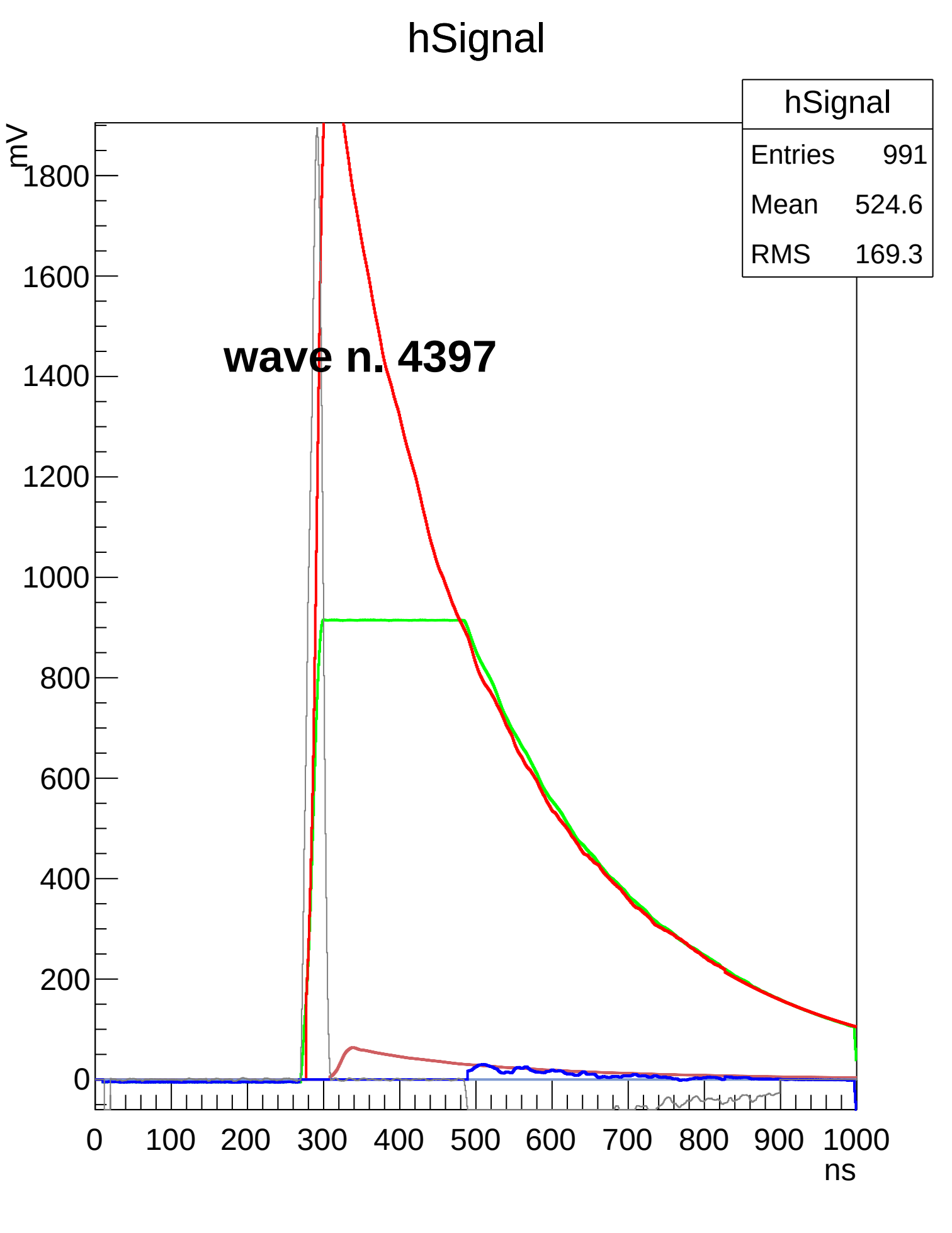
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 524.6
RMS 169.3
wave n. 4397
mV
1800
1600
1400
1200
1000
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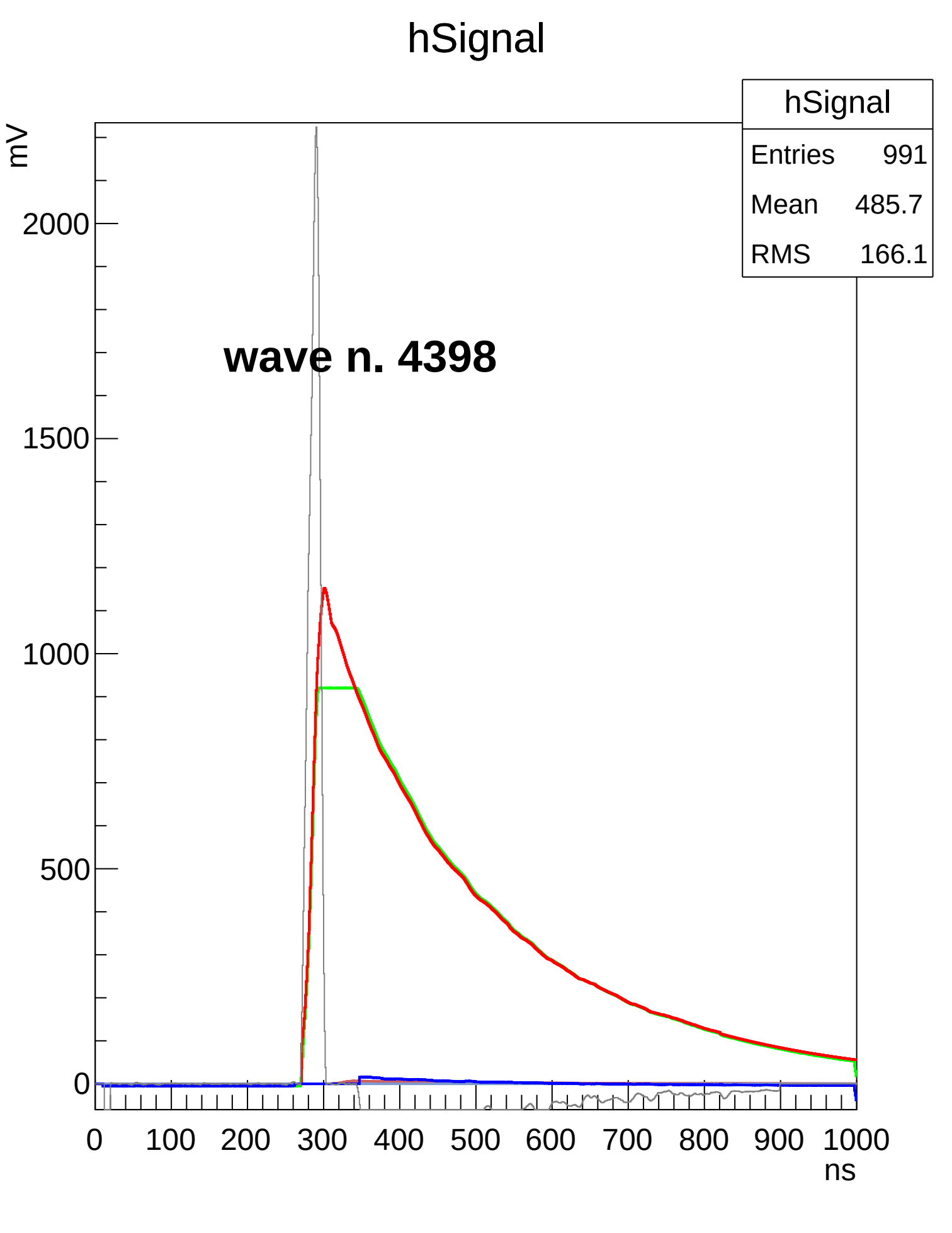
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485.7
RMS 166.1
wave n. 4398
mV
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1500
1000
500
0
0
100
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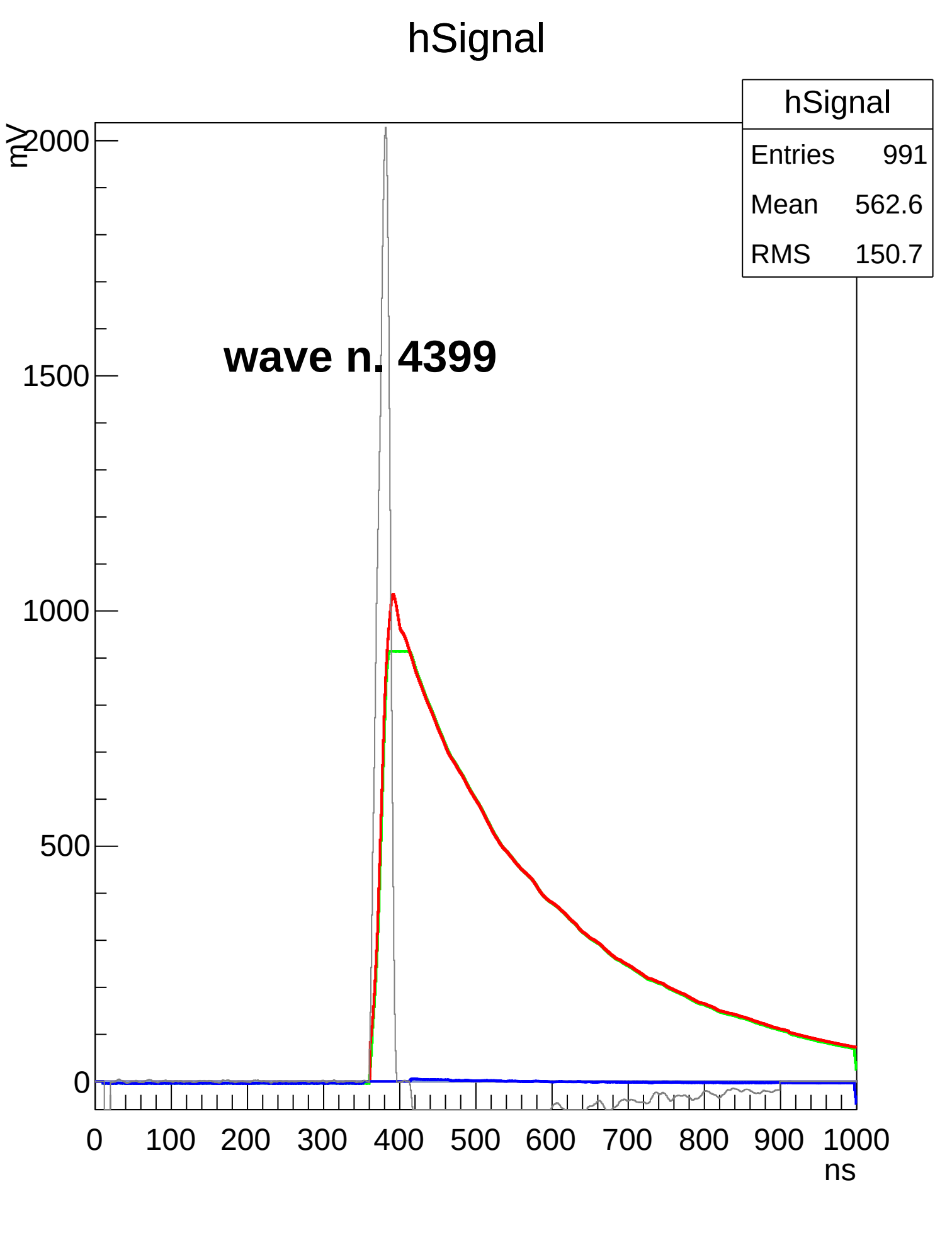
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 562.6
RMS 150.7
wave n. 4399
mV
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1500
1000
500
0
0
100
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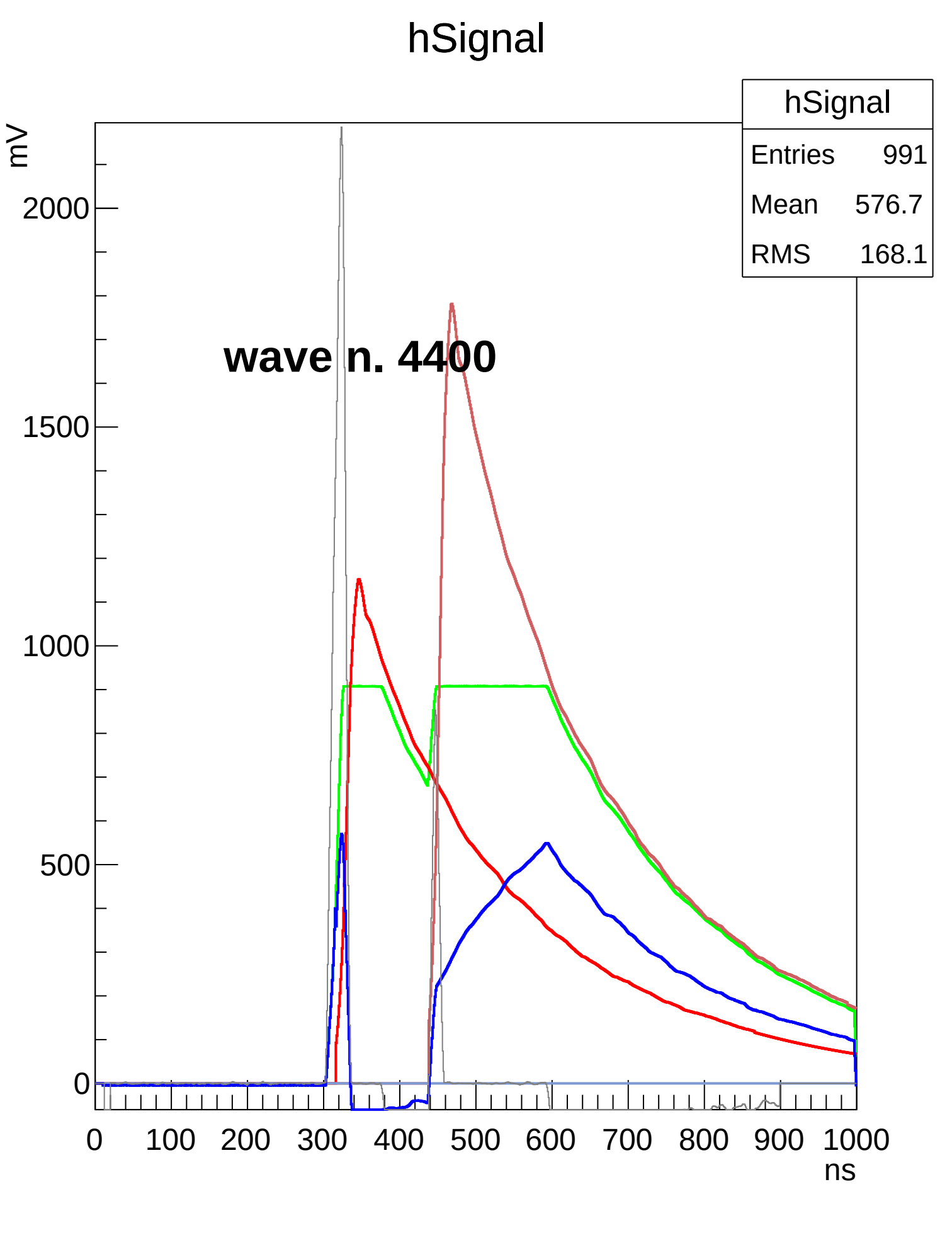
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576.7
RMS 168.1
wave n. 4400
mV
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1500
1000
500
0
0
100
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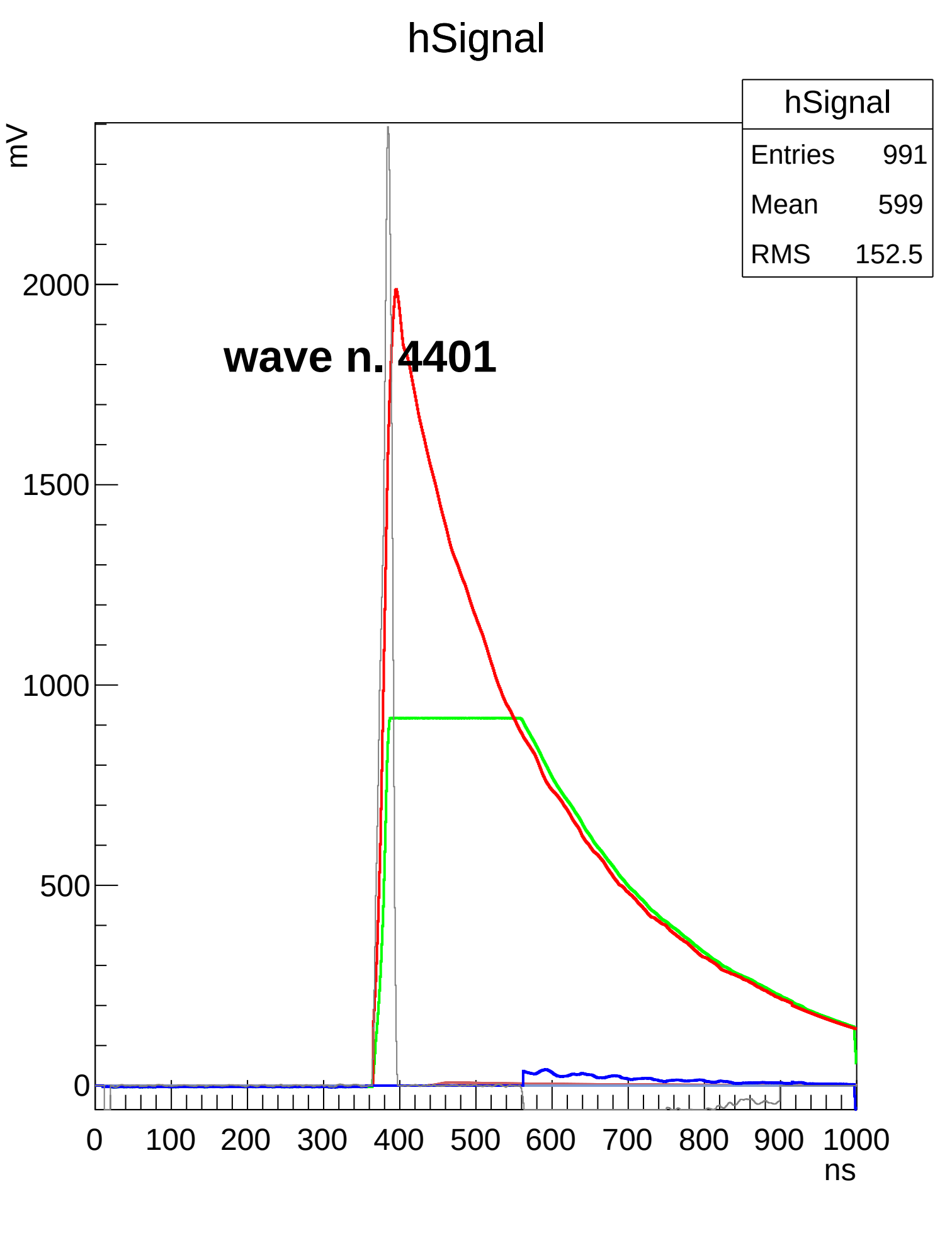
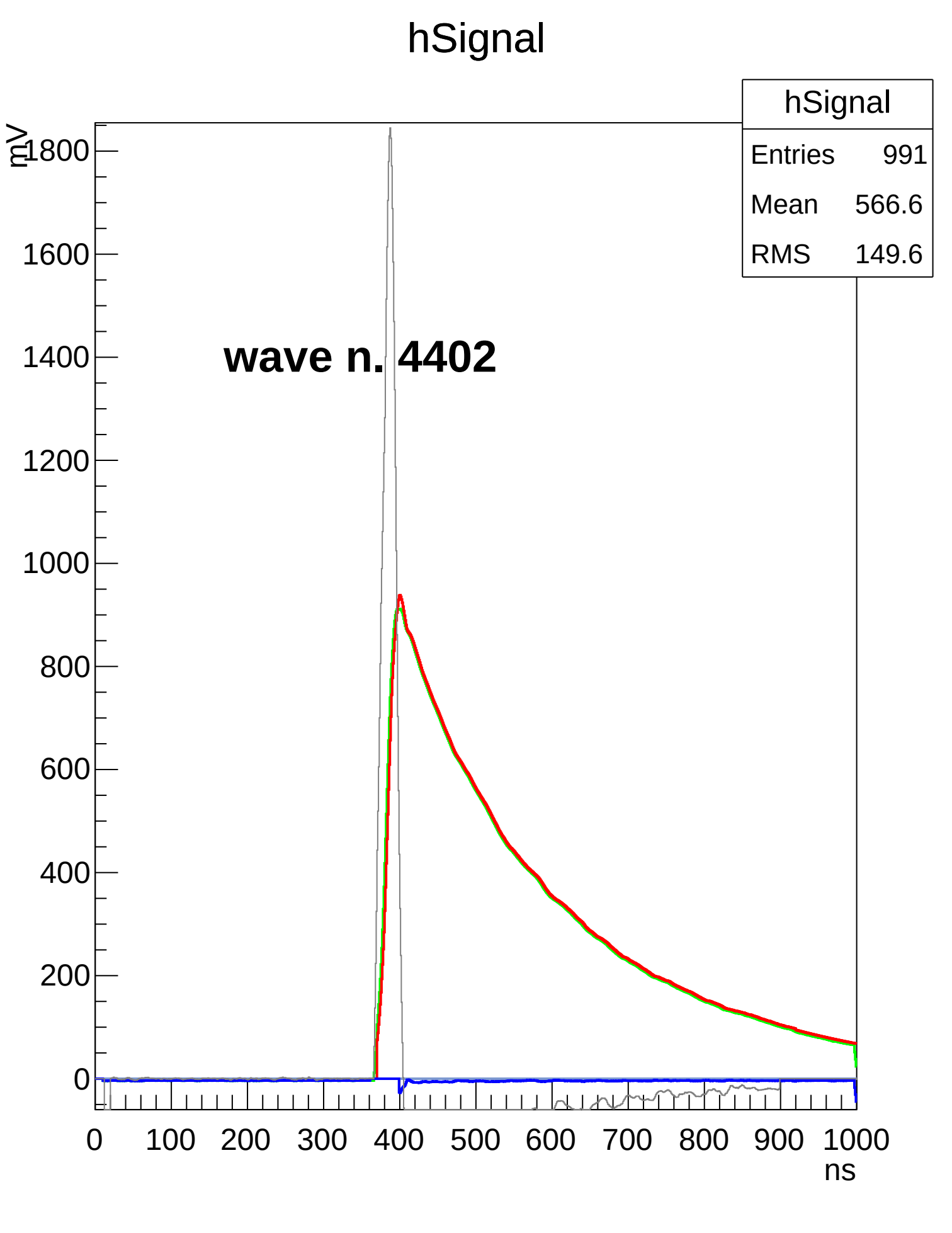
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 599
RMS 152.5
wave n. 4401
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 566.6
RMS 149.6
wave n. 4402
mV
1800
1600
1400
1200
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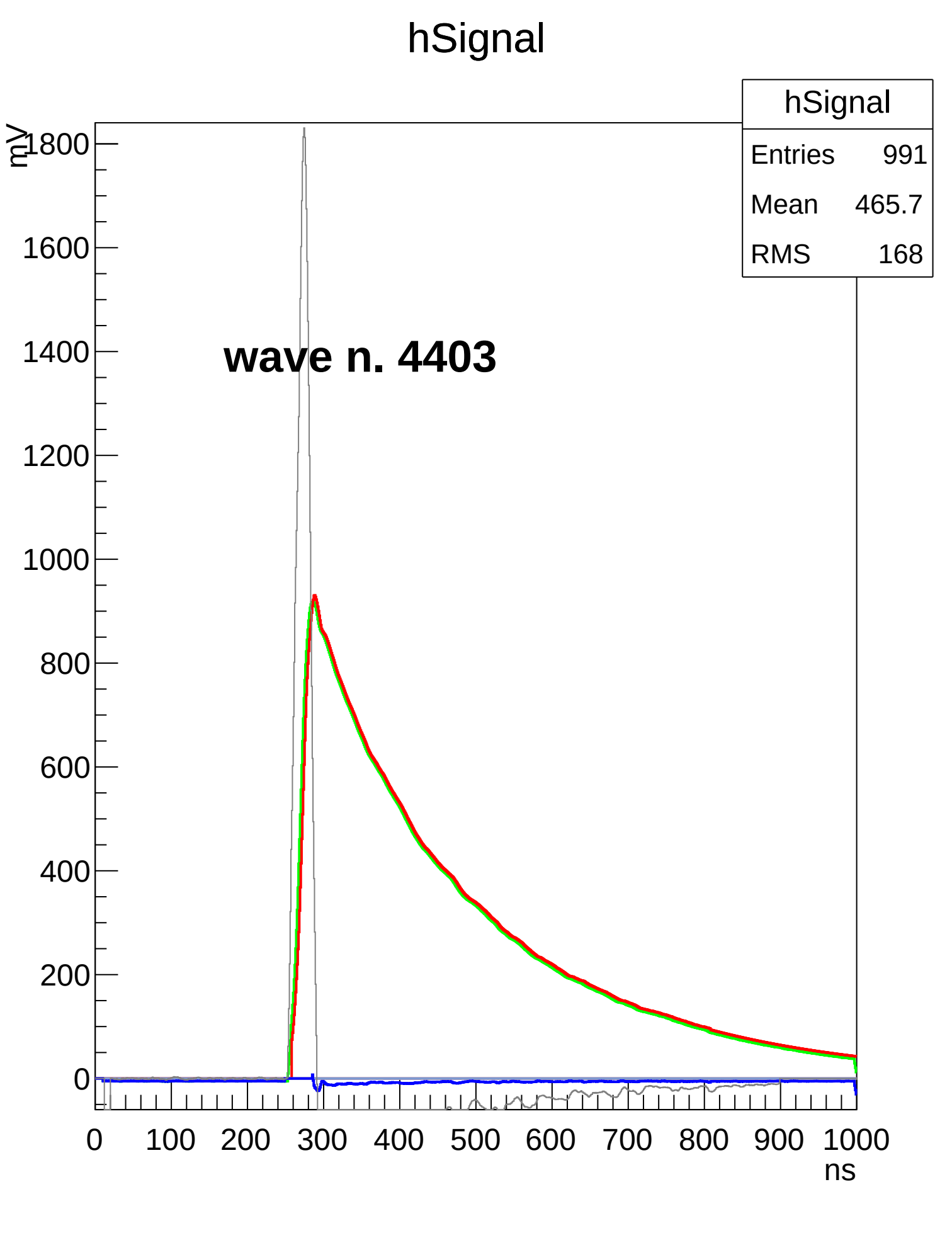
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 465.7
RMS 168
wave n. 4403
mV
1800
1600
1400
1200
1000
800
600
400
200
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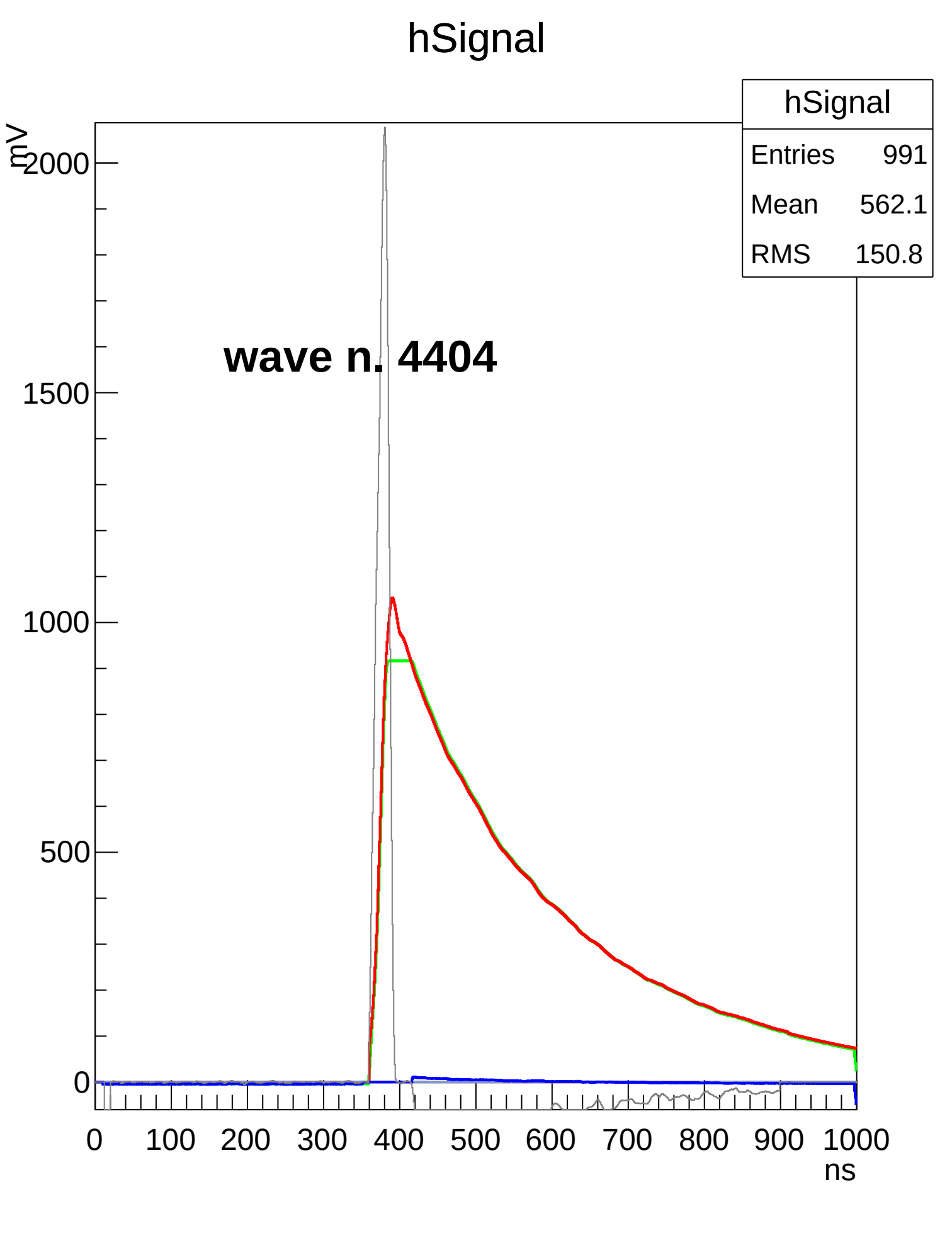
ns


hSignal
hSignal
Entries 991
Mean 562.1
RMS 150.8
wave n. 4404
mV
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1500
1000
500
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0
100
200
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400
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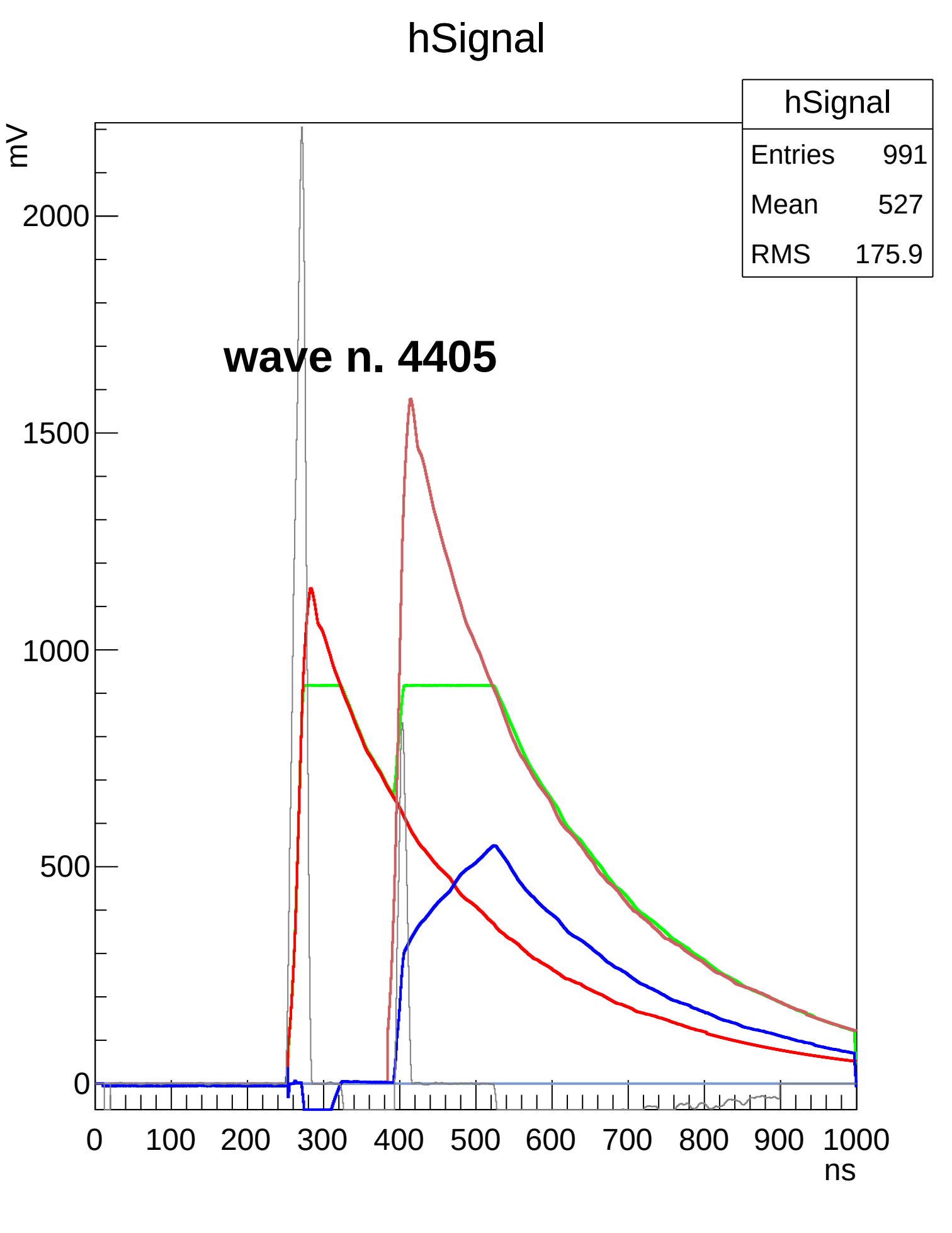
600
700
800
900
1000
ns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RMS 175.9
wave n. 4405
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500
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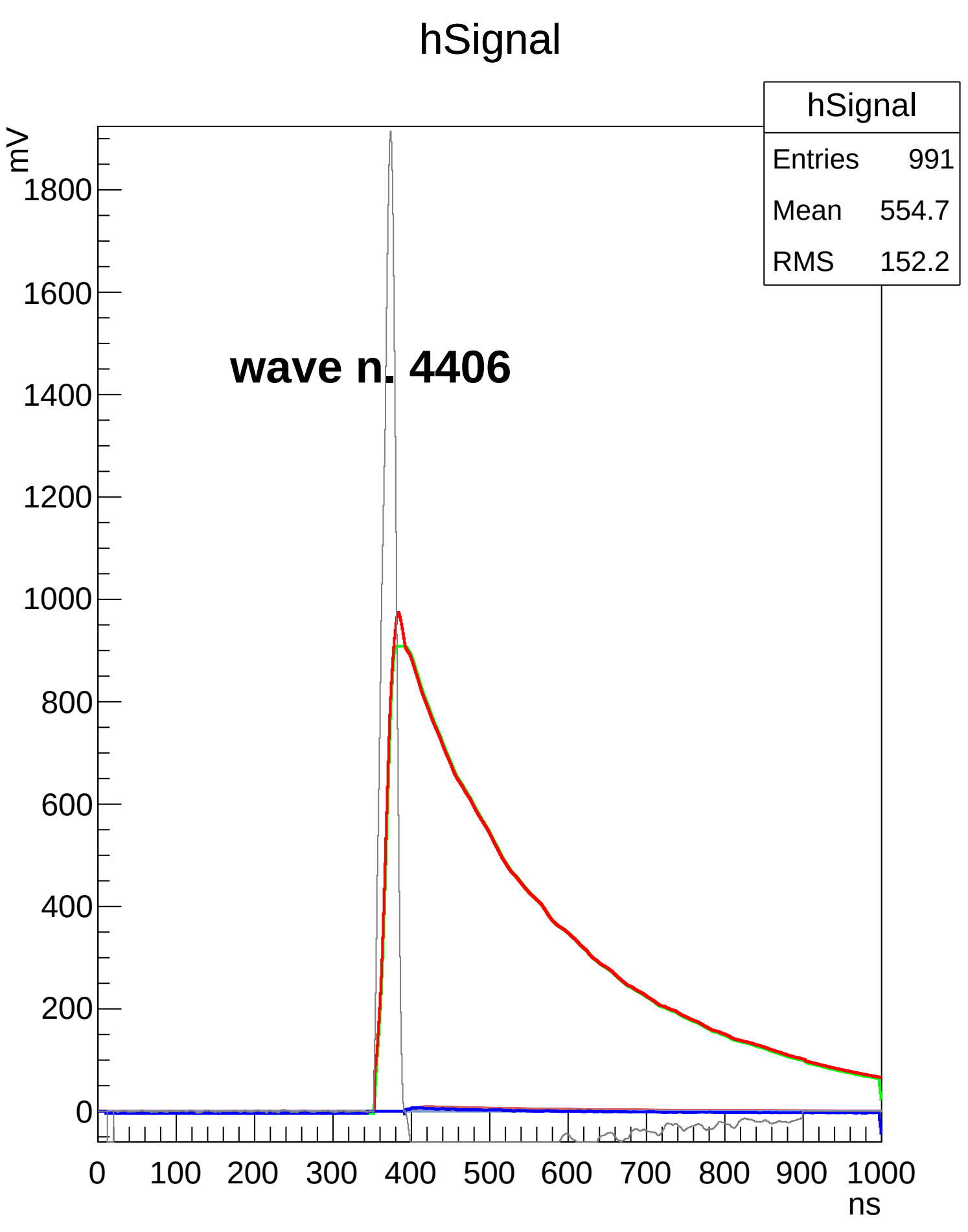
ns


hSignal
hSignal
Entries 991
Mean 554.7
RMS 152.2
wave n. 4406
mV
1800
1600
1400
1200
1000
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600
400
200
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0
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400
500
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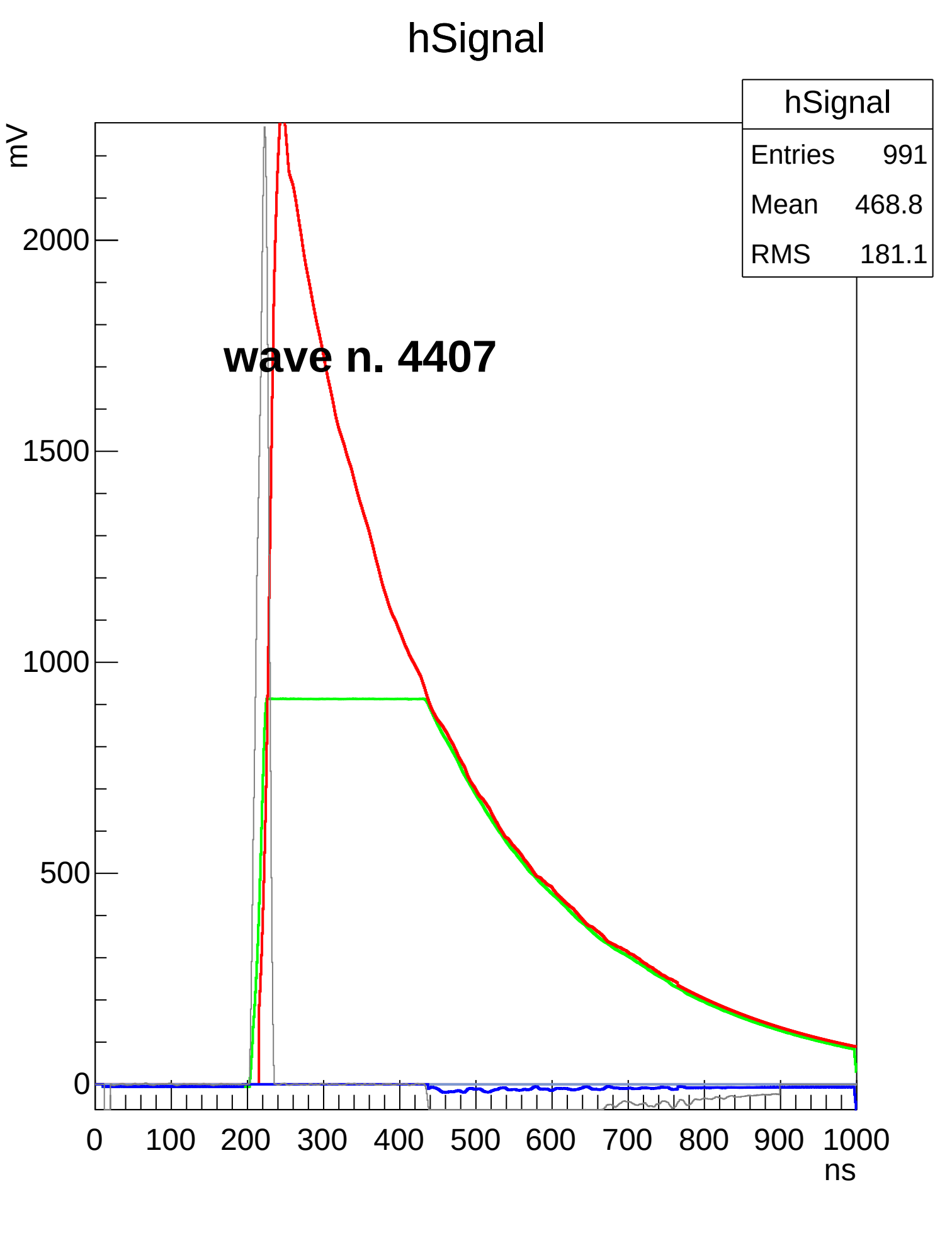
900
1000
ns


hSignal
hSignal
Entries 991
Mean 468.8
RMS 181.1
wave n. 4407
mV
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1500
1000
500
0
0
100
200
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400
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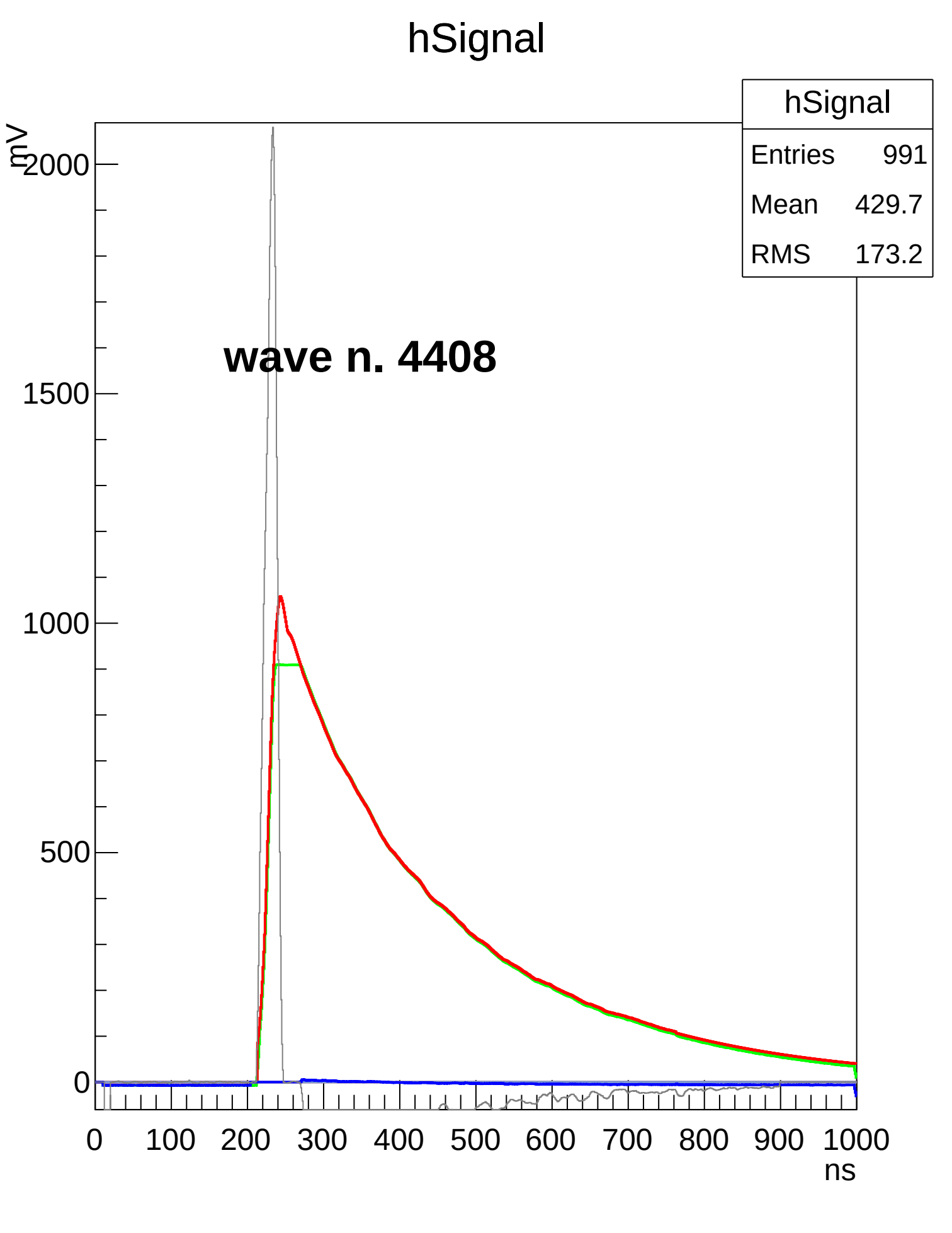
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 429.7
RMS 173.2
wave n. 4408
mV
2000
1500
1000
500
0
0
100
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400
500
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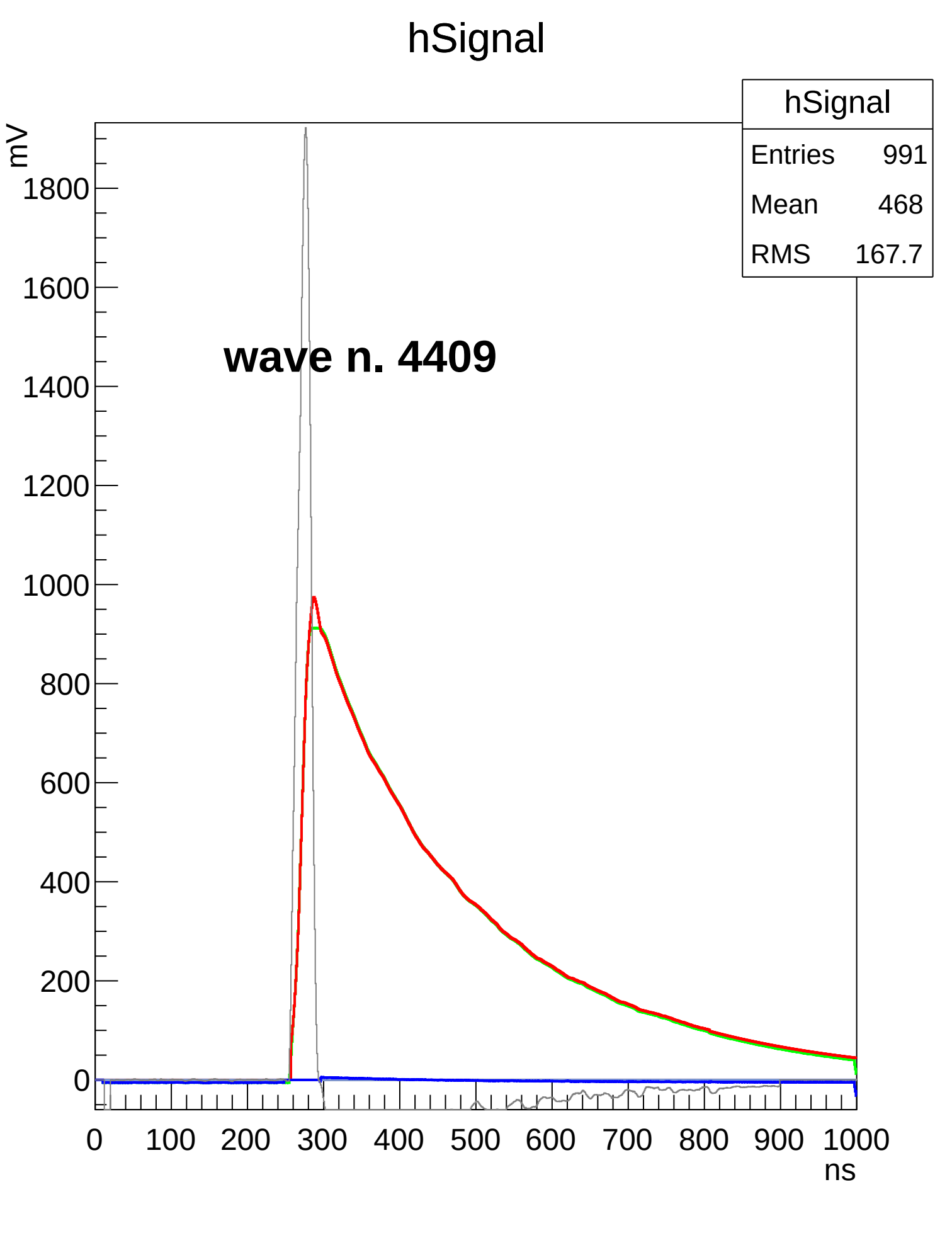
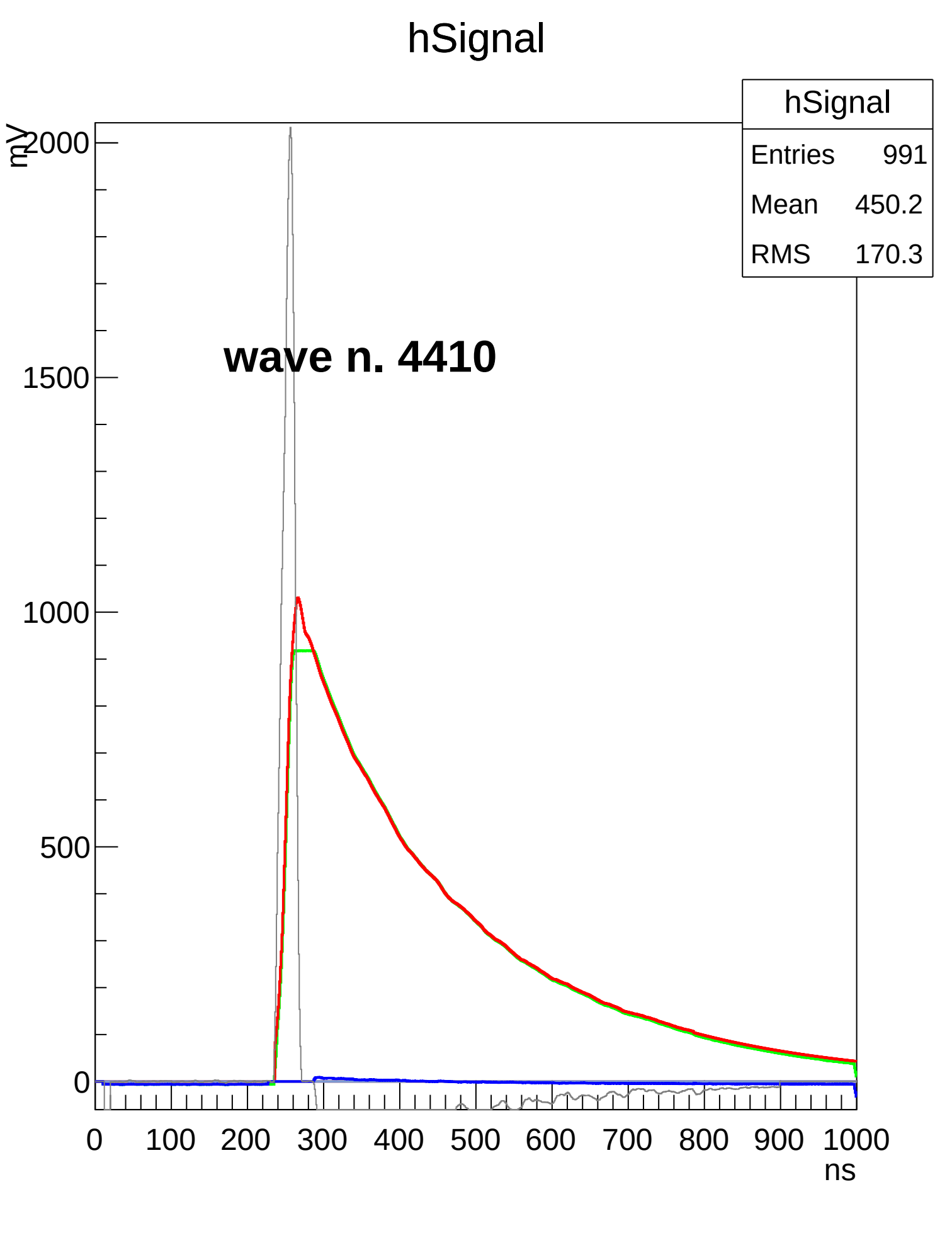
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 468
RMS 167.7
wave n. 4409
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 450.2
RMS 170.3
wave n. 4410
mV
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1500
1000
500
0
0
100
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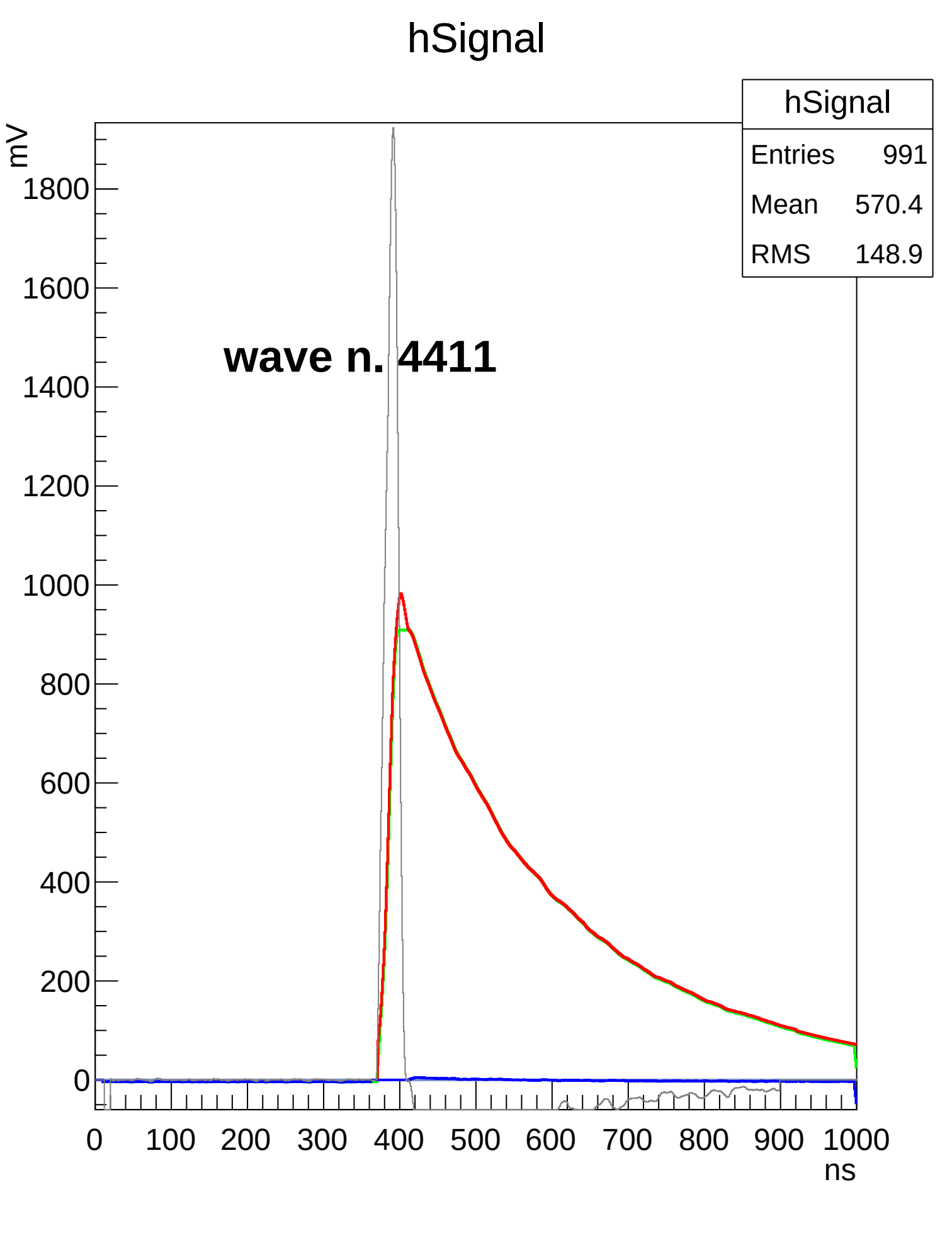
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.4
RMS 148.9
wave n. 4411
mV
1800
1600
1400
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600
400
200
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0
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400
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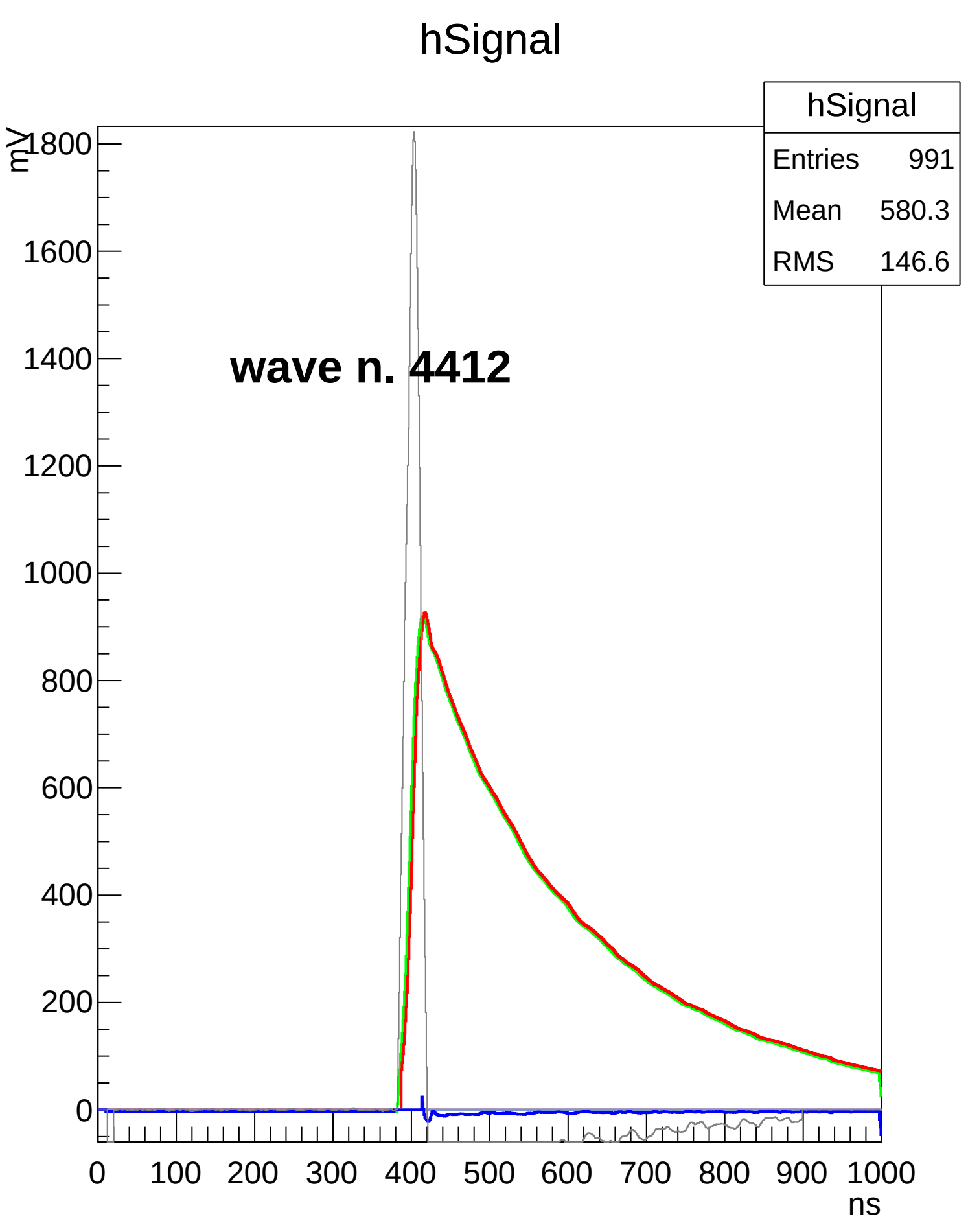
1000
ns


hSignal
hSignal
Entries 991
Mean 580.3
RMS 146.6
wave n. 4412
mV
1800
1600
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600
400
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0
0
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400
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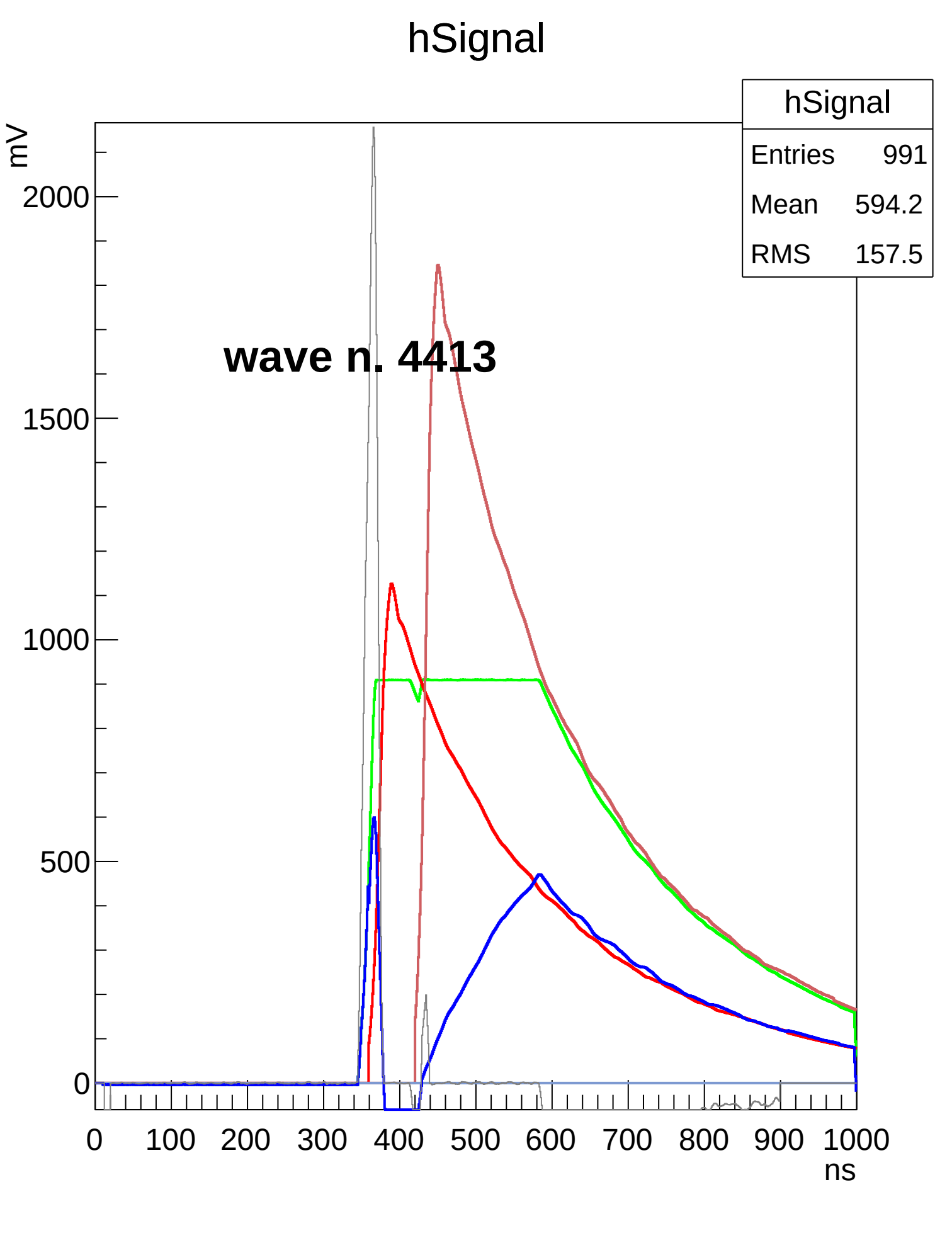
1000
ns


hSignal
hSignal
Entries 991
Mean 594.2
RMS 157.5
wave n. 4413
mV
2000
1500
1000
500
0
0
100
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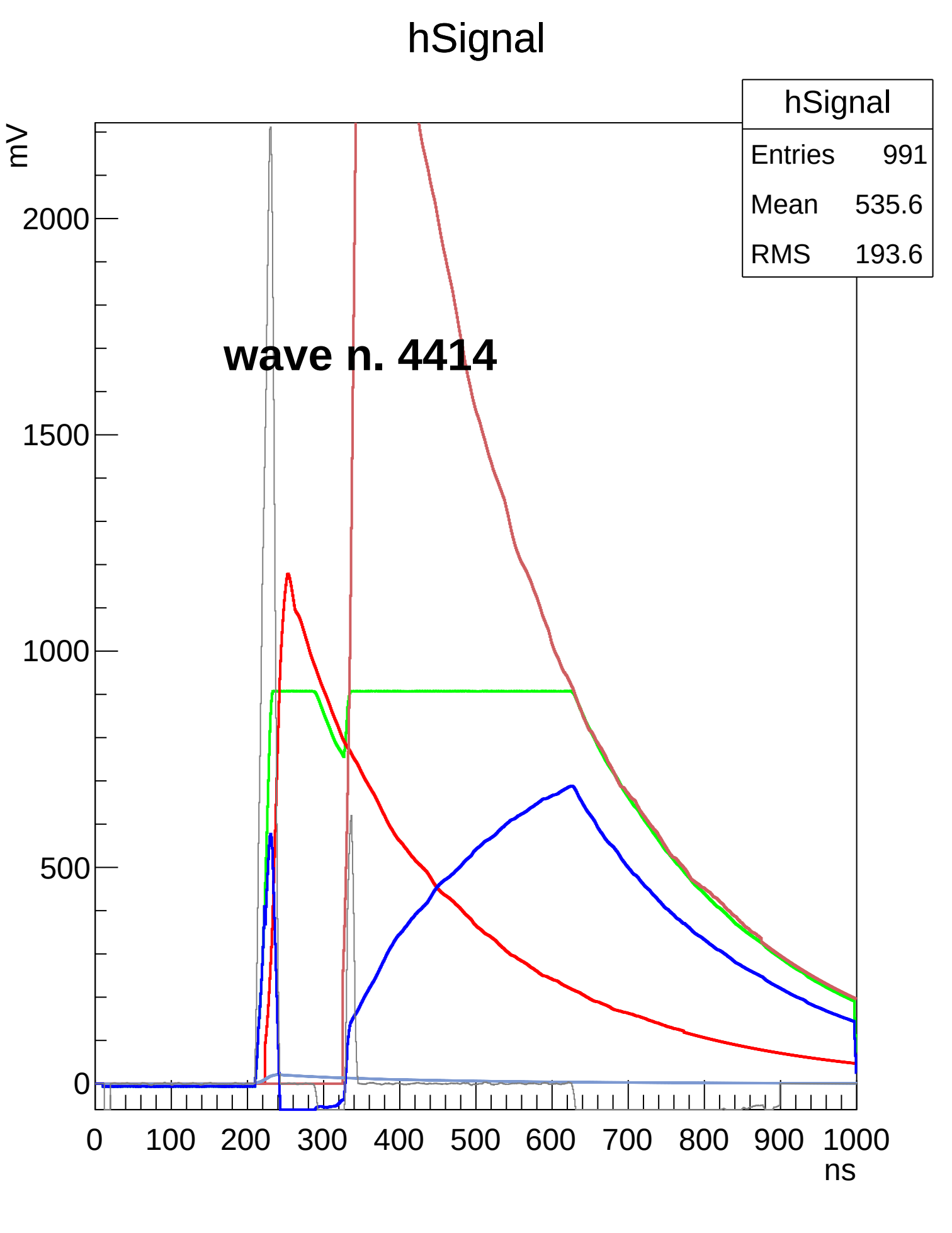
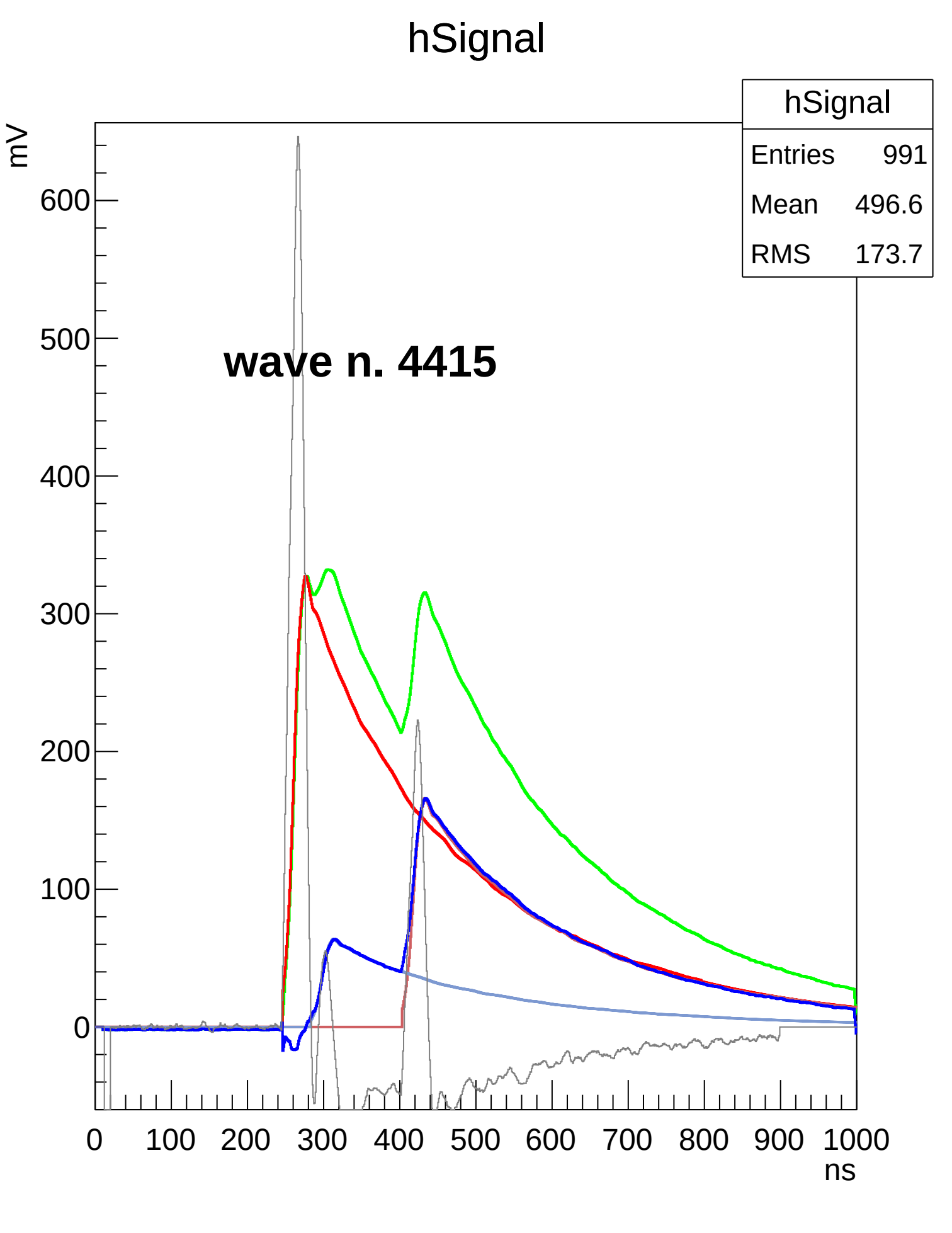
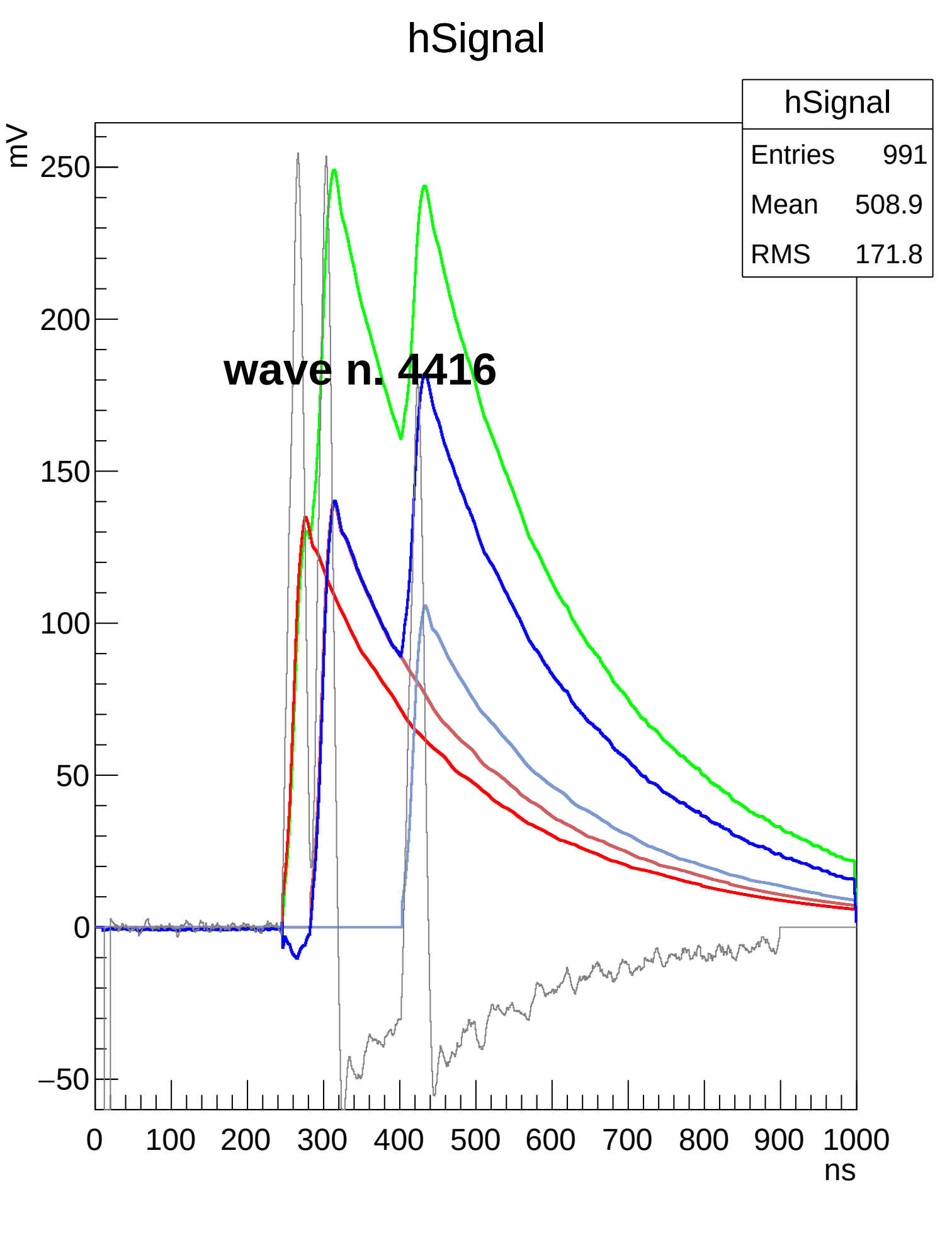
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 535.6
RMS 193.6
wave n. 4414
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 496.6
RMS 173.7
wave n. 4415
mV
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 508.9
RMS 171.8
wave n. 4416
mV
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200
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100
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0
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0
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200
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400
500
600
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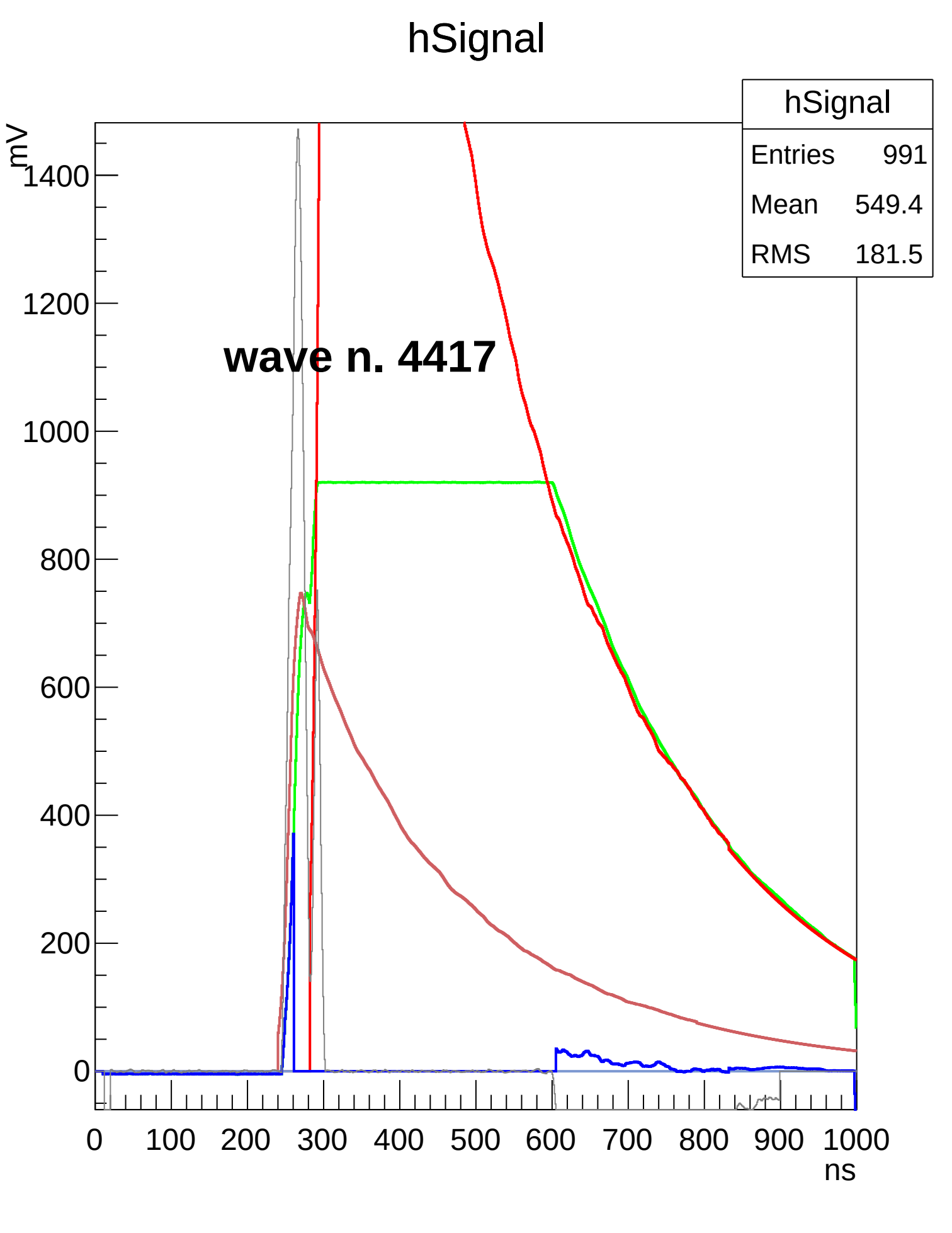
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.4
RMS 181.5
wave n. 4417
mV
1400
1200
1000
800
600
400
200
0
0
100
200
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400
500
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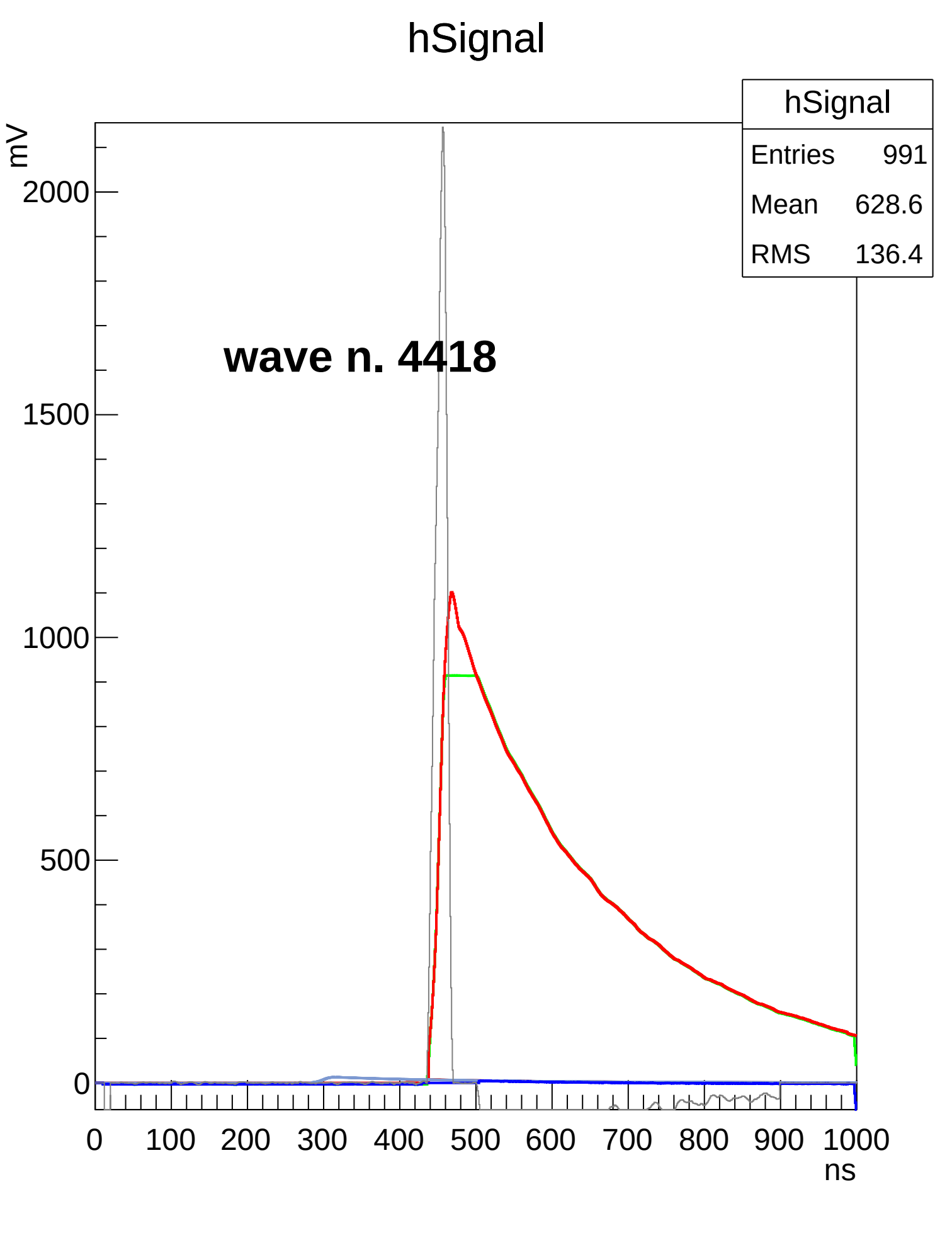
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 628.6
RMS 136.4
wave n. 4418
mV
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1000
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0
0
100
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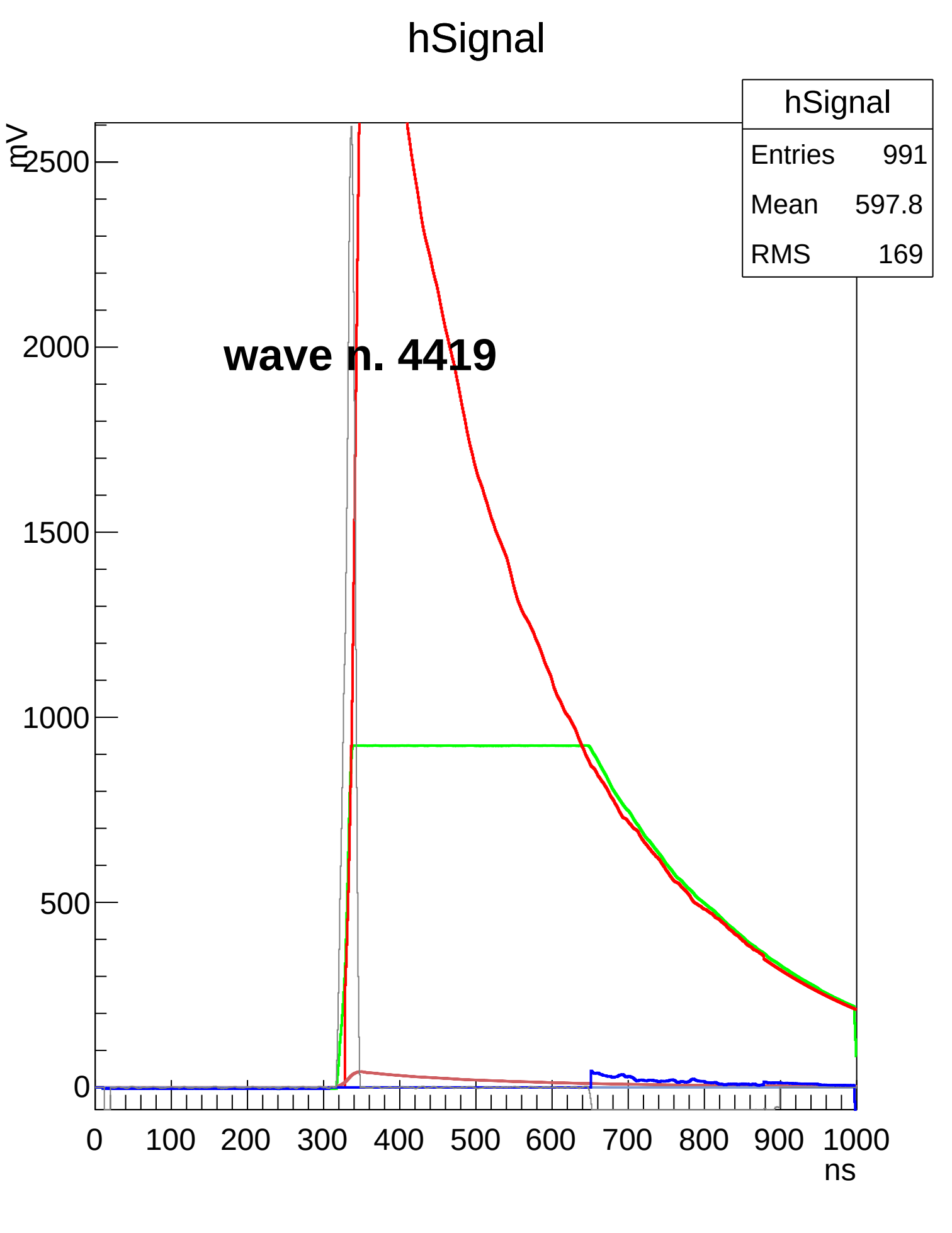
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597.8
RMS 169
wave n. 4419
mV
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1500
1000
500
0
0
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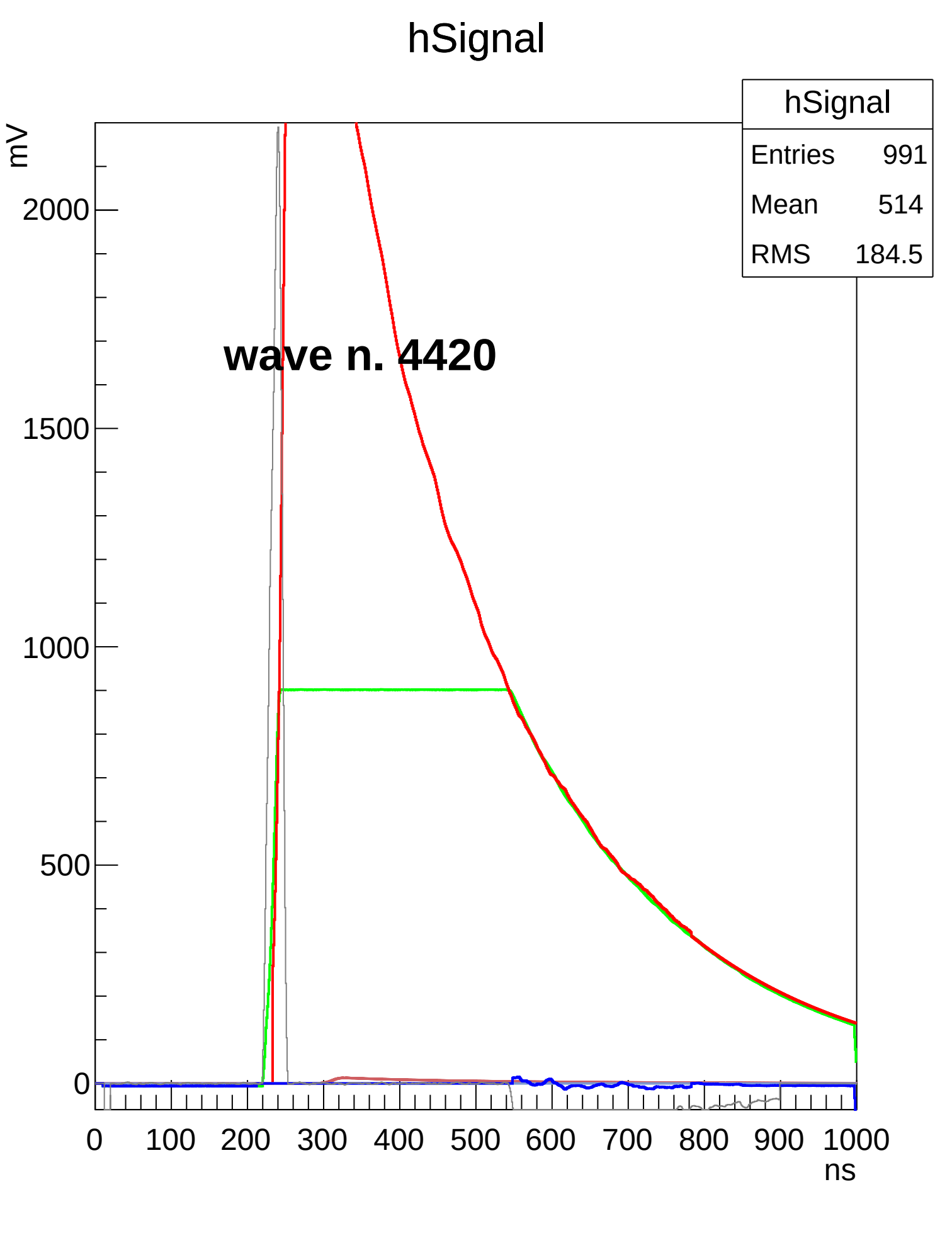
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 514
RMS 184.5
wave n. 4420
mV
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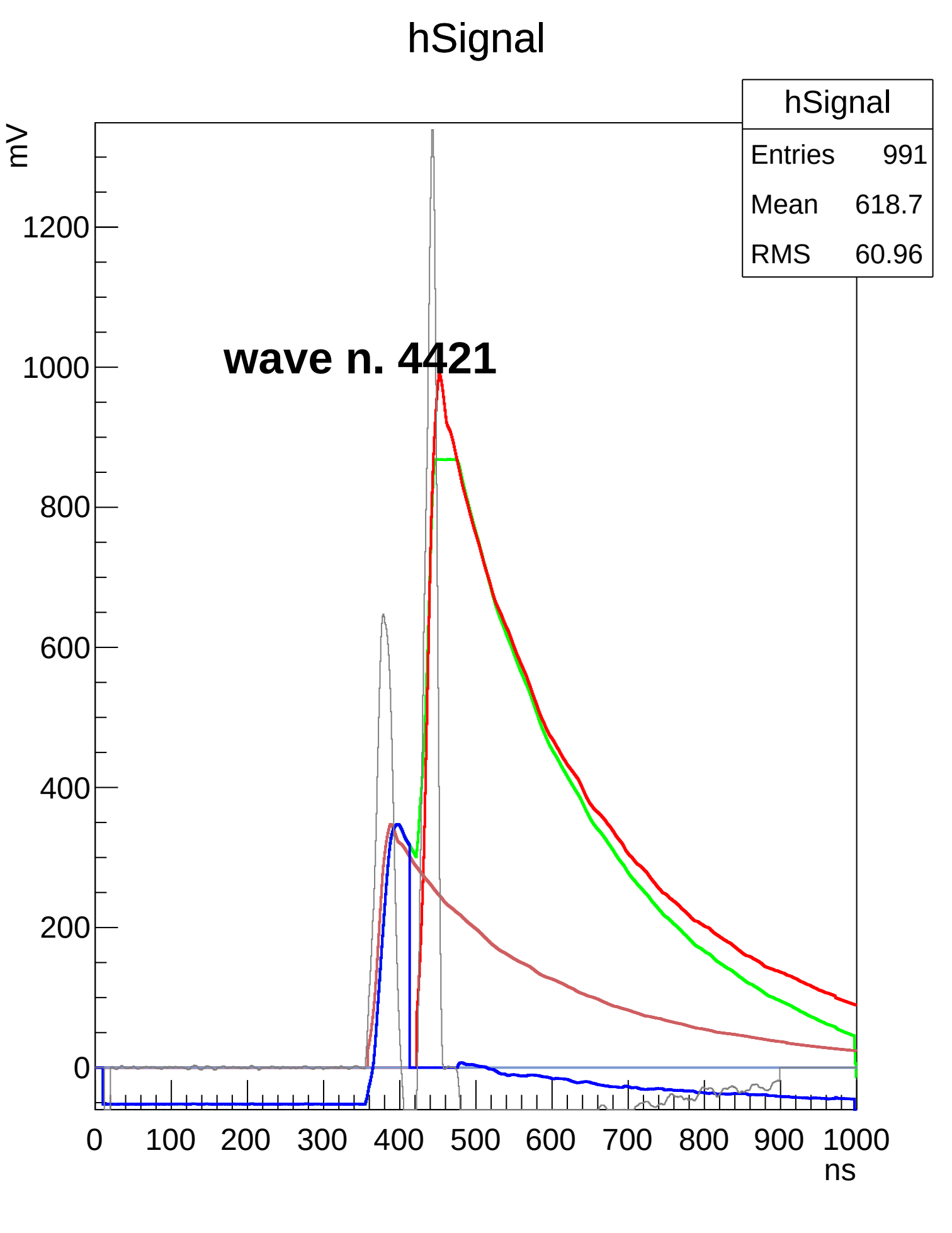
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 618.7
RMS 60.96
wave n. 4421
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1000
800
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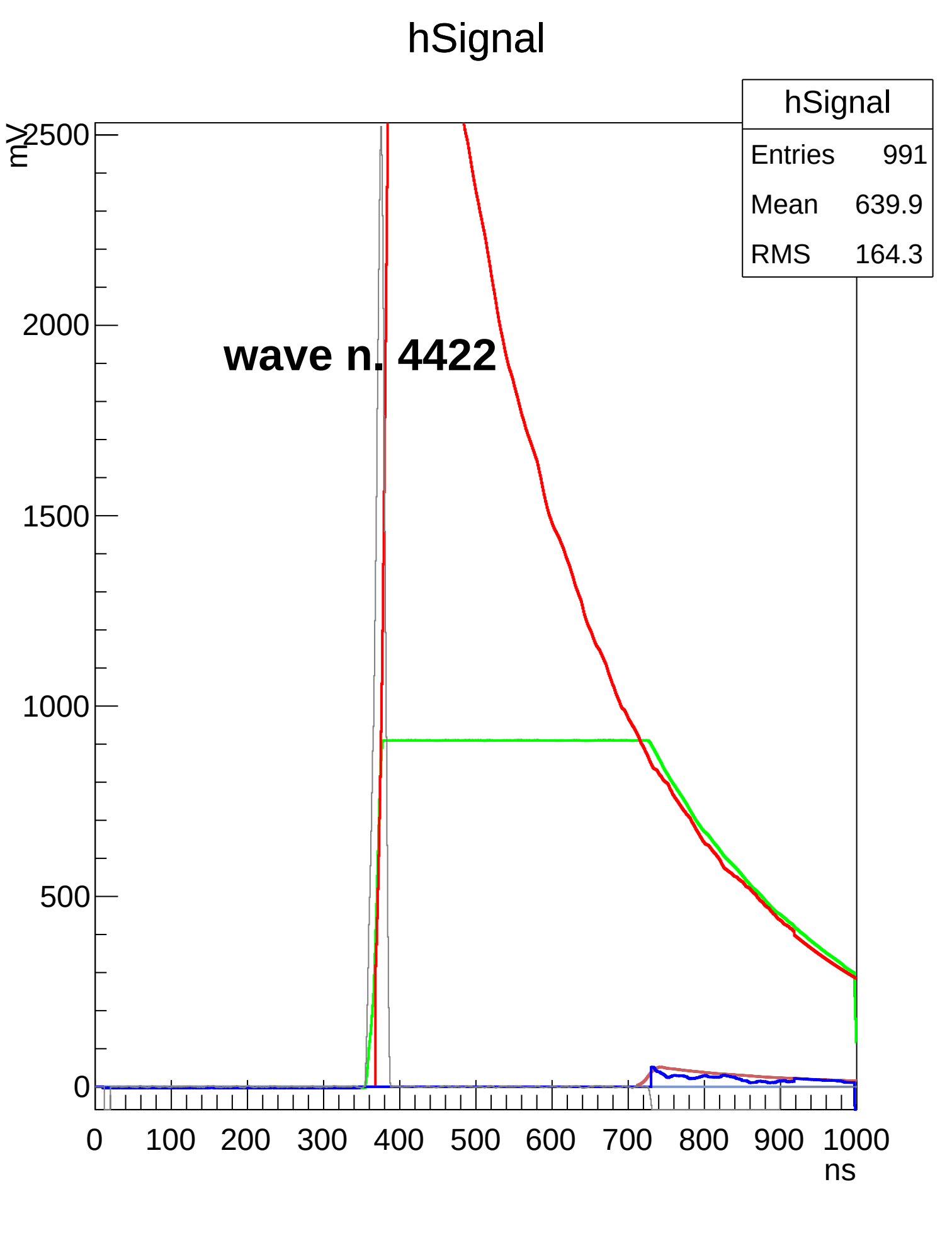
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 639.9
RMS 164.3
wave n. 4422
mV
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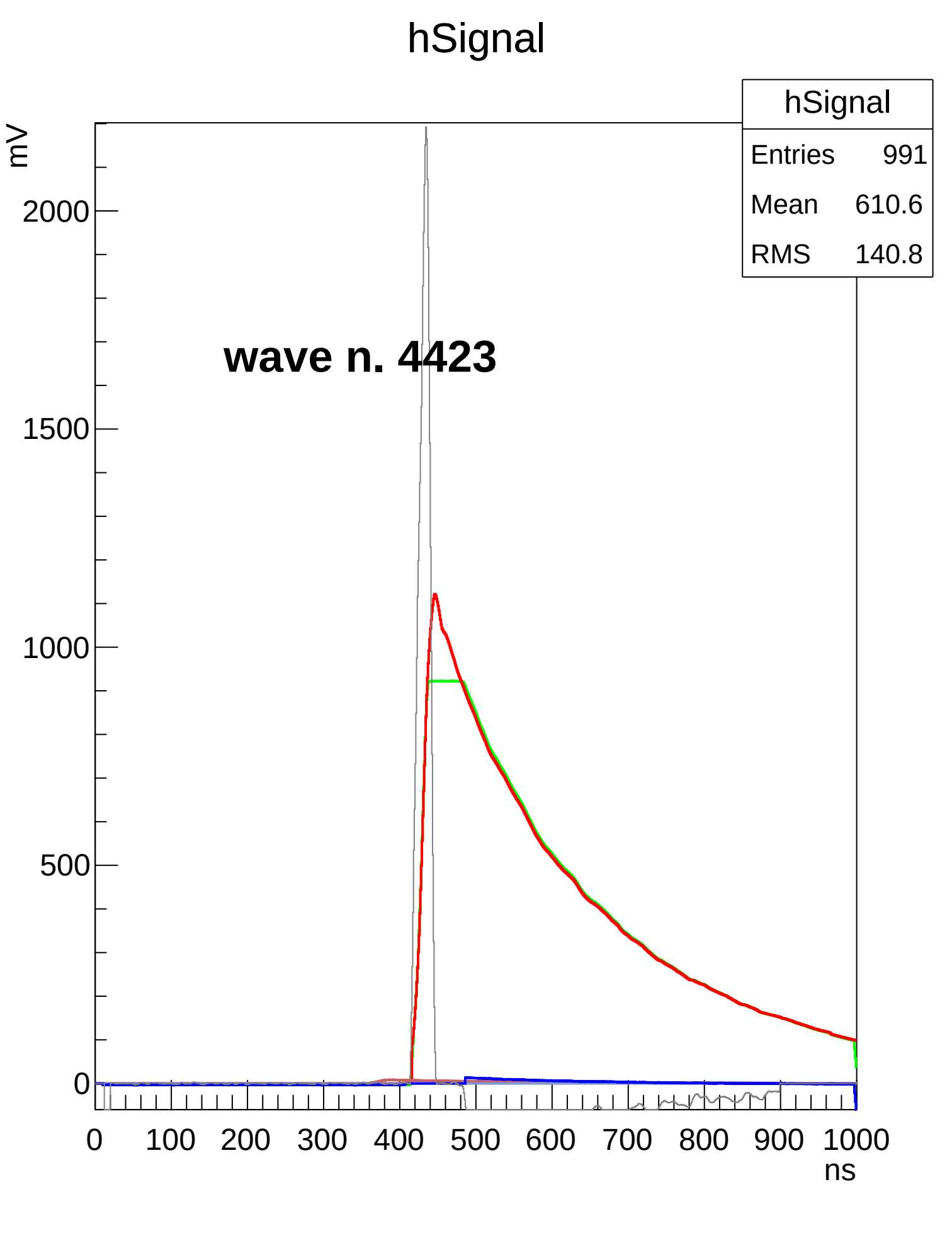
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 610.6
RMS 140.8
wave n. 4423
mV
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1000
500
0
0
100
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400
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700
800
900
1000
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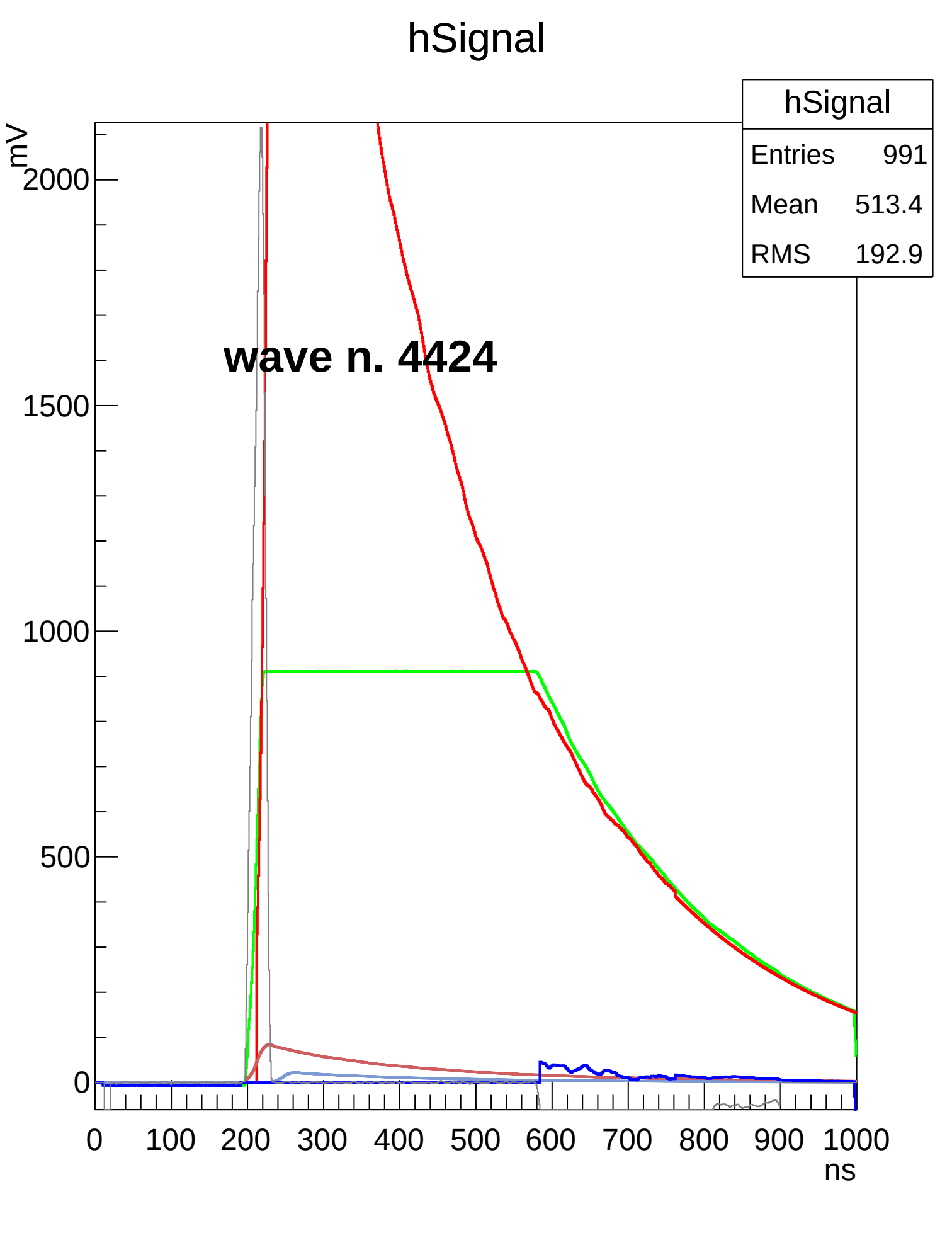
hSignal
hSignal
Entries 991
Mean 513.4
RMS 192.9
wave n. 4424
mV
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1000
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0
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400
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800
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1000
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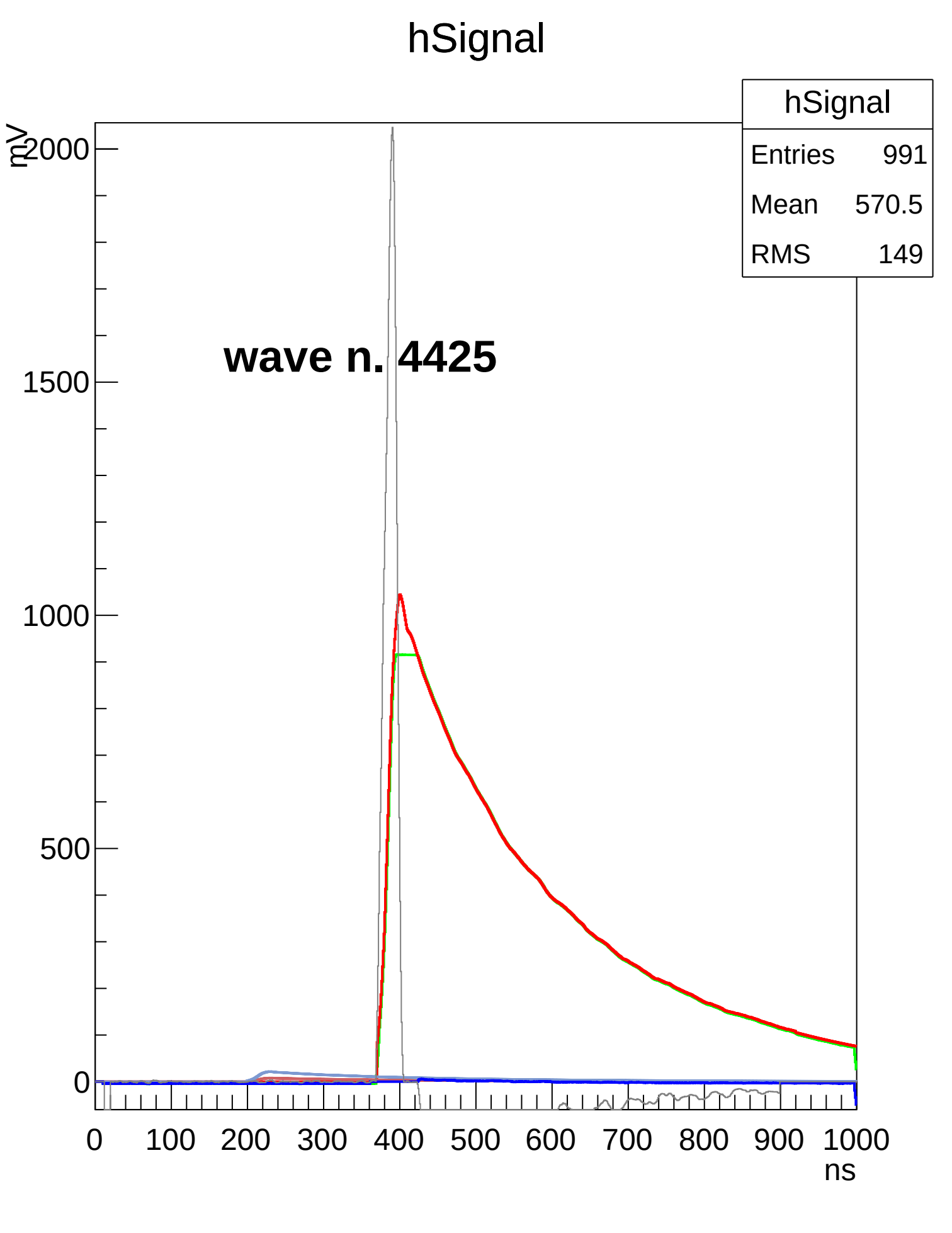
hSignal
hSignal
Entries 991
Mean 570.5
RMS 149
wave n. 4425
mV
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0
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400
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800
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1000
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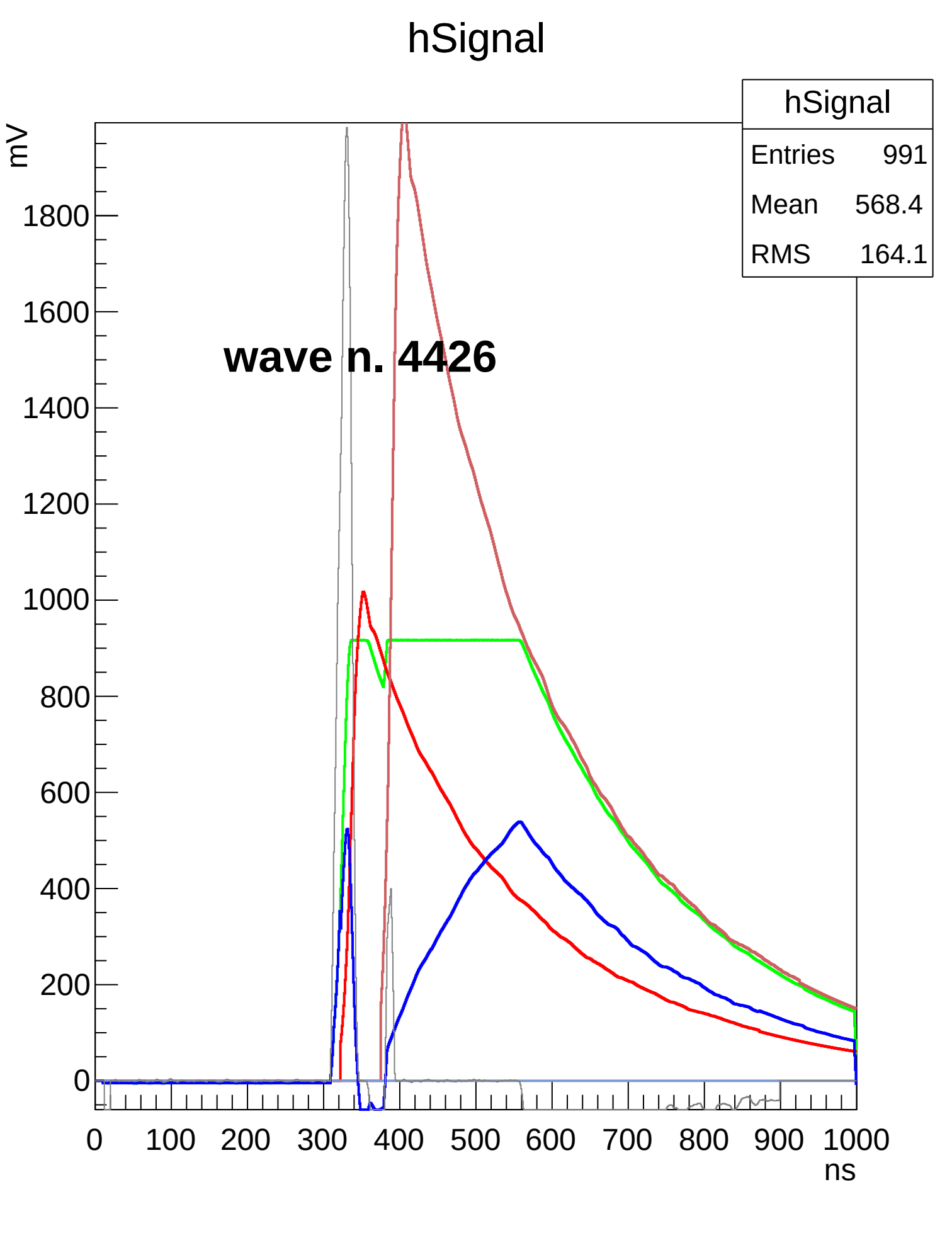
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hSignal
Entries 991
Mean 568.4
RMS 164.1
wave n. 4426
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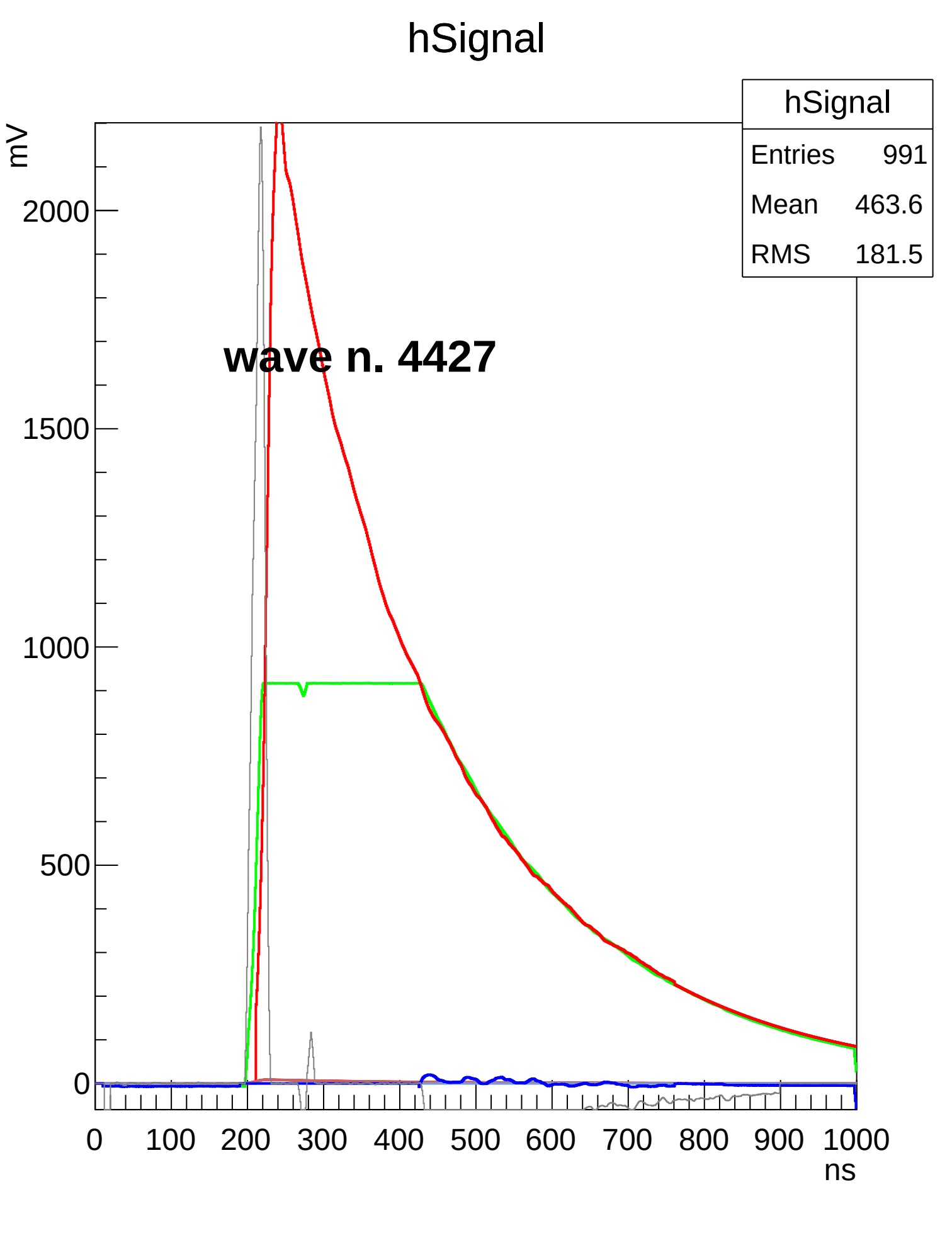
ns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hSignal
Entries 991
Mean 463.6
RMS 181.5
wave n. 4427
mV
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1000
500
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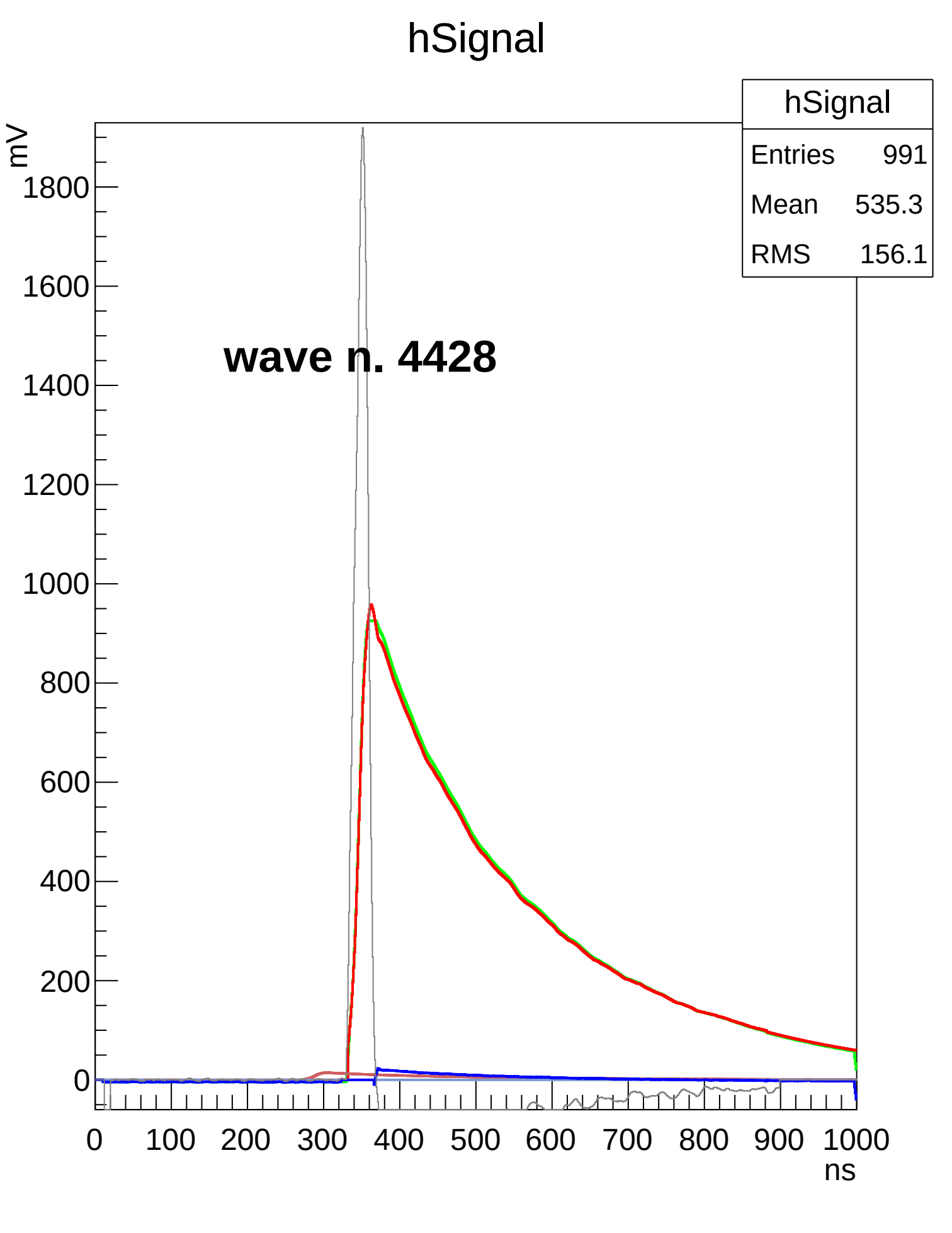
ns


hSignal
hSignal
Entries 991
Mean 535.3
RMS 156.1
wave n. 4428
mV
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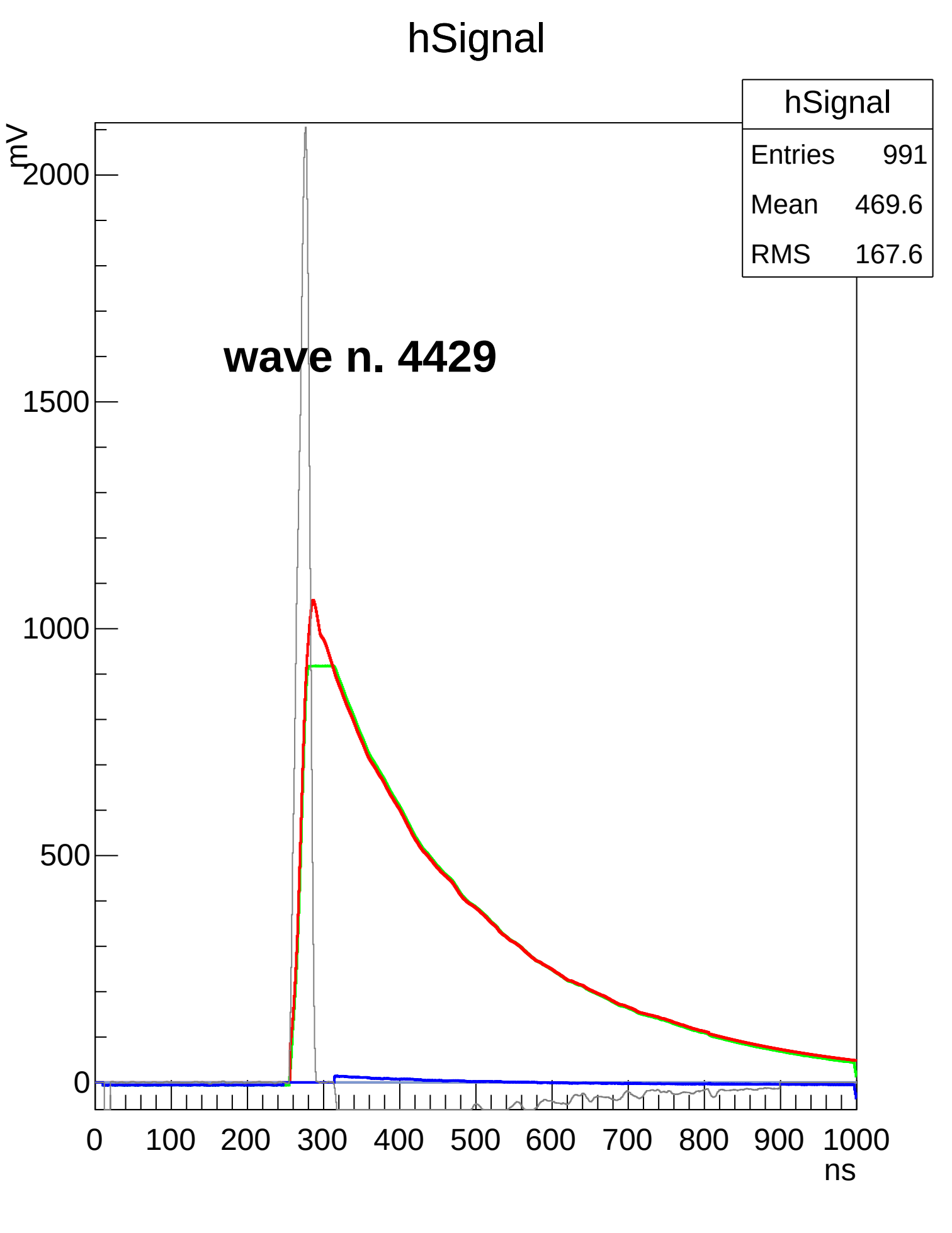
hSignal
hSignal
Entries 991
Mean 469.6
RMS 167.6
wave n. 4429
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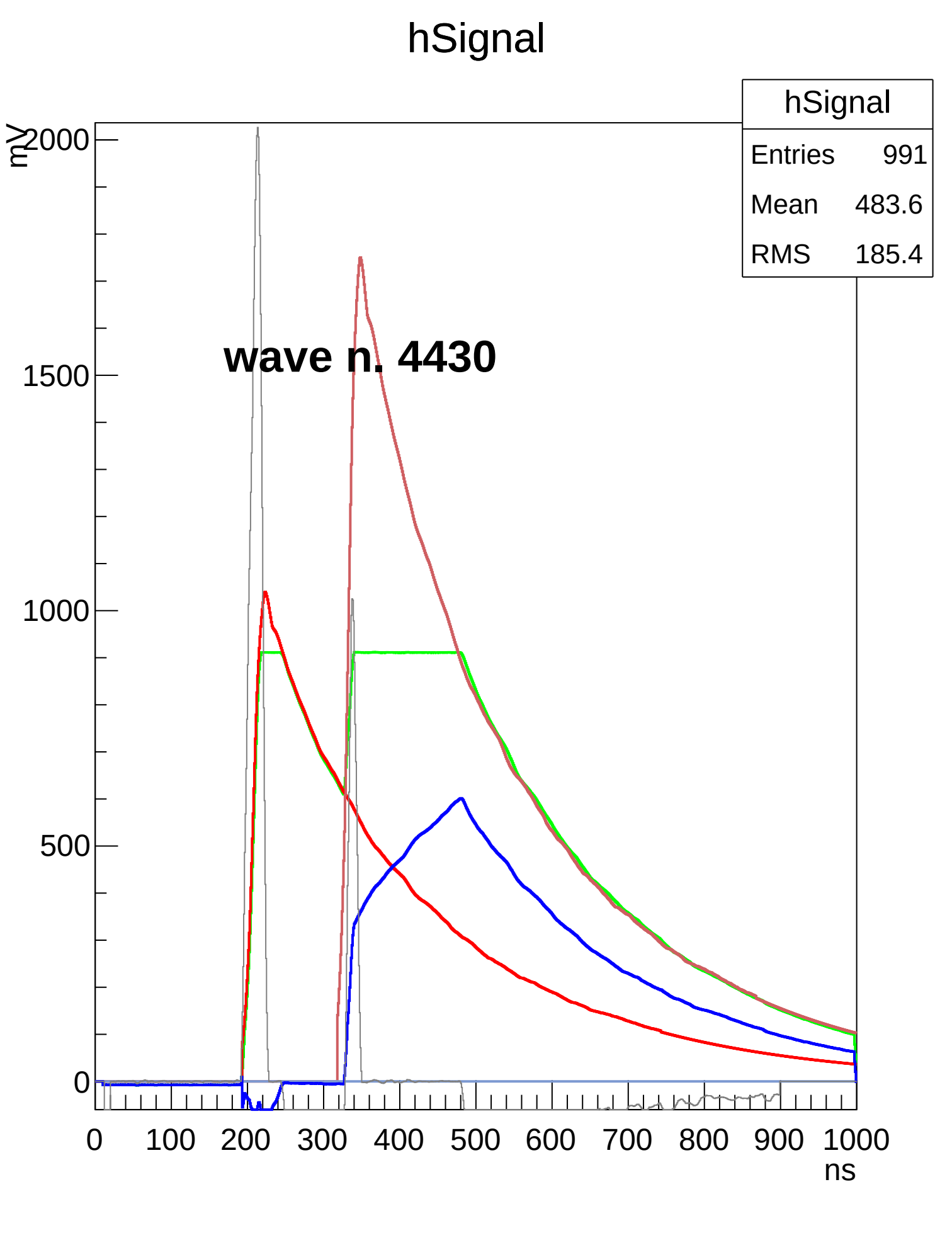
ns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hSignal
Entries 991
Mean 483.6
RMS 185.4
wave n. 4430
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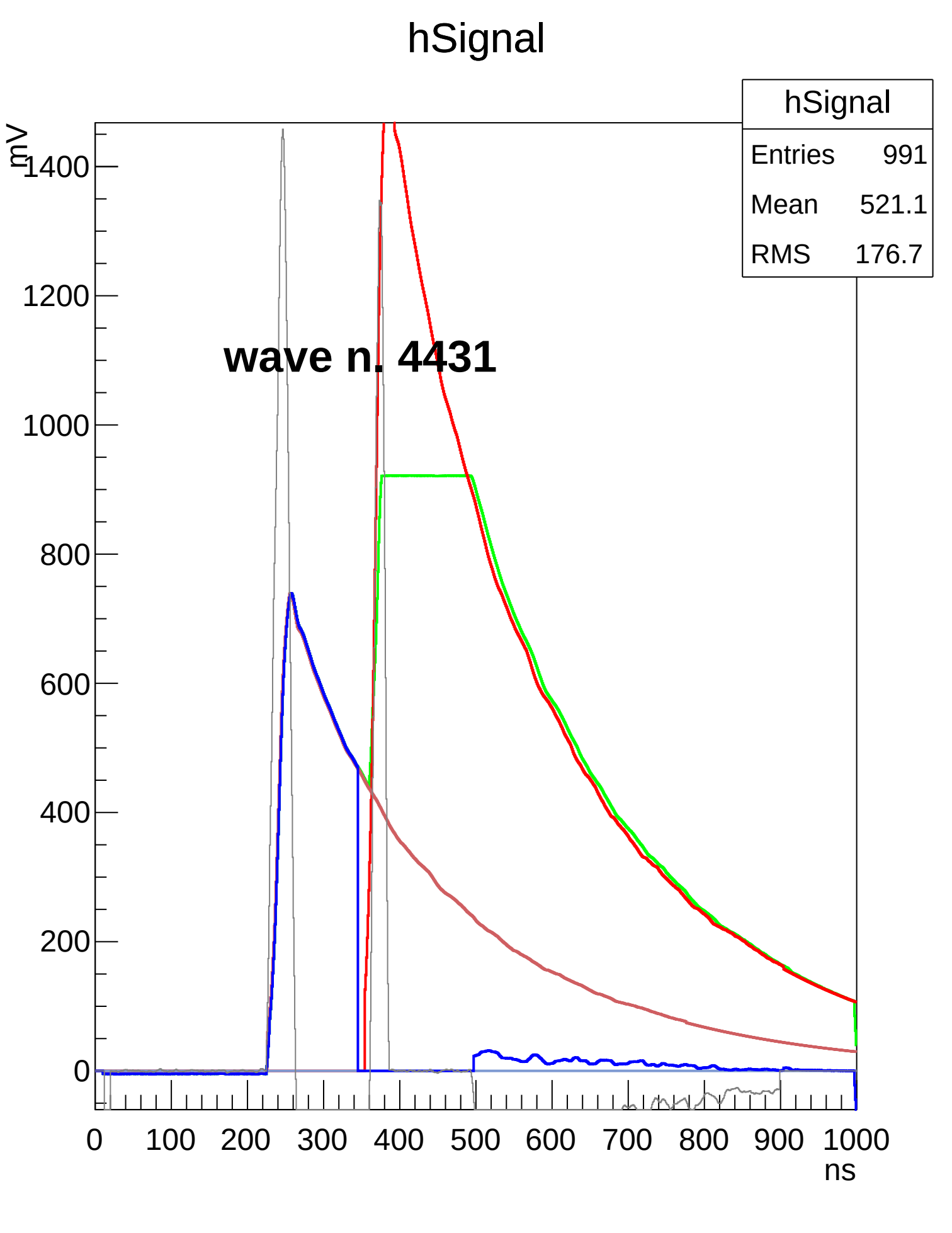
800
900
1000
ns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hSignal
Entries 991
Mean 521.1
RMS 176.7
wave n. 4431
mV
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400
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1000
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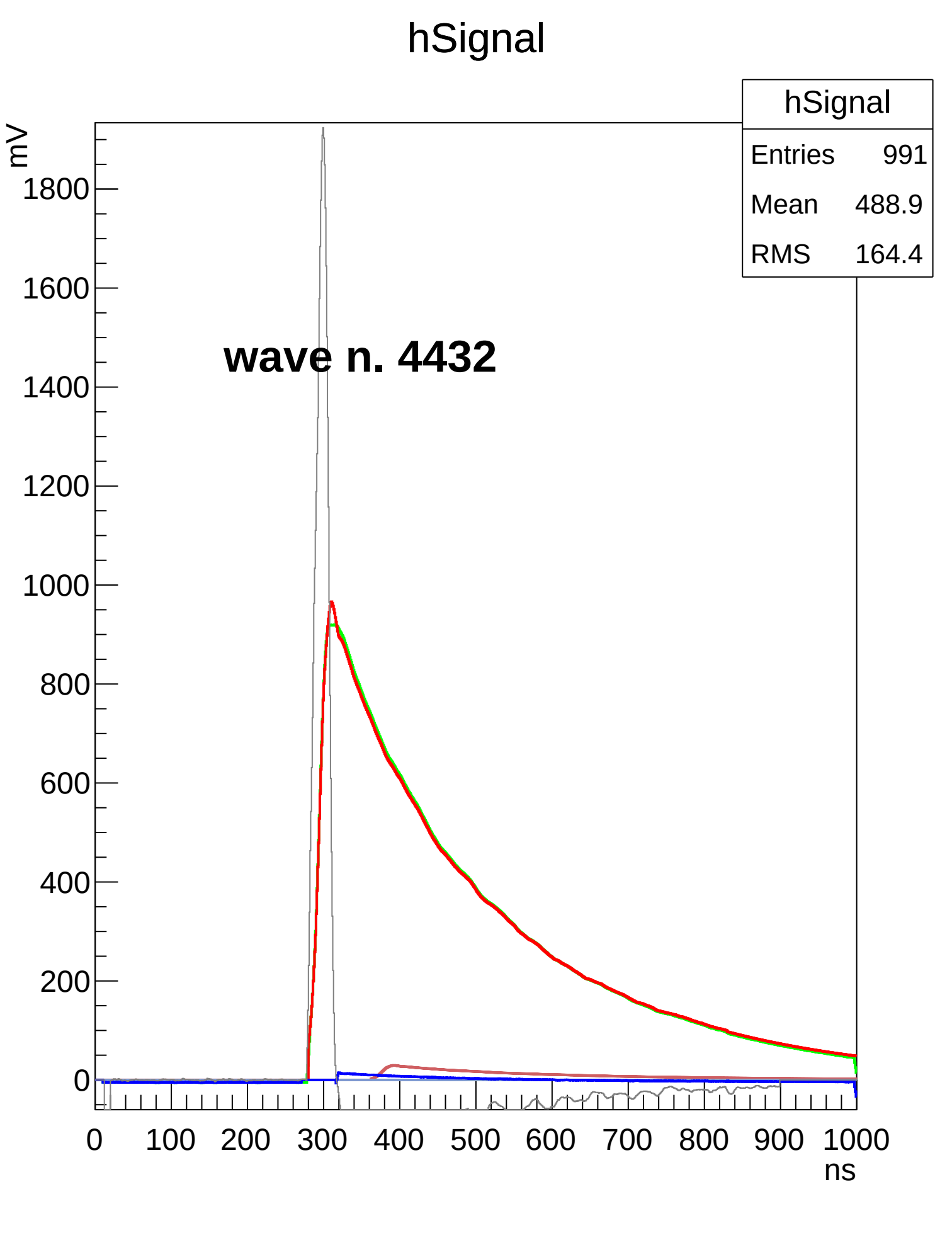
hSignal
hSignal
Entries 991
Mean 488.9
RMS 164.4
wave n. 4432
mV
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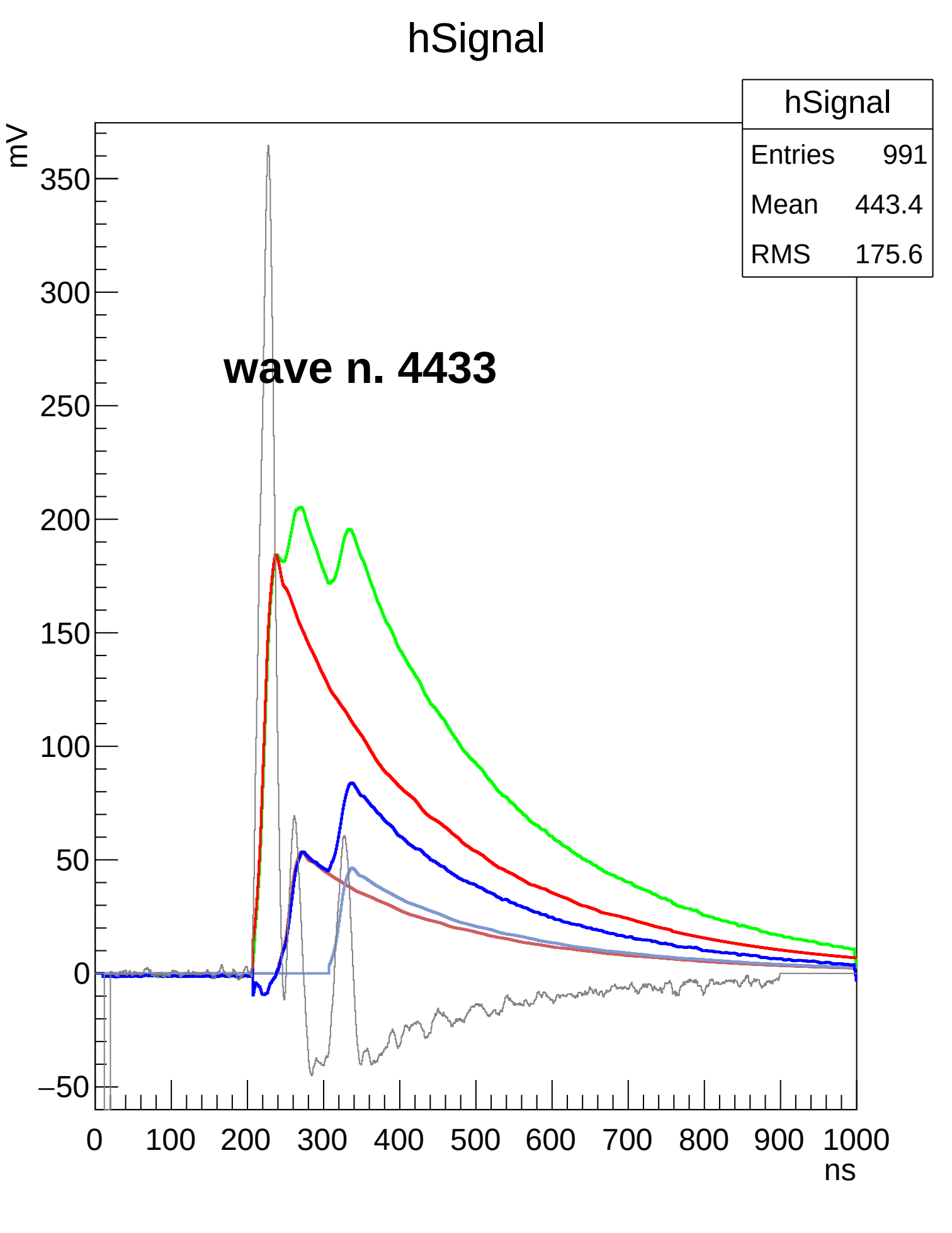
1000
ns


hSignal
hSignal
Entries 991
Mean 443.4
RMS 175.6
wave n. 4433
mV
350
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50
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0
100
200
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400
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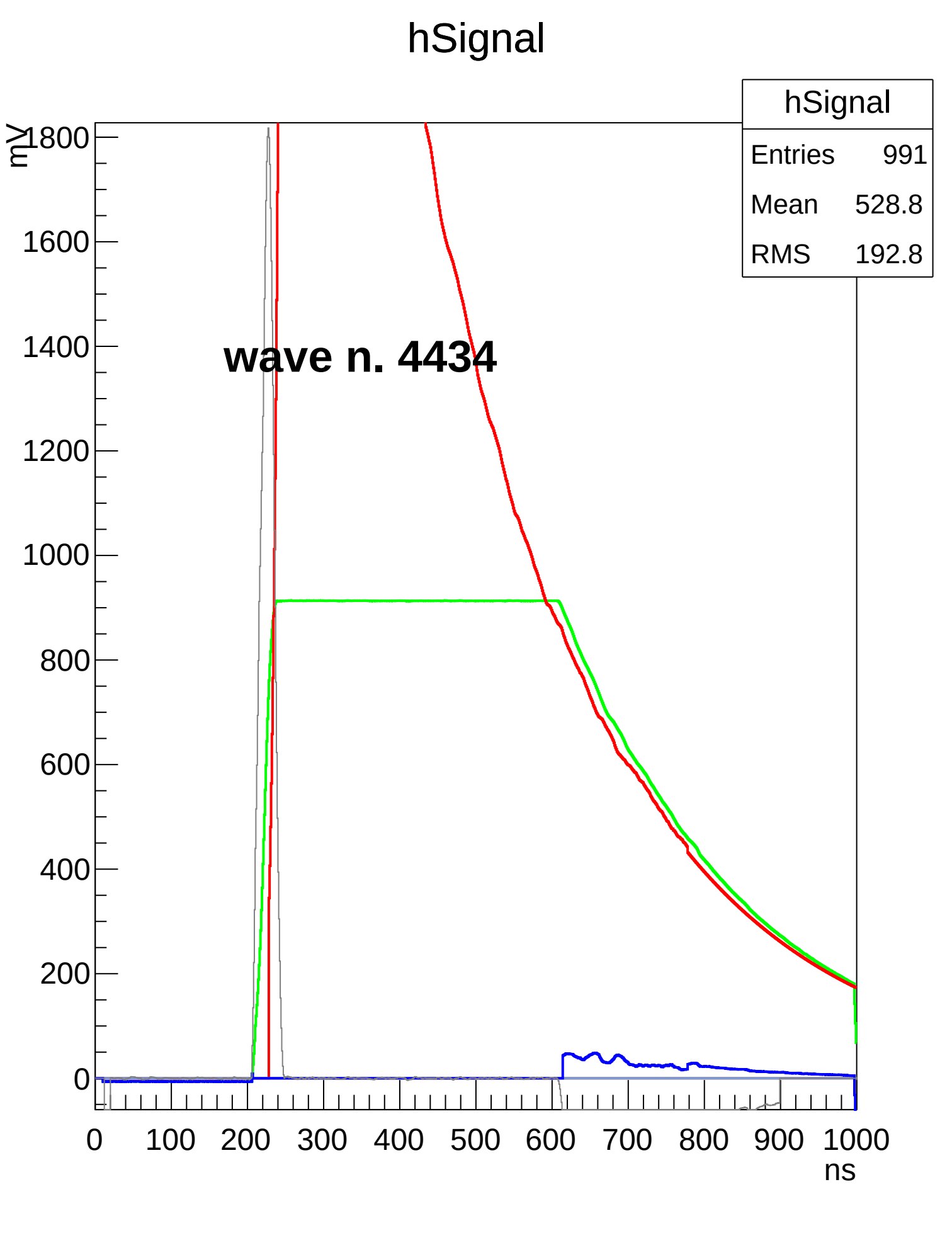
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 528.8
RMS 192.8
wave n. 4434
mV
1800
1600
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0
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400
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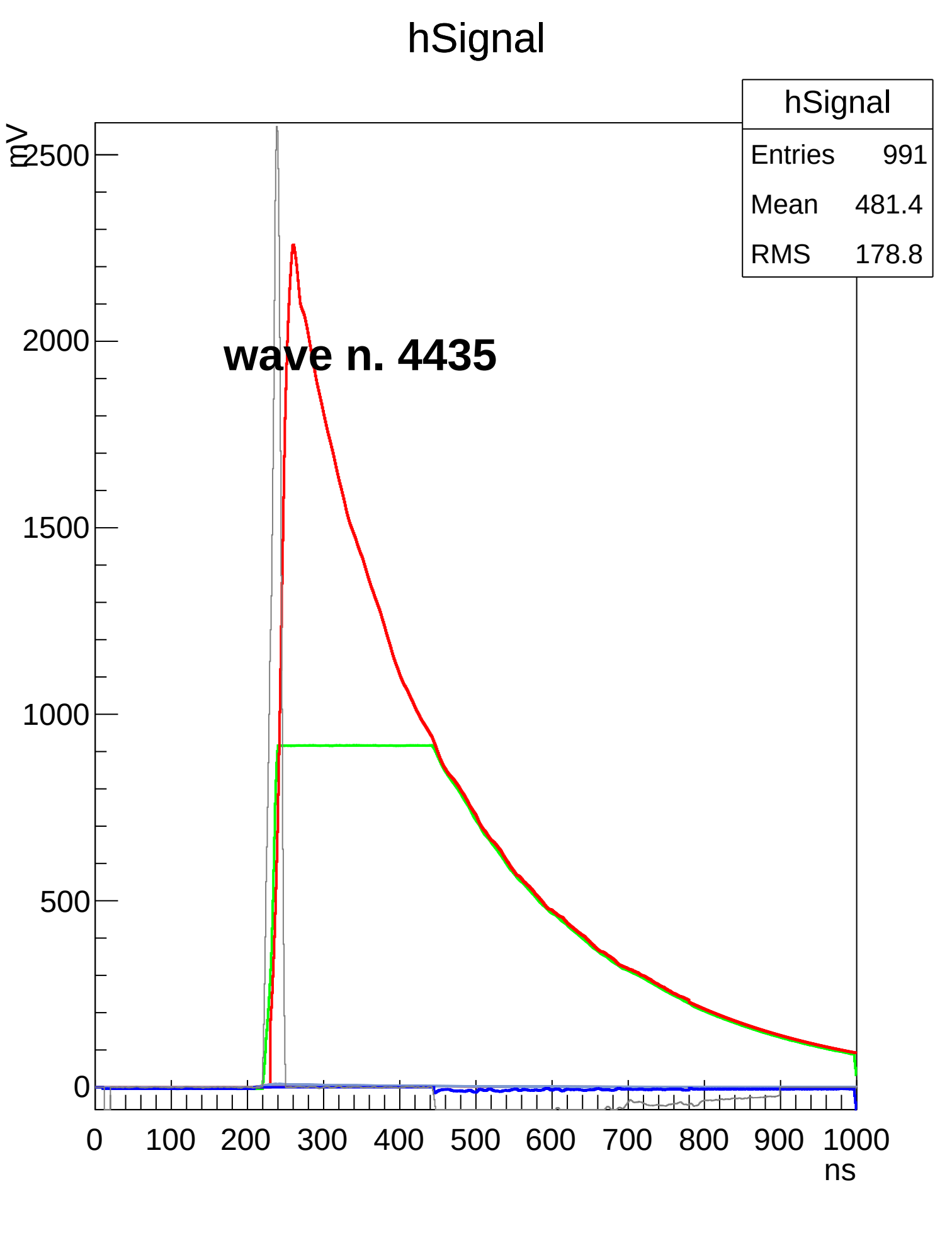
1000
ns


hSignal
hSignal
Entries 991
Mean 481.4
RMS 178.8
wave n. 4435
mV
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1000
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0
0
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300
400
500
600
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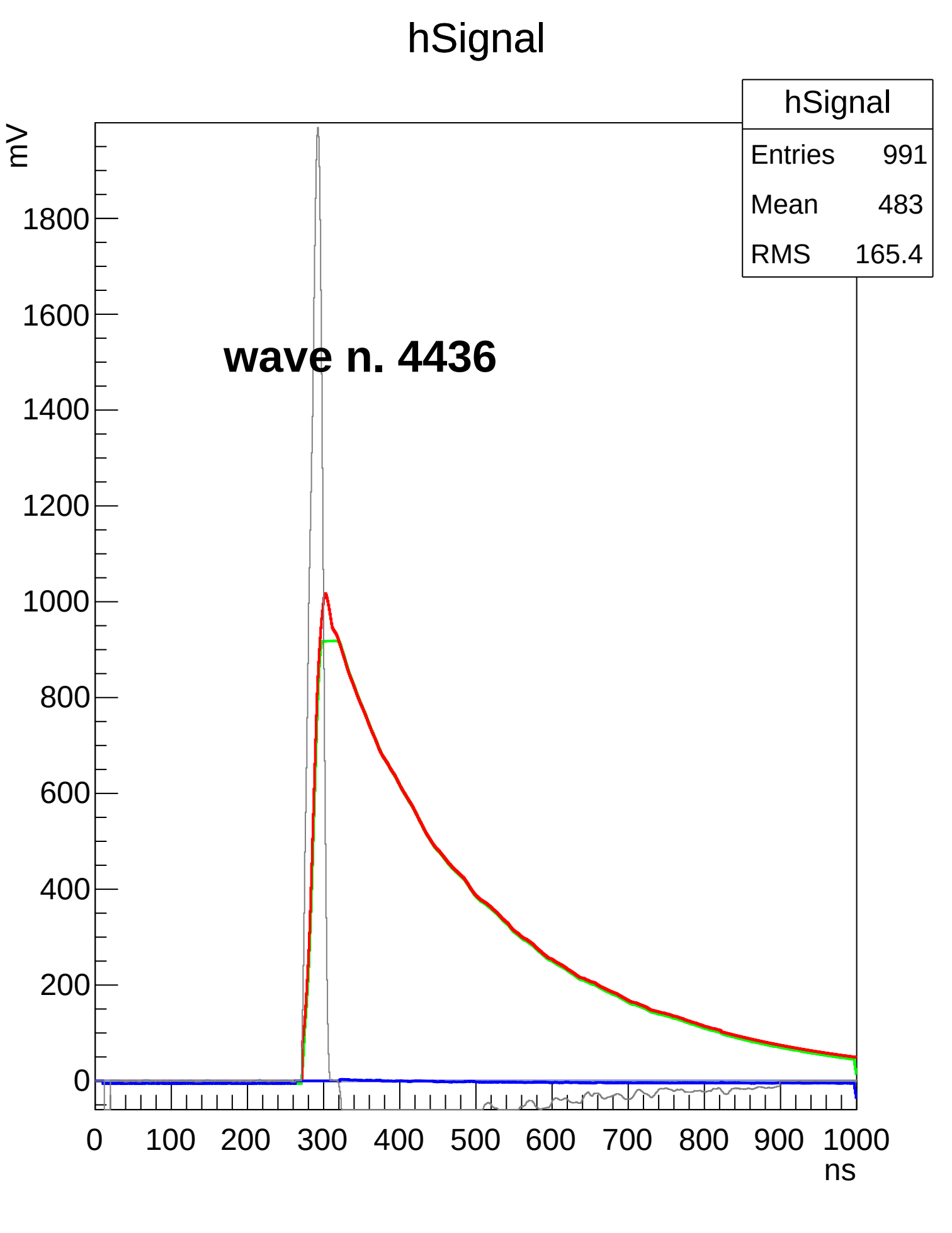
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 483
RMS 165.4
wave n. 4436
mV
1800
1600
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1200
1000
800
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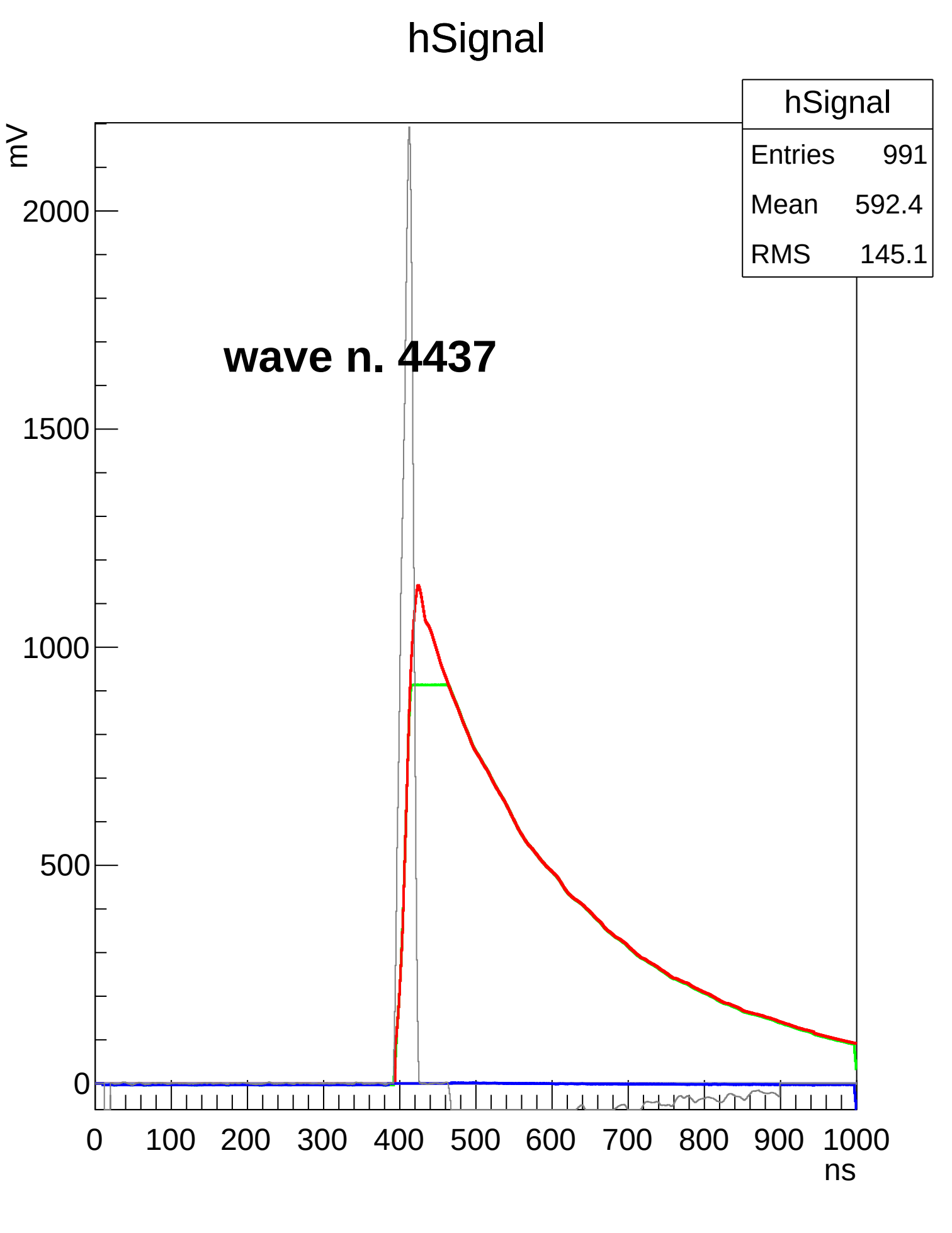
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 592.4
RMS 145.1
wave n. 4437
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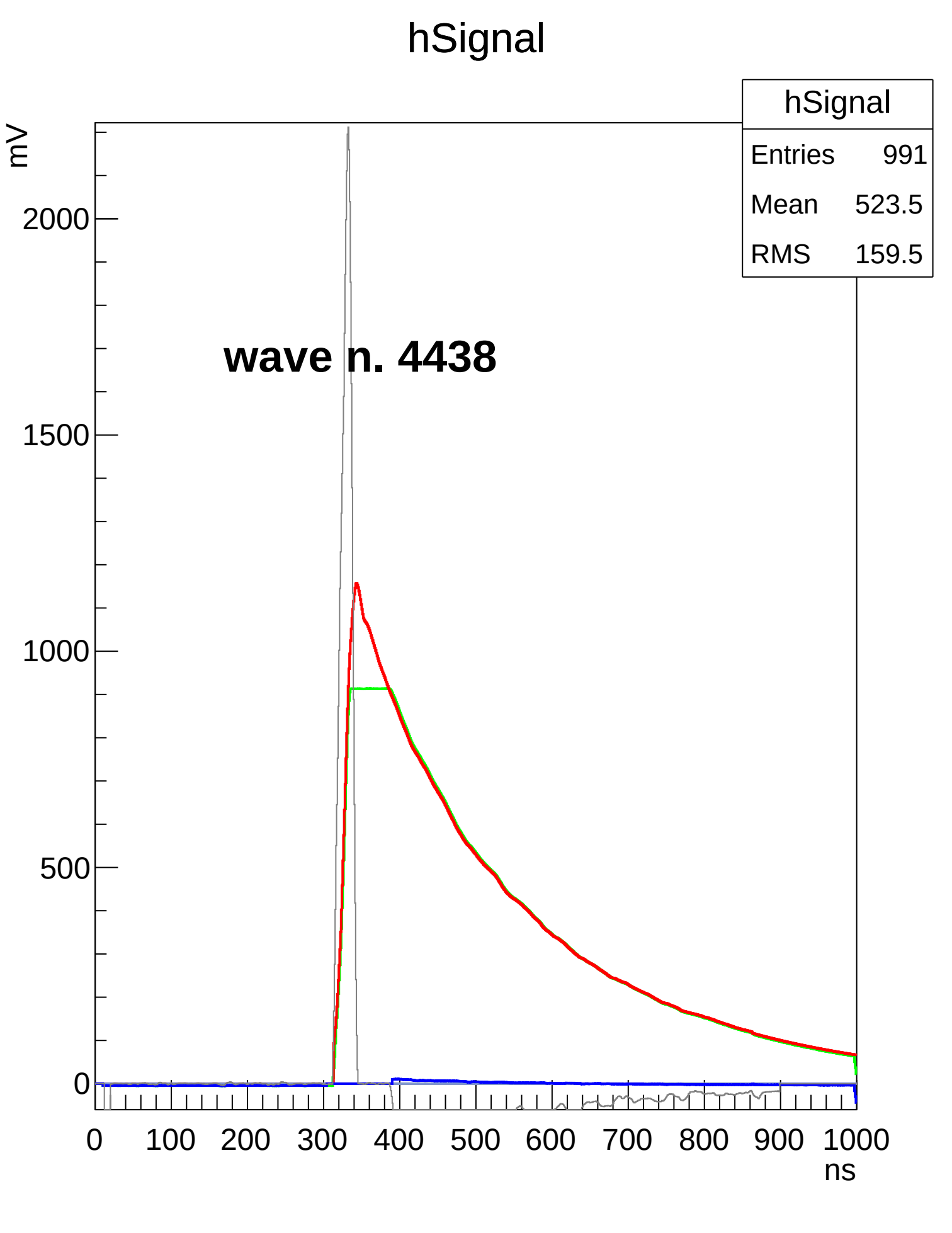
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 523.5
RMS 159.5
wave n. 4438
mV
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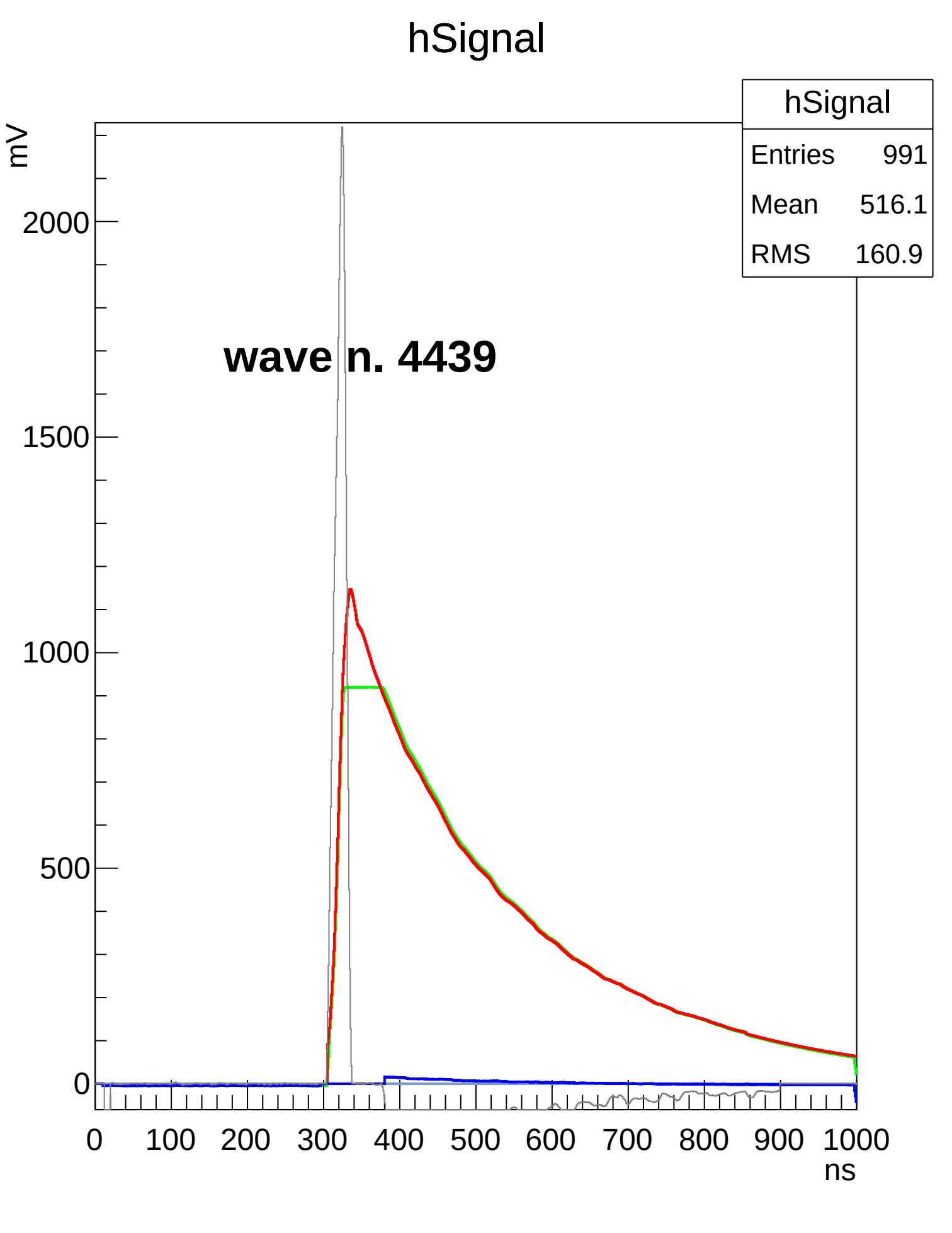
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 516.1
RMS 160.9
wave n. 4439
mV
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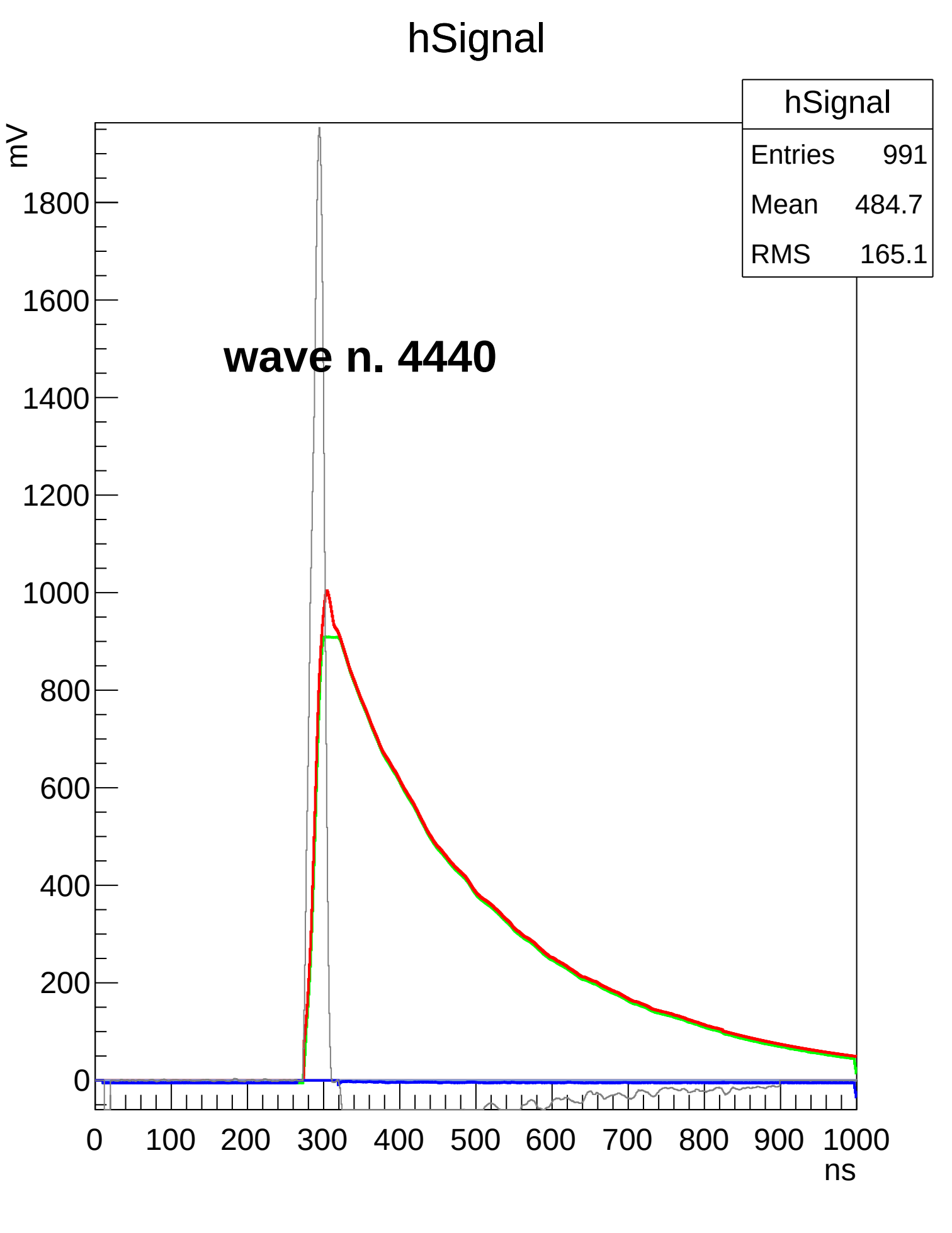
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 484.7
RMS 165.1
wave n. 4440
mV
1800
1600
1400
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600
400
200
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0
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200
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400
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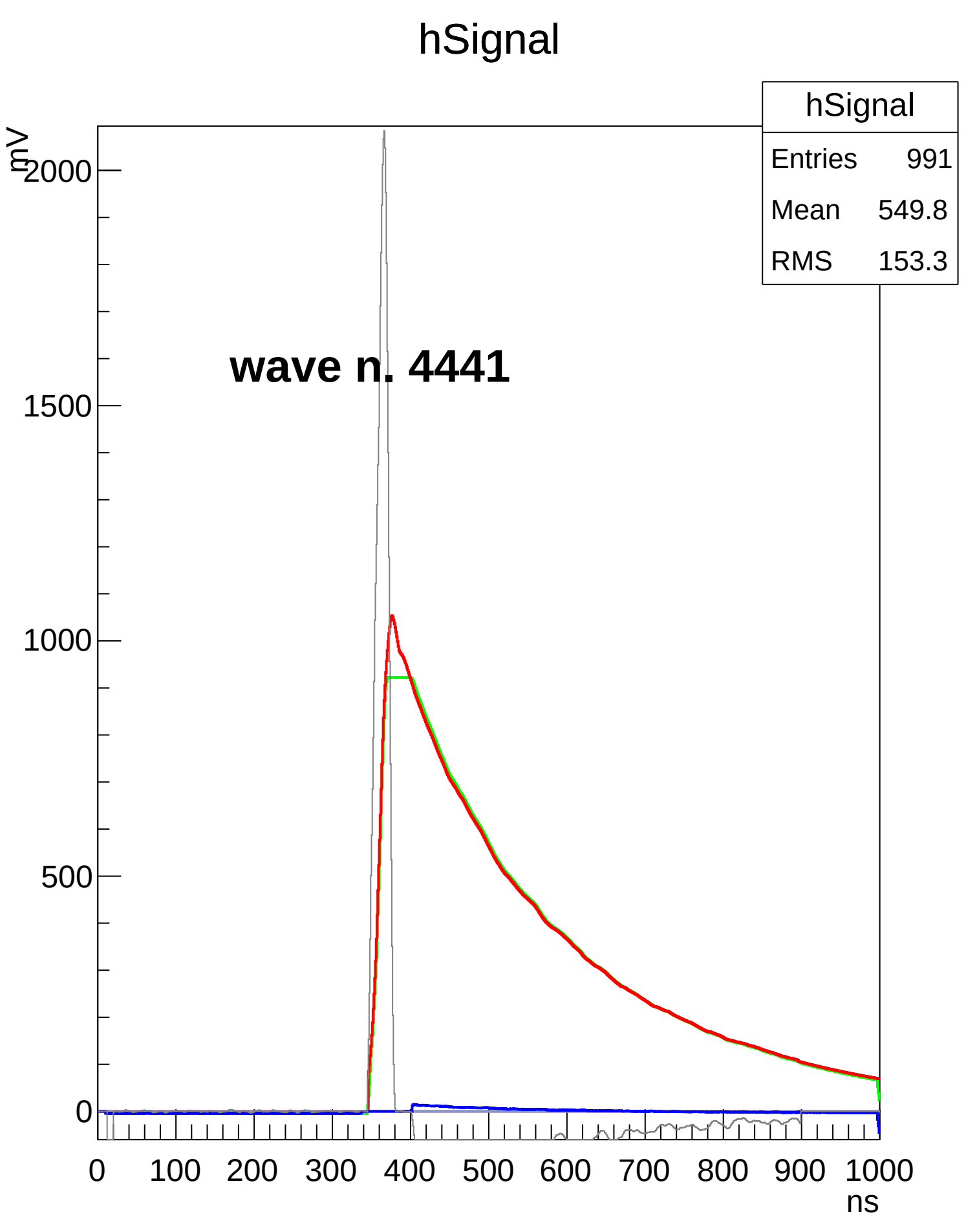
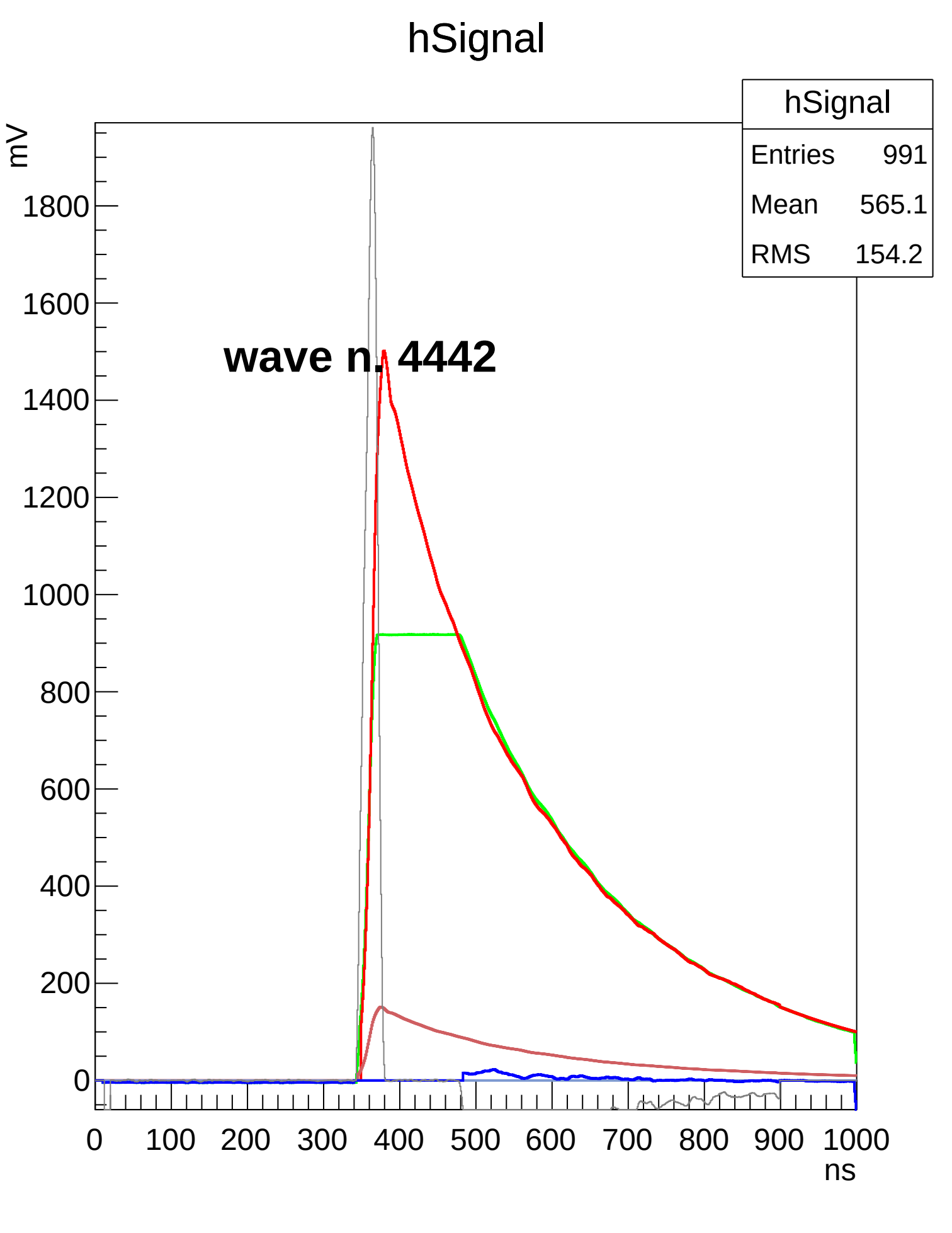
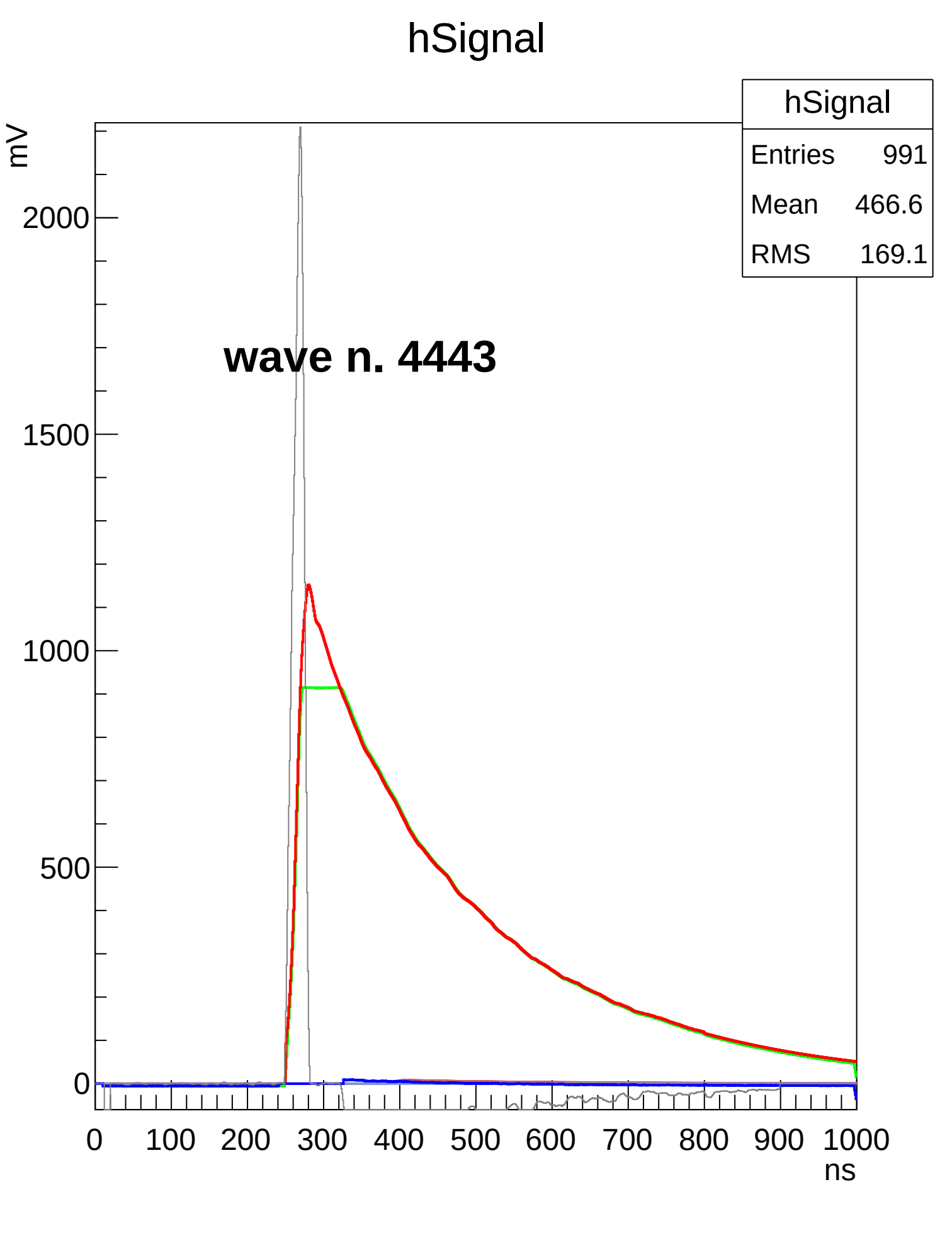
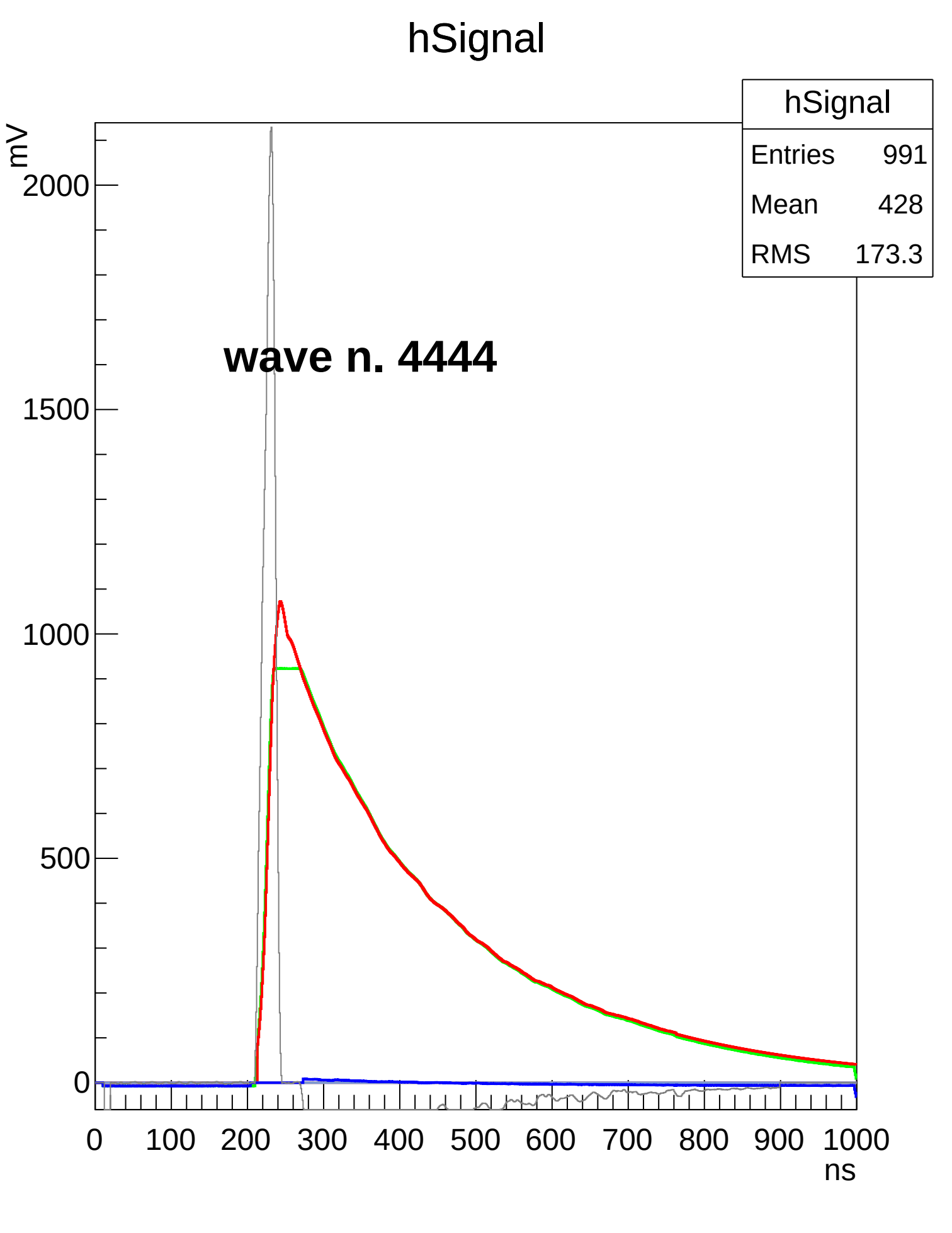
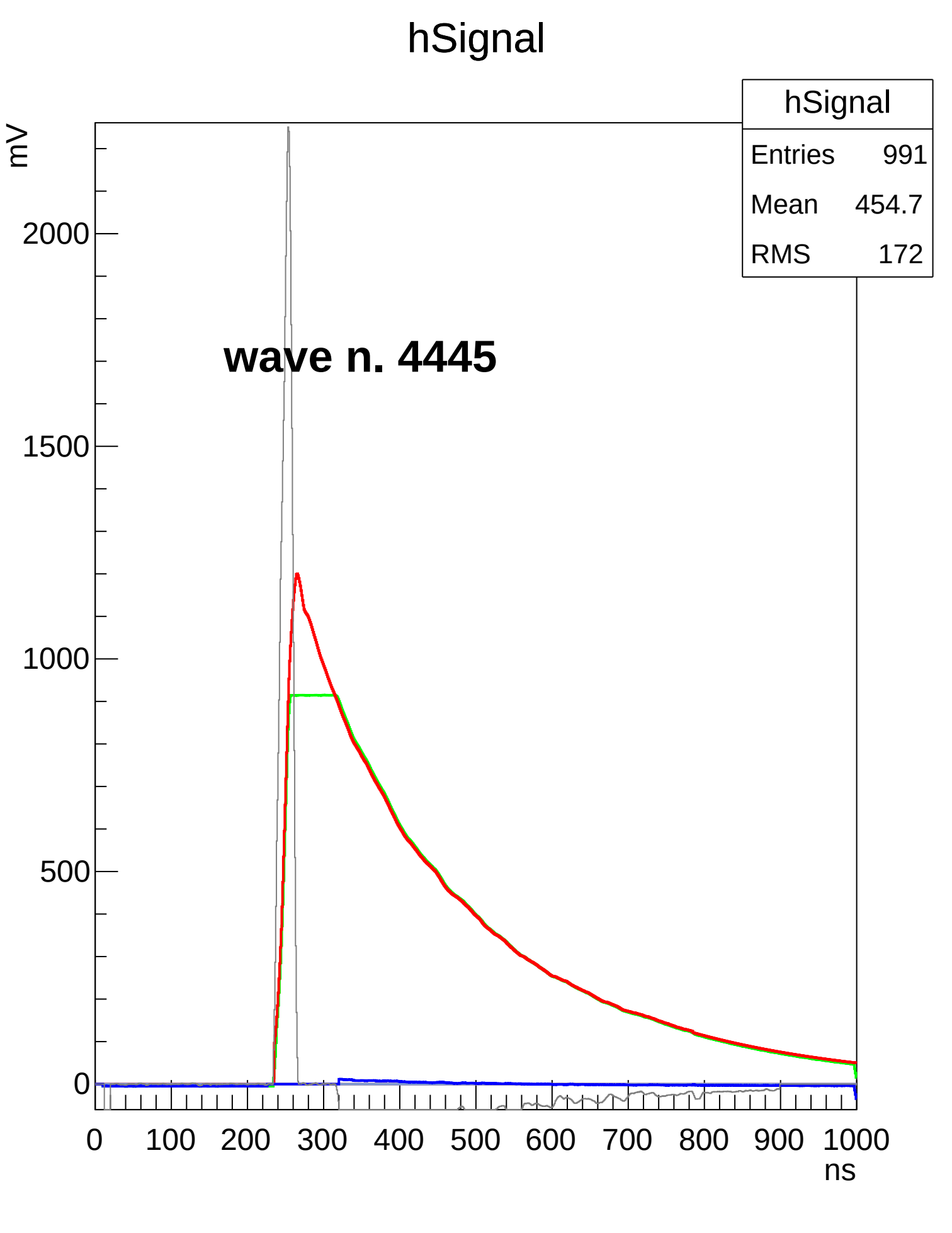
1000
ns

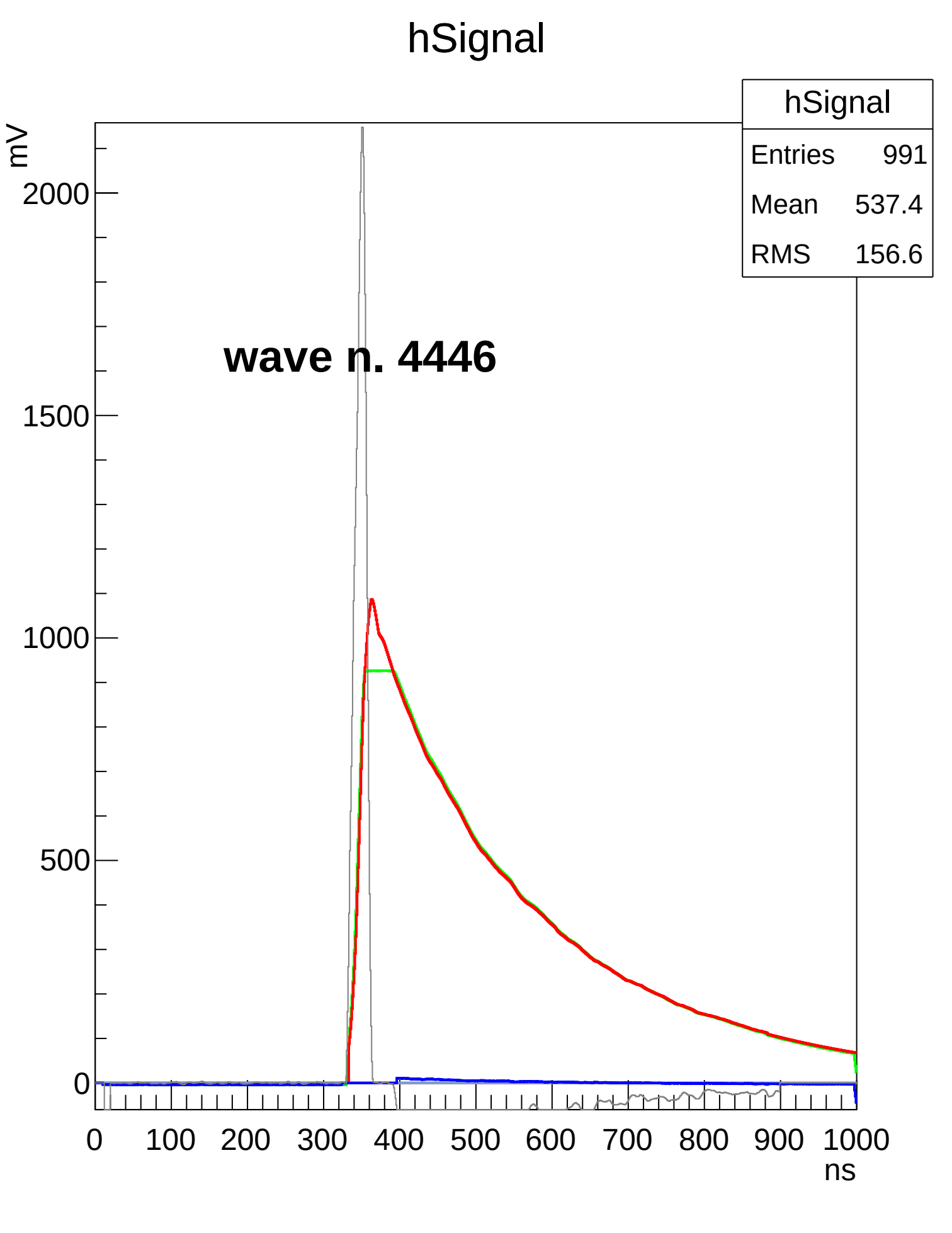

hSignal
hSignal
Entries 991
Mean 549.8
RMS 153.3
wave n. 4441
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

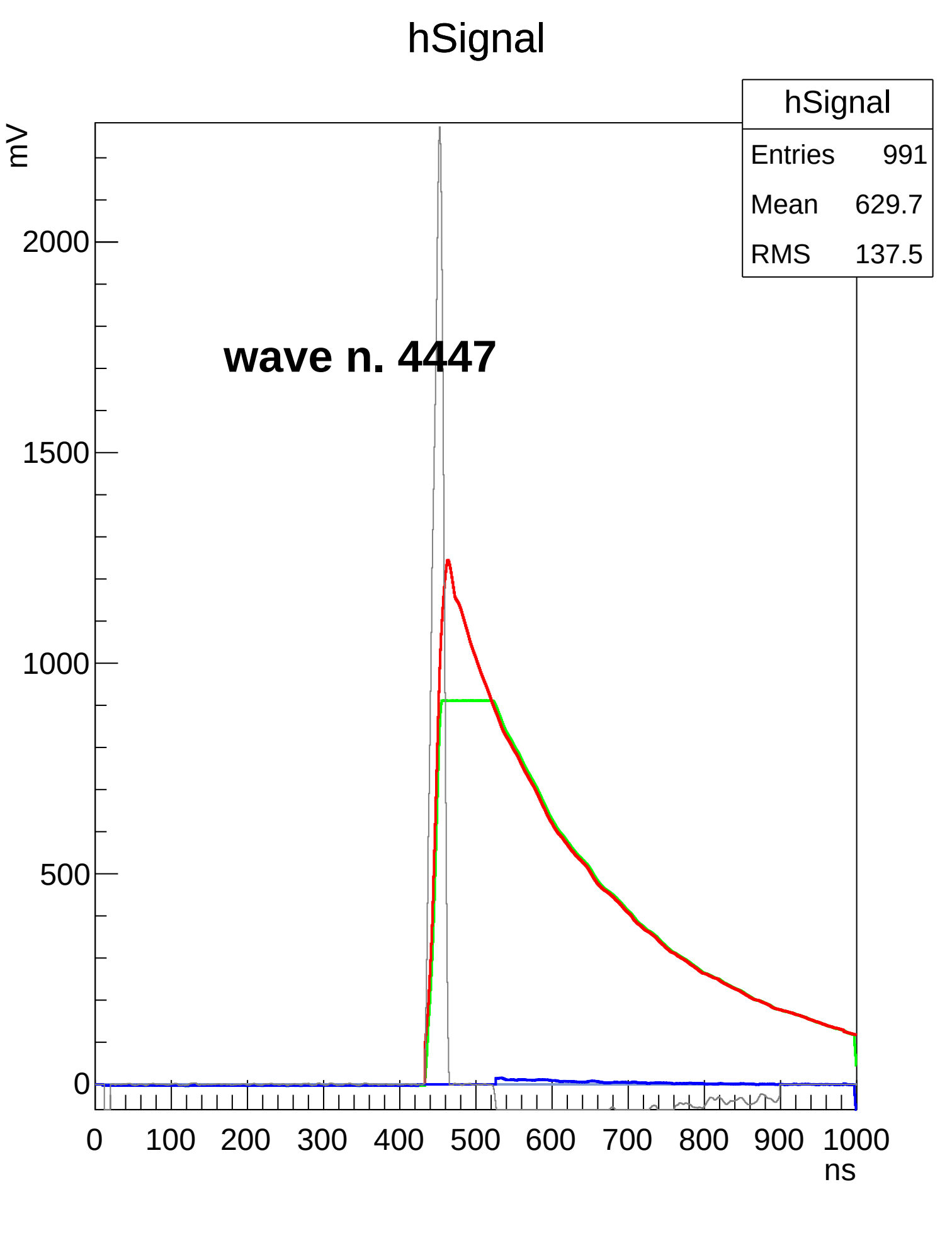

hSignal
hSignal
Entries 991
Mean 565.1
RMS 154.2
wave n. 4442
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

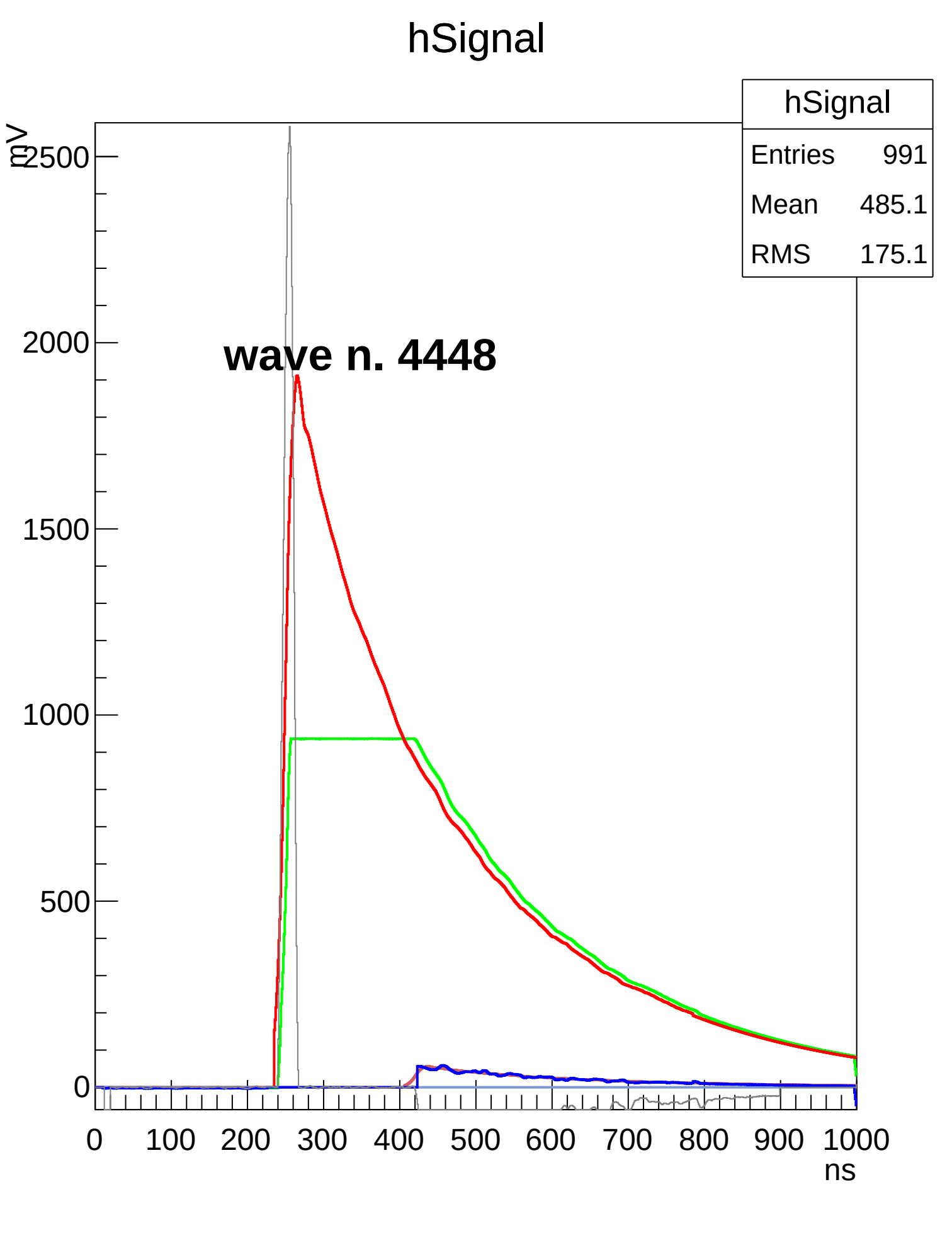

hSignal
hSignal
Entries 991
Mean 466.6
RMS 169.1
wave n. 4443
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

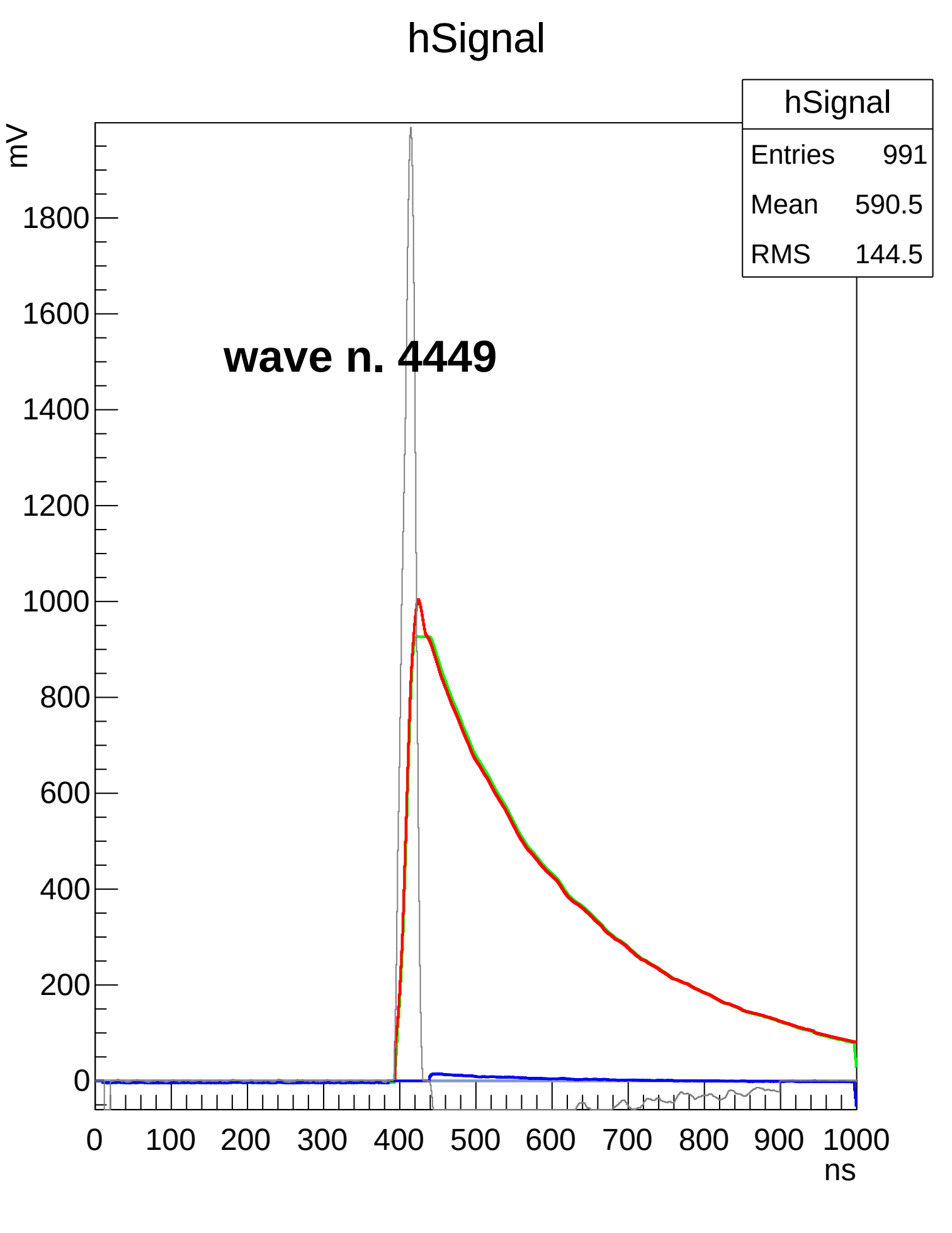

hSignal
hSignal
Entries 991
Mean 428
RMS 173.3
wave n. 4444
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

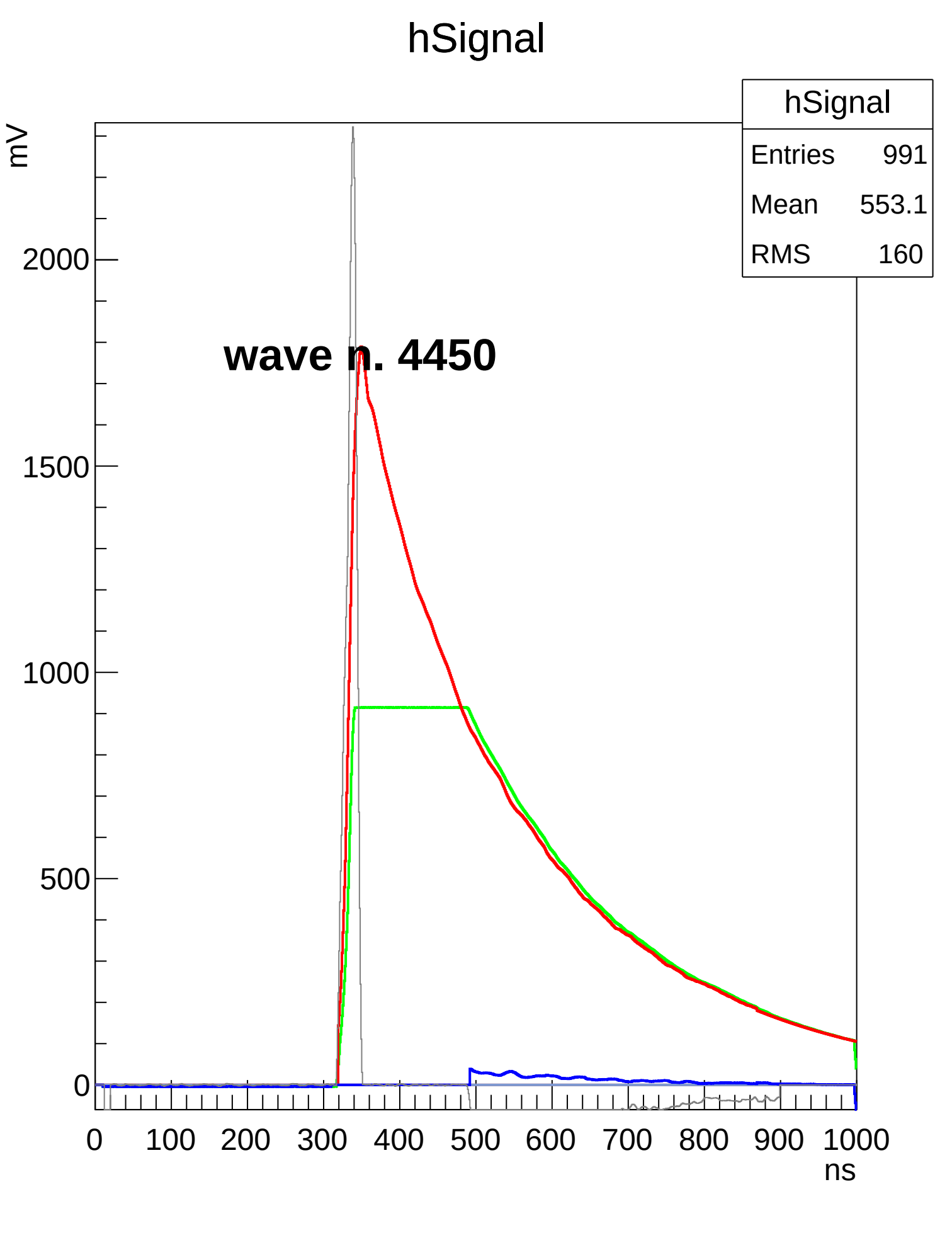

hSignal
hSignal
Entries 991
Mean 454.7
RMS 172
wave n. 4445
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 537.4
RMS 156.6
wave n. 4446
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 629.7
RMS 137.5
wave n. 4447
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485.1
RMS 175.1
wave n. 4448
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 590.5
RMS 144.5
wave n. 4449
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.1
RMS 160
wave n. 4450
mV
2000
1500
1000
500
0
0
100
200
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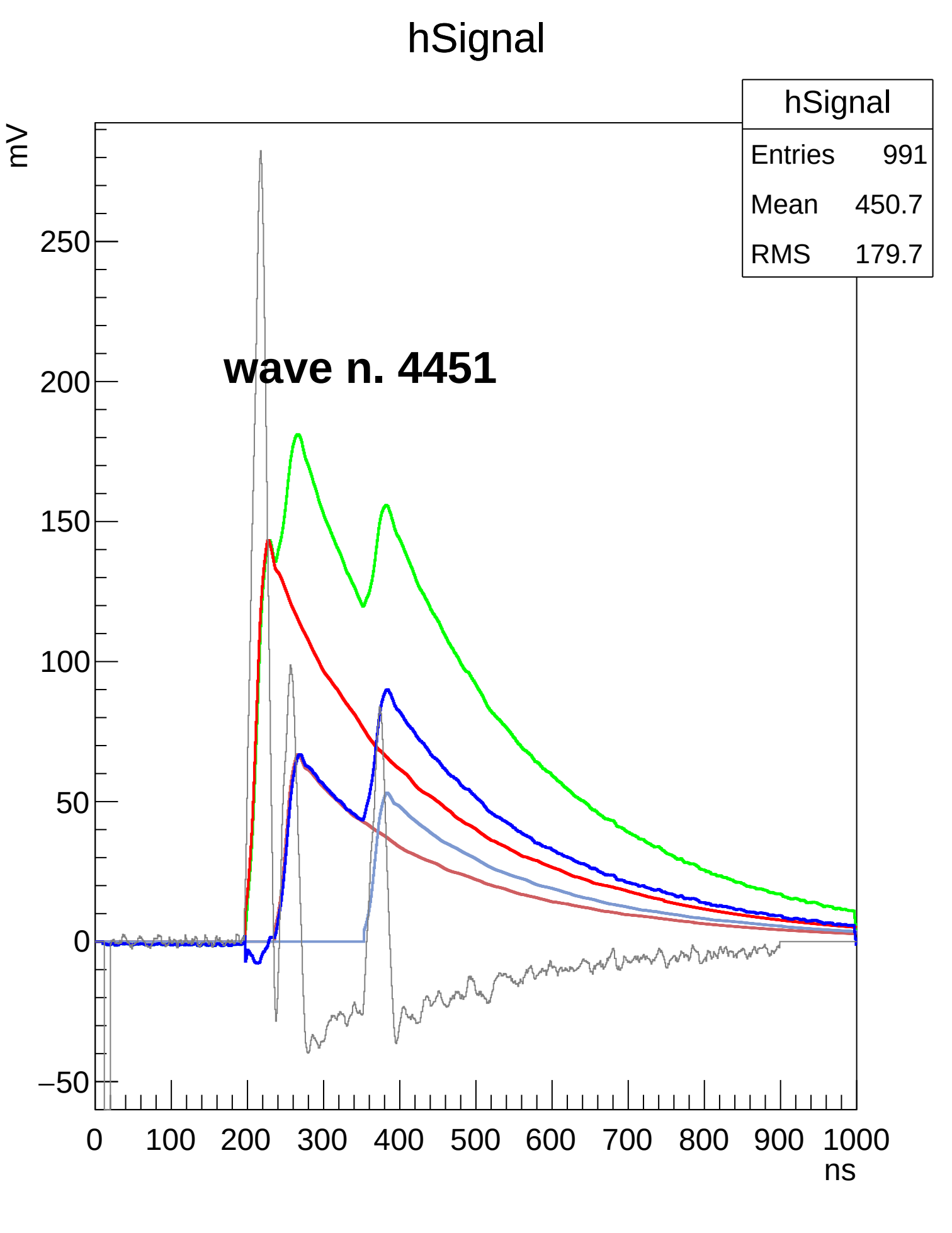
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 450.7
RMS 179.7
wave n. 4451
mV
250
200
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100
50
0
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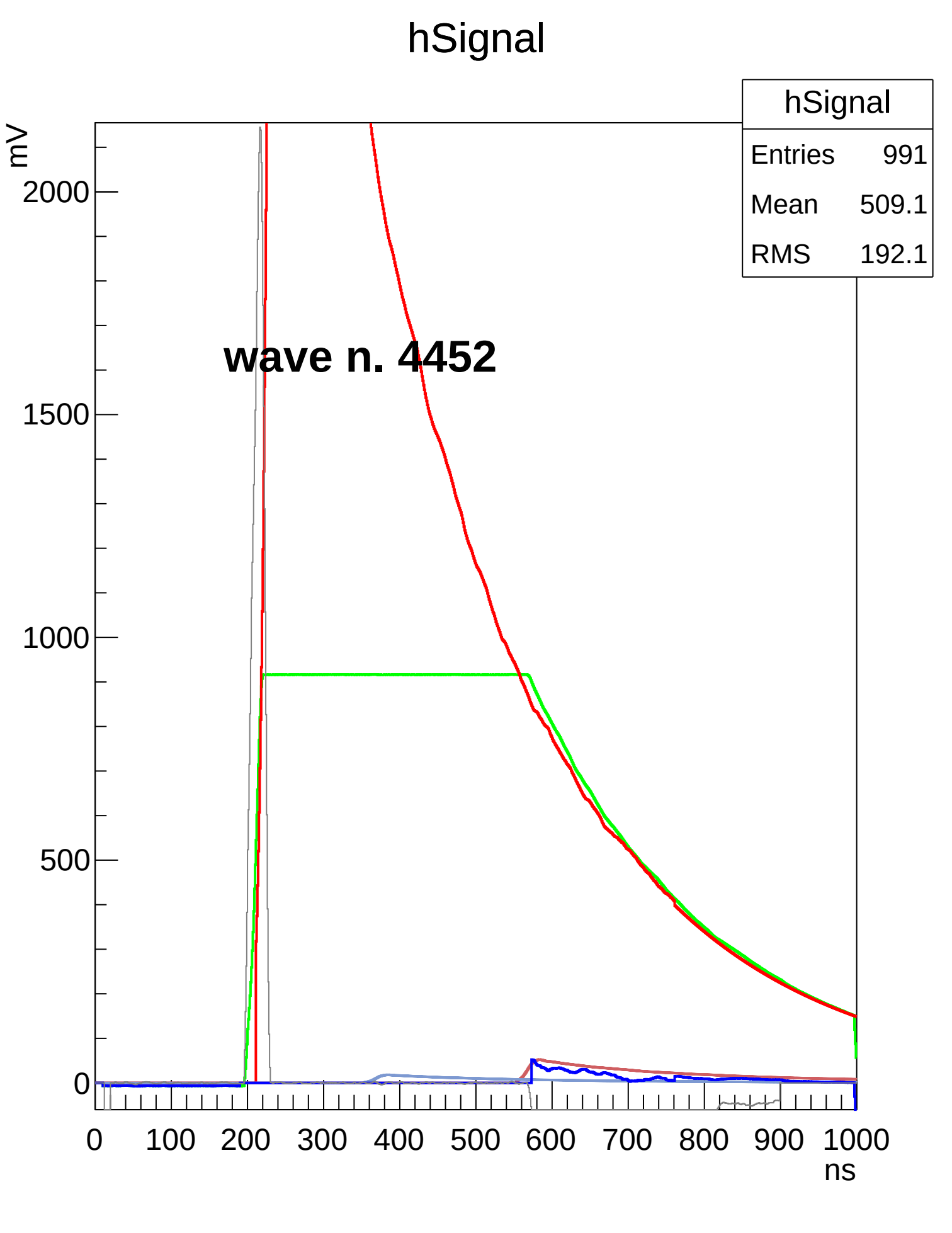
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 509.1
RMS 192.1
wave n. 4452
mV
2000
1500
1000
500
0
0
100
200
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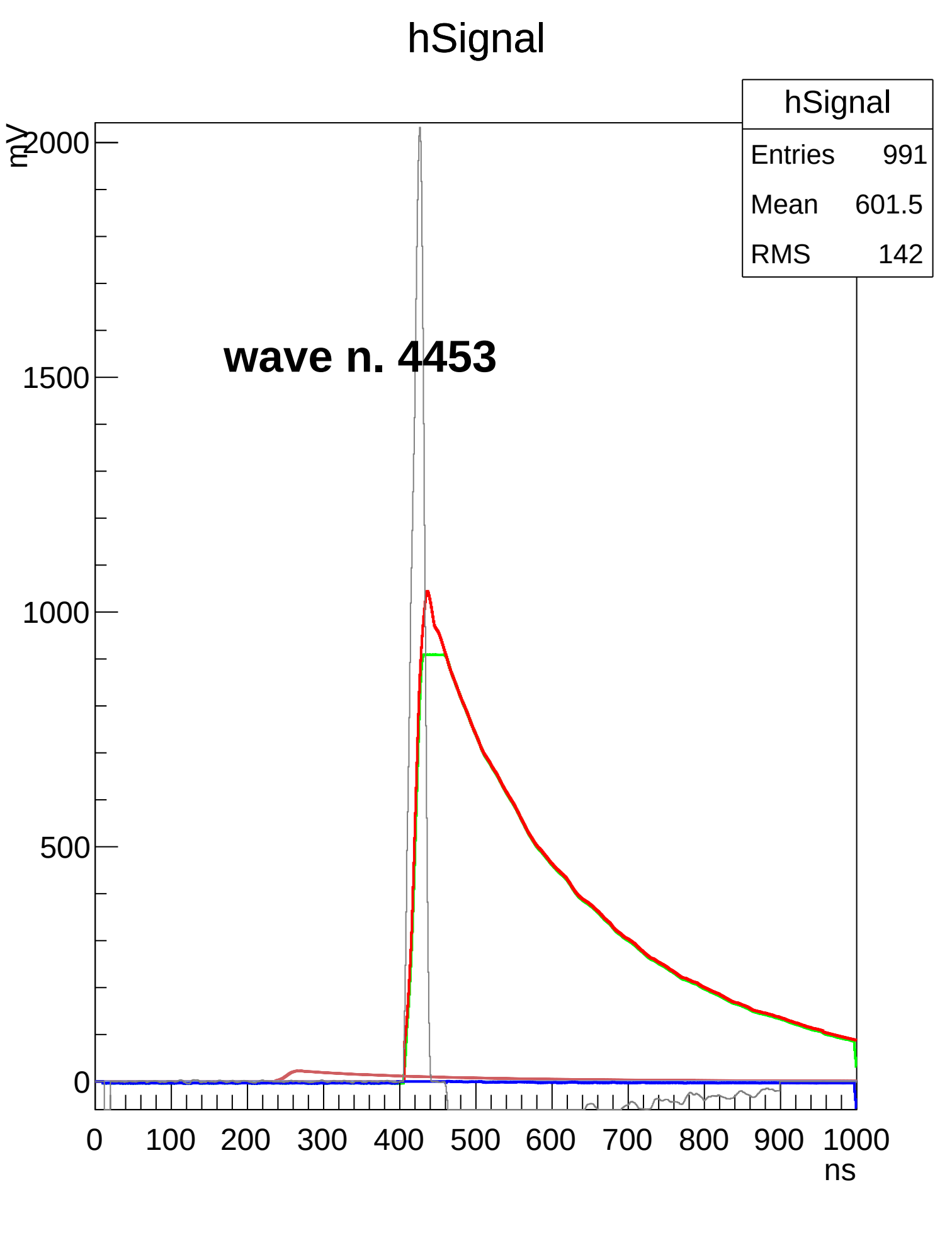
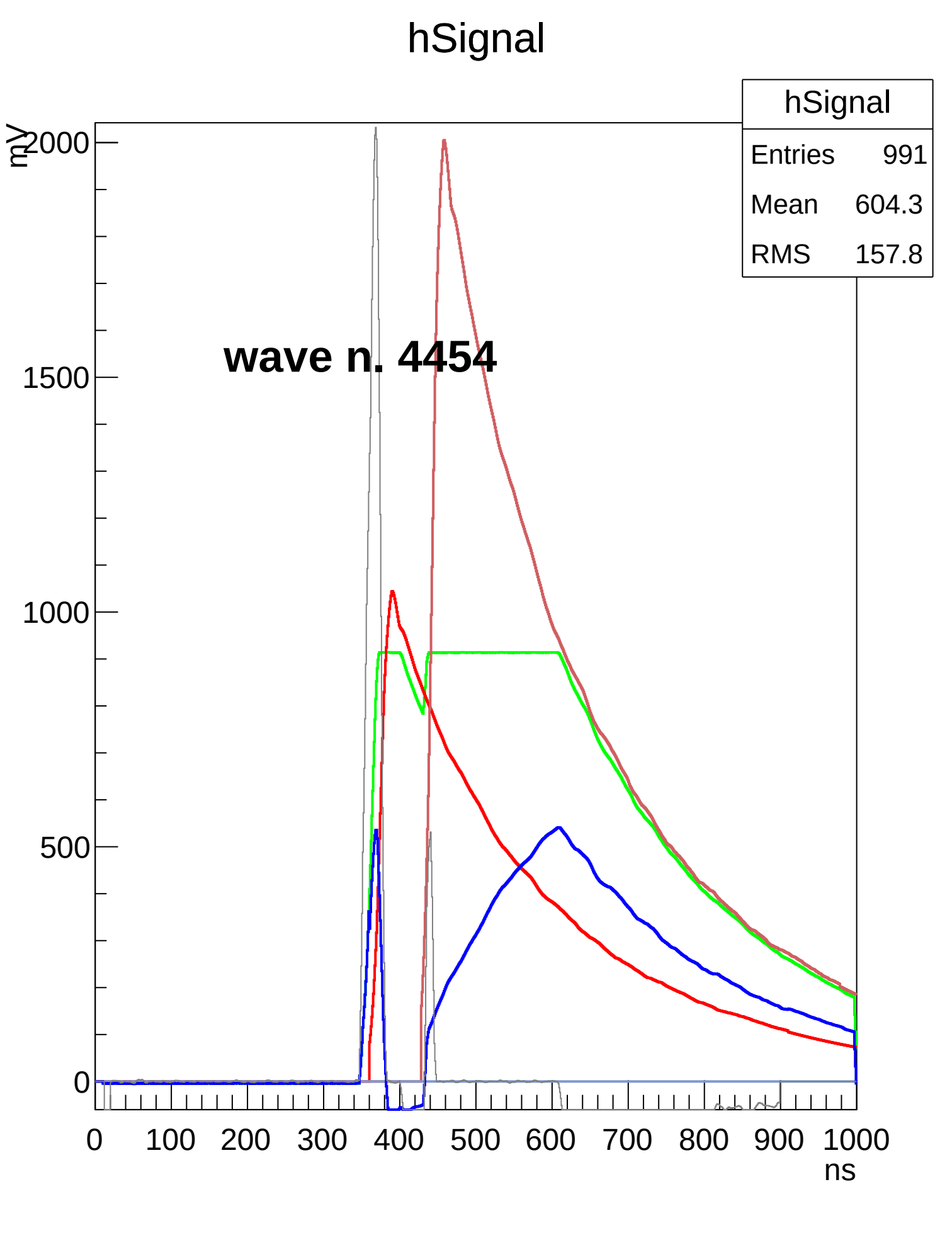
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 601.5
RMS 142
wave n. 4453
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 604.3
RMS 157.8
wave n. 4454
mV
2000
1500
1000
500
0
0
100
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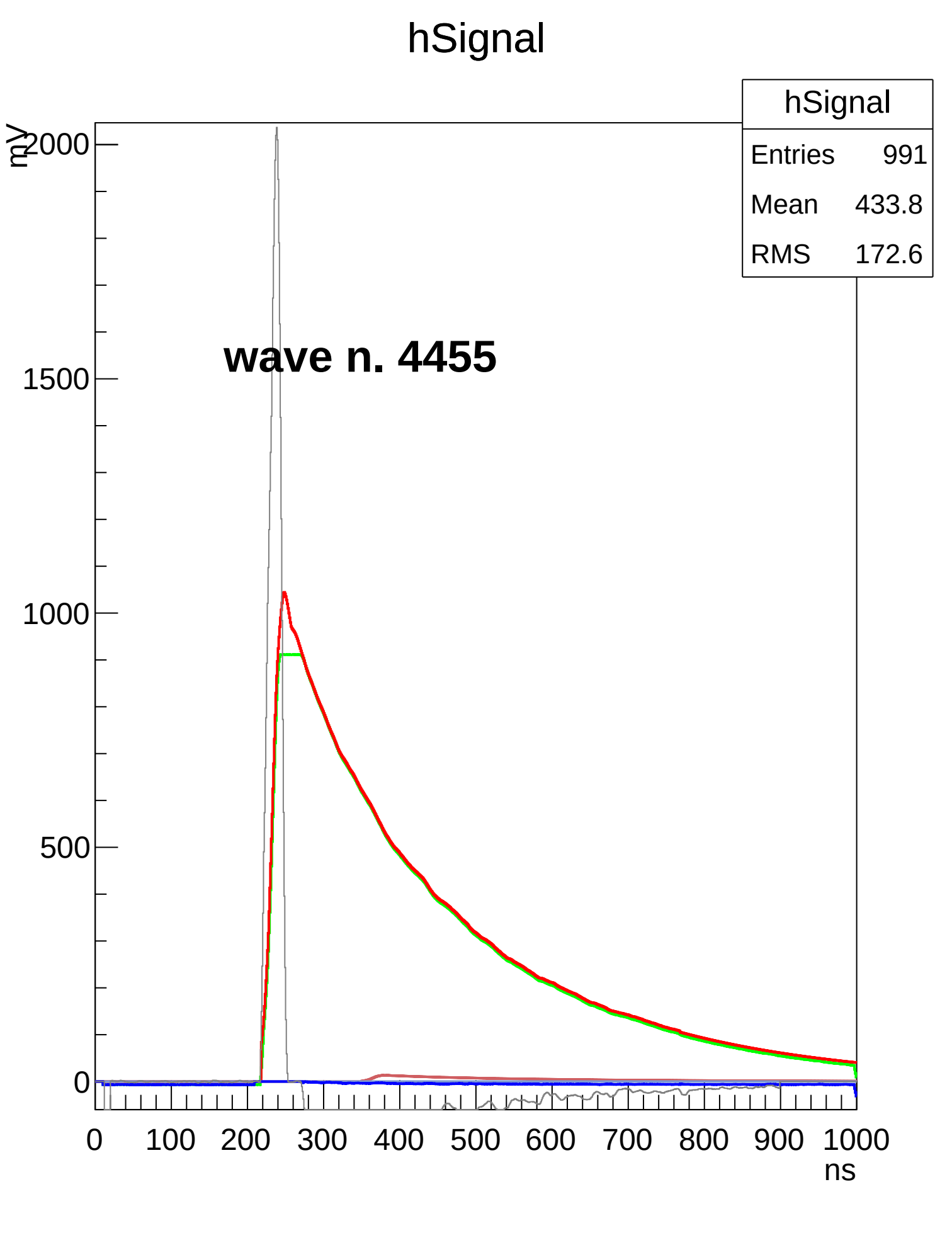
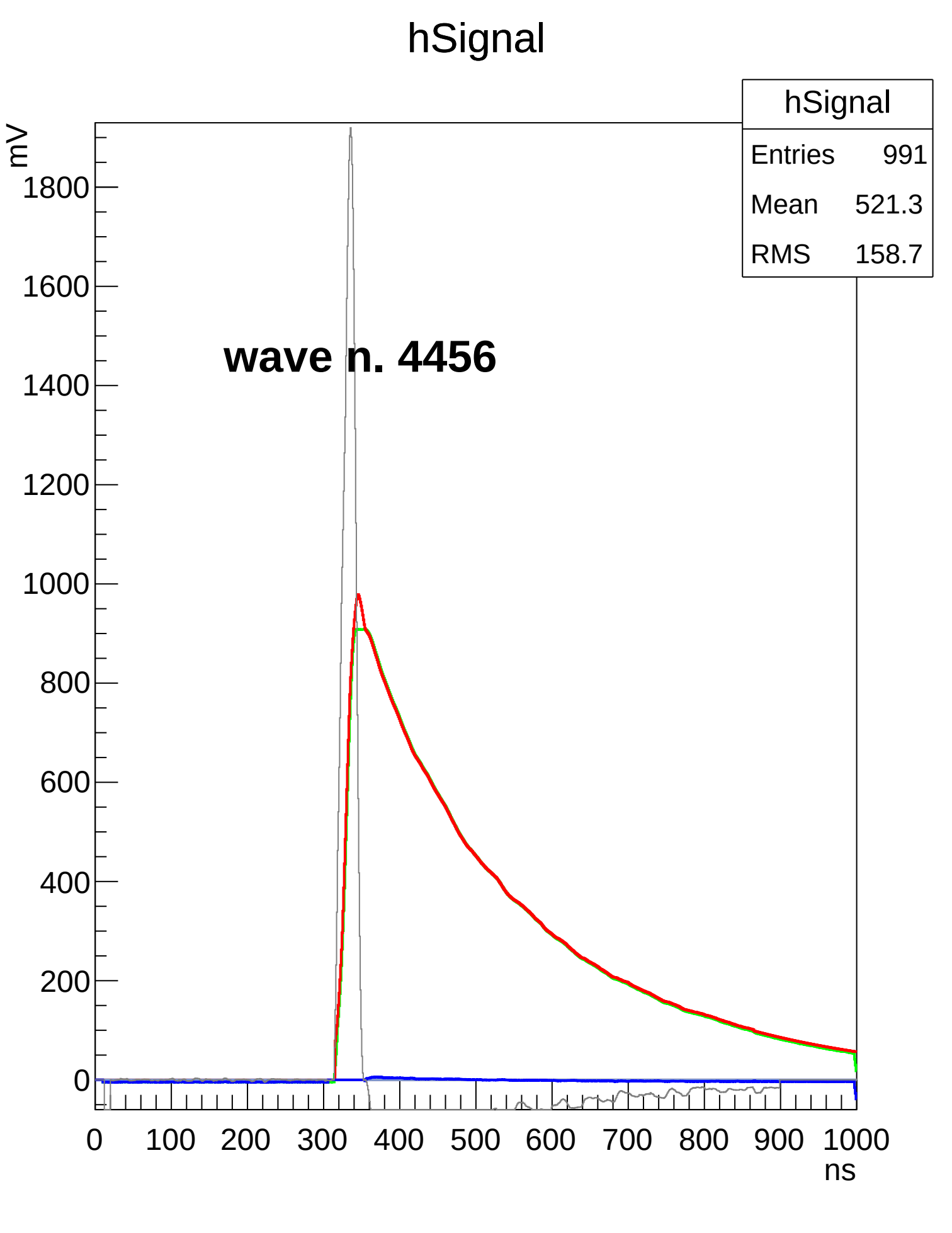
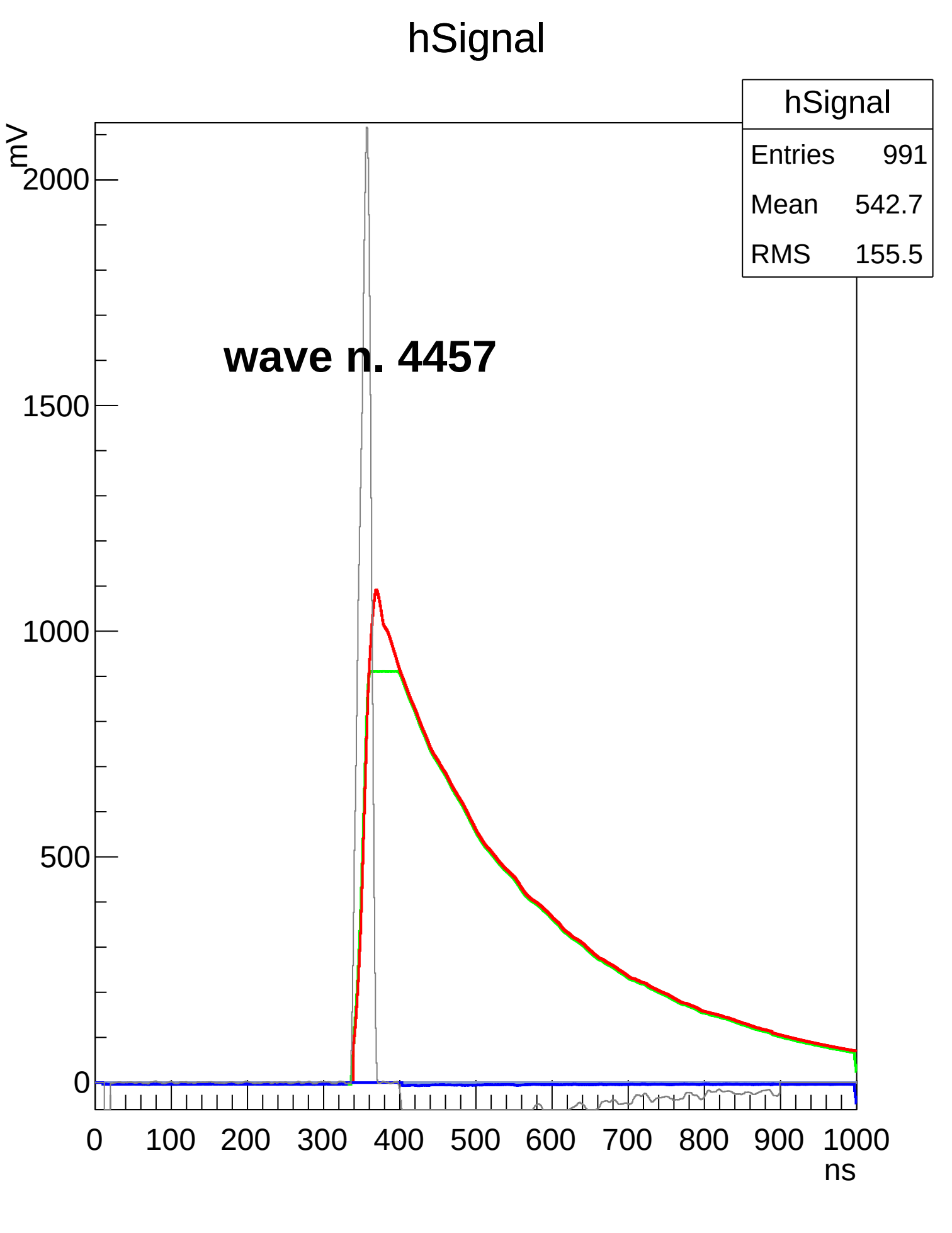
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 433.8
RMS 172.6
wave n. 4455
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521.3
RMS 158.7
wave n. 4456
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.7
RMS 155.5
wave n. 4457
mV
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1500
1000
500
0
0
100
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400
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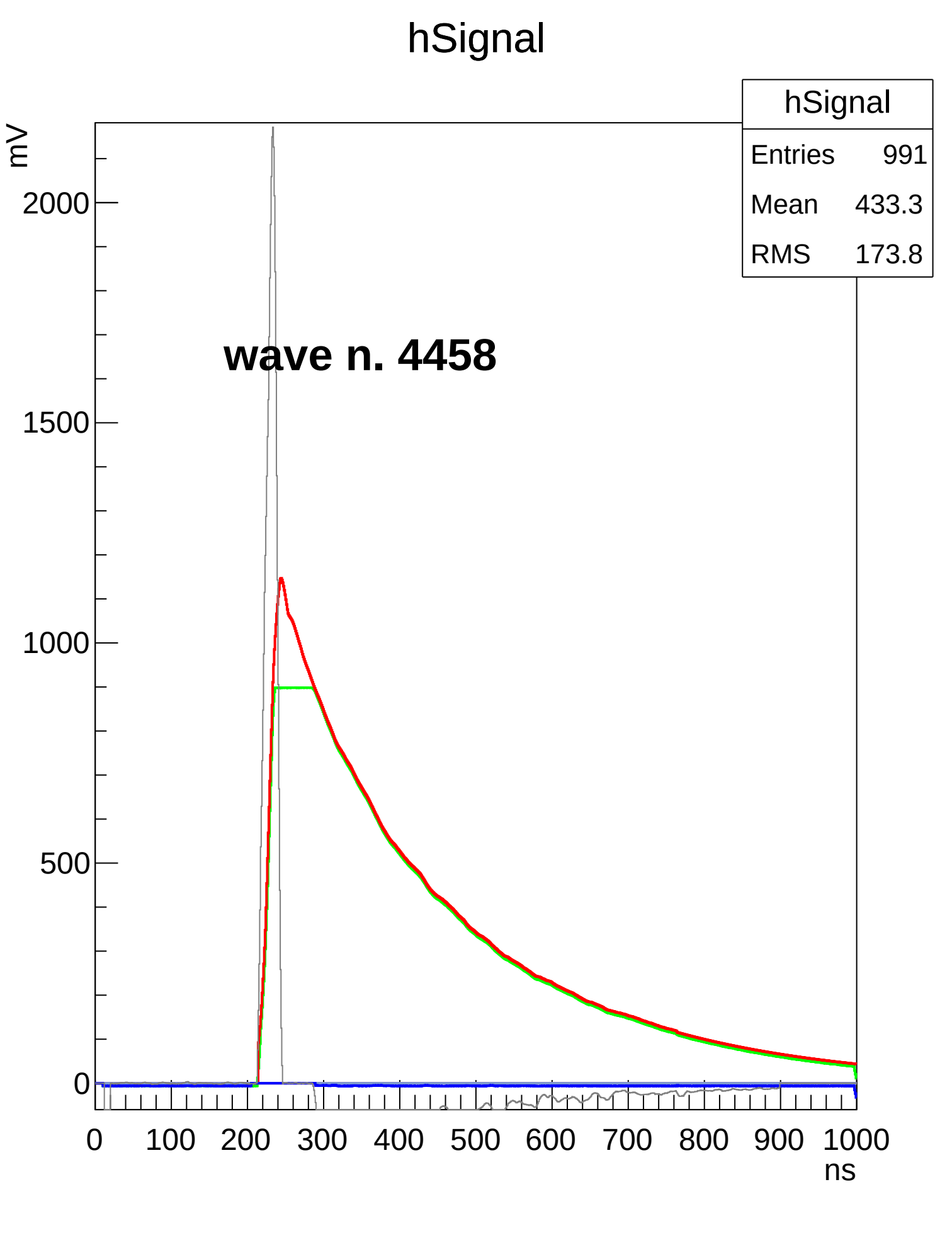
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 433.3
RMS 173.8
wave n. 4458
mV
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1500
1000
500
0
0
100
200
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400
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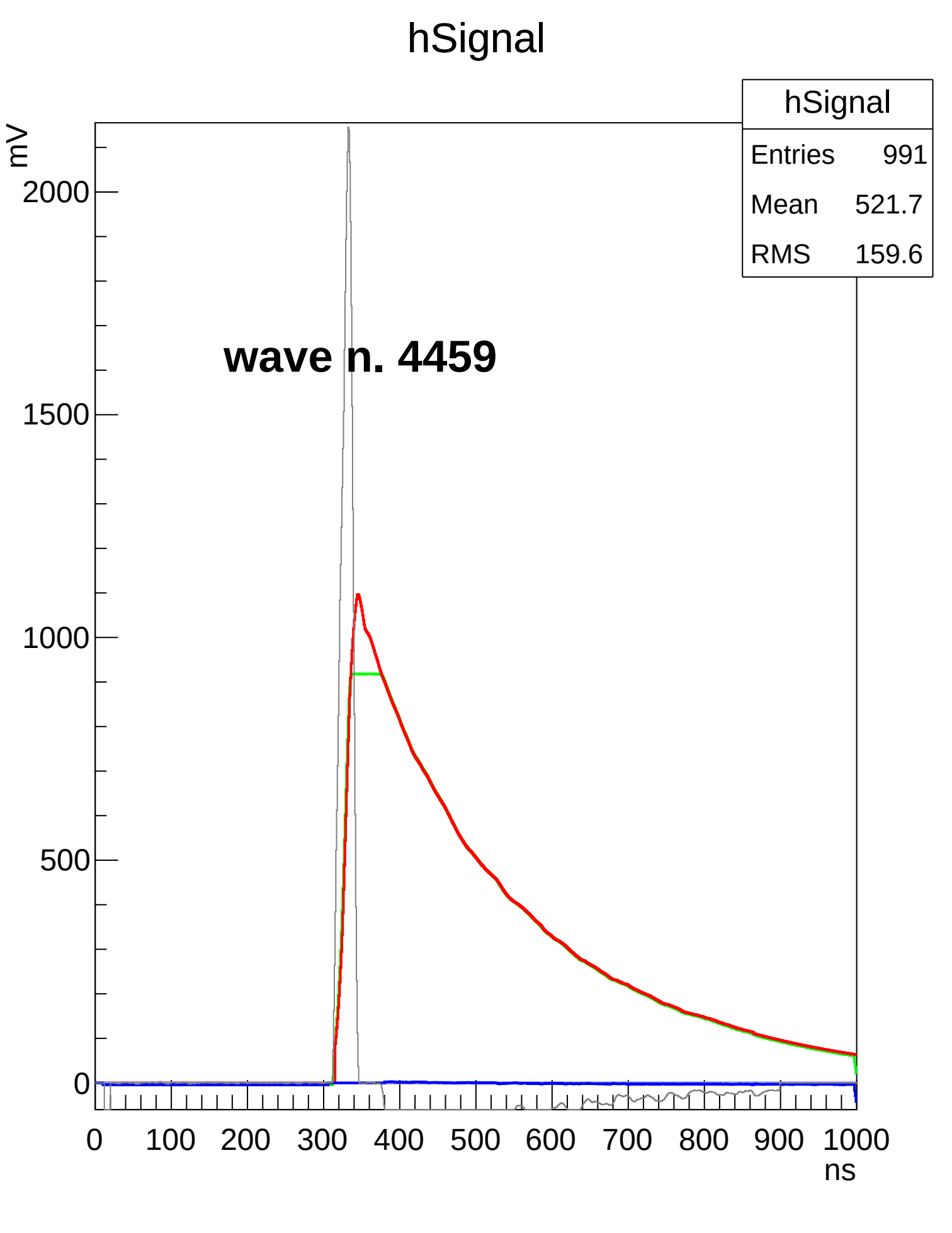
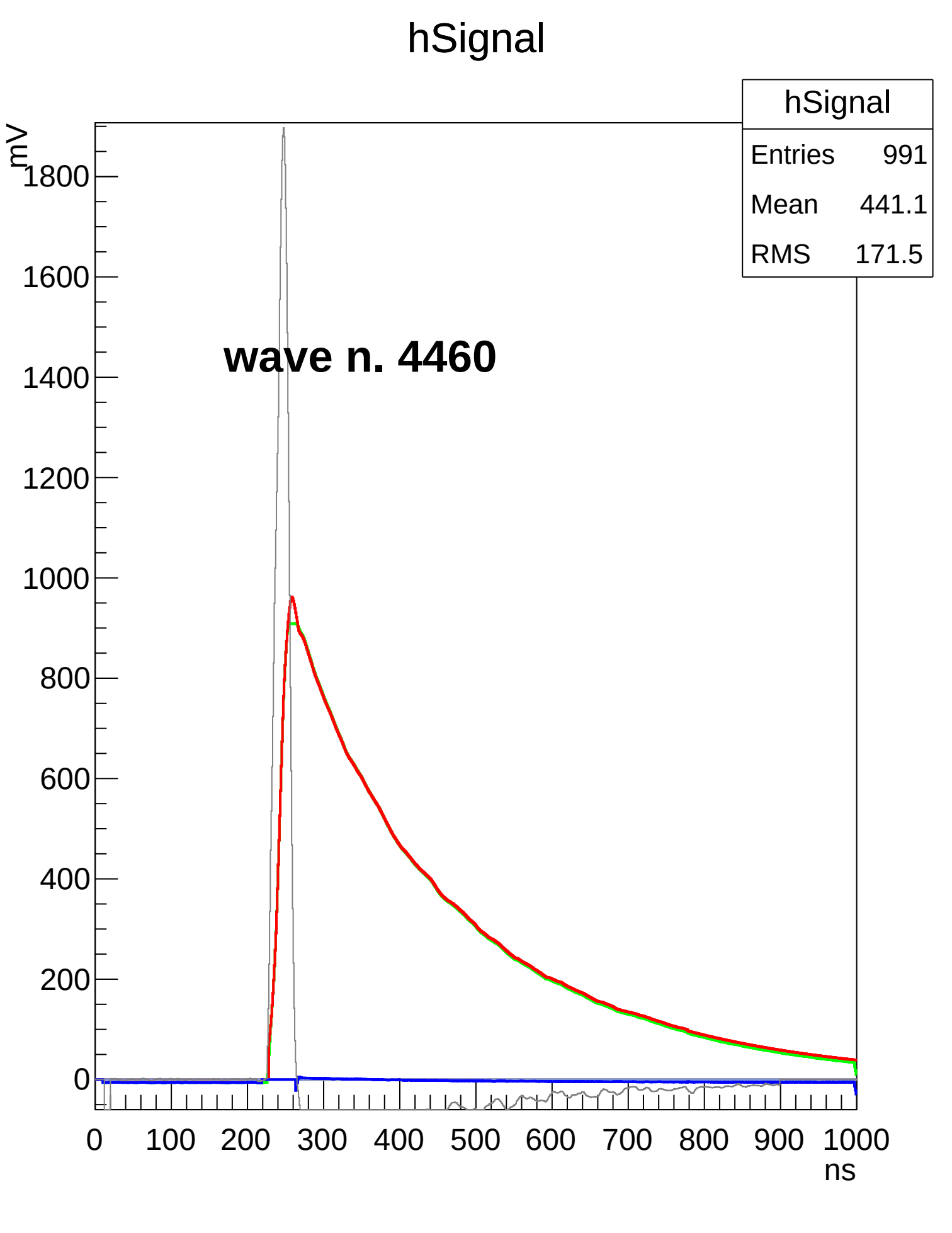
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521.7
RMS 159.6
wave n. 4459
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 441.1
RMS 171.5
wave n. 4460
mV
1800
1600
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600
400
200
0
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100
200
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400
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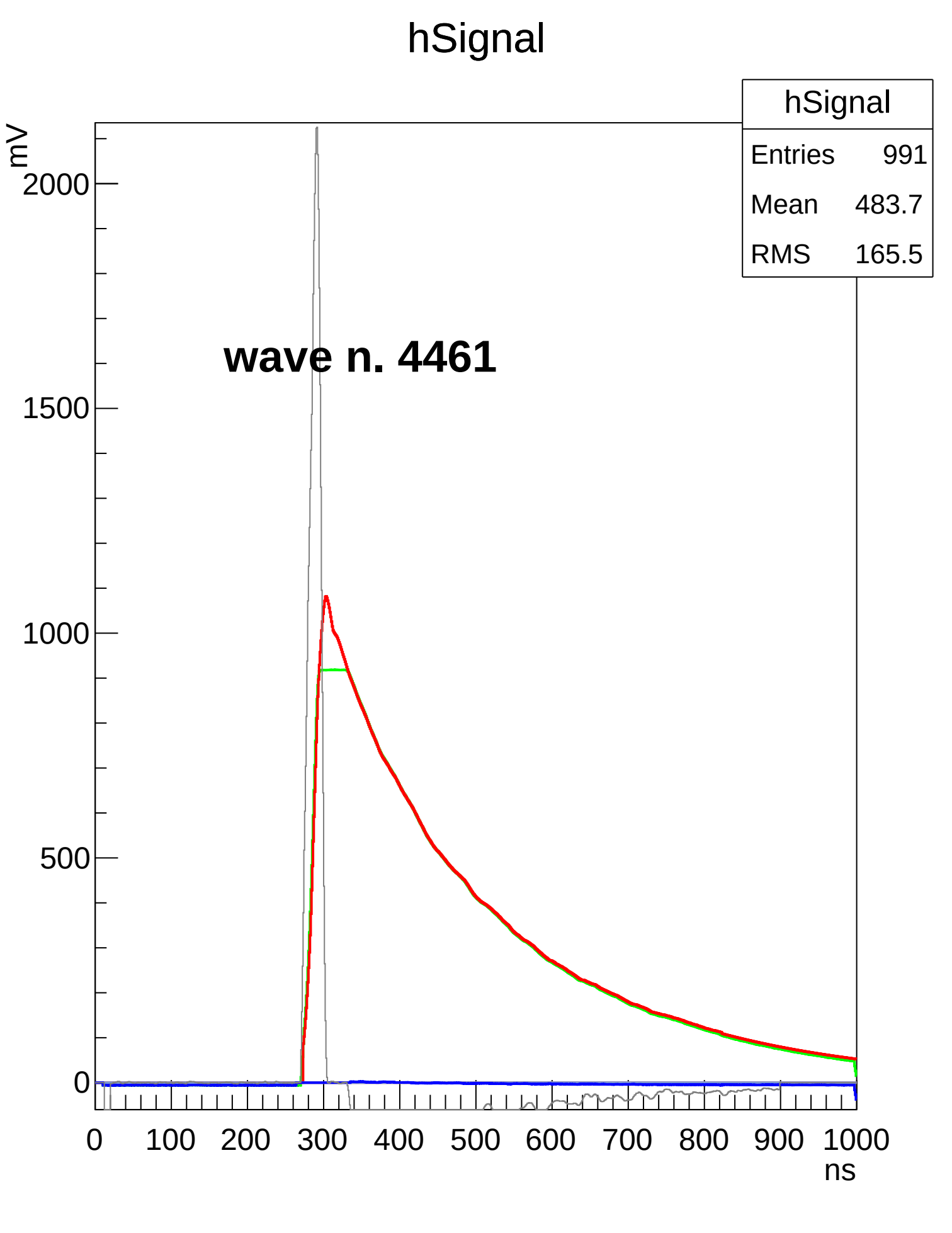
800
900
1000
ns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hSignal
Entries 991
Mean 483.7
RMS 165.5
wave n. 4461
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500
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0
100
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400
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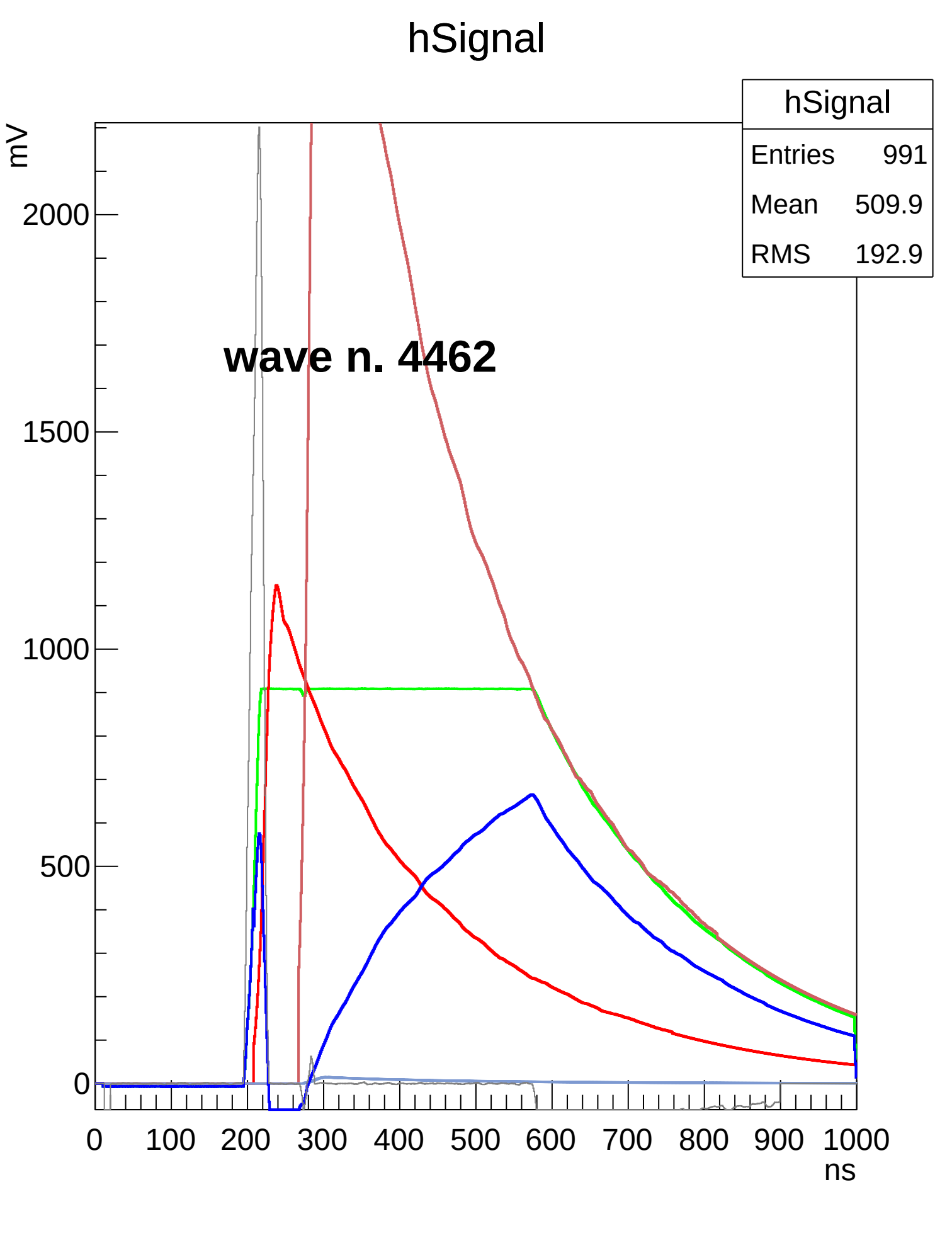
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 509.9
RMS 192.9
wave n. 4462
mV
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1500
1000
500
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0
100
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400
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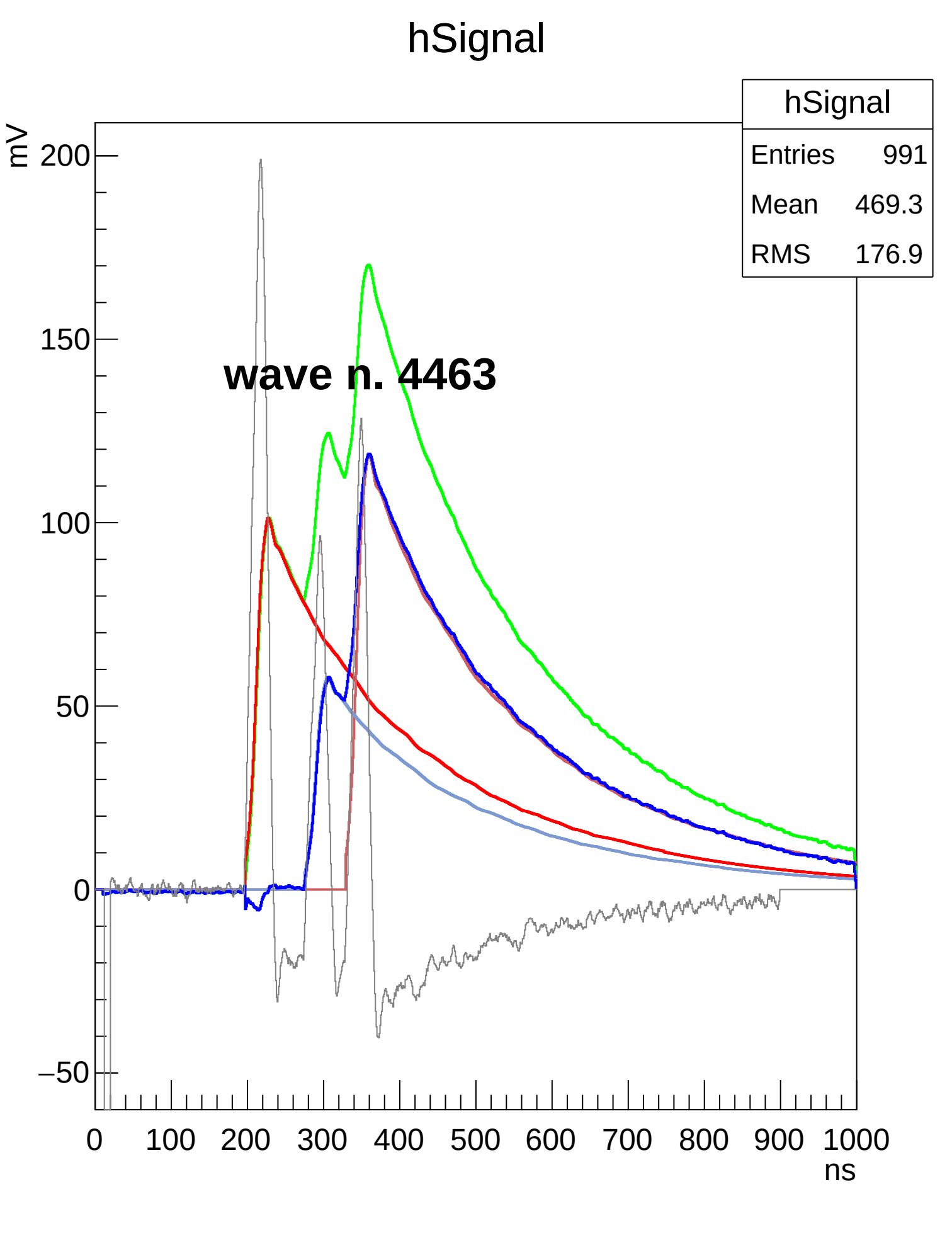
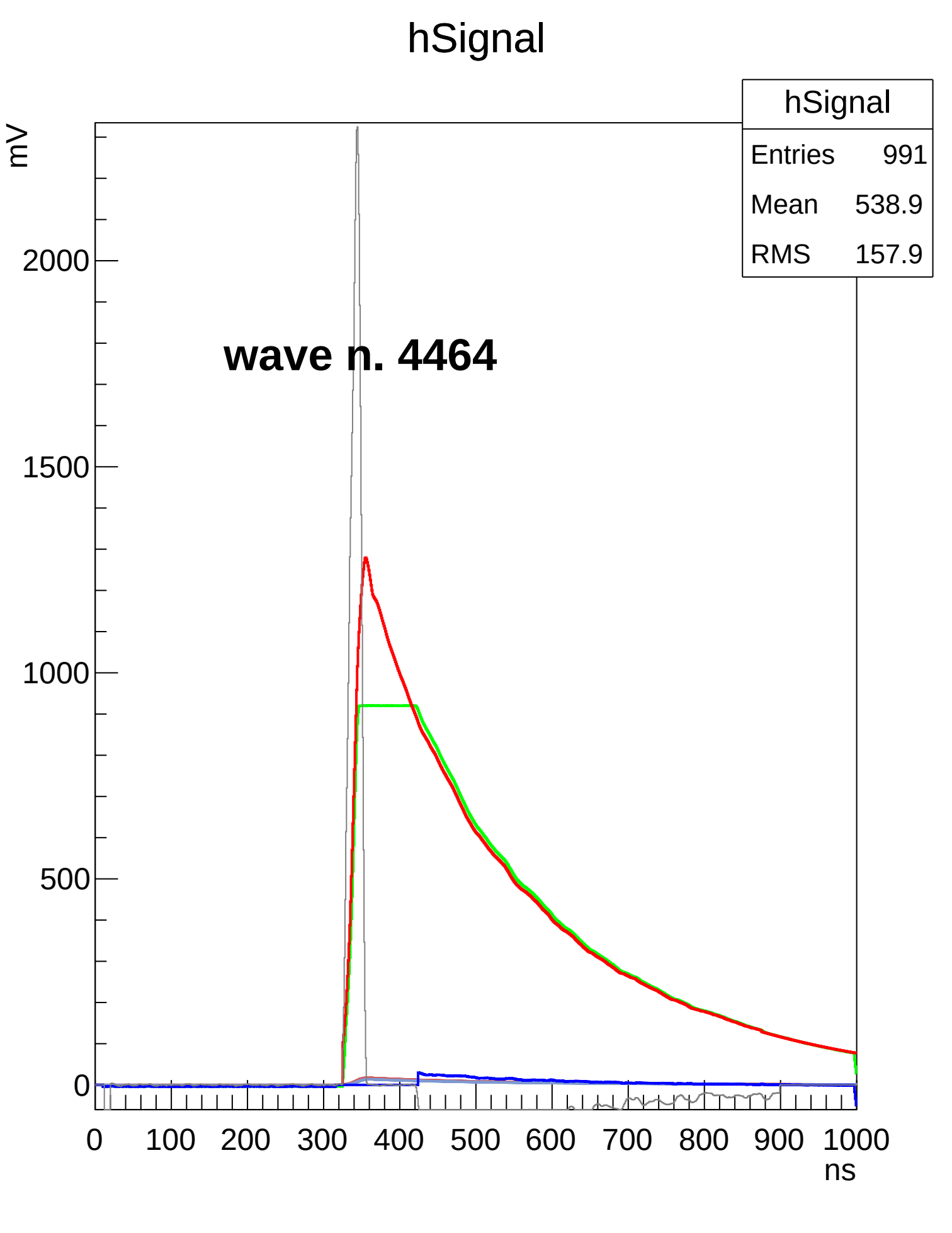
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 469.3
RMS 176.9
wave n. 4463
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 538.9
RMS 157.9
wave n. 4464
mV
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1000
500
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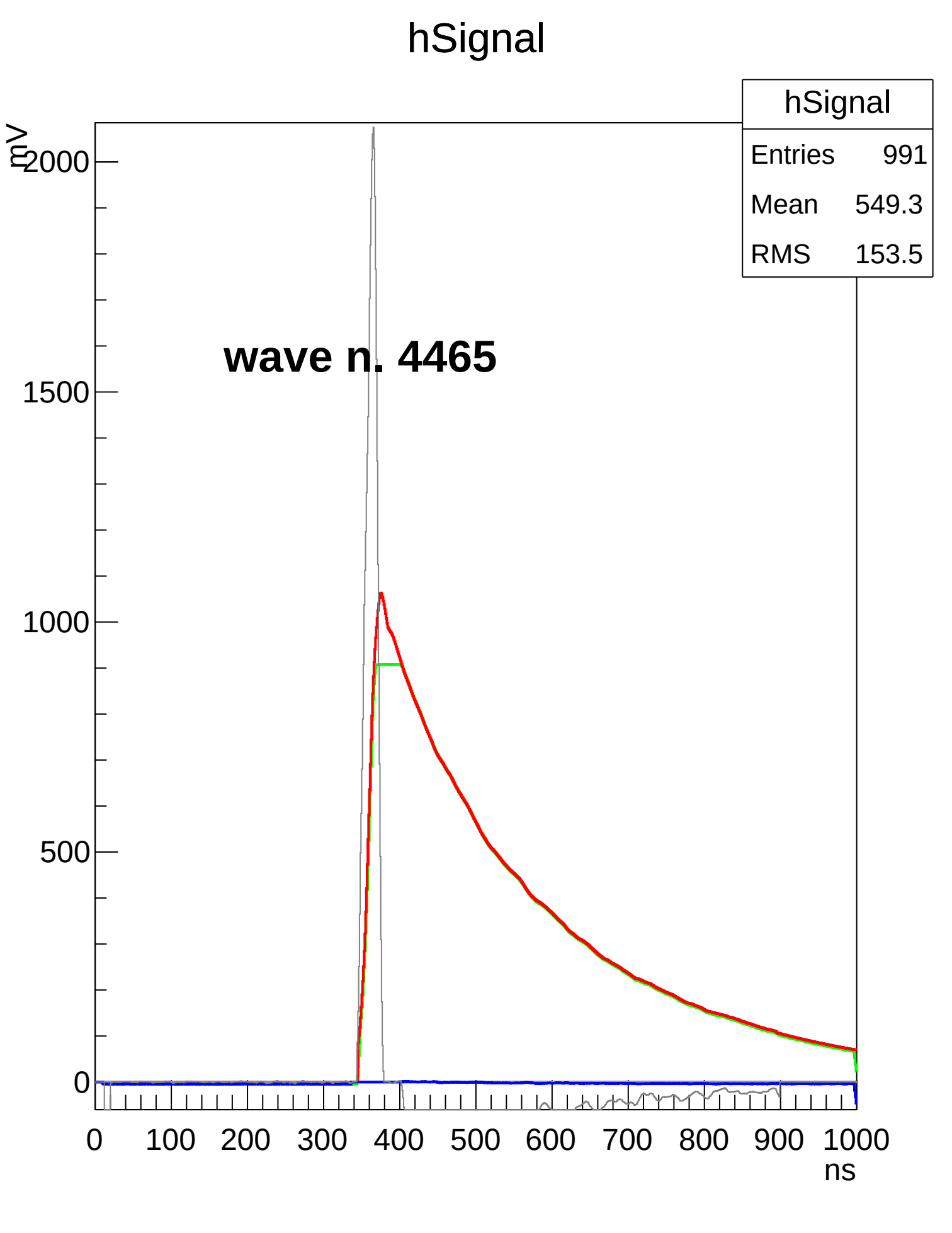
ns


hSignal
hSignal
Entries 991
Mean 549.3
RMS 153.5
wave n. 4465
mV
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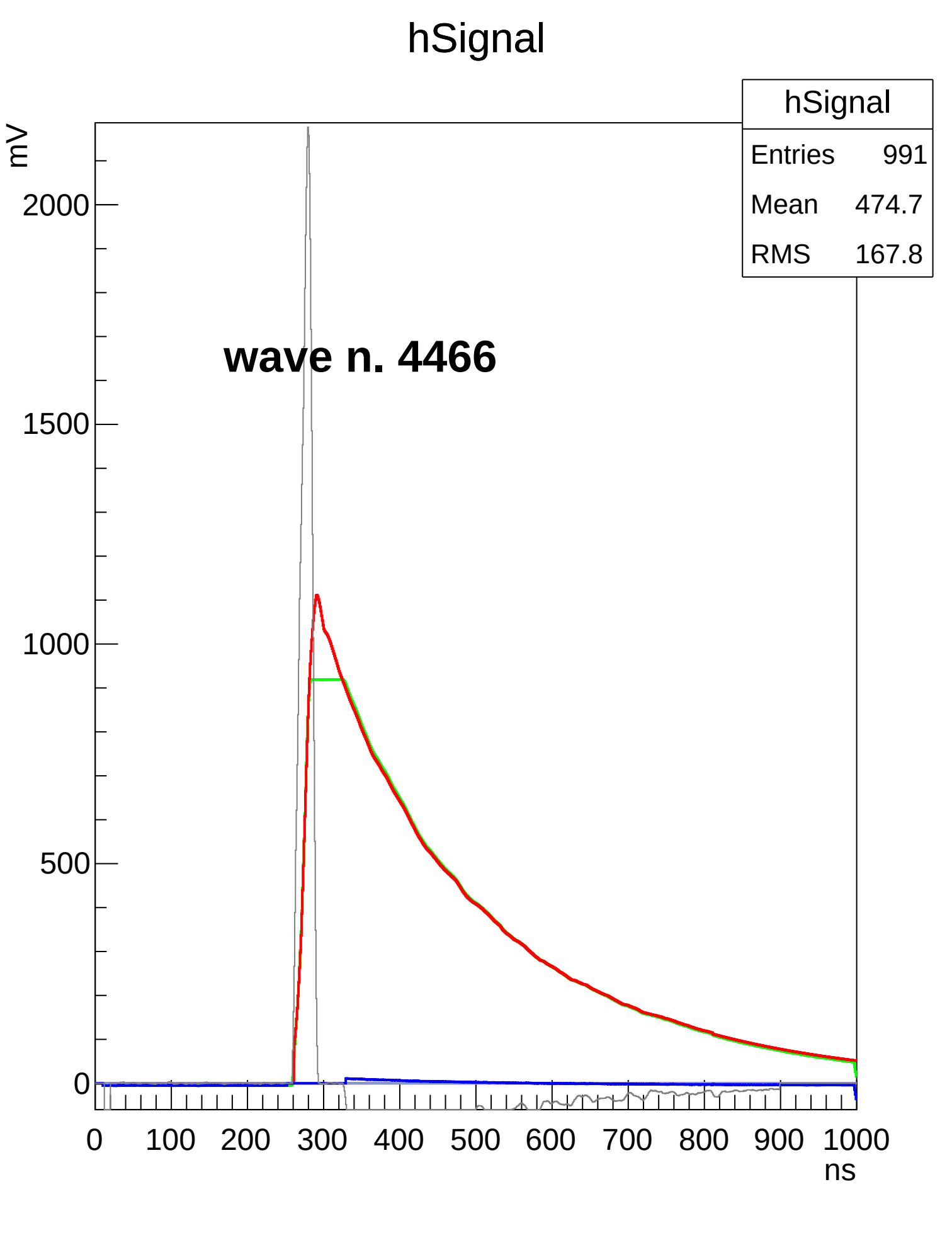
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 474.7
RMS 167.8
wave n. 4466
mV
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1500
1000
500
0
0
100
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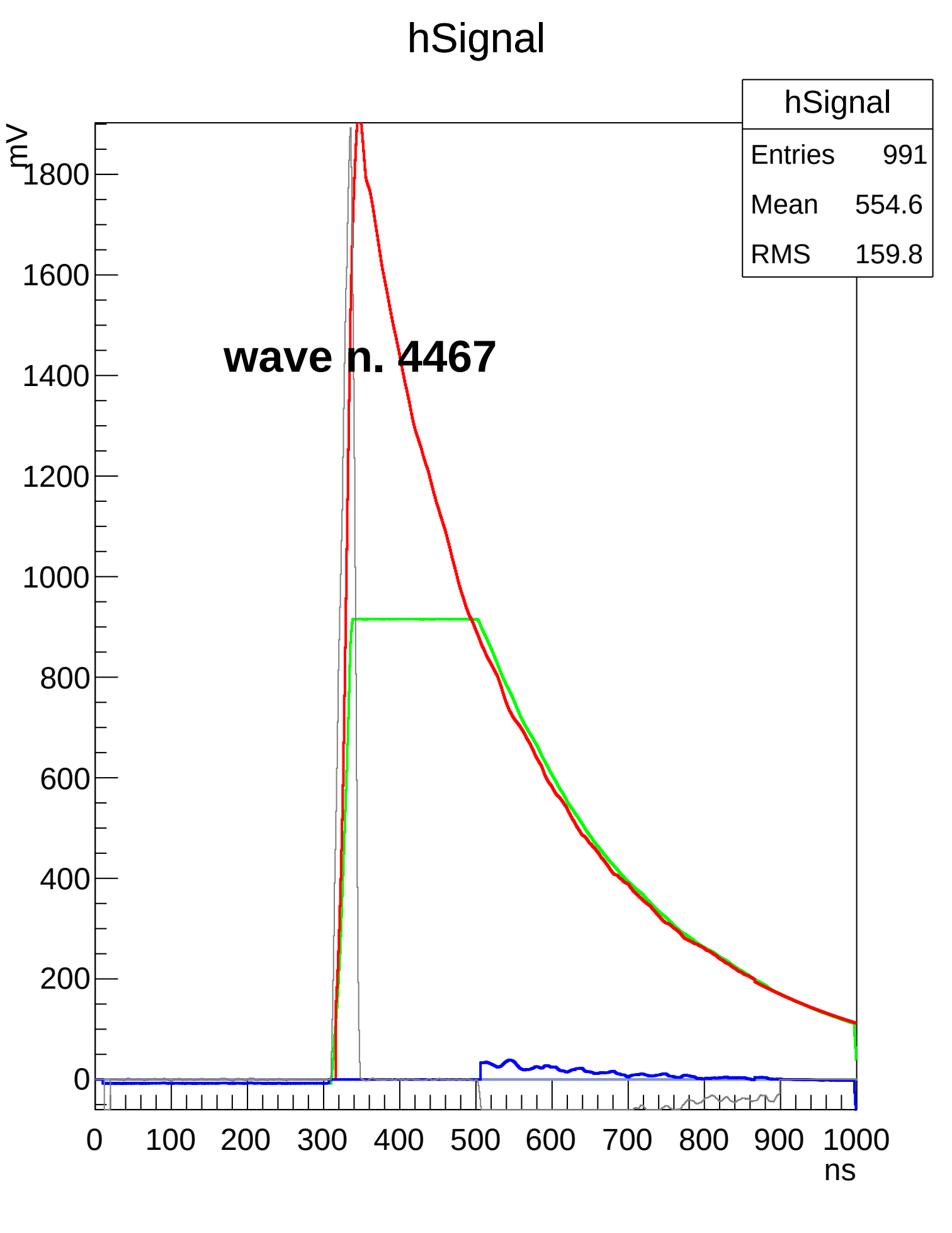
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 554.6
RMS 159.8
wave n. 4467
mV
1800
1600
1400
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1000
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600
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200
0
0
100
200
300
400
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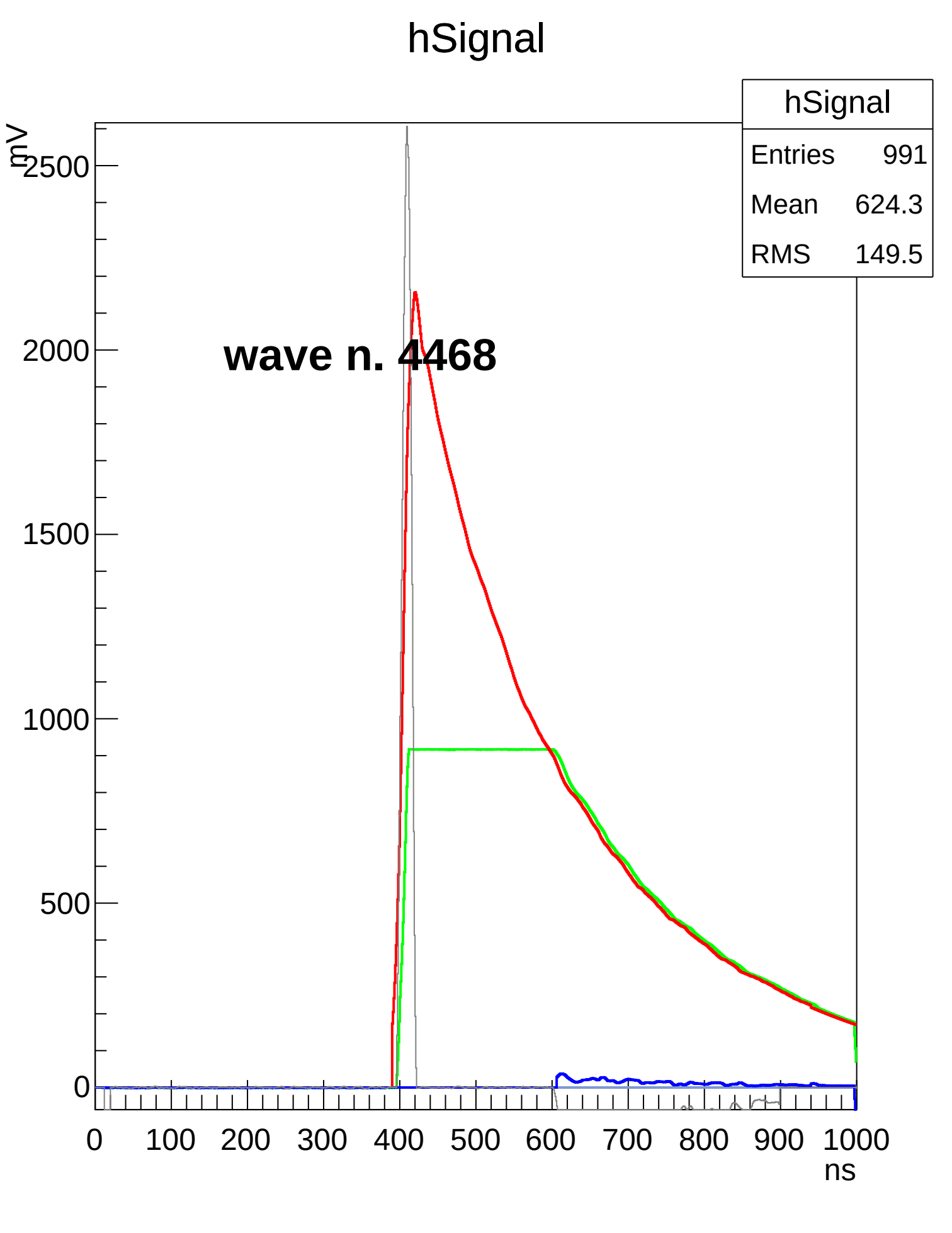
1000
ns


hSignal
hSignal
Entries 991
Mean 624.3
RMS 149.5
wave n. 4468
mV
2500
2000
1500
1000
500
0
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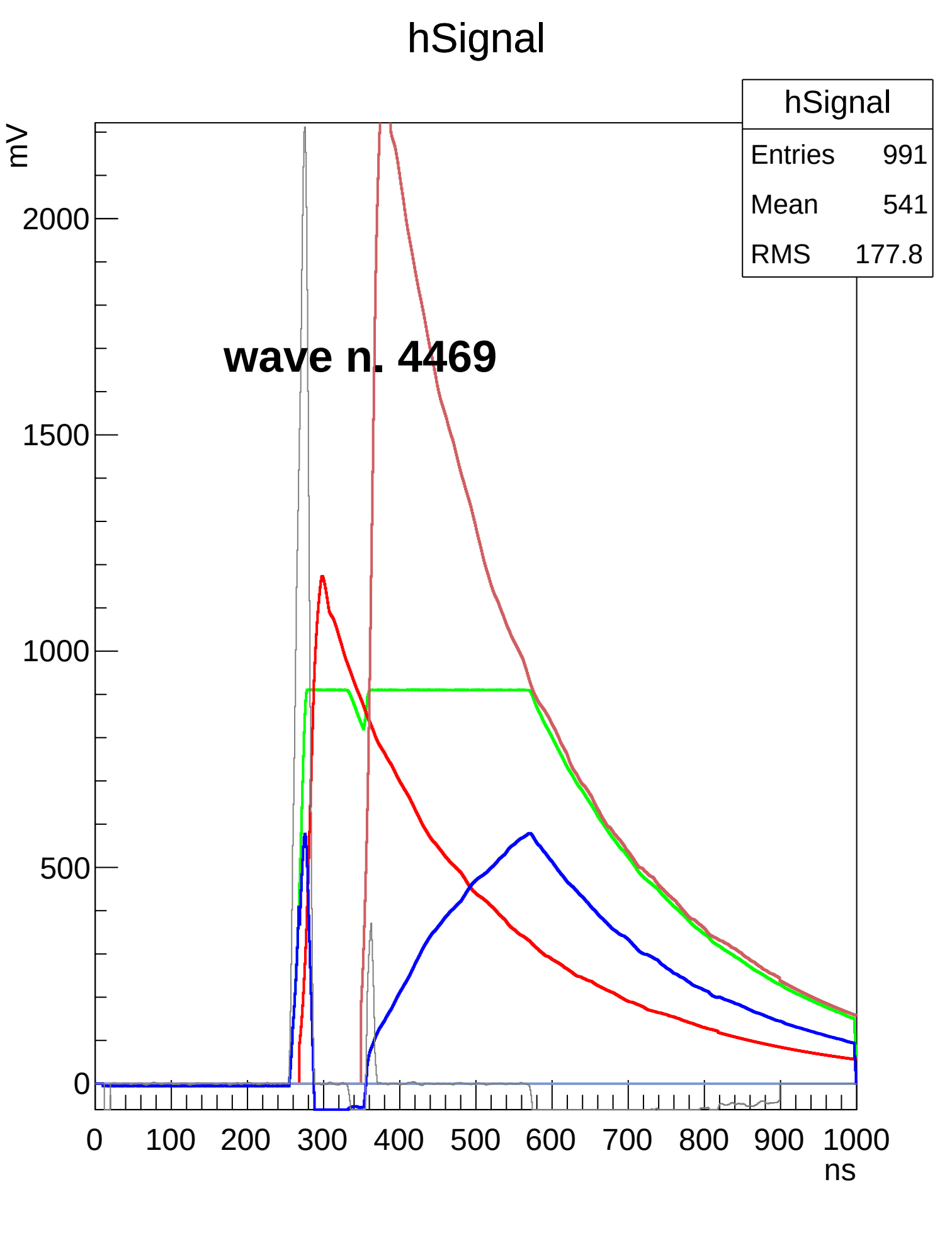
ns


hSignal
hSignal
Entries 991
Mean 541
RMS 177.8
wave n. 4469
mV
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1500
1000
500
0
0
100
200
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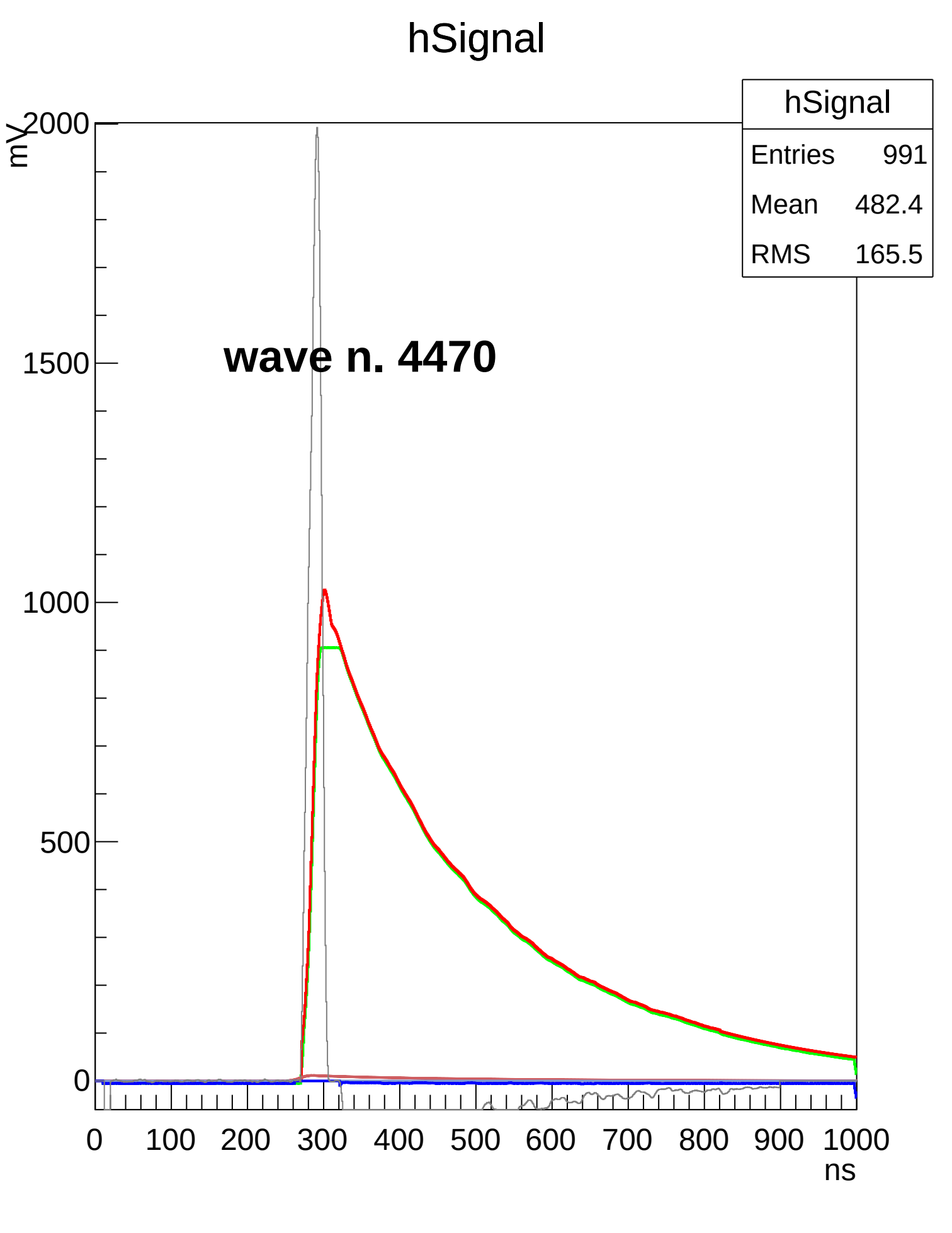
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 482.4
RMS 165.5
wave n. 4470
mV
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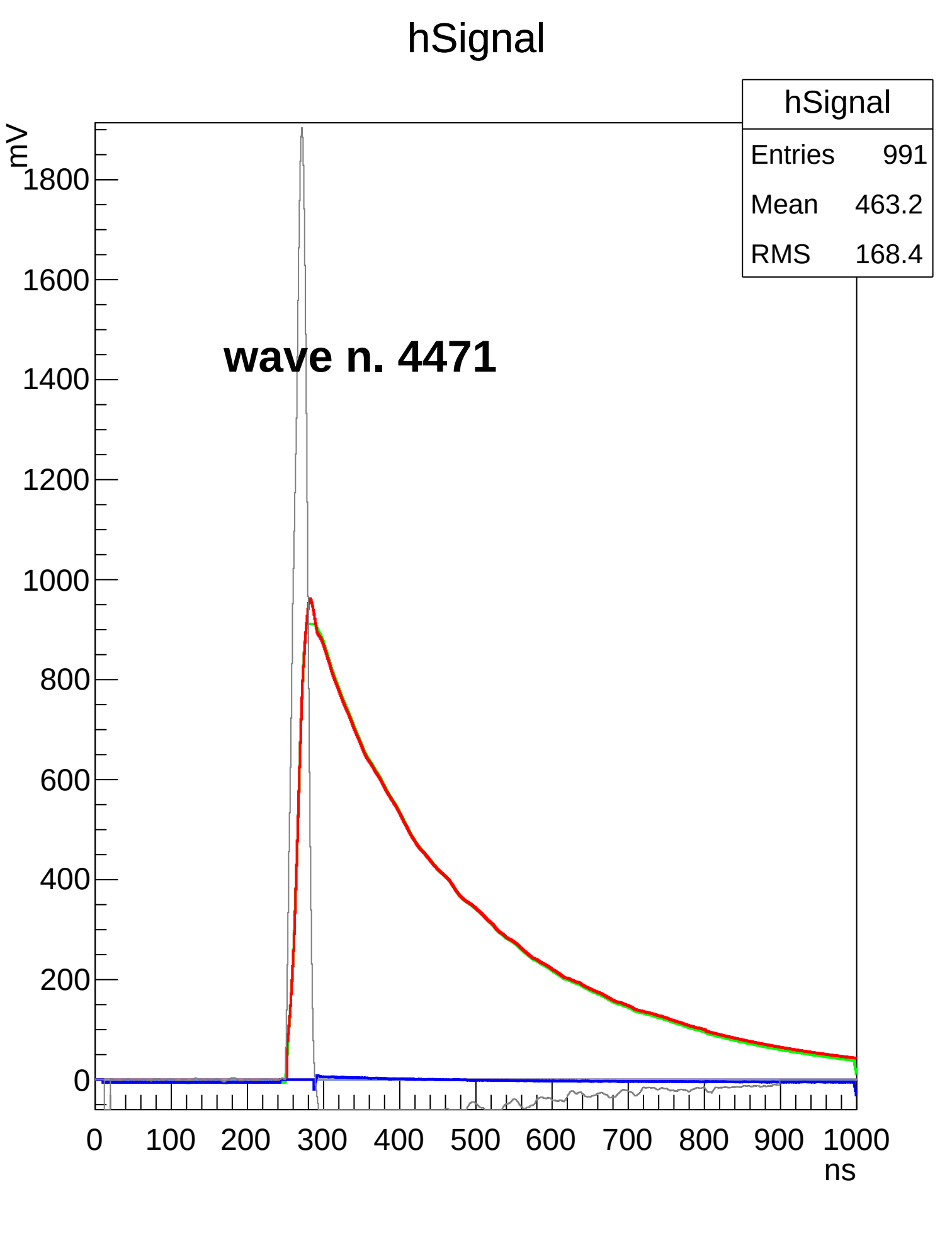
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 463.2
RMS 168.4
wave n. 4471
mV
1800
1600
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1200
1000
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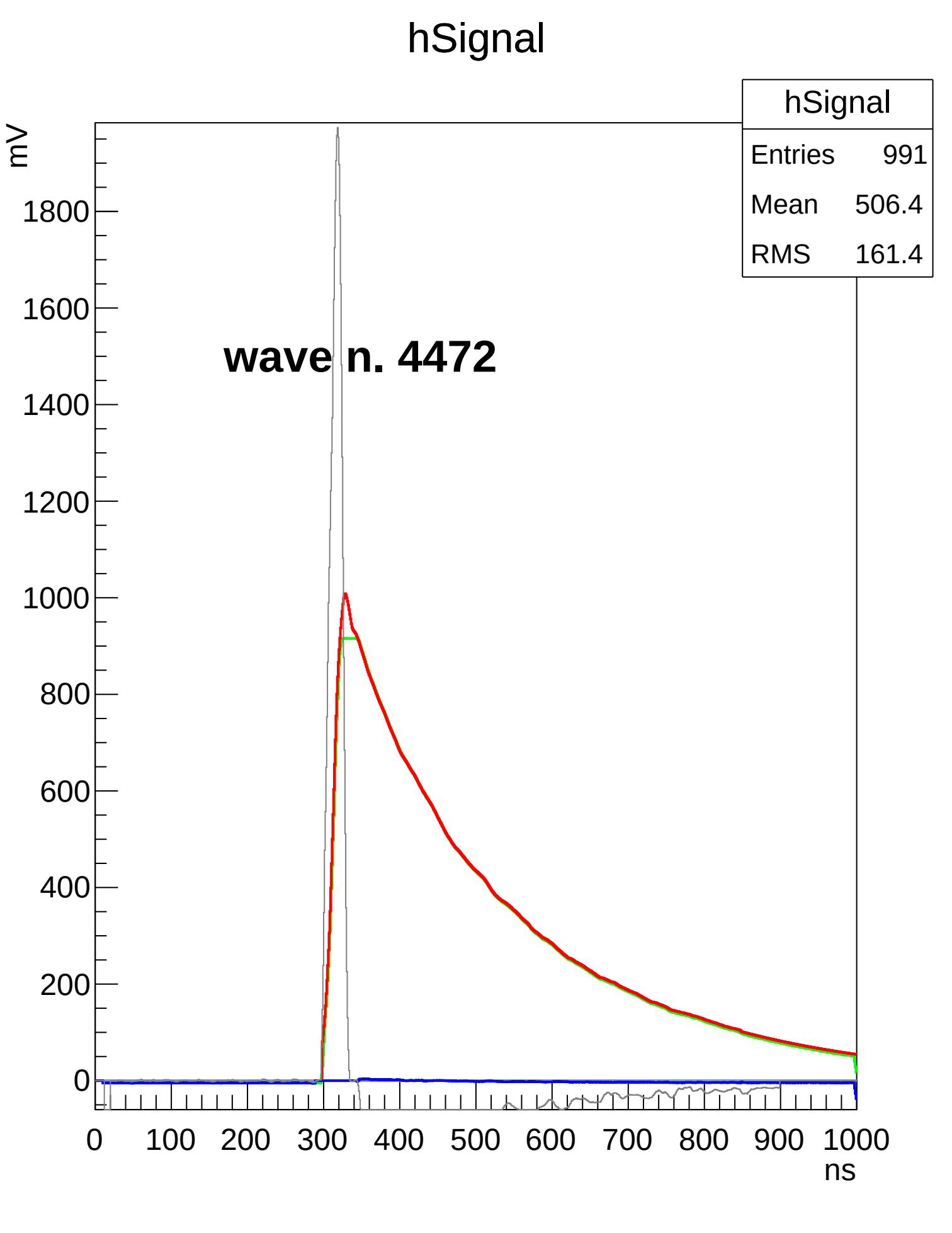
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506.4
RMS 161.4
wave n. 4472
mV
1800
1600
1400
1200
1000
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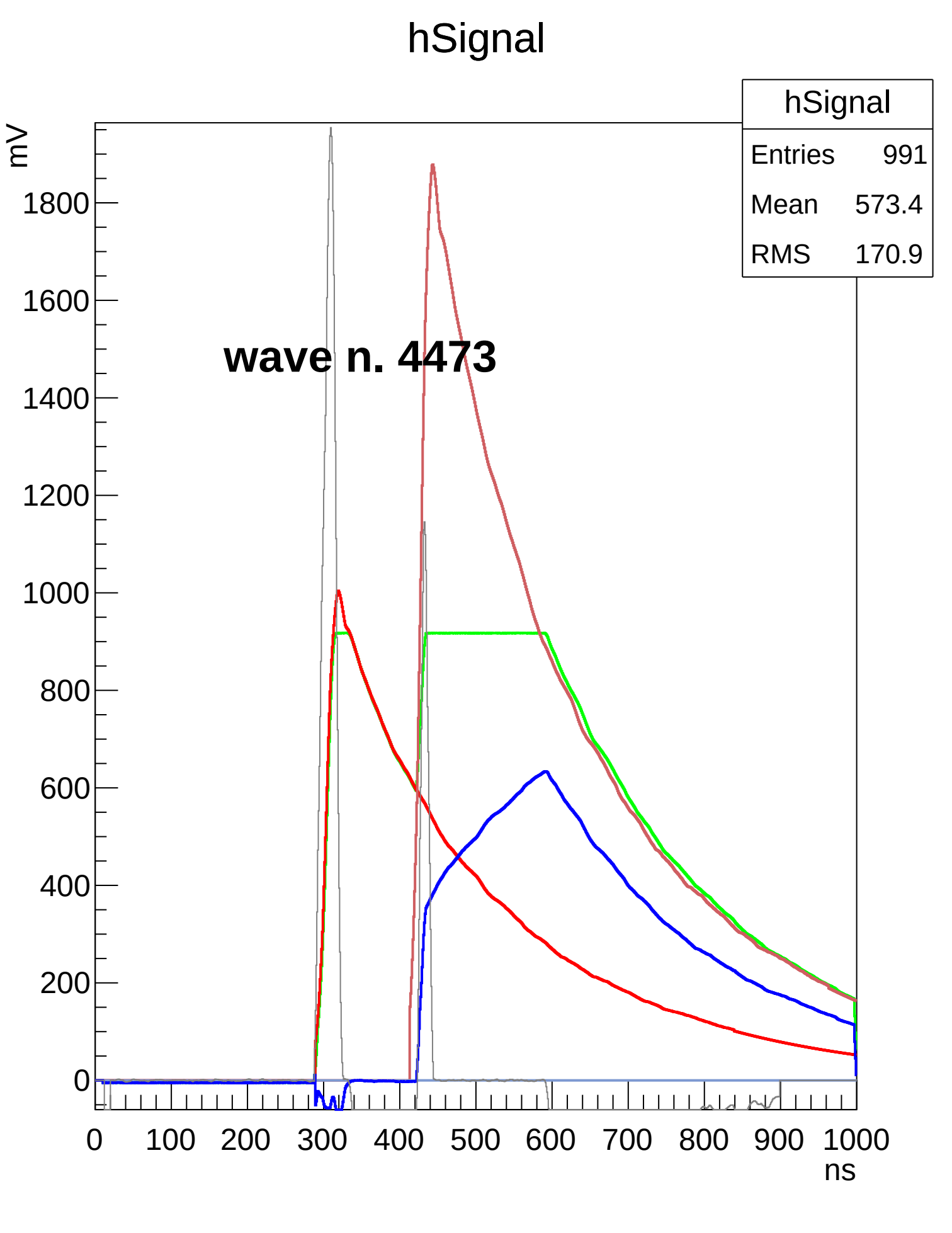
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.4
RMS 170.9
wave n. 4473
mV
1800
1600
1400
1200
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600
400
200
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0
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200
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400
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600
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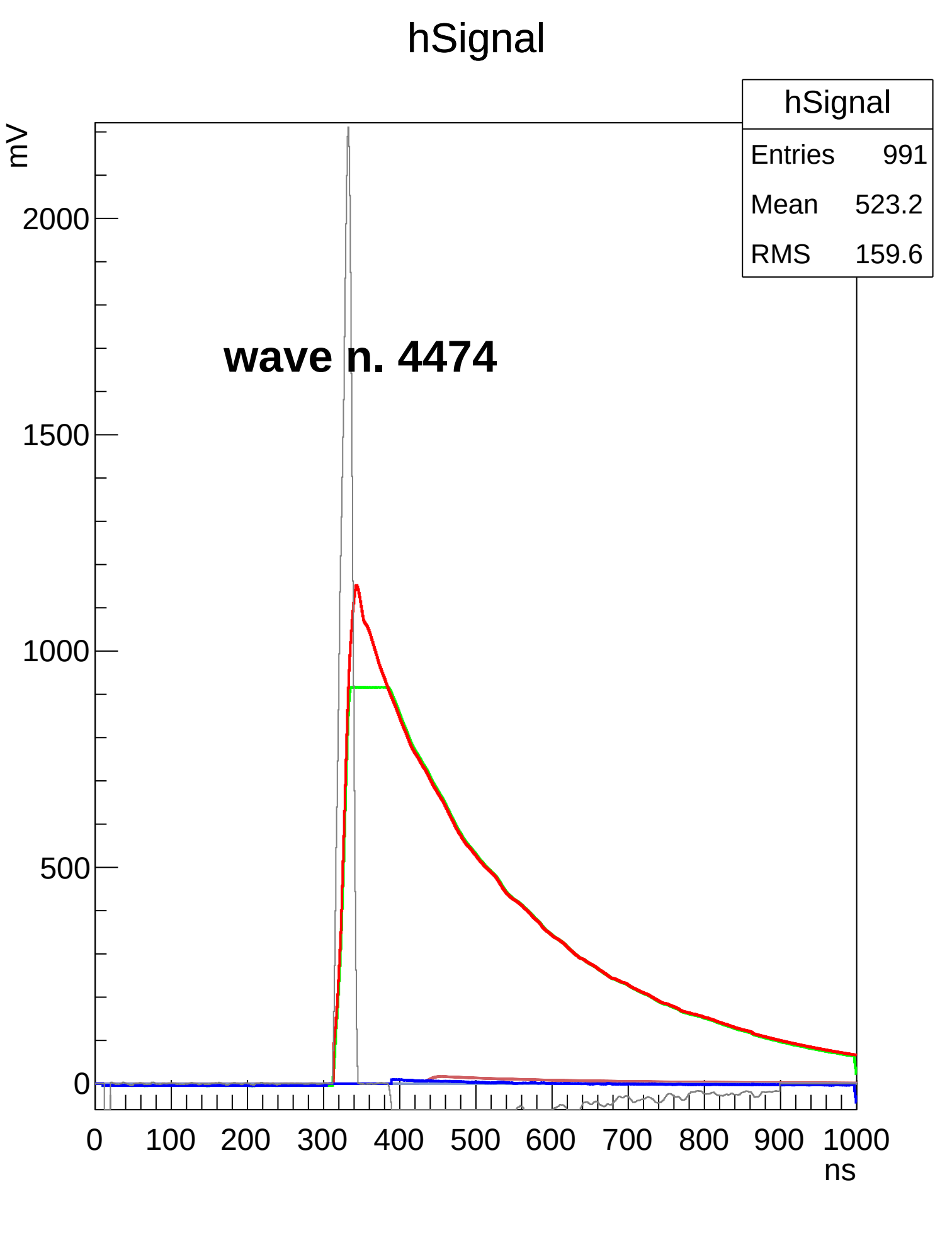
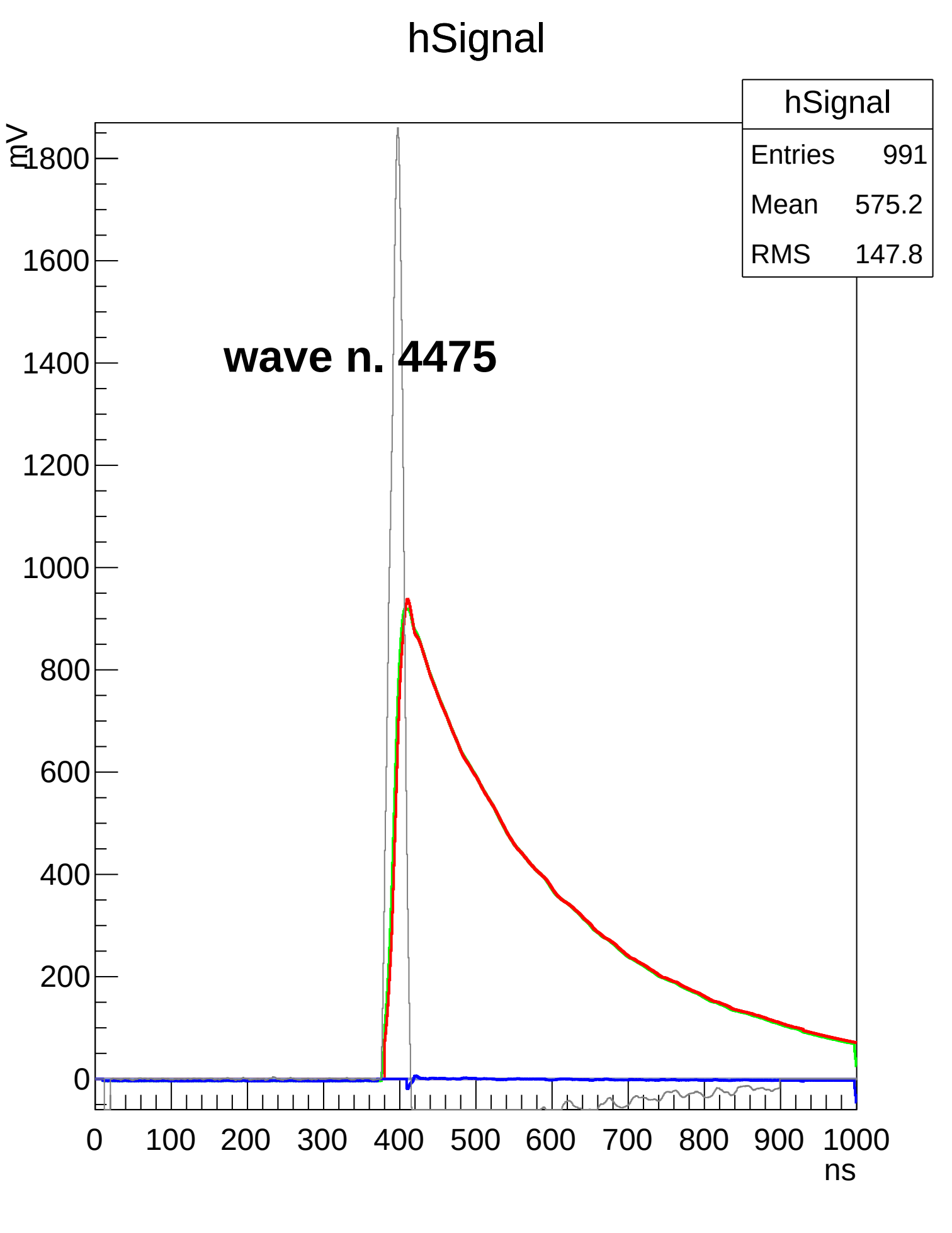
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 523.2
RMS 159.6
wave n. 4474
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 575.2
RMS 147.8
wave n. 4475
mV
1800
1600
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600
400
200
0
0
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400
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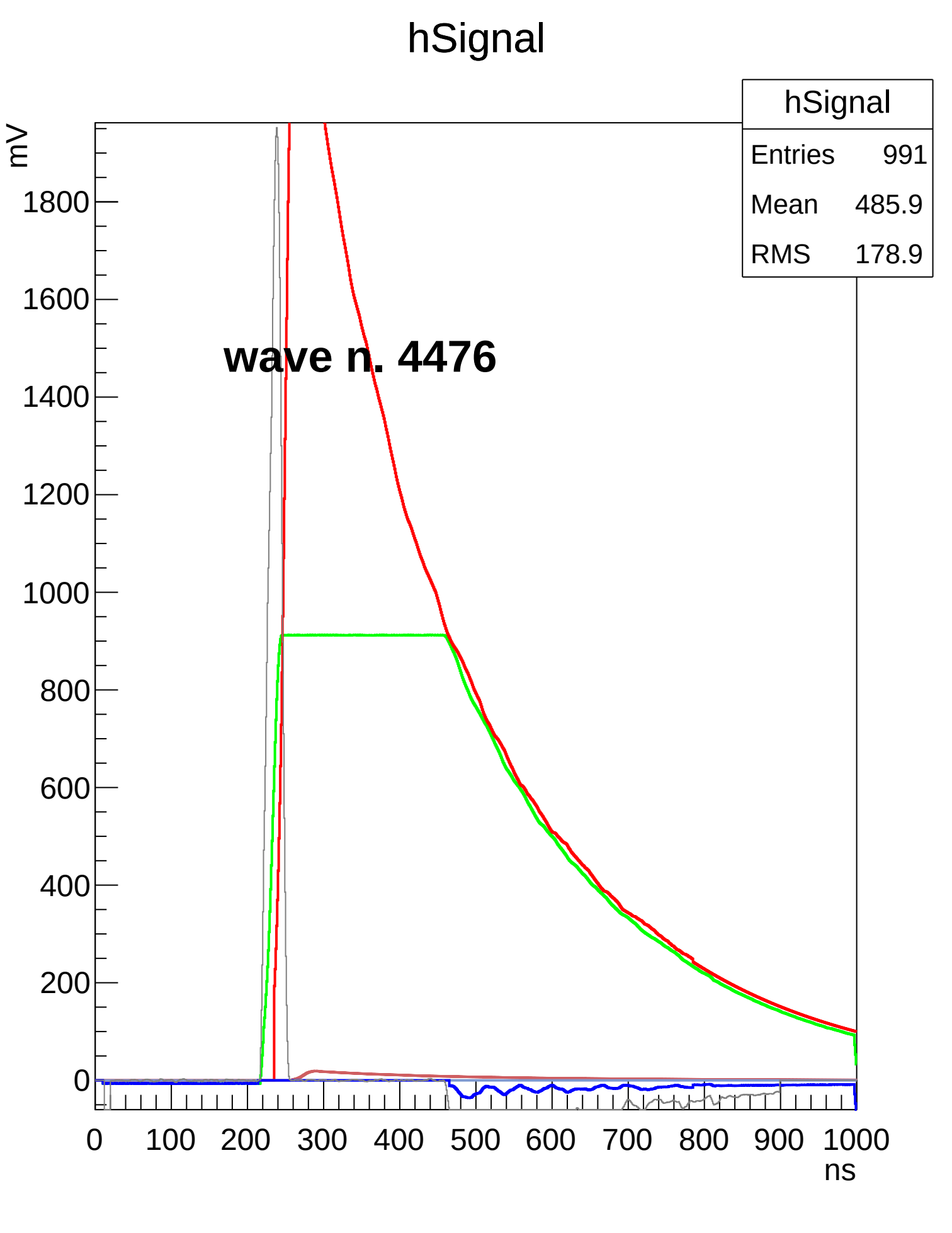
800
900
1000
ns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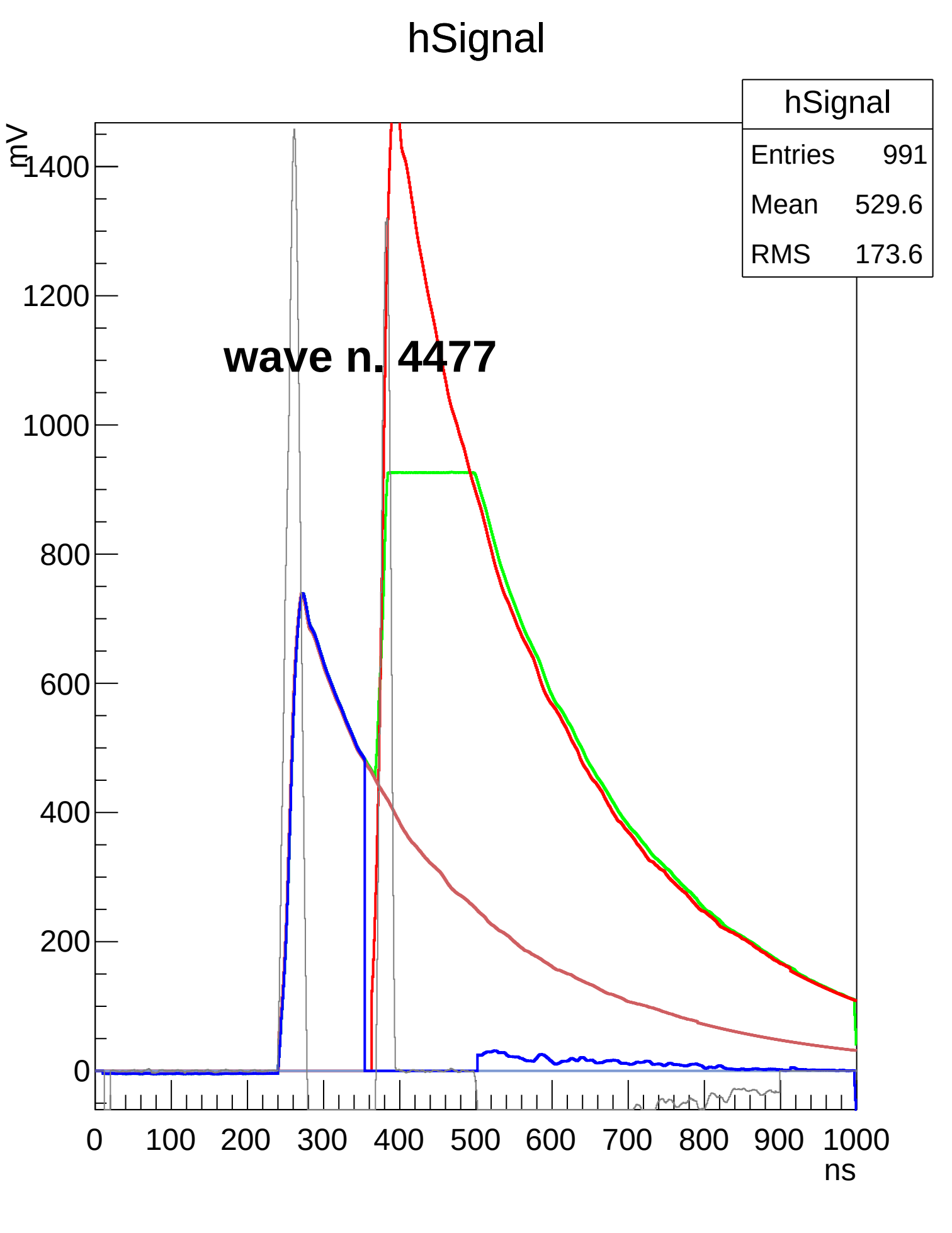
hSignal
Entries 991
Mean 485.9
RMS 178.9
wave n. 4476
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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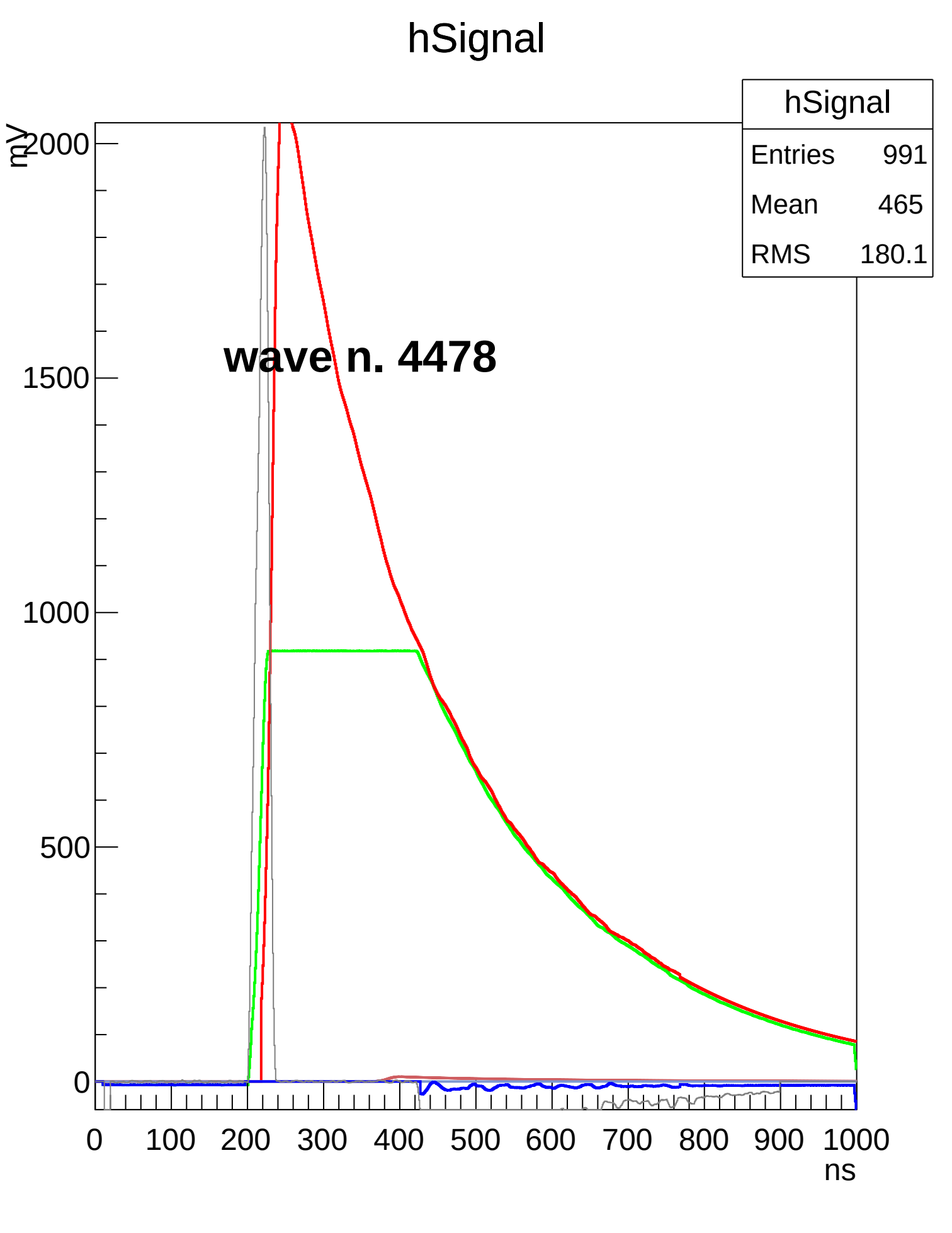
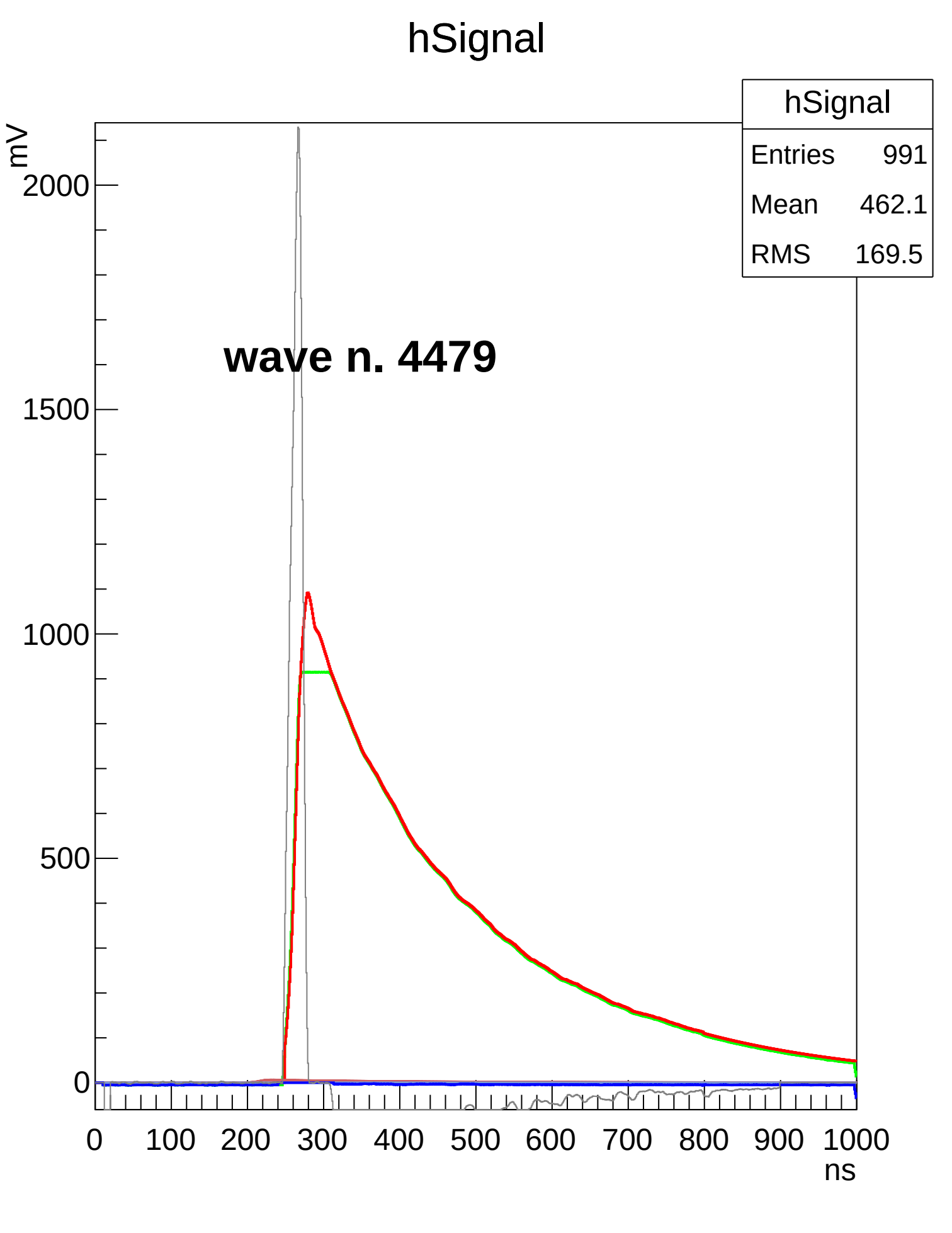
hSignal
Entries 991
Mean 529.6
RMS 173.6
wave n. 4477
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 465
RMS 180.1
wave n. 4478
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 462.1
RMS 169.5
wave n. 4479
mV
2000
1500
1000
500
0
0
100
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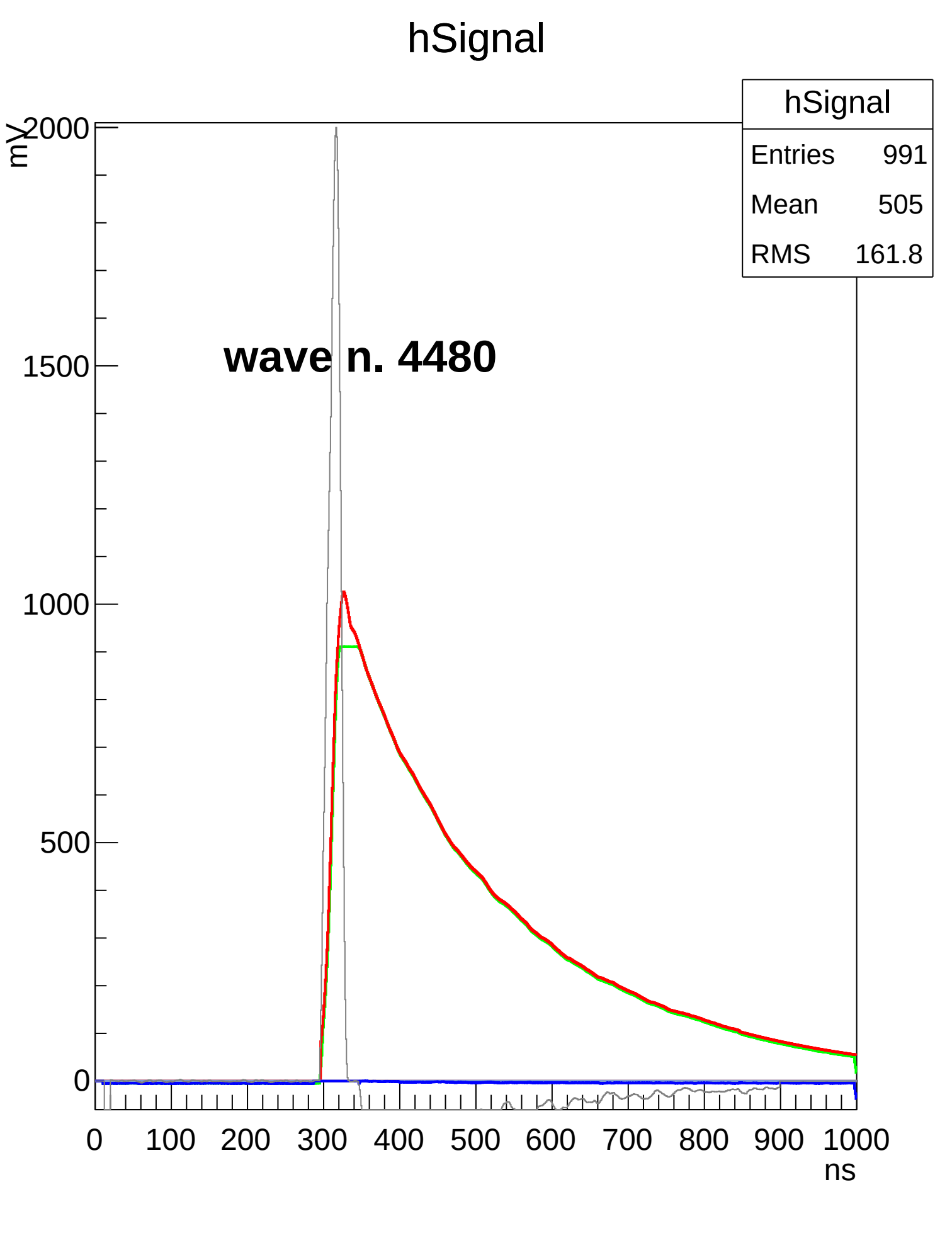
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505
RMS 161.8
wave n. 4480
mV
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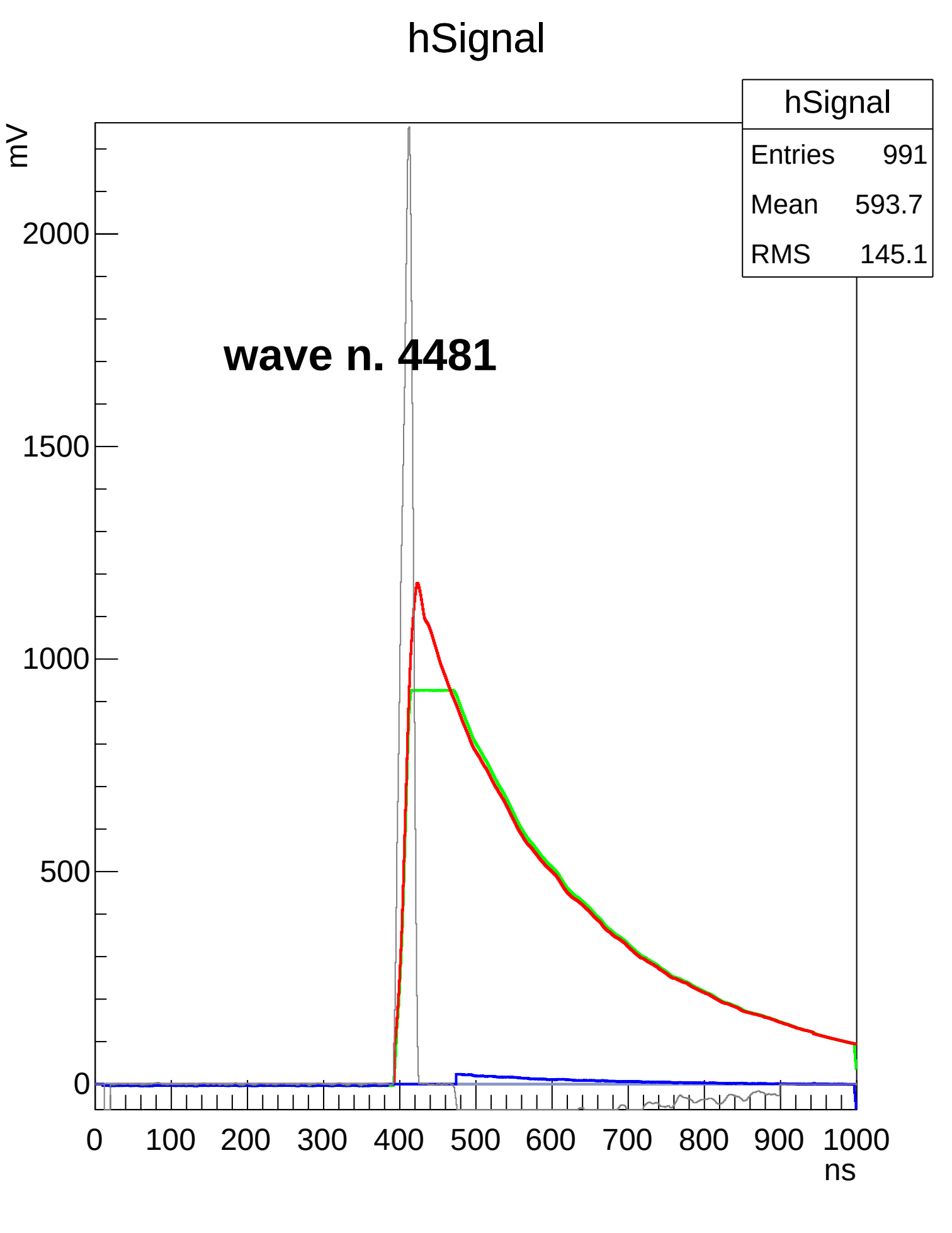
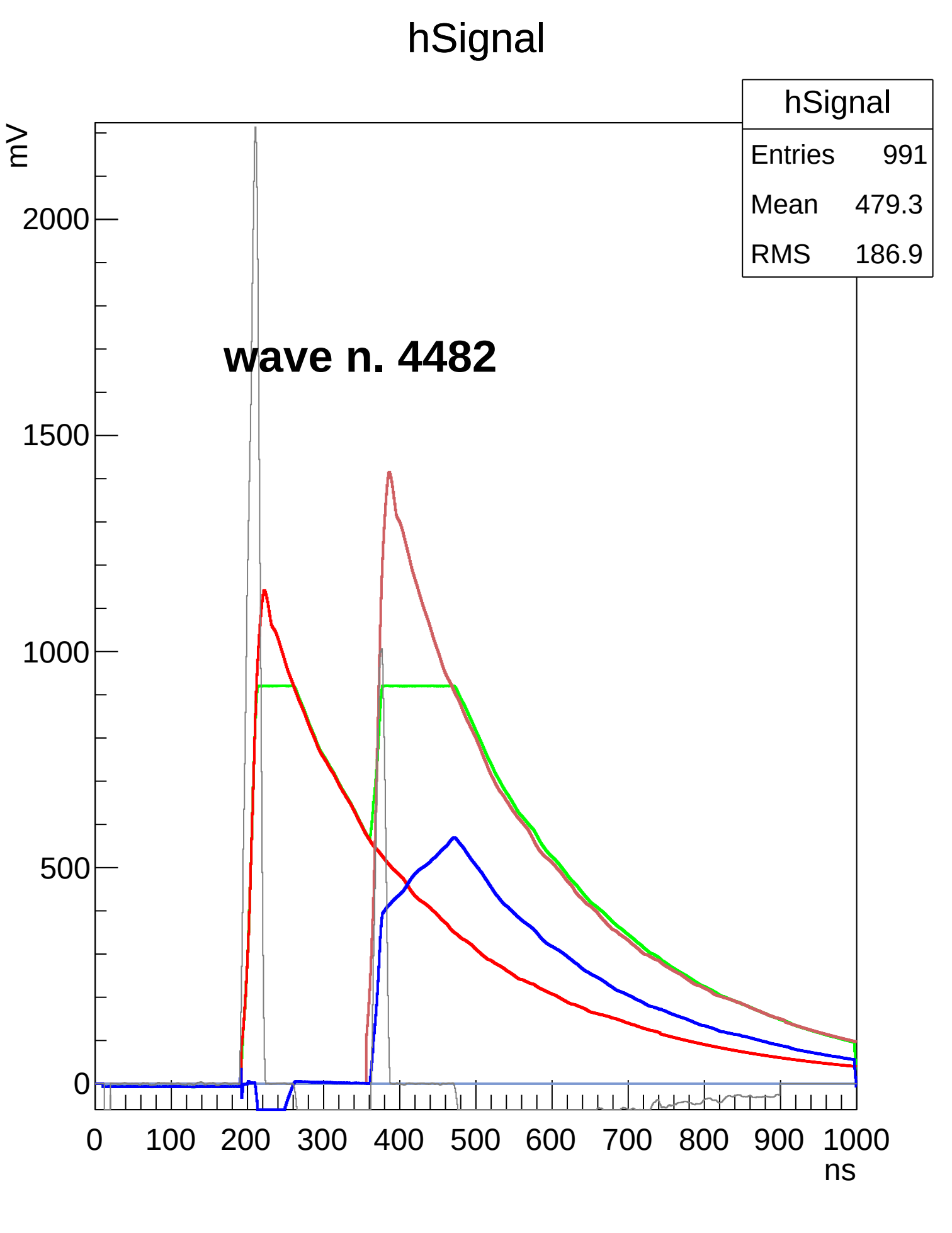
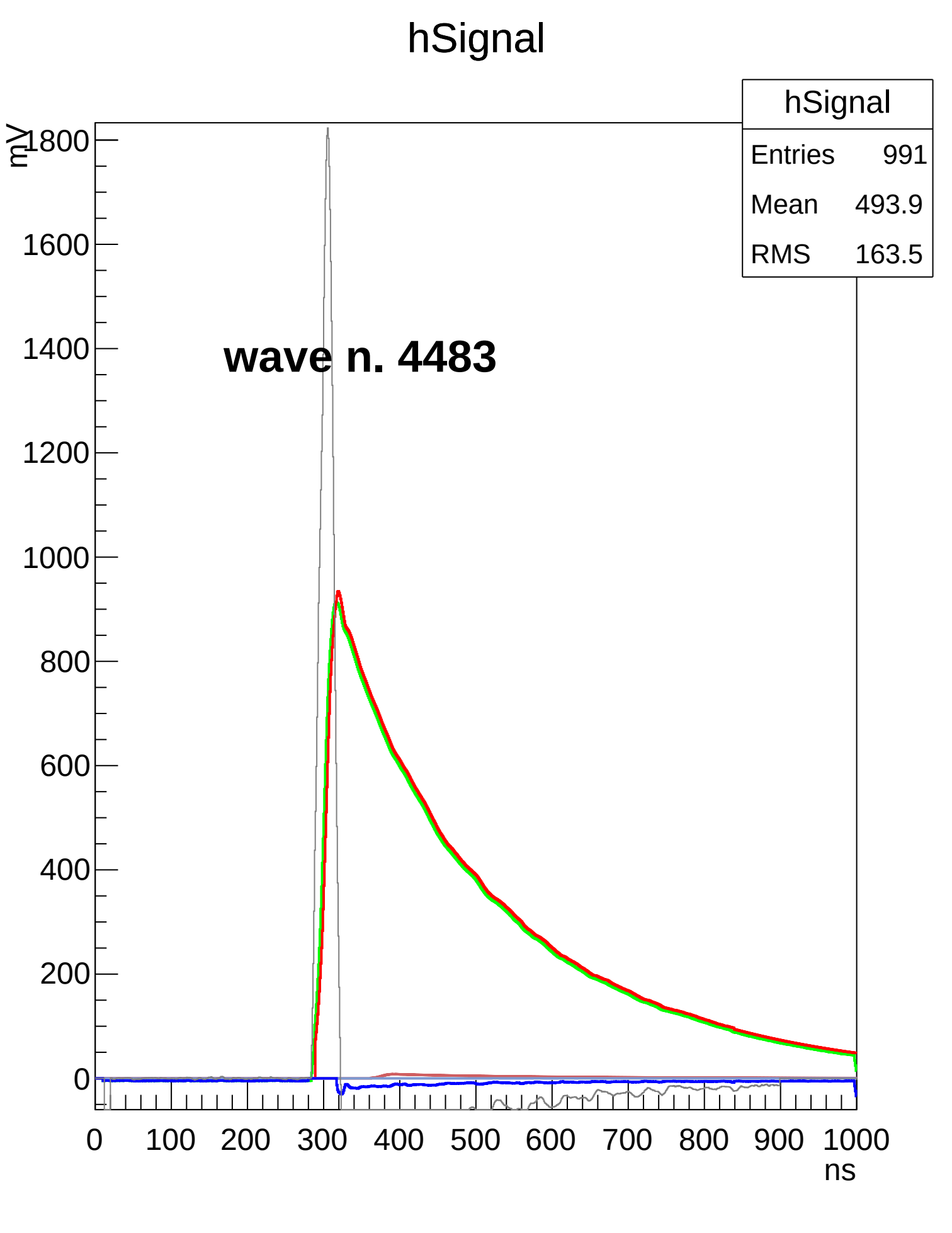
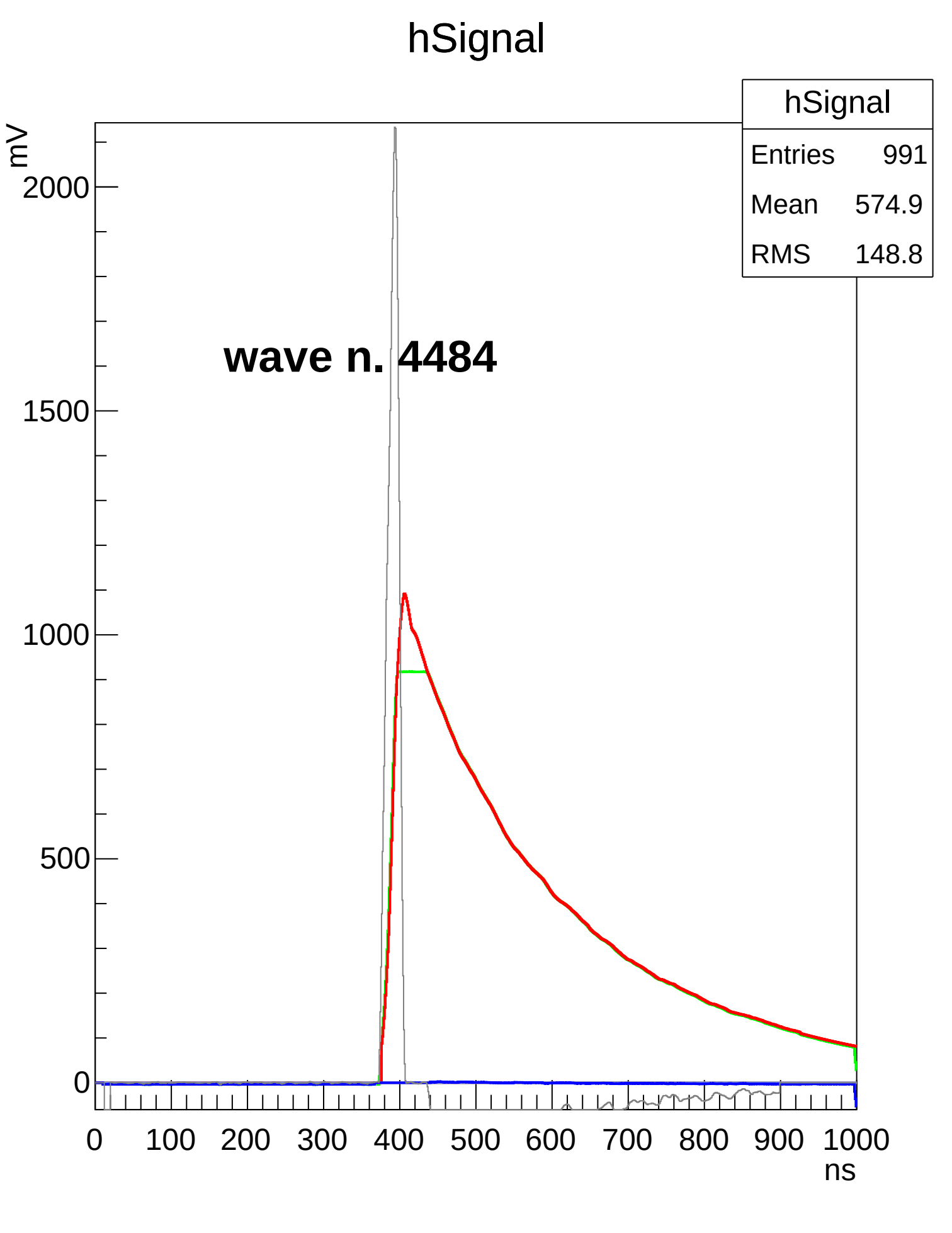
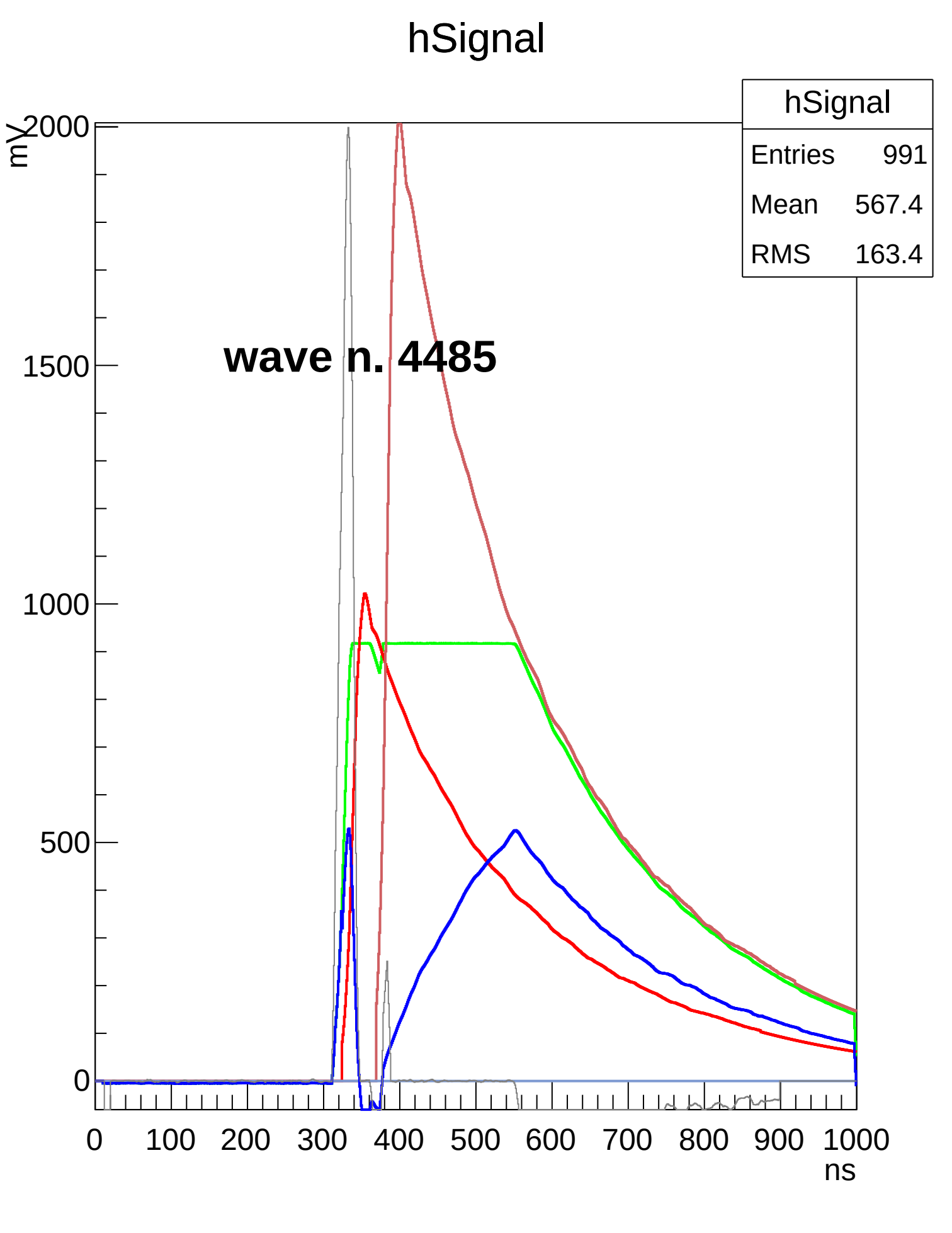
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 593.7
RMS 145.1
wave n. 4481
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 479.3
RMS 186.9
wave n. 4482
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 493.9
RMS 163.5
wave n. 4483
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 574.9
RMS 148.8
wave n. 4484
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 567.4
RMS 163.4
wave n. 4485
mV
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1500
1000
500
0
0
100
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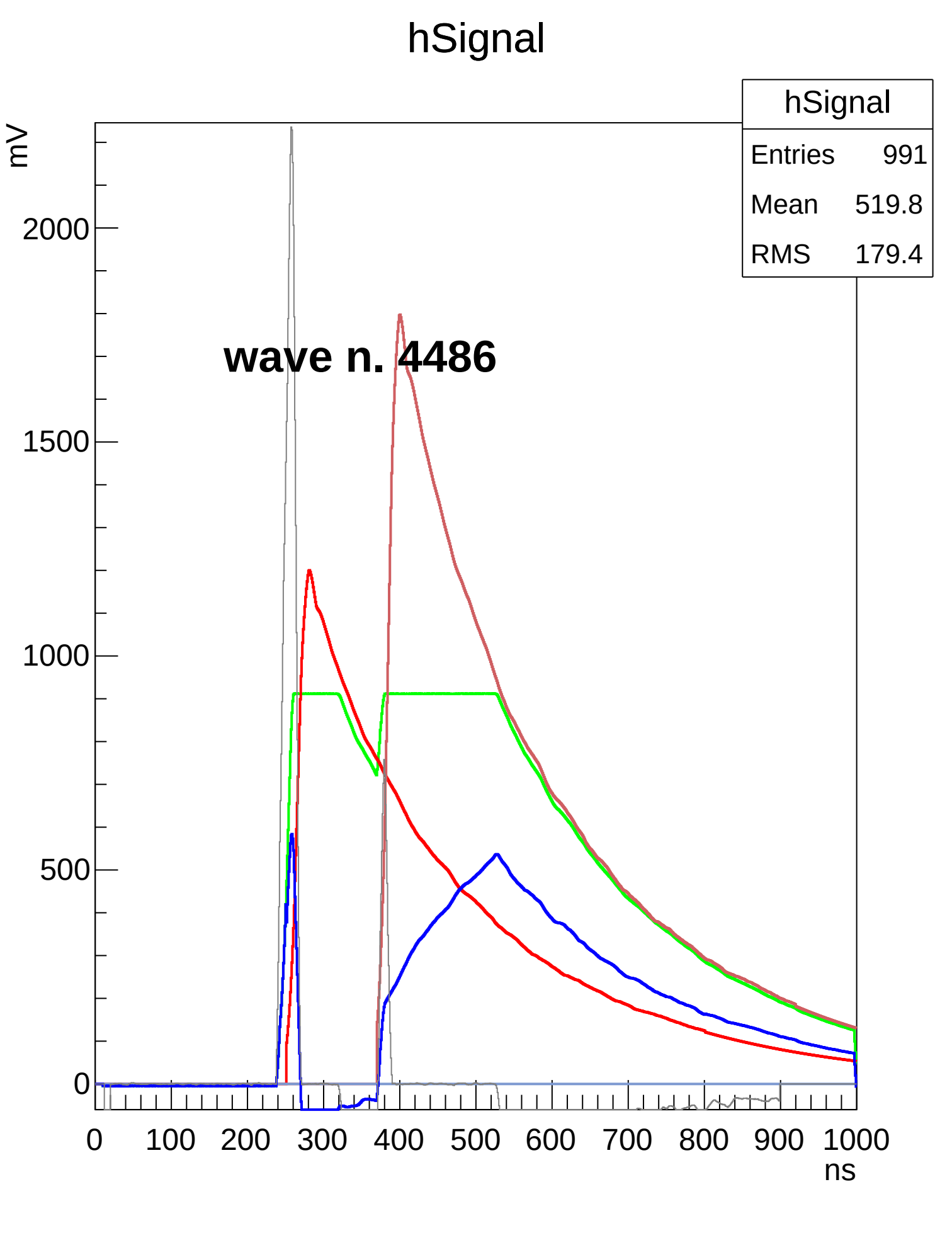
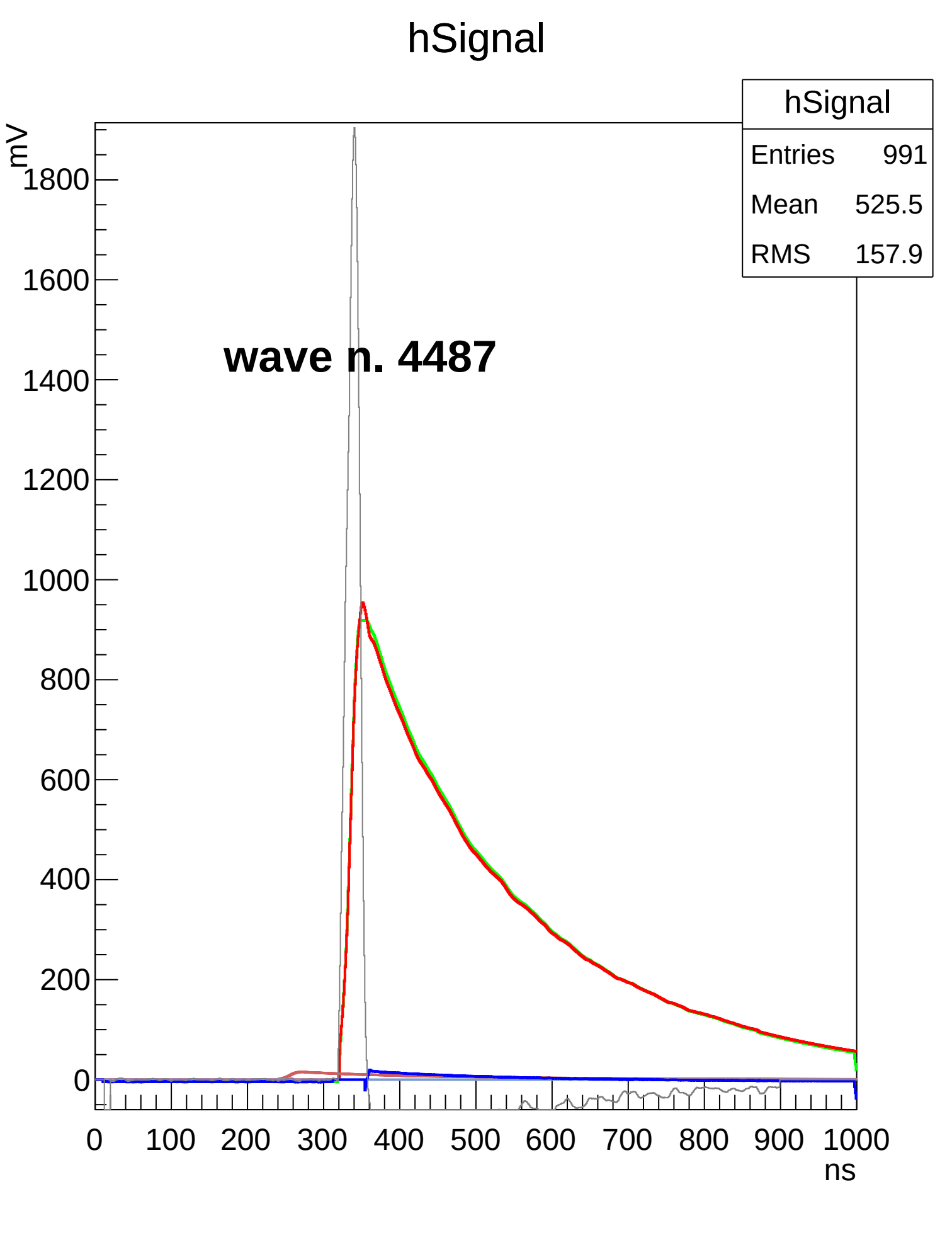
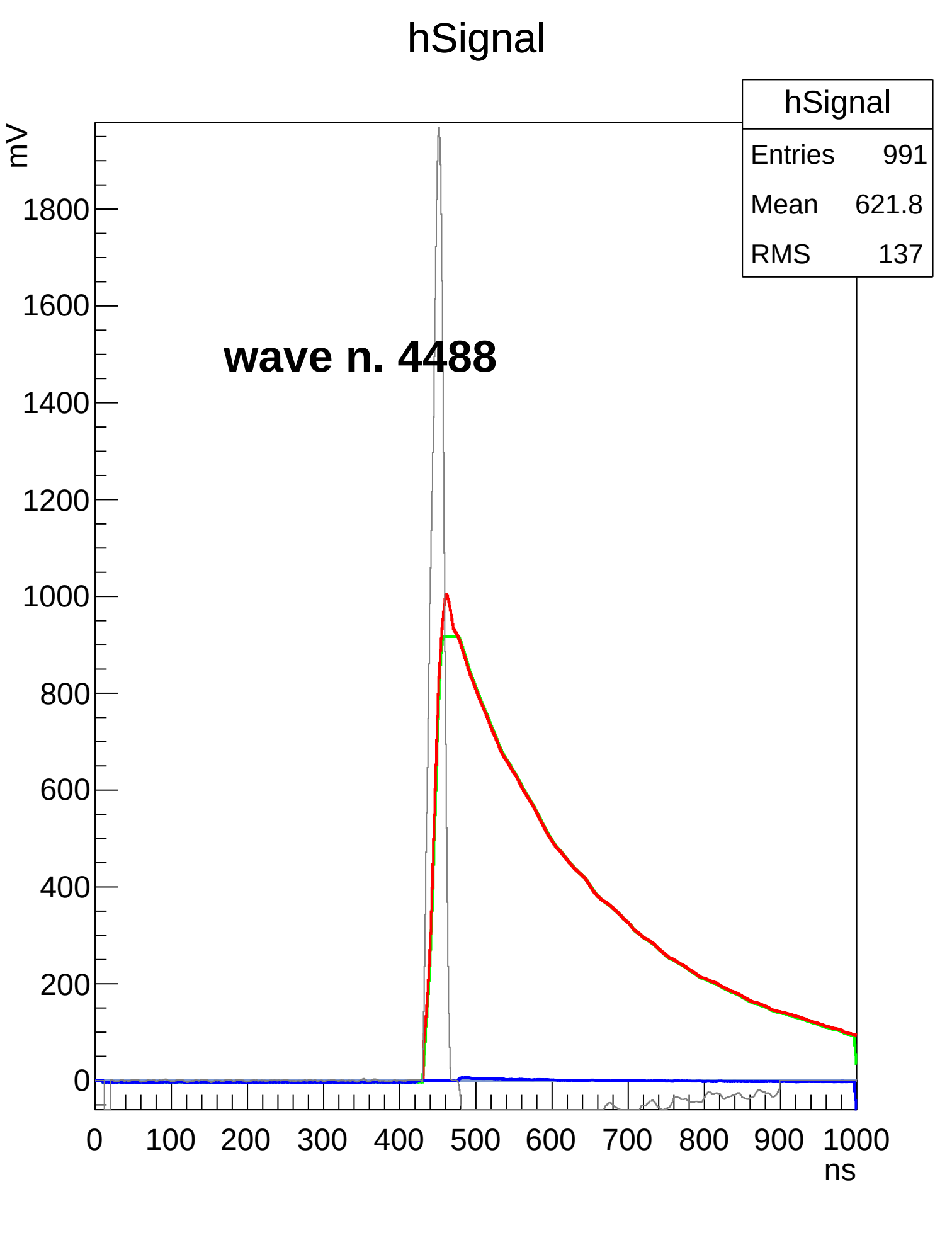
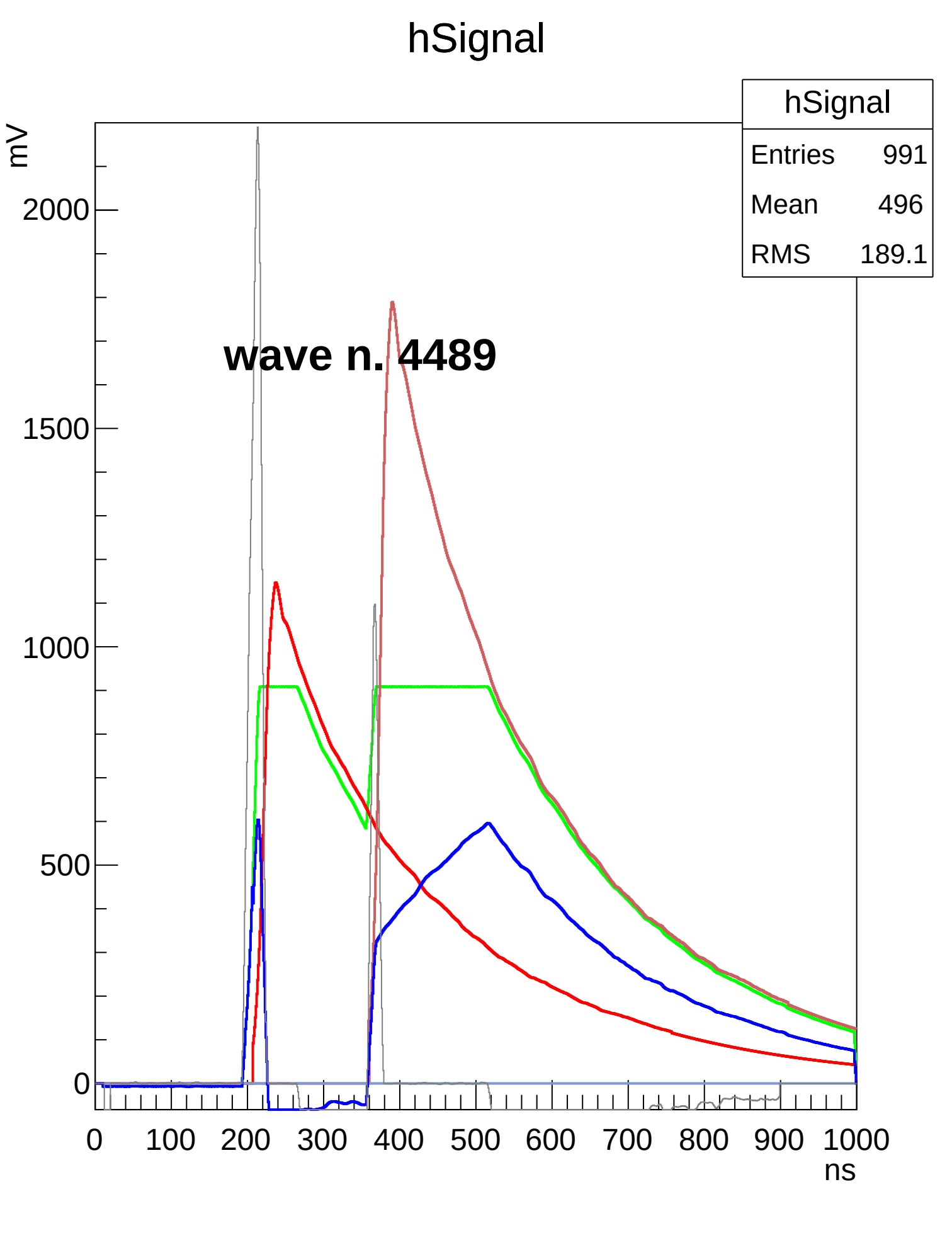
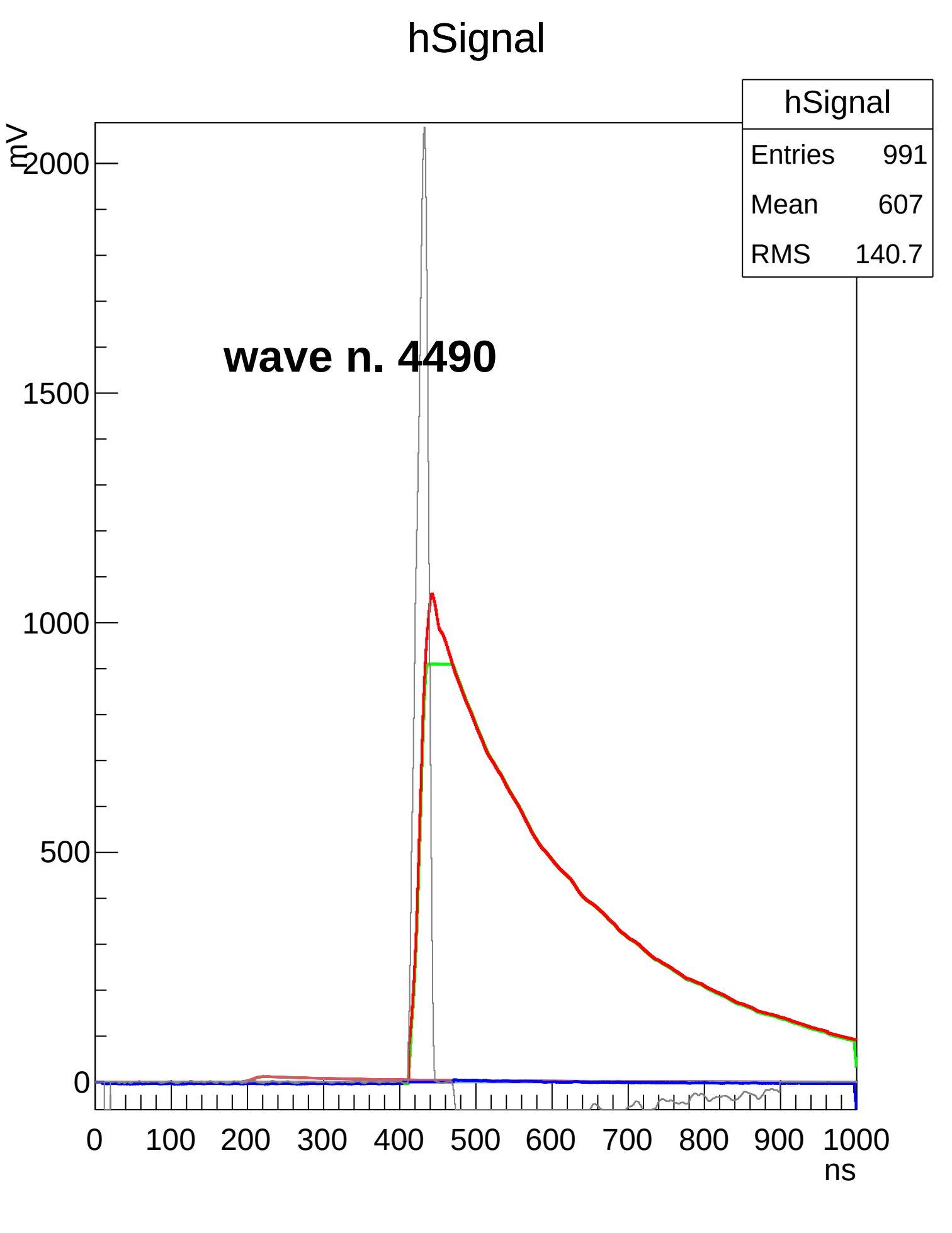
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.8
RMS 179.4
wave n. 4486
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 525.5
RMS 157.9
wave n. 4487
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 621.8
RMS 137
wave n. 4488
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 496
RMS 189.1
wave n. 4489
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 607
RMS 140.7
wave n. 4490
mV
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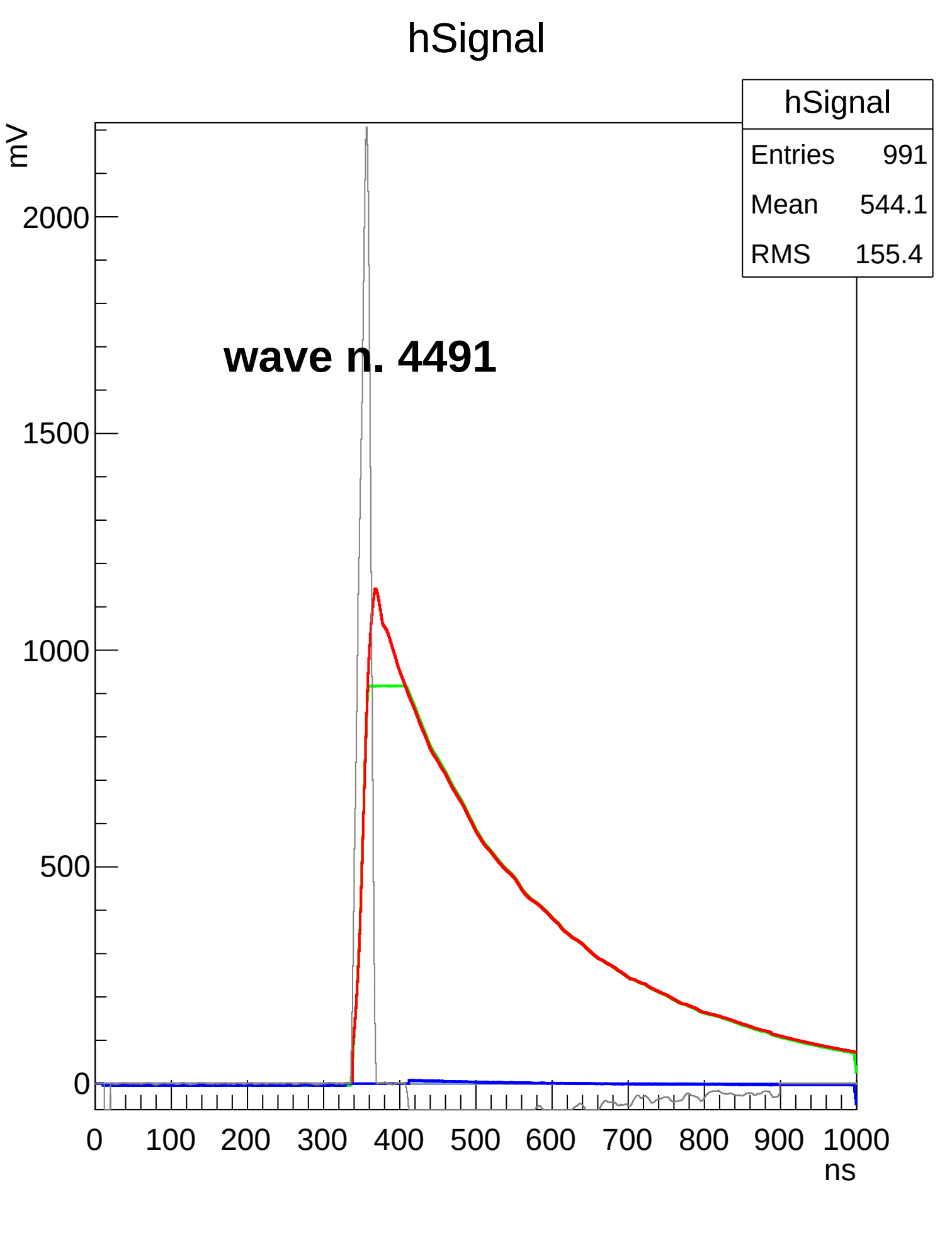
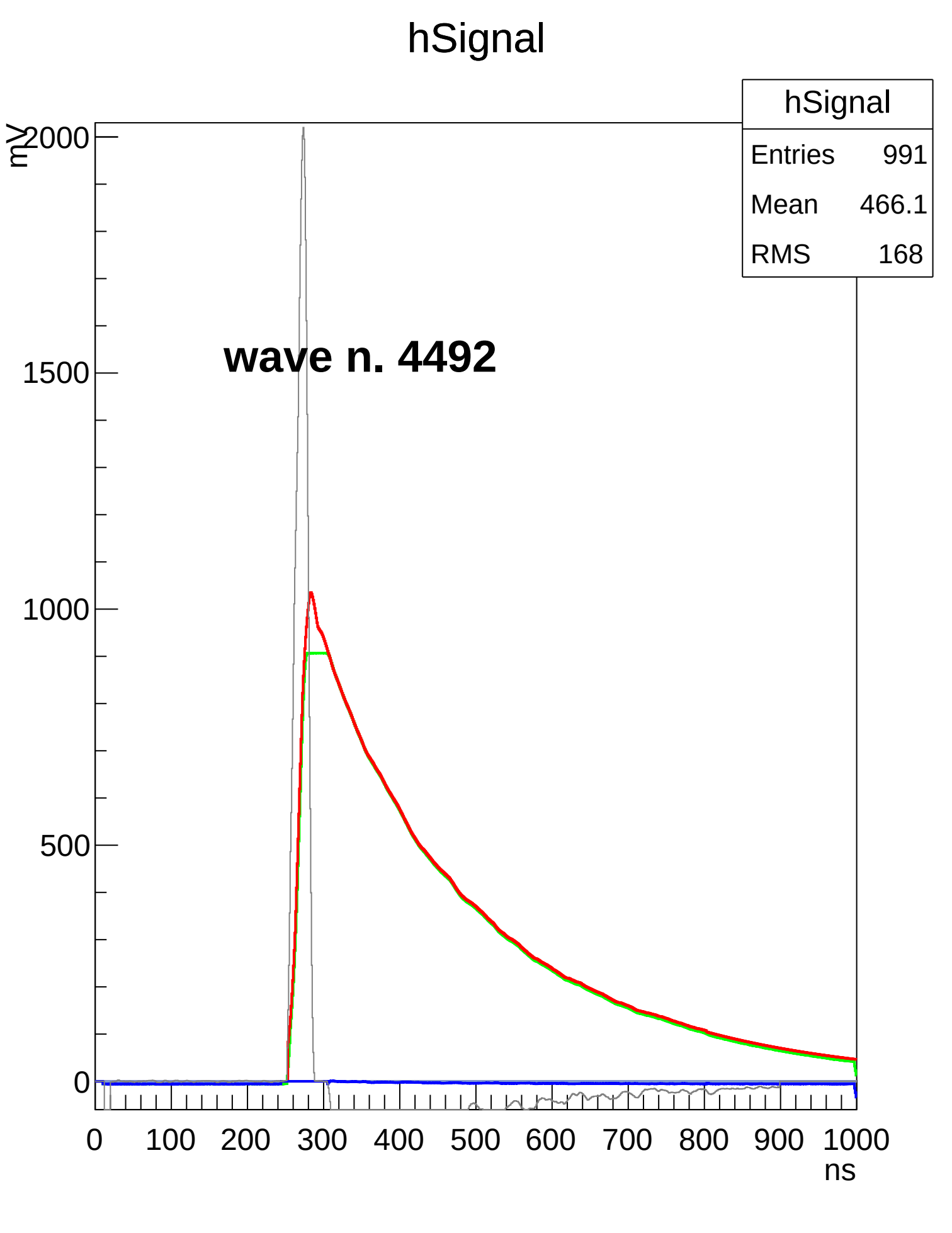
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 544.1
RMS 155.4
wave n. 4491
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 466.1
RMS 168
wave n. 4492
mV
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1500
1000
500
0
0
100
200
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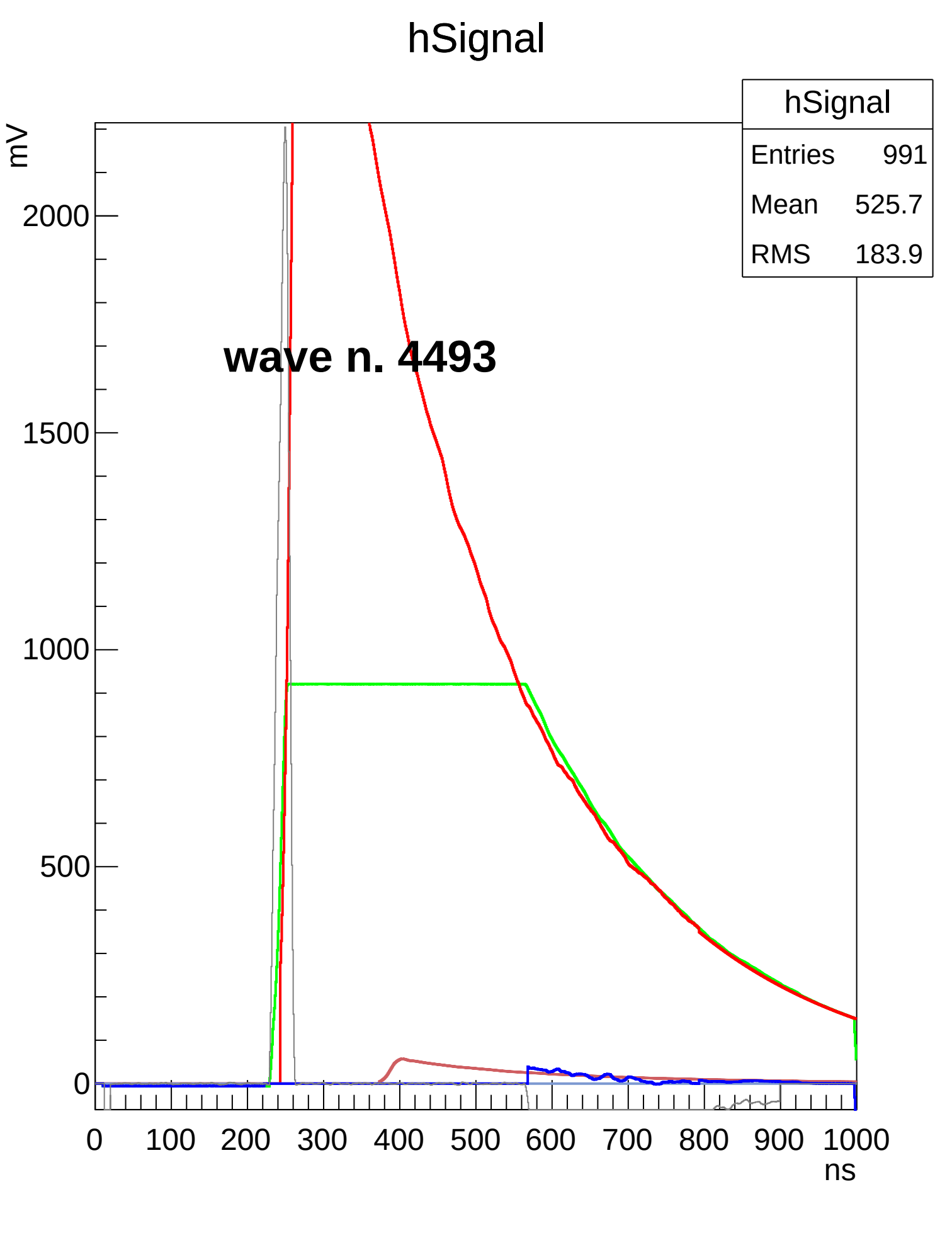
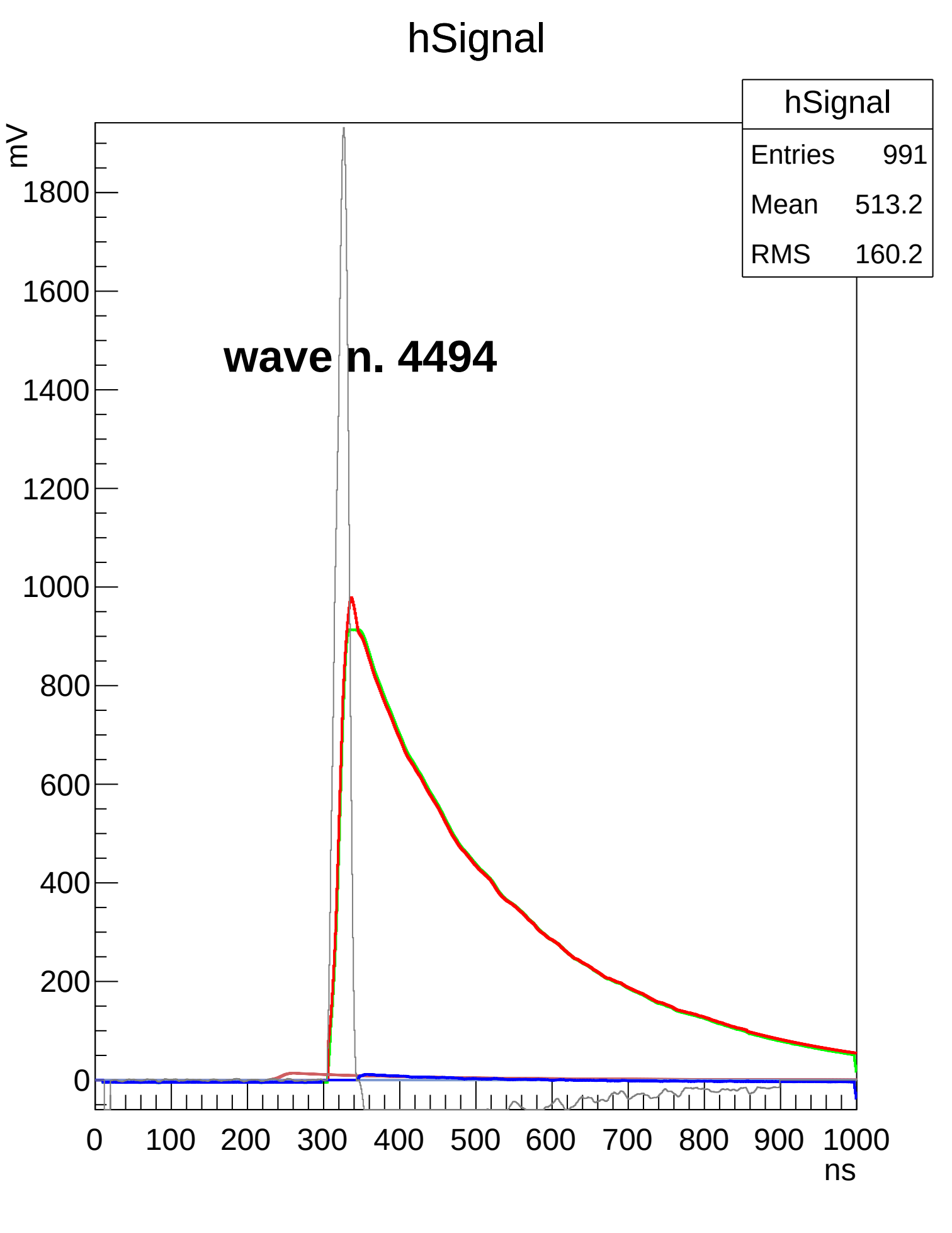
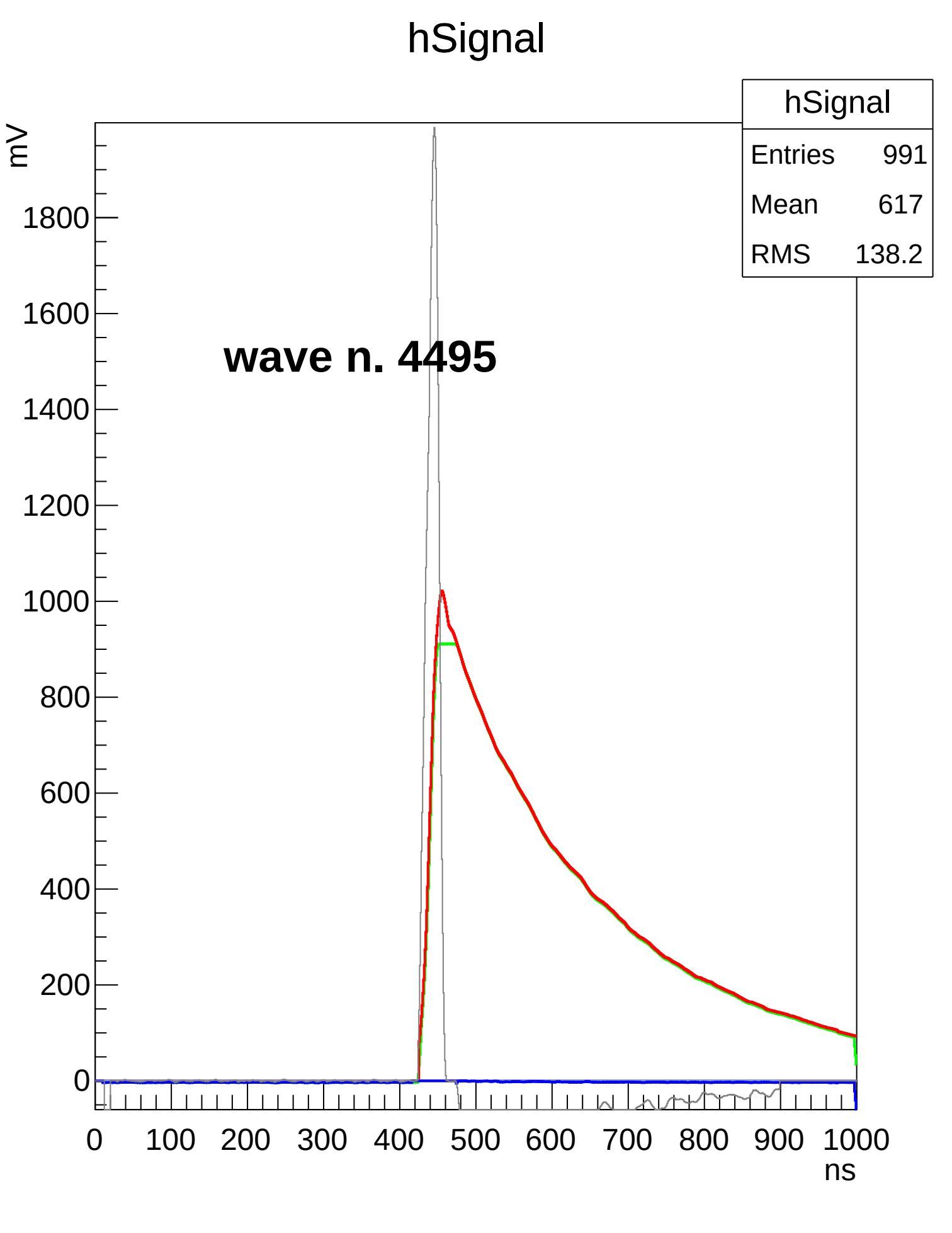
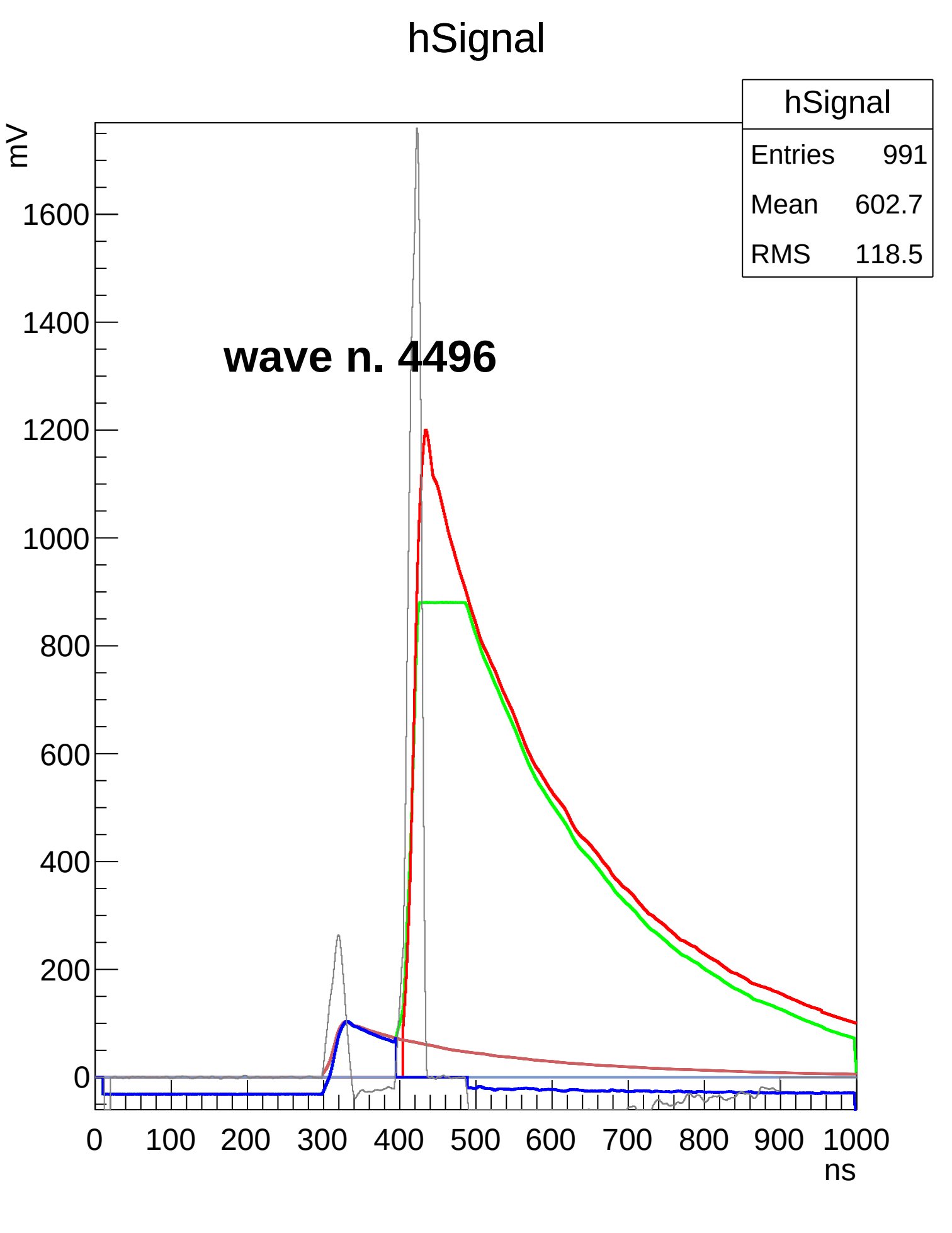
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 525.7
RMS 183.9
wave n. 4493
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513.2
RMS 160.2
wave n. 4494
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 617
RMS 138.2
wave n. 4495
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 602.7
RMS 118.5
wave n. 4496
mV
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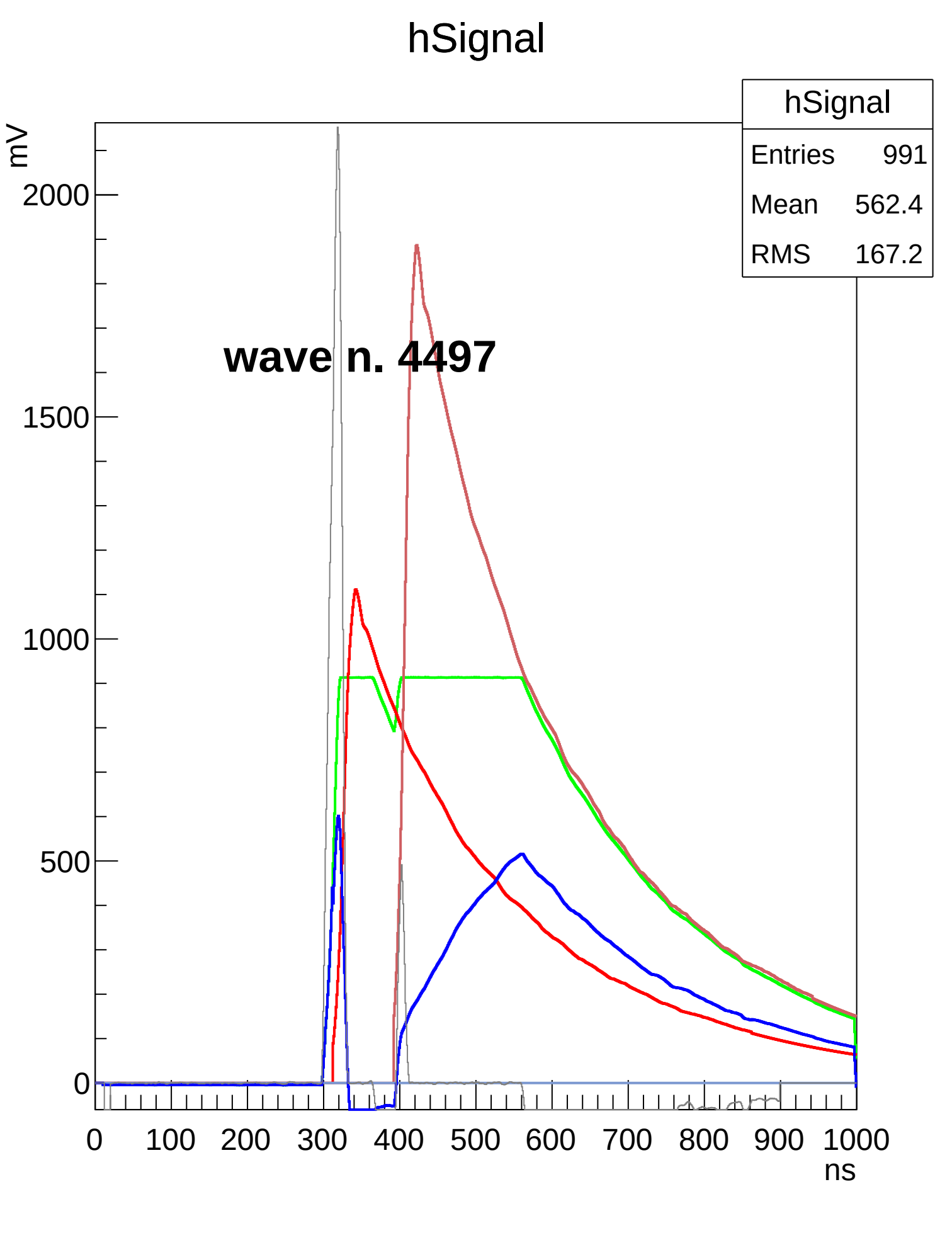
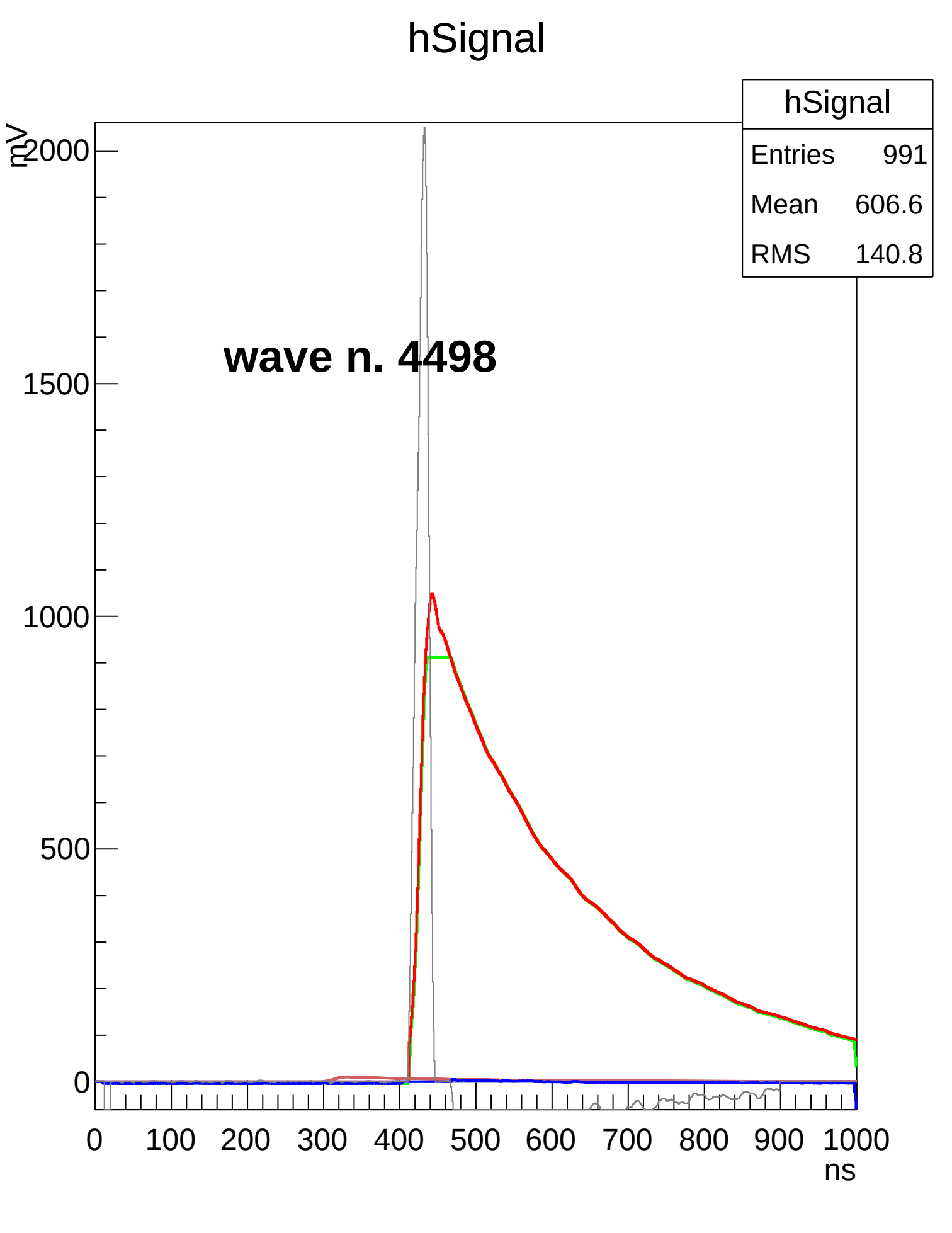
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 562.4
RMS 167.2
wave n. 4497
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 606.6
RMS 140.8
wave n. 4498
mV
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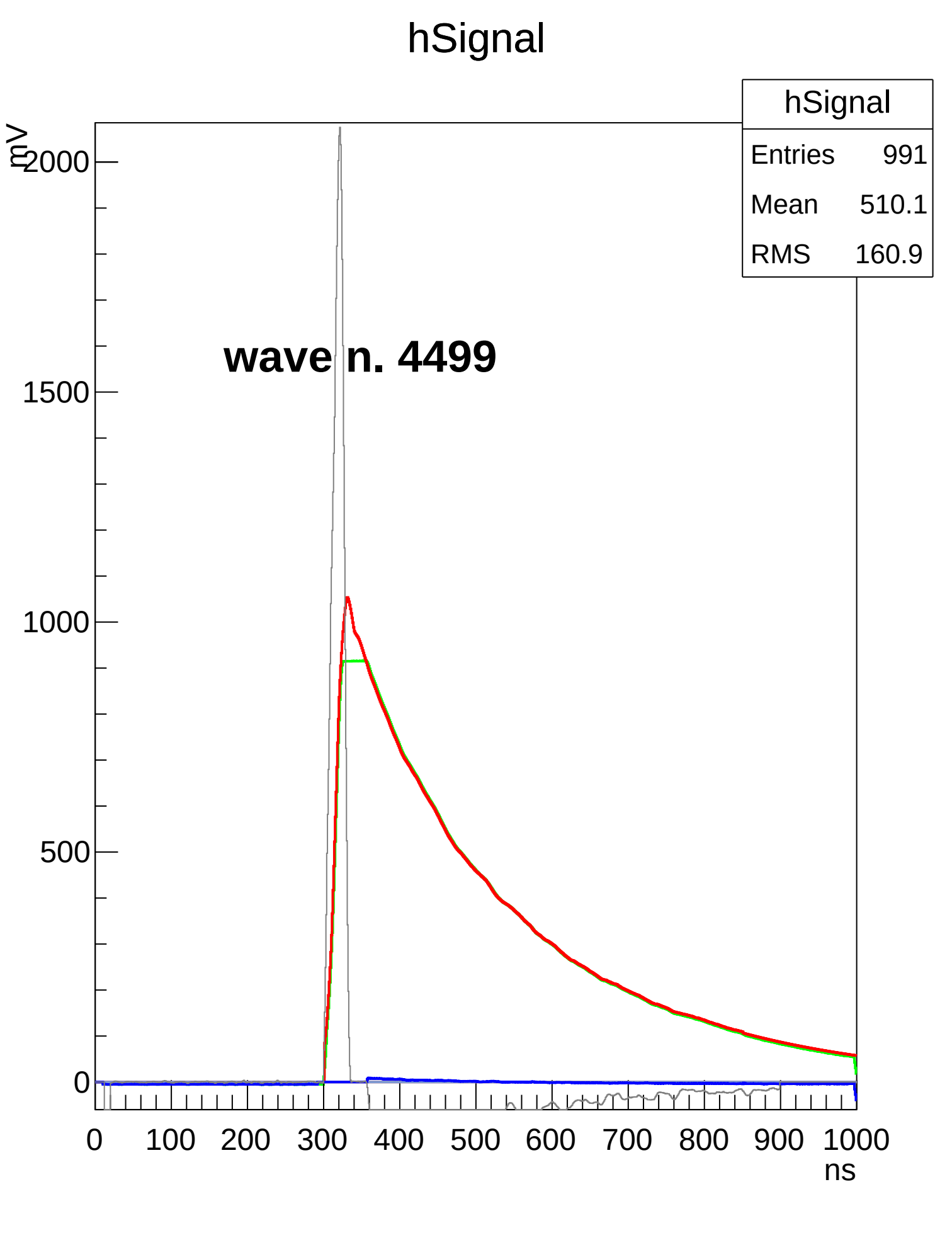
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.1
RMS 160.9
wave n. 4499
mV
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1500
1000
500
0
0
100
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400
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600
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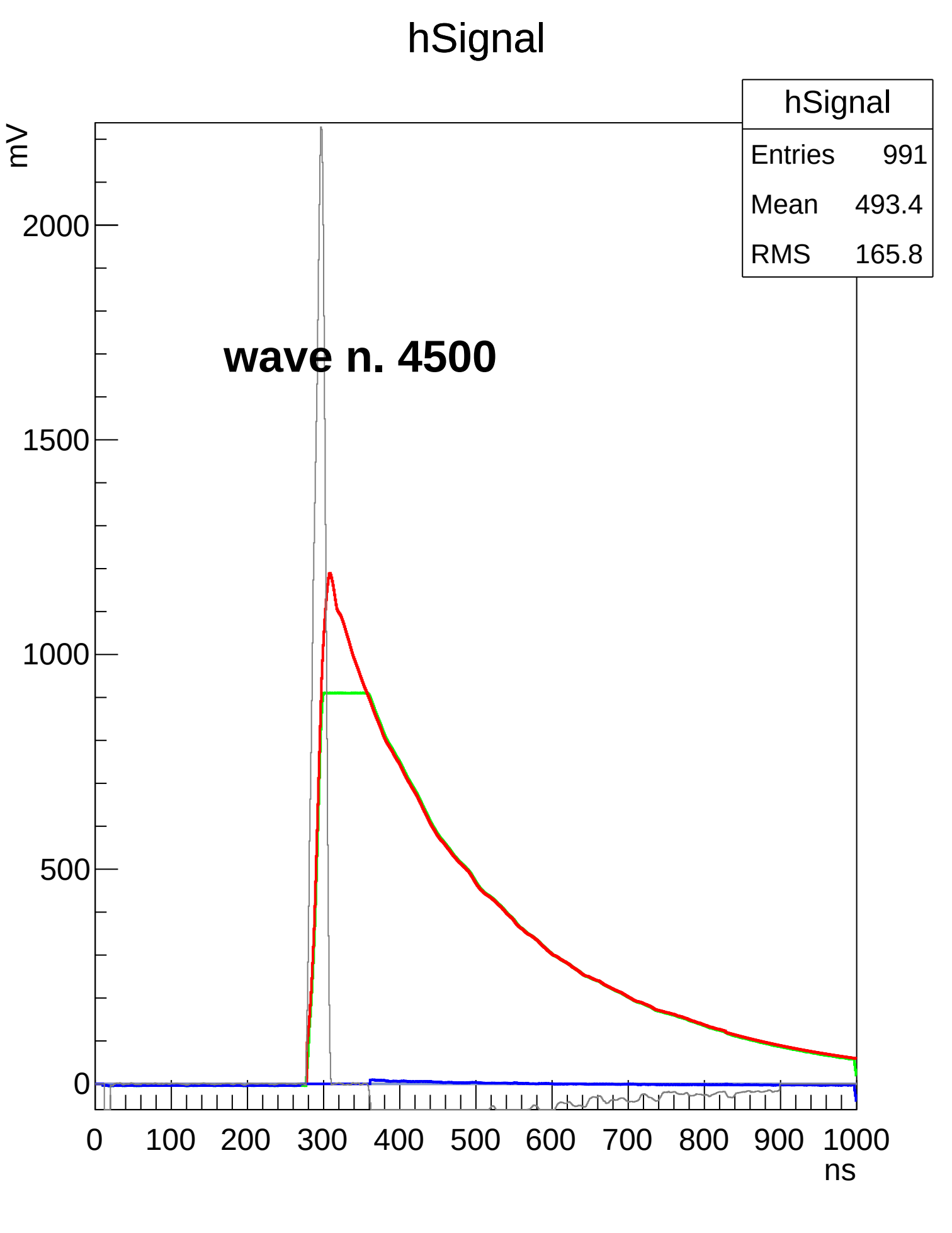
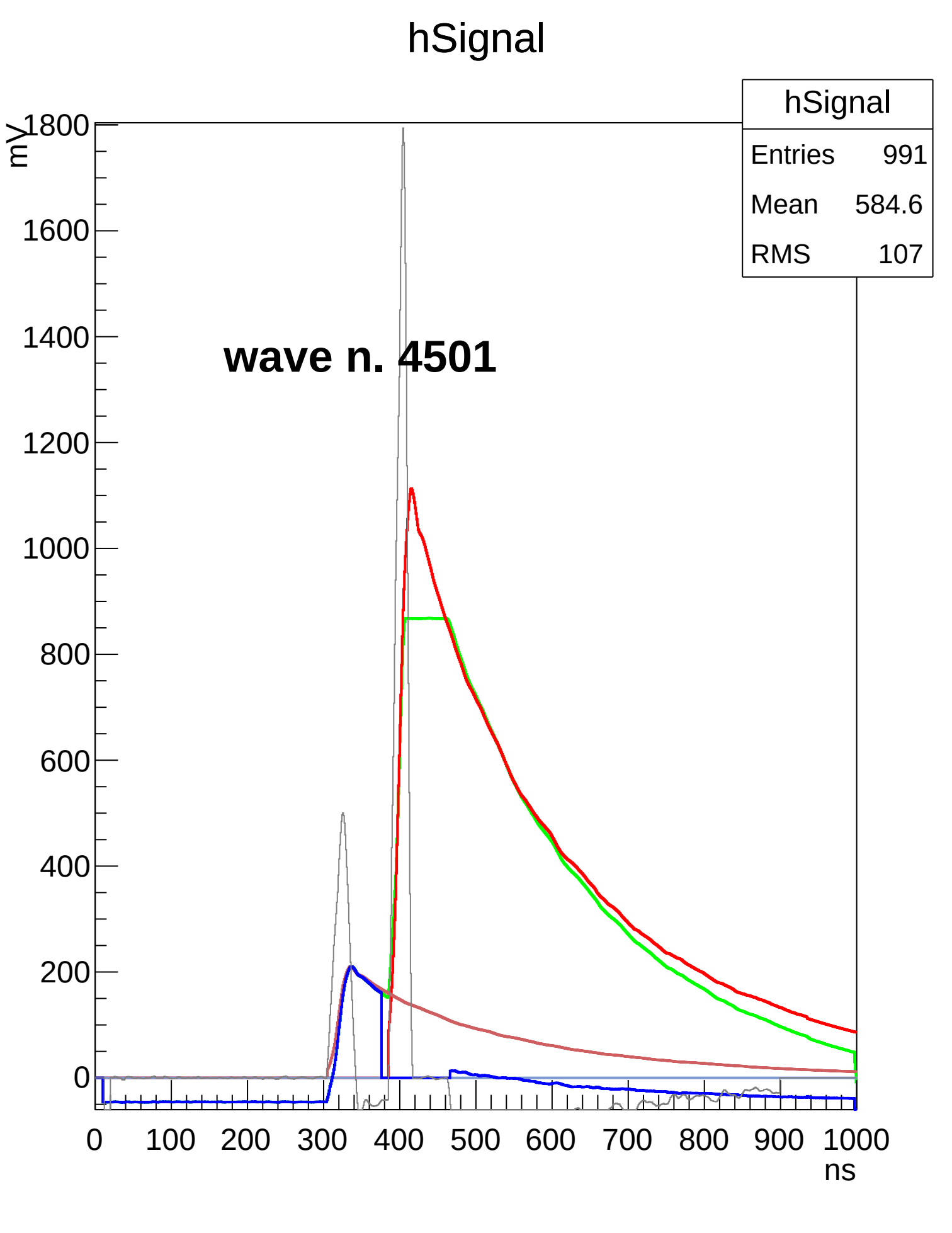
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 493.4
RMS 165.8
wave n. 4500
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 584.6
RMS 107
wave n. 4501
mV
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1600
1400
1200
1000
800
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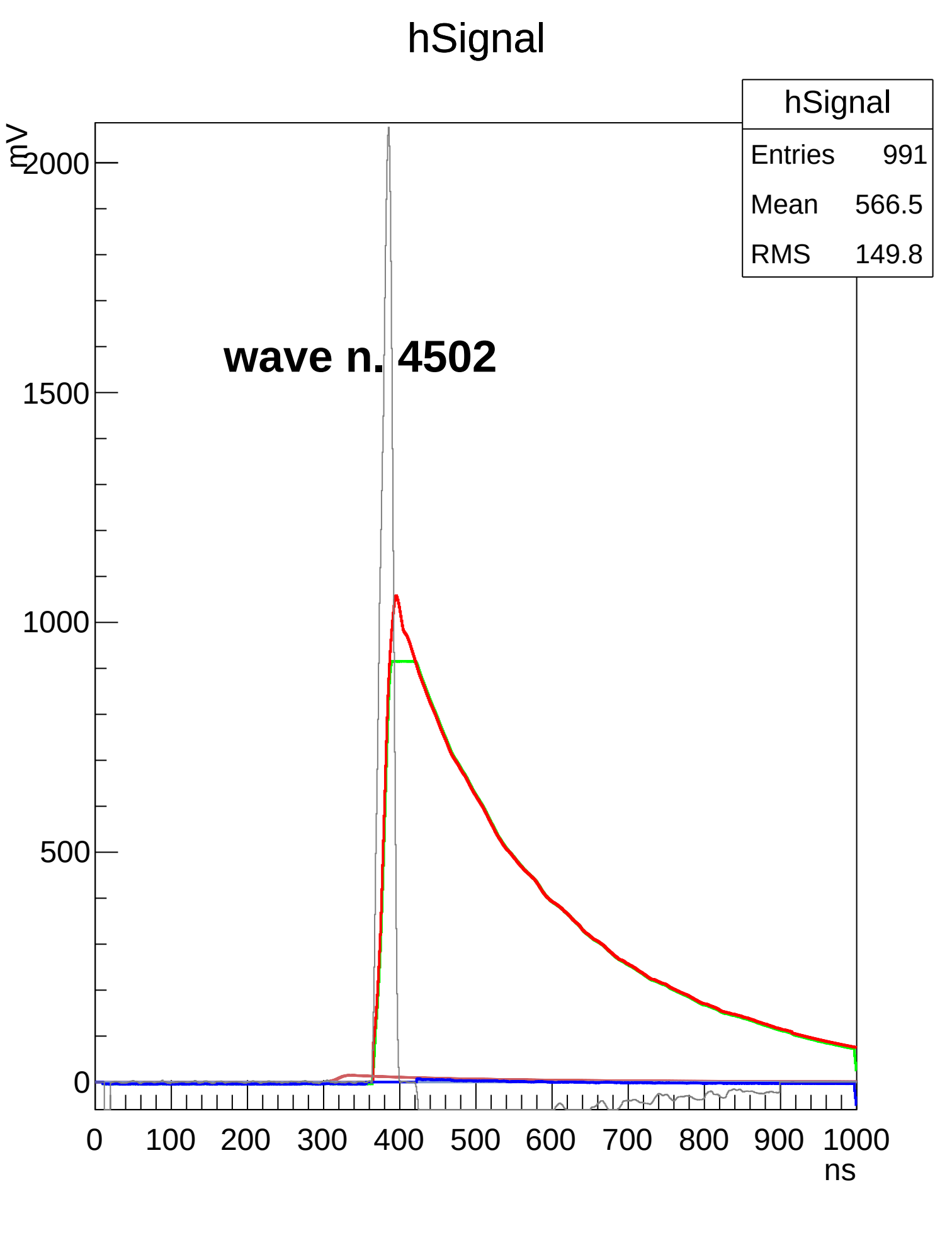
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 566.5
RMS 149.8
wave n. 4502
mV
2000
1500
1000
500
0
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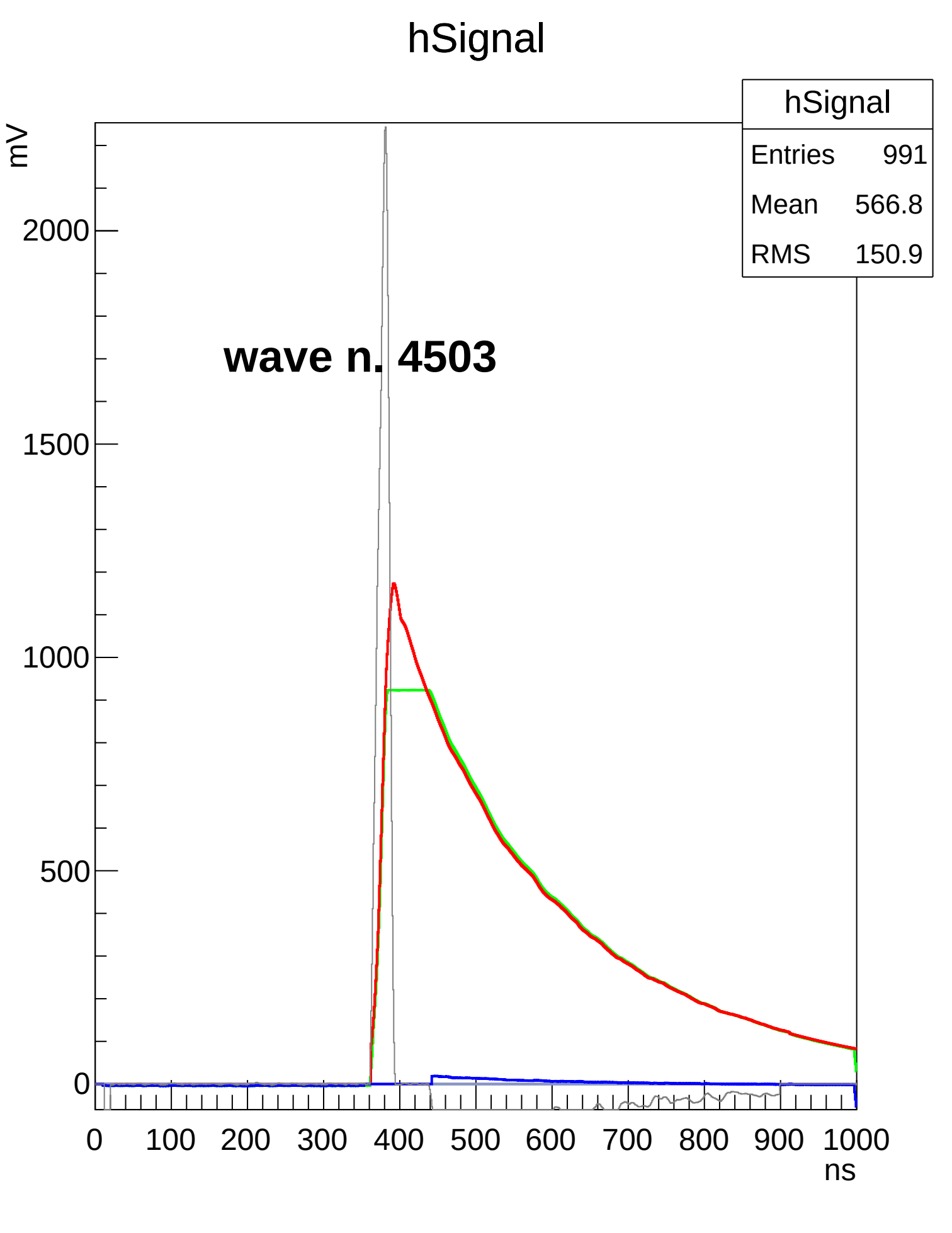
ns


hSignal
hSignal
Entries 991
Mean 566.8
RMS 150.9
wave n. 4503
mV
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1500
1000
500
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0
100
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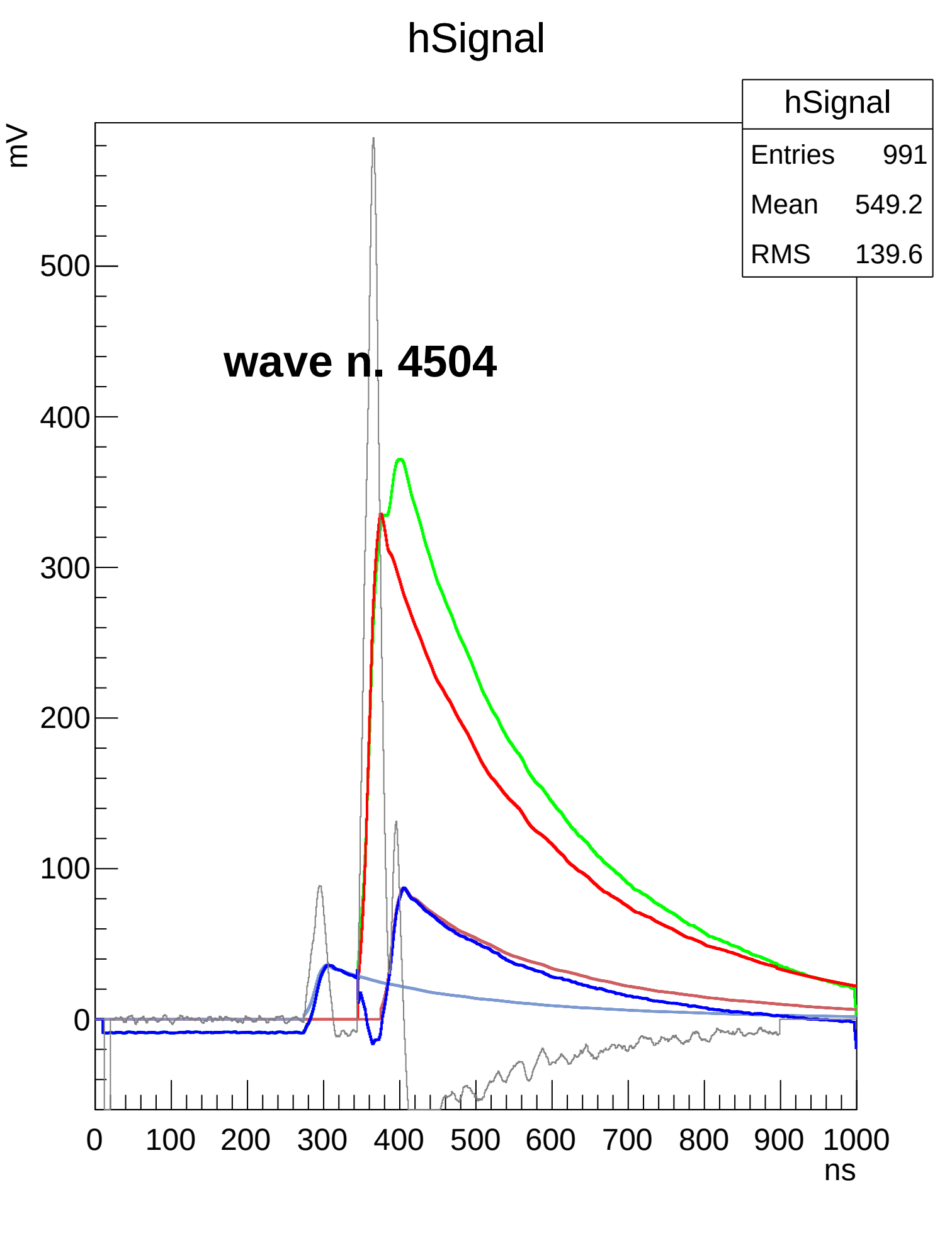
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.2
RMS 139.6
wave n. 4504
mV
500
400
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200
100
0
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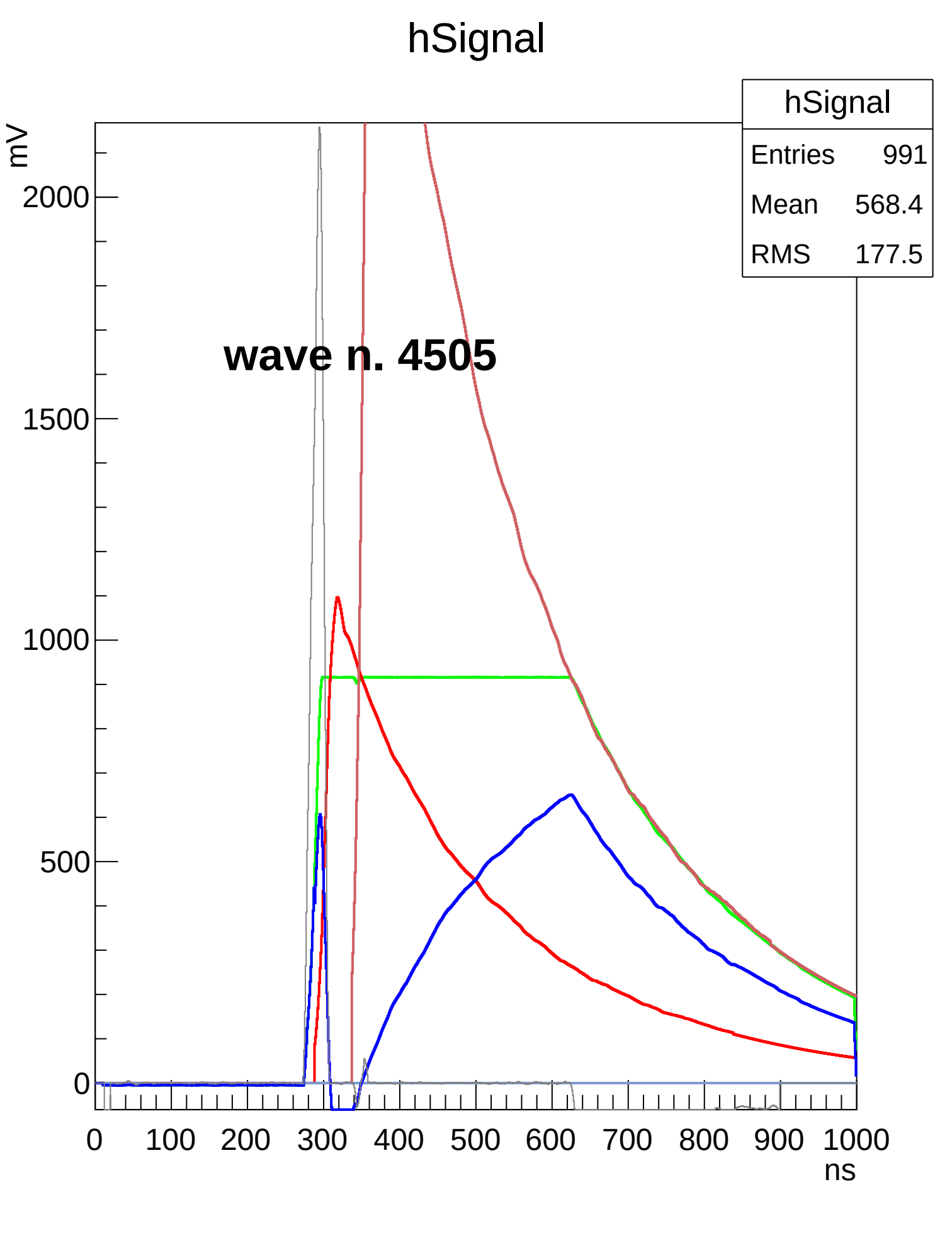
ns


hSignal
hSignal
Entries 991
Mean 568.4
RMS 177.5
wave n. 4505
mV
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1500
1000
500
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0
100
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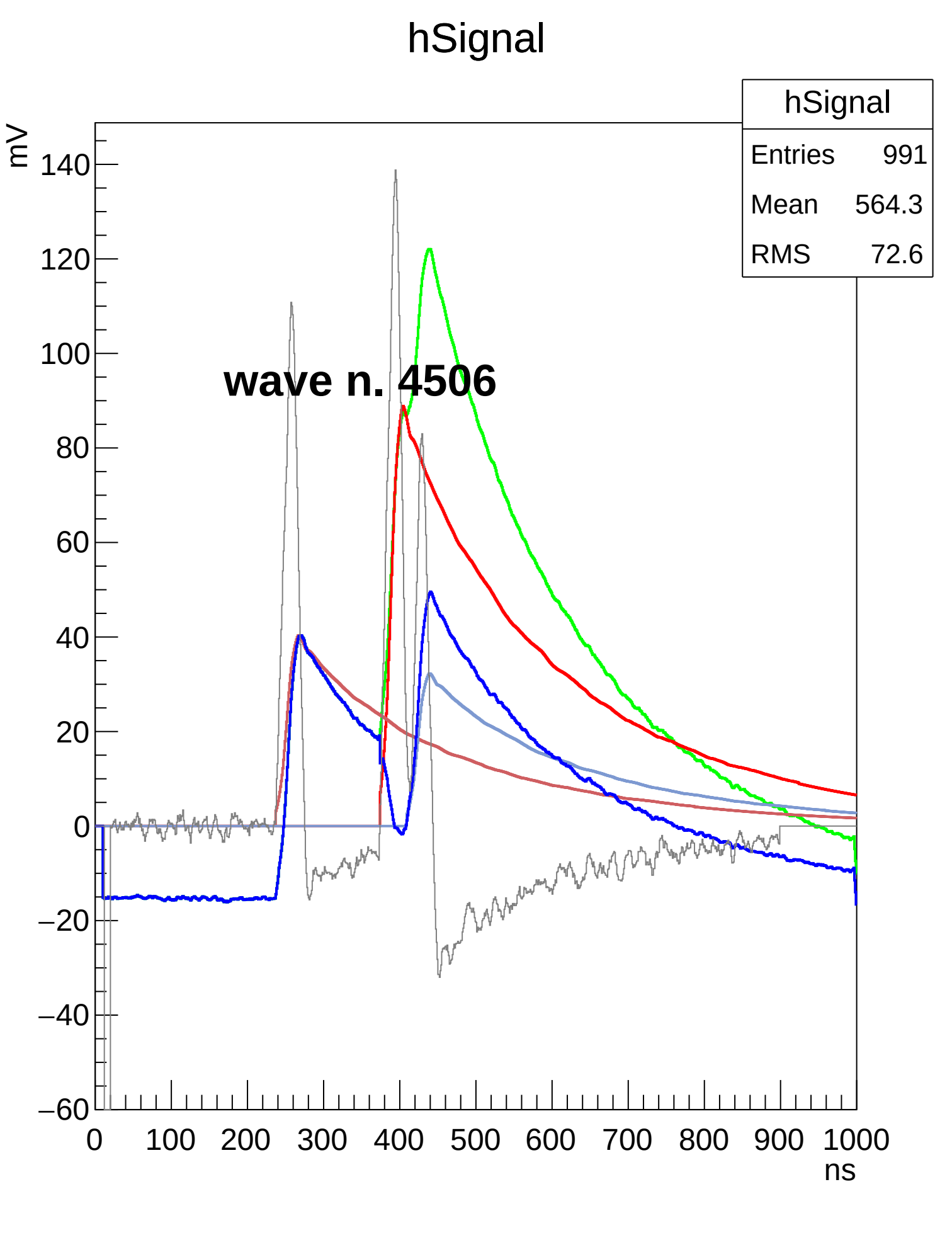
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 564.3
RMS 72.6
wave n. 4506
mV
140
120
100
80
60
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−20
−40
−60
0
100
200
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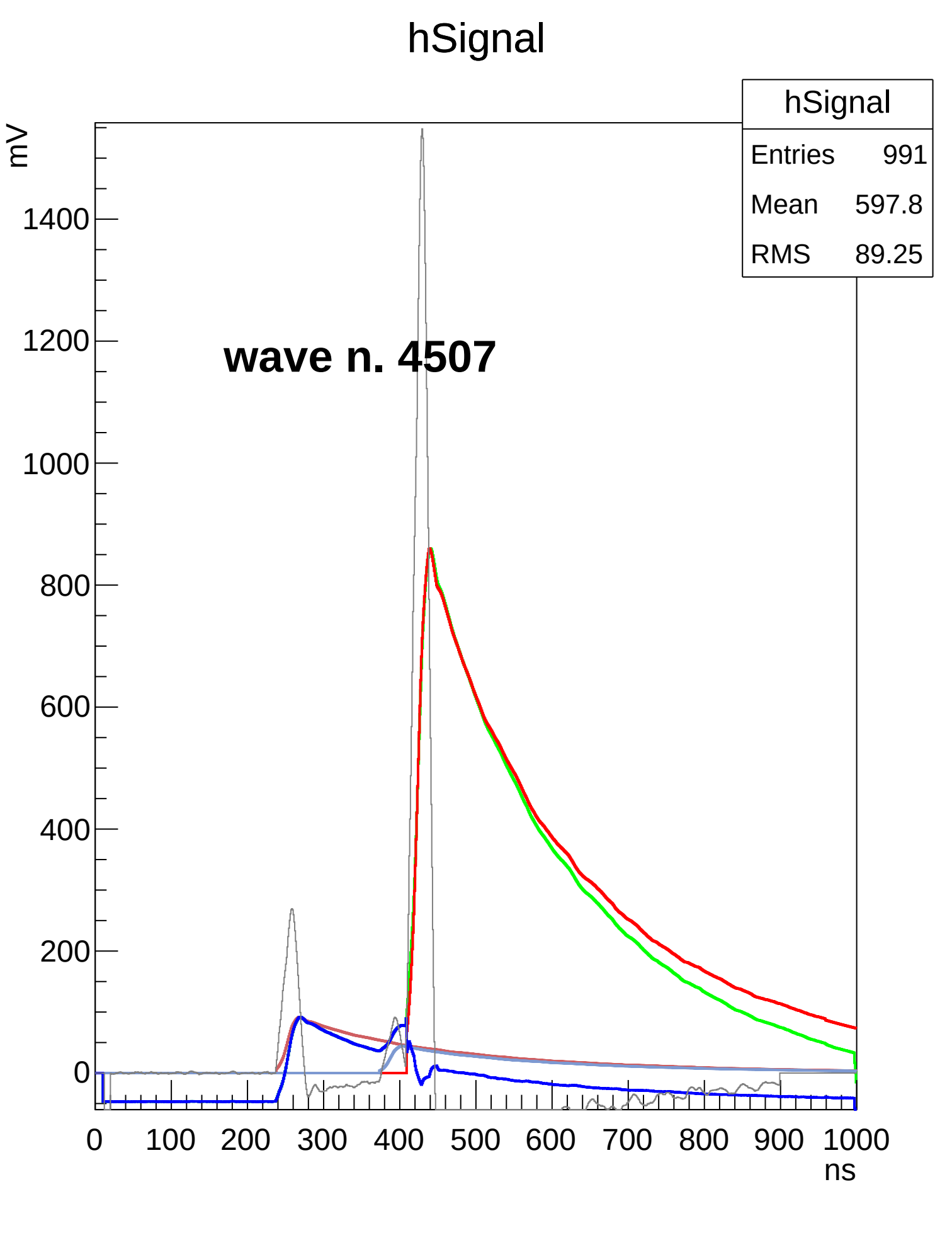
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597.8
RMS 89.25
wave n. 4507
mV
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600
400
200
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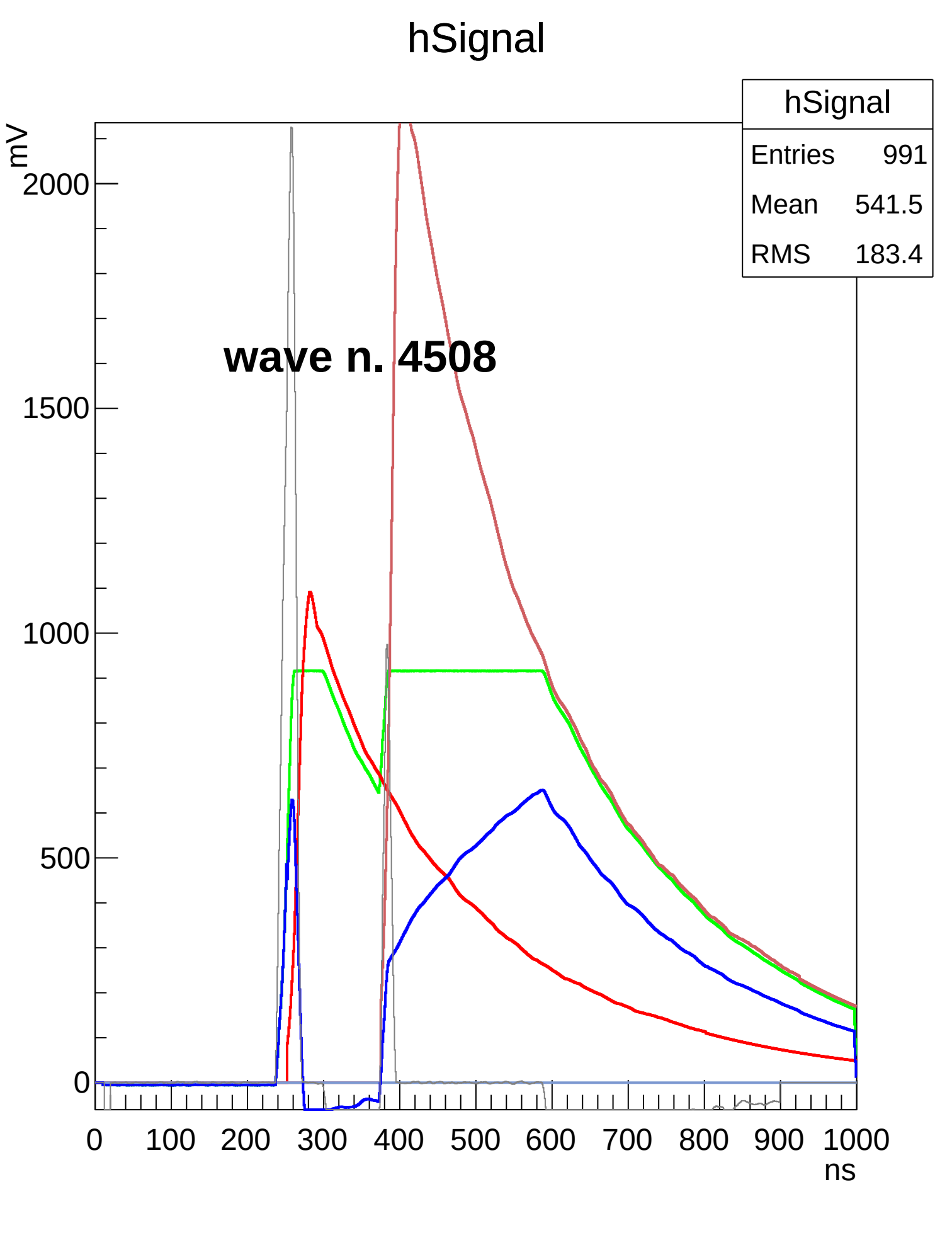
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 541.5
RMS 183.4
wave n. 4508
mV
2000
1500
1000
500
0
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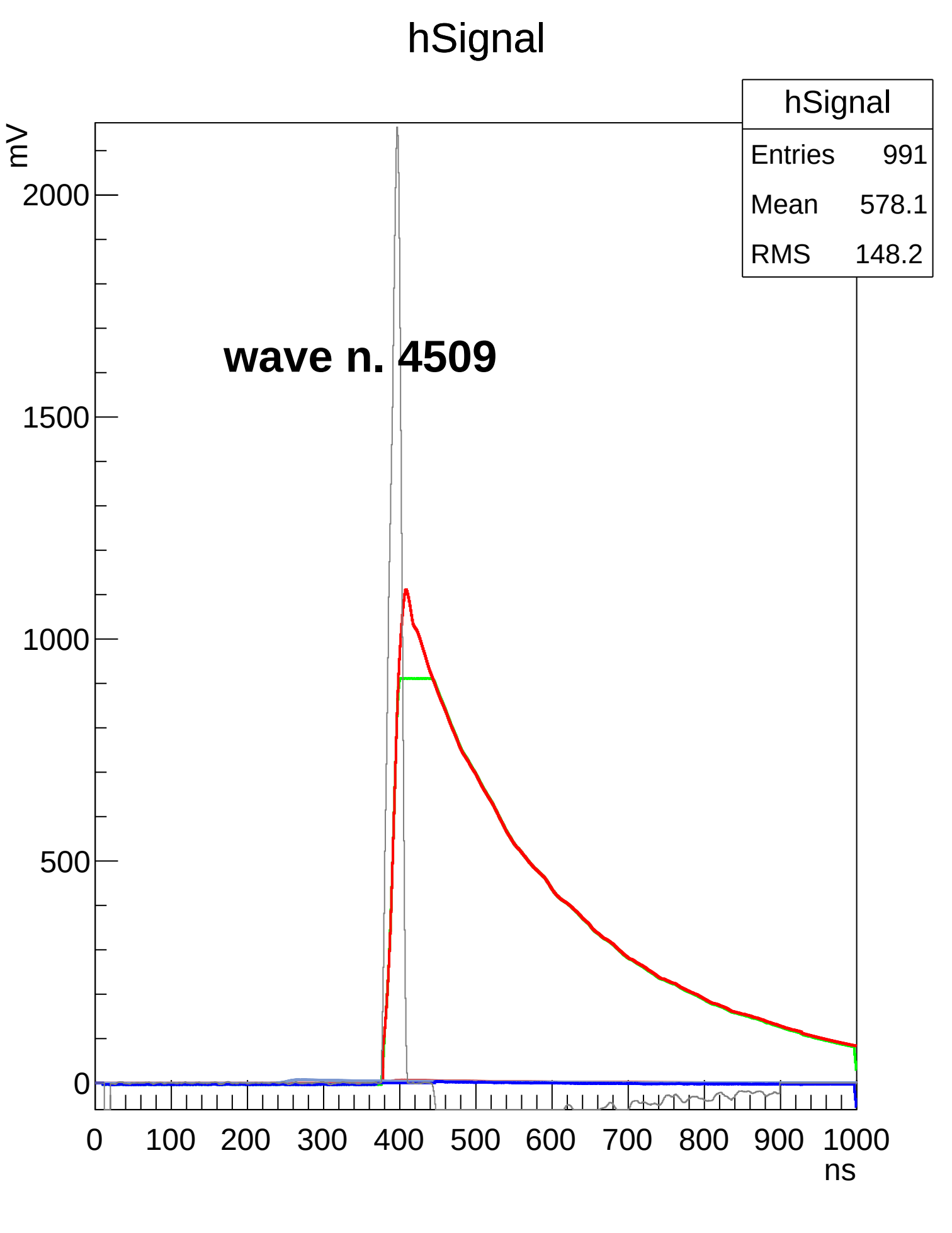
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hSignal
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Mean 578.1
RMS 148.2
wave n. 4509
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800
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1000
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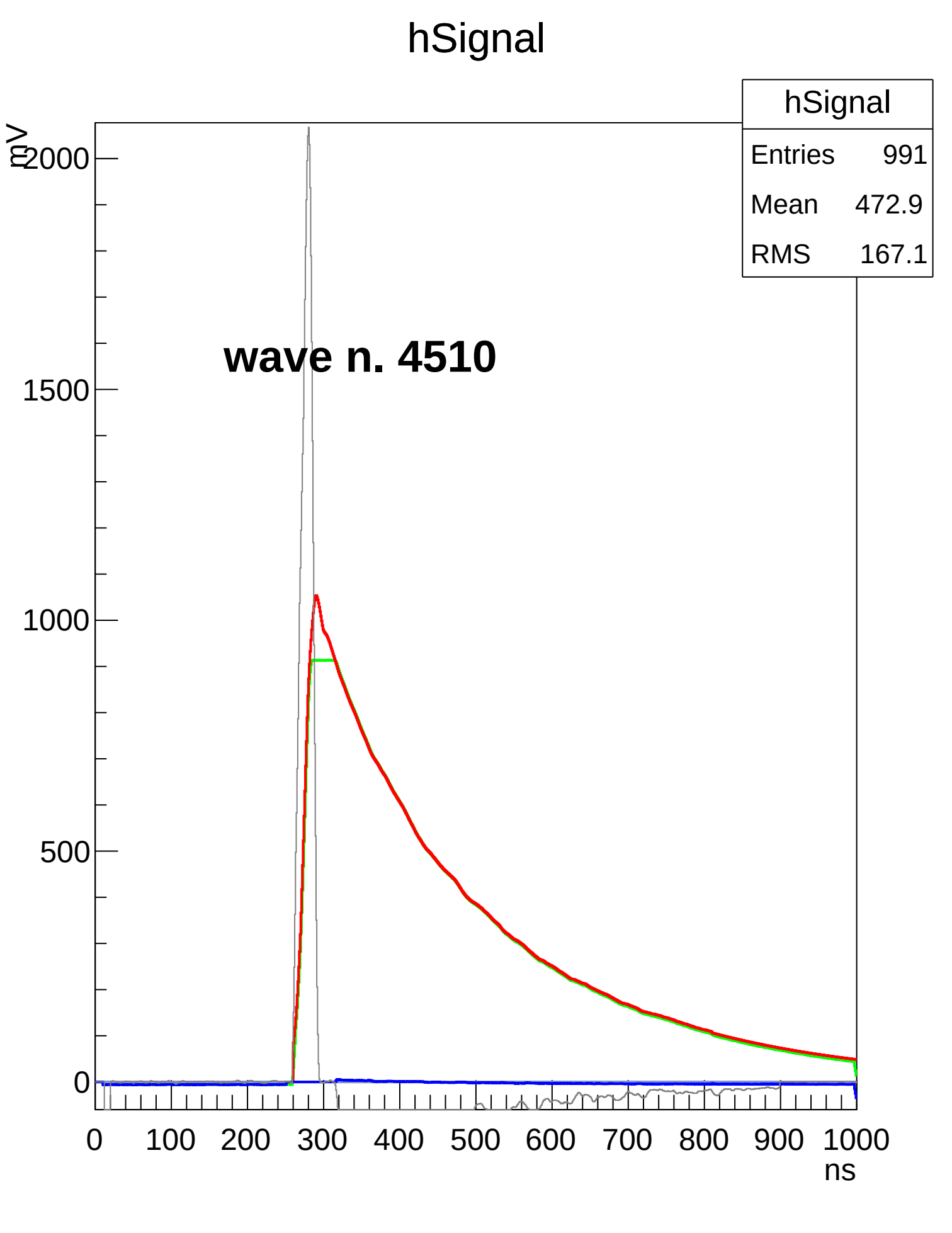
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Mean 472.9
RMS 167.1
wave n. 4510
mV
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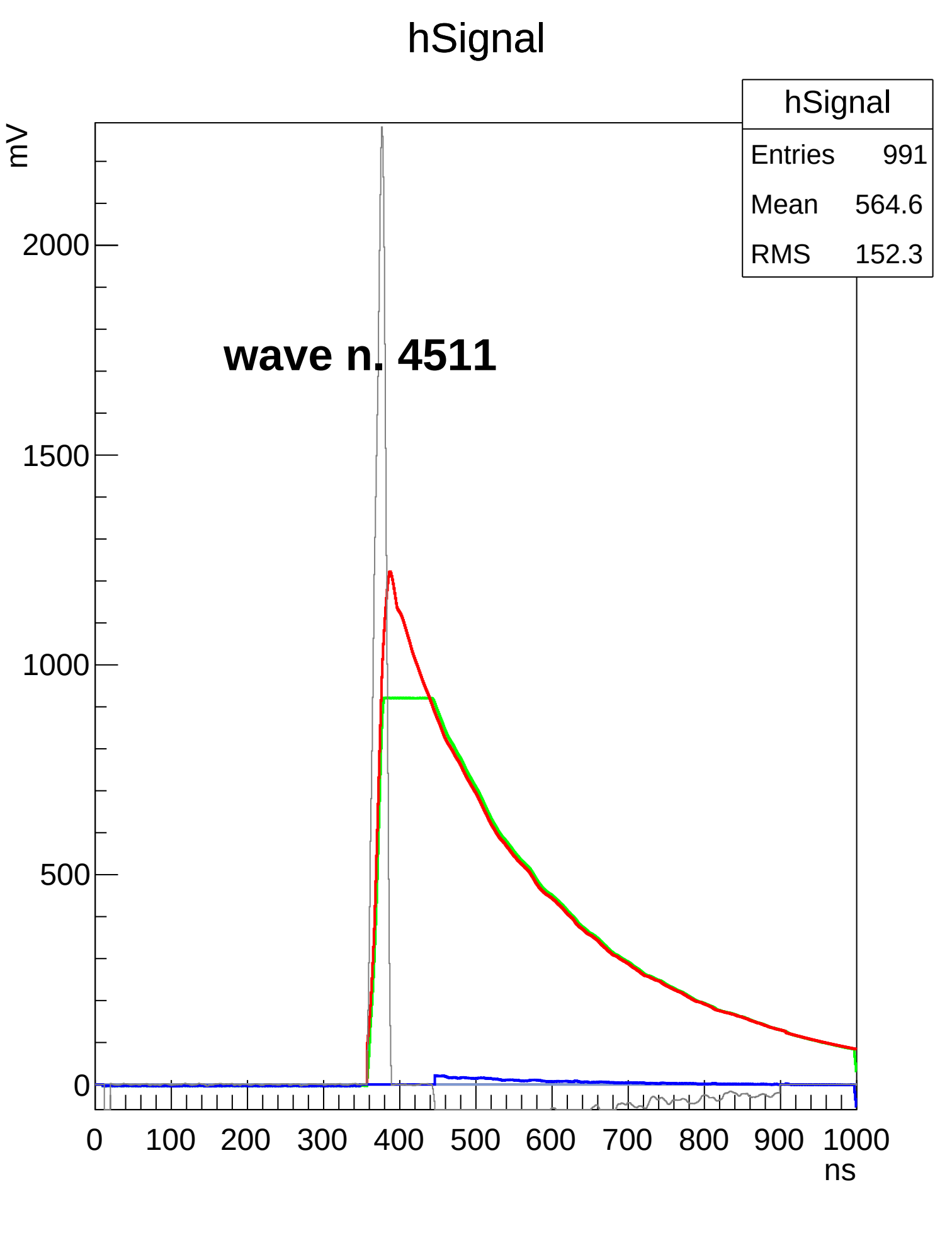
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Entries 991
Mean 564.6
RMS 152.3
wave n. 4511
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0
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400
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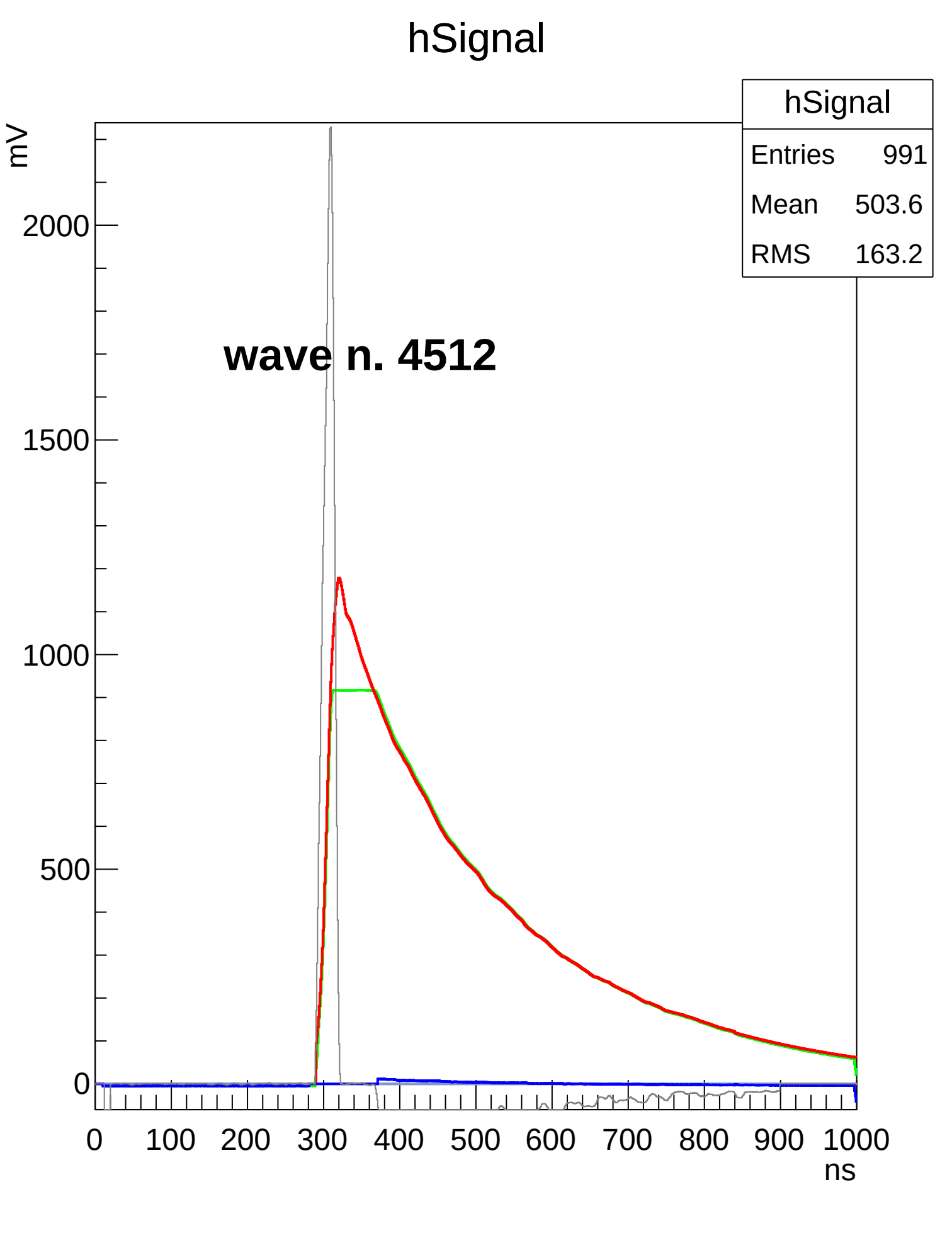
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Mean 503.6
RMS 163.2
wave n. 4512
mV
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0
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400
500
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800
900
1000
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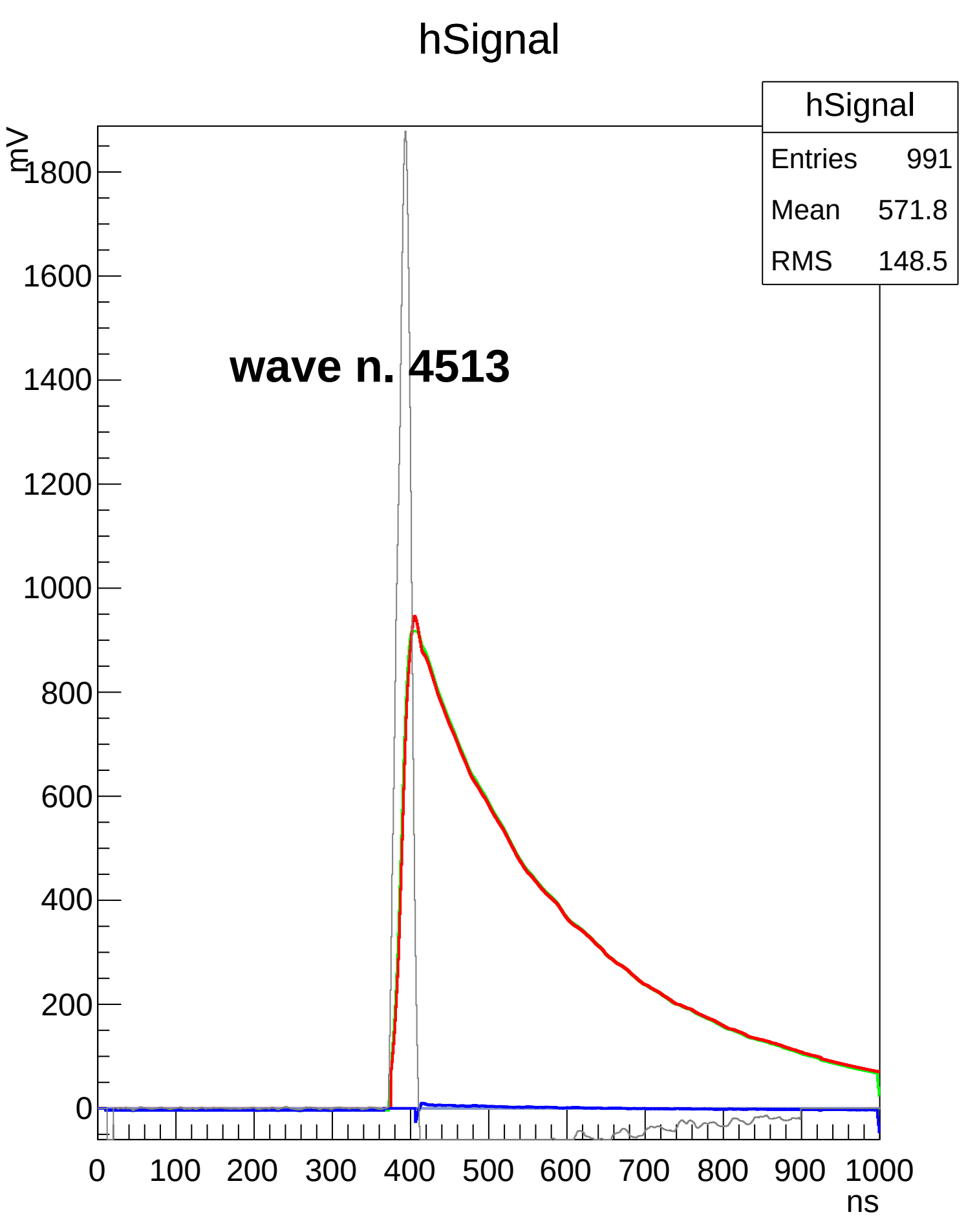
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hSignal
Entries 991
Mean 571.8
RMS 148.5
wave n. 4513
mV
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1000
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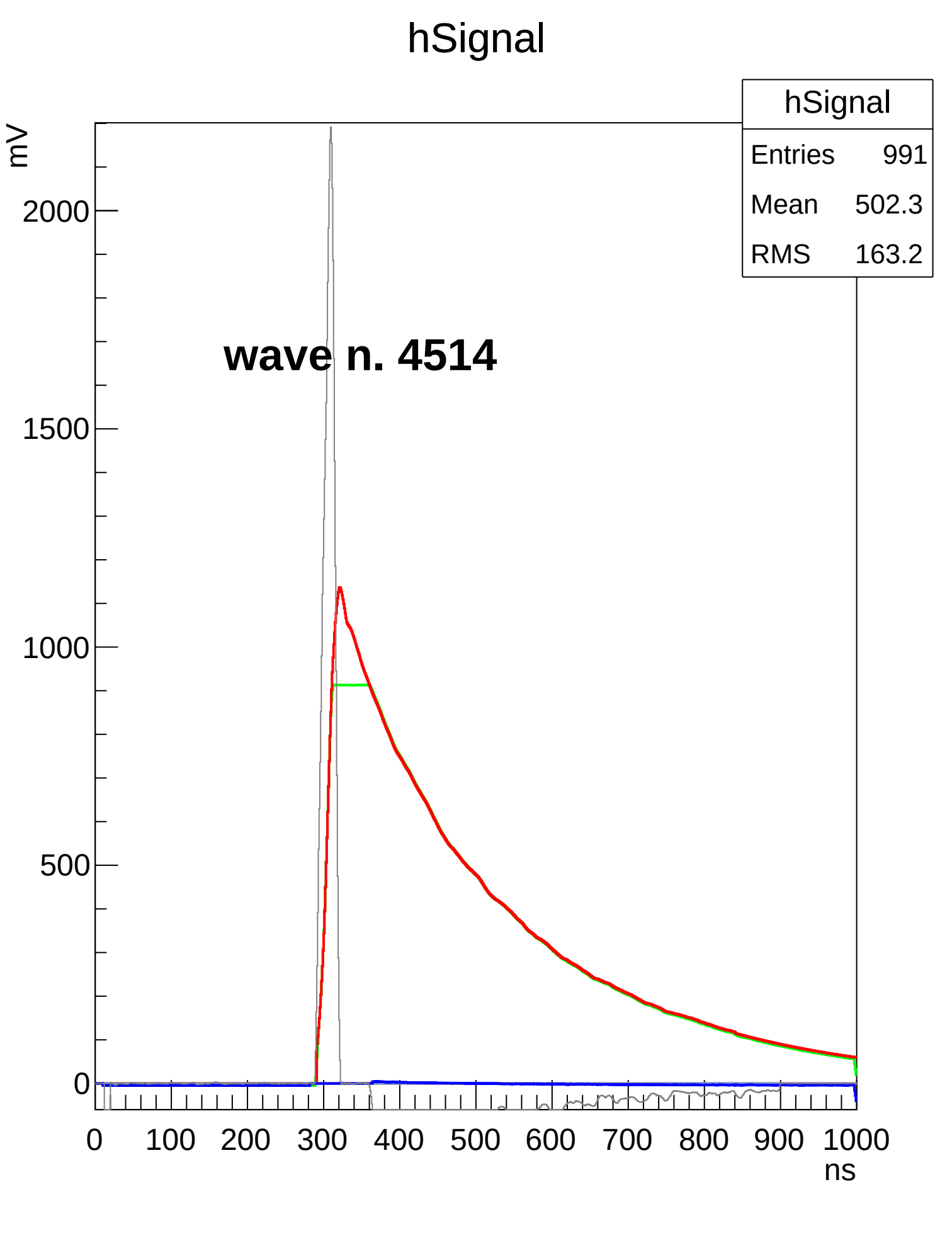
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Entries 991
Mean 502.3
RMS 163.2
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900
1000
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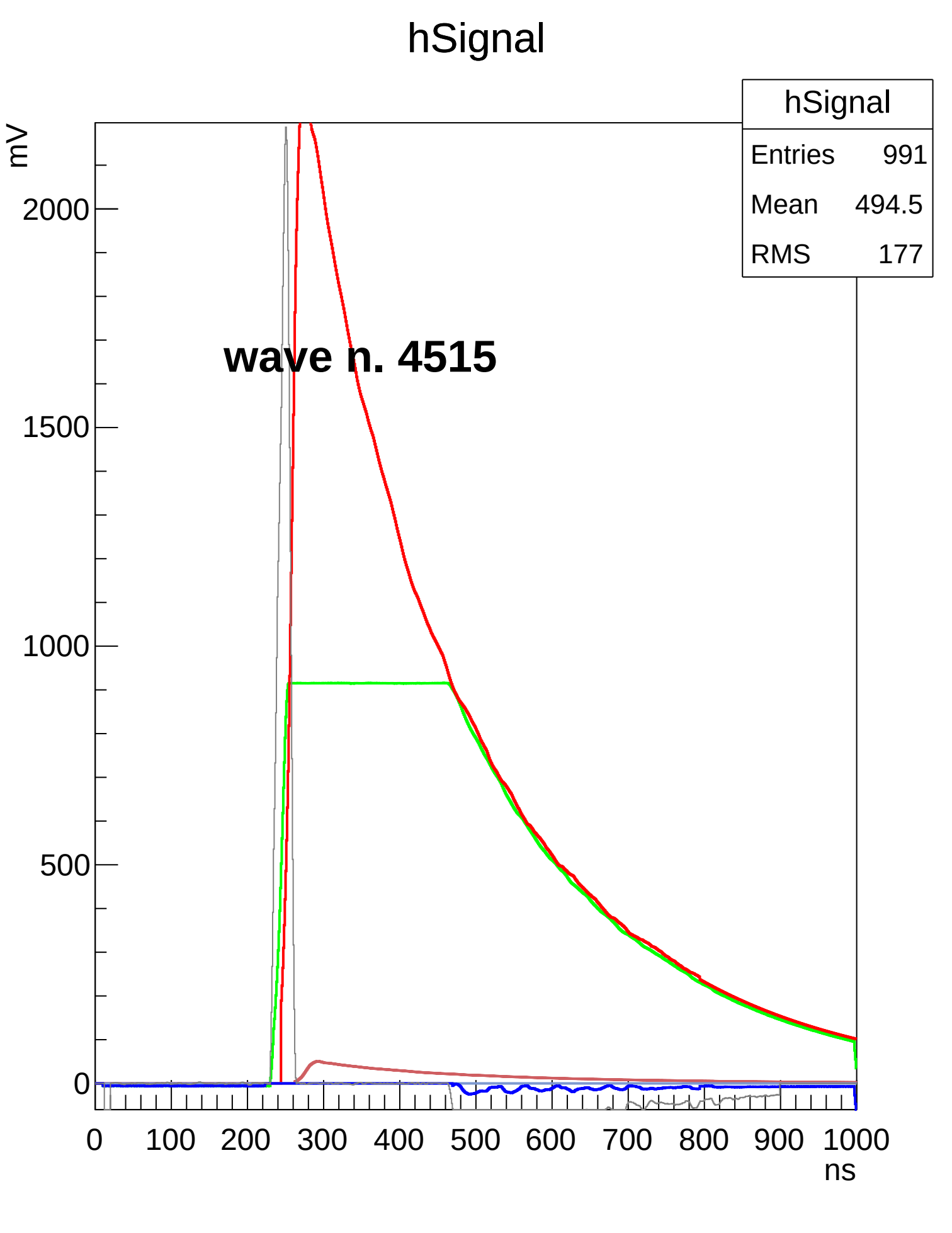
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Entries 991
Mean 494.5
RMS 177
wave n. 4515
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0
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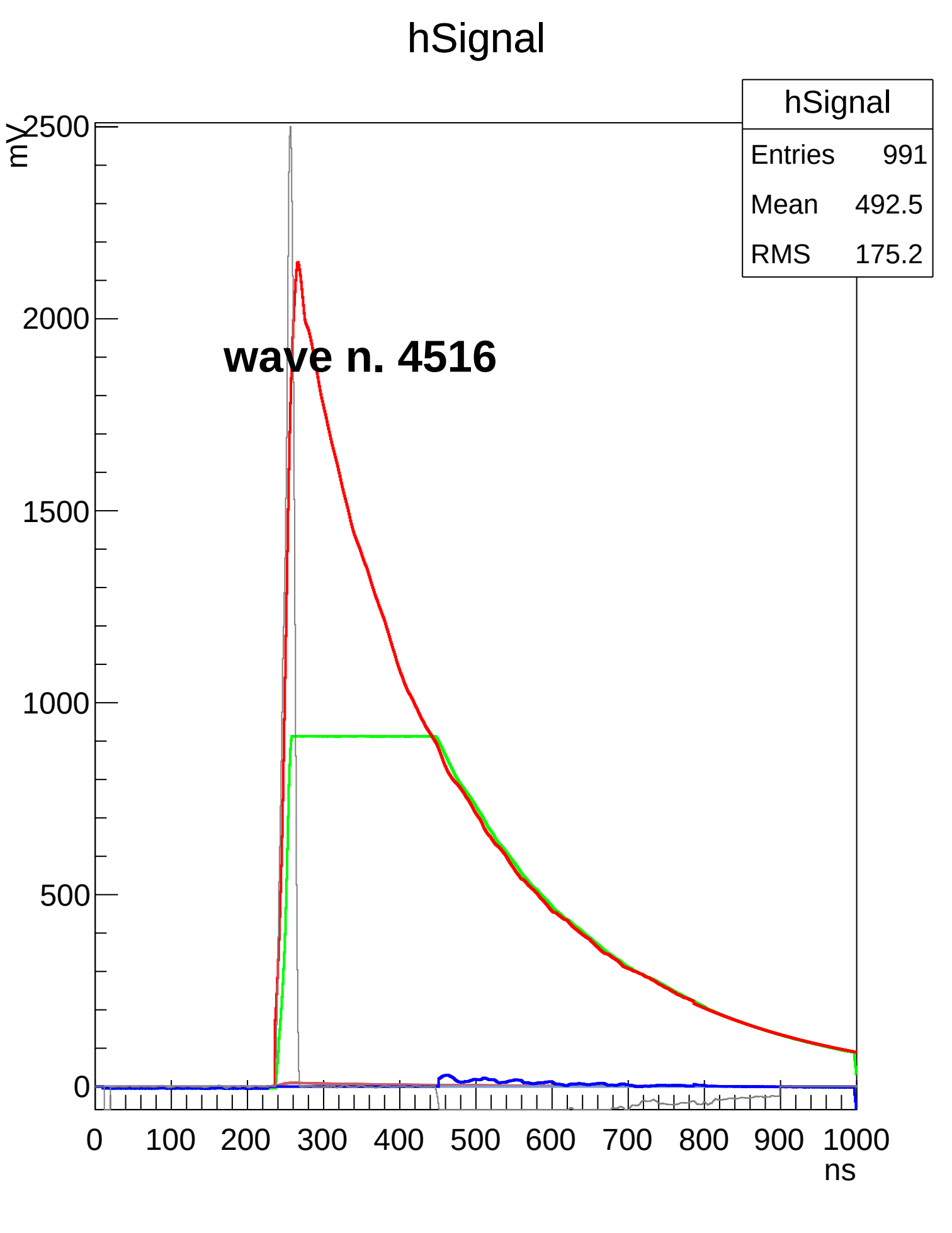
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Mean 492.5
RMS 175.2
wave n. 4516
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400
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1000
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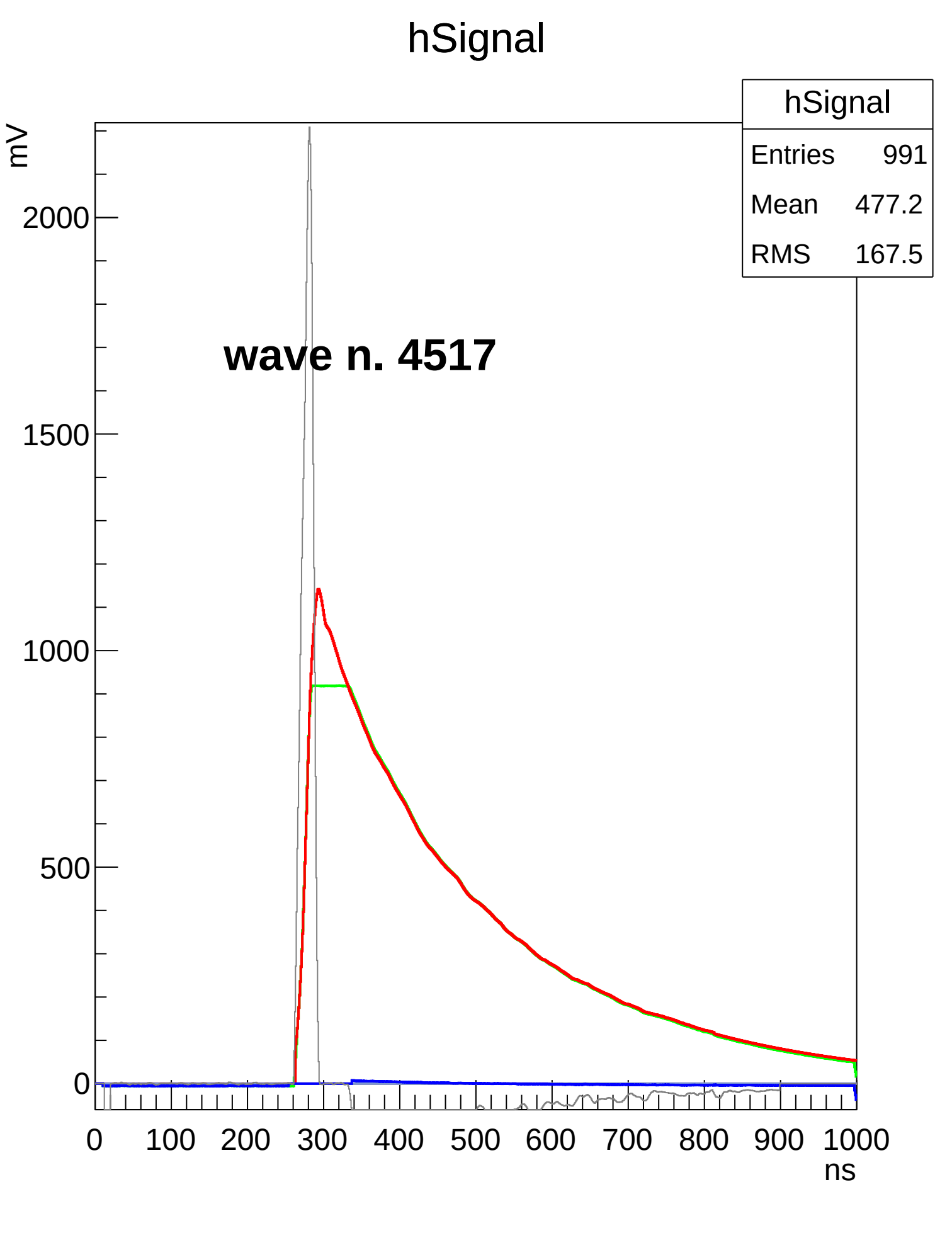
hSignal
hSignal
Entries 991
Mean 477.2
RMS 167.5
wave n. 4517
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0
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800
900
1000
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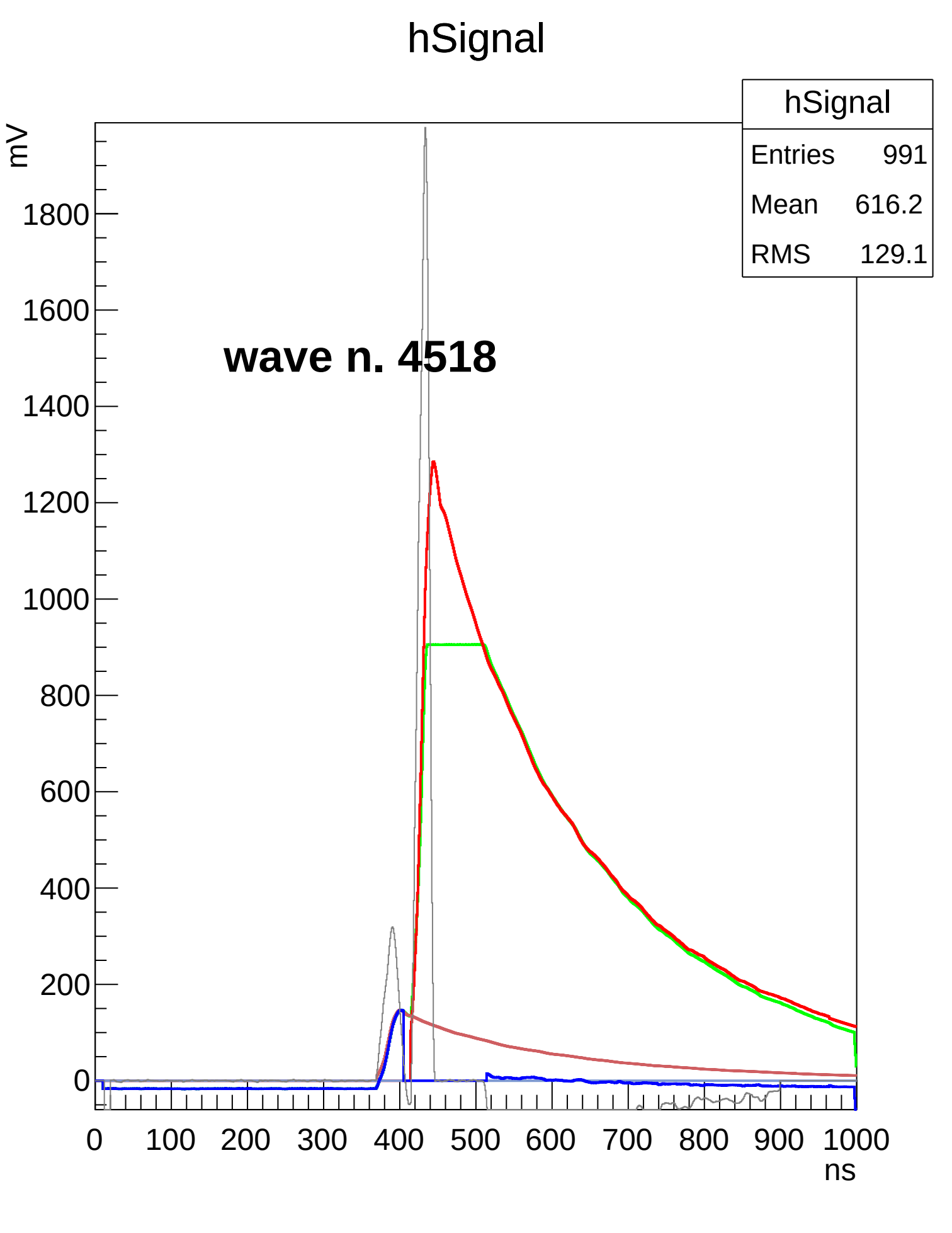
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hSignal
Entries 991
Mean 616.2
RMS 129.1
wave n. 4518
mV
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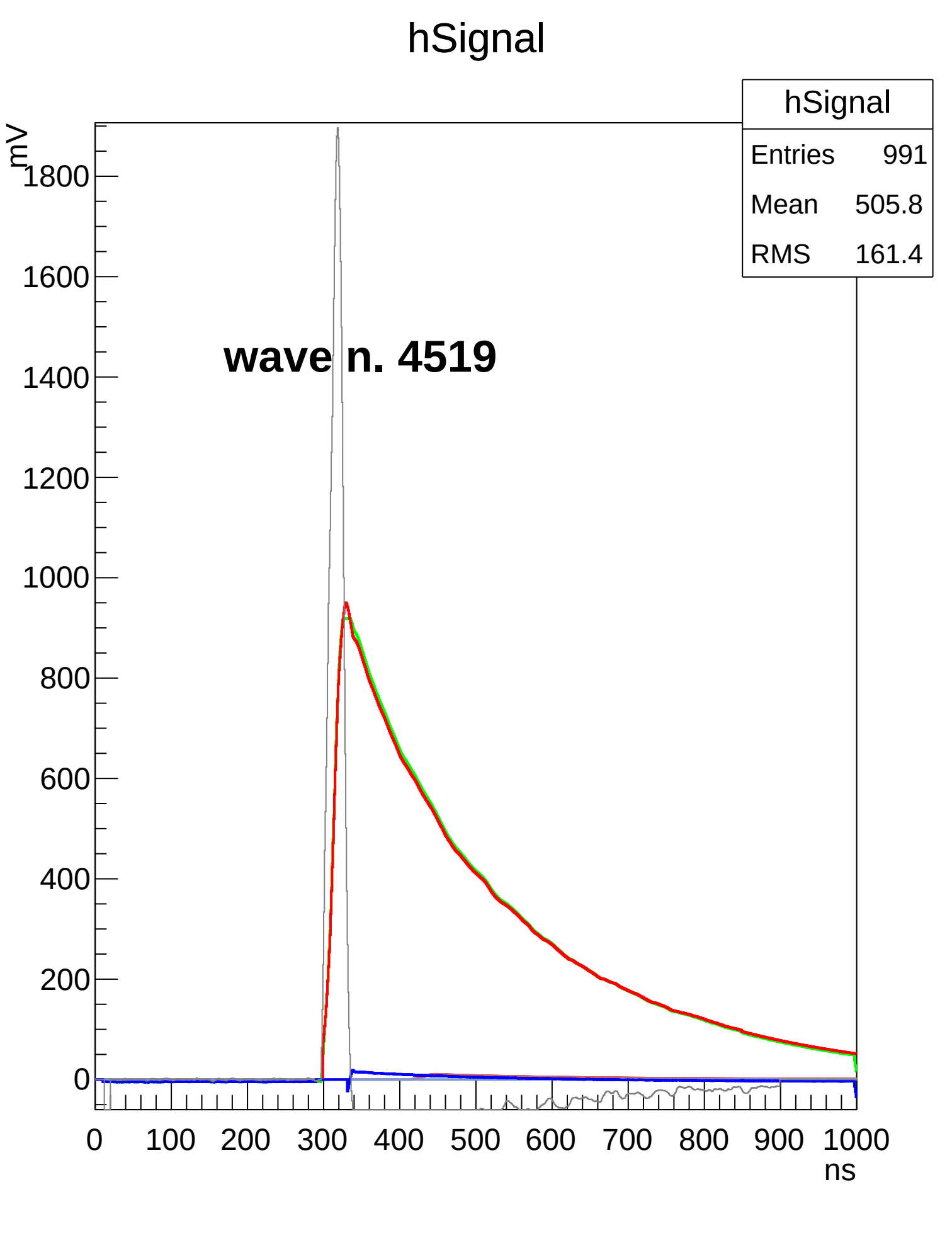
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 505.8
RMS 161.4
wave n. 4519
mV
1800
1600
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600
400
200
0
0
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400
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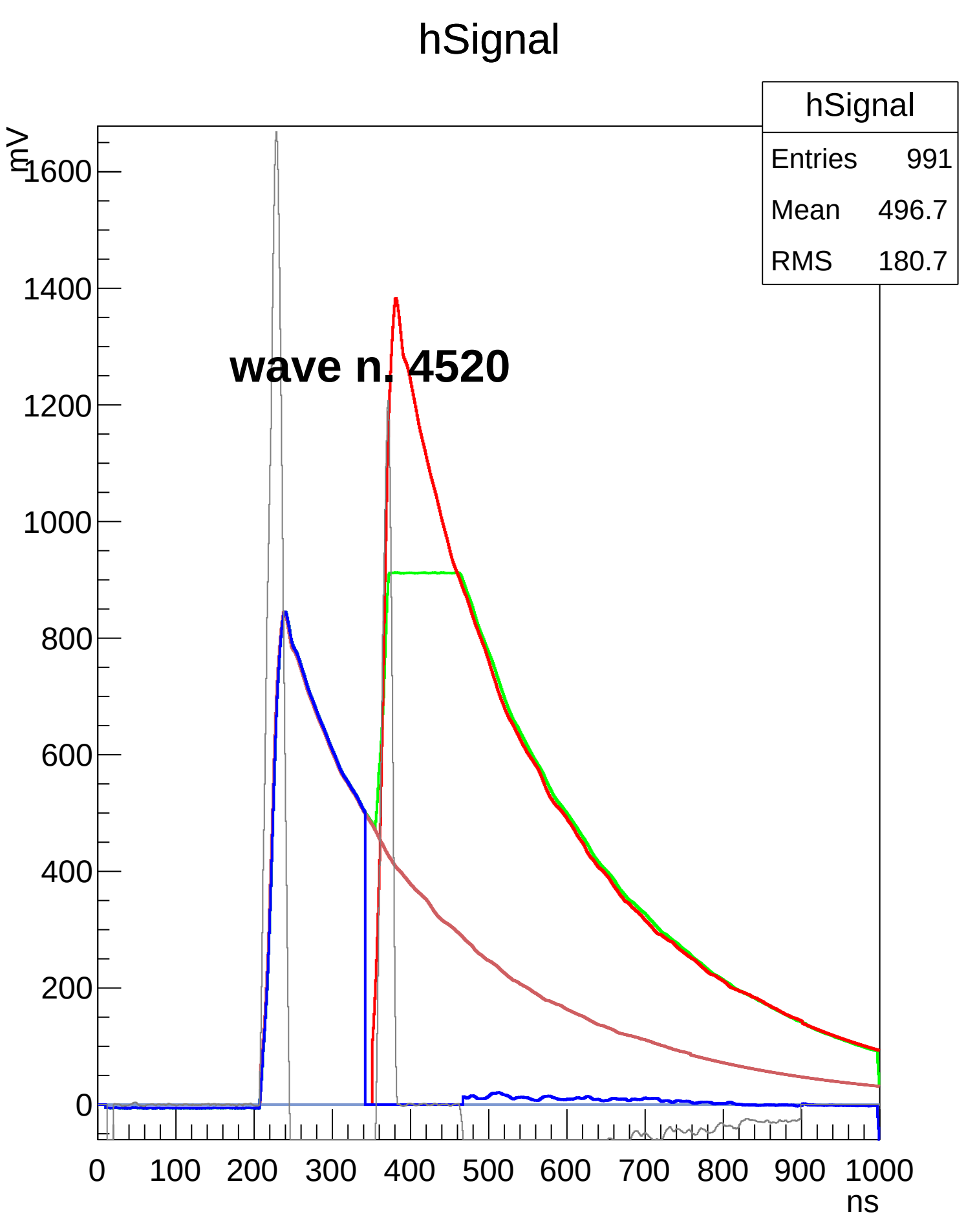
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hSignal
Entries 991
Mean 496.7
RMS 180.7
wave n. 4520
mV
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0
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400
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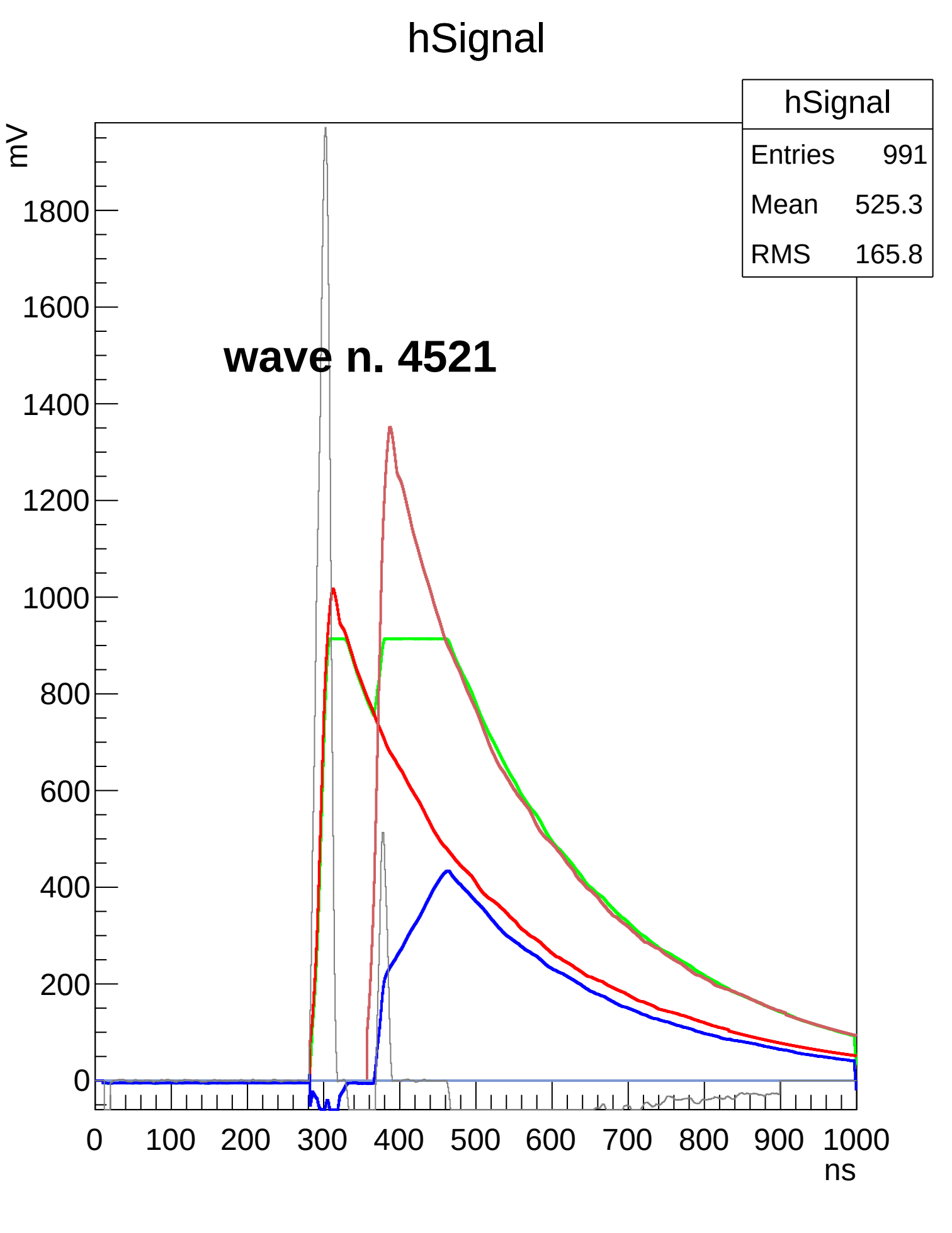
1000
ns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hSignal
Entries 991
Mean 525.3
RMS 165.8
wave n. 4521
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1200
1000
800
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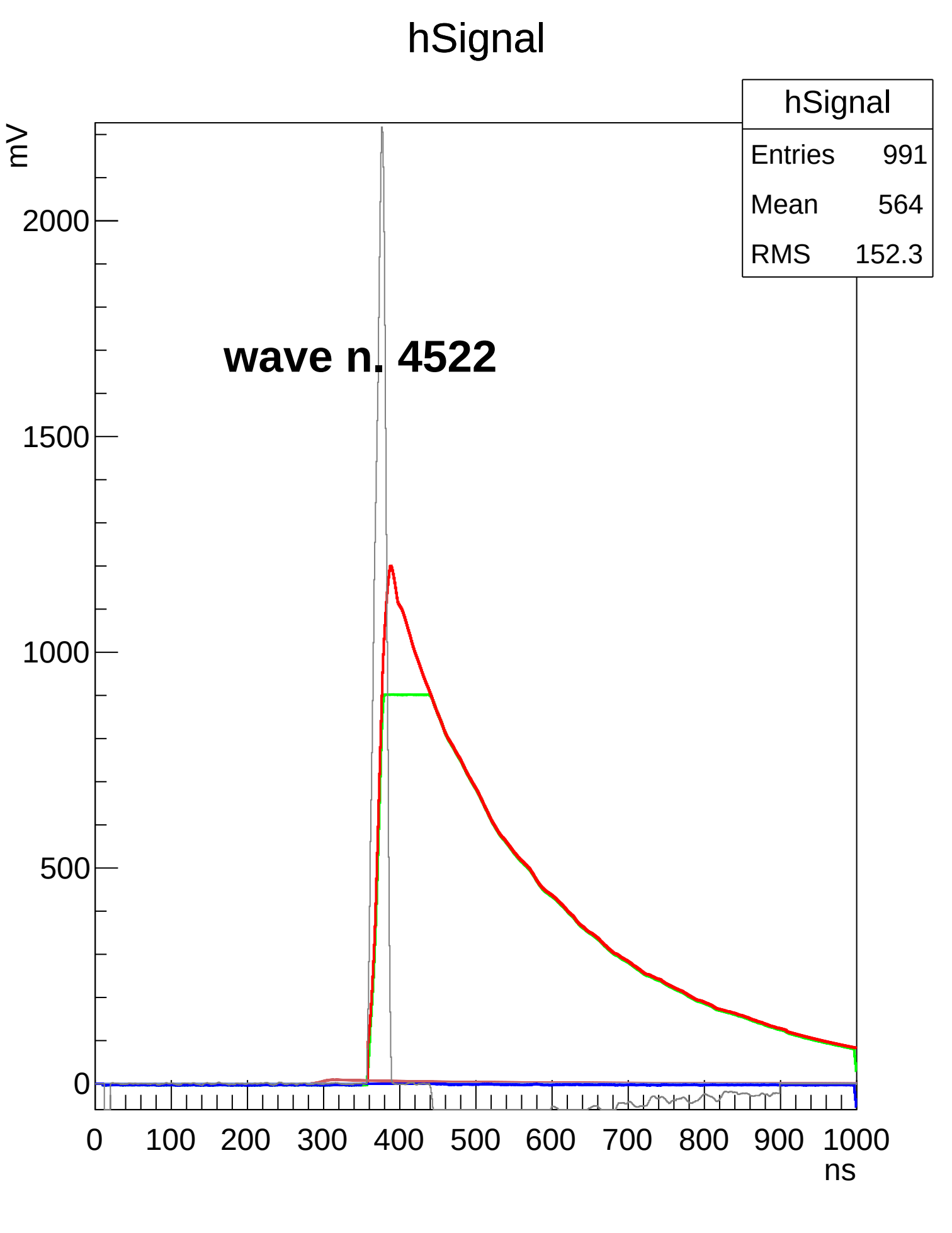
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 564
RMS 152.3
wave n. 4522
mV
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0
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800
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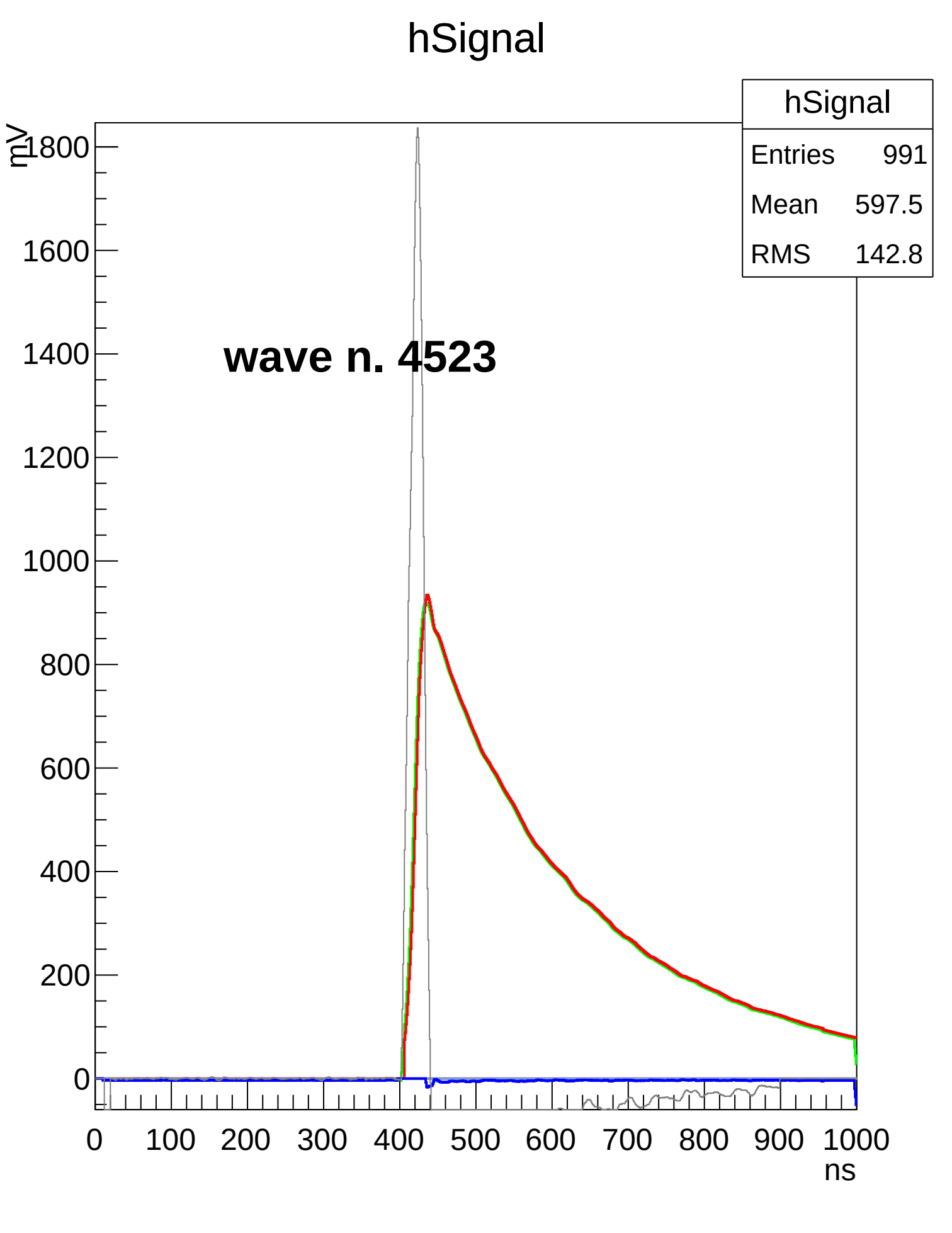
hSignal
hSignal
Entries 991
Mean 597.5
RMS 142.8
wave n. 4523
mV
1800
1600
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400
200
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0
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1000
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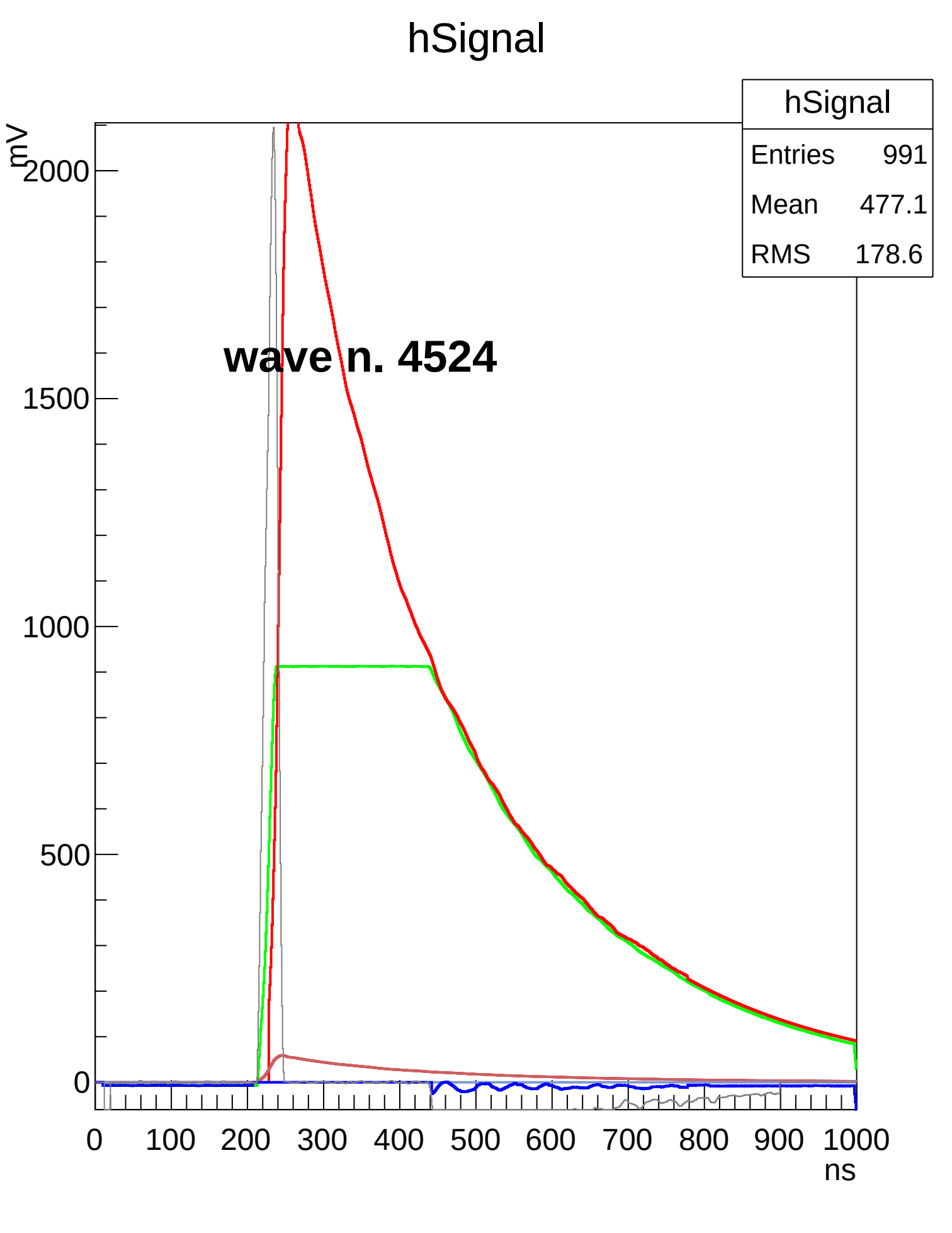
hSignal
hSignal
Entries 991
Mean 477.1
RMS 178.6
wave n. 4524
mV
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1000
500
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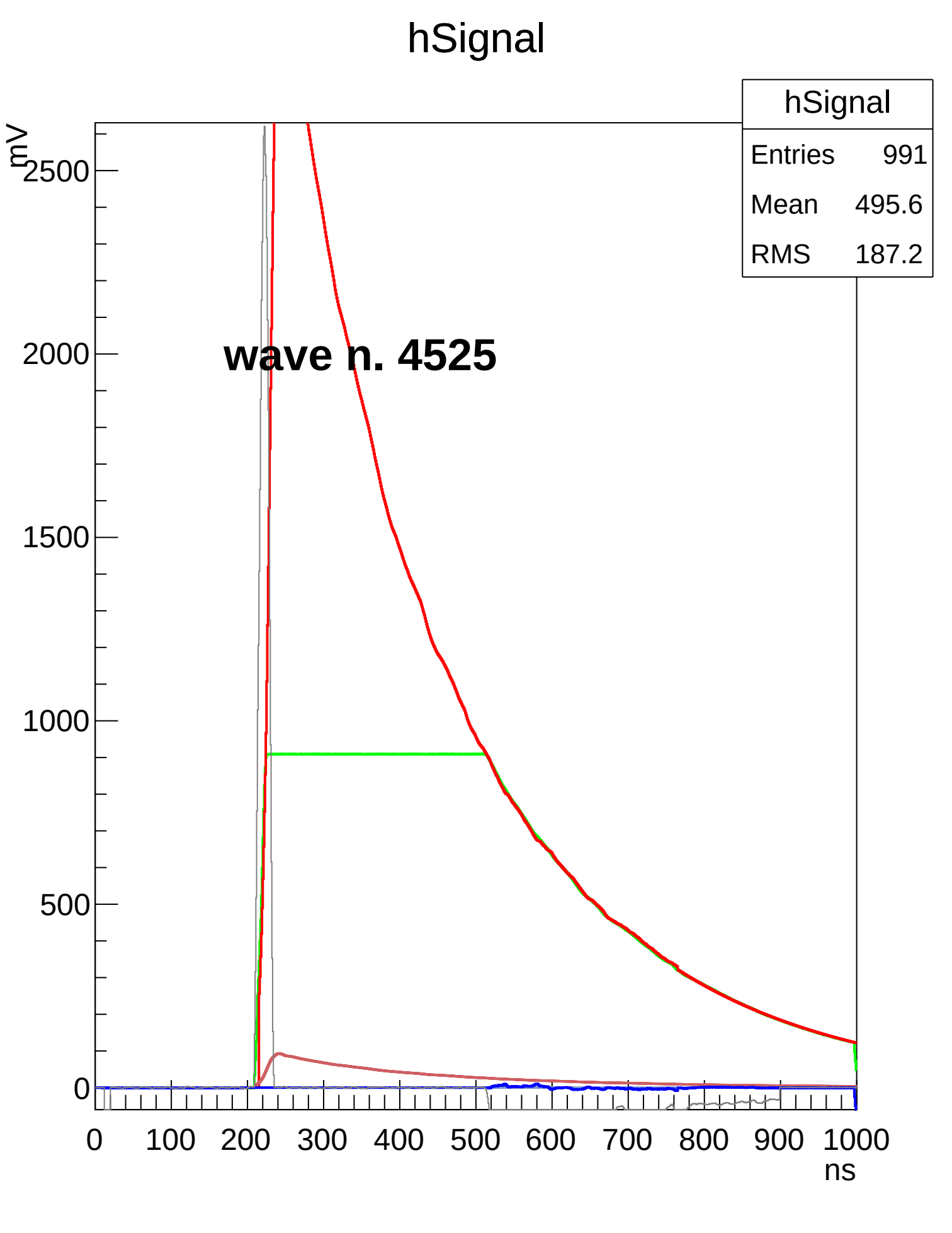
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 495.6
RMS 187.2
wave n. 4525
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1000
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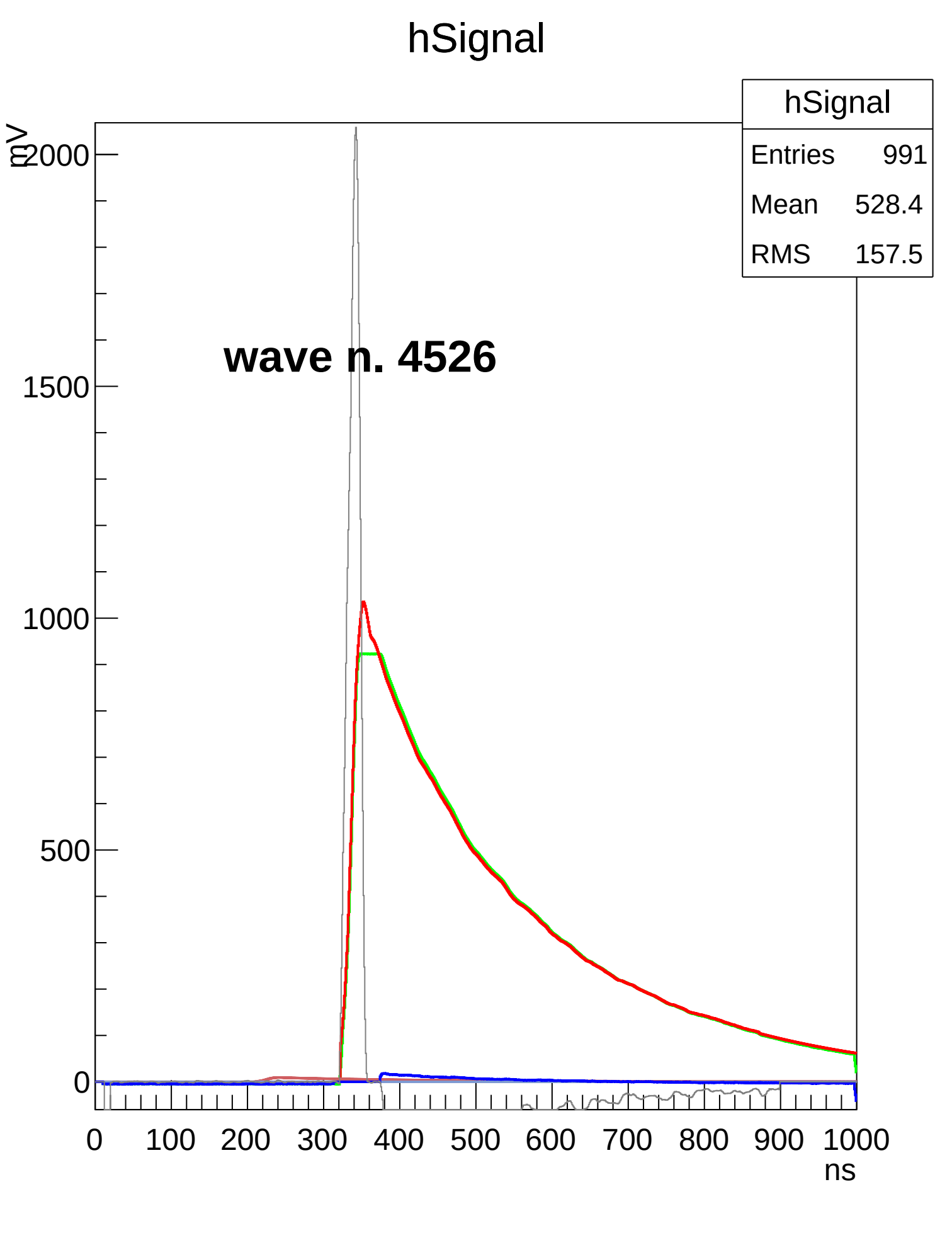
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hSignal
Entries 991
Mean 528.4
RMS 157.5
wave n. 4526
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800
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1000
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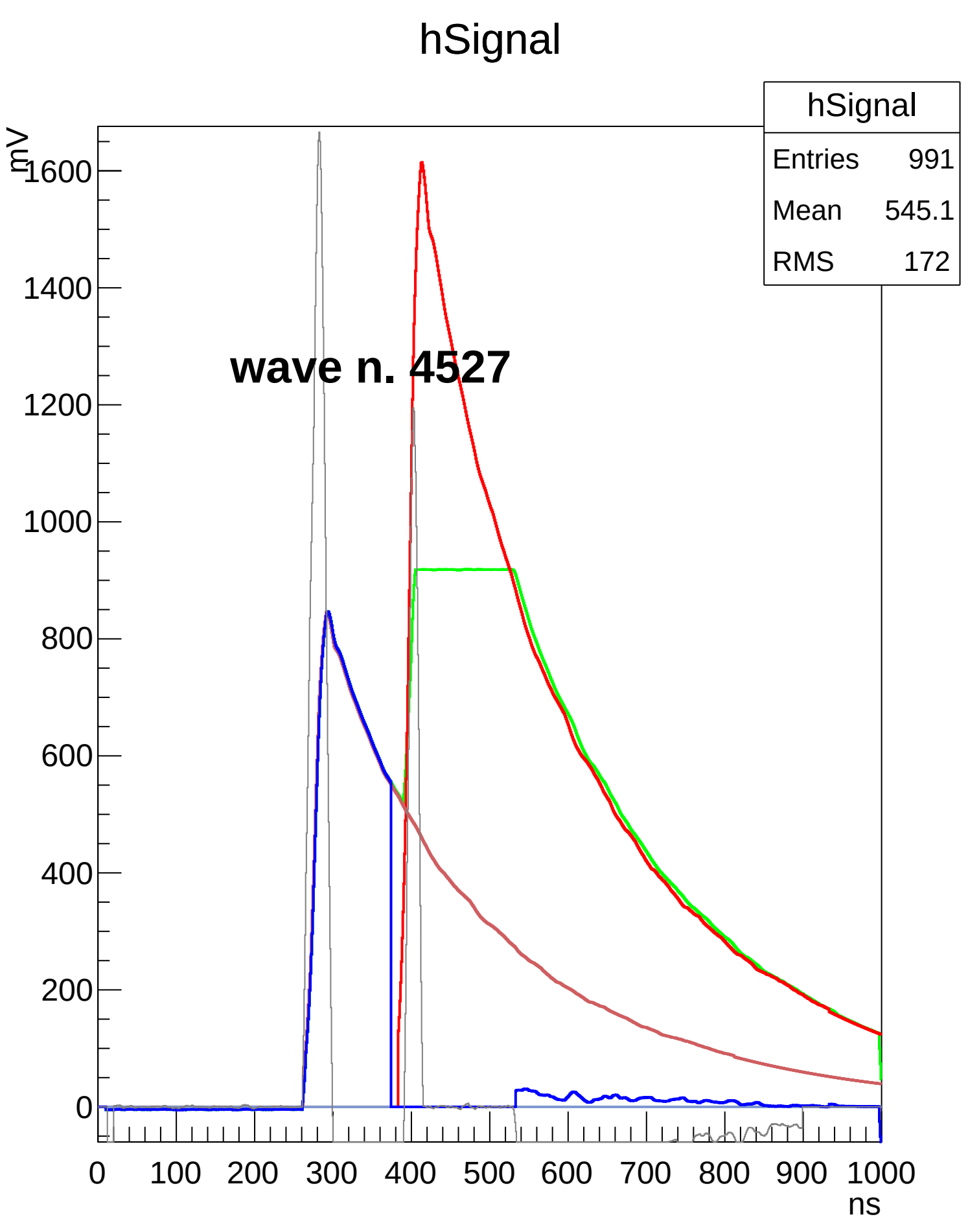
hSignal
hSignal
Entries 991
Mean 545.1
RMS 172
wave n. 4527
mV
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1200
1000
800
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400
200
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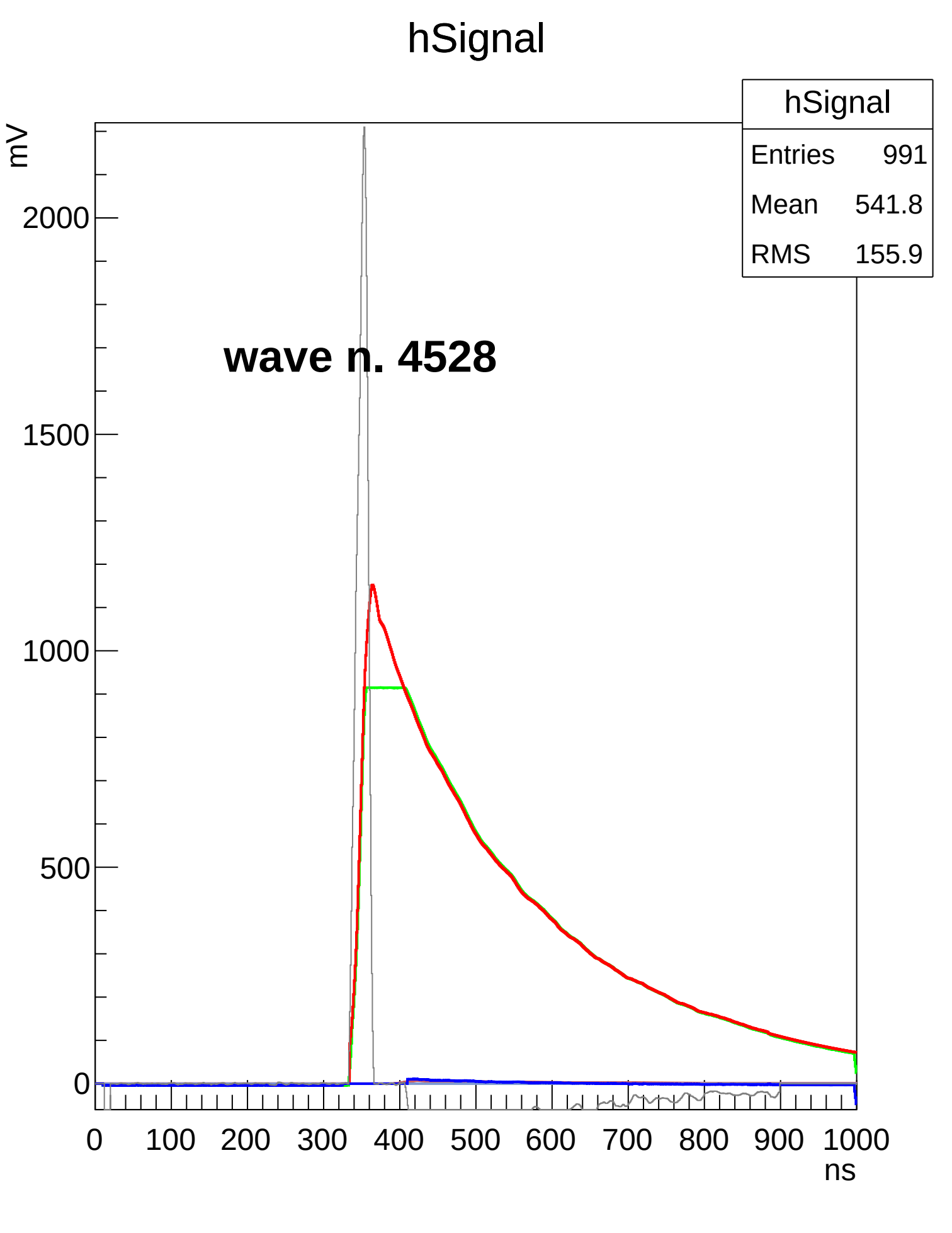
ns


hSignal
hSignal
Entries 991
Mean 541.8
RMS 155.9
wave n. 4528
mV
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1000
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100
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800
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1000
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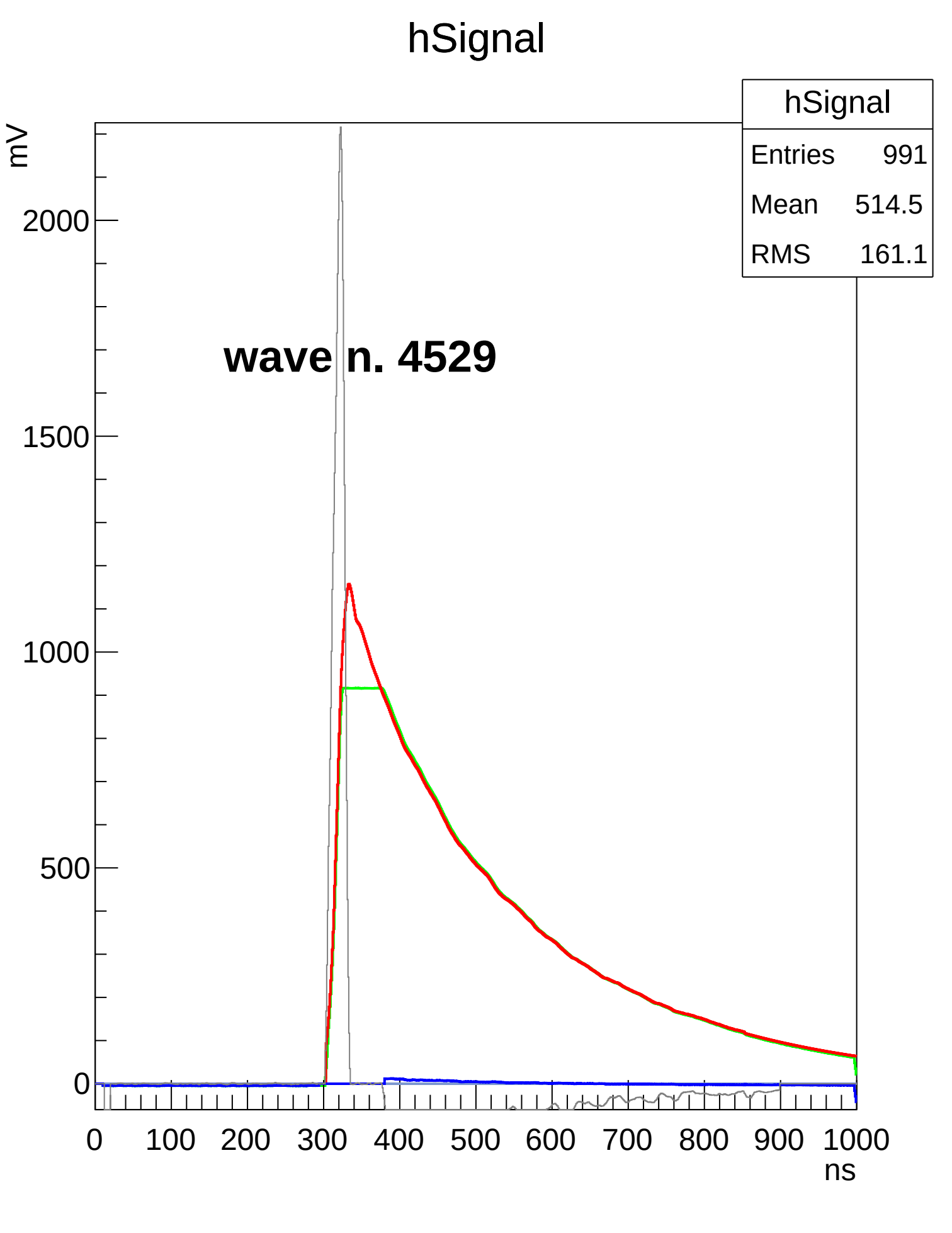
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hSignal
Entries 991
Mean 514.5
RMS 161.1
wave n. 4529
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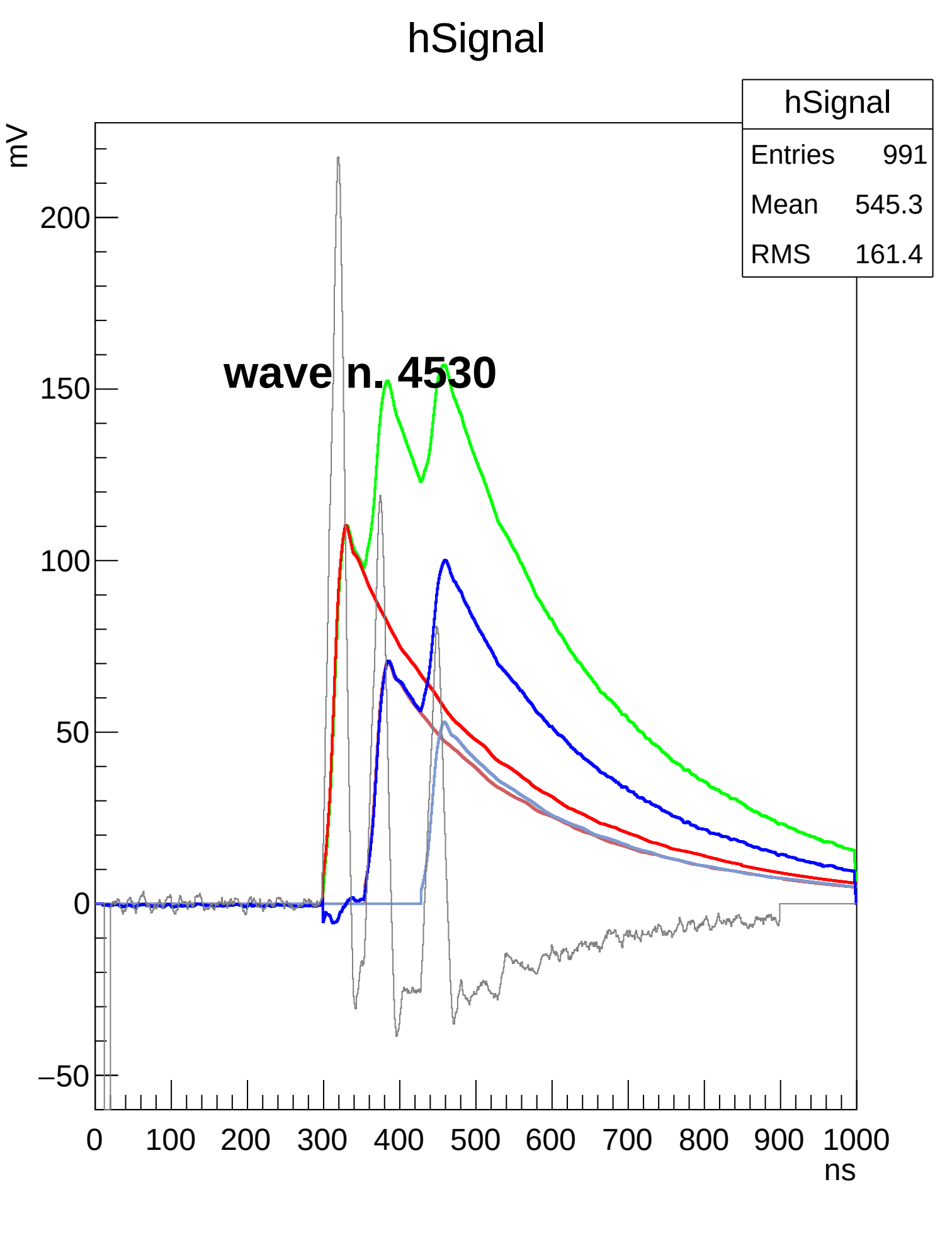
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hSignal
Entries 991
Mean 545.3
RMS 161.4
wave n. 4530
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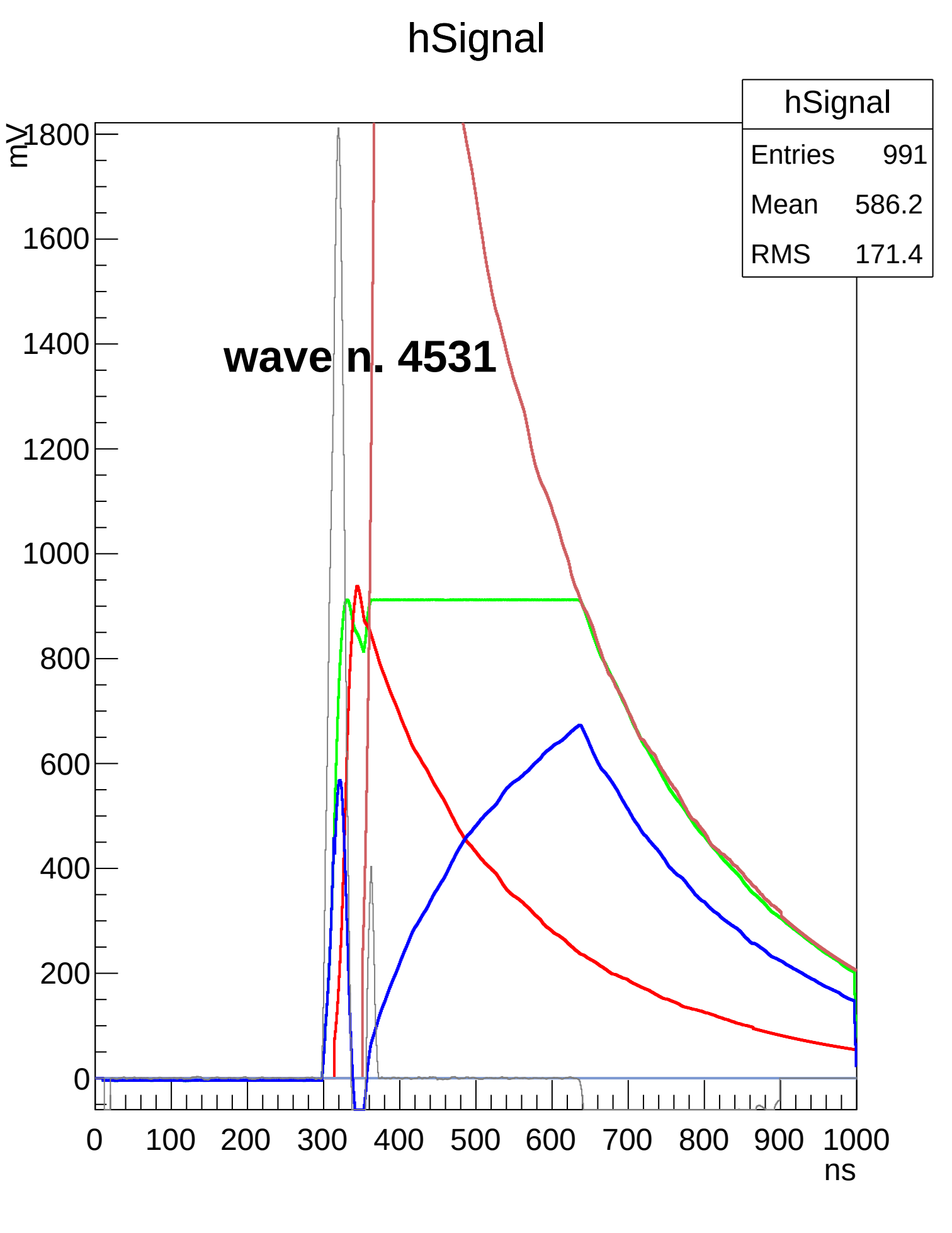
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Entries 991
Mean 586.2
RMS 171.4
wave n. 4531
mV
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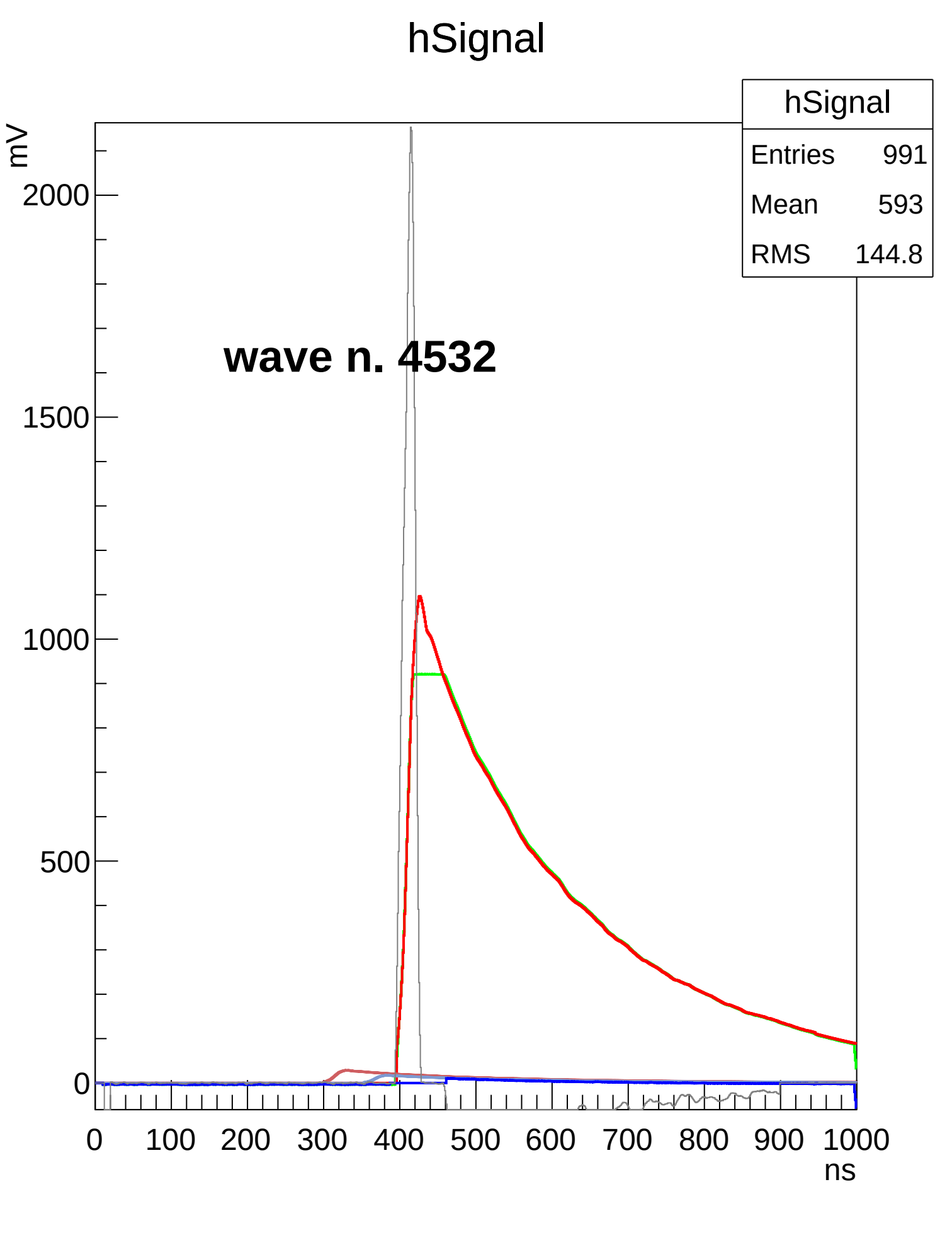
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Entries 991
Mean 593
RMS 144.8
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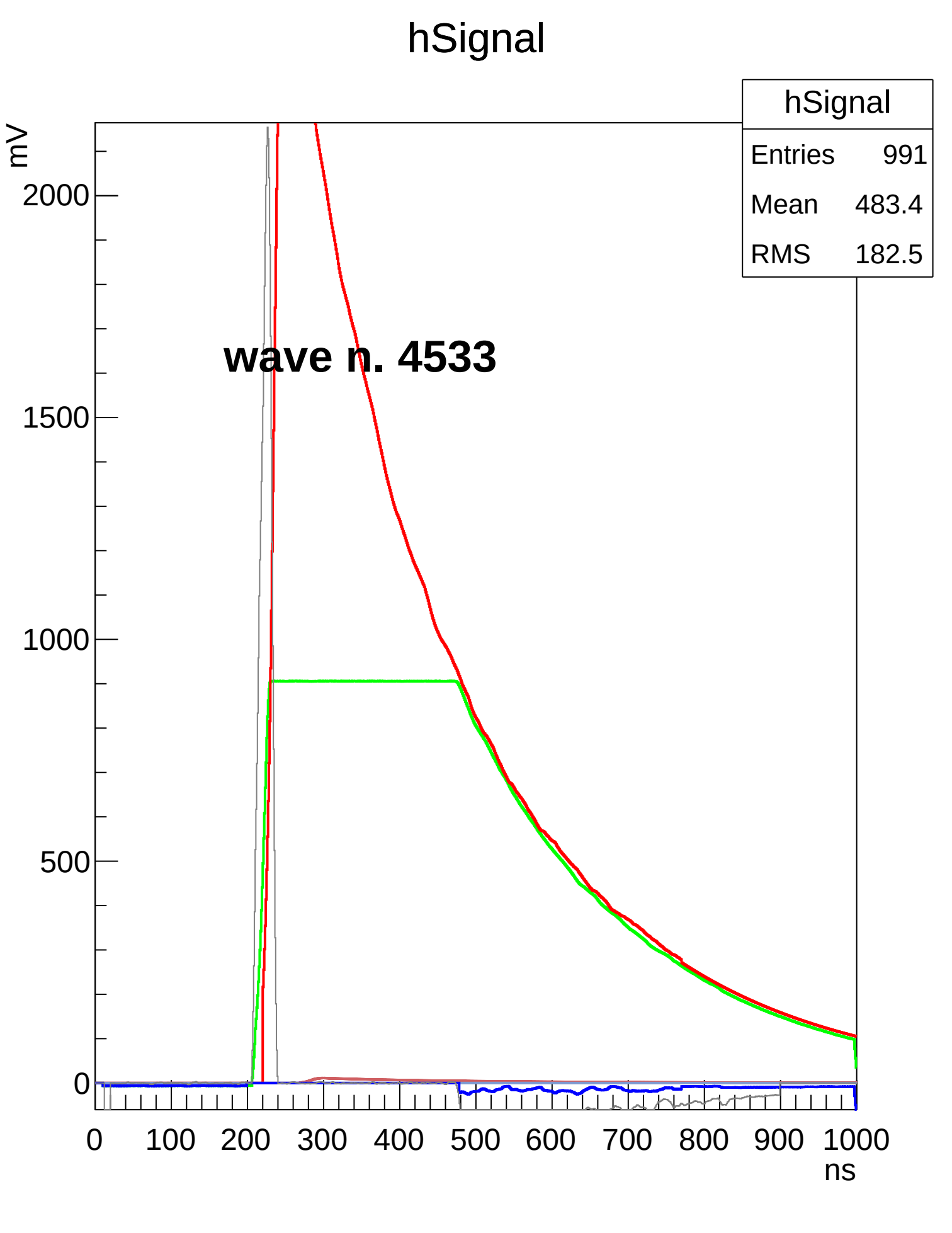
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Entries 991
Mean 483.4
RMS 182.5
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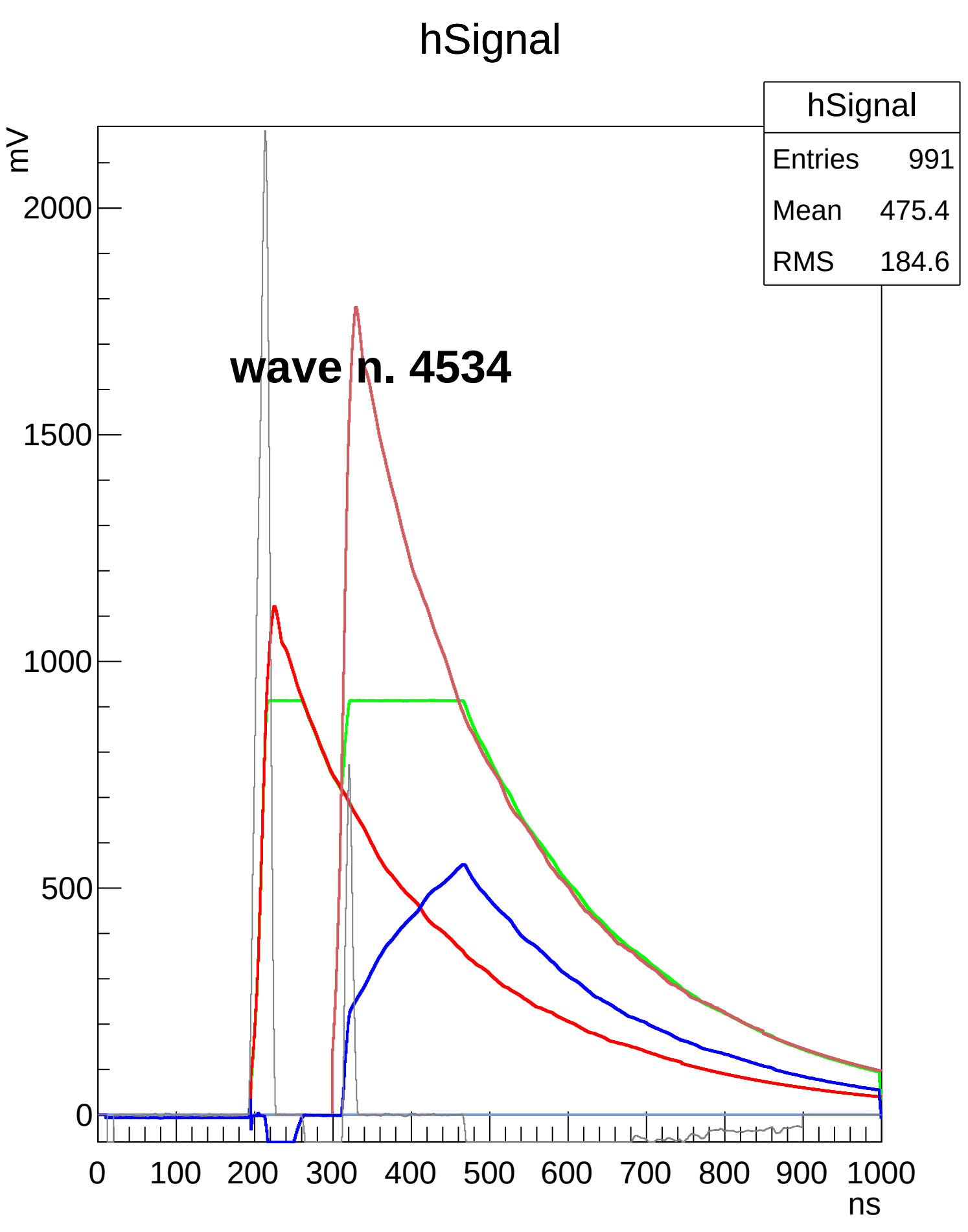
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Entries 991
Mean 475.4
RMS 184.6
wave n. 4534
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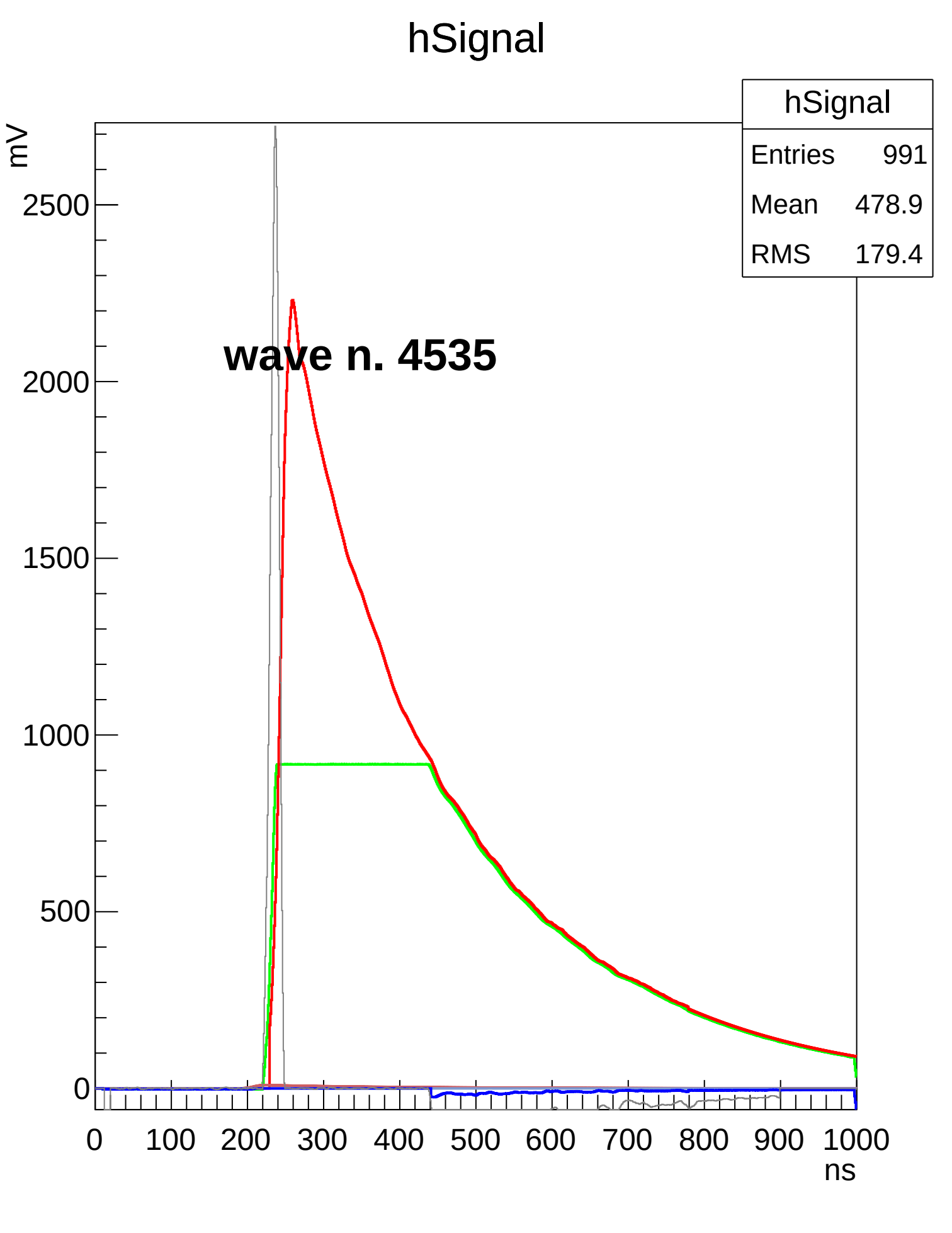
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Entries 991
Mean 478.9
RMS 179.4
wave n. 4535
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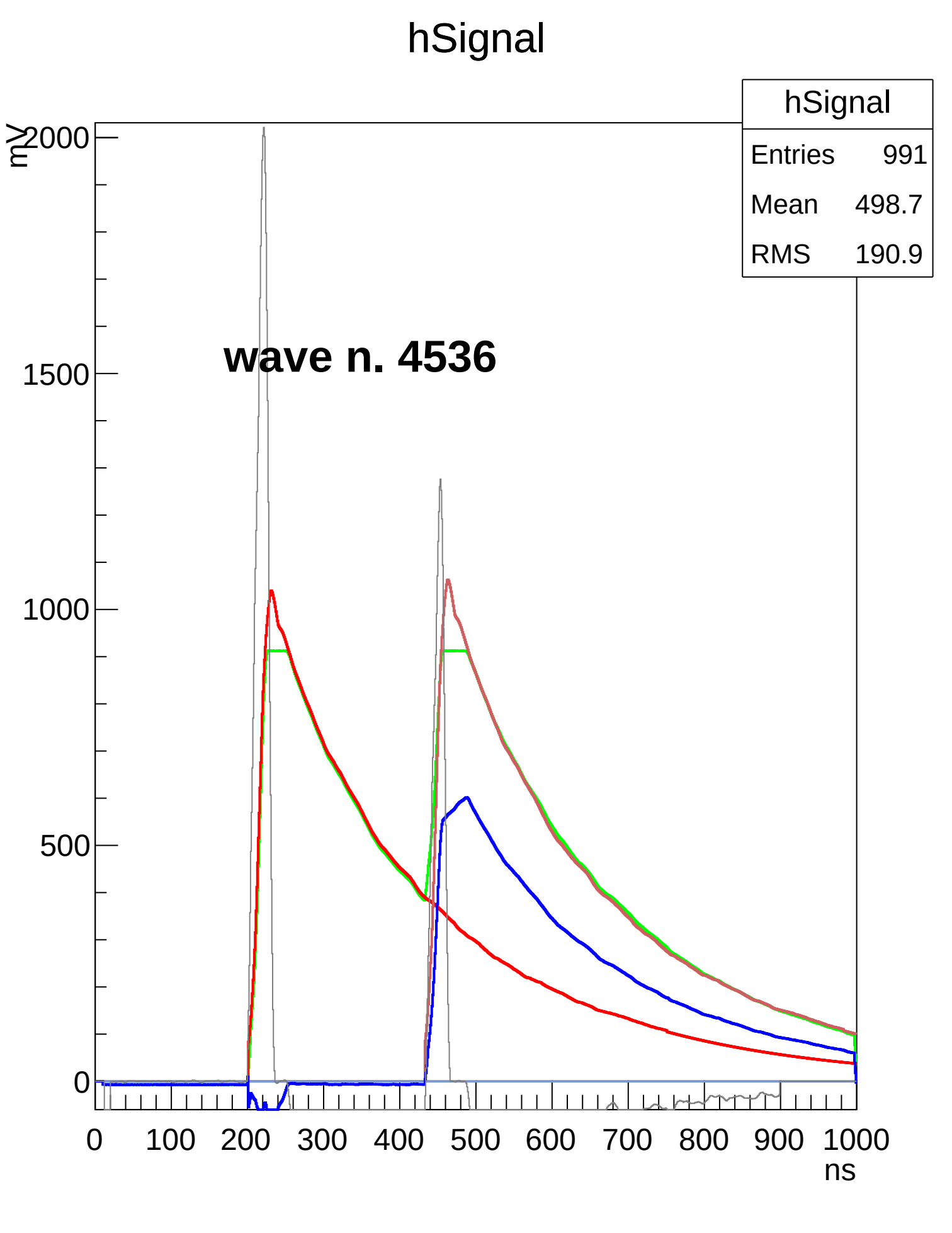
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Entries 991
Mean 498.7
RMS 190.9
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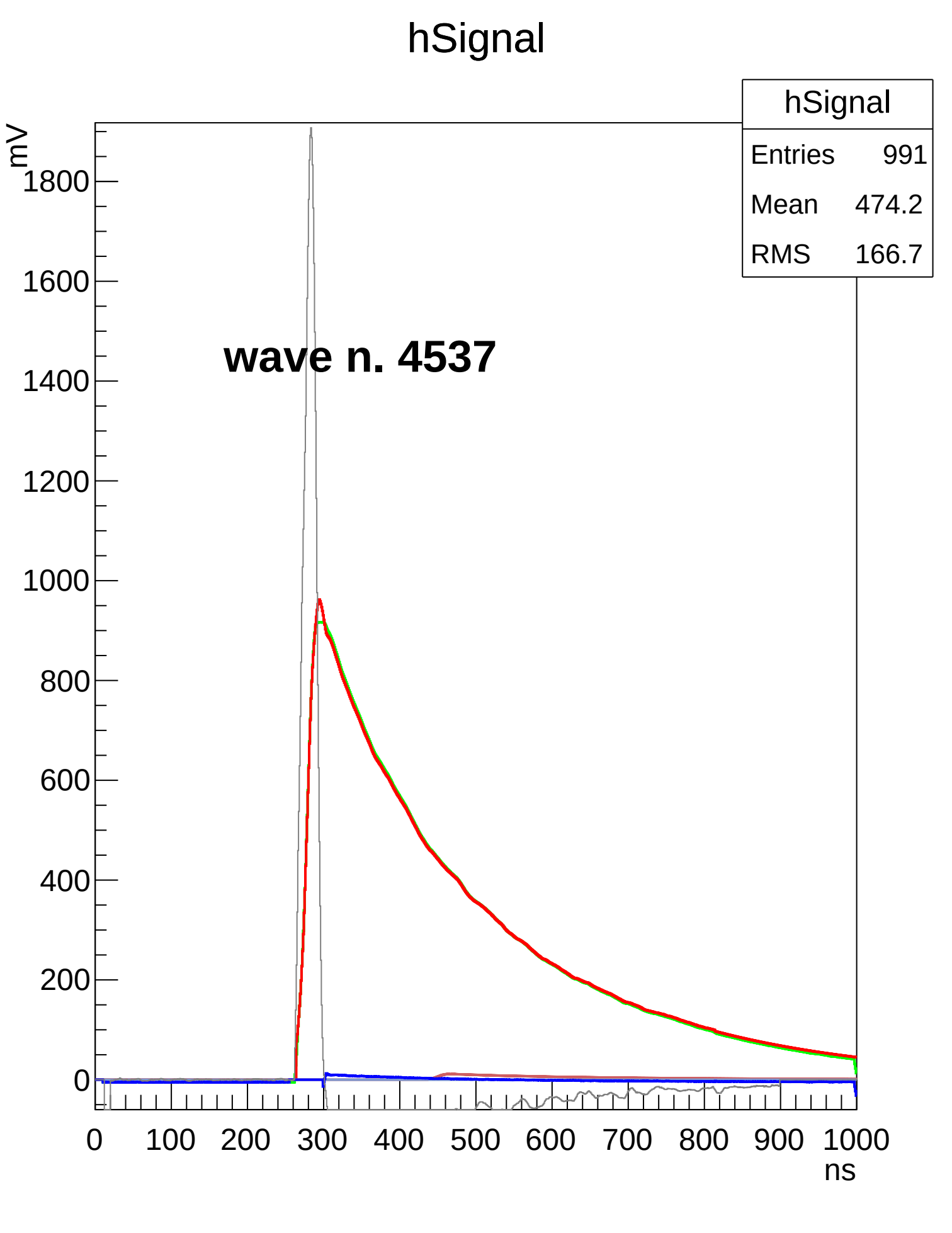
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Entries 991
Mean 474.2
RMS 166.7
wave n. 4537
mV
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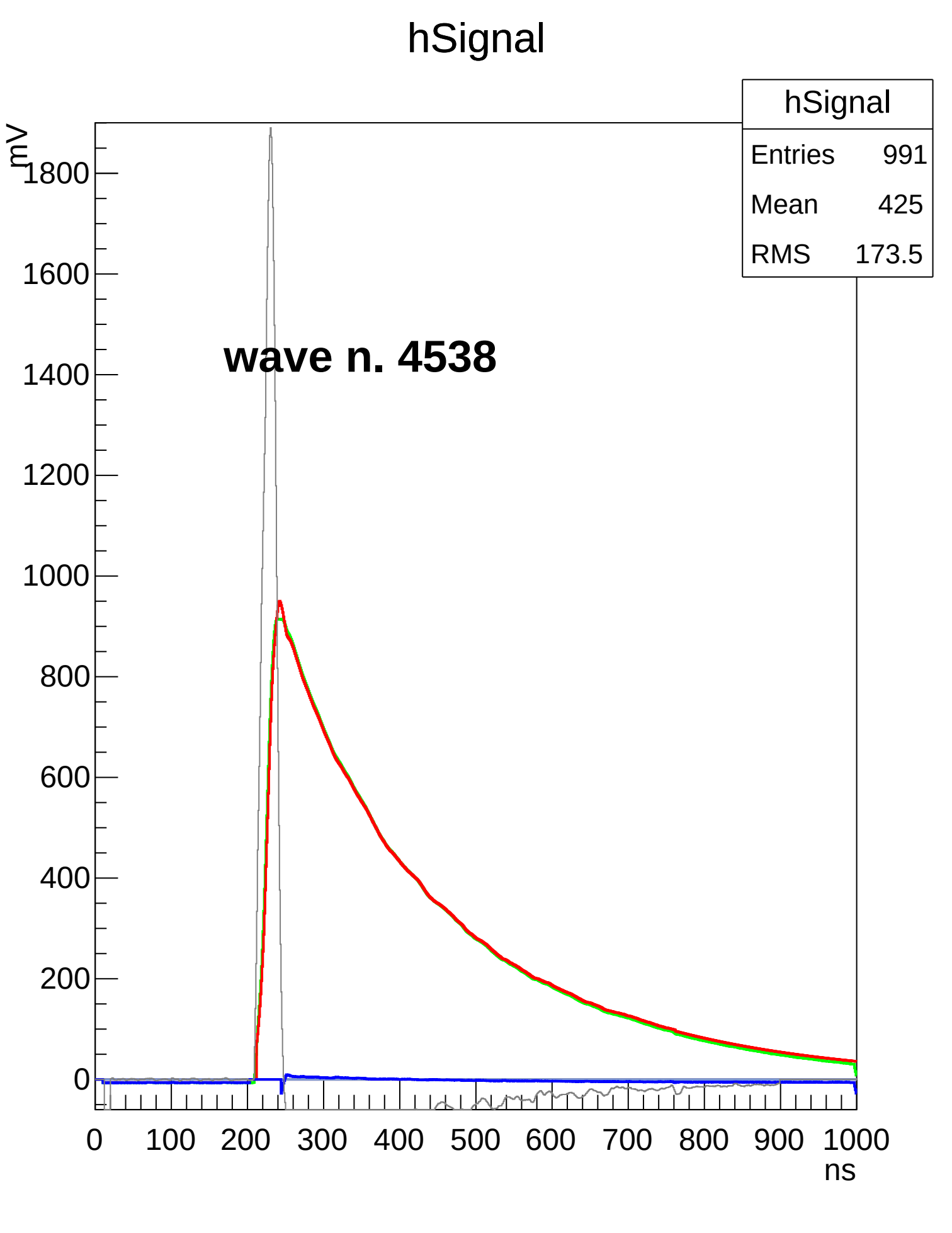
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Entries 991
Mean 425
RMS 173.5
wave n. 4538
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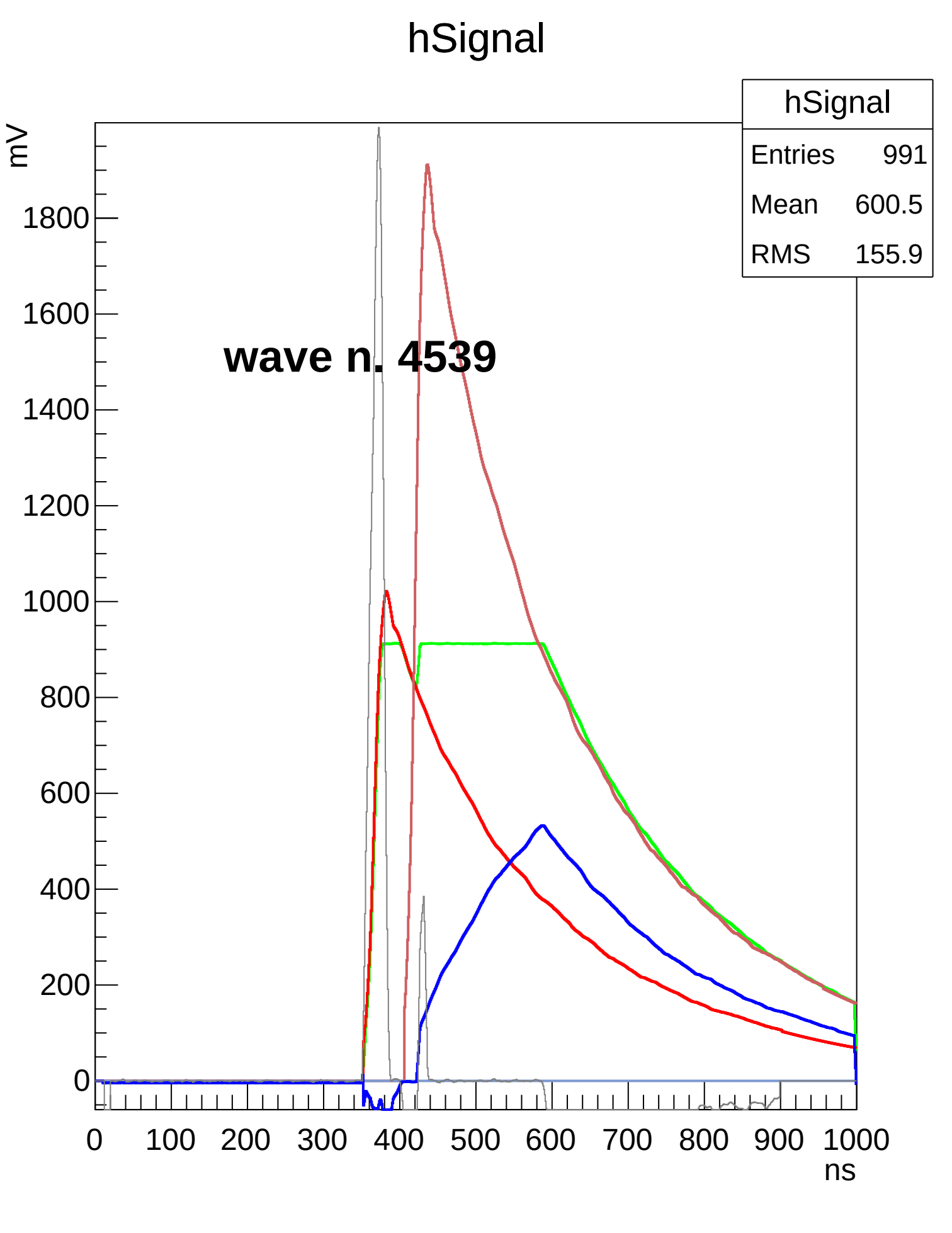
hSignal
hSignal
Entries 991
Mean 600.5
RMS 155.9
wave n. 4539
mV
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1600
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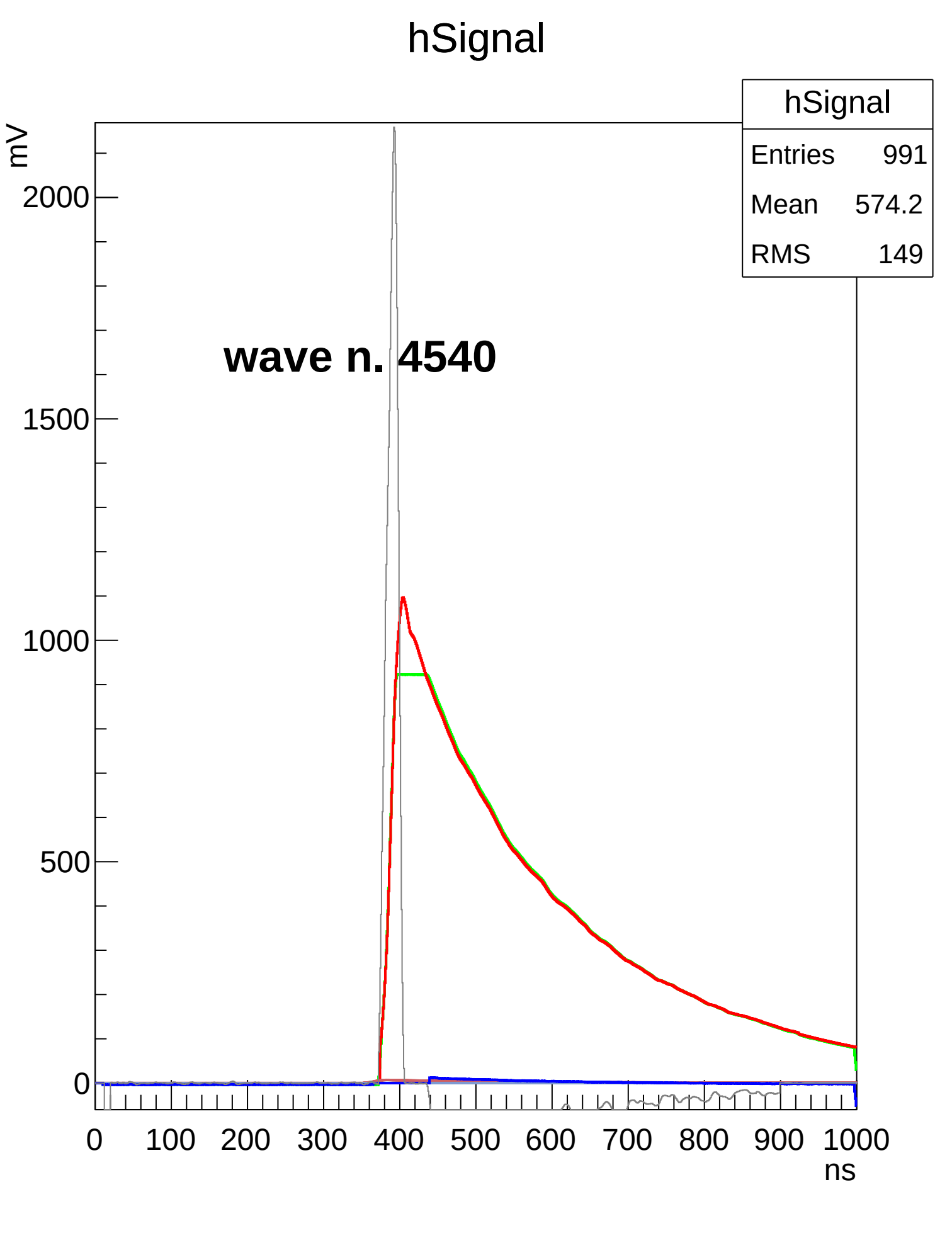
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hSignal
Entries 991
Mean 574.2
RMS 149
wave n. 4540
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1000
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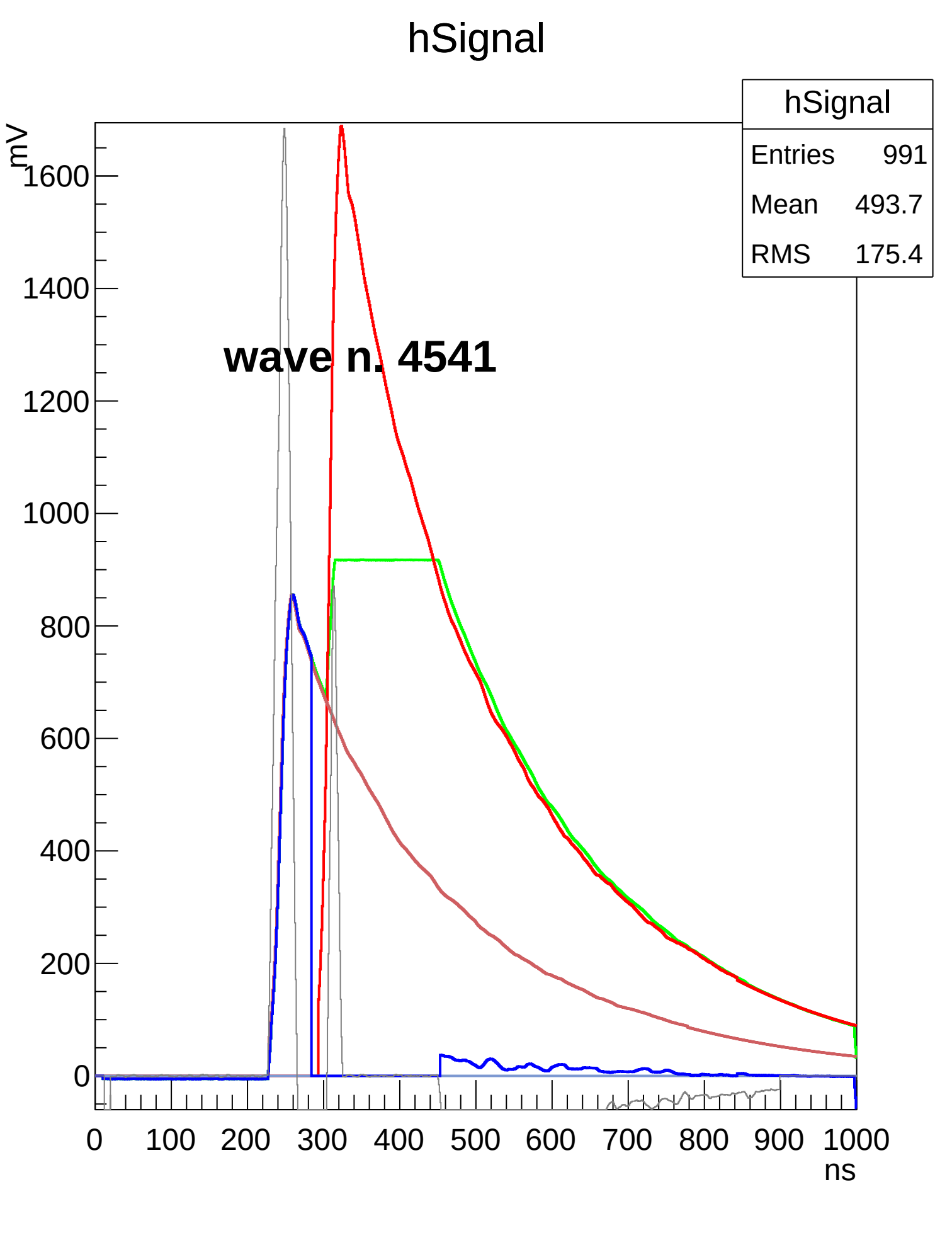
hSignal
hSignal
Entries 991
Mean 493.7
RMS 175.4
wave n. 4541
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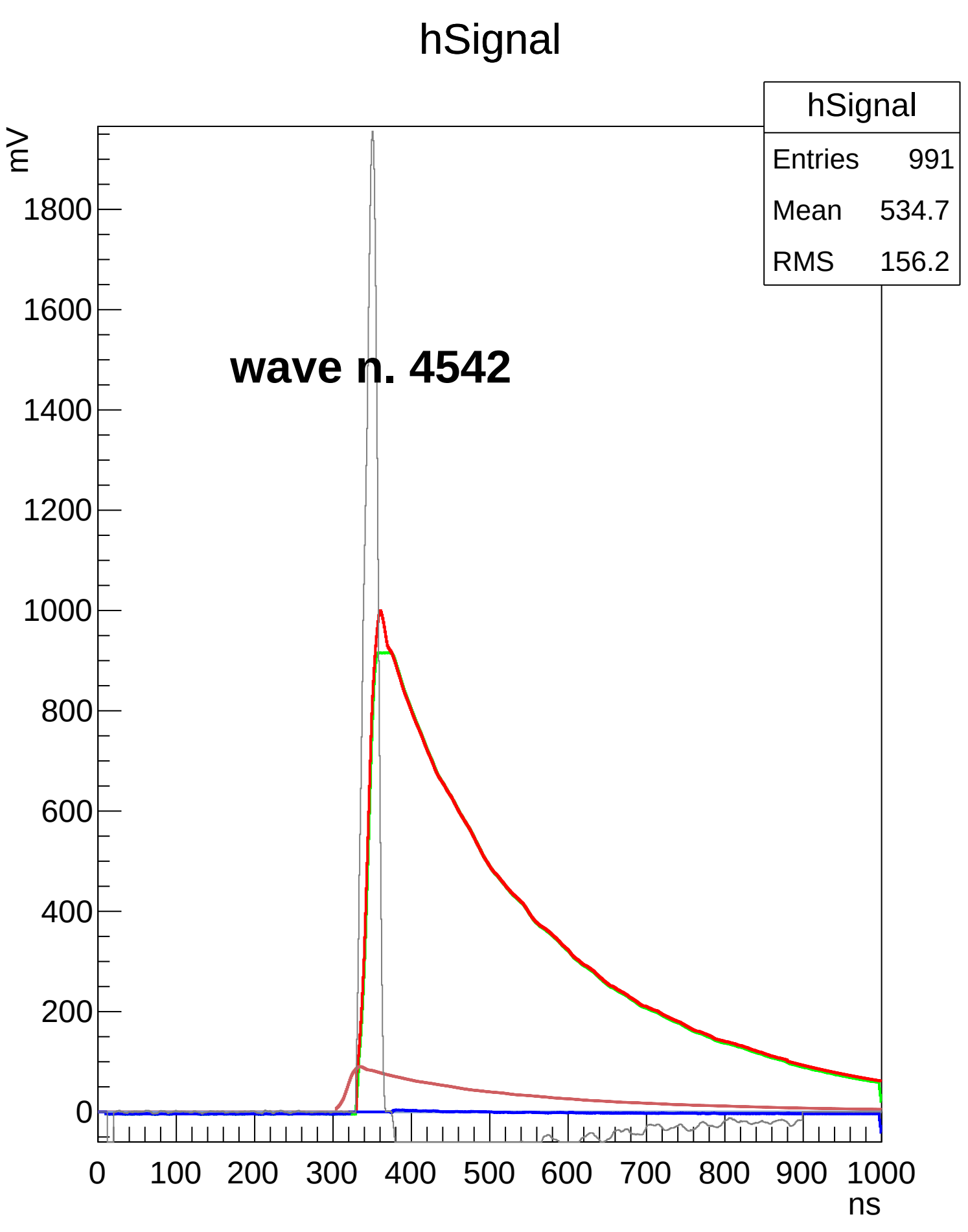
hSignal
hSignal
Entries 991
Mean 534.7
RMS 156.2
wave n. 4542
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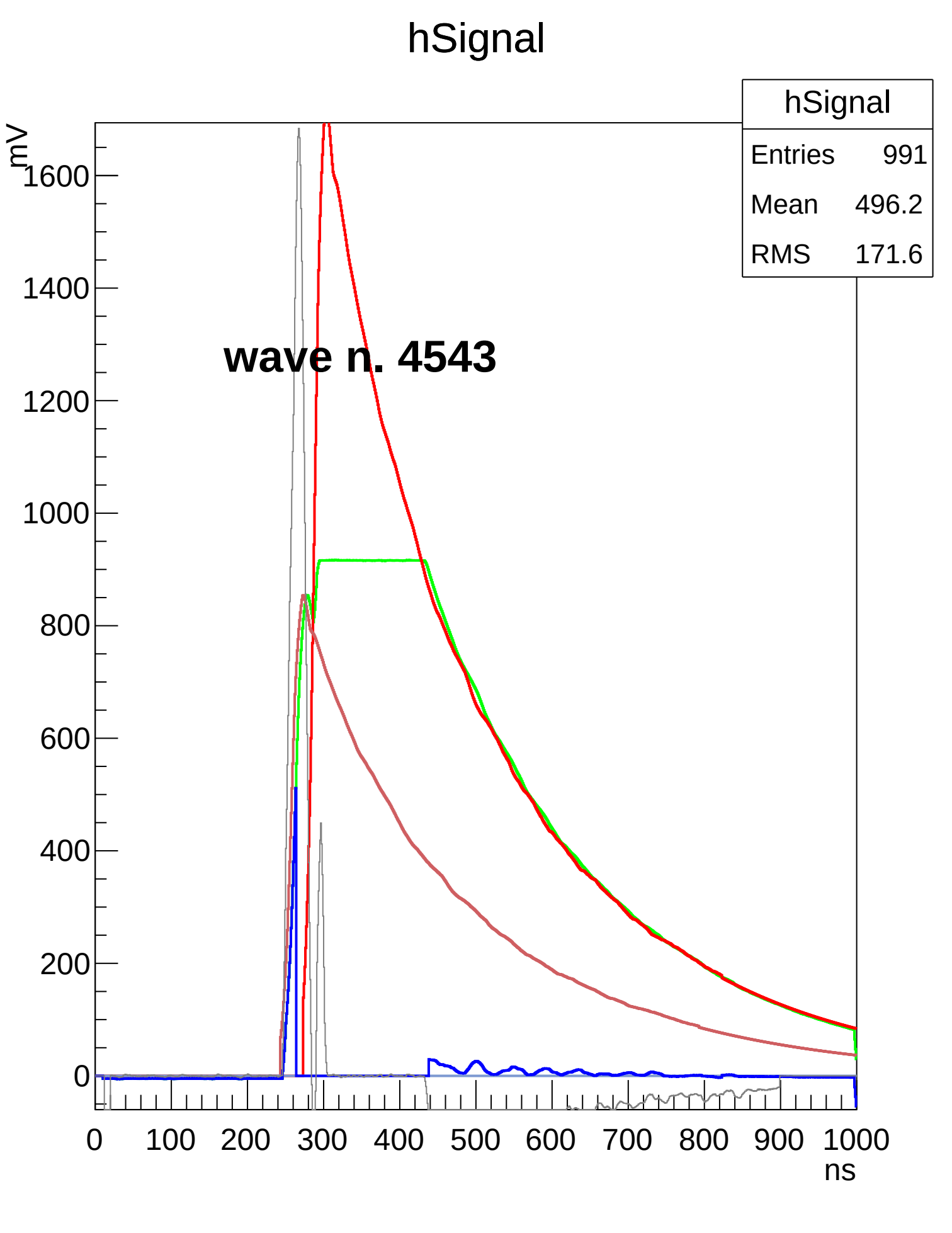
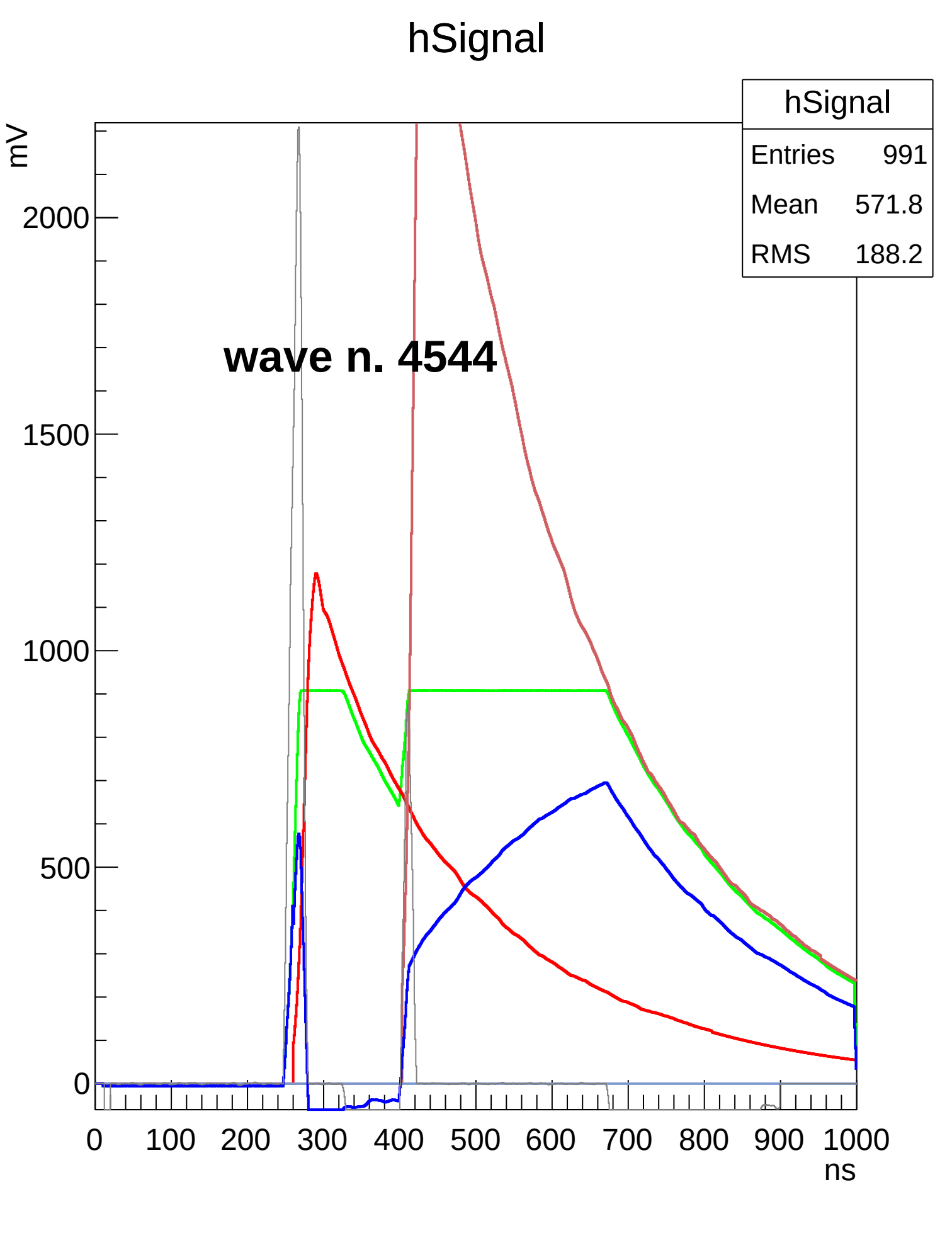
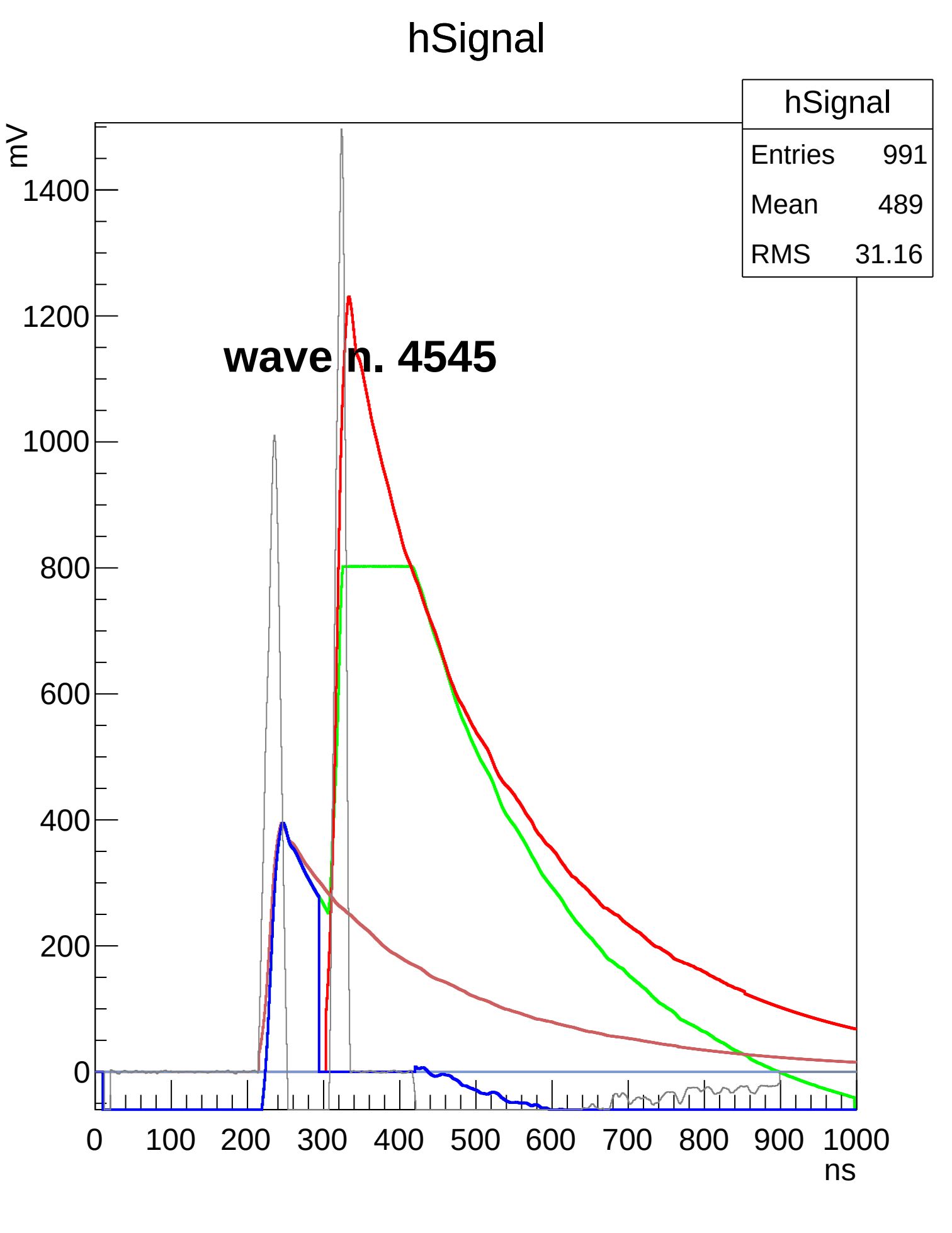
ns


hSignal
hSignal
Entries 991
Mean 496.2
RMS 171.6
wave n. 4543
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 571.8
RMS 188.2
wave n. 4544
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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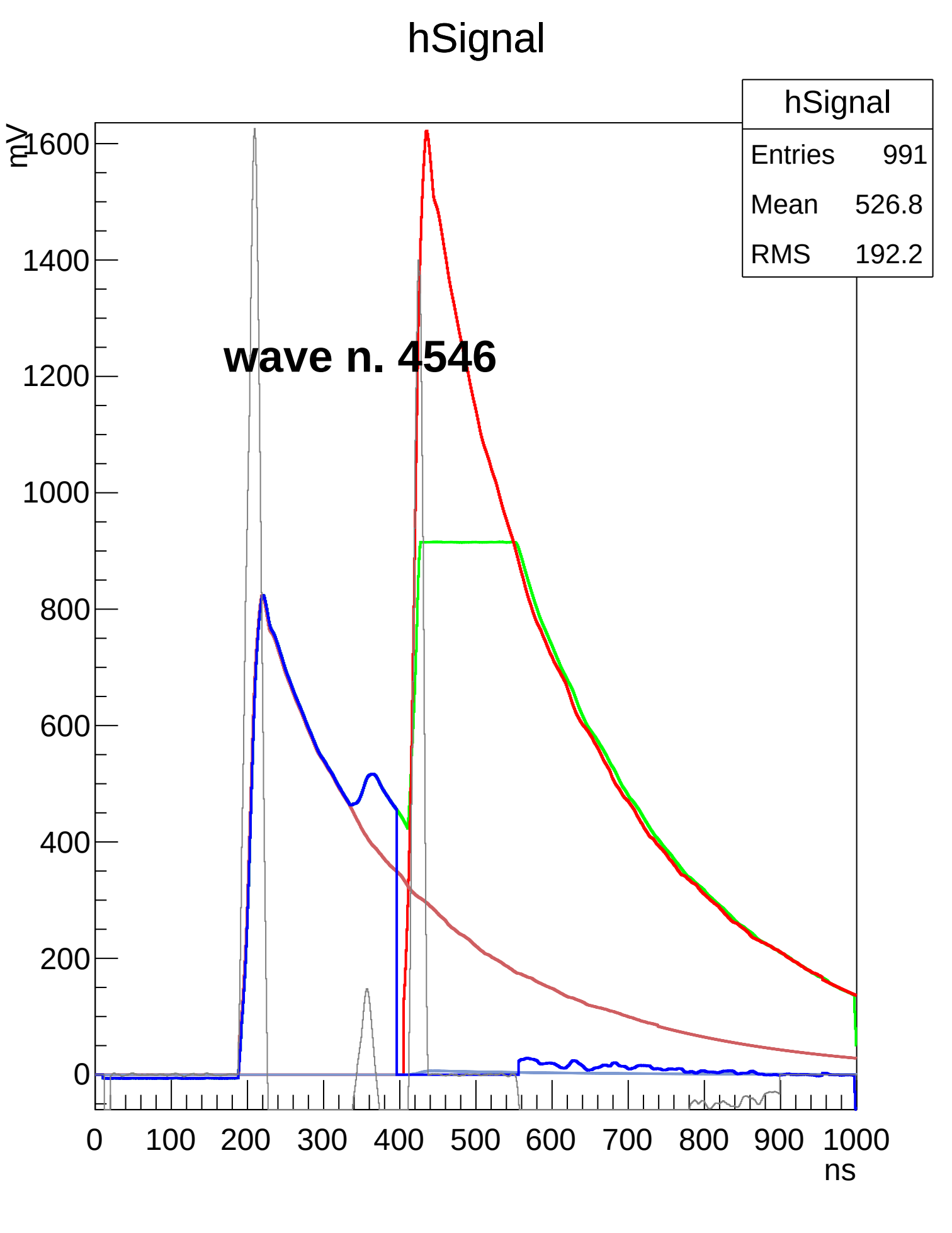
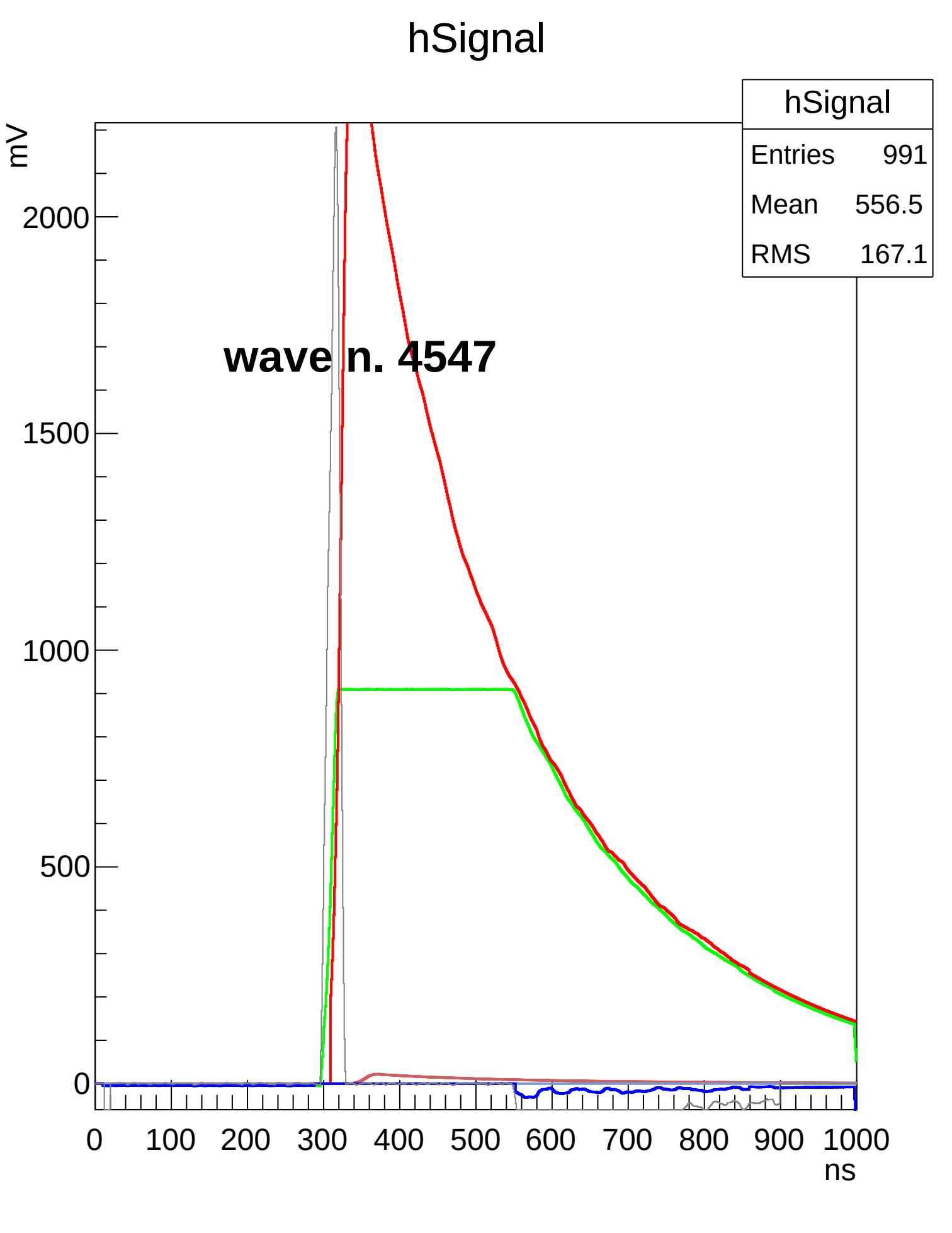
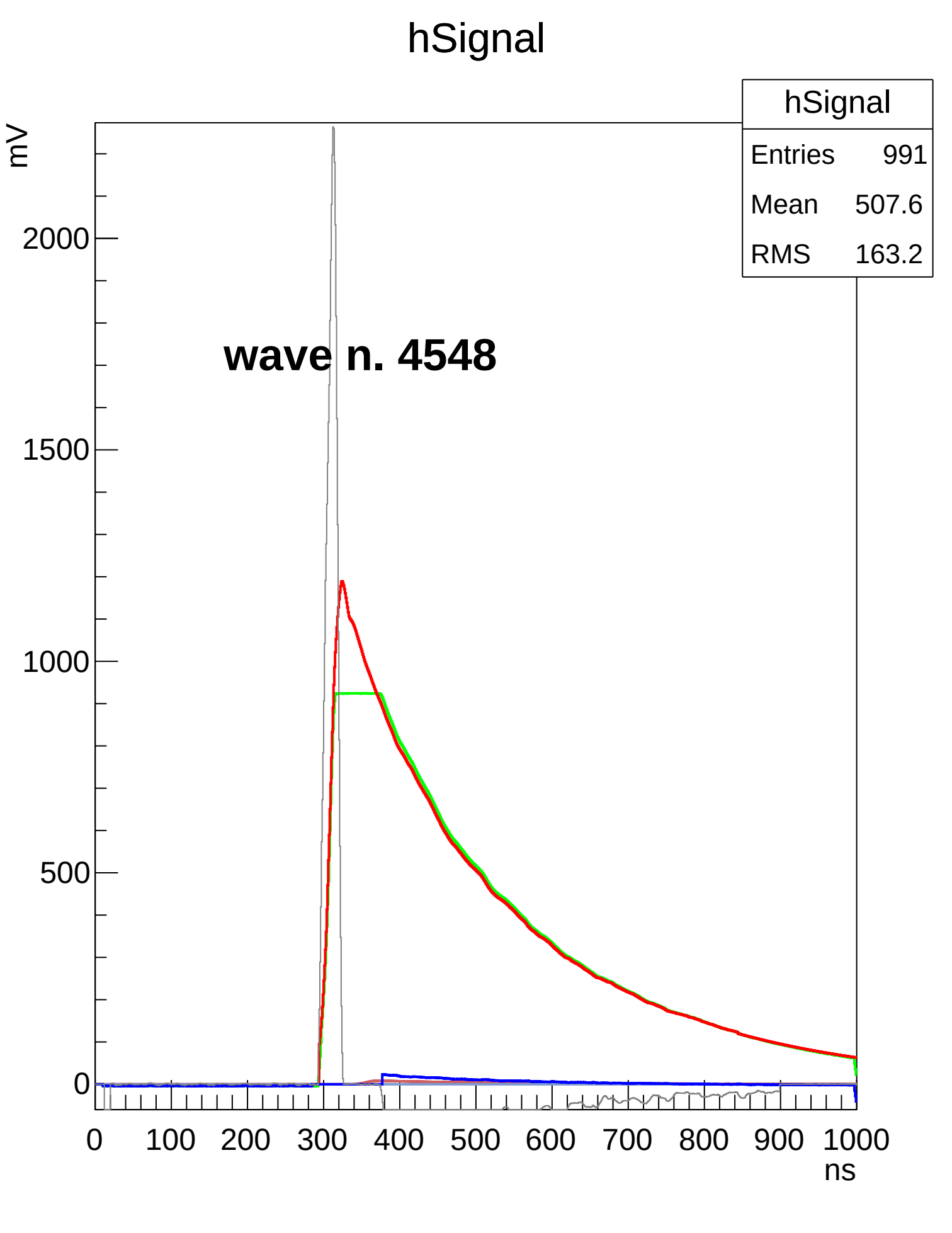
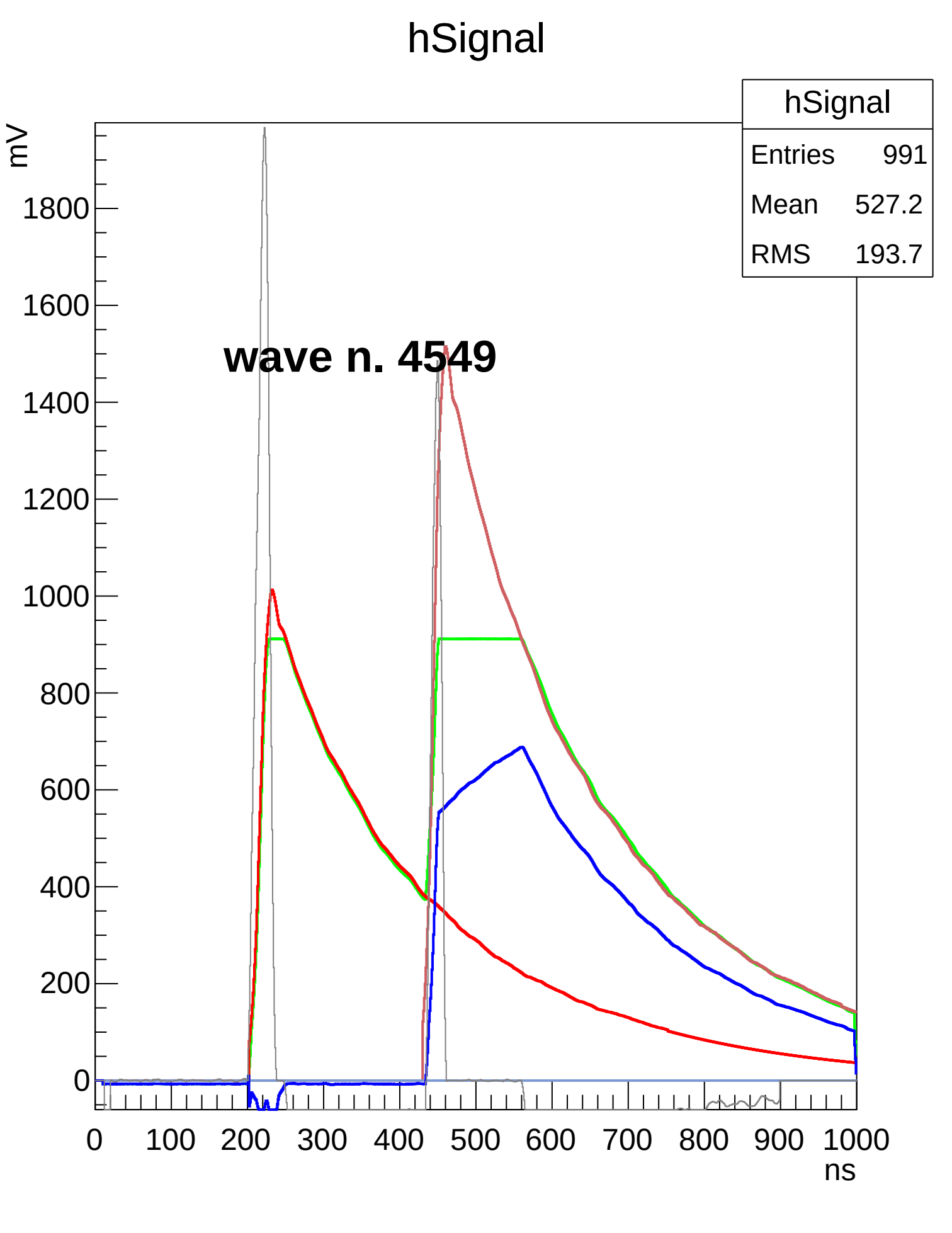
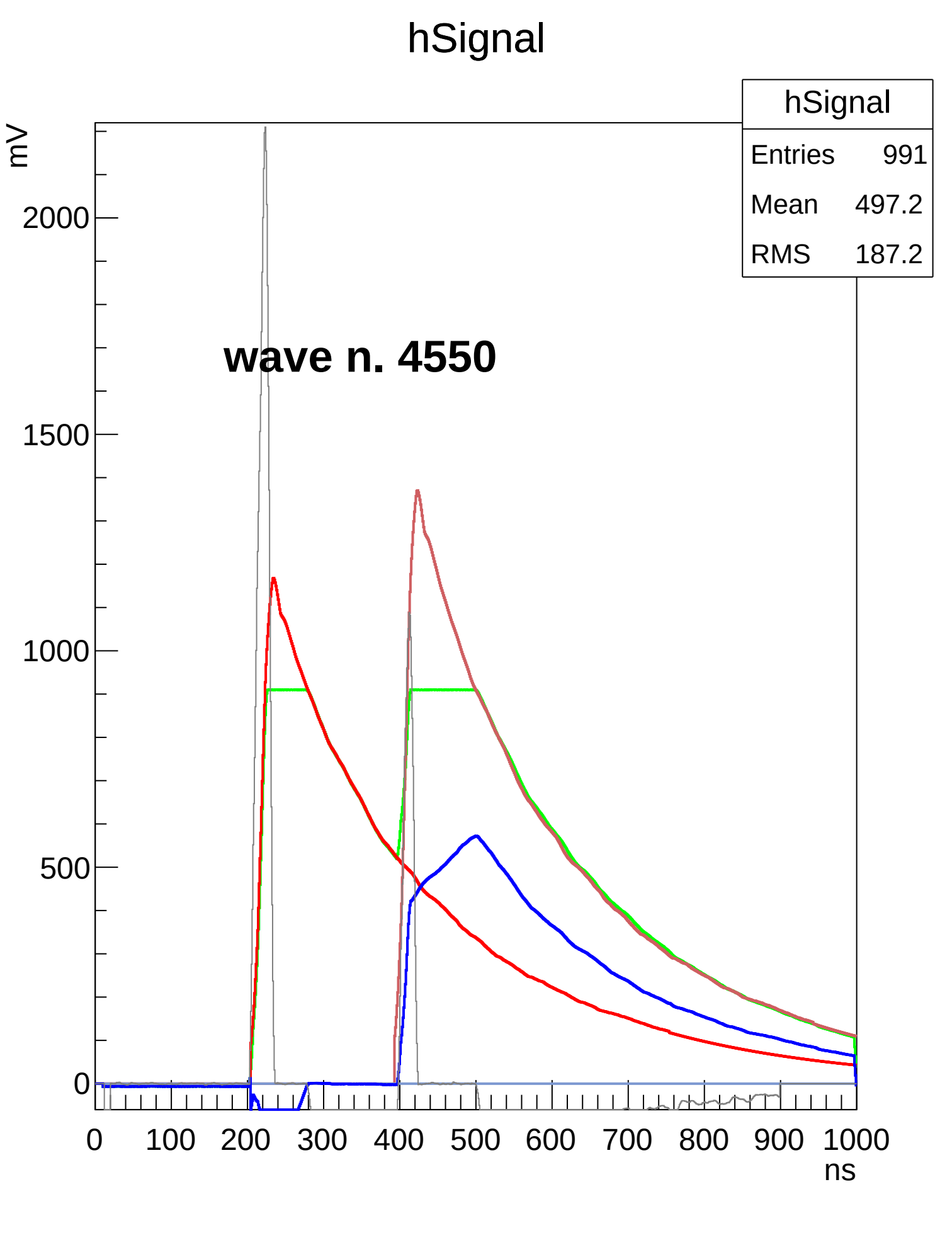
hSignal
Entries 991
Mean 489
RMS 31.16
wave n. 4545
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 526.8
RMS 192.2
wave n. 4546
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.5
RMS 167.1
wave n. 4547
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507.6
RMS 163.2
wave n. 4548
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527.2
RMS 193.7
wave n. 4549
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 497.2
RMS 187.2
wave n. 4550
mV
2000
1500
1000
500
0
0
100
200
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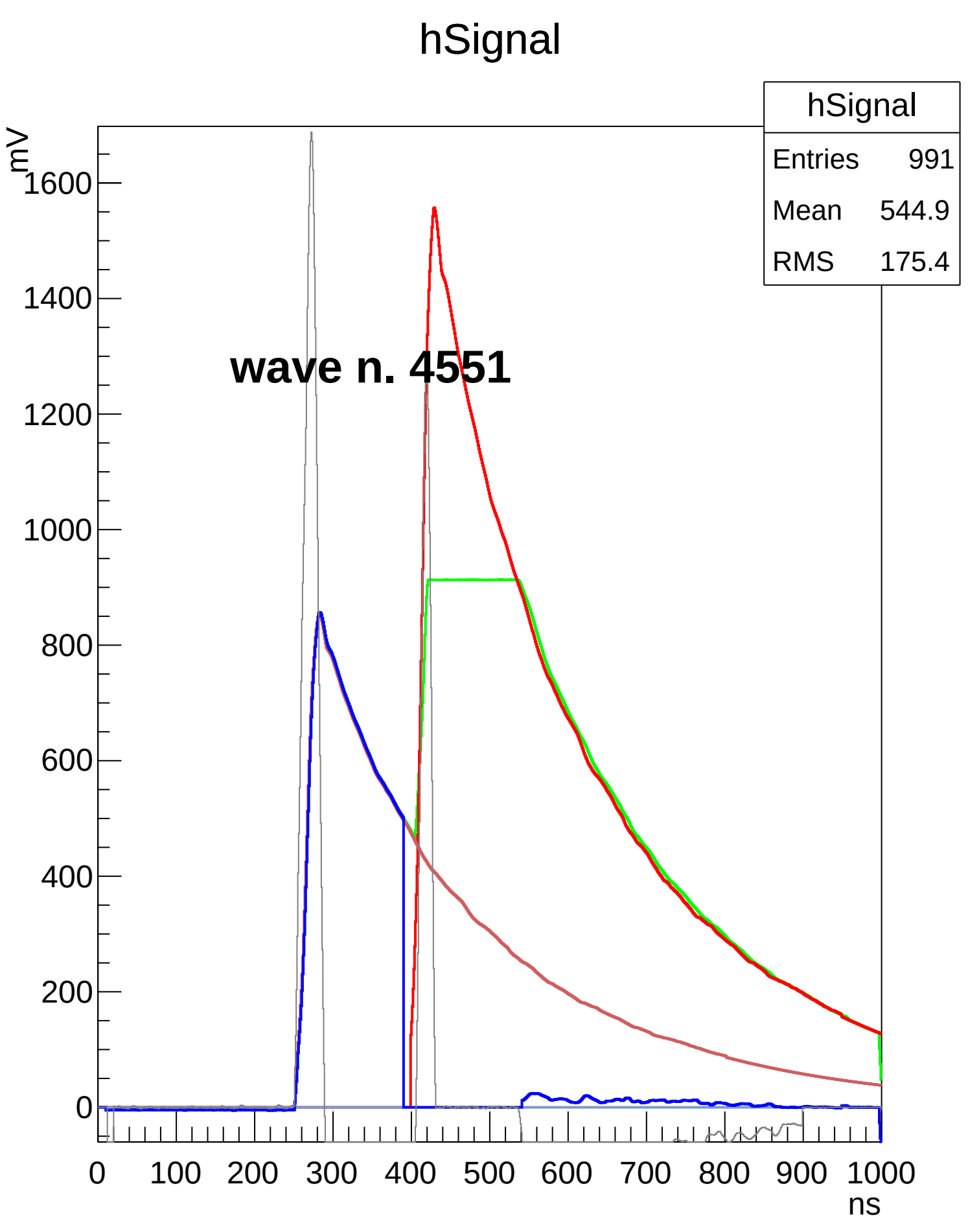
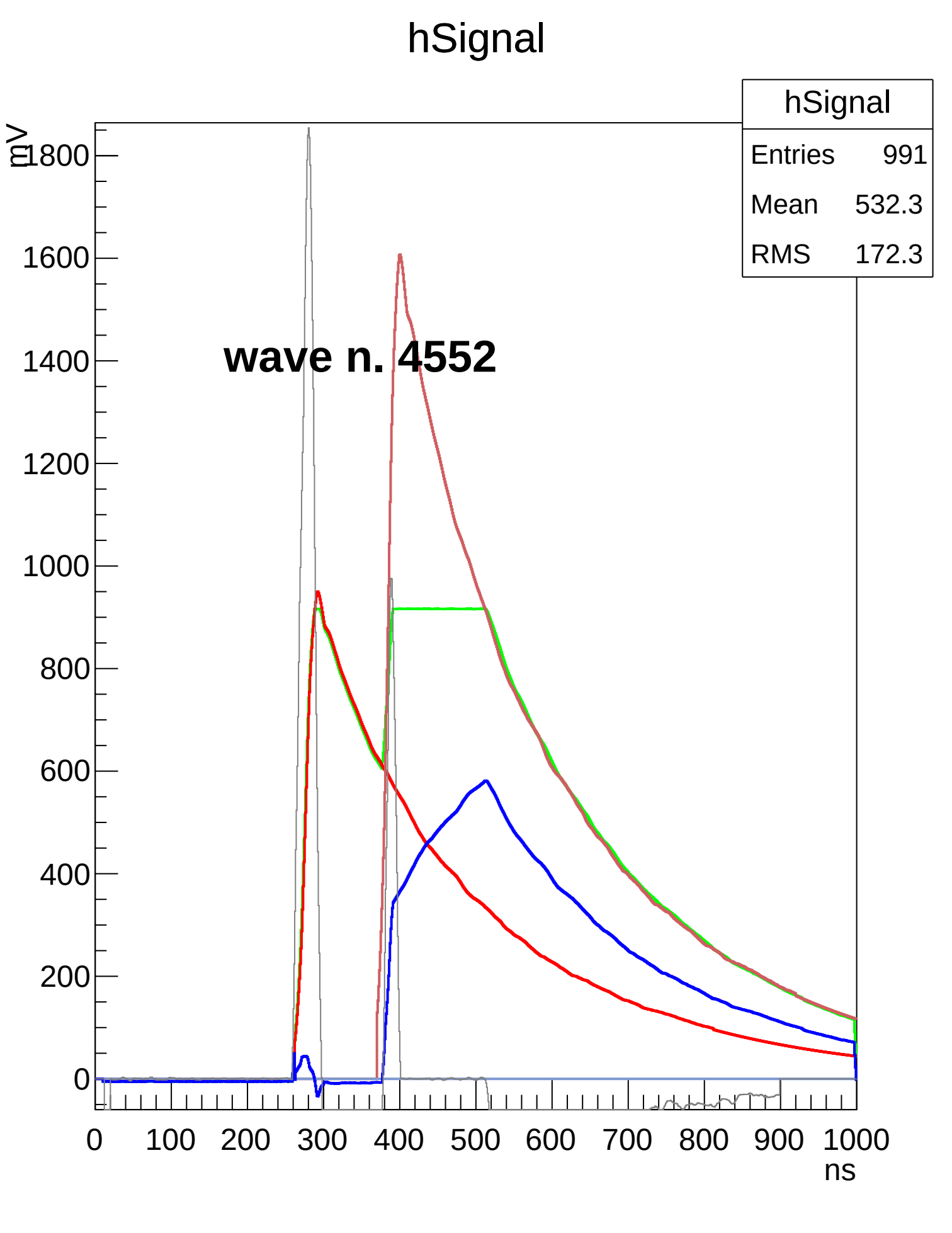
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 544.9
RMS 175.4
wave n. 4551
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 532.3
RMS 172.3
wave n. 4552
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
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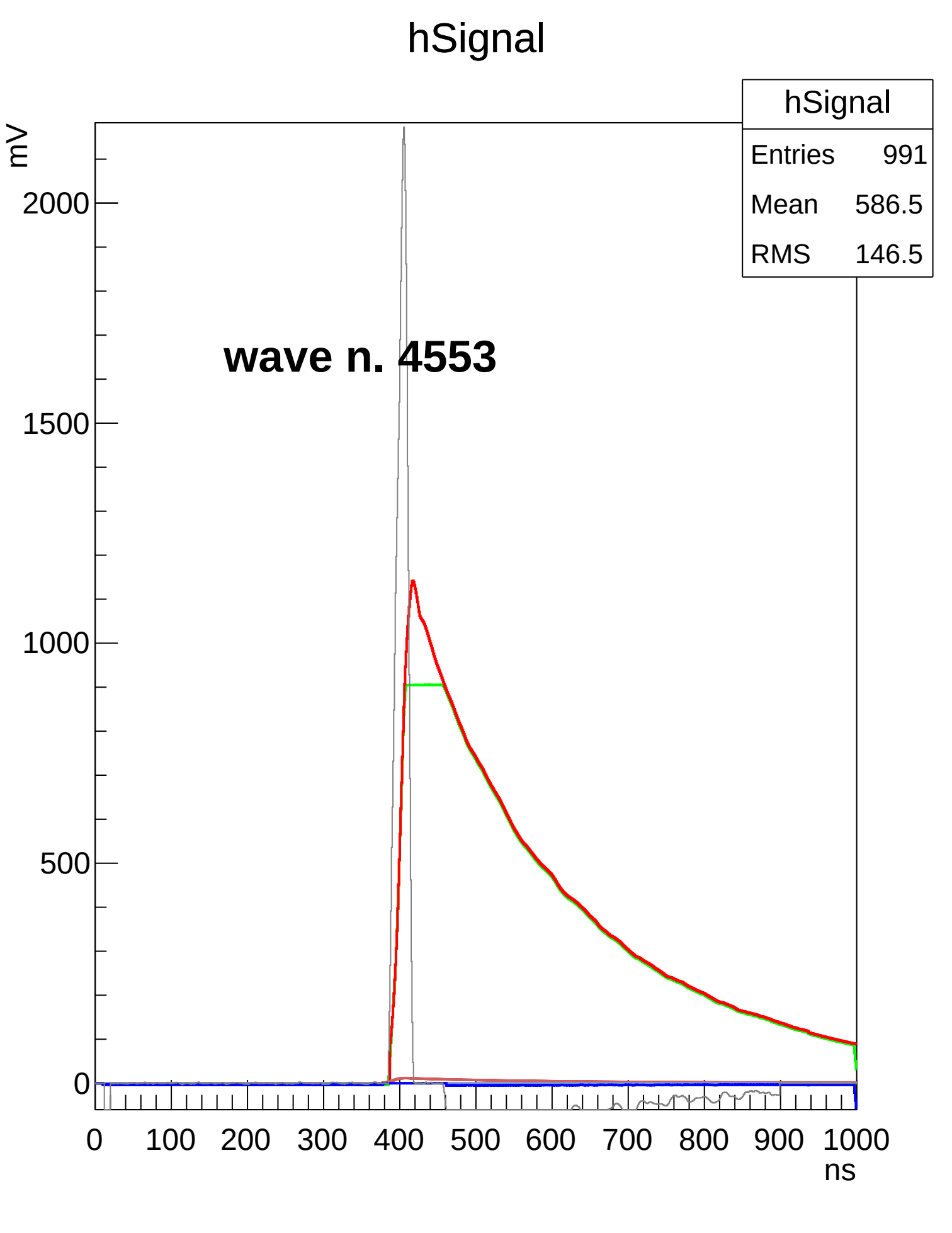
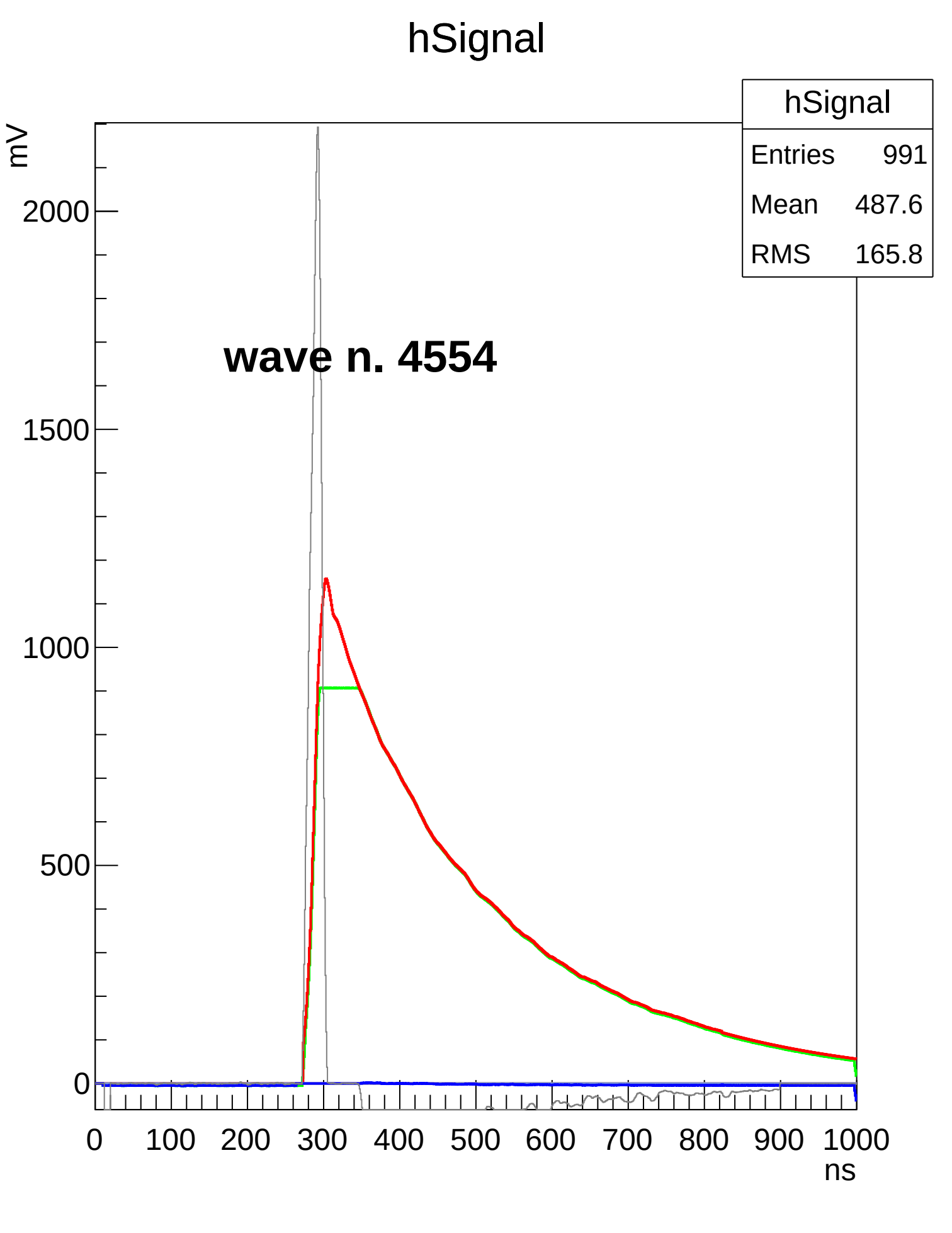
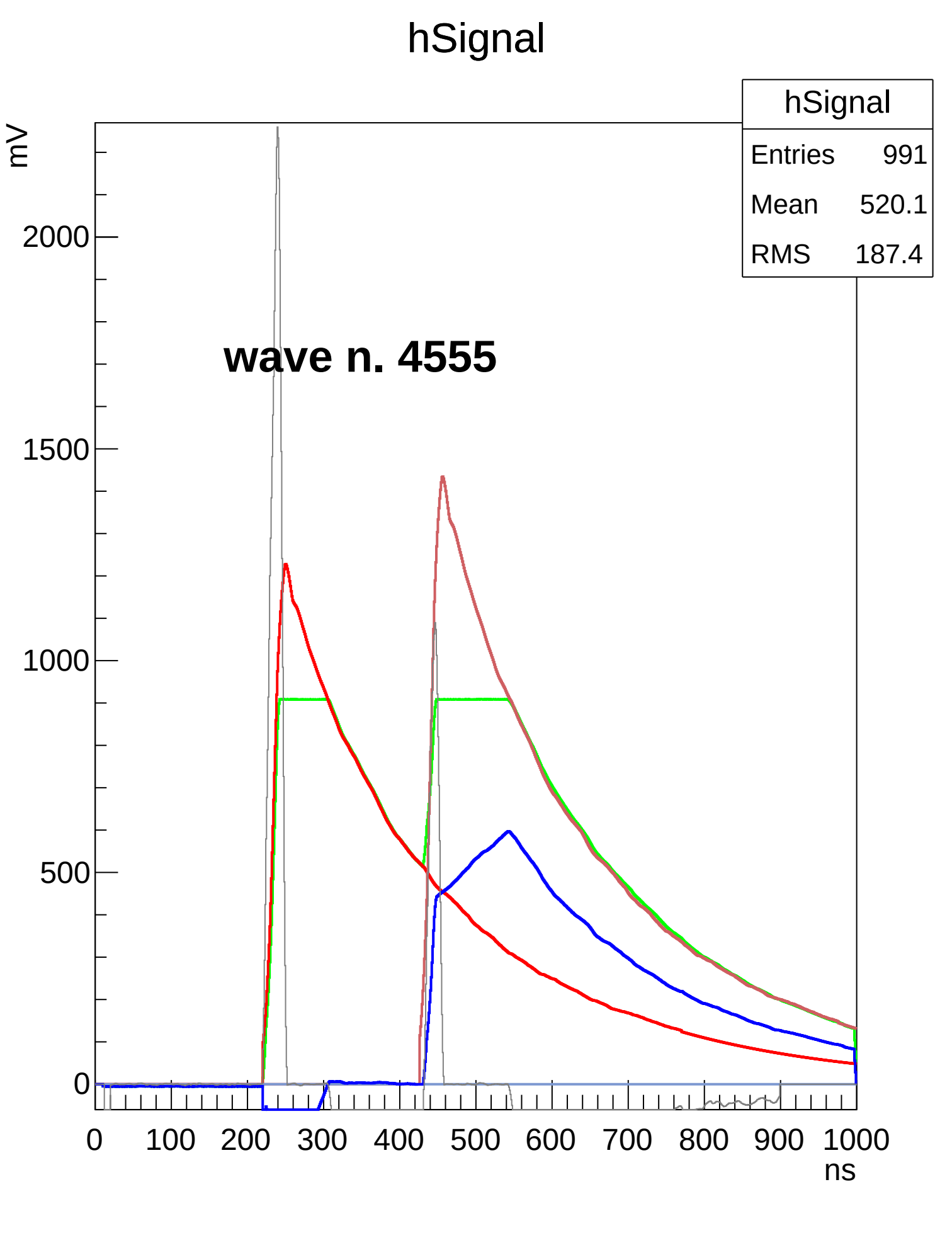
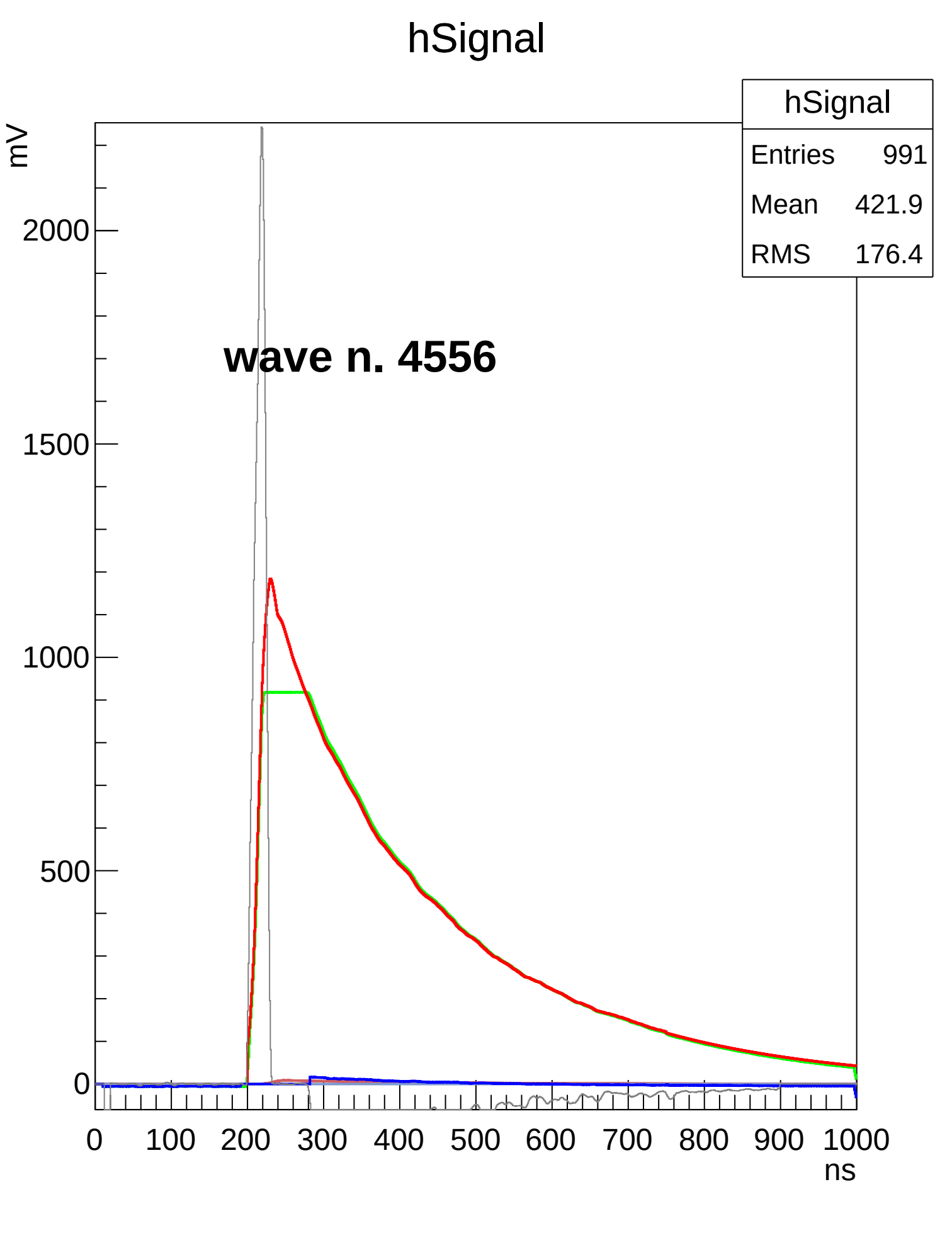
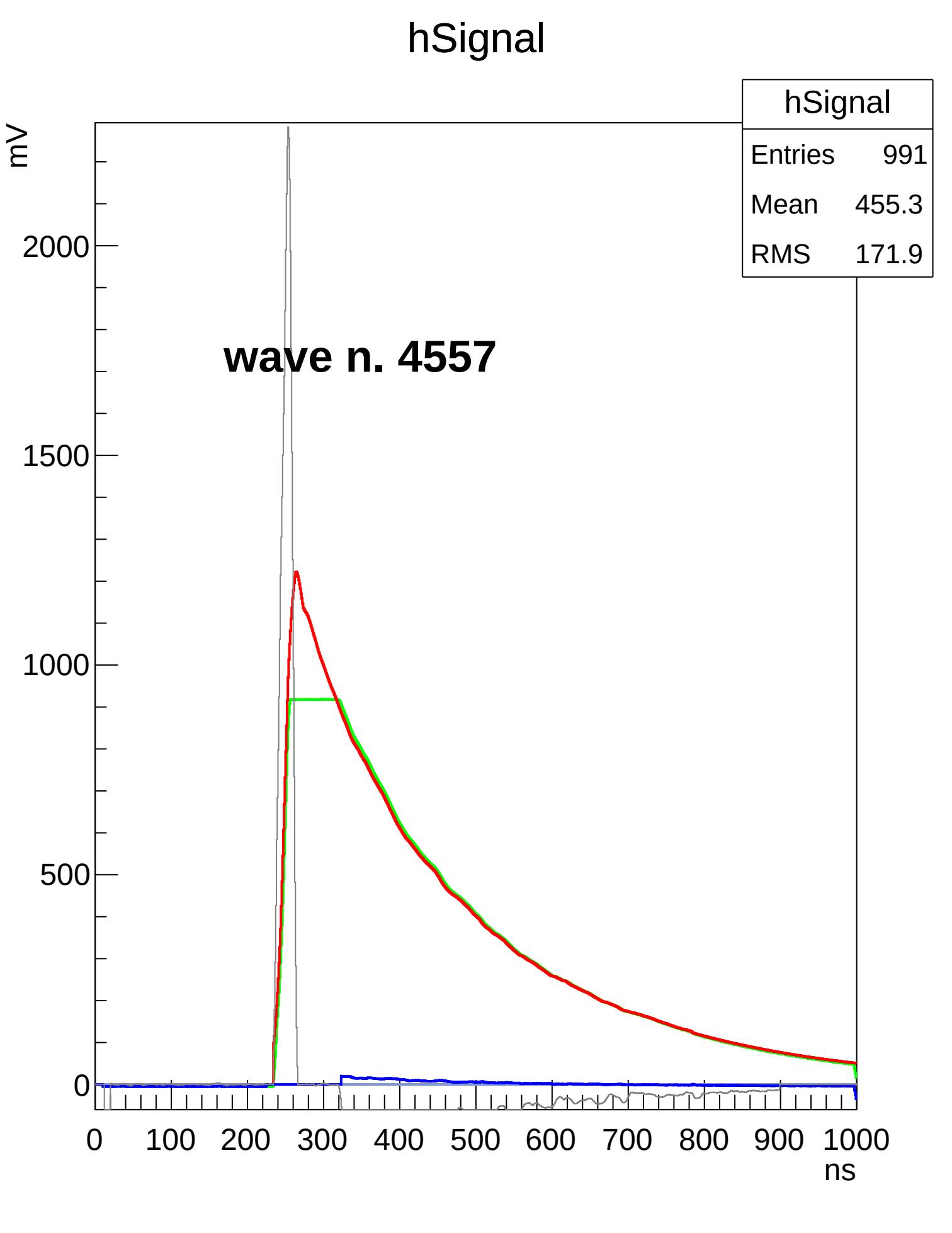
400
500
600
700
800
900
1000
ns

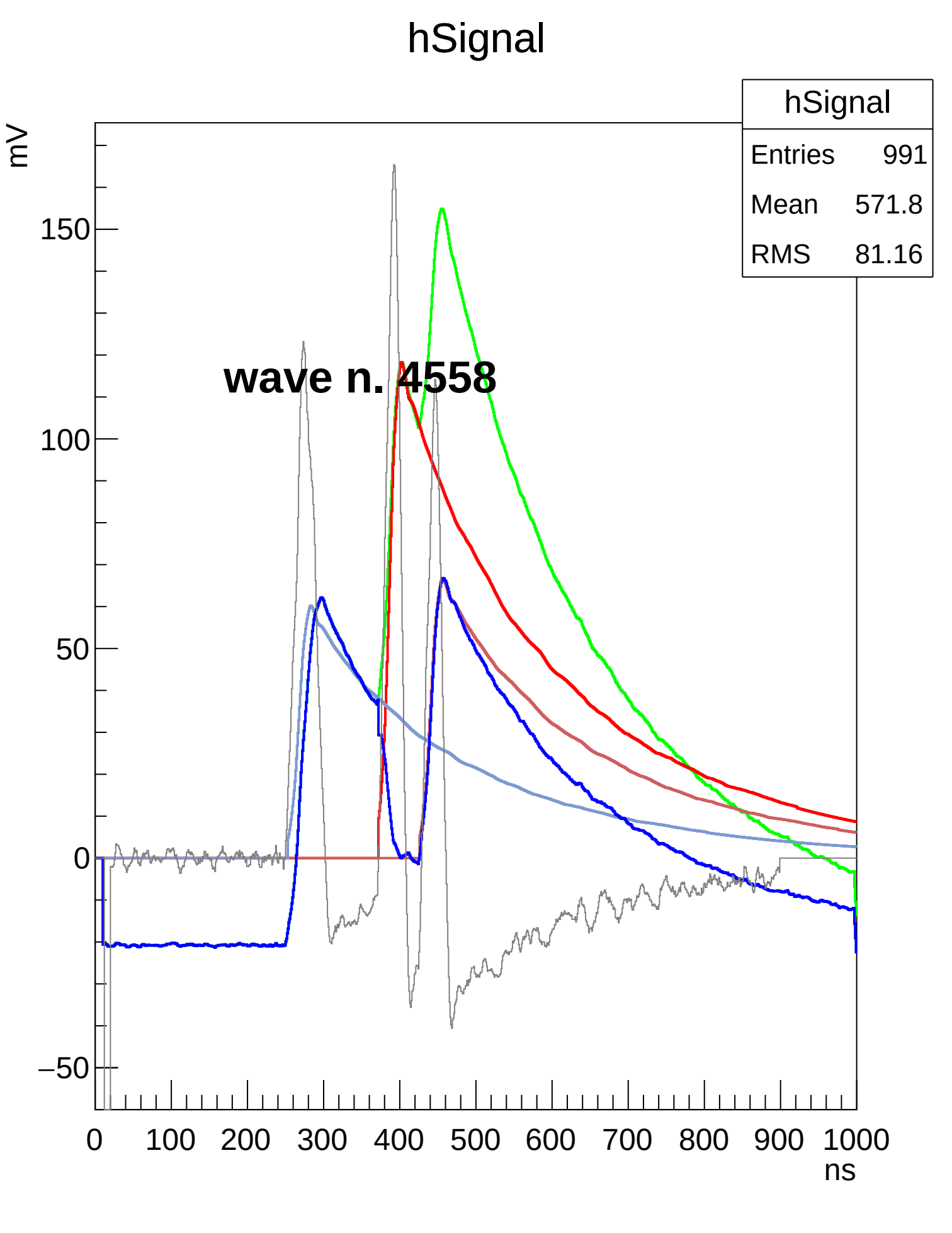

hSignal
hSignal
Entries 991
Mean 586.5
RMS 146.5
wave n. 4553
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

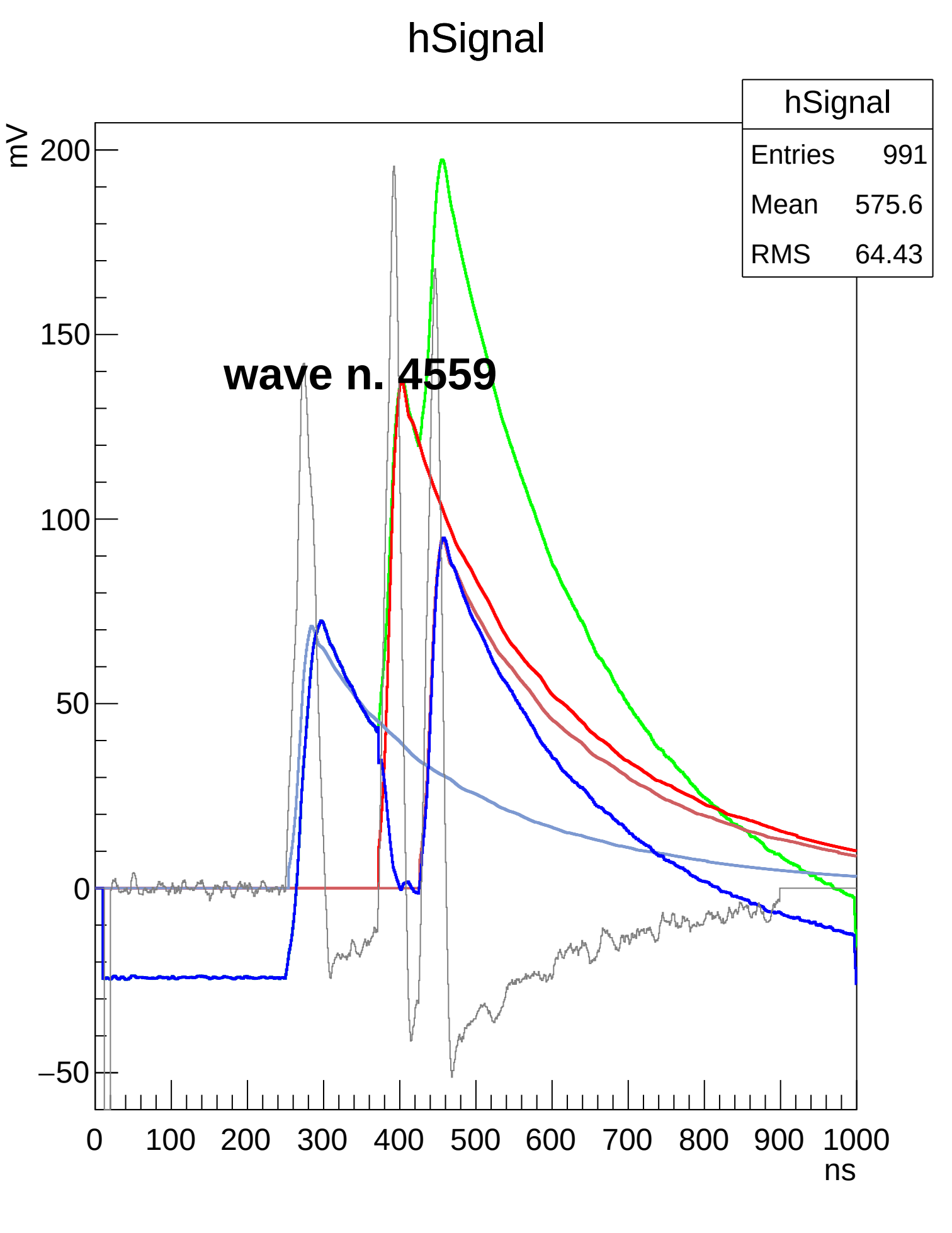

hSignal
hSignal
Entries 991
Mean 487.6
RMS 165.8
wave n. 4554
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

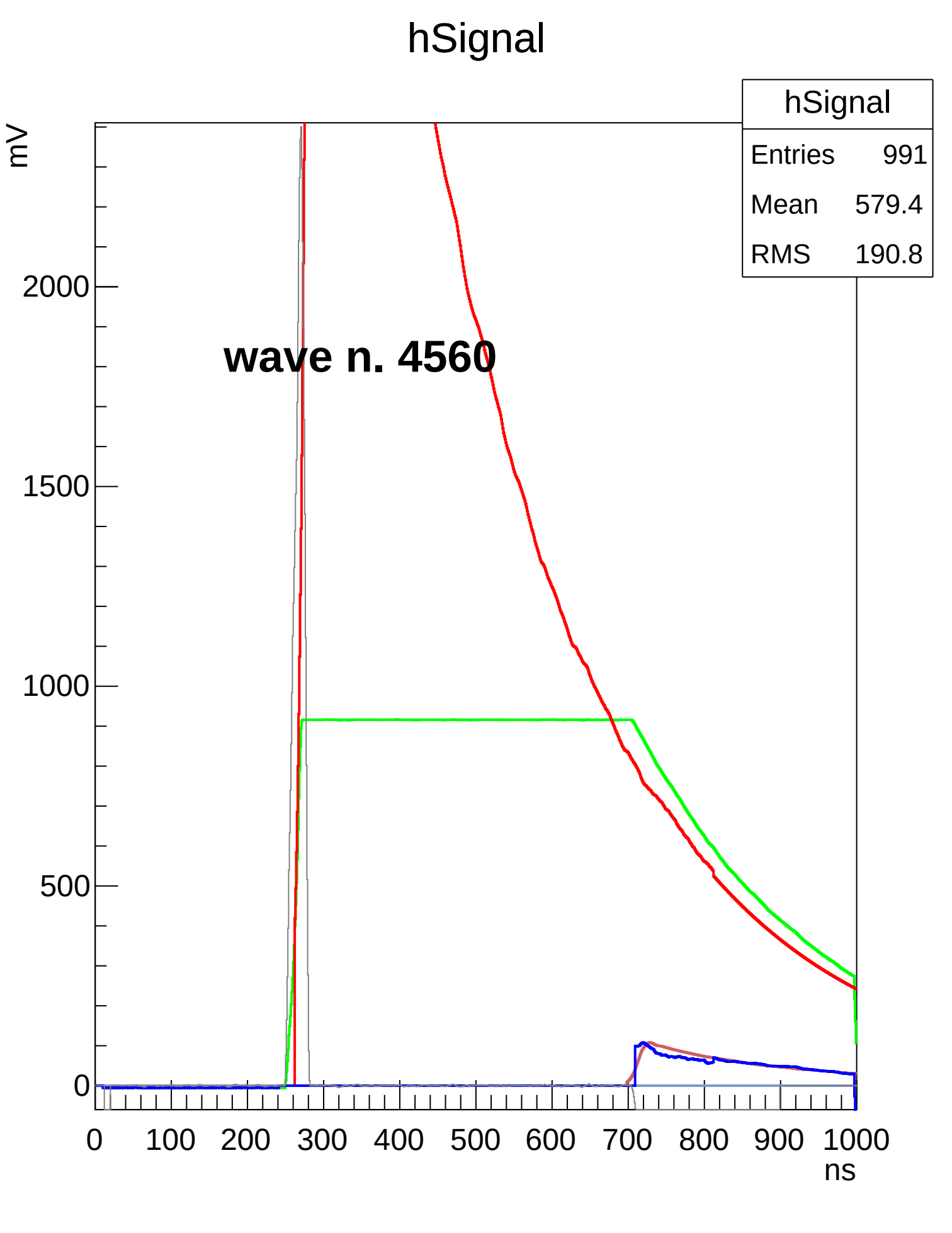

hSignal
hSignal
Entries 991
Mean 520.1
RMS 187.4
wave n. 4555
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

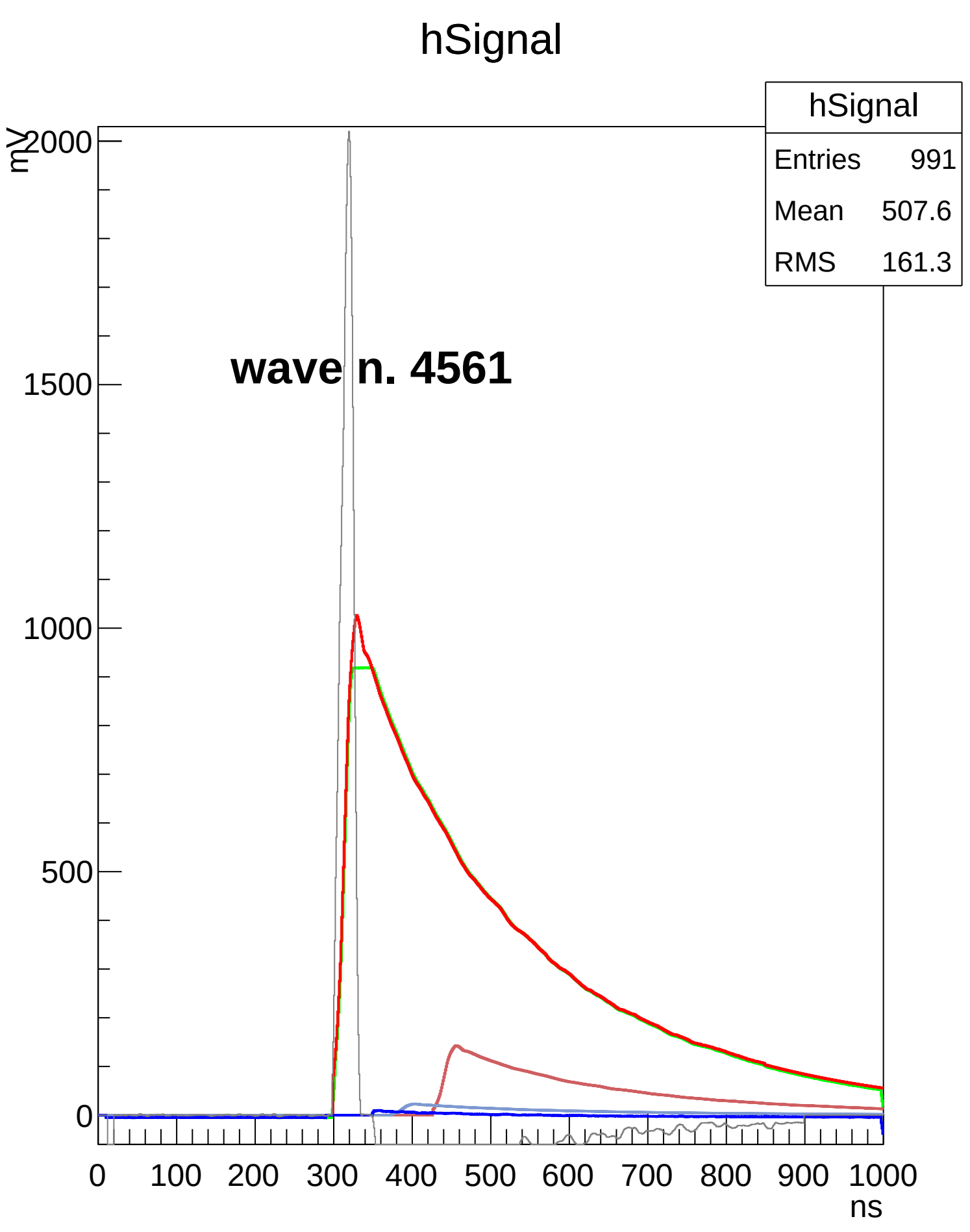

hSignal
hSignal
Entries 991
Mean 421.9
RMS 176.4
wave n. 4556
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 455.3
RMS 171.9
wave n. 4557
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 571.8
RMS 81.16
wave n. 4558
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 575.6
RMS 64.43
wave n. 4559
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 579.4
RMS 190.8
wave n. 4560
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 507.6
RMS 161.3
wave n. 4561
mV
2000
1500
1000
500
0
0
100
200
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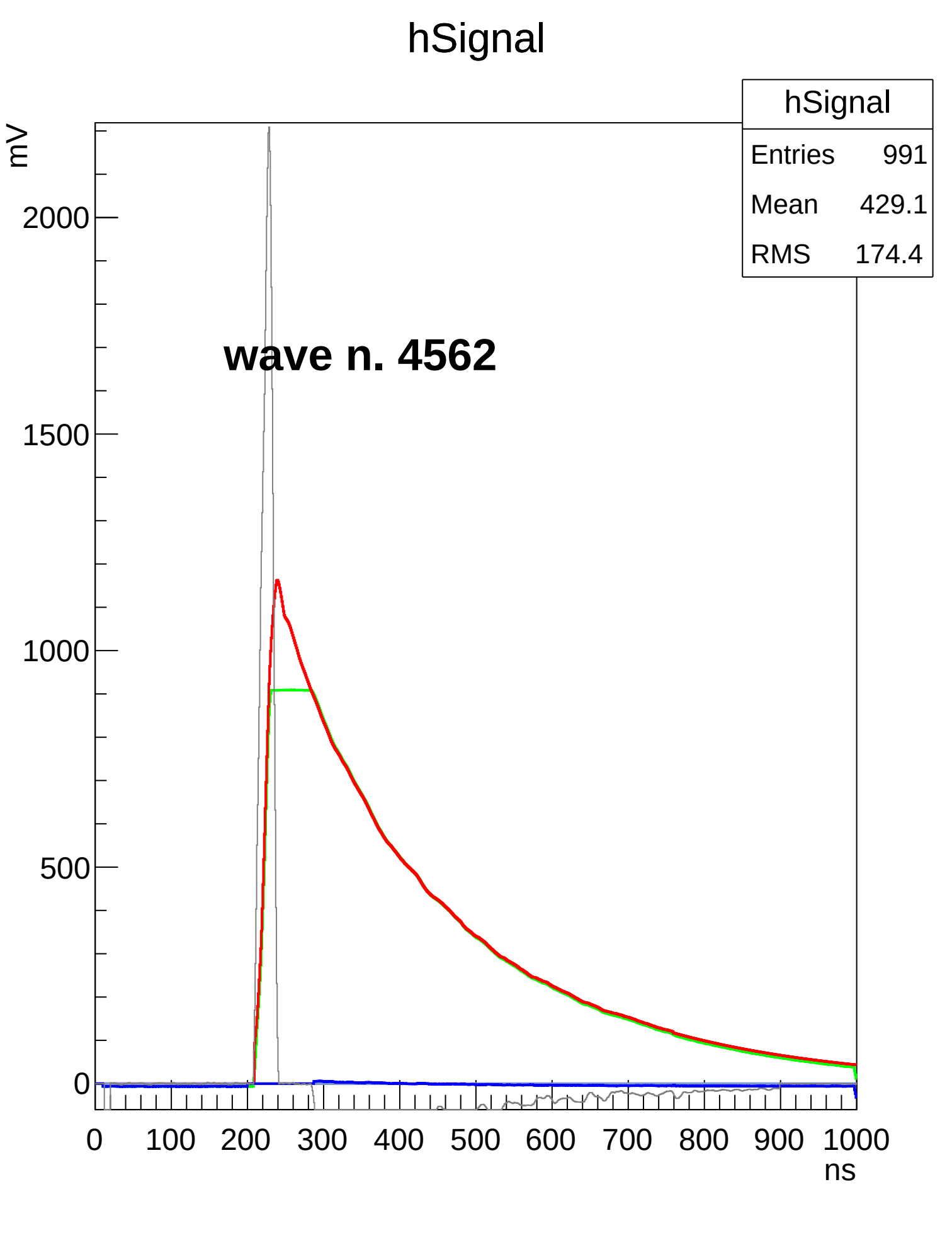
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 429.1
RMS 174.4
wave n. 4562
mV
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1500
1000
500
0
0
100
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400
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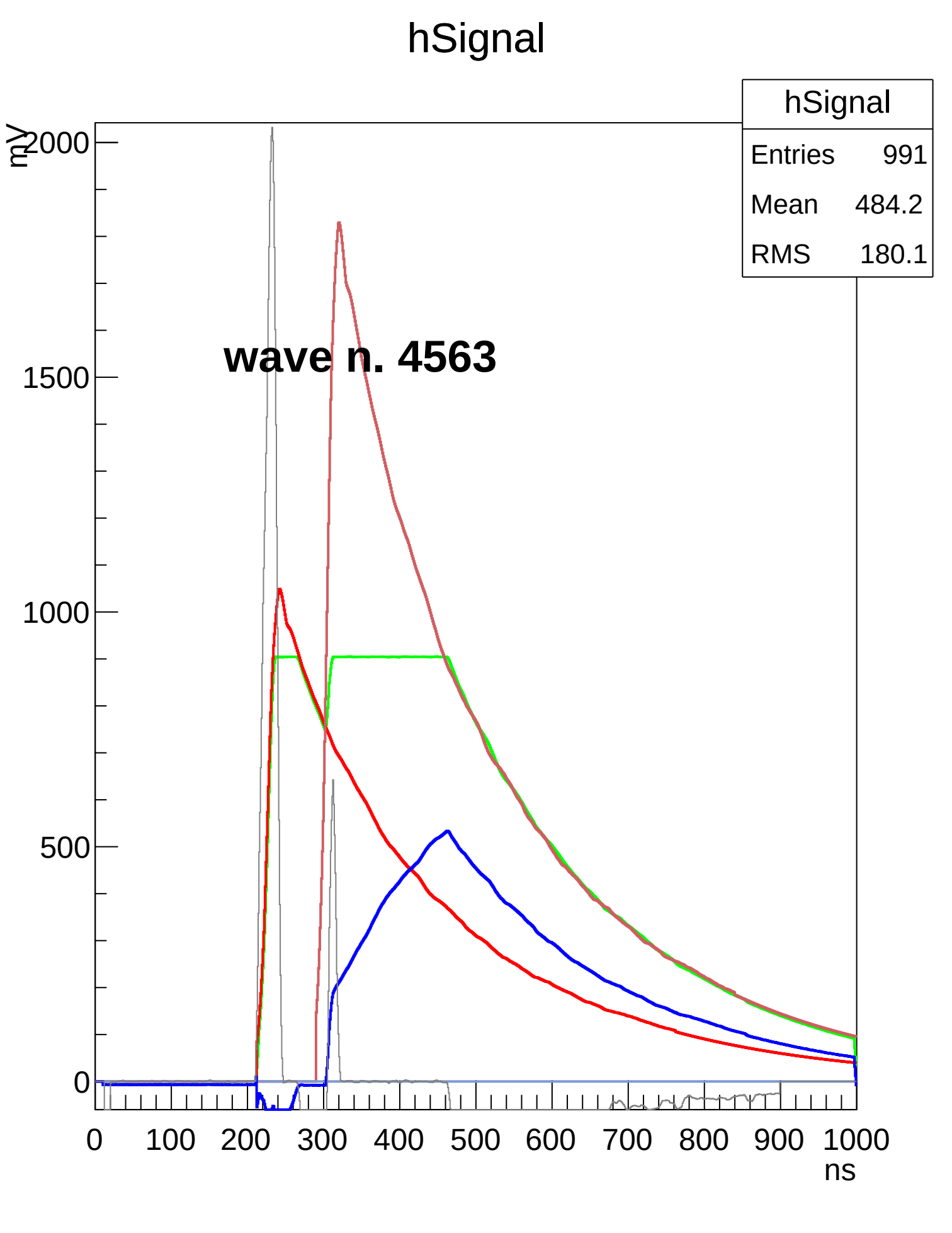
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 484.2
RMS 180.1
wave n. 4563
mV
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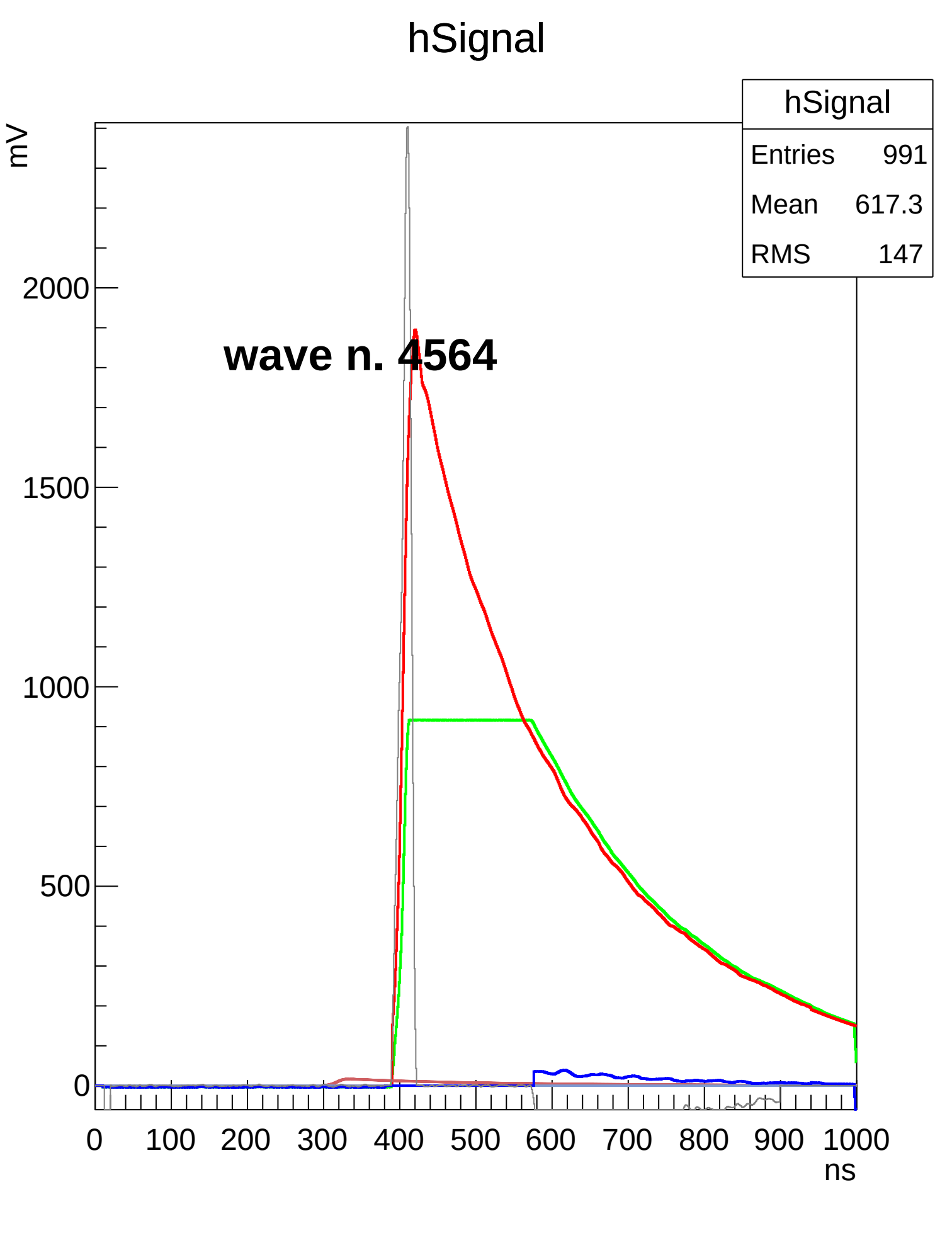
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 617.3
RMS 147
wave n. 4564
mV
2000
1500
1000
500
0
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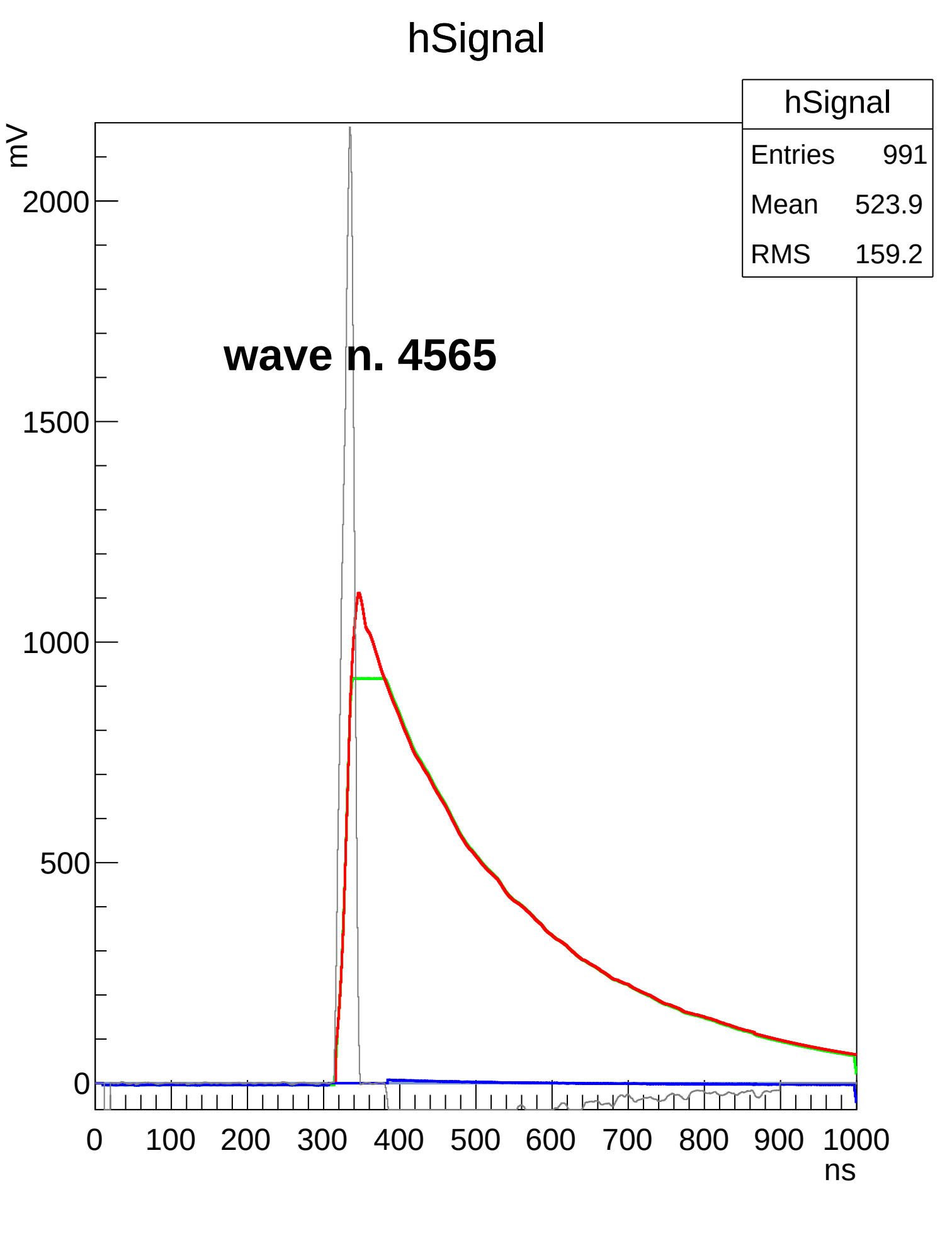
ns


hSignal
hSignal
Entries 991
Mean 523.9
RMS 159.2
wave n. 4565
mV
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1000
500
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0
100
200
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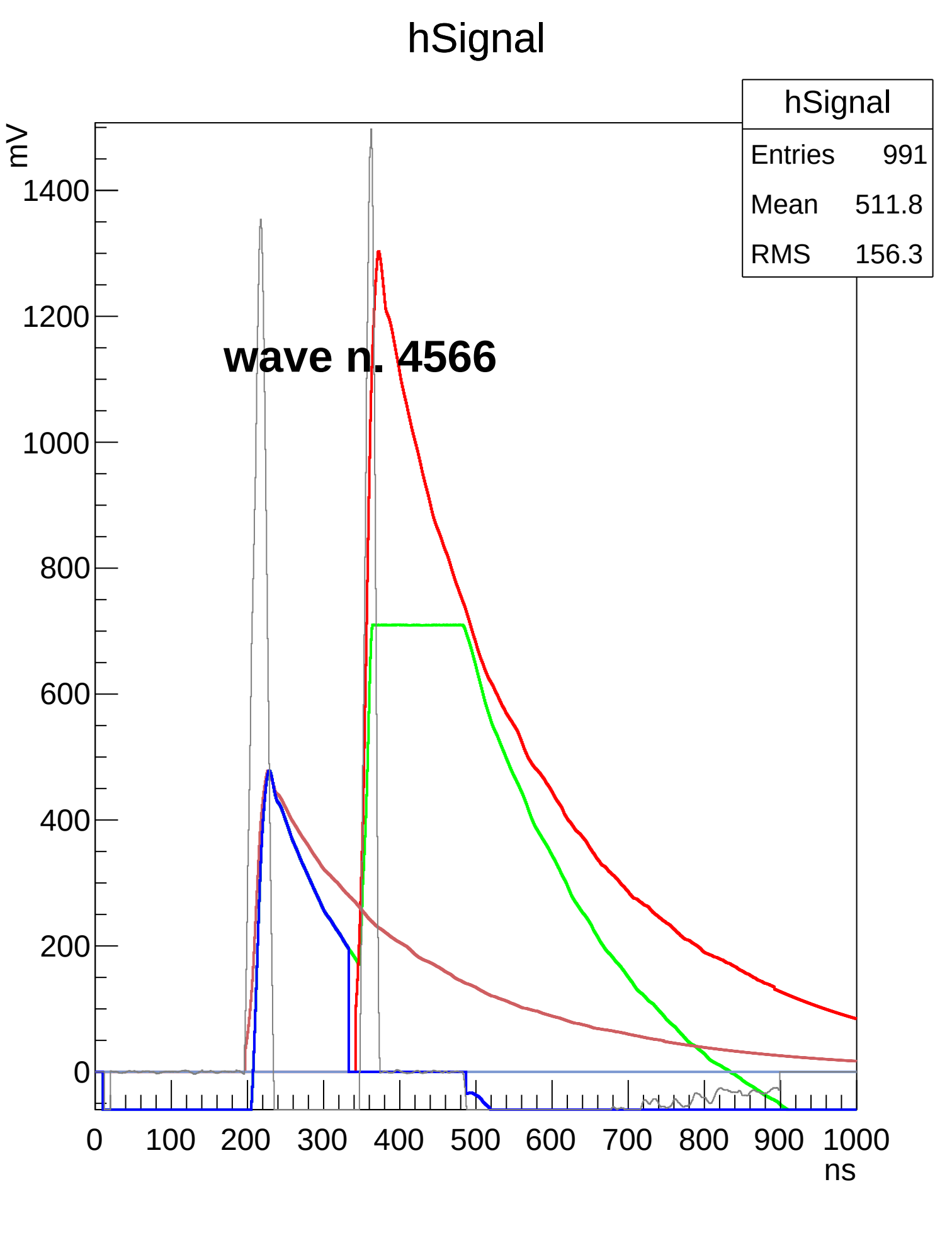
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 511.8
RMS 156.3
wave n. 4566
mV
1400
1200
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600
400
200
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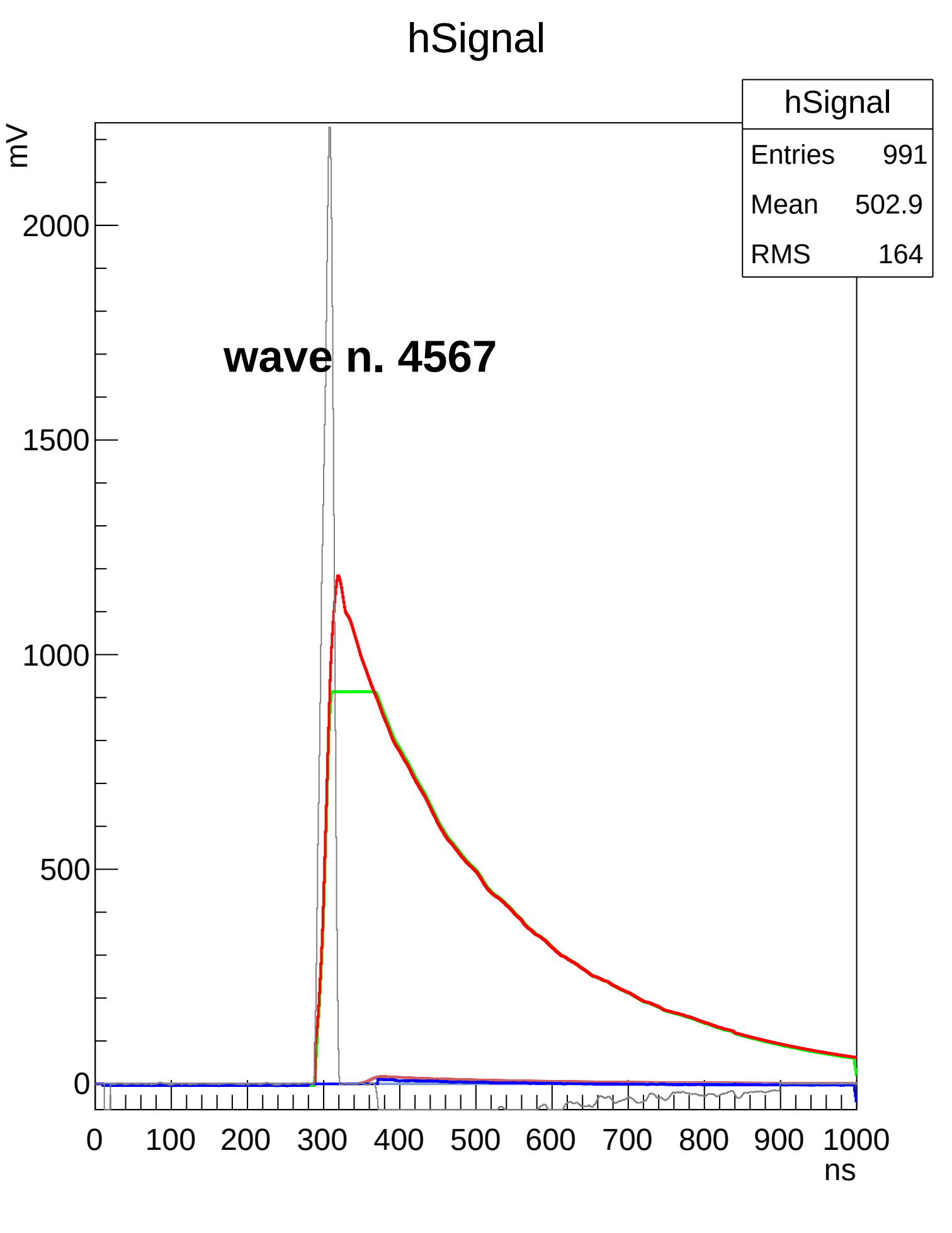
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.9
RMS 164
wave n. 4567
mV
2000
1500
1000
500
0
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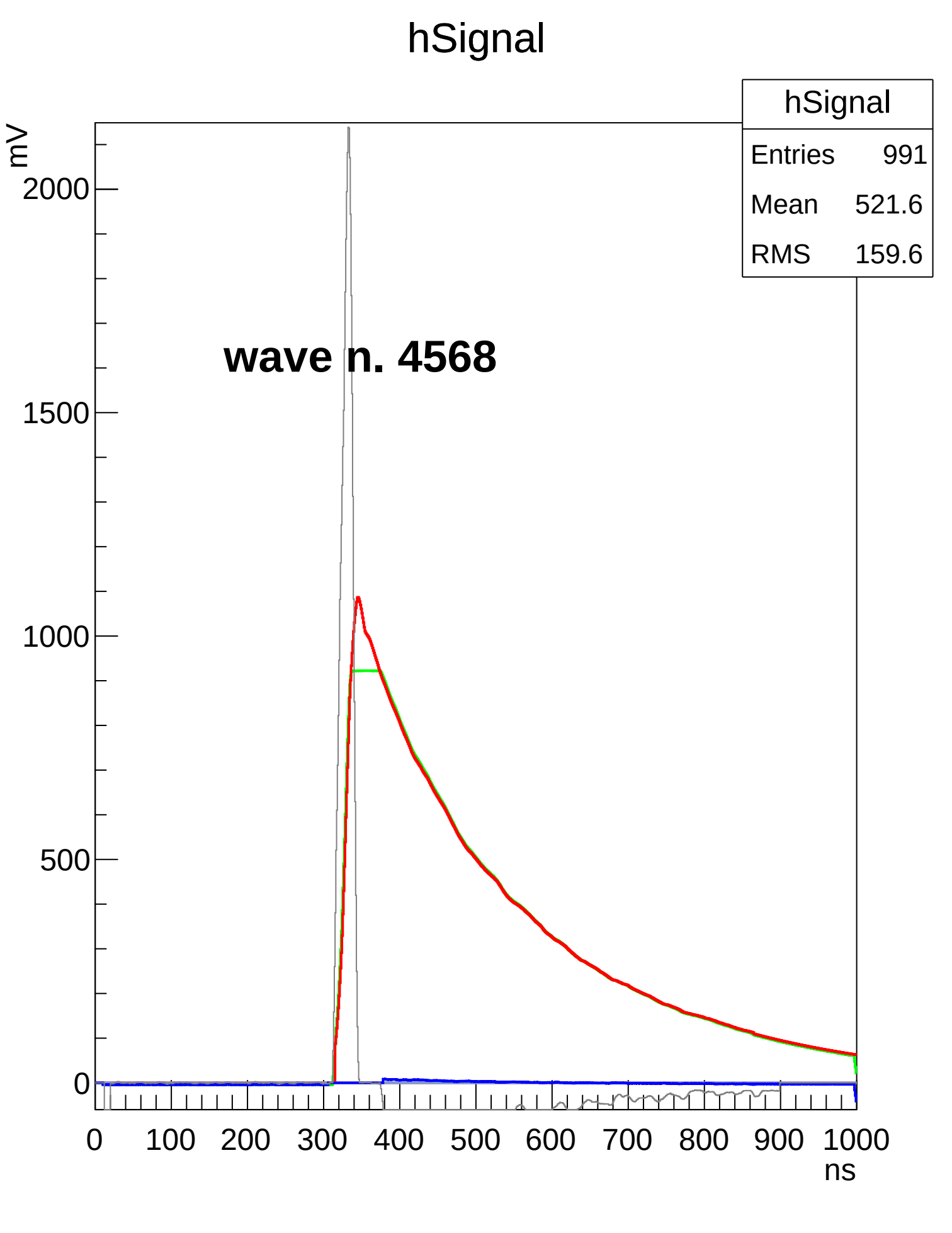
ns


hSignal
hSignal
Entries 991
Mean 521.6
RMS 159.6
wave n. 4568
mV
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1500
1000
500
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0
100
200
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400
500
600
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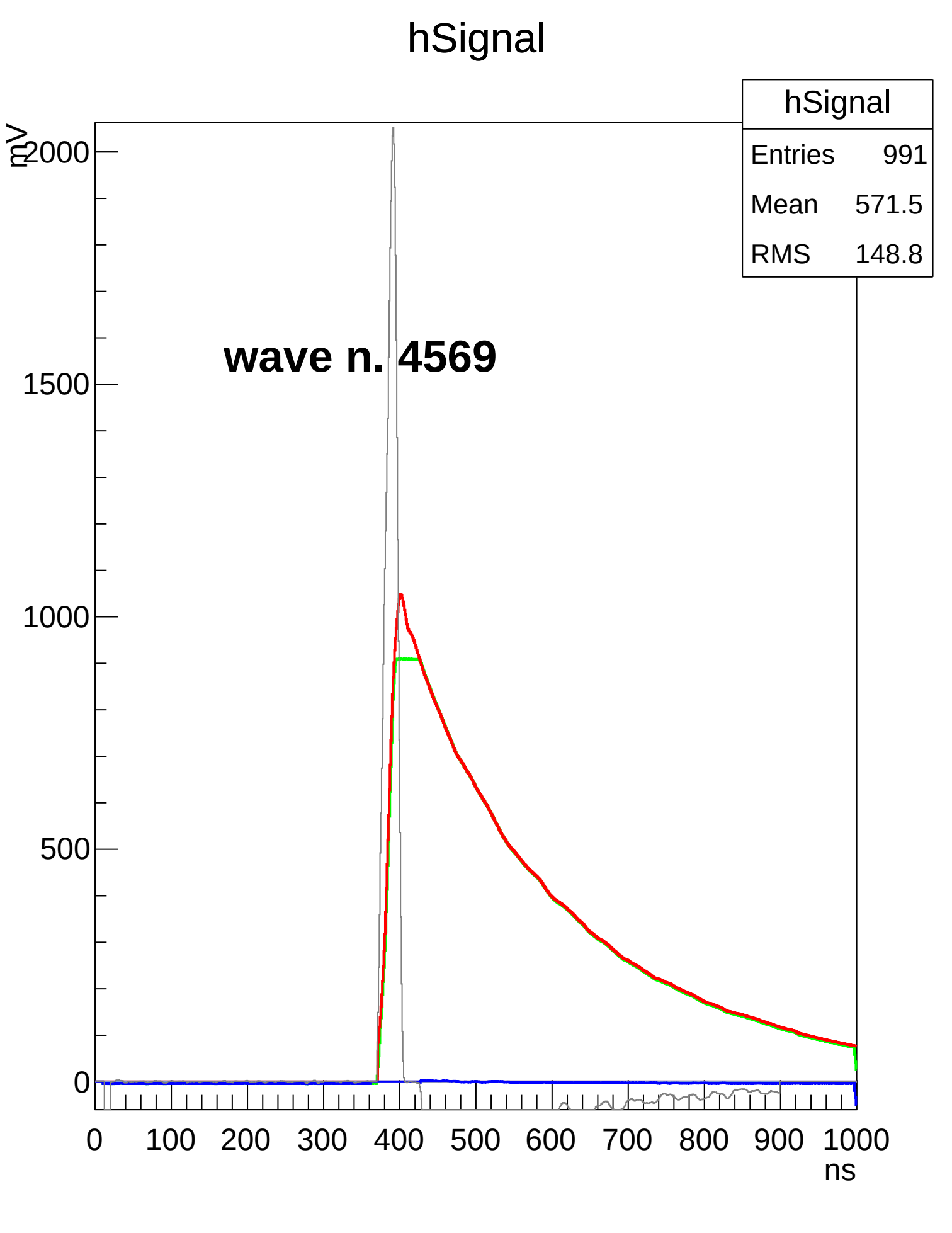
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 571.5
RMS 148.8
wave n. 4569
mV
2000
1500
1000
500
0
0
100
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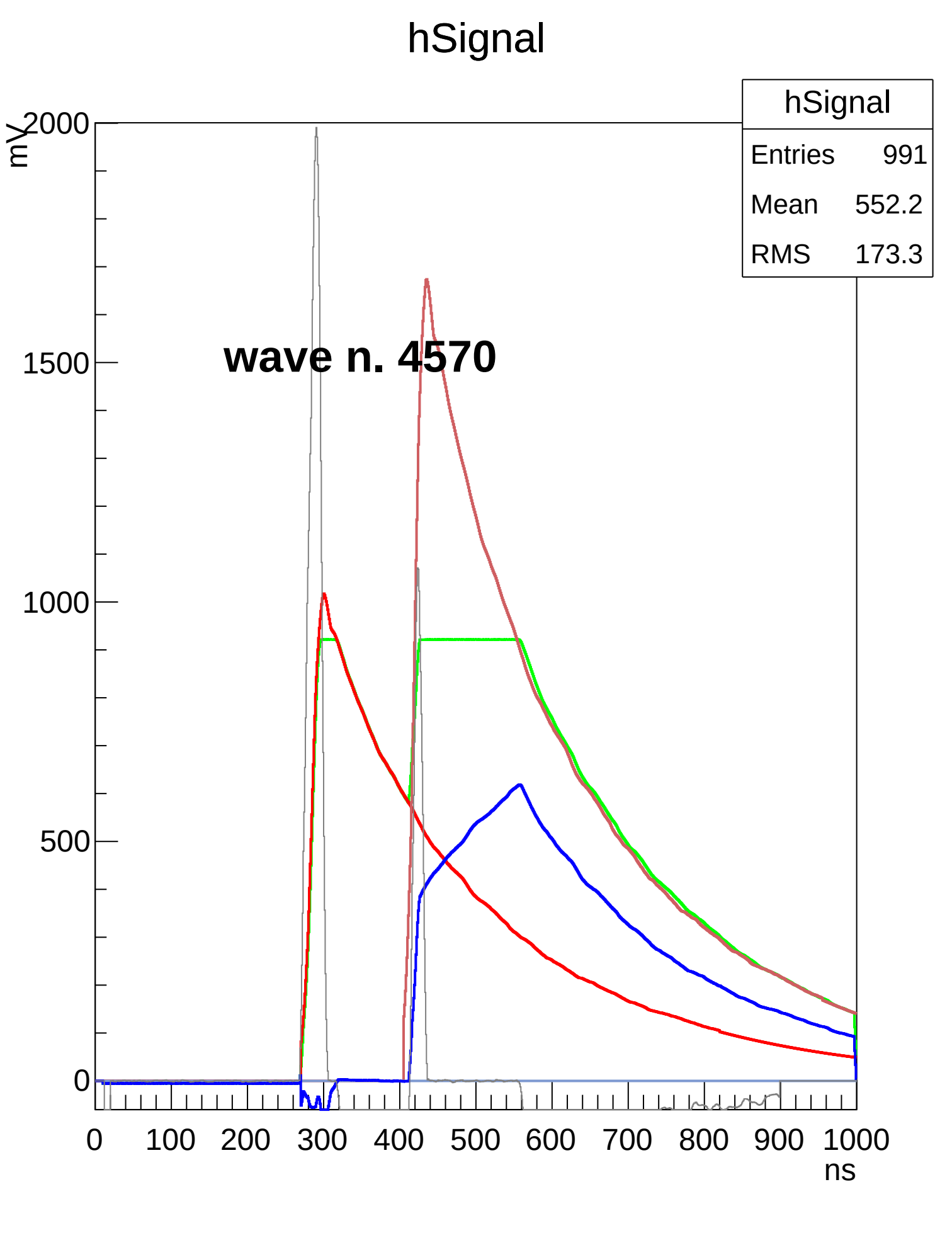
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.2
RMS 173.3
wave n. 4570
mV
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1500
1000
500
0
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100
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400
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600
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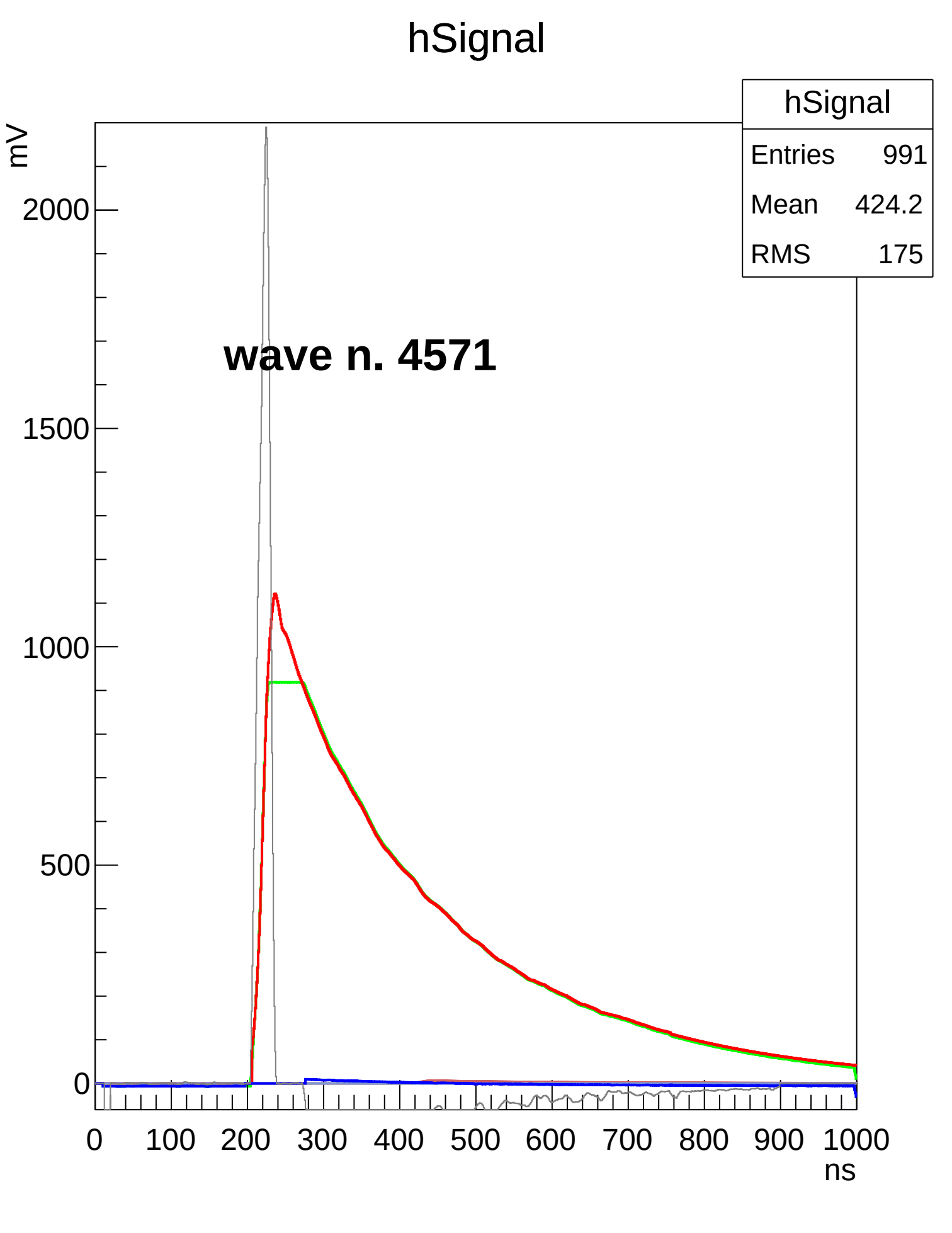
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 424.2
RMS 175
wave n. 4571
mV
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1500
1000
500
0
0
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200
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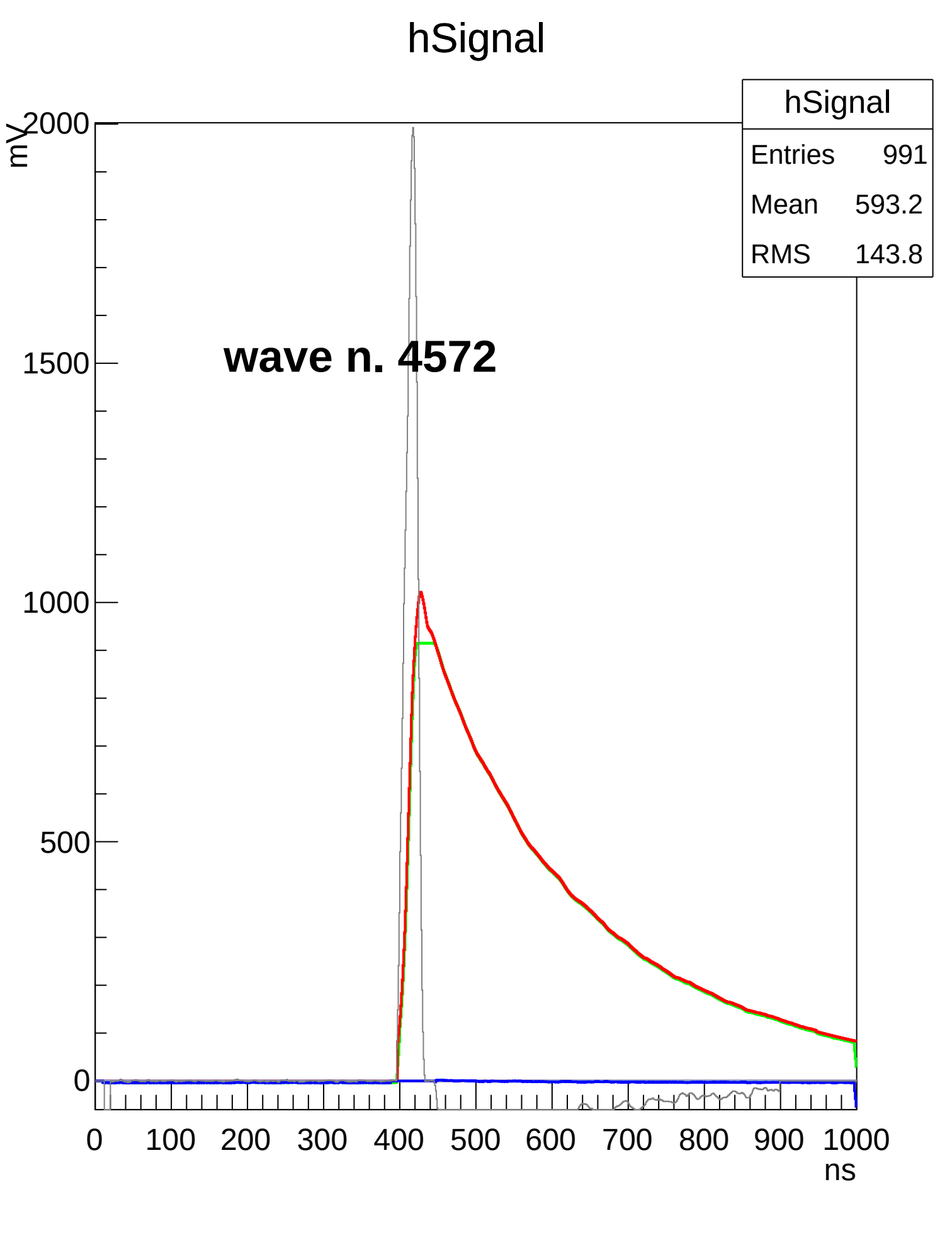
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 593.2
RMS 143.8
wave n. 4572
mV
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1500
1000
500
0
0
100
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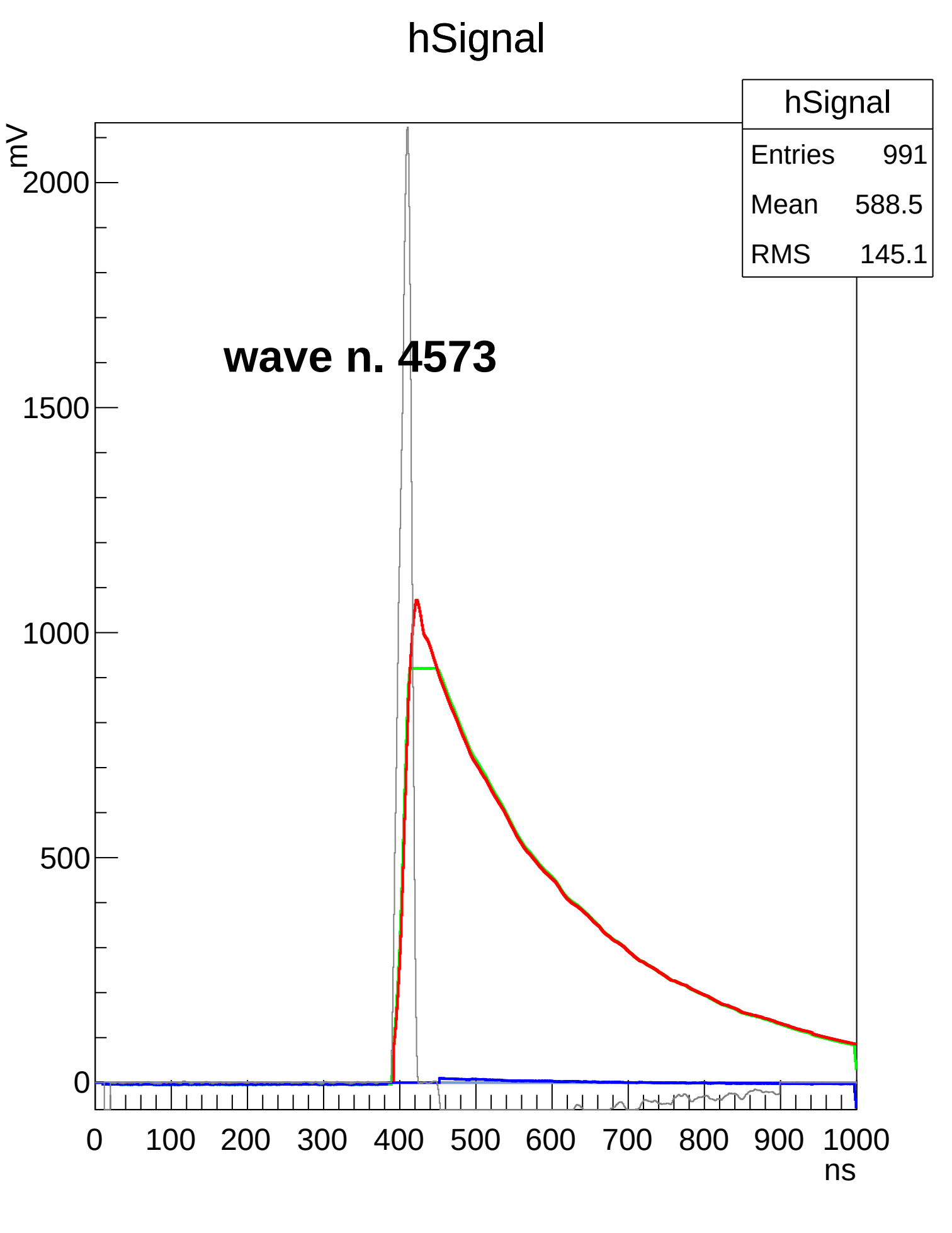
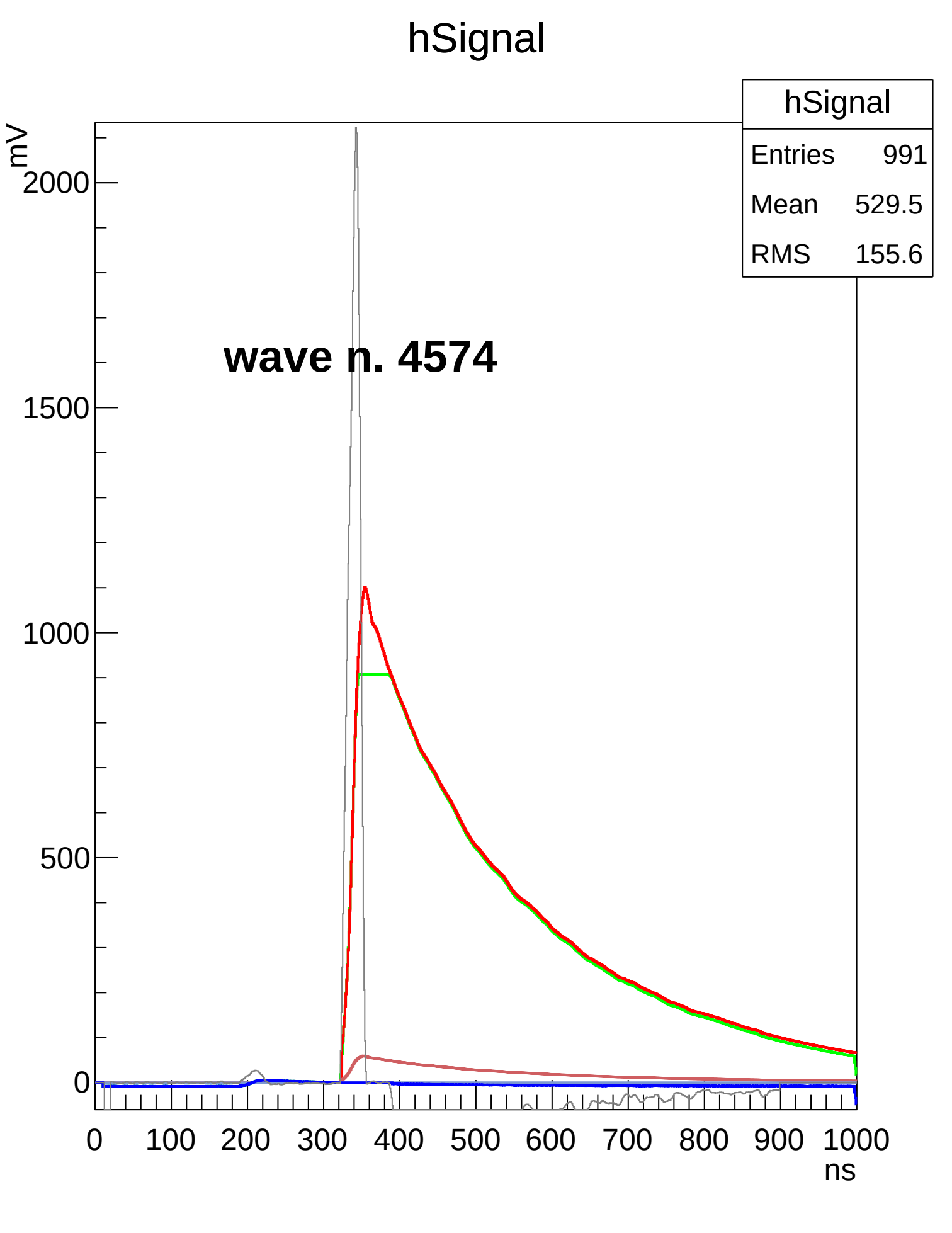
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 588.5
RMS 145.1
wave n. 4573
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 529.5
RMS 155.6
wave n. 4574
mV
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1500
1000
500
0
0
100
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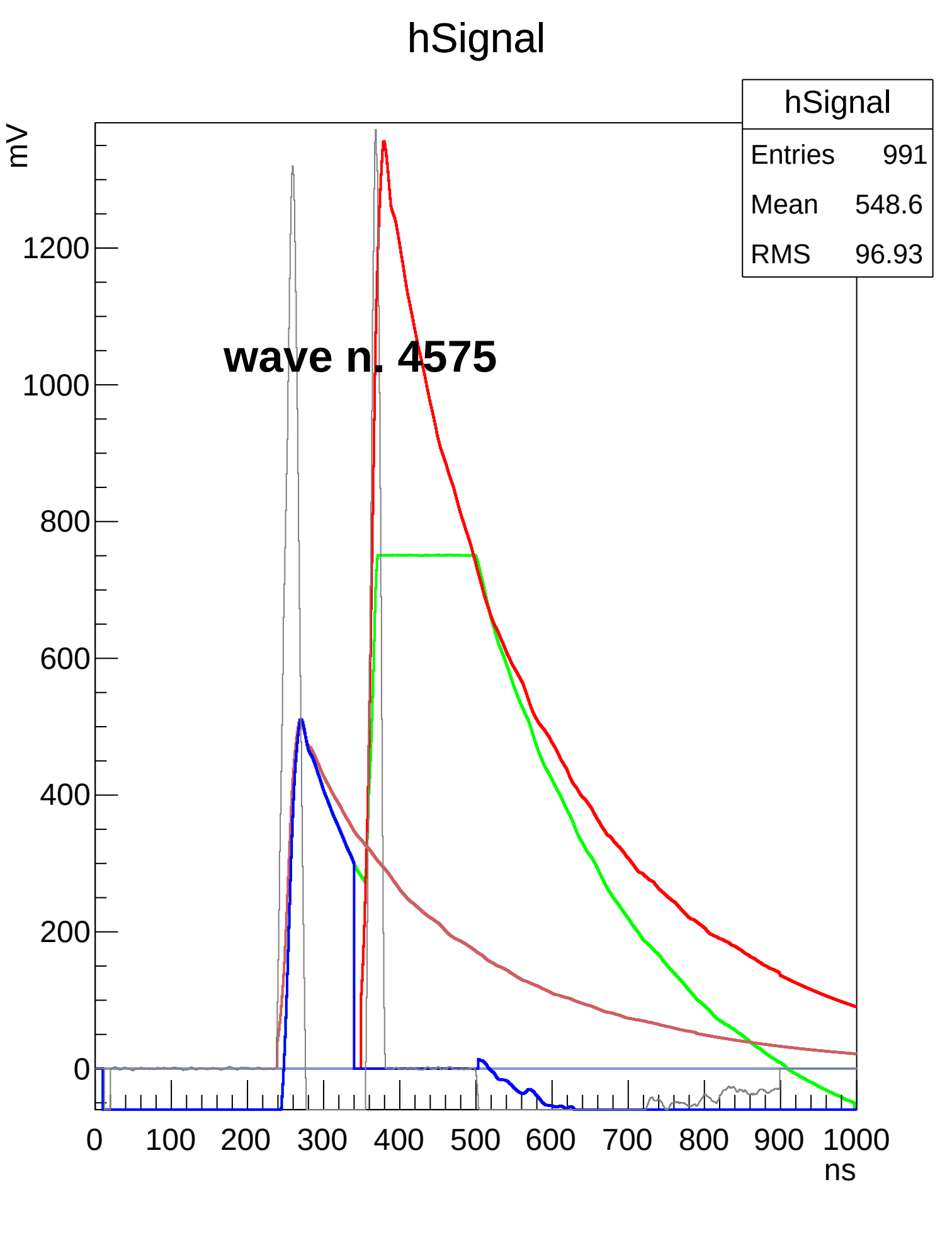
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 548.6
RMS 96.93
wave n. 4575
mV
1200
1000
800
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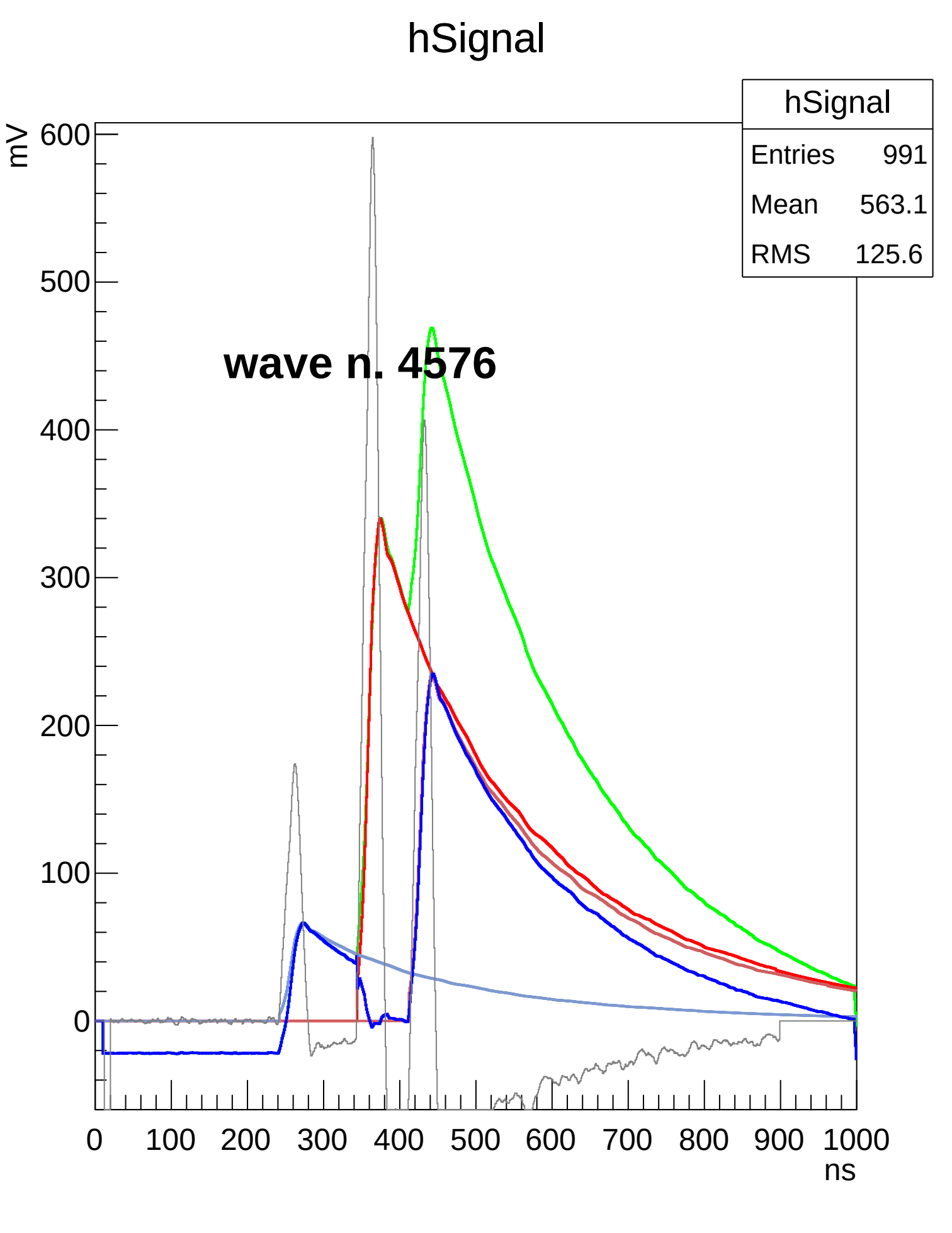
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 563.1
RMS 125.6
wave n. 4576
mV
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300
200
100
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0
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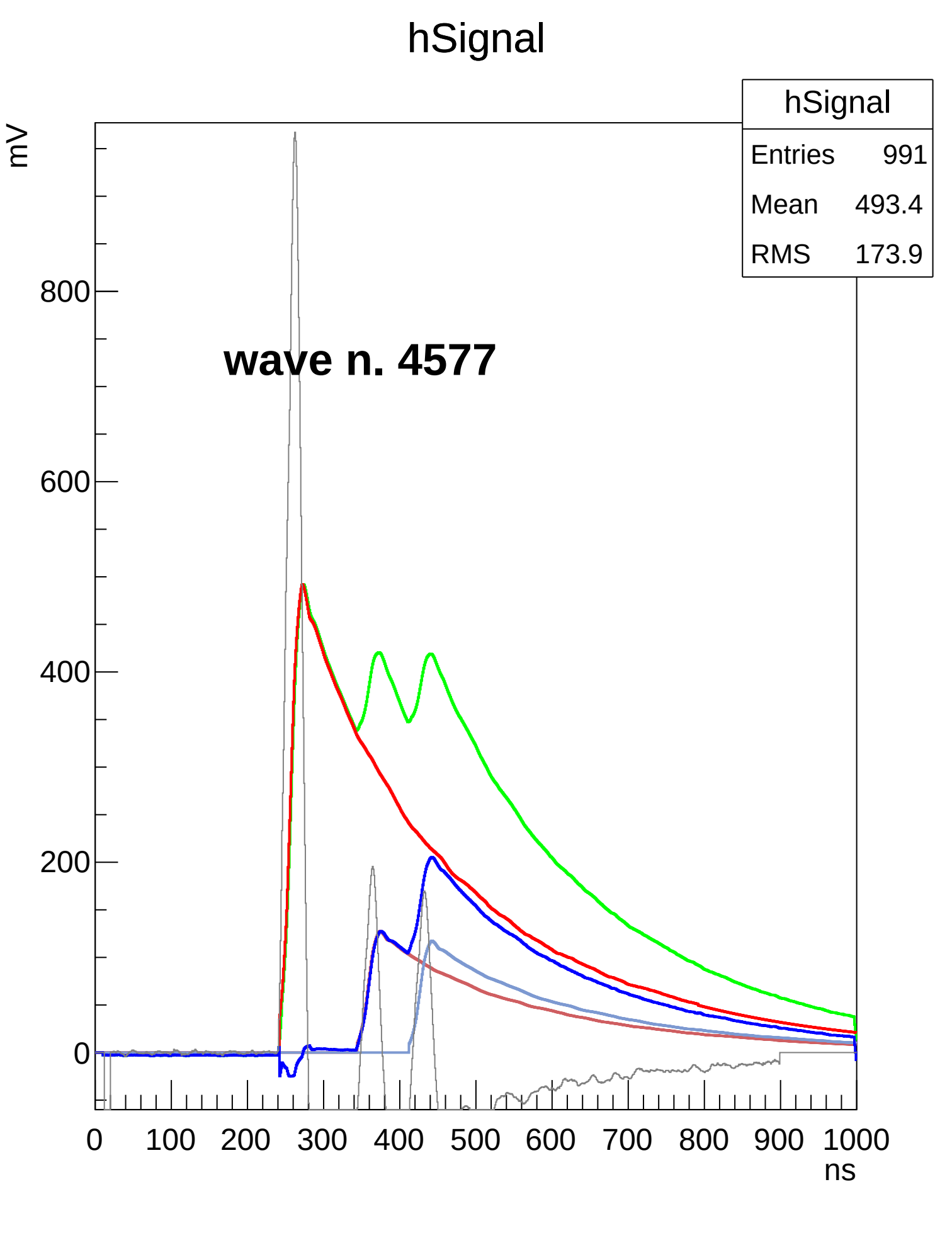
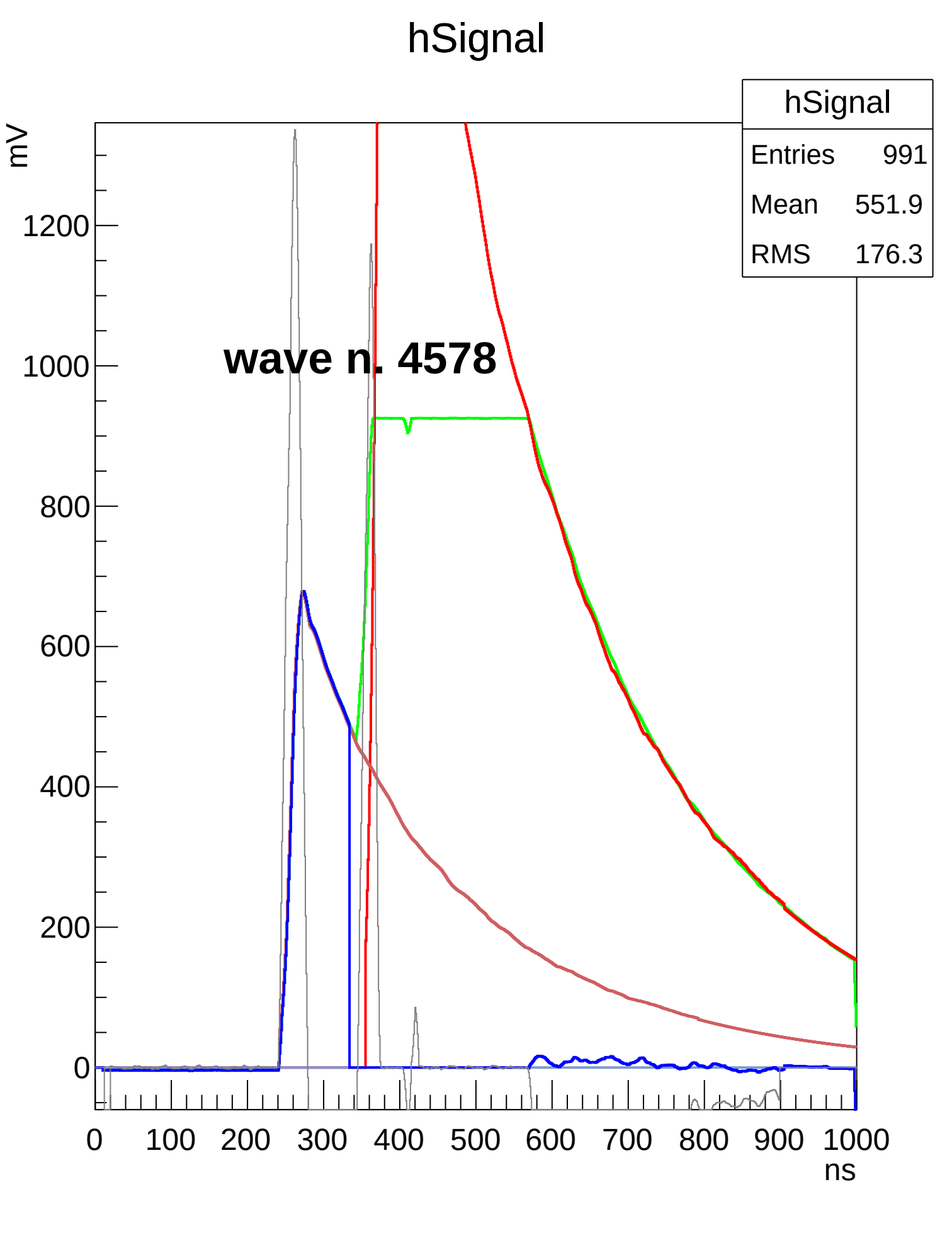
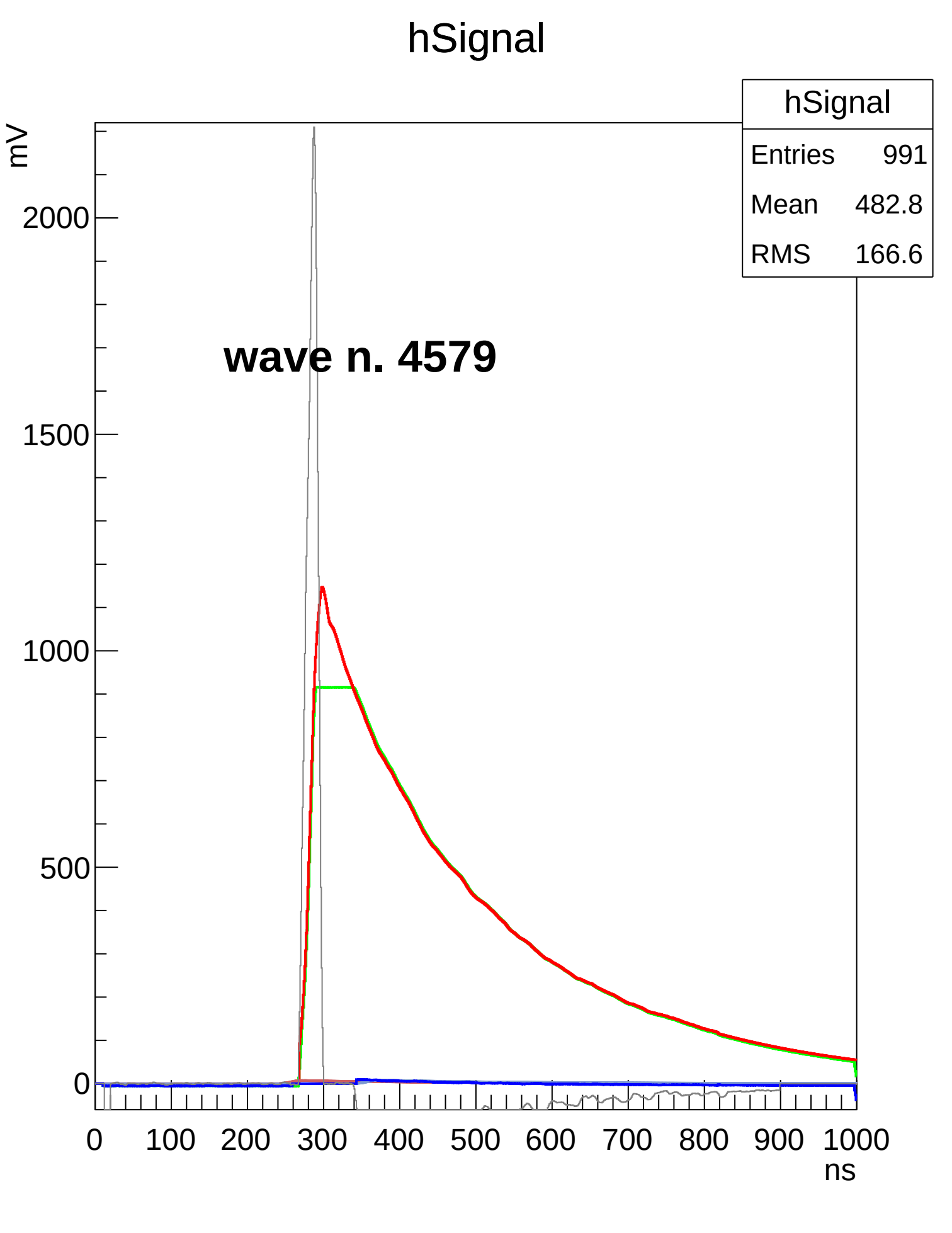
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 493.4
RMS 173.9
wave n. 4577
mV
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 551.9
RMS 176.3
wave n. 4578
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 482.8
RMS 166.6
wave n. 4579
mV
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1500
1000
500
0
0
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200
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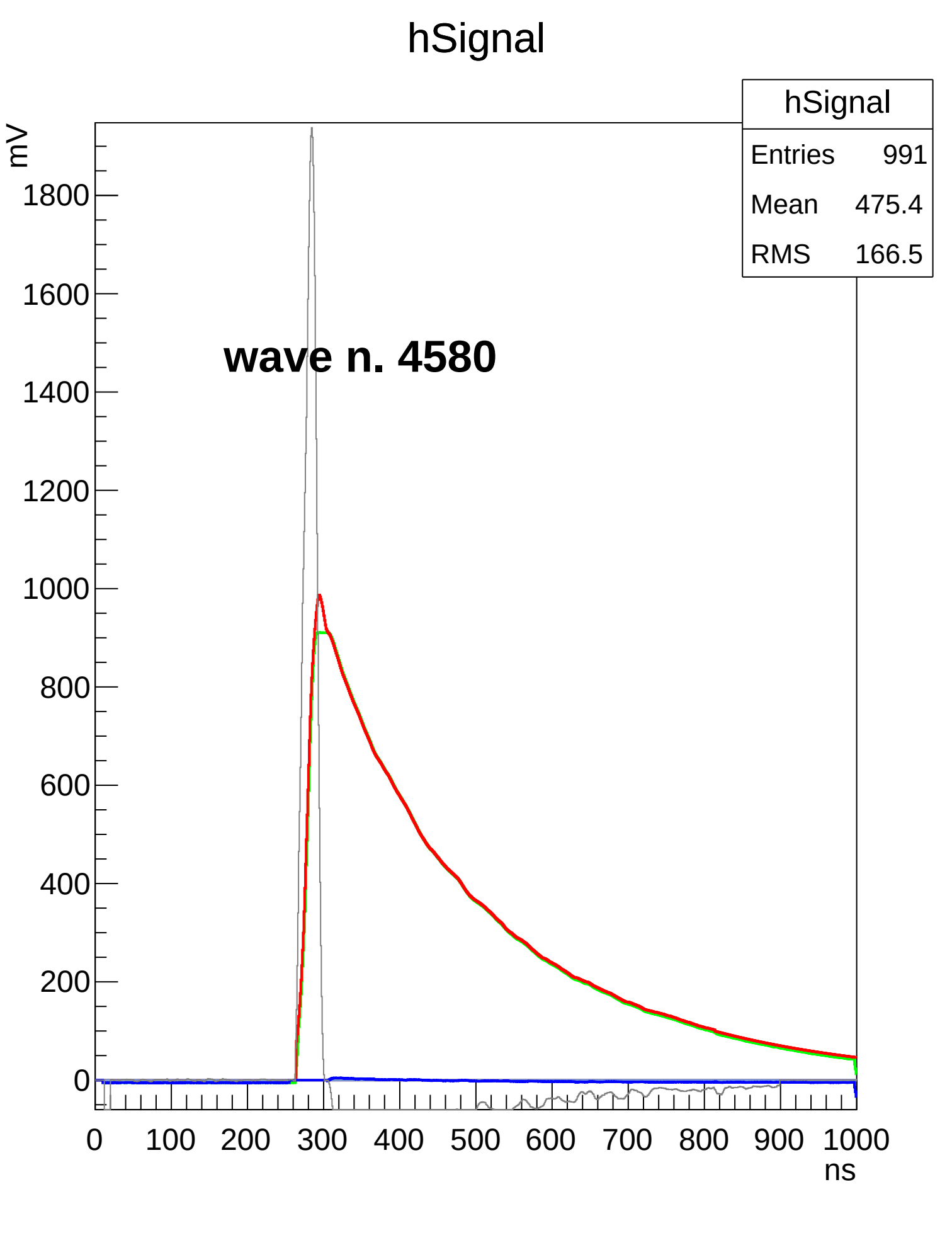
400
500
600
700
800
900
1000
ns


hSignal
hSignal
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Mean 475.4
RMS 166.5
wave n. 4580
mV
1800
1600
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600
400
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0
100
200
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400
500
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900
1000
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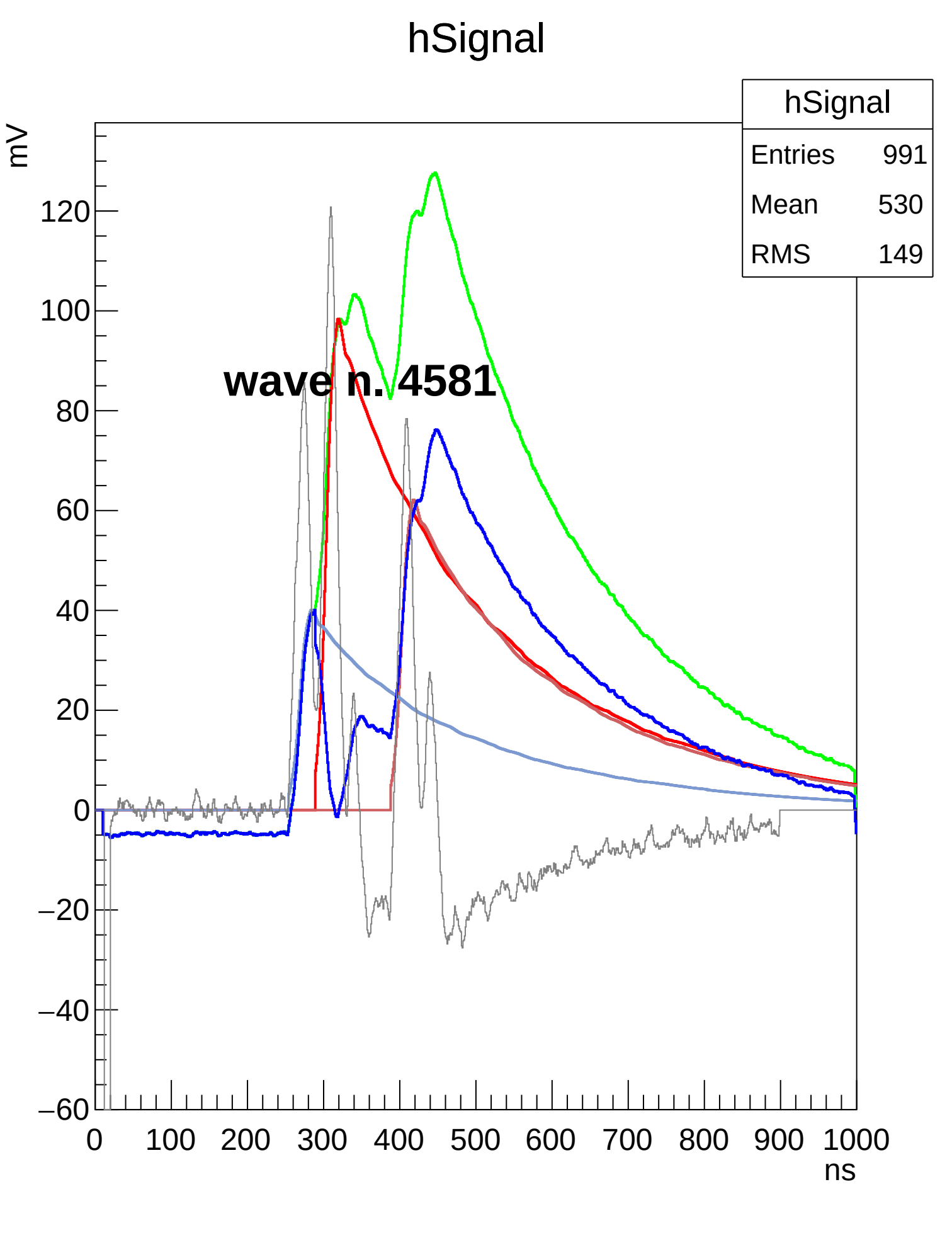
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hSignal
Entries 991
Mean 530
RMS 149
wave n. 4581
mV
120
100
80
60
40
20
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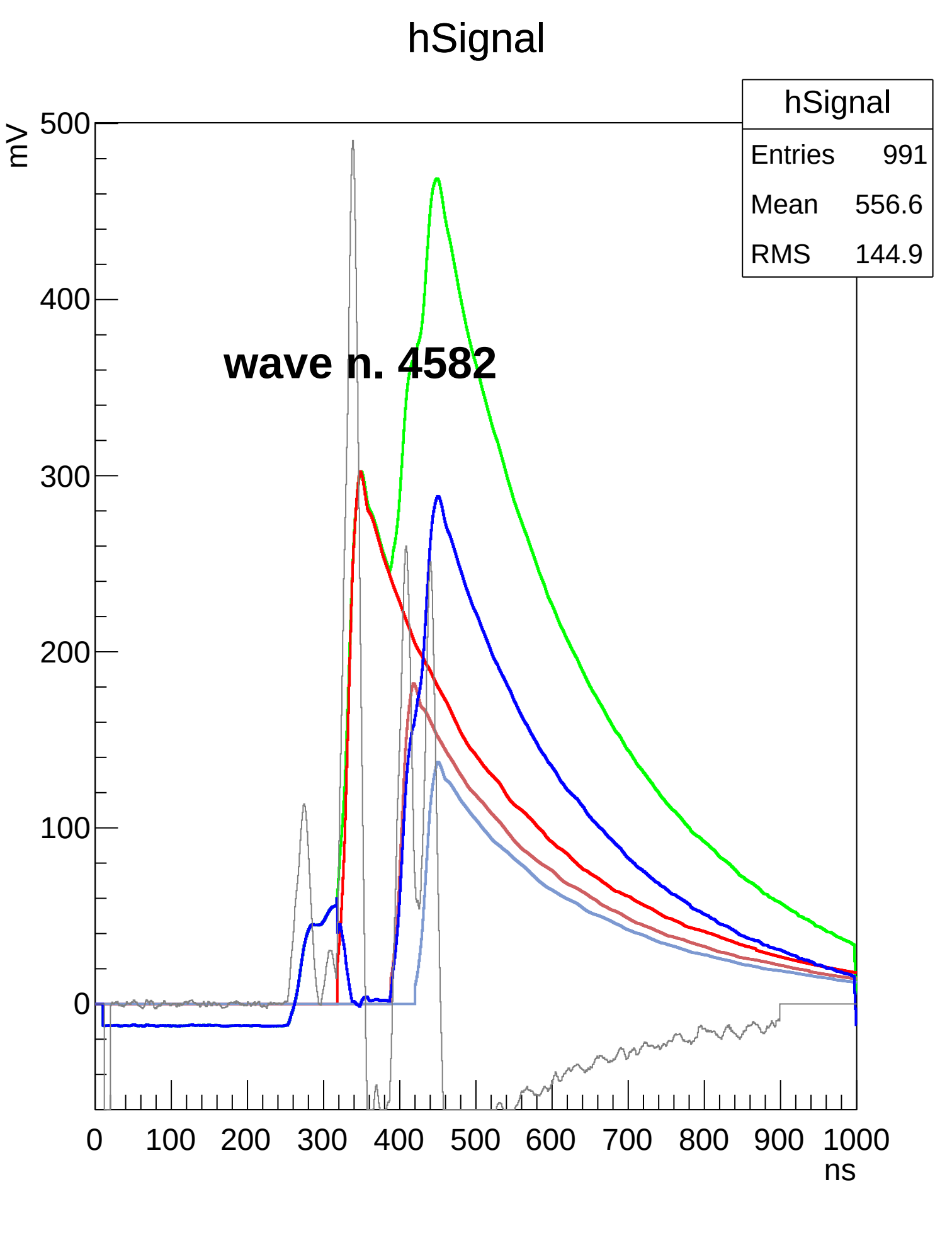
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns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Entries 991
Mean 556.6
RMS 144.9
wave n. 4582
mV
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400
300
200
100
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0
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300
400
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600
700
800
900
1000
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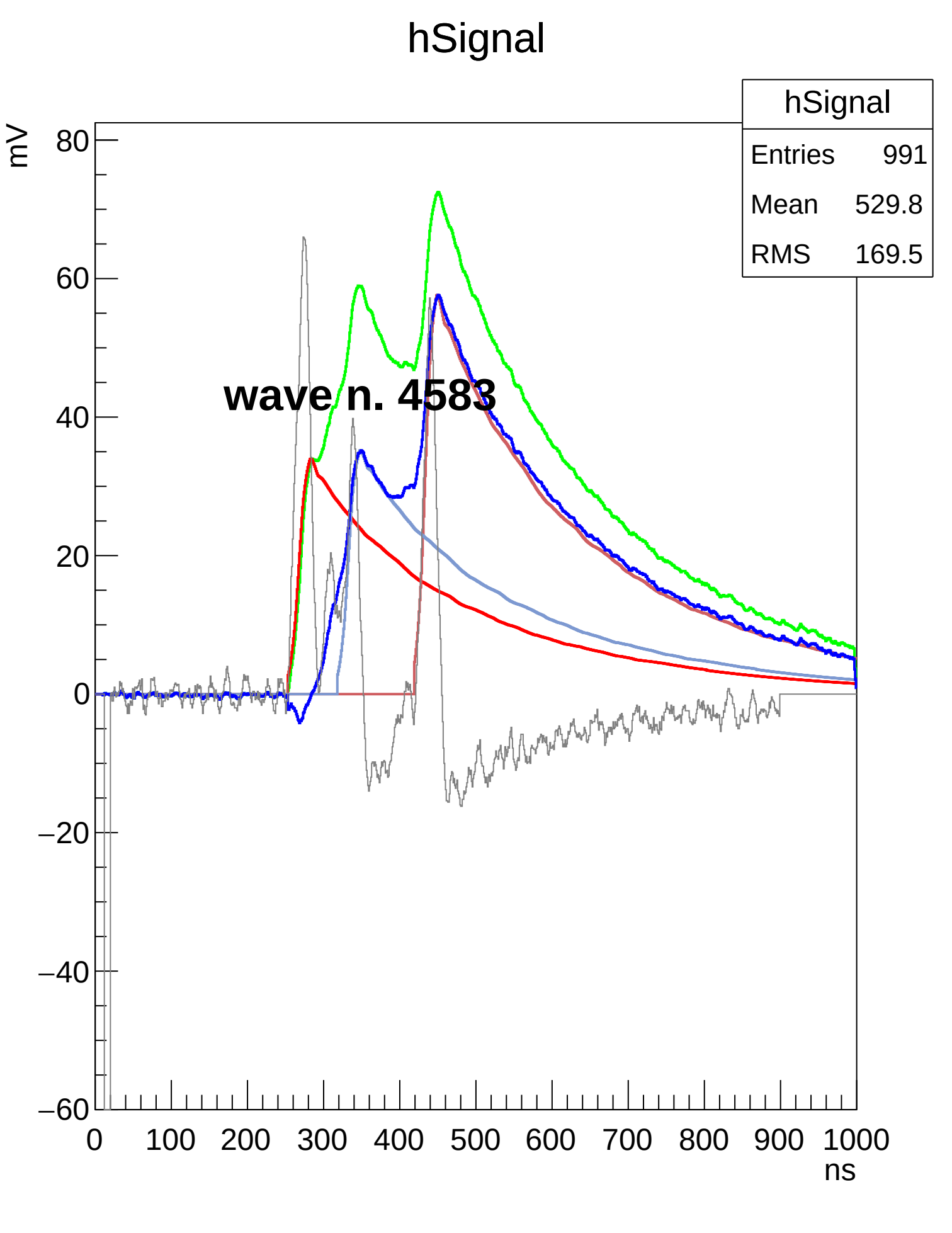
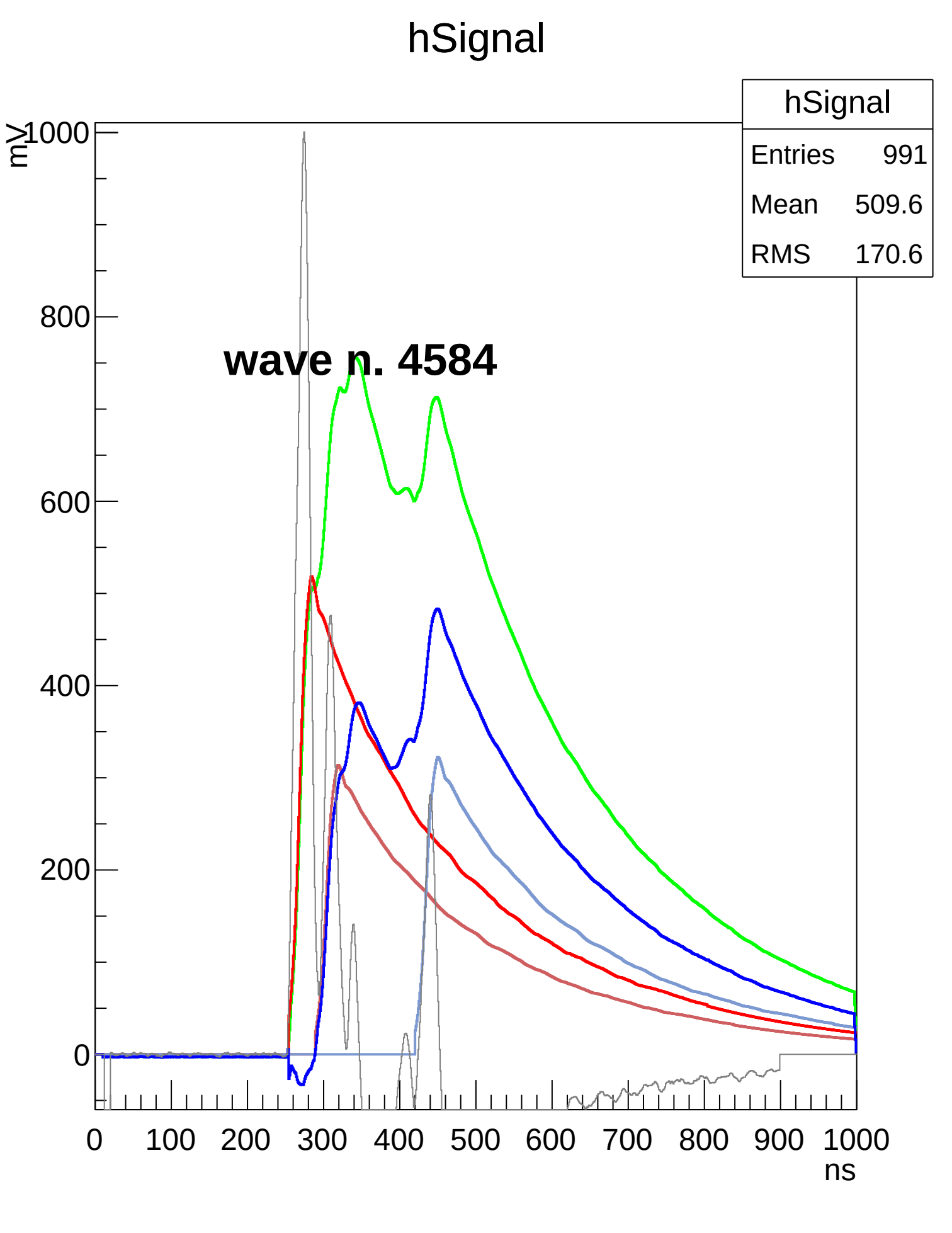
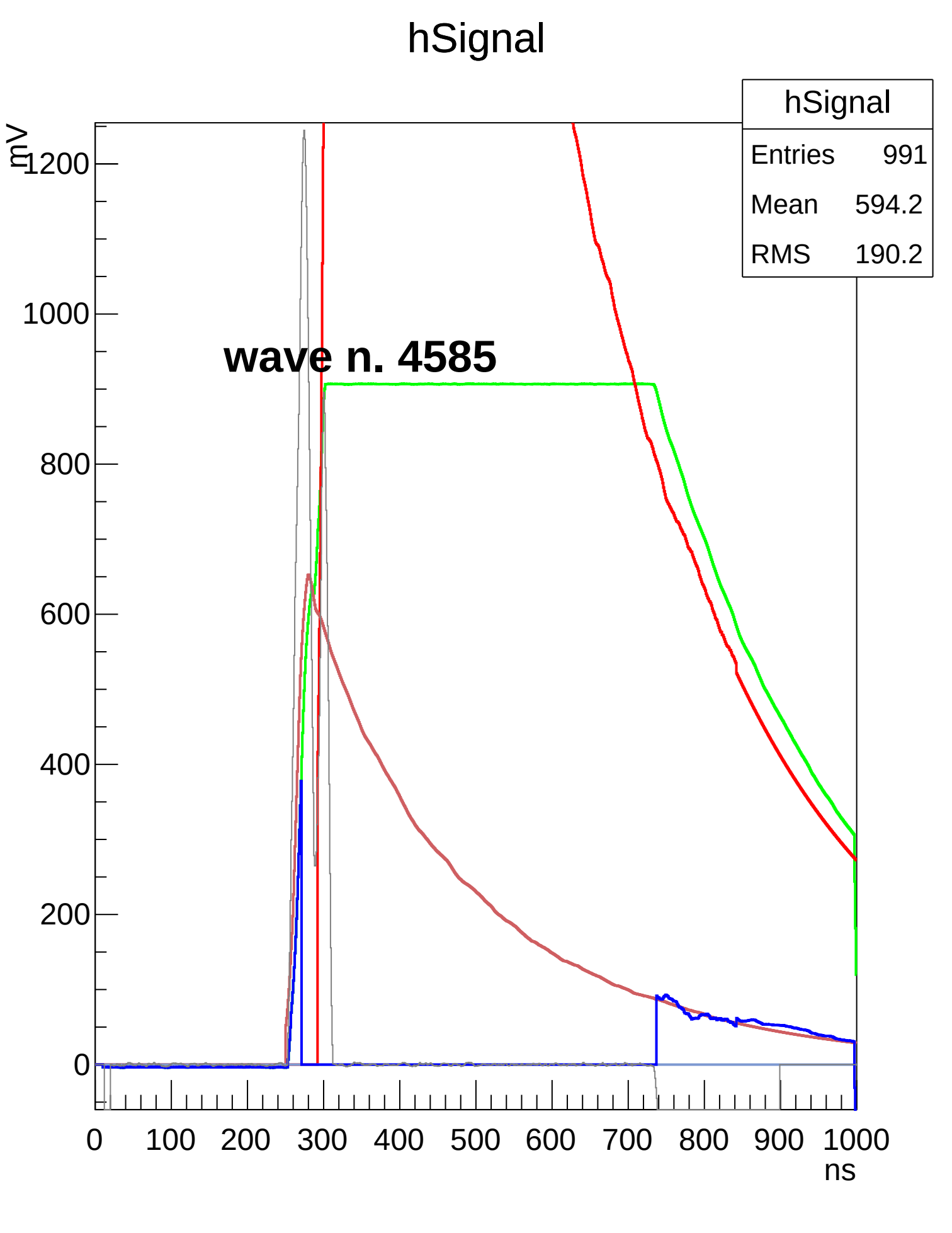
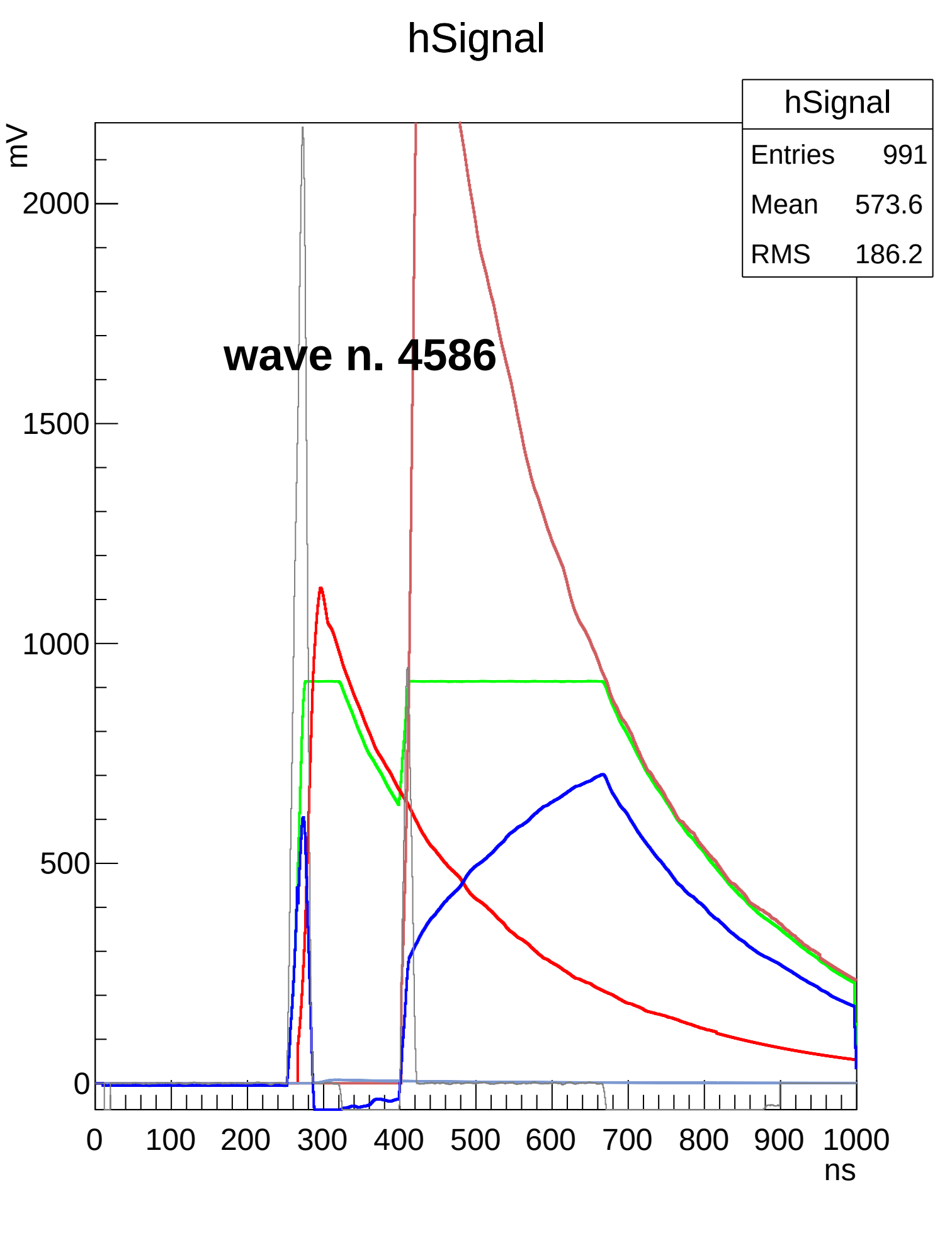
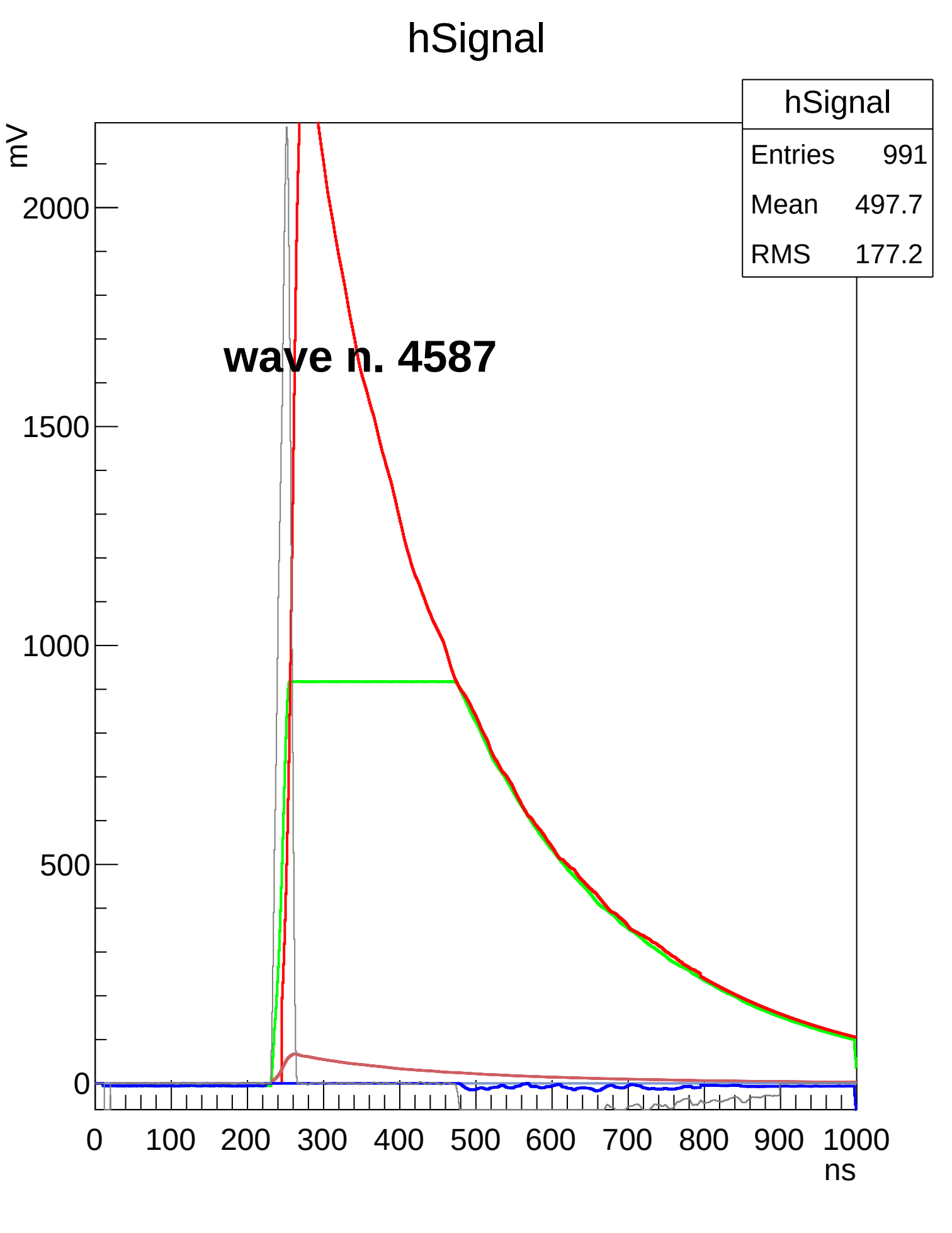
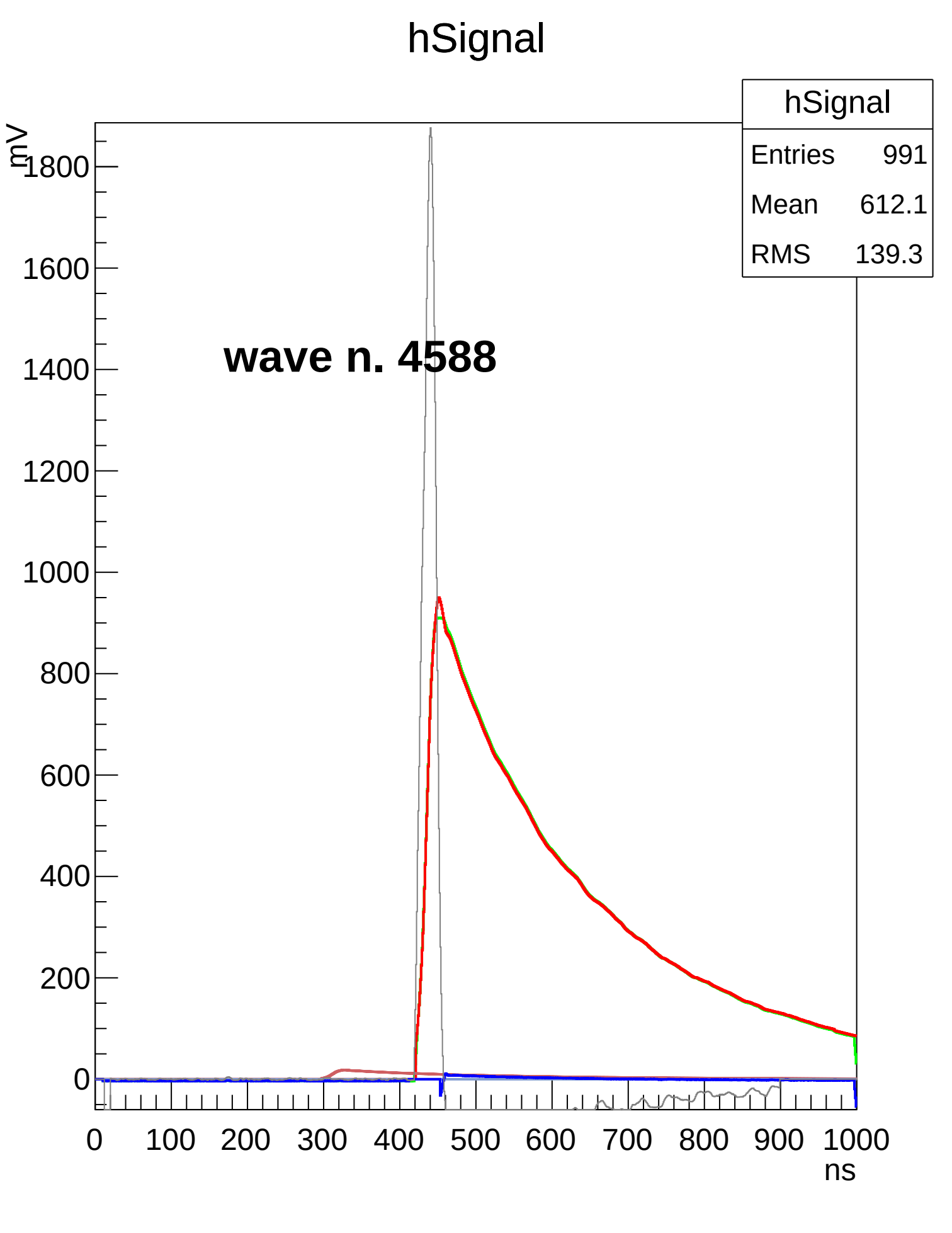

hSignal
hSignal
Entries 991
Mean 529.8
RMS 169.5
wave n. 4583
mV
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns

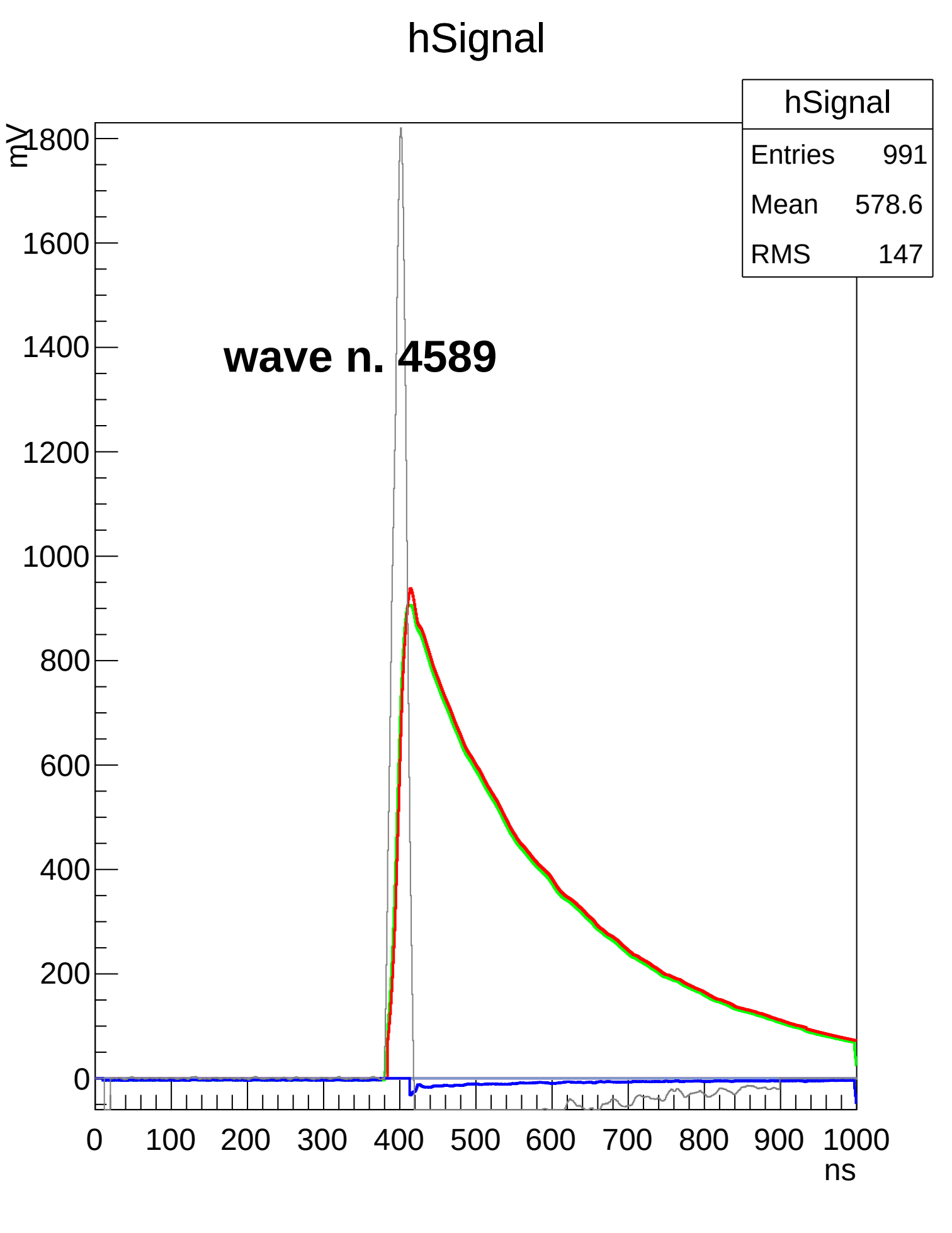

hSignal
hSignal
Entries 991
Mean 509.6
RMS 170.6
wave n. 4584
mV
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

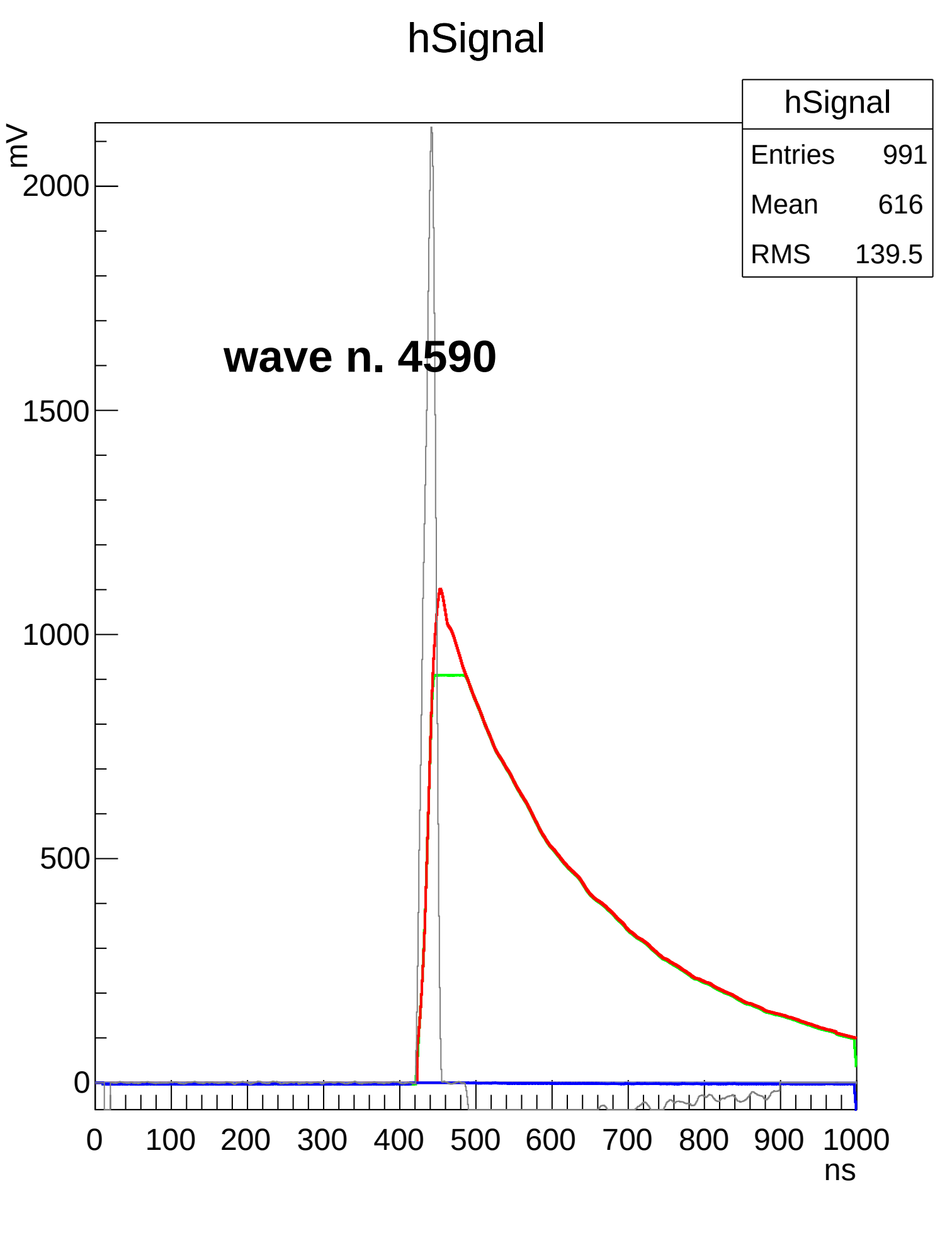

hSignal
hSignal
Entries 991
Mean 594.2
RMS 190.2
wave n. 4585
mV
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.6
RMS 186.2
wave n. 4586
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 497.7
RMS 177.2
wave n. 4587
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 612.1
RMS 139.3
wave n. 4588
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578.6
RMS 147
wave n. 4589
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 616
RMS 139.5
wave n. 4590
mV
2000
1500
1000
500
0
0
100
200
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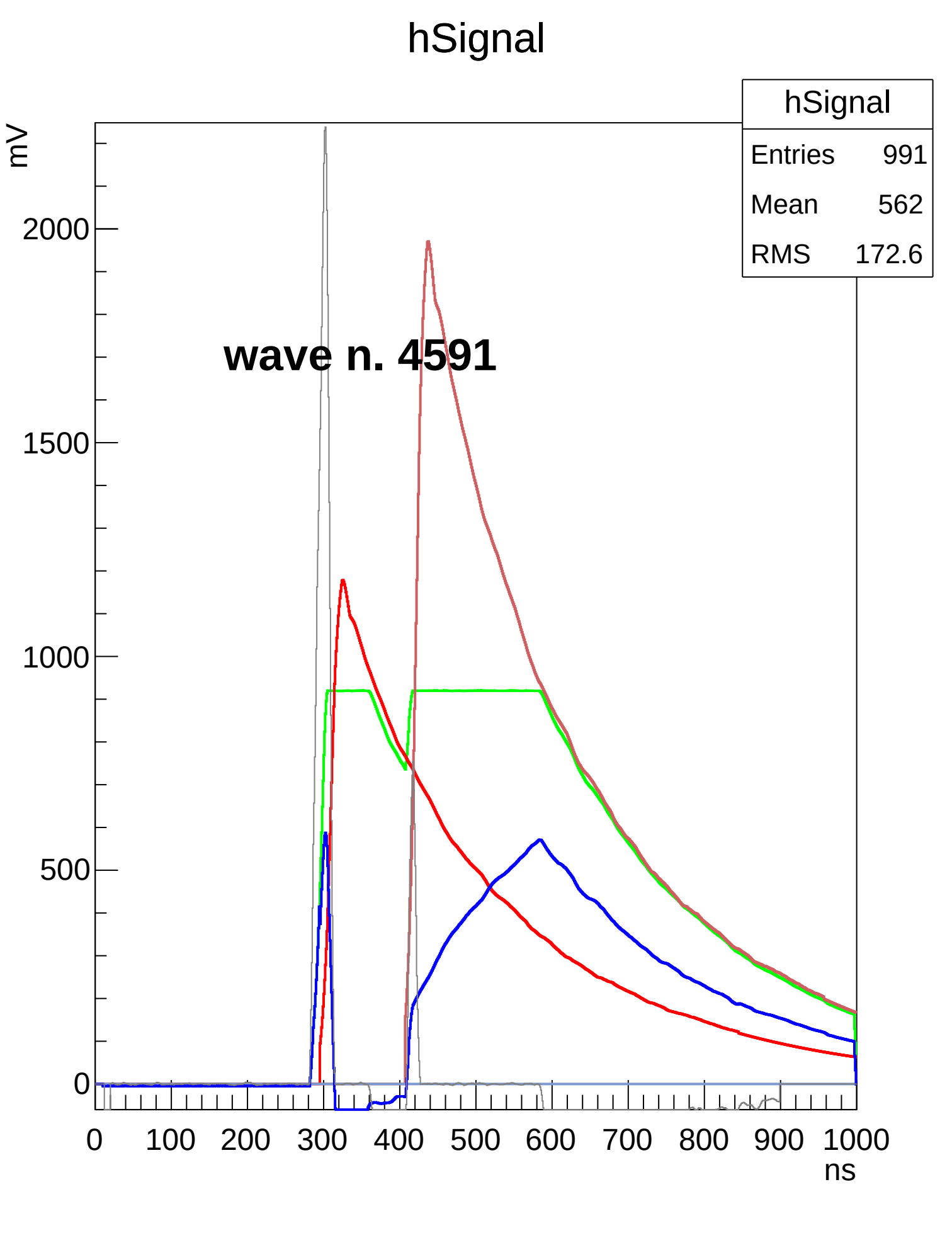
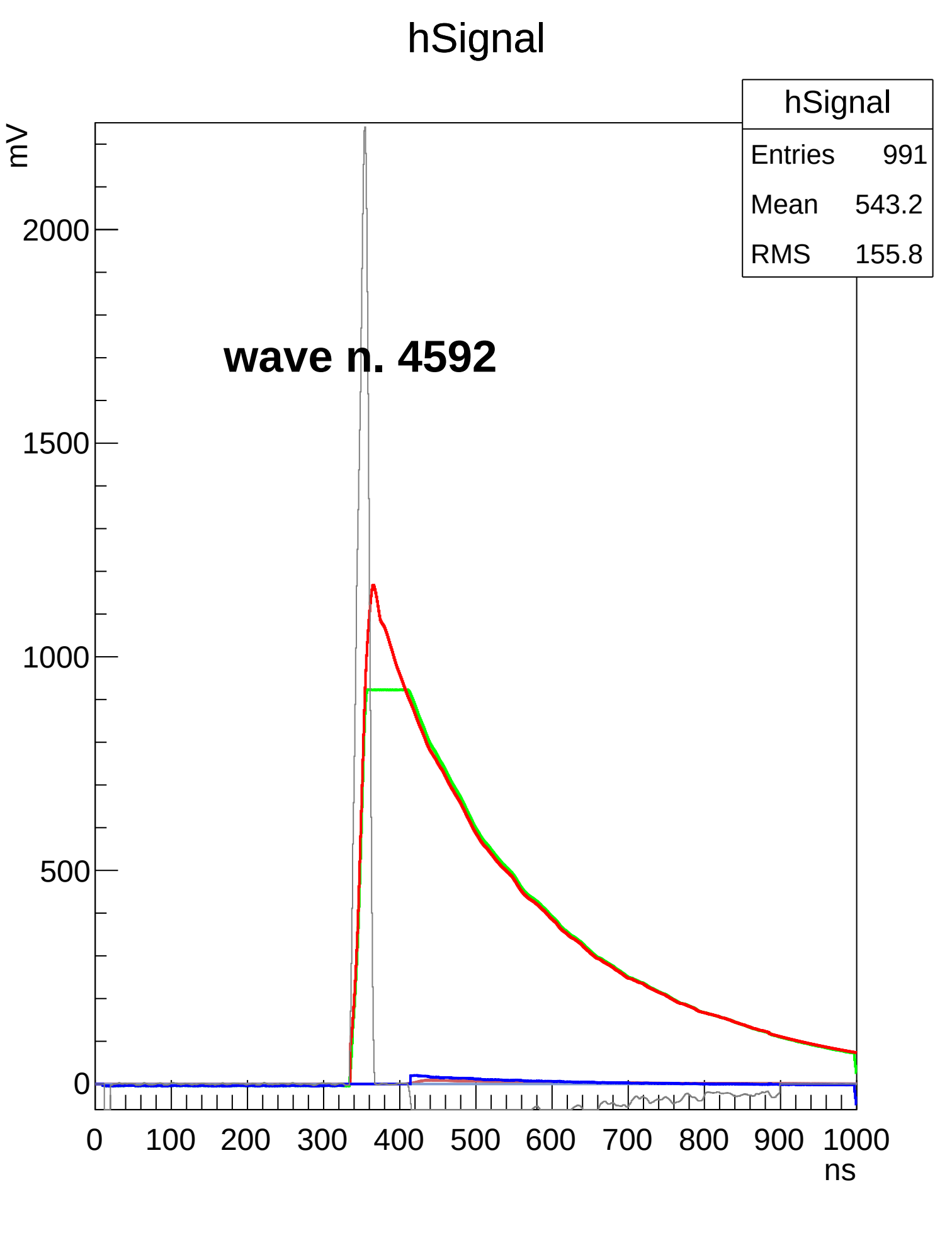
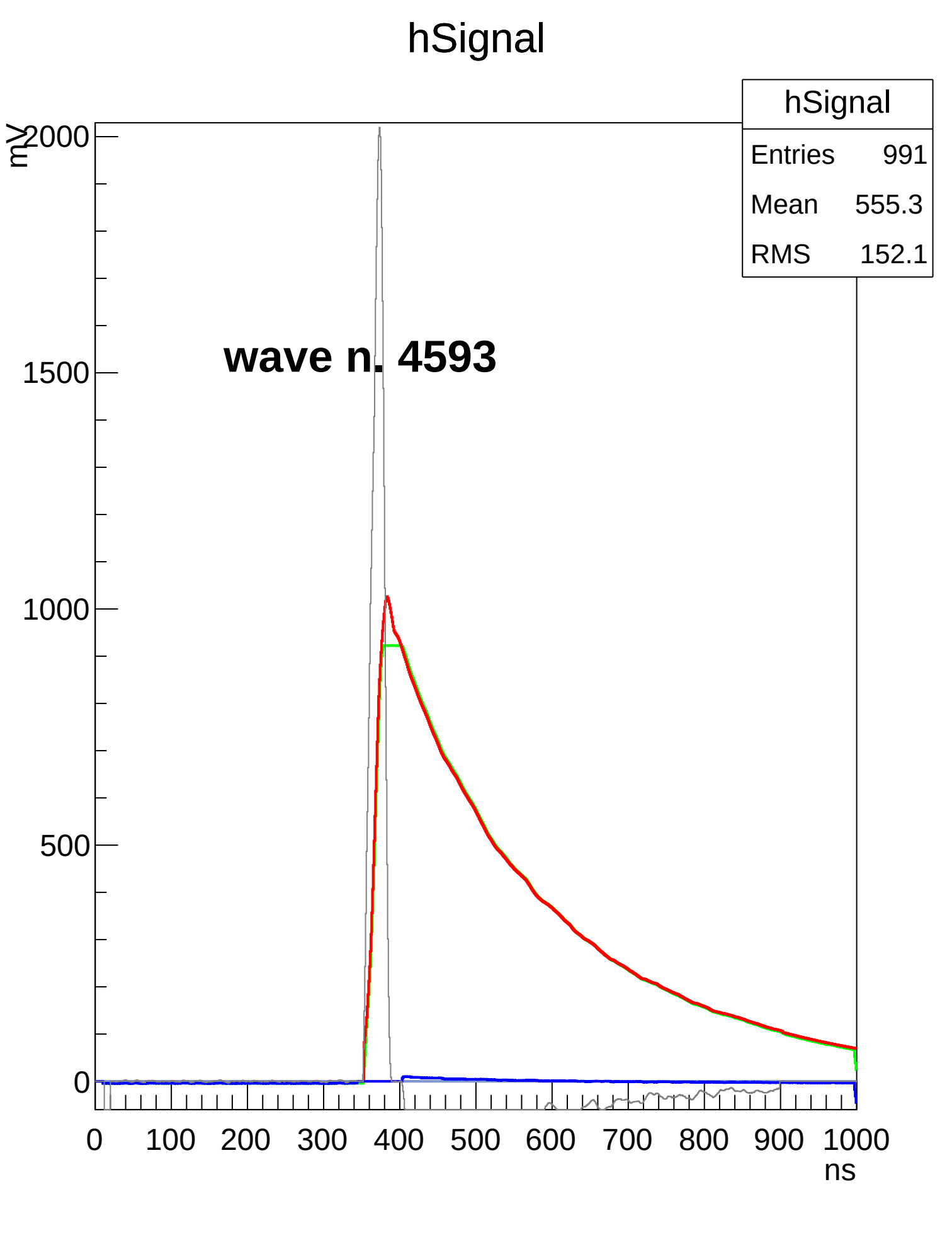
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 562
RMS 172.6
wave n. 4591
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 543.2
RMS 155.8
wave n. 4592
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 555.3
RMS 152.1
wave n. 4593
mV
2000
1500
1000
500
0
0
100
200
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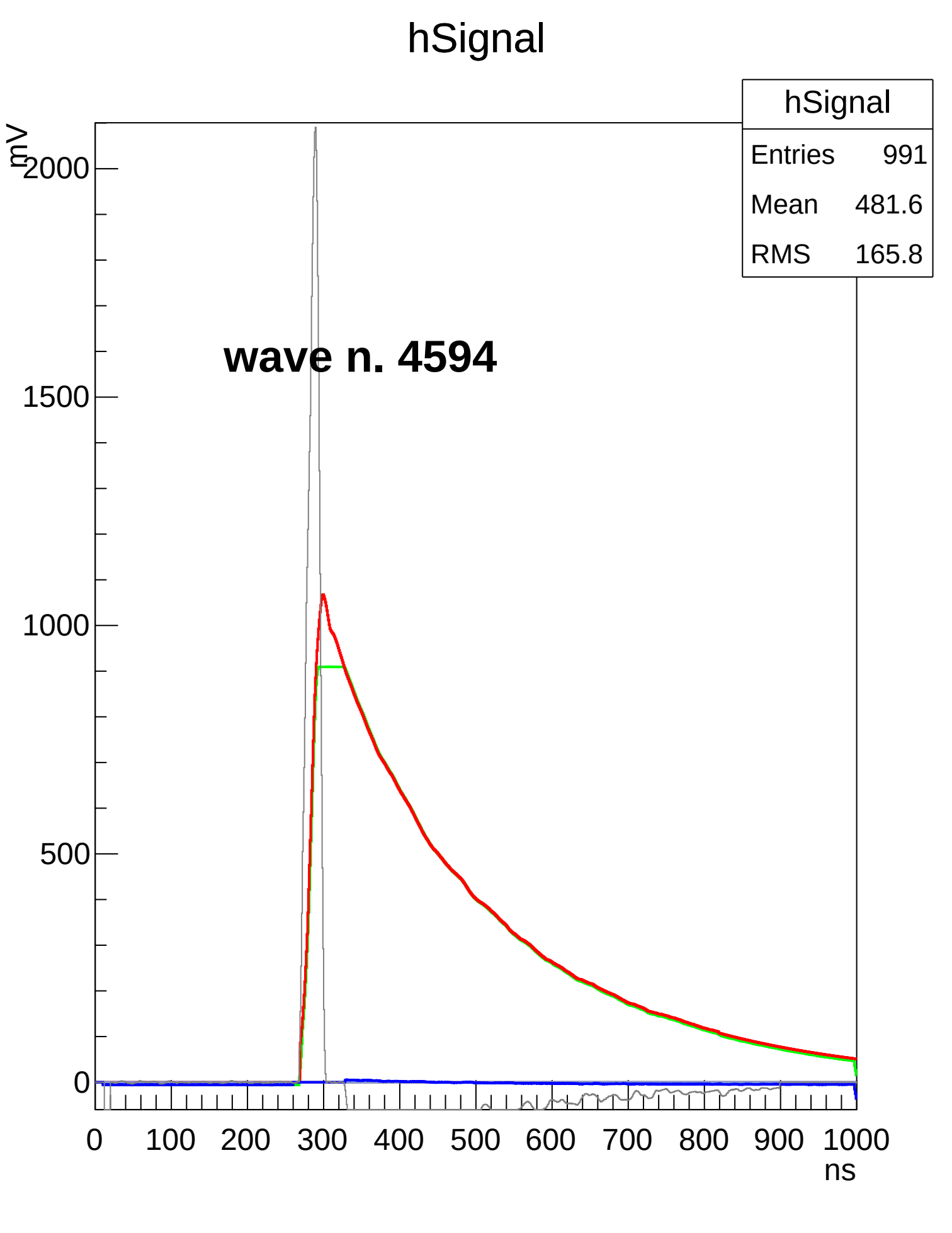
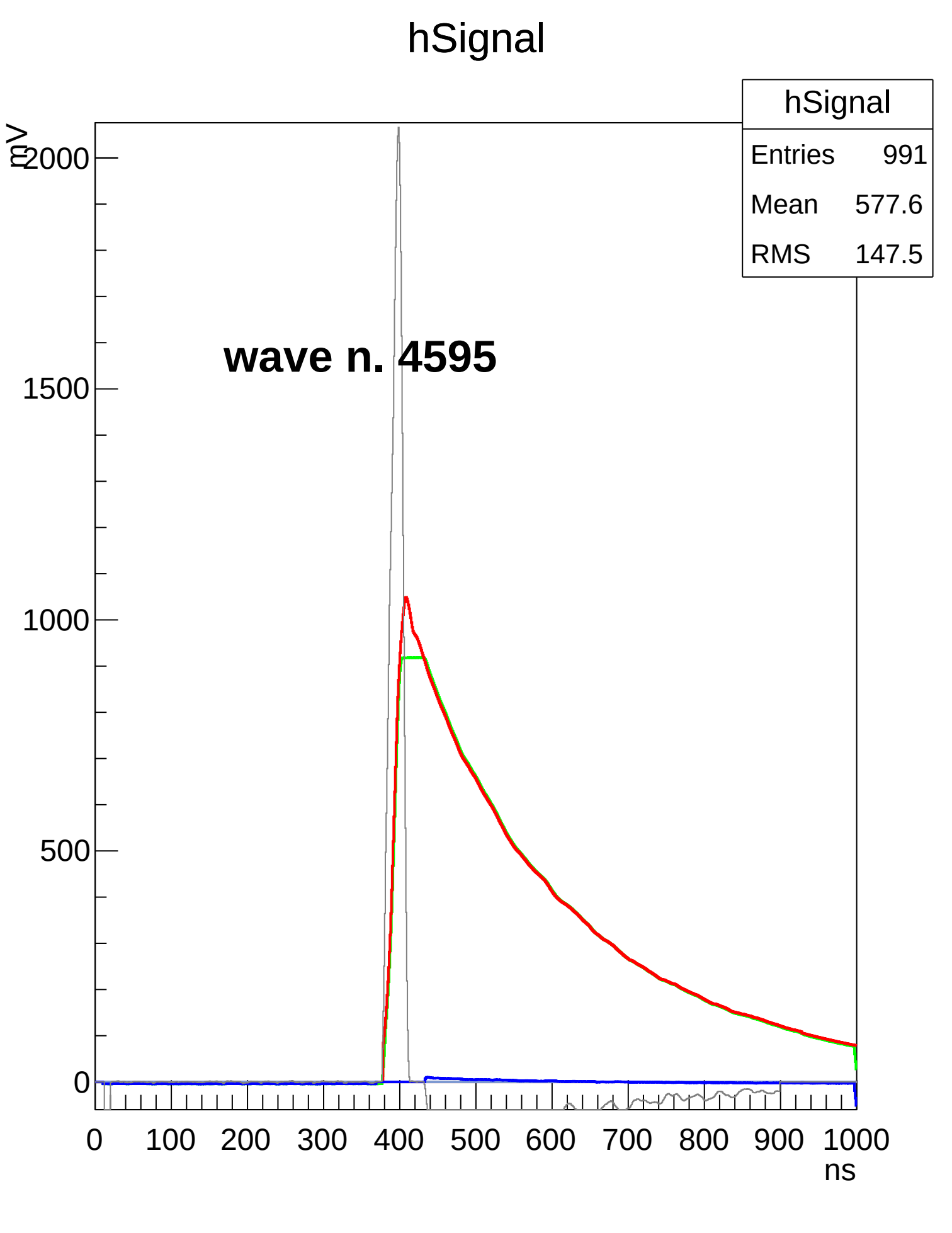
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481.6
RMS 165.8
wave n. 4594
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.6
RMS 147.5
wave n. 4595
mV
2000
1500
1000
500
0
0
100
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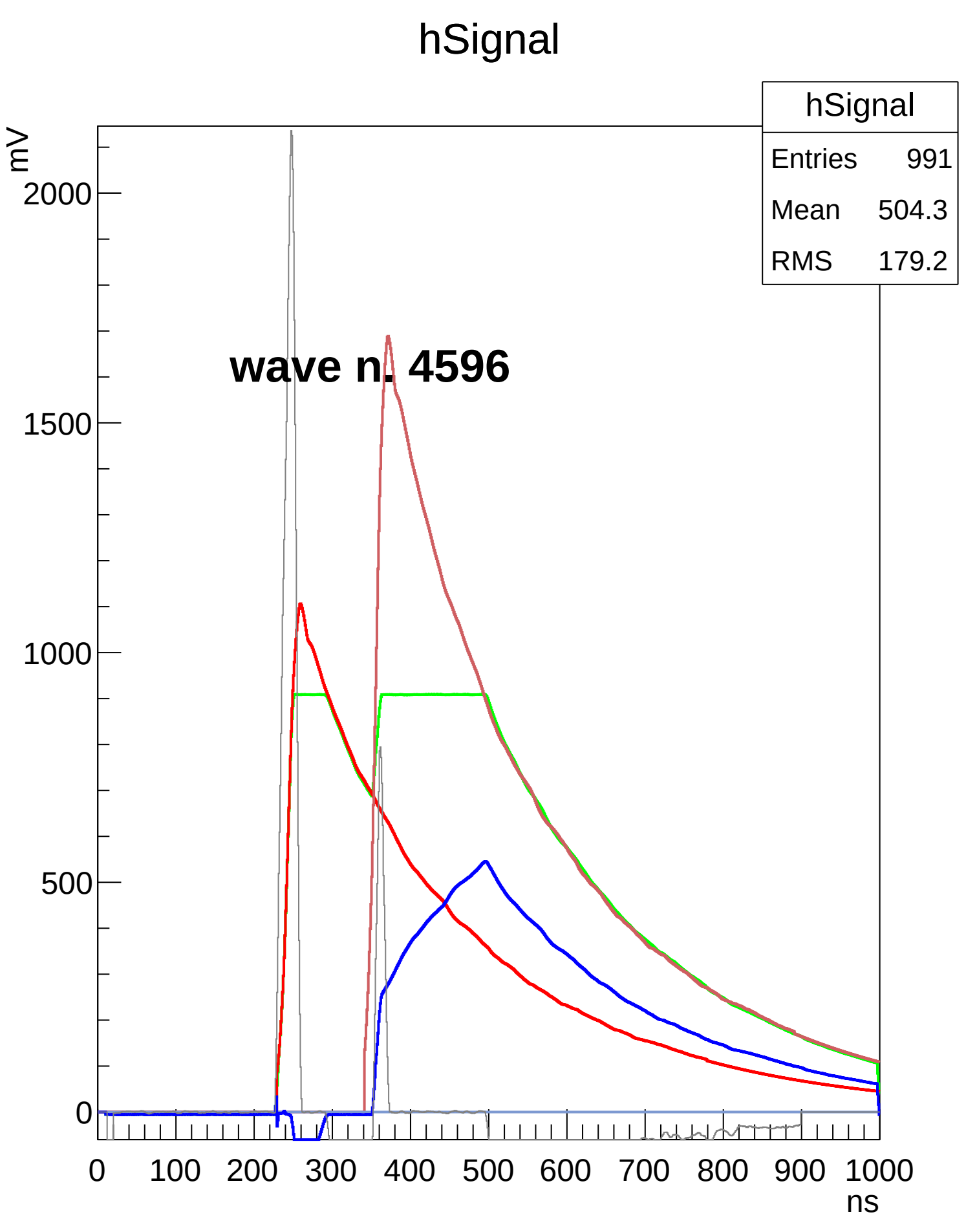
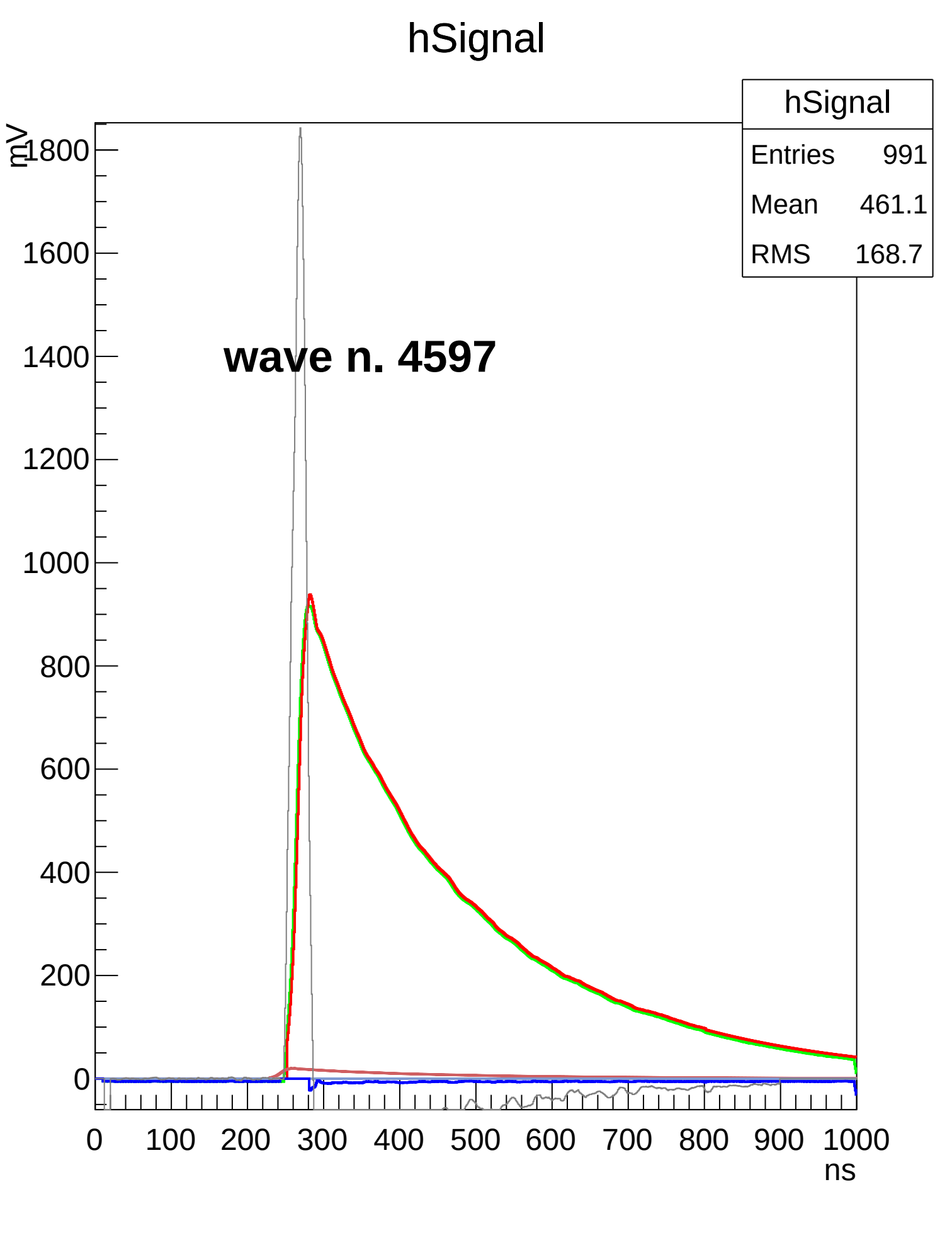
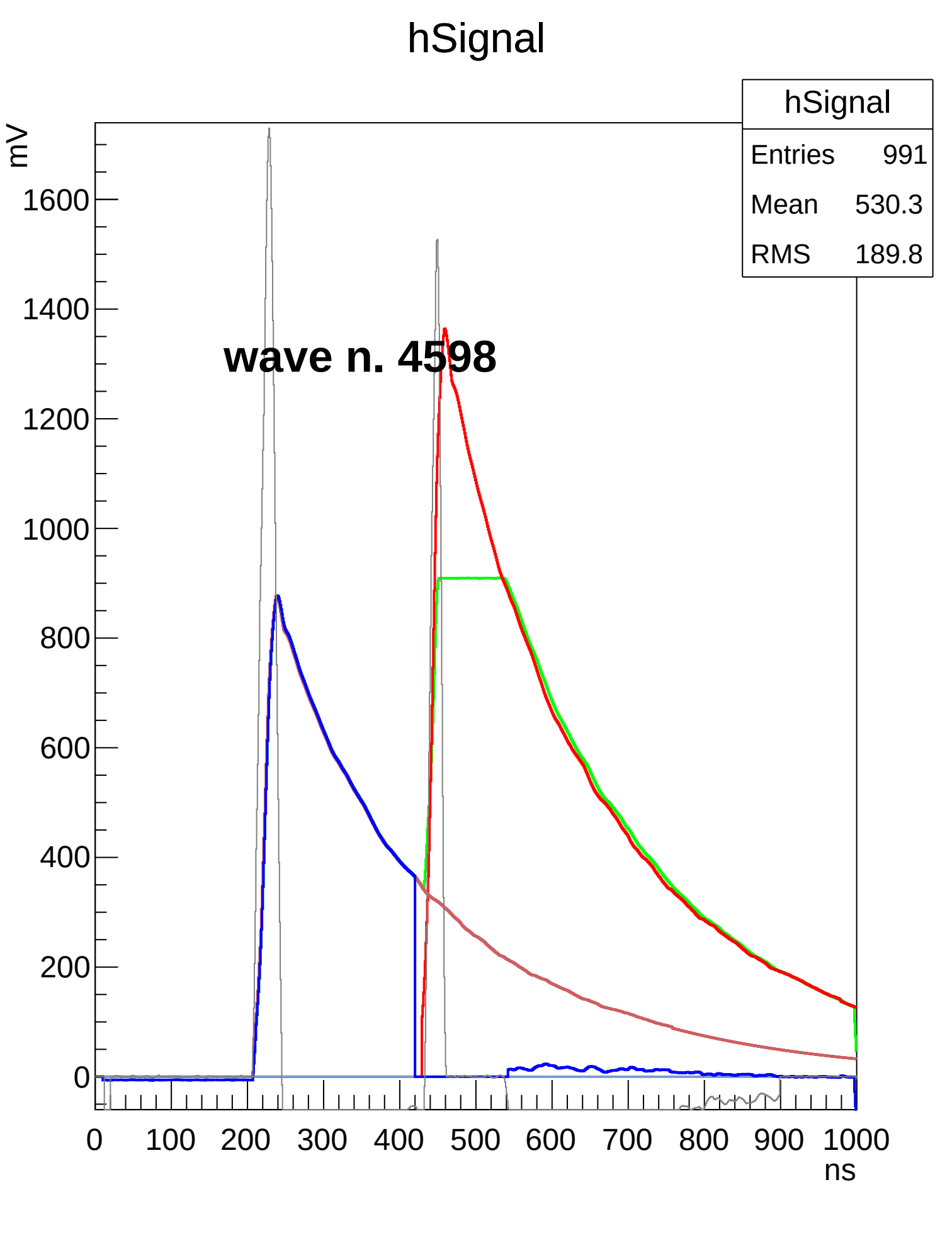
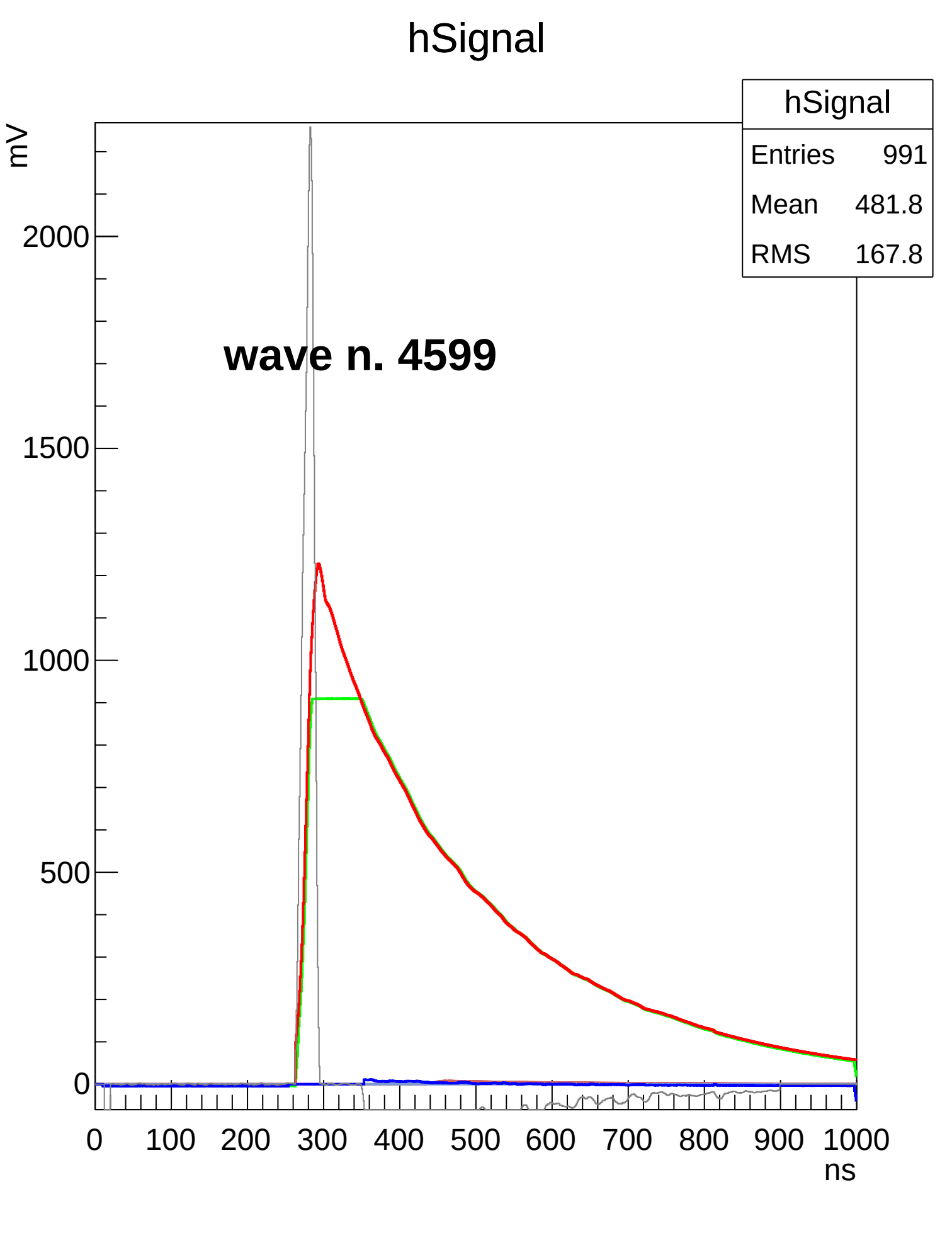
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.3
RMS 179.2
wave n. 4596
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 461.1
RMS 168.7
wave n. 4597
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.3
RMS 189.8
wave n. 4598
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 481.8
RMS 167.8
wave n. 4599
mV
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1500
1000
500
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0
100
200
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400
500
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800
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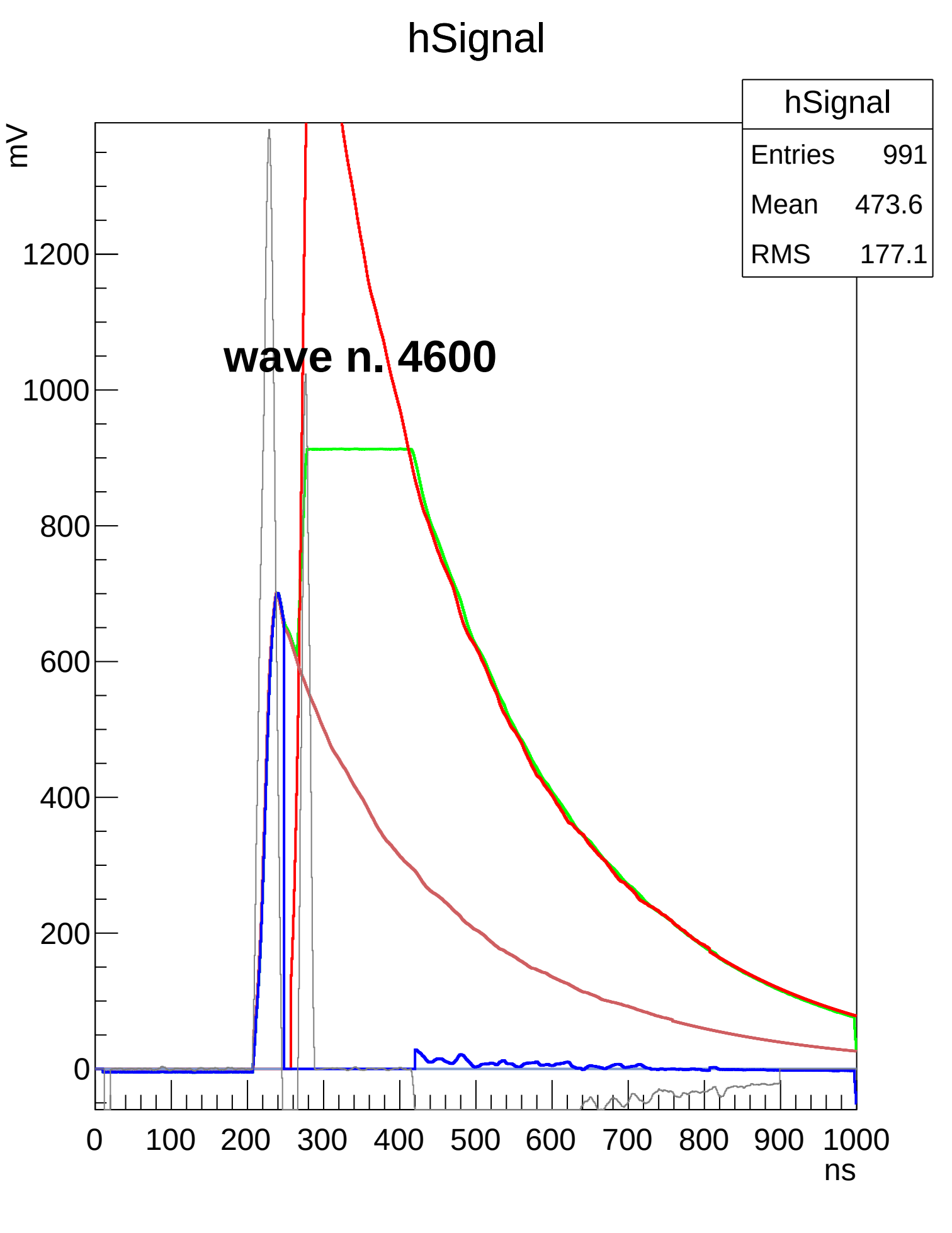
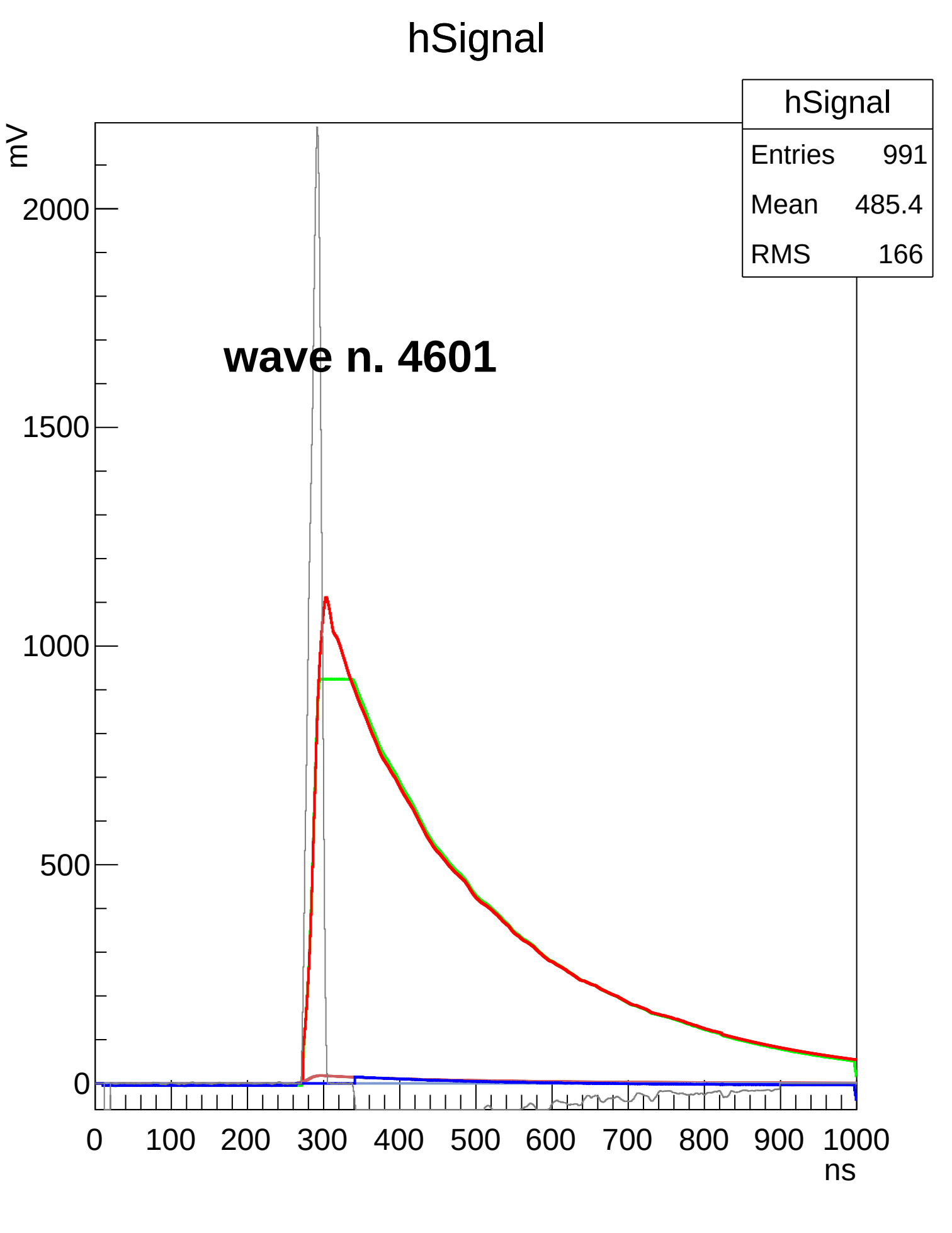
1000
ns


hSignal
hSignal
Entries 991
Mean 473.6
RMS 177.1
wave n. 4600
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 485.4
RMS 166
wave n. 4601
mV
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1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
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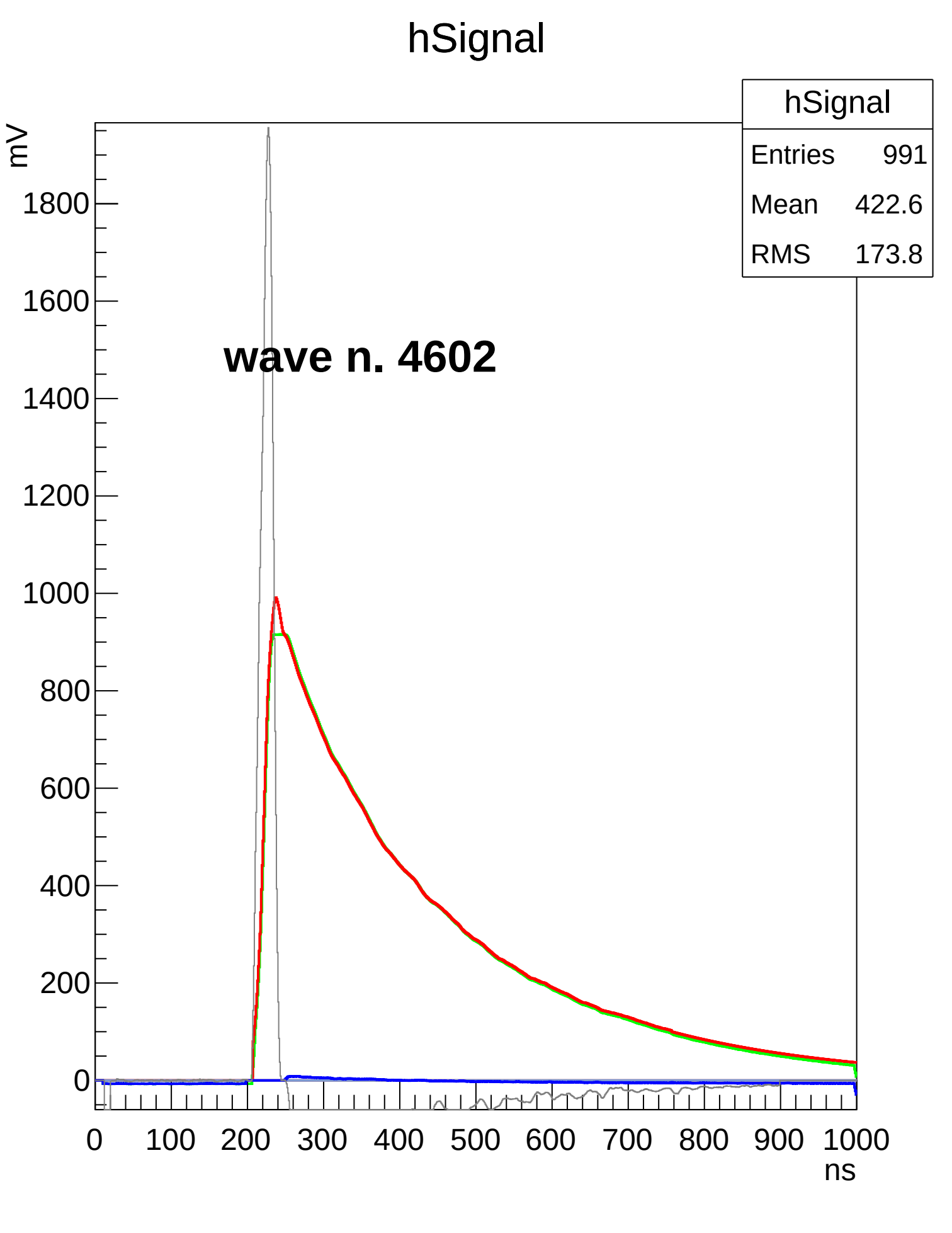
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hSignal
Entries 991
Mean 422.6
RMS 173.8
wave n. 4602
mV
1800
1600
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1200
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600
400
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100
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400
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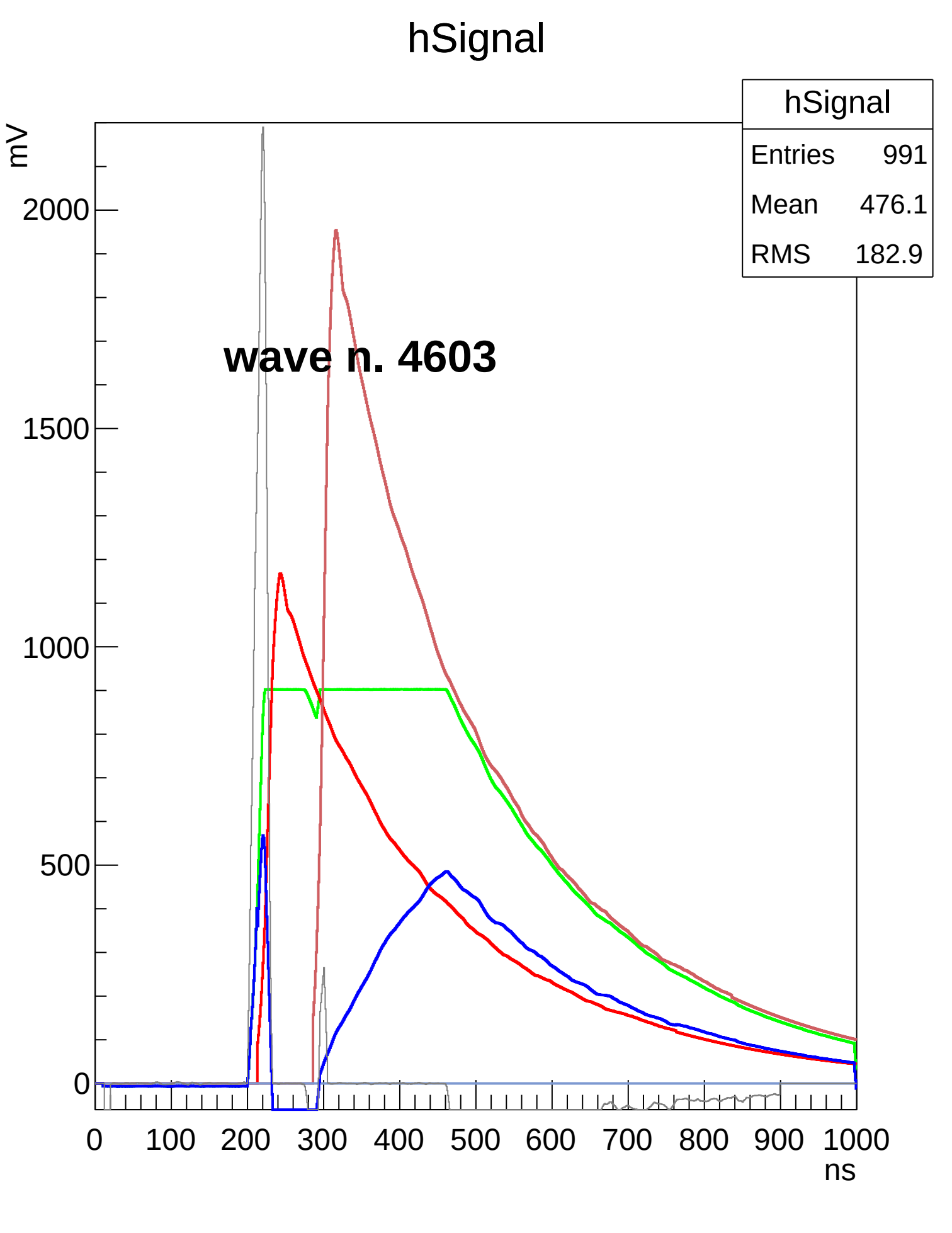
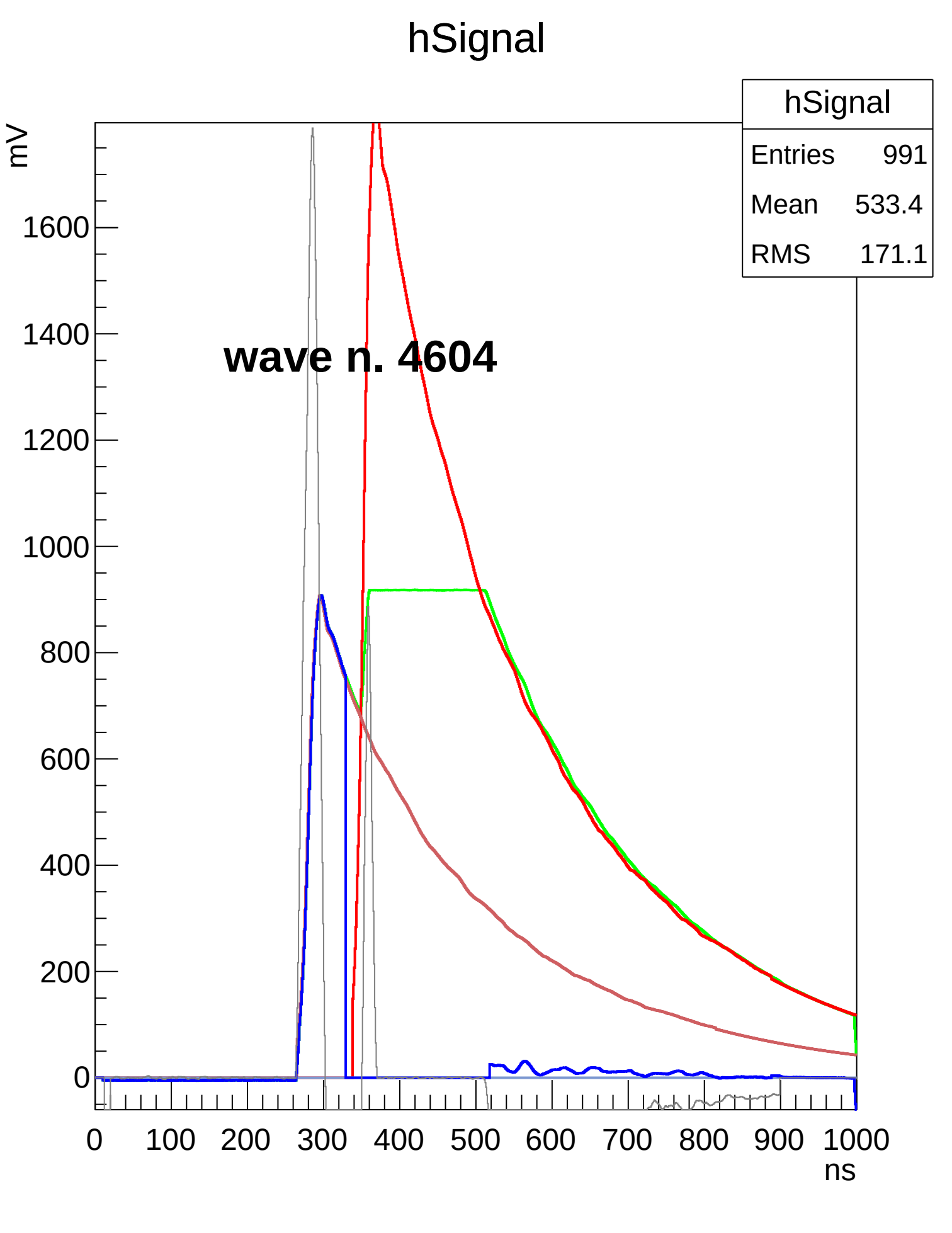
1000
ns


hSignal
hSignal
Entries 991
Mean 476.1
RMS 182.9
wave n. 4603
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 533.4
RMS 171.1
wave n. 4604
mV
1600
1400
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600
400
200
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100
200
300
400
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800
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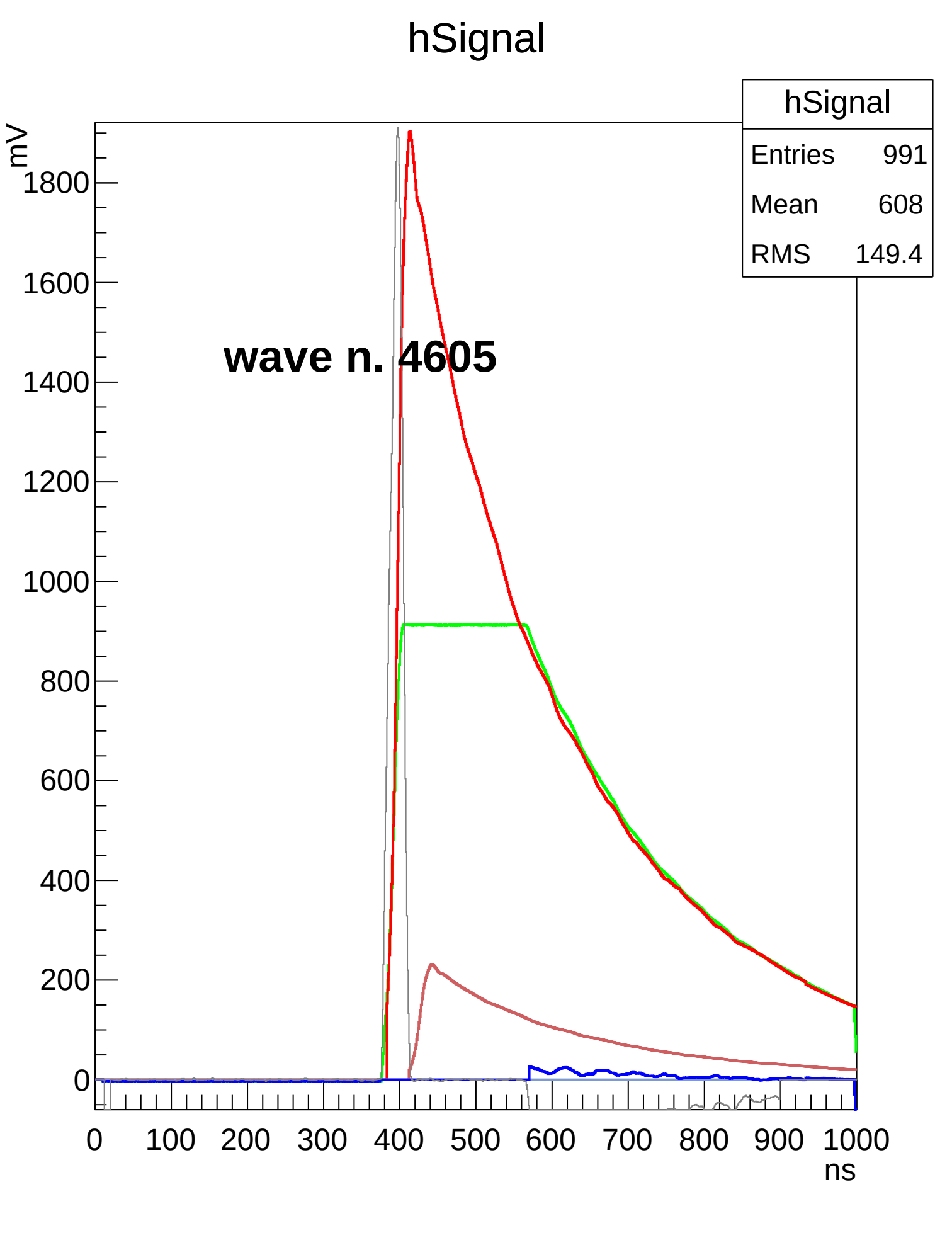
1000
ns


hSignal
hSignal
Entries 991
Mean 608
RMS 149.4
wave n. 4605
mV
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1600
1400
1200
1000
800
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400
200
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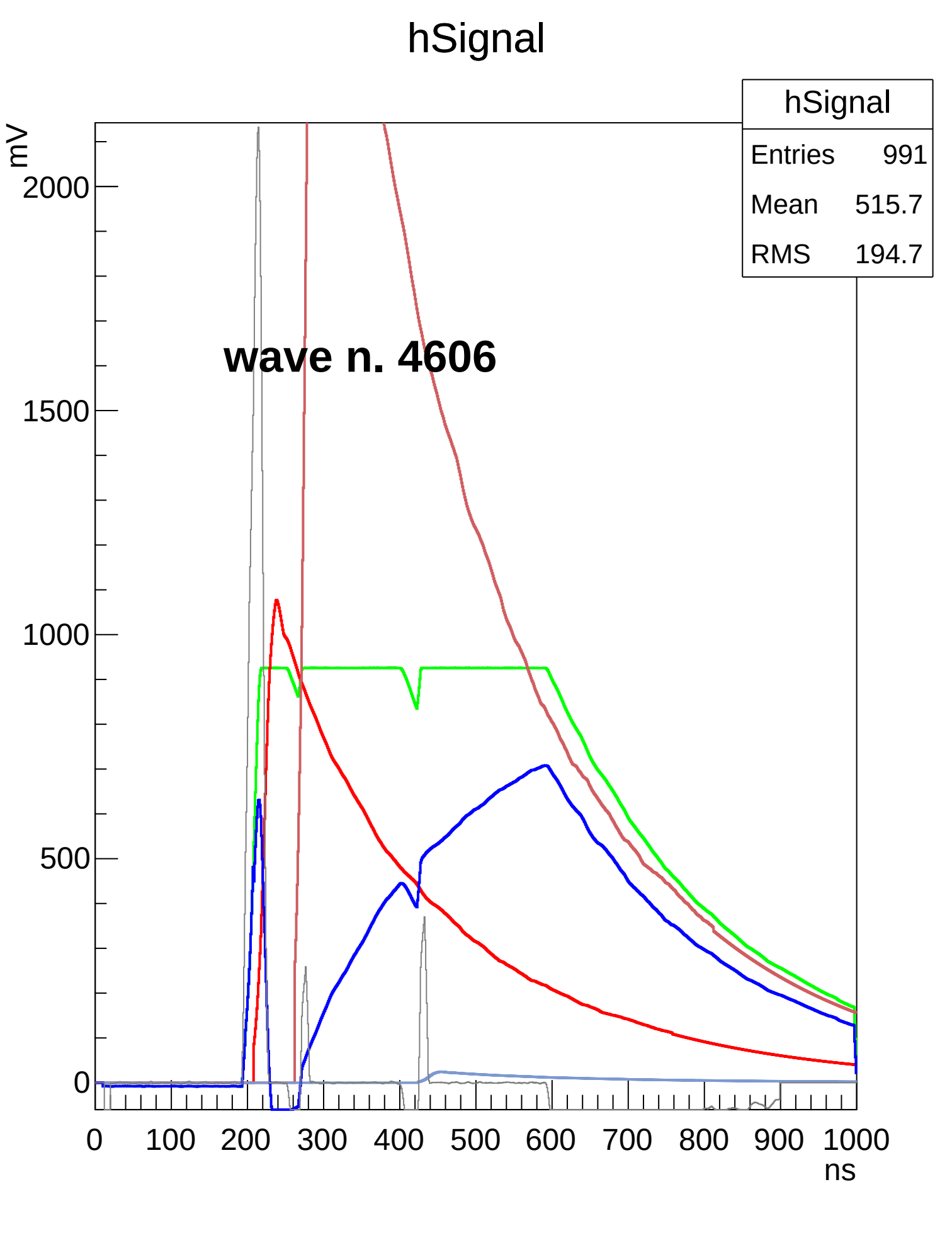
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 515.7
RMS 194.7
wave n. 4606
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1000
500
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0
100
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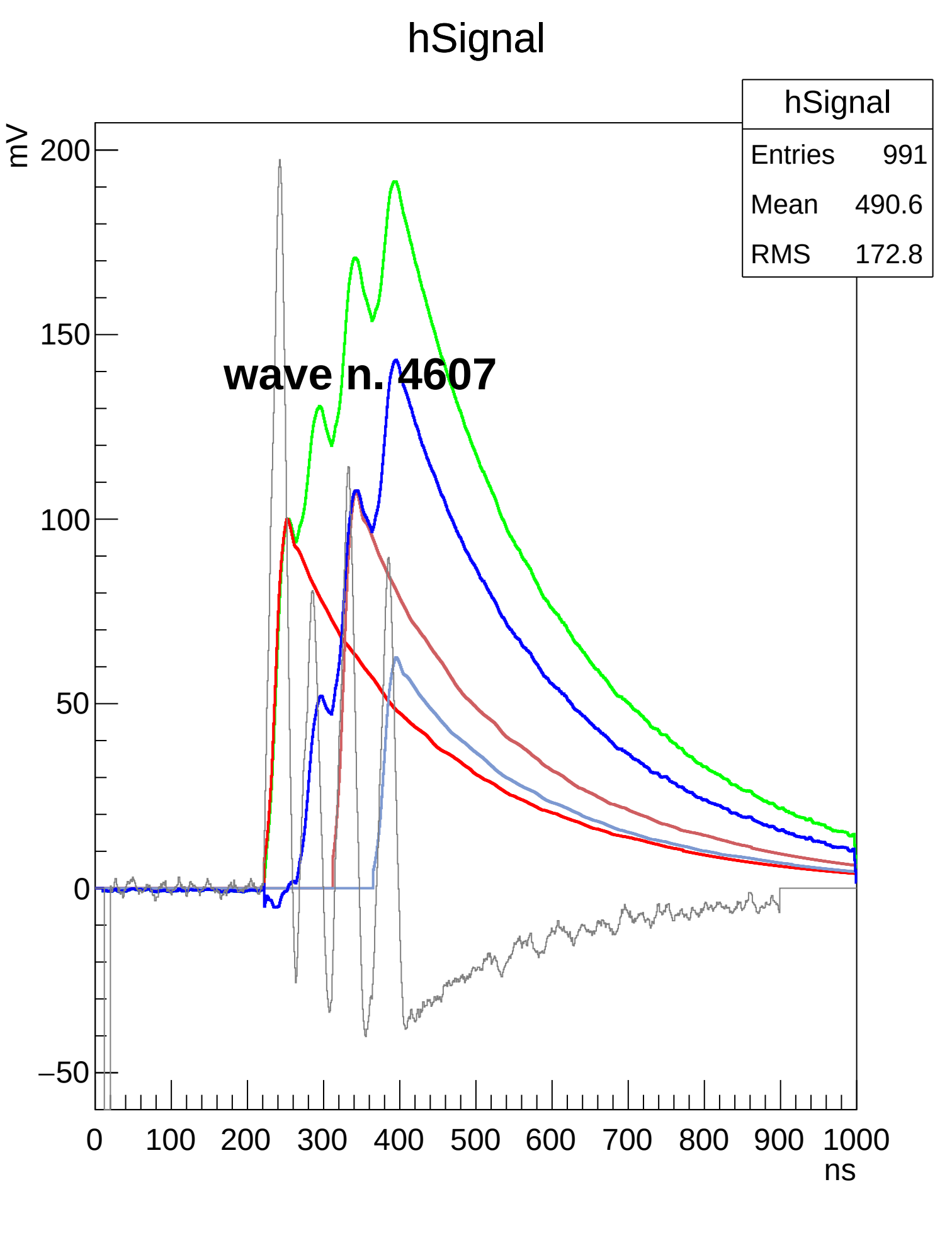
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 490.6
RMS 172.8
wave n. 4607
mV
200
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100
50
0
−50
0
100
200
300
400
500
600
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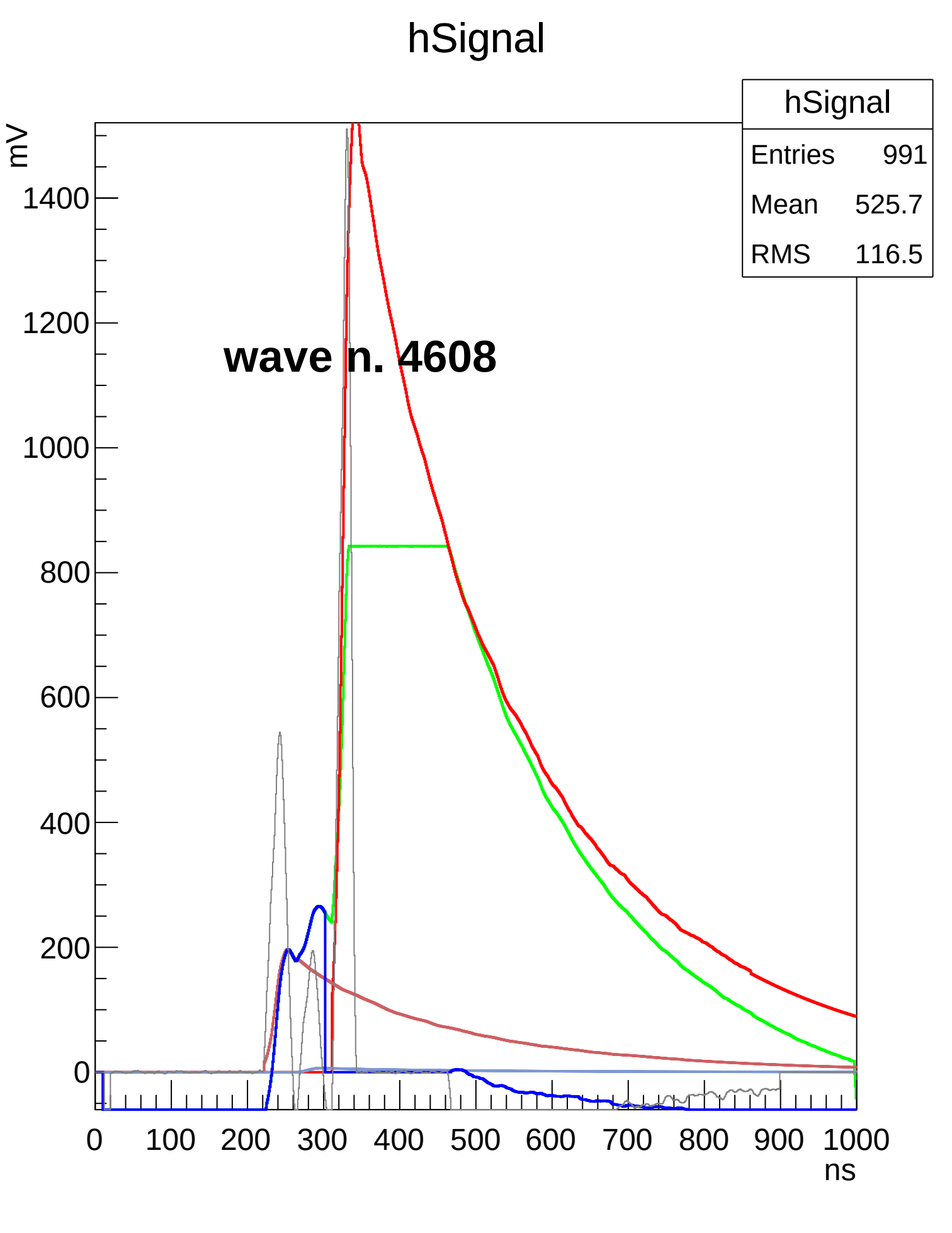
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 525.7
RMS 116.5
wave n. 4608
mV
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1000
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600
400
200
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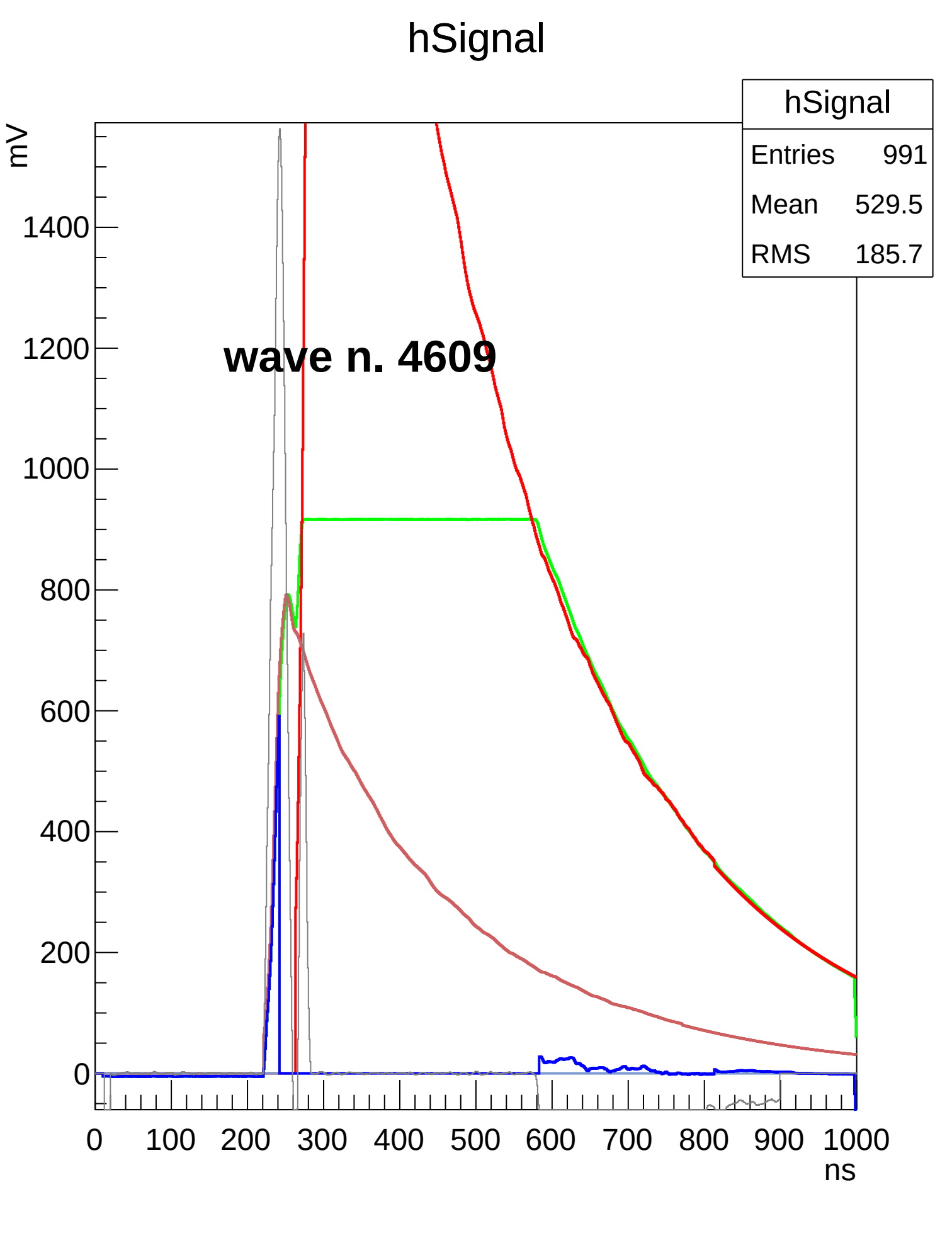
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 529.5
RMS 185.7
wave n. 4609
mV
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1200
1000
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600
400
200
0
0
100
200
300
400
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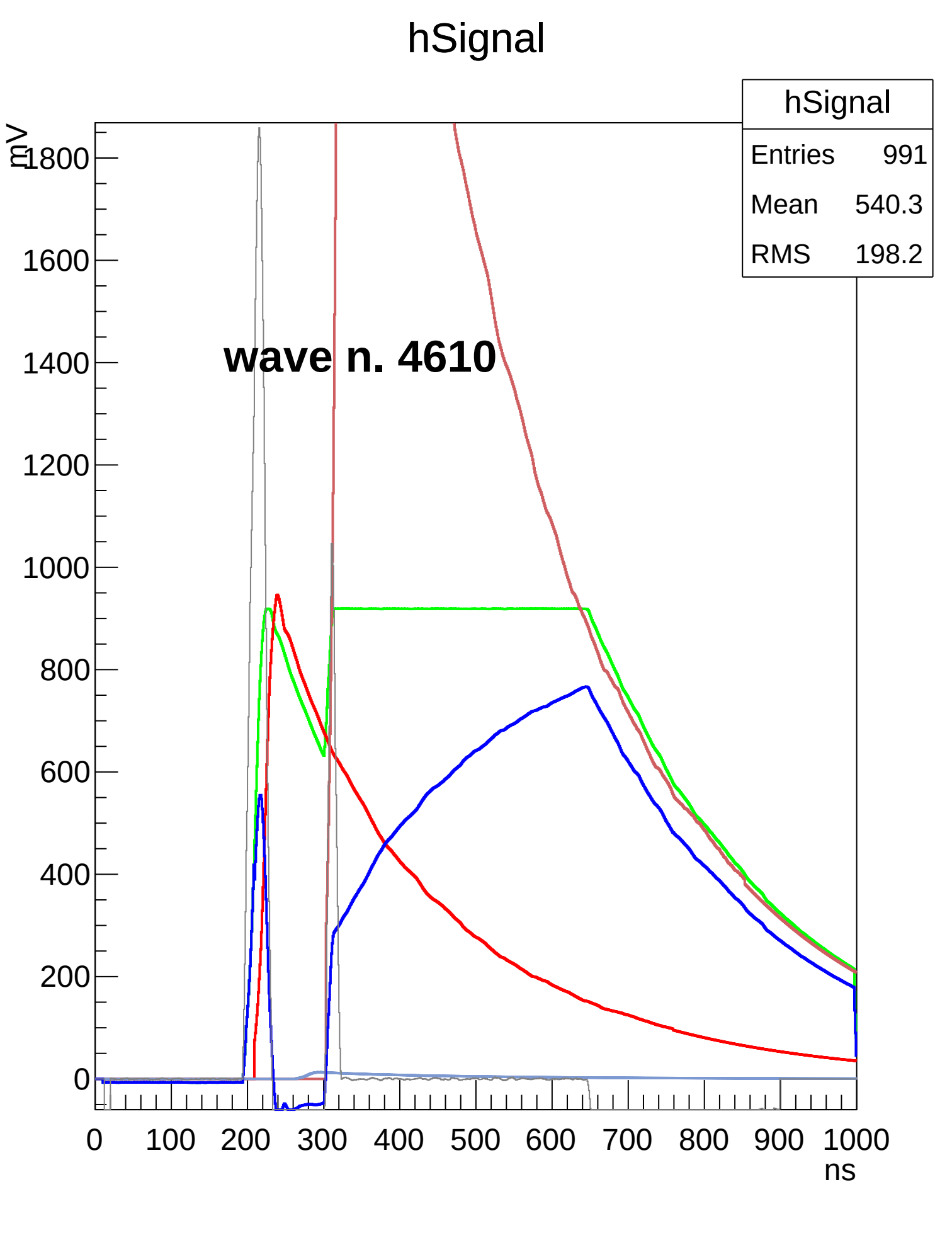
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 540.3
RMS 198.2
wave n. 4610
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
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400
500
600
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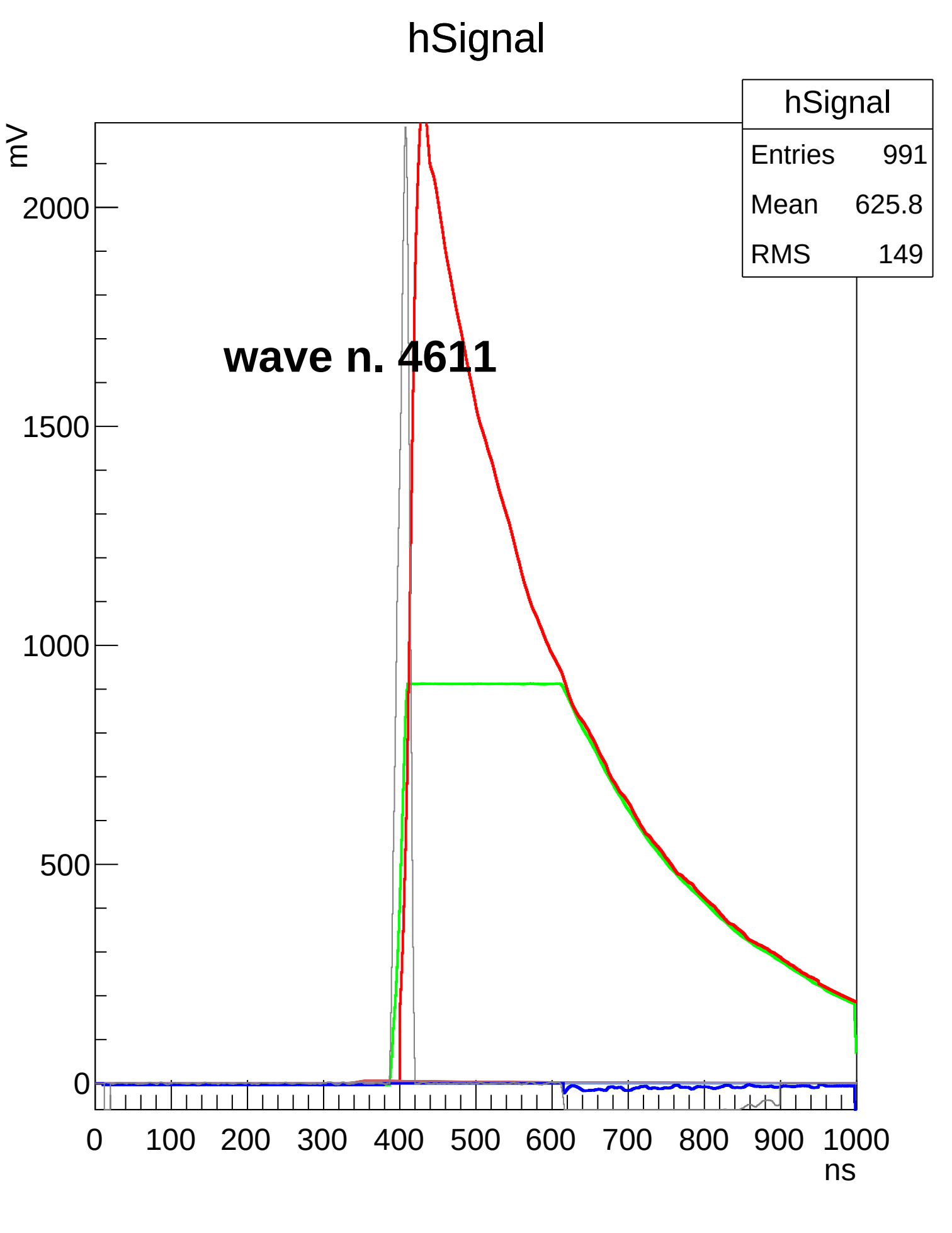
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 625.8
RMS 149
wave n. 4611
mV
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1500
1000
500
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0
100
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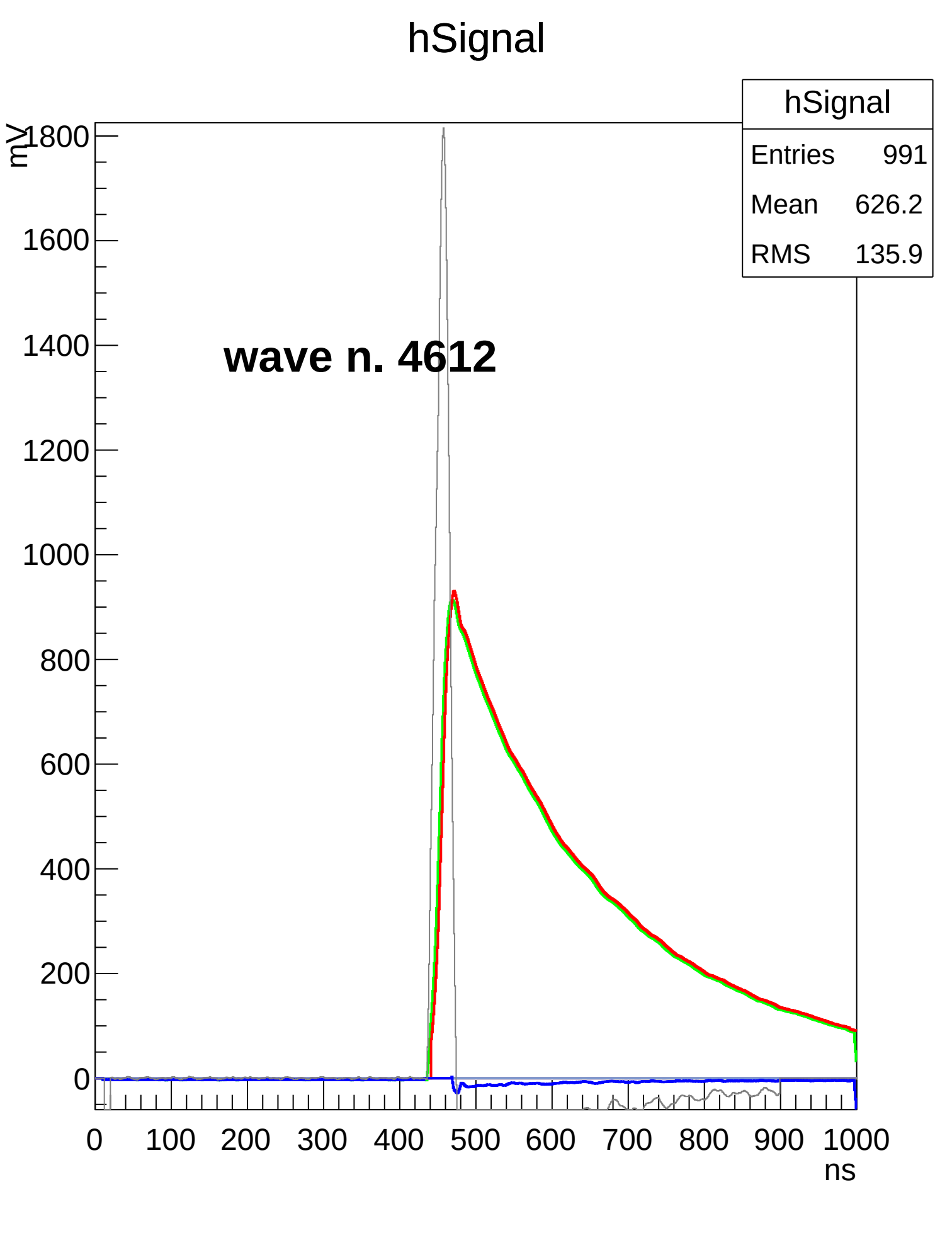
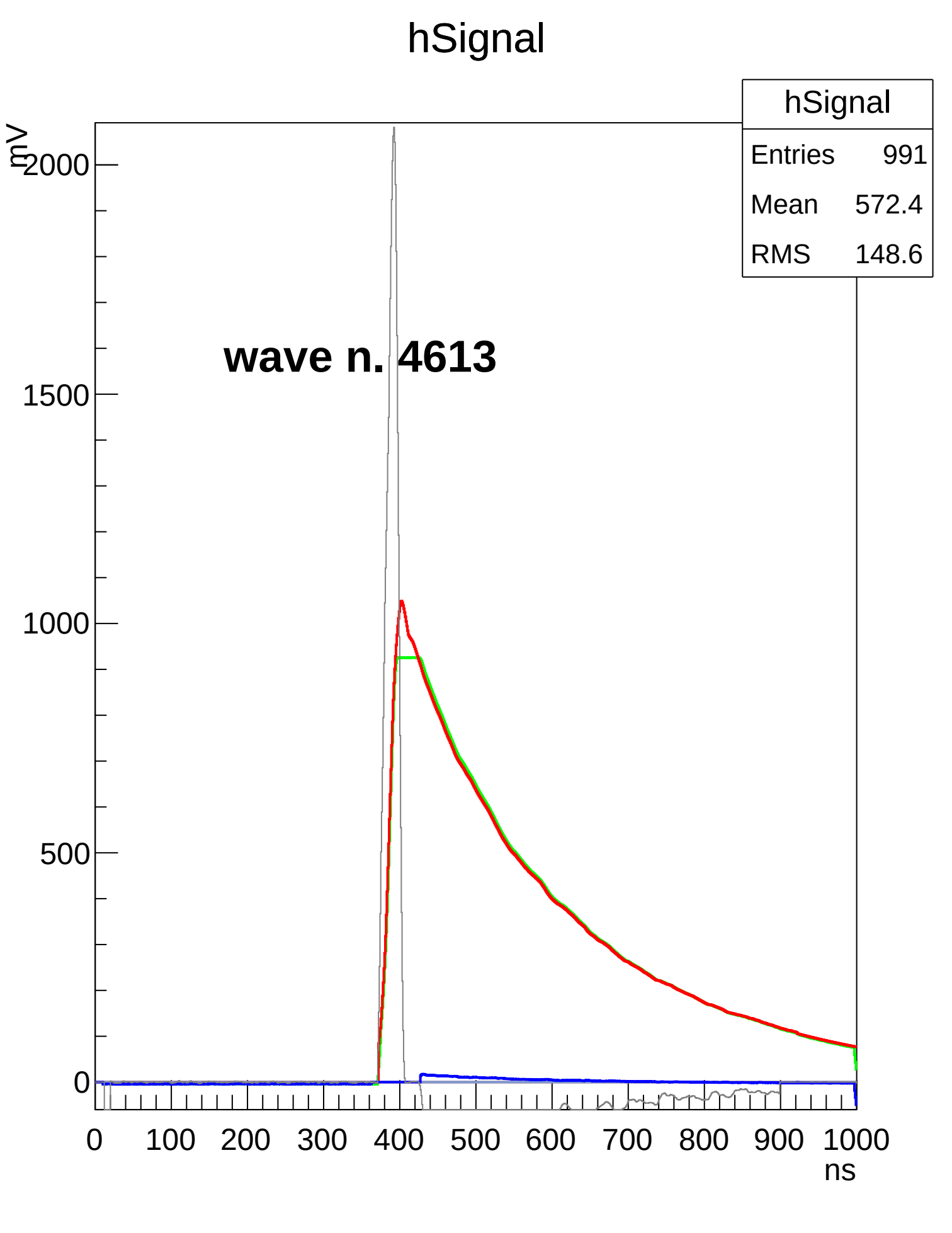
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 626.2
RMS 135.9
wave n. 4612
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 572.4
RMS 148.6
wave n. 4613
mV
2000
1500
1000
500
0
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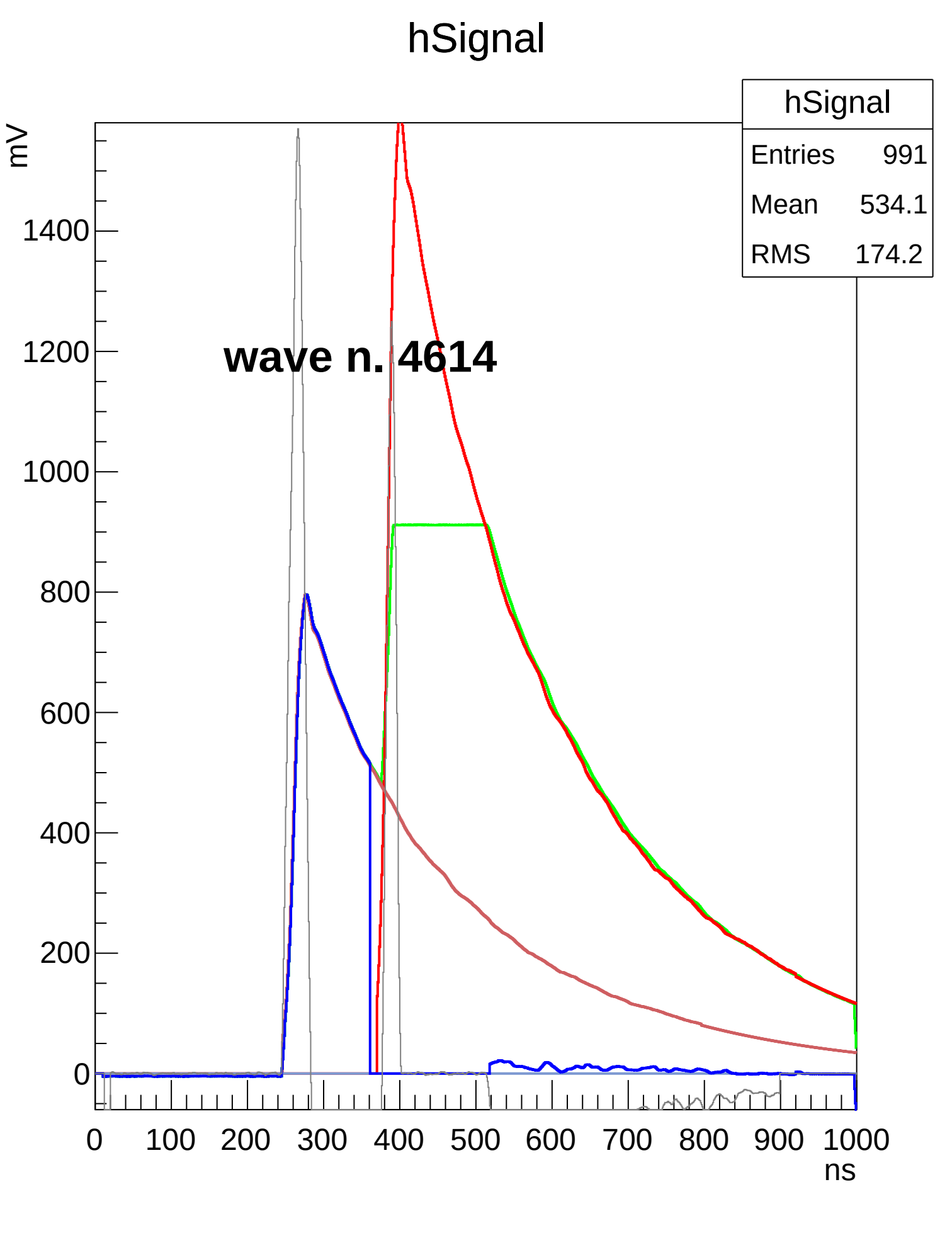
ns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hSignal
Entries 991
Mean 534.1
RMS 174.2
wave n. 4614
mV
1400
1200
1000
800
600
400
200
0
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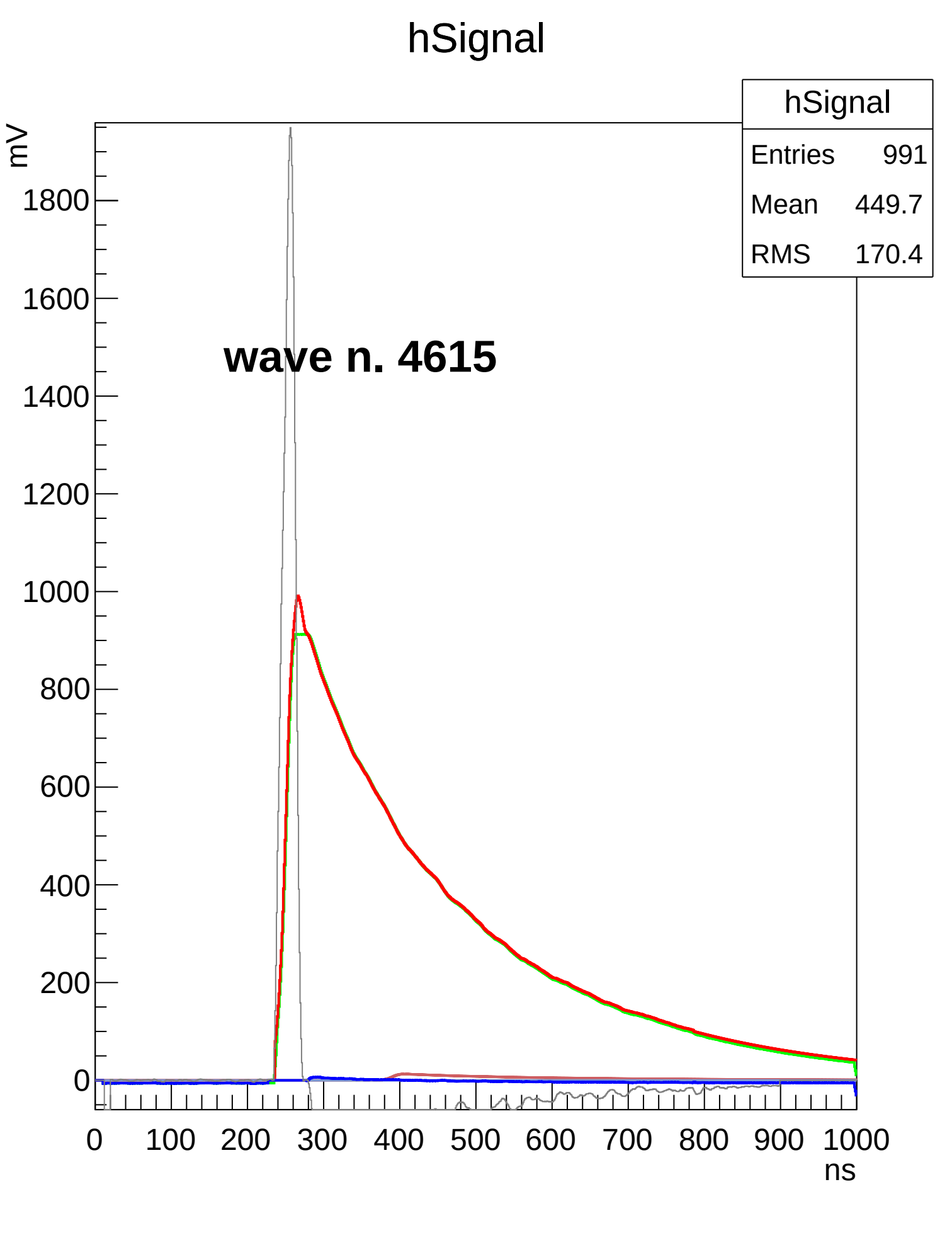
ns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hSignal
Entries 991
Mean 449.7
RMS 170.4
wave n. 4615
mV
1800
1600
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1000
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600
400
200
0
0
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200
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400
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900
1000
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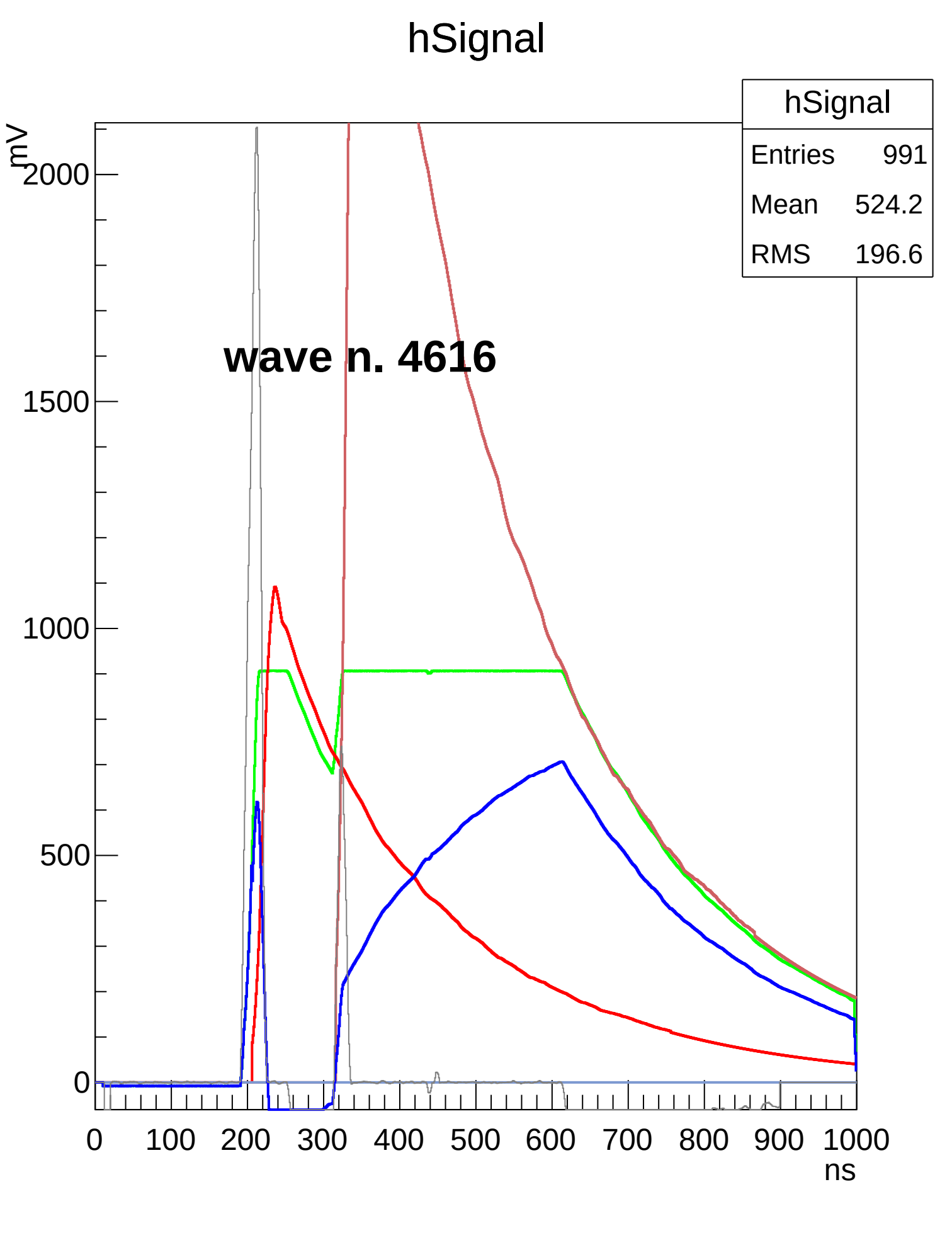
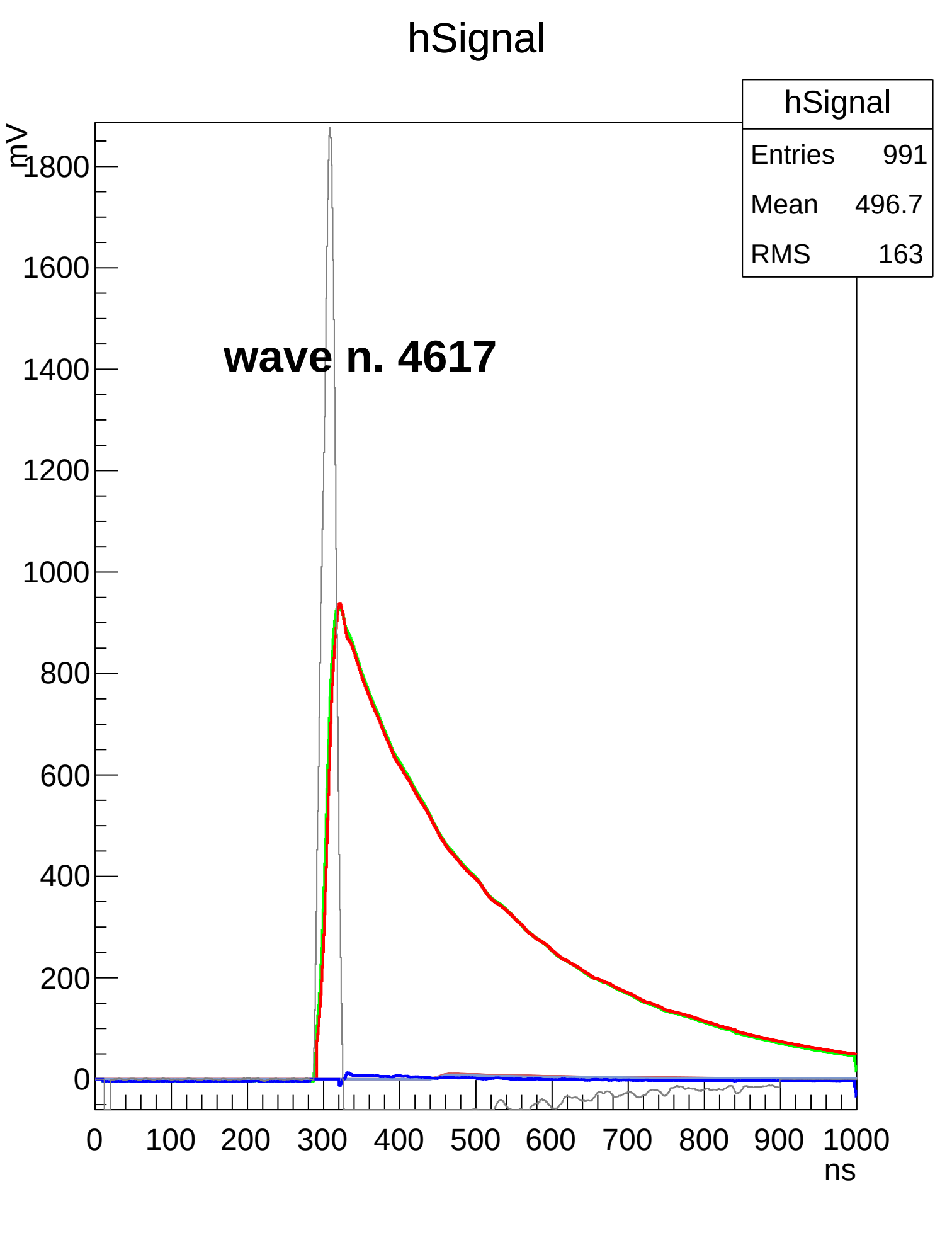
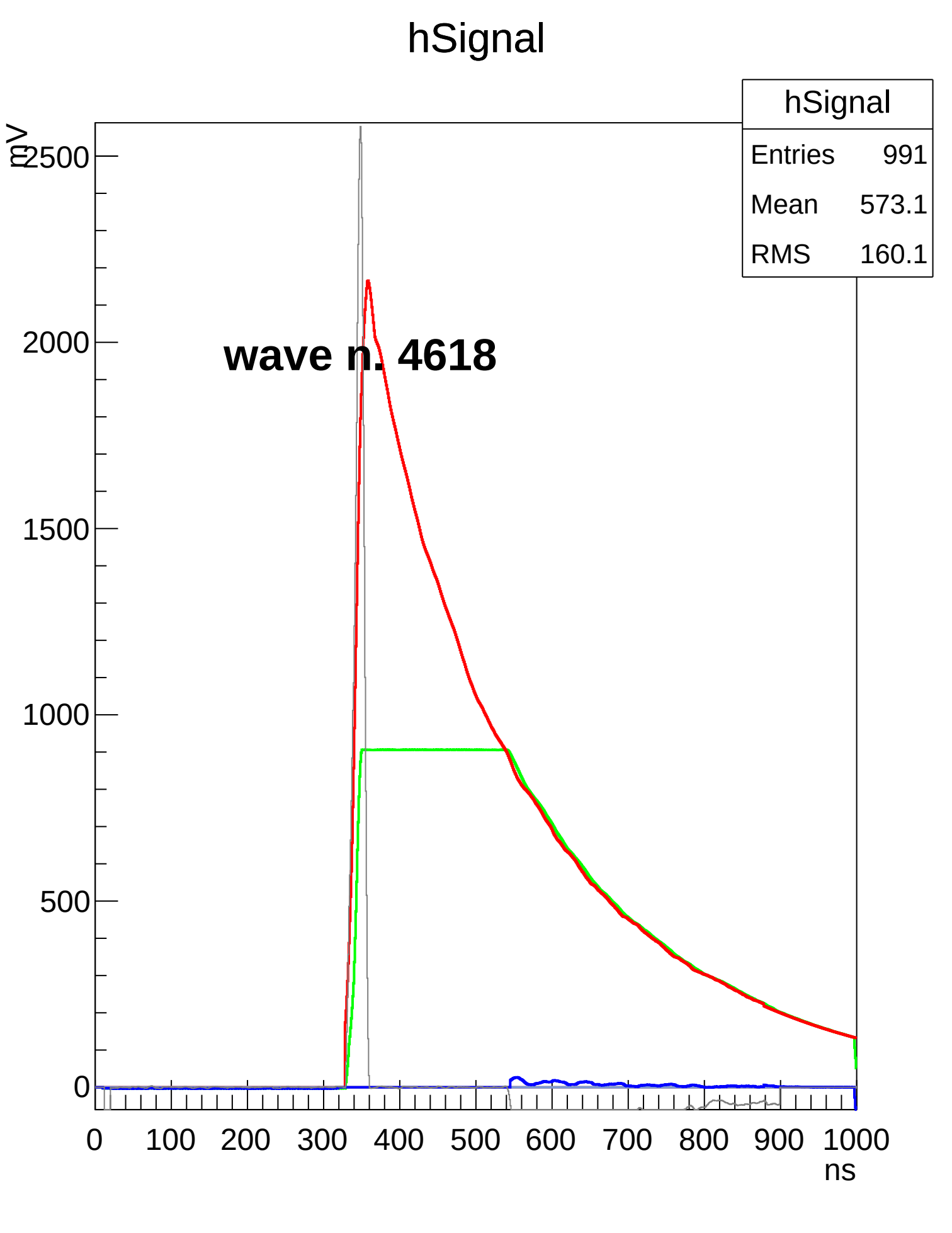

hSignal
hSignal
Entries 991
Mean 524.2
RMS 196.6
wave n. 4616
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 496.7
RMS 163
wave n. 4617
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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Entries 991
Mean 573.1
RMS 160.1
wave n. 4618
mV
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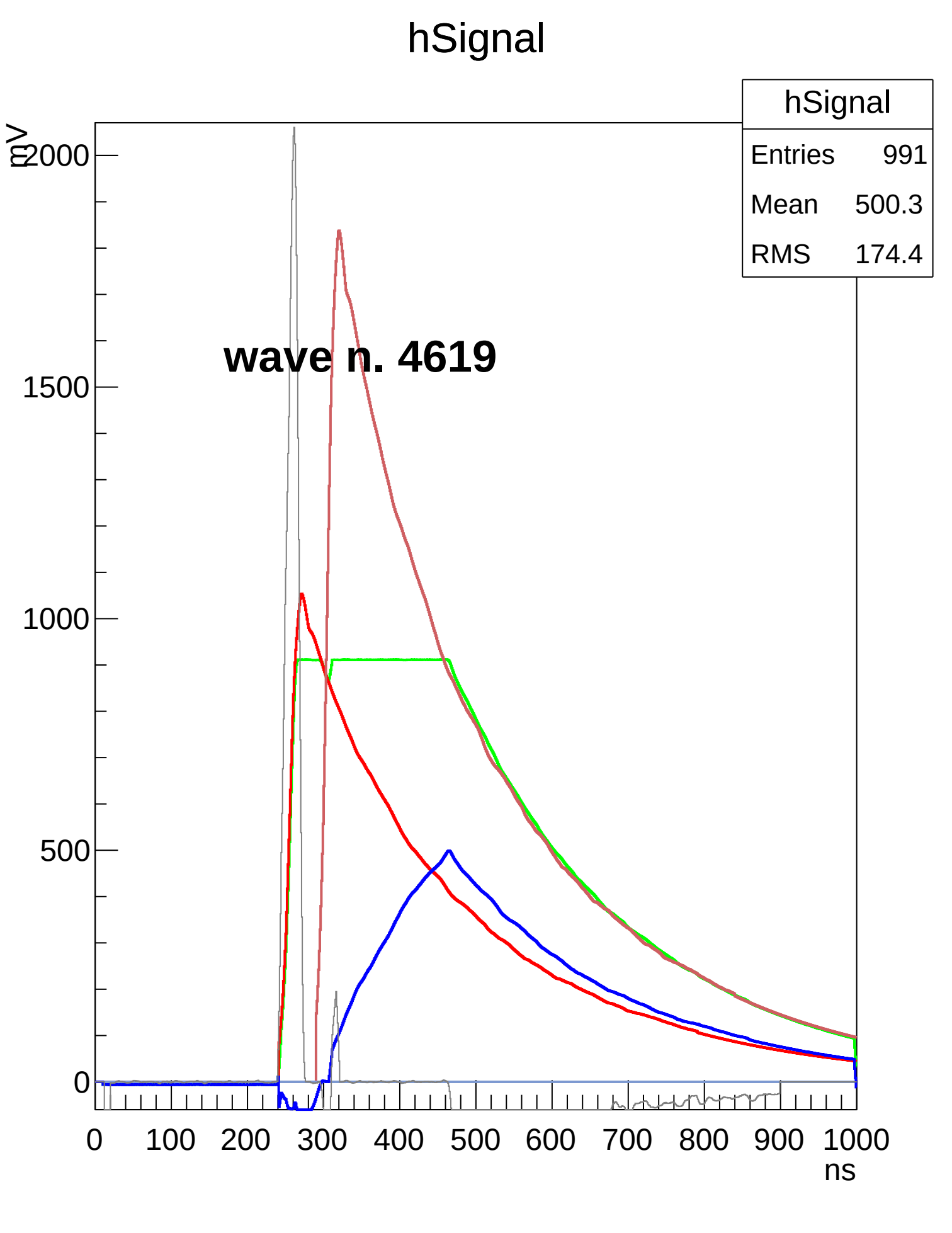
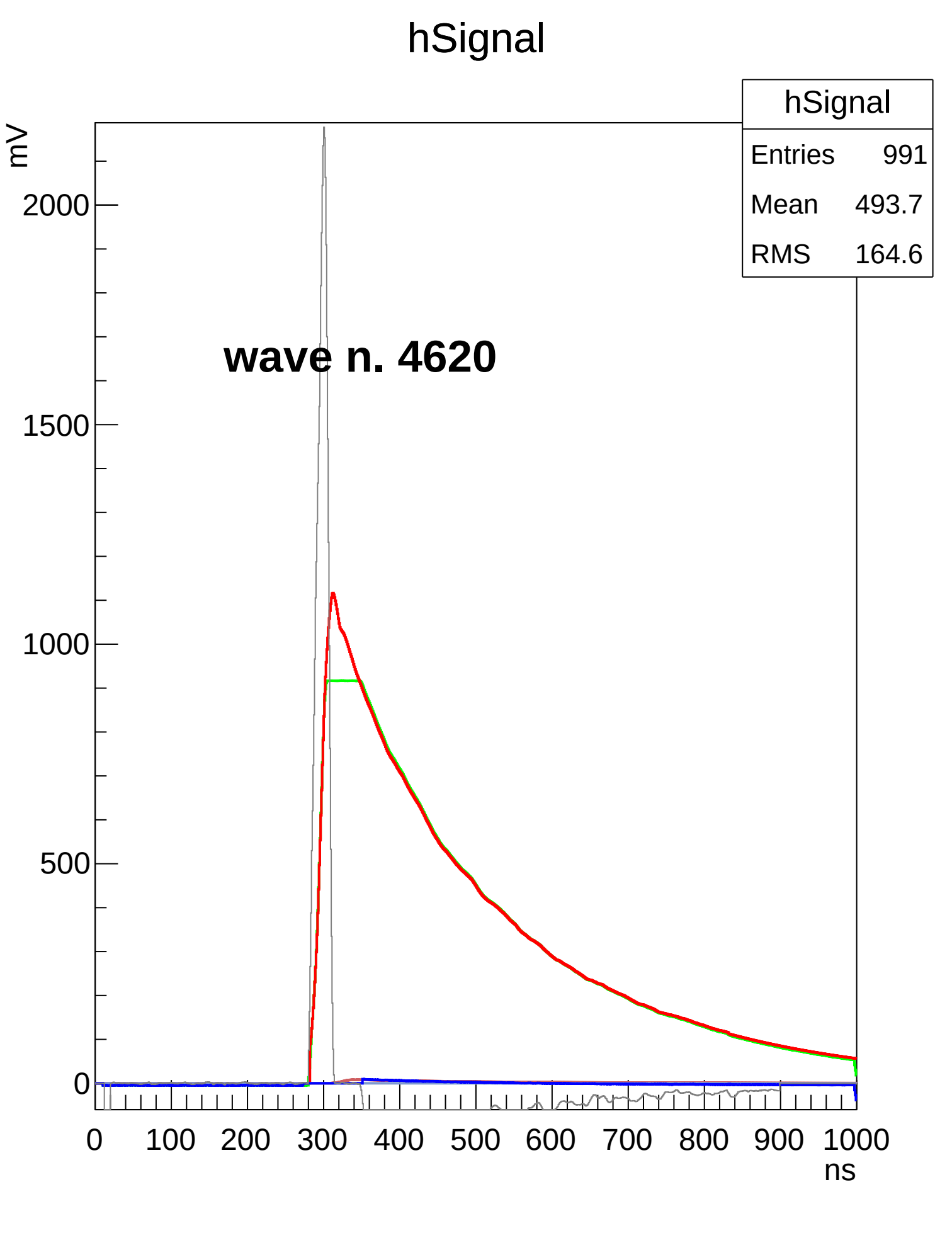
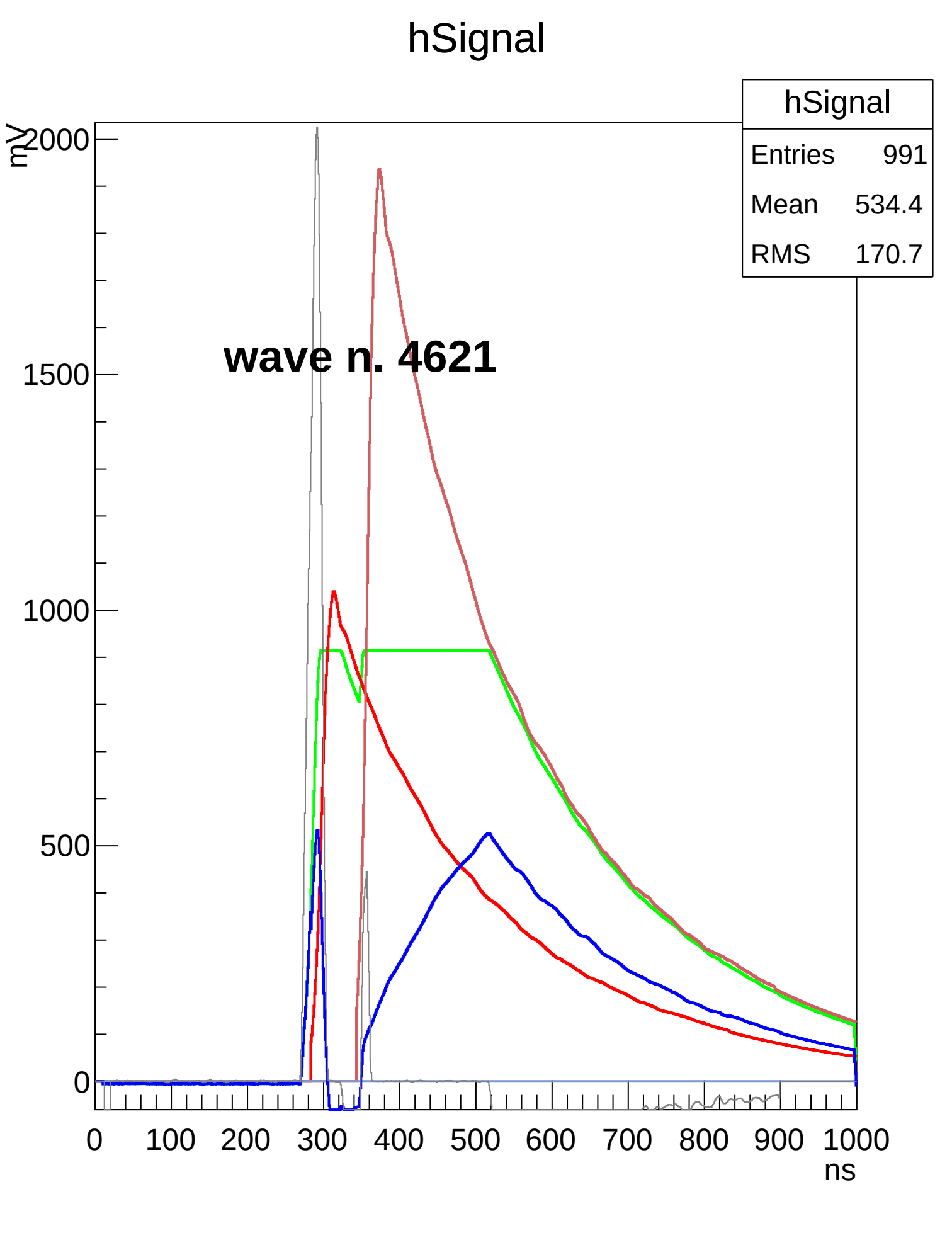
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 500.3
RMS 174.4
wave n. 4619
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 493.7
RMS 164.6
wave n. 4620
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.4
RMS 170.7
wave n. 4621
mV
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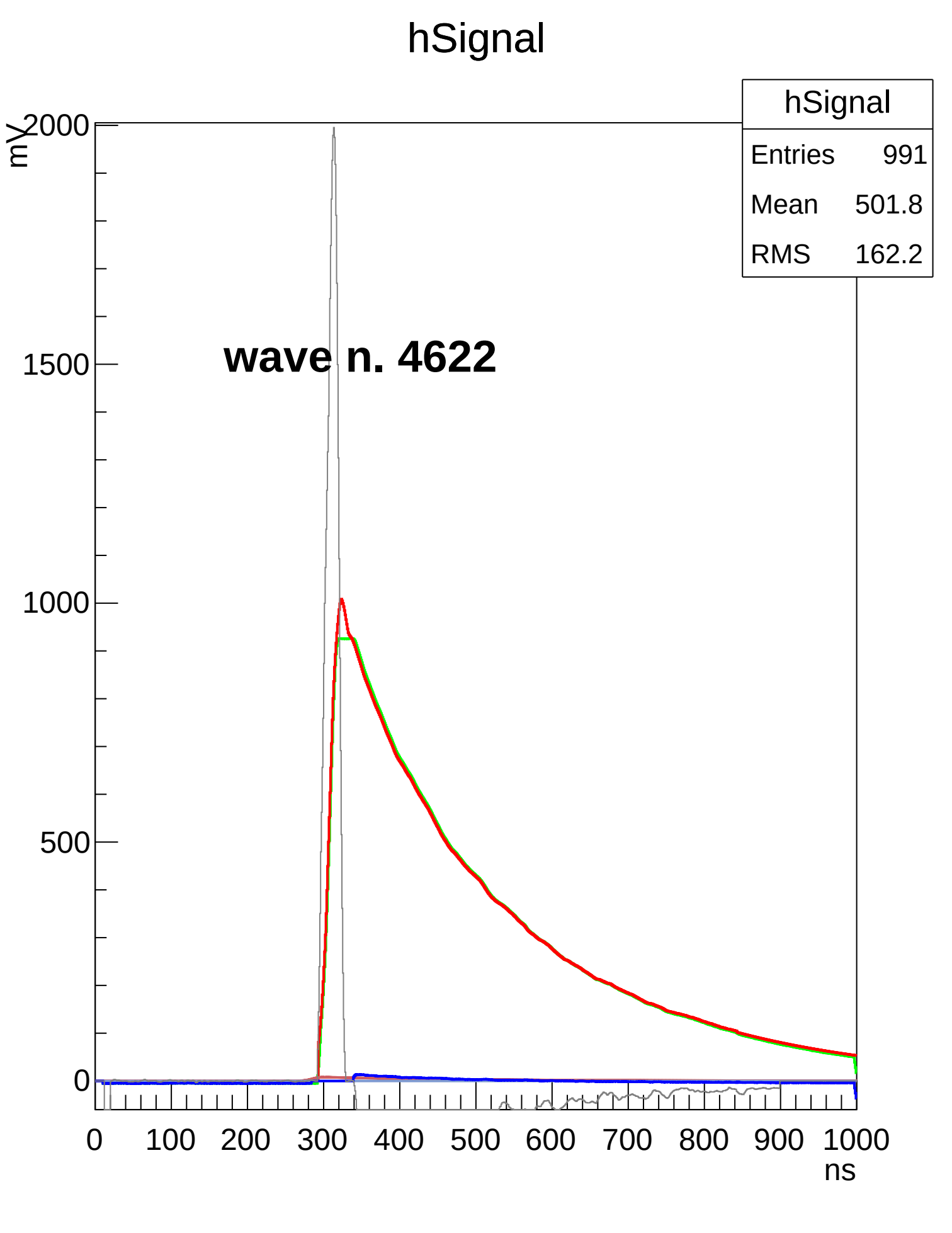
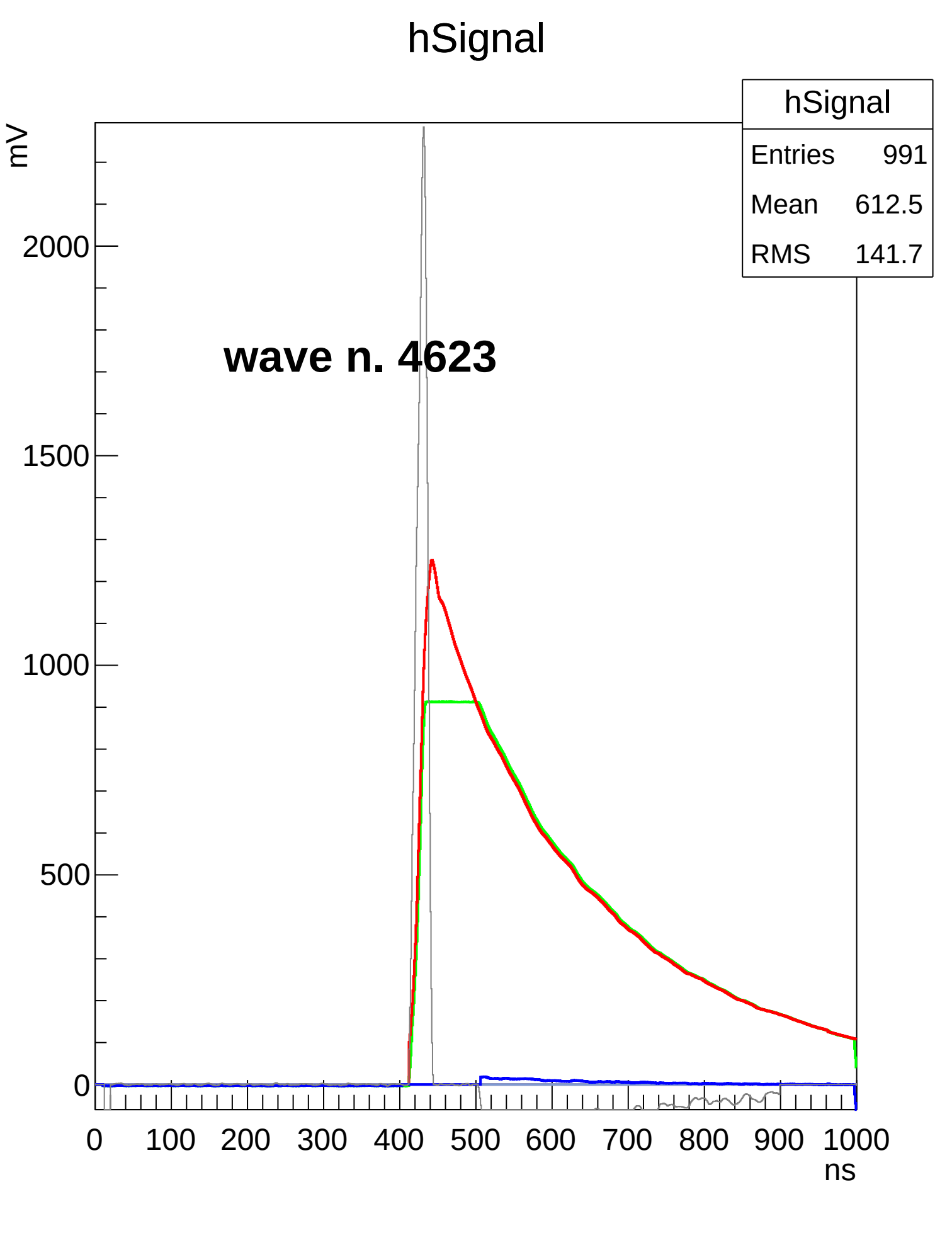
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 501.8
RMS 162.2
wave n. 4622
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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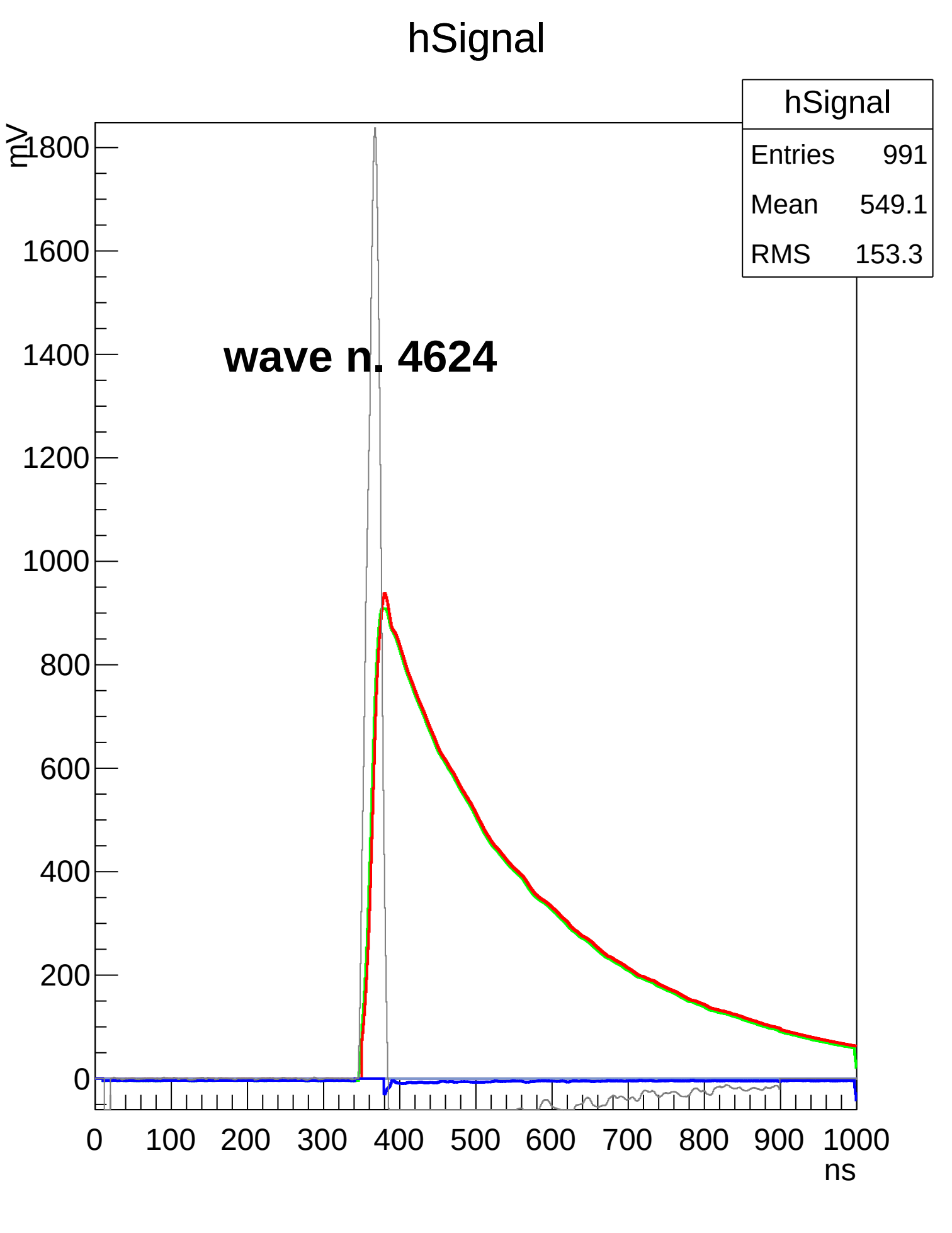
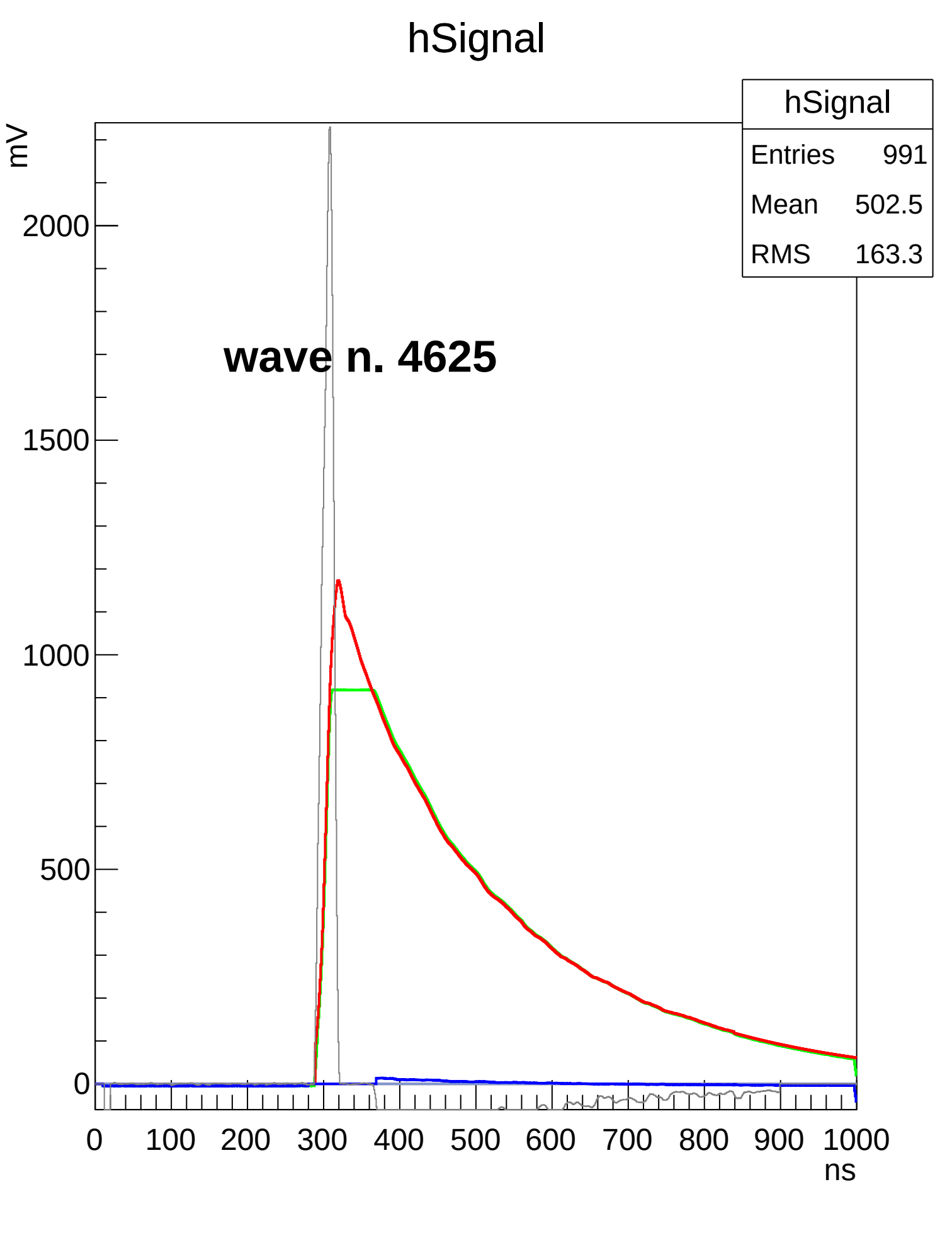
hSignal
Entries 991
Mean 612.5
RMS 141.7
wave n. 4623
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.1
RMS 153.3
wave n. 4624
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.5
RMS 163.3
wave n. 4625
mV
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1500
1000
500
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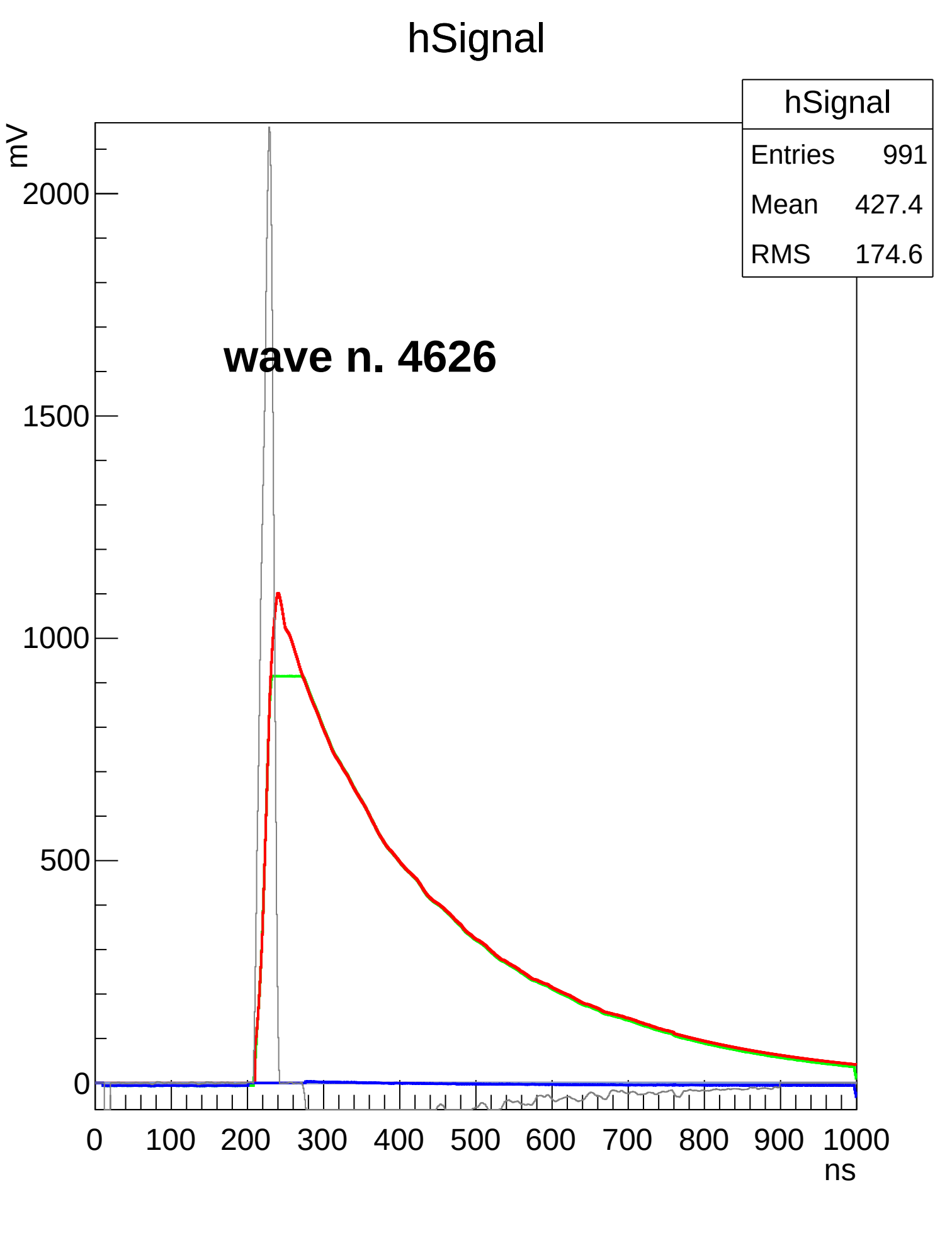
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 427.4
RMS 174.6
wave n. 4626
mV
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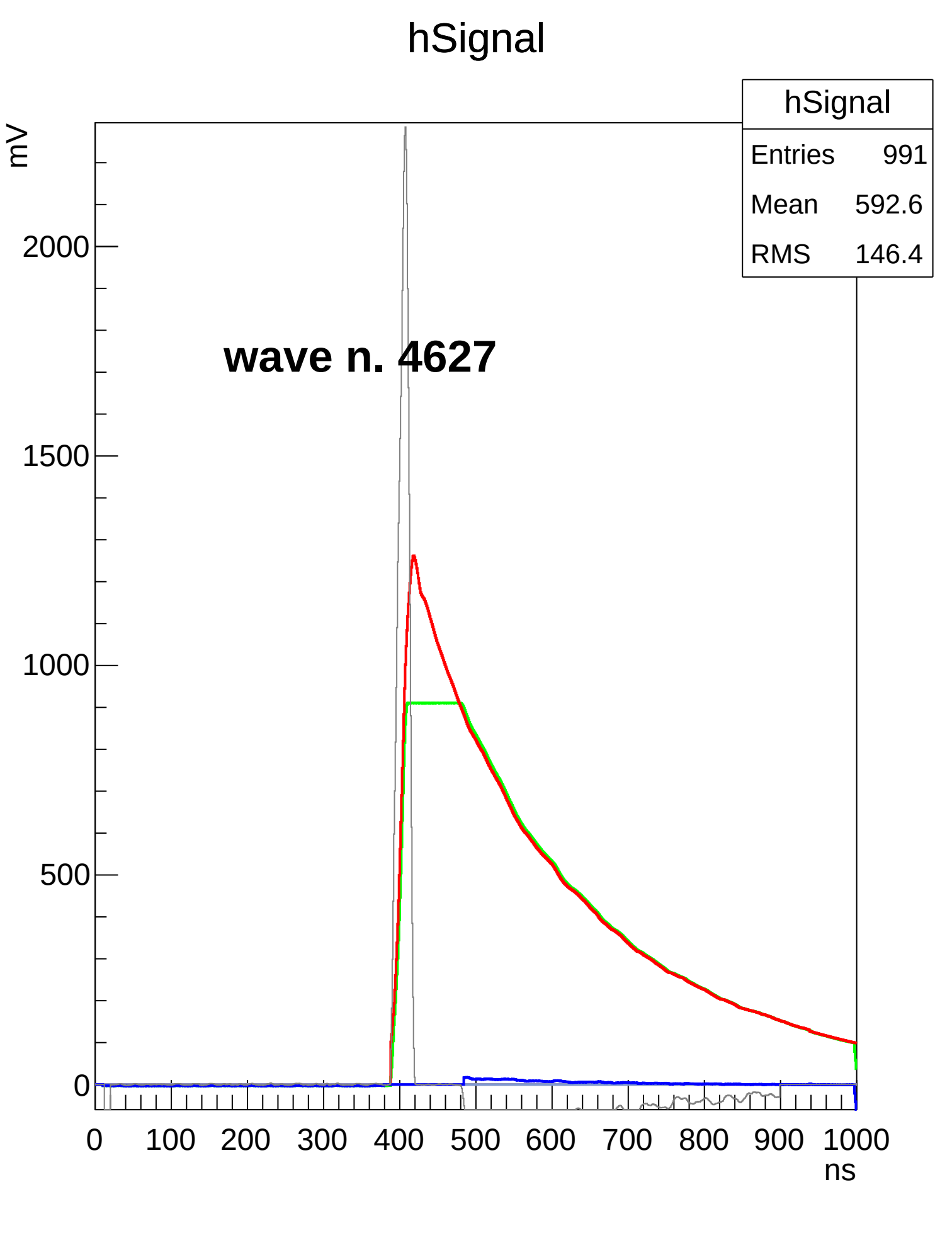
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 592.6
RMS 146.4
wave n. 4627
mV
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1500
1000
500
0
0
100
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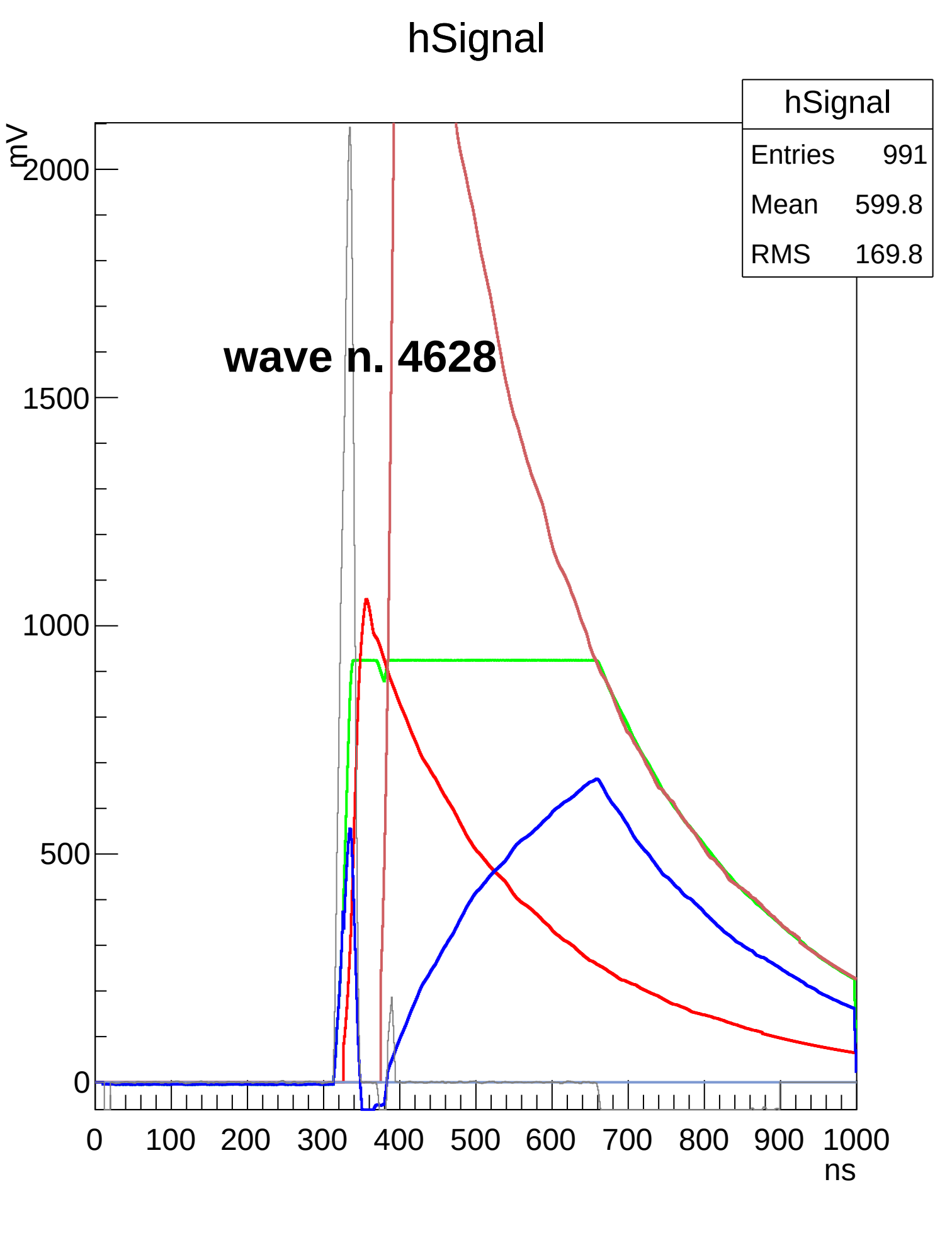
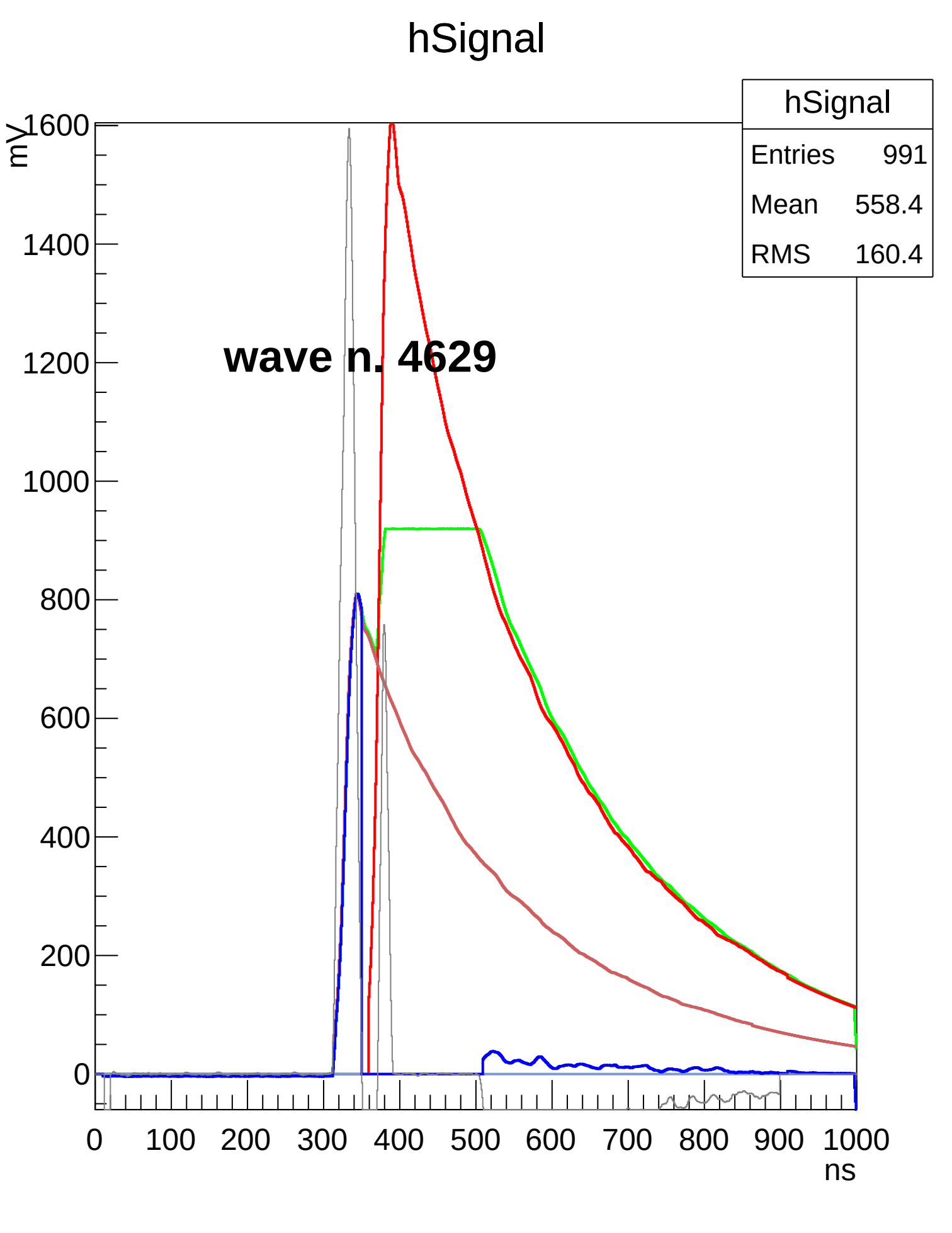
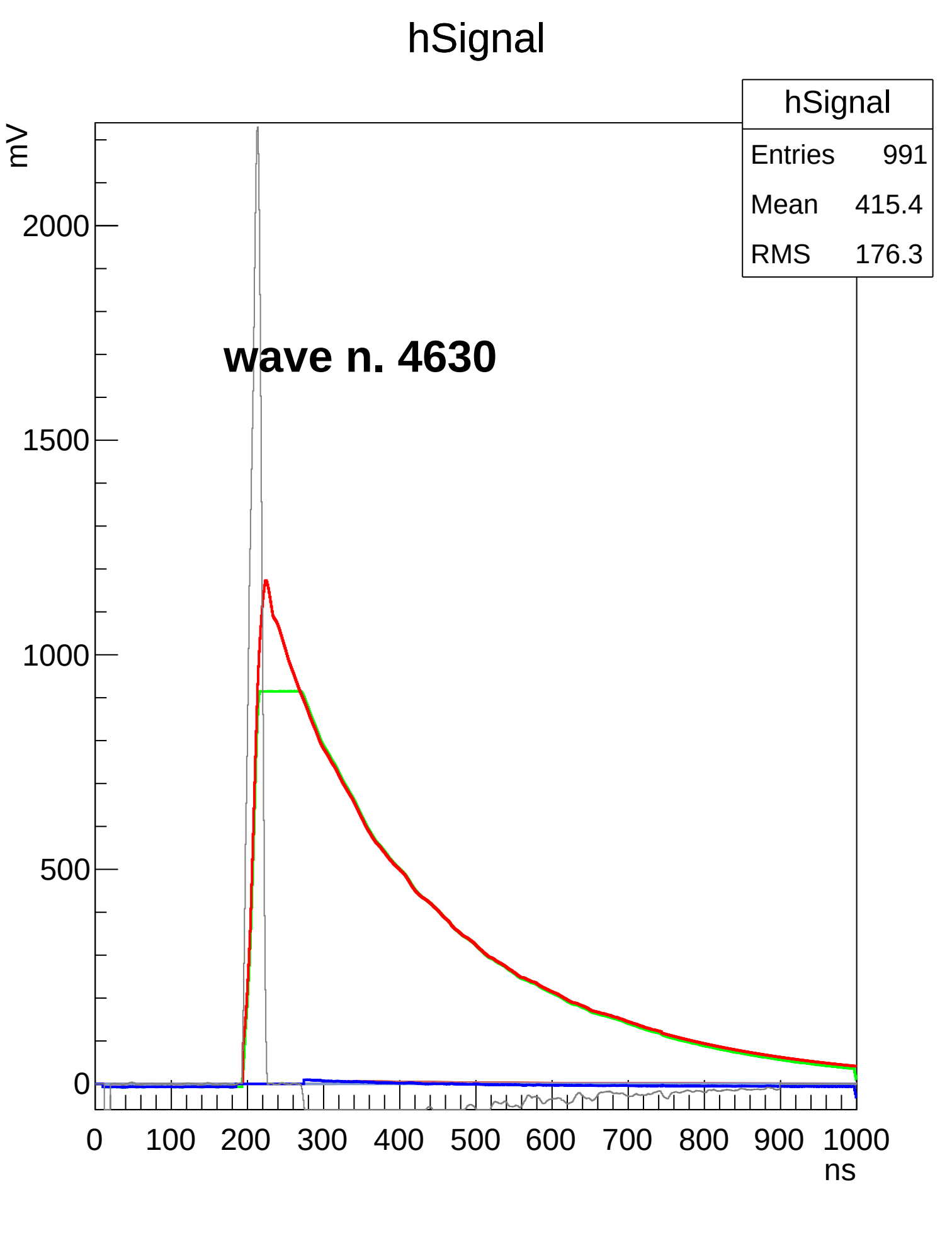
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 599.8
RMS 169.8
wave n. 4628
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558.4
RMS 160.4
wave n. 4629
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 415.4
RMS 176.3
wave n. 4630
mV
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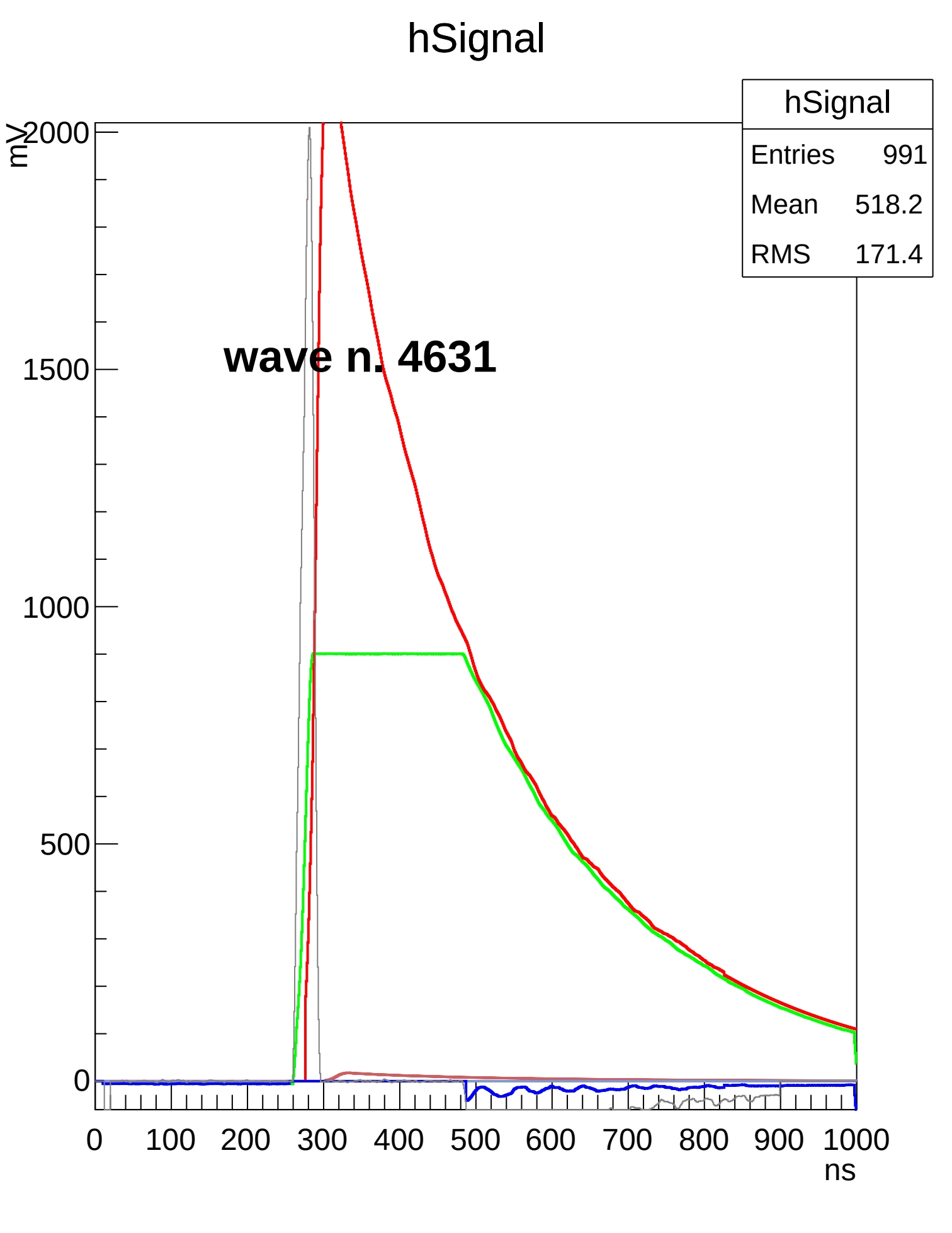
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.2
RMS 171.4
wave n. 4631
mV
2000
1500
1000
500
0
0
100
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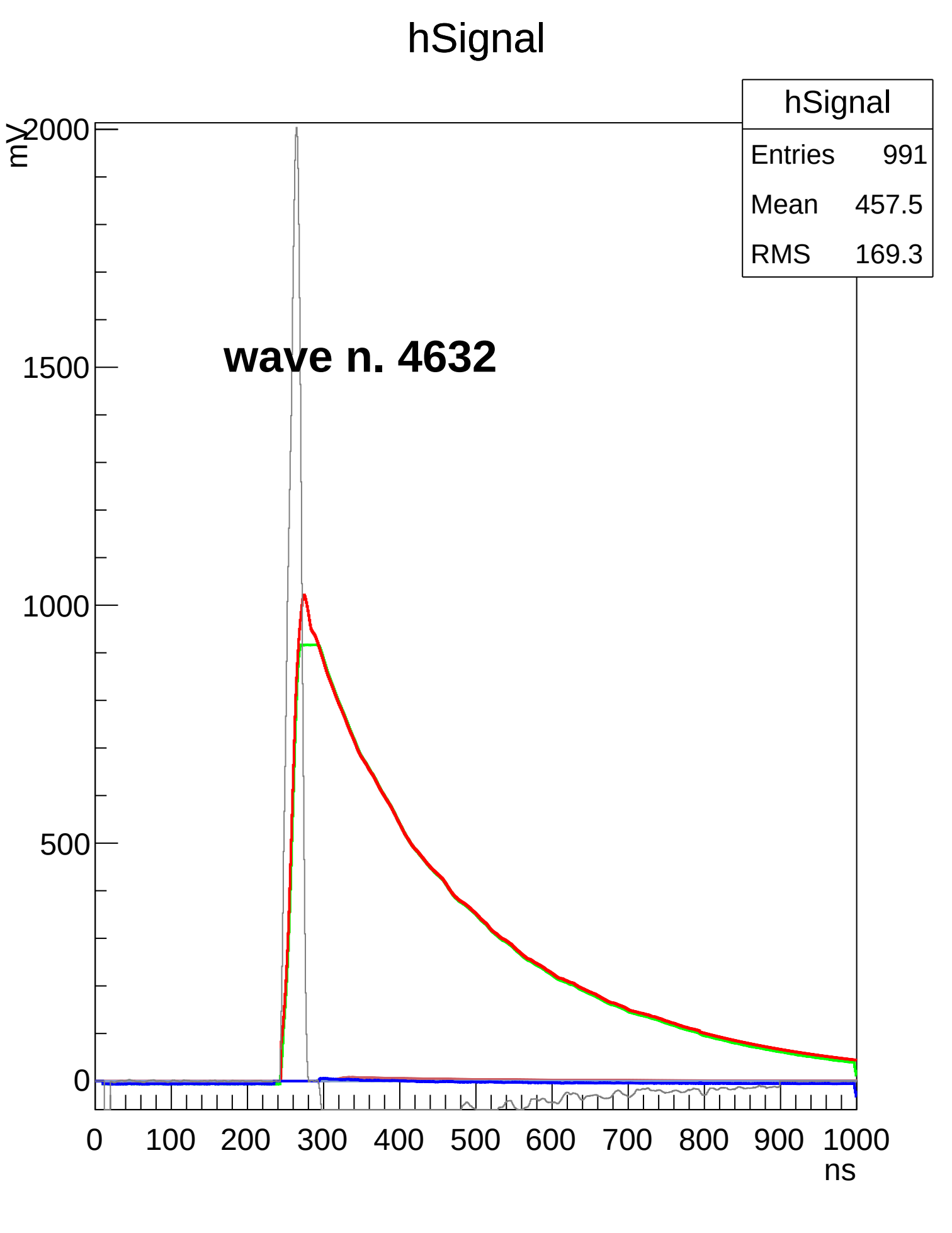
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 457.5
RMS 169.3
wave n. 4632
mV
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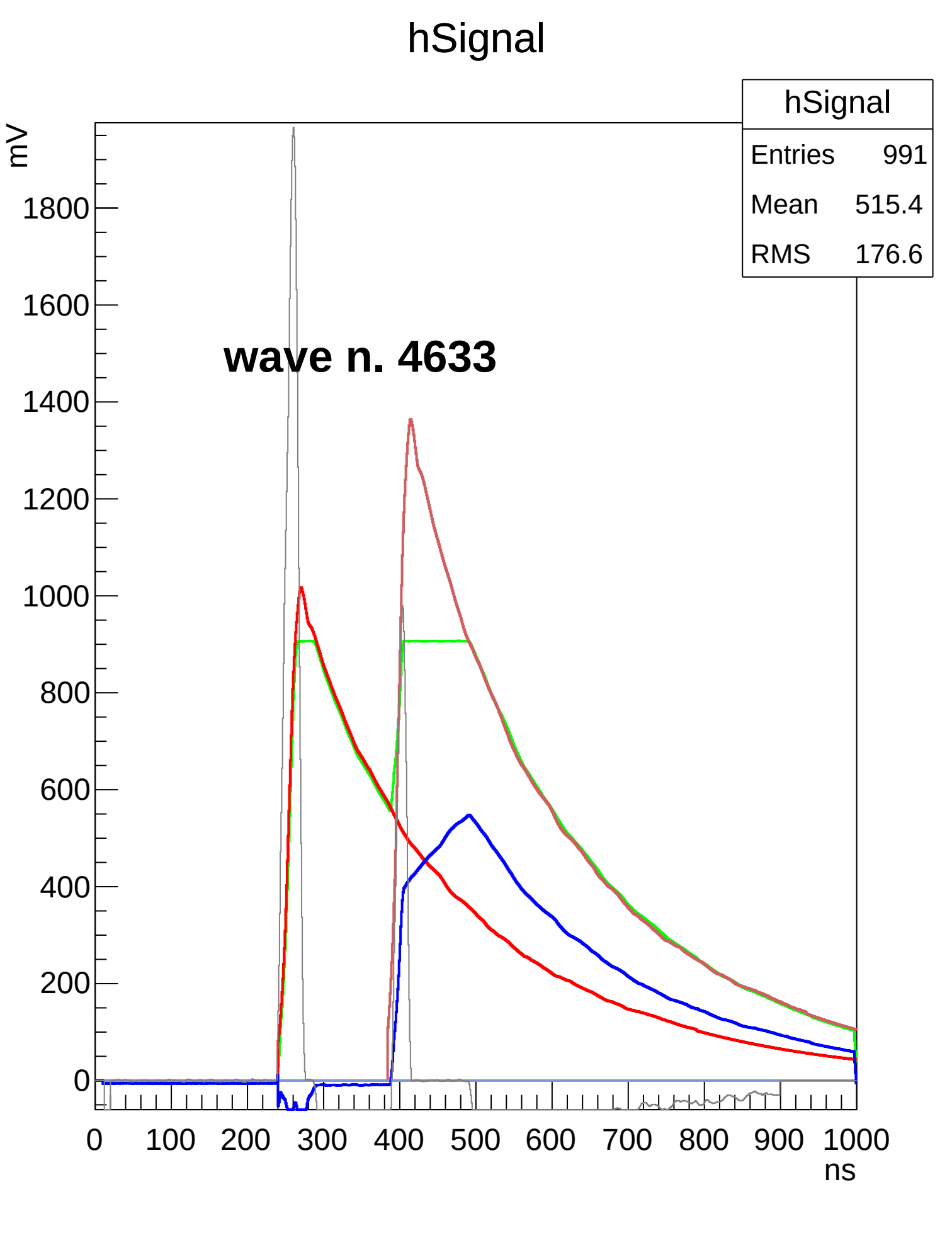
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.4
RMS 176.6
wave n. 4633
mV
1800
1600
1400
1200
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600
400
200
0
0
100
200
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1000
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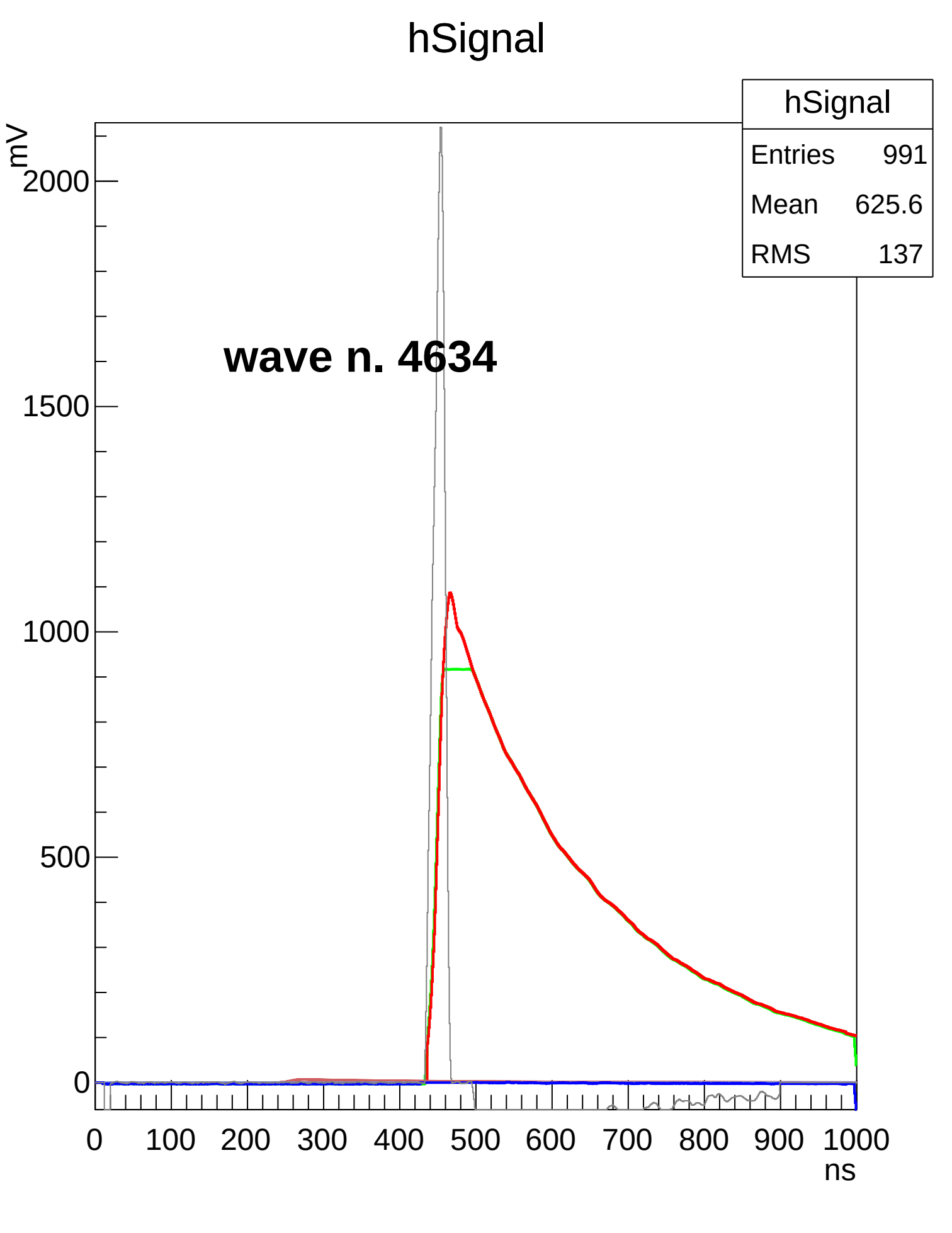
hSignal
hSignal
Entries 991
Mean 625.6
RMS 137
wave n. 4634
mV
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1000
500
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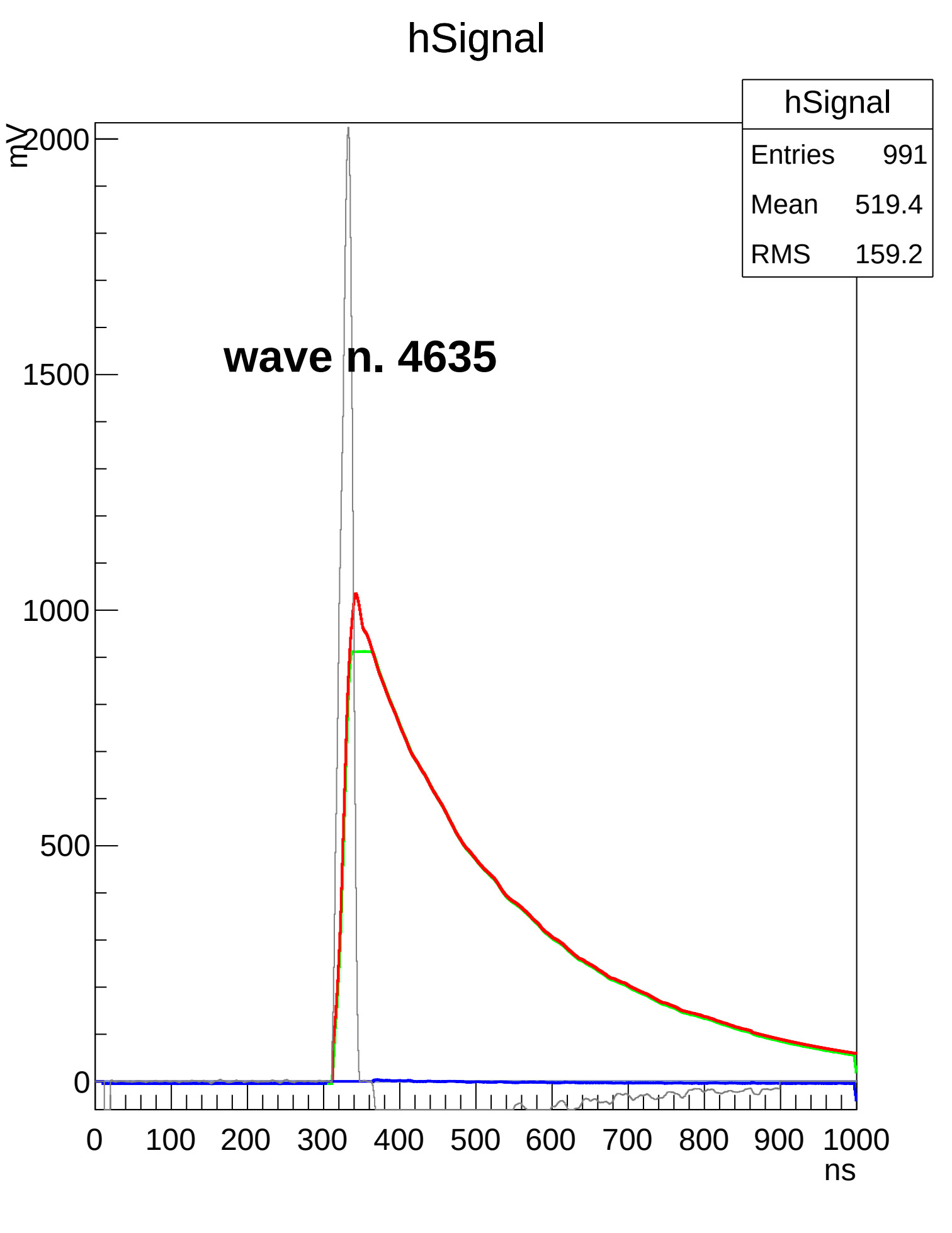
ns


hSignal
hSignal
Entries 991
Mean 519.4
RMS 159.2
wave n. 4635
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1000
500
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0
100
200
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400
500
600
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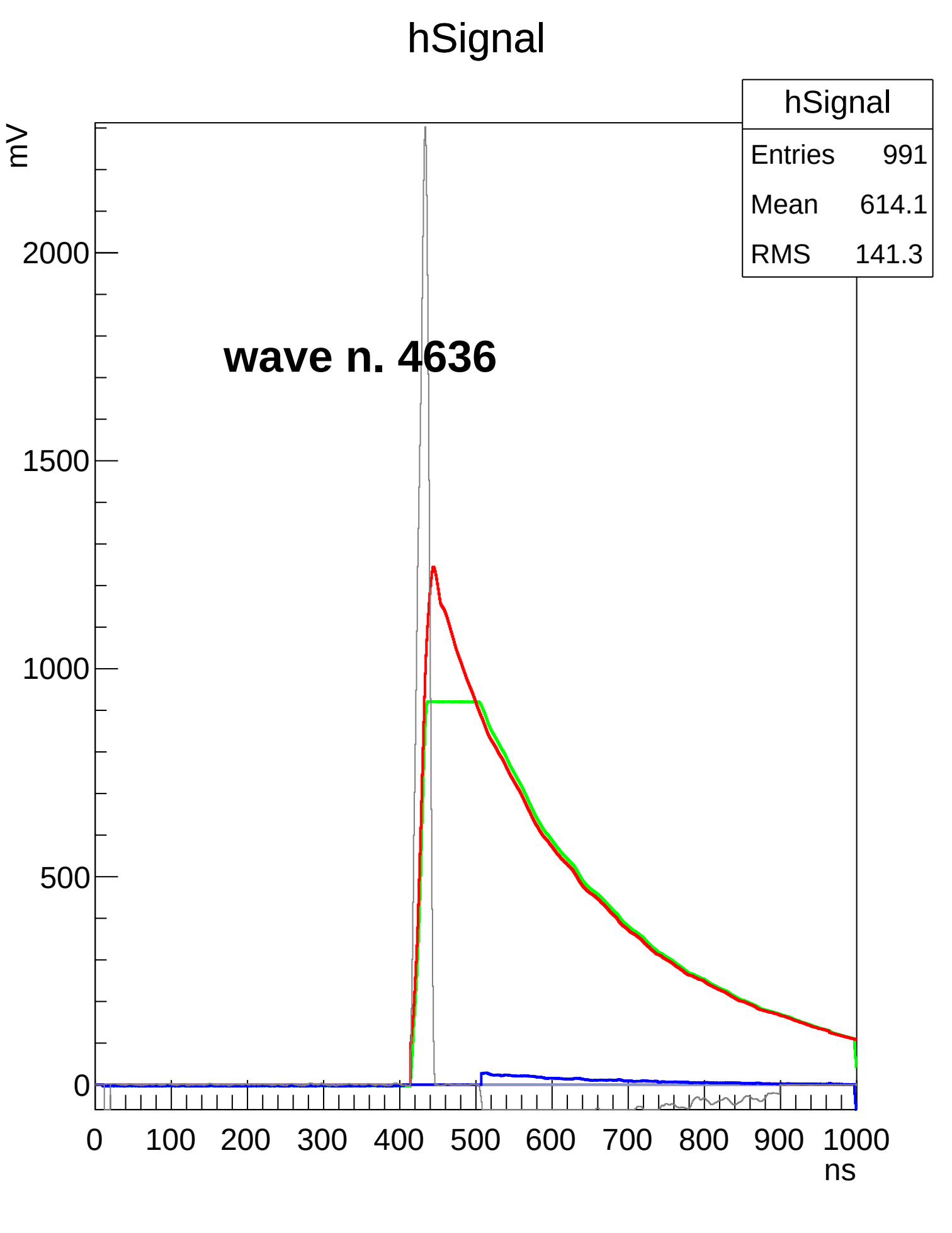
800
900
1000
ns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hSignal
Entries 991
Mean 614.1
RMS 141.3
wave n. 4636
mV
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1000
500
0
0
100
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400
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800
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1000
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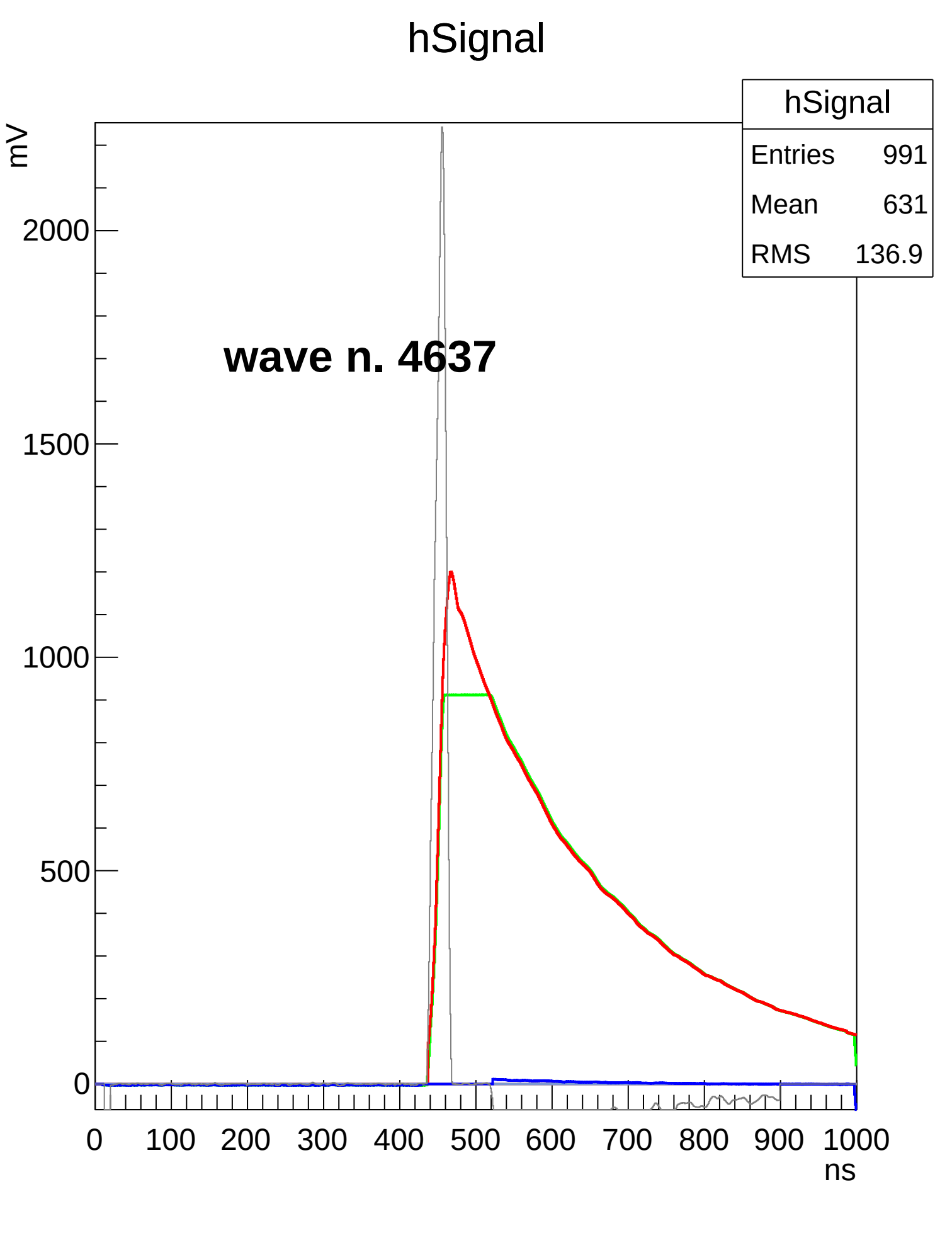
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hSignal
Entries 991
Mean 631
RMS 136.9
wave n. 4637
mV
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1500
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500
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0
100
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400
500
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700
800
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1000
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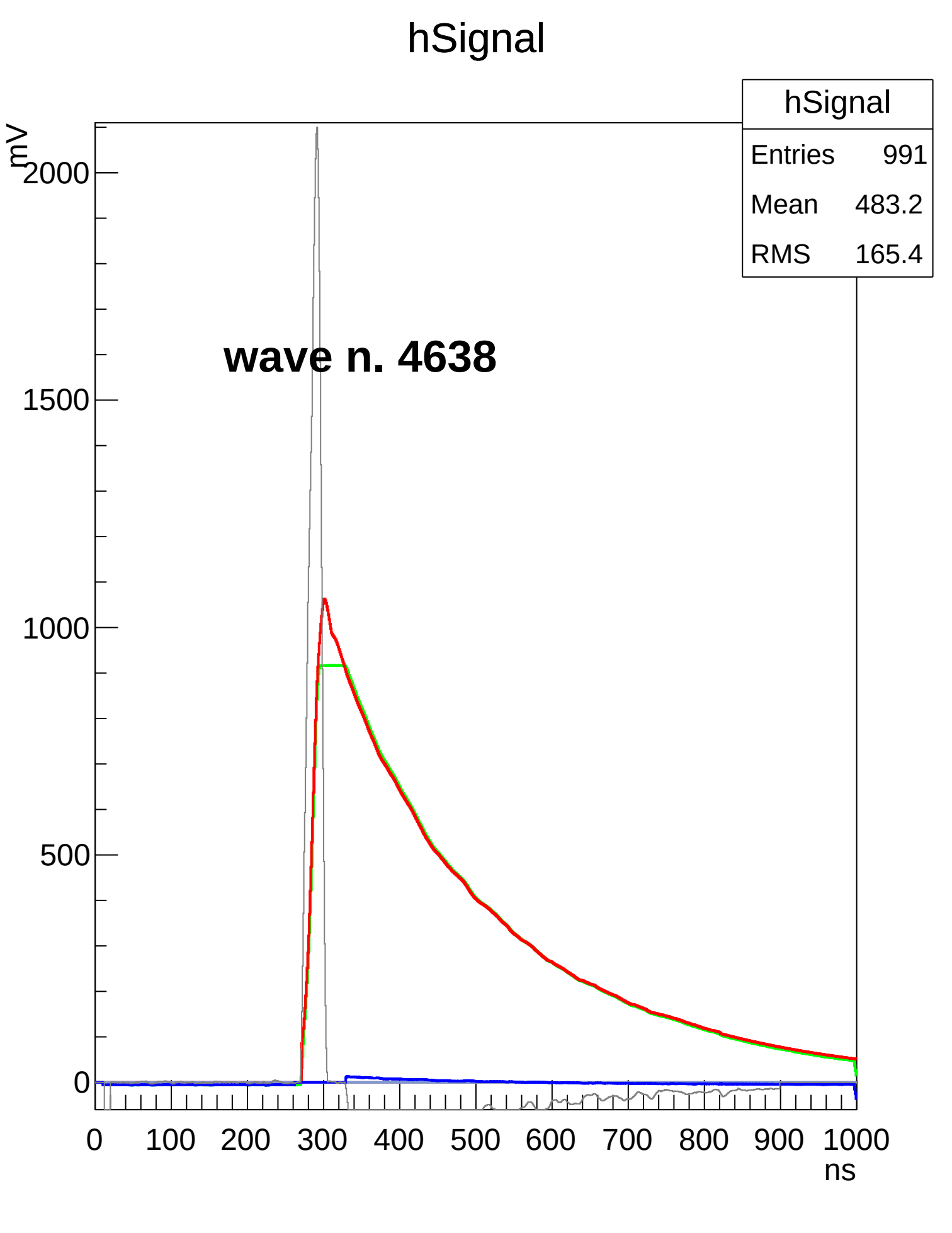
hSignal
hSignal
Entries 991
Mean 483.2
RMS 165.4
wave n. 4638
mV
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1500
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500
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0
100
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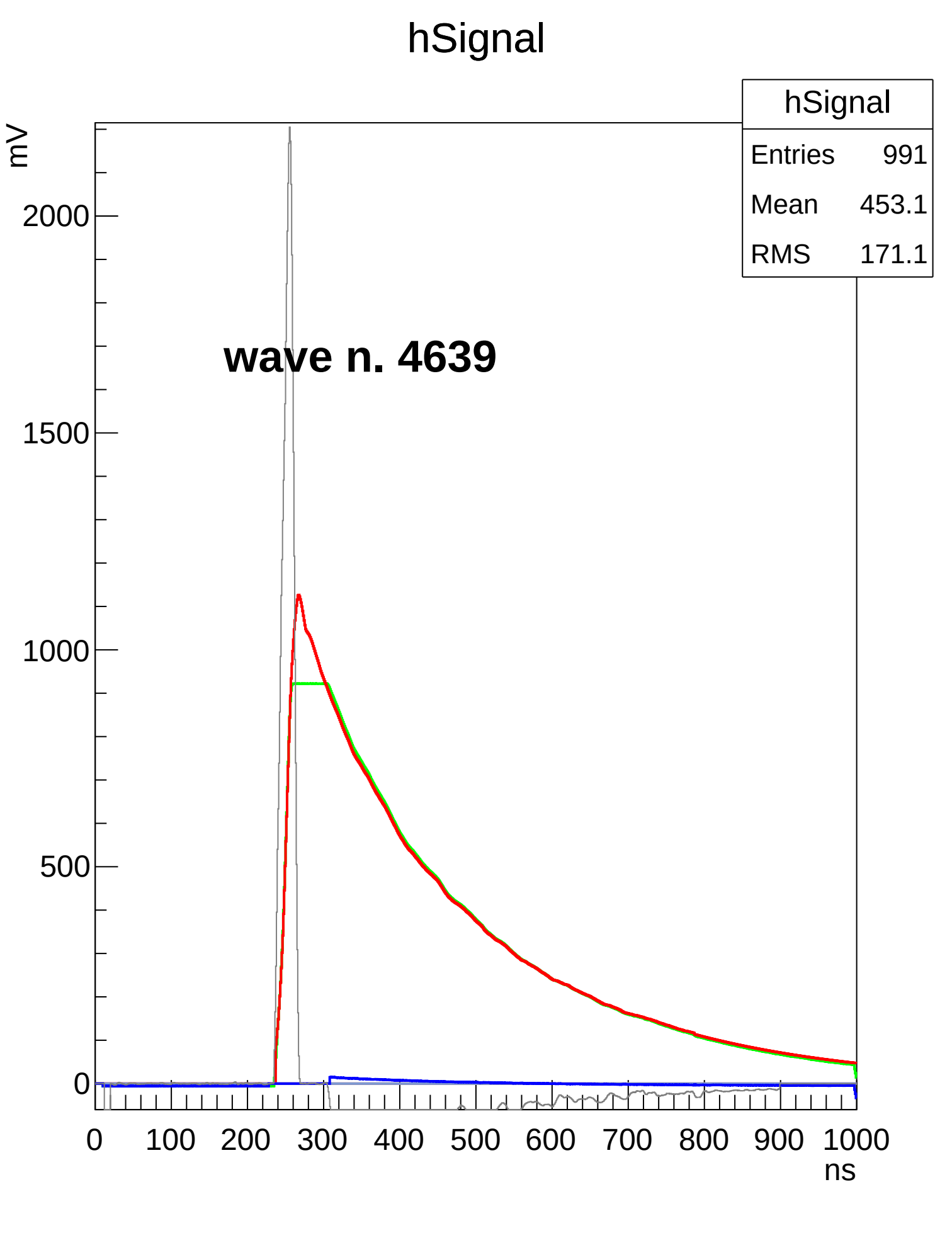
1000
ns


hSignal
hSignal
Entries 991
Mean 453.1
RMS 171.1
wave n. 4639
mV
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1500
1000
500
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0
100
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800
900
1000
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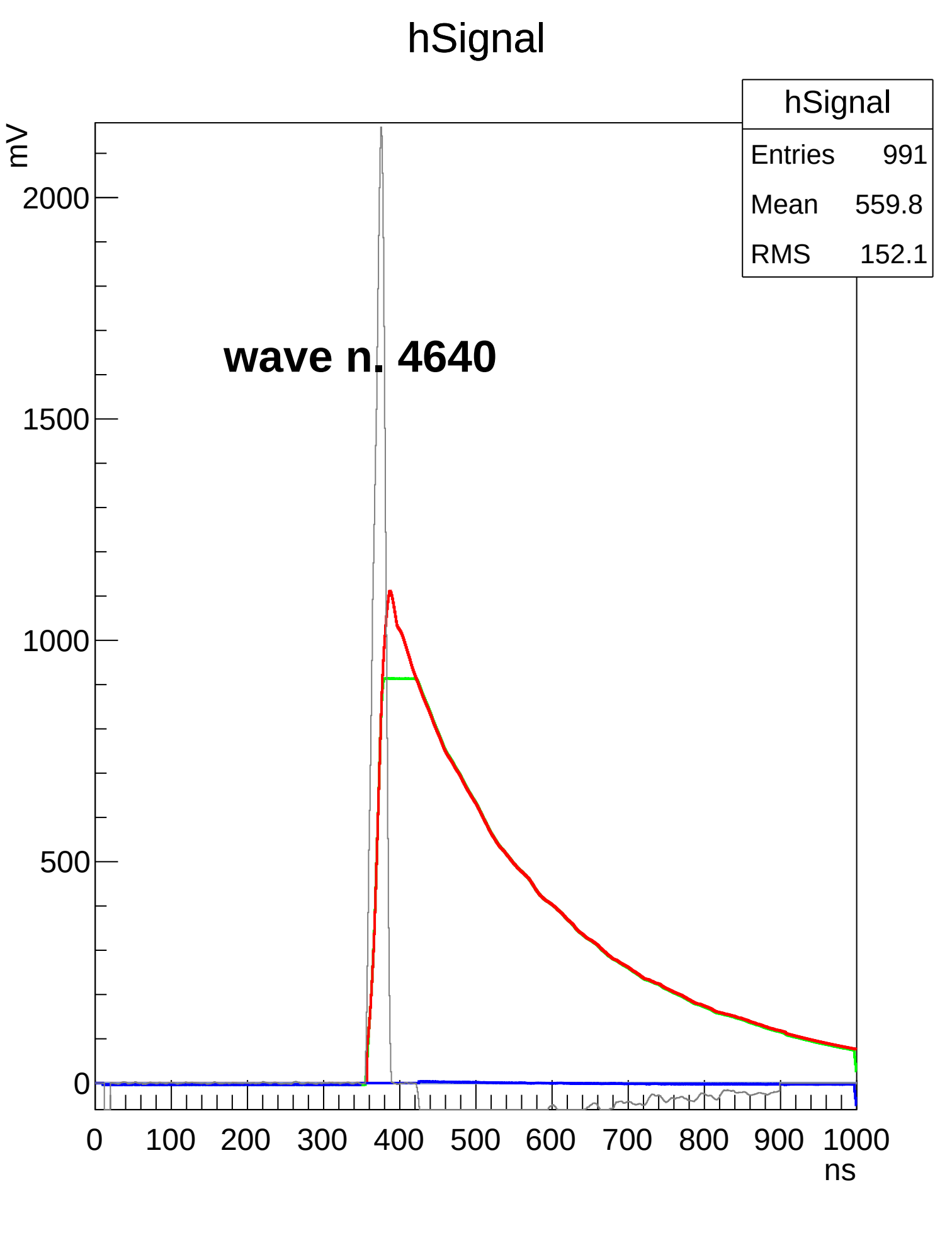
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hSignal
Entries 991
Mean 559.8
RMS 152.1
wave n. 4640
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500
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800
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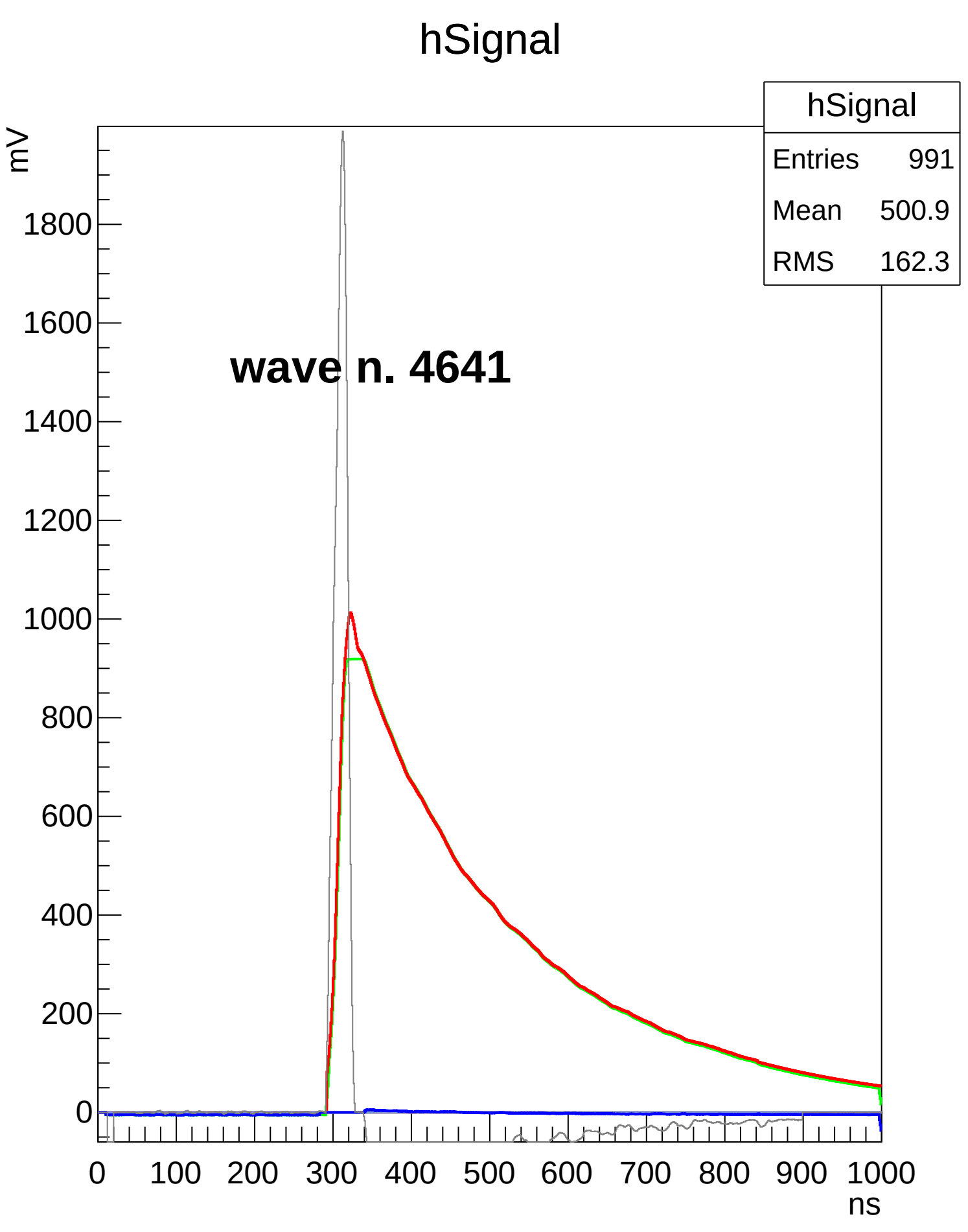
1000
ns


hSignal
hSignal
Entries 991
Mean 500.9
RMS 162.3
wave n. 4641
mV
1800
1600
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1200
1000
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600
400
200
0
0
100
200
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400
500
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700
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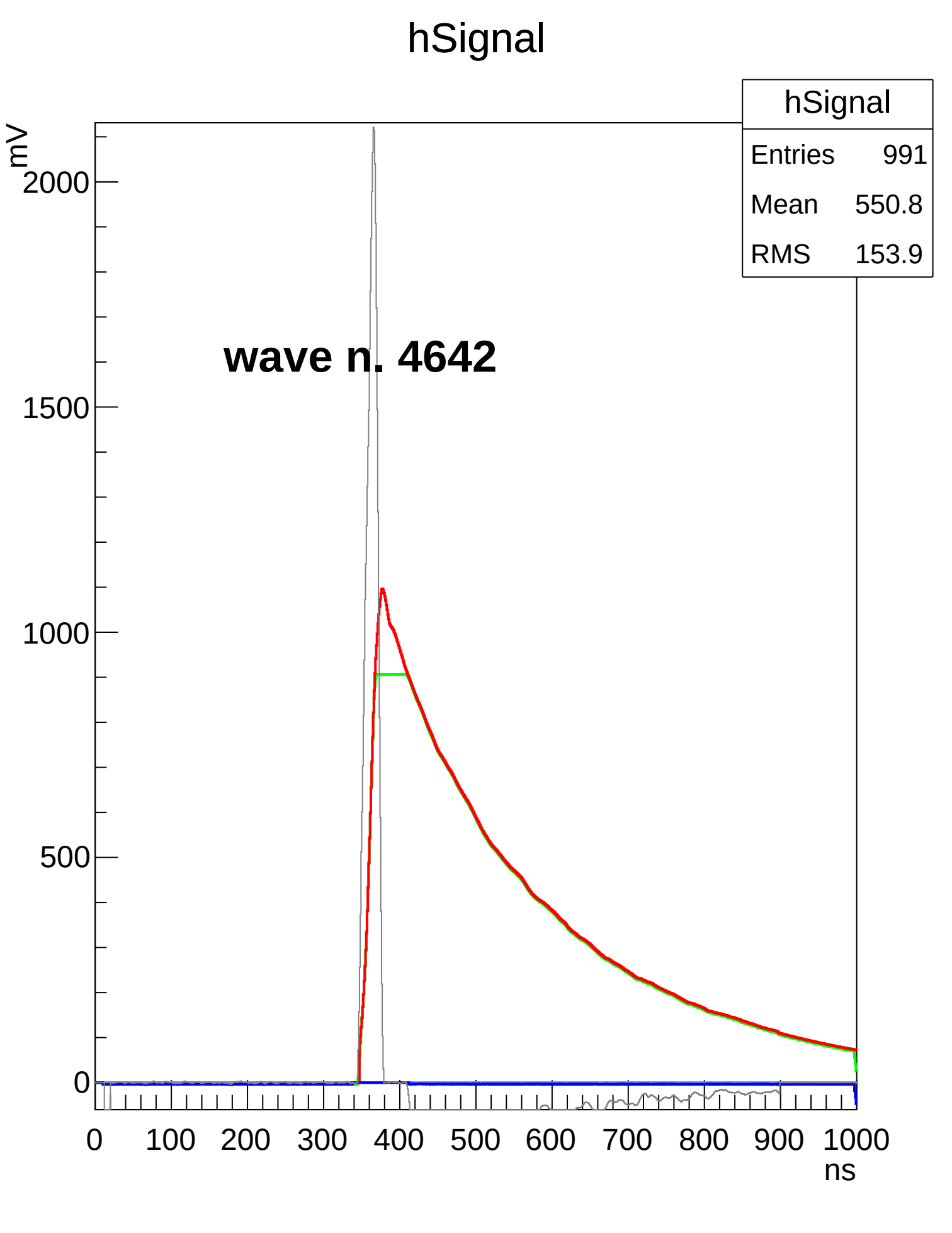
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.8
RMS 153.9
wave n. 4642
mV
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1500
1000
500
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100
200
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400
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800
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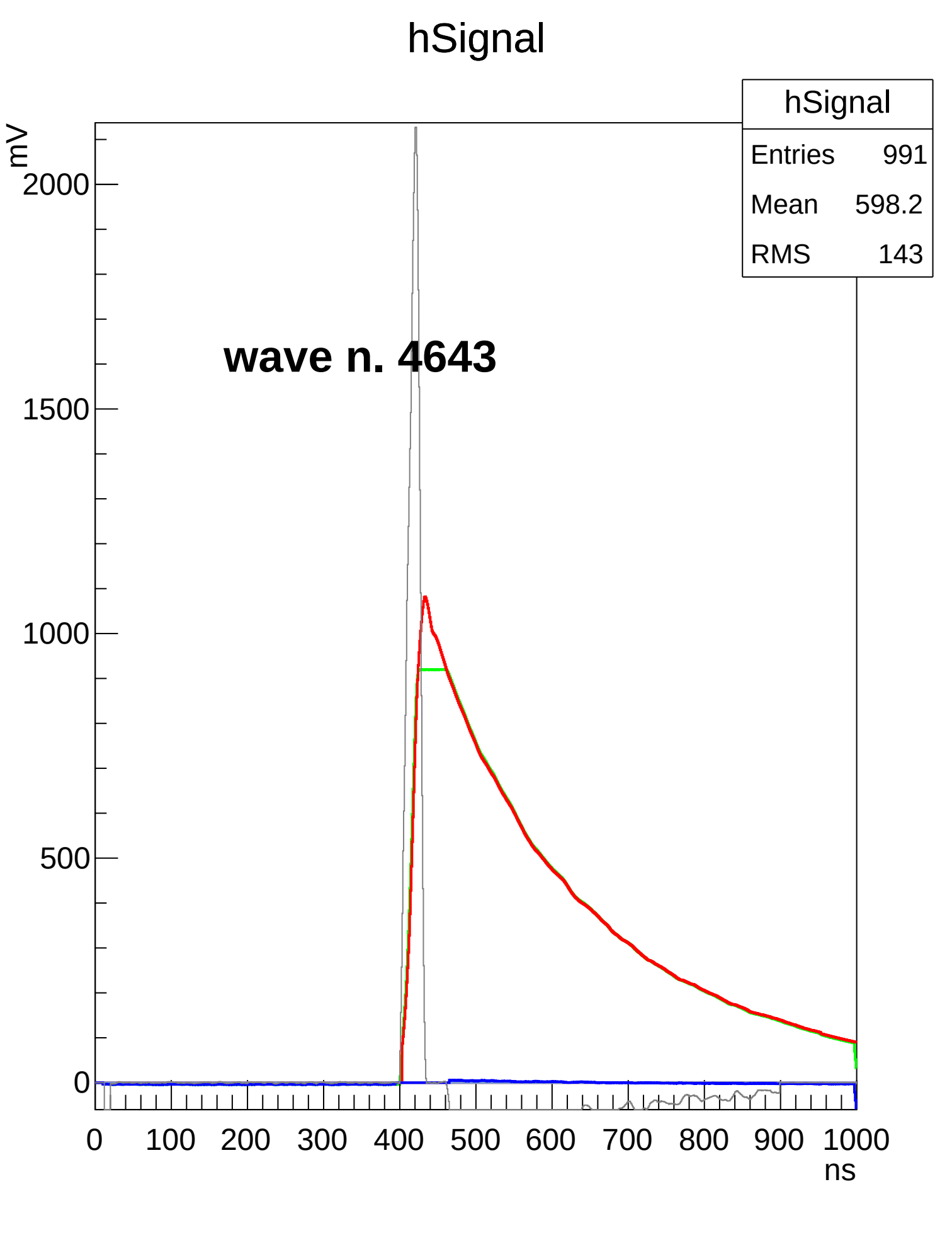
1000
ns


hSignal
hSignal
Entries 991
Mean 598.2
RMS 143
wave n. 4643
mV
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1500
1000
500
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0
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400
500
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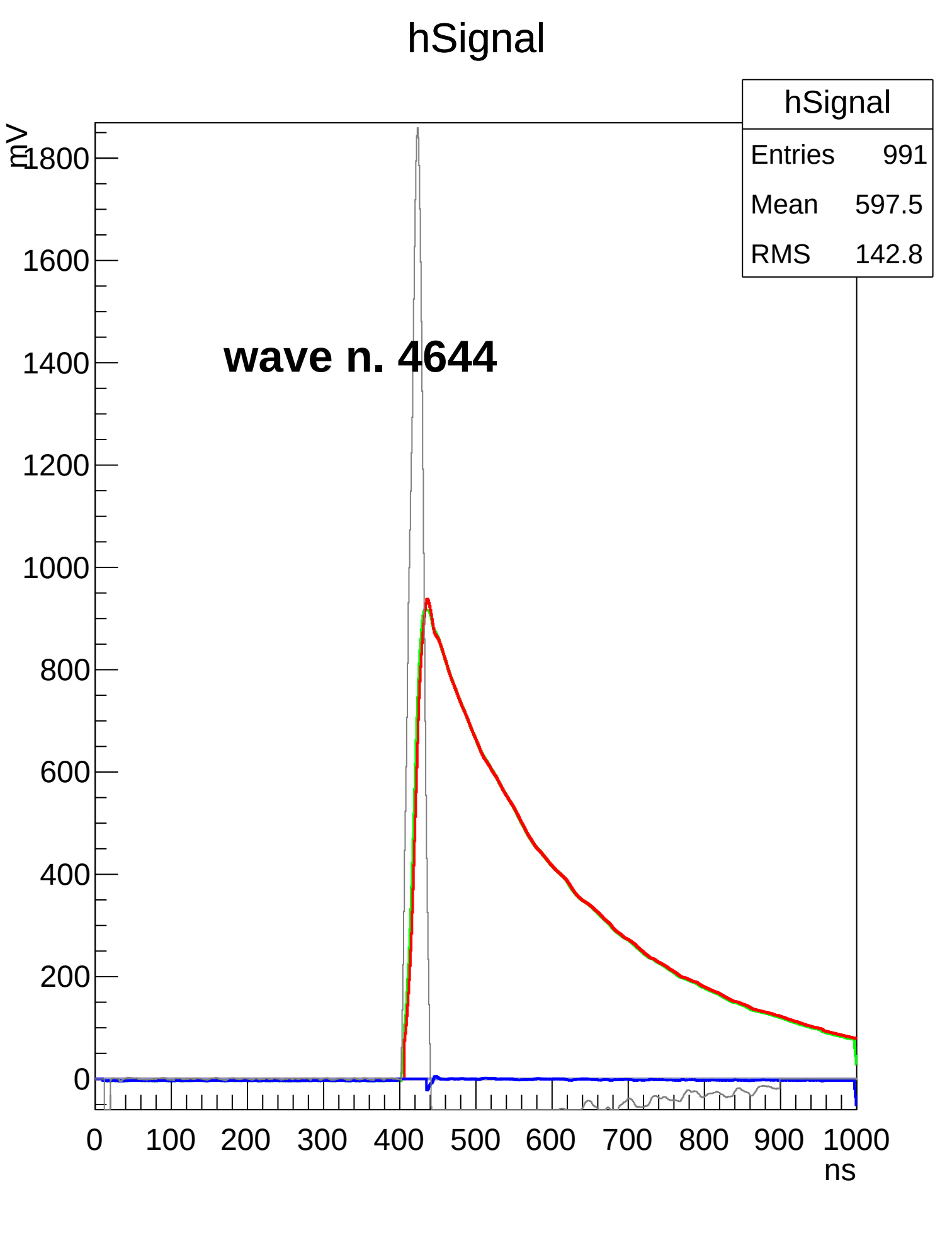
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597.5
RMS 142.8
wave n. 4644
mV
1800
1600
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200
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400
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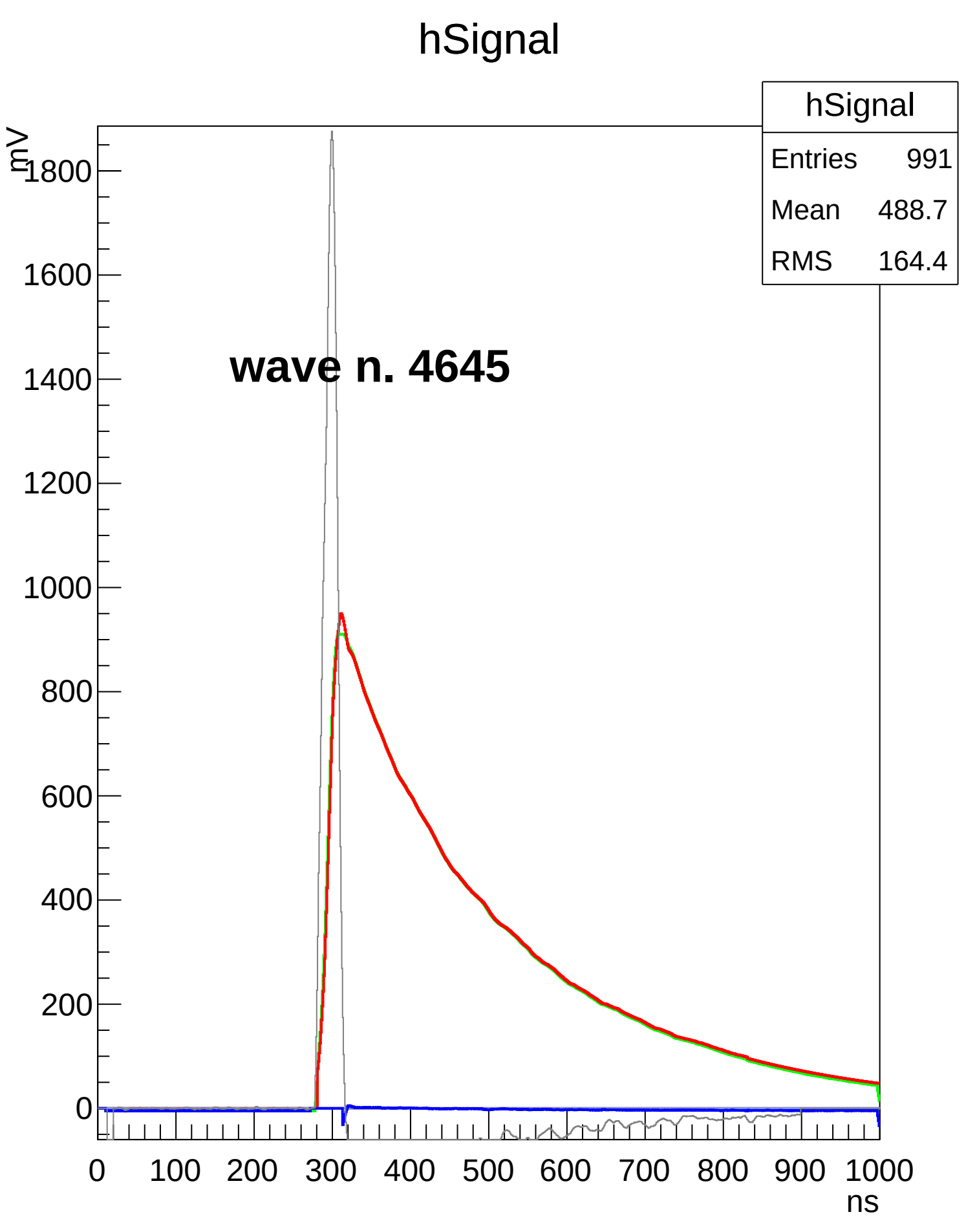
hSignal
hSignal
Entries 991
Mean 488.7
RMS 164.4
wave n. 4645
mV
1800
1600
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600
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200
0
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400
500
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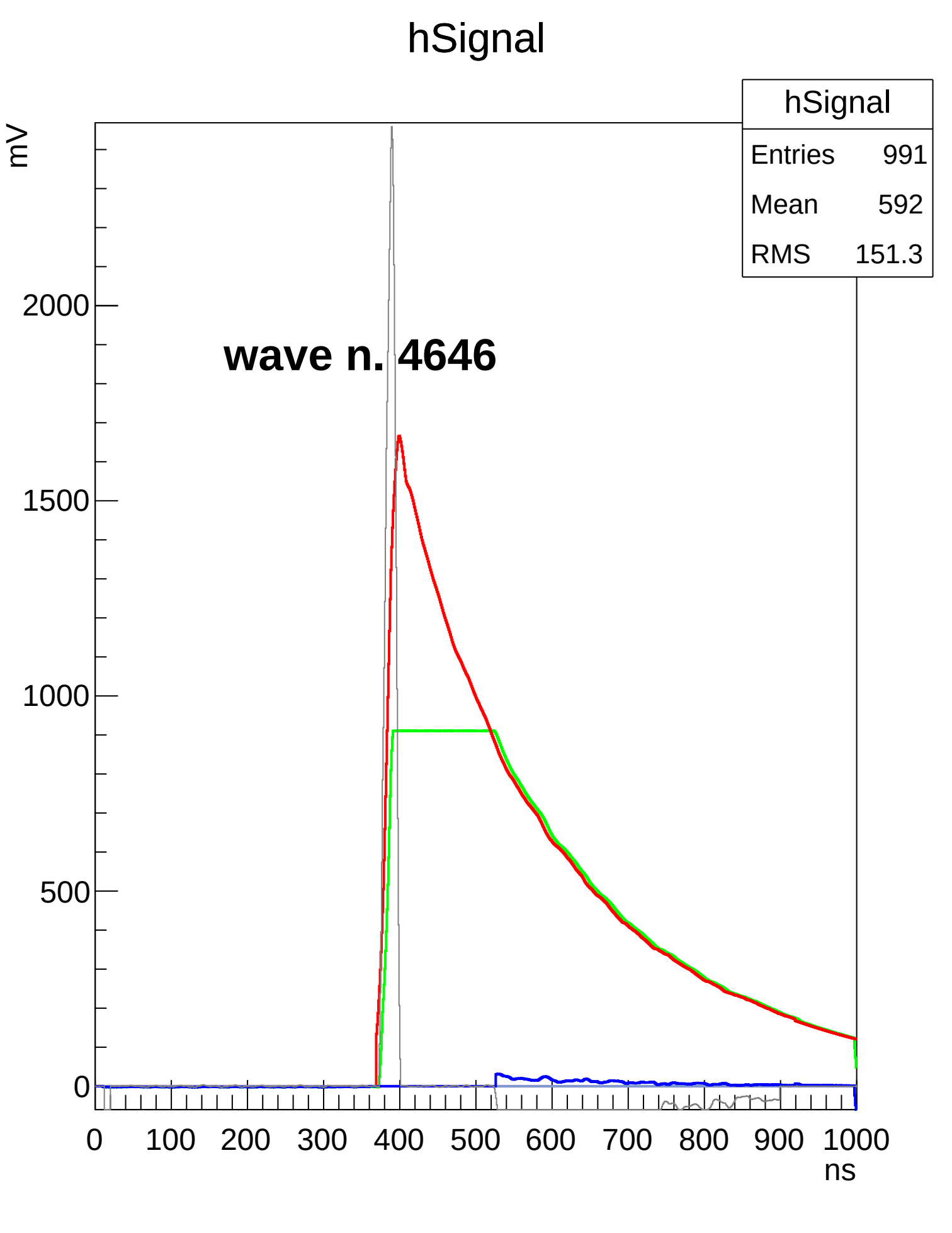
1000
ns


hSignal
hSignal
Entries 991
Mean 592
RMS 151.3
wave n. 4646
mV
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1000
500
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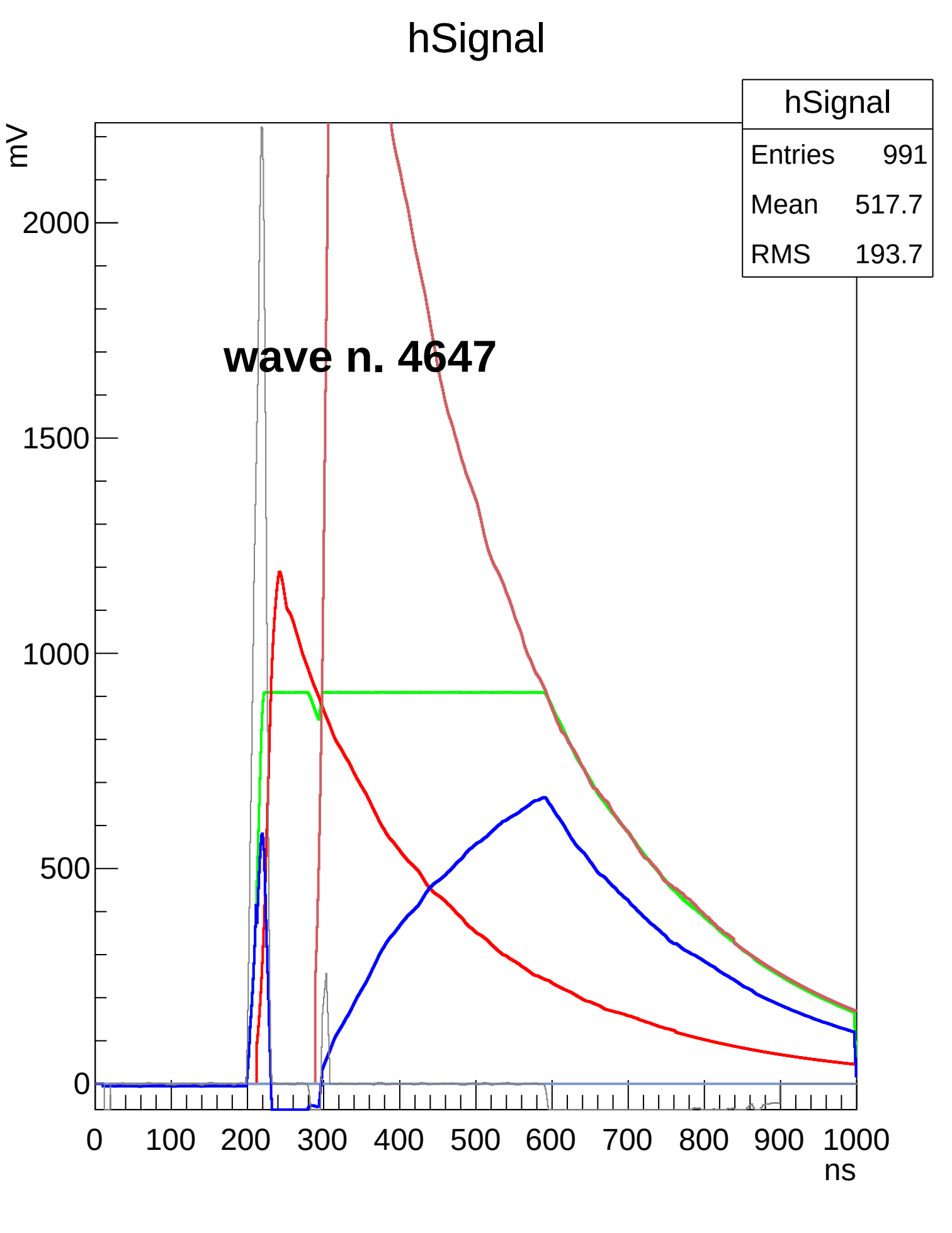
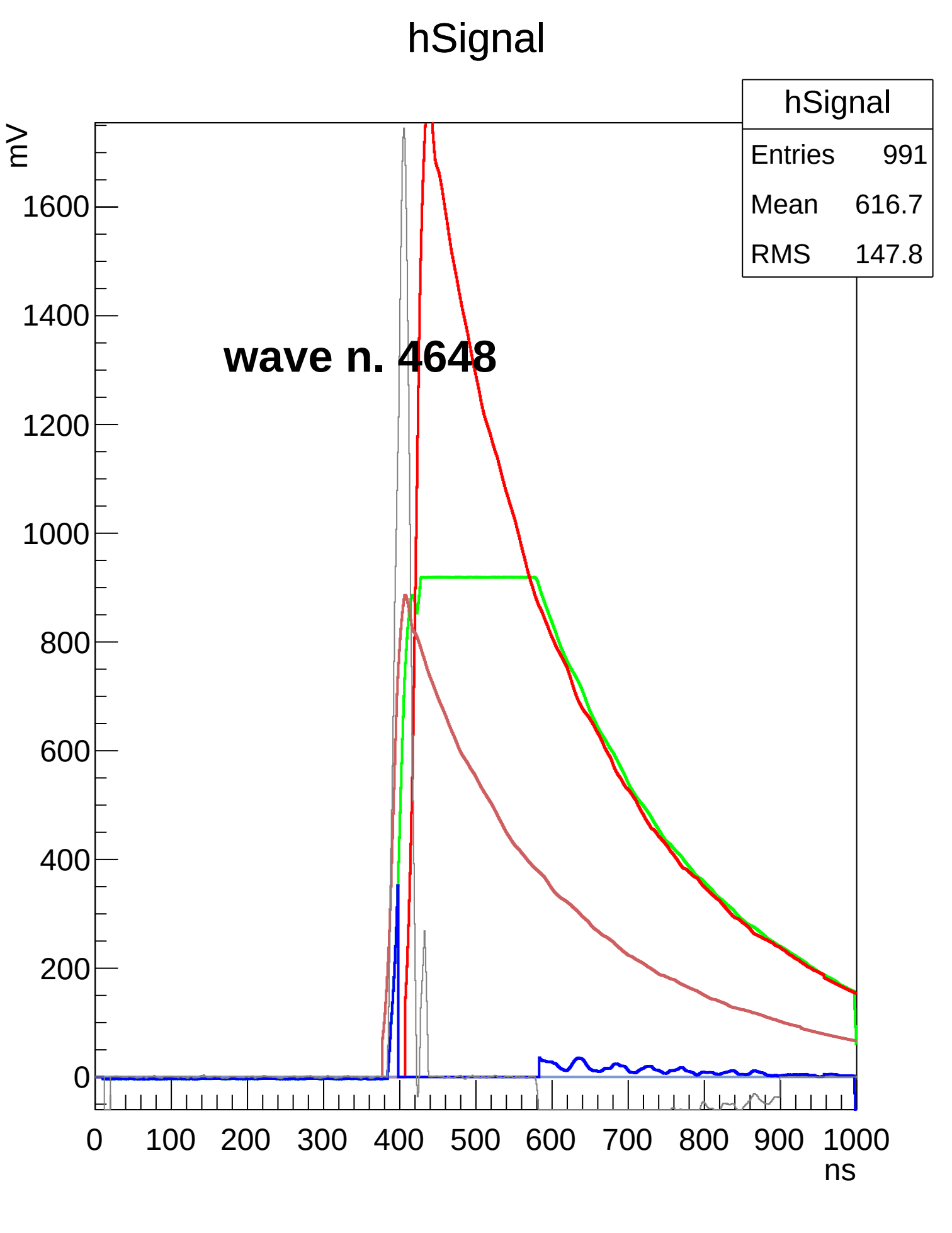
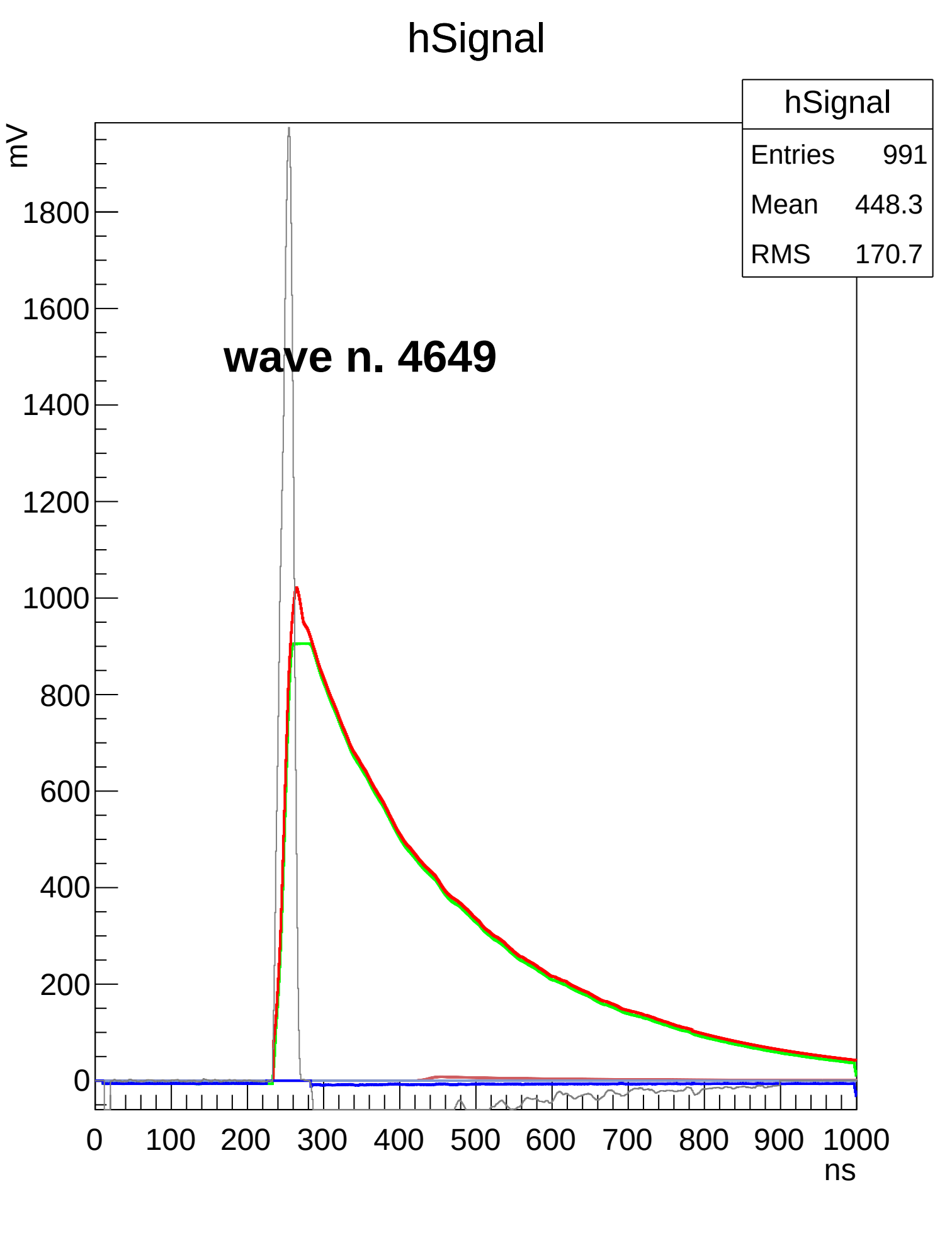
ns


hSignal
hSignal
Entries 991
Mean 517.7
RMS 193.7
wave n. 4647
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 616.7
RMS 147.8
wave n. 4648
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 448.3
RMS 170.7
wave n. 4649
mV
1800
1600
1400
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600
400
200
0
0
100
200
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400
500
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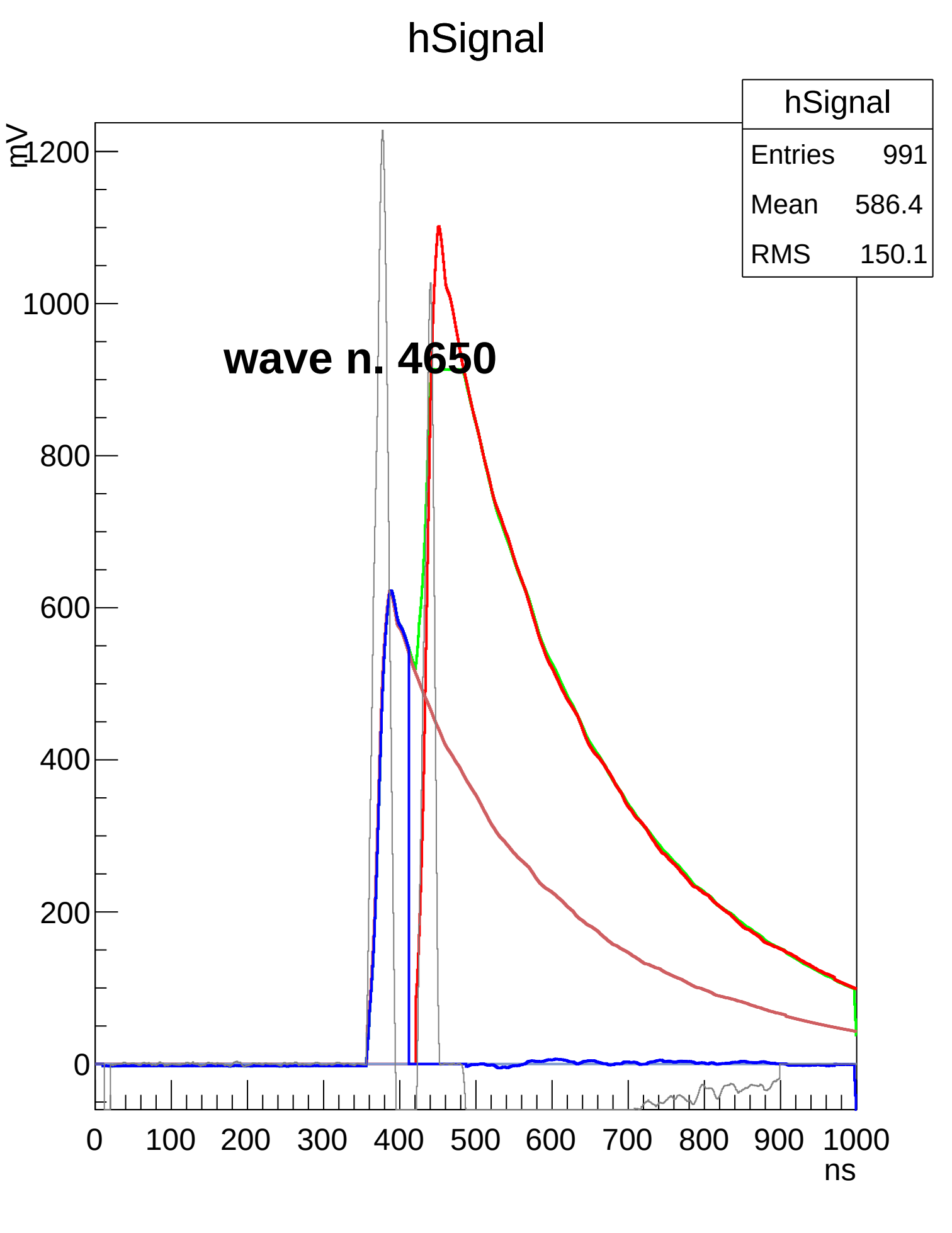
900
1000
ns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Entries 991
Mean 586.4
RMS 150.1
wave n. 4650
mV
1200
1000
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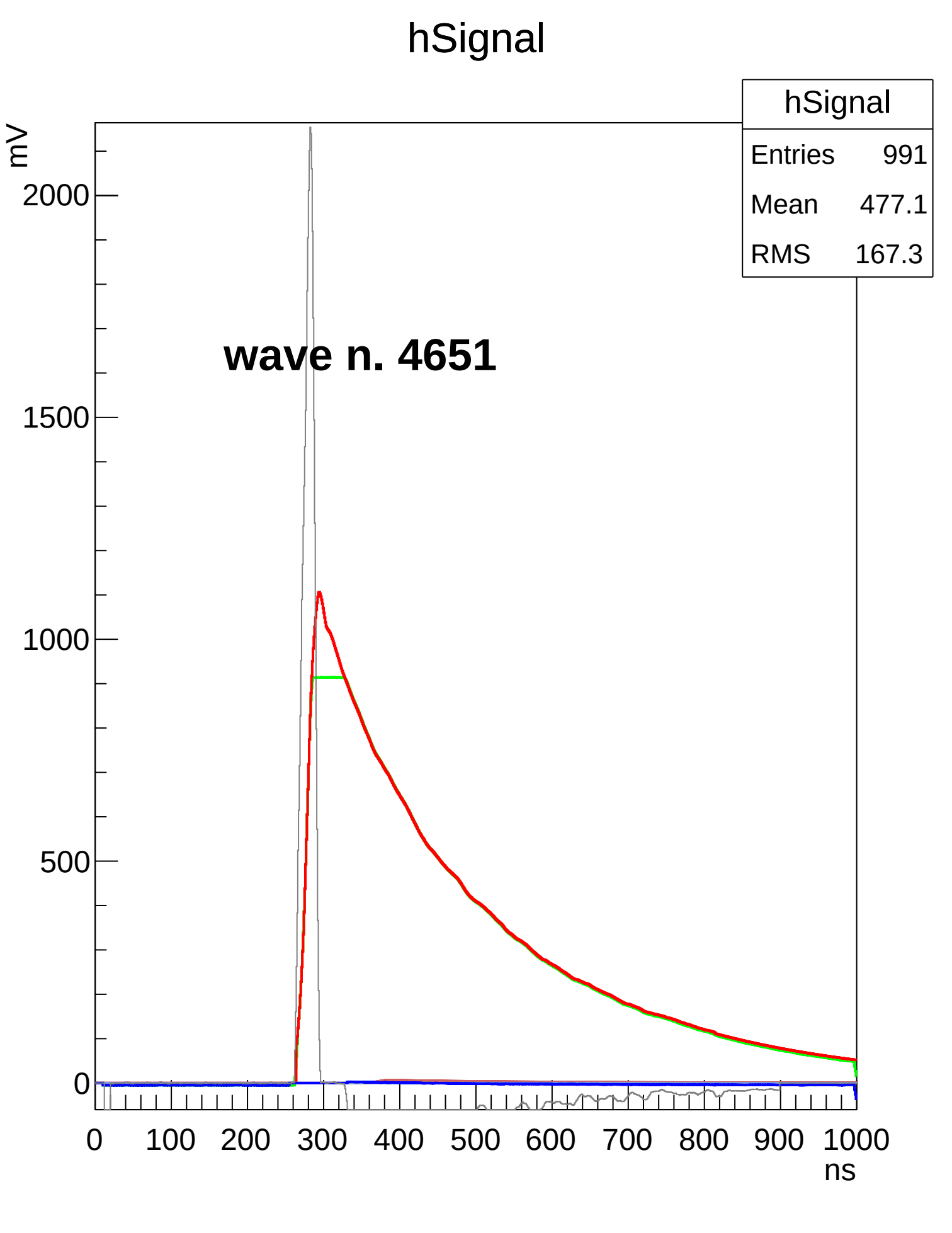
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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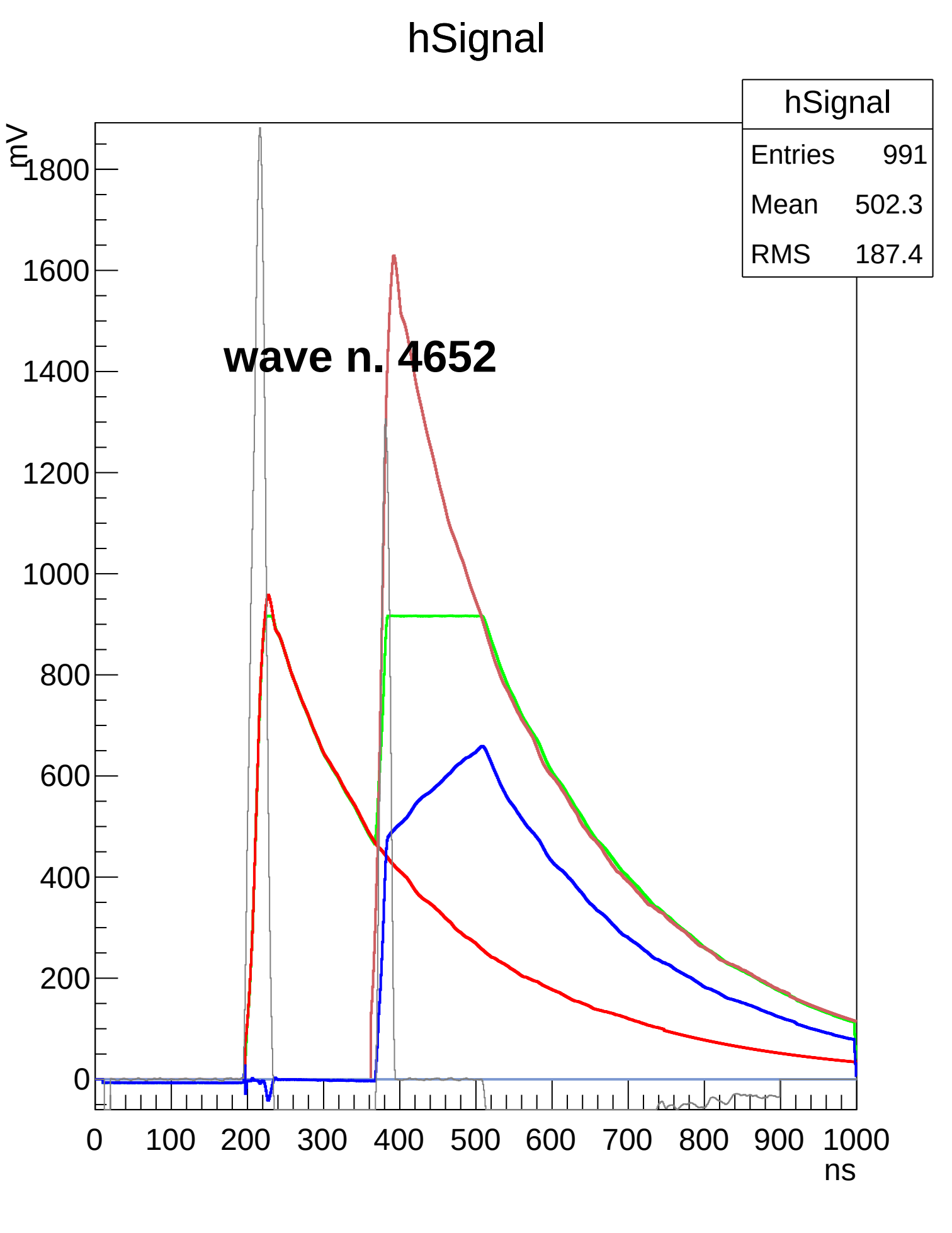
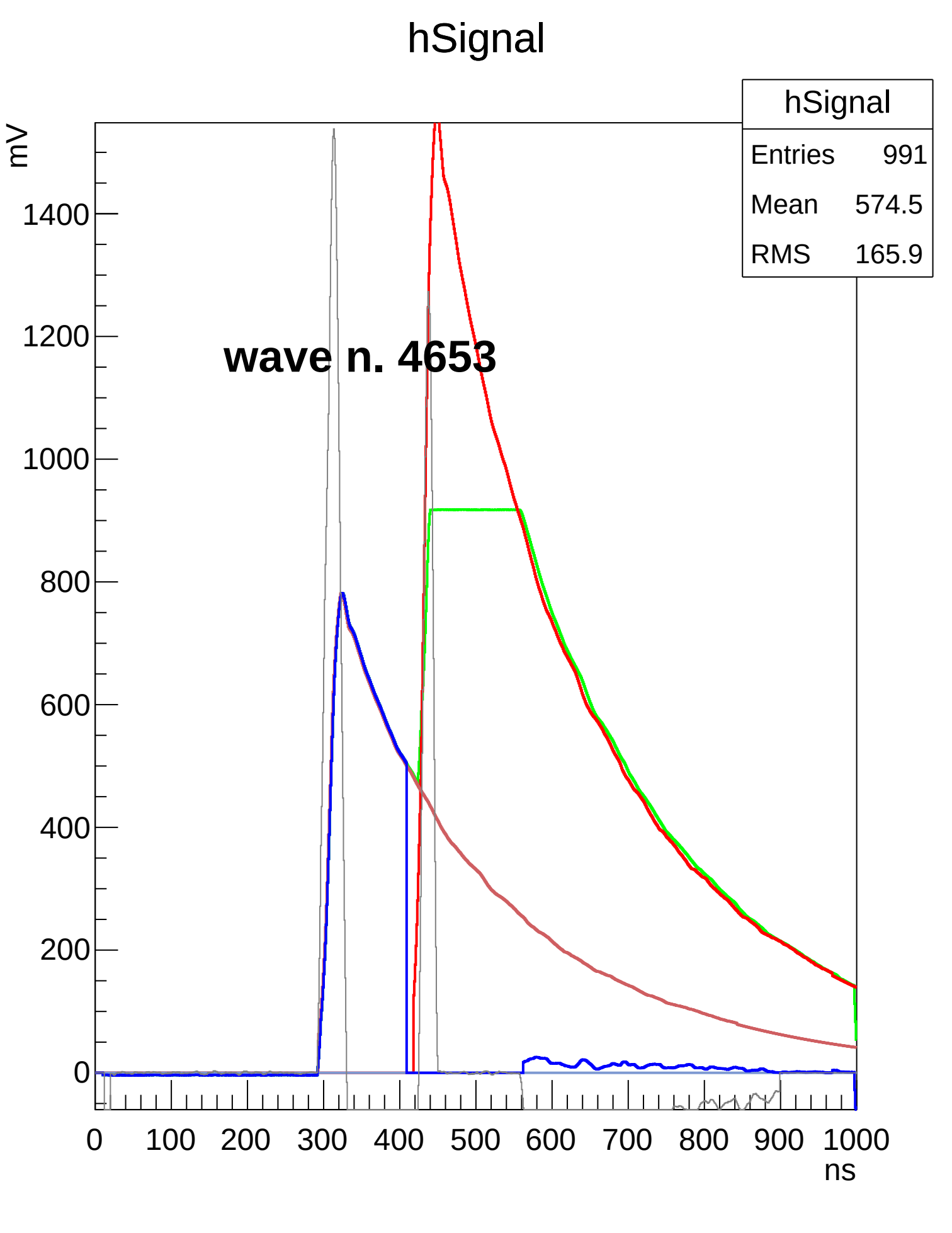
hSignal
Entries 991
Mean 477.1
RMS 167.3
wave n. 4651
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.3
RMS 187.4
wave n. 4652
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 574.5
RMS 165.9
wave n. 4653
mV
1400
1200
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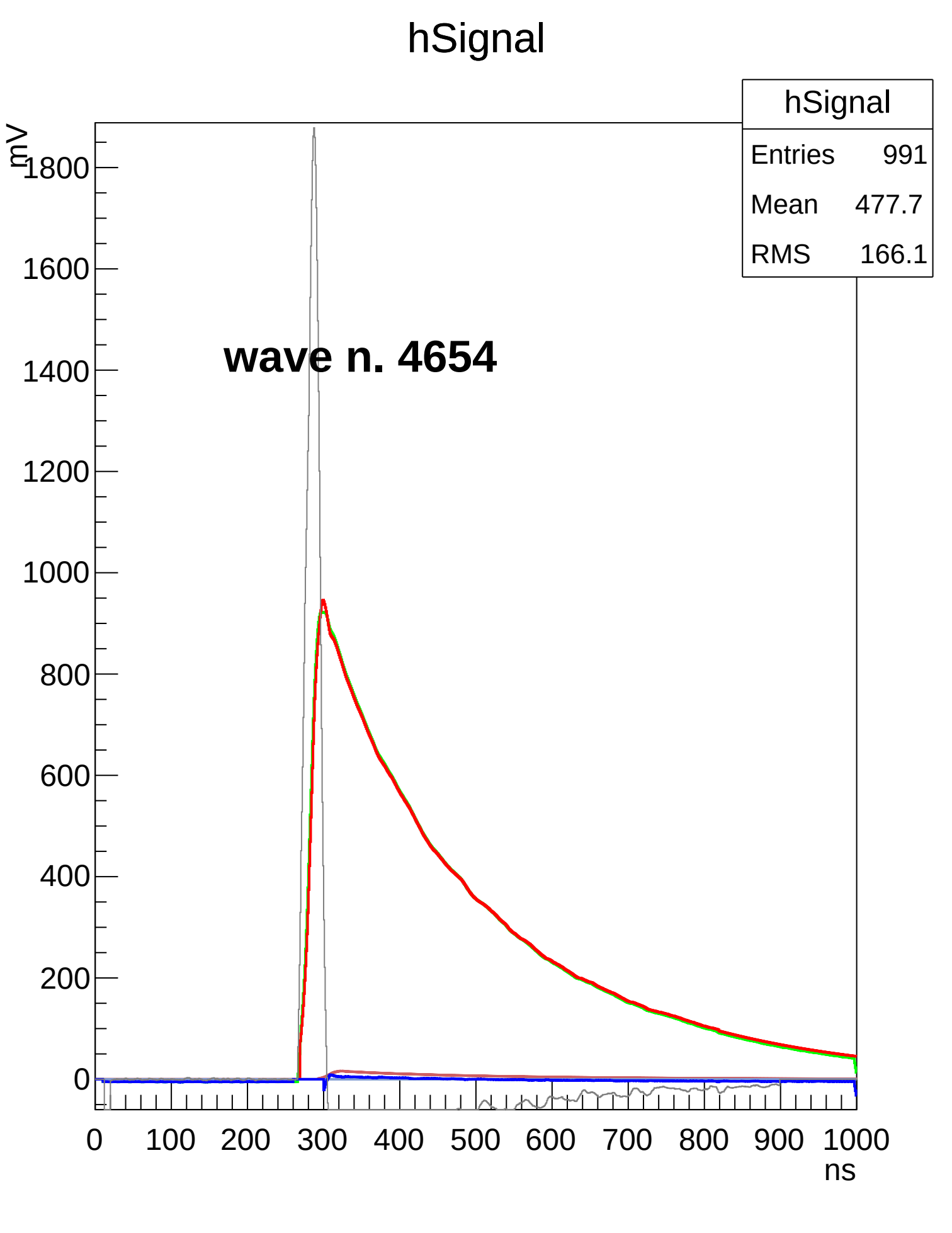
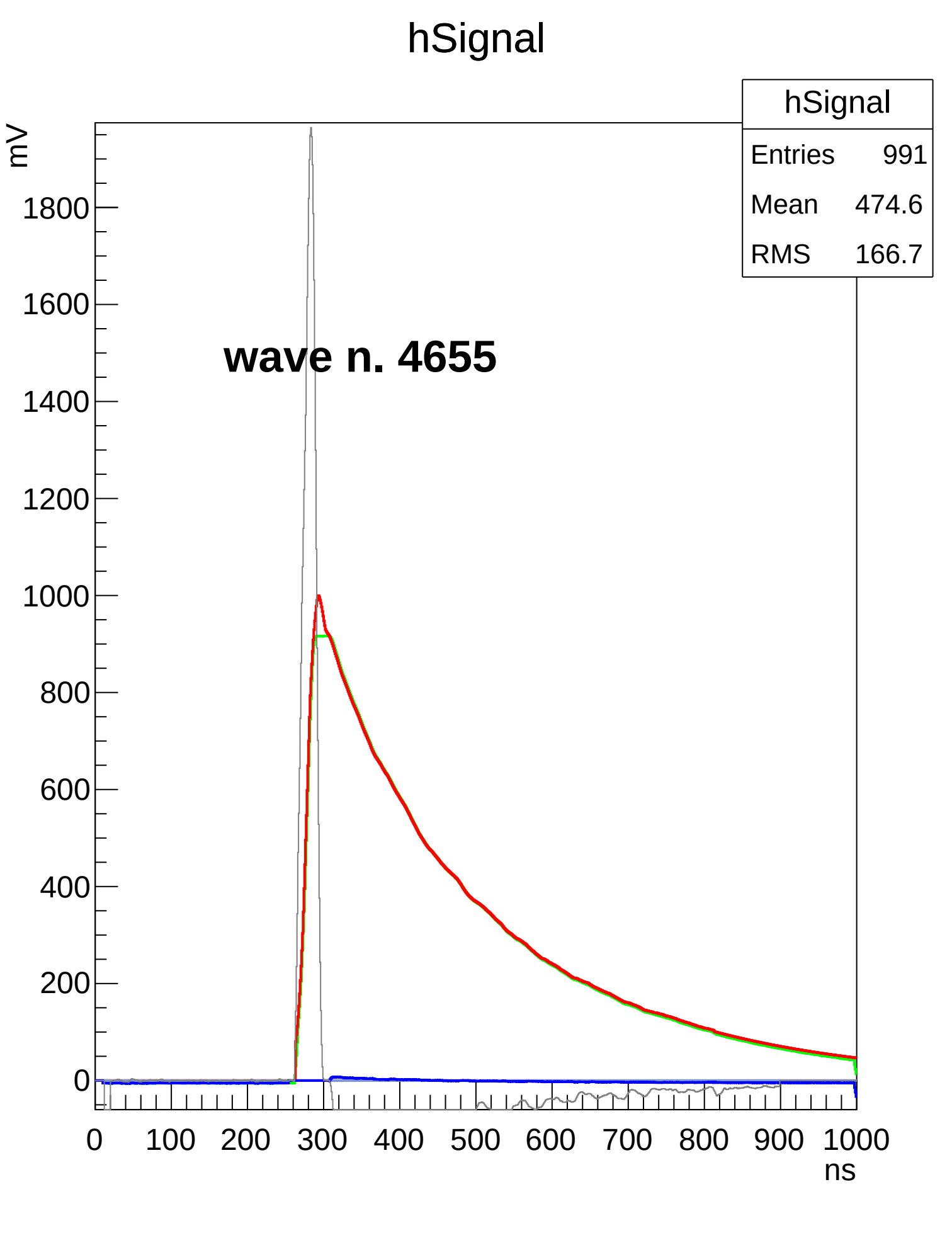
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 477.7
RMS 166.1
wave n. 4654
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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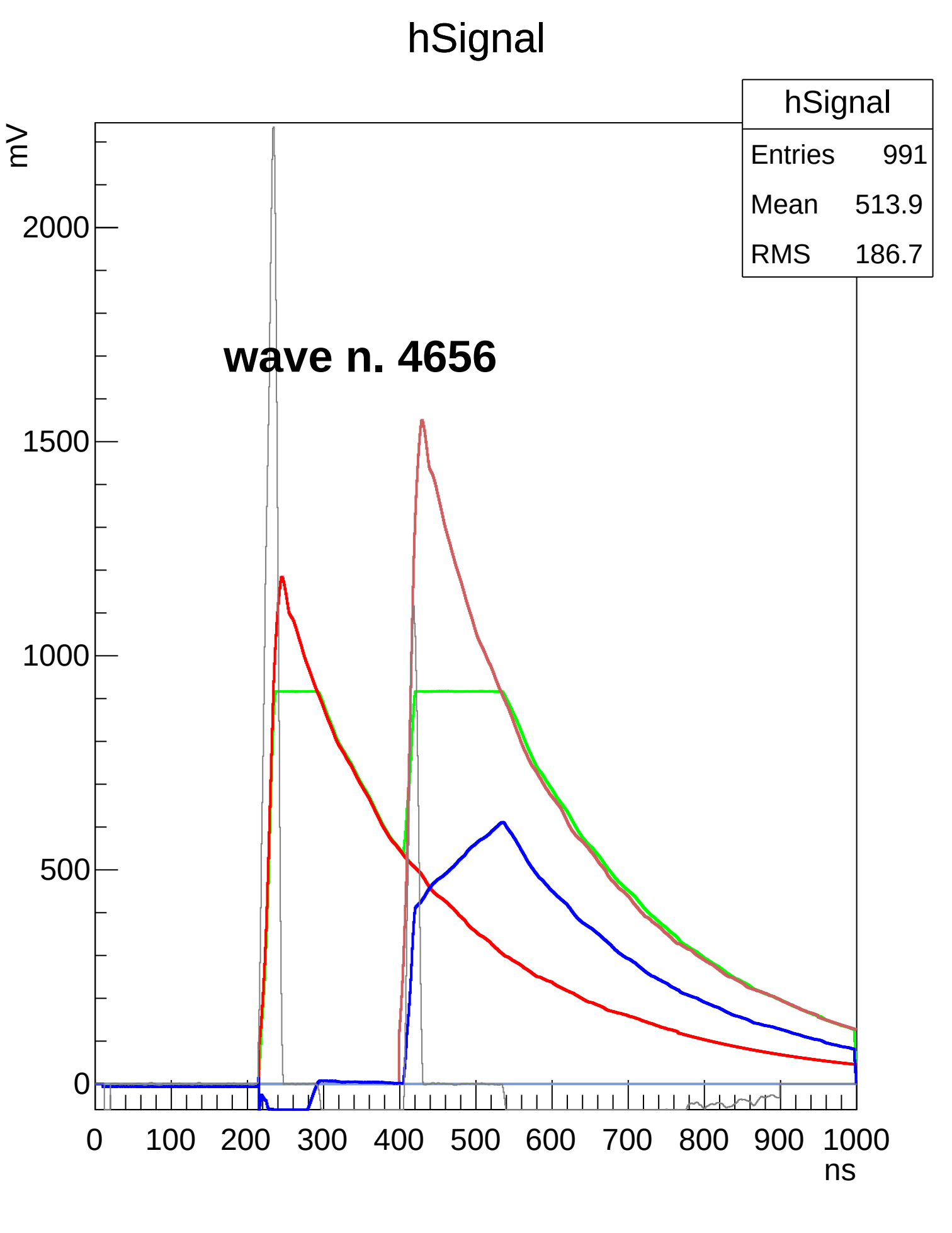
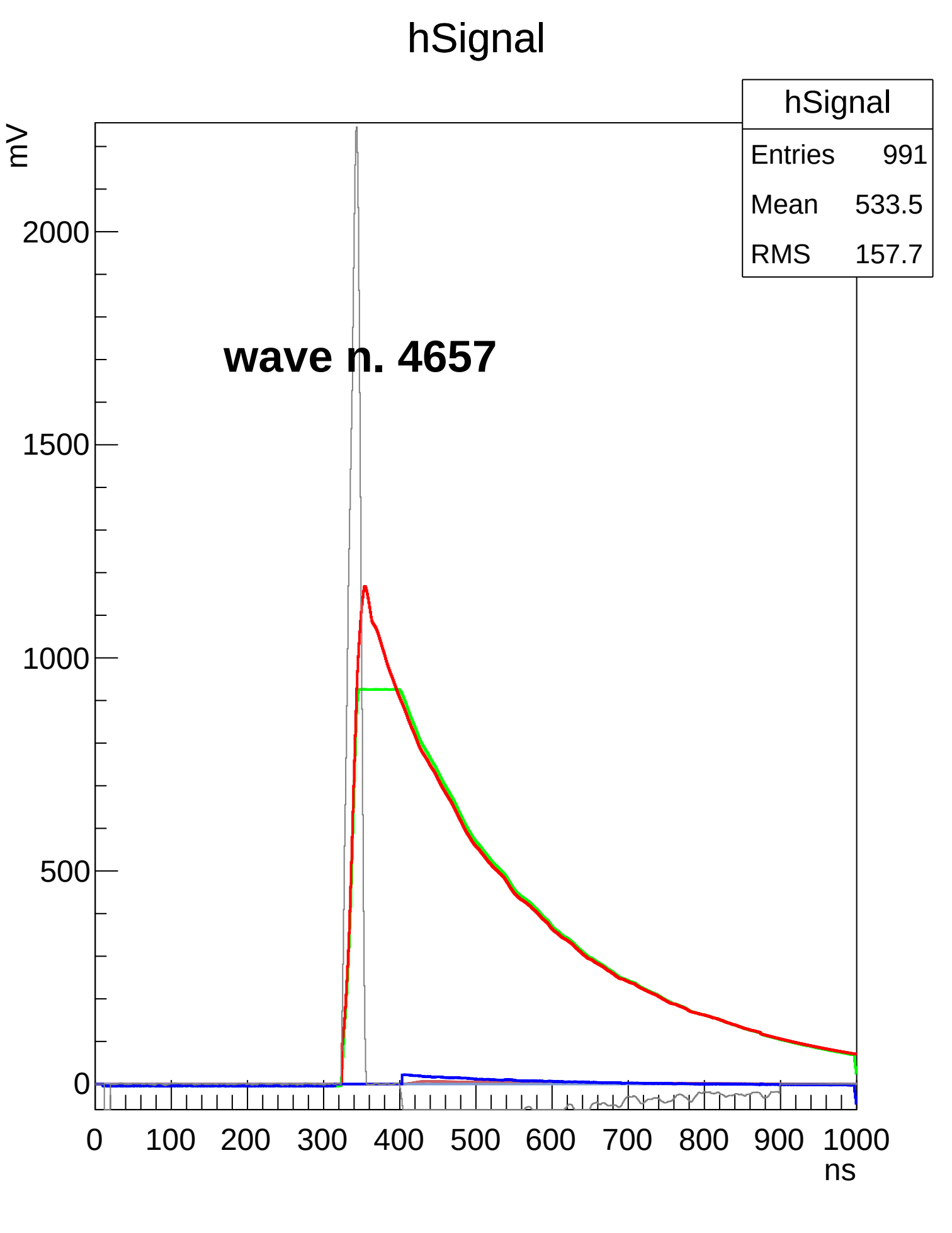
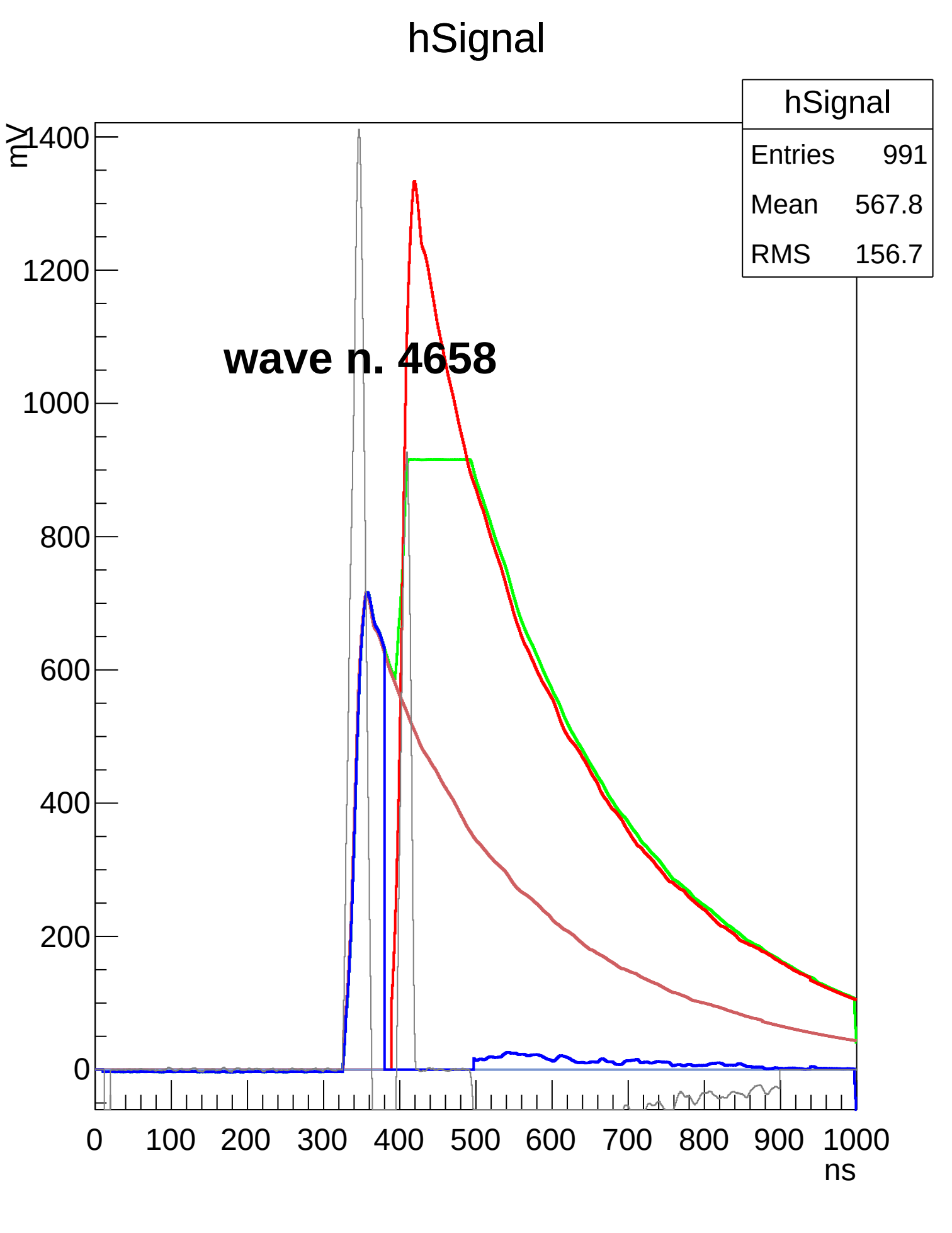
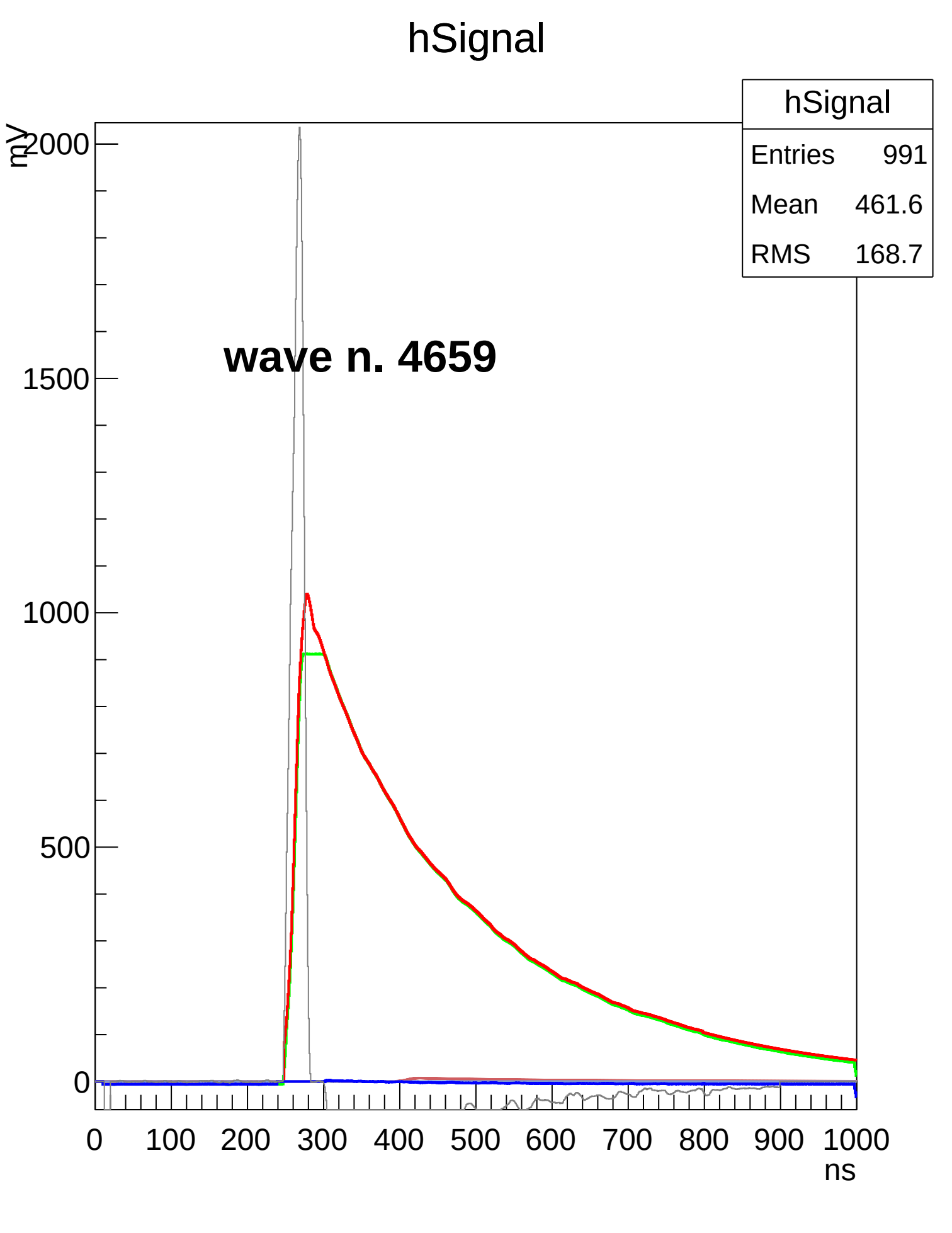
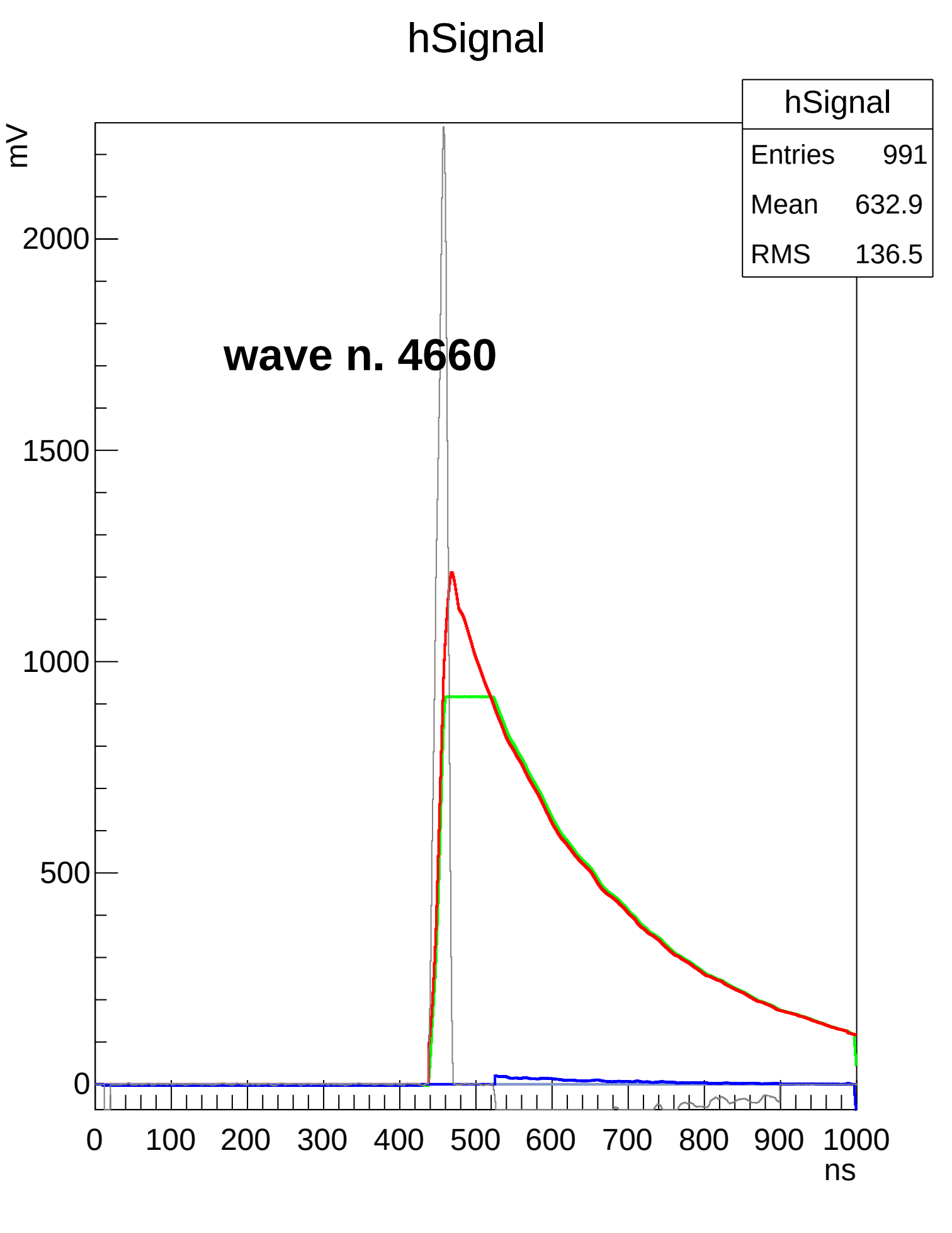
hSignal
Entries 991
Mean 474.6
RMS 166.7
wave n. 4655
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513.9
RMS 186.7
wave n. 4656
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 533.5
RMS 157.7
wave n. 4657
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 567.8
RMS 156.7
wave n. 4658
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 461.6
RMS 168.7
wave n. 4659
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 632.9
RMS 136.5
wave n. 4660
mV
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1500
1000
500
0
0
100
200
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400
500
600
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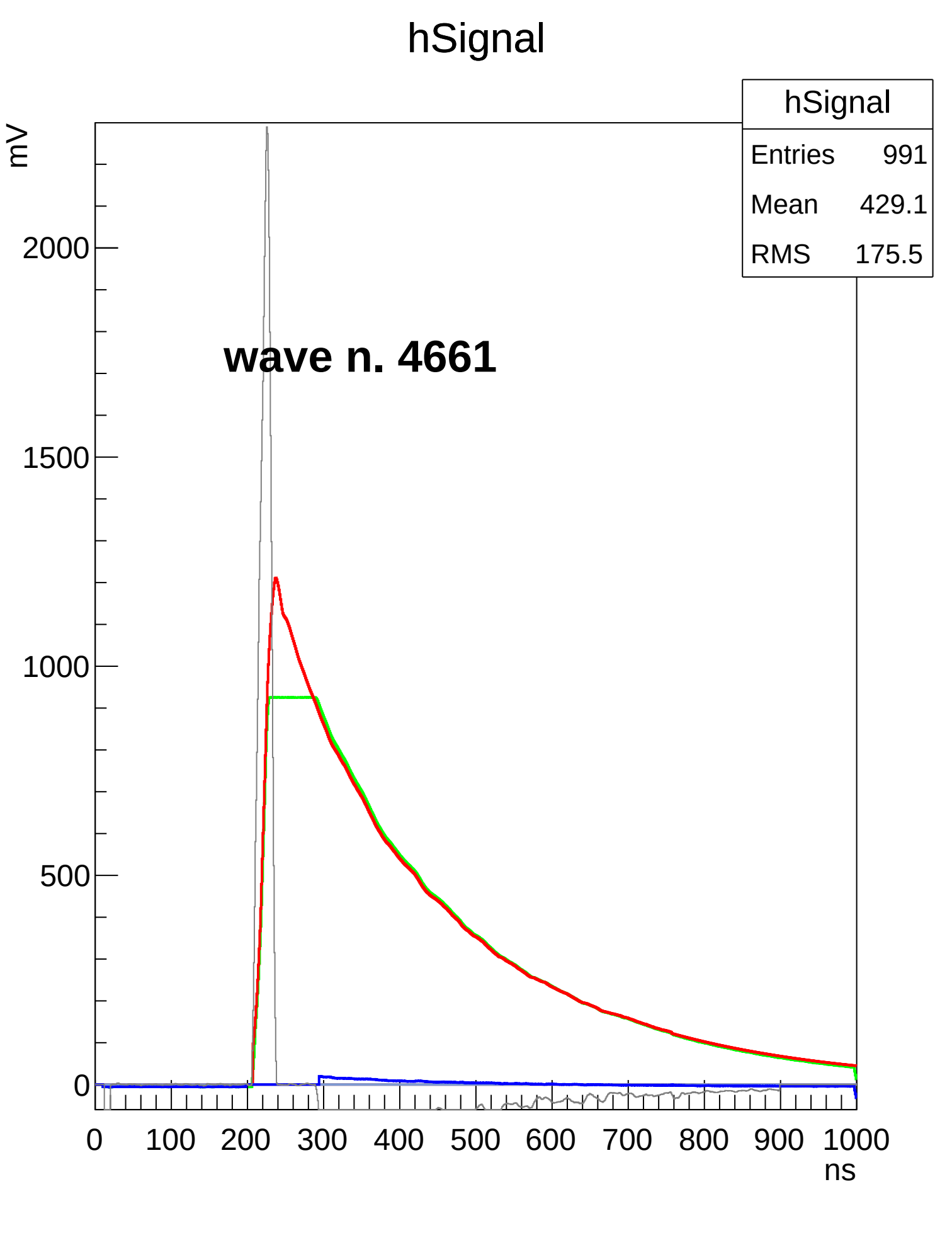
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 429.1
RMS 175.5
wave n. 4661
mV
2000
1500
1000
500
0
0
100
200
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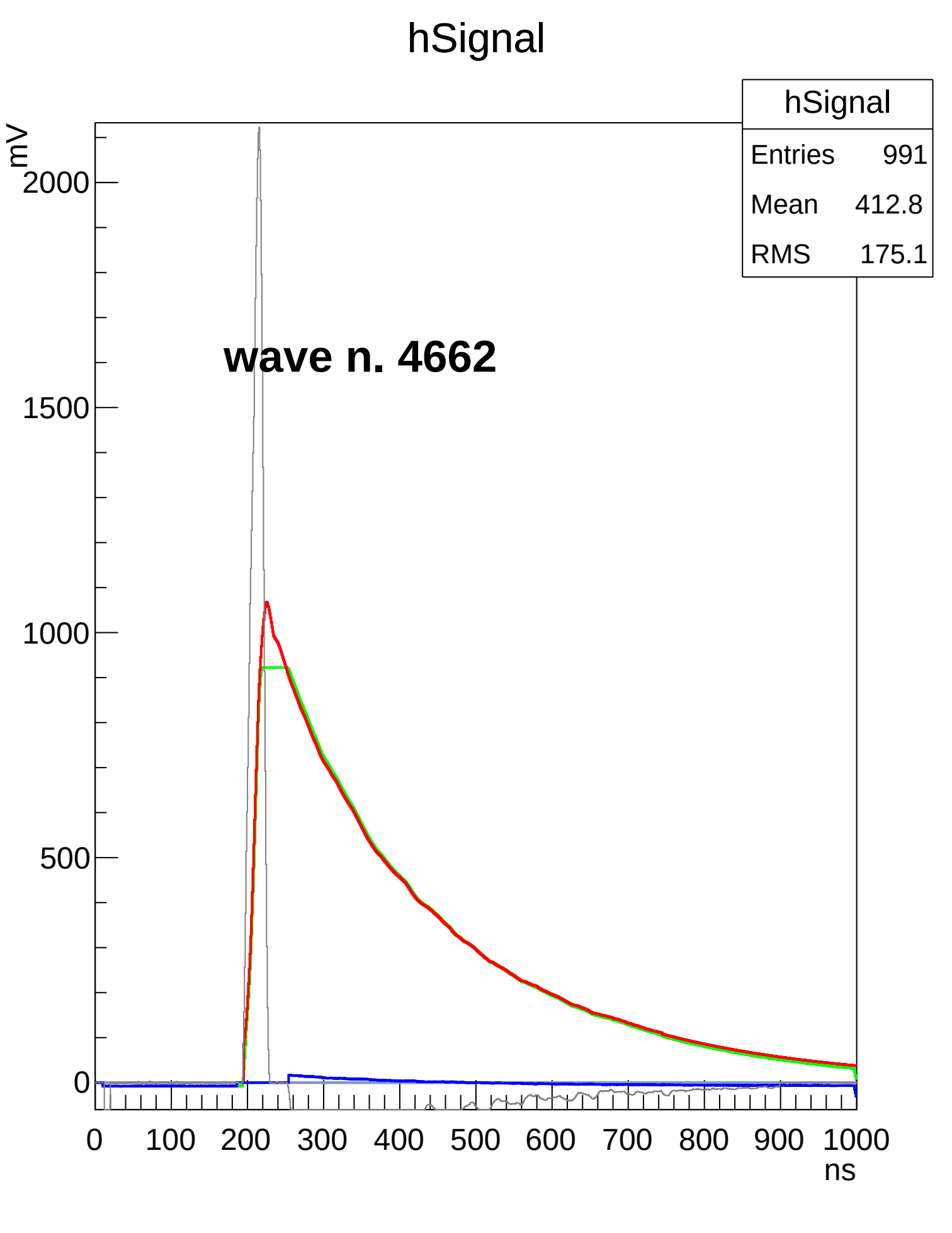
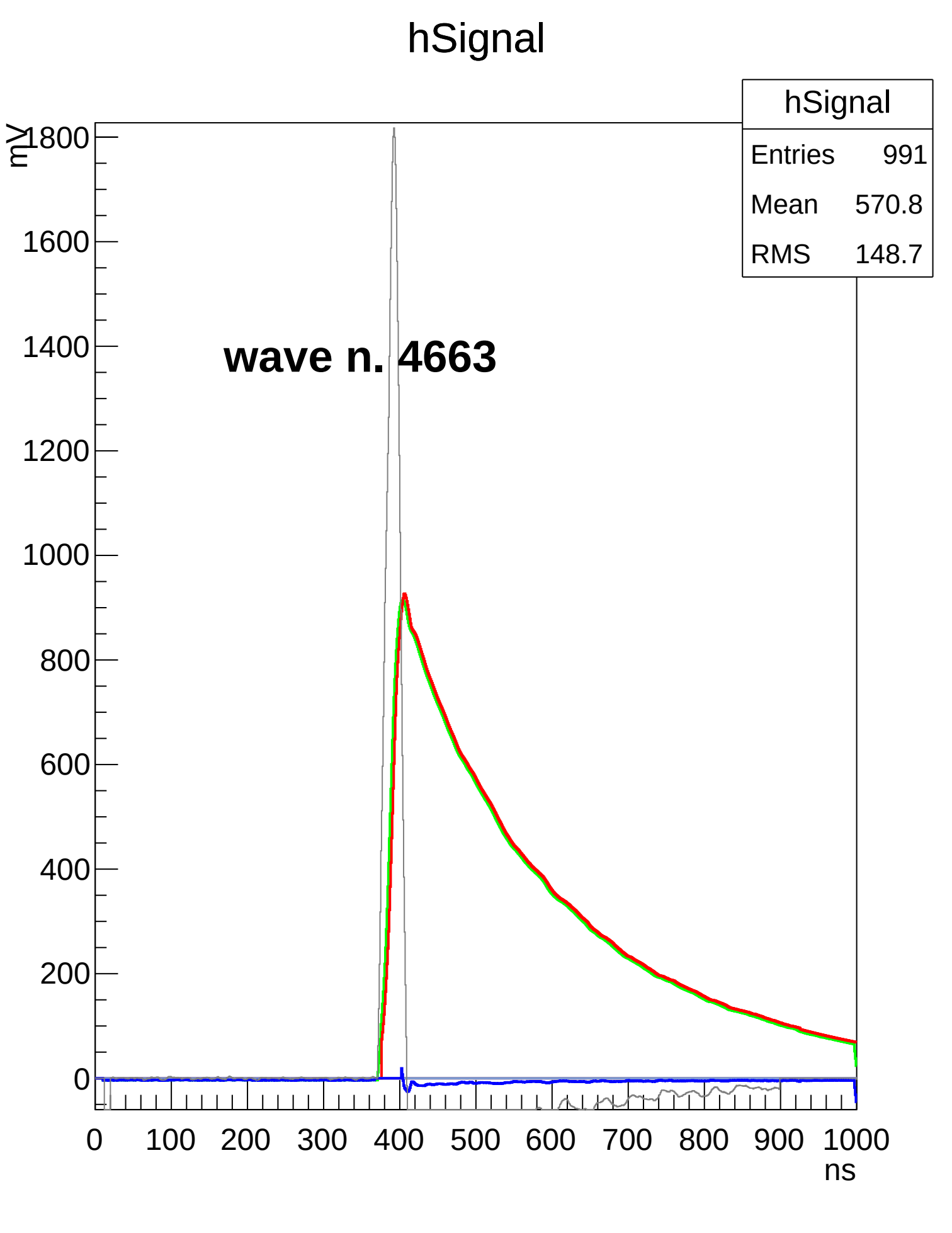
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 412.8
RMS 175.1
wave n. 4662
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.8
RMS 148.7
wave n. 4663
mV
1800
1600
1400
1200
1000
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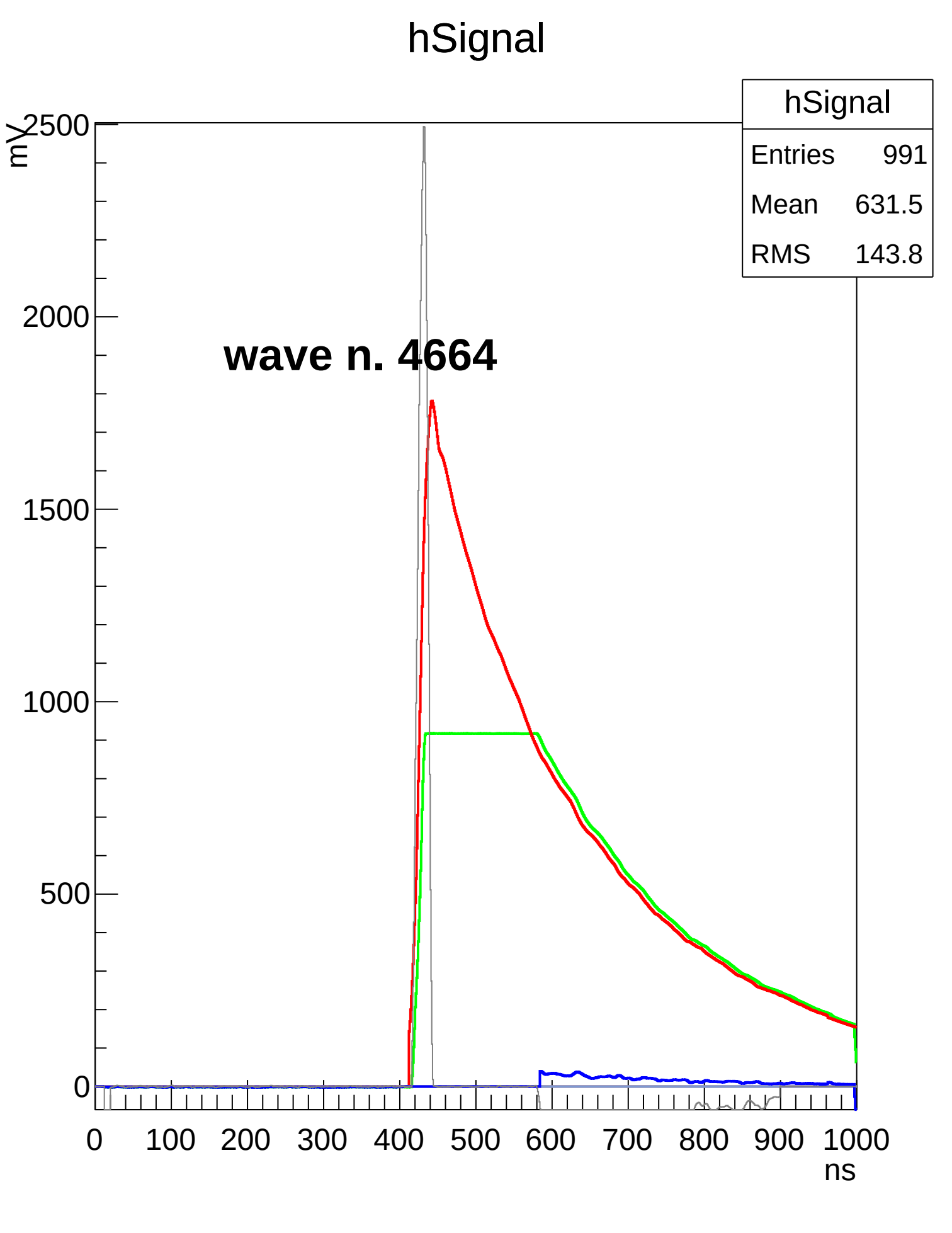
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 631.5
RMS 143.8
wave n. 4664
mV
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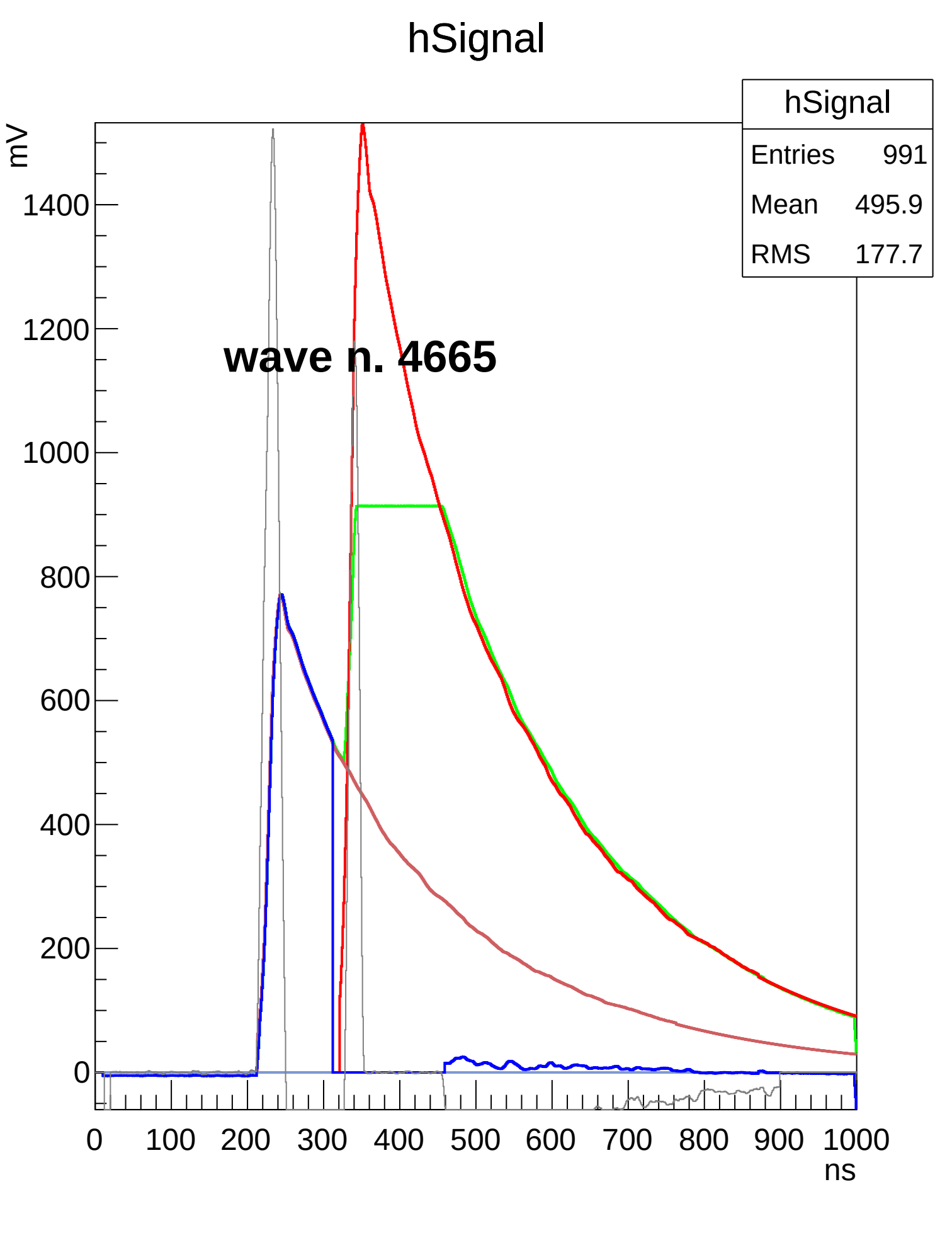
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 495.9
RMS 177.7
wave n. 4665
mV
1400
1200
1000
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600
400
200
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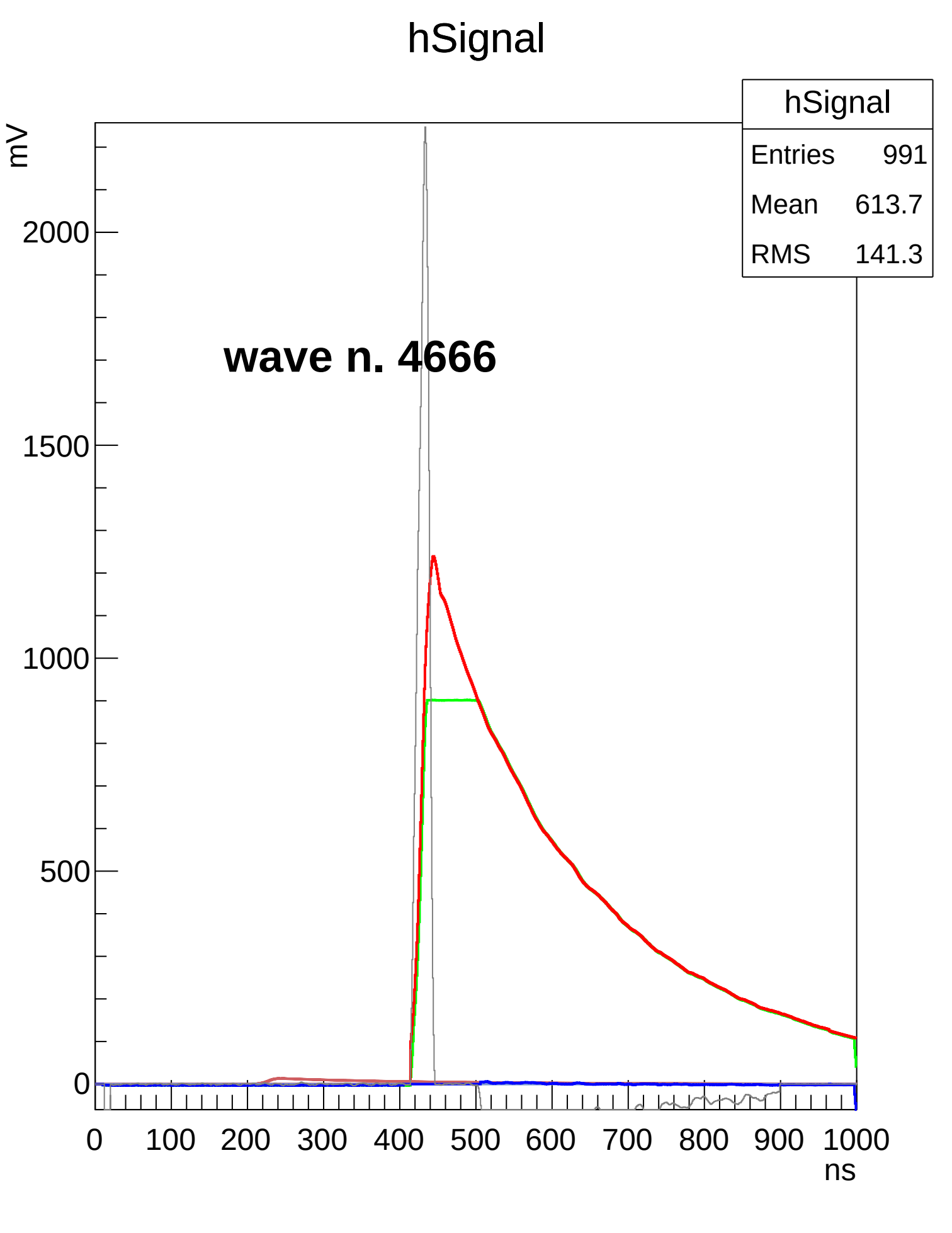
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 613.7
RMS 141.3
wave n. 4666
mV
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1000
500
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0
100
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400
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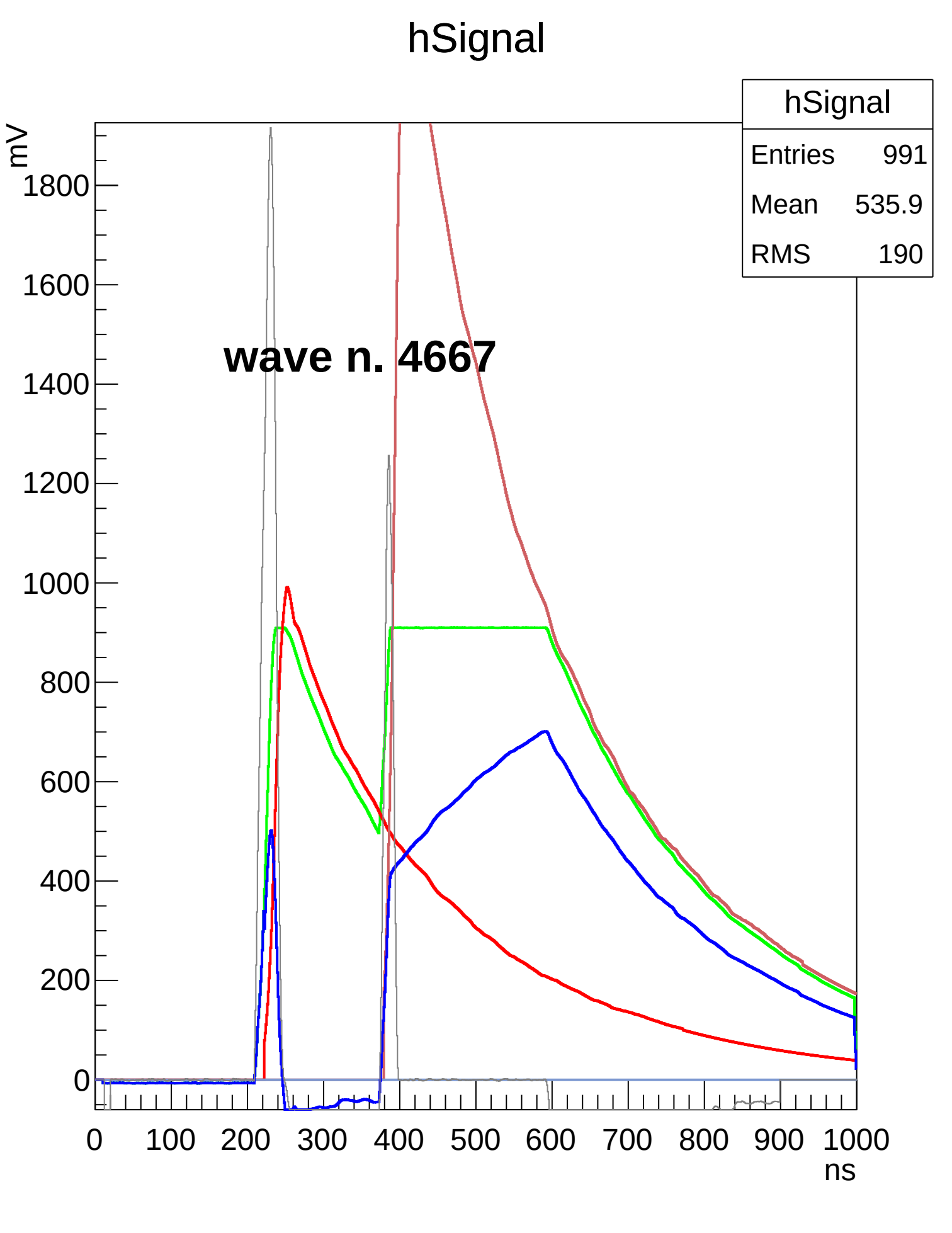
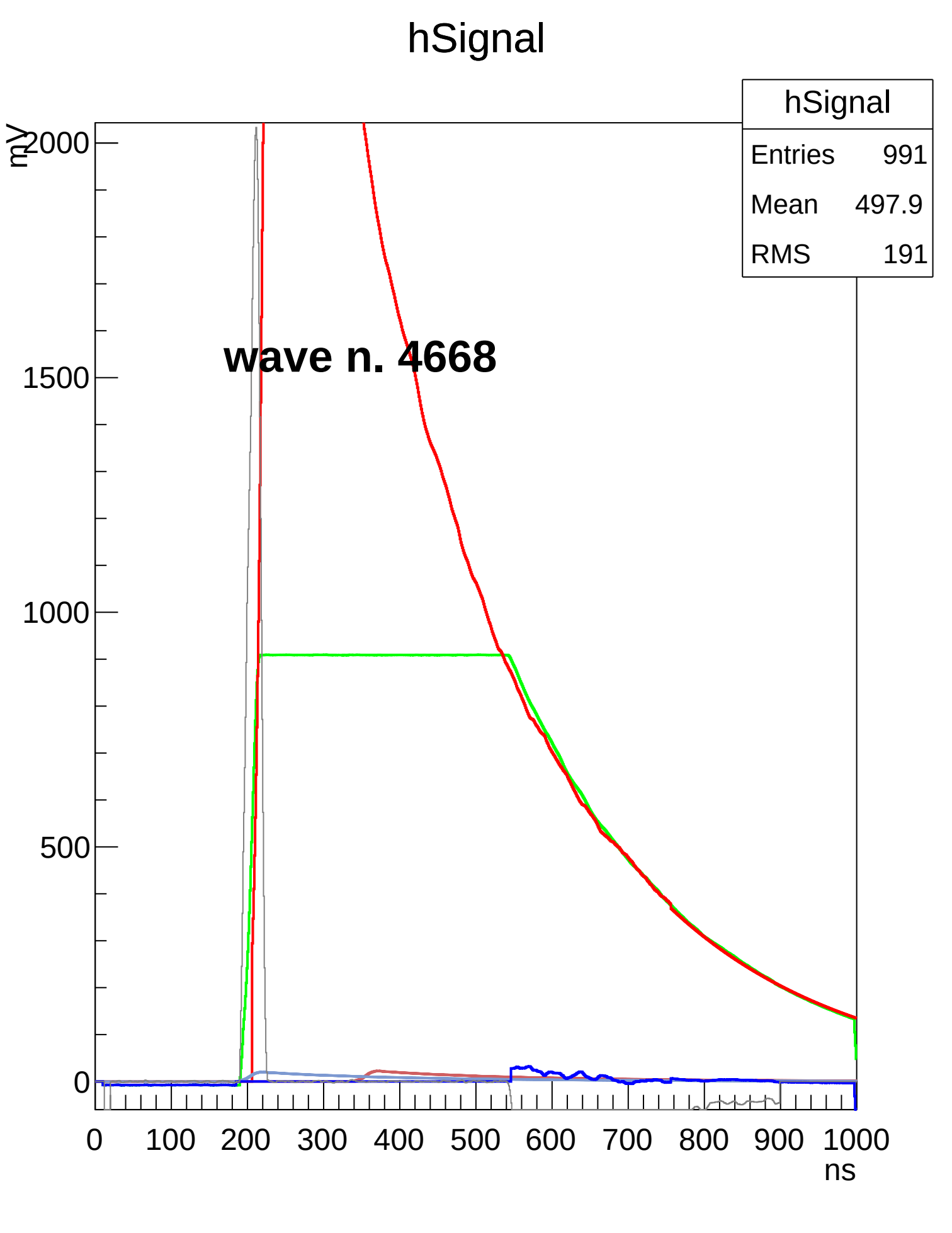
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 535.9
RMS 190
wave n. 4667
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 497.9
RMS 191
wave n. 4668
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500
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0
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400
500
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800
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1000
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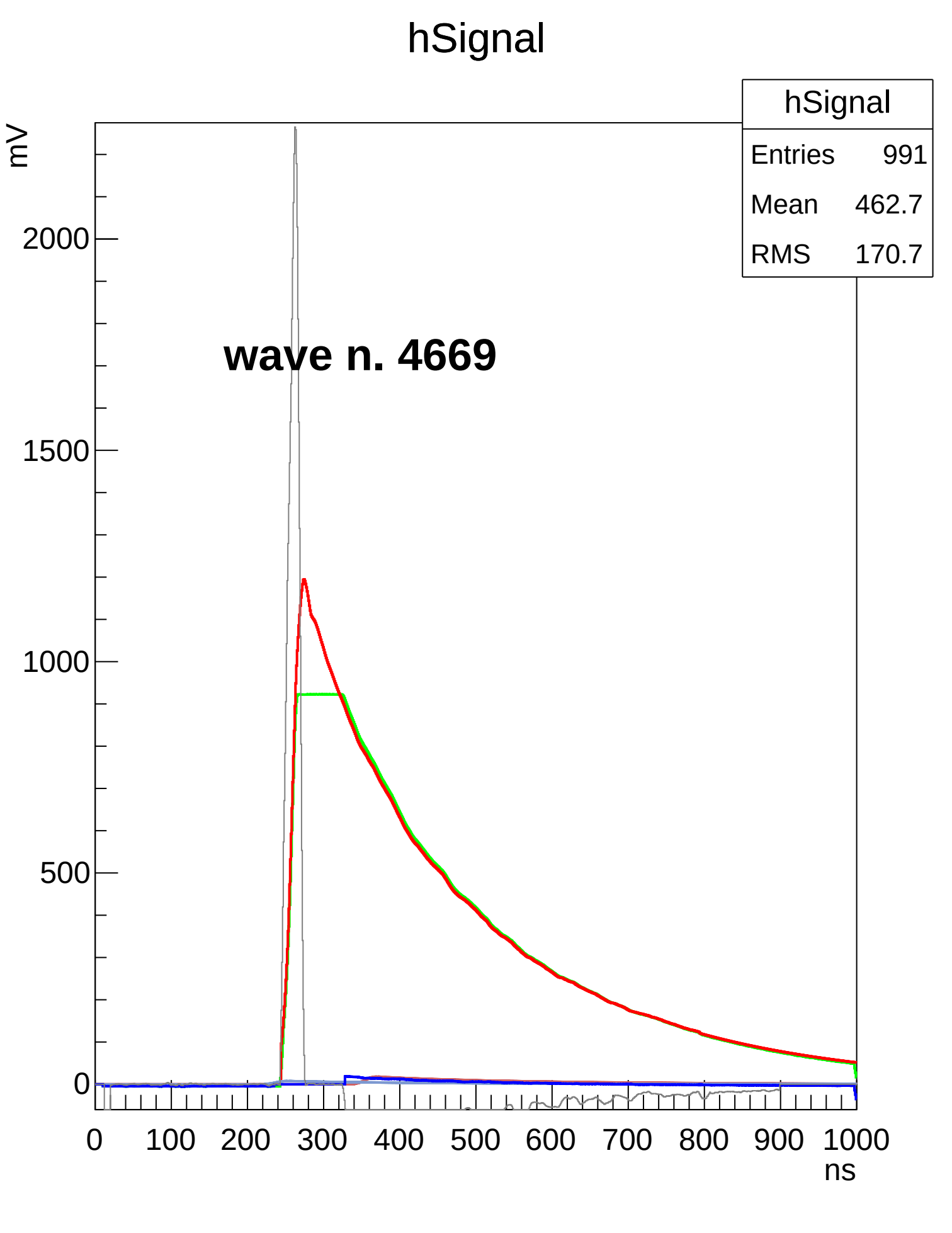
hSignal
hSignal
Entries 991
Mean 462.7
RMS 170.7
wave n. 4669
mV
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0
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400
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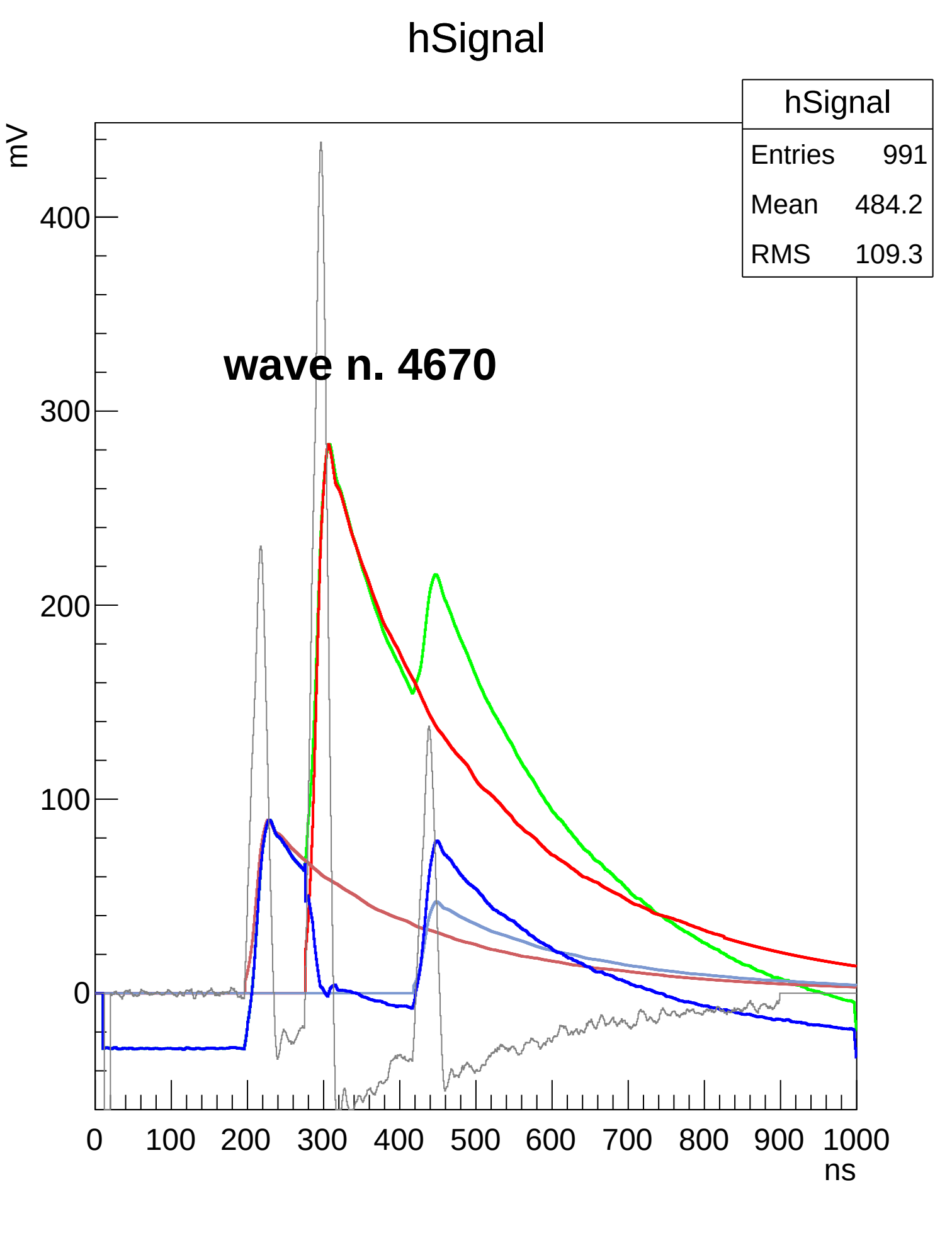
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Entries 991
Mean 484.2
RMS 109.3
wave n. 4670
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200
100
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0
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400
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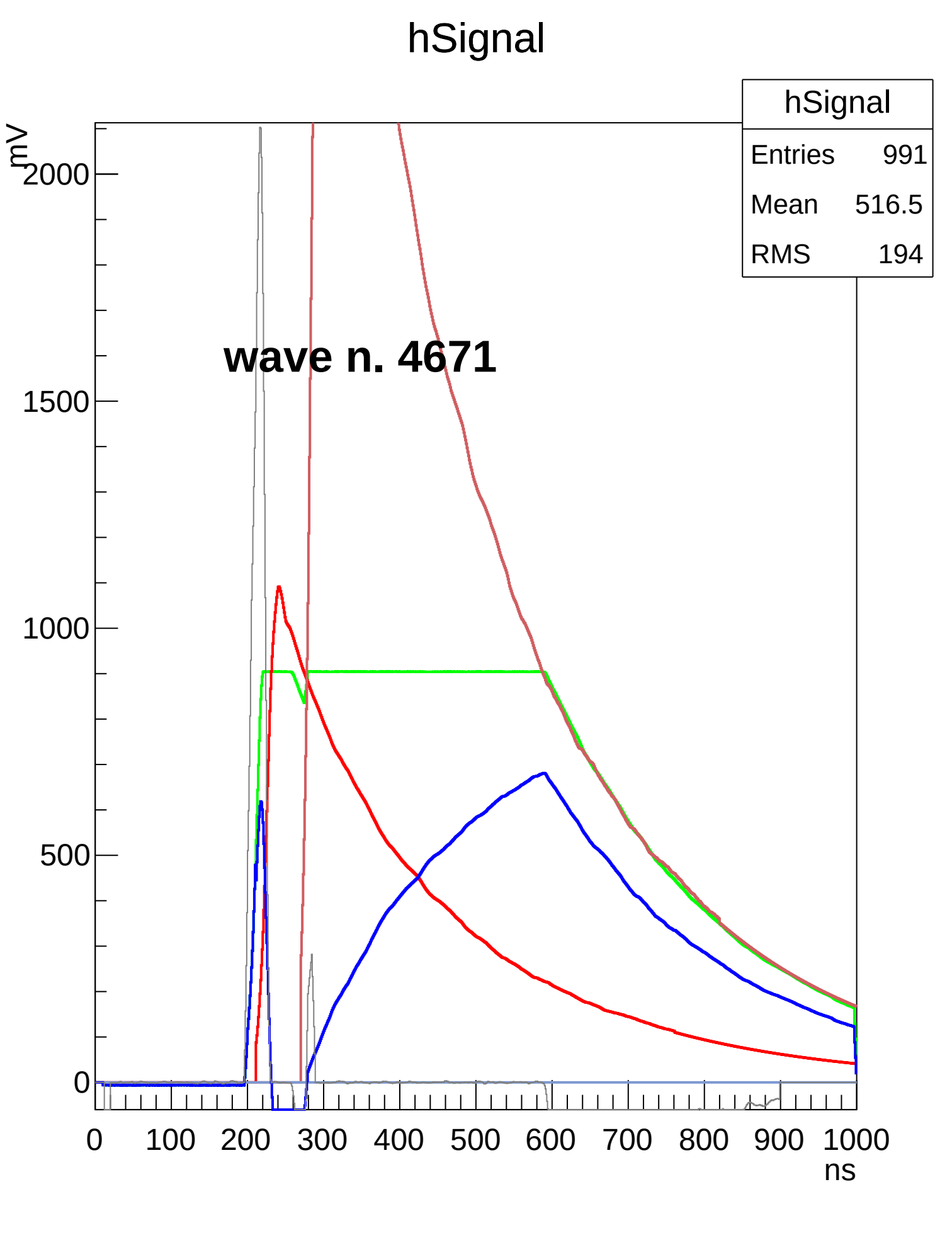
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 516.5
RMS 194
wave n. 4671
mV
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500
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0
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400
500
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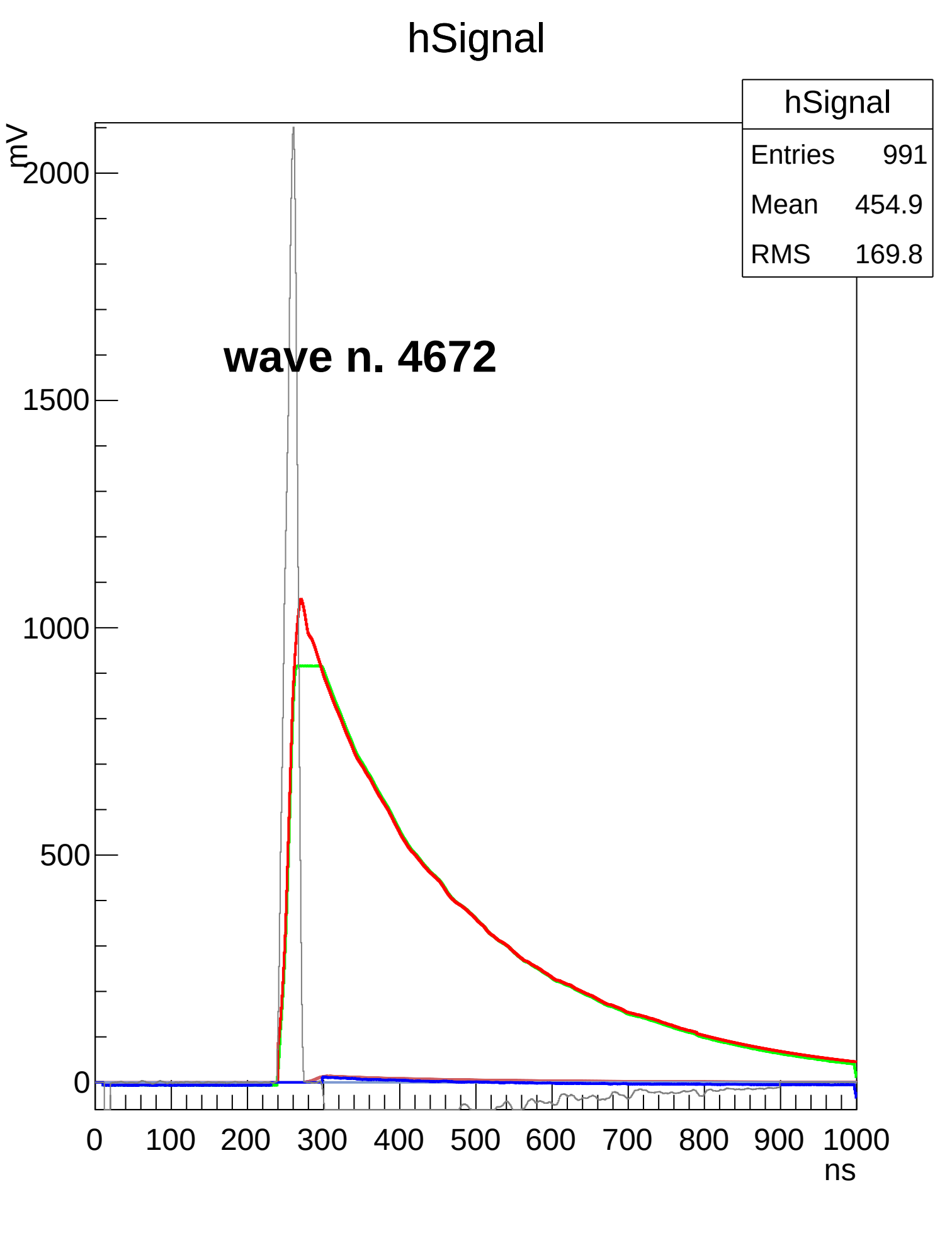
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 454.9
RMS 169.8
wave n. 4672
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1500
1000
500
0
0
100
200
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400
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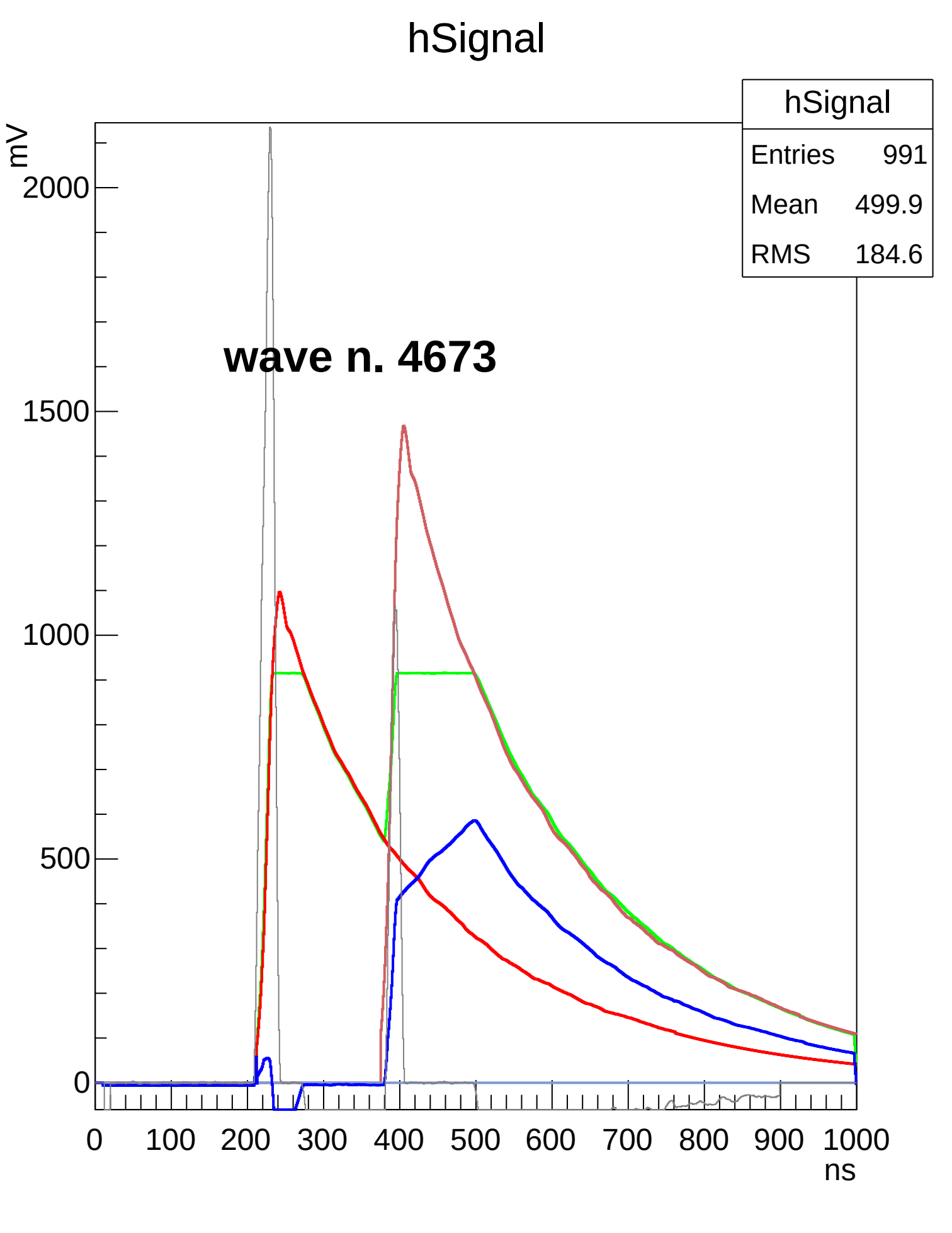
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.9
RMS 184.6
wave n. 4673
mV
2000
1500
1000
500
0
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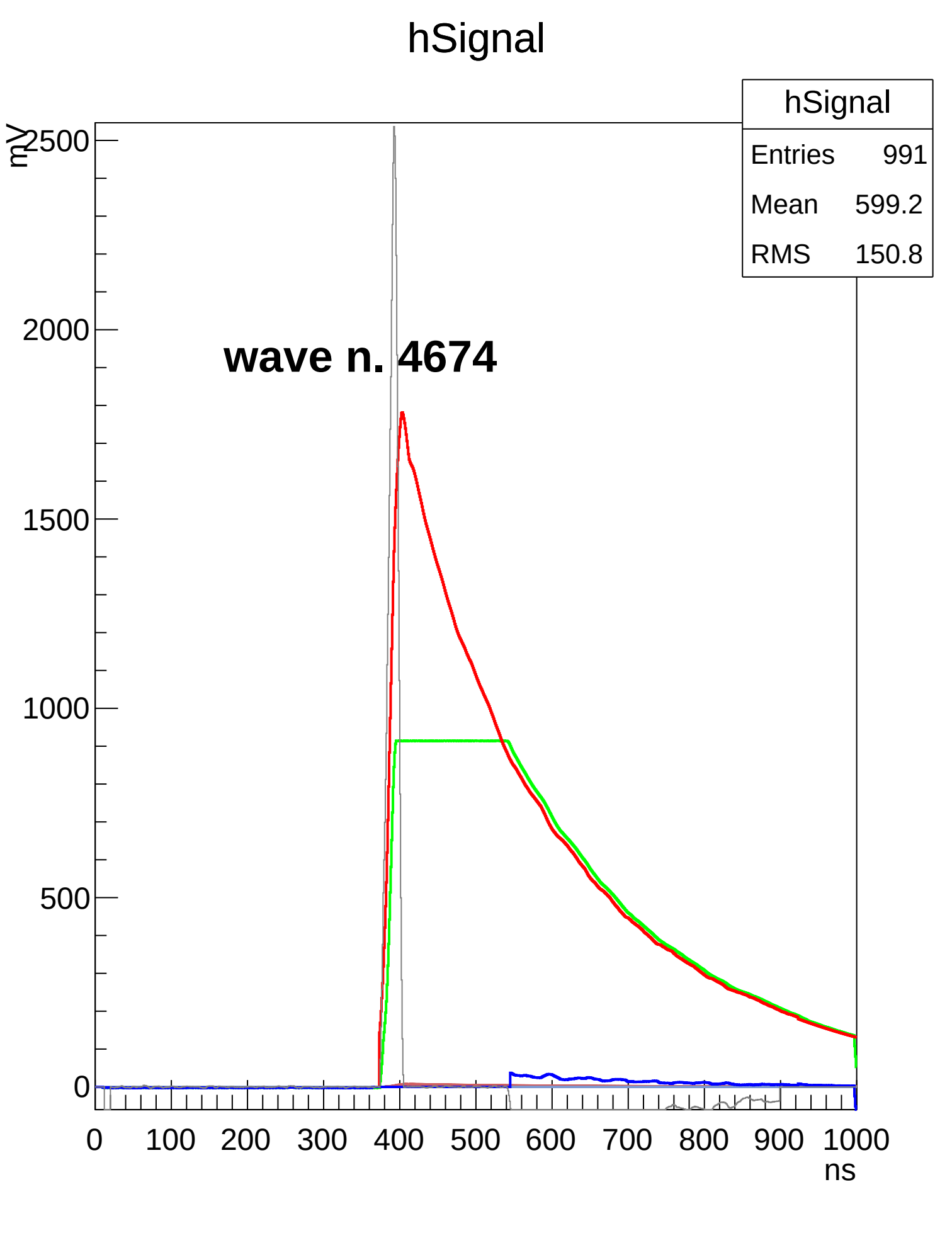
ns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Entries 991
Mean 599.2
RMS 150.8
wave n. 4674
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1500
1000
500
0
0
100
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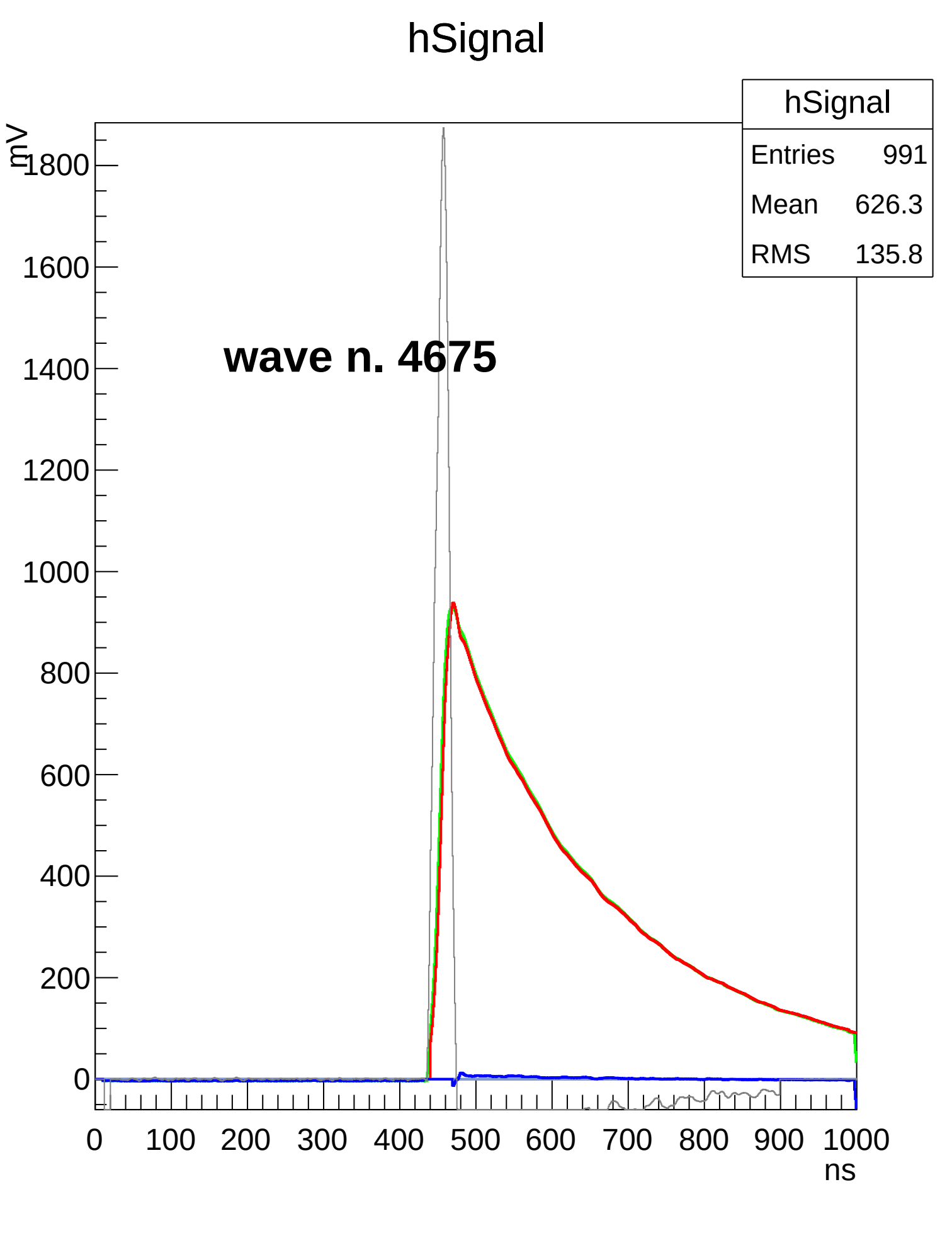
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 626.3
RMS 135.8
wave n. 4675
mV
1800
1600
1400
1200
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600
400
200
0
0
100
200
300
400
500
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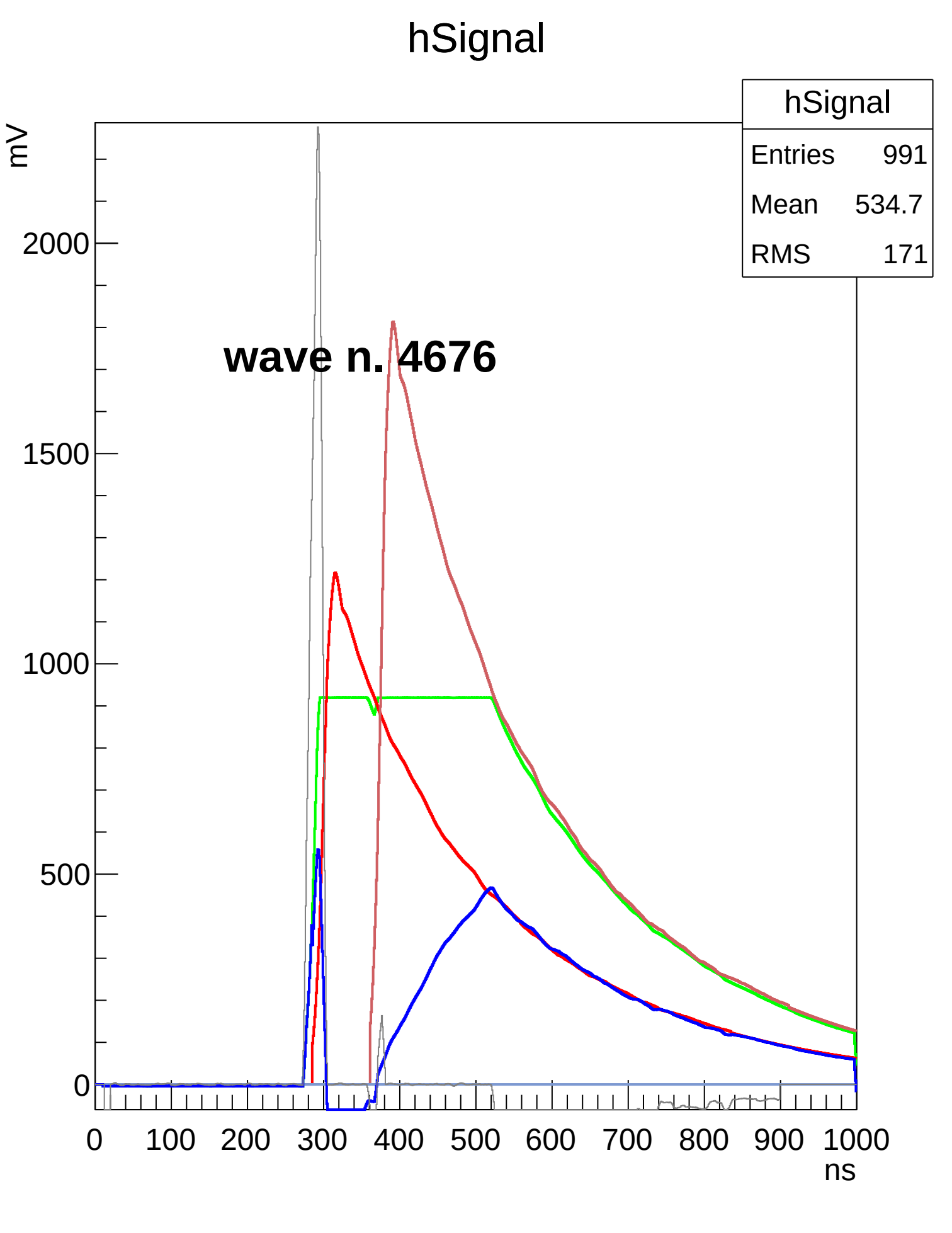
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.7
RMS 171
wave n. 4676
mV
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1500
1000
500
0
0
100
200
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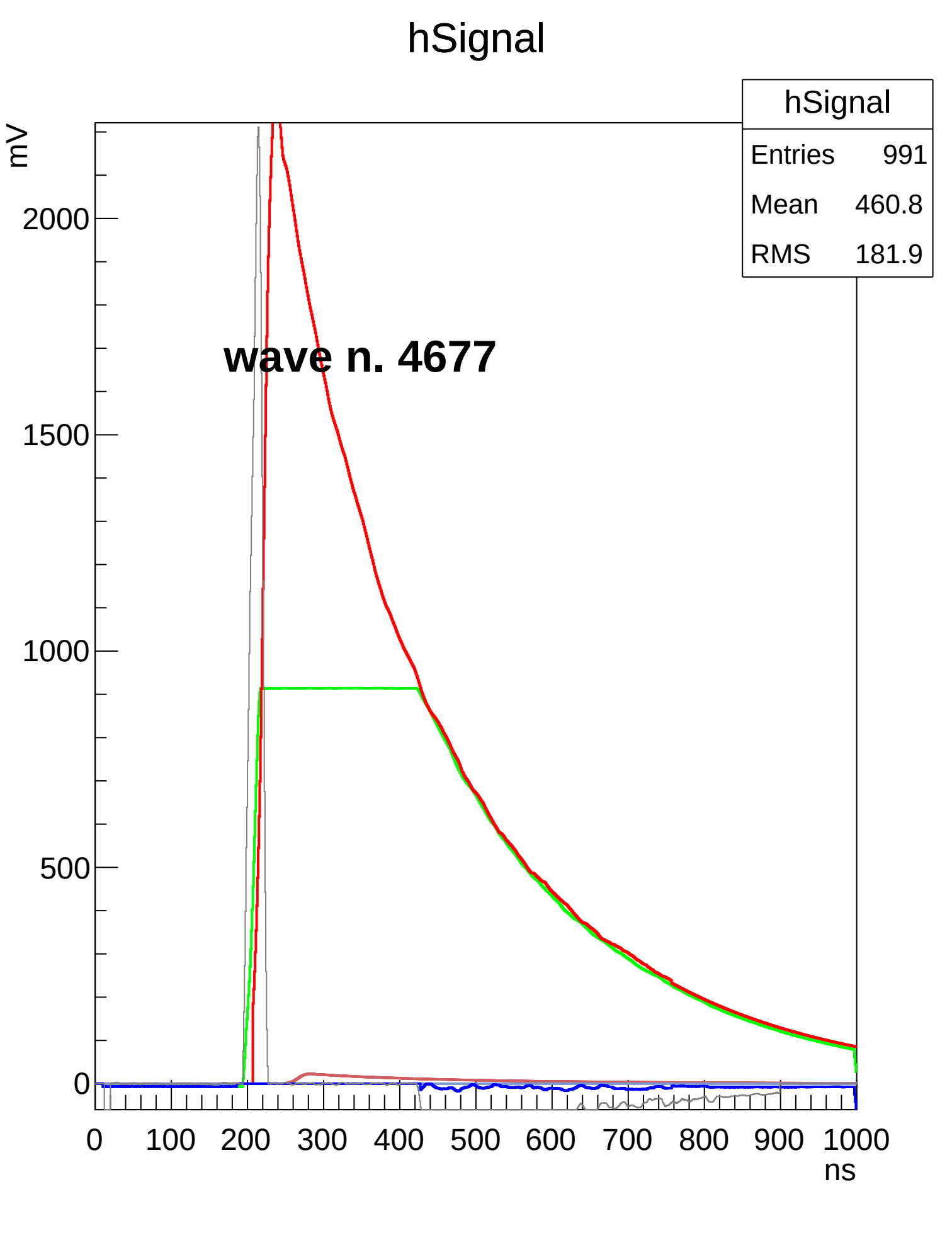
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 460.8
RMS 181.9
wave n. 4677
mV
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1500
1000
500
0
0
100
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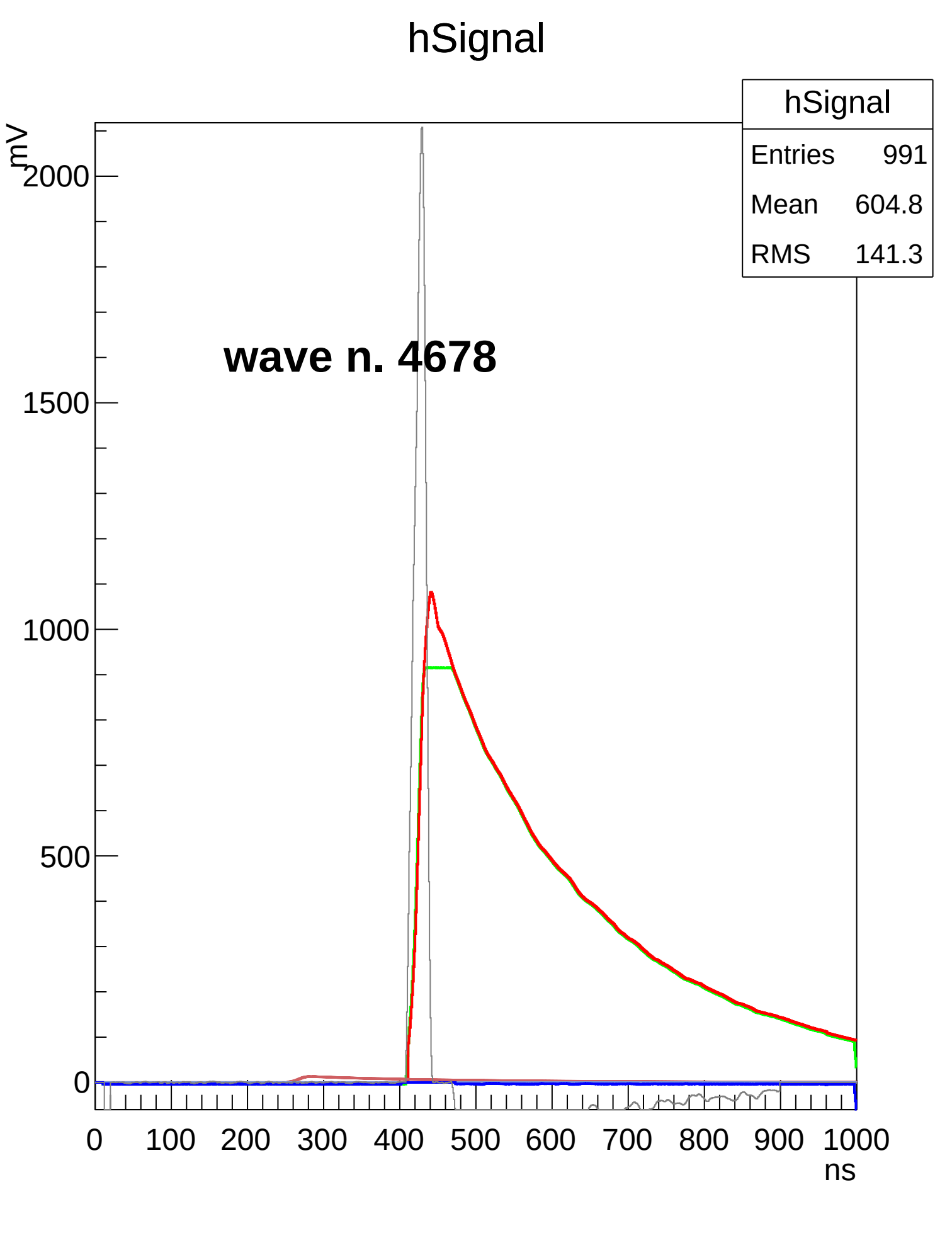
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 604.8
RMS 141.3
wave n. 4678
mV
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1500
1000
500
0
0
100
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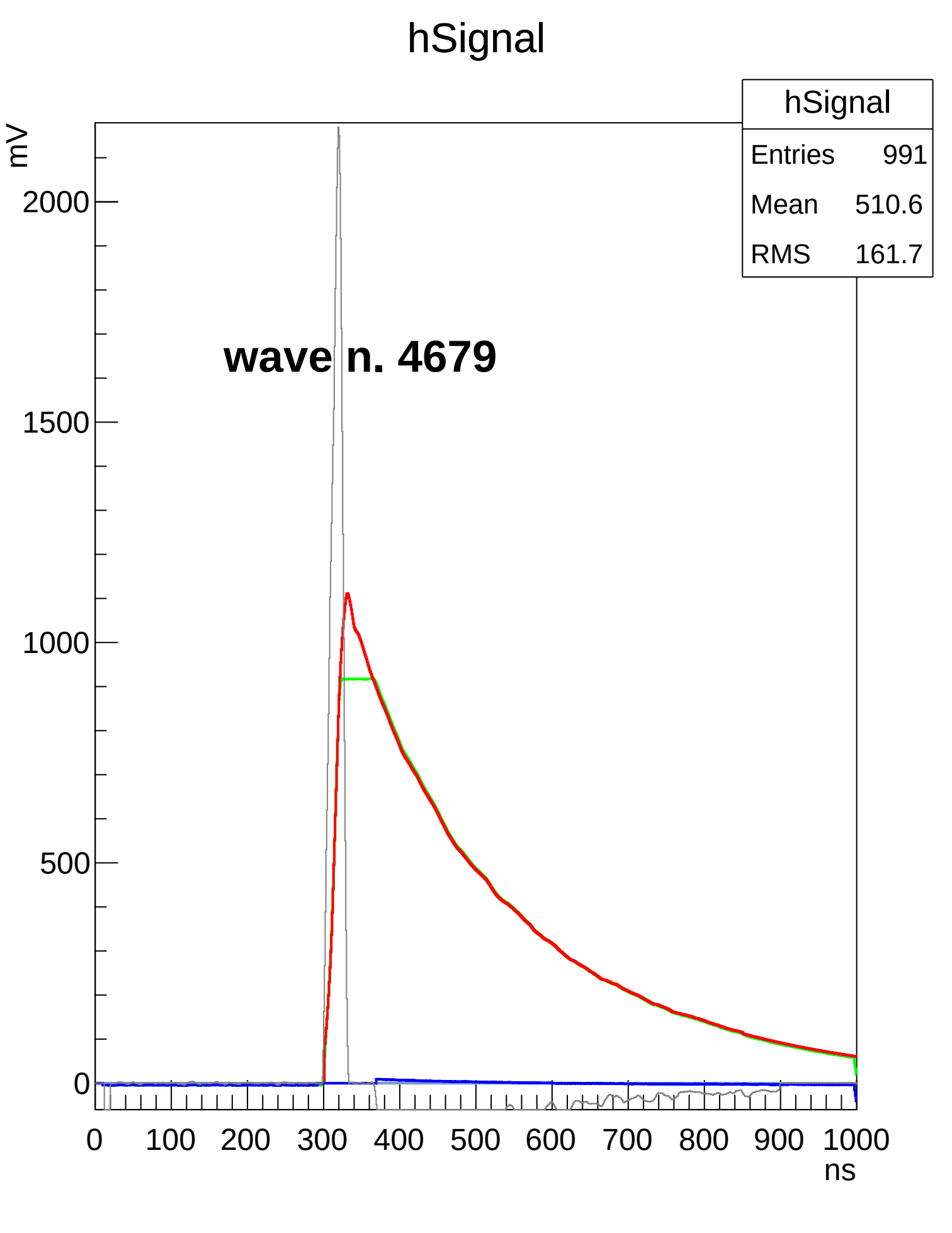
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.6
RMS 161.7
wave n. 4679
mV
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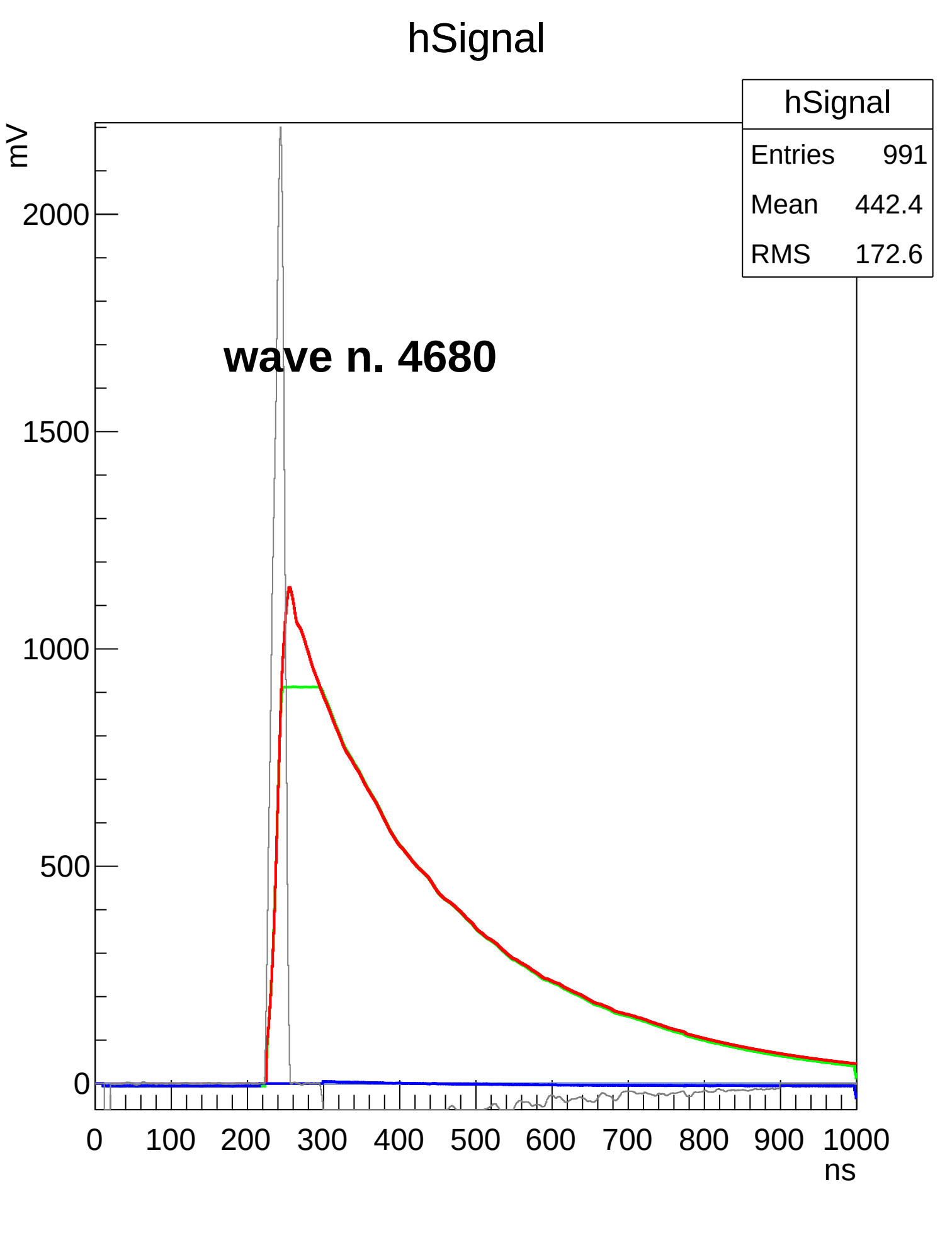
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 442.4
RMS 172.6
wave n. 4680
mV
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1500
1000
500
0
0
100
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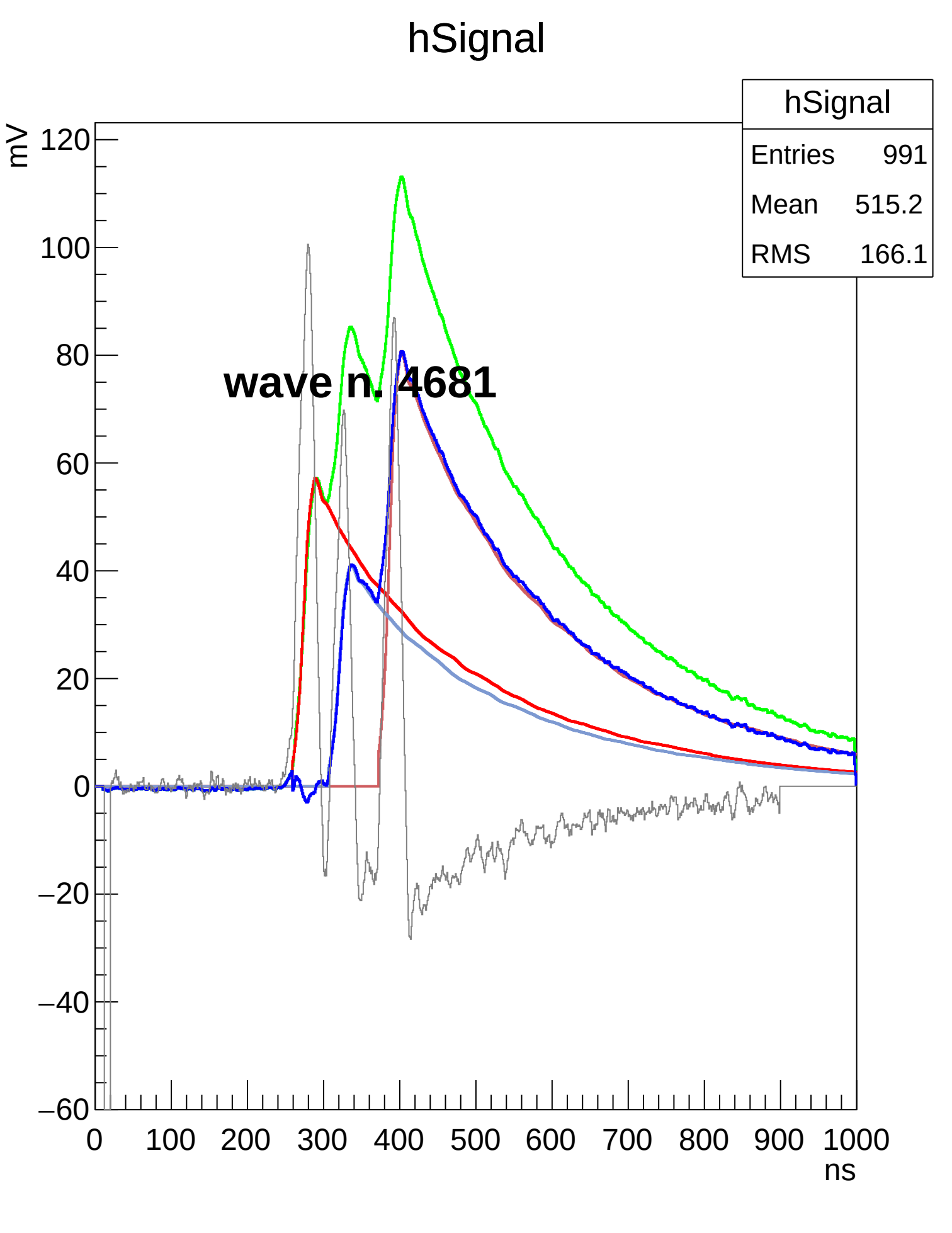
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.2
RMS 166.1
wave n. 4681
mV
120
100
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60
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−40
−60
0
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400
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1000
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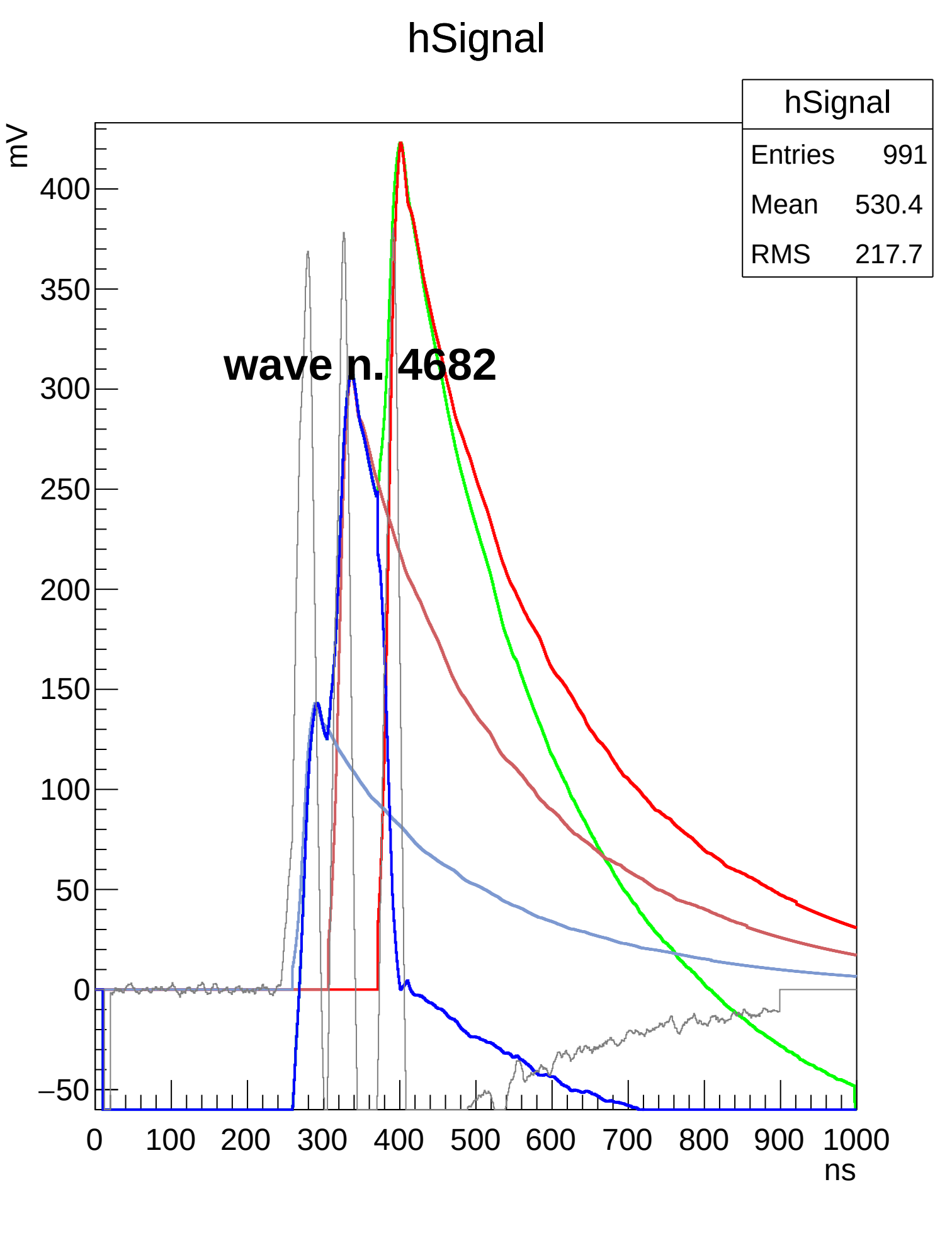
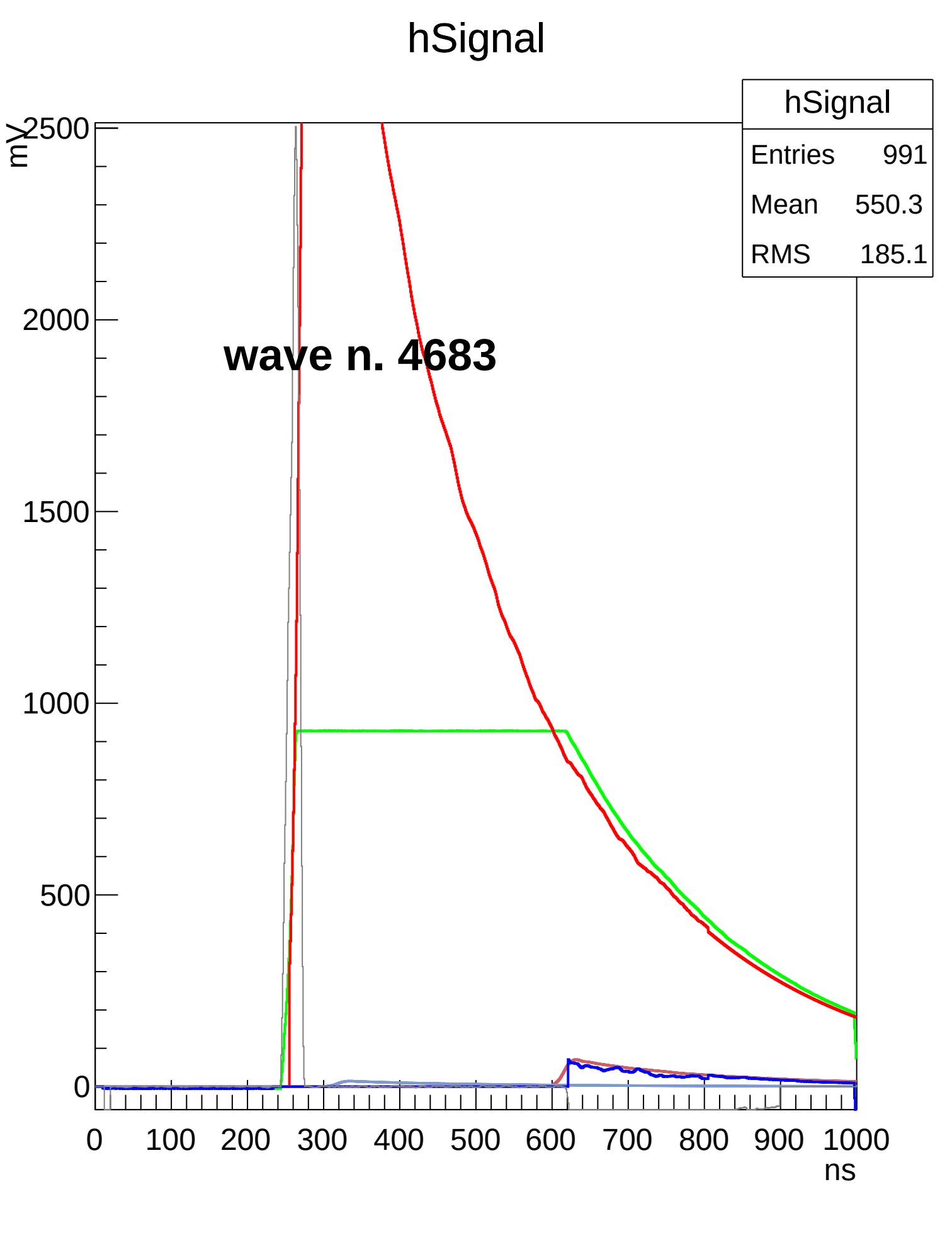
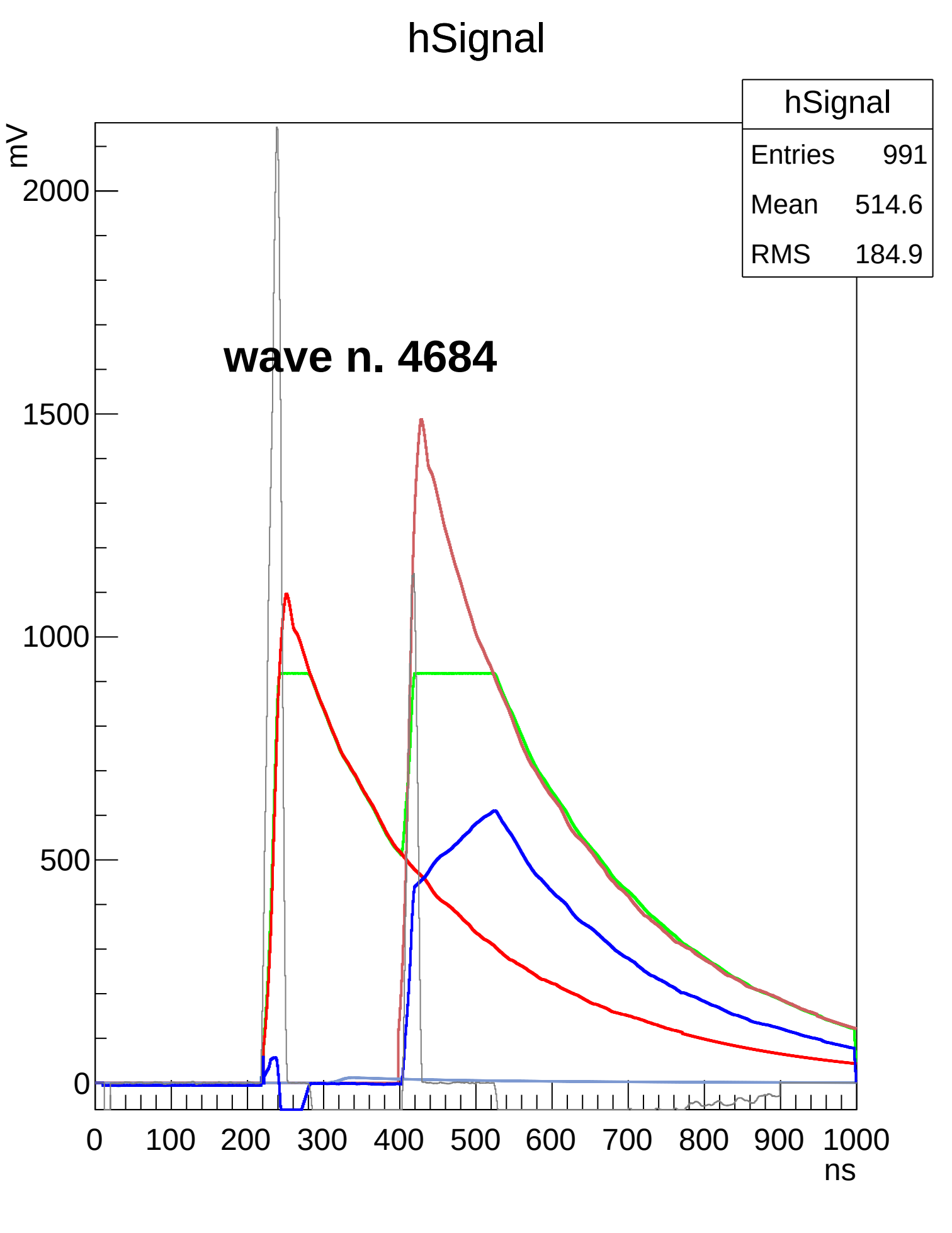
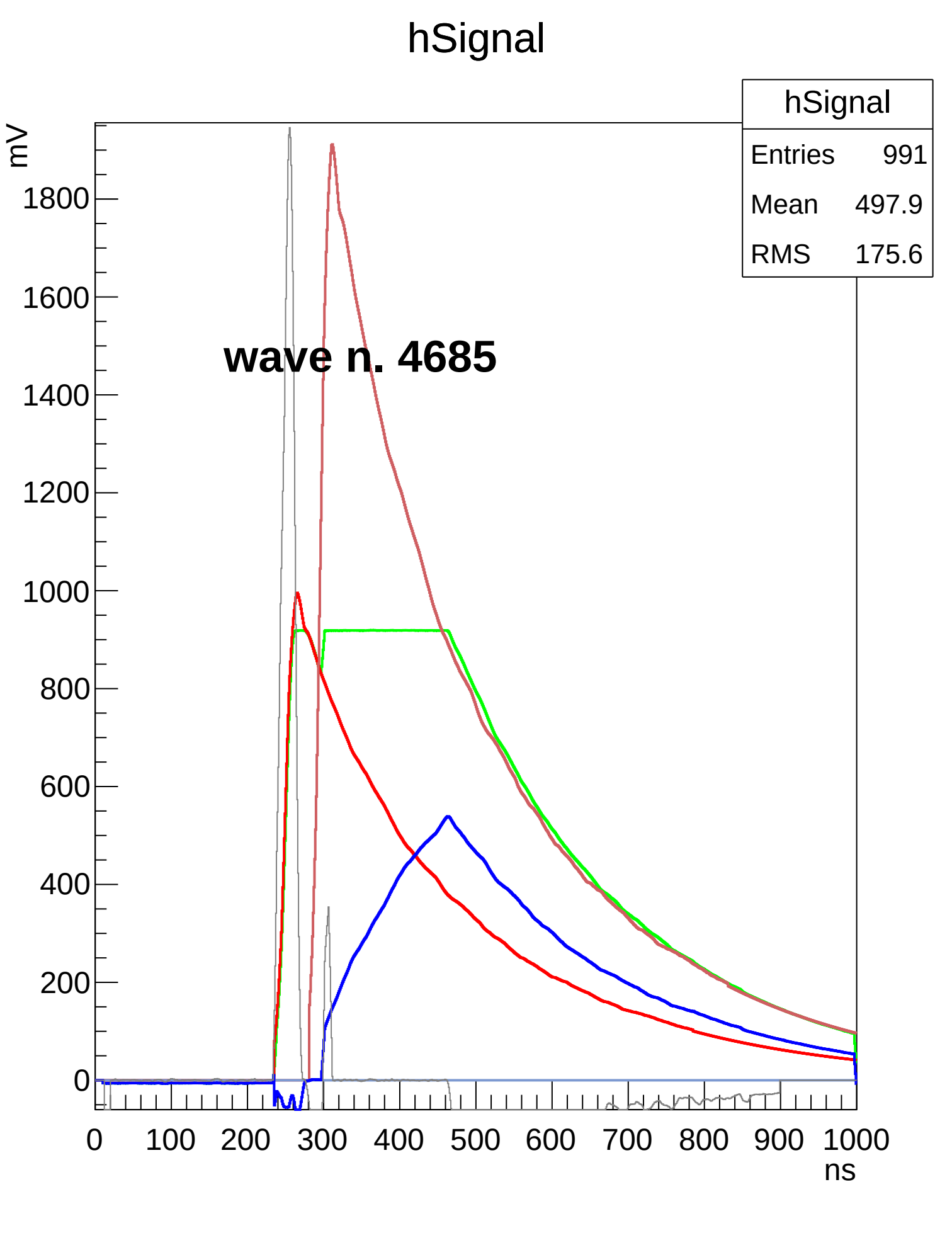
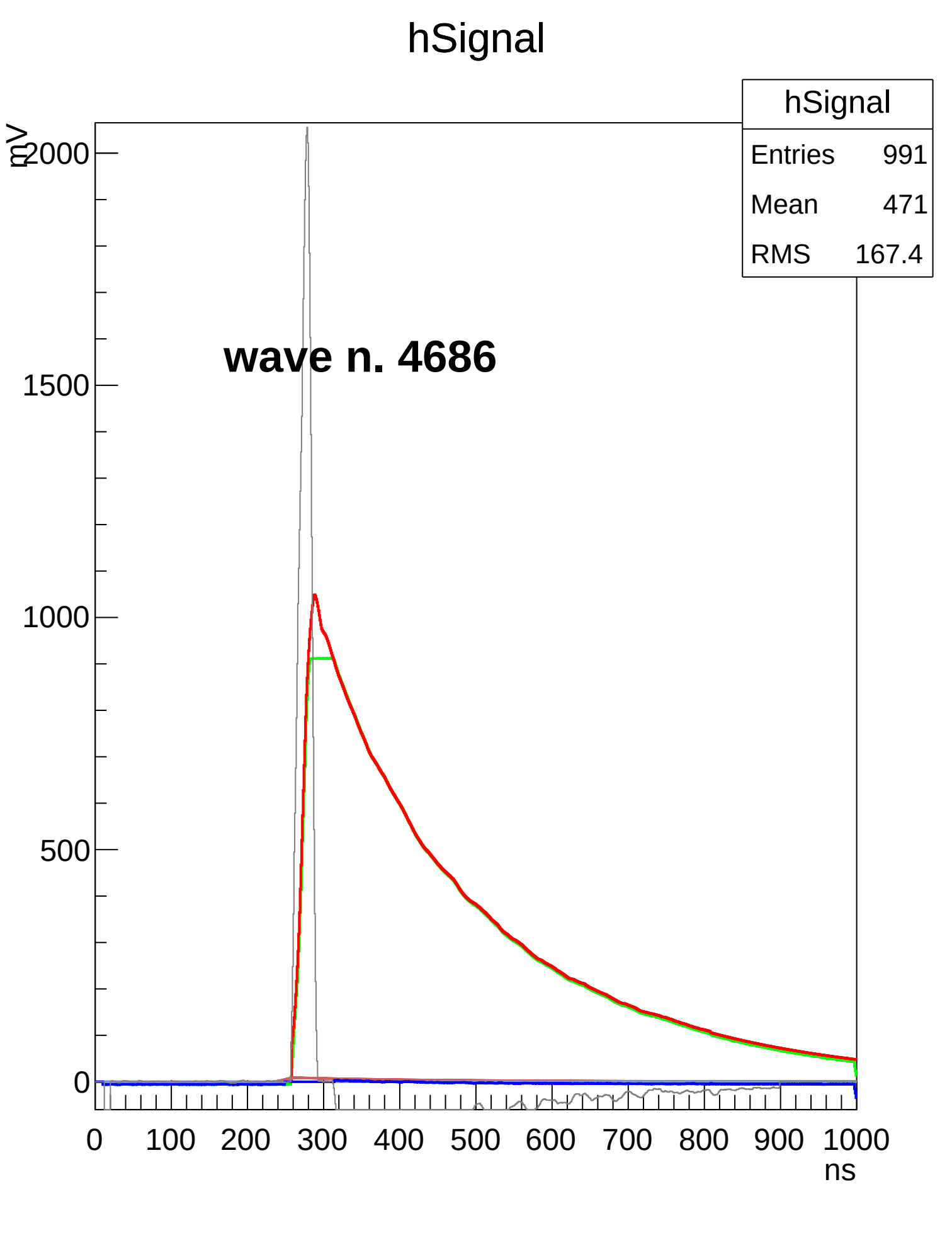
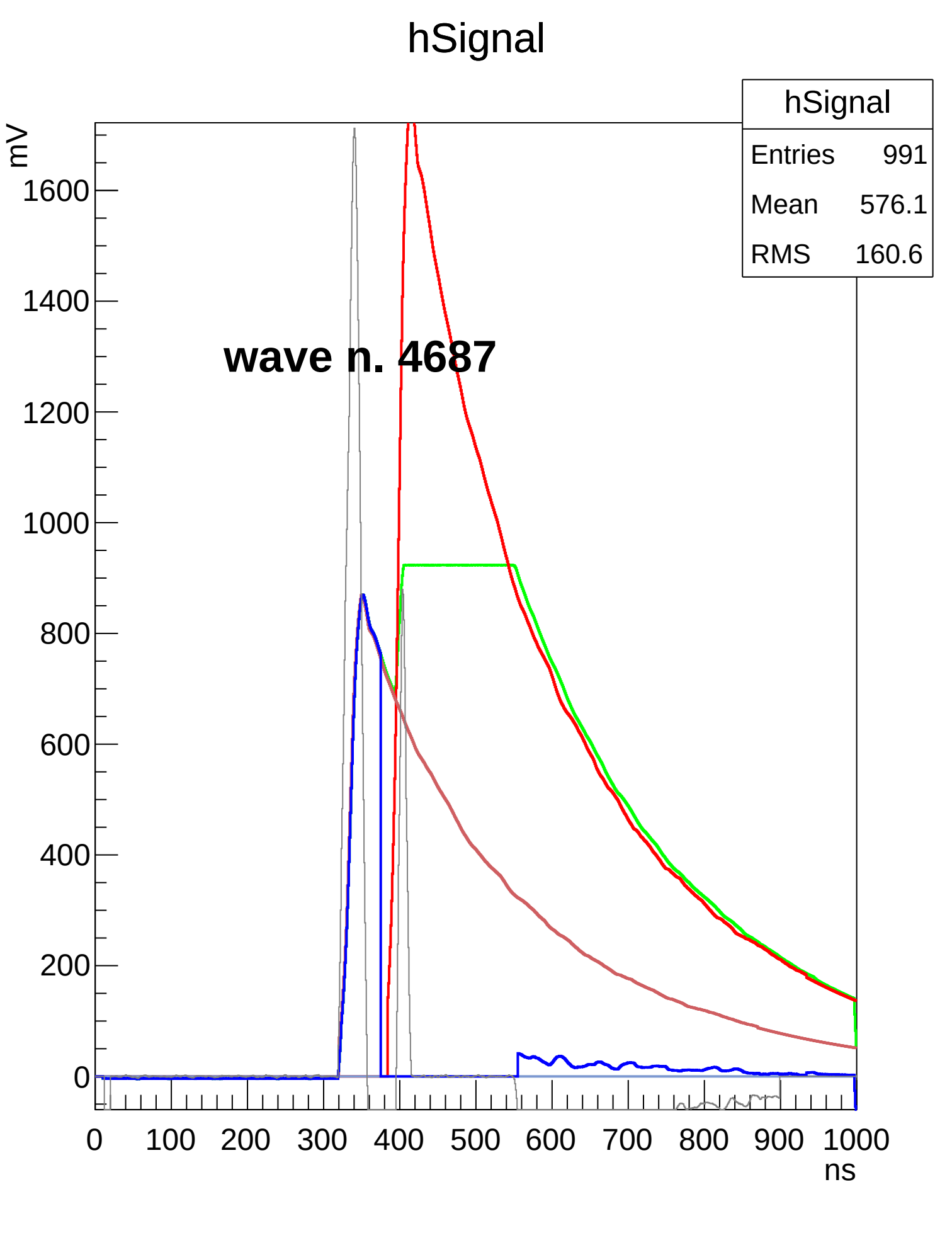

hSignal
hSignal
Entries 991
Mean 530.4
RMS 217.7
wave n. 4682
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

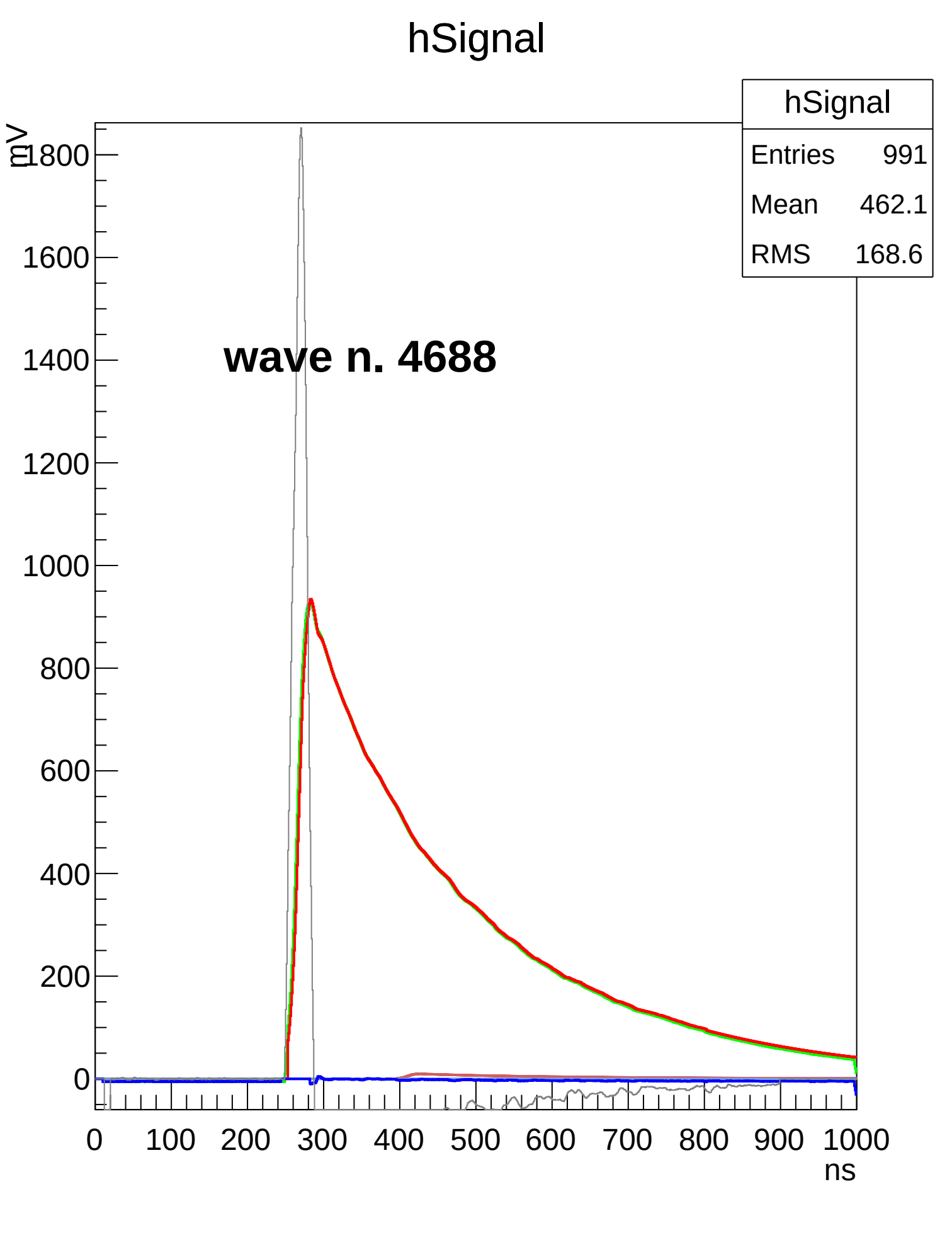

hSignal
hSignal
Entries 991
Mean 550.3
RMS 185.1
wave n. 4683
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

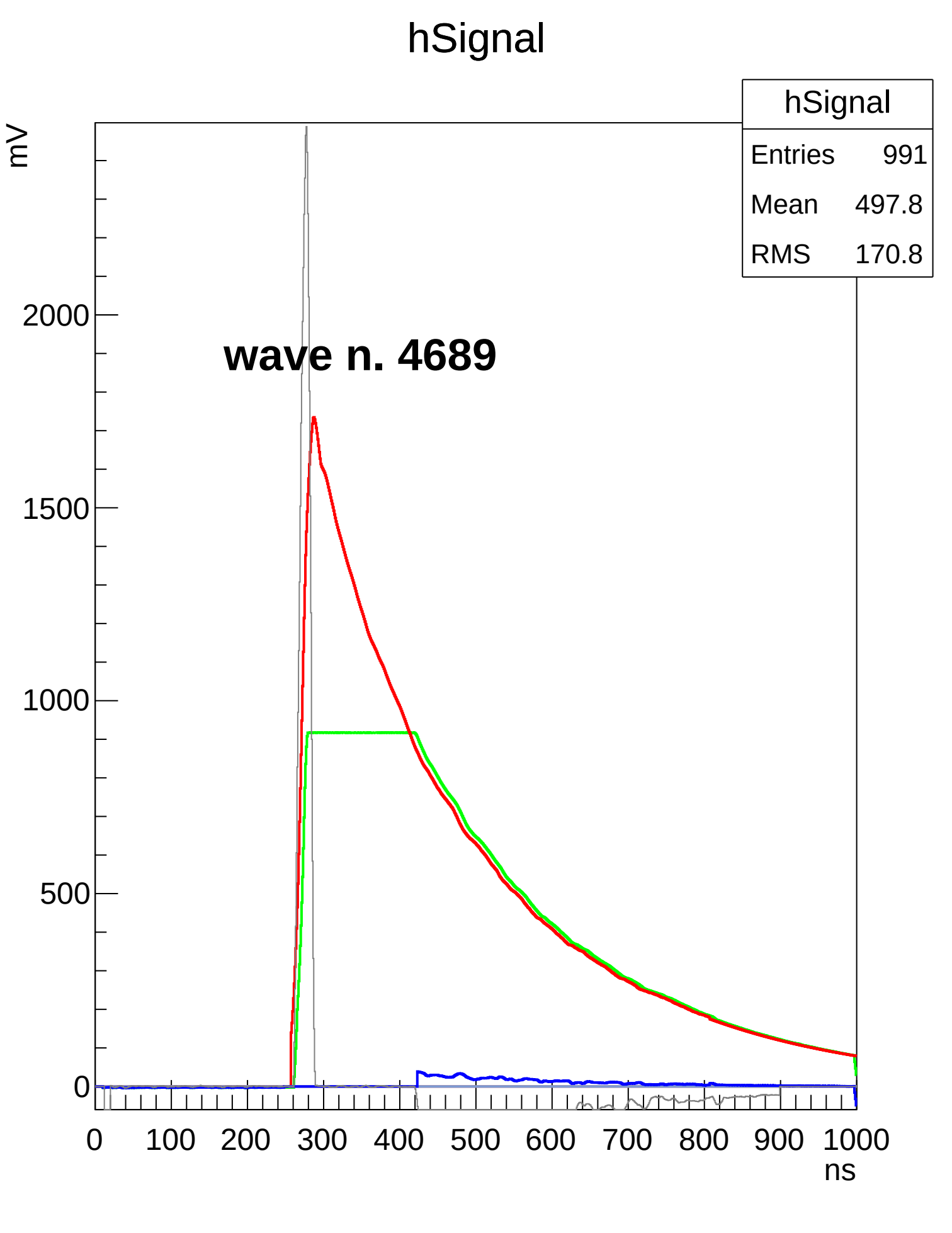

hSignal
hSignal
Entries 991
Mean 514.6
RMS 184.9
wave n. 4684
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

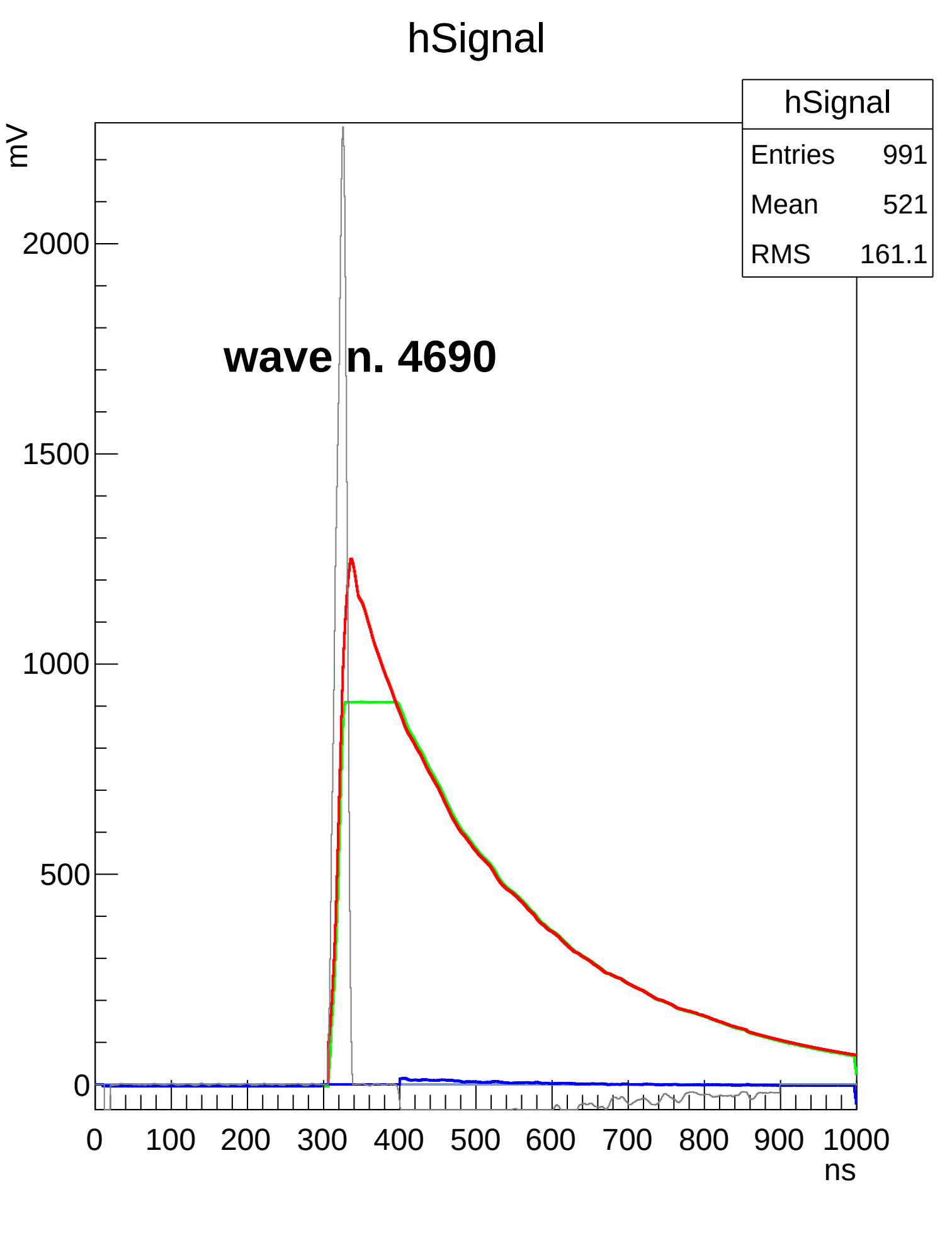

hSignal
hSignal
Entries 991
Mean 497.9
RMS 175.6
wave n. 4685
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

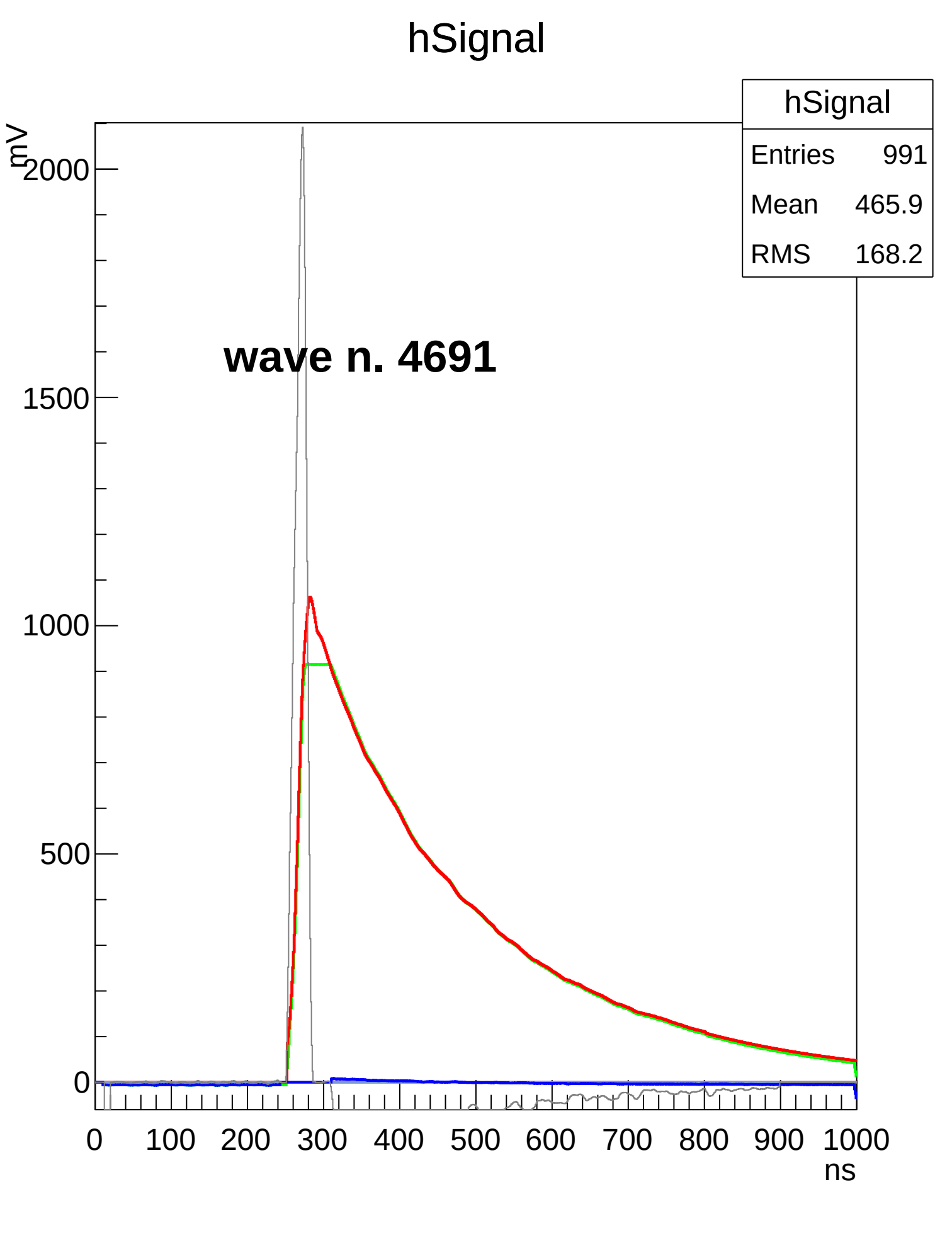

hSignal
hSignal
Entries 991
Mean 471
RMS 167.4
wave n. 4686
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

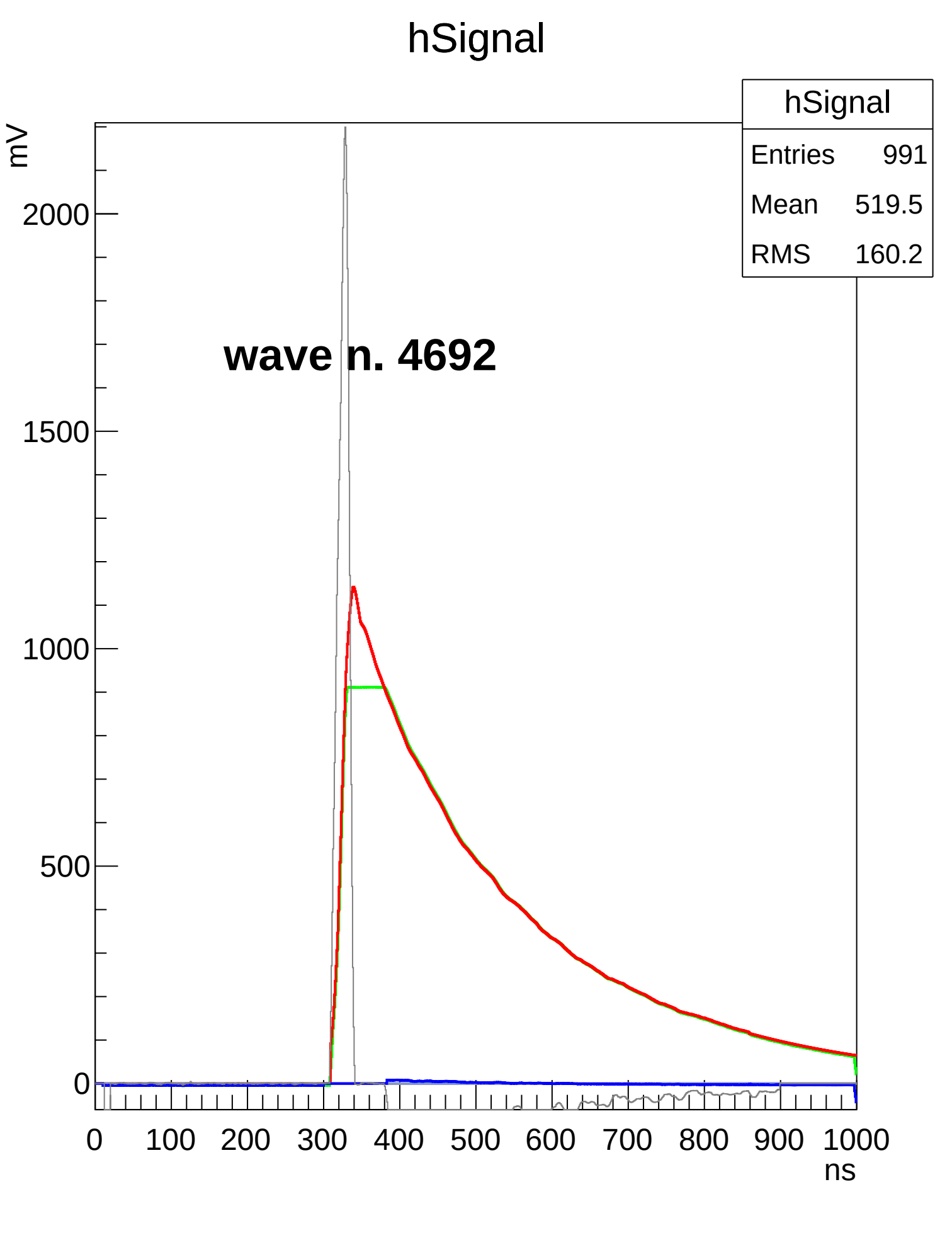

hSignal
hSignal
Entries 991
Mean 576.1
RMS 160.6
wave n. 4687
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 462.1
RMS 168.6
wave n. 4688
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 497.8
RMS 170.8
wave n. 4689
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 521
RMS 161.1
wave n. 4690
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 465.9
RMS 168.2
wave n. 4691
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.5
RMS 160.2
wave n. 4692
mV
2000
1500
1000
500
0
0
100
200
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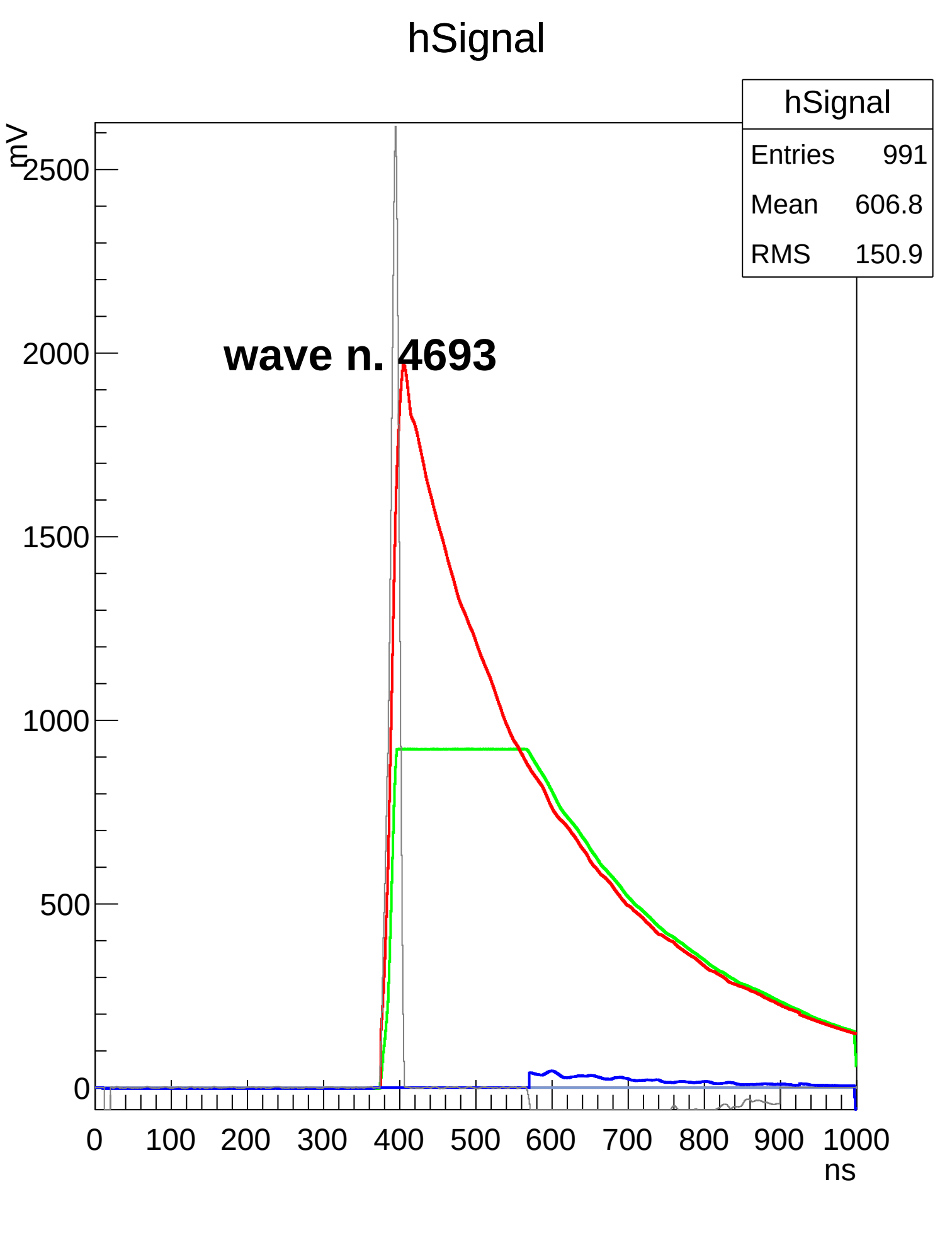
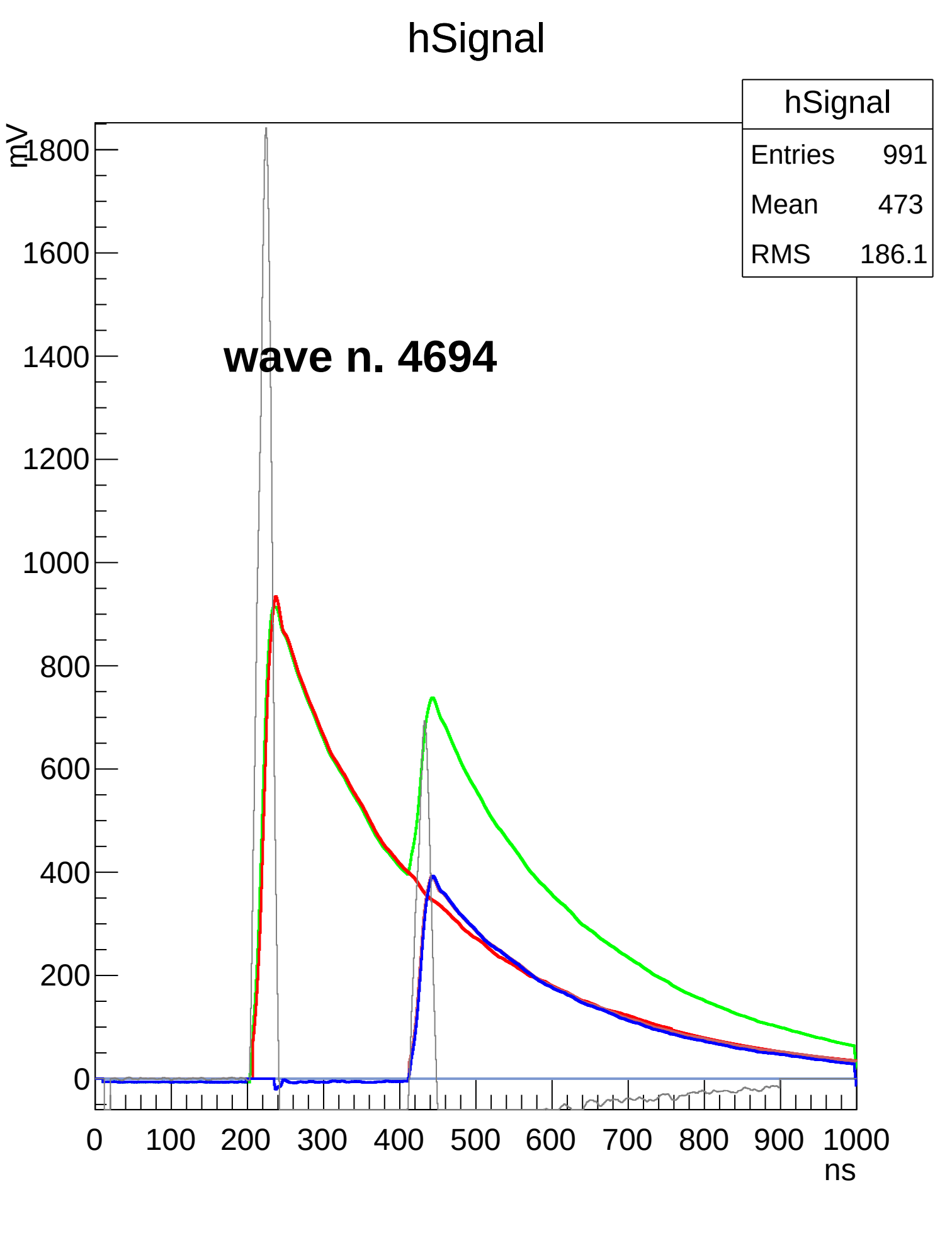
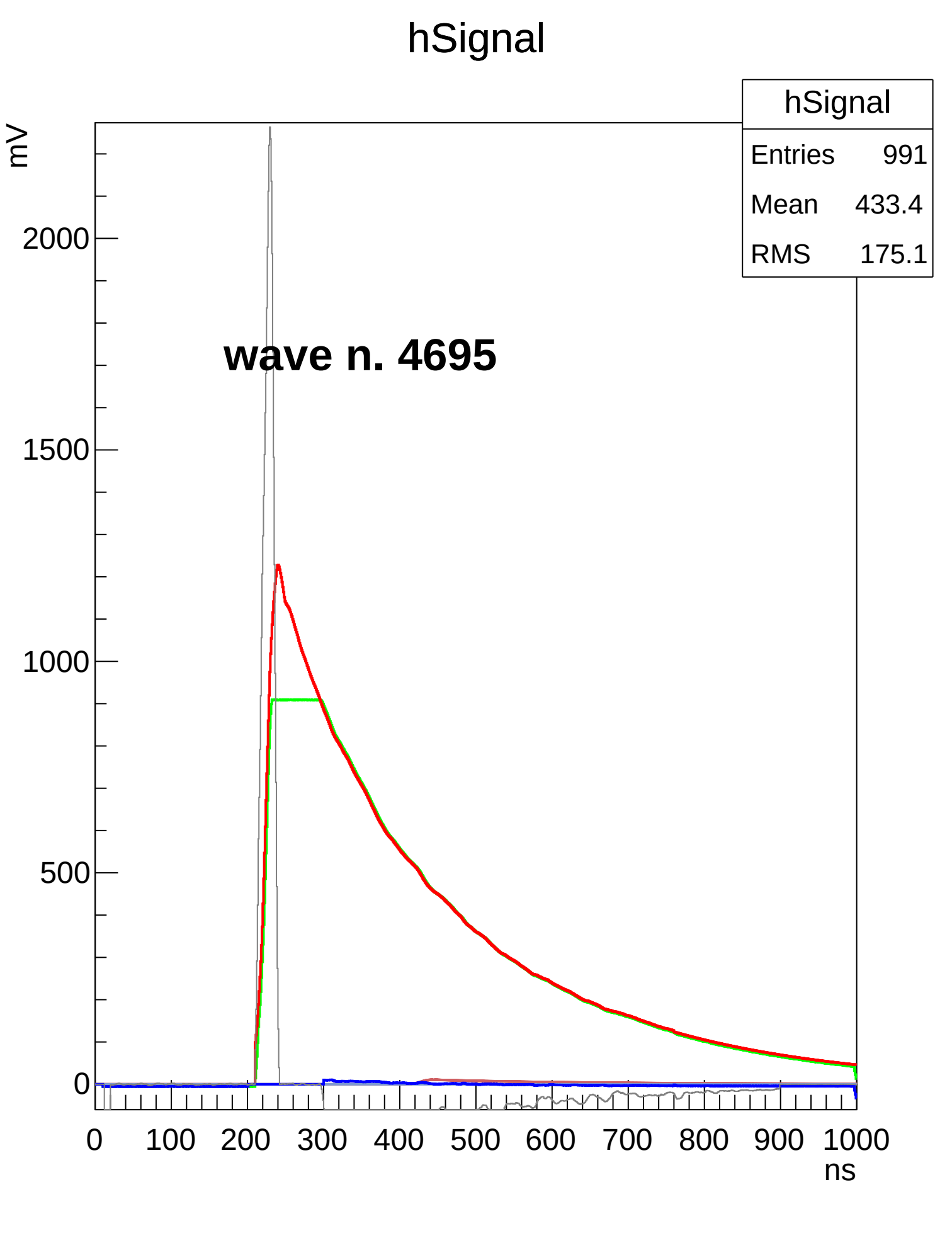
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 606.8
RMS 150.9
wave n. 4693
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 473
RMS 186.1
wave n. 4694
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 433.4
RMS 175.1
wave n. 4695
mV
2000
1500
1000
500
0
0
100
200
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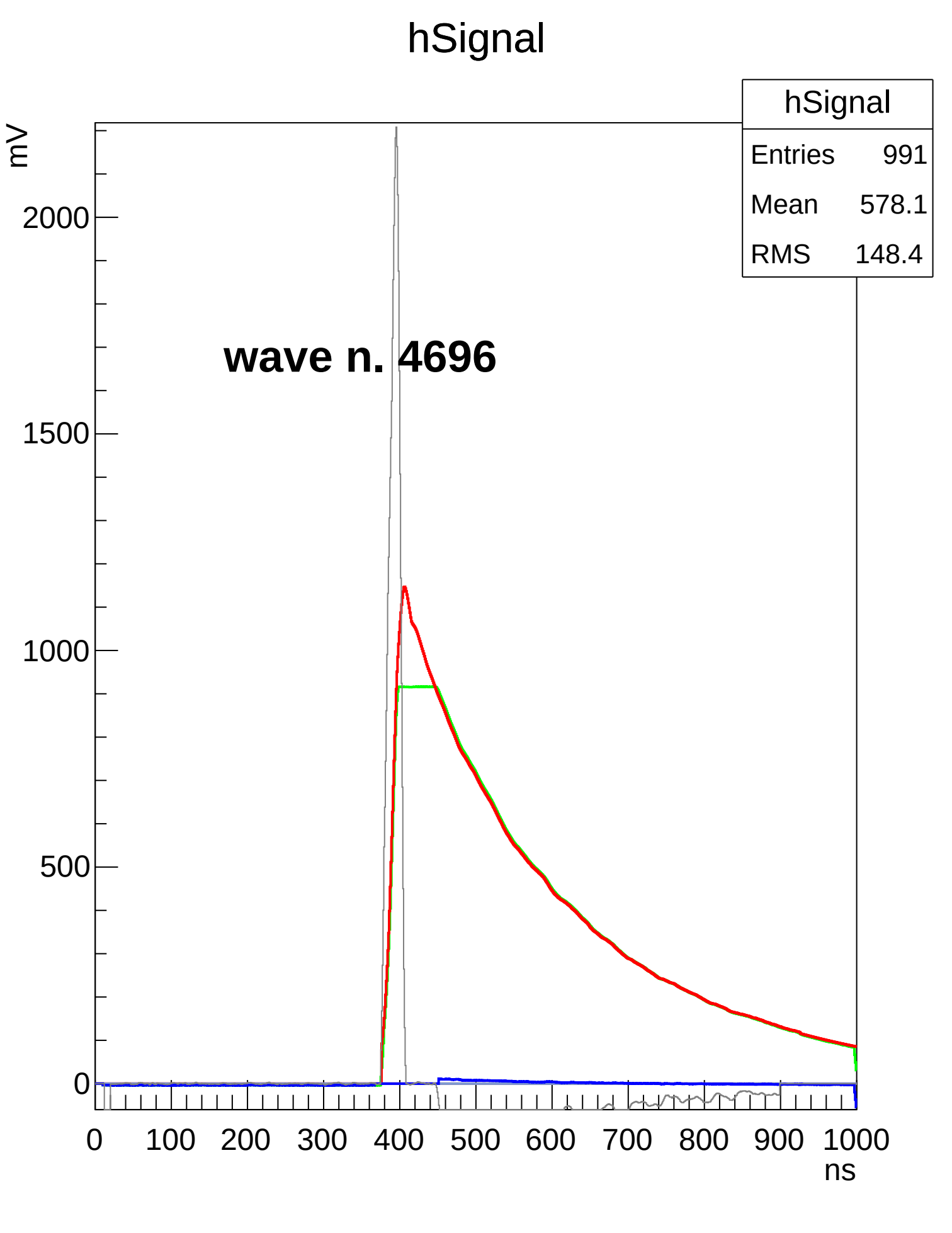
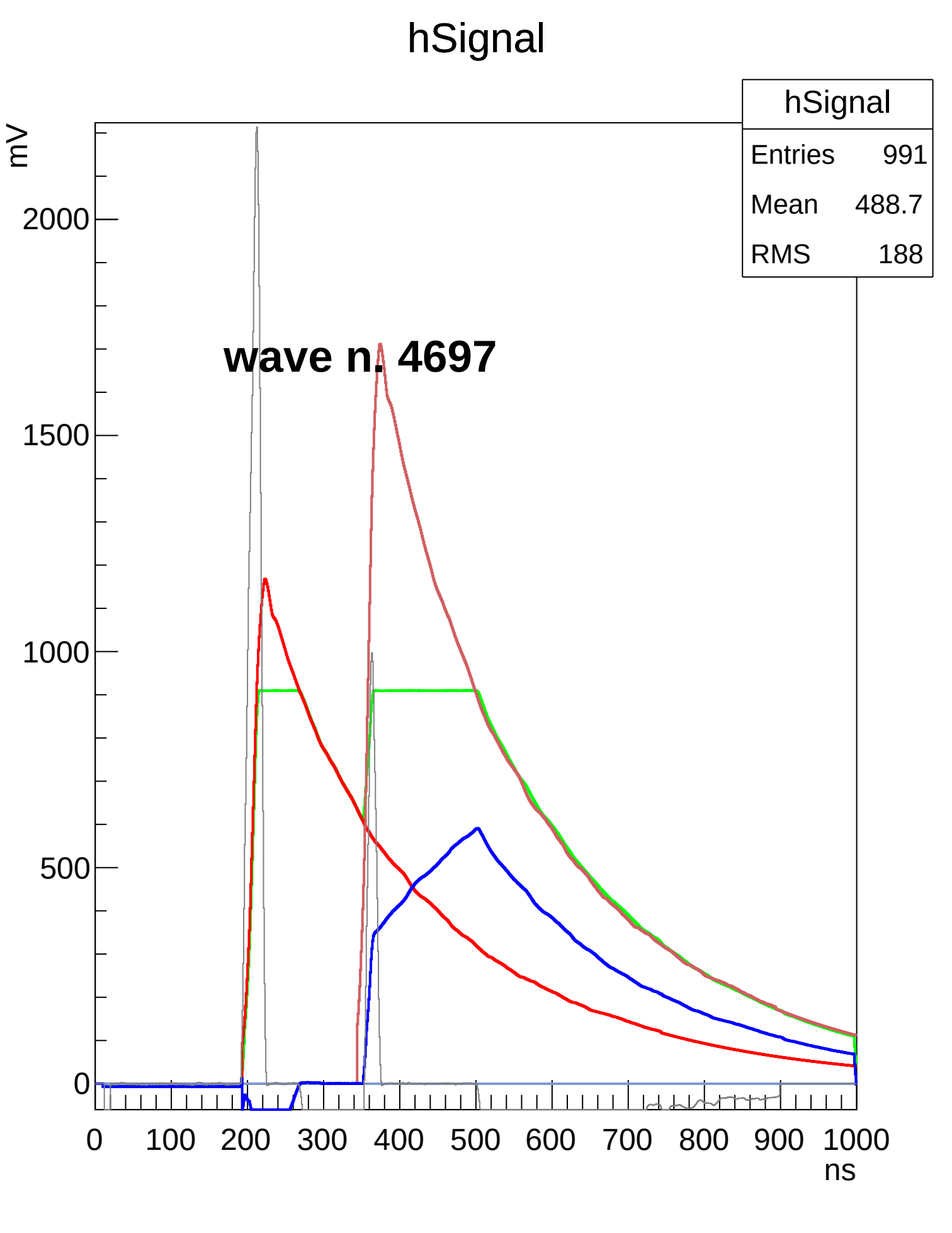
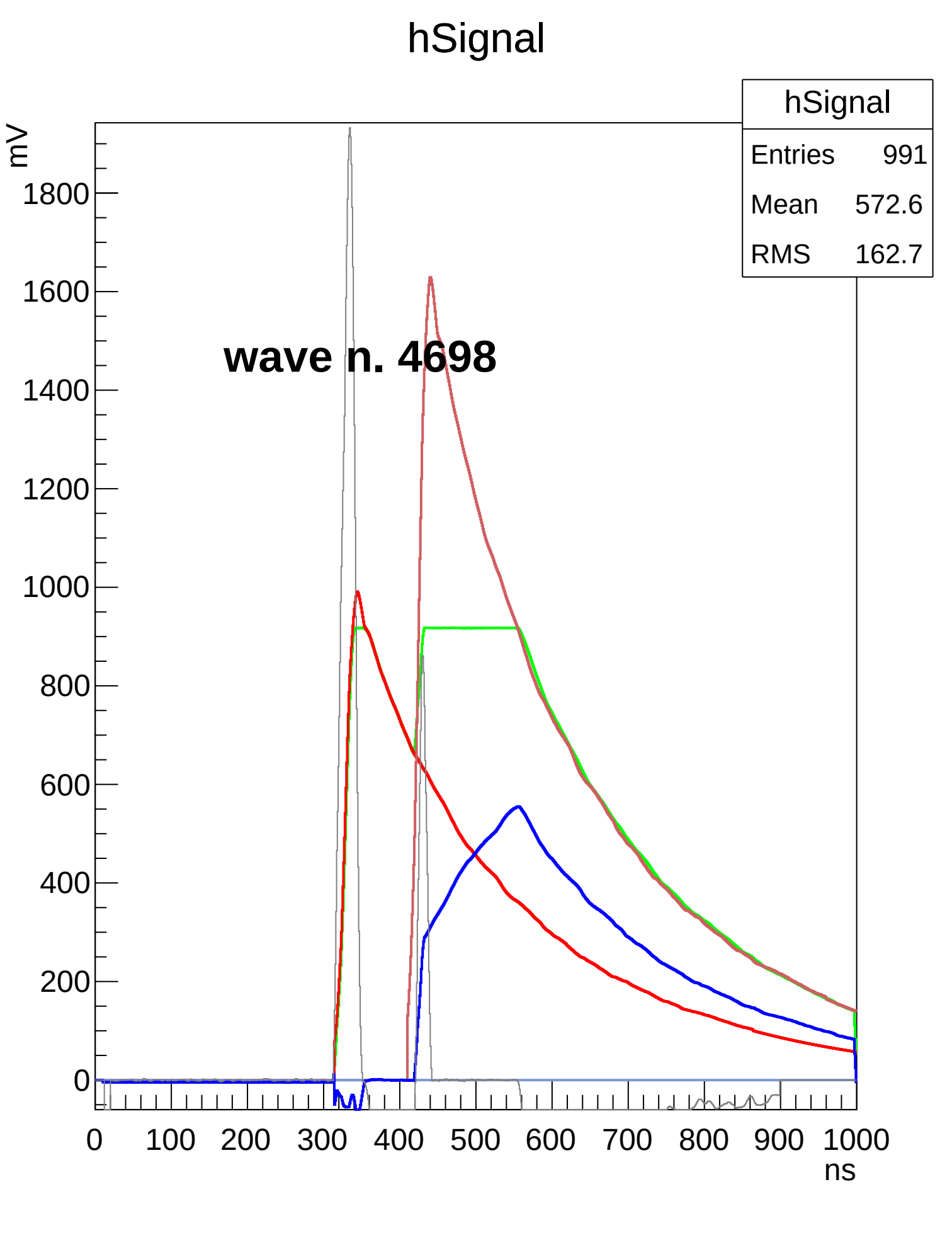
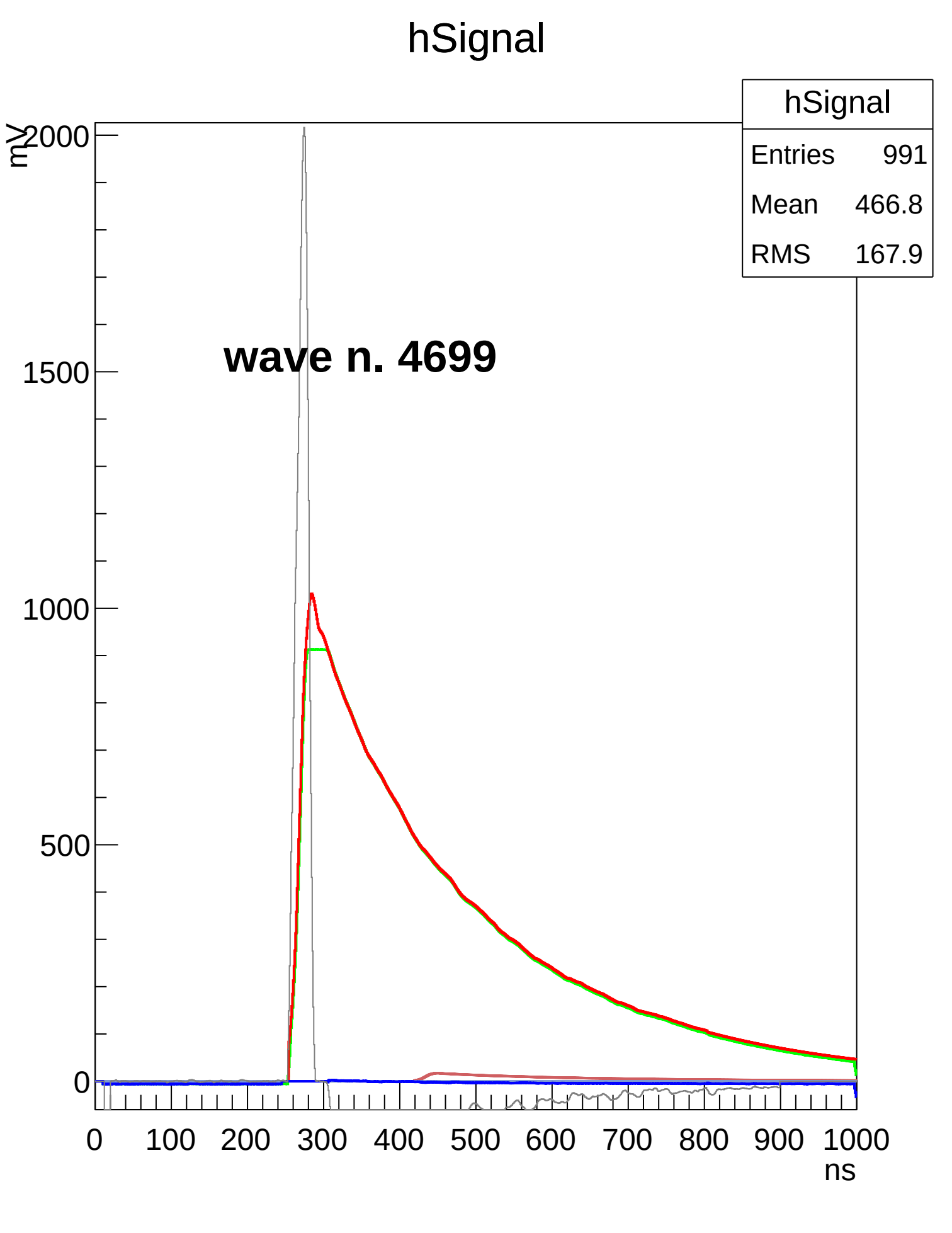
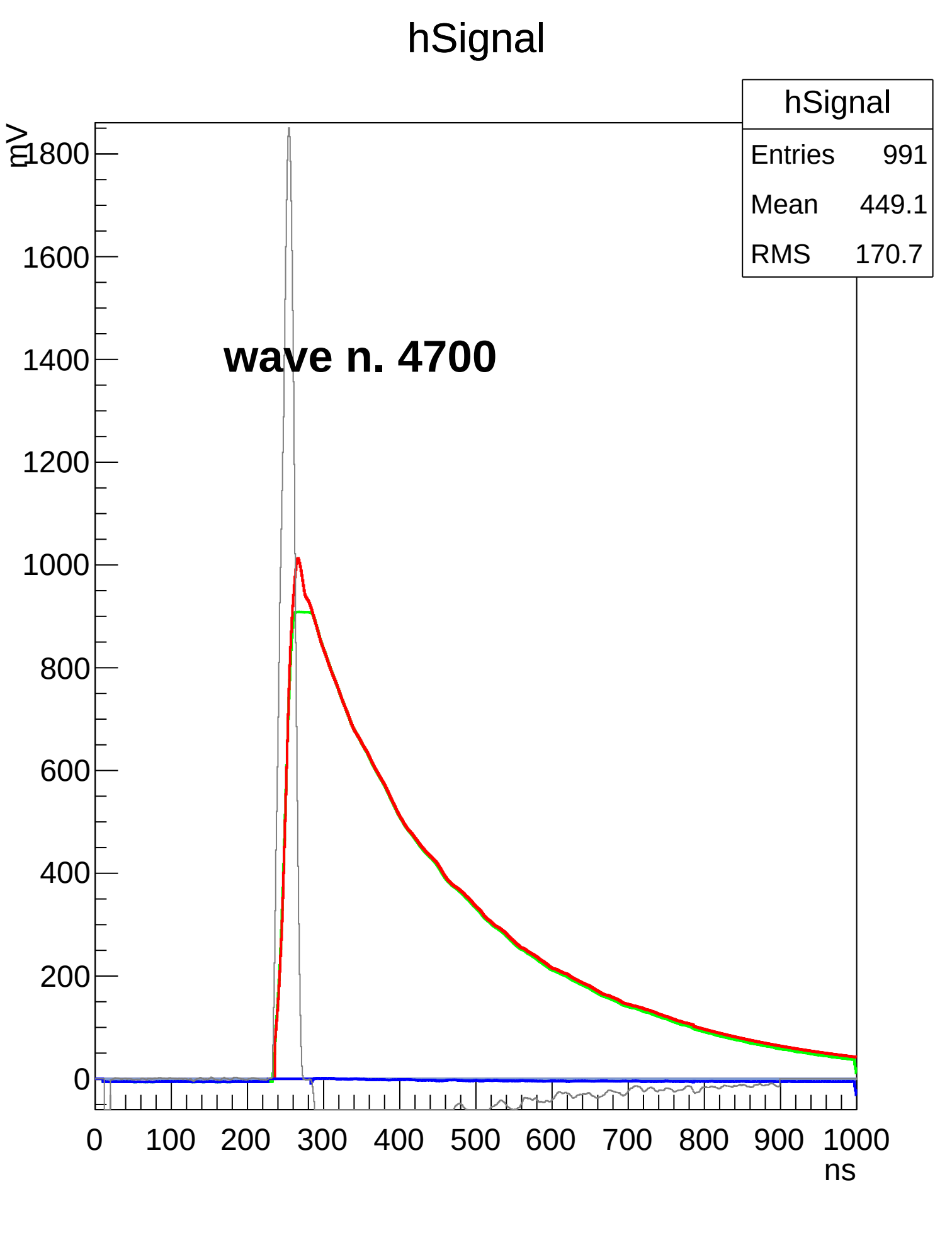
400
500
600
700
800
900
1000
ns

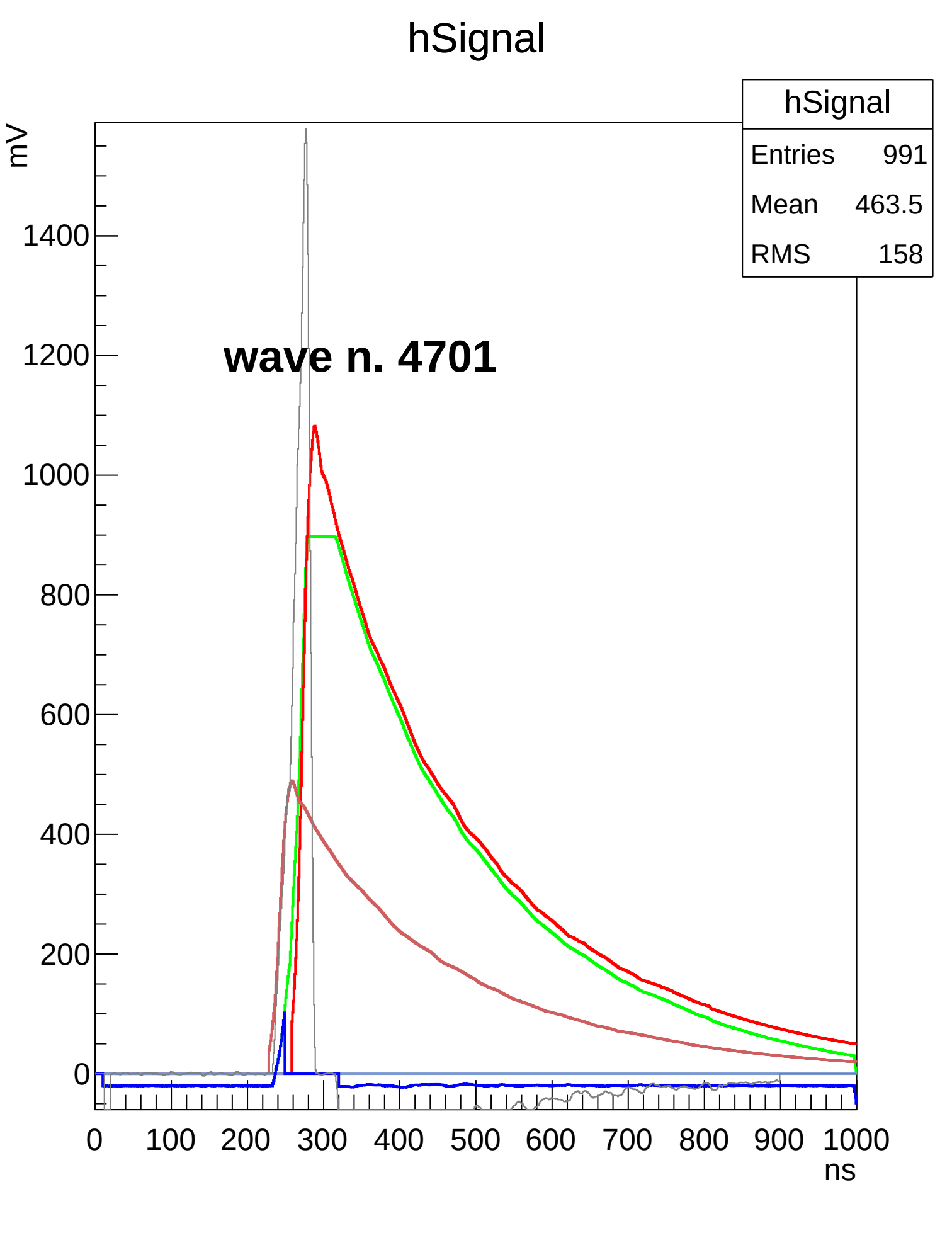

hSignal
hSignal
Entries 991
Mean 578.1
RMS 148.4
wave n. 4696
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

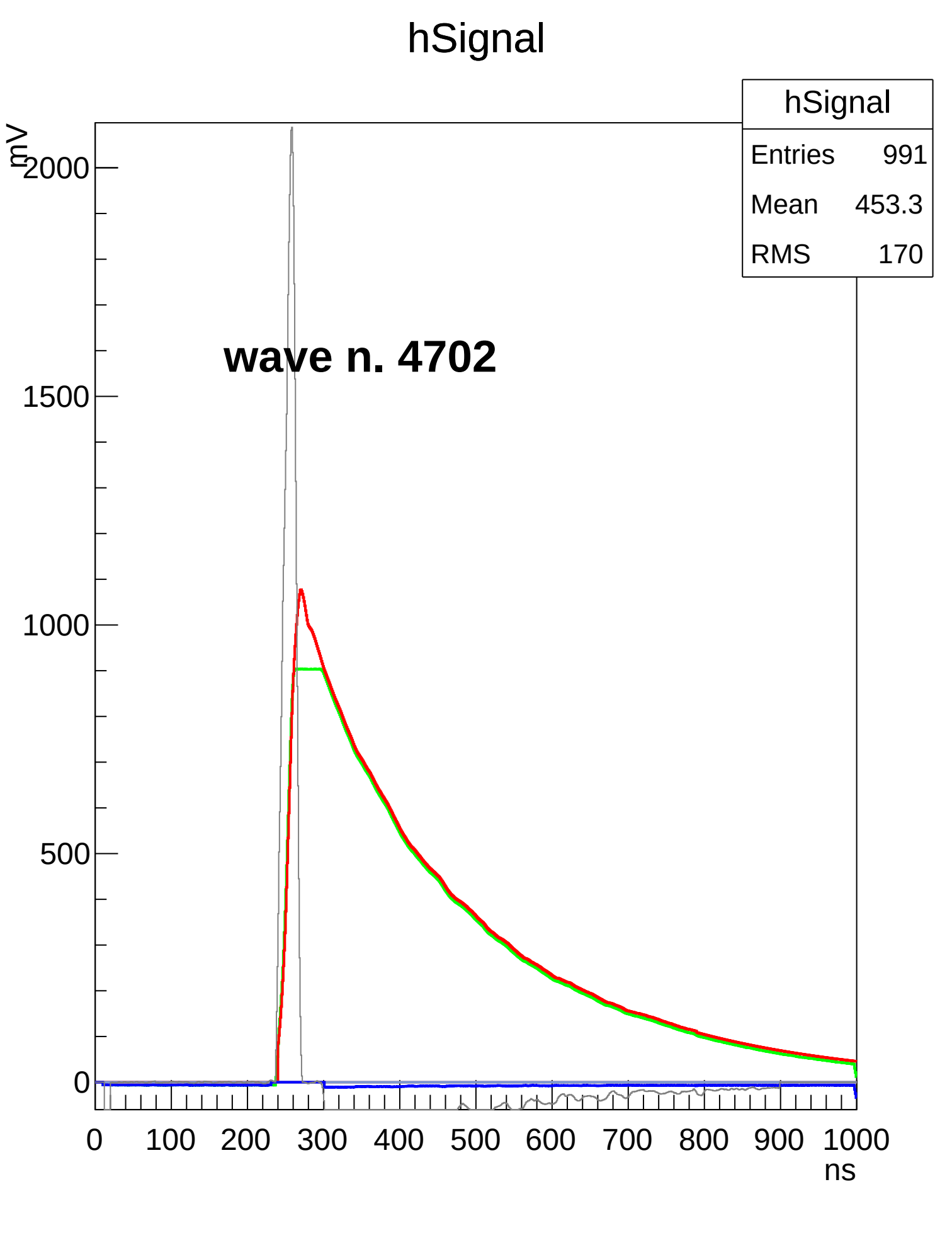

hSignal
hSignal
Entries 991
Mean 488.7
RMS 188
wave n. 4697
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 572.6
RMS 162.7
wave n. 4698
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 466.8
RMS 167.9
wave n. 4699
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 449.1
RMS 170.7
wave n. 4700
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 463.5
RMS 158
wave n. 4701
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 453.3
RMS 170
wave n. 4702
mV
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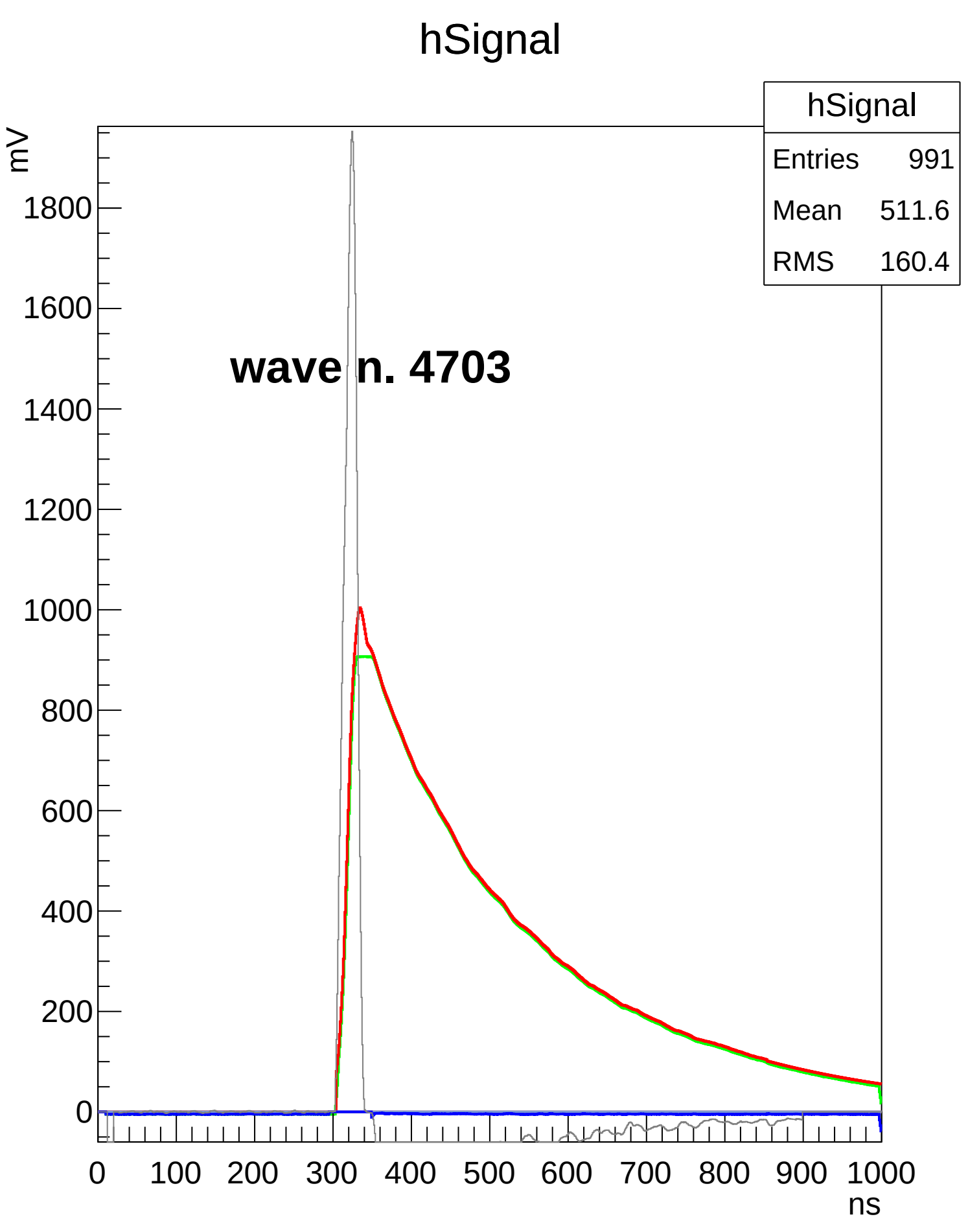
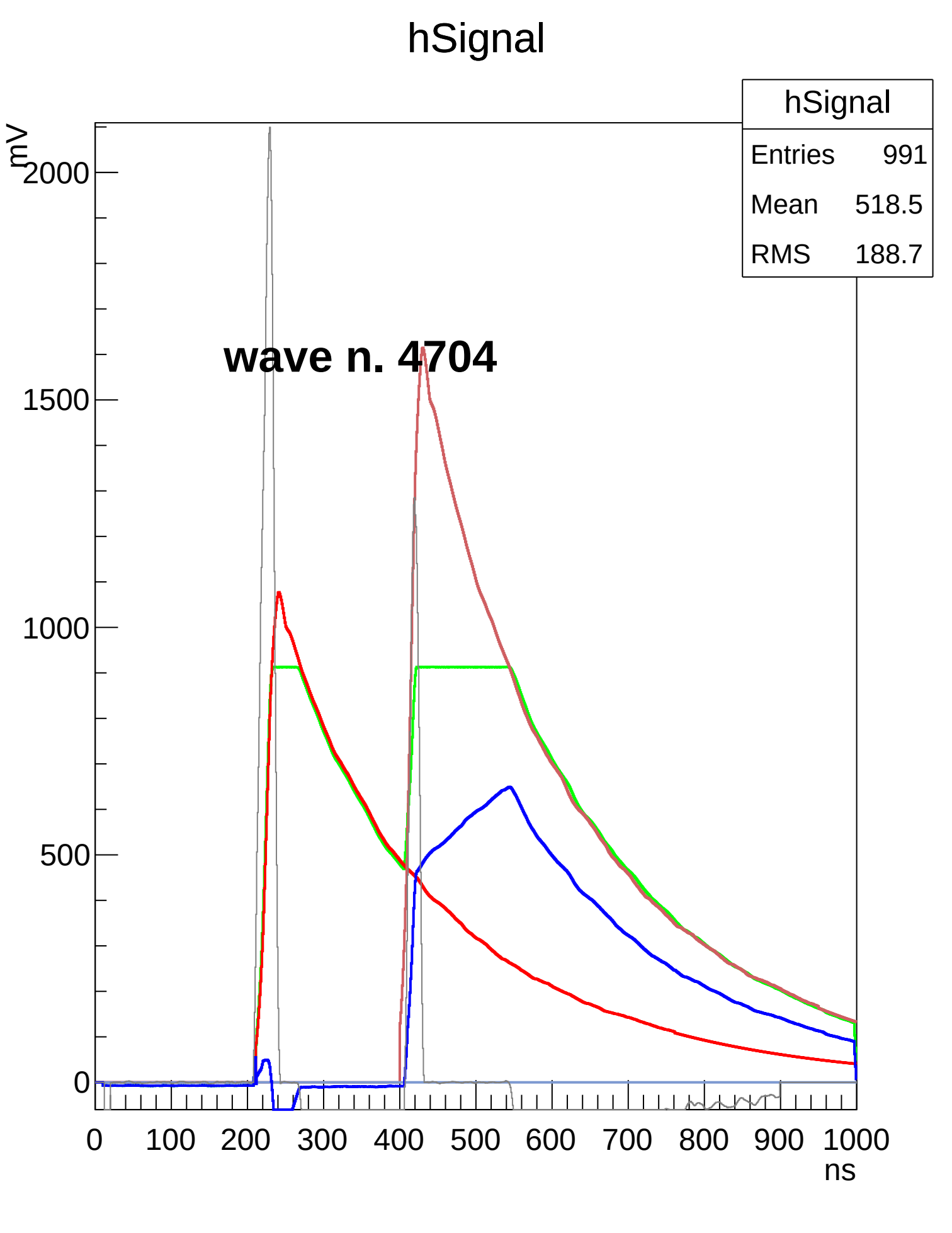
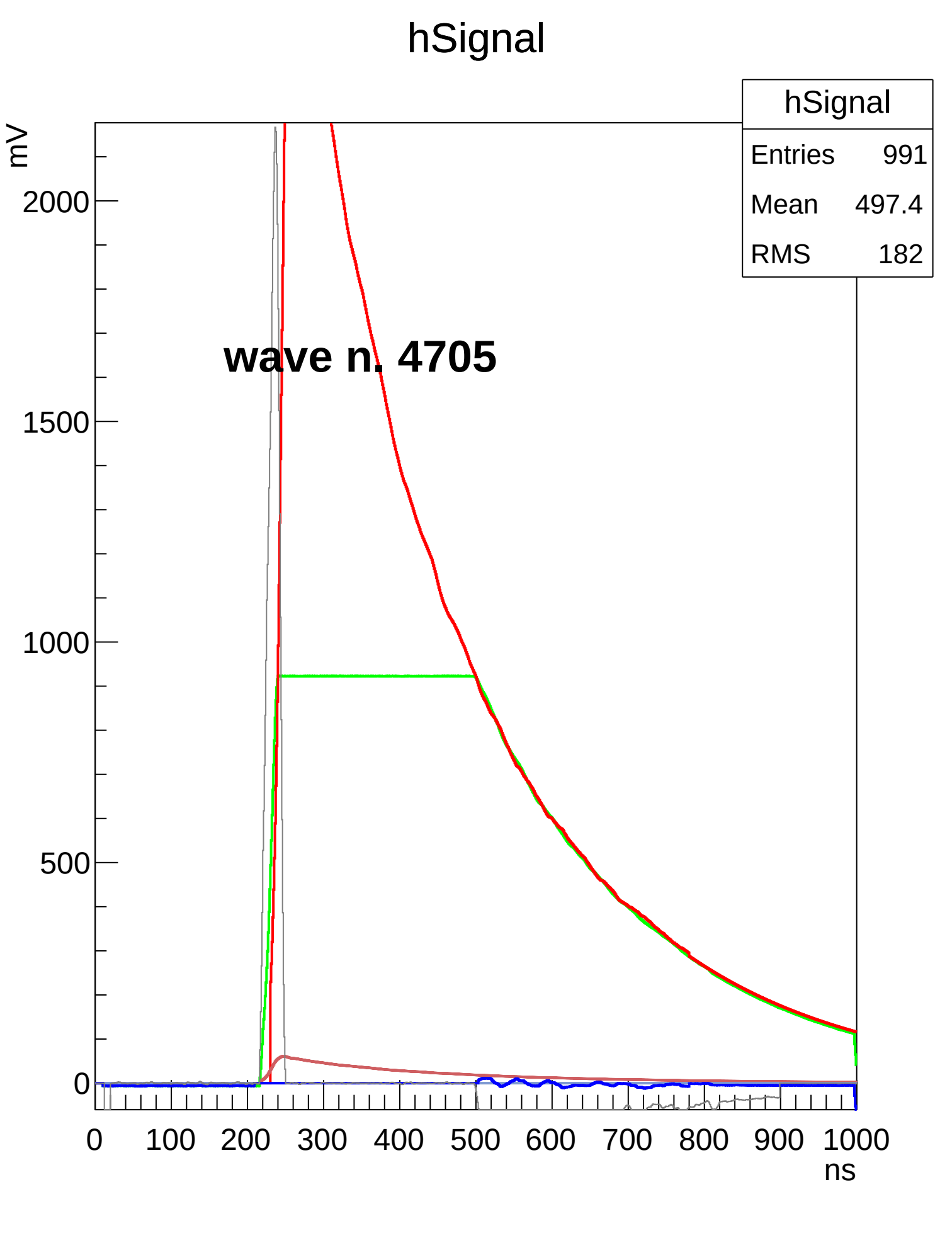
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 511.6
RMS 160.4
wave n. 4703
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.5
RMS 188.7
wave n. 4704
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 497.4
RMS 182
wave n. 4705
mV
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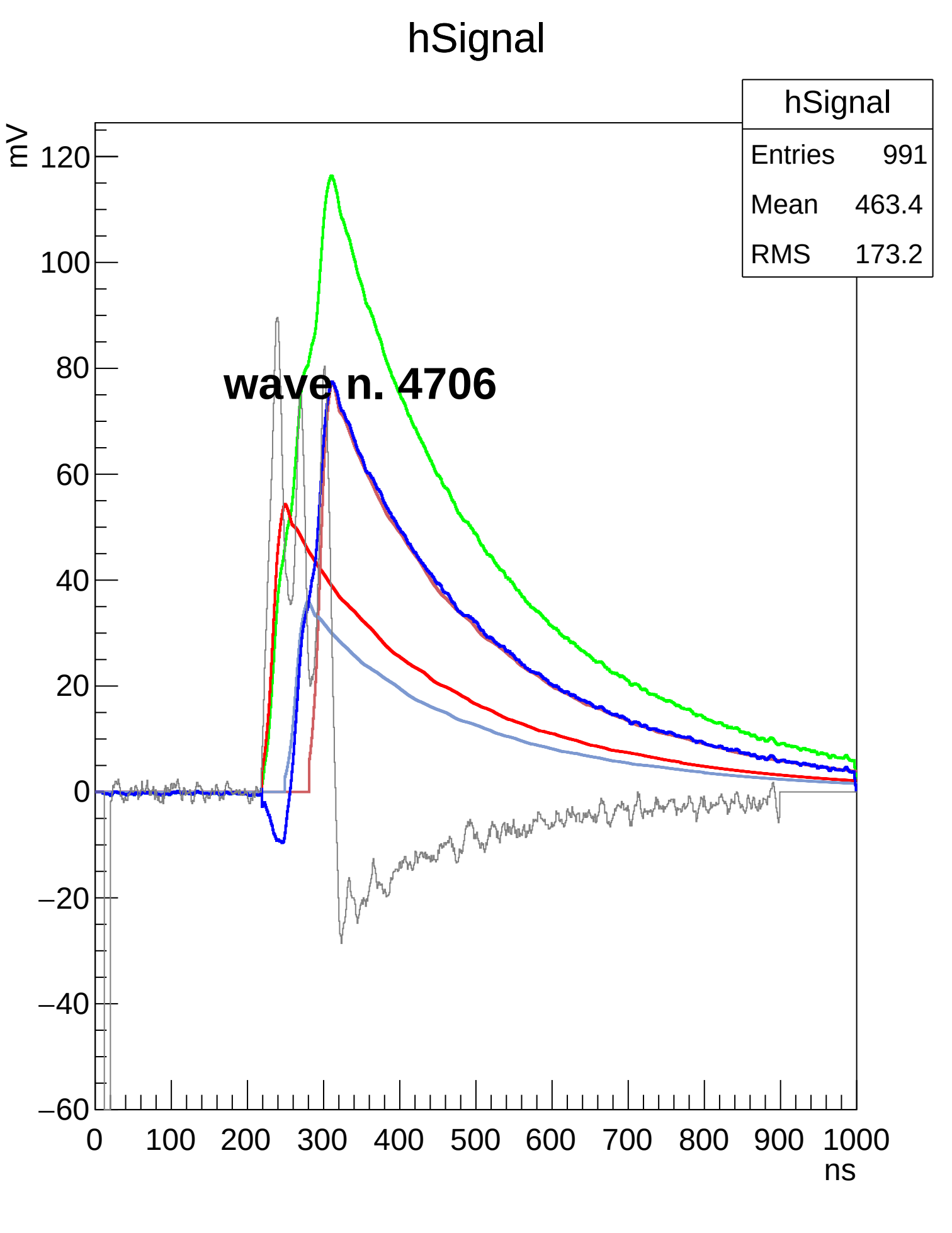
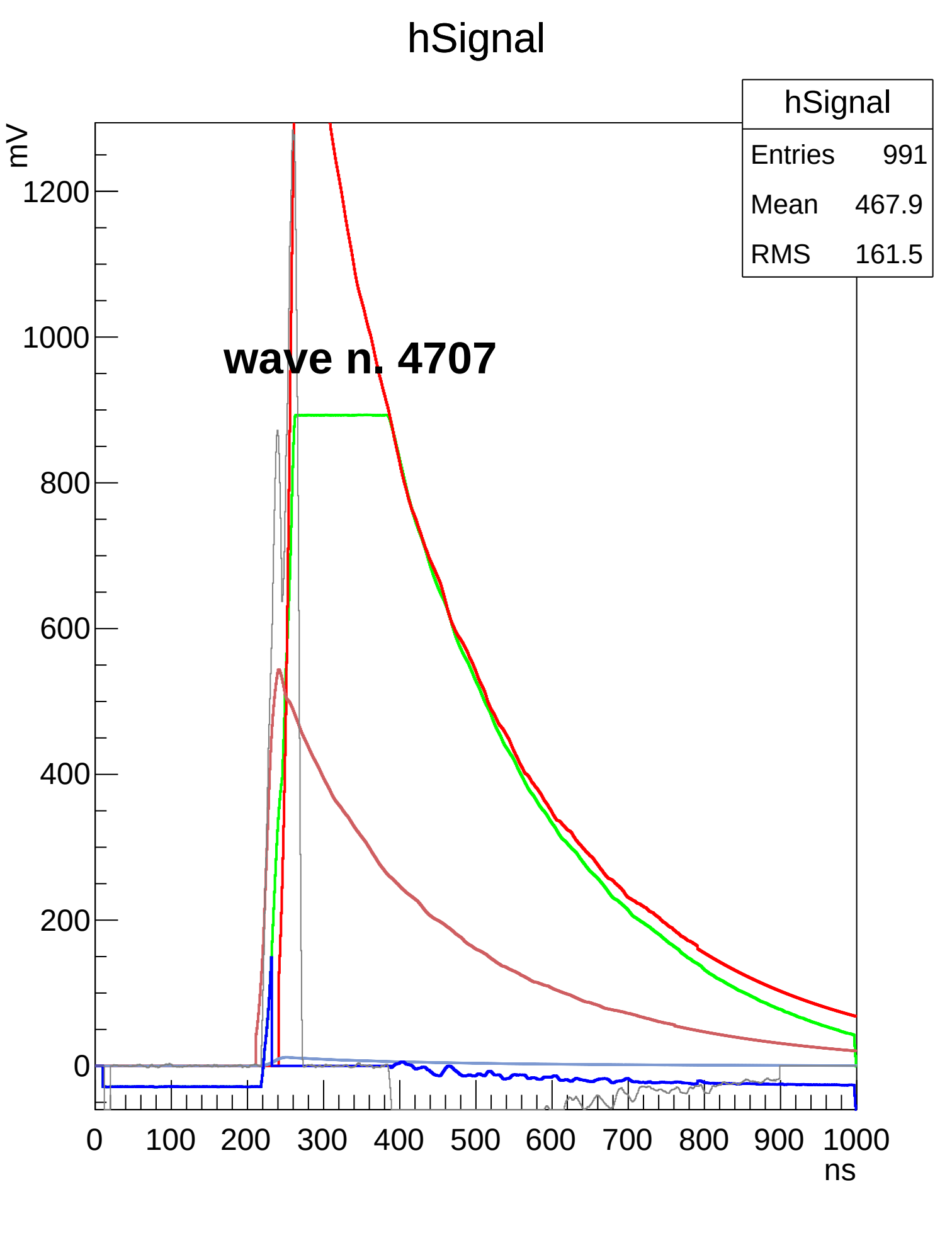
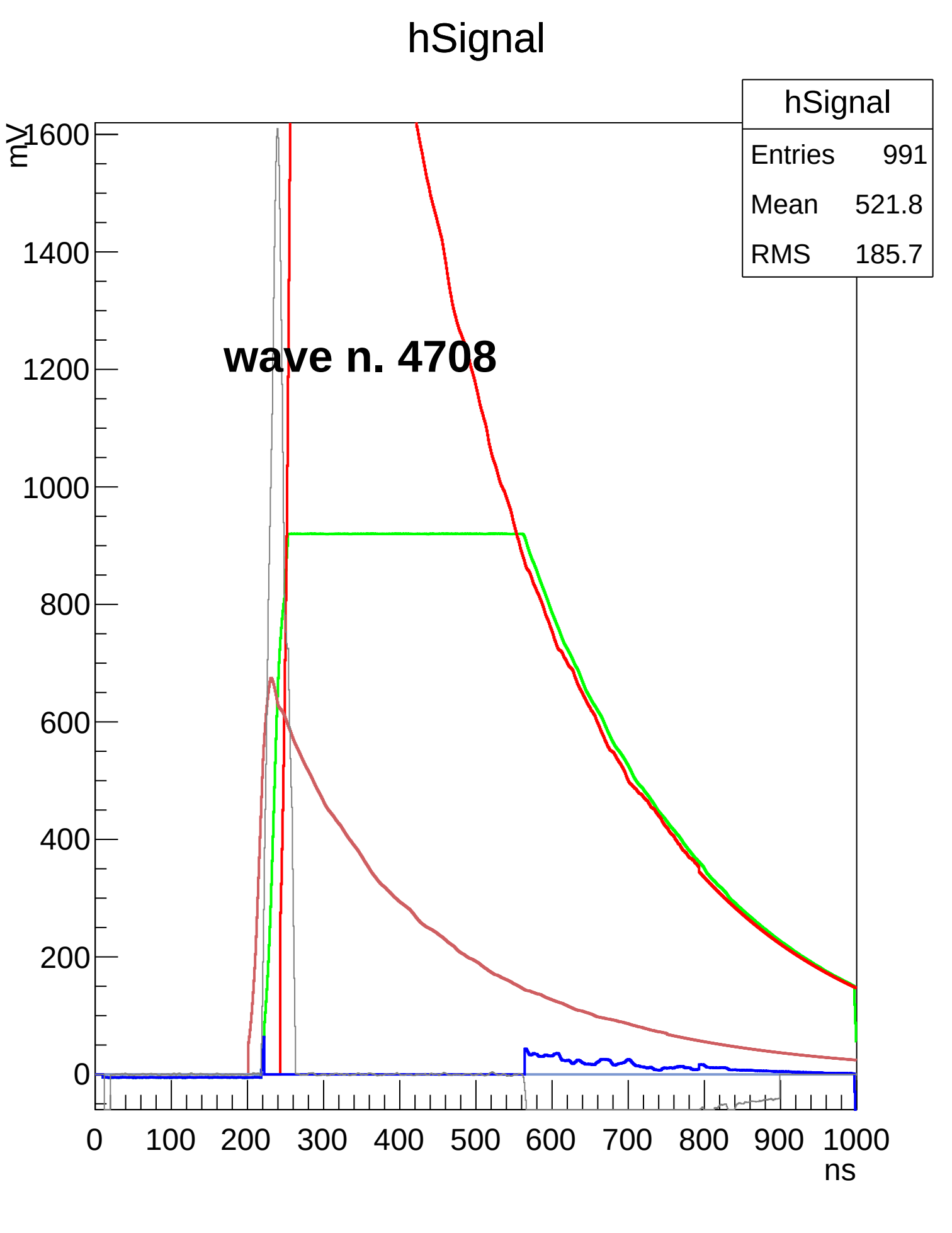
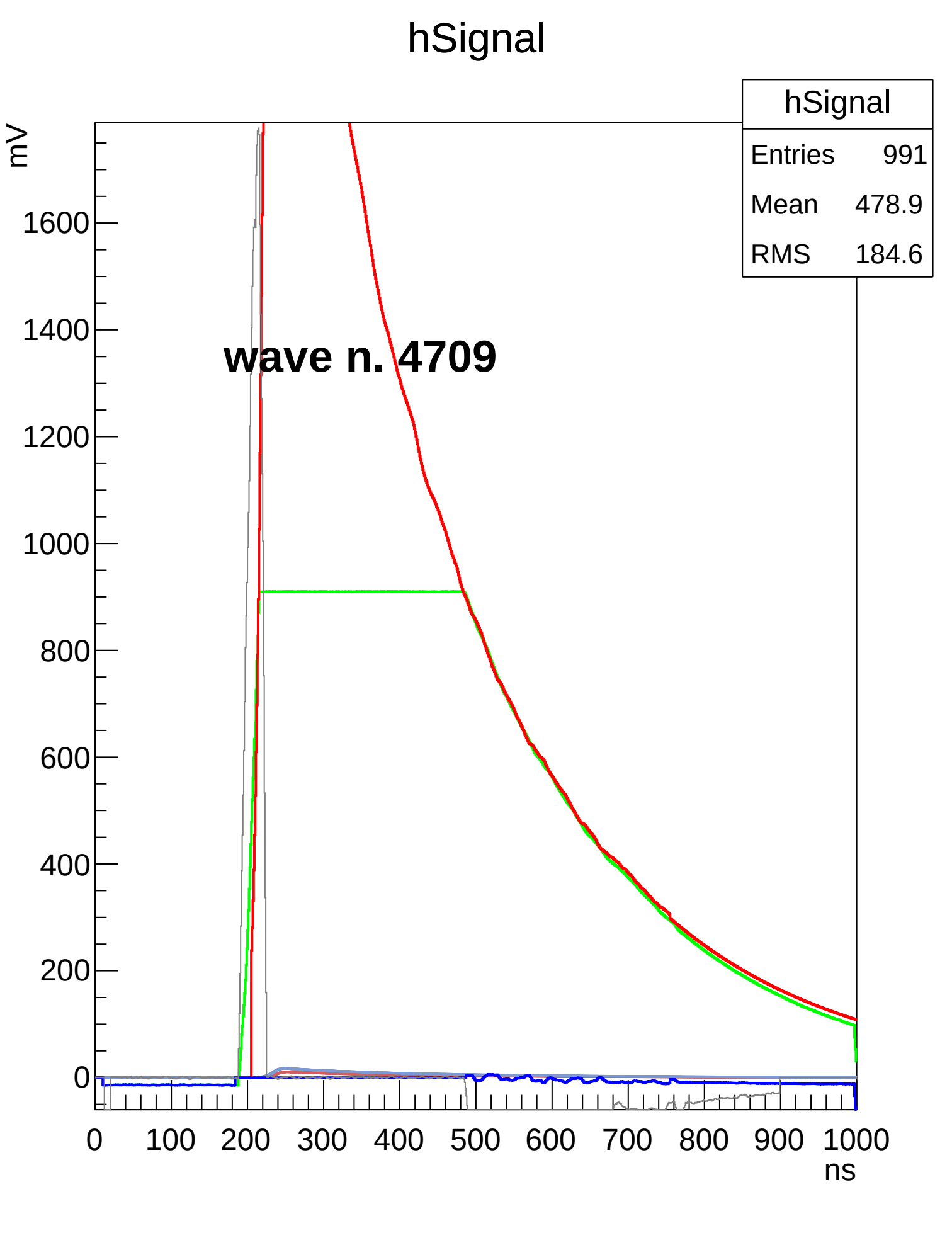
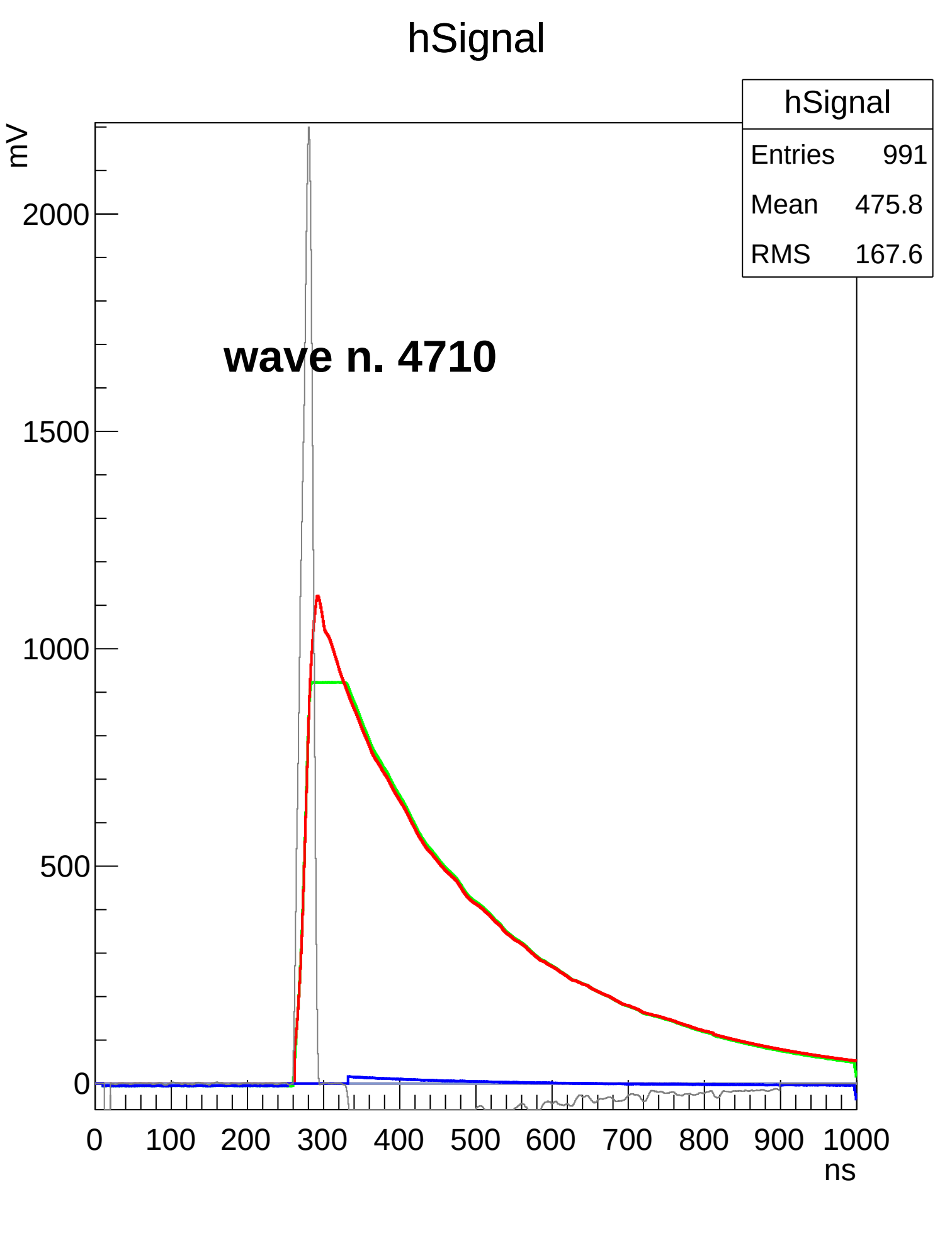
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

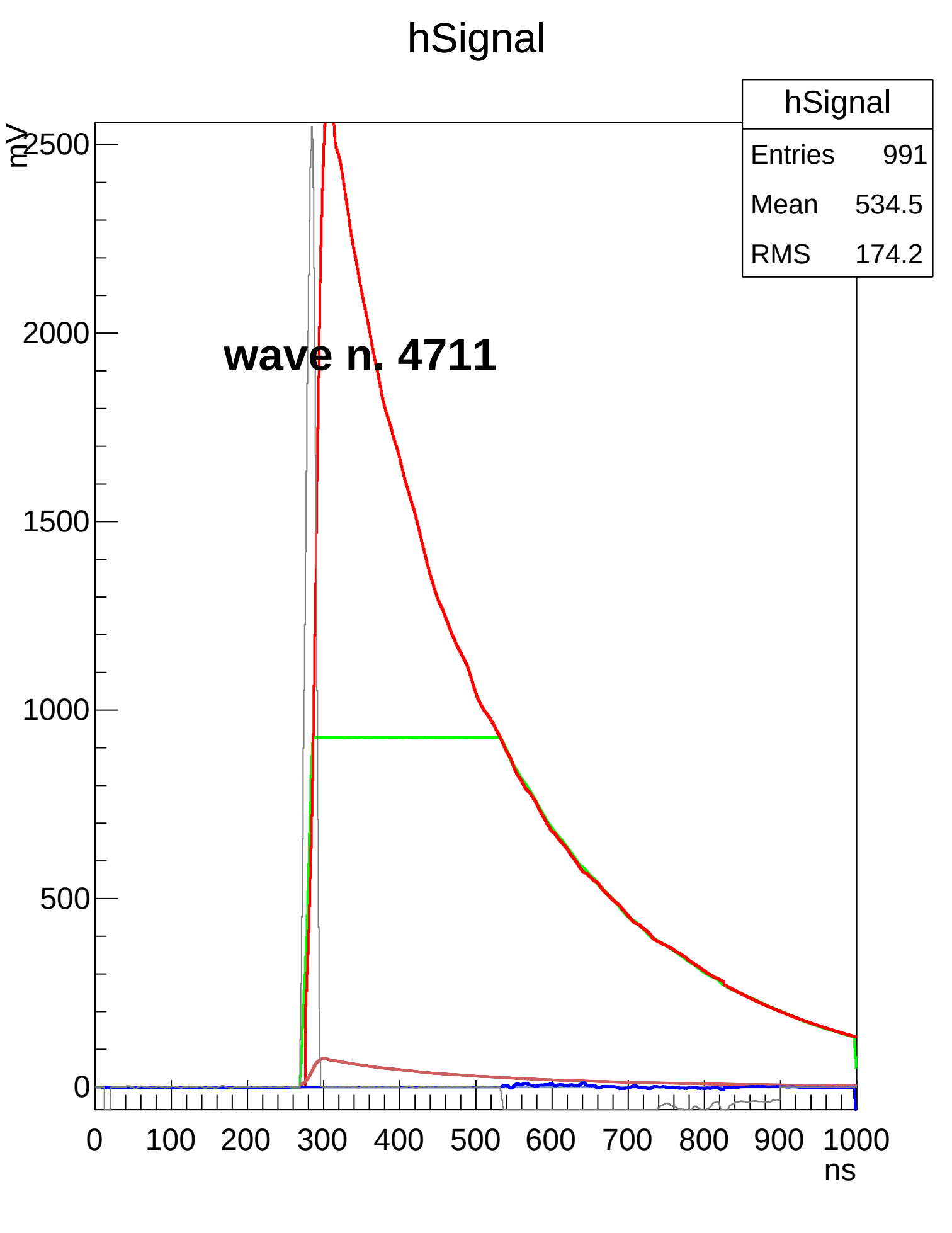

hSignal
hSignal
Entries 991
Mean 463.4
RMS 173.2
wave n. 4706
mV
120
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns

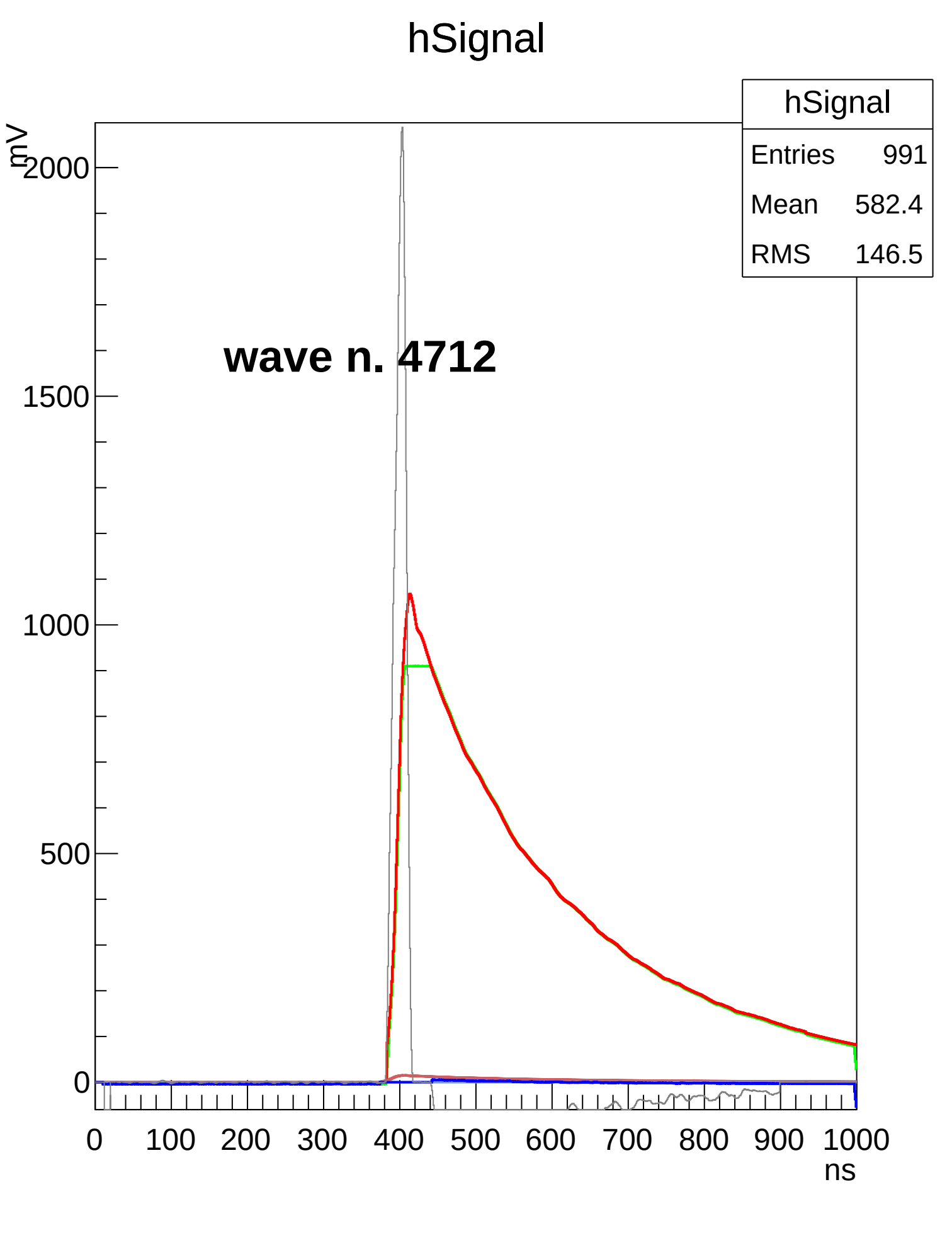

hSignal
hSignal
Entries 991
Mean 467.9
RMS 161.5
wave n. 4707
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

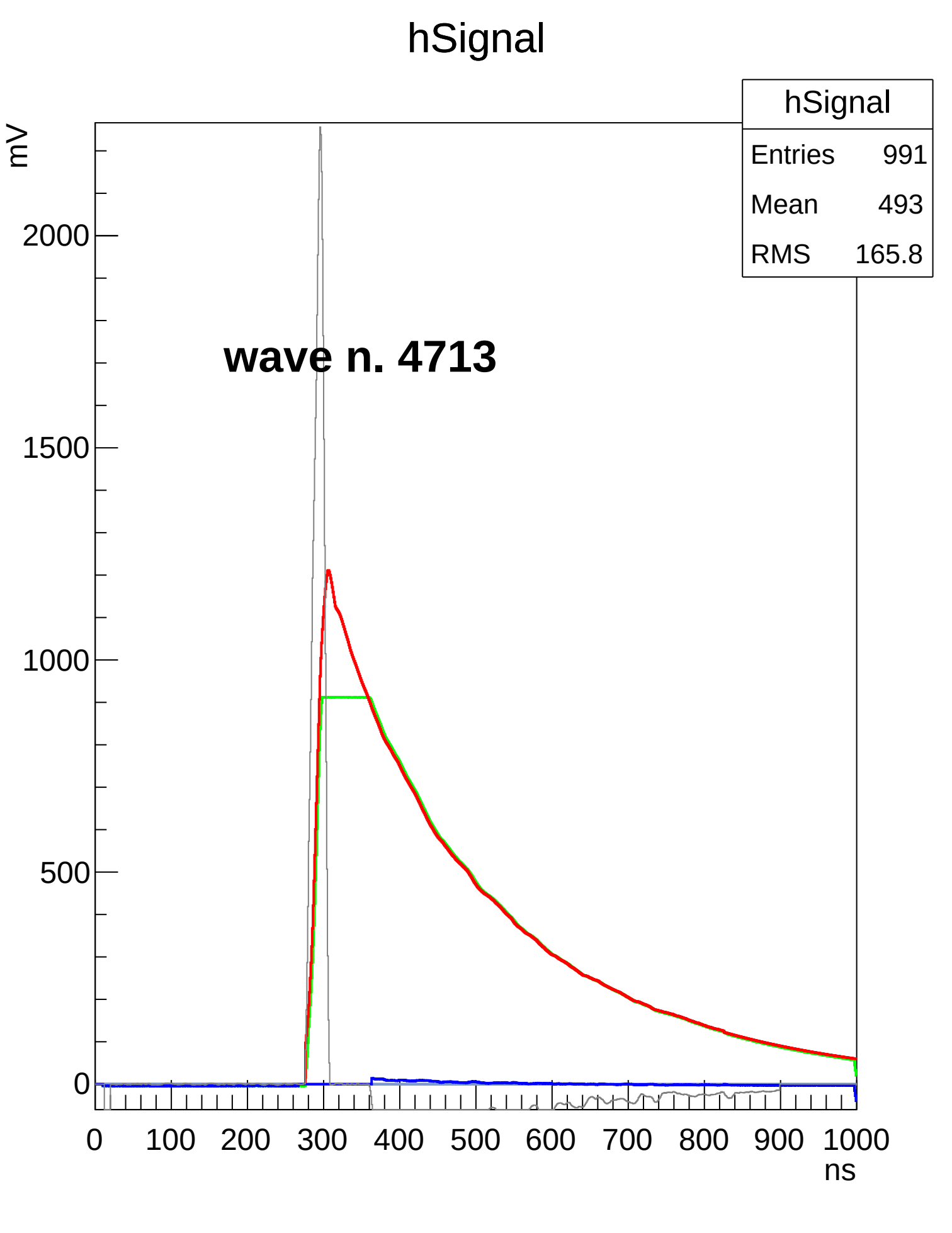

hSignal
hSignal
Entries 991
Mean 521.8
RMS 185.7
wave n. 4708
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

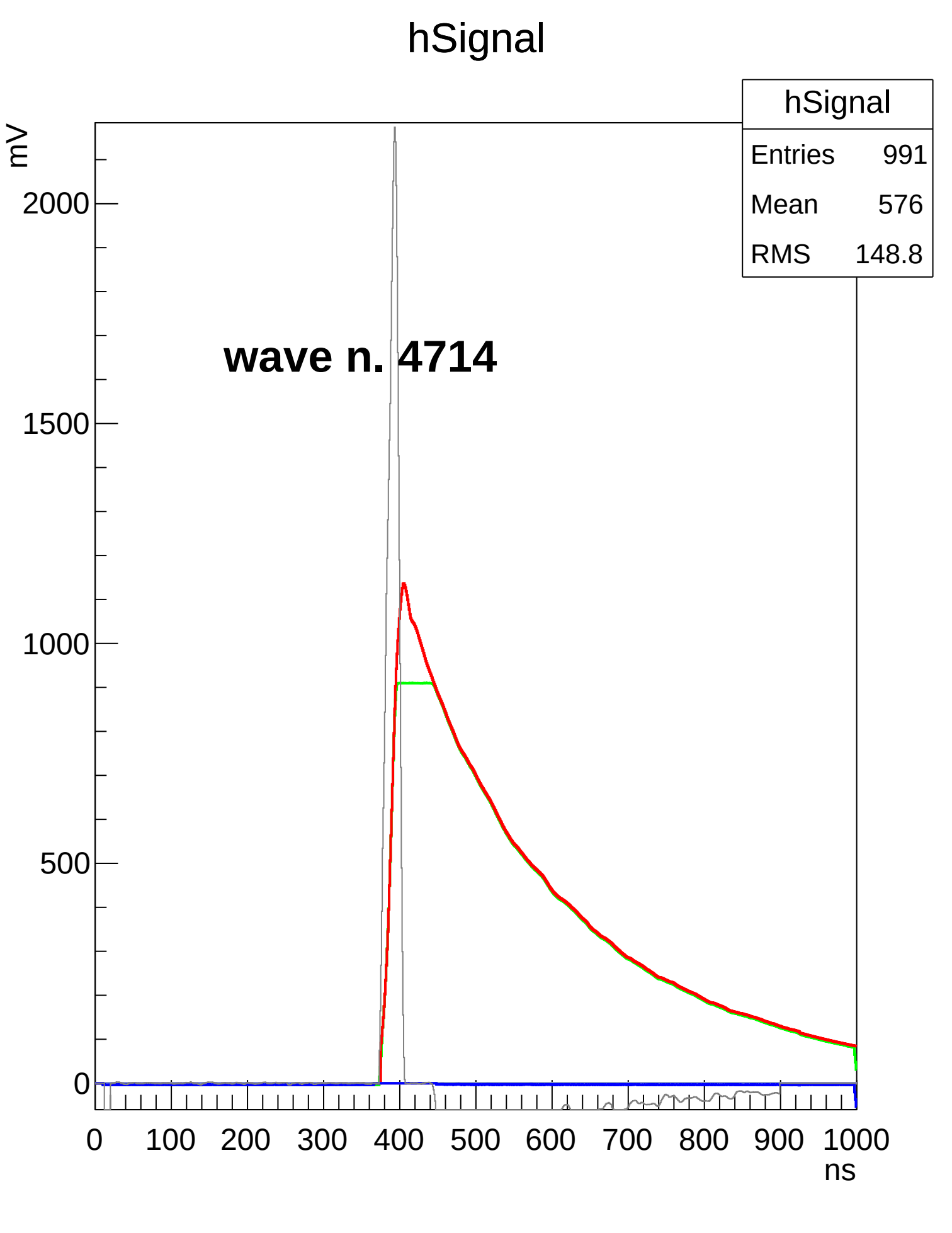

hSignal
hSignal
Entries 991
Mean 478.9
RMS 184.6
wave n. 4709
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

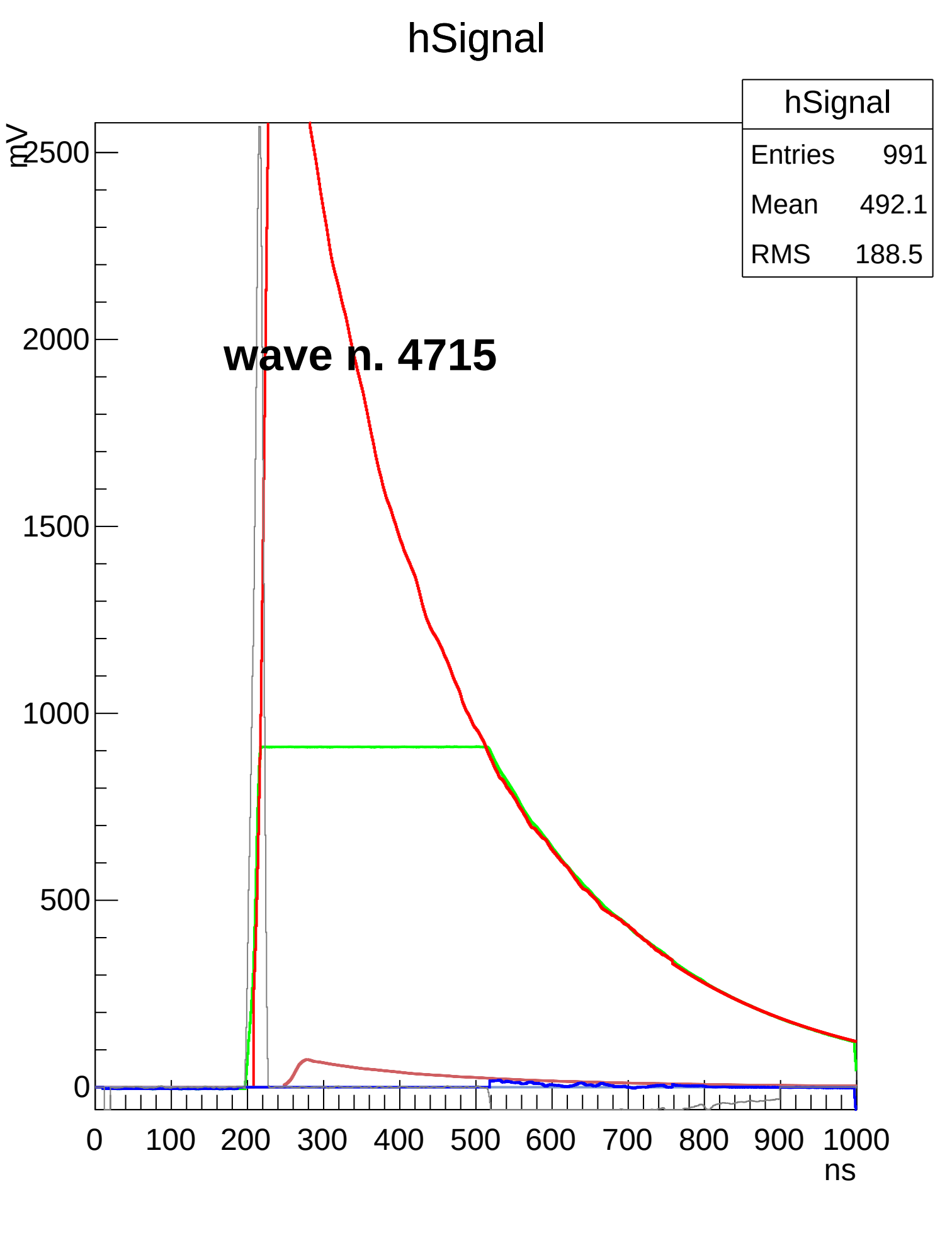

hSignal
hSignal
Entries 991
Mean 475.8
RMS 167.6
wave n. 4710
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

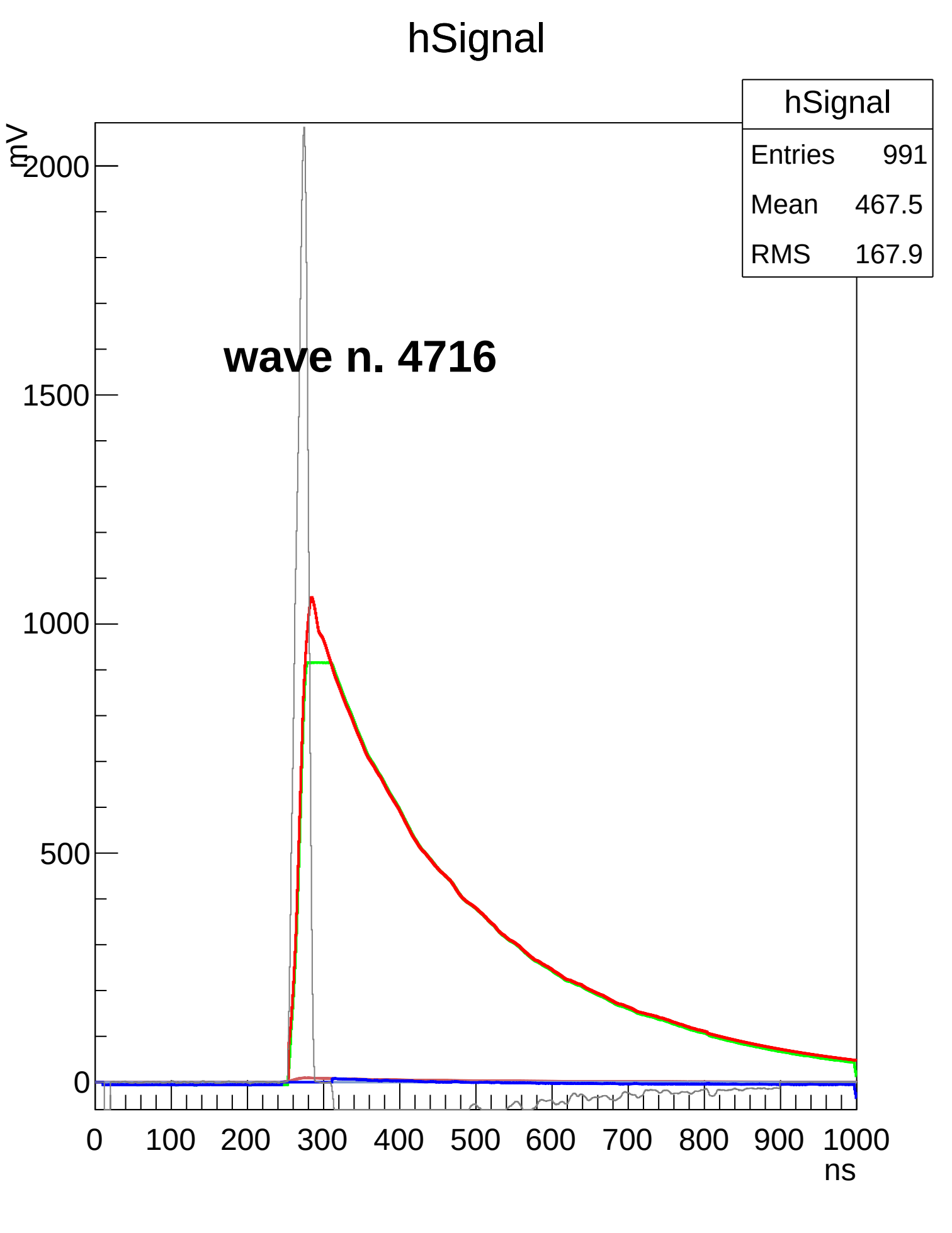

hSignal
hSignal
Entries 991
Mean 534.5
RMS 174.2
wave n. 4711
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 582.4
RMS 146.5
wave n. 4712
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 493
RMS 165.8
wave n. 4713
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576
RMS 148.8
wave n. 4714
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 492.1
RMS 188.5
wave n. 4715
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 467.5
RMS 167.9
wave n. 4716
mV
2000
1500
1000
500
0
0
100
200
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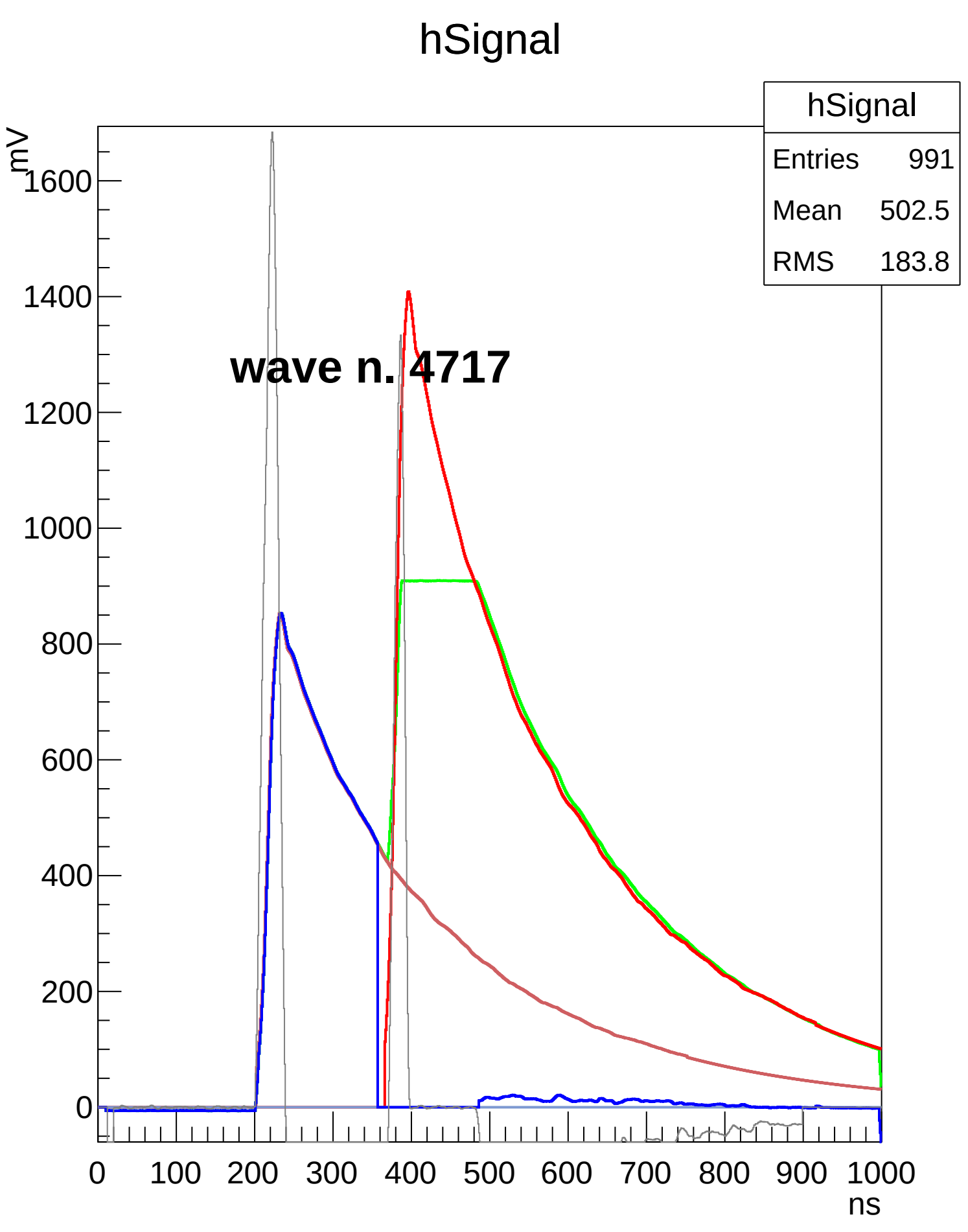
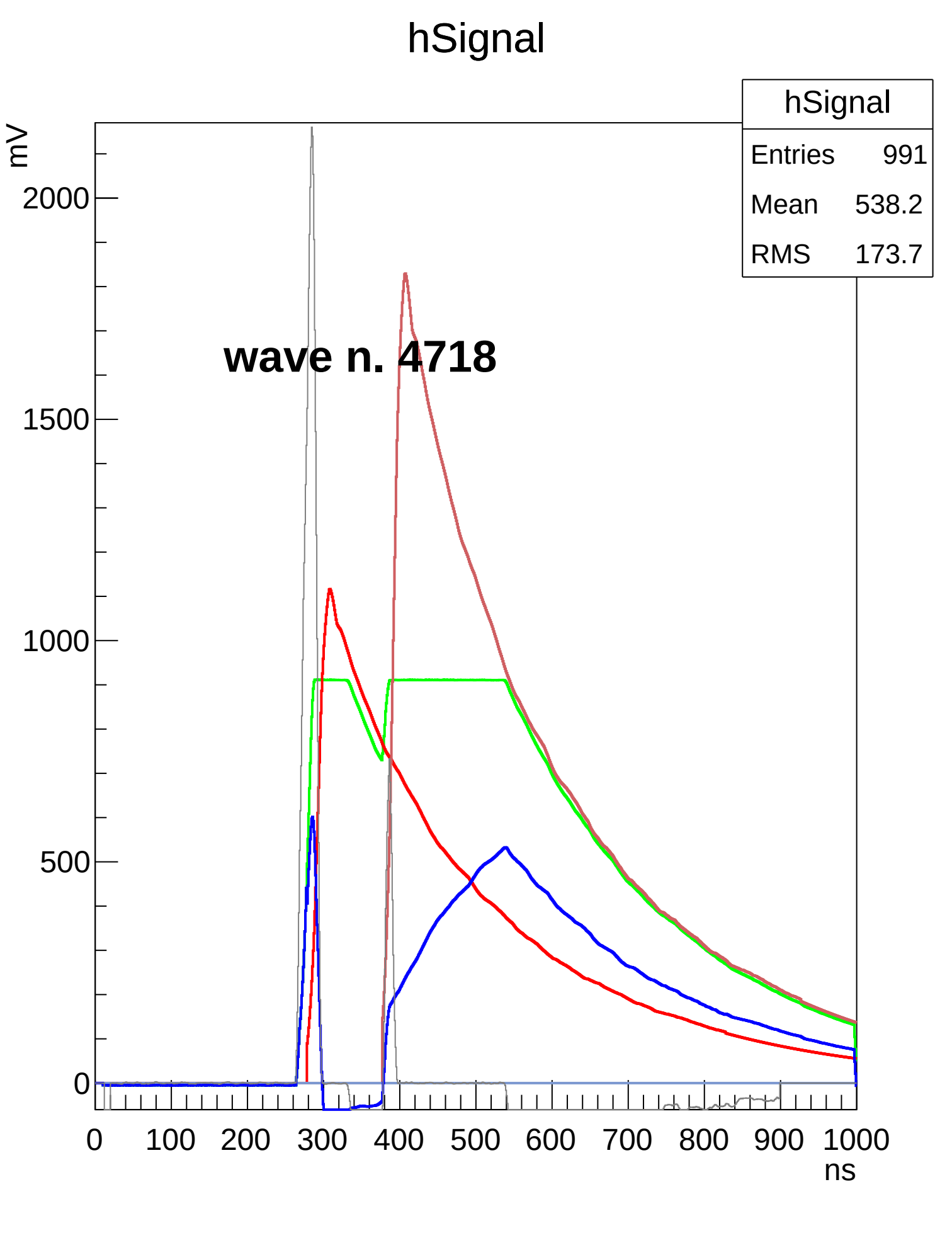
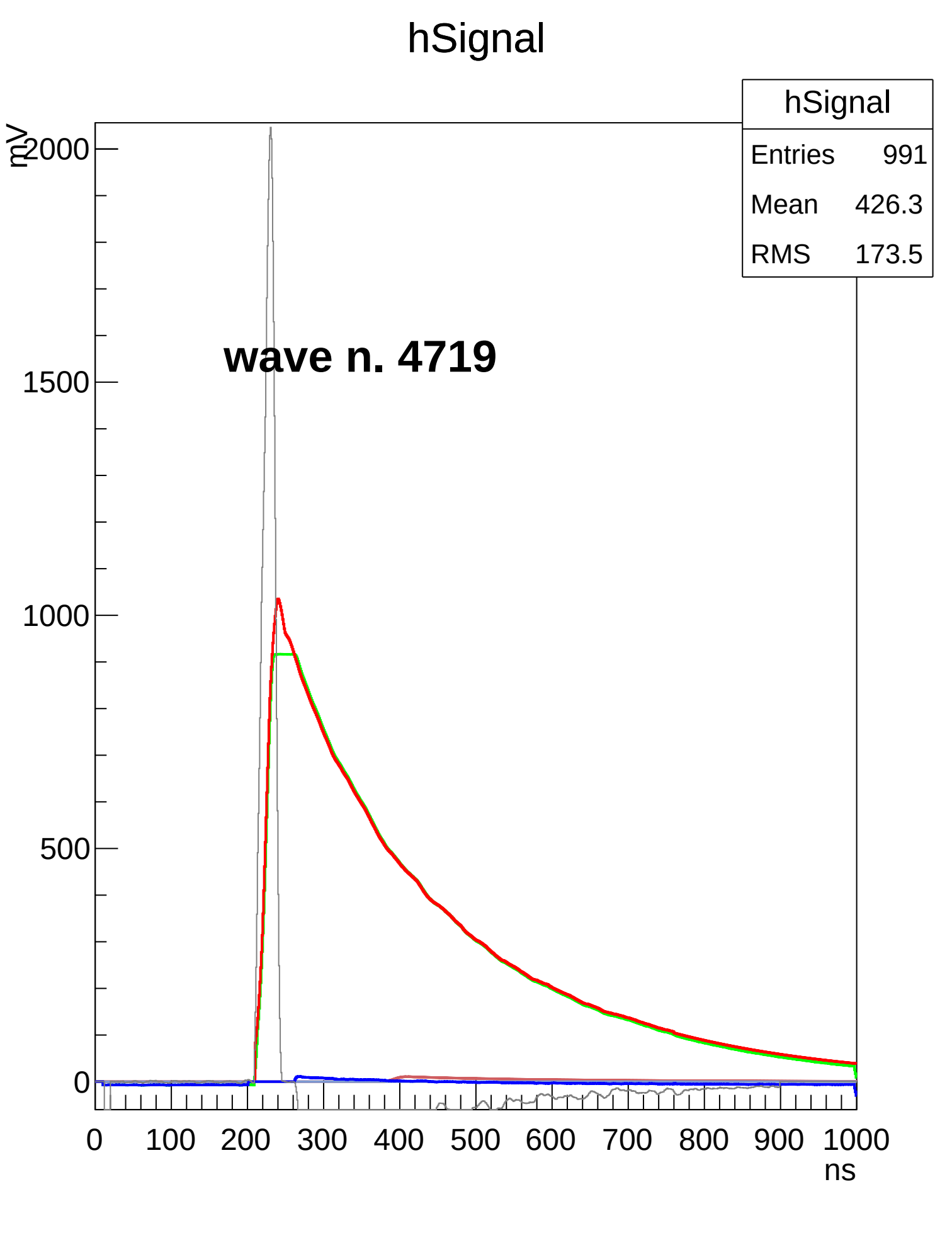
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.5
RMS 183.8
wave n. 4717
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 538.2
RMS 173.7
wave n. 4718
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 426.3
RMS 173.5
wave n. 4719
mV
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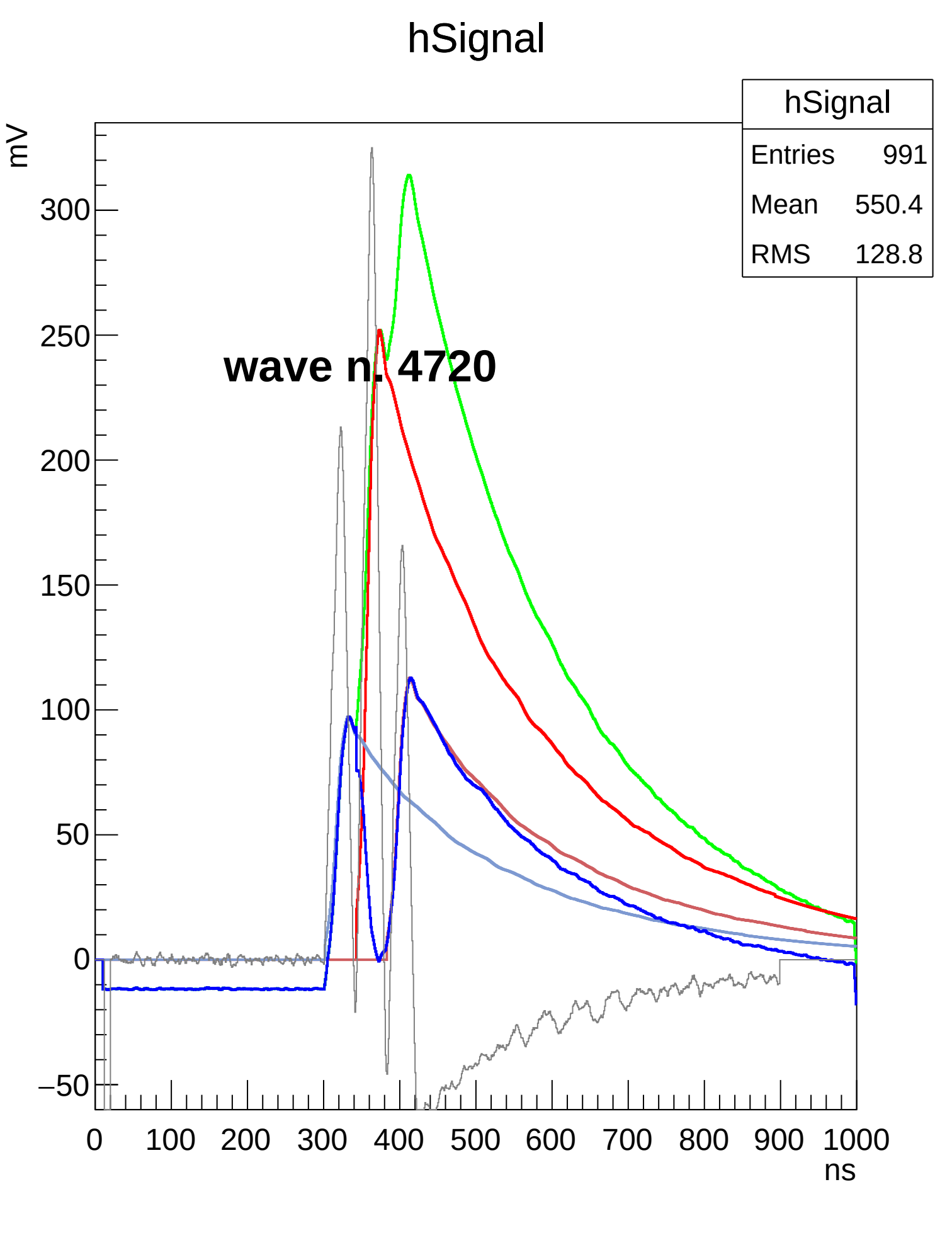
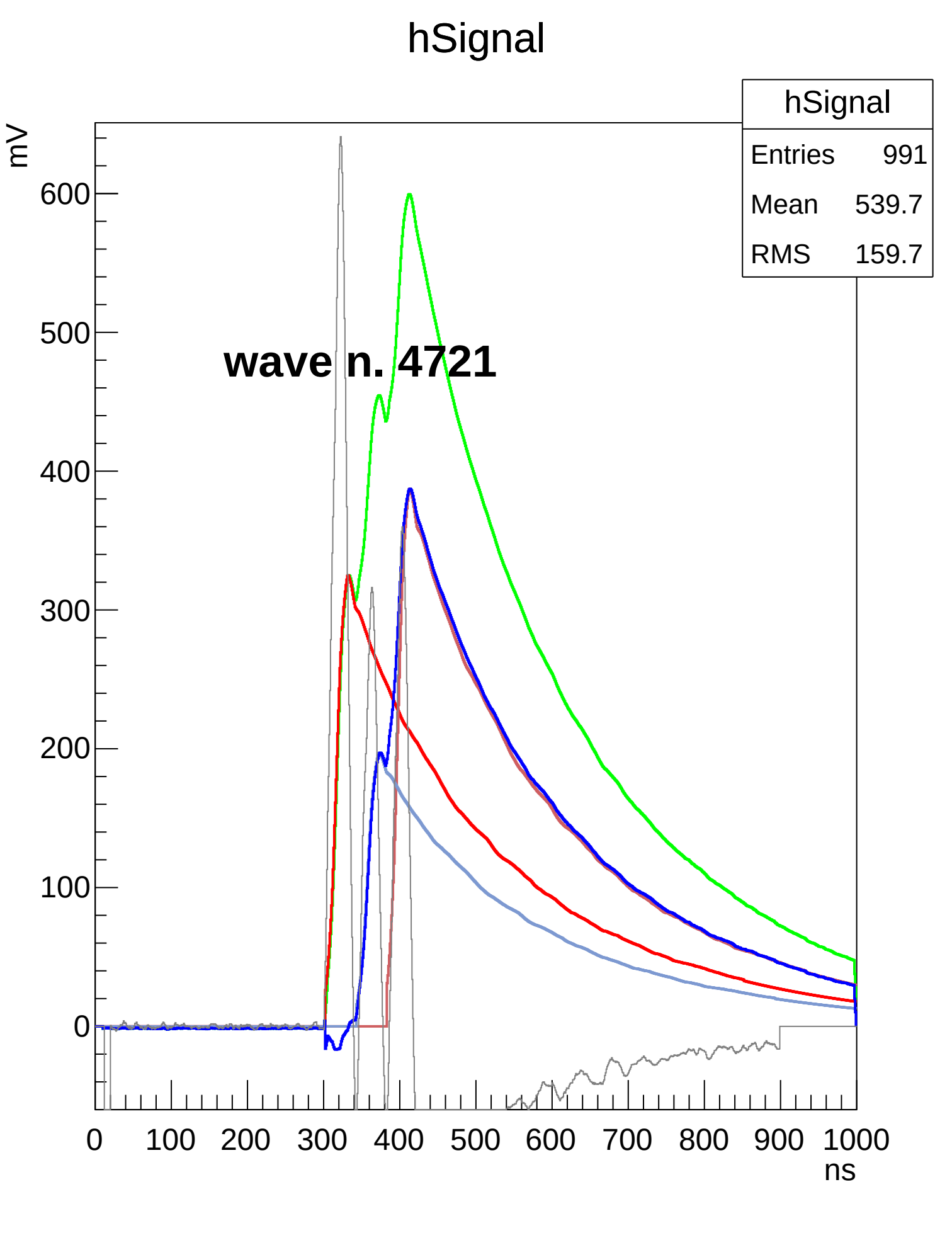
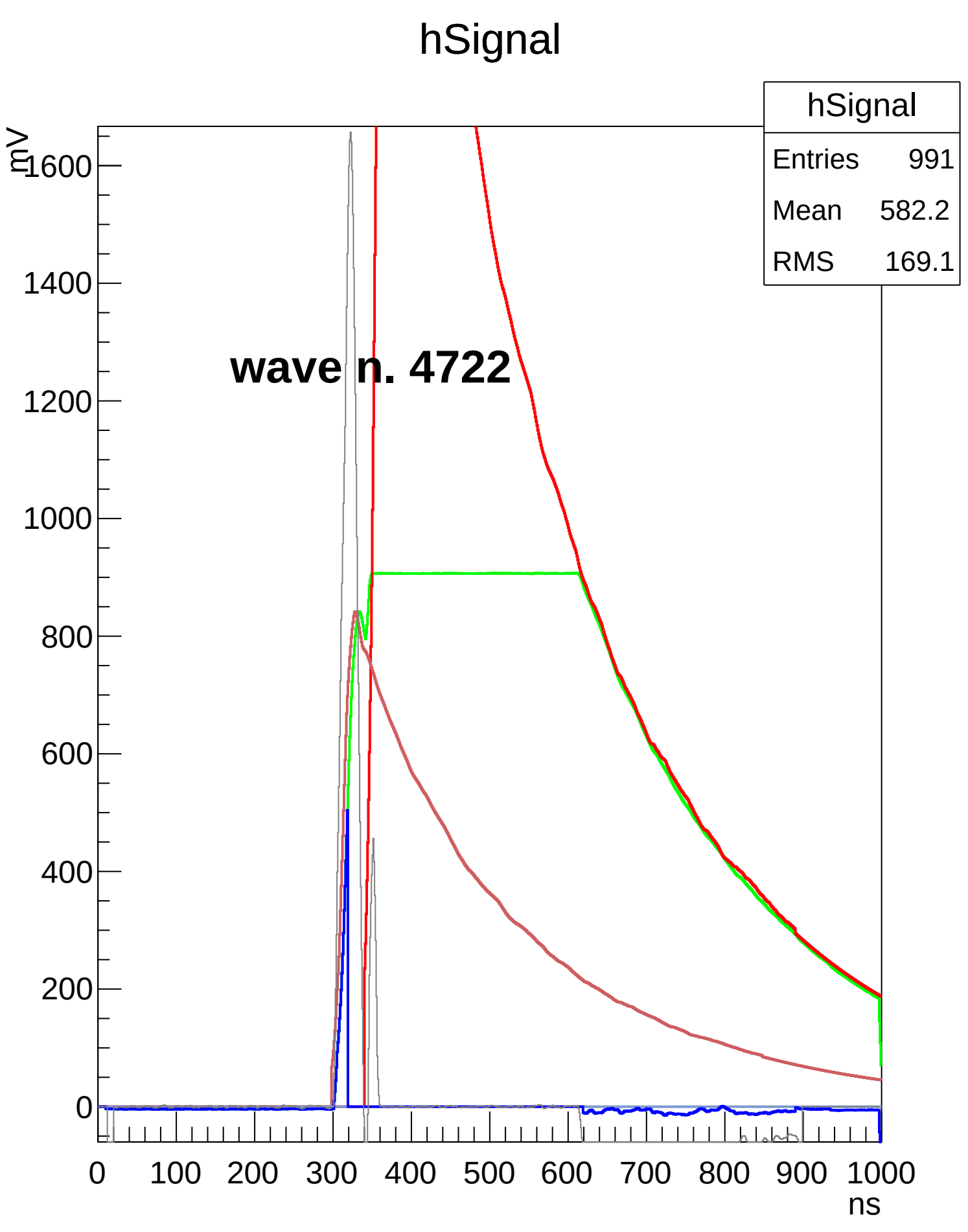
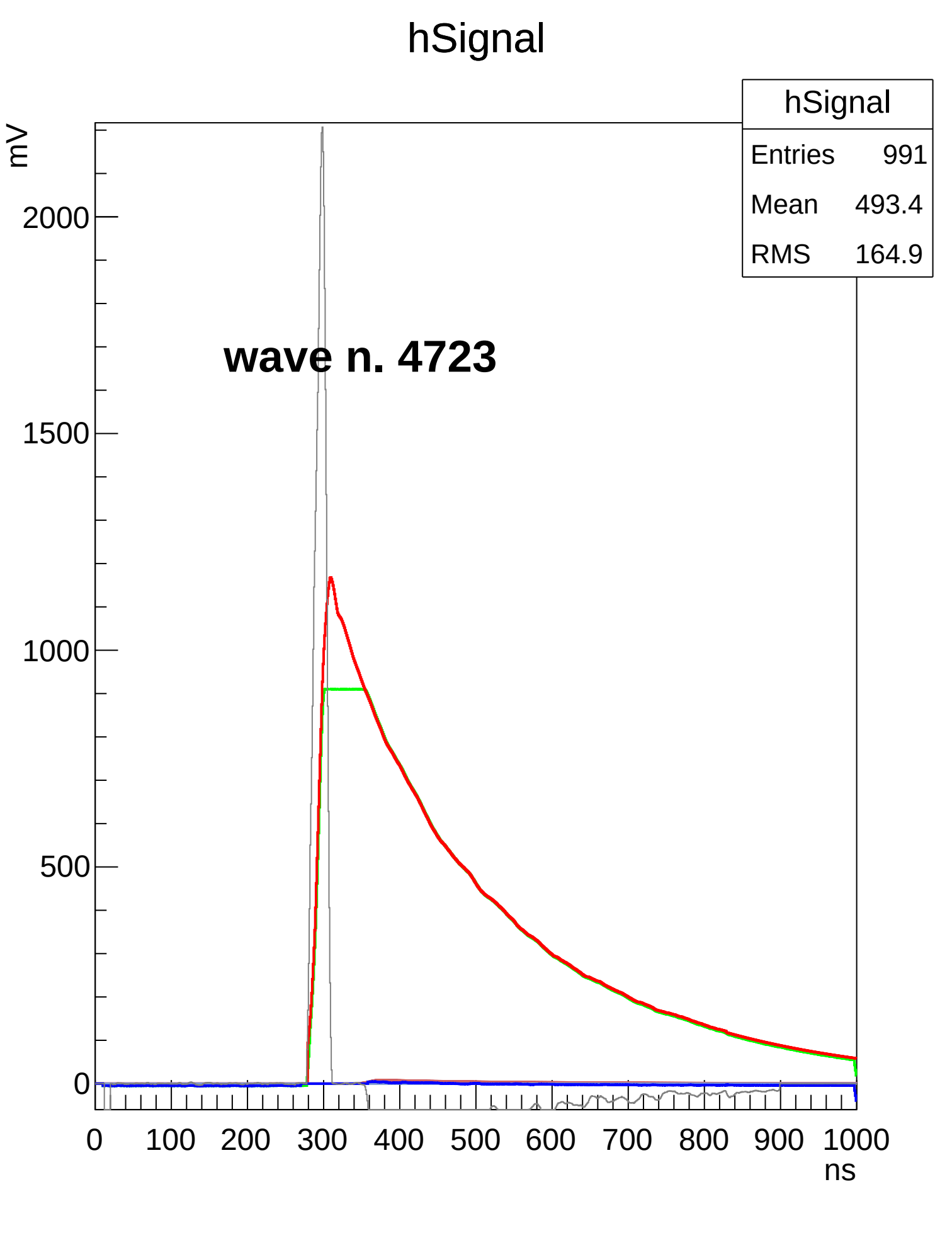
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.4
RMS 128.8
wave n. 4720
mV
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.7
RMS 159.7
wave n. 4721
mV
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 582.2
RMS 169.1
wave n. 4722
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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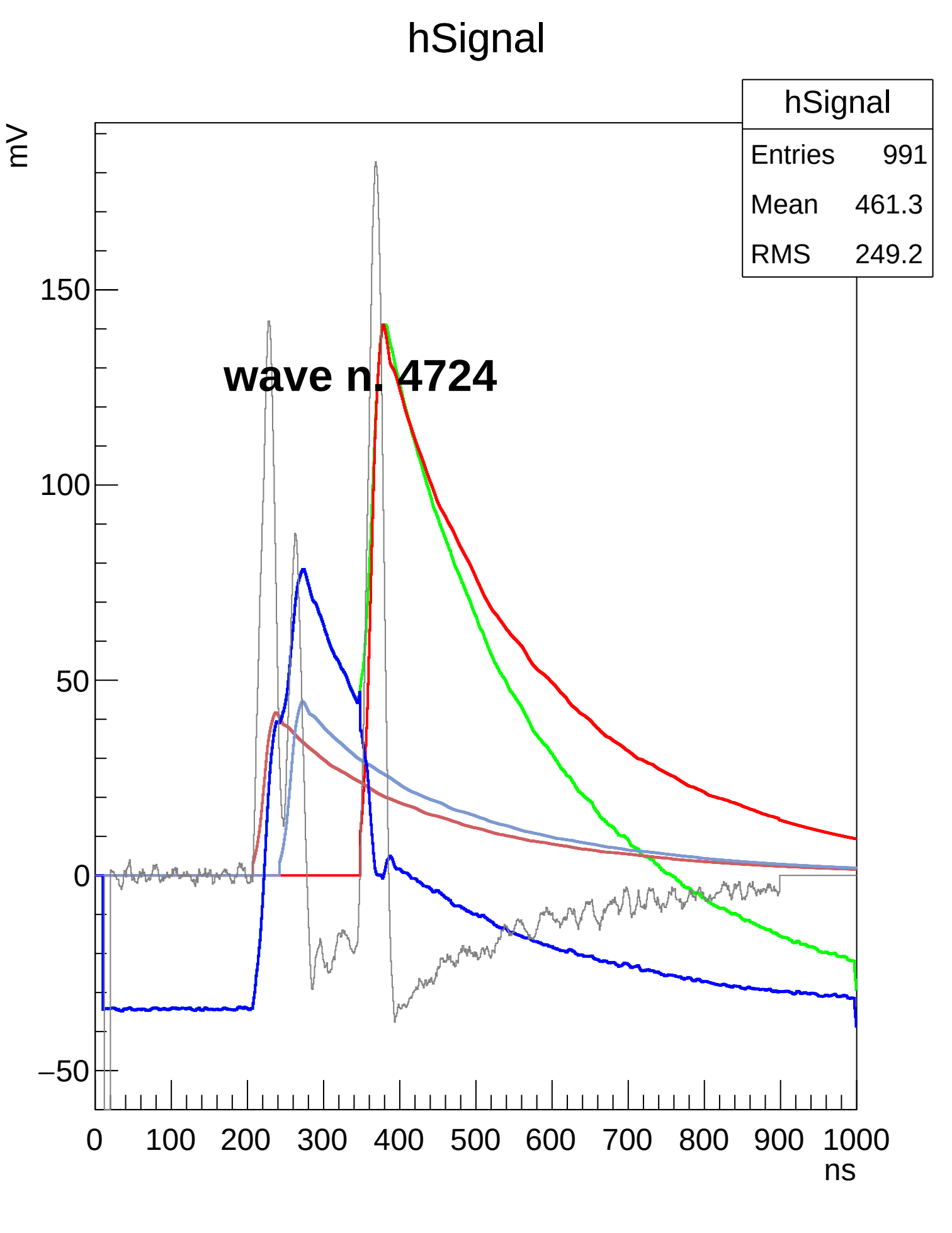
hSignal
Entries 991
Mean 493.4
RMS 164.9
wave n. 4723
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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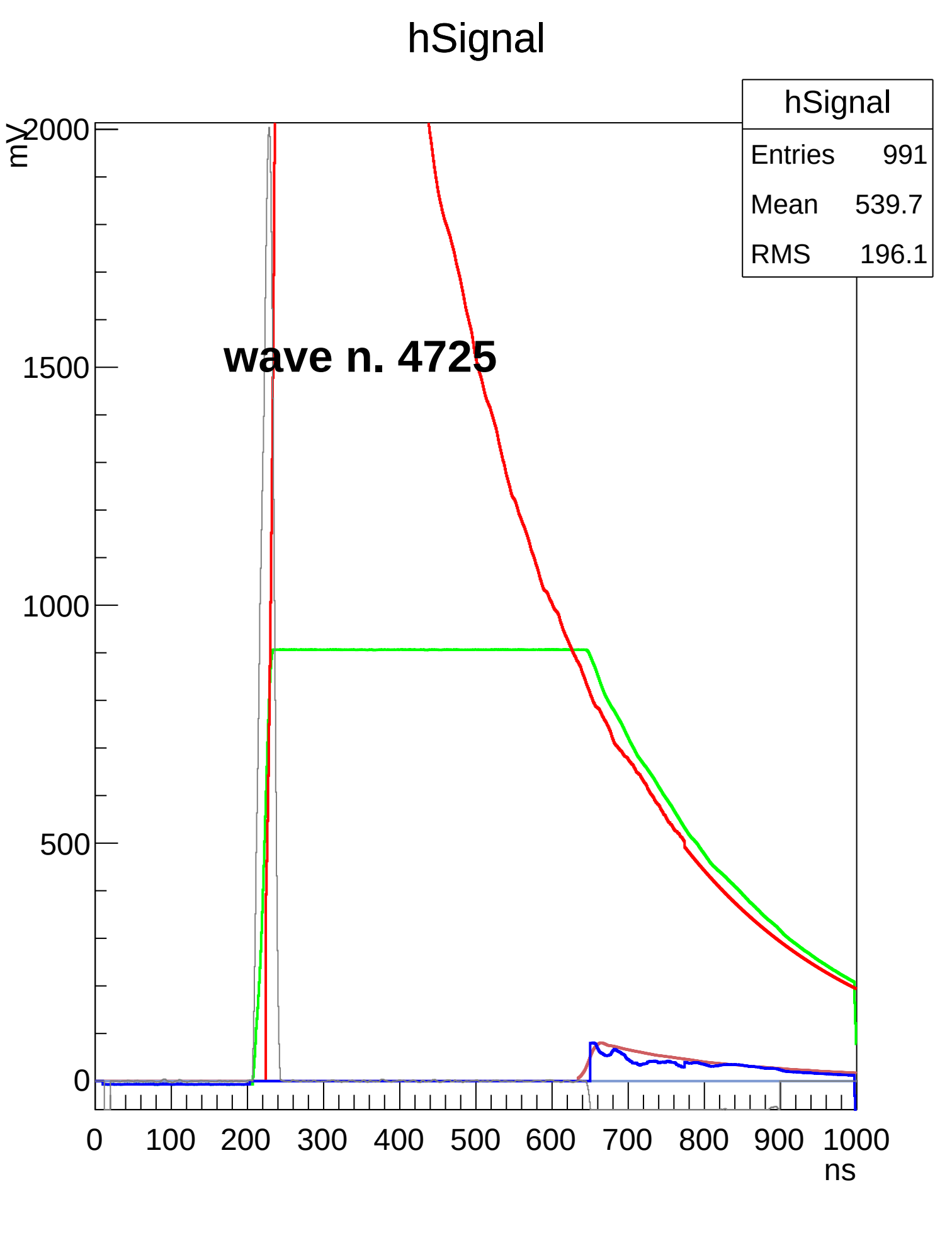
hSignal
Entries 991
Mean 461.3
RMS 249.2
wave n. 4724
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.7
RMS 196.1
wave n. 4725
mV
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1500
1000
500
0
0
100
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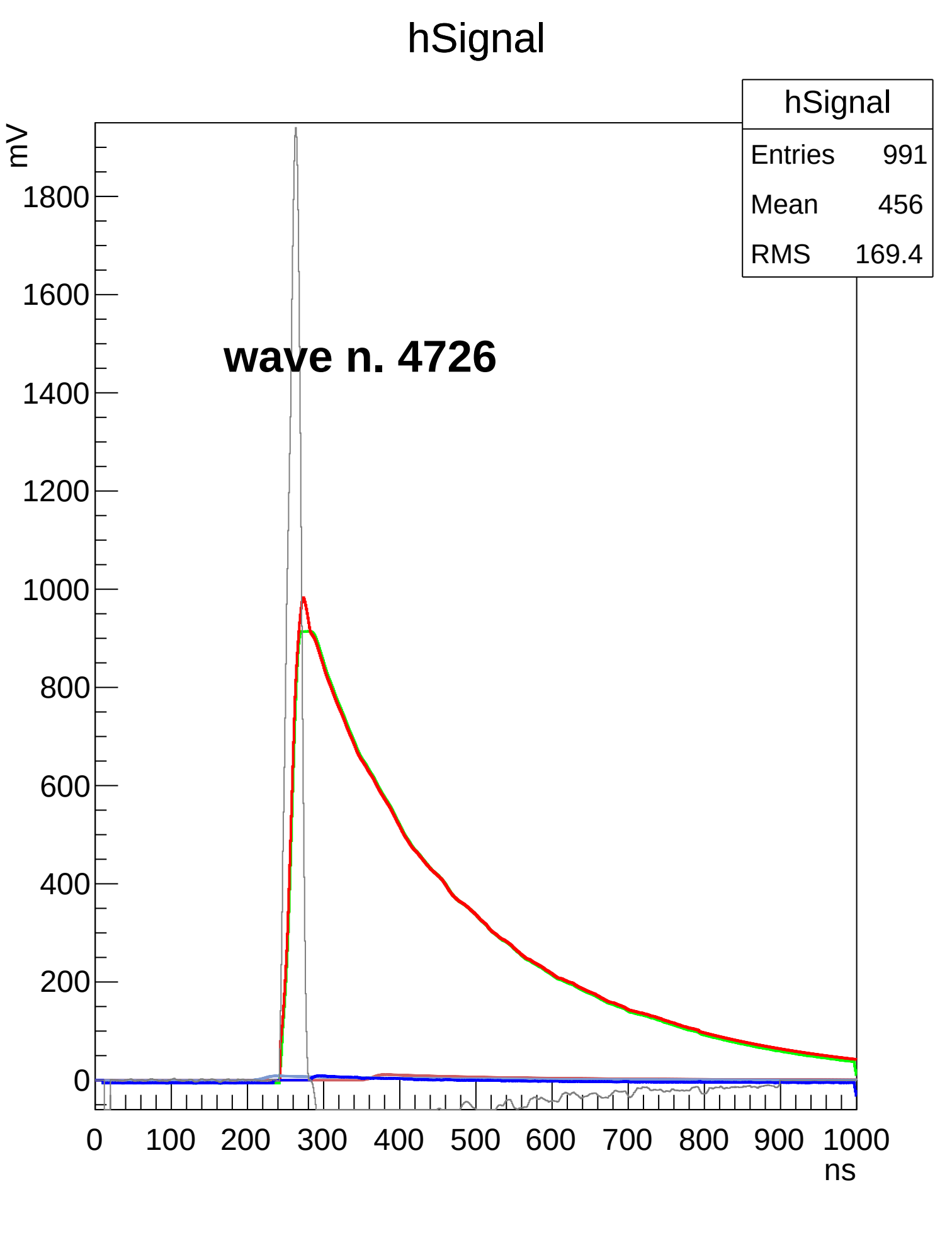
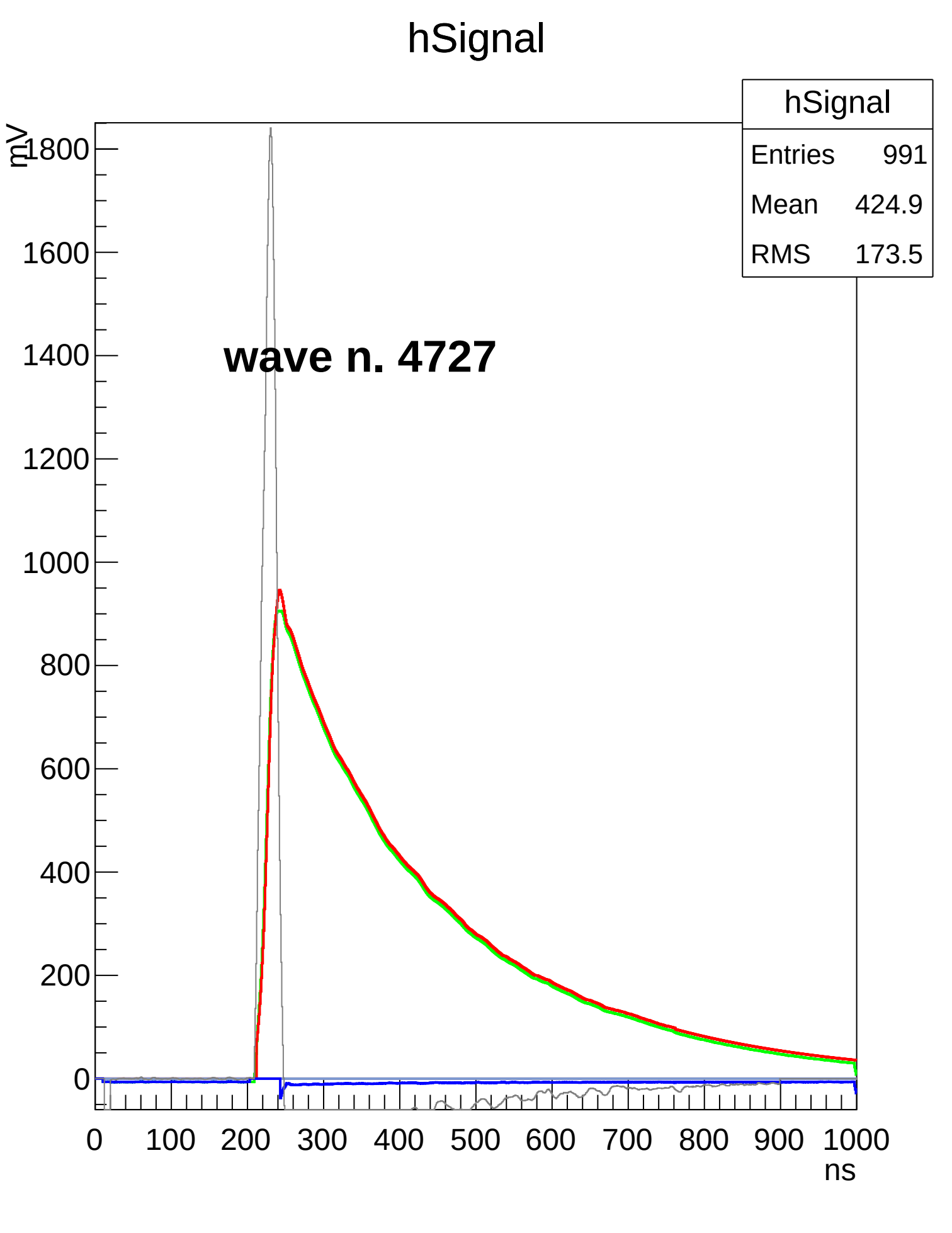
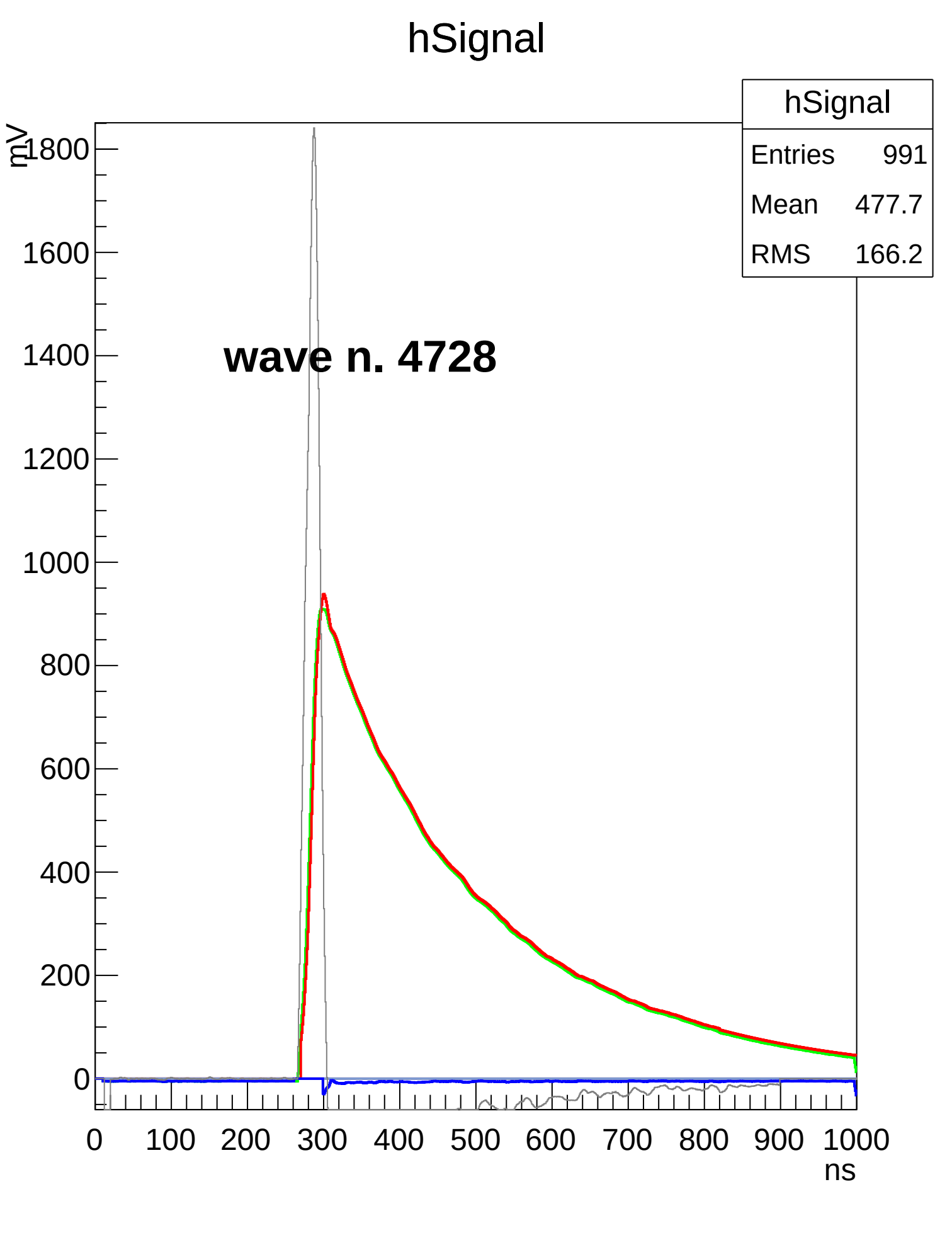
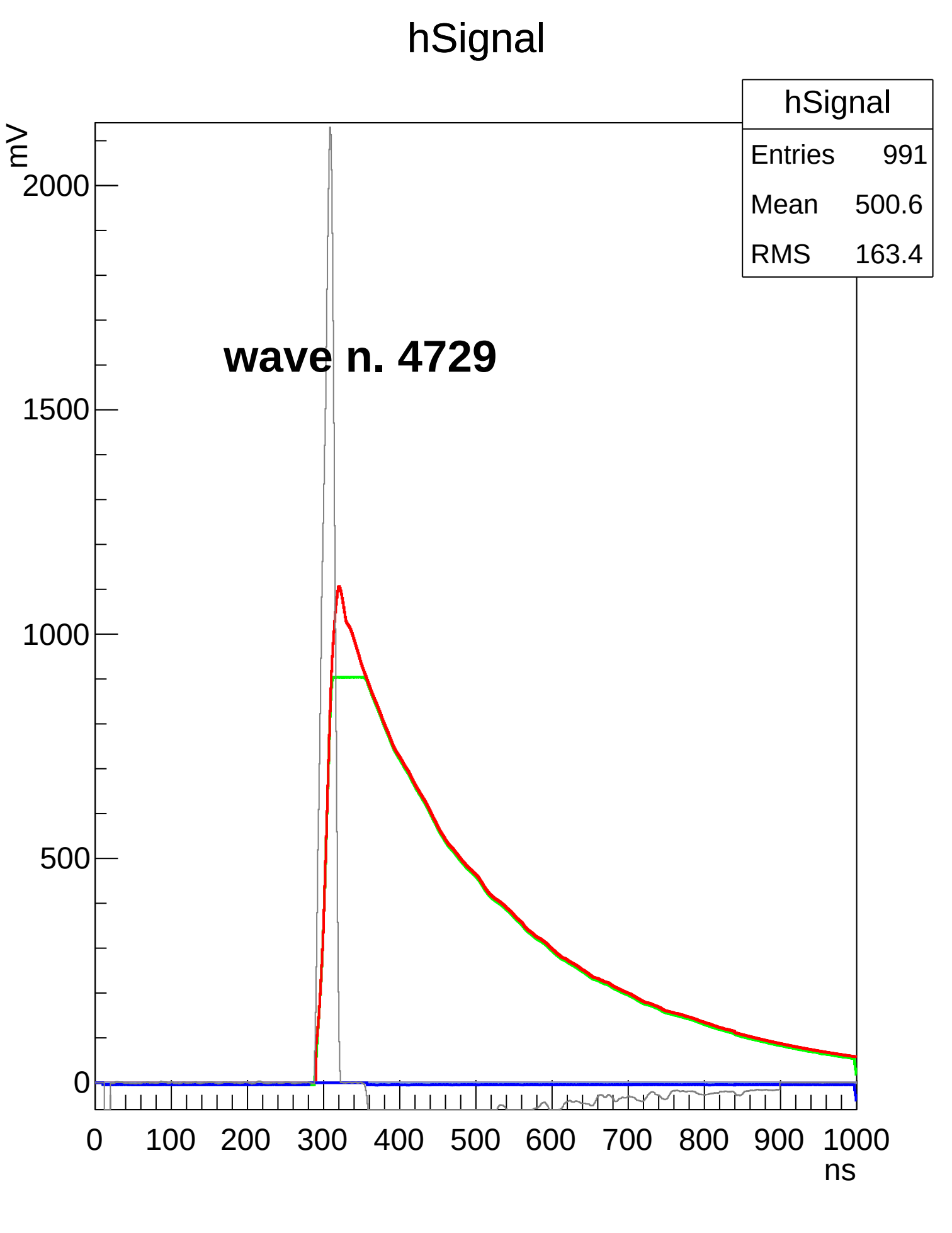
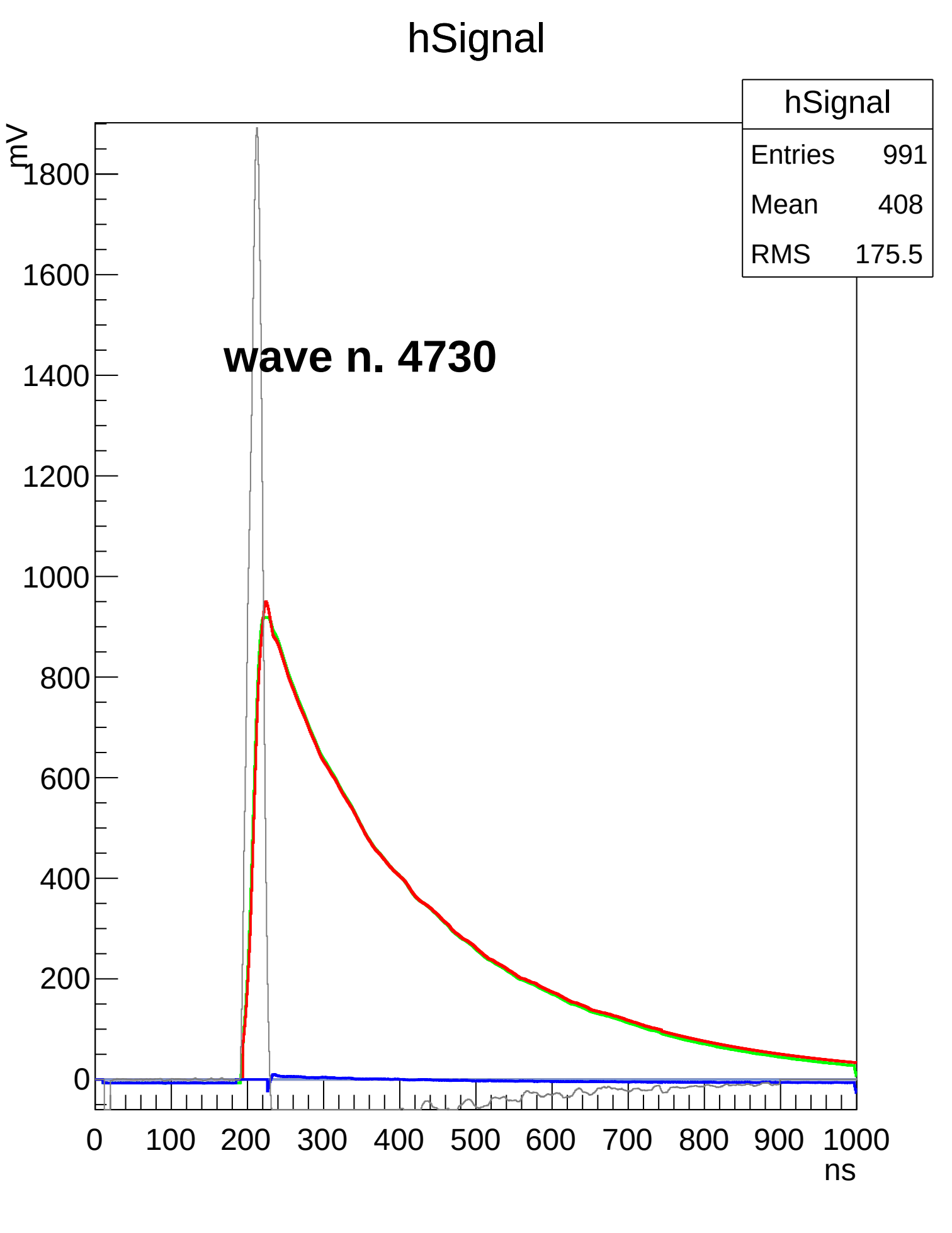
800
900
1000
ns

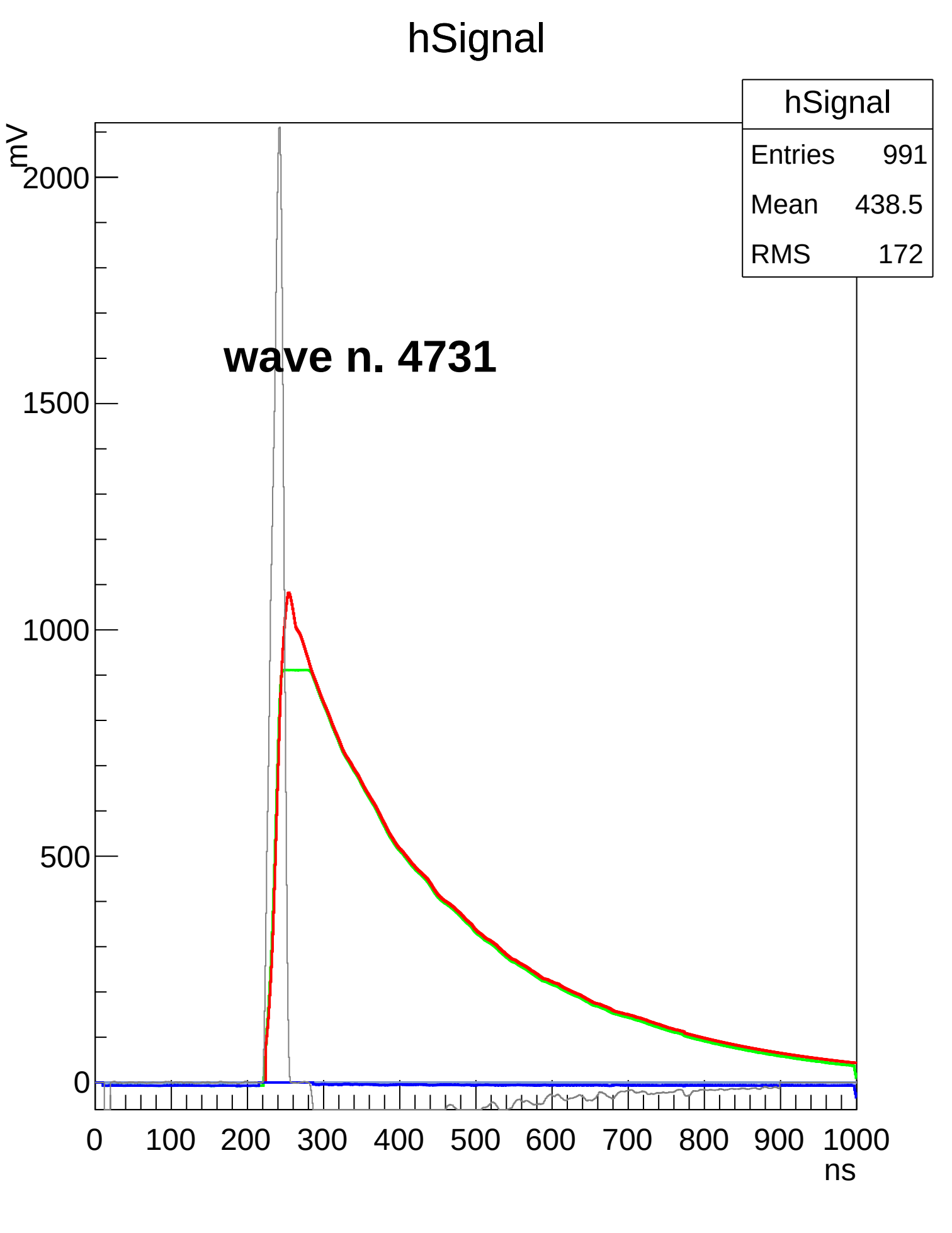

hSignal
hSignal
Entries 991
Mean 456
RMS 169.4
wave n. 4726
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

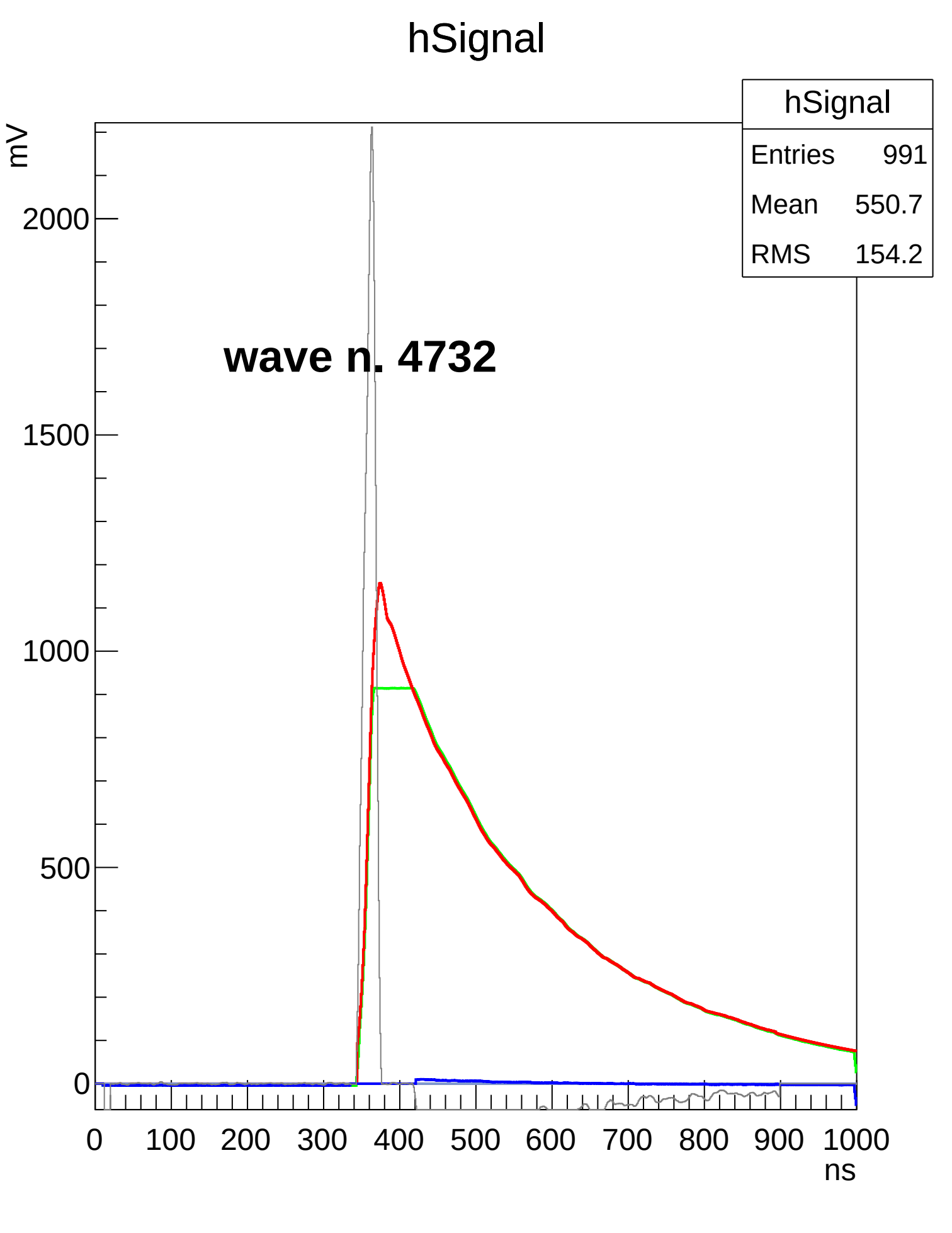

hSignal
hSignal
Entries 991
Mean 424.9
RMS 173.5
wave n. 4727
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 477.7
RMS 166.2
wave n. 4728
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 500.6
RMS 163.4
wave n. 4729
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 408
RMS 175.5
wave n. 4730
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 438.5
RMS 172
wave n. 4731
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.7
RMS 154.2
wave n. 4732
mV
2000
1500
1000
500
0
0
100
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500
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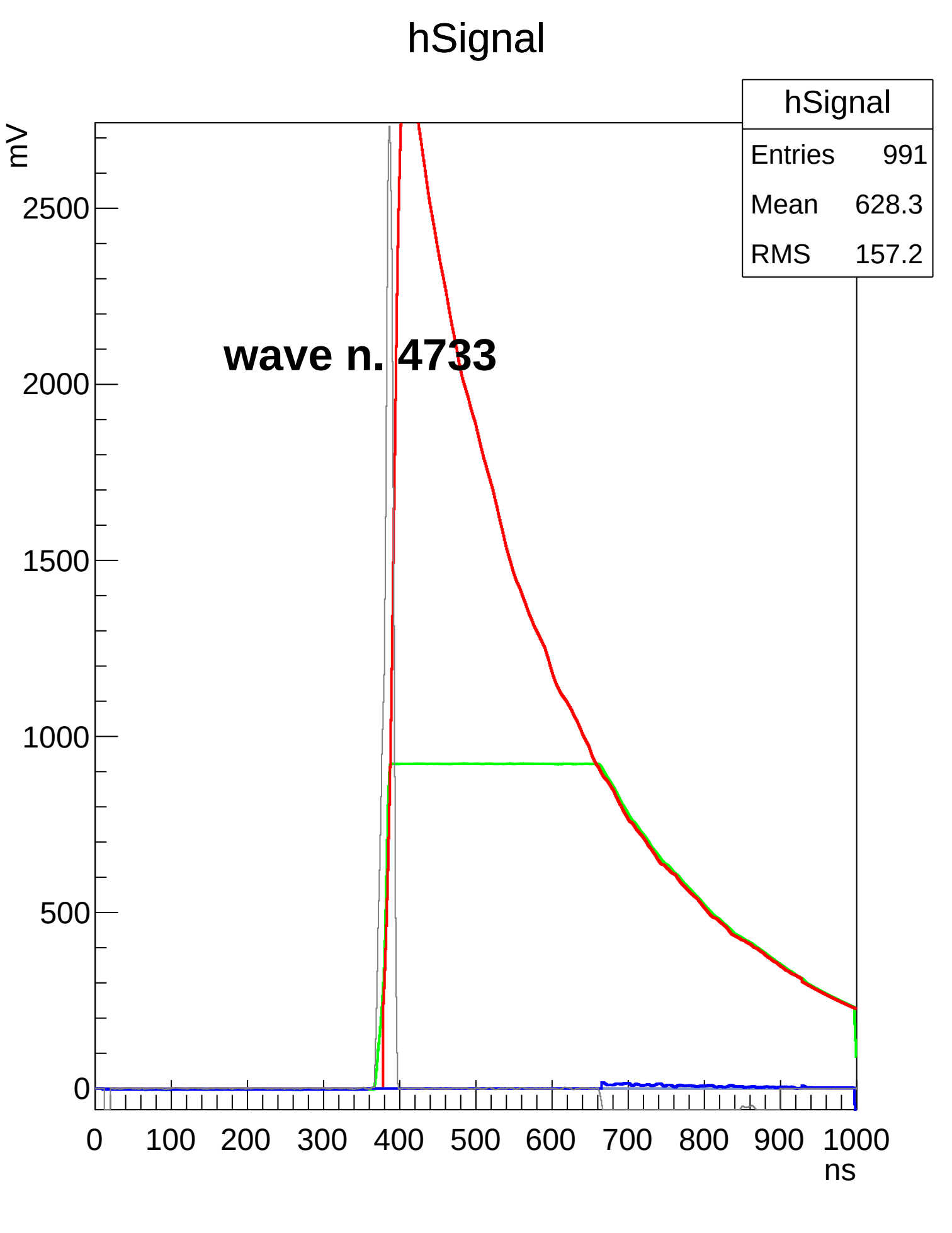
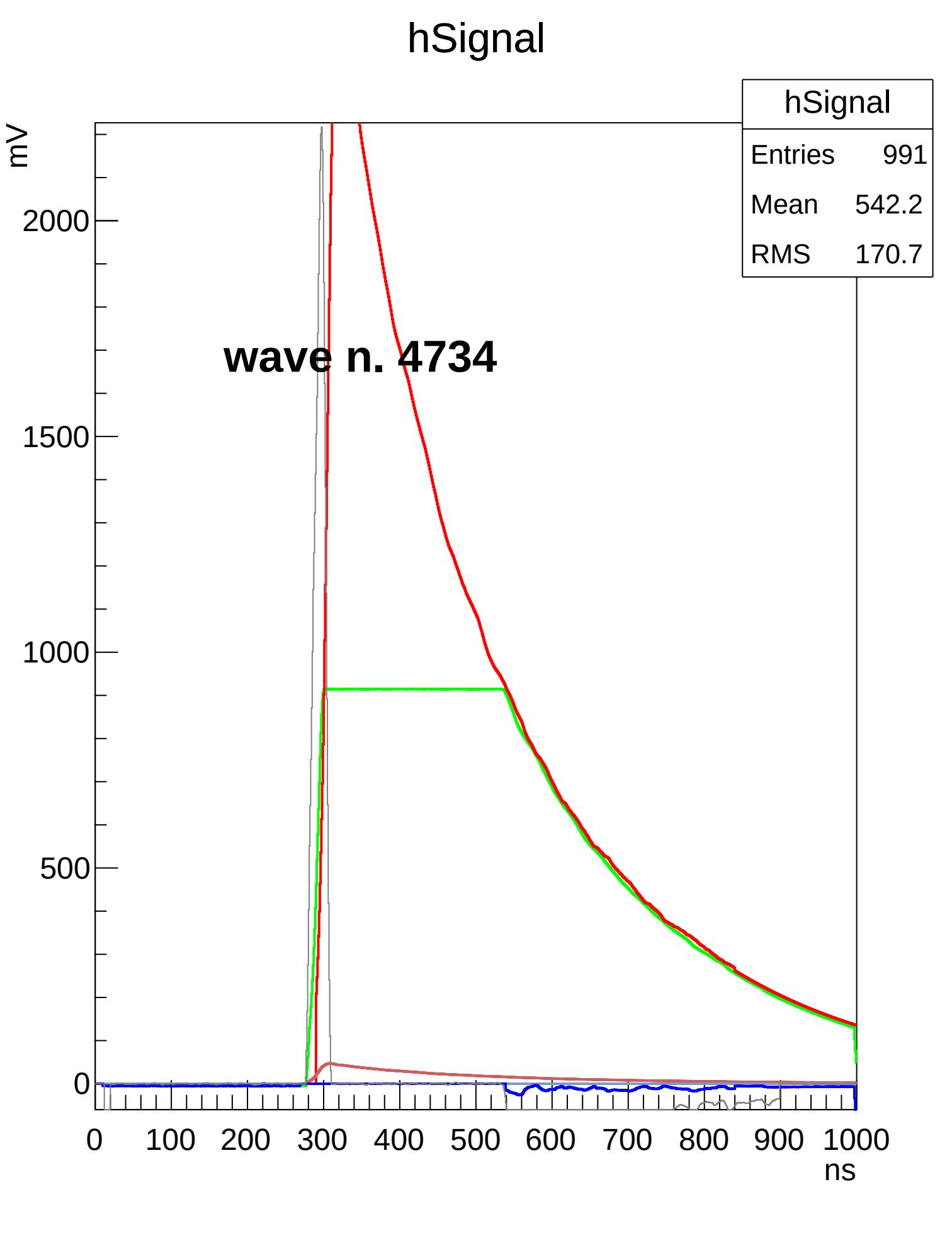
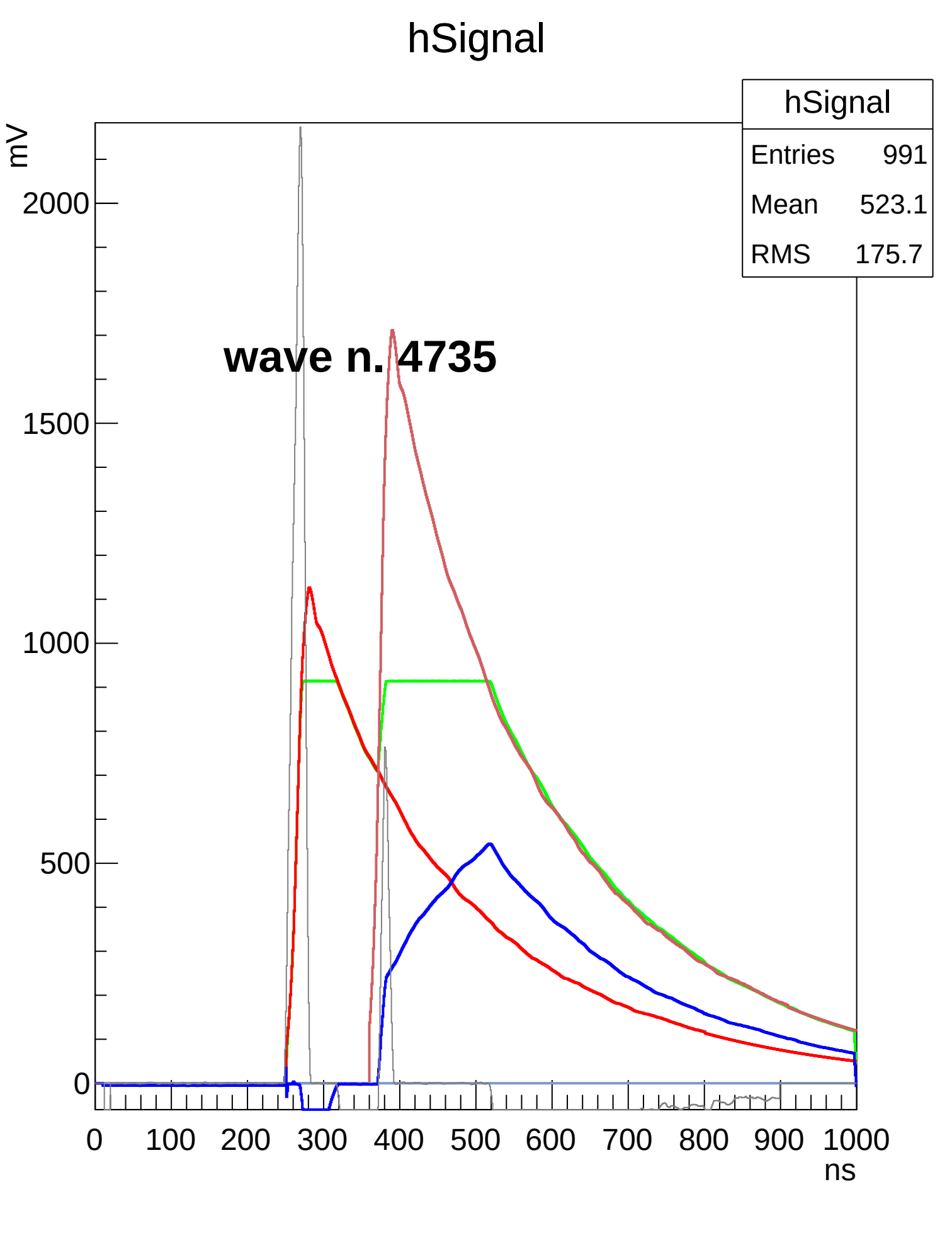
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 628.3
RMS 157.2
wave n. 4733
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 542.2
RMS 170.7
wave n. 4734
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 523.1
RMS 175.7
wave n. 4735
mV
2000
1500
1000
500
0
0
100
200
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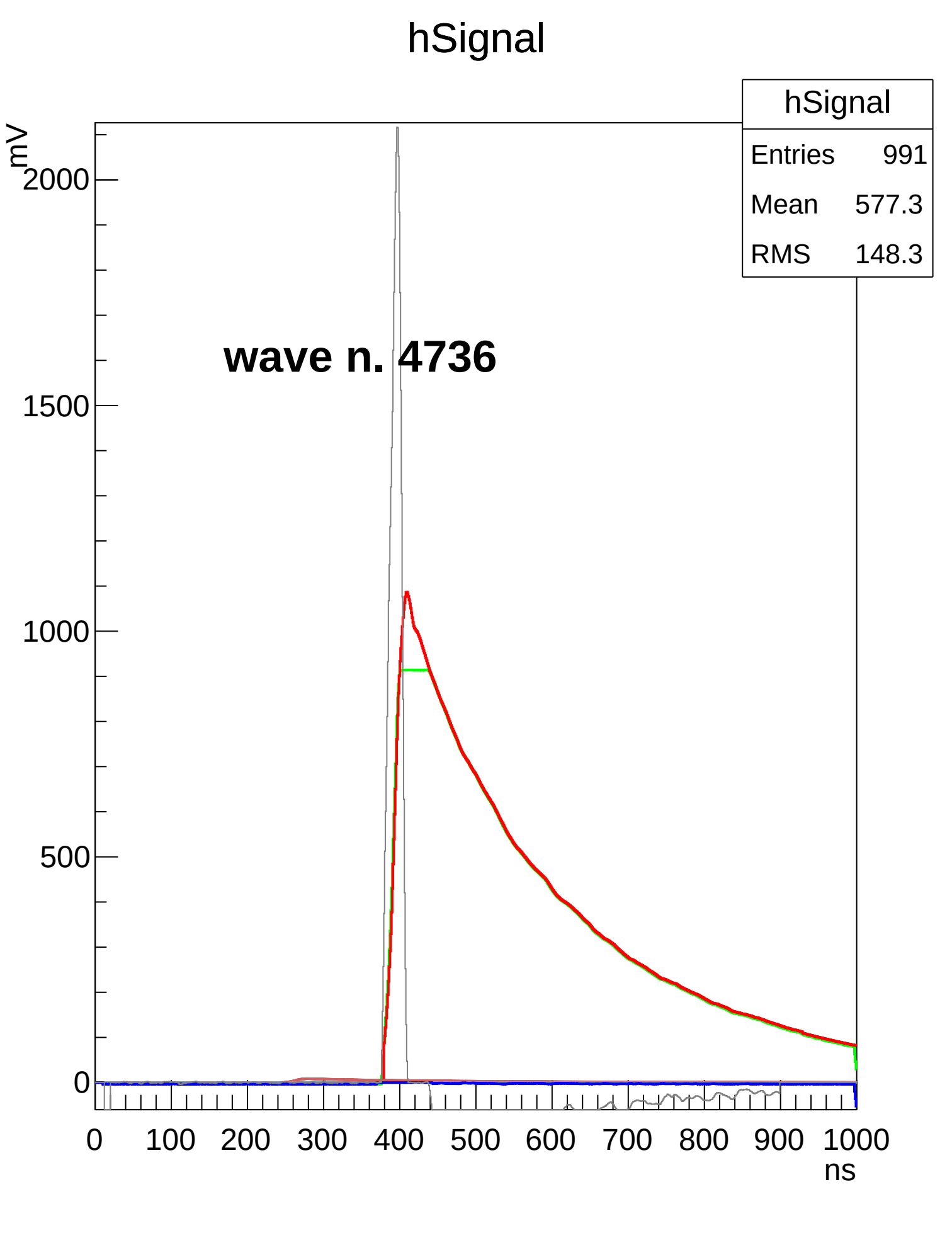
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.3
RMS 148.3
wave n. 4736
mV
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1500
1000
500
0
0
100
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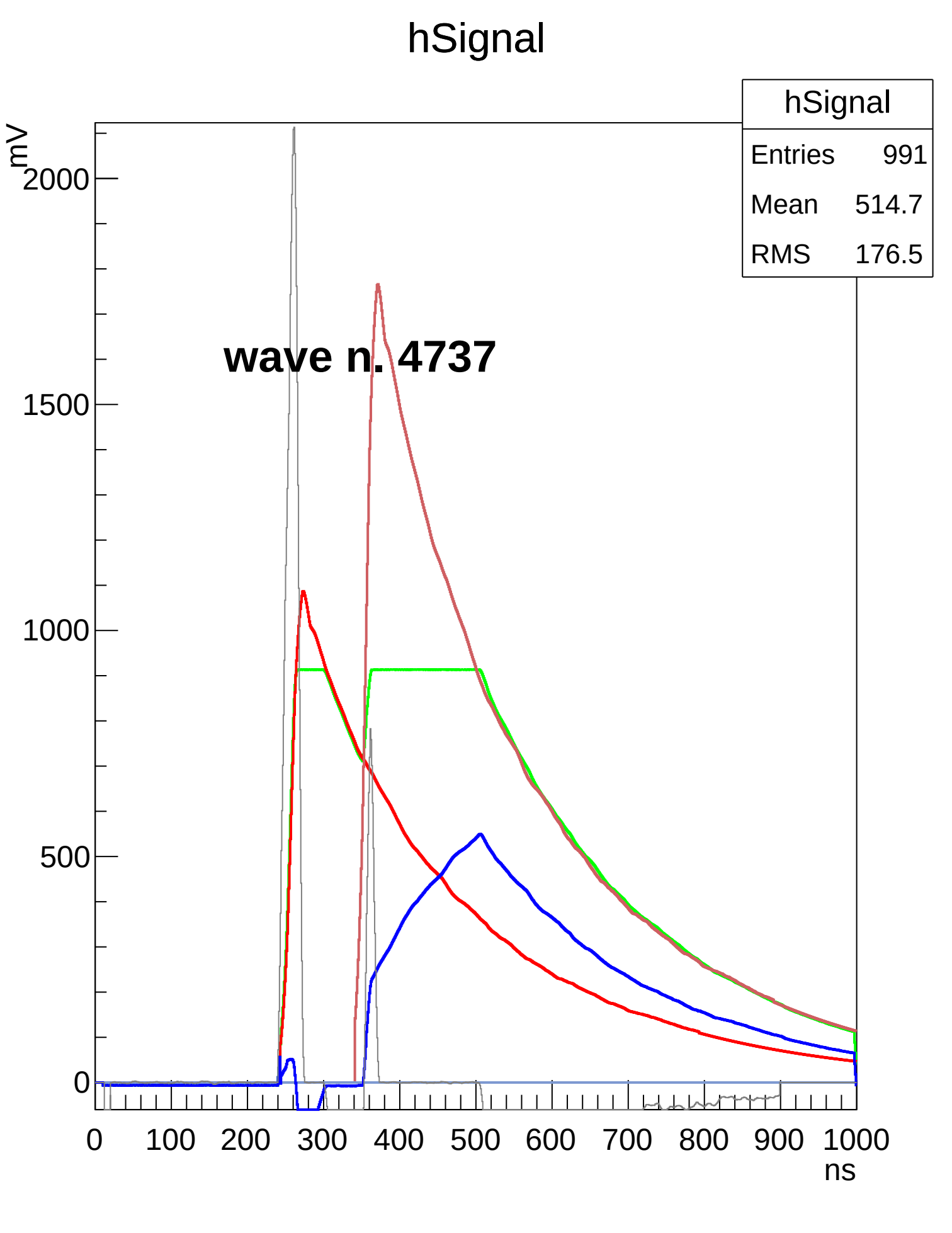
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 514.7
RMS 176.5
wave n. 4737
mV
2000
1500
1000
500
0
0
100
200
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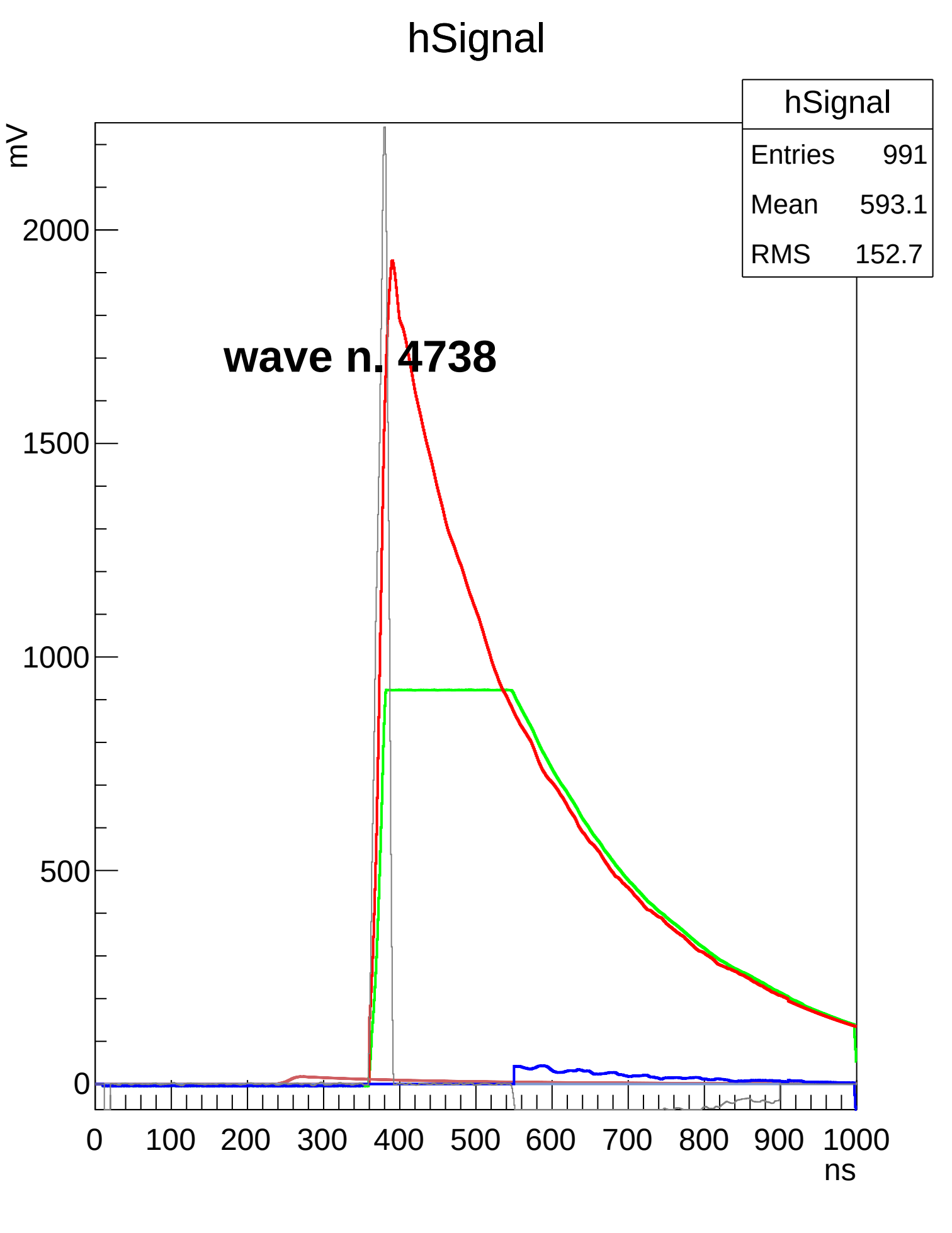
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 593.1
RMS 152.7
wave n. 4738
mV
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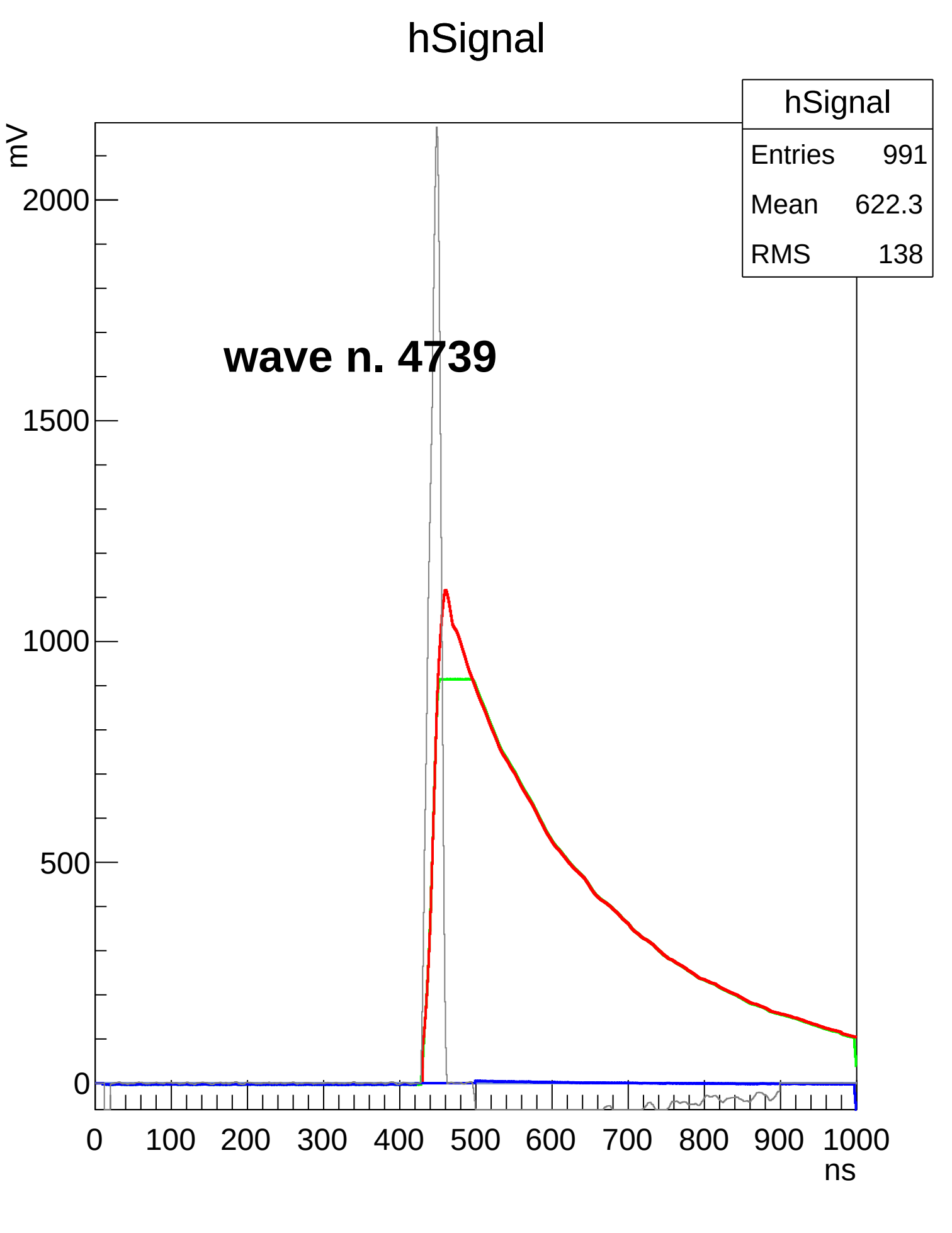
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 622.3
RMS 138
wave n. 4739
mV
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1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
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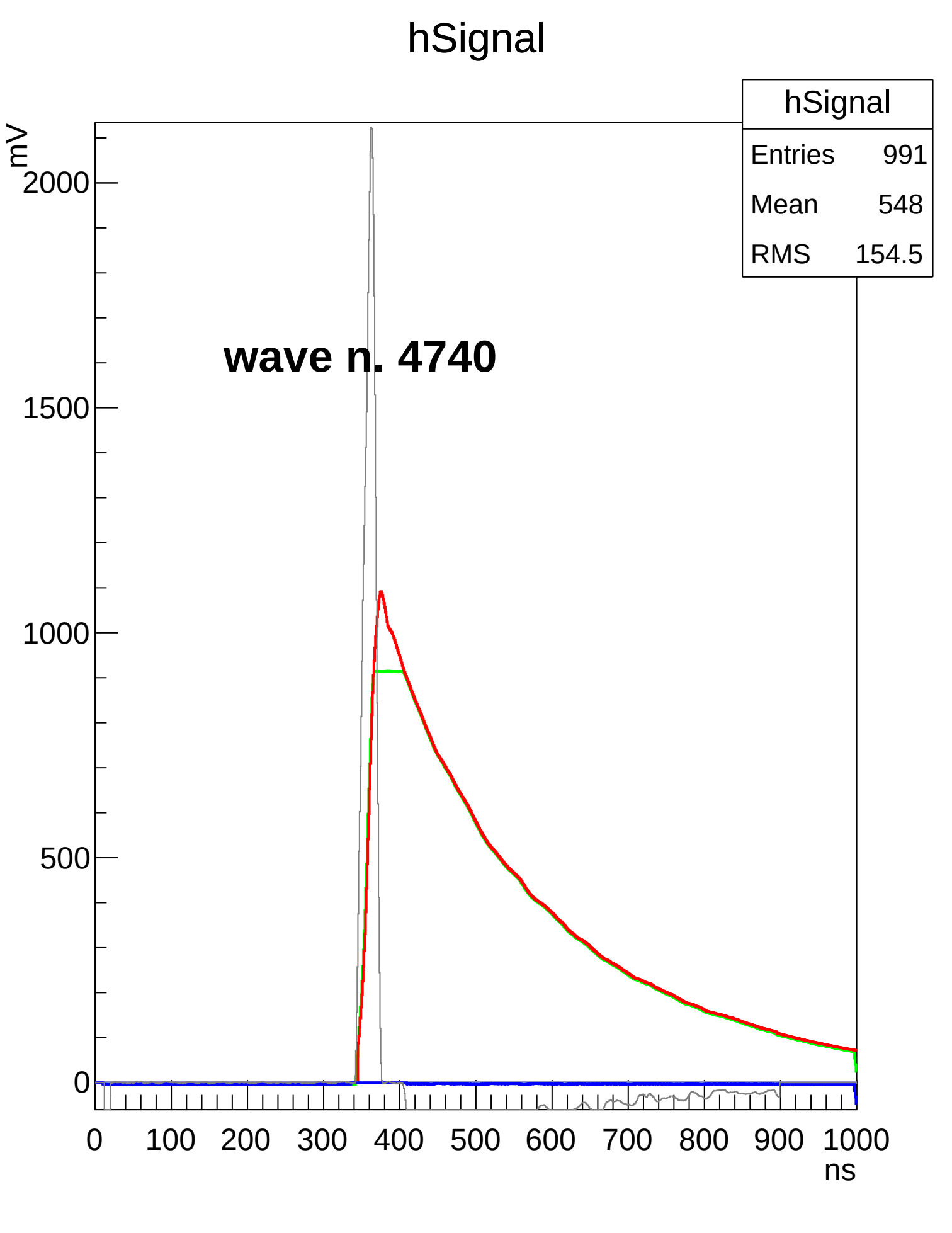
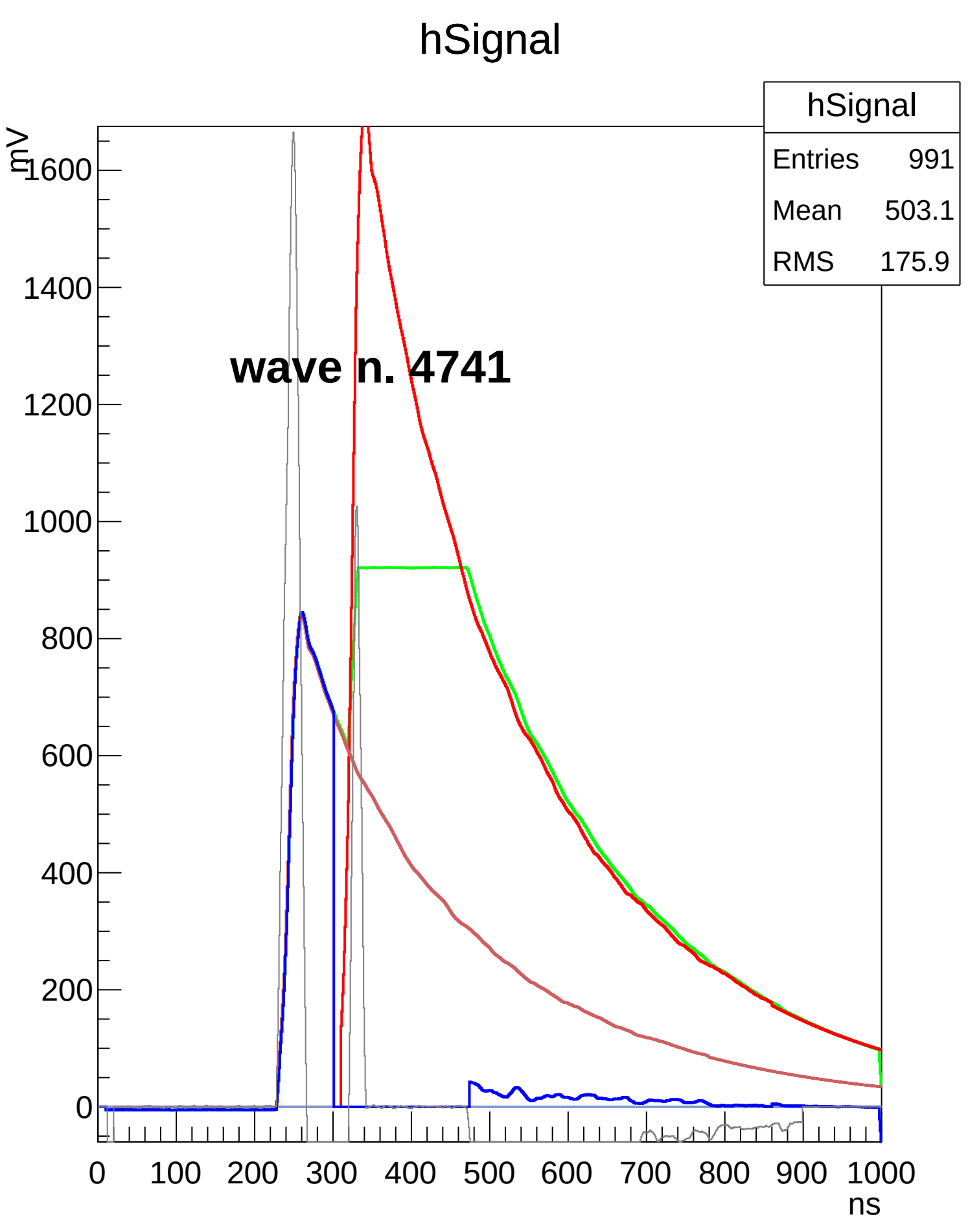

hSignal
hSignal
Entries 991
Mean 548
RMS 154.5
wave n. 4740
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 503.1
RMS 175.9
wave n. 4741
mV
1600
1400
1200
1000
800
600
400
200
0
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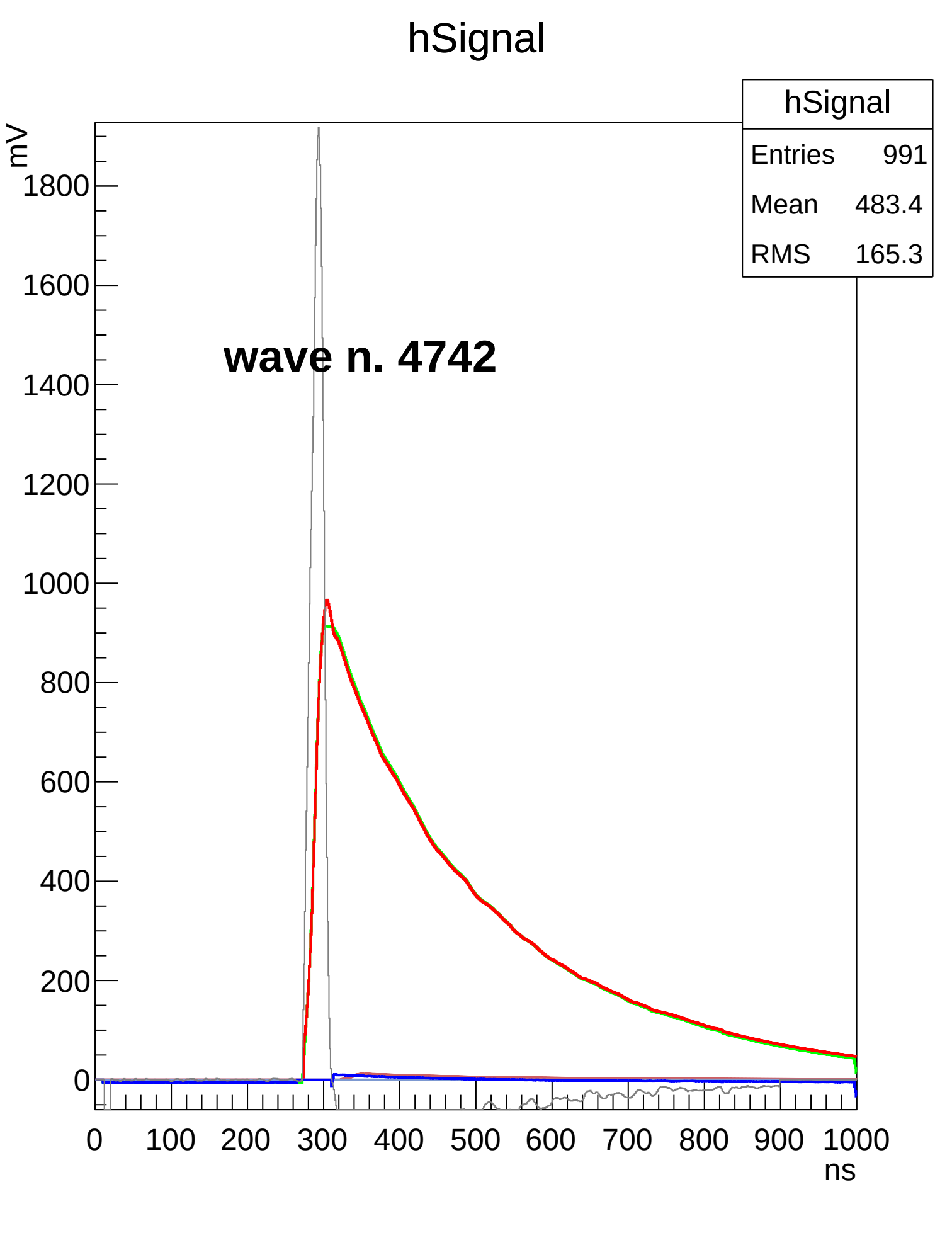
ns


hSignal
hSignal
Entries 991
Mean 483.4
RMS 165.3
wave n. 4742
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
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400
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800
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1000
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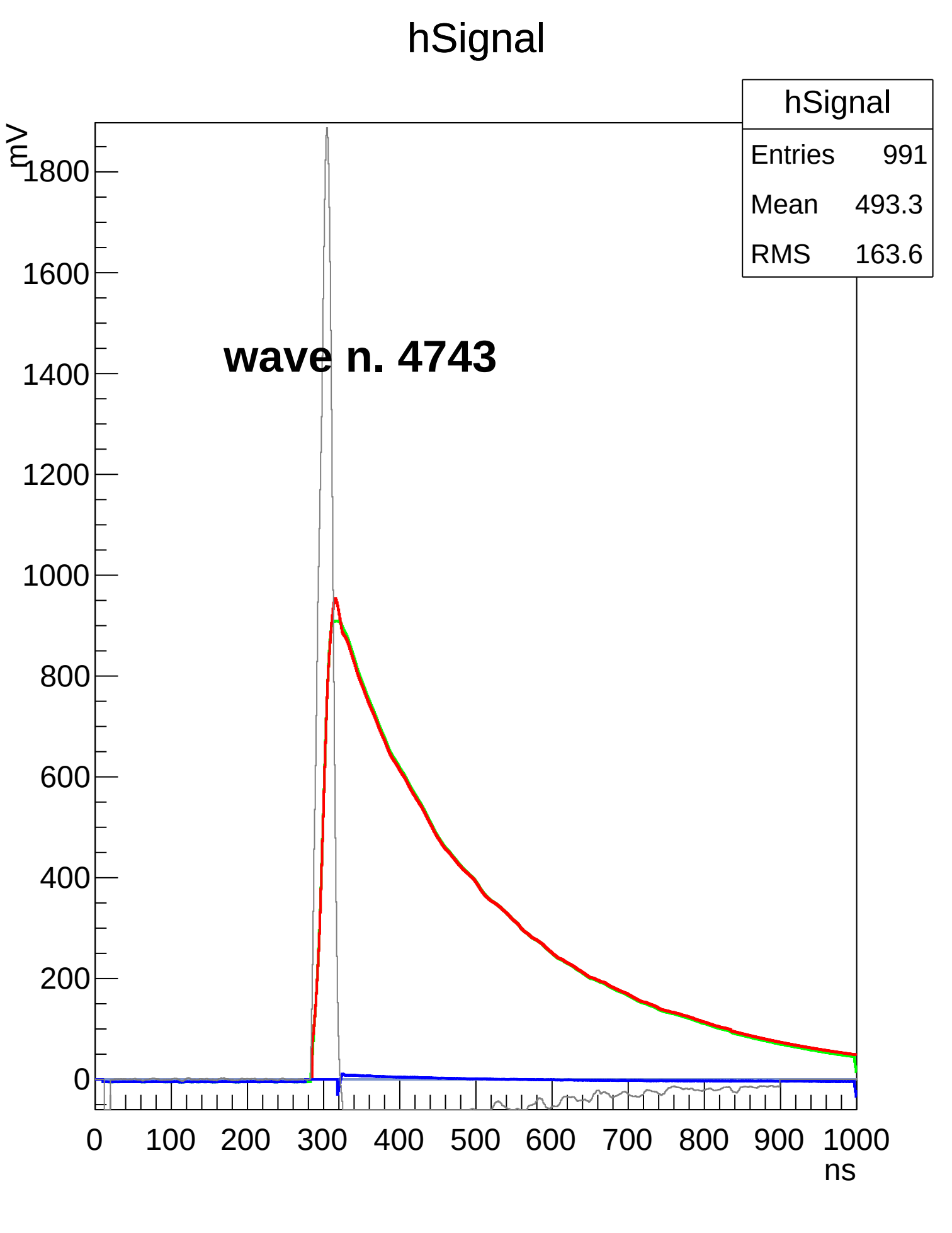
hSignal
hSignal
Entries 991
Mean 493.3
RMS 163.6
wave n. 4743
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
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400
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800
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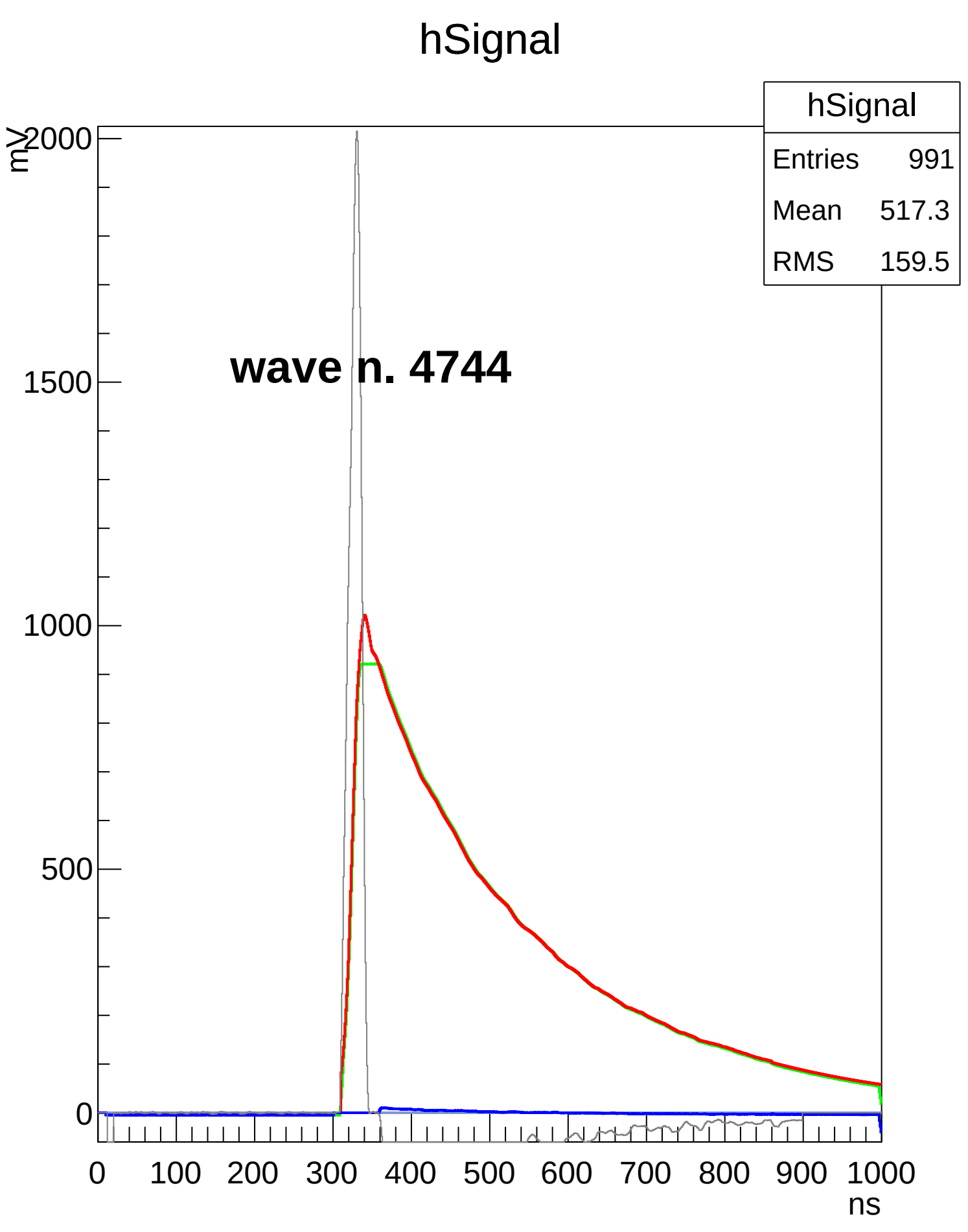
1000
ns


hSignal
hSignal
Entries 991
Mean 517.3
RMS 159.5
wave n. 4744
mV
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1500
1000
500
0
0
100
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400
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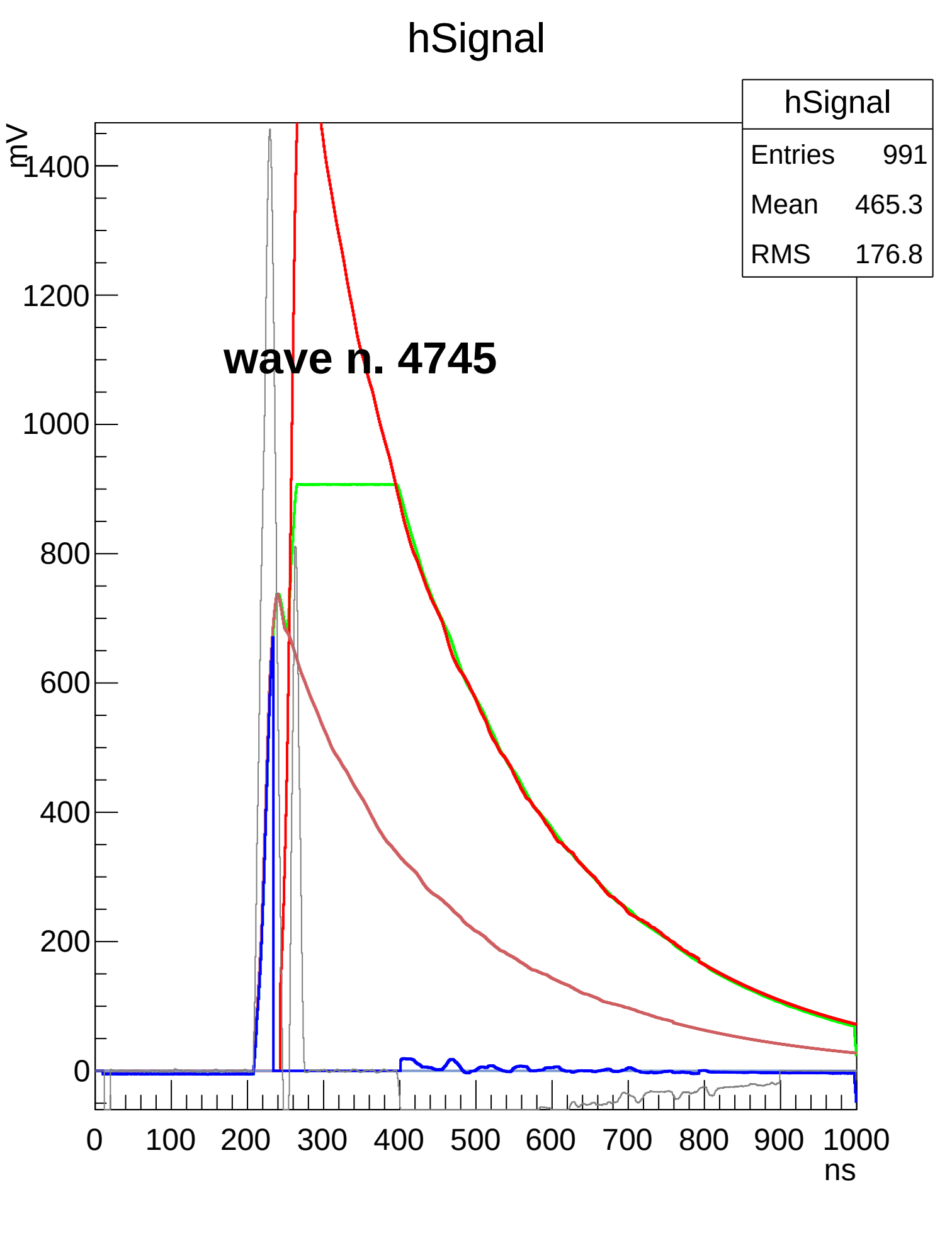
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 465.3
RMS 176.8
wave n. 4745
mV
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1200
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600
400
200
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100
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400
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800
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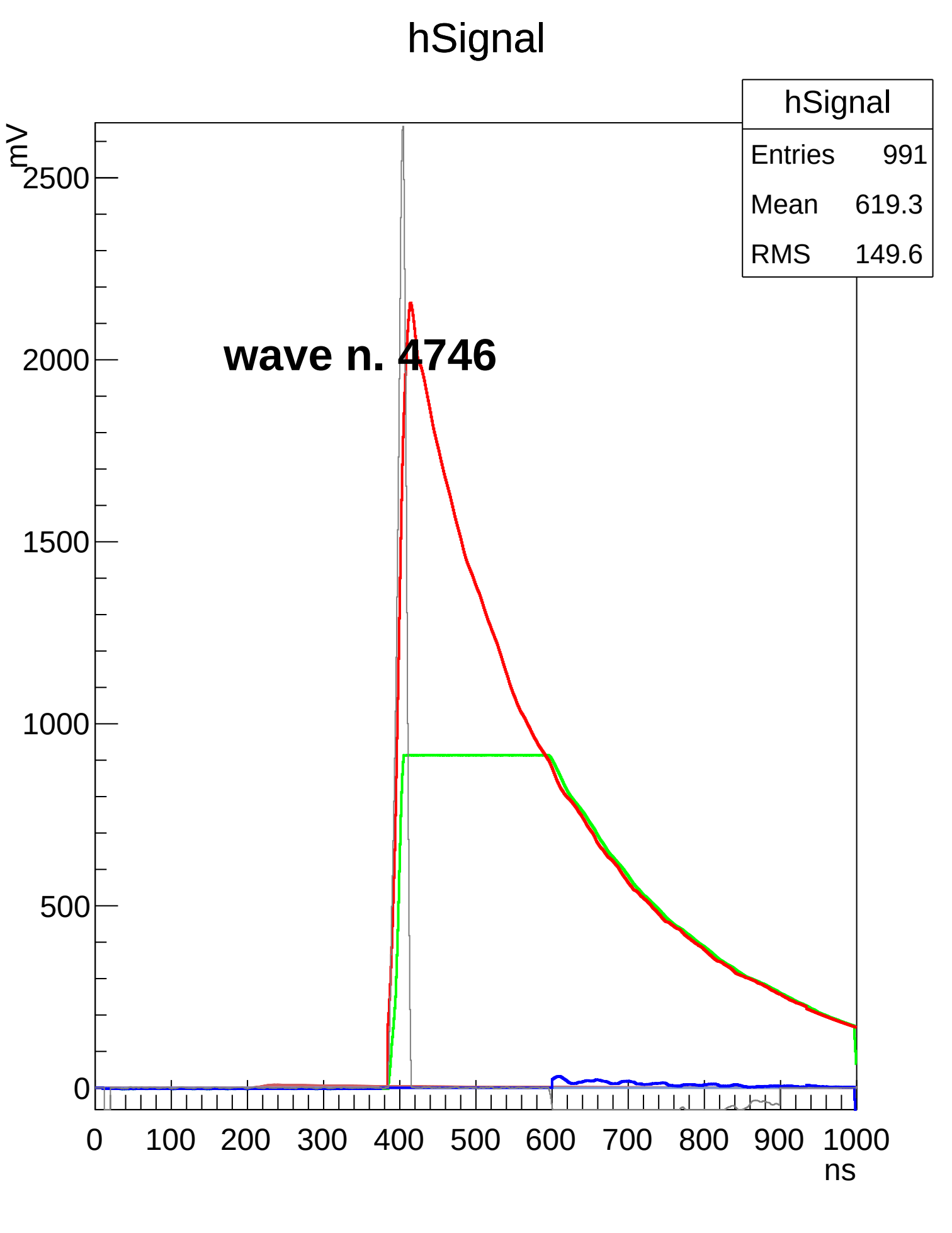
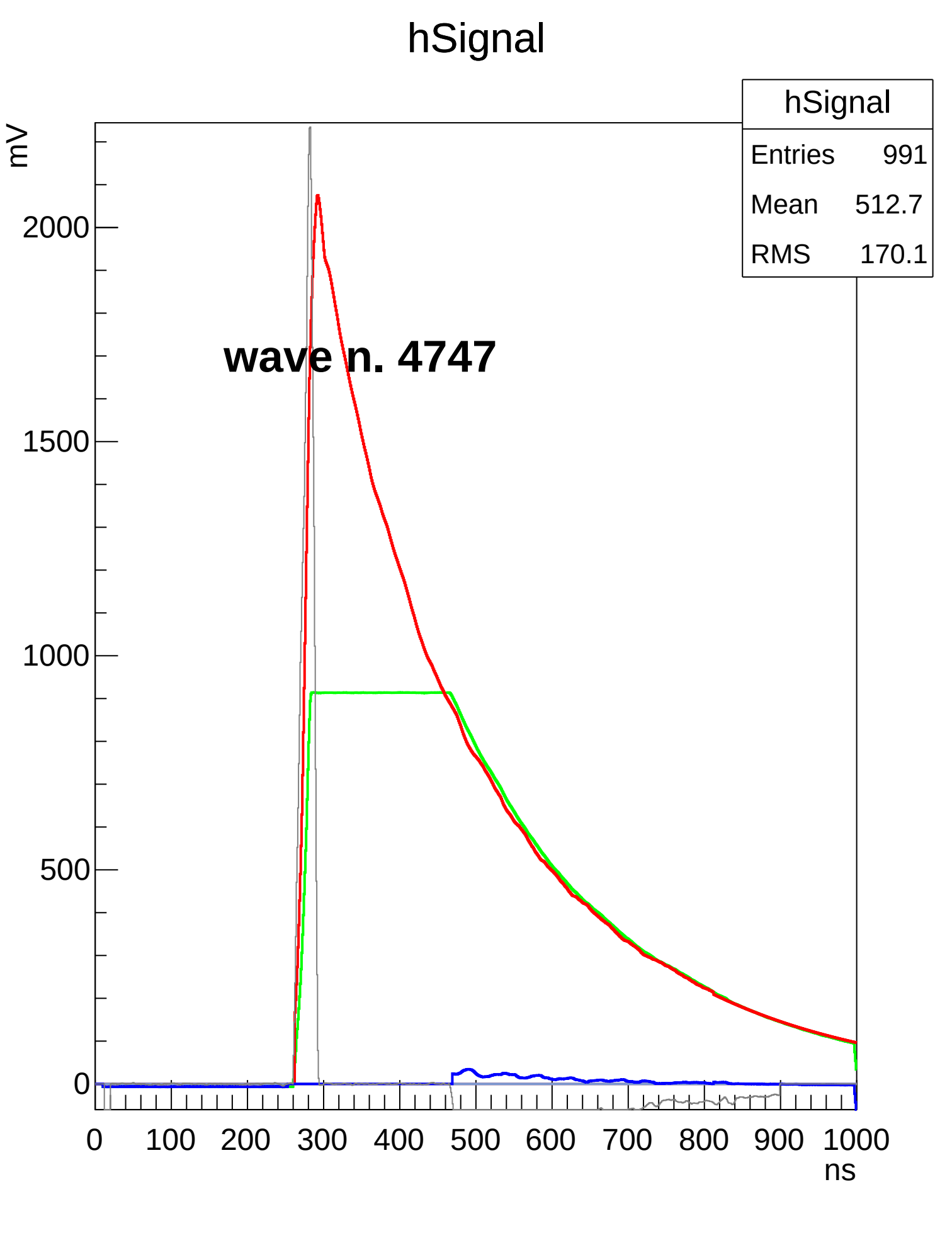
1000
ns


hSignal
hSignal
Entries 991
Mean 619.3
RMS 149.6
wave n. 4746
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 512.7
RMS 170.1
wave n. 4747
mV
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1500
1000
500
0
0
100
200
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400
500
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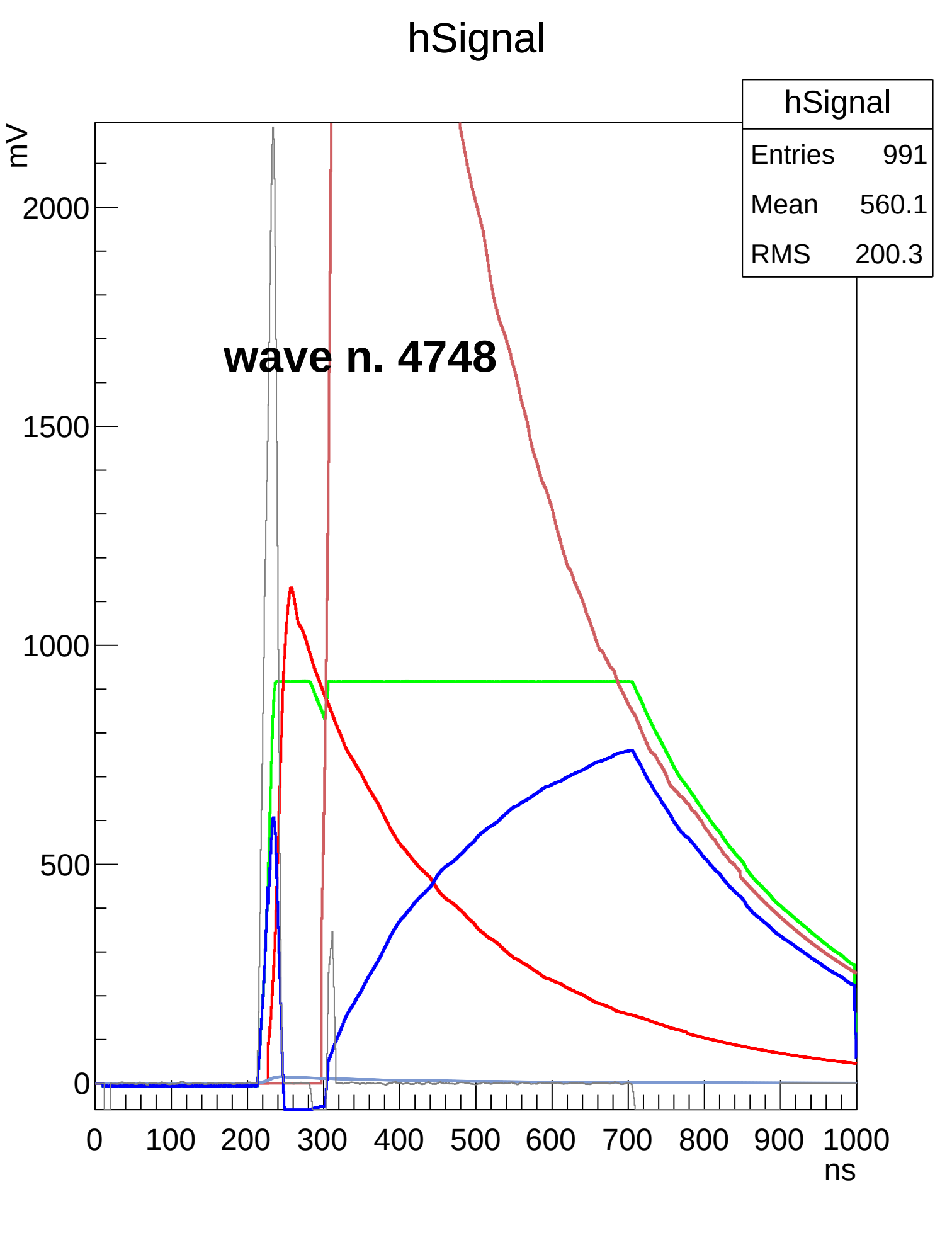
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.1
RMS 200.3
wave n. 4748
mV
2000
1500
1000
500
0
0
100
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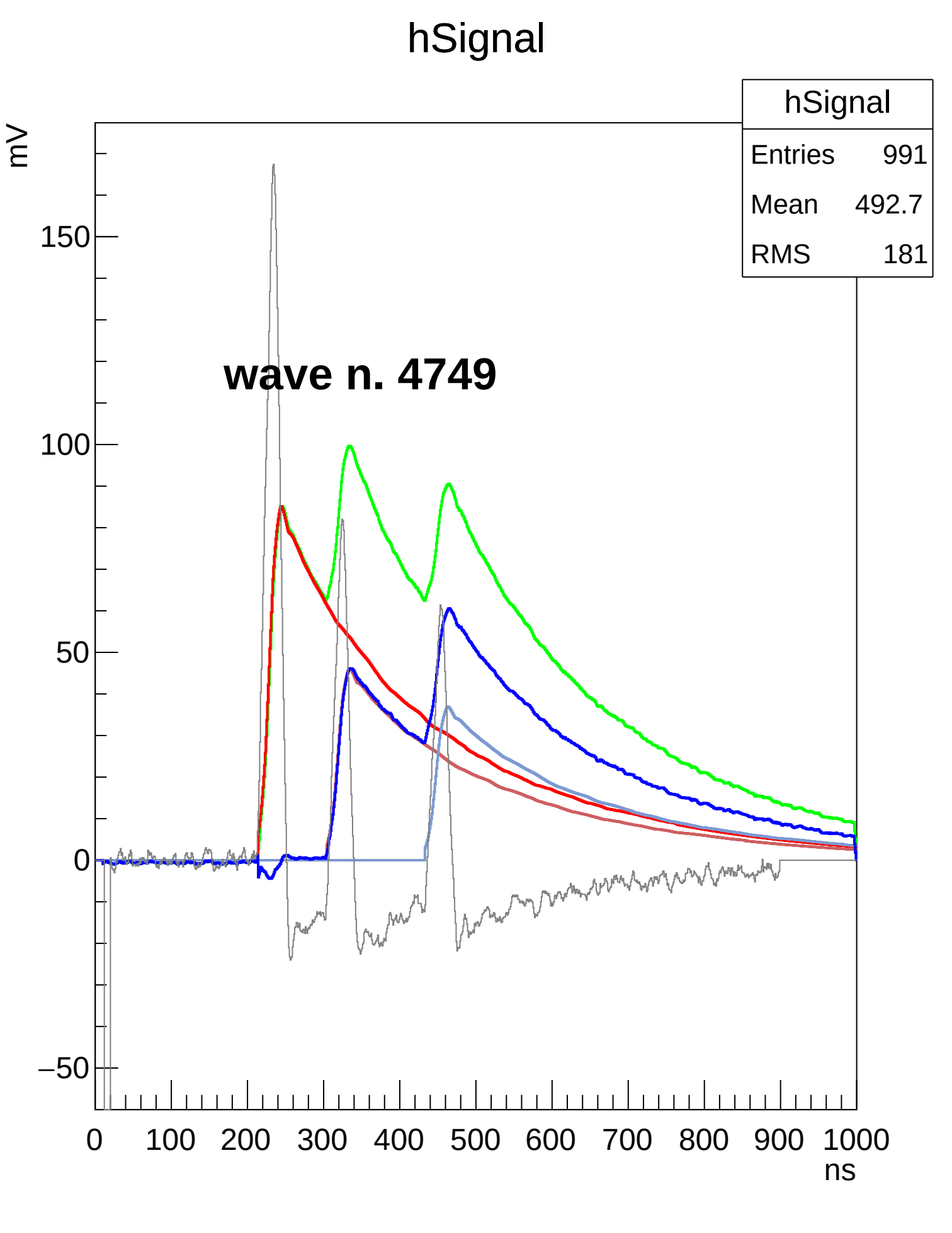
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 492.7
RMS 181
wave n. 4749
mV
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100
50
0
−50
0
100
200
300
400
500
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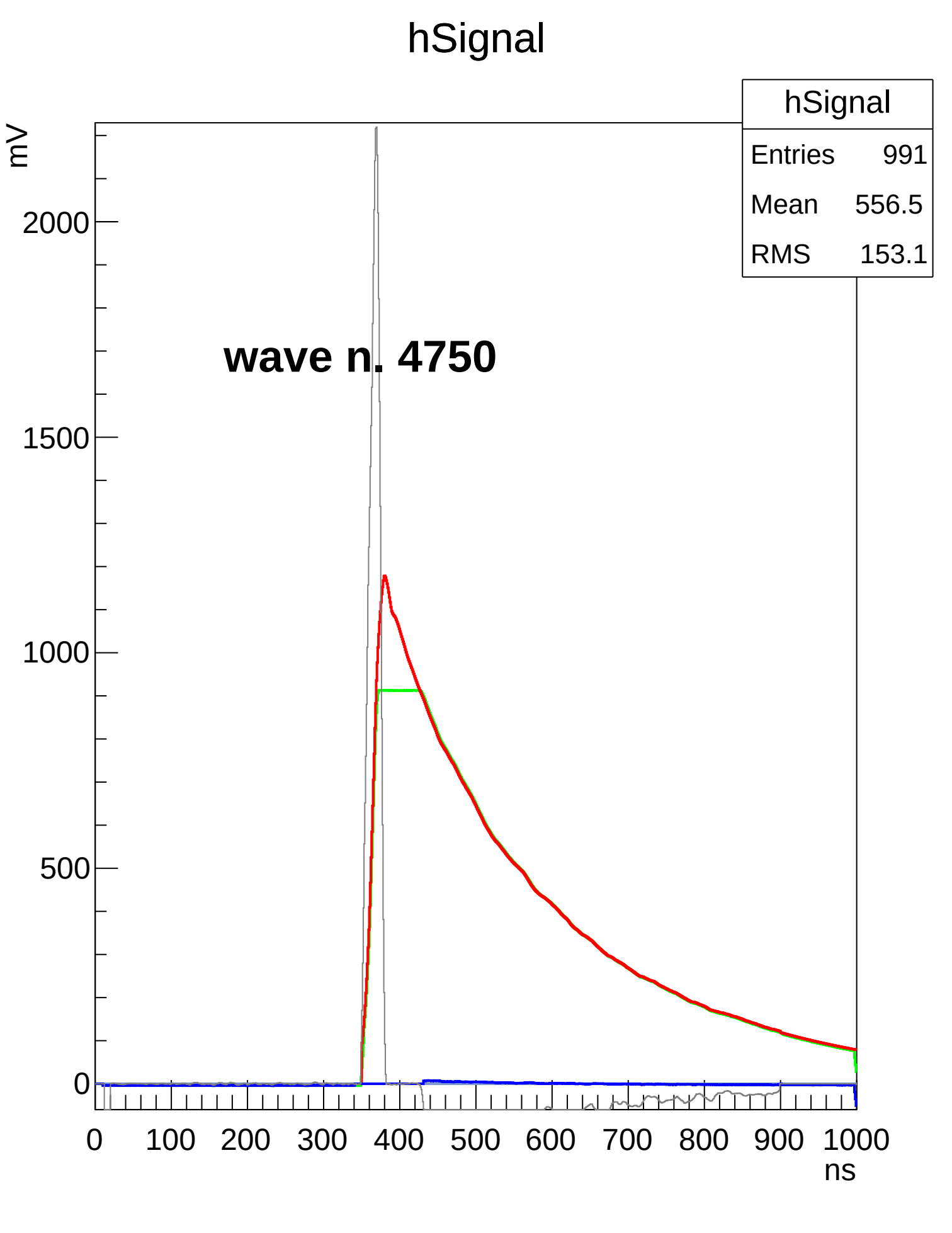
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.5
RMS 153.1
wave n. 4750
mV
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1000
500
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0
100
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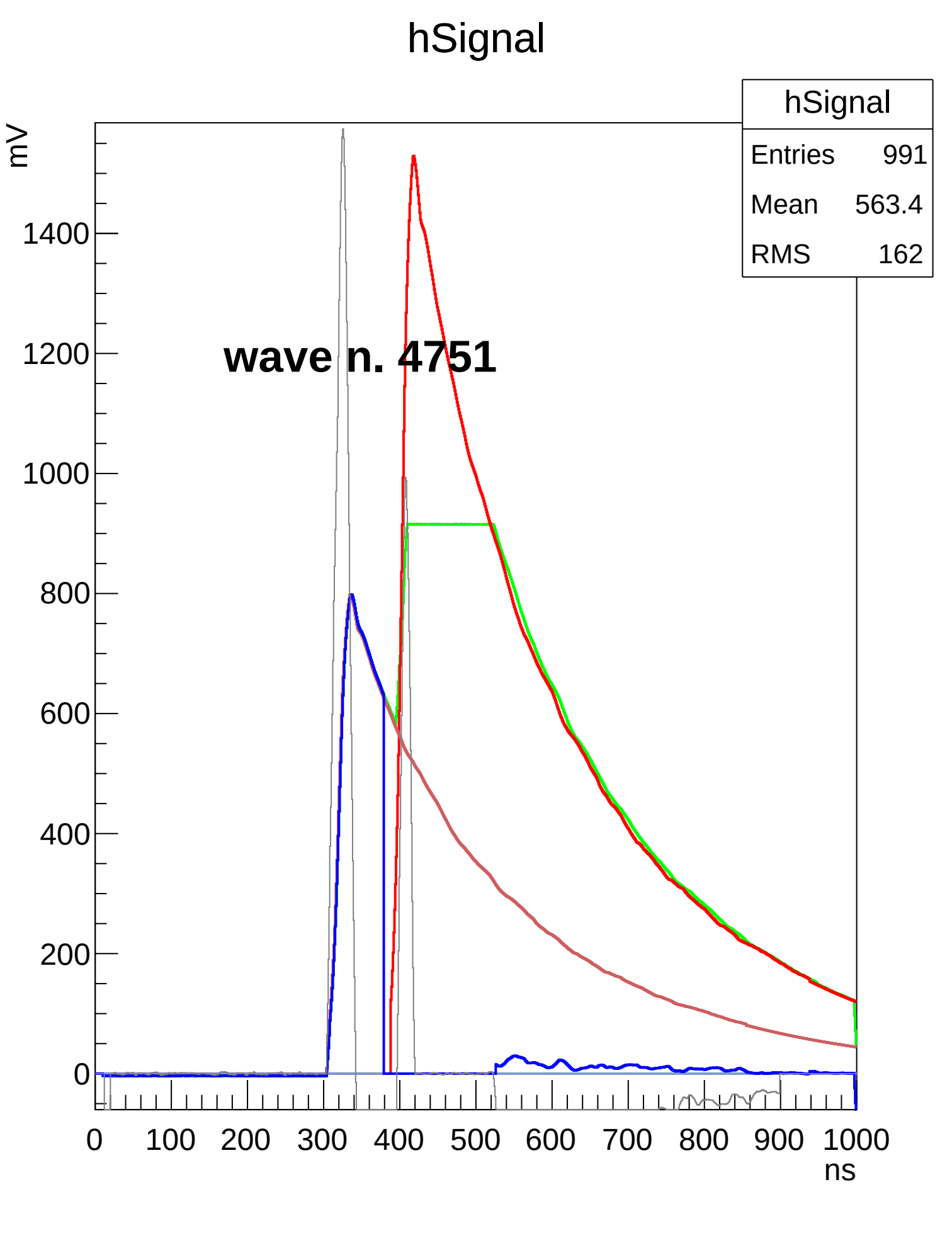
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 563.4
RMS 162
wave n. 4751
mV
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400
200
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200
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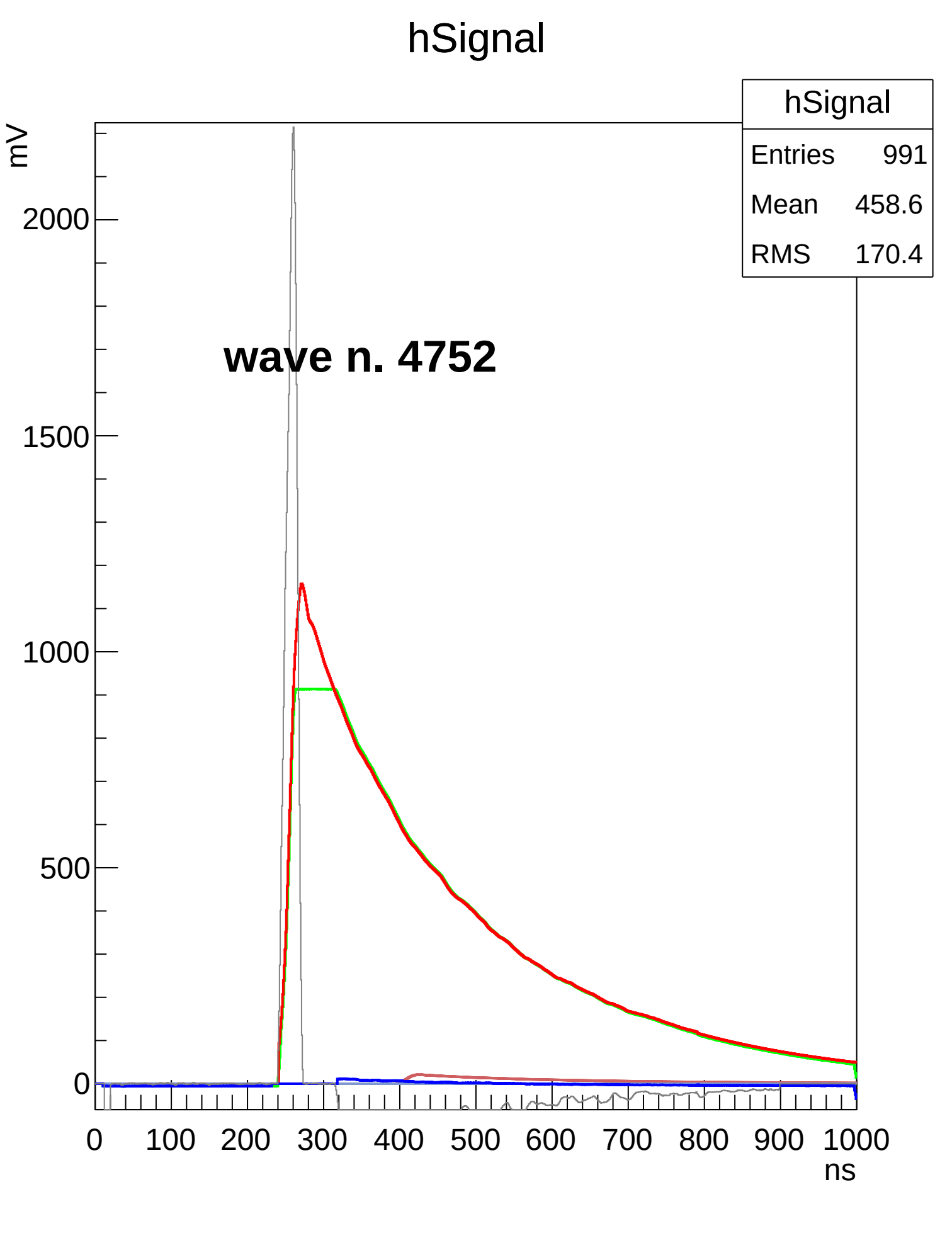
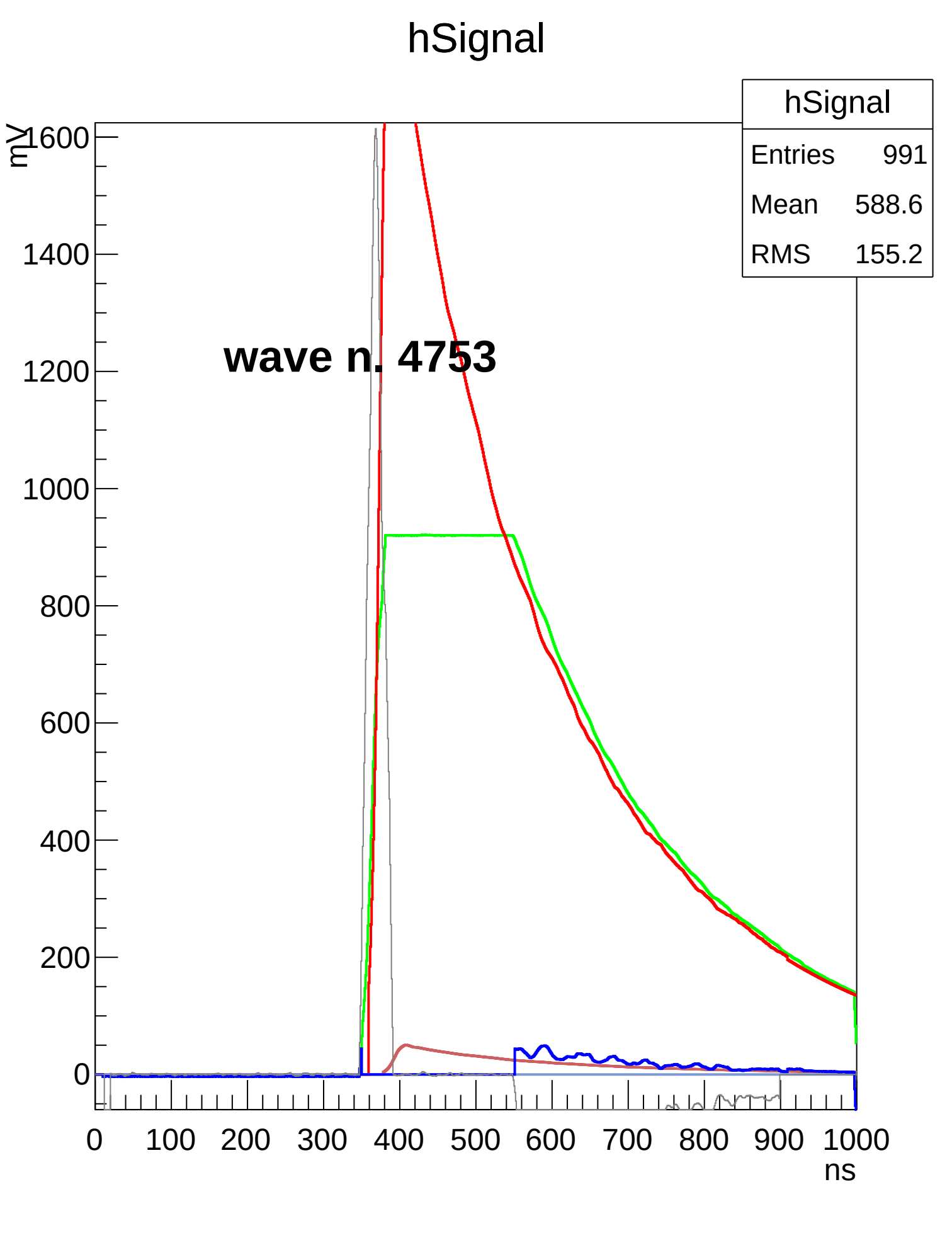
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 458.6
RMS 170.4
wave n. 4752
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 588.6
RMS 155.2
wave n. 4753
mV
1600
1400
1200
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800
600
400
200
0
0
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200
300
400
500
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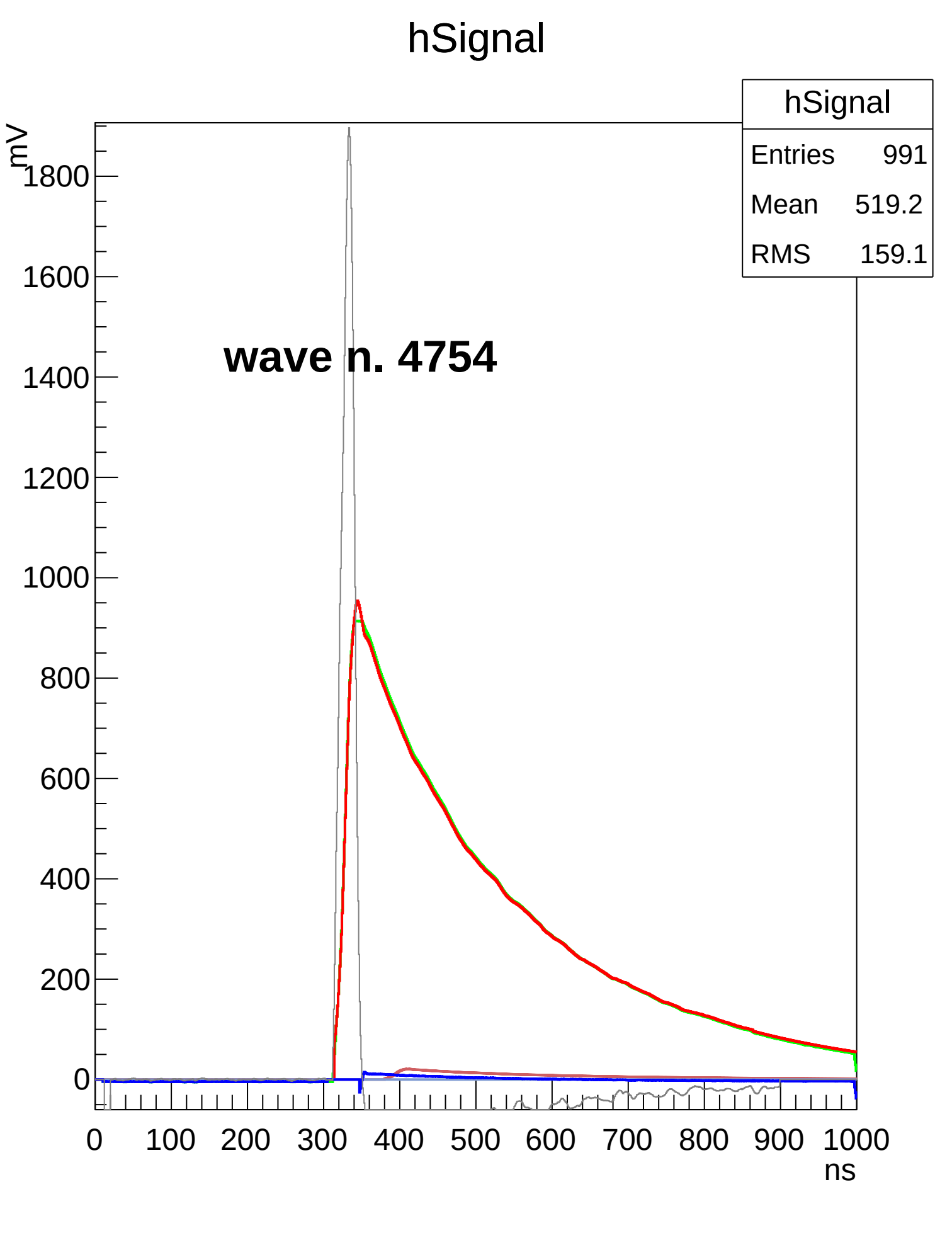
700
800
900
1000
ns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hSignal
Entries 991
Mean 519.2
RMS 159.1
wave n. 4754
mV
1800
1600
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600
400
200
0
0
100
200
300
400
500
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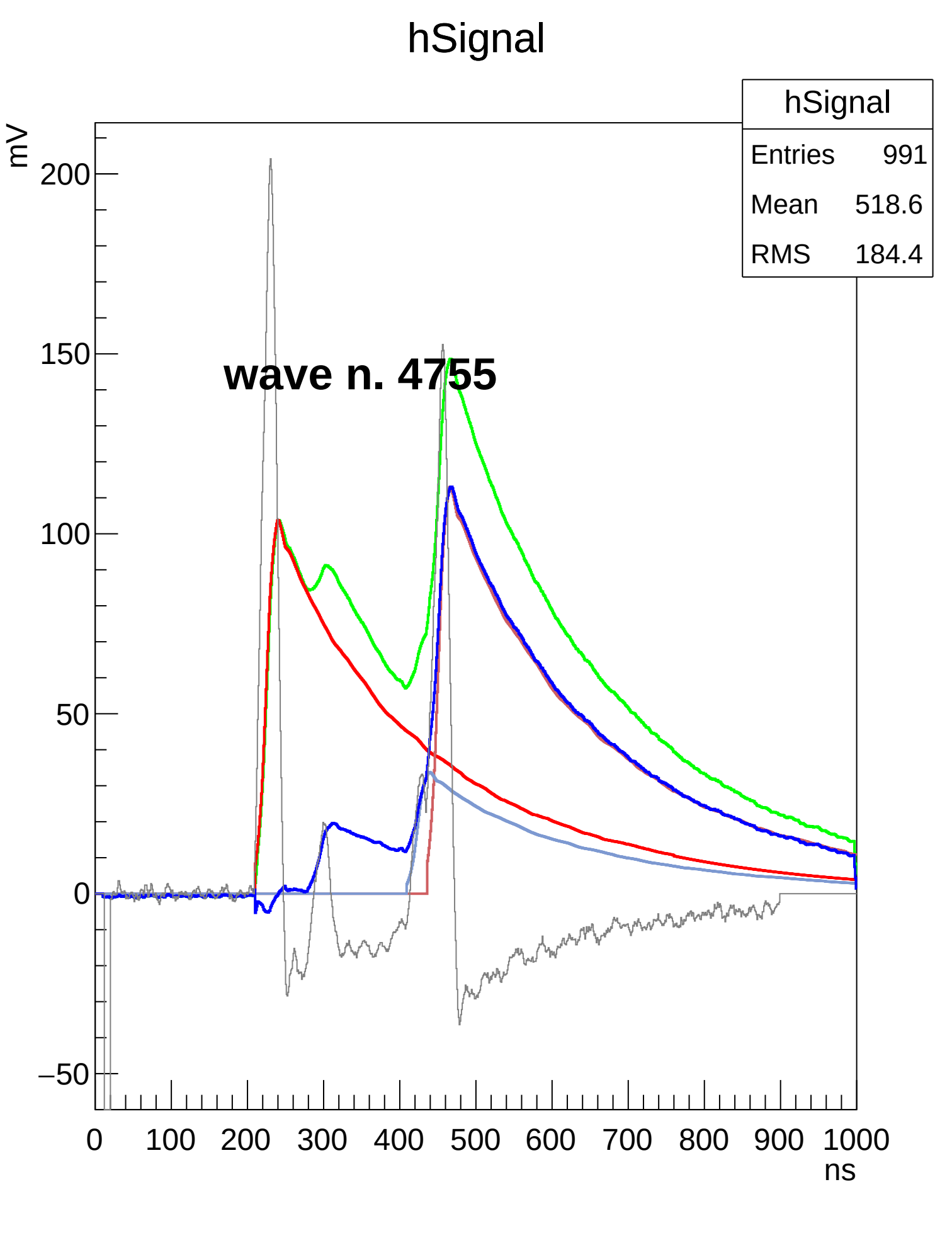
800
900
1000
ns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Mean 518.6
RMS 184.4
wave n. 4755
mV
200
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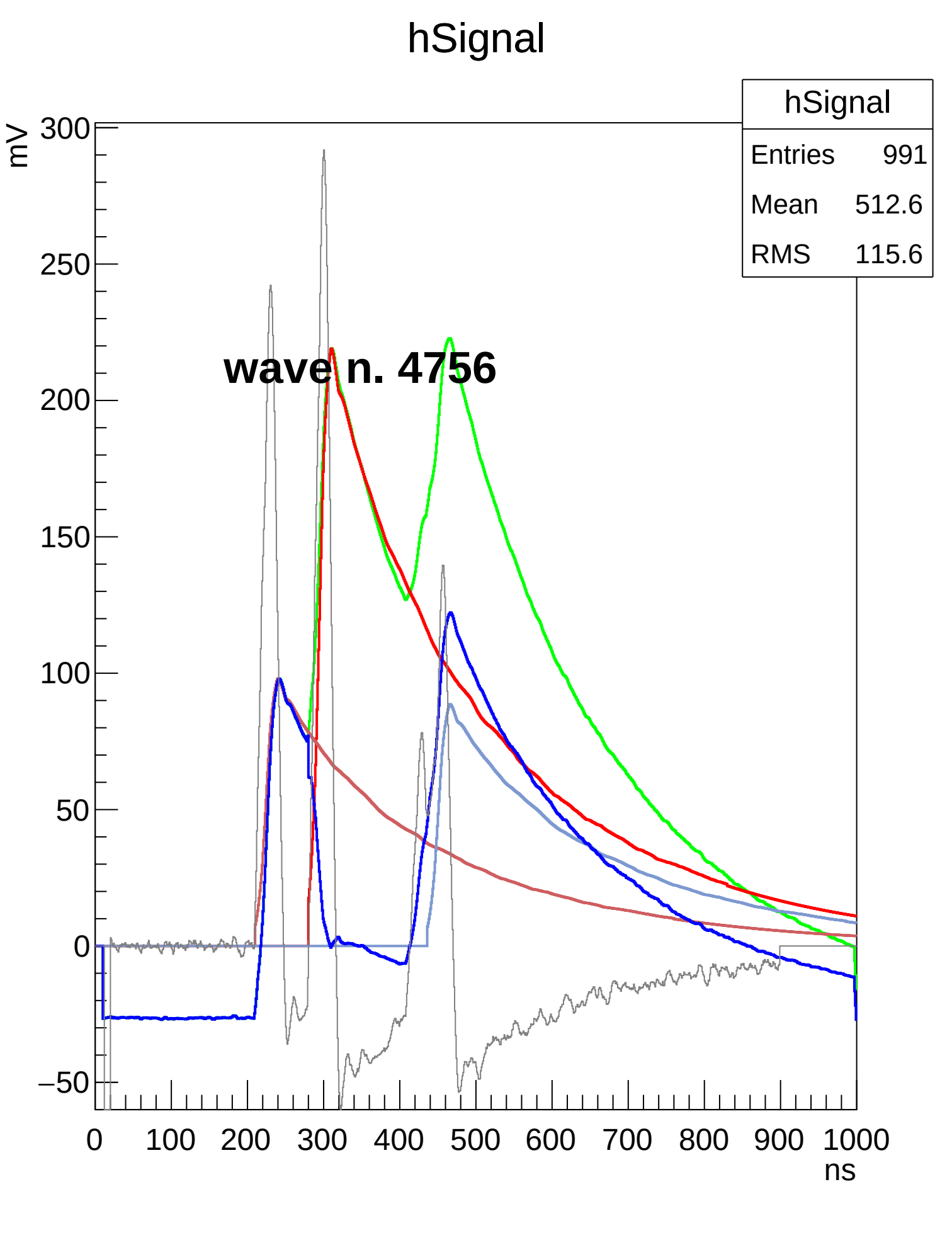
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns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Mean 512.6
RMS 115.6
wave n. 4756
mV
300
250
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100
50
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0
100
200
300
400
500
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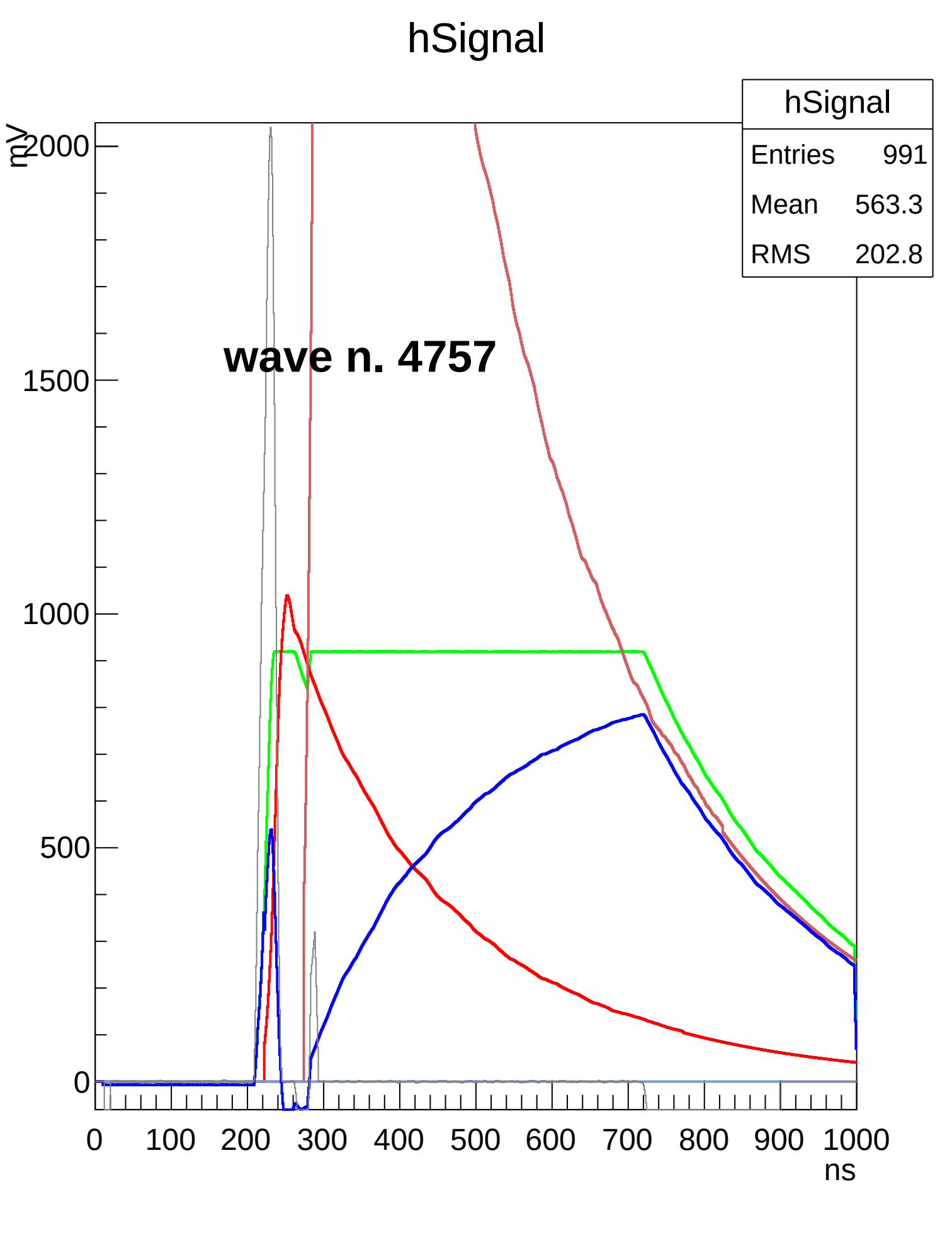
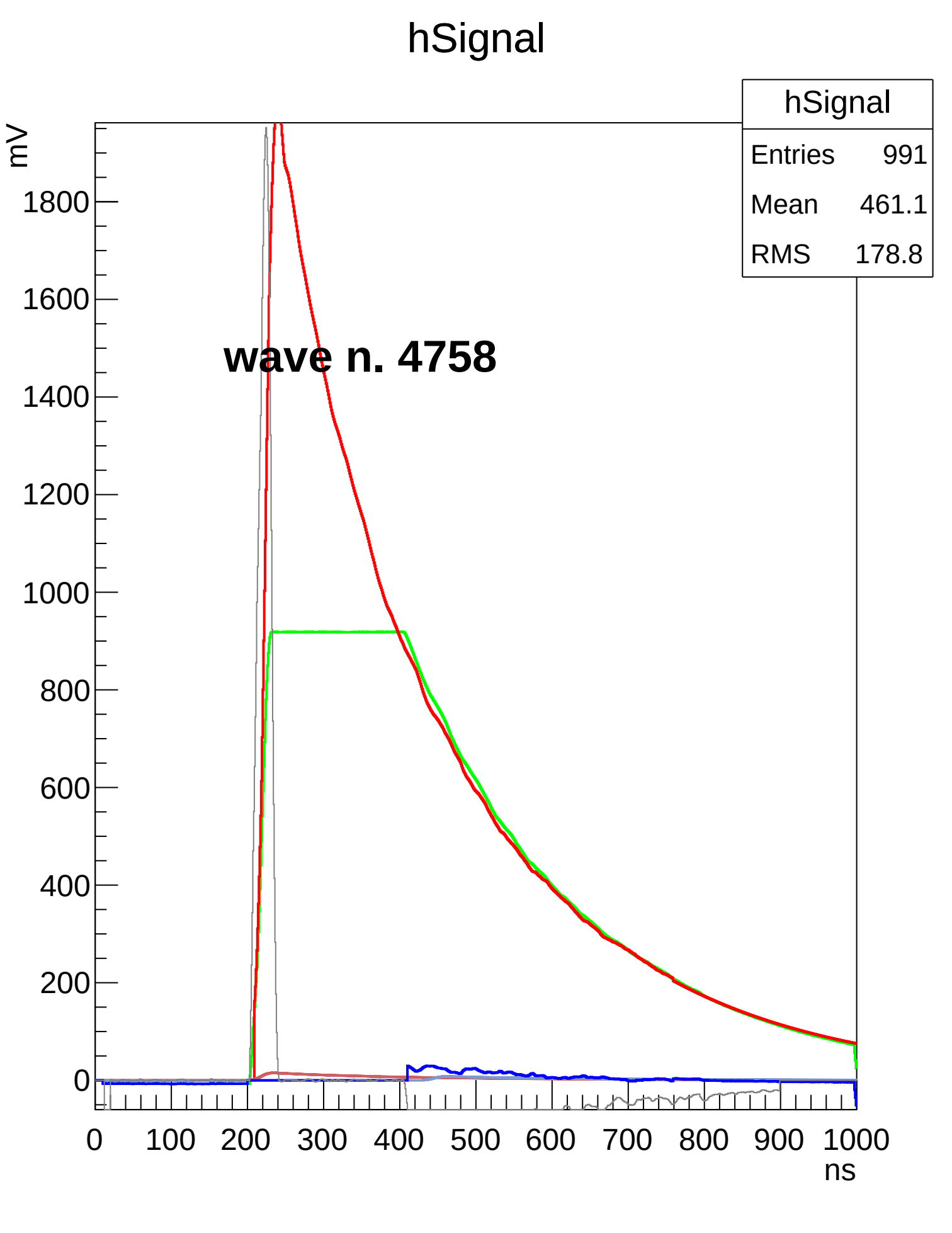
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 563.3
RMS 202.8
wave n. 4757
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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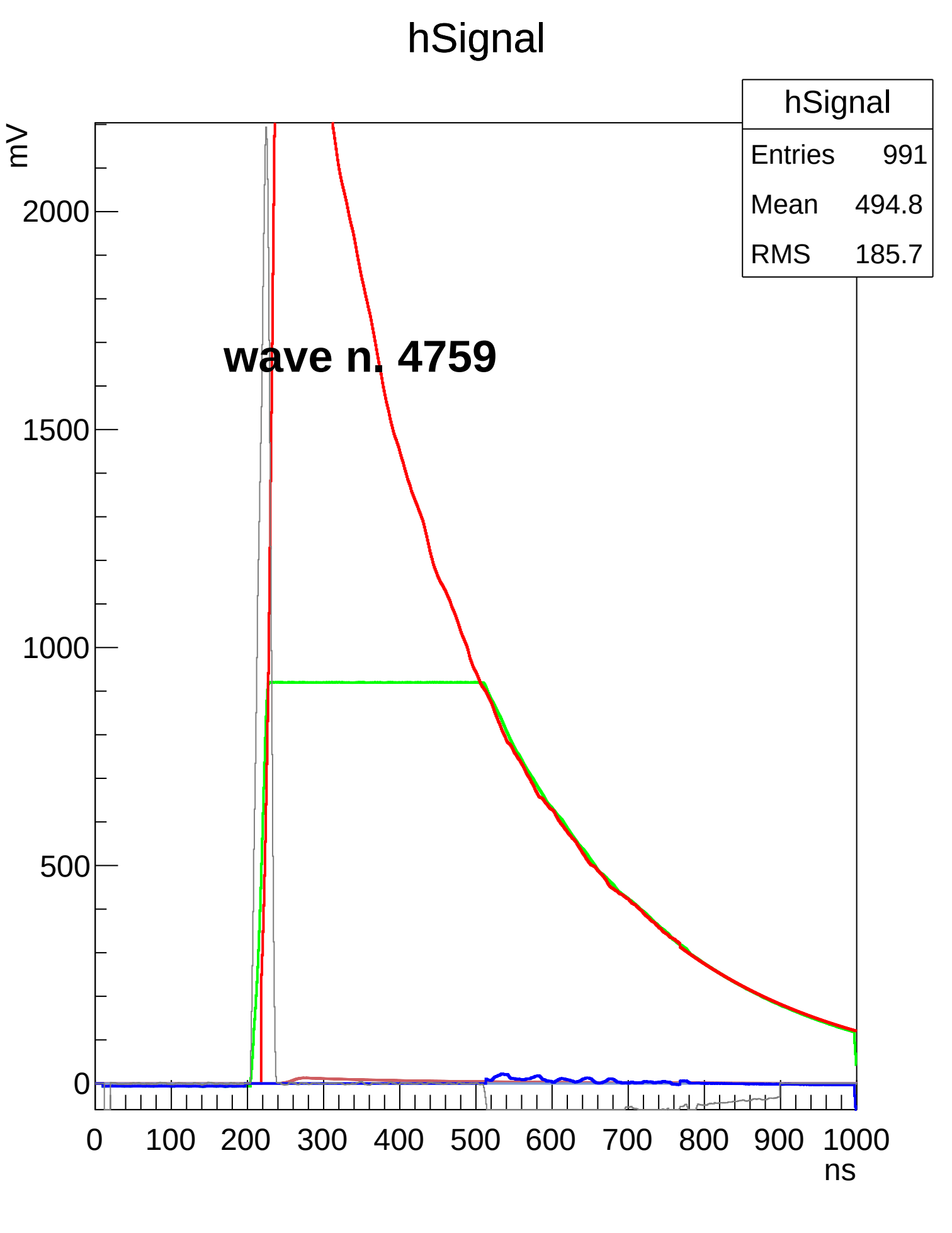
hSignal
Entries 991
Mean 461.1
RMS 178.8
wave n. 4758
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 494.8
RMS 185.7
wave n. 4759
mV
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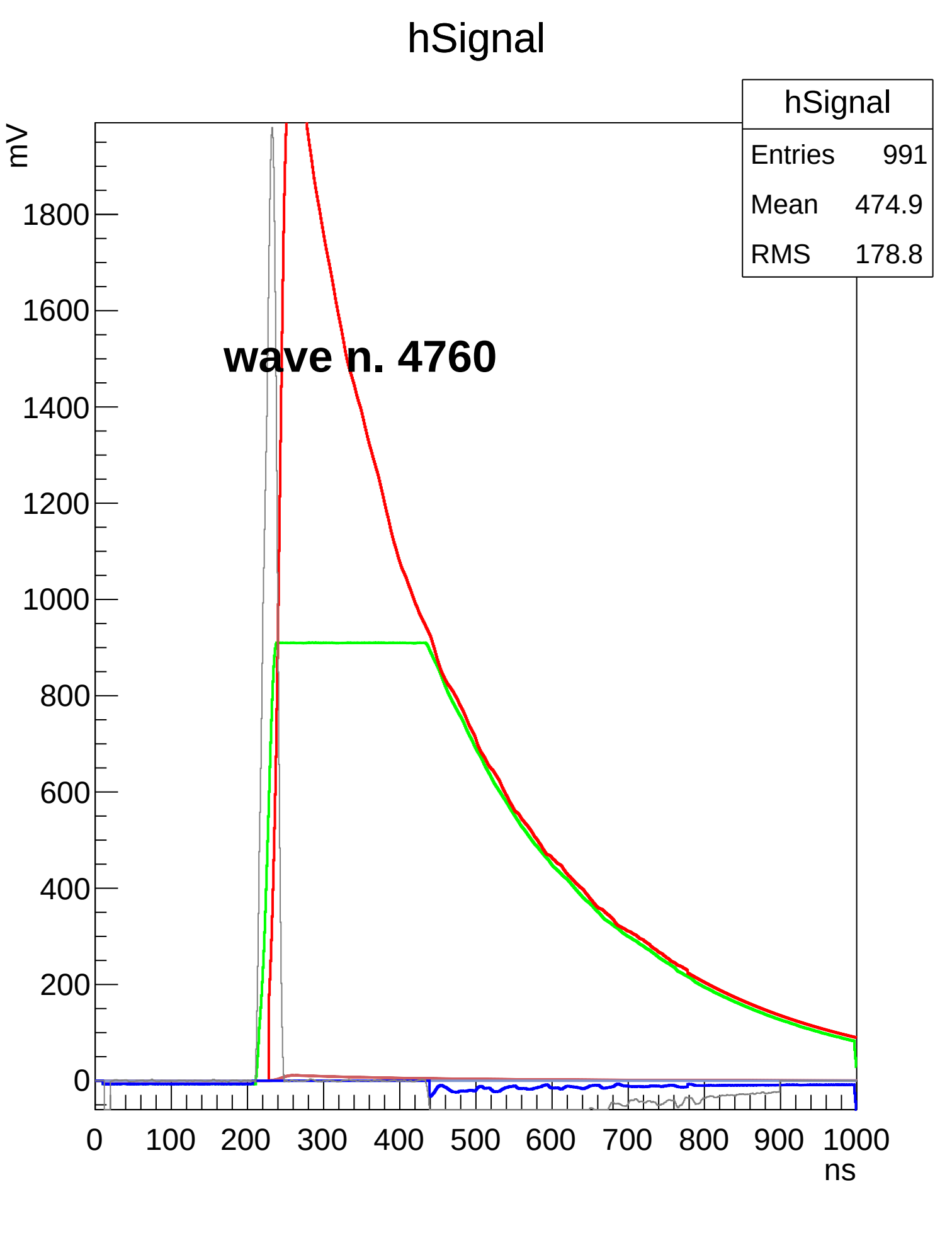
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 474.9
RMS 178.8
wave n. 4760
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
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600
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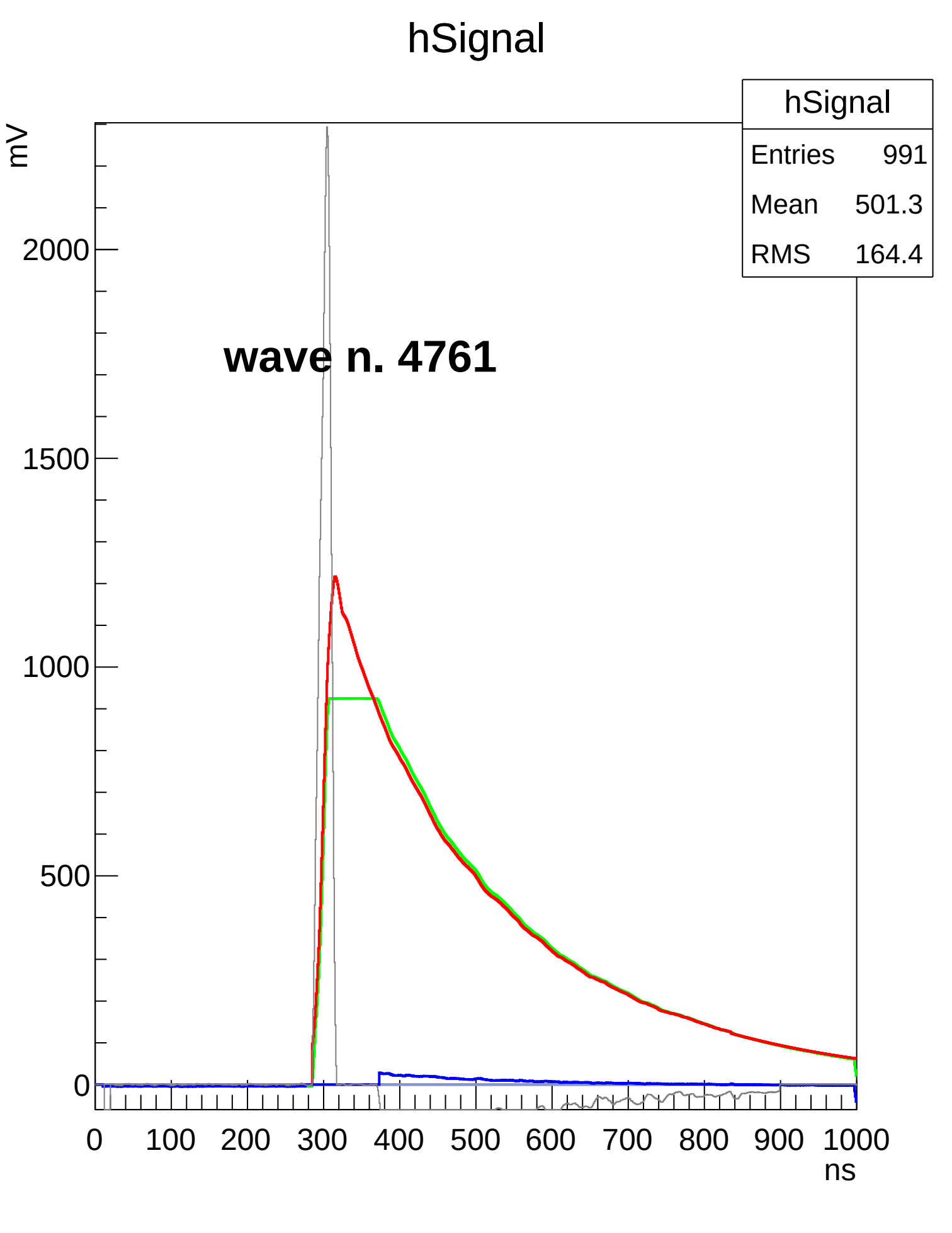
800
900
1000
ns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hSignal
Entries 991
Mean 501.3
RMS 164.4
wave n. 4761
mV
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1500
1000
500
0
0
100
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400
500
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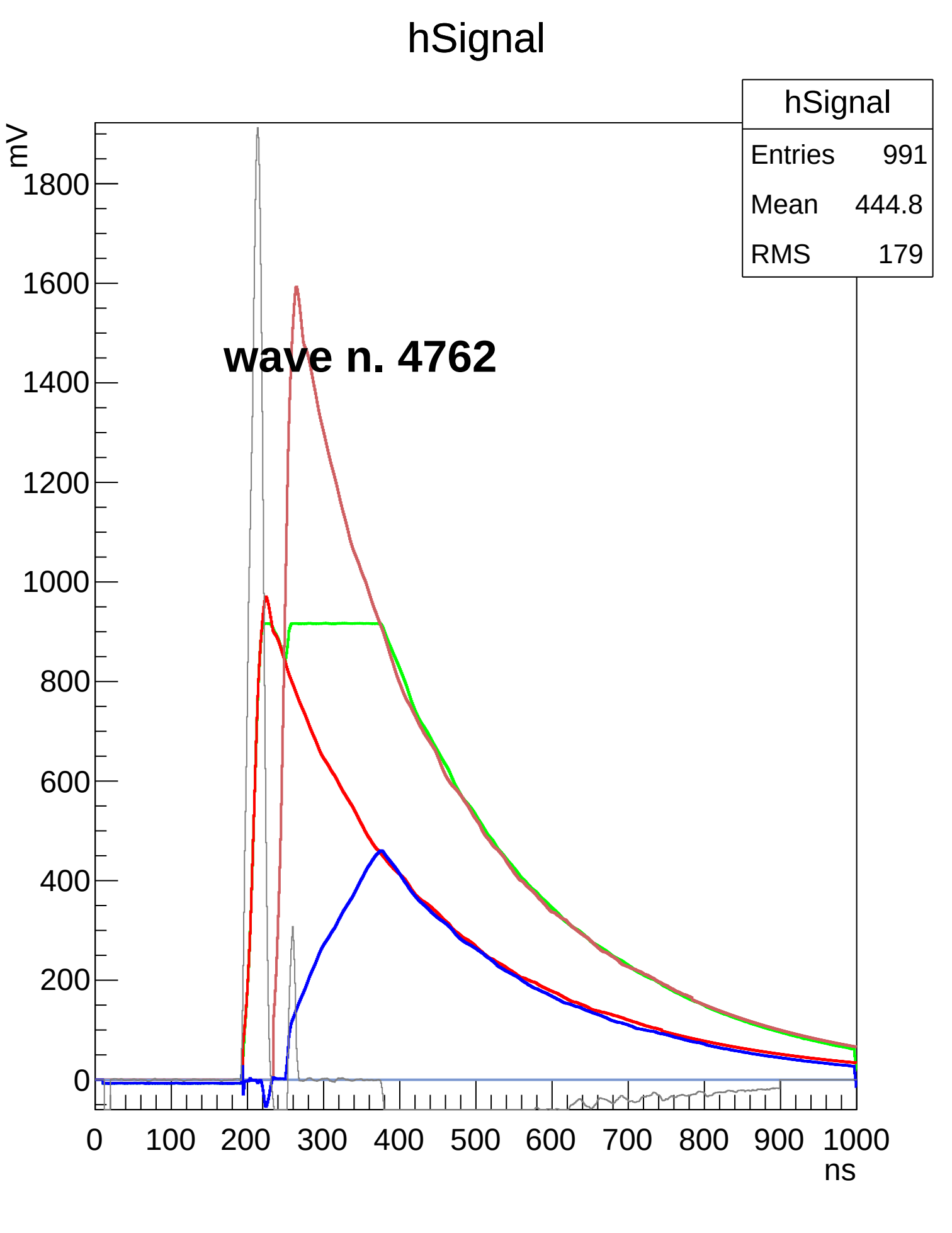
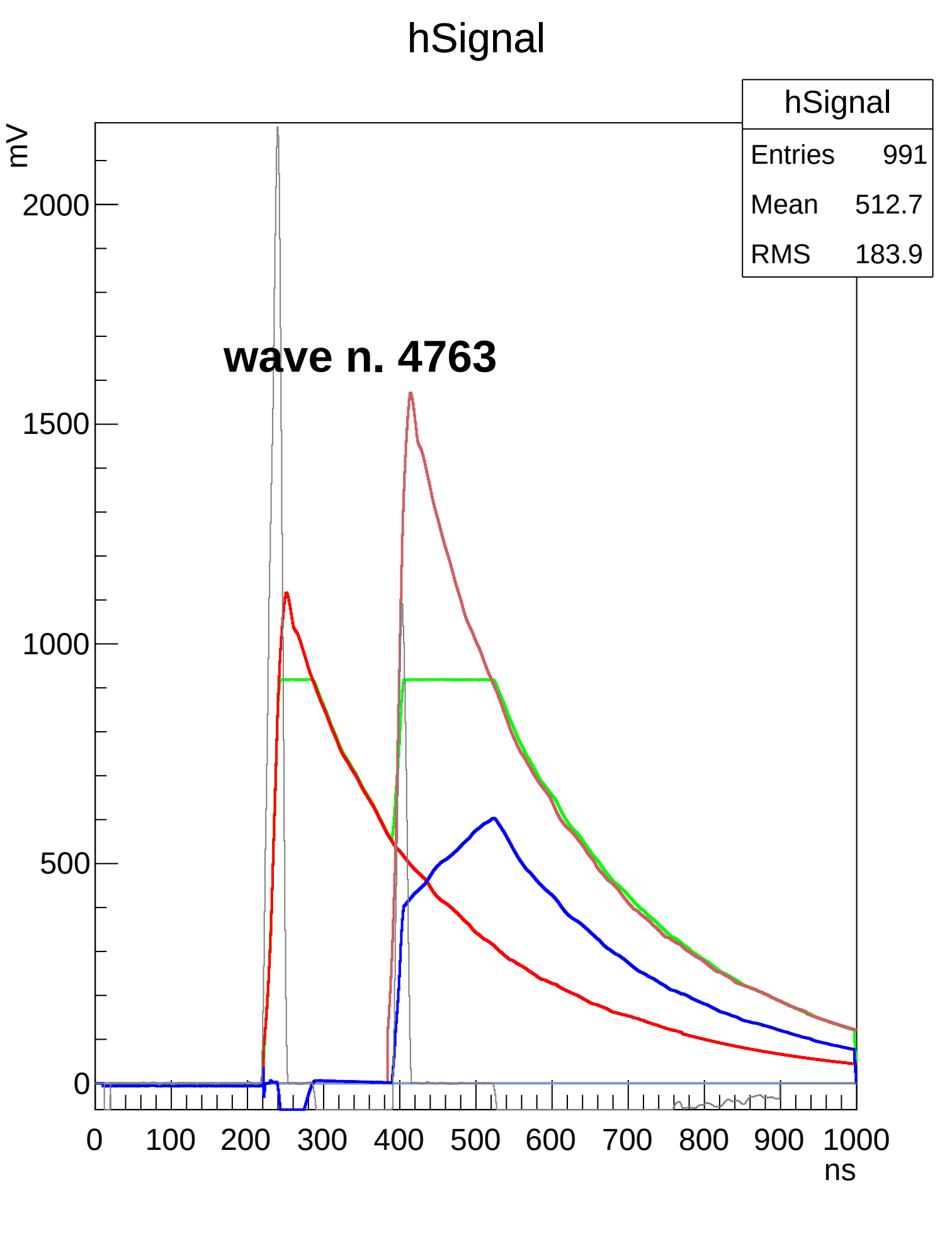
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 444.8
RMS 179
wave n. 4762
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.7
RMS 183.9
wave n. 4763
mV
2000
1500
1000
500
0
0
100
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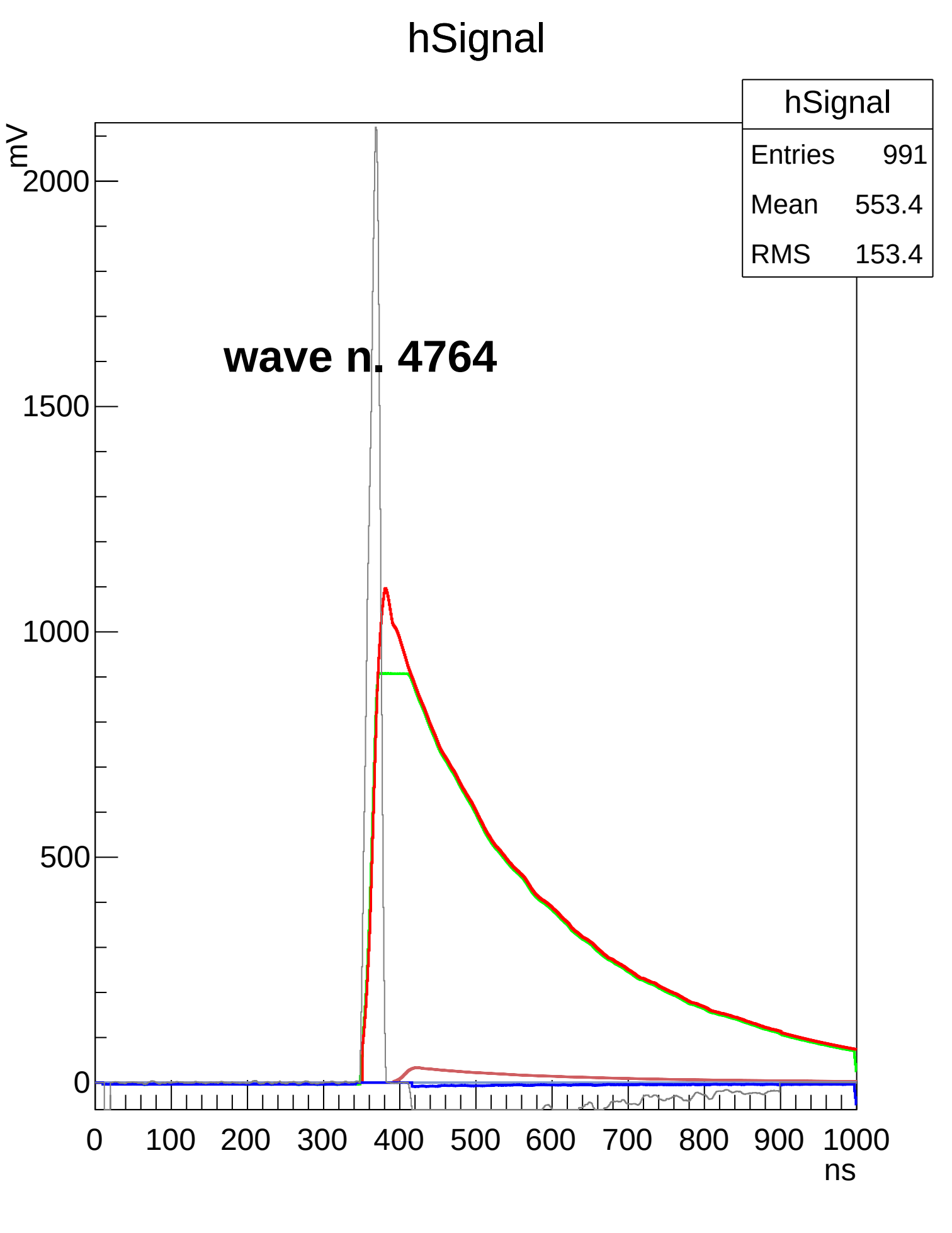
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 553.4
RMS 153.4
wave n. 4764
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1000
500
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0
100
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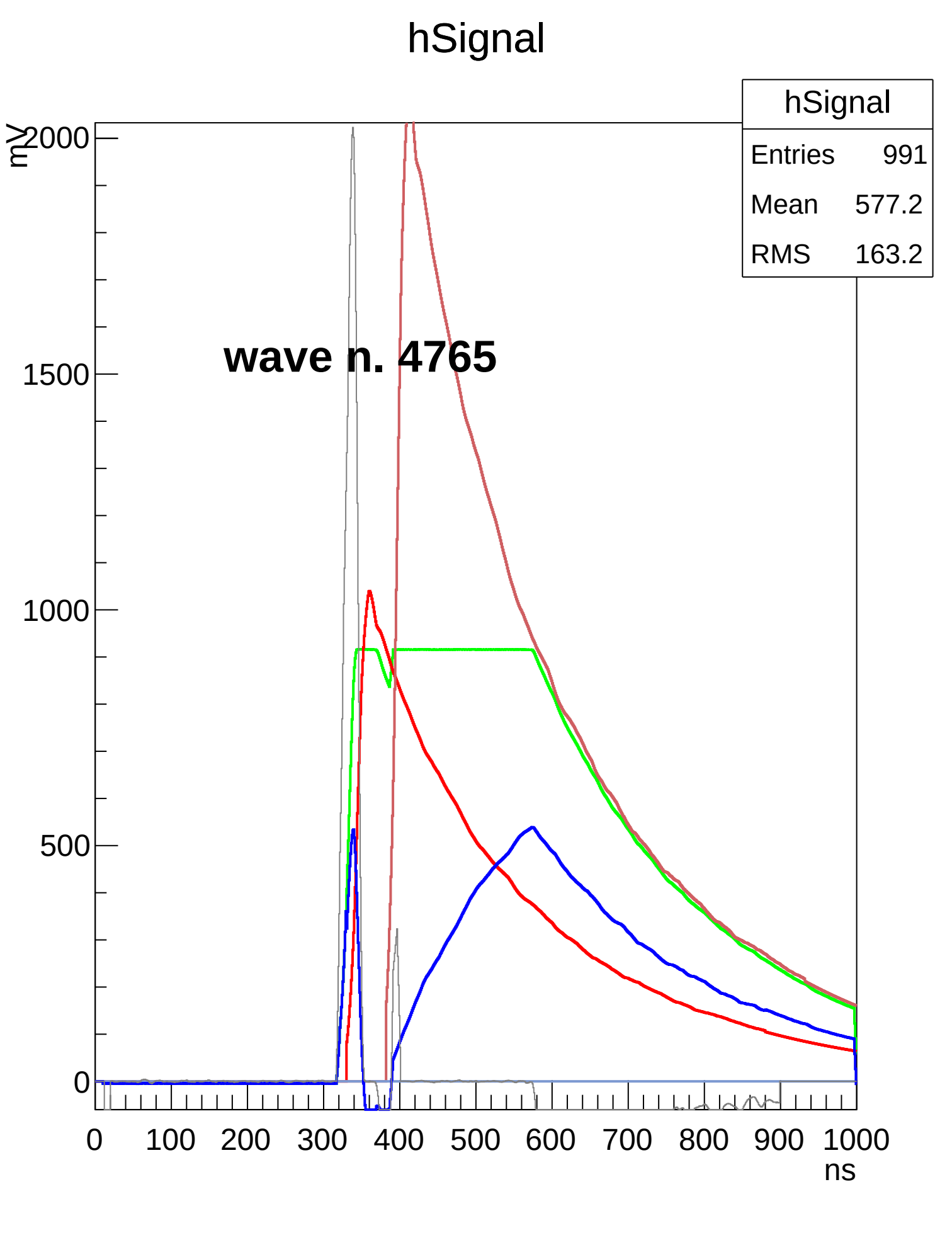
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.2
RMS 163.2
wave n. 4765
mV
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1500
1000
500
0
0
100
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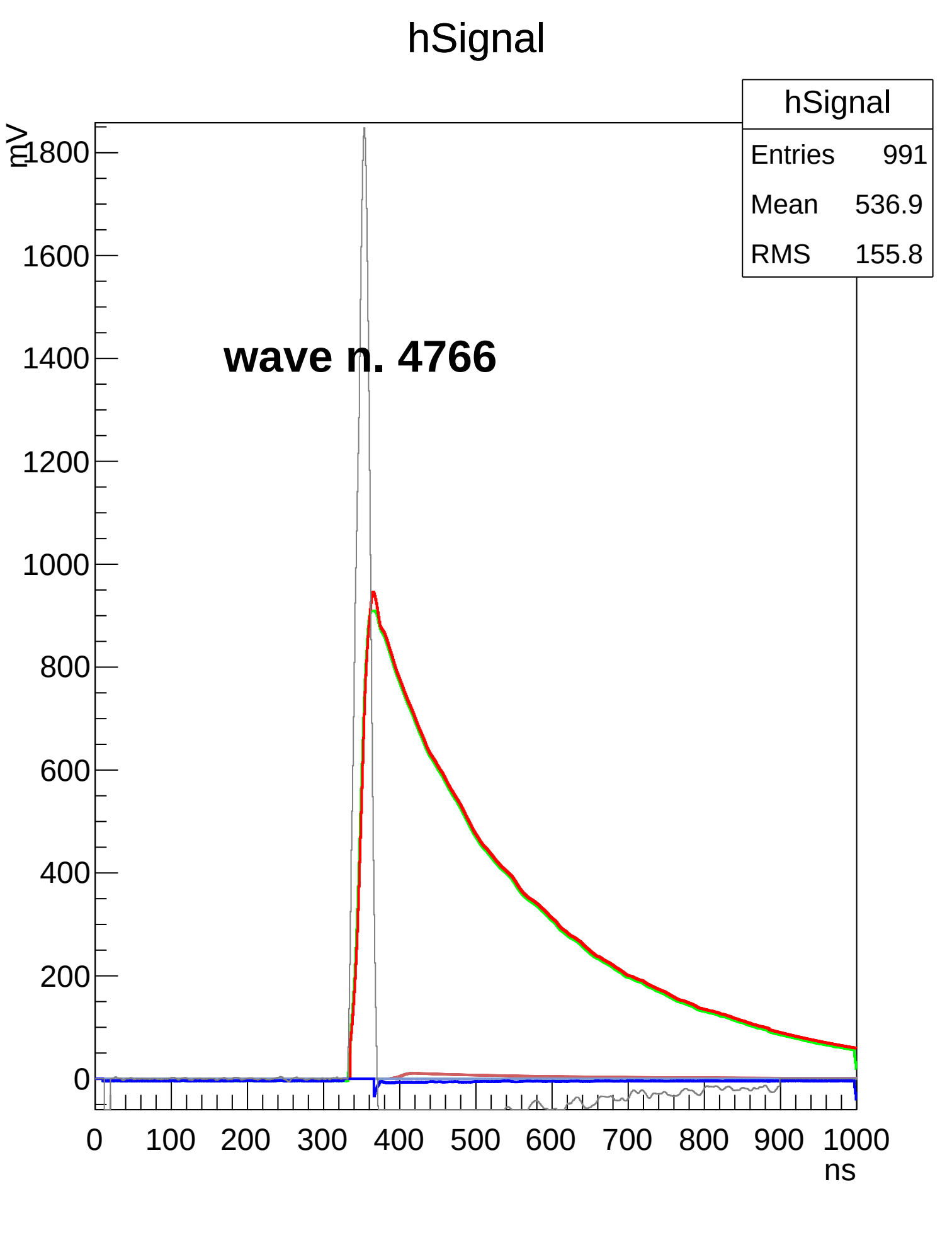
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 536.9
RMS 155.8
wave n. 4766
mV
1800
1600
1400
1200
1000
800
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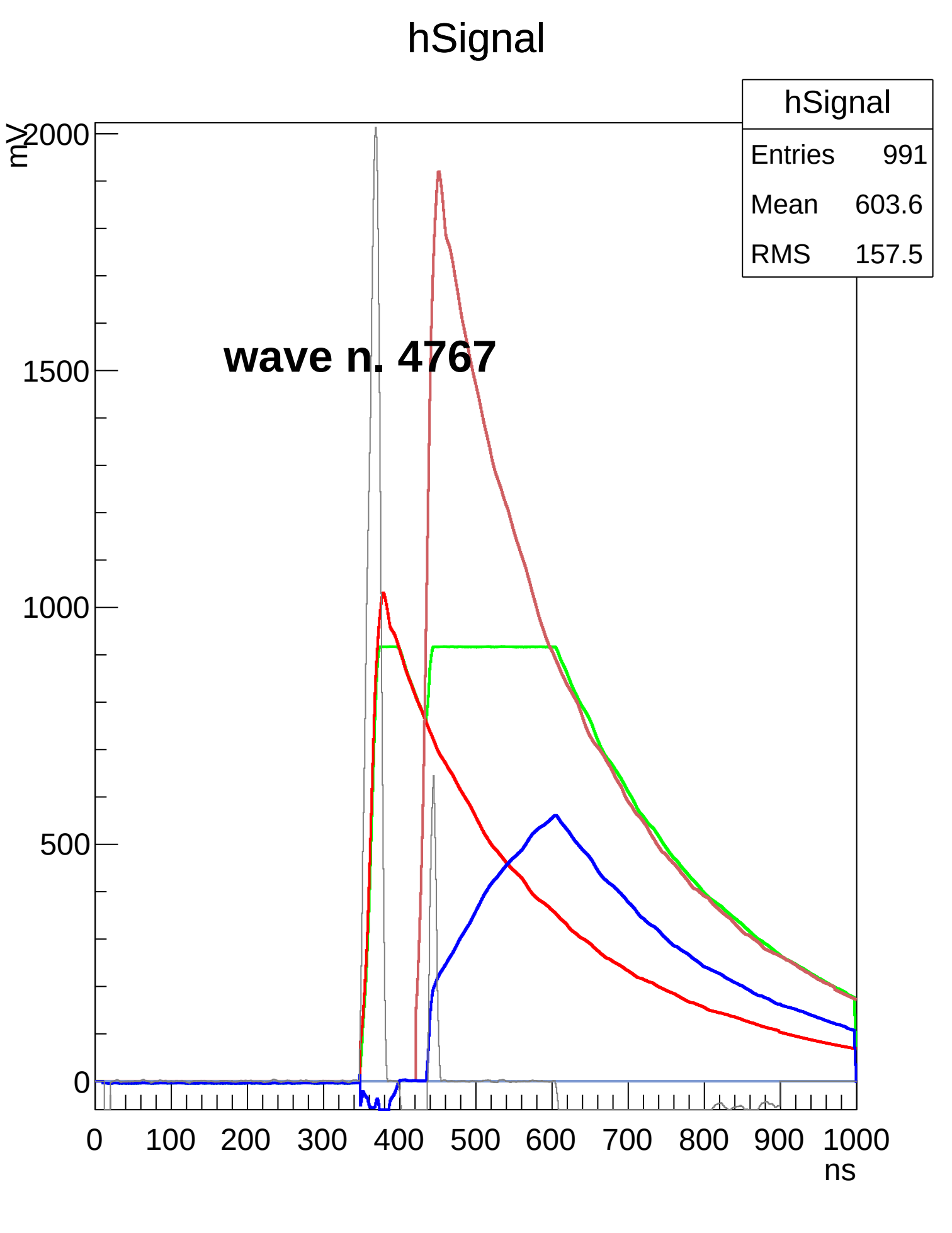
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 603.6
RMS 157.5
wave n. 4767
mV
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1000
500
0
0
100
200
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400
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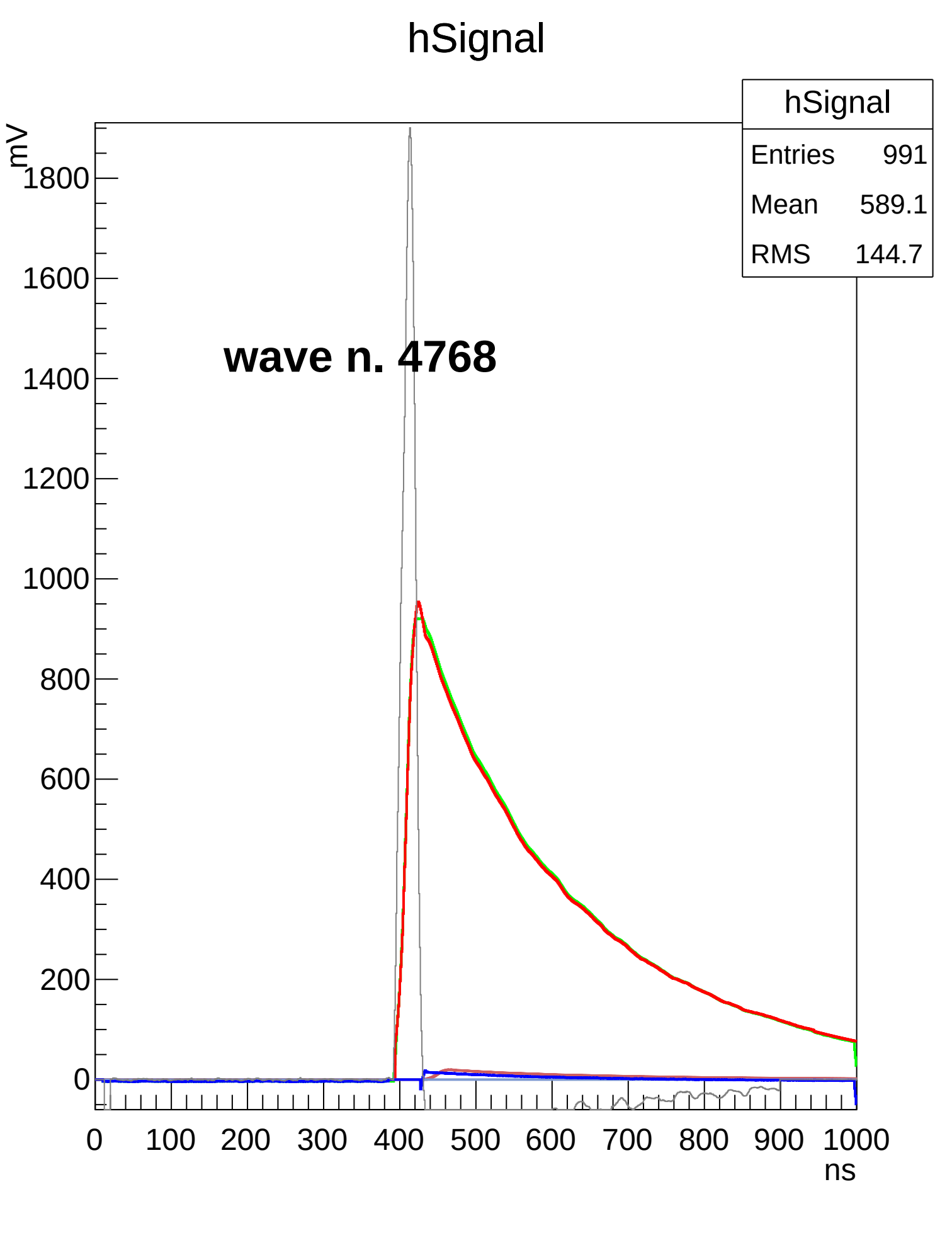
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 589.1
RMS 144.7
wave n. 4768
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
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400
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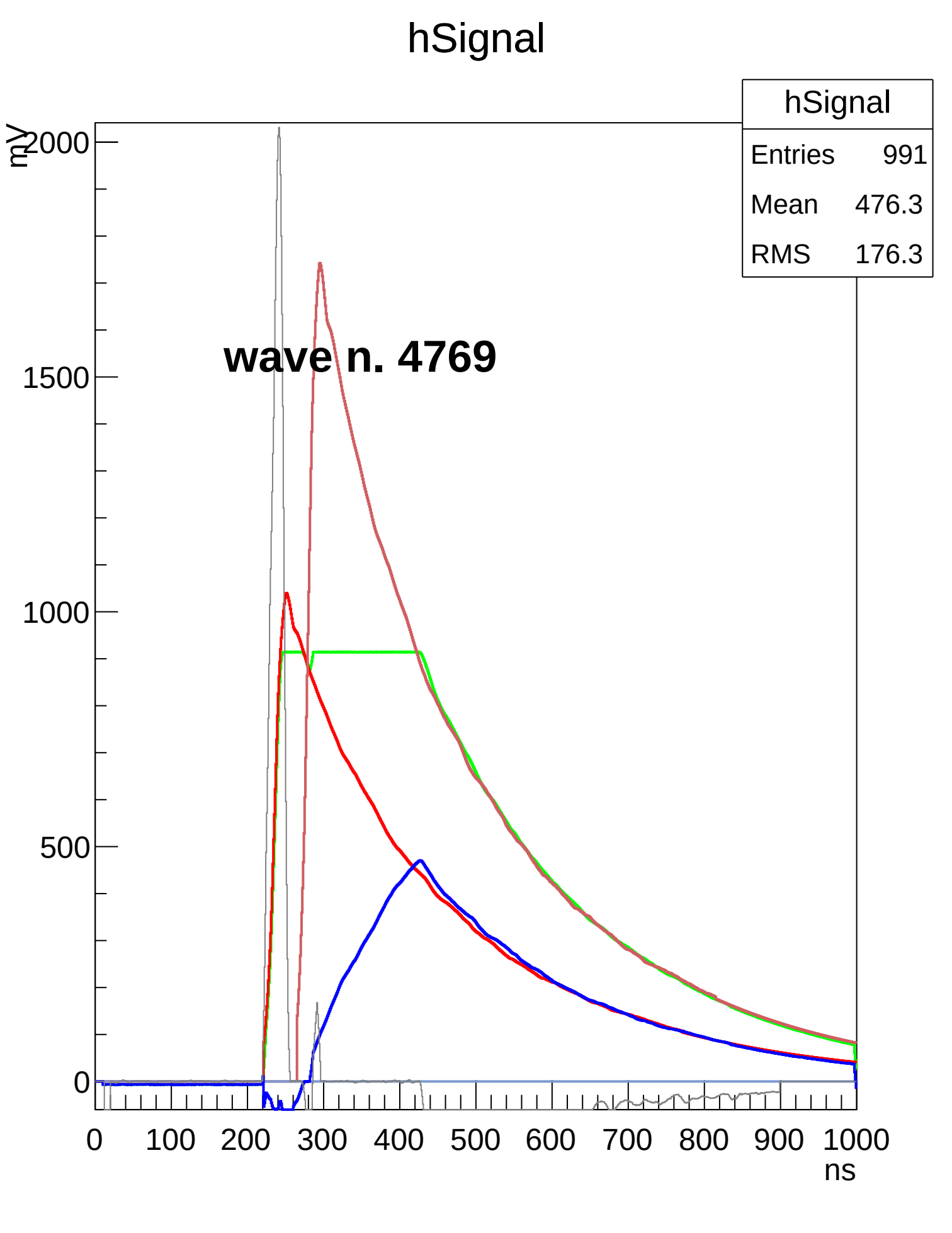
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 476.3
RMS 176.3
wave n. 4769
mV
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1500
1000
500
0
0
100
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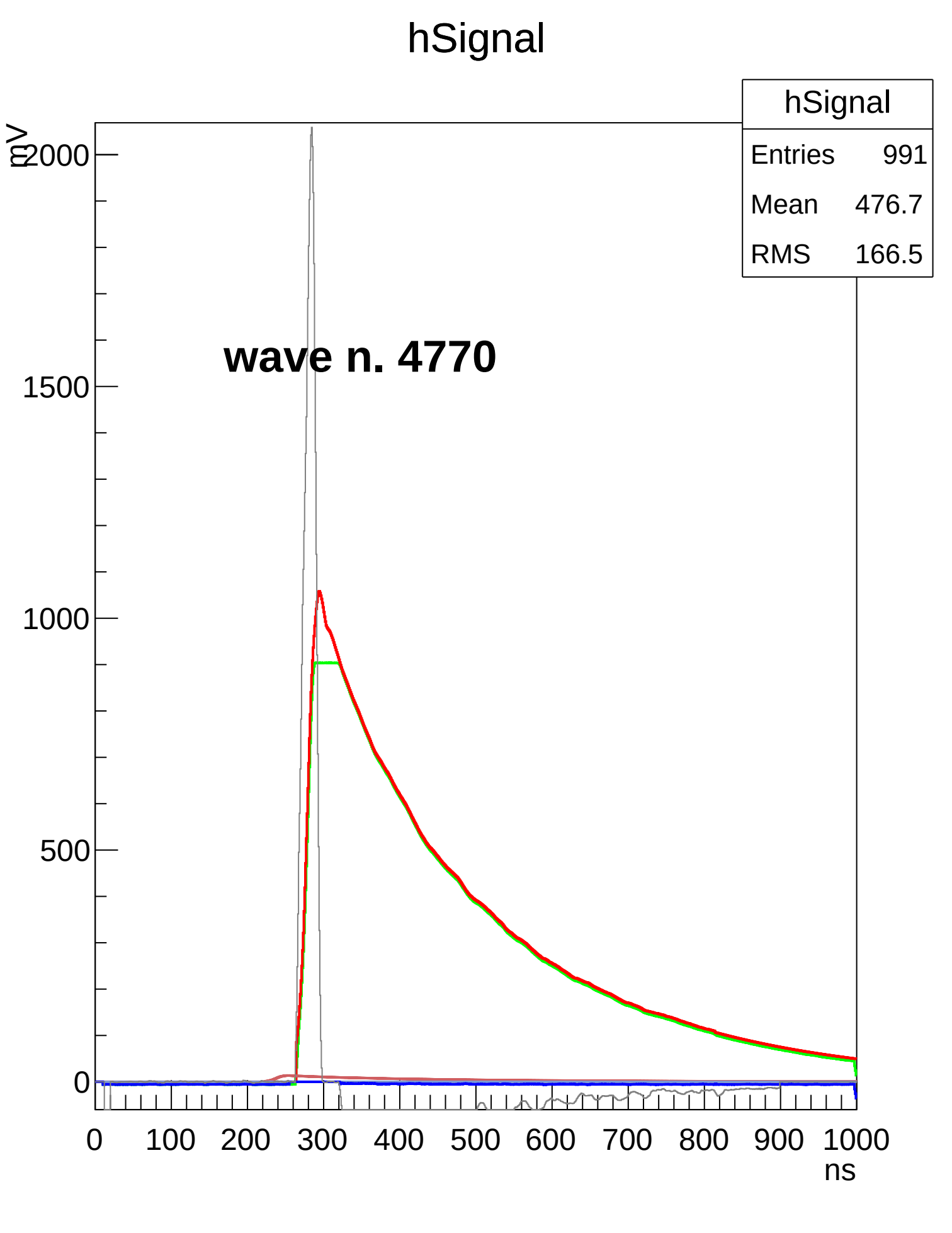
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 476.7
RMS 166.5
wave n. 4770
mV
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1000
500
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0
100
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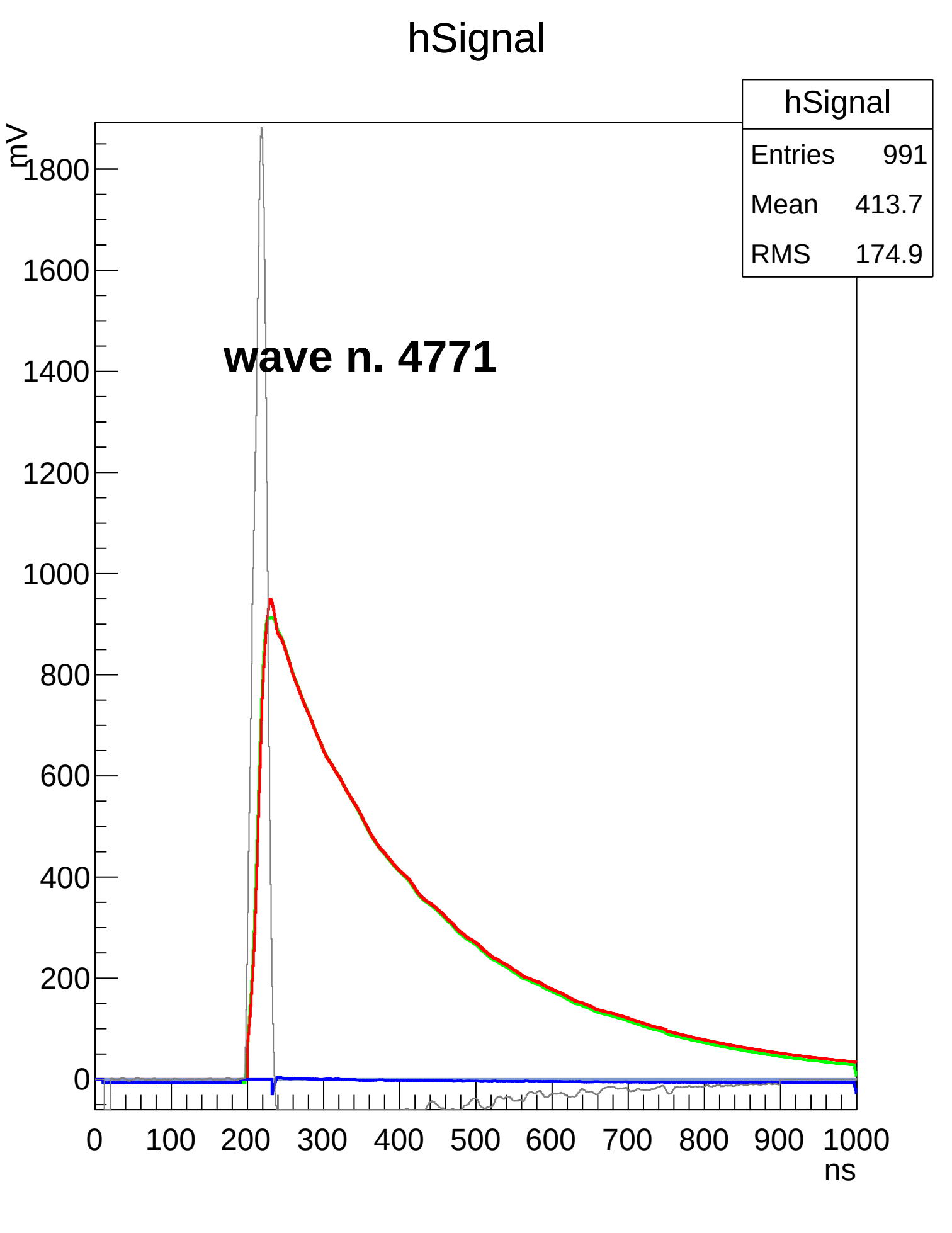
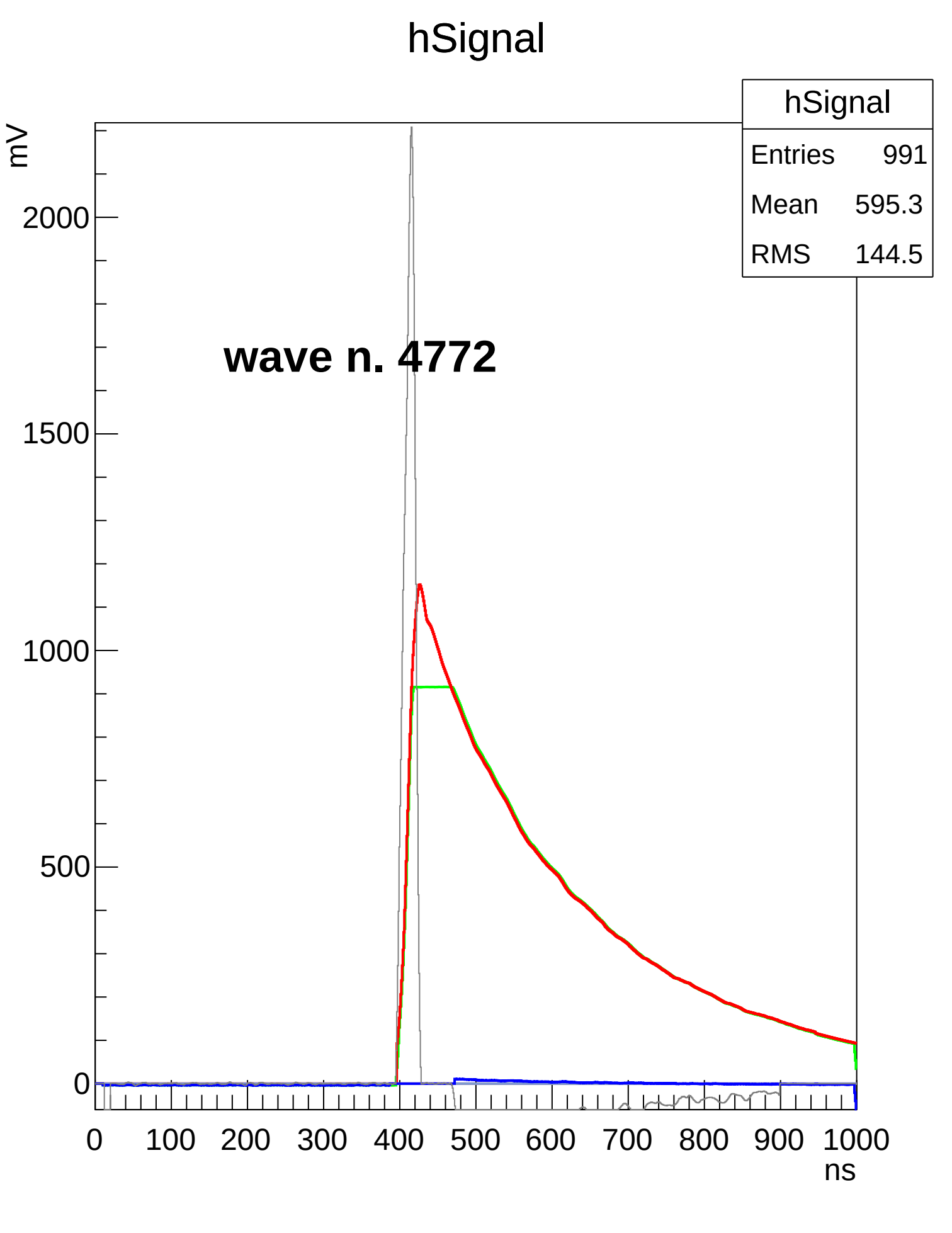
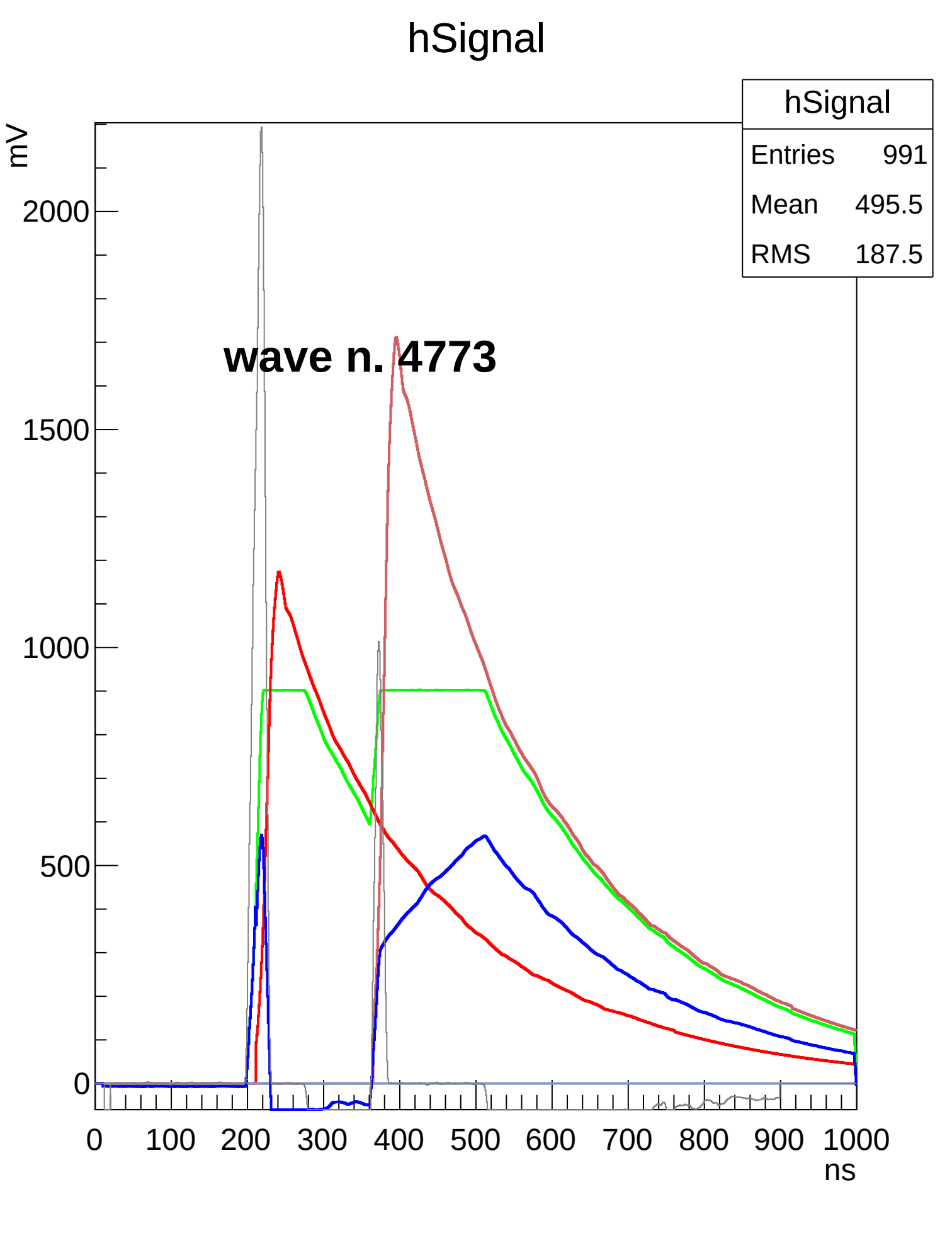
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 413.7
RMS 174.9
wave n. 4771
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 595.3
RMS 144.5
wave n. 4772
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 495.5
RMS 187.5
wave n. 4773
mV
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1000
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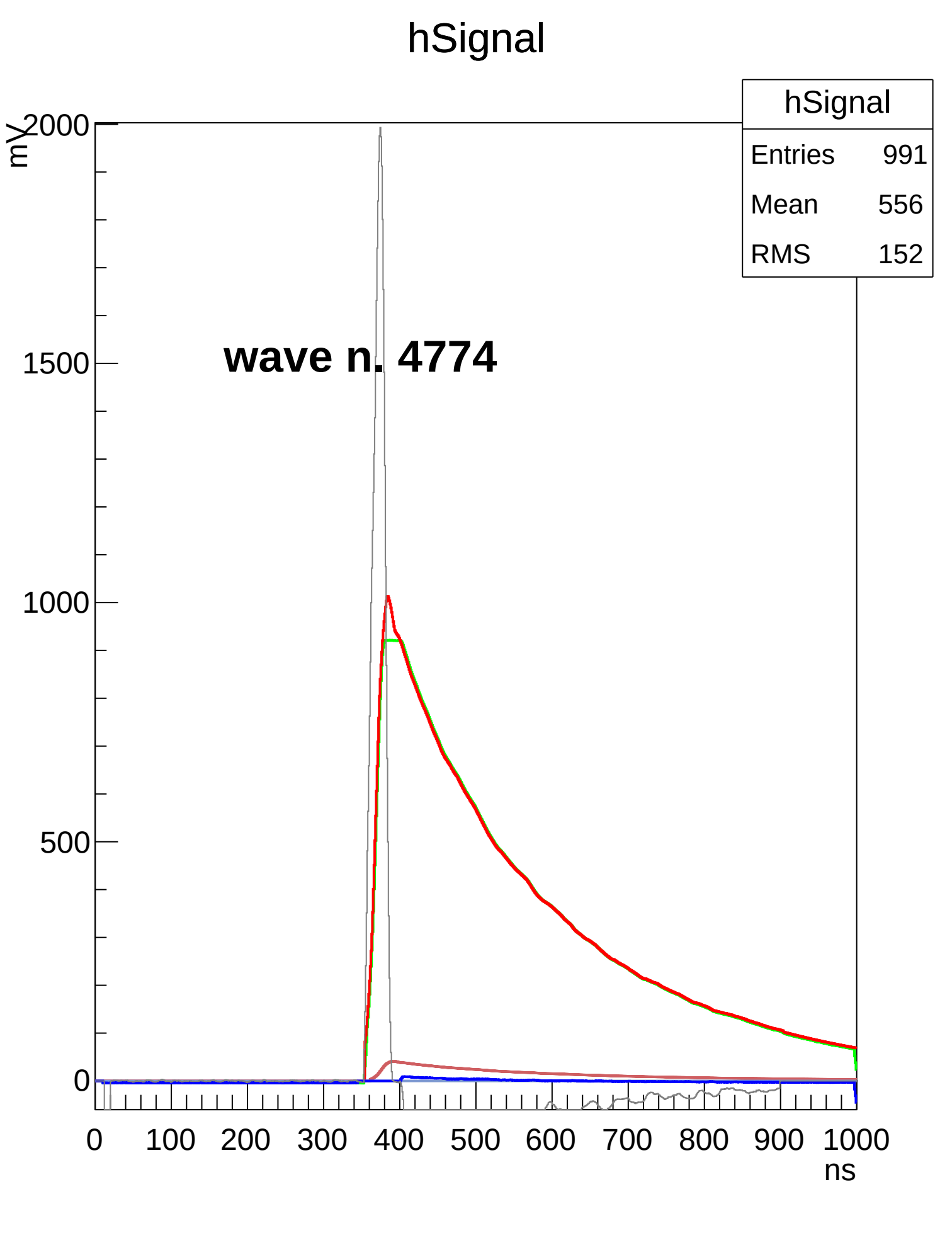
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556
RMS 152
wave n. 4774
mV
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1500
1000
500
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0
100
200
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400
500
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700
800
900
1000
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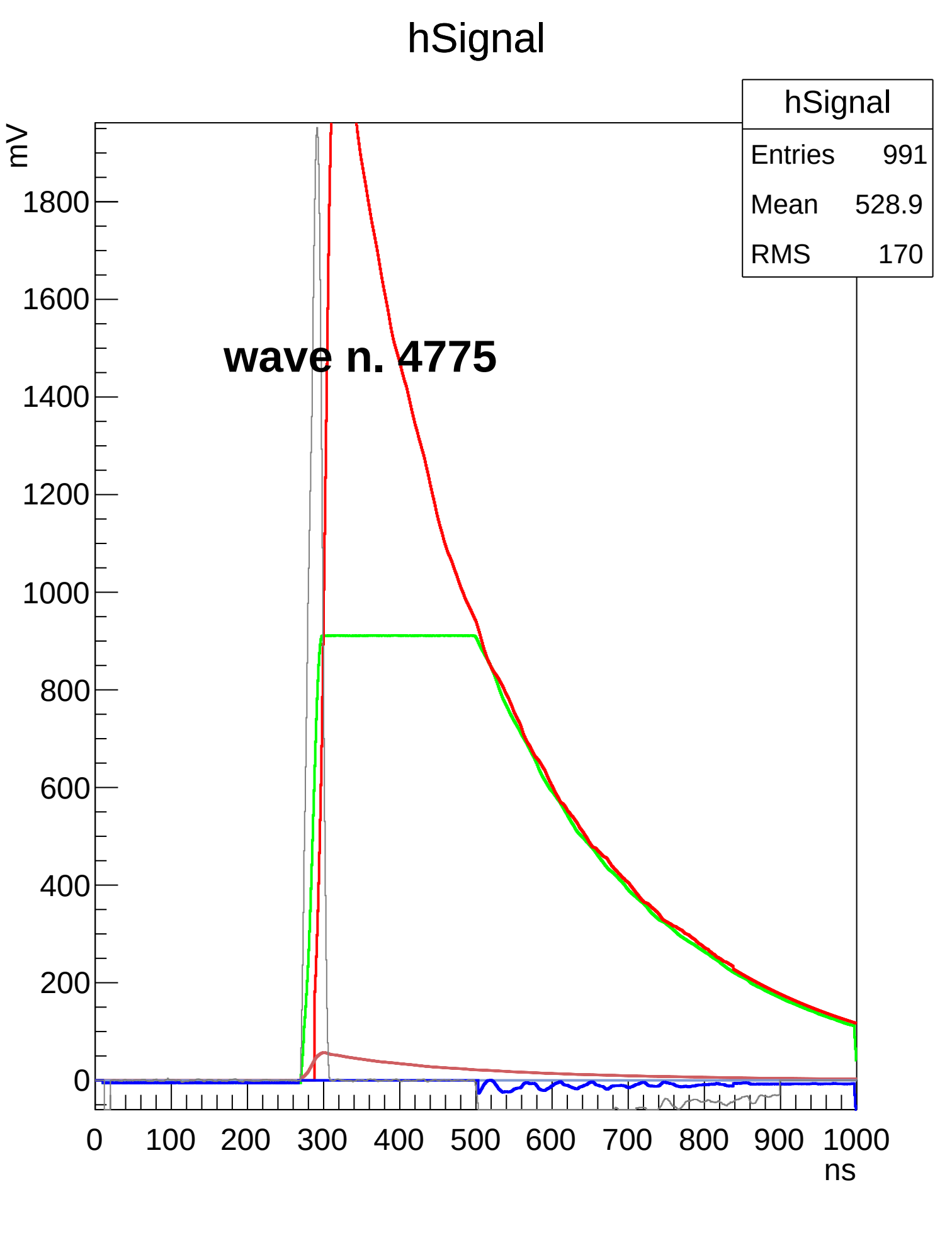
hSignal
hSignal
Entries 991
Mean 528.9
RMS 170
wave n. 4775
mV
1800
1600
1400
1200
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600
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200
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0
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400
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800
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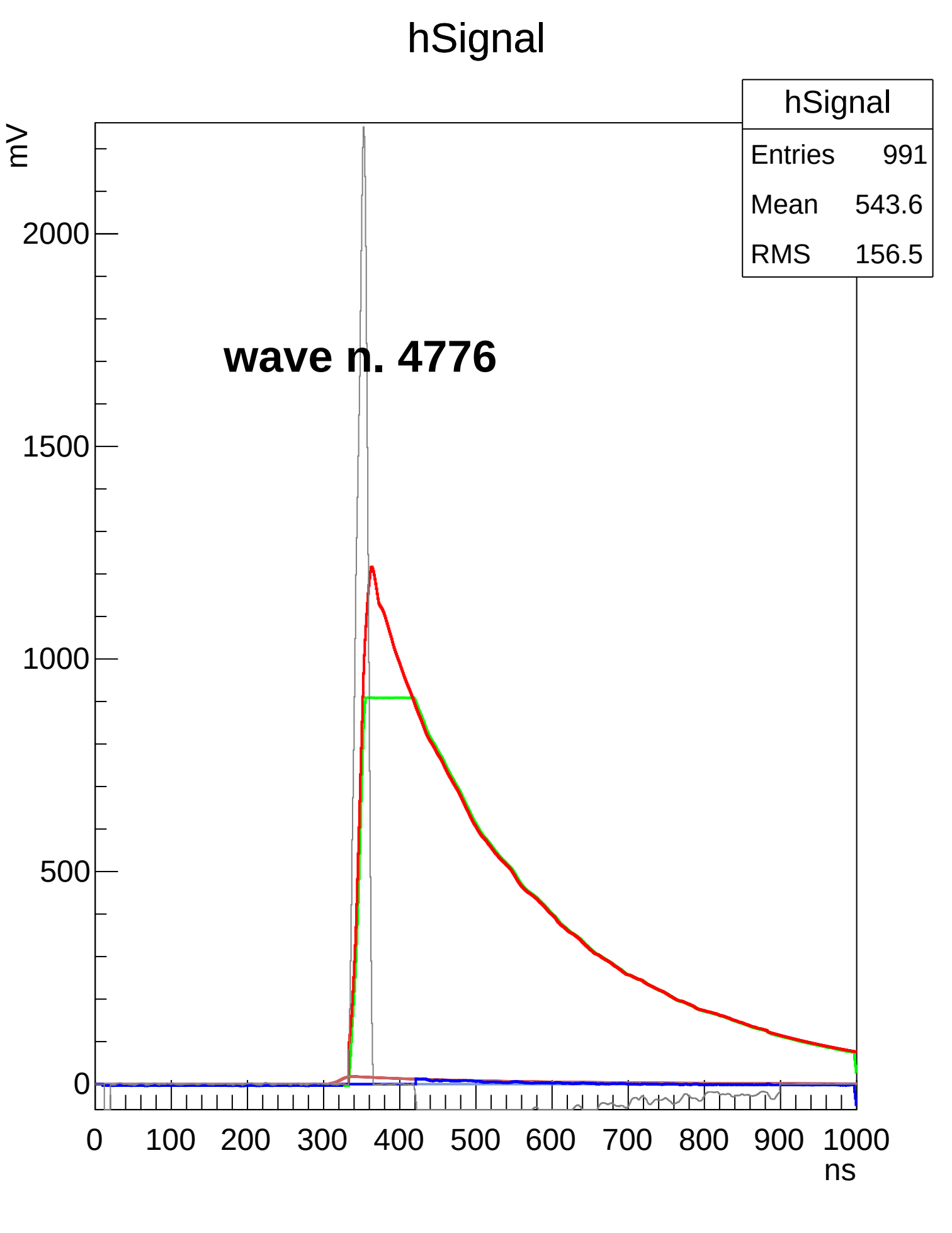
1000
ns


hSignal
hSignal
Entries 991
Mean 543.6
RMS 156.5
wave n. 4776
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1000
500
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0
100
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400
500
600
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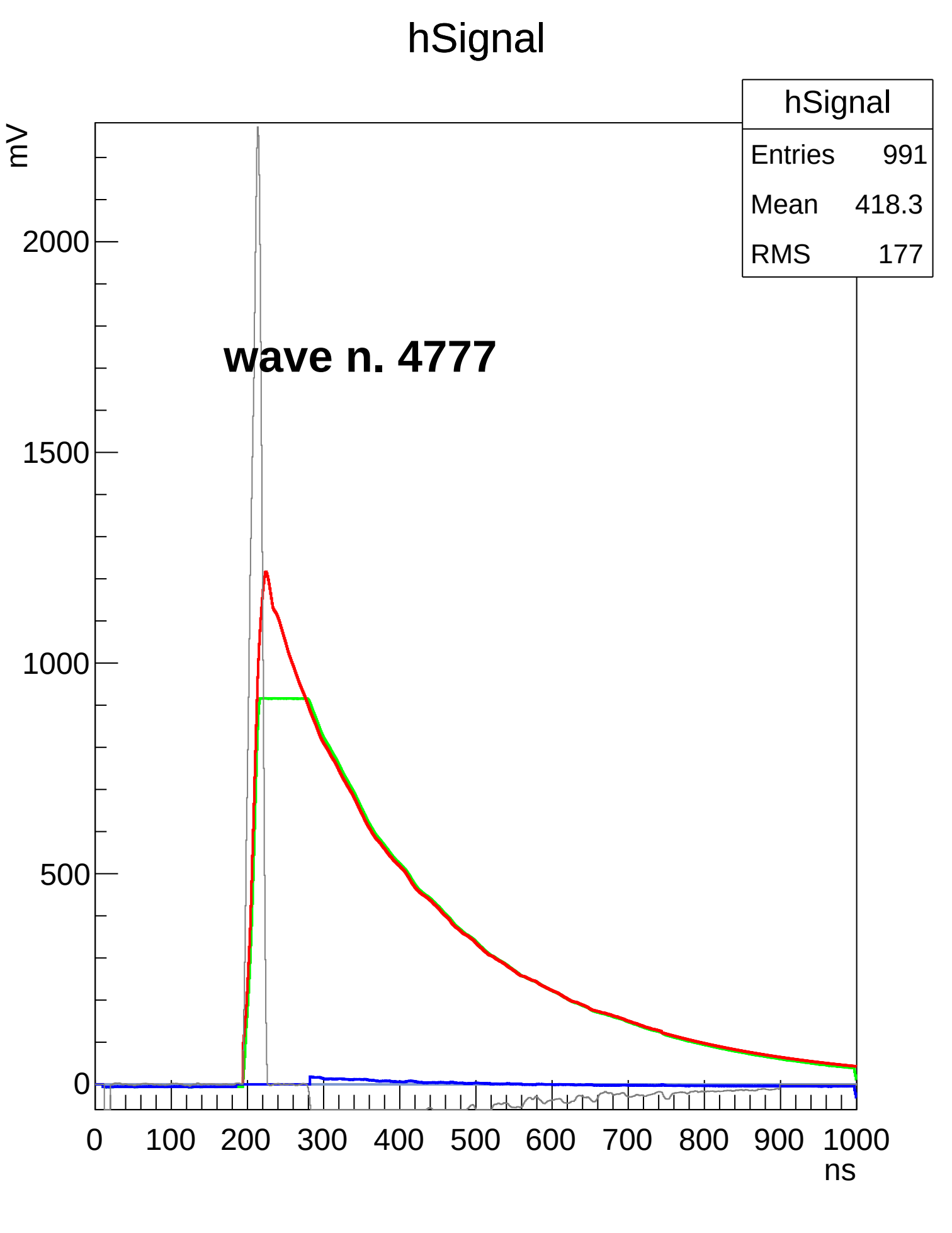
900
1000
ns


hSignal
hSignal
Entries 991
Mean 418.3
RMS 177
wave n. 4777
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400
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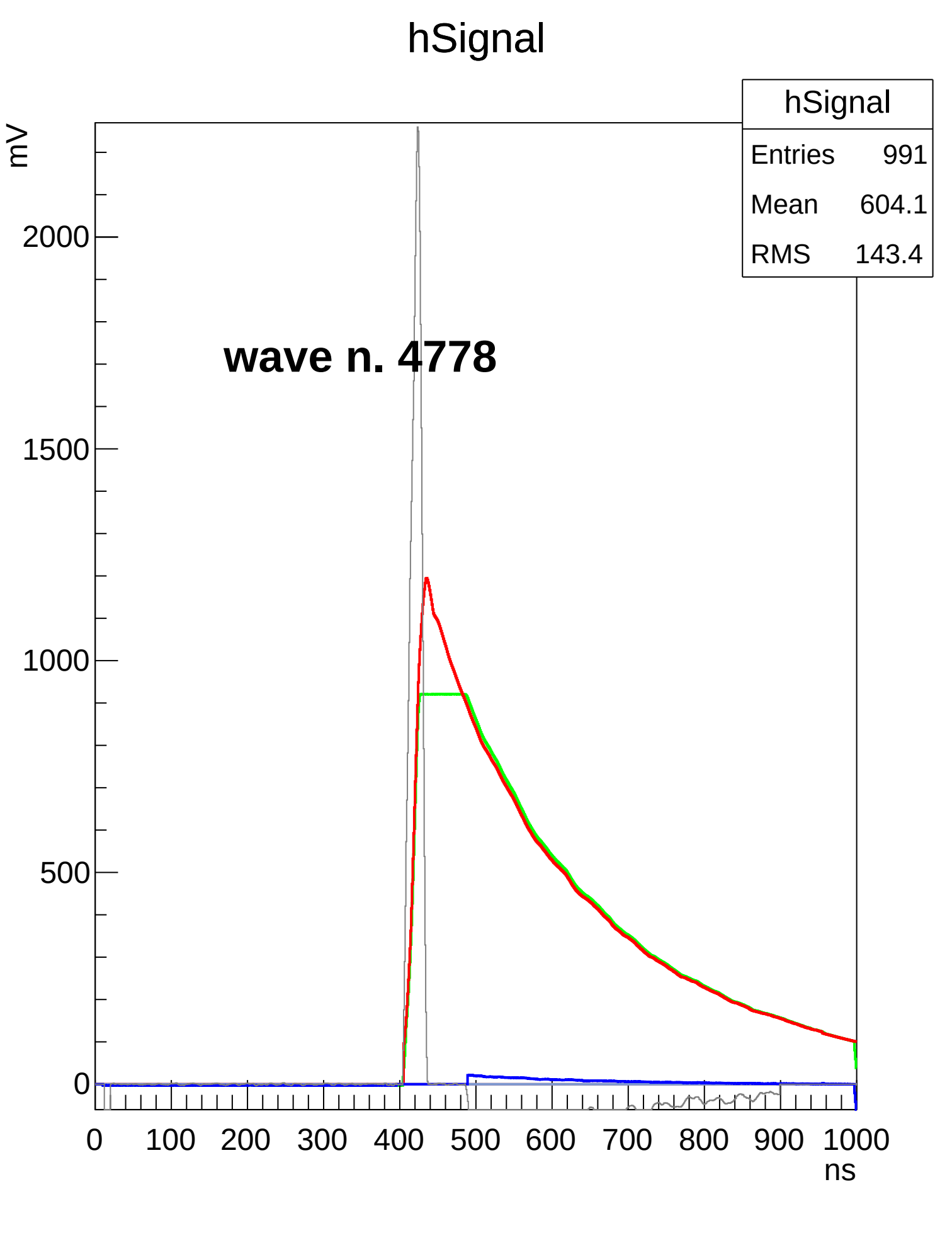
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 604.1
RMS 143.4
wave n. 4778
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1000
500
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0
100
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400
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600
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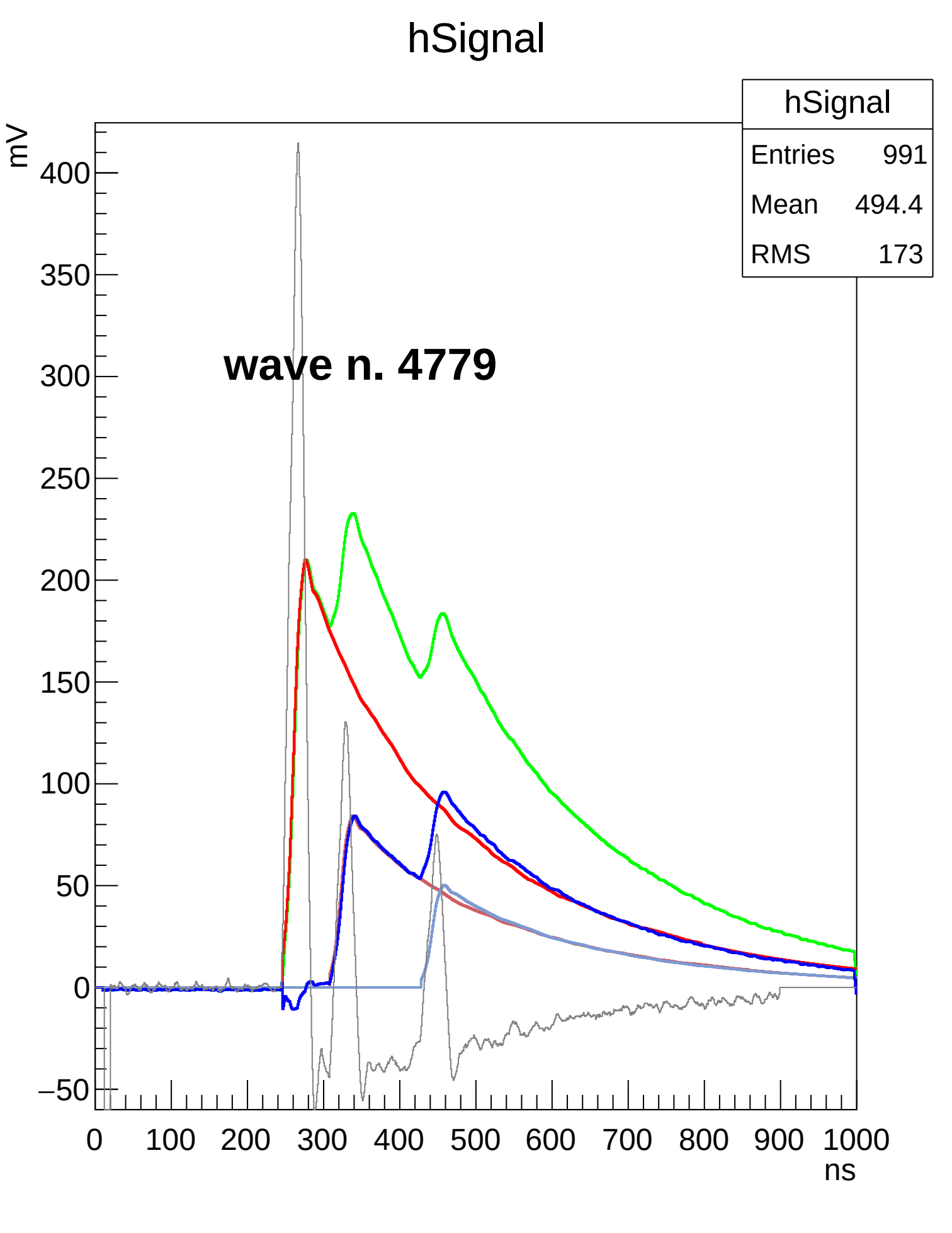
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 494.4
RMS 173
wave n. 4779
mV
400
350
300
250
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0
100
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400
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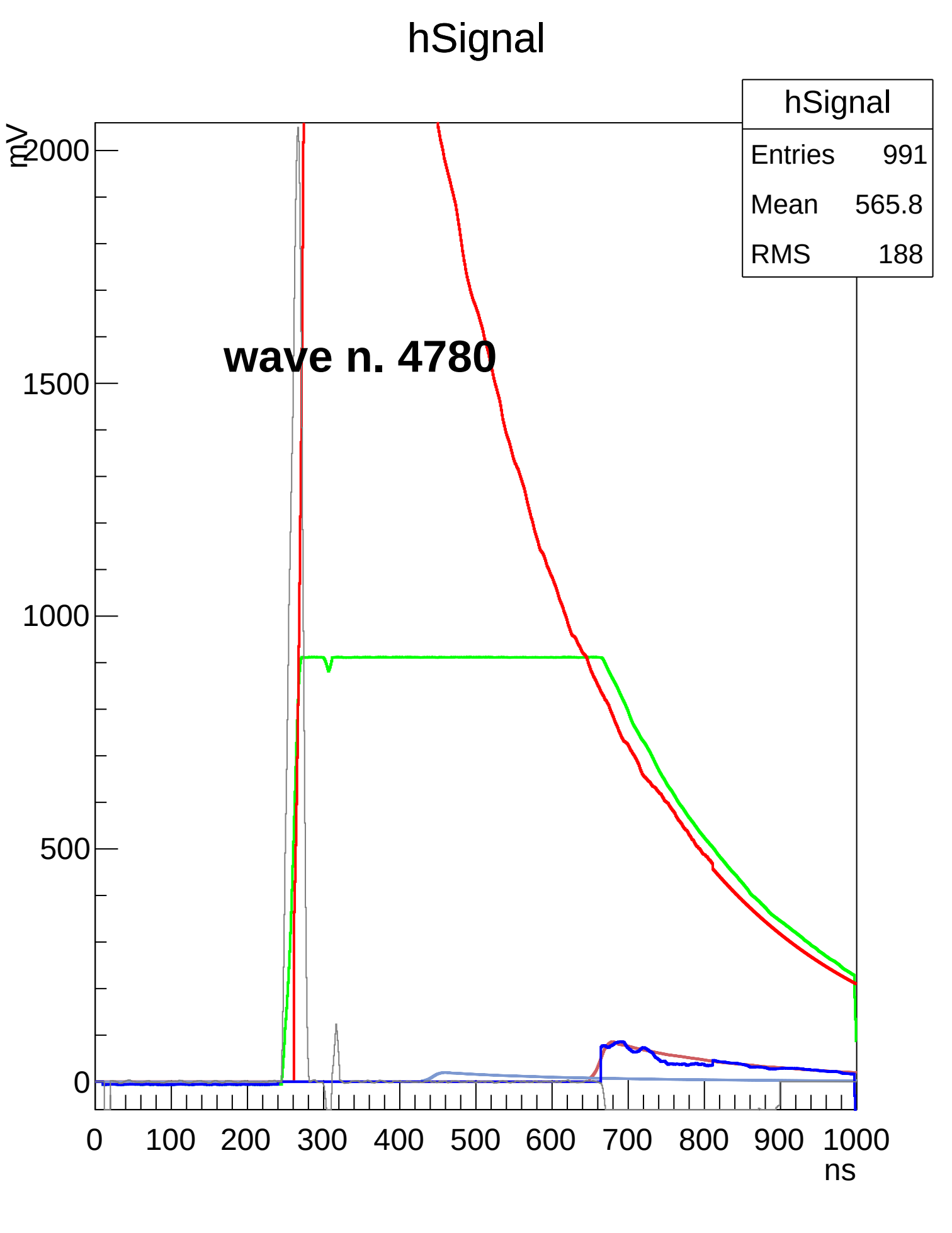
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.8
RMS 188
wave n. 4780
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1500
1000
500
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0
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800
900
1000
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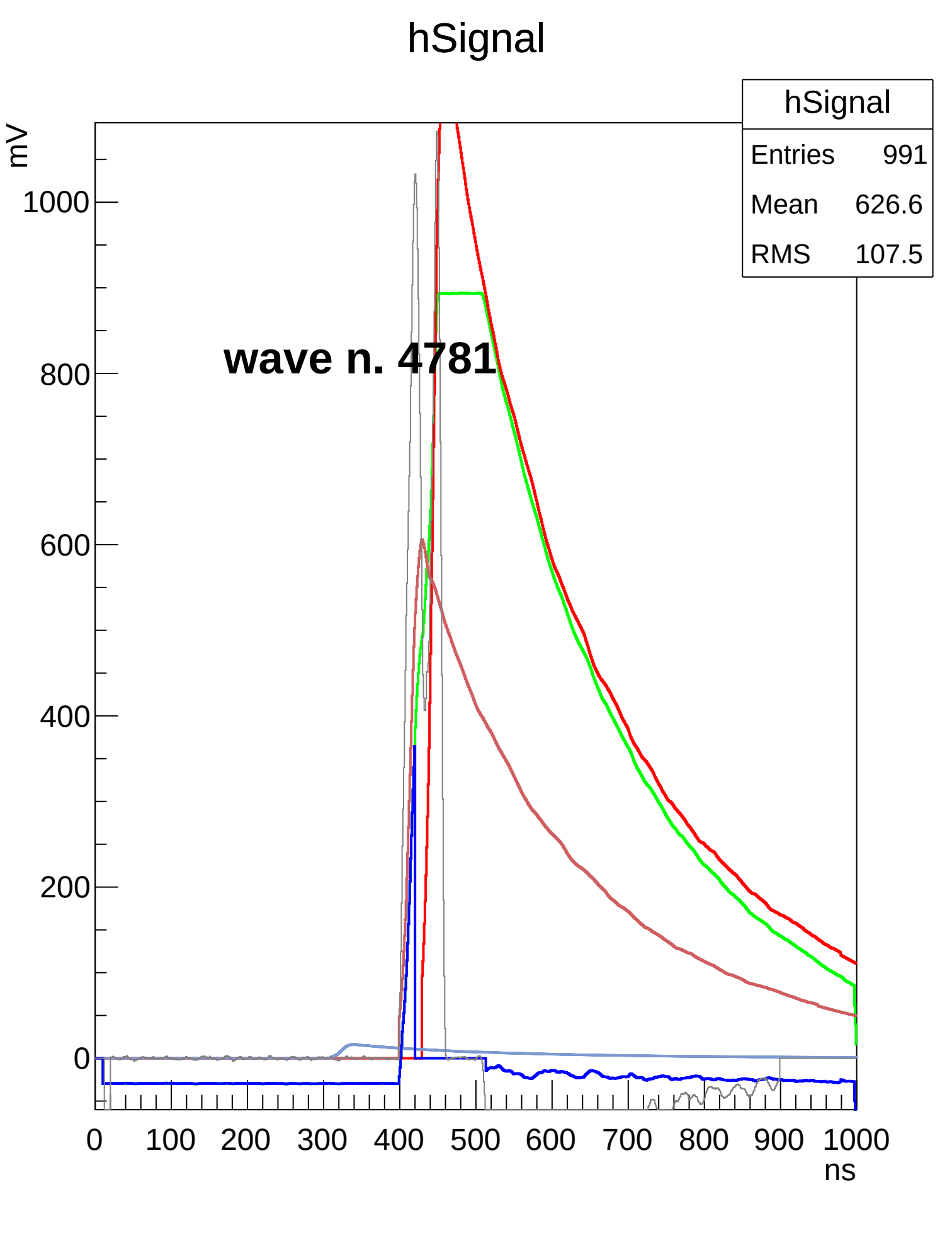
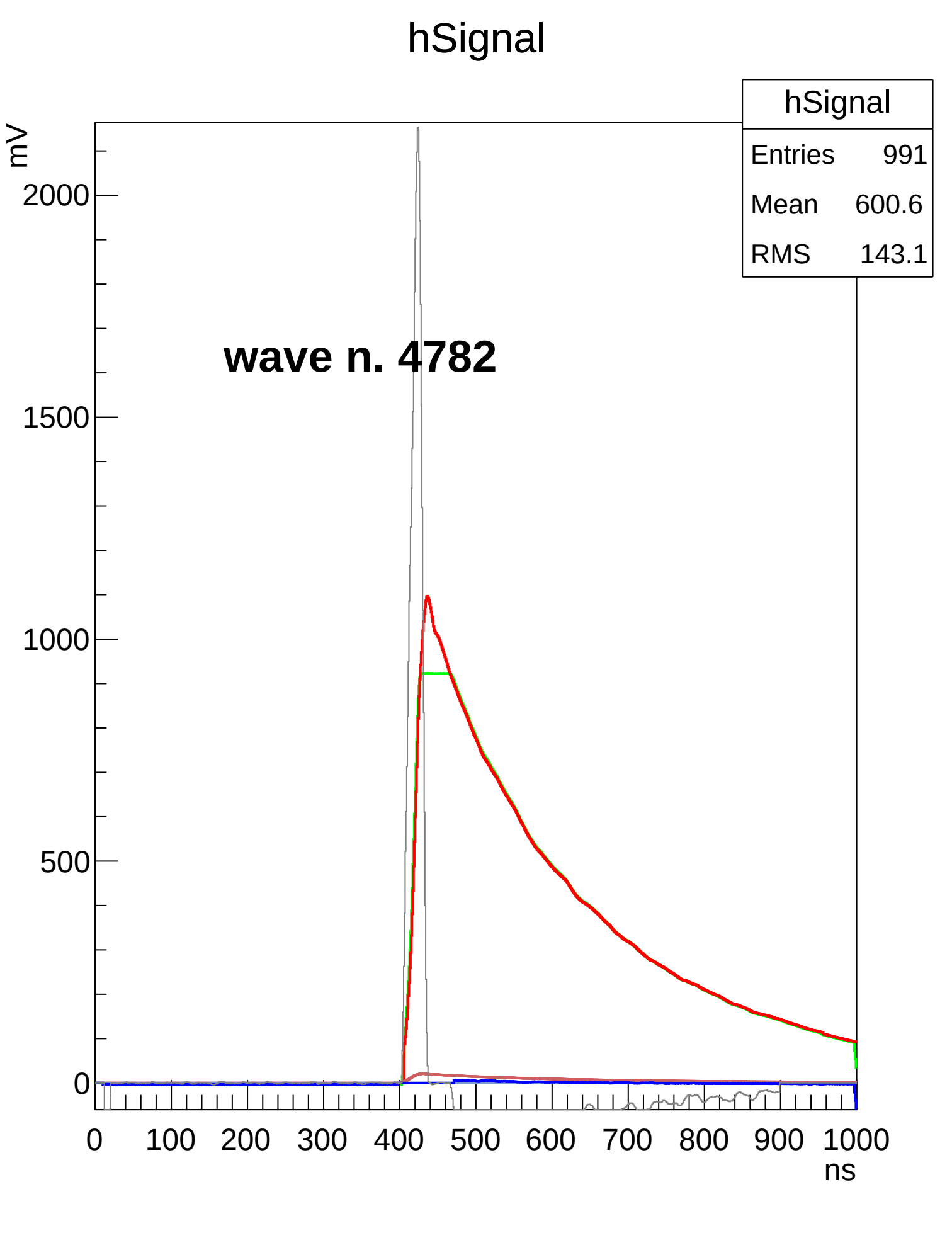

hSignal
hSignal
Entries 991
Mean 626.6
RMS 107.5
wave n. 4781
mV
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 600.6
RMS 143.1
wave n. 4782
mV
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1500
1000
500
0
0
100
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800
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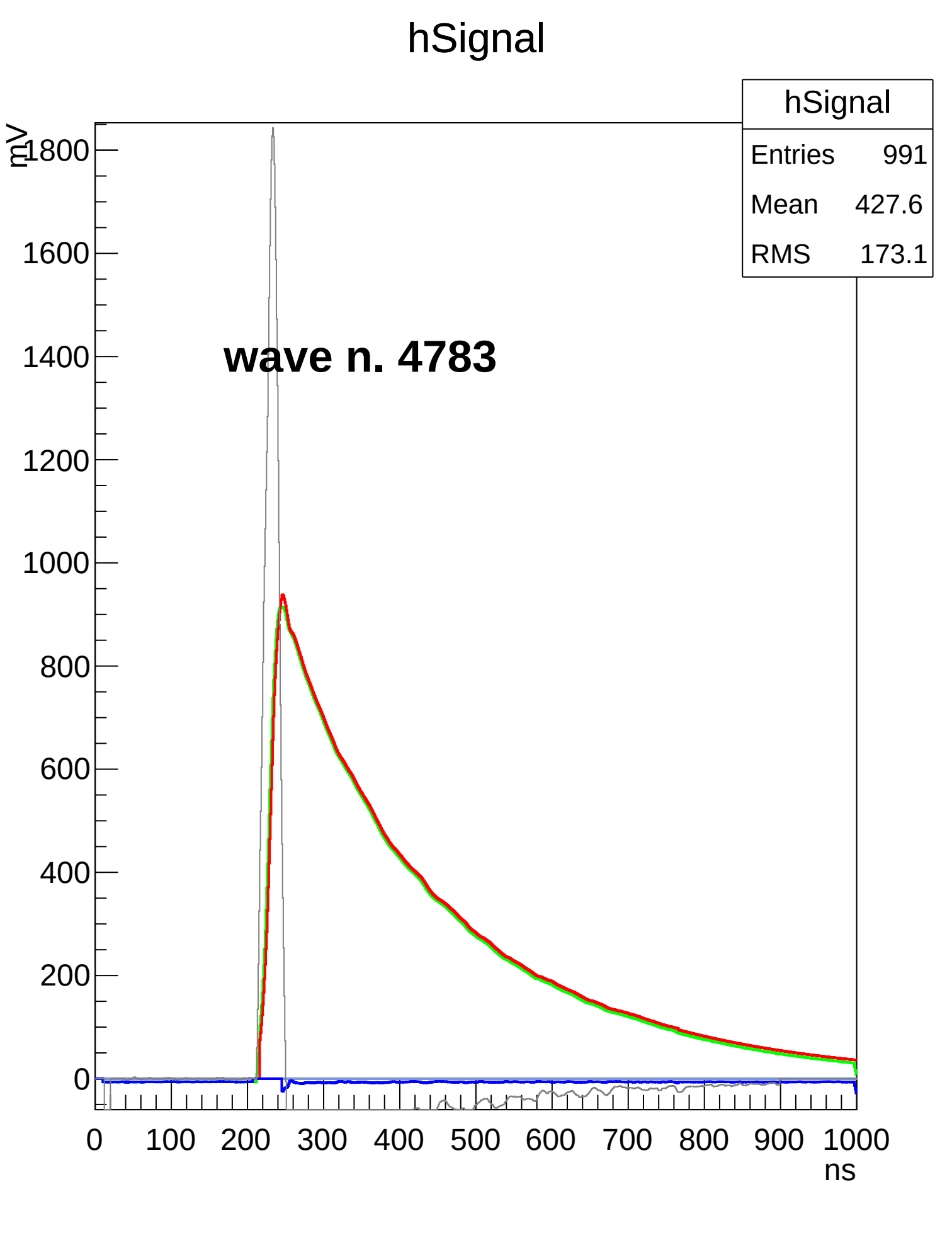
1000
ns


hSignal
hSignal
Entries 991
Mean 427.6
RMS 173.1
wave n. 4783
mV
1800
1600
1400
1200
1000
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400
200
0
0
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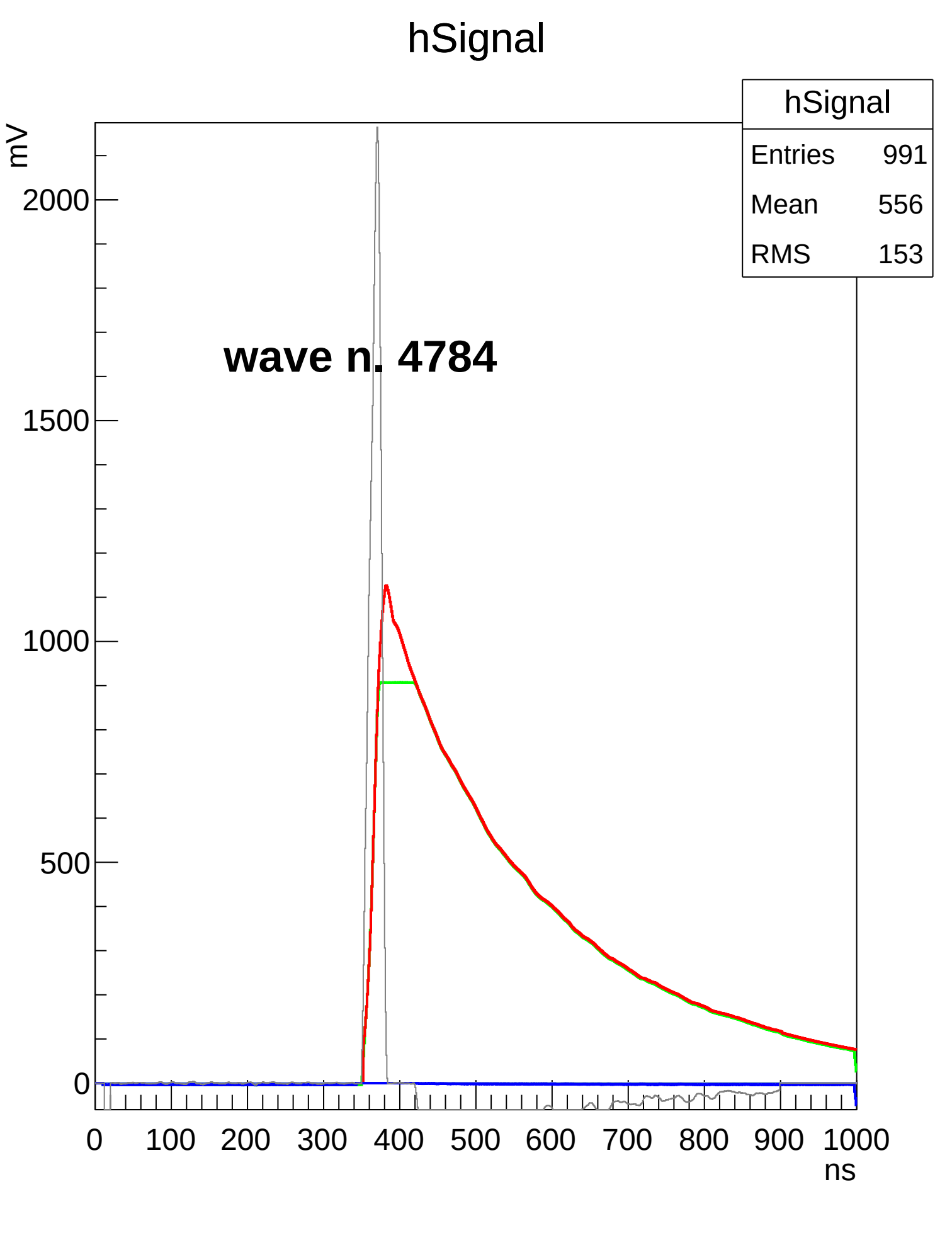
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556
RMS 153
wave n. 4784
mV
2000
1500
1000
500
0
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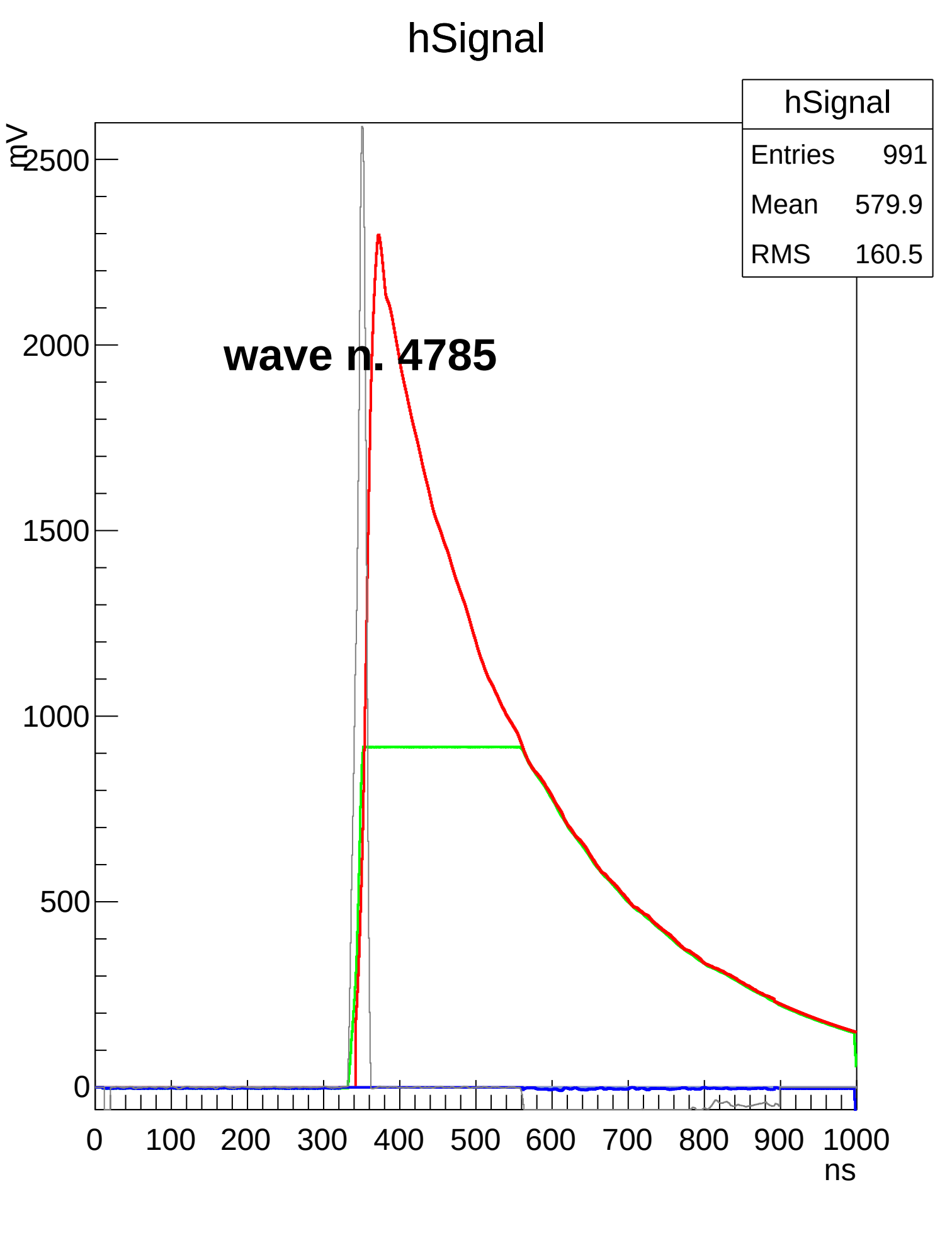
ns


hSignal
hSignal
Entries 991
Mean 579.9
RMS 160.5
wave n. 4785
mV
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1000
500
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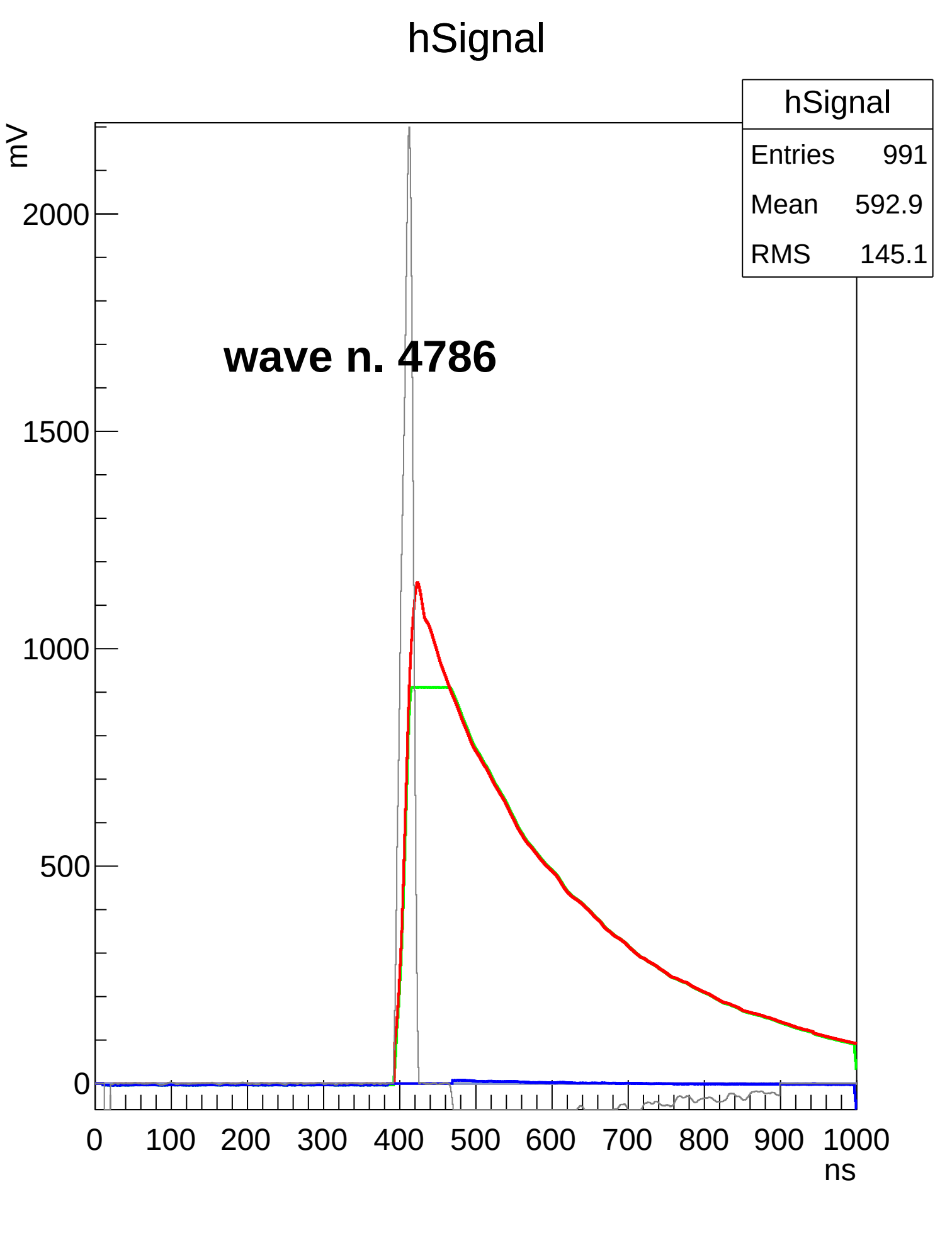
ns


hSignal
hSignal
Entries 991
Mean 592.9
RMS 145.1
wave n. 4786
mV
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1000
500
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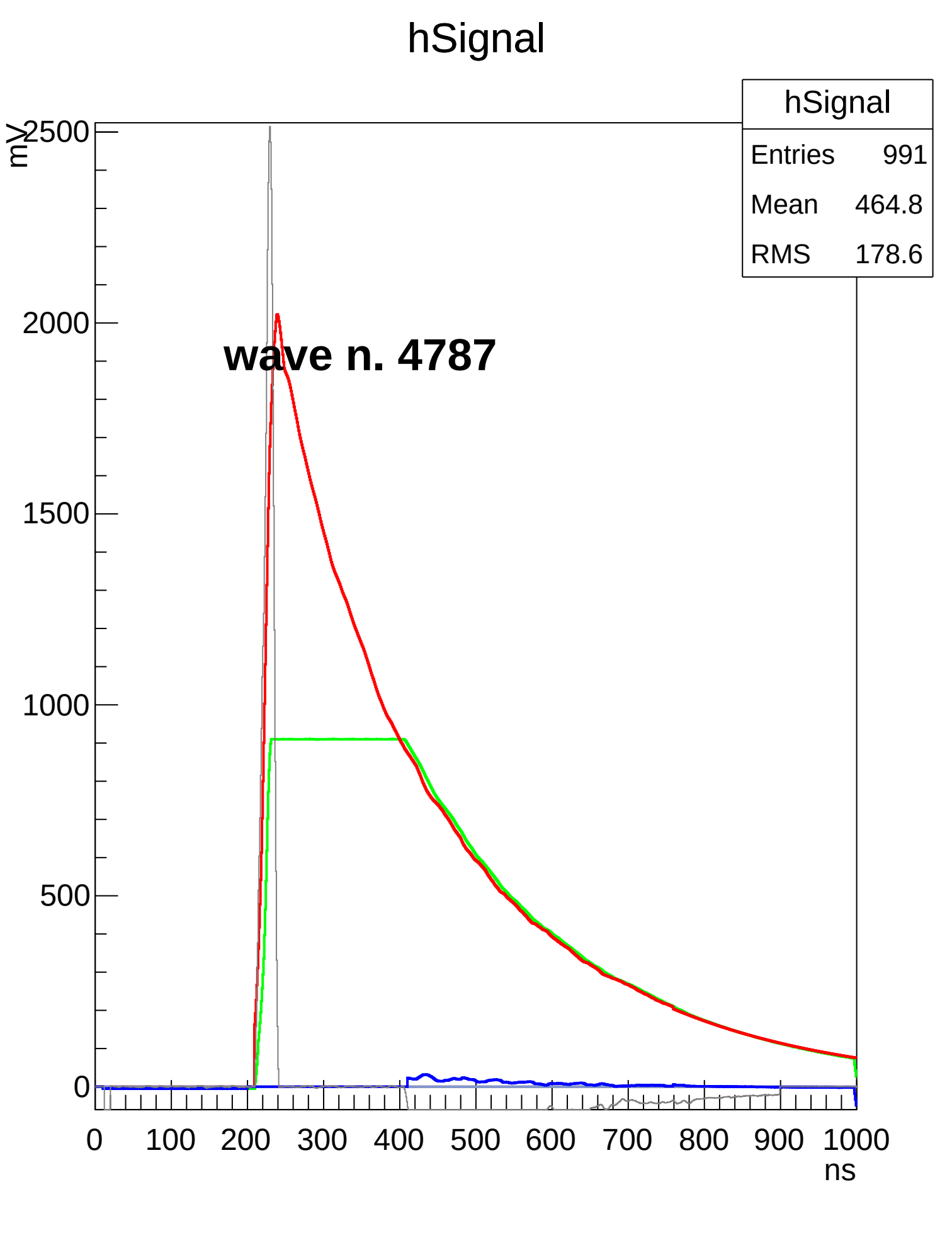
ns


hSignal
hSignal
Entries 991
Mean 464.8
RMS 178.6
wave n. 4787
mV
2500
2000
1500
1000
500
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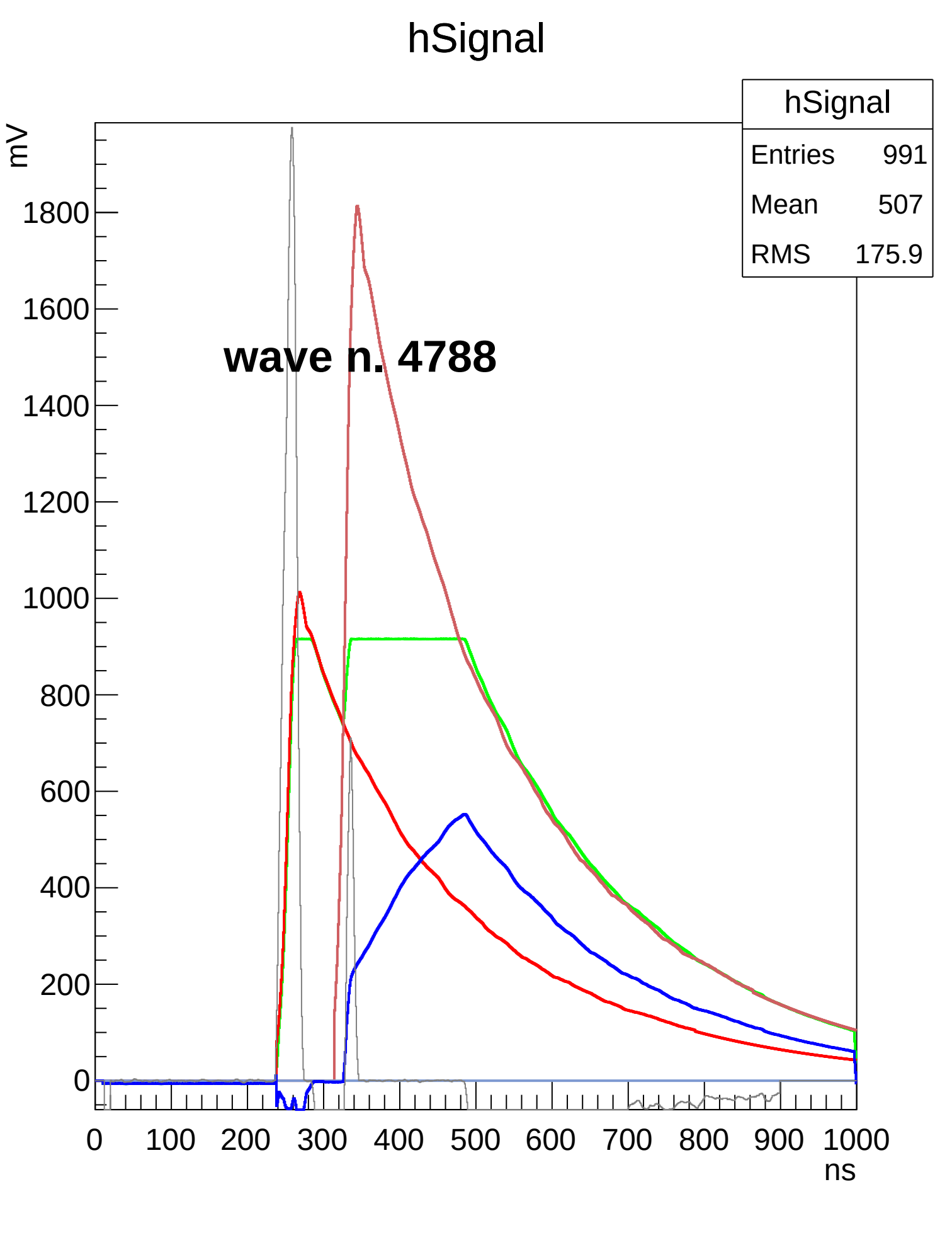
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507
RMS 175.9
wave n. 4788
mV
1800
1600
1400
1200
1000
800
600
400
200
0
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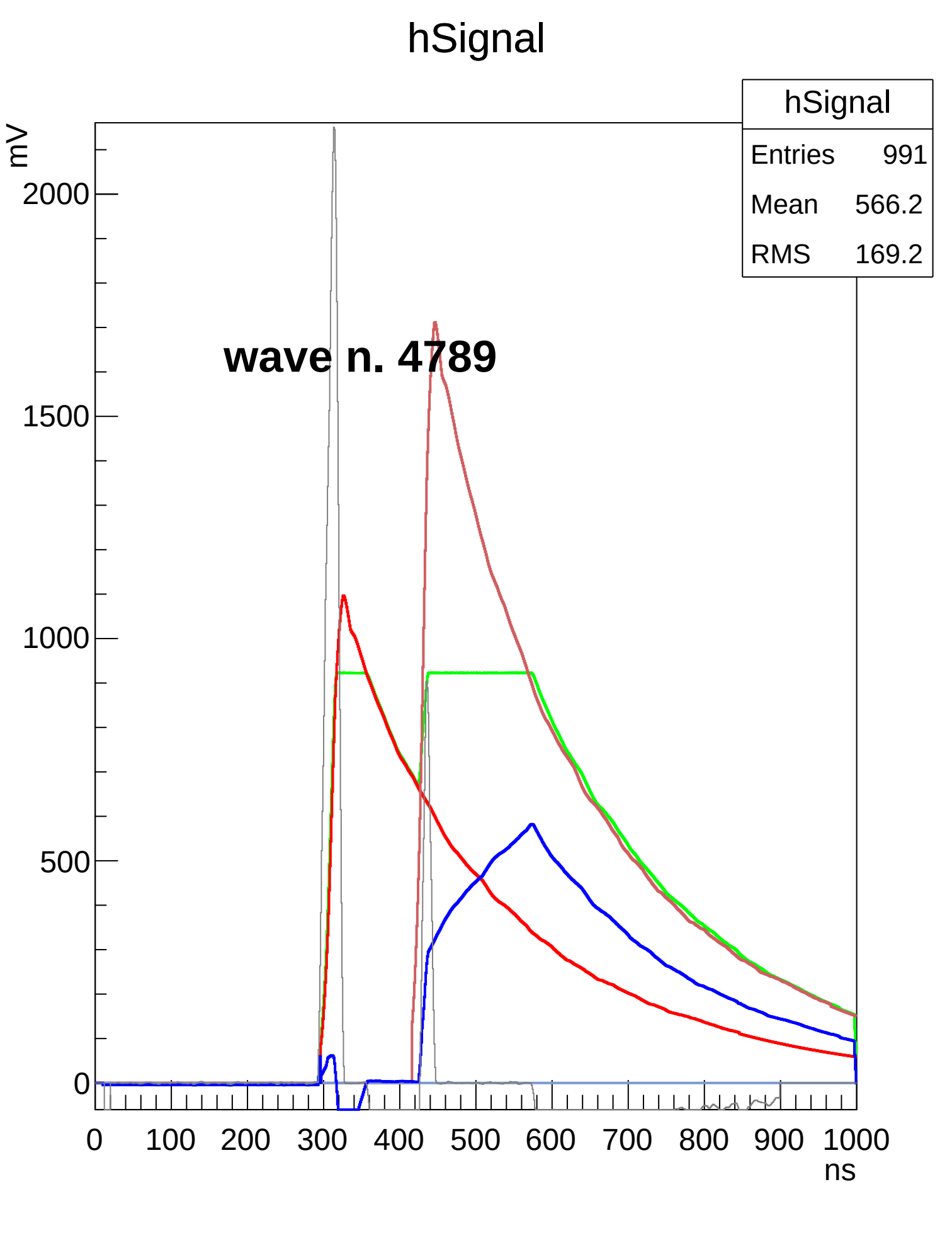
ns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hSignal
Entries 991
Mean 566.2
RMS 169.2
wave n. 4789
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800
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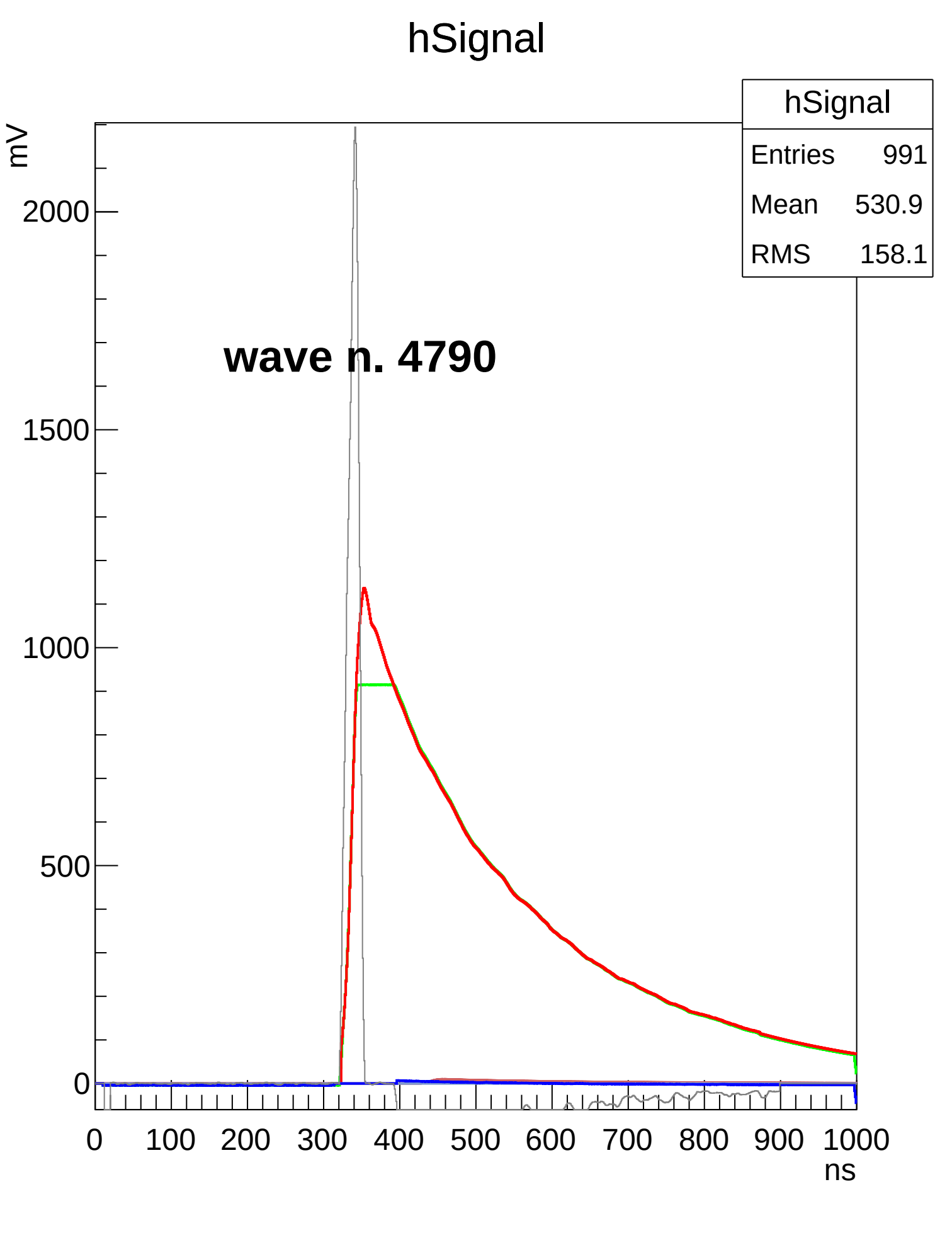
1000
ns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hSignal
Entries 991
Mean 530.9
RMS 158.1
wave n. 4790
mV
2000
1500
1000
500
0
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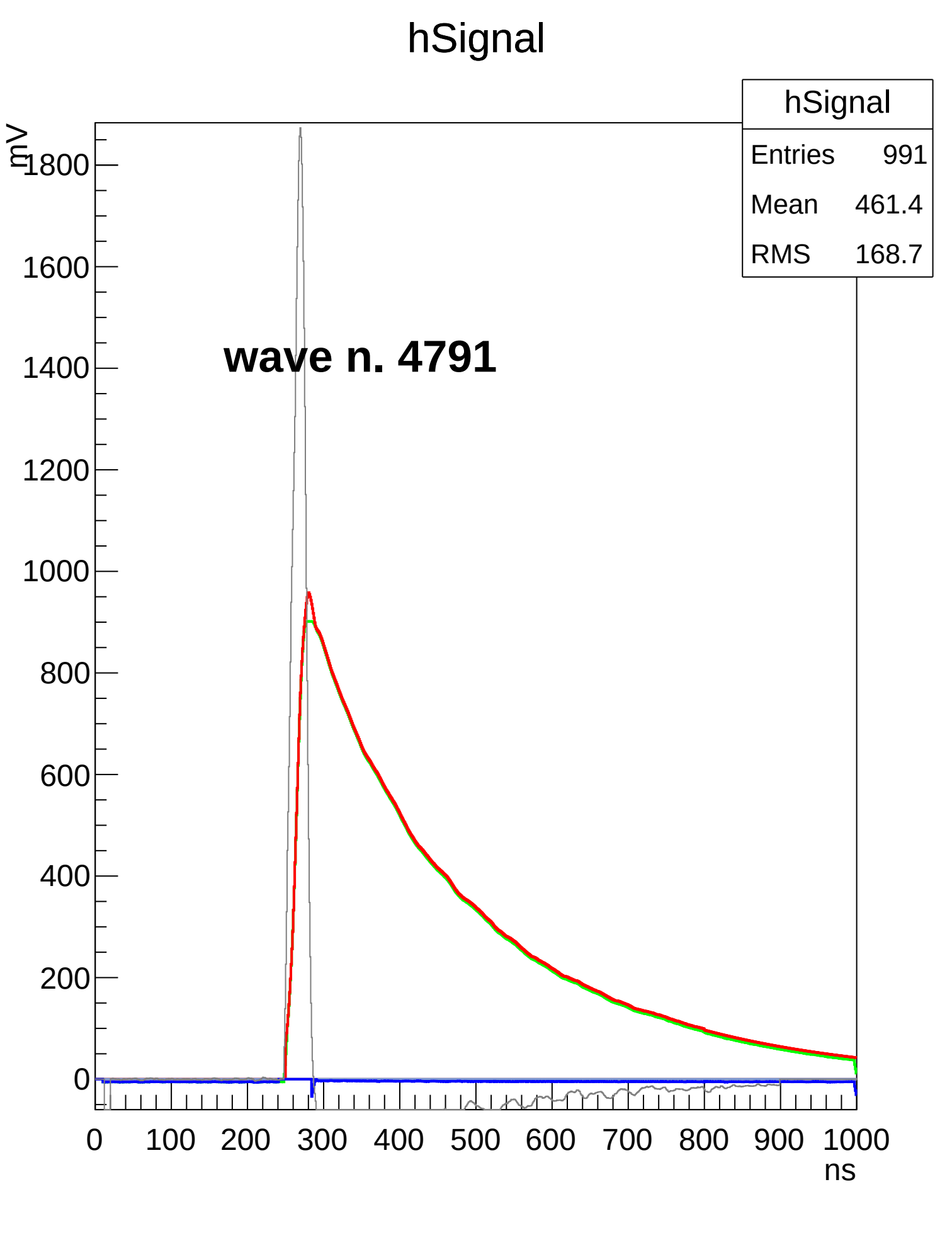
ns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hSignal
Entries 991
Mean 461.4
RMS 168.7
wave n. 4791
mV
1800
1600
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600
400
200
0
0
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400
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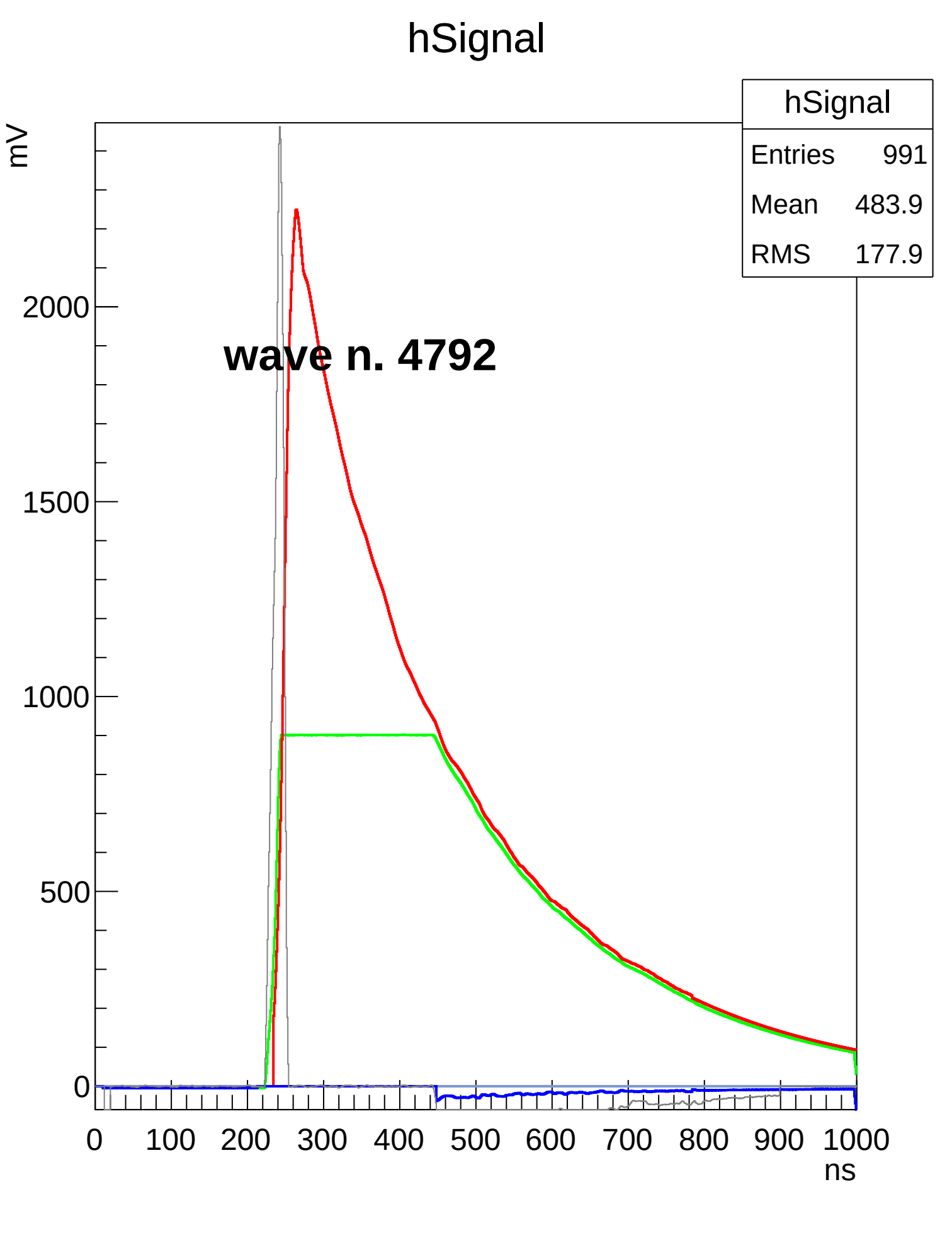
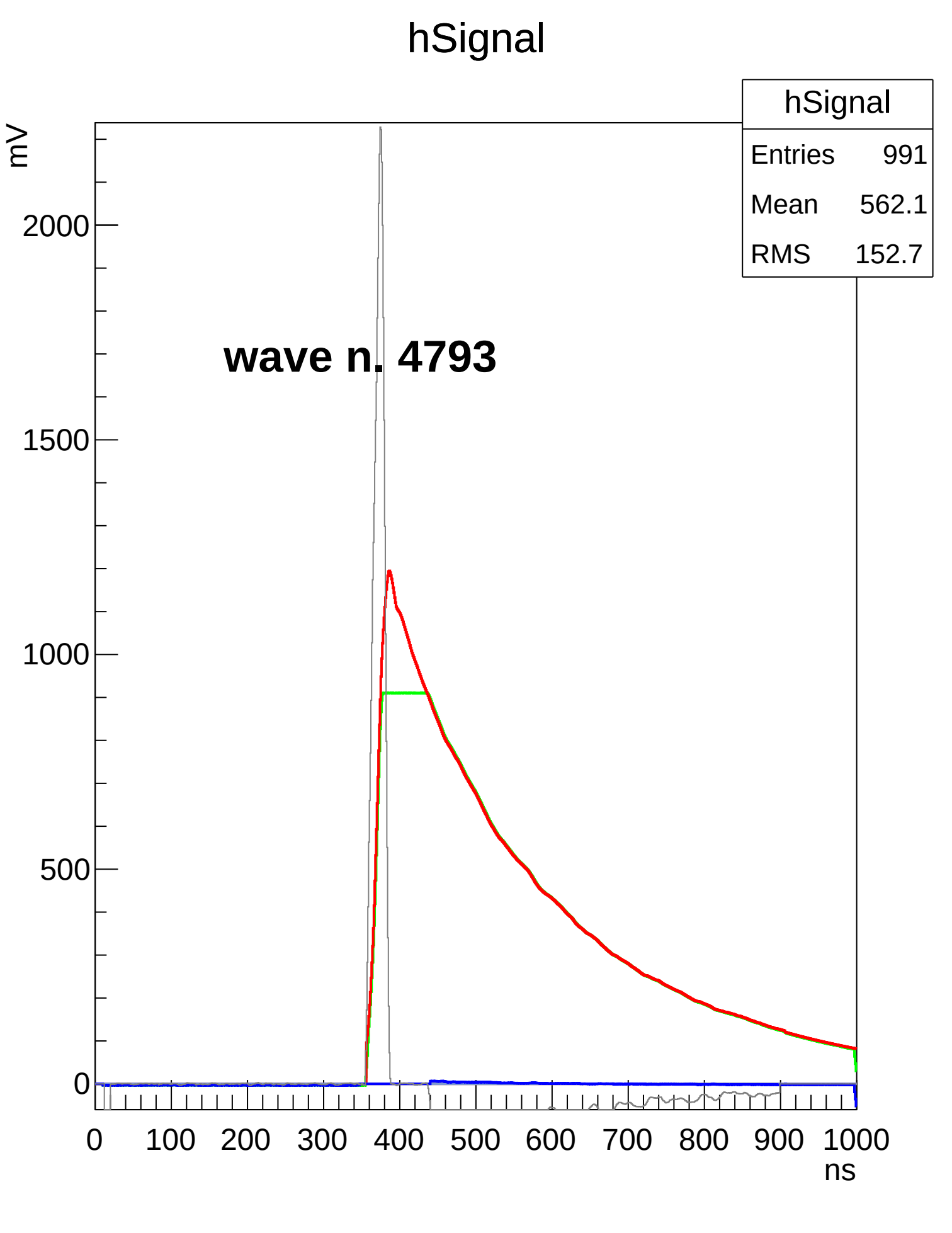
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 483.9
RMS 177.9
wave n. 4792
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 562.1
RMS 152.7
wave n. 4793
mV
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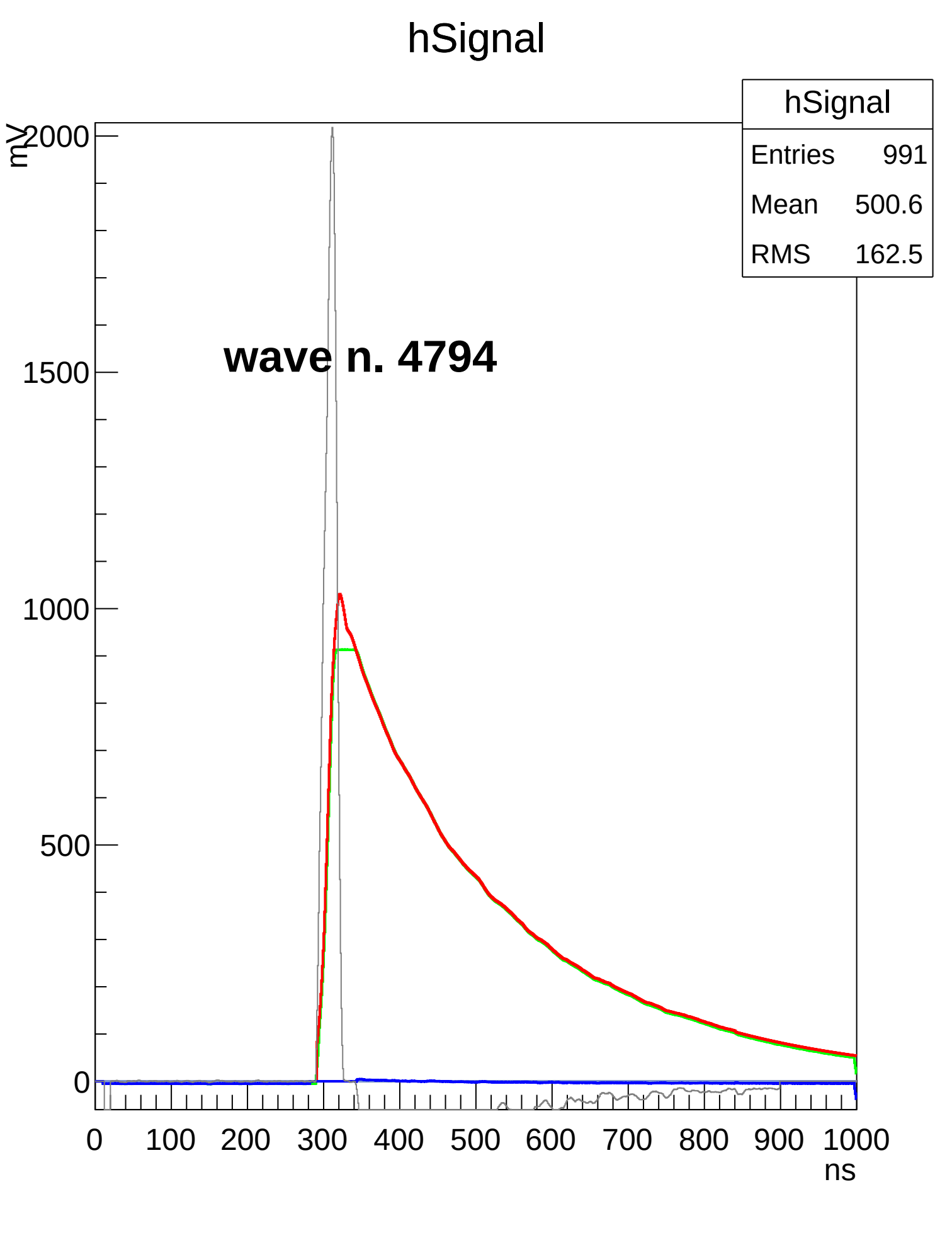
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 500.6
RMS 162.5
wave n. 4794
mV
2000
1500
1000
500
0
0
100
200
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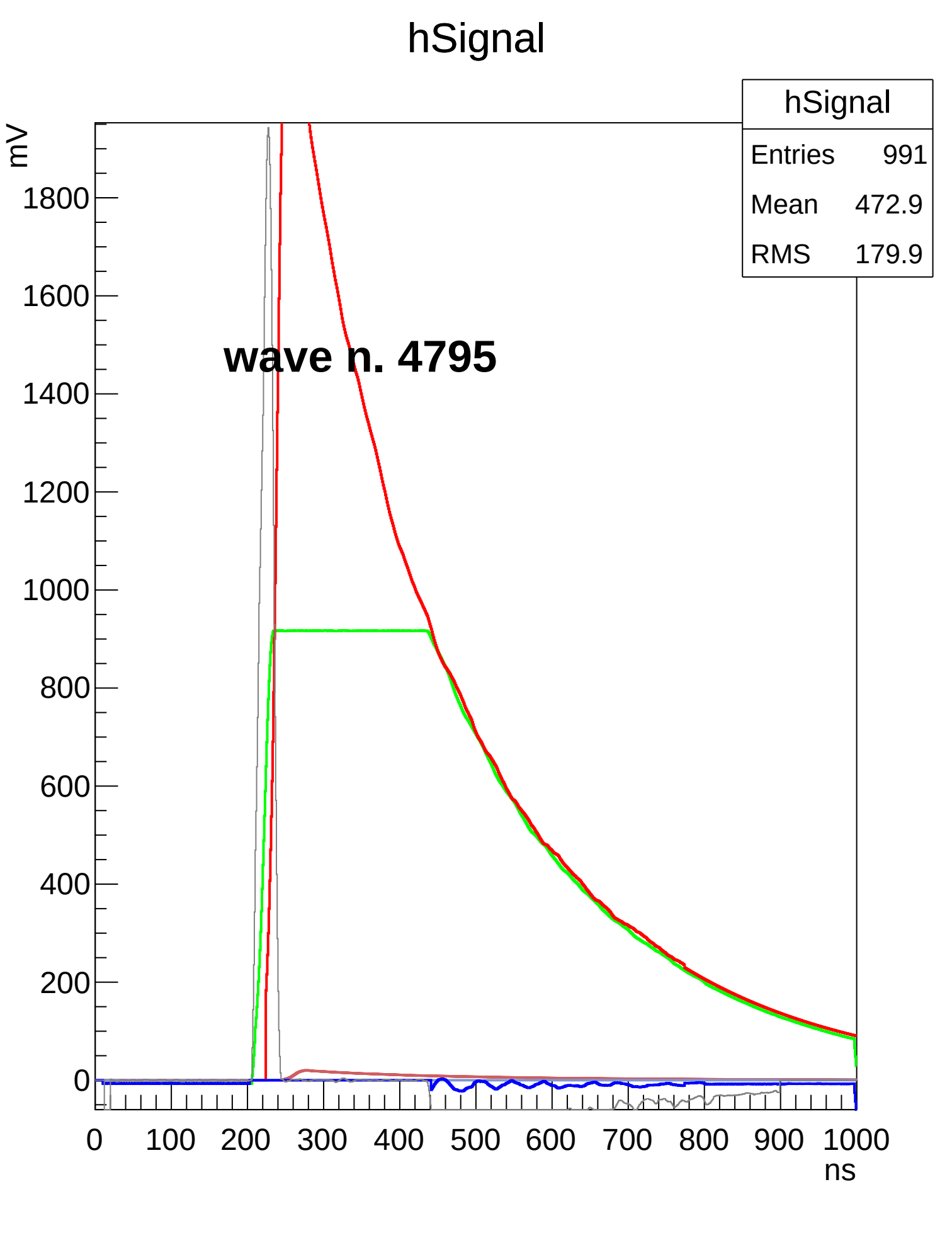
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 472.9
RMS 179.9
wave n. 4795
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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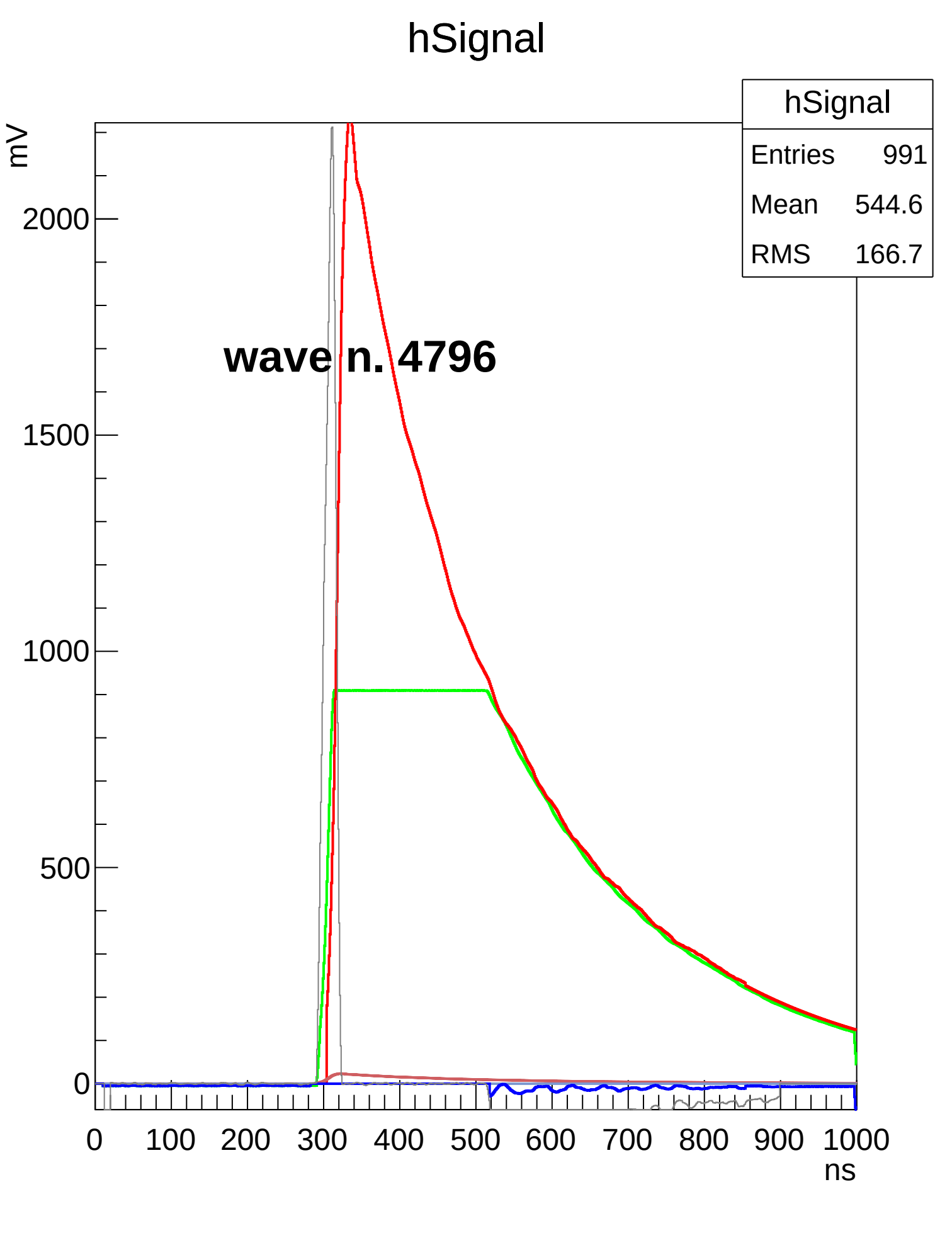
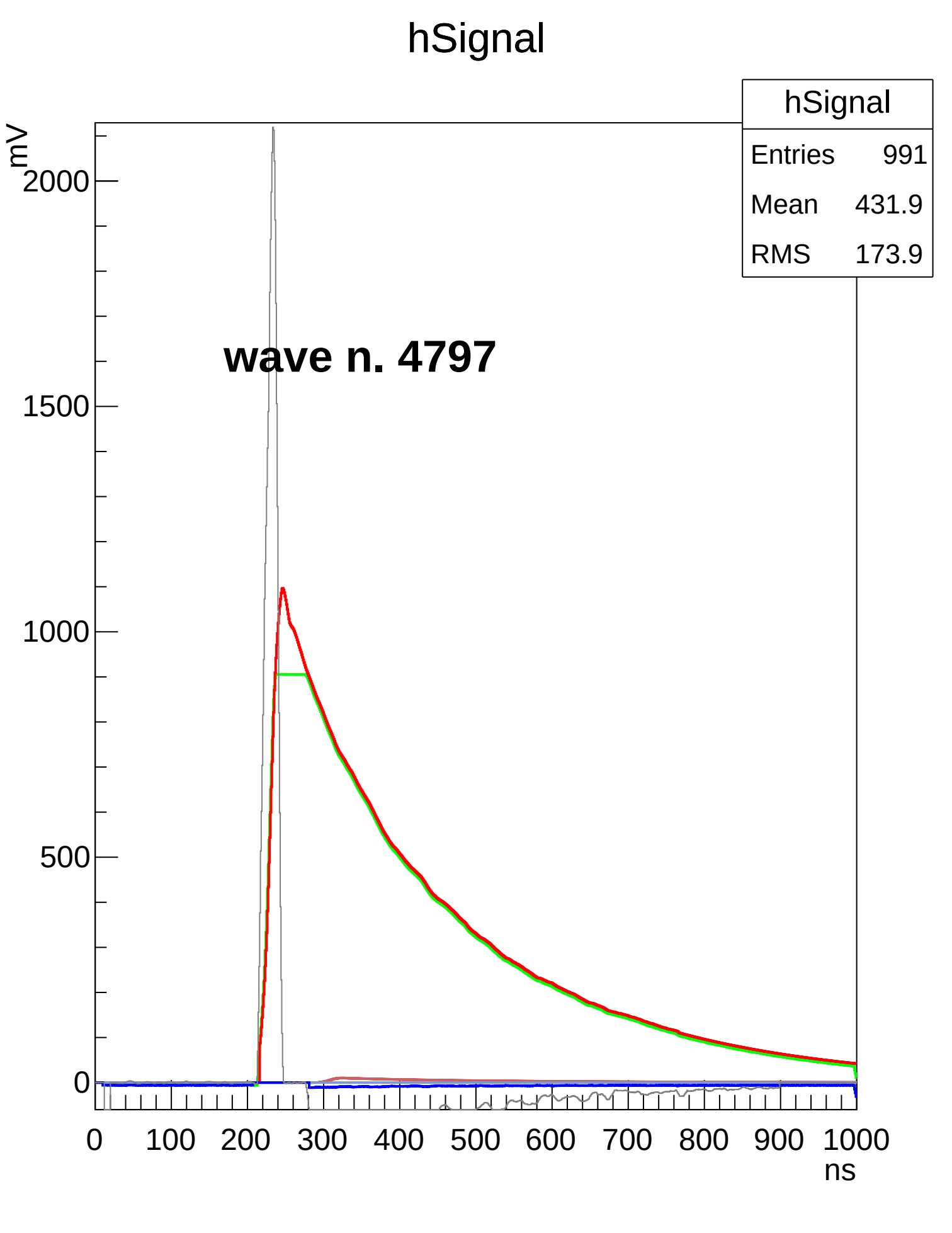
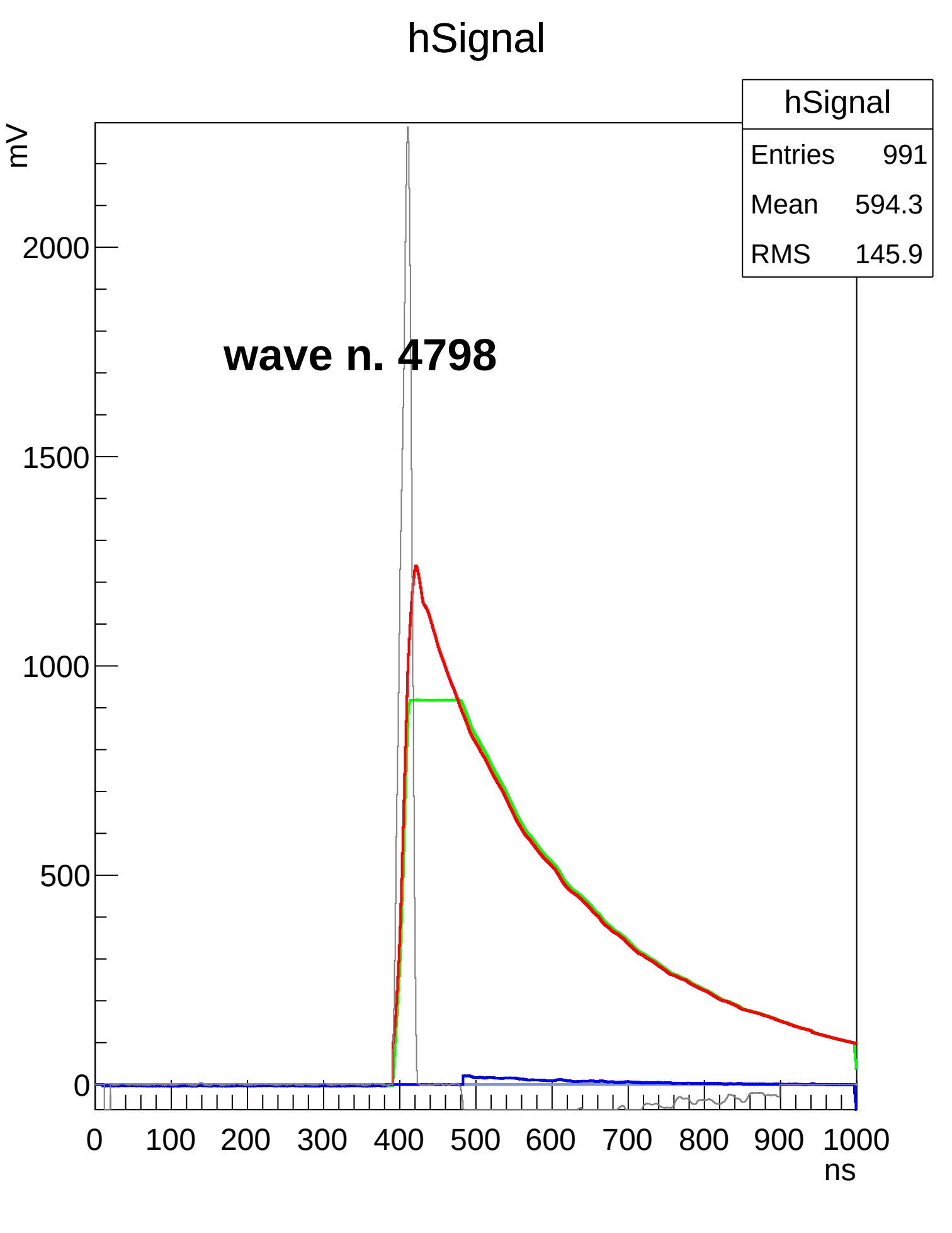
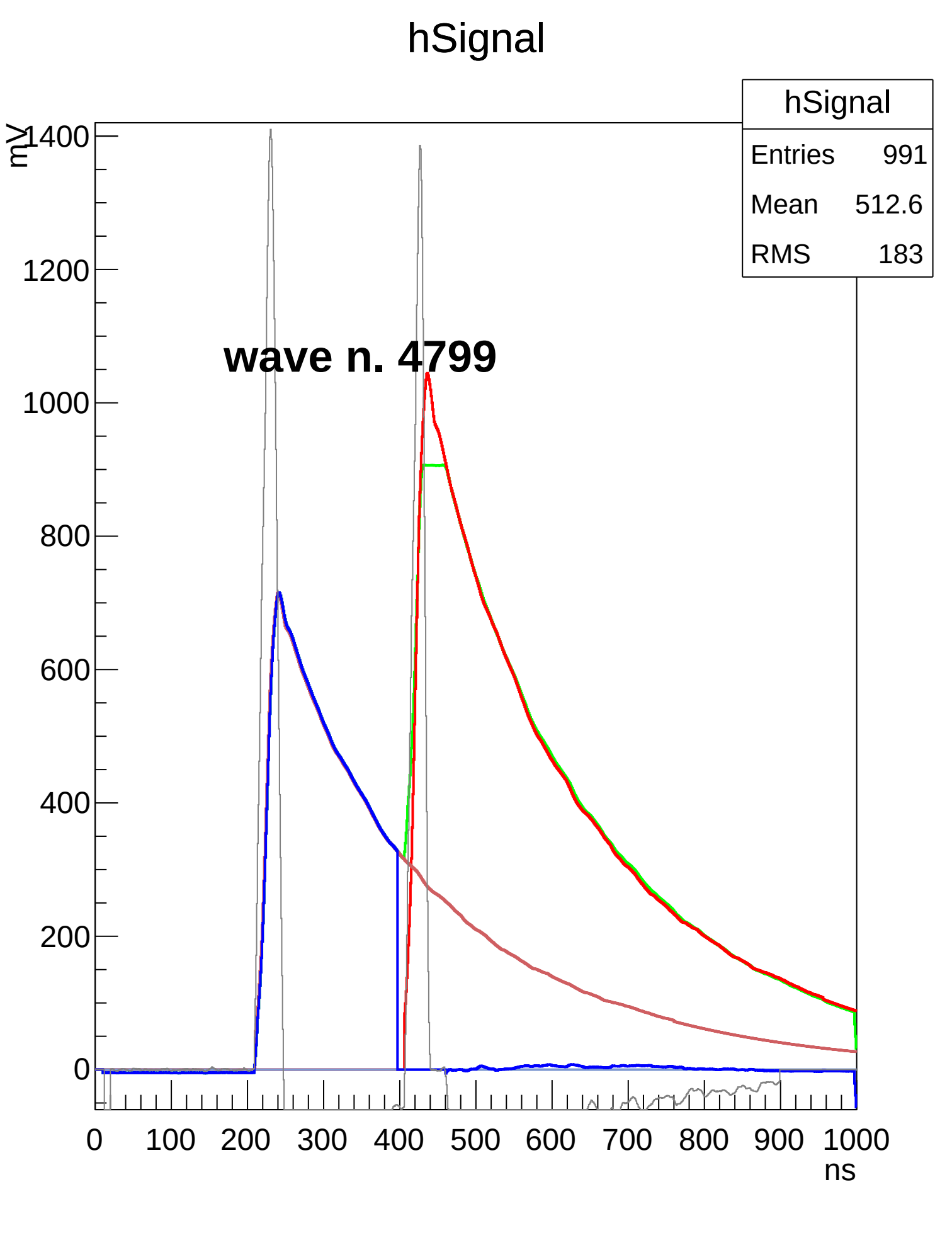
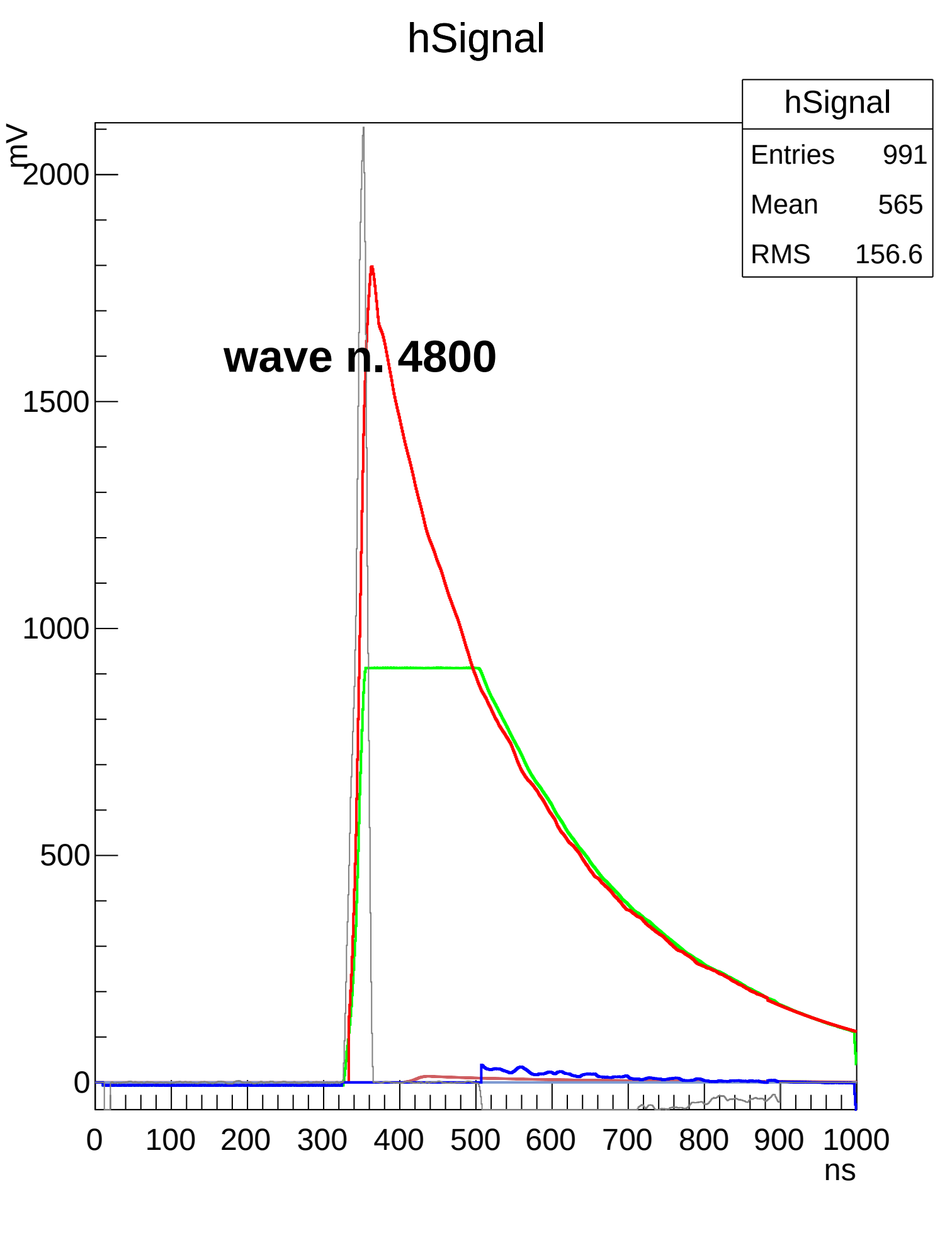
800
900
1000
ns

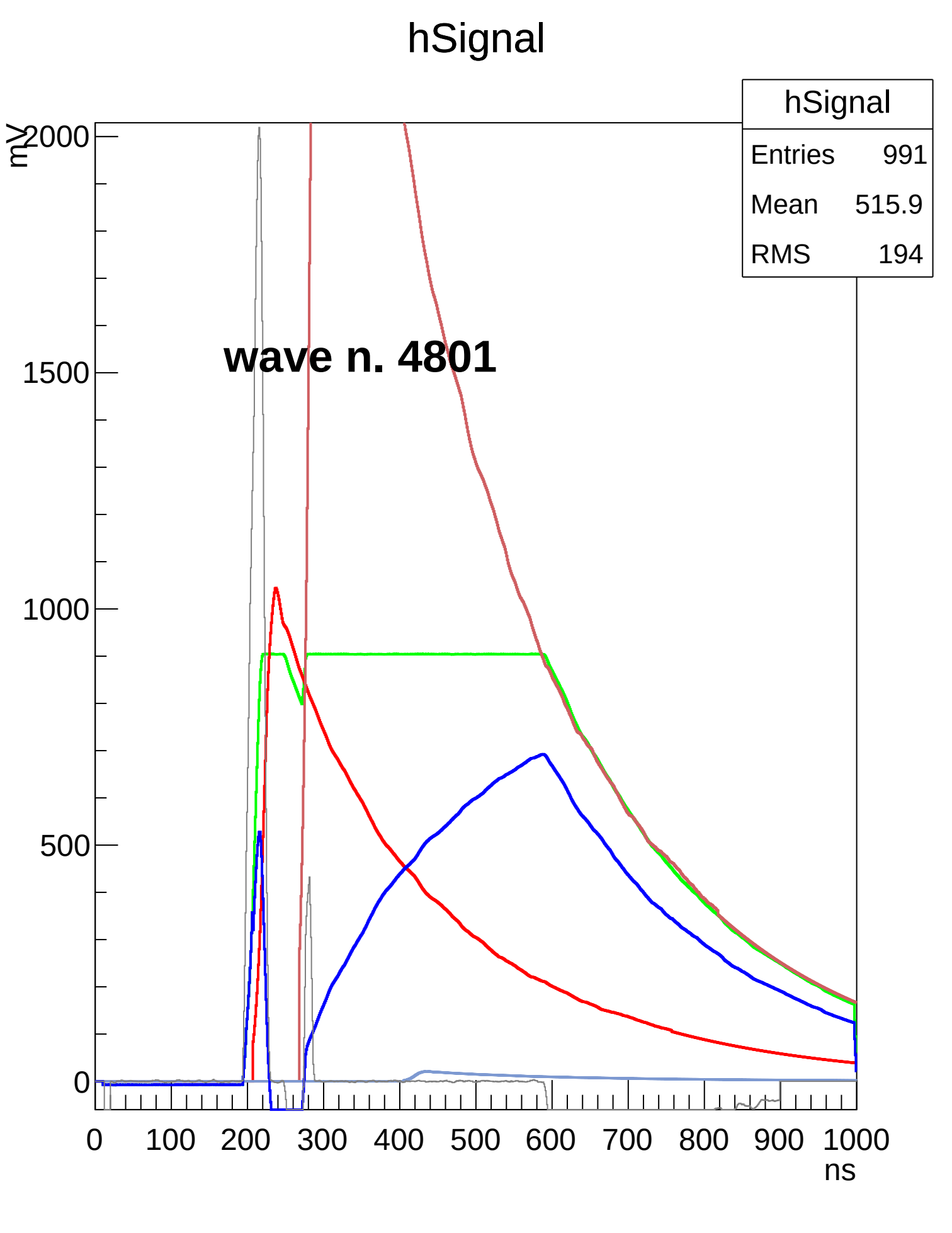

hSignal
hSignal
Entries 991
Mean 544.6
RMS 166.7
wave n. 4796
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 431.9
RMS 173.9
wave n. 4797
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 594.3
RMS 145.9
wave n. 4798
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 512.6
RMS 183
wave n. 4799
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565
RMS 156.6
wave n. 4800
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 515.9
RMS 194
wave n. 4801
mV
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1500
1000
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0
0
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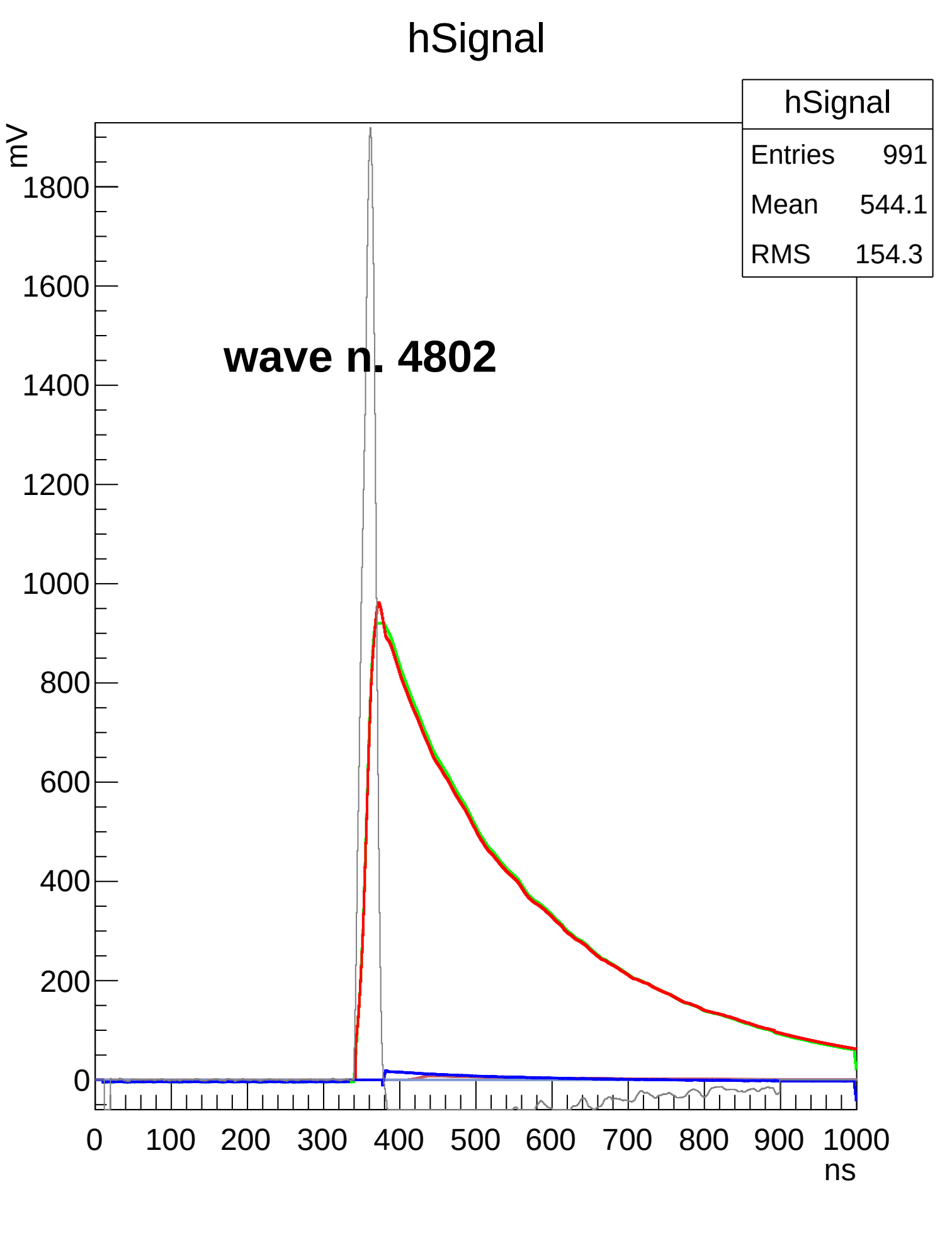
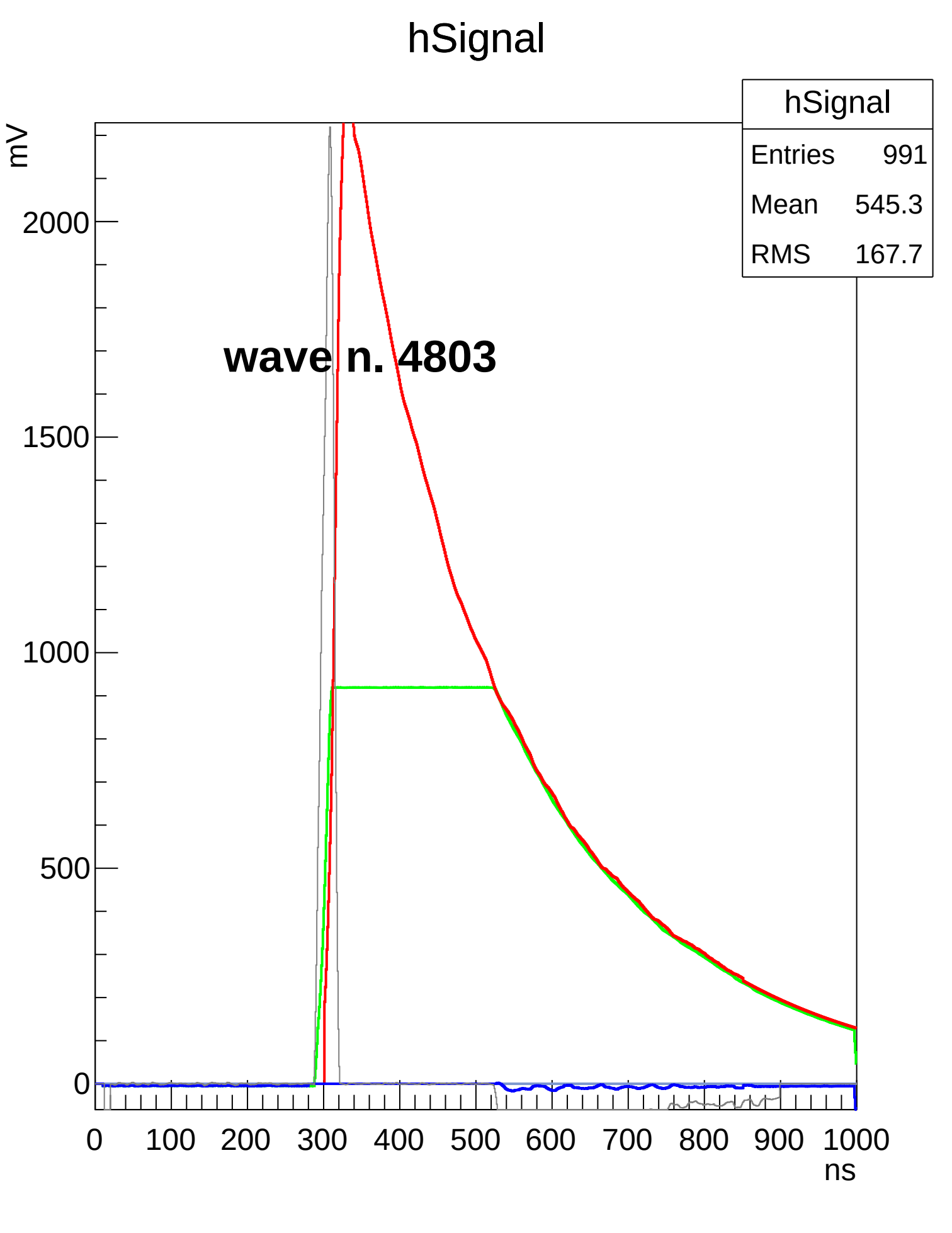
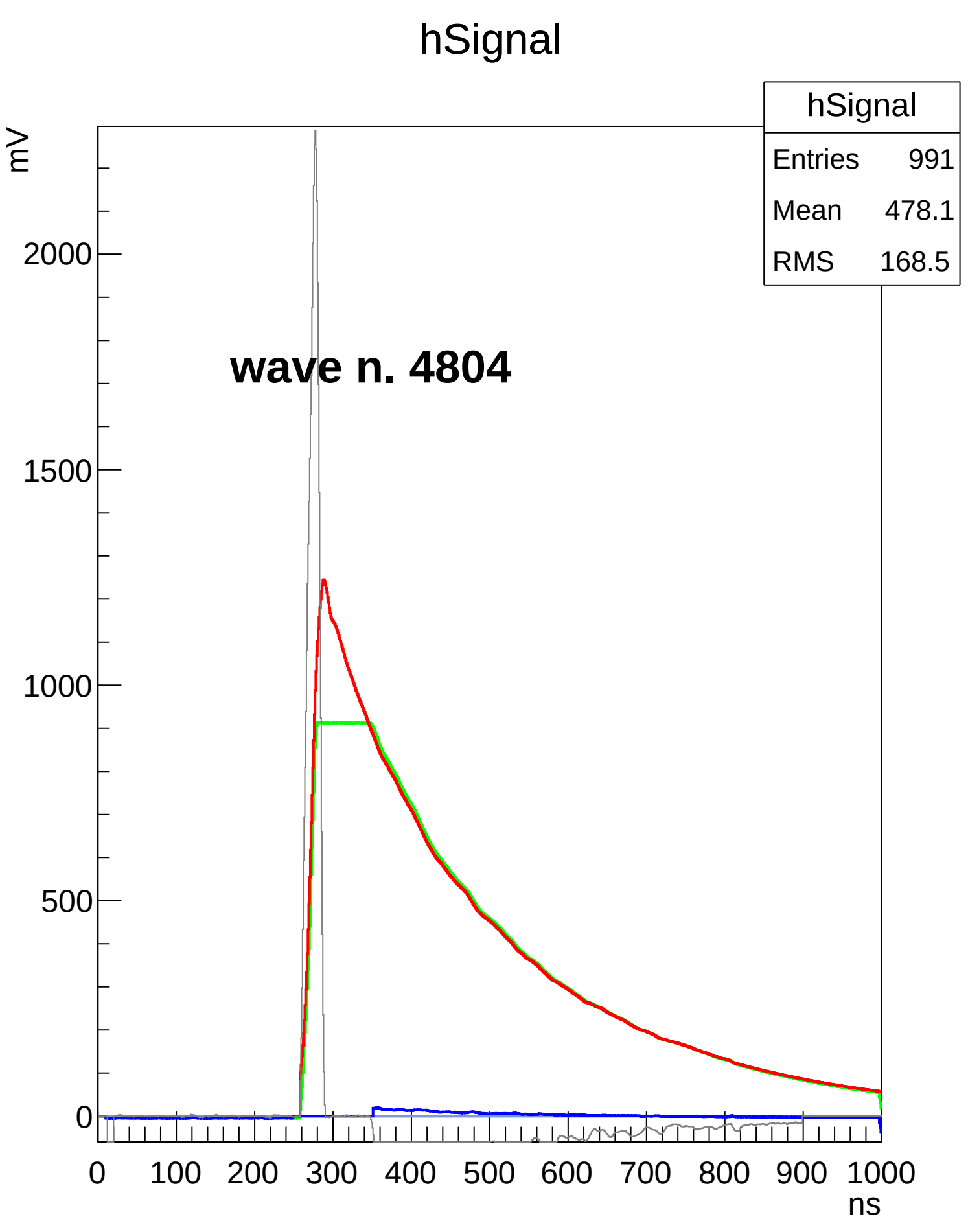
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 544.1
RMS 154.3
wave n. 4802
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 545.3
RMS 167.7
wave n. 4803
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 478.1
RMS 168.5
wave n. 4804
mV
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1000
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0
100
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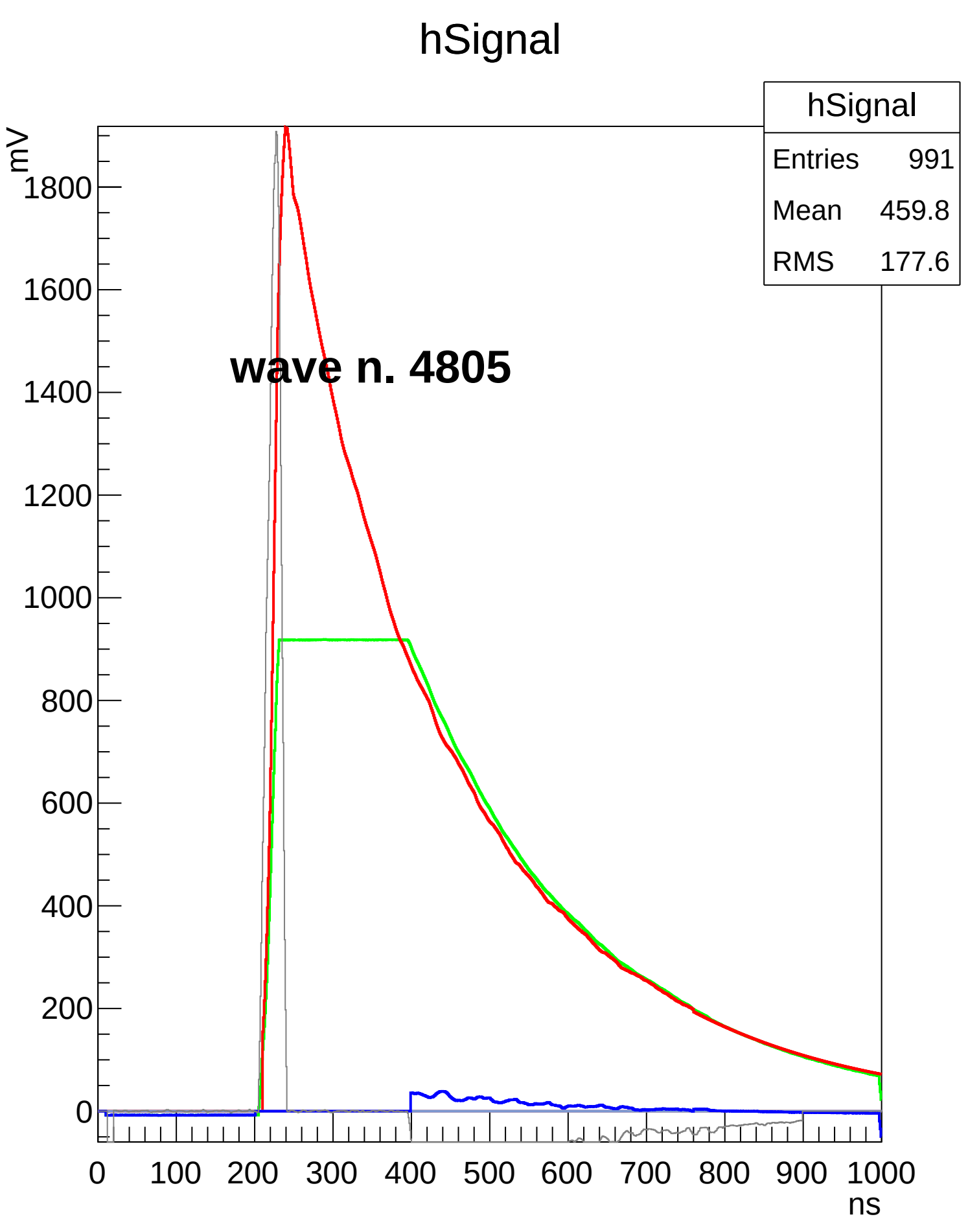
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 459.8
RMS 177.6
wave n. 4805
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
300
400
500
600
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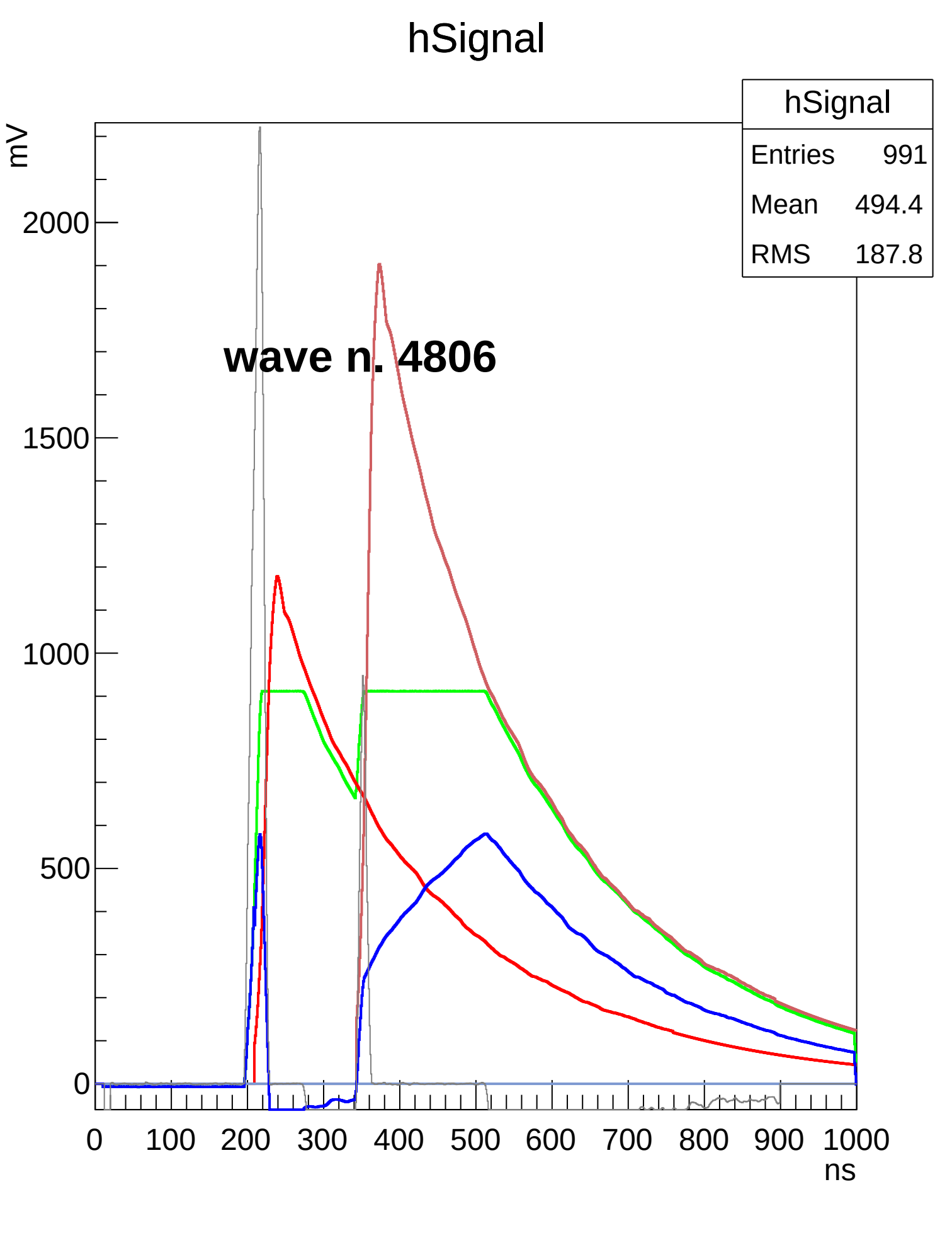
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 494.4
RMS 187.8
wave n. 4806
mV
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1500
1000
500
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0
100
200
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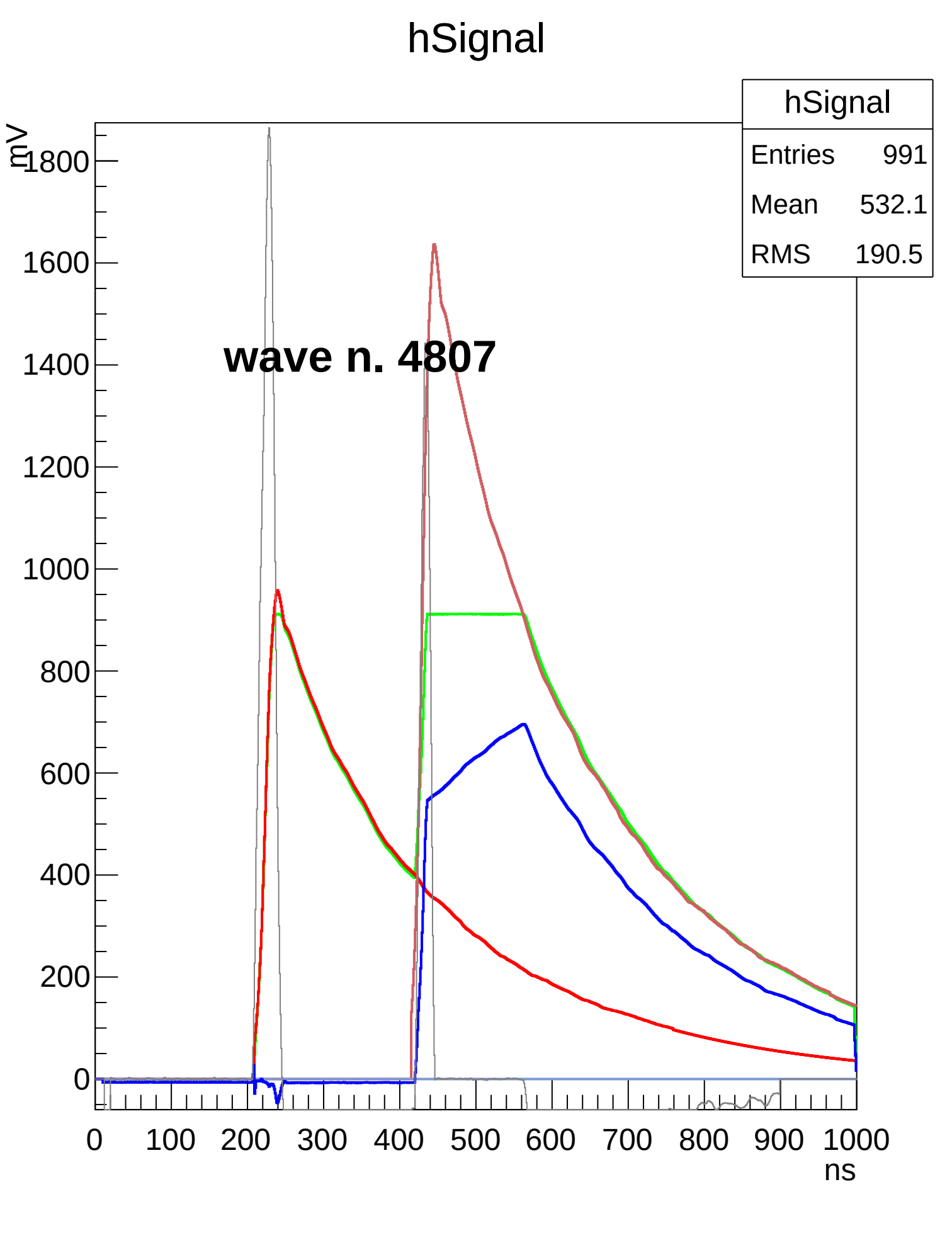
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 532.1
RMS 190.5
wave n. 4807
mV
1800
1600
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600
400
200
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100
200
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400
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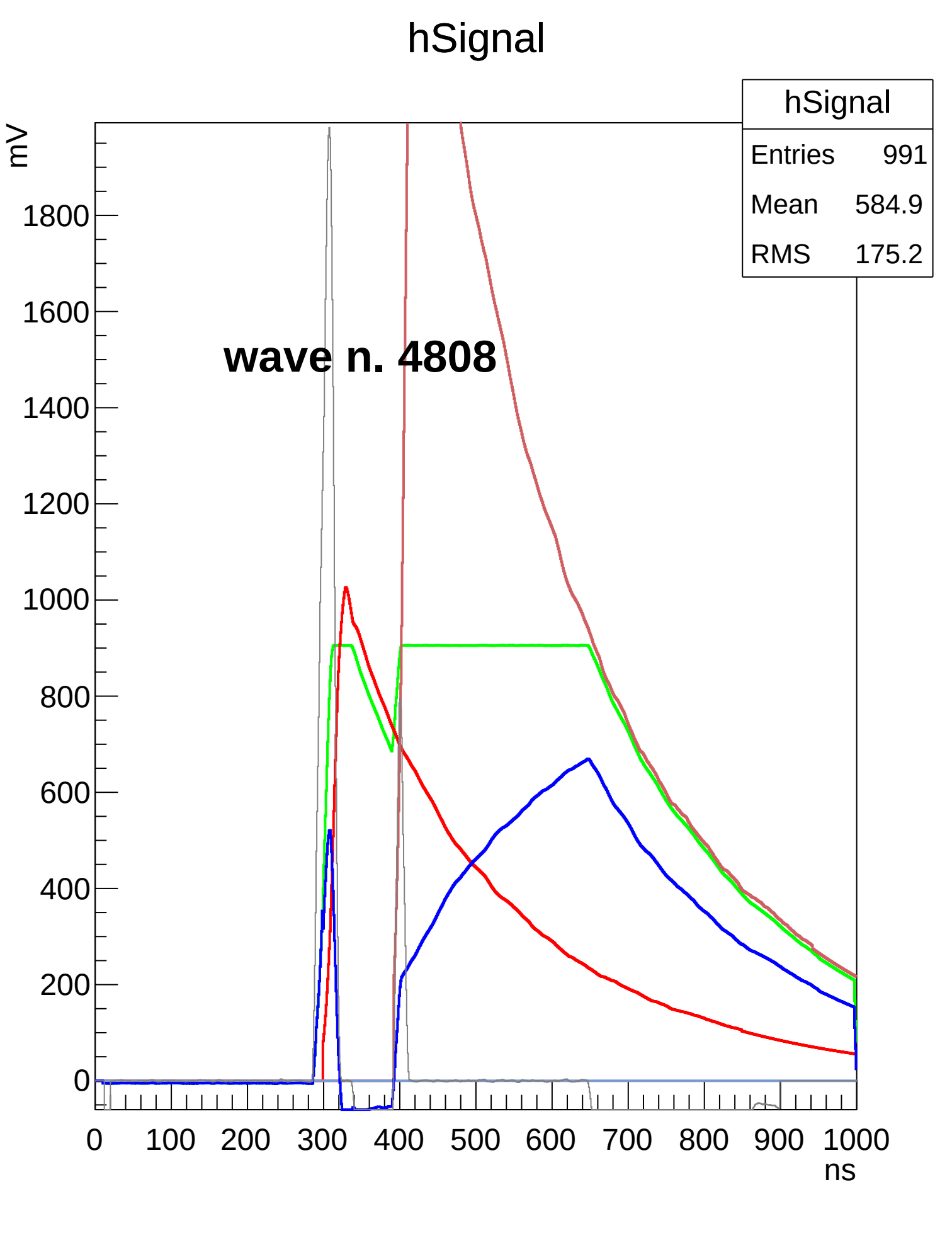
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 584.9
RMS 175.2
wave n. 4808
mV
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1600
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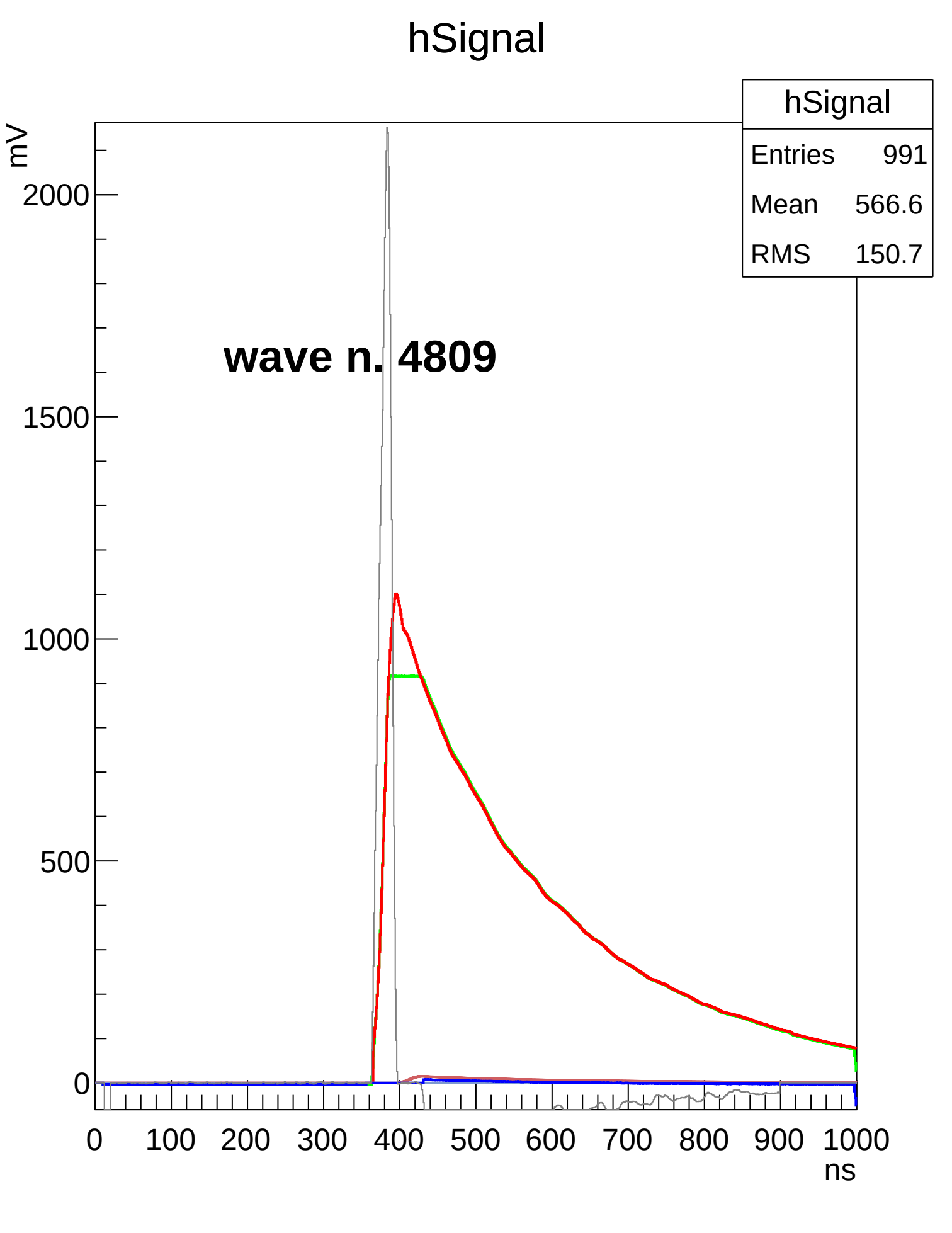
hSignal
hSignal
Entries 991
Mean 566.6
RMS 150.7
wave n. 4809
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1000
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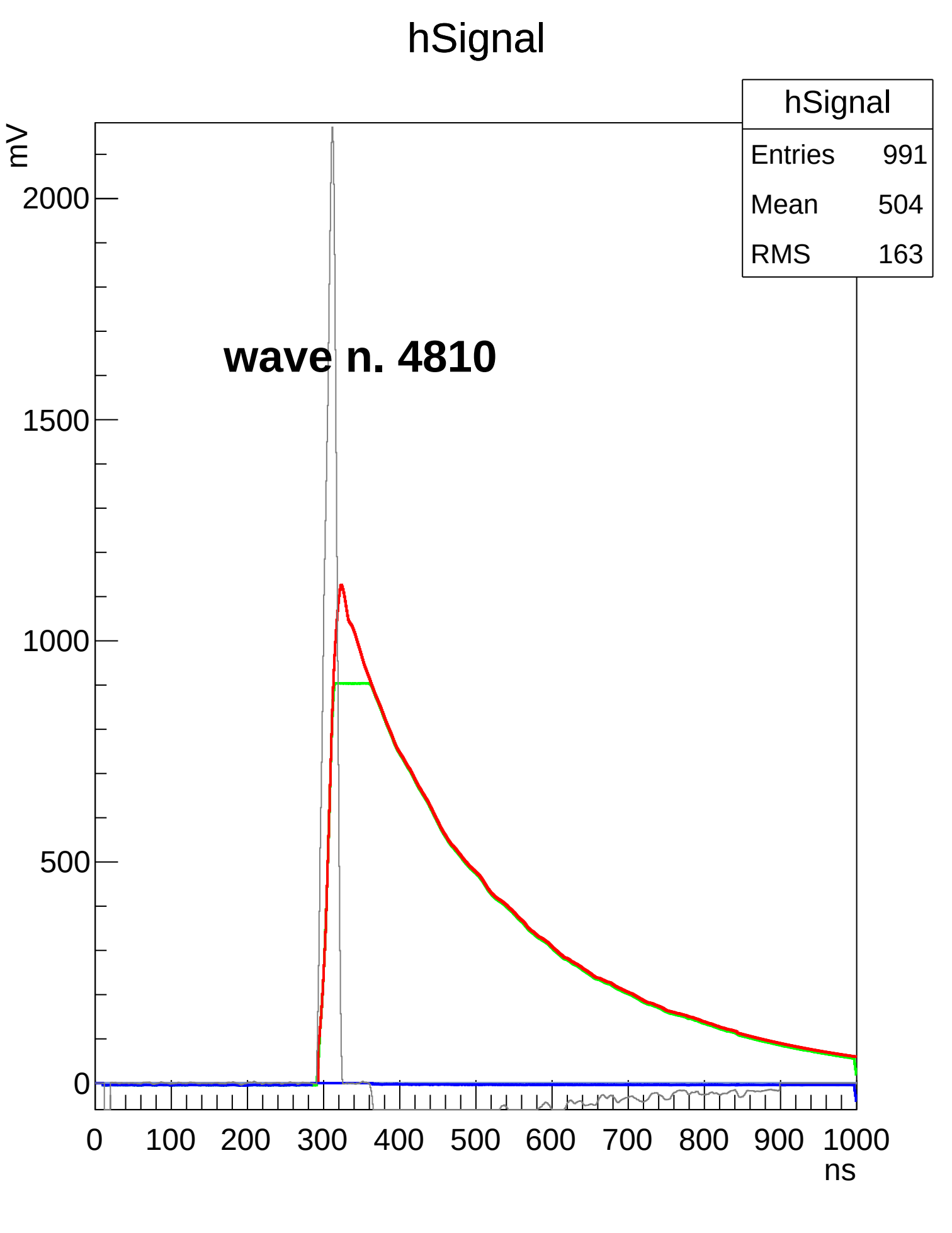
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hSignal
Entries 991
Mean 504
RMS 163
wave n. 4810
mV
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1000
500
0
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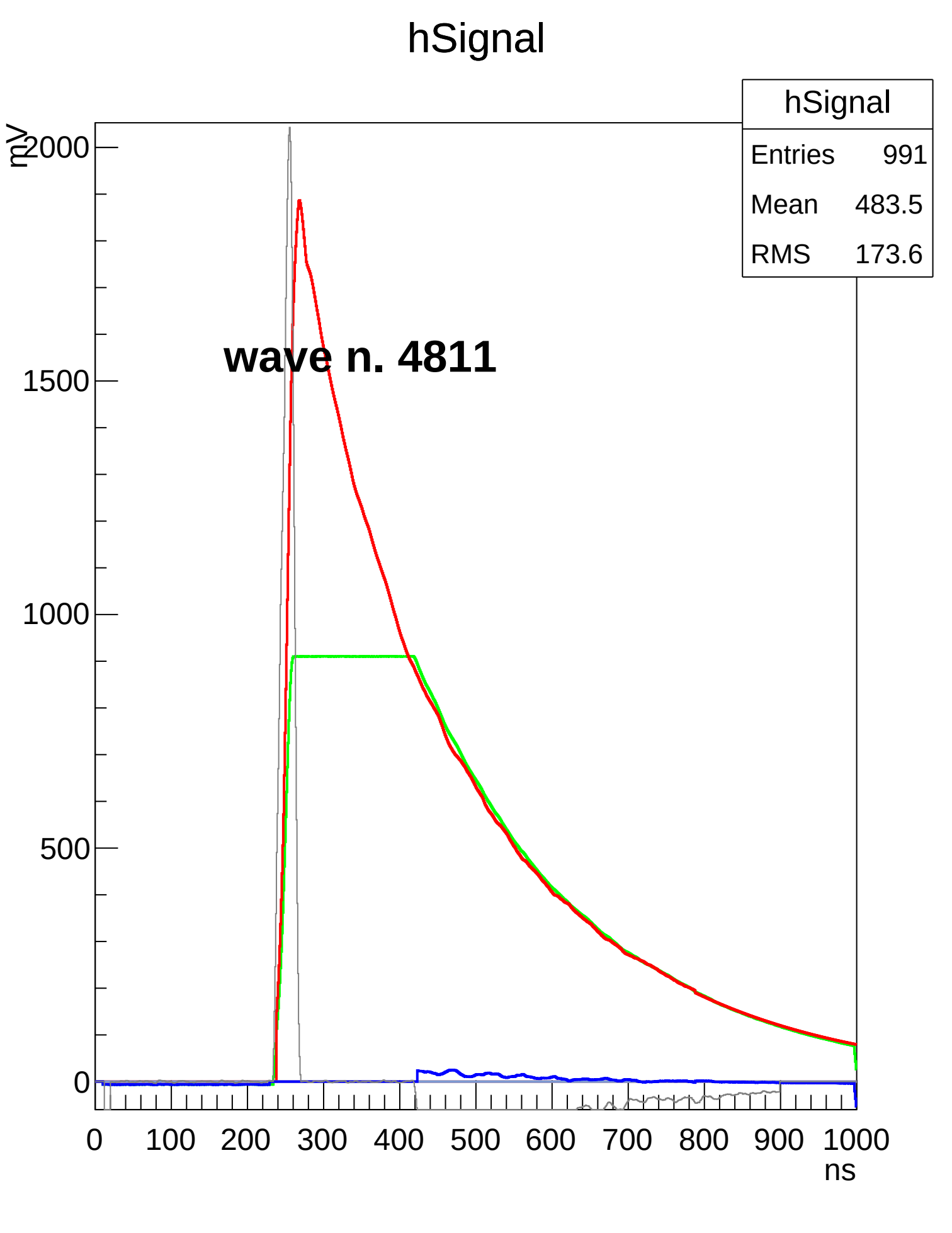
ns


hSignal
hSignal
Entries 991
Mean 483.5
RMS 173.6
wave n. 4811
mV
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1000
500
0
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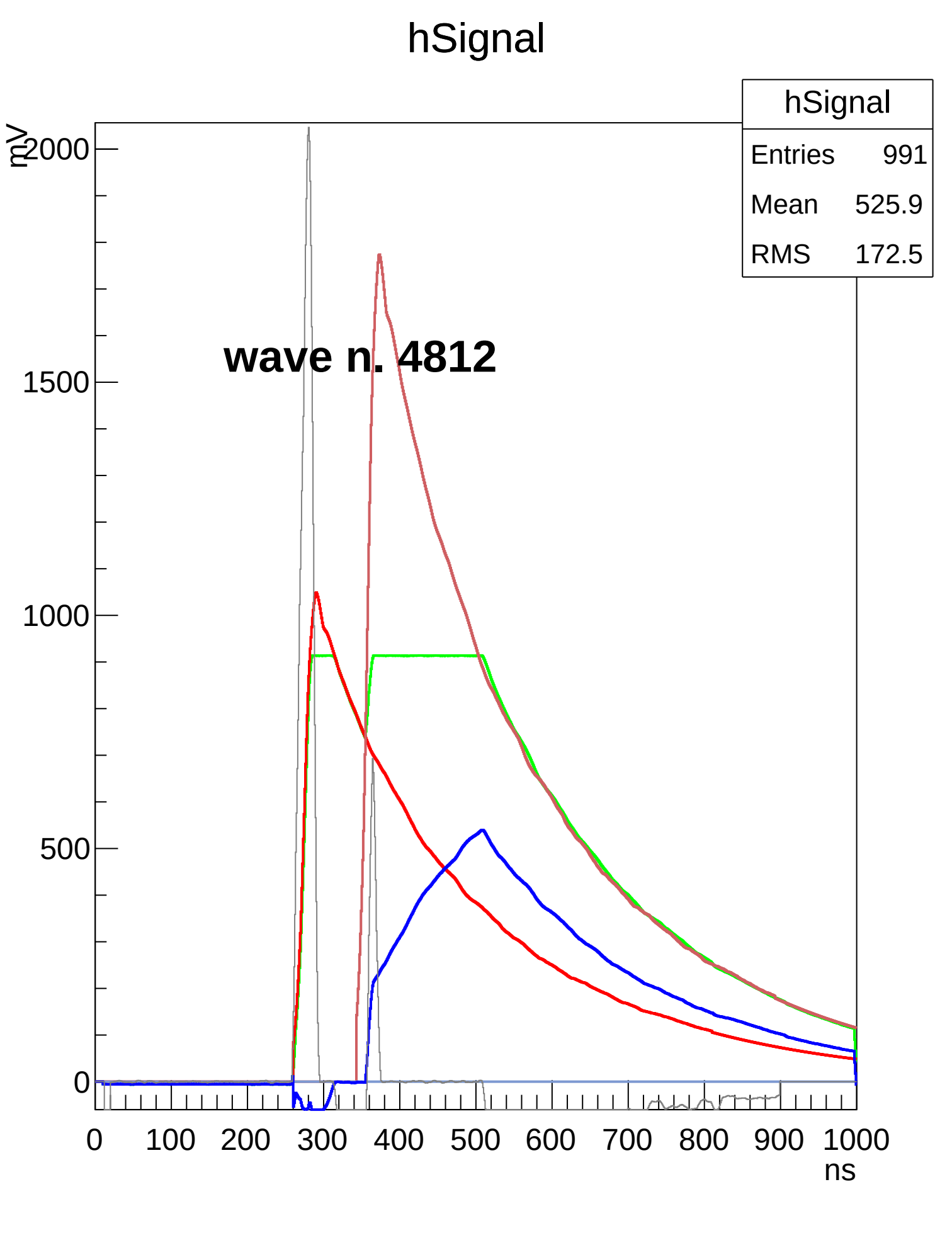
ns


hSignal
hSignal
Entries 991
Mean 525.9
RMS 172.5
wave n. 4812
mV
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1000
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800
900
1000
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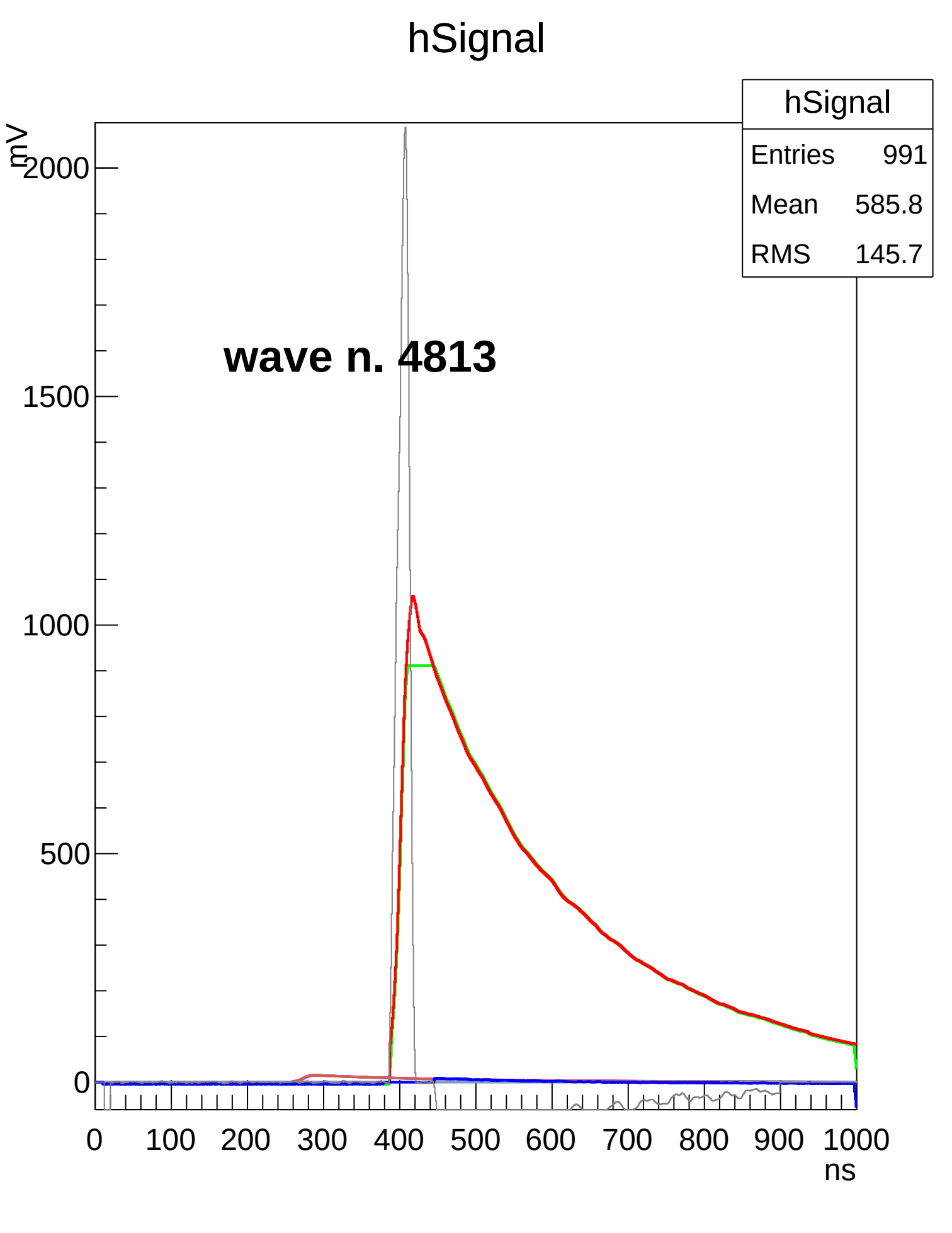
hSignal
hSignal
Entries 991
Mean 585.8
RMS 145.7
wave n. 4813
mV
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1000
500
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0
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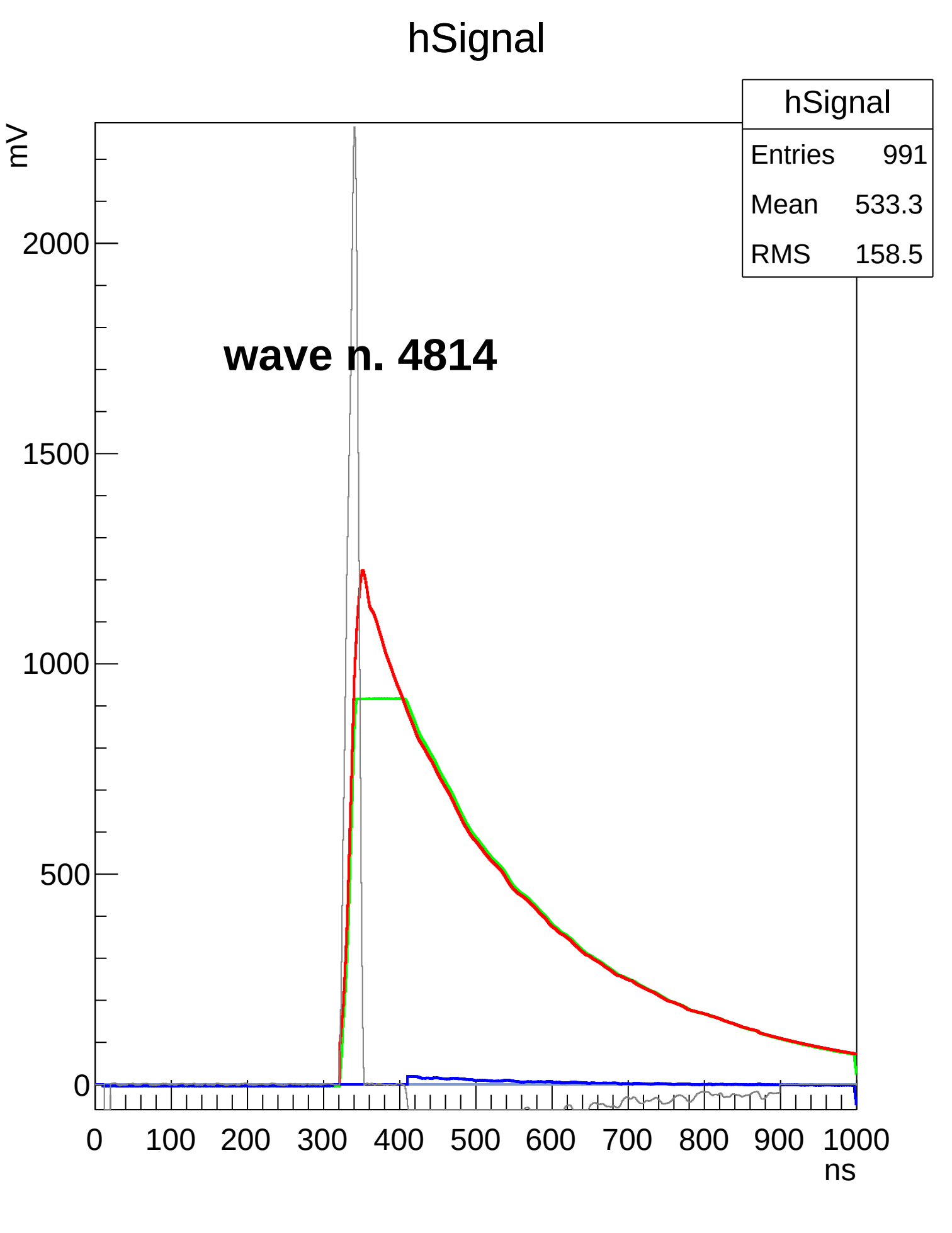
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 533.3
RMS 158.5
wave n. 4814
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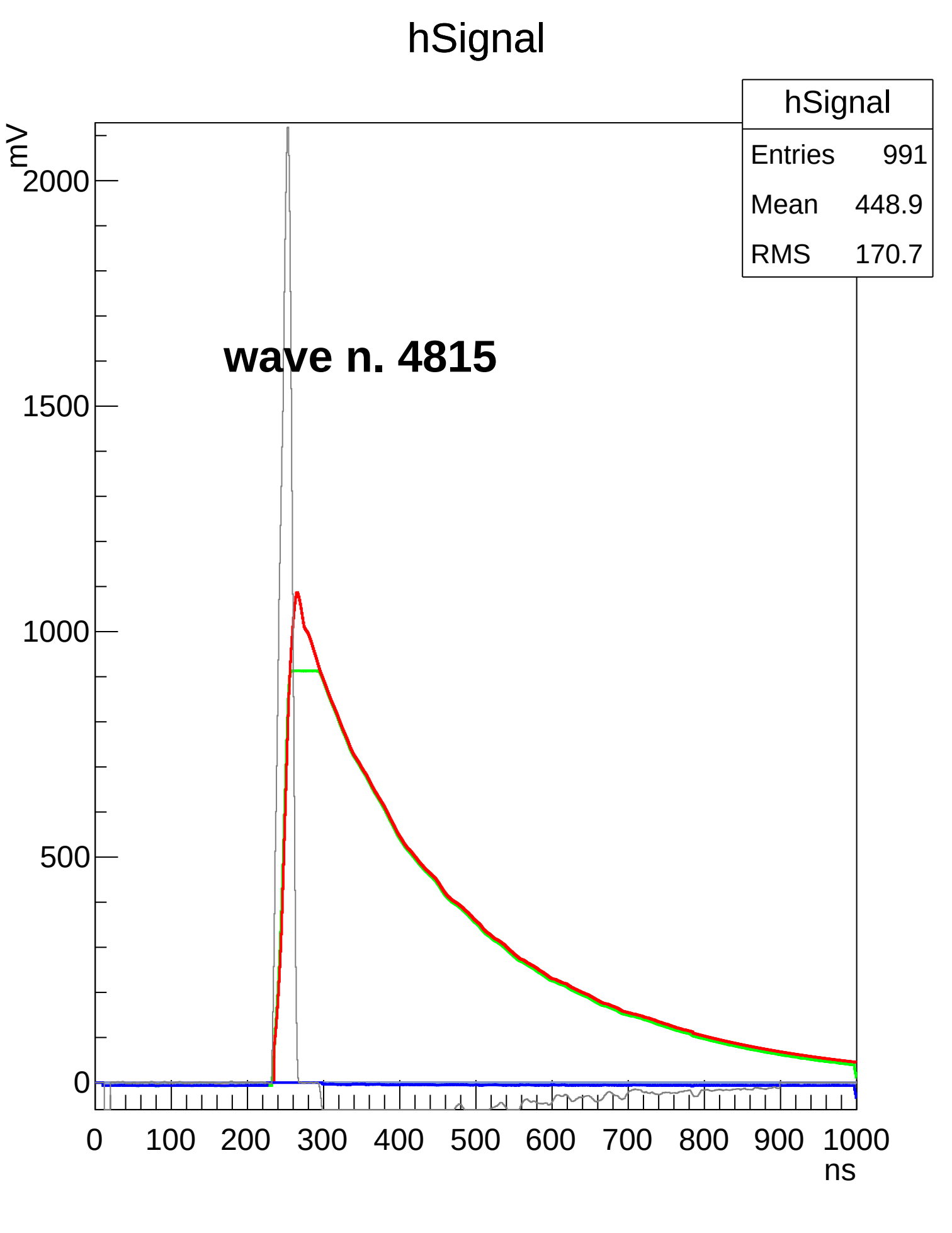
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hSignal
Entries 991
Mean 448.9
RMS 170.7
wave n. 4815
mV
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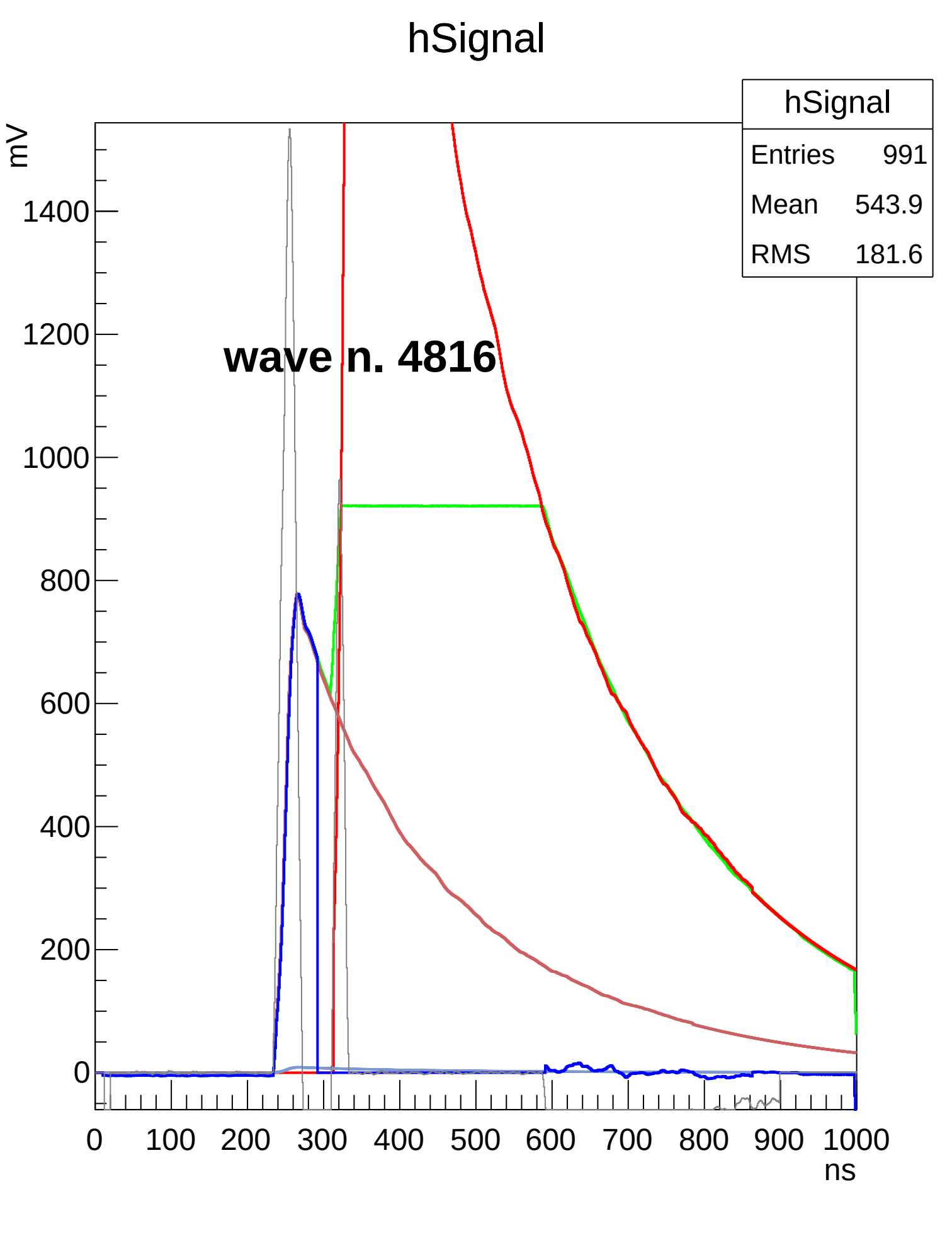
hSignal
hSignal
Entries 991
Mean 543.9
RMS 181.6
wave n. 4816
mV
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1200
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1000
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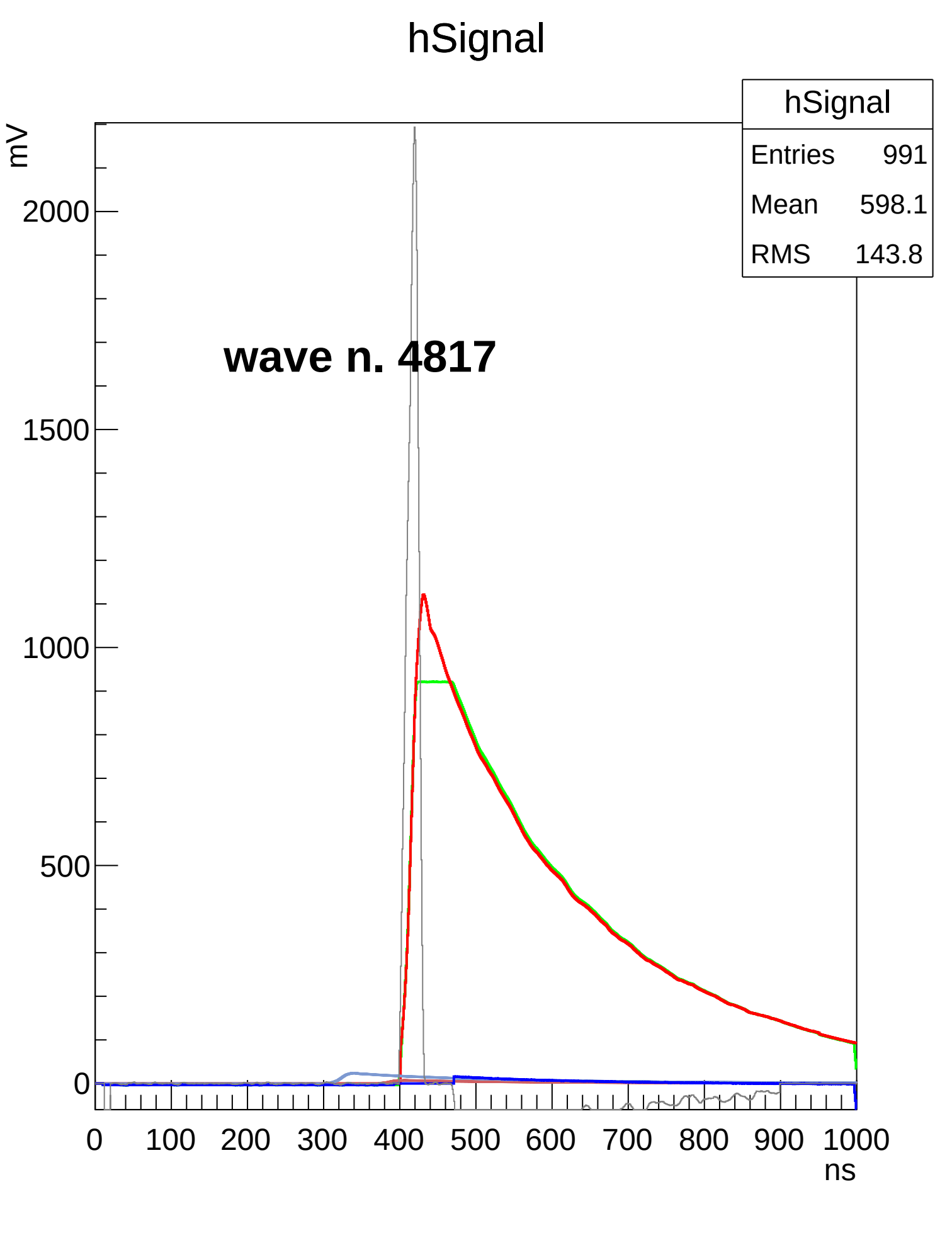
hSignal
hSignal
Entries 991
Mean 598.1
RMS 143.8
wave n. 4817
mV
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1000
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1000
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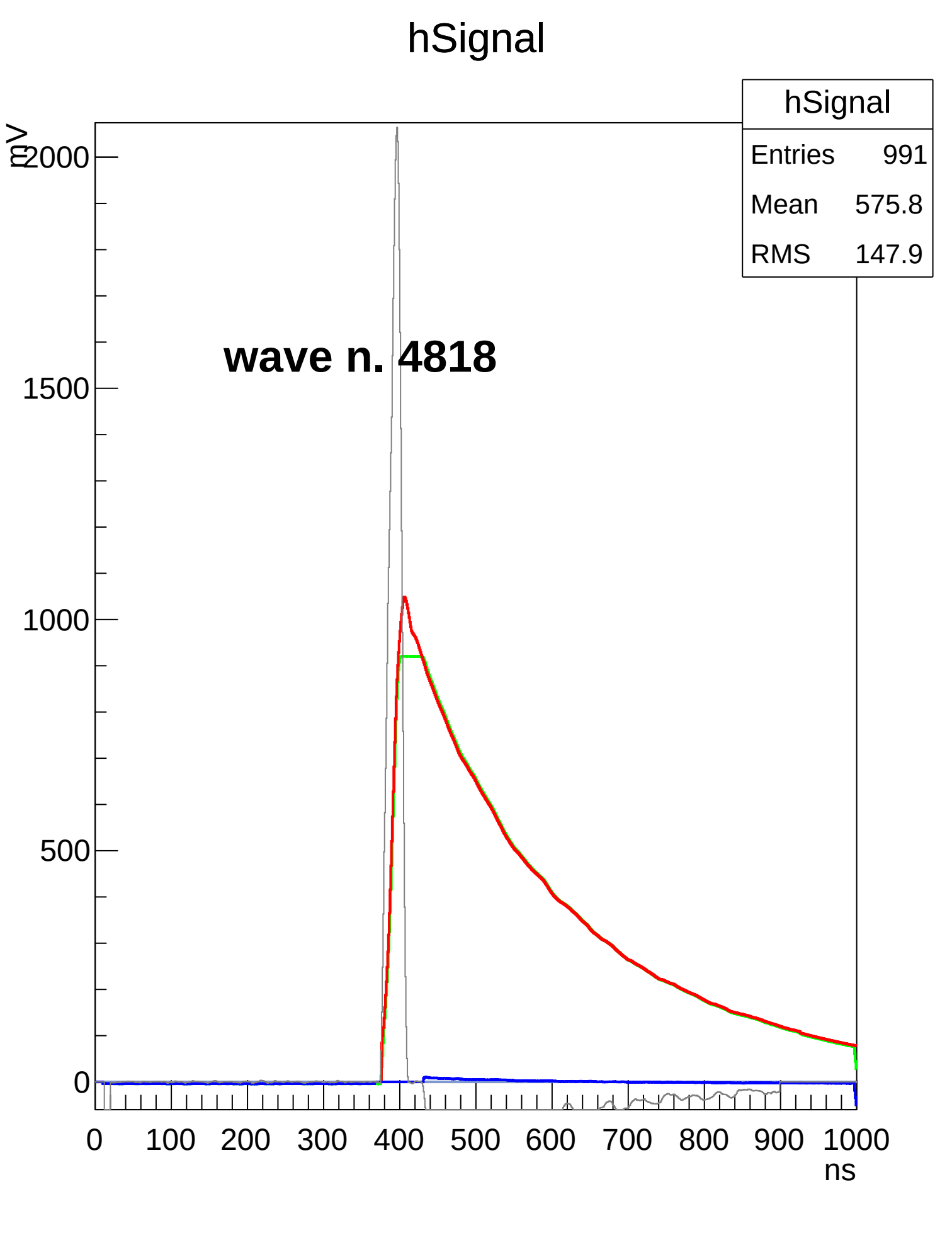
hSignal
hSignal
Entries 991
Mean 575.8
RMS 147.9
wave n. 4818
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1000
500
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800
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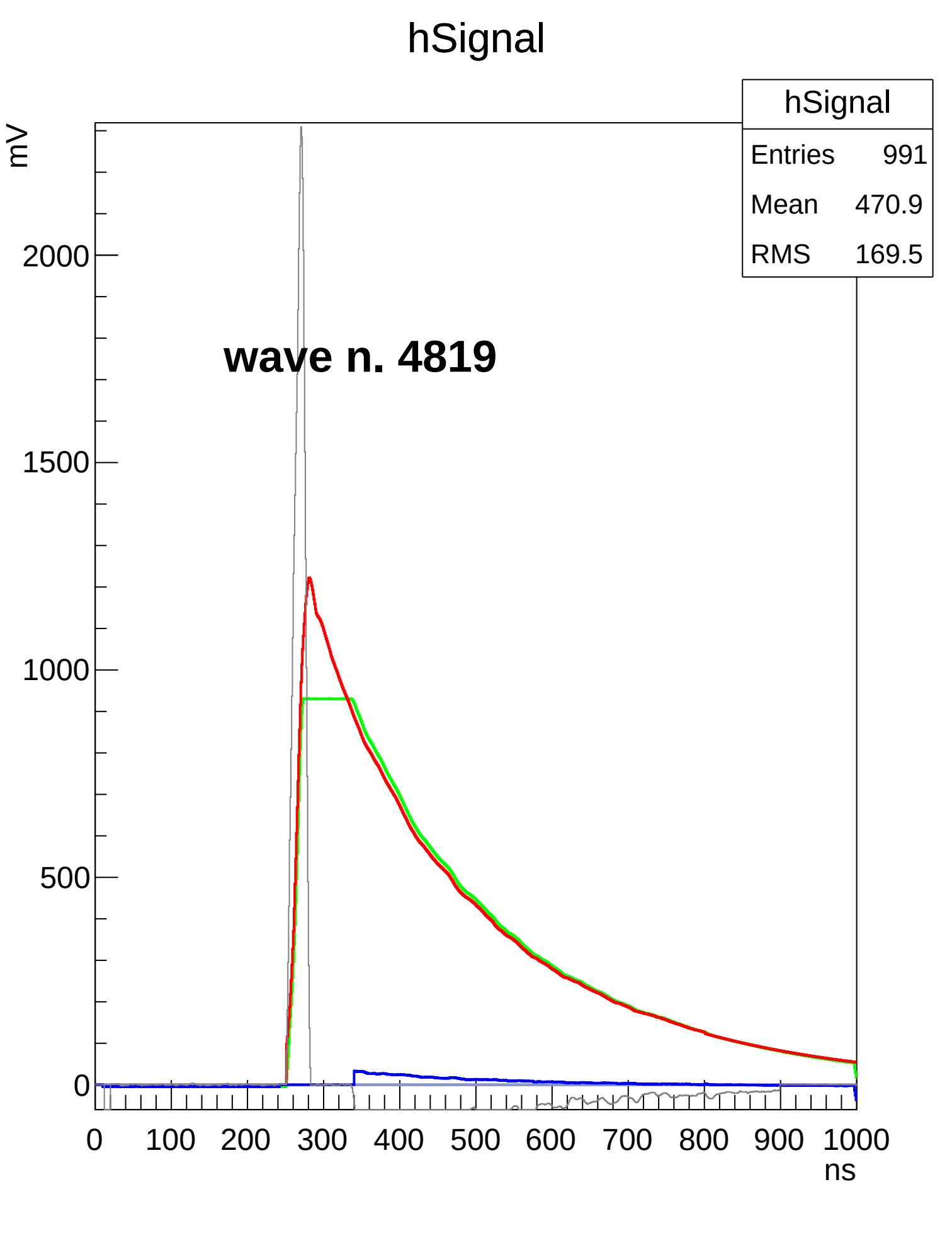
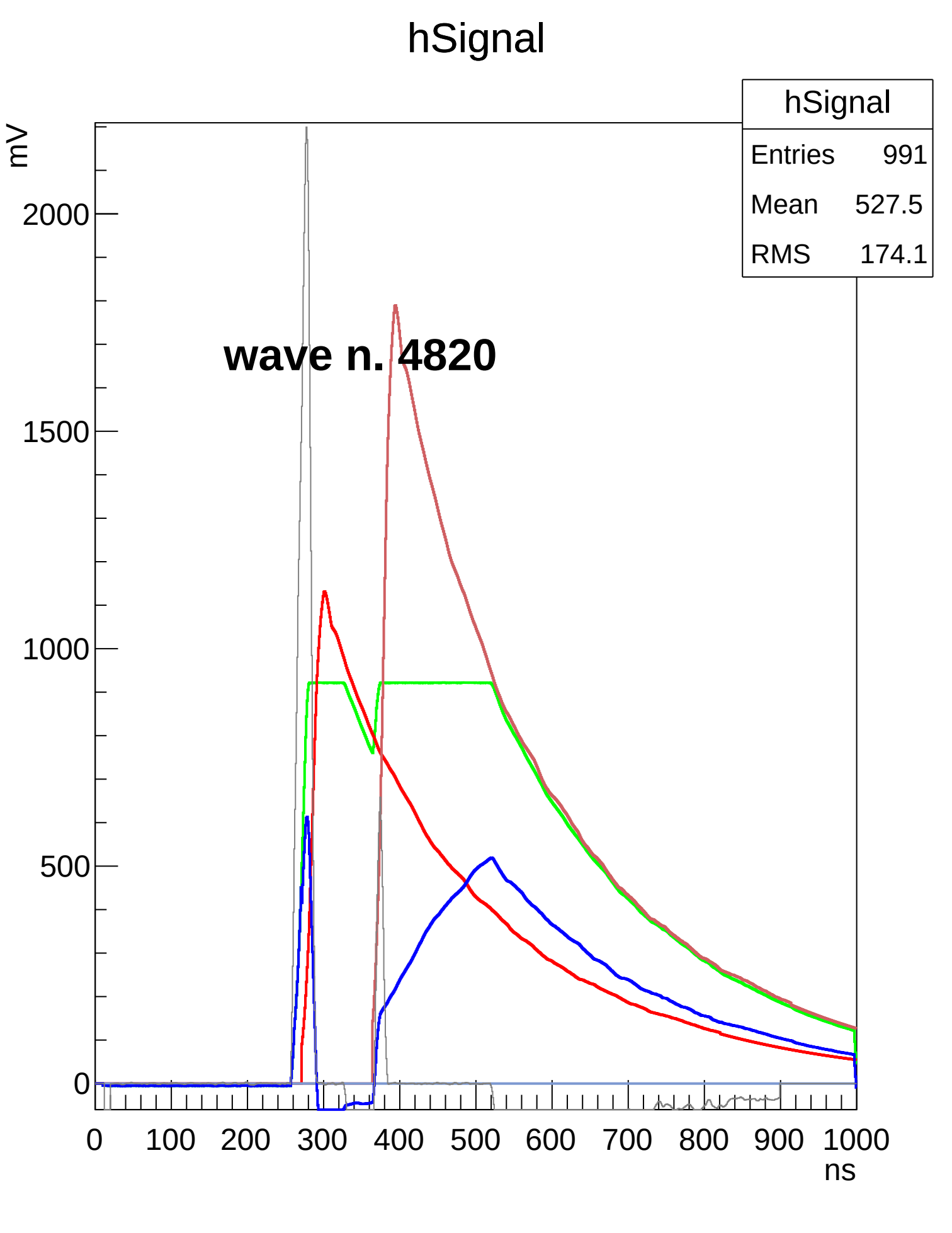
1000
ns


hSignal
hSignal
Entries 991
Mean 470.9
RMS 169.5
wave n. 4819
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 527.5
RMS 174.1
wave n. 4820
mV
2000
1500
1000
500
0
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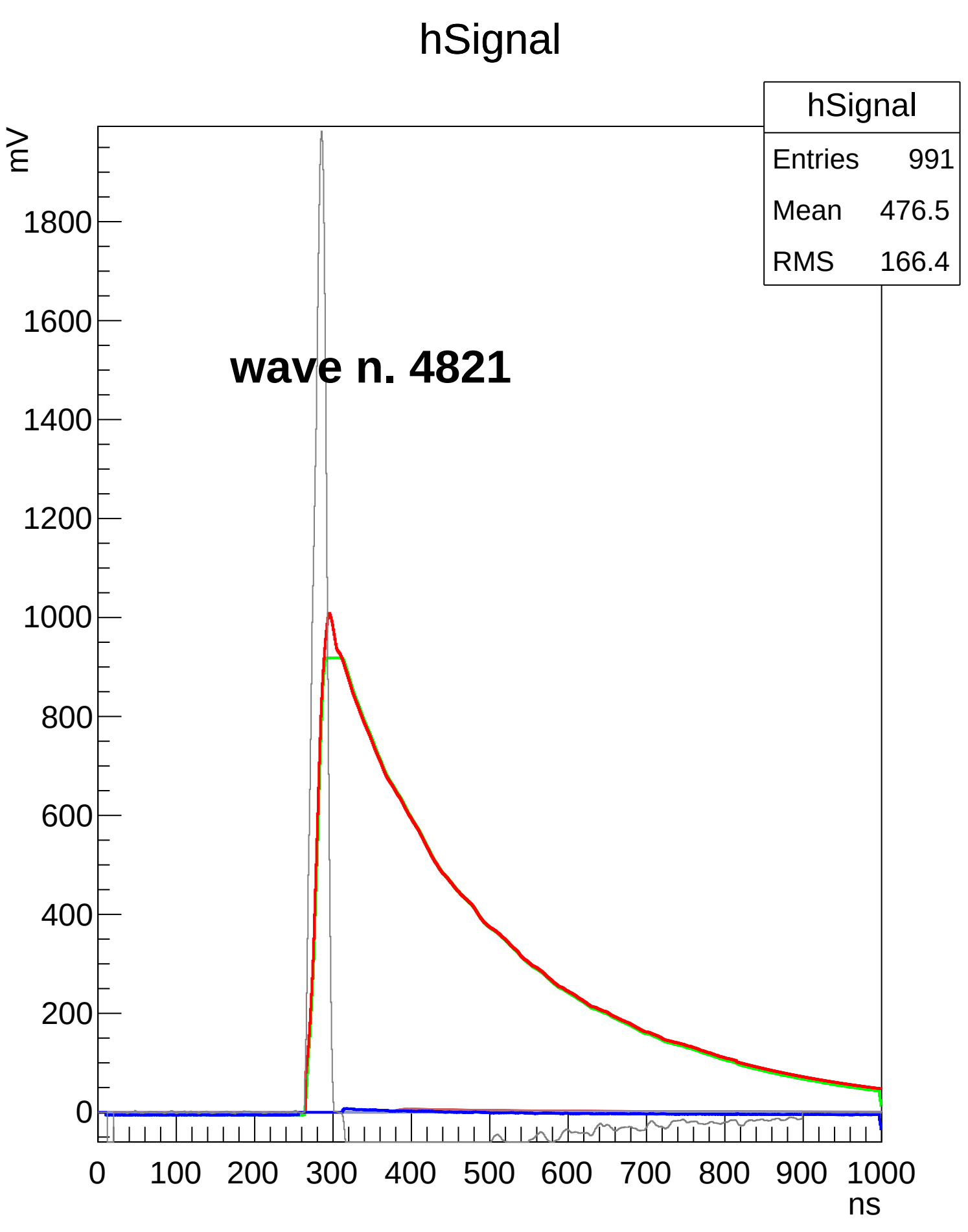
ns


hSignal
hSignal
Entries 991
Mean 476.5
RMS 166.4
wave n. 4821
mV
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1600
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200
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400
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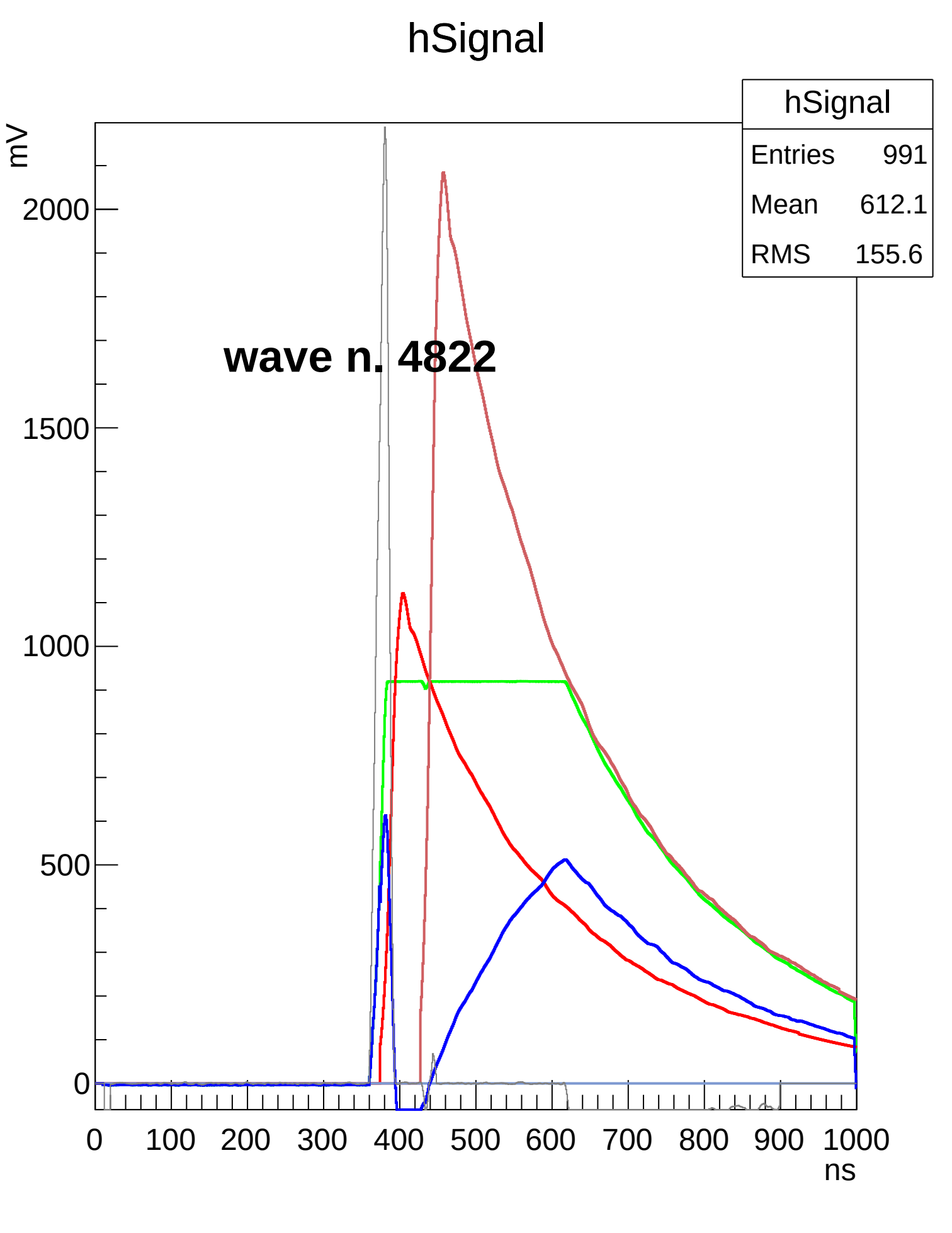
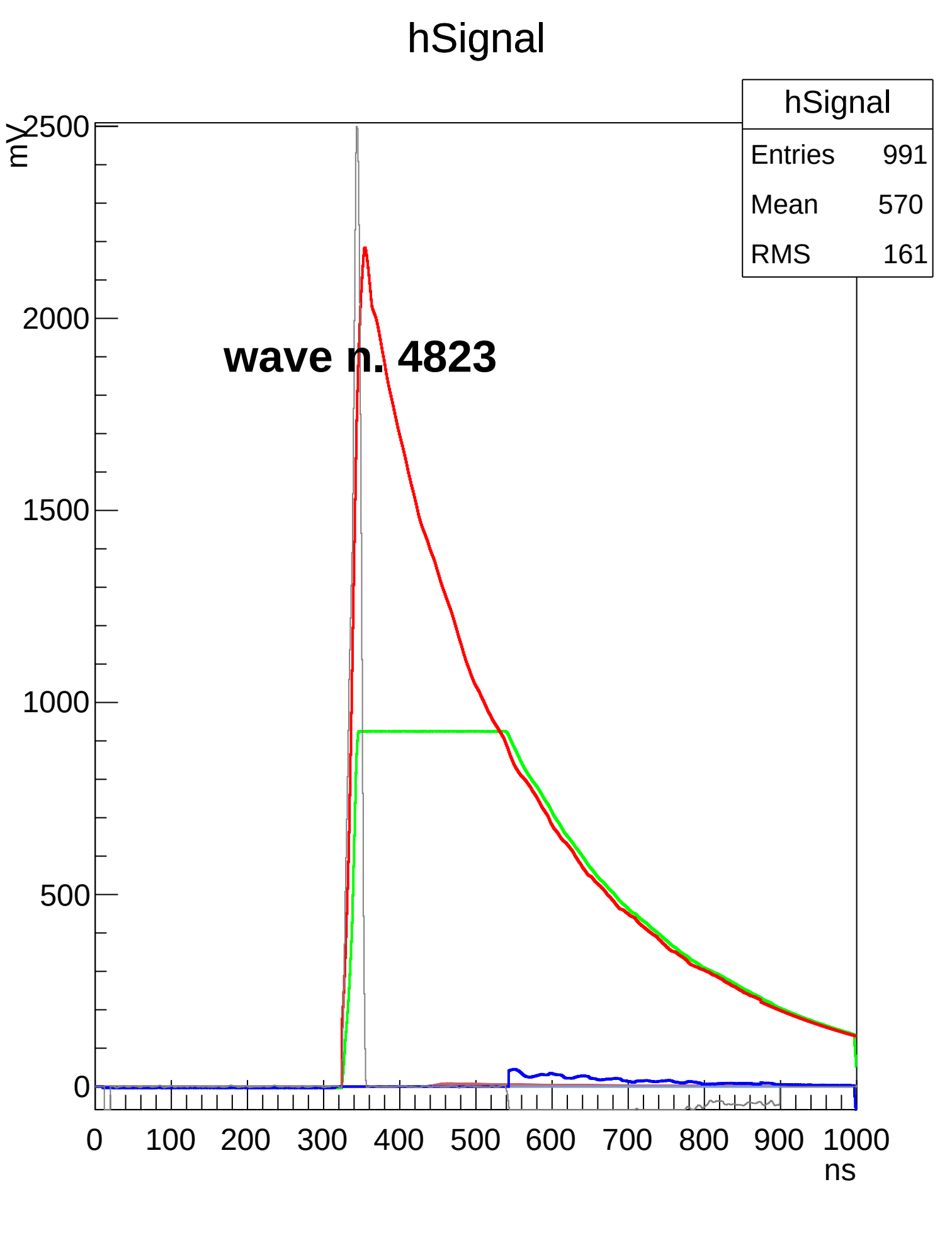
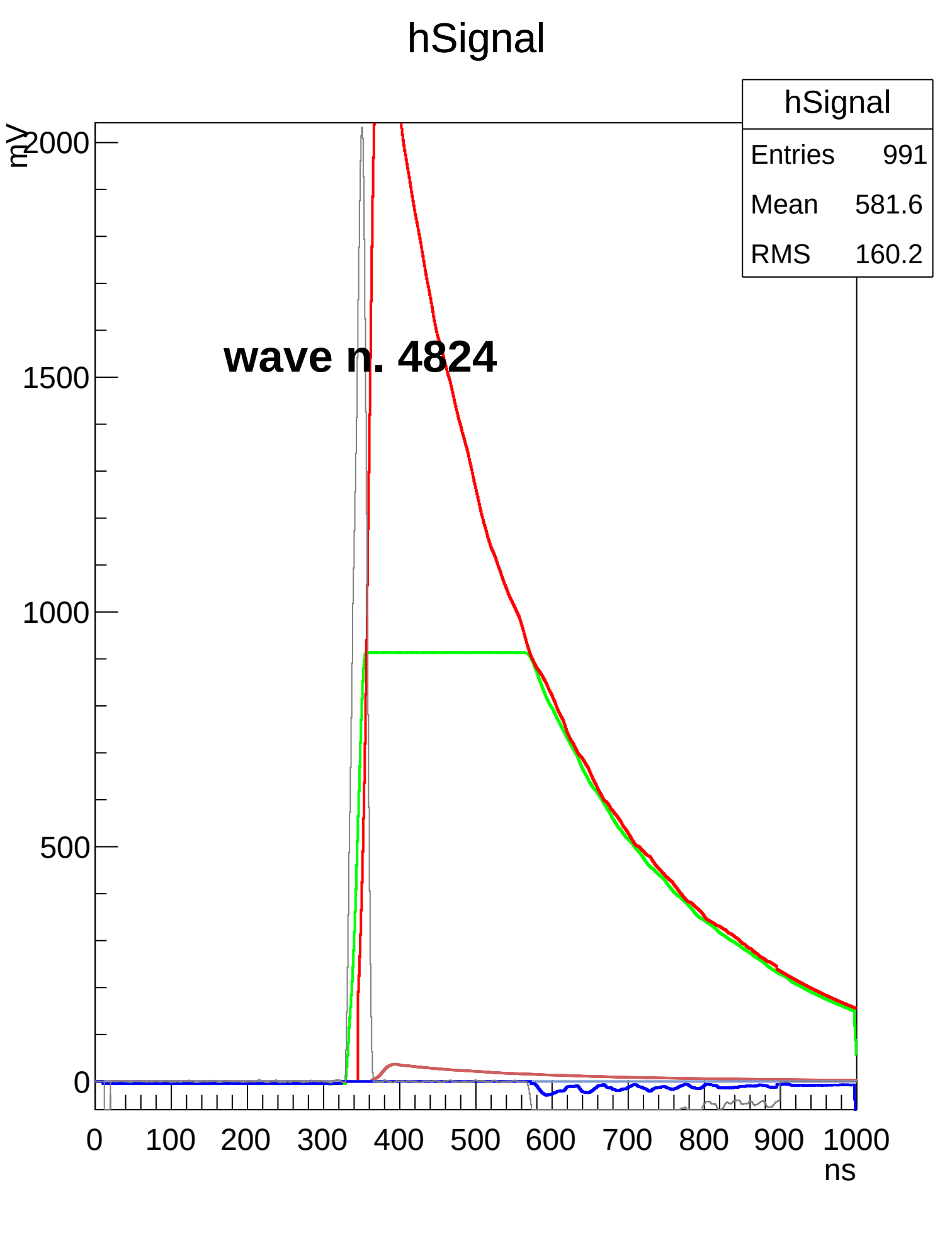
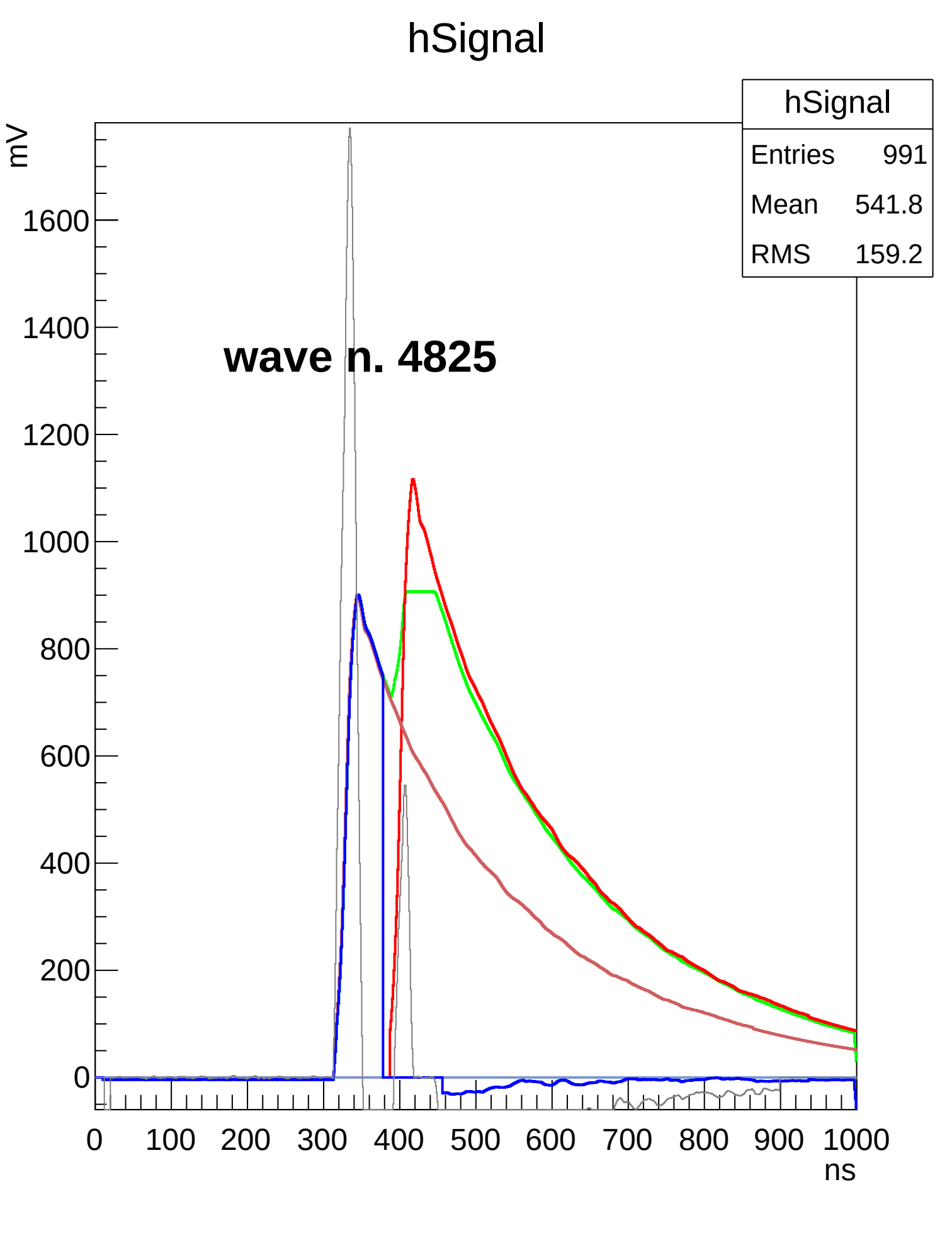
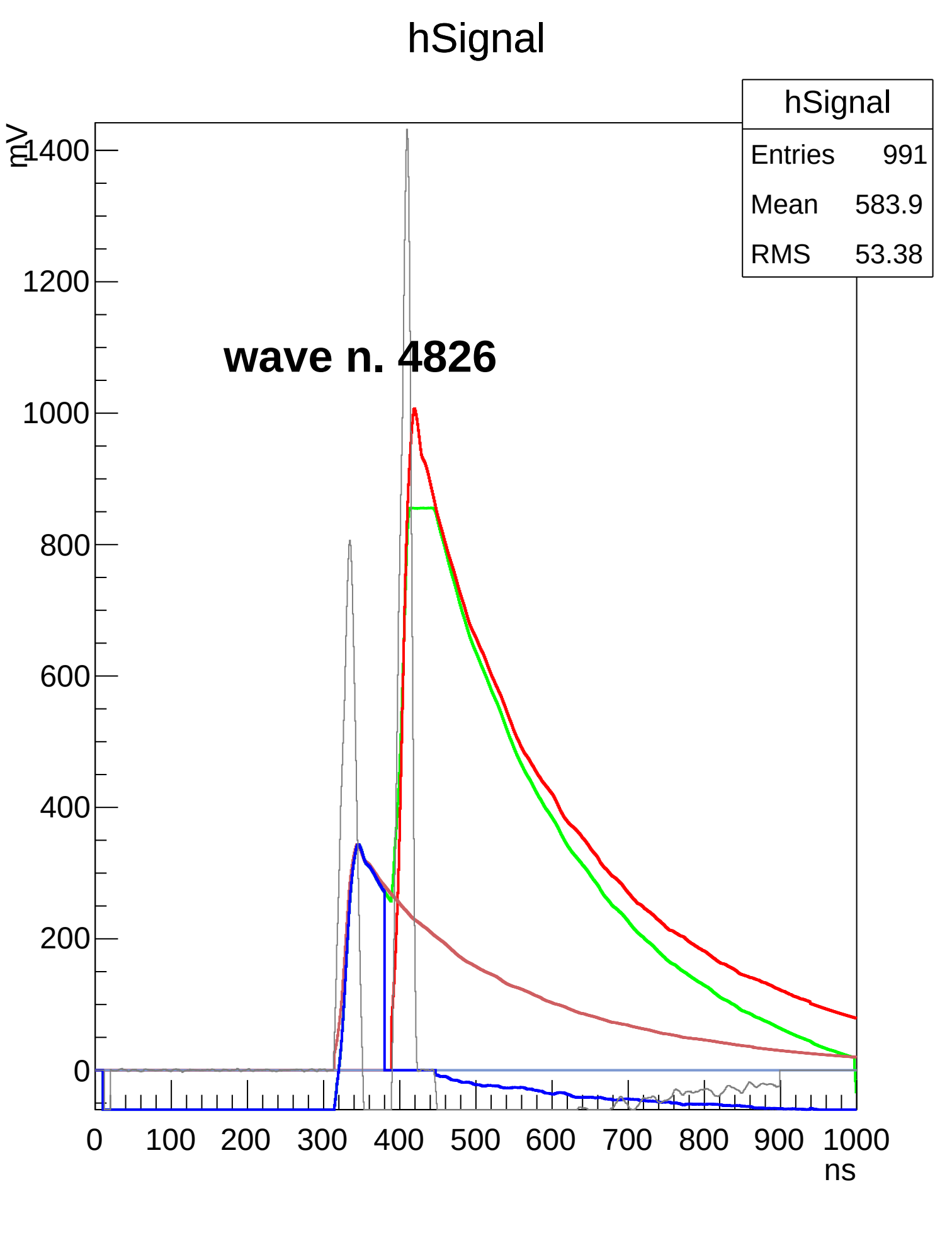
1000
ns

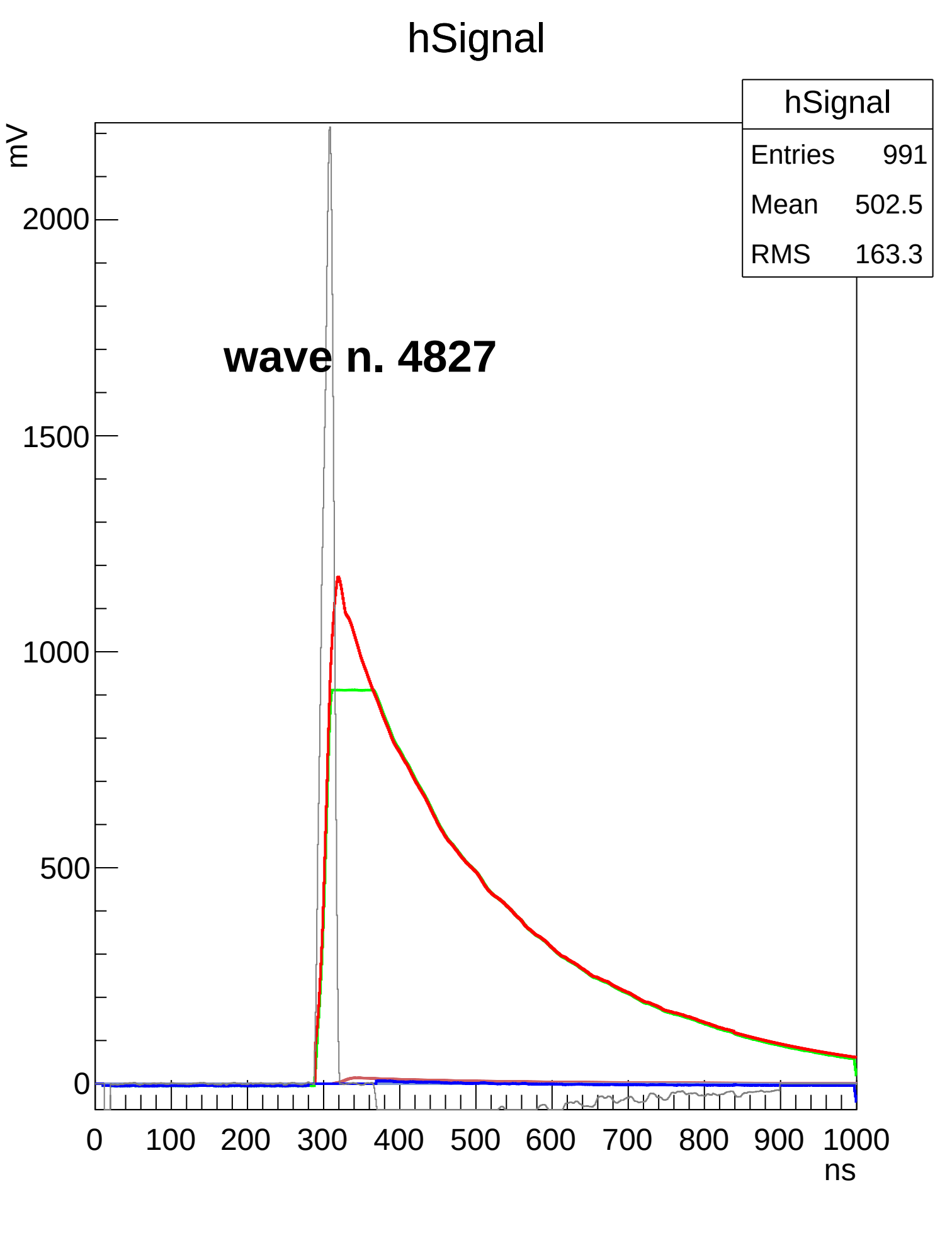

hSignal
hSignal
Entries 991
Mean 612.1
RMS 155.6
wave n. 4822
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

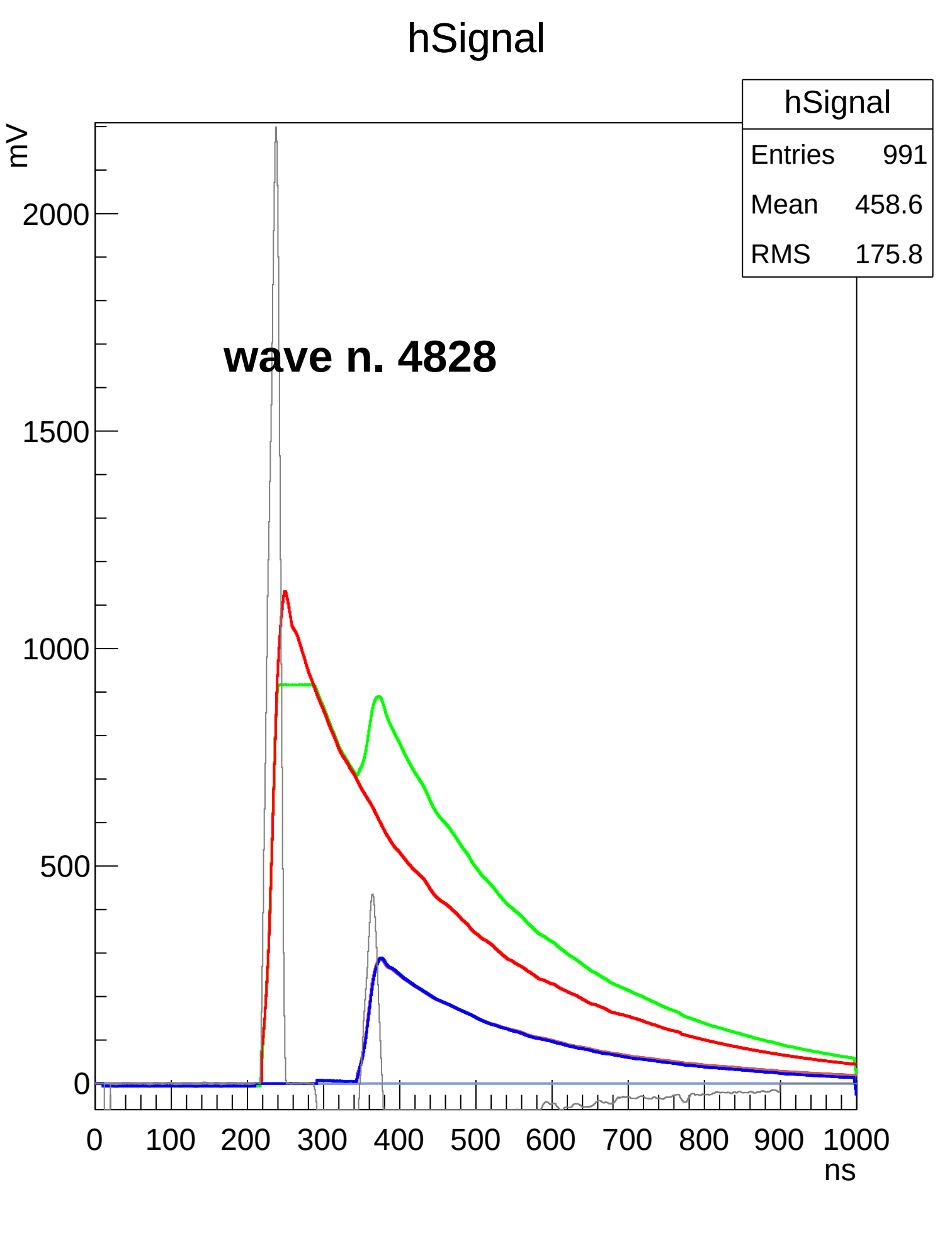

hSignal
hSignal
Entries 991
Mean 570
RMS 161
wave n. 4823
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

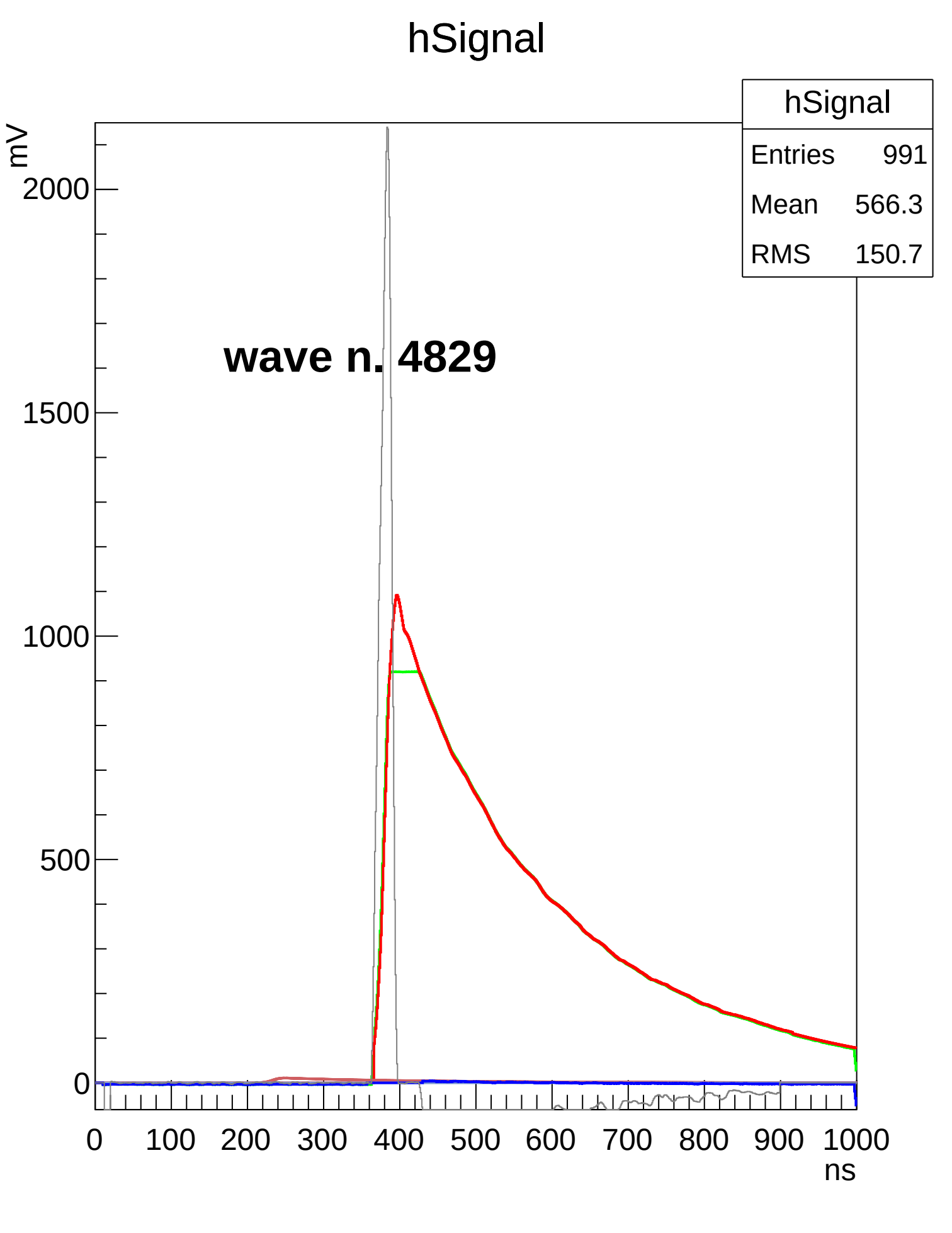

hSignal
hSignal
Entries 991
Mean 581.6
RMS 160.2
wave n. 4824
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

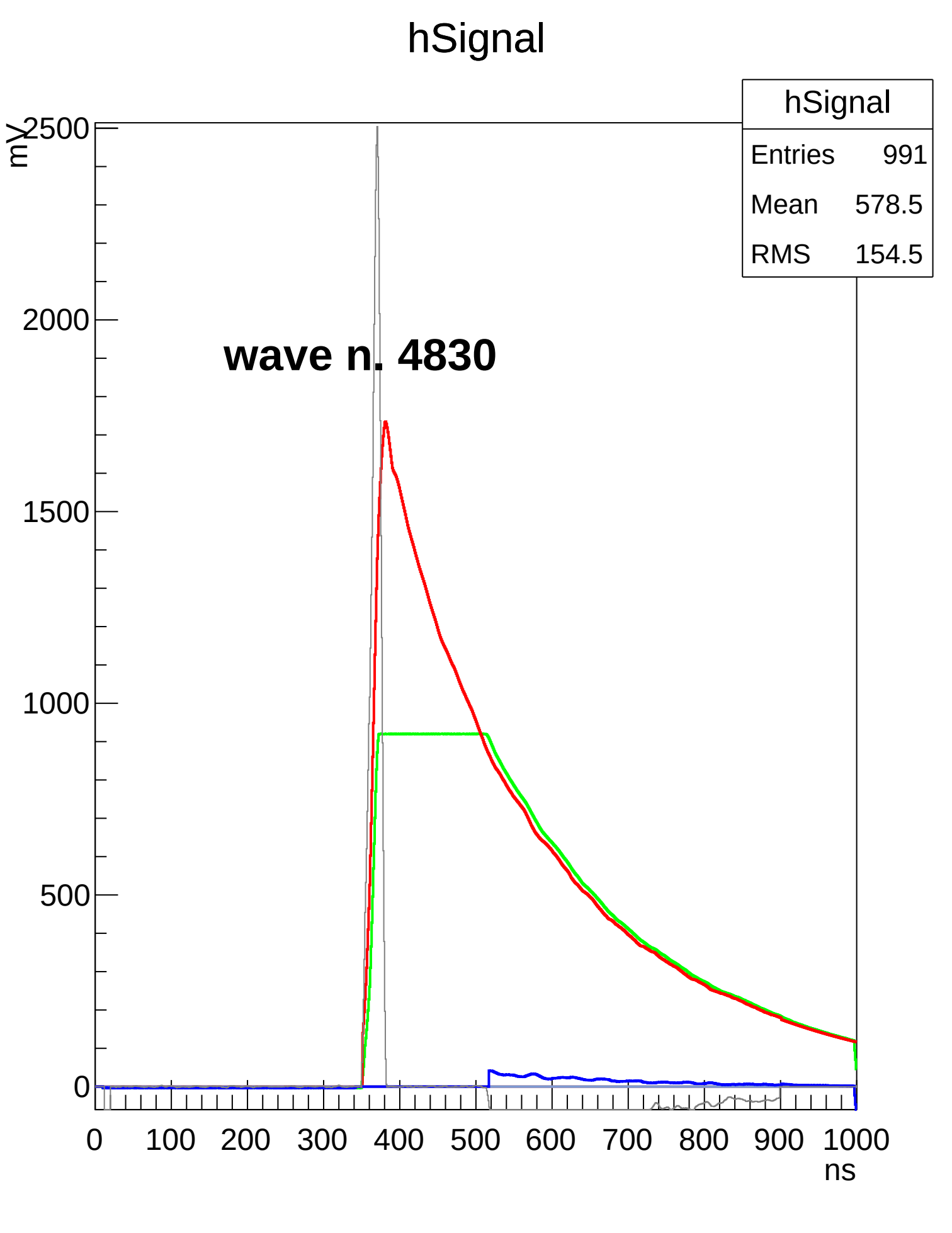

hSignal
hSignal
Entries 991
Mean 541.8
RMS 159.2
wave n. 4825
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

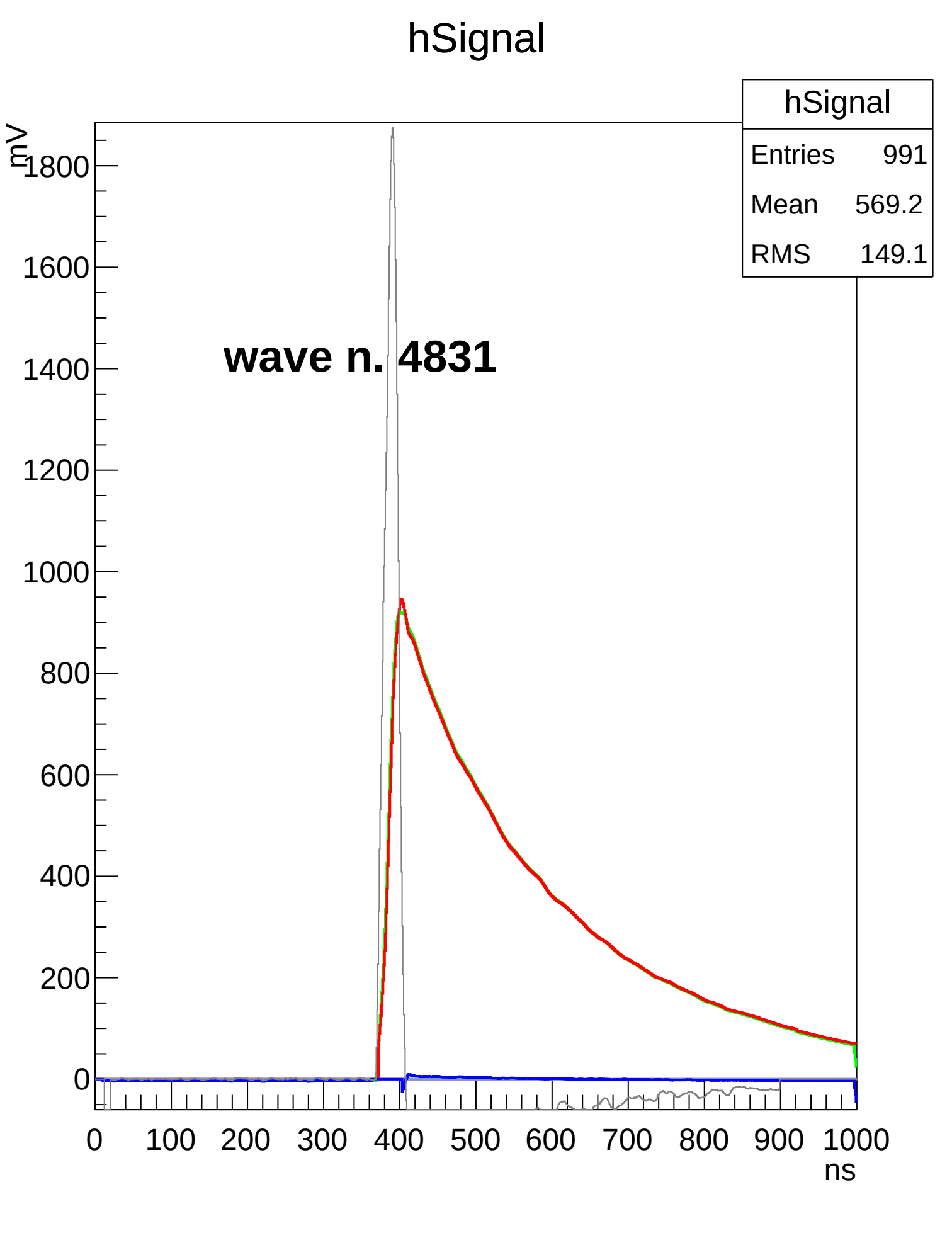

hSignal
hSignal
Entries 991
Mean 583.9
RMS 53.38
wave n. 4826
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

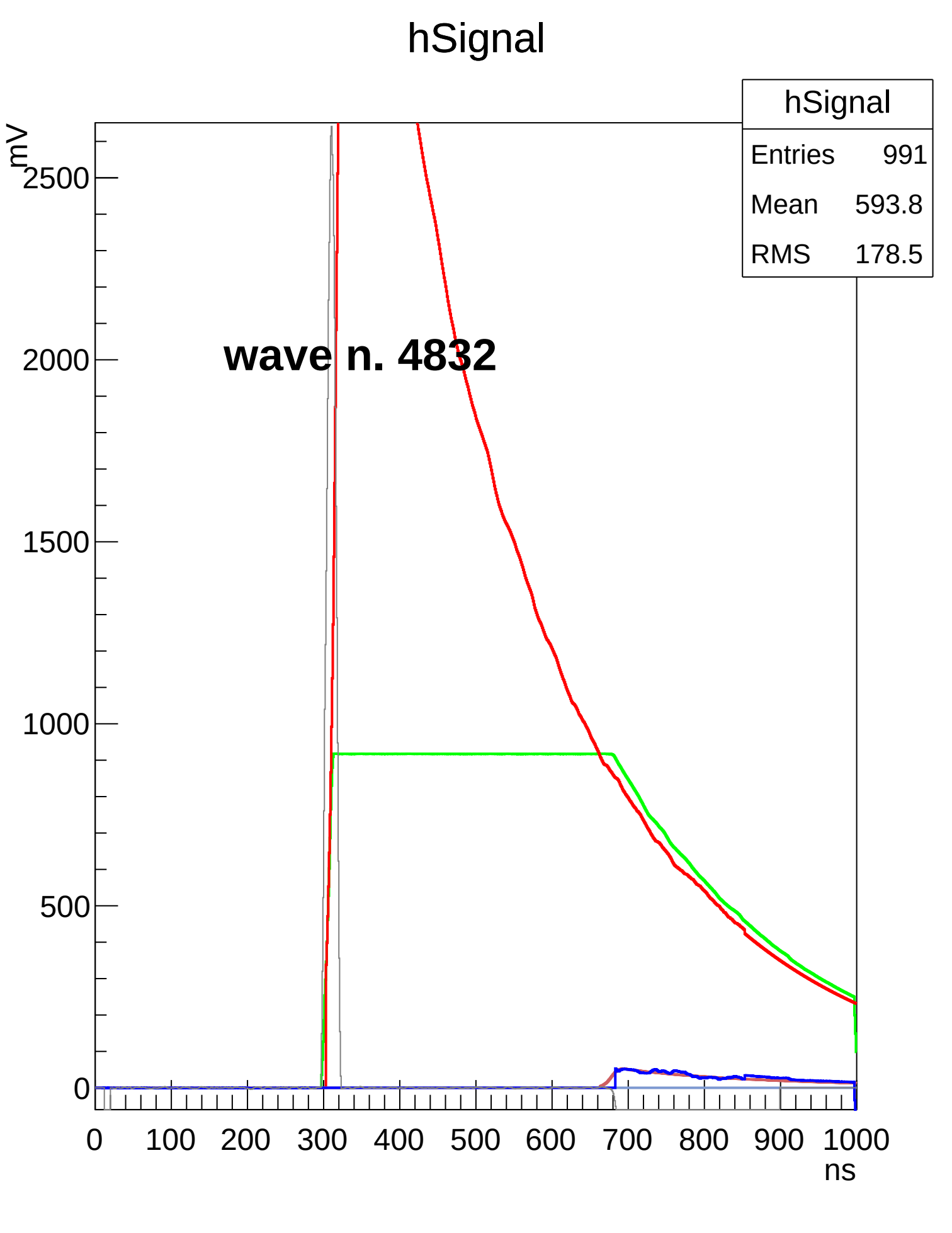

hSignal
hSignal
Entries 991
Mean 502.5
RMS 163.3
wave n. 4827
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

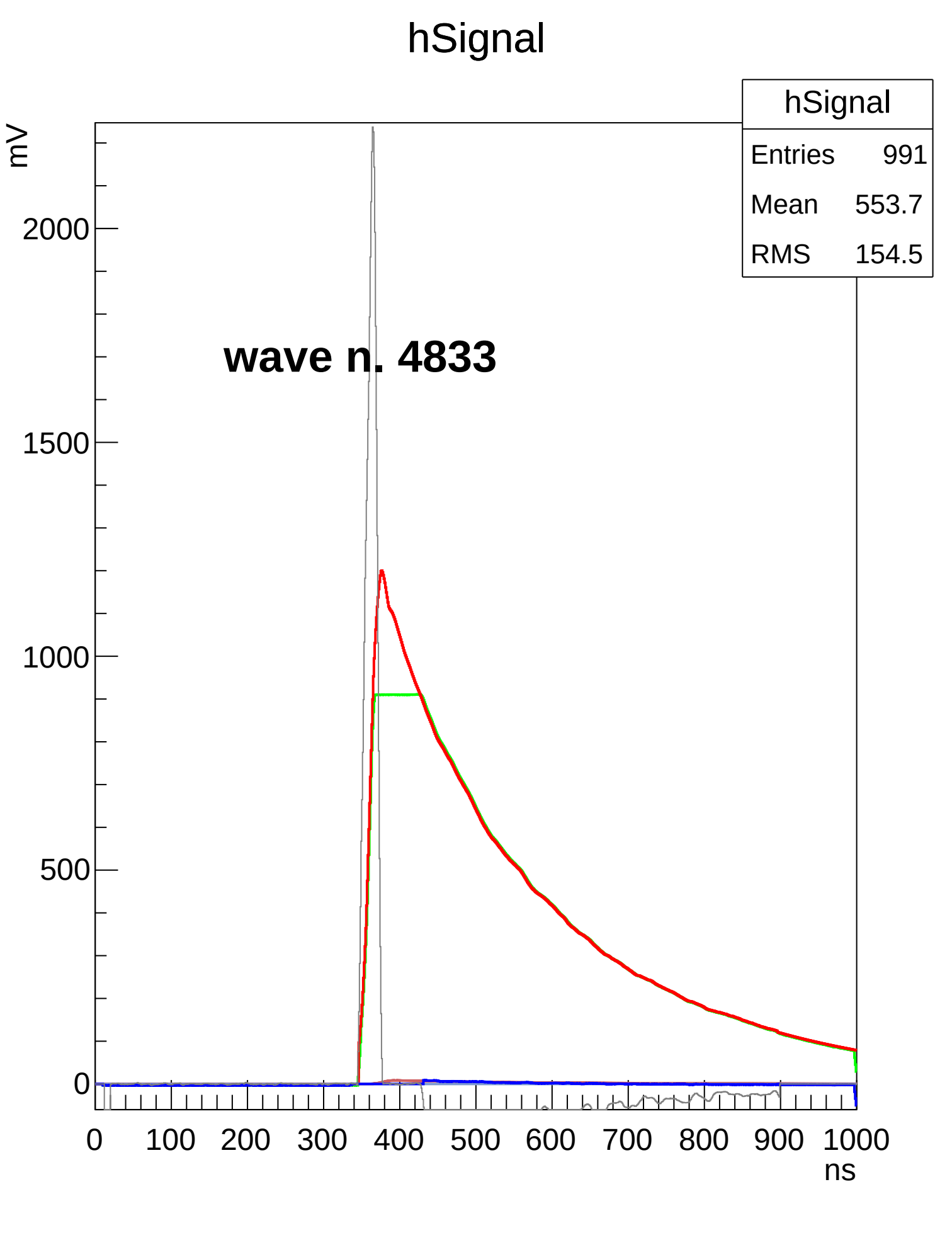

hSignal
hSignal
Entries 991
Mean 458.6
RMS 175.8
wave n. 4828
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 566.3
RMS 150.7
wave n. 4829
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578.5
RMS 154.5
wave n. 4830
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 569.2
RMS 149.1
wave n. 4831
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 593.8
RMS 178.5
wave n. 4832
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.7
RMS 154.5
wave n. 4833
mV
2000
1500
1000
500
0
0
100
200
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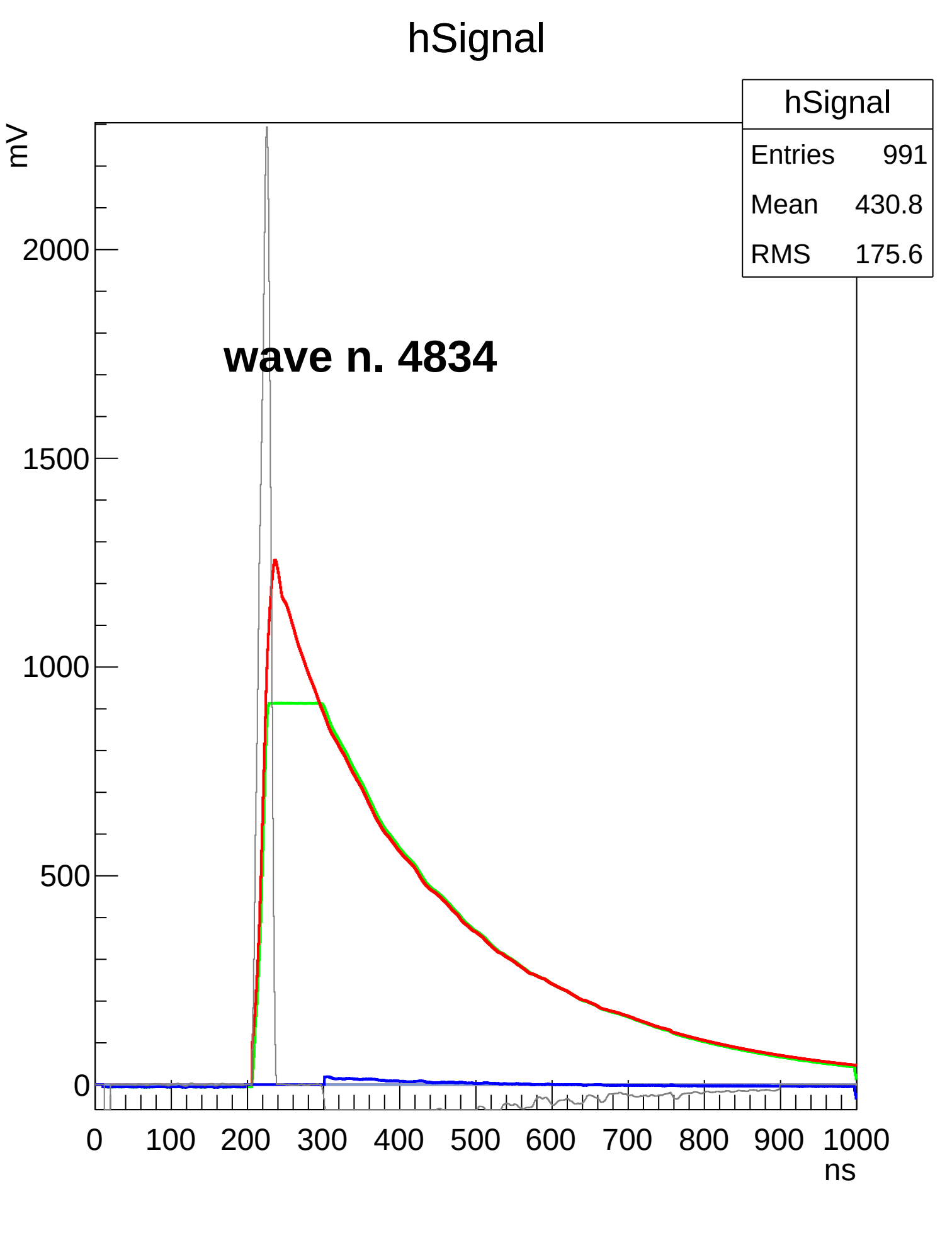
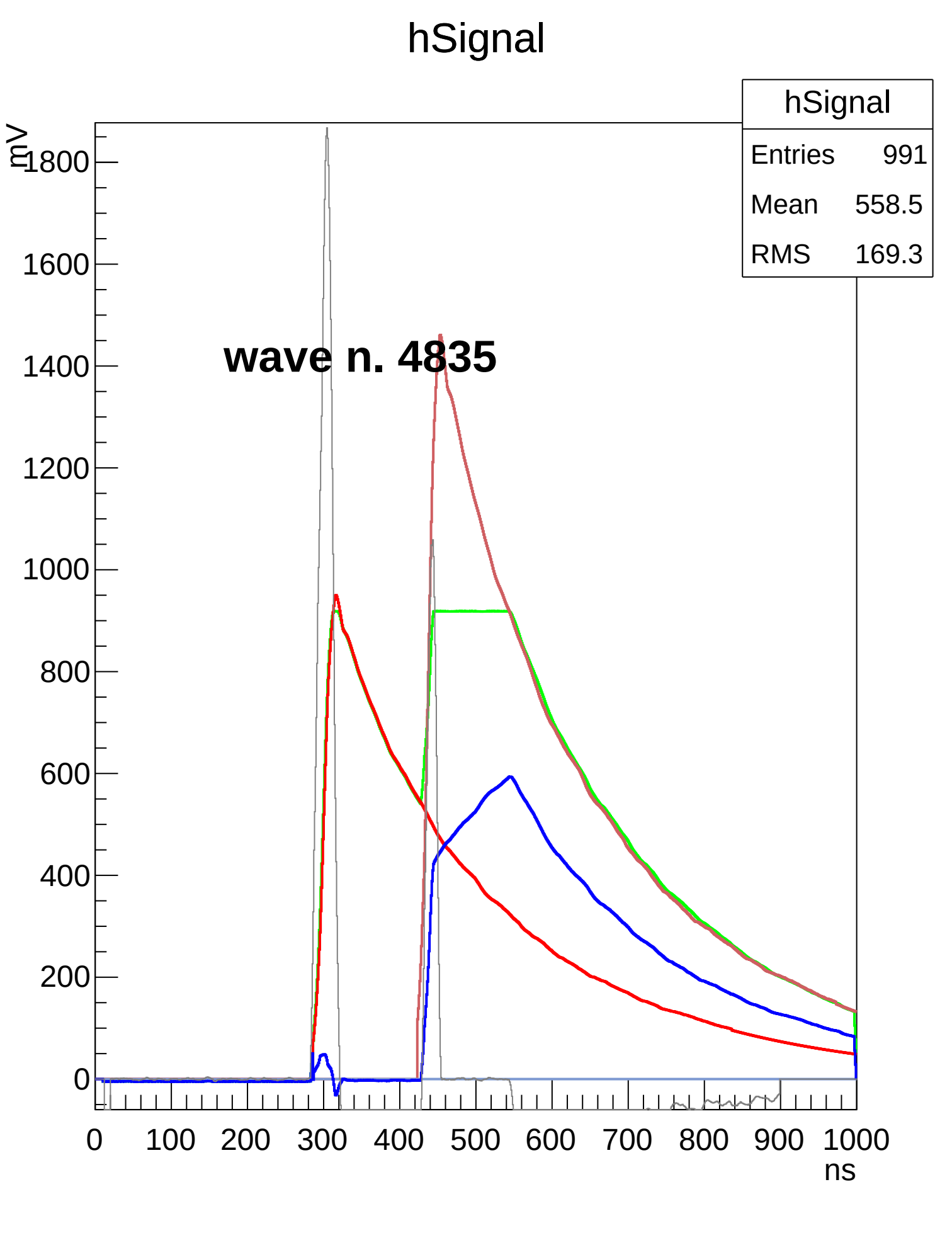
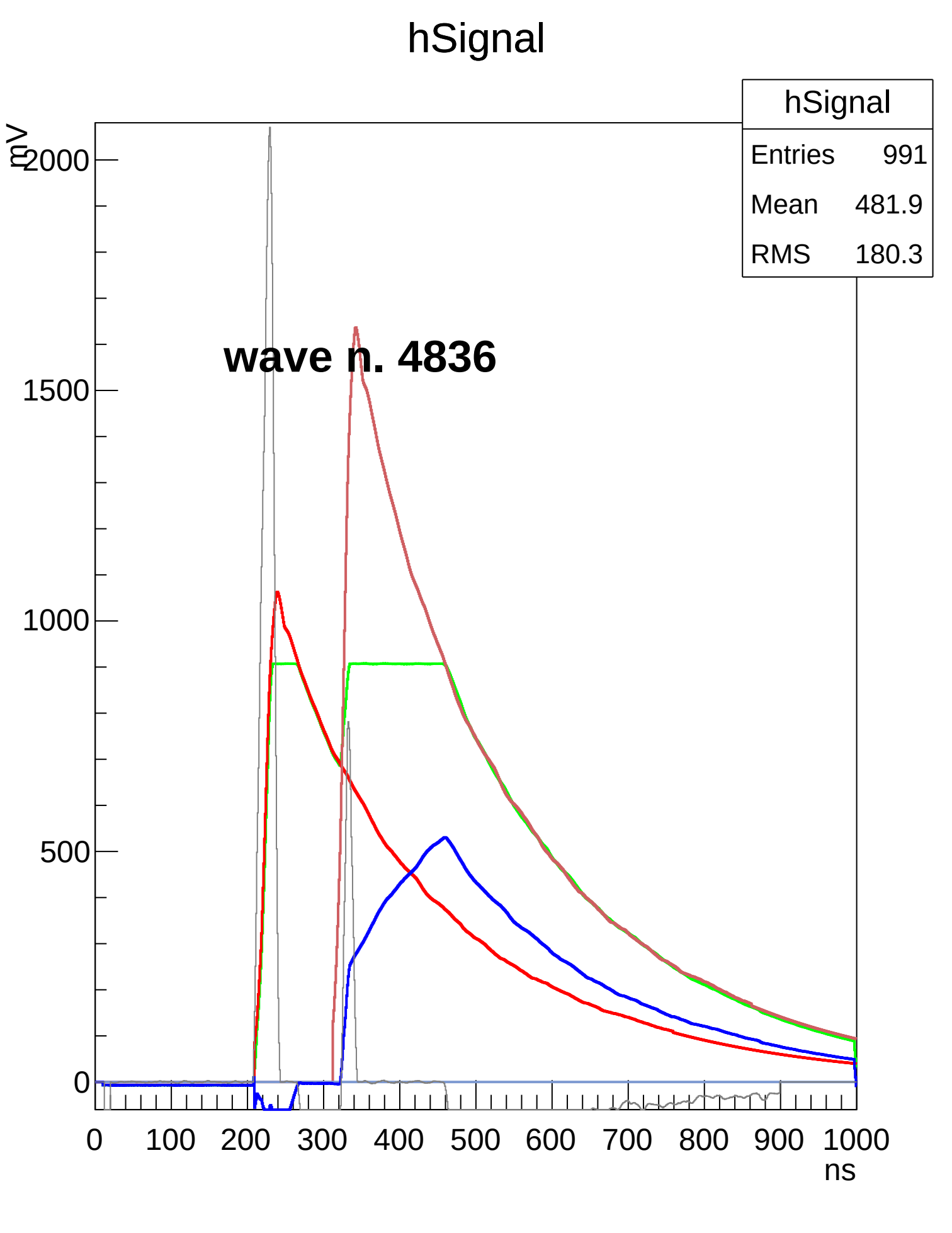
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 430.8
RMS 175.6
wave n. 4834
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 558.5
RMS 169.3
wave n. 4835
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481.9
RMS 180.3
wave n. 4836
mV
2000
1500
1000
500
0
0
100
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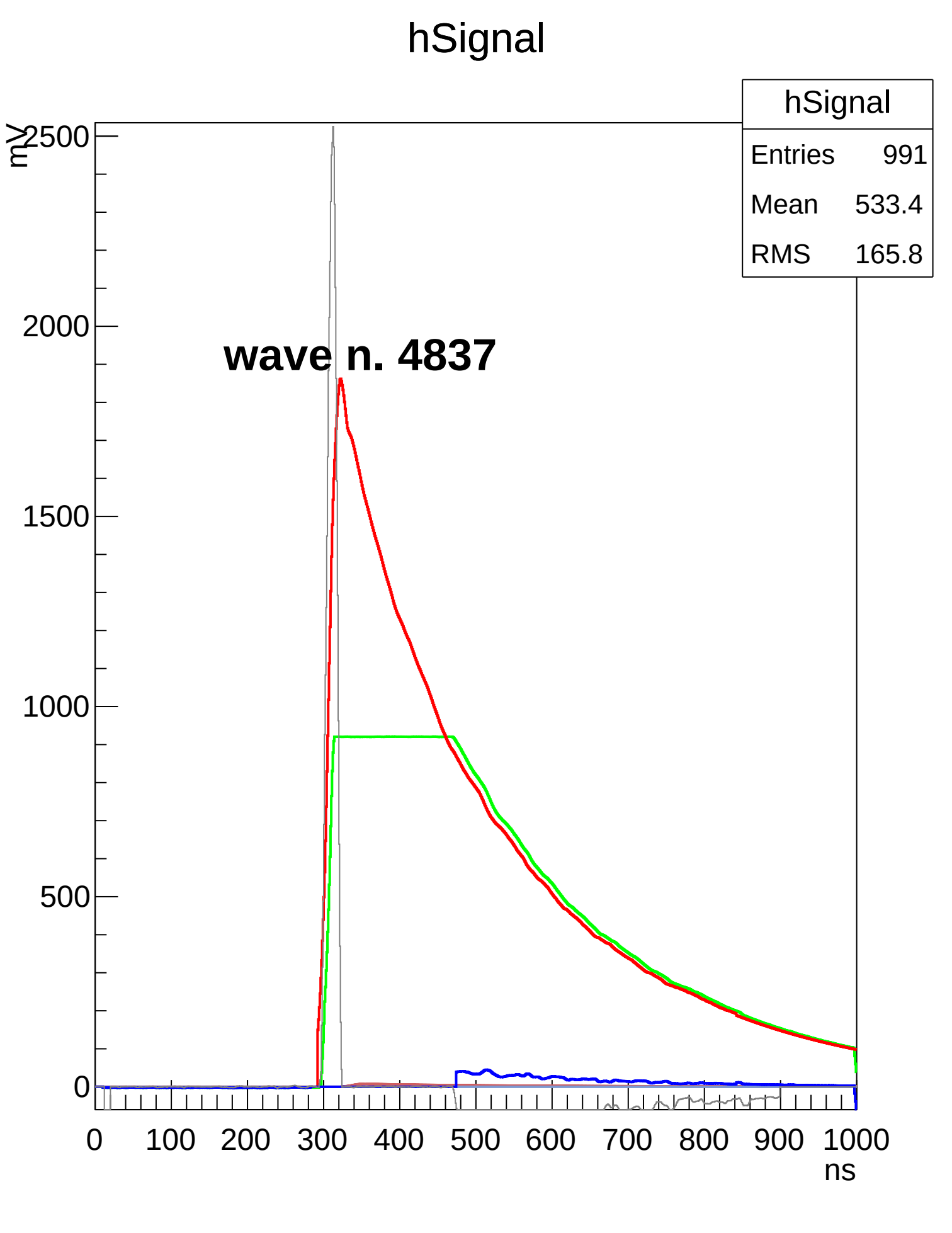
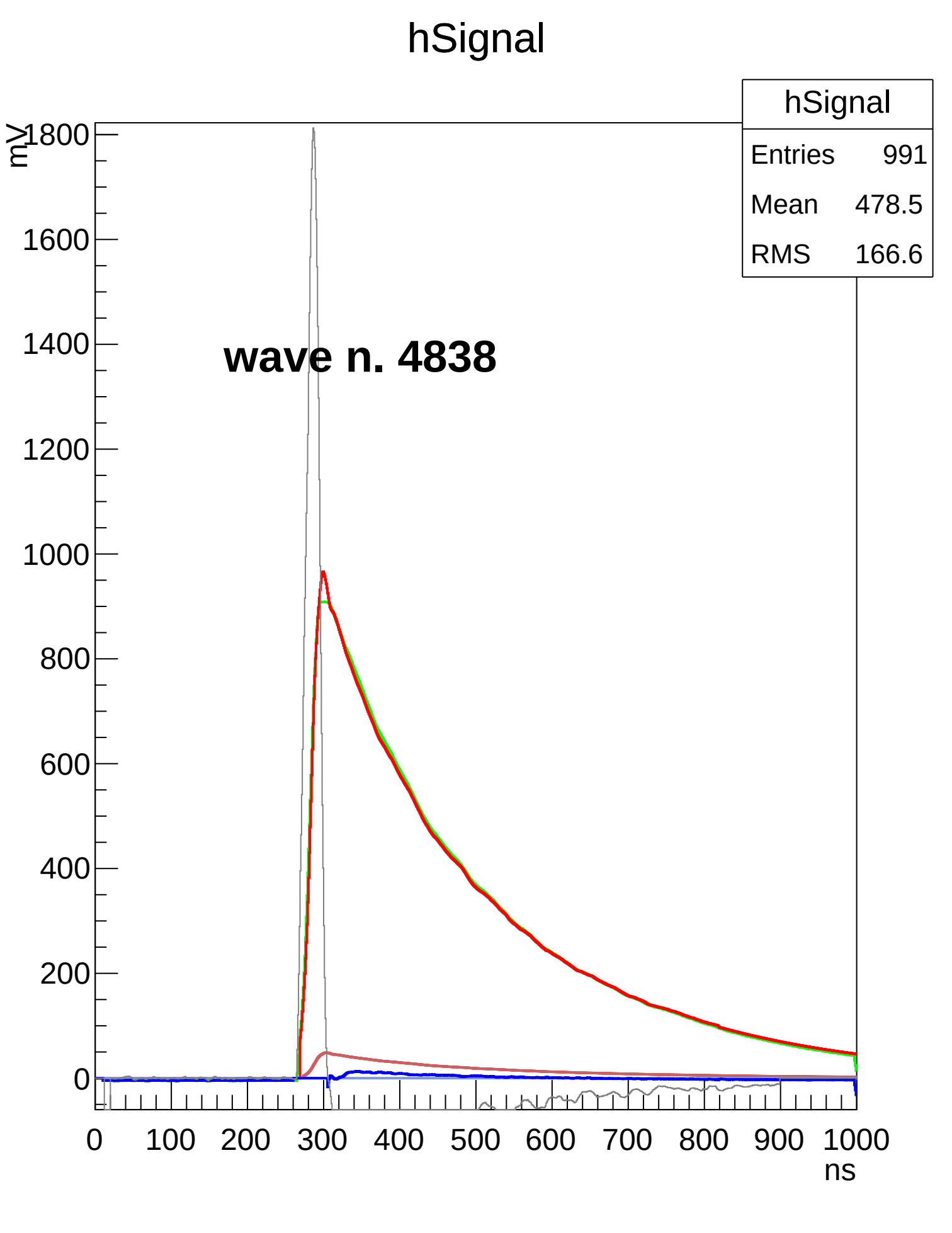
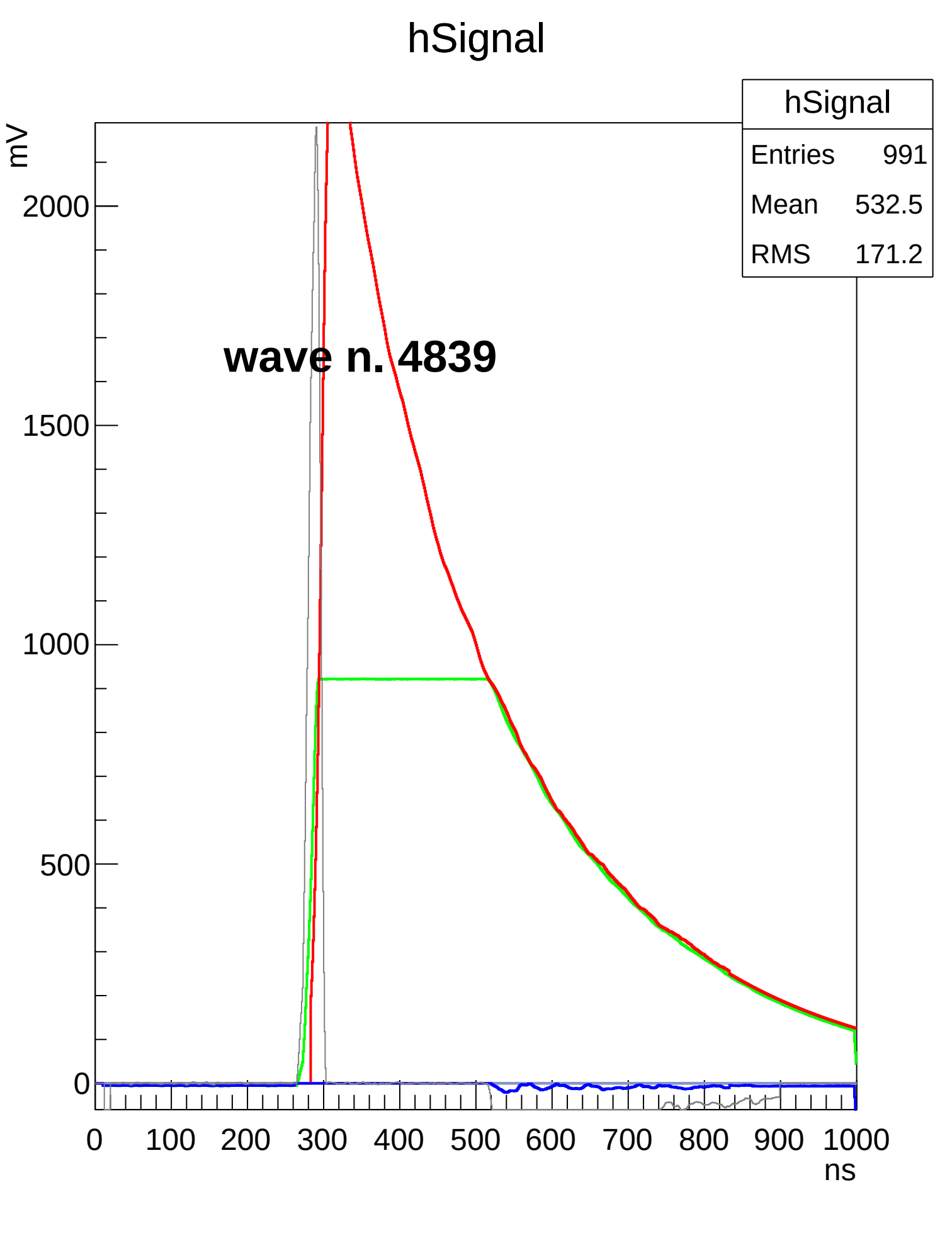
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 533.4
RMS 165.8
wave n. 4837
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 478.5
RMS 166.6
wave n. 4838
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 532.5
RMS 171.2
wave n. 4839
mV
2000
1500
1000
500
0
0
100
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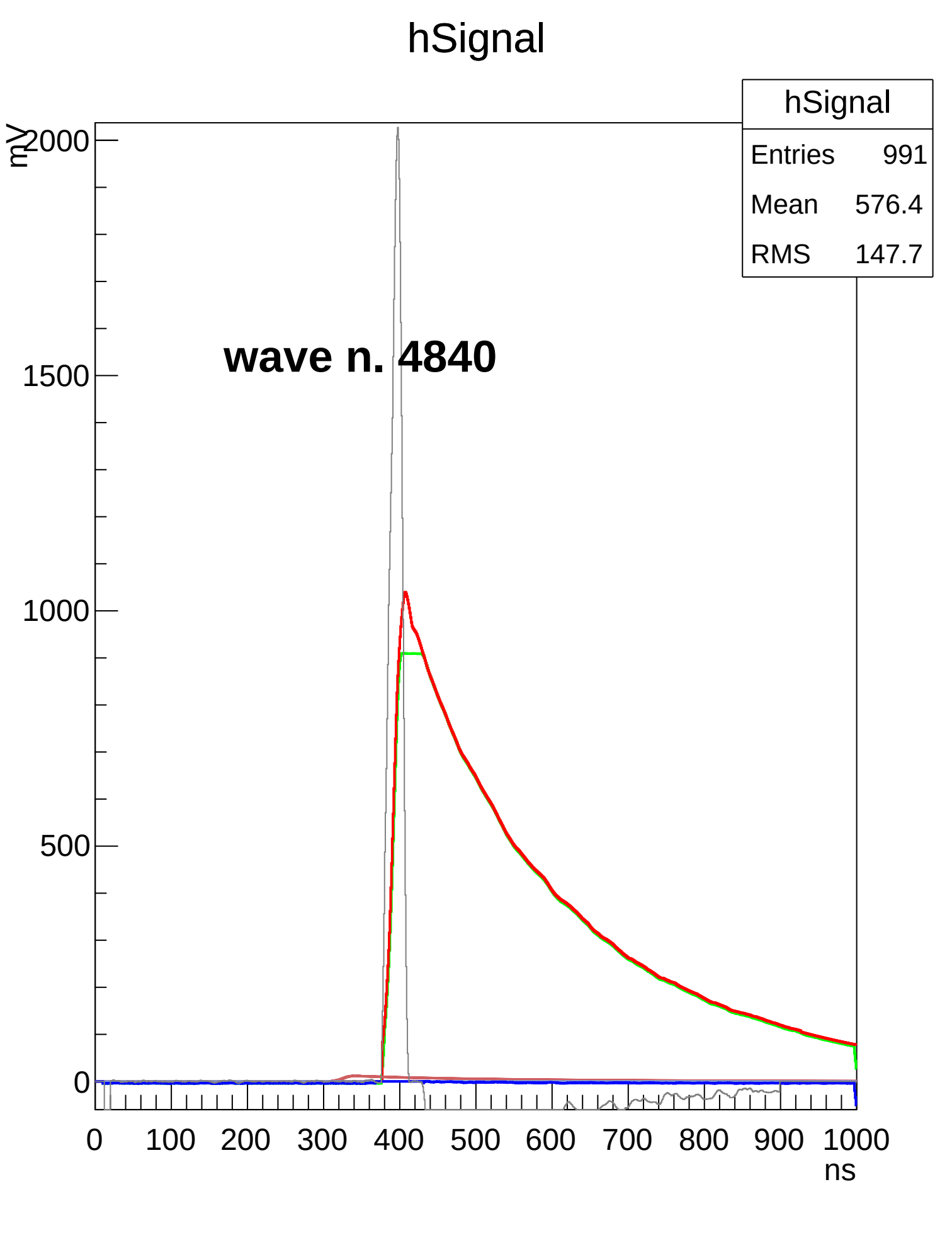
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576.4
RMS 147.7
wave n. 4840
mV
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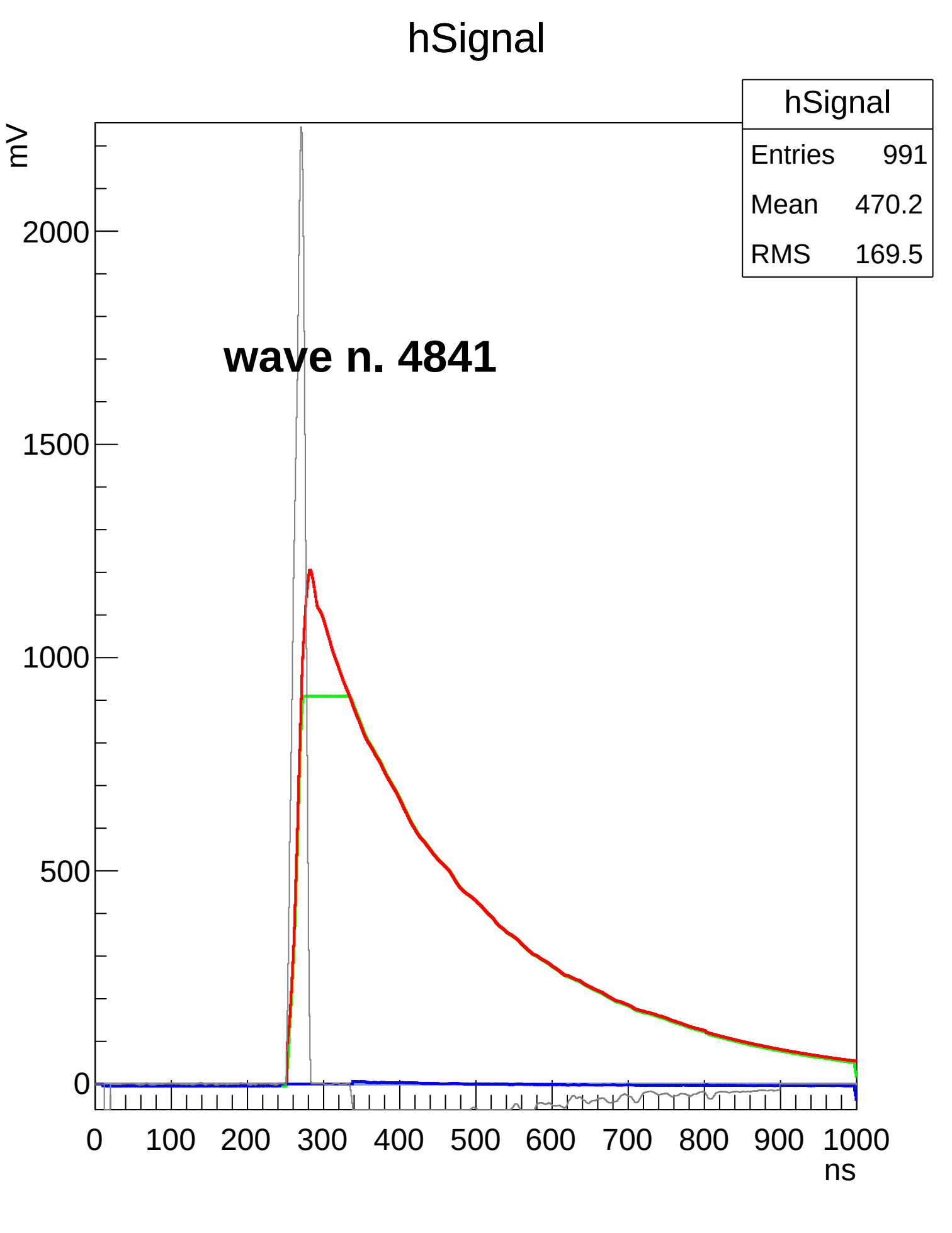
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 470.2
RMS 169.5
wave n. 4841
mV
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1500
1000
500
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0
100
200
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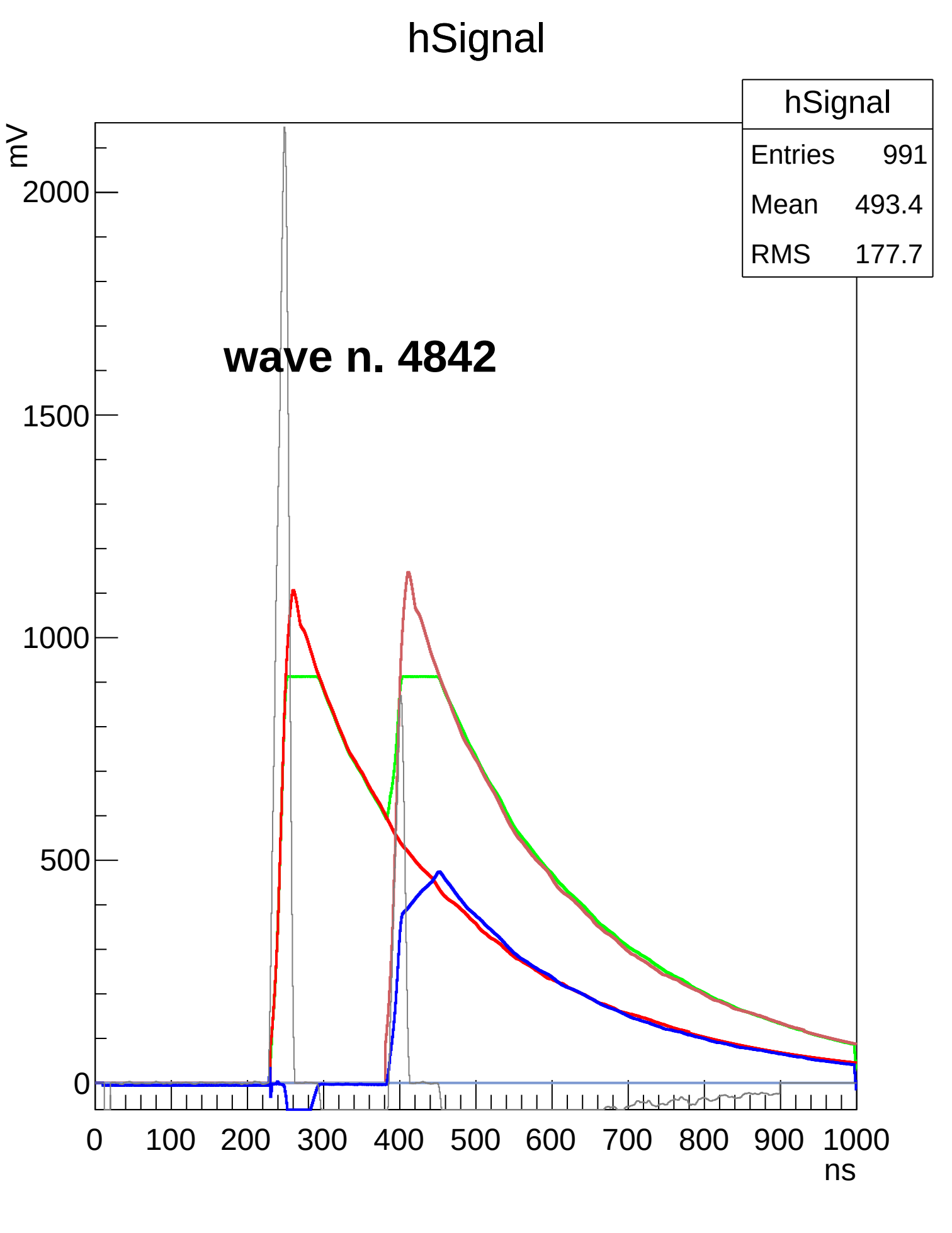
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 493.4
RMS 177.7
wave n. 4842
mV
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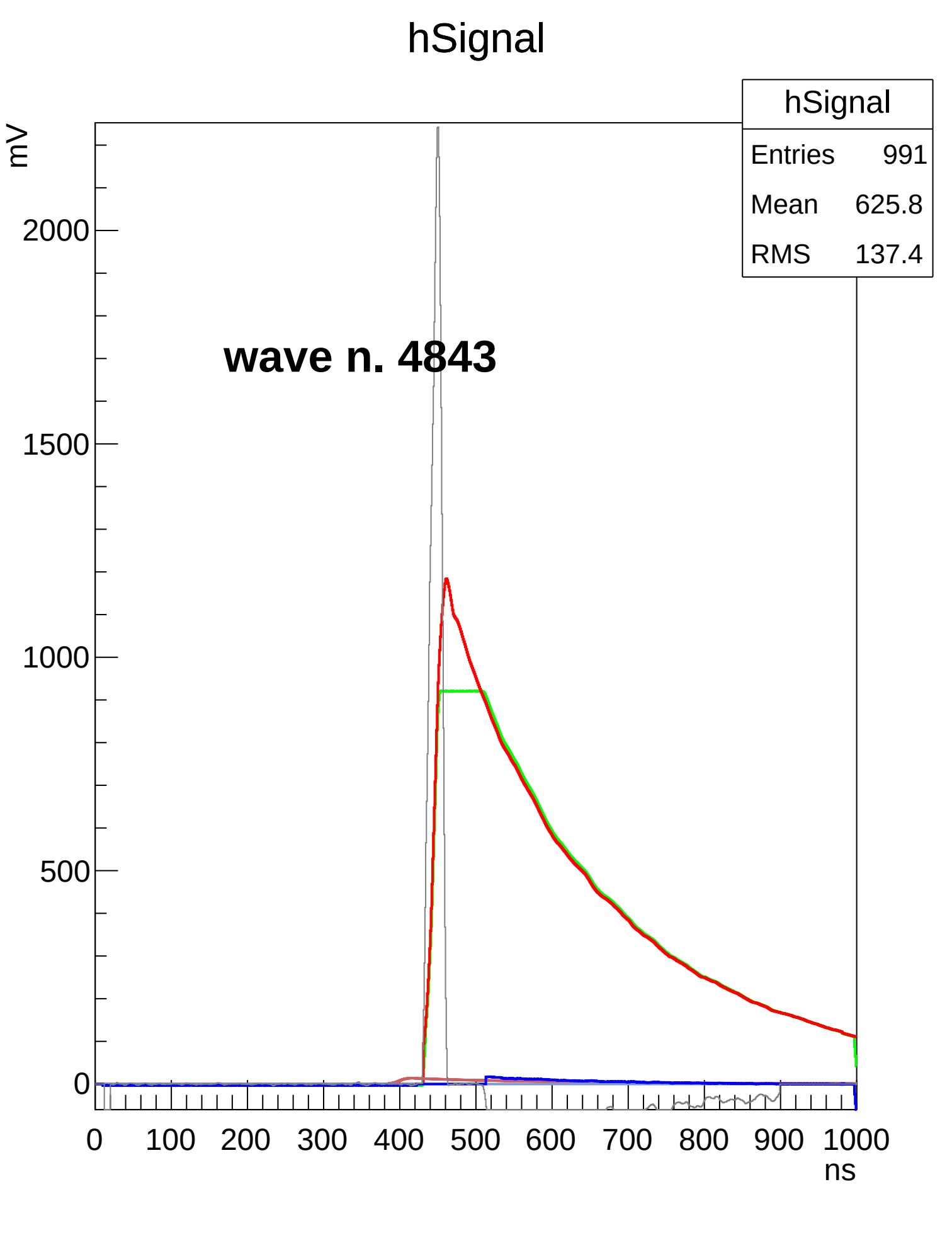
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 625.8
RMS 137.4
wave n. 4843
mV
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1500
1000
500
0
0
100
200
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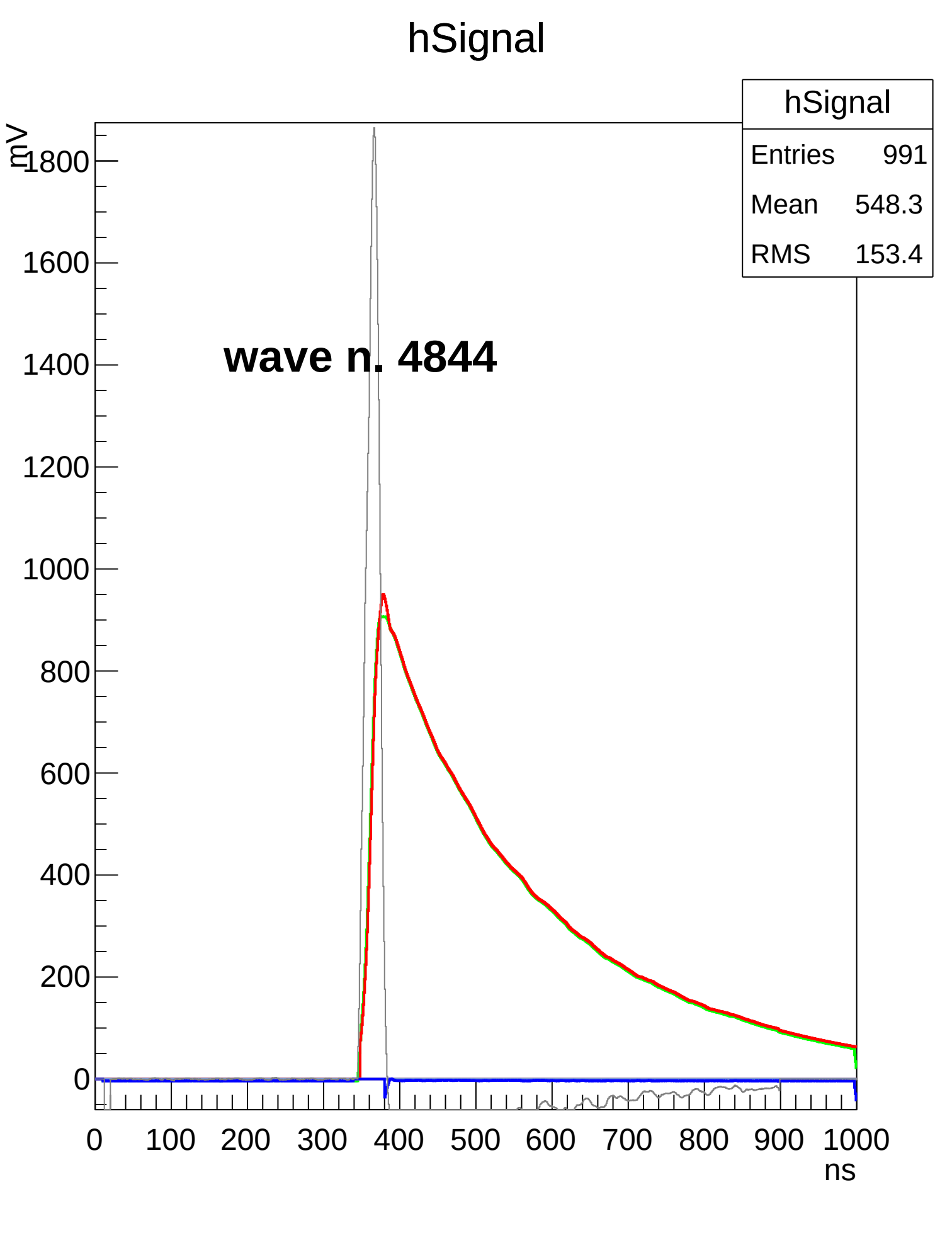
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 548.3
RMS 153.4
wave n. 4844
mV
1800
1600
1400
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1000
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600
400
200
0
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100
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1000
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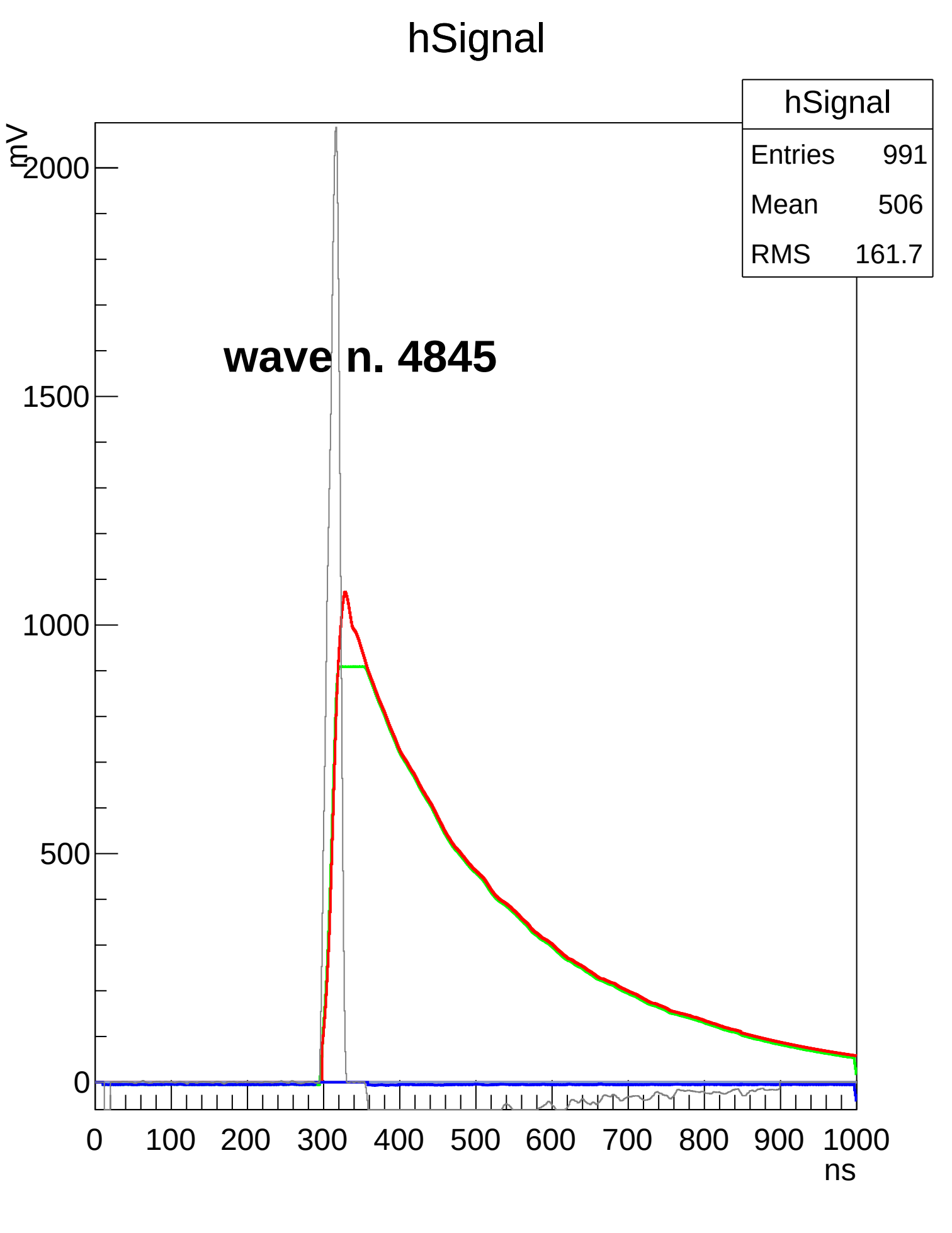
hSignal
hSignal
Entries 991
Mean 506
RMS 161.7
wave n. 4845
mV
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1500
1000
500
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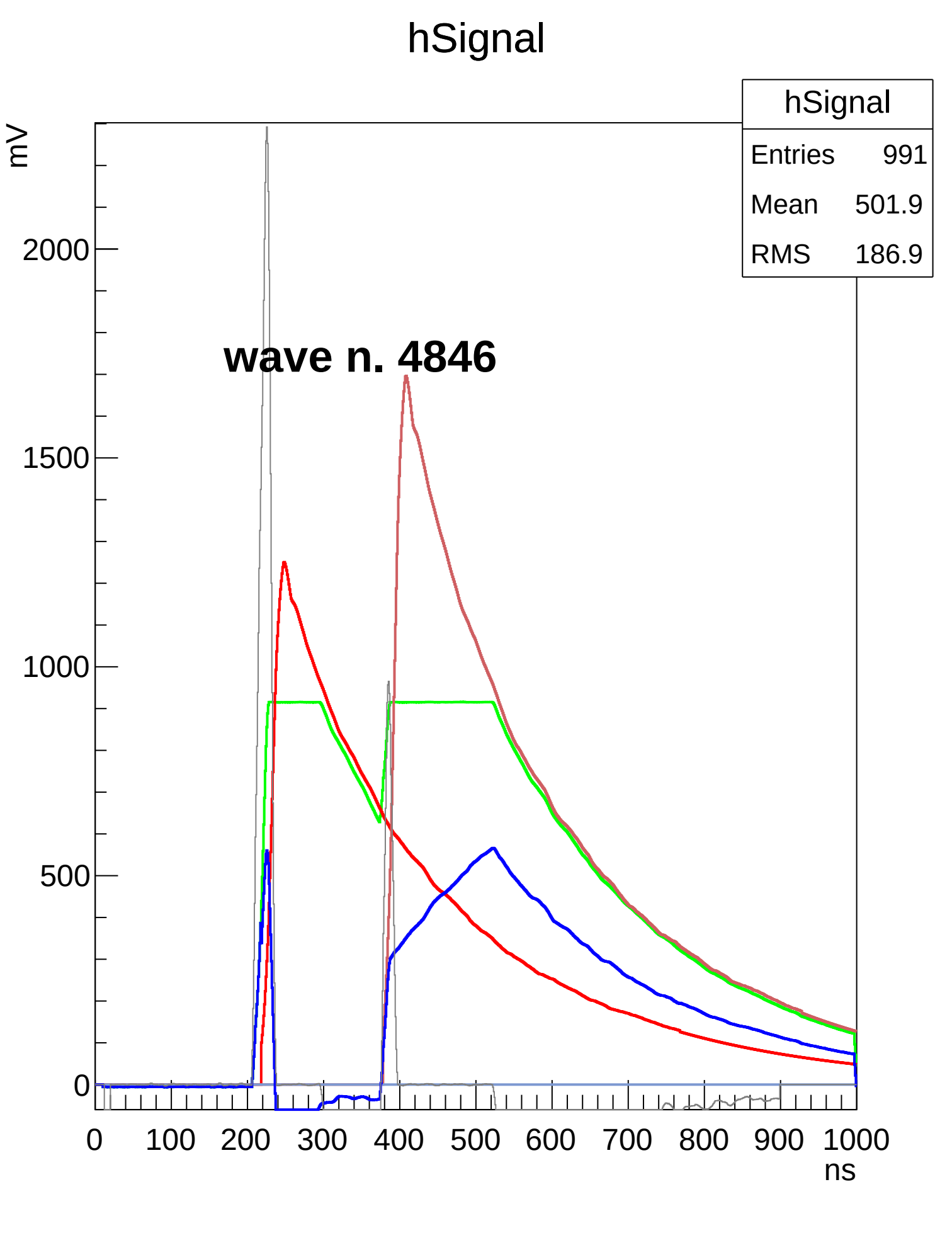
ns


hSignal
hSignal
Entries 991
Mean 501.9
RMS 186.9
wave n. 4846
mV
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100
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400
500
600
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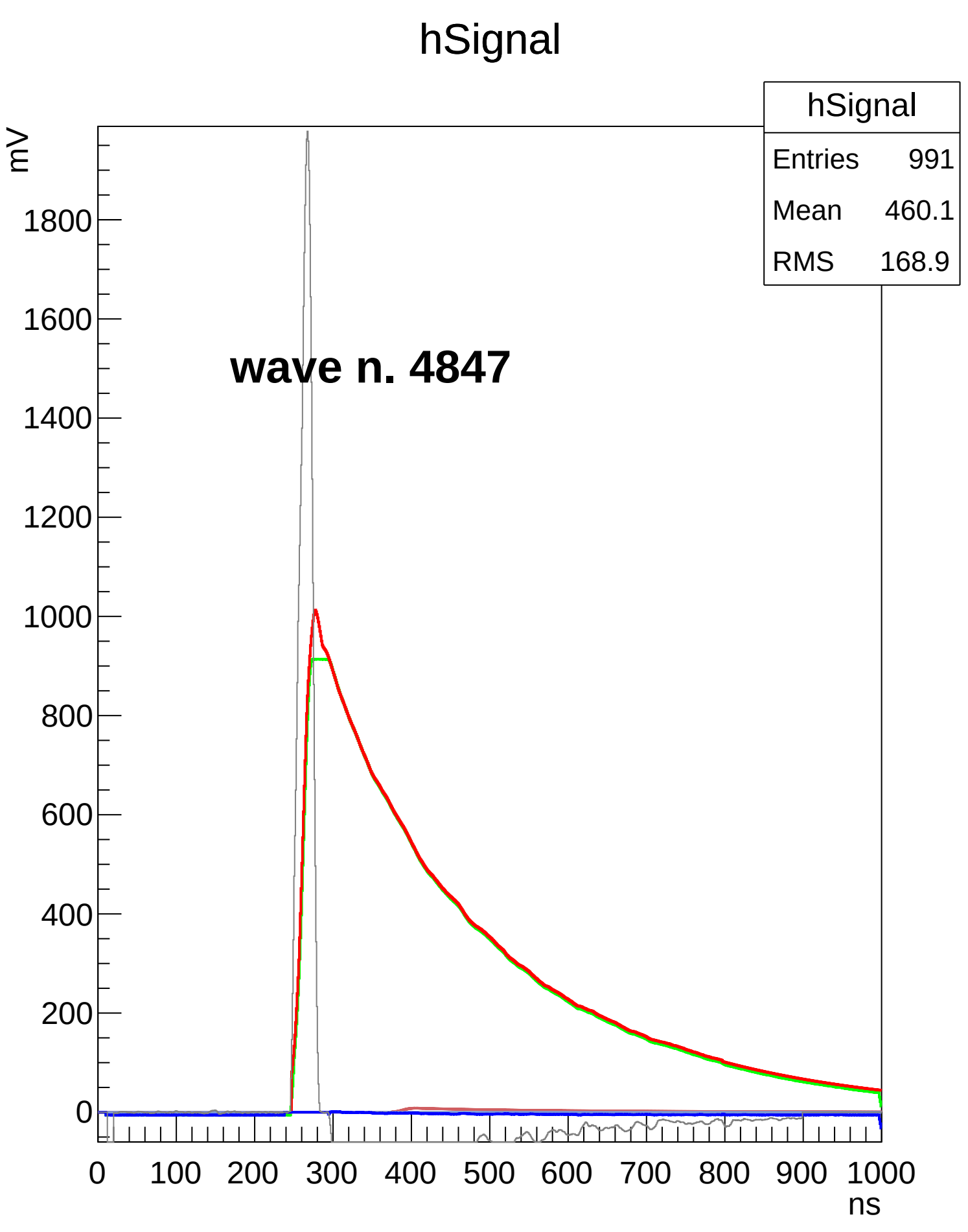
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 460.1
RMS 168.9
wave n. 4847
mV
1800
1600
1400
1200
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600
400
200
0
0
100
200
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400
500
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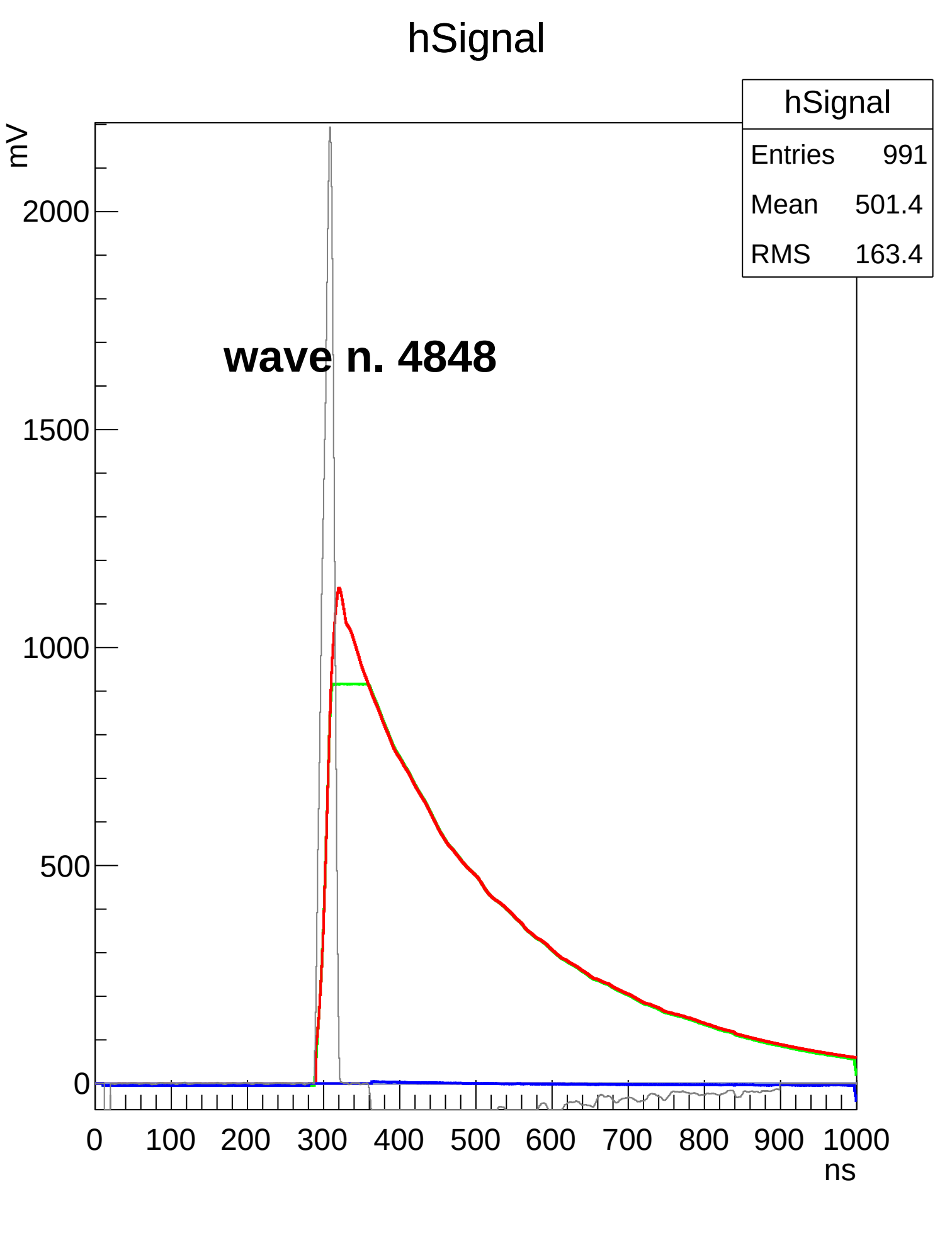
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 501.4
RMS 163.4
wave n. 4848
mV
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1500
1000
500
0
0
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400
500
600
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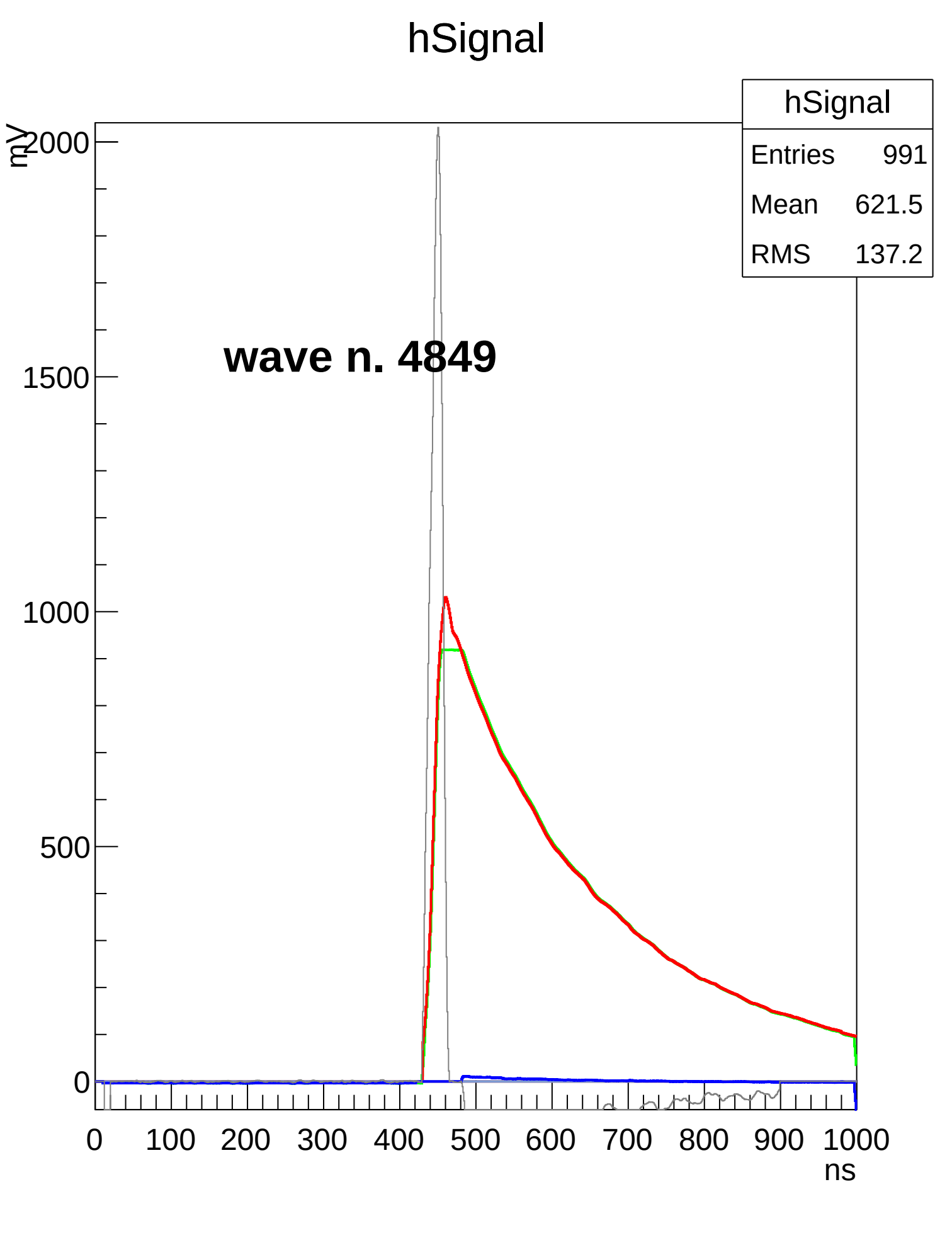
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 621.5
RMS 137.2
wave n. 4849
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1000
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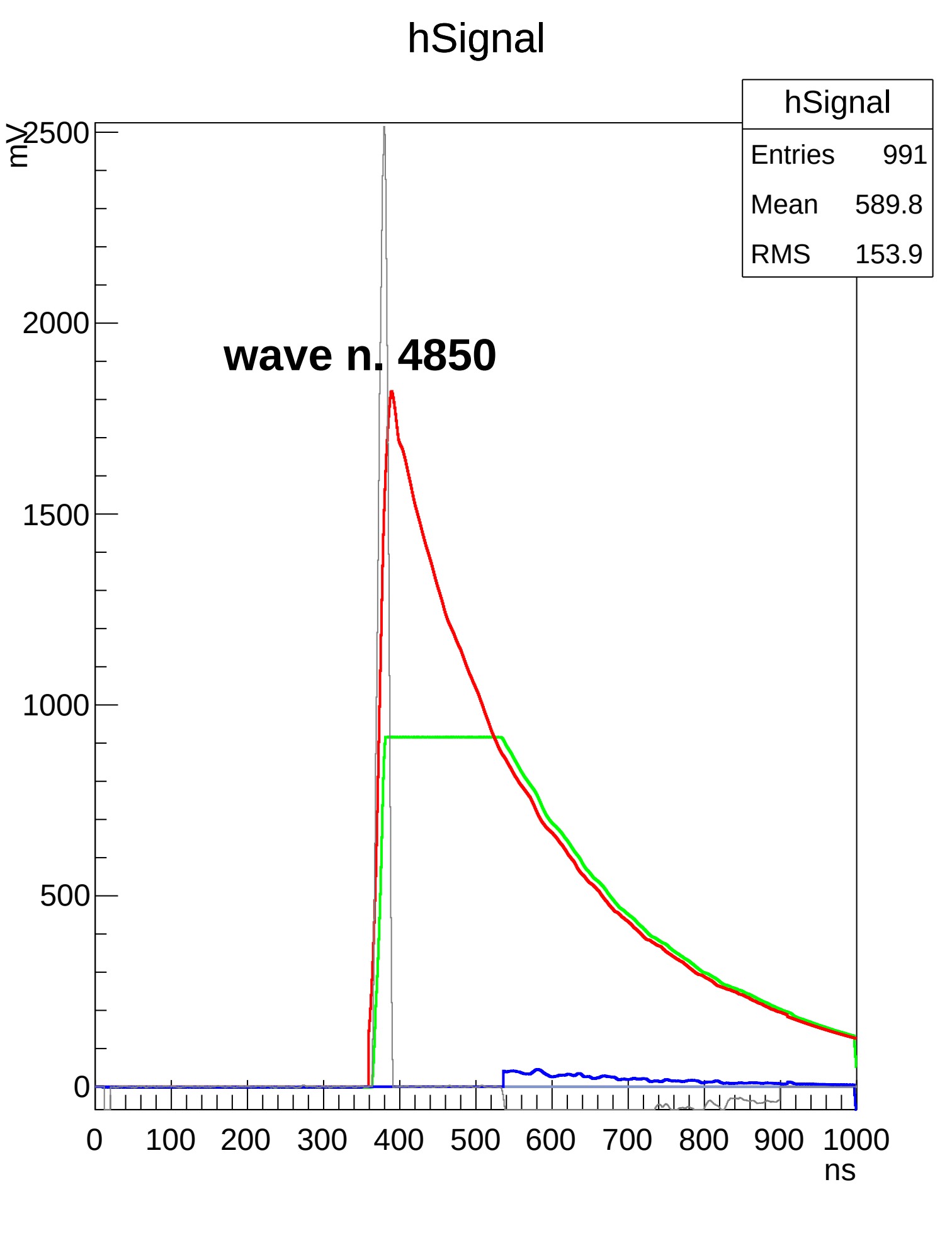
1000
ns


hSignal
hSignal
Entries 991
Mean 589.8
RMS 153.9
wave n. 4850
mV
2500
2000
1500
1000
500
0
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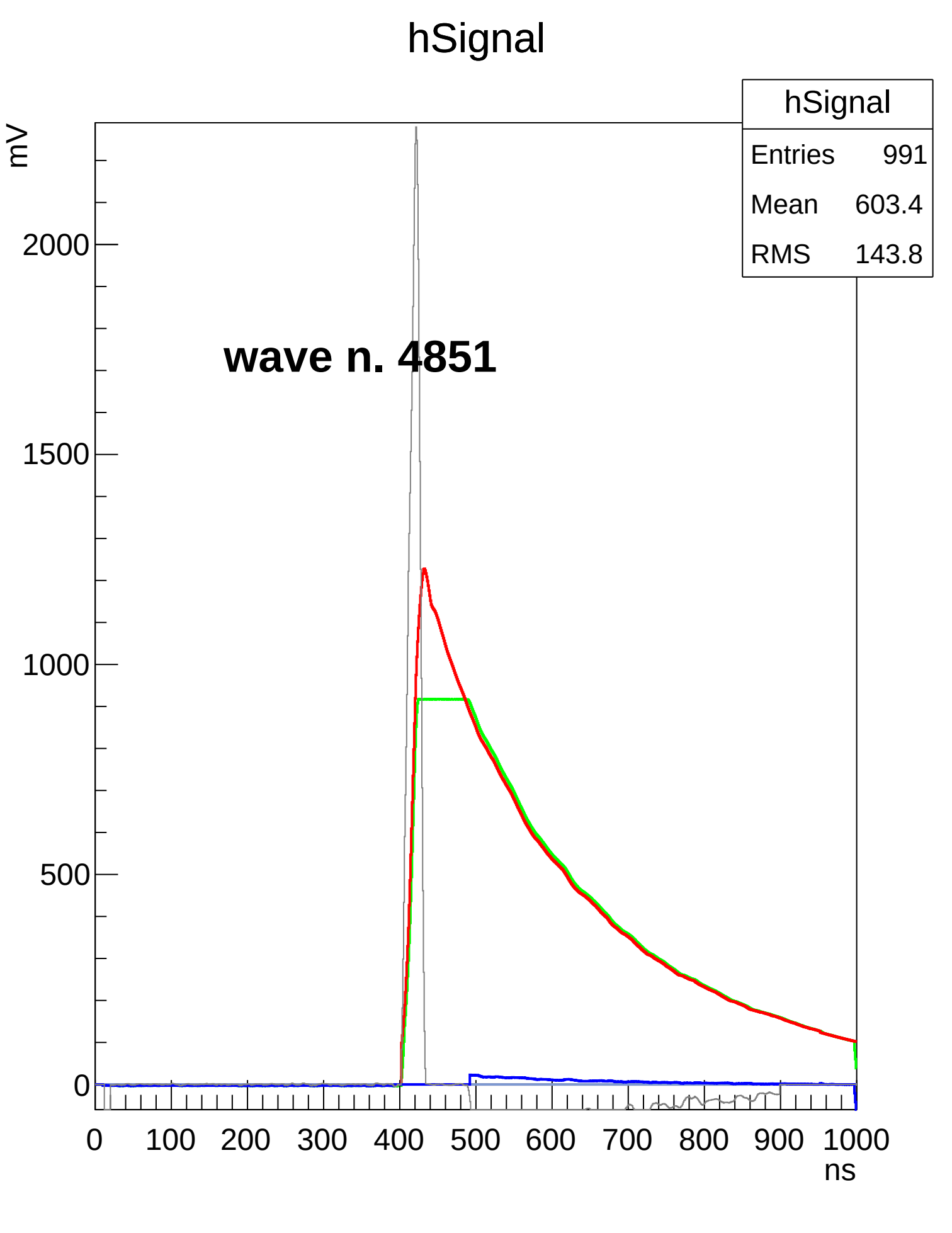
ns


hSignal
hSignal
Entries 991
Mean 603.4
RMS 143.8
wave n. 4851
mV
2000
1500
1000
500
0
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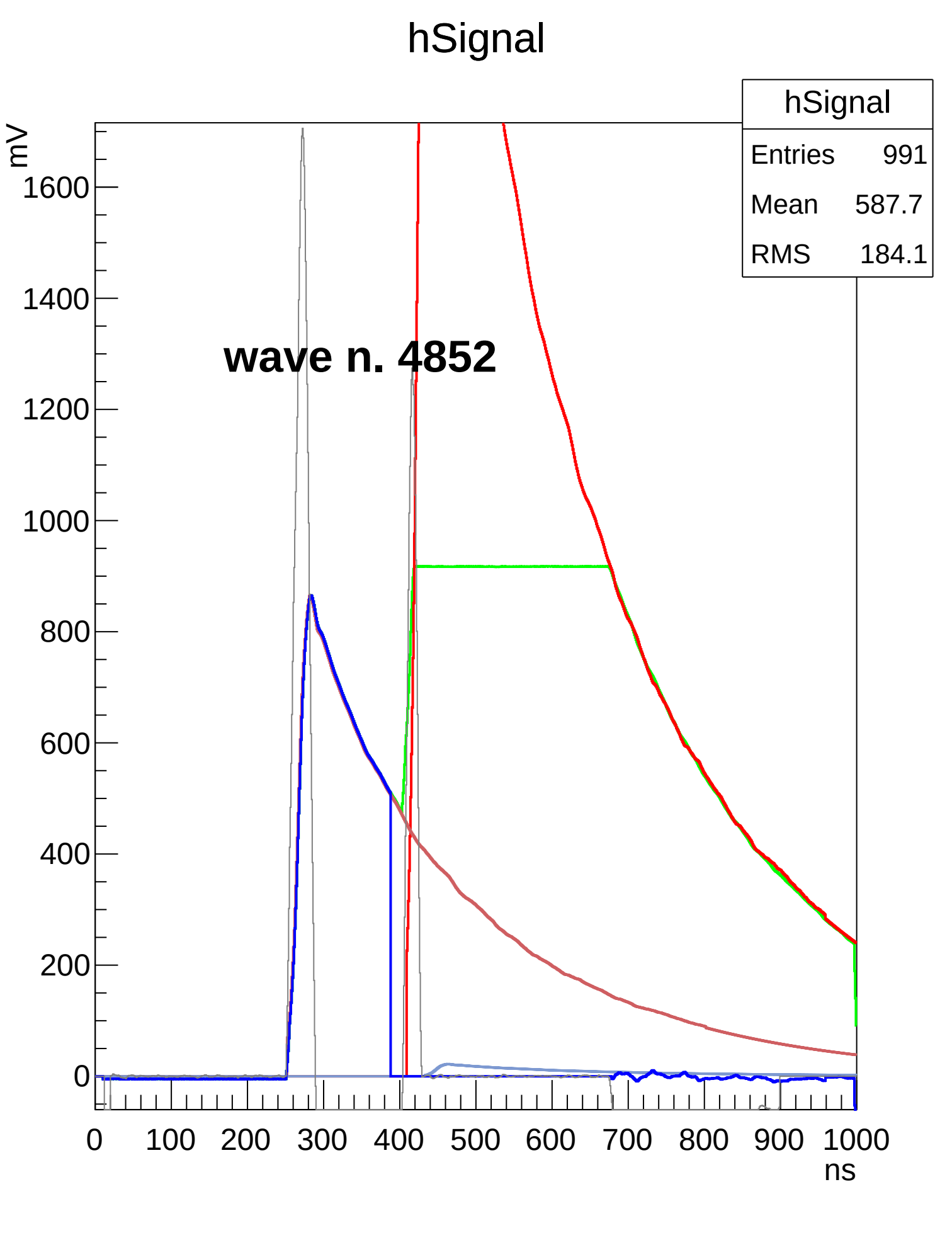
ns


hSignal
hSignal
Entries 991
Mean 587.7
RMS 184.1
wave n. 4852
mV
1600
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600
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400
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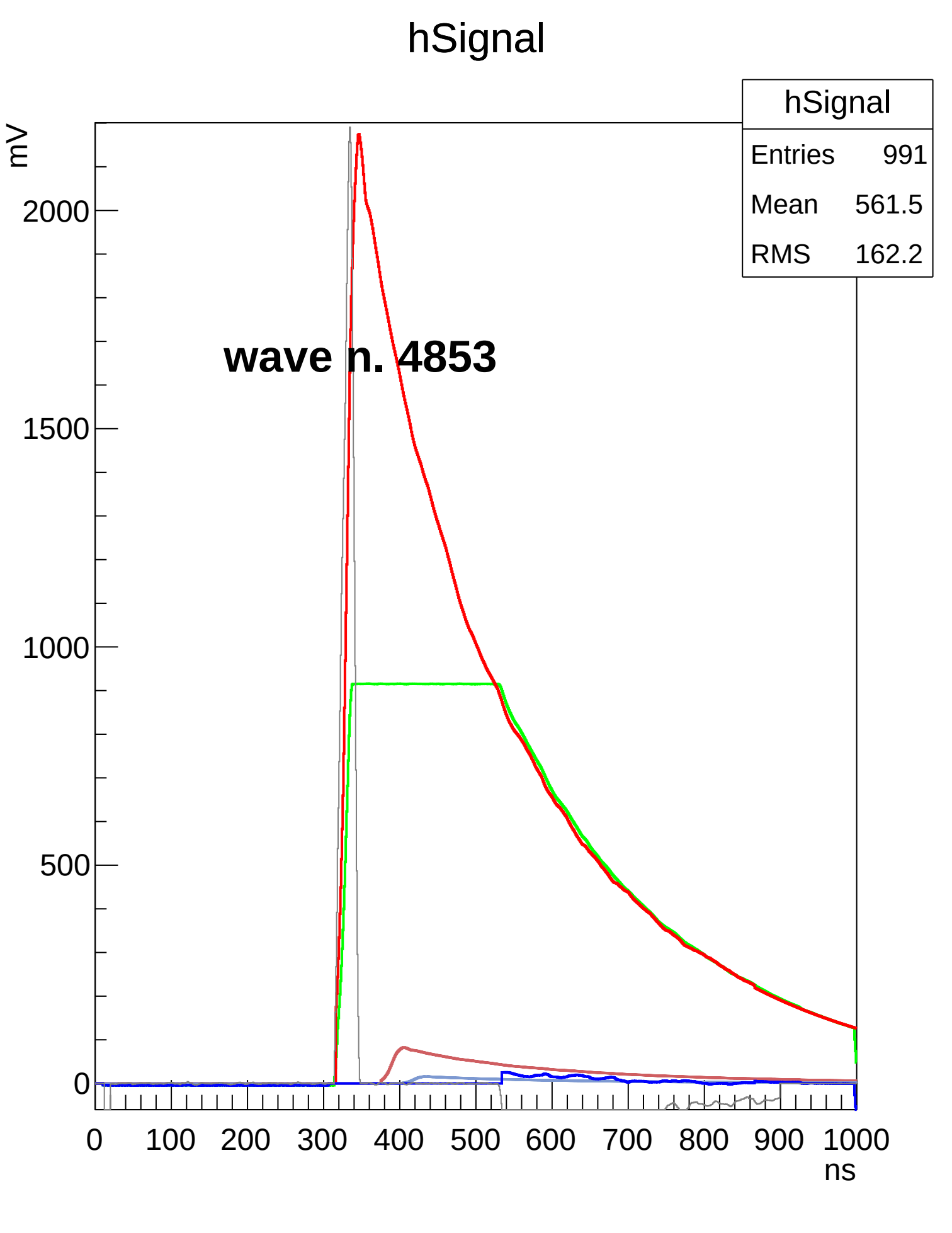
1000
ns


hSignal
hSignal
Entries 991
Mean 561.5
RMS 162.2
wave n. 4853
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1000
500
0
0
100
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800
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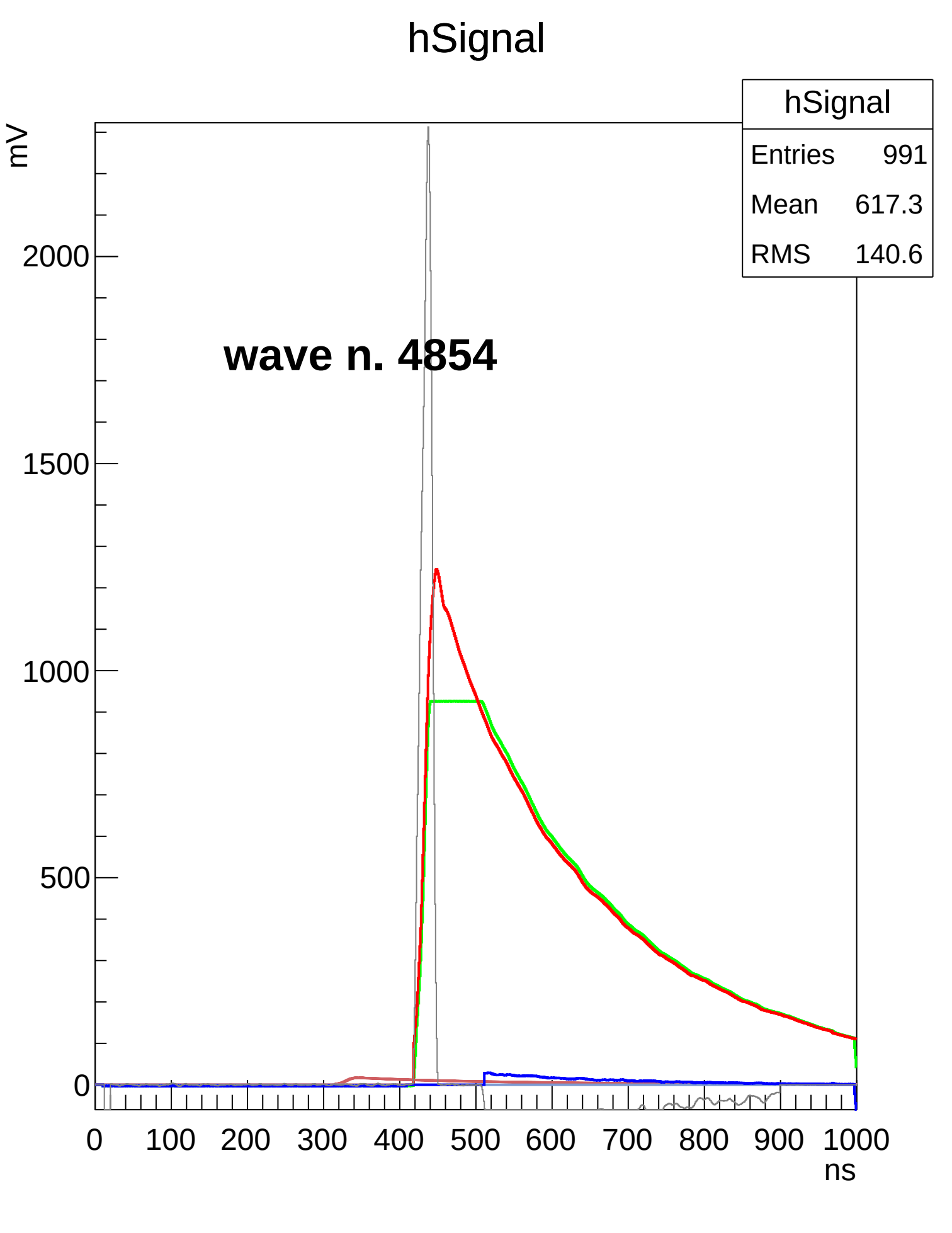
1000
ns


hSignal
hSignal
Entries 991
Mean 617.3
RMS 140.6
wave n. 4854
mV
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1500
1000
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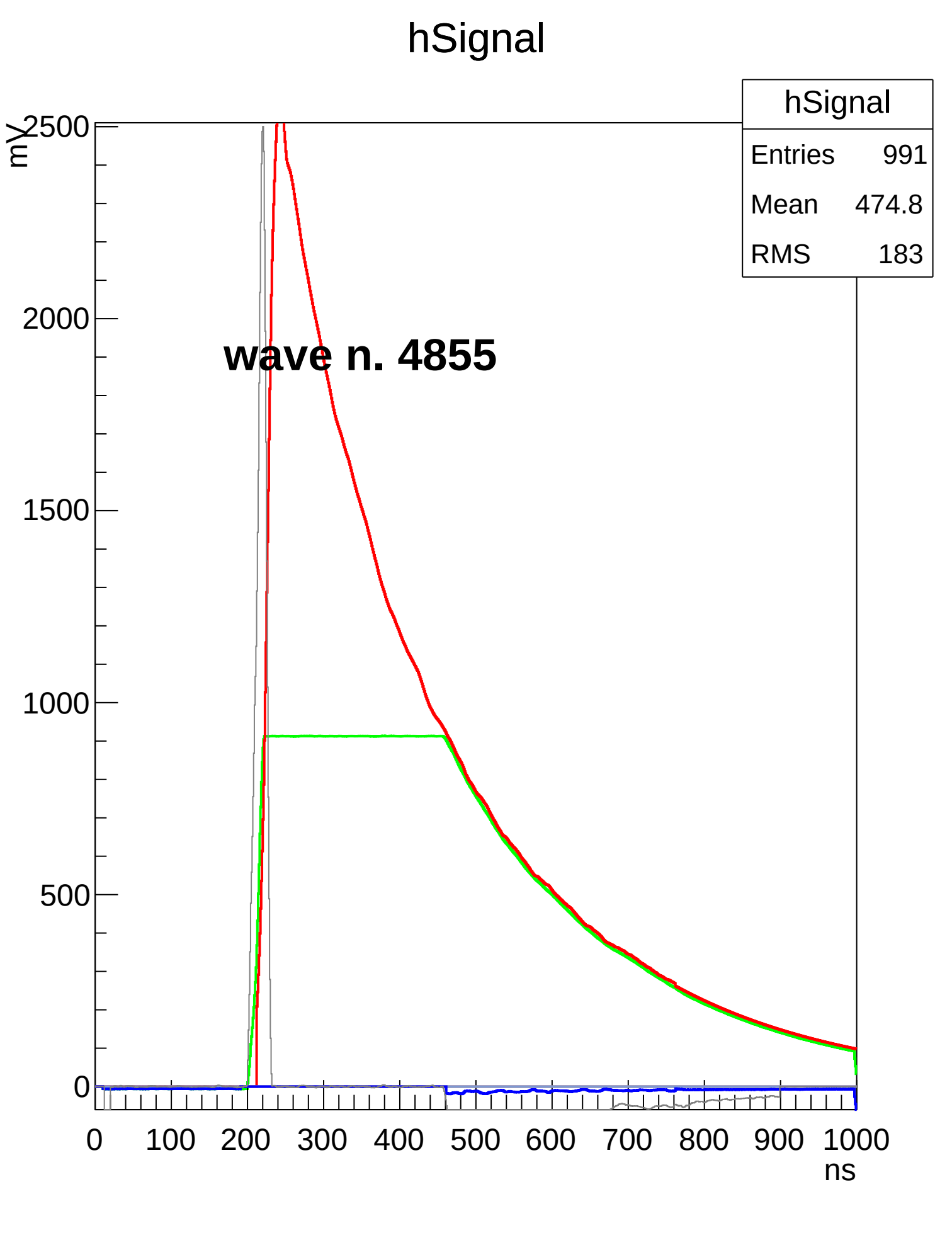
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 474.8
RMS 183
wave n. 4855
mV
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1000
500
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400
500
600
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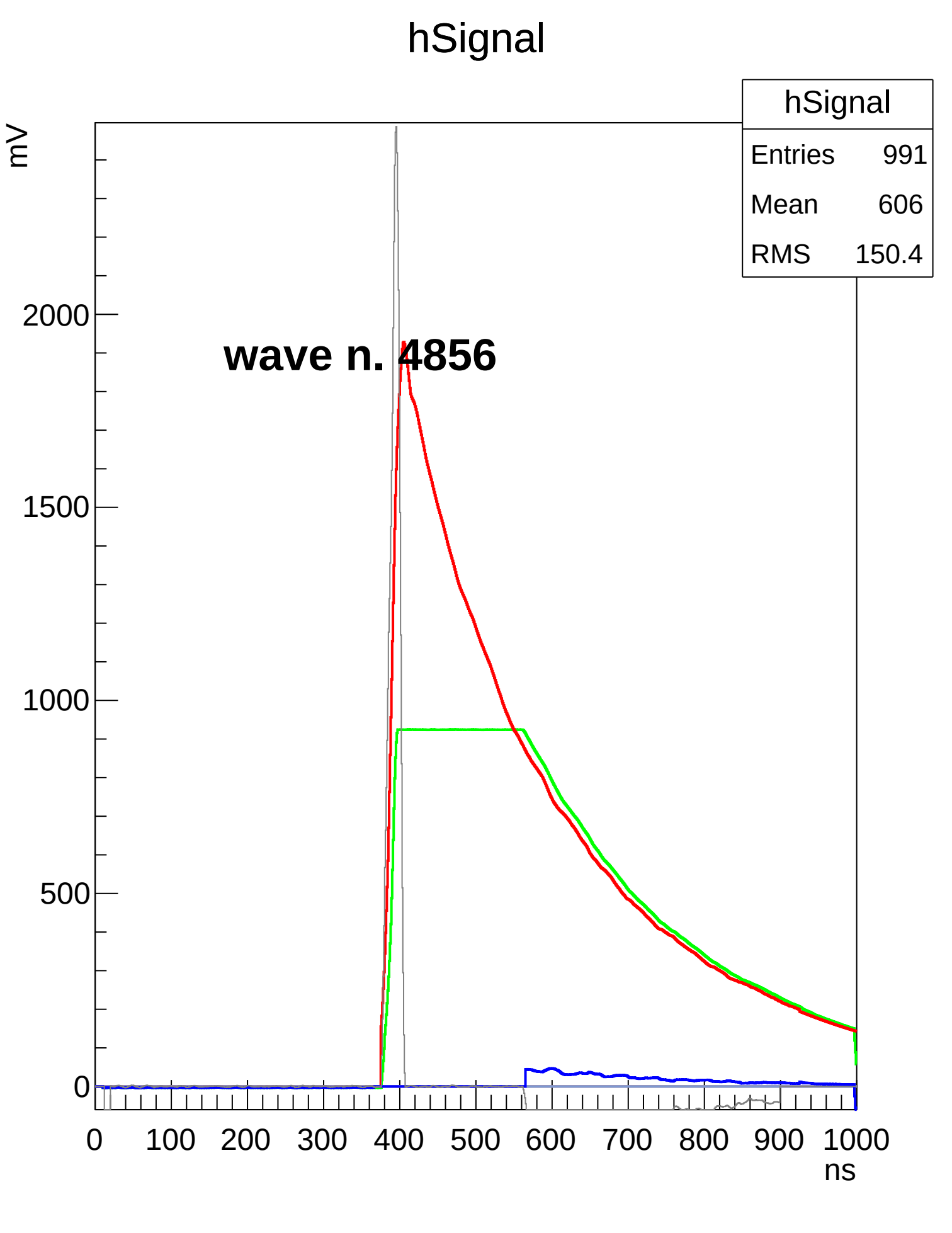
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 606
RMS 150.4
wave n. 4856
mV
2000
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1000
500
0
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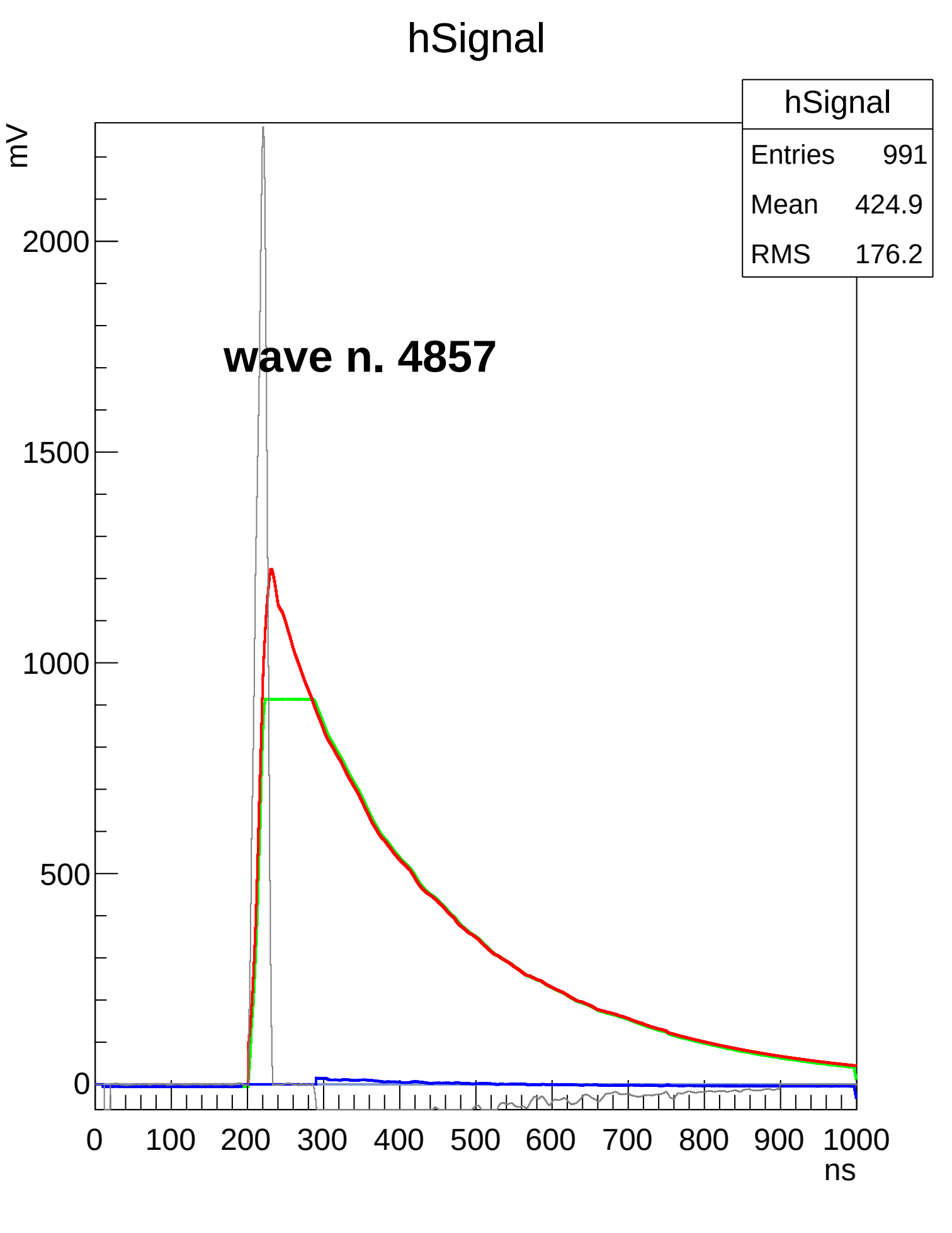
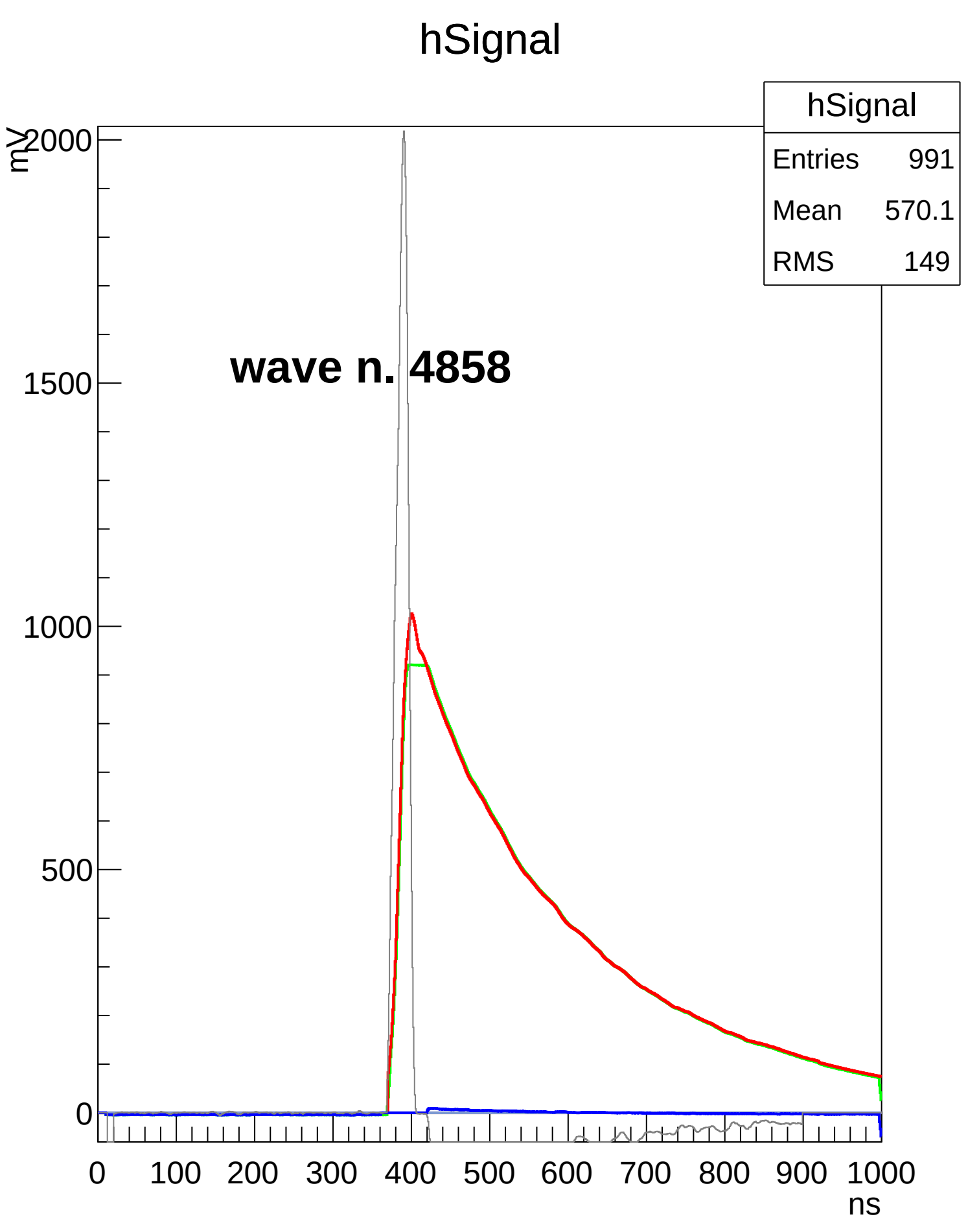
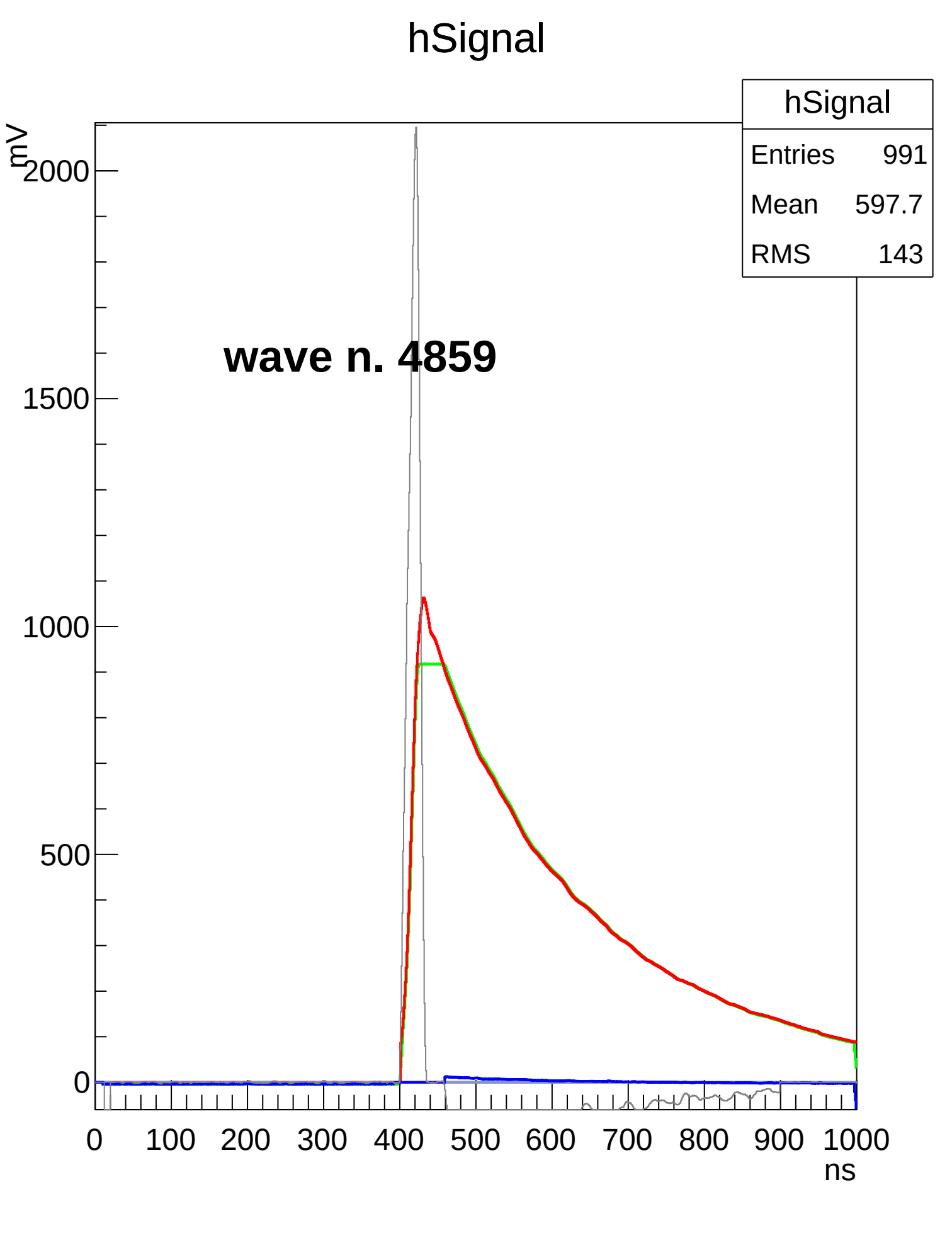
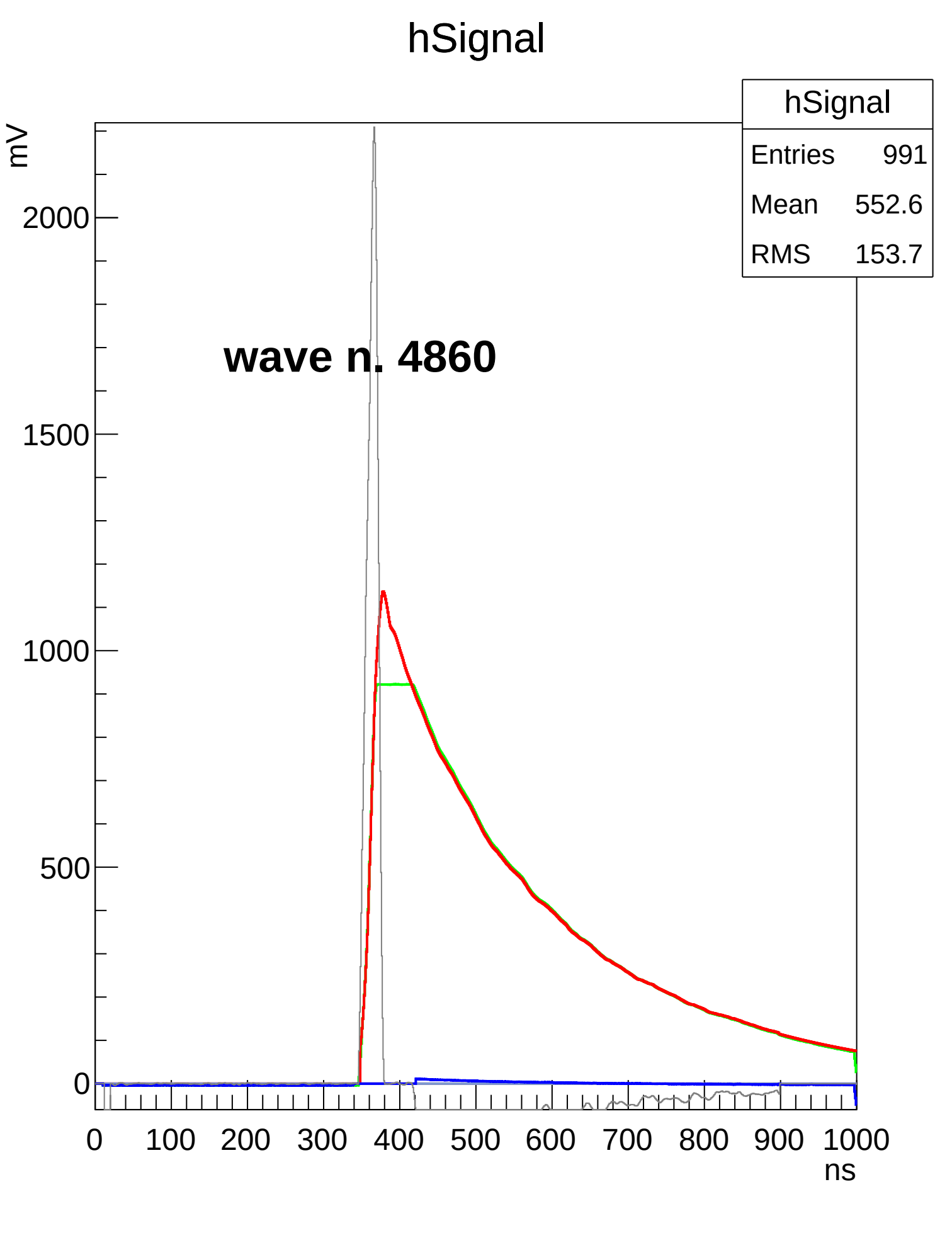
ns


hSignal
hSignal
Entries 991
Mean 424.9
RMS 176.2
wave n. 4857
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.1
RMS 149
wave n. 4858
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597.7
RMS 143
wave n. 4859
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 552.6
RMS 153.7
wave n. 4860
mV
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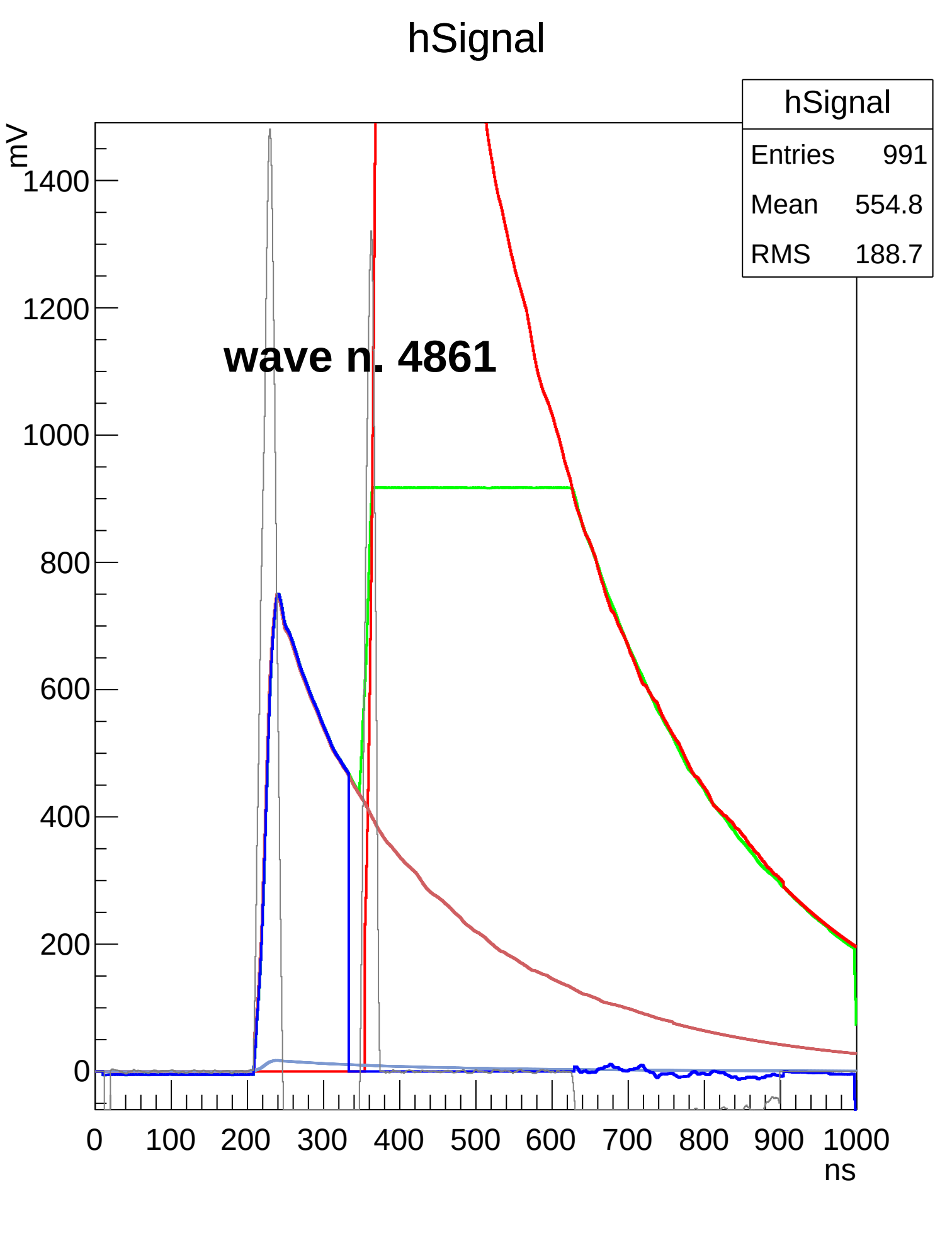
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 554.8
RMS 188.7
wave n. 4861
mV
1400
1200
1000
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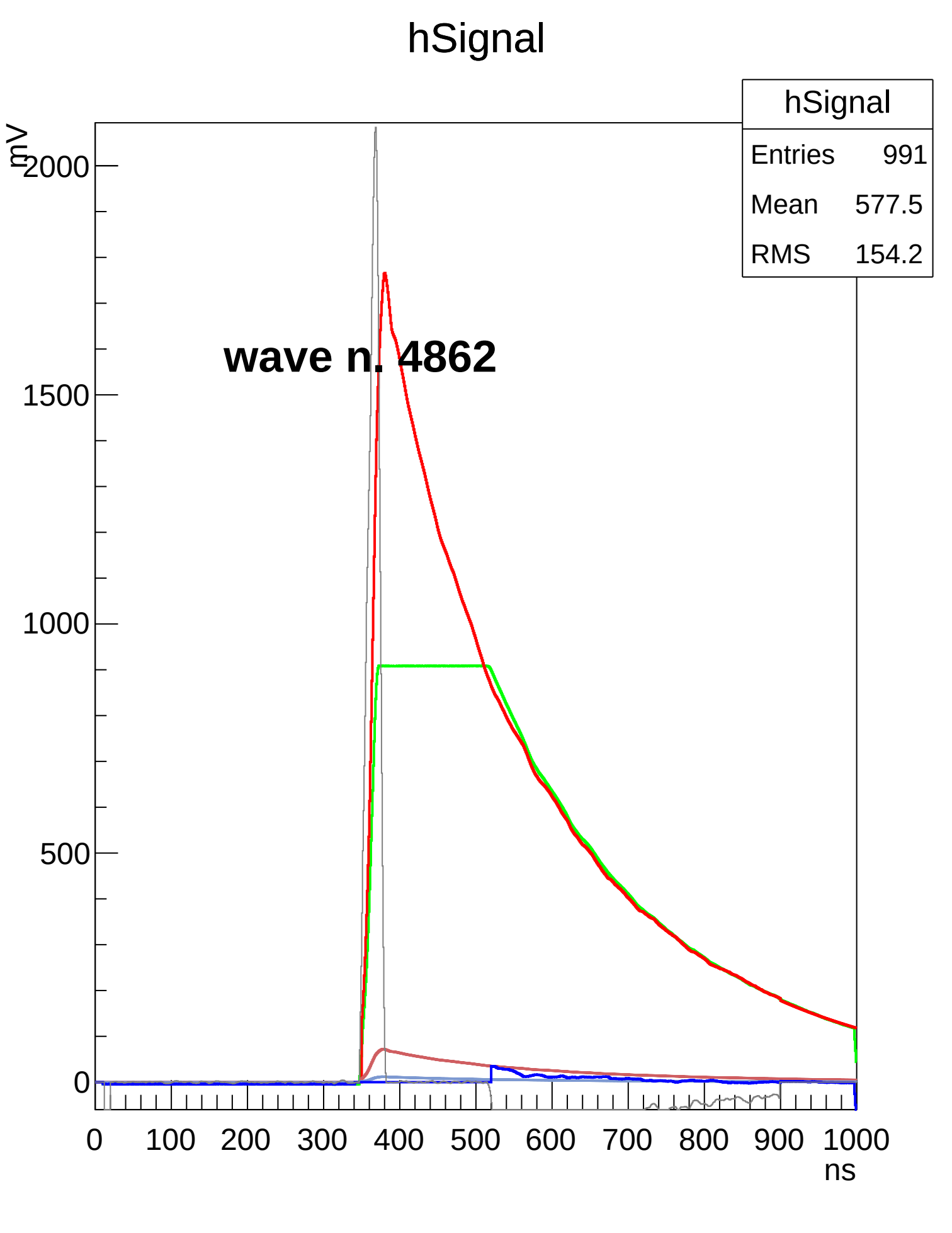
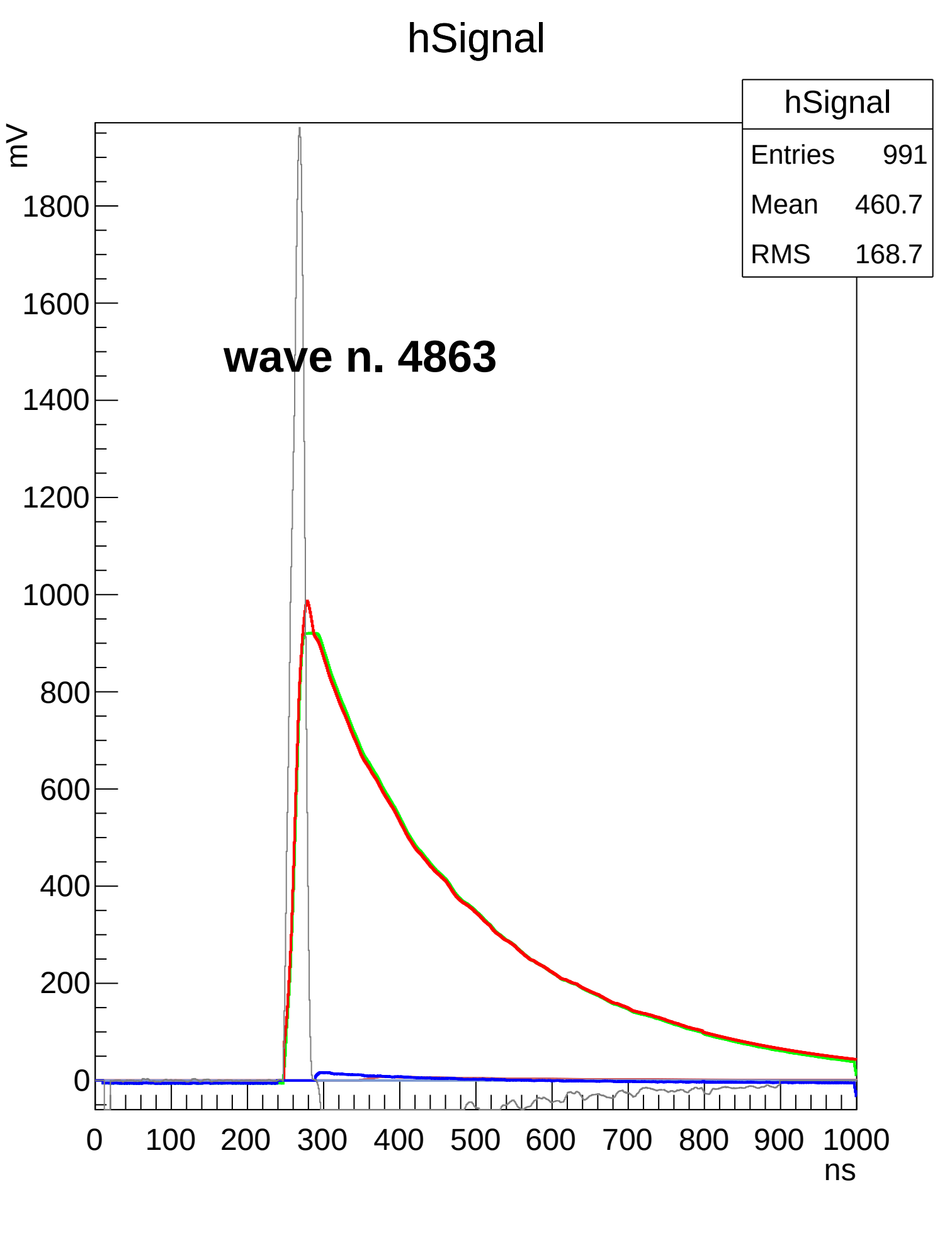
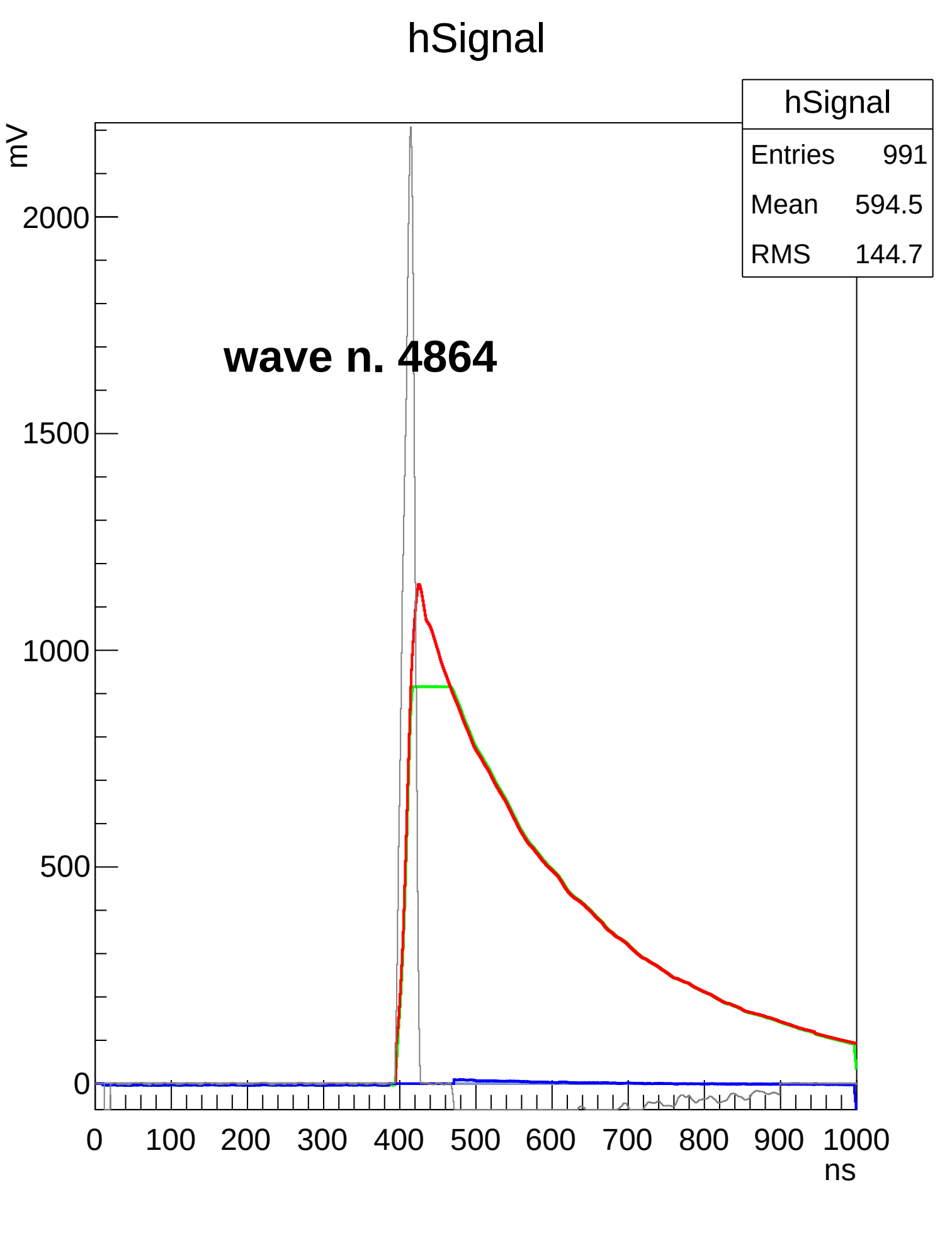
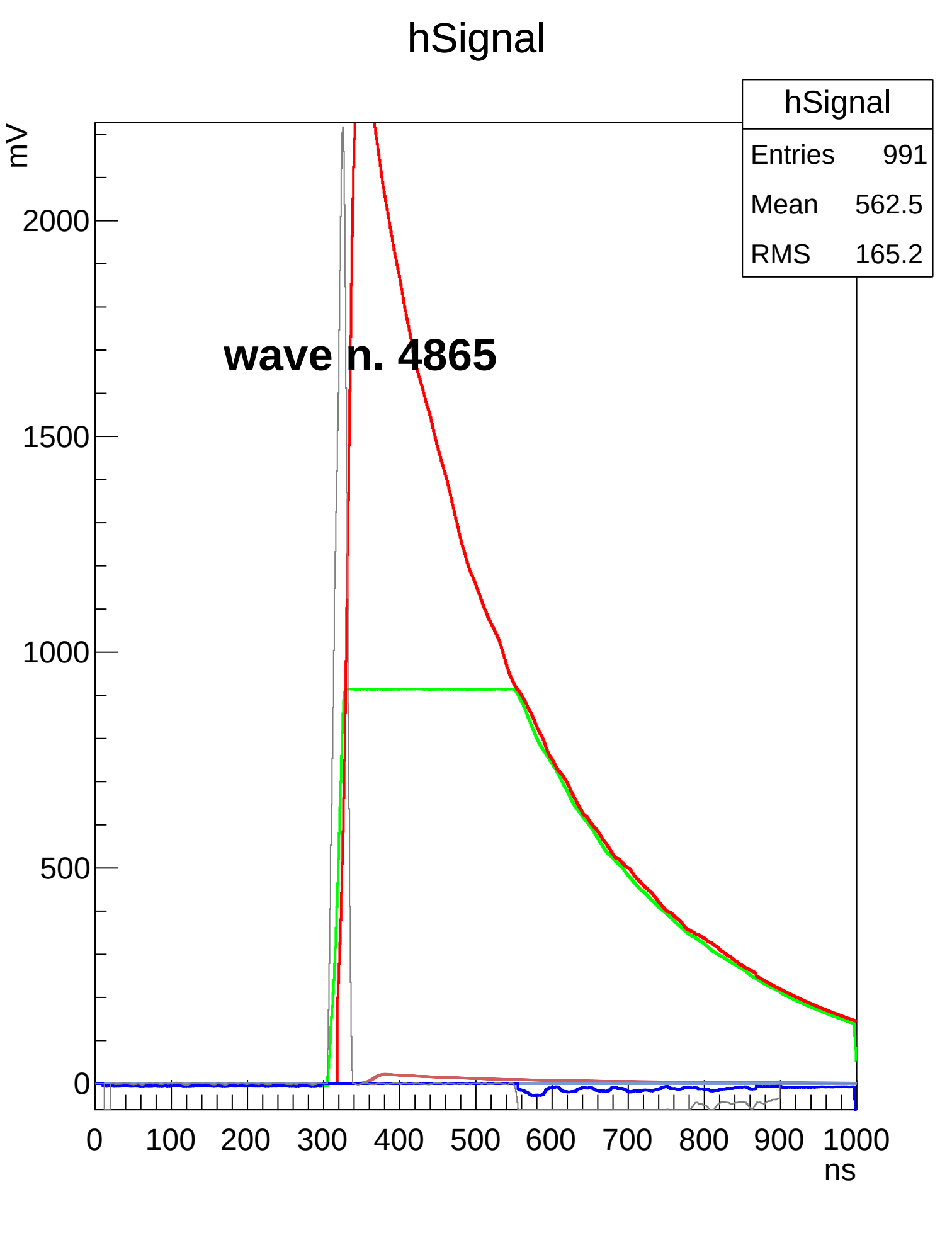
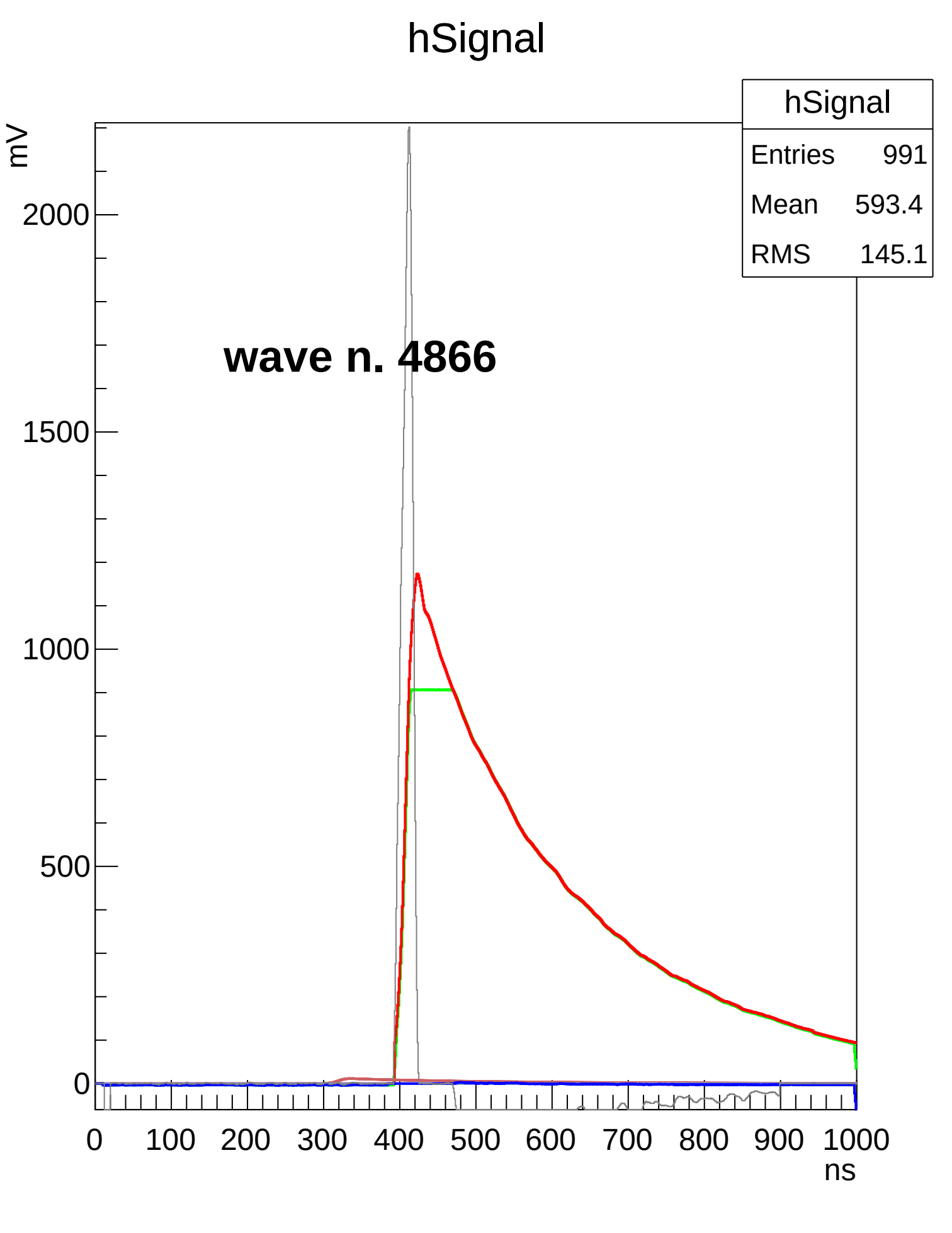
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

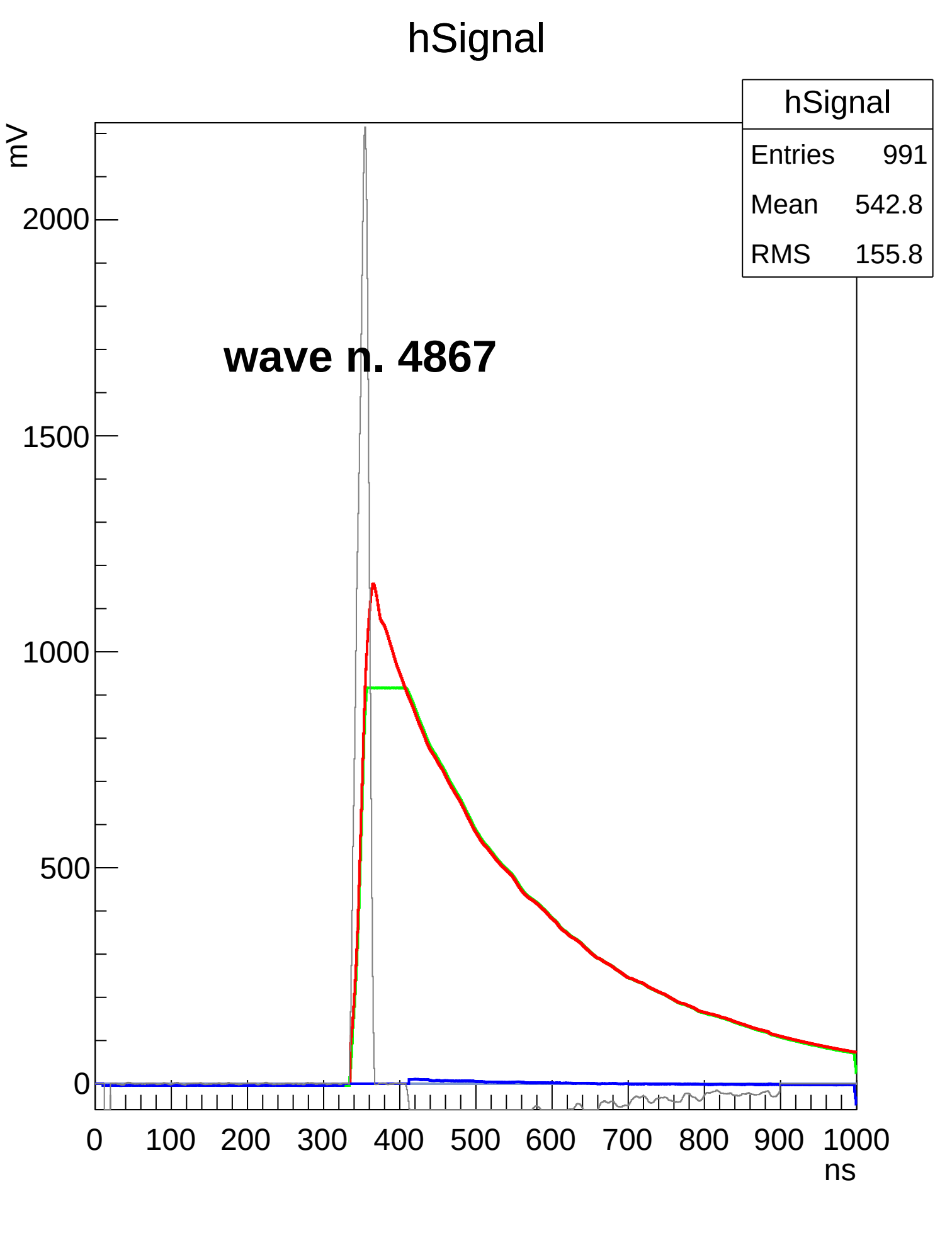

hSignal
hSignal
Entries 991
Mean 577.5
RMS 154.2
wave n. 4862
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 460.7
RMS 168.7
wave n. 4863
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 594.5
RMS 144.7
wave n. 4864
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 562.5
RMS 165.2
wave n. 4865
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 593.4
RMS 145.1
wave n. 4866
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.8
RMS 155.8
wave n. 4867
mV
2000
1500
1000
500
0
0
100
200
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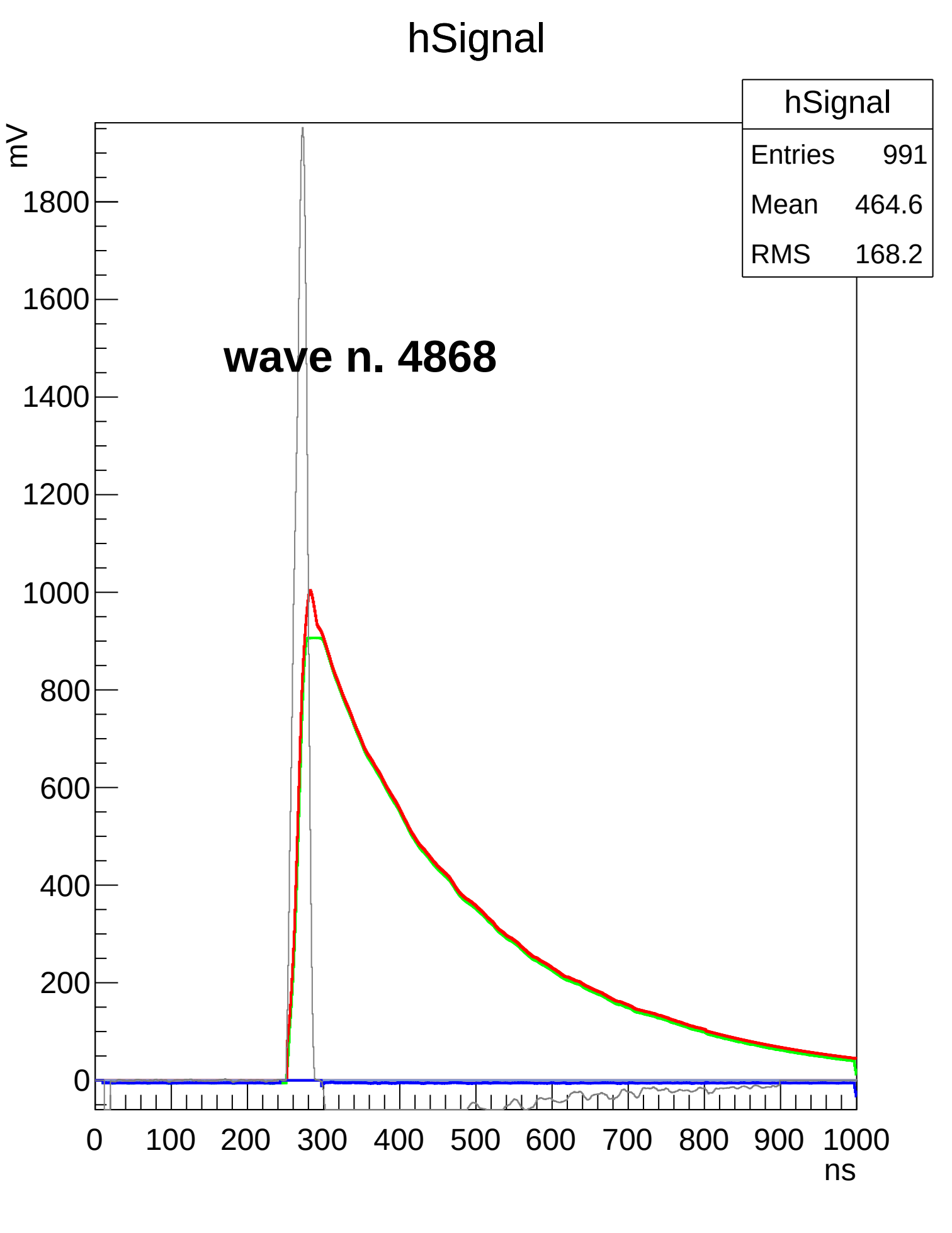
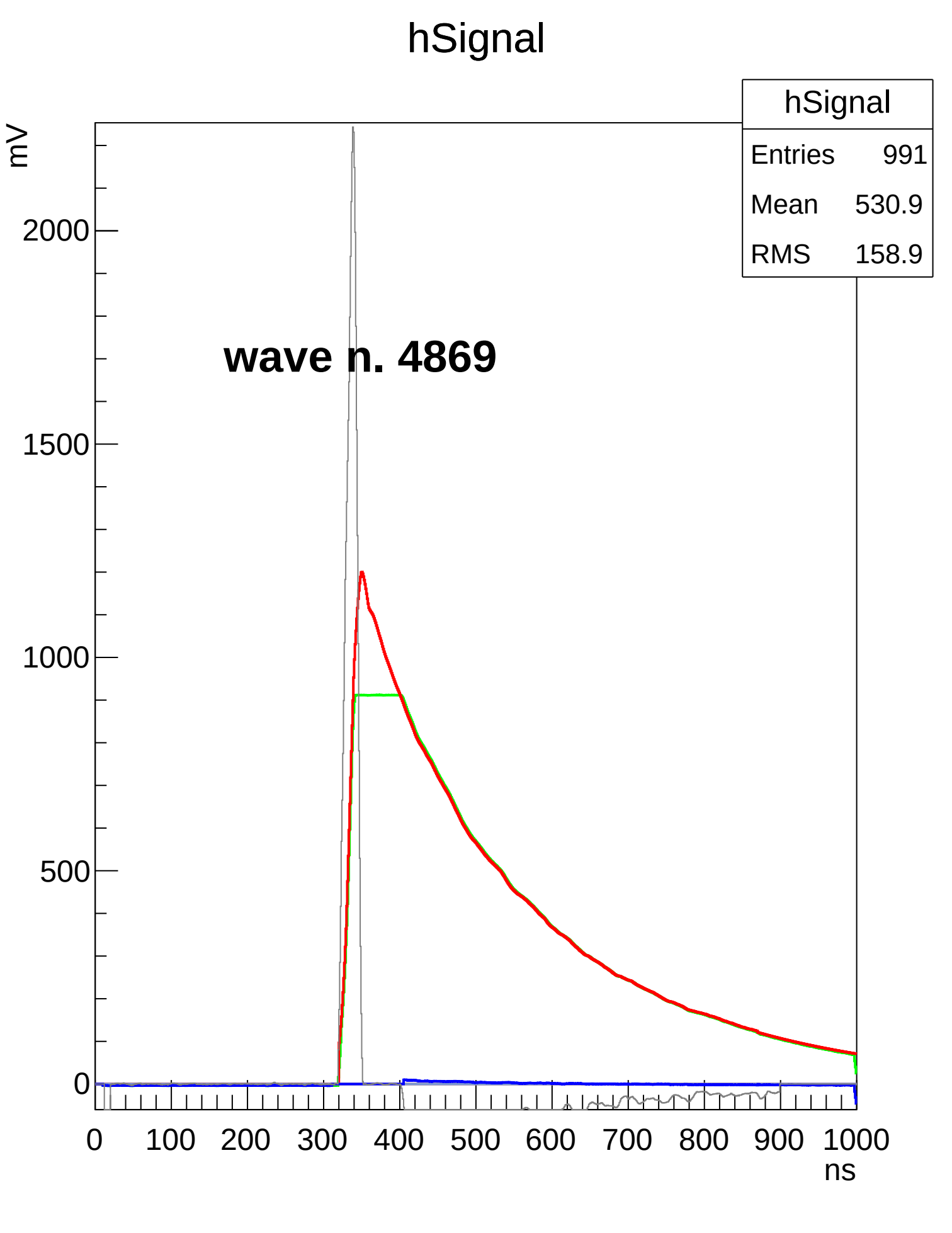
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 464.6
RMS 168.2
wave n. 4868
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.9
RMS 158.9
wave n. 4869
mV
2000
1500
1000
500
0
0
100
200
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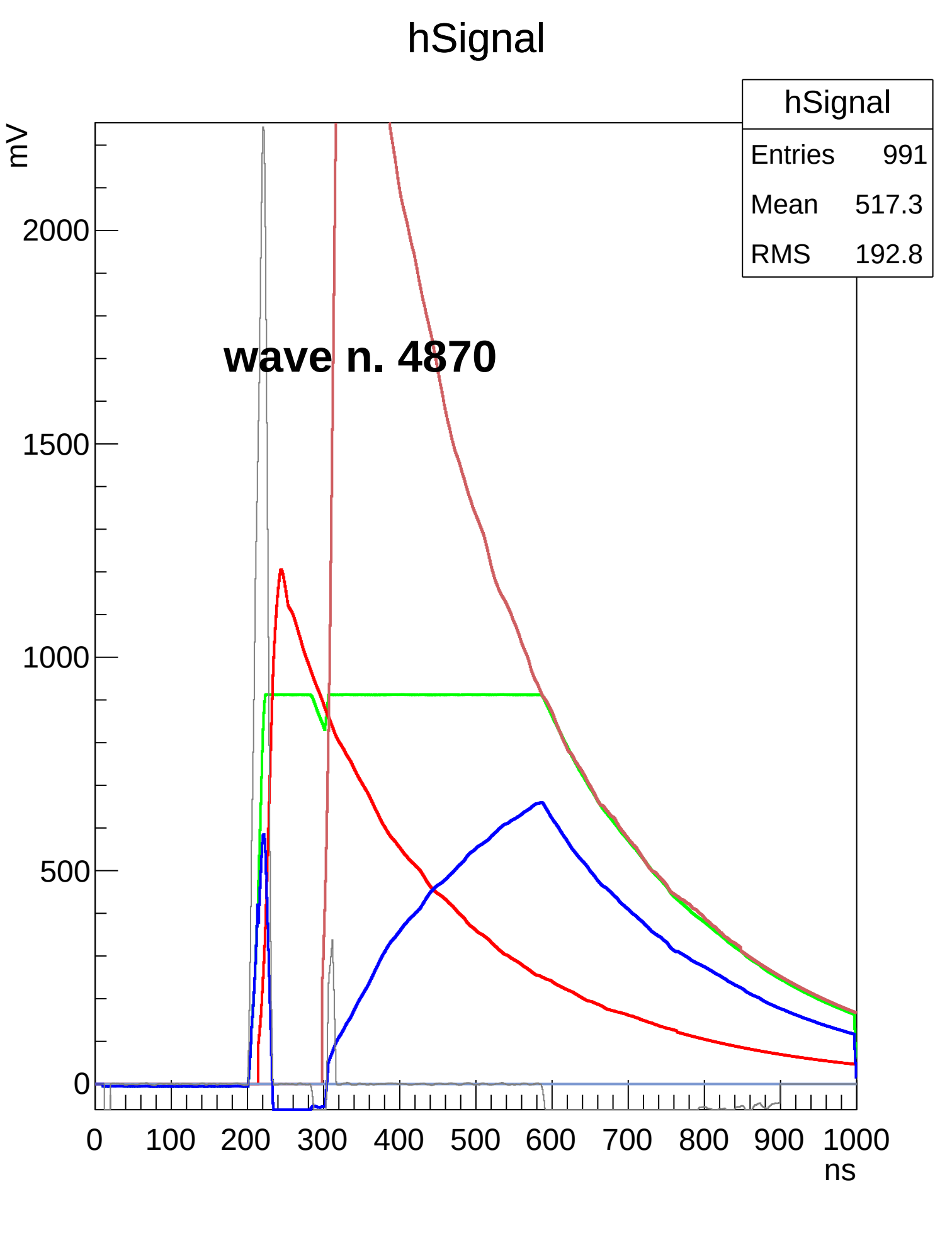
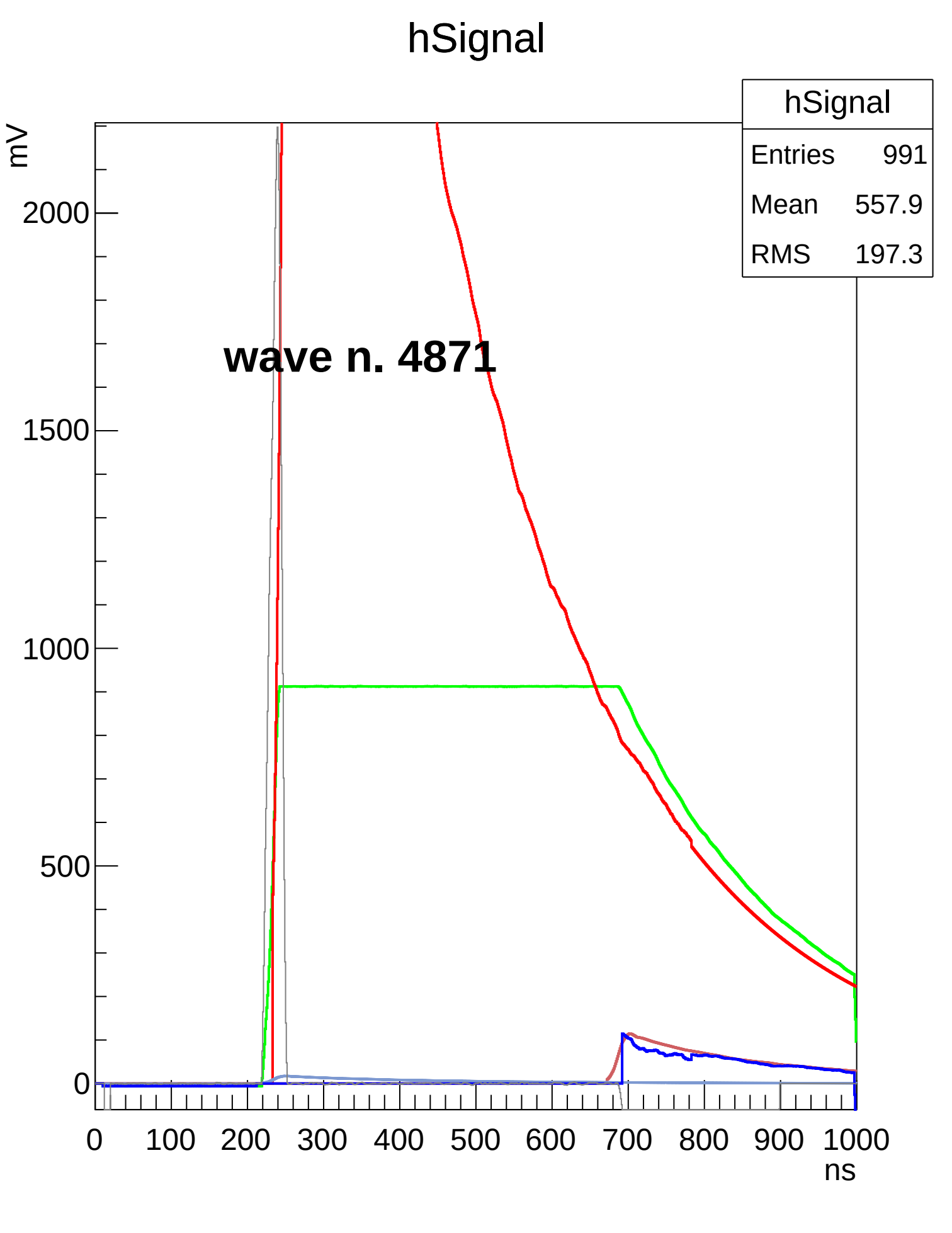
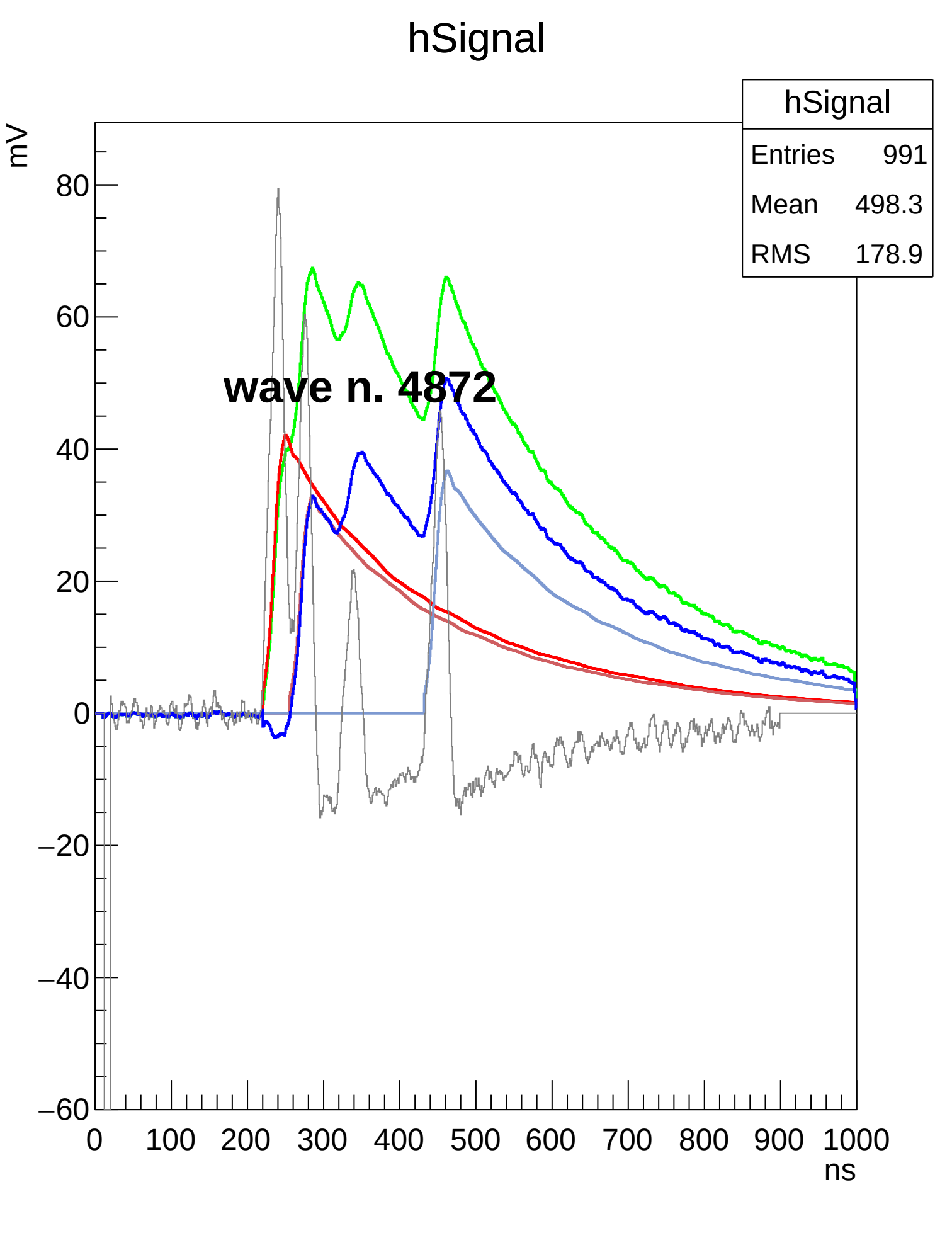
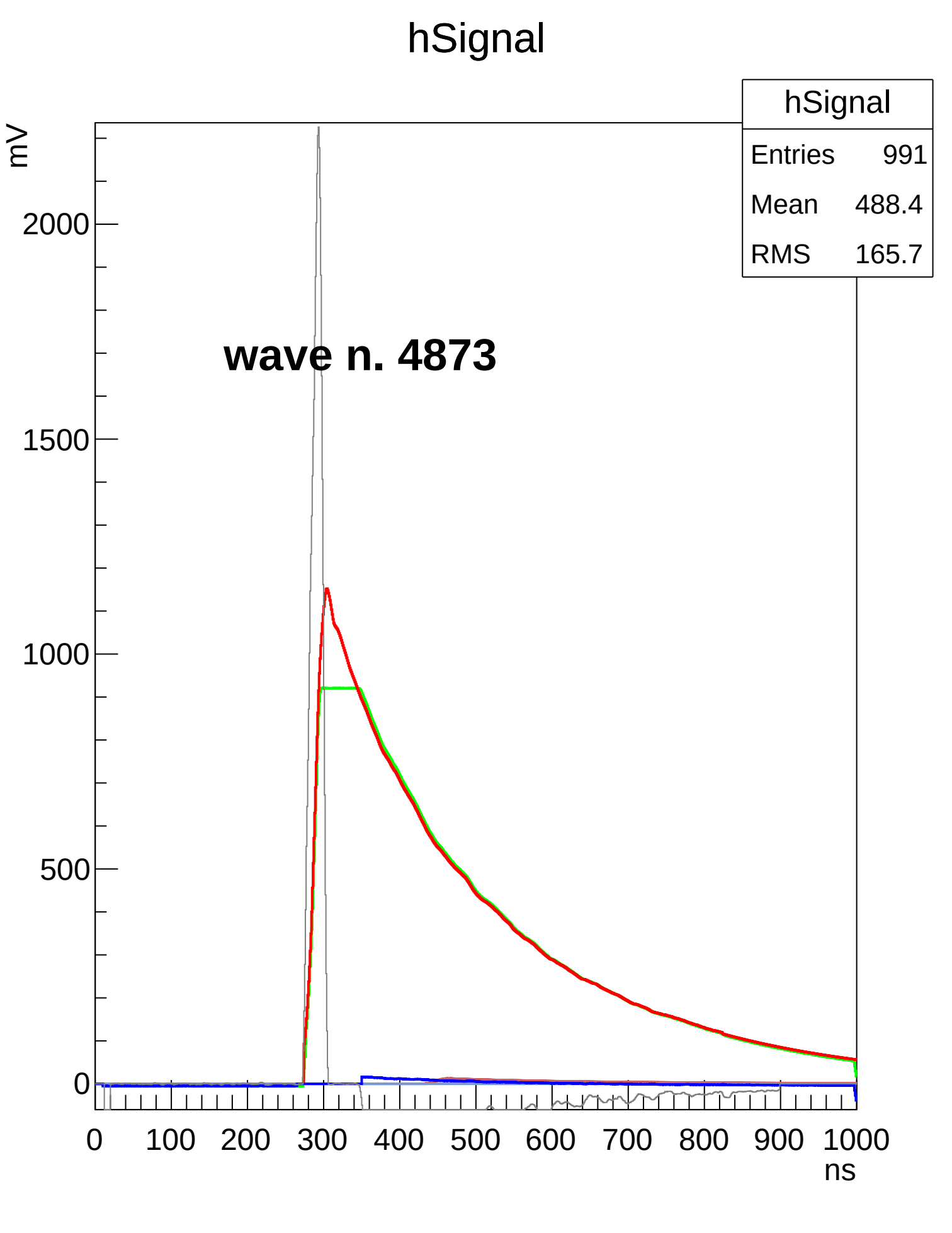
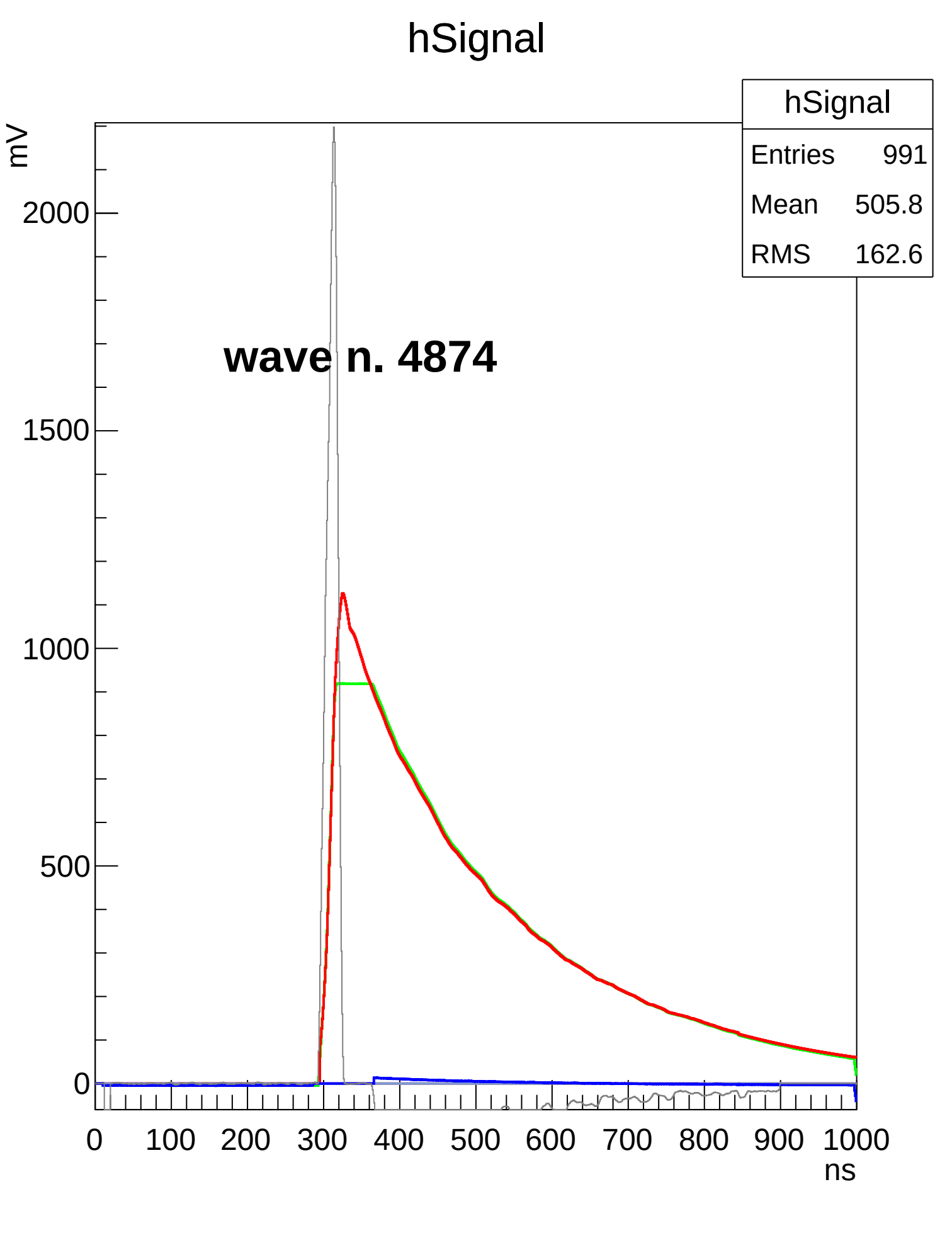
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 517.3
RMS 192.8
wave n. 4870
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 557.9
RMS 197.3
wave n. 4871
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 498.3
RMS 178.9
wave n. 4872
mV
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 488.4
RMS 165.7
wave n. 4873
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.8
RMS 162.6
wave n. 4874
mV
2000
1500
1000
500
0
0
100
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400
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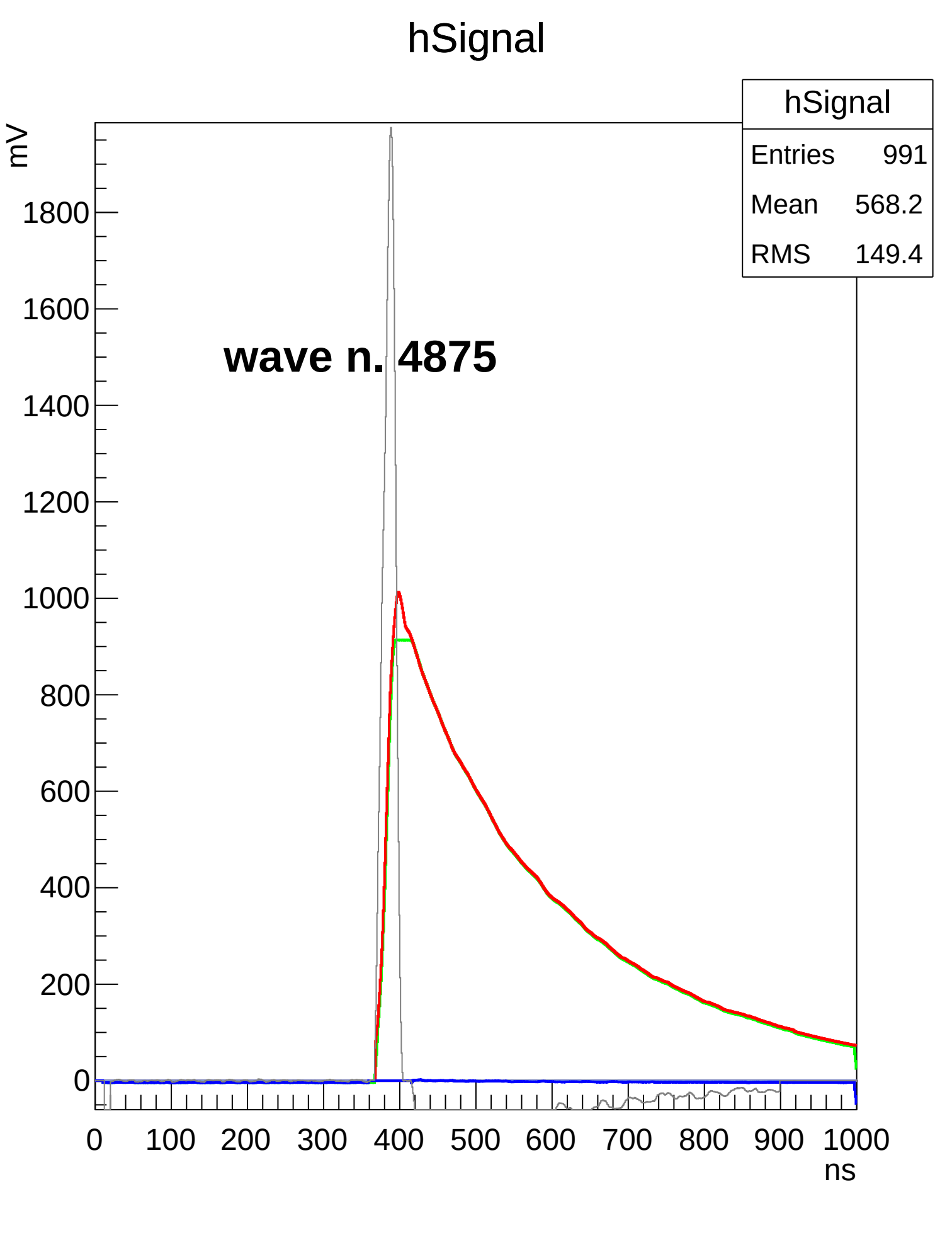
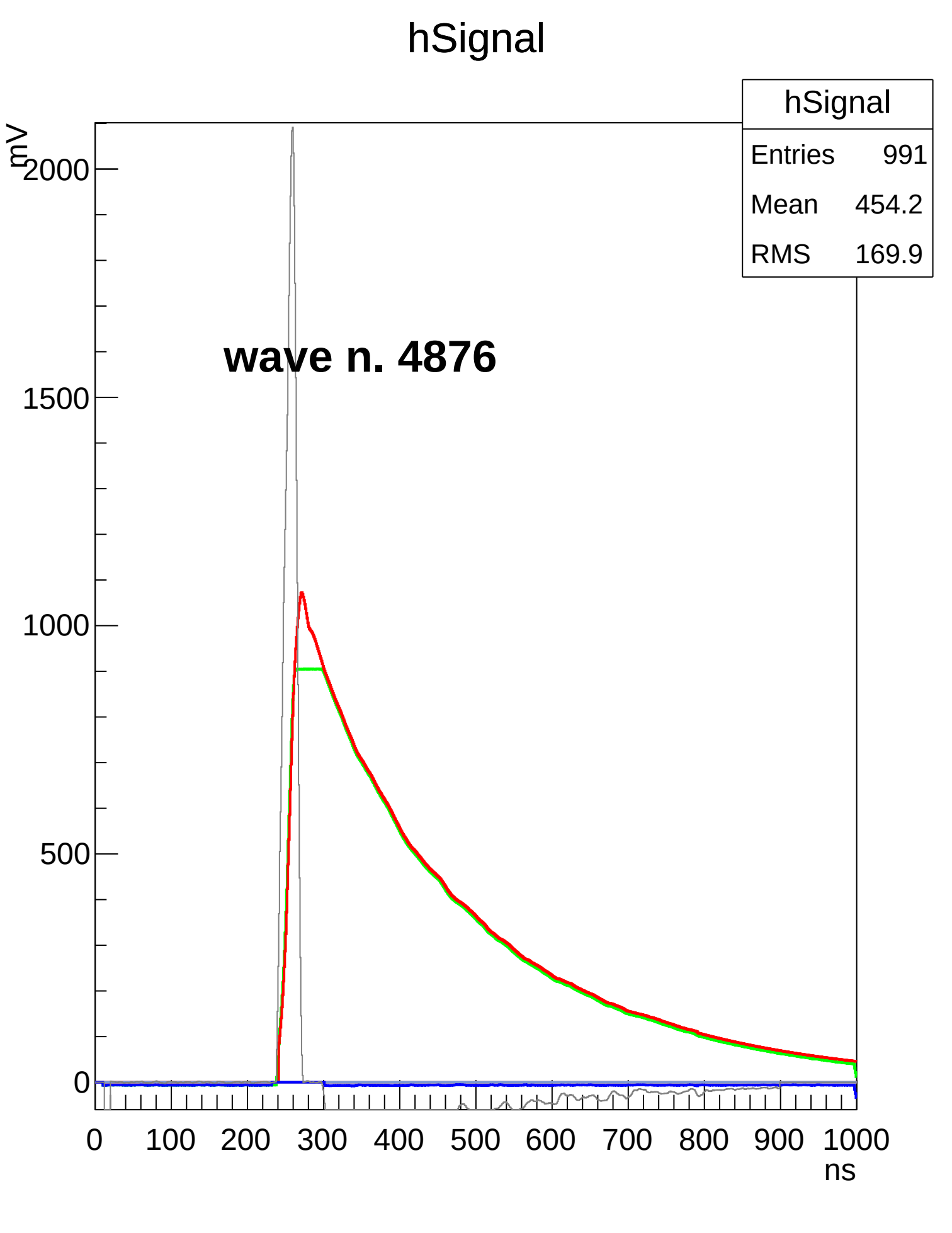
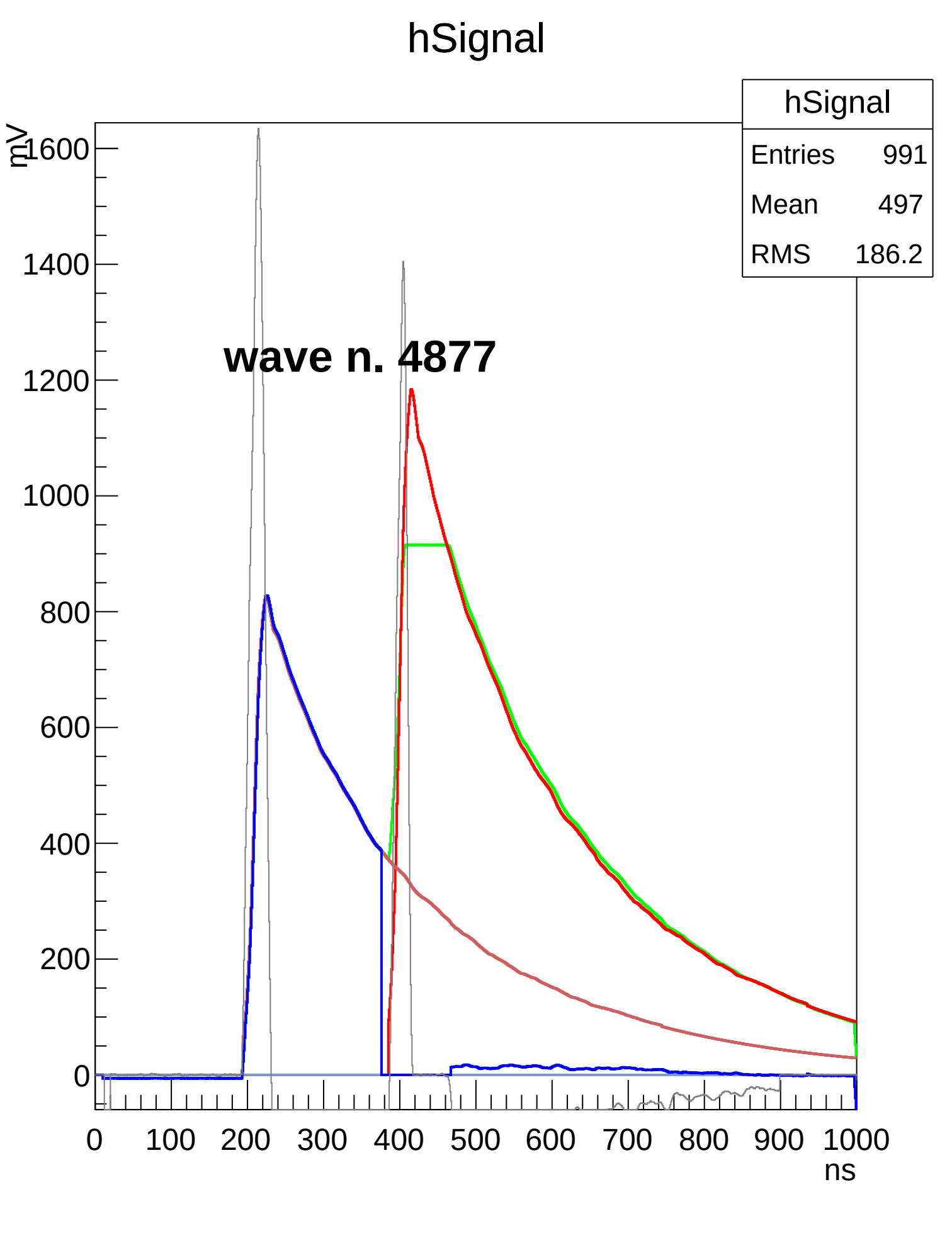
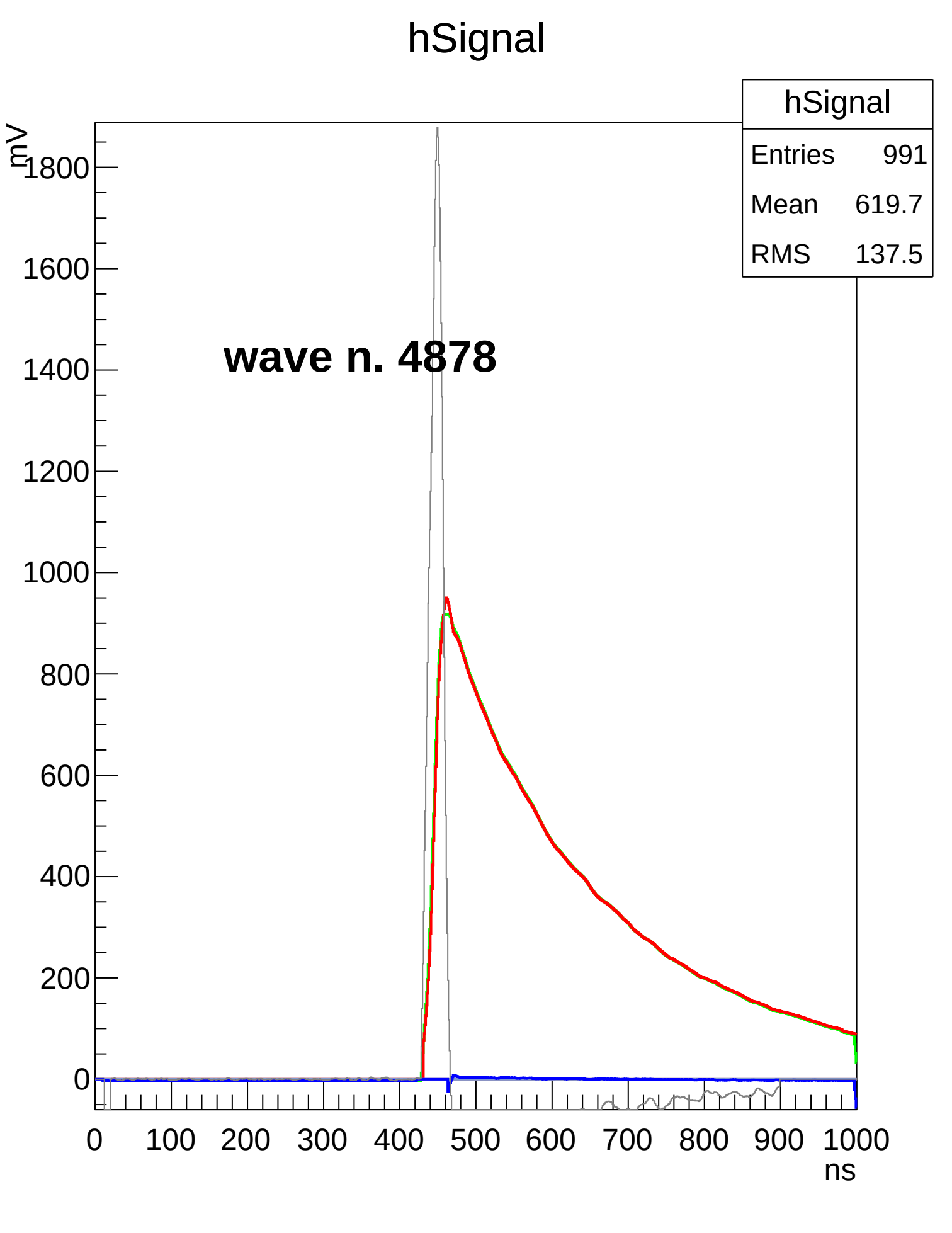
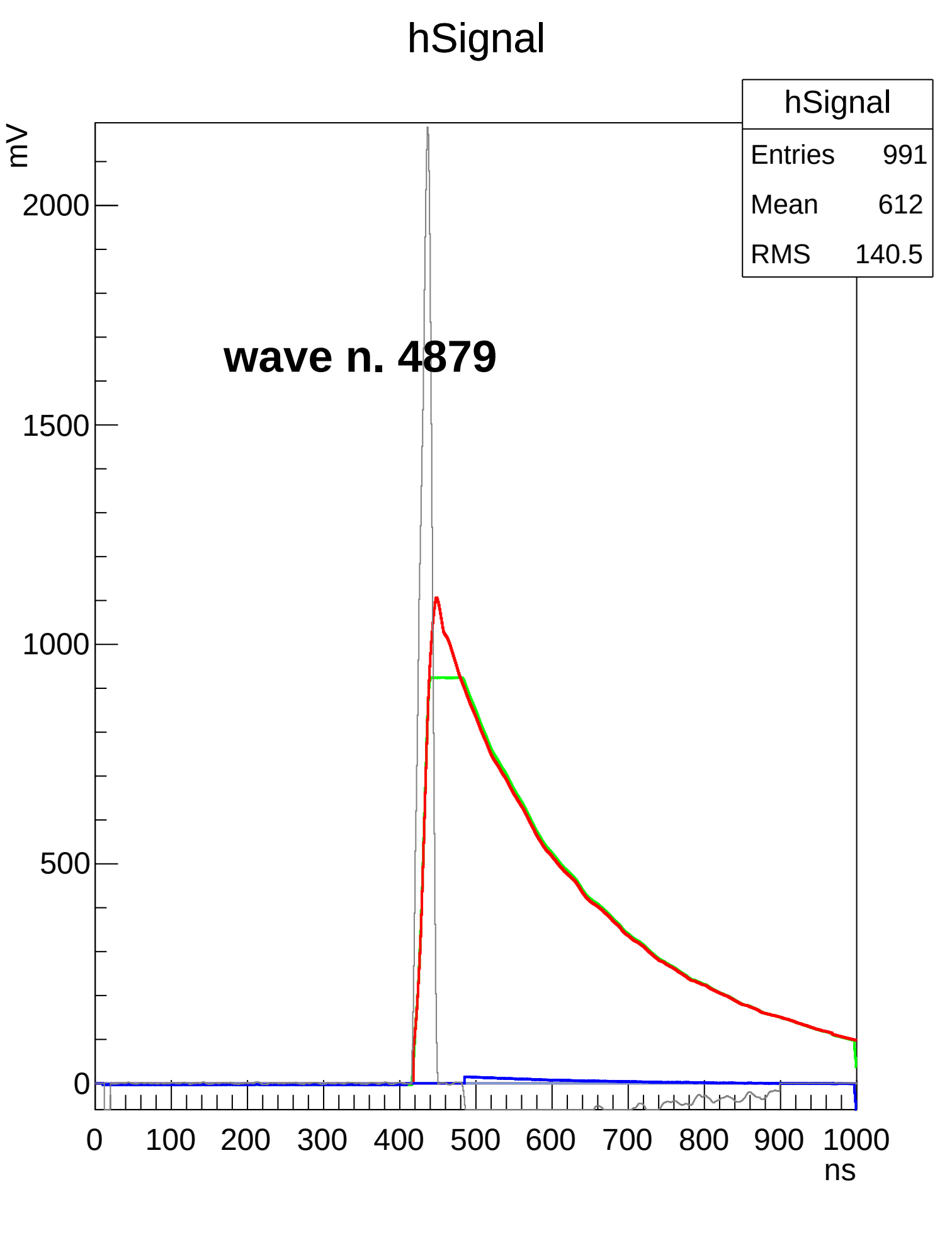
600
700
800
900
1000
ns

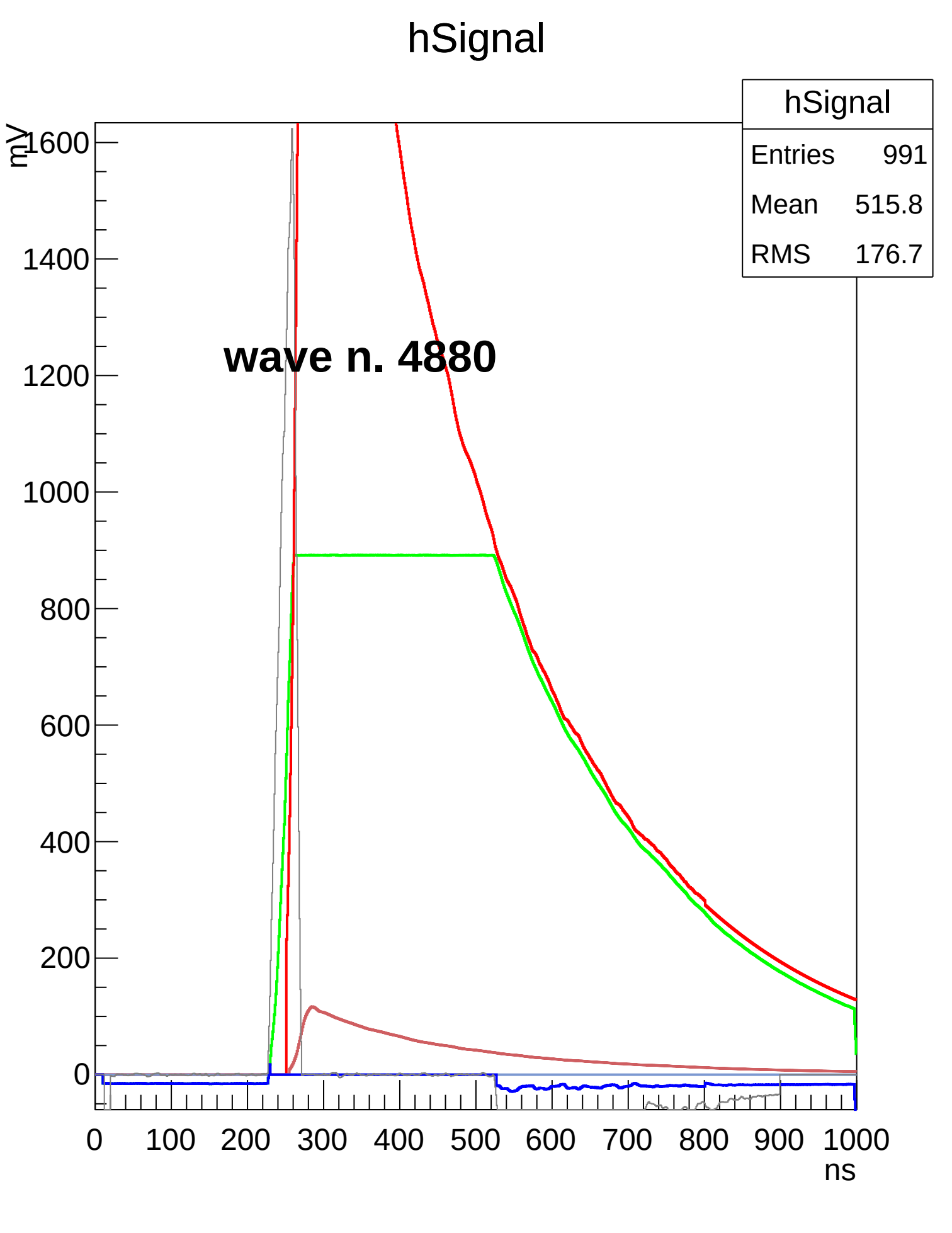

hSignal
hSignal
Entries 991
Mean 568.2
RMS 149.4
wave n. 4875
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 454.2
RMS 169.9
wave n. 4876
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 497
RMS 186.2
wave n. 4877
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 619.7
RMS 137.5
wave n. 4878
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 612
RMS 140.5
wave n. 4879
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 515.8
RMS 176.7
wave n. 4880
mV
1600
1400
1200
1000
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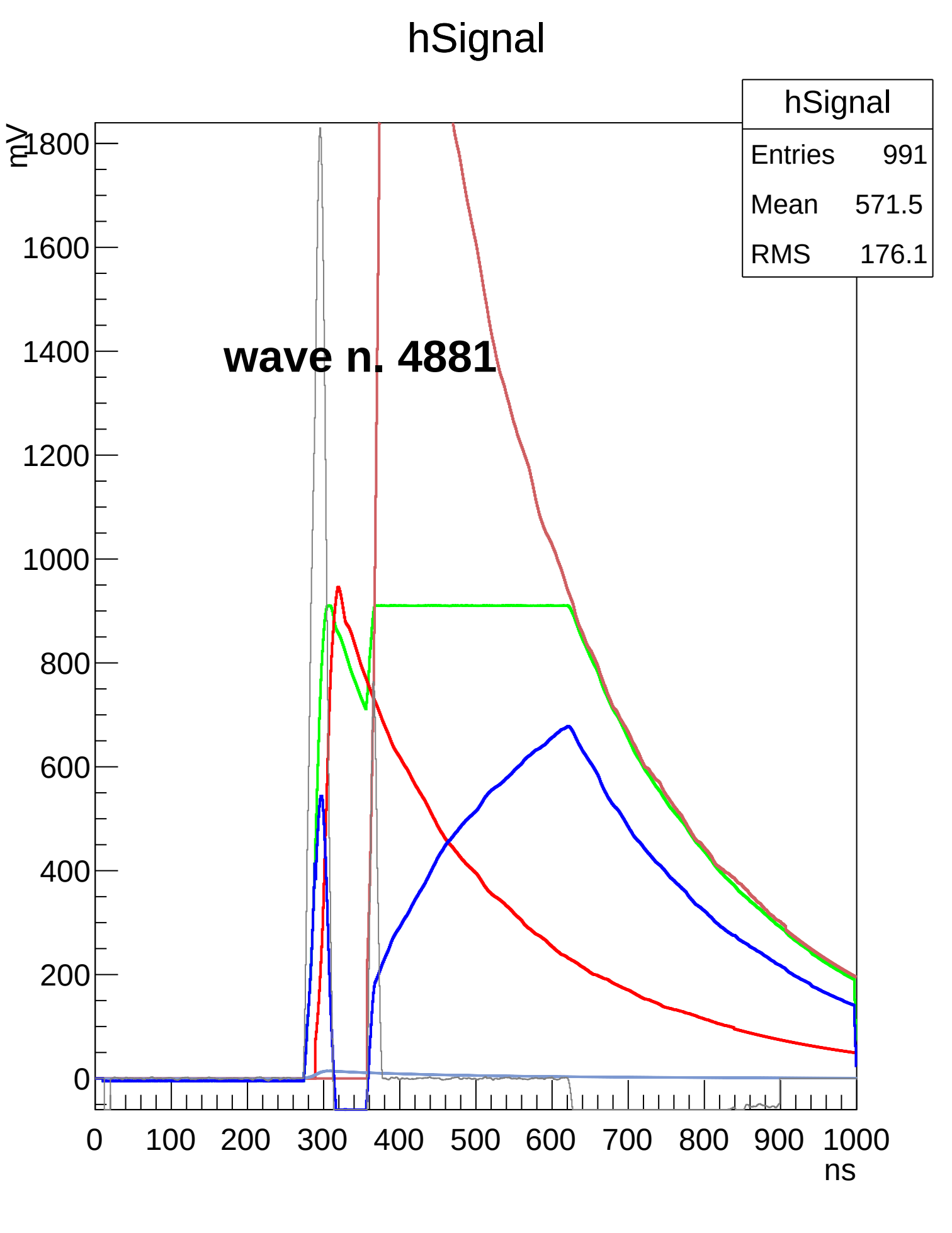
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 571.5
RMS 176.1
wave n. 4881
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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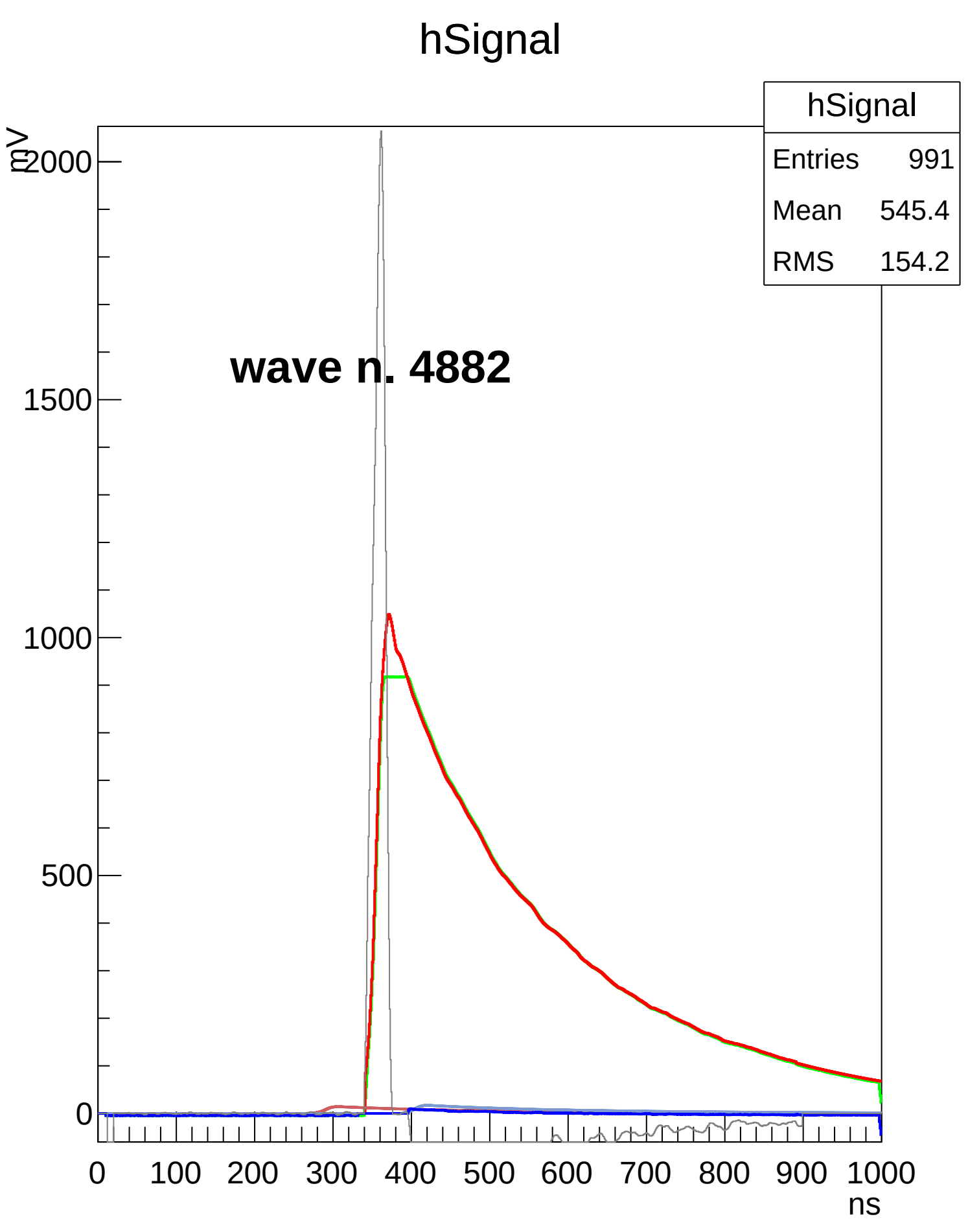
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 545.4
RMS 154.2
wave n. 4882
mV
2000
1500
1000
500
0
0
100
200
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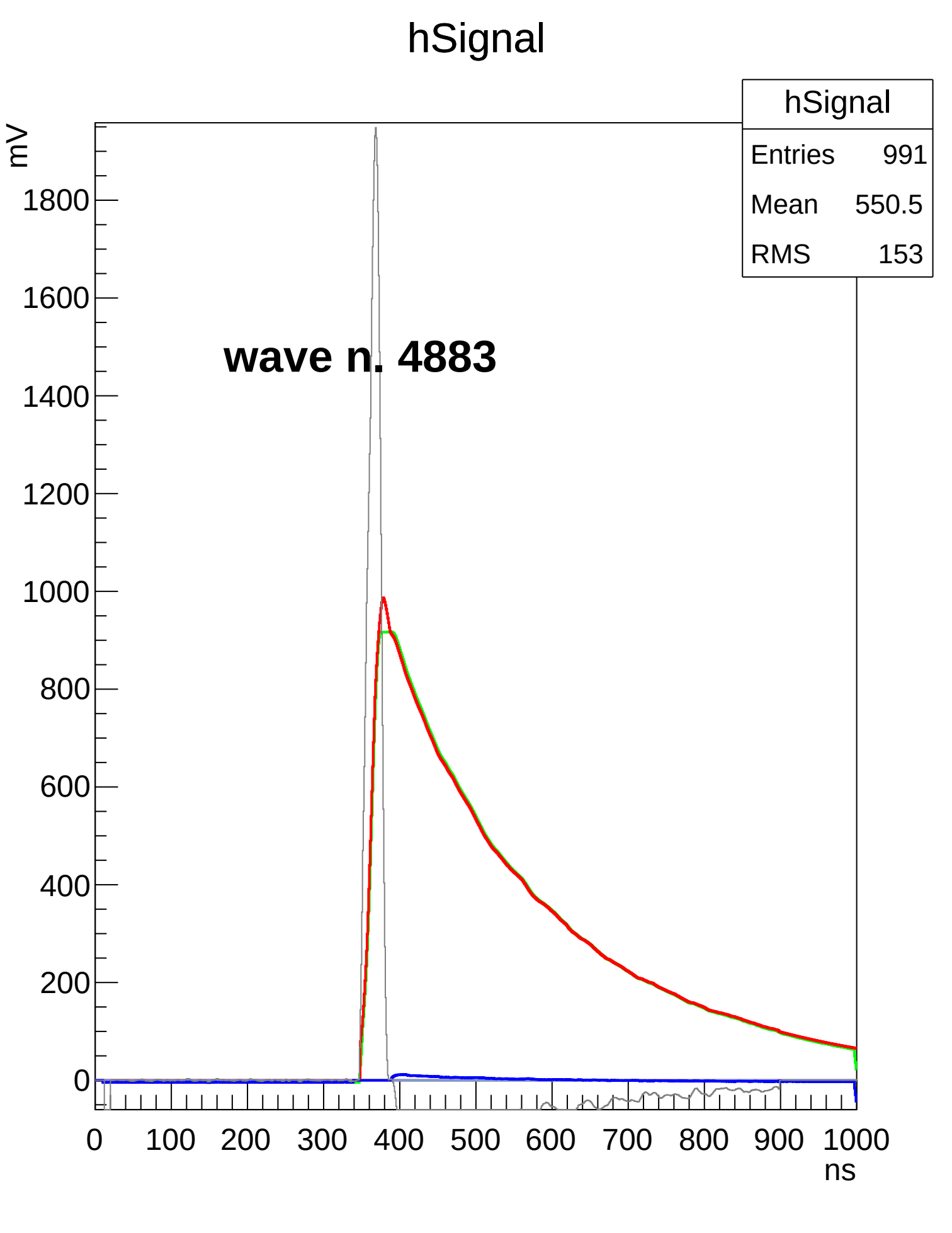
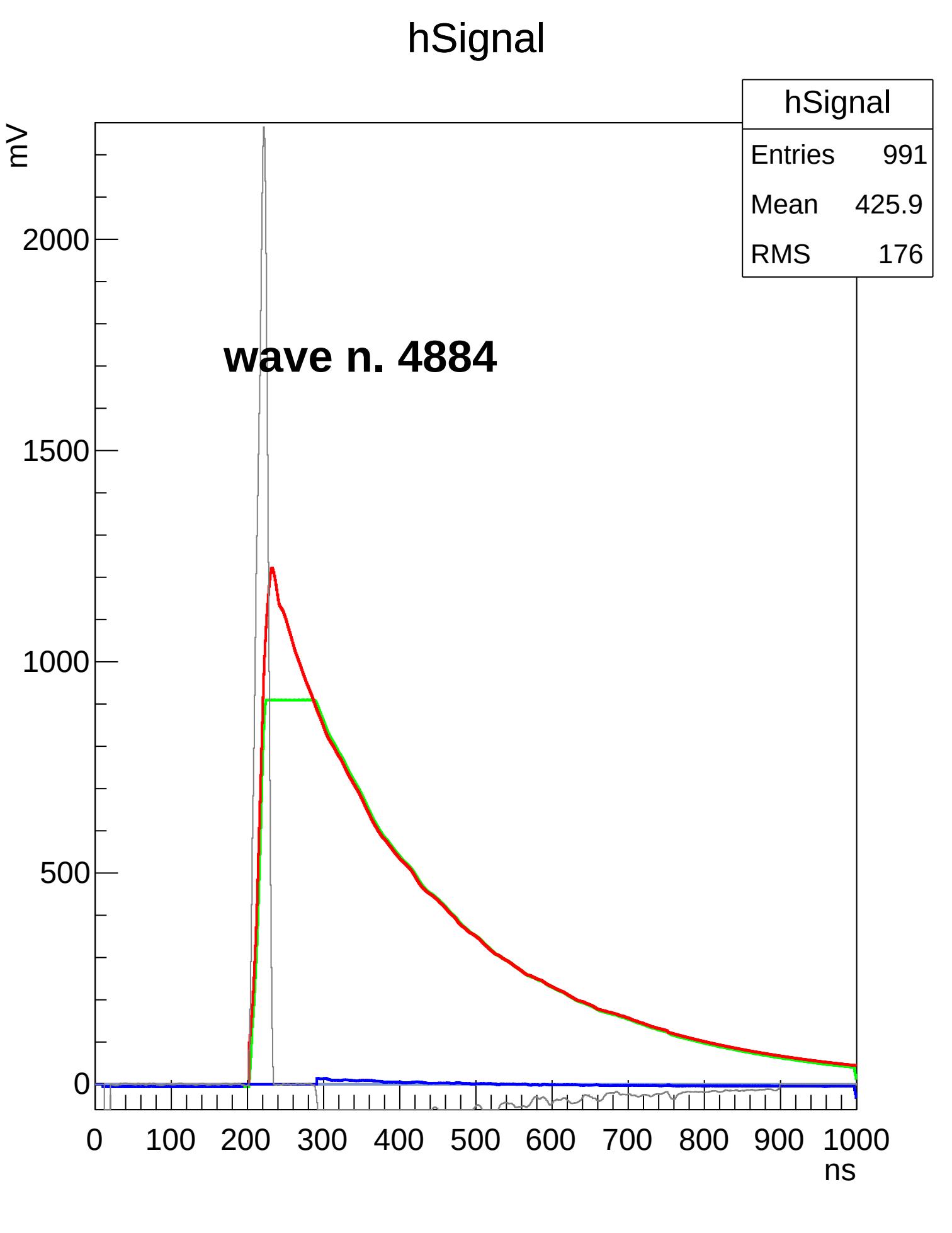
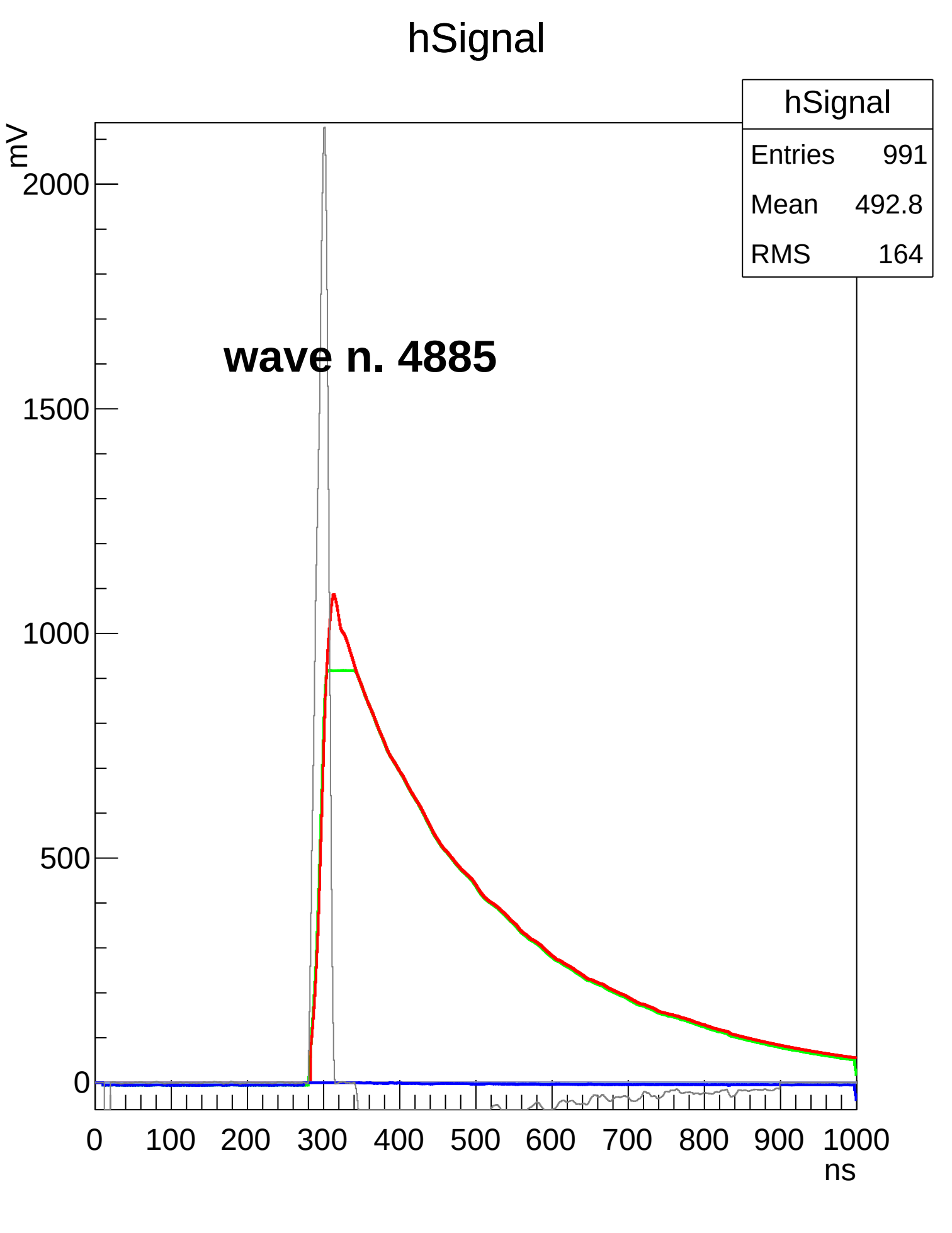
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.5
RMS 153
wave n. 4883
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 425.9
RMS 176
wave n. 4884
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 492.8
RMS 164
wave n. 4885
mV
2000
1500
1000
500
0
0
100
200
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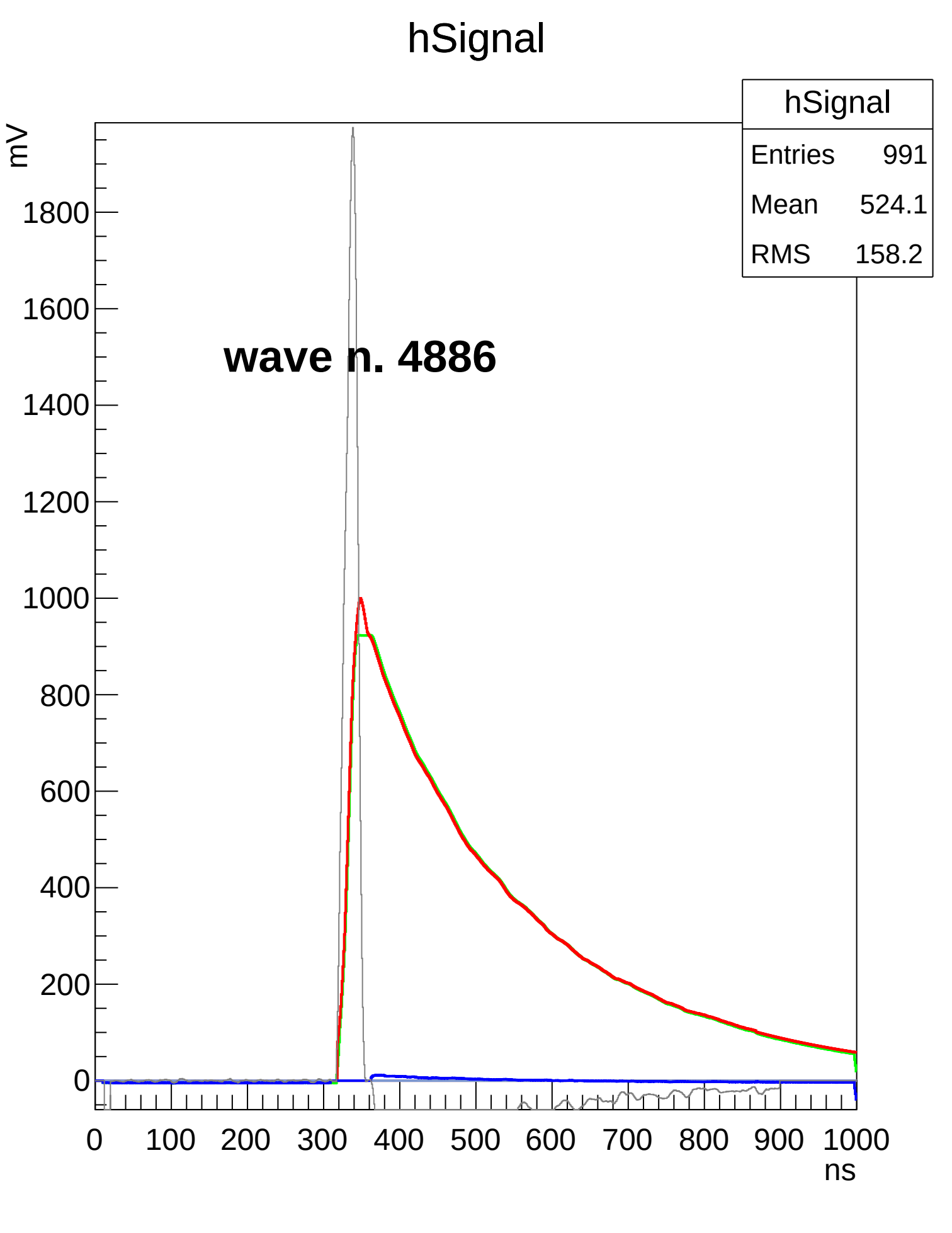
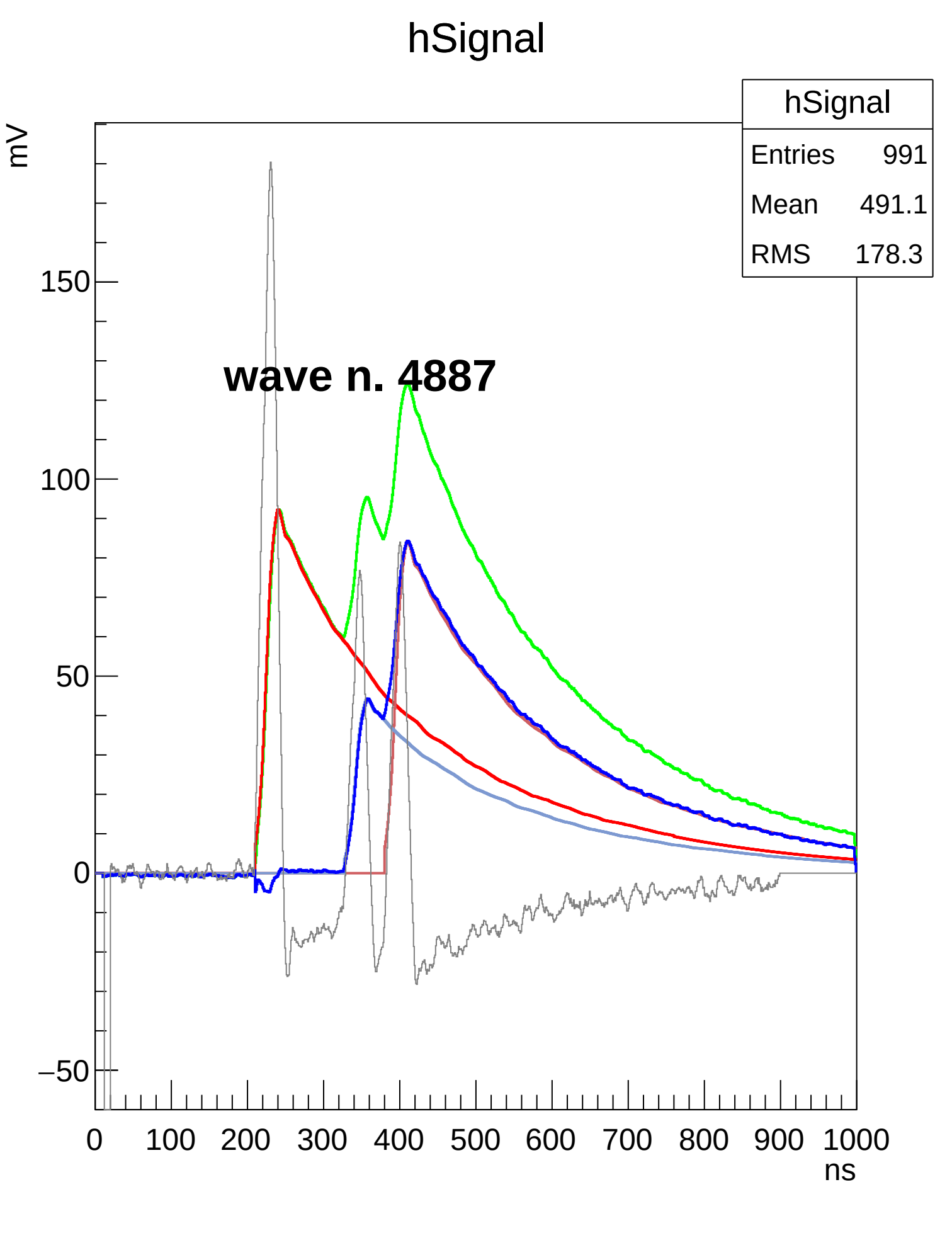
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 524.1
RMS 158.2
wave n. 4886
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 491.1
RMS 178.3
wave n. 4887
mV
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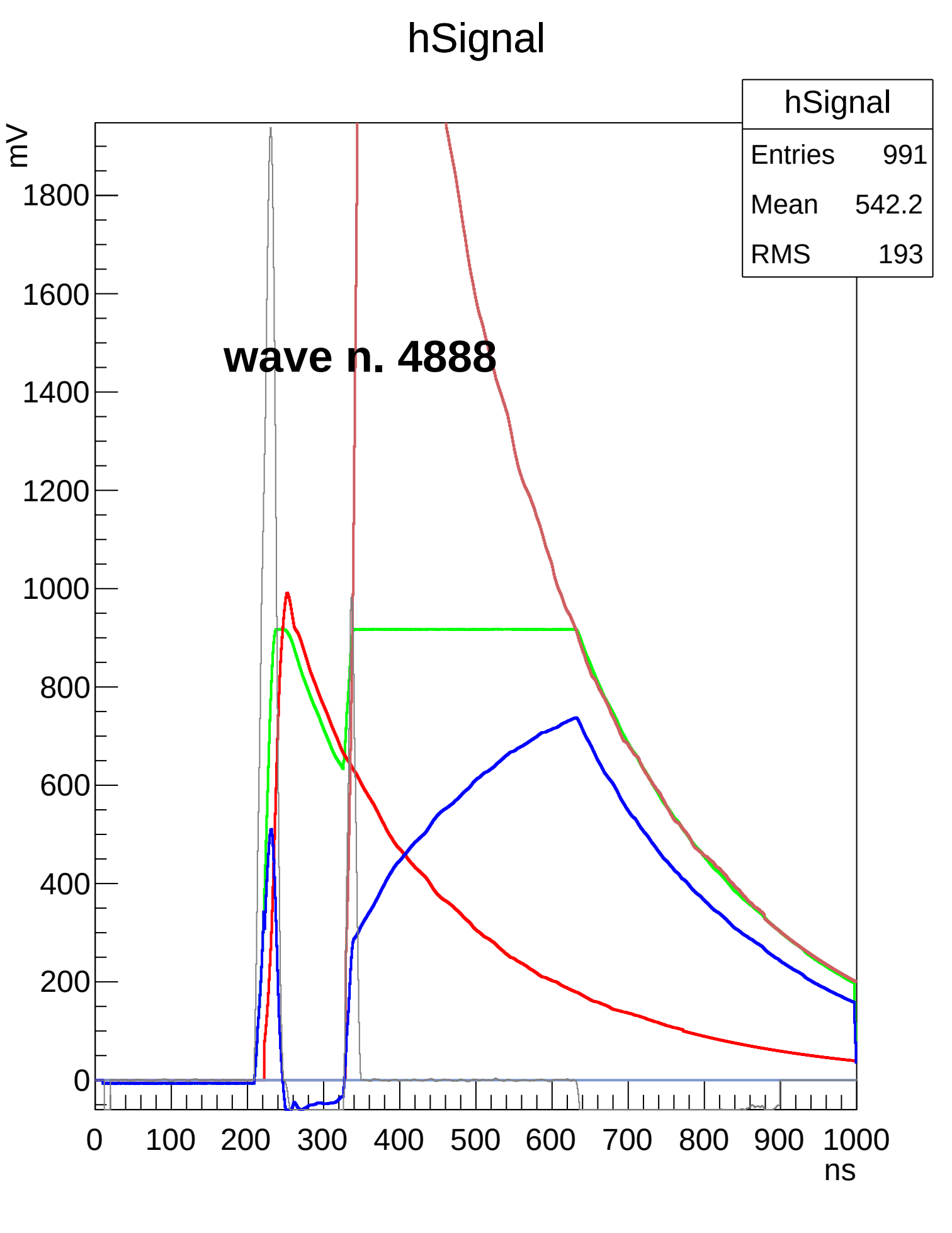
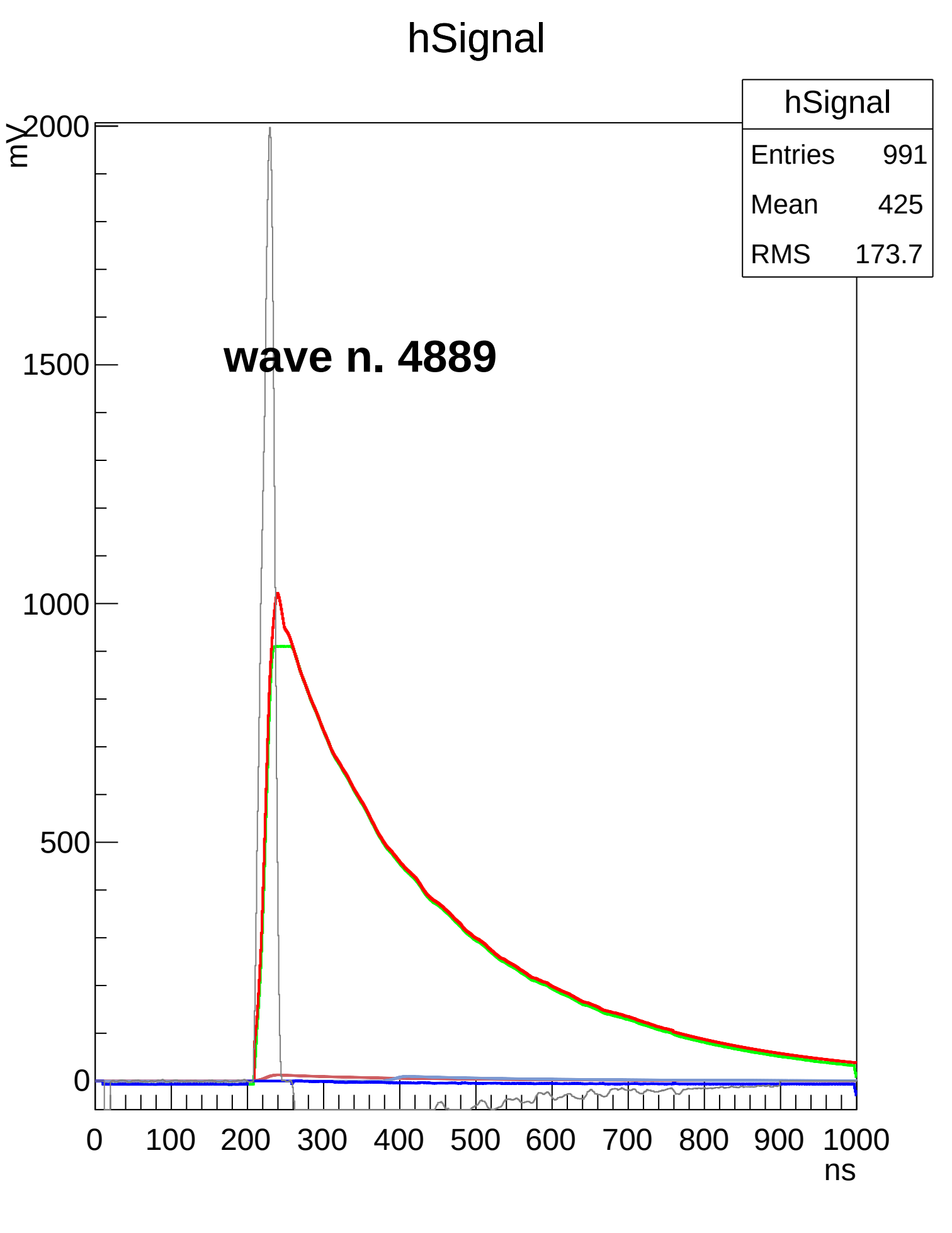
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.2
RMS 193
wave n. 4888
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 425
RMS 173.7
wave n. 4889
mV
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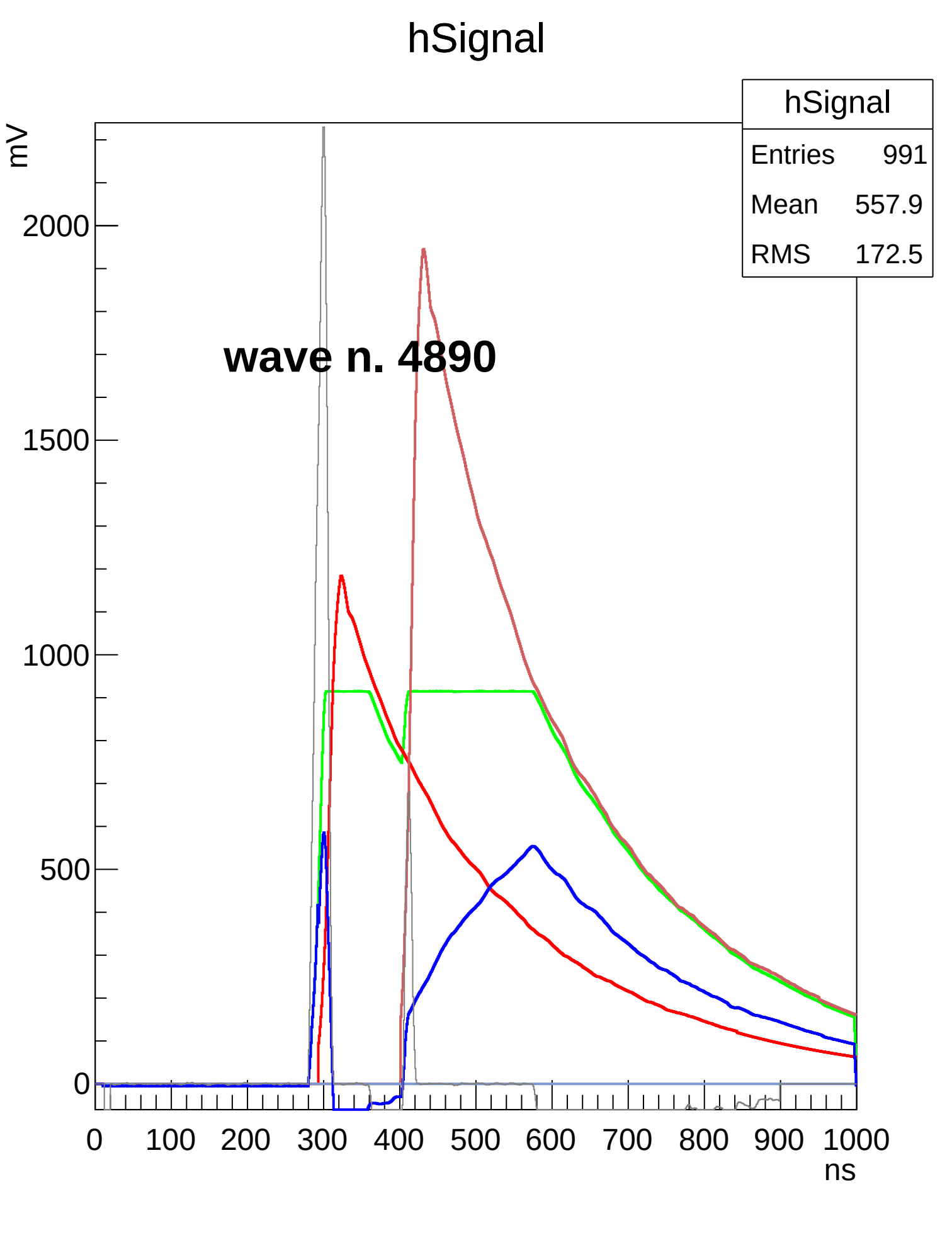
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 557.9
RMS 172.5
wave n. 4890
mV
2000
1500
1000
500
0
0
100
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500
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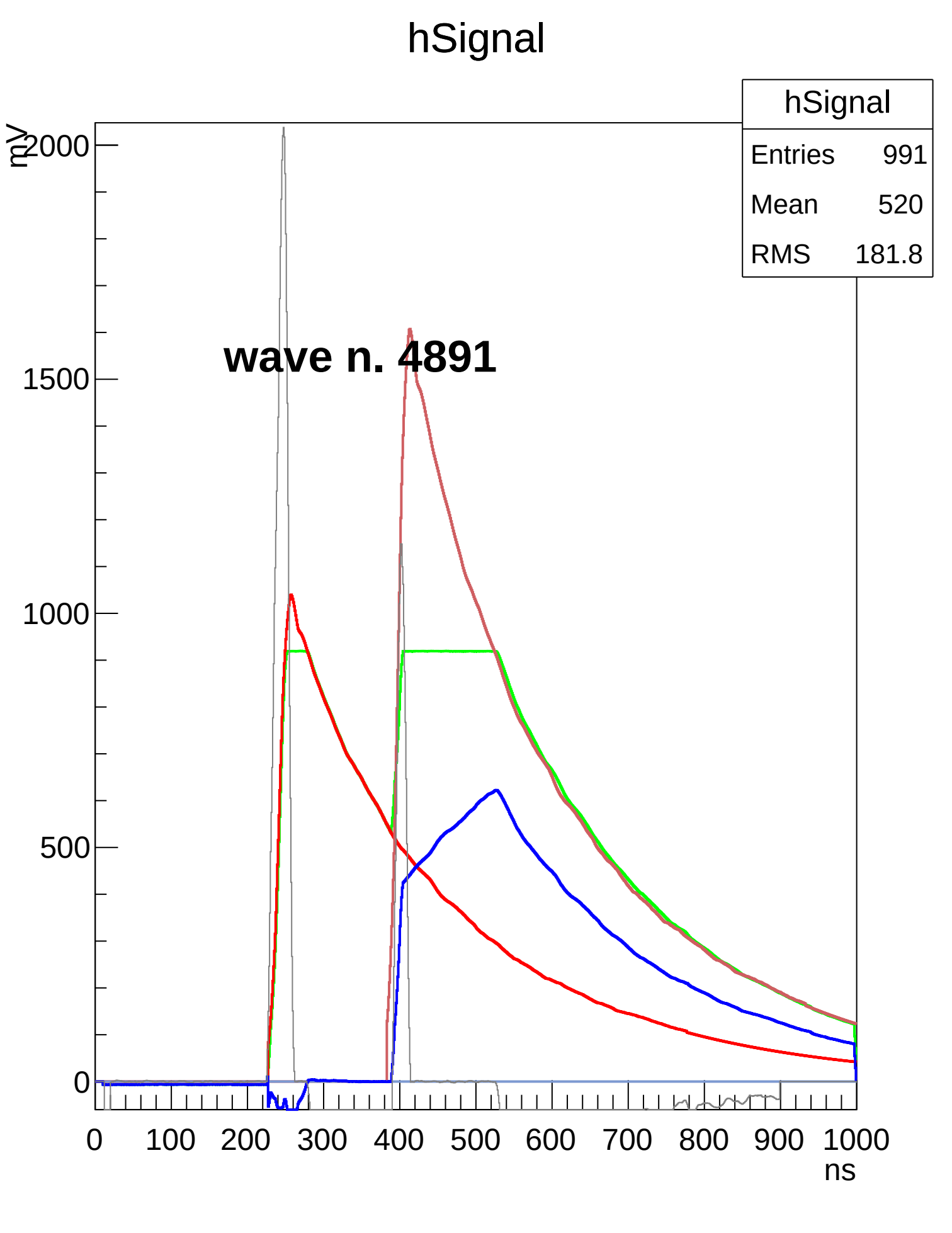
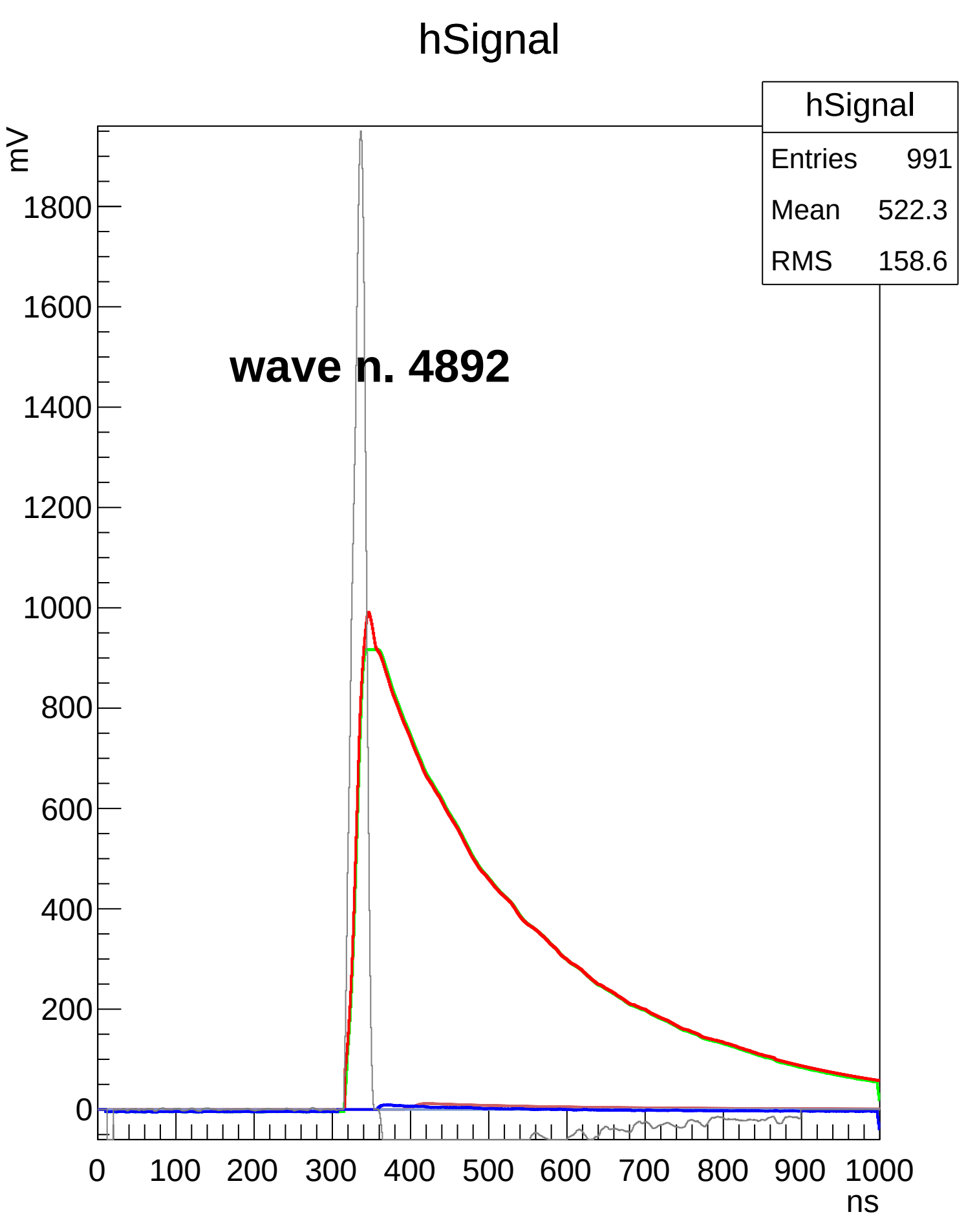
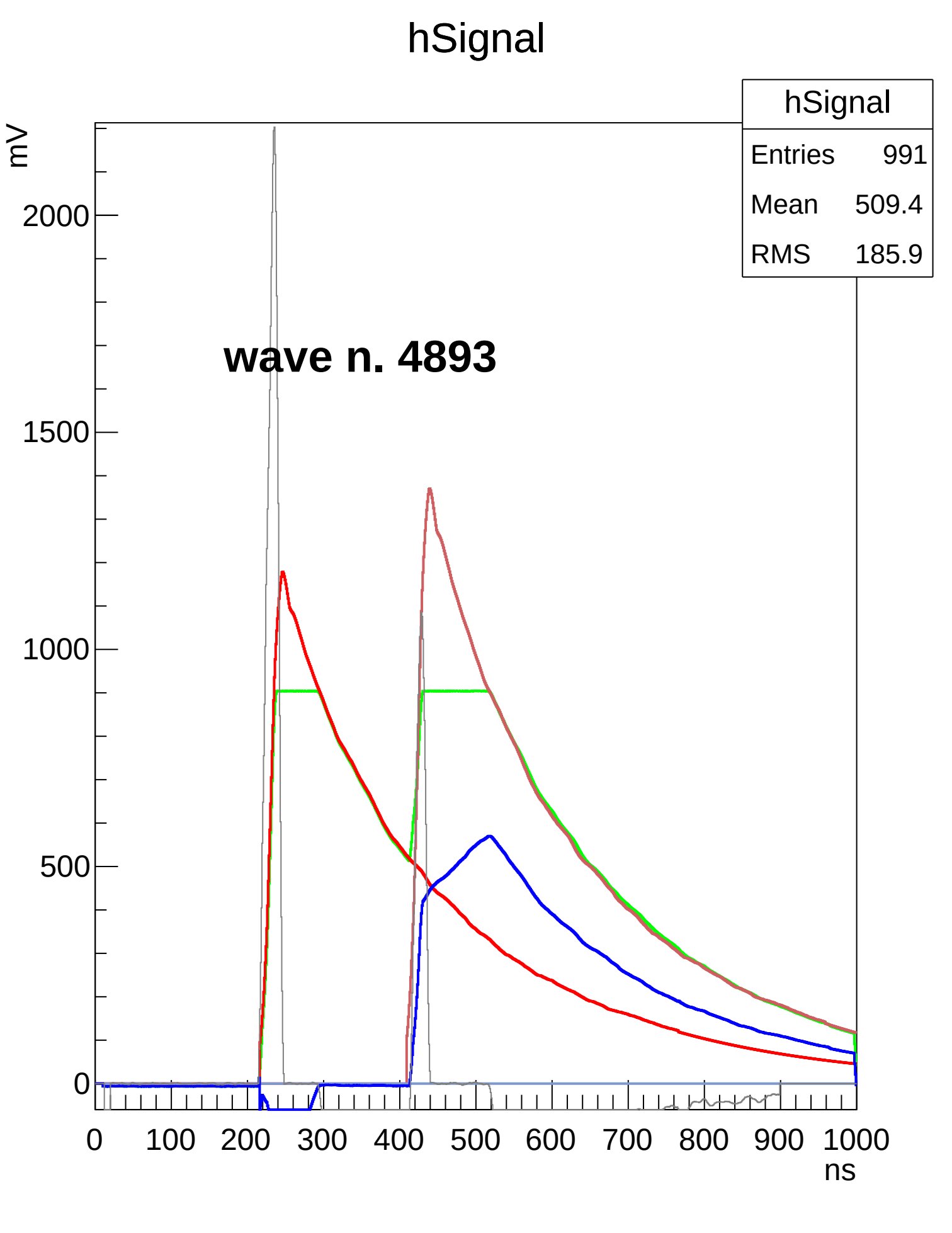
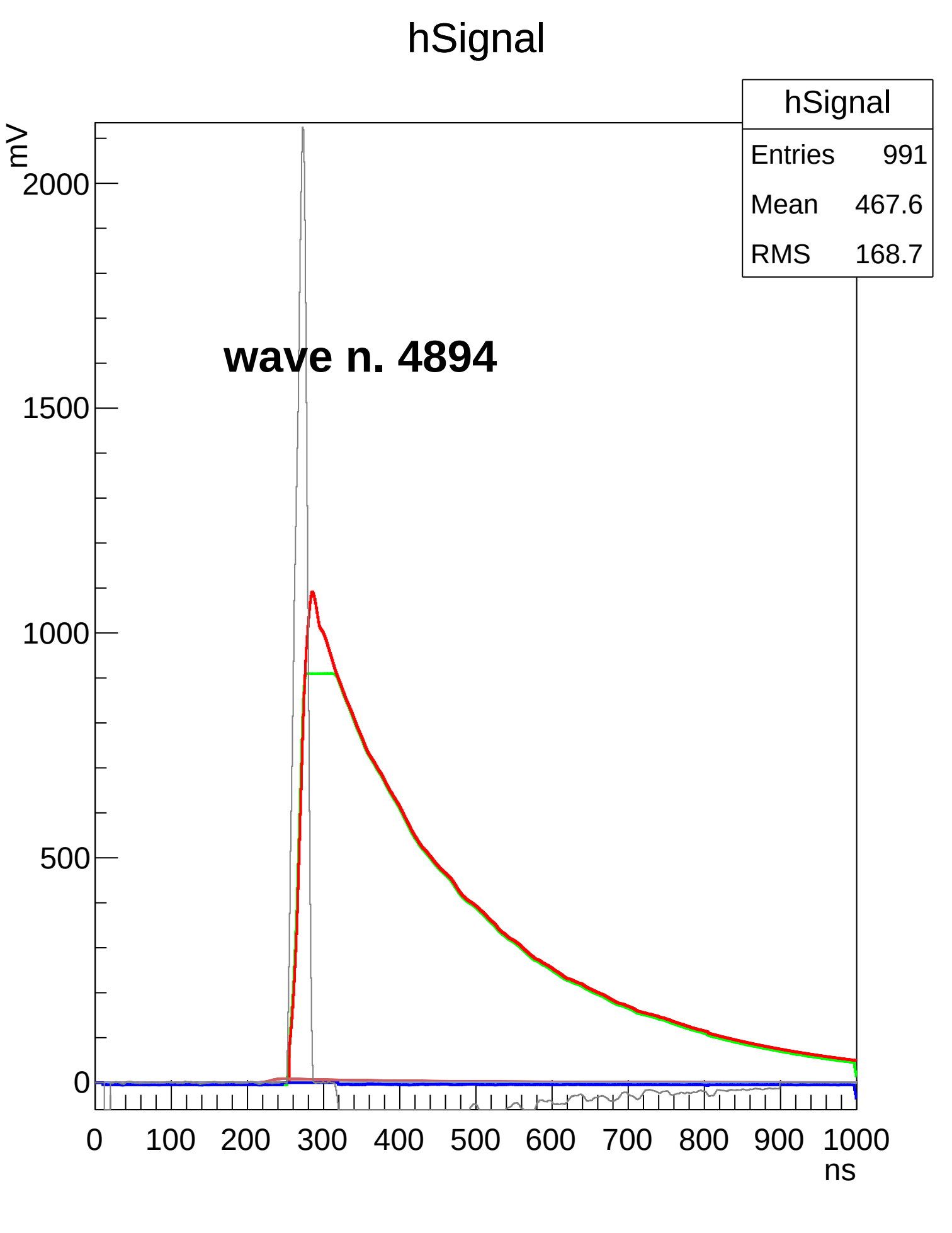
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 520
RMS 181.8
wave n. 4891
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 522.3
RMS 158.6
wave n. 4892
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 509.4
RMS 185.9
wave n. 4893
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 467.6
RMS 168.7
wave n. 4894
mV
2000
1500
1000
500
0
0
100
200
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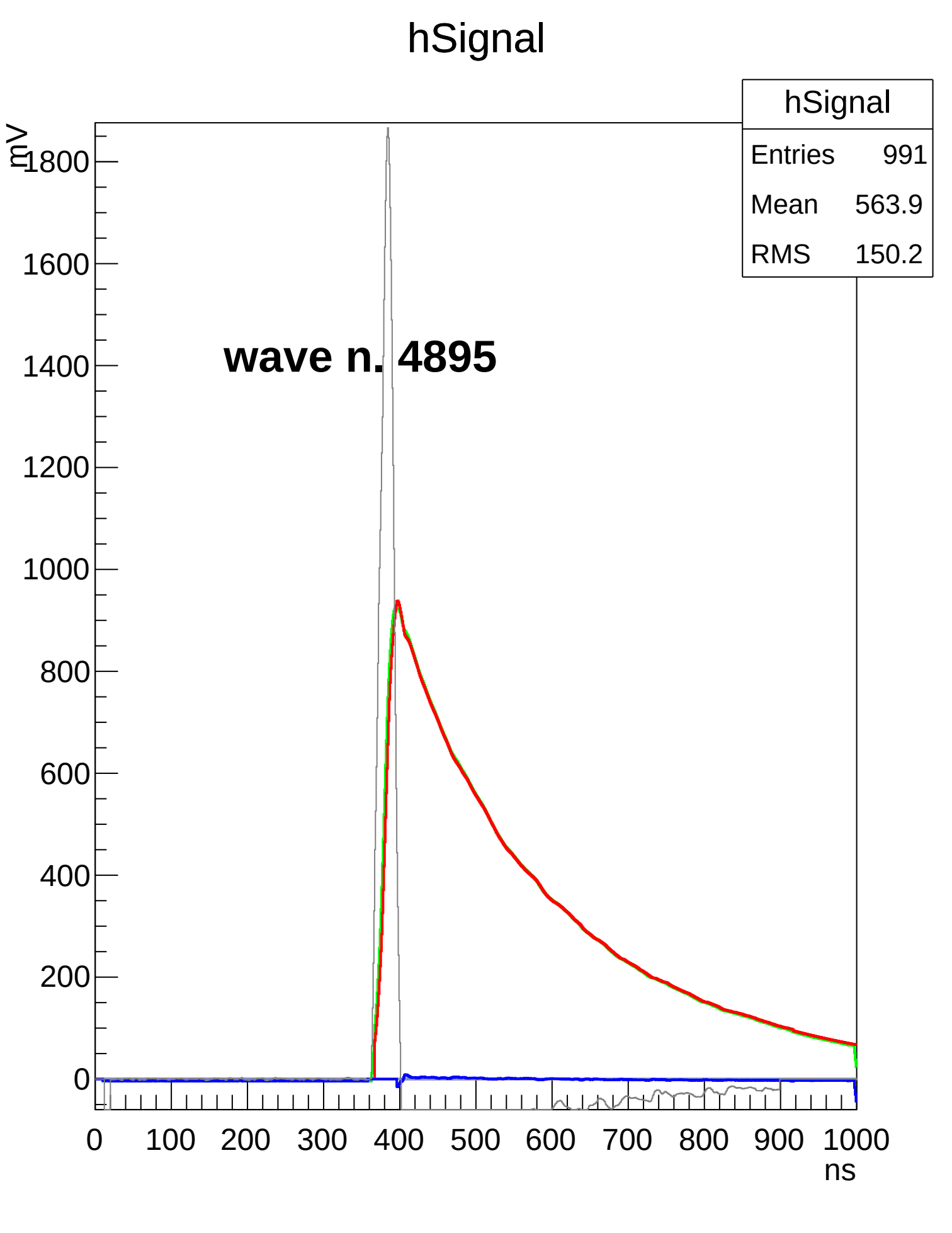
400
500
600
700
800
900
1000
ns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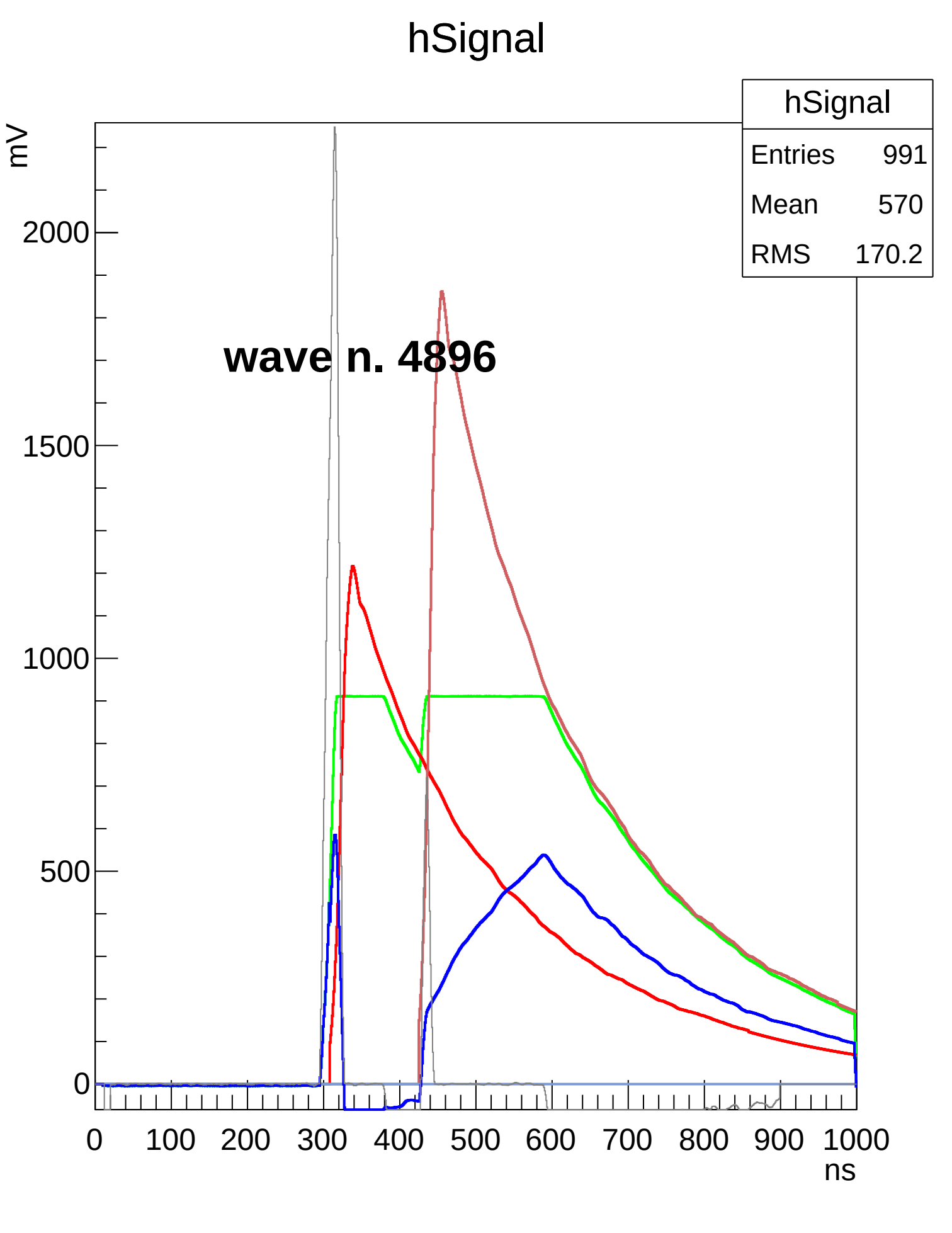
hSignal
Entries 991
Mean 563.9
RMS 150.2
wave n. 4895
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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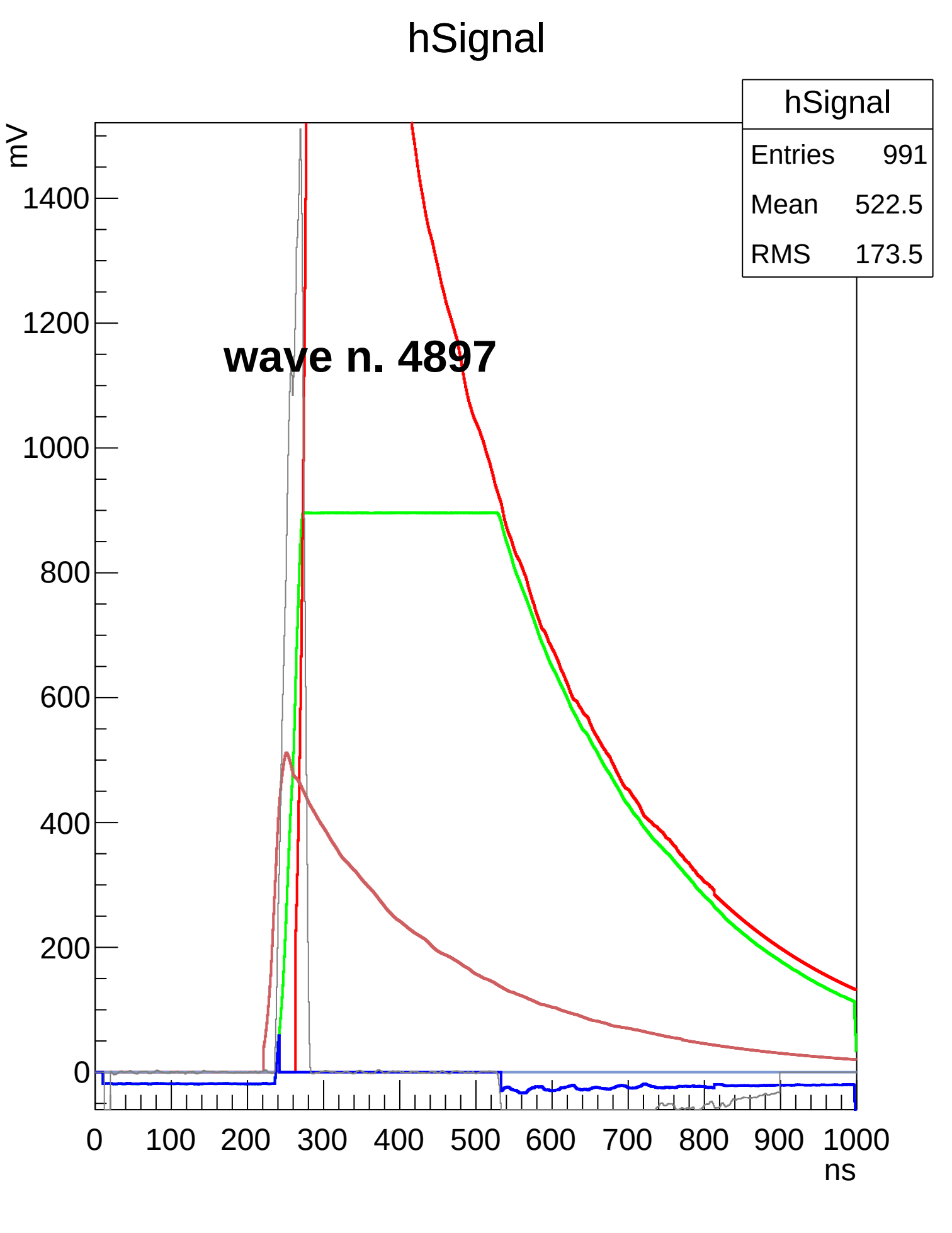
Entries 991
Mean 570
RMS 170.2
wave n. 4896
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 522.5
RMS 173.5
wave n. 4897
mV
1400
1200
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600
400
200
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0
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200
300
400
500
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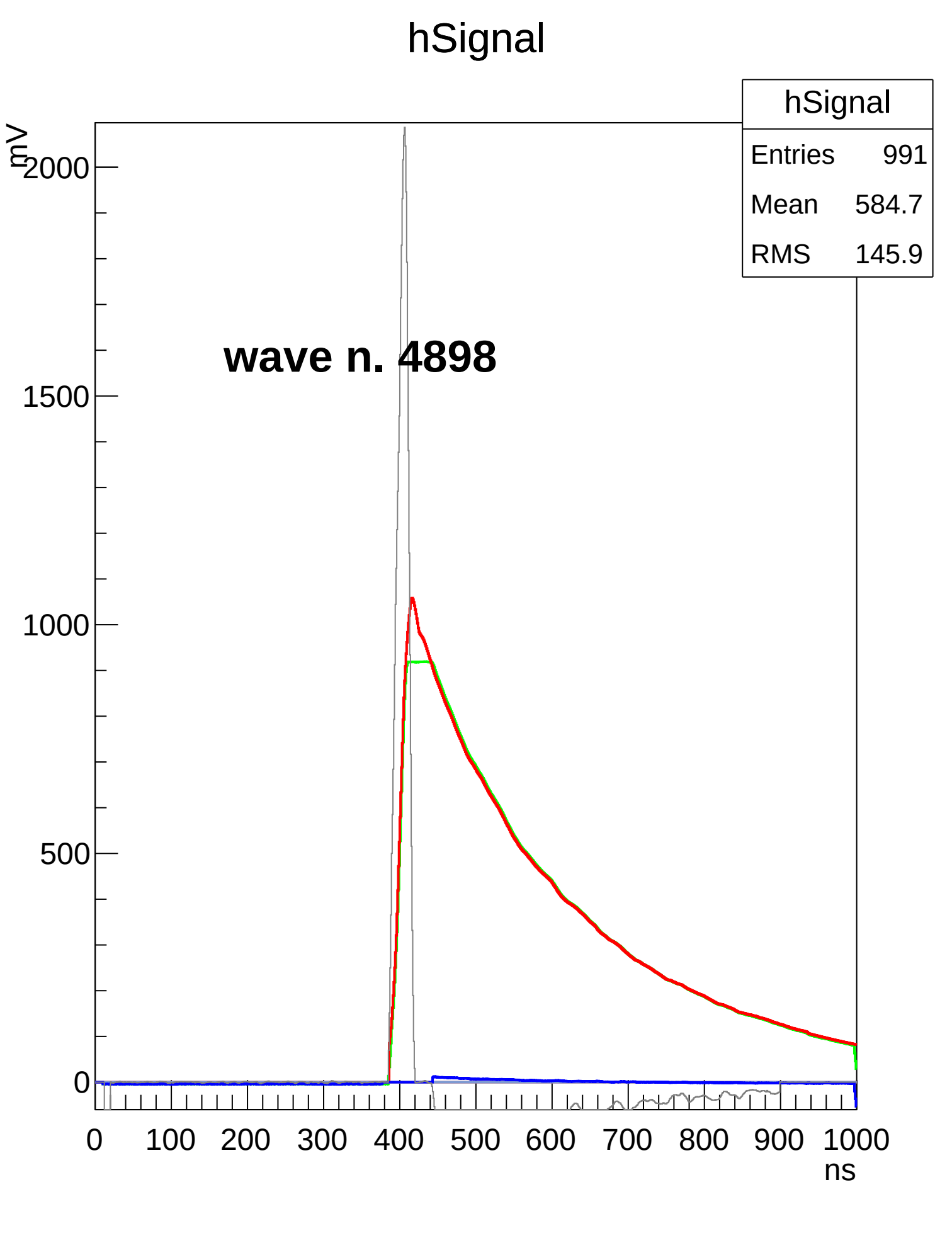
800
900
1000
ns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hSignal
Entries 991
Mean 584.7
RMS 145.9
wave n. 4898
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1000
500
0
0
100
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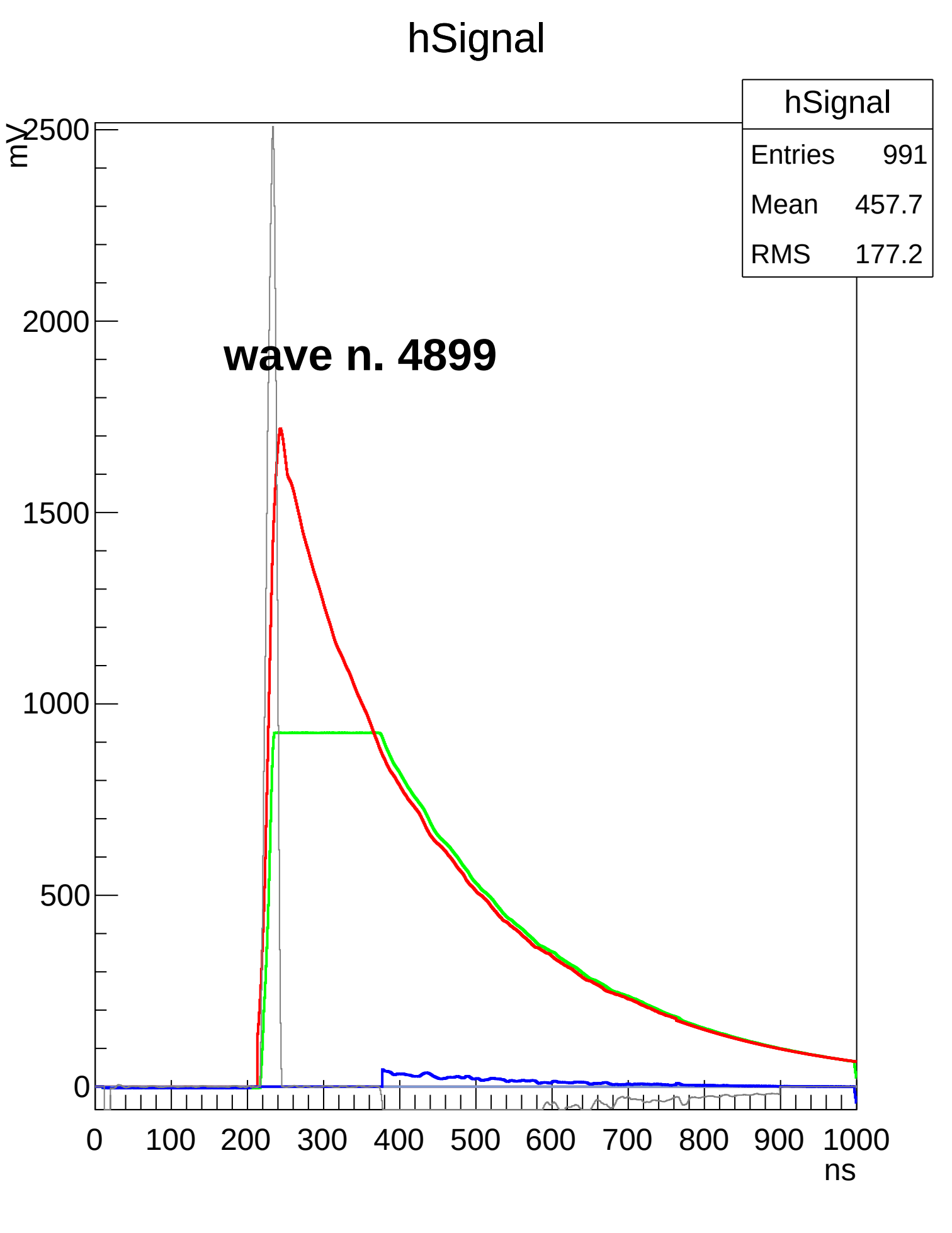
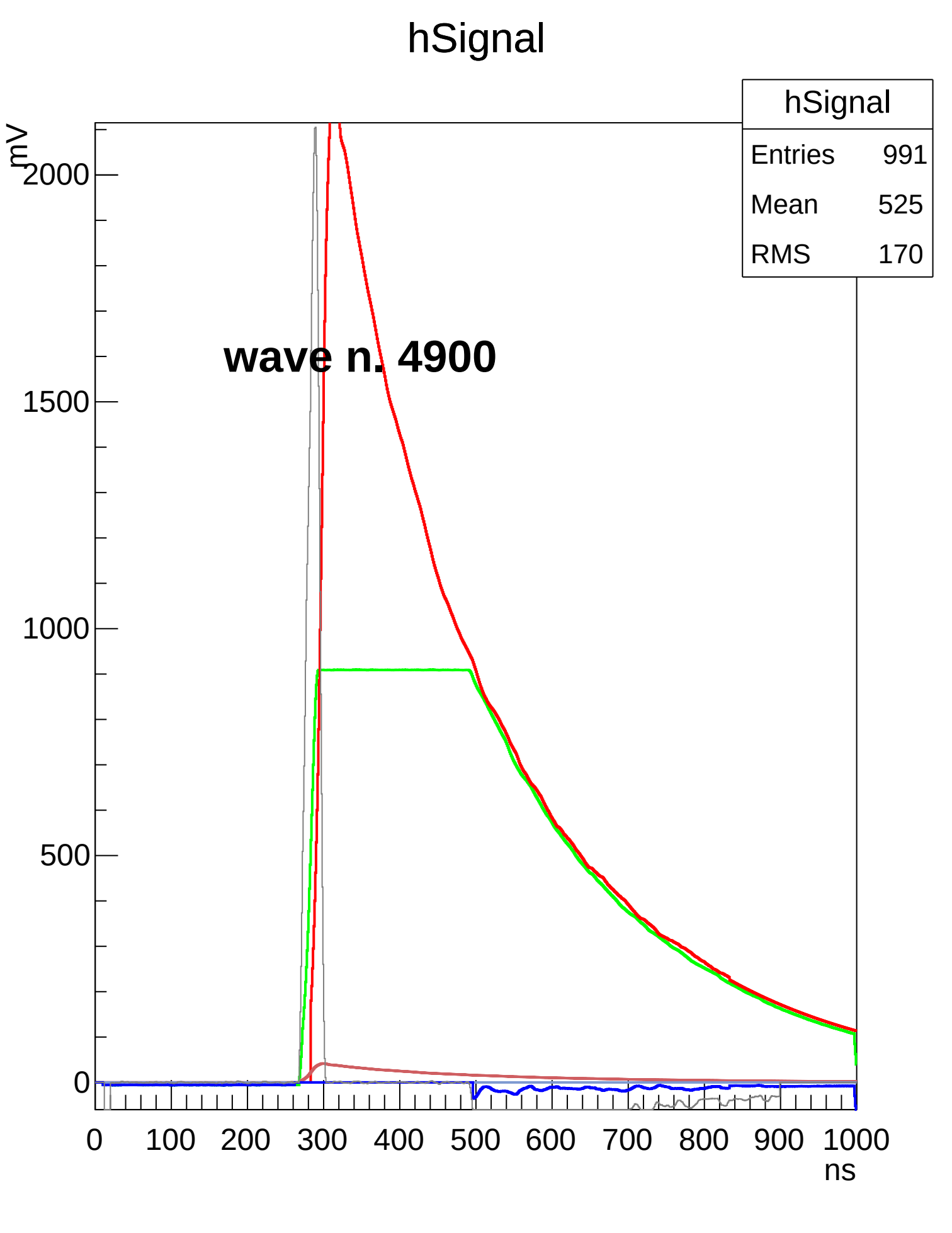
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 457.7
RMS 177.2
wave n. 4899
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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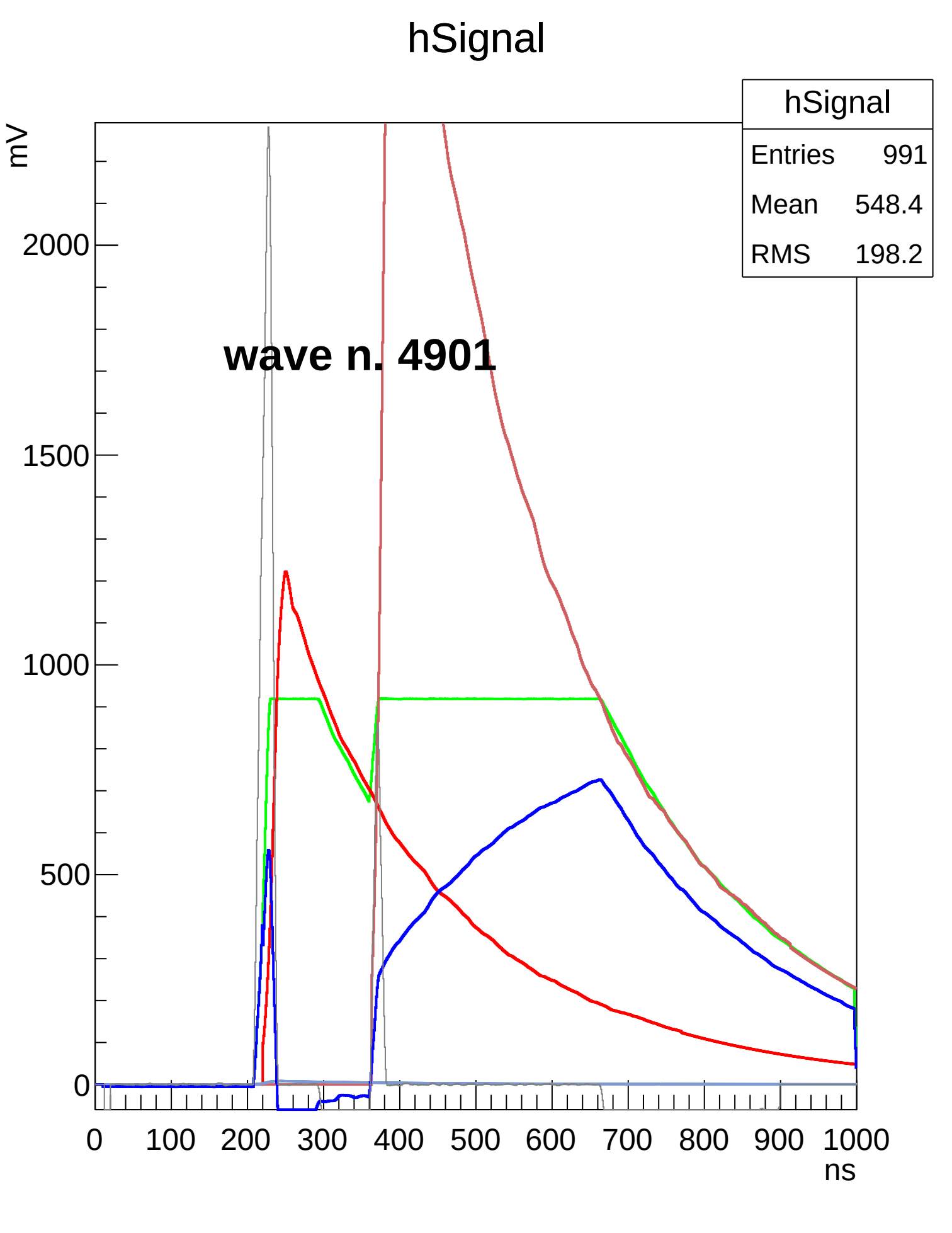
hSignal
Entries 991
Mean 525
RMS 170
wave n. 4900
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 548.4
RMS 198.2
wave n. 4901
mV
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1000
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0
100
200
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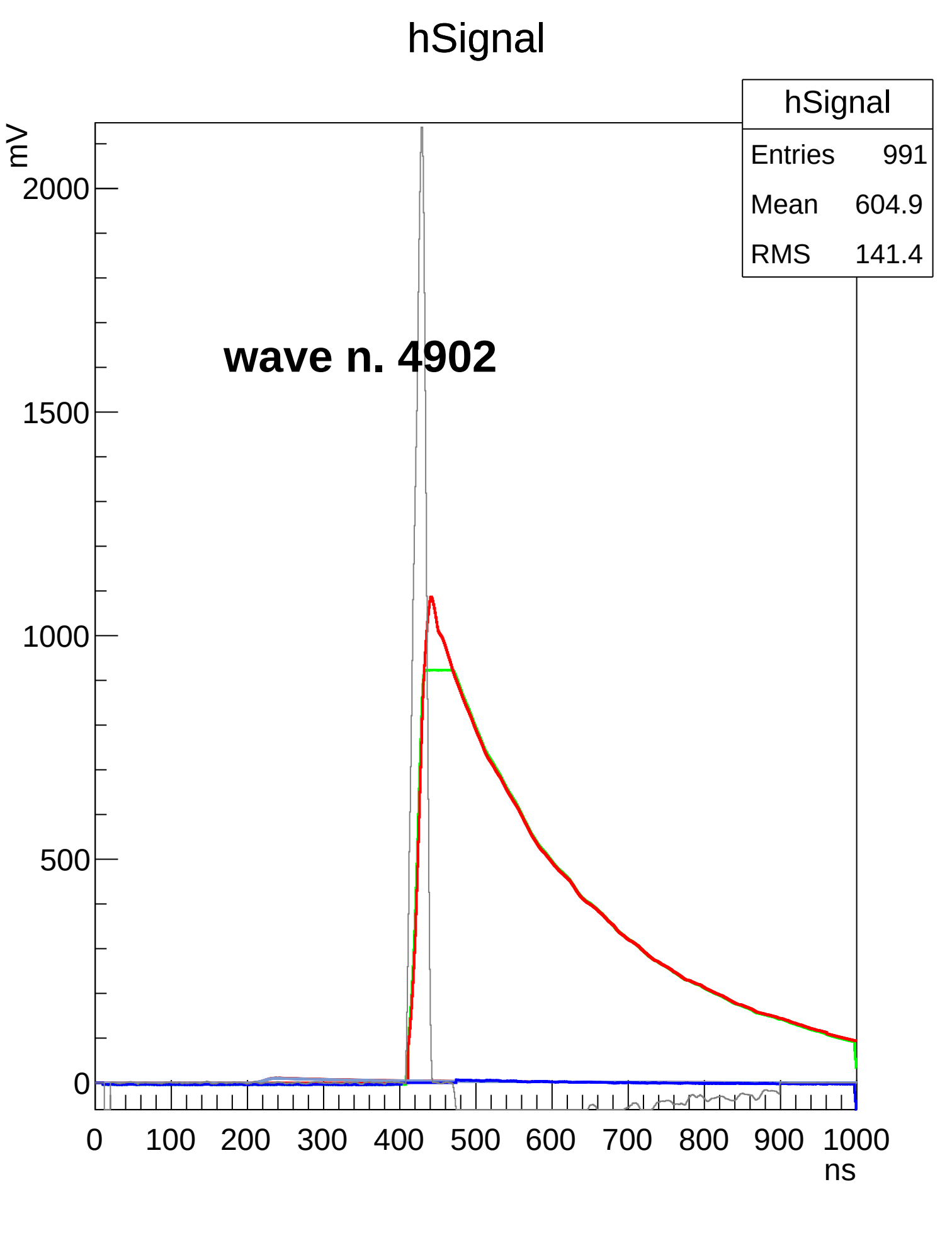
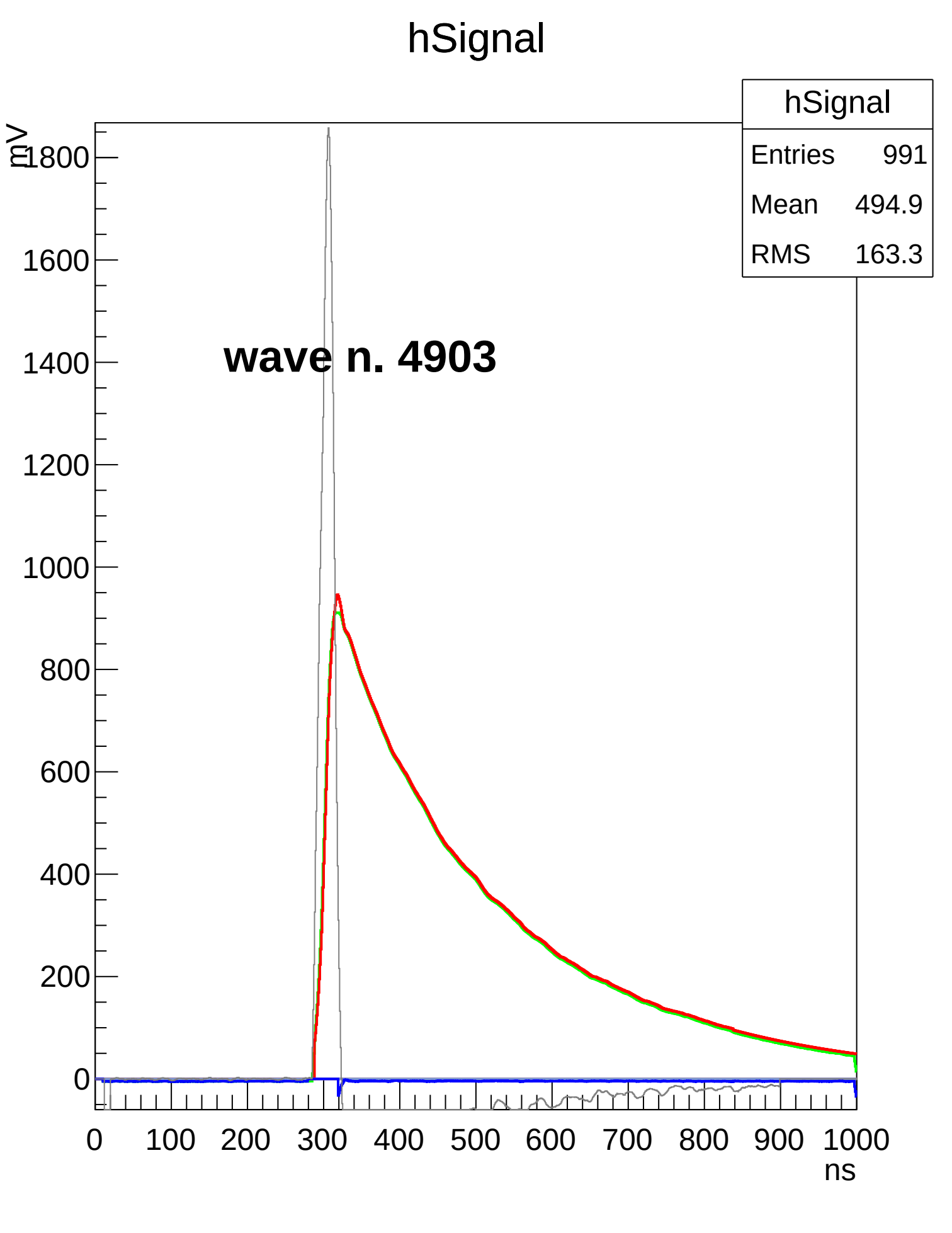
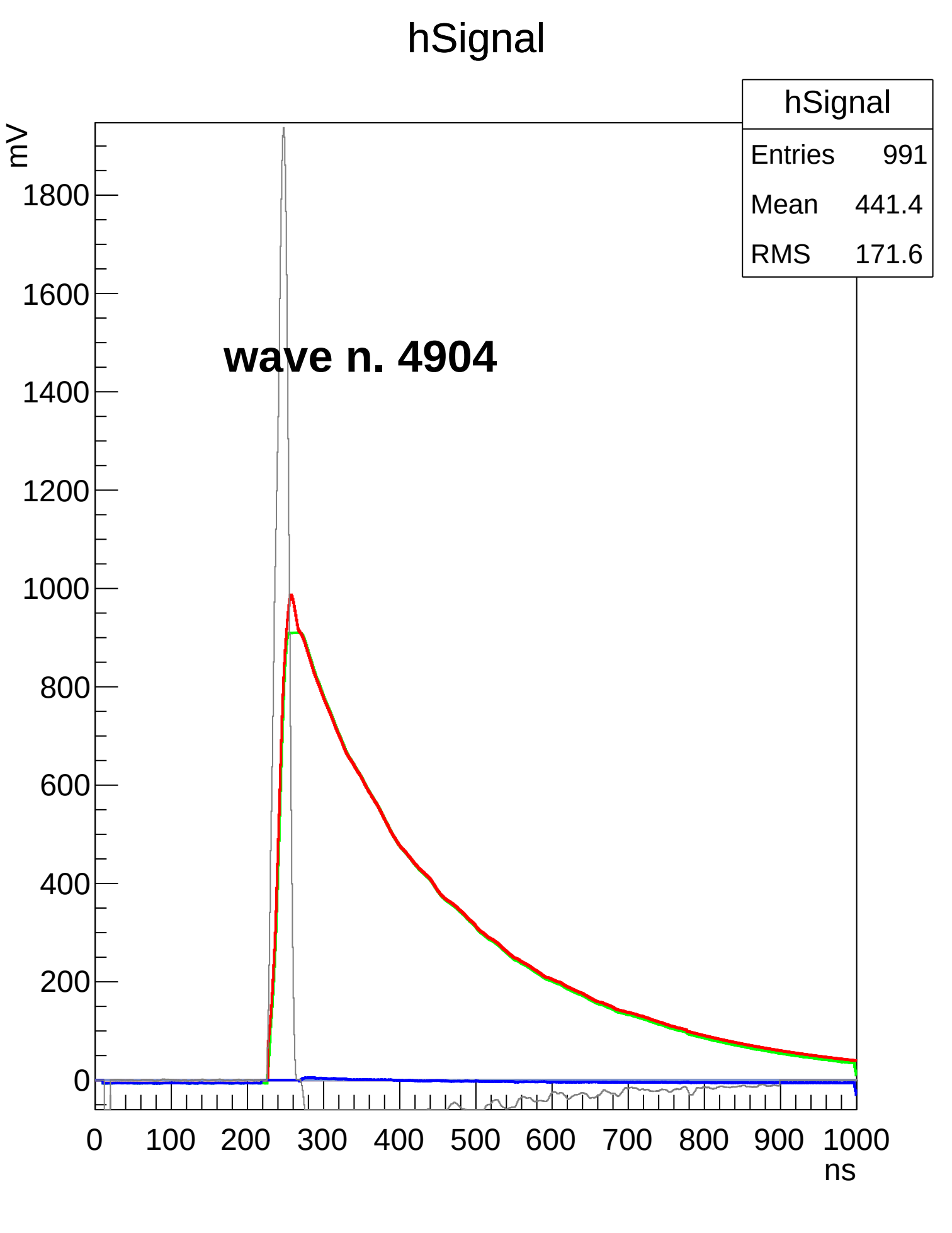
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 604.9
RMS 141.4
wave n. 4902
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 494.9
RMS 163.3
wave n. 4903
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 441.4
RMS 171.6
wave n. 4904
mV
1800
1600
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600
400
200
0
0
100
200
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400
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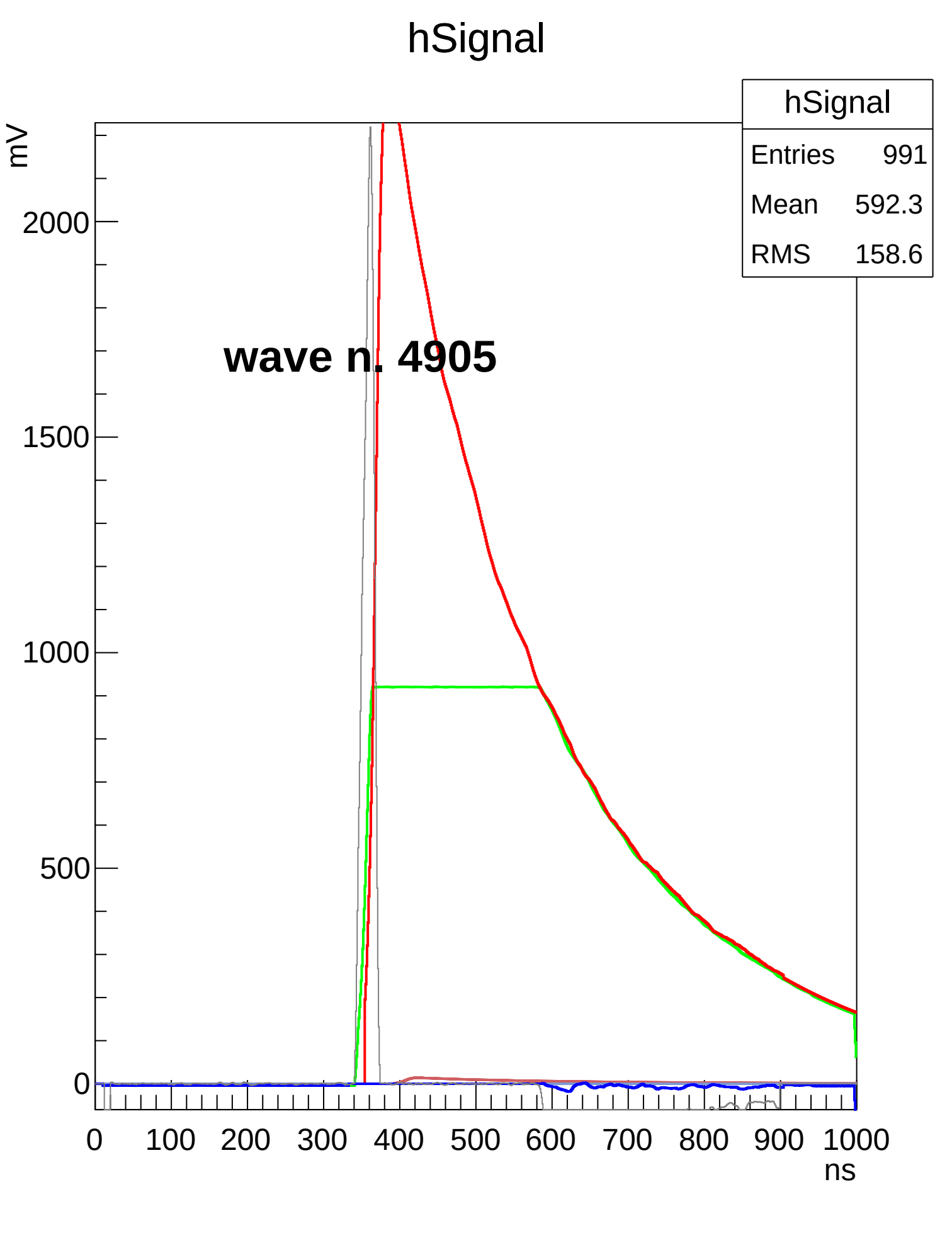
1000
ns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hSignal
Entries 991
Mean 592.3
RMS 158.6
wave n. 4905
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0
100
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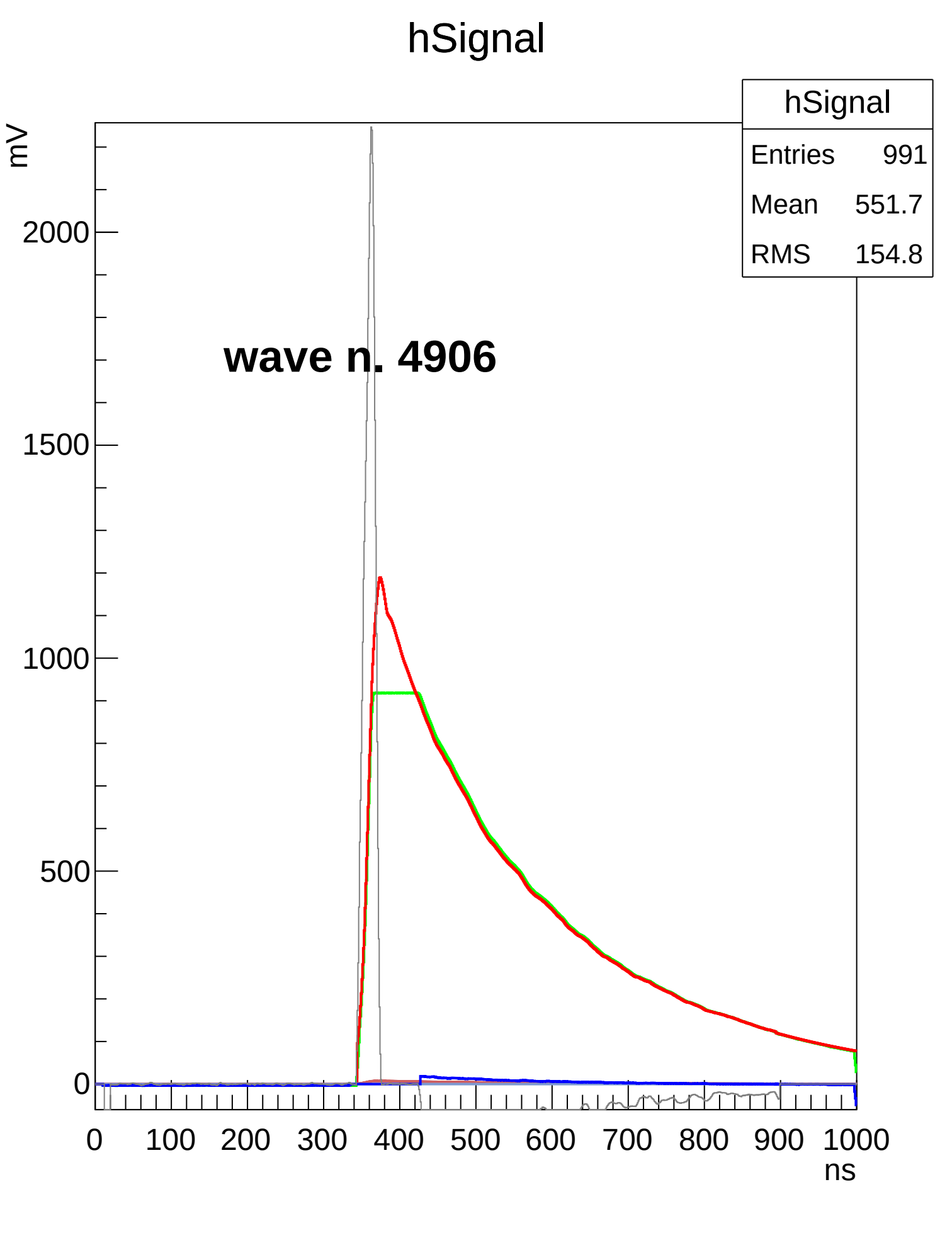
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 551.7
RMS 154.8
wave n. 4906
mV
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0
100
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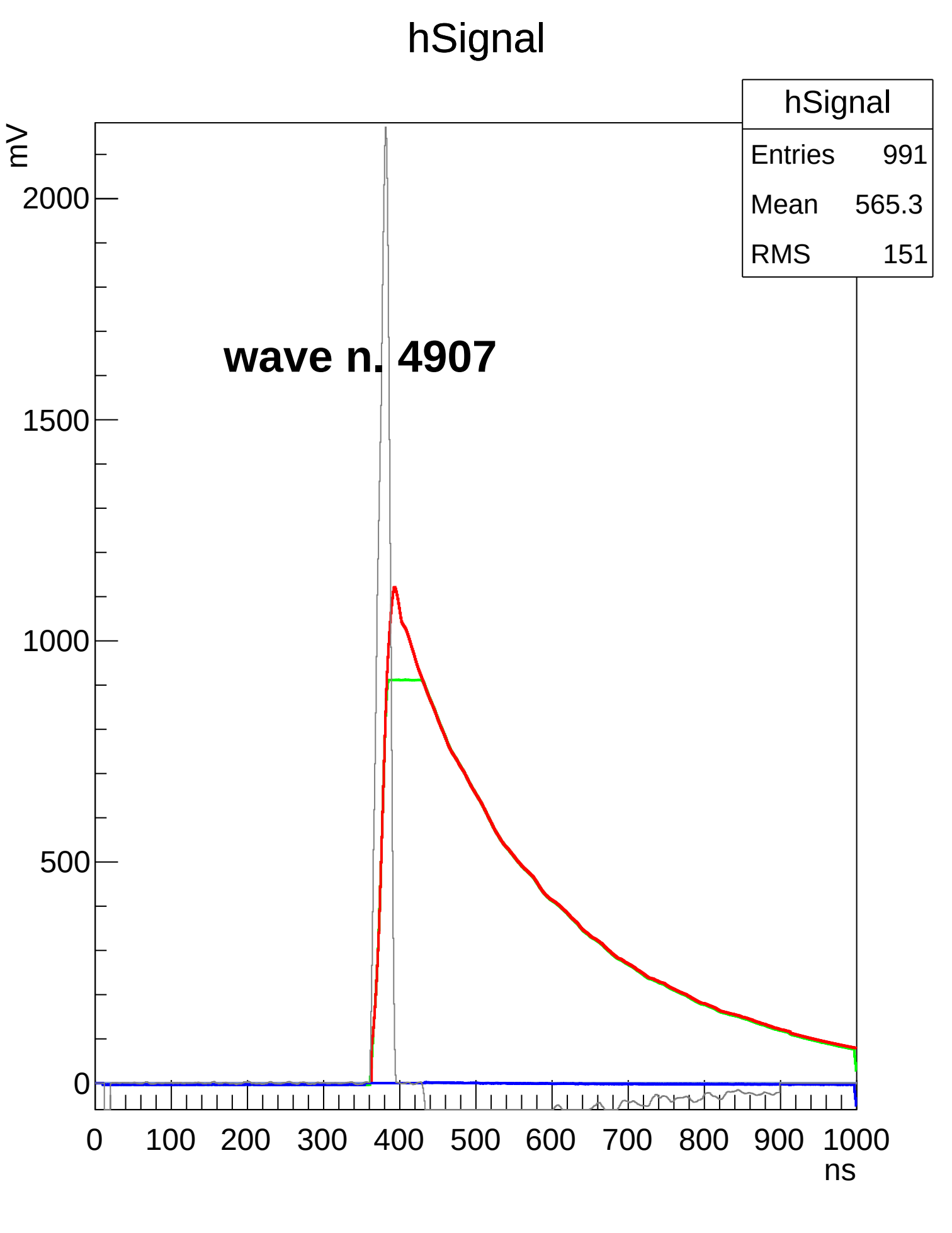
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.3
RMS 151
wave n. 4907
mV
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1000
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0
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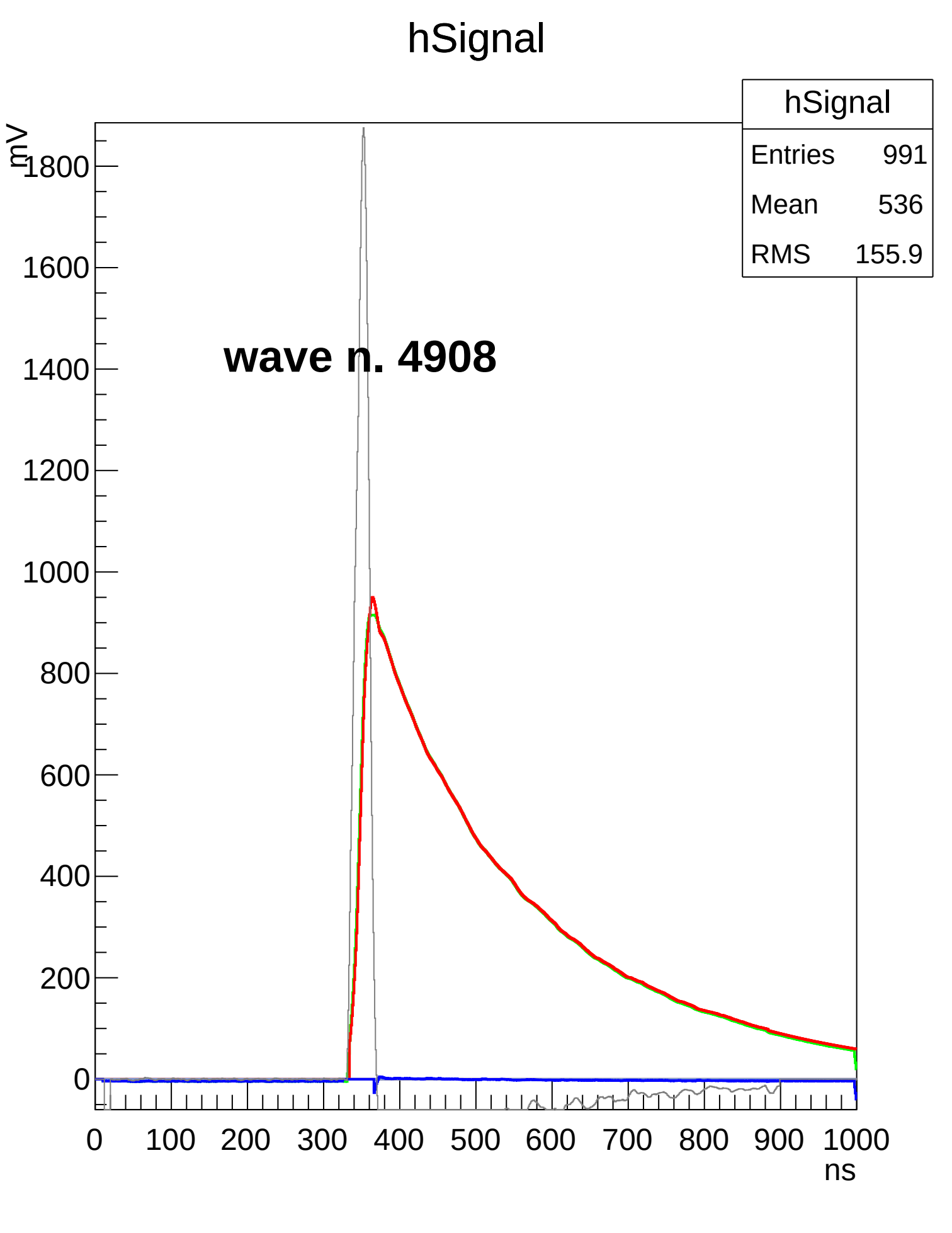
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 536
RMS 155.9
wave n. 4908
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1200
1000
800
600
400
200
0
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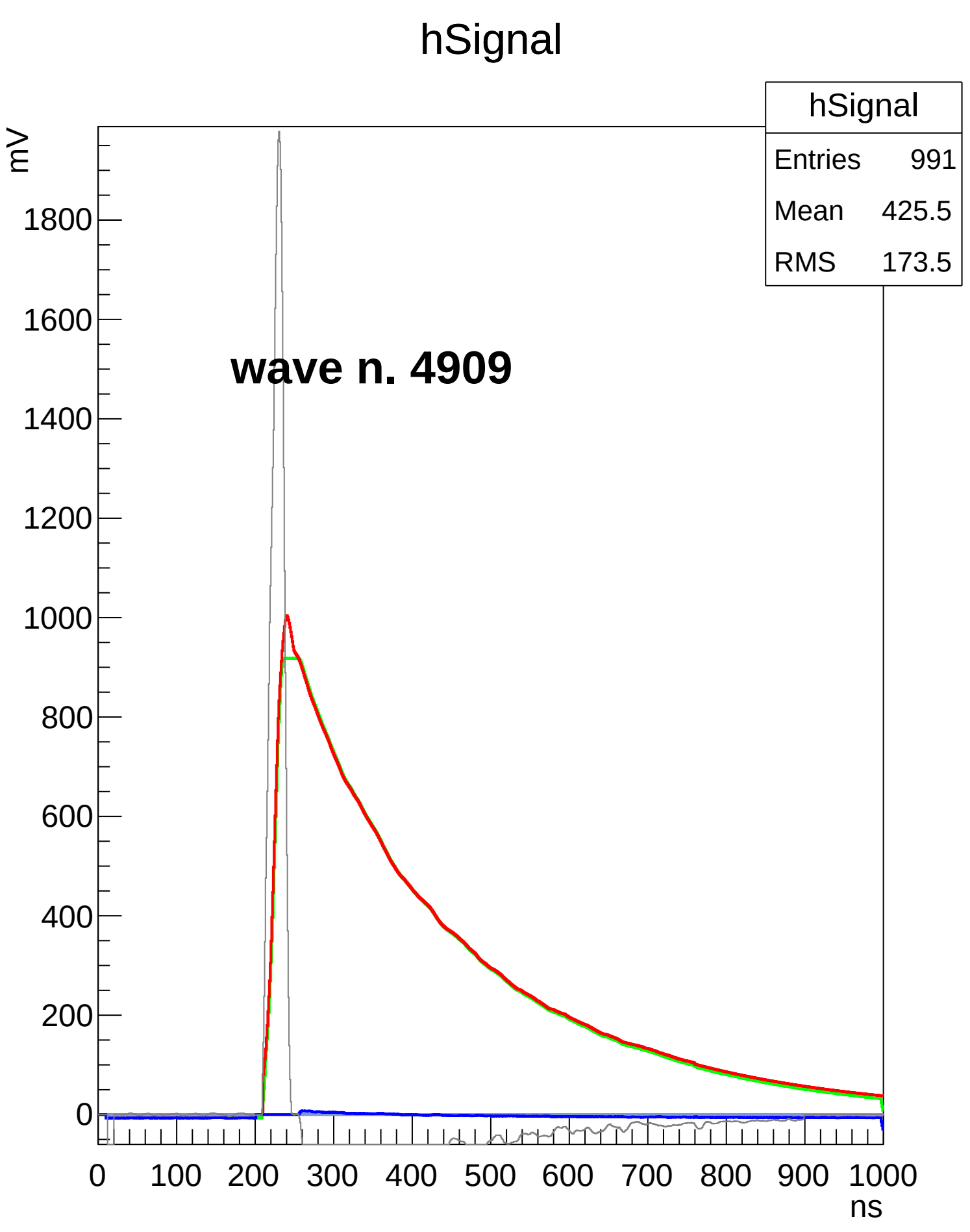
ns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hSignal
Entries 991
Mean 425.5
RMS 173.5
wave n. 4909
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
300
400
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800
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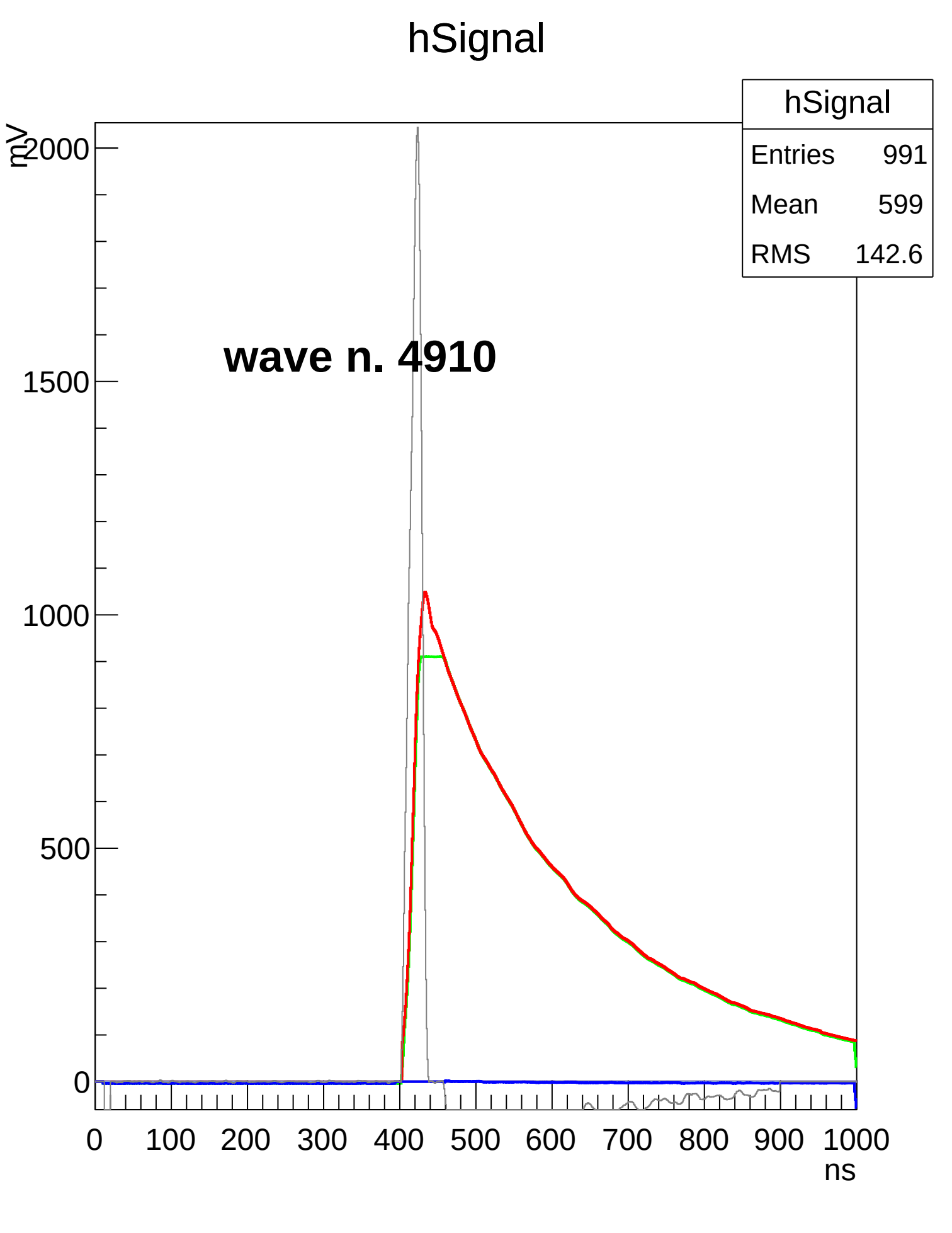
1000
ns


hSignal
hSignal
Entries 991
Mean 599
RMS 142.6
wave n. 4910
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500
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0
100
200
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800
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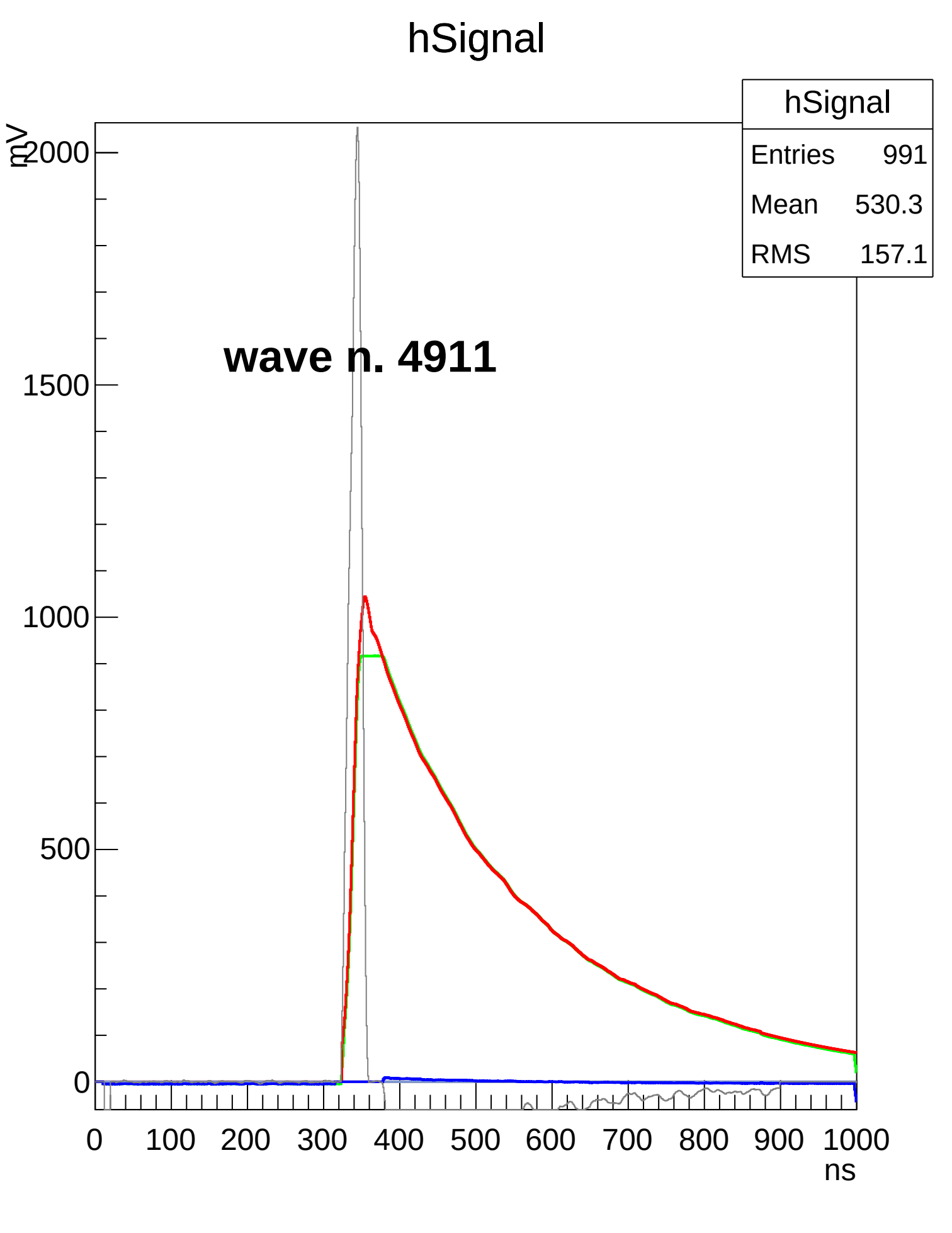
1000
ns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hSignal
Entries 991
Mean 530.3
RMS 157.1
wave n. 4911
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1000
500
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0
100
200
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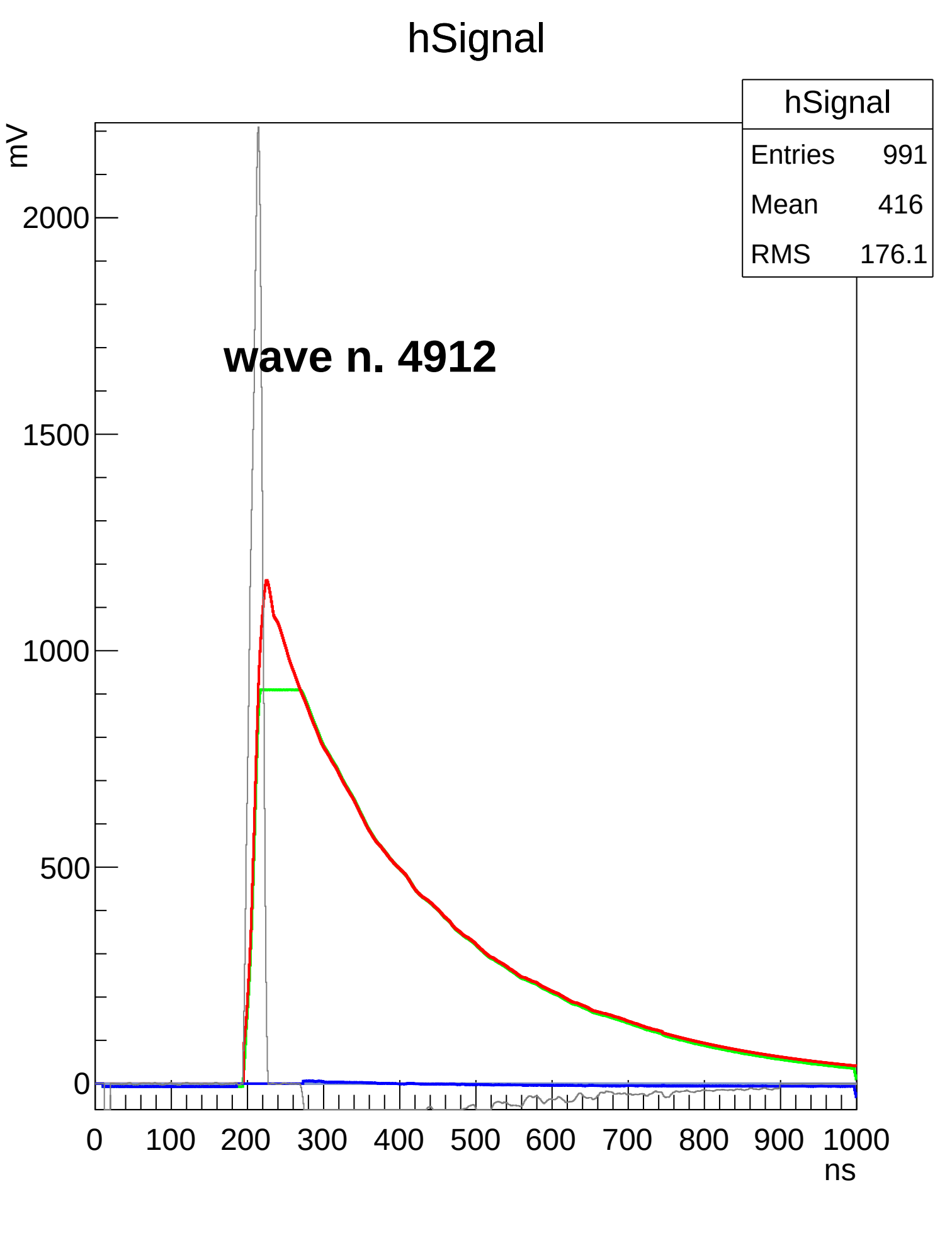
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 416
RMS 176.1
wave n. 4912
mV
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1500
1000
500
0
0
100
200
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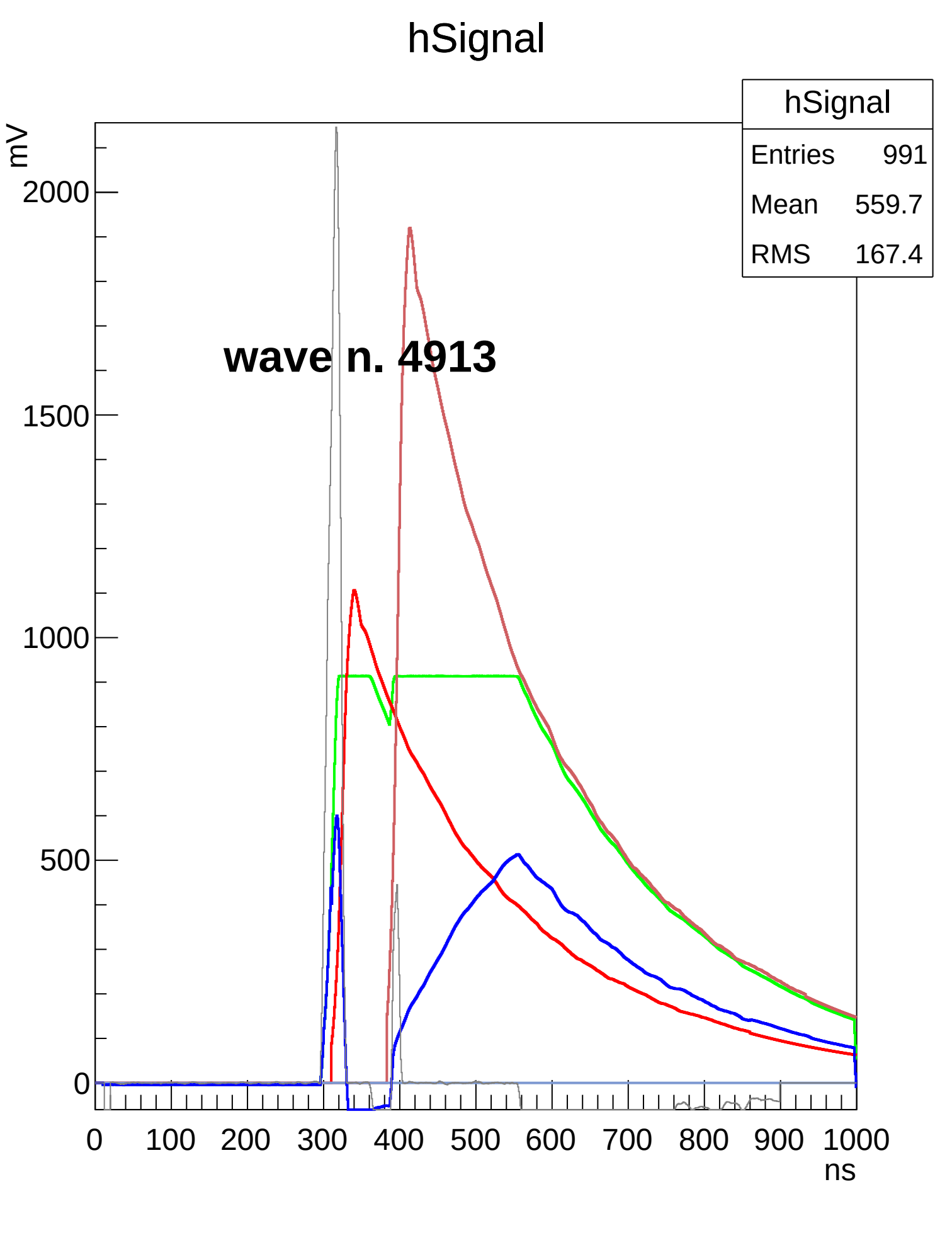
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 559.7
RMS 167.4
wave n. 4913
mV
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1000
500
0
0
100
200
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400
500
600
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800
900
1000
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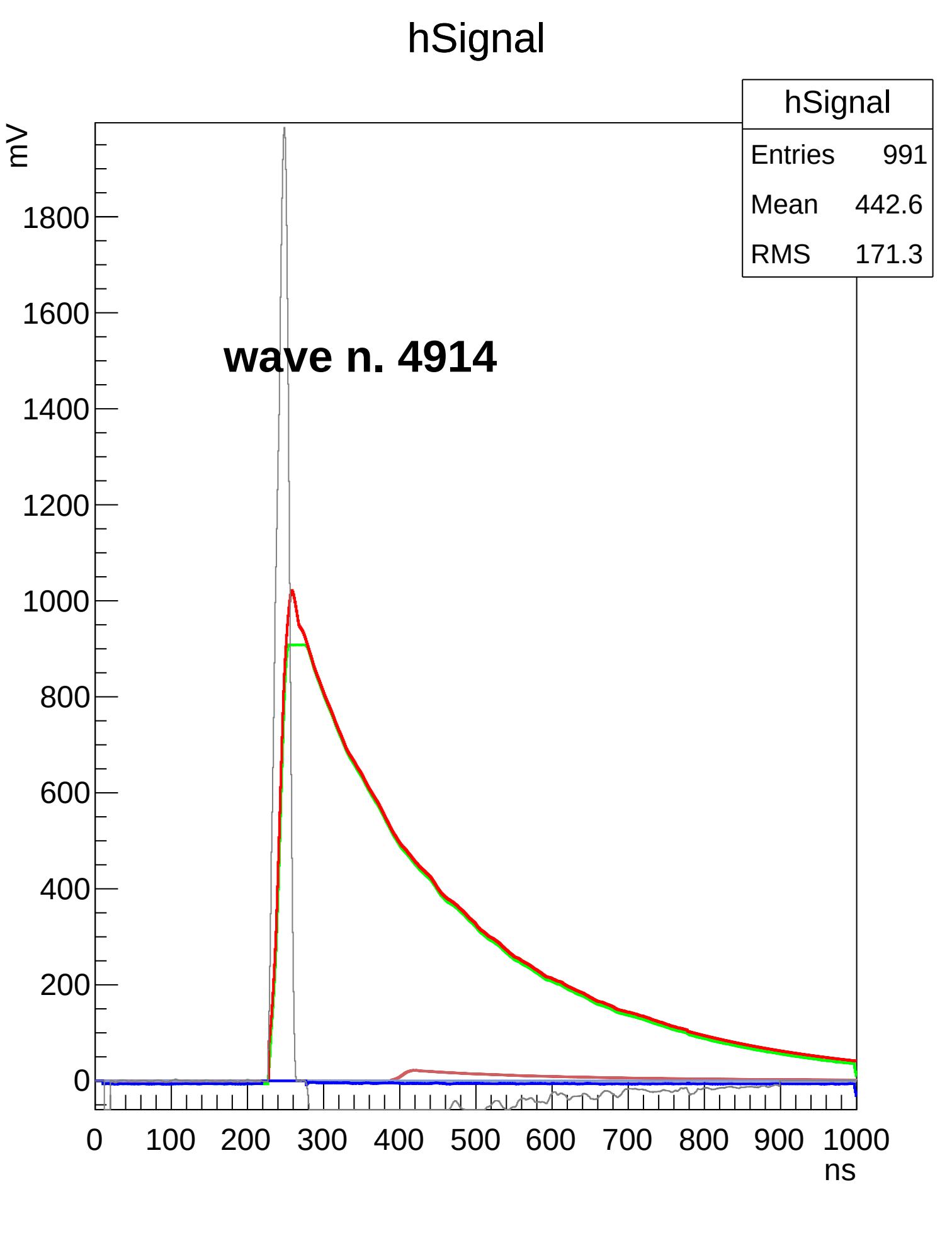
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hSignal
Entries 991
Mean 442.6
RMS 171.3
wave n. 4914
mV
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400
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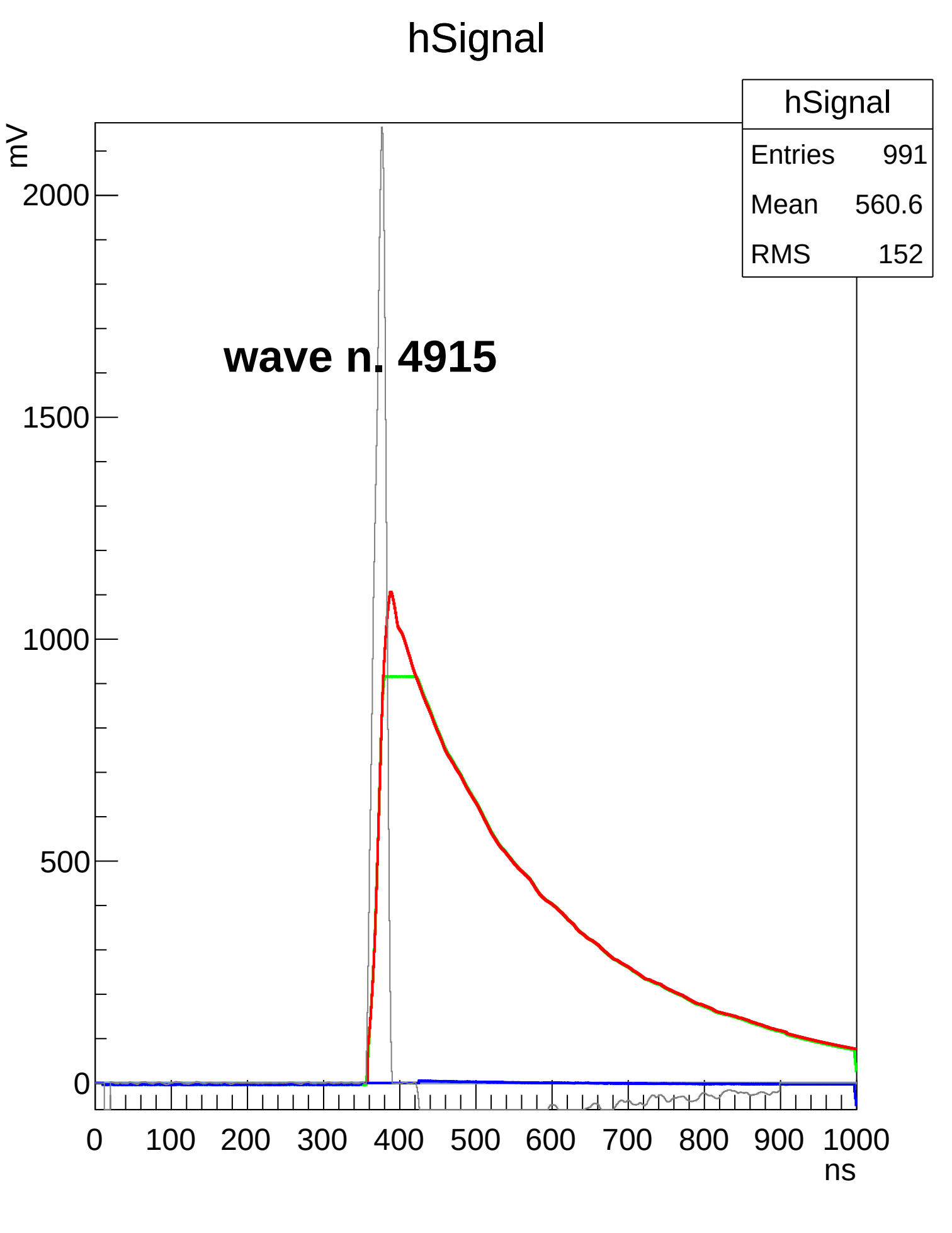
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hSignal
Entries 991
Mean 560.6
RMS 152
wave n. 4915
mV
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0
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400
500
600
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800
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1000
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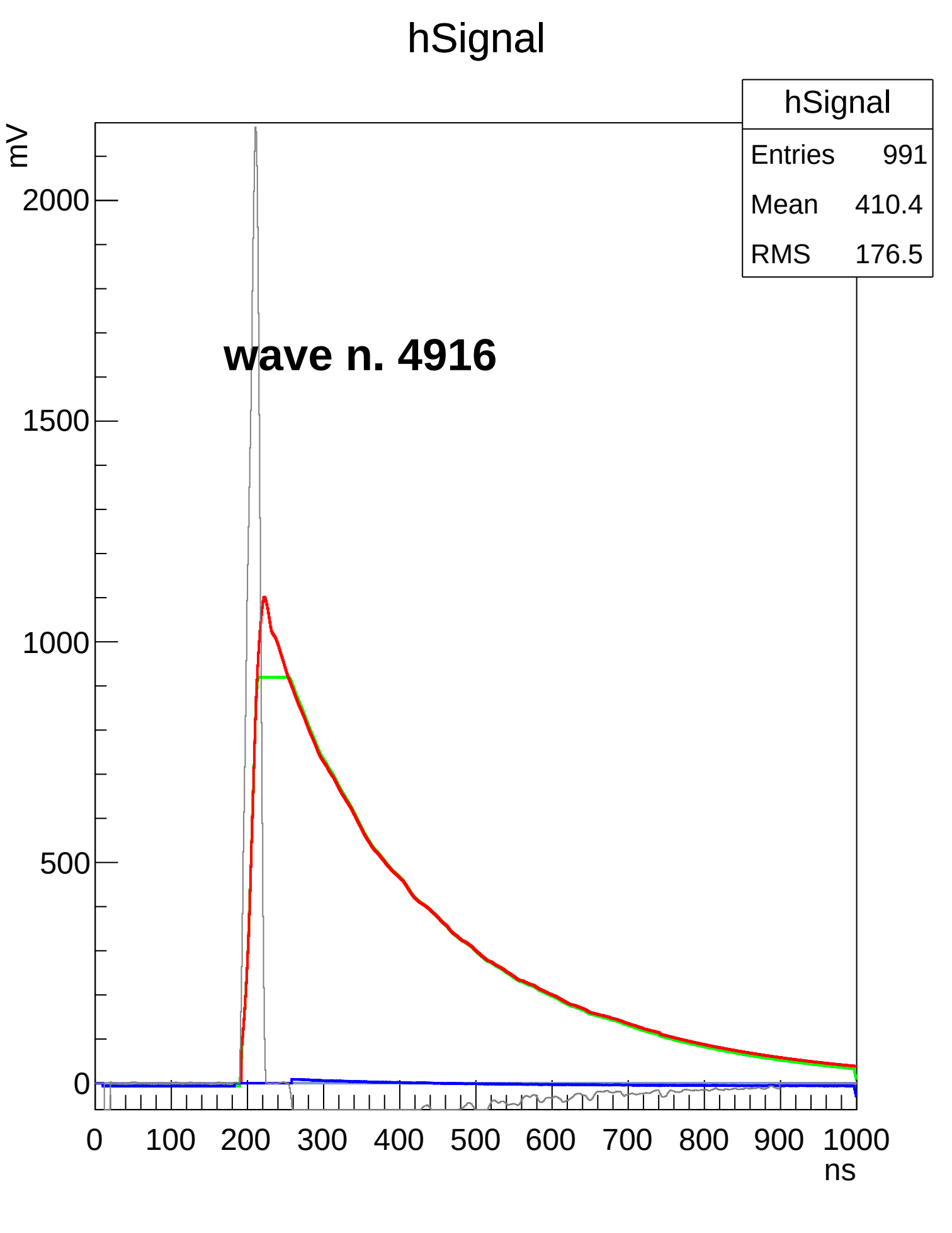
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hSignal
Entries 991
Mean 410.4
RMS 176.5
wave n. 4916
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0
100
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1000
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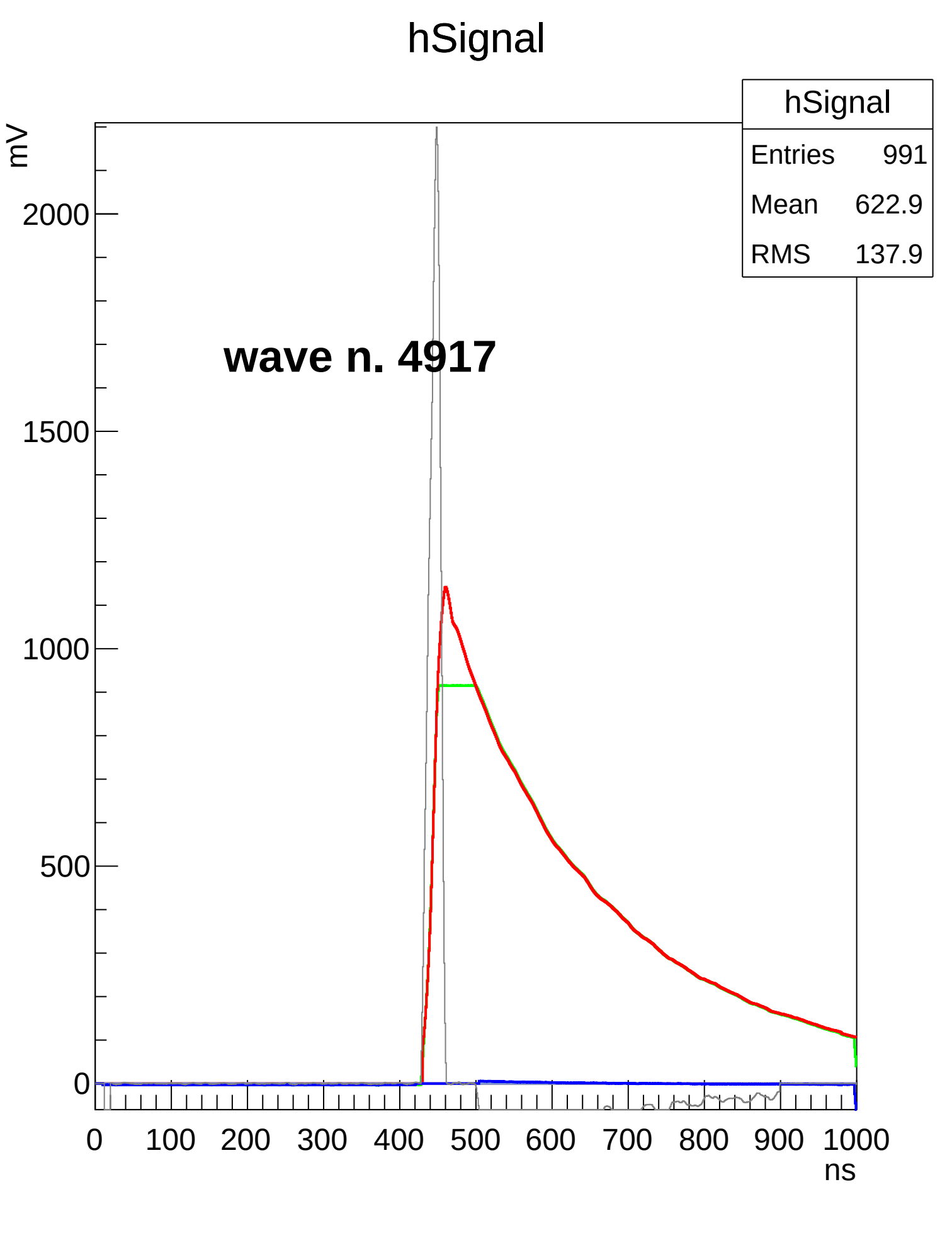
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hSignal
Entries 991
Mean 622.9
RMS 137.9
wave n. 4917
mV
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1000
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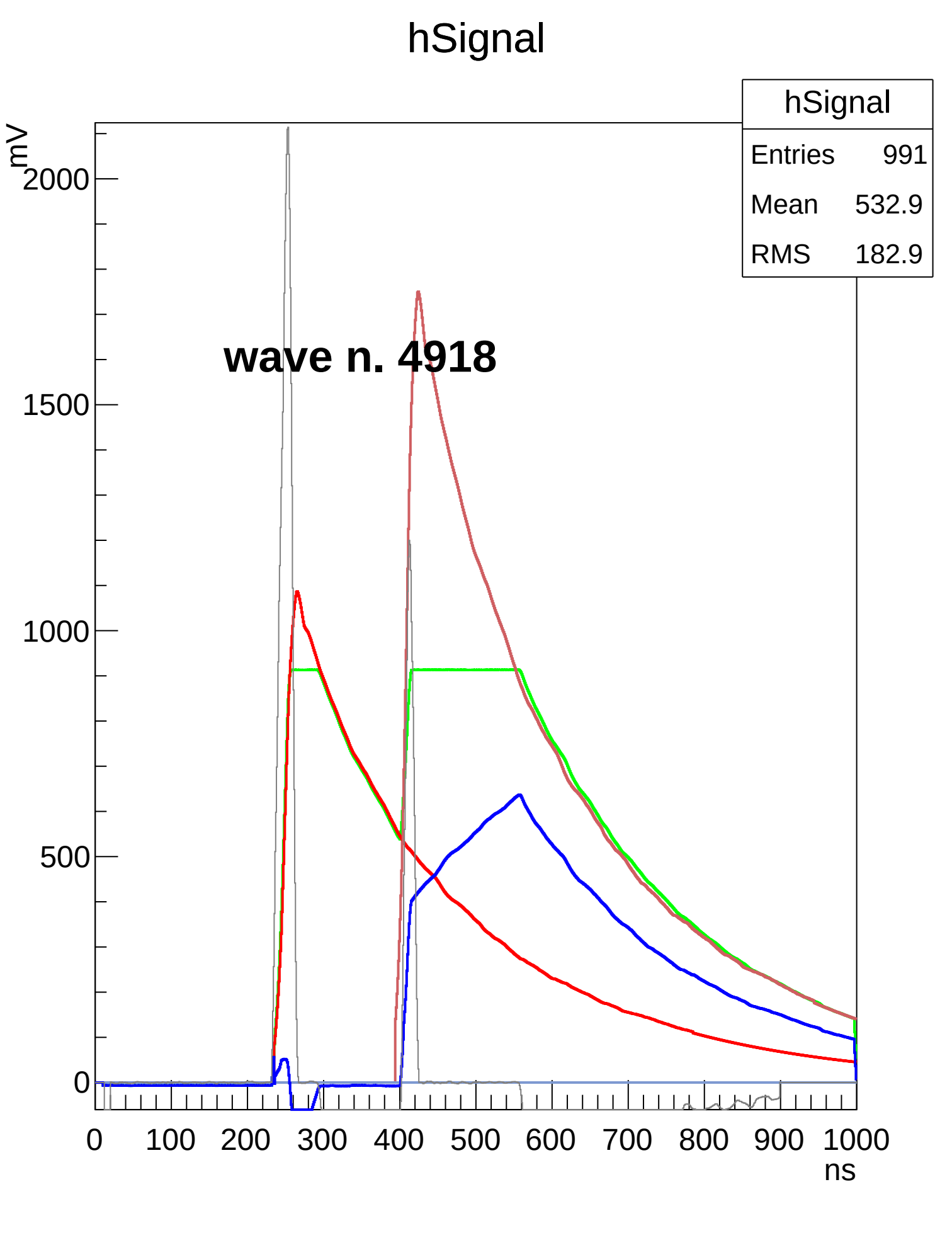
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Entries 991
Mean 532.9
RMS 182.9
wave n. 4918
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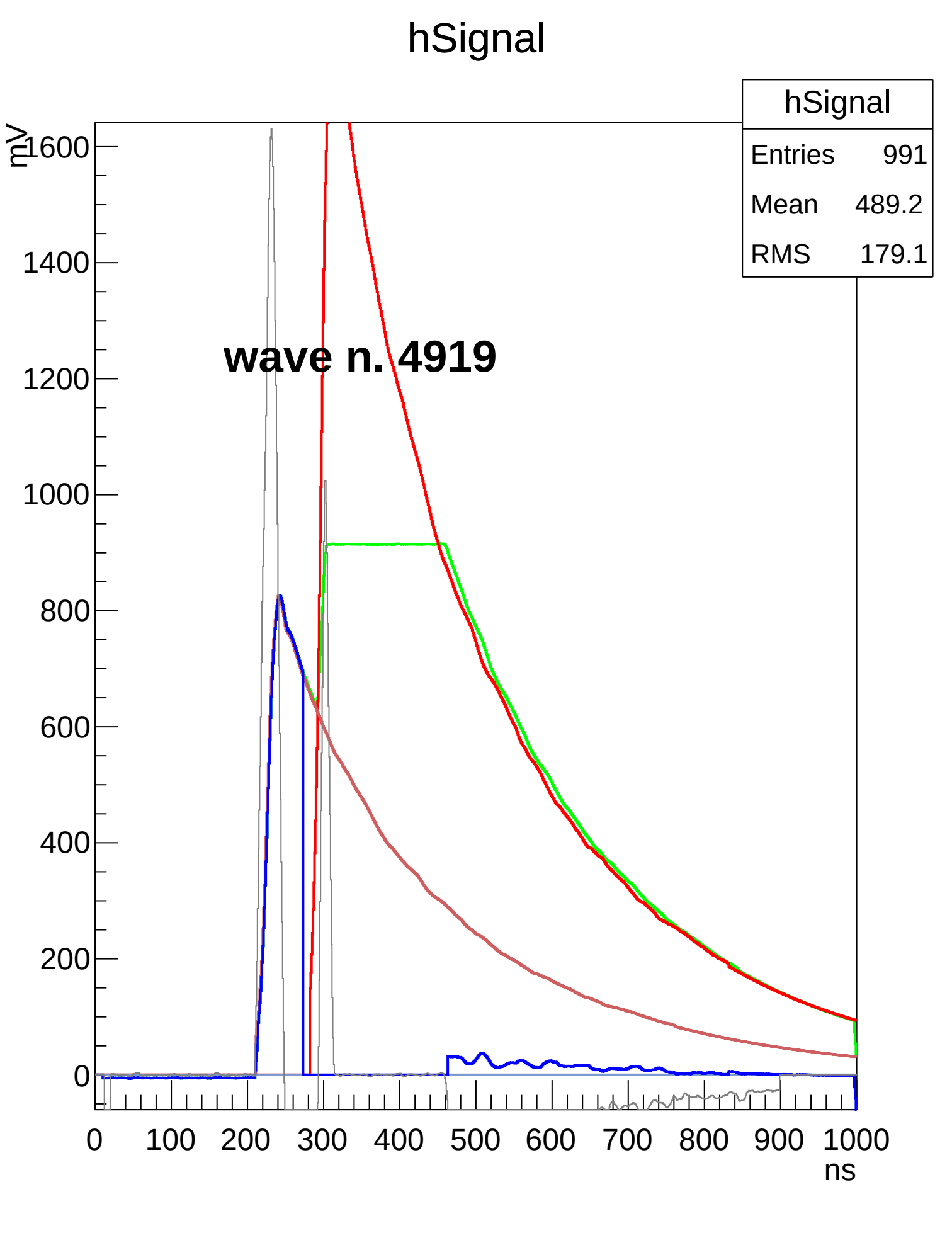
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Entries 991
Mean 489.2
RMS 179.1
wave n. 4919
mV
1600
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1000
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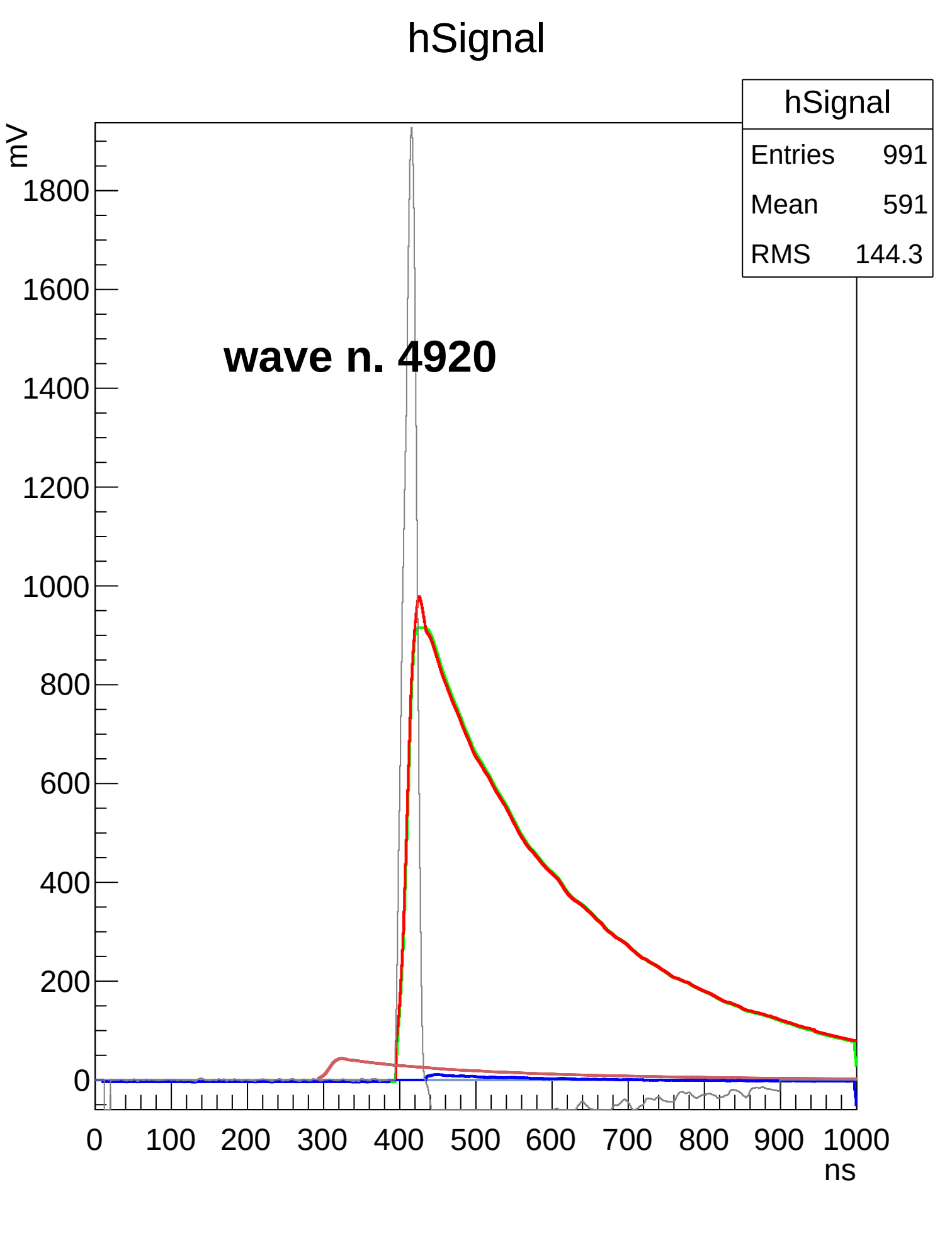
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hSignal
Entries 991
Mean 591
RMS 144.3
wave n. 4920
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1200
1000
800
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400
200
0
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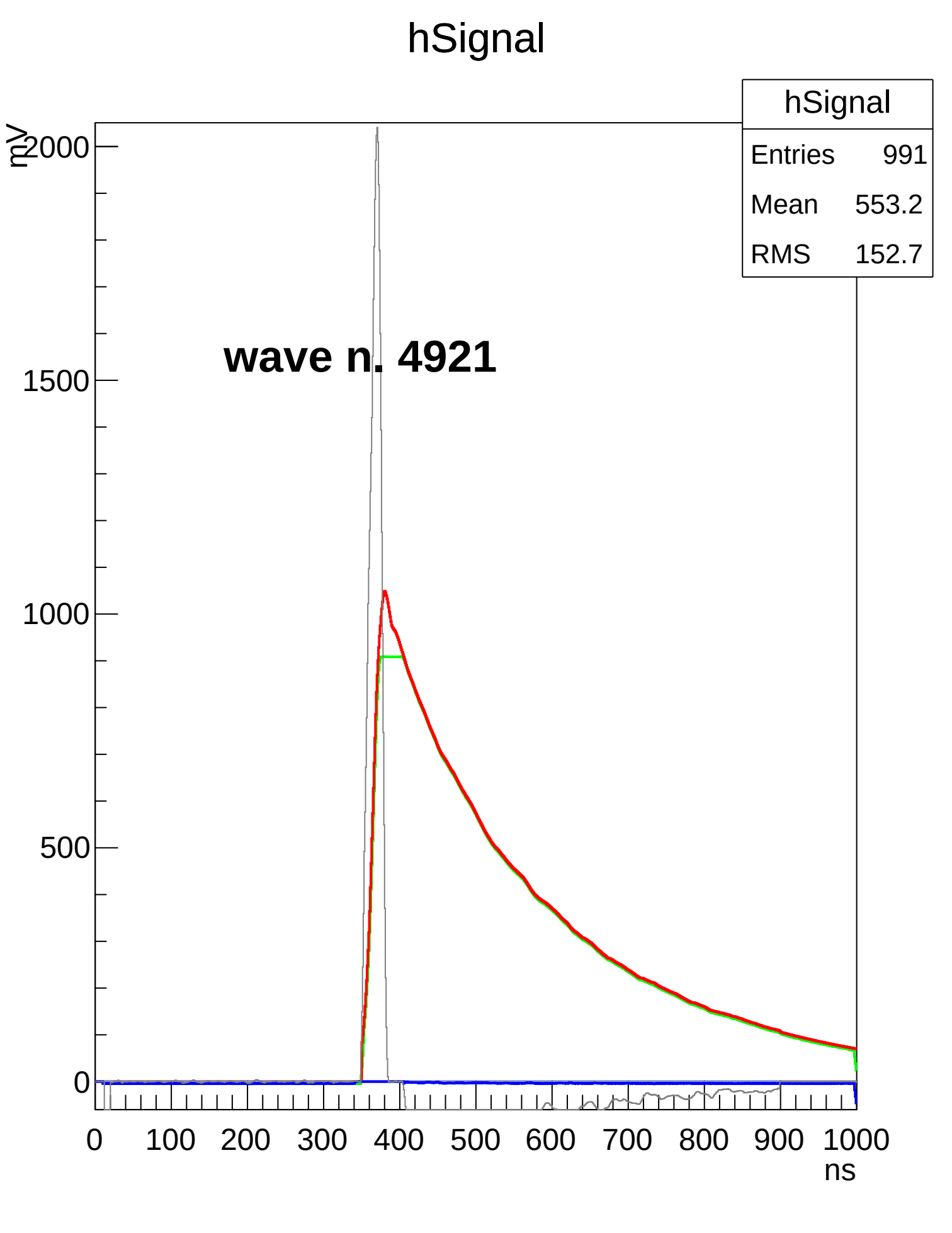
ns


hSignal
hSignal
Entries 991
Mean 553.2
RMS 152.7
wave n. 4921
mV
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1500
1000
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0
100
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400
500
600
700
800
900
1000
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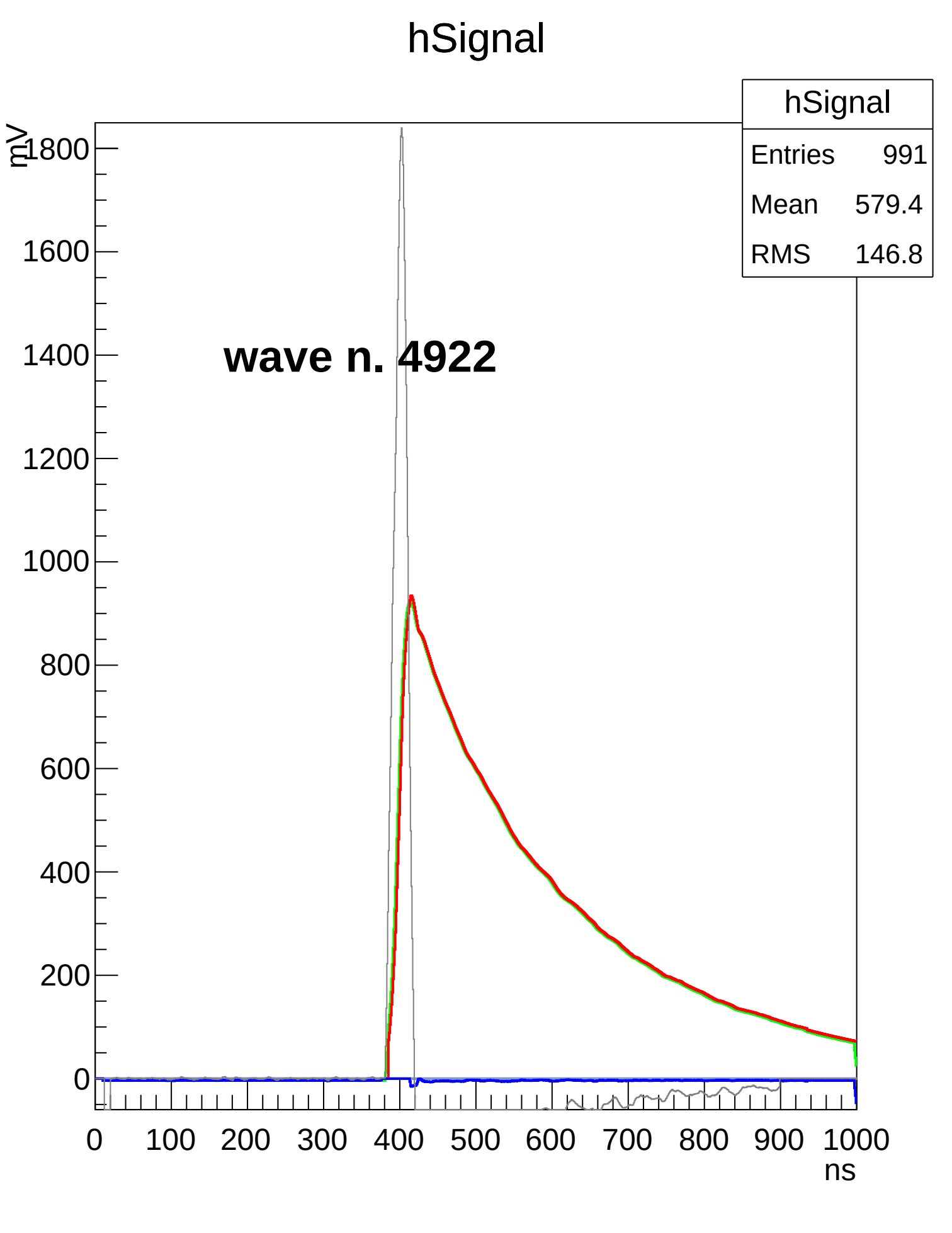
hSignal
hSignal
Entries 991
Mean 579.4
RMS 146.8
wave n. 4922
mV
1800
1600
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200
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0
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400
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1000
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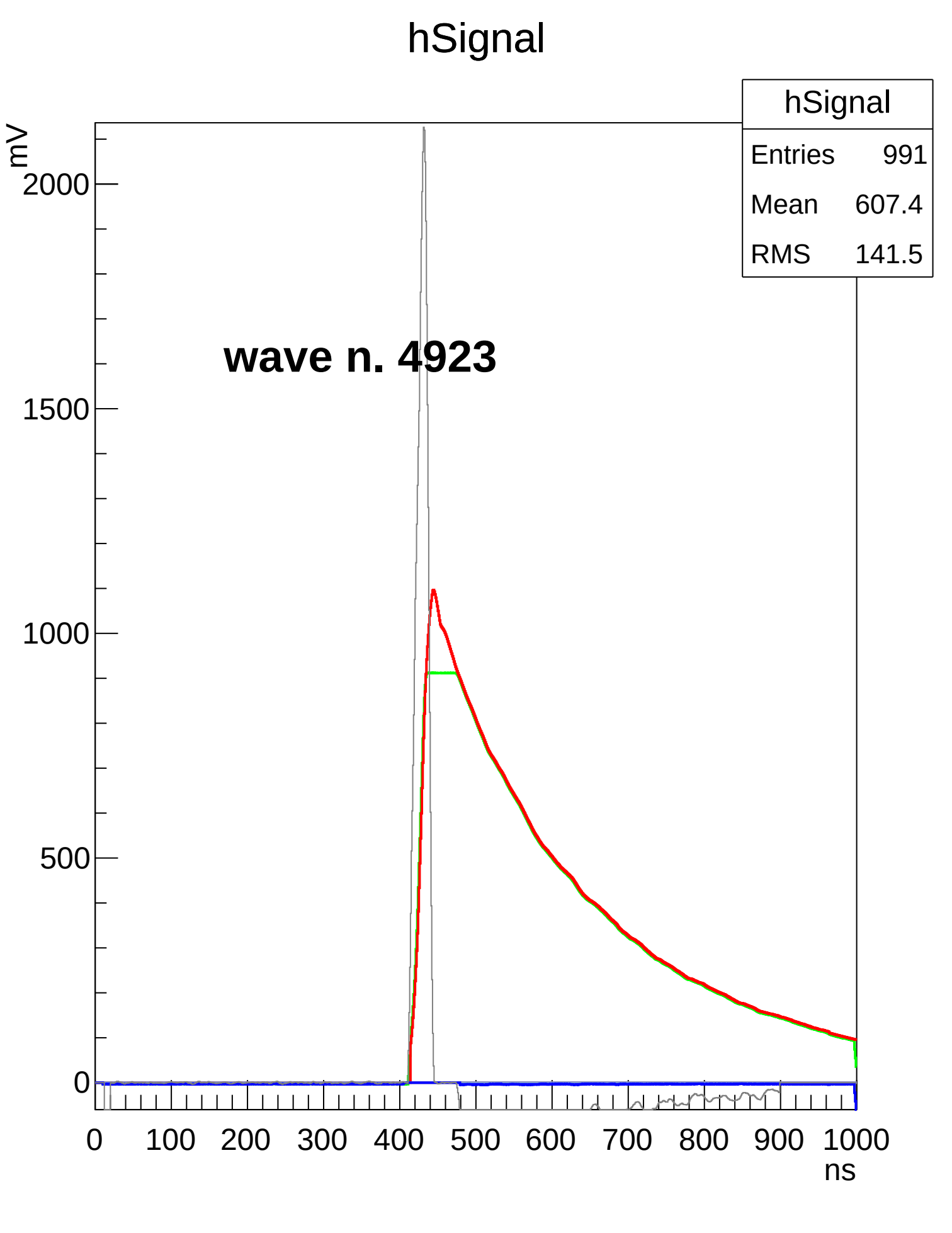
hSignal
hSignal
Entries 991
Mean 607.4
RMS 141.5
wave n. 4923
mV
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1500
1000
500
0
0
100
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400
500
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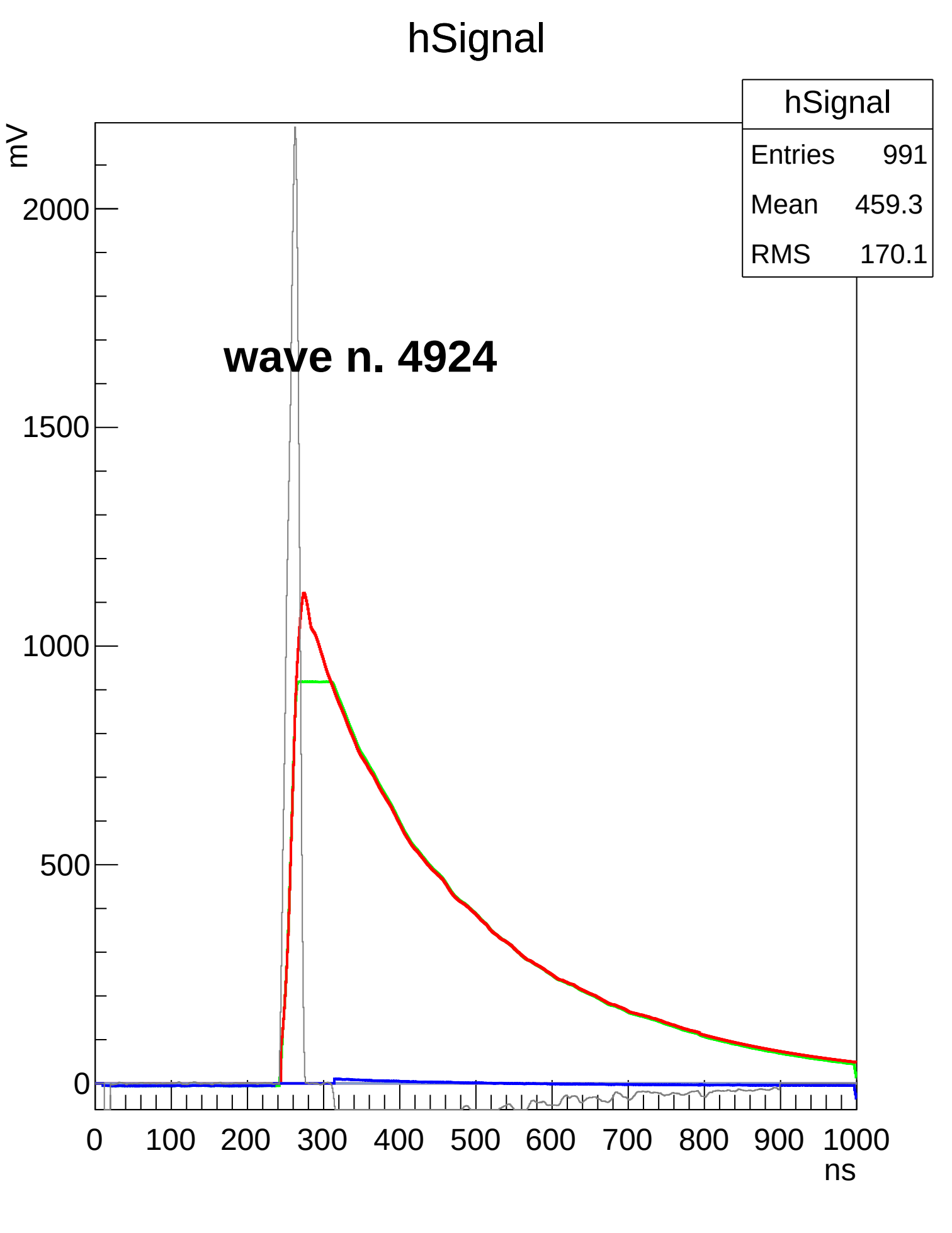
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 459.3
RMS 170.1
wave n. 4924
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1000
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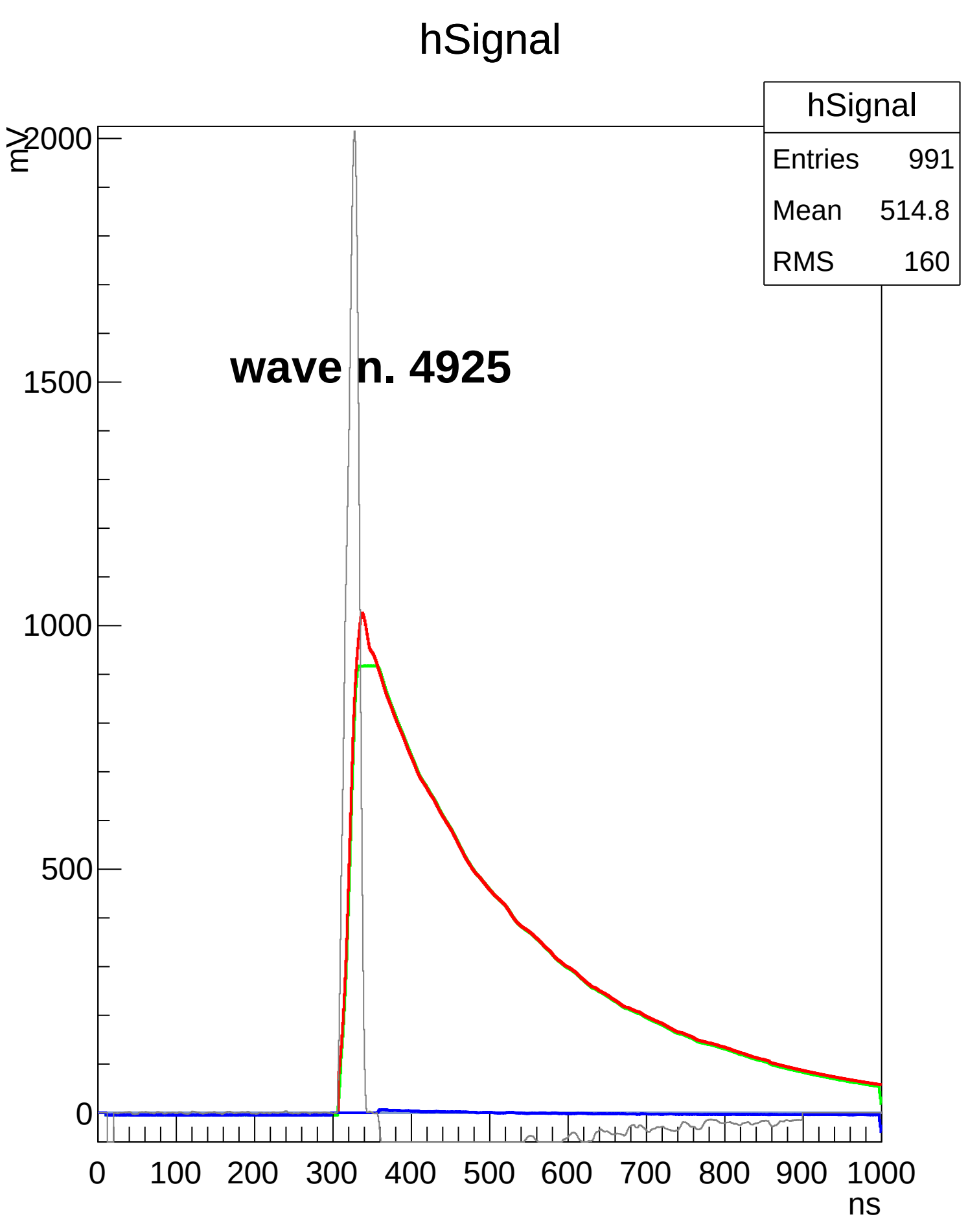
hSignal
hSignal
Entries 991
Mean 514.8
RMS 160
wave n. 4925
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800
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1000
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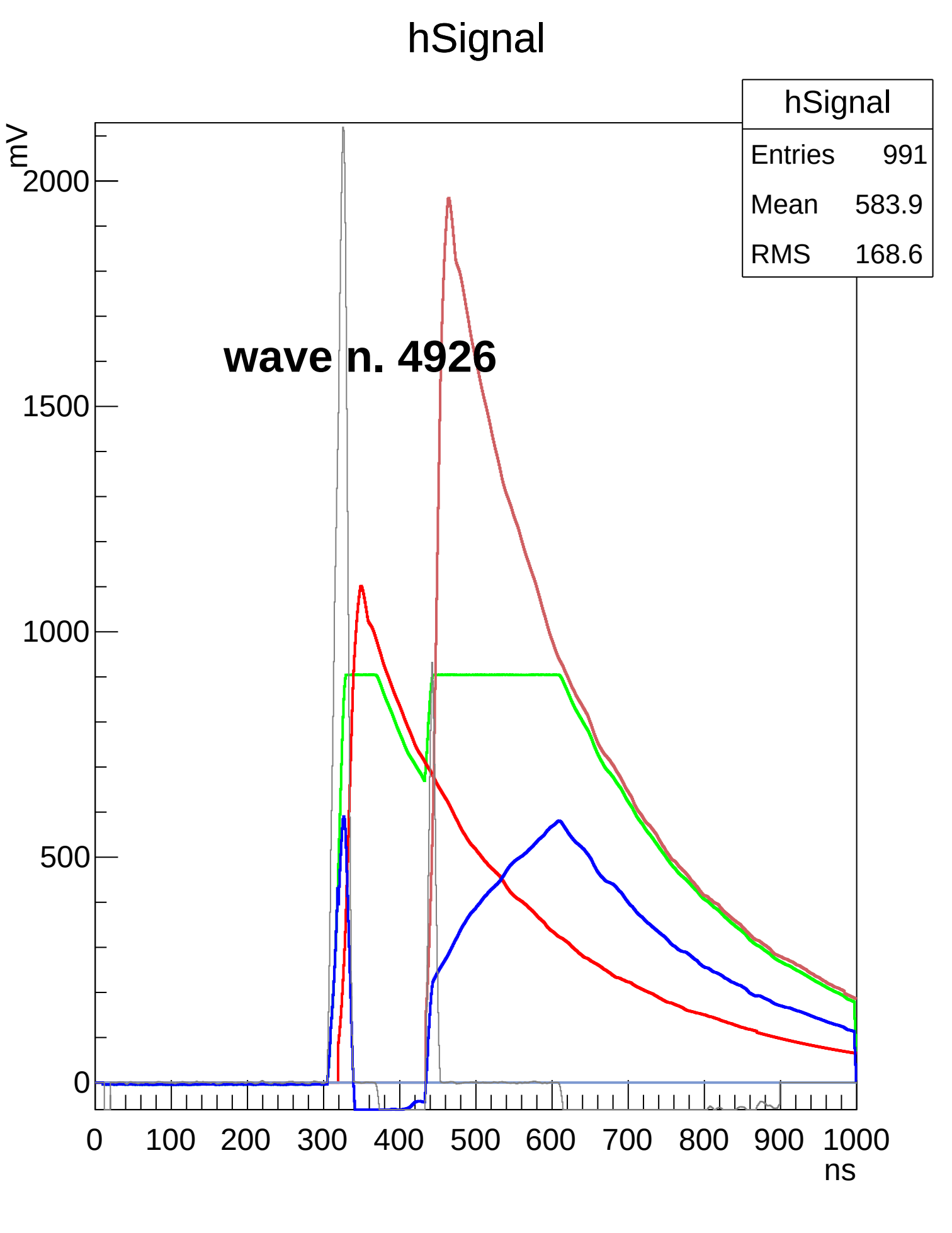
hSignal
hSignal
Entries 991
Mean 583.9
RMS 168.6
wave n. 4926
mV
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1000
500
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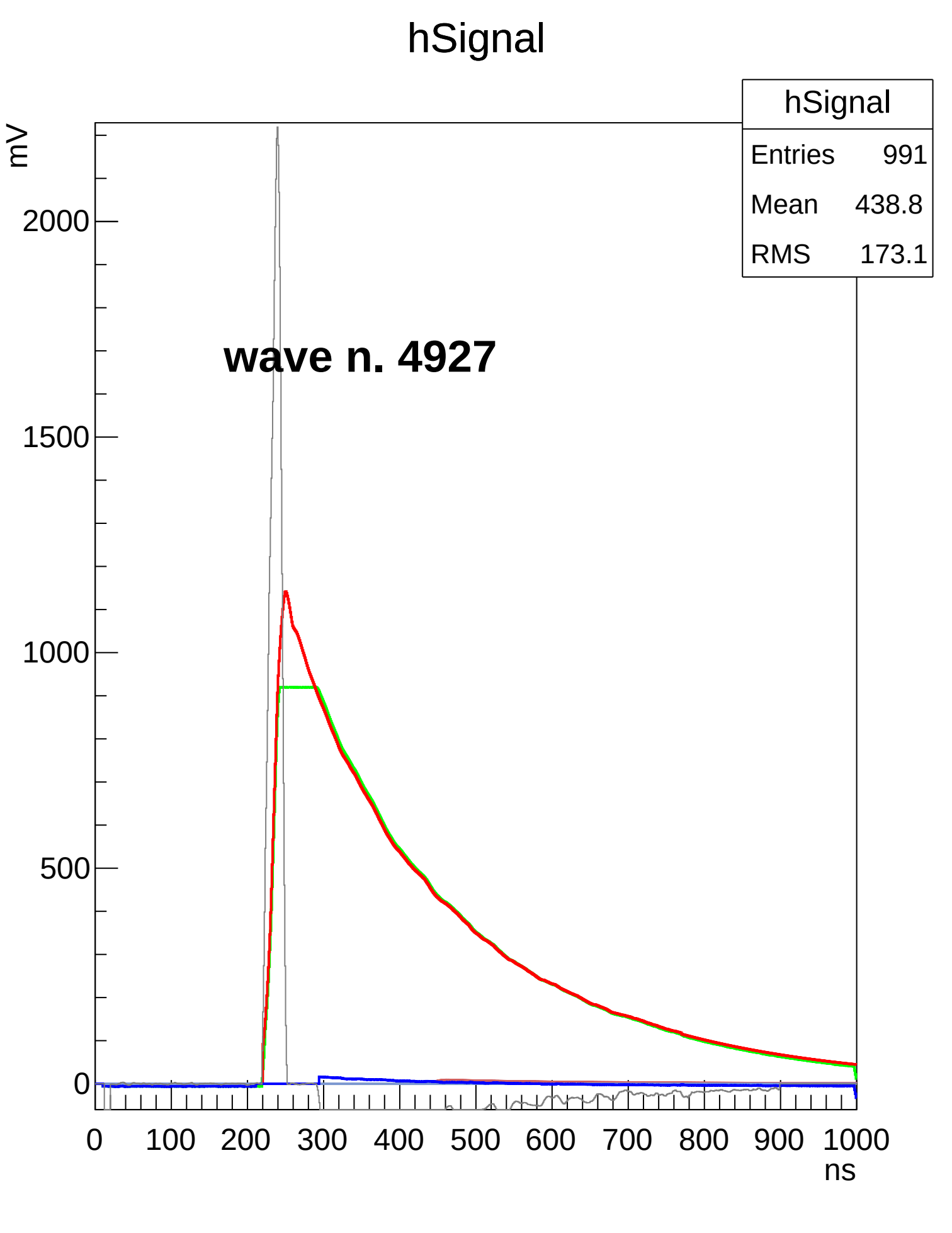
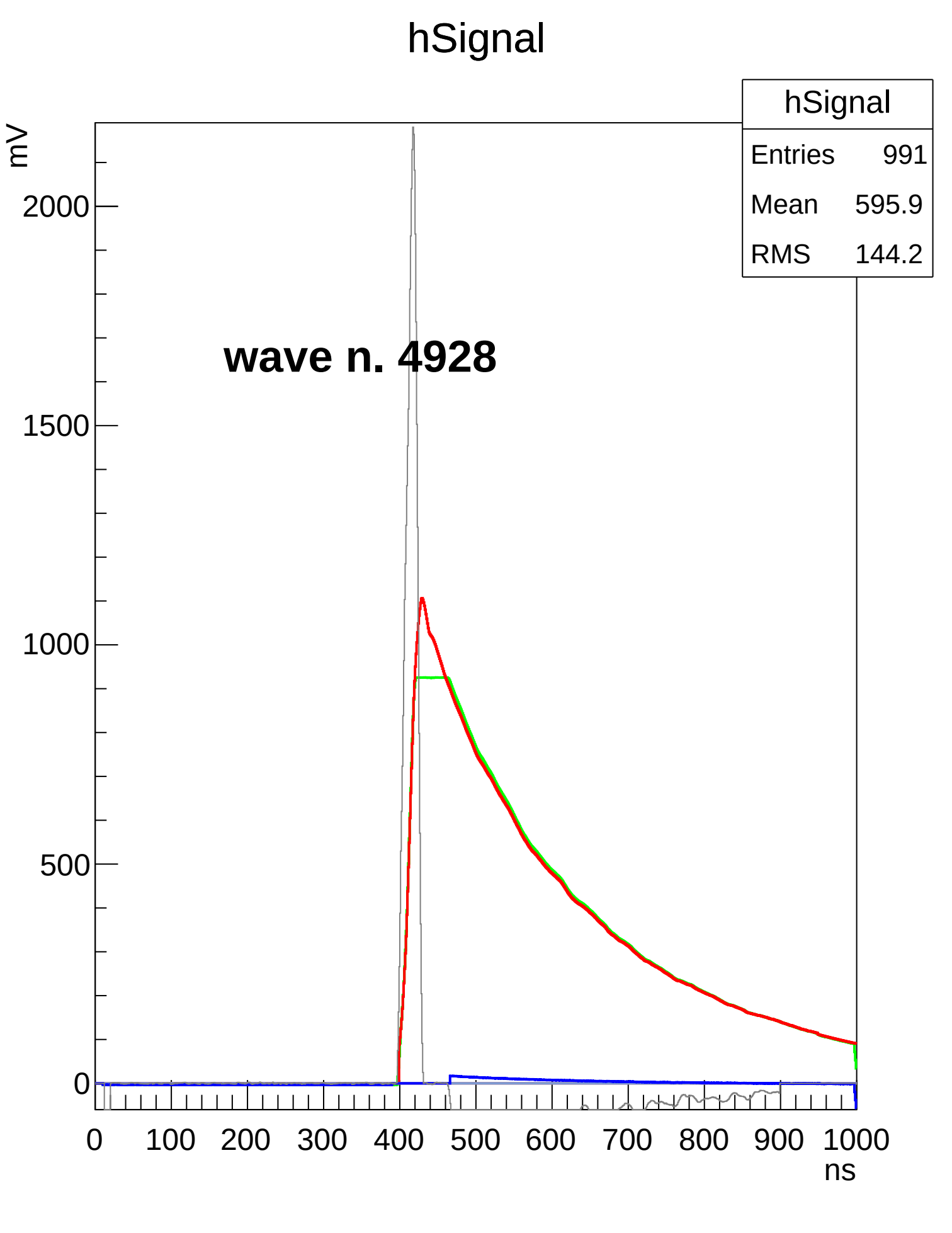
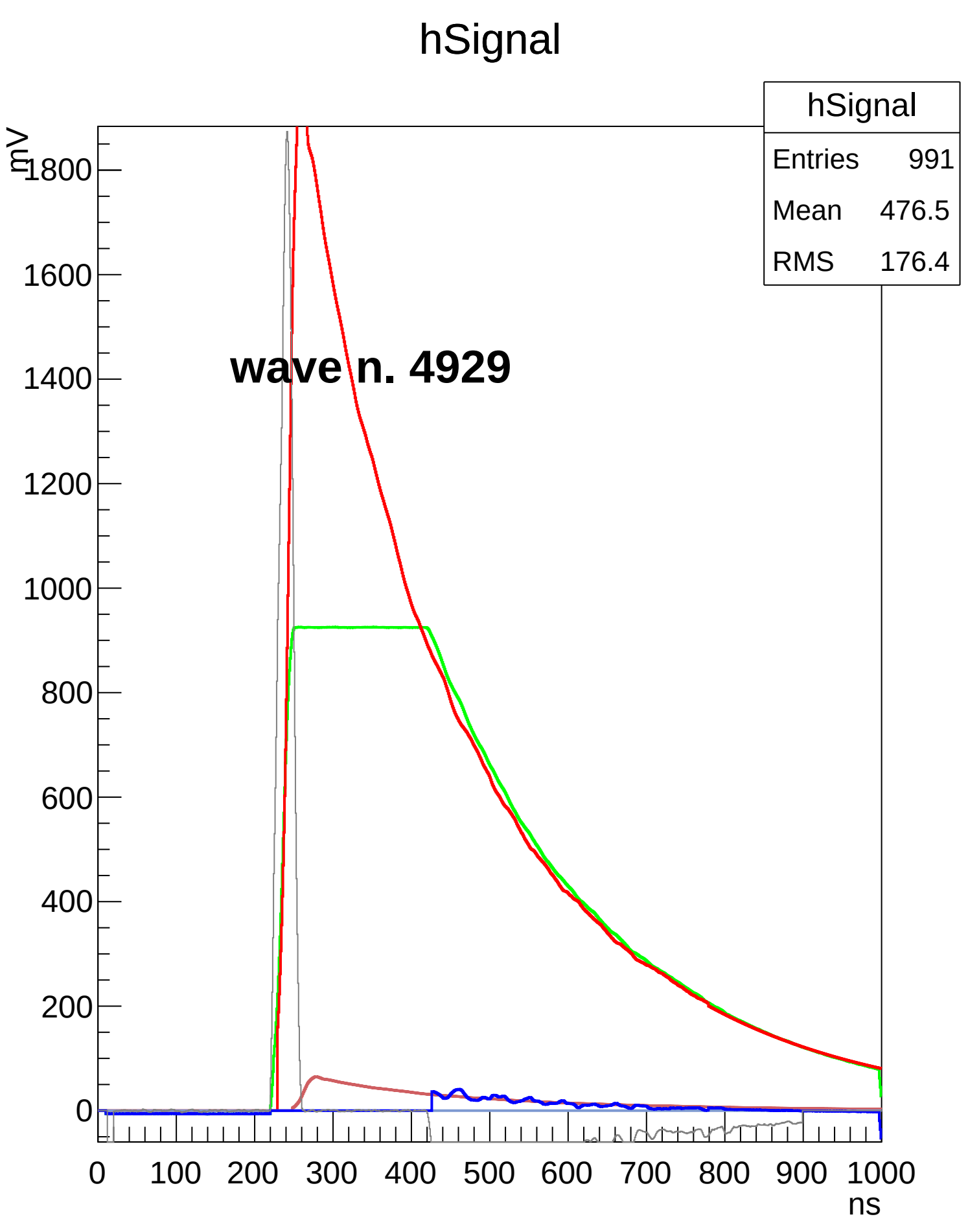
ns


hSignal
hSignal
Entries 991
Mean 438.8
RMS 173.1
wave n. 4927
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 595.9
RMS 144.2
wave n. 4928
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 476.5
RMS 176.4
wave n. 4929
mV
1800
1600
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600
400
200
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400
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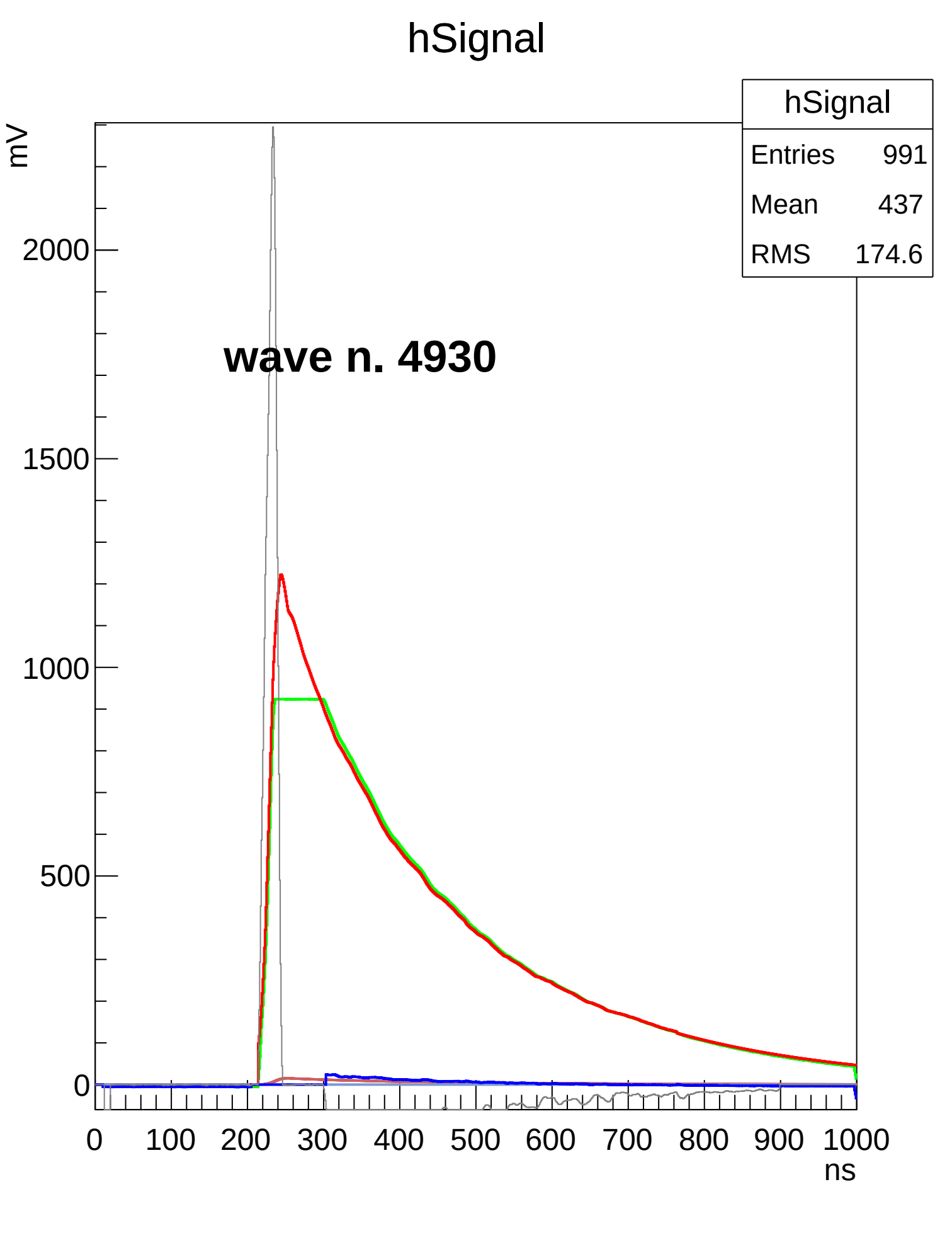
800
900
1000
ns


hSignal
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Entries 991
Mean 437
RMS 174.6
wave n. 4930
mV
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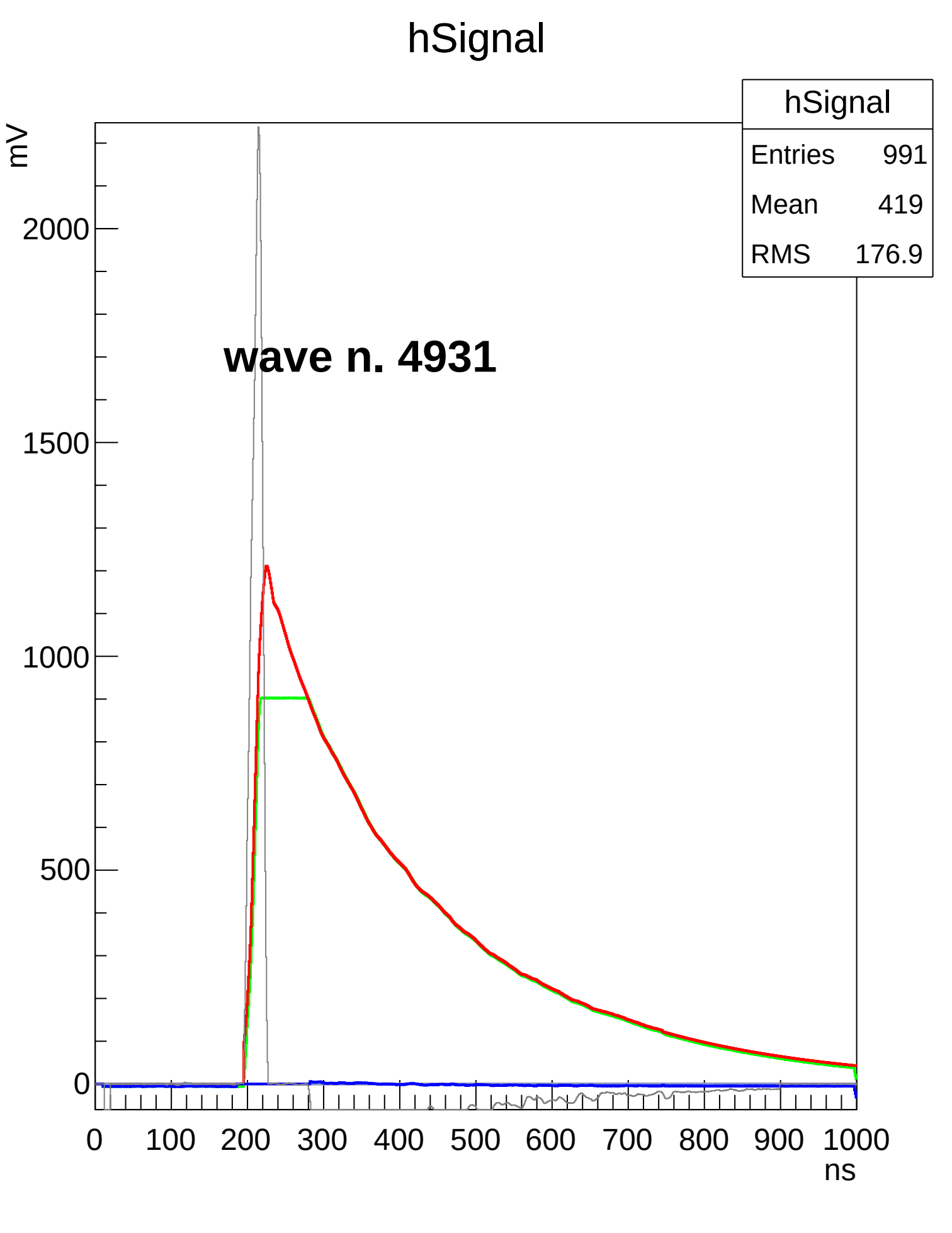
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 419
RMS 176.9
wave n. 4931
mV
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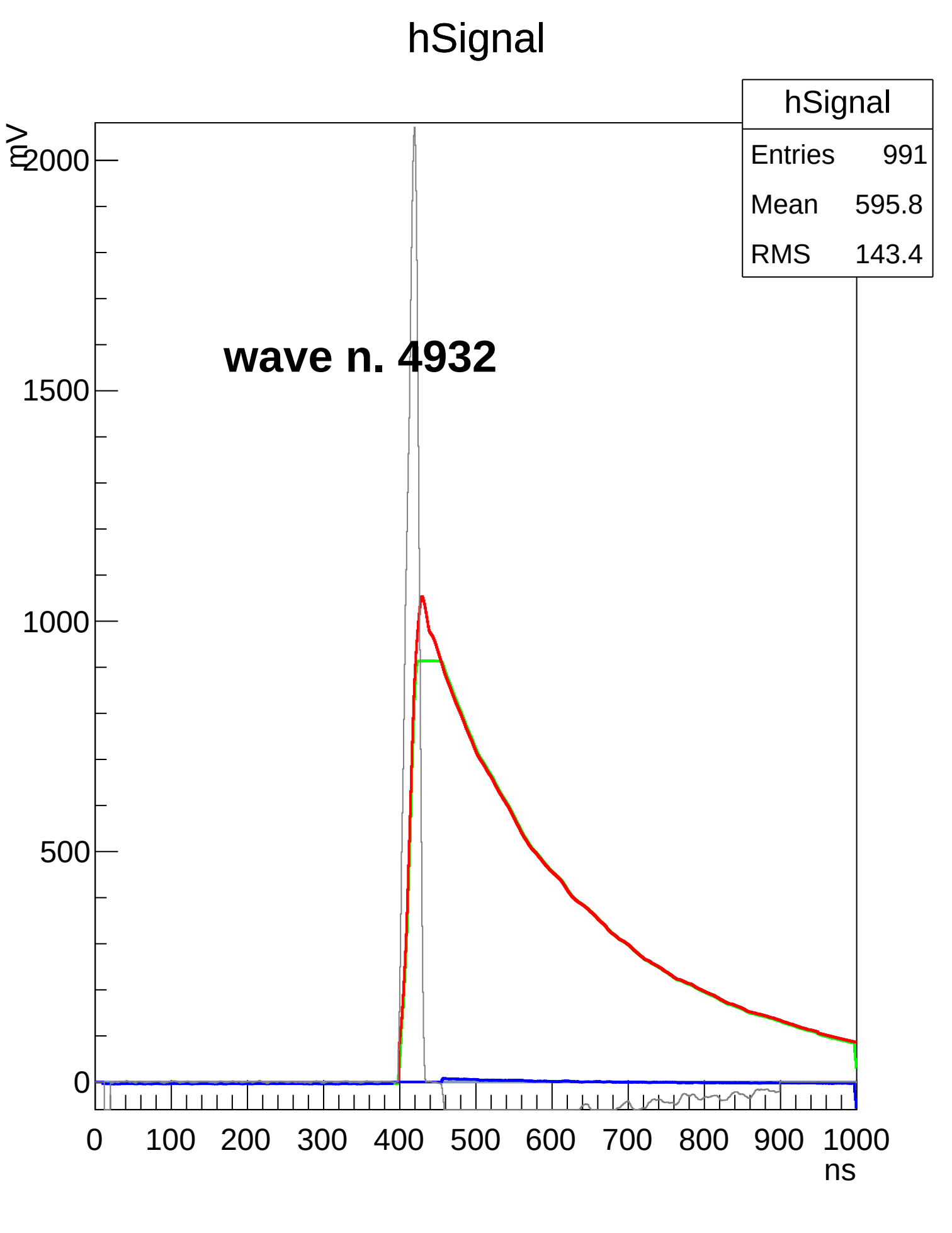
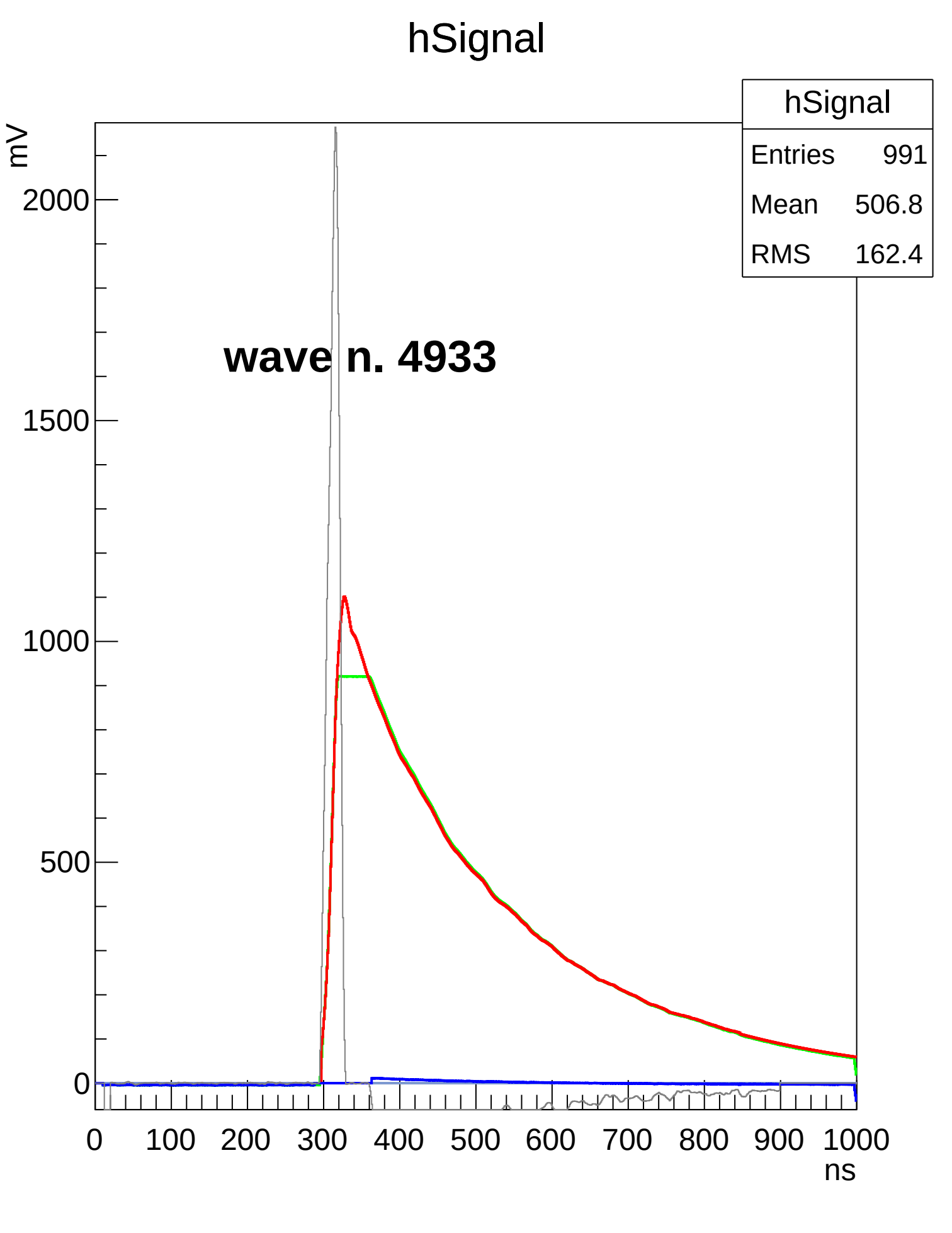
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 595.8
RMS 143.4
wave n. 4932
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506.8
RMS 162.4
wave n. 4933
mV
2000
1500
1000
500
0
0
100
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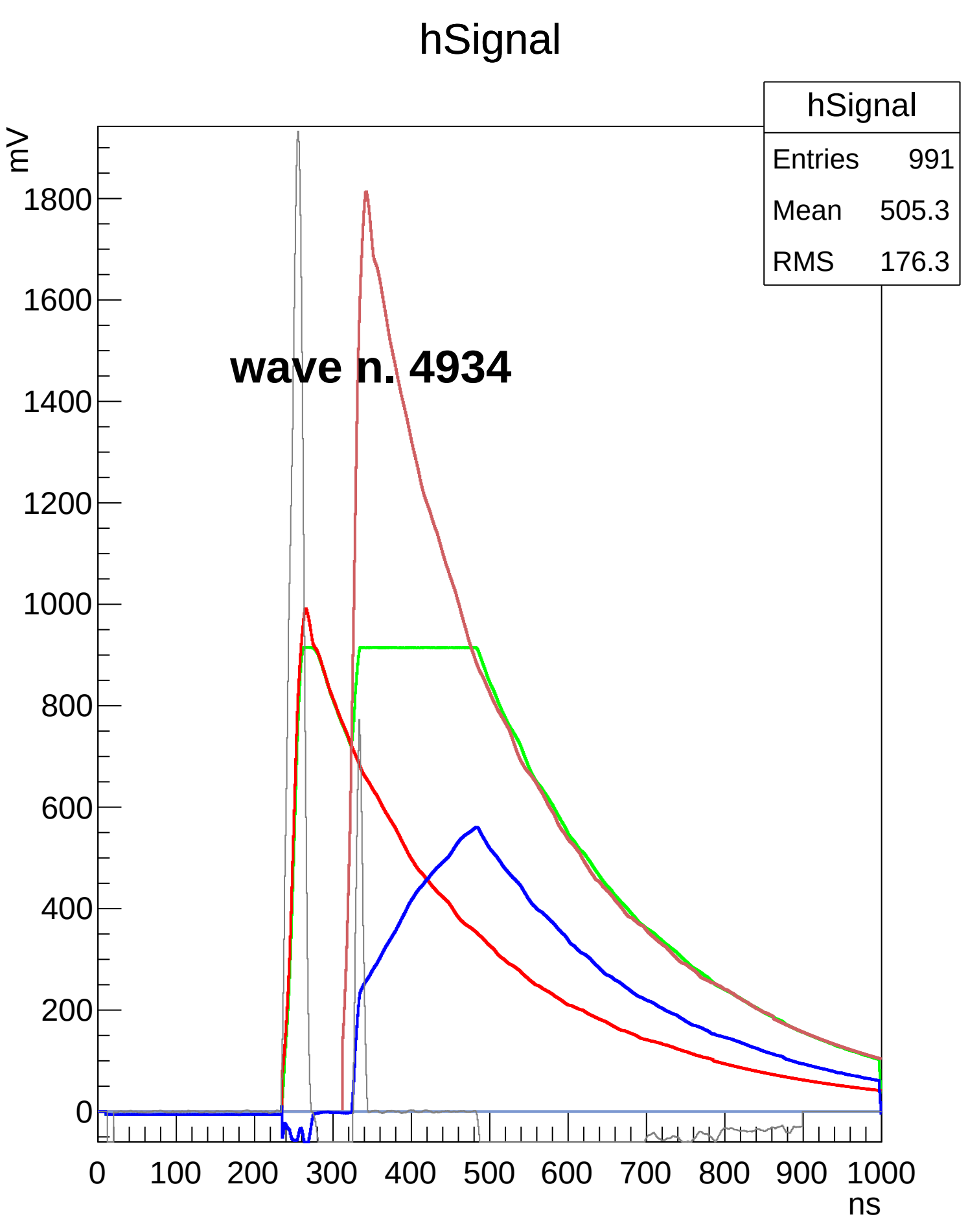
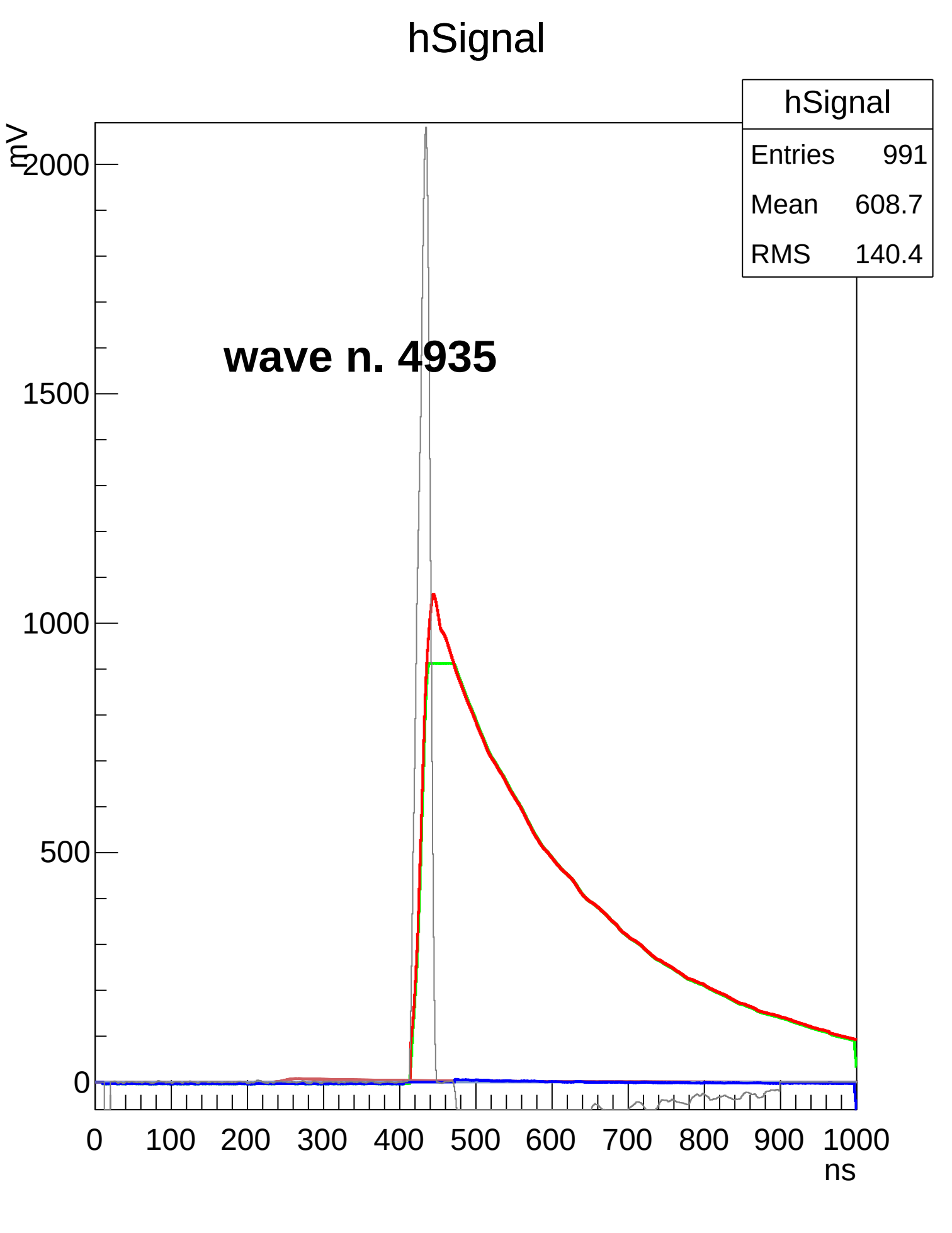
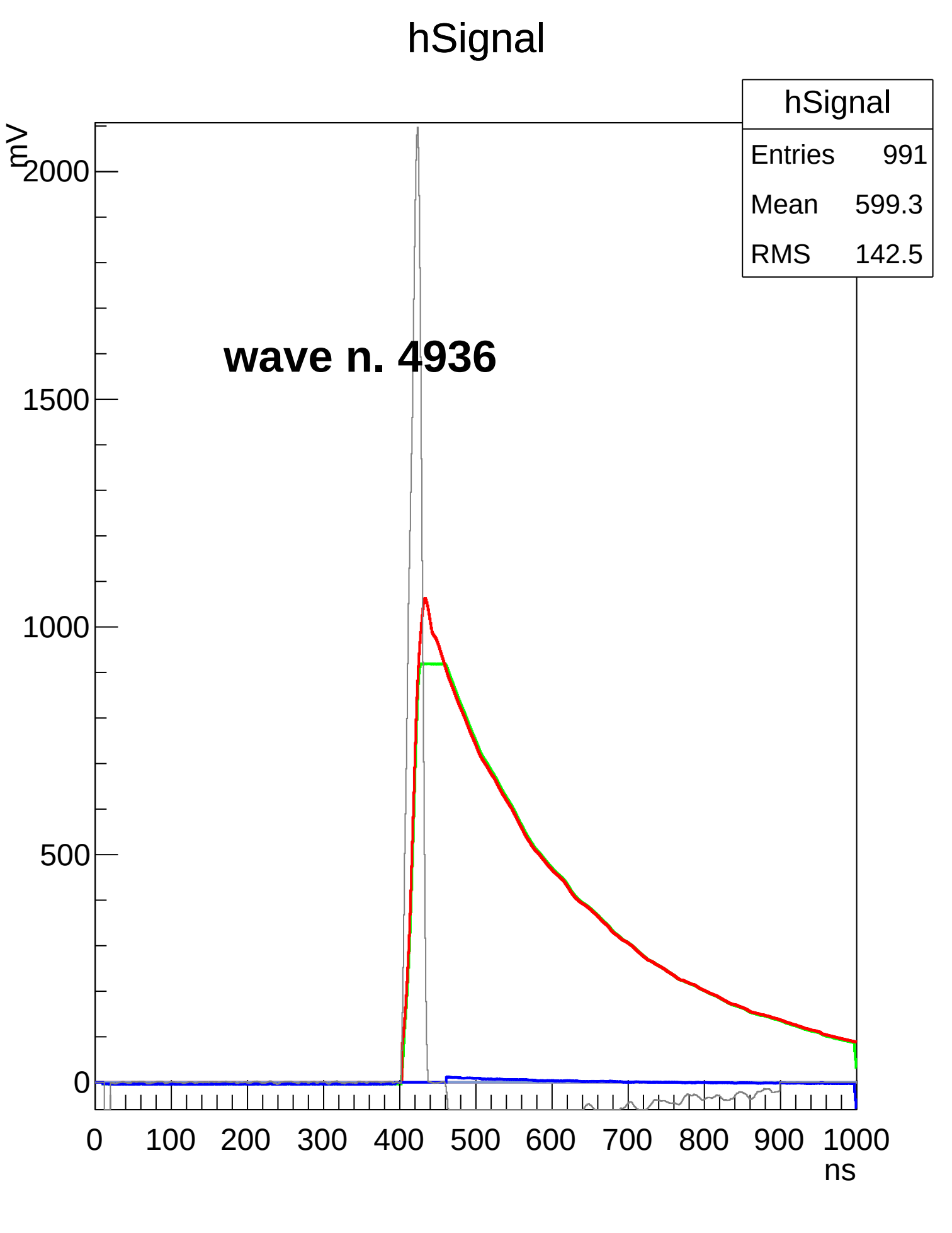
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.3
RMS 176.3
wave n. 4934
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 608.7
RMS 140.4
wave n. 4935
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 599.3
RMS 142.5
wave n. 4936
mV
2000
1500
1000
500
0
0
100
200
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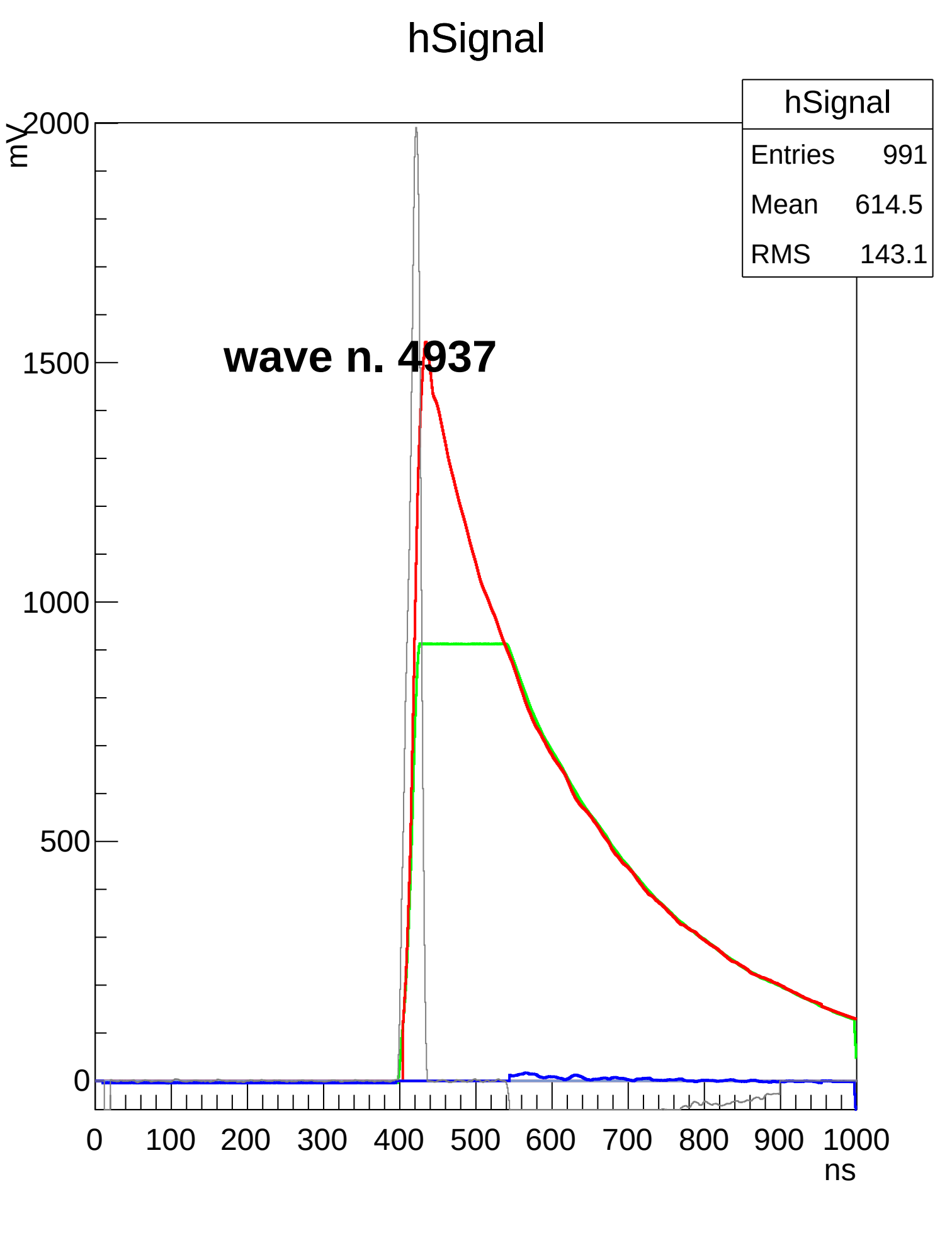
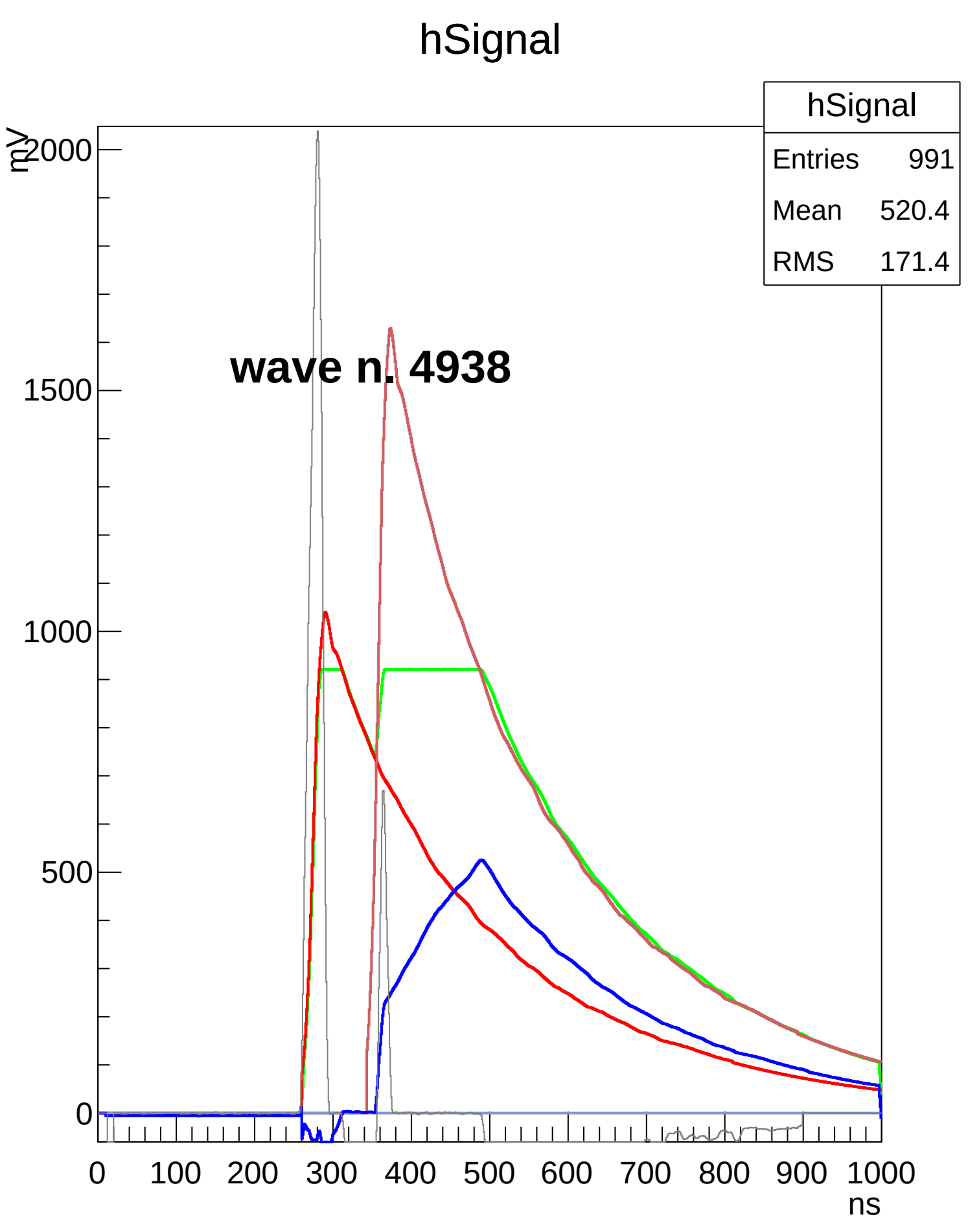
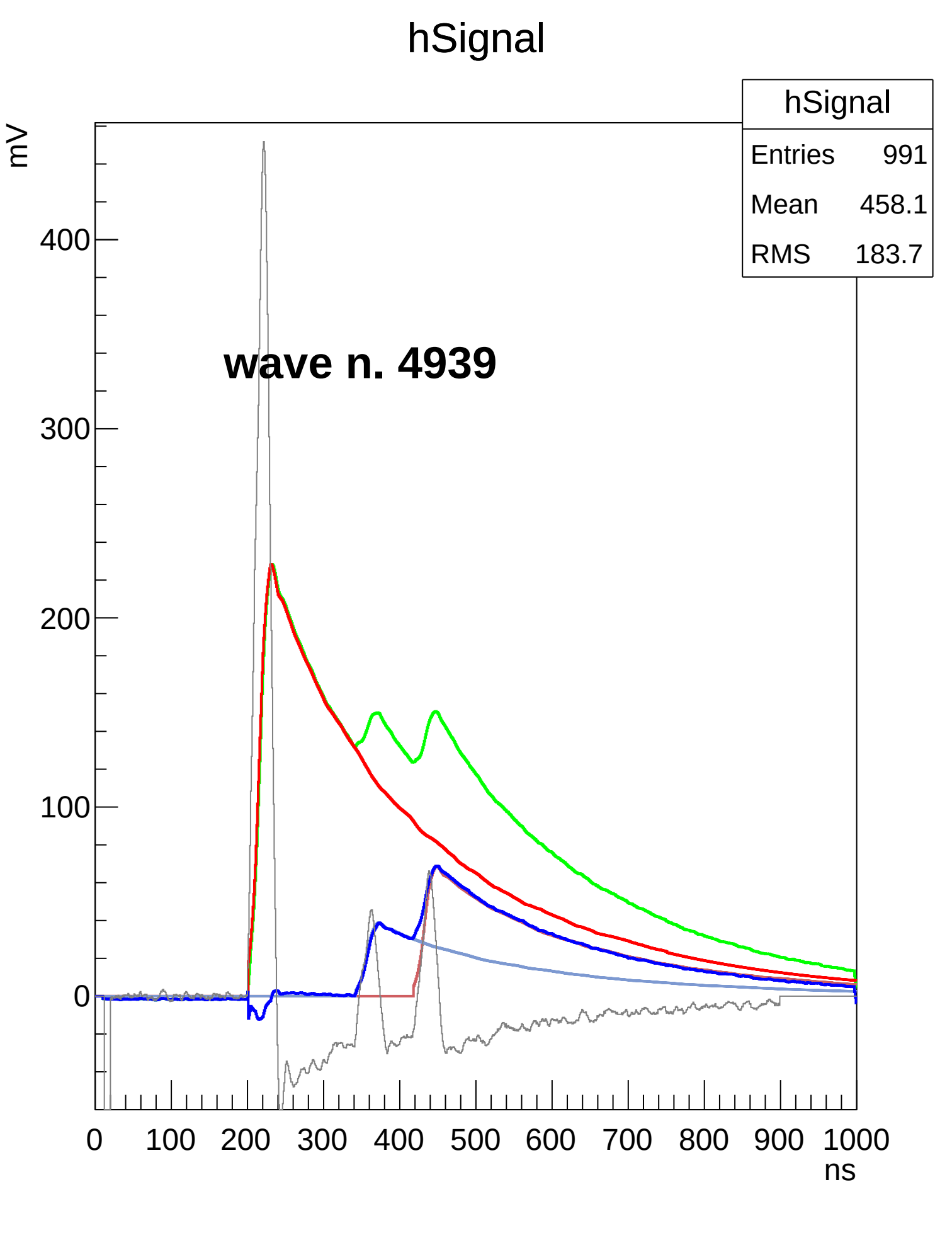
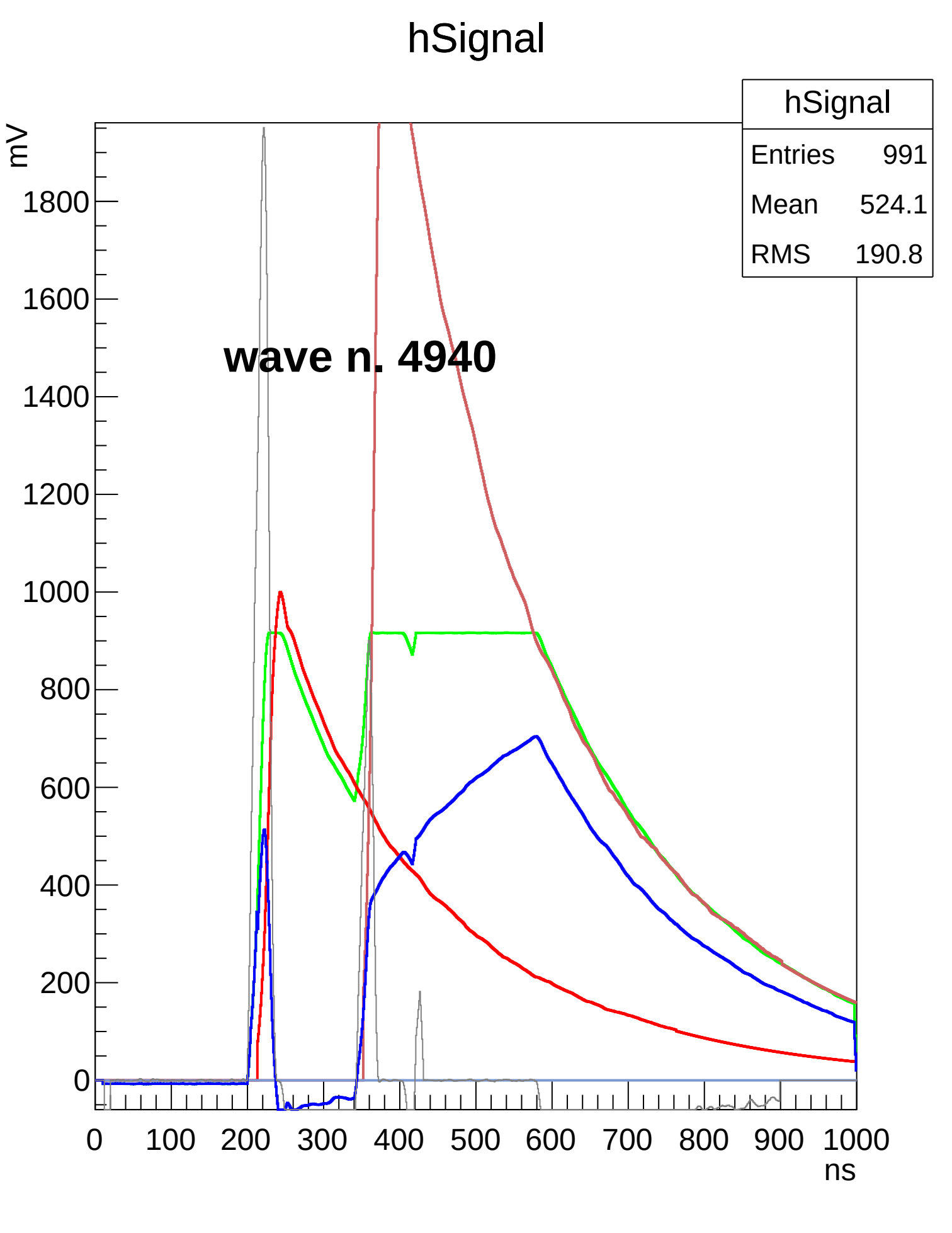
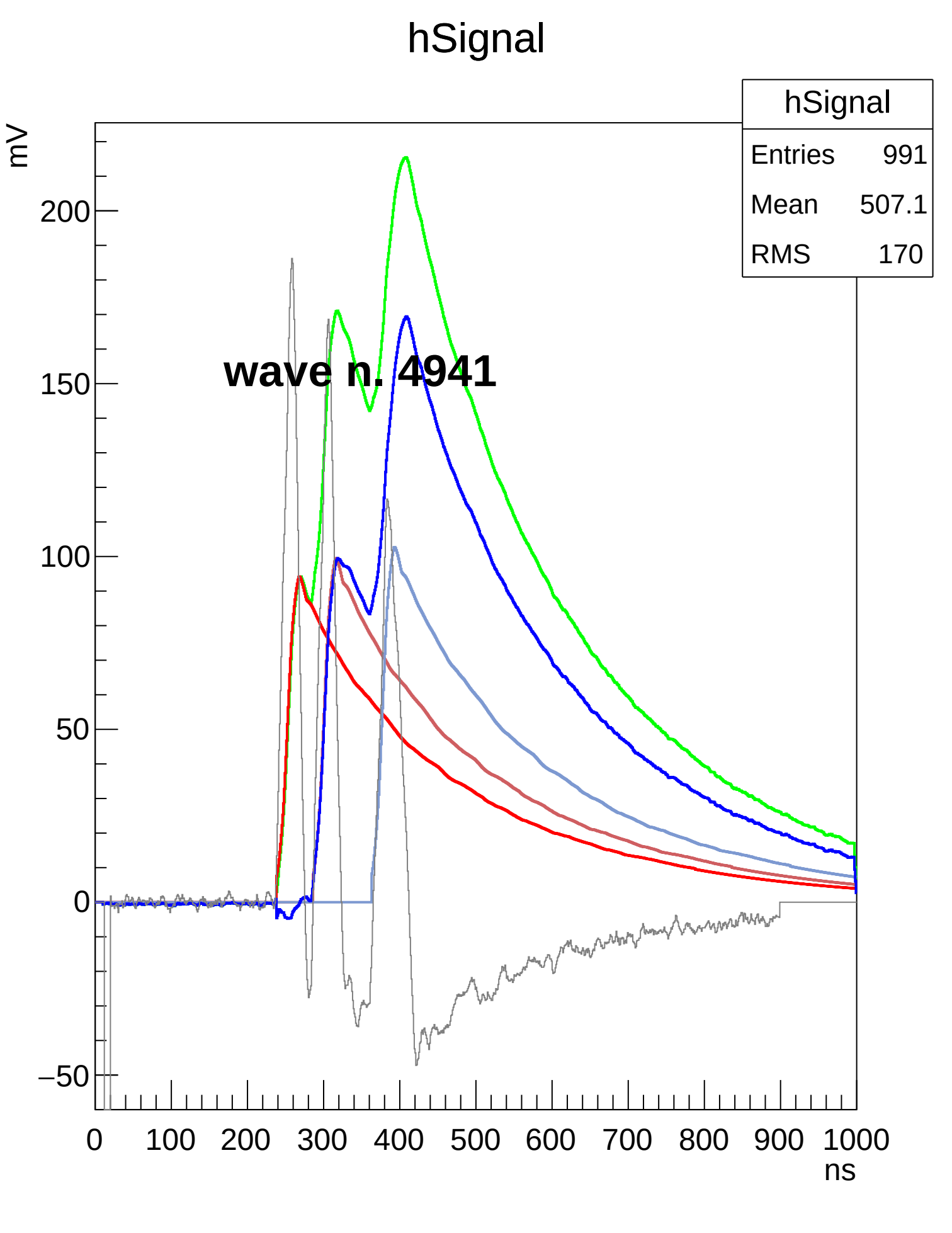
400
500
600
700
800
900
1000
ns

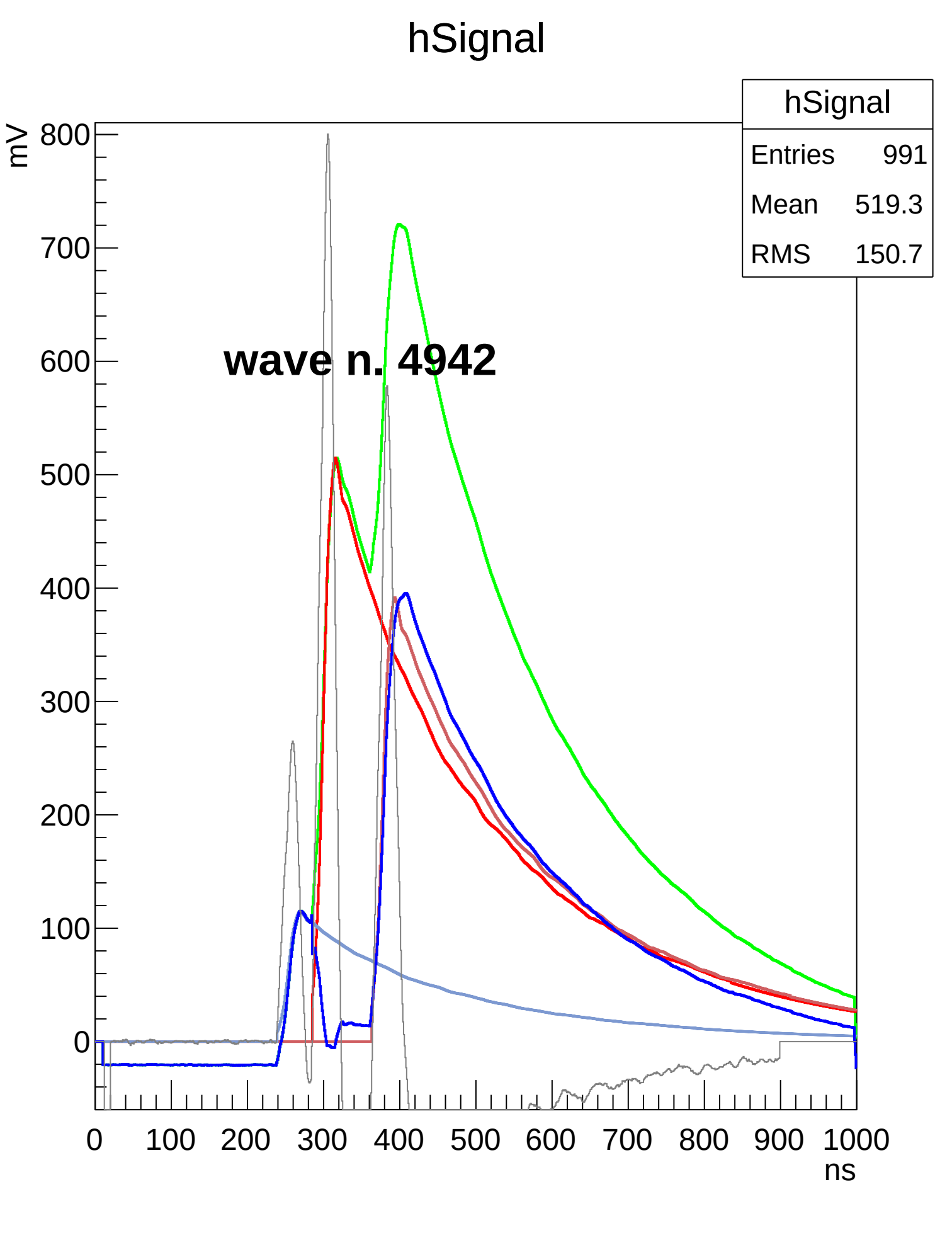

hSignal
hSignal
Entries 991
Mean 614.5
RMS 143.1
wave n. 4937
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

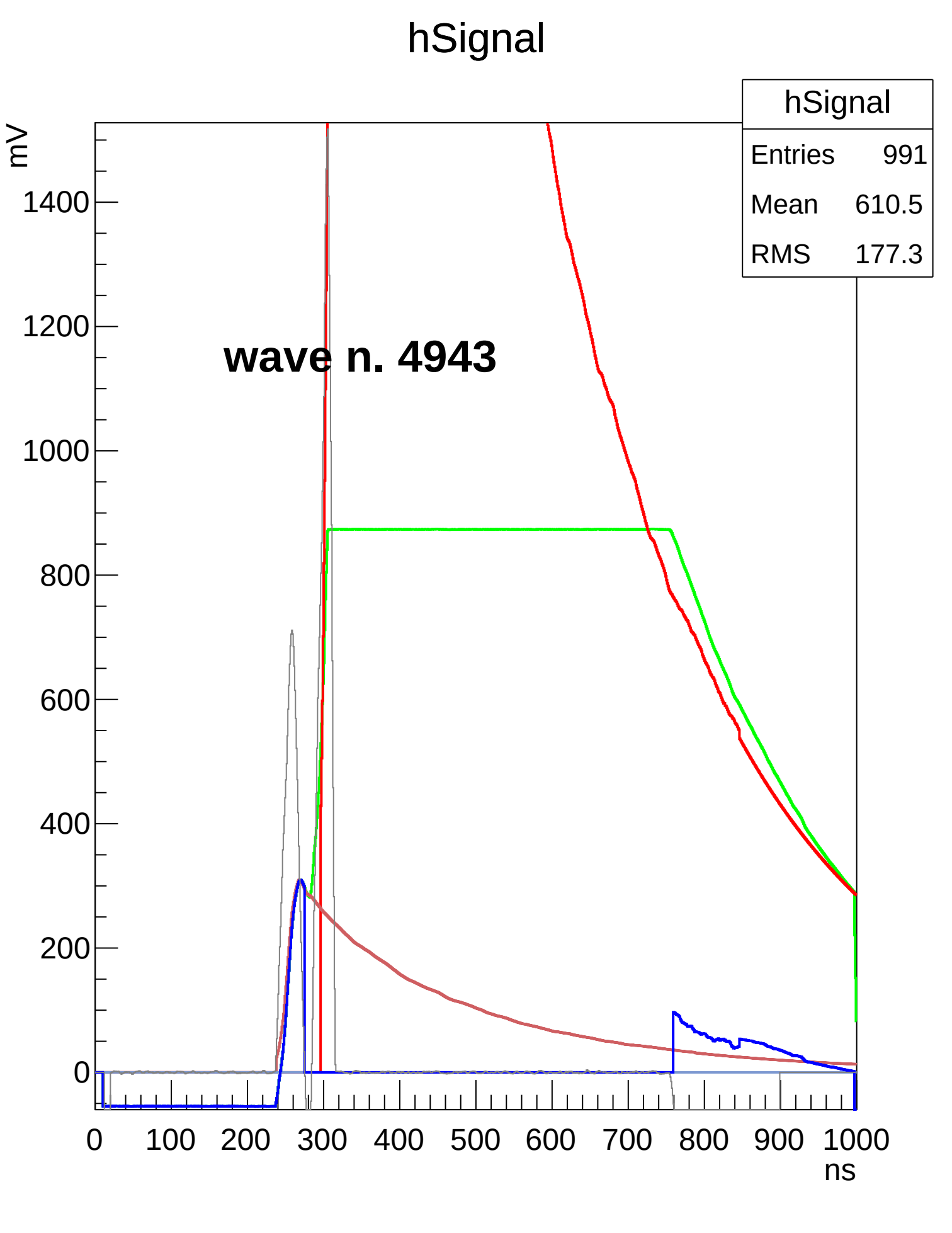

hSignal
hSignal
Entries 991
Mean 520.4
RMS 171.4
wave n. 4938
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

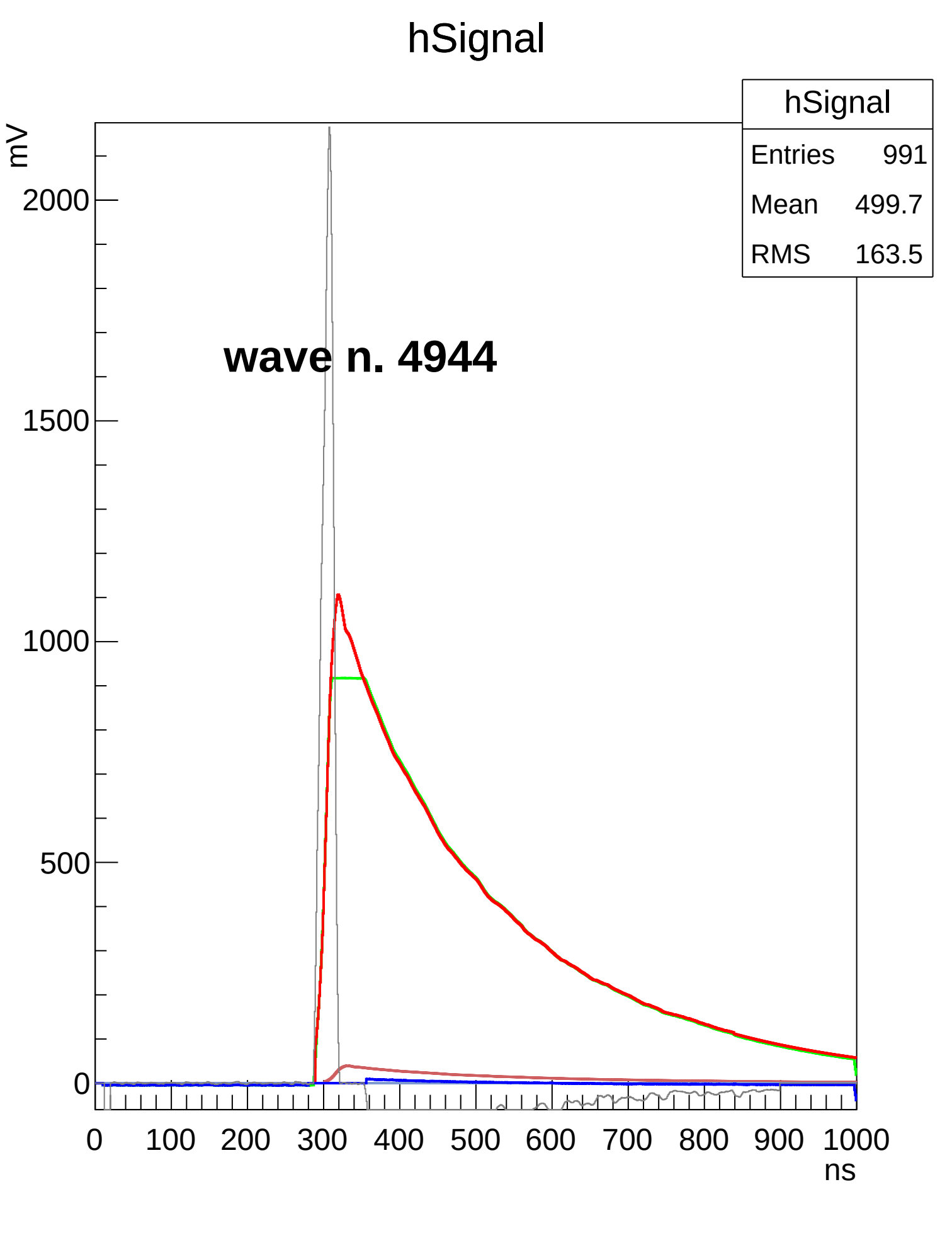

hSignal
hSignal
Entries 991
Mean 458.1
RMS 183.7
wave n. 4939
mV
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns

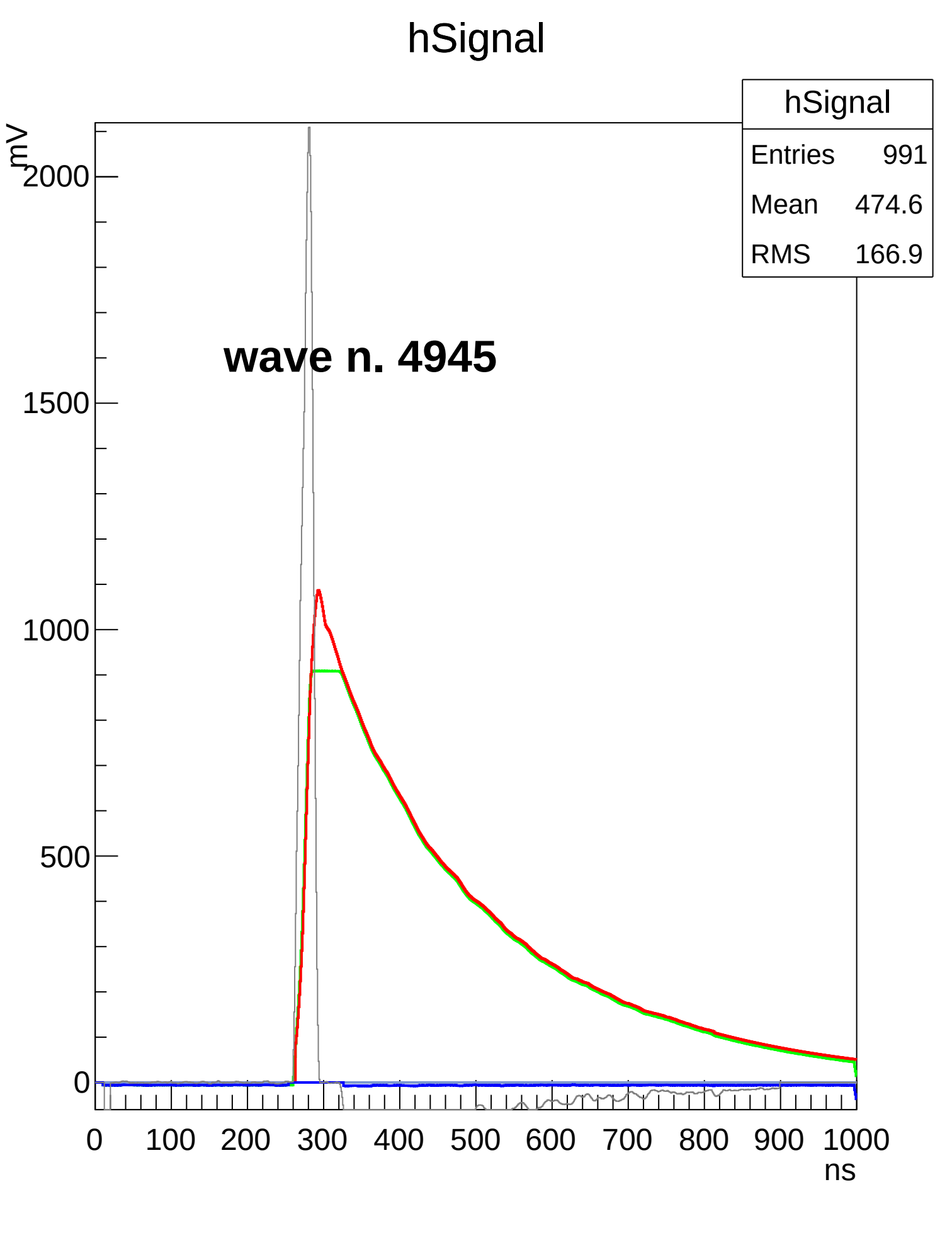

hSignal
hSignal
Entries 991
Mean 524.1
RMS 190.8
wave n. 4940
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507.1
RMS 170
wave n. 4941
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.3
RMS 150.7
wave n. 4942
mV
800
700
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 610.5
RMS 177.3
wave n. 4943
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.7
RMS 163.5
wave n. 4944
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 474.6
RMS 166.9
wave n. 4945
mV
2000
1500
1000
500
0
0
100
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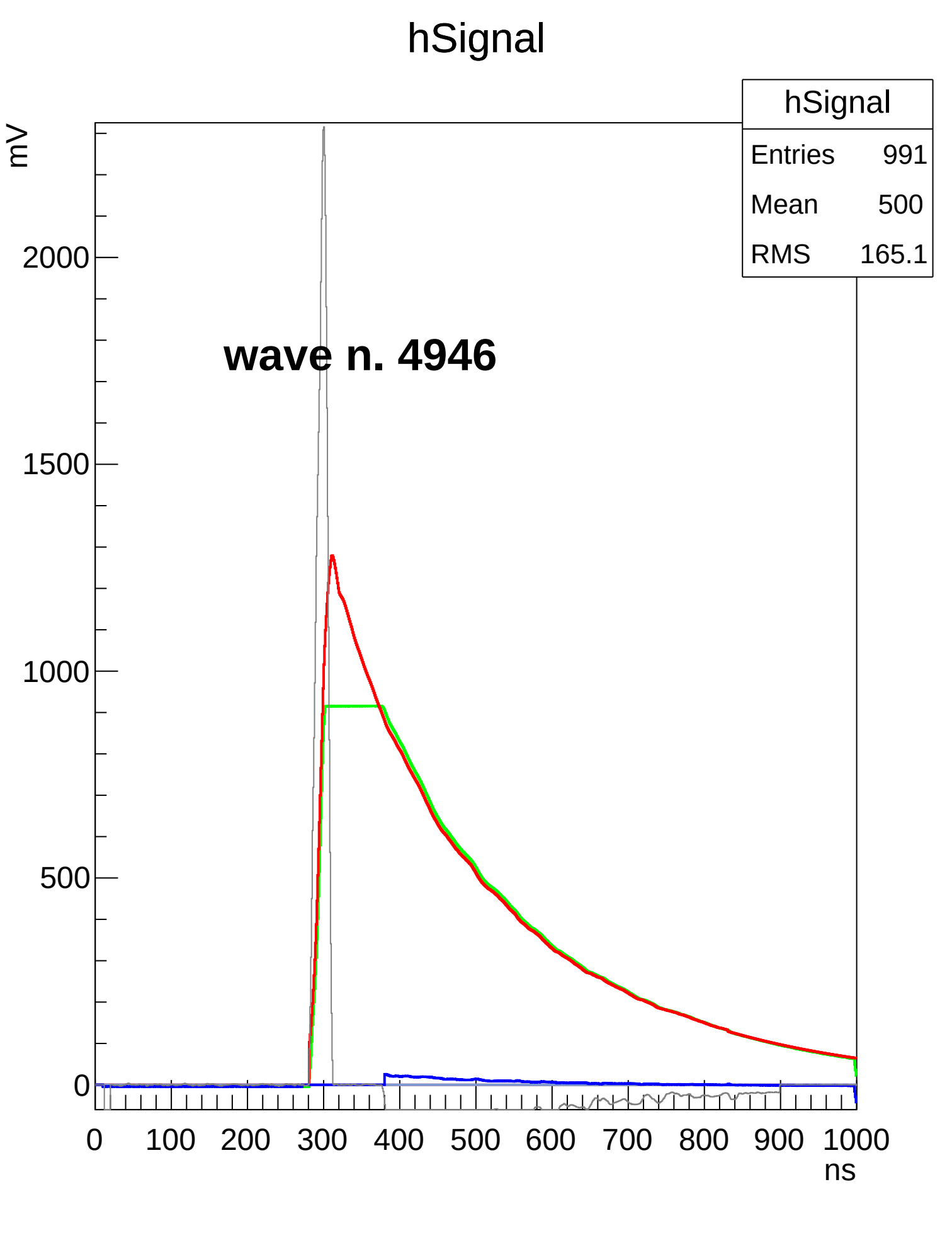
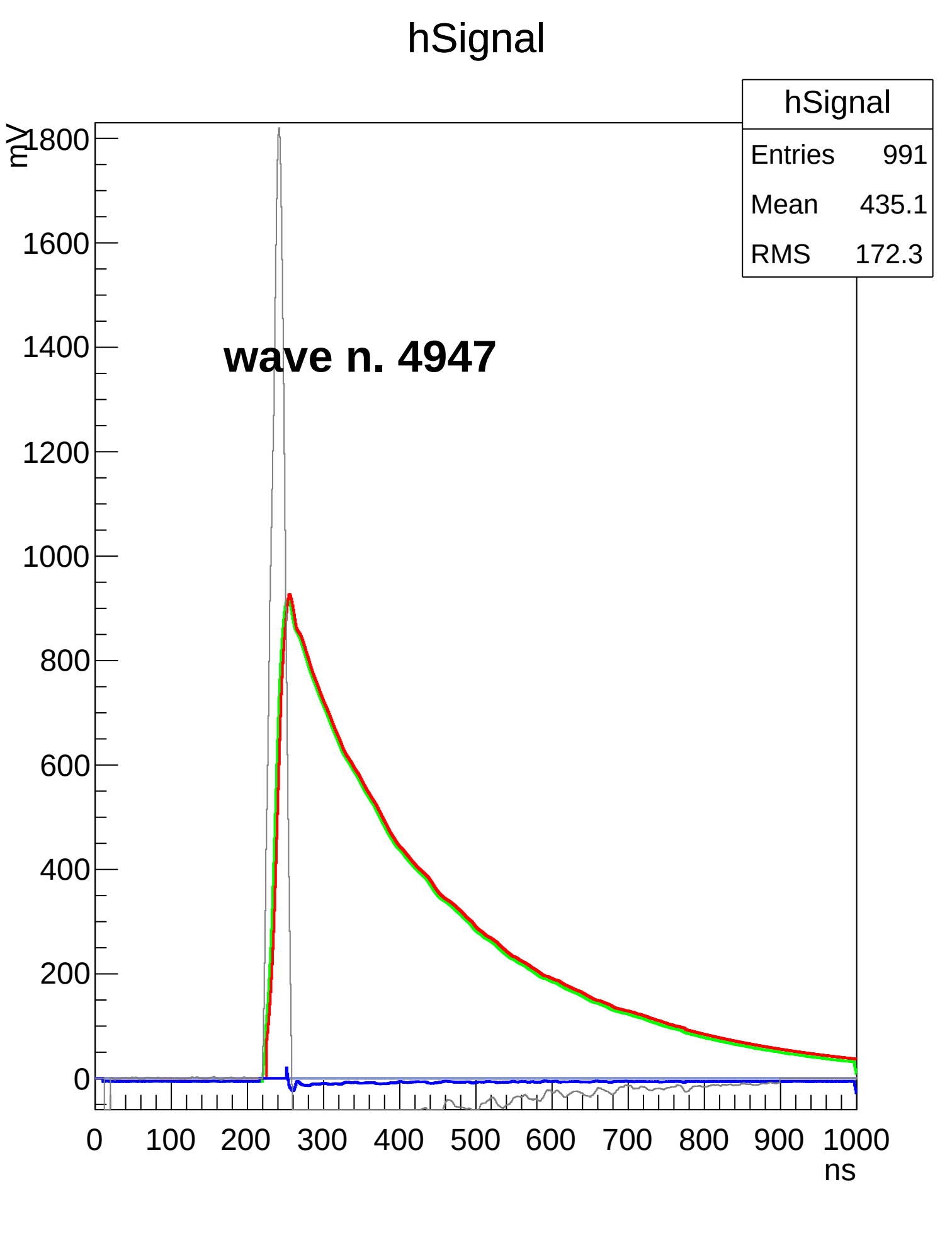
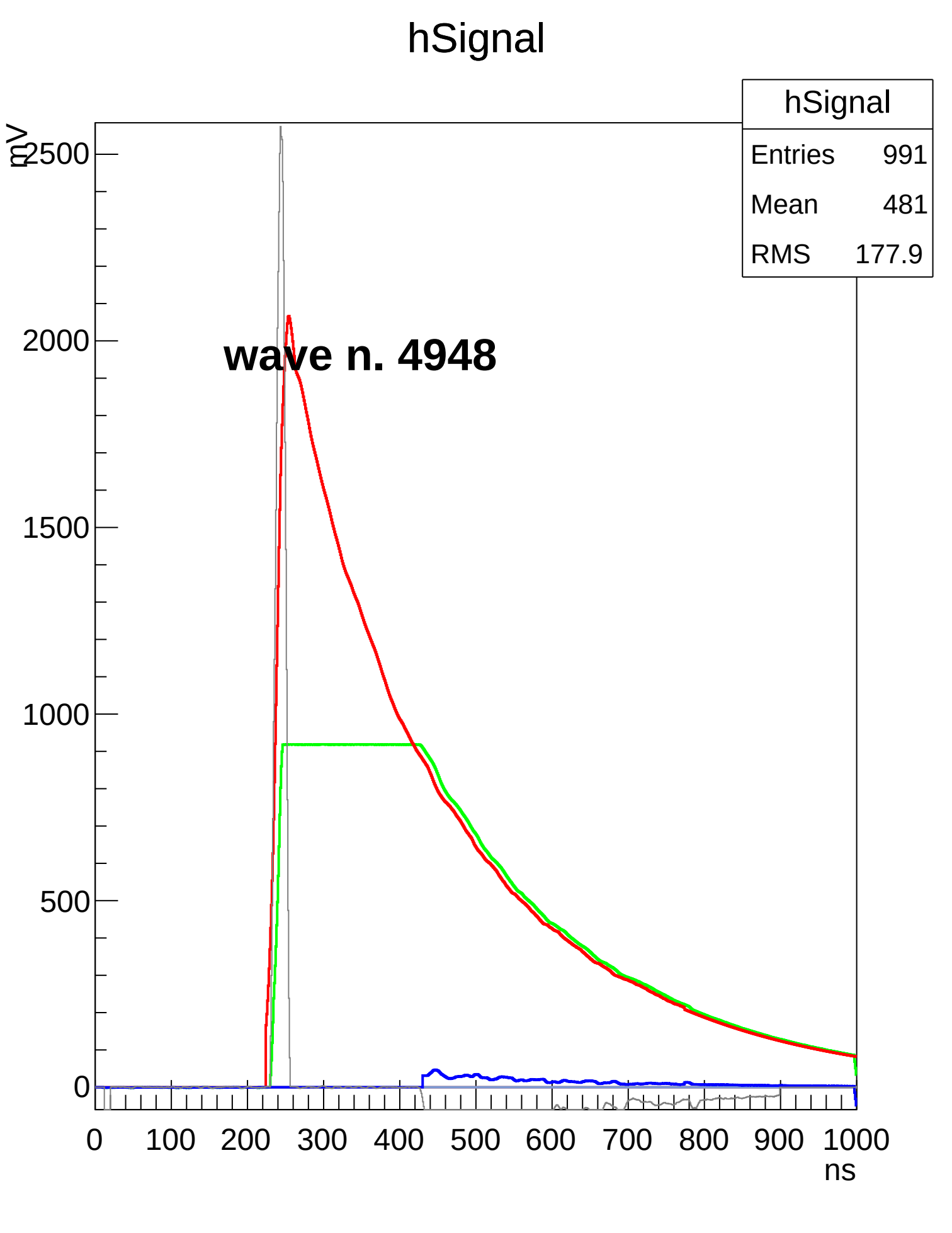
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 500
RMS 165.1
wave n. 4946
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 435.1
RMS 172.3
wave n. 4947
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481
RMS 177.9
wave n. 4948
mV
2500
2000
1500
1000
500
0
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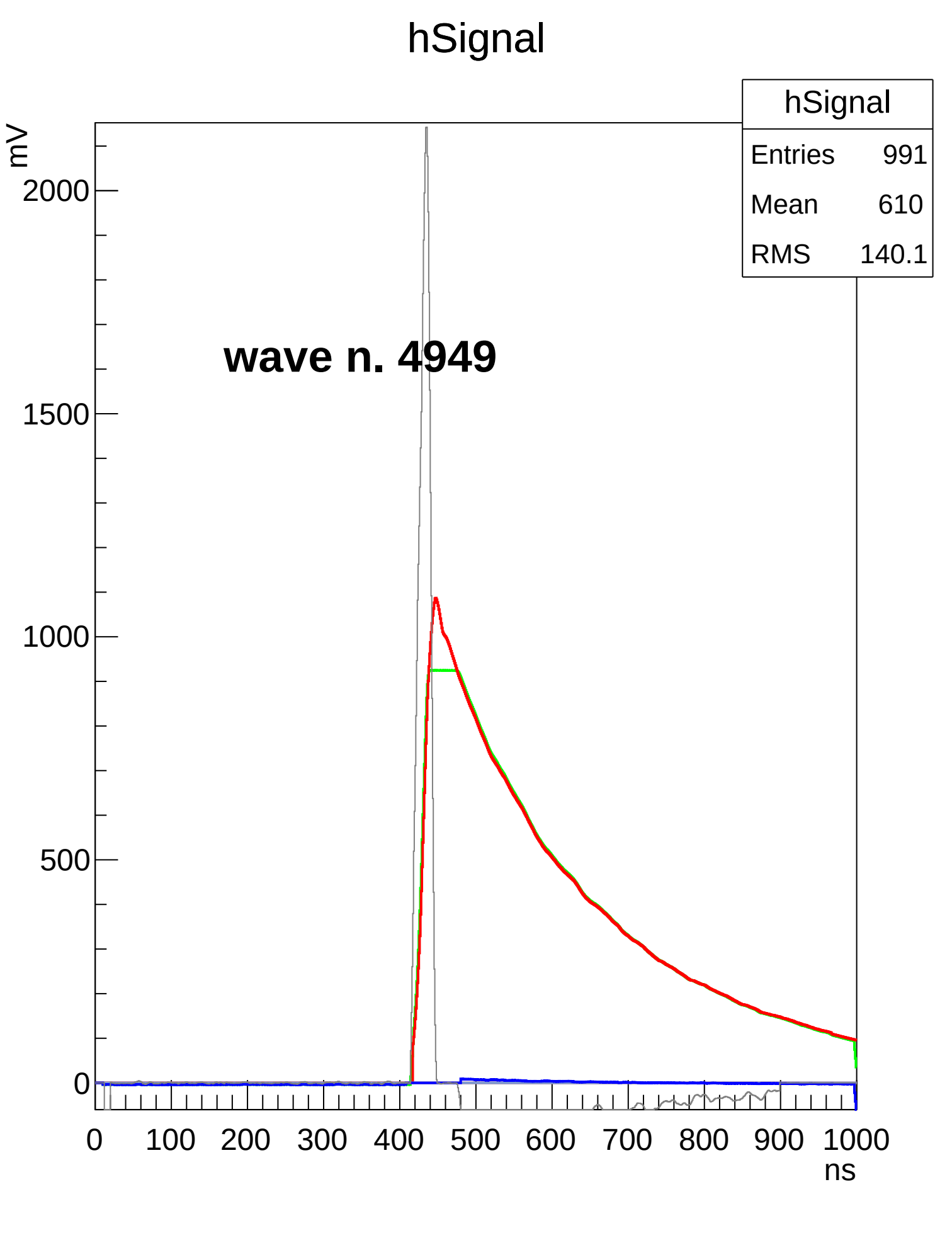
ns


hSignal
hSignal
Entries 991
Mean 610
RMS 140.1
wave n. 4949
mV
2000
1500
1000
500
0
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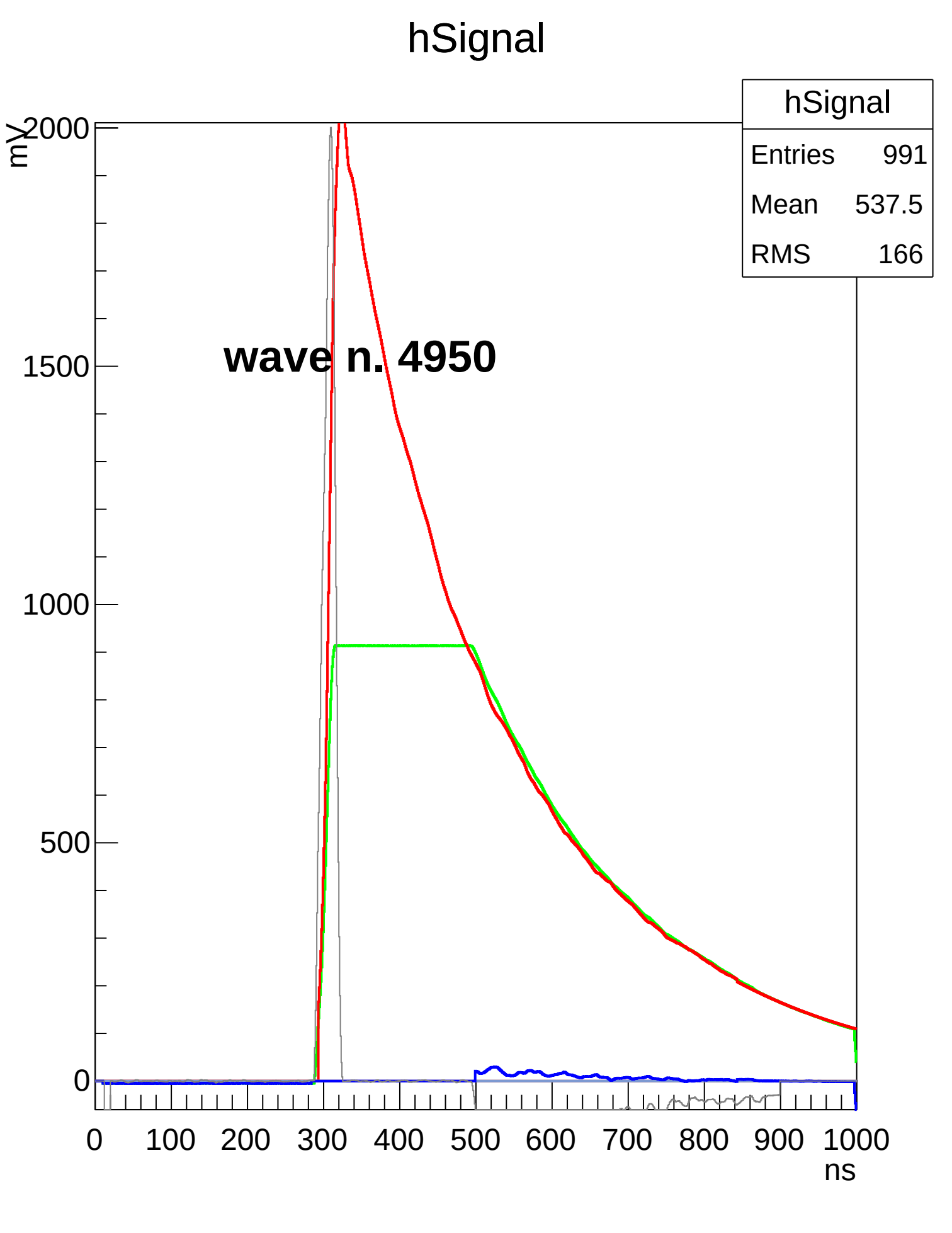
ns


hSignal
hSignal
Entries 991
Mean 537.5
RMS 166
wave n. 4950
mV
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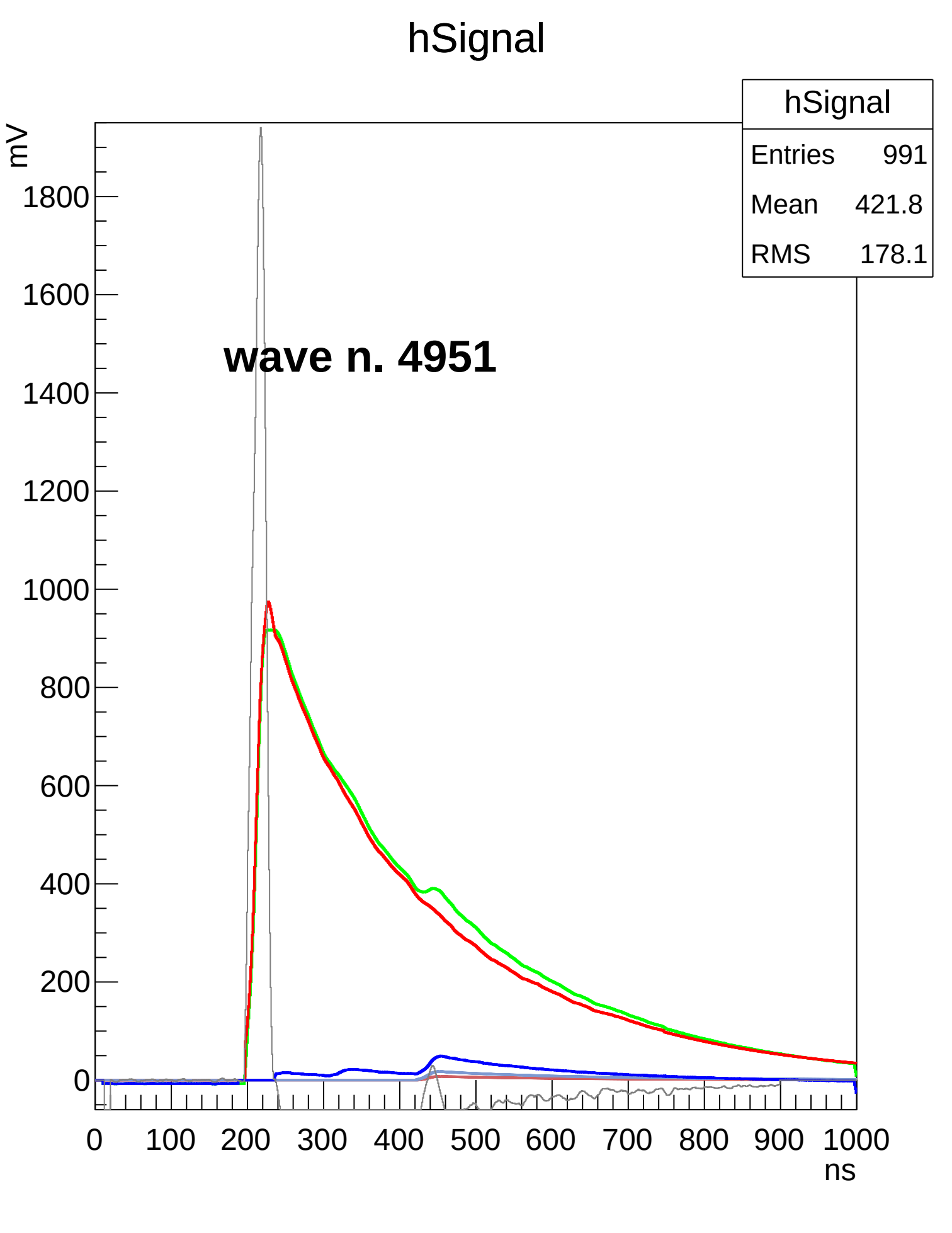
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 421.8
RMS 178.1
wave n. 4951
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
300
400
500
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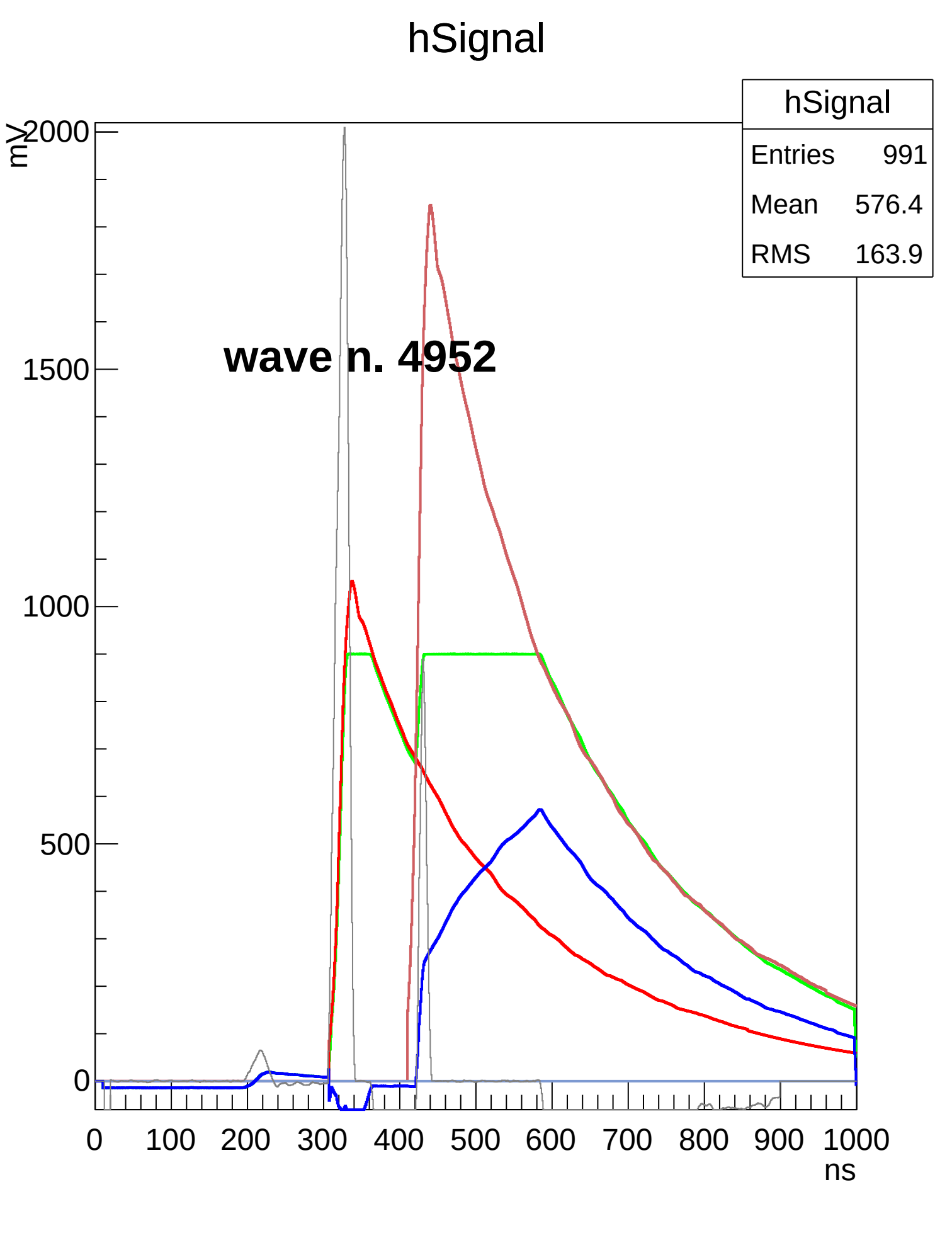
700
800
900
1000
ns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hSignal
Entries 991
Mean 576.4
RMS 163.9
wave n. 4952
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1000
500
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0
100
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400
500
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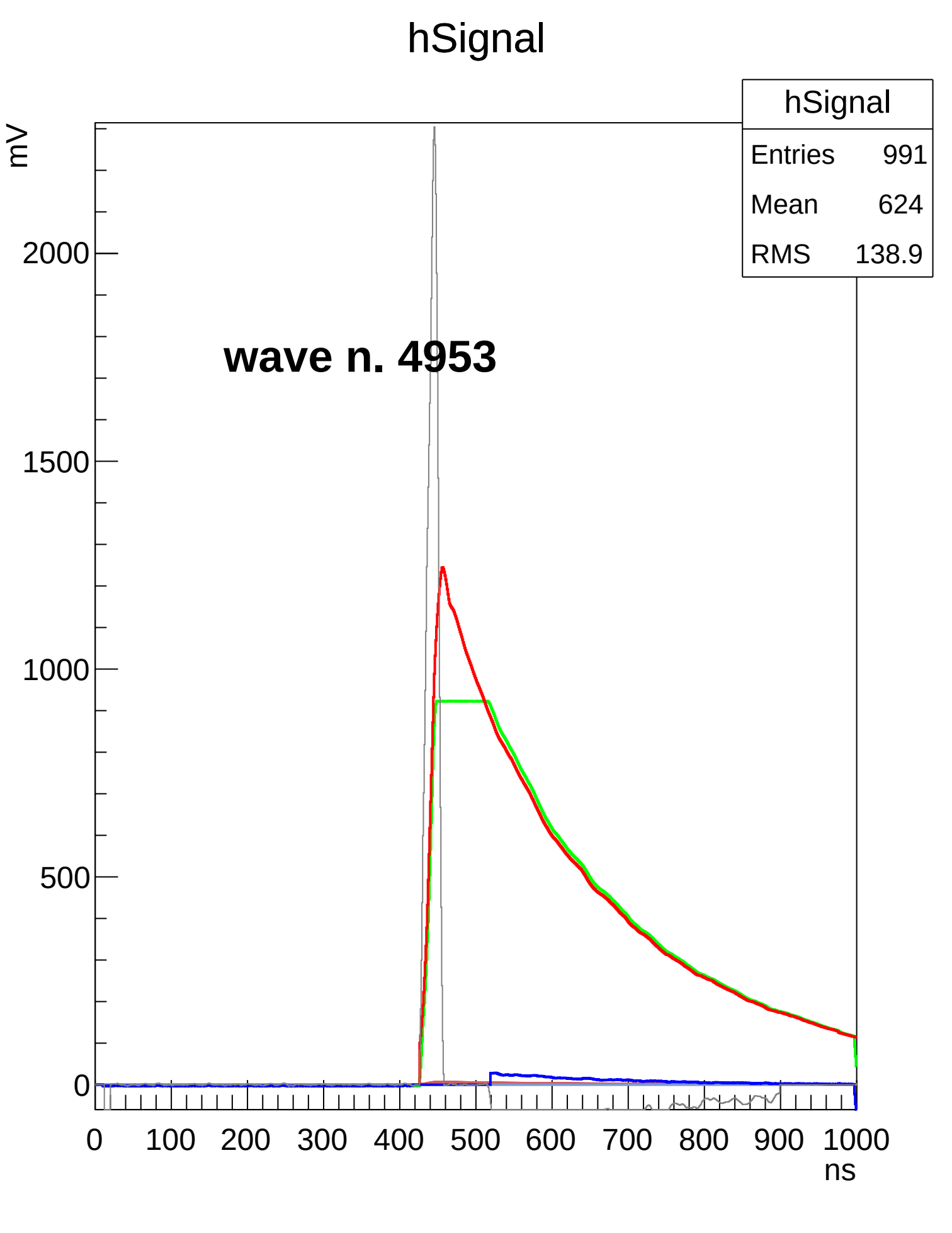
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 624
RMS 138.9
wave n. 4953
mV
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1000
500
0
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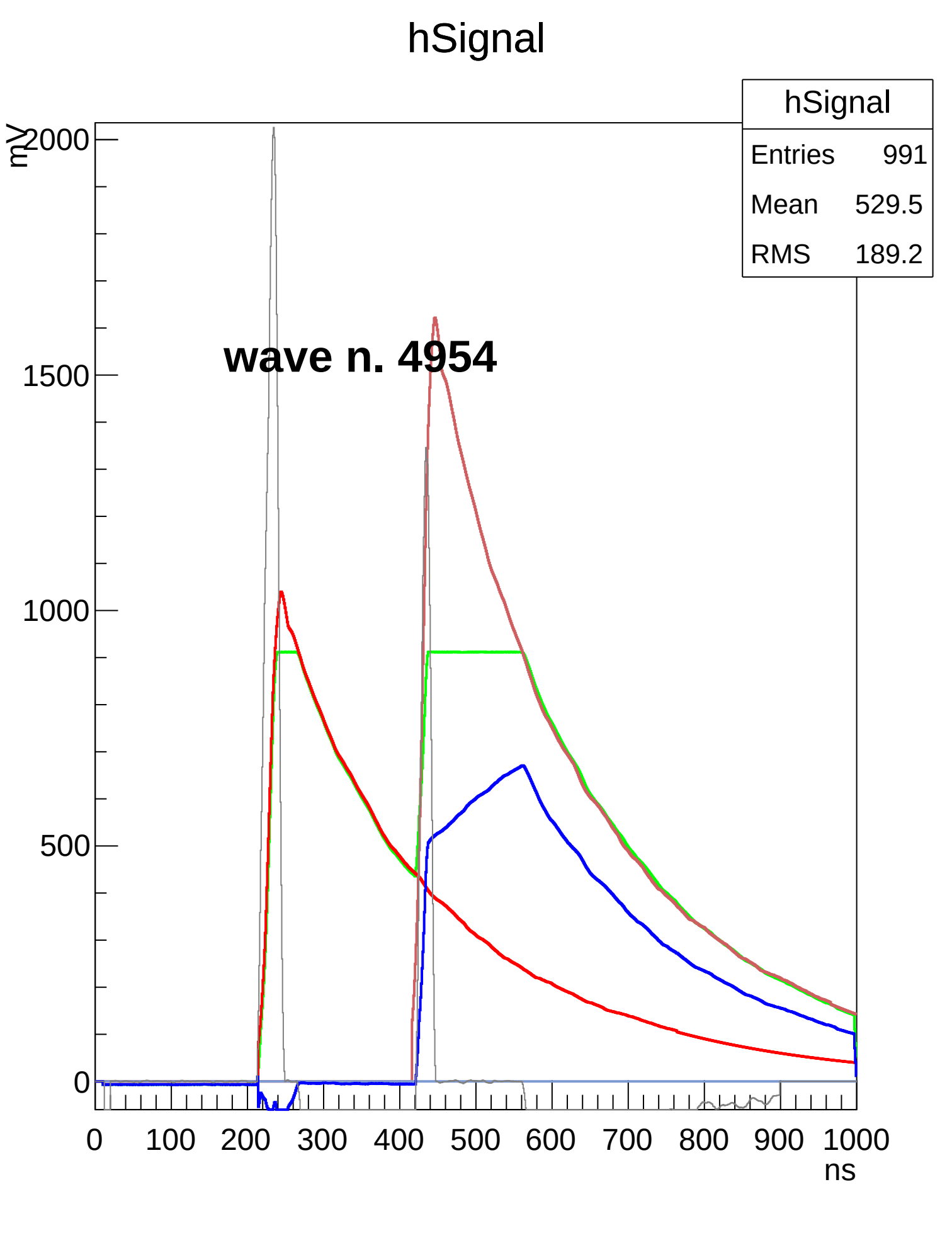
ns


hSignal
hSignal
Entries 991
Mean 529.5
RMS 189.2
wave n. 4954
mV
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1500
1000
500
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400
500
600
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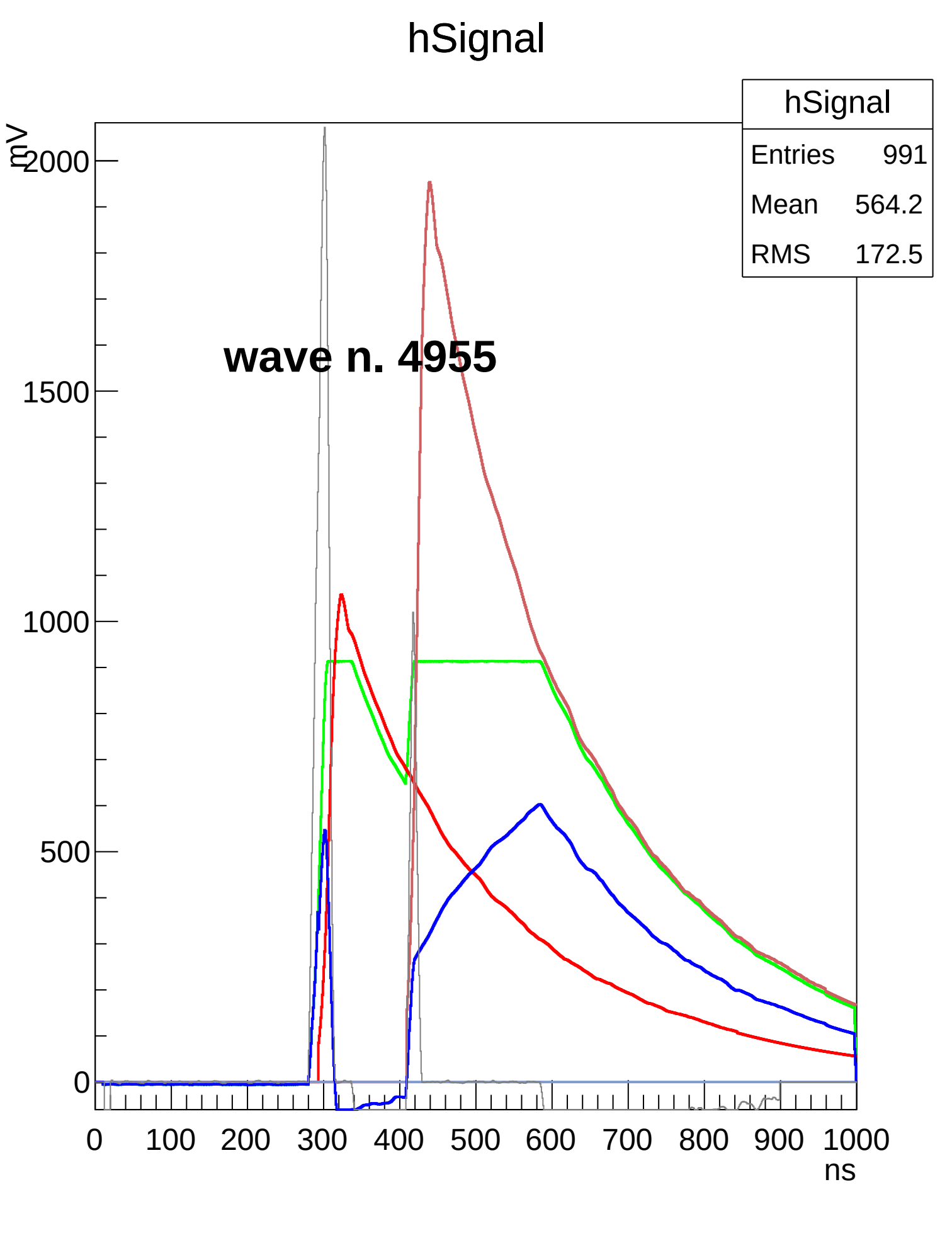
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 564.2
RMS 172.5
wave n. 4955
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1000
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0
100
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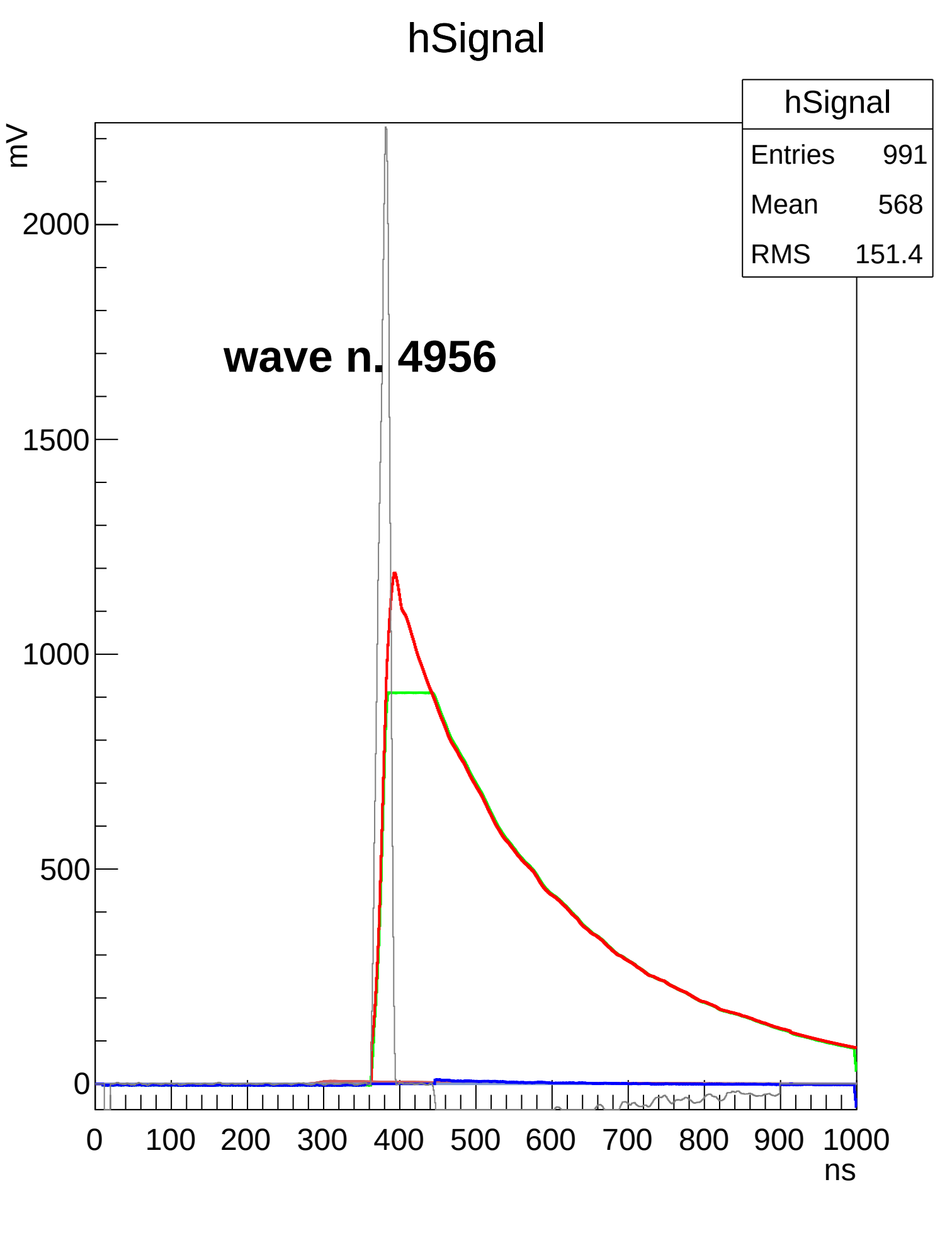
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 568
RMS 151.4
wave n. 4956
mV
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1500
1000
500
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0
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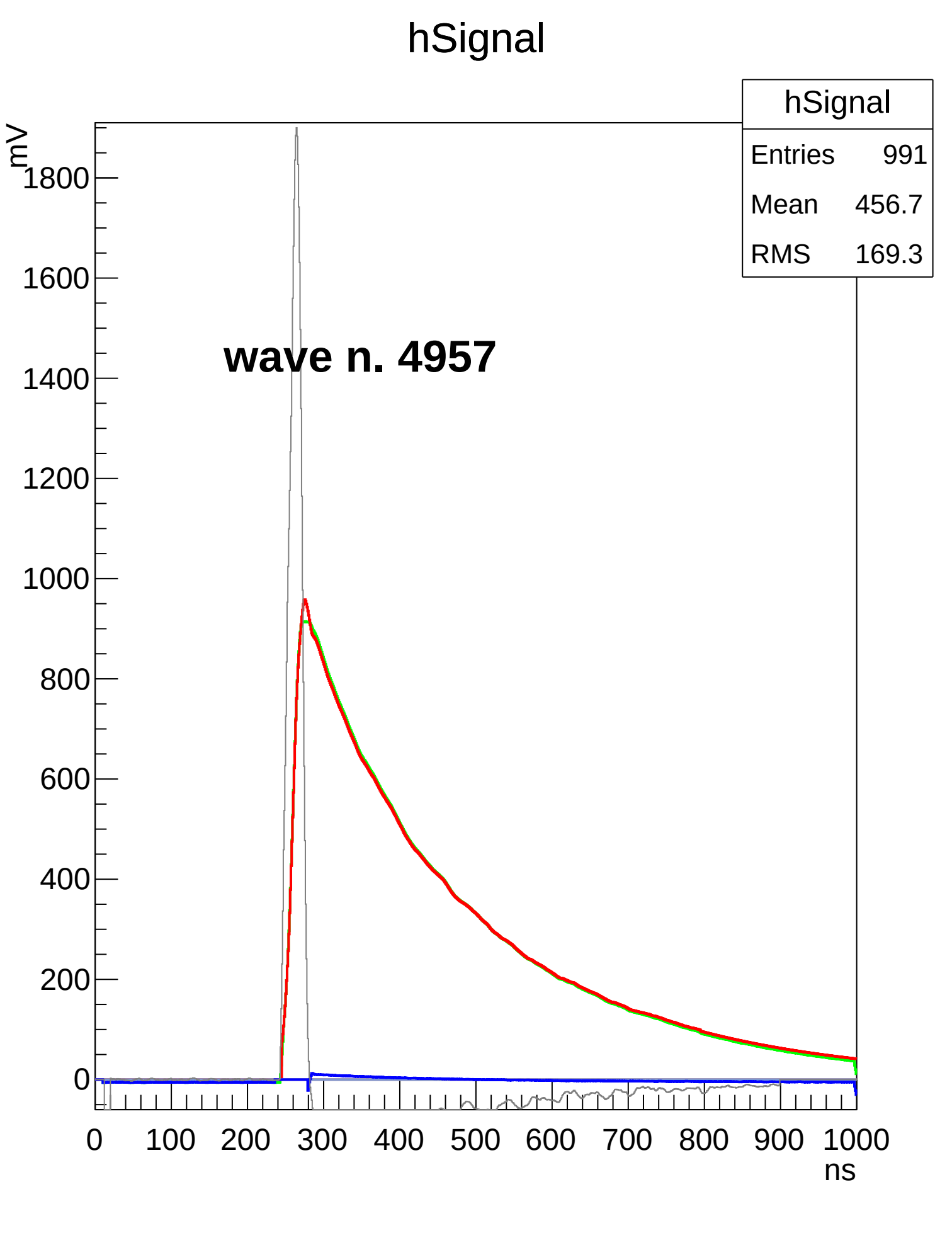
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 456.7
RMS 169.3
wave n. 4957
mV
1800
1600
1400
1200
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600
400
200
0
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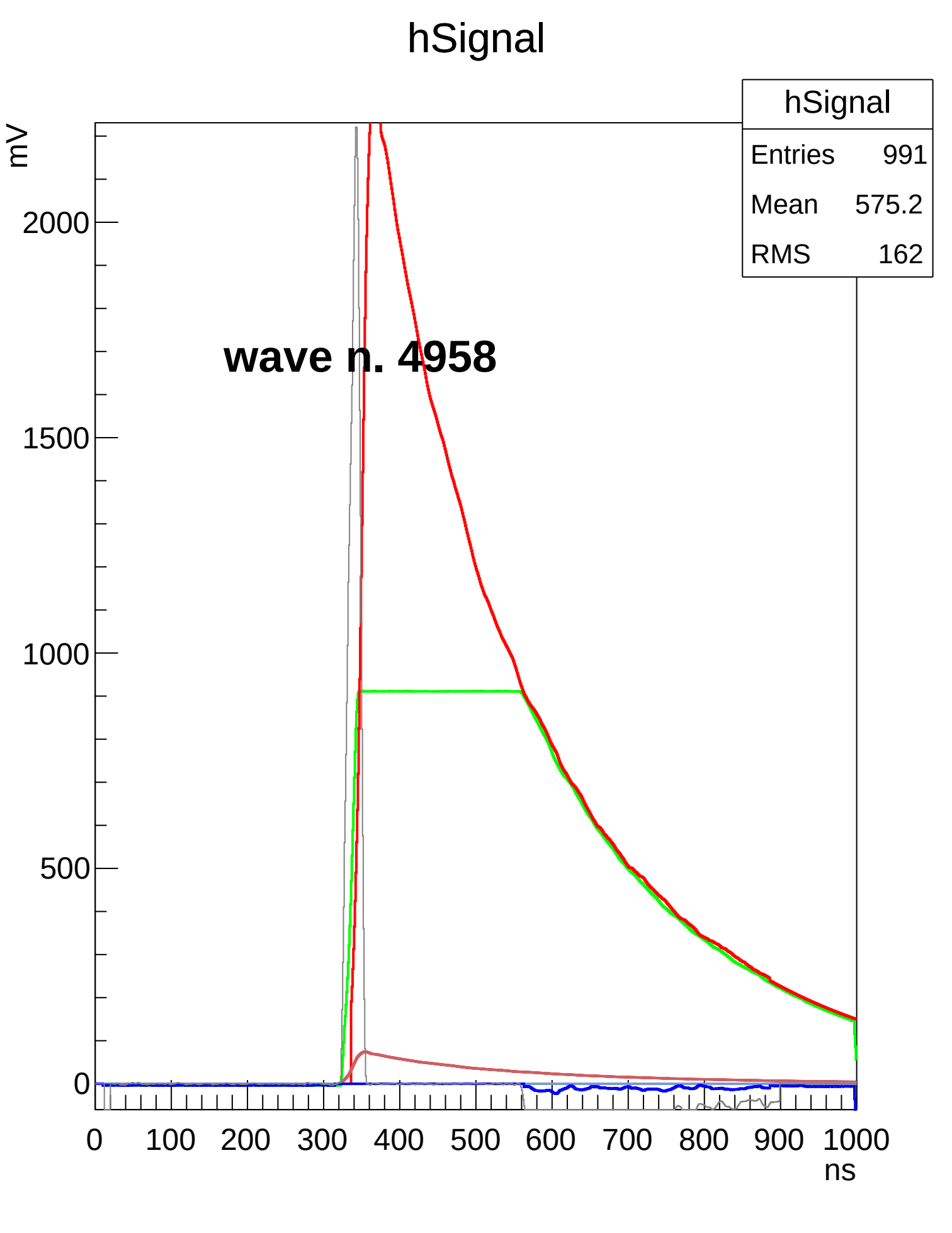
1000
ns


hSignal
hSignal
Entries 991
Mean 575.2
RMS 162
wave n. 4958
mV
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1500
1000
500
0
0
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200
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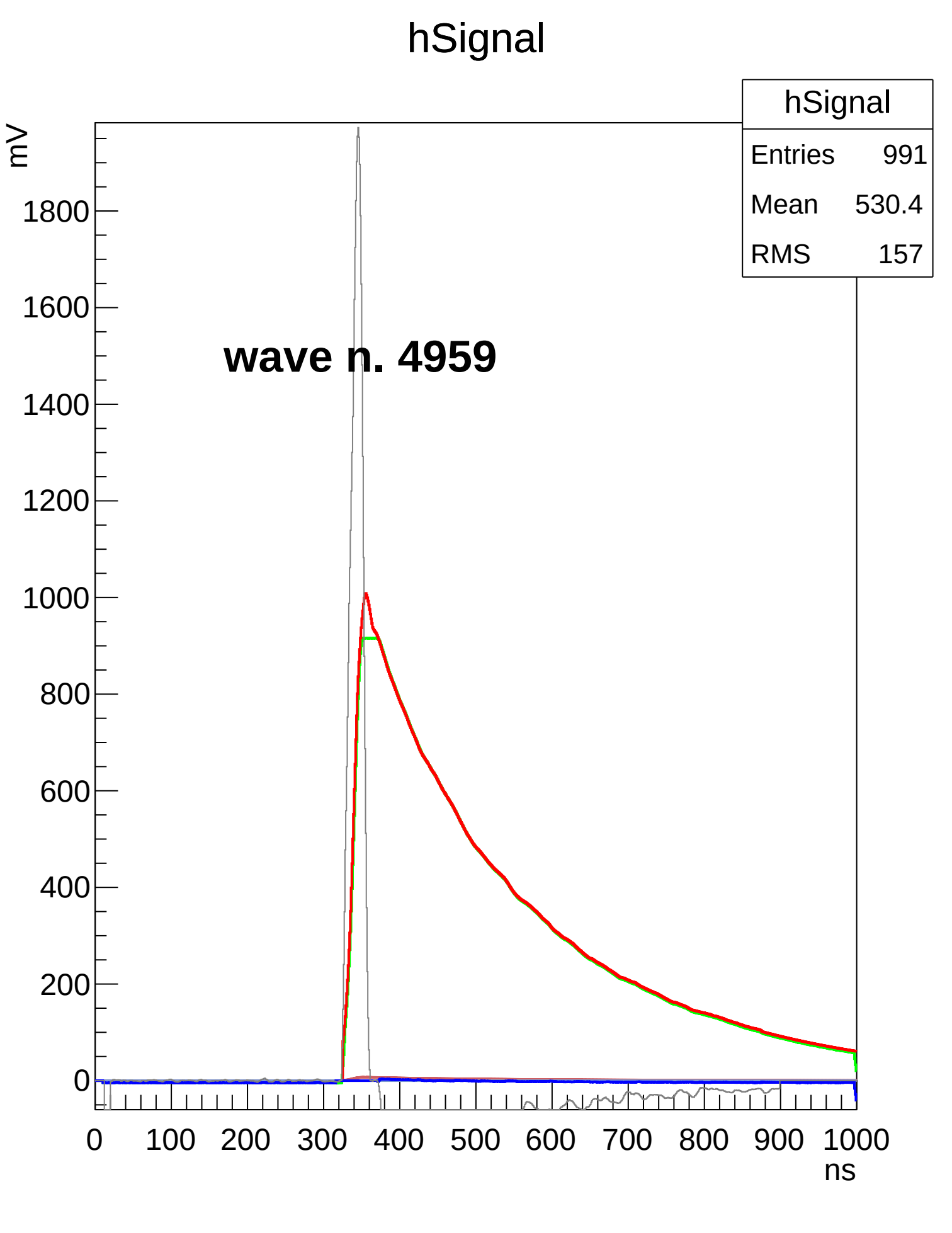
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.4
RMS 157
wave n. 4959
mV
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1600
1400
1200
1000
800
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400
200
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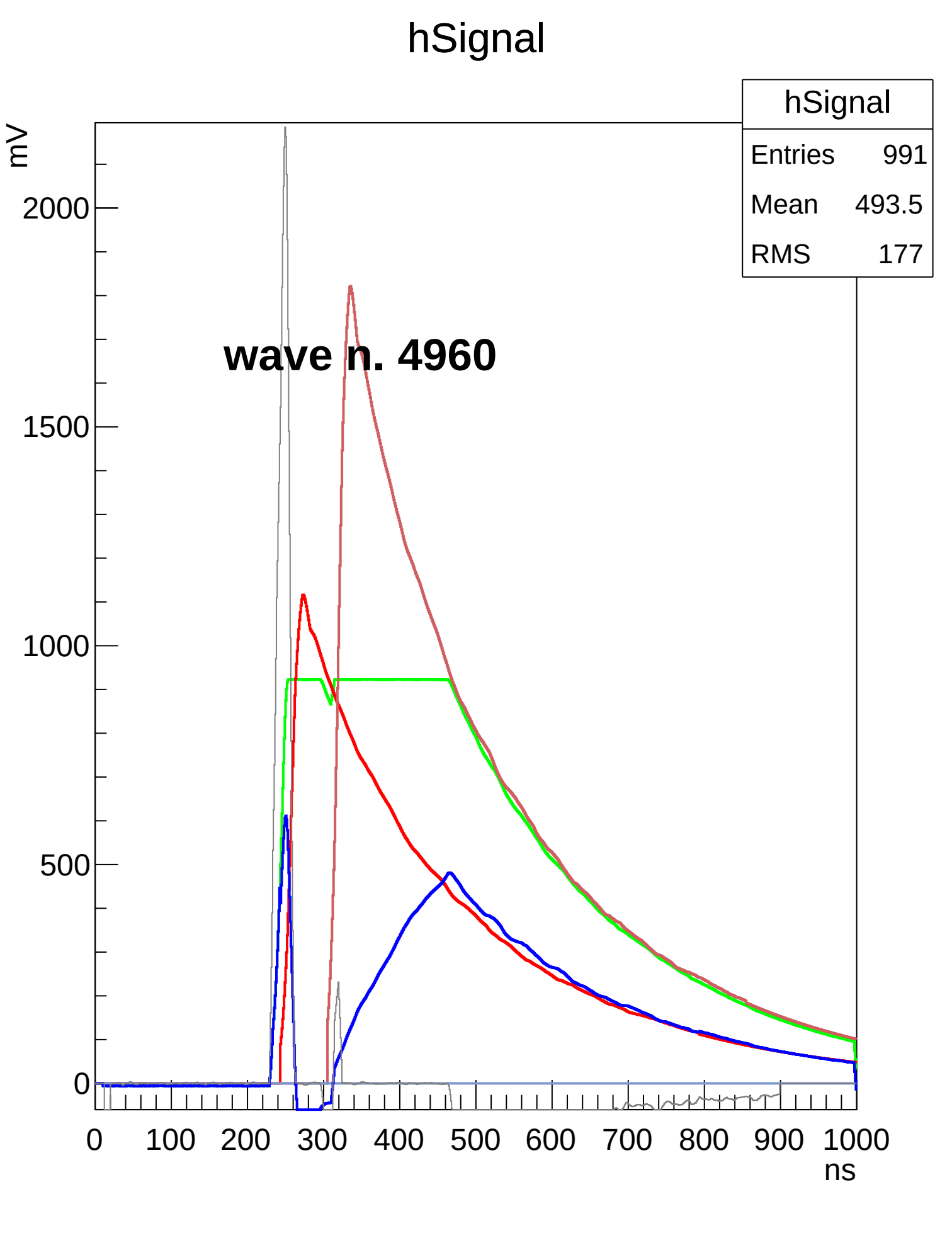
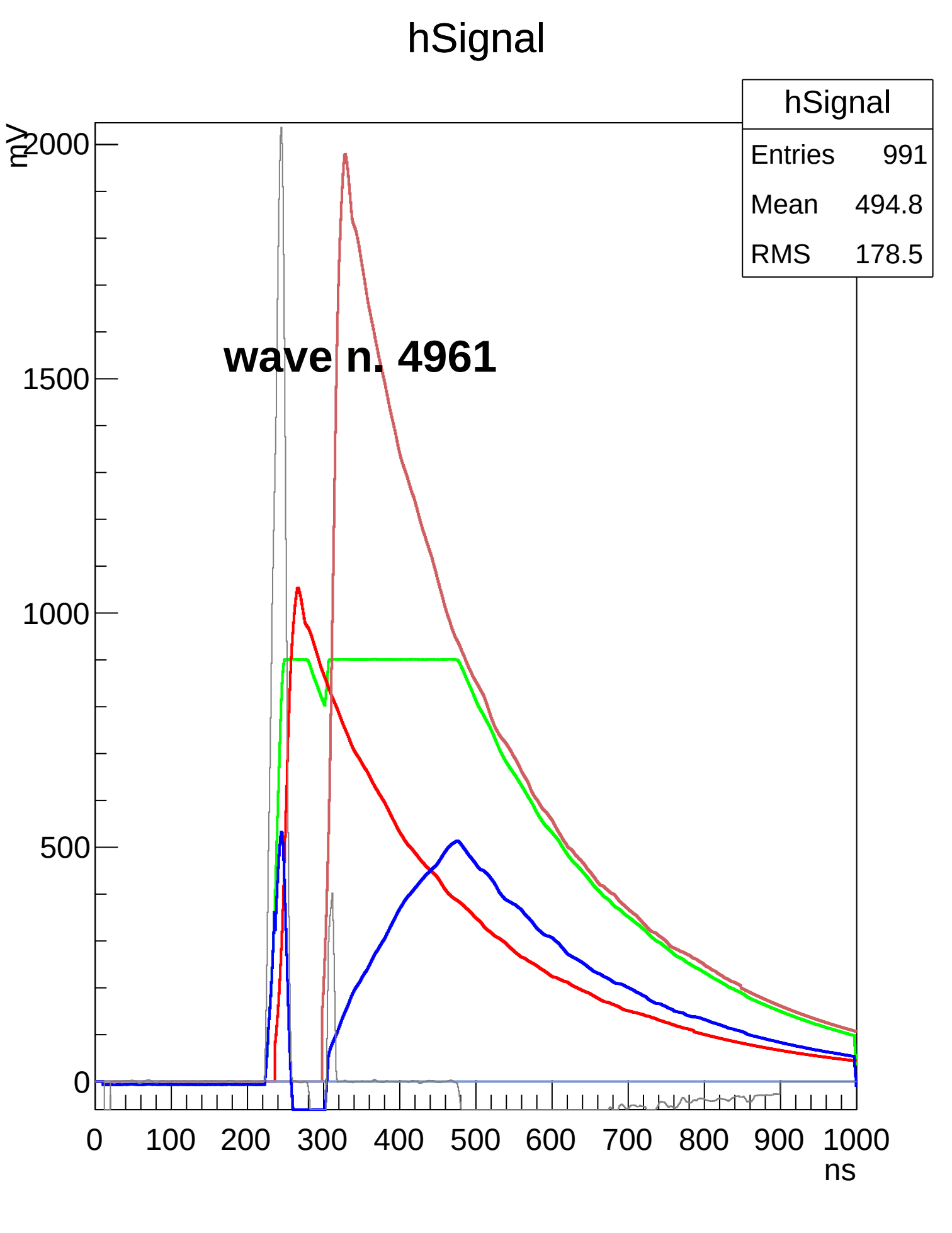
ns


hSignal
hSignal
Entries 991
Mean 493.5
RMS 177
wave n. 4960
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 494.8
RMS 178.5
wave n. 4961
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1500
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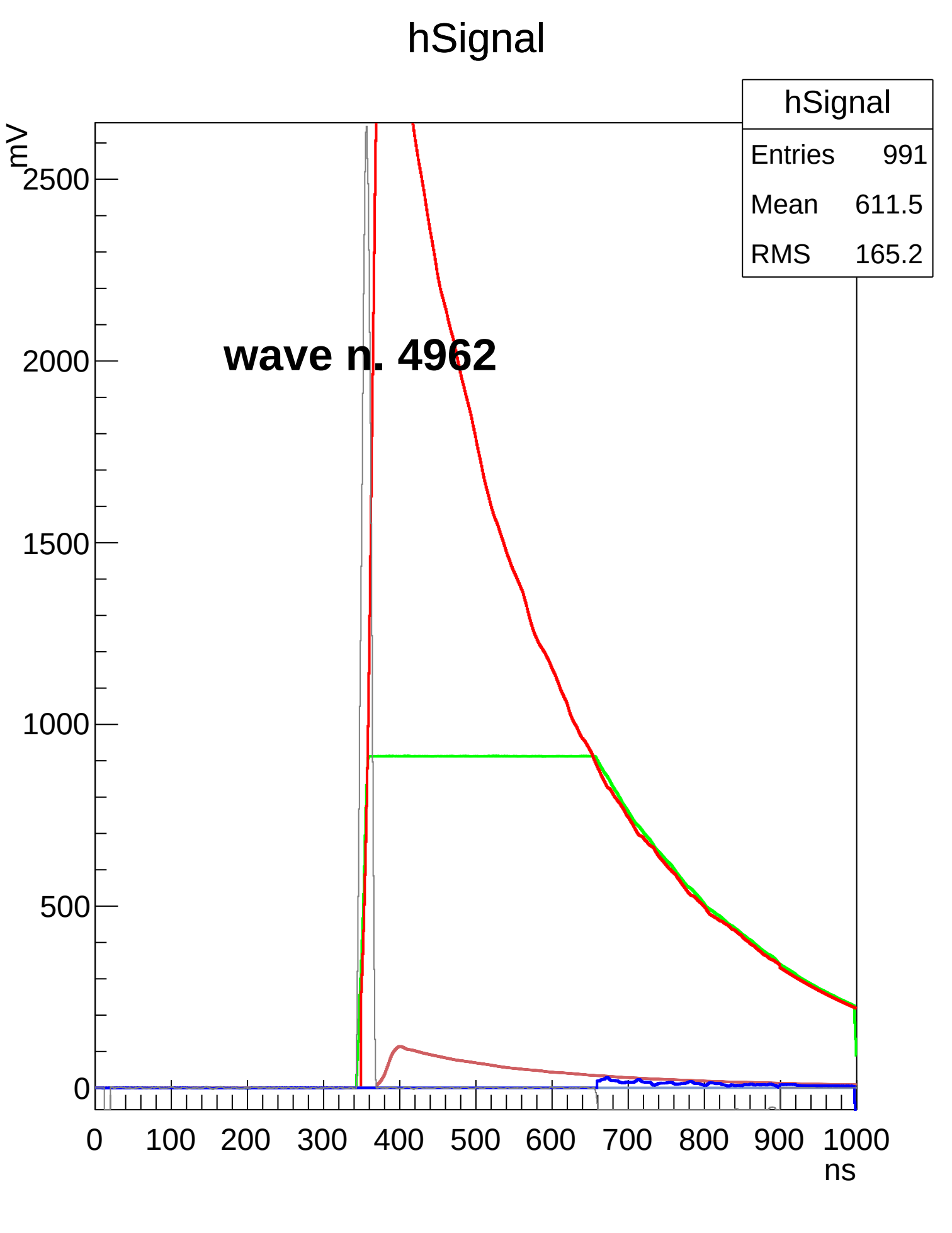
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 611.5
RMS 165.2
wave n. 4962
mV
2500
2000
1500
1000
500
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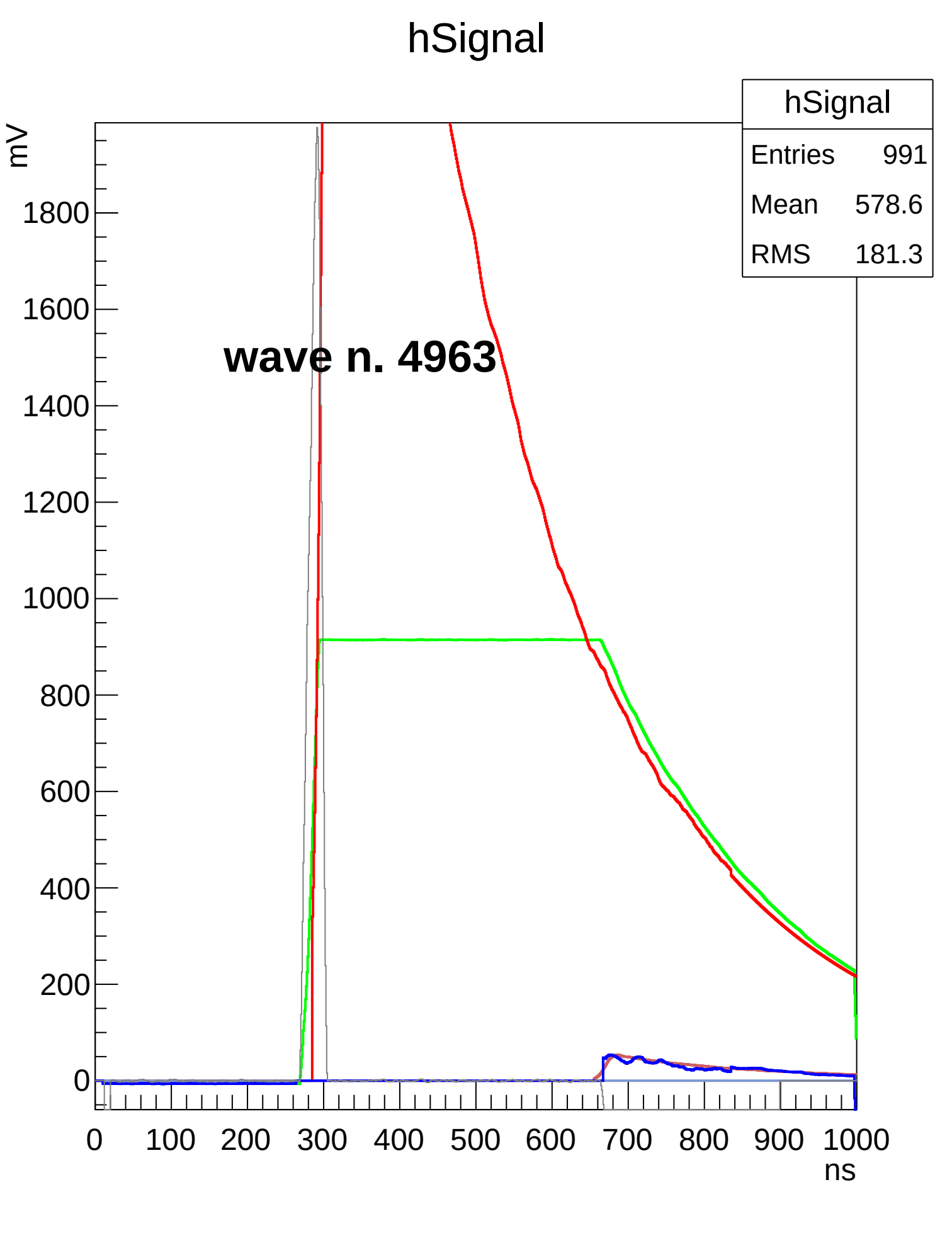
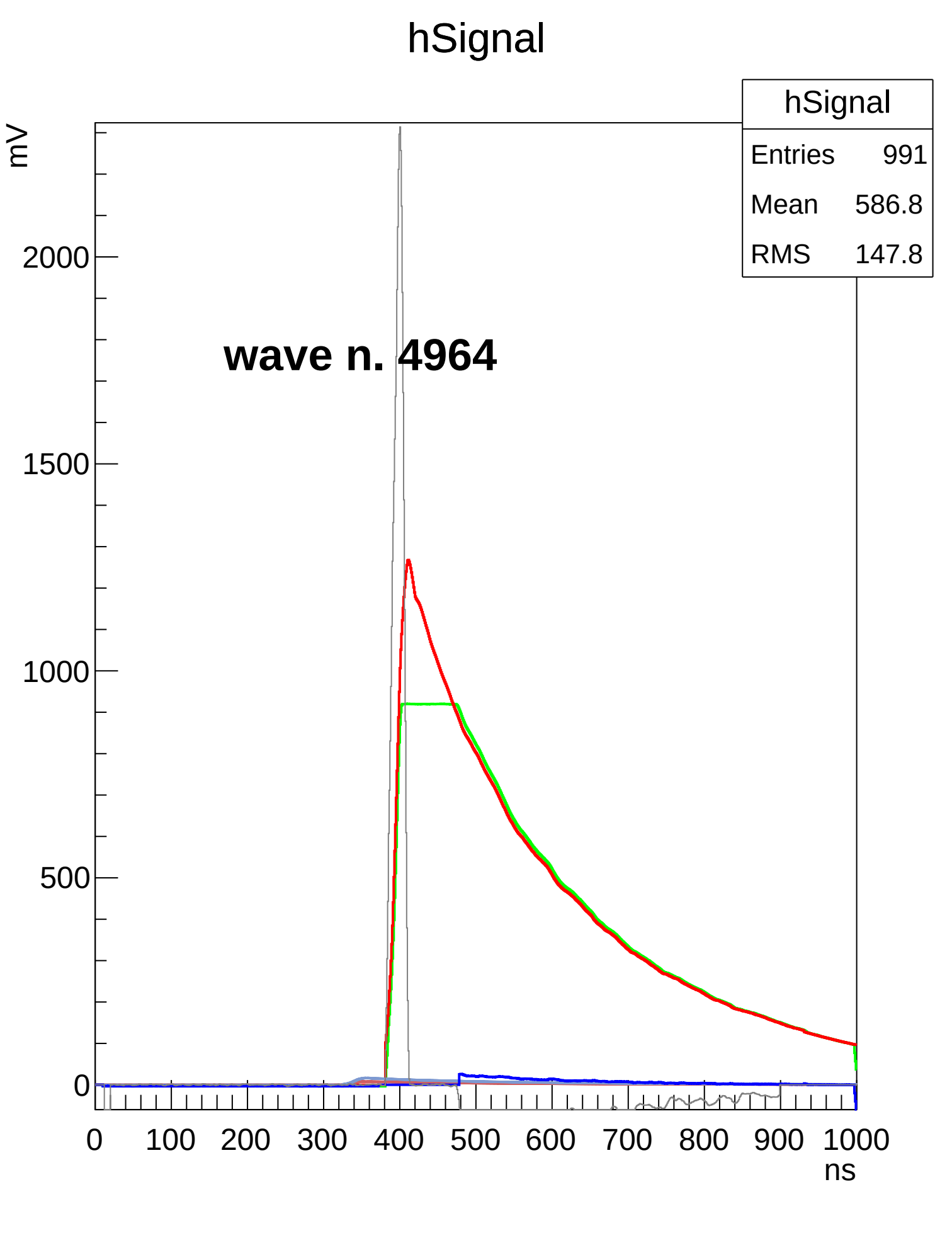
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578.6
RMS 181.3
wave n. 4963
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586.8
RMS 147.8
wave n. 4964
mV
2000
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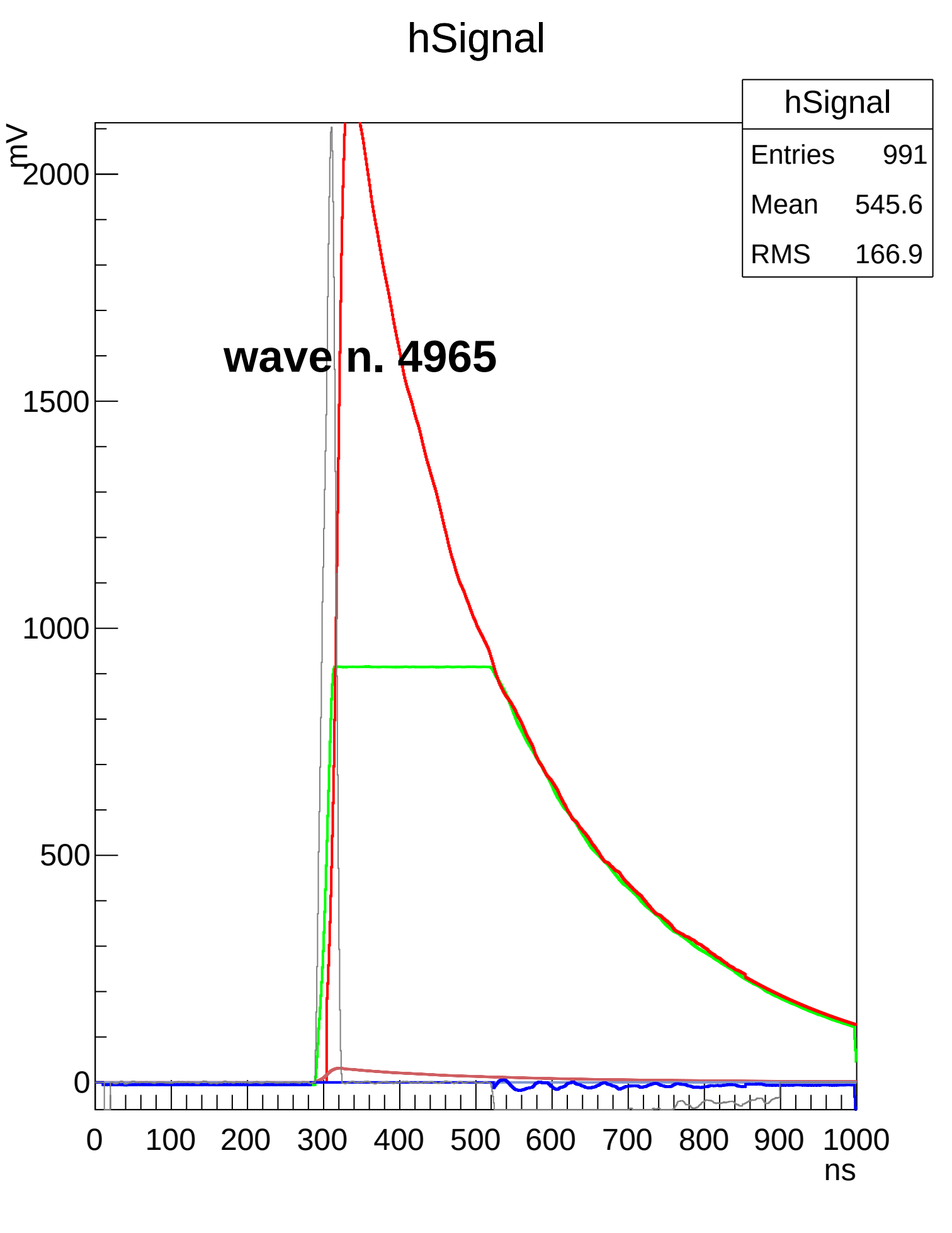
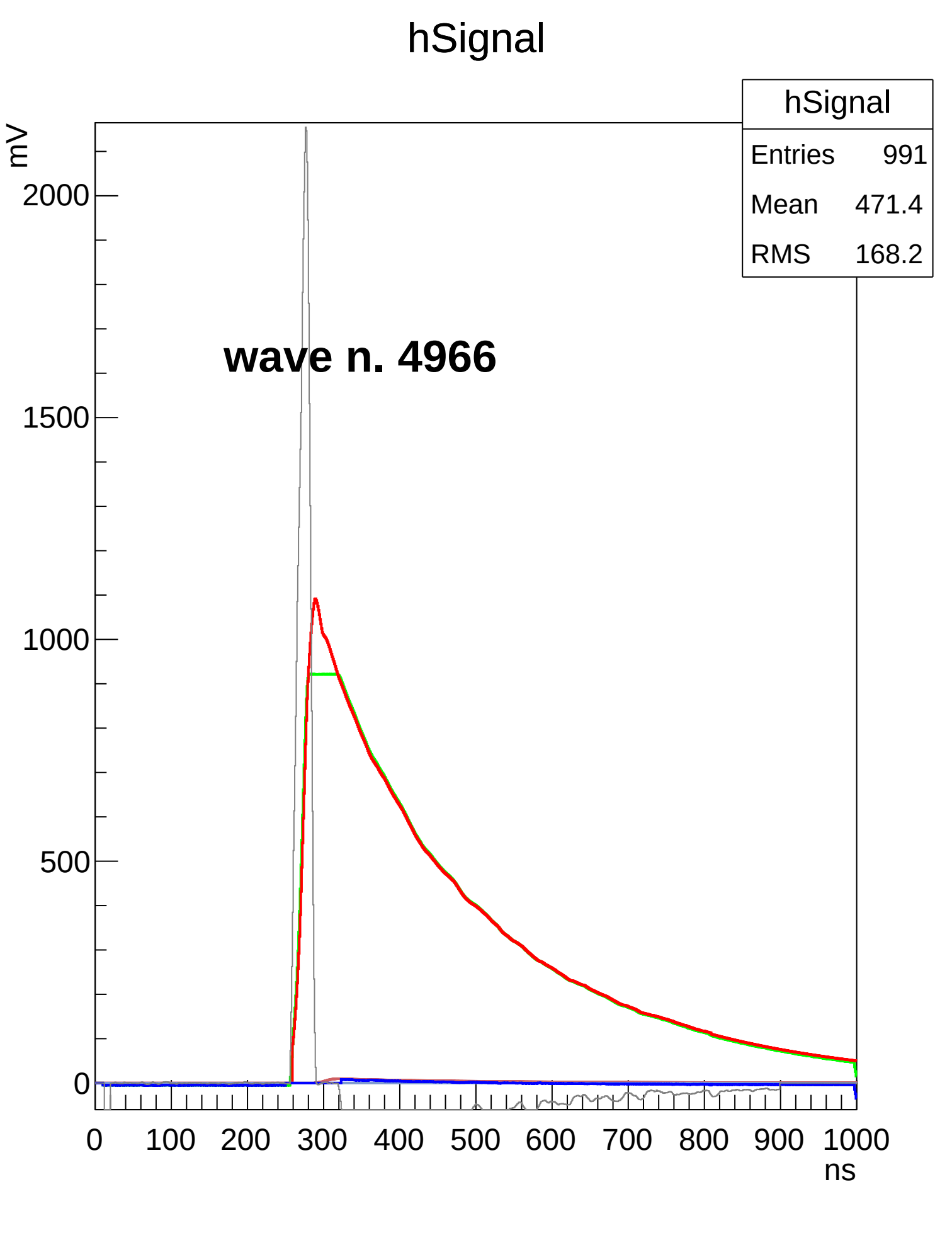
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 545.6
RMS 166.9
wave n. 4965
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 471.4
RMS 168.2
wave n. 4966
mV
2000
1500
1000
500
0
0
100
200
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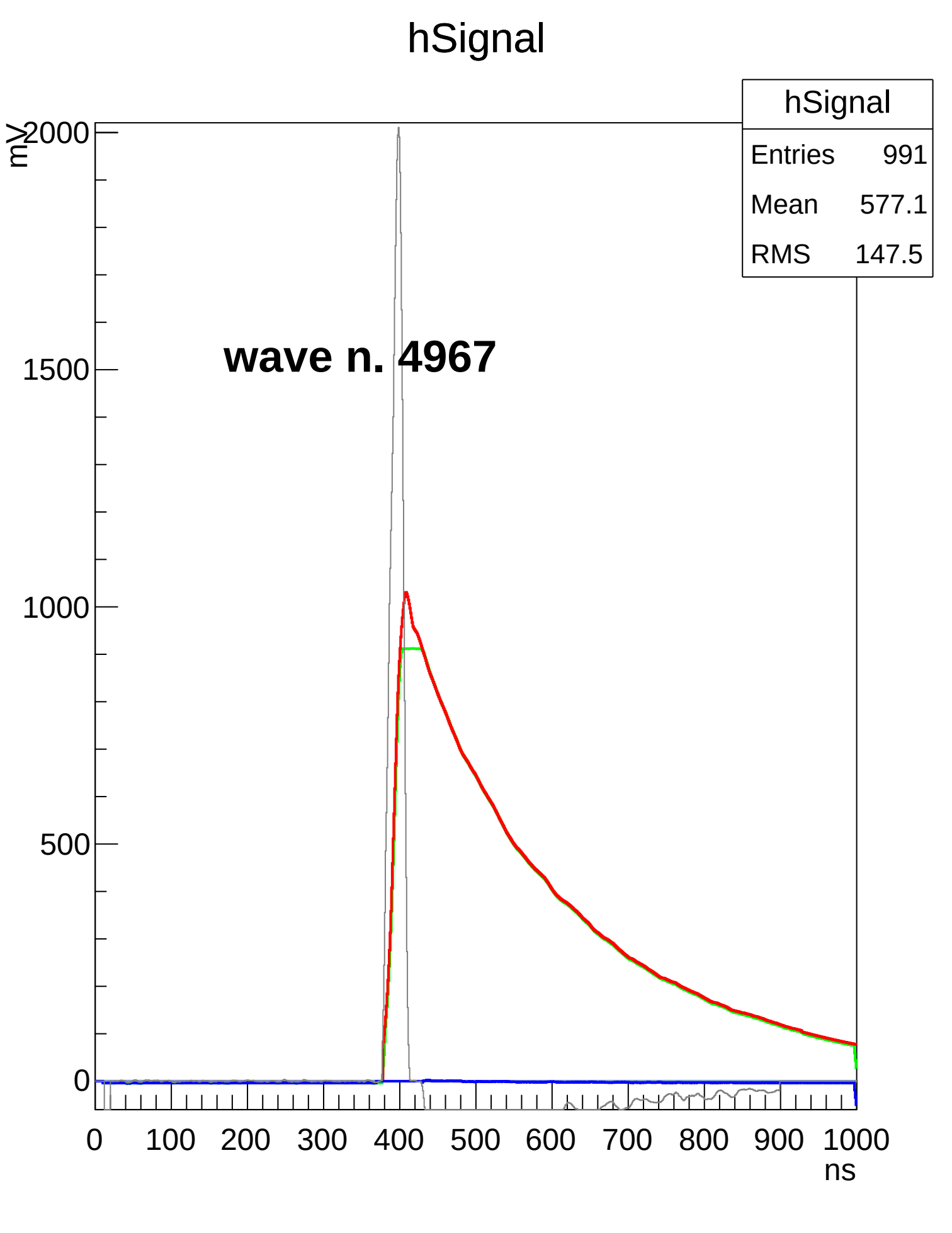
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 577.1
RMS 147.5
wave n. 4967
mV
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1500
1000
500
0
0
100
200
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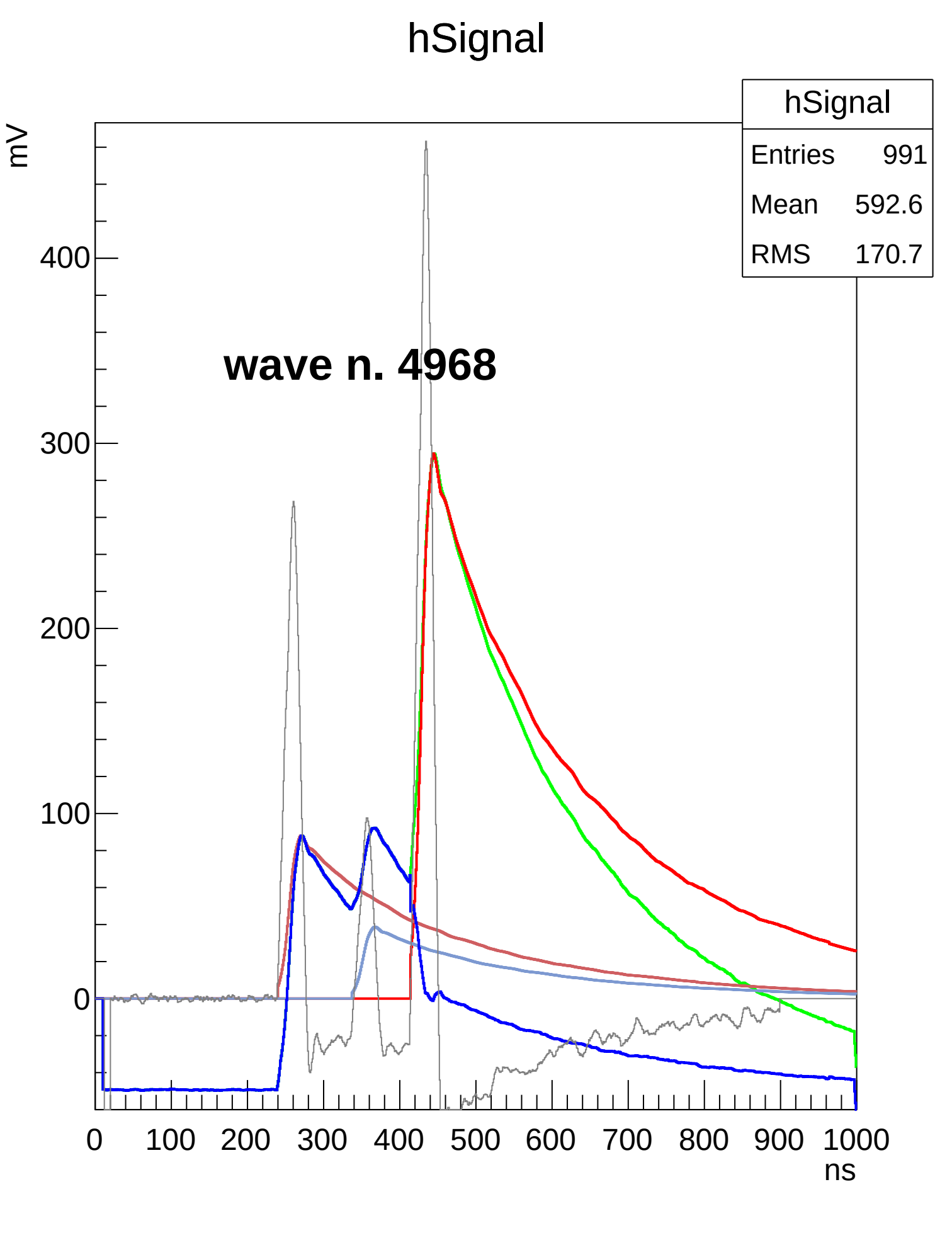
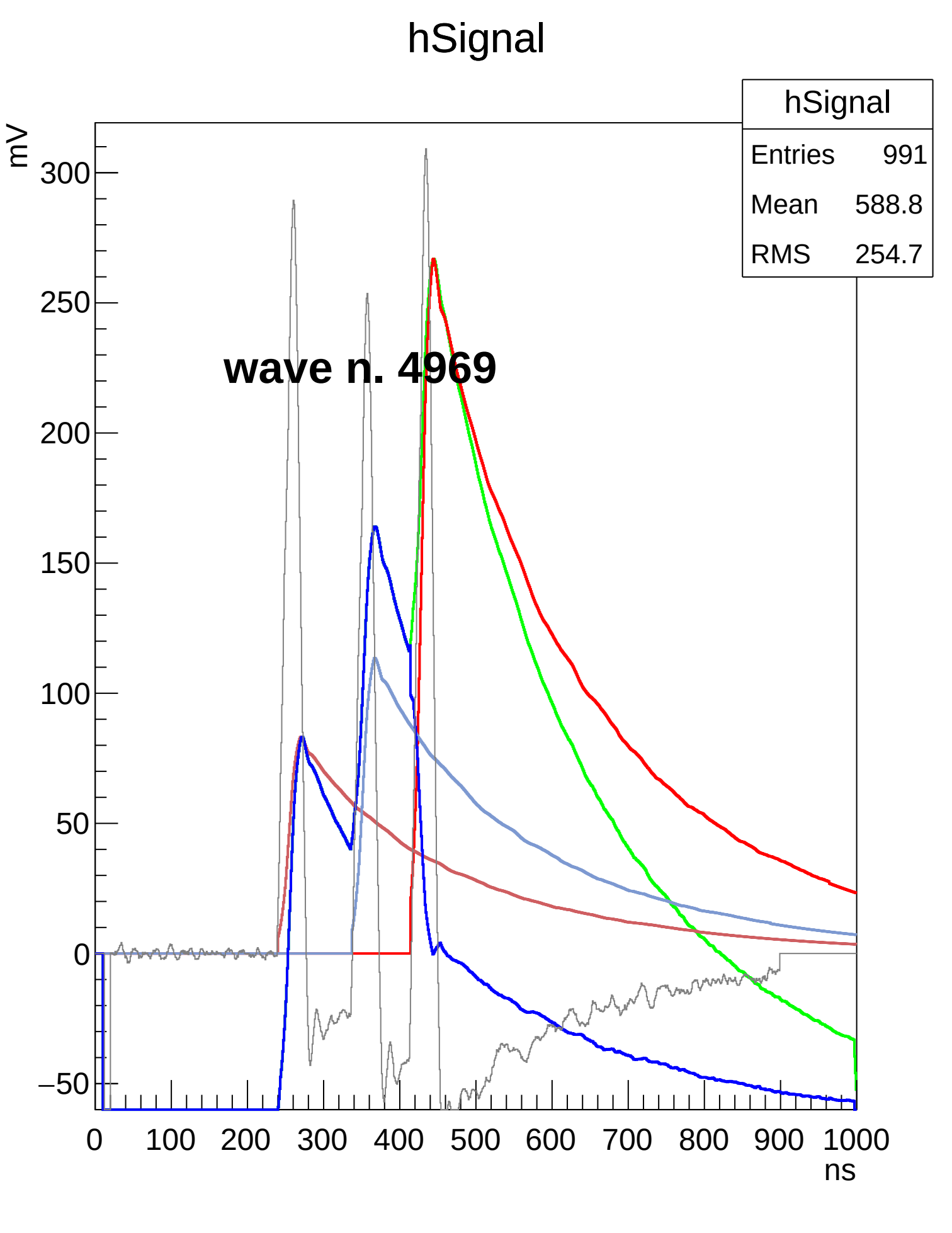
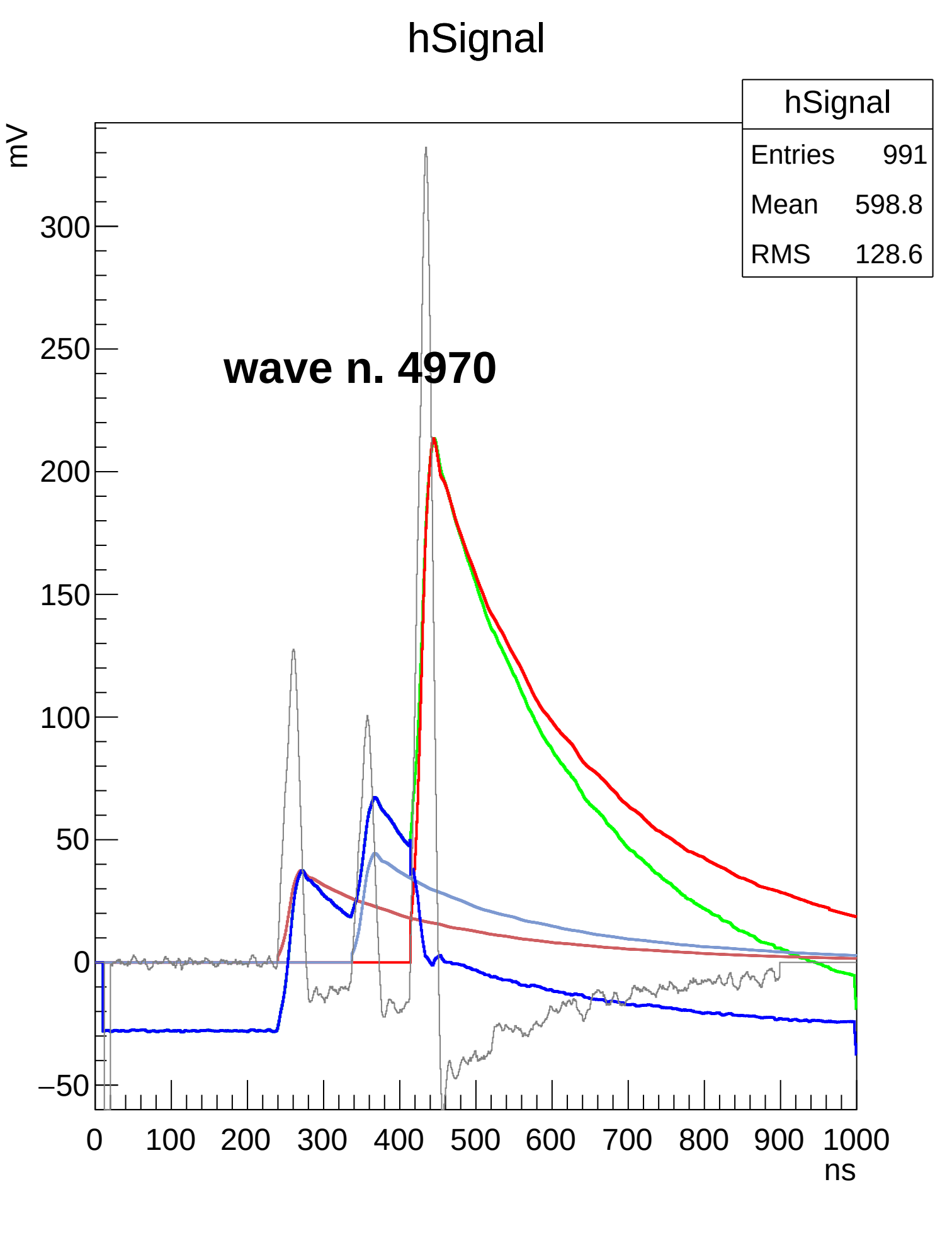
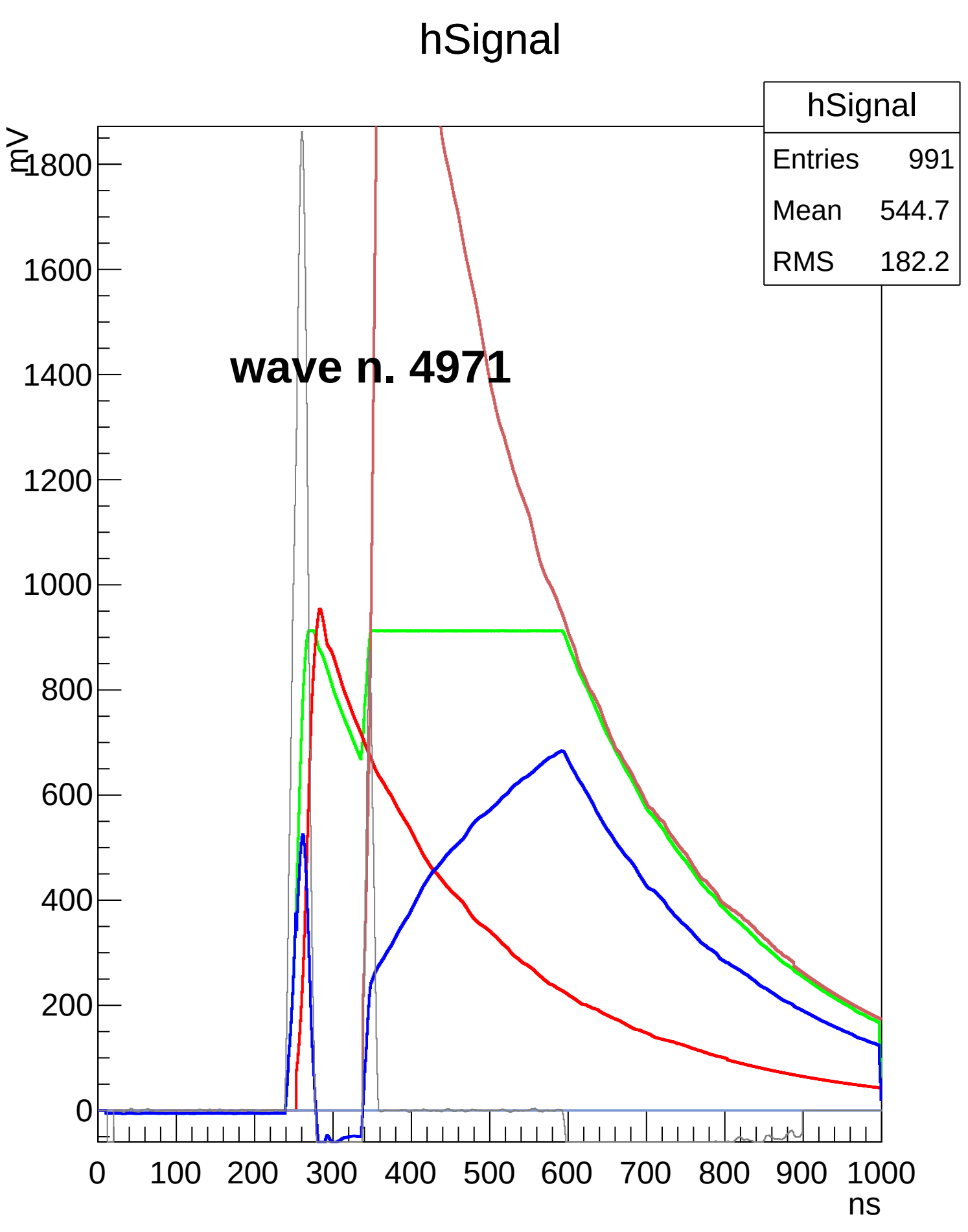
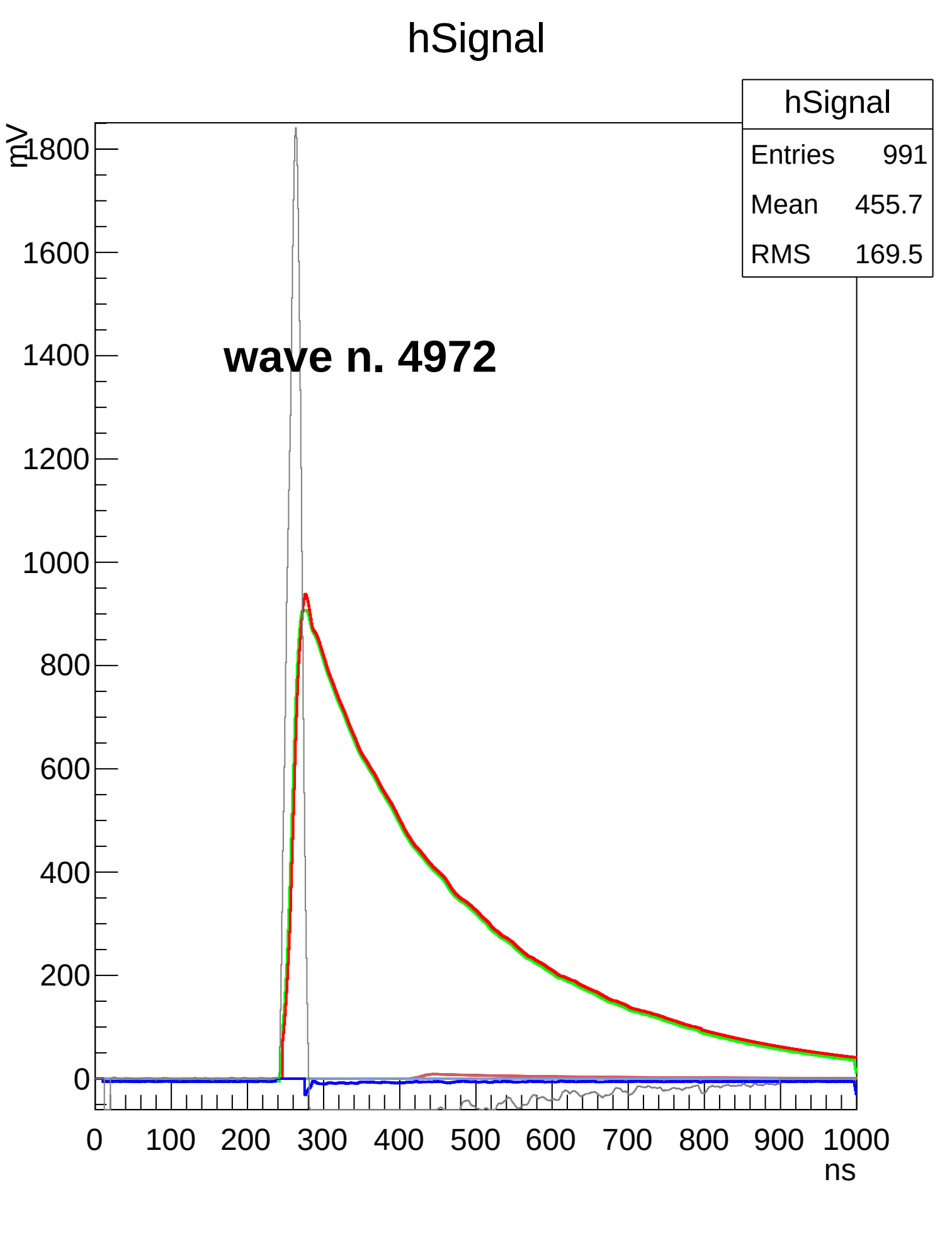
400
500
600
700
800
900
1000
ns

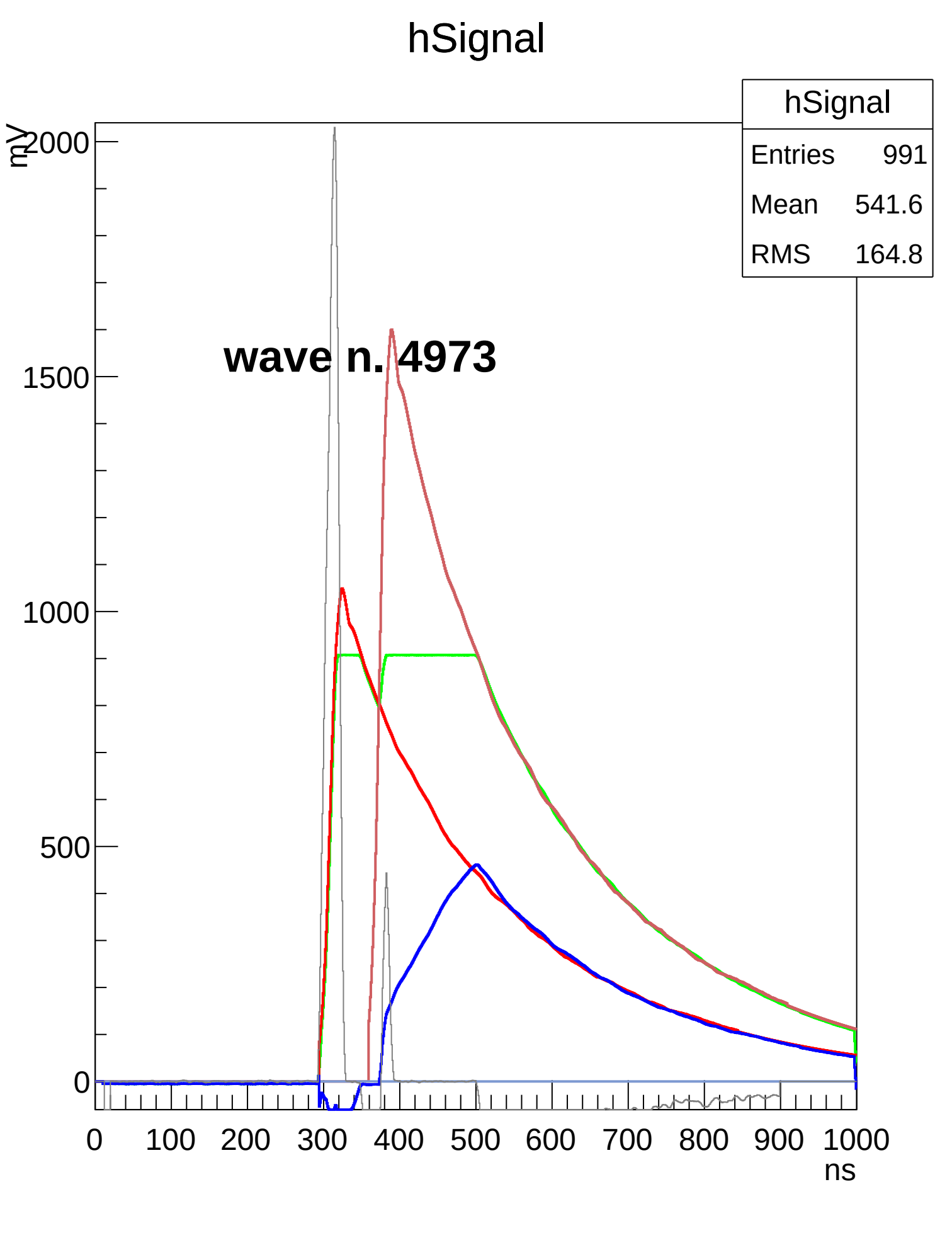

hSignal
hSignal
Entries 991
Mean 592.6
RMS 170.7
wave n. 4968
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns

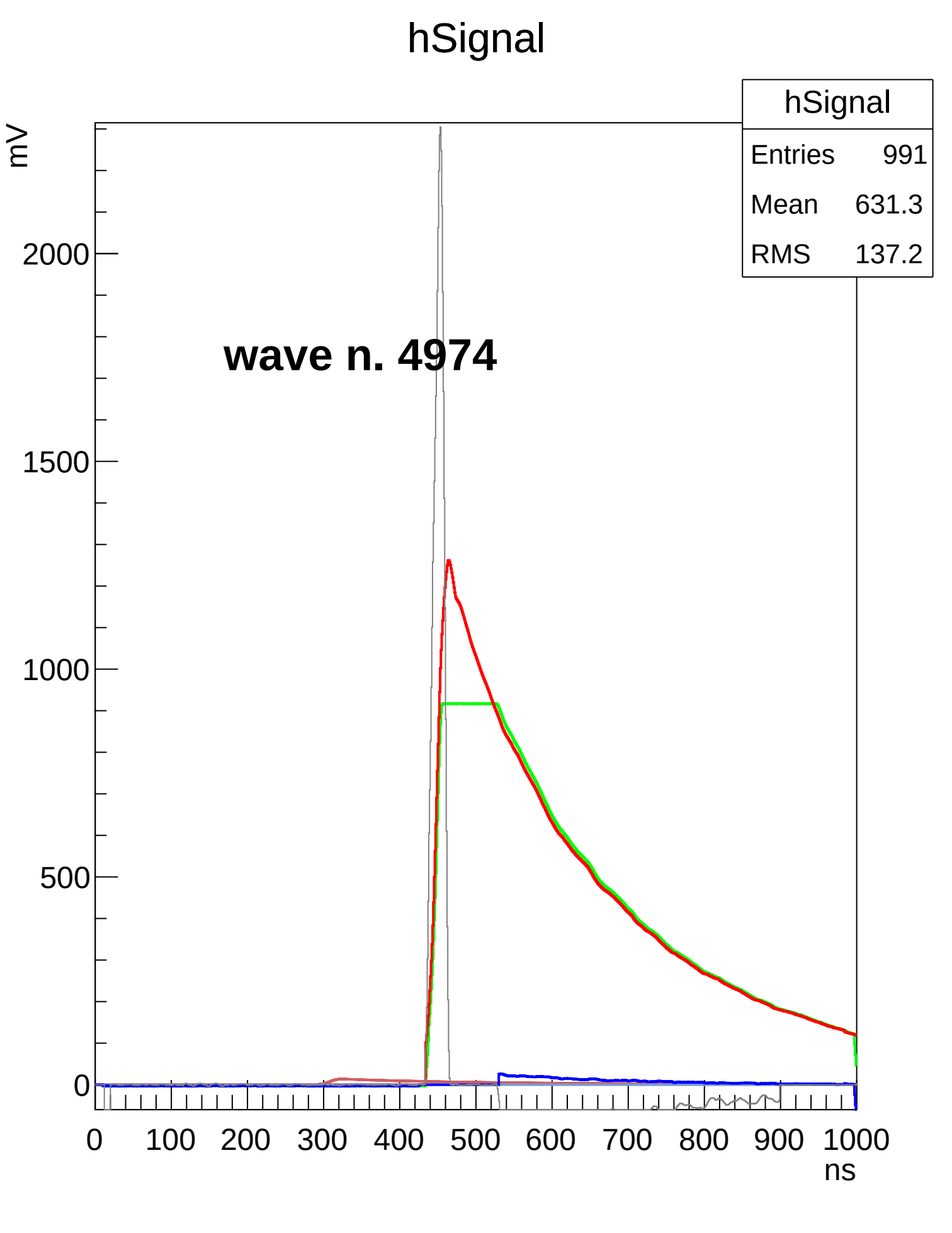

hSignal
hSignal
Entries 991
Mean 588.8
RMS 254.7
wave n. 4969
mV
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

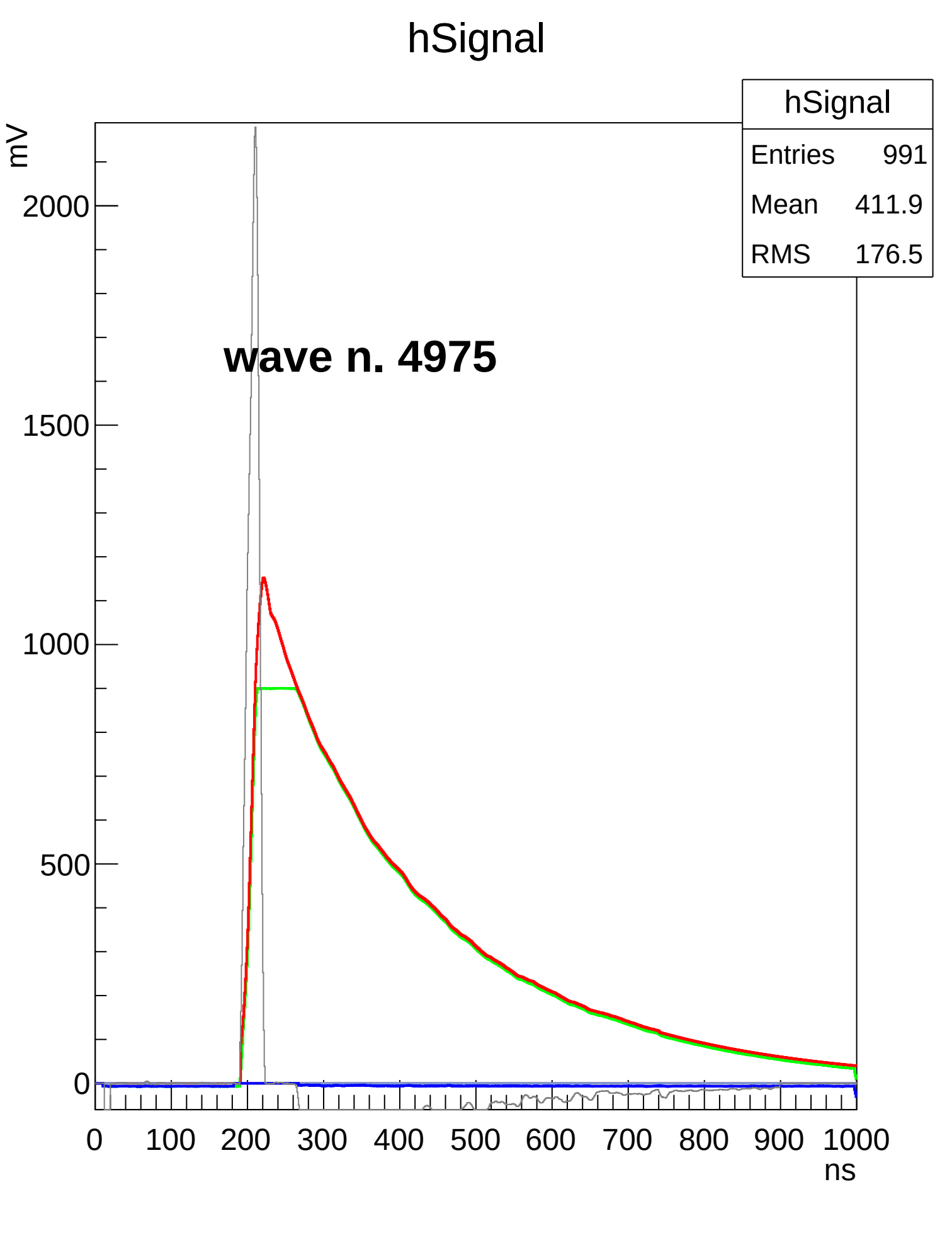

hSignal
hSignal
Entries 991
Mean 598.8
RMS 128.6
wave n. 4970
mV
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

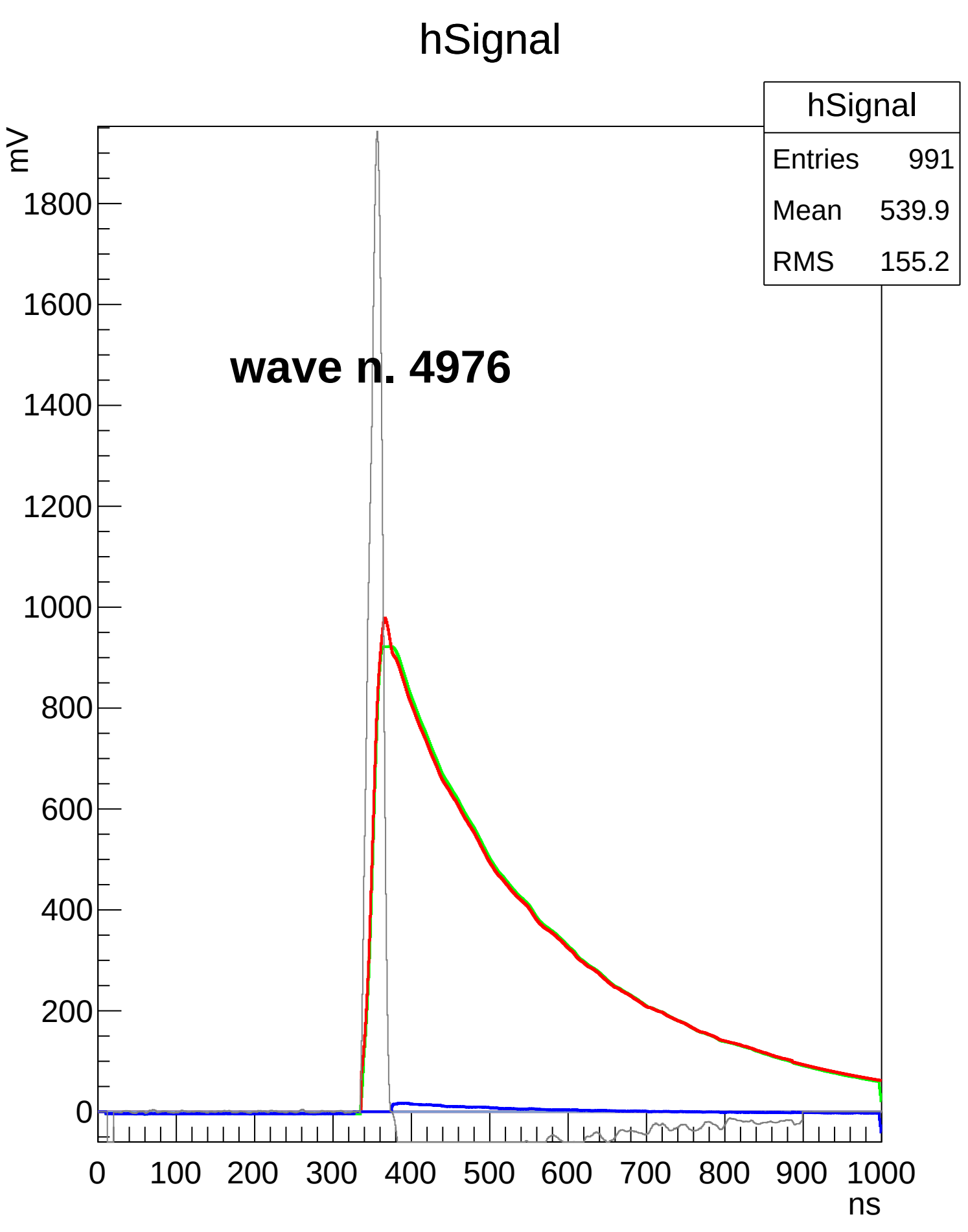

hSignal
hSignal
Entries 991
Mean 544.7
RMS 182.2
wave n. 4971
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

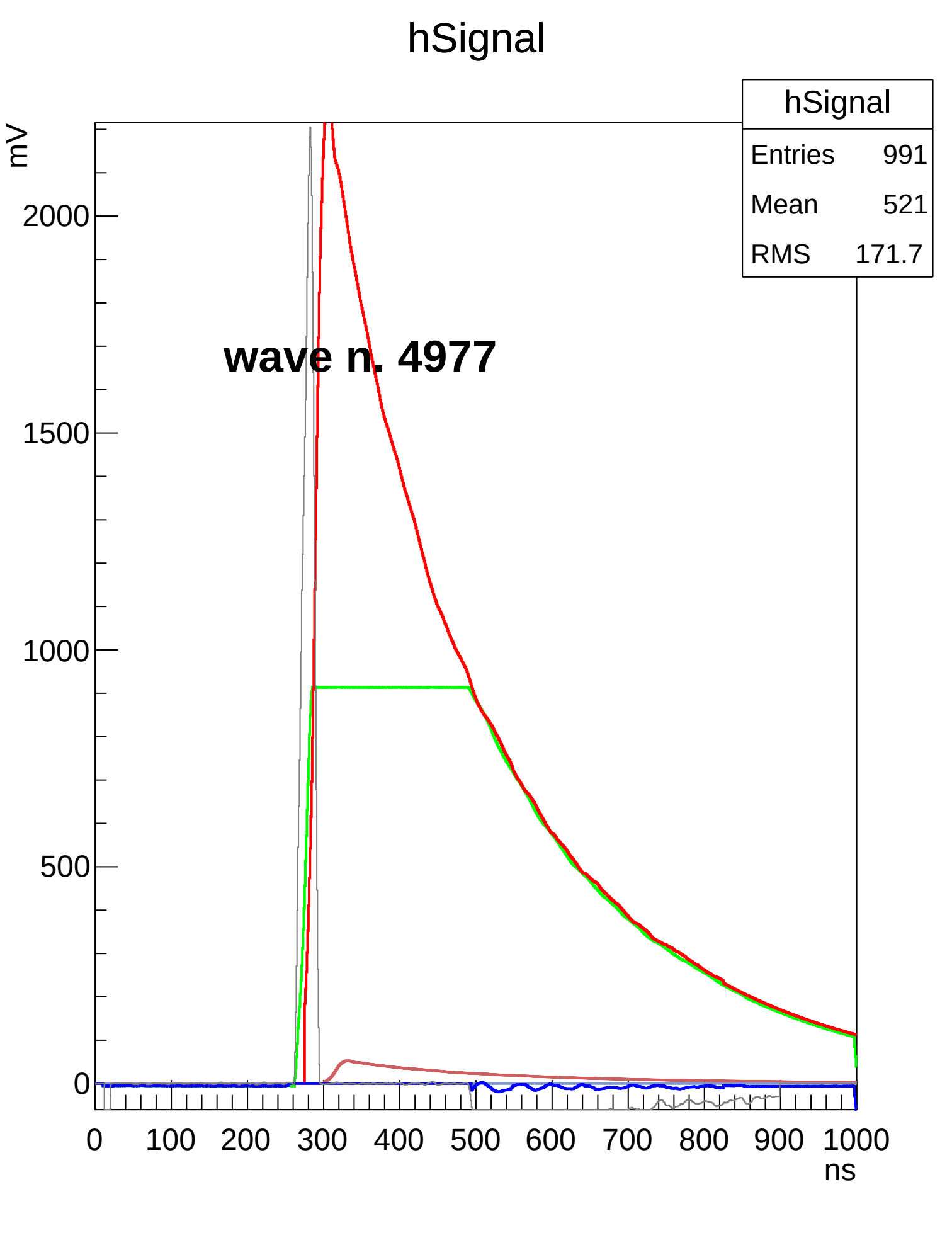

hSignal
hSignal
Entries 991
Mean 455.7
RMS 169.5
wave n. 4972
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

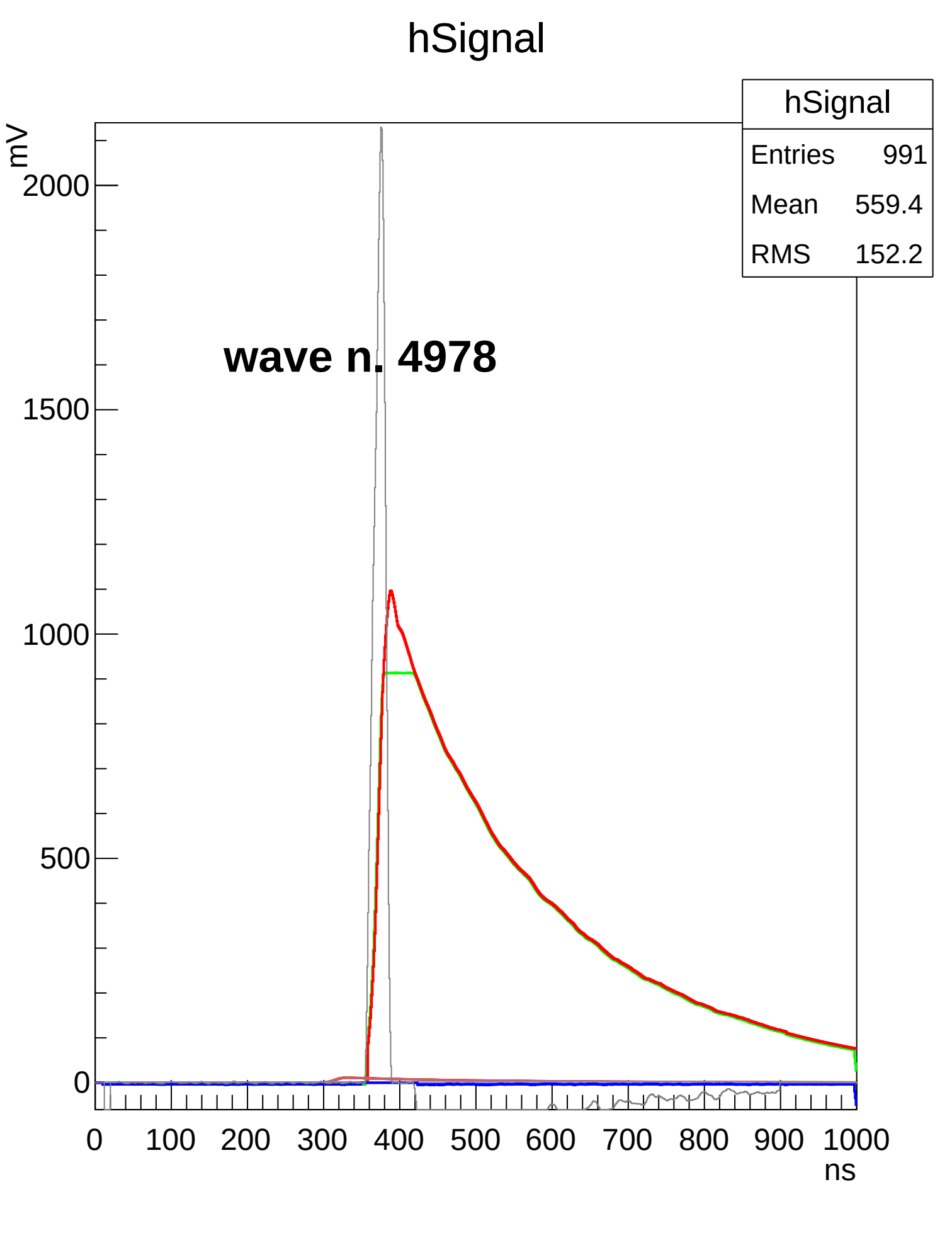

hSignal
hSignal
Entries 991
Mean 541.6
RMS 164.8
wave n. 4973
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 631.3
RMS 137.2
wave n. 4974
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 411.9
RMS 176.5
wave n. 4975
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.9
RMS 155.2
wave n. 4976
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521
RMS 171.7
wave n. 4977
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 559.4
RMS 152.2
wave n. 4978
mV
2000
1500
1000
500
0
0
100
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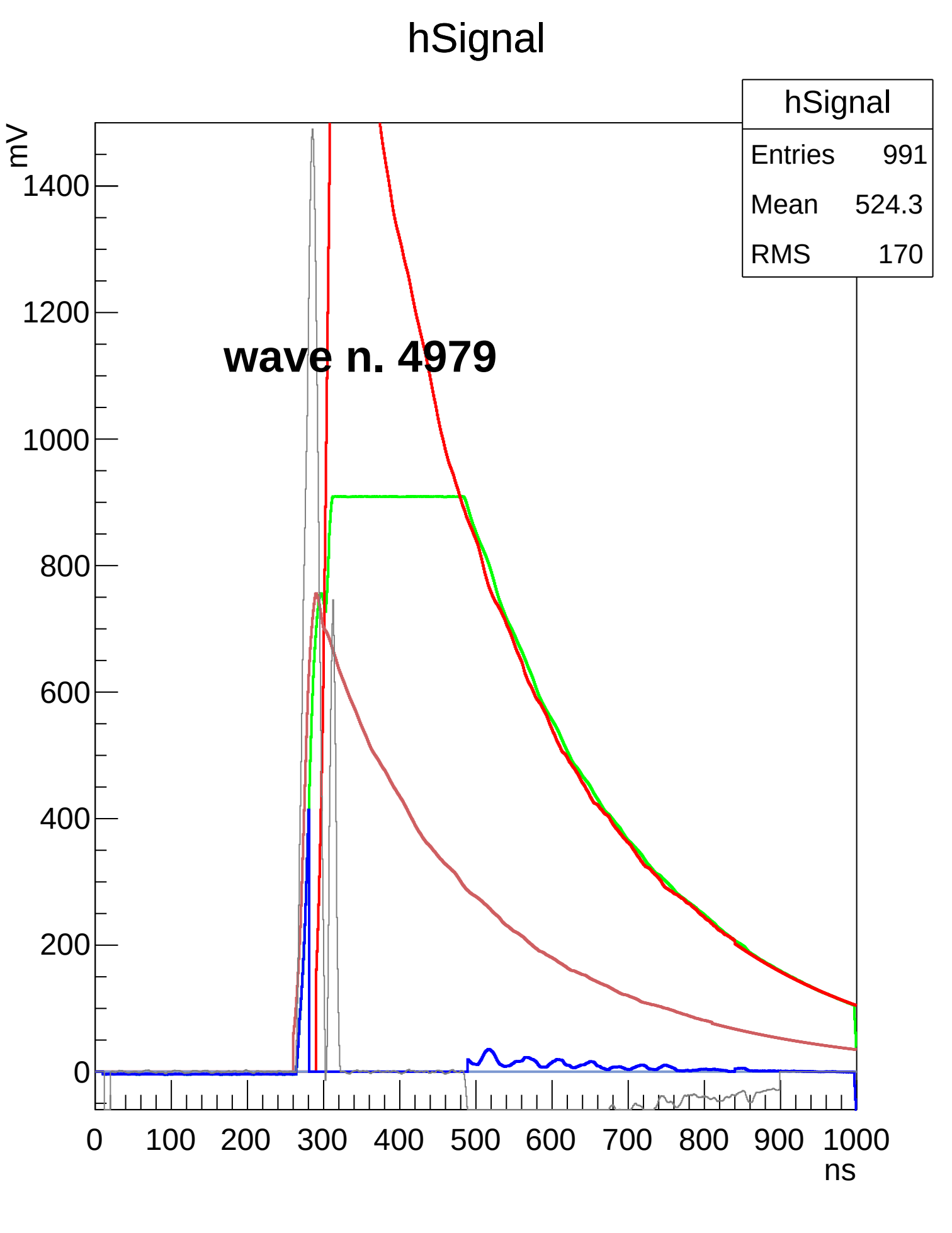
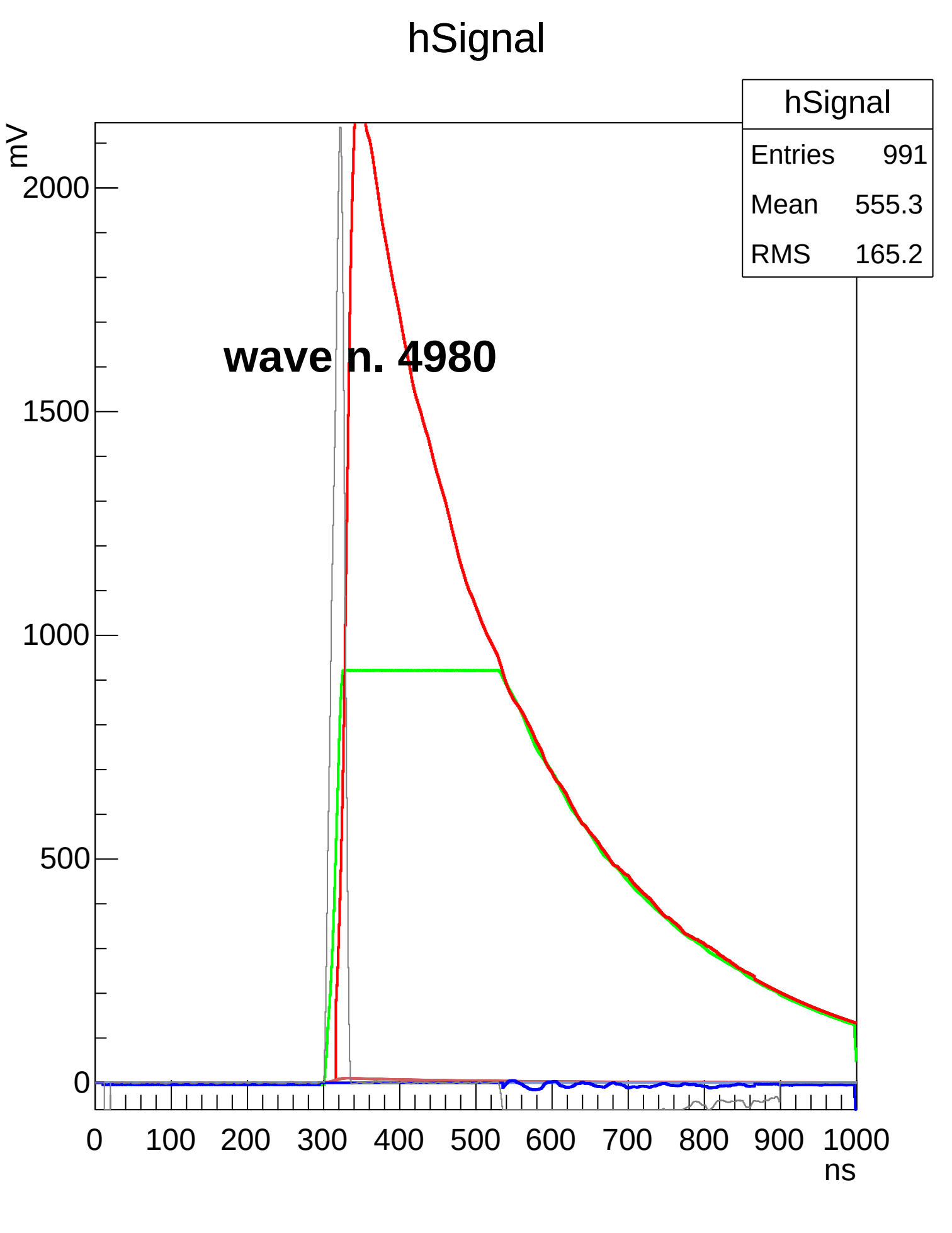
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 524.3
RMS 170
wave n. 4979
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 555.3
RMS 165.2
wave n. 4980
mV
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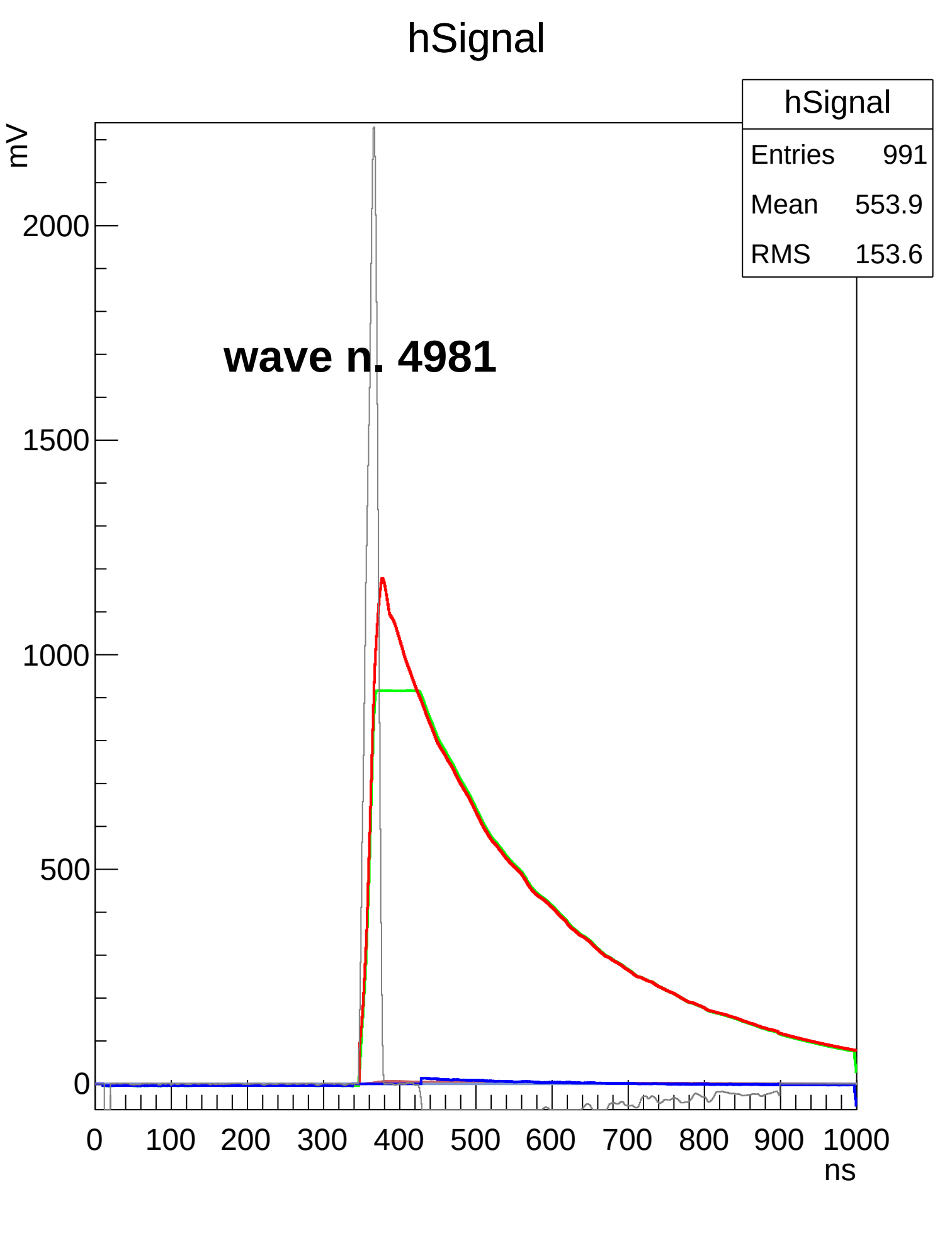
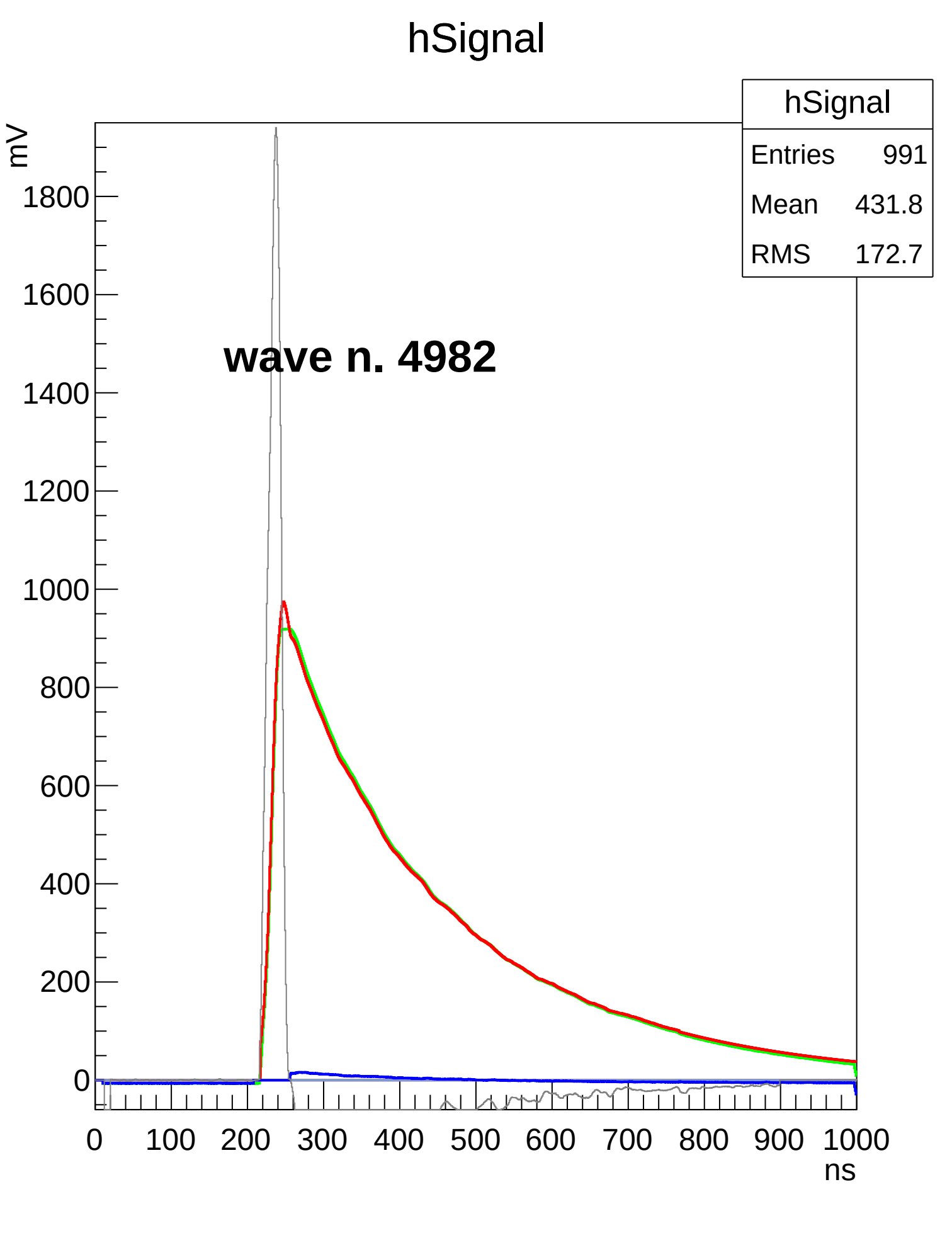
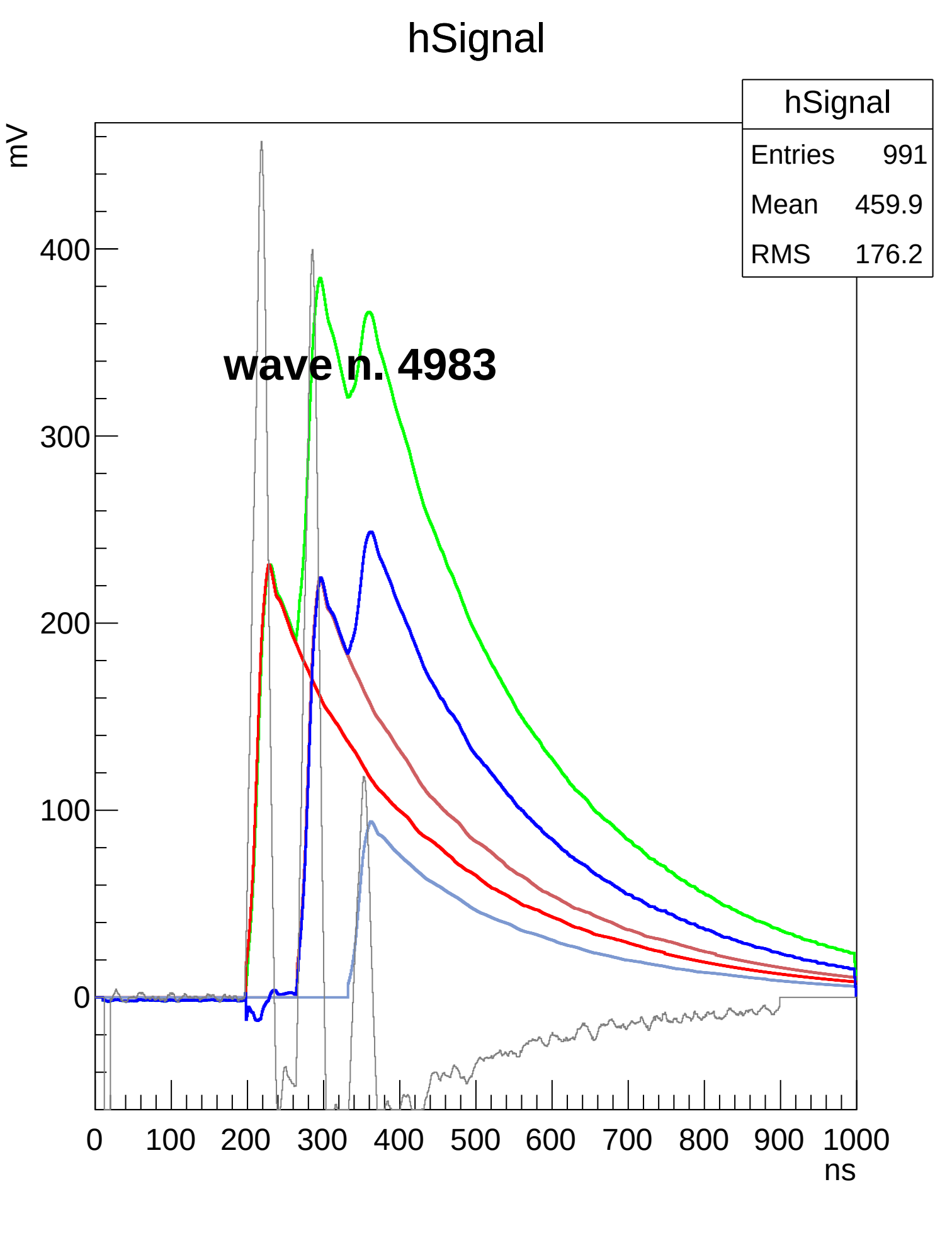
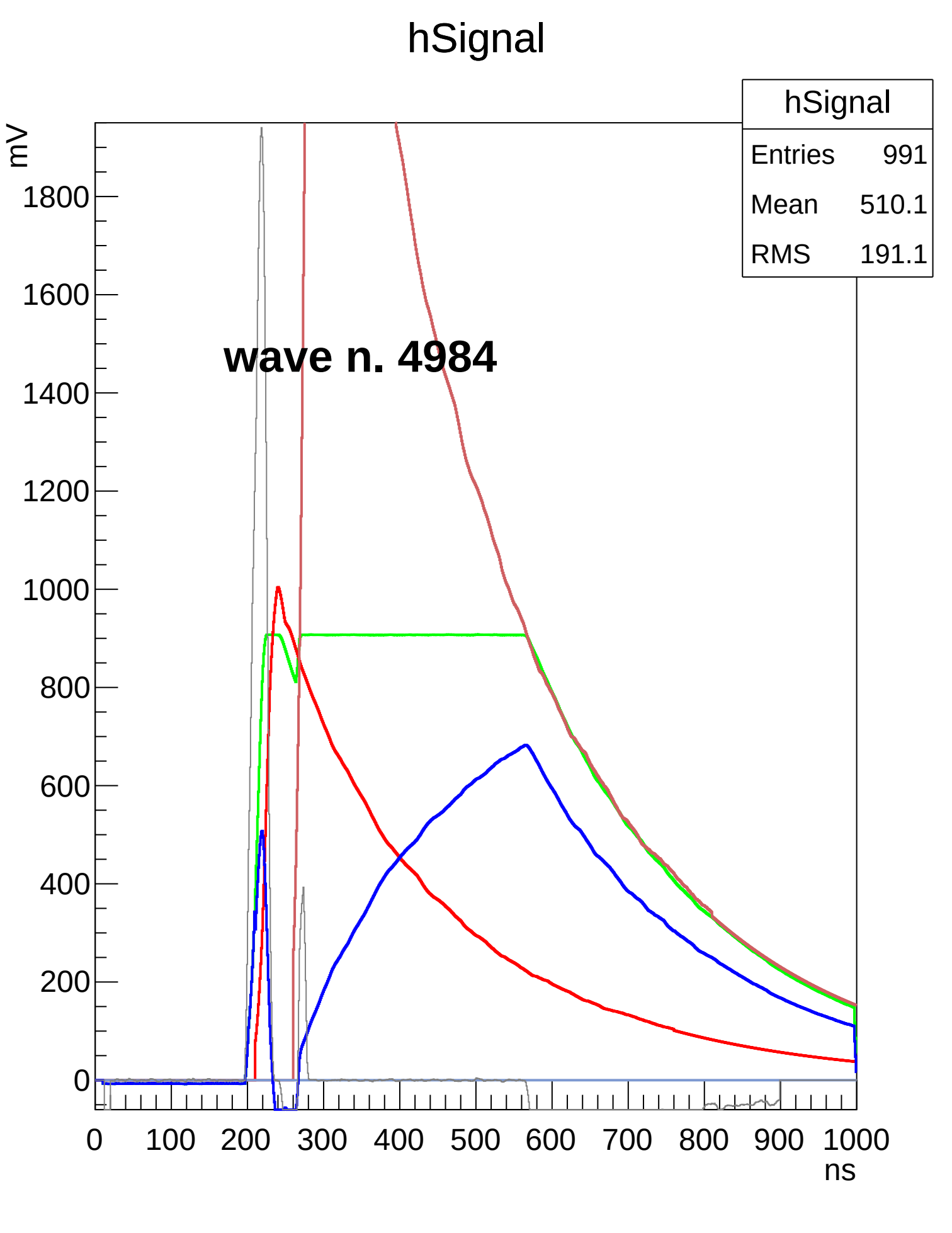
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.9
RMS 153.6
wave n. 4981
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 431.8
RMS 172.7
wave n. 4982
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 459.9
RMS 176.2
wave n. 4983
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 510.1
RMS 191.1
wave n. 4984
mV
1800
1600
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1200
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600
400
200
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100
200
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400
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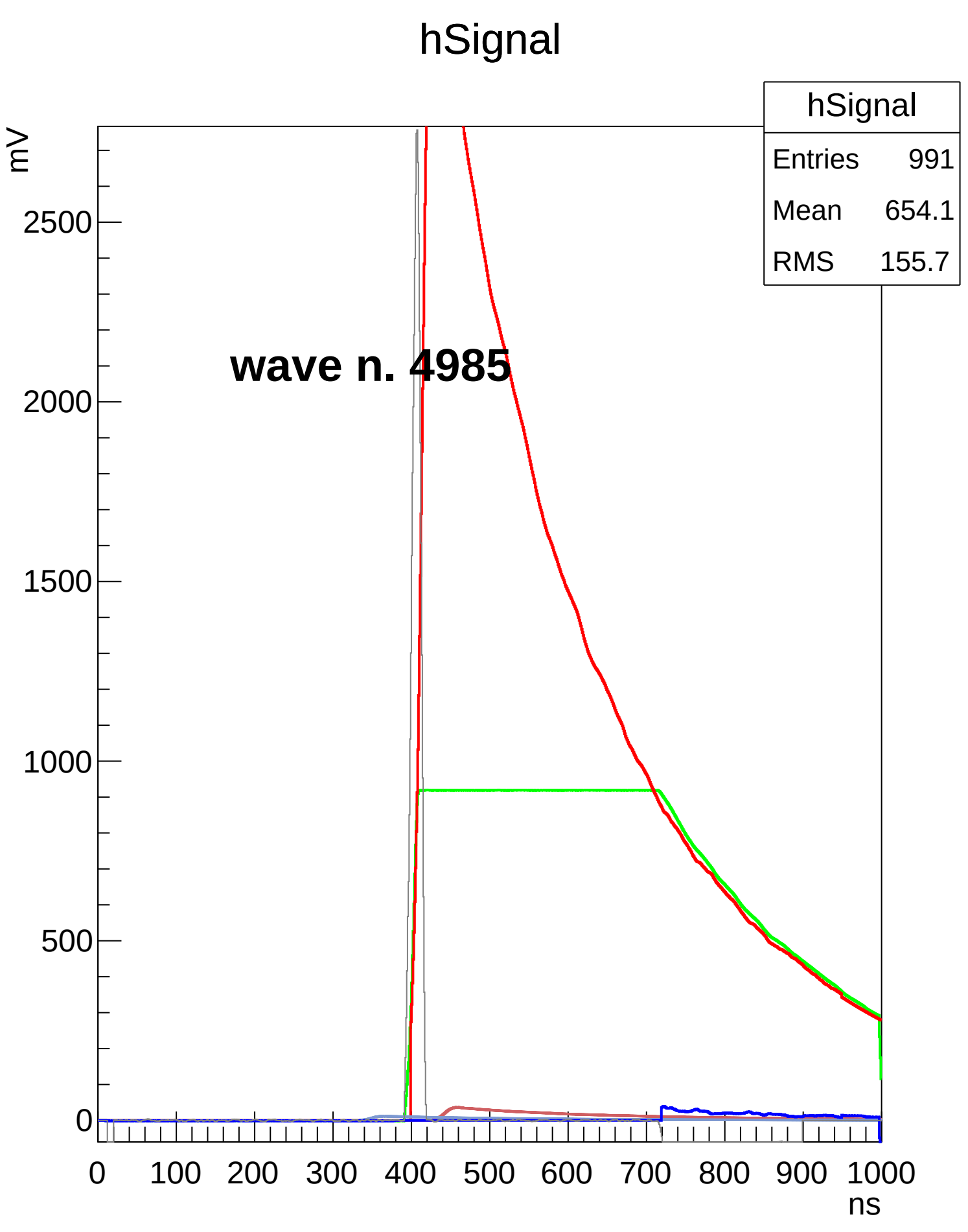
1000
ns


hSignal
hSignal
Entries 991
Mean 654.1
RMS 155.7
wave n. 4985
mV
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1500
1000
500
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400
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600
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800
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1000
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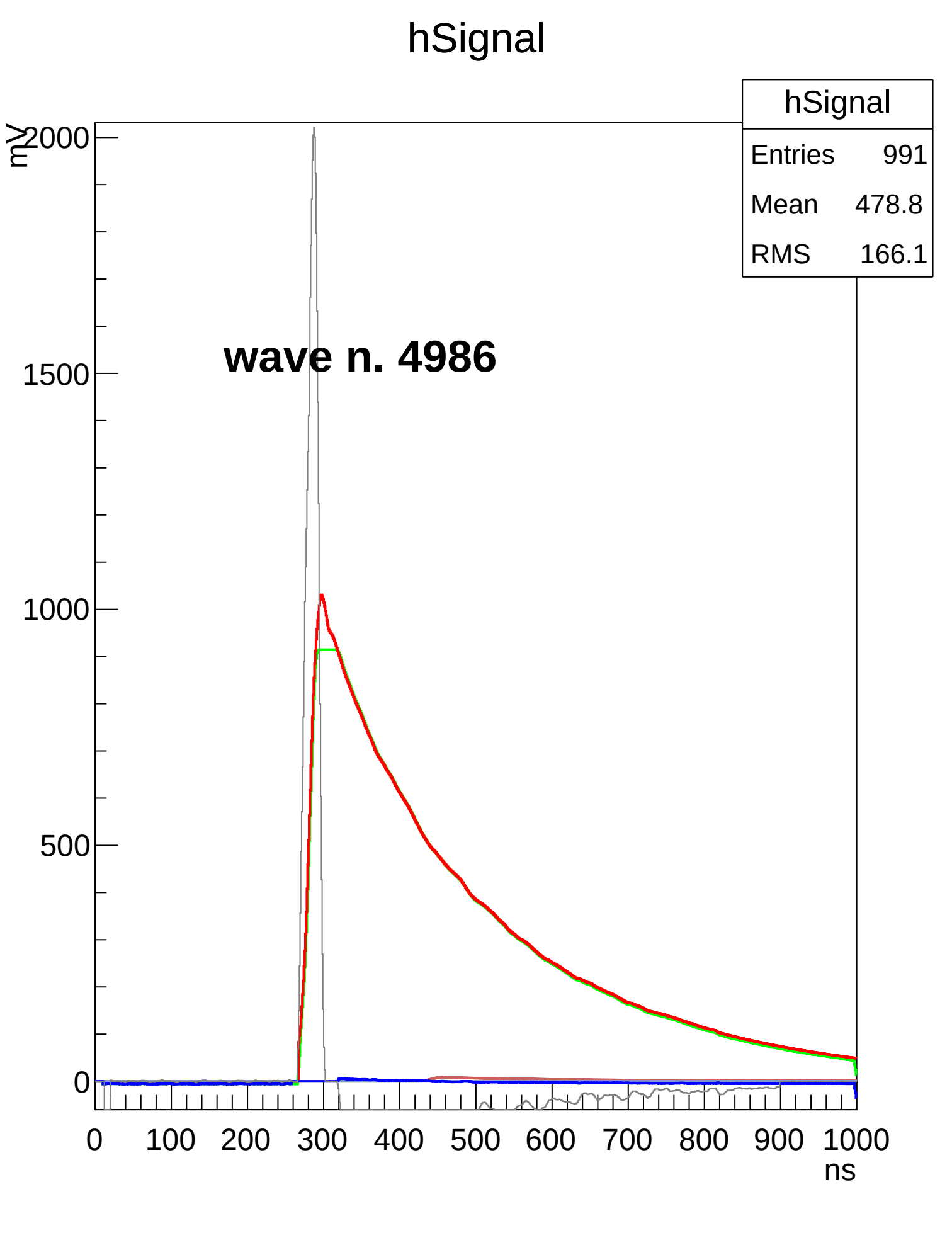
hSignal
hSignal
Entries 991
Mean 478.8
RMS 166.1
wave n. 4986
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1000
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0
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400
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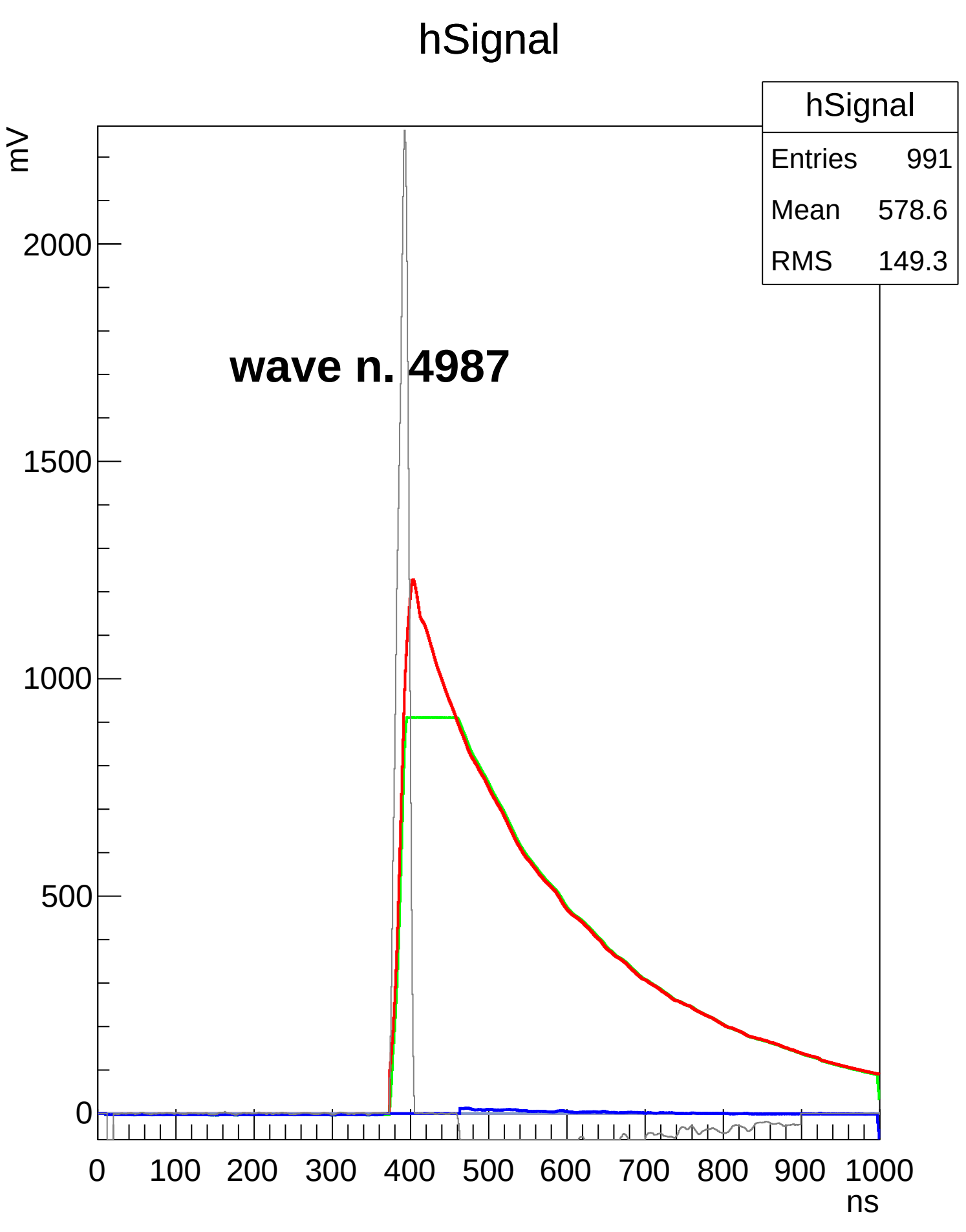
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578.6
RMS 149.3
wave n. 4987
mV
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1000
500
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100
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400
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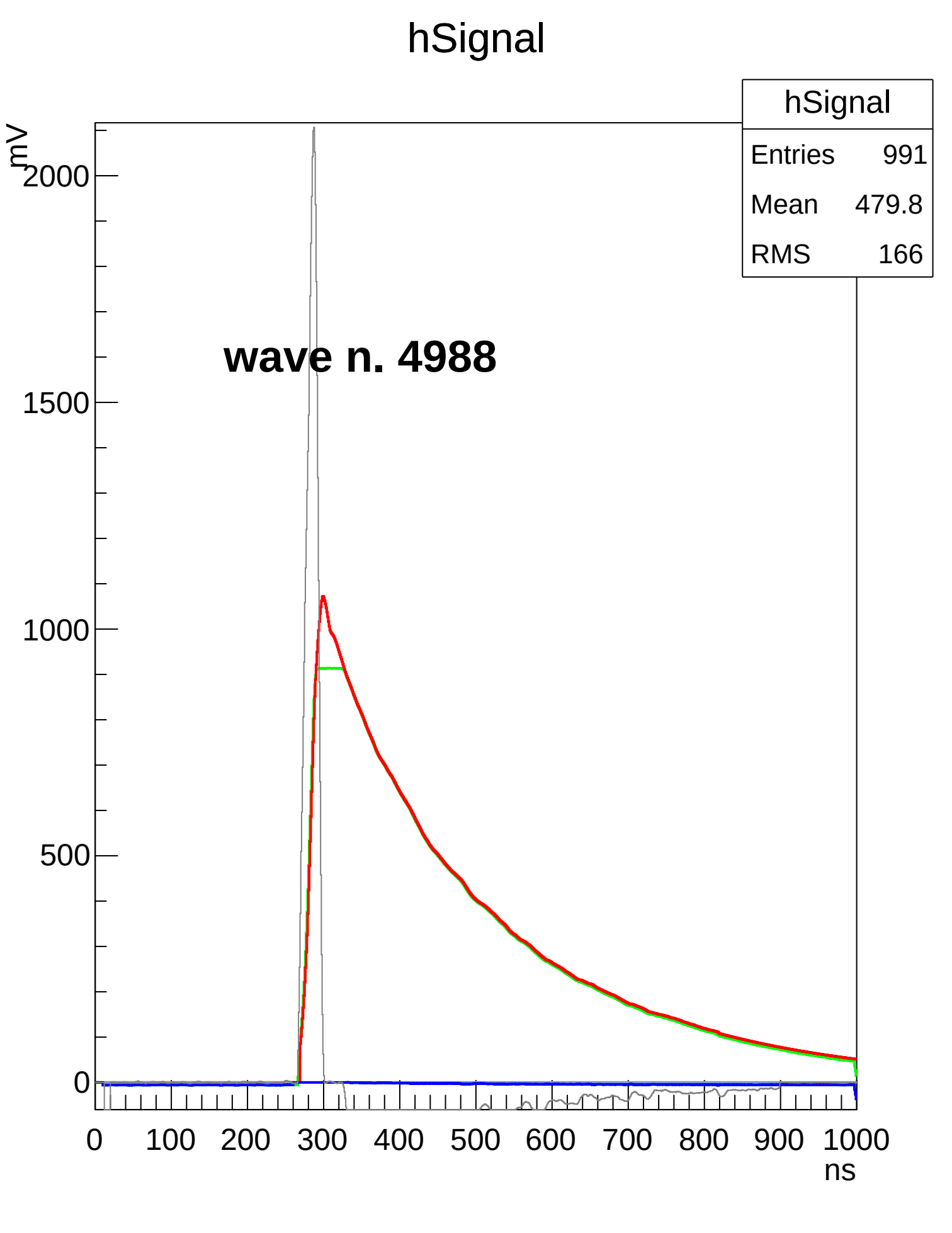
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 479.8
RMS 166
wave n. 4988
mV
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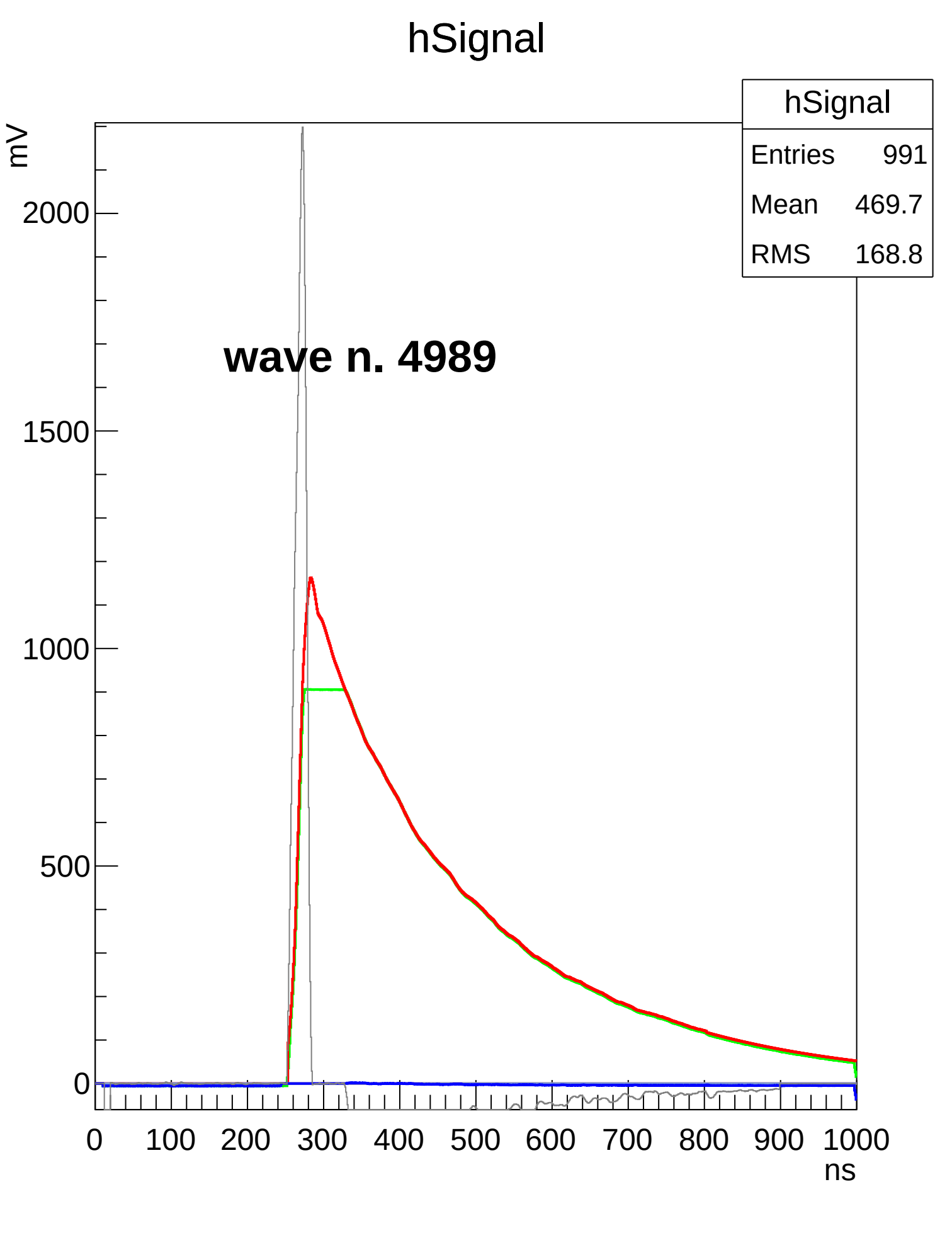
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 469.7
RMS 168.8
wave n. 4989
mV
2000
1500
1000
500
0
0
100
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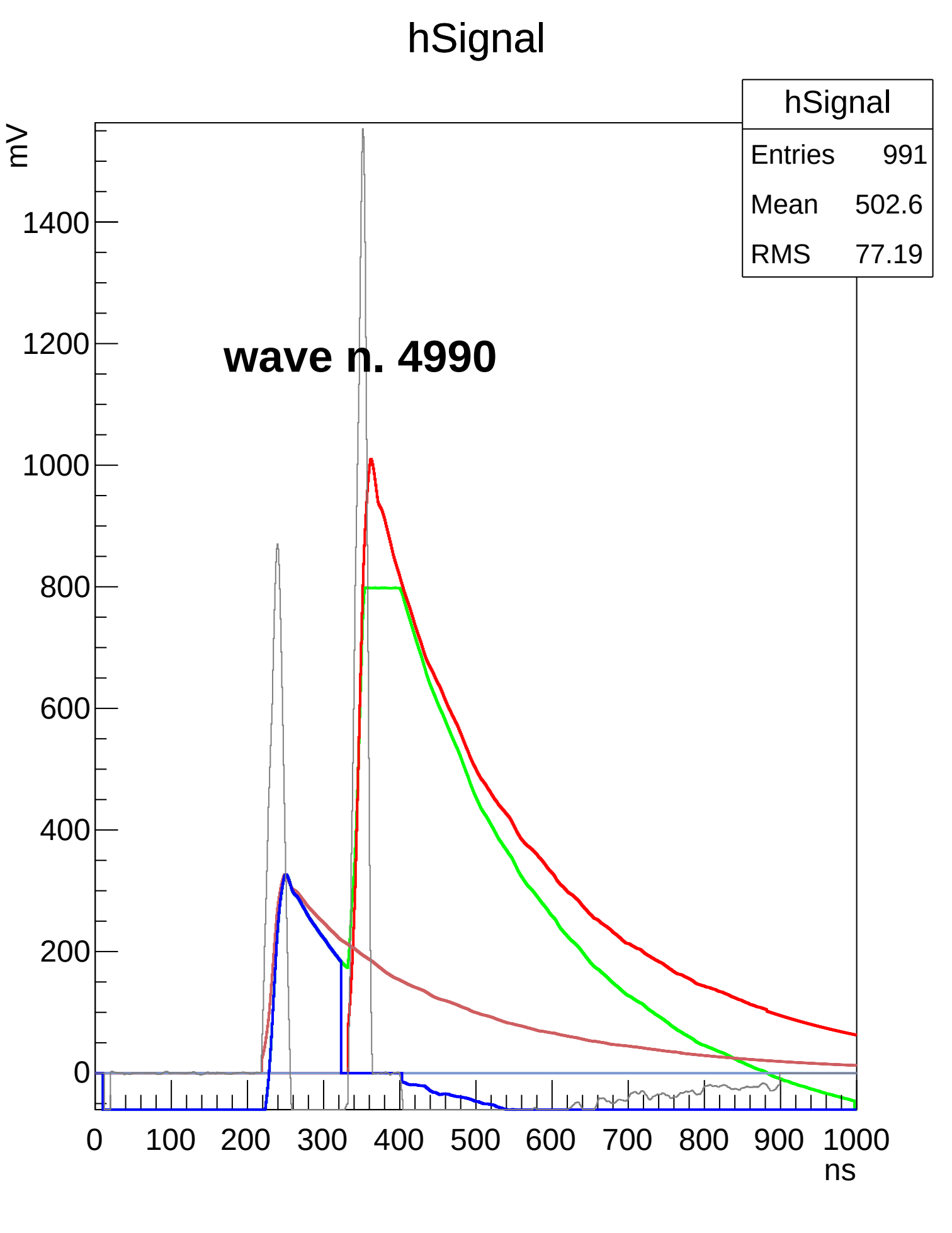
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.6
RMS 77.19
wave n. 4990
mV
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1200
1000
800
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400
200
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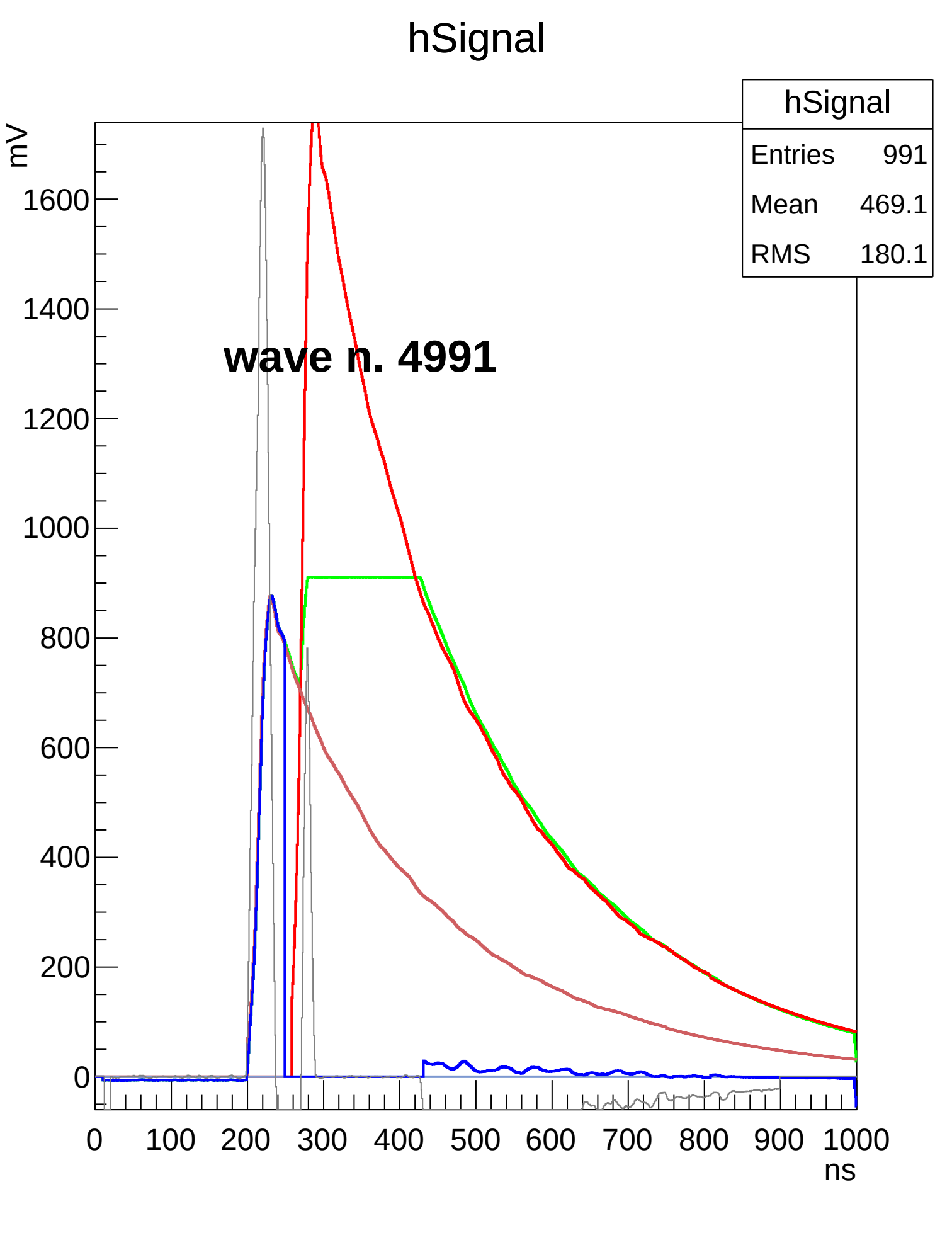
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 469.1
RMS 180.1
wave n. 4991
mV
1600
1400
1200
1000
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600
400
200
0
0
100
200
300
400
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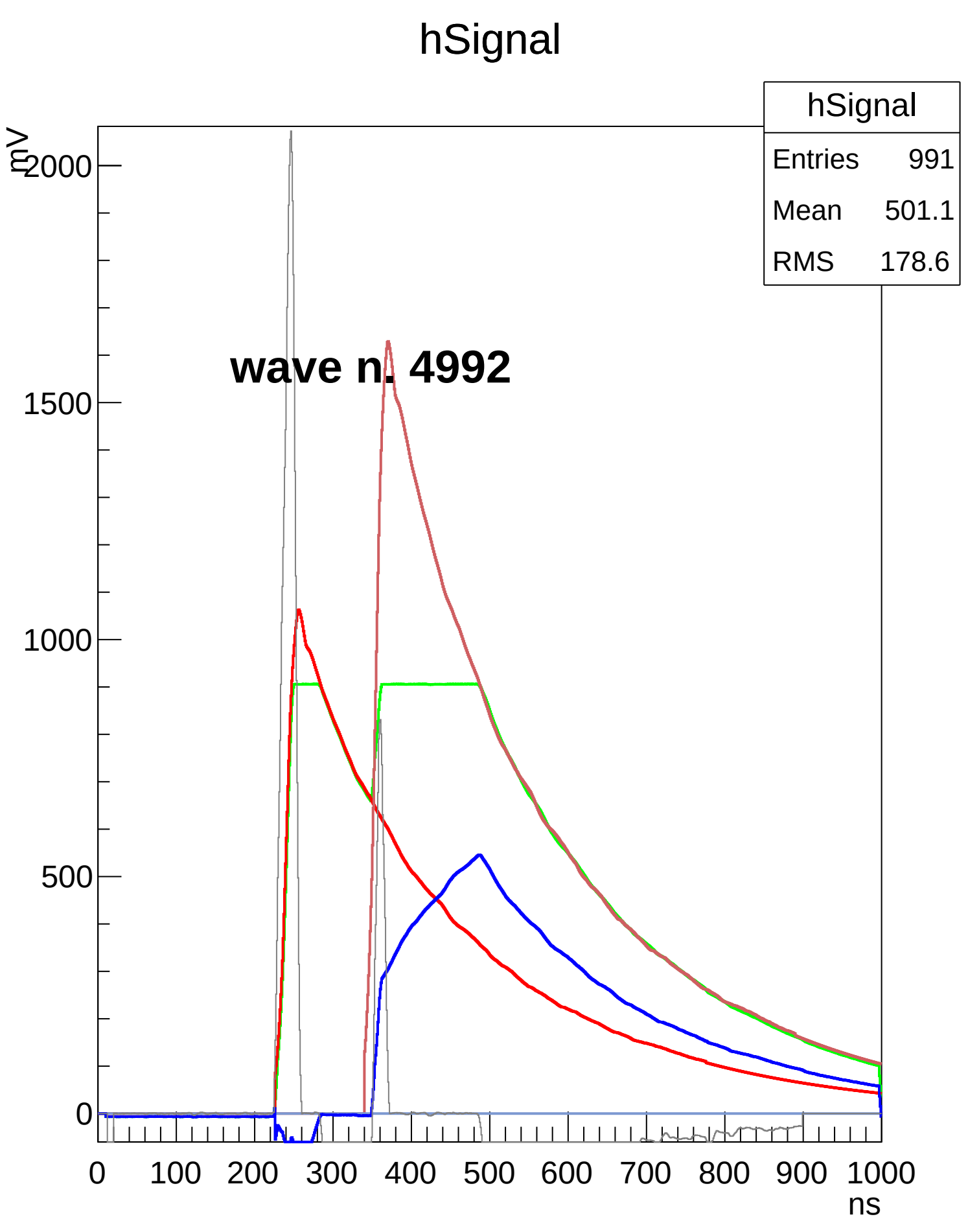
1000
ns


hSignal
hSignal
Entries 991
Mean 501.1
RMS 178.6
wave n. 4992
mV
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1500
1000
500
0
0
100
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400
500
600
700
800
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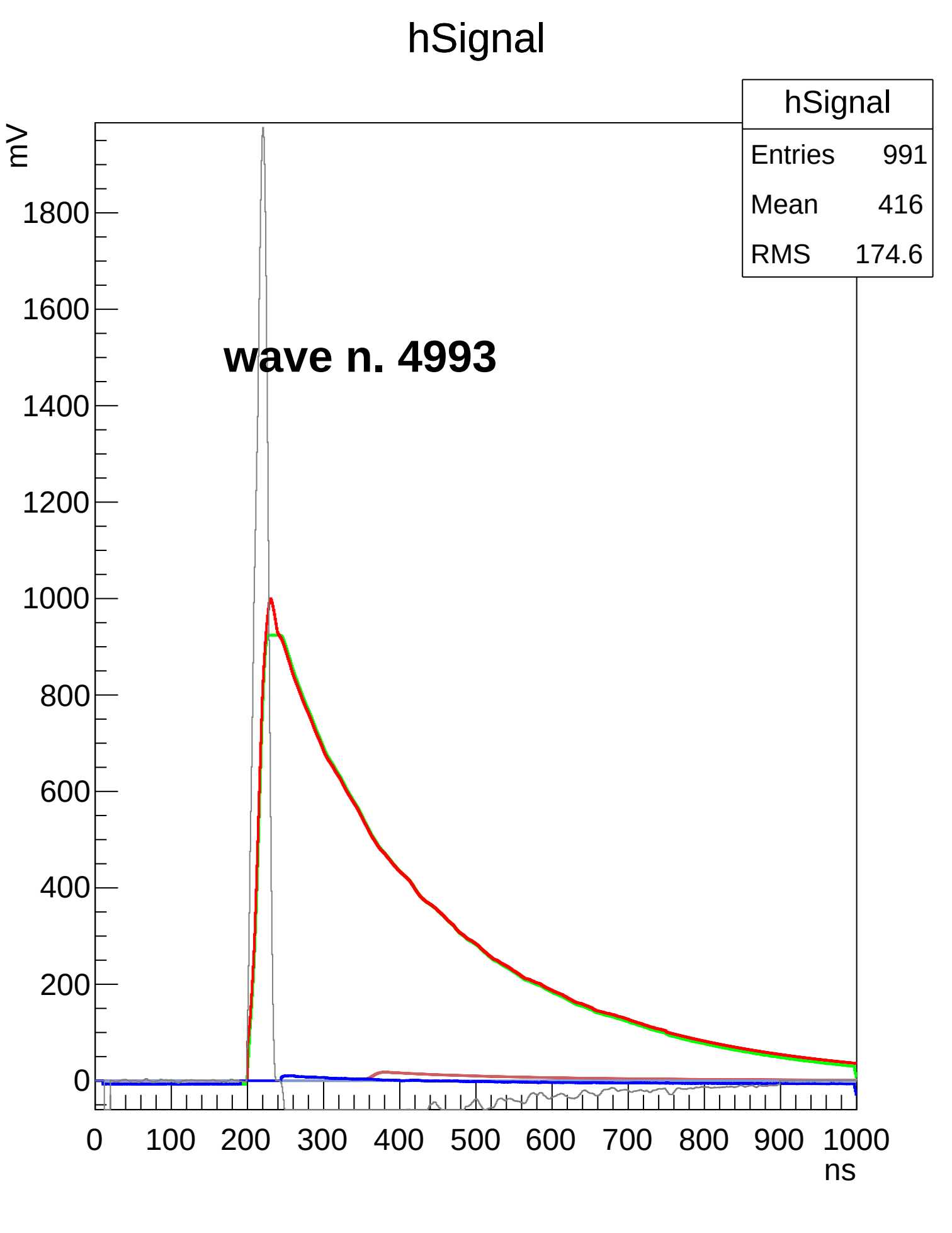
1000
ns


hSignal
hSignal
Entries 991
Mean 416
RMS 174.6
wave n. 4993
mV
1800
1600
1400
1200
1000
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600
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200
0
0
100
200
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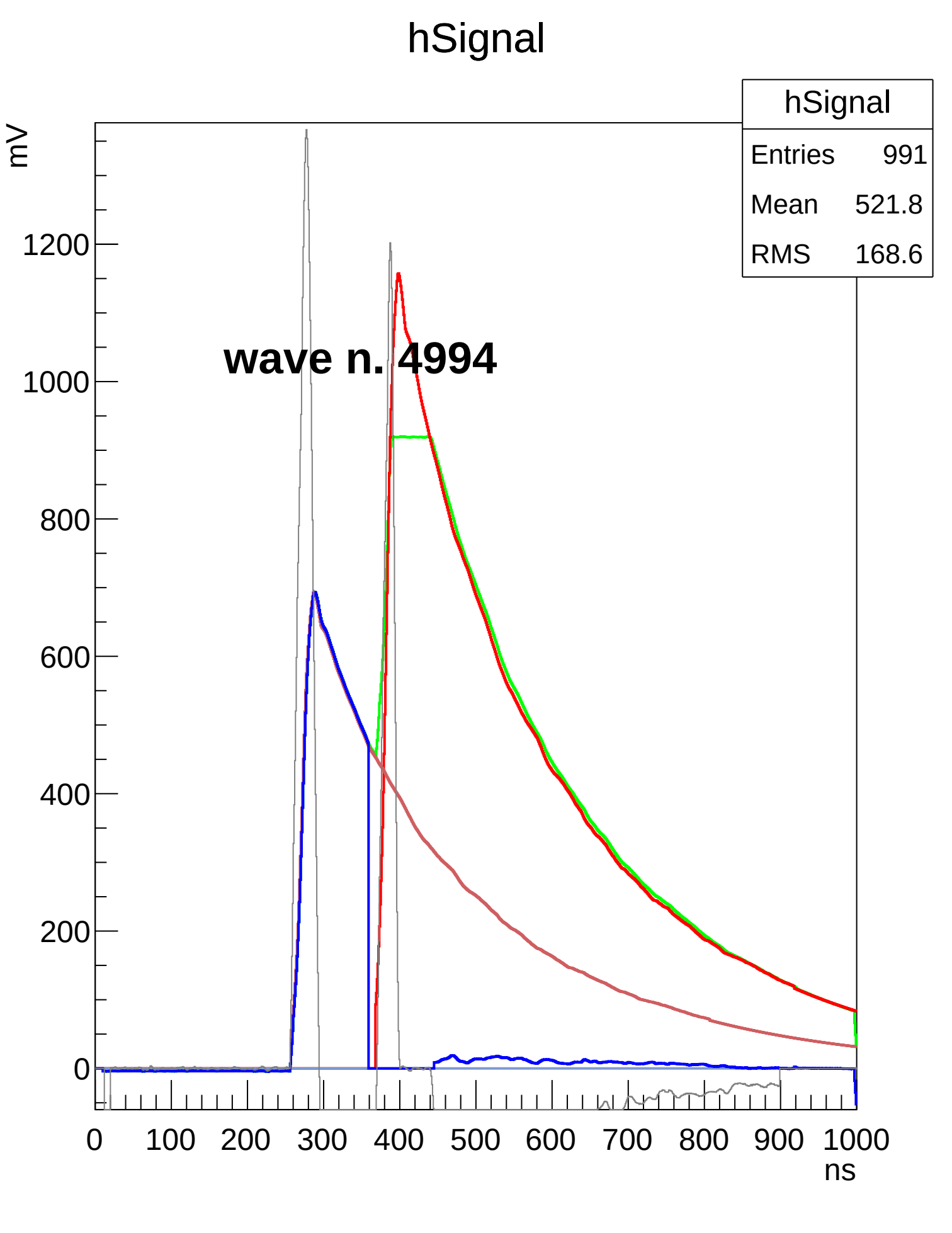
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521.8
RMS 168.6
wave n. 4994
mV
1200
1000
800
600
400
200
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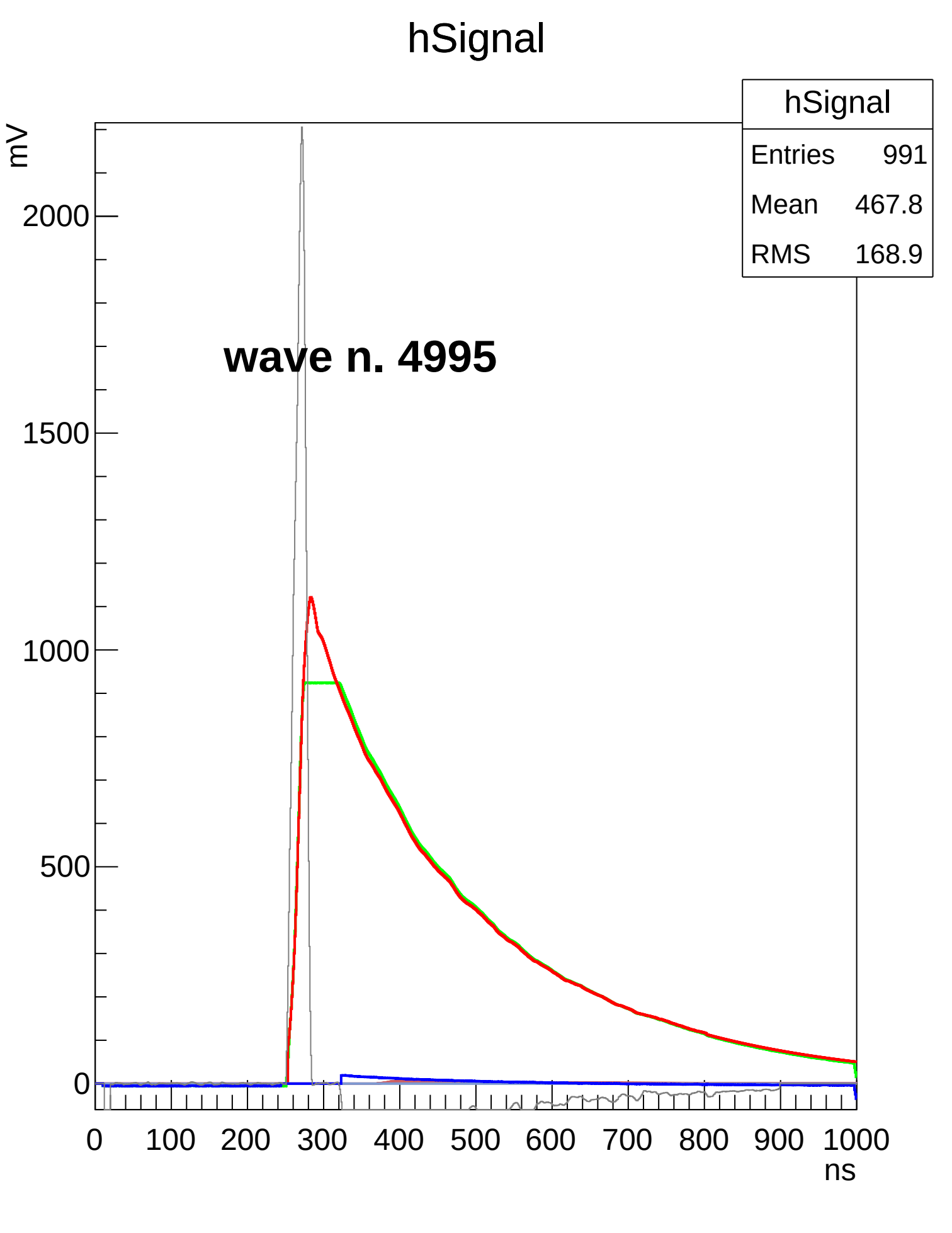
ns


hSignal
hSignal
Entries 991
Mean 467.8
RMS 168.9
wave n. 4995
mV
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1000
500
0
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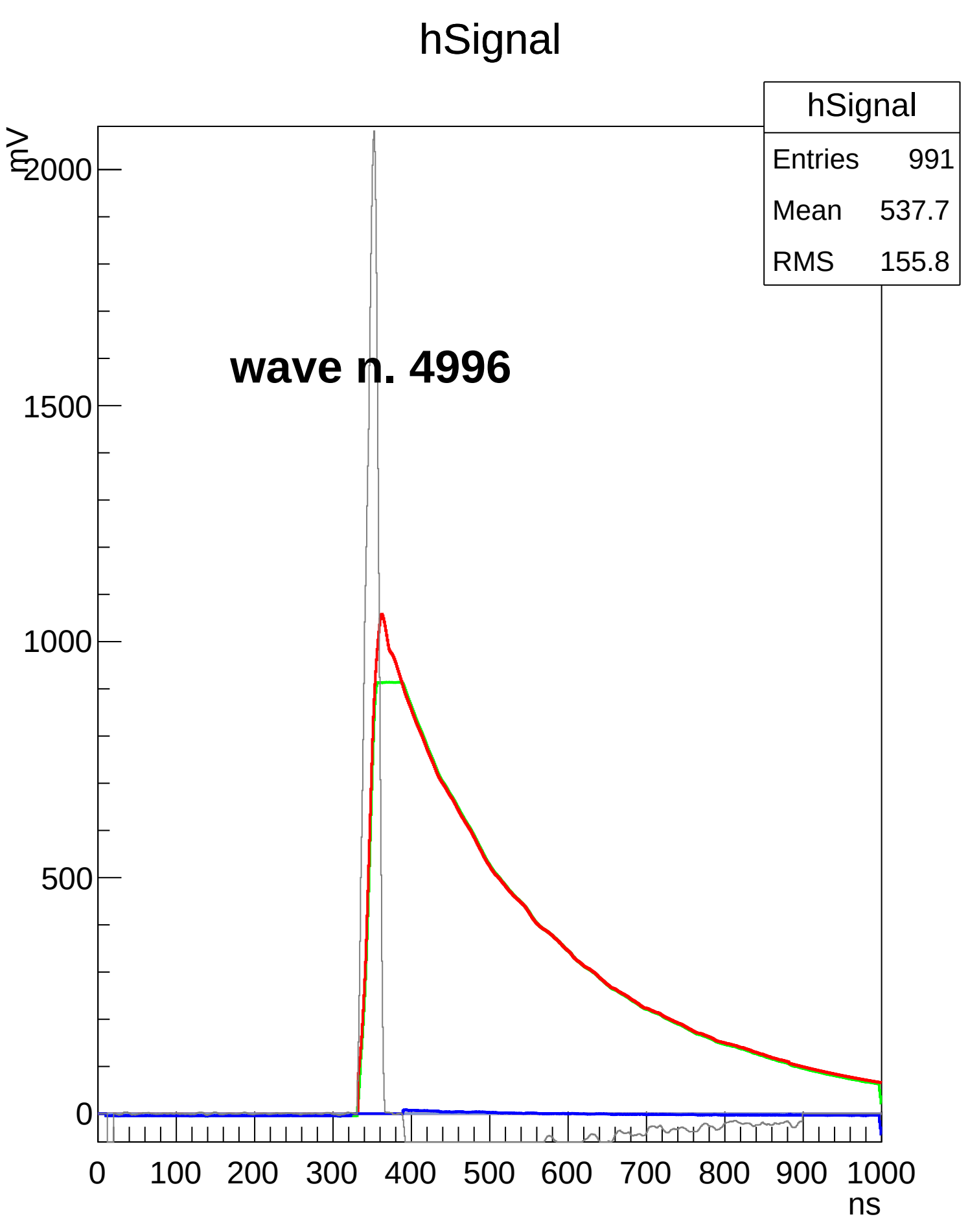
ns


hSignal
hSignal
Entries 991
Mean 537.7
RMS 155.8
wave n. 4996
mV
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1500
1000
500
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0
100
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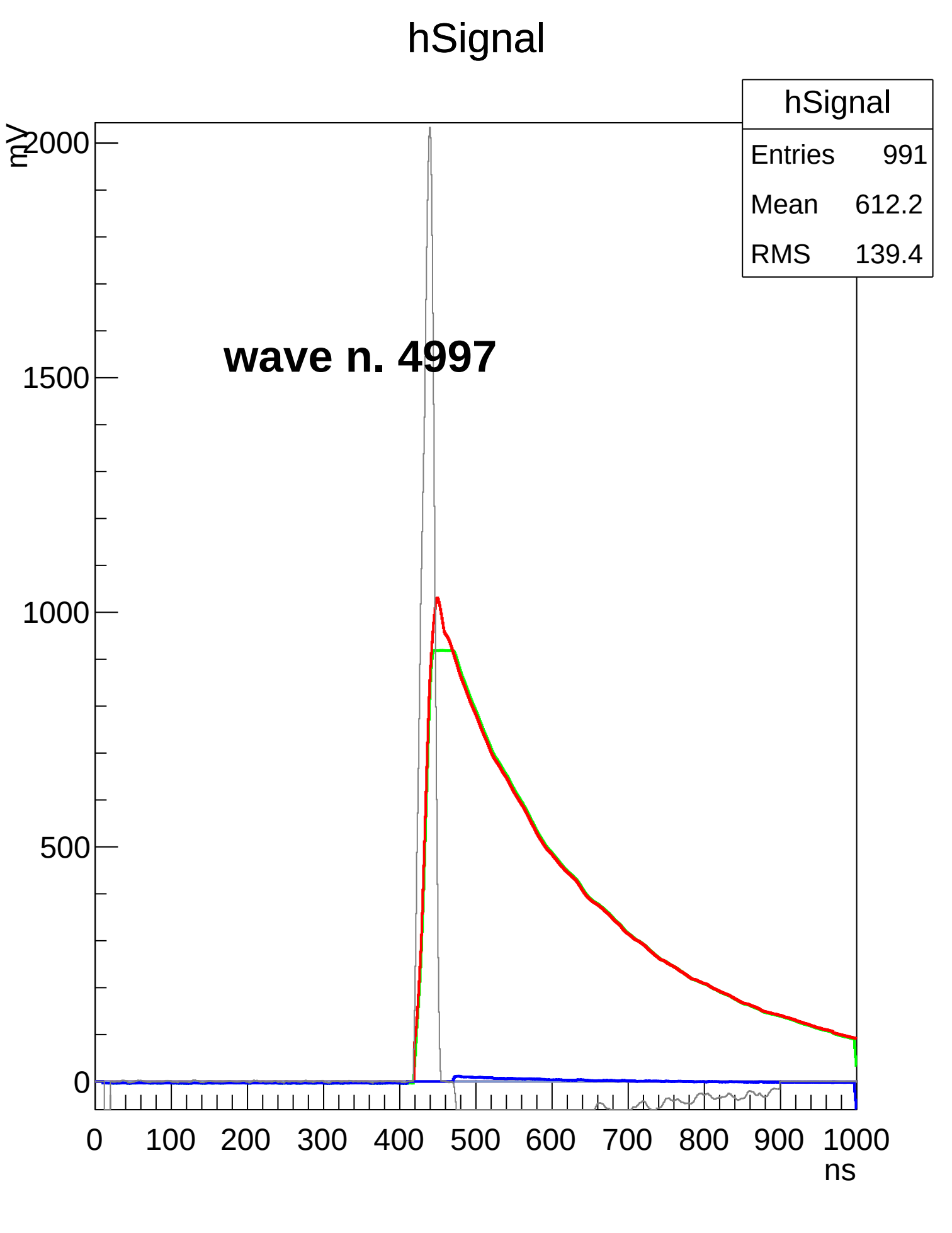
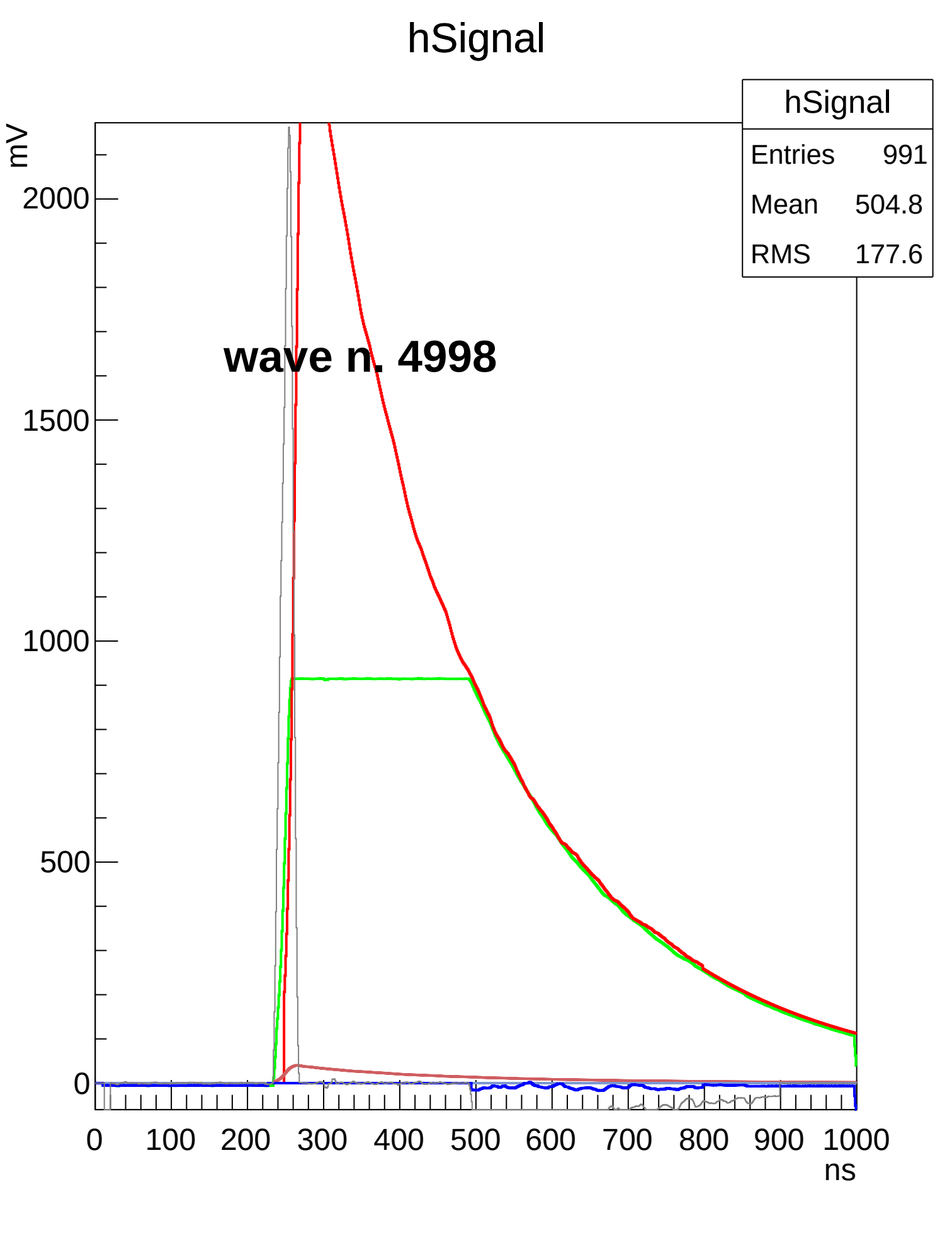
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 612.2
RMS 139.4
wave n. 4997
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.8
RMS 177.6
wave n. 4998
mV
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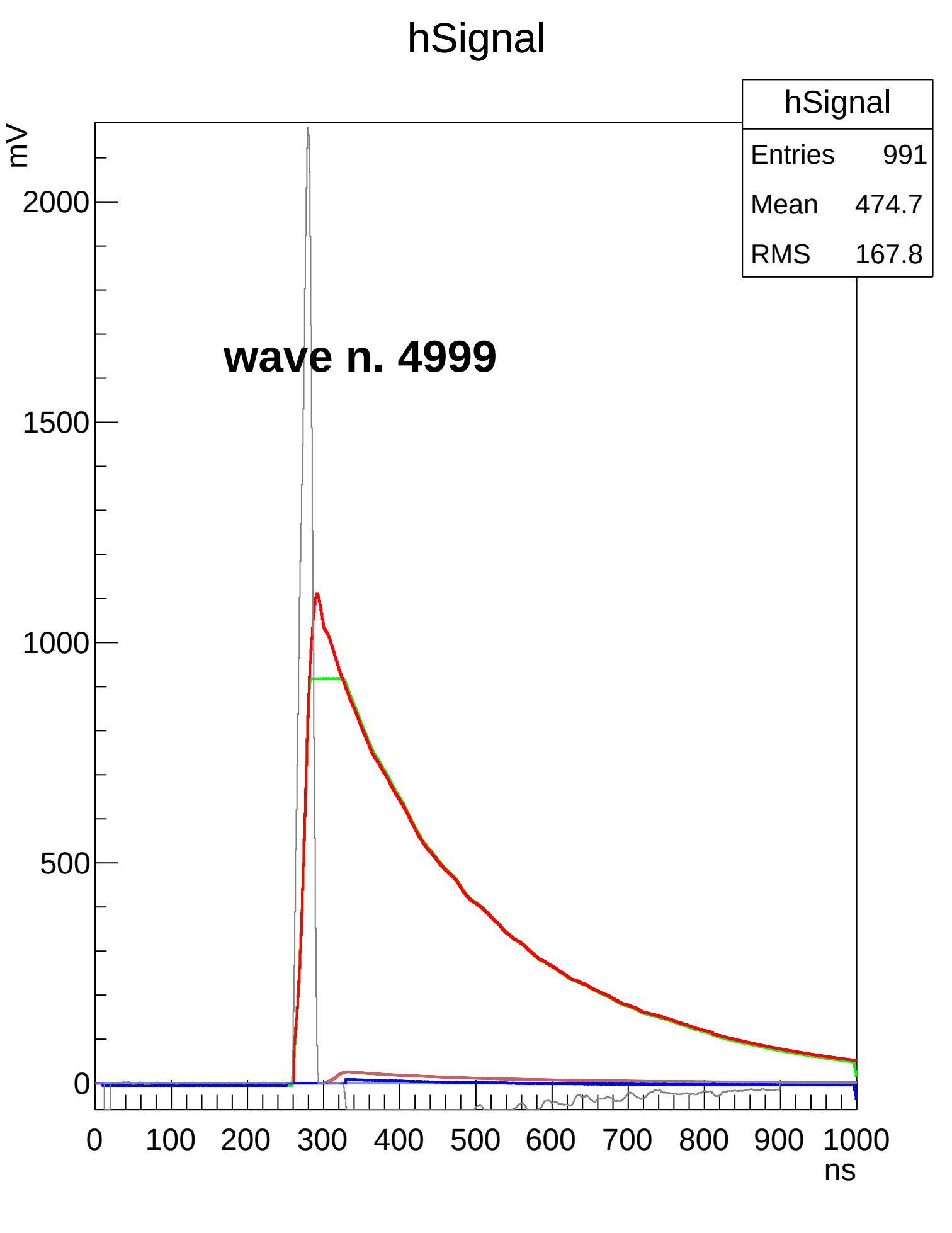
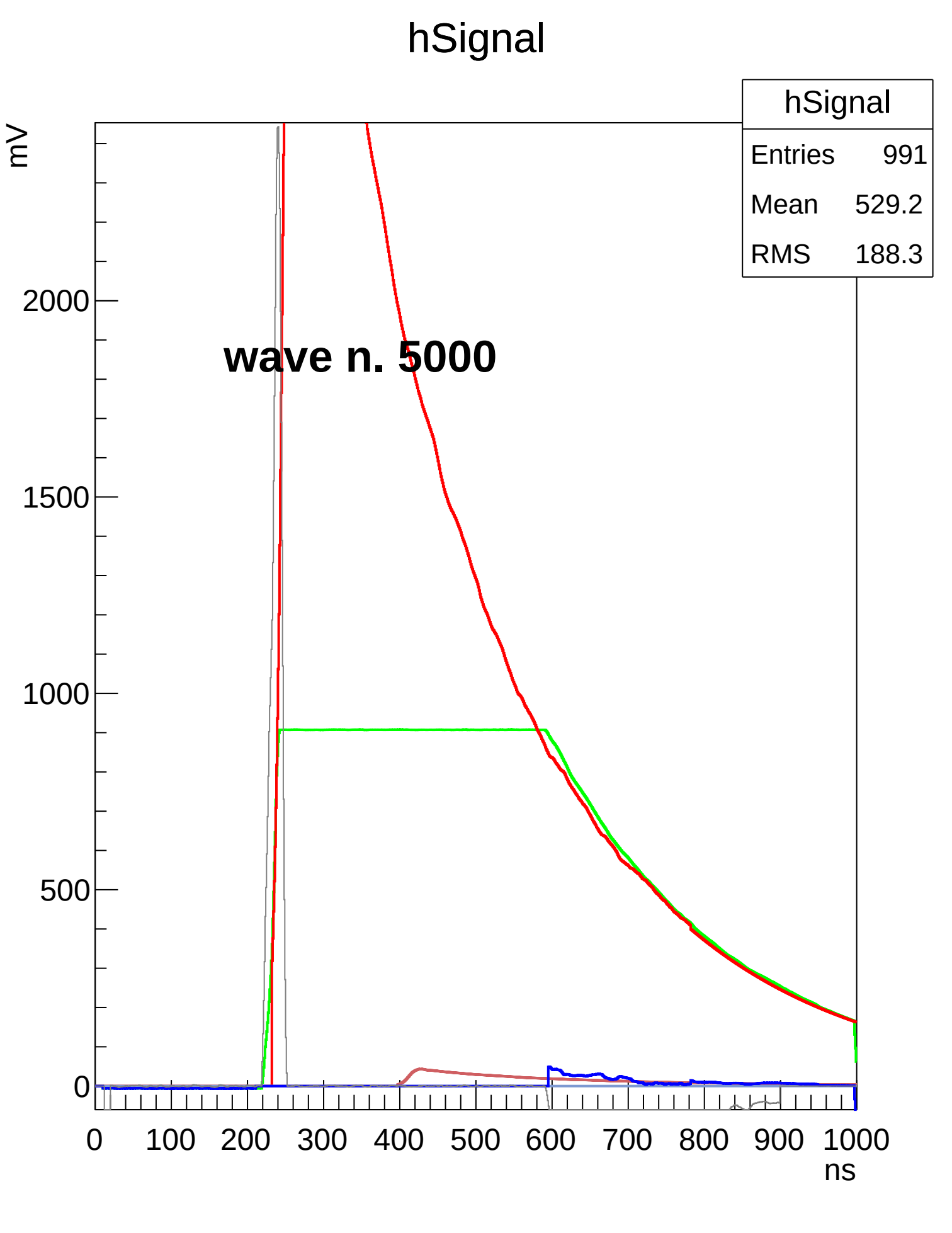
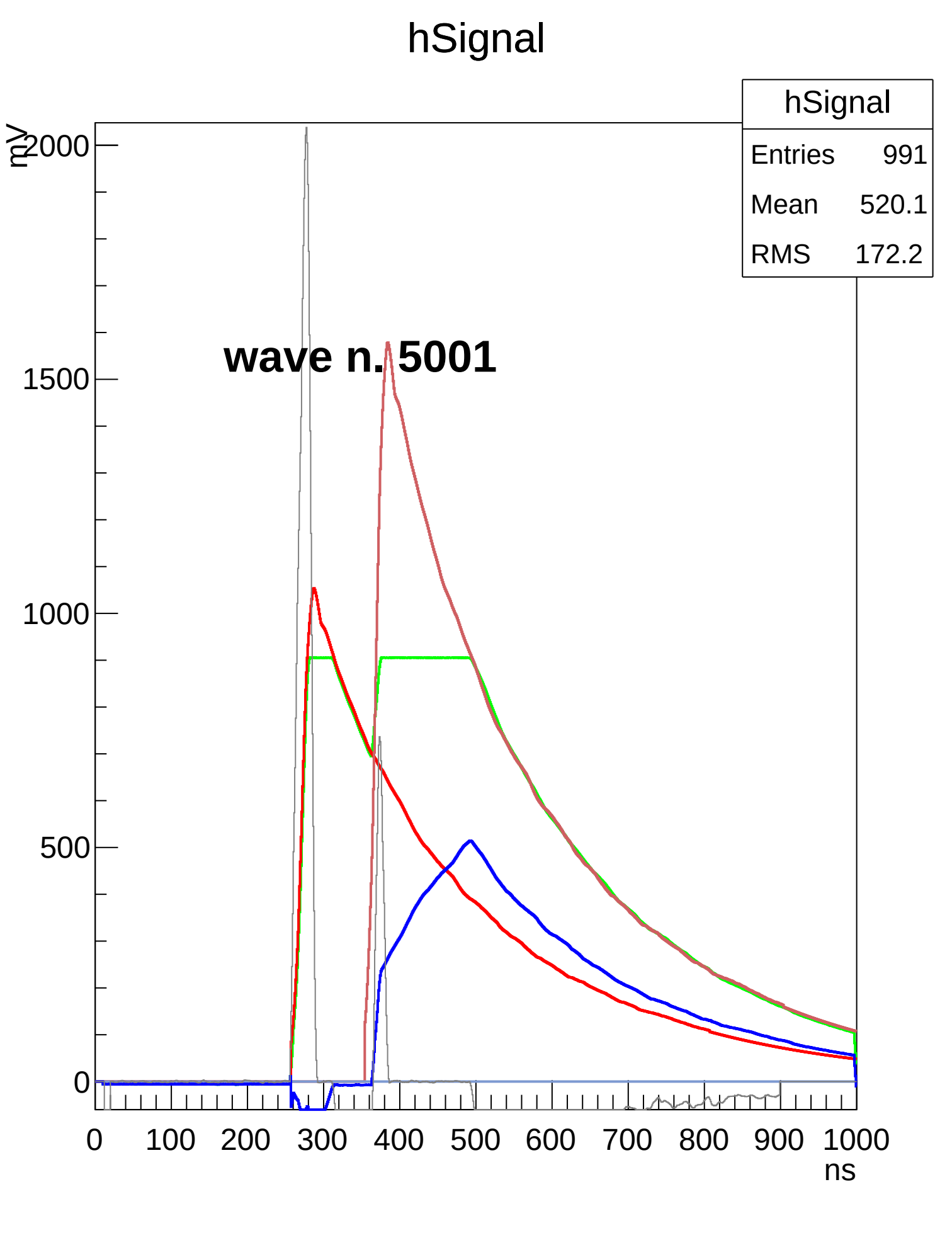
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 474.7
RMS 167.8
wave n. 4999
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 529.2
RMS 188.3
wave n. 5000
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 520.1
RMS 172.2
wave n. 5001
mV
2000
1500
1000
500
0
0
100
200
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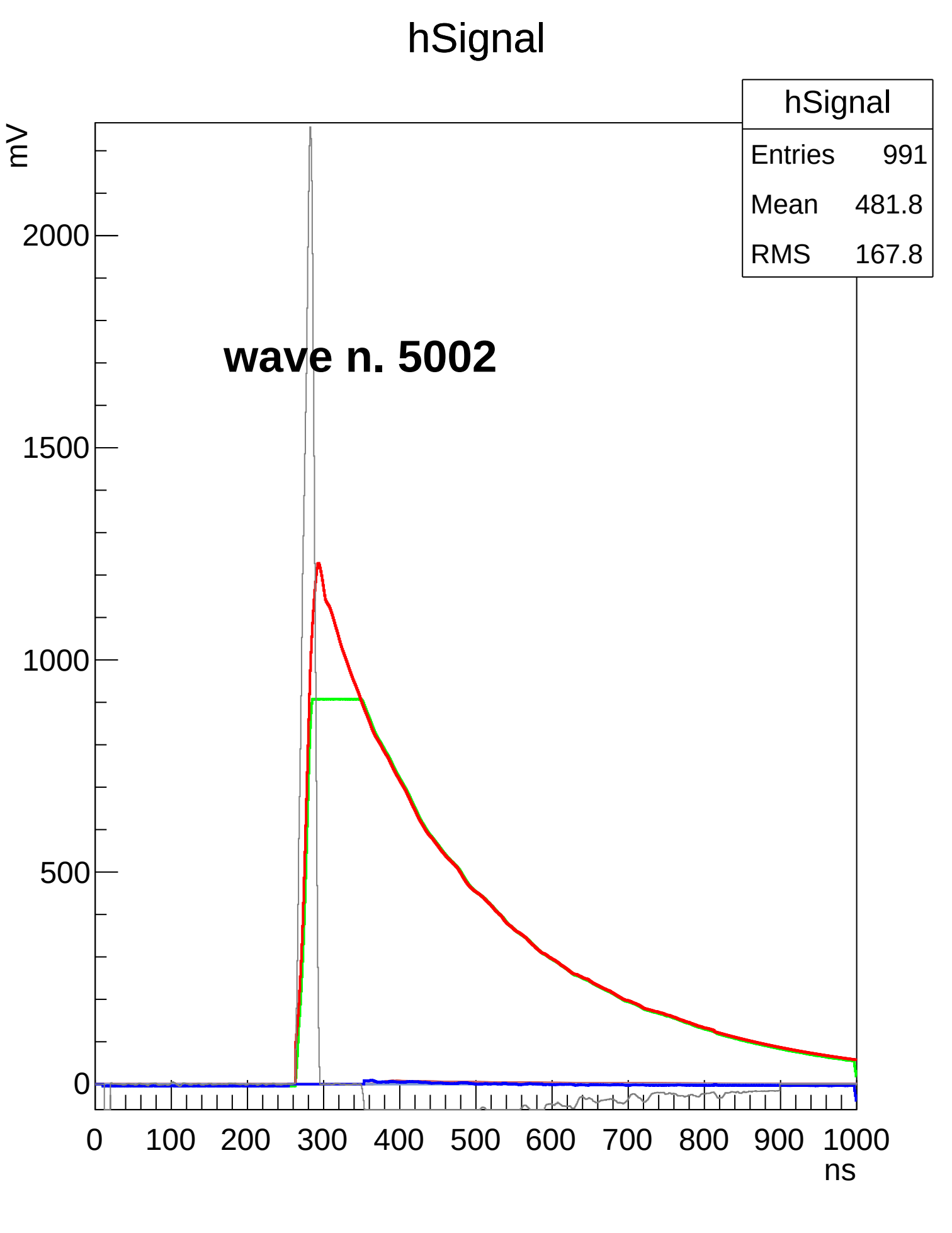
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481.8
RMS 167.8
wave n. 5002
mV
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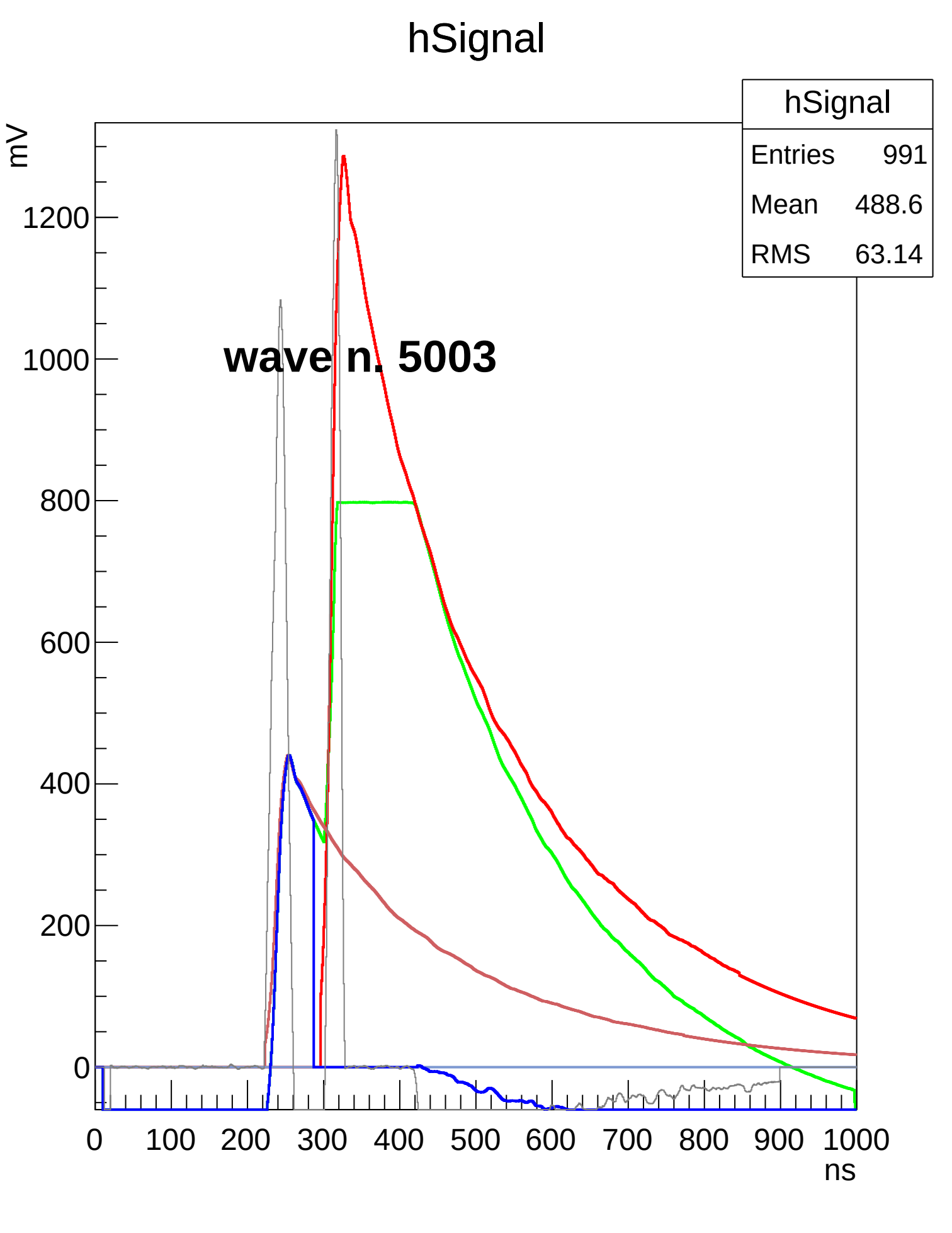
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 488.6
RMS 63.14
wave n. 5003
mV
1200
1000
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600
400
200
0
0
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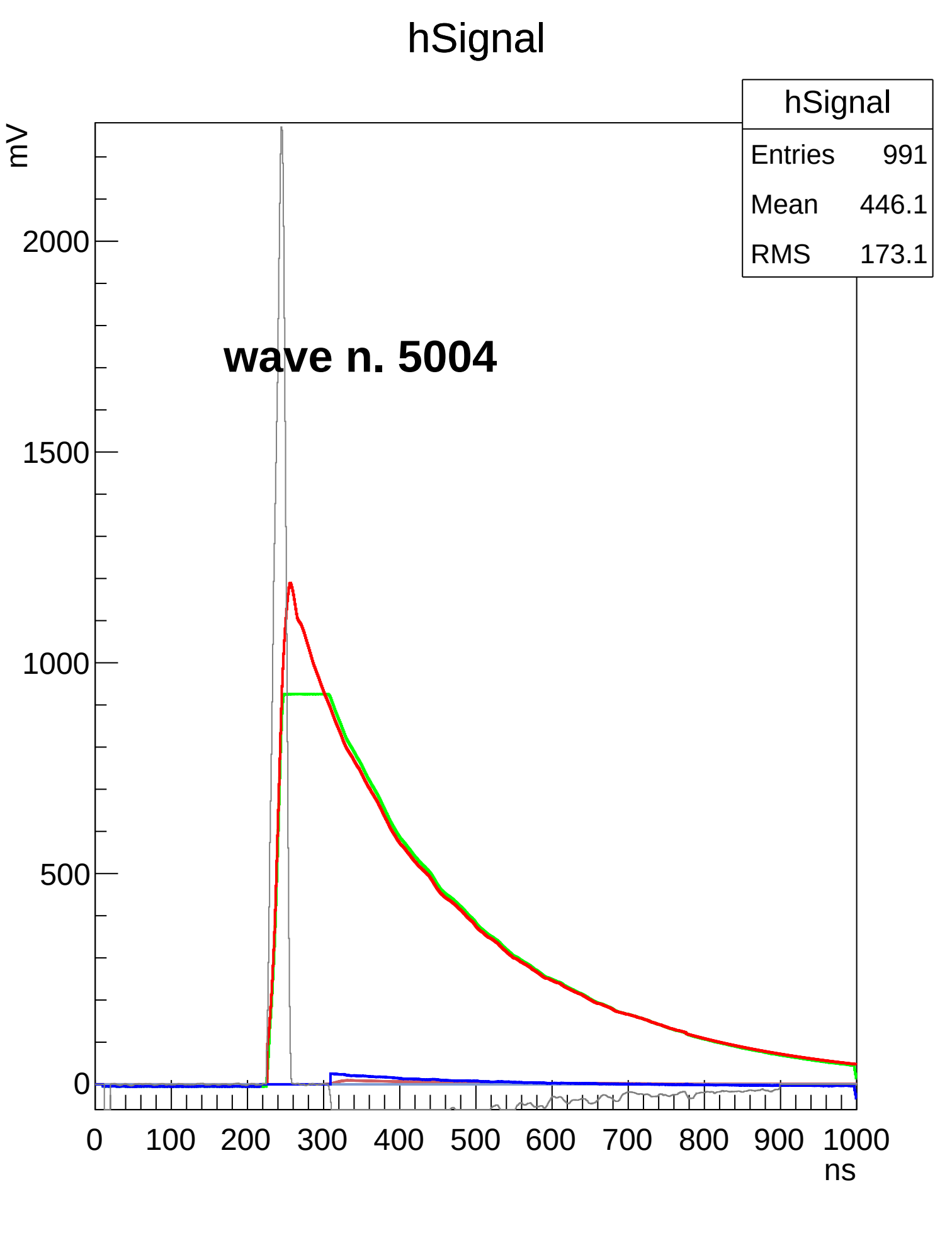
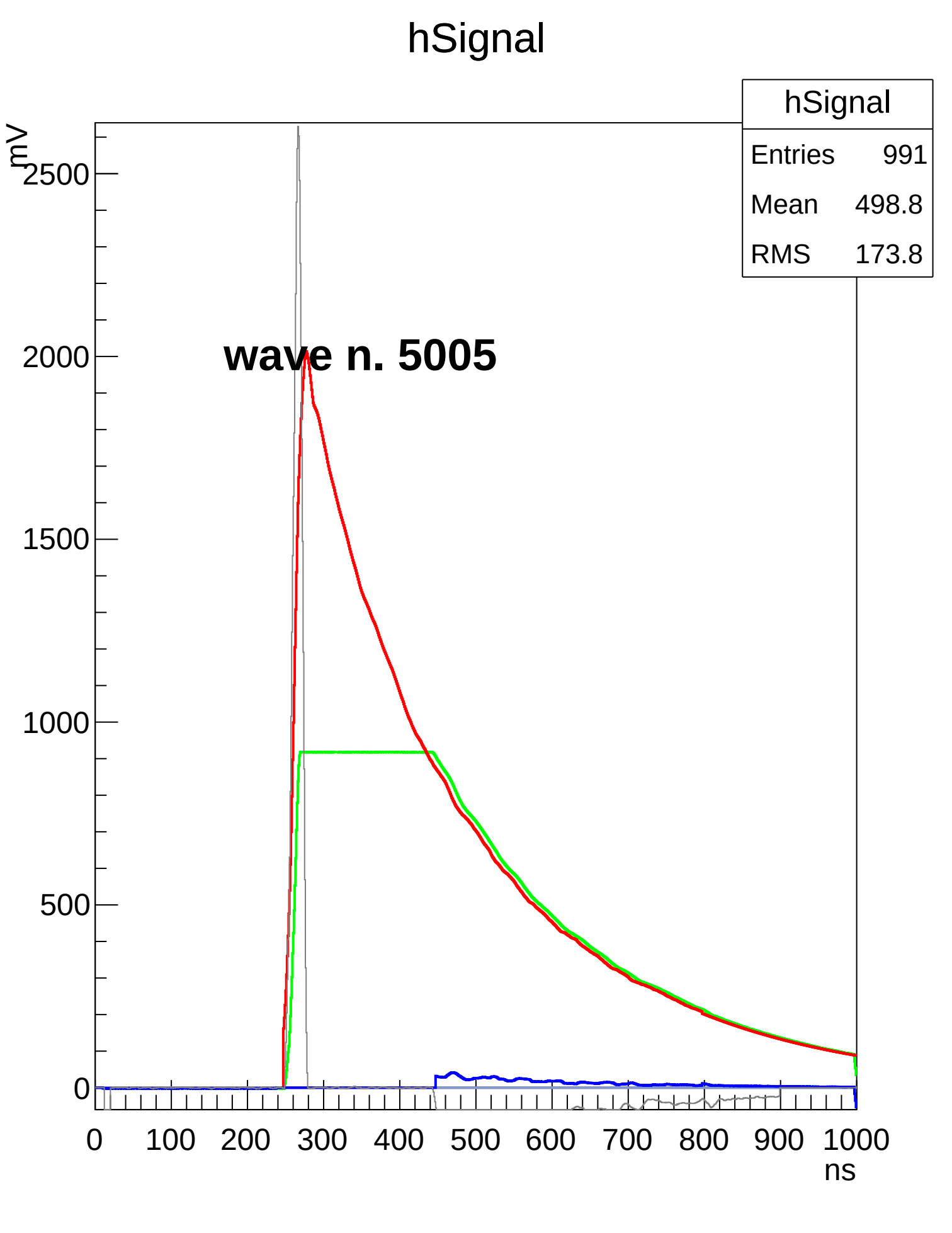
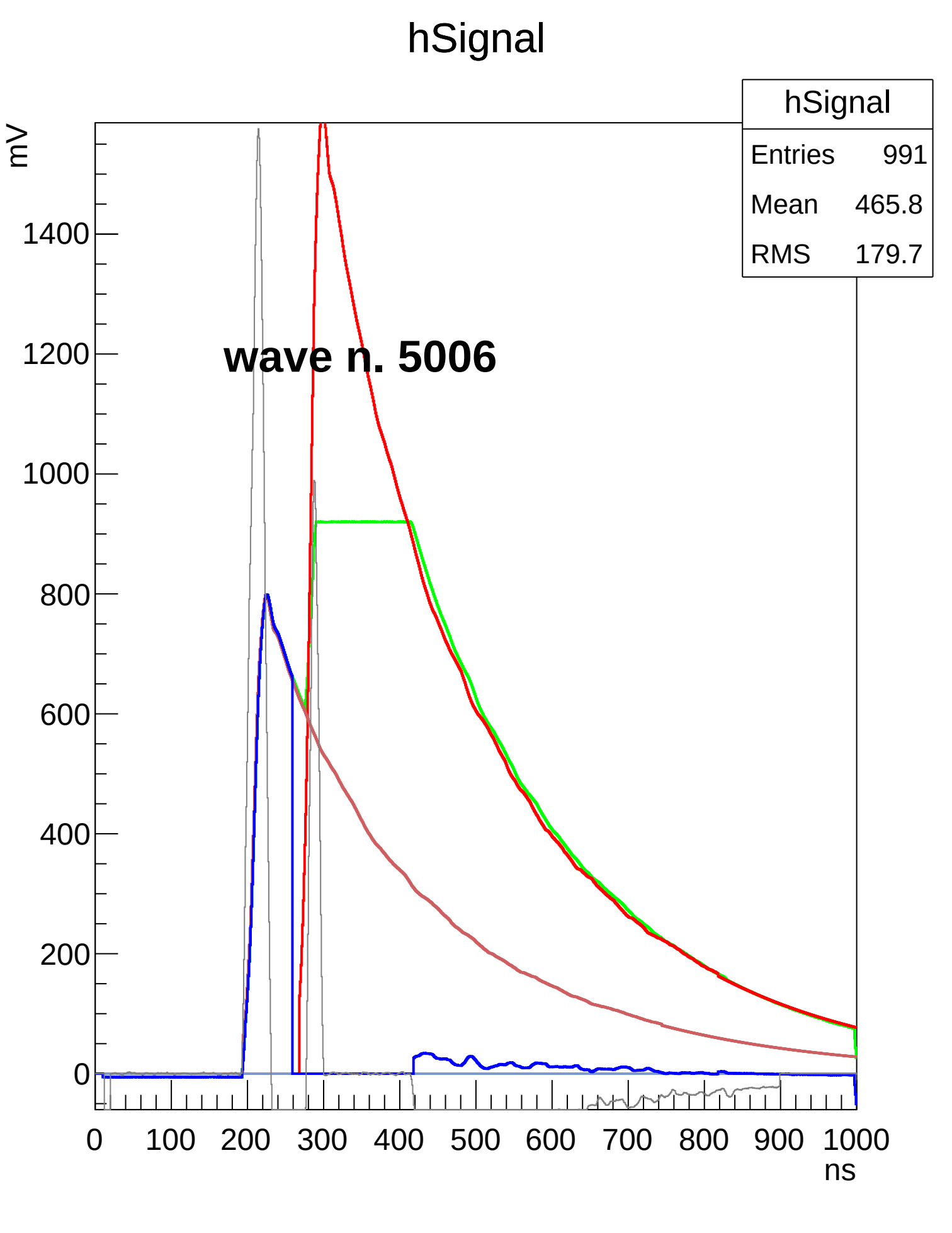
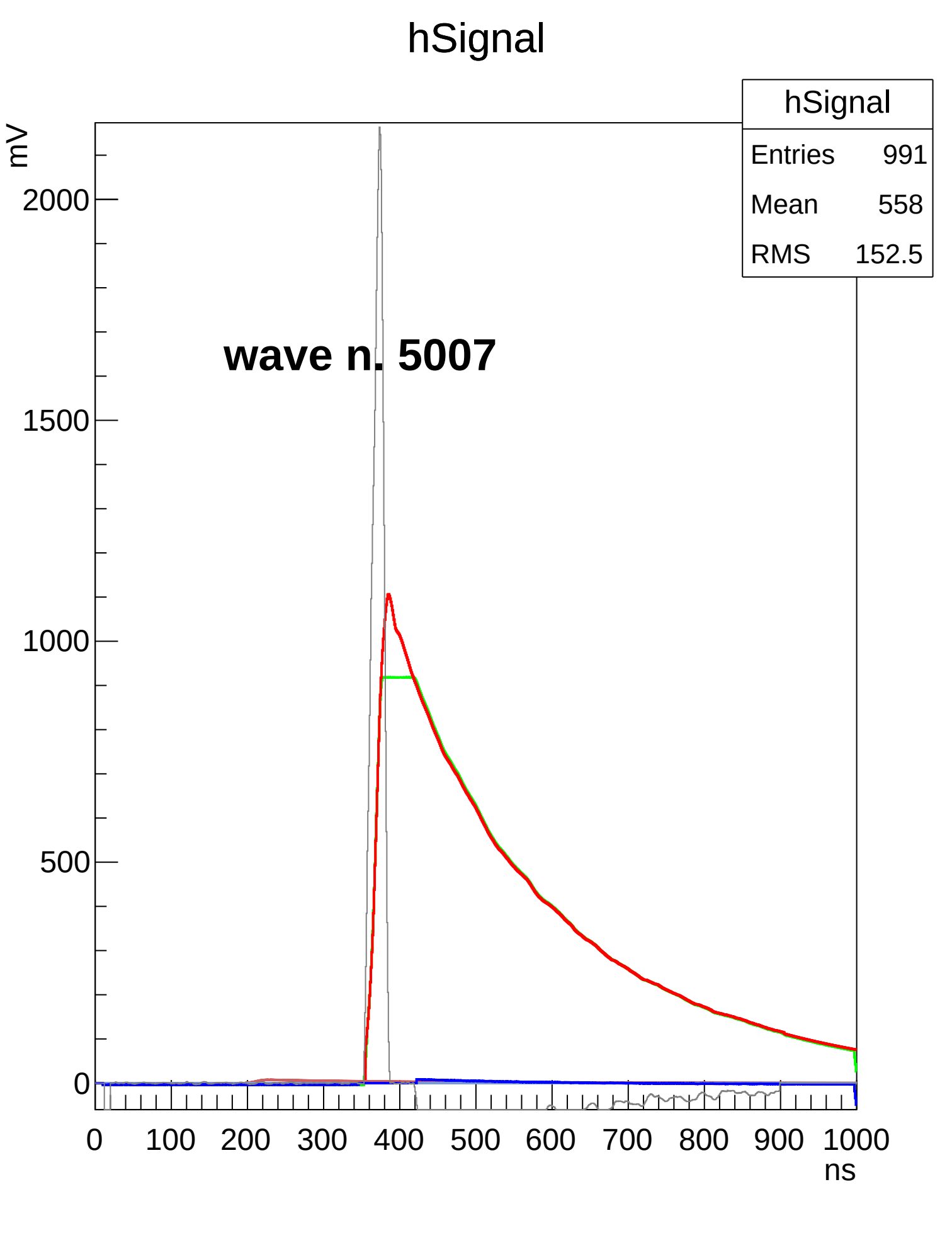
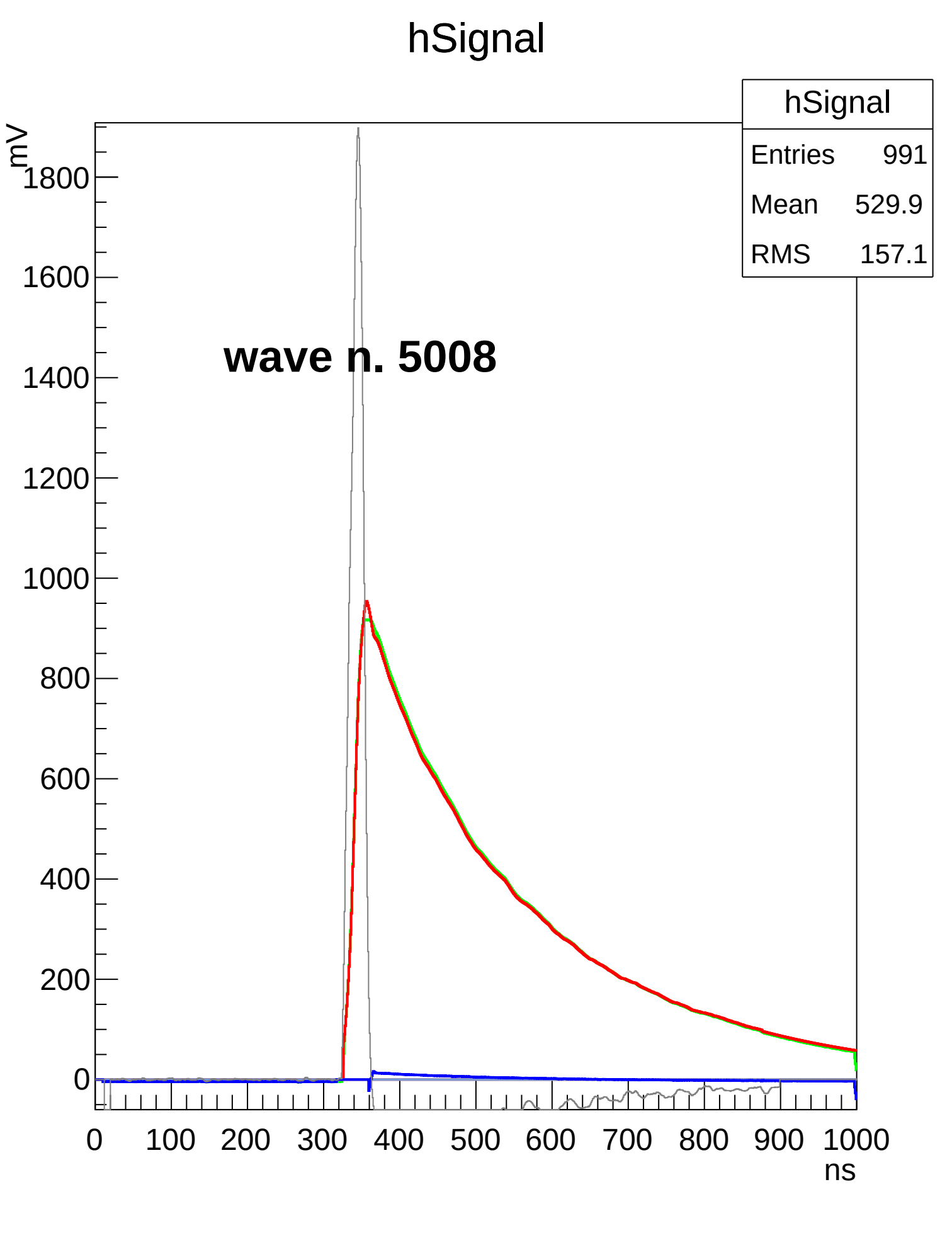
200
300
400
500
600
700
800
900
1000
ns

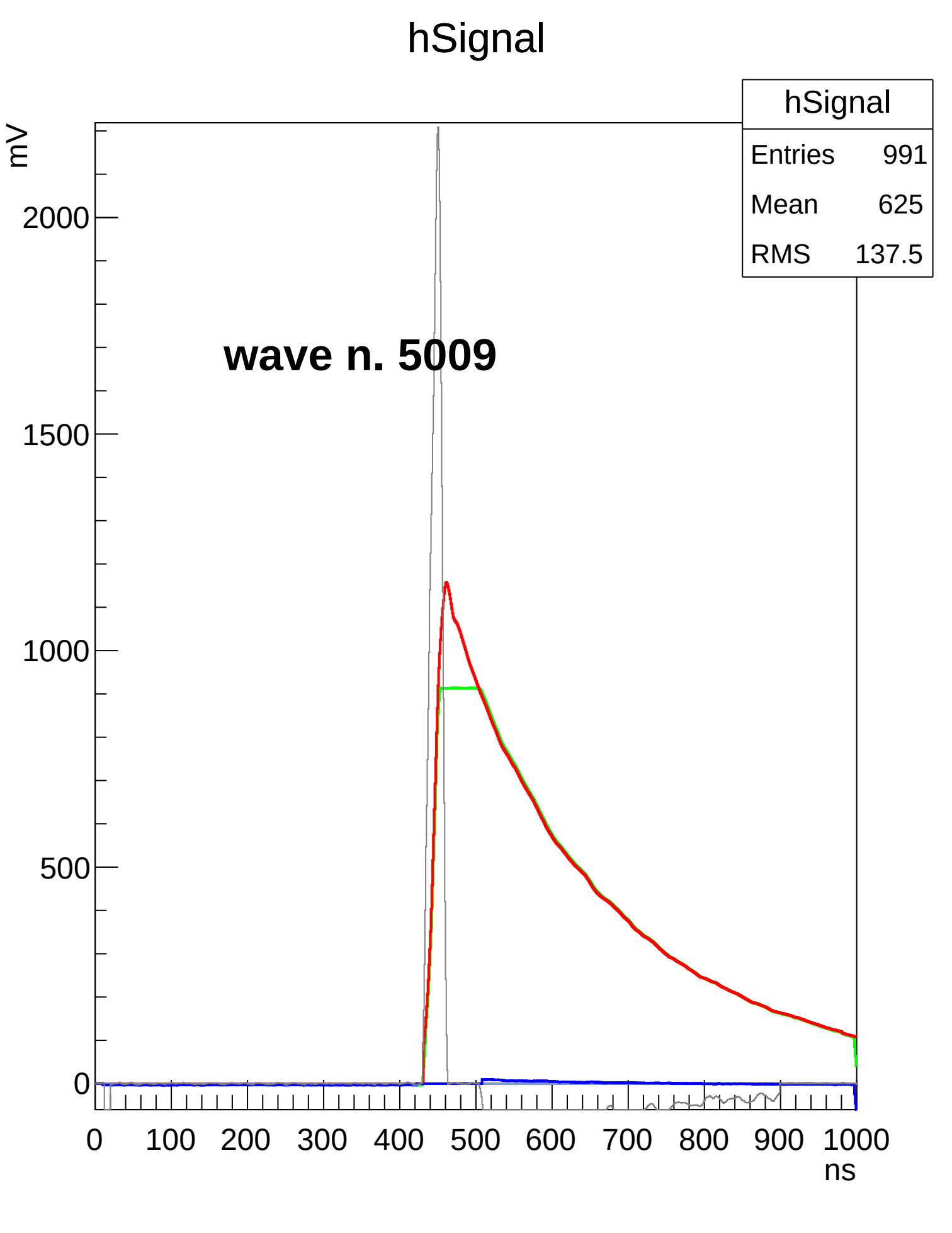

hSignal
hSignal
Entries 991
Mean 446.1
RMS 173.1
wave n. 5004
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

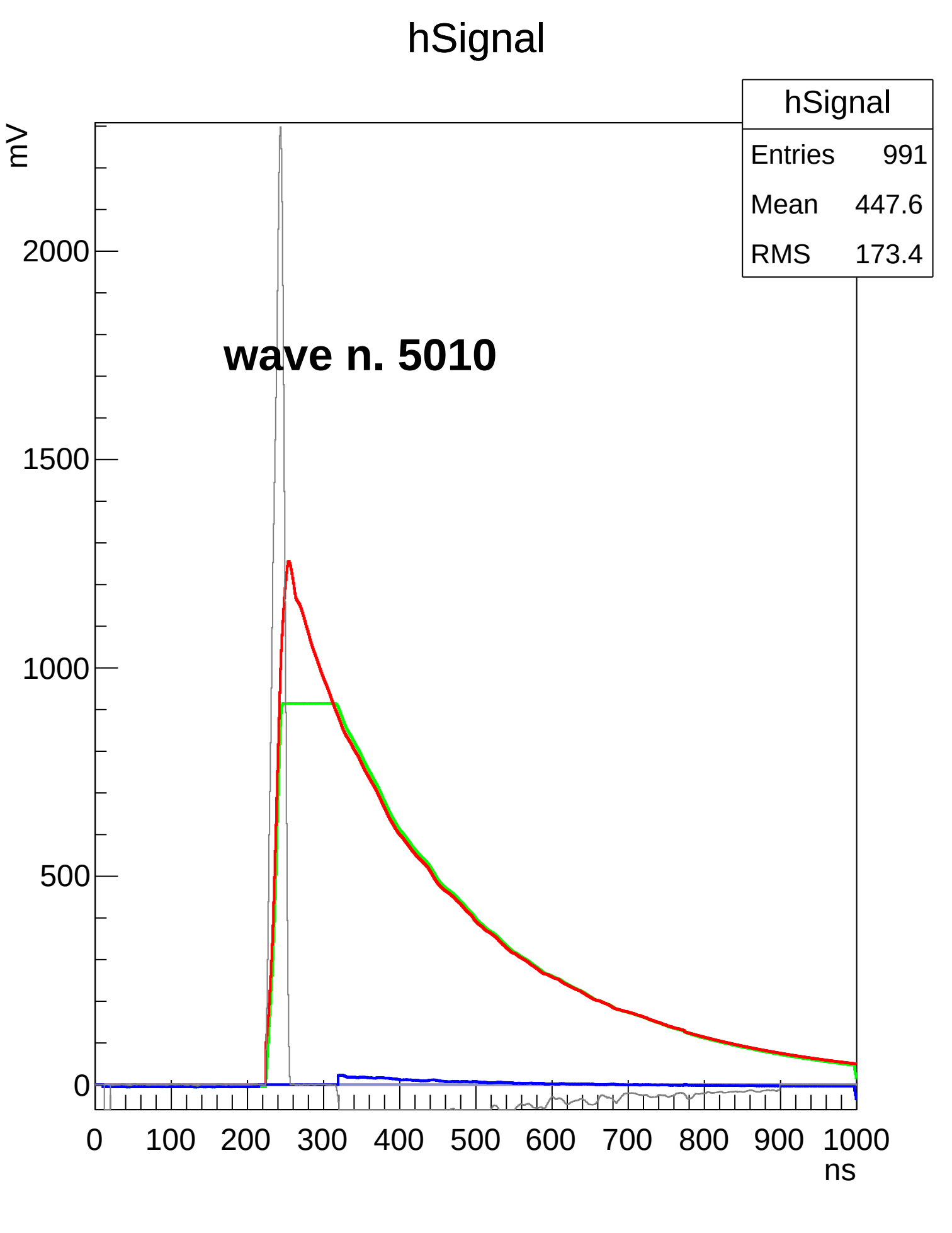

hSignal
hSignal
Entries 991
Mean 498.8
RMS 173.8
wave n. 5005
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

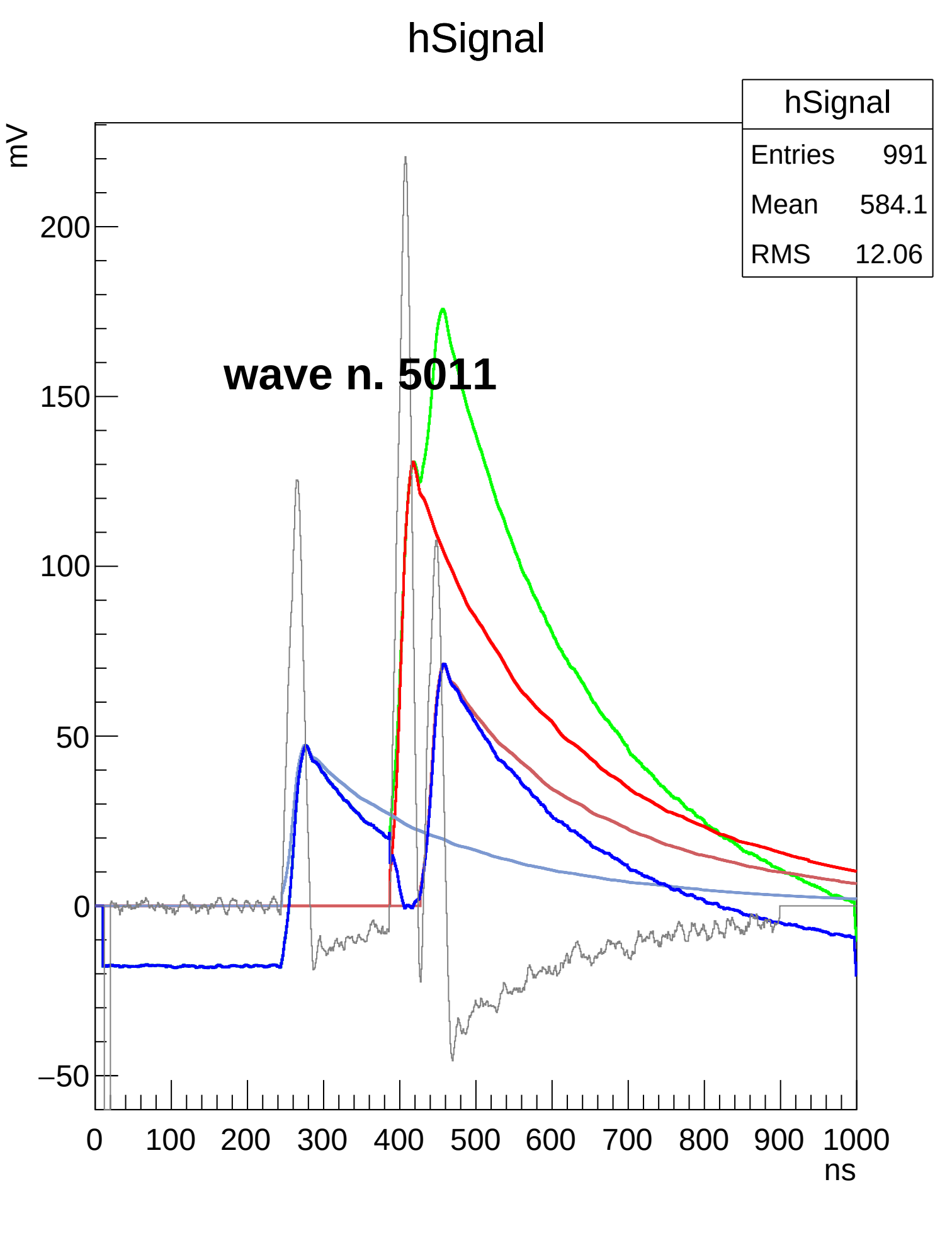

hSignal
hSignal
Entries 991
Mean 465.8
RMS 179.7
wave n. 5006
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558
RMS 152.5
wave n. 5007
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 529.9
RMS 157.1
wave n. 5008
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 625
RMS 137.5
wave n. 5009
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 447.6
RMS 173.4
wave n. 5010
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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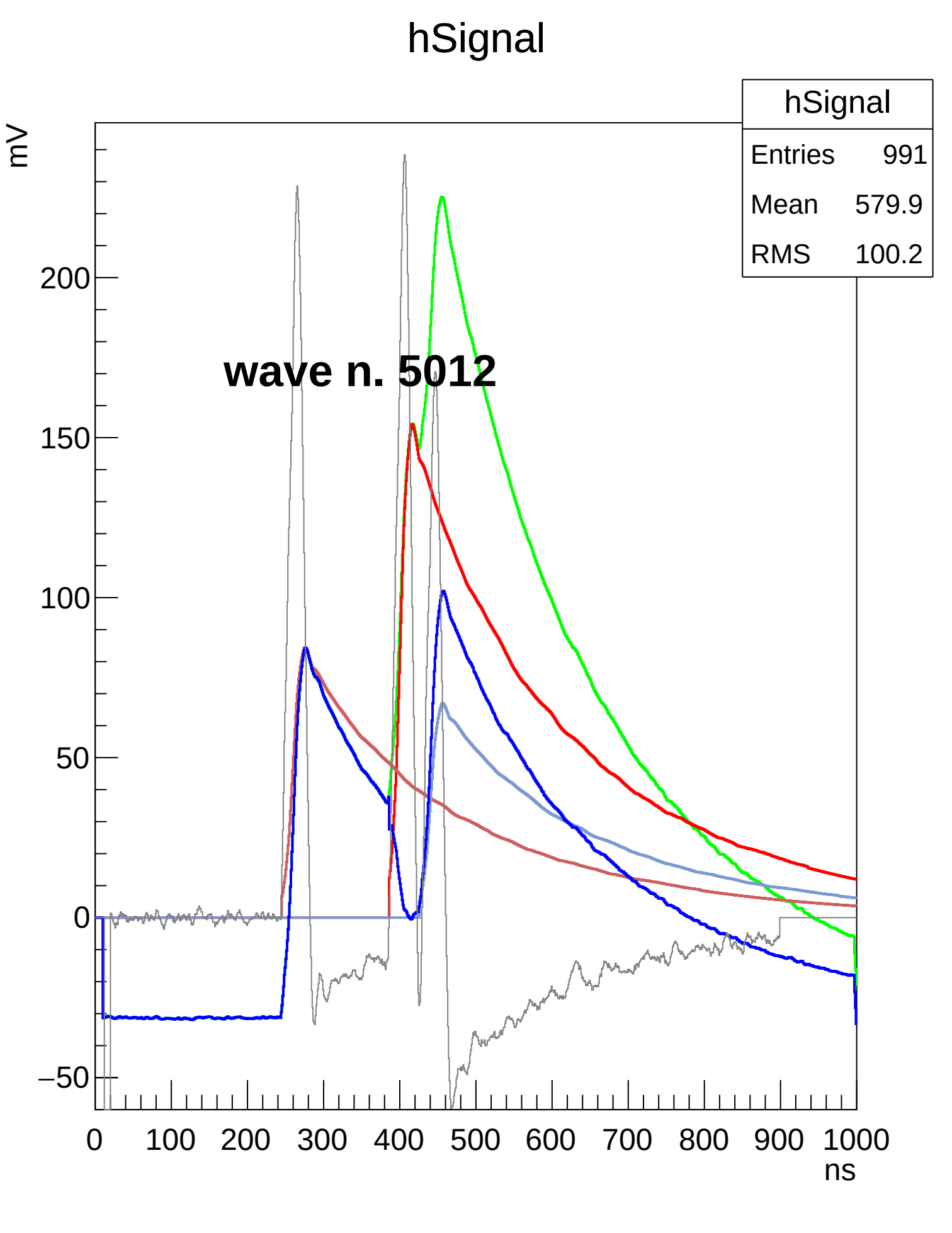
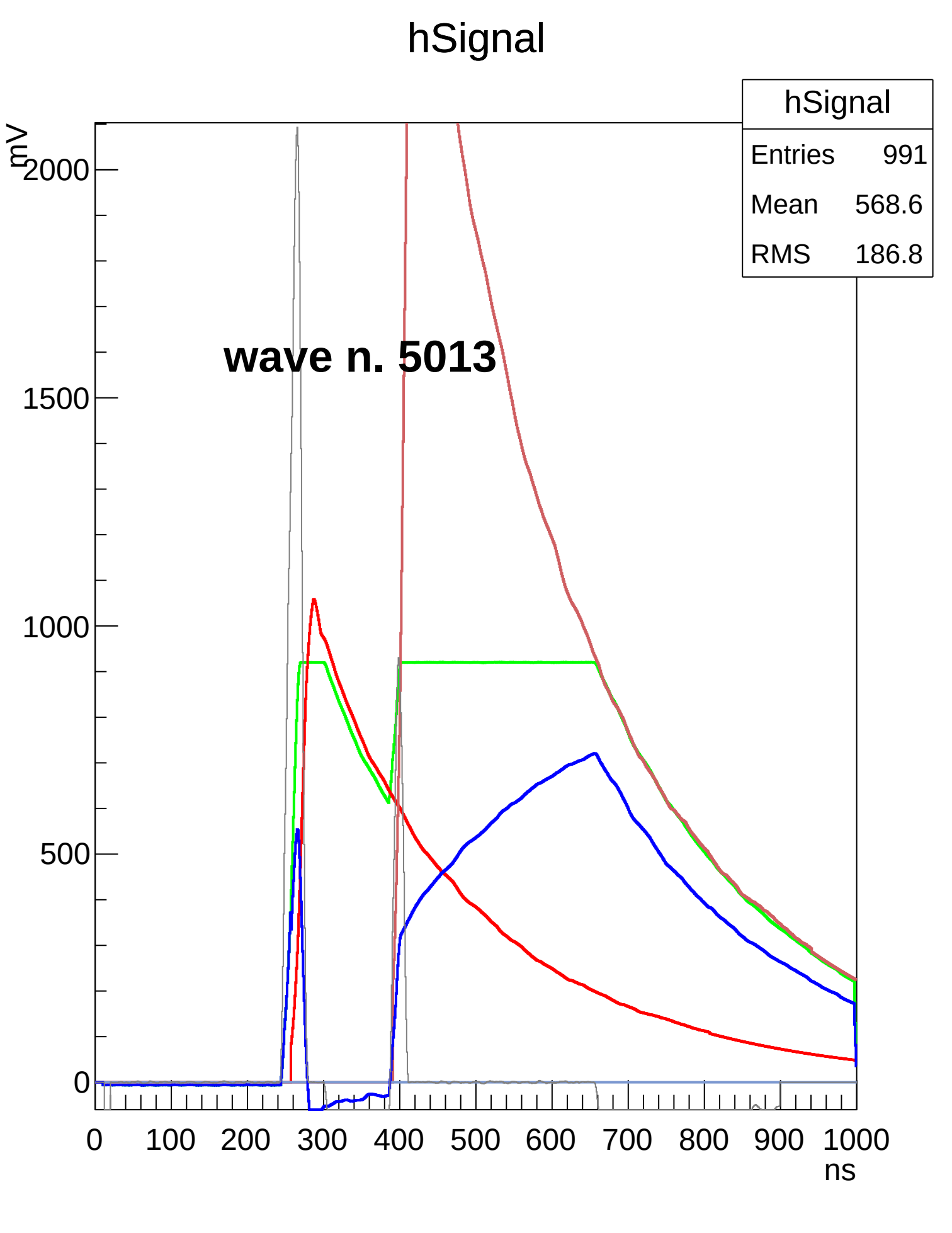
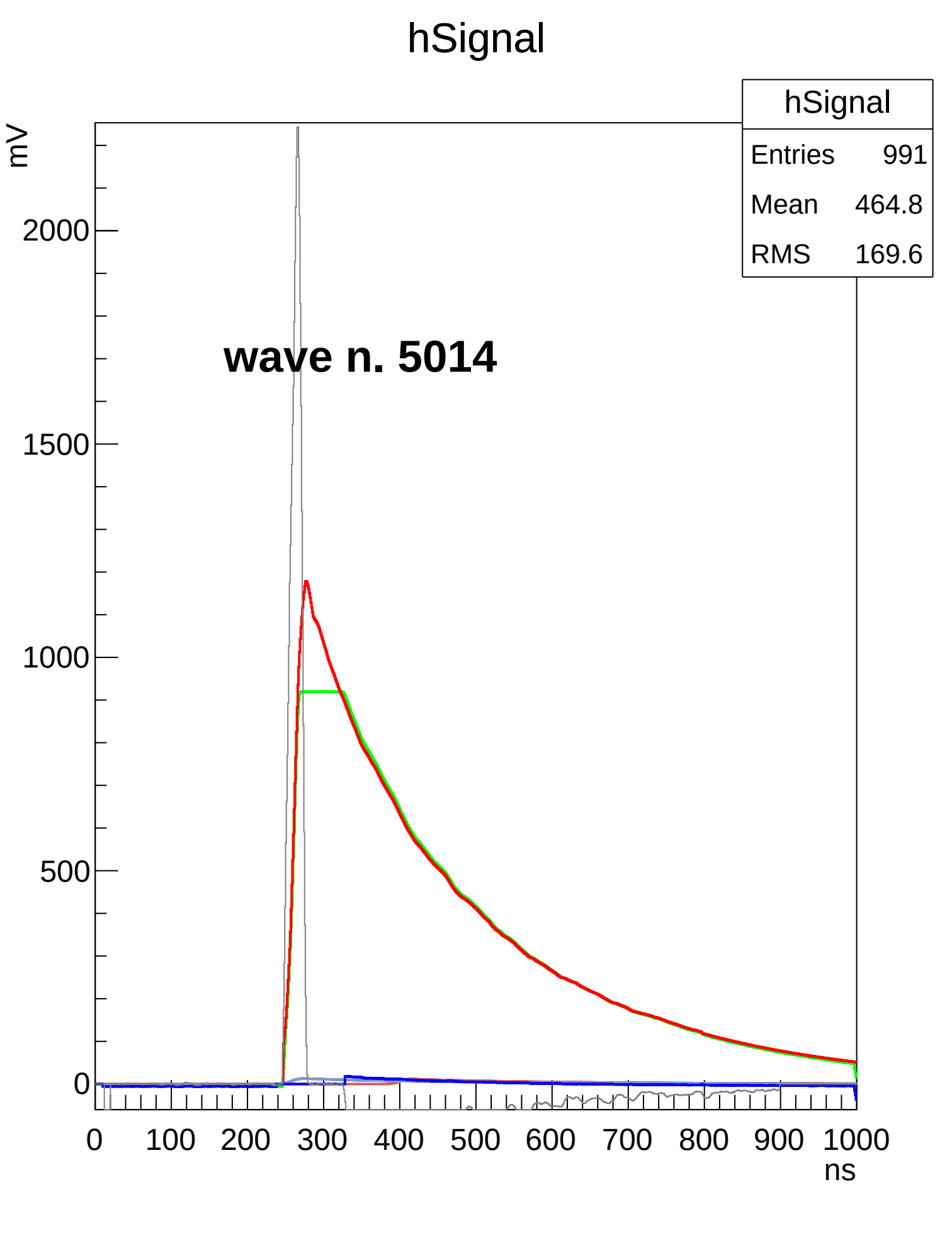
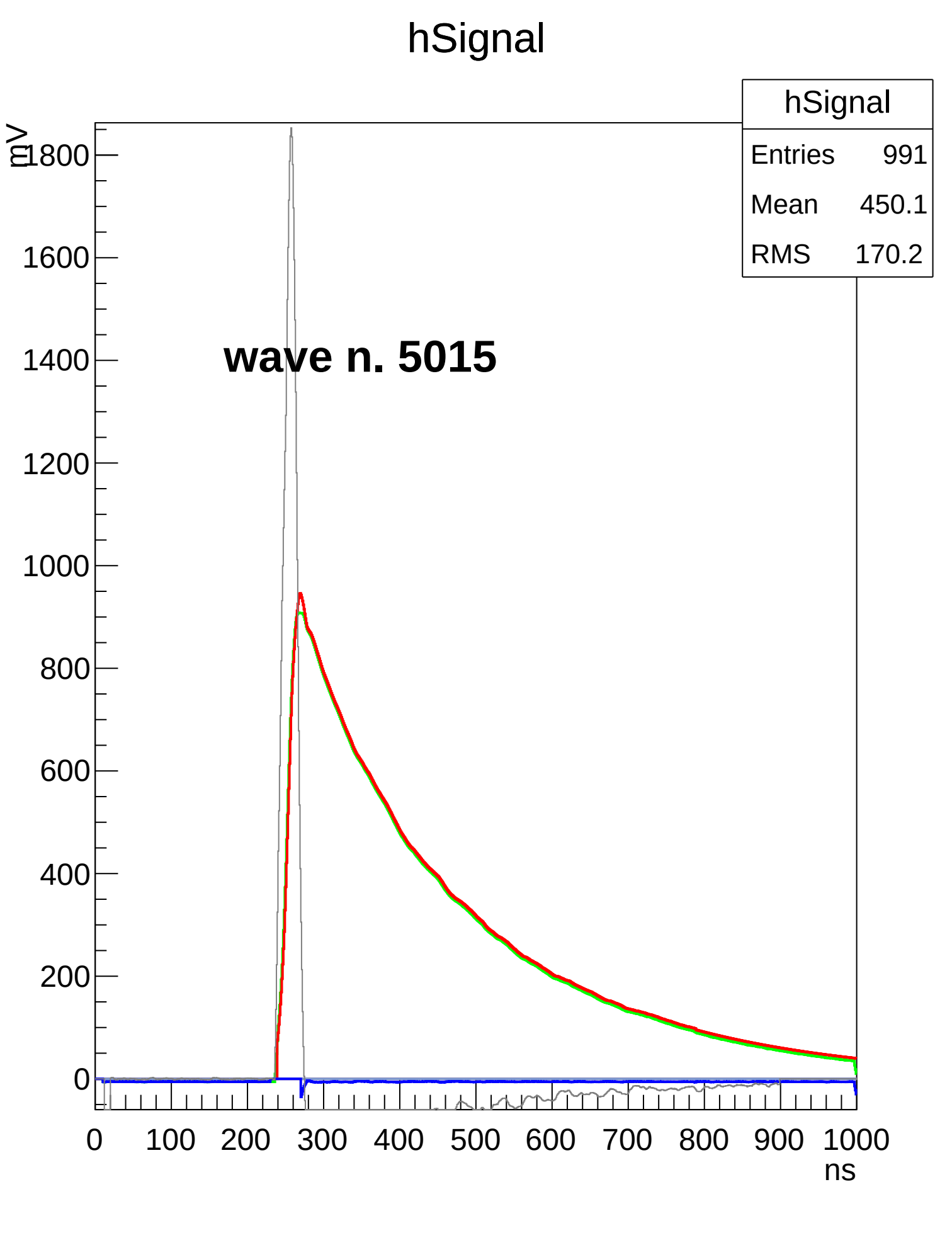
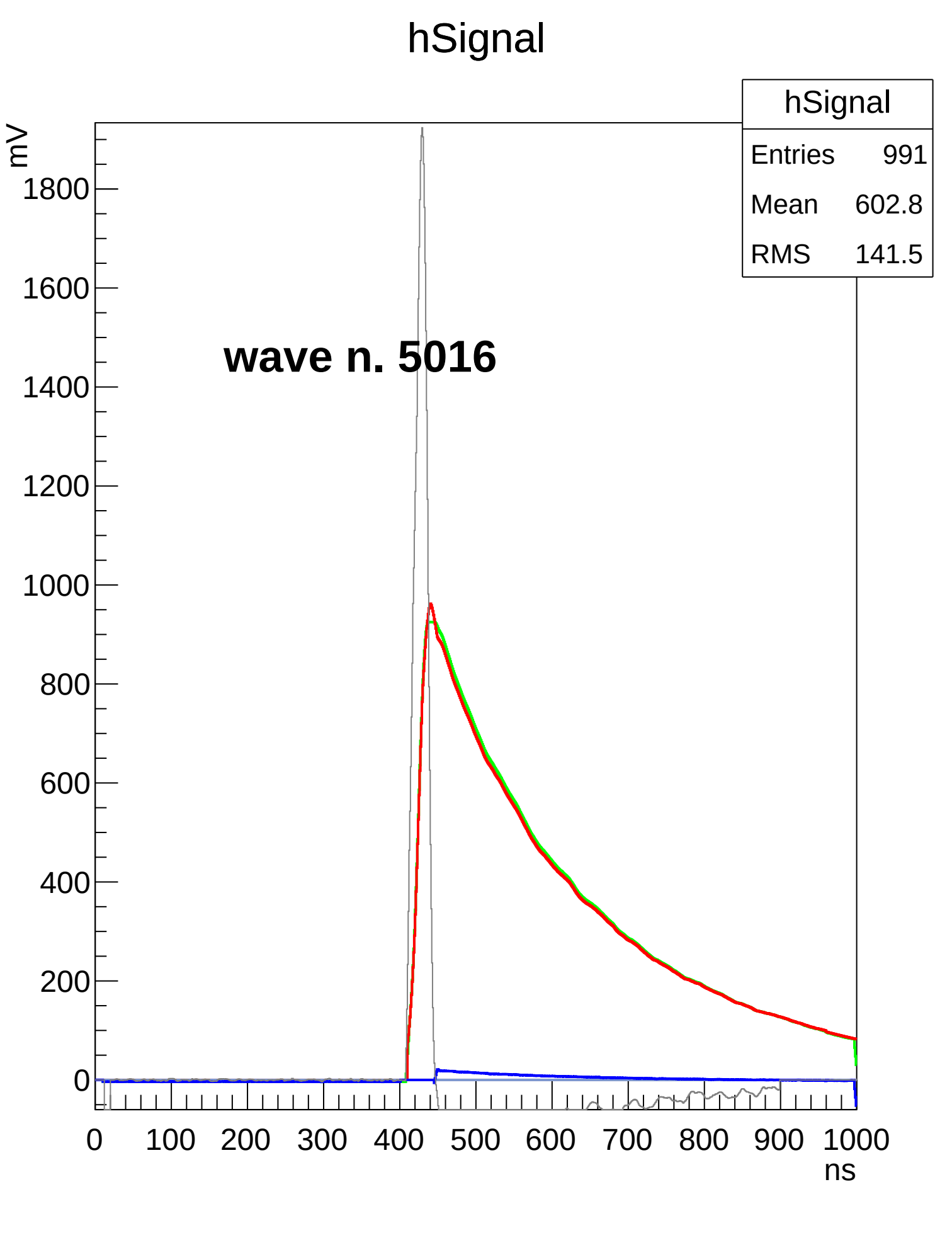
hSignal
Entries 991
Mean 584.1
RMS 12.06
wave n. 5011
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

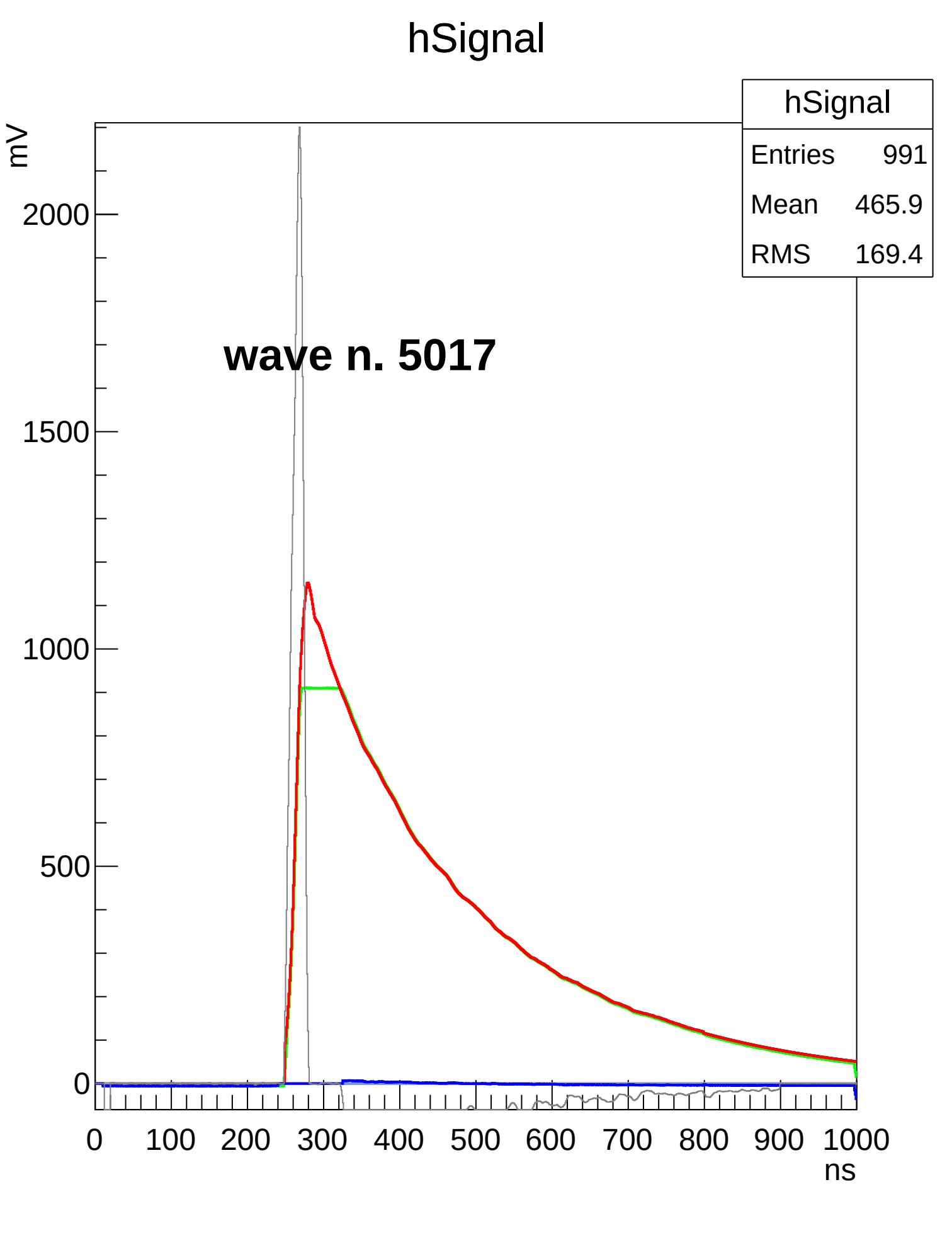

hSignal
hSignal
Entries 991
Mean 579.9
RMS 100.2
wave n. 5012
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 568.6
RMS 186.8
wave n. 5013
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 464.8
RMS 169.6
wave n. 5014
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 450.1
RMS 170.2
wave n. 5015
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 602.8
RMS 141.5
wave n. 5016
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 465.9
RMS 169.4
wave n. 5017
mV
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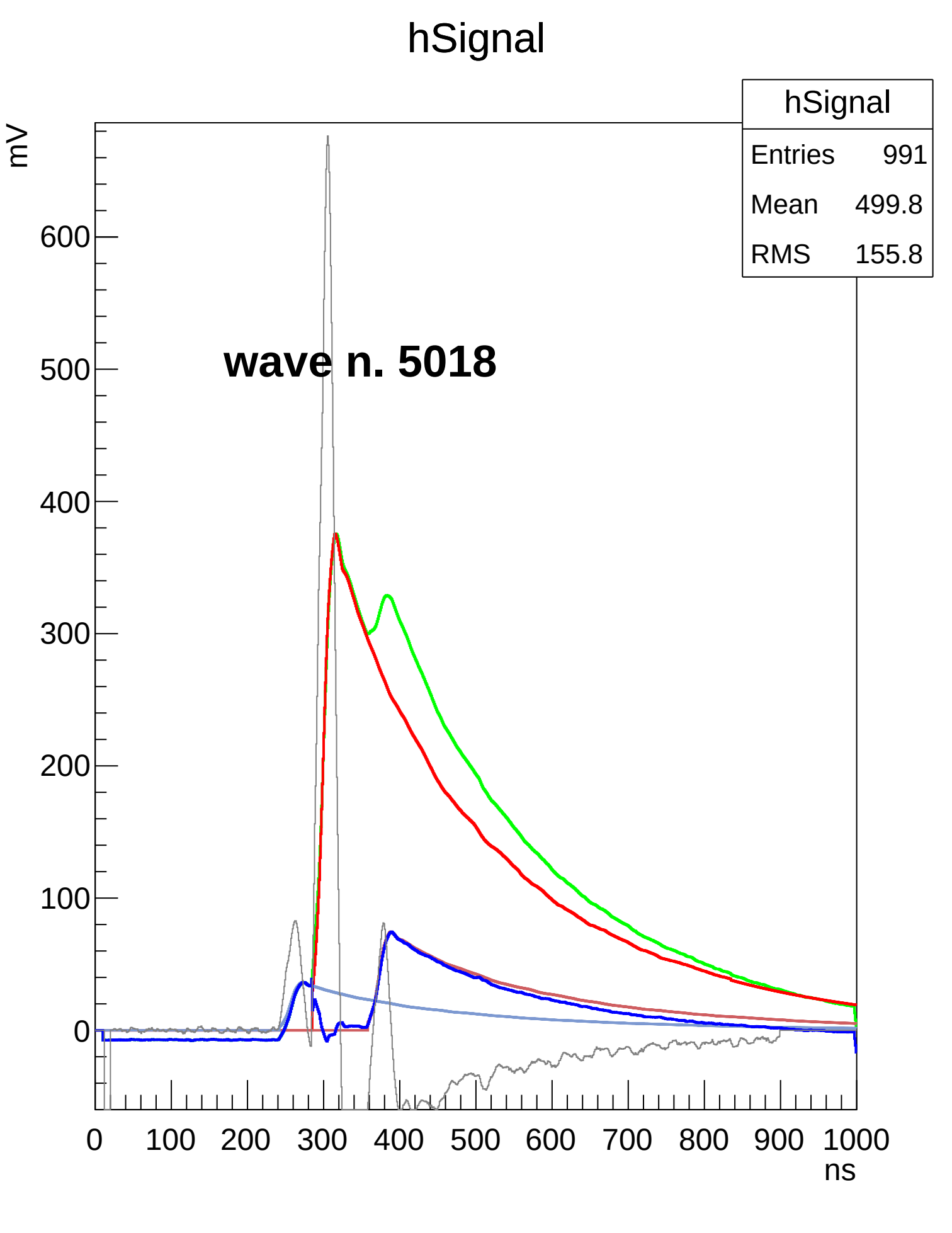
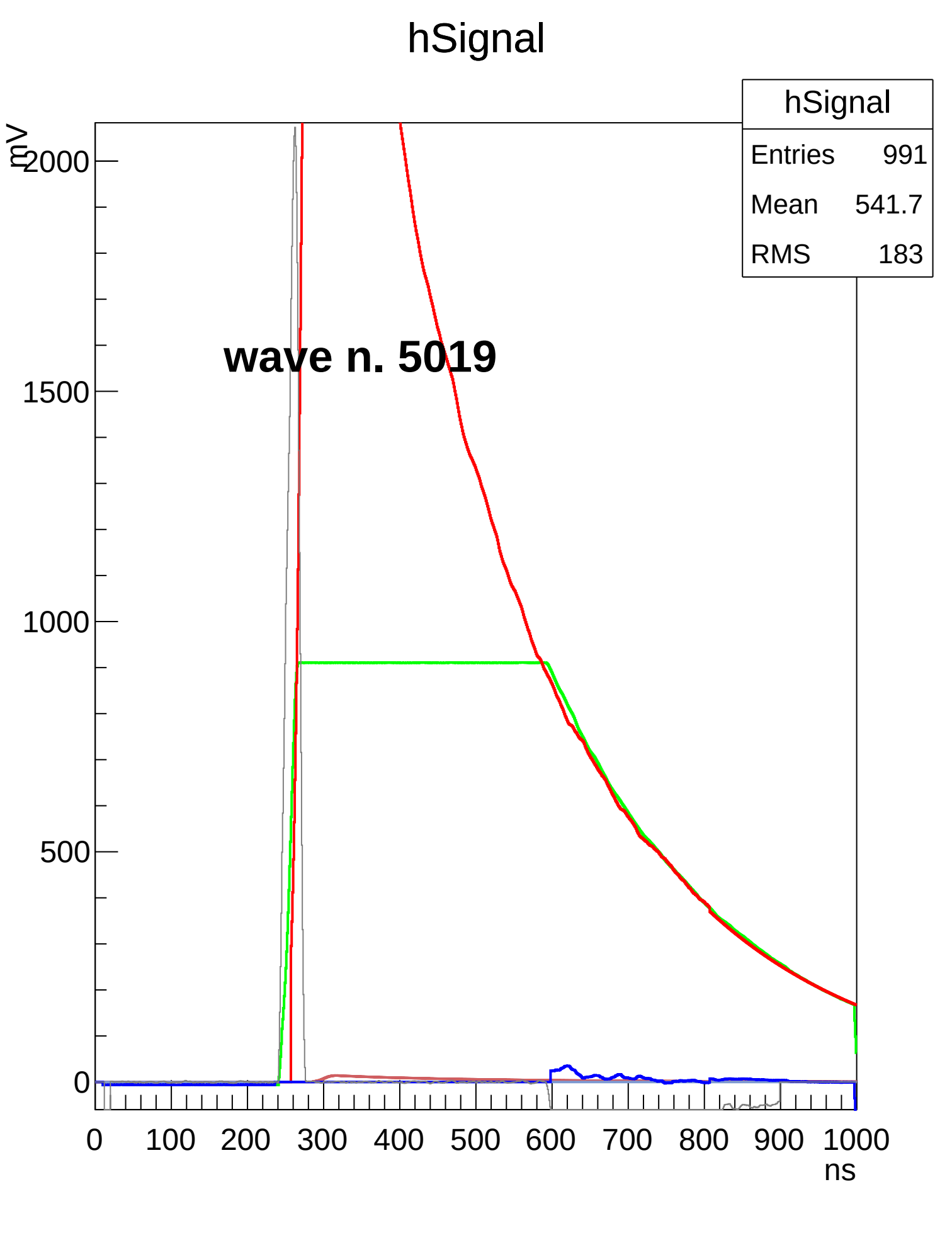
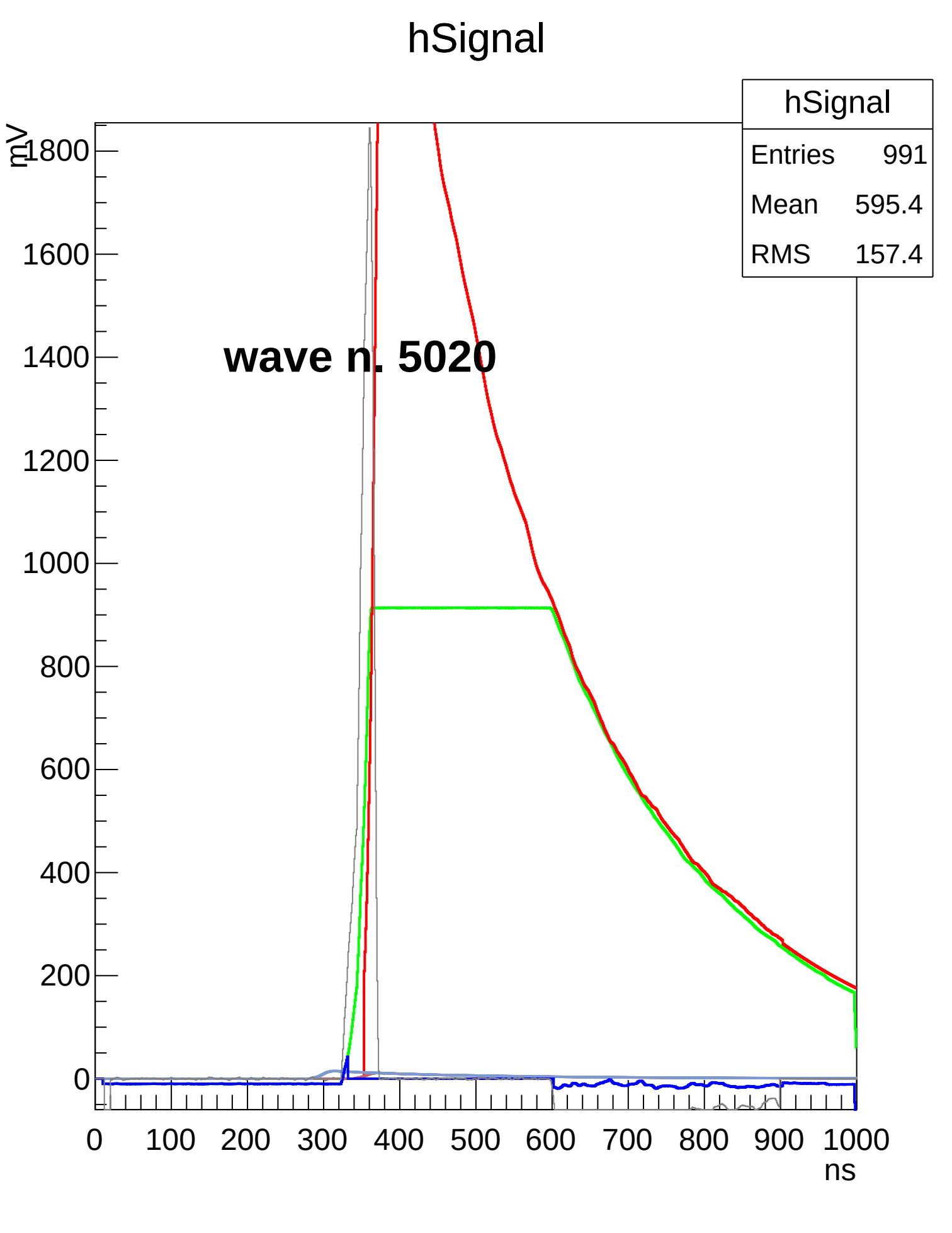
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.8
RMS 155.8
wave n. 5018
mV
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 541.7
RMS 183
wave n. 5019
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 595.4
RMS 157.4
wave n. 5020
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
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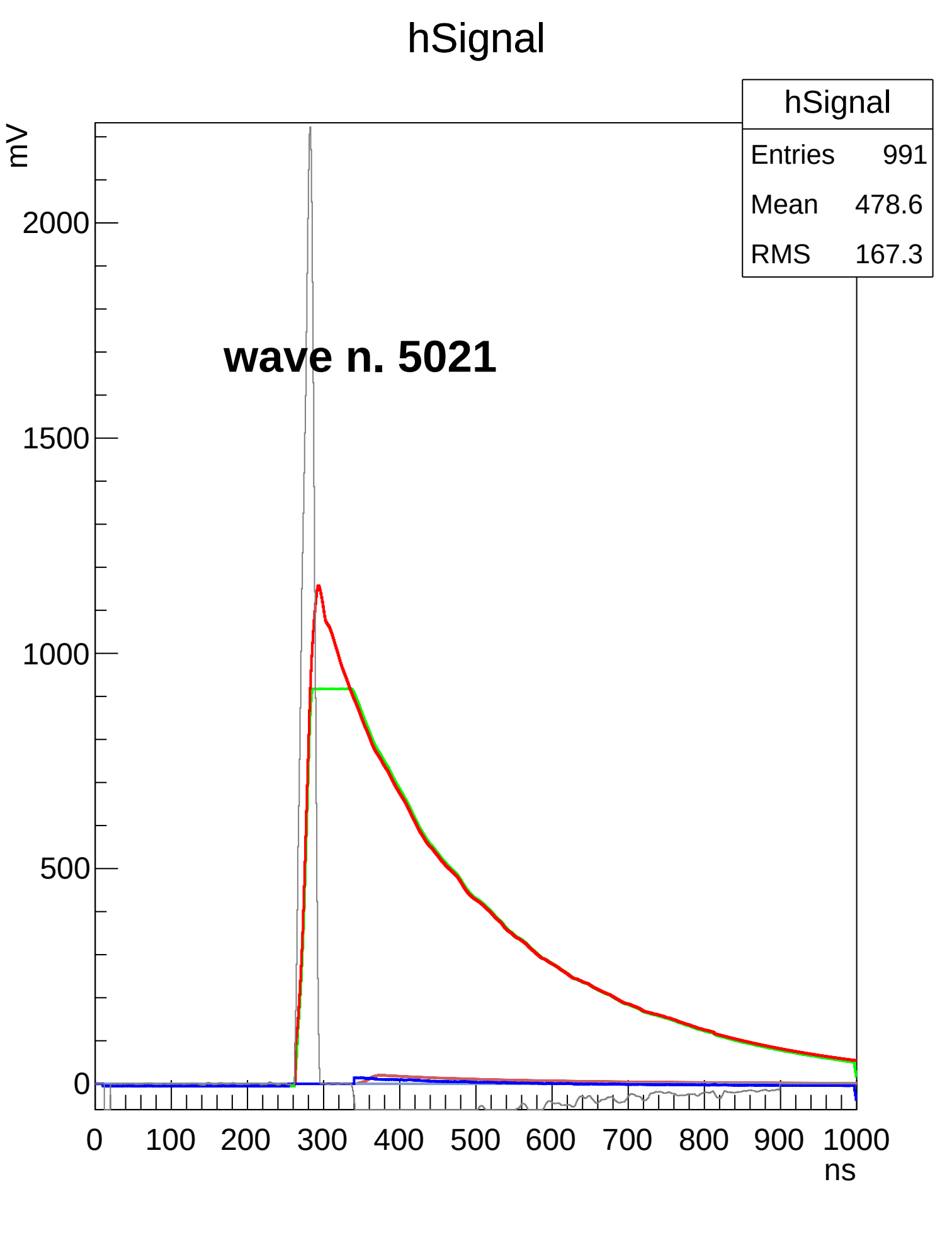
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 478.6
RMS 167.3
wave n. 5021
mV
2000
1500
1000
500
0
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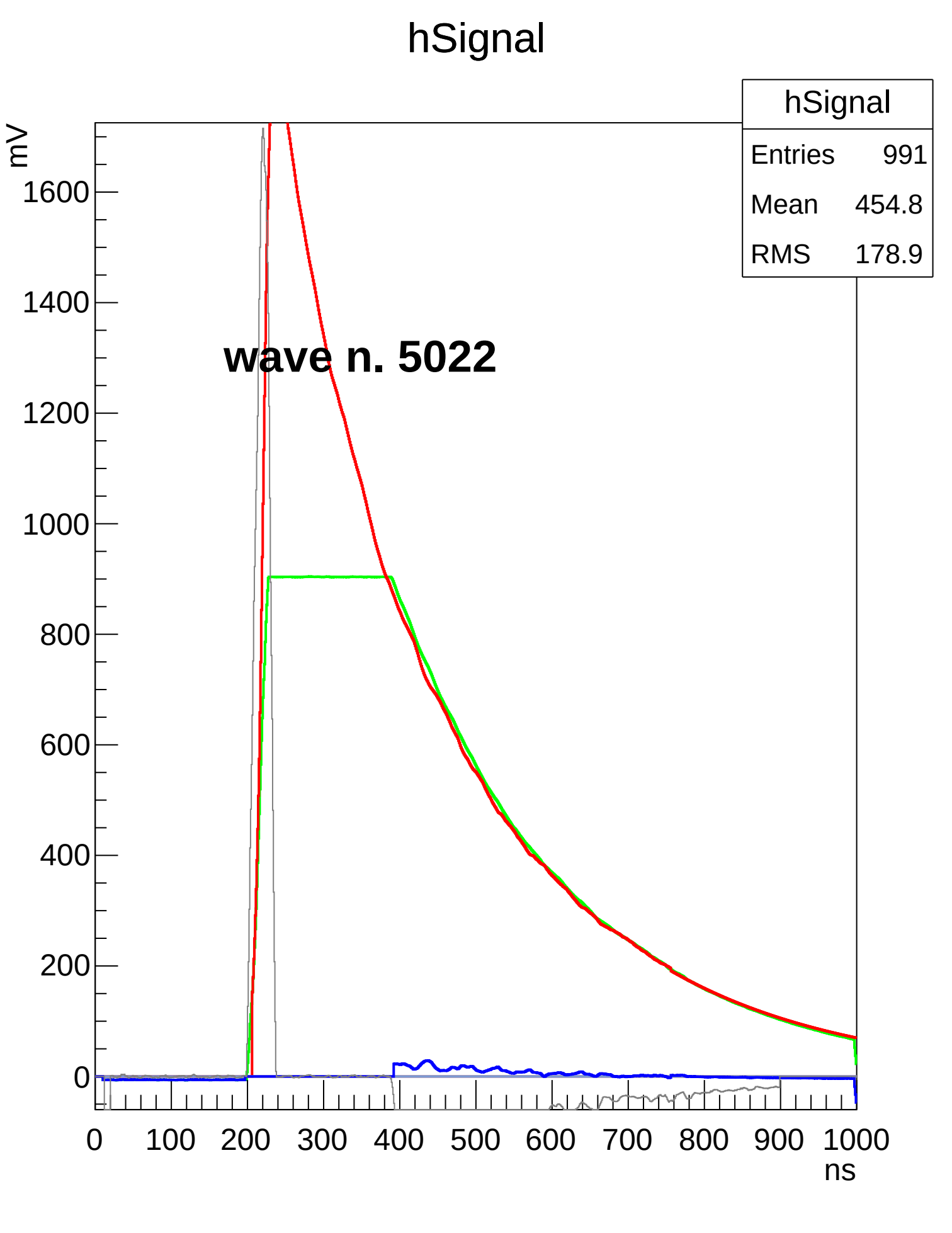
ns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hSignal
Entries 991
Mean 454.8
RMS 178.9
wave n. 5022
mV
1600
1400
1200
1000
800
600
400
200
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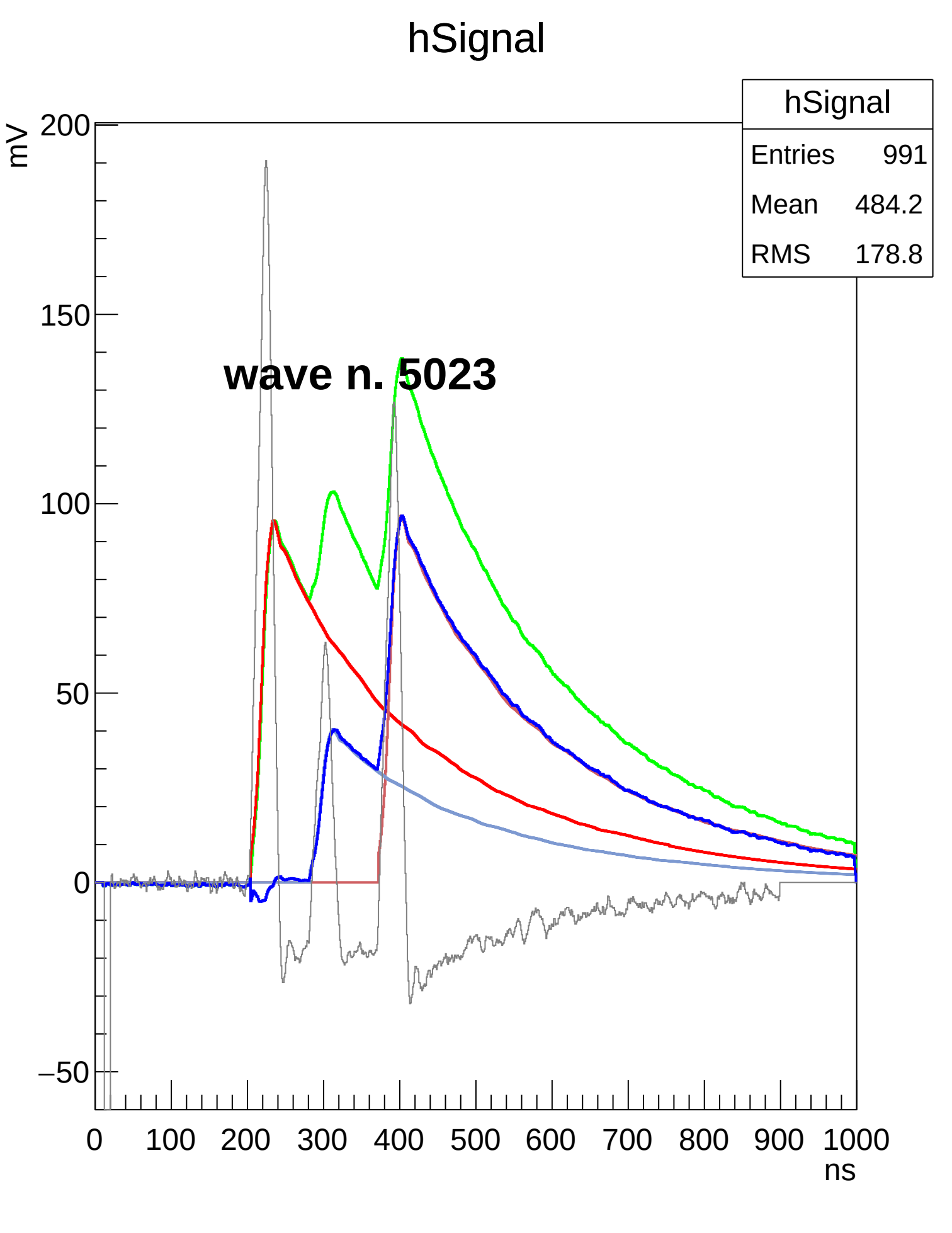
ns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hSignal
Entries 991
Mean 484.2
RMS 178.8
wave n. 5023
mV
200
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100
50
0
−50
0
100
200
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400
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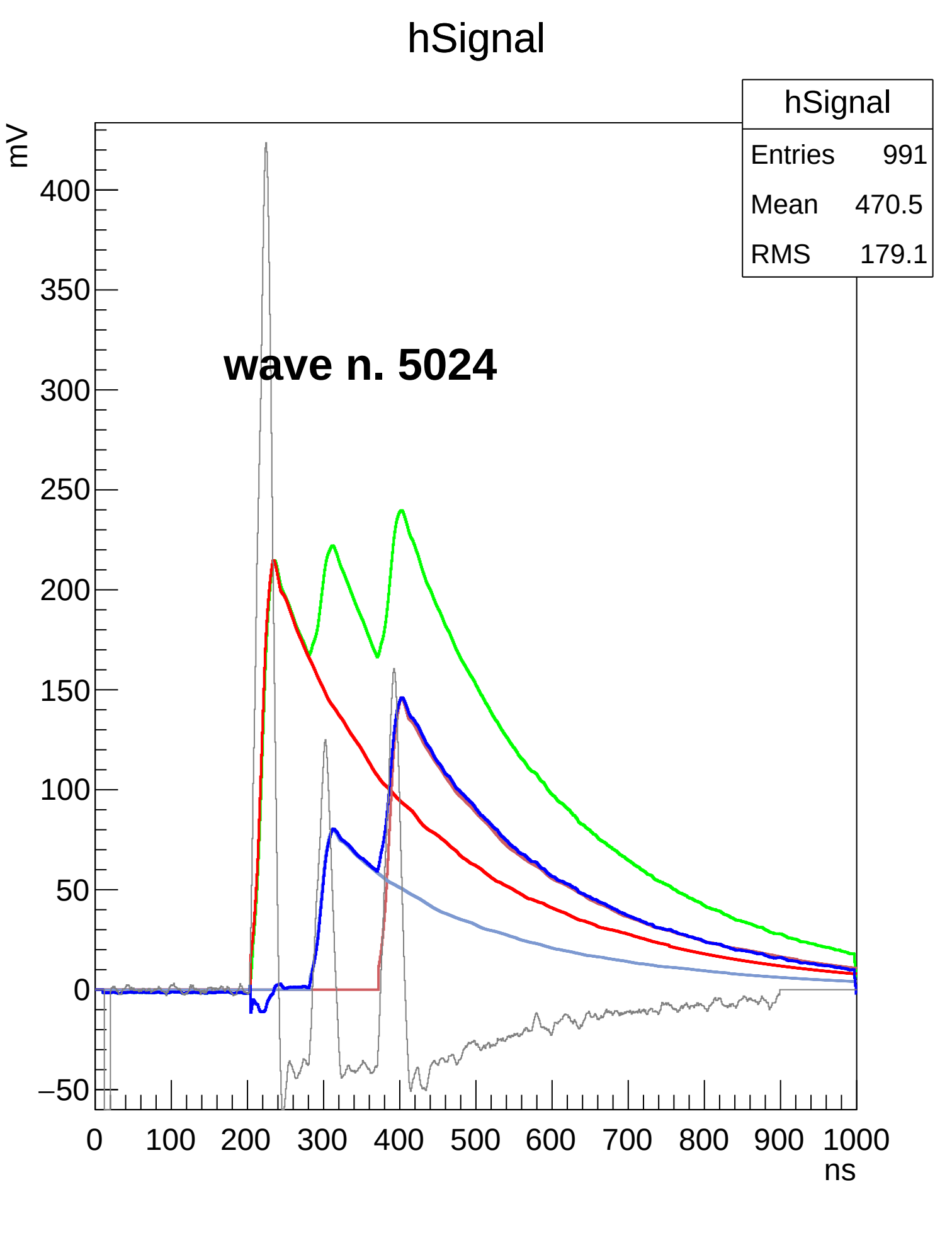
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 470.5
RMS 179.1
wave n. 5024
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
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400
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600
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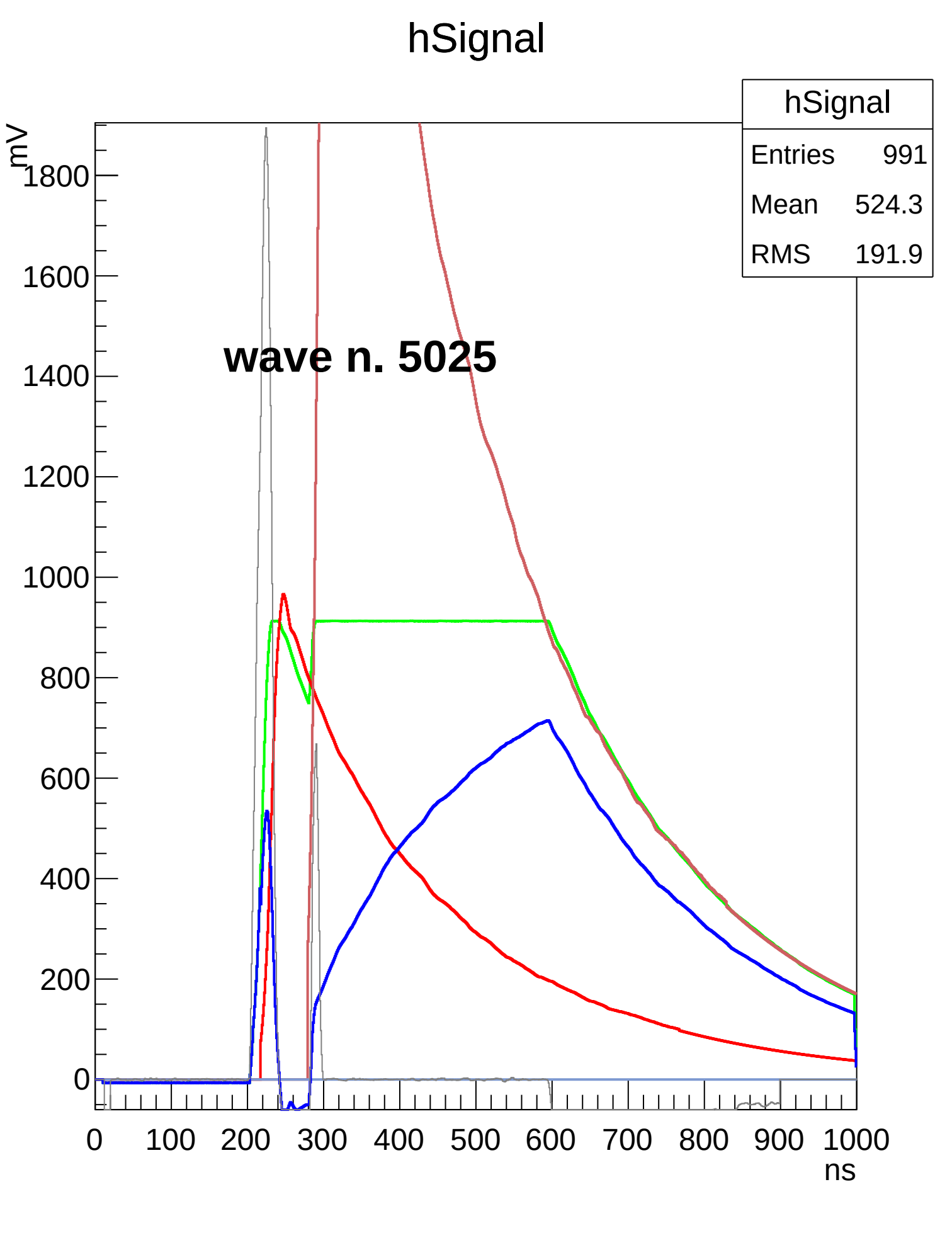
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 524.3
RMS 191.9
wave n. 5025
mV
1800
1600
1400
1200
1000
800
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400
200
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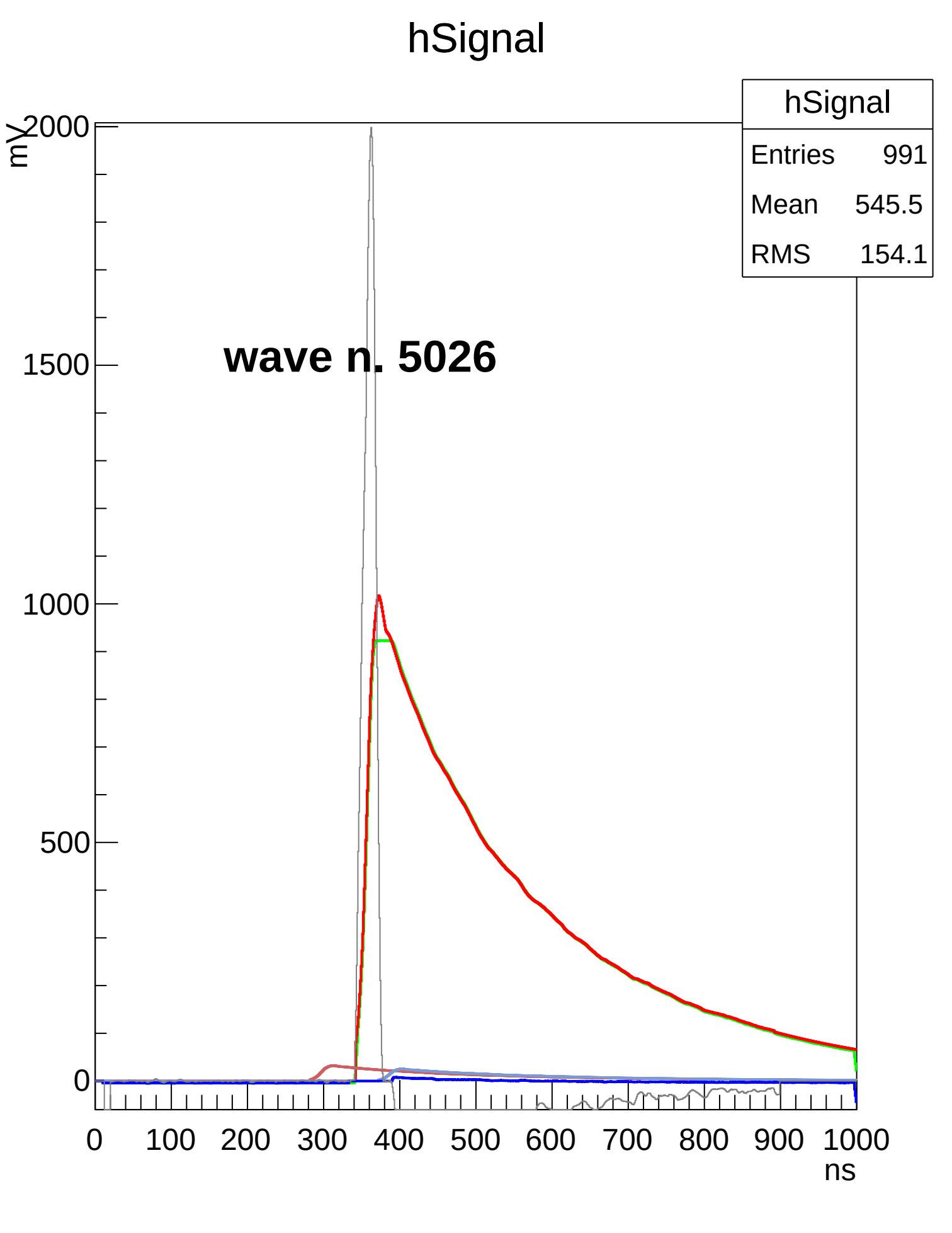
ns


hSignal
hSignal
Entries 991
Mean 545.5
RMS 154.1
wave n. 5026
mV
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1500
1000
500
0
0
100
200
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400
500
600
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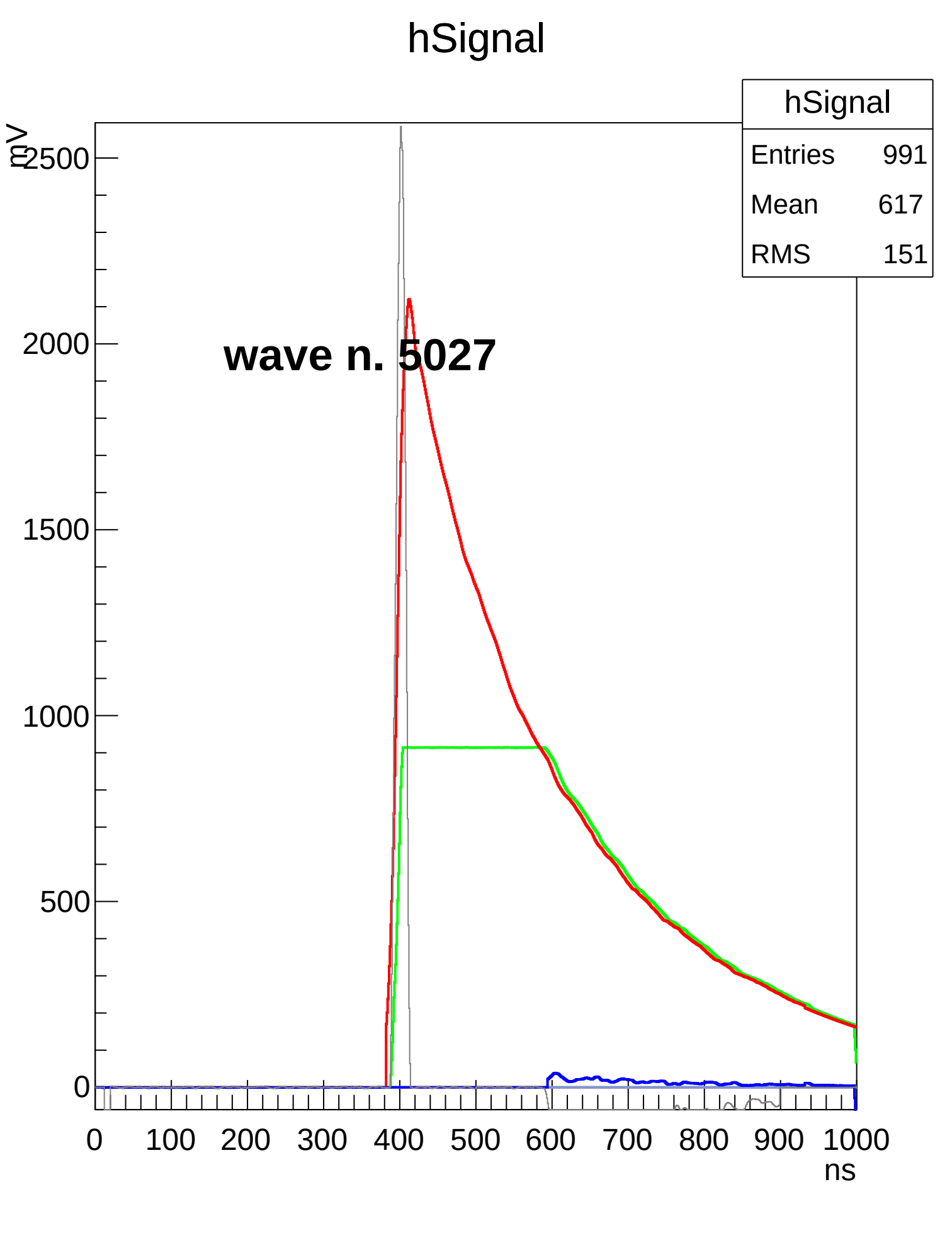
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 617
RMS 151
wave n. 5027
mV
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1500
1000
500
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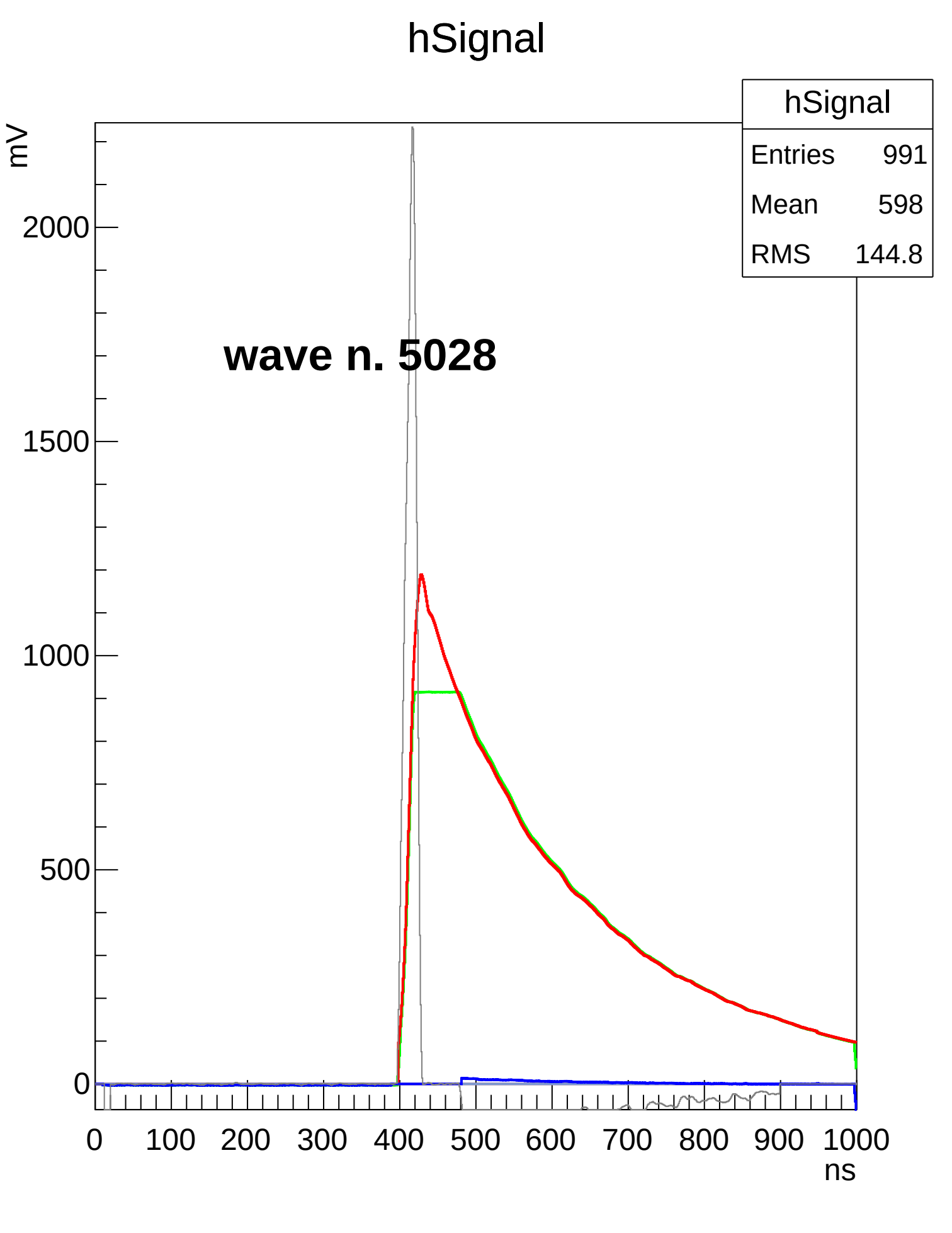
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 598
RMS 144.8
wave n. 5028
mV
2000
1500
1000
500
0
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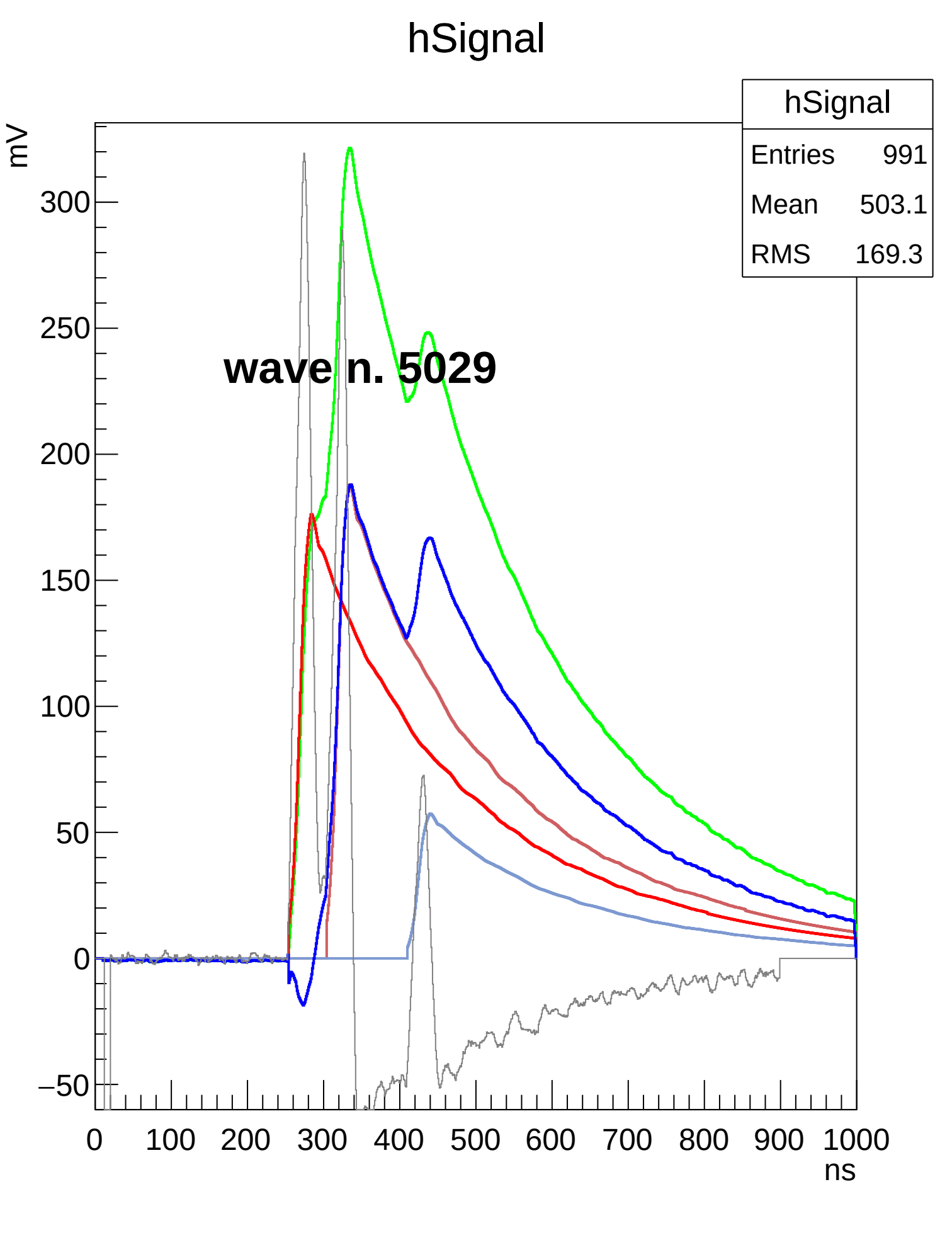
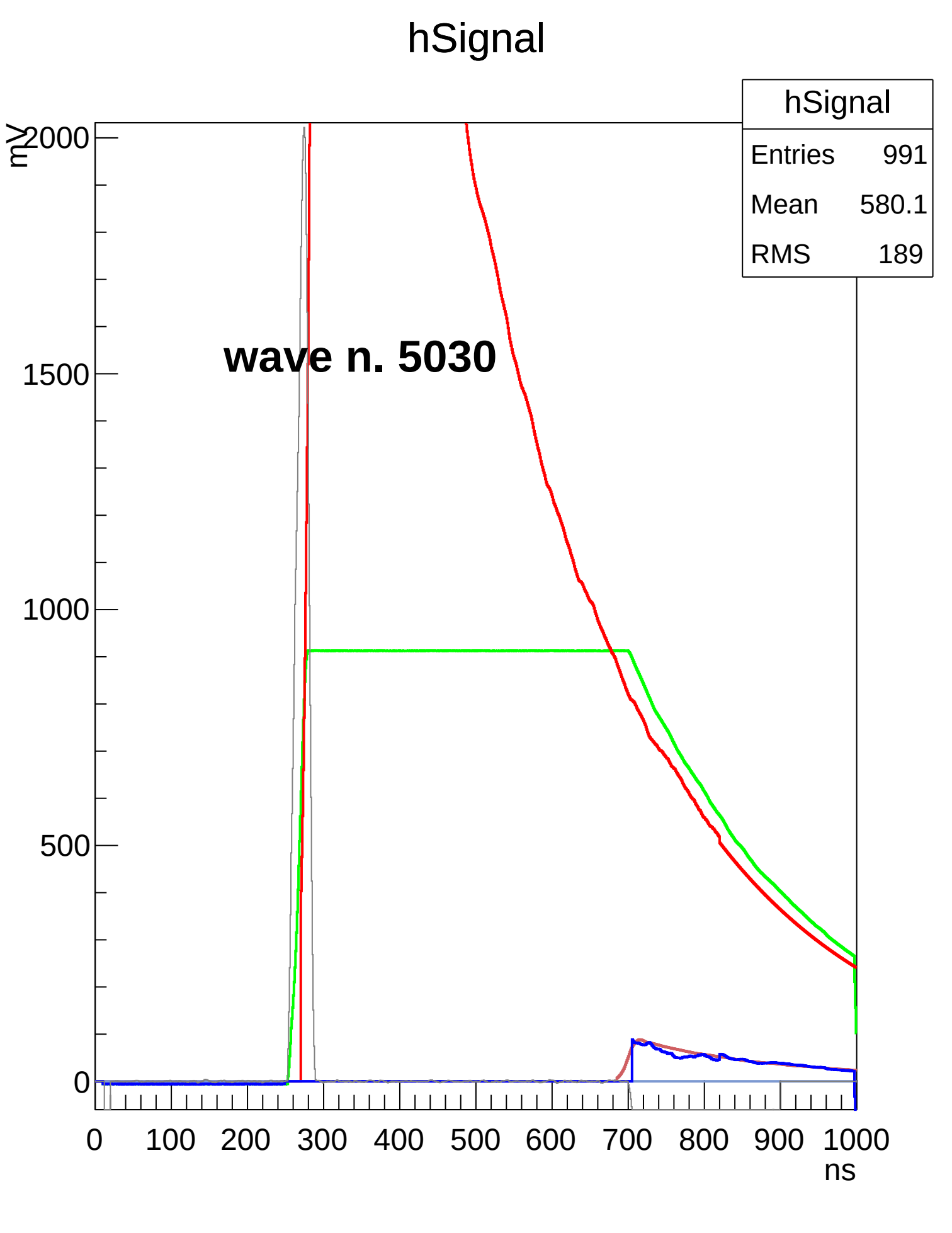
ns


hSignal
hSignal
Entries 991
Mean 503.1
RMS 169.3
wave n. 5029
mV
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580.1
RMS 189
wave n. 5030
mV
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1500
1000
500
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0
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200
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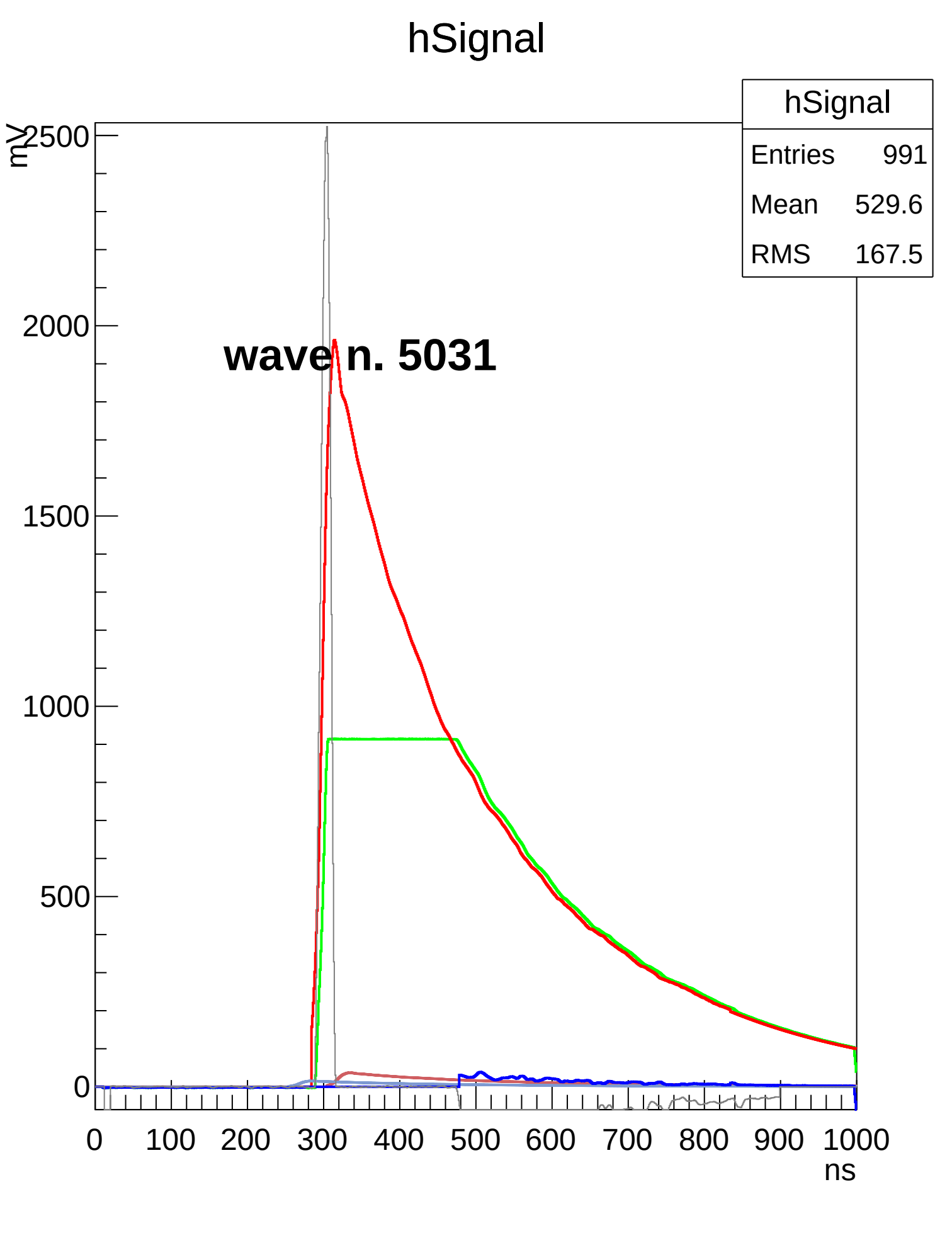
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 529.6
RMS 167.5
wave n. 5031
mV
2500
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1500
1000
500
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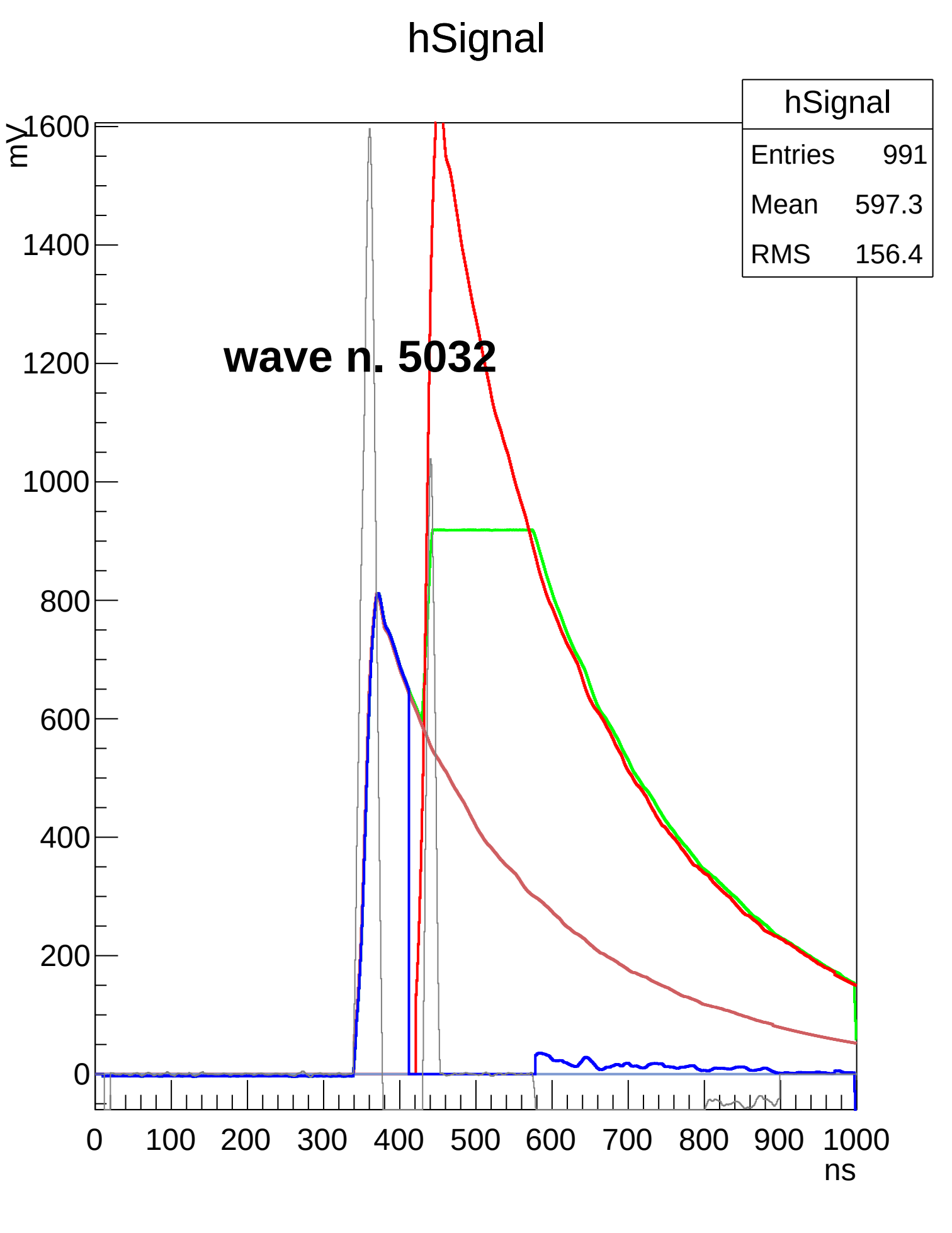
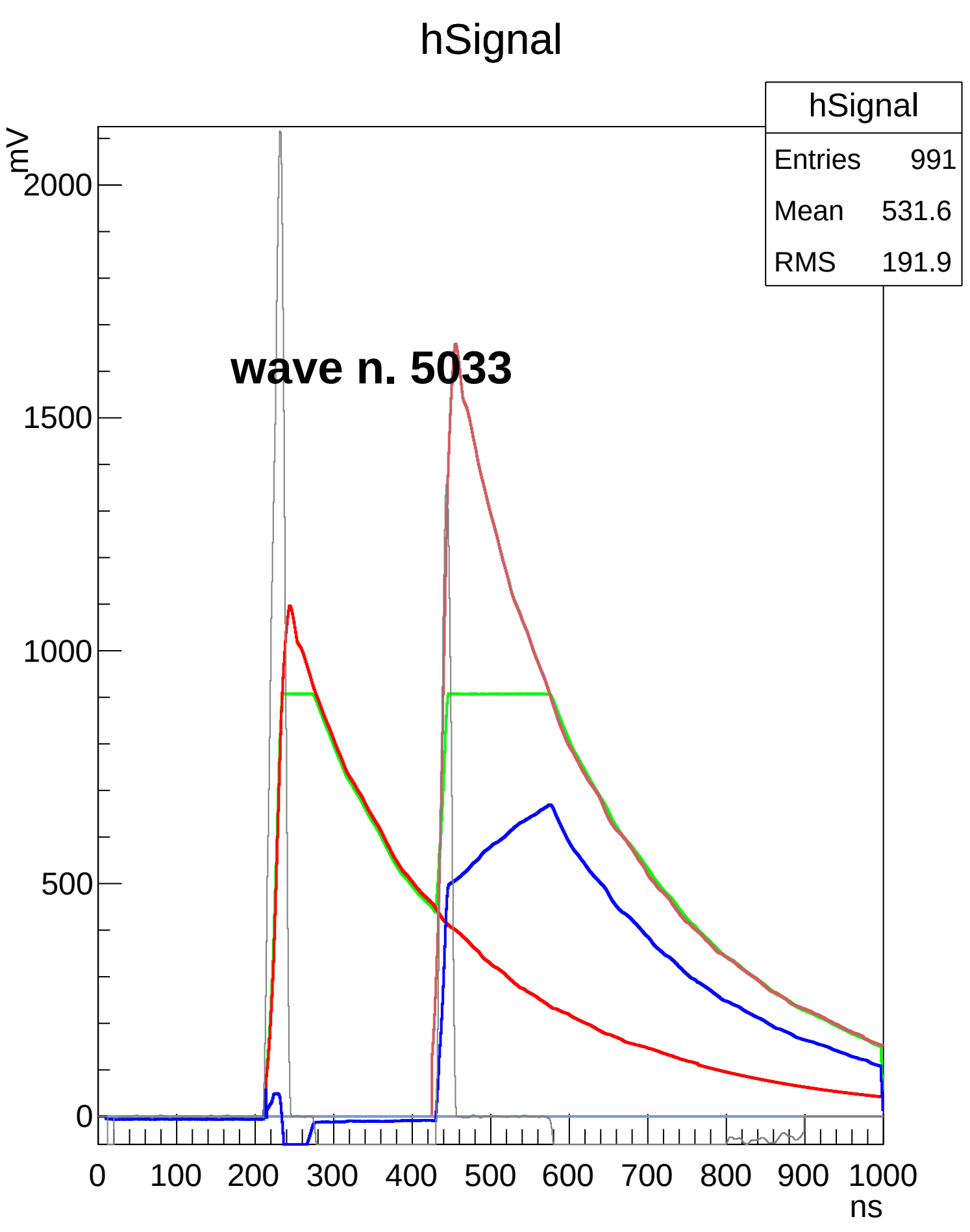
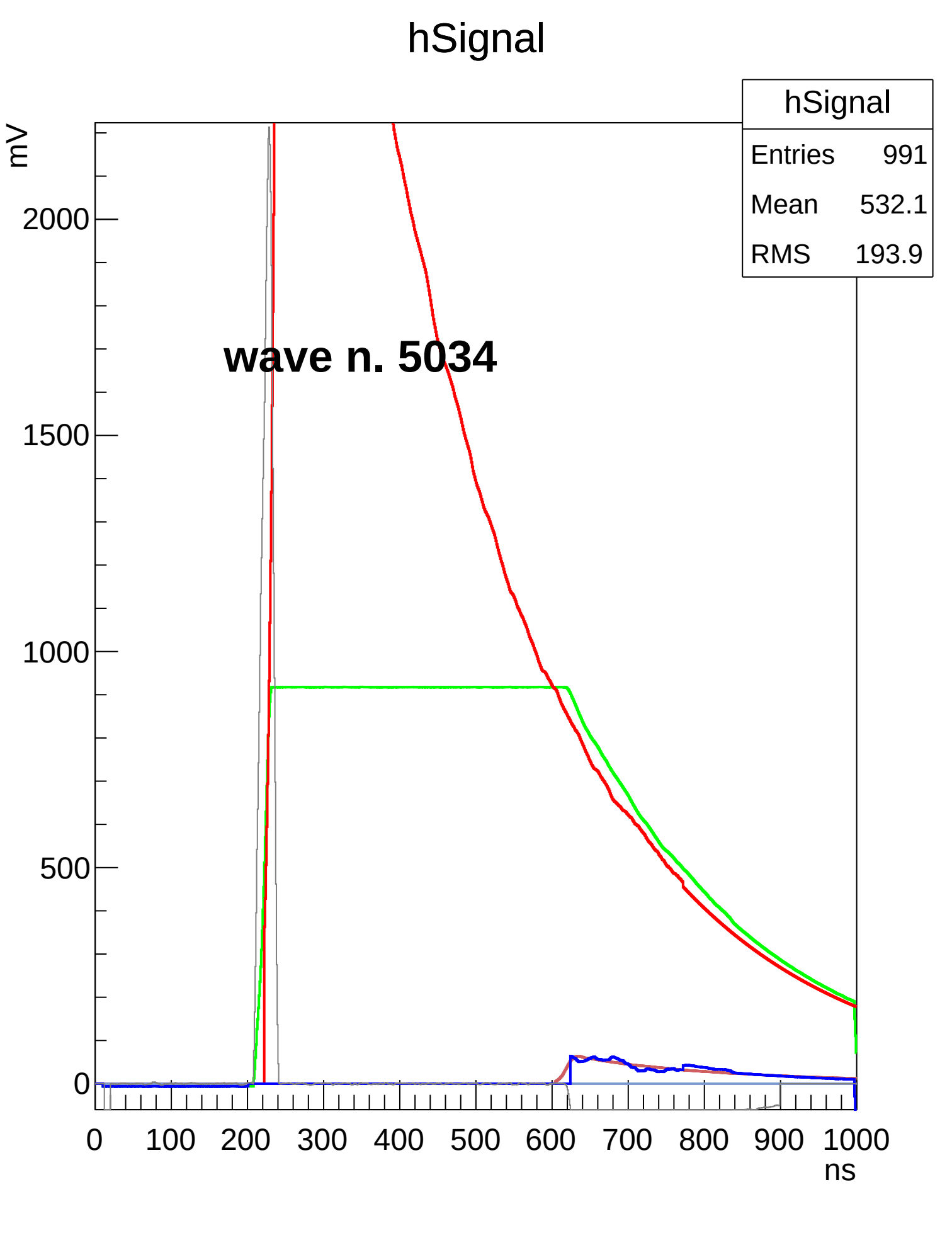
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597.3
RMS 156.4
wave n. 5032
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 531.6
RMS 191.9
wave n. 5033
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 532.1
RMS 193.9
wave n. 5034
mV
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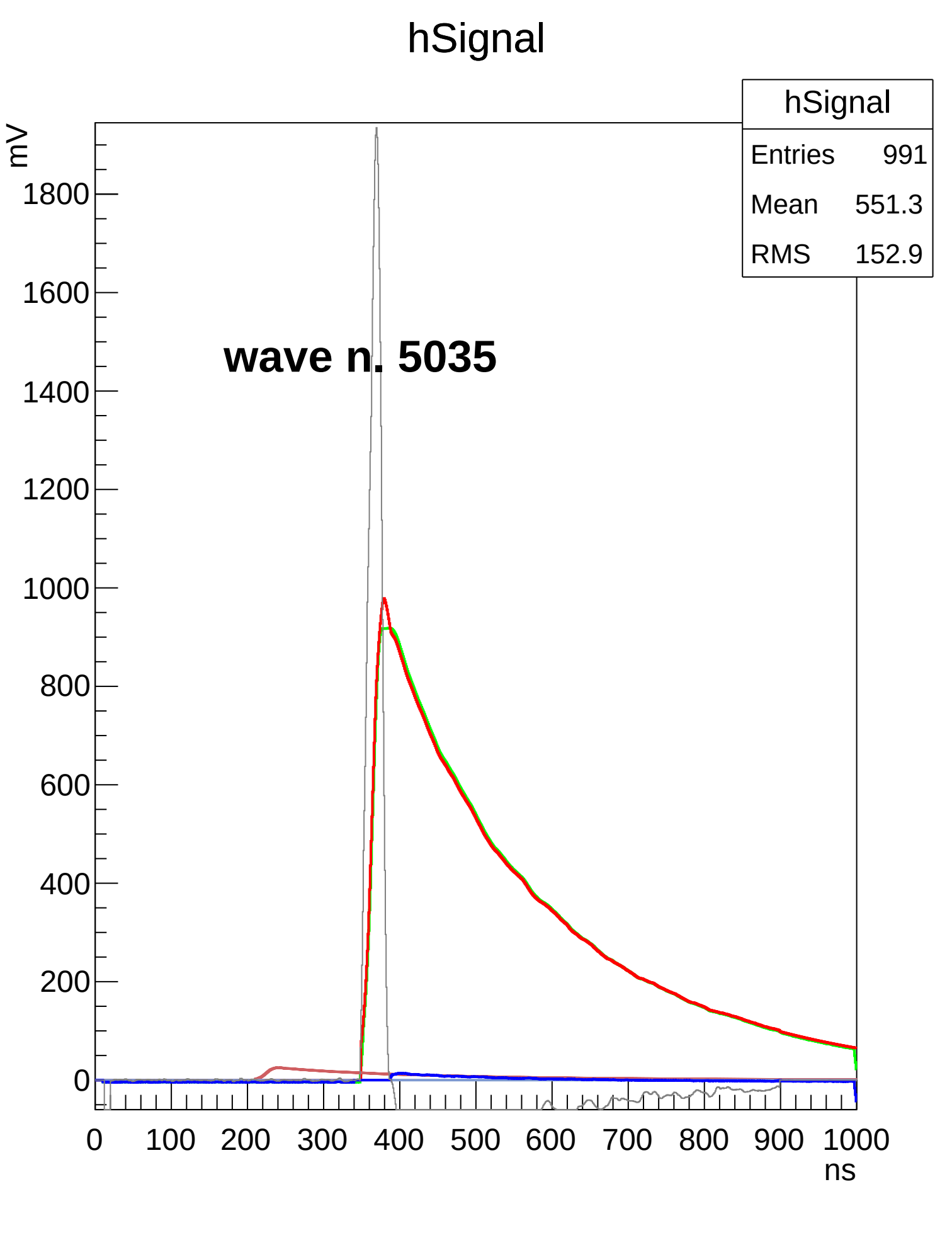
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 551.3
RMS 152.9
wave n. 5035
mV
1800
1600
1400
1200
1000
800
600
400
200
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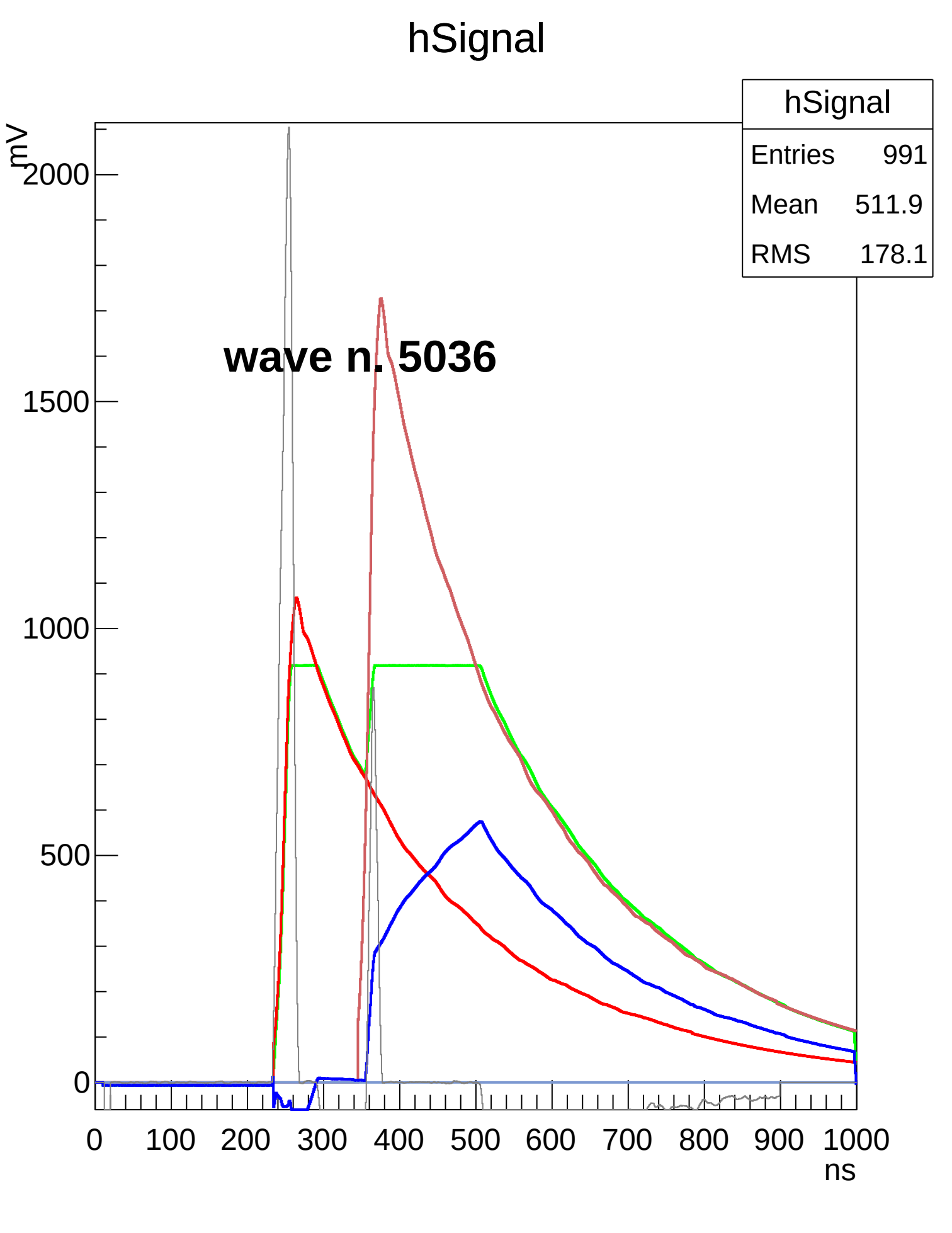
ns


hSignal
hSignal
Entries 991
Mean 511.9
RMS 178.1
wave n. 5036
mV
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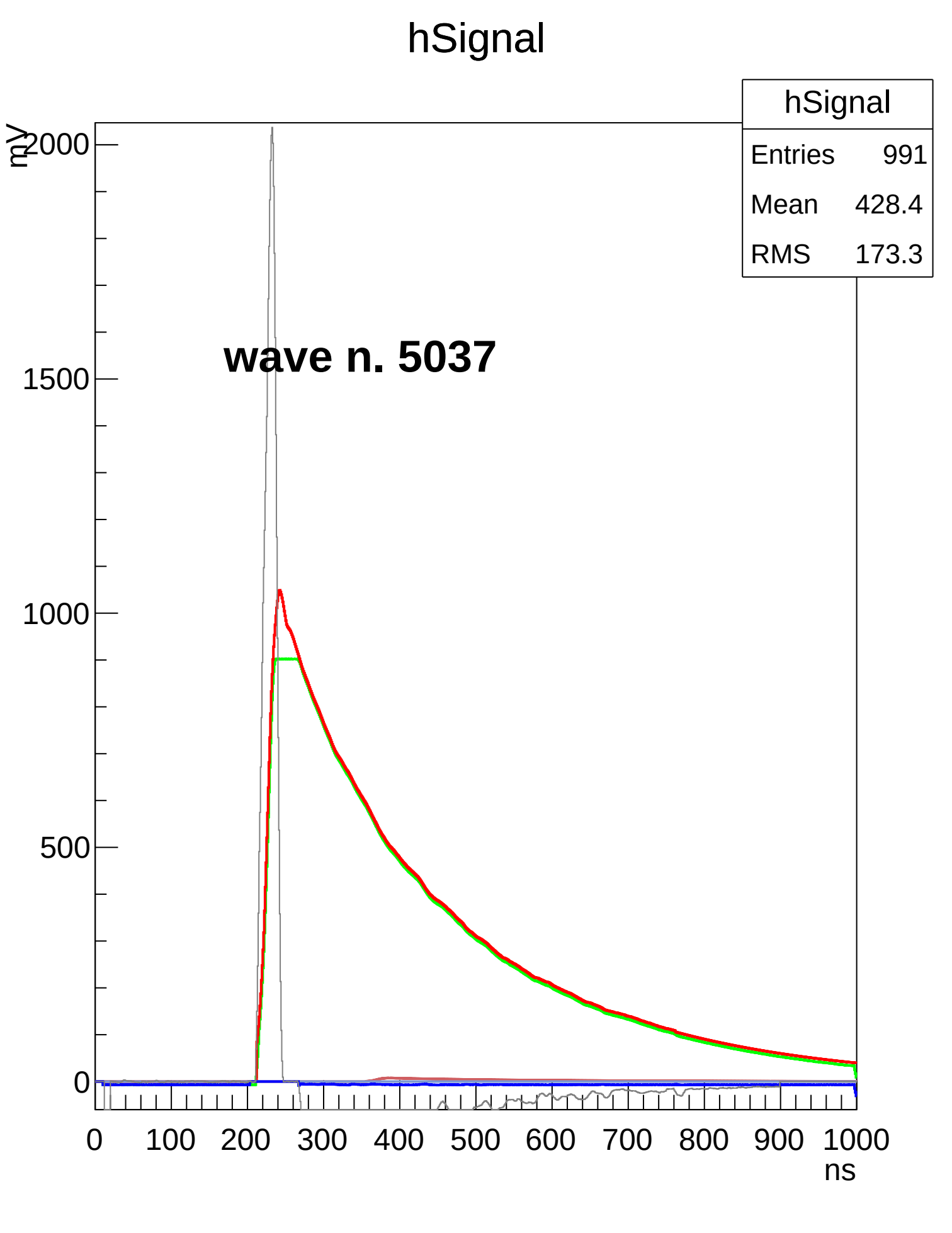
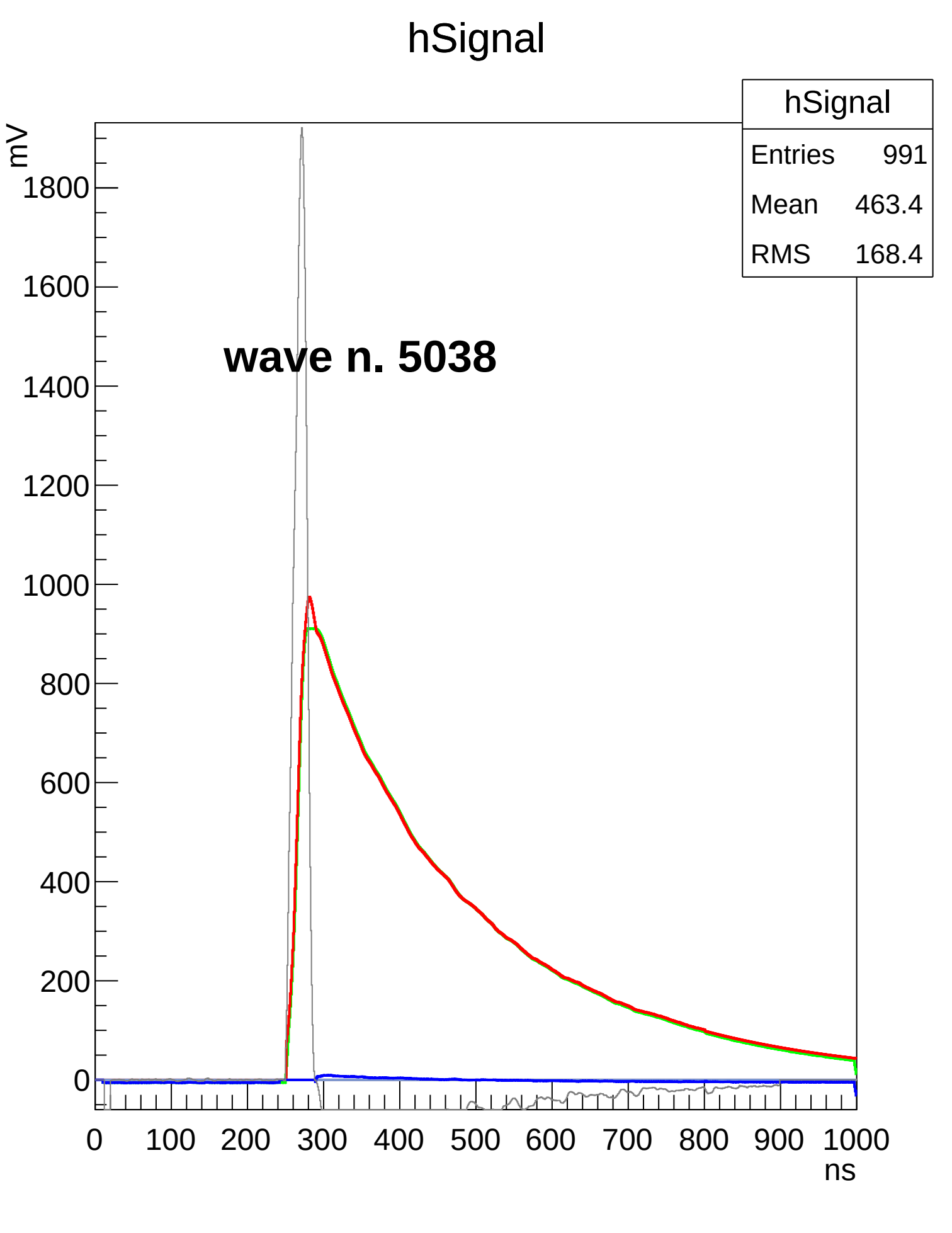
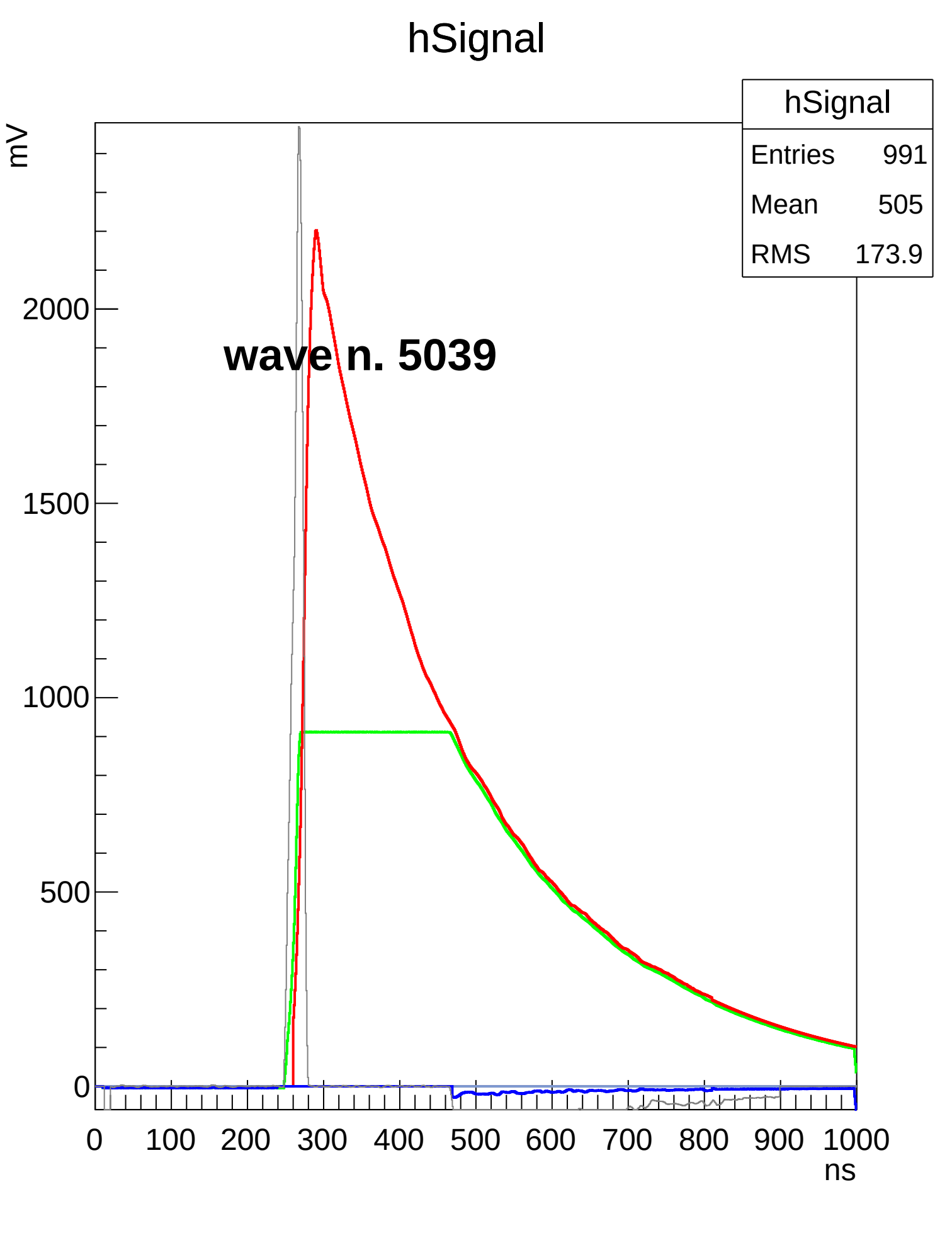
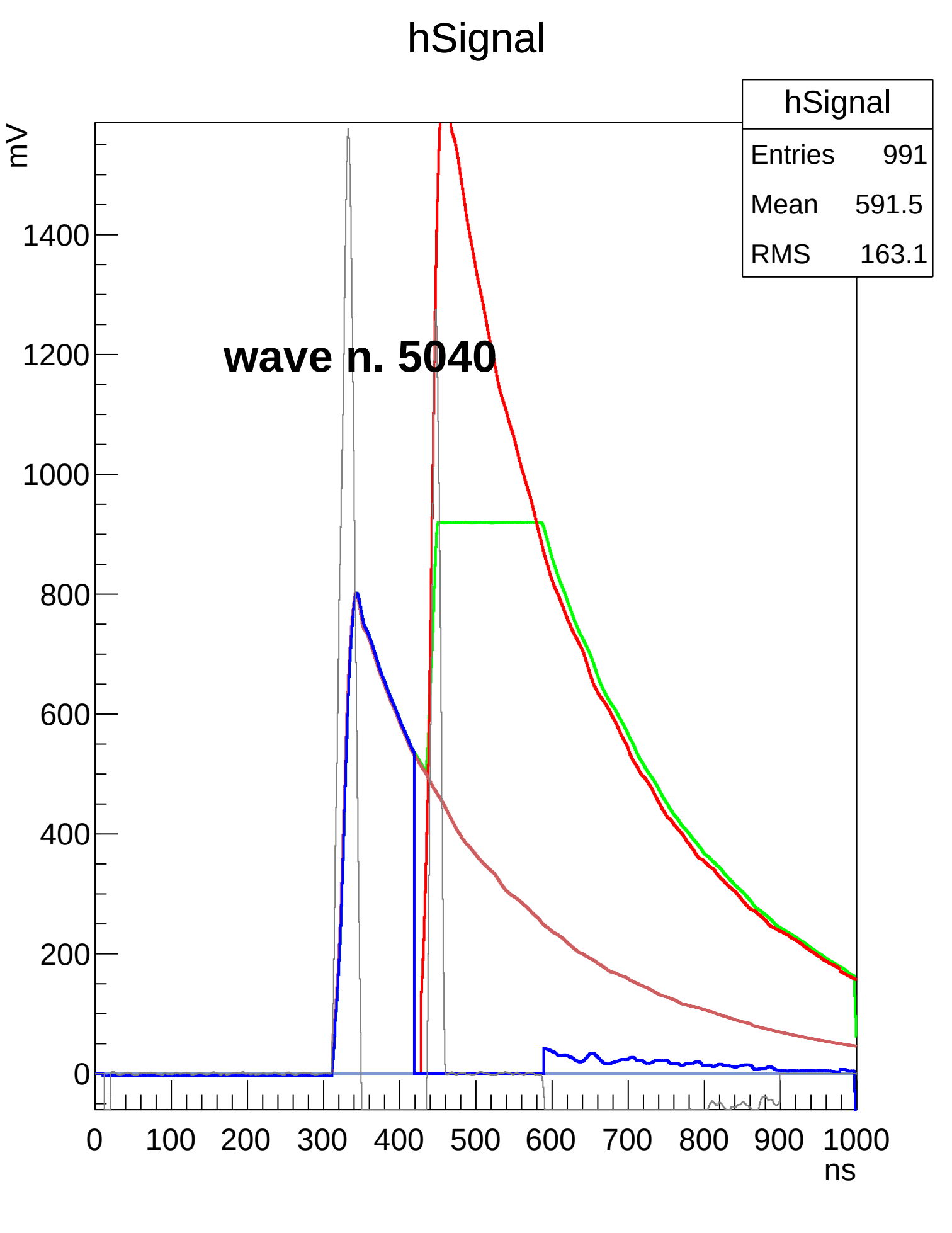
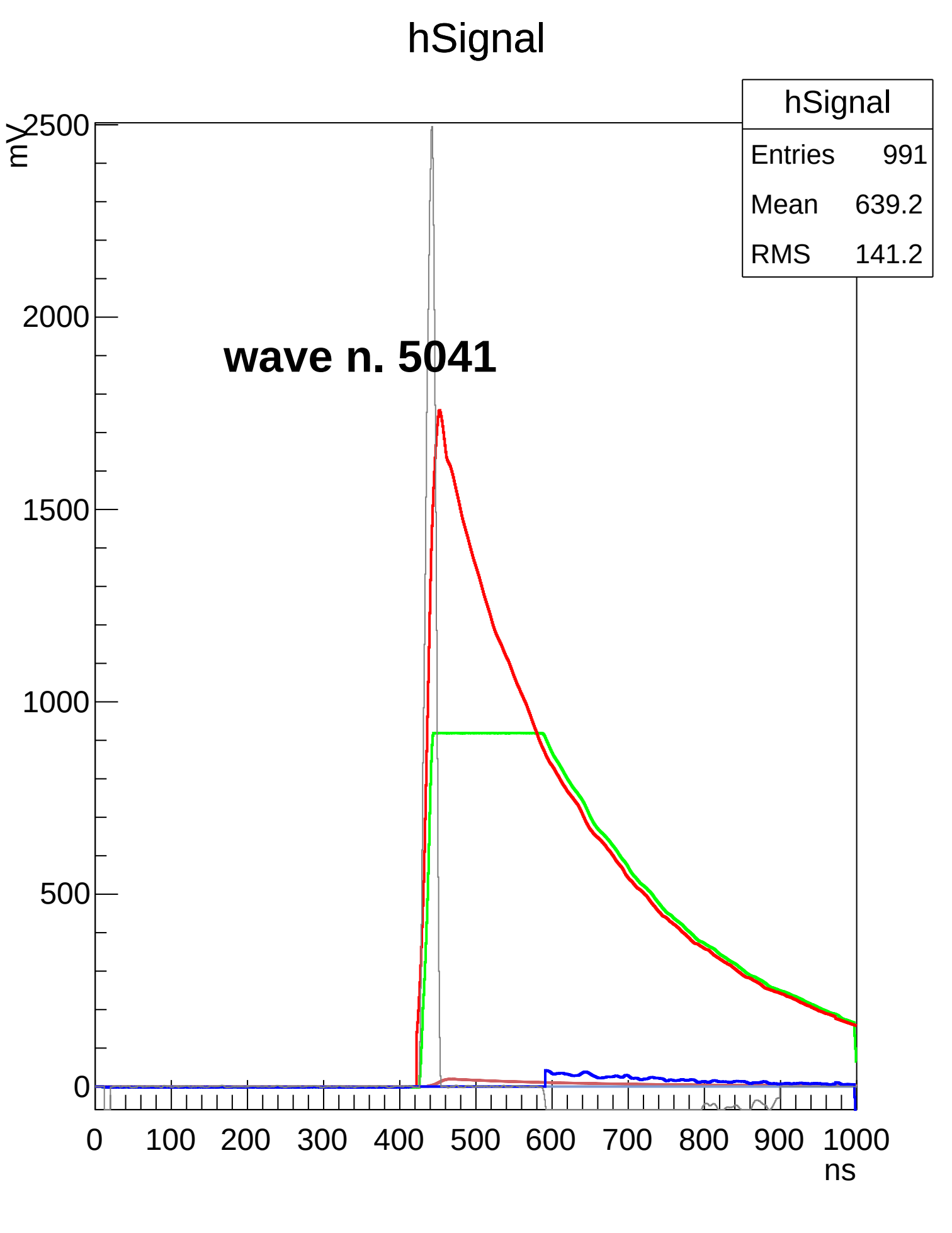
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

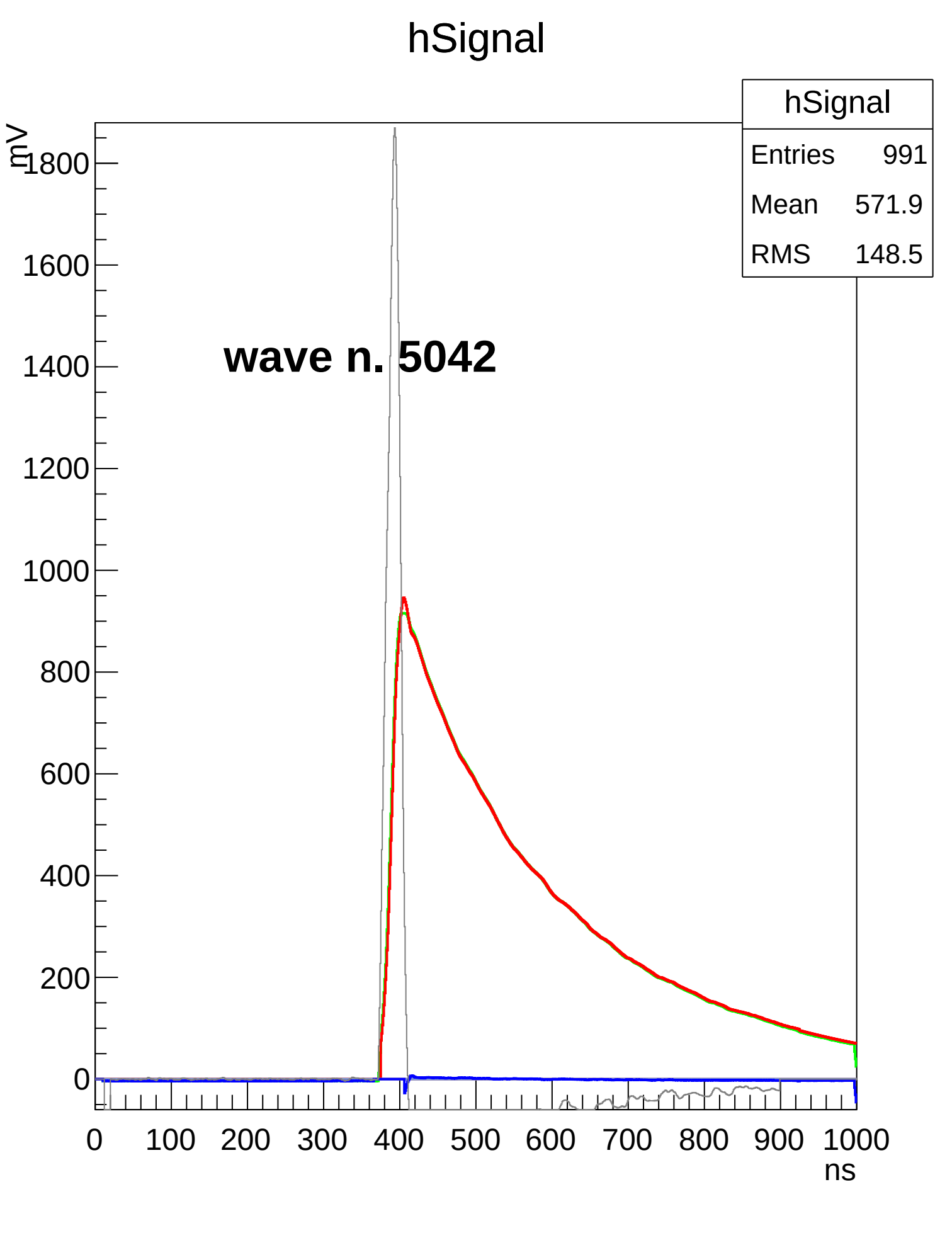

hSignal
hSignal
Entries 991
Mean 428.4
RMS 173.3
wave n. 5037
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

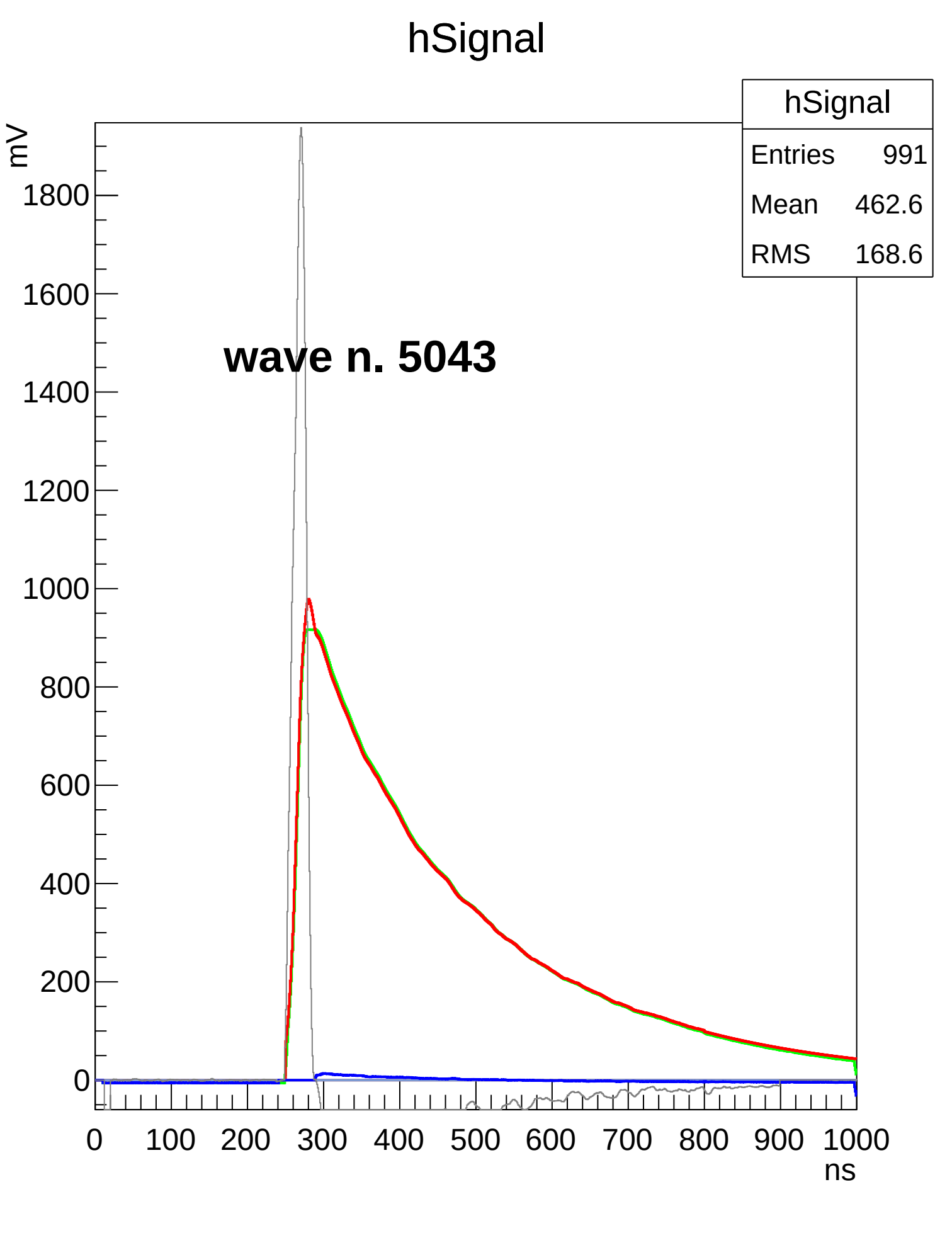

hSignal
hSignal
Entries 991
Mean 463.4
RMS 168.4
wave n. 5038
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

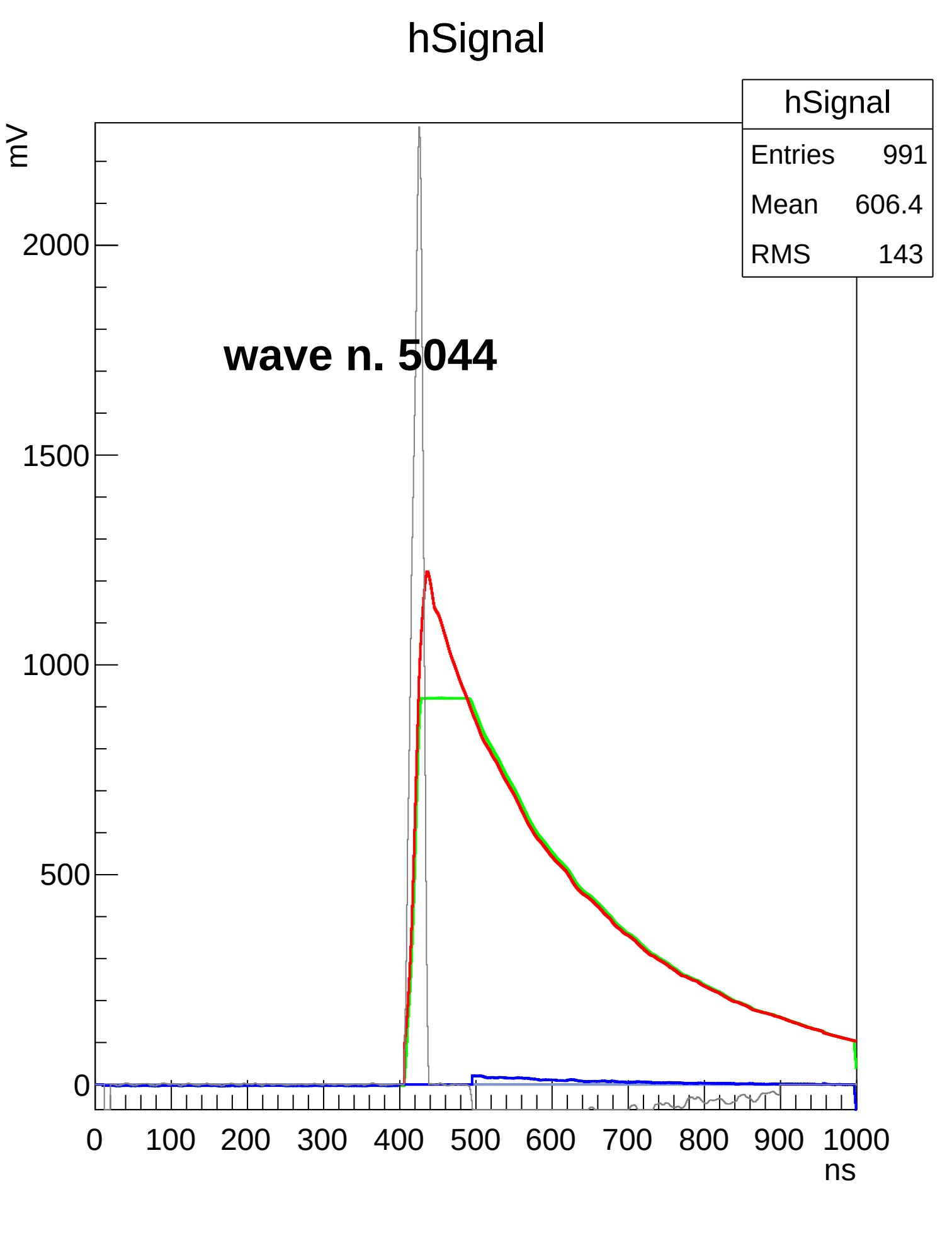

hSignal
hSignal
Entries 991
Mean 505
RMS 173.9
wave n. 5039
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

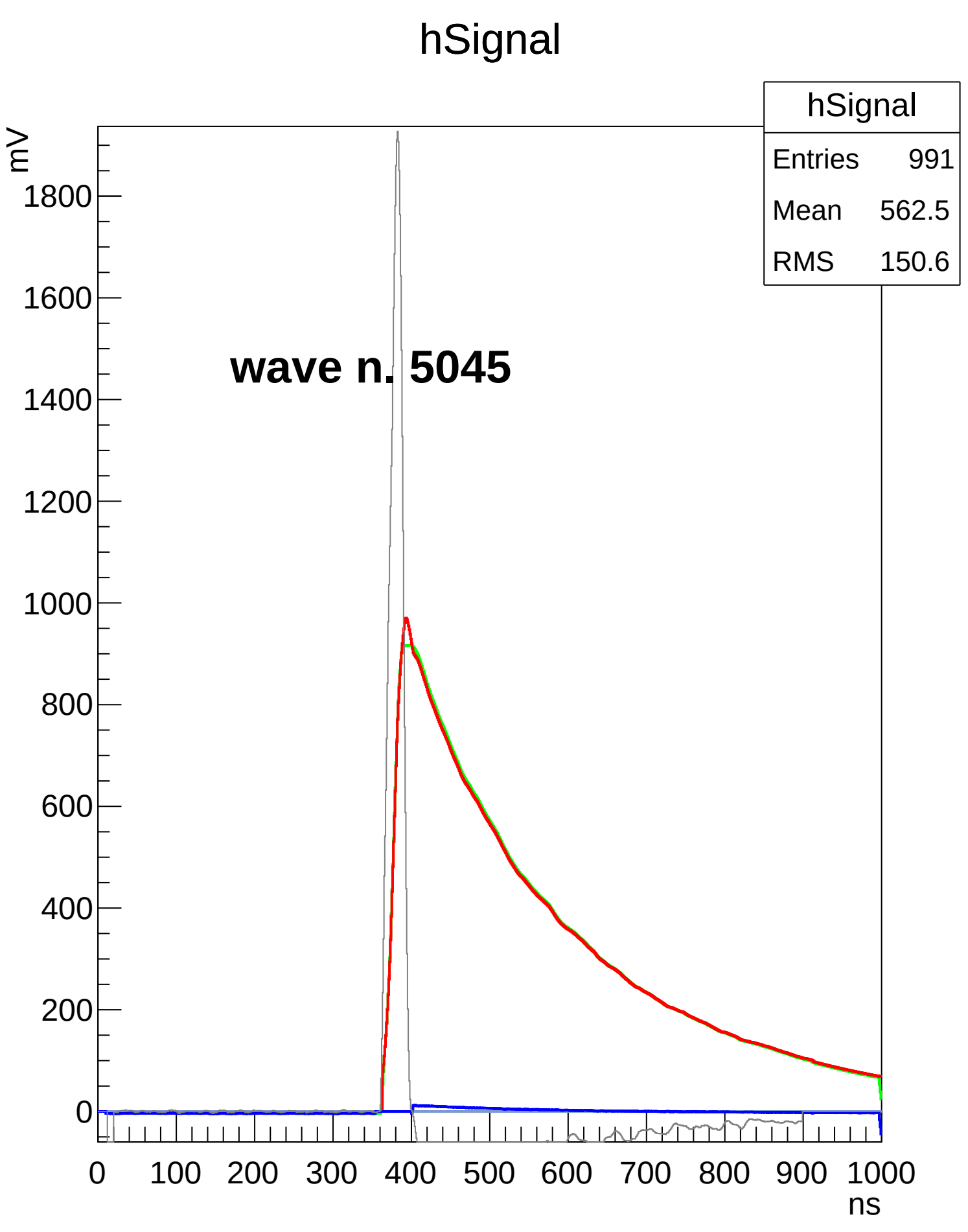

hSignal
hSignal
Entries 991
Mean 591.5
RMS 163.1
wave n. 5040
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

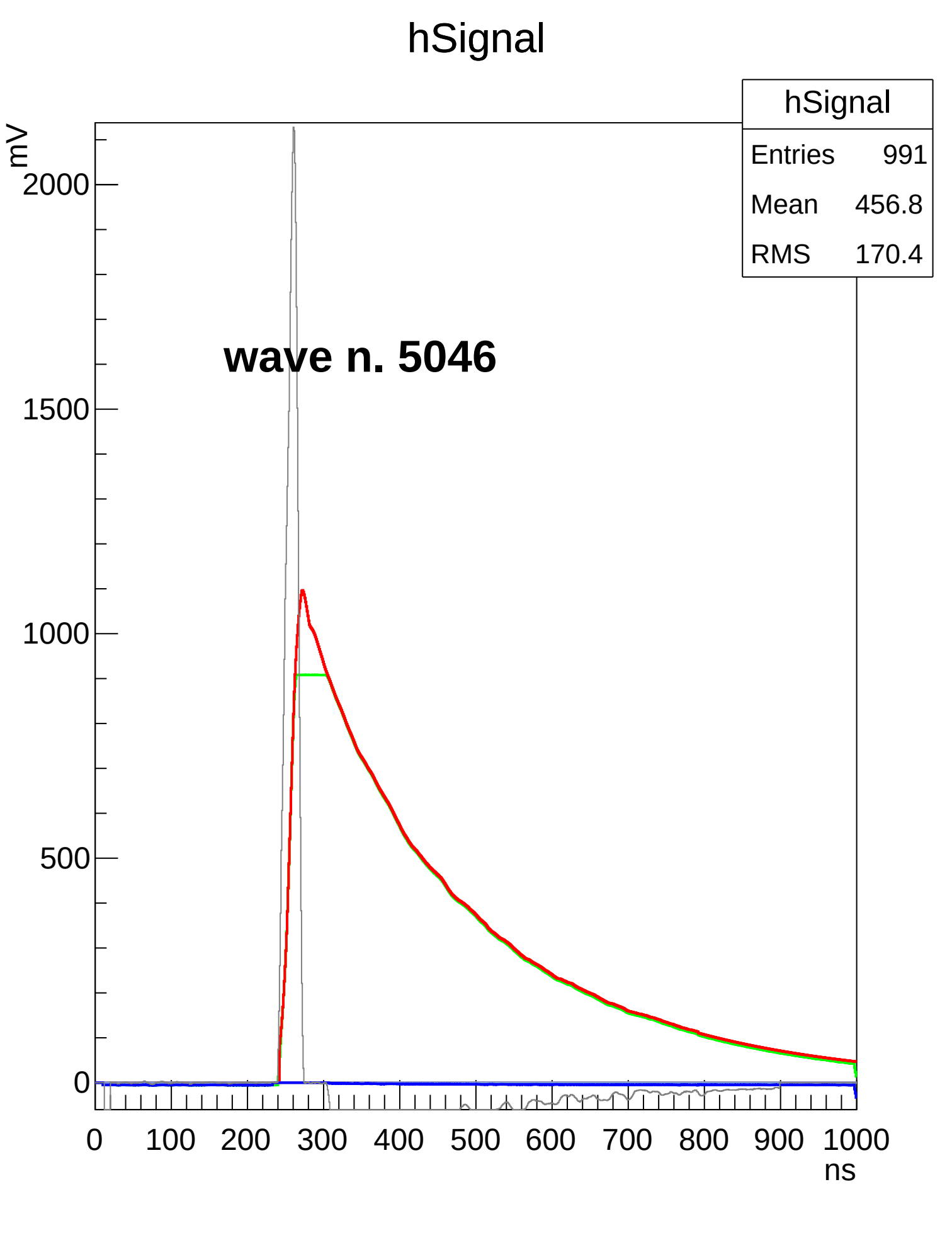

hSignal
hSignal
Entries 991
Mean 639.2
RMS 141.2
wave n. 5041
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 571.9
RMS 148.5
wave n. 5042
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 462.6
RMS 168.6
wave n. 5043
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 606.4
RMS 143
wave n. 5044
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 562.5
RMS 150.6
wave n. 5045
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 456.8
RMS 170.4
wave n. 5046
mV
2000
1500
1000
500
0
0
100
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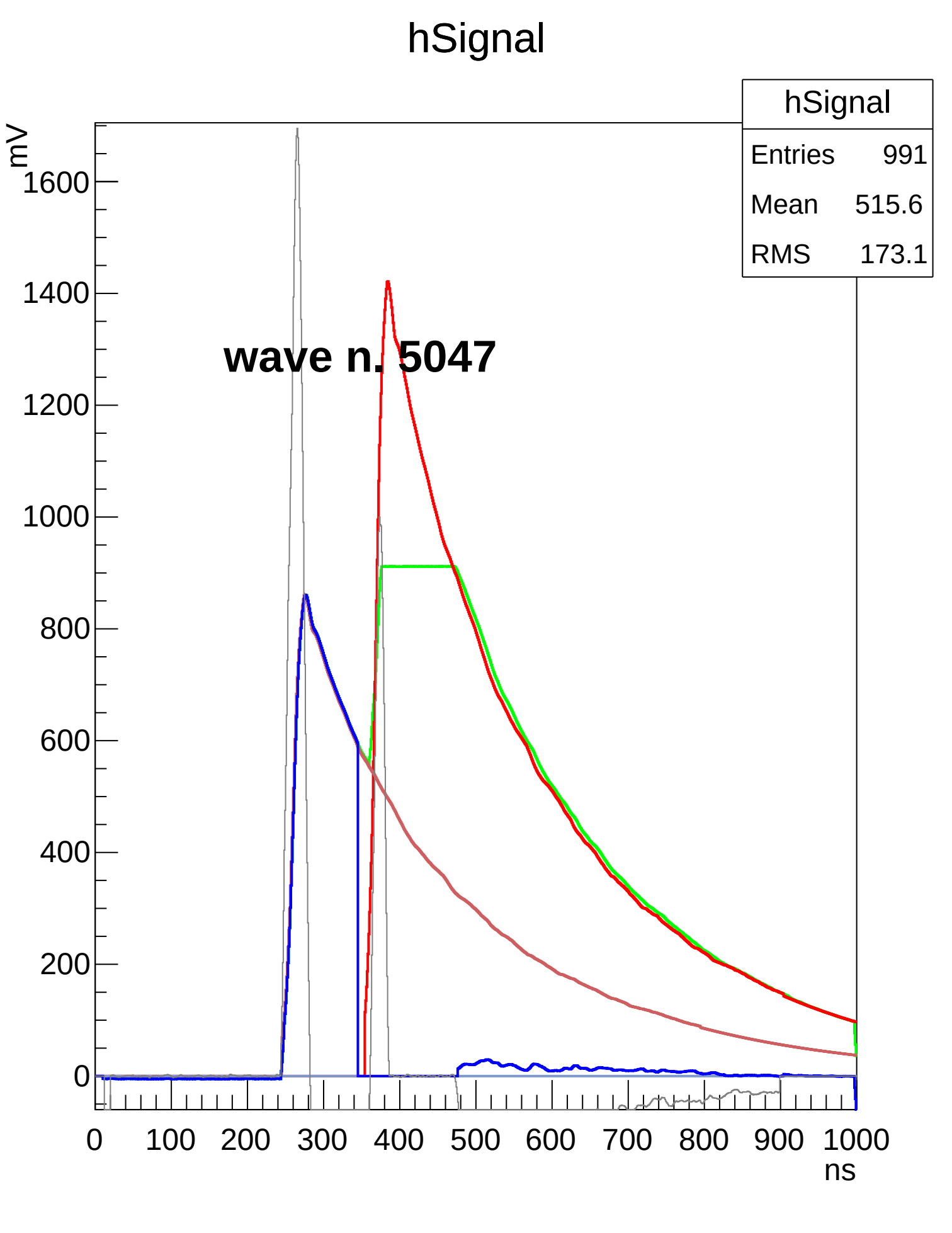
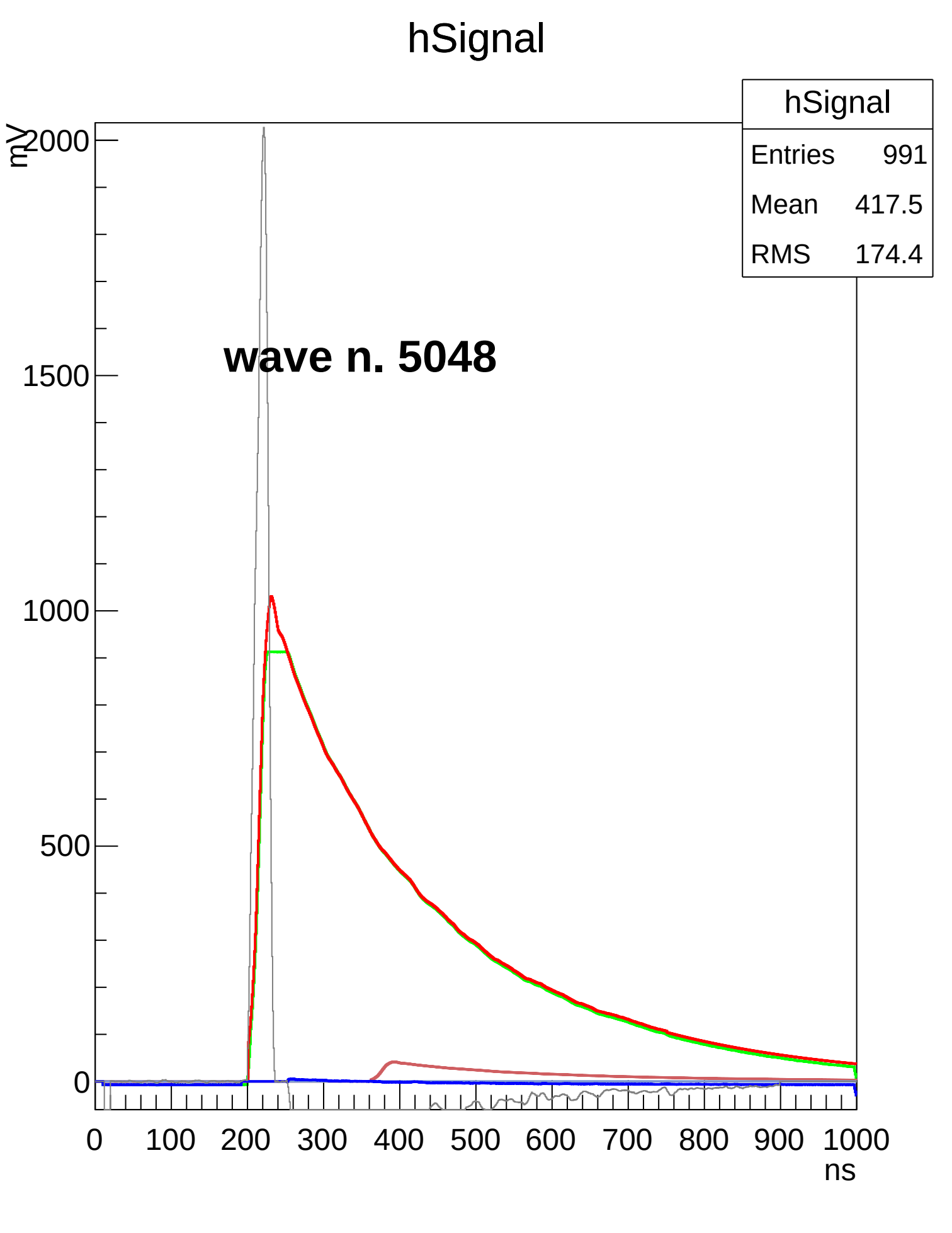
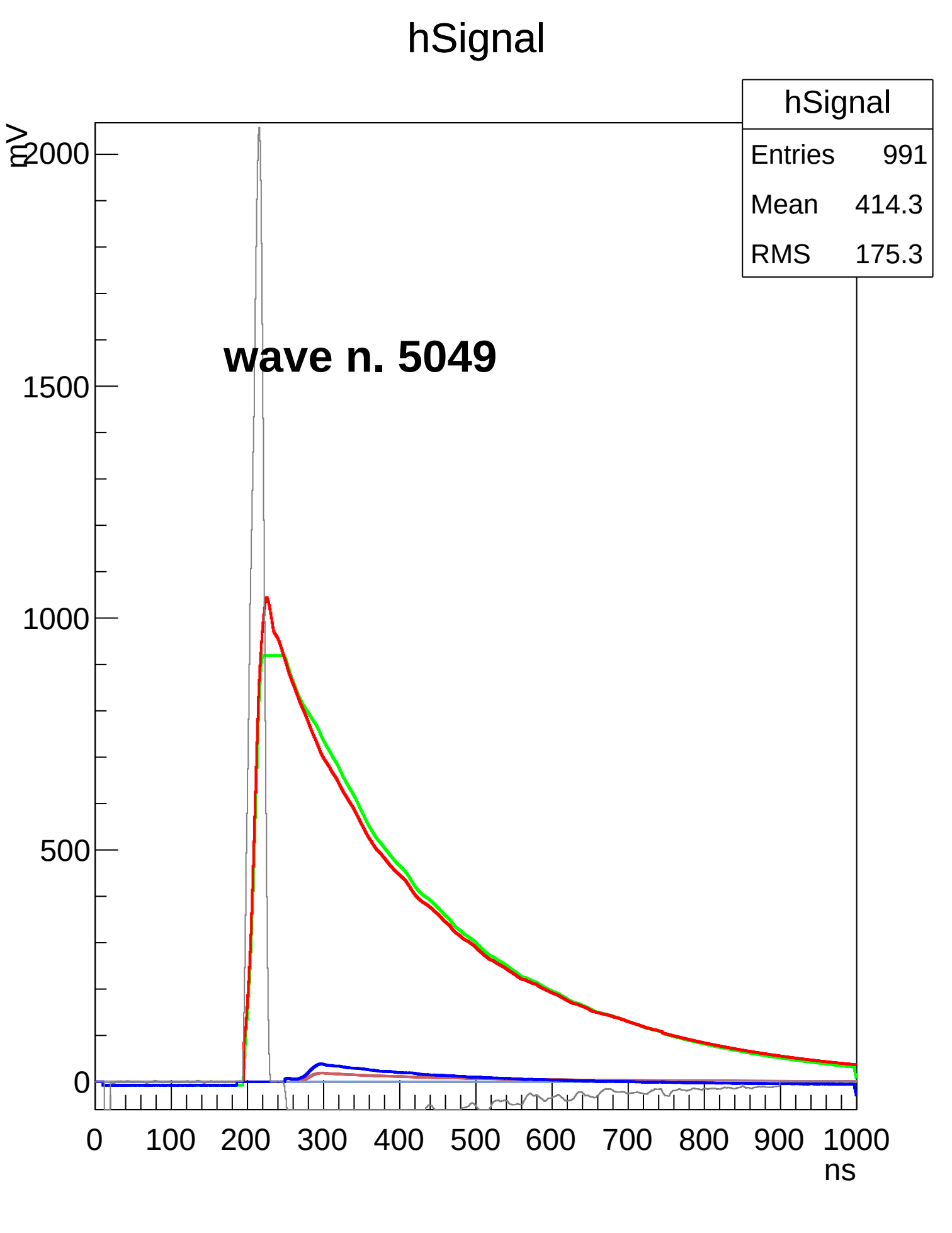
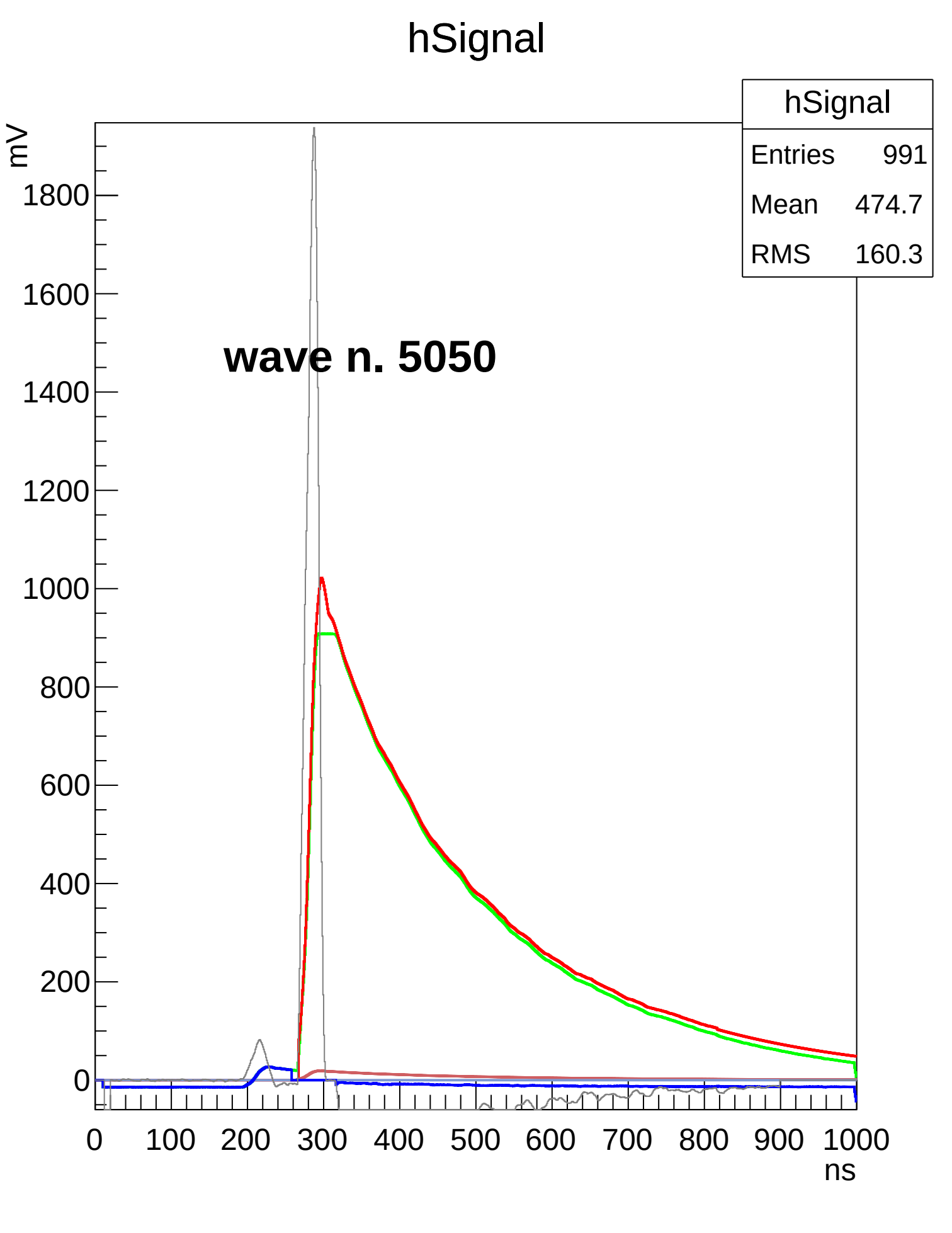
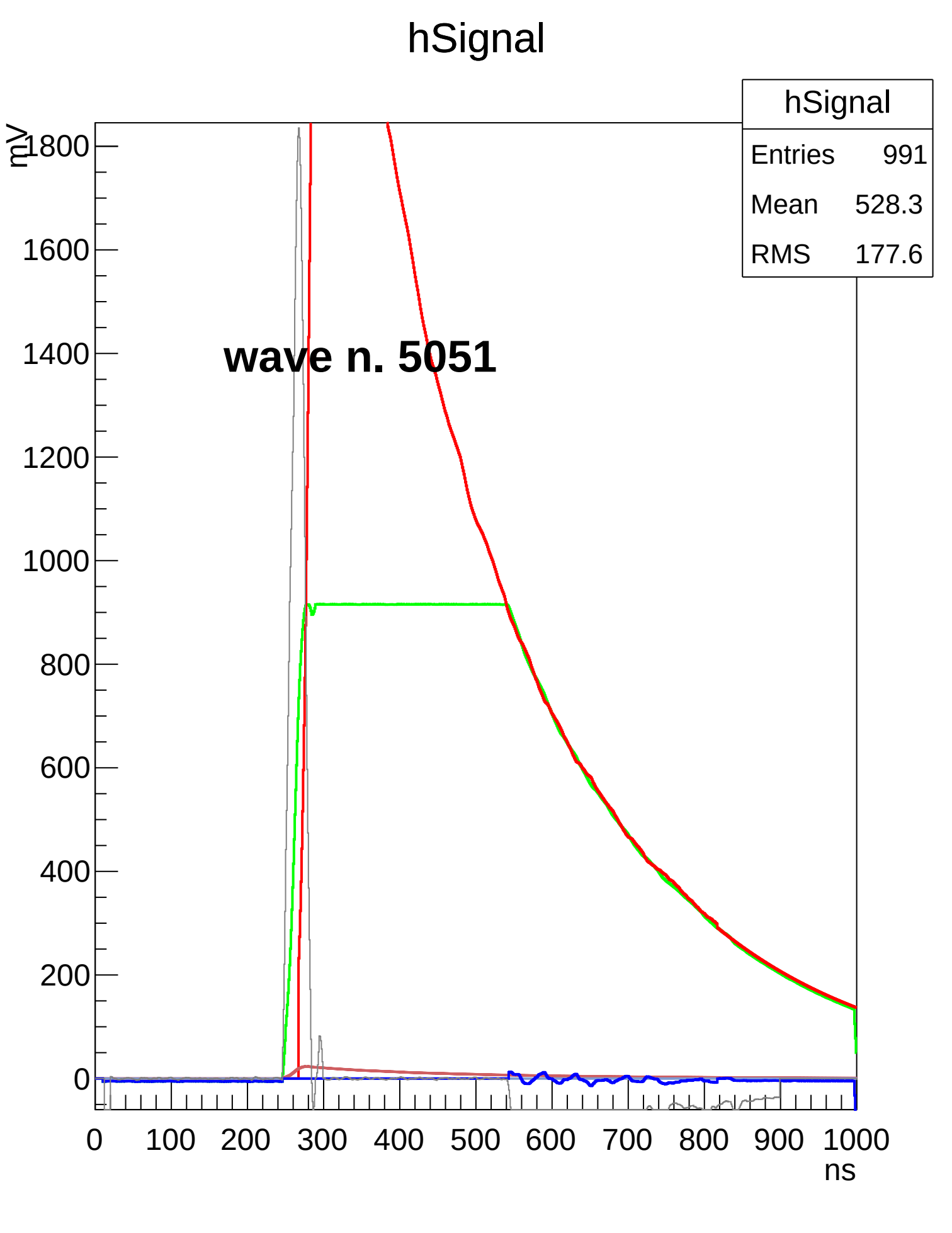
700
800
900
1000
ns

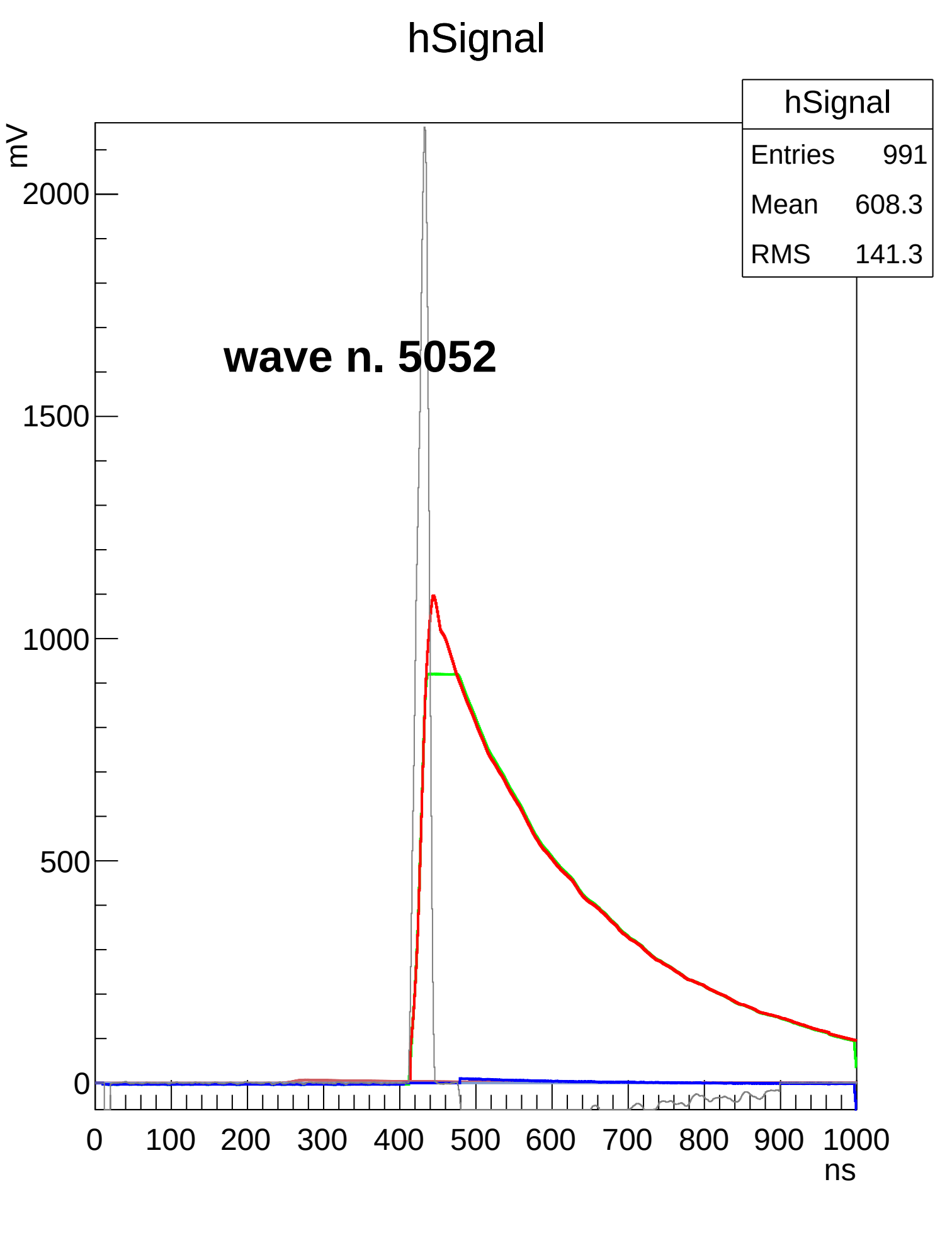

hSignal
hSignal
Entries 991
Mean 515.6
RMS 173.1
wave n. 5047
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 417.5
RMS 174.4
wave n. 5048
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 414.3
RMS 175.3
wave n. 5049
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 474.7
RMS 160.3
wave n. 5050
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 528.3
RMS 177.6
wave n. 5051
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 608.3
RMS 141.3
wave n. 5052
mV
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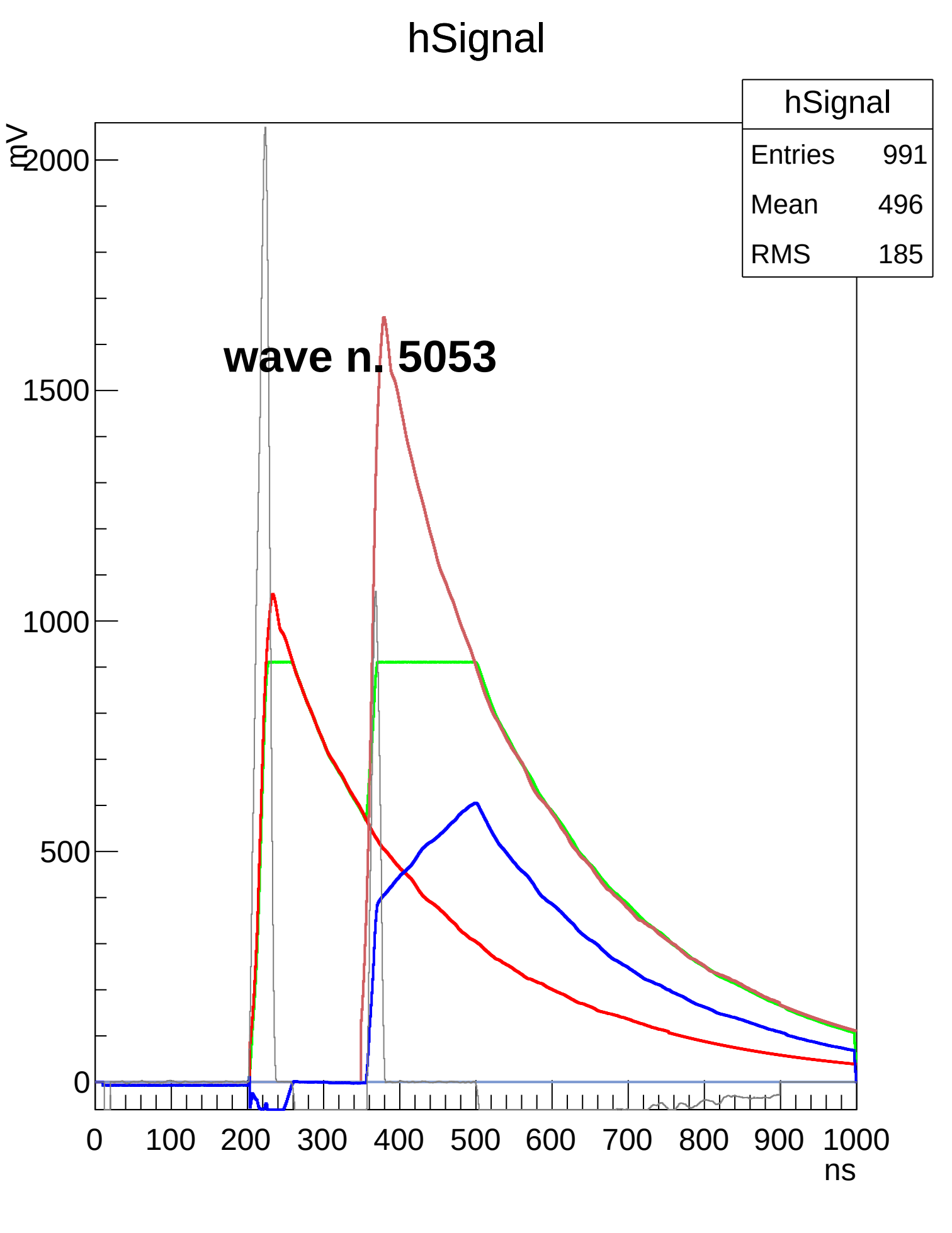
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 496
RMS 185
wave n. 5053
mV
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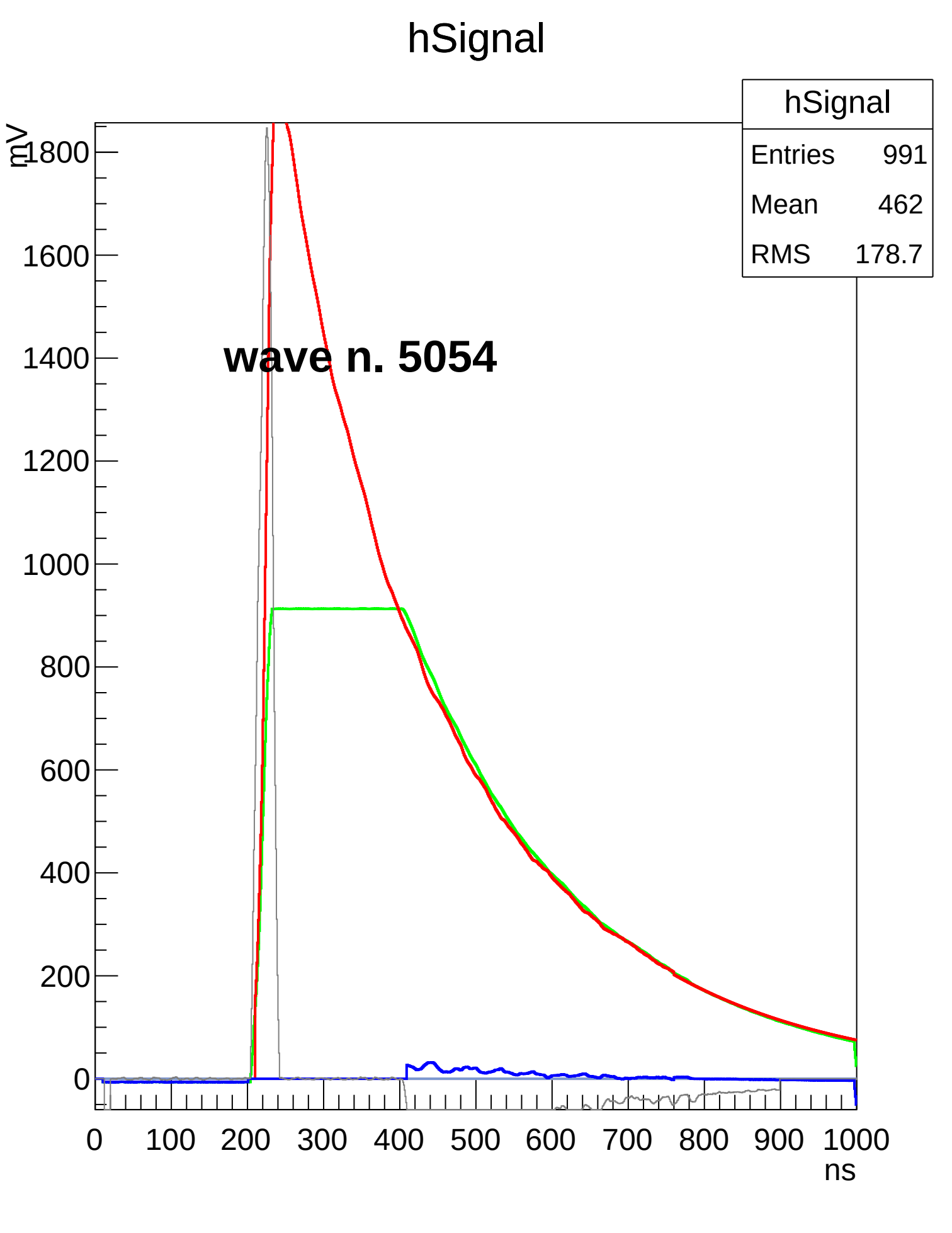
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 462
RMS 178.7
wave n. 5054
mV
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1600
1400
1200
1000
800
600
400
200
0
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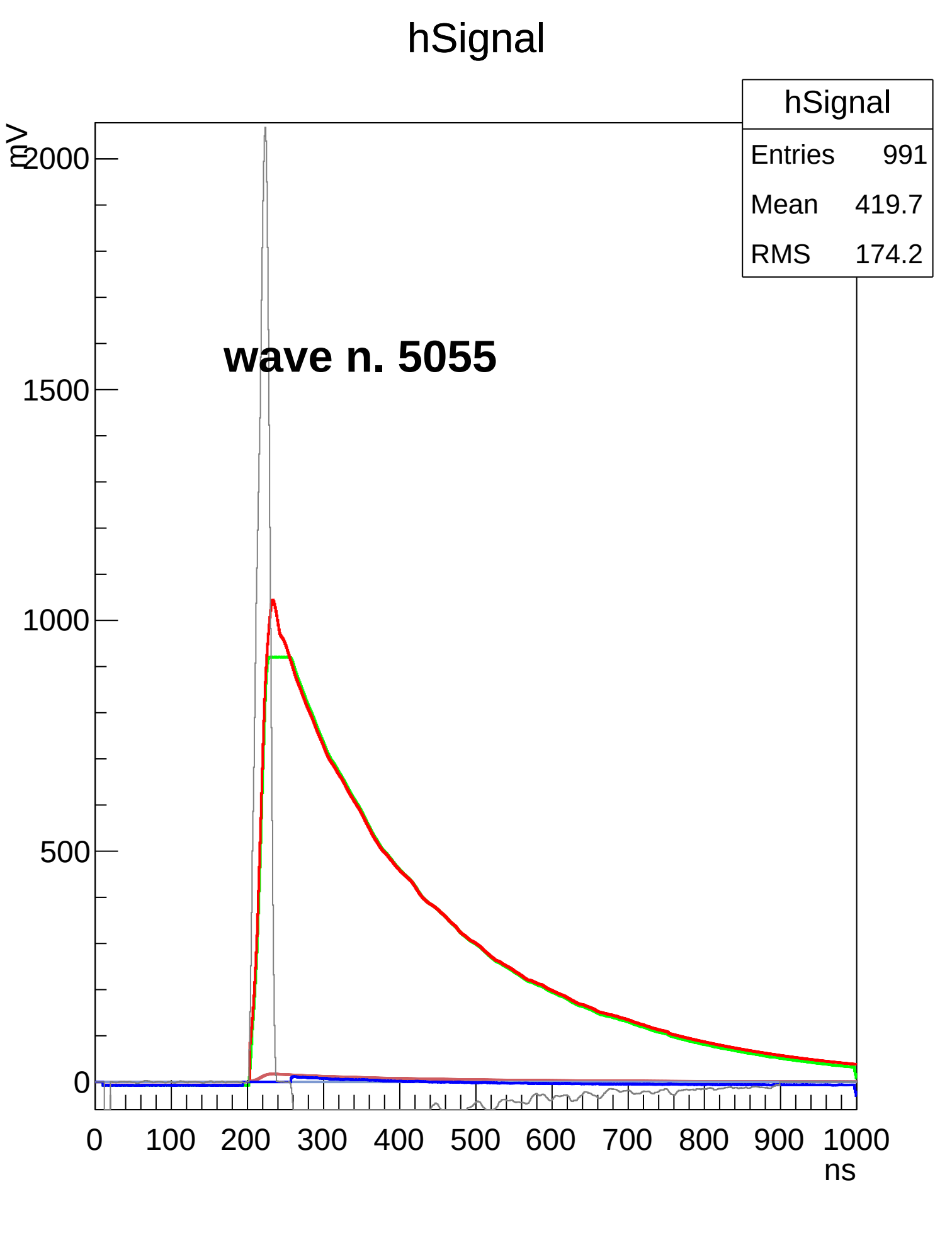
ns


hSignal
hSignal
Entries 991
Mean 419.7
RMS 174.2
wave n. 5055
mV
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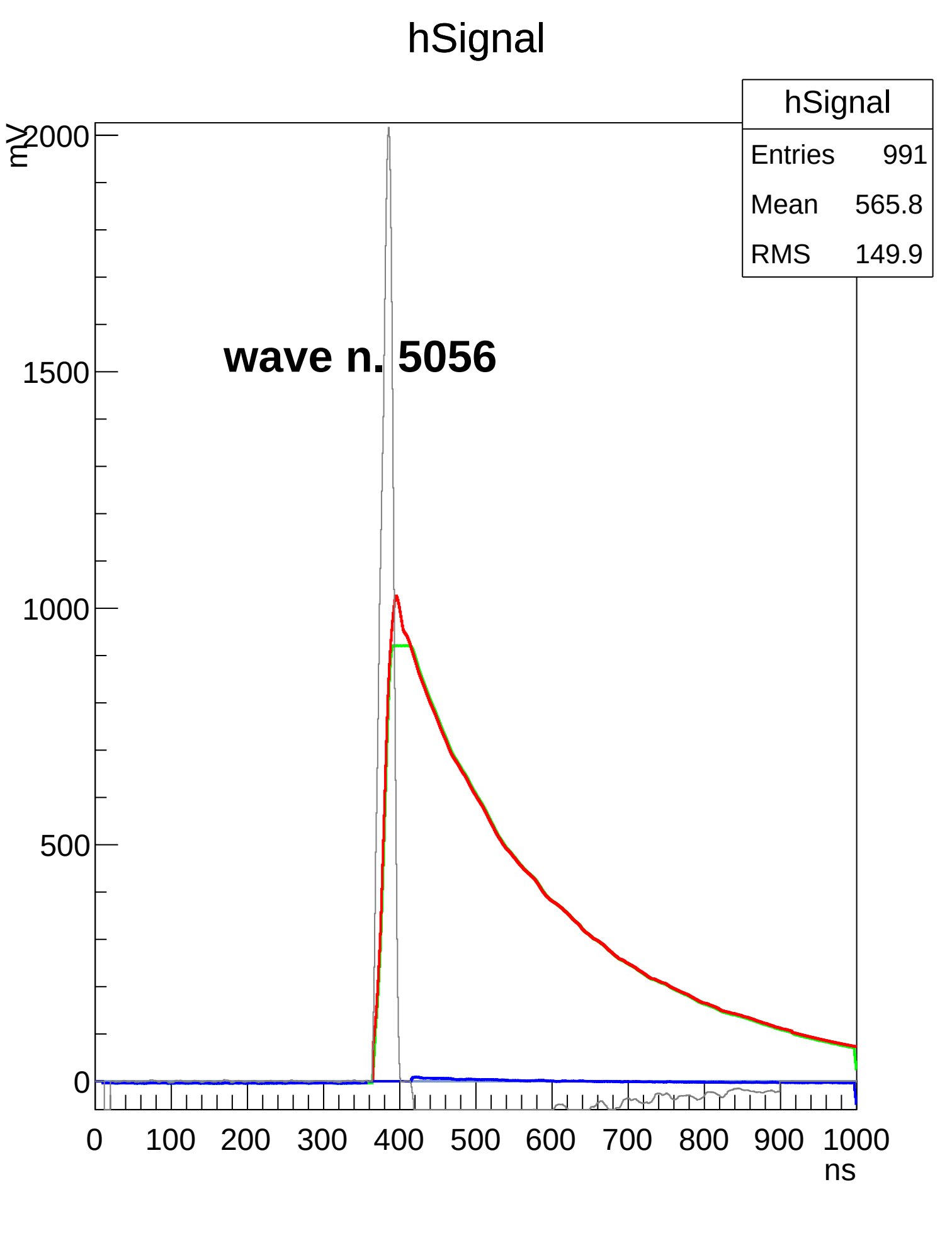
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.8
RMS 149.9
wave n. 5056
mV
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1500
1000
500
0
0
100
200
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400
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600
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800
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1000
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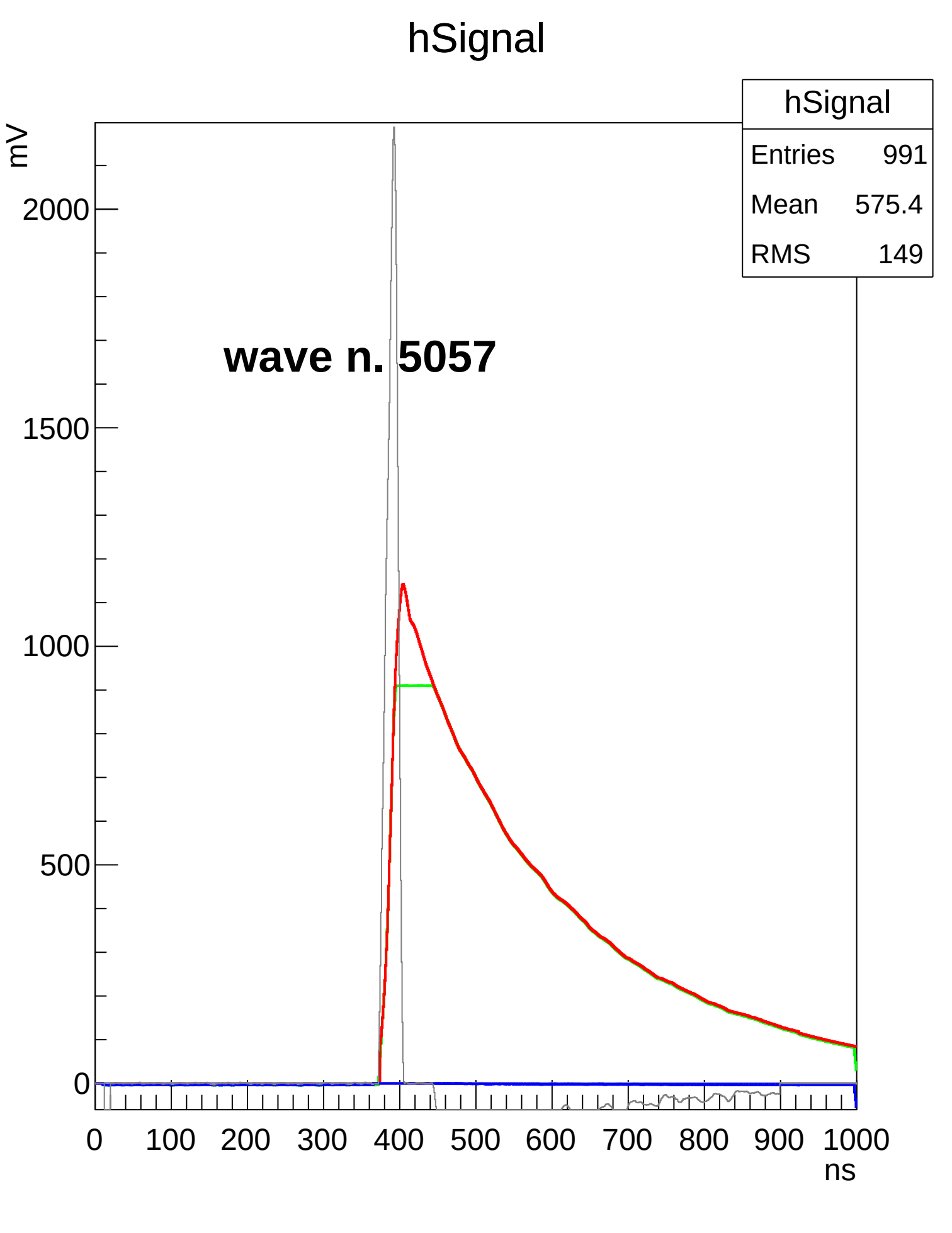
hSignal
hSignal
Entries 991
Mean 575.4
RMS 149
wave n. 5057
mV
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1500
1000
500
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0
100
200
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400
500
600
700
800
900
1000
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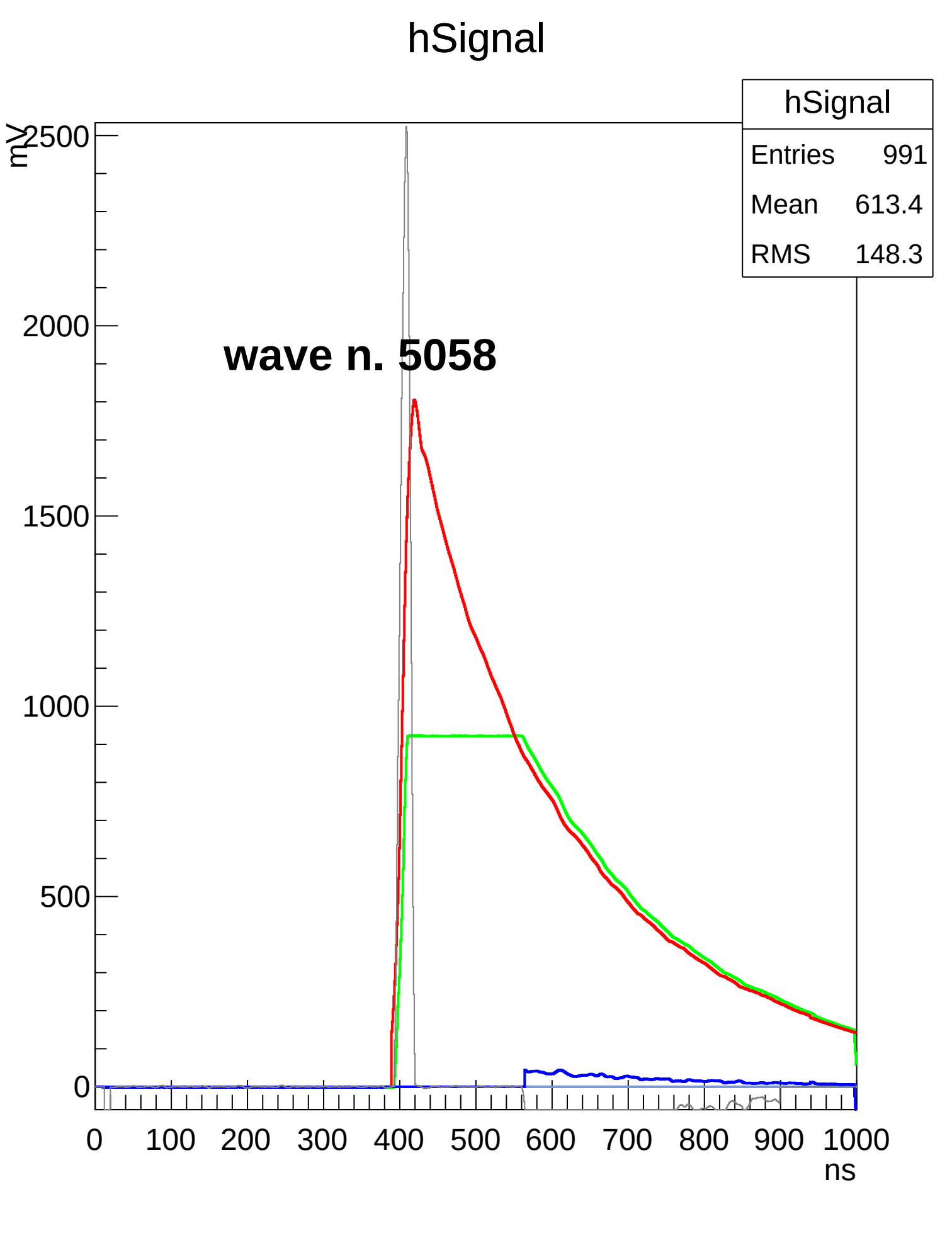
hSignal
hSignal
Entries 991
Mean 613.4
RMS 148.3
wave n. 5058
mV
2500
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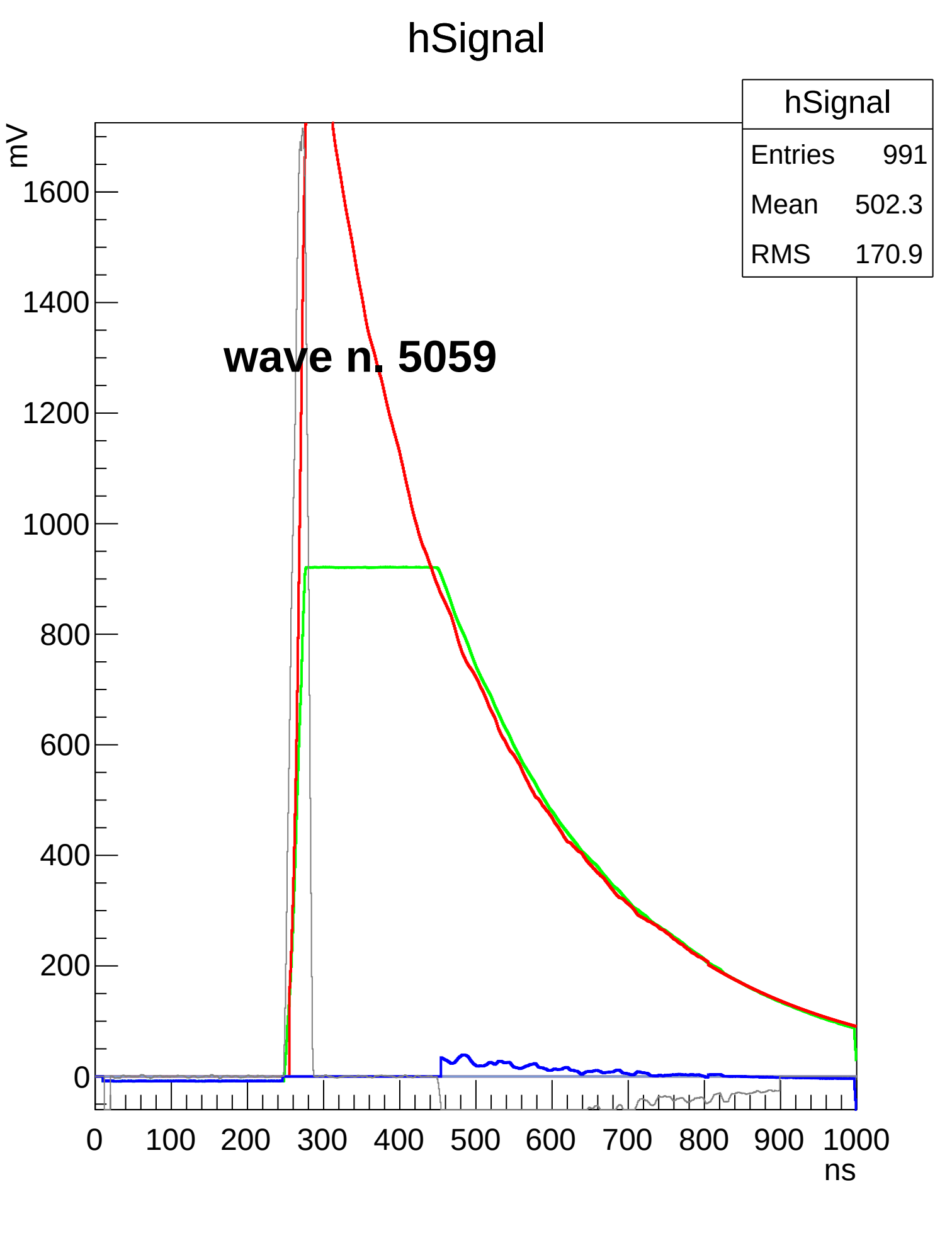
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.3
RMS 170.9
wave n. 5059
mV
1600
1400
1200
1000
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600
400
200
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0
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400
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1000
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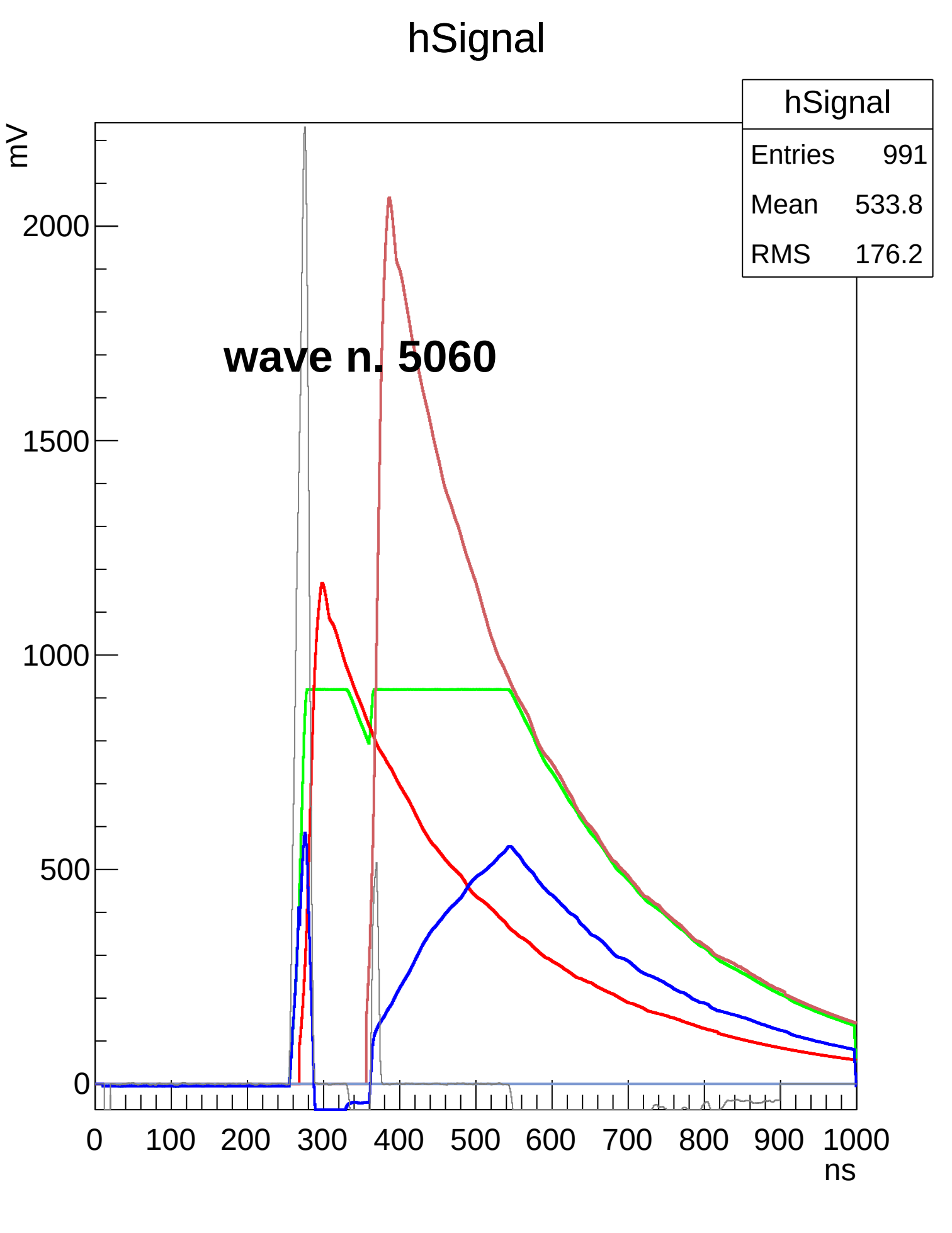
hSignal
hSignal
Entries 991
Mean 533.8
RMS 176.2
wave n. 5060
mV
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1500
1000
500
0
0
100
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400
500
600
700
800
900
1000
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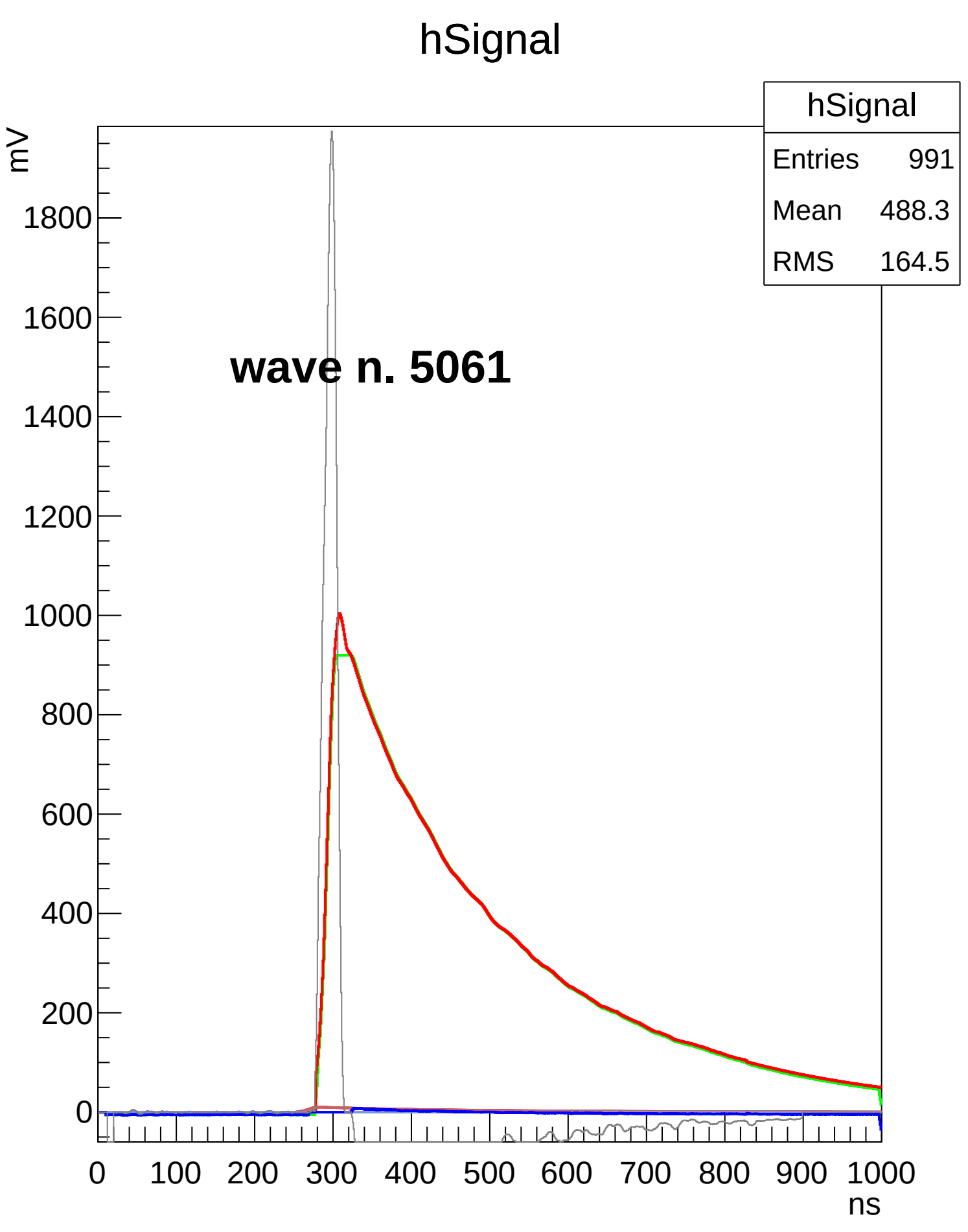
hSignal
hSignal
Entries 991
Mean 488.3
RMS 164.5
wave n. 5061
mV
1800
1600
1400
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600
400
200
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0
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400
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1000
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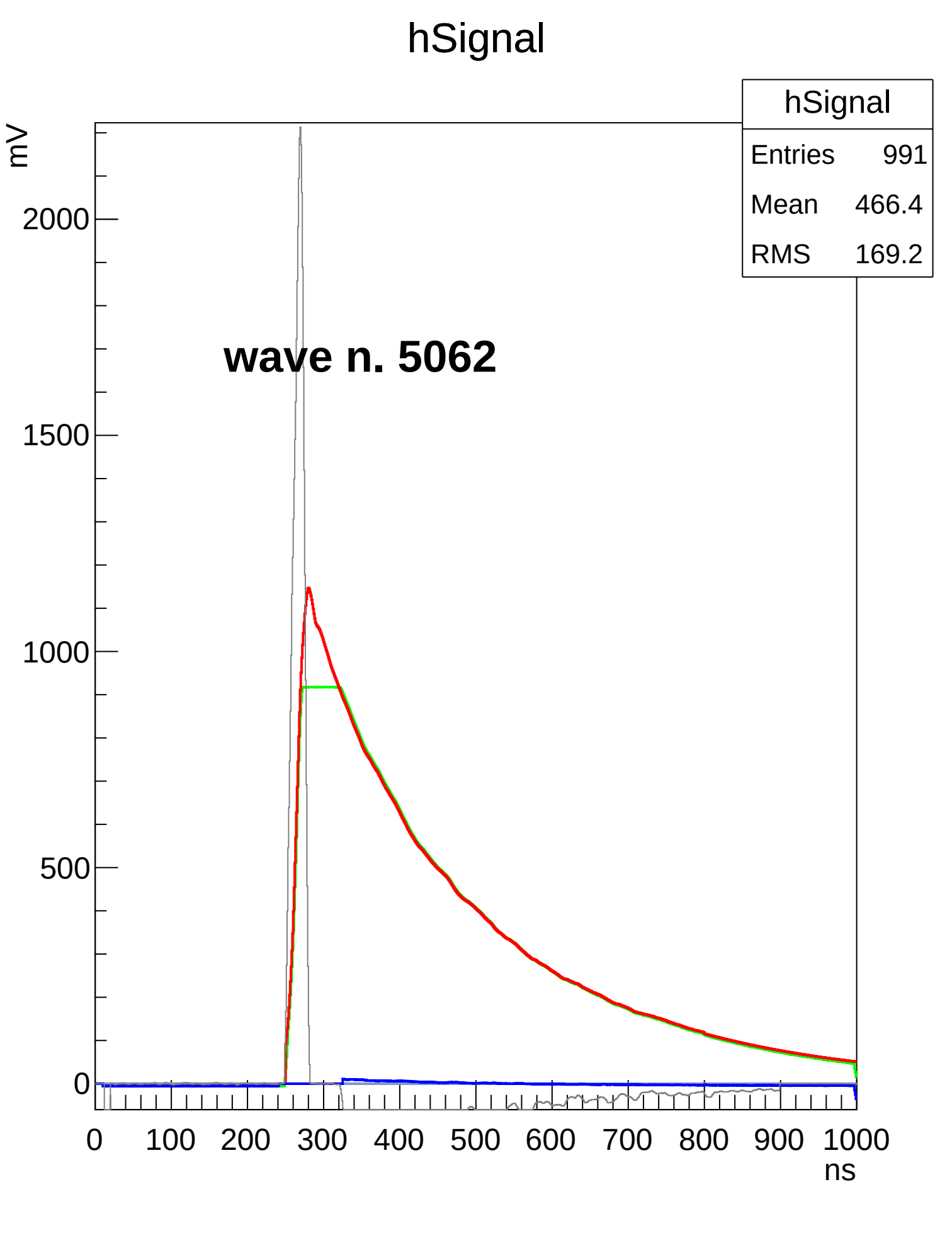
hSignal
hSignal
Entries 991
Mean 466.4
RMS 169.2
wave n. 5062
mV
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1500
1000
500
0
0
100
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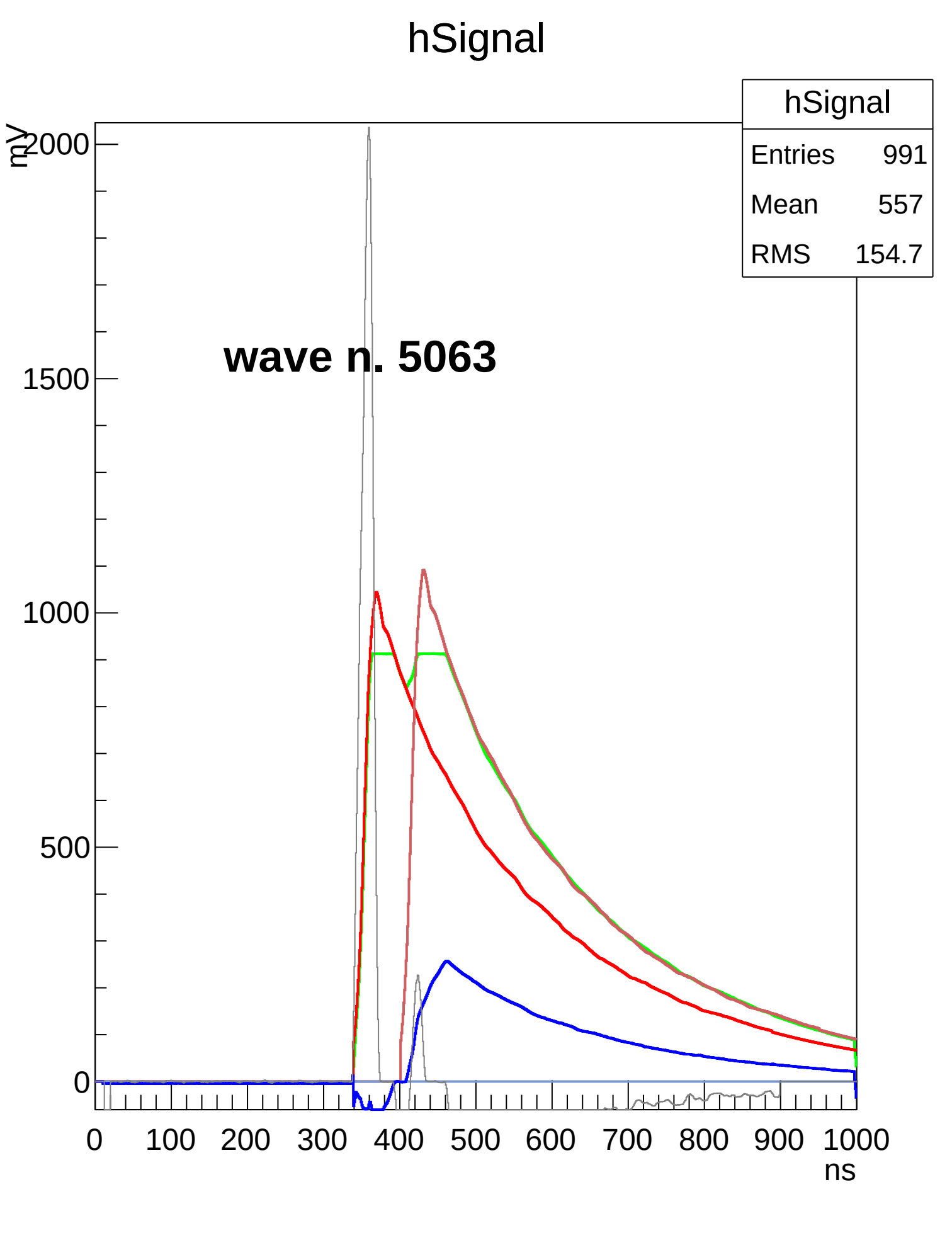
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 557
RMS 154.7
wave n. 5063
mV
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1500
1000
500
0
0
100
200
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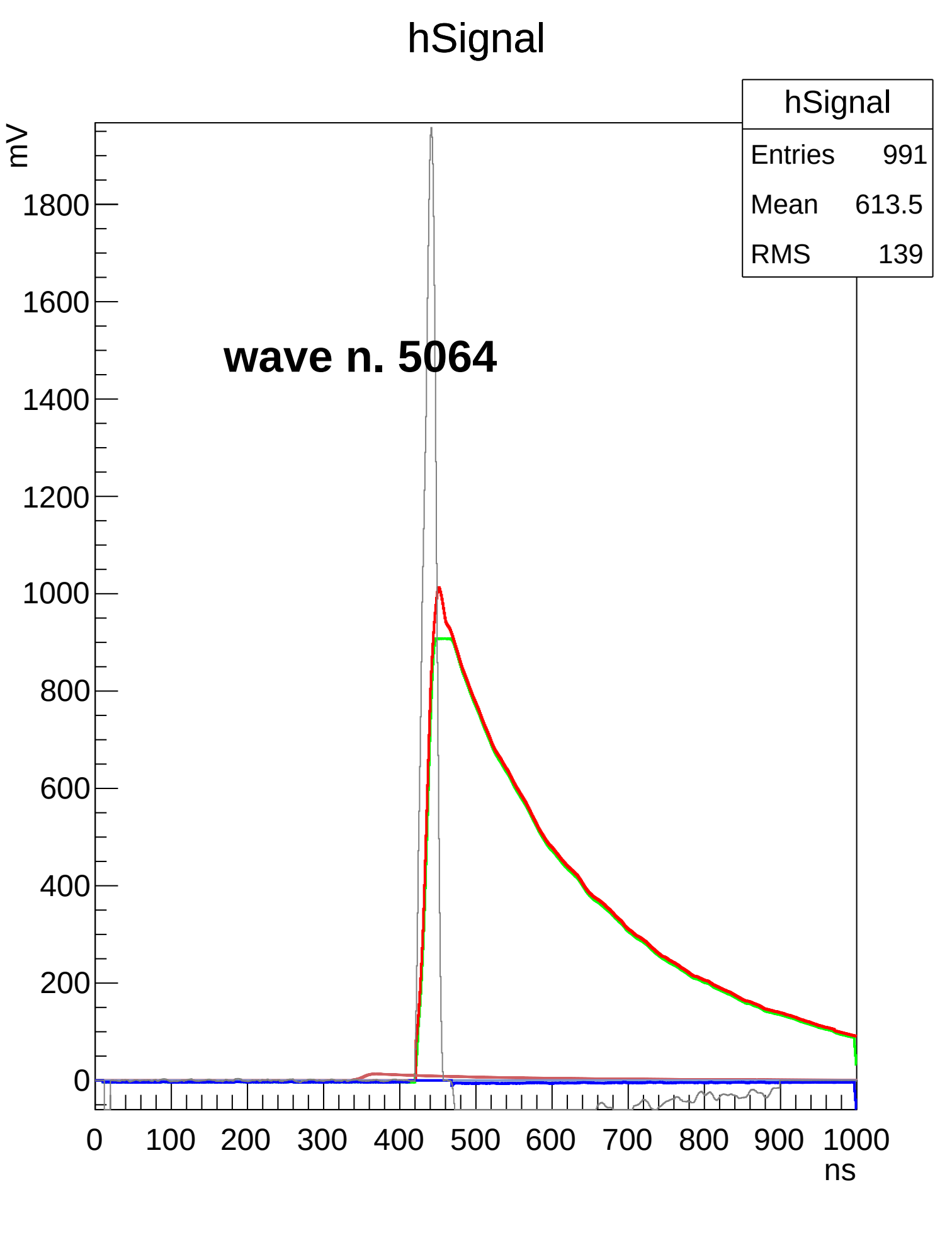
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 613.5
RMS 139
wave n. 5064
mV
1800
1600
1400
1200
1000
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600
400
200
0
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400
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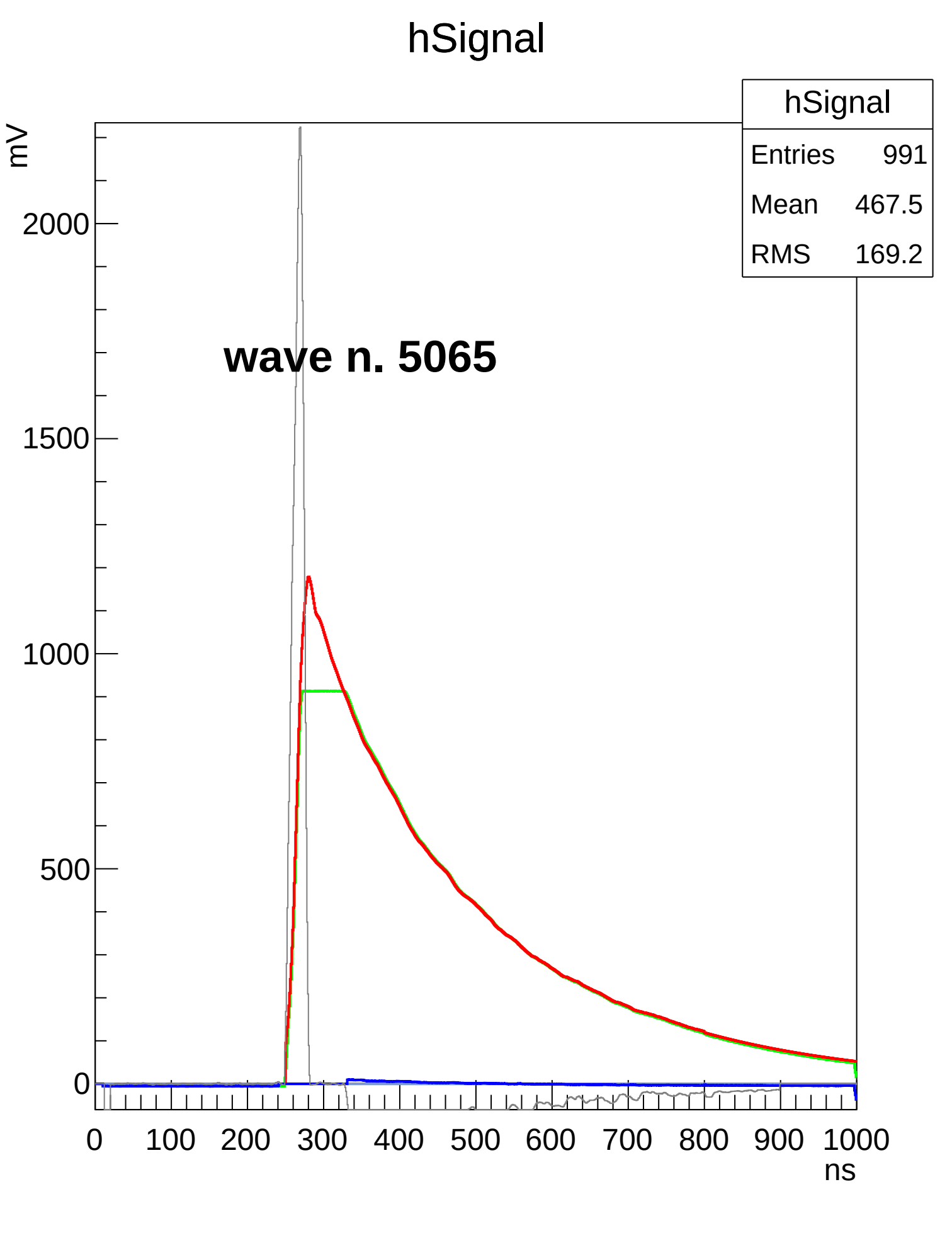
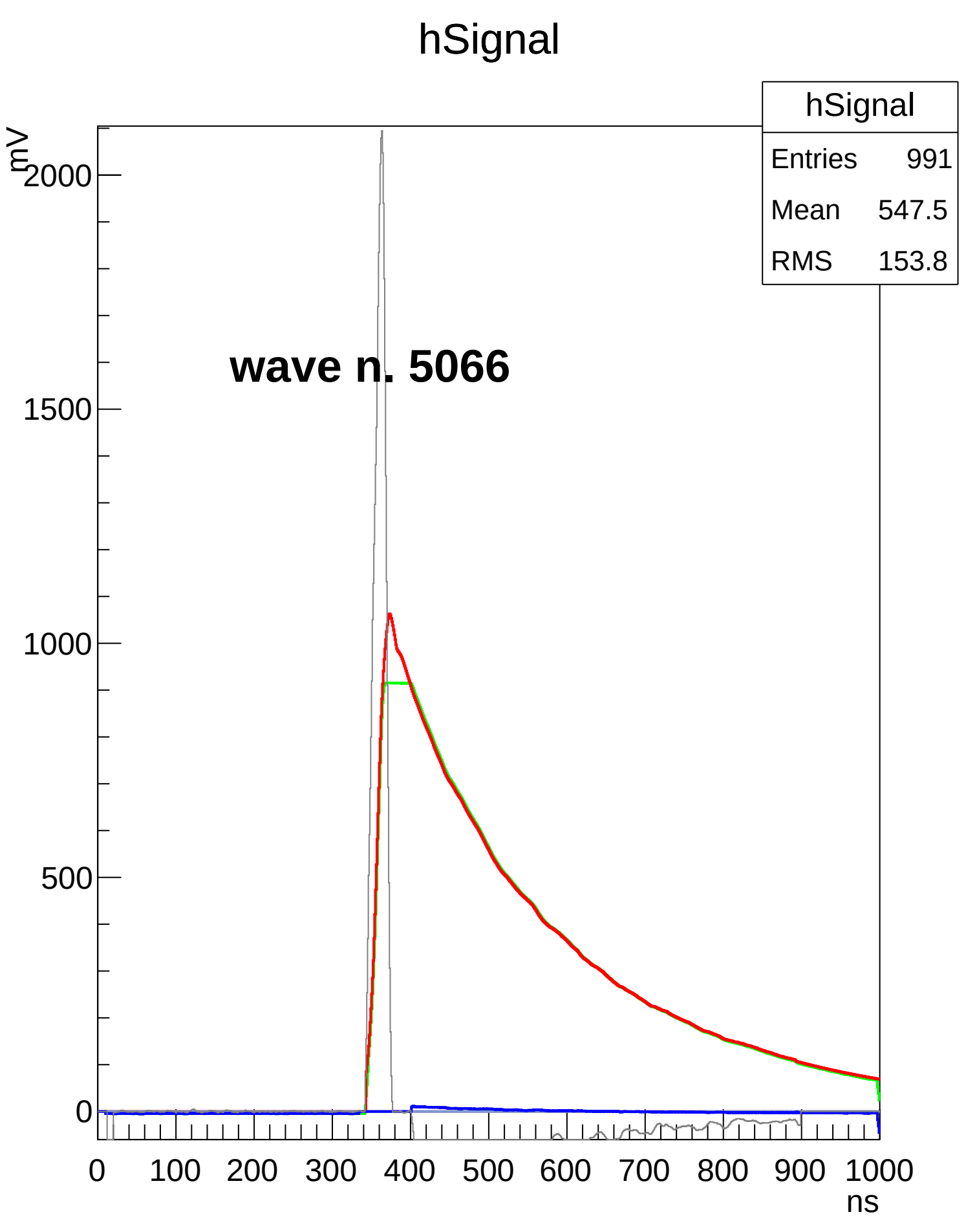
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 467.5
RMS 169.2
wave n. 5065
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 547.5
RMS 153.8
wave n. 5066
mV
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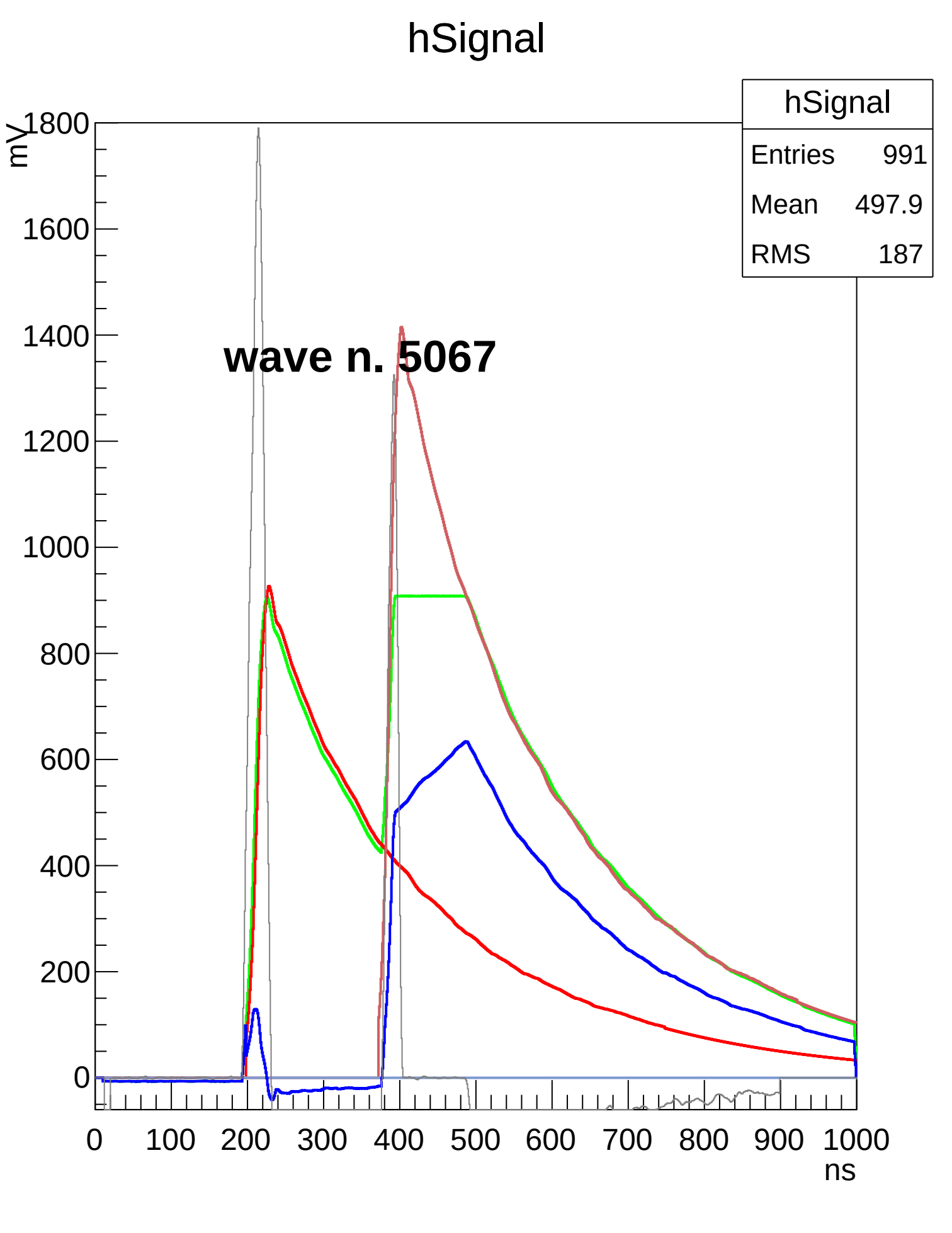
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 497.9
RMS 187
wave n. 5067
mV
1800
1600
1400
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600
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200
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400
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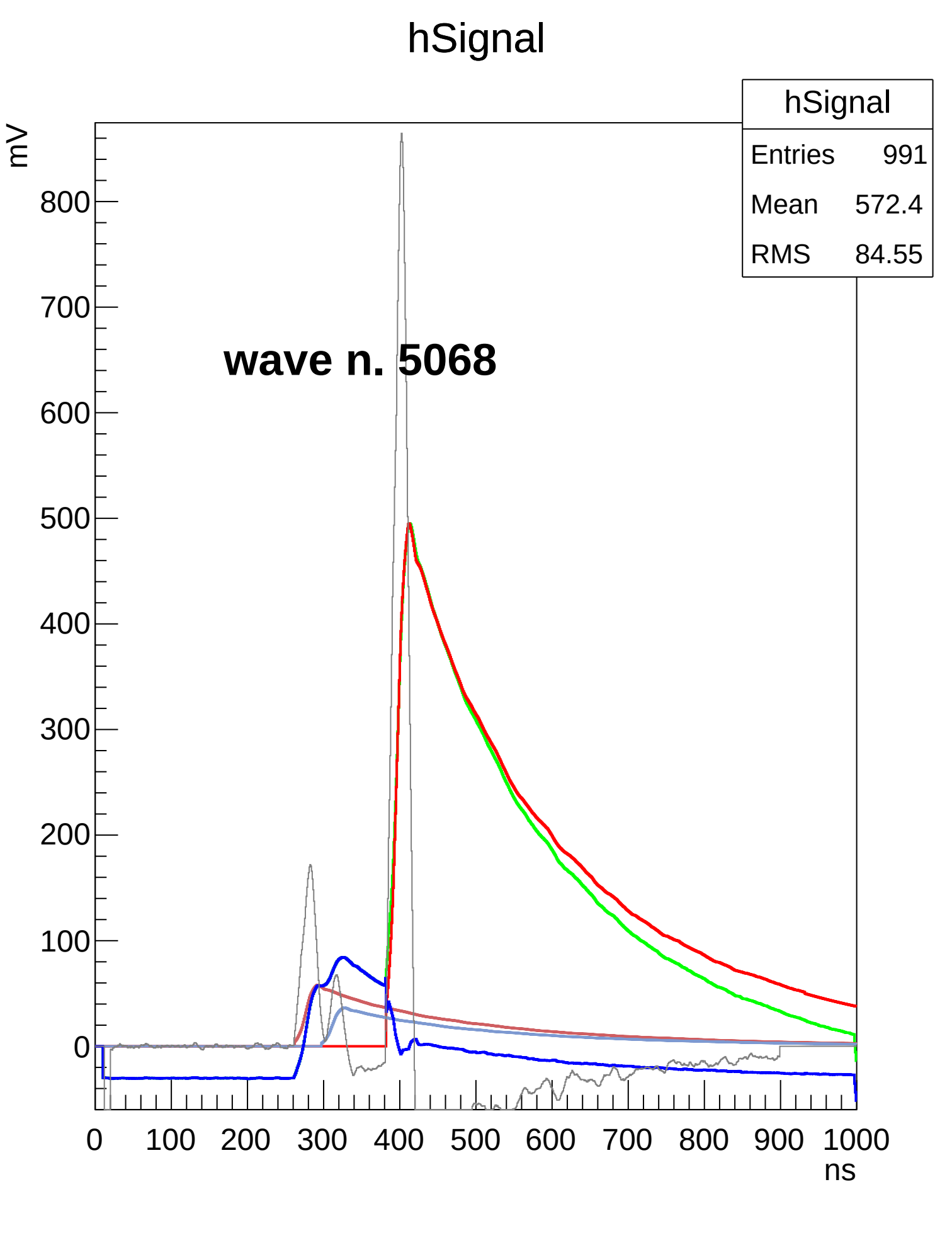
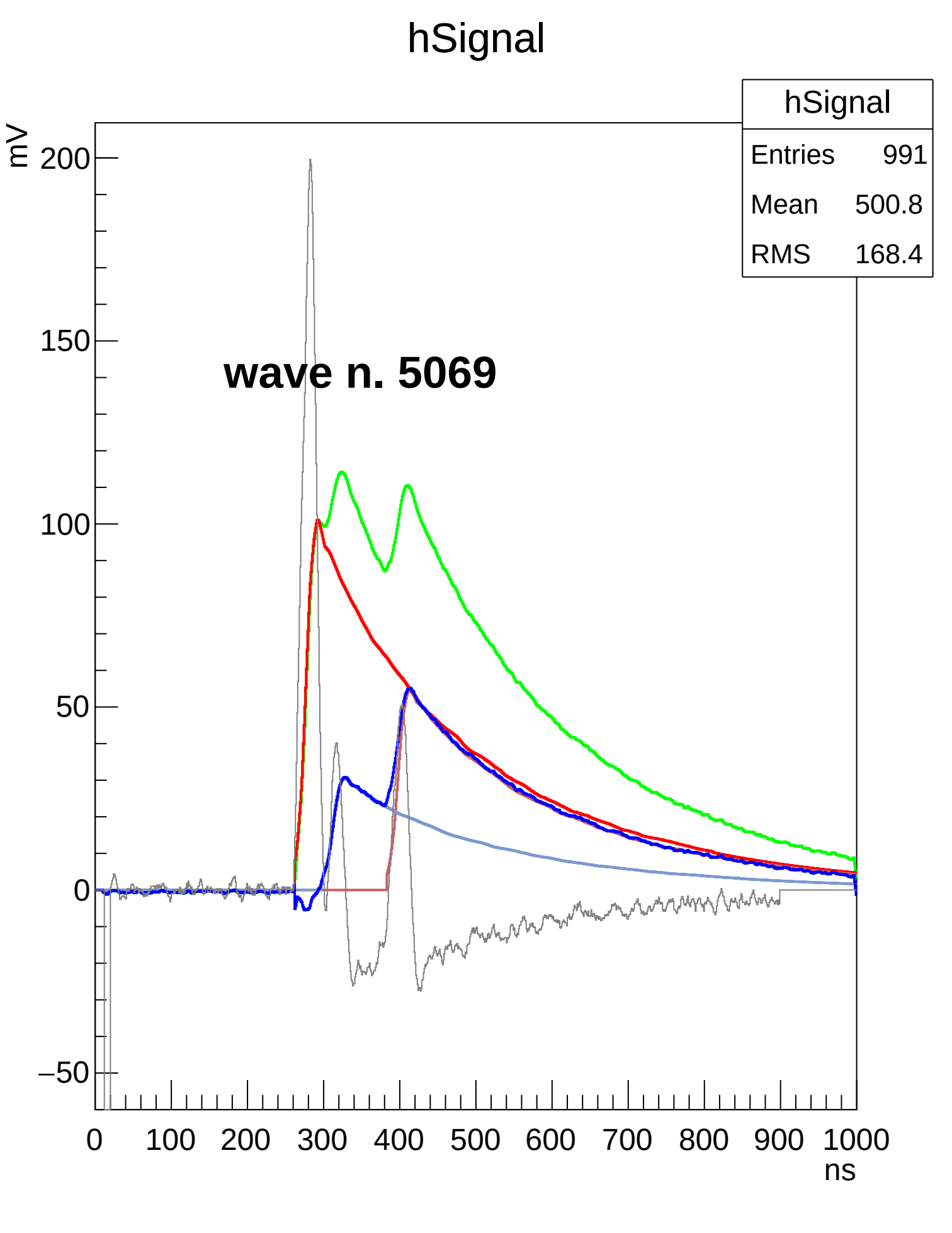
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 572.4
RMS 84.55
wave n. 5068
mV
800
700
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 500.8
RMS 168.4
wave n. 5069
mV
200
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100
50
0
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0
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300
400
500
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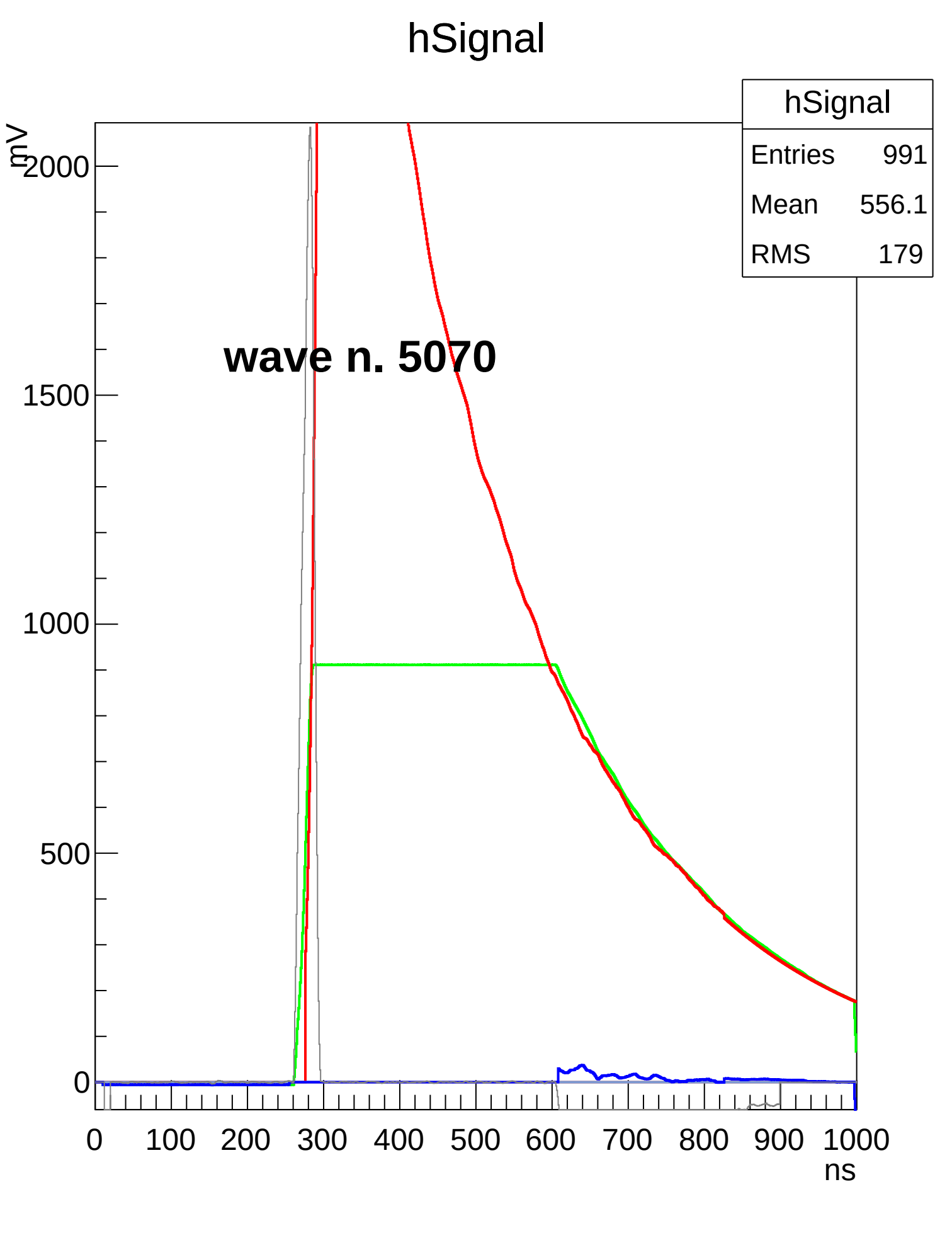
800
900
1000
ns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hSignal
Entries 991
Mean 556.1
RMS 179
wave n. 5070
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1500
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400
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800
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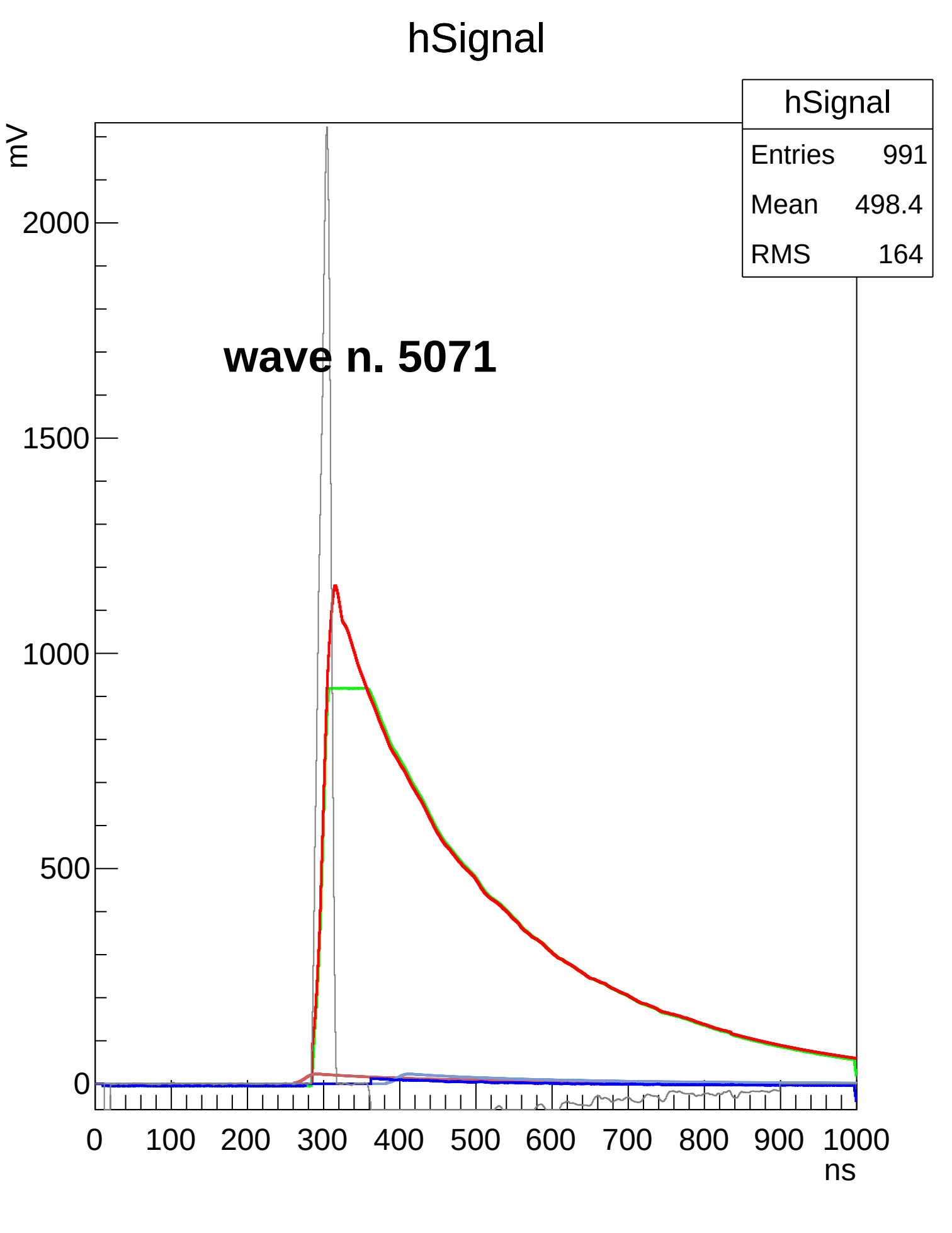
1000
ns


hSignal
hSignal
Entries 991
Mean 498.4
RMS 164
wave n. 5071
mV
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400
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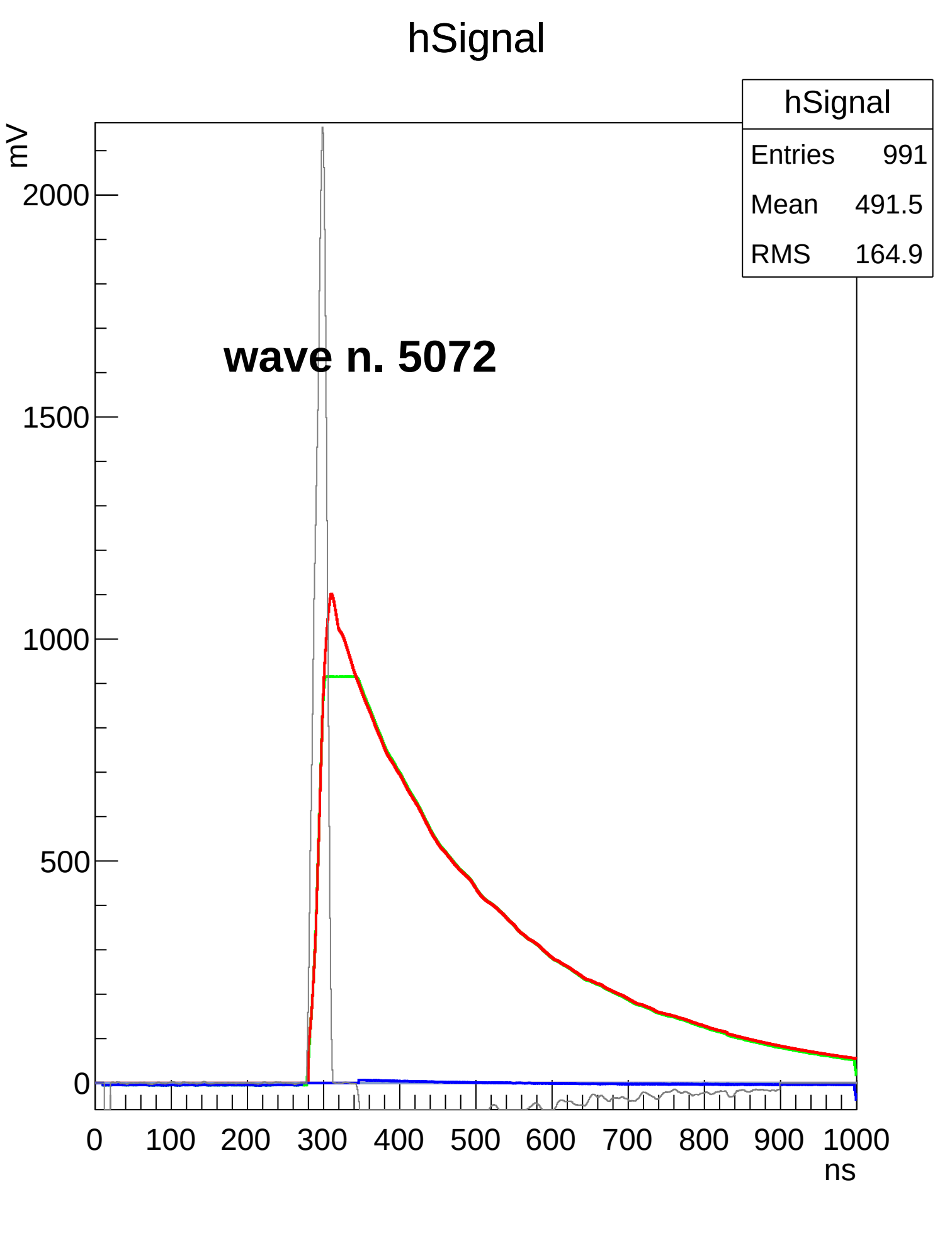
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 491.5
RMS 164.9
wave n. 5072
mV
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1500
1000
500
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0
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400
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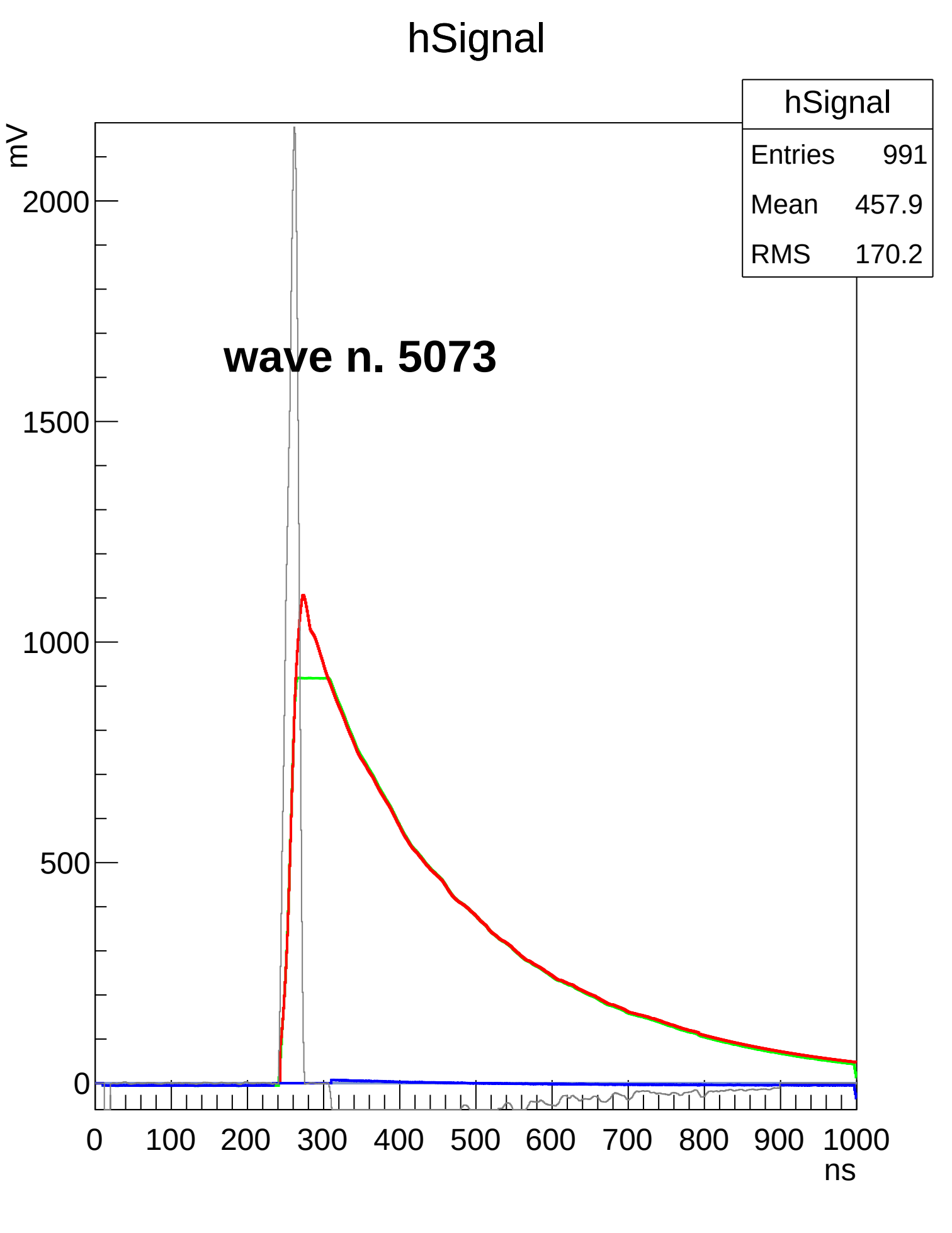
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 457.9
RMS 170.2
wave n. 5073
mV
2000
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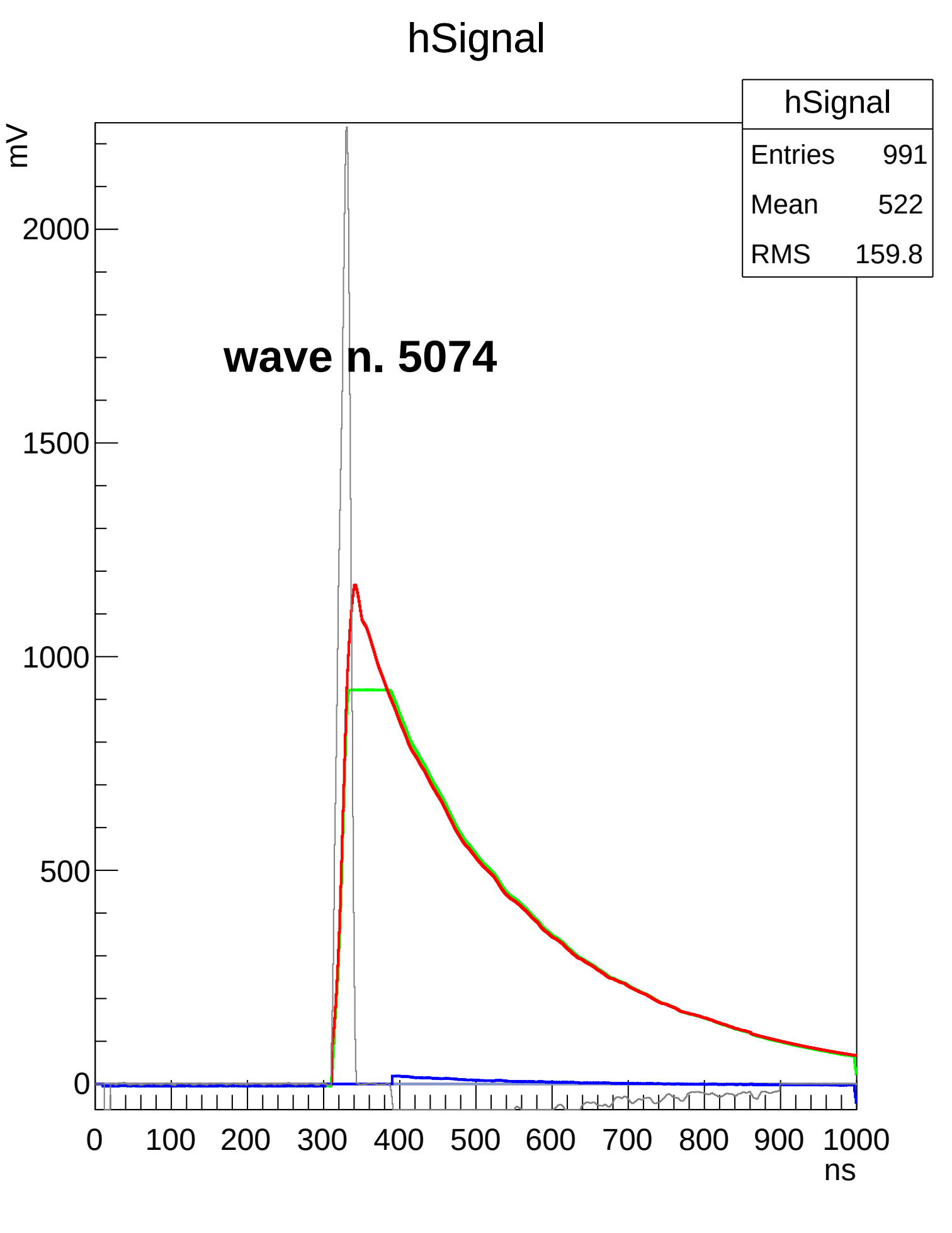
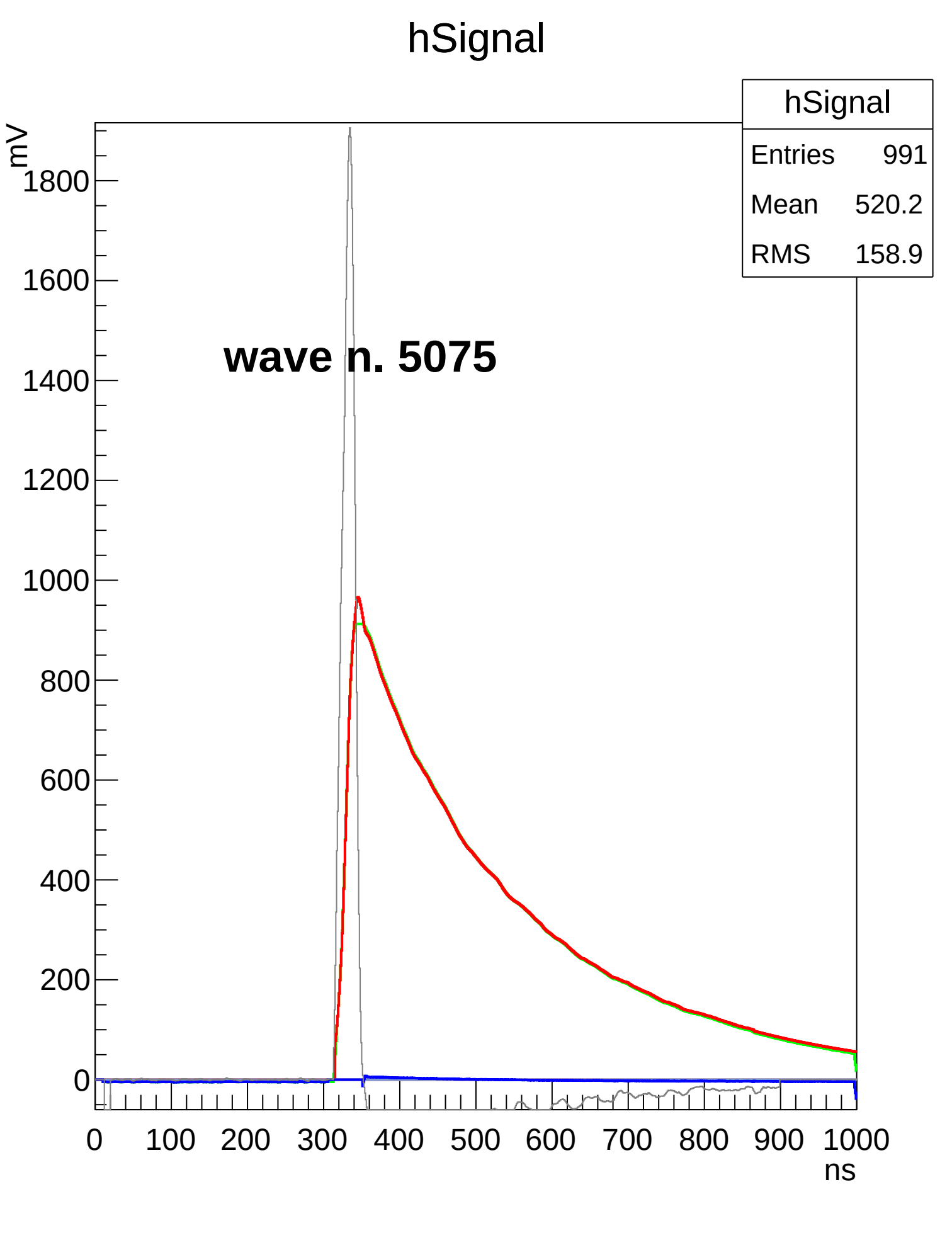
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 522
RMS 159.8
wave n. 5074
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 520.2
RMS 158.9
wave n. 5075
mV
1800
1600
1400
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1000
800
600
400
200
0
0
100
200
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400
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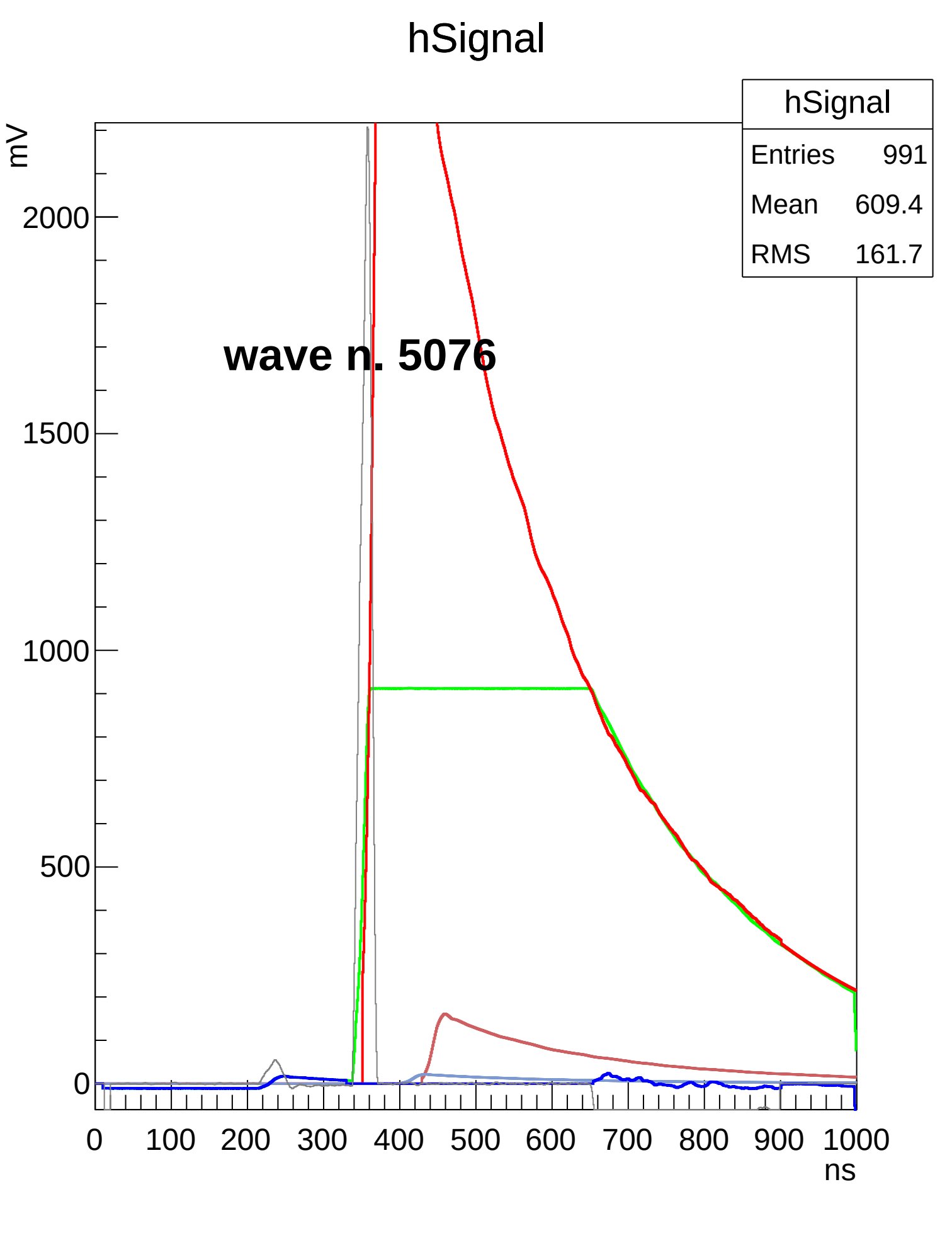
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 609.4
RMS 161.7
wave n. 5076
mV
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1000
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0
100
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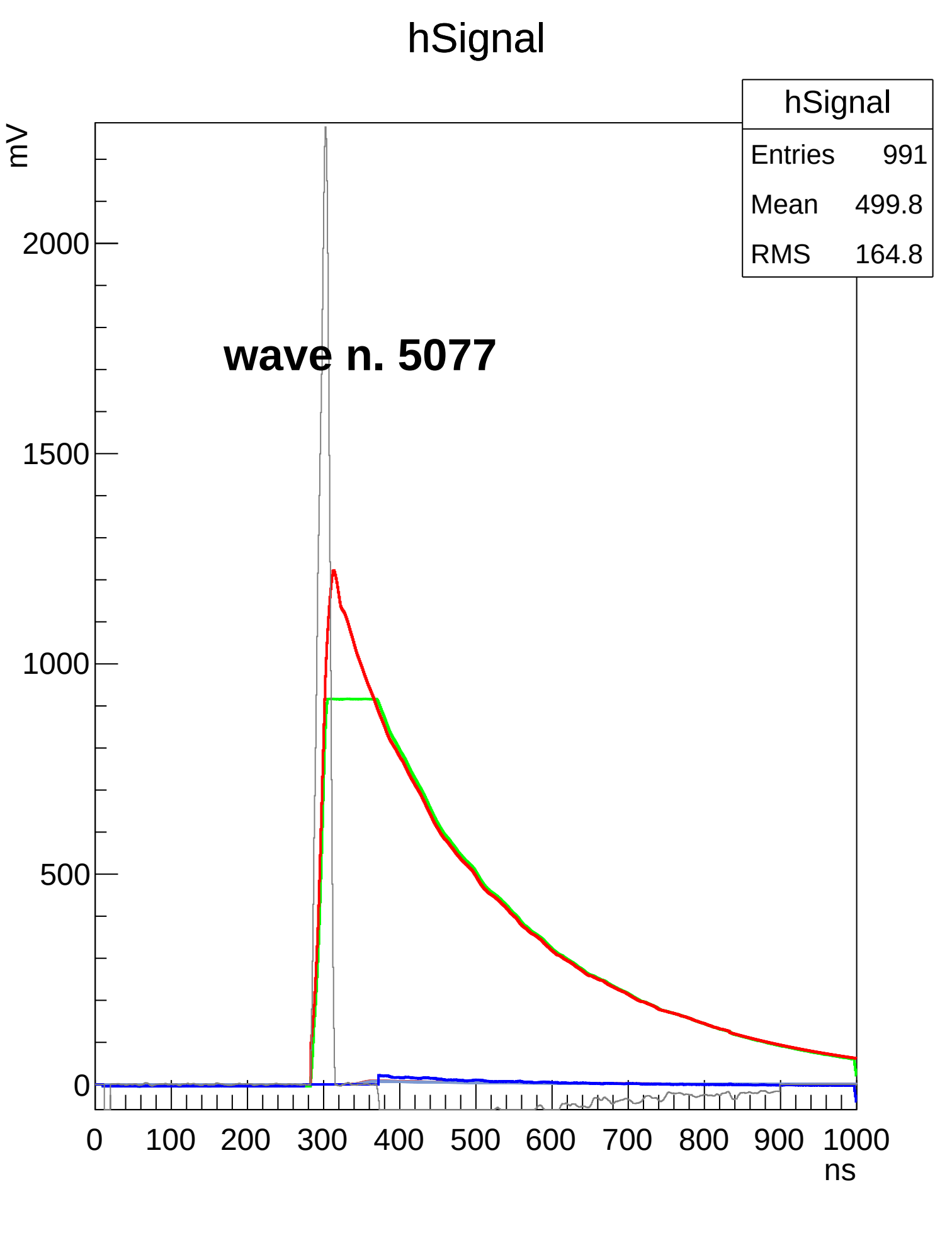
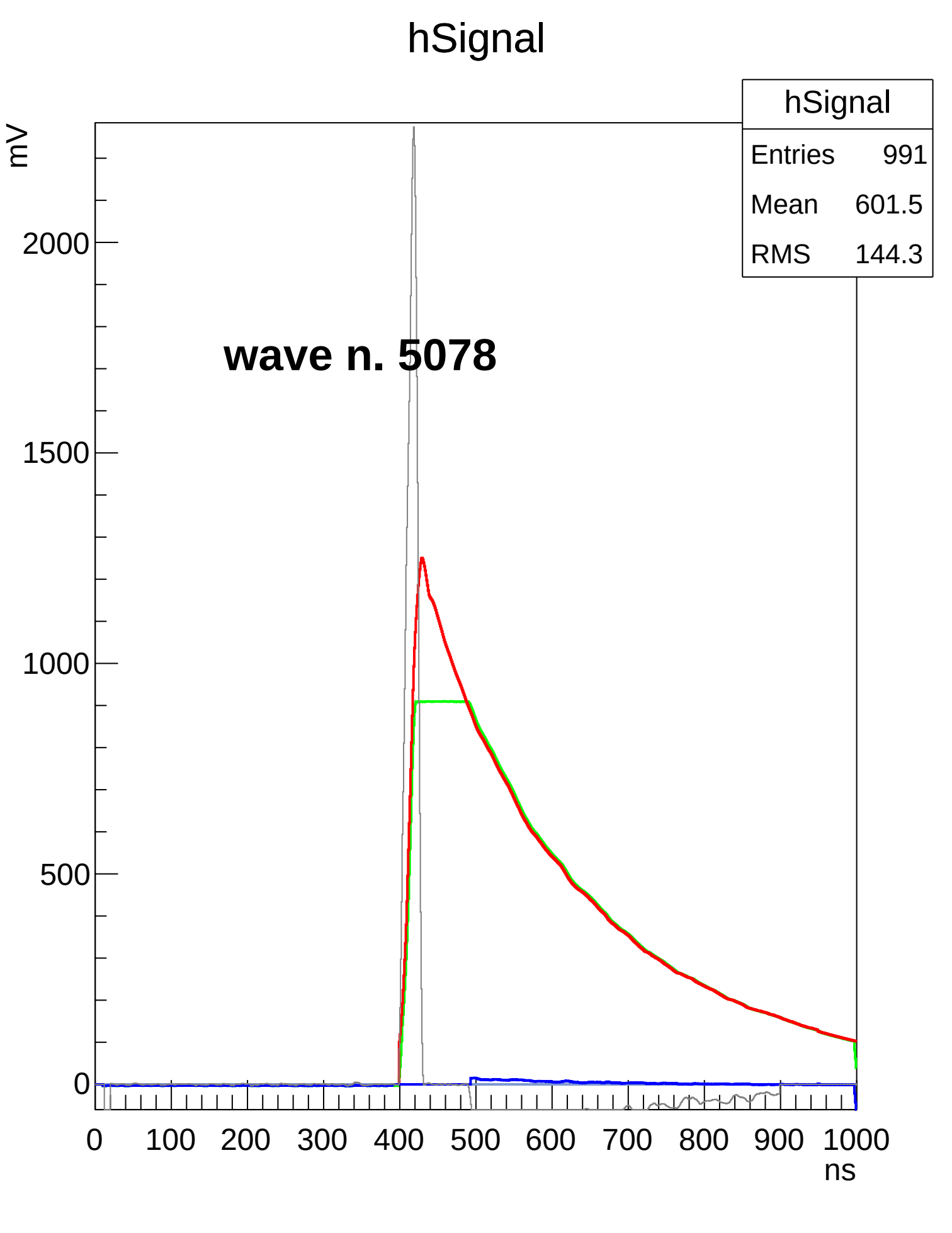
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.8
RMS 164.8
wave n. 5077
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 601.5
RMS 144.3
wave n. 5078
mV
2000
1500
1000
500
0
0
100
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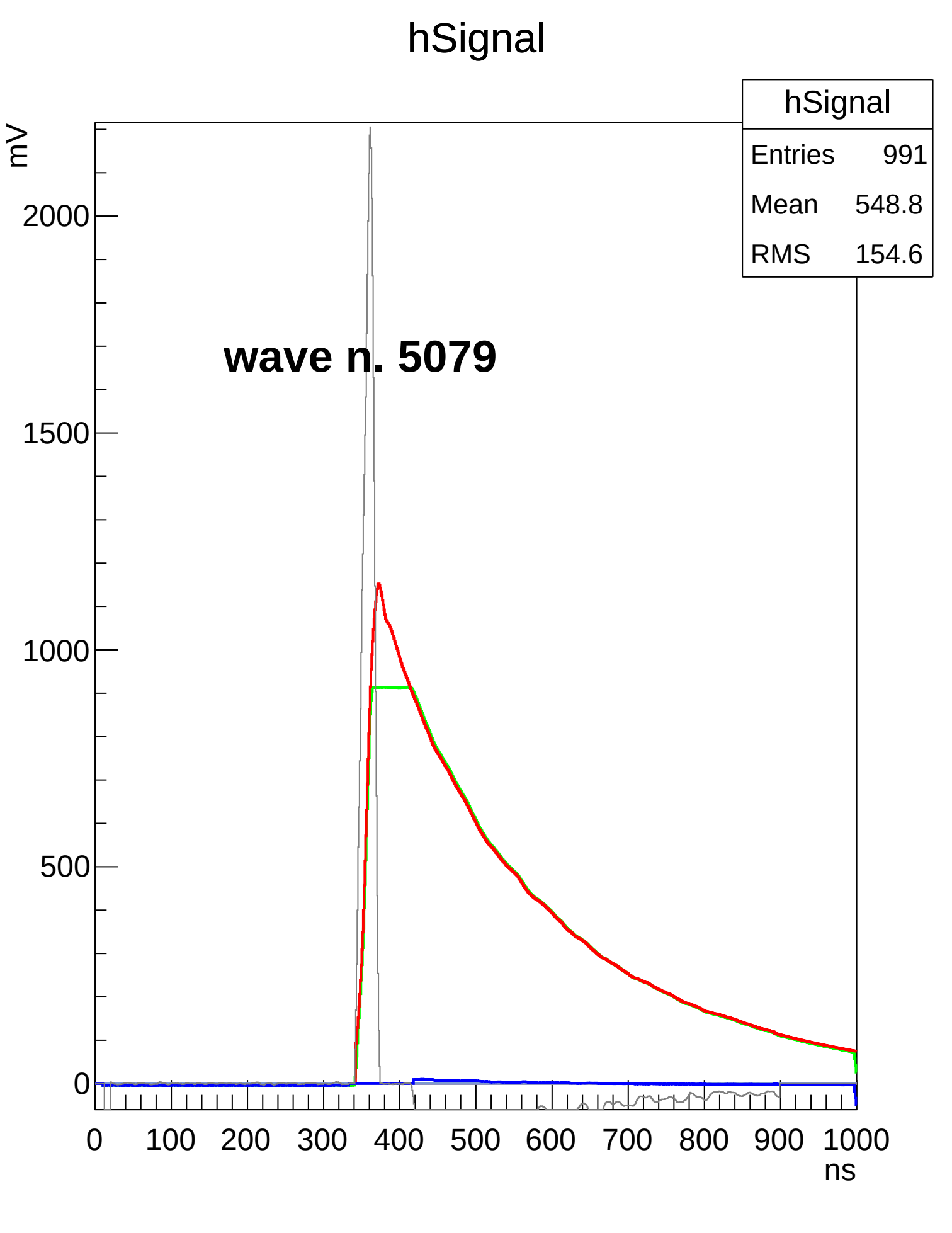
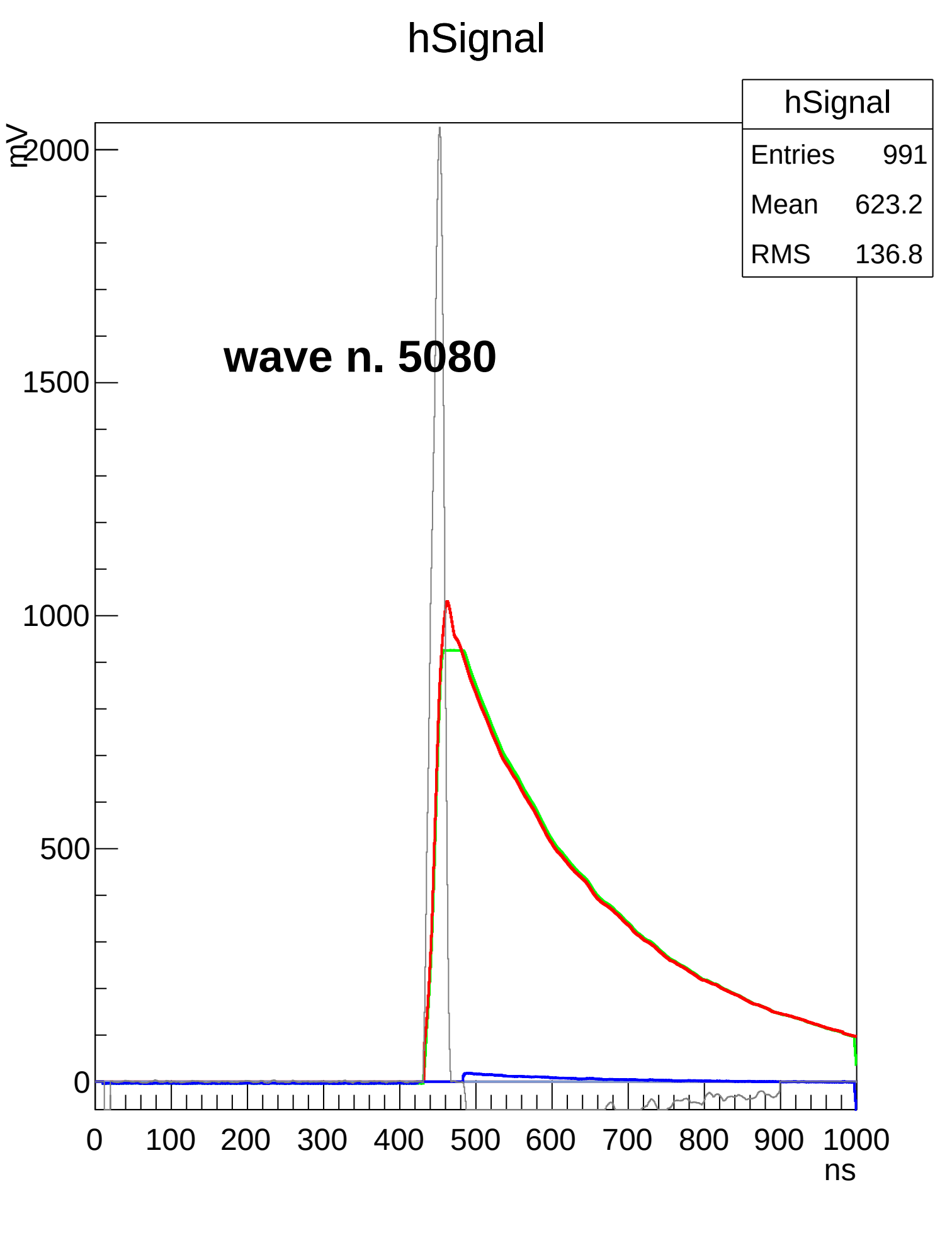
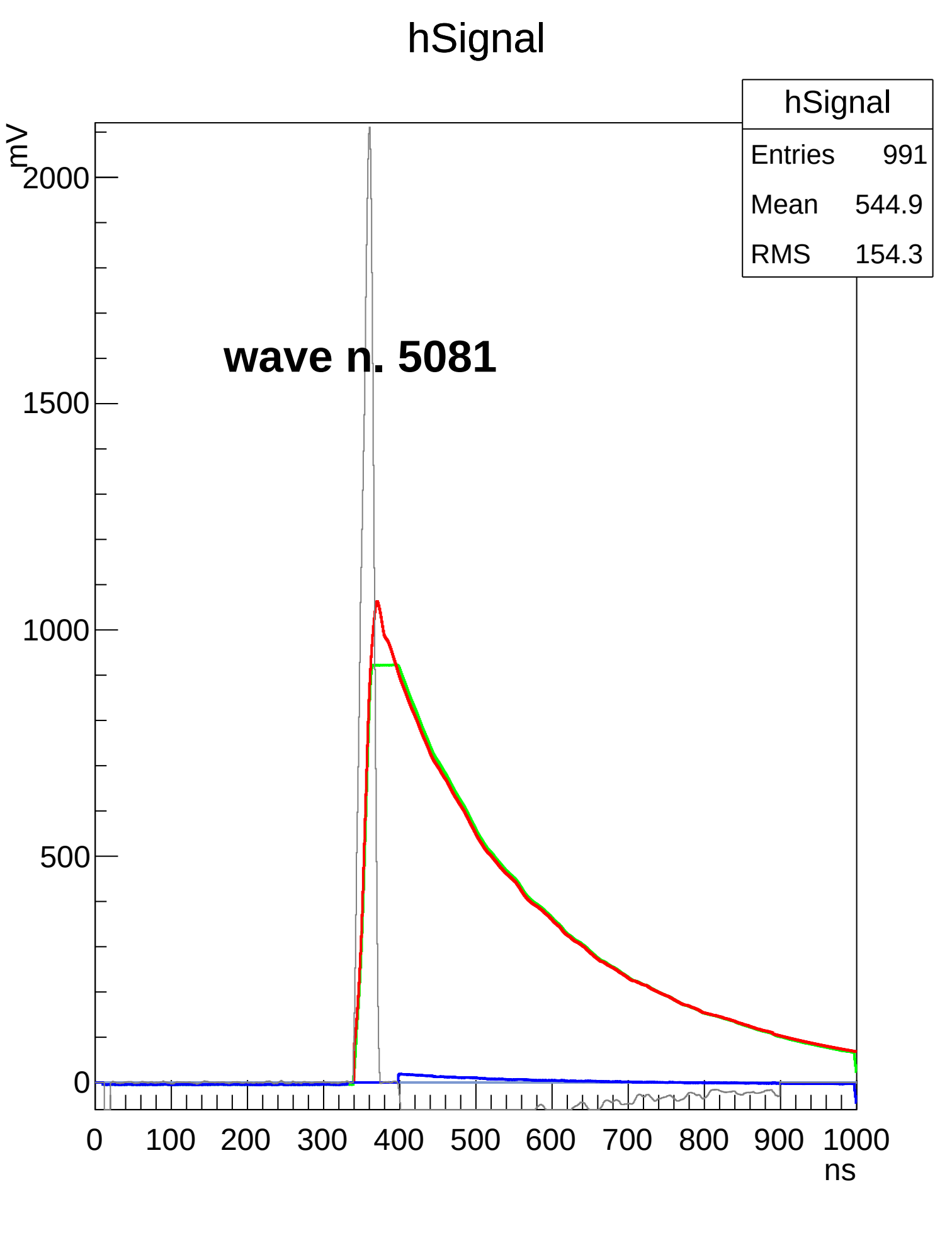
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 548.8
RMS 154.6
wave n. 5079
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 623.2
RMS 136.8
wave n. 5080
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 544.9
RMS 154.3
wave n. 5081
mV
2000
1500
1000
500
0
0
100
200
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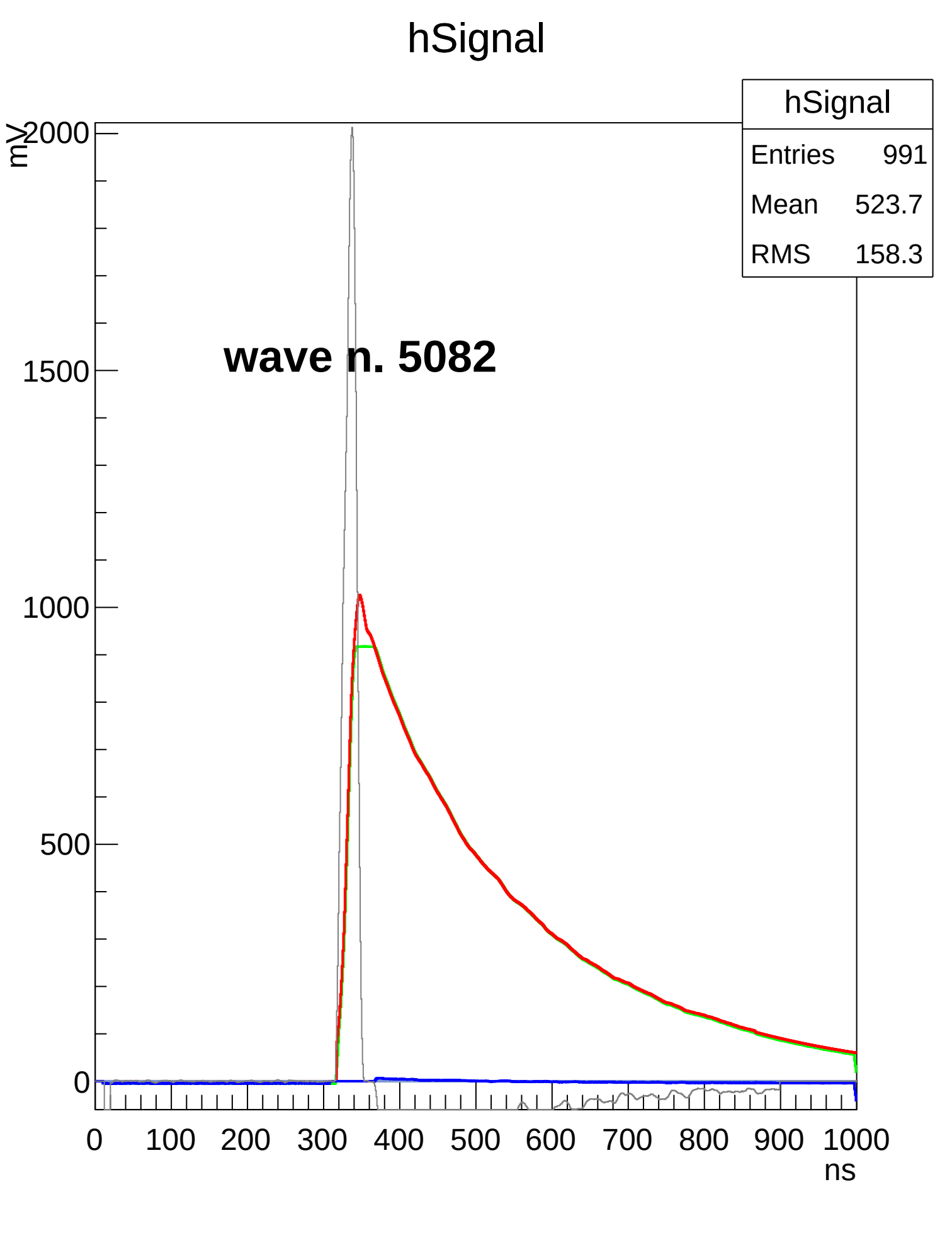
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 523.7
RMS 158.3
wave n. 5082
mV
2000
1500
1000
500
0
0
100
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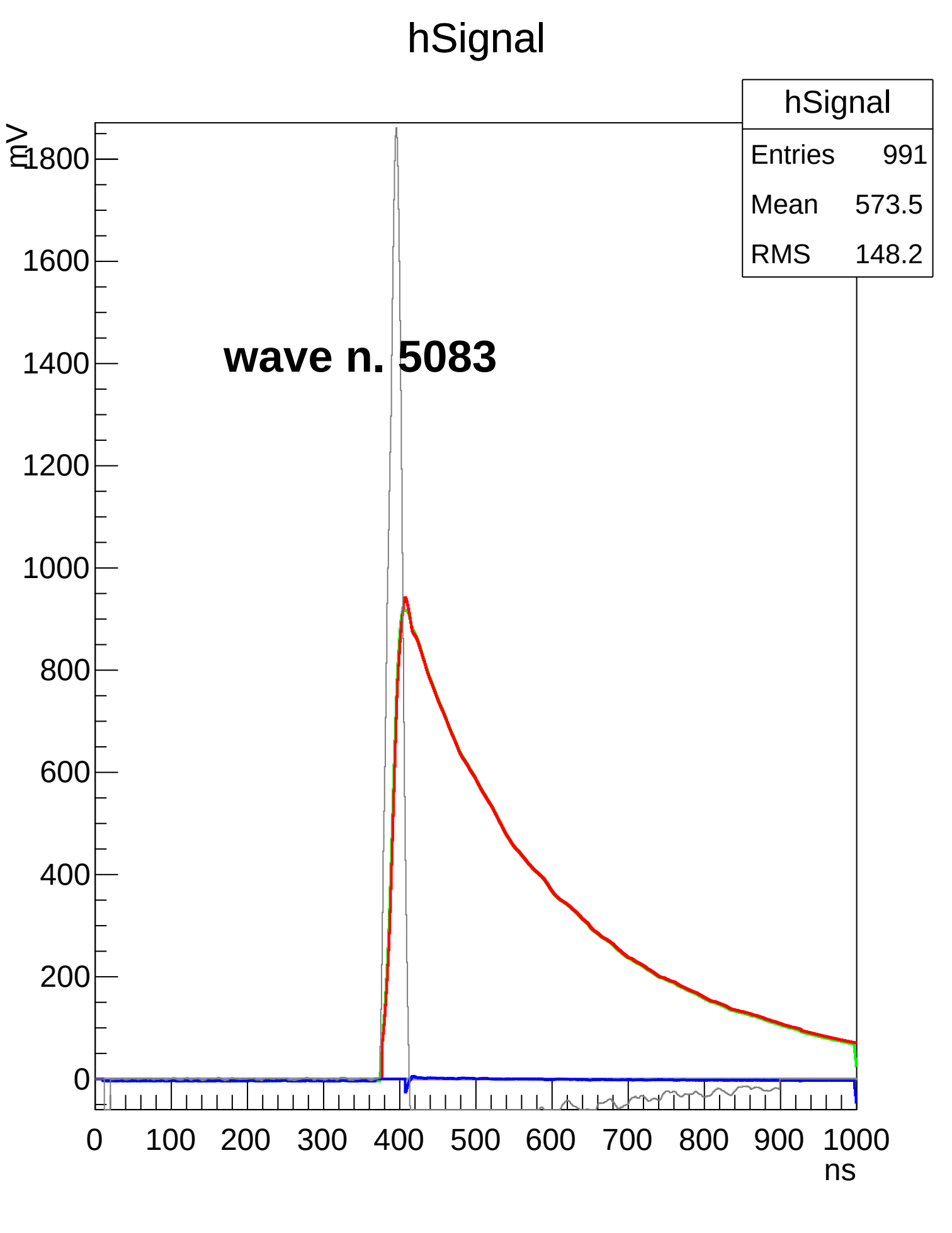
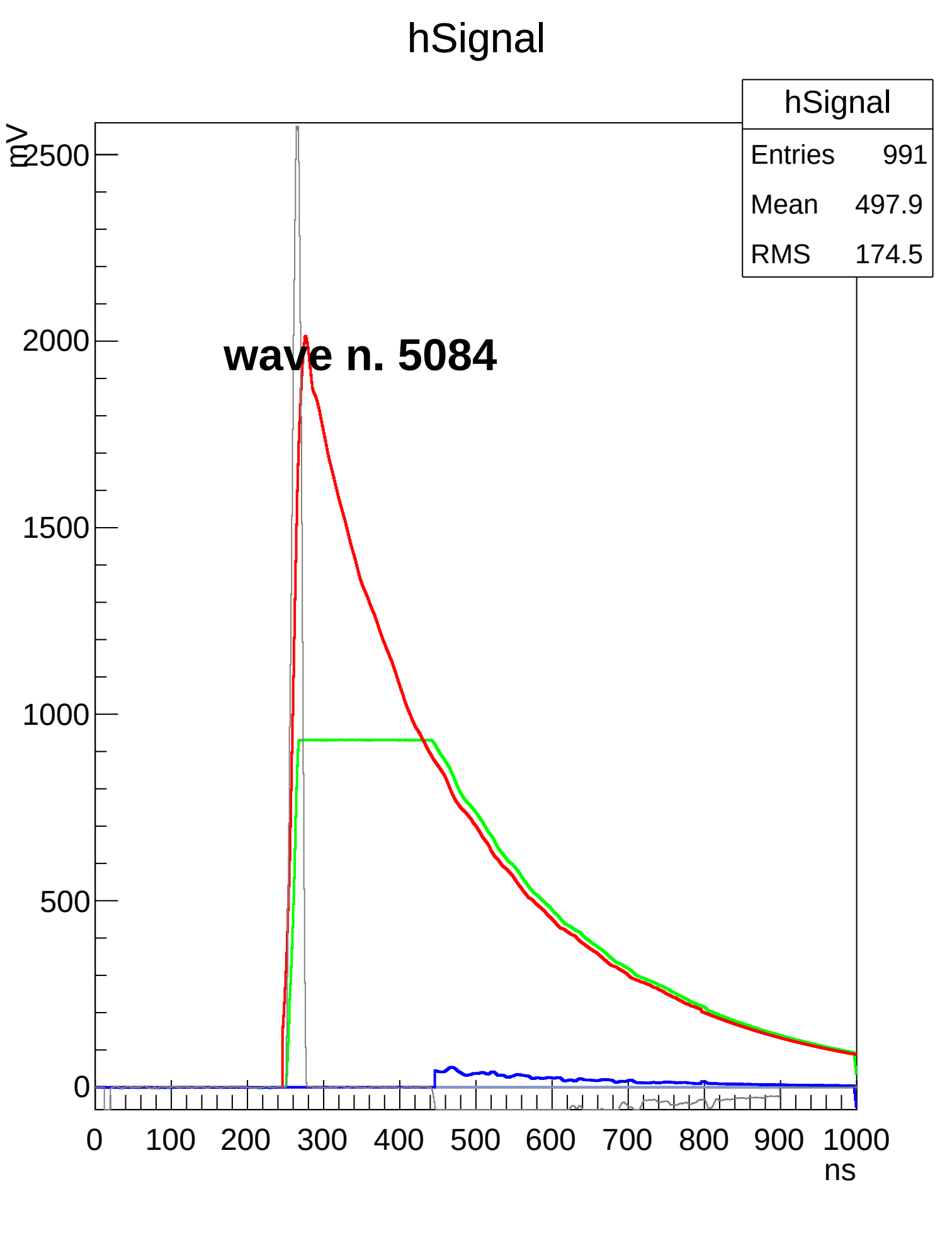
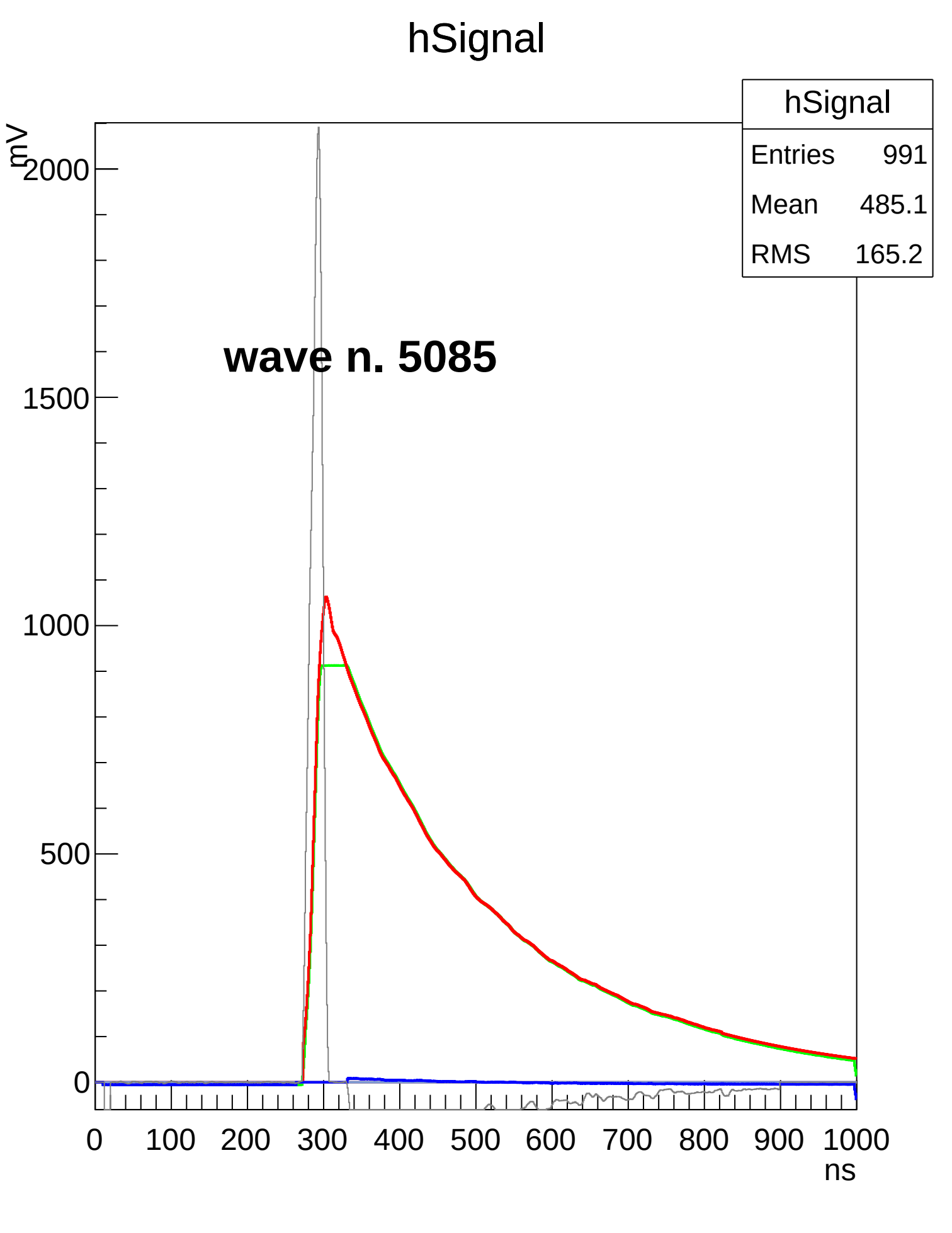
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.5
RMS 148.2
wave n. 5083
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 497.9
RMS 174.5
wave n. 5084
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485.1
RMS 165.2
wave n. 5085
mV
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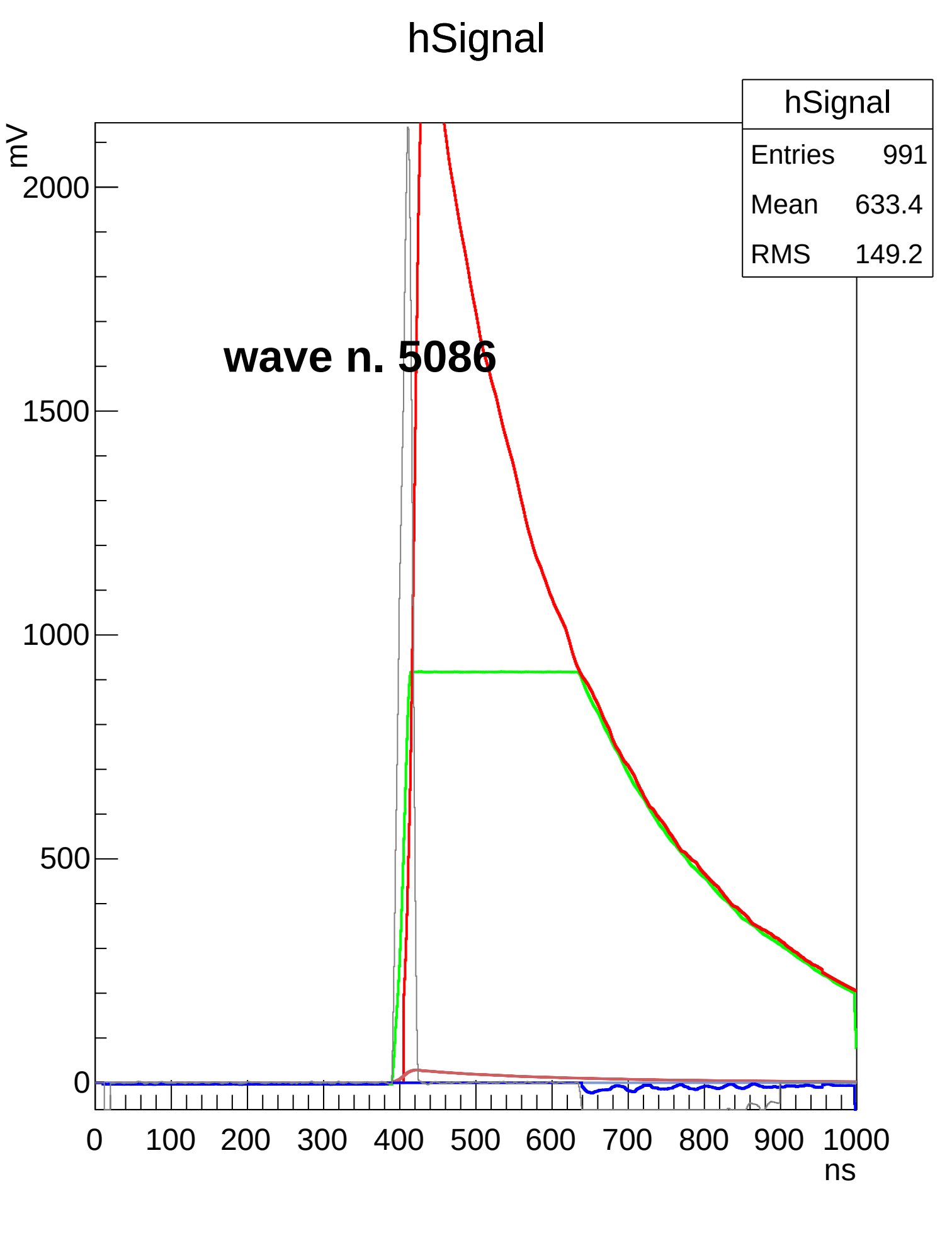
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 633.4
RMS 149.2
wave n. 5086
mV
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1000
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0
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400
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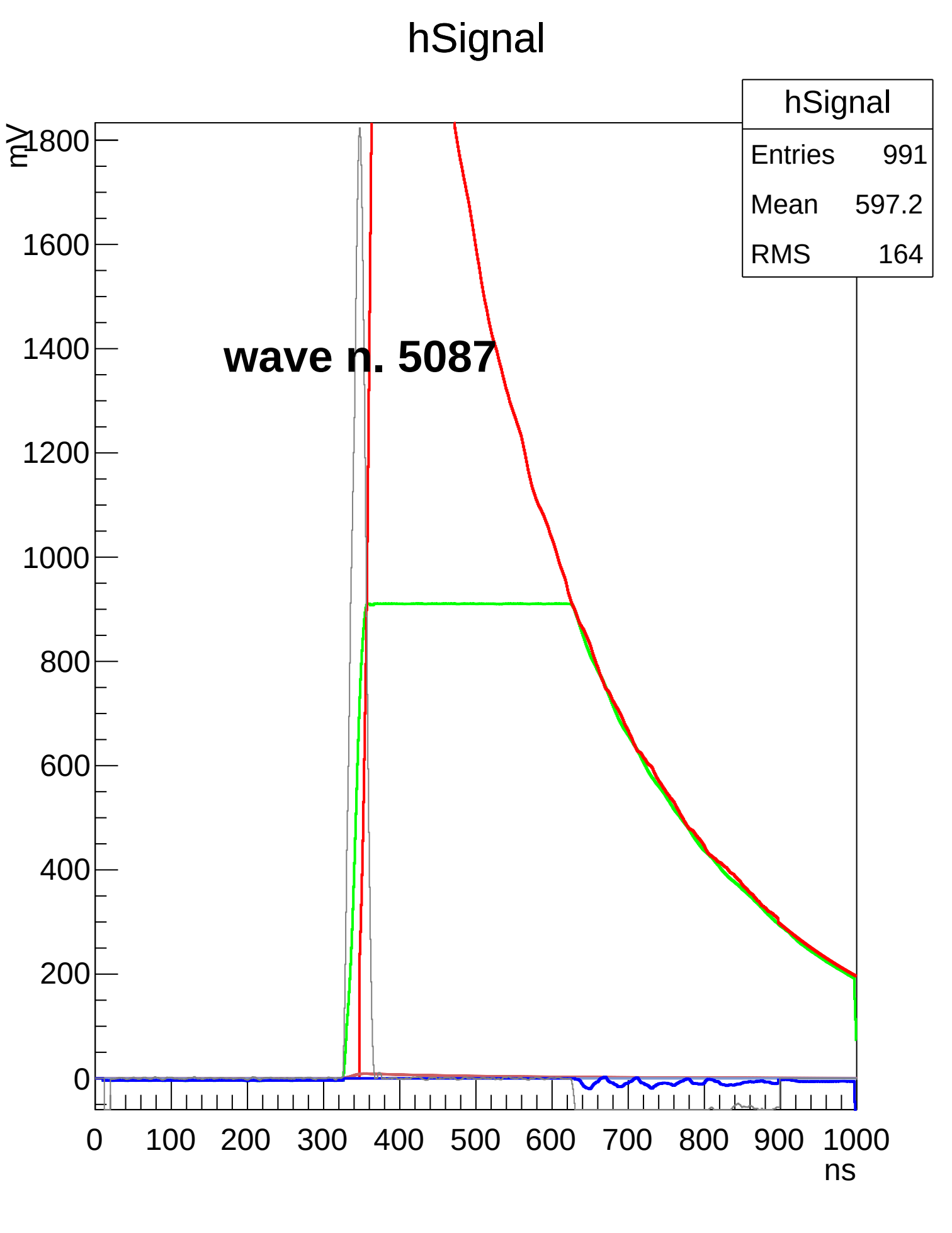
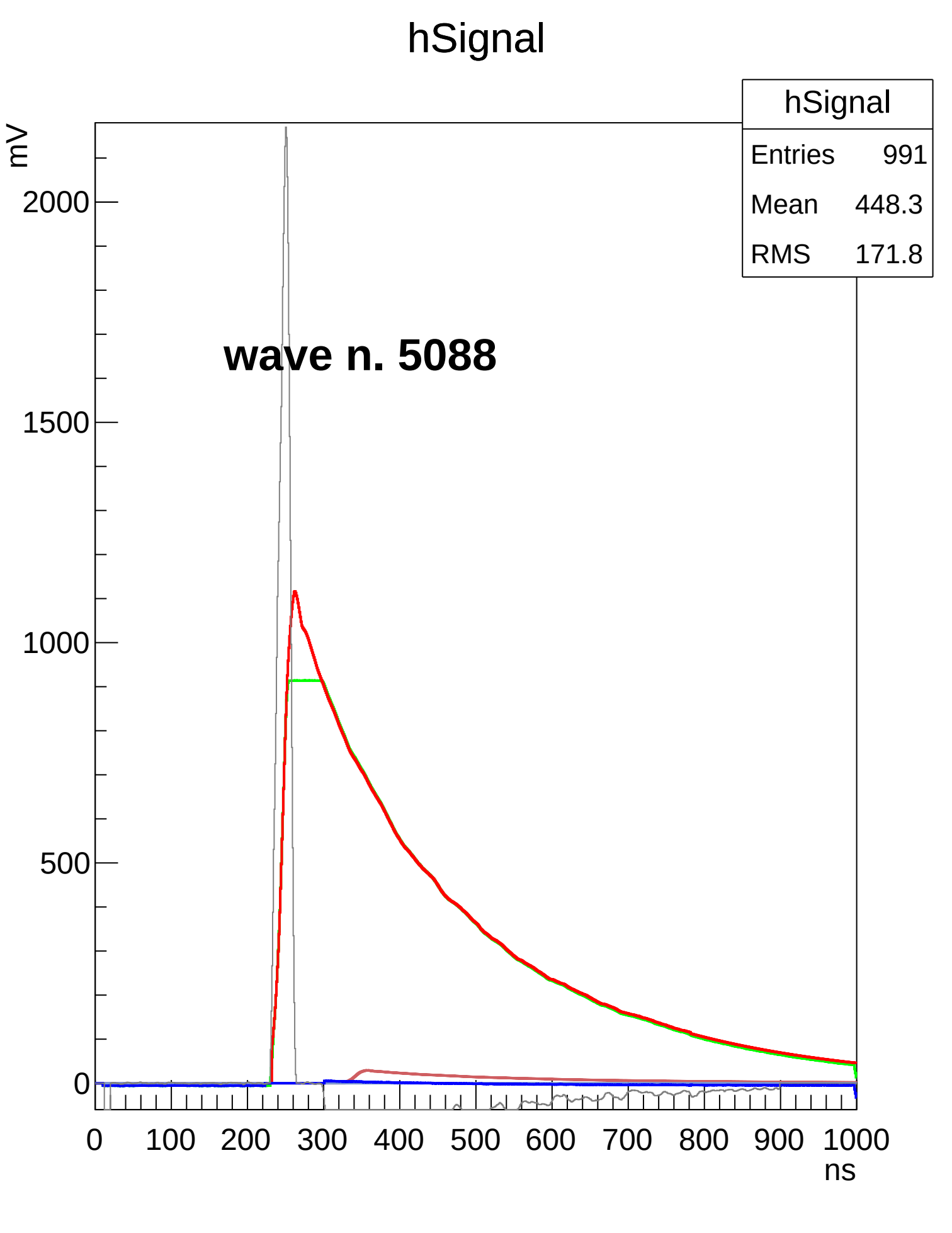
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597.2
RMS 164
wave n. 5087
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 448.3
RMS 171.8
wave n. 5088
mV
2000
1500
1000
500
0
0
100
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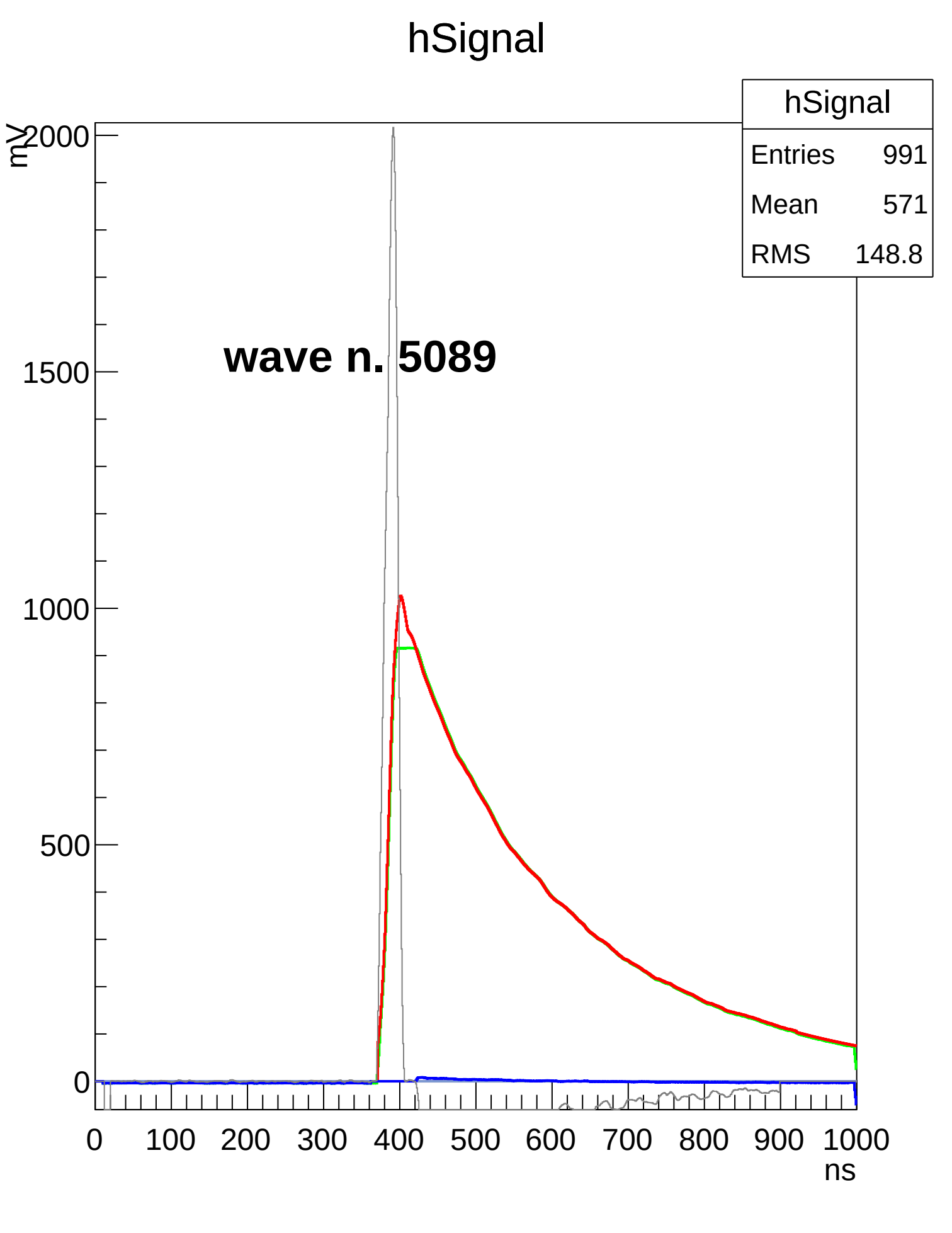
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 571
RMS 148.8
wave n. 5089
mV
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1500
1000
500
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0
100
200
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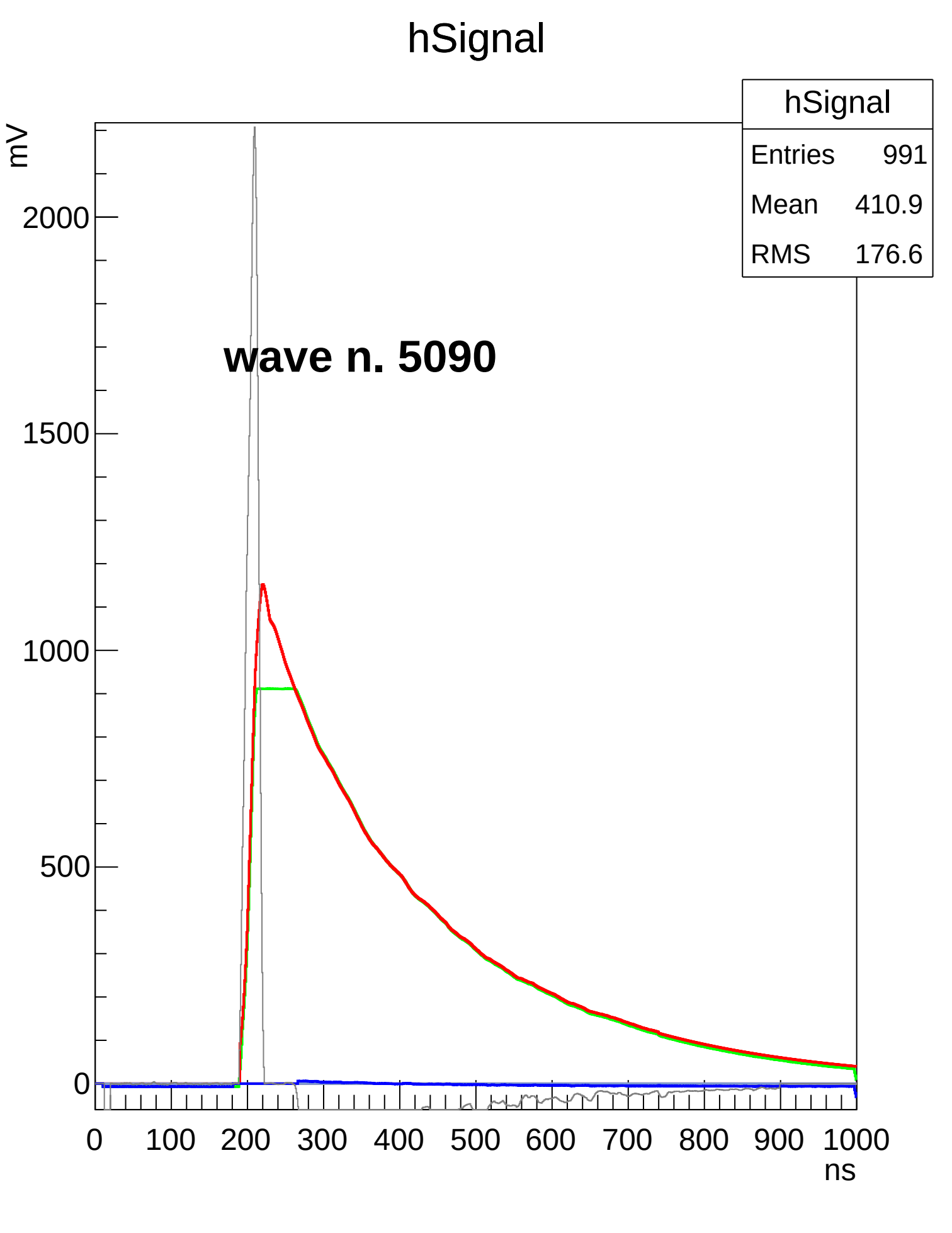
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 410.9
RMS 176.6
wave n. 5090
mV
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1500
1000
500
0
0
100
200
300
400
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600
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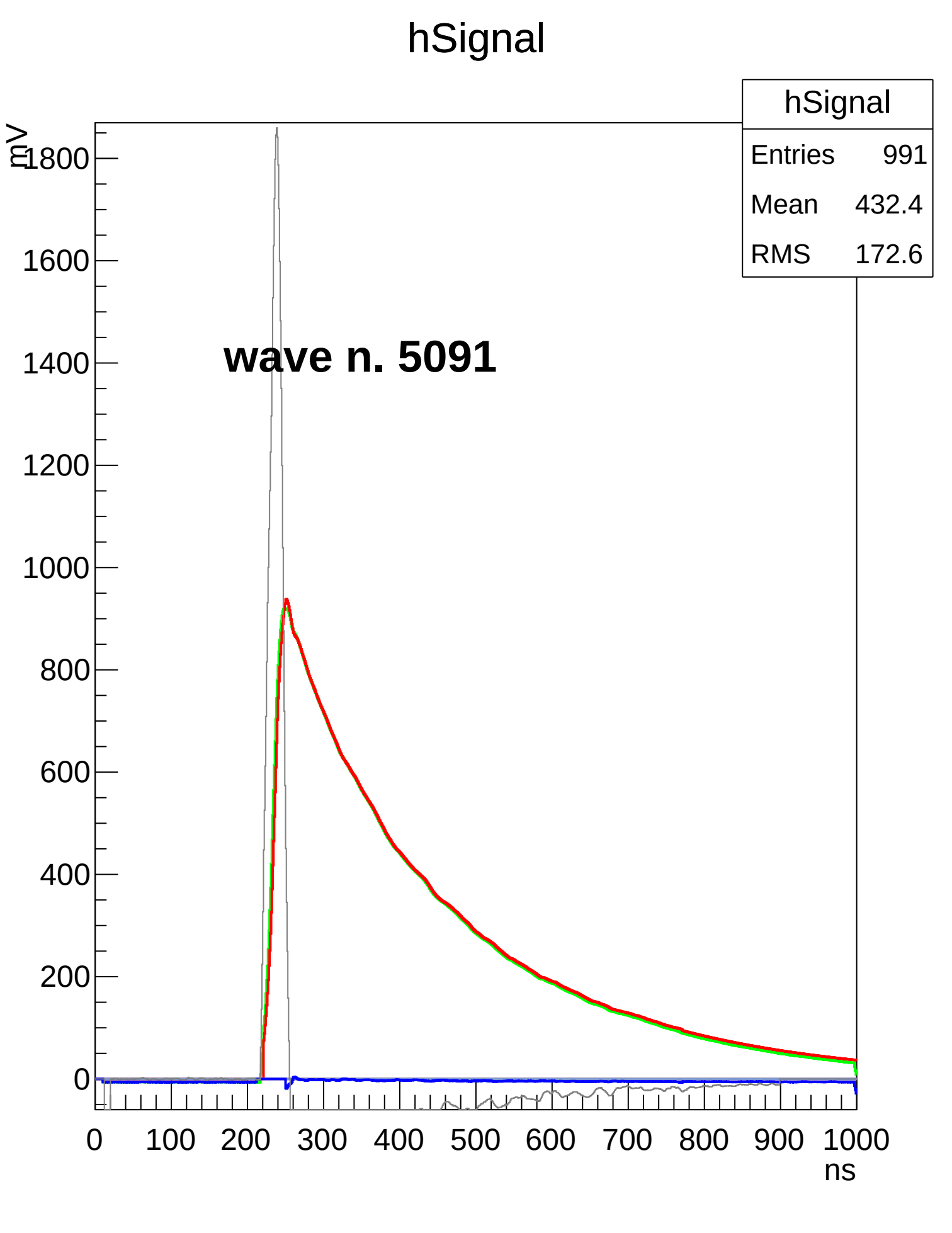
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 432.4
RMS 172.6
wave n. 5091
mV
1800
1600
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1200
1000
800
600
400
200
0
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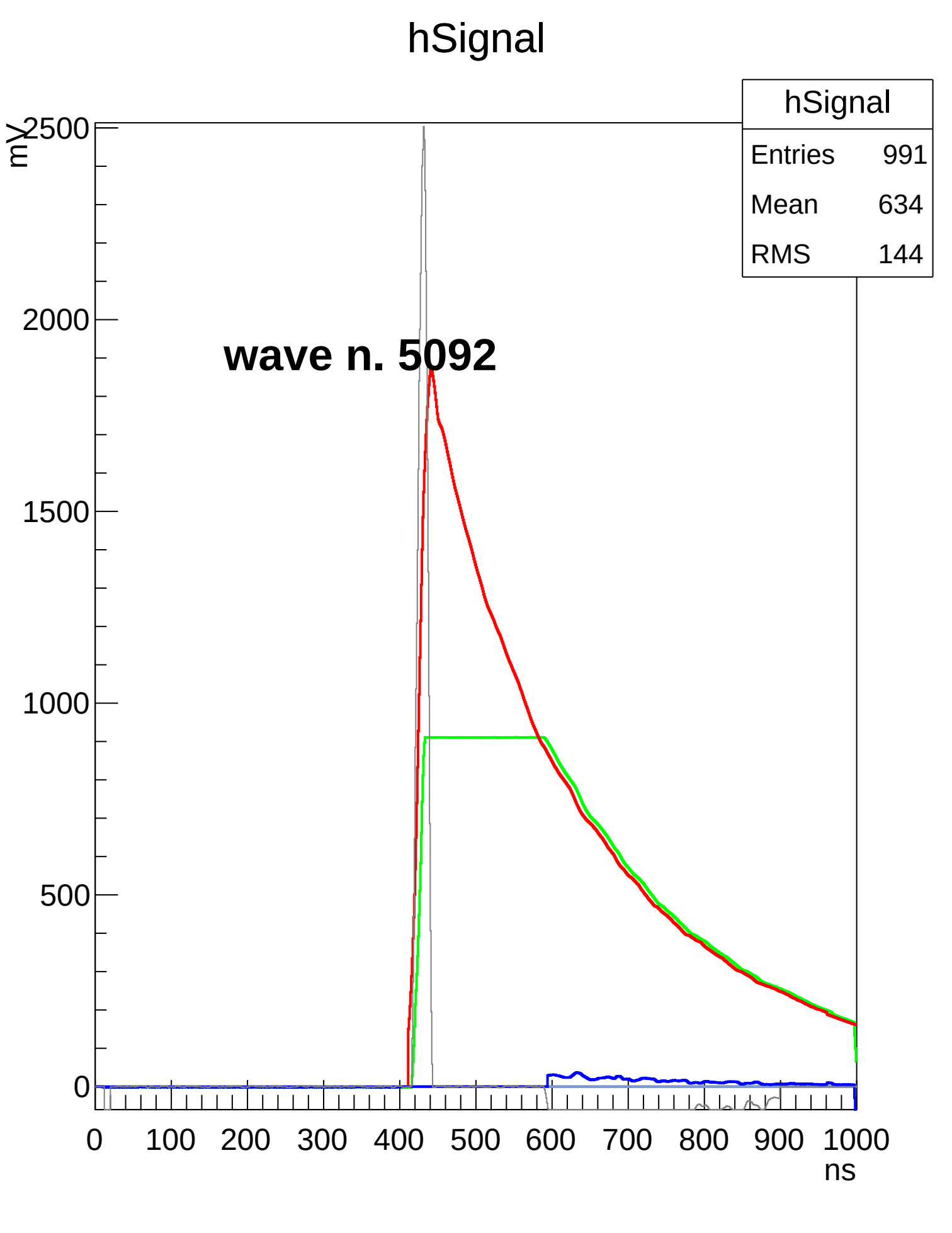
ns


hSignal
hSignal
Entries 991
Mean 634
RMS 144
wave n. 5092
mV
2500
2000
1500
1000
500
0
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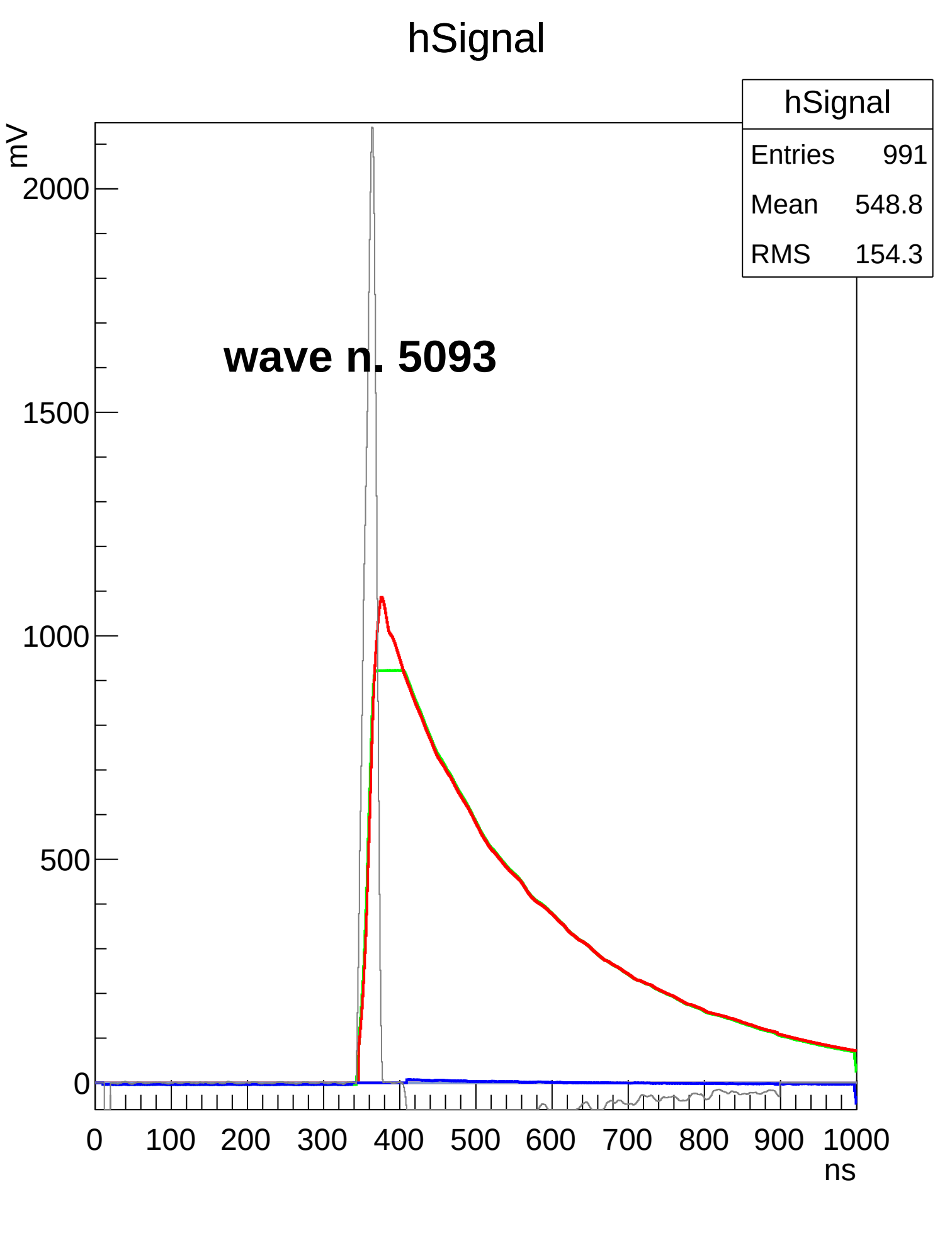
ns


hSignal
hSignal
Entries 991
Mean 548.8
RMS 154.3
wave n. 5093
mV
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1500
1000
500
0
0
100
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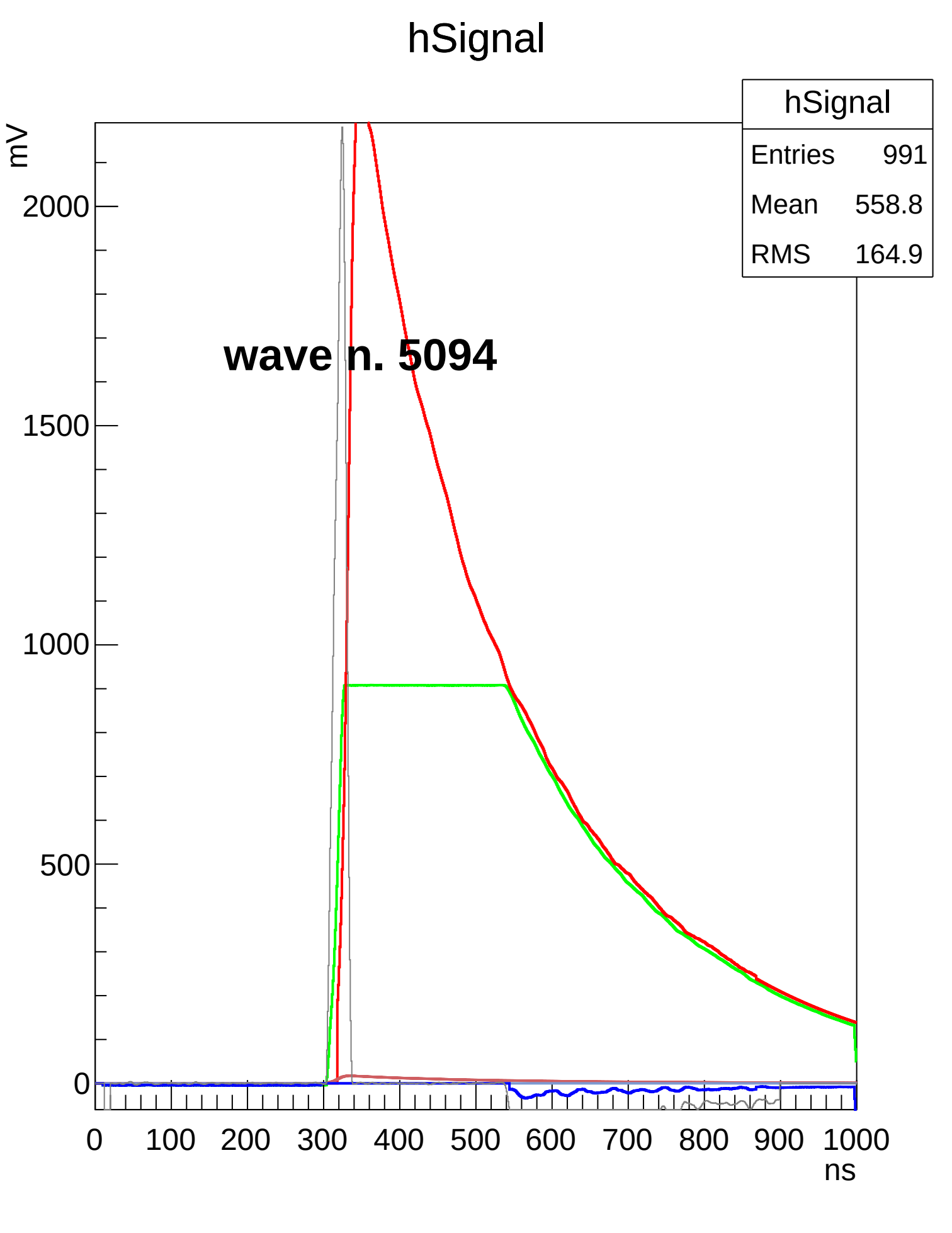
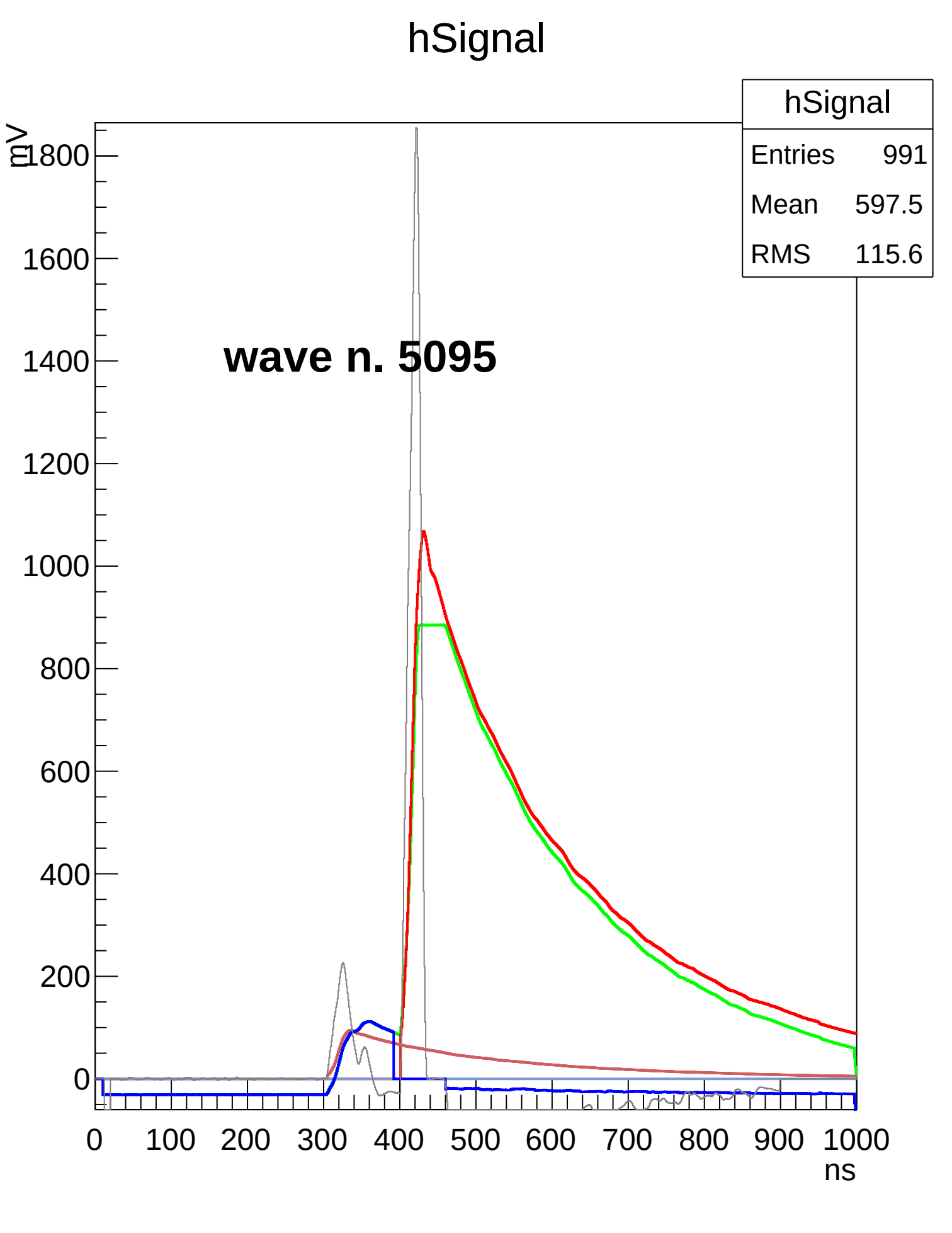
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558.8
RMS 164.9
wave n. 5094
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 597.5
RMS 115.6
wave n. 5095
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
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400
500
600
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800
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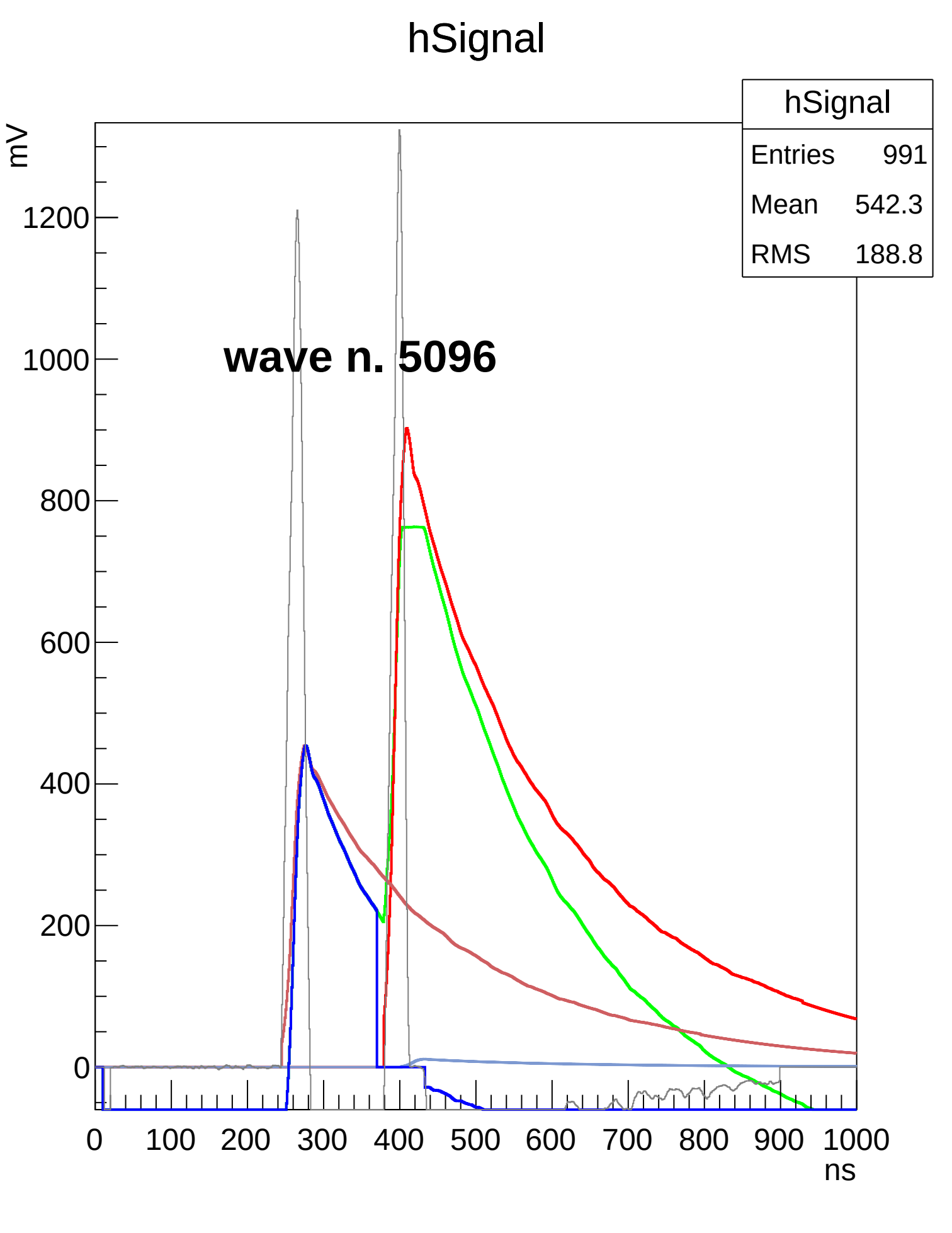
1000
ns


hSignal
hSignal
Entries 991
Mean 542.3
RMS 188.8
wave n. 5096
mV
1200
1000
800
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400
200
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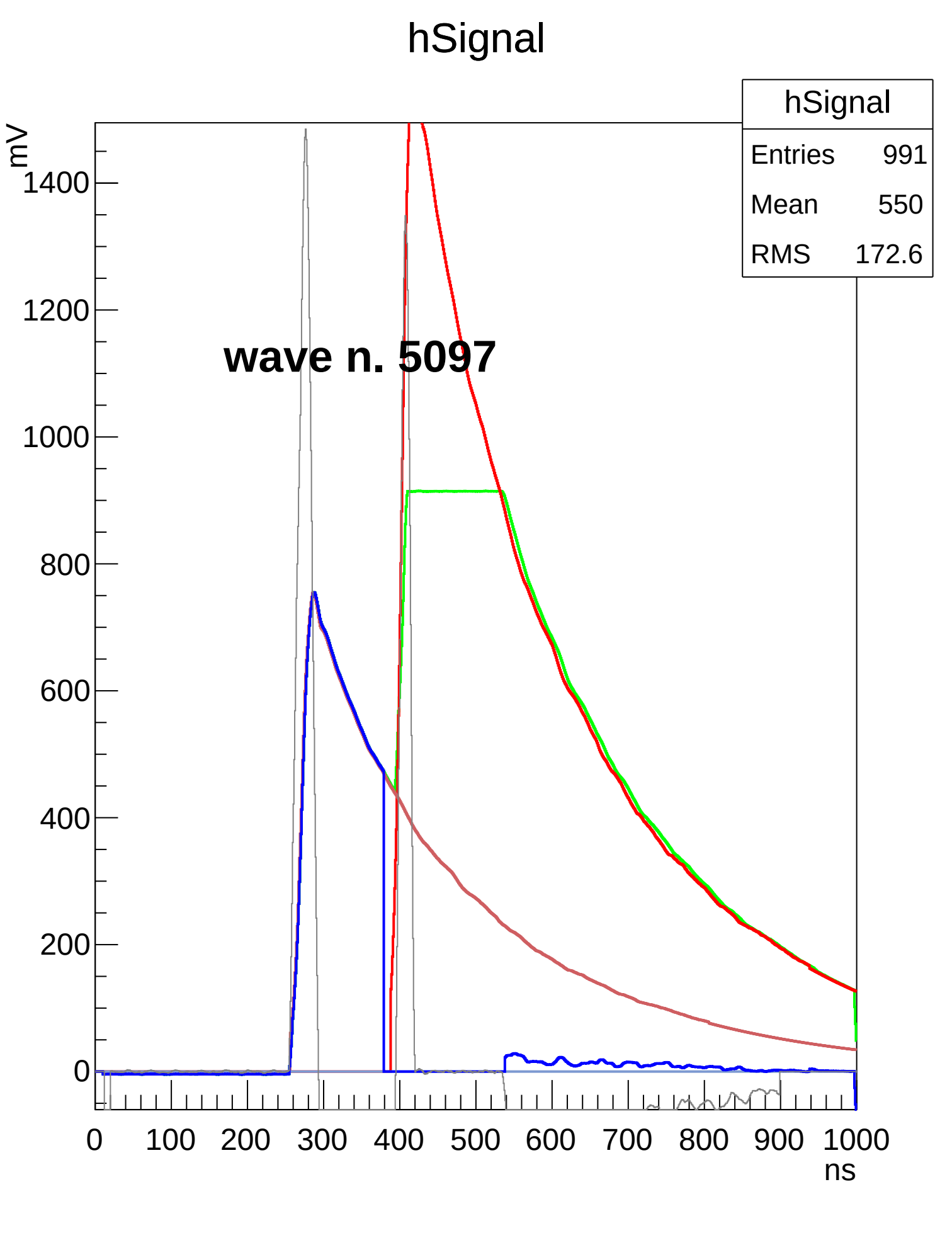
ns


hSignal
hSignal
Entries 991
Mean 550
RMS 172.6
wave n. 5097
mV
1400
1200
1000
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400
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700
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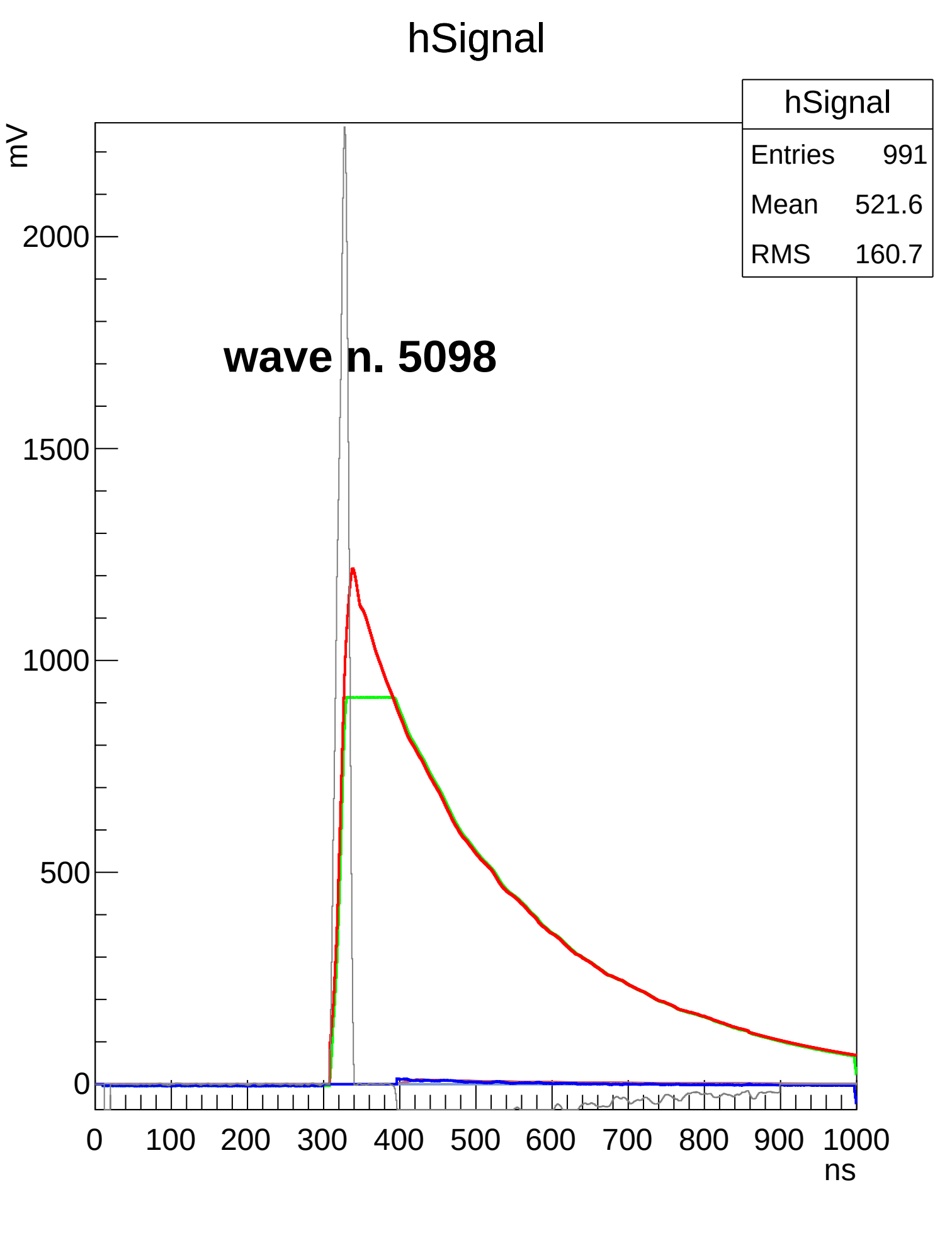
1000
ns


hSignal
hSignal
Entries 991
Mean 521.6
RMS 160.7
wave n. 5098
mV
2000
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1000
500
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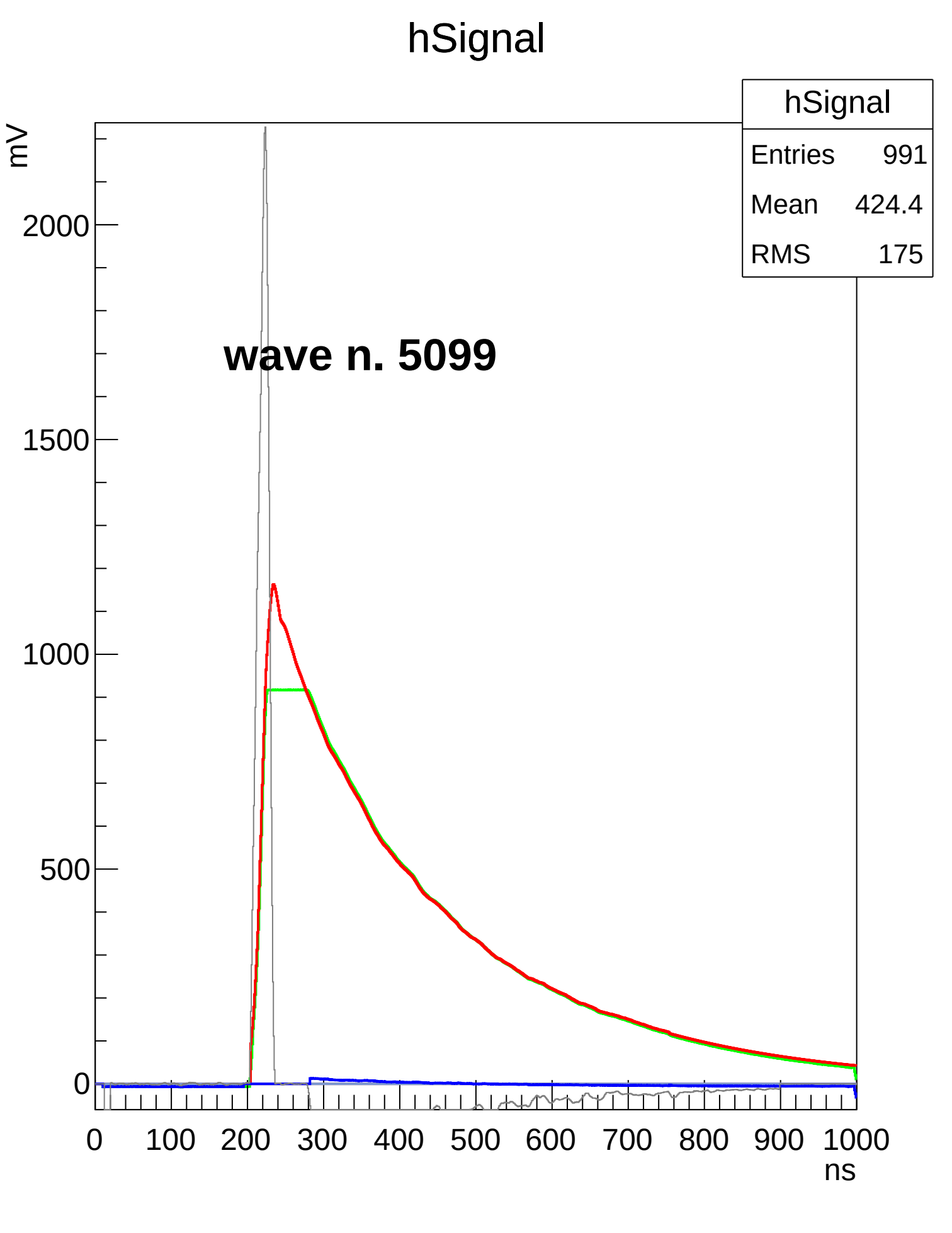
ns


hSignal
hSignal
Entries 991
Mean 424.4
RMS 175
wave n. 5099
mV
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1500
1000
500
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0
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200
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400
500
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800
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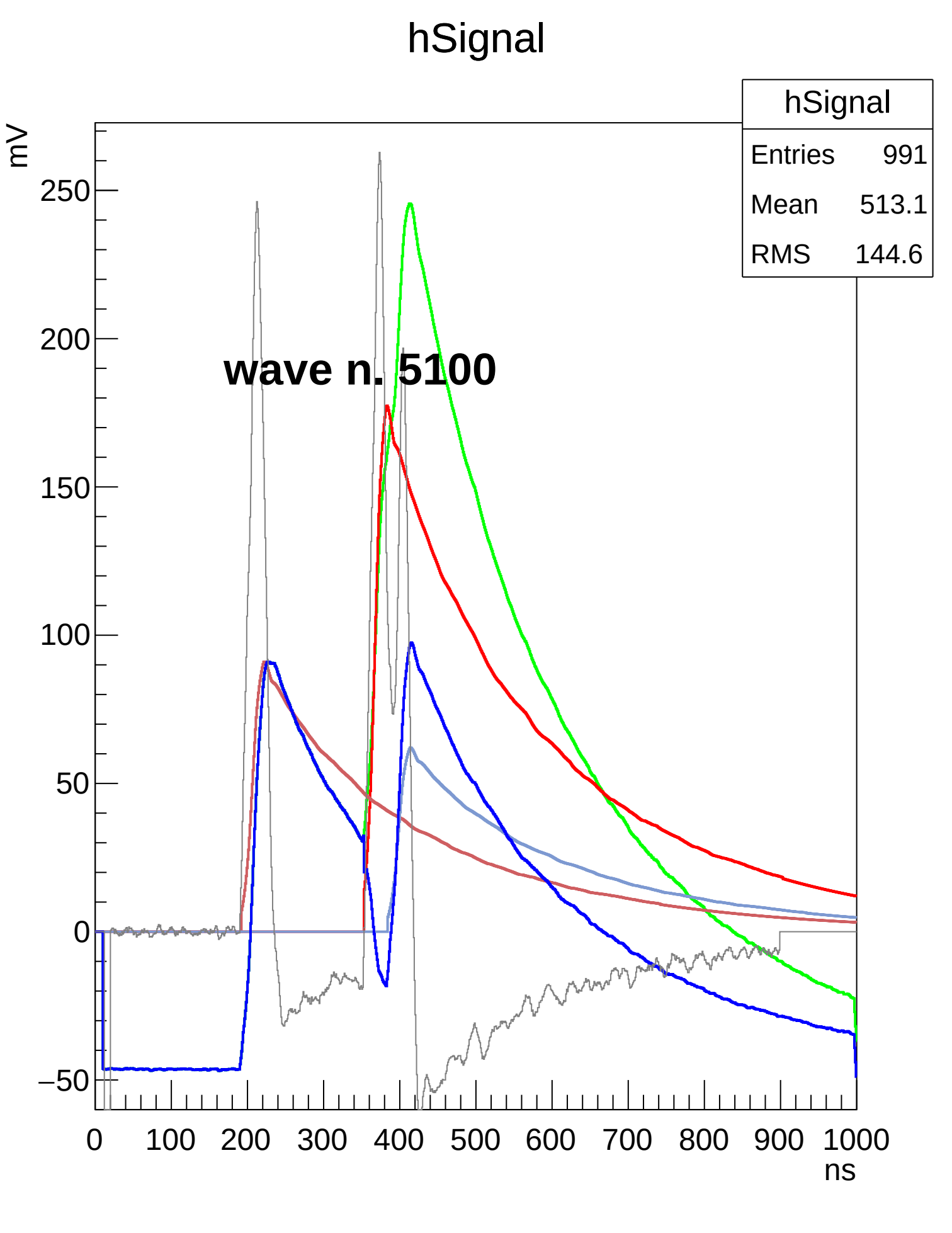
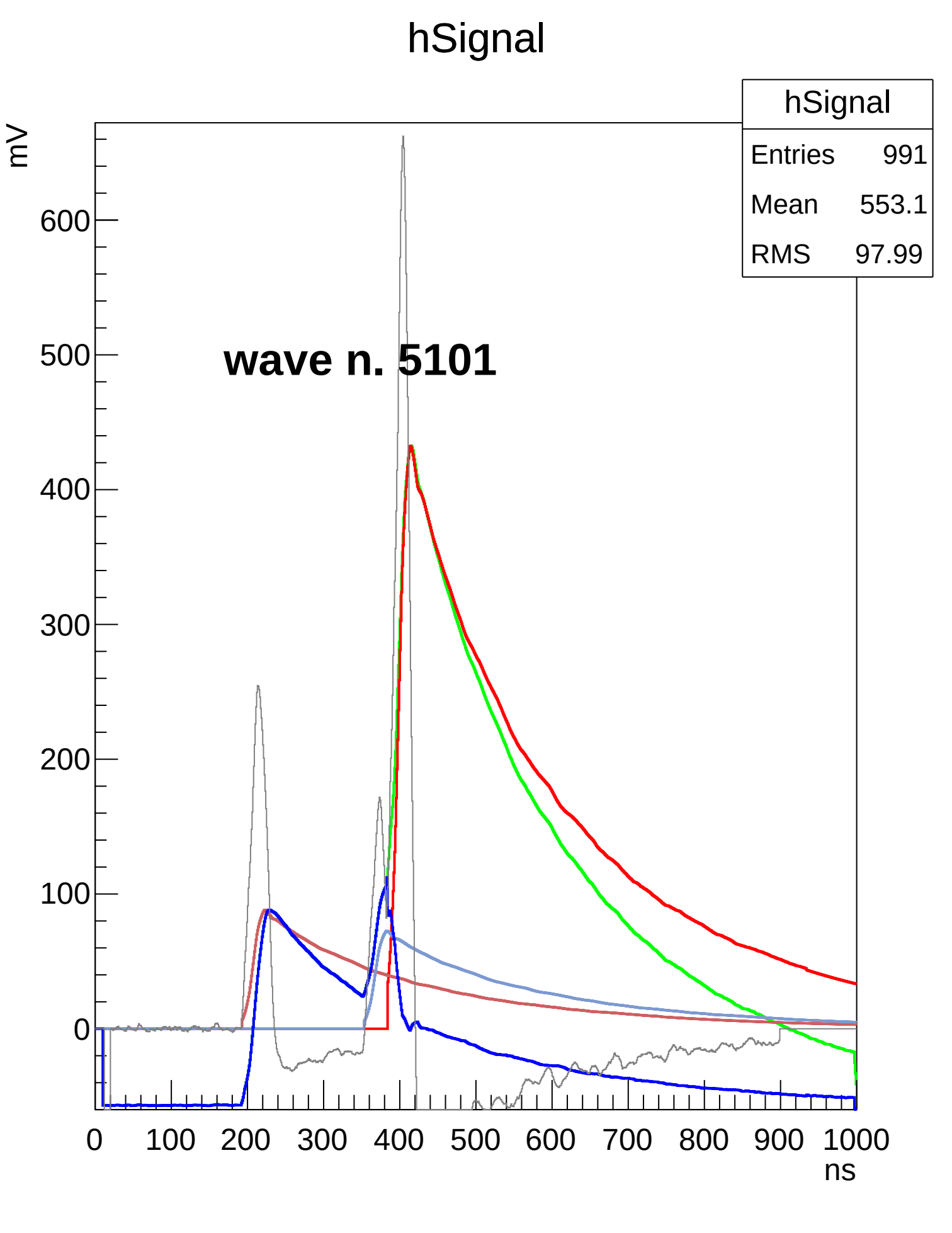
1000
ns


hSignal
hSignal
Entries 991
Mean 513.1
RMS 144.6
wave n. 5100
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 553.1
RMS 97.99
wave n. 5101
mV
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500
400
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200
100
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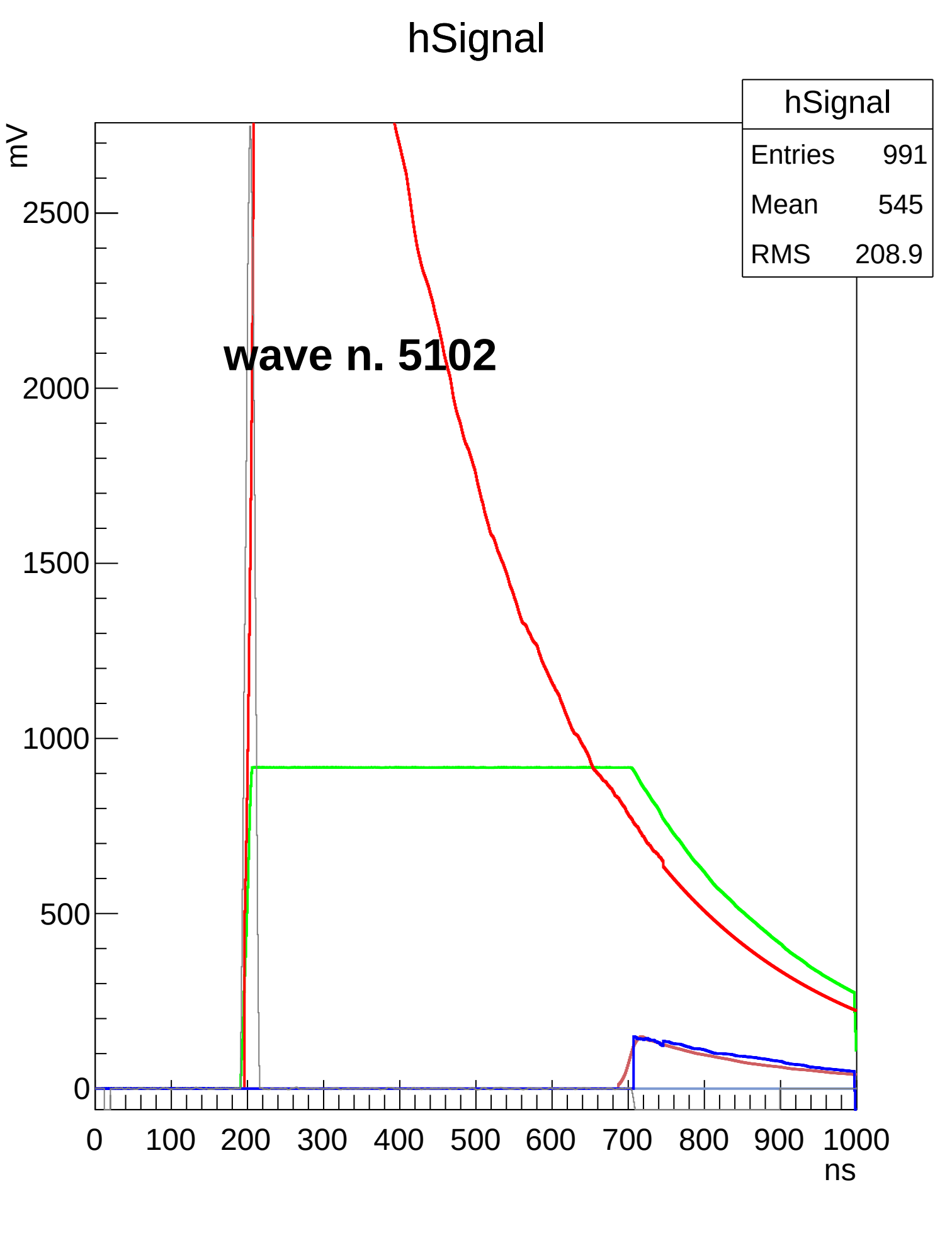
ns


hSignal
hSignal
Entries 991
Mean 545
RMS 208.9
wave n. 5102
mV
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1000
500
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100
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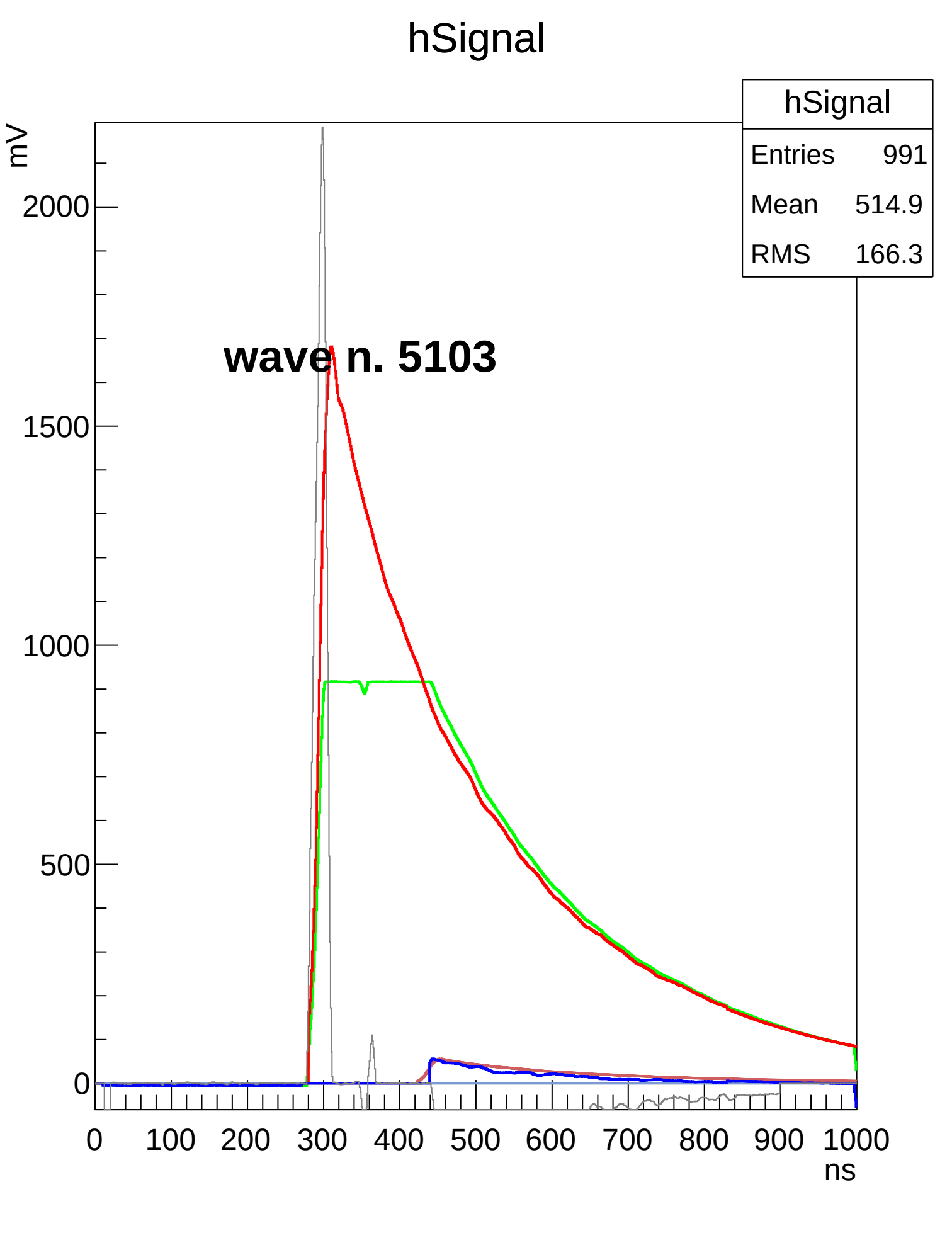
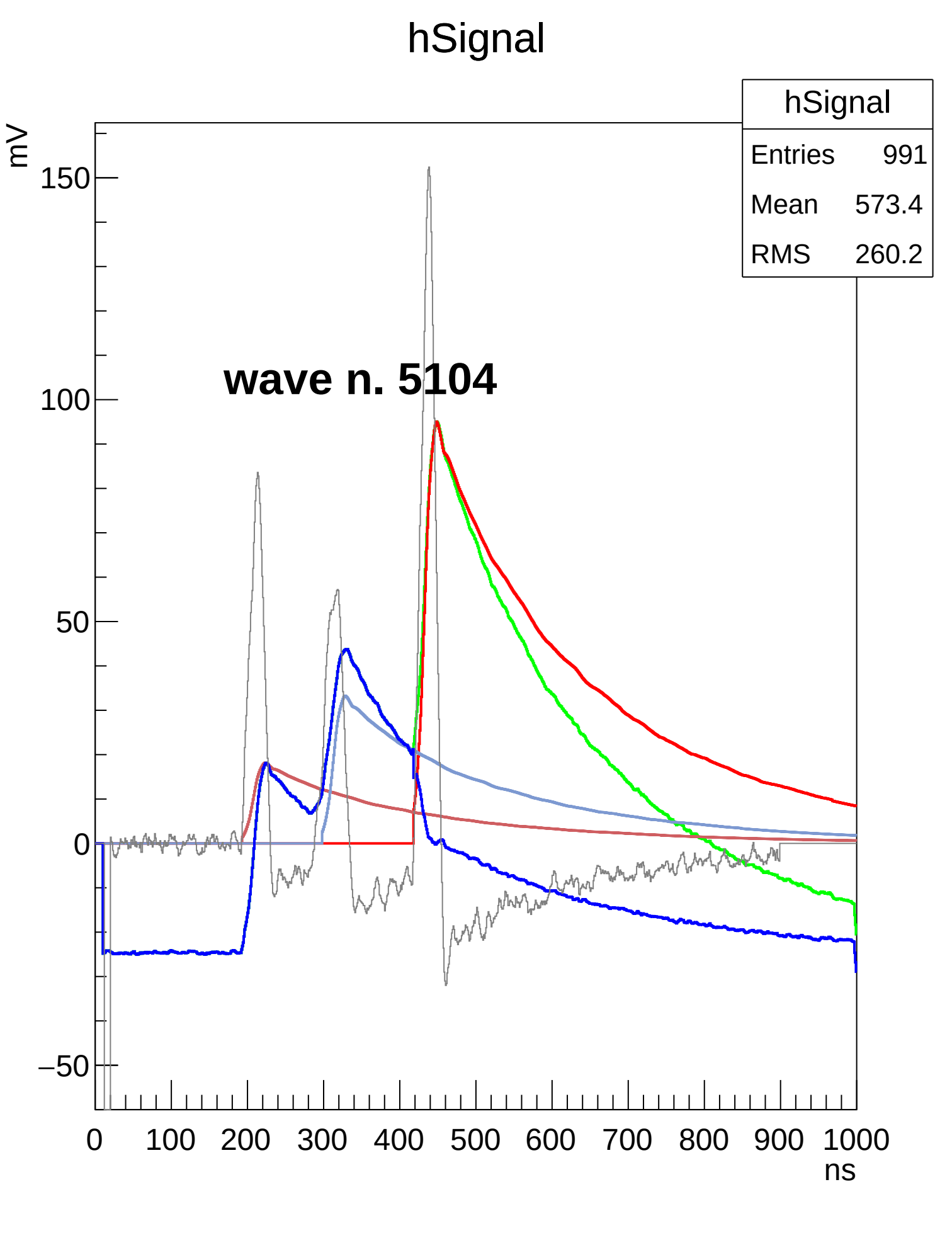
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 514.9
RMS 166.3
wave n. 5103
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 573.4
RMS 260.2
wave n. 5104
mV
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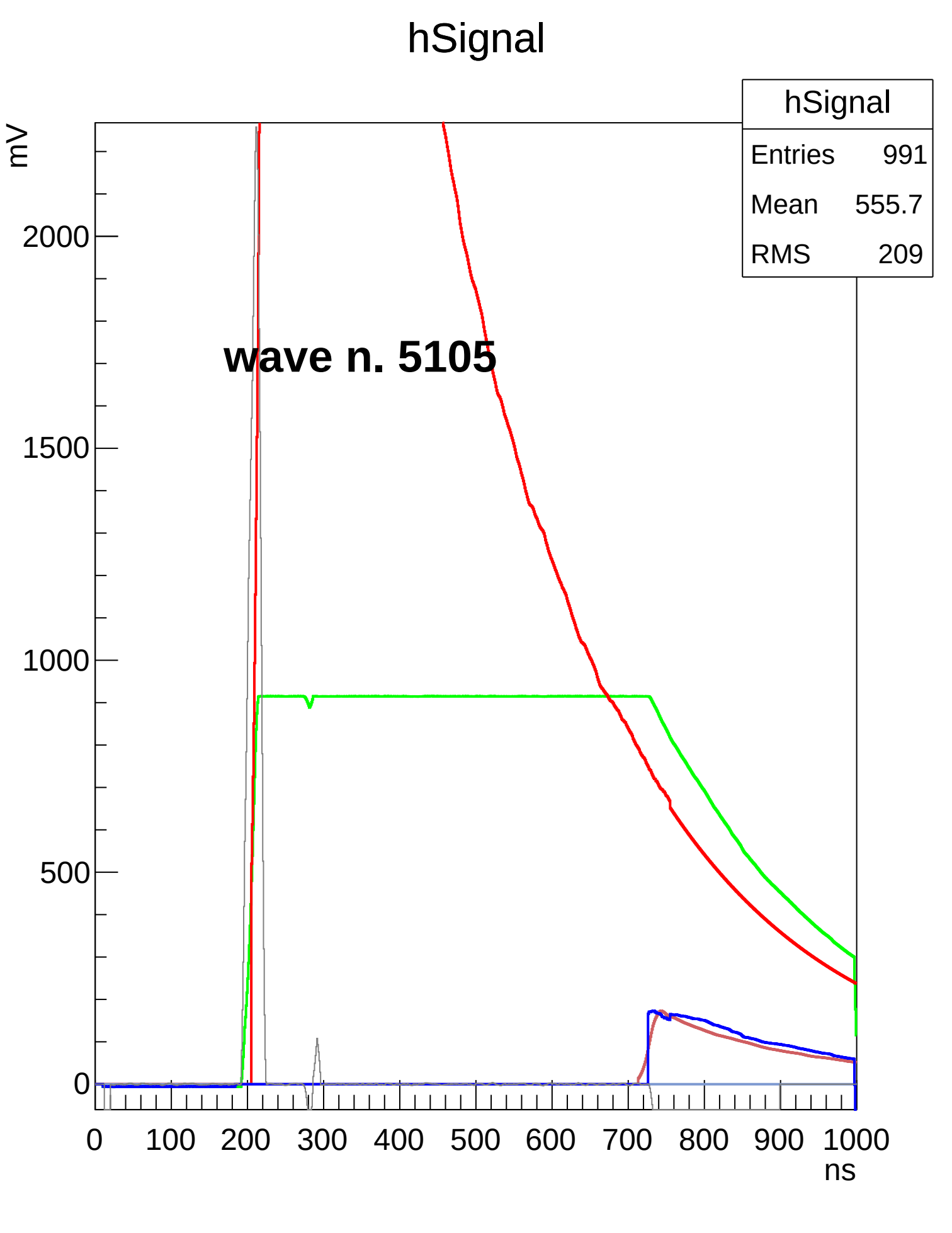
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 555.7
RMS 209
wave n. 5105
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1500
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0
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400
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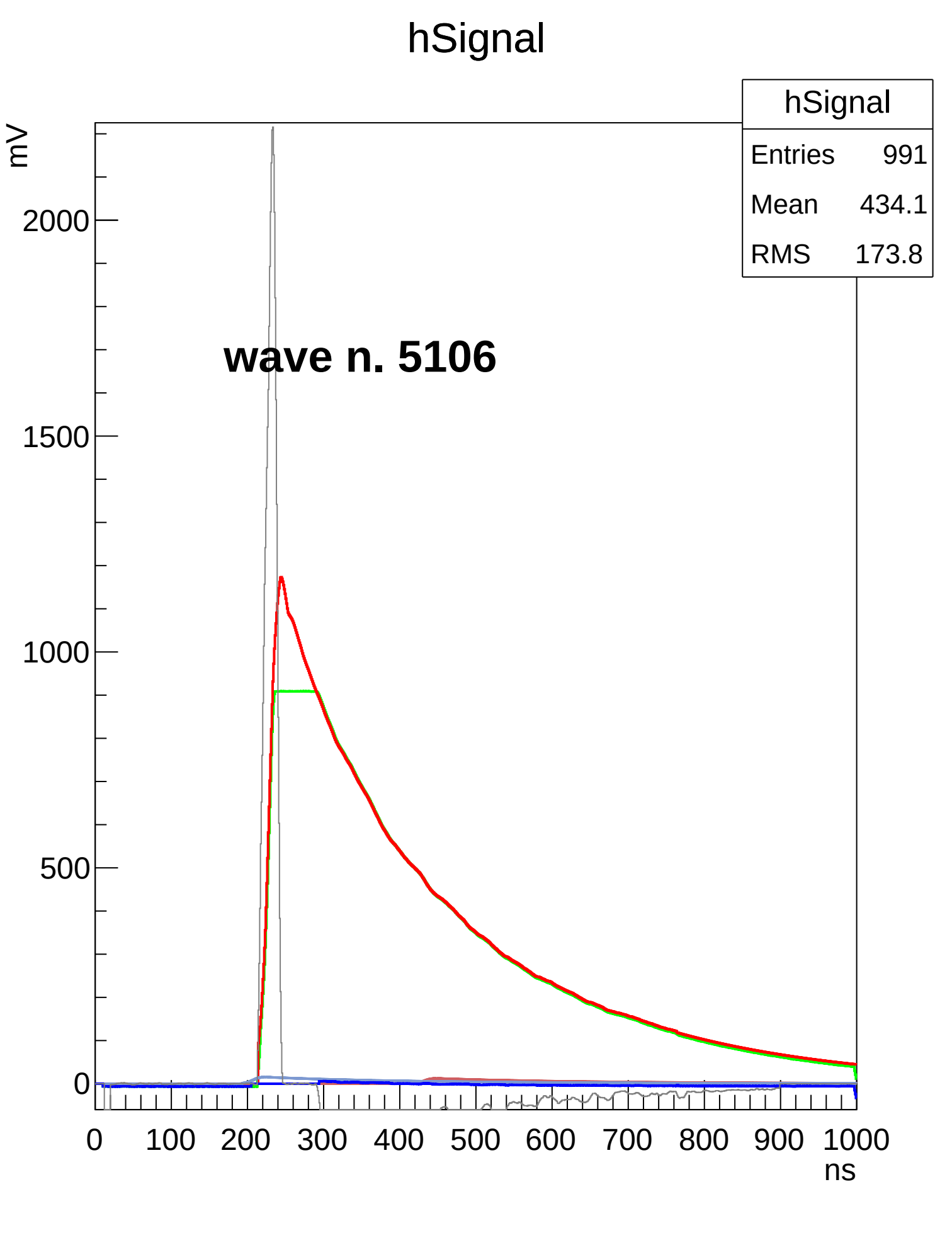
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 434.1
RMS 173.8
wave n. 5106
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500
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0
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400
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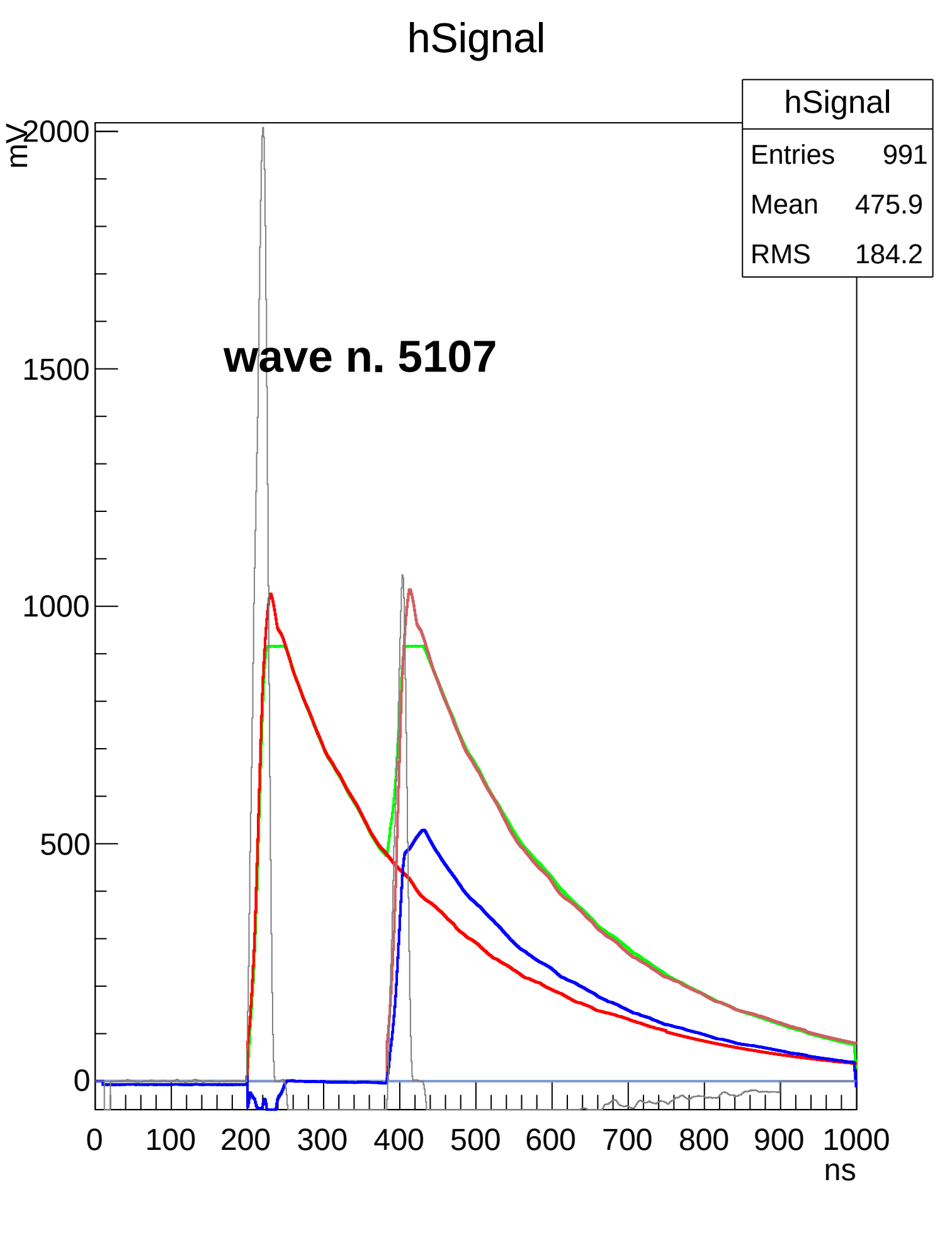
900
1000
ns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hSignal
Entries 991
Mean 475.9
RMS 184.2
wave n. 5107
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1500
1000
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0
0
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400
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800
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1000
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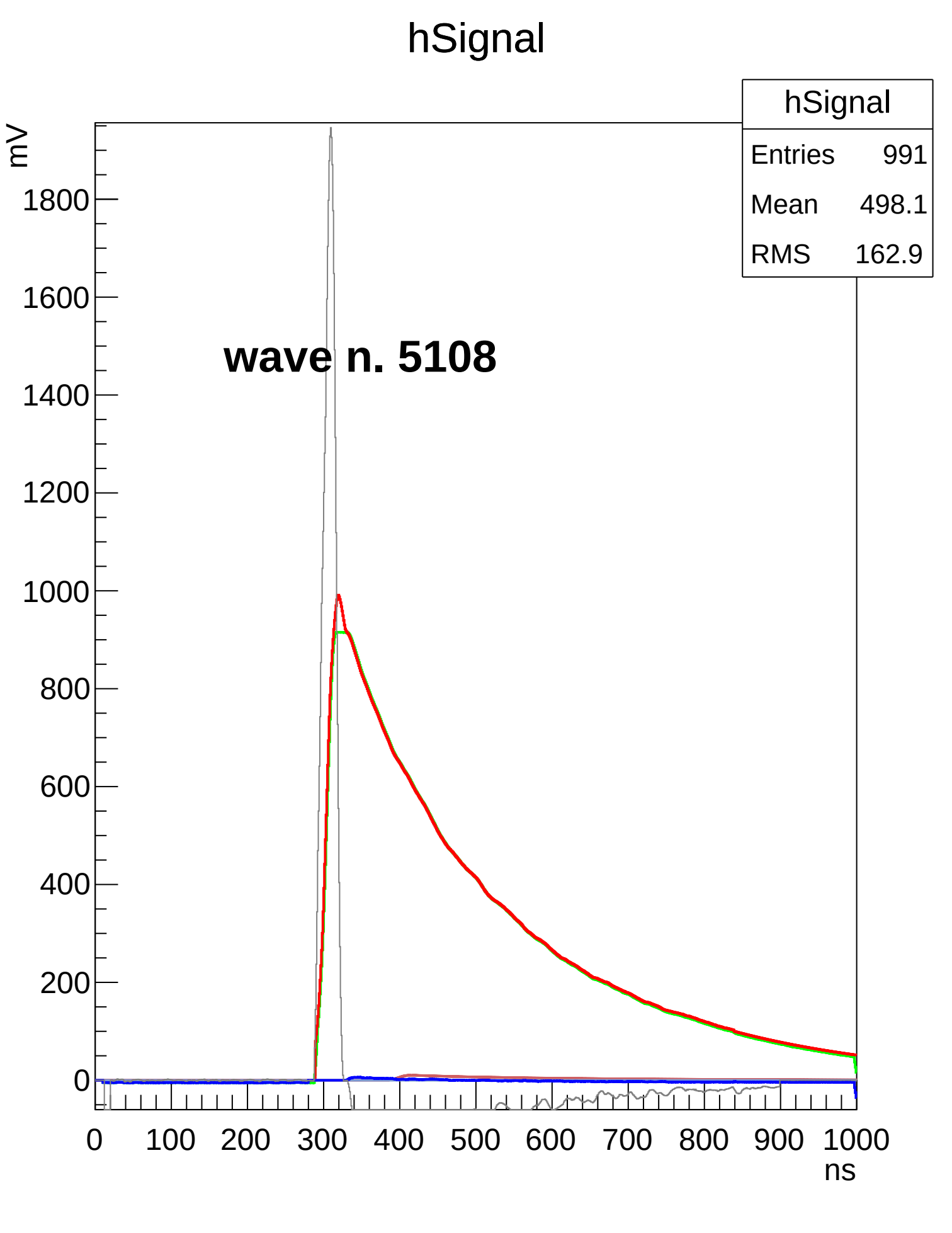
hSignal
hSignal
Entries 991
Mean 498.1
RMS 162.9
wave n. 5108
mV
1800
1600
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600
400
200
0
0
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200
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400
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1000
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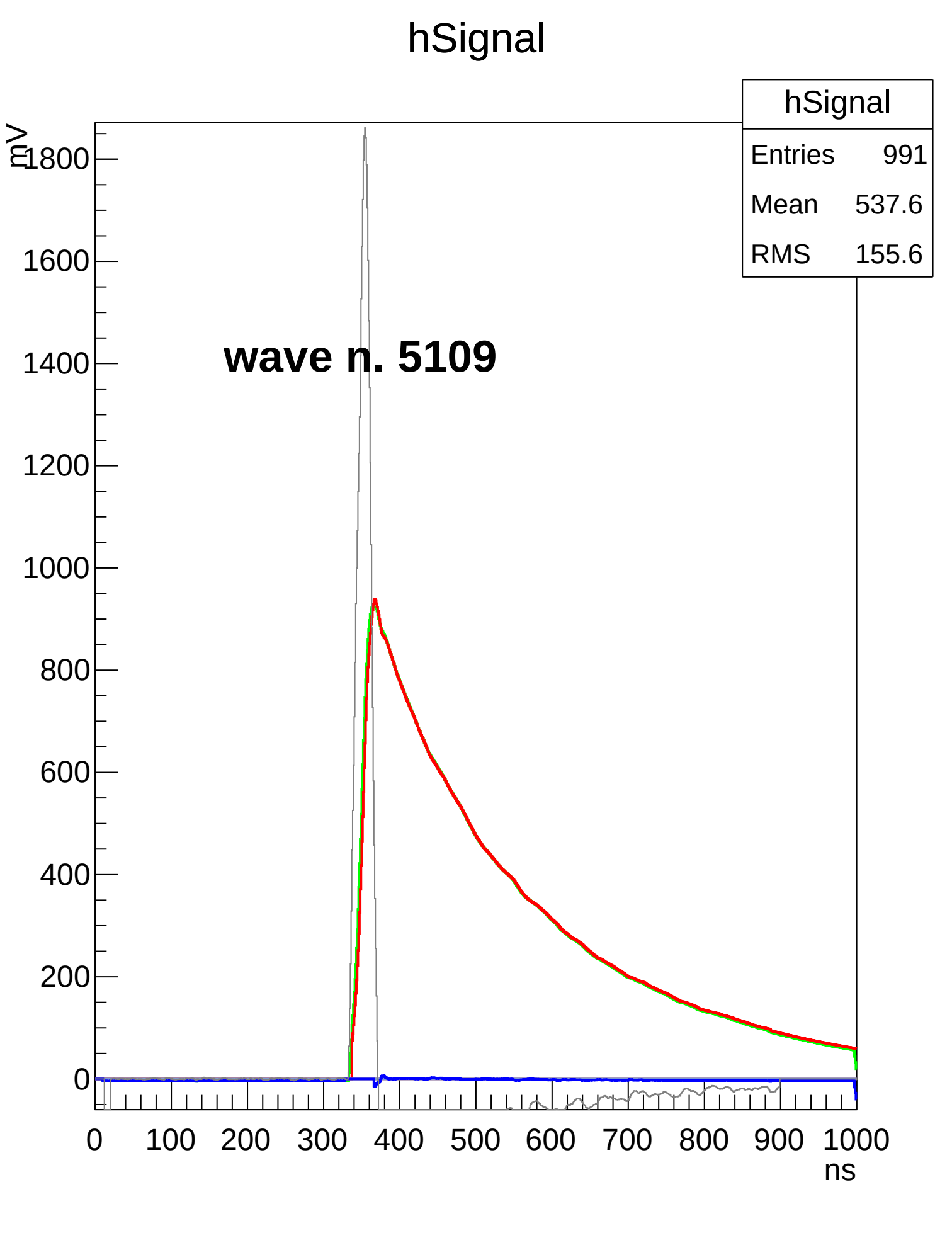
hSignal
hSignal
Entries 991
Mean 537.6
RMS 155.6
wave n. 5109
mV
1800
1600
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600
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0
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1000
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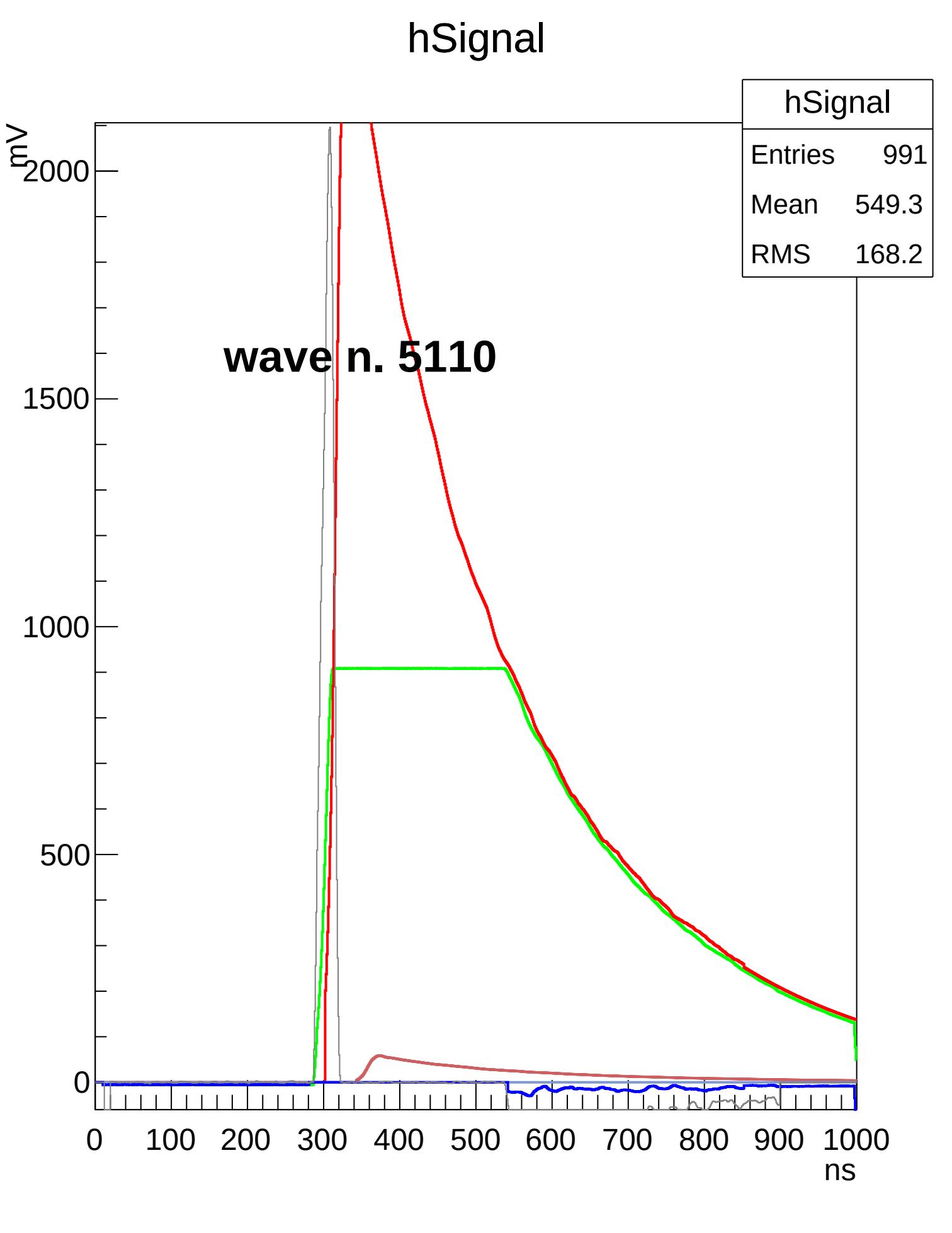
hSignal
hSignal
Entries 991
Mean 549.3
RMS 168.2
wave n. 5110
mV
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1500
1000
500
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0
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400
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600
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800
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1000
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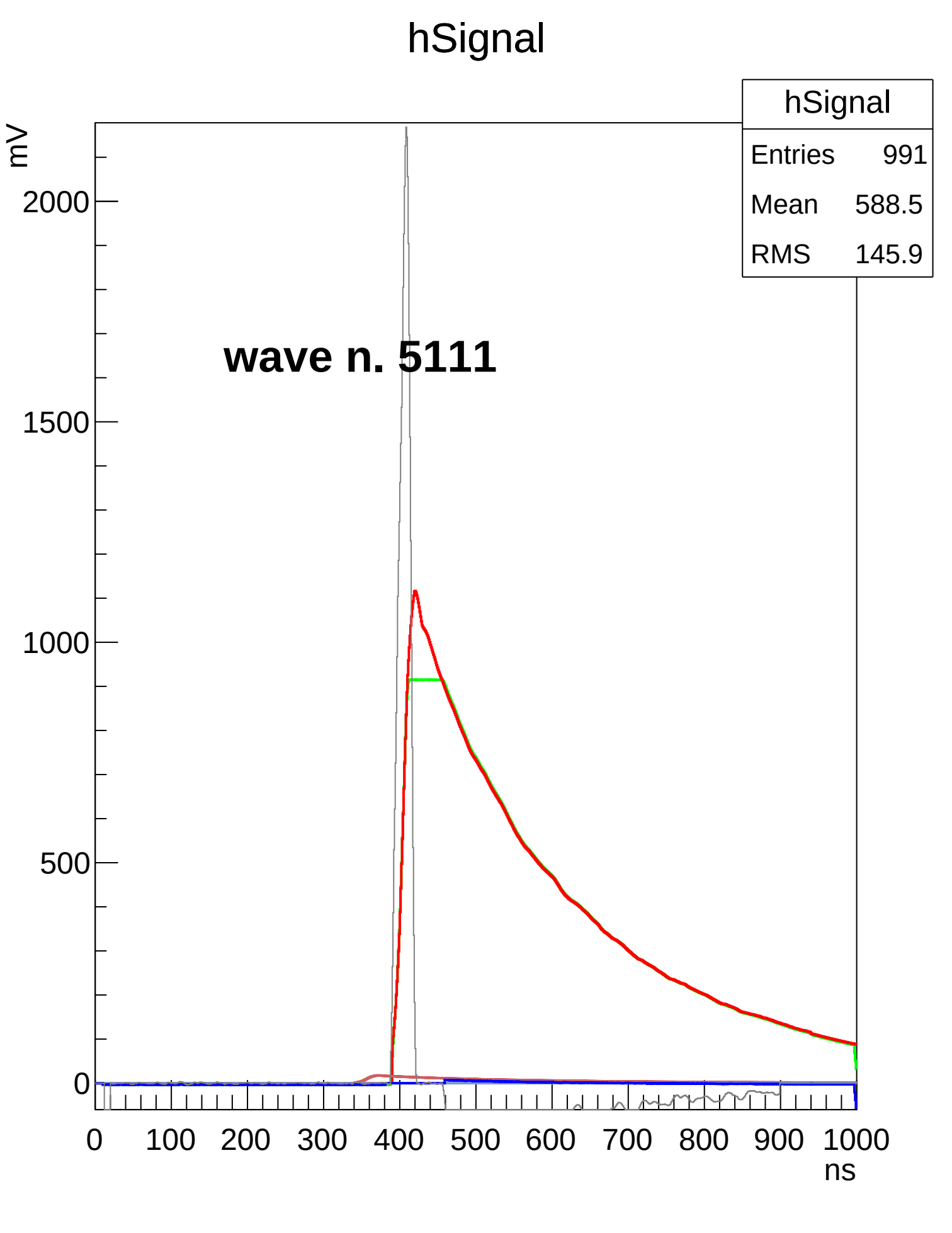
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hSignal
Entries 991
Mean 588.5
RMS 145.9
wave n. 5111
mV
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1500
1000
500
0
0
100
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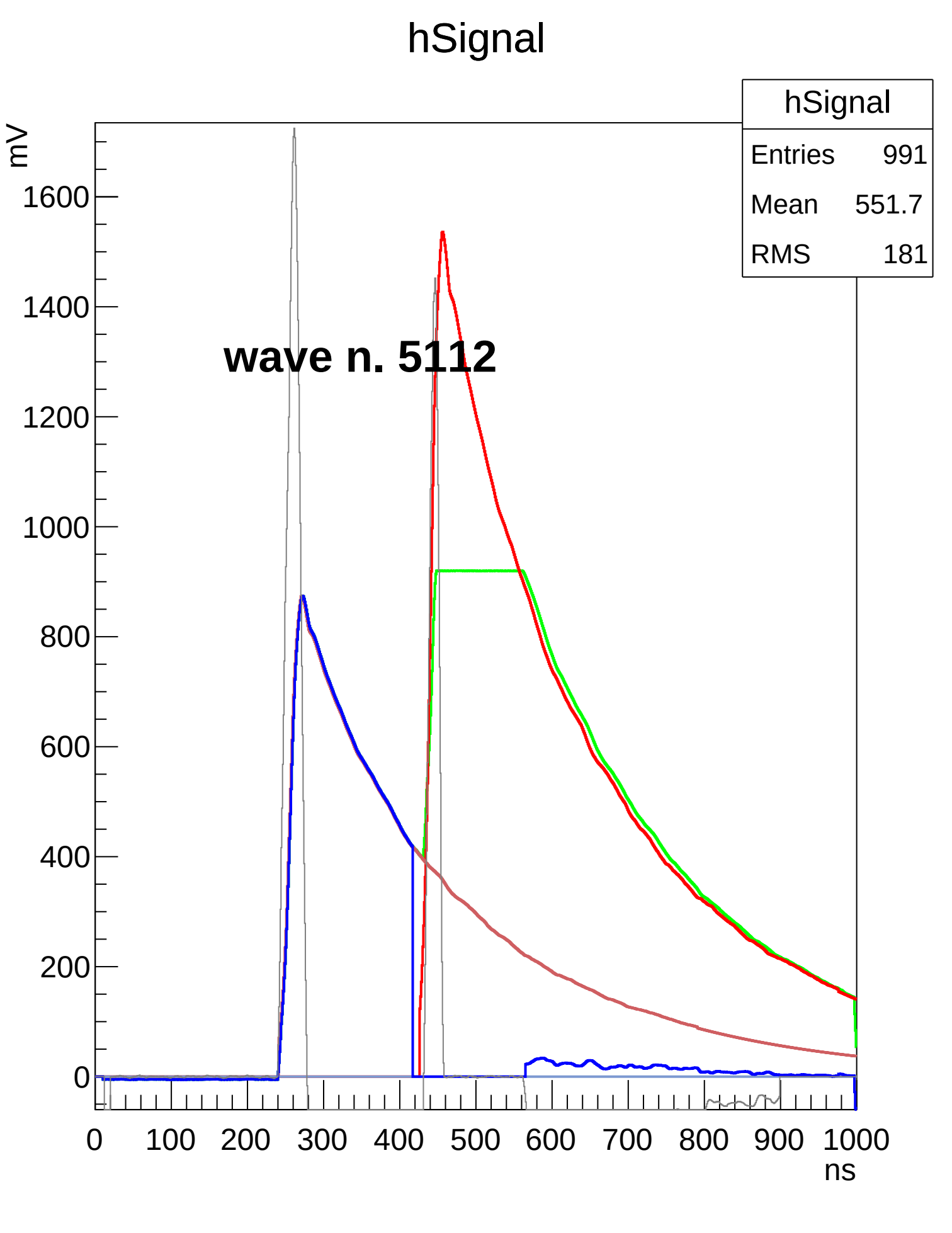
800
900
1000
ns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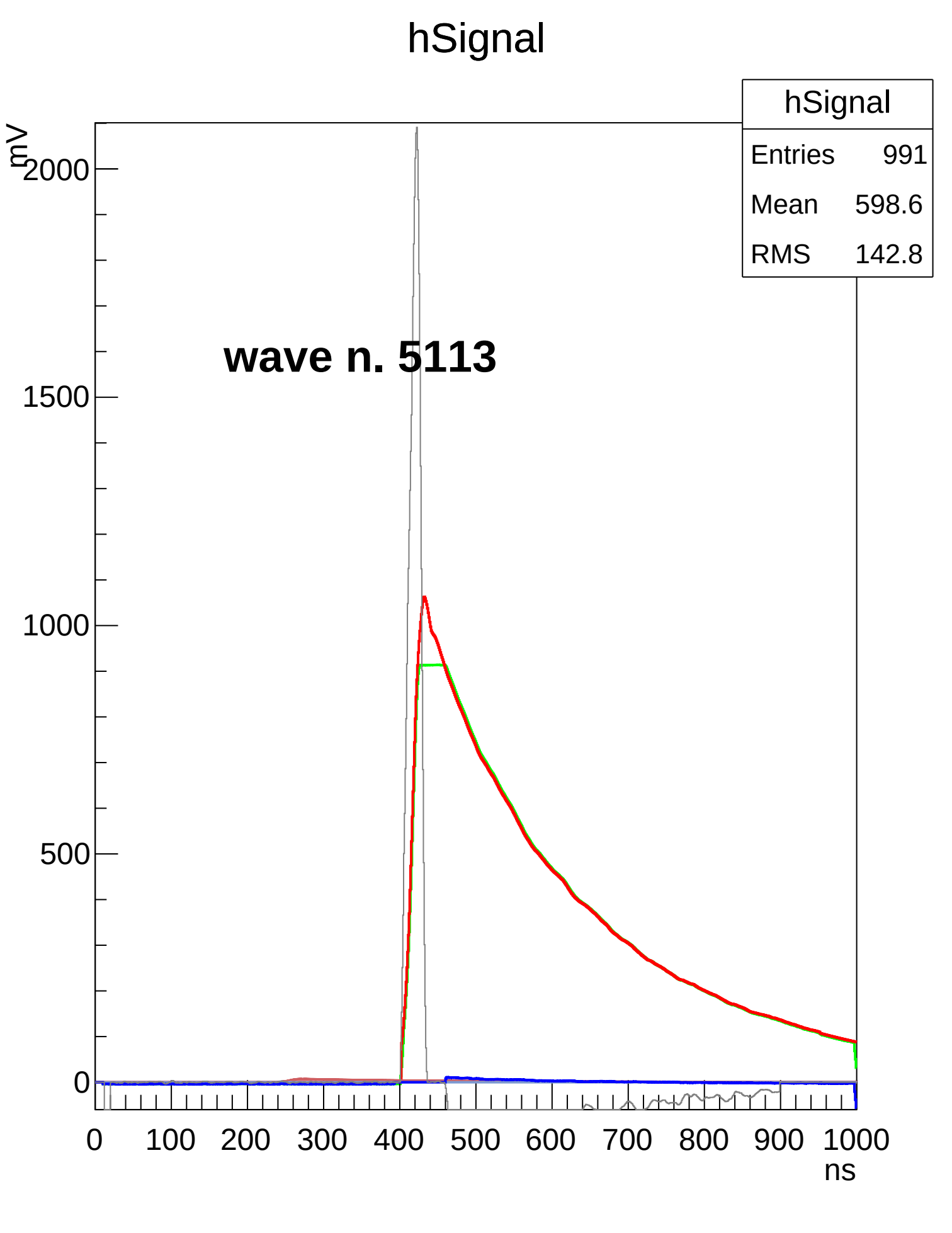
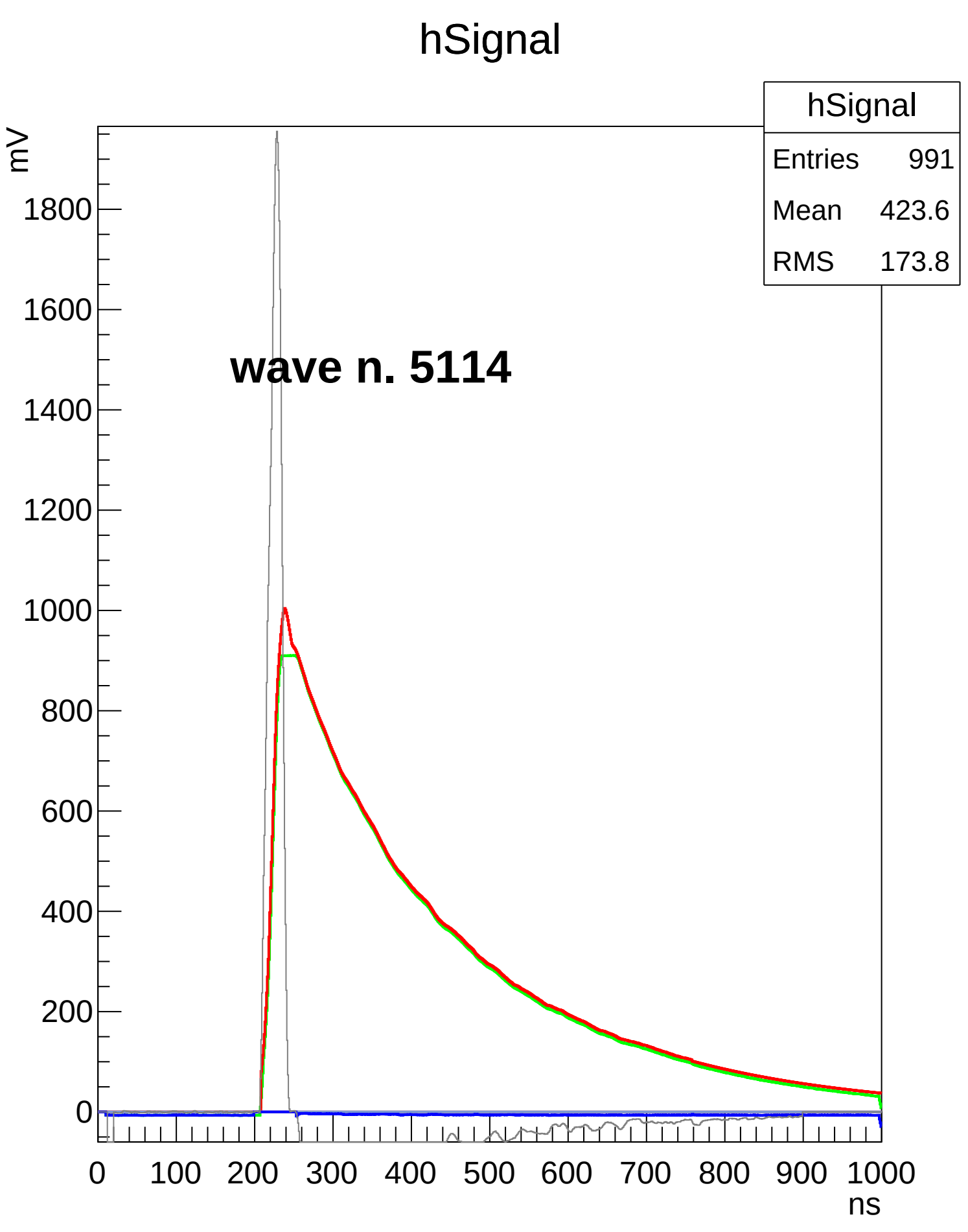
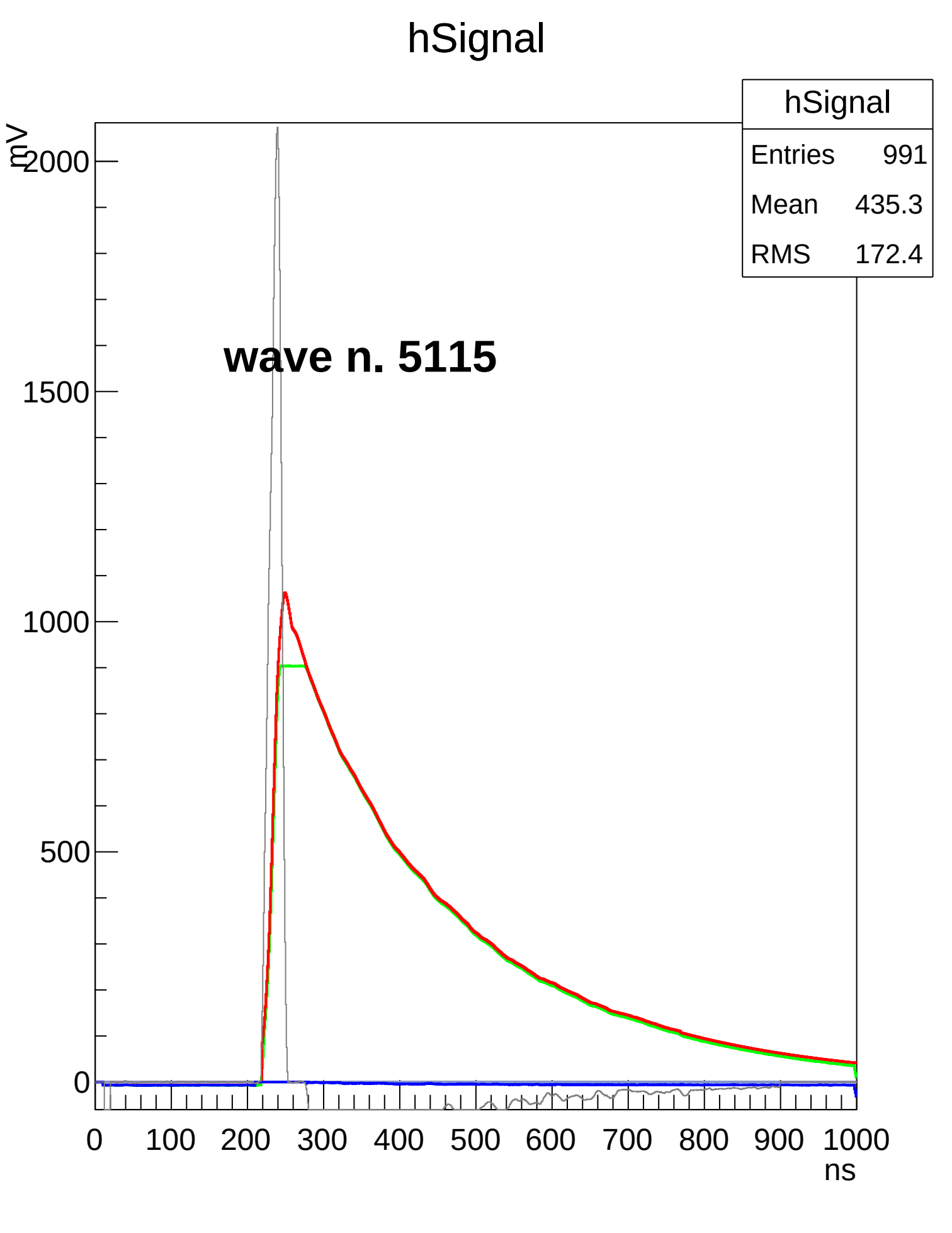
hSignal
Entries 991
Mean 551.7
RMS 181
wave n. 5112
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 598.6
RMS 142.8
wave n. 5113
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 423.6
RMS 173.8
wave n. 5114
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 435.3
RMS 172.4
wave n. 5115
mV
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1500
1000
500
0
0
100
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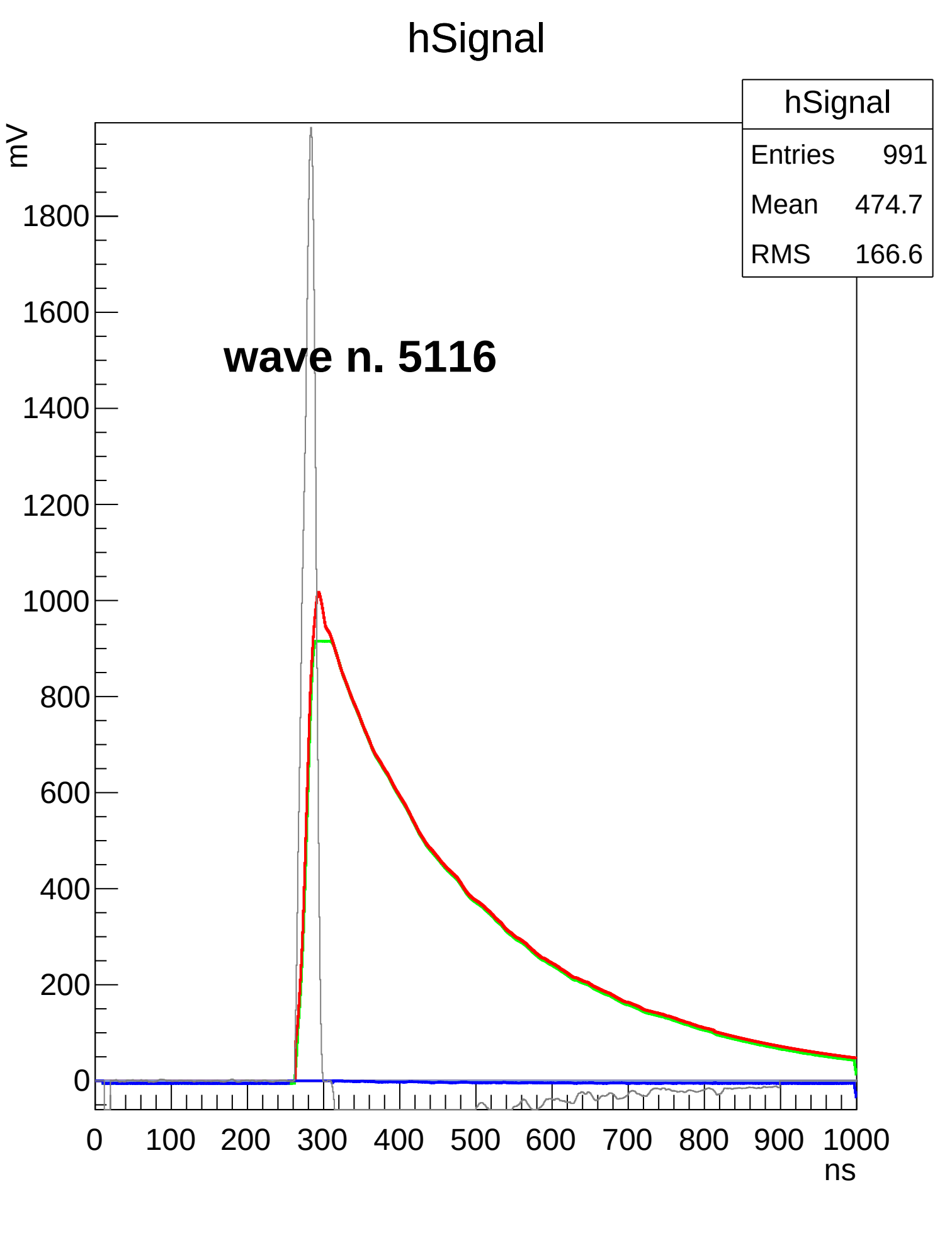
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 474.7
RMS 166.6
wave n. 5116
mV
1800
1600
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600
400
200
0
0
100
200
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400
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600
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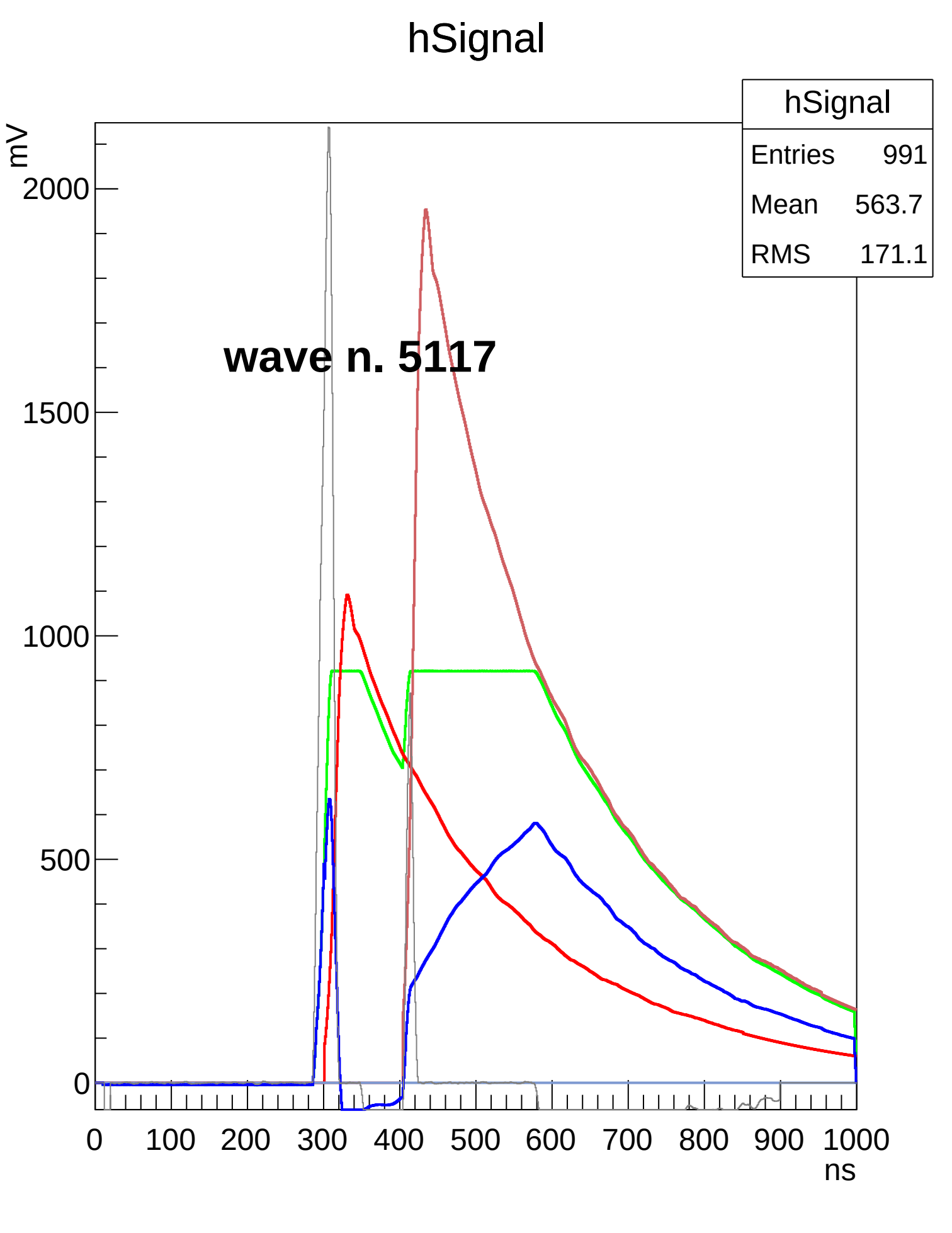
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 563.7
RMS 171.1
wave n. 5117
mV
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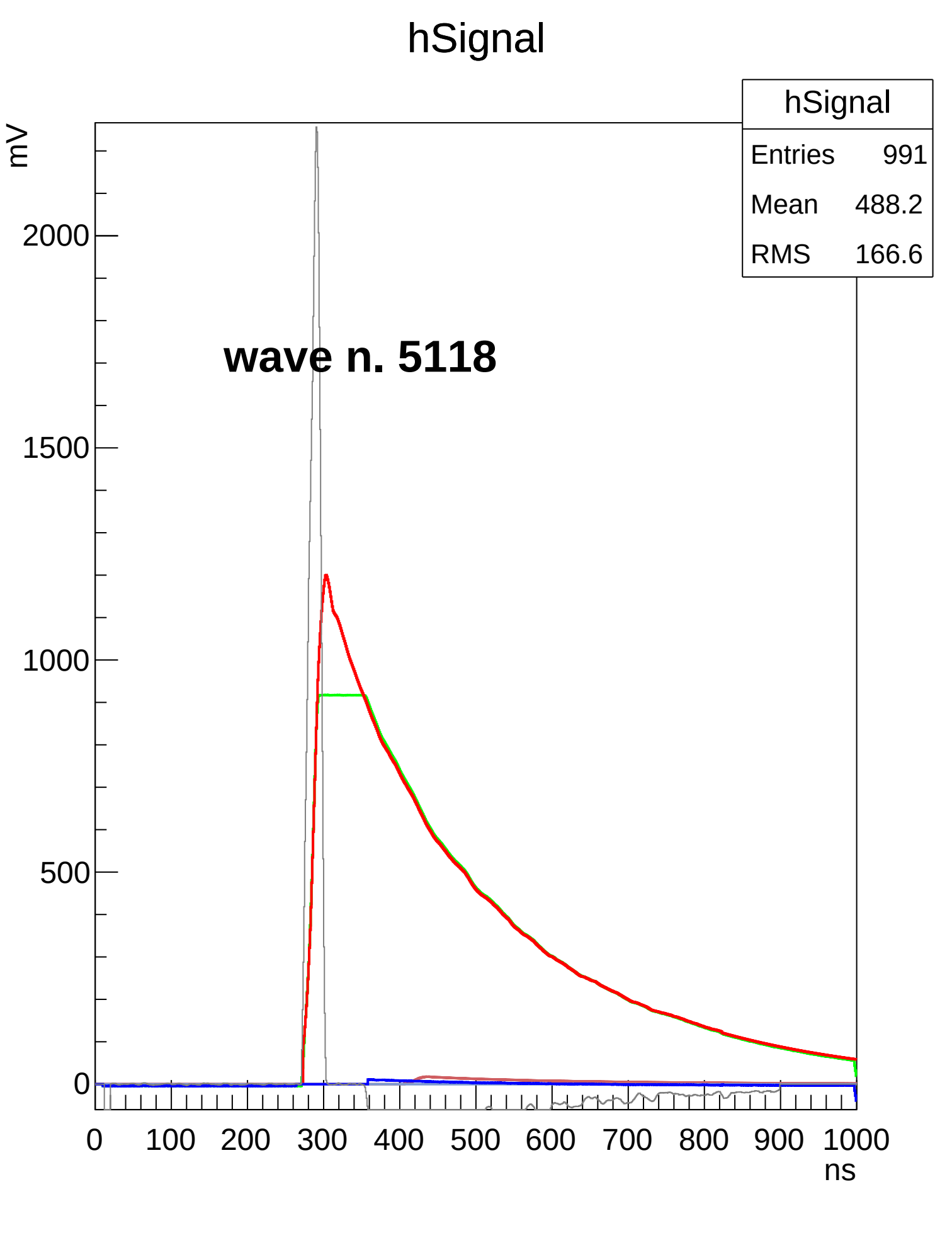
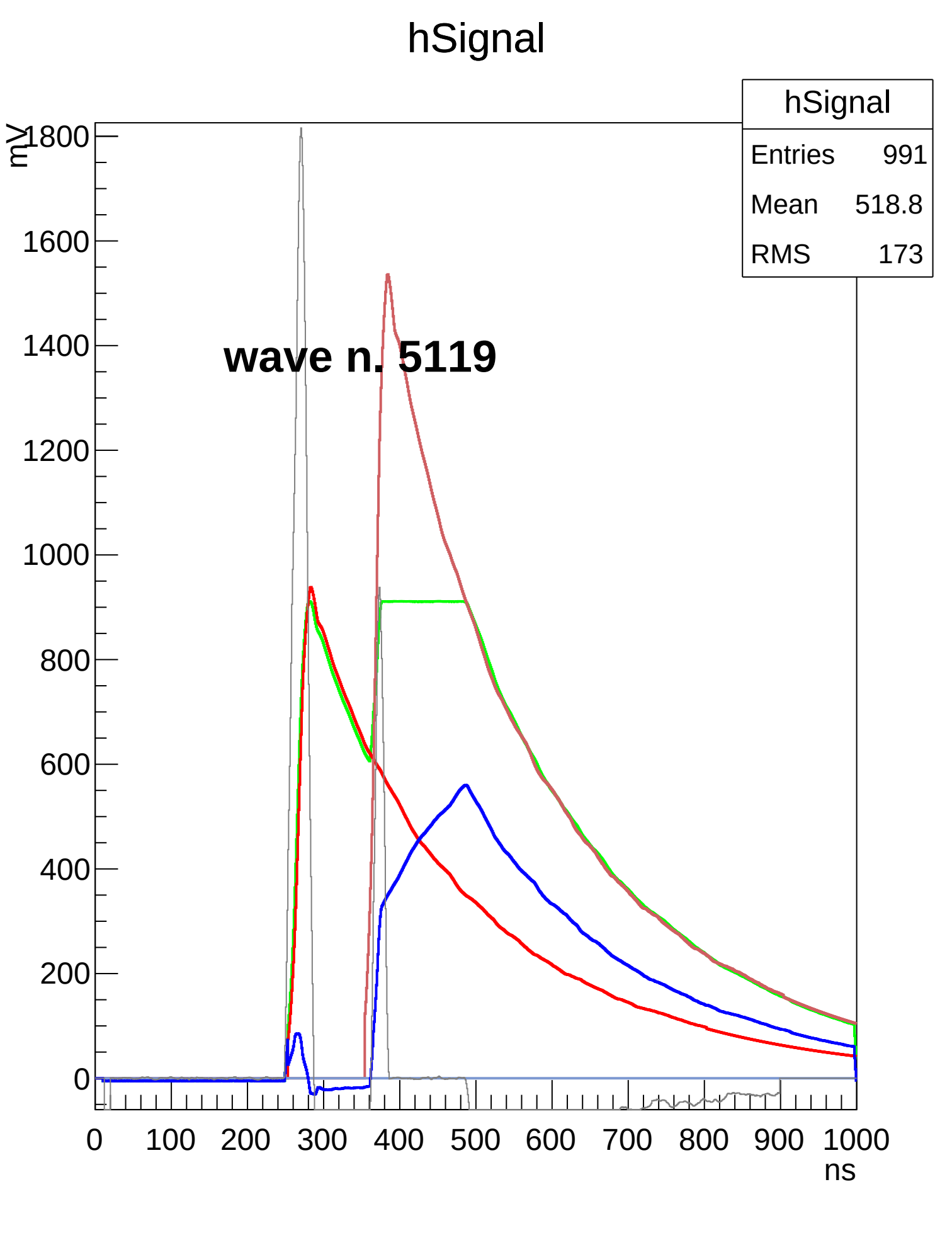
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 488.2
RMS 166.6
wave n. 5118
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.8
RMS 173
wave n. 5119
mV
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1600
1400
1200
1000
800
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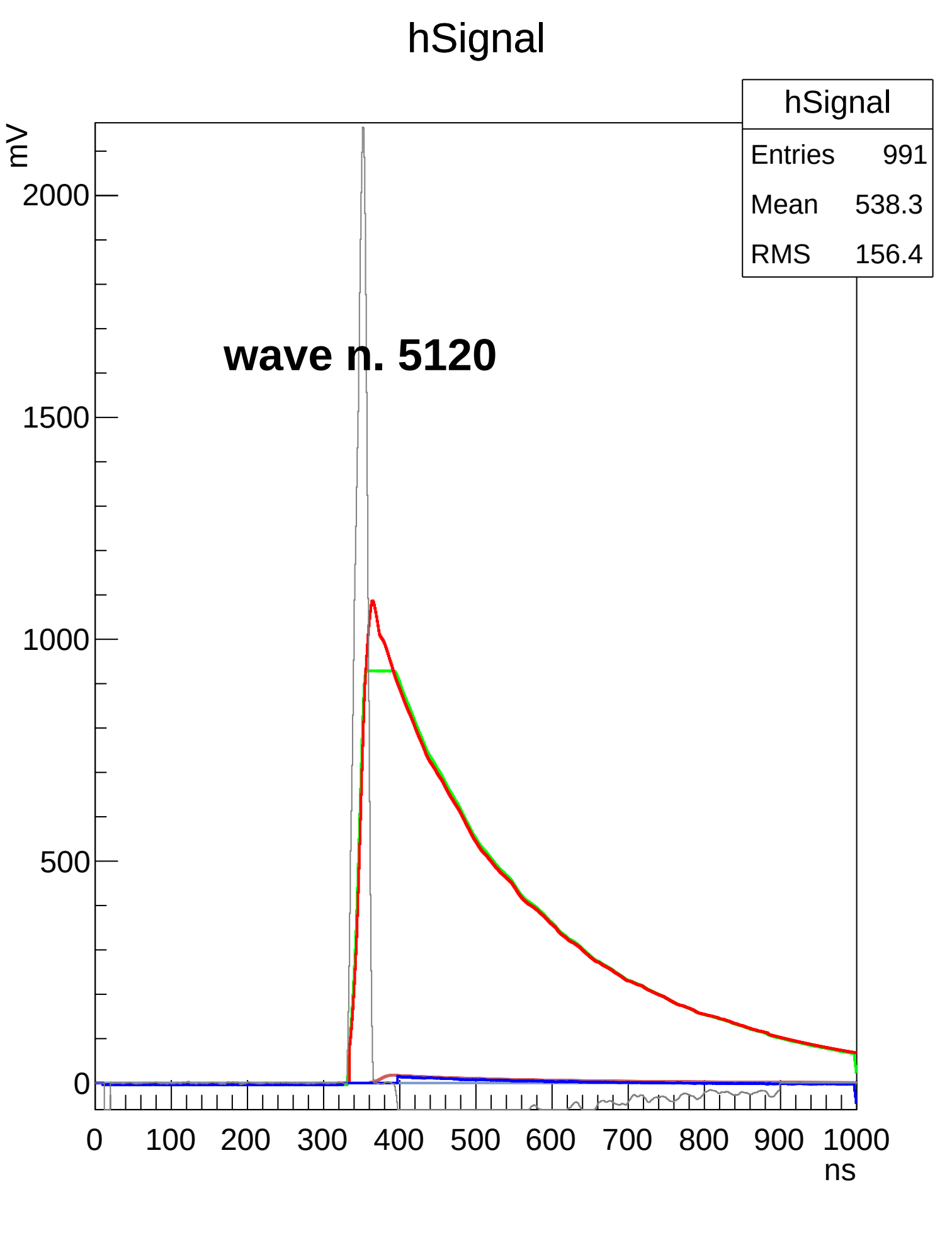
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 538.3
RMS 156.4
wave n. 5120
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1000
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400
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800
900
1000
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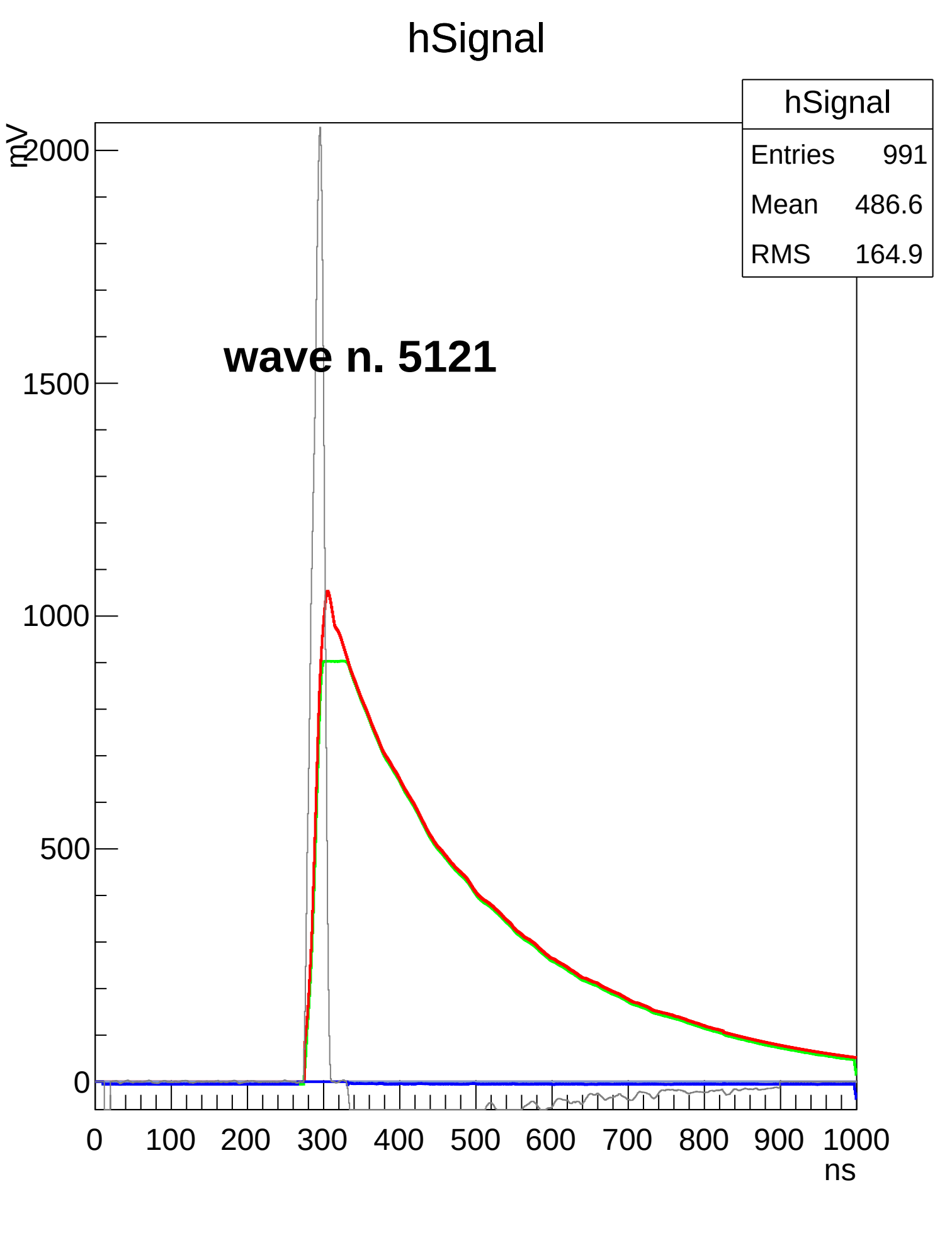
hSignal
hSignal
Entries 991
Mean 486.6
RMS 164.9
wave n. 5121
mV
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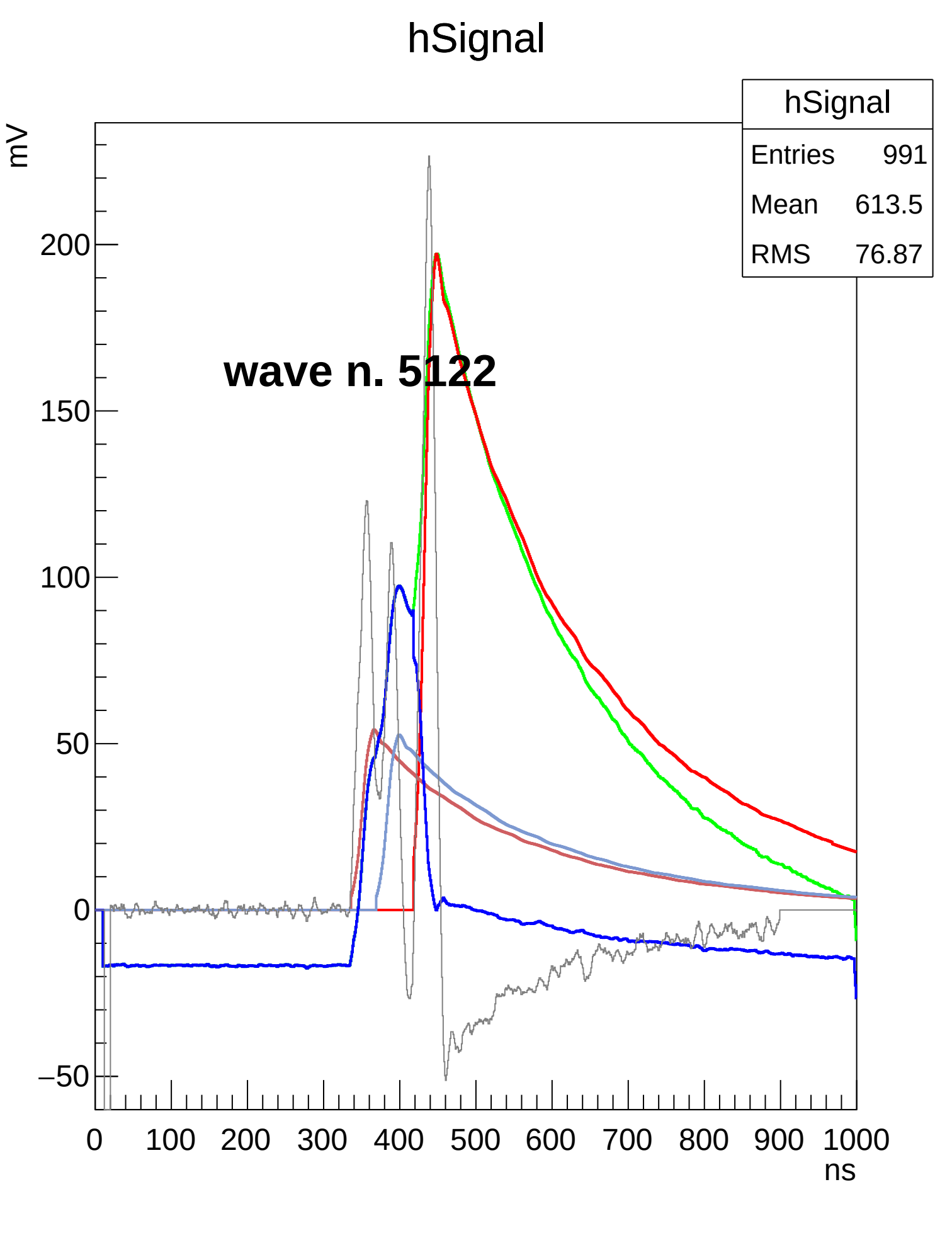
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 613.5
RMS 76.87
wave n. 5122
mV
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50
0
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0
100
200
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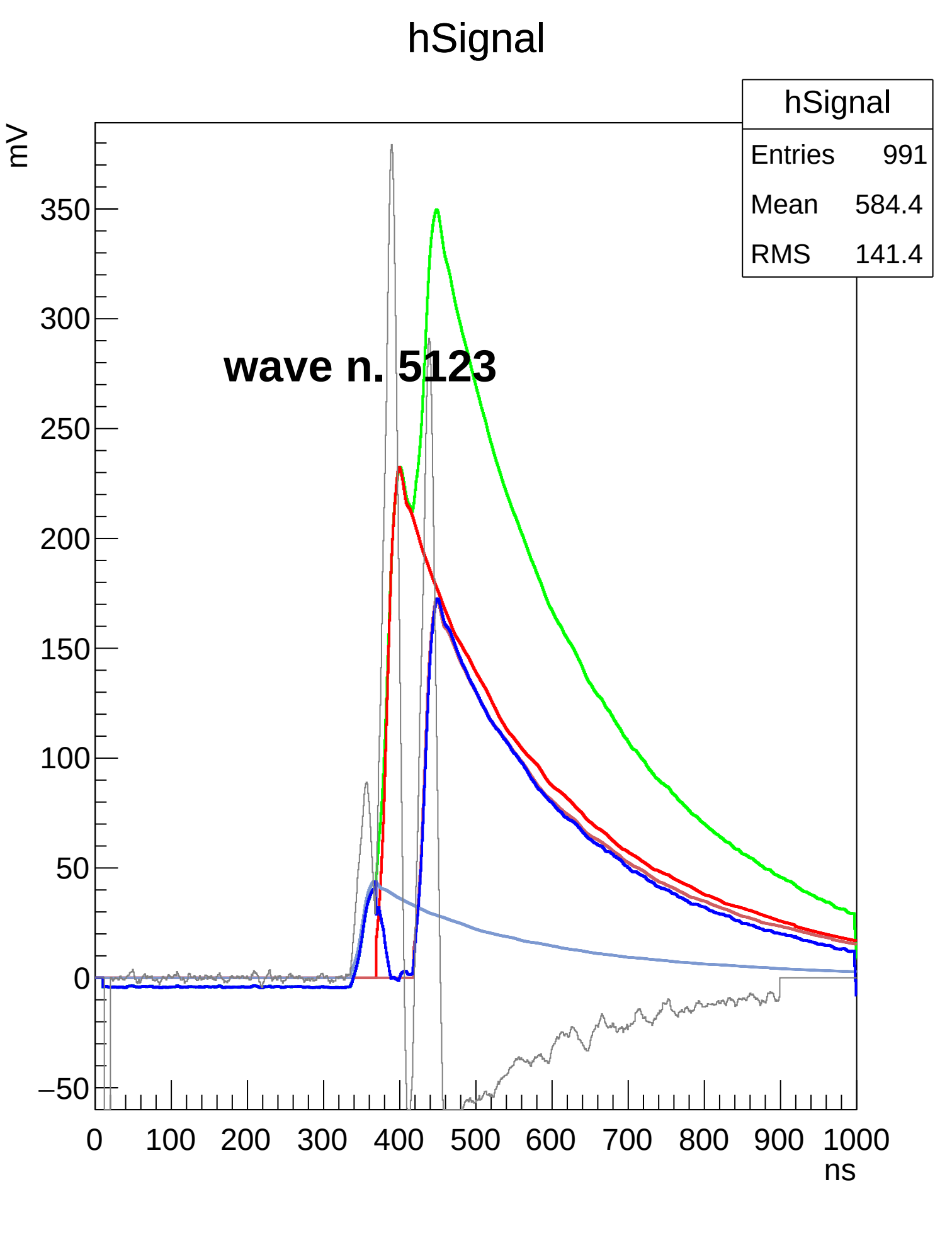
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 584.4
RMS 141.4
wave n. 5123
mV
350
300
250
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100
50
0
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0
100
200
300
400
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800
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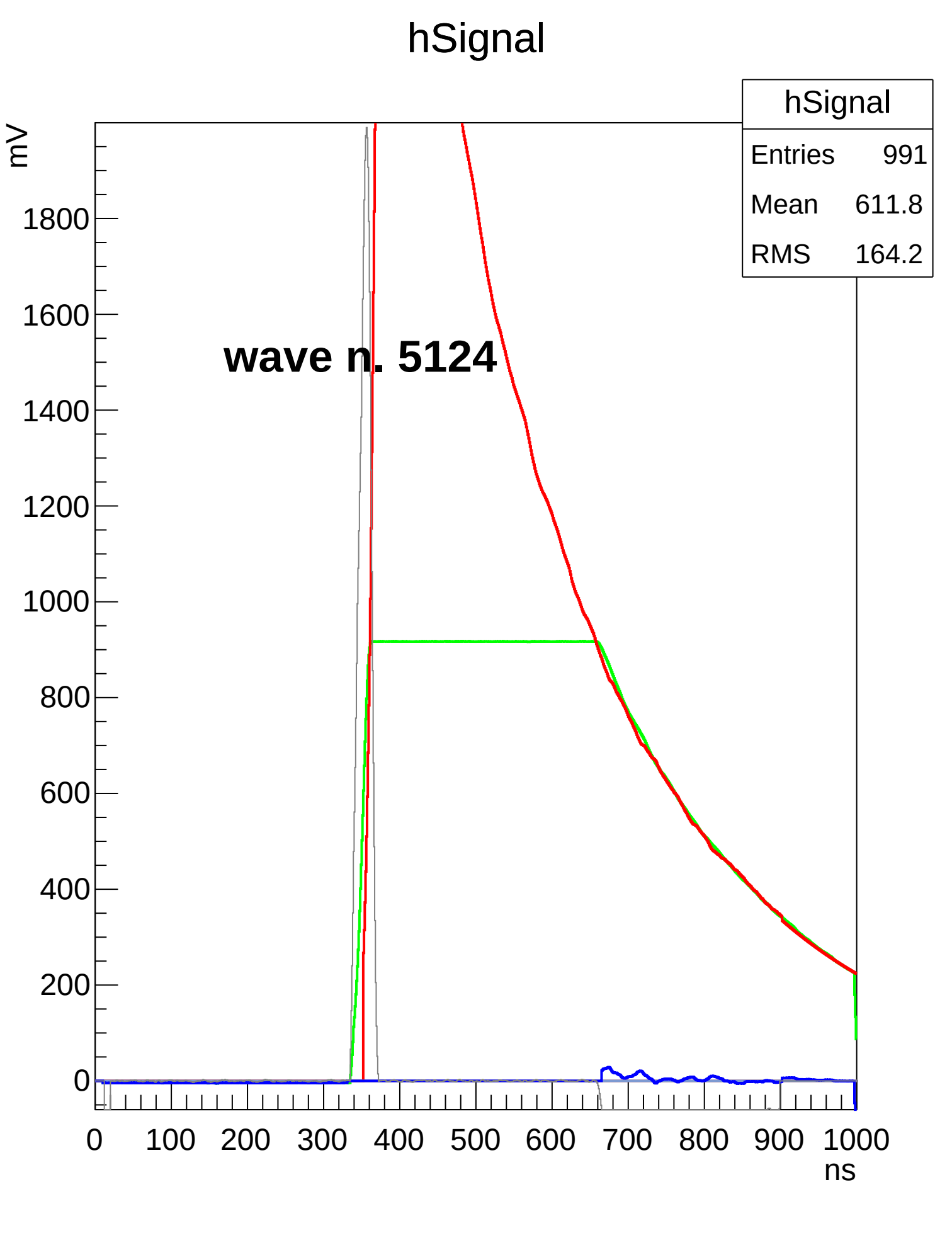
1000
ns


hSignal
hSignal
Entries 991
Mean 611.8
RMS 164.2
wave n. 5124
mV
1800
1600
1400
1200
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600
400
200
0
0
100
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400
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1000
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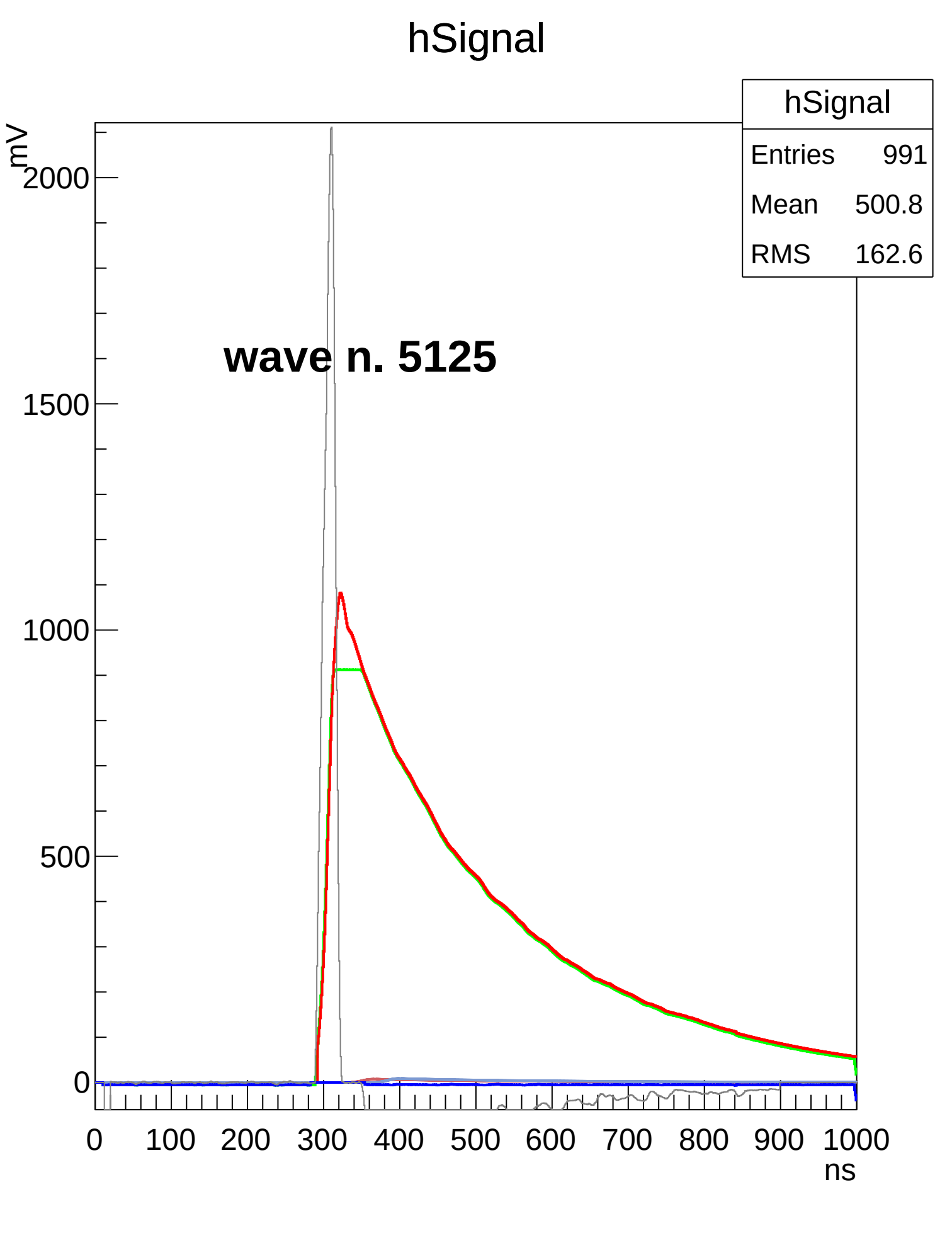
hSignal
hSignal
Entries 991
Mean 500.8
RMS 162.6
wave n. 5125
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500
0
0
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400
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800
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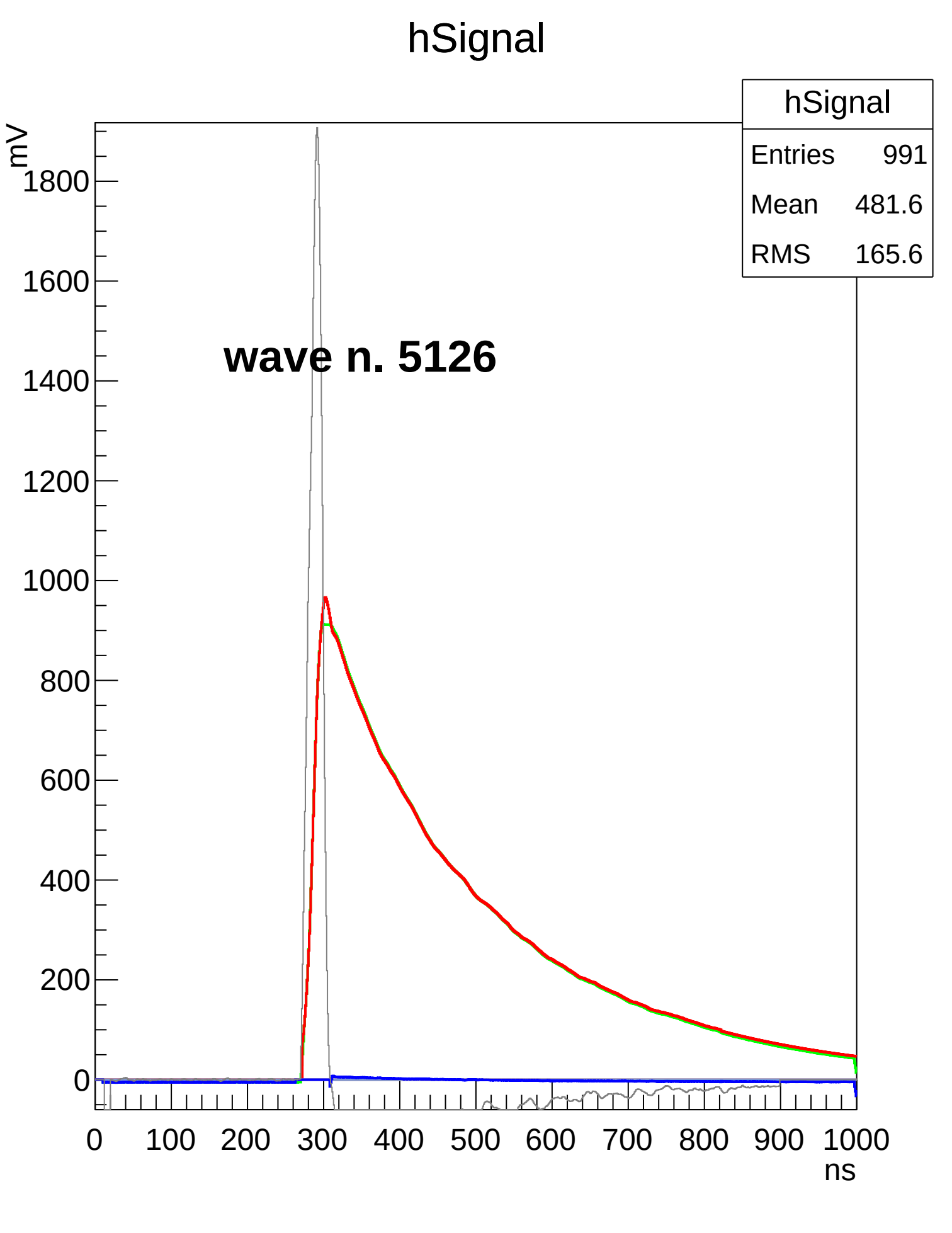
1000
ns


hSignal
hSignal
Entries 991
Mean 481.6
RMS 165.6
wave n. 5126
mV
1800
1600
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400
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0
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1000
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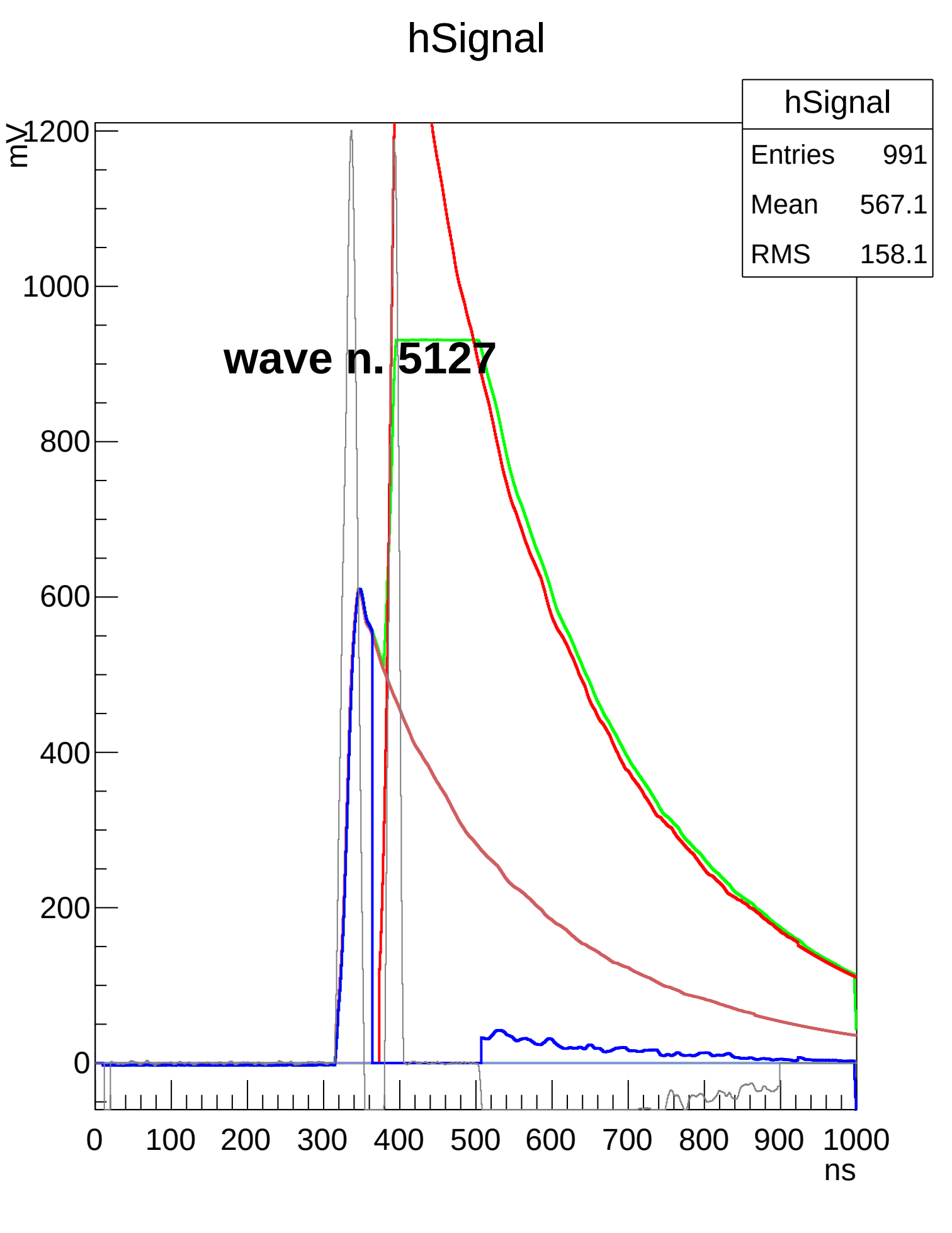
hSignal
hSignal
Entries 991
Mean 567.1
RMS 158.1
wave n. 5127
mV
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1000
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600
400
200
0
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200
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400
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1000
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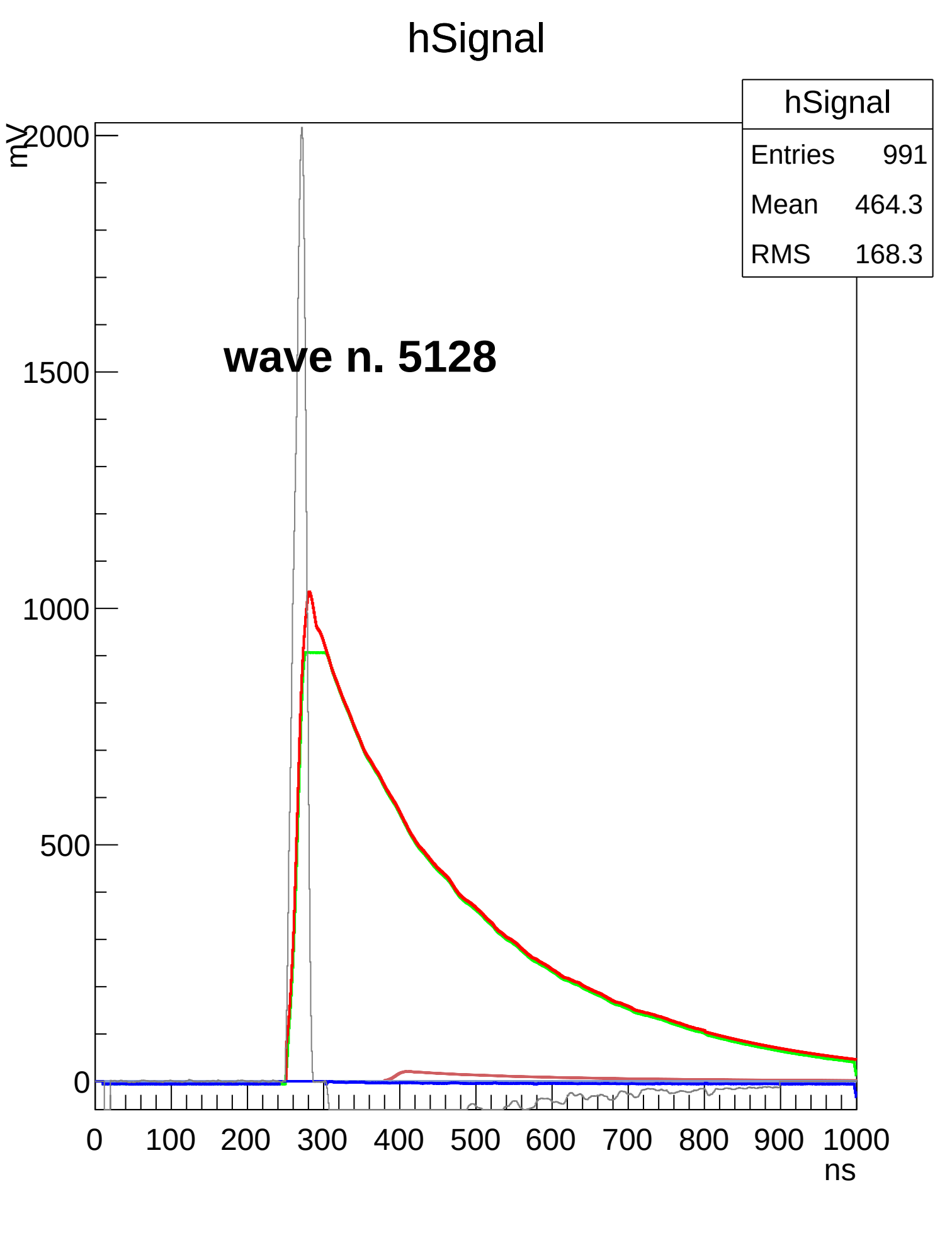
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hSignal
Entries 991
Mean 464.3
RMS 168.3
wave n. 5128
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1500
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500
0
0
100
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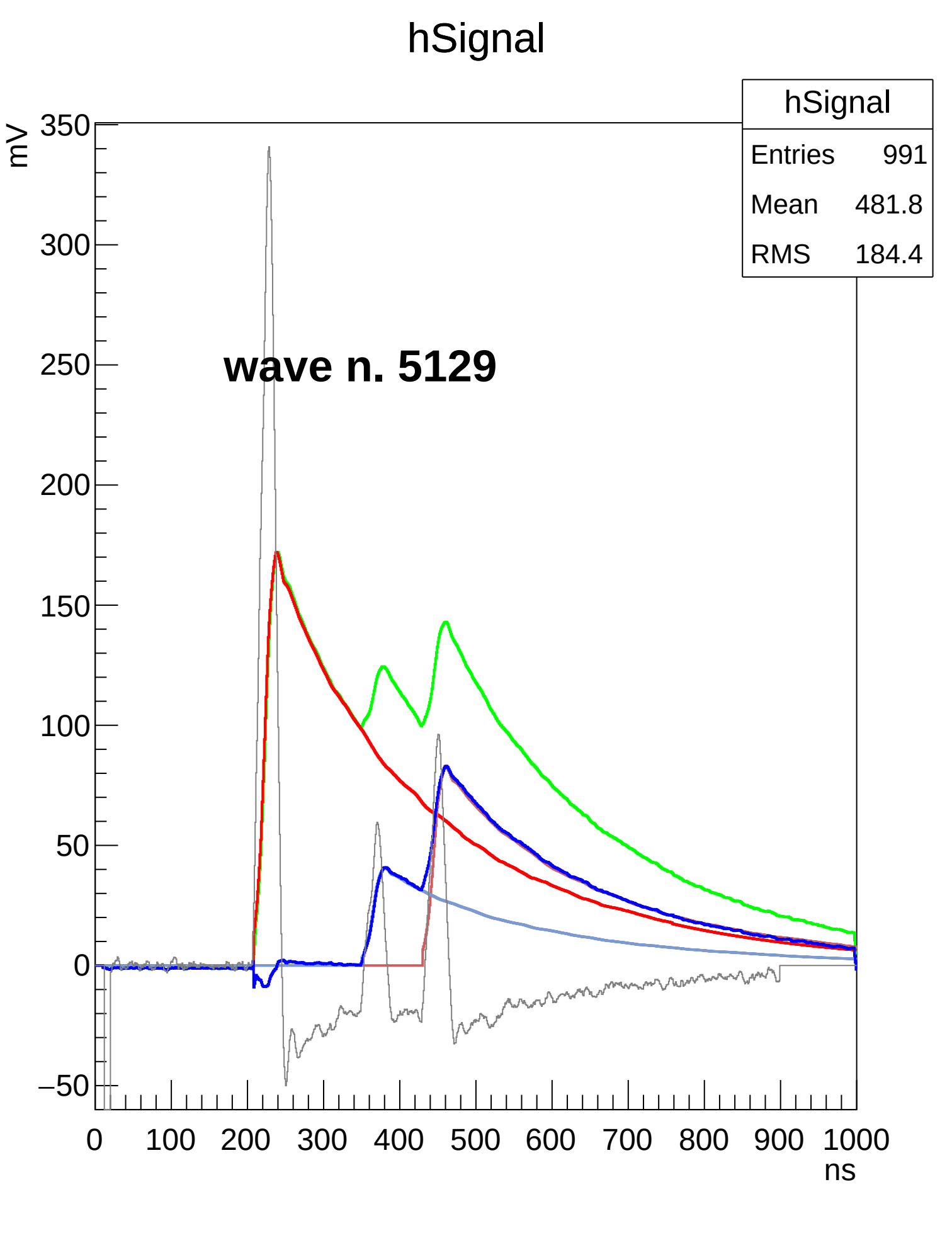
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481.8
RMS 184.4
wave n. 5129
mV
350
300
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200
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100
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0
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0
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200
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400
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800
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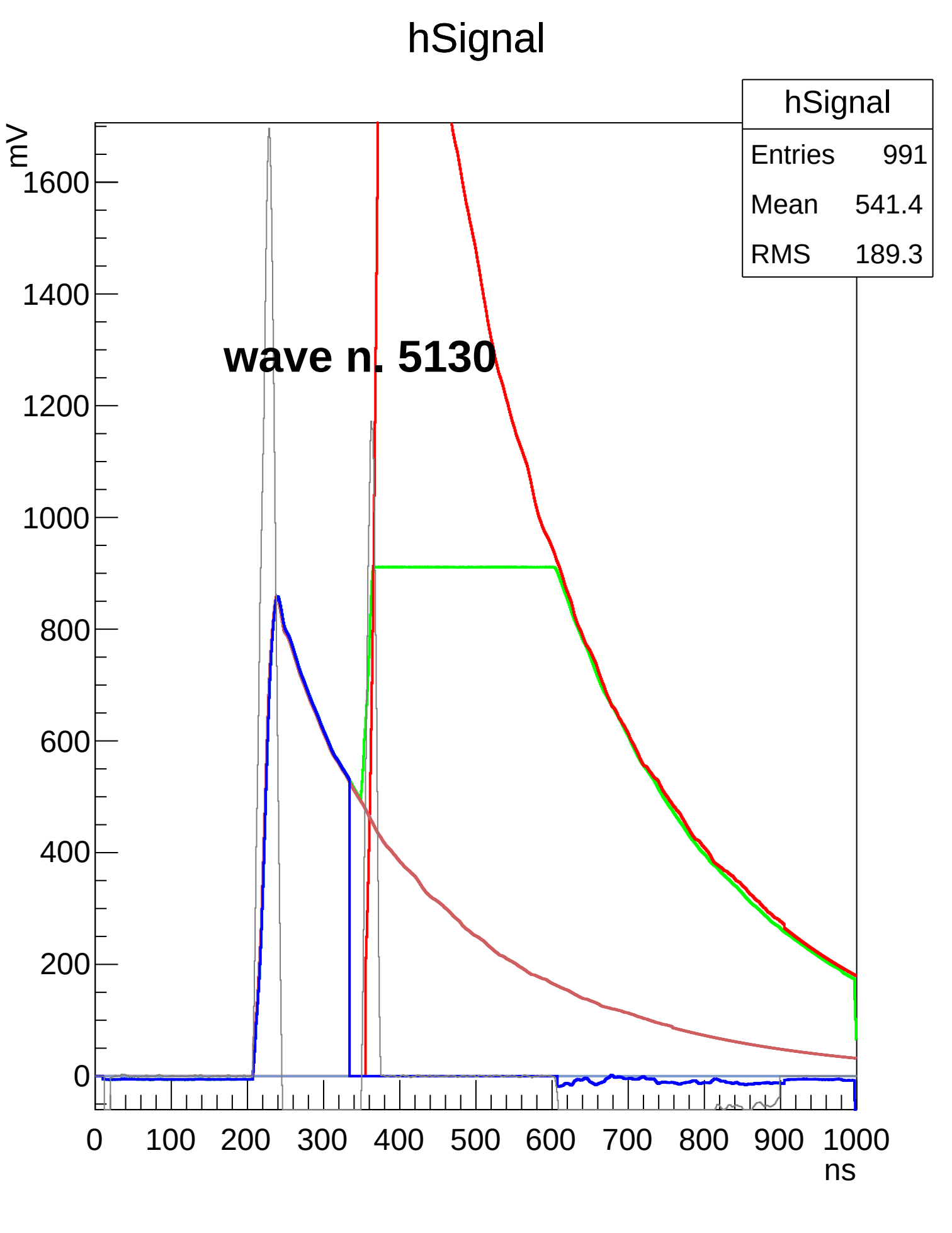
1000
ns


hSignal
hSignal
Entries 991
Mean 541.4
RMS 189.3
wave n. 5130
mV
1600
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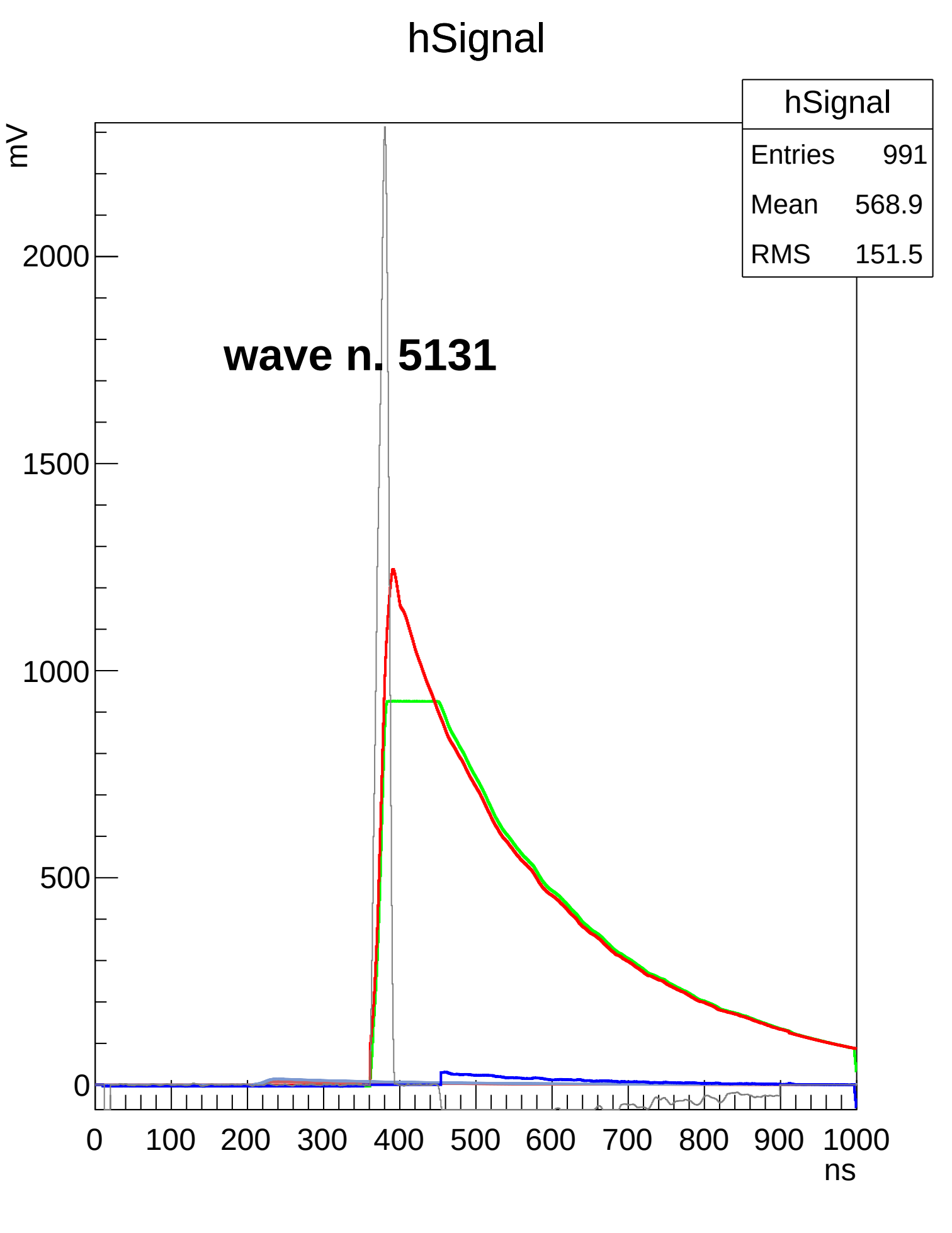
hSignal
hSignal
Entries 991
Mean 568.9
RMS 151.5
wave n. 5131
mV
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1500
1000
500
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0
100
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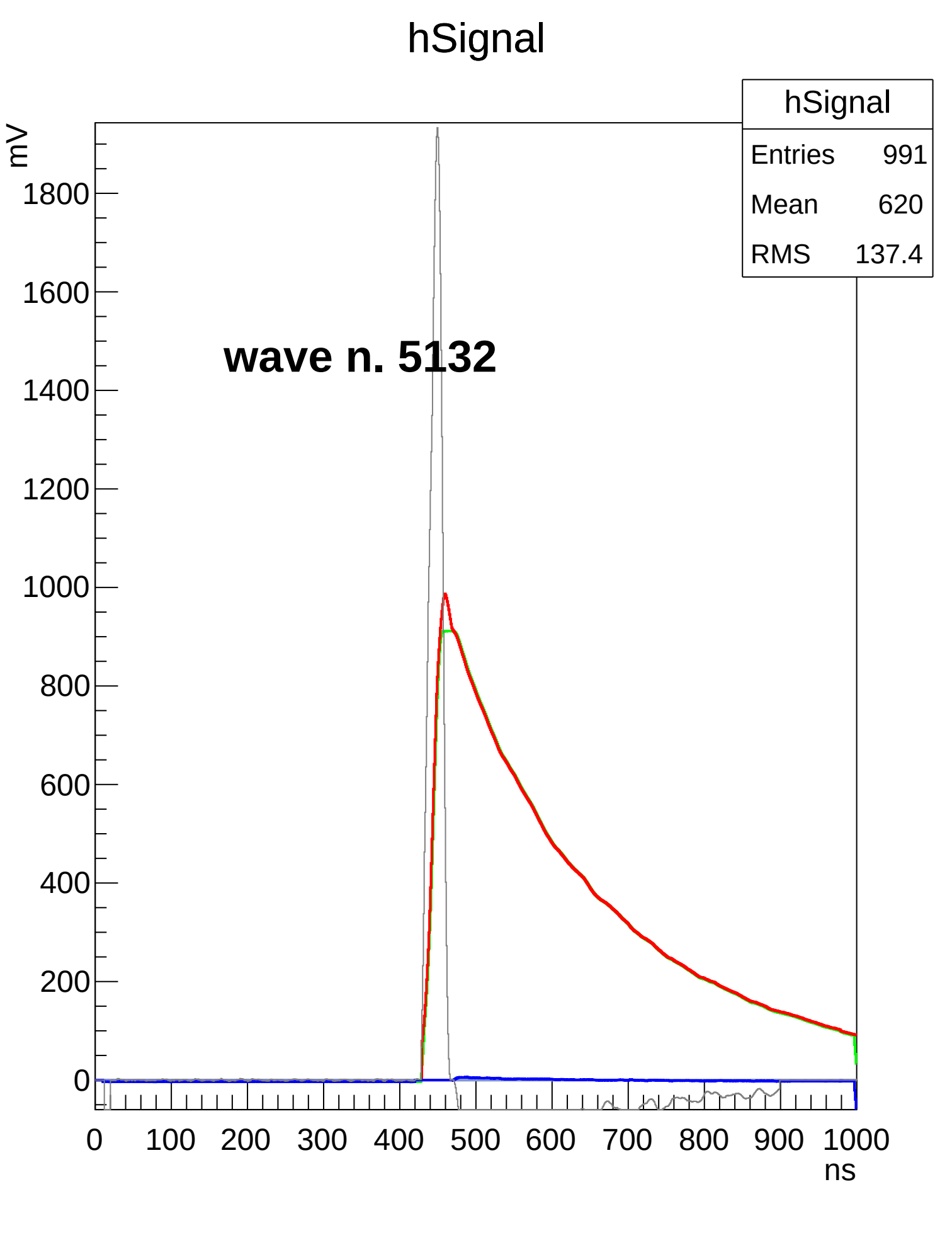
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 620
RMS 137.4
wave n. 5132
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1600
1400
1200
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200
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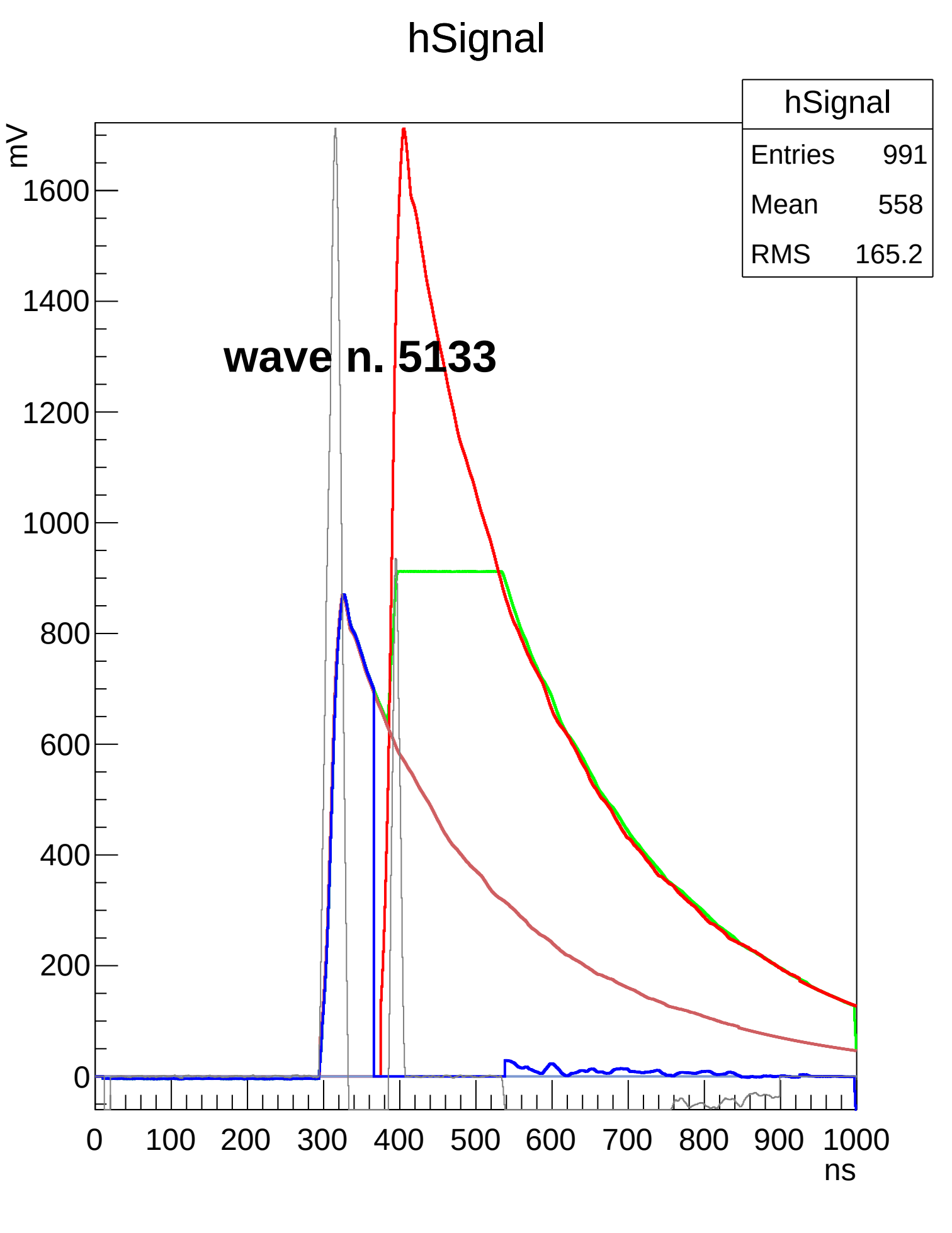
ns


hSignal
hSignal
Entries 991
Mean 558
RMS 165.2
wave n. 5133
mV
1600
1400
1200
1000
800
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400
200
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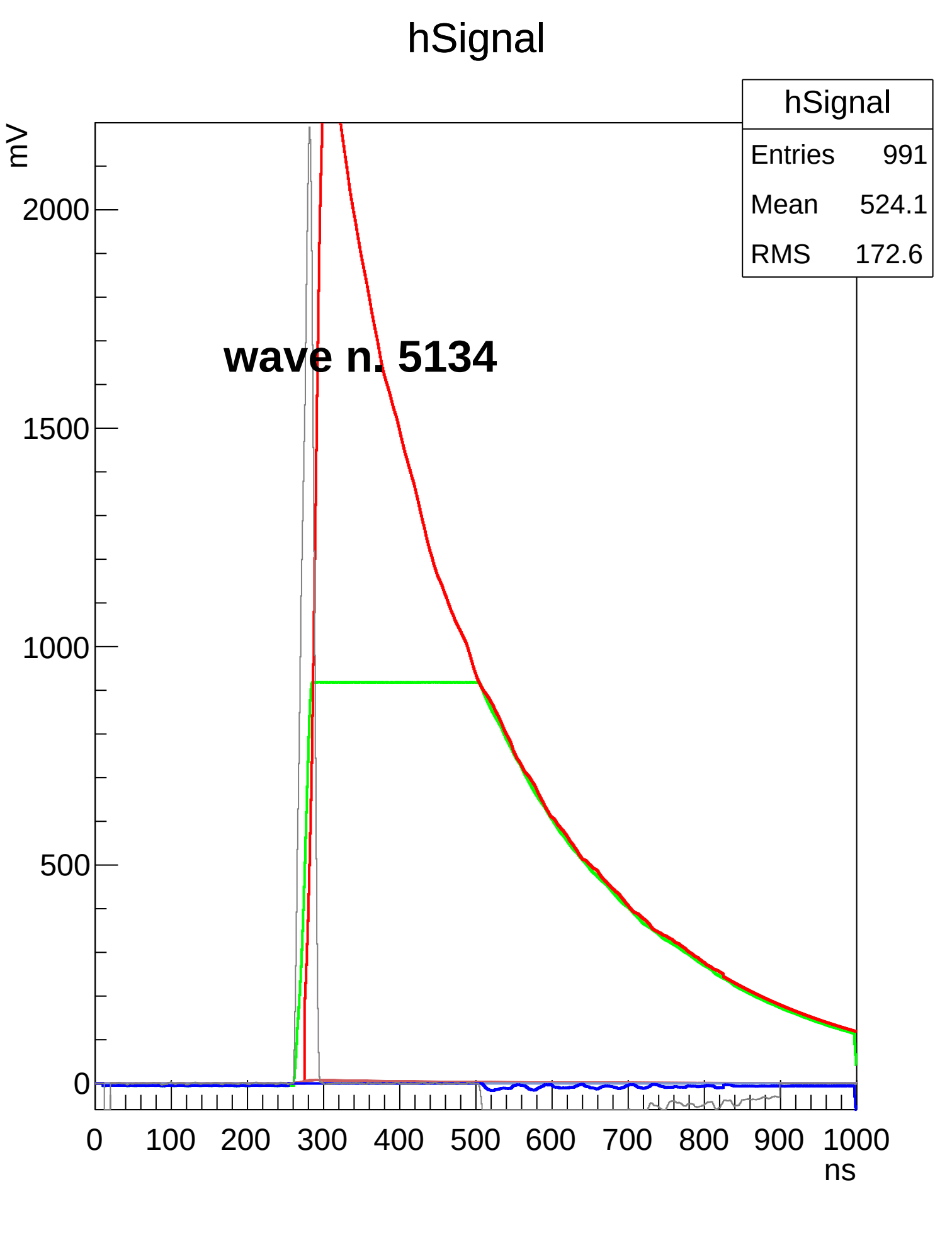
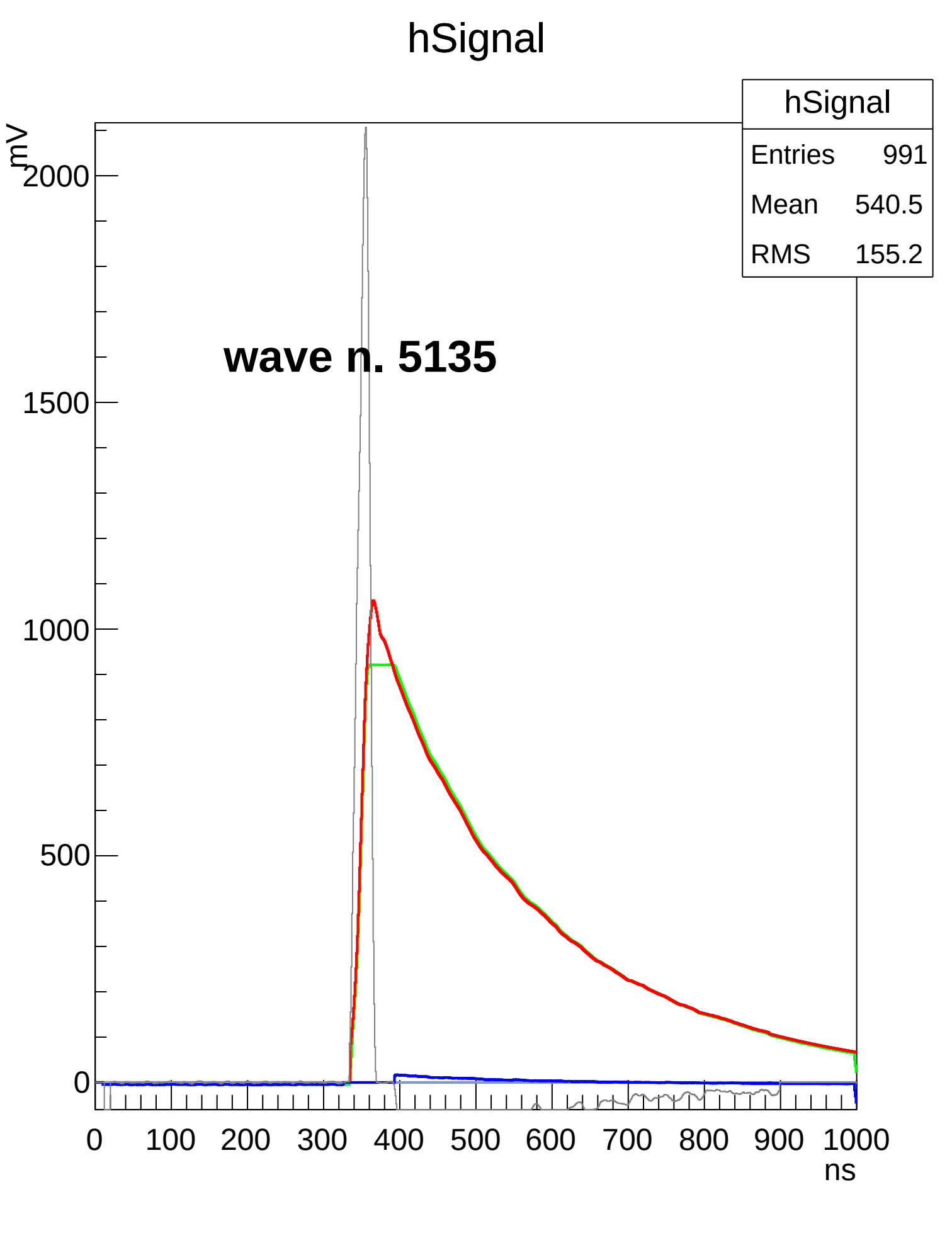
ns


hSignal
hSignal
Entries 991
Mean 524.1
RMS 172.6
wave n. 5134
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 540.5
RMS 155.2
wave n. 5135
mV
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1500
1000
500
0
0
100
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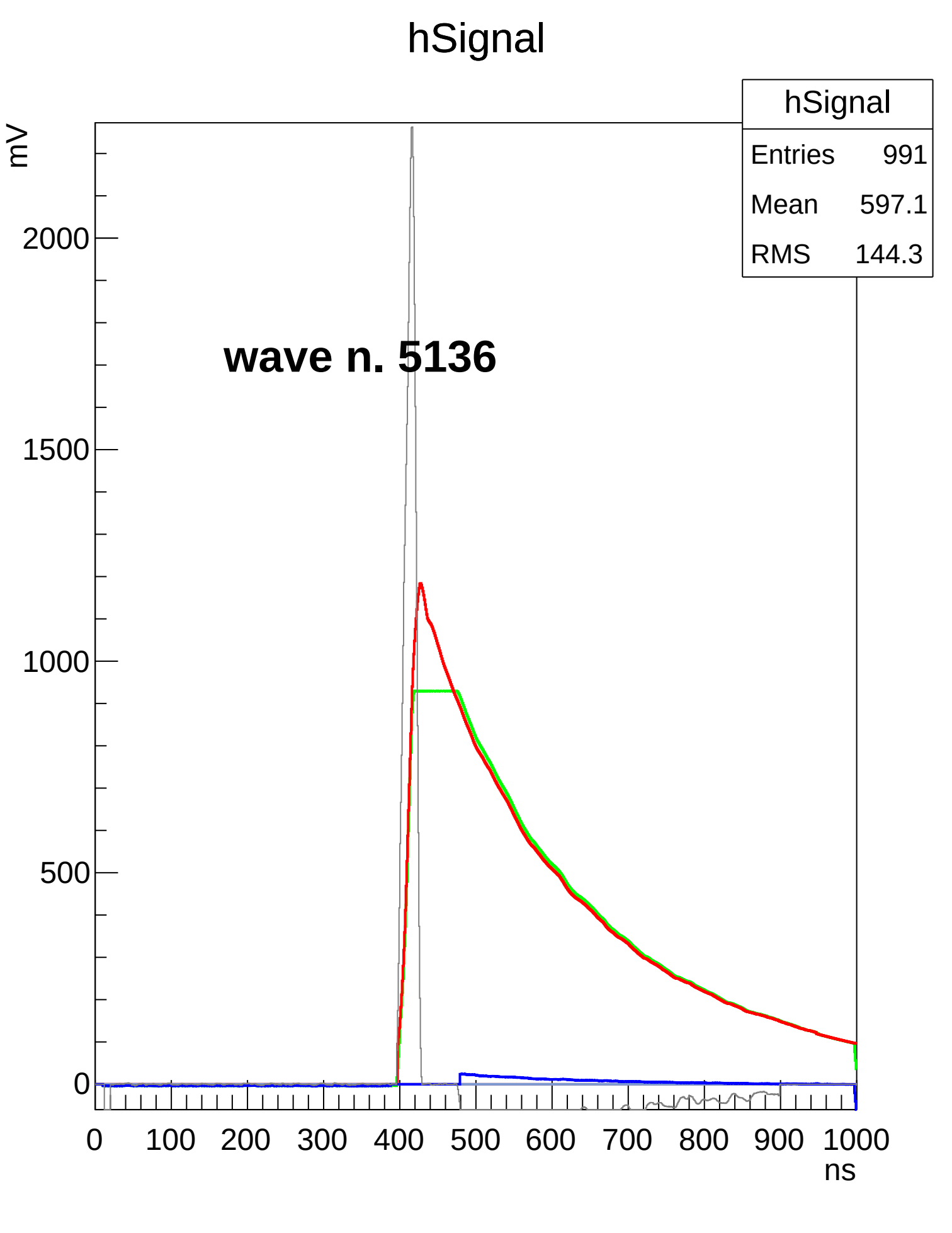
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597.1
RMS 144.3
wave n. 5136
mV
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1500
1000
500
0
0
100
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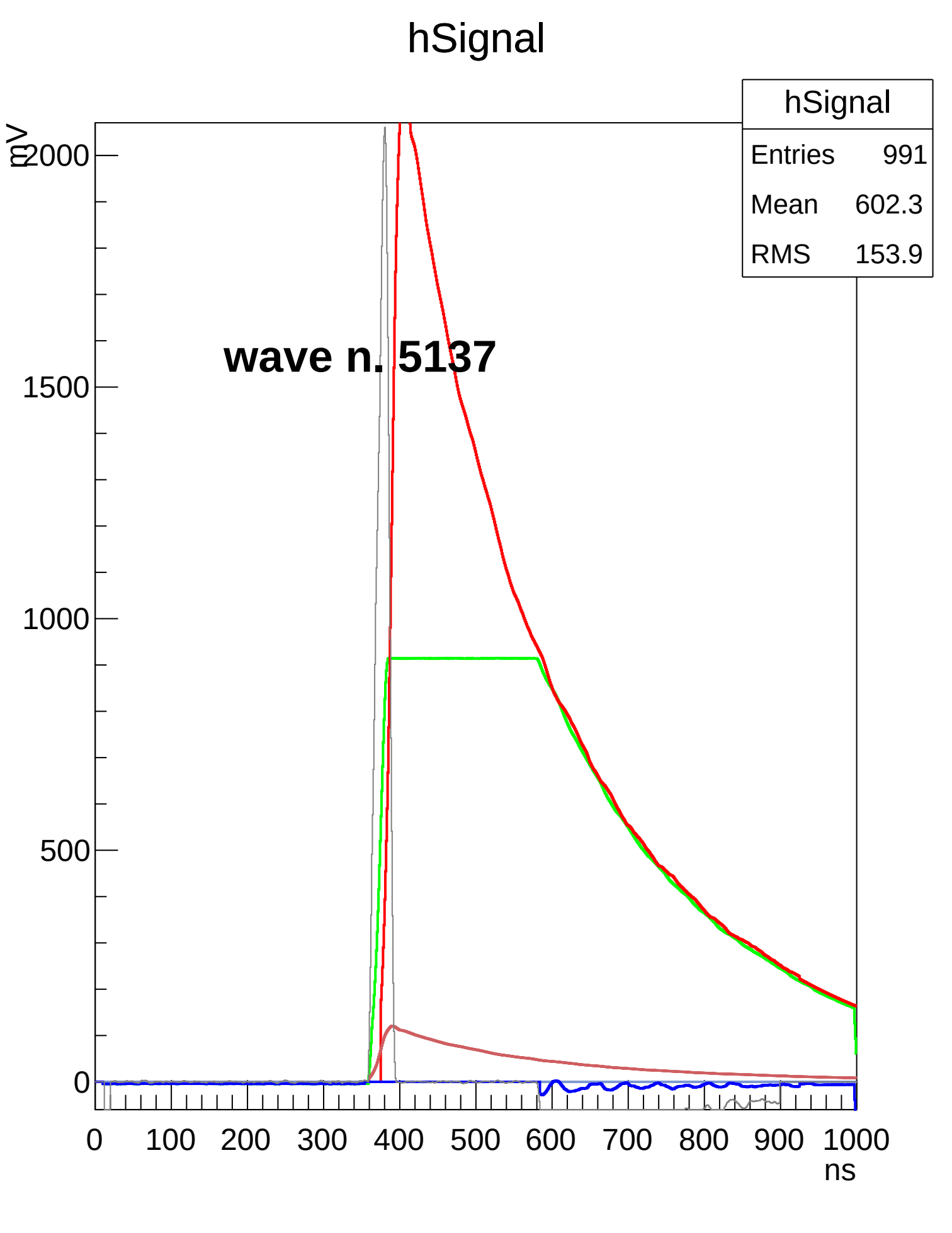
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 602.3
RMS 153.9
wave n. 5137
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200
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400
500
600
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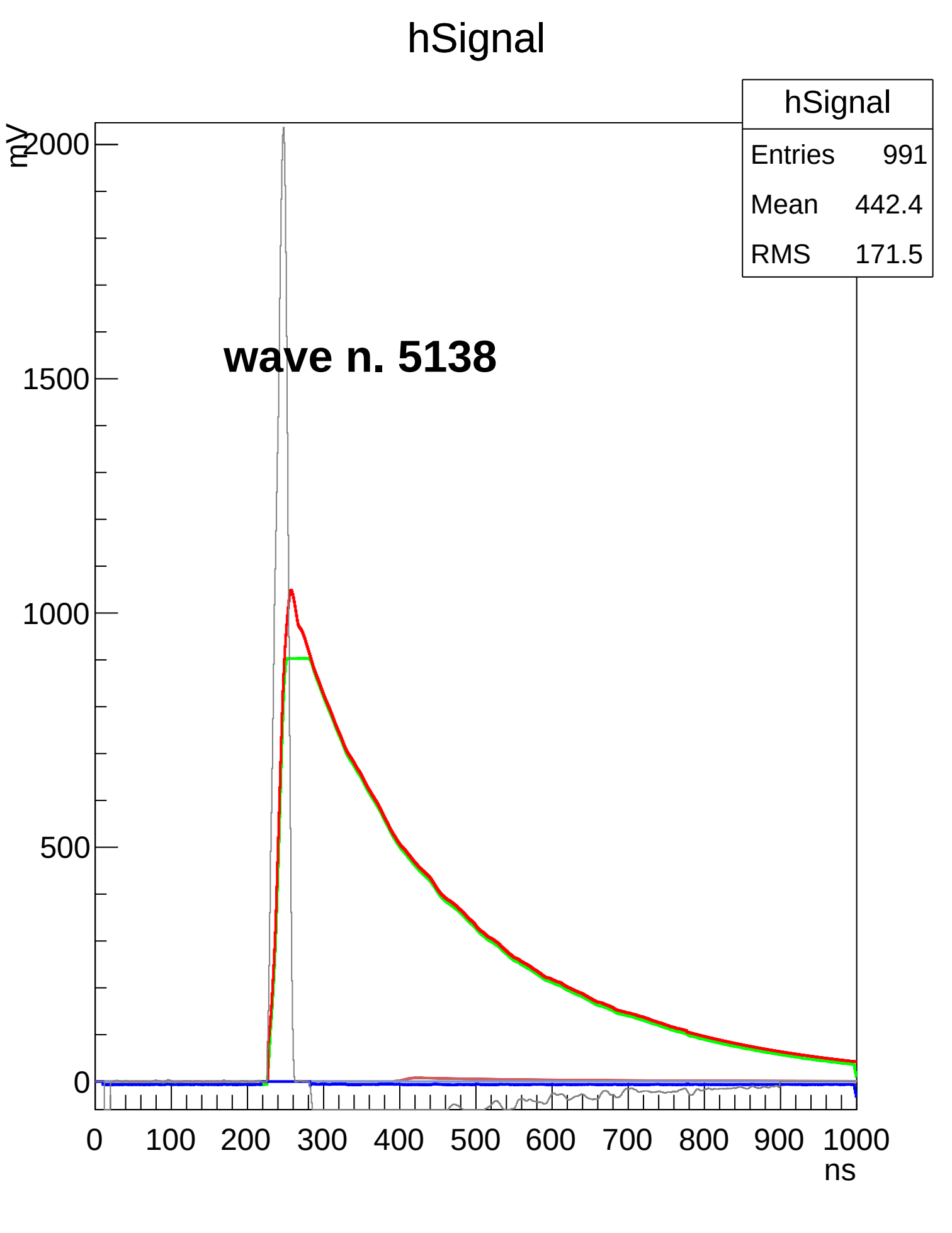
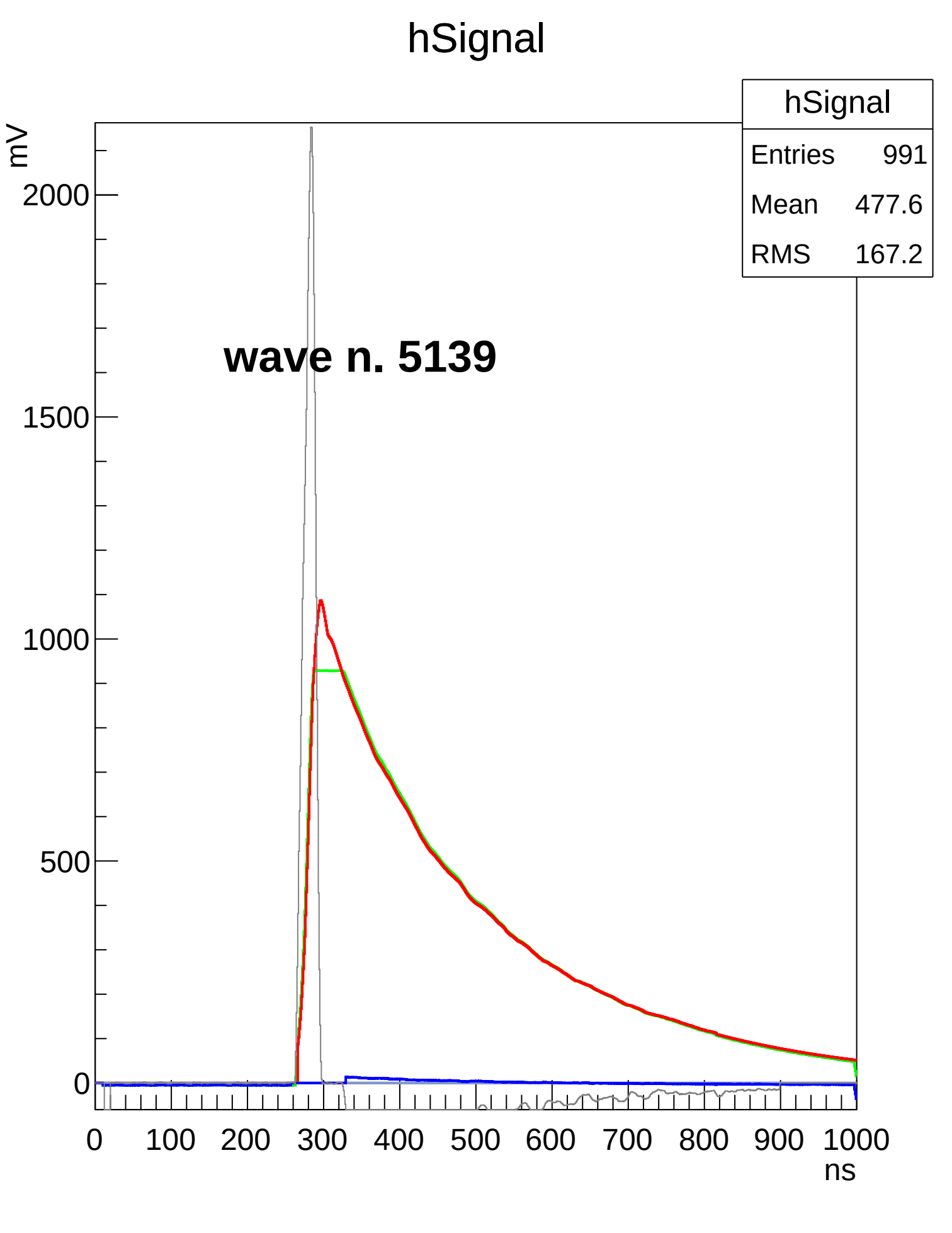
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 442.4
RMS 171.5
wave n. 5138
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 477.6
RMS 167.2
wave n. 5139
mV
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1500
1000
500
0
0
100
200
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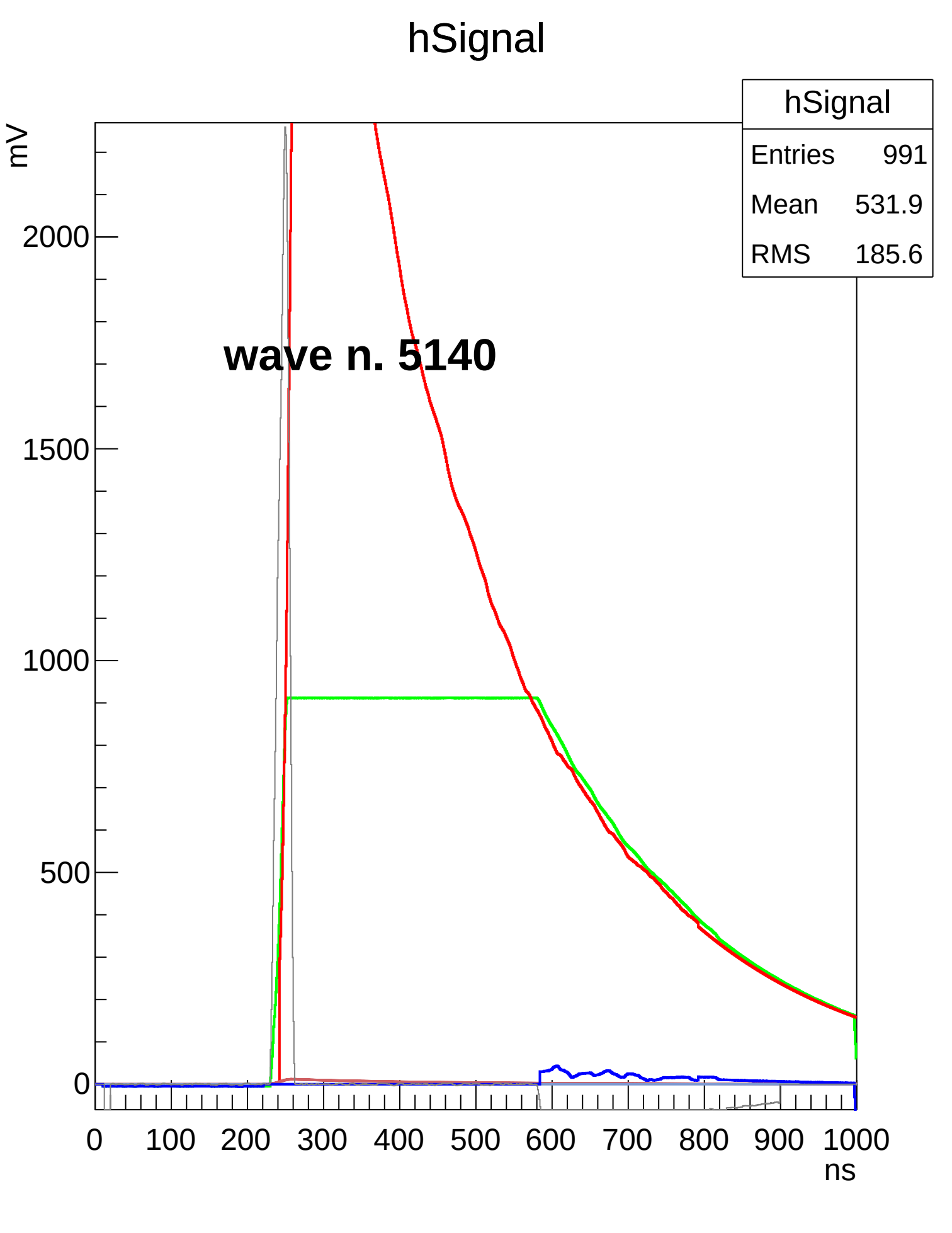
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 531.9
RMS 185.6
wave n. 5140
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1500
1000
500
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0
100
200
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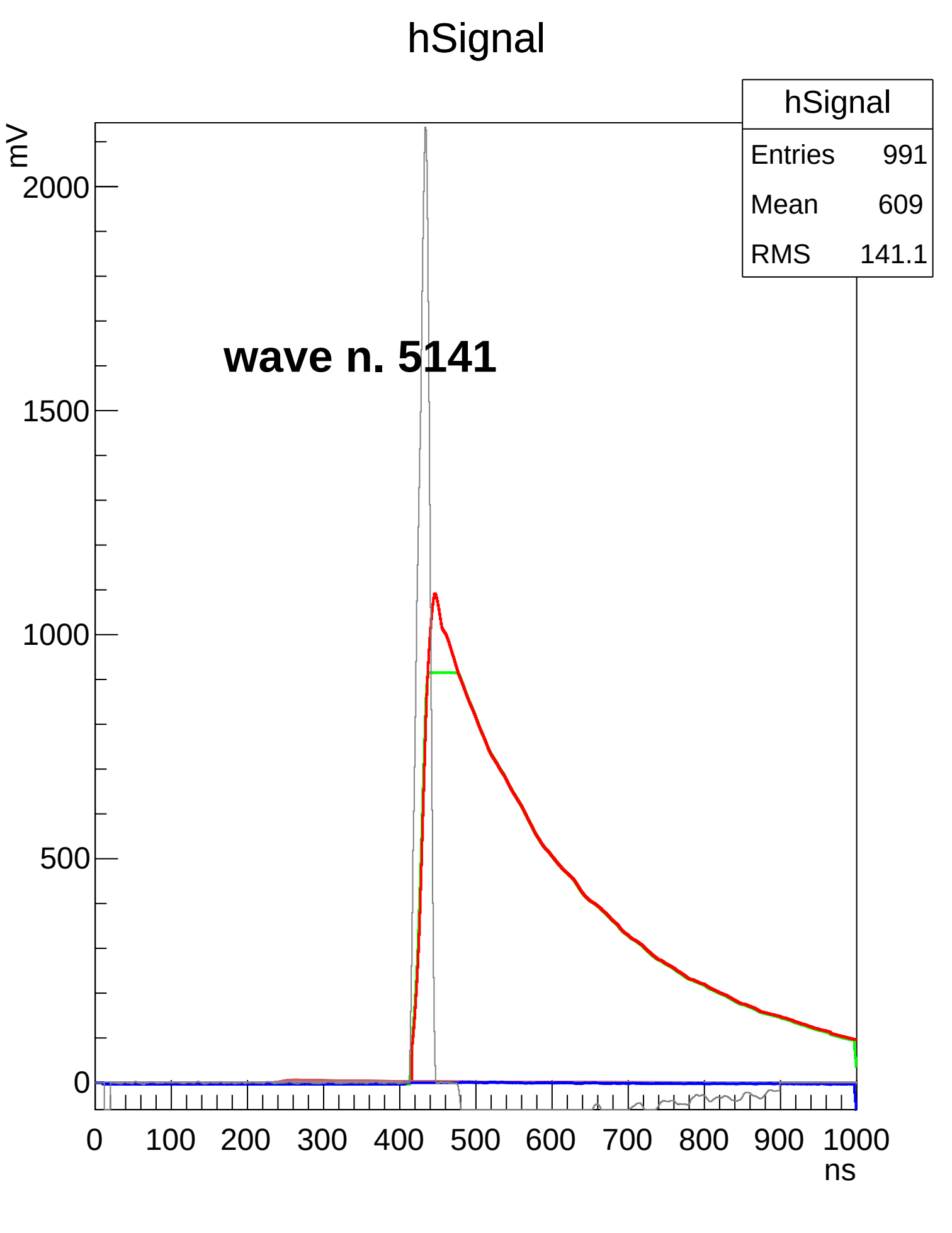
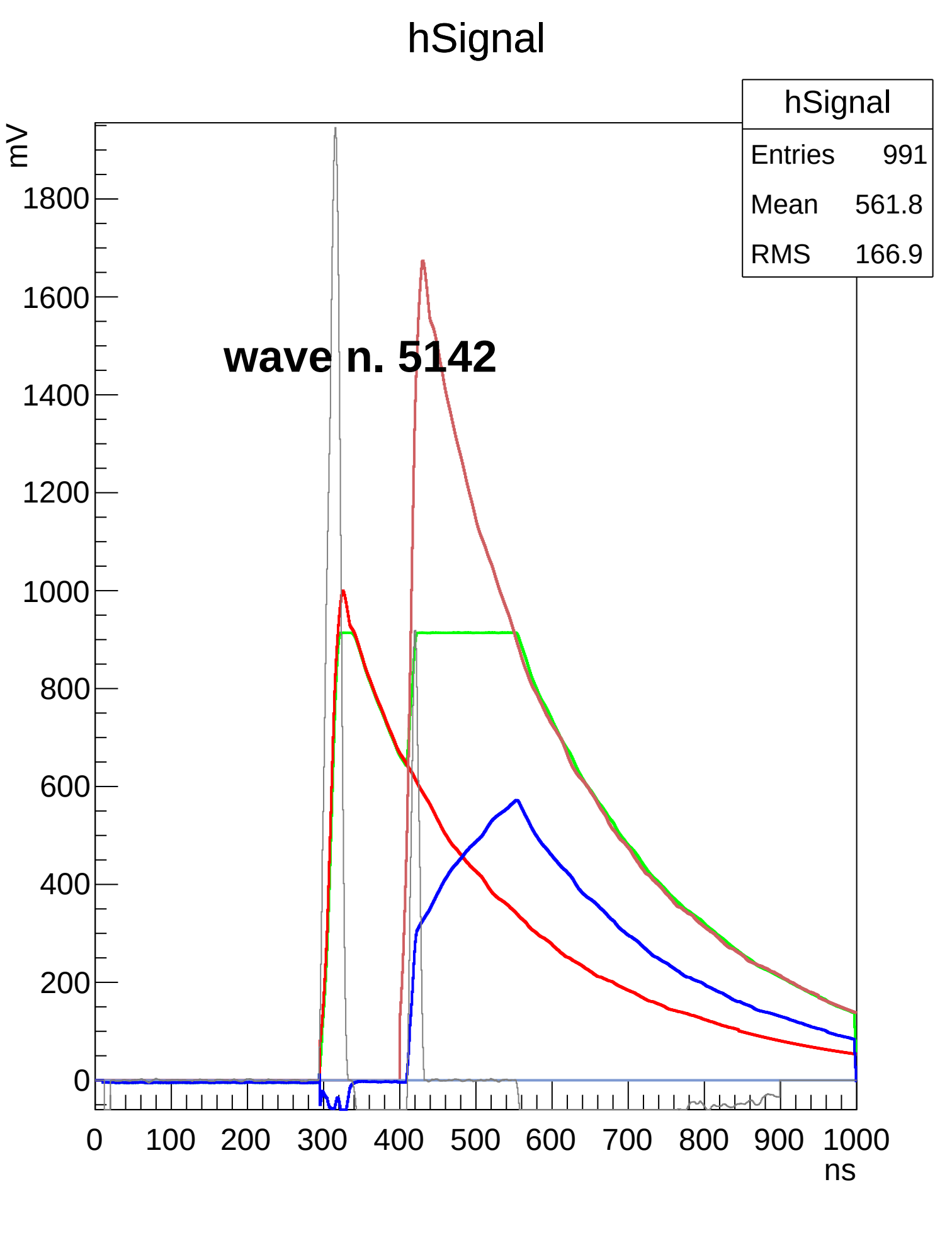
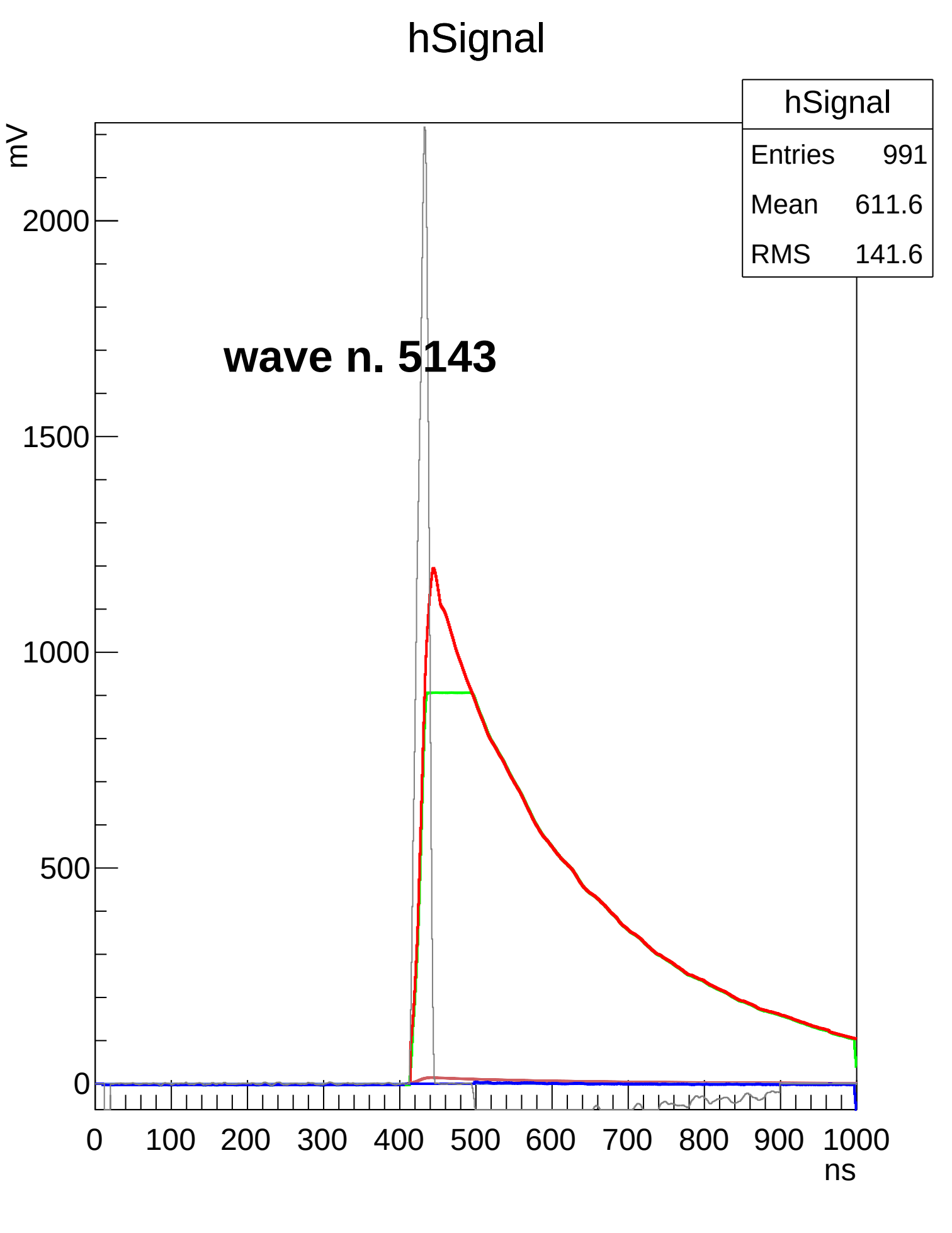
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 609
RMS 141.1
wave n. 5141
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 561.8
RMS 166.9
wave n. 5142
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 611.6
RMS 141.6
wave n. 5143
mV
2000
1500
1000
500
0
0
100
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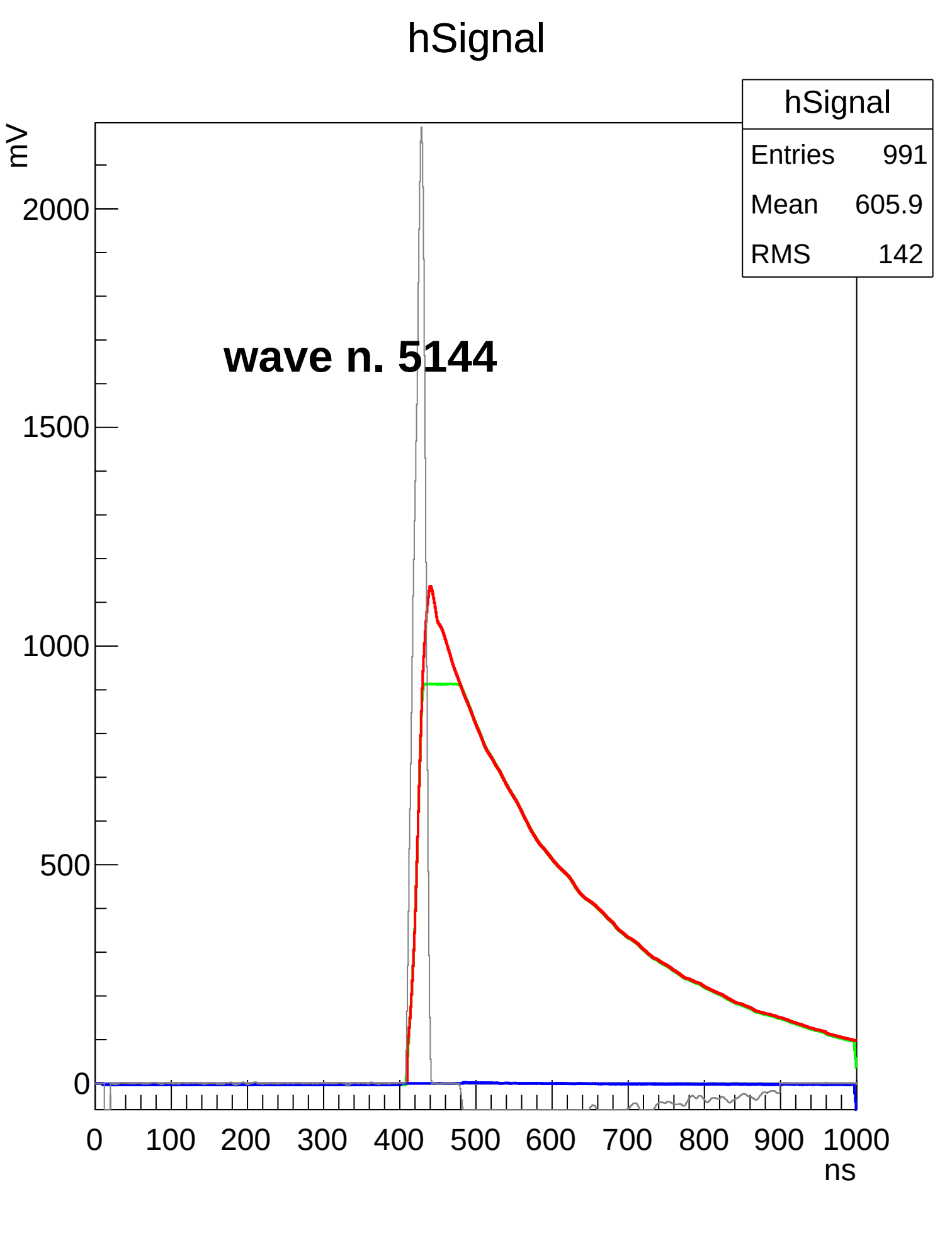
800
900
1000
ns


hSignal
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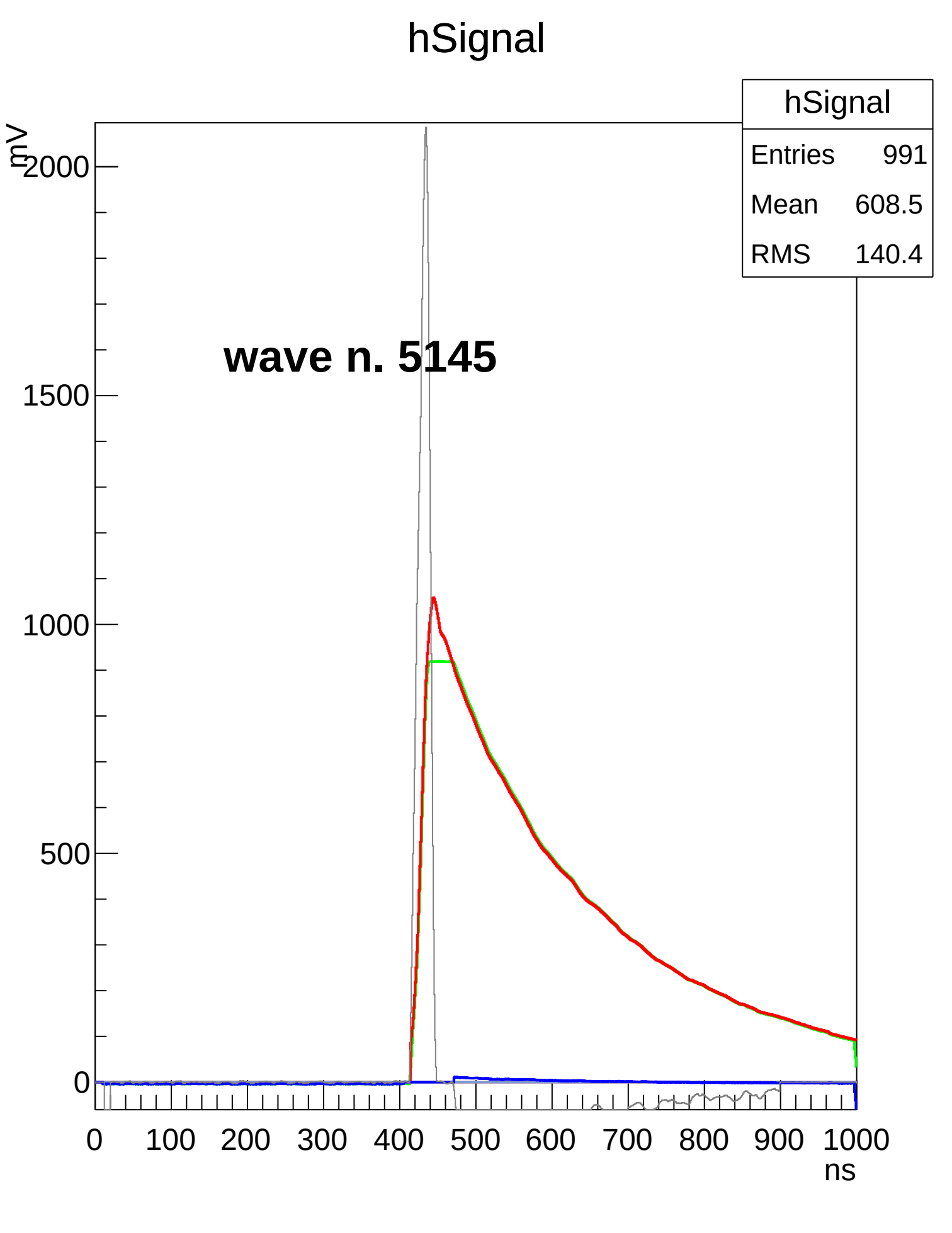
Entries 991
Mean 605.9
RMS 142
wave n. 5144
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 608.5
RMS 140.4
wave n. 5145
mV
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1000
500
0
0
100
200
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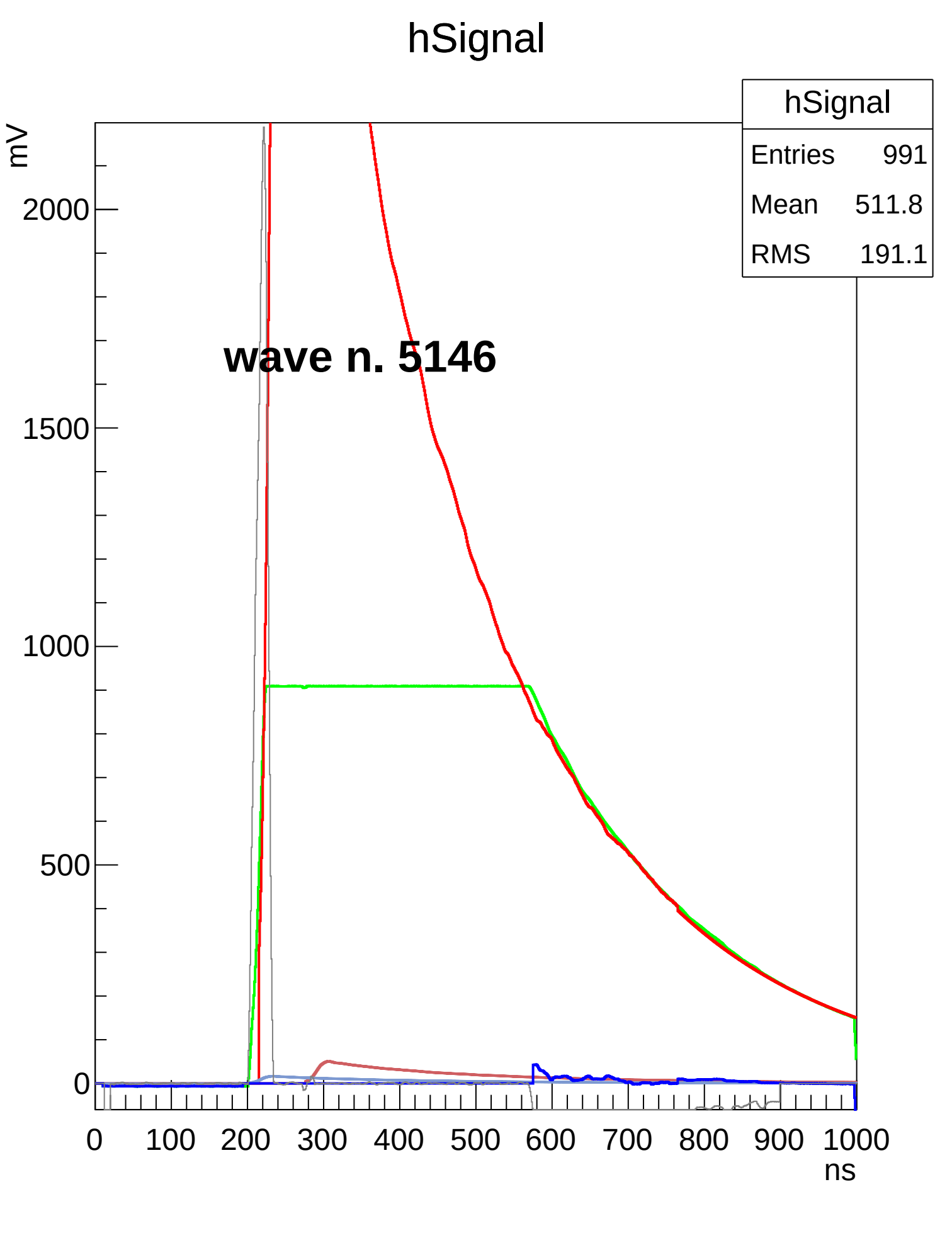
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 511.8
RMS 191.1
wave n. 5146
mV
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1500
1000
500
0
0
100
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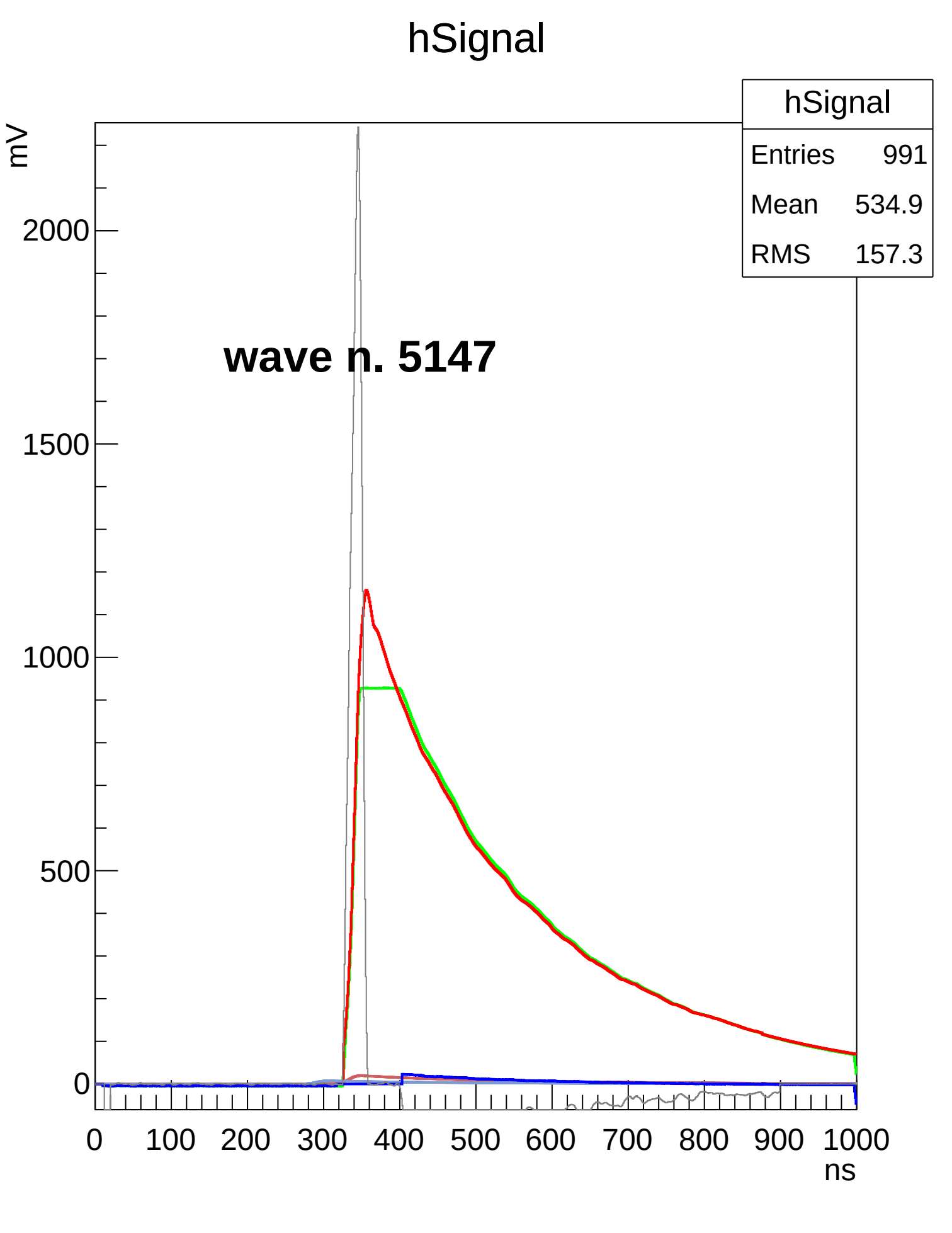
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.9
RMS 157.3
wave n. 5147
mV
2000
1500
1000
500
0
0
100
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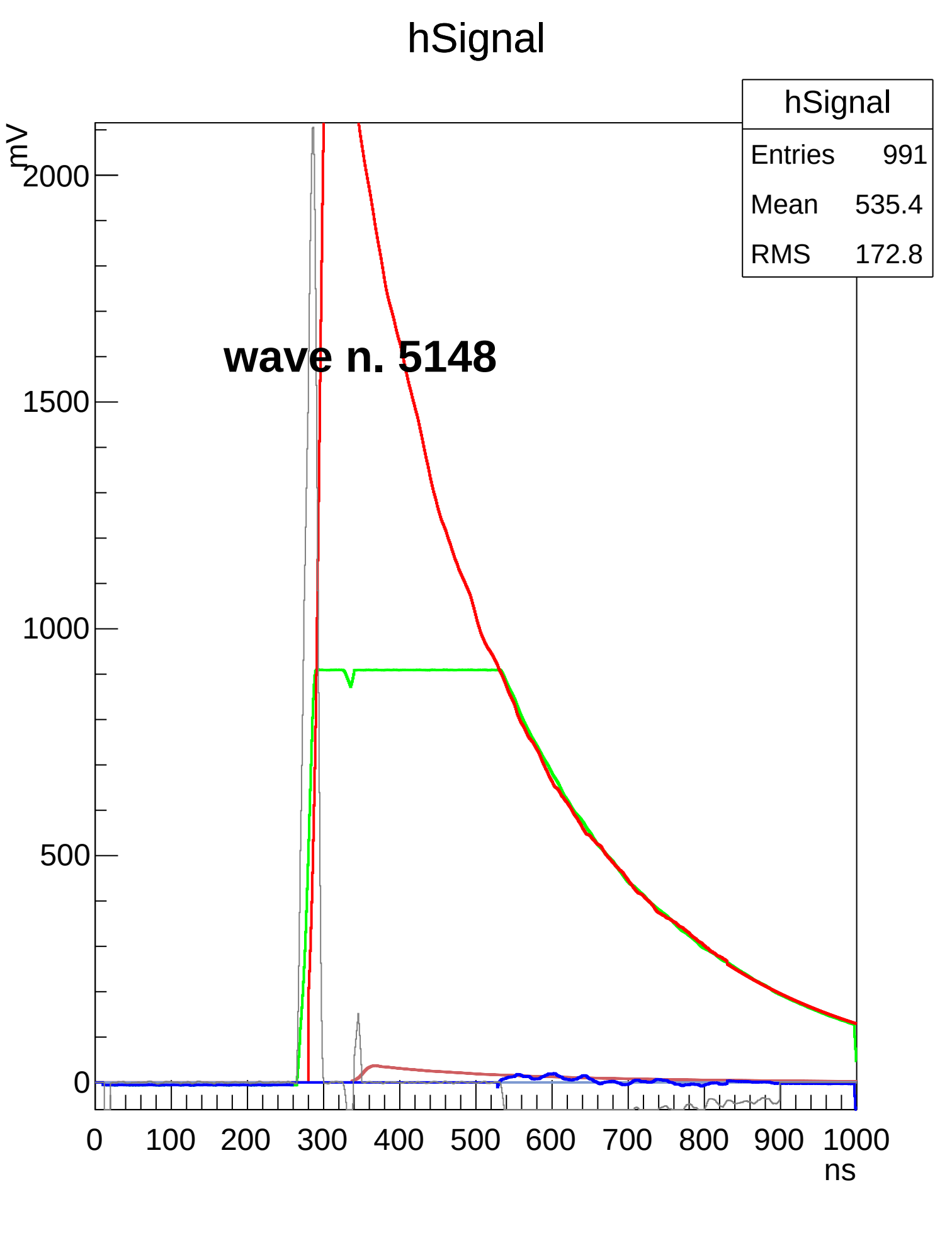
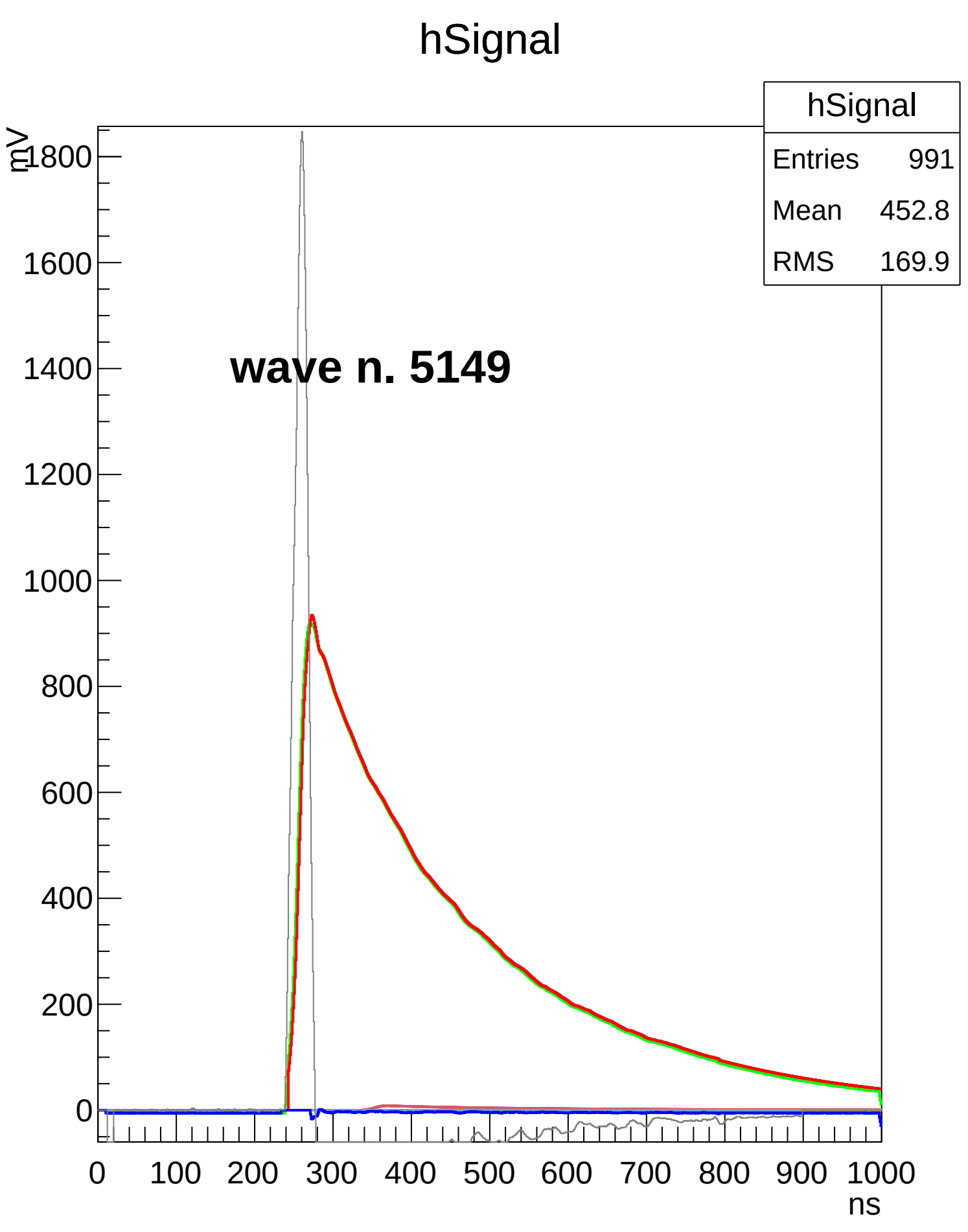
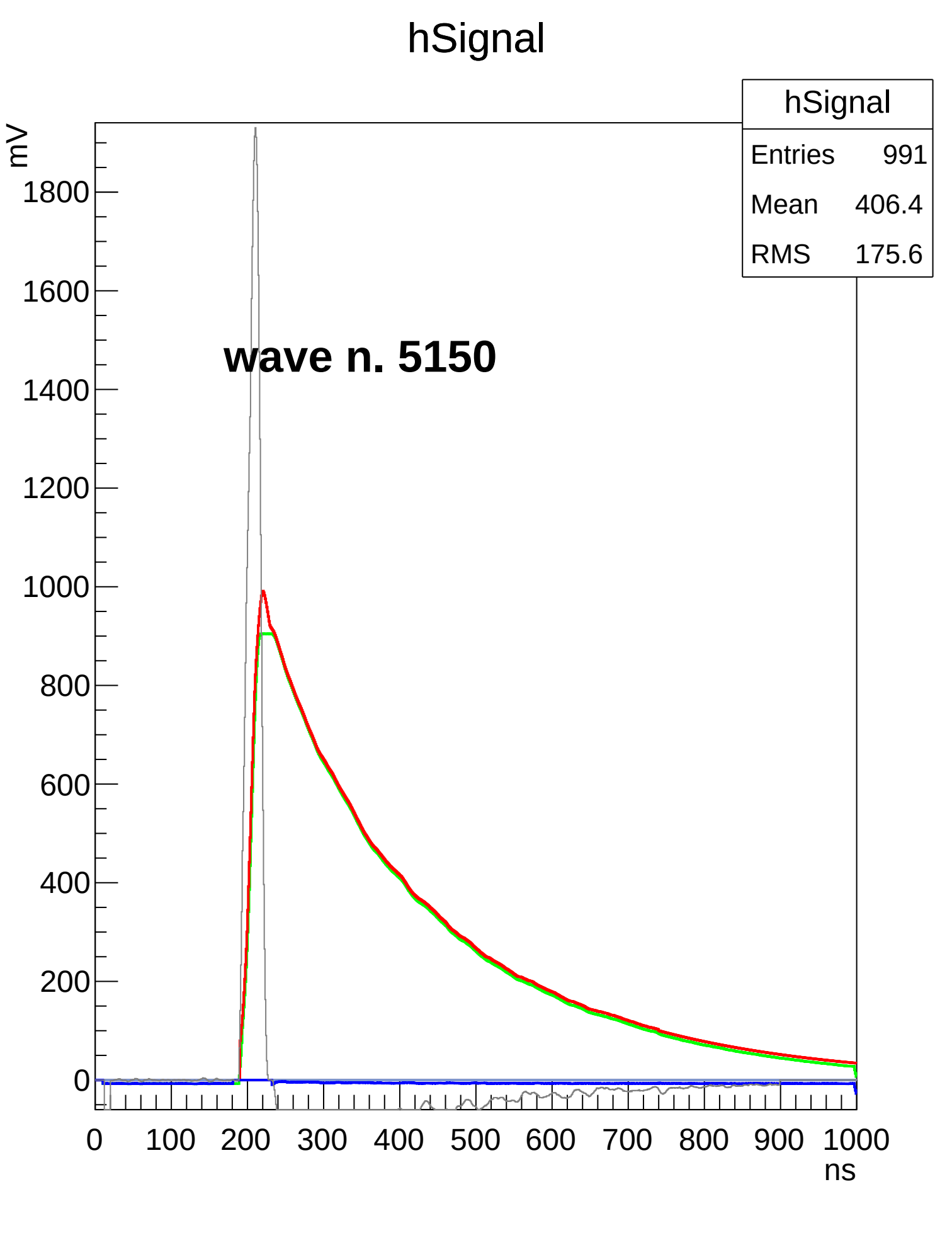
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 535.4
RMS 172.8
wave n. 5148
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 452.8
RMS 169.9
wave n. 5149
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 406.4
RMS 175.6
wave n. 5150
mV
1800
1600
1400
1200
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600
400
200
0
0
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300
400
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600
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800
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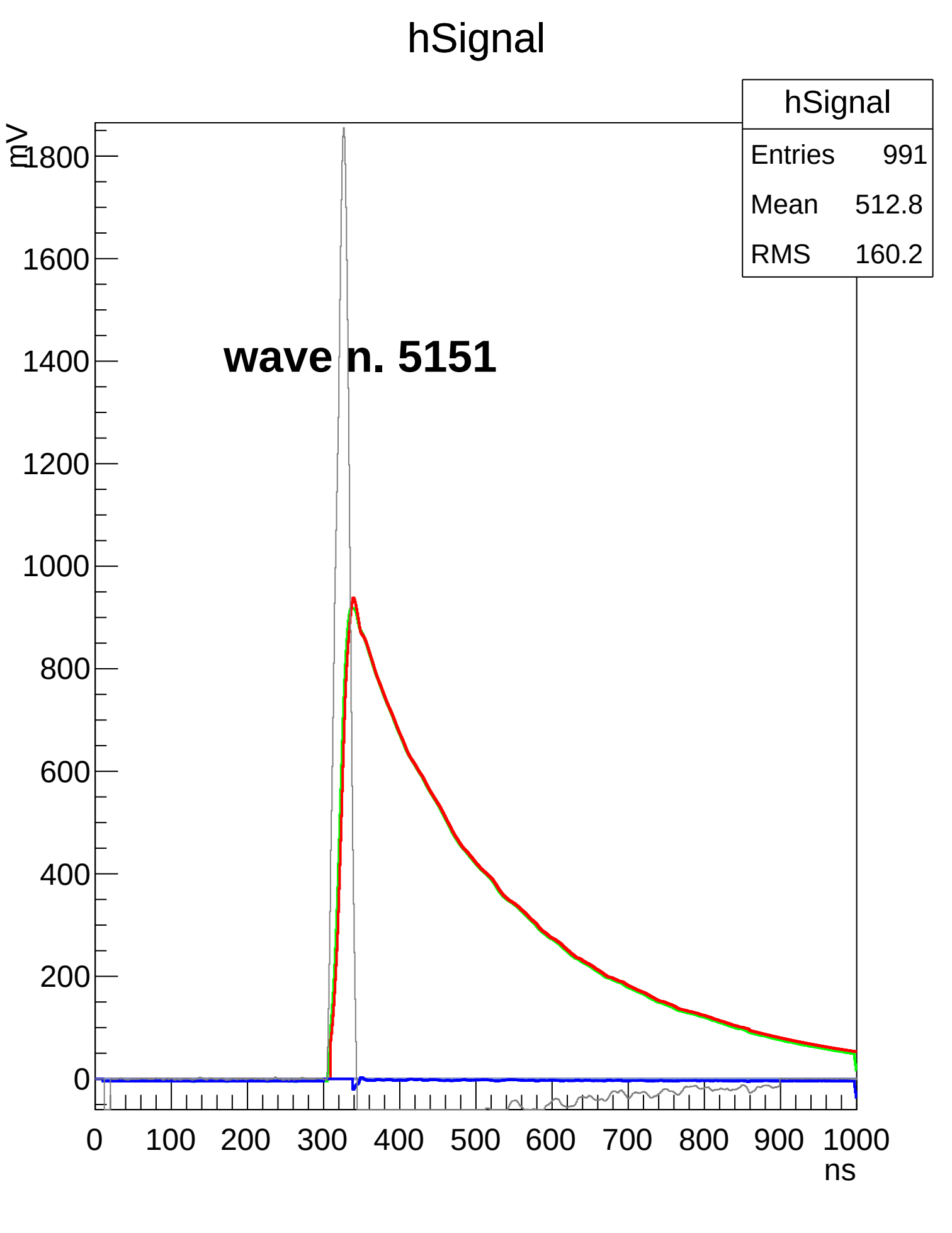
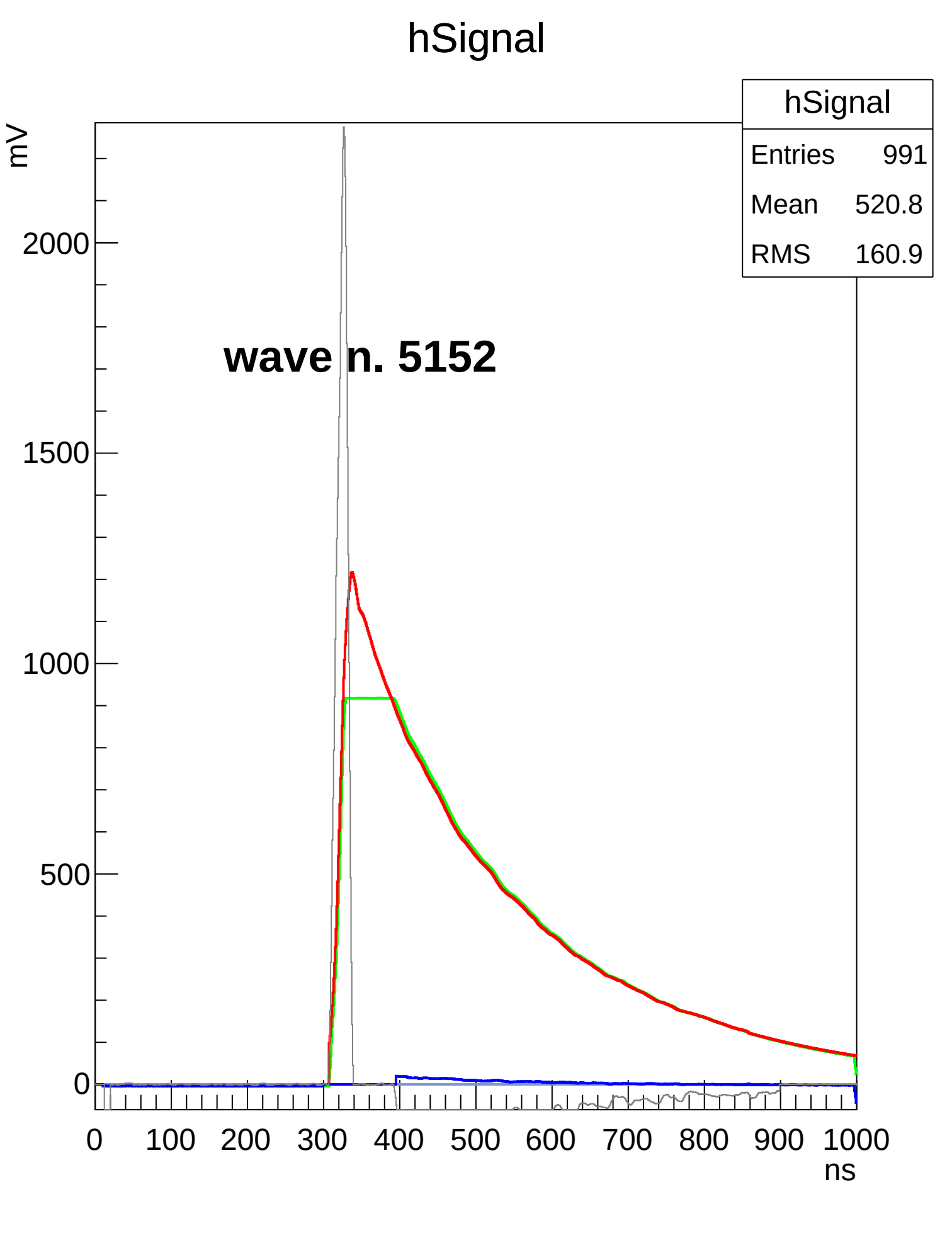
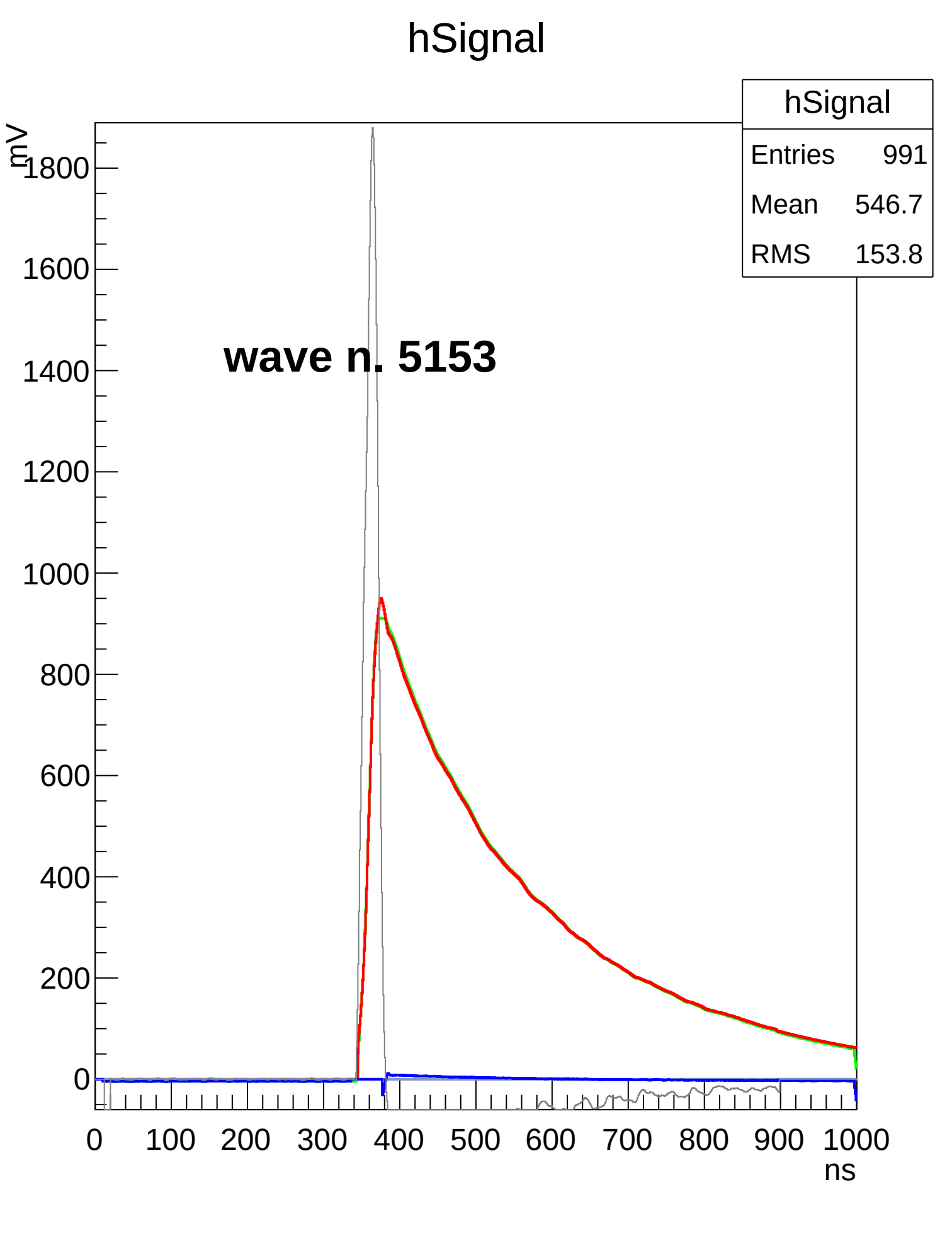
1000
ns


hSignal
hSignal
Entries 991
Mean 512.8
RMS 160.2
wave n. 5151
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 520.8
RMS 160.9
wave n. 5152
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 546.7
RMS 153.8
wave n. 5153
mV
1800
1600
1400
1200
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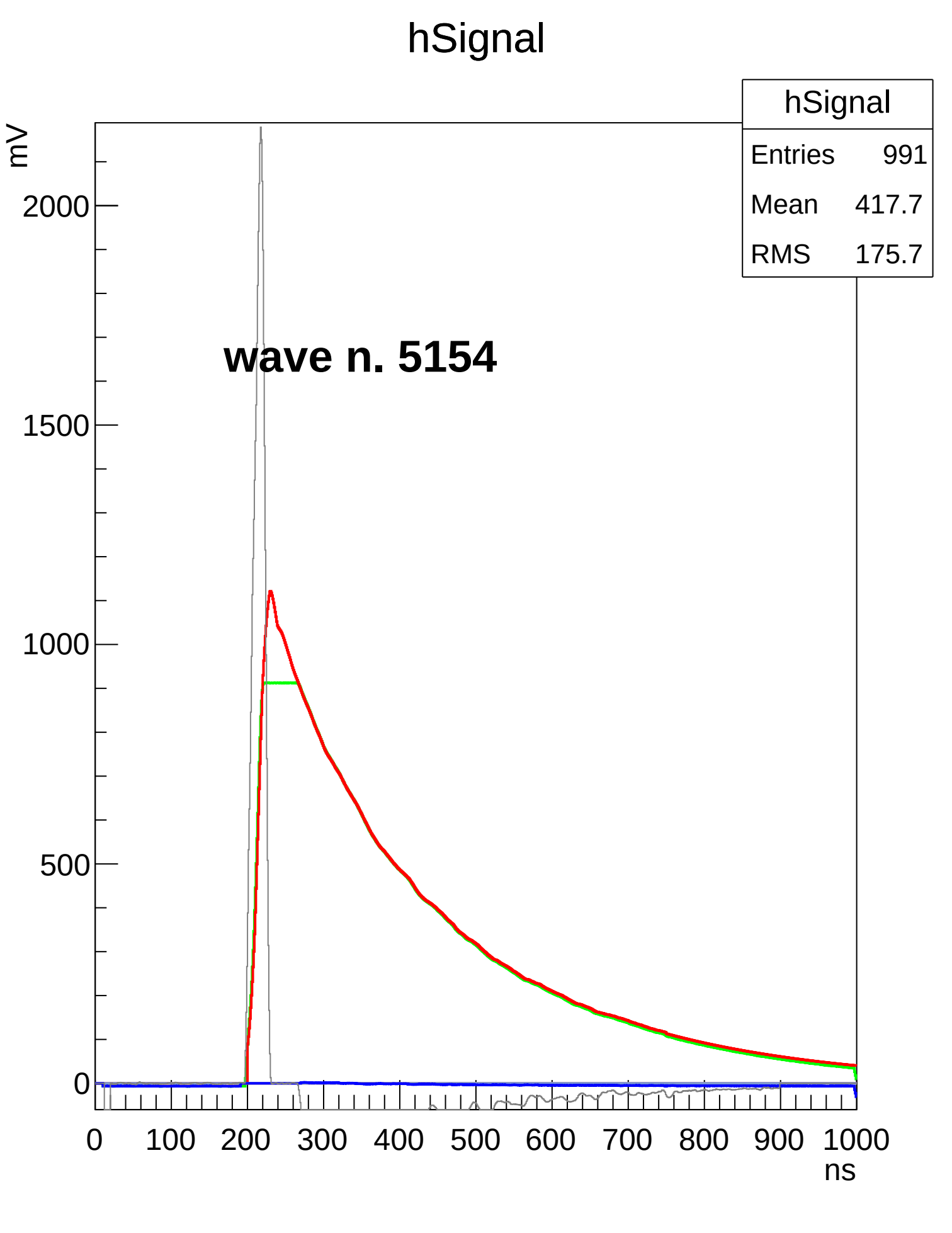
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 417.7
RMS 175.7
wave n. 5154
mV
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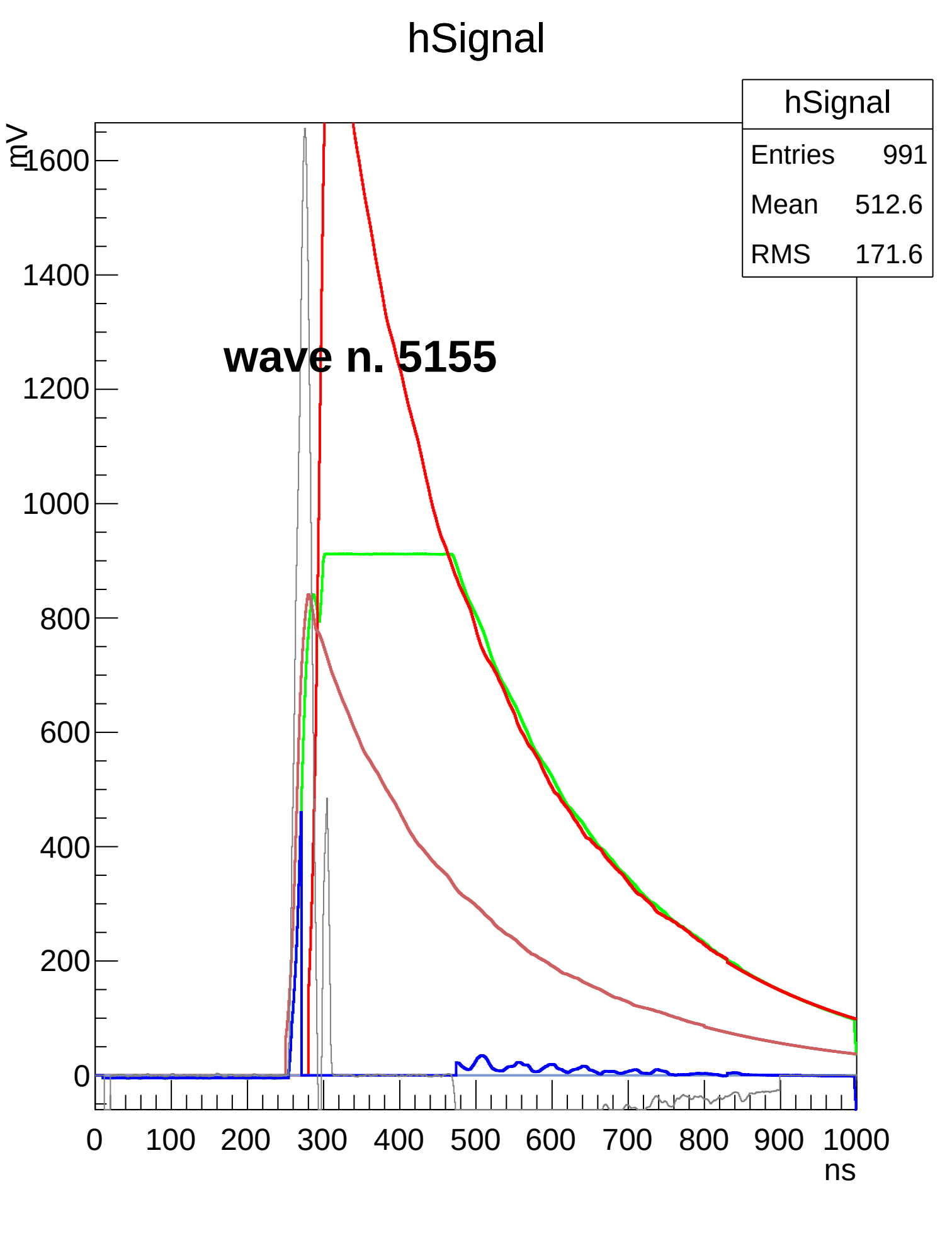
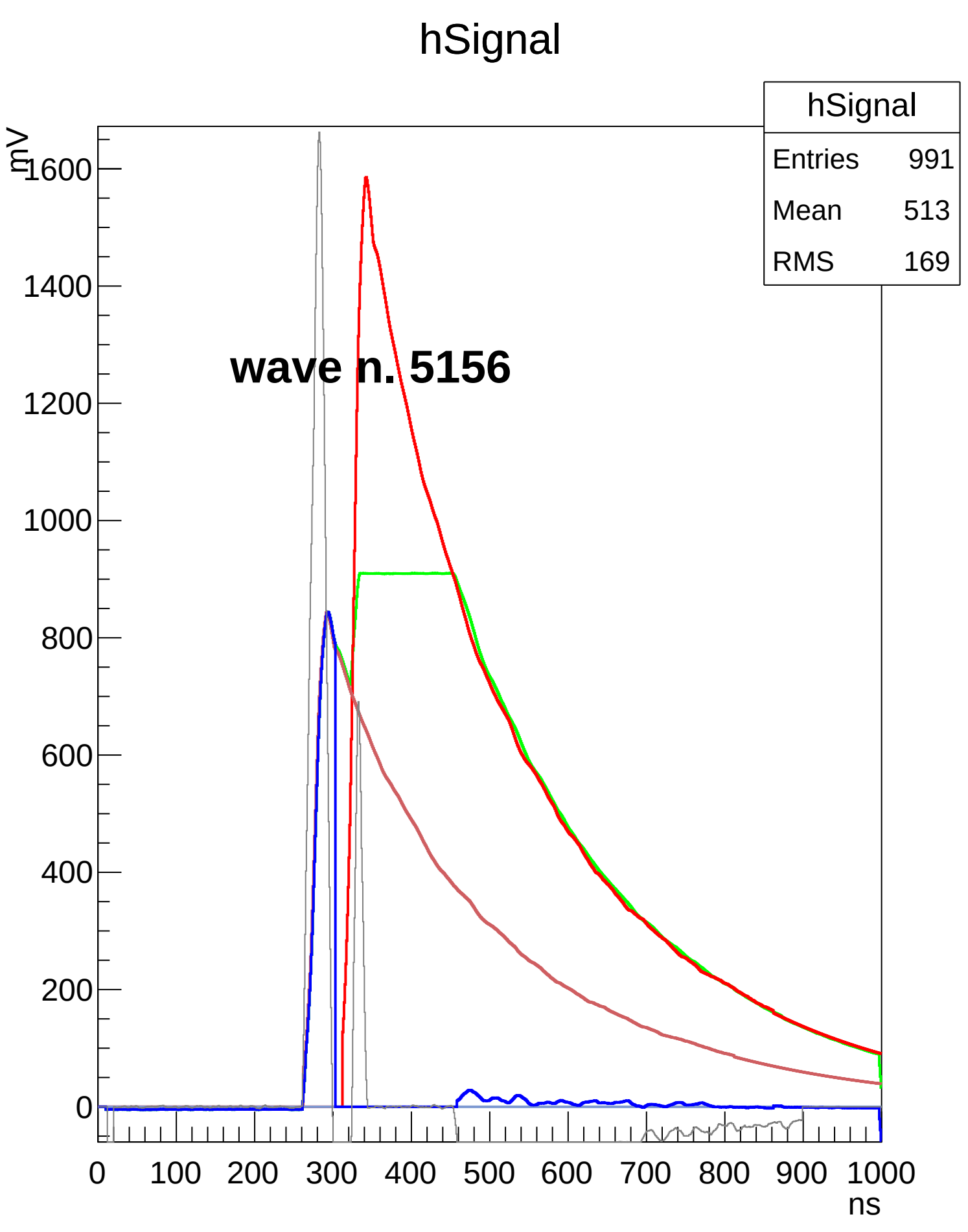
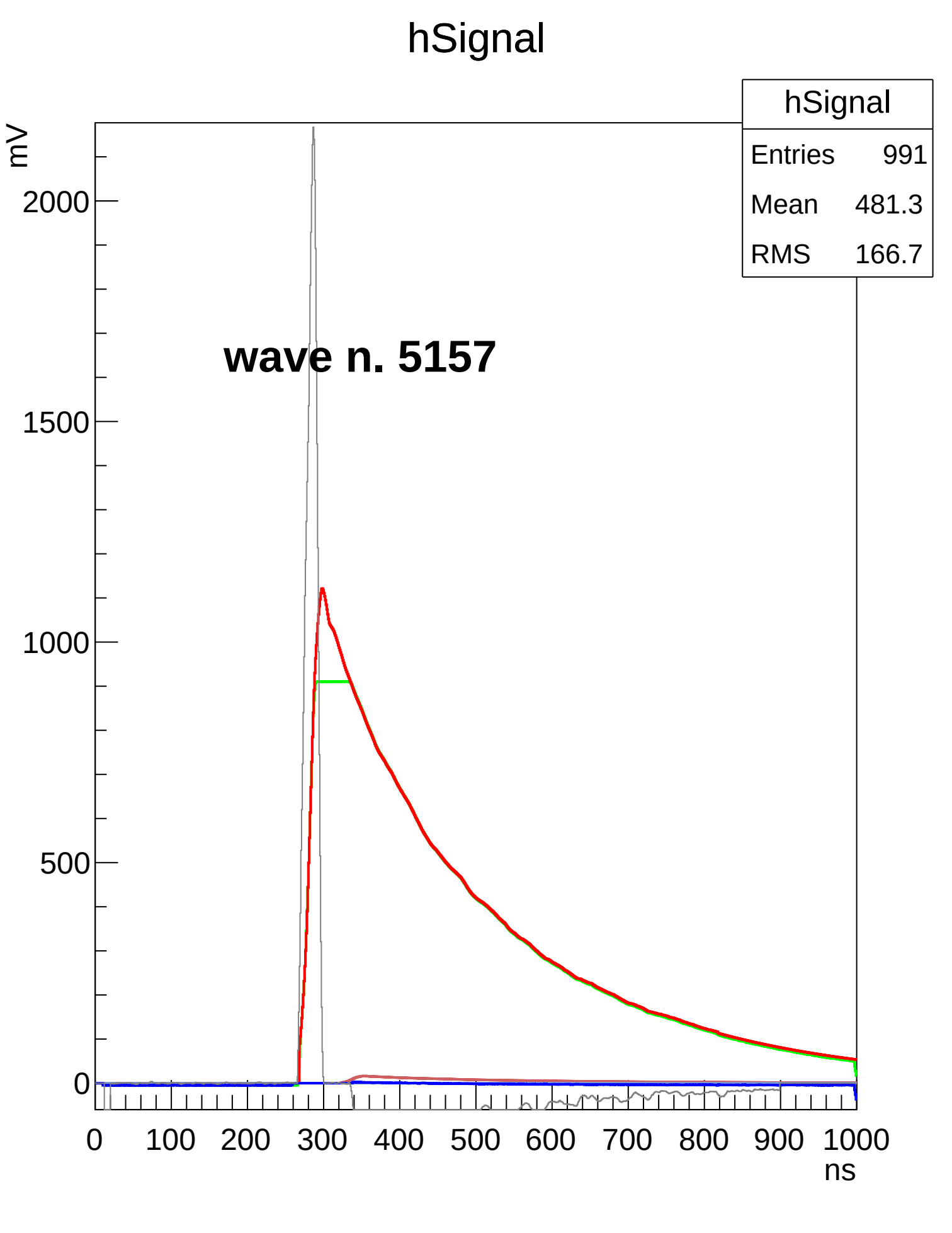
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.6
RMS 171.6
wave n. 5155
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513
RMS 169
wave n. 5156
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481.3
RMS 166.7
wave n. 5157
mV
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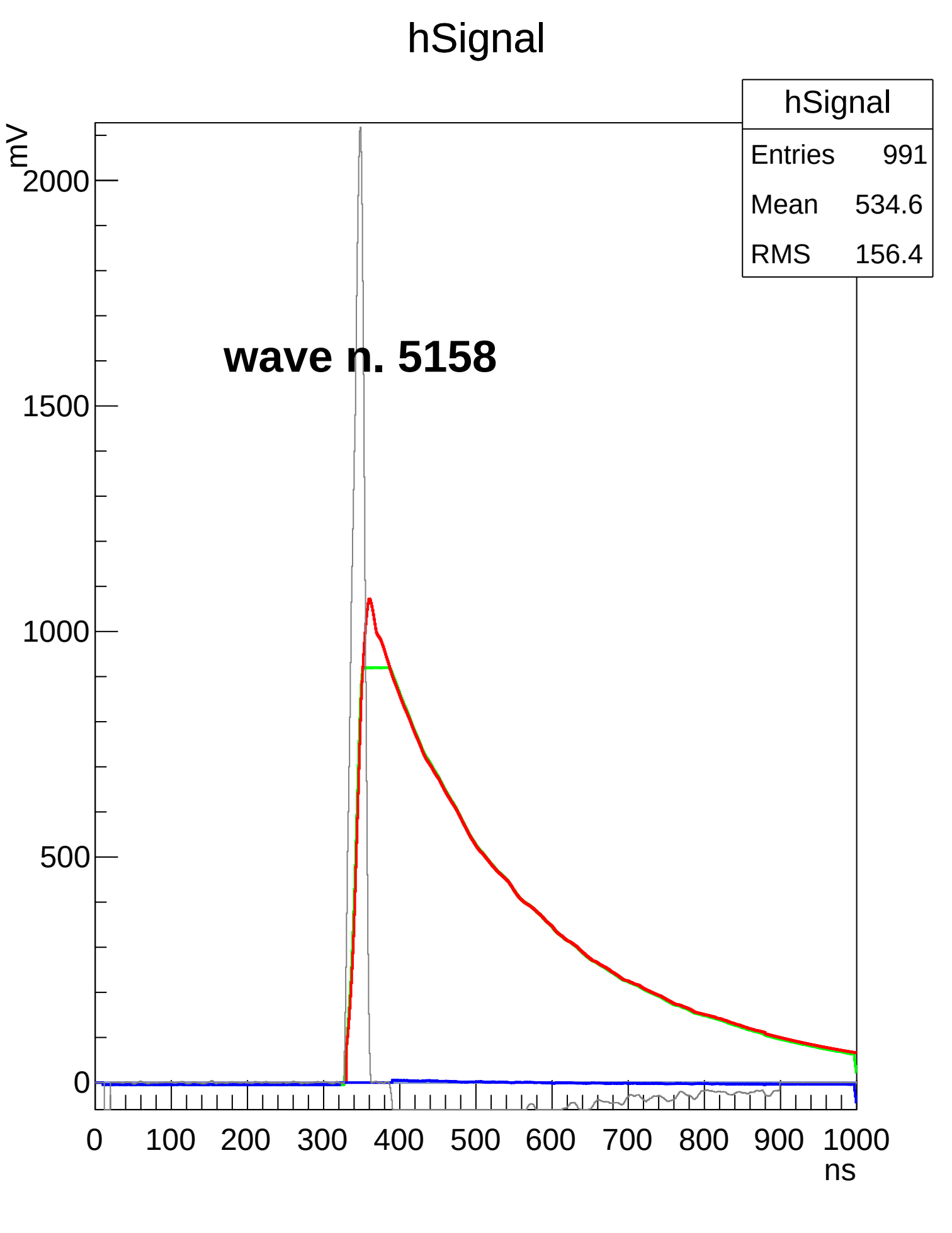
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.6
RMS 156.4
wave n. 5158
mV
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1500
1000
500
0
0
100
200
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400
500
600
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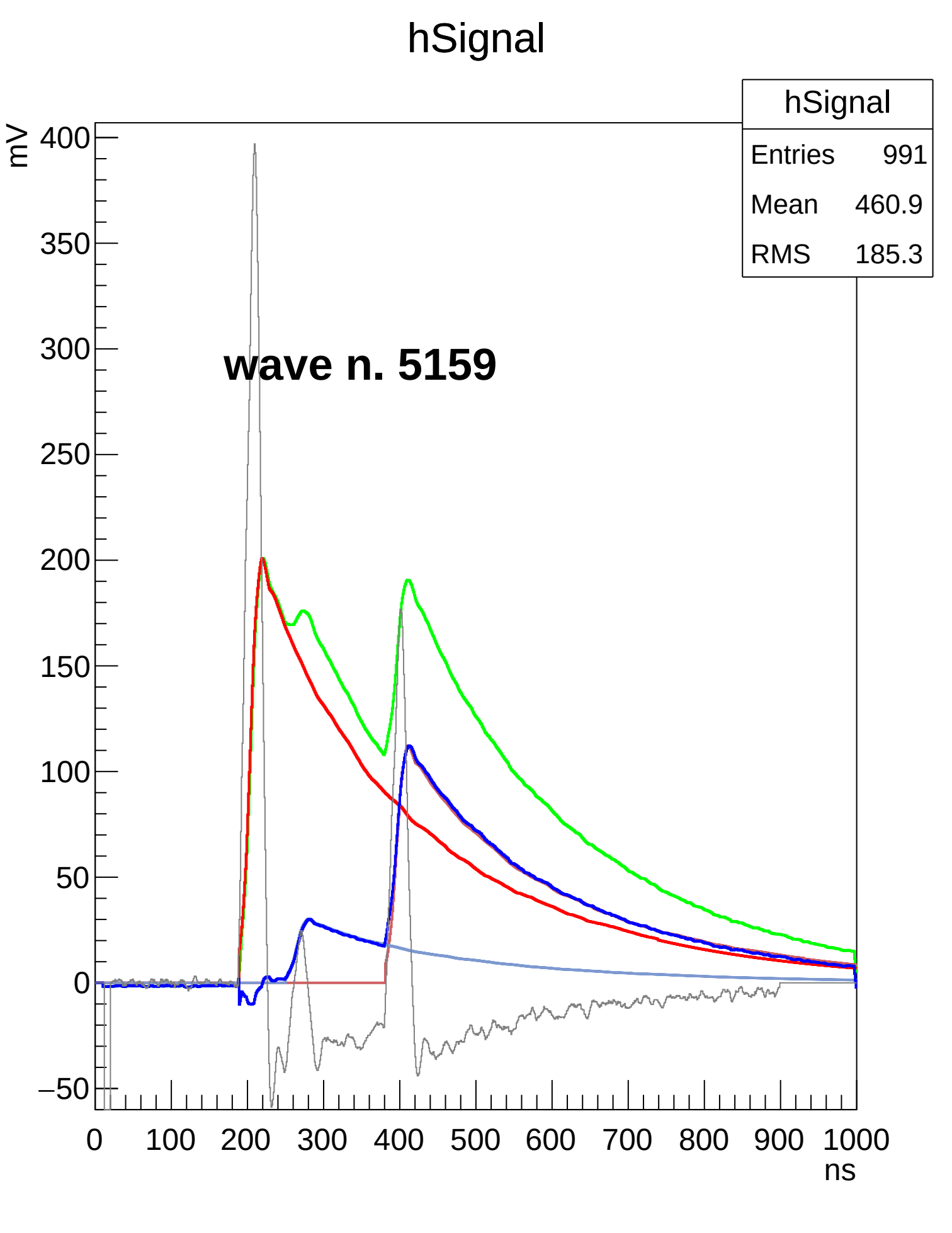
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 460.9
RMS 185.3
wave n. 5159
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
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400
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800
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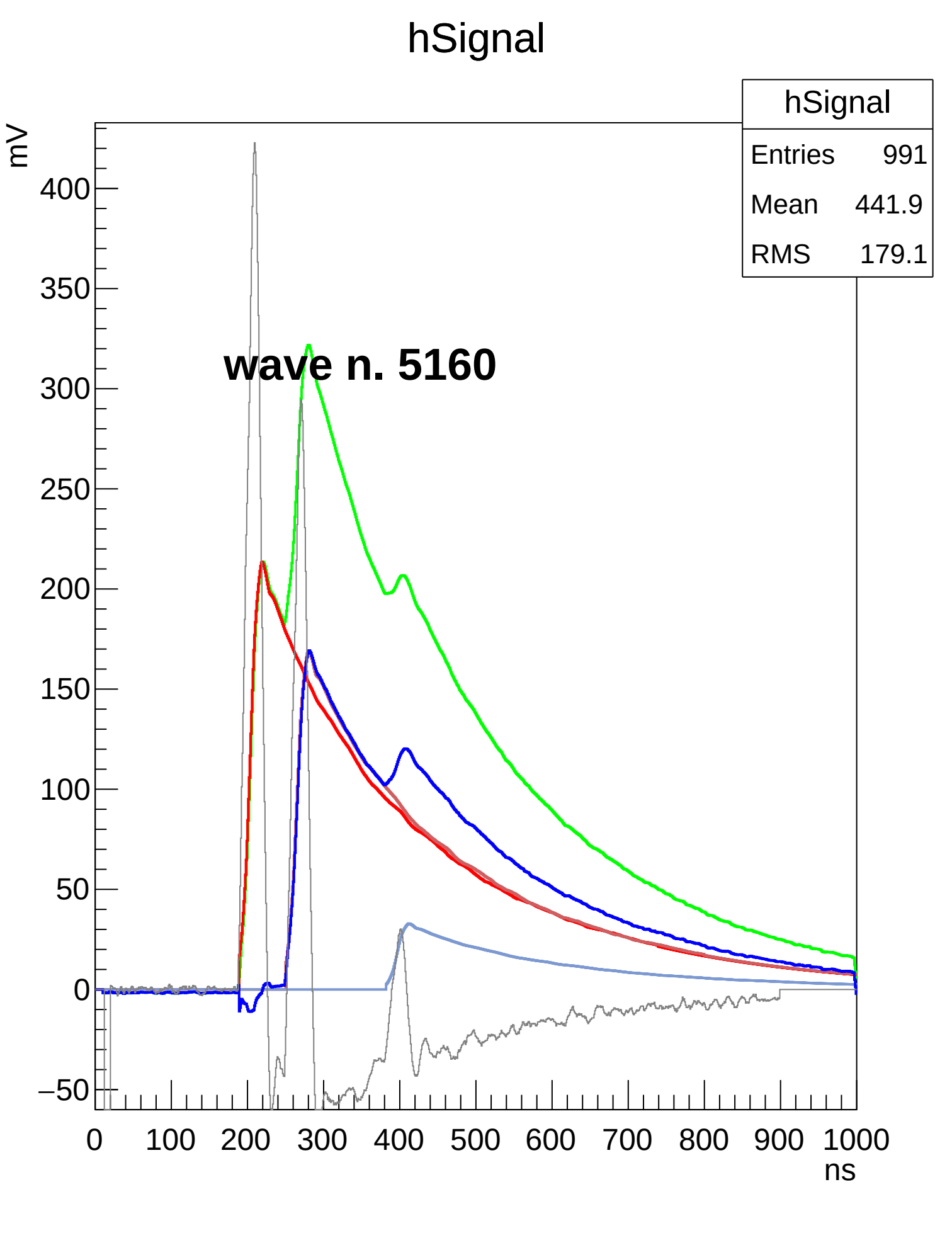
1000
ns


hSignal
hSignal
Entries 991
Mean 441.9
RMS 179.1
wave n. 5160
mV
400
350
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0
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0
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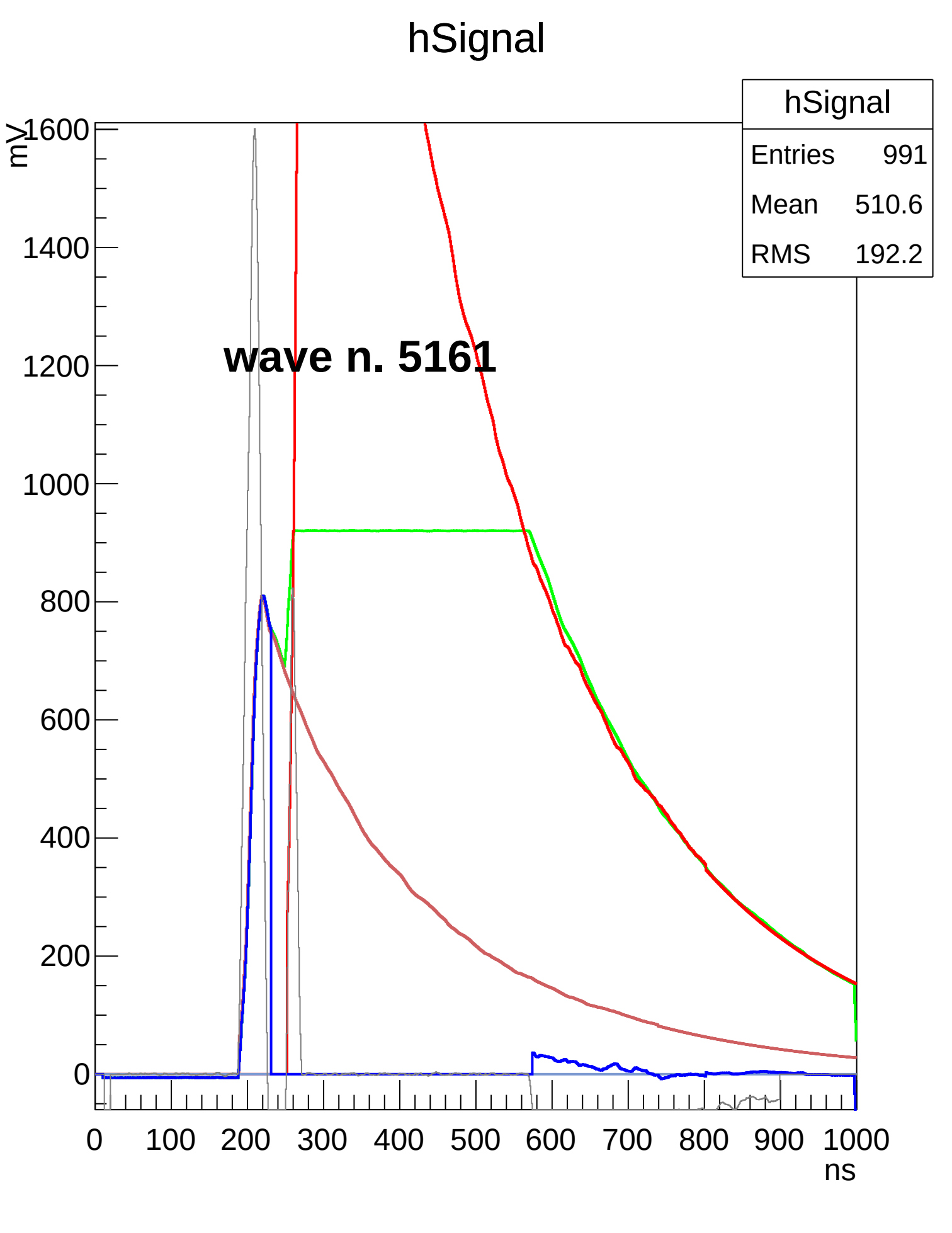
1000
ns


hSignal
hSignal
Entries 991
Mean 510.6
RMS 192.2
wave n. 5161
mV
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1400
1200
1000
800
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400
200
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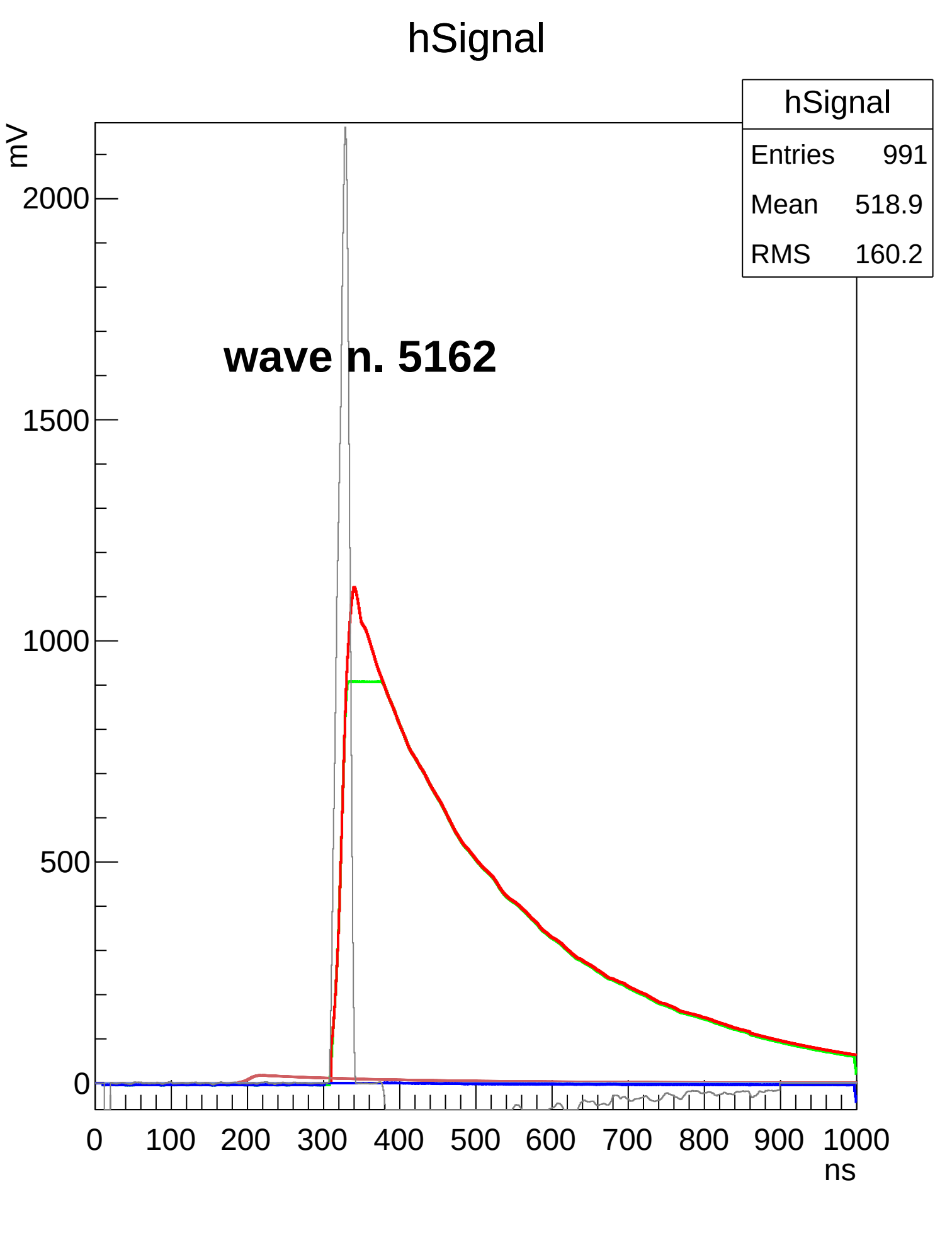
ns


hSignal
hSignal
Entries 991
Mean 518.9
RMS 160.2
wave n. 5162
mV
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1500
1000
500
0
0
100
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400
500
600
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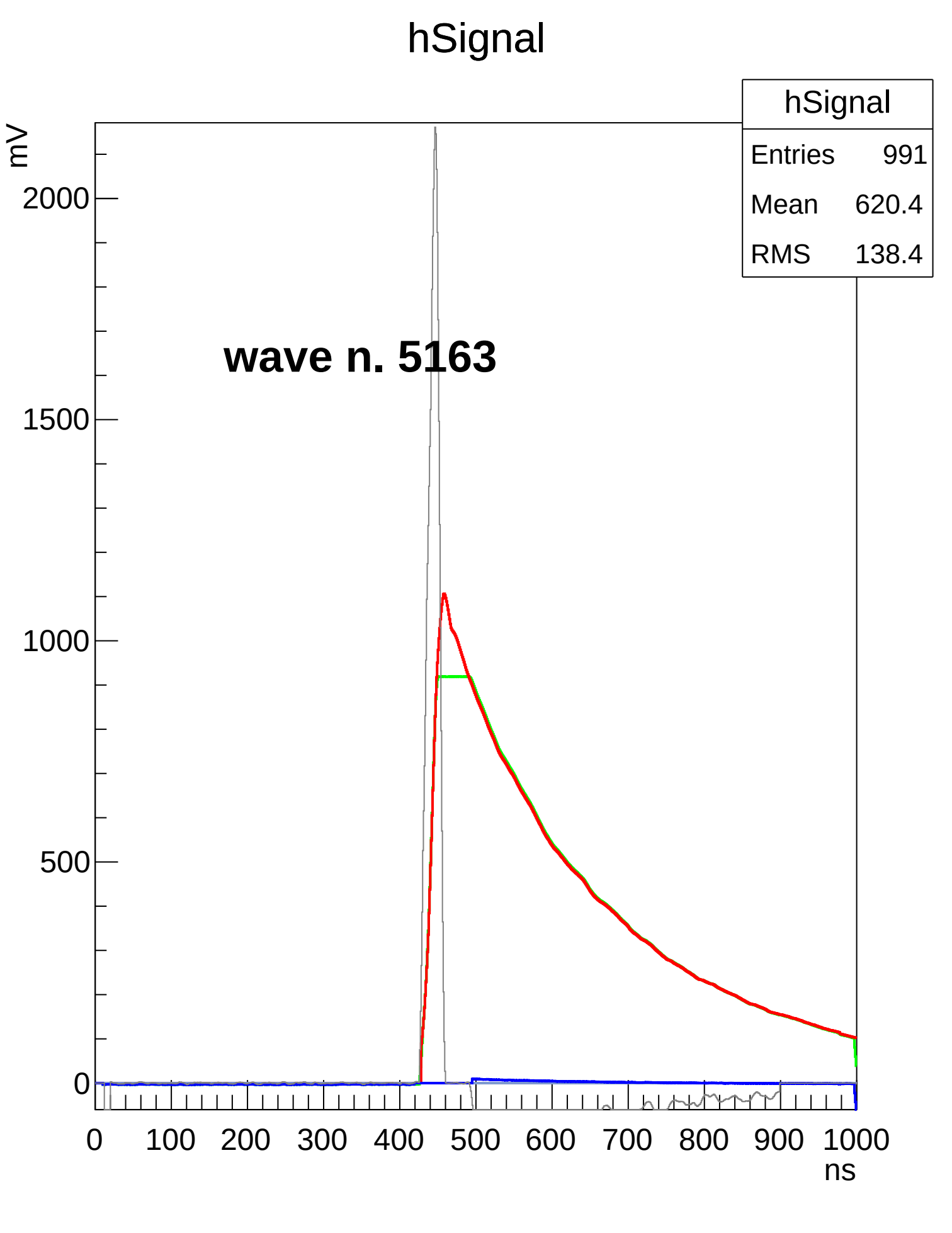
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 620.4
RMS 138.4
wave n. 5163
mV
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1500
1000
500
0
0
100
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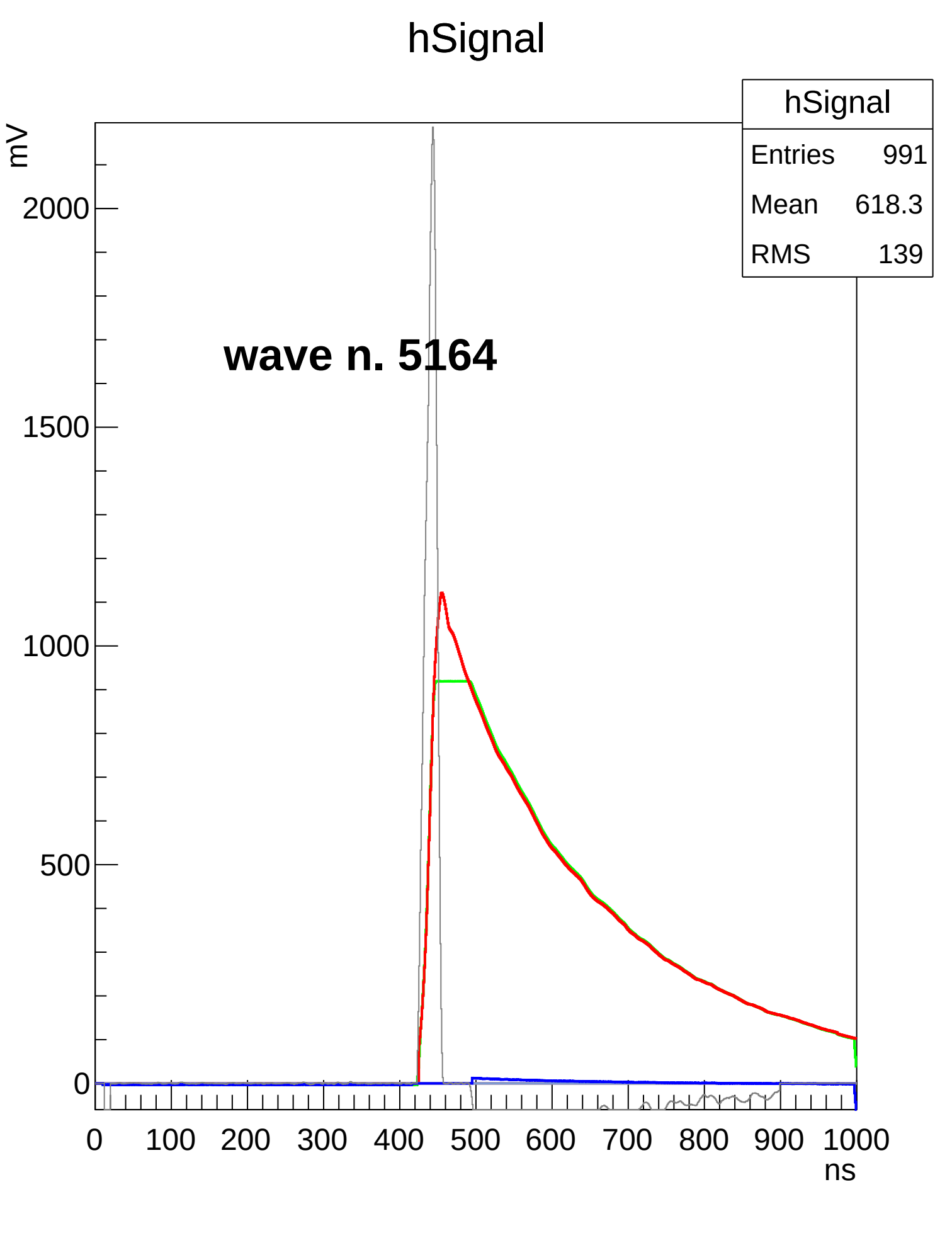
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 618.3
RMS 139
wave n. 5164
mV
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1500
1000
500
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0
100
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400
500
600
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800
900
1000
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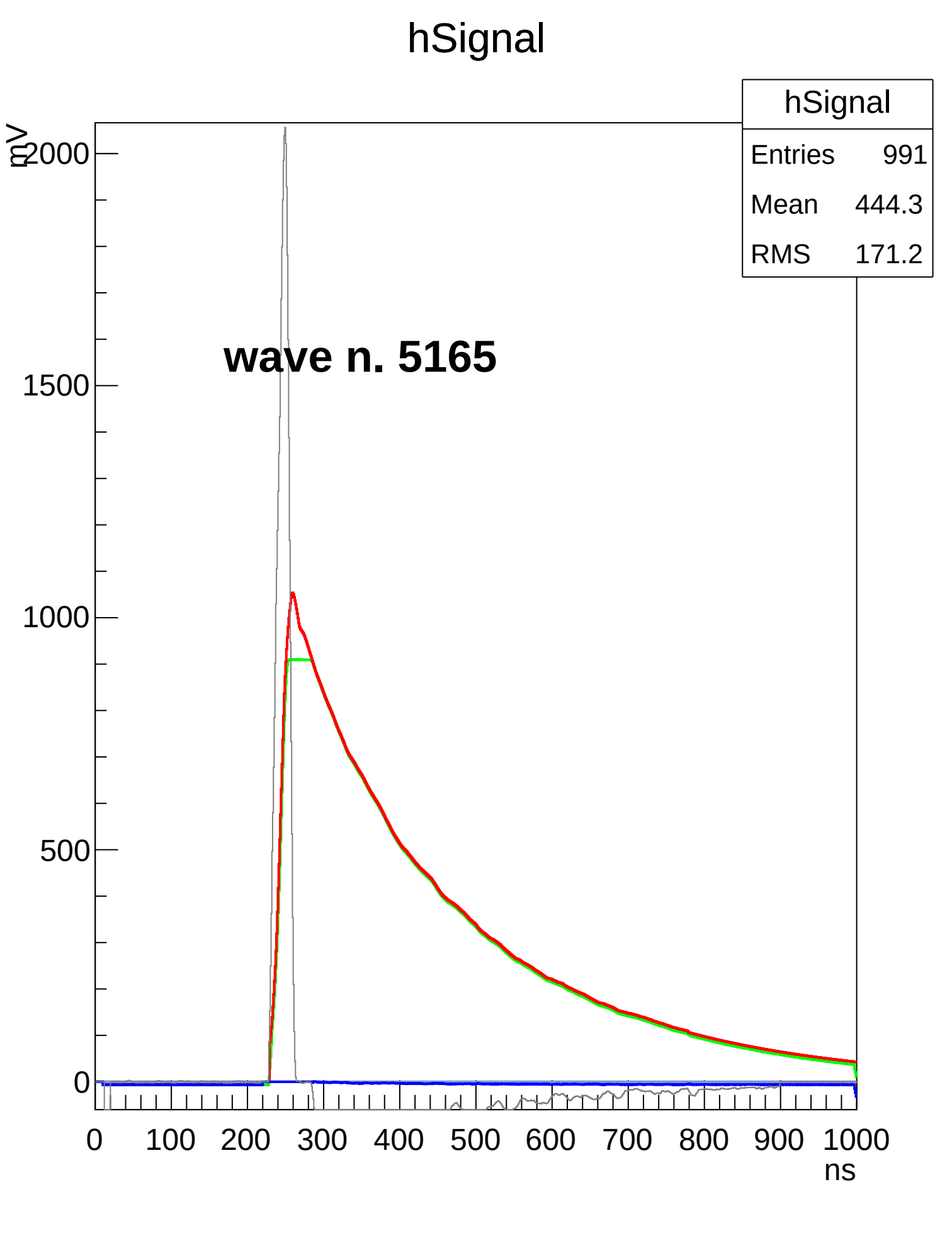
hSignal
hSignal
Entries 991
Mean 444.3
RMS 171.2
wave n. 5165
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1500
1000
500
0
0
100
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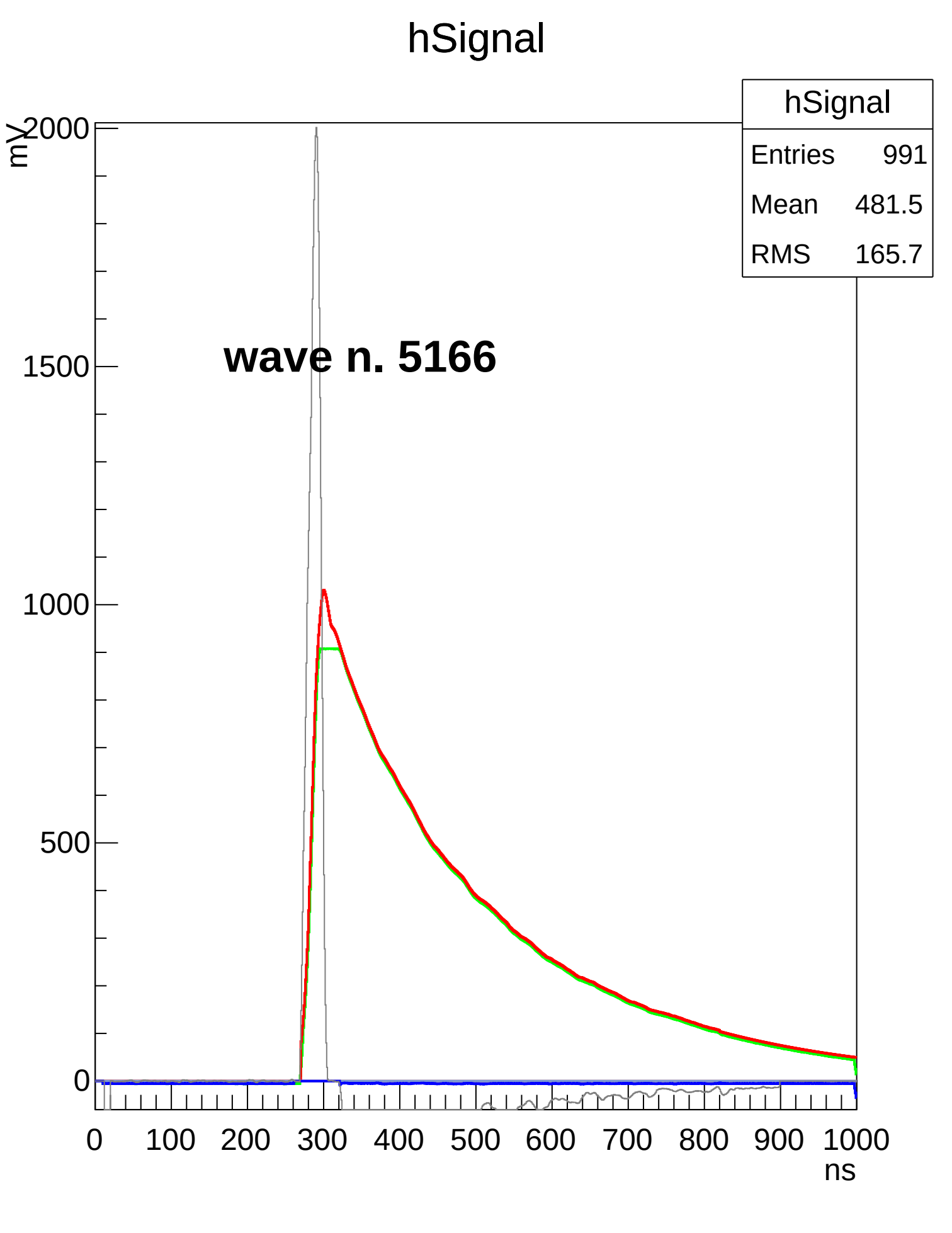
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481.5
RMS 165.7
wave n. 5166
mV
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1500
1000
500
0
0
100
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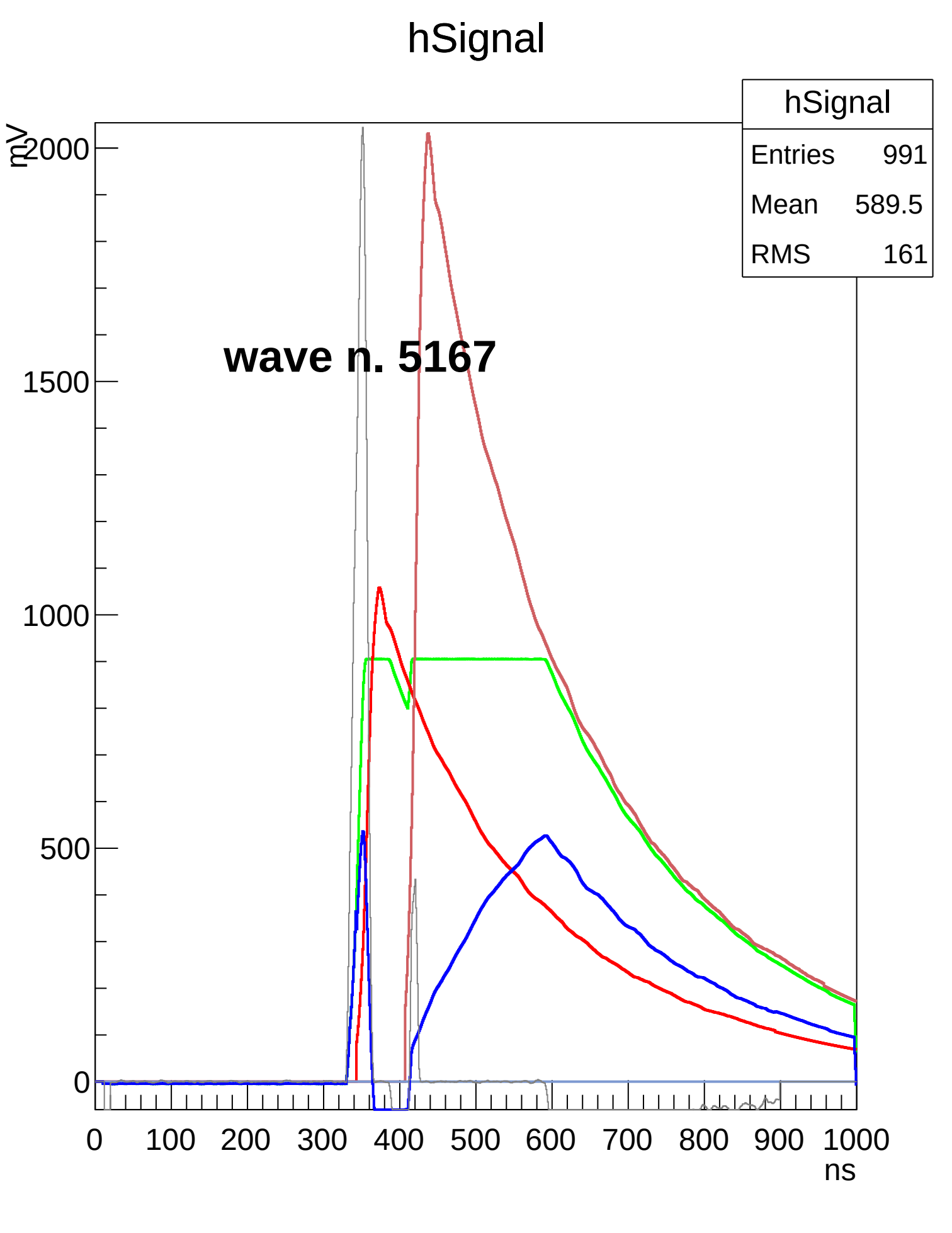
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 589.5
RMS 161
wave n. 5167
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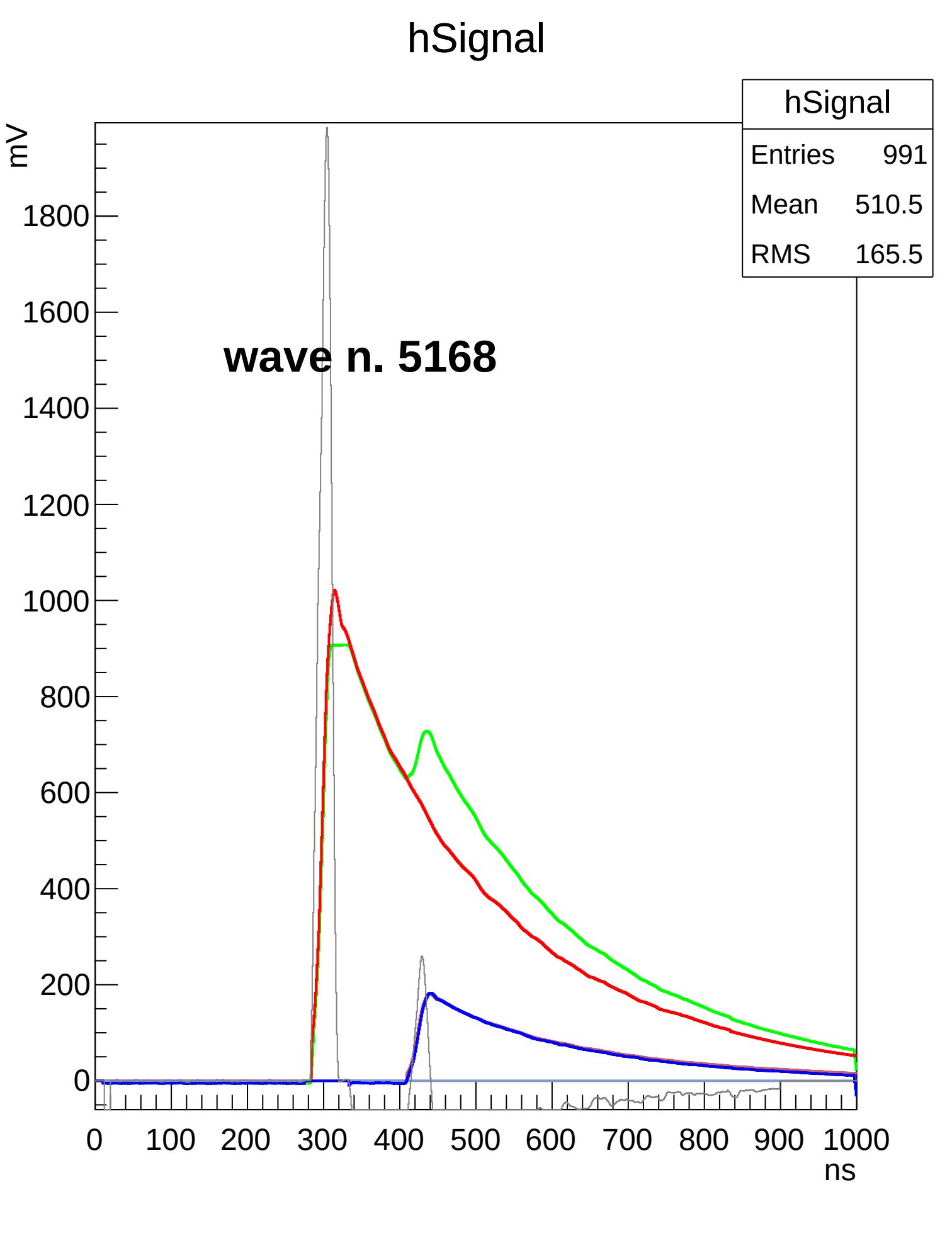
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.5
RMS 165.5
wave n. 5168
mV
1800
1600
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1200
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600
400
200
0
0
100
200
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400
500
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800
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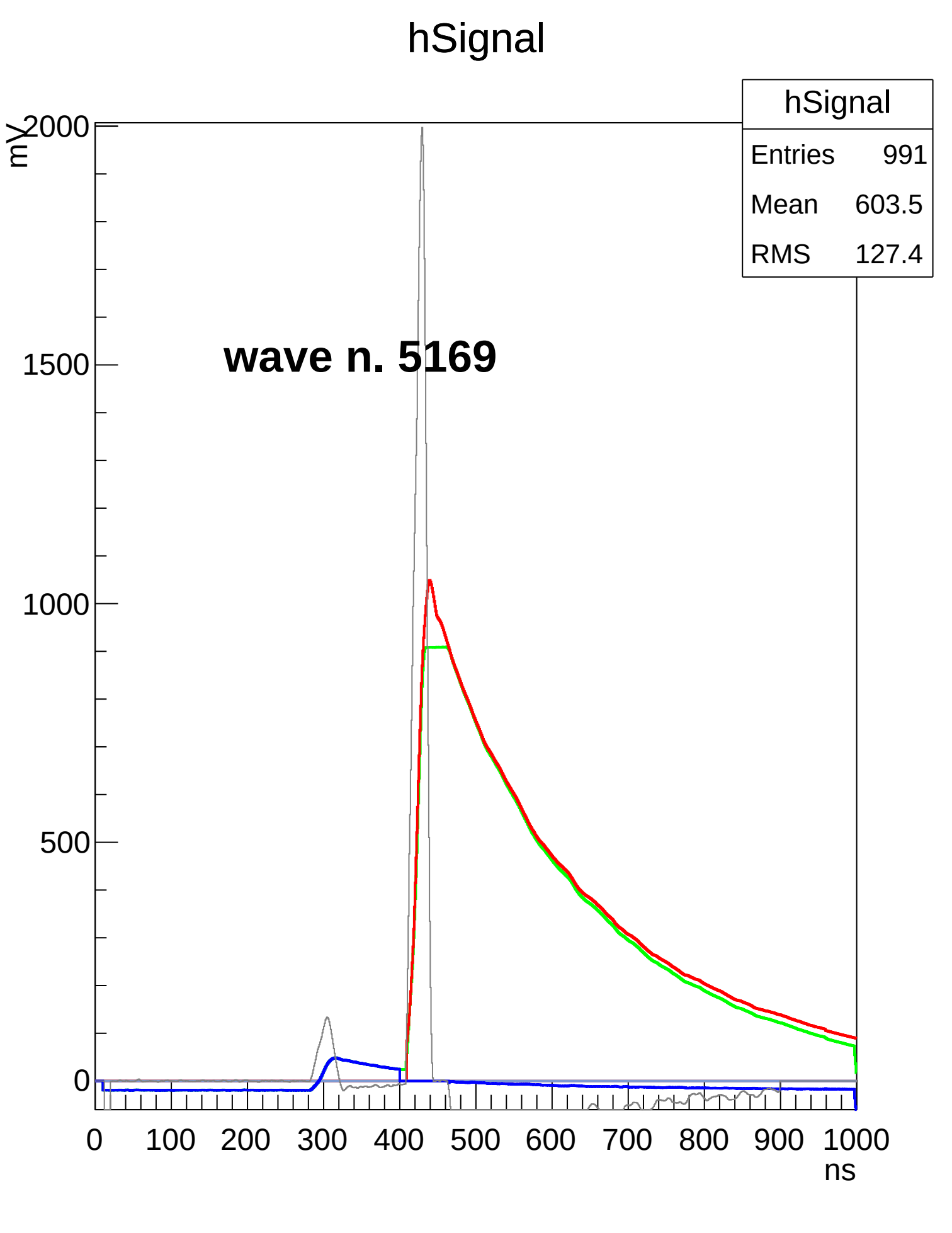
1000
ns


hSignal
hSignal
Entries 991
Mean 603.5
RMS 127.4
wave n. 5169
mV
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1500
1000
500
0
0
100
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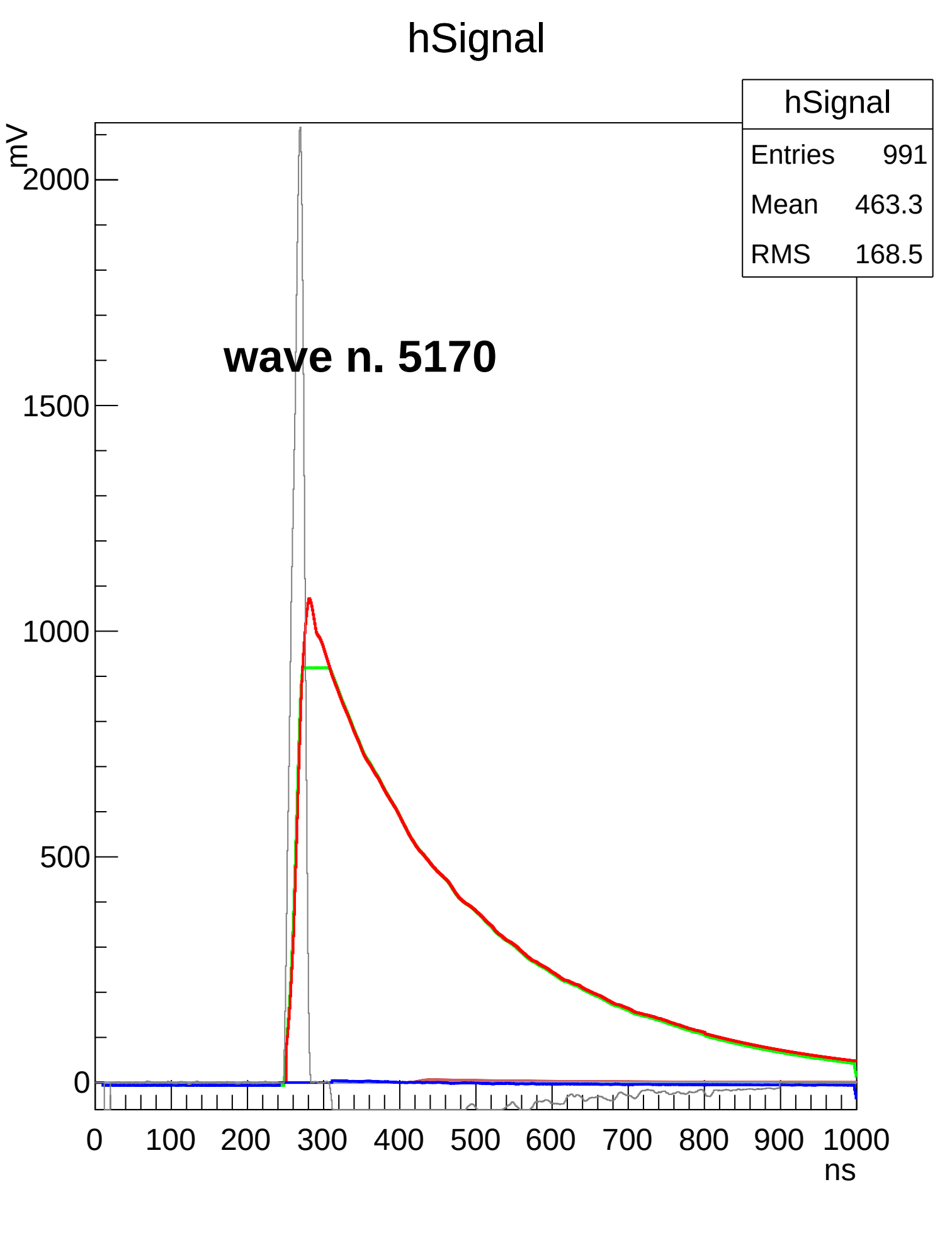
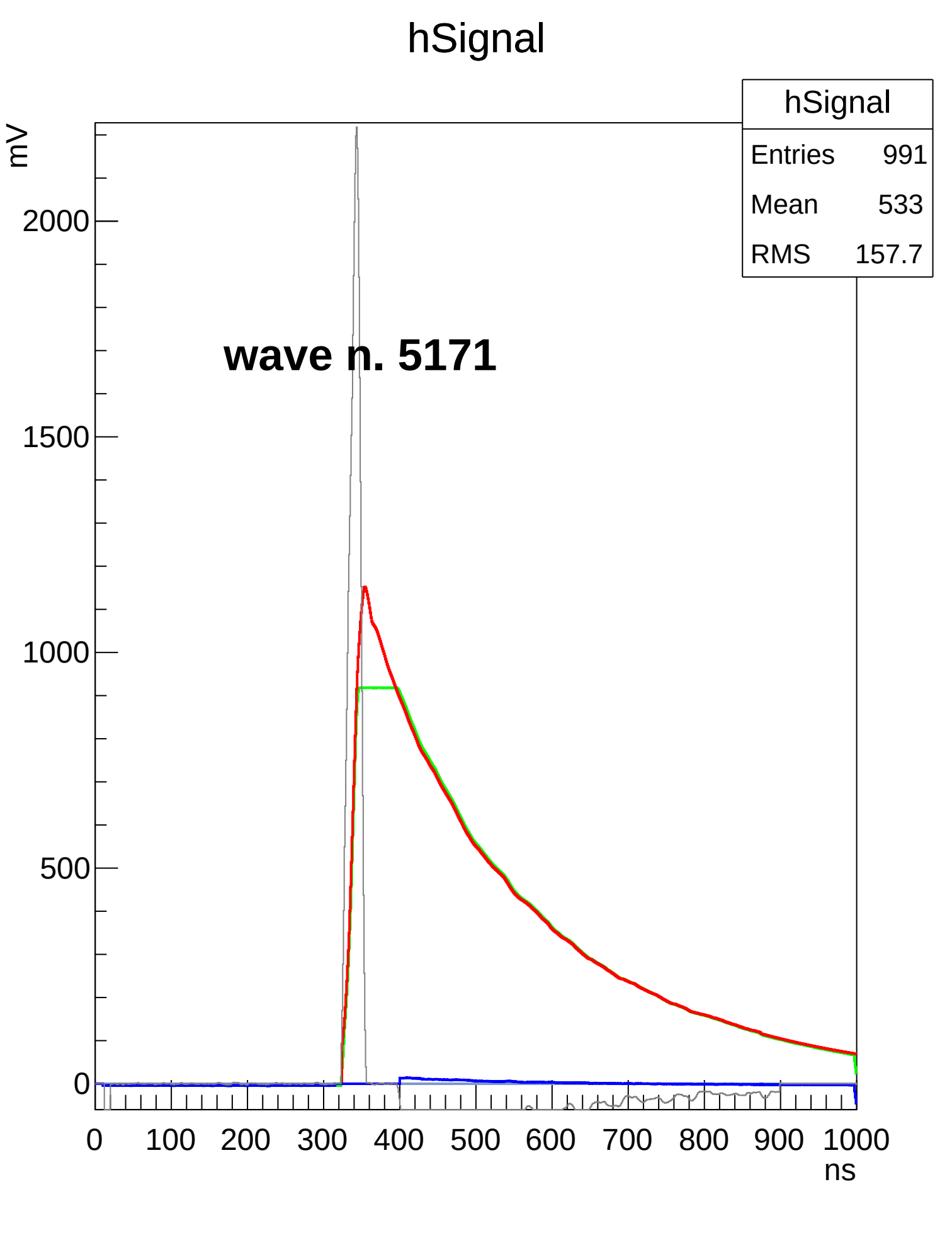
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 463.3
RMS 168.5
wave n. 5170
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 533
RMS 157.7
wave n. 5171
mV
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1500
1000
500
0
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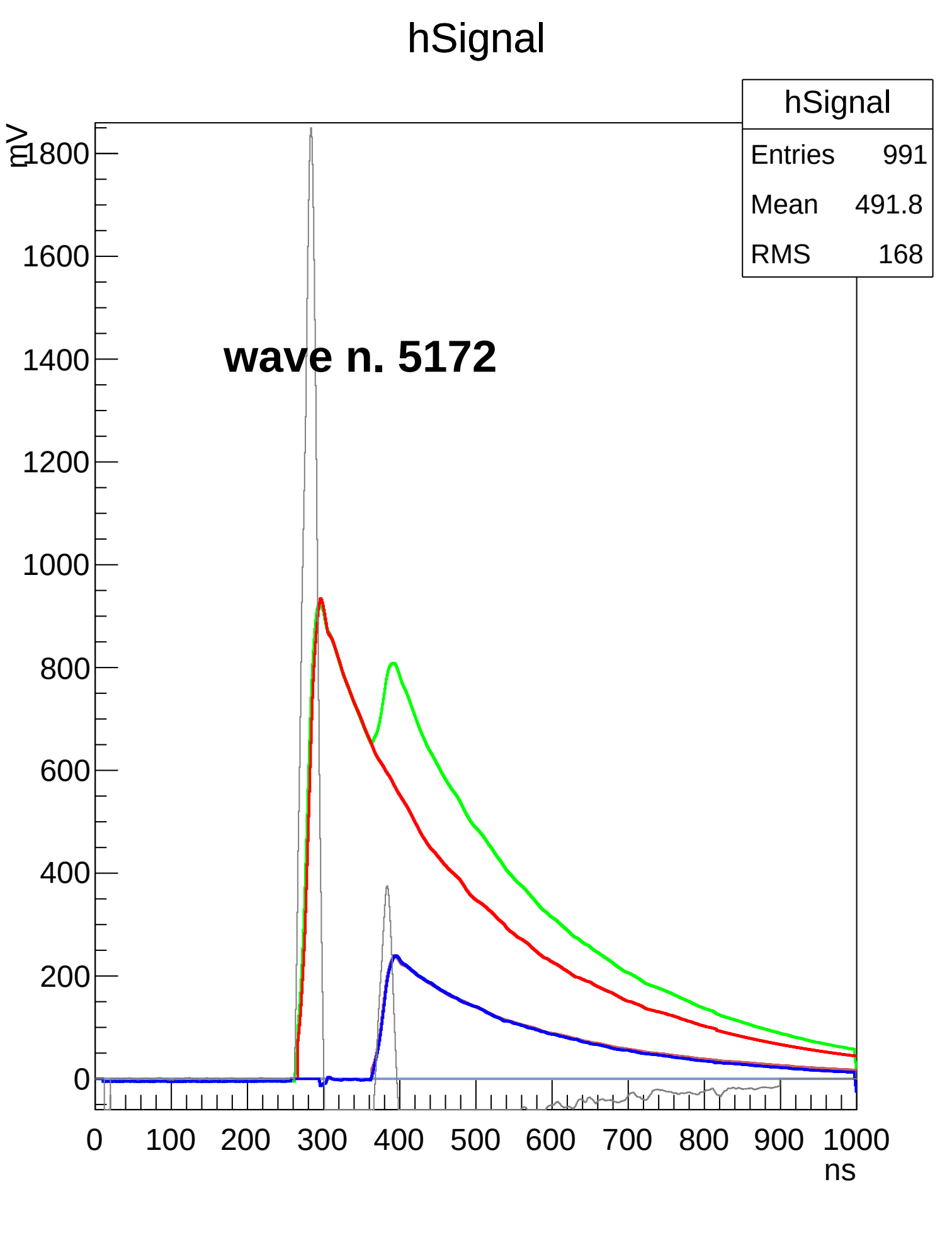
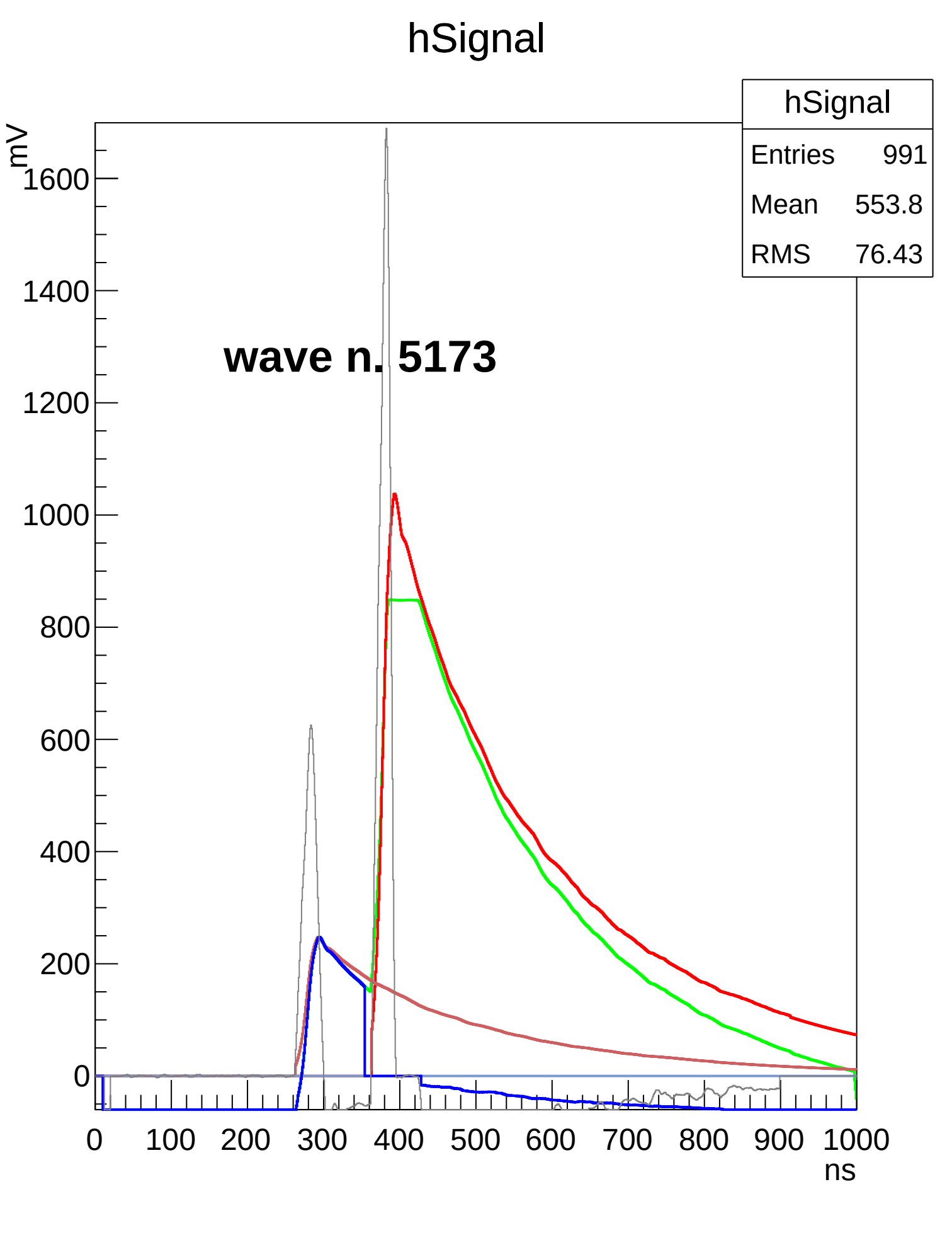
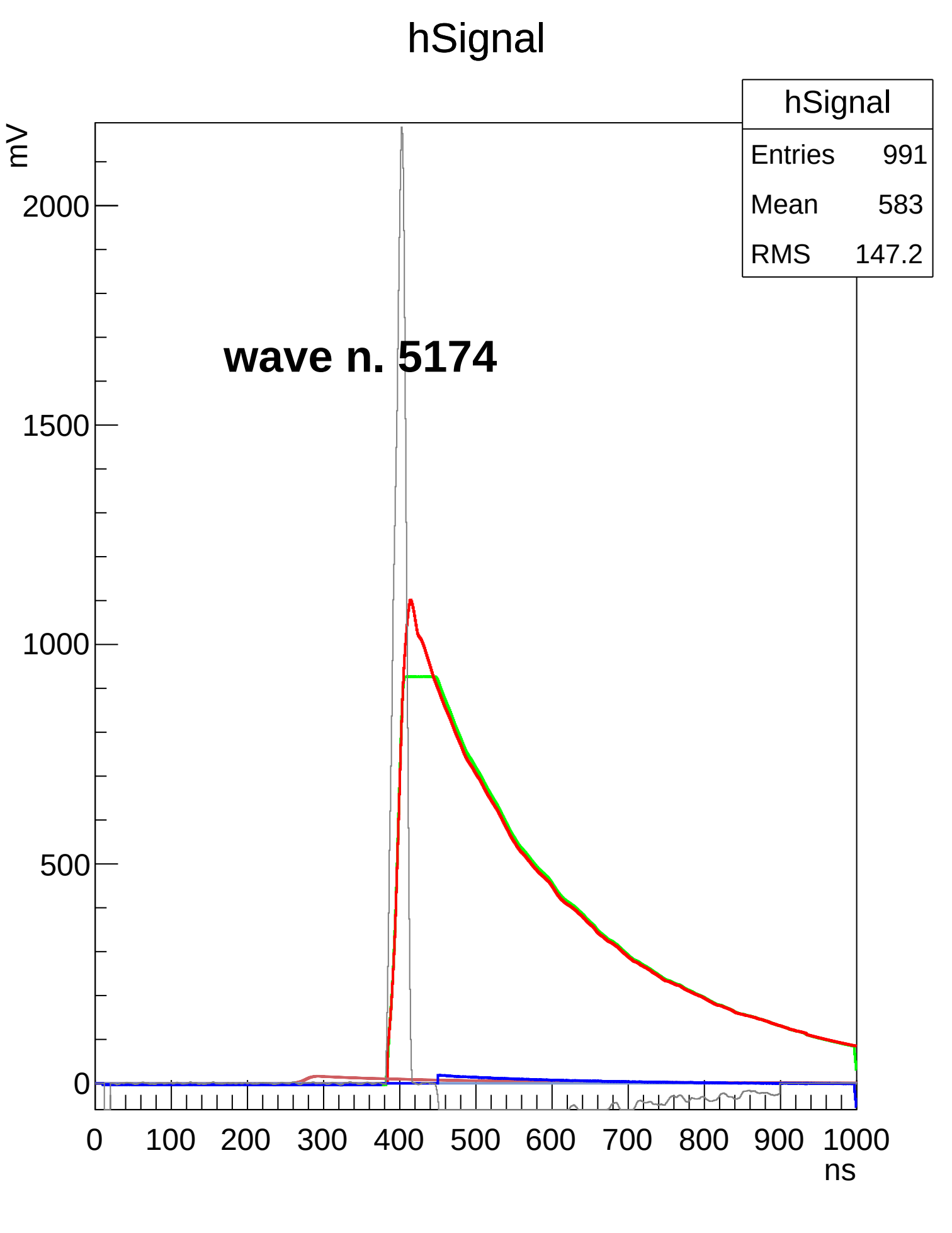
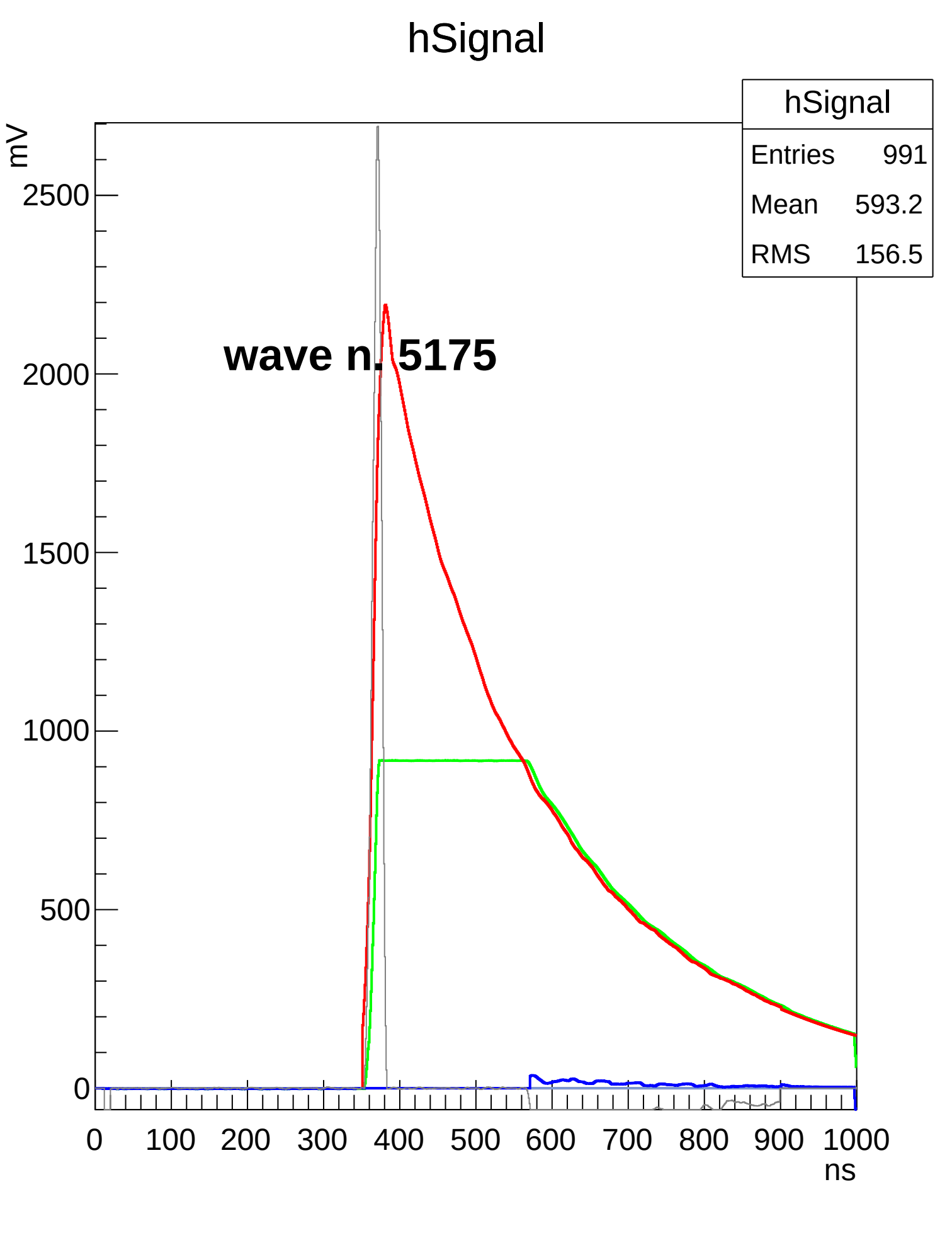
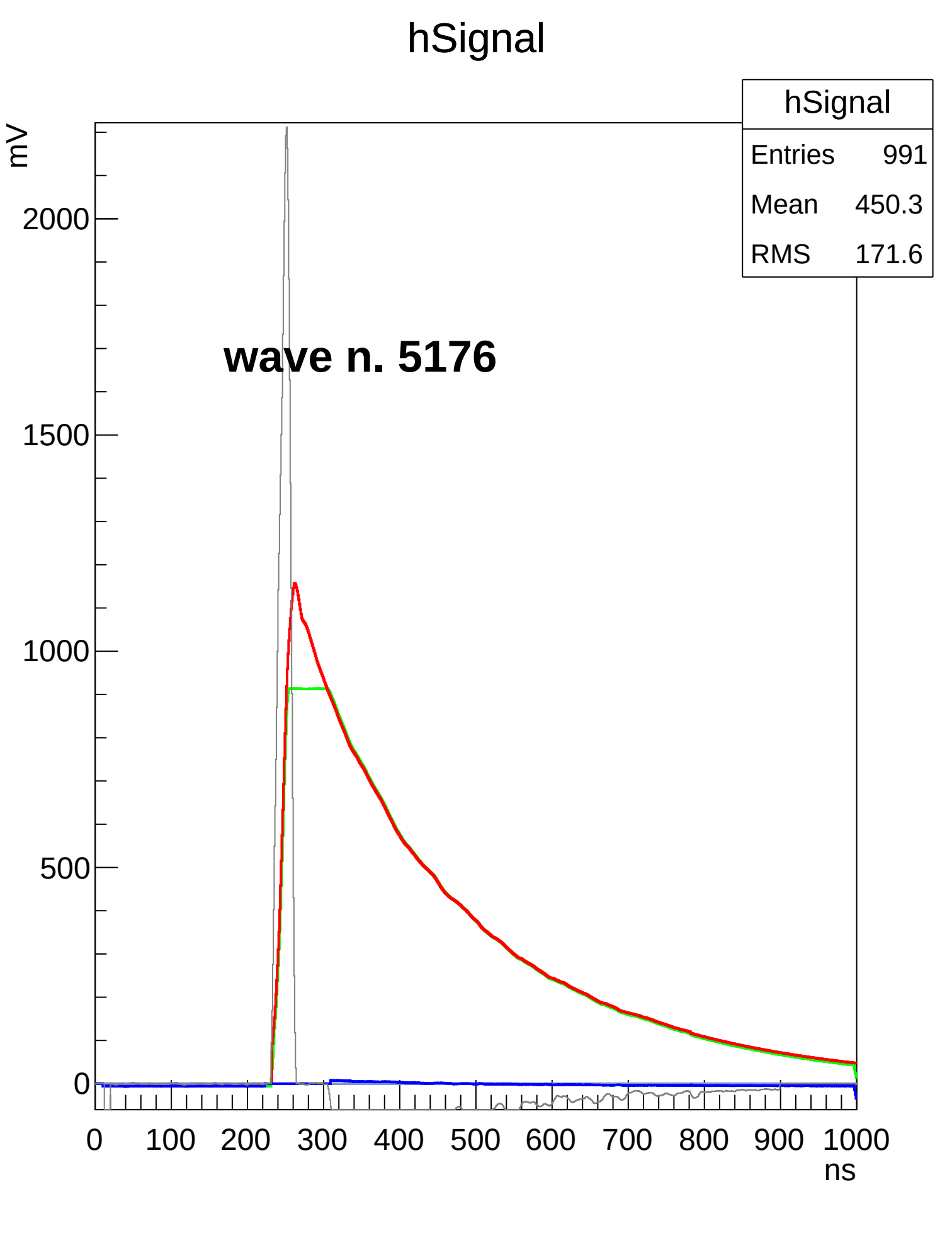
ns

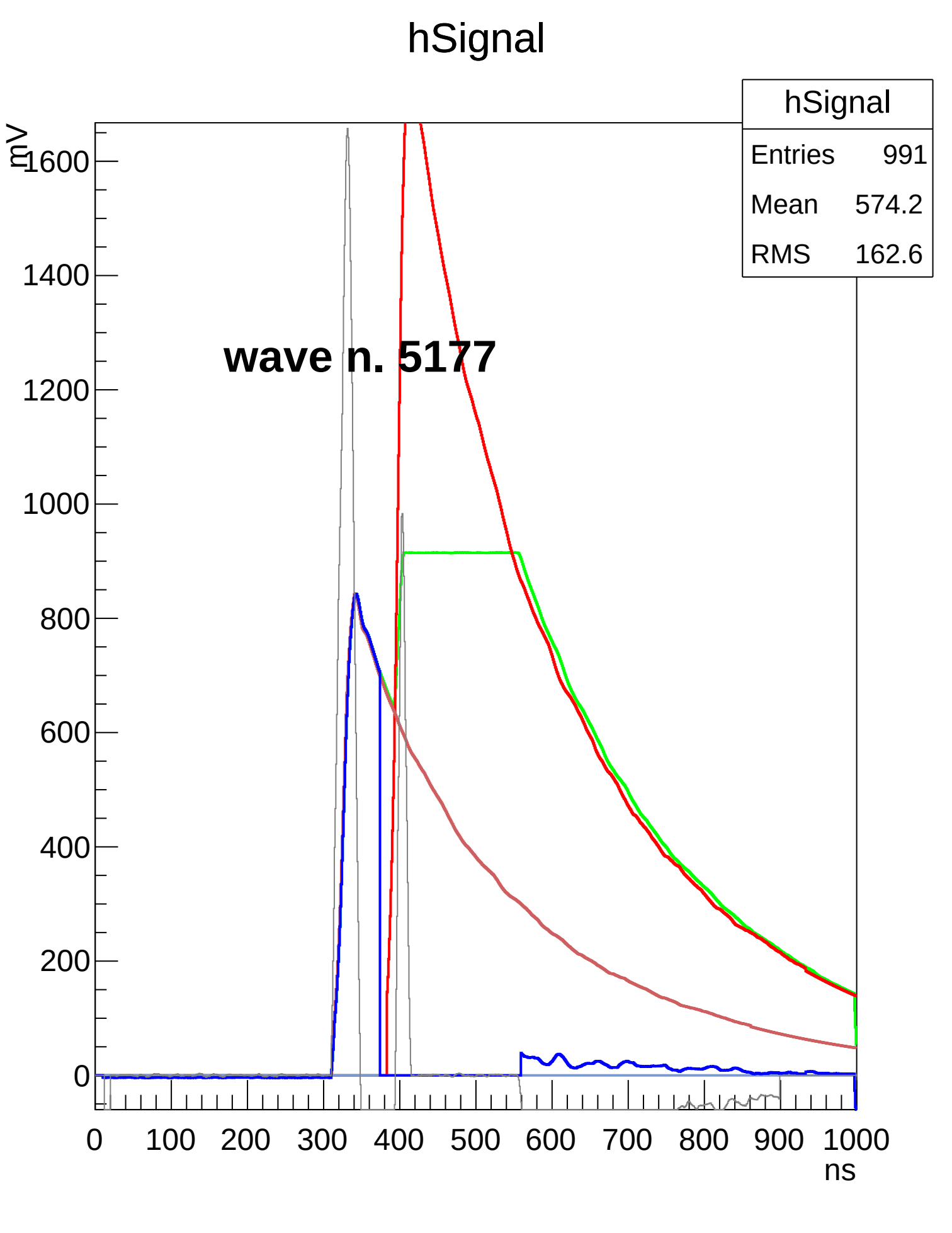

hSignal
hSignal
Entries 991
Mean 491.8
RMS 168
wave n. 5172
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

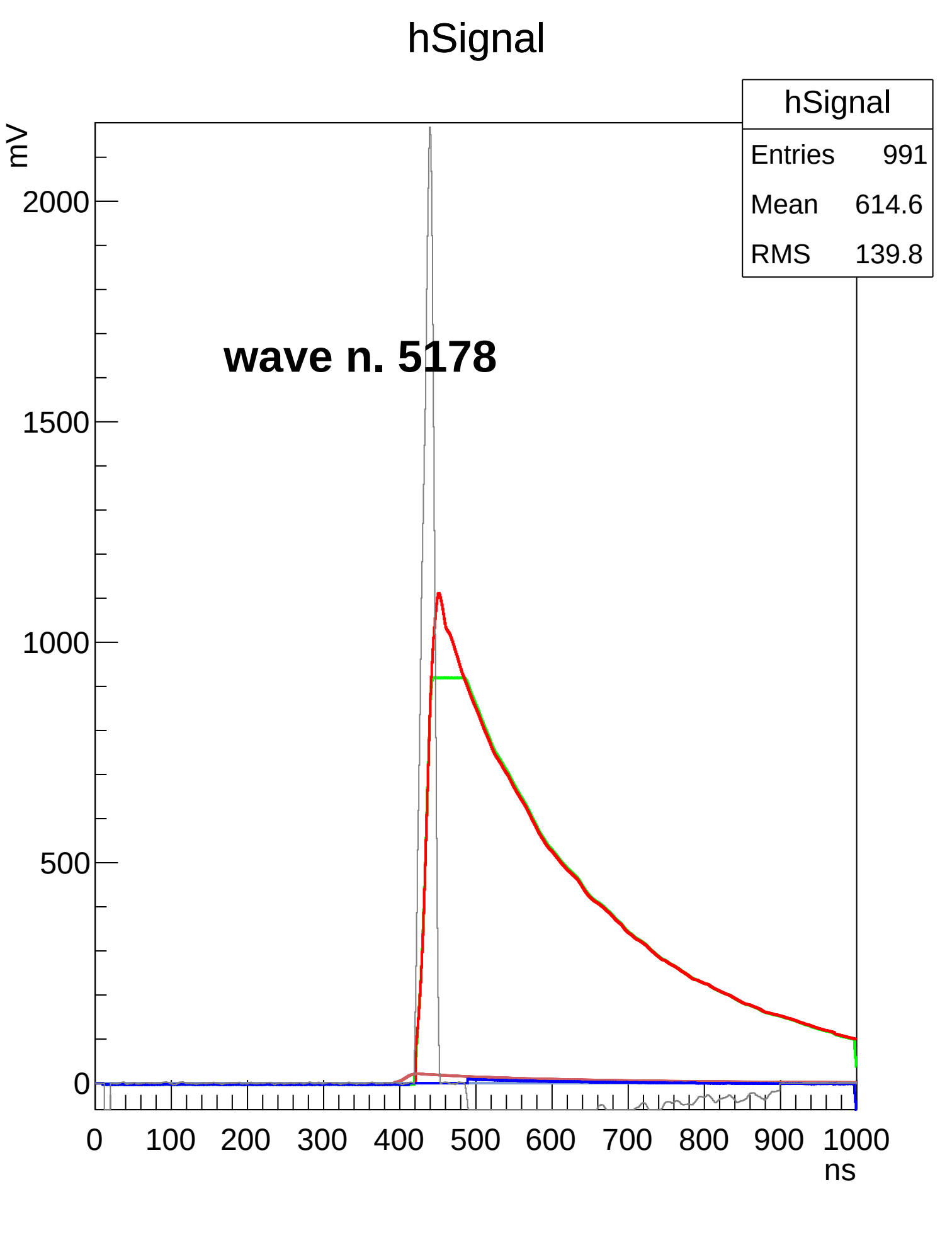

hSignal
hSignal
Entries 991
Mean 553.8
RMS 76.43
wave n. 5173
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

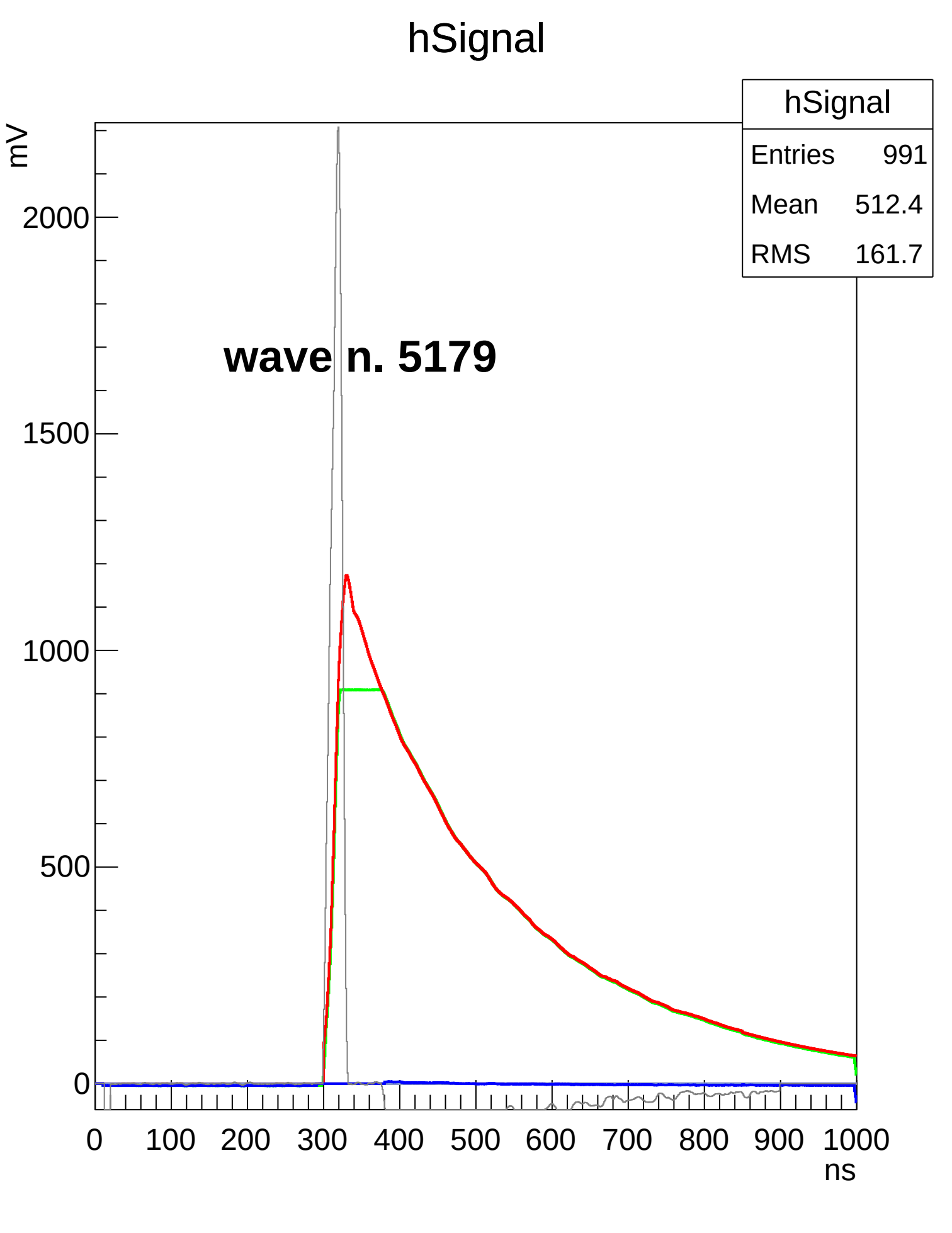

hSignal
hSignal
Entries 991
Mean 583
RMS 147.2
wave n. 5174
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

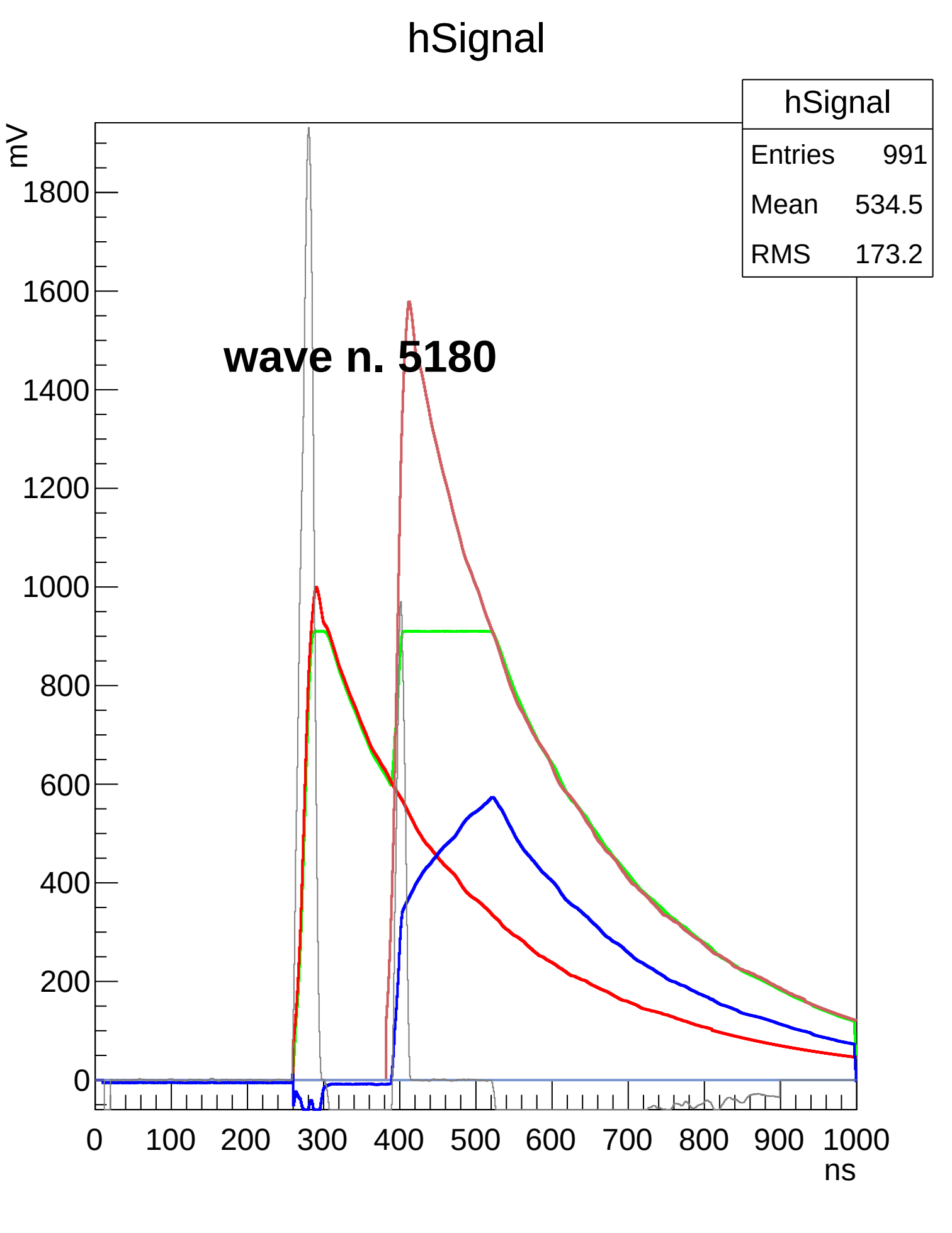

hSignal
hSignal
Entries 991
Mean 593.2
RMS 156.5
wave n. 5175
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

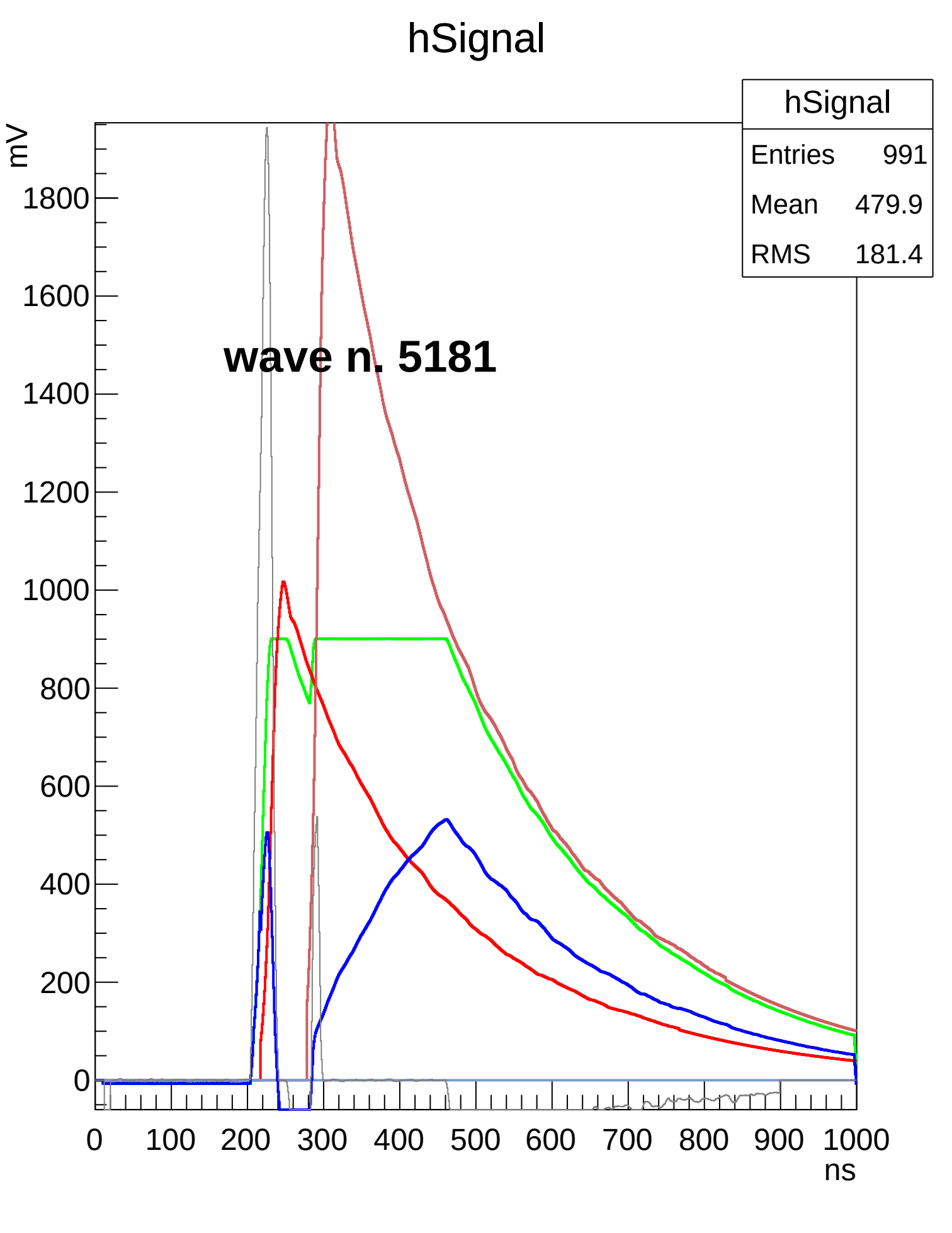

hSignal
hSignal
Entries 991
Mean 450.3
RMS 171.6
wave n. 5176
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

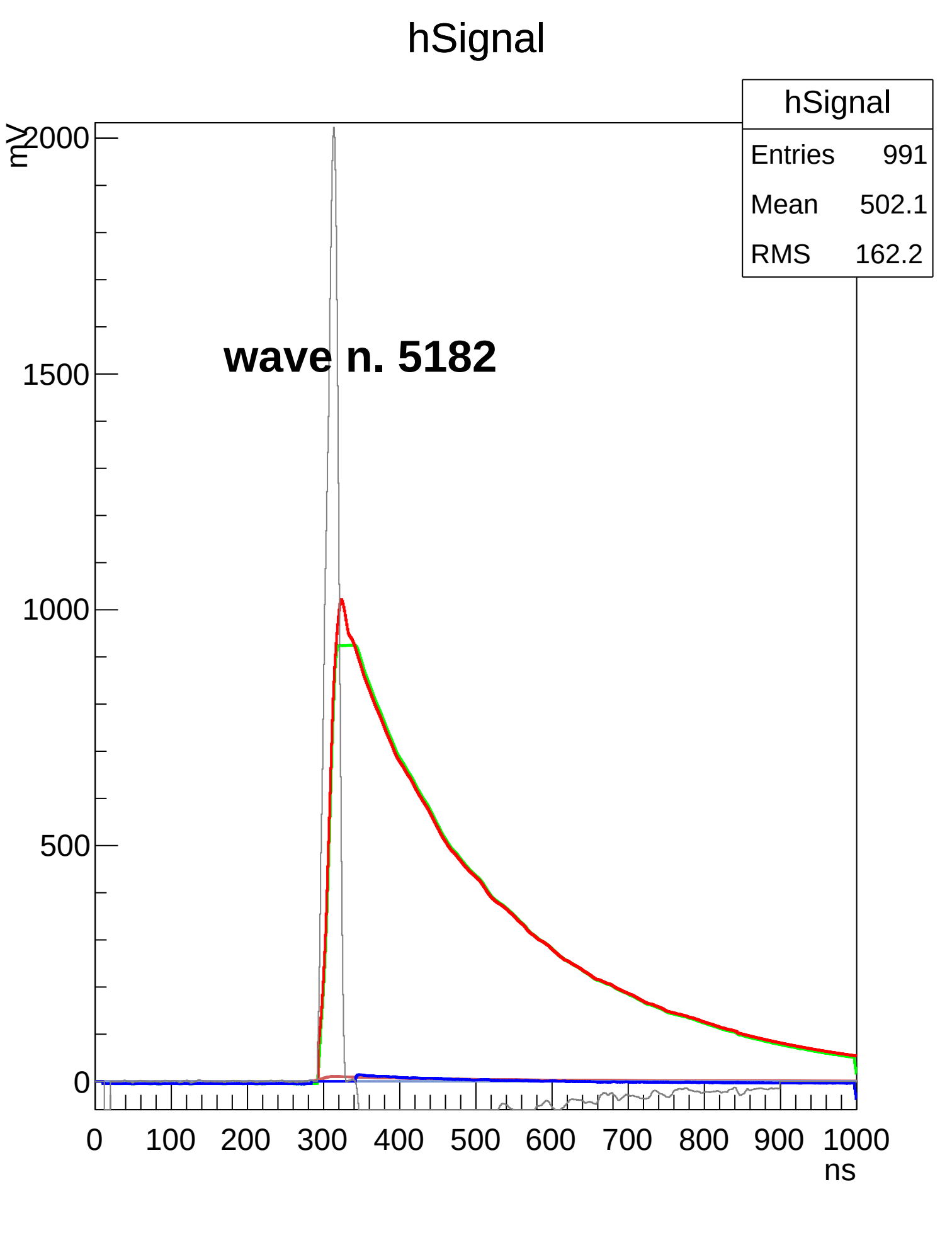

hSignal
hSignal
Entries 991
Mean 574.2
RMS 162.6
wave n. 5177
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

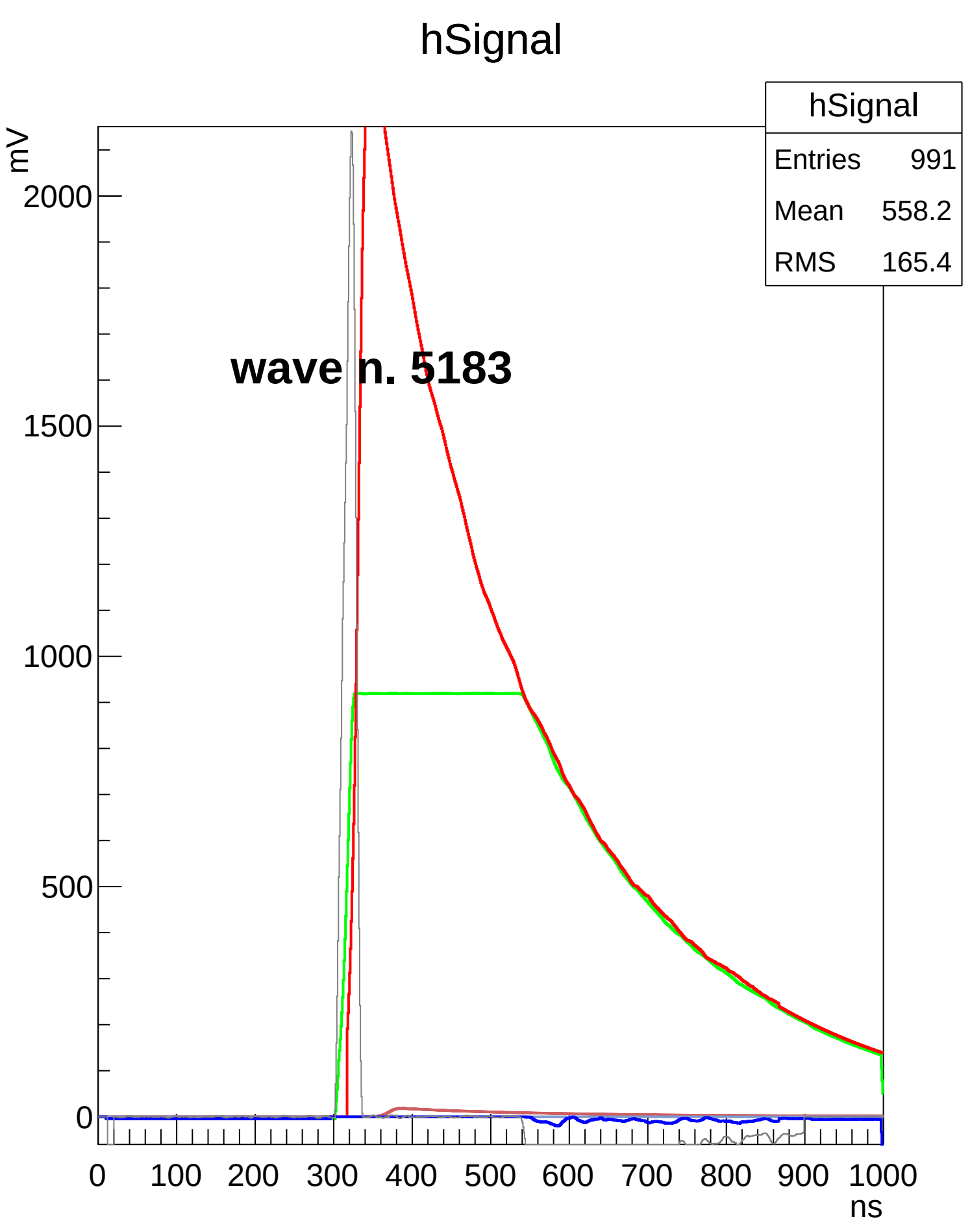

hSignal
hSignal
Entries 991
Mean 614.6
RMS 139.8
wave n. 5178
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.4
RMS 161.7
wave n. 5179
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.5
RMS 173.2
wave n. 5180
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 479.9
RMS 181.4
wave n. 5181
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.1
RMS 162.2
wave n. 5182
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558.2
RMS 165.4
wave n. 5183
mV
2000
1500
1000
500
0
0
100
200
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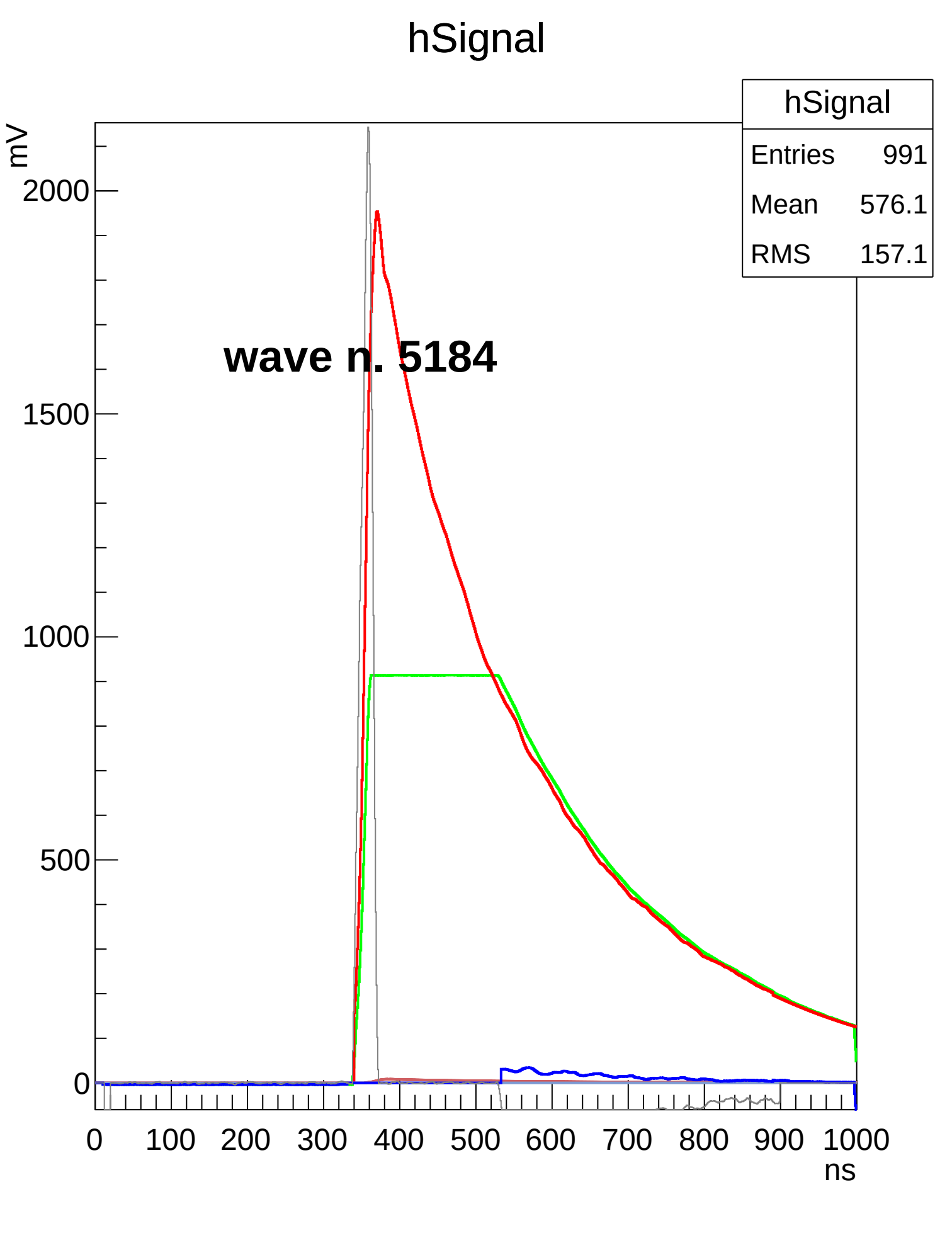
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576.1
RMS 157.1
wave n. 5184
mV
2000
1500
1000
500
0
0
100
200
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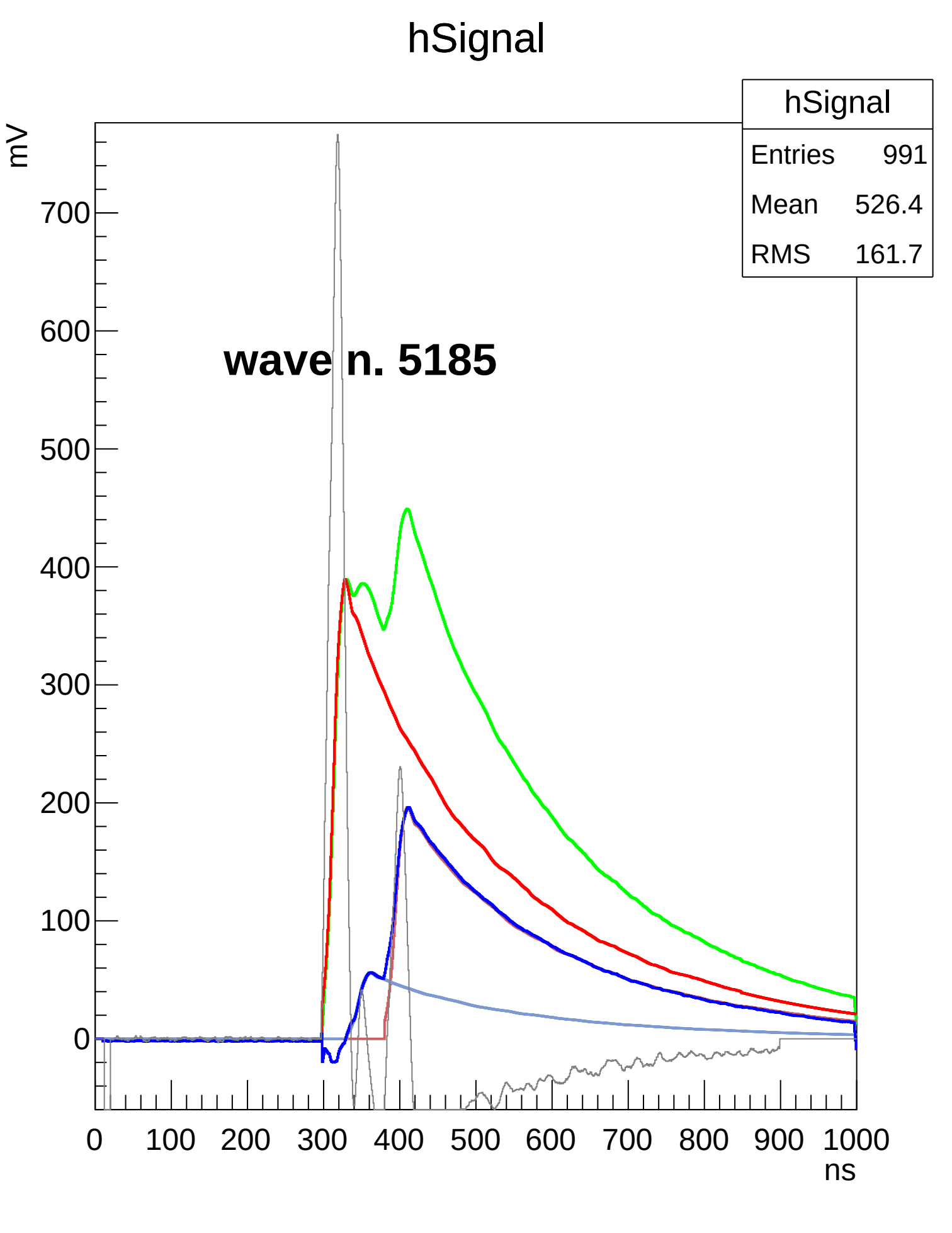
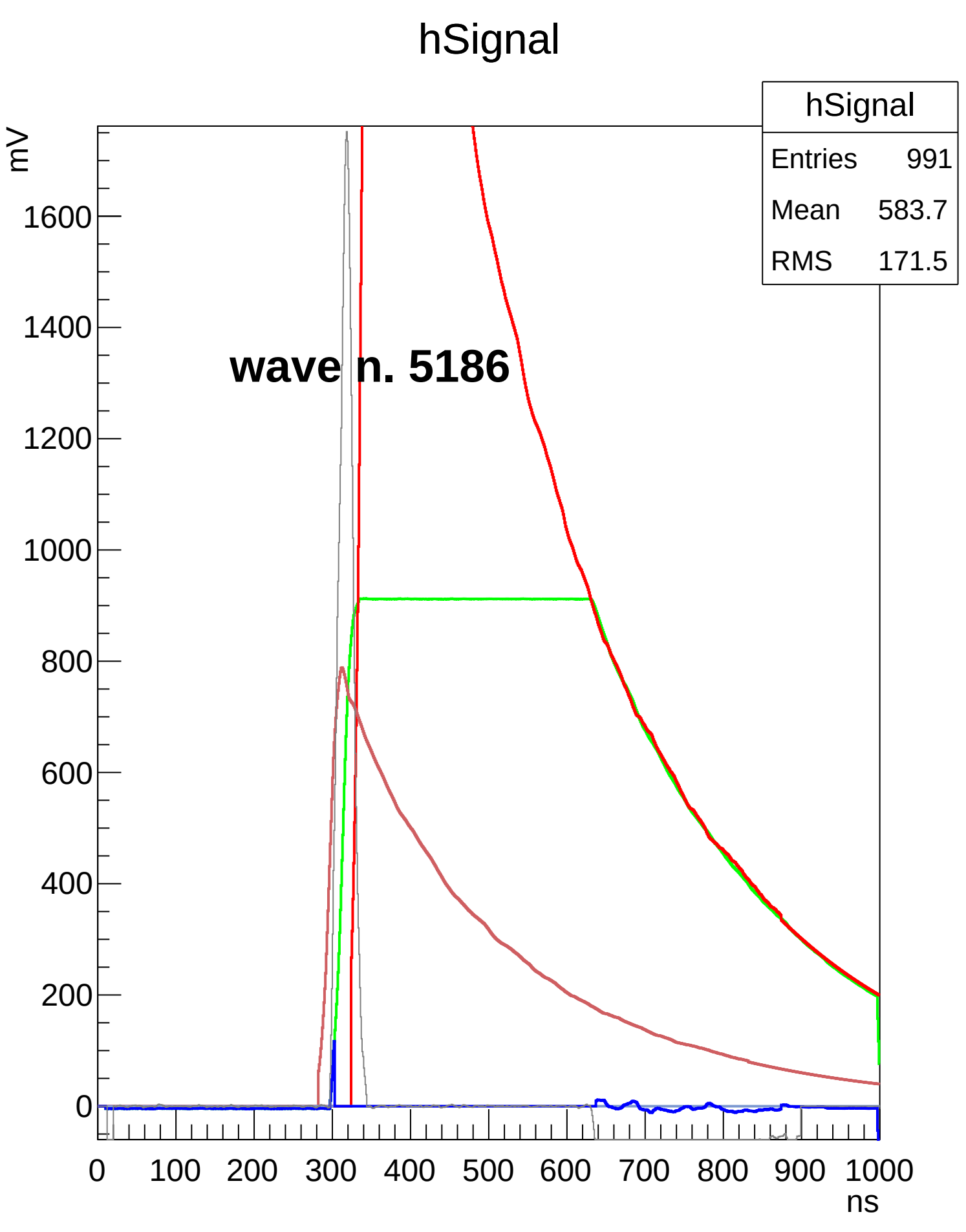
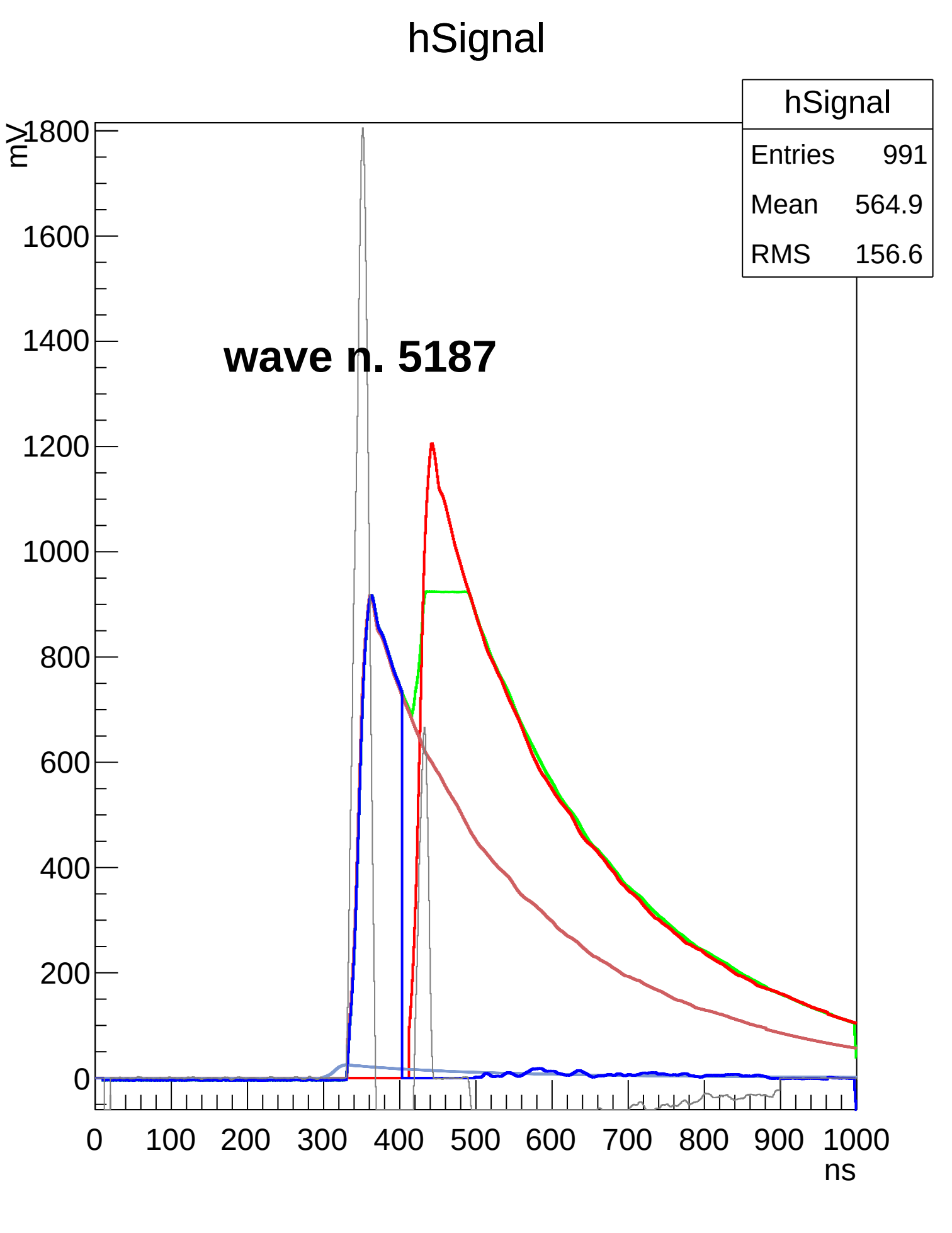
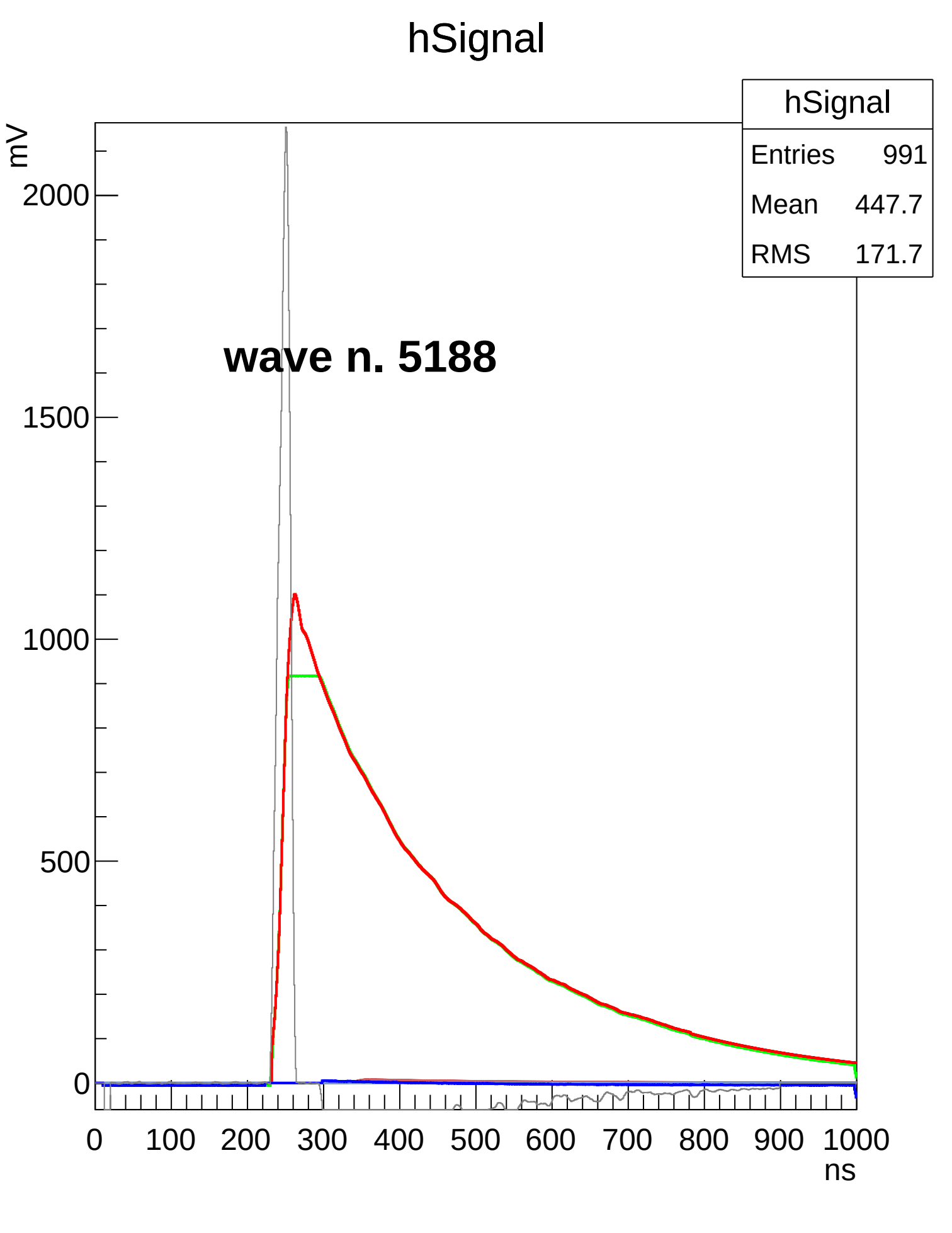
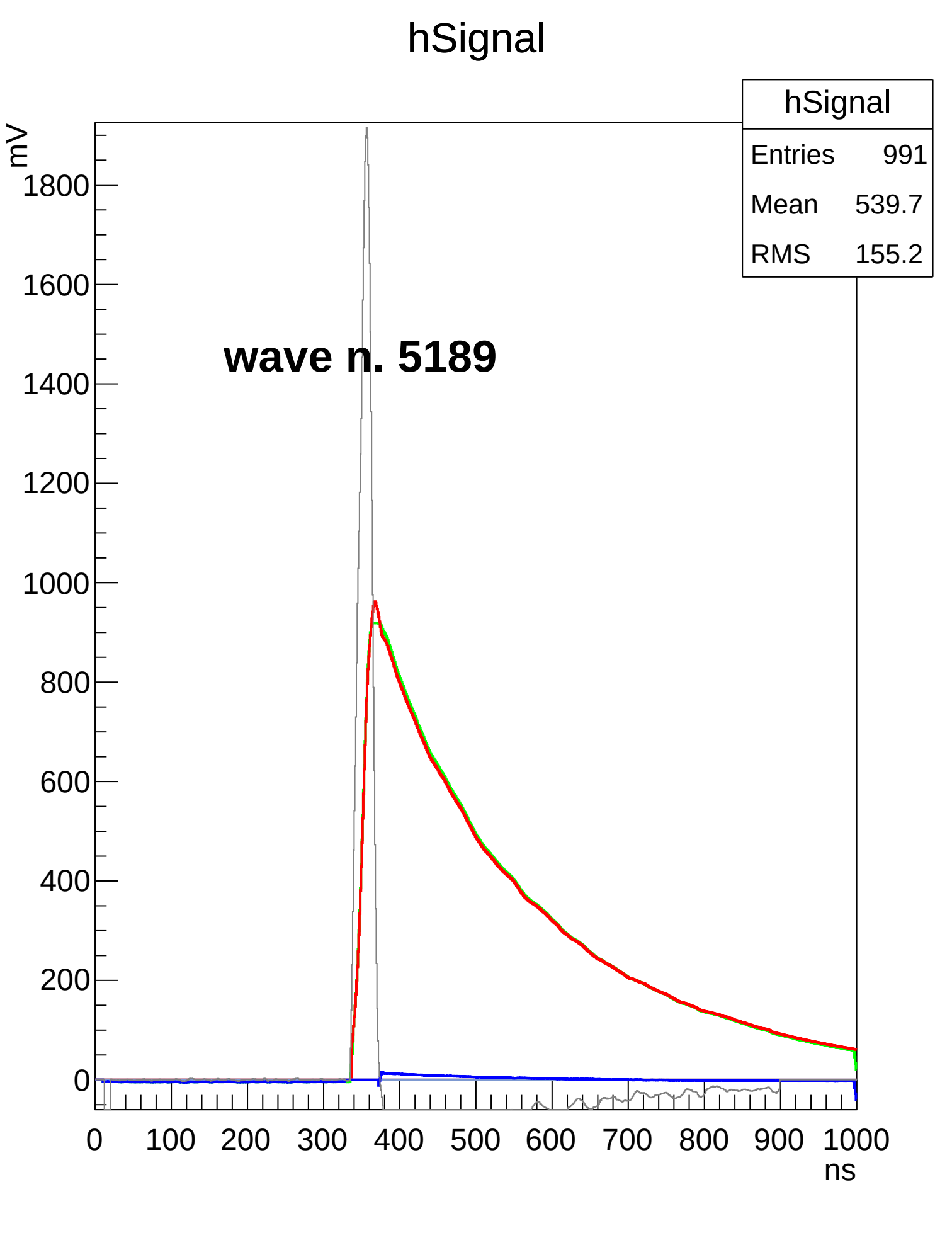
400
500
600
700
800
900
1000
ns

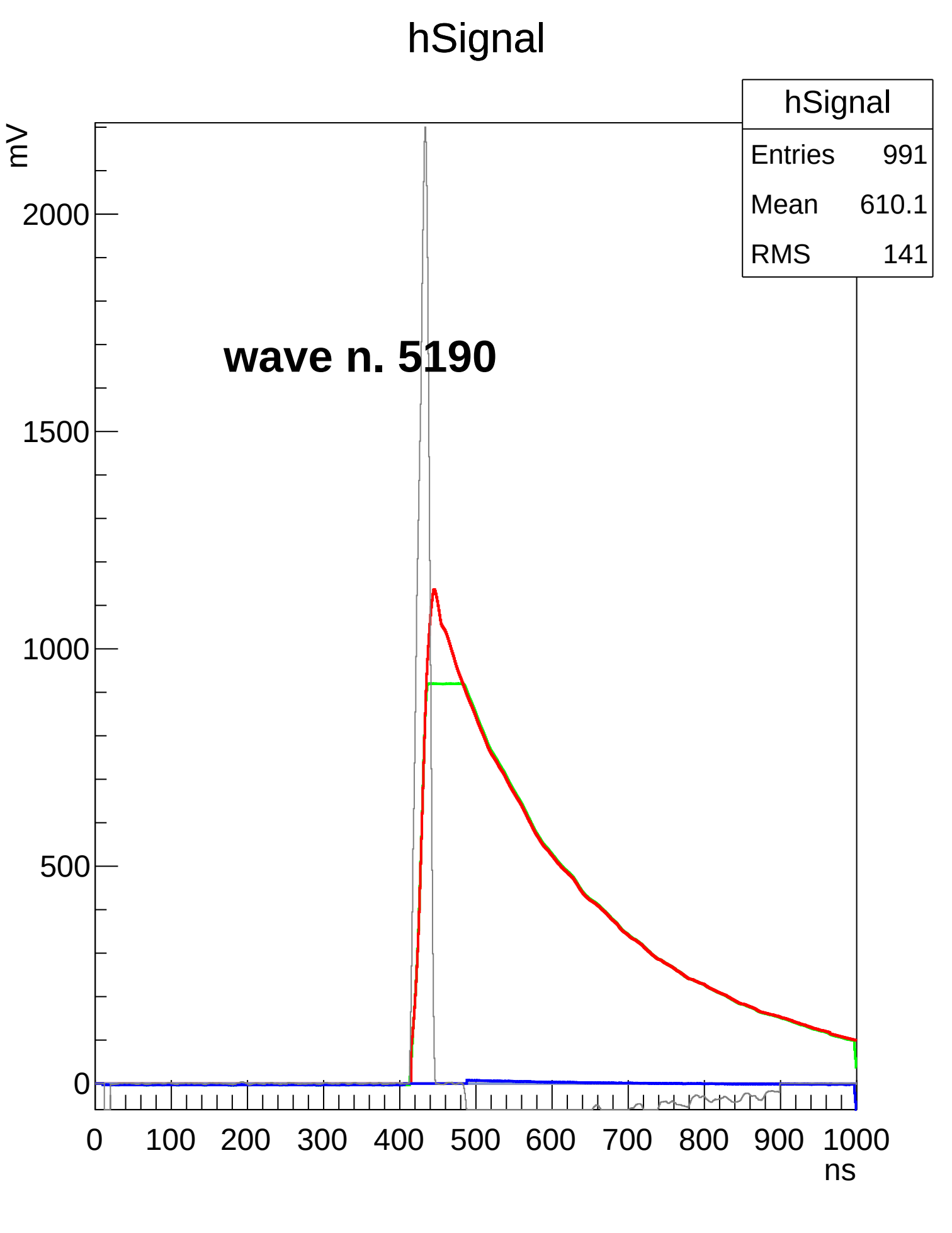

hSignal
hSignal
Entries 991
Mean 526.4
RMS 161.7
wave n. 5185
mV
700
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns

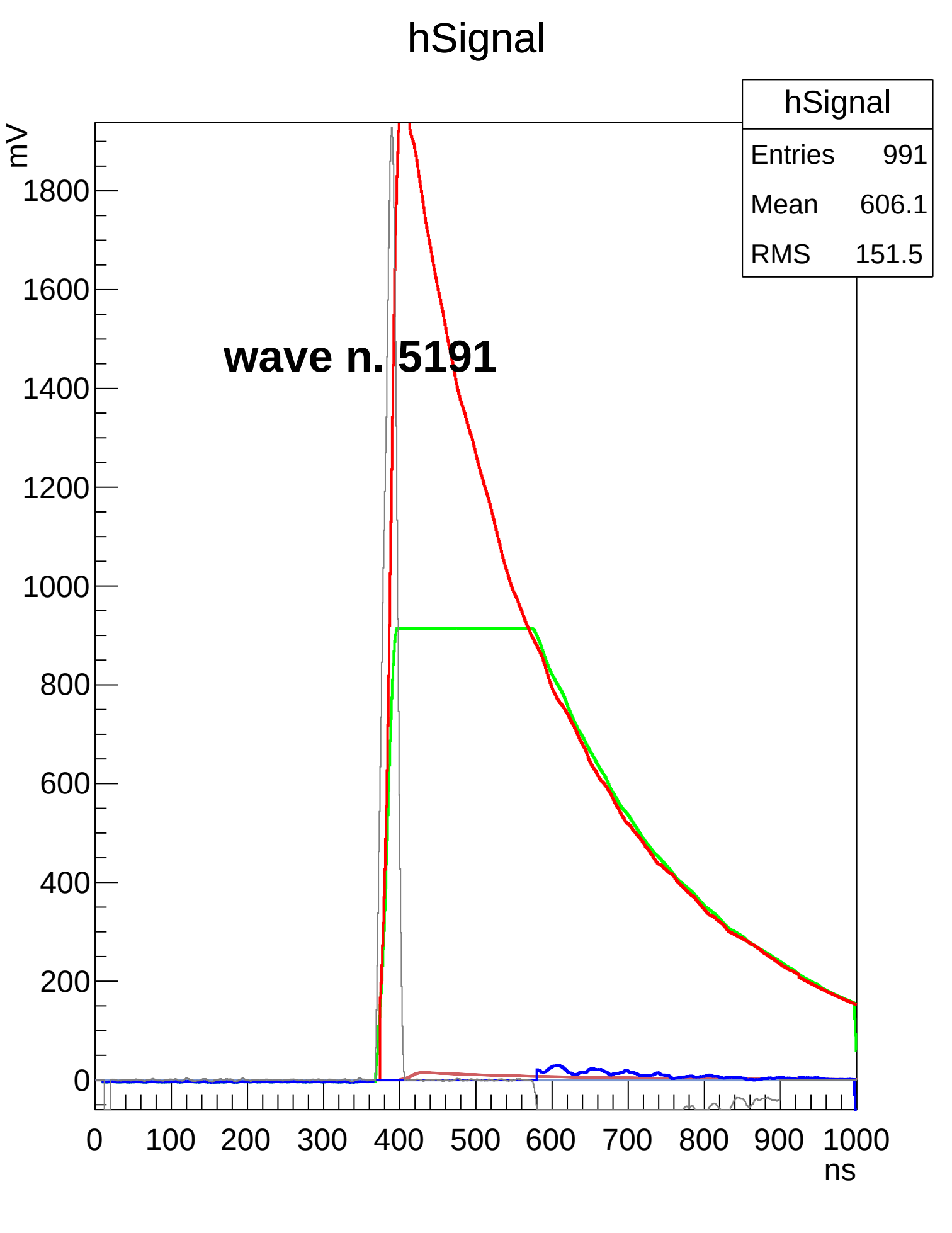

hSignal
hSignal
Entries 991
Mean 583.7
RMS 171.5
wave n. 5186
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

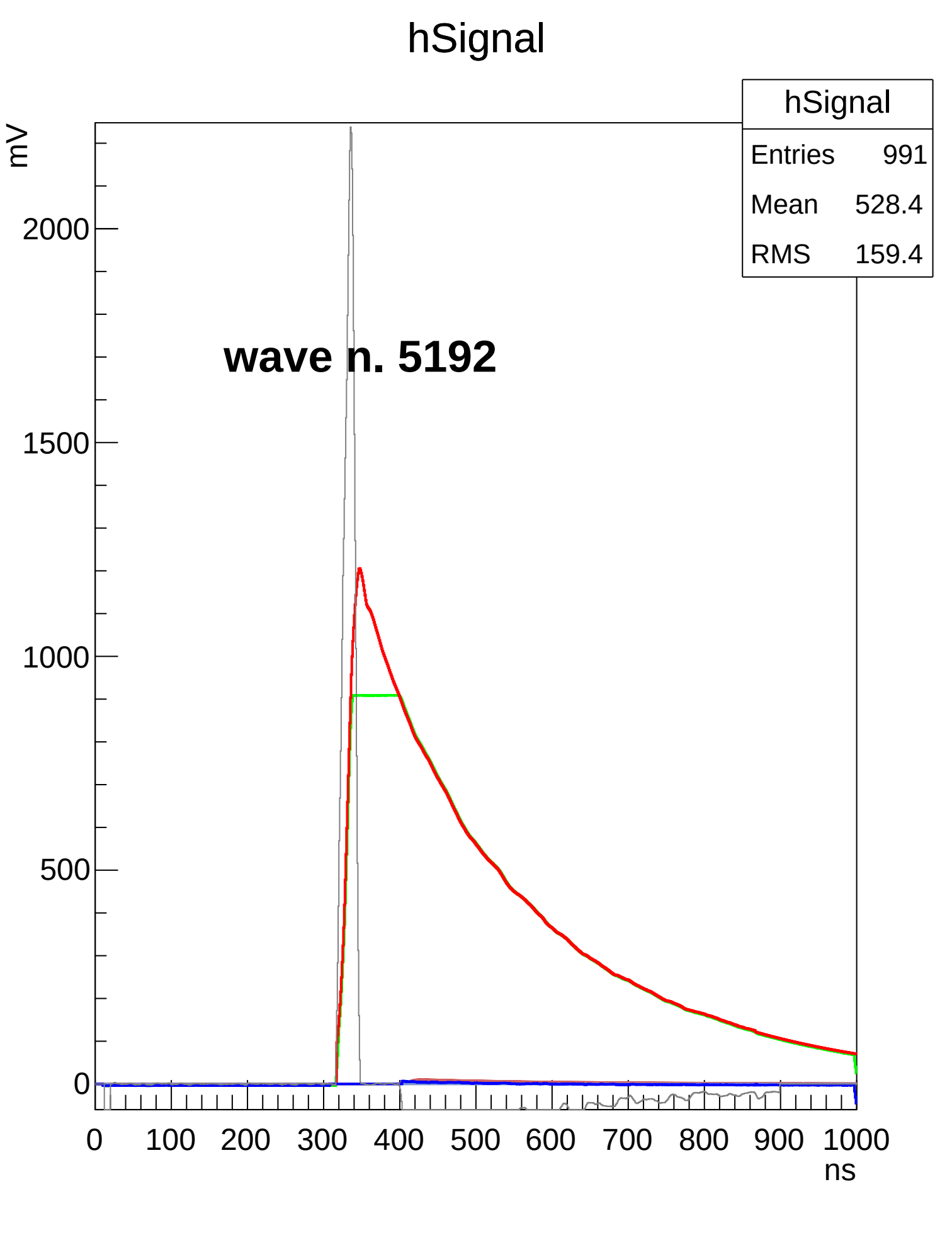

hSignal
hSignal
Entries 991
Mean 564.9
RMS 156.6
wave n. 5187
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

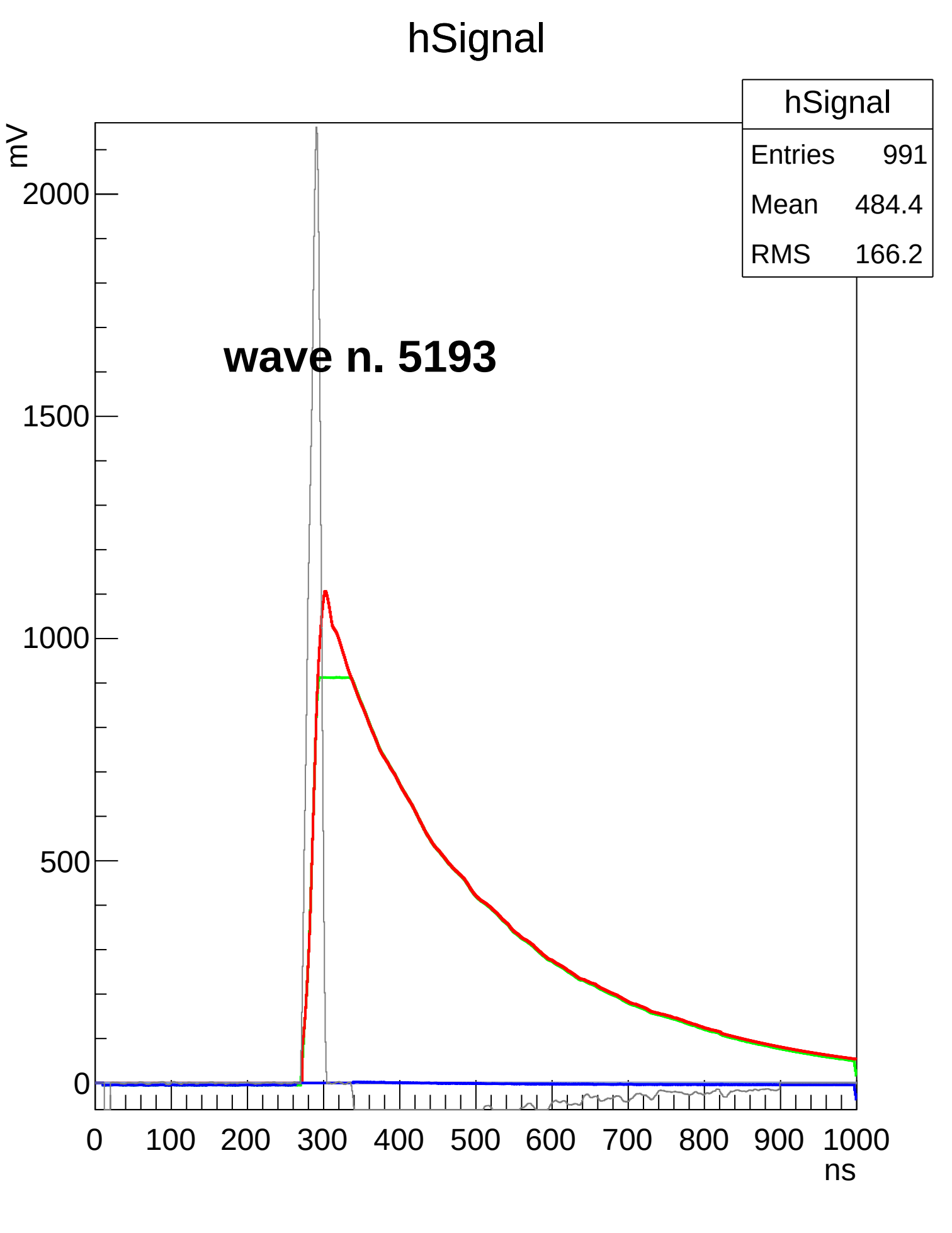

hSignal
hSignal
Entries 991
Mean 447.7
RMS 171.7
wave n. 5188
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

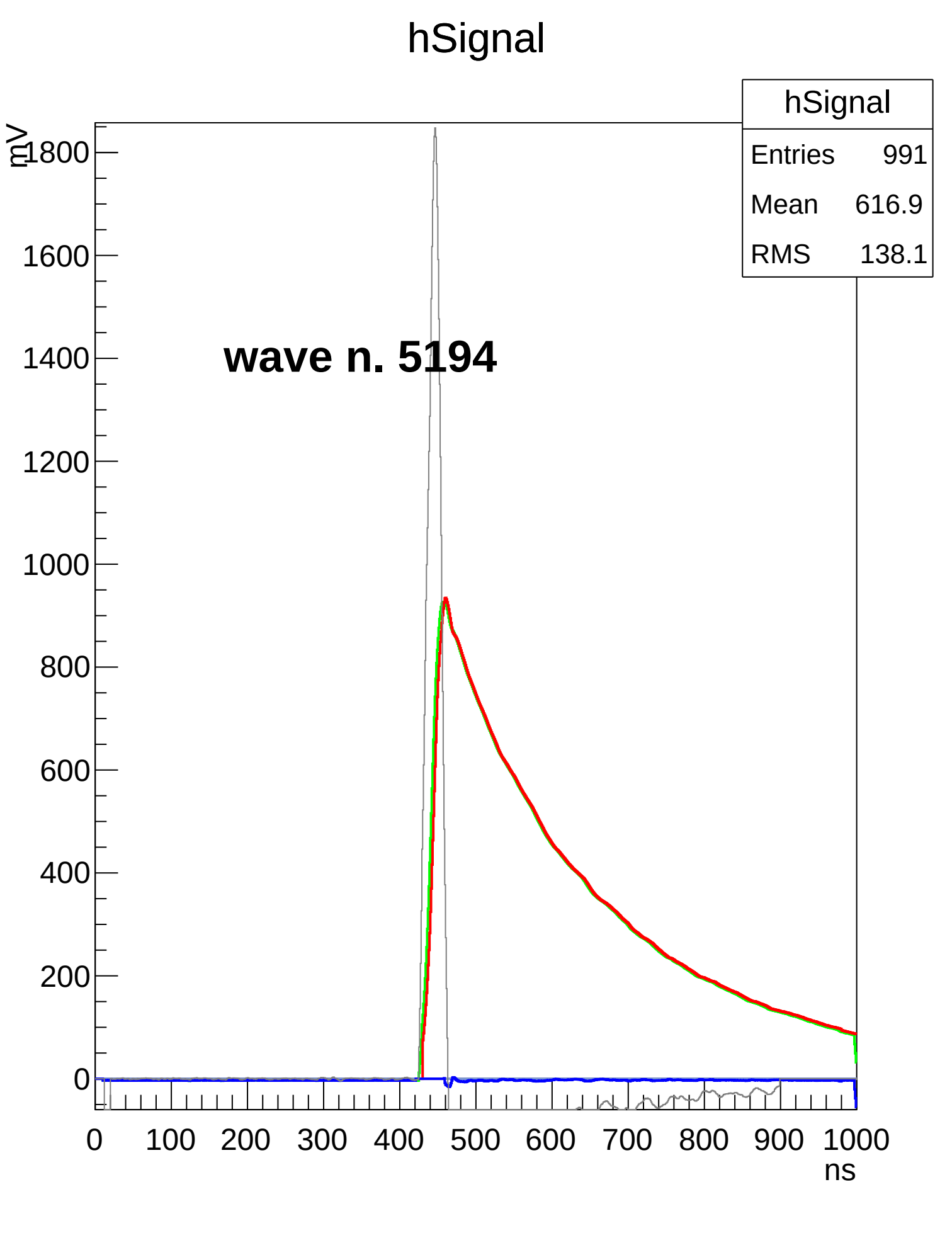

hSignal
hSignal
Entries 991
Mean 539.7
RMS 155.2
wave n. 5189
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 610.1
RMS 141
wave n. 5190
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 606.1
RMS 151.5
wave n. 5191
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 528.4
RMS 159.4
wave n. 5192
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 484.4
RMS 166.2
wave n. 5193
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 616.9
RMS 138.1
wave n. 5194
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
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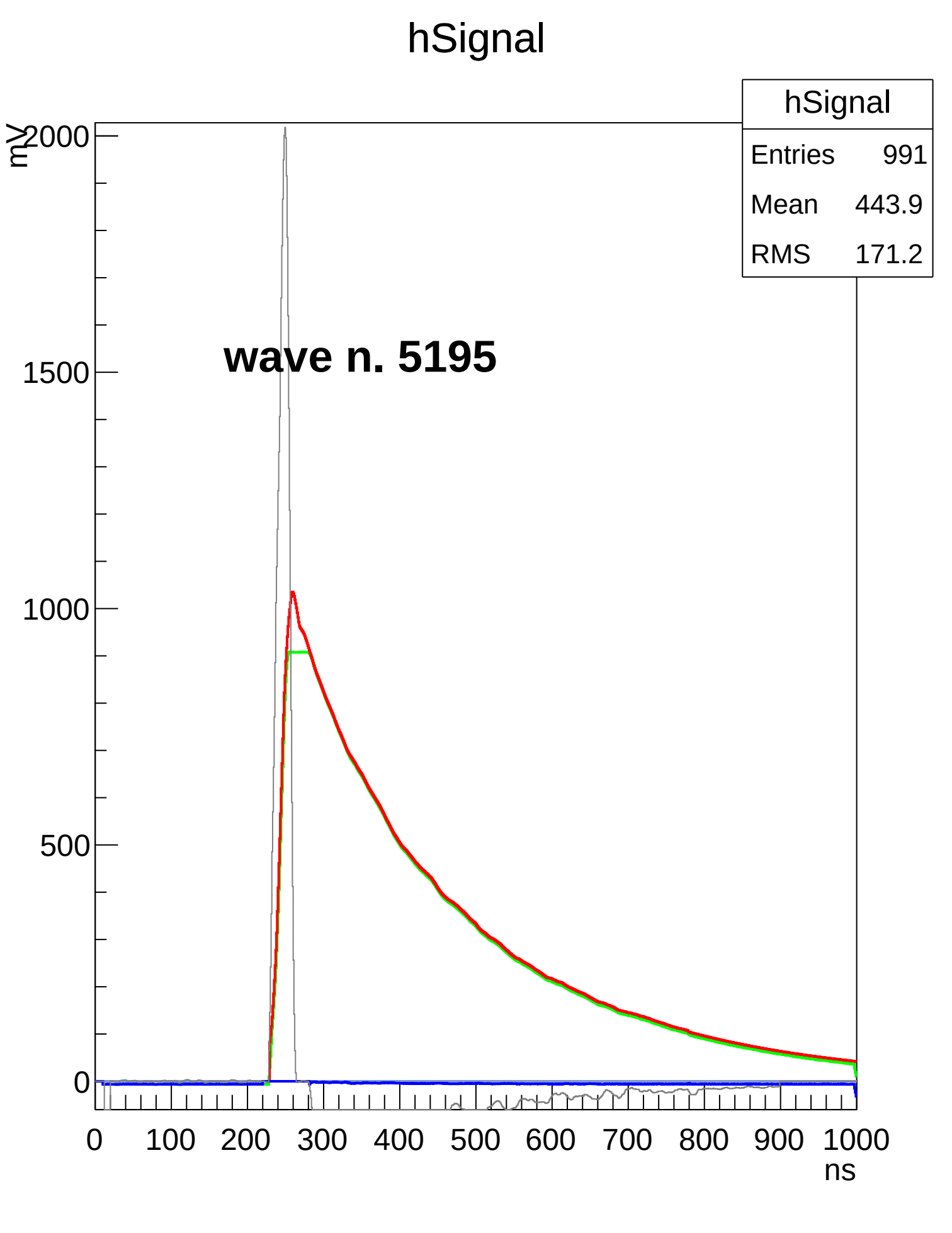
900
1000
ns


hSignal
hSignal
Entries 991
Mean 443.9
RMS 171.2
wave n. 5195
mV
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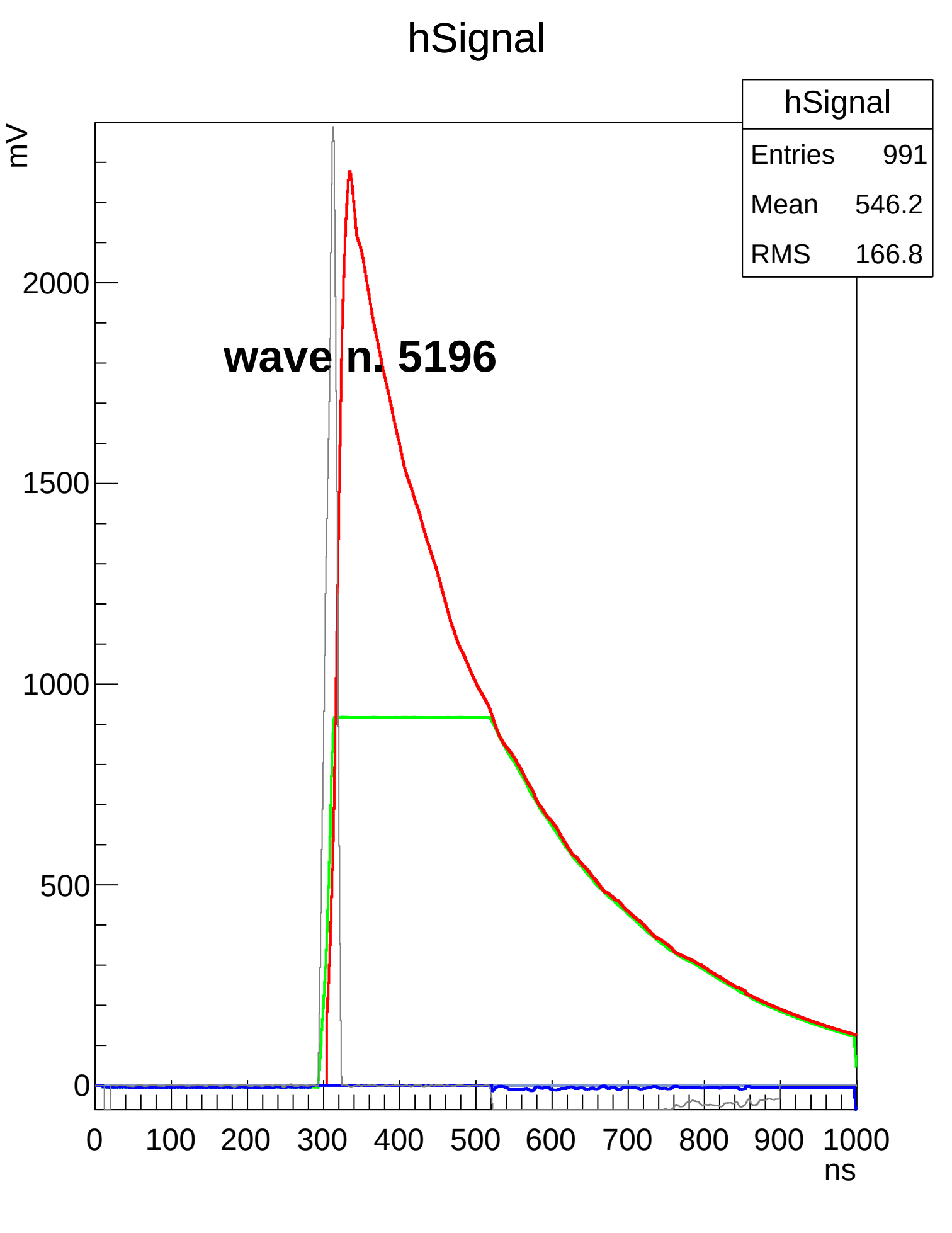
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 546.2
RMS 166.8
wave n. 5196
mV
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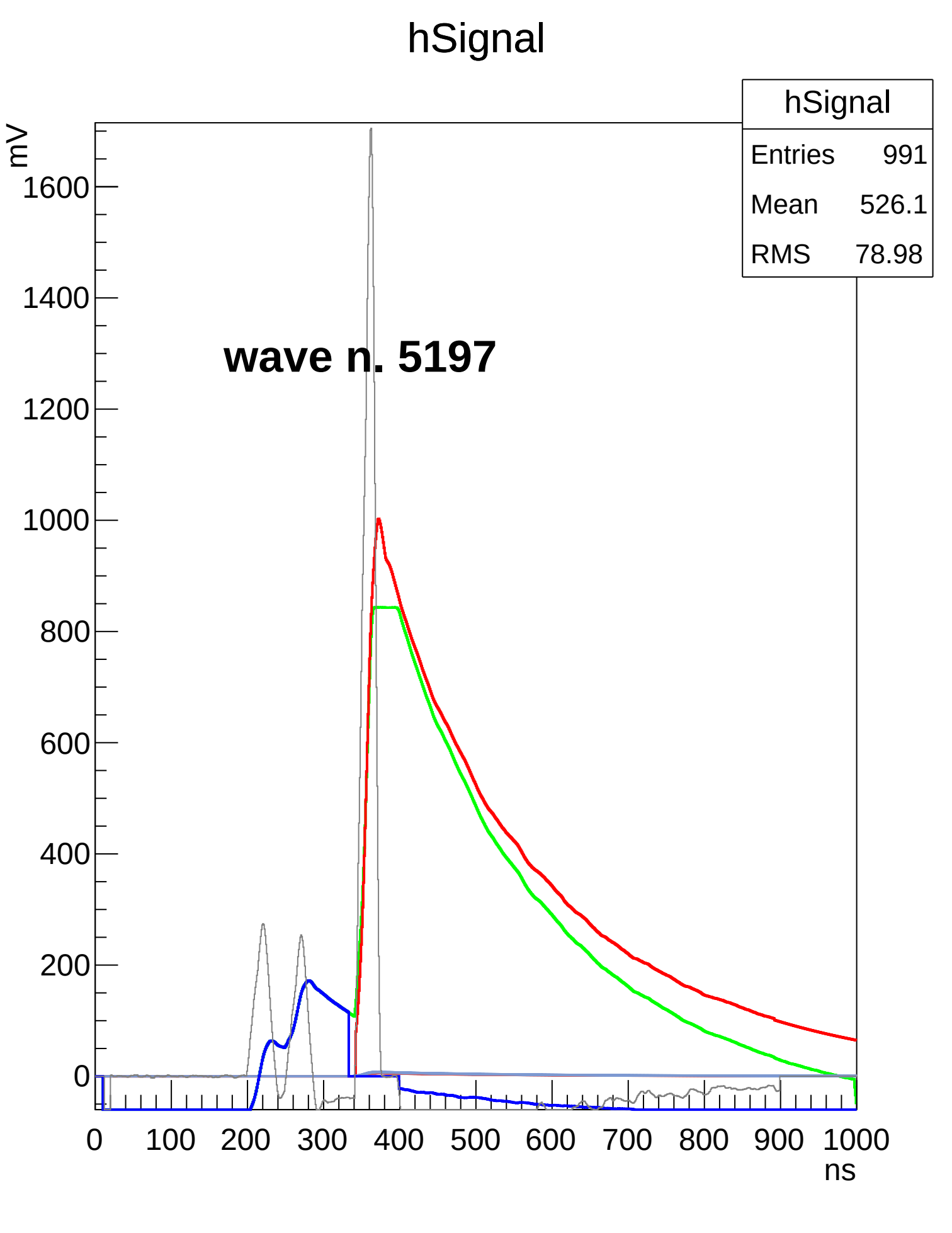
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 526.1
RMS 78.98
wave n. 5197
mV
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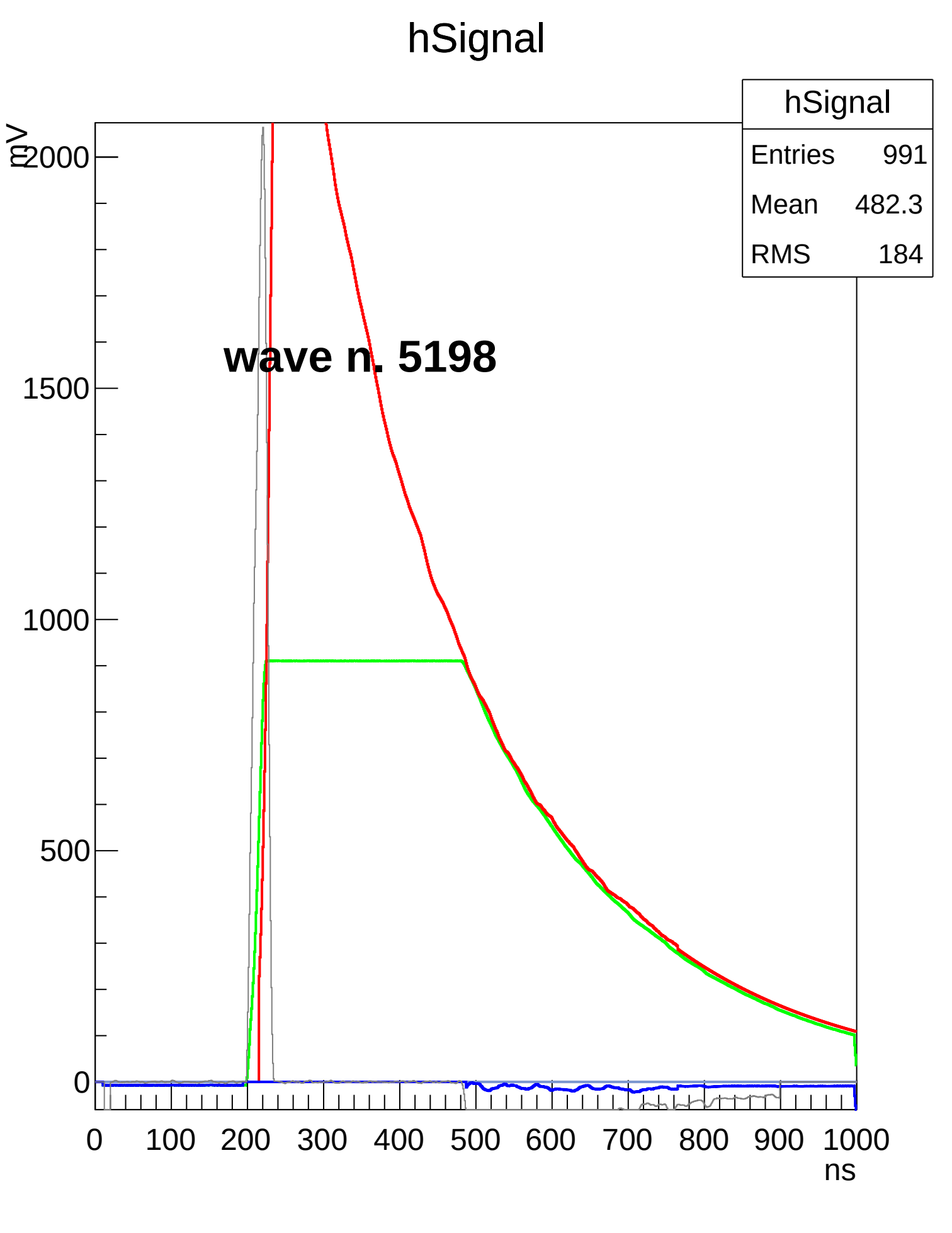
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 482.3
RMS 184
wave n. 5198
mV
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1500
1000
500
0
0
100
200
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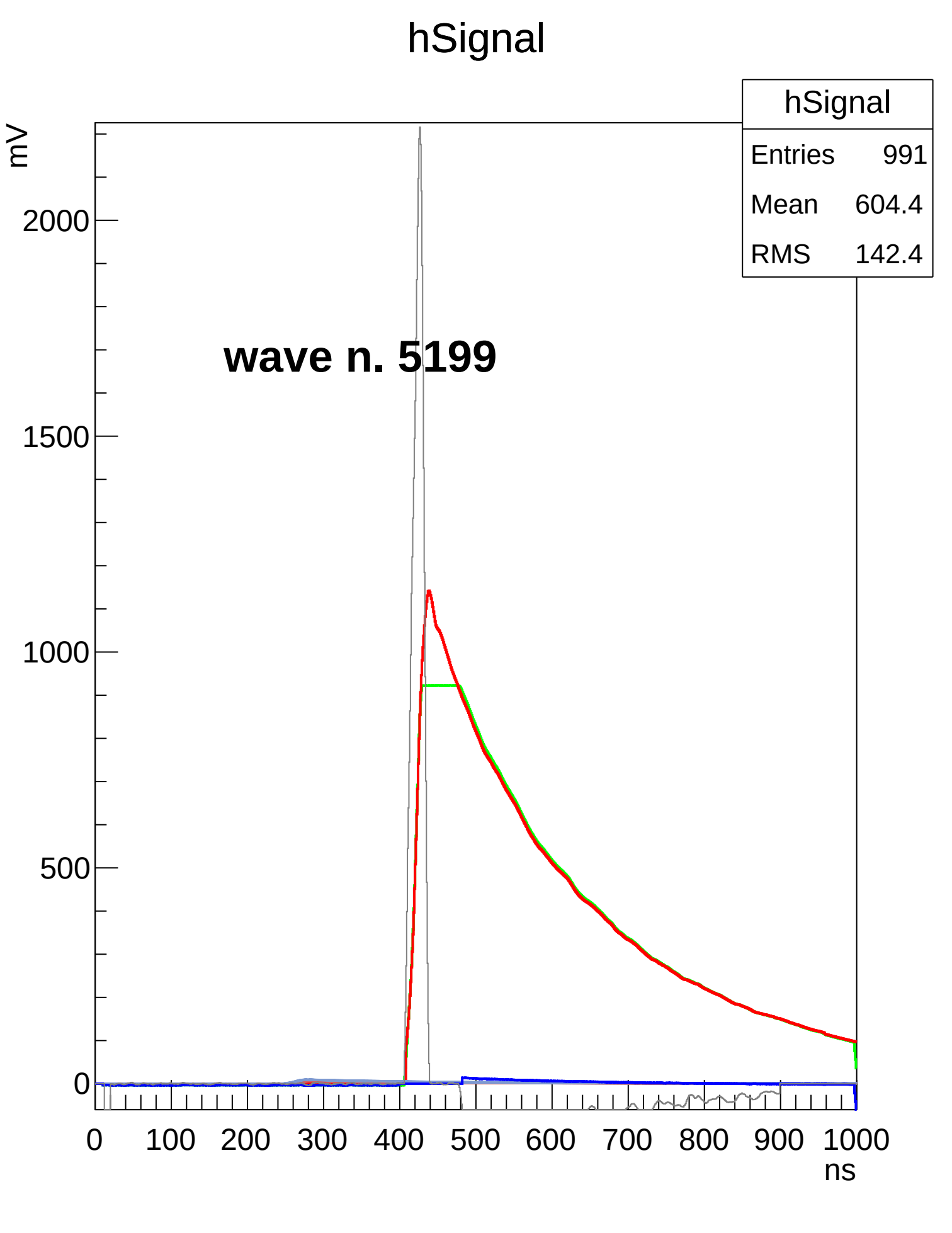
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 604.4
RMS 142.4
wave n. 5199
mV
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1500
1000
500
0
0
100
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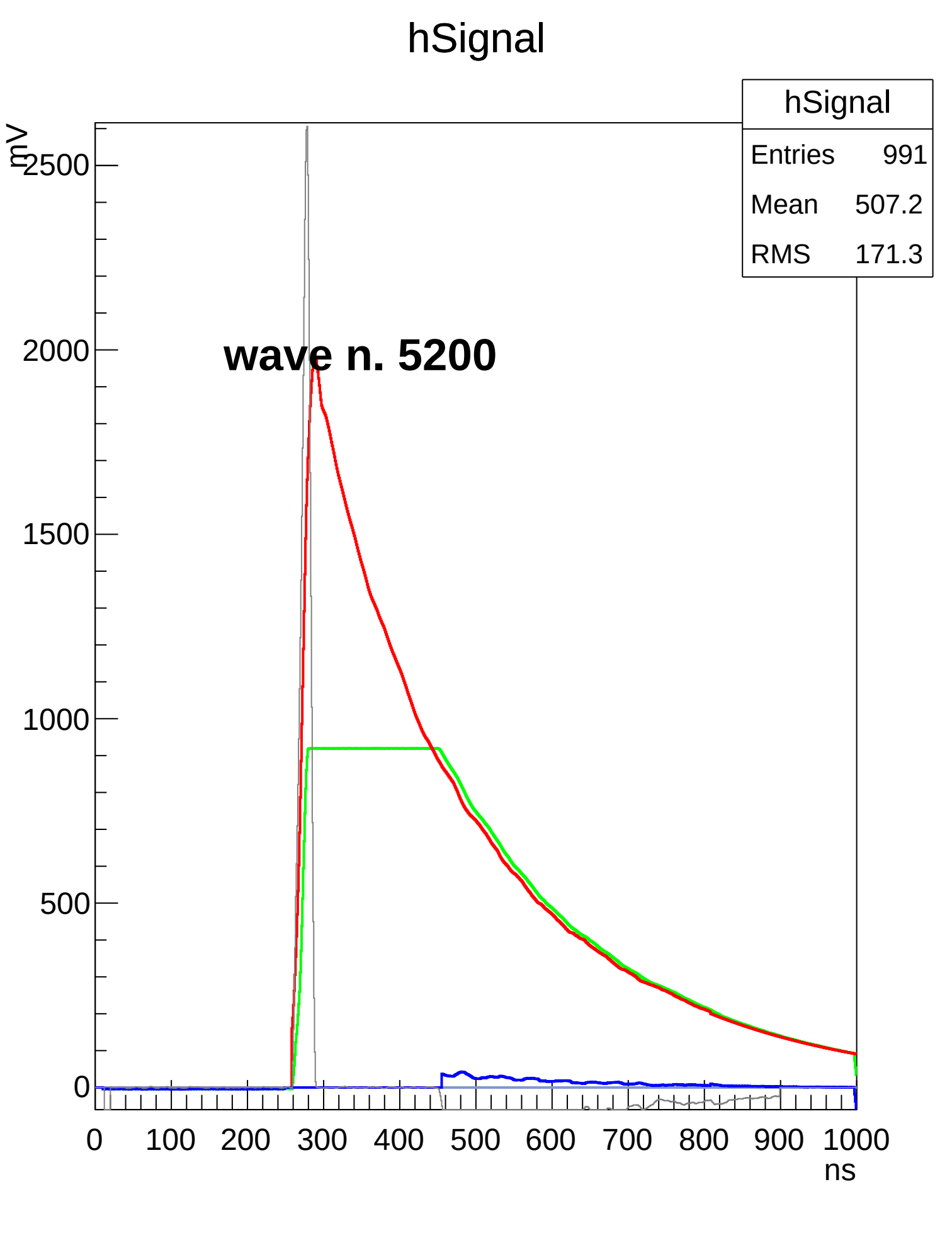
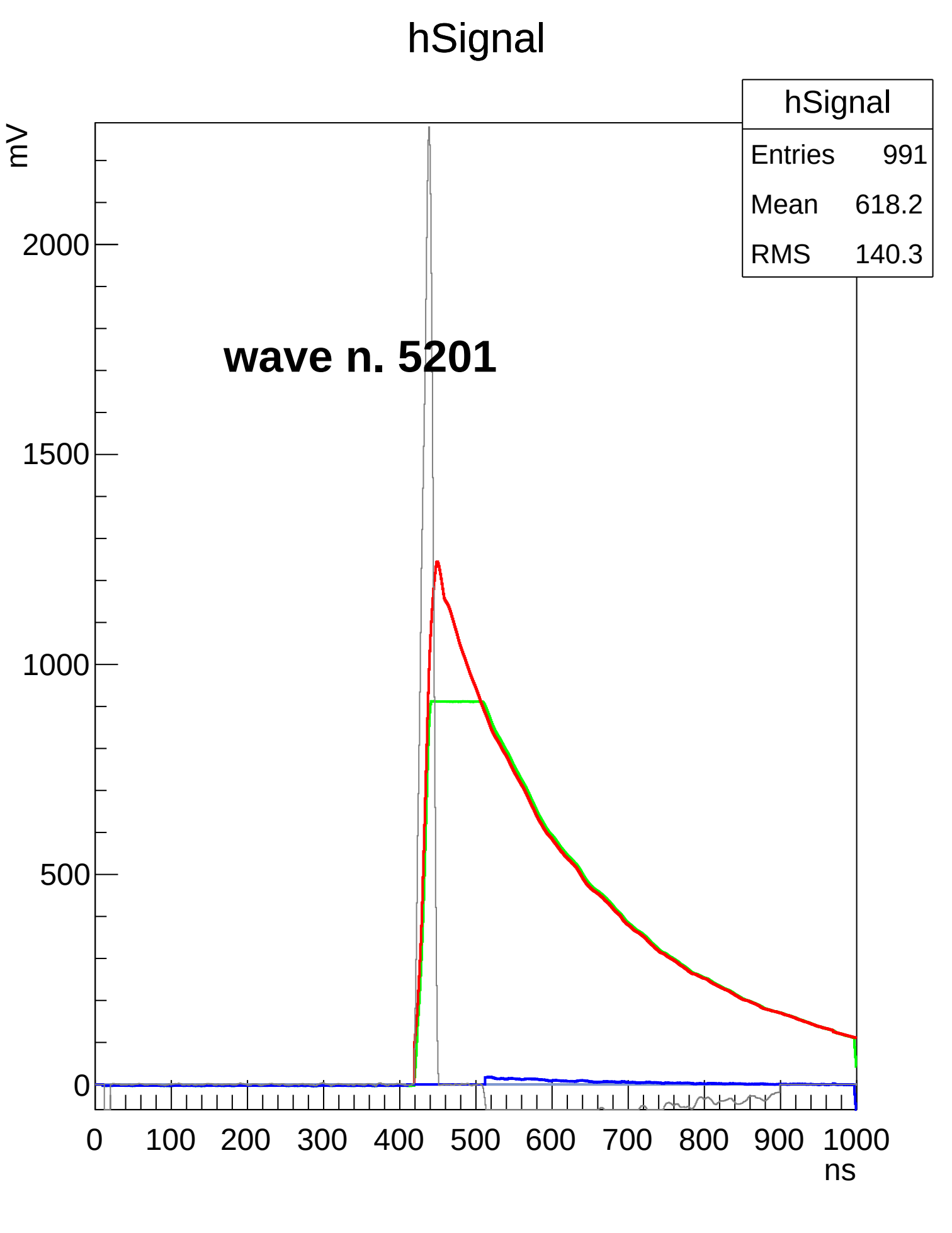
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507.2
RMS 171.3
wave n. 5200
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 618.2
RMS 140.3
wave n. 5201
mV
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1500
1000
500
0
0
100
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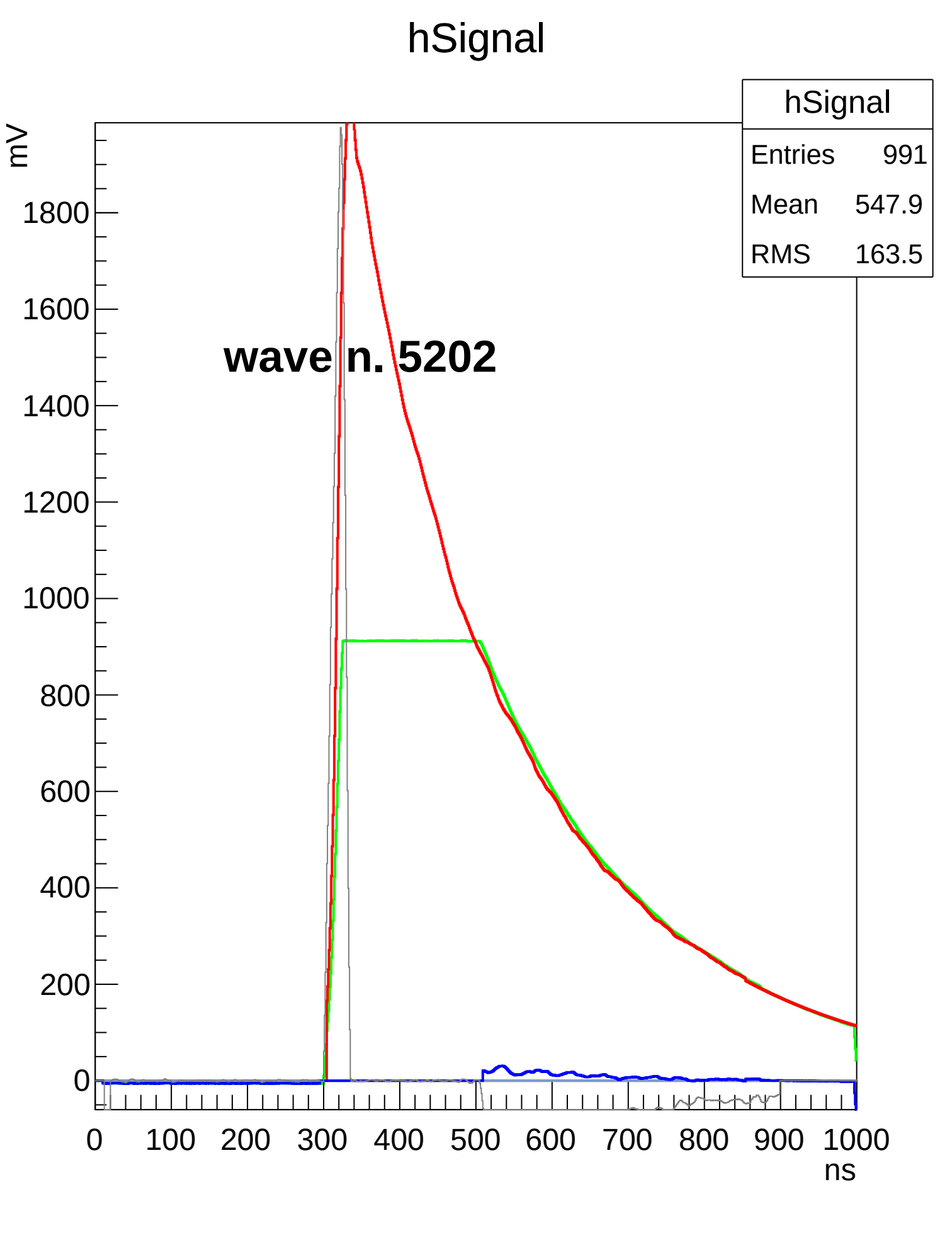
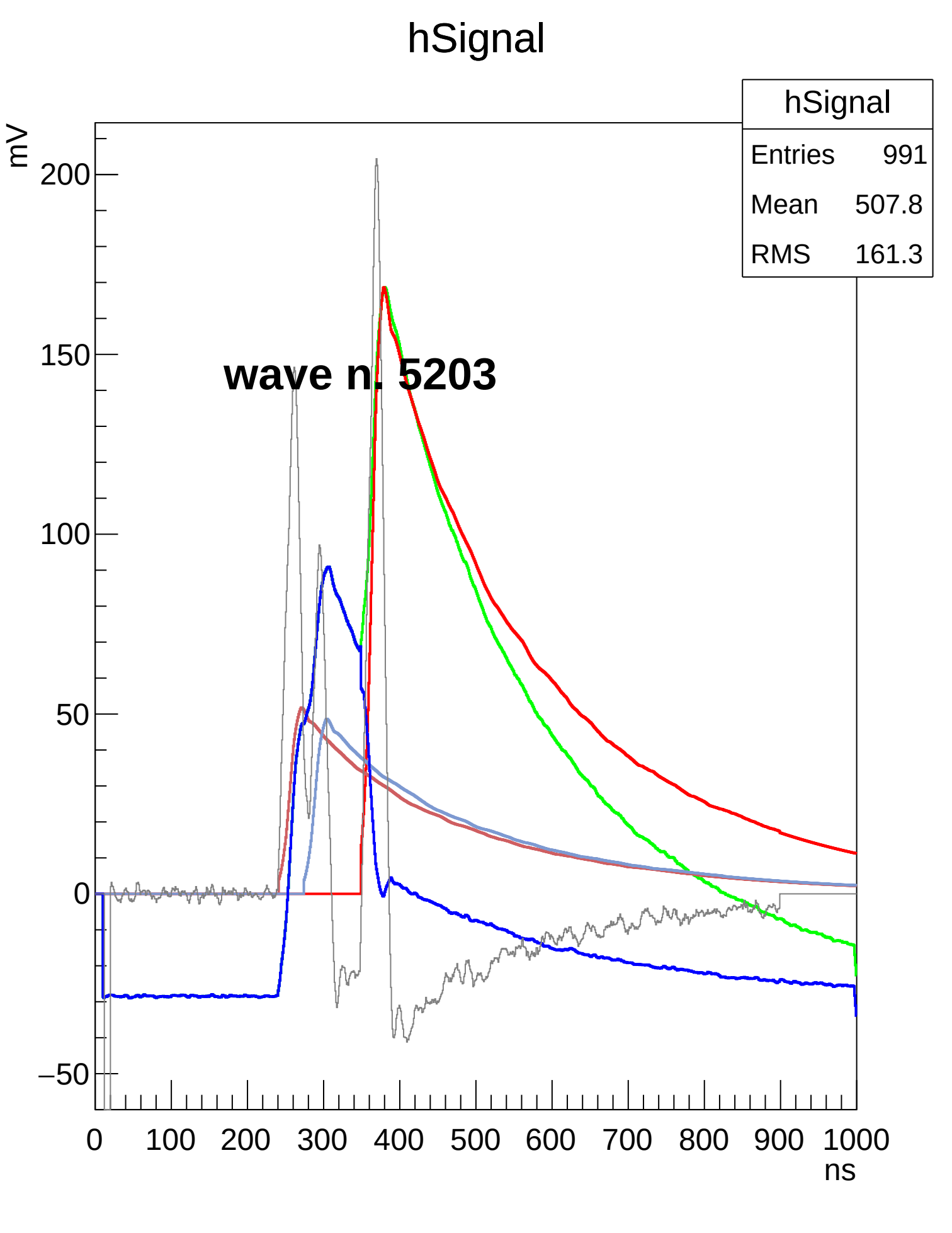
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547.9
RMS 163.5
wave n. 5202
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 507.8
RMS 161.3
wave n. 5203
mV
200
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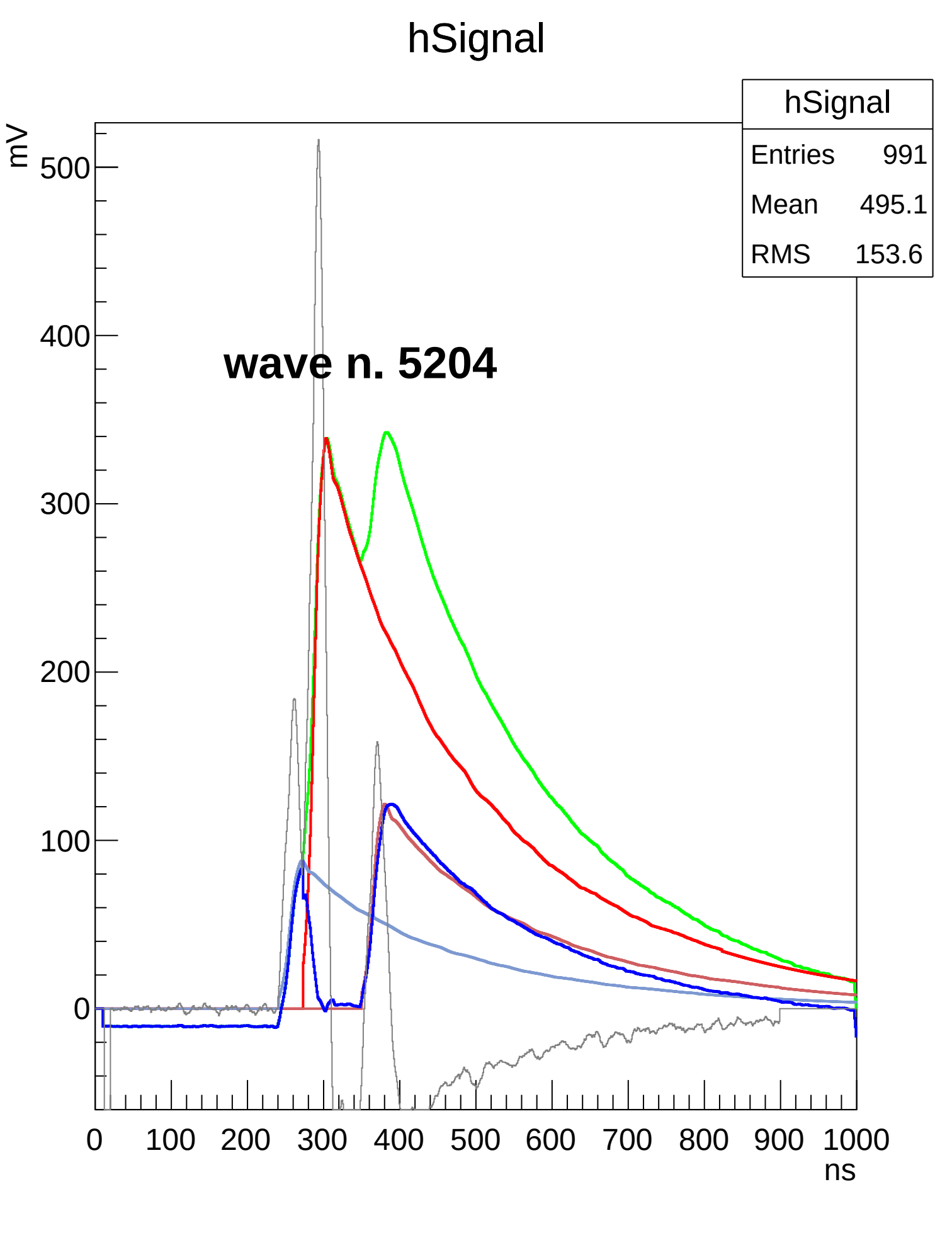
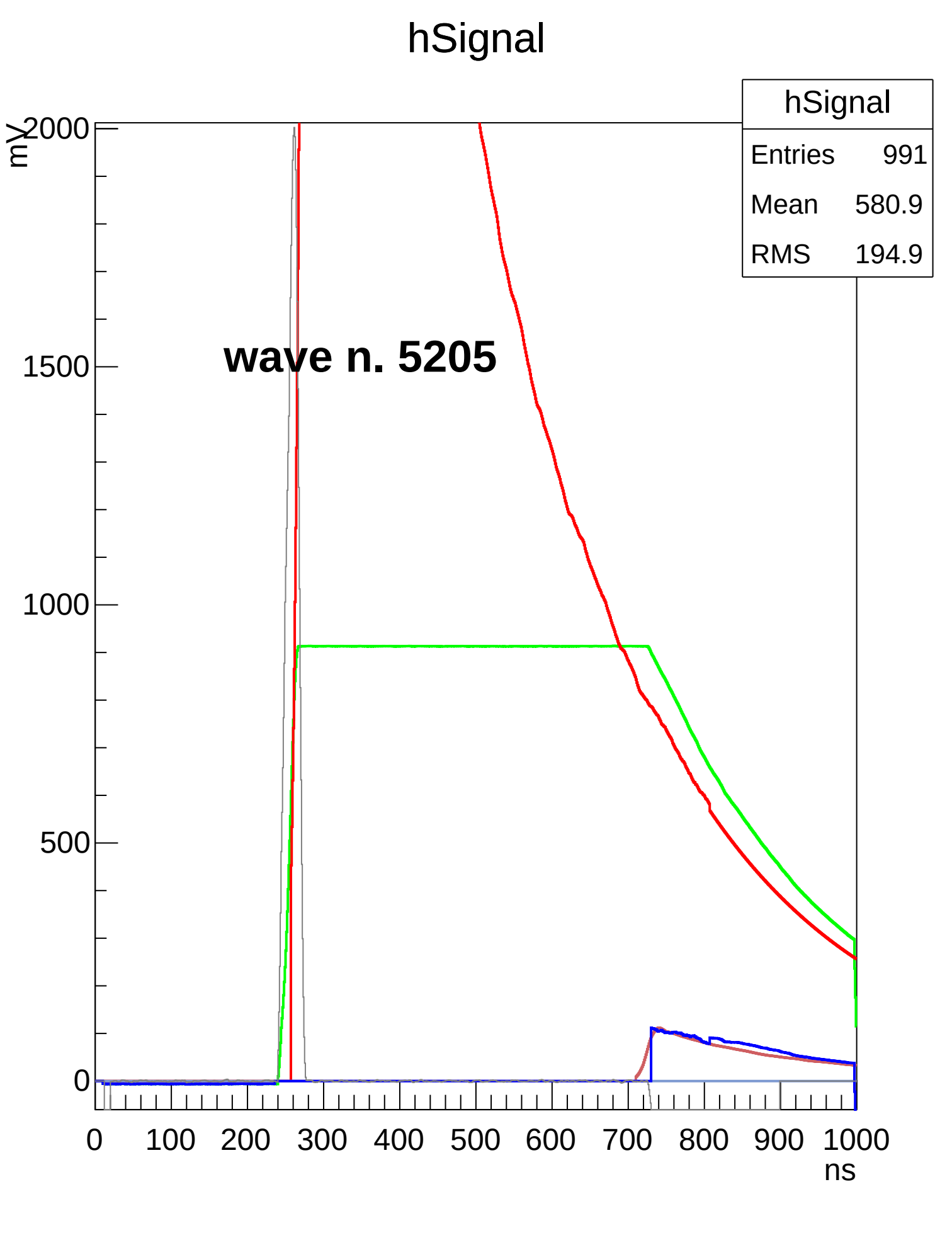
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 495.1
RMS 153.6
wave n. 5204
mV
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 580.9
RMS 194.9
wave n. 5205
mV
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1500
1000
500
0
0
100
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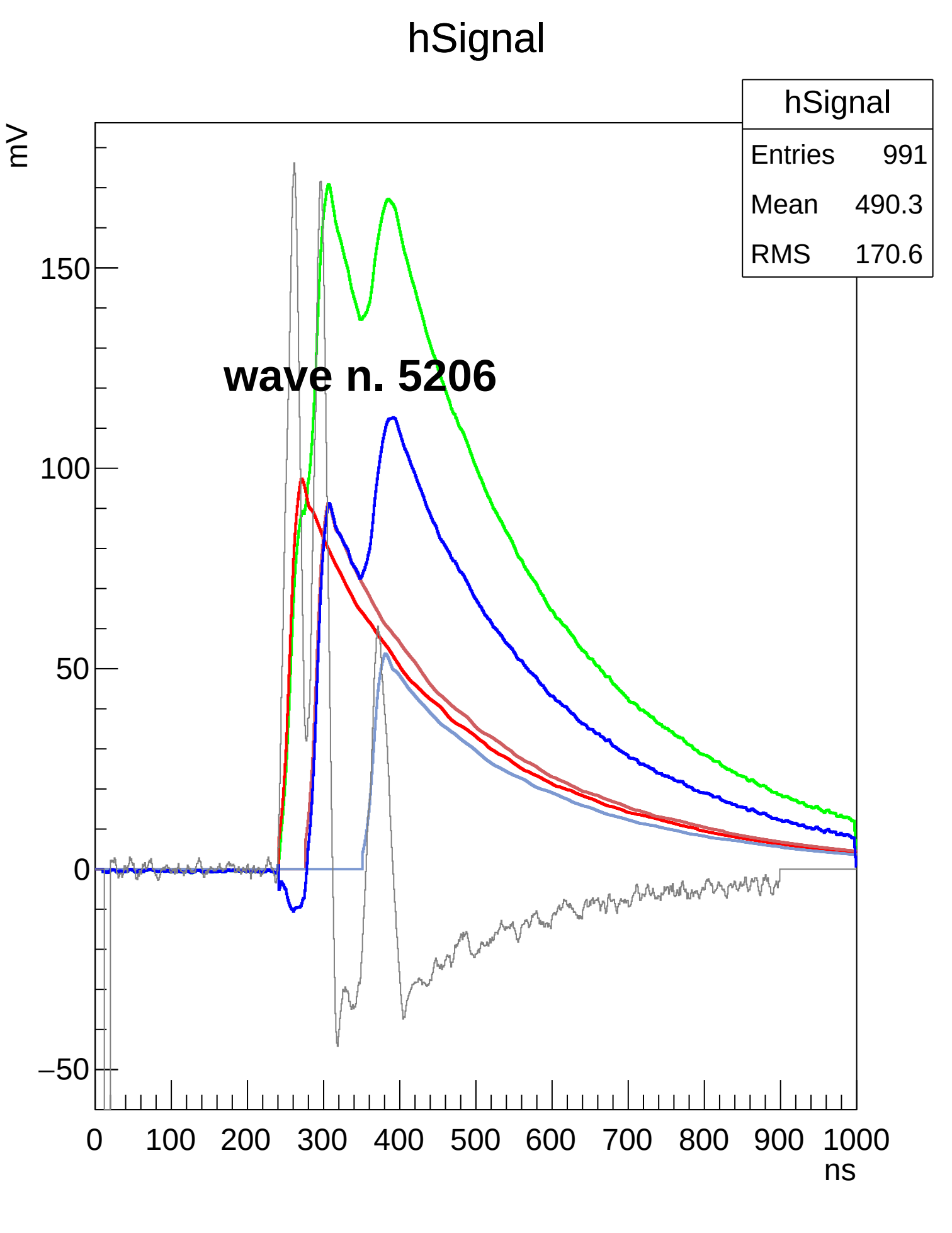
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 490.3
RMS 170.6
wave n. 5206
mV
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100
50
0
−50
0
100
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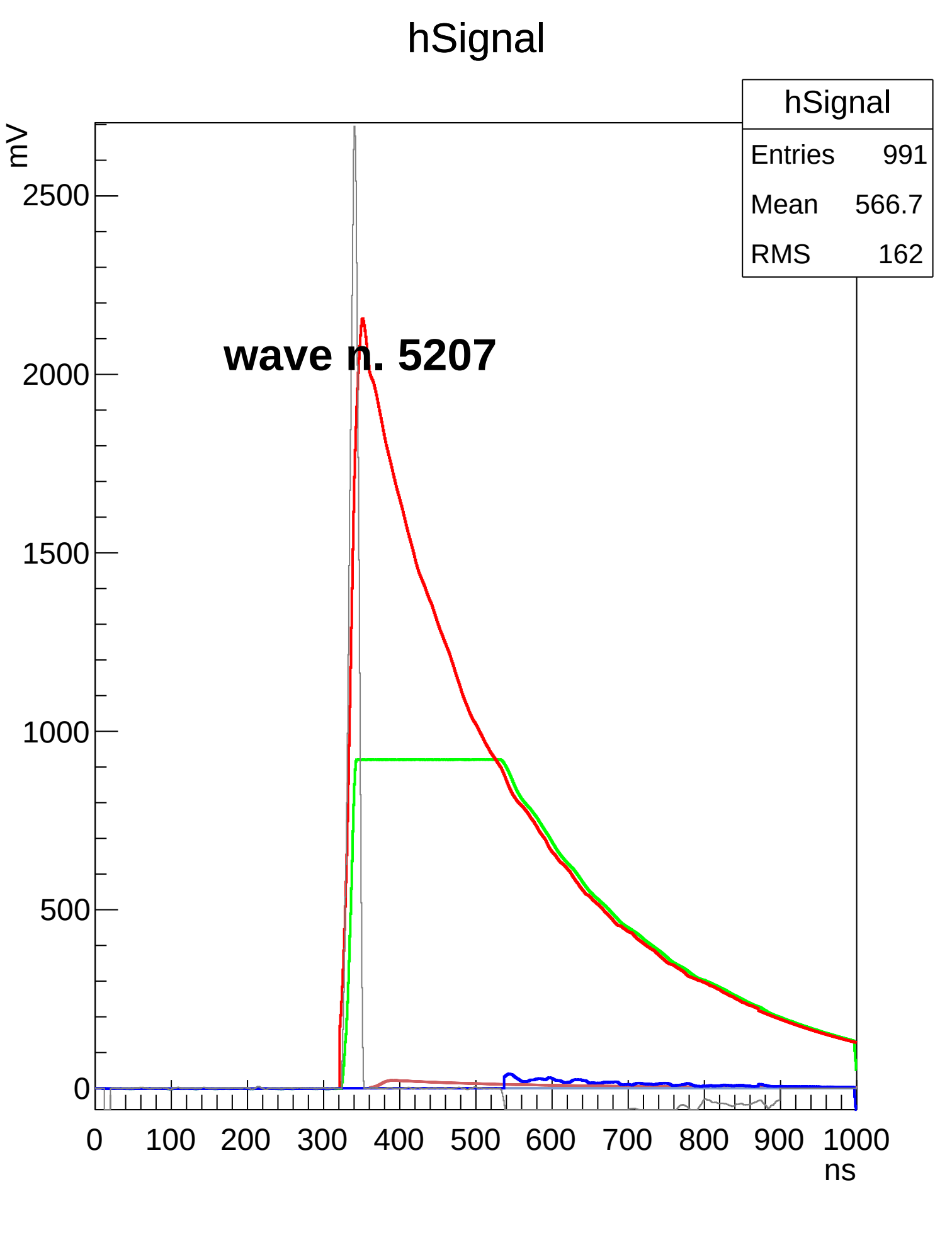
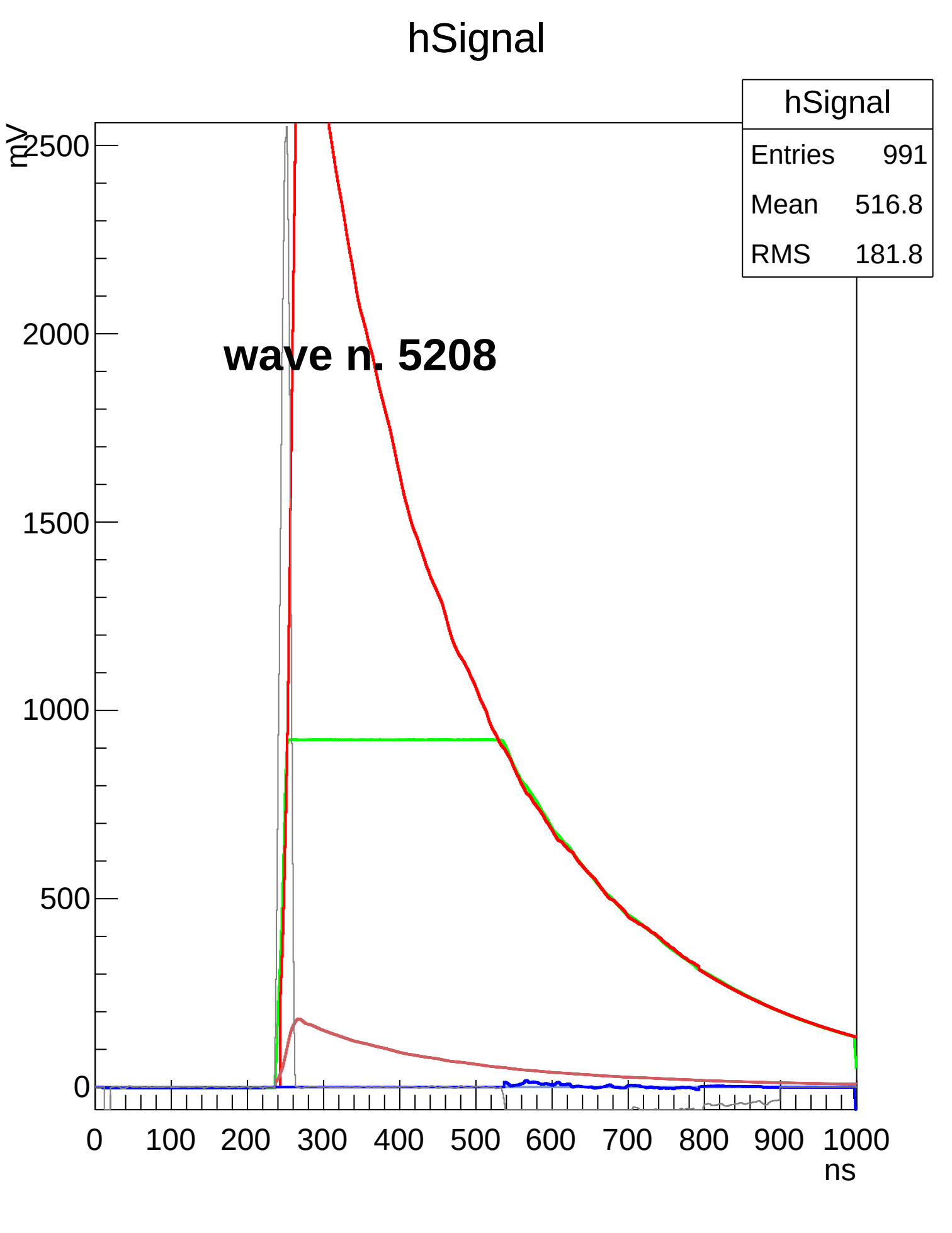
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 566.7
RMS 162
wave n. 5207
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 516.8
RMS 181.8
wave n. 5208
mV
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2000
1500
1000
500
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0
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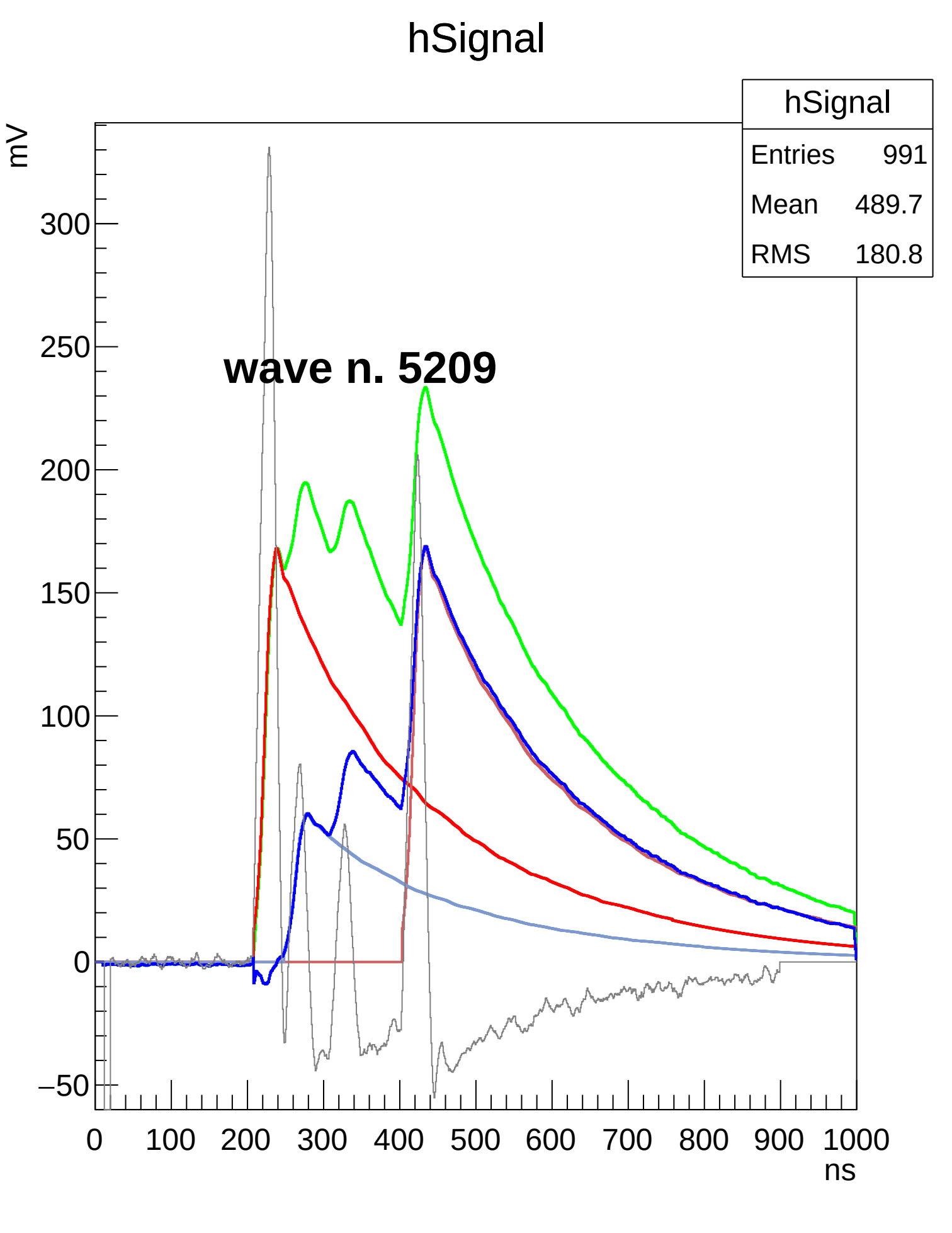
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hSignal
Entries 991
Mean 489.7
RMS 180.8
wave n. 5209
mV
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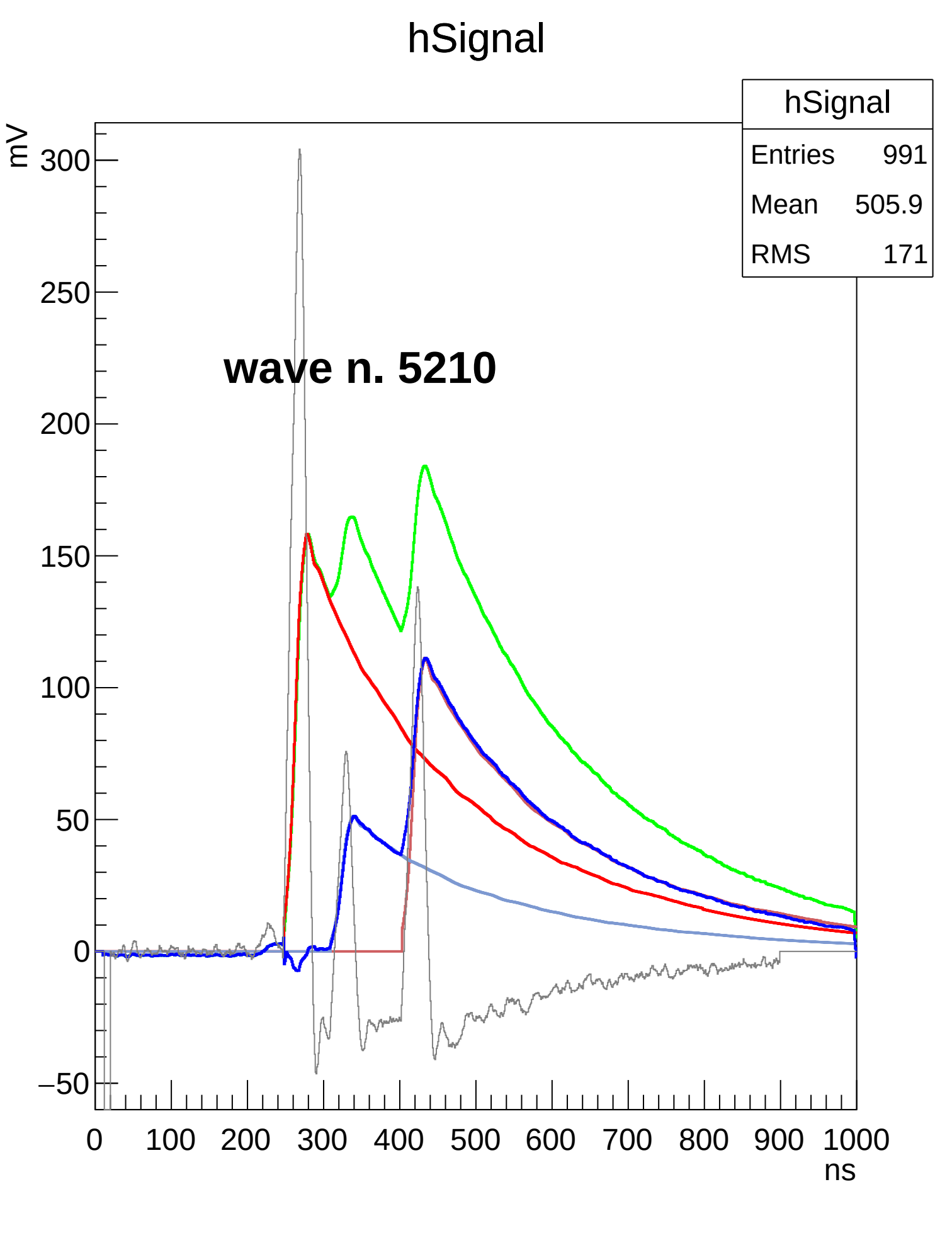
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hSignal
Entries 991
Mean 505.9
RMS 171
wave n. 5210
mV
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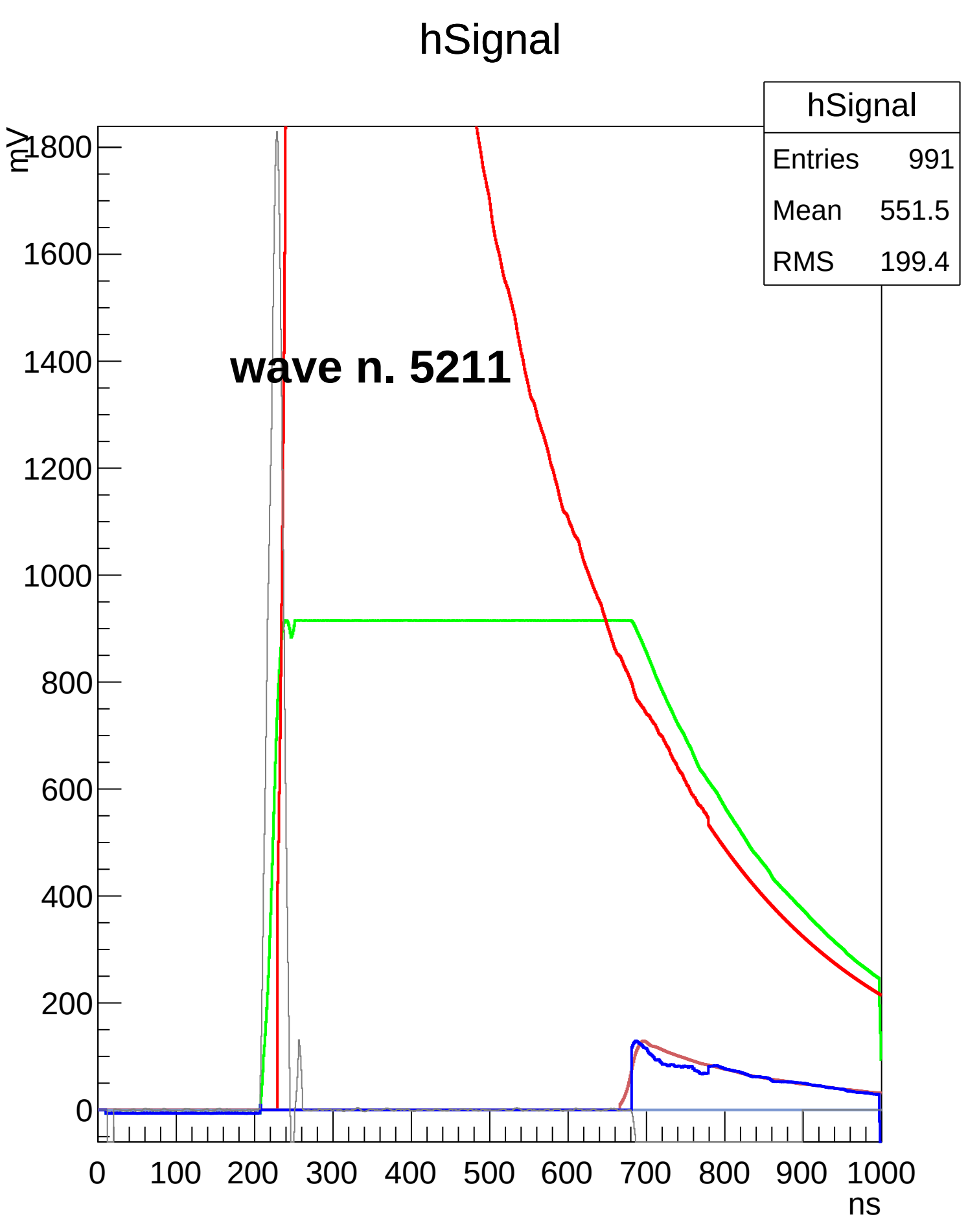
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Mean 551.5
RMS 199.4
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mV
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1000
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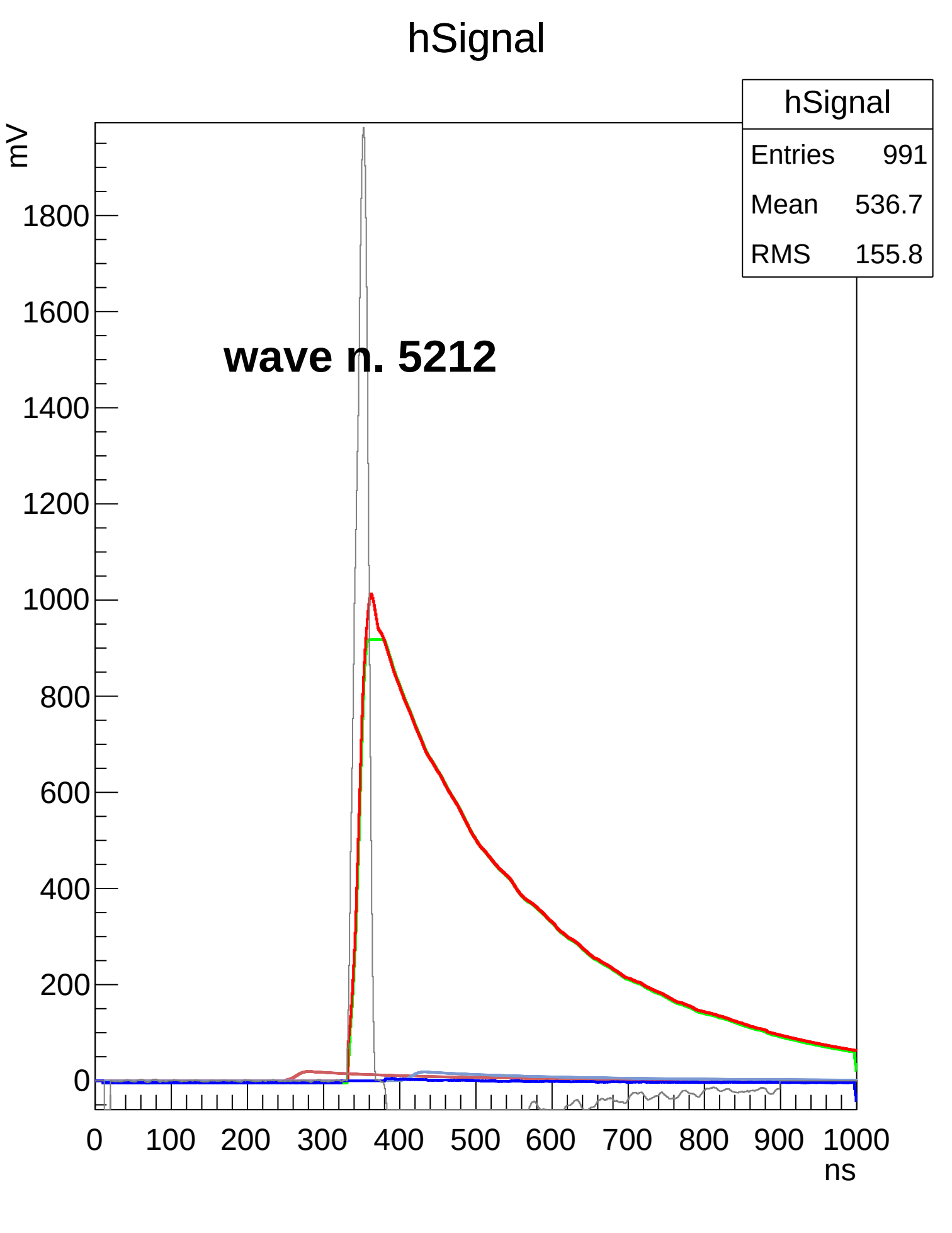
hSignal
hSignal
Entries 991
Mean 536.7
RMS 155.8
wave n. 5212
mV
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600
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200
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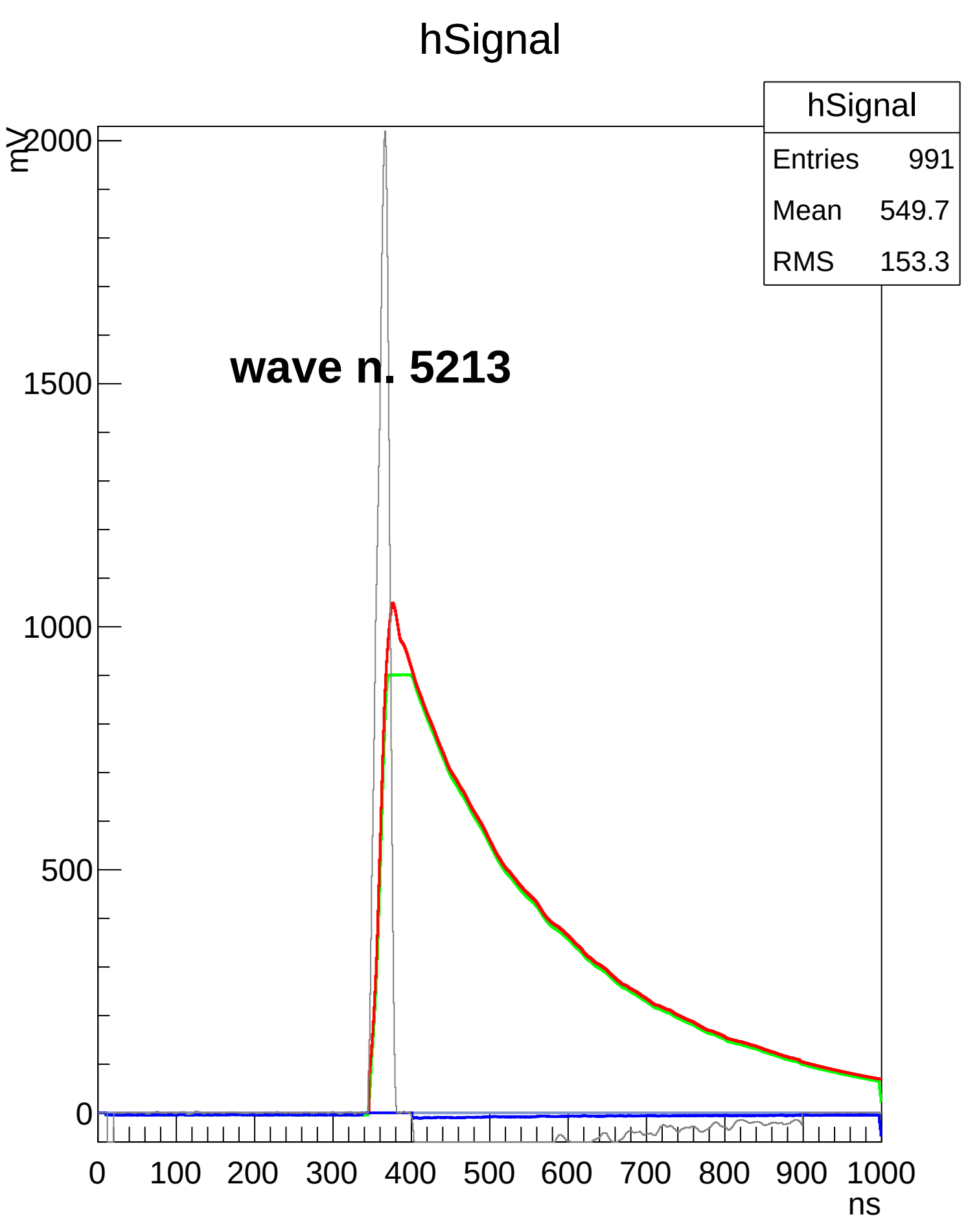
1000
ns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hSignal
Entries 991
Mean 549.7
RMS 153.3
wave n. 5213
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0
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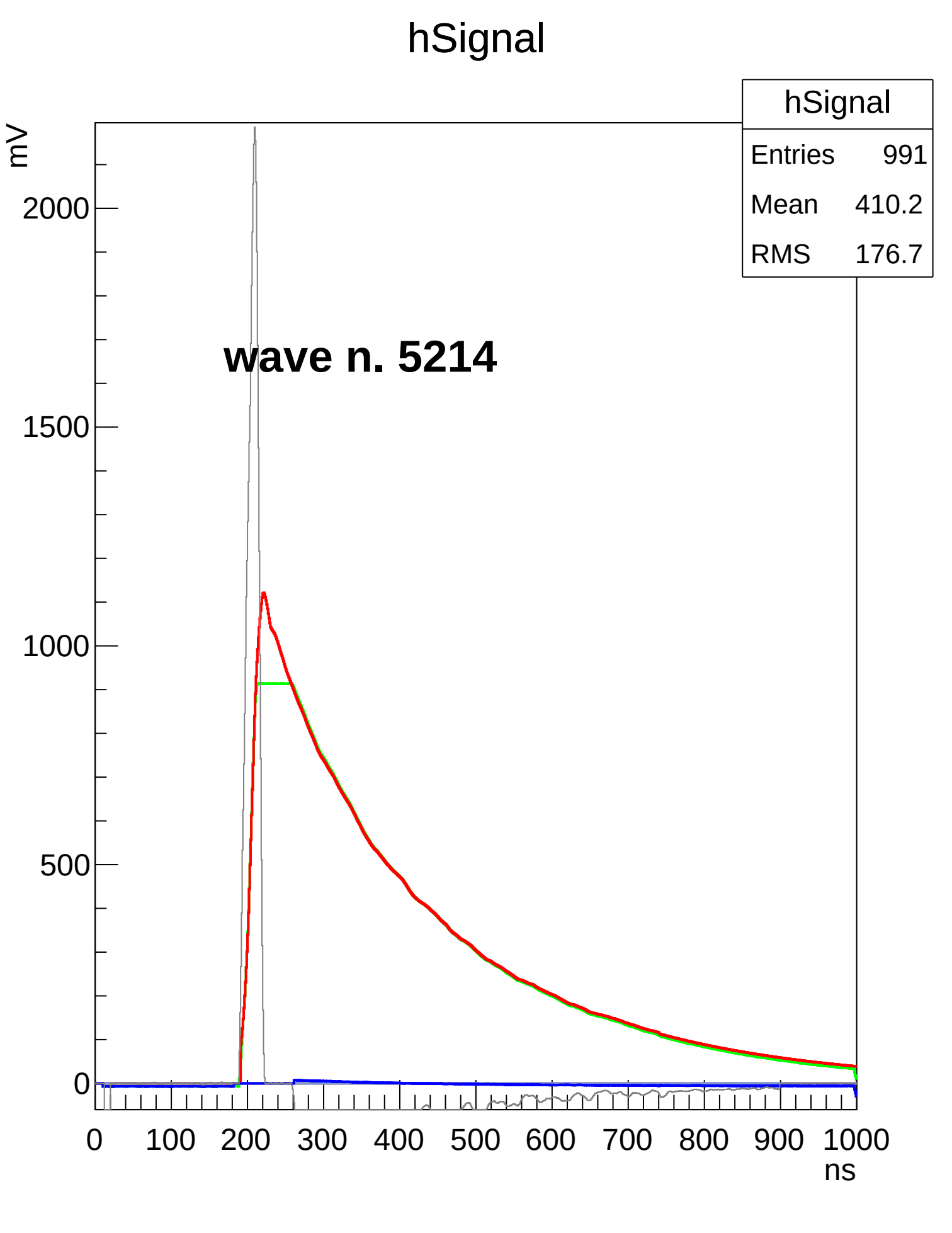
800
900
1000
ns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Entries 991
Mean 410.2
RMS 176.7
wave n. 5214
mV
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1500
1000
500
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0
100
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1000
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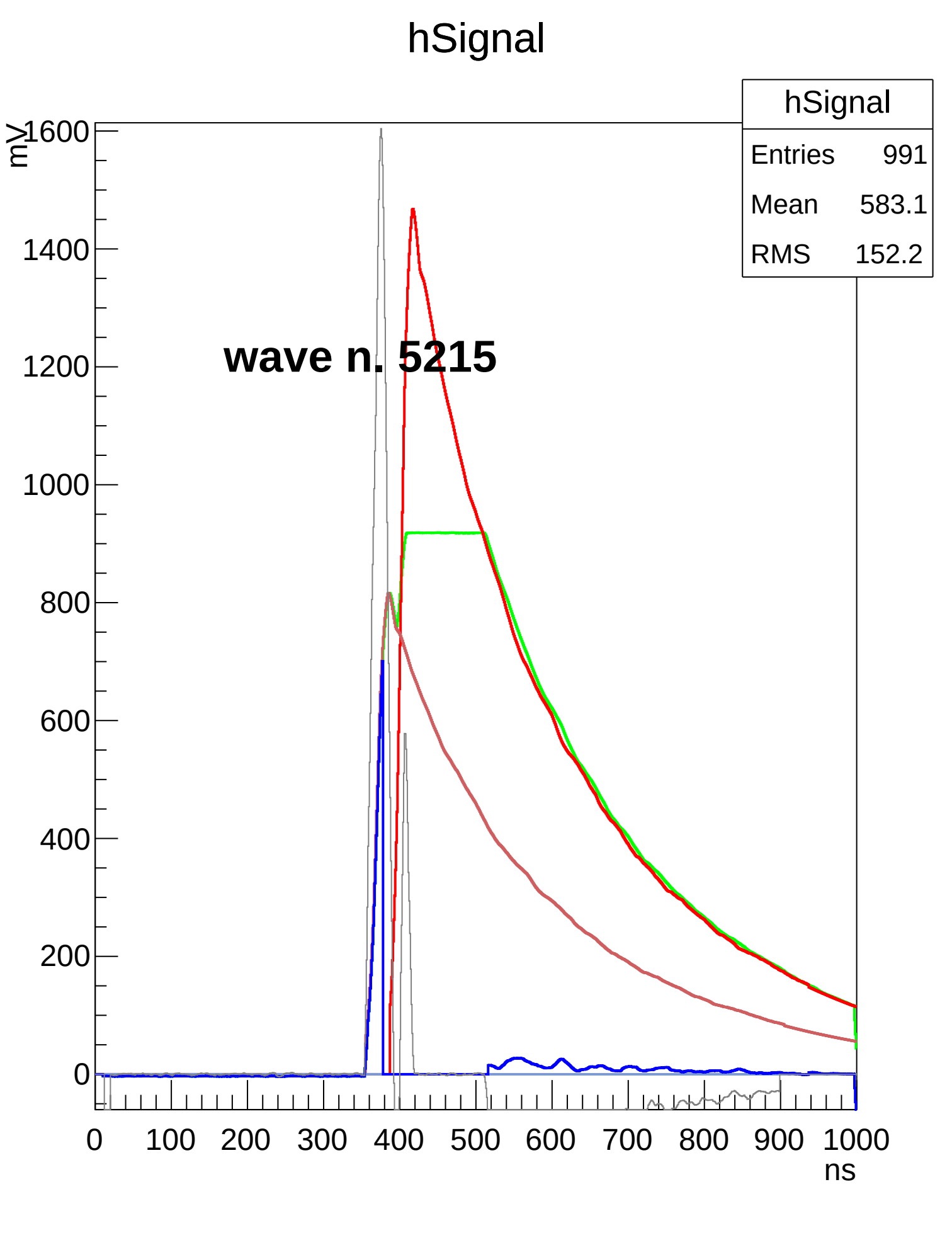
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hSignal
Entries 991
Mean 583.1
RMS 152.2
wave n. 5215
mV
1600
1400
1200
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600
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200
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400
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800
900
1000
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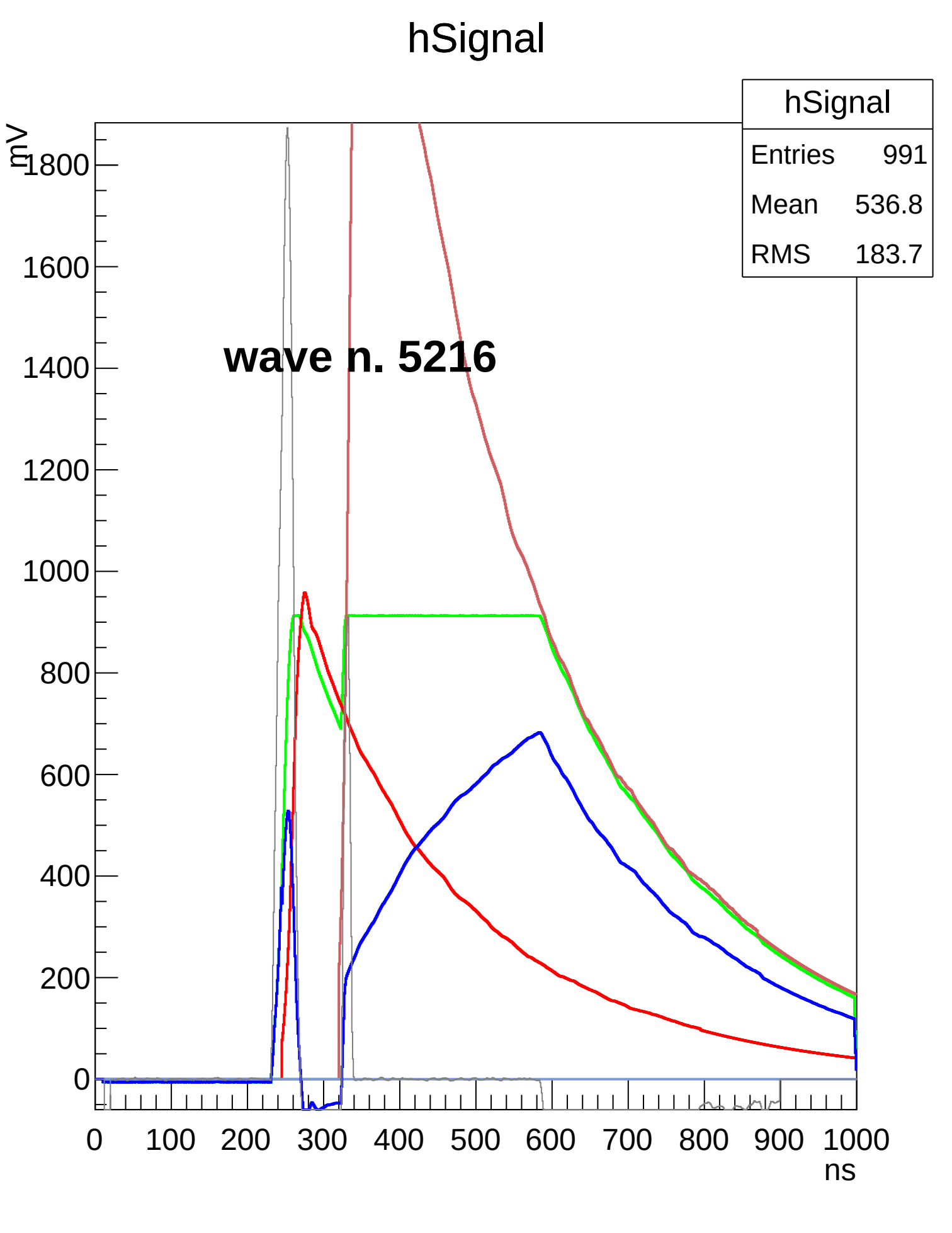
hSignal
hSignal
Entries 991
Mean 536.8
RMS 183.7
wave n. 5216
mV
1800
1600
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400
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1000
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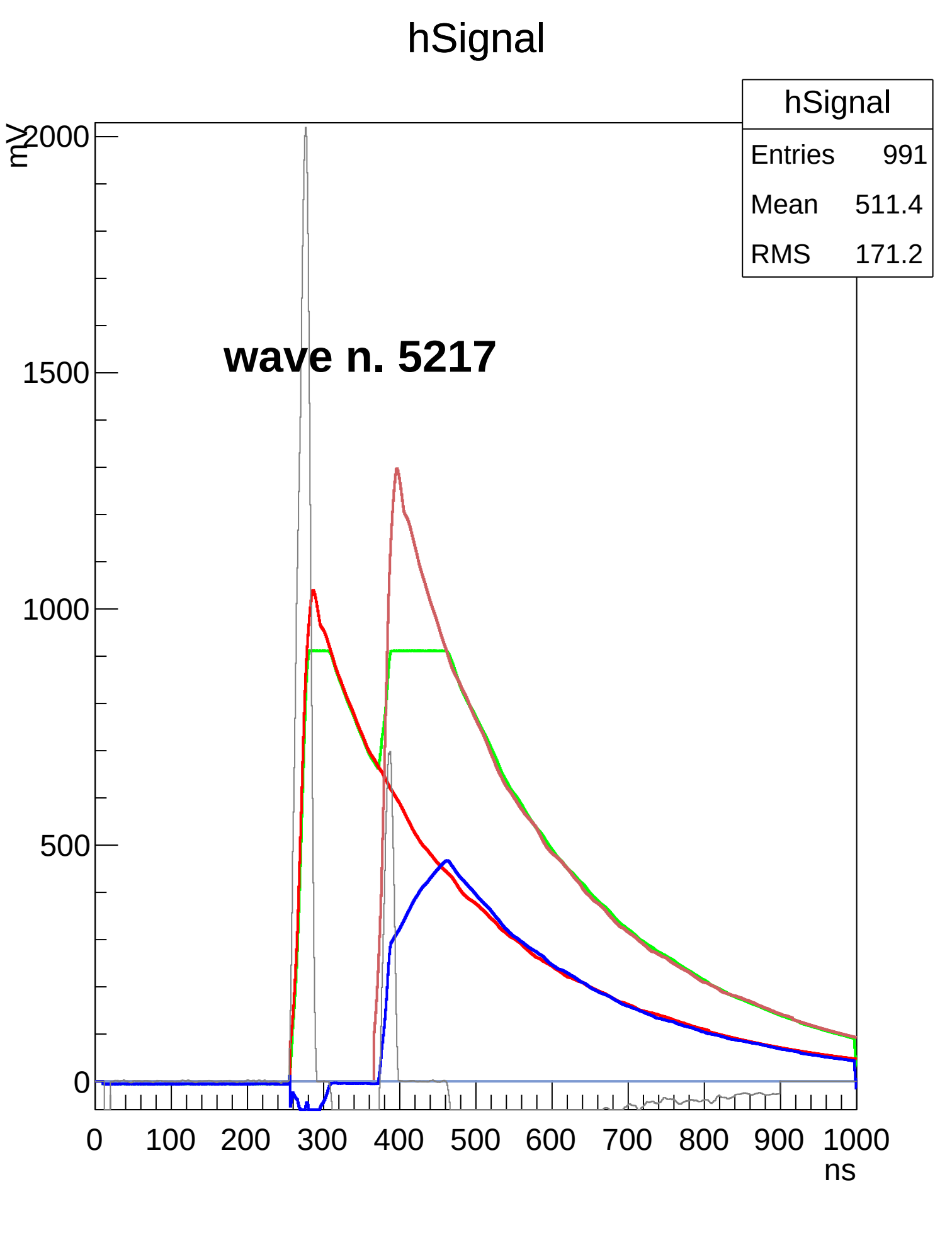
hSignal
hSignal
Entries 991
Mean 511.4
RMS 171.2
wave n. 5217
mV
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1500
1000
500
0
0
100
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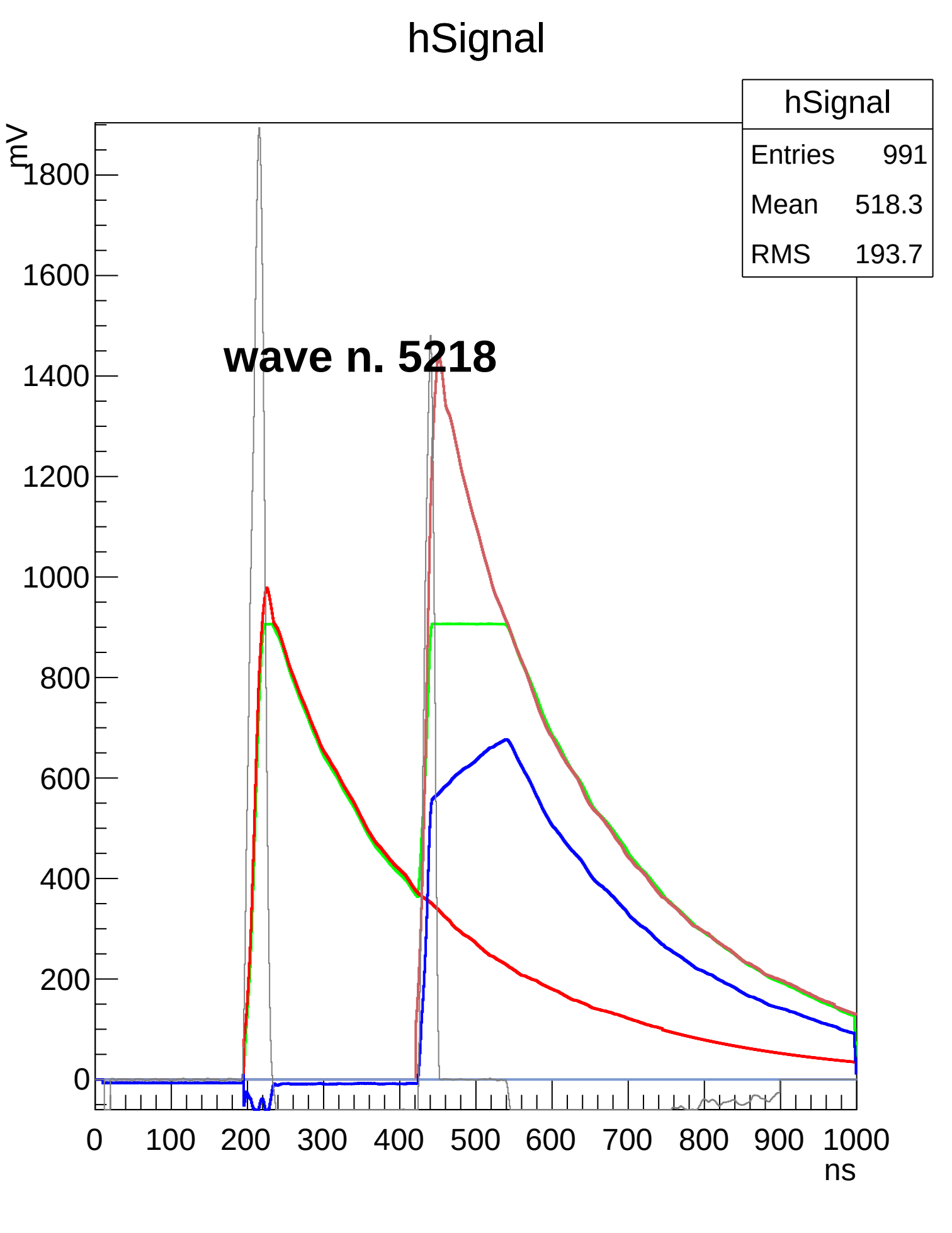
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.3
RMS 193.7
wave n. 5218
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
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800
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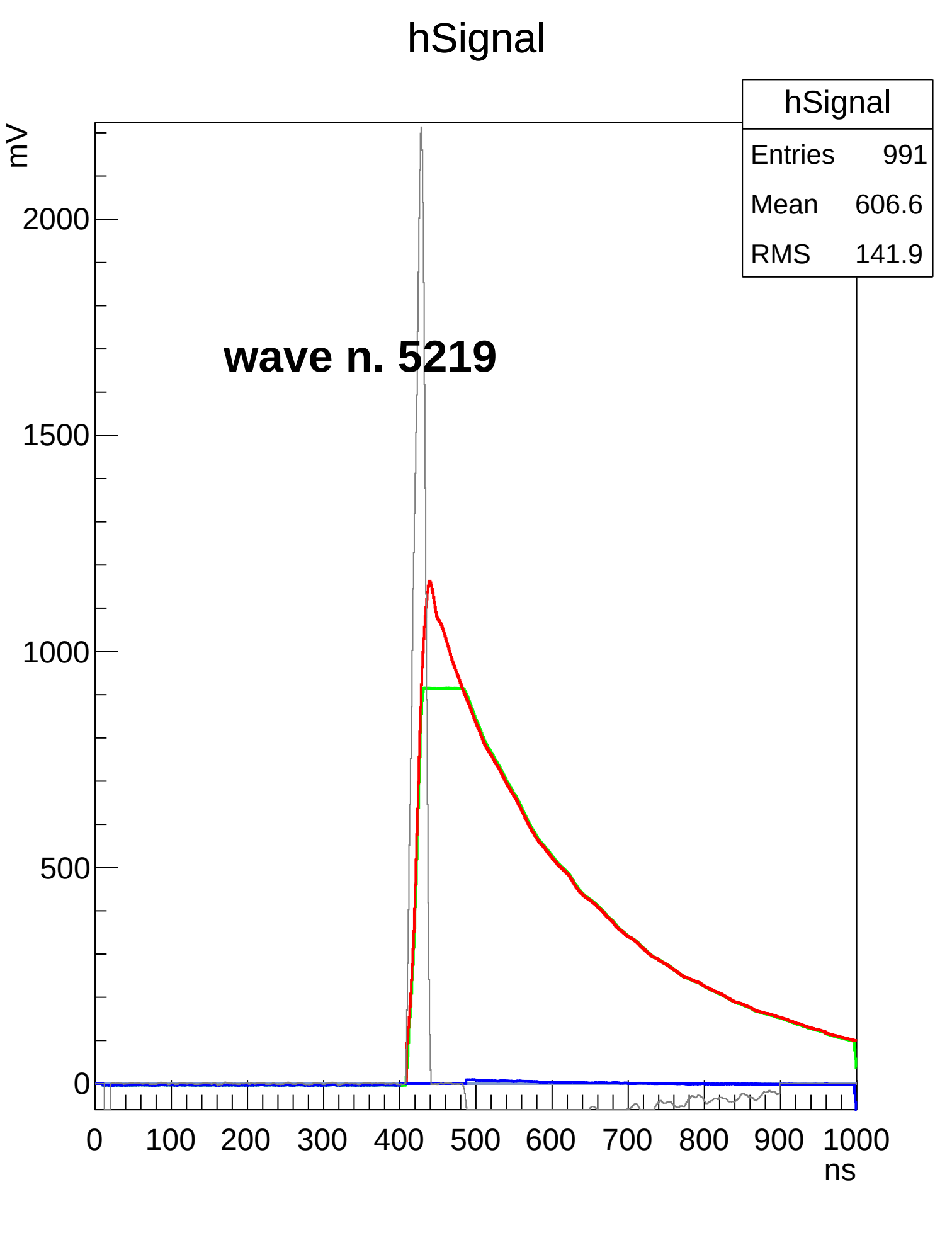
1000
ns


hSignal
hSignal
Entries 991
Mean 606.6
RMS 141.9
wave n. 5219
mV
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0
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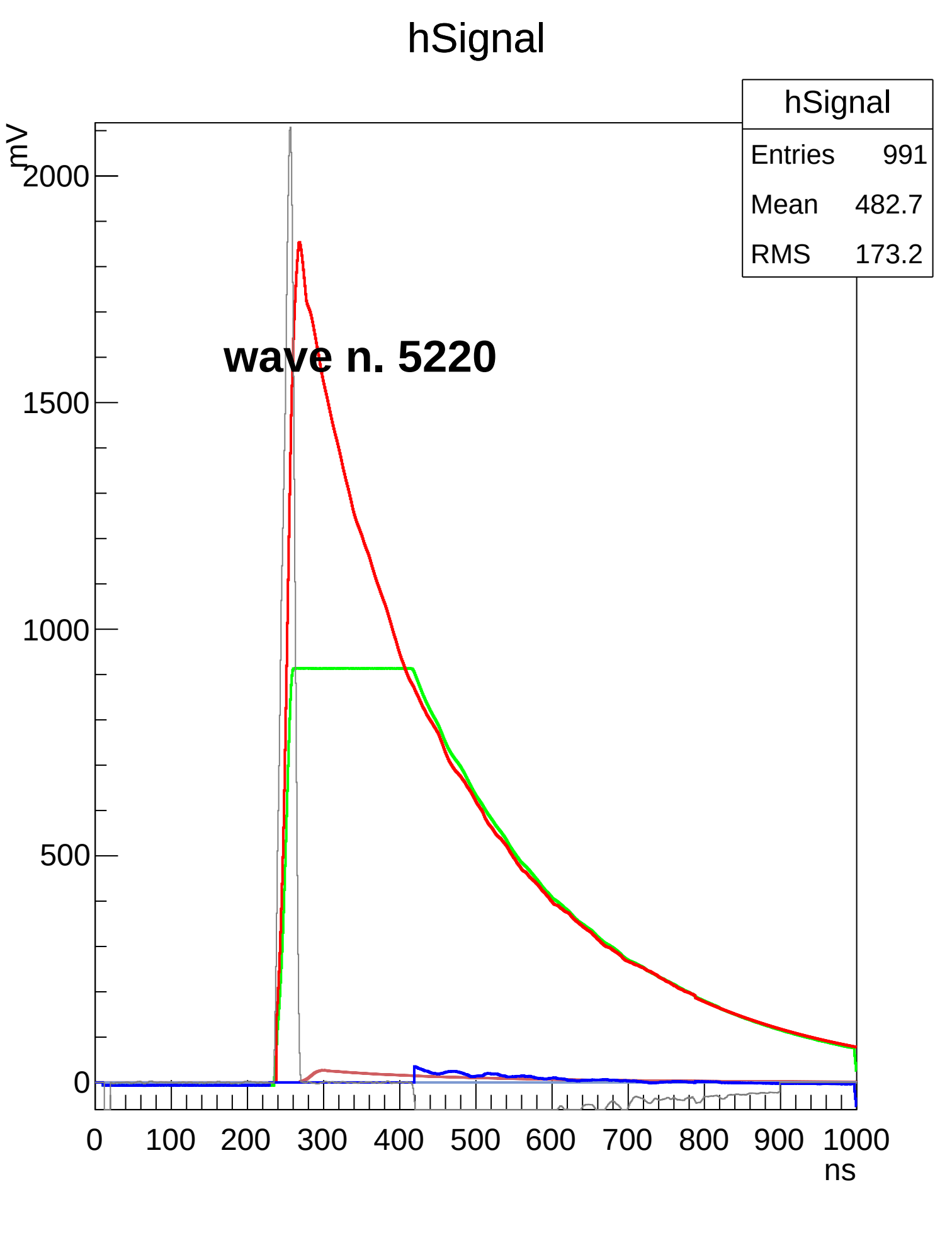
ns


hSignal
hSignal
Entries 991
Mean 482.7
RMS 173.2
wave n. 5220
mV
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1000
500
0
0
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200
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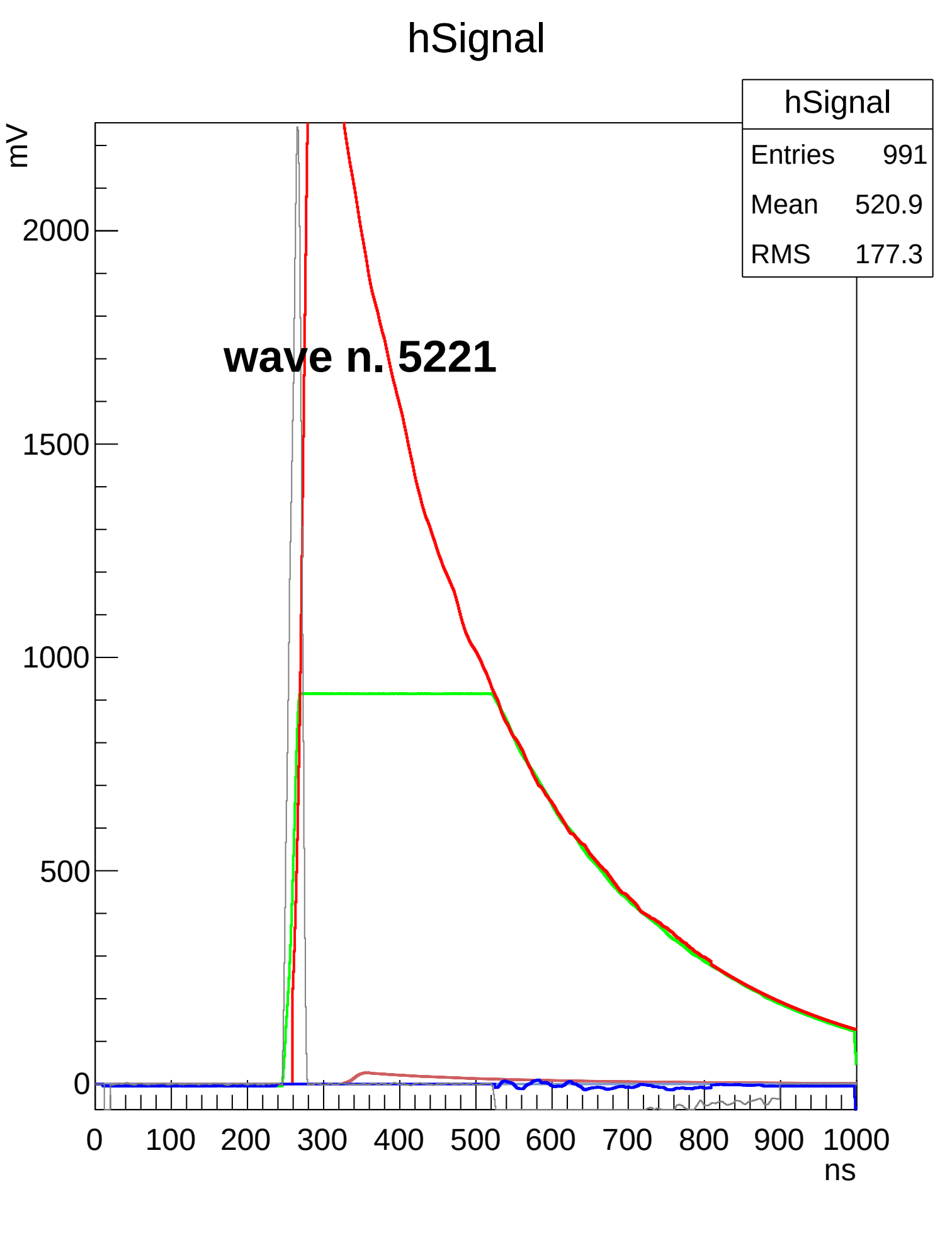
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 520.9
RMS 177.3
wave n. 5221
mV
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1500
1000
500
0
0
100
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400
500
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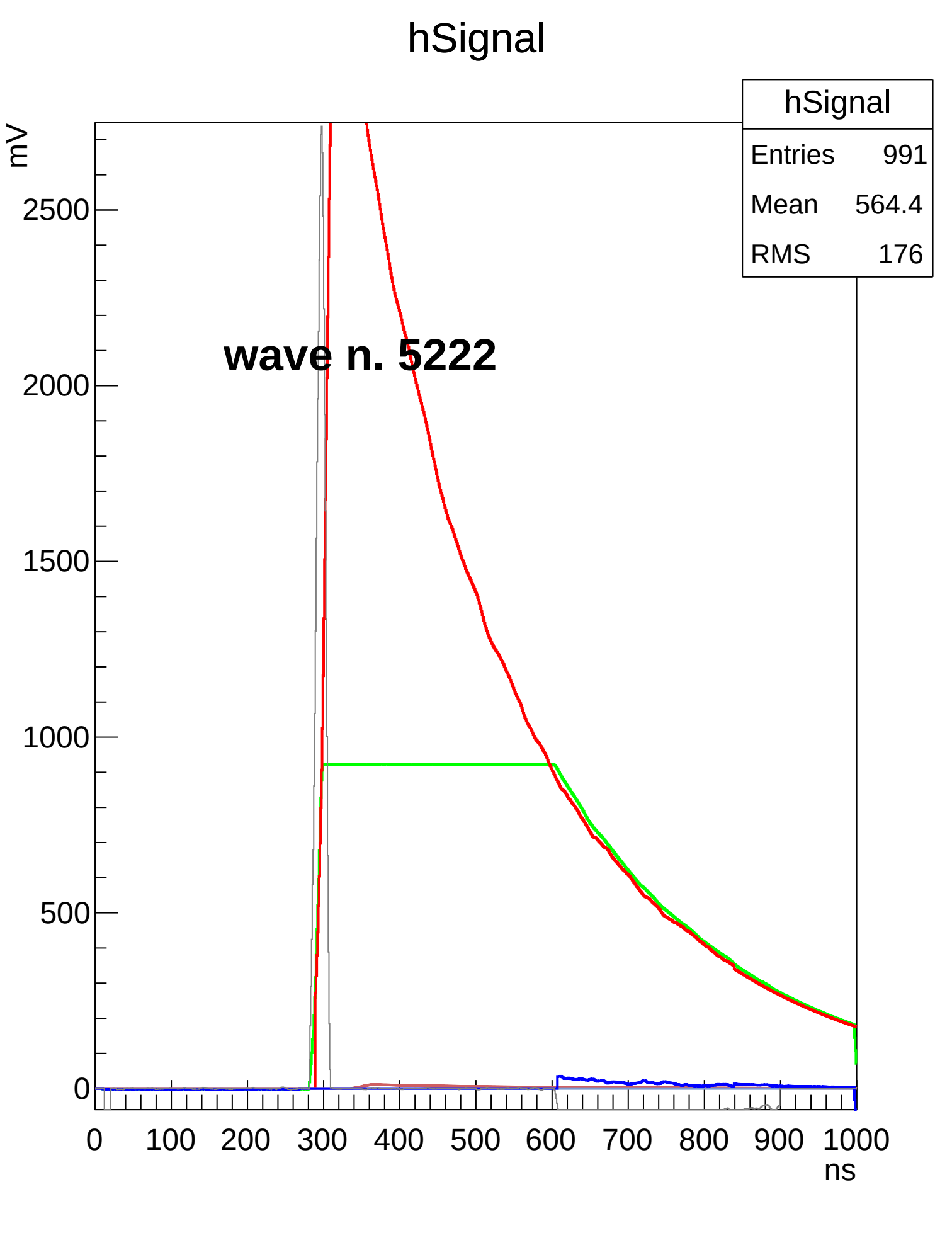
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 564.4
RMS 176
wave n. 5222
mV
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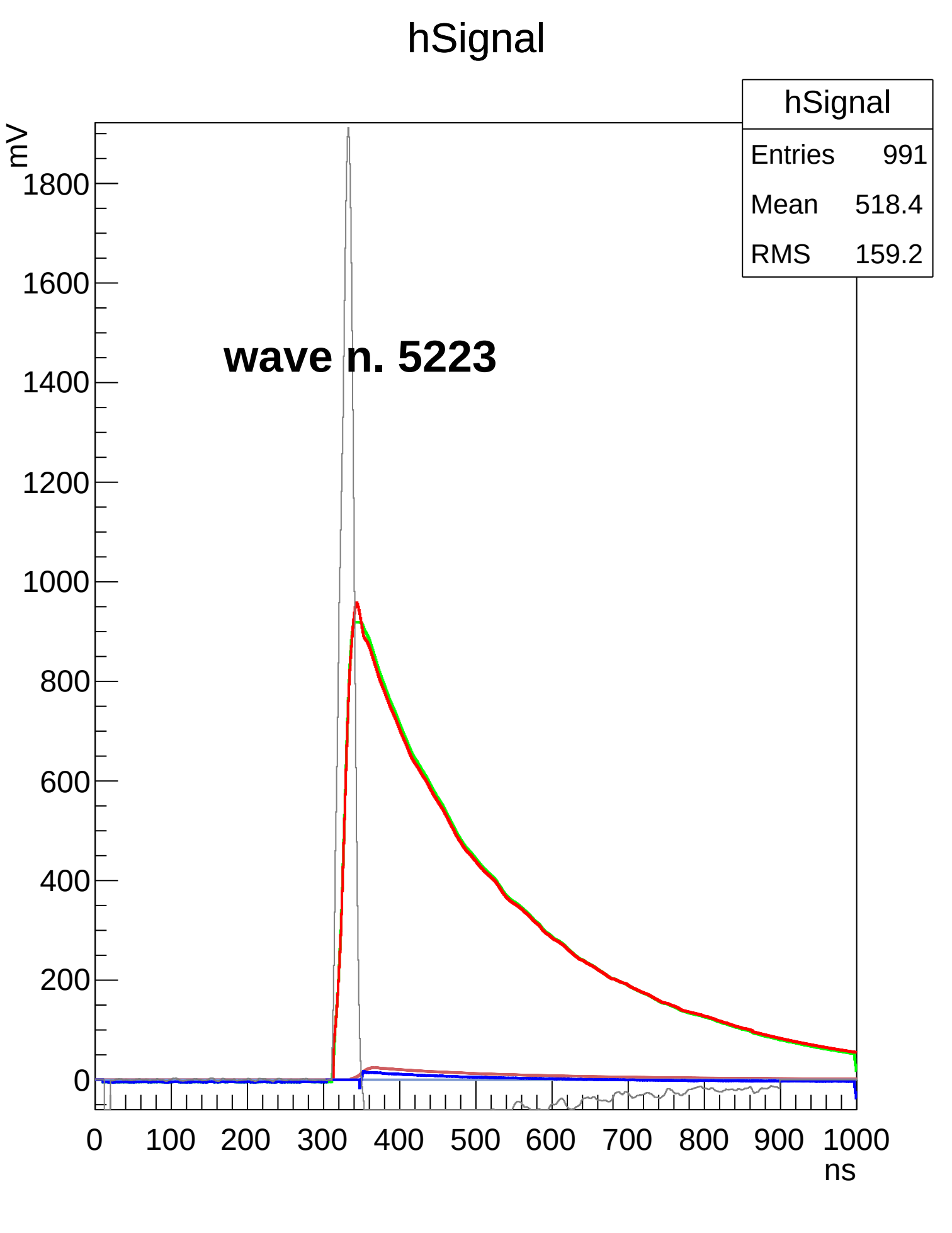
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 518.4
RMS 159.2
wave n. 5223
mV
1800
1600
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600
400
200
0
0
100
200
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400
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800
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1000
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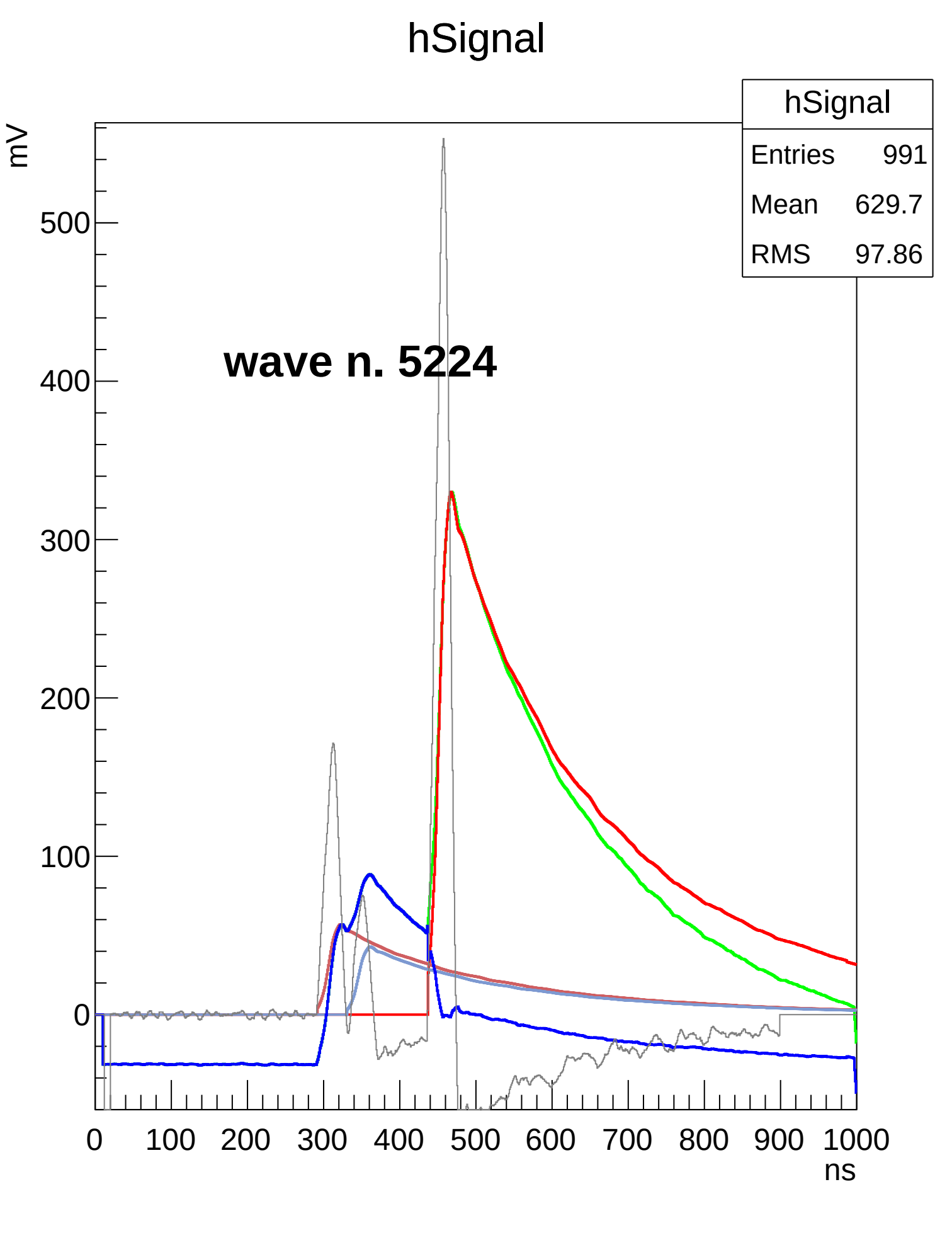
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hSignal
Entries 991
Mean 629.7
RMS 97.86
wave n. 5224
mV
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300
200
100
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0
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400
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1000
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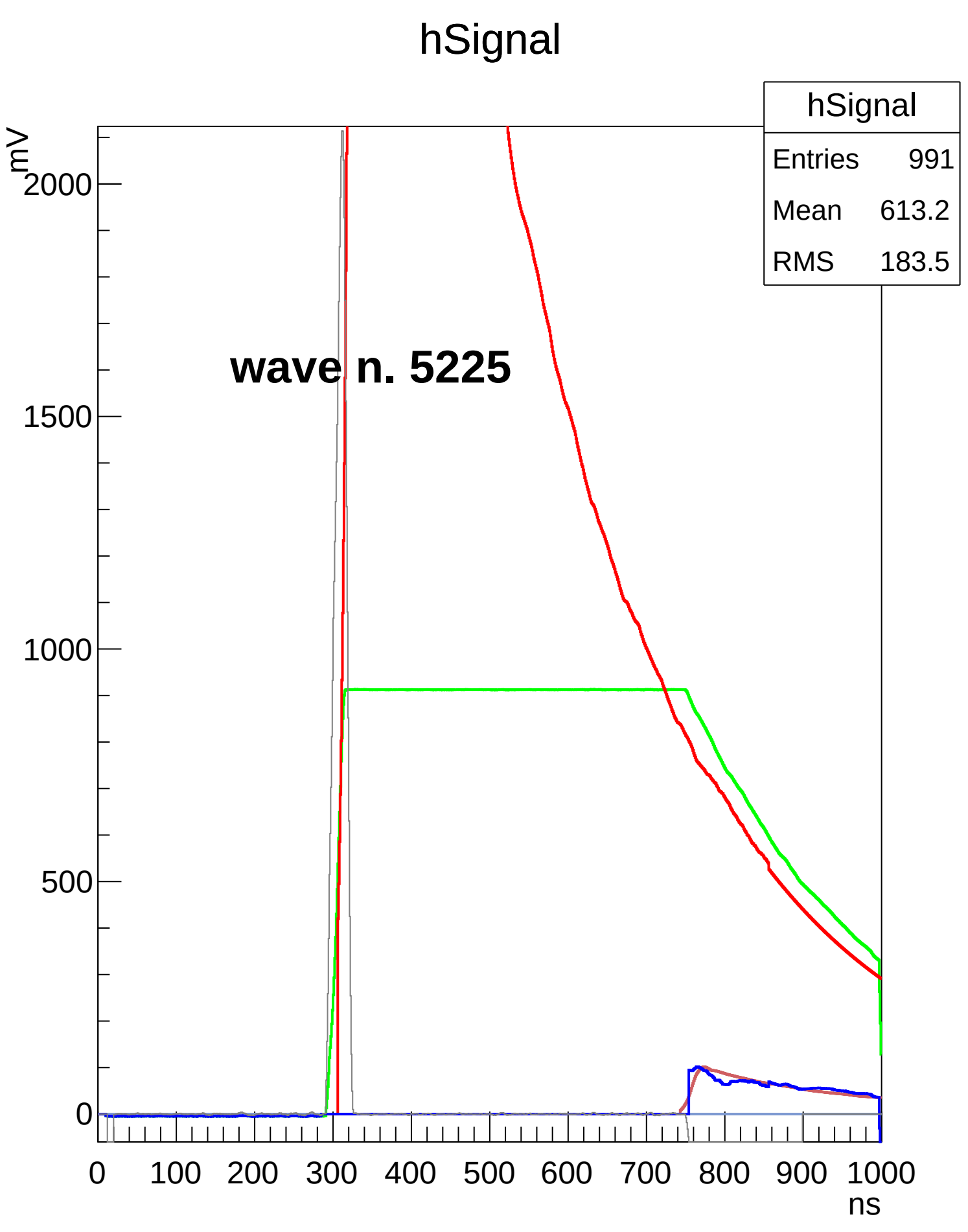
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hSignal
Entries 991
Mean 613.2
RMS 183.5
wave n. 5225
mV
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800
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1000
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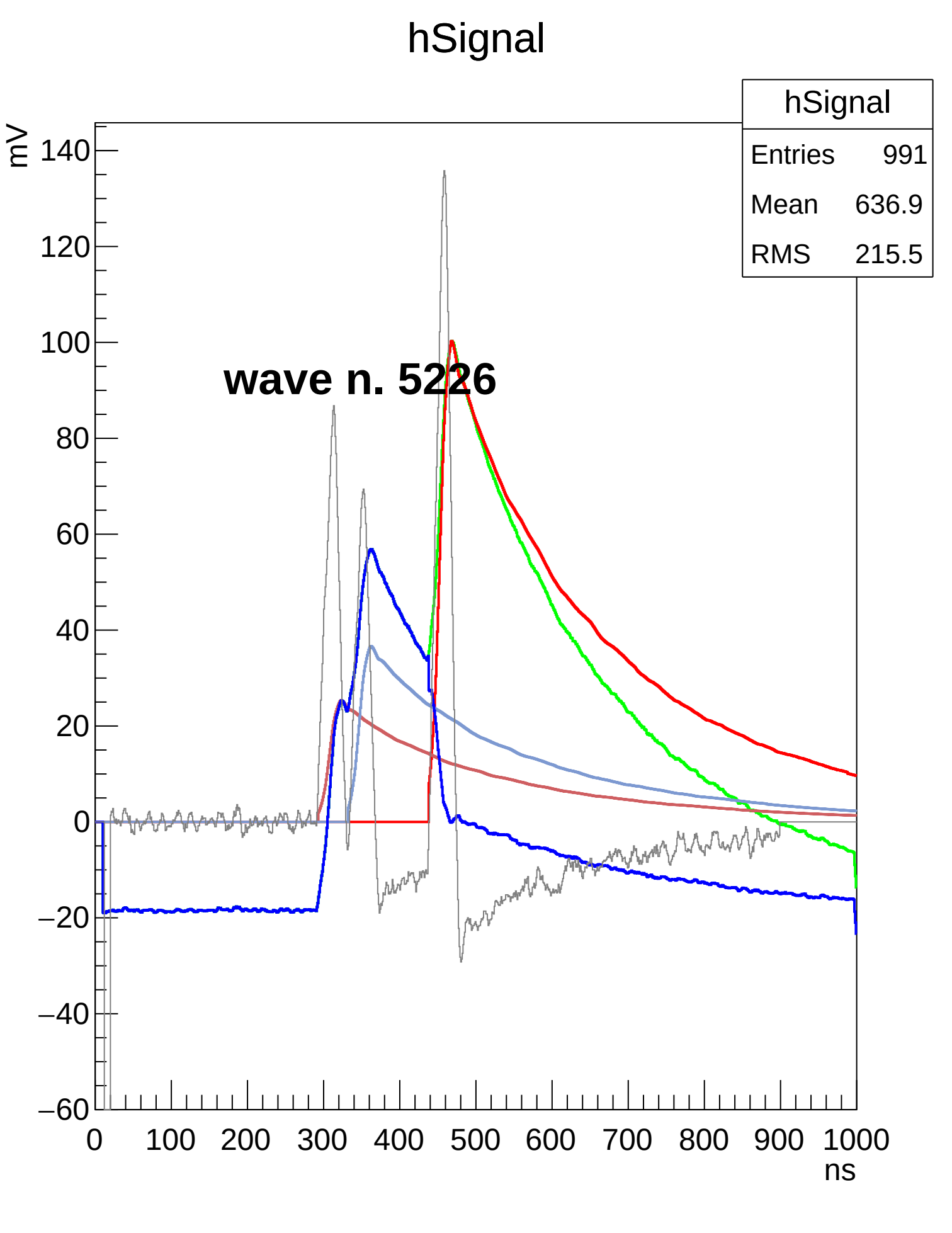
hSignal
hSignal
Entries 991
Mean 636.9
RMS 215.5
wave n. 5226
mV
140
120
100
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40
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−40
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800
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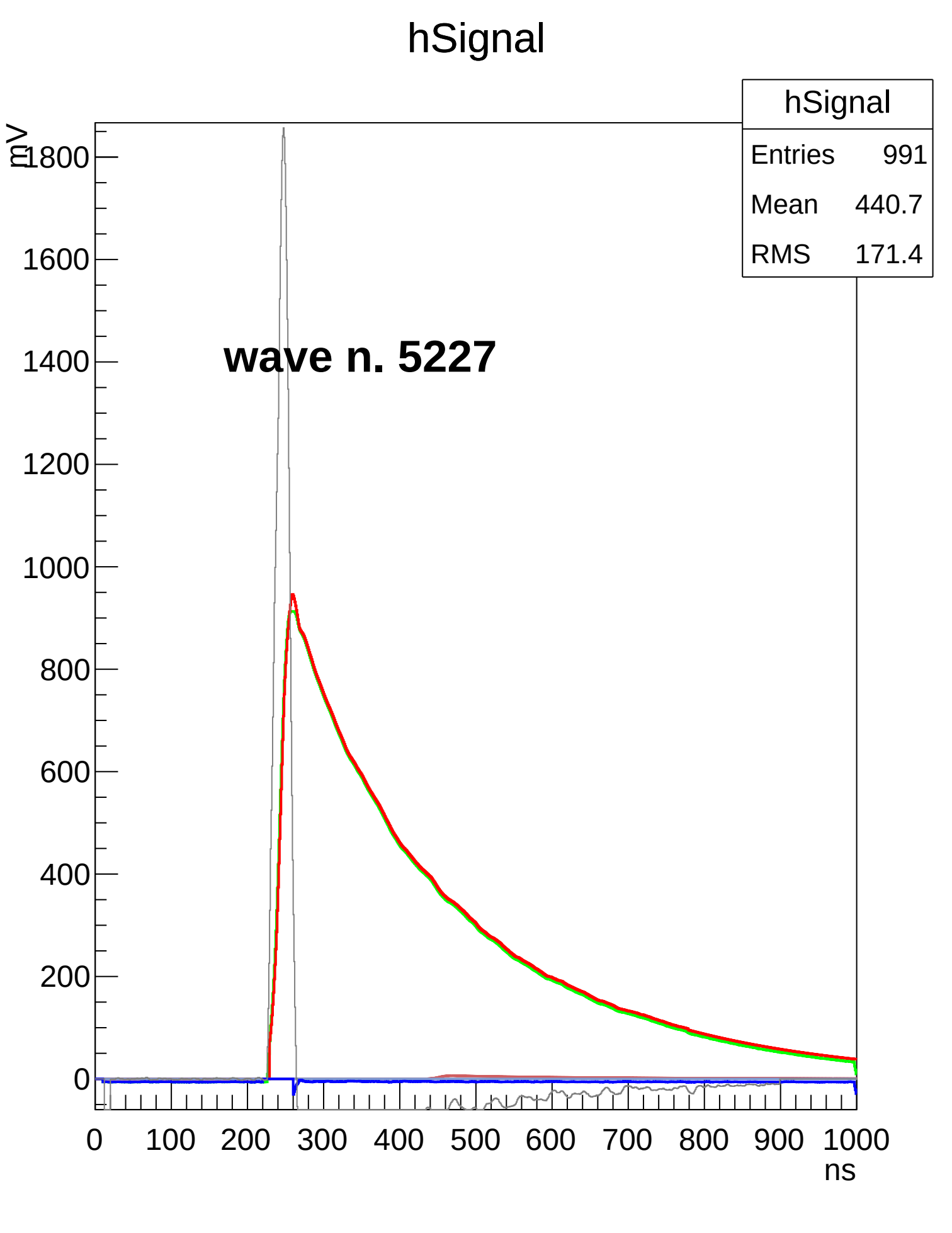
1000
ns


hSignal
hSignal
Entries 991
Mean 440.7
RMS 171.4
wave n. 5227
mV
1800
1600
1400
1200
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600
400
200
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200
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1000
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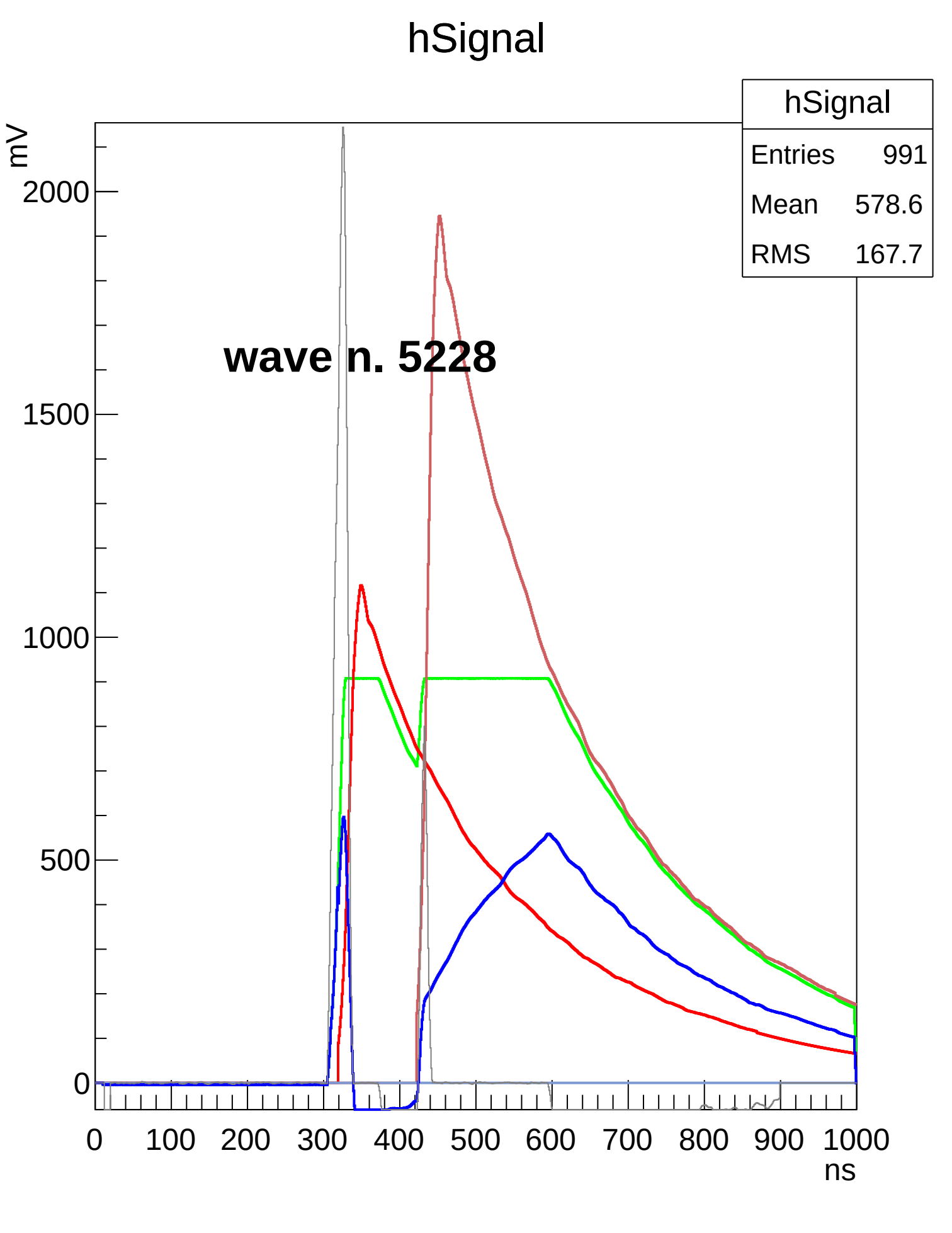
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hSignal
Entries 991
Mean 578.6
RMS 167.7
wave n. 5228
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1000
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200
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400
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800
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1000
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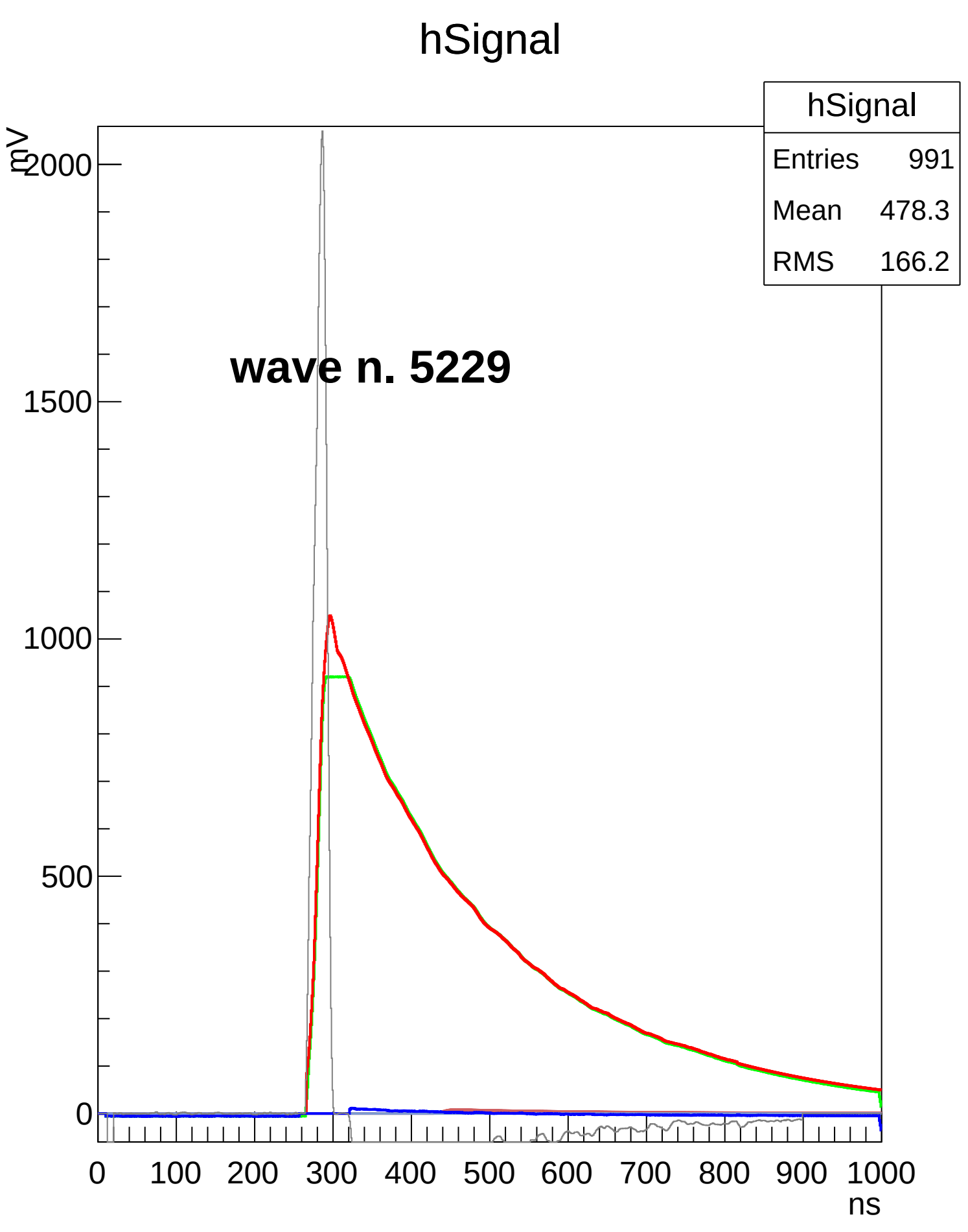
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hSignal
Entries 991
Mean 478.3
RMS 166.2
wave n. 5229
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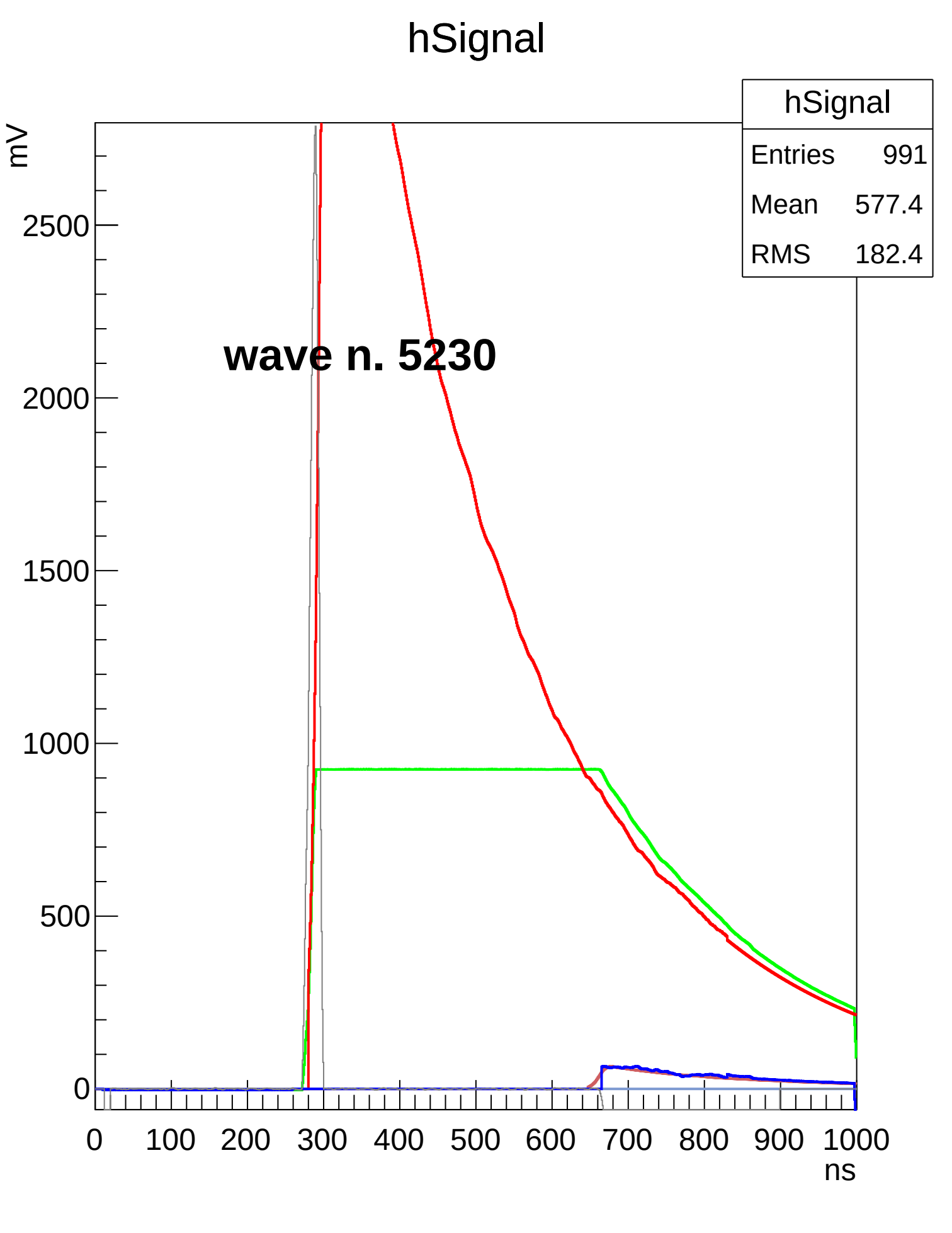
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hSignal
Entries 991
Mean 577.4
RMS 182.4
wave n. 5230
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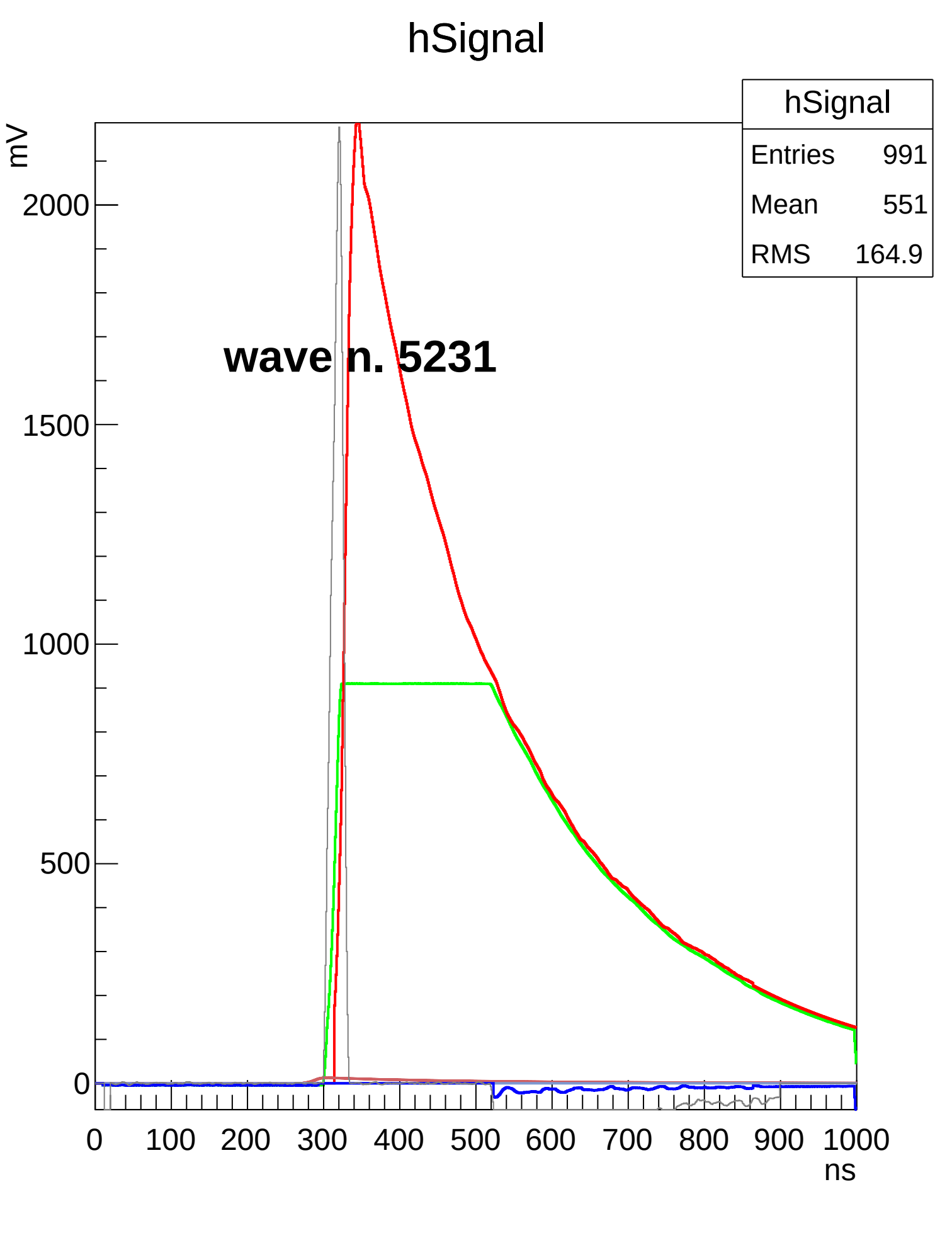
ns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hSignal
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Mean 551
RMS 164.9
wave n. 5231
mV
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1000
500
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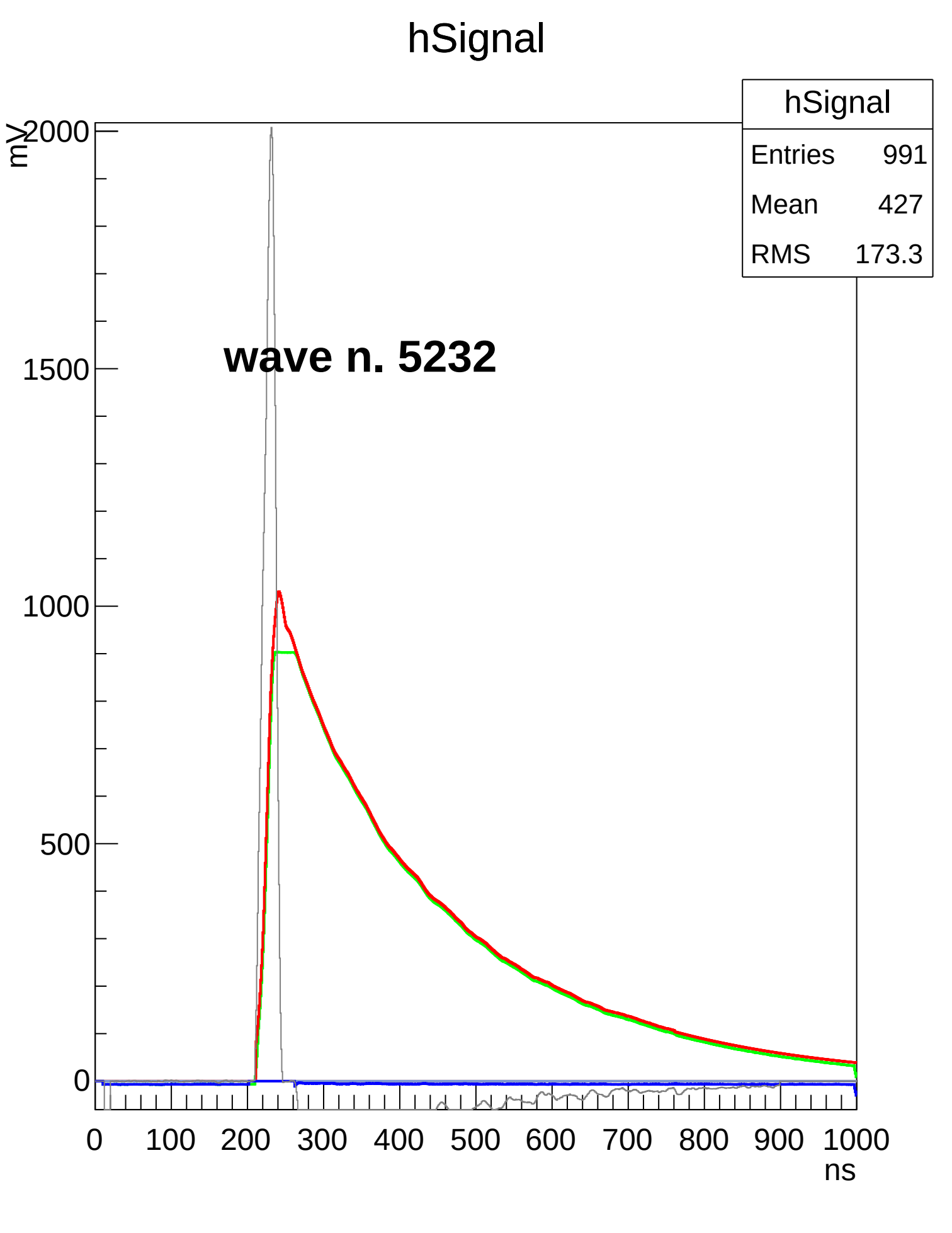
ns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hSignal
Entries 991
Mean 427
RMS 173.3
wave n. 5232
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1000
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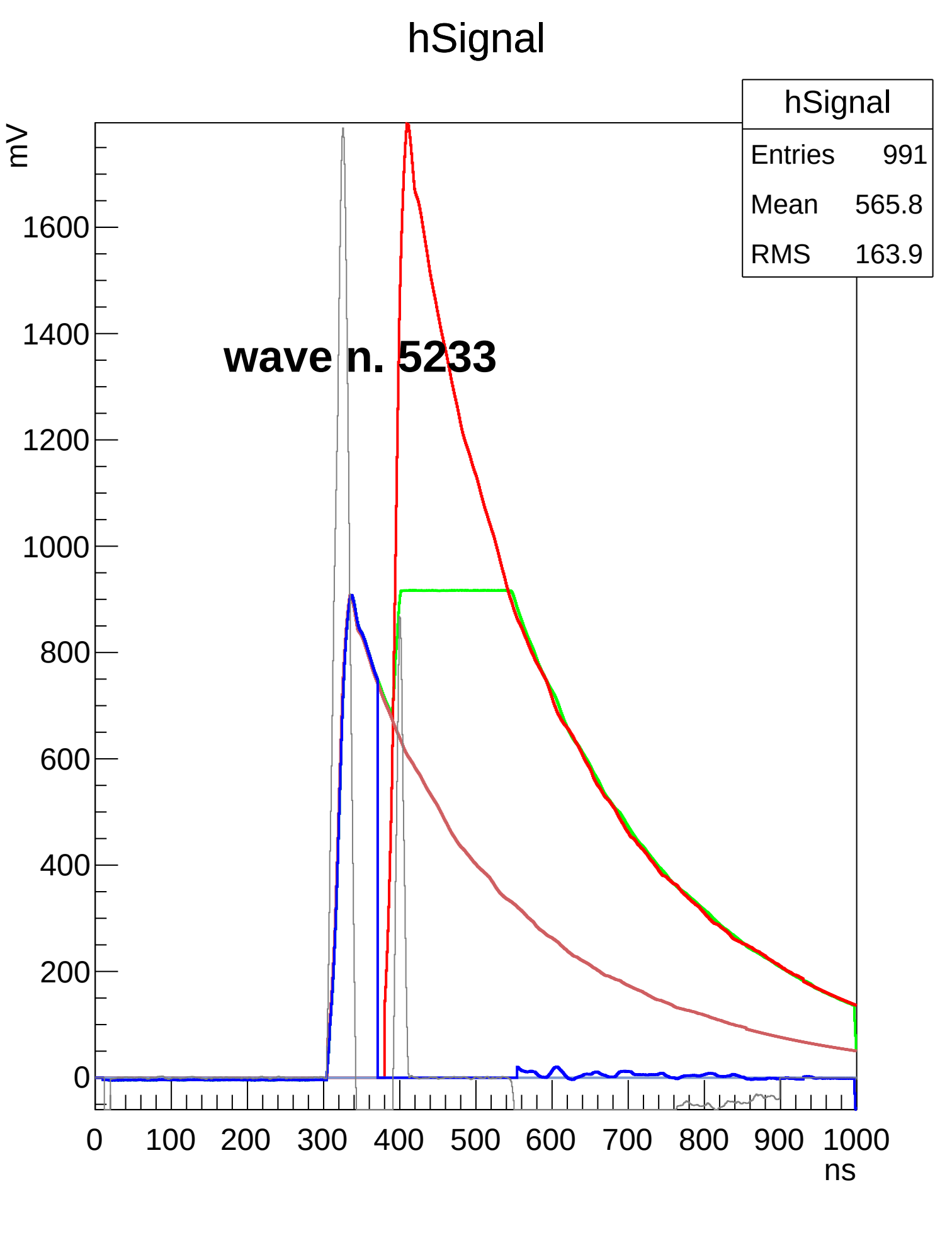
hSignal
hSignal
Entries 991
Mean 565.8
RMS 163.9
wave n. 5233
mV
1600
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1000
800
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400
200
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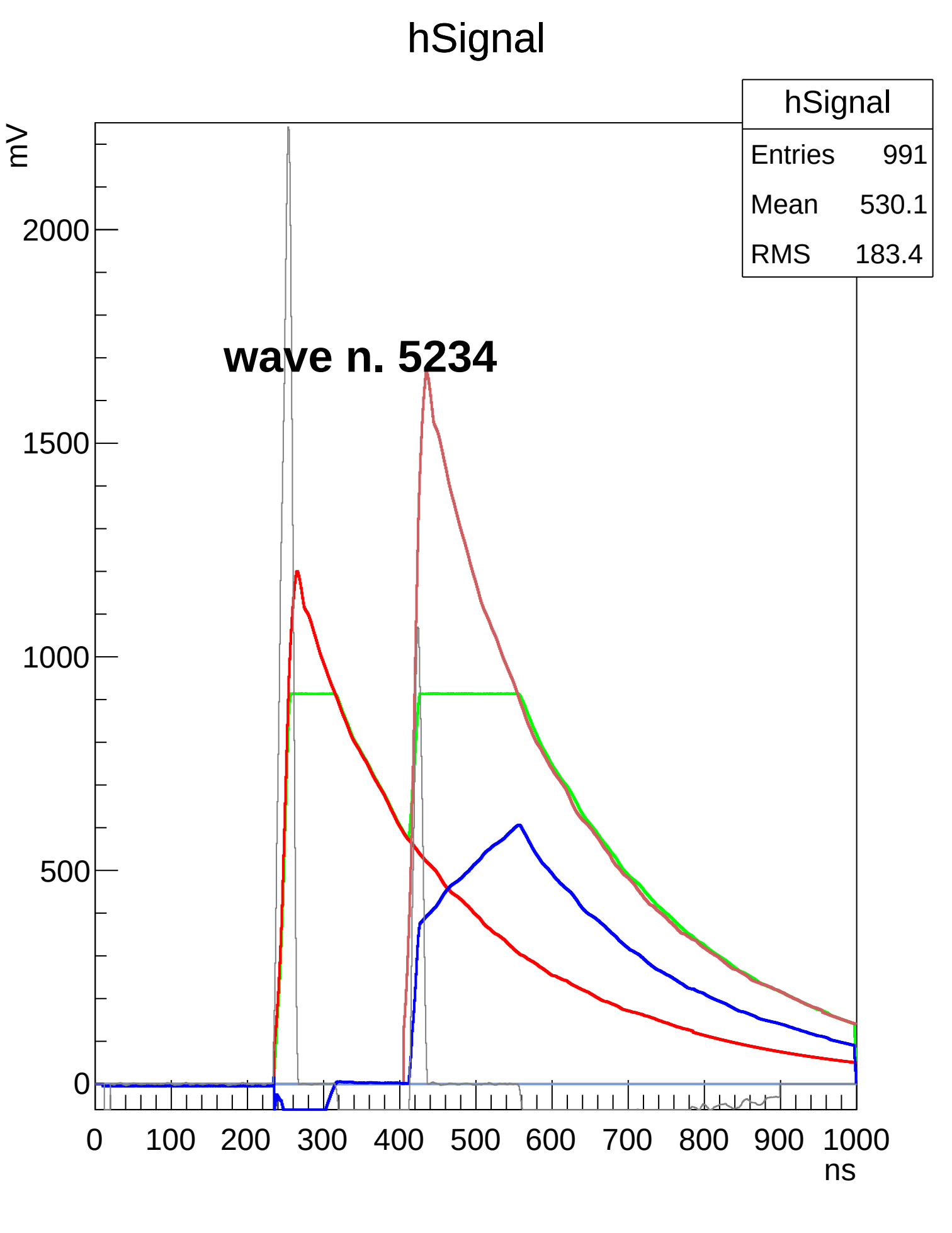
ns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hSignal
Entries 991
Mean 530.1
RMS 183.4
wave n. 5234
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400
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600
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800
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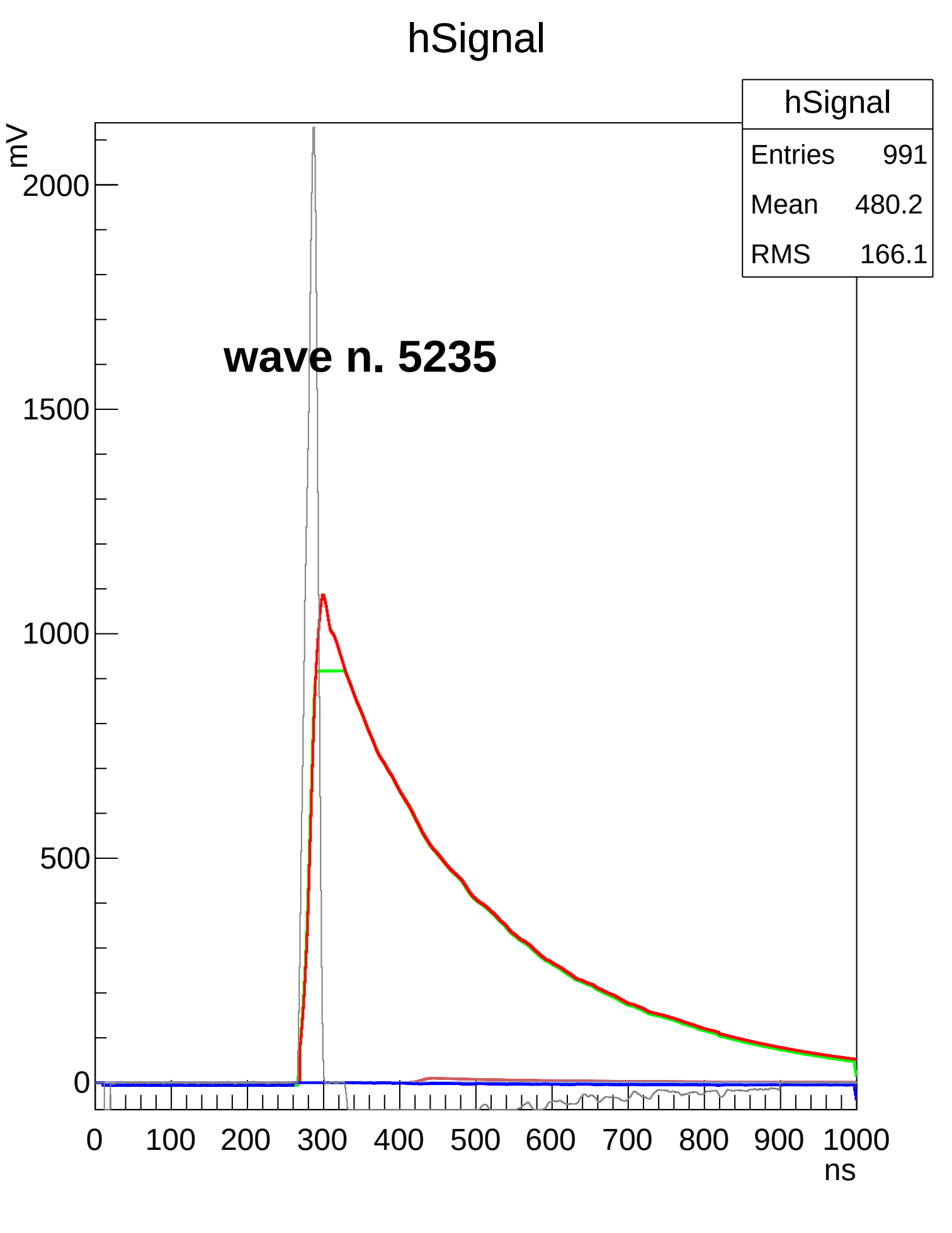
1000
ns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hSignal
Entries 991
Mean 480.2
RMS 166.1
wave n. 5235
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0
100
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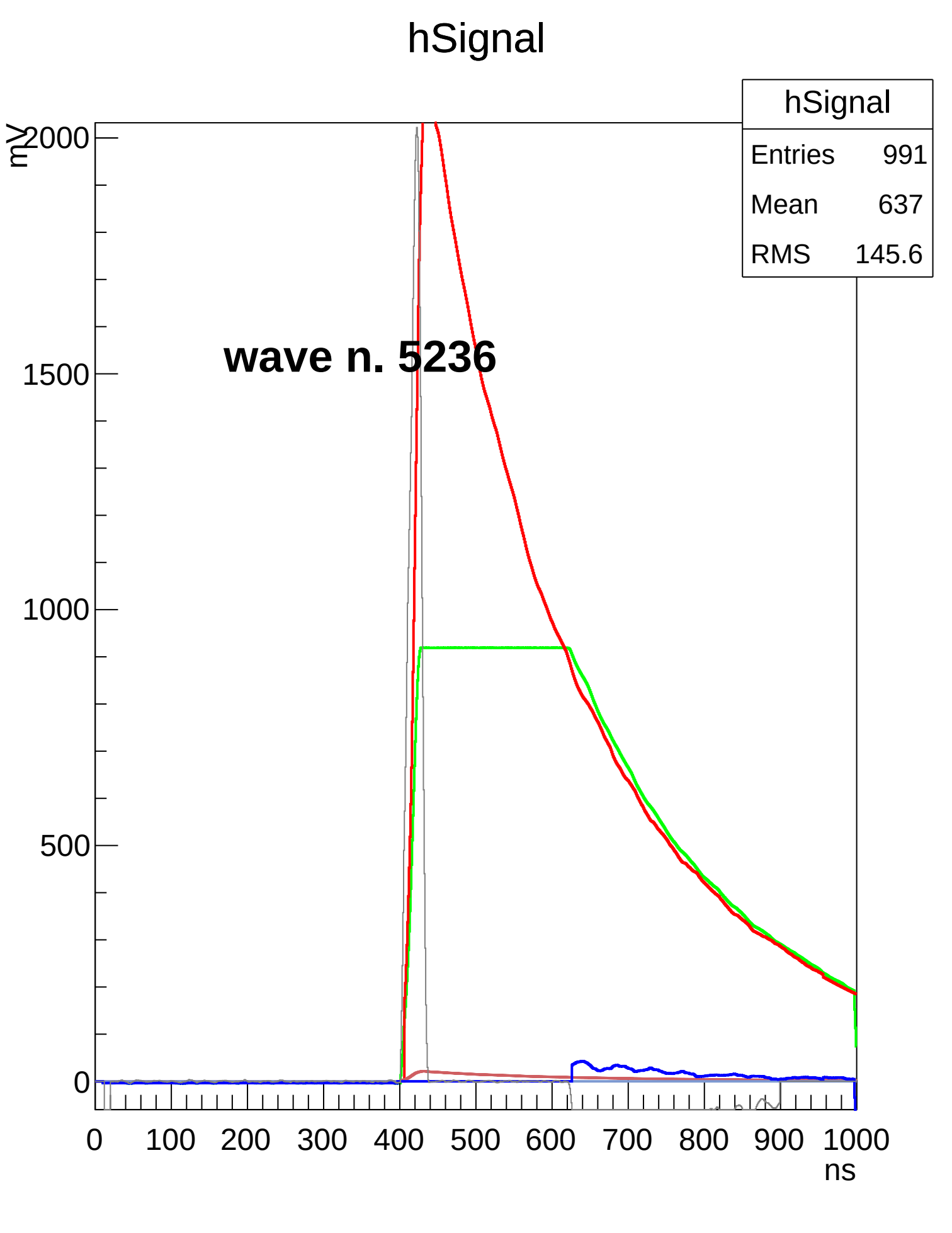
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hSignal
Entries 991
Mean 637
RMS 145.6
wave n. 5236
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800
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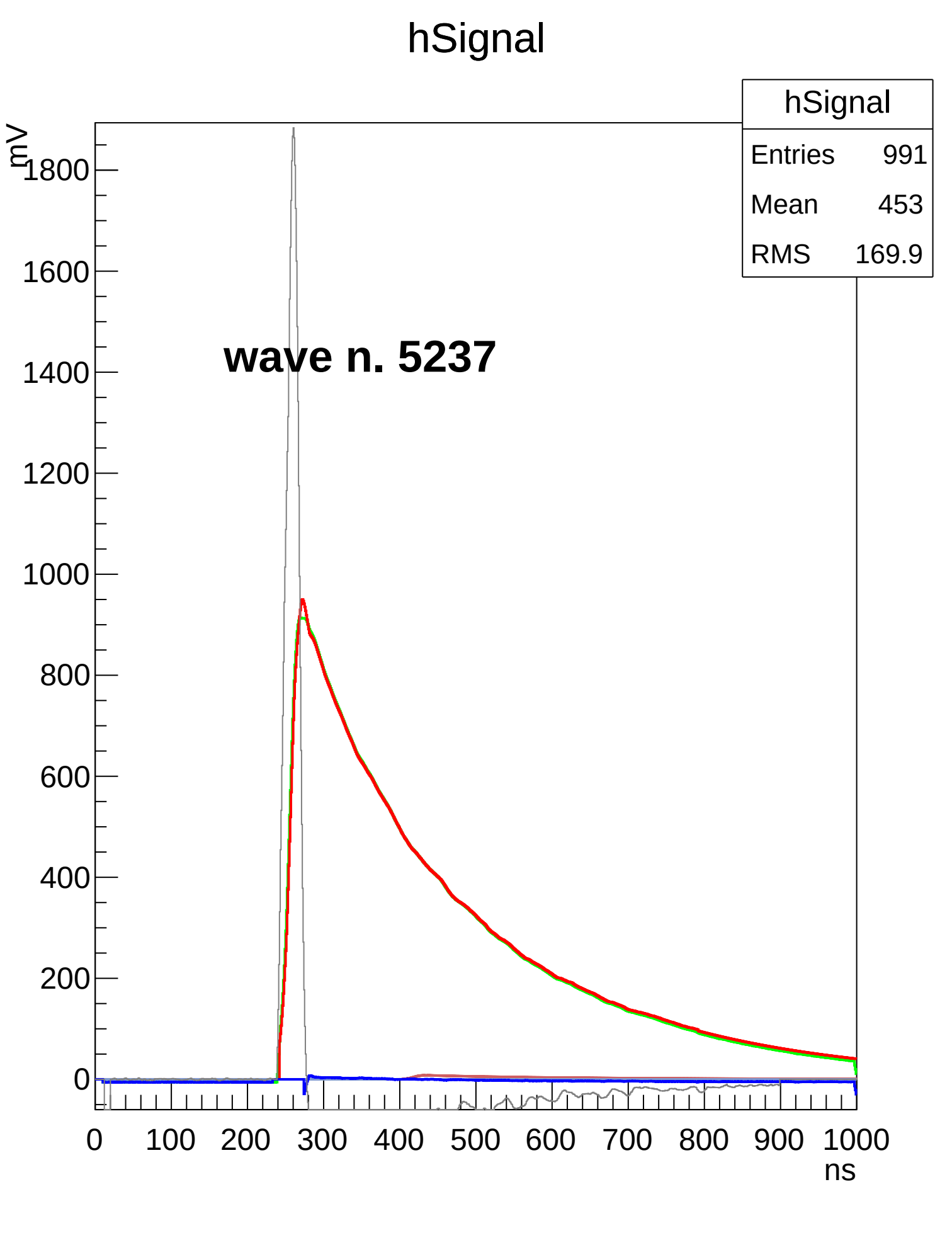
1000
ns


hSignal
hSignal
Entries 991
Mean 453
RMS 169.9
wave n. 5237
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400
200
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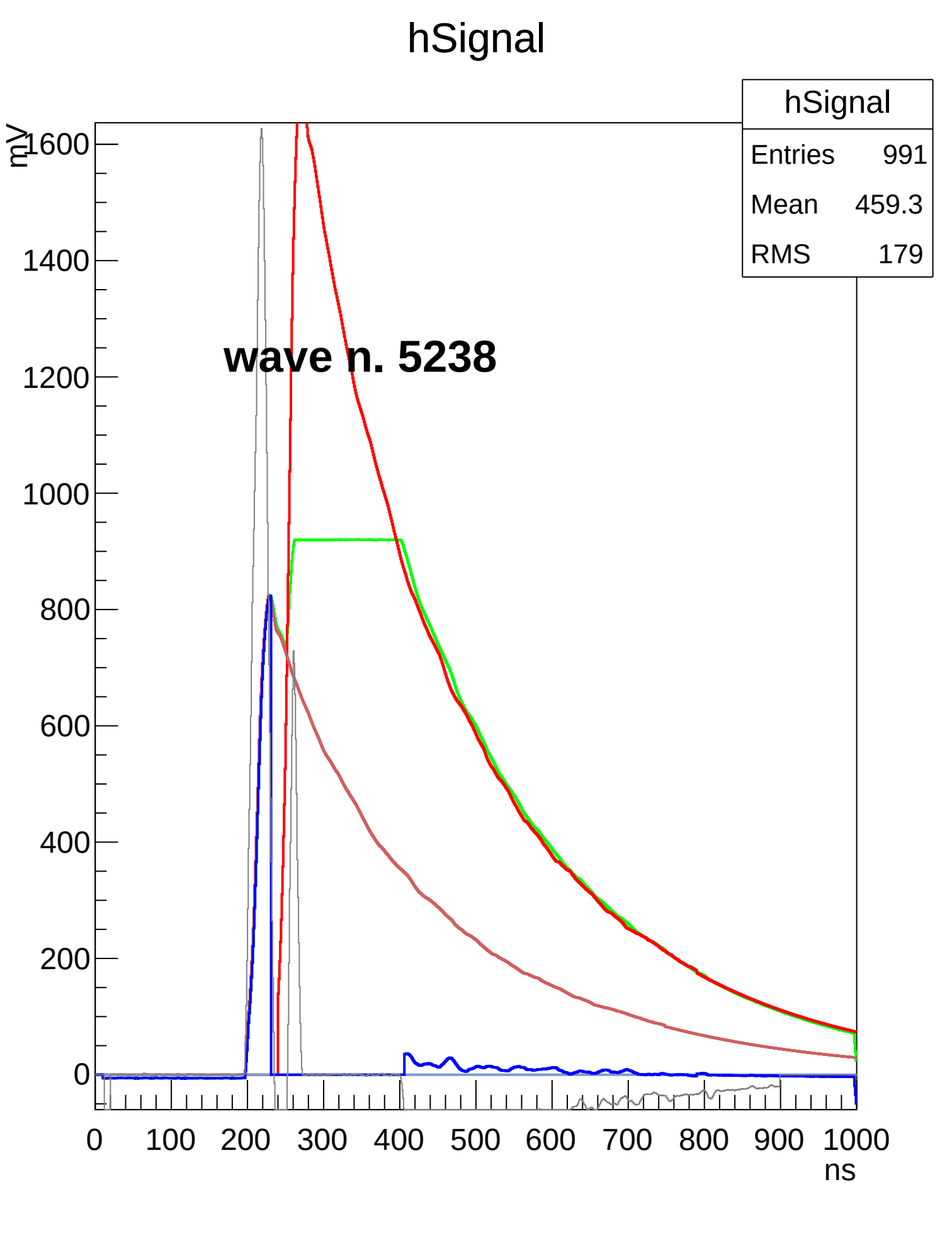
ns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hSignal
Entries 991
Mean 459.3
RMS 179
wave n. 5238
mV
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800
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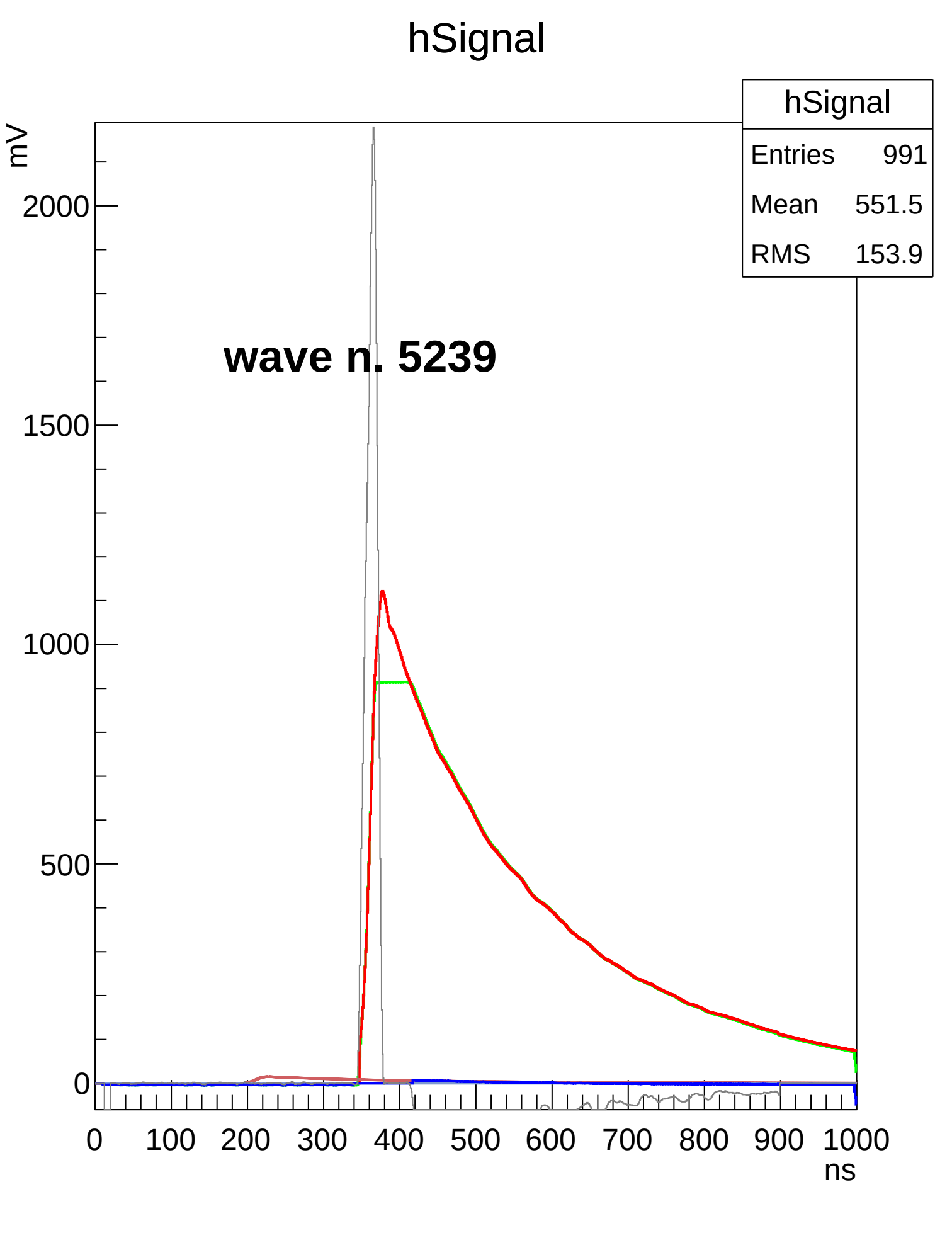
1000
ns


hSignal
hSignal
Entries 991
Mean 551.5
RMS 153.9
wave n. 5239
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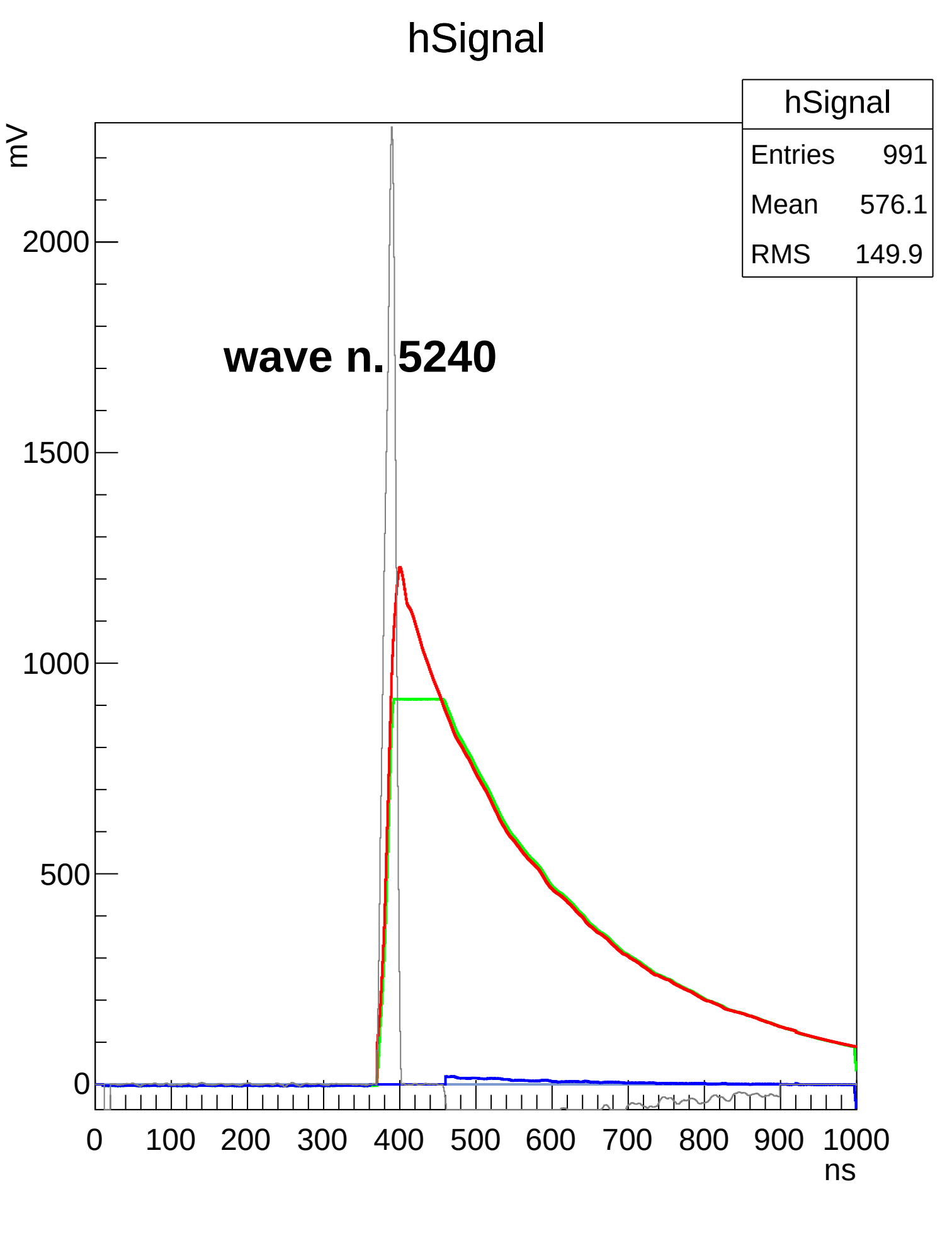
hSignal
hSignal
Entries 991
Mean 576.1
RMS 149.9
wave n. 5240
mV
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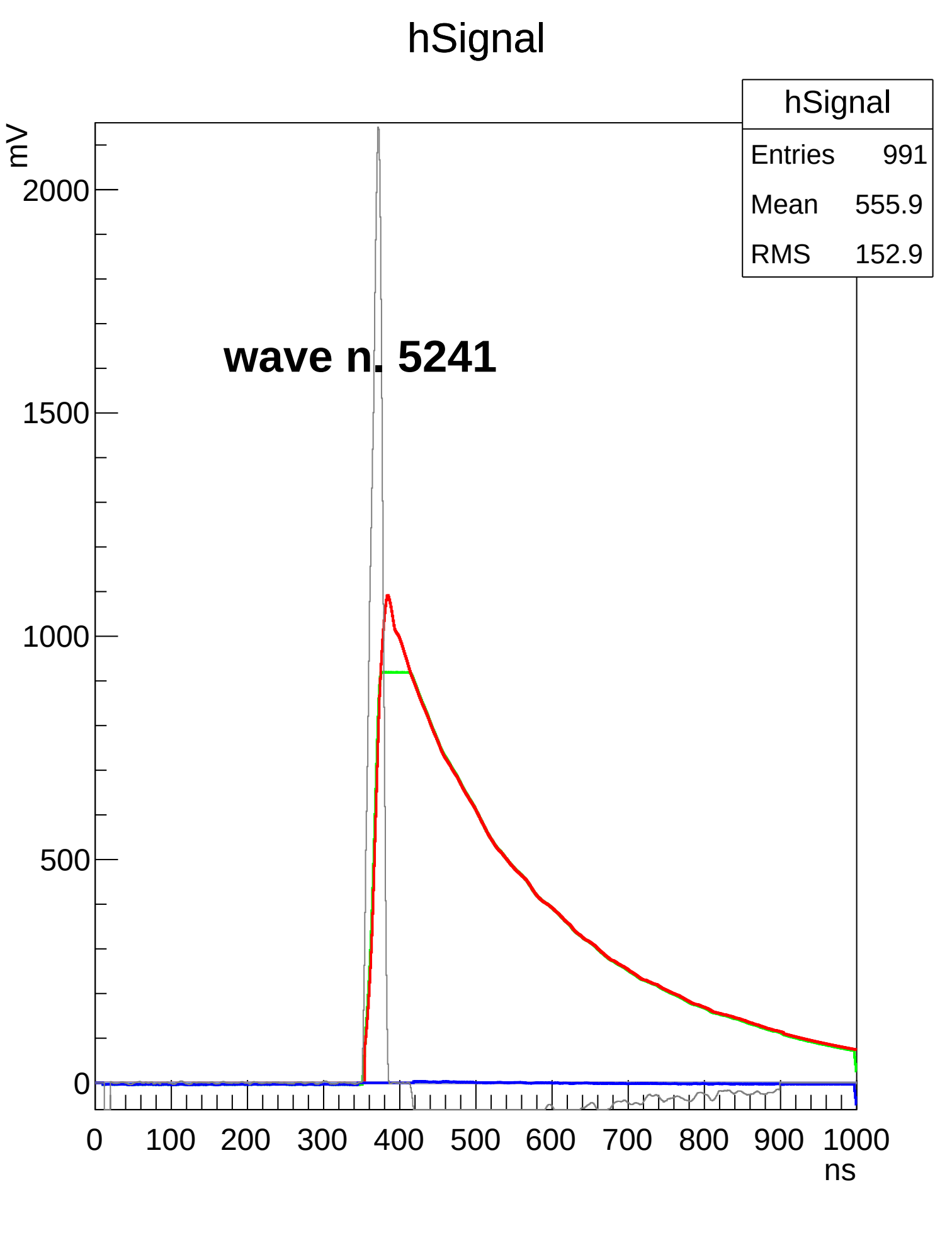
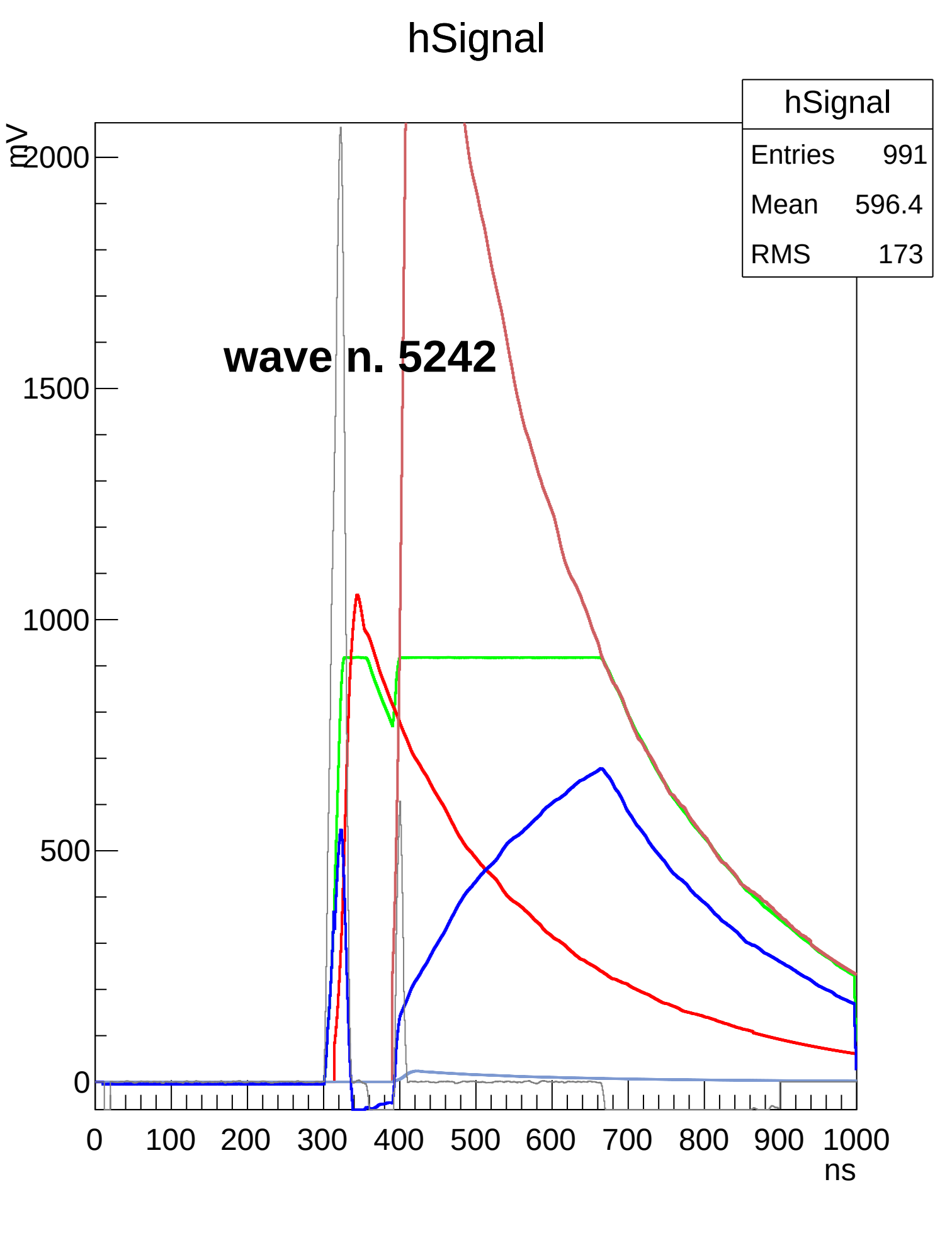
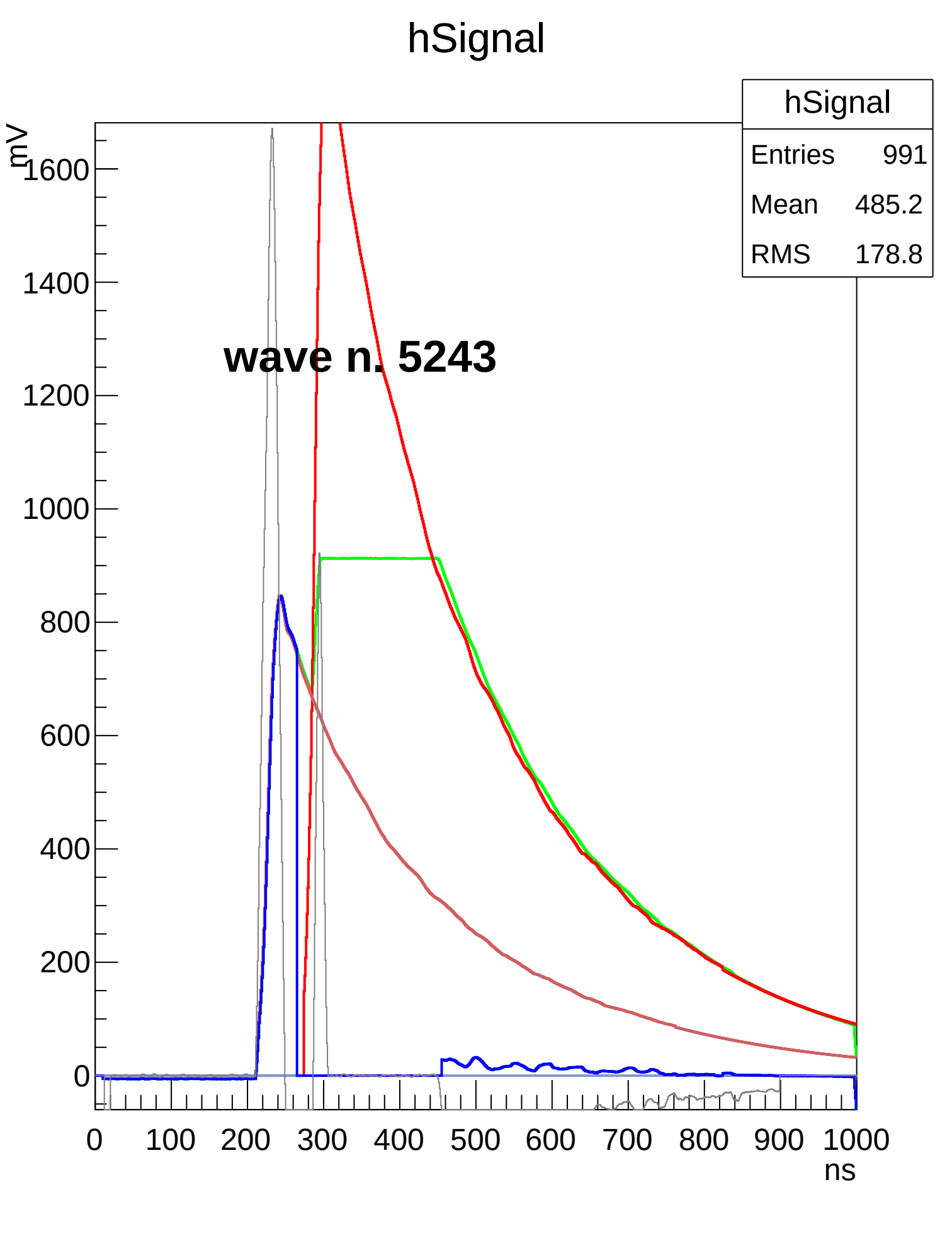
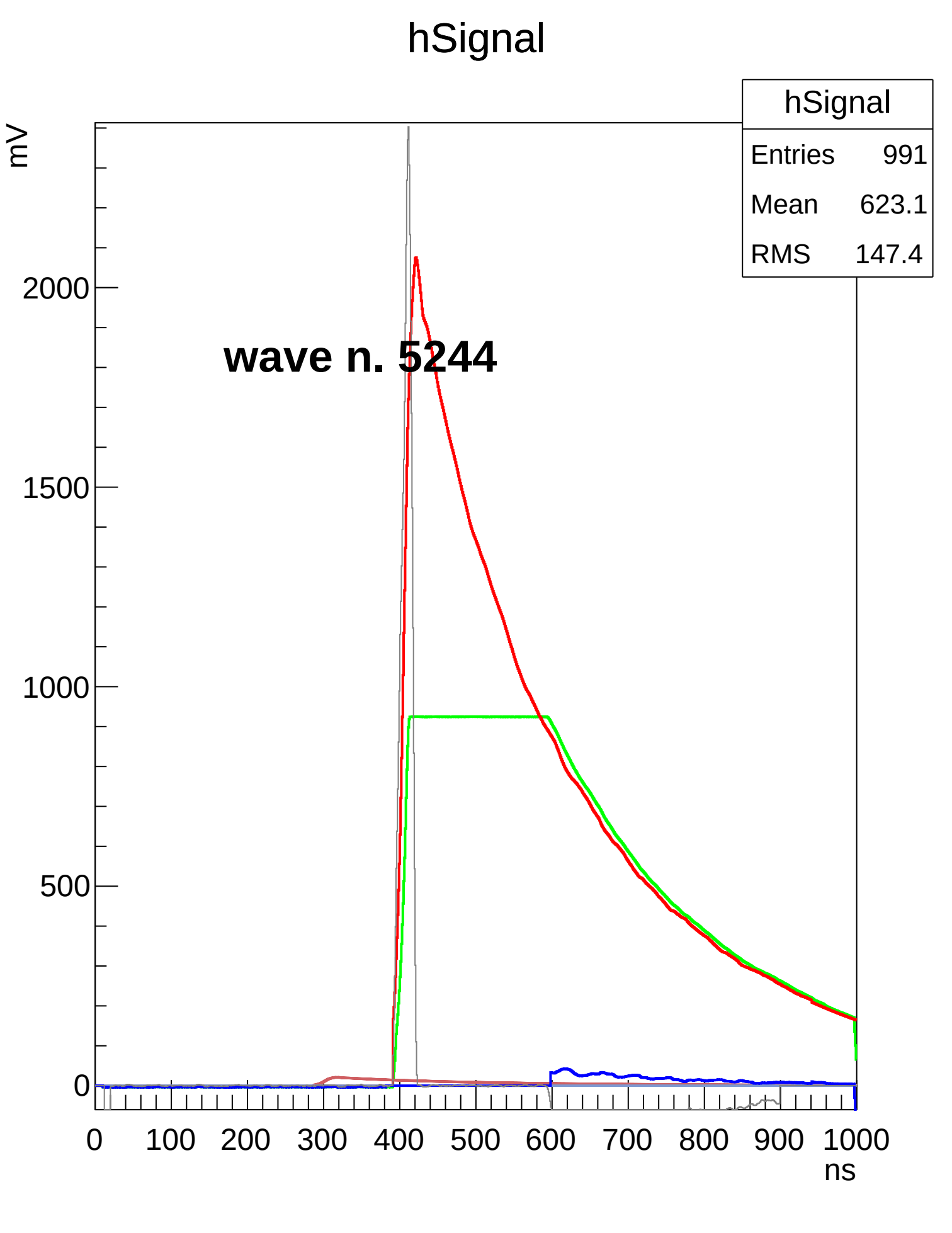
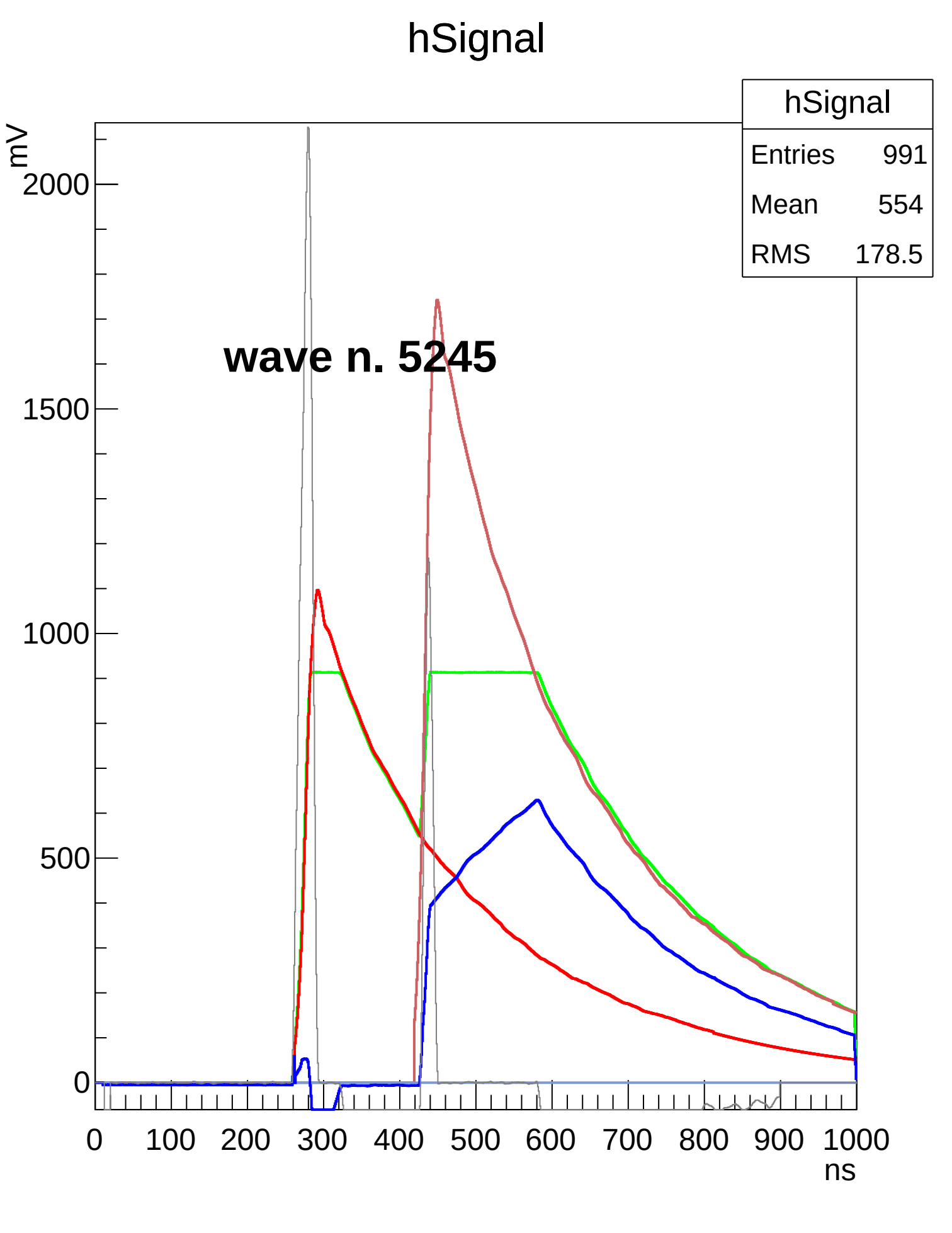
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 555.9
RMS 152.9
wave n. 5241
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 596.4
RMS 173
wave n. 5242
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485.2
RMS 178.8
wave n. 5243
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 623.1
RMS 147.4
wave n. 5244
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
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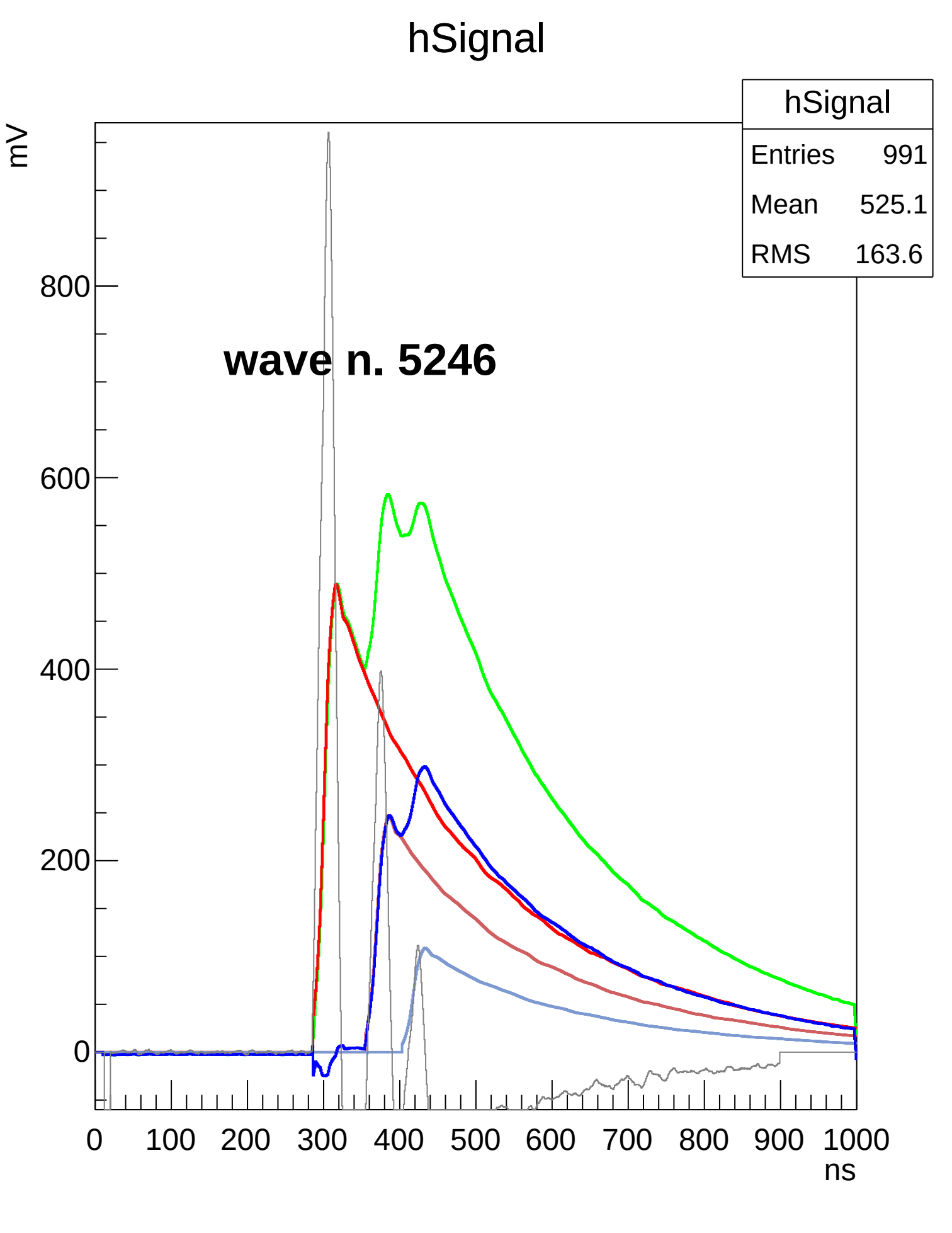
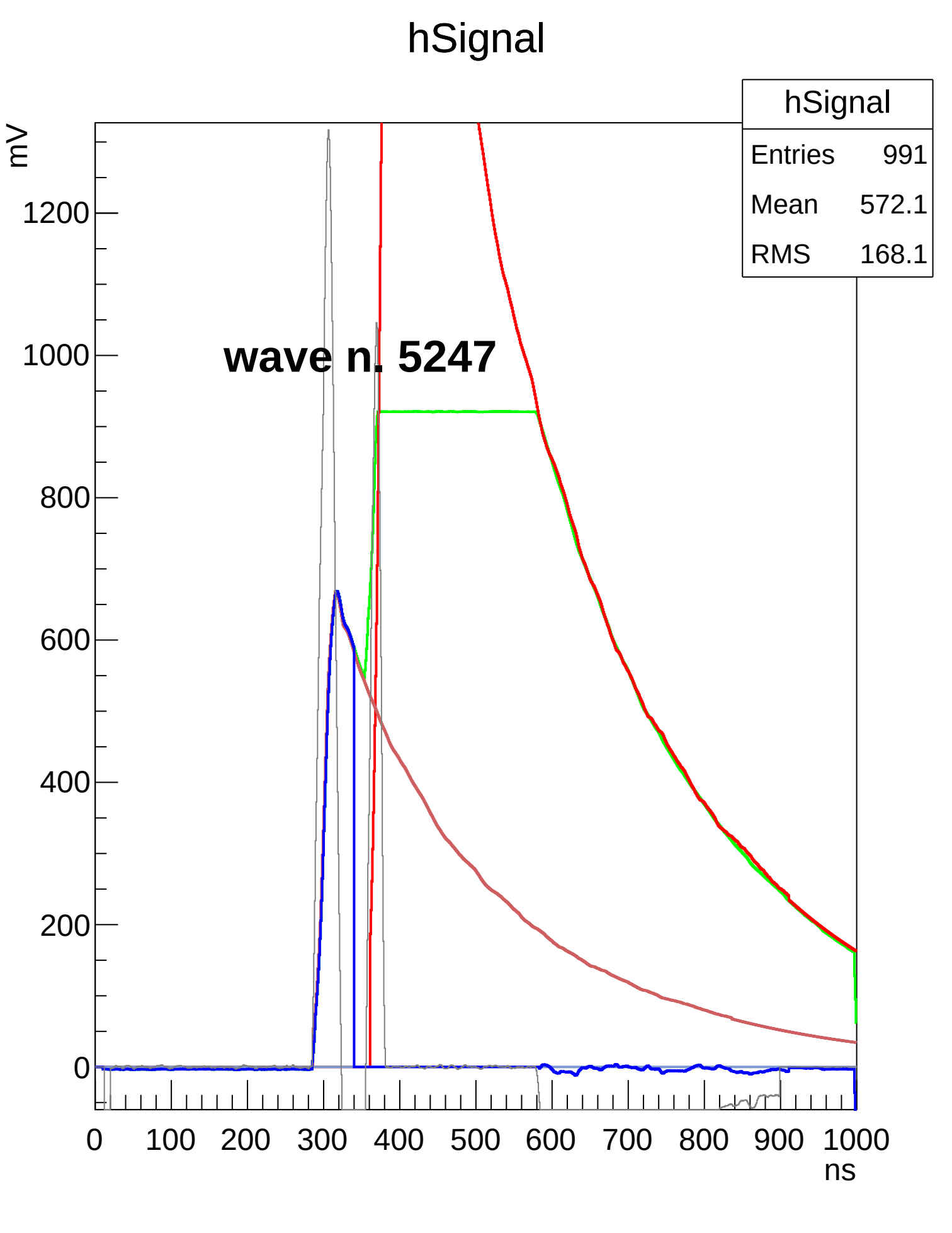
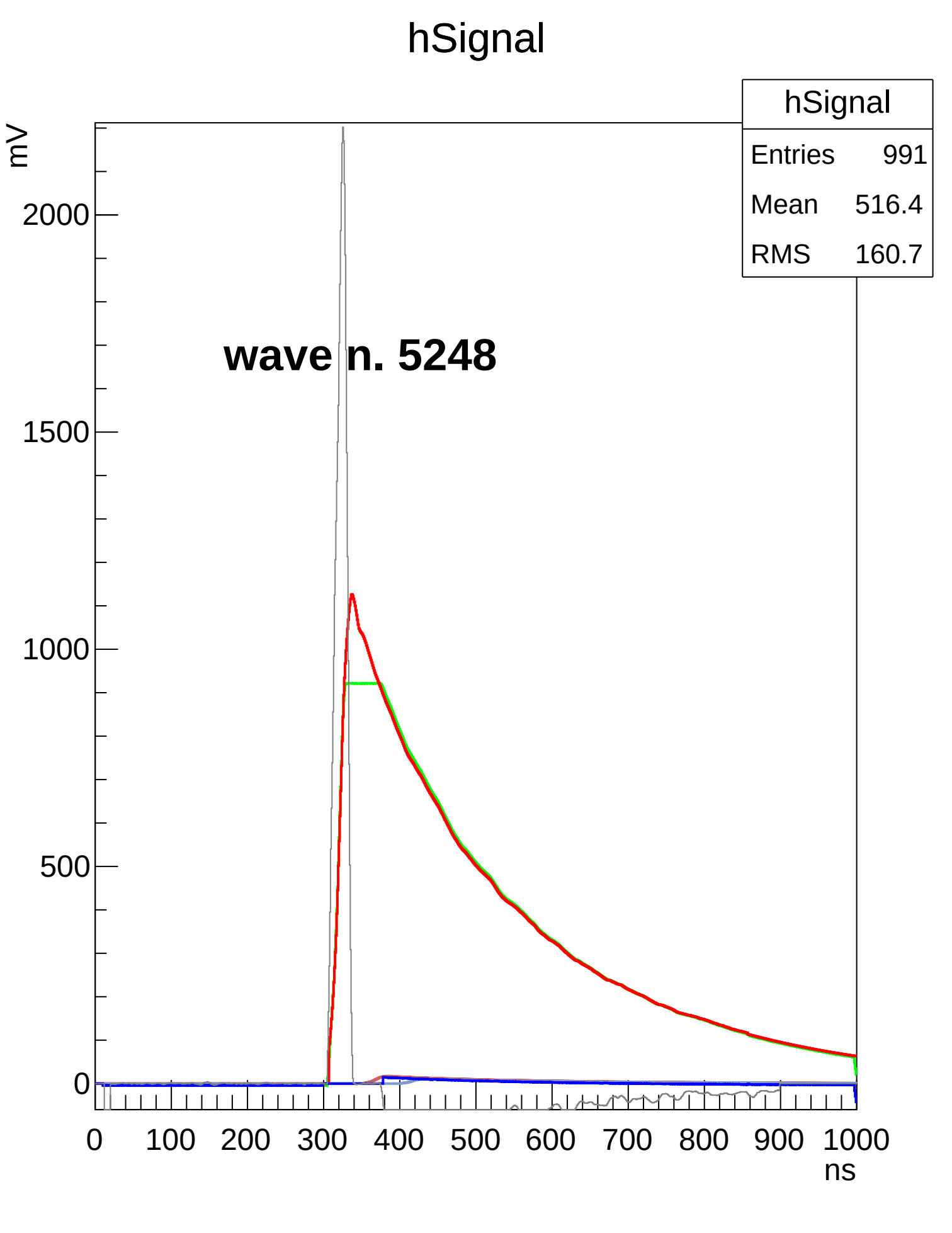
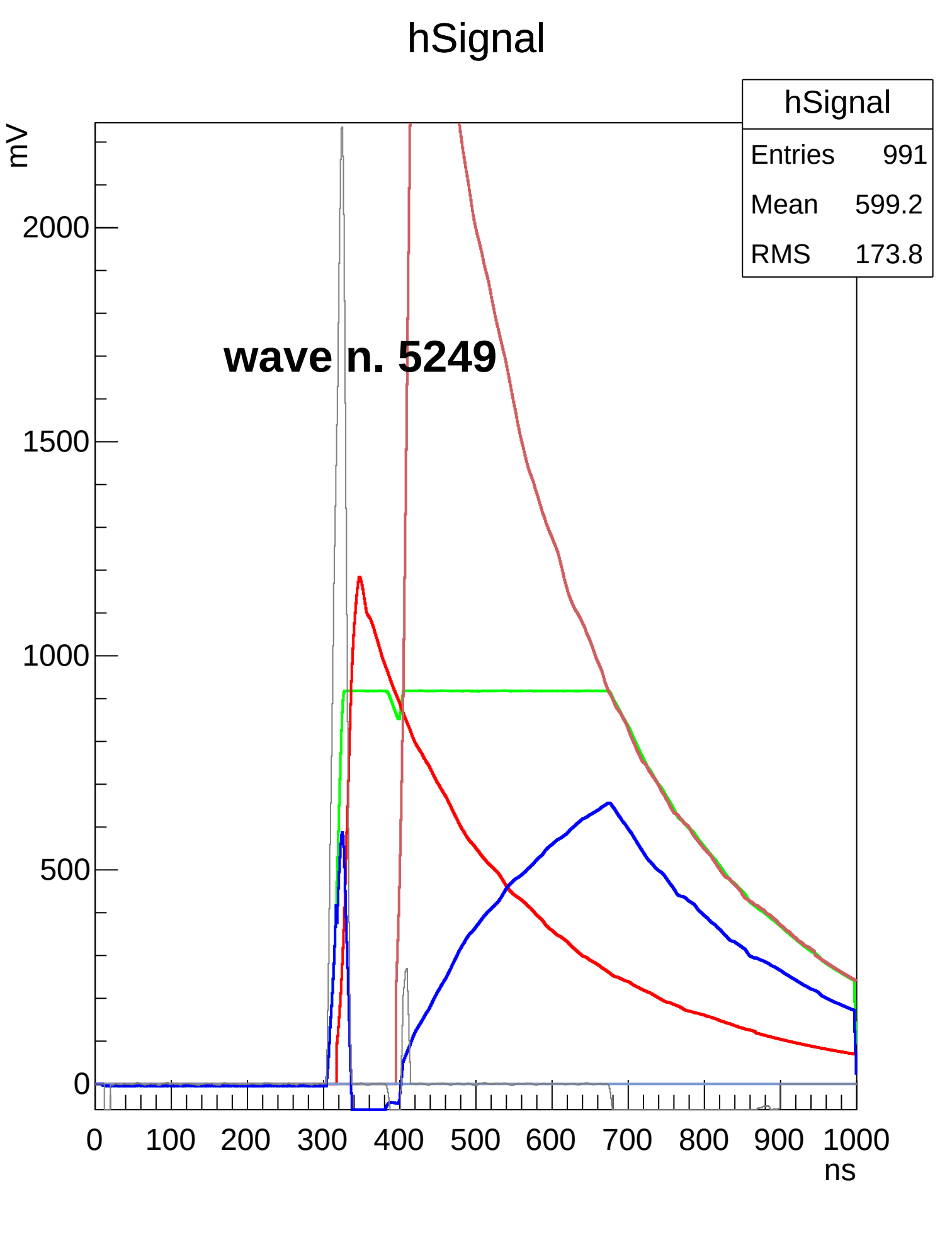
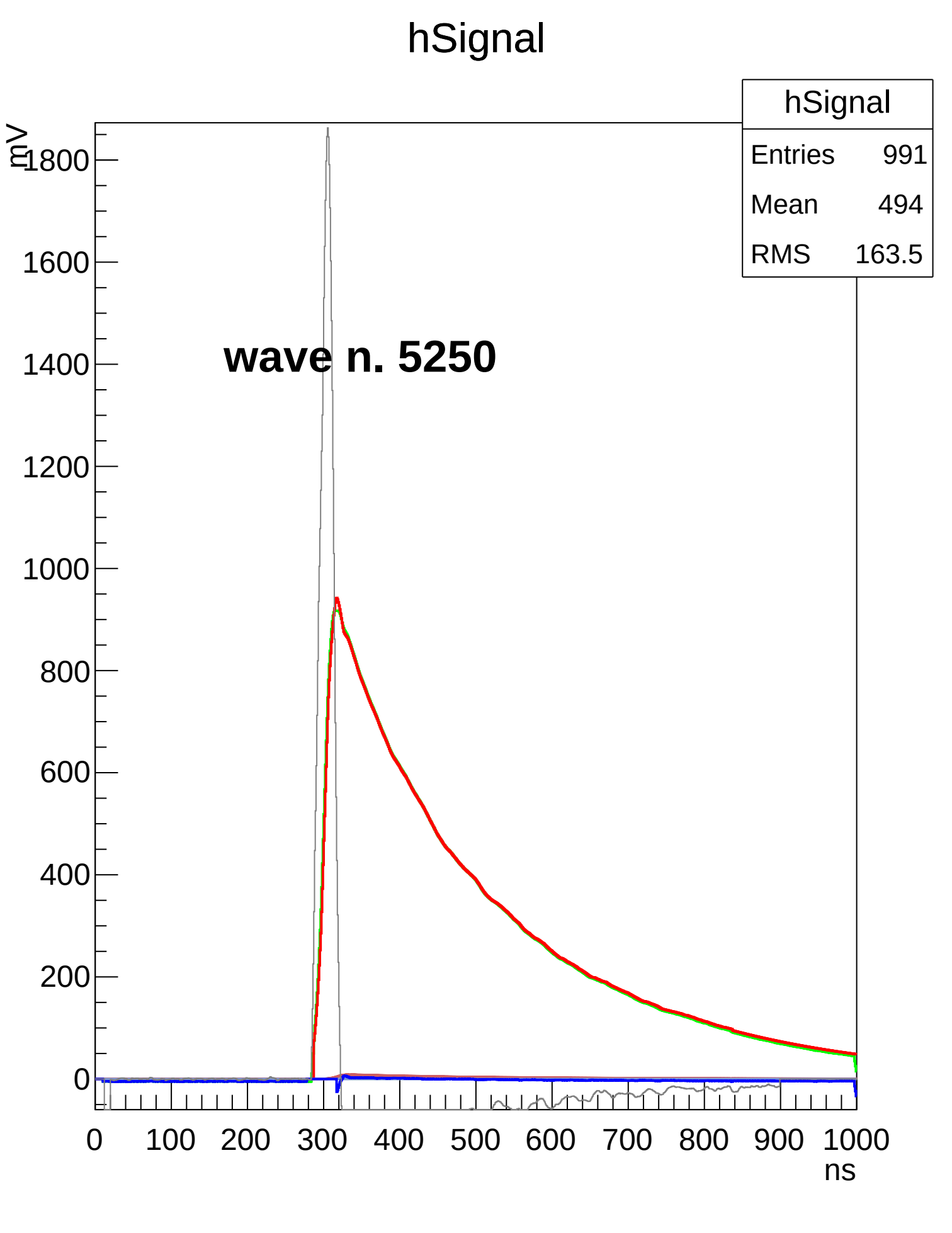
Entries 991
Mean 554
RMS 178.5
wave n. 5245
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

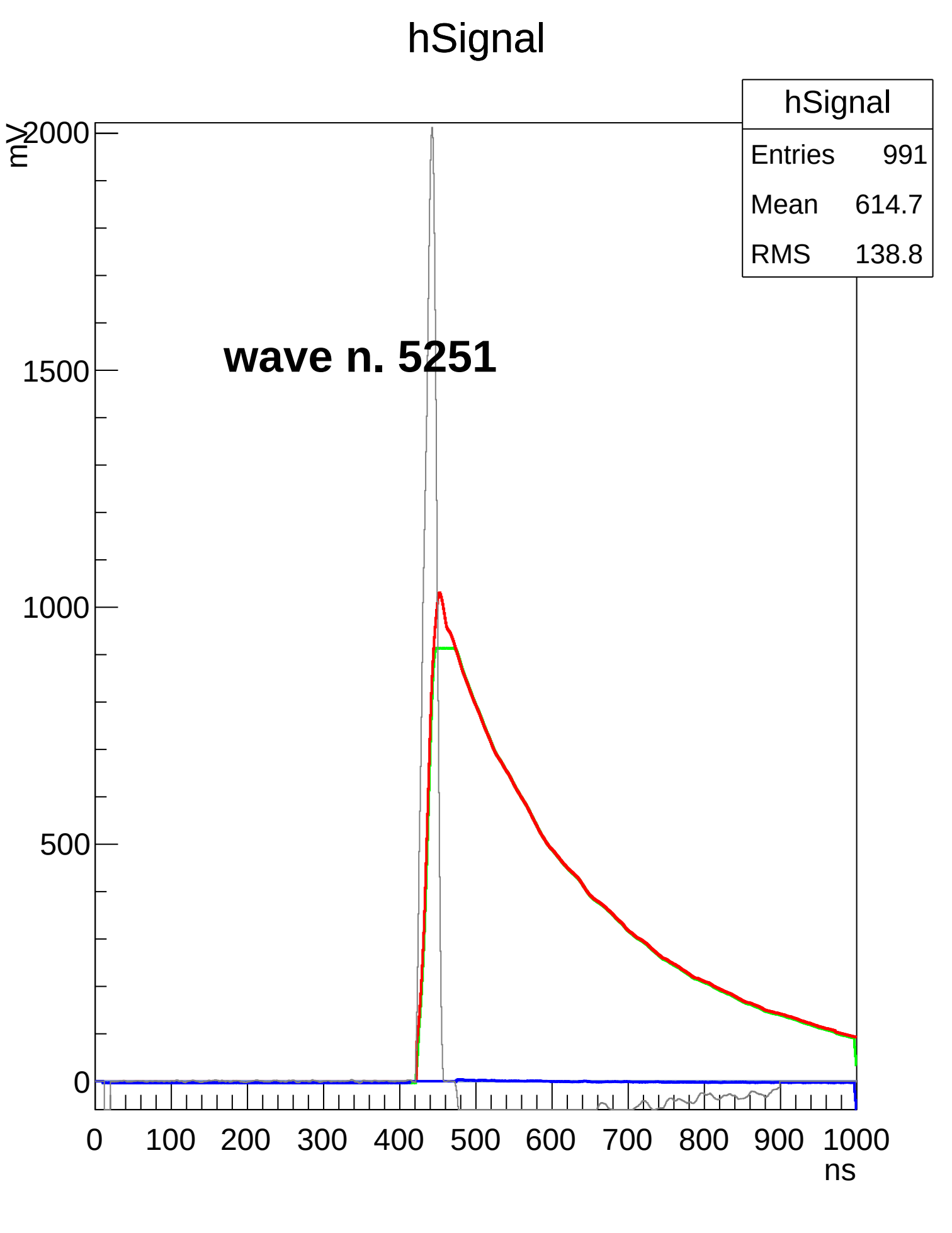

hSignal
hSignal
Entries 991
Mean 525.1
RMS 163.6
wave n. 5246
mV
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

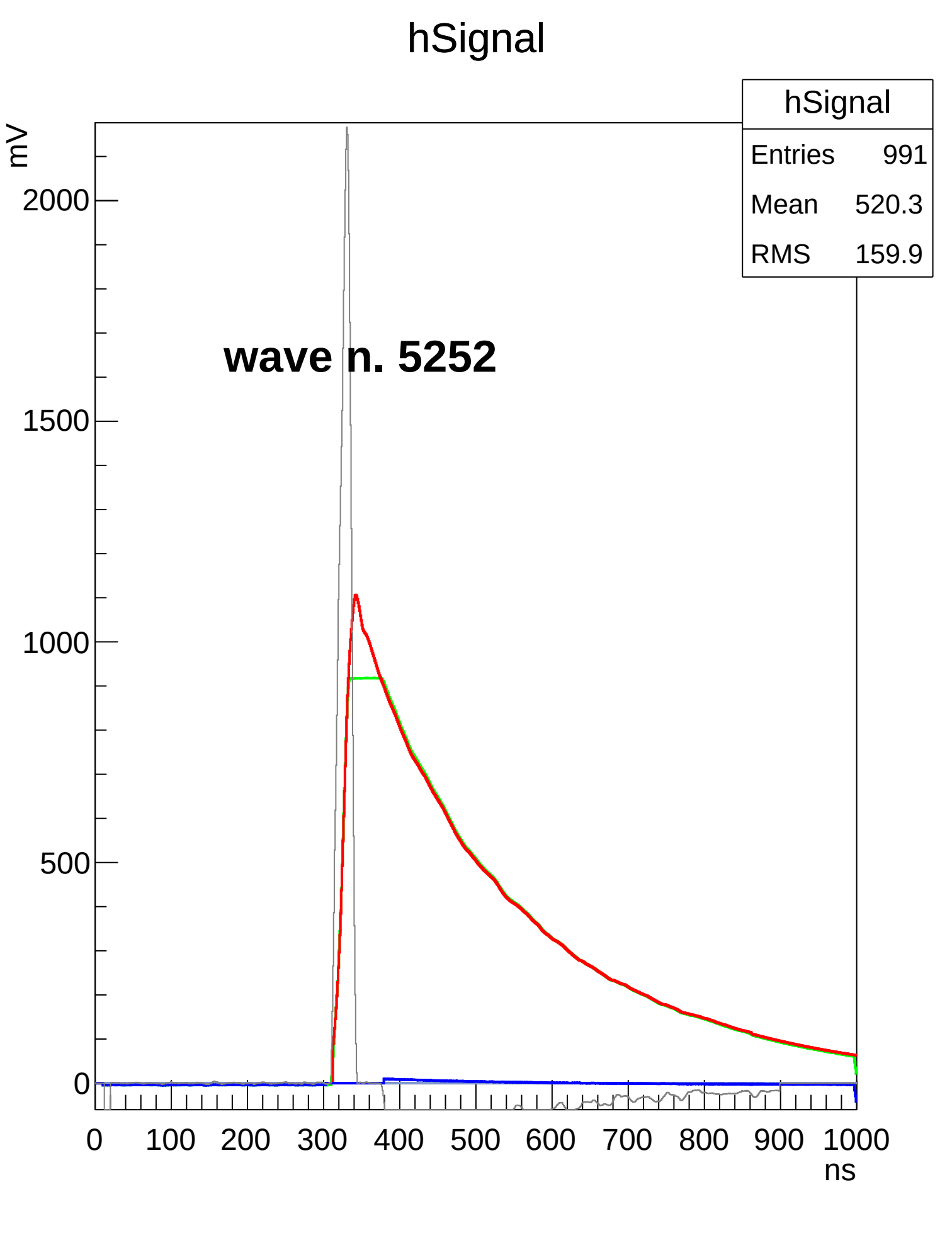

hSignal
hSignal
Entries 991
Mean 572.1
RMS 168.1
wave n. 5247
mV
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

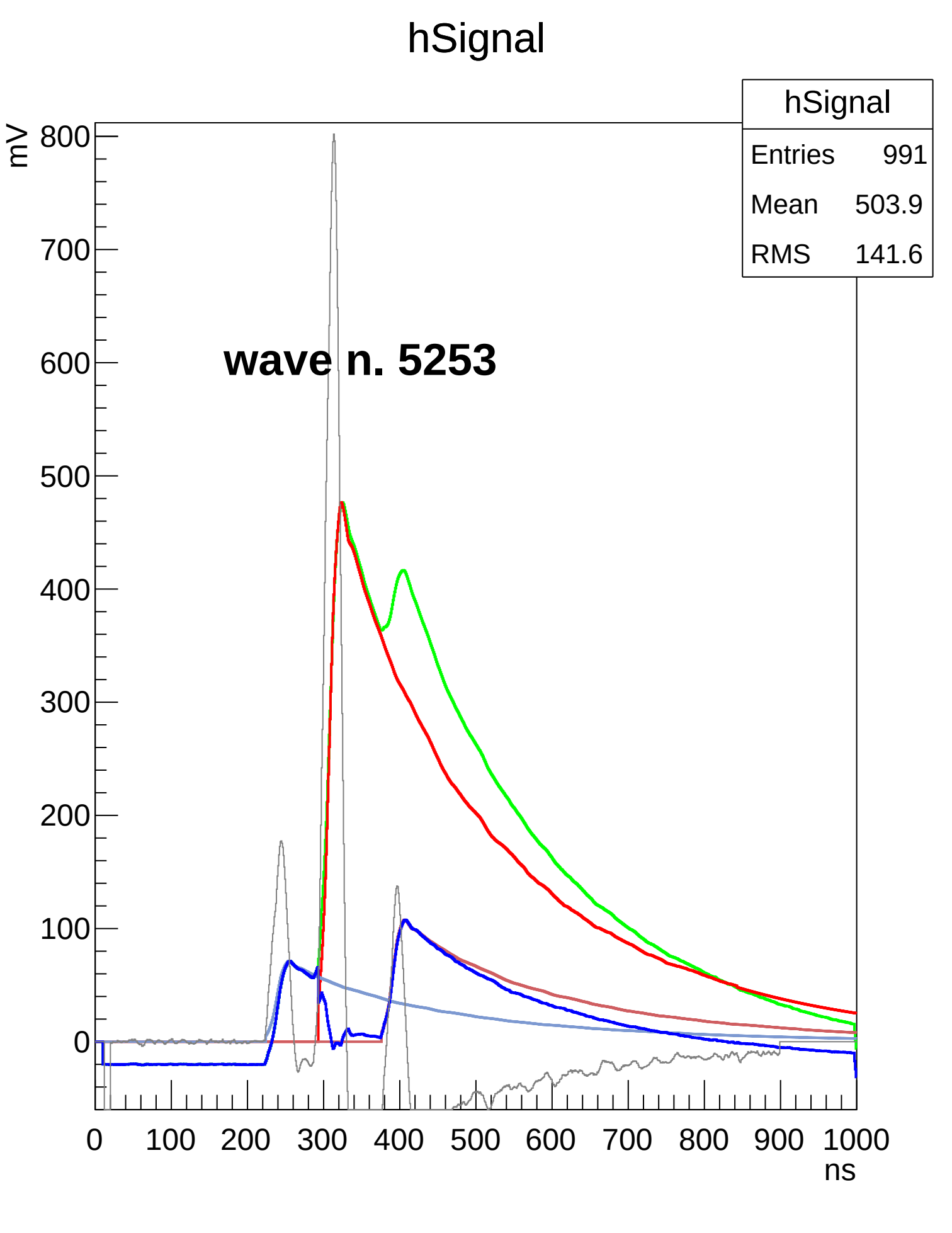

hSignal
hSignal
Entries 991
Mean 516.4
RMS 160.7
wave n. 5248
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

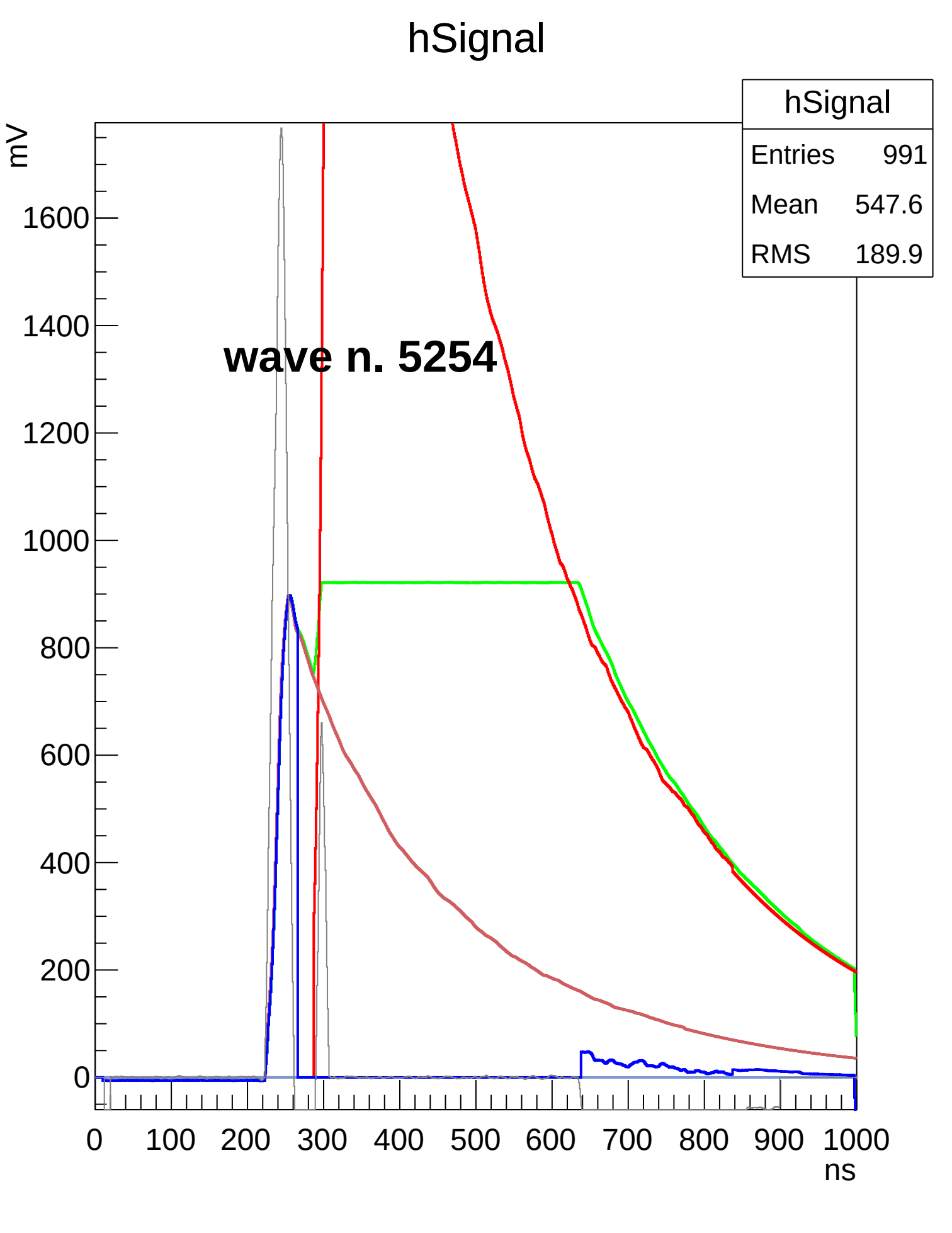

hSignal
hSignal
Entries 991
Mean 599.2
RMS 173.8
wave n. 5249
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

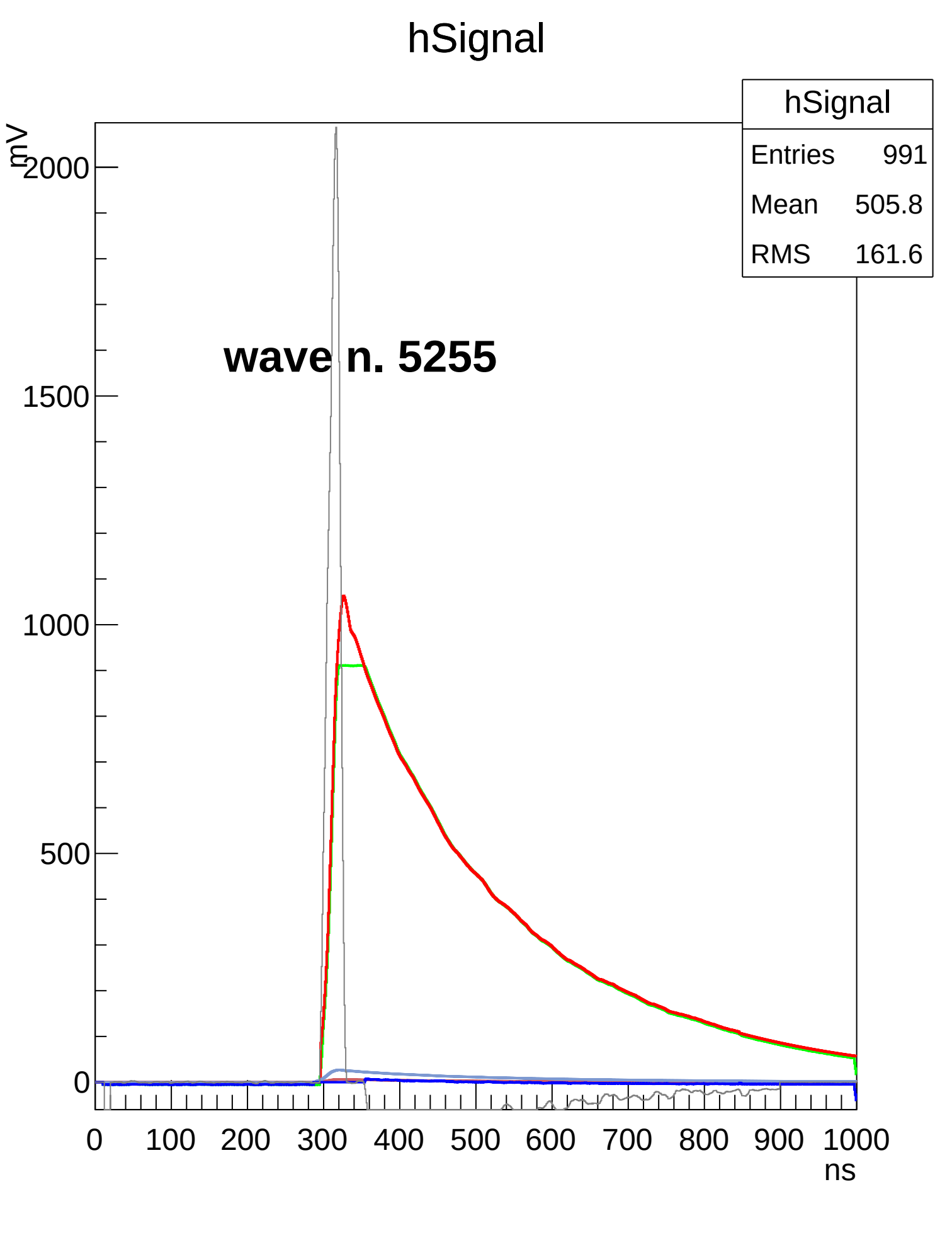

hSignal
hSignal
Entries 991
Mean 494
RMS 163.5
wave n. 5250
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

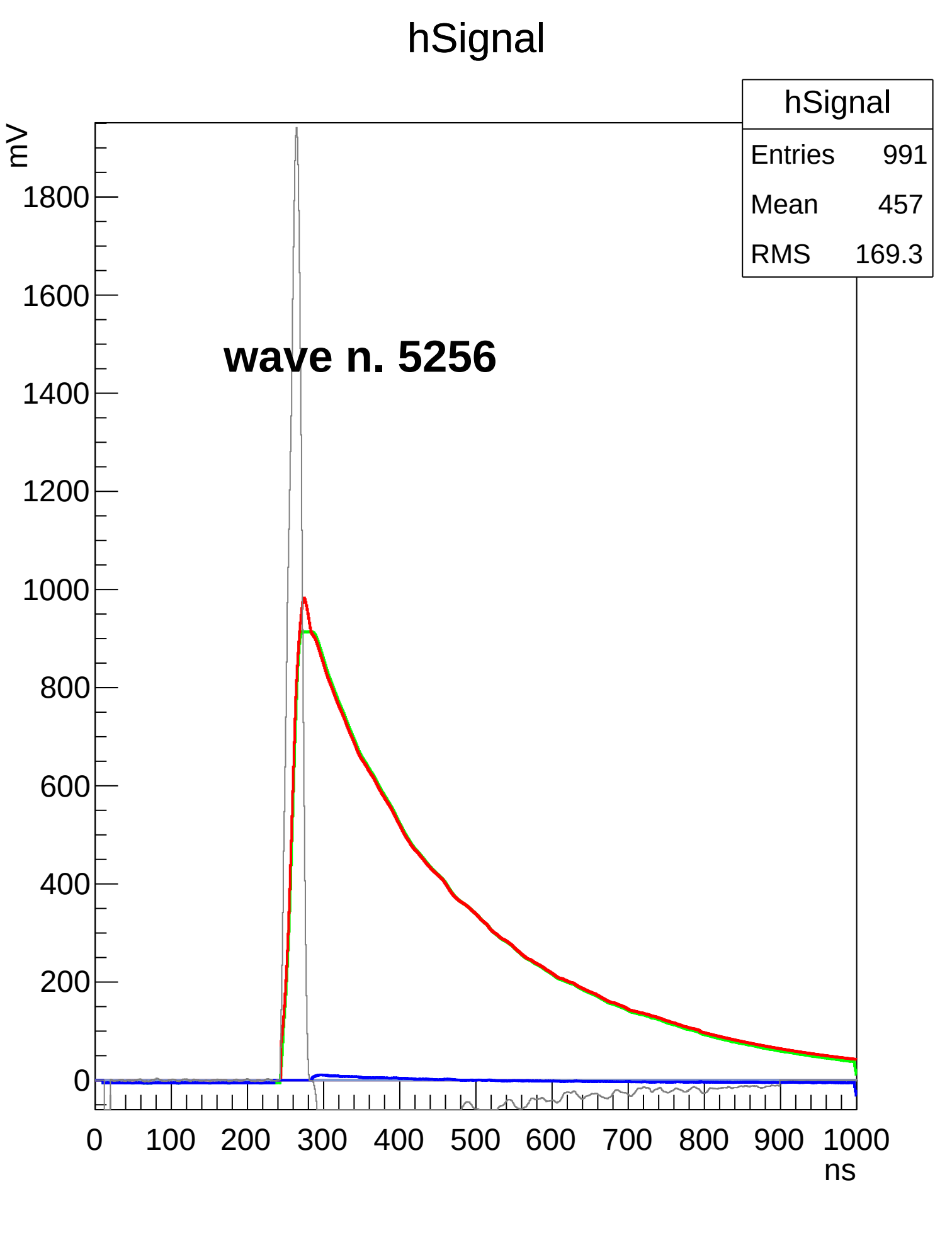

hSignal
hSignal
Entries 991
Mean 614.7
RMS 138.8
wave n. 5251
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

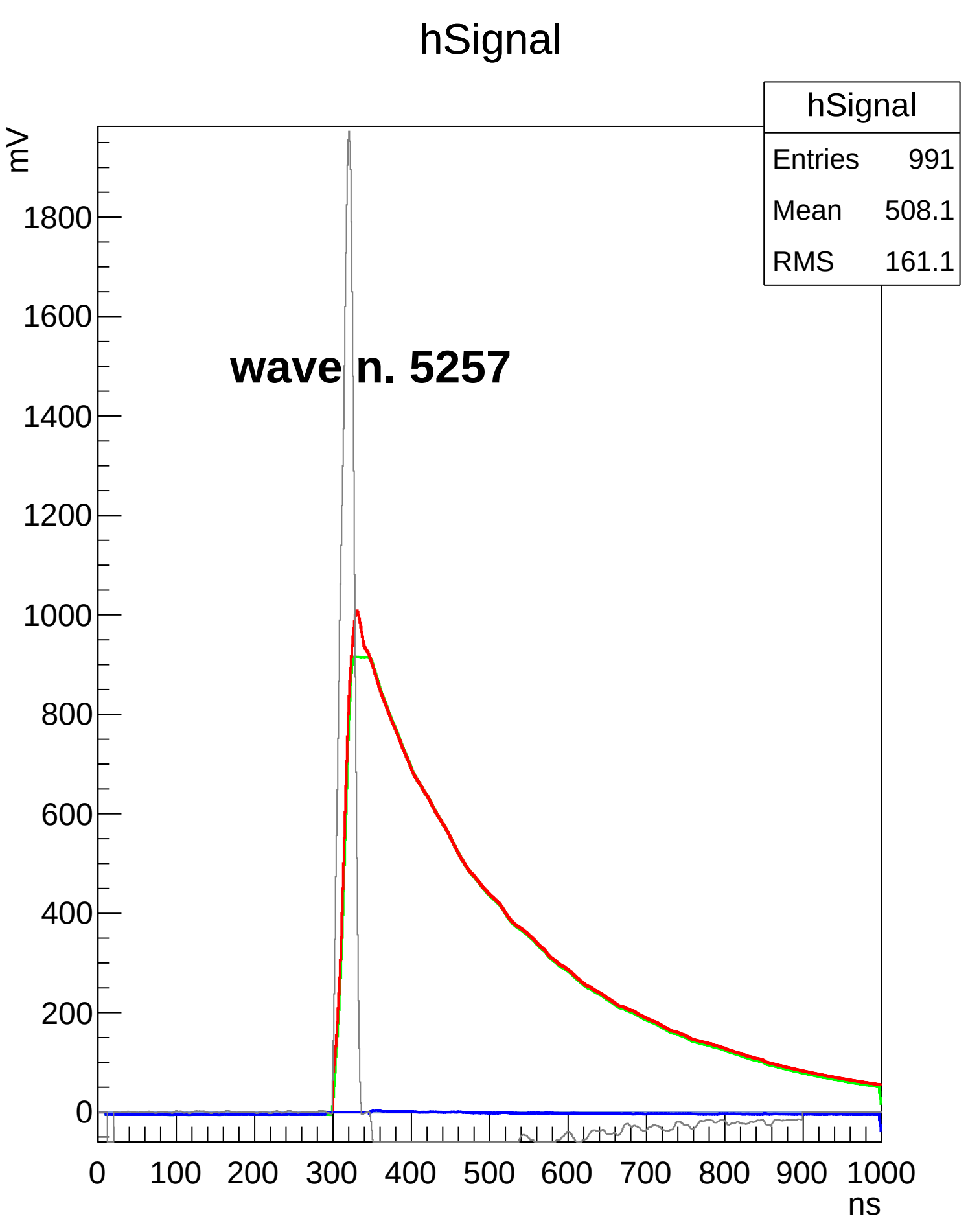

hSignal
hSignal
Entries 991
Mean 520.3
RMS 159.9
wave n. 5252
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

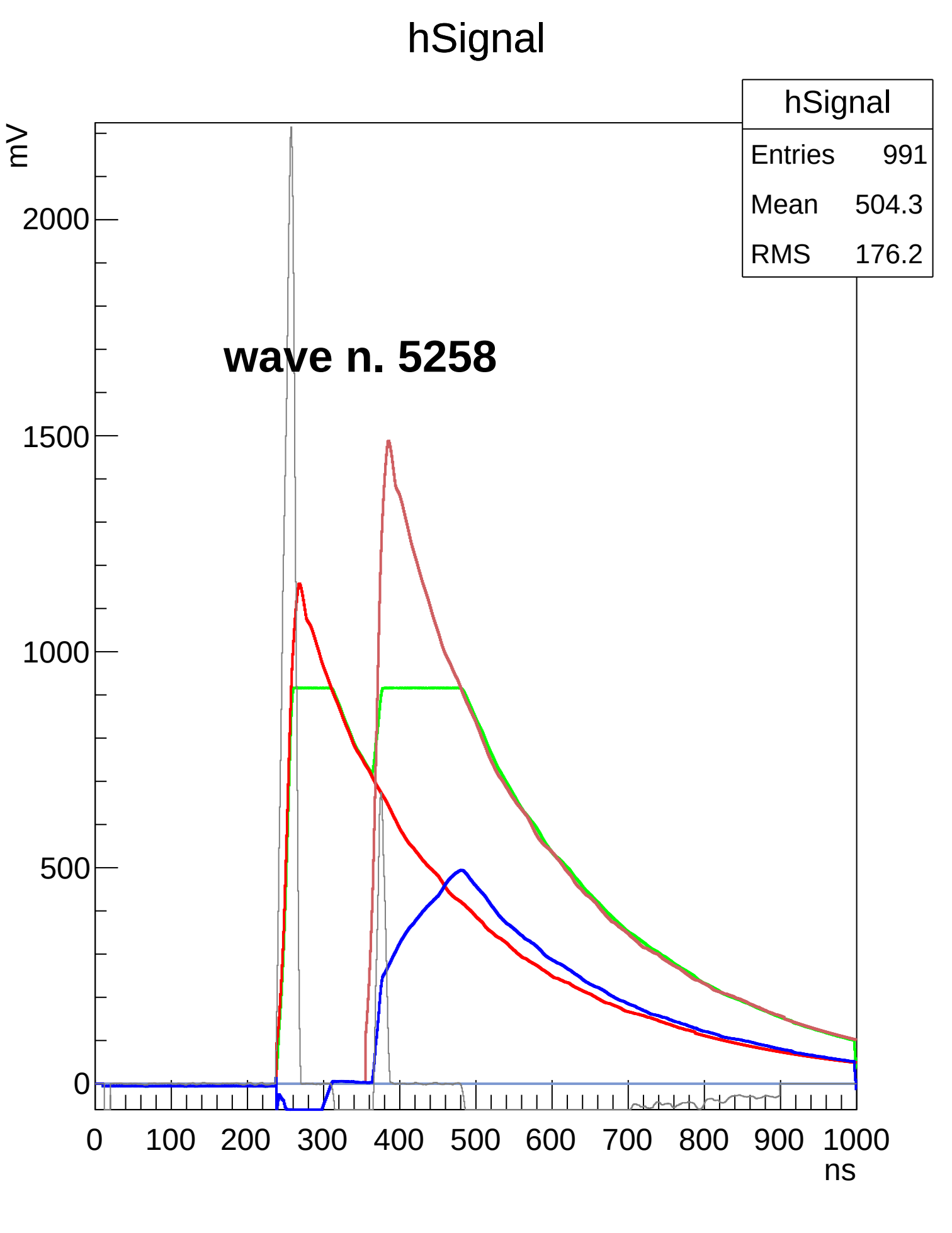

hSignal
hSignal
Entries 991
Mean 503.9
RMS 141.6
wave n. 5253
mV
800
700
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns

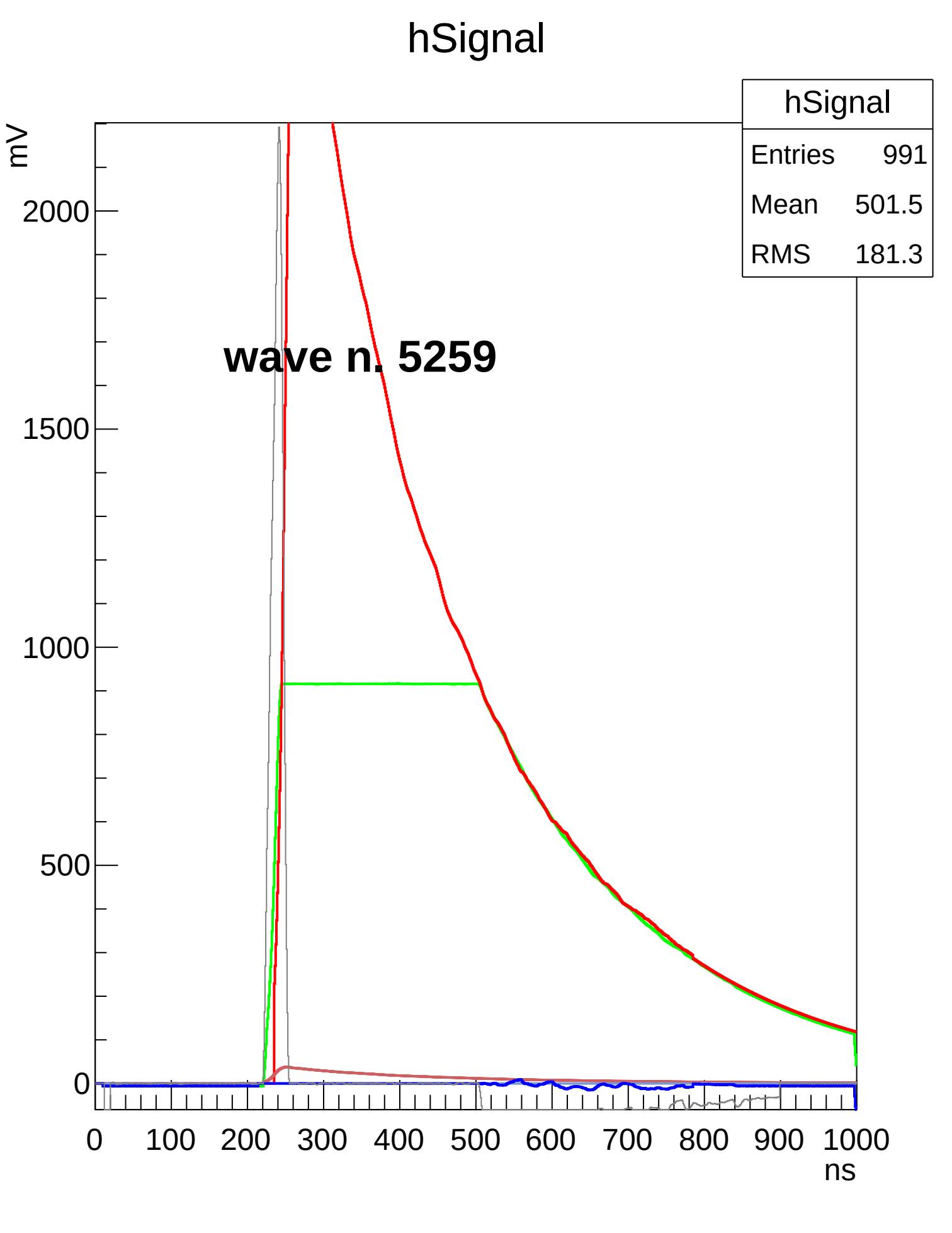

hSignal
hSignal
Entries 991
Mean 547.6
RMS 189.9
wave n. 5254
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

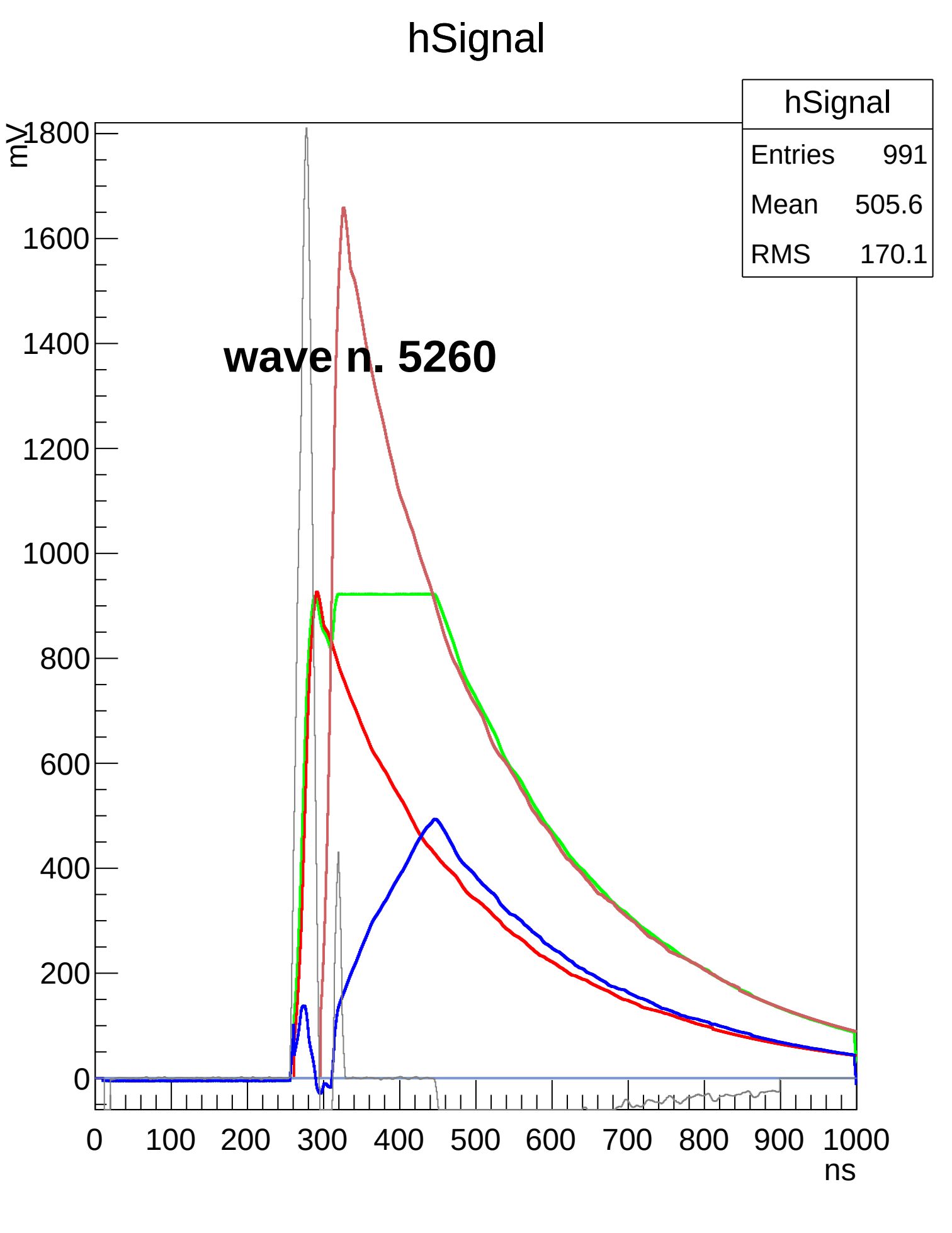

hSignal
hSignal
Entries 991
Mean 505.8
RMS 161.6
wave n. 5255
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

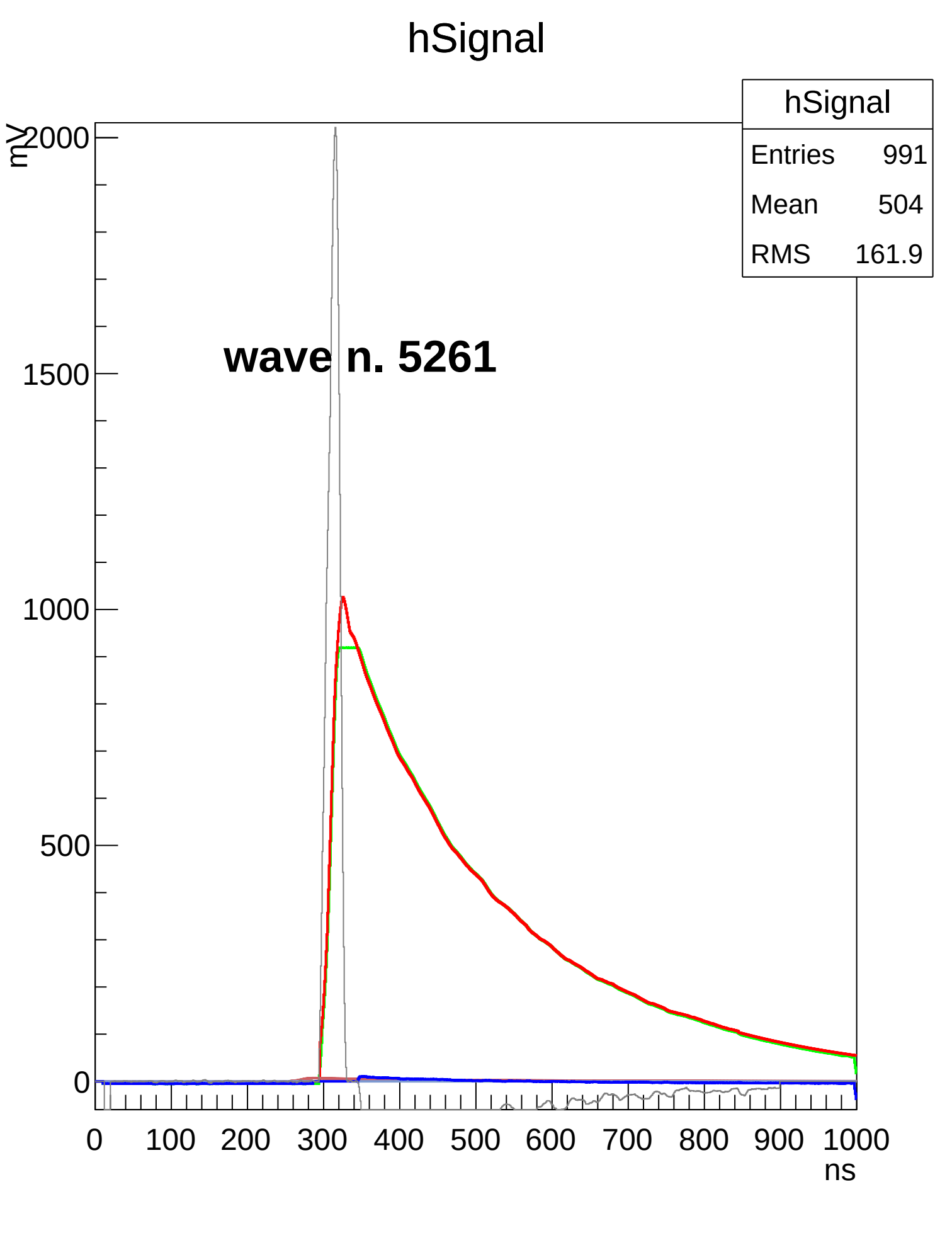

hSignal
hSignal
Entries 991
Mean 457
RMS 169.3
wave n. 5256
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

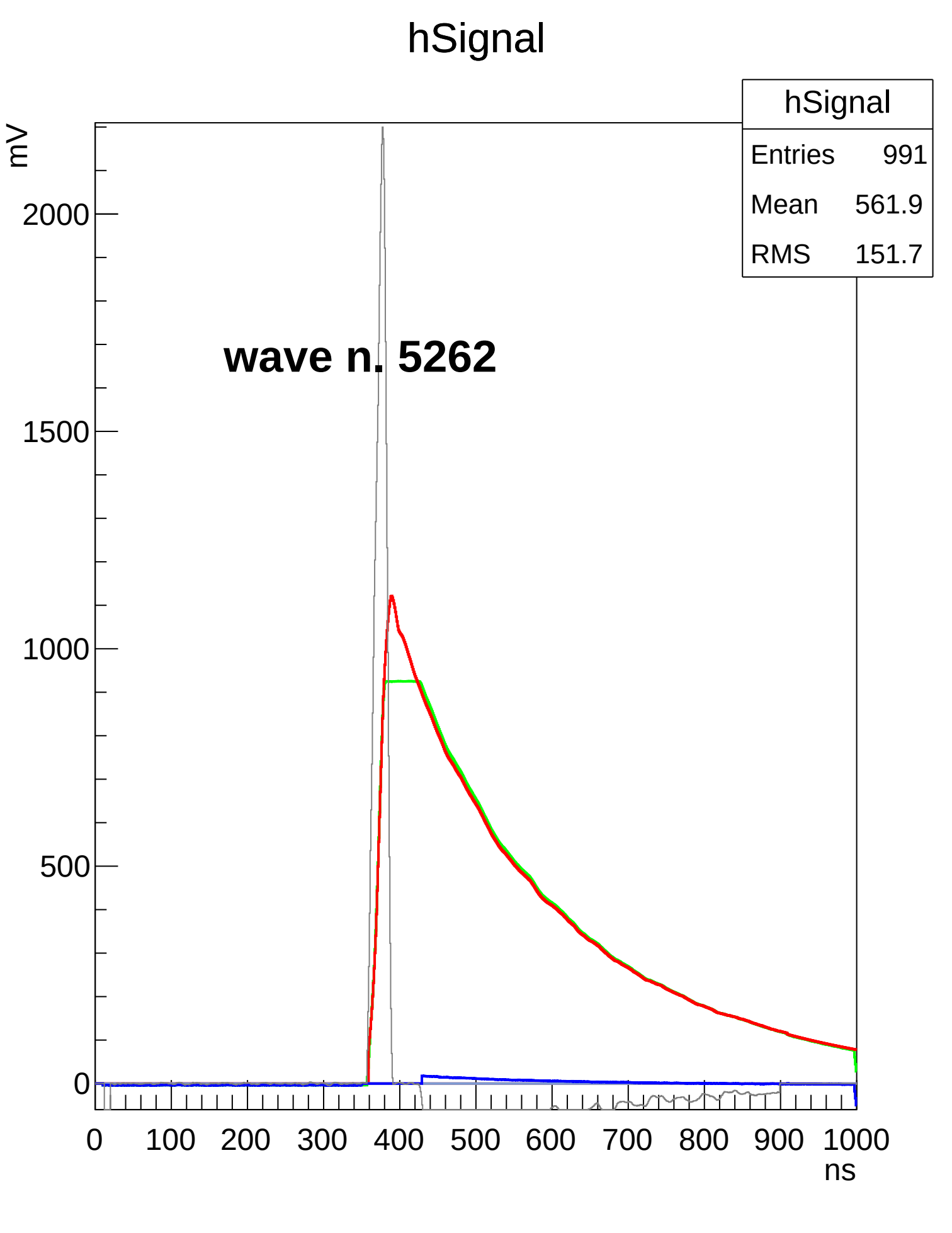

hSignal
hSignal
Entries 991
Mean 508.1
RMS 161.1
wave n. 5257
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

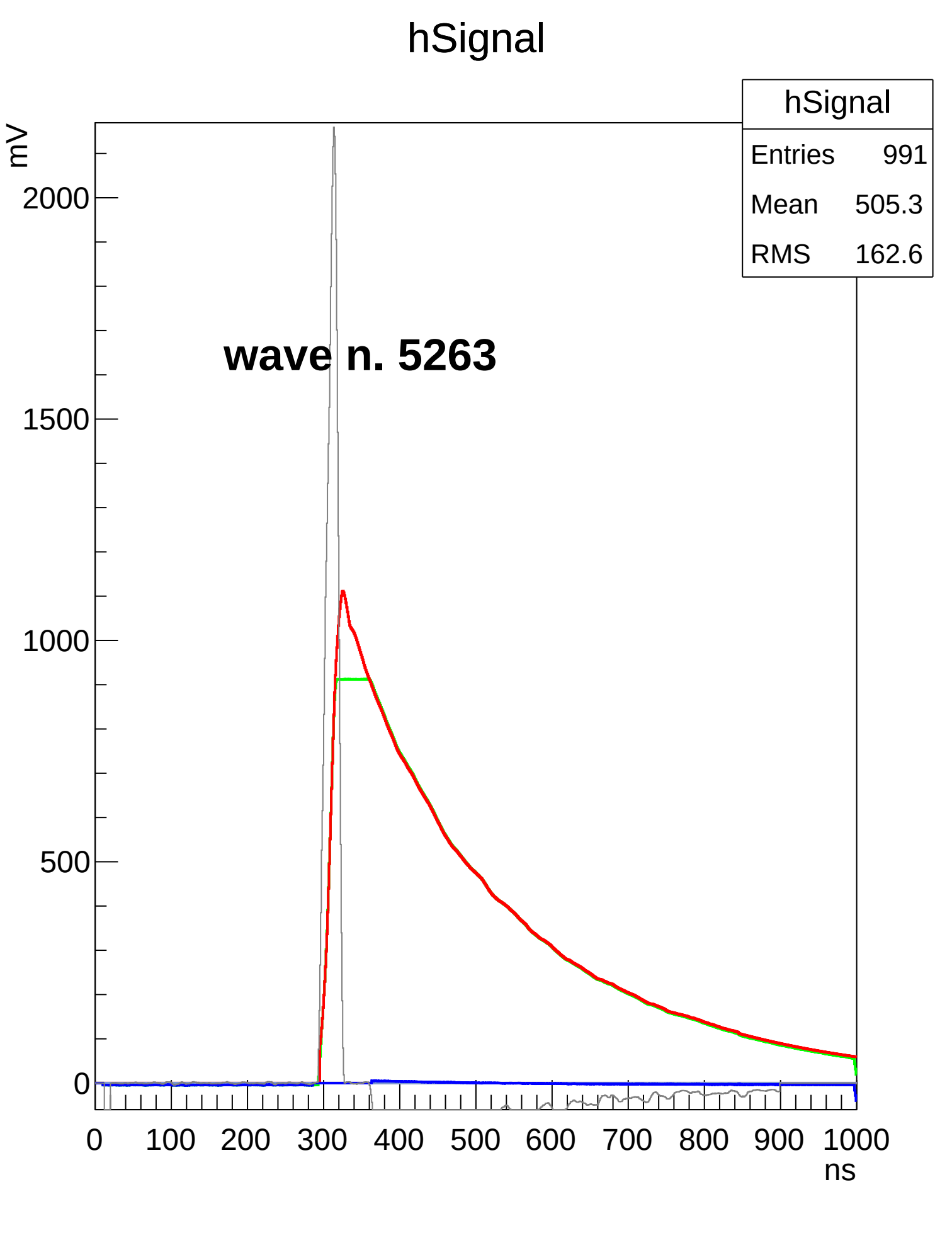

hSignal
hSignal
Entries 991
Mean 504.3
RMS 176.2
wave n. 5258
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 501.5
RMS 181.3
wave n. 5259
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.6
RMS 170.1
wave n. 5260
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504
RMS 161.9
wave n. 5261
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.9
RMS 151.7
wave n. 5262
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 505.3
RMS 162.6
wave n. 5263
mV
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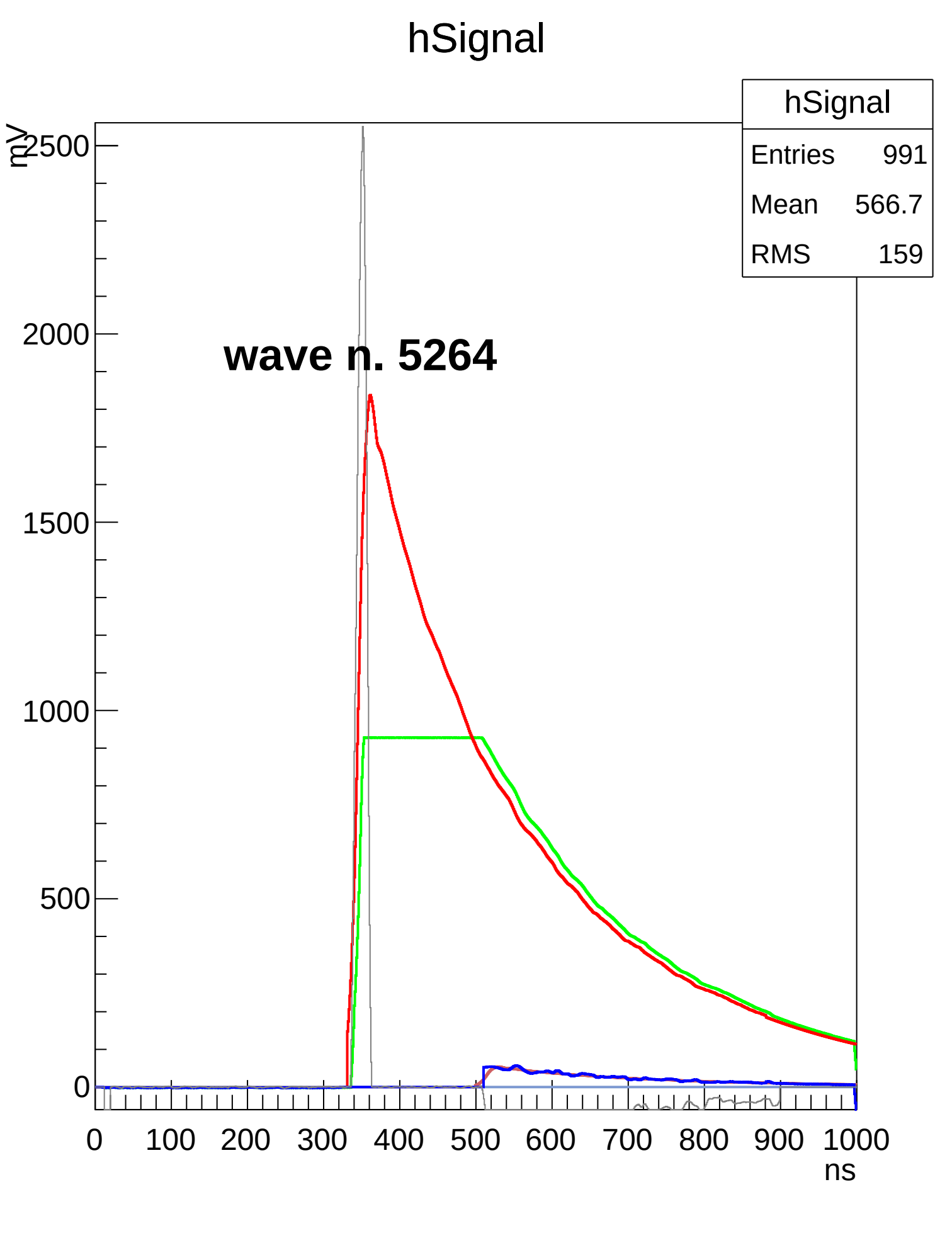
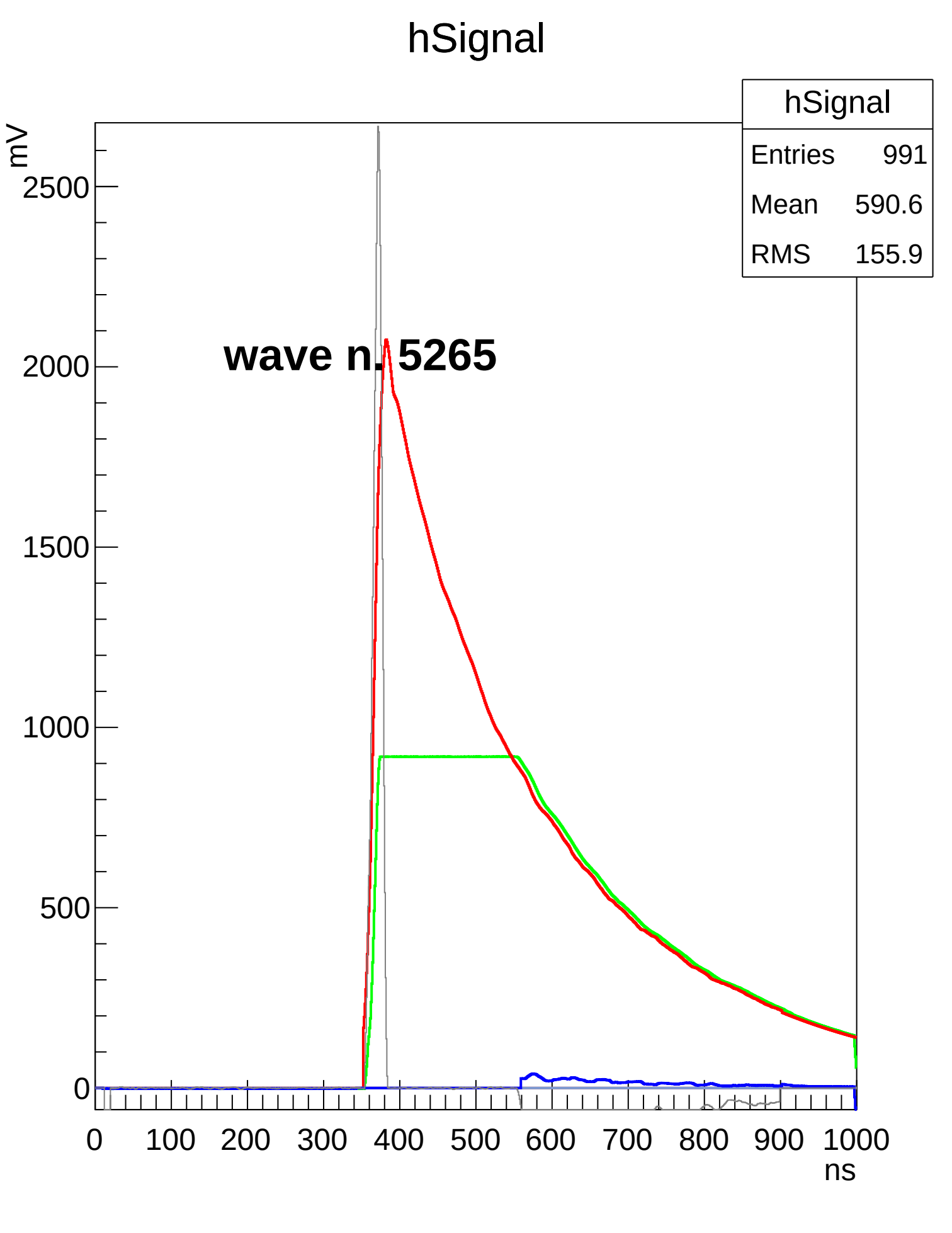
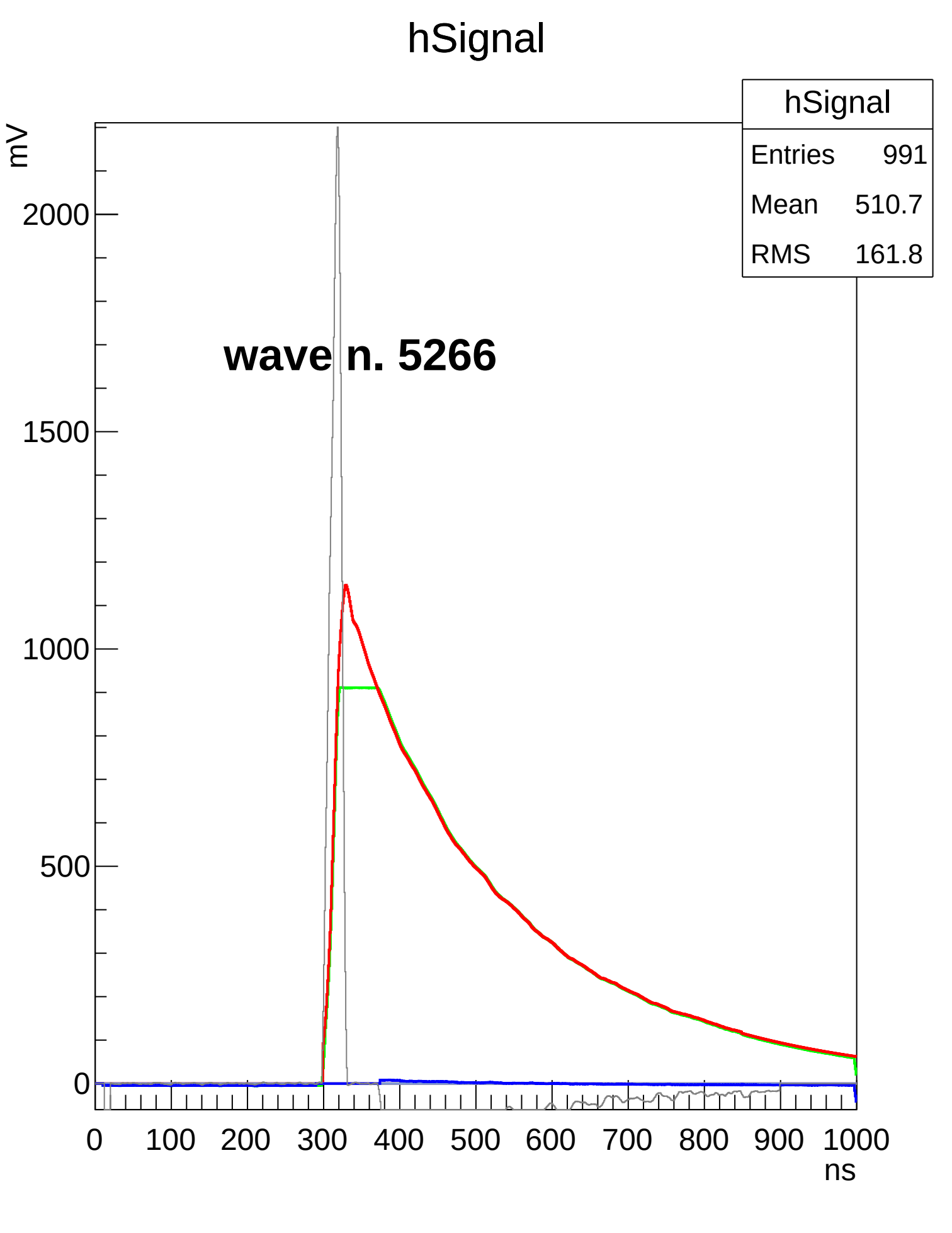
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 566.7
RMS 159
wave n. 5264
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 590.6
RMS 155.9
wave n. 5265
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 510.7
RMS 161.8
wave n. 5266
mV
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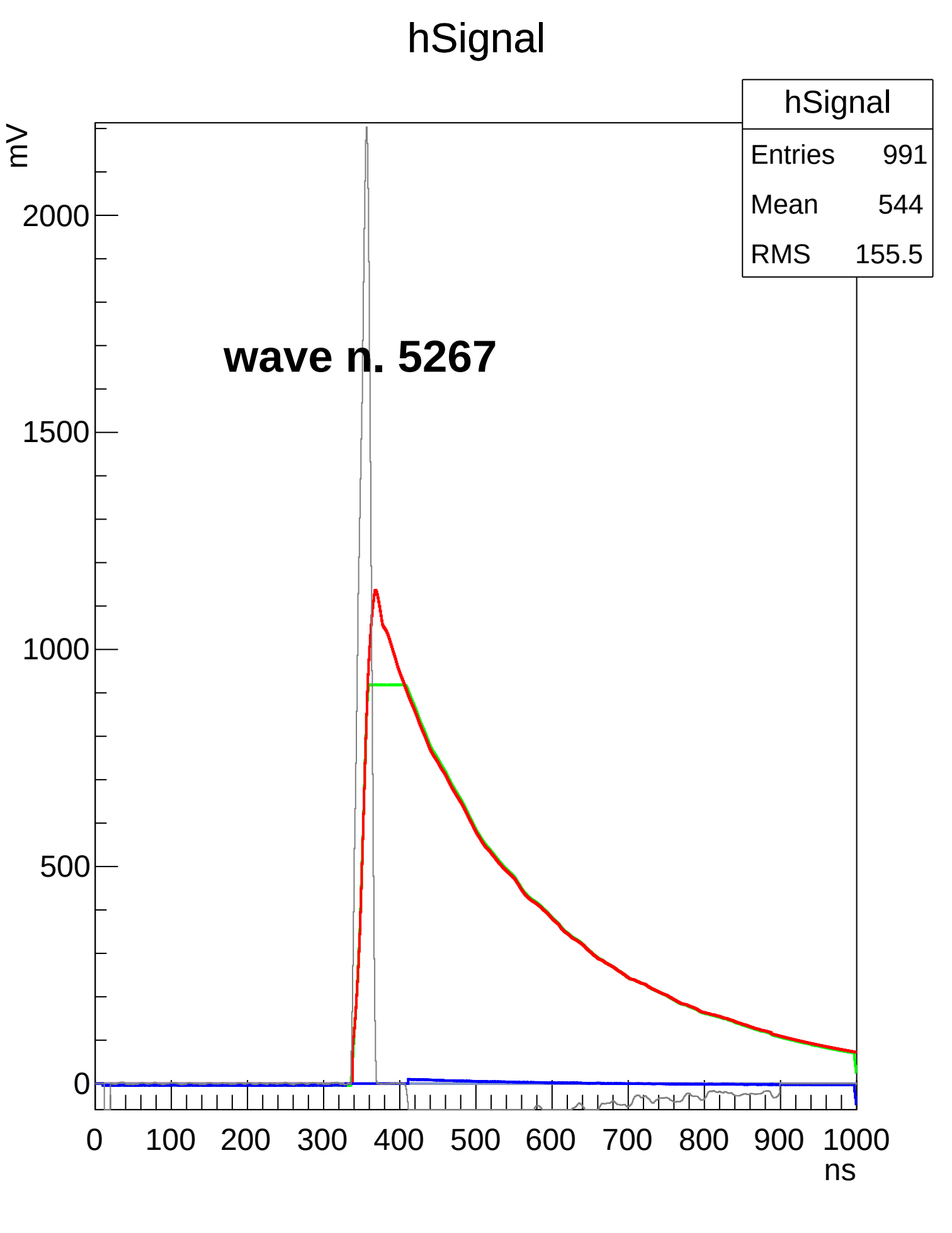
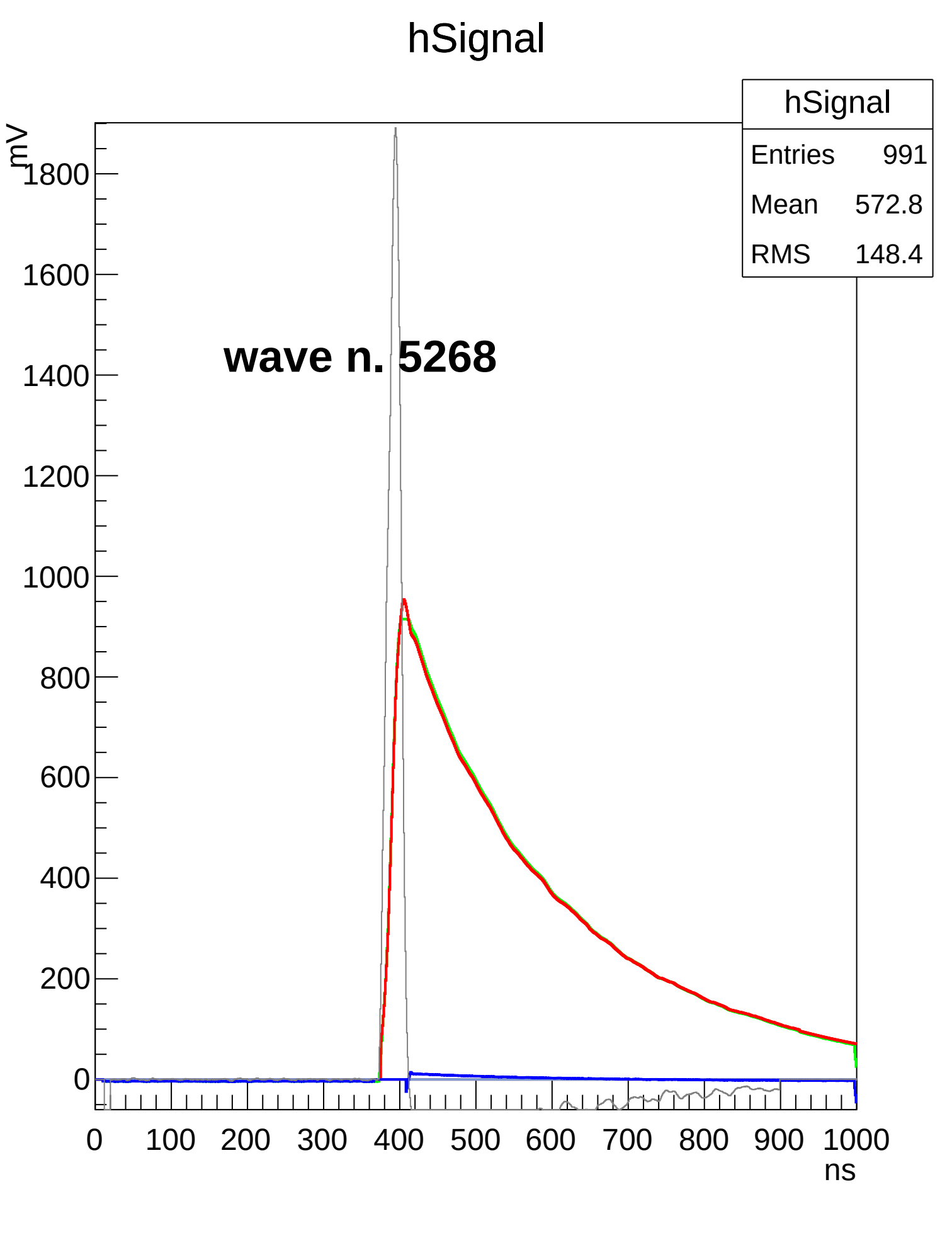
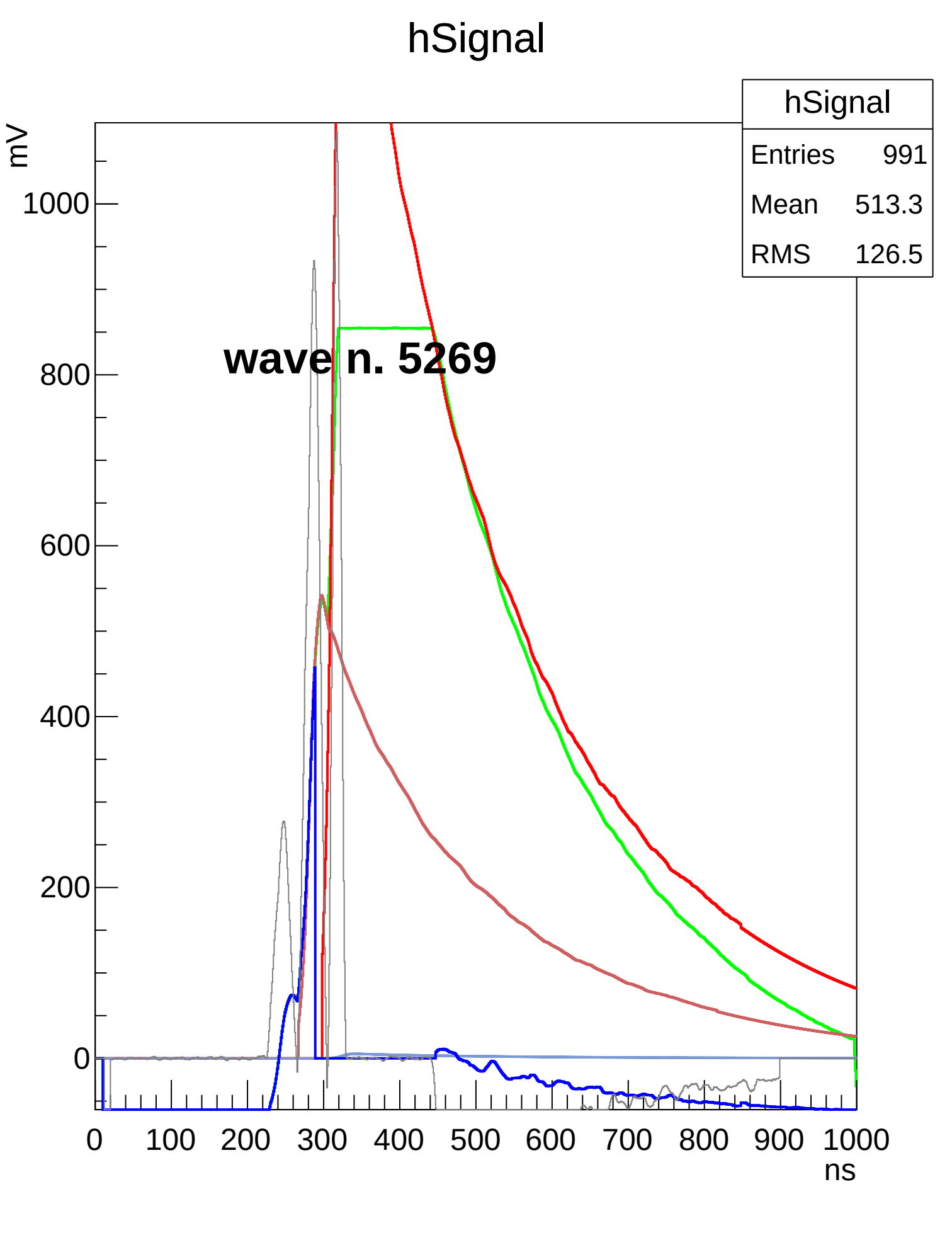
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 544
RMS 155.5
wave n. 5267
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 572.8
RMS 148.4
wave n. 5268
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513.3
RMS 126.5
wave n. 5269
mV
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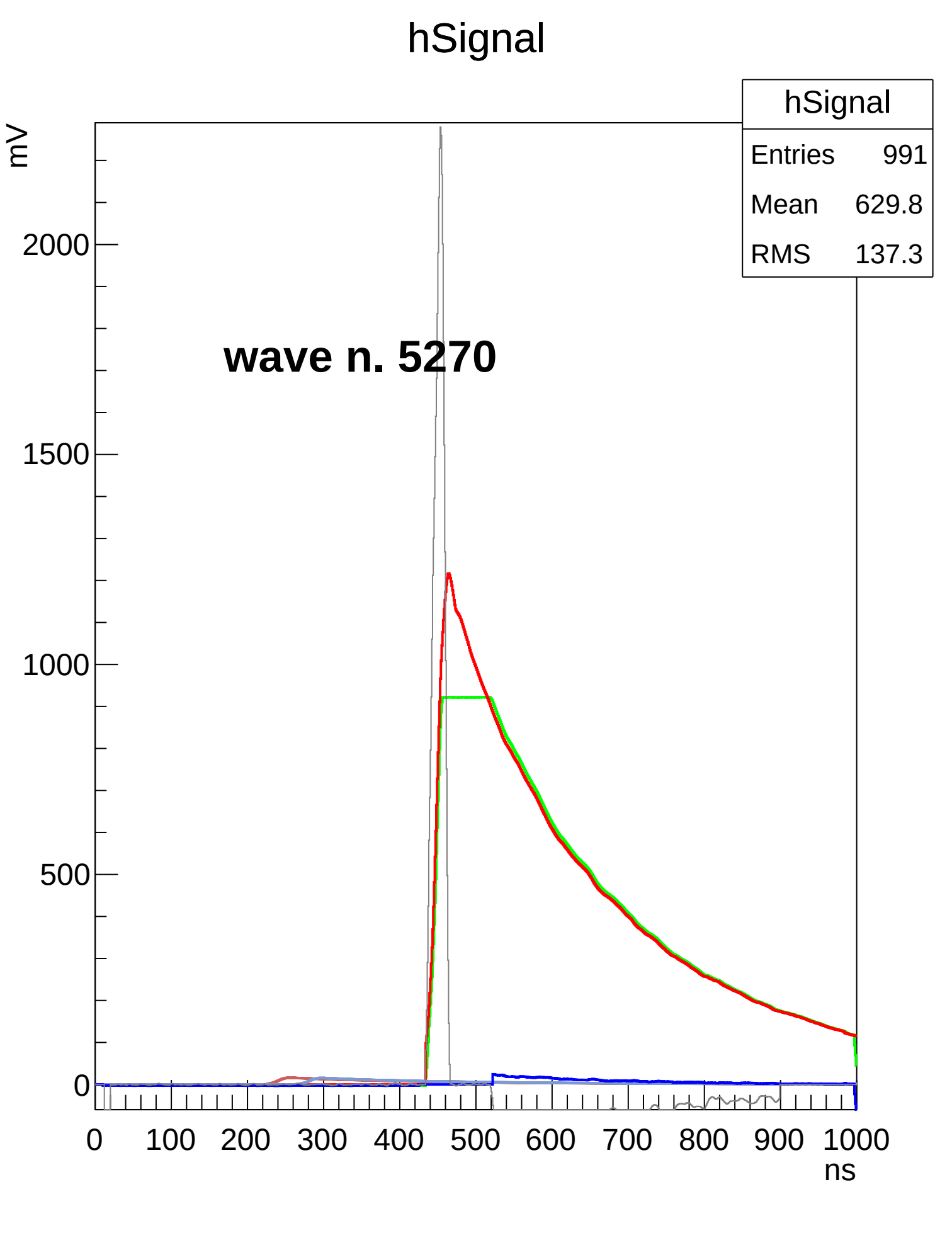
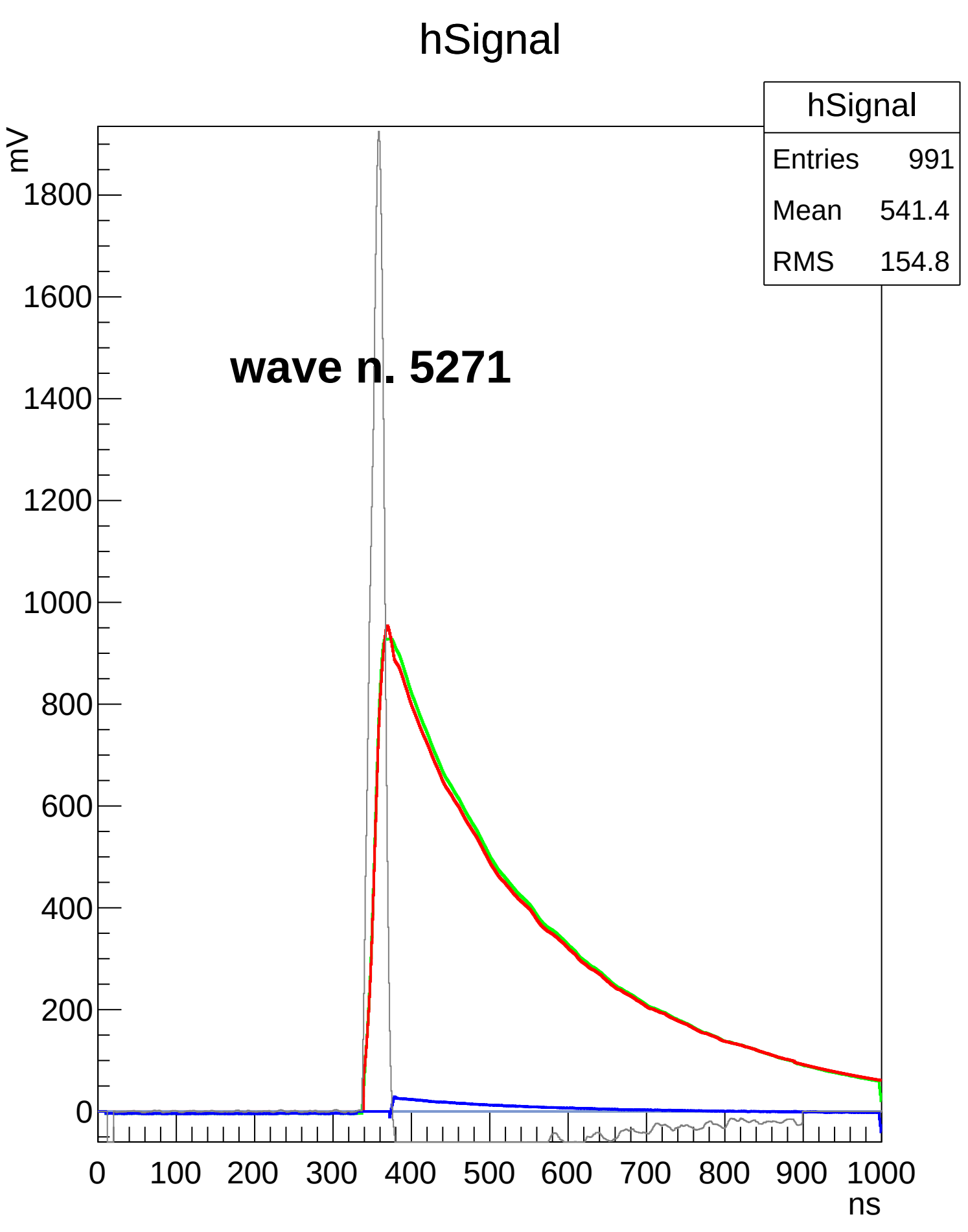
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 629.8
RMS 137.3
wave n. 5270
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 541.4
RMS 154.8
wave n. 5271
mV
1800
1600
1400
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1000
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600
400
200
0
0
100
200
300
400
500
600
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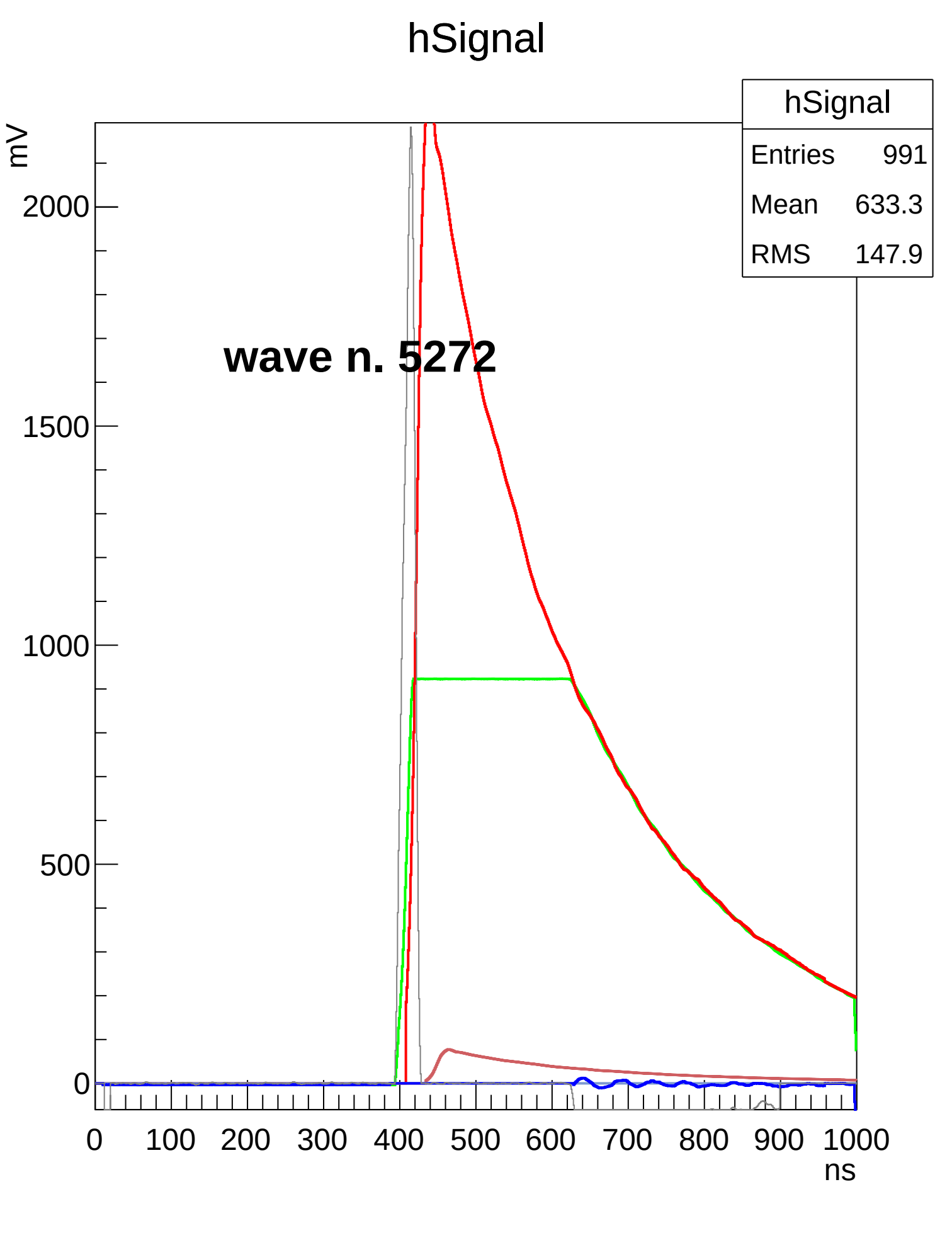
900
1000
ns


hSignal
hSignal
Entries 991
Mean 633.3
RMS 147.9
wave n. 5272
mV
2000
1500
1000
500
0
0
100
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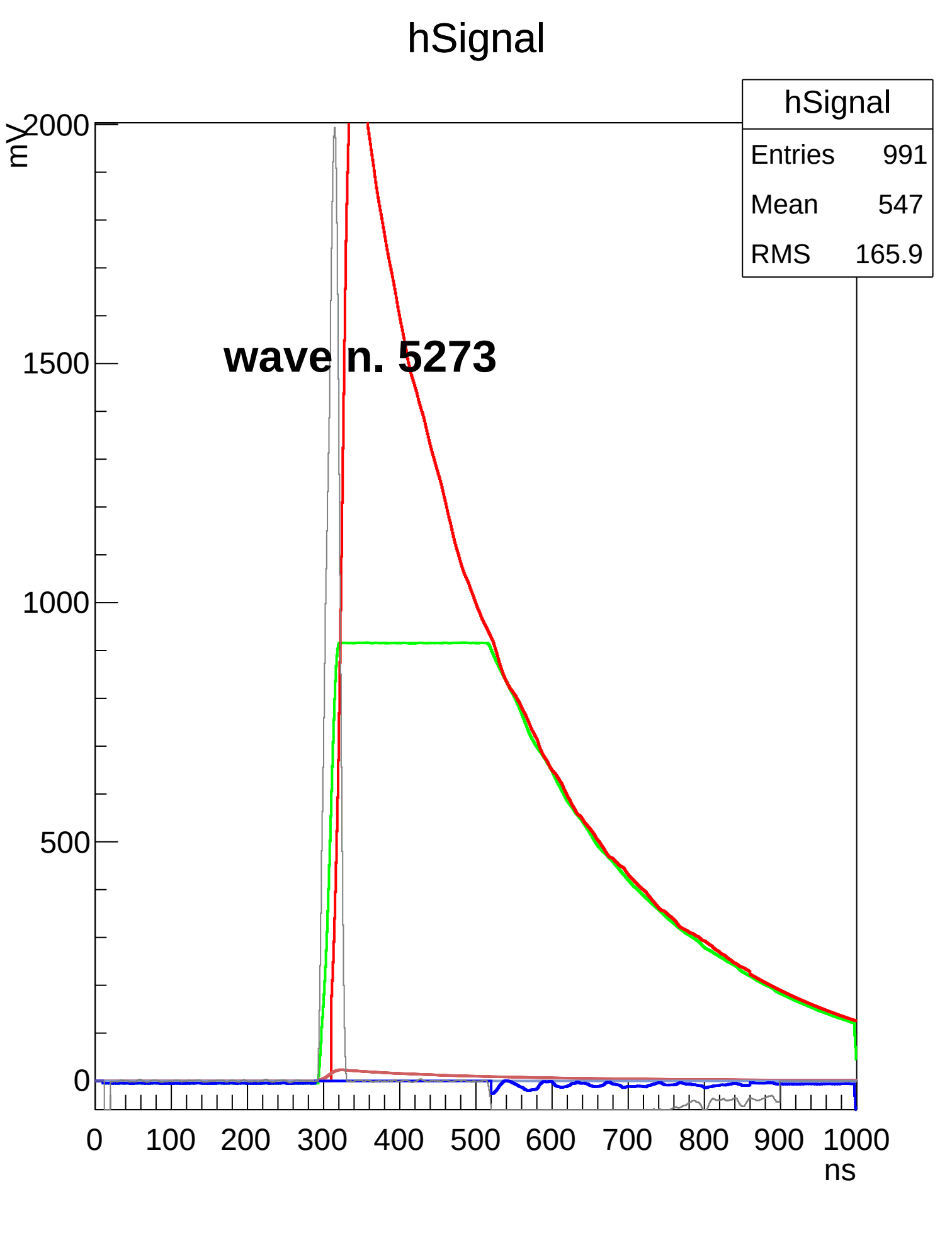
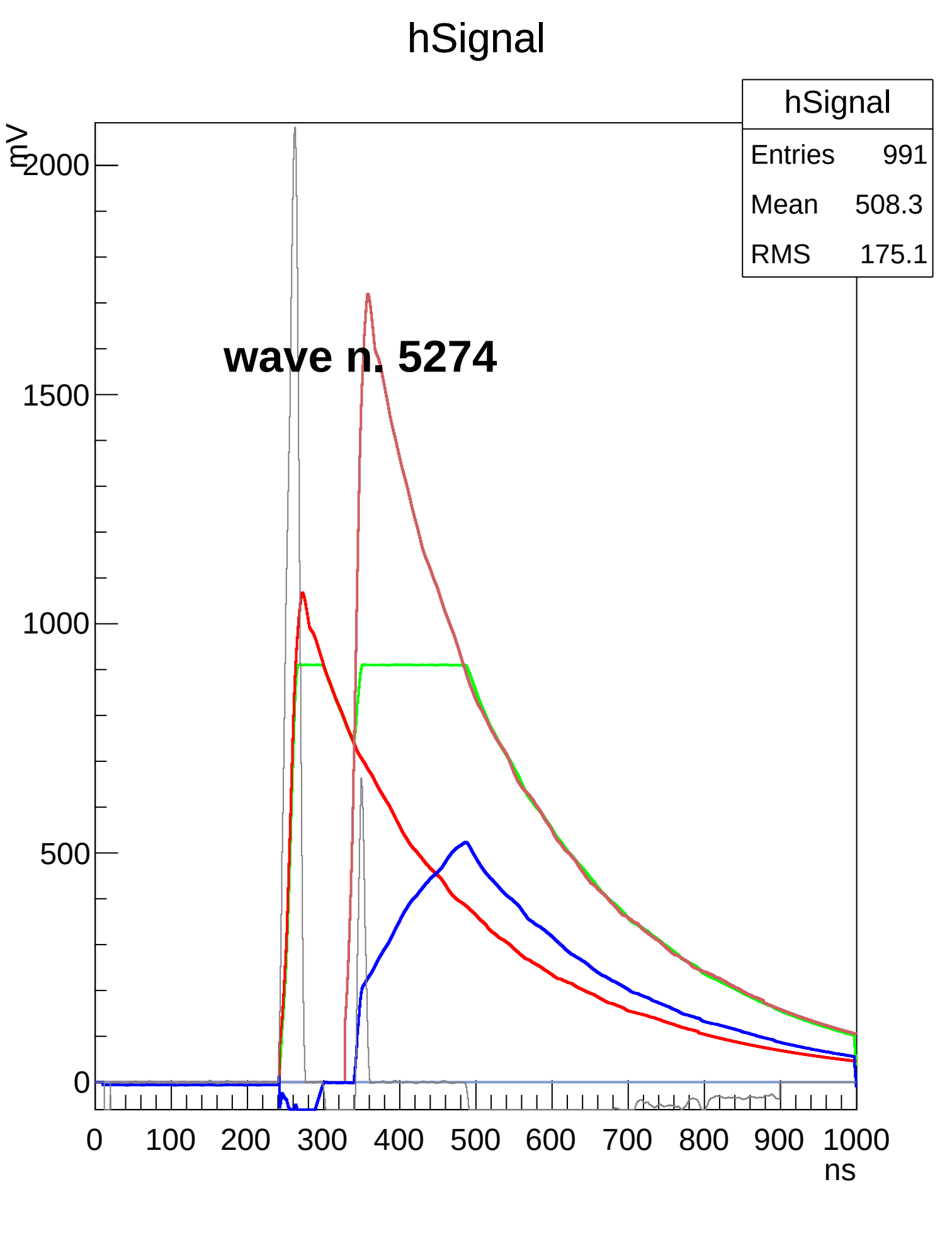
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547
RMS 165.9
wave n. 5273
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 508.3
RMS 175.1
wave n. 5274
mV
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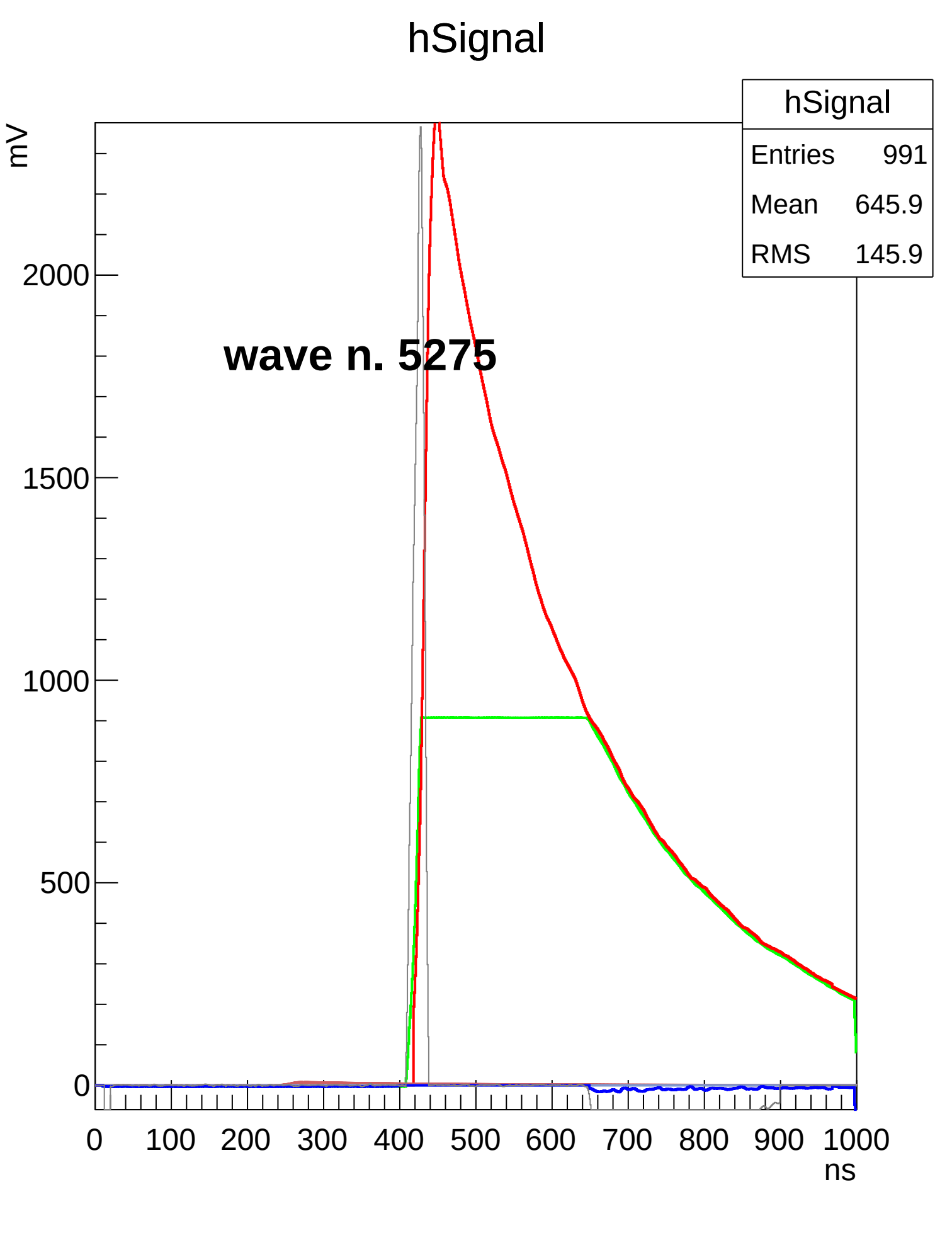
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 645.9
RMS 145.9
wave n. 5275
mV
2000
1500
1000
500
0
0
100
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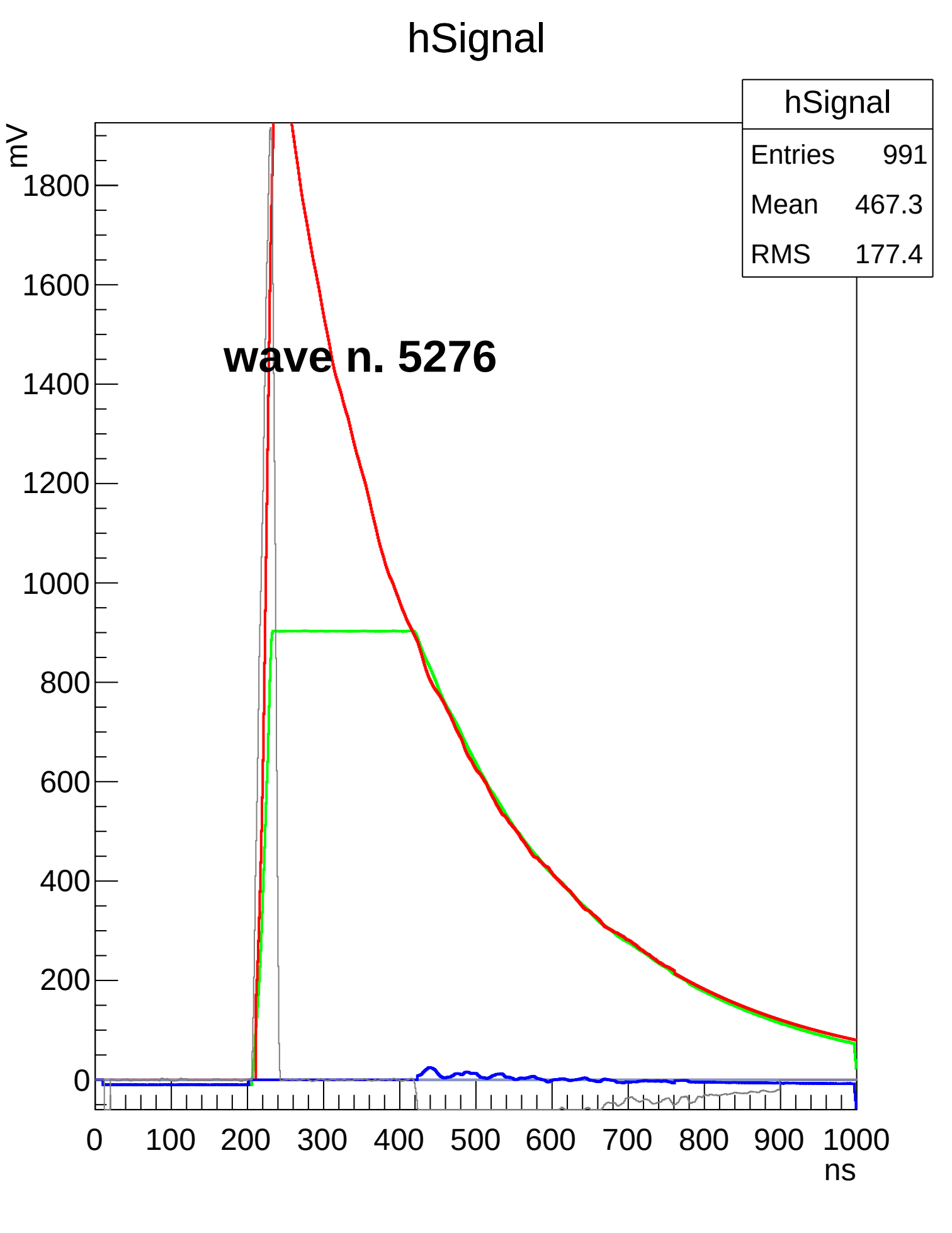
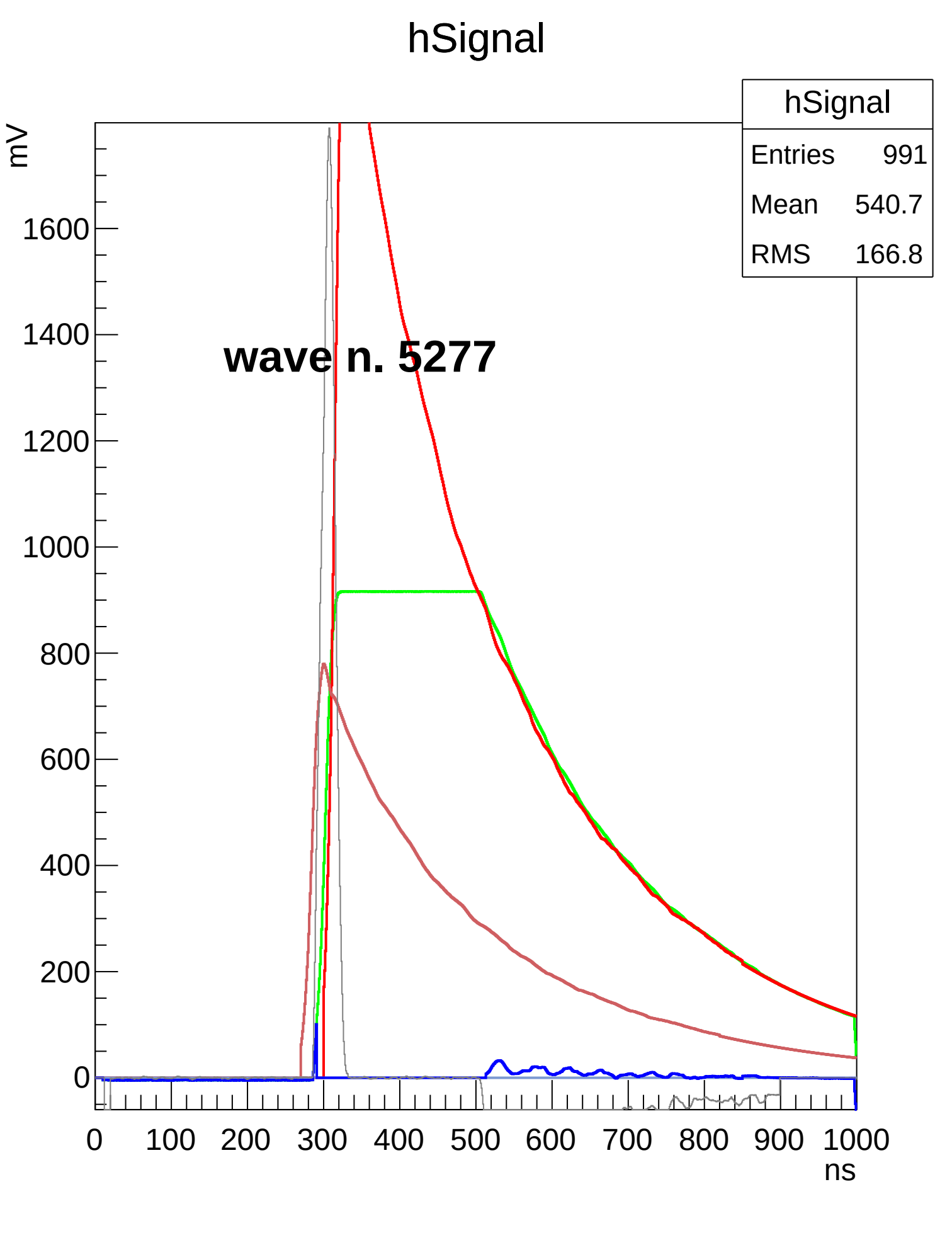
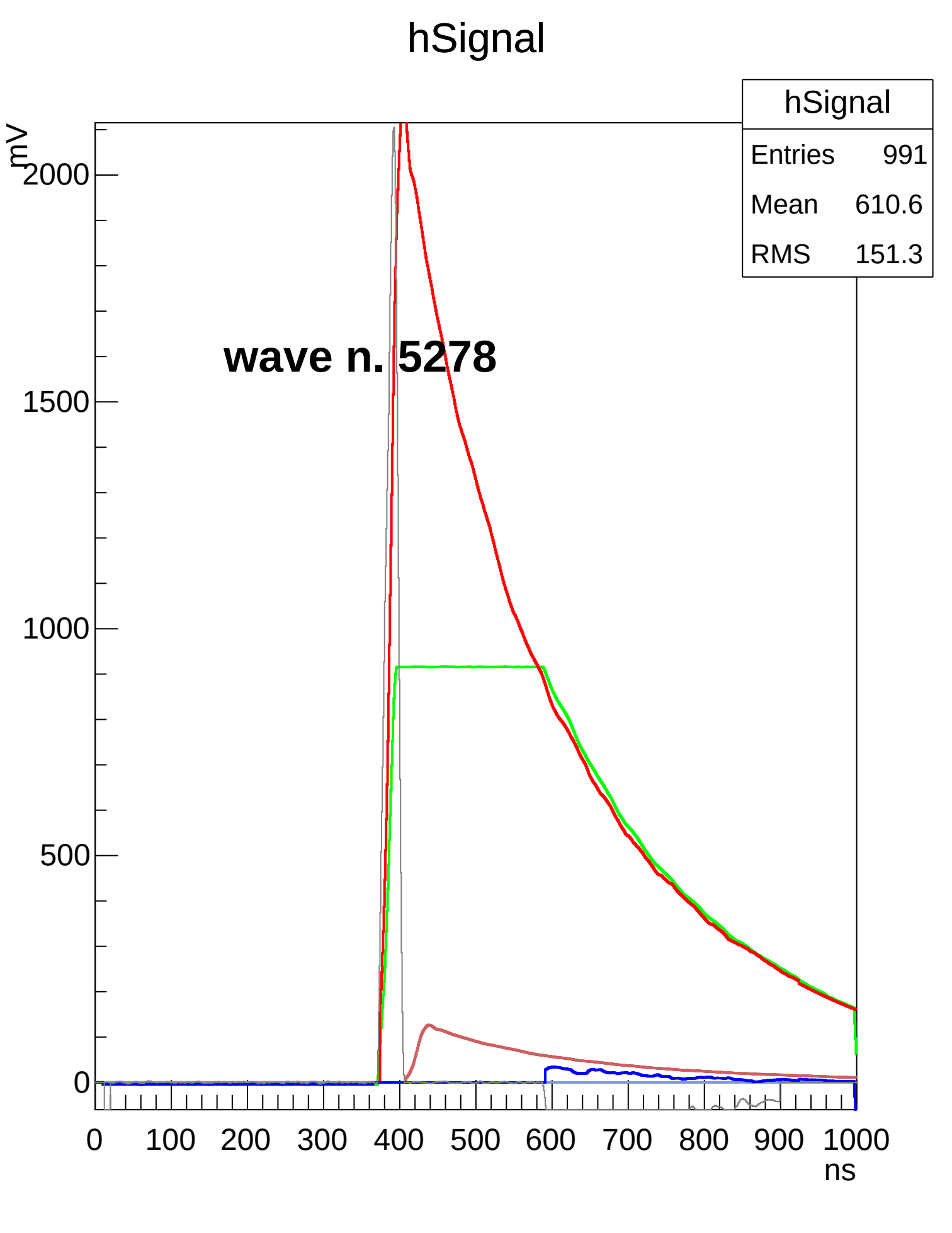
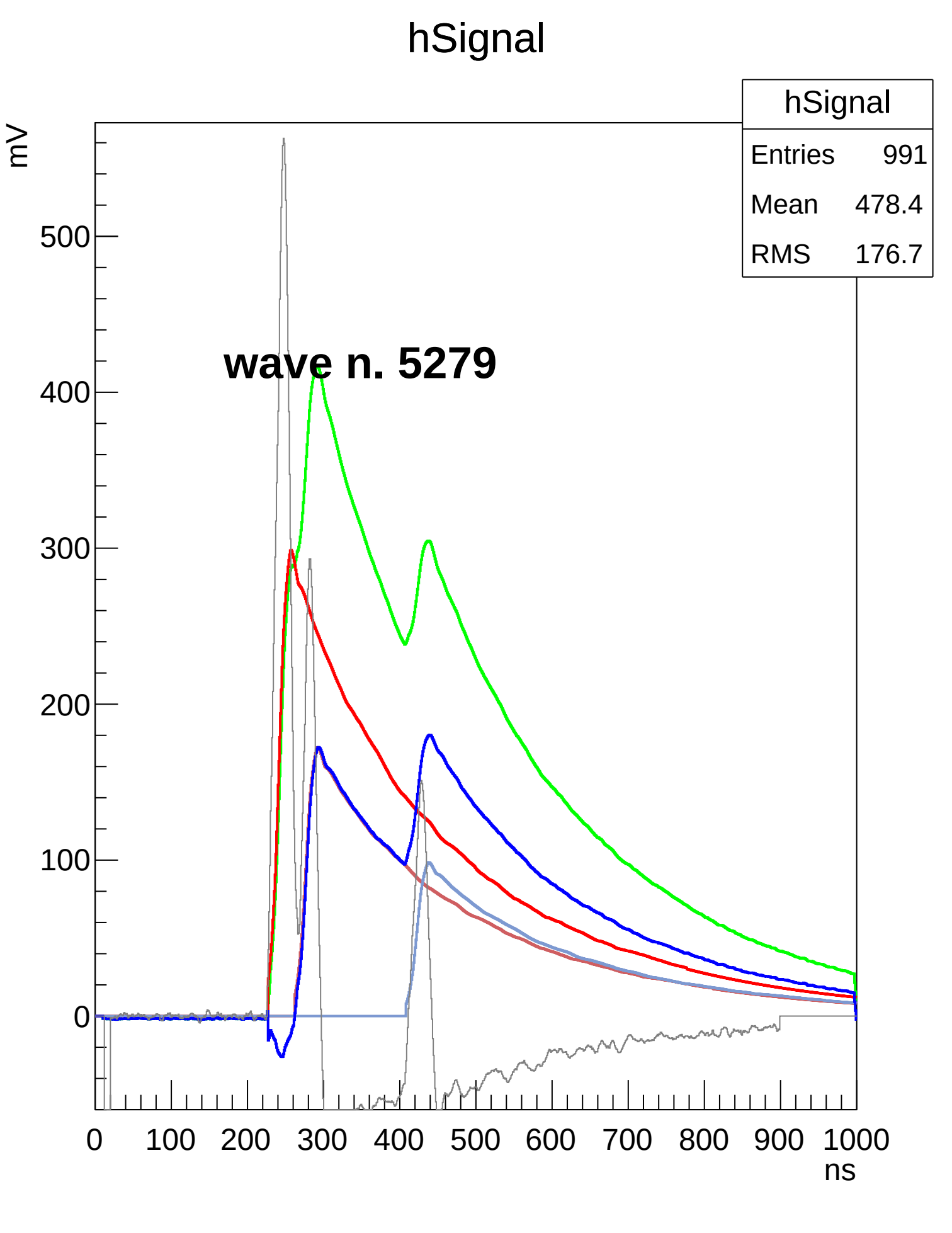
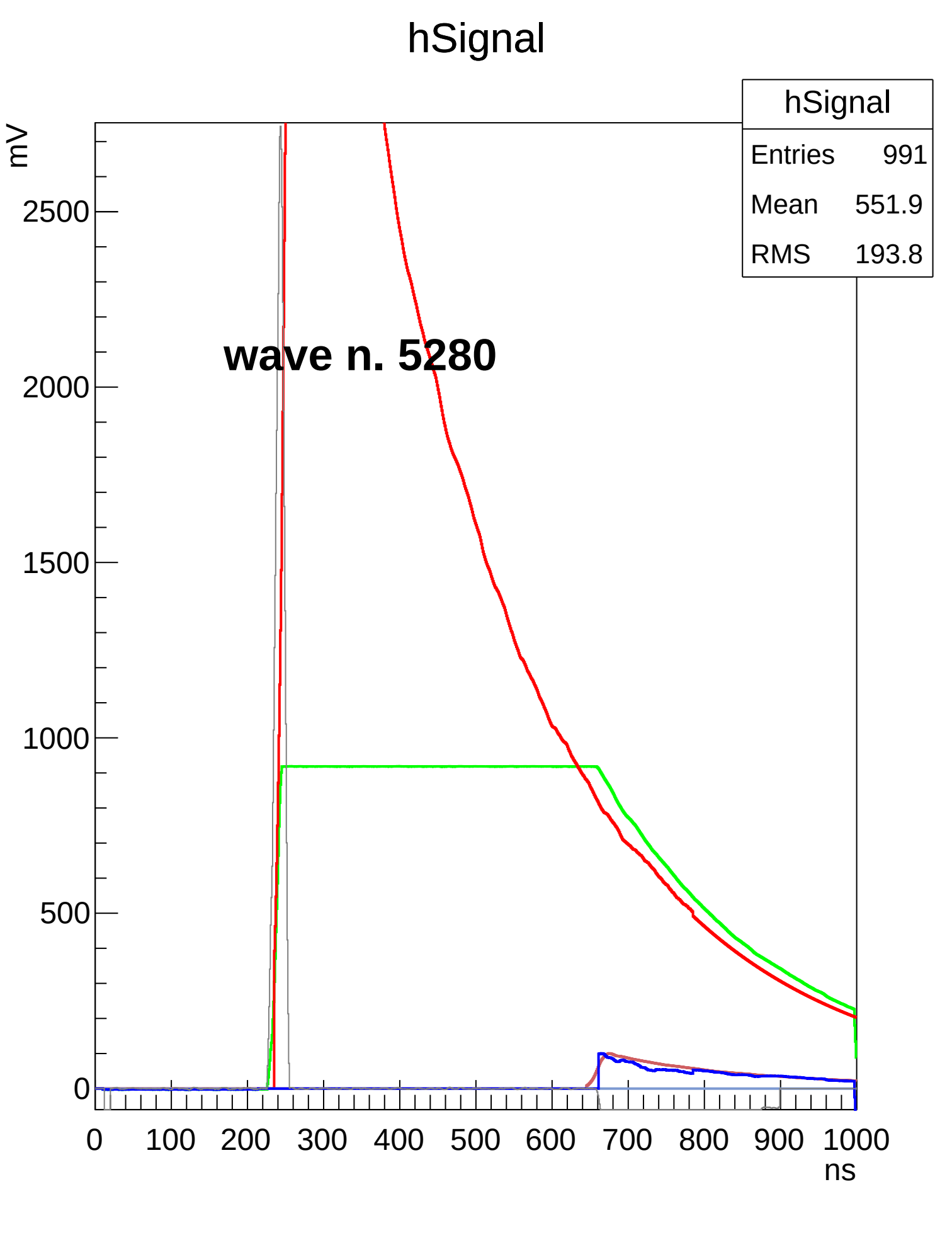
700
800
900
1000
ns

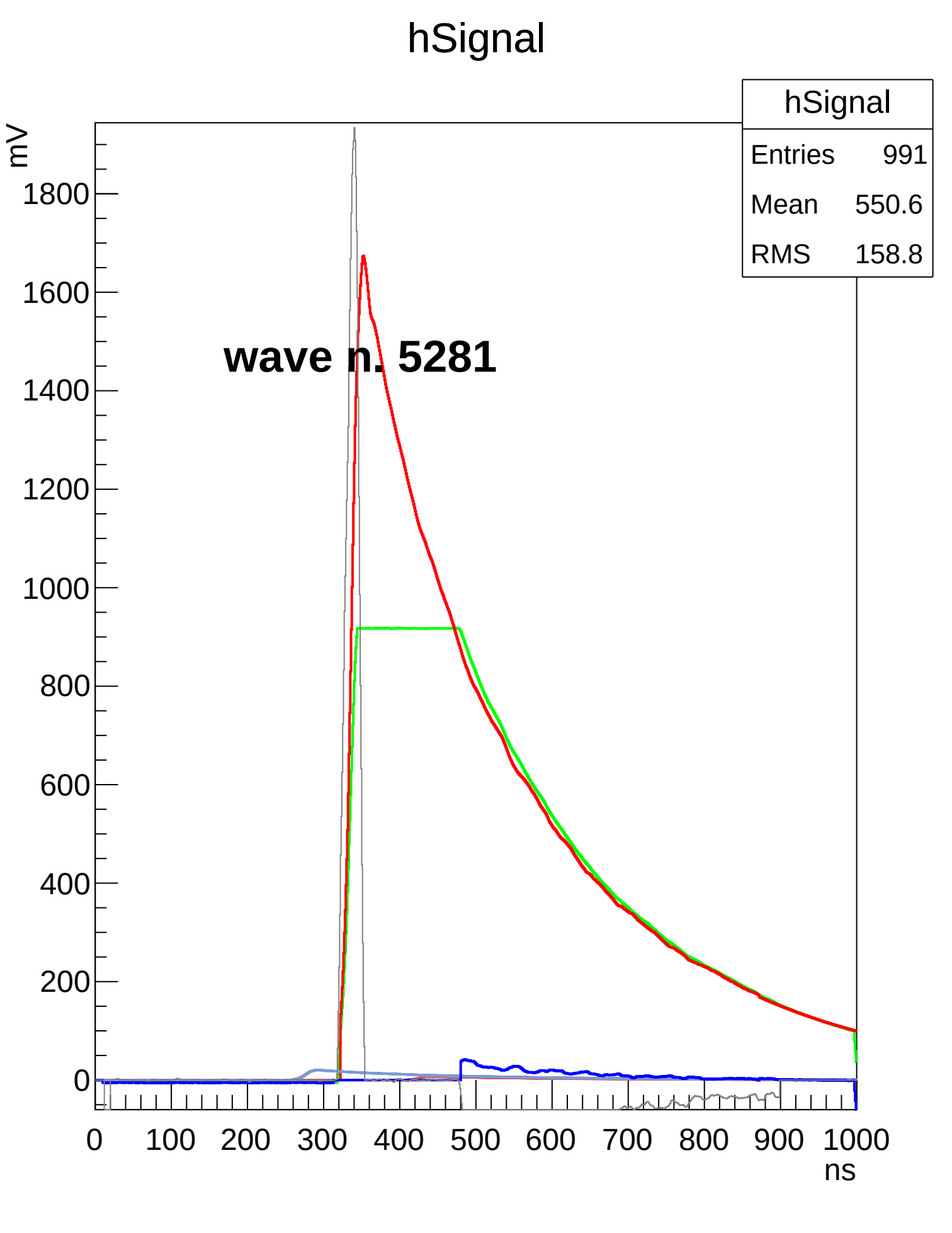

hSignal
hSignal
Entries 991
Mean 467.3
RMS 177.4
wave n. 5276
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

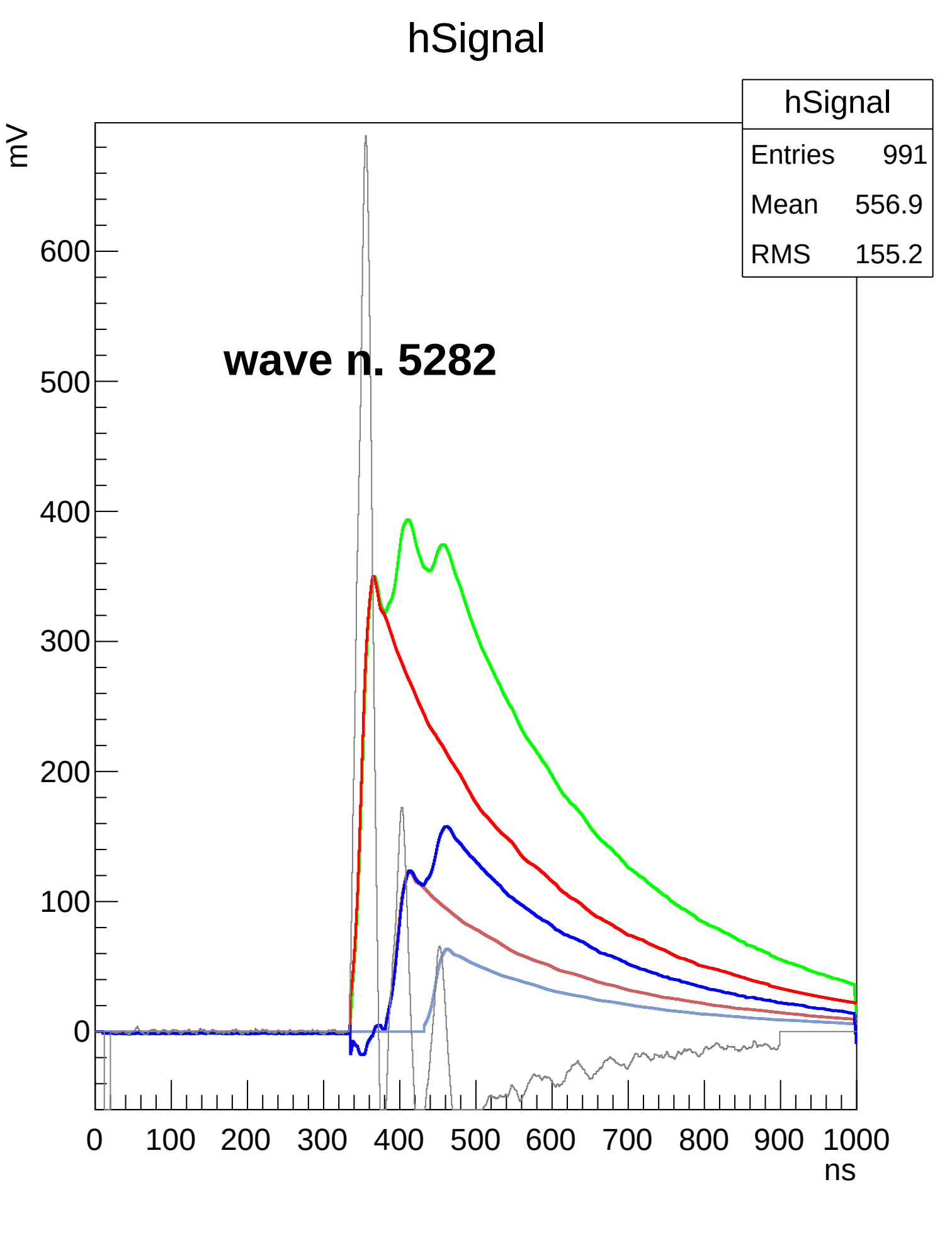

hSignal
hSignal
Entries 991
Mean 540.7
RMS 166.8
wave n. 5277
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

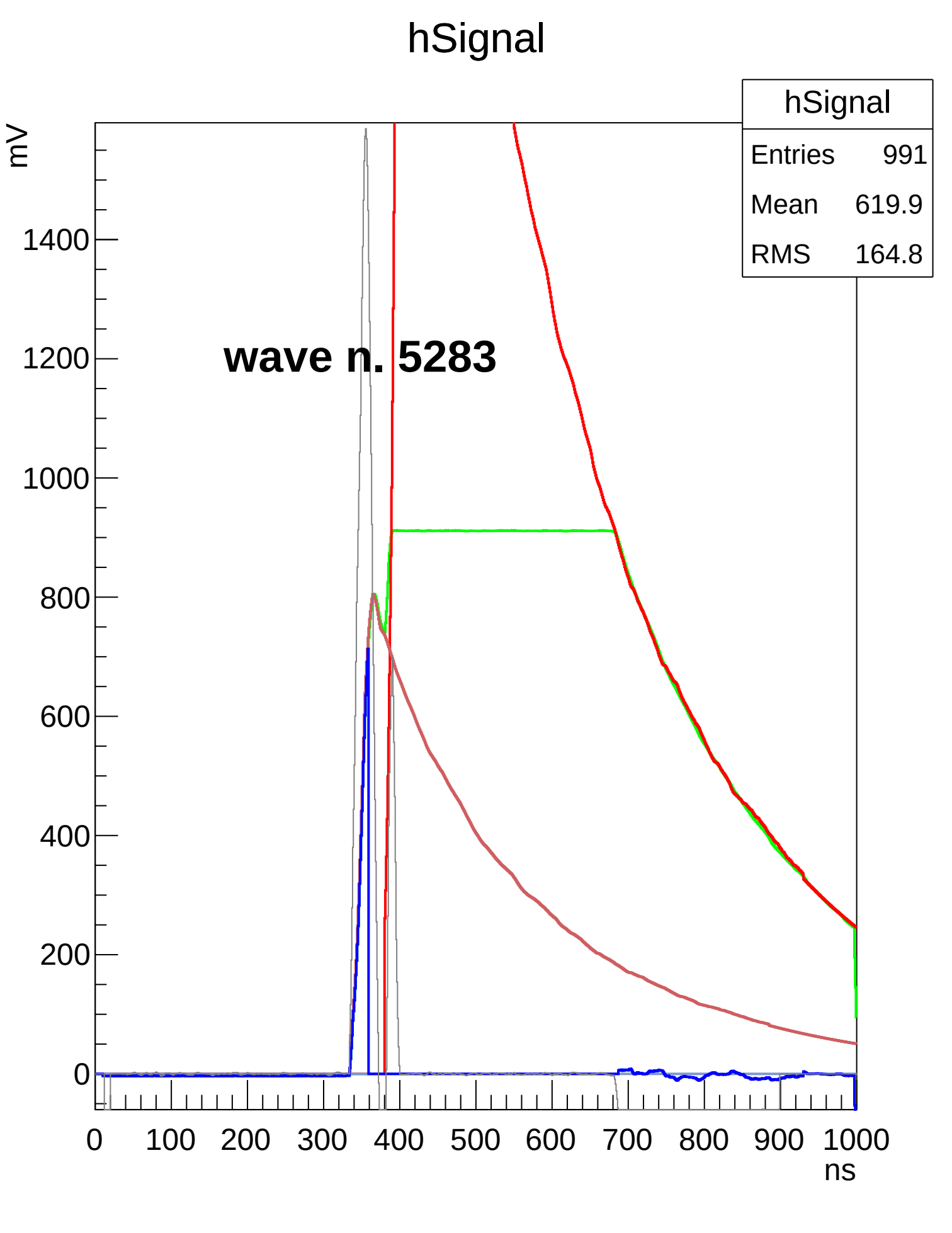

hSignal
hSignal
Entries 991
Mean 610.6
RMS 151.3
wave n. 5278
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

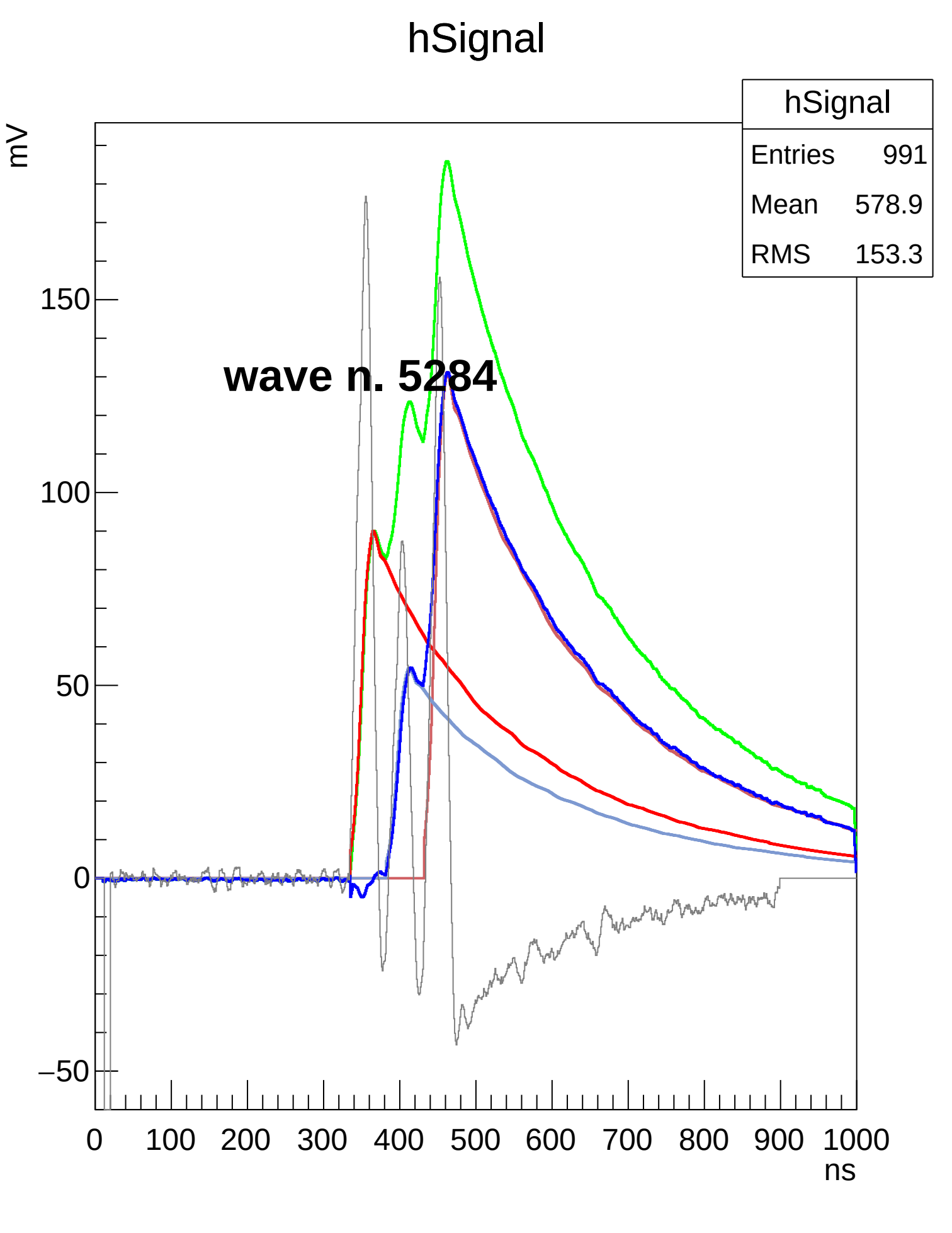

hSignal
hSignal
Entries 991
Mean 478.4
RMS 176.7
wave n. 5279
mV
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns

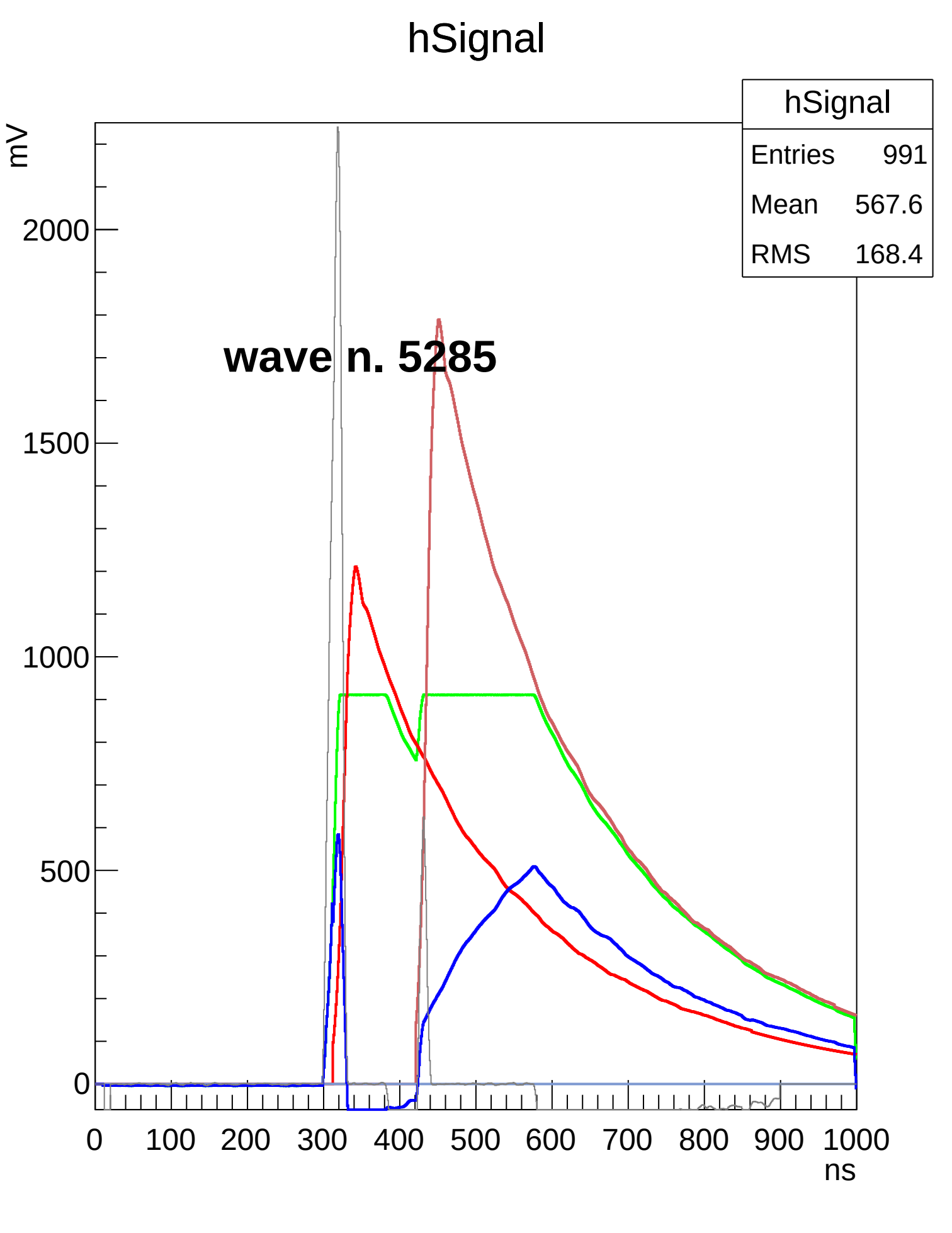

hSignal
hSignal
Entries 991
Mean 551.9
RMS 193.8
wave n. 5280
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.6
RMS 158.8
wave n. 5281
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.9
RMS 155.2
wave n. 5282
mV
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 619.9
RMS 164.8
wave n. 5283
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 578.9
RMS 153.3
wave n. 5284
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 567.6
RMS 168.4
wave n. 5285
mV
2000
1500
1000
500
0
0
100
200
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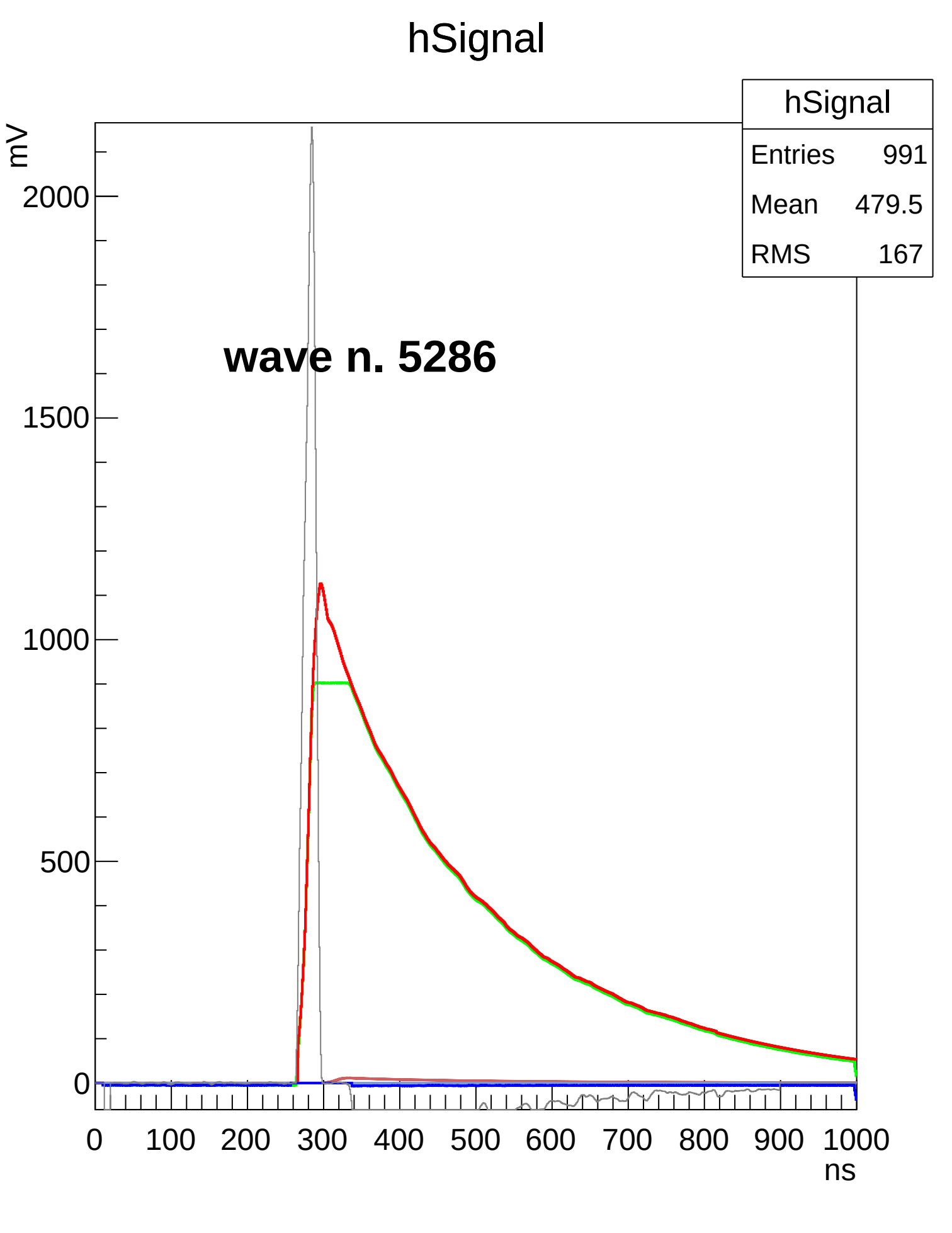
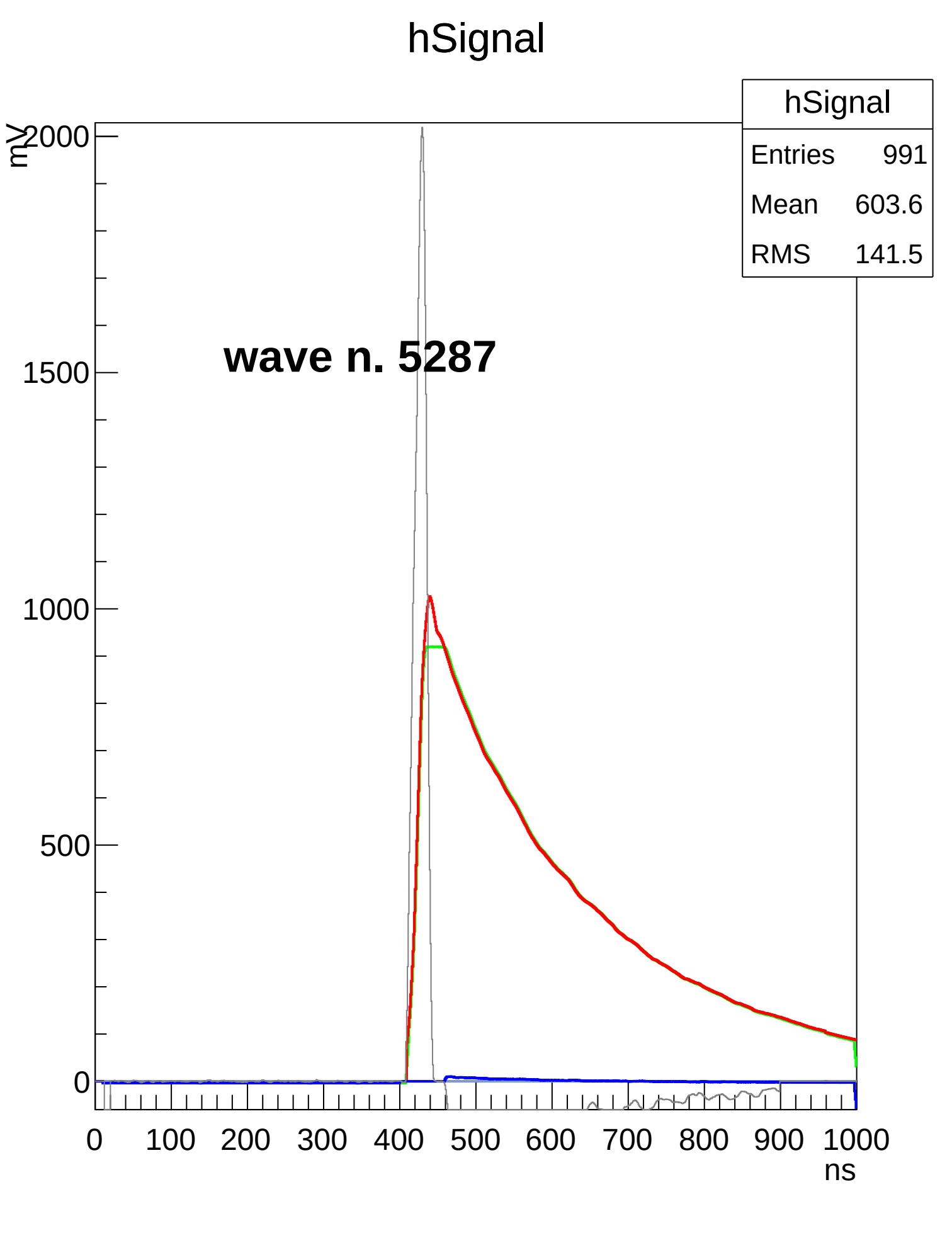
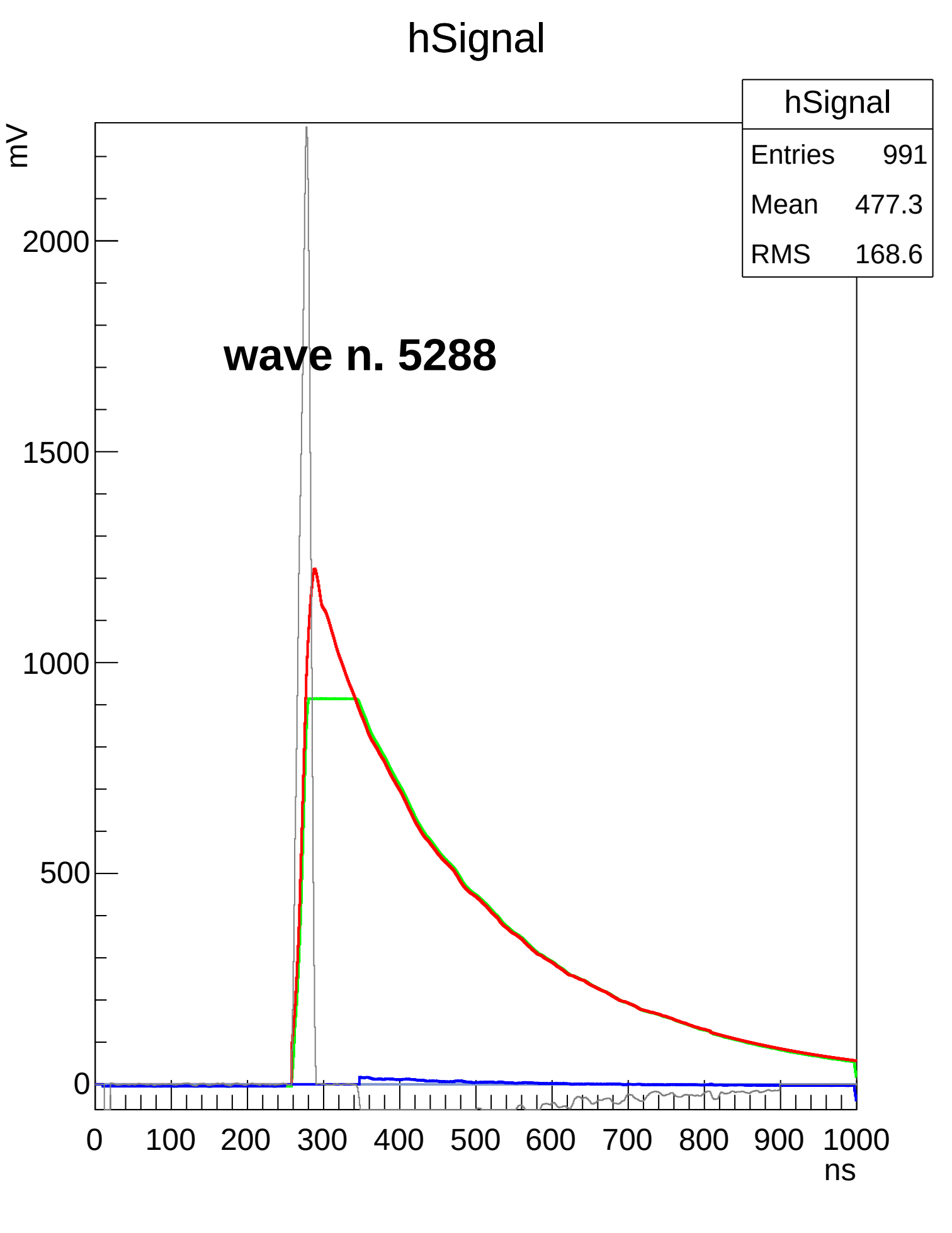
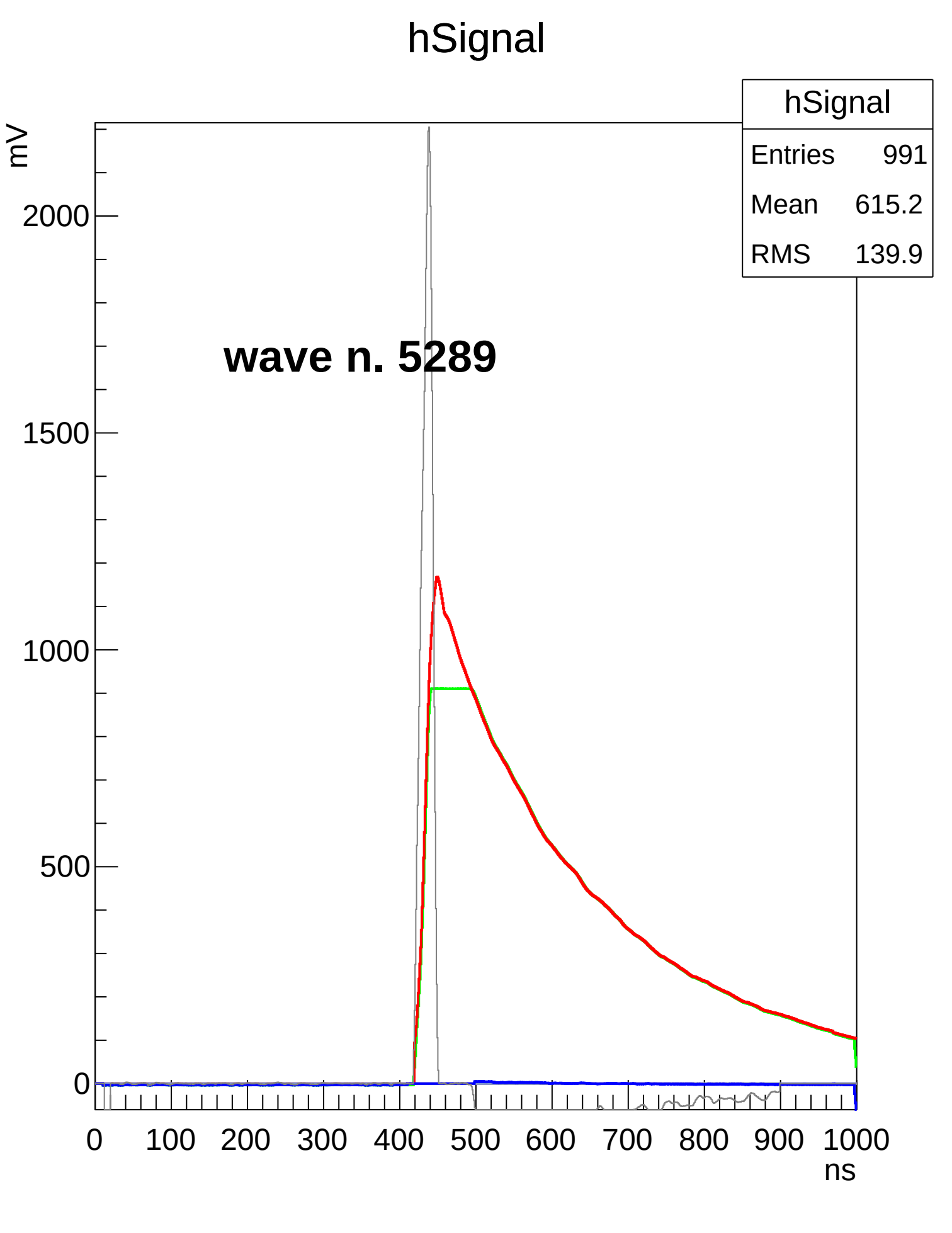
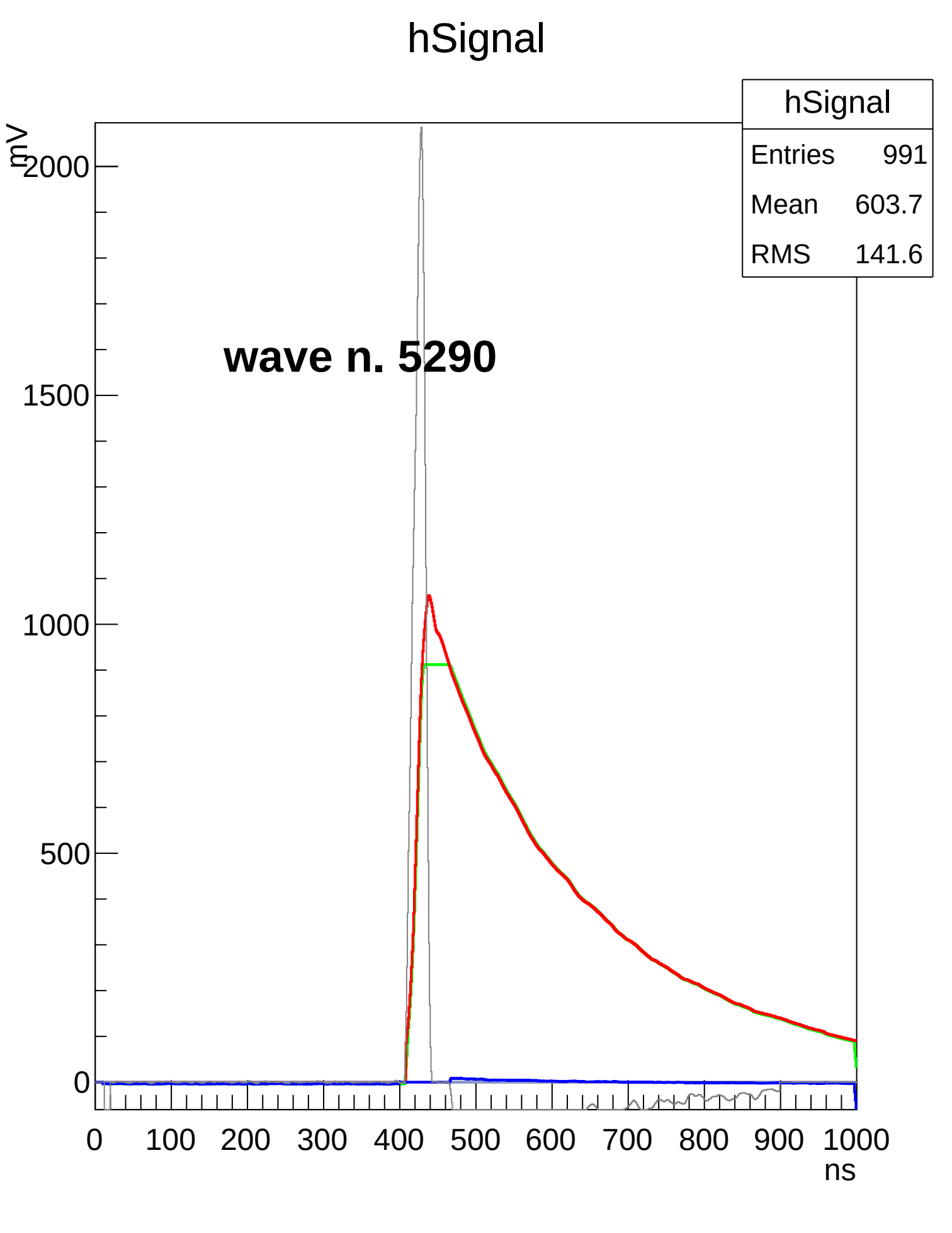
400
500
600
700
800
900
1000
ns

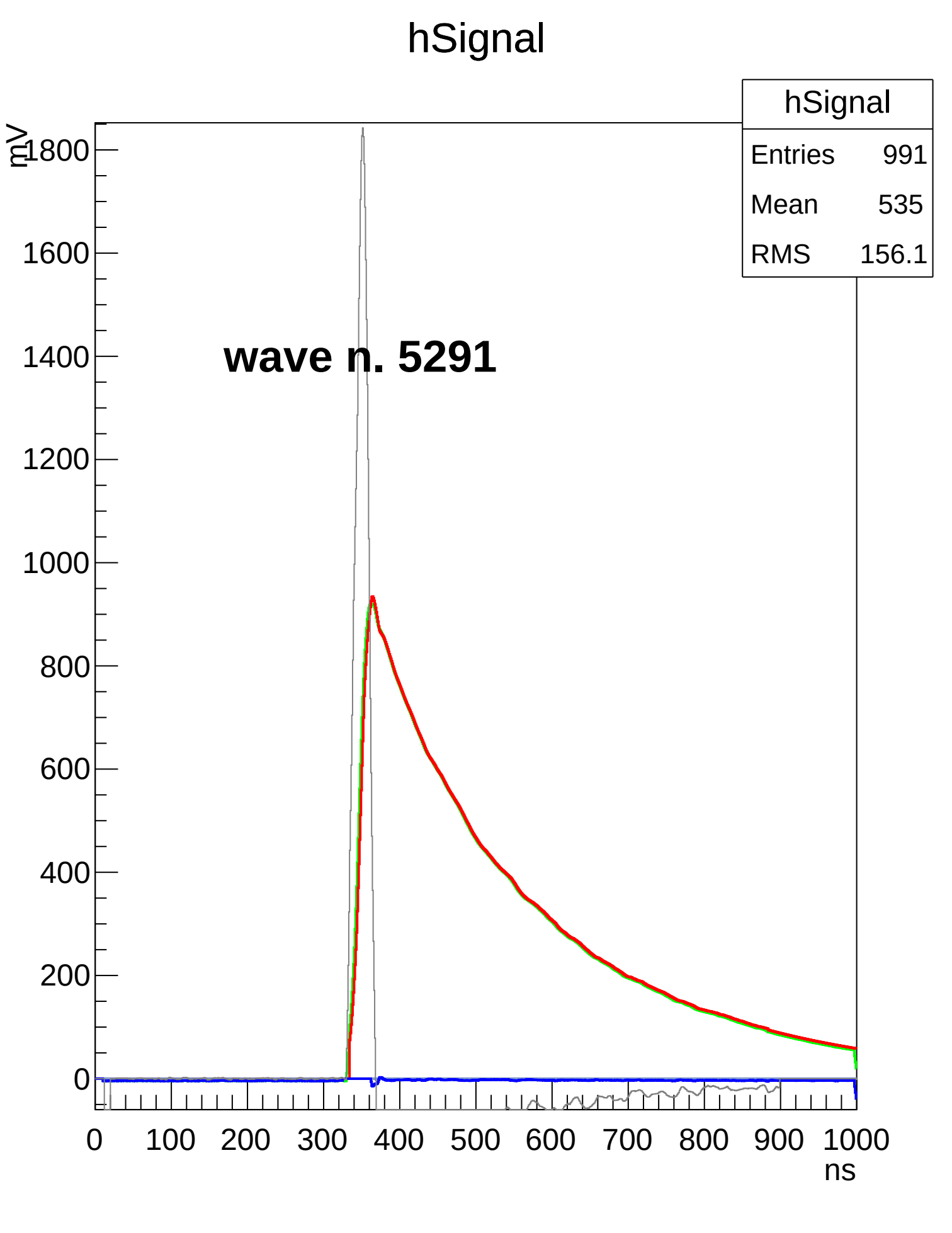

hSignal
hSignal
Entries 991
Mean 479.5
RMS 167
wave n. 5286
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

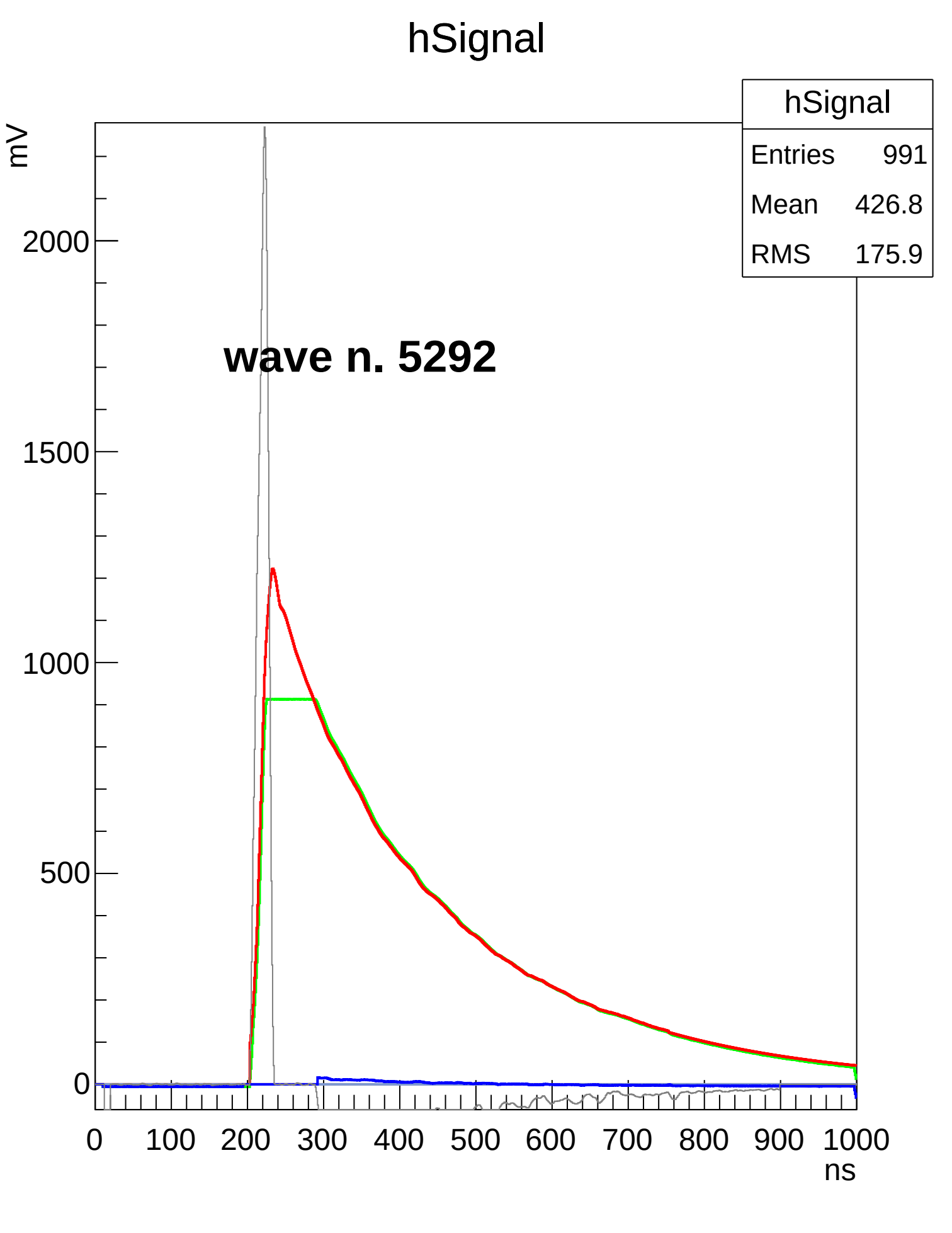

hSignal
hSignal
Entries 991
Mean 603.6
RMS 141.5
wave n. 5287
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

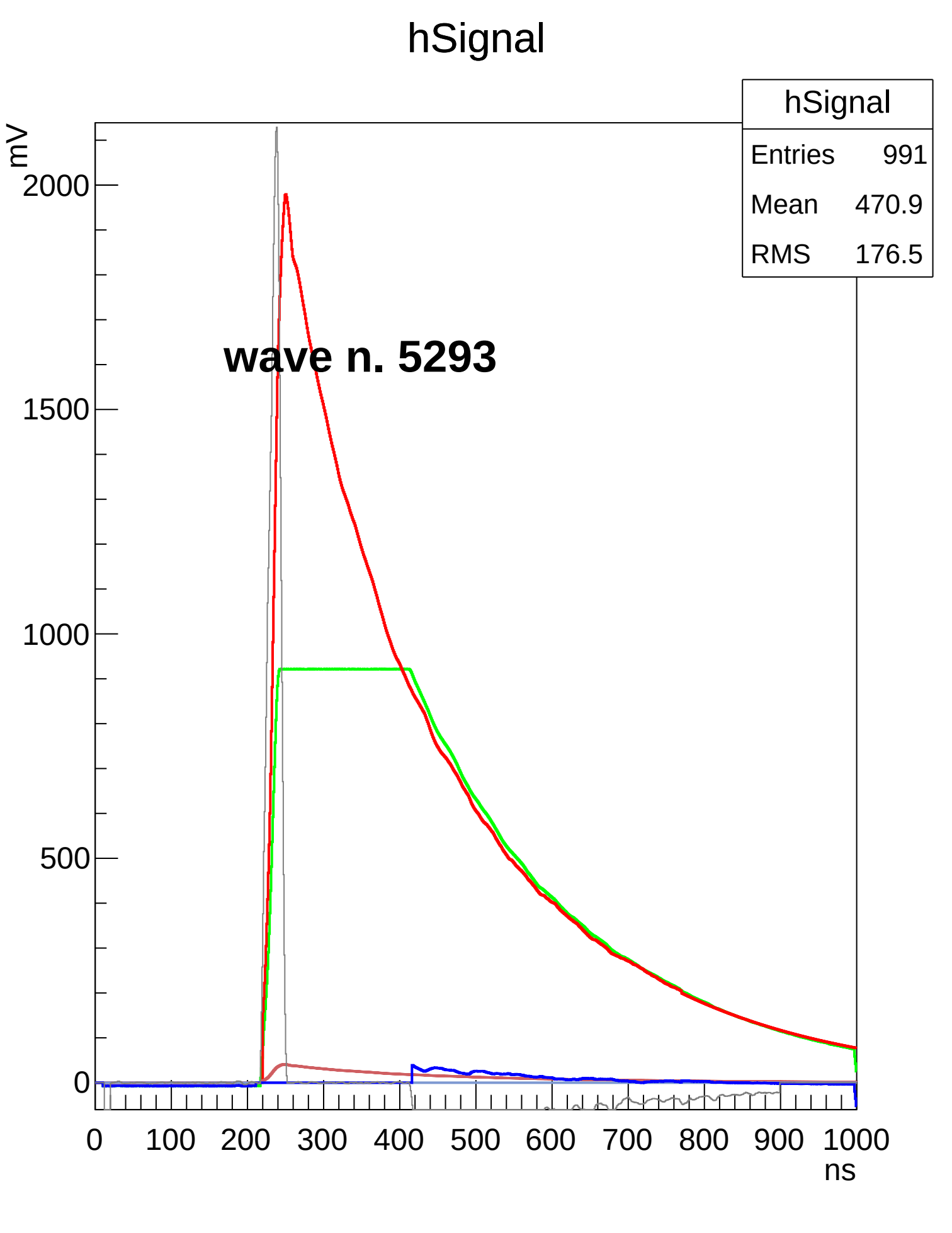

hSignal
hSignal
Entries 991
Mean 477.3
RMS 168.6
wave n. 5288
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

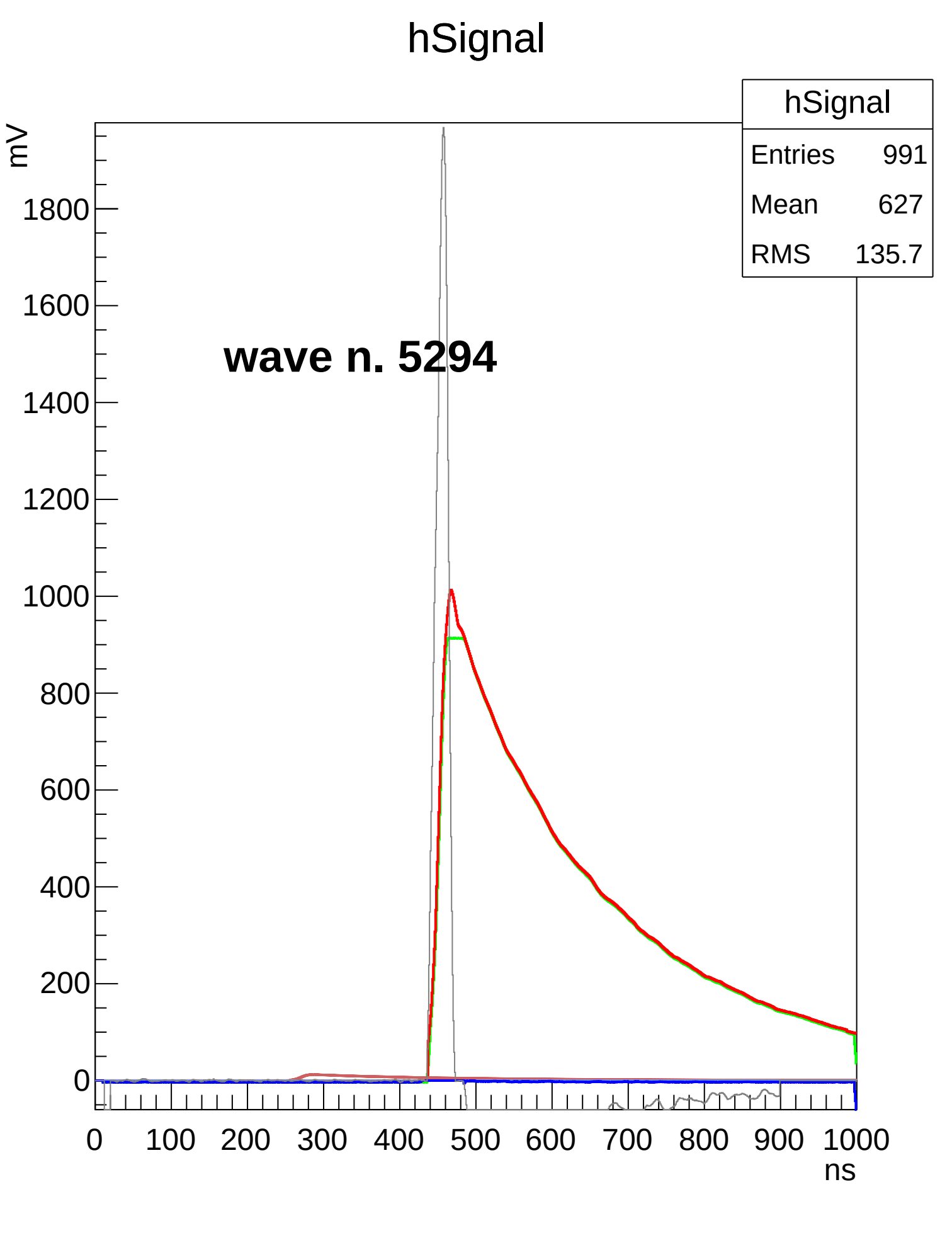

hSignal
hSignal
Entries 991
Mean 615.2
RMS 139.9
wave n. 5289
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

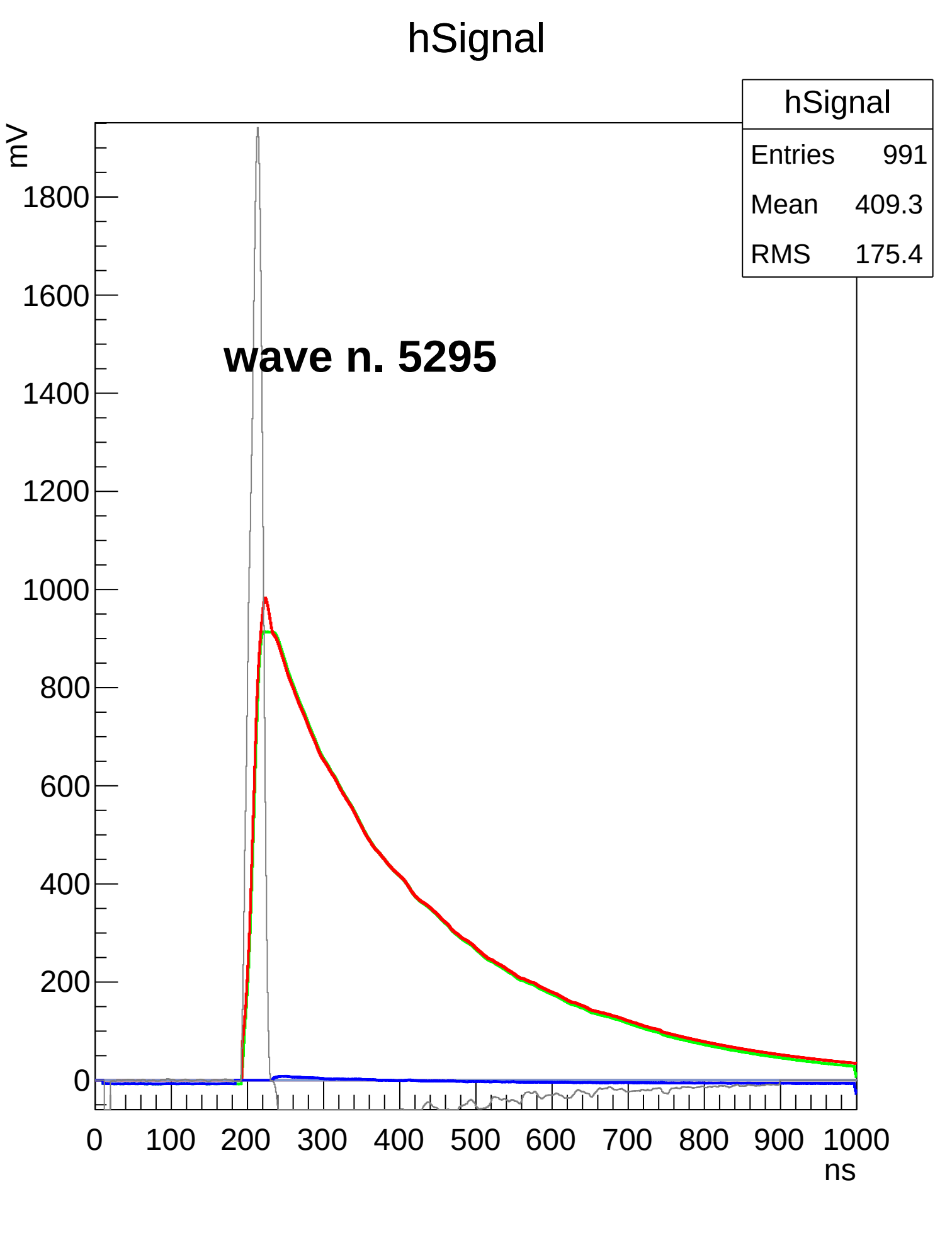

hSignal
hSignal
Entries 991
Mean 603.7
RMS 141.6
wave n. 5290
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

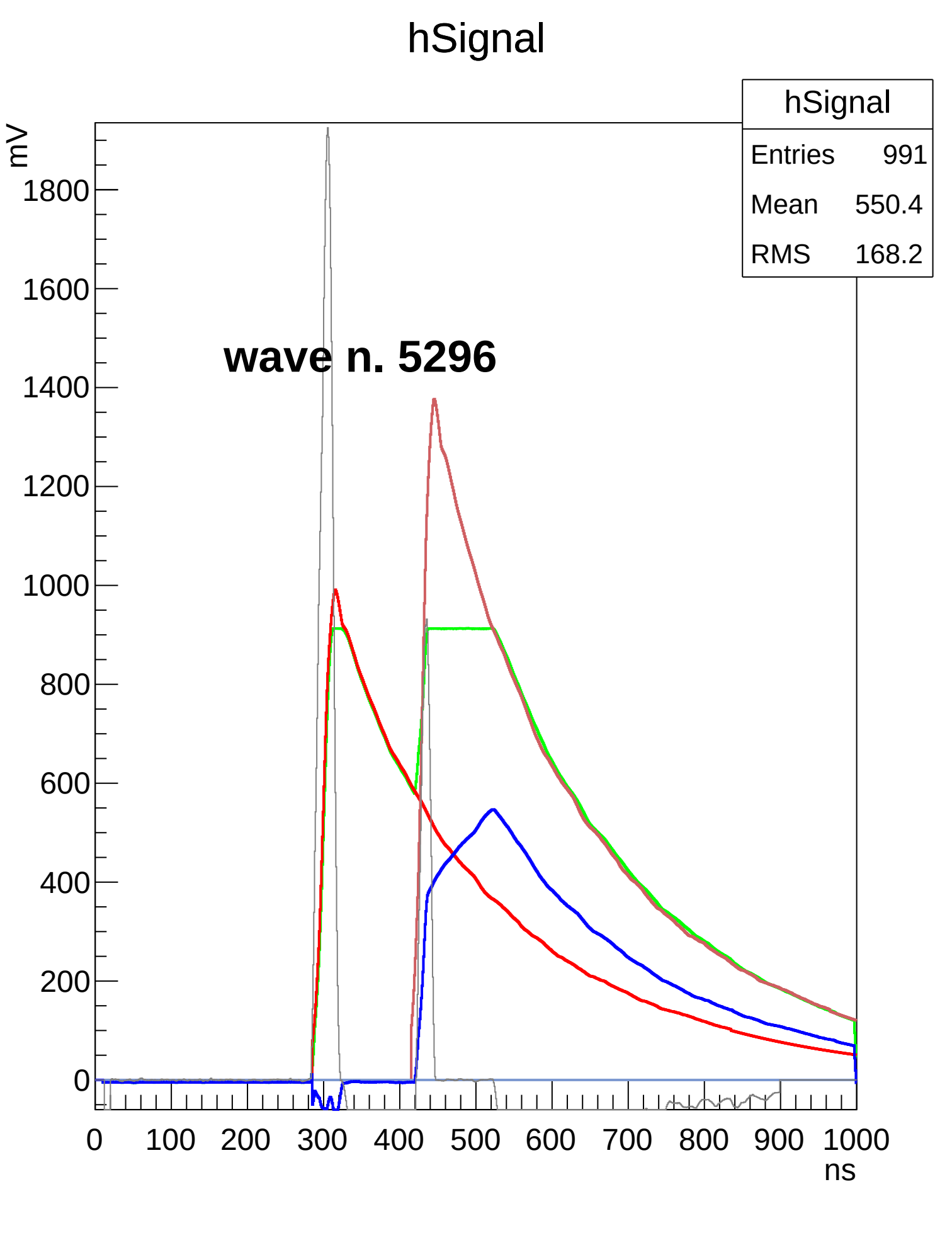

hSignal
hSignal
Entries 991
Mean 535
RMS 156.1
wave n. 5291
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

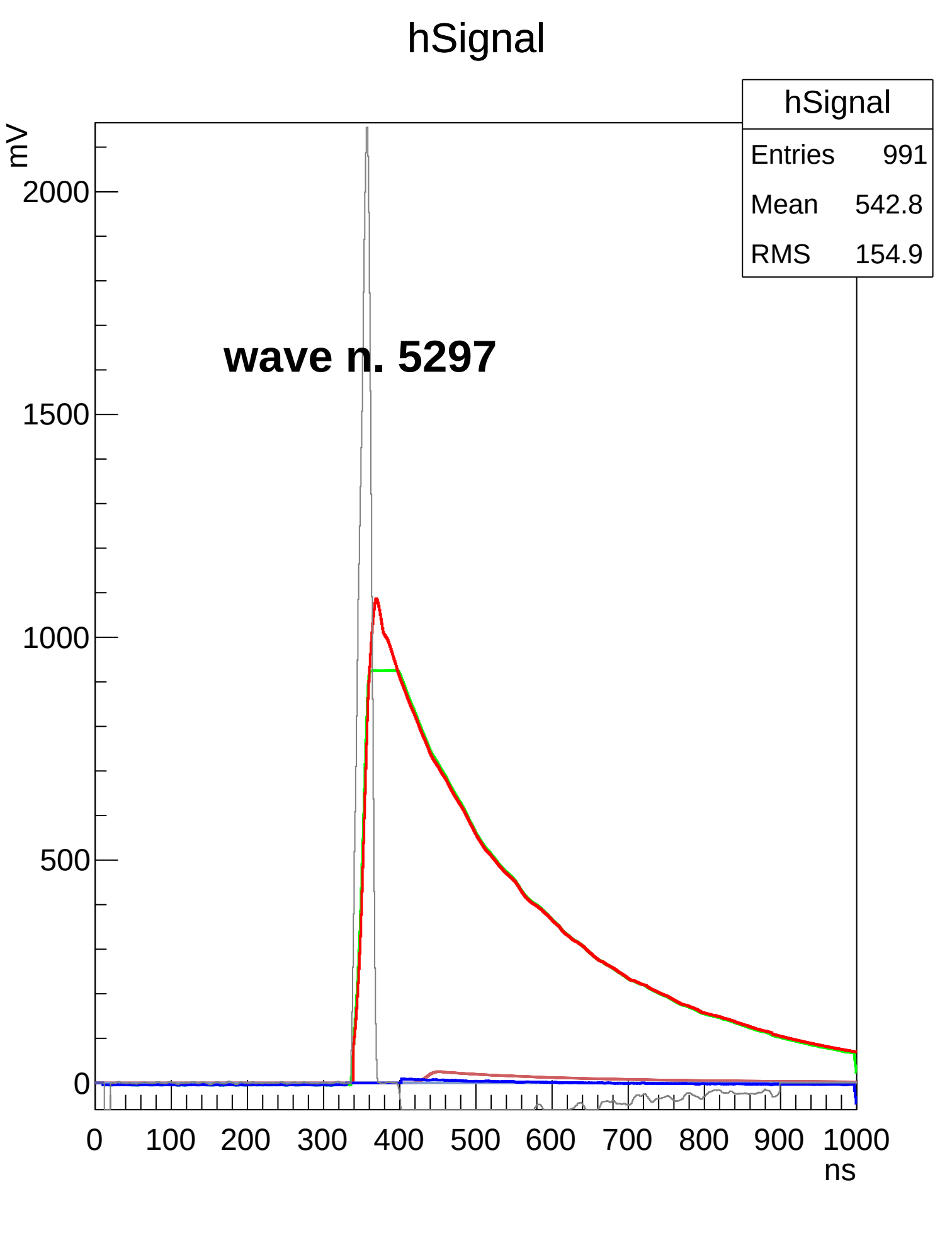

hSignal
hSignal
Entries 991
Mean 426.8
RMS 175.9
wave n. 5292
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

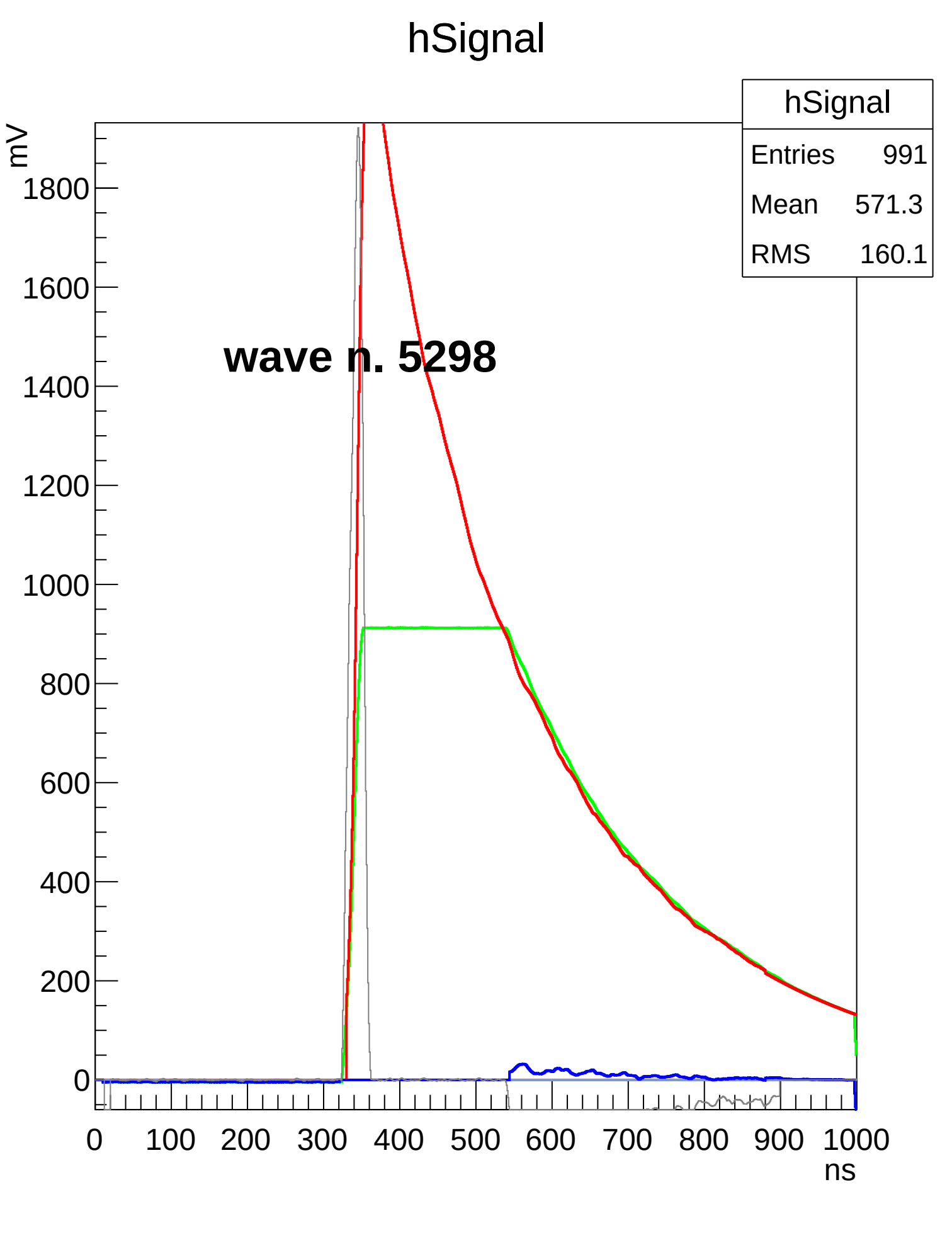

hSignal
hSignal
Entries 991
Mean 470.9
RMS 176.5
wave n. 5293
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

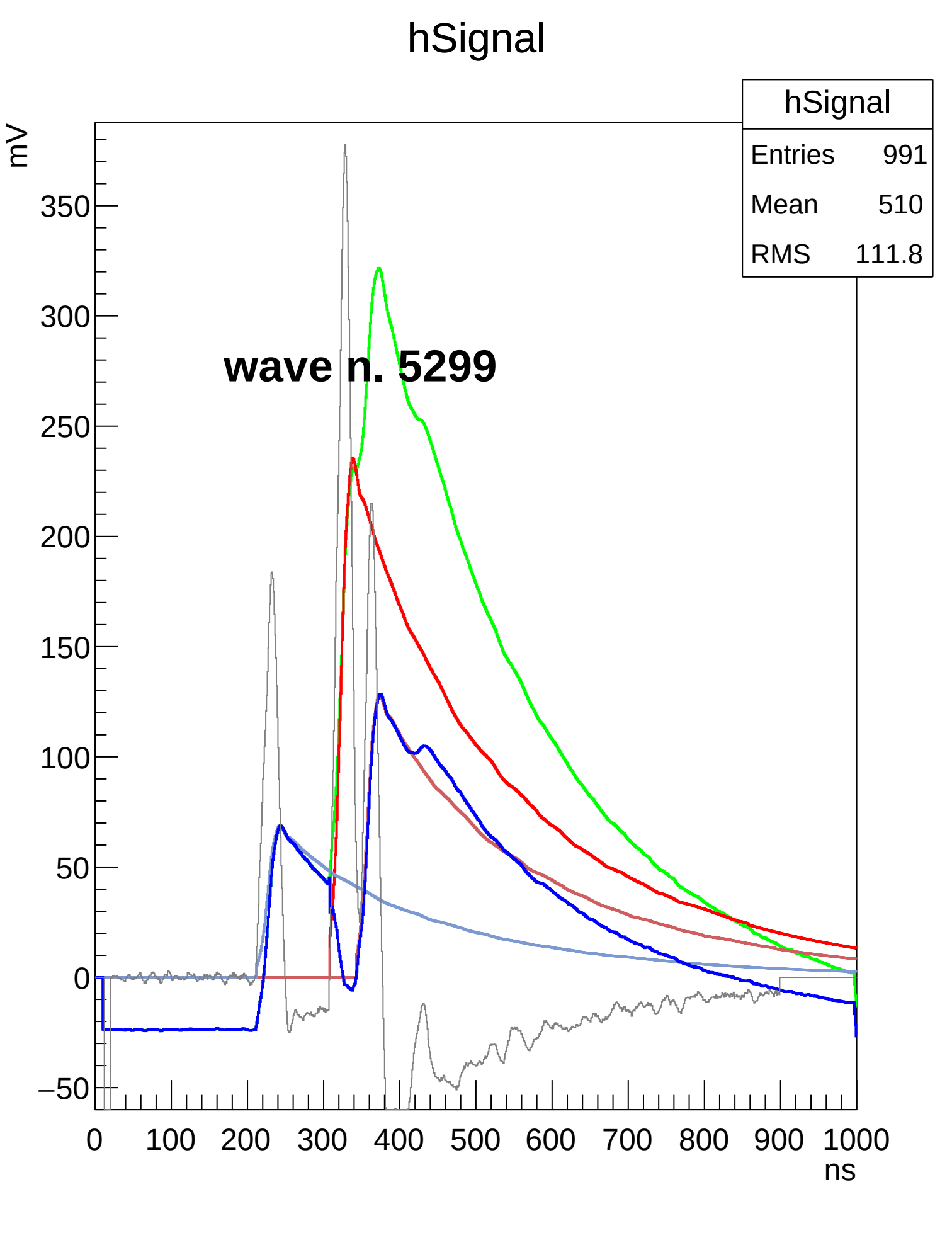

hSignal
hSignal
Entries 991
Mean 627
RMS 135.7
wave n. 5294
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 409.3
RMS 175.4
wave n. 5295
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 550.4
RMS 168.2
wave n. 5296
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.8
RMS 154.9
wave n. 5297
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 571.3
RMS 160.1
wave n. 5298
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510
RMS 111.8
wave n. 5299
mV
350
300
250
200
150
100
50
0
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0
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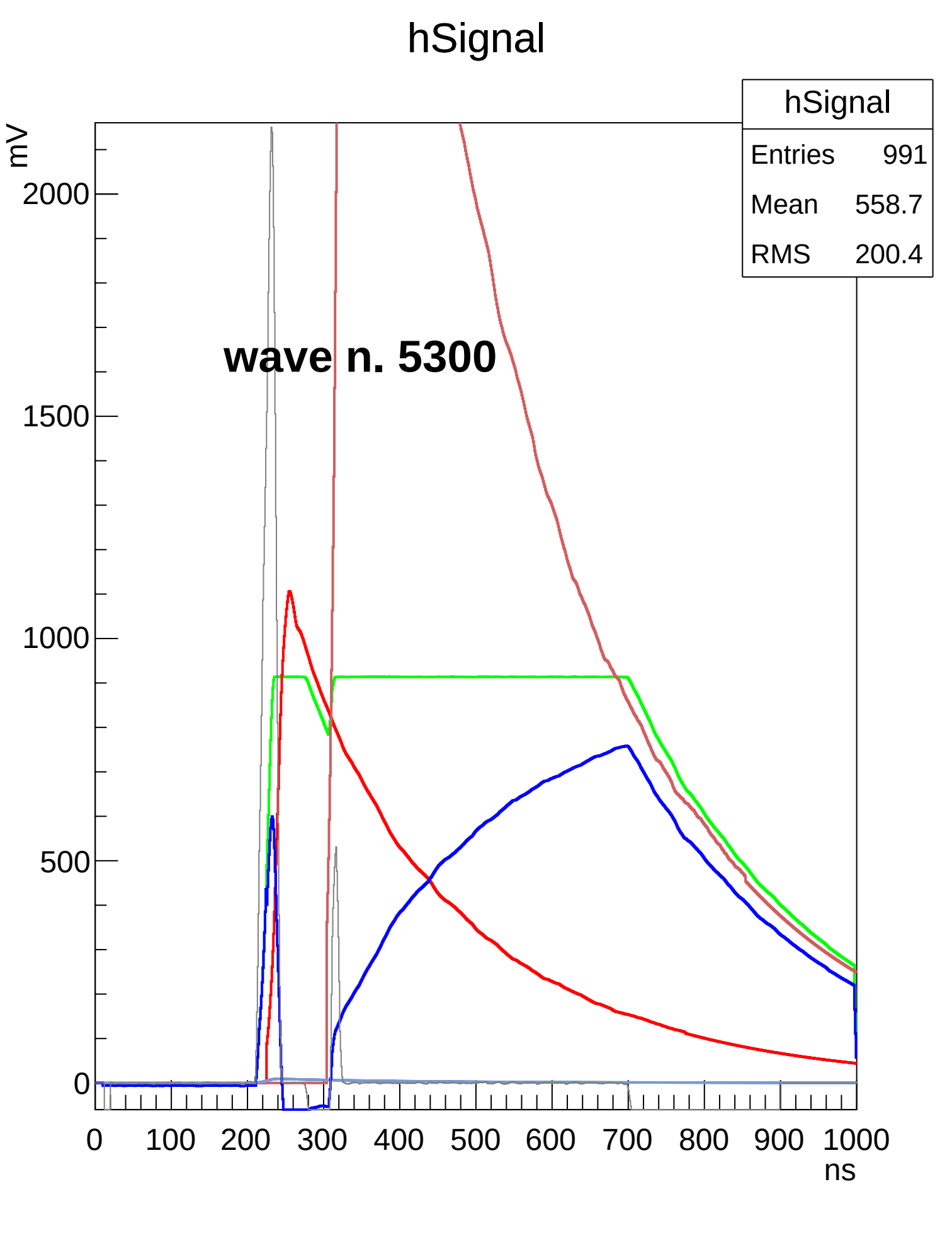
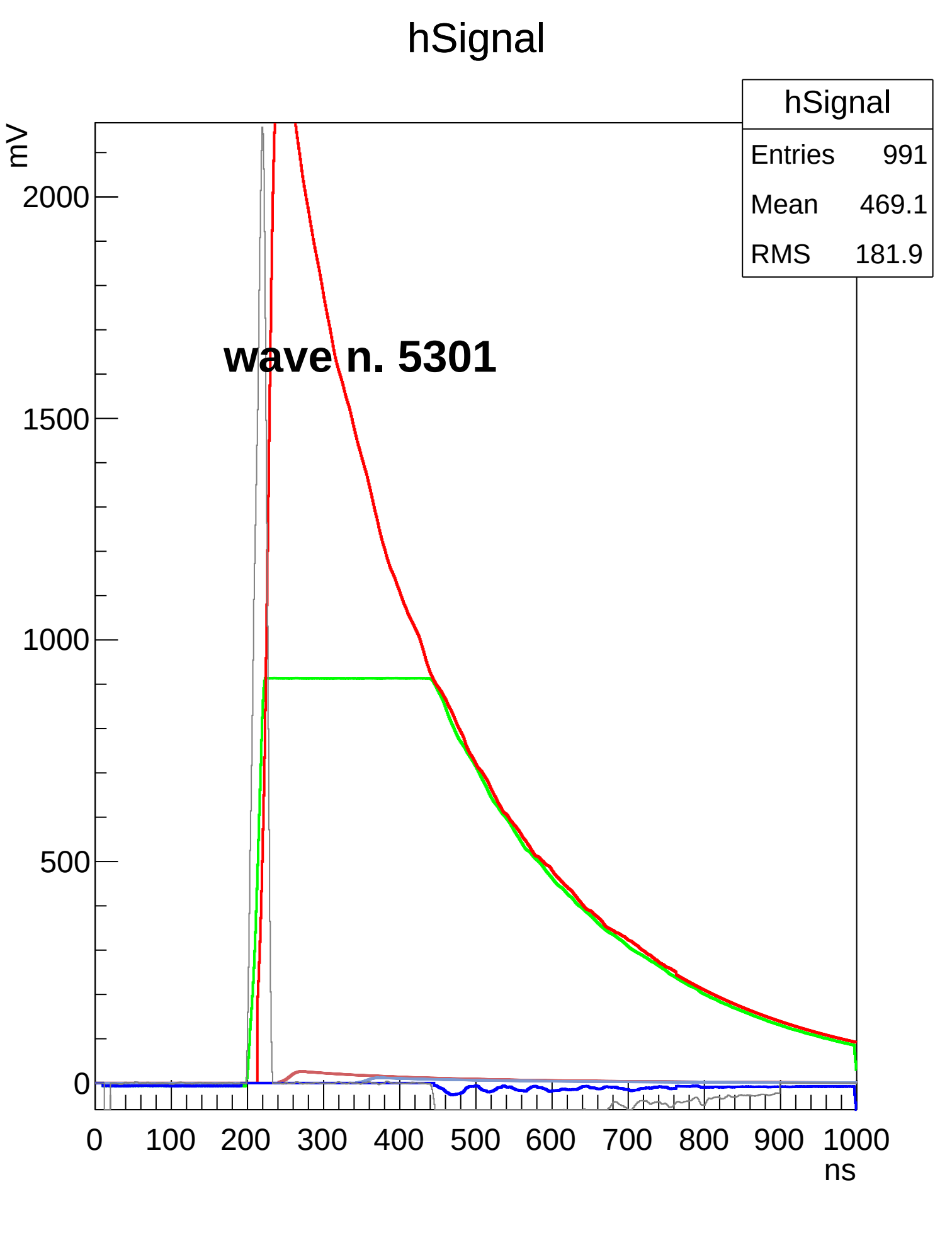
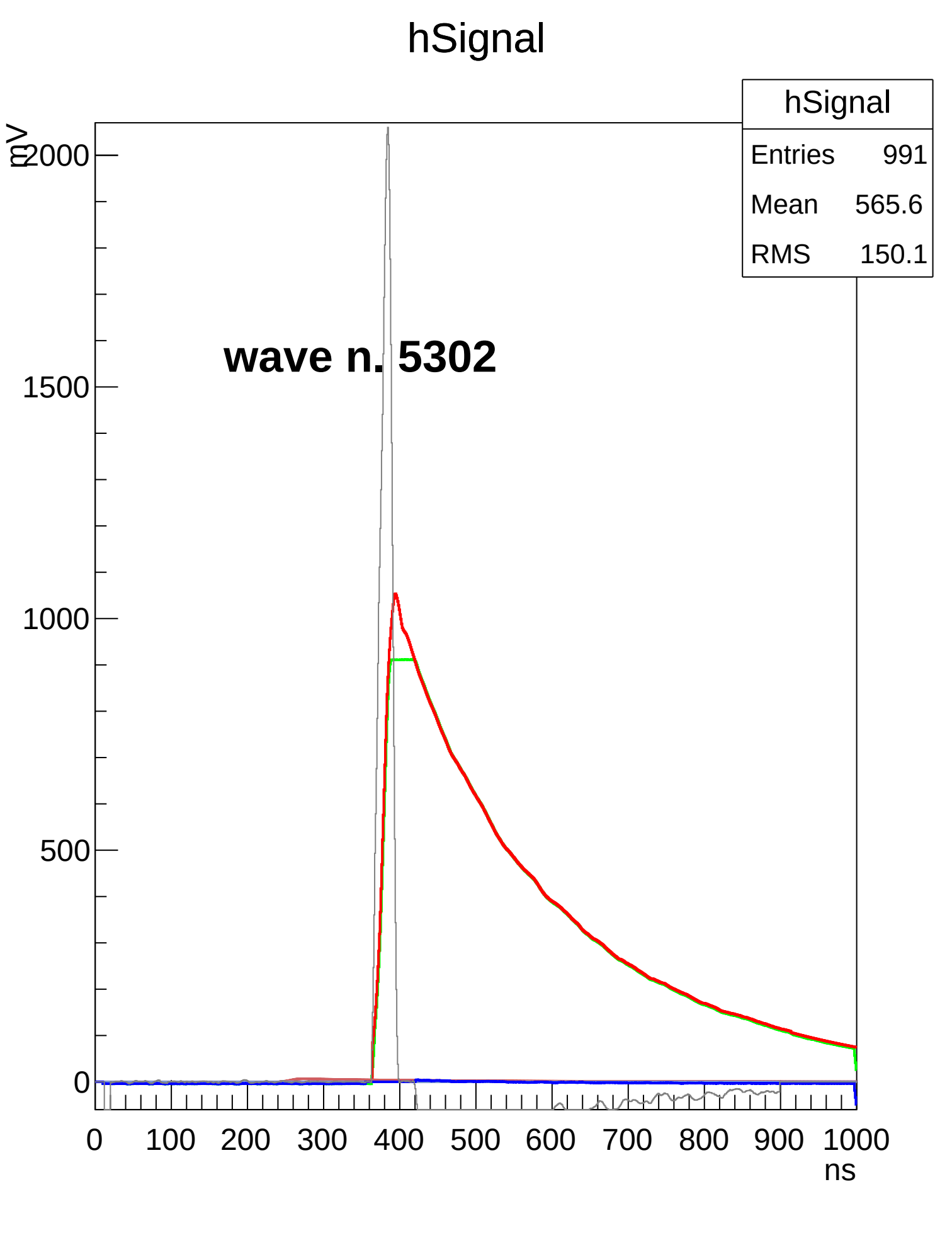
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558.7
RMS 200.4
wave n. 5300
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 469.1
RMS 181.9
wave n. 5301
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.6
RMS 150.1
wave n. 5302
mV
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1500
1000
500
0
0
100
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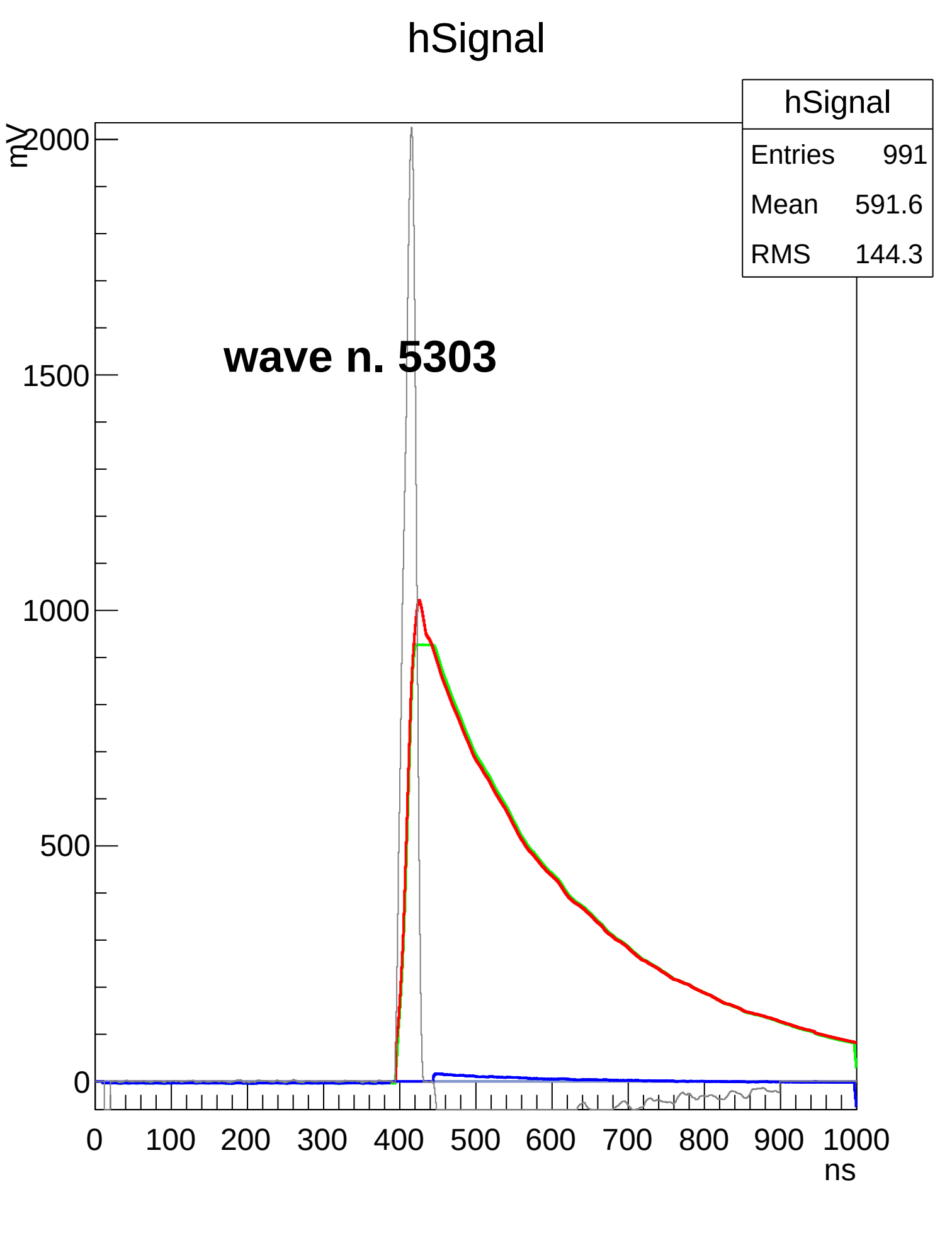
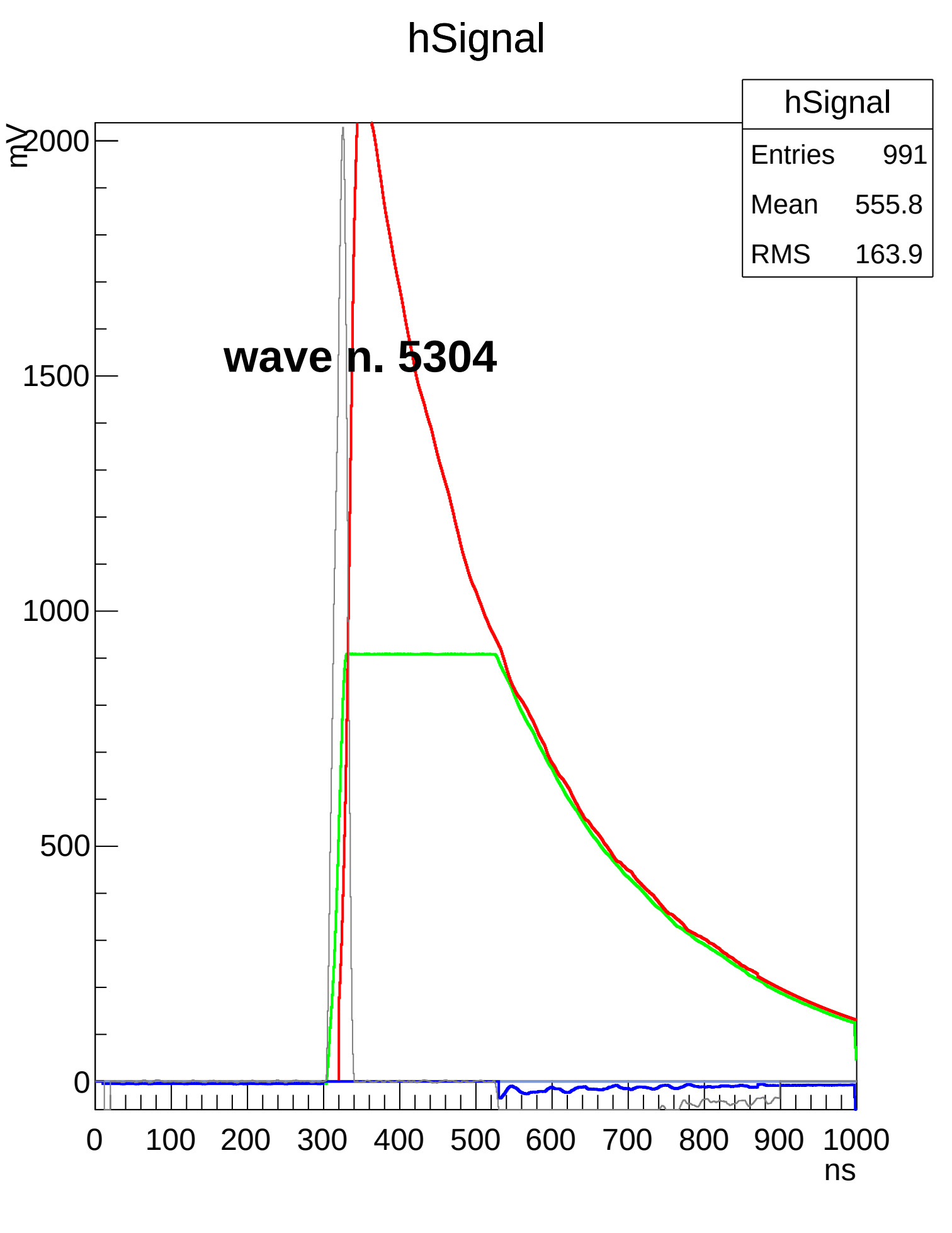
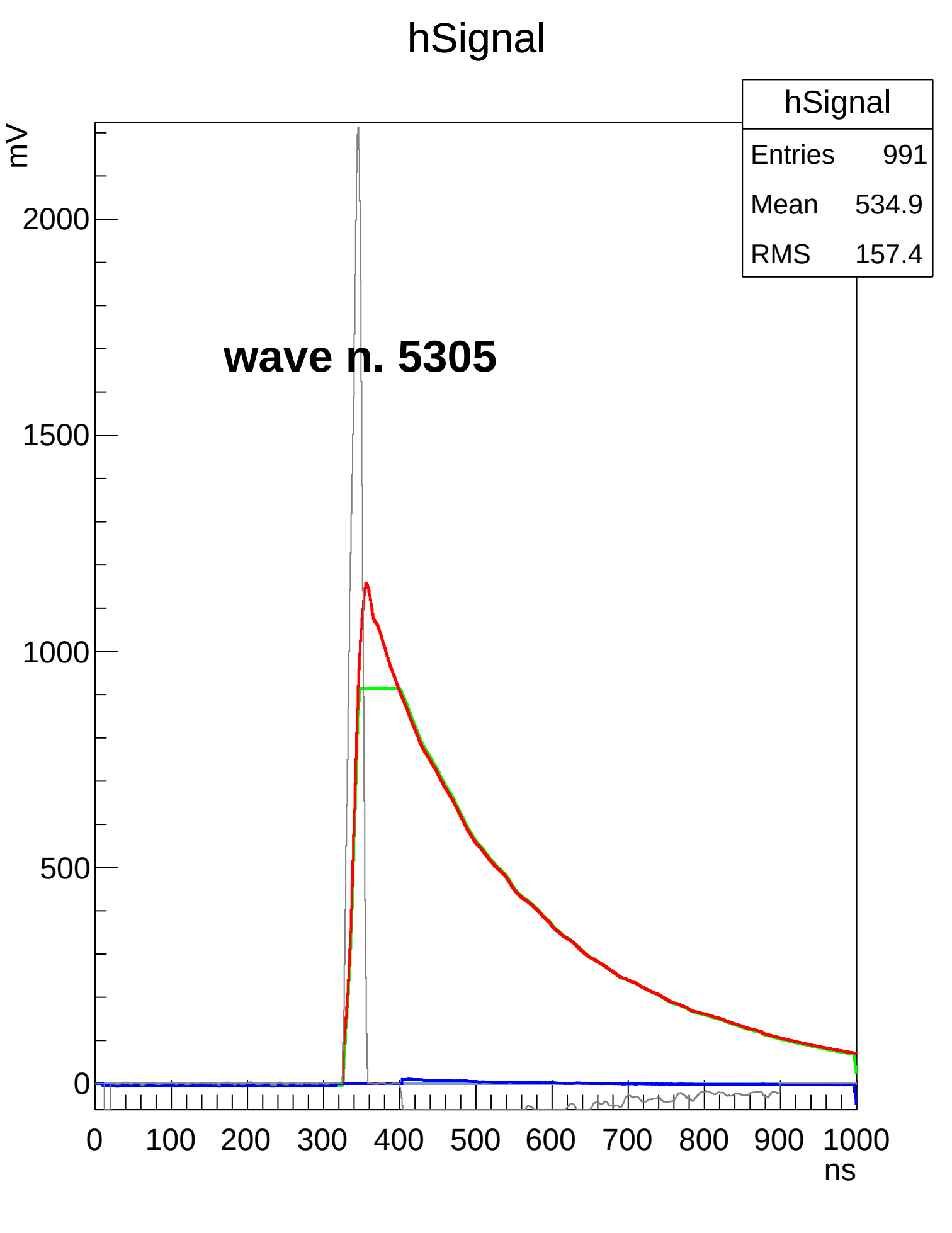
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 591.6
RMS 144.3
wave n. 5303
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 555.8
RMS 163.9
wave n. 5304
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.9
RMS 157.4
wave n. 5305
mV
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1500
1000
500
0
0
100
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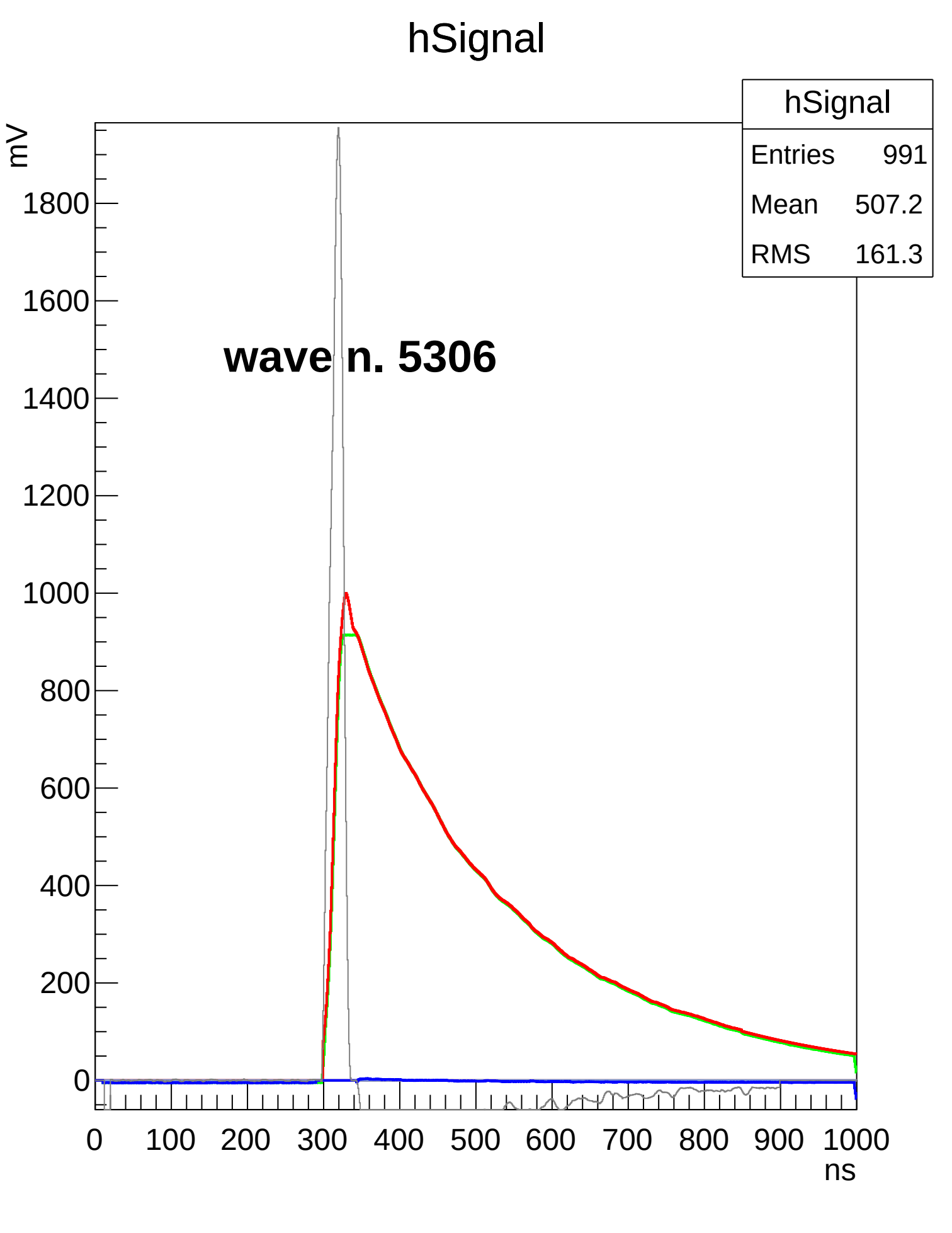
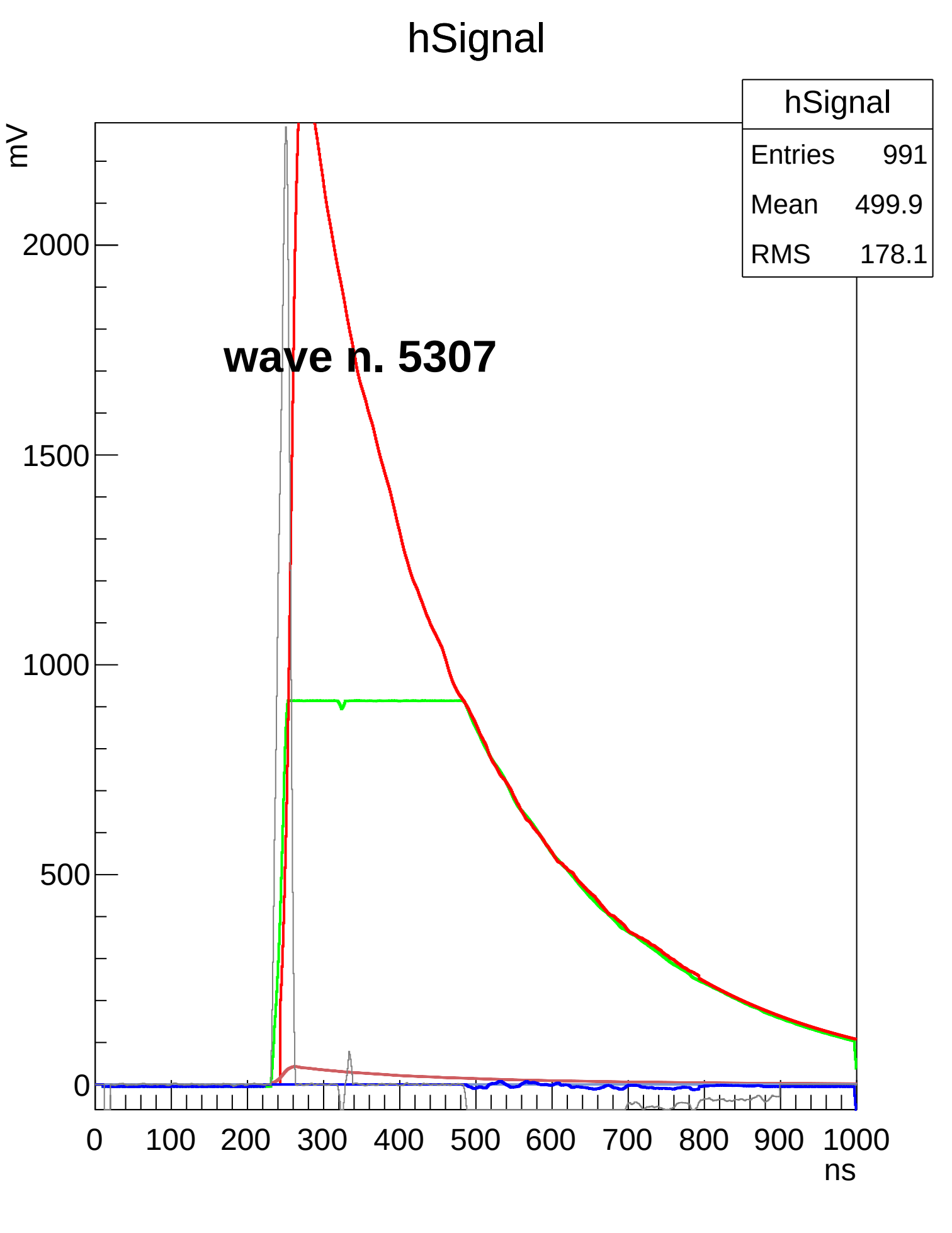
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 507.2
RMS 161.3
wave n. 5306
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.9
RMS 178.1
wave n. 5307
mV
2000
1500
1000
500
0
0
100
200
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400
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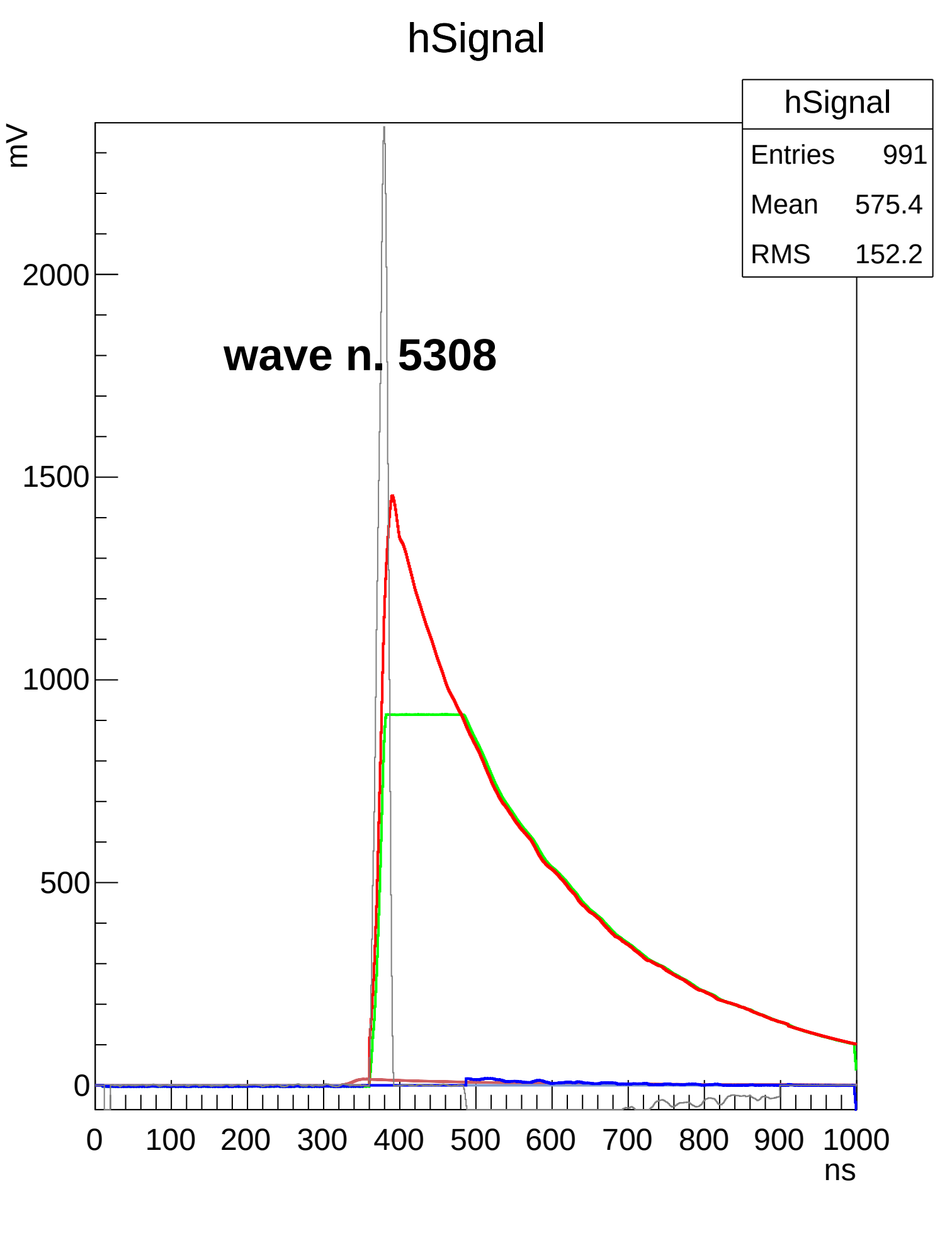
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 575.4
RMS 152.2
wave n. 5308
mV
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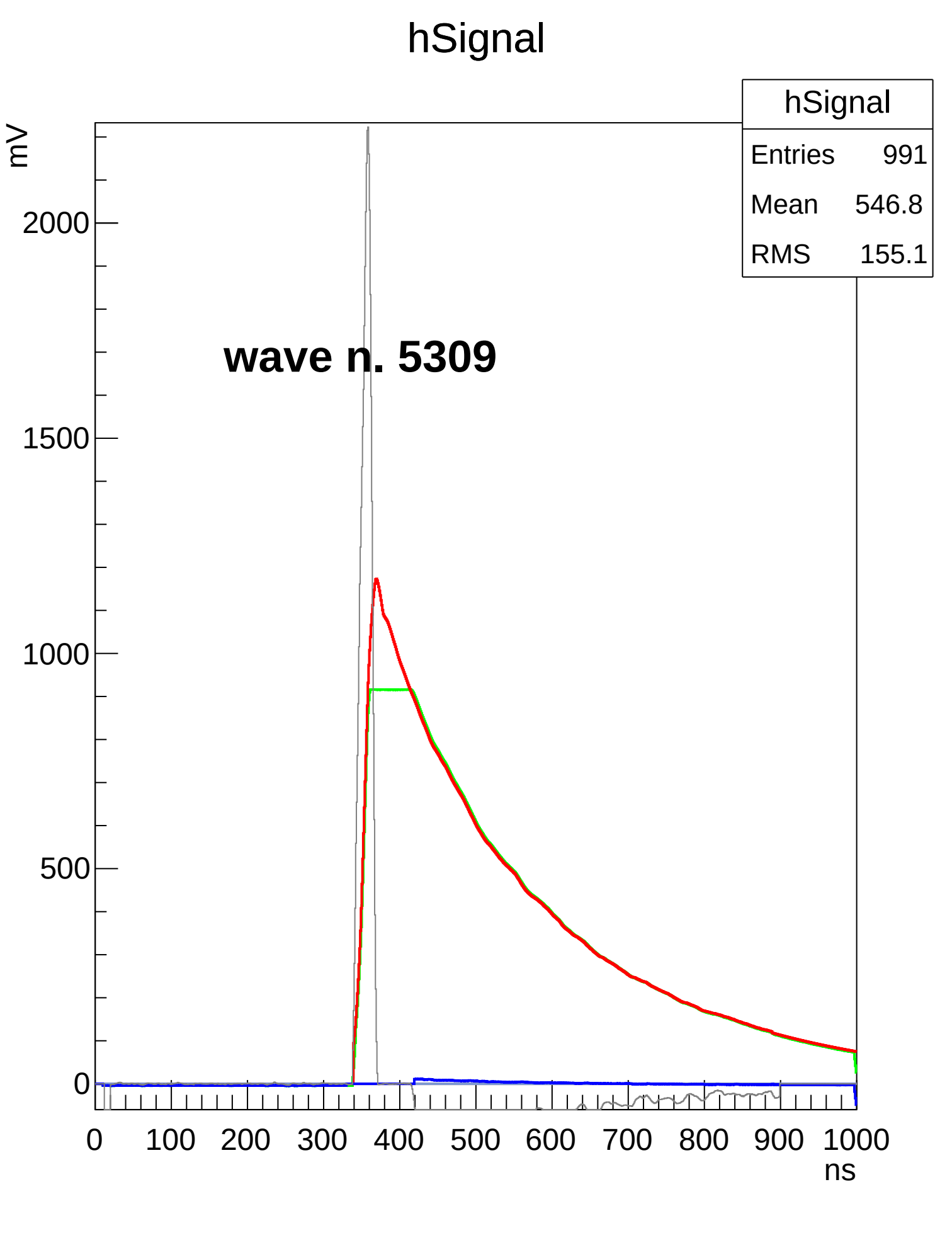
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 546.8
RMS 155.1
wave n. 5309
mV
2000
1500
1000
500
0
0
100
200
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400
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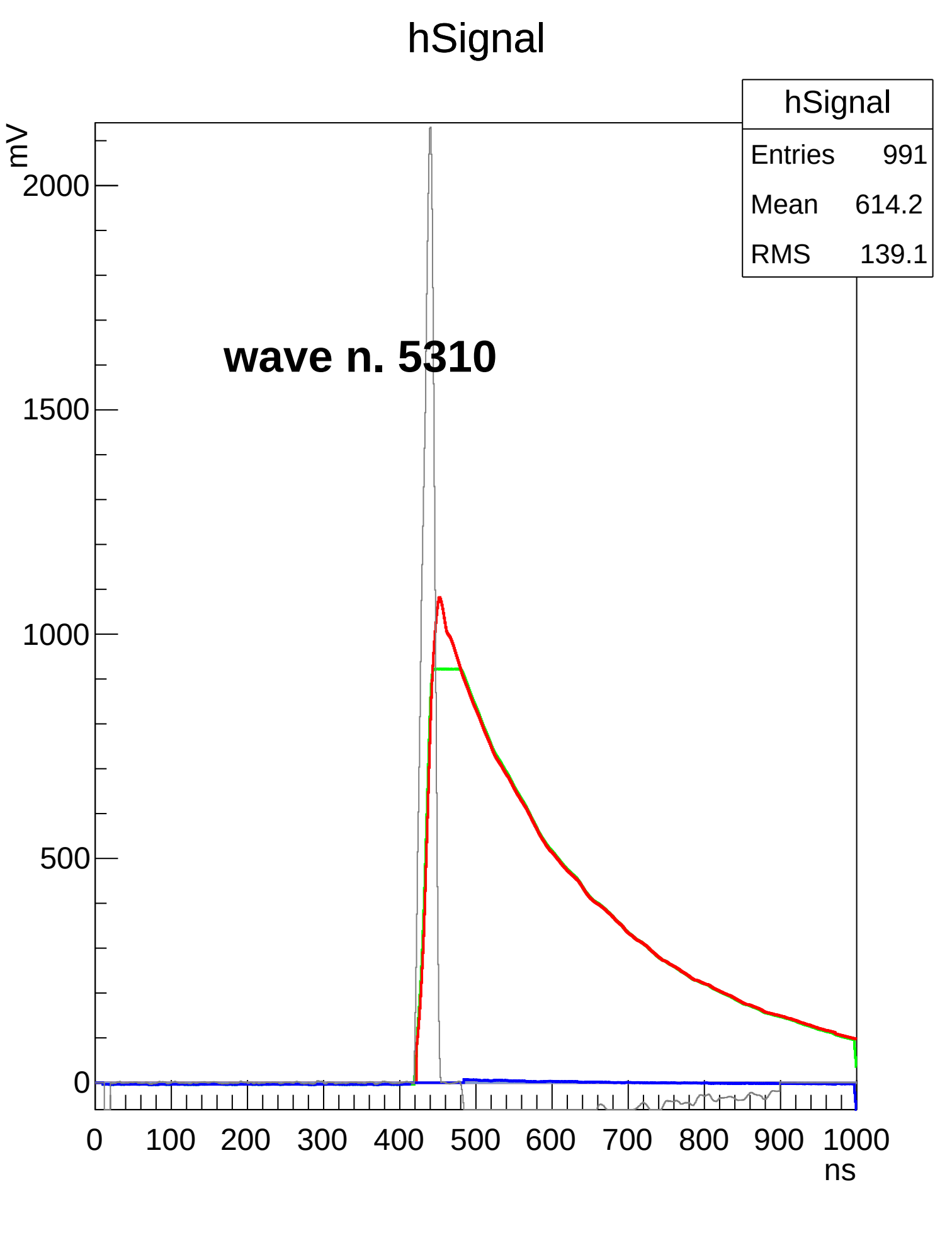
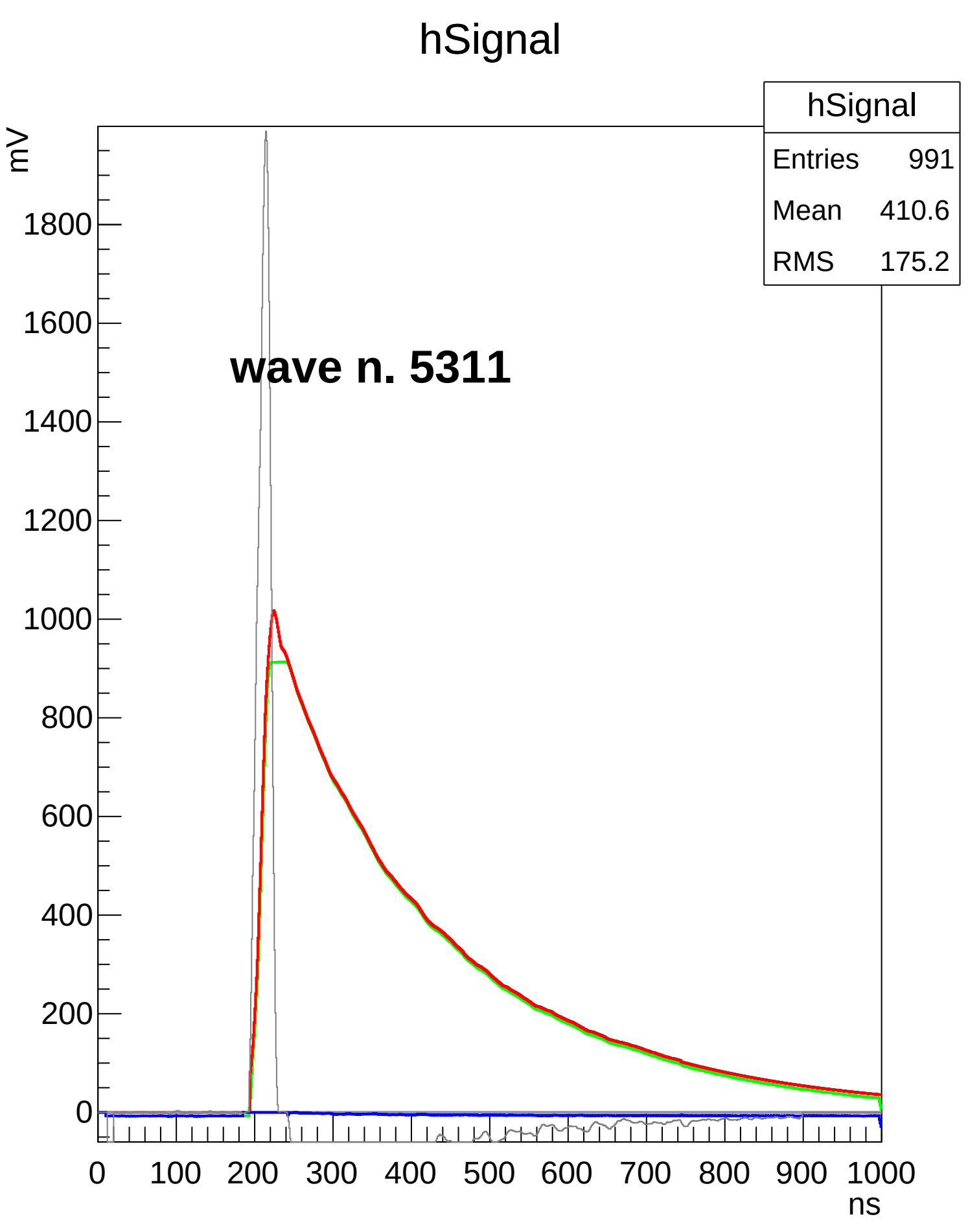
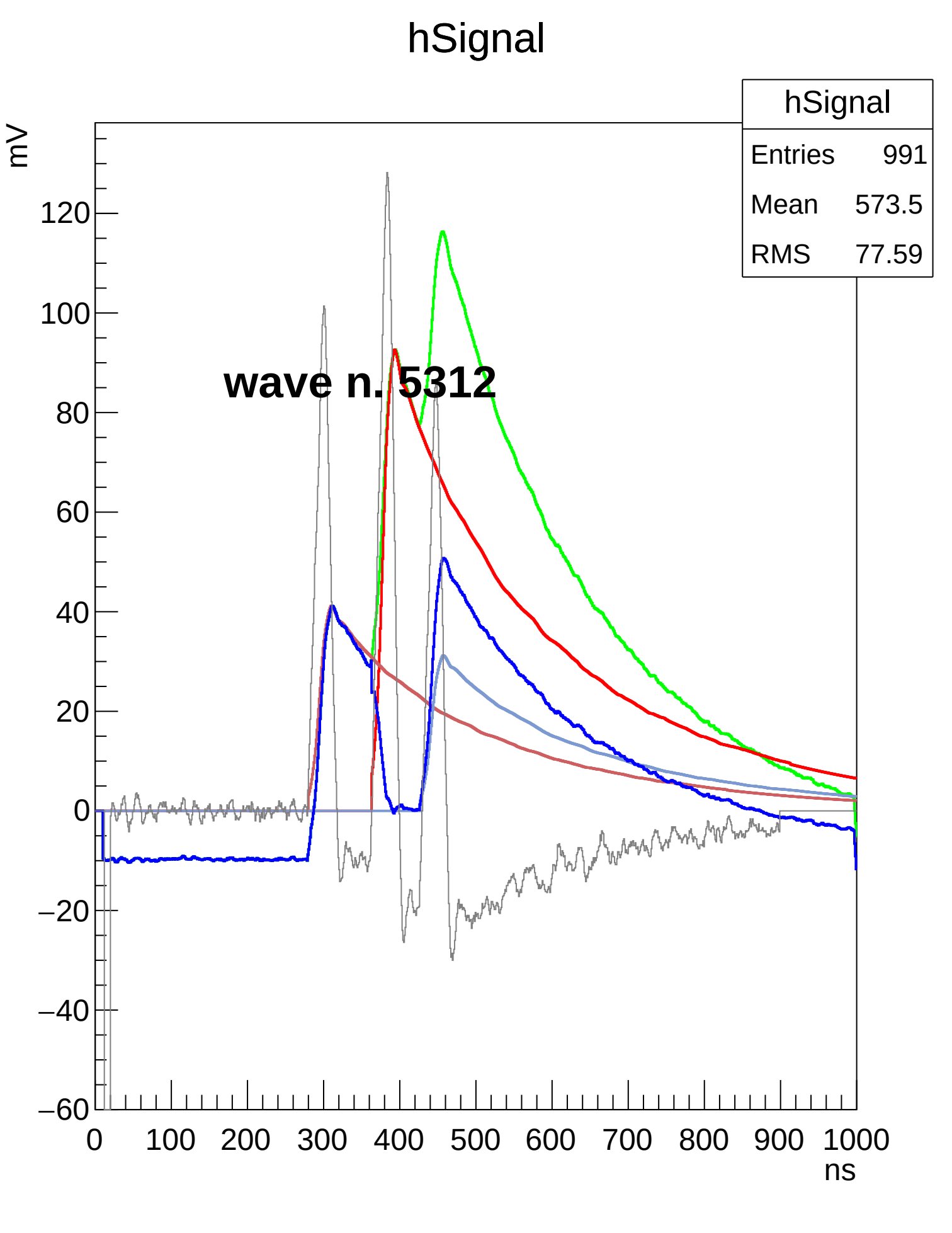
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 614.2
RMS 139.1
wave n. 5310
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 410.6
RMS 175.2
wave n. 5311
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.5
RMS 77.59
wave n. 5312
mV
120
100
80
60
40
20
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−20
−40
−60
0
100
200
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400
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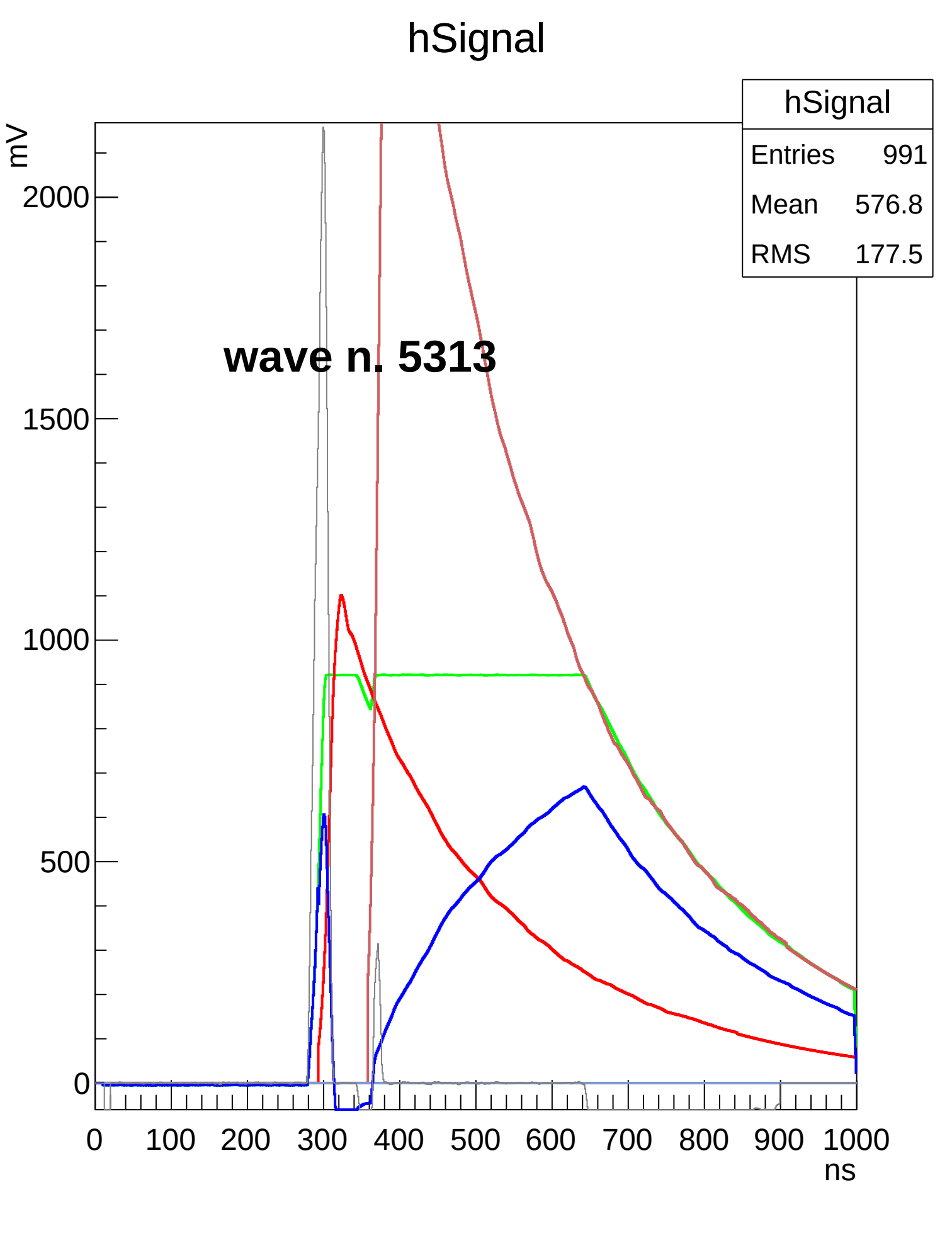
700
800
900
1000
ns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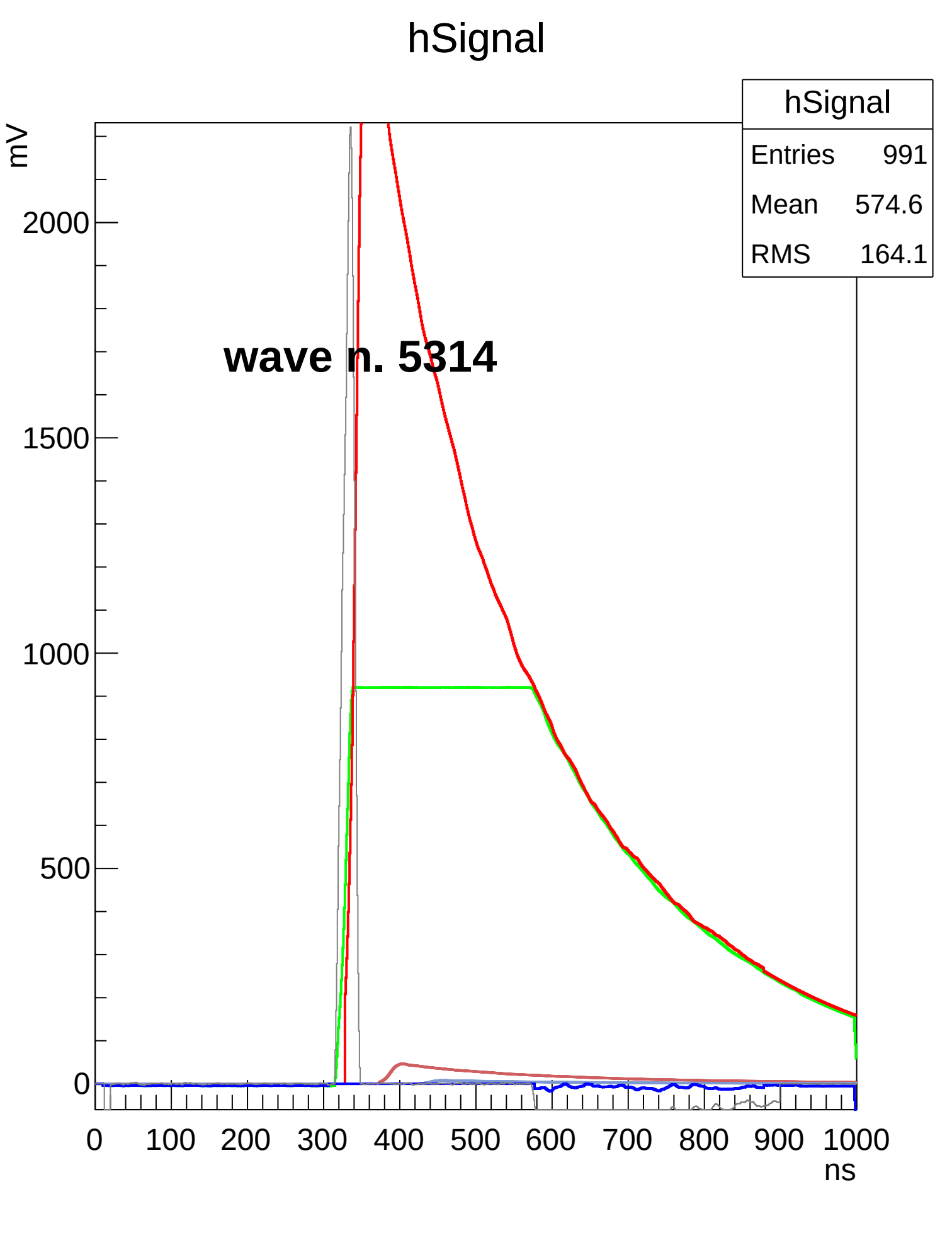
hSignal
Entries 991
Mean 576.8
RMS 177.5
wave n. 5313
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 574.6
RMS 164.1
wave n. 5314
mV
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1000
500
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400
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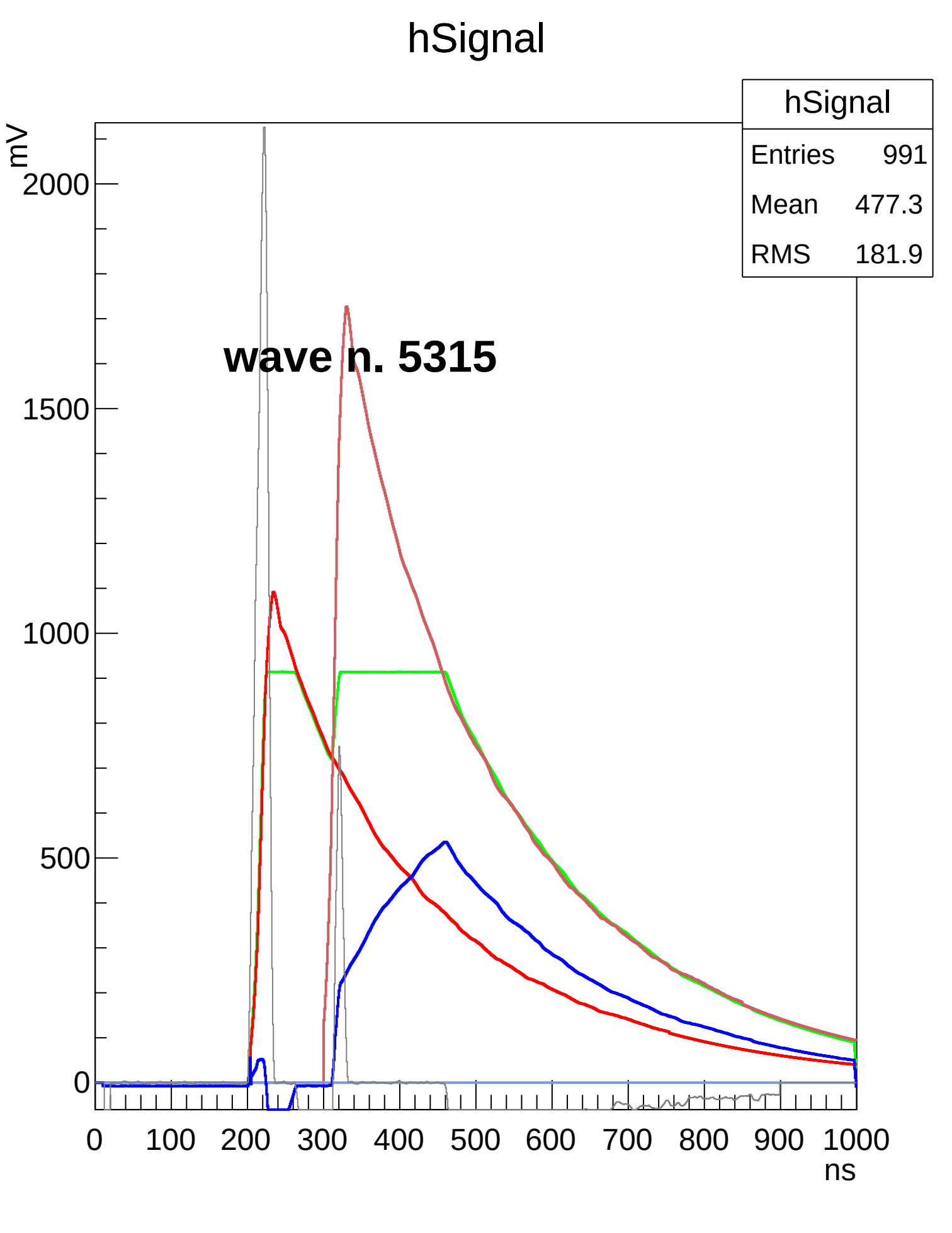
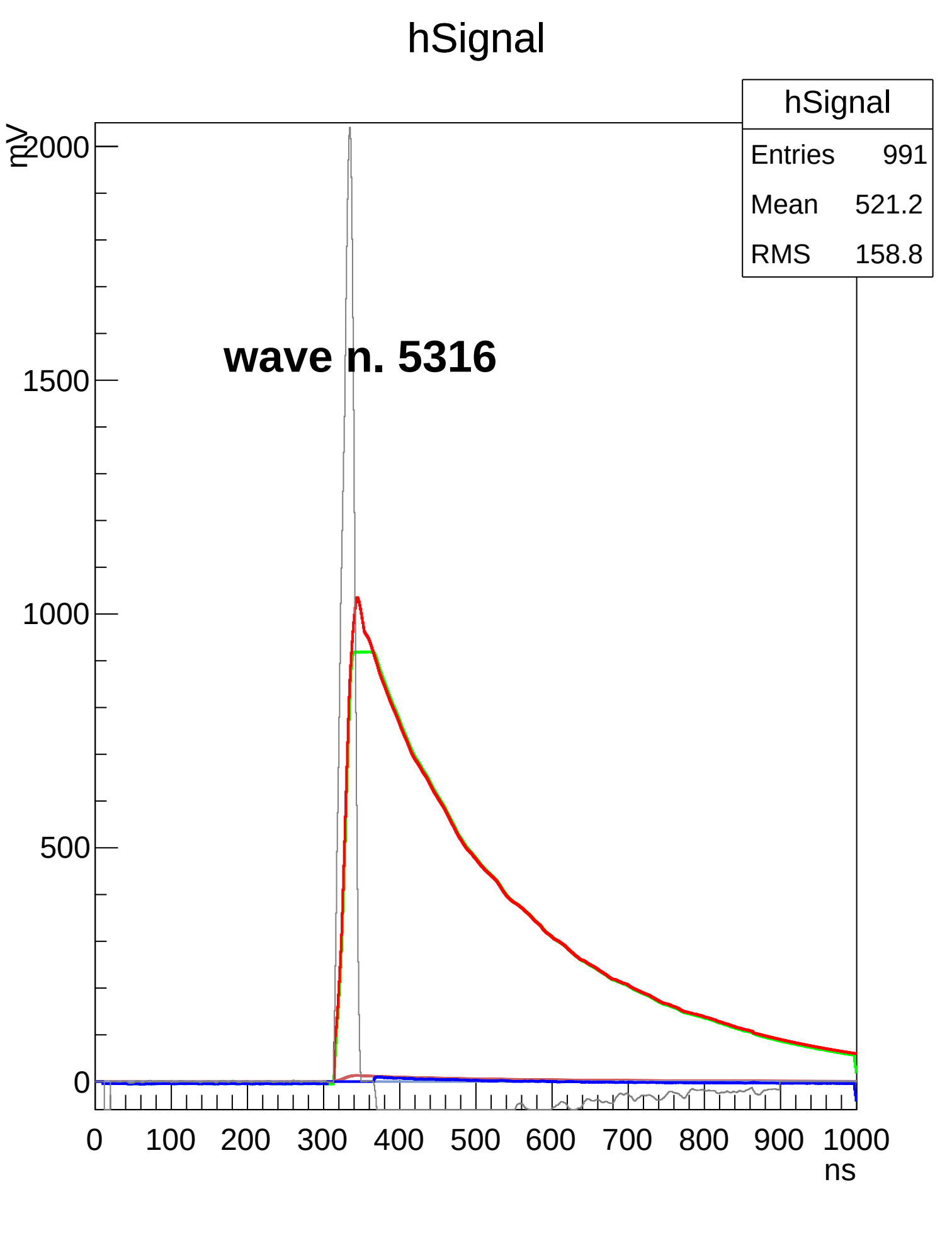
1000
ns


hSignal
hSignal
Entries 991
Mean 477.3
RMS 181.9
wave n. 5315
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 521.2
RMS 158.8
wave n. 5316
mV
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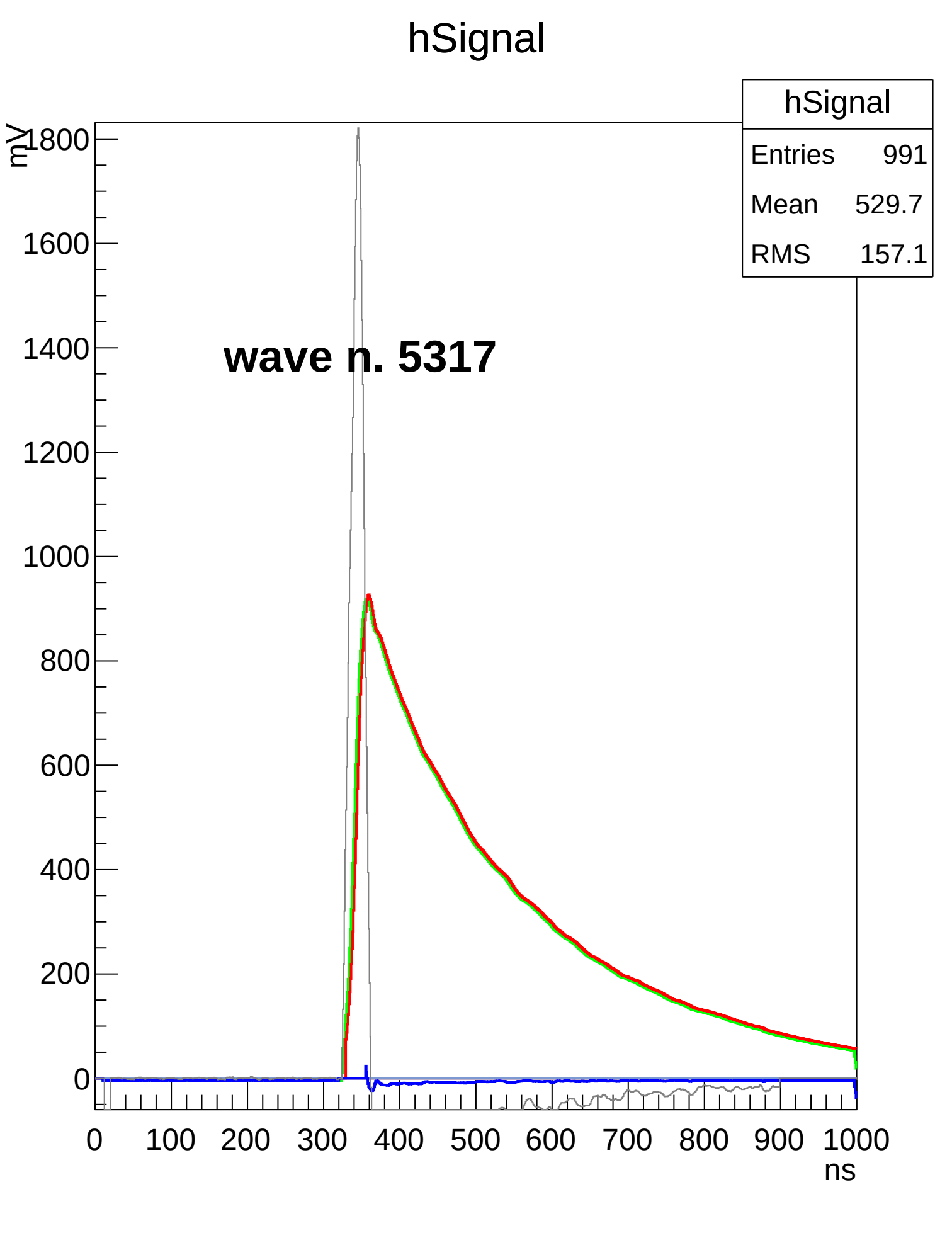
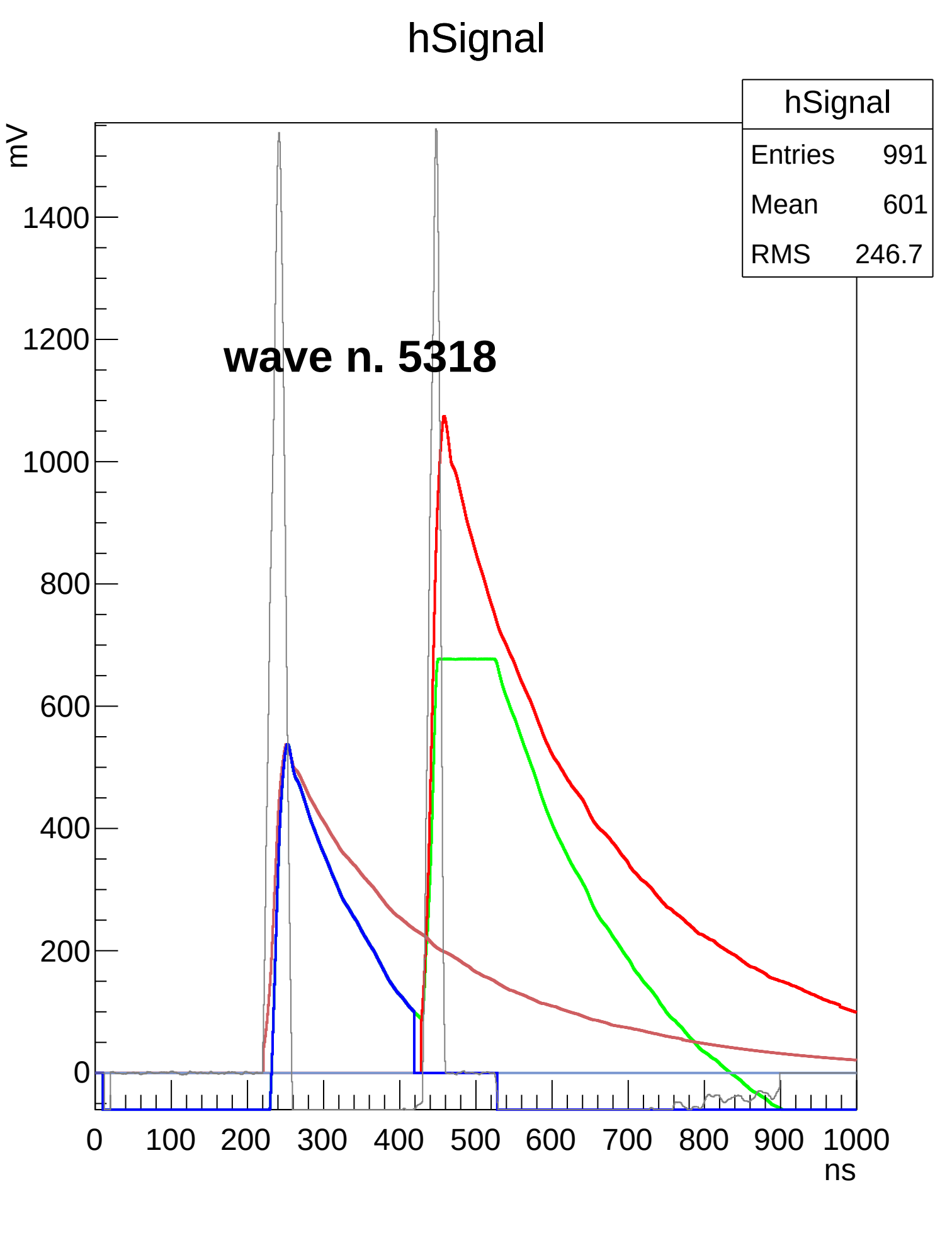
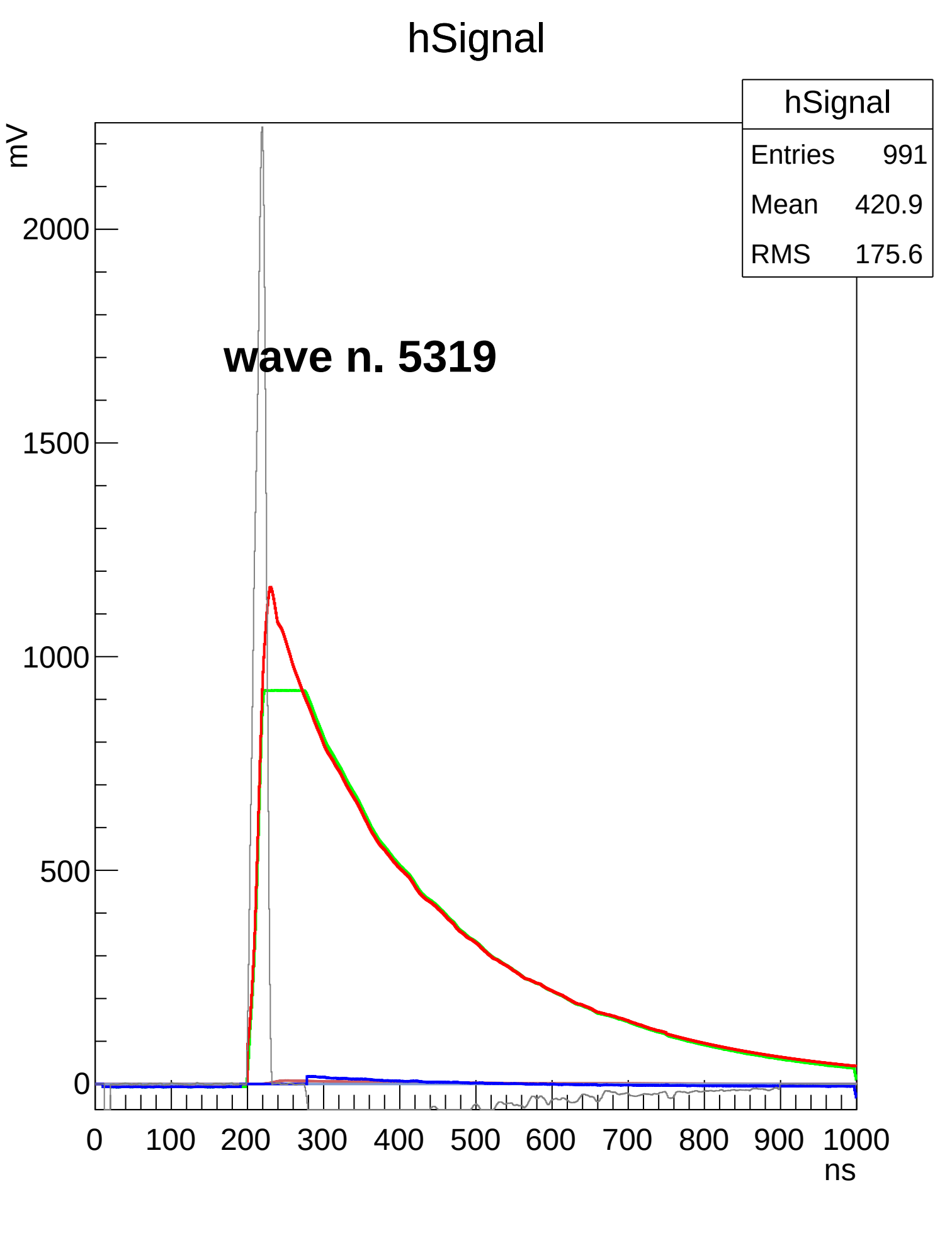
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 529.7
RMS 157.1
wave n. 5317
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 601
RMS 246.7
wave n. 5318
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 420.9
RMS 175.6
wave n. 5319
mV
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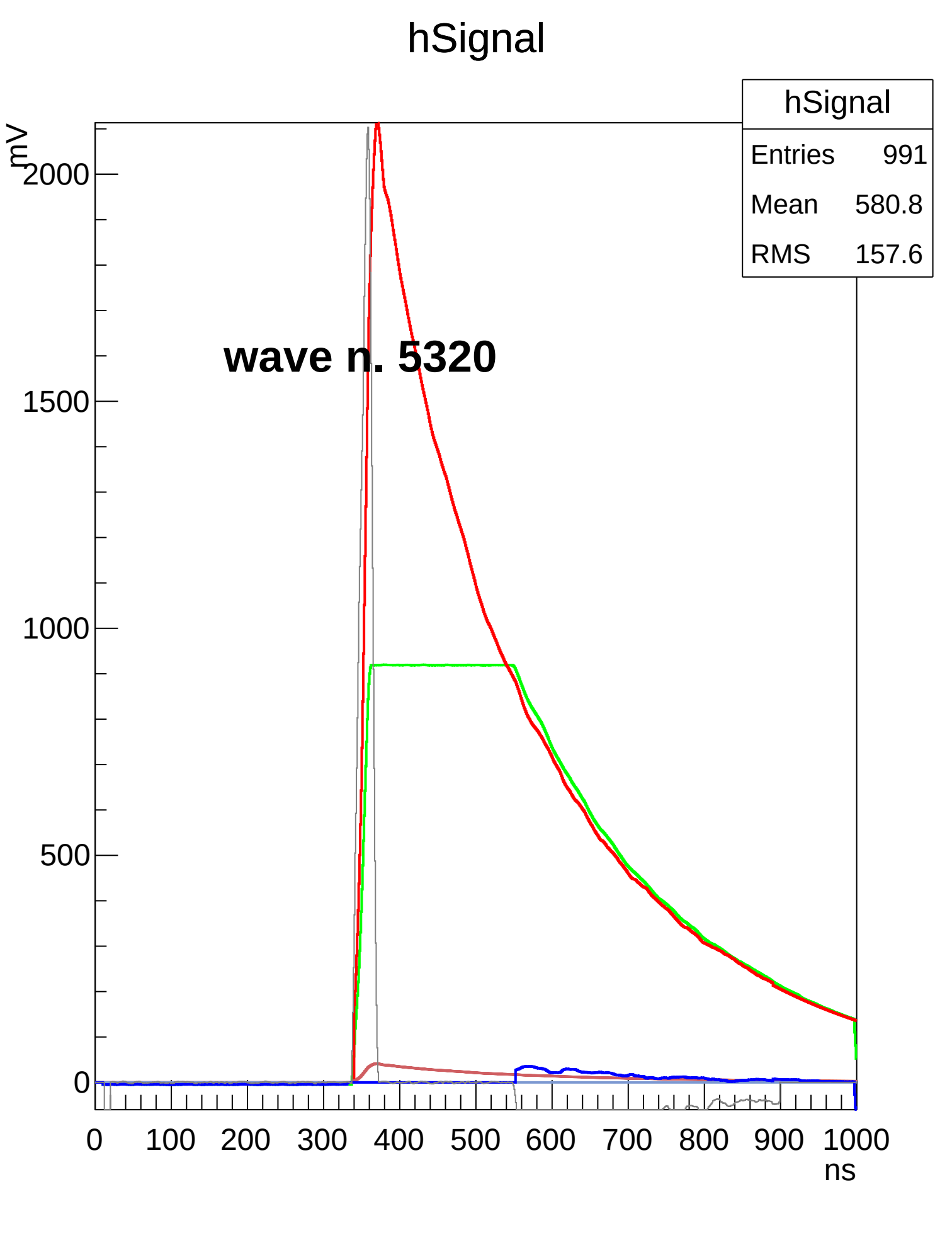
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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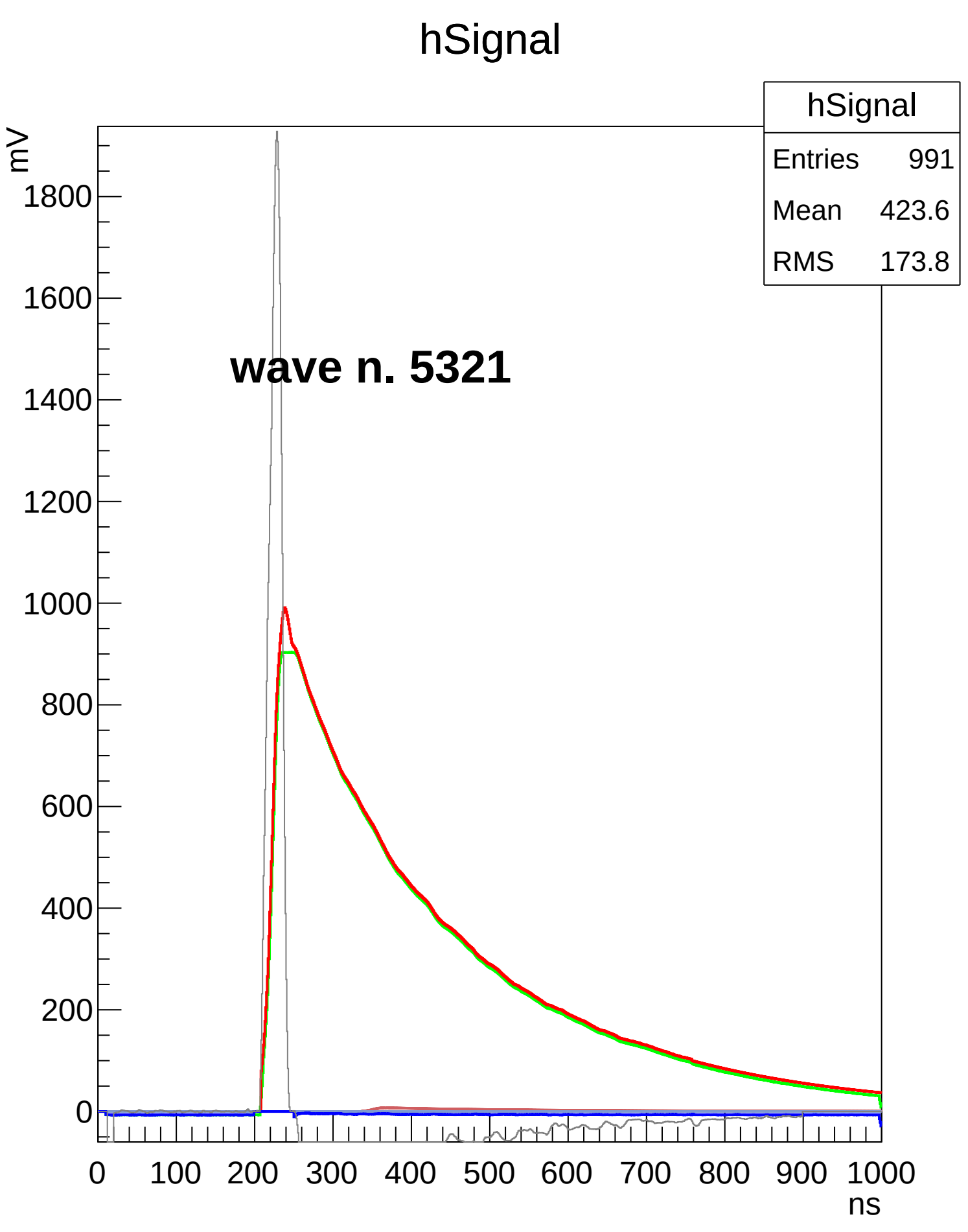
hSignal
Entries 991
Mean 580.8
RMS 157.6
wave n. 5320
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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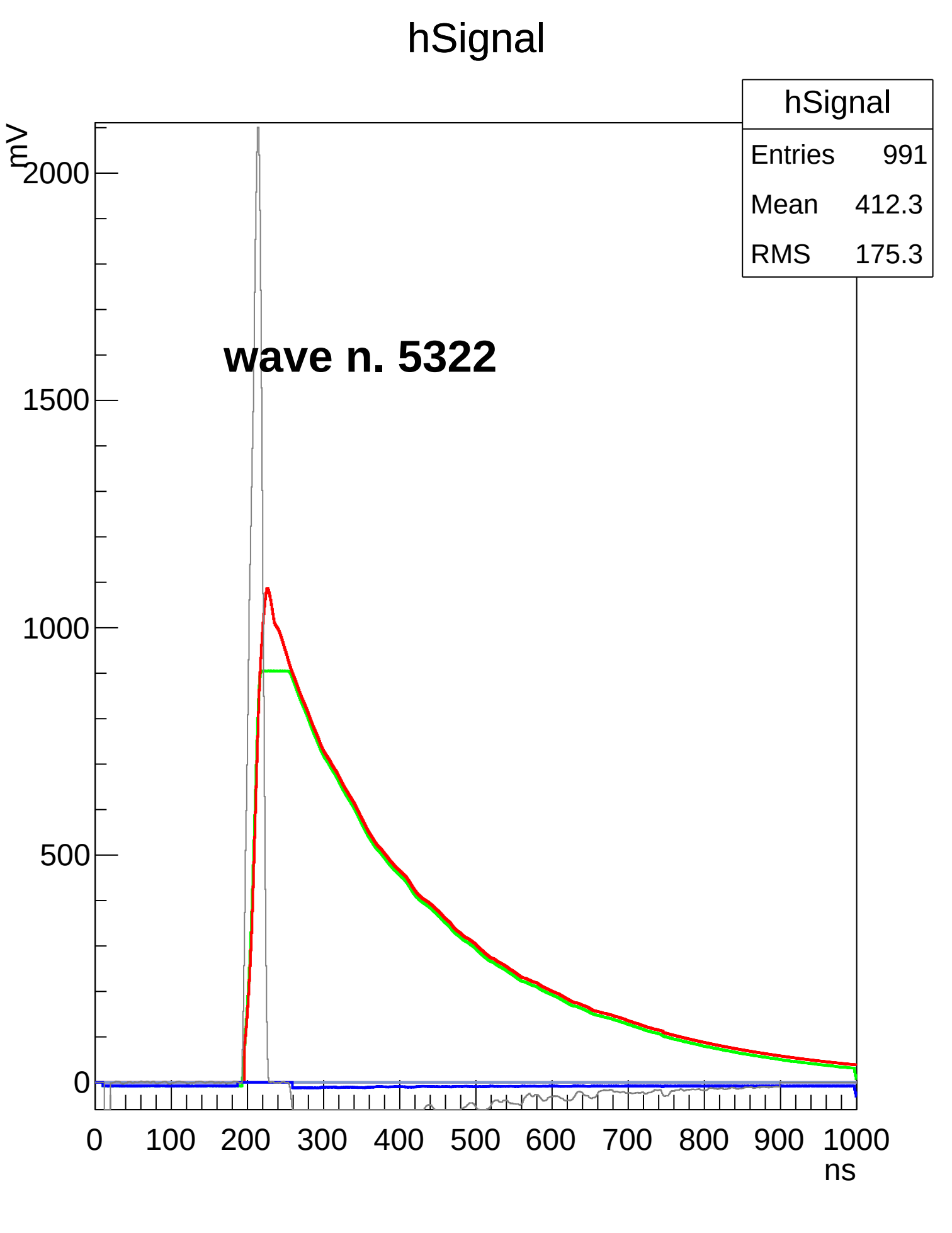
hSignal
Entries 991
Mean 423.6
RMS 173.8
wave n. 5321
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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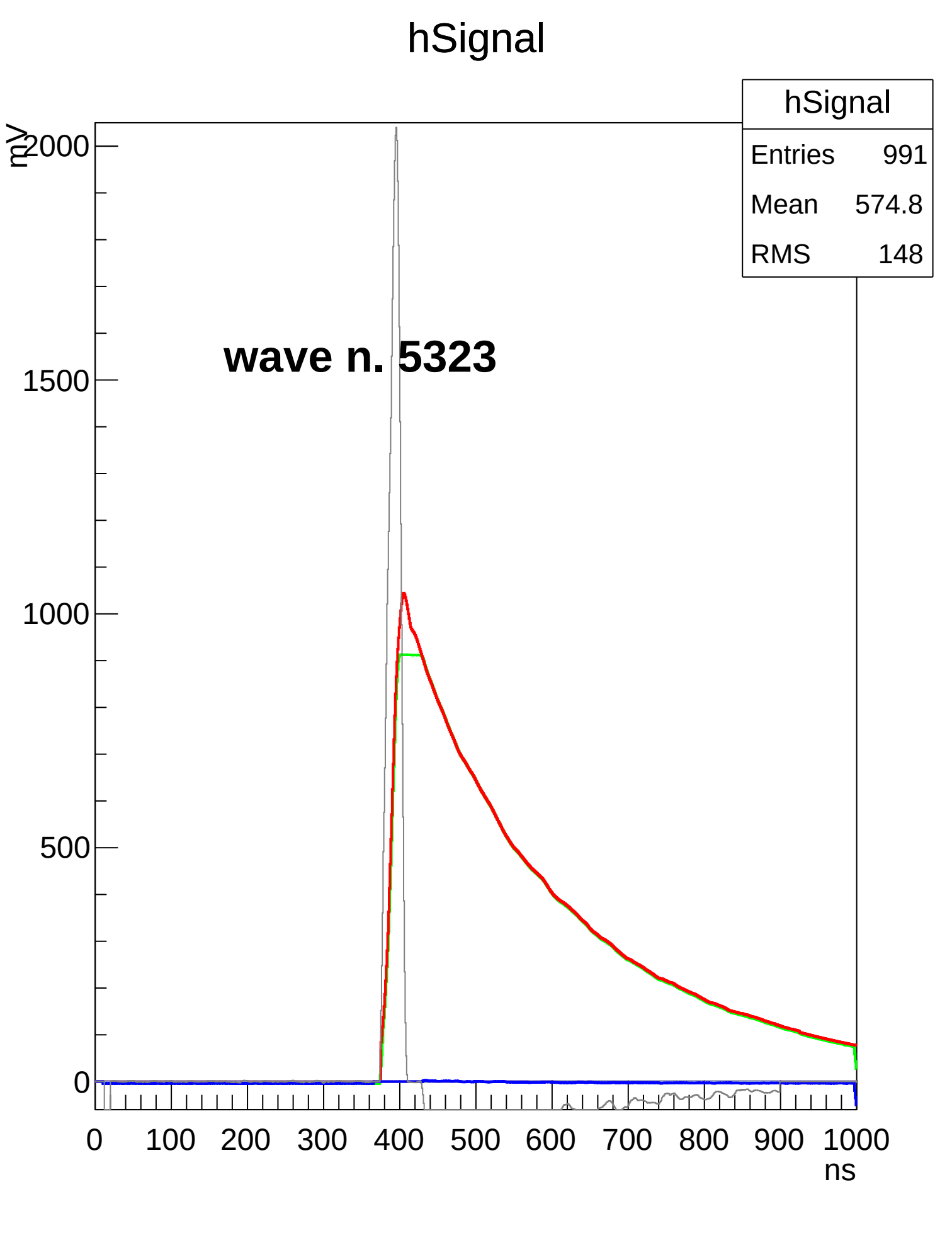
Entries 991
Mean 412.3
RMS 175.3
wave n. 5322
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 574.8
RMS 148
wave n. 5323
mV
2000
1500
1000
500
0
0
100
200
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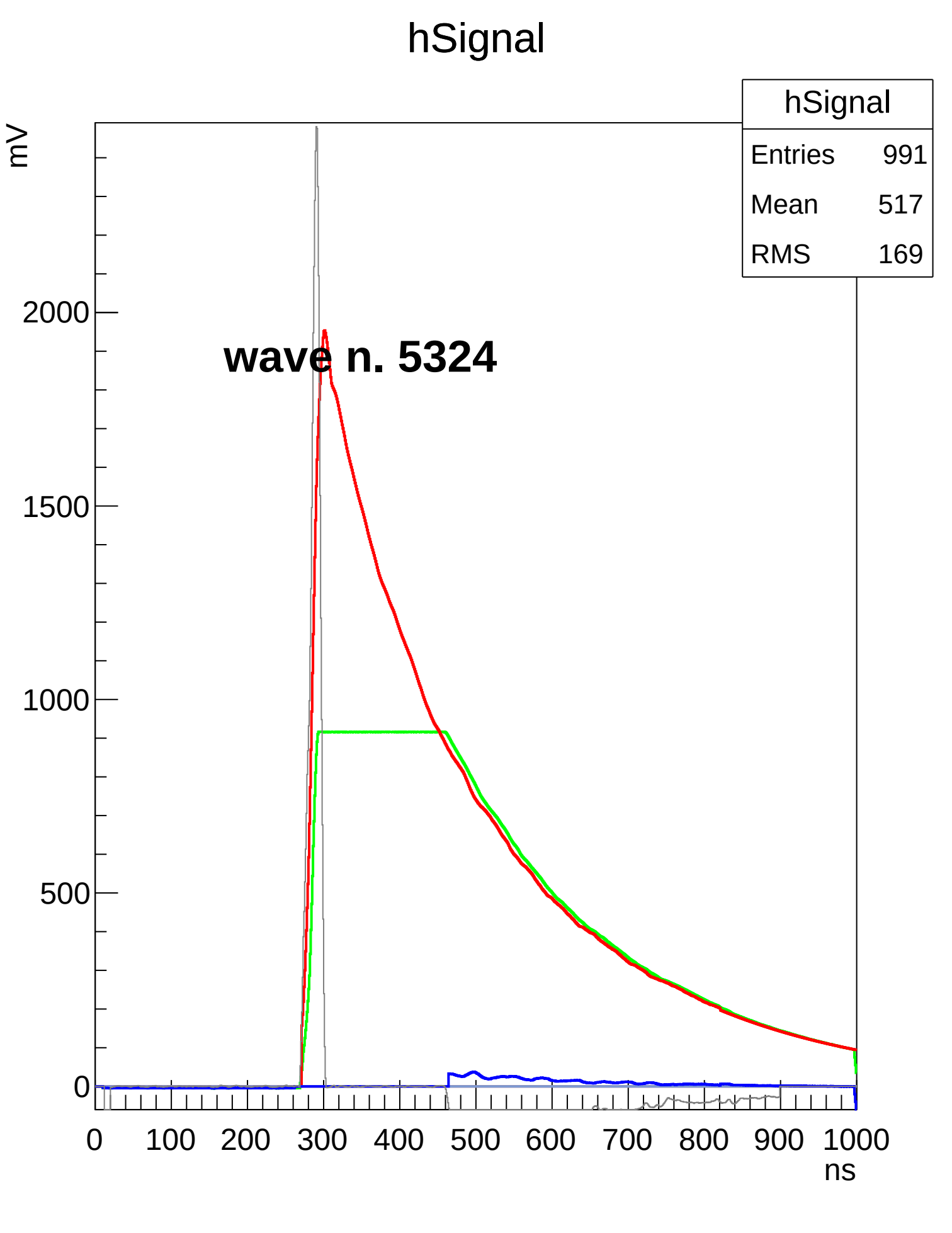
700
800
900
1000
ns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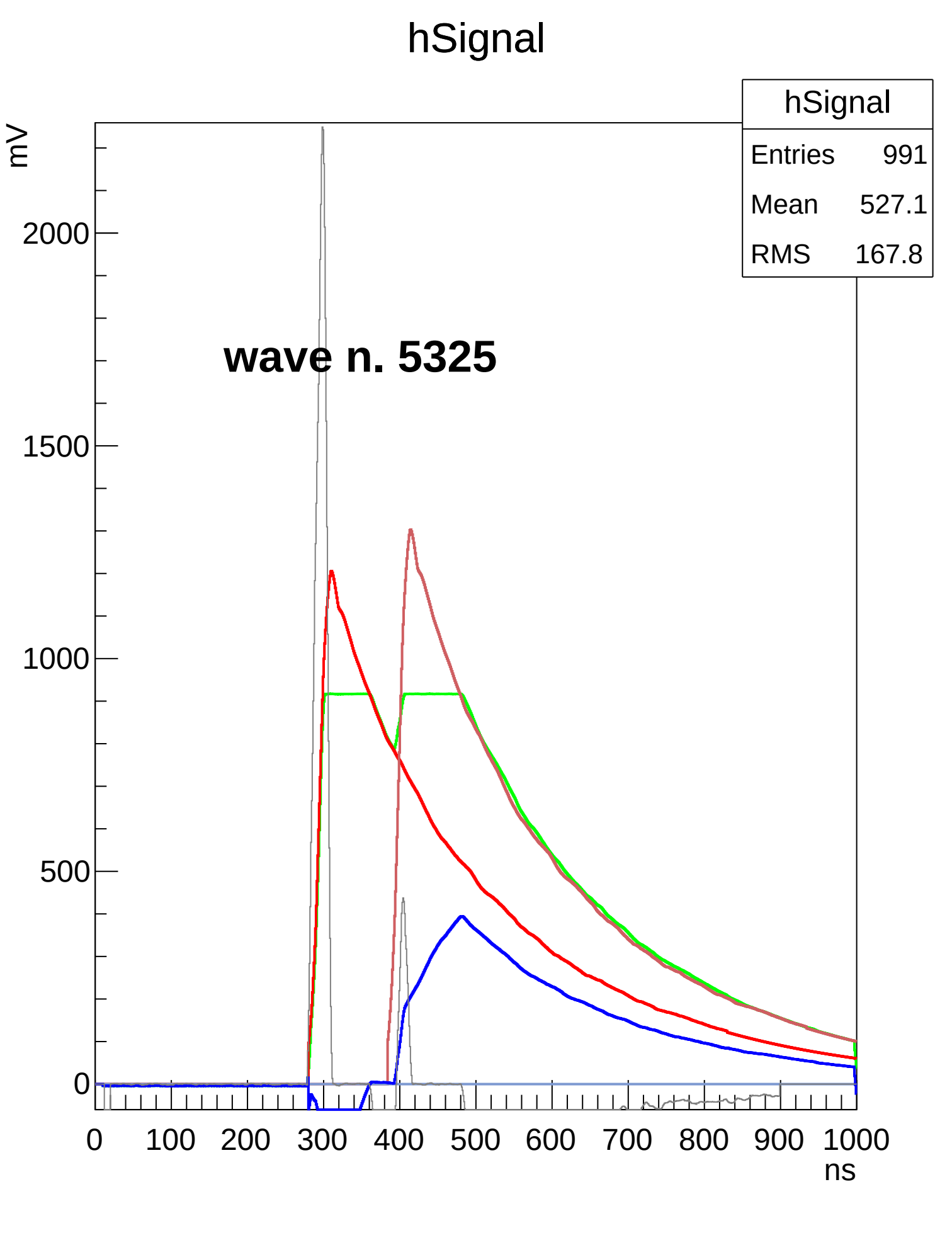
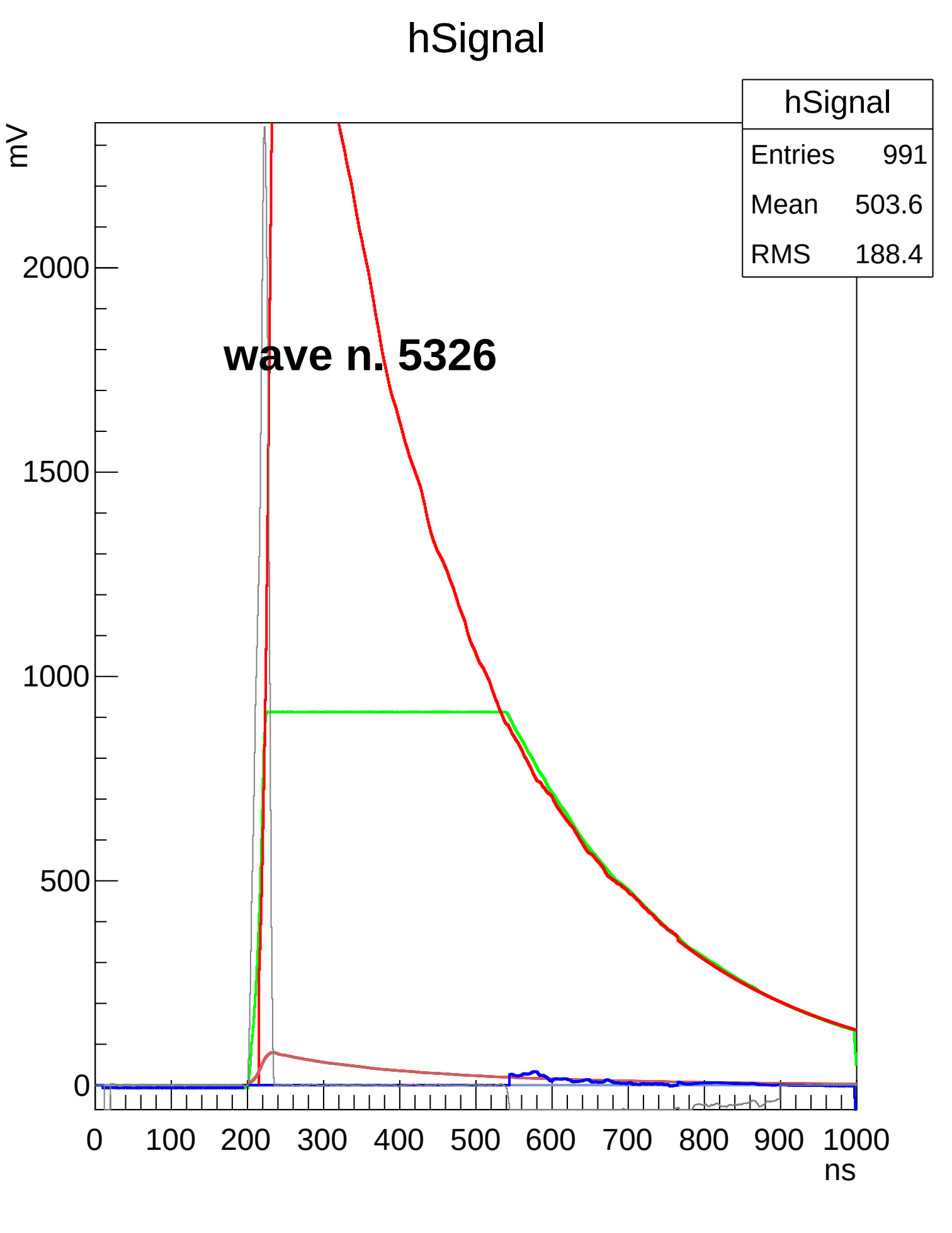
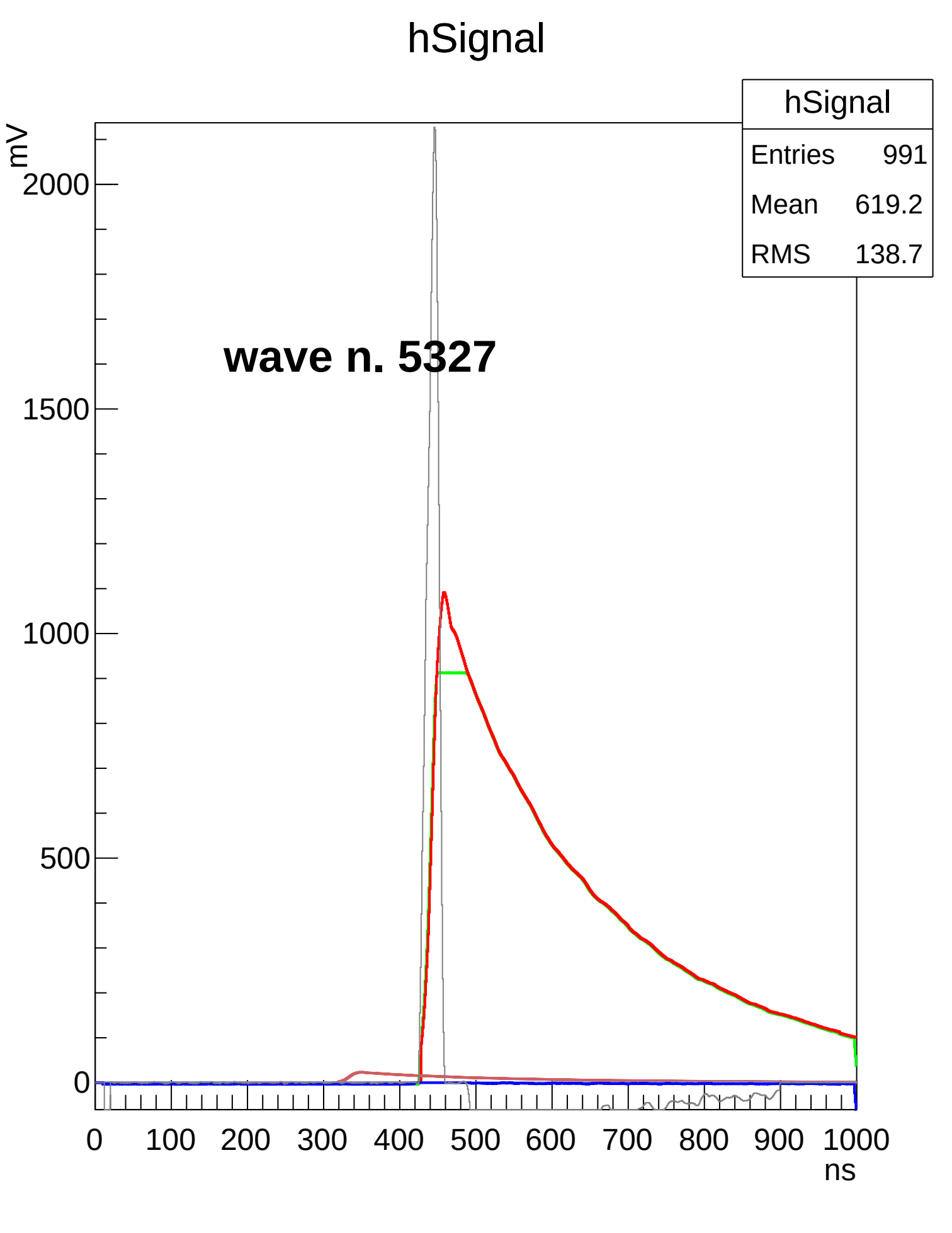
hSignal
Entries 991
Mean 517
RMS 169
wave n. 5324
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 527.1
RMS 167.8
wave n. 5325
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 503.6
RMS 188.4
wave n. 5326
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 619.2
RMS 138.7
wave n. 5327
mV
2000
1500
1000
500
0
0
100
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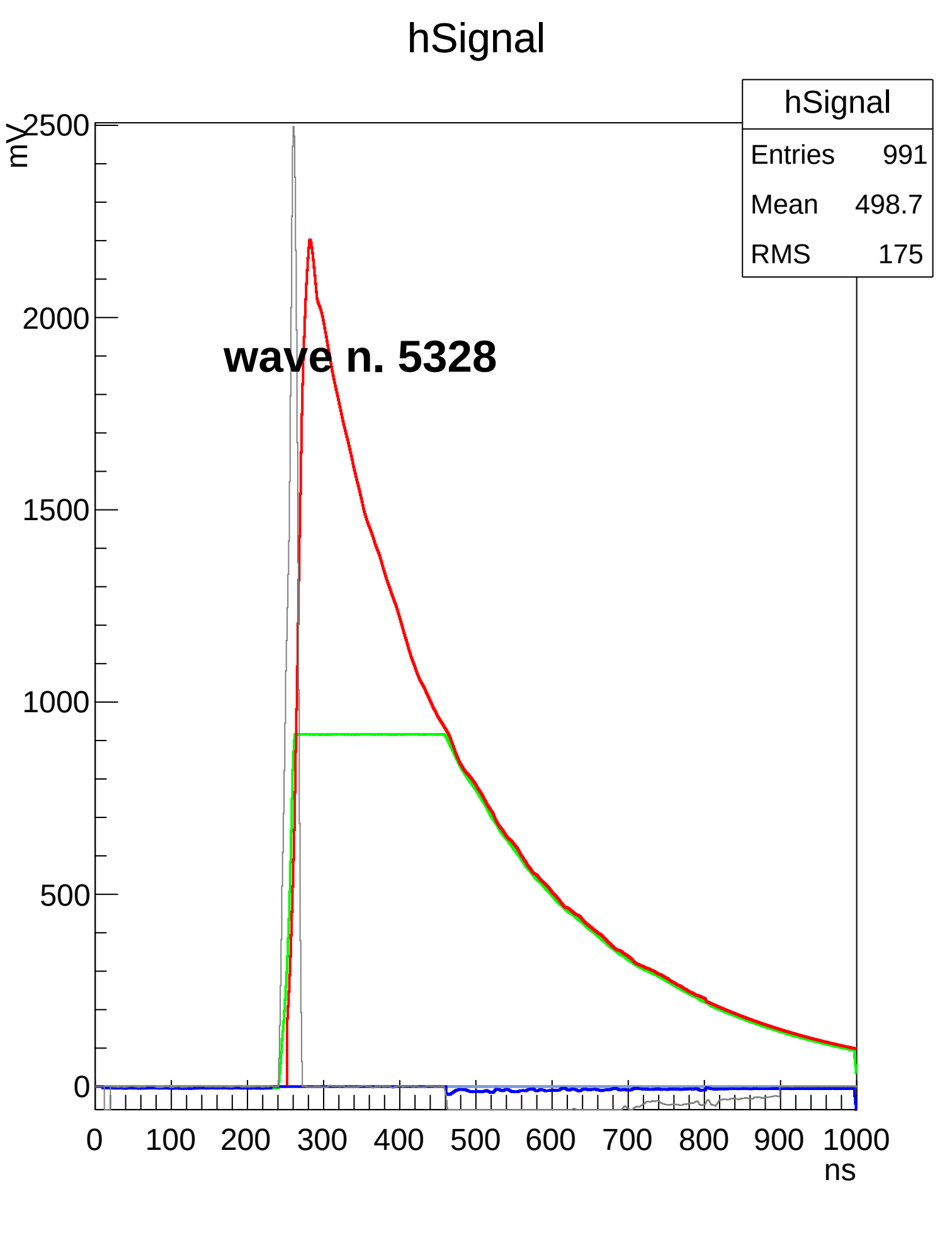
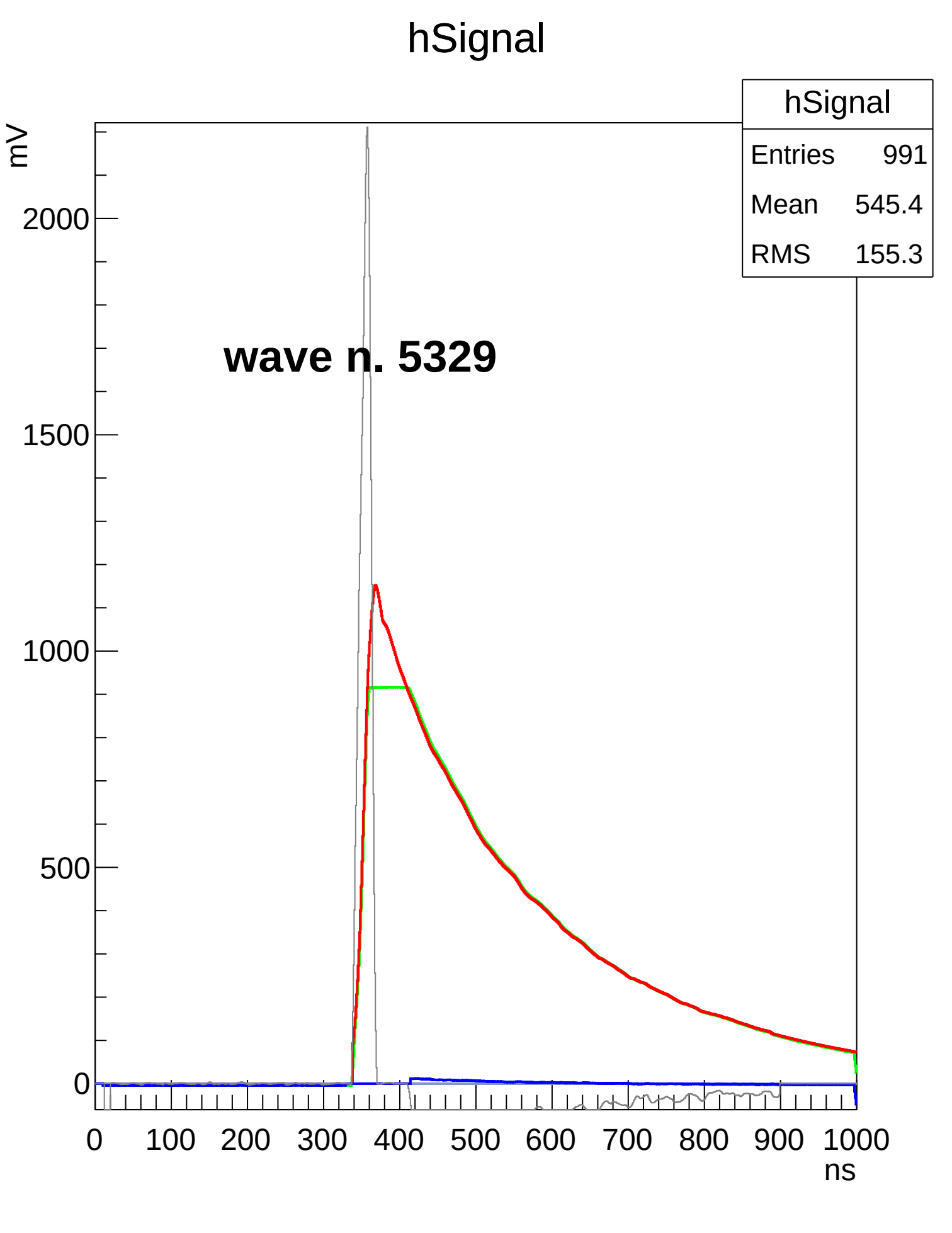
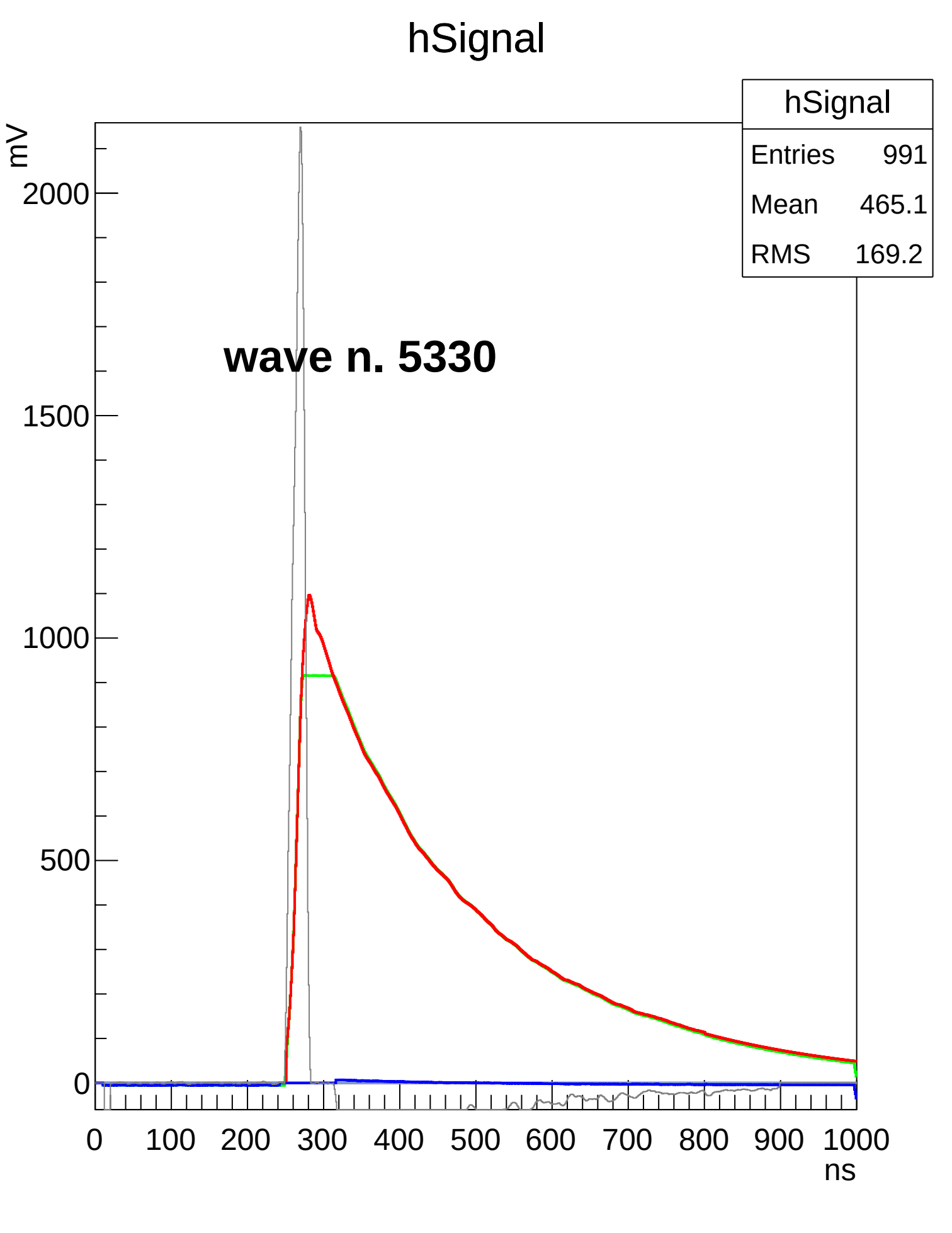
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 498.7
RMS 175
wave n. 5328
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 545.4
RMS 155.3
wave n. 5329
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 465.1
RMS 169.2
wave n. 5330
mV
2000
1500
1000
500
0
0
100
200
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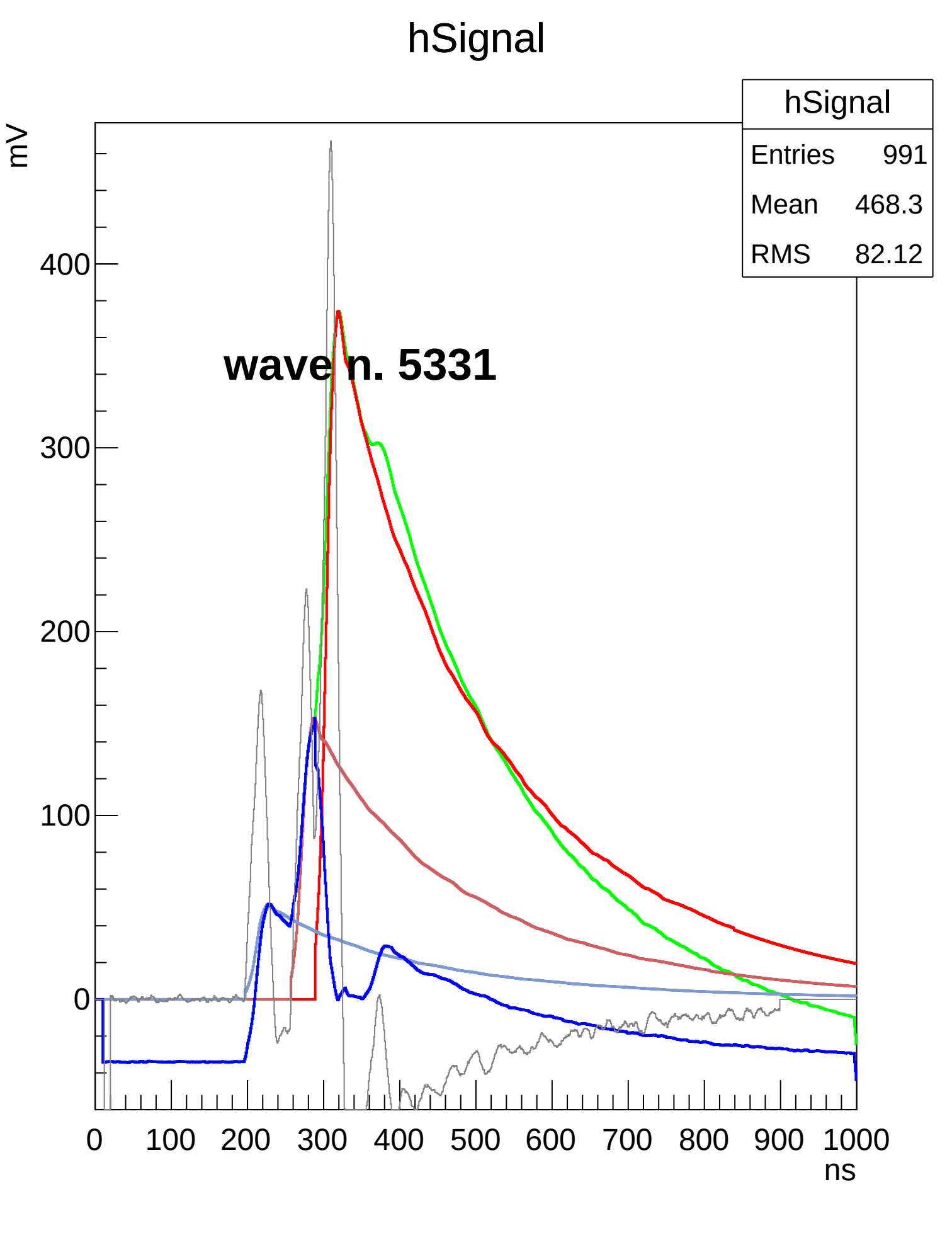
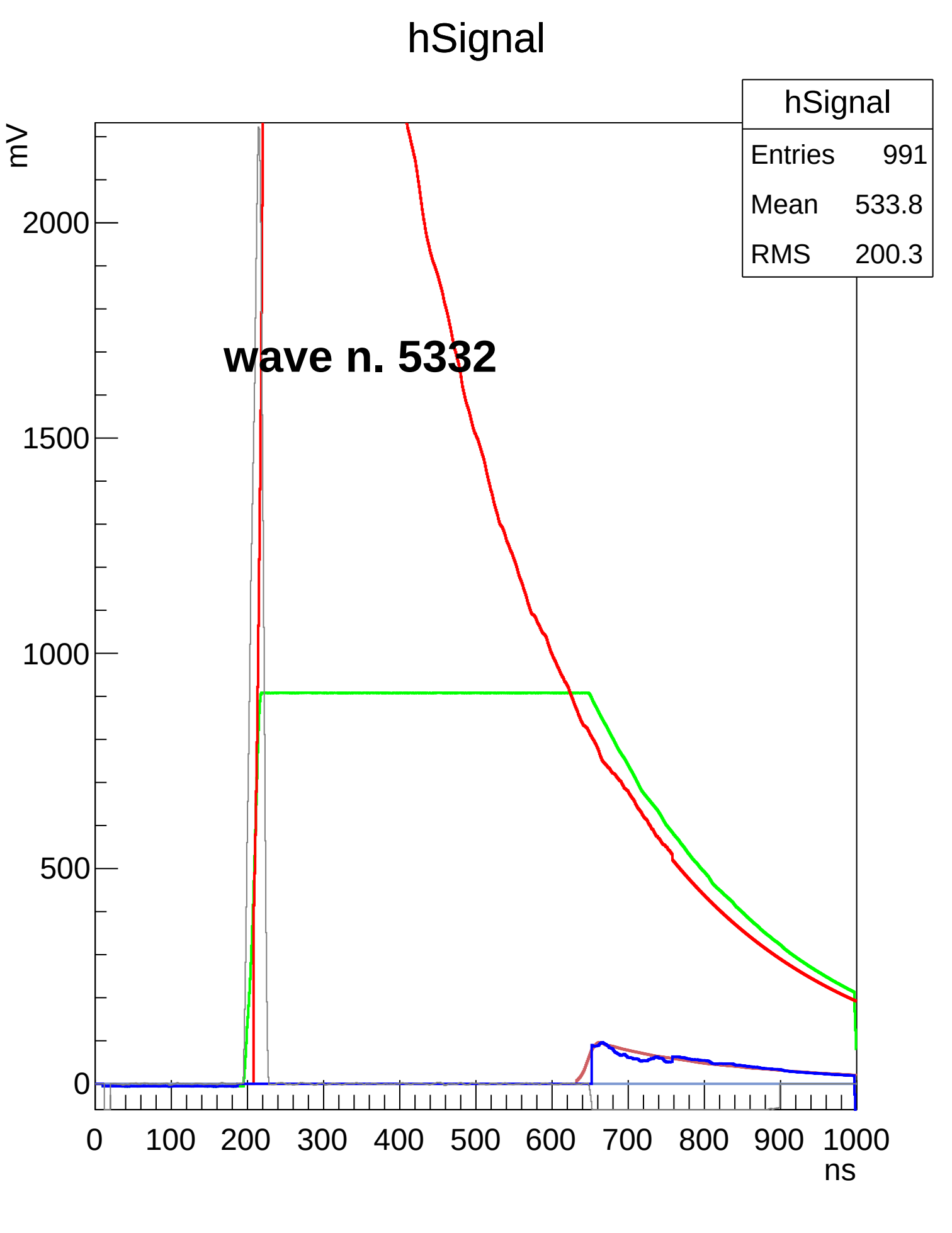
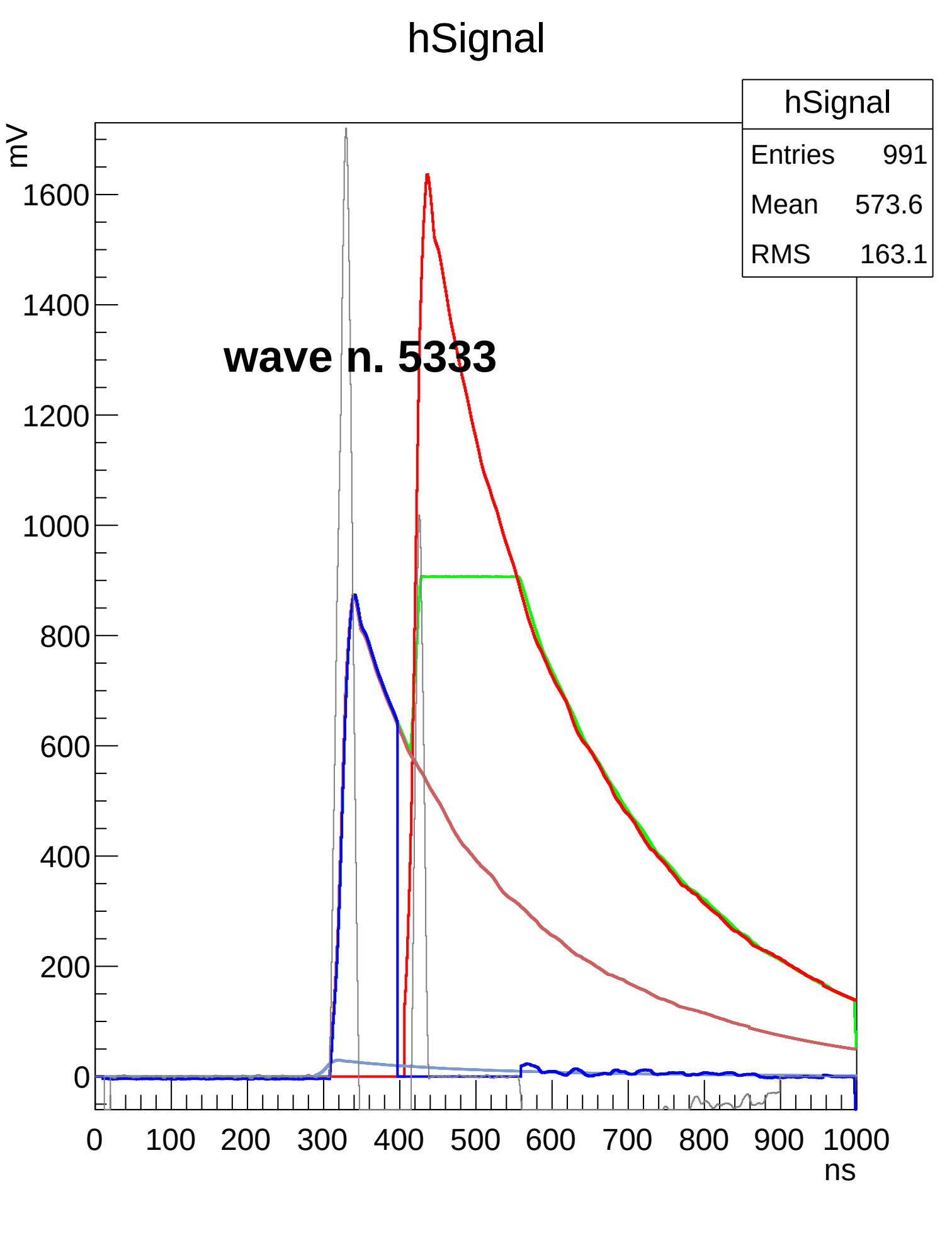
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 468.3
RMS 82.12
wave n. 5331
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 533.8
RMS 200.3
wave n. 5332
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.6
RMS 163.1
wave n. 5333
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
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400
500
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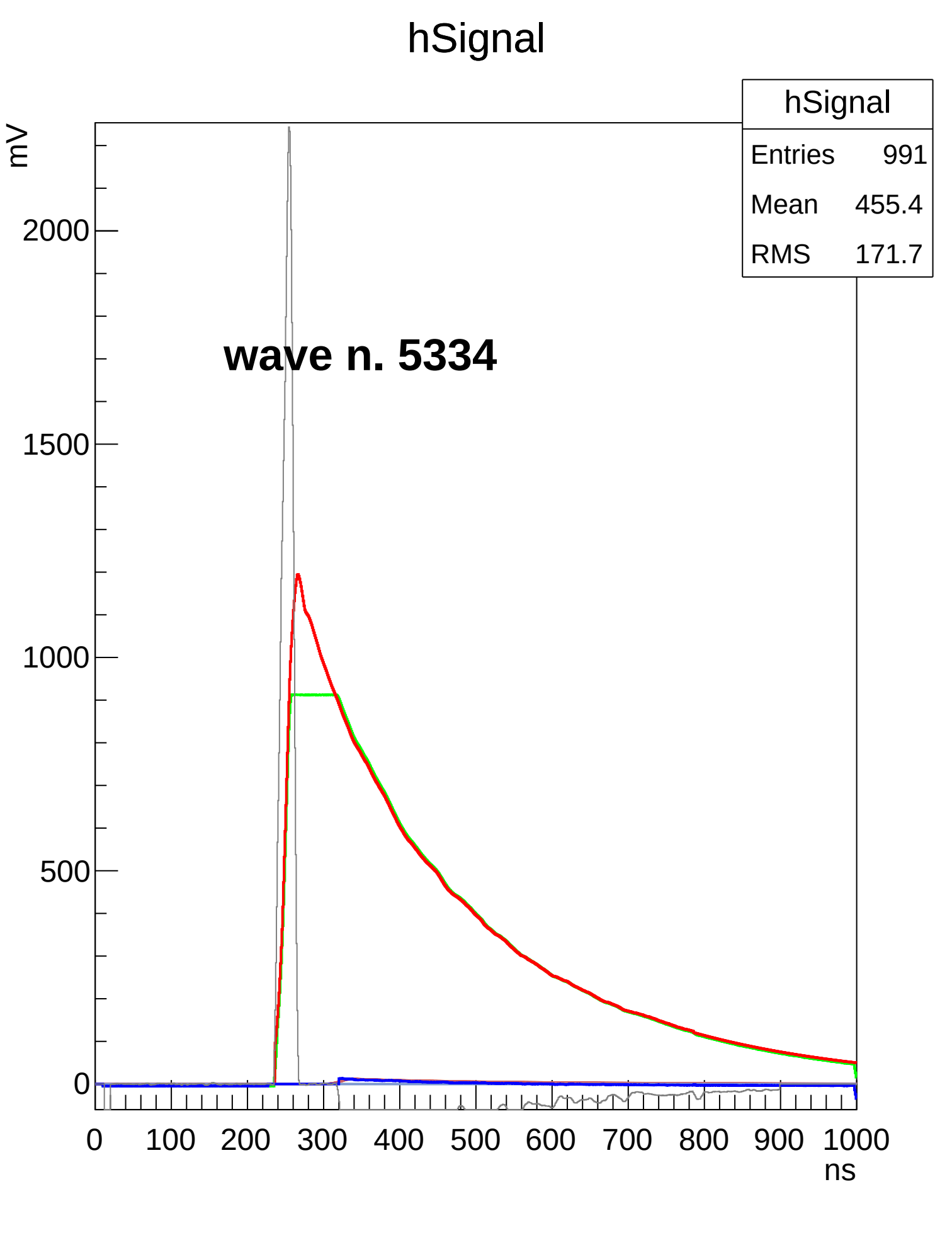
1000
ns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hSignal
Entries 991
Mean 455.4
RMS 171.7
wave n. 5334
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1500
1000
500
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0
100
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400
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600
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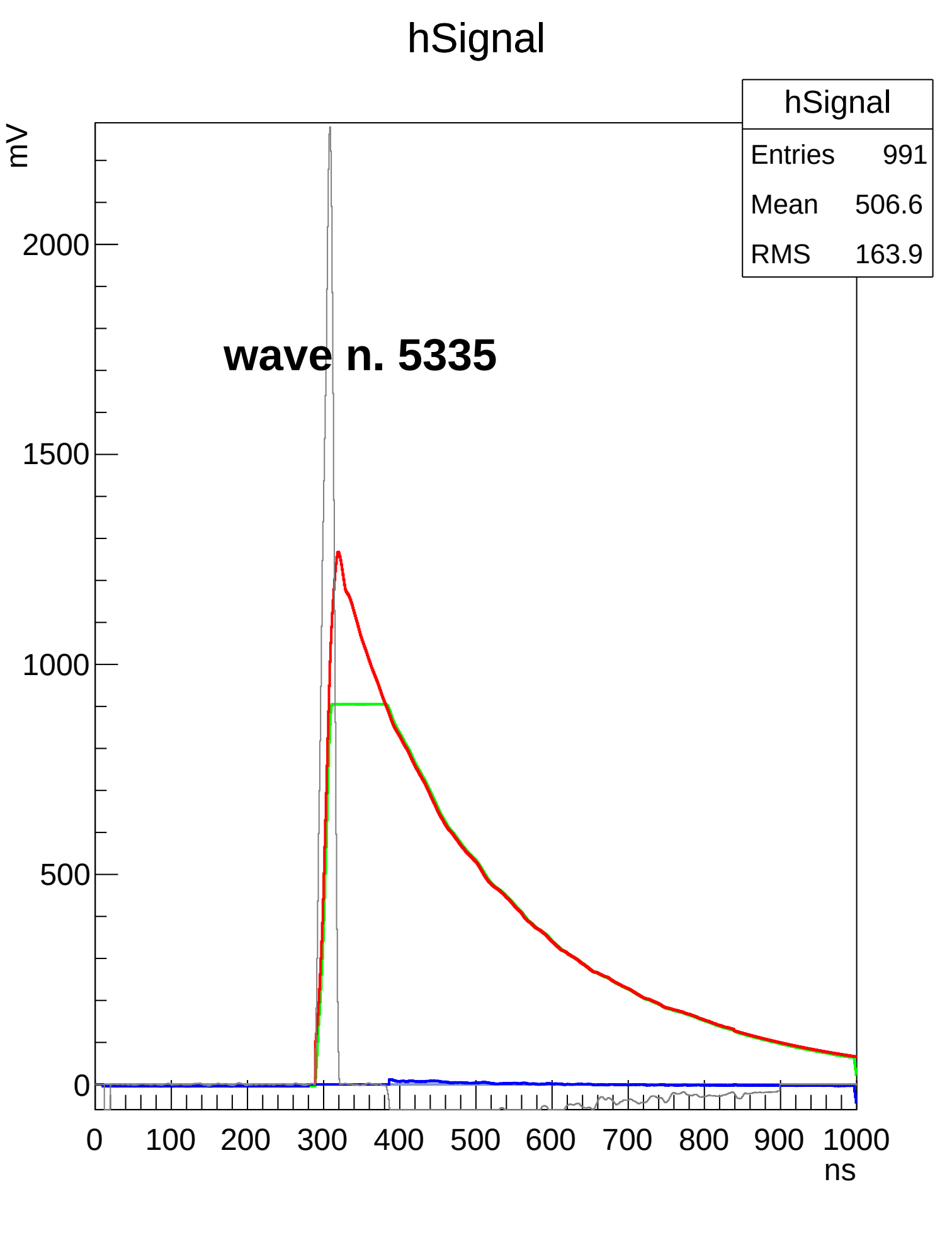
800
900
1000
ns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Mean 506.6
RMS 163.9
wave n. 5335
mV
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1500
1000
500
0
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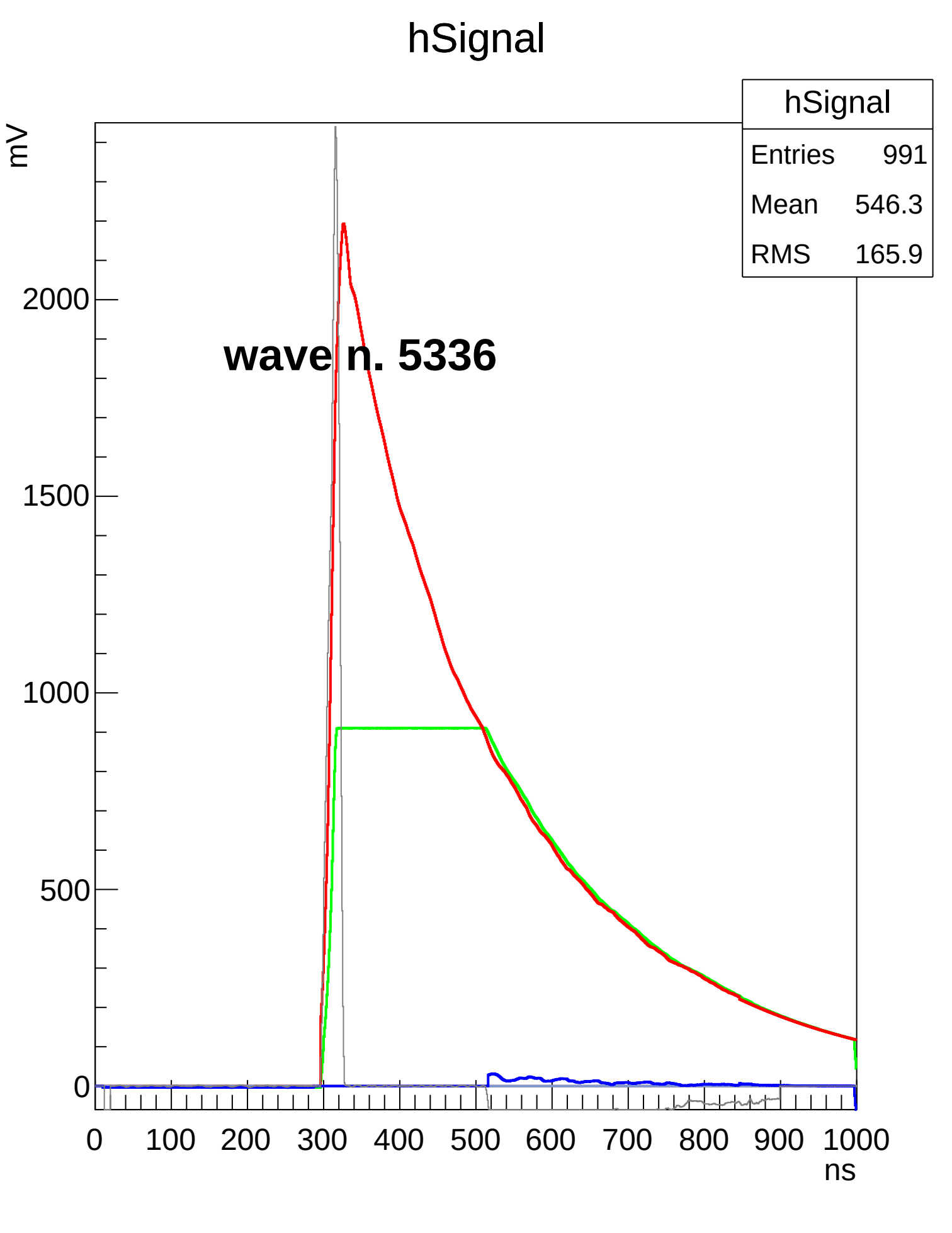
ns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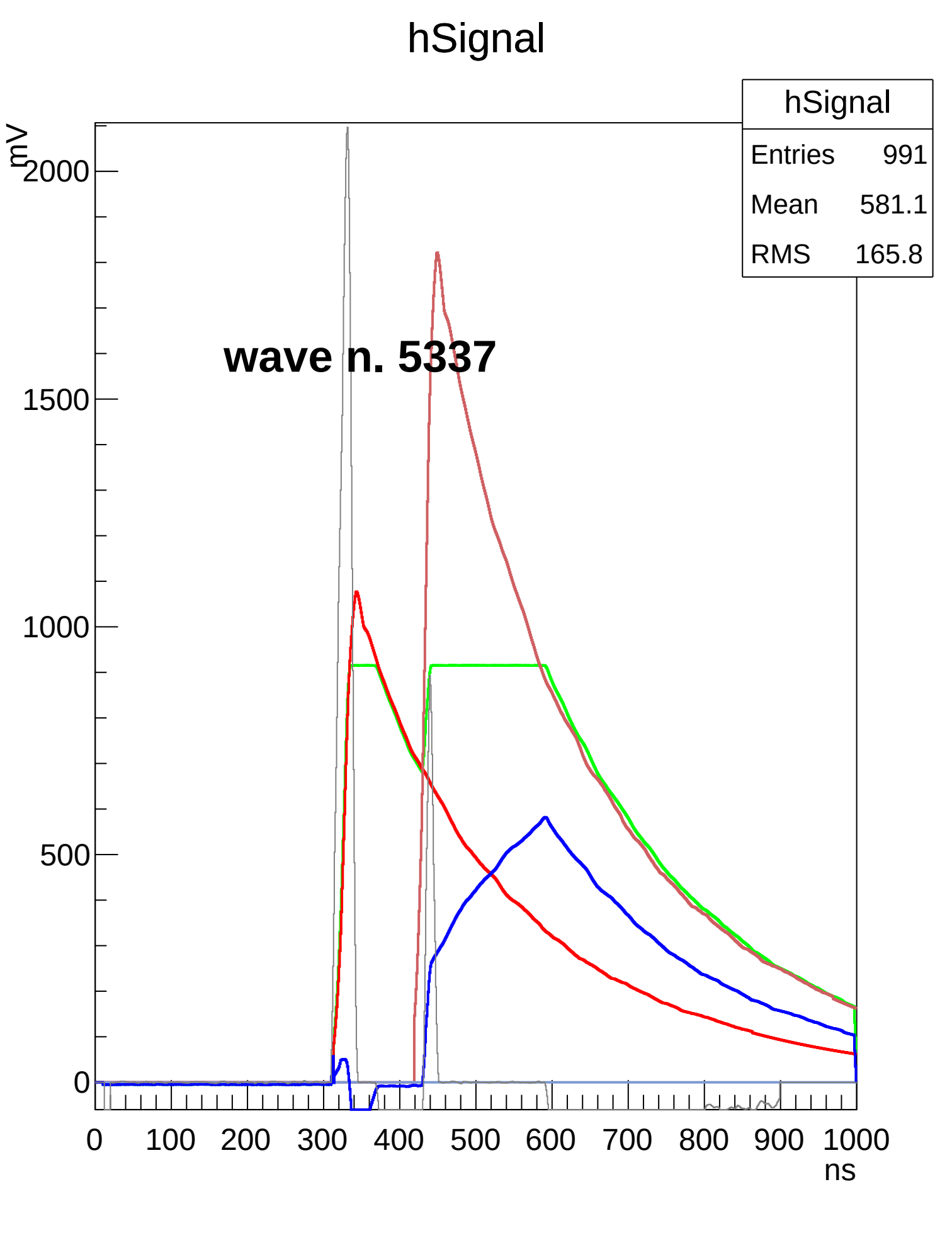
Entries 991
Mean 546.3
RMS 165.9
wave n. 5336
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 581.1
RMS 165.8
wave n. 5337
mV
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1000
500
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0
100
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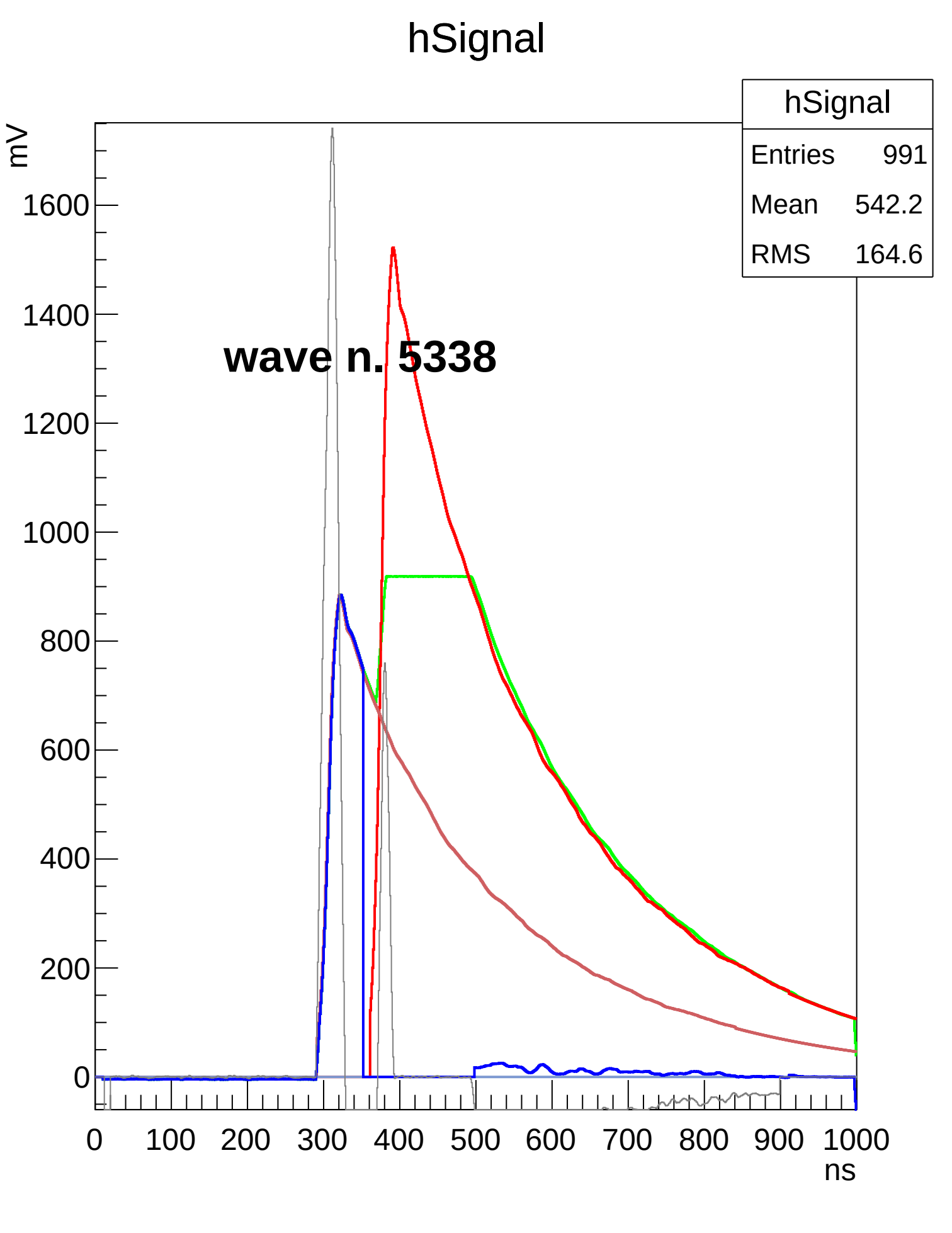
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.2
RMS 164.6
wave n. 5338
mV
1600
1400
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1000
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600
400
200
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0
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200
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400
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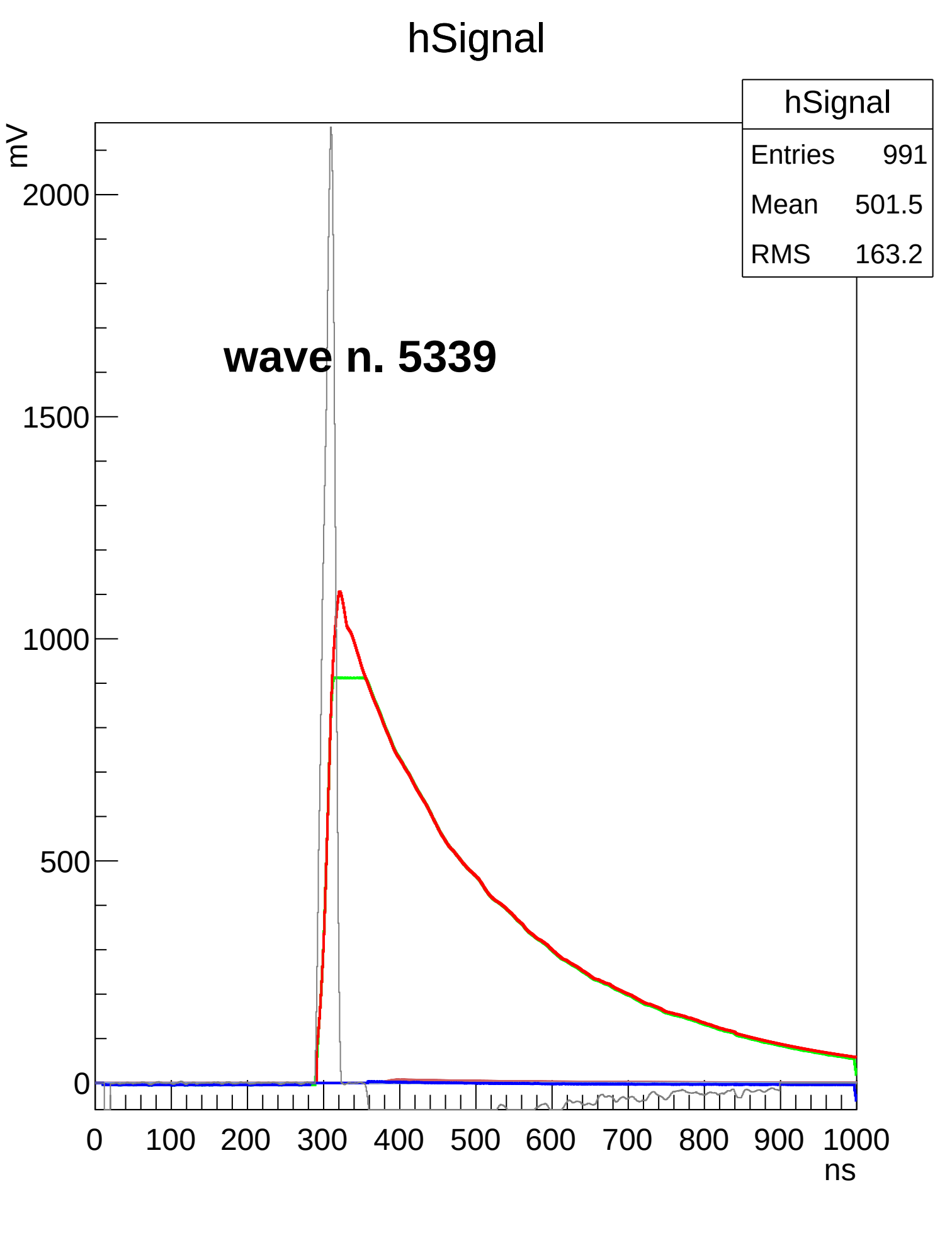
1000
ns


hSignal
hSignal
Entries 991
Mean 501.5
RMS 163.2
wave n. 5339
mV
2000
1500
1000
500
0
0
100
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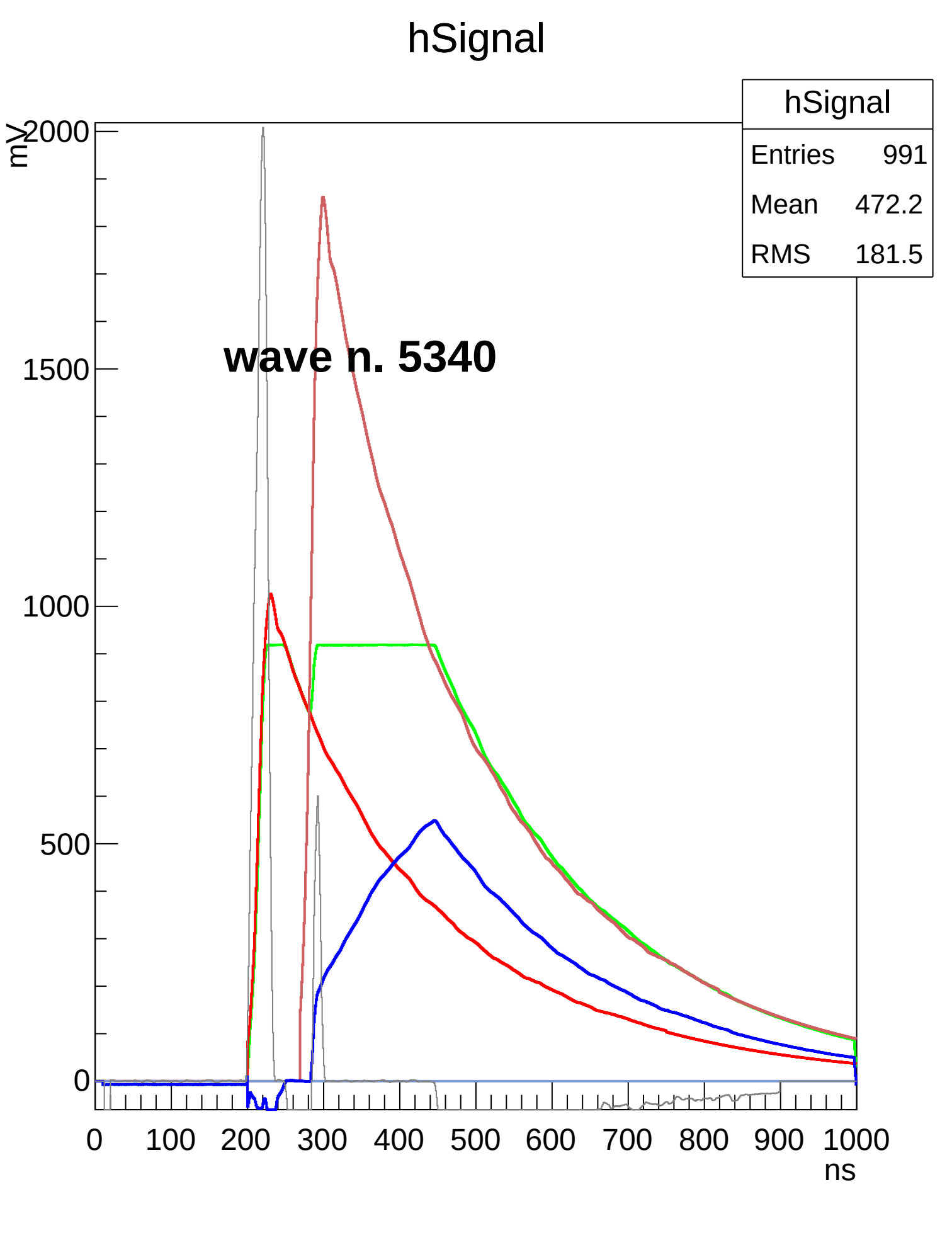
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 472.2
RMS 181.5
wave n. 5340
mV
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1500
1000
500
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0
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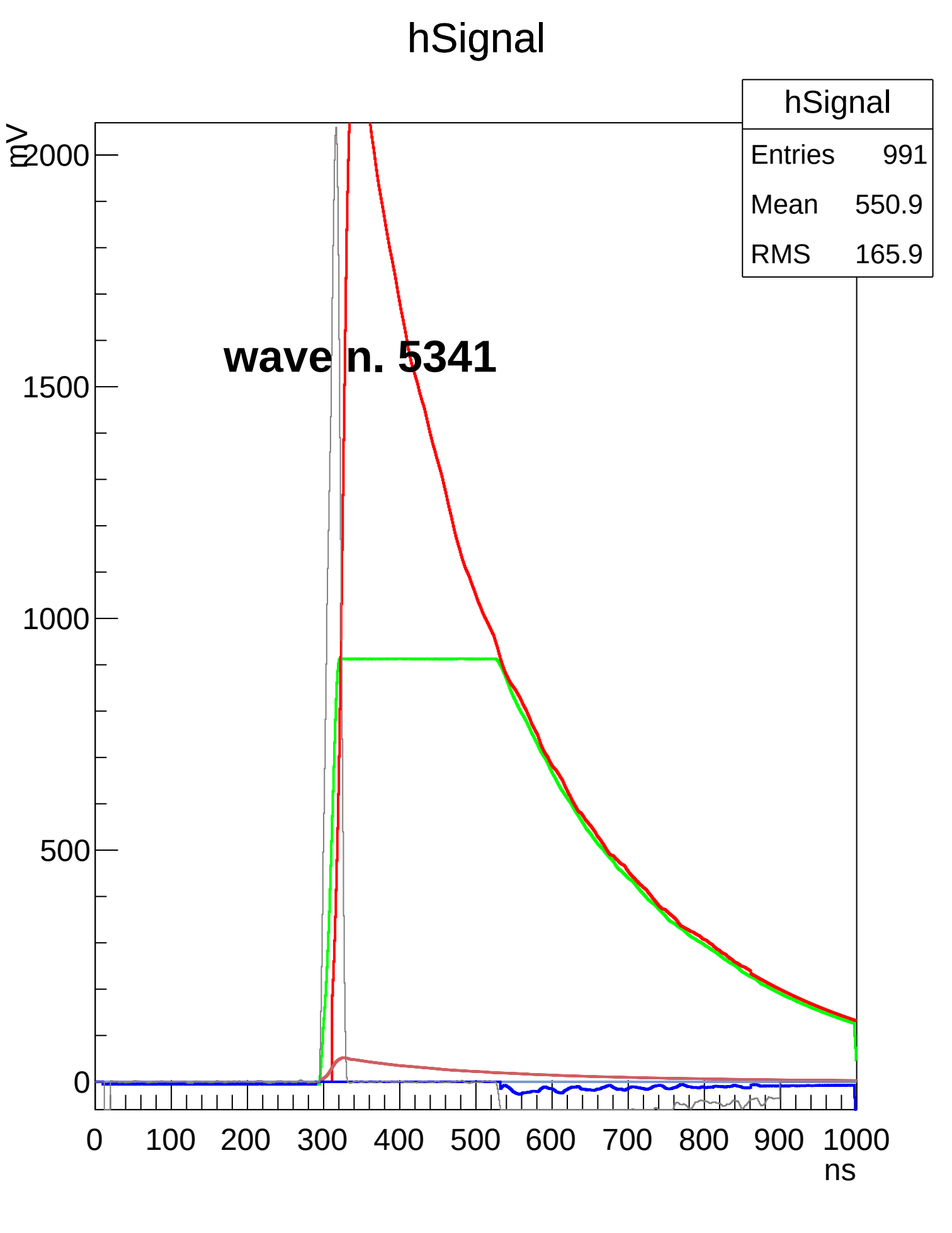
hSignal
hSignal
Entries 991
Mean 550.9
RMS 165.9
wave n. 5341
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1500
1000
500
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0
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800
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1000
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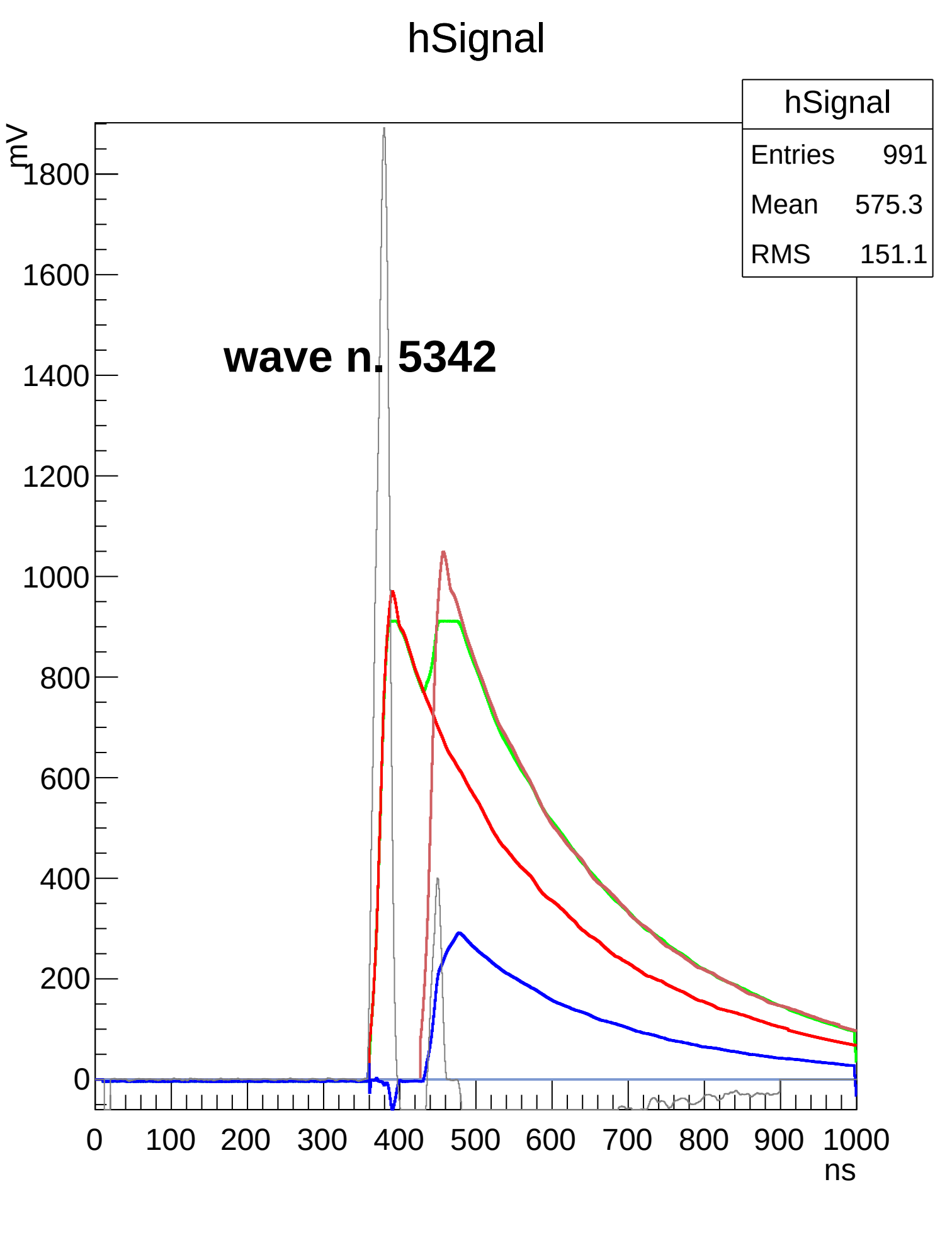
hSignal
hSignal
Entries 991
Mean 575.3
RMS 151.1
wave n. 5342
mV
1800
1600
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1200
1000
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600
400
200
0
0
100
200
300
400
500
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700
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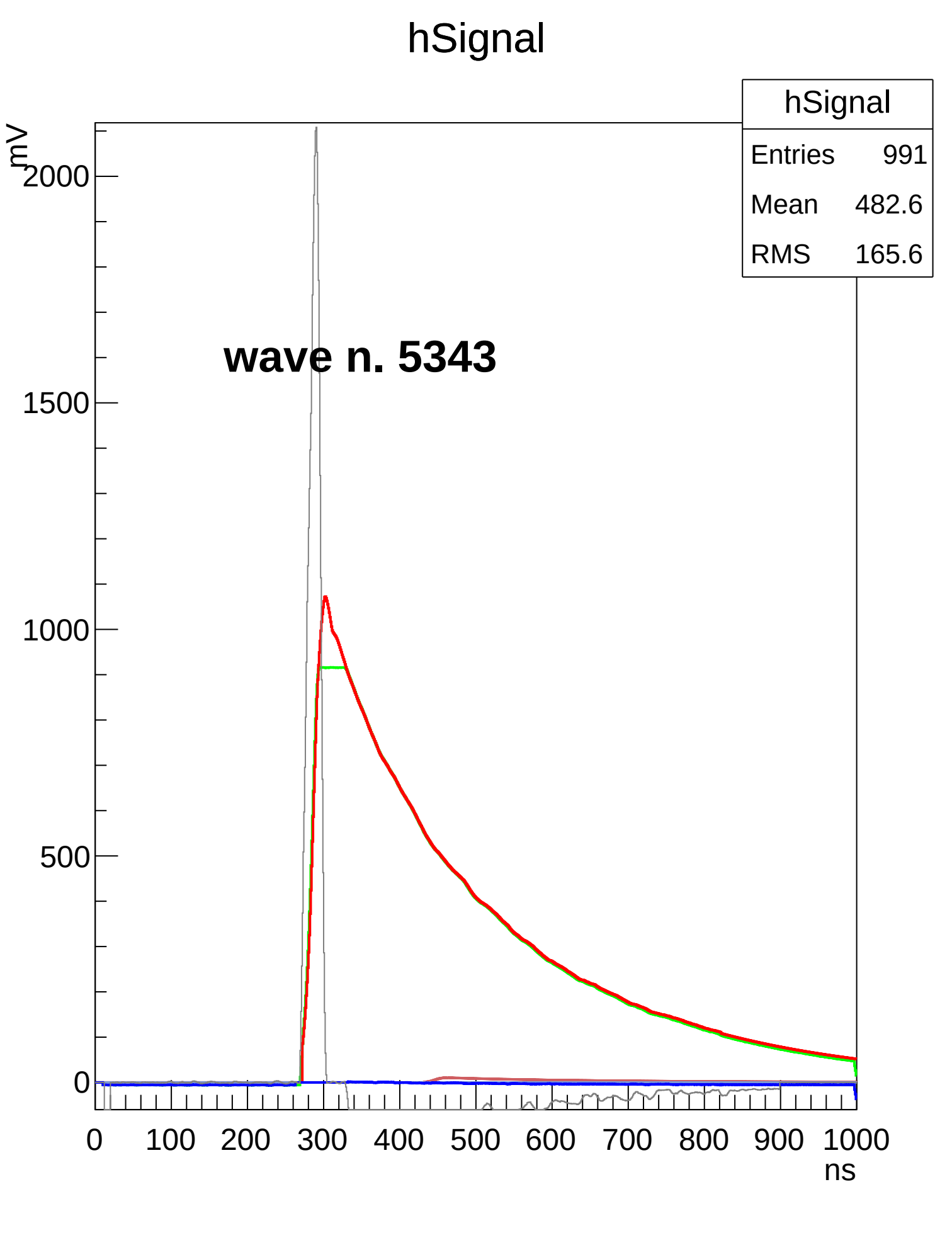
900
1000
ns


hSignal
hSignal
Entries 991
Mean 482.6
RMS 165.6
wave n. 5343
mV
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1500
1000
500
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400
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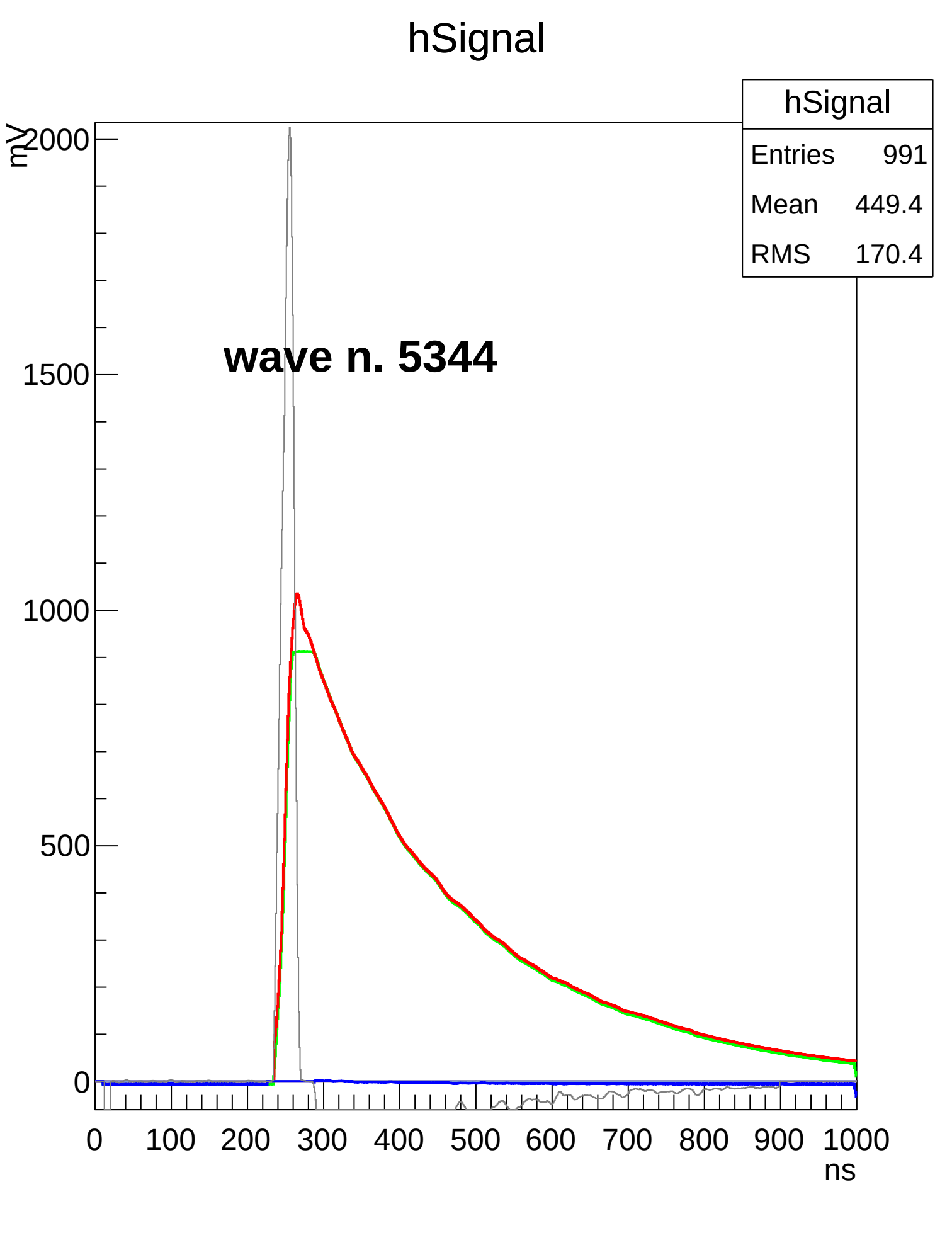
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 449.4
RMS 170.4
wave n. 5344
mV
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1500
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500
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0
100
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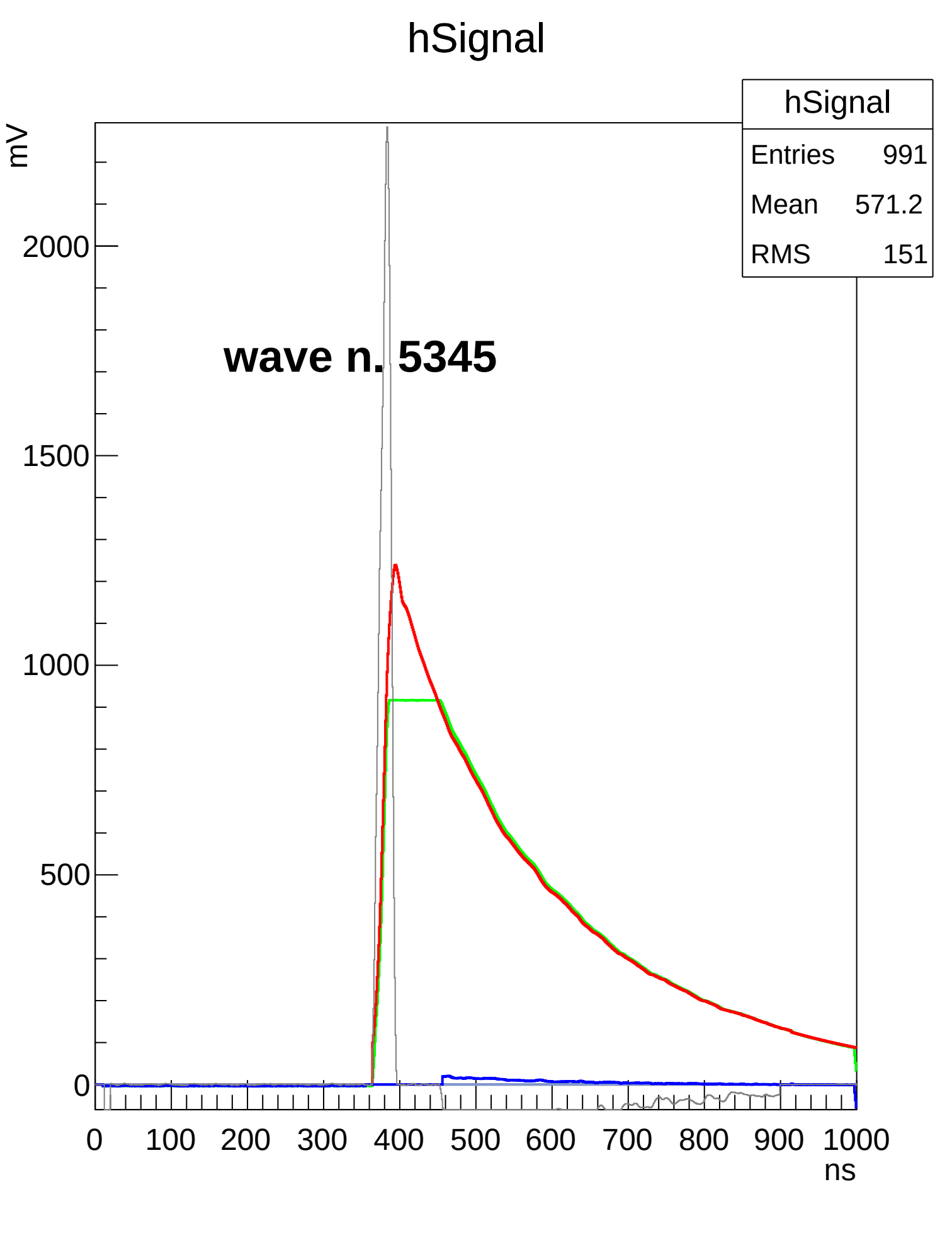
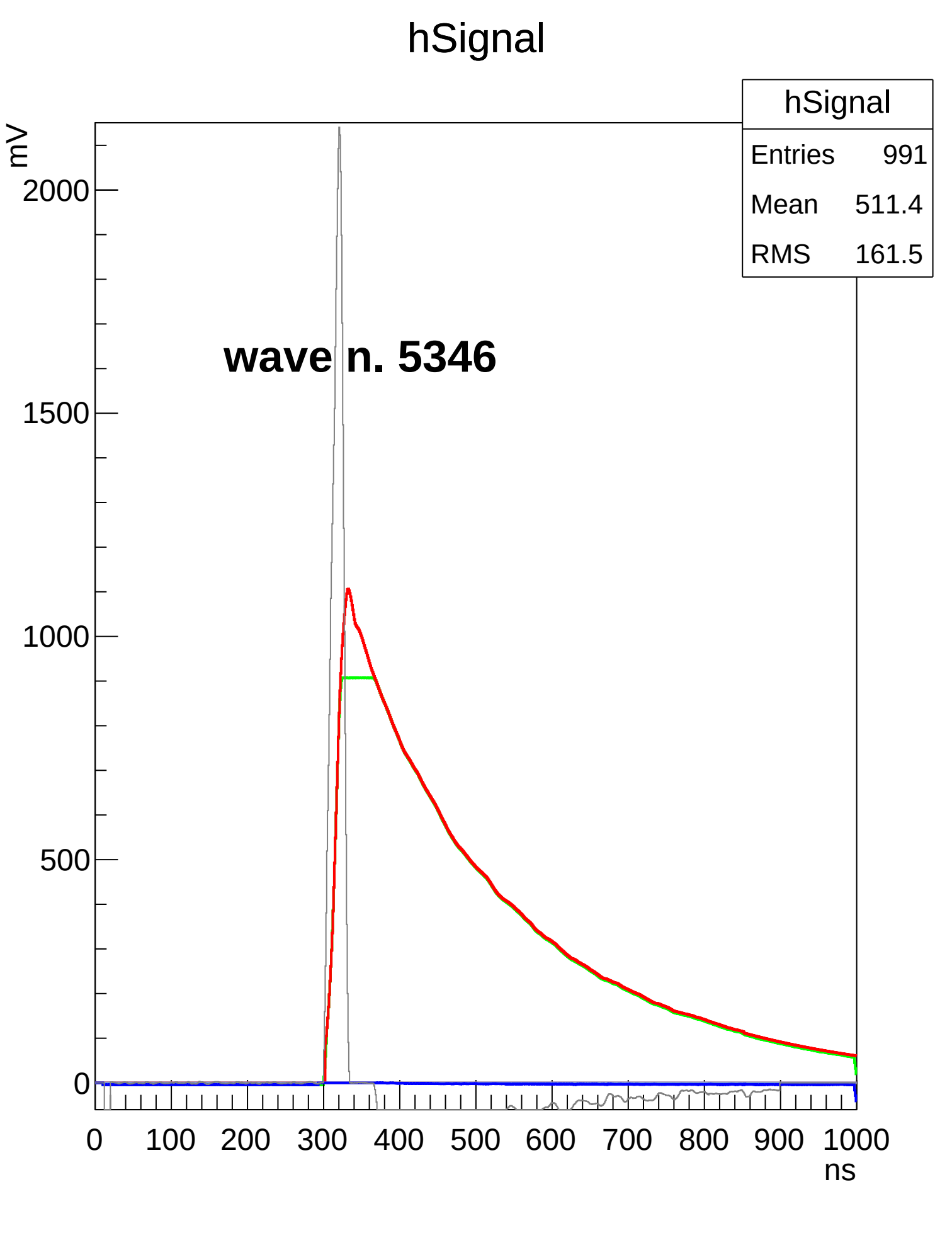
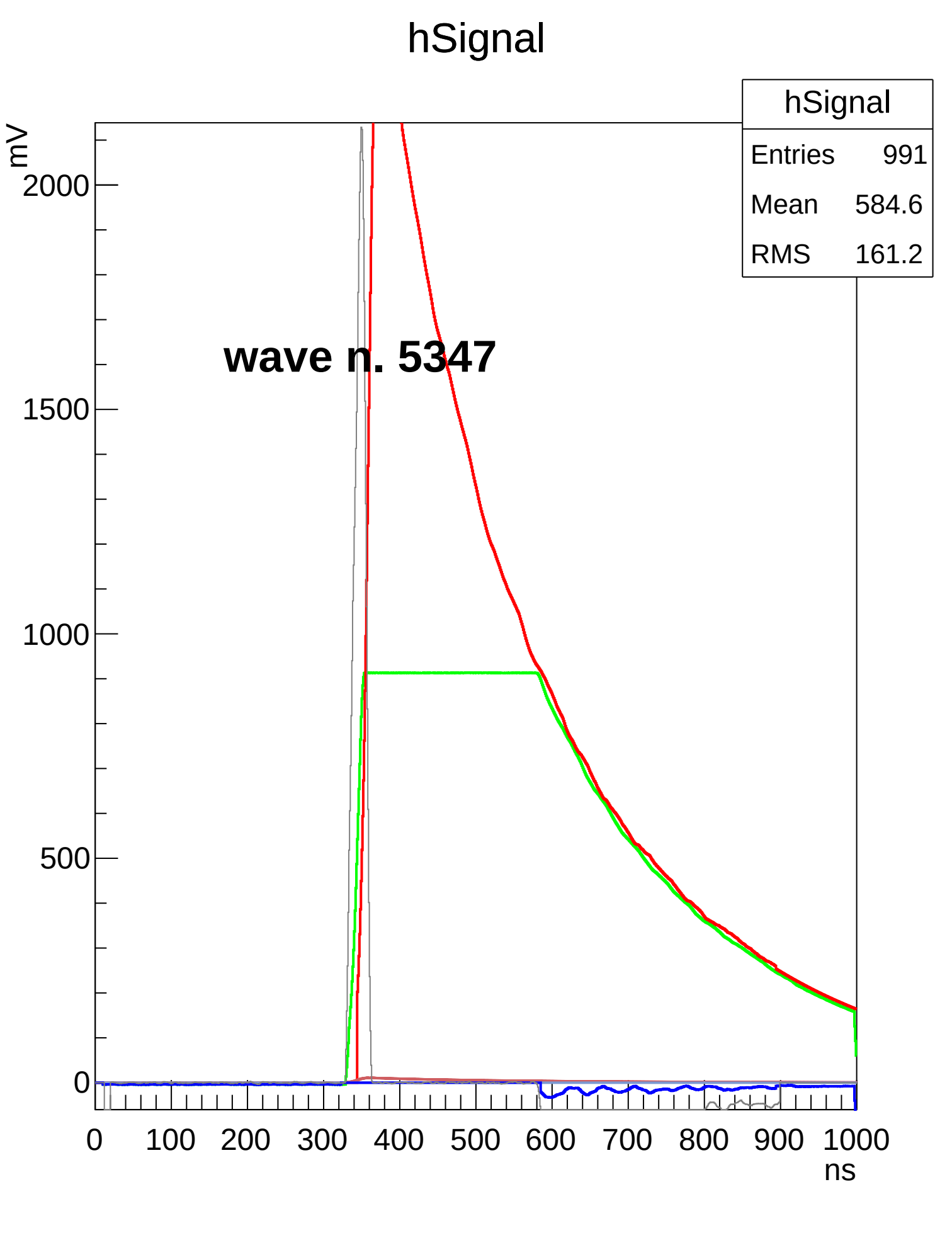
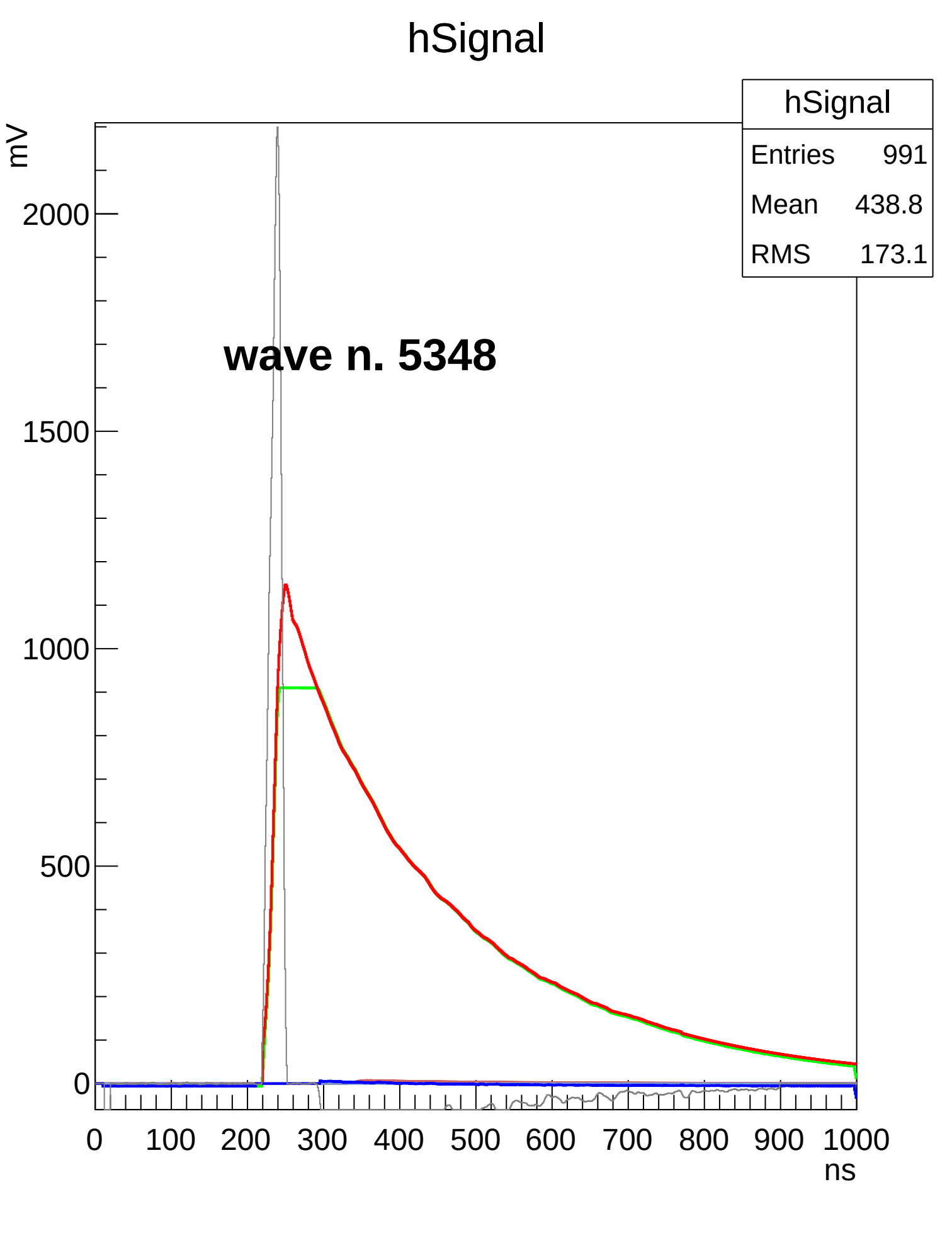
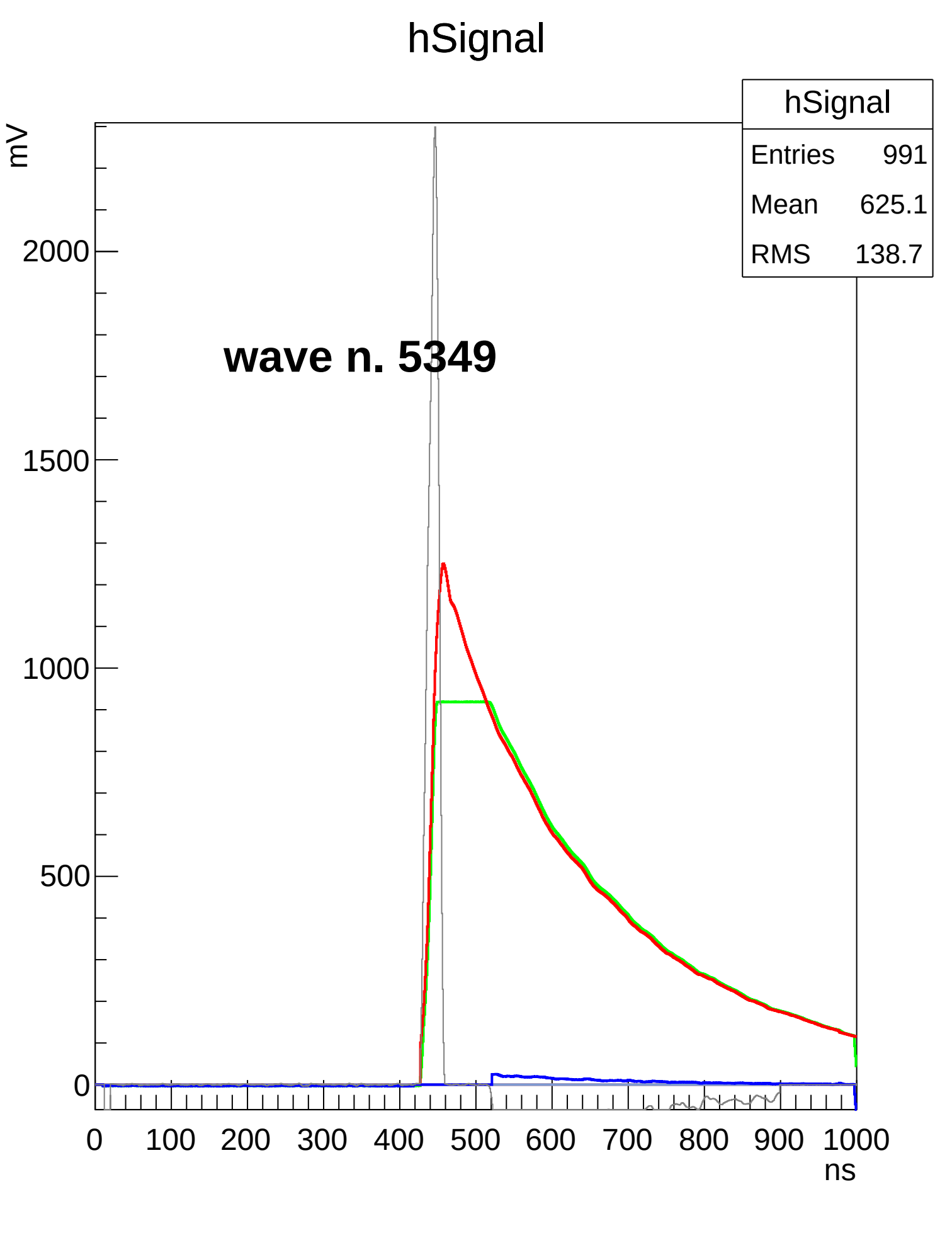
800
900
1000
ns

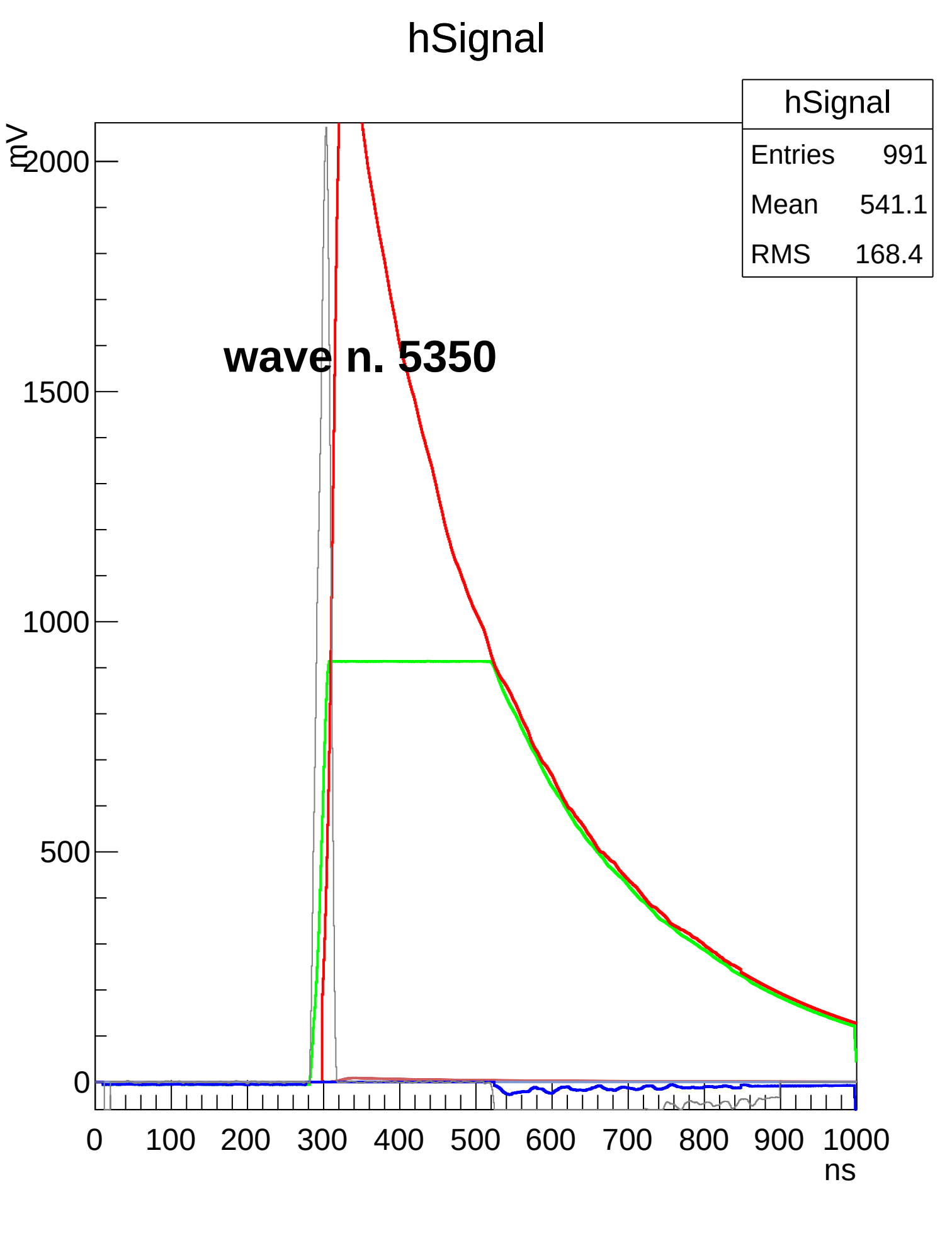

hSignal
hSignal
Entries 991
Mean 571.2
RMS 151
wave n. 5345
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

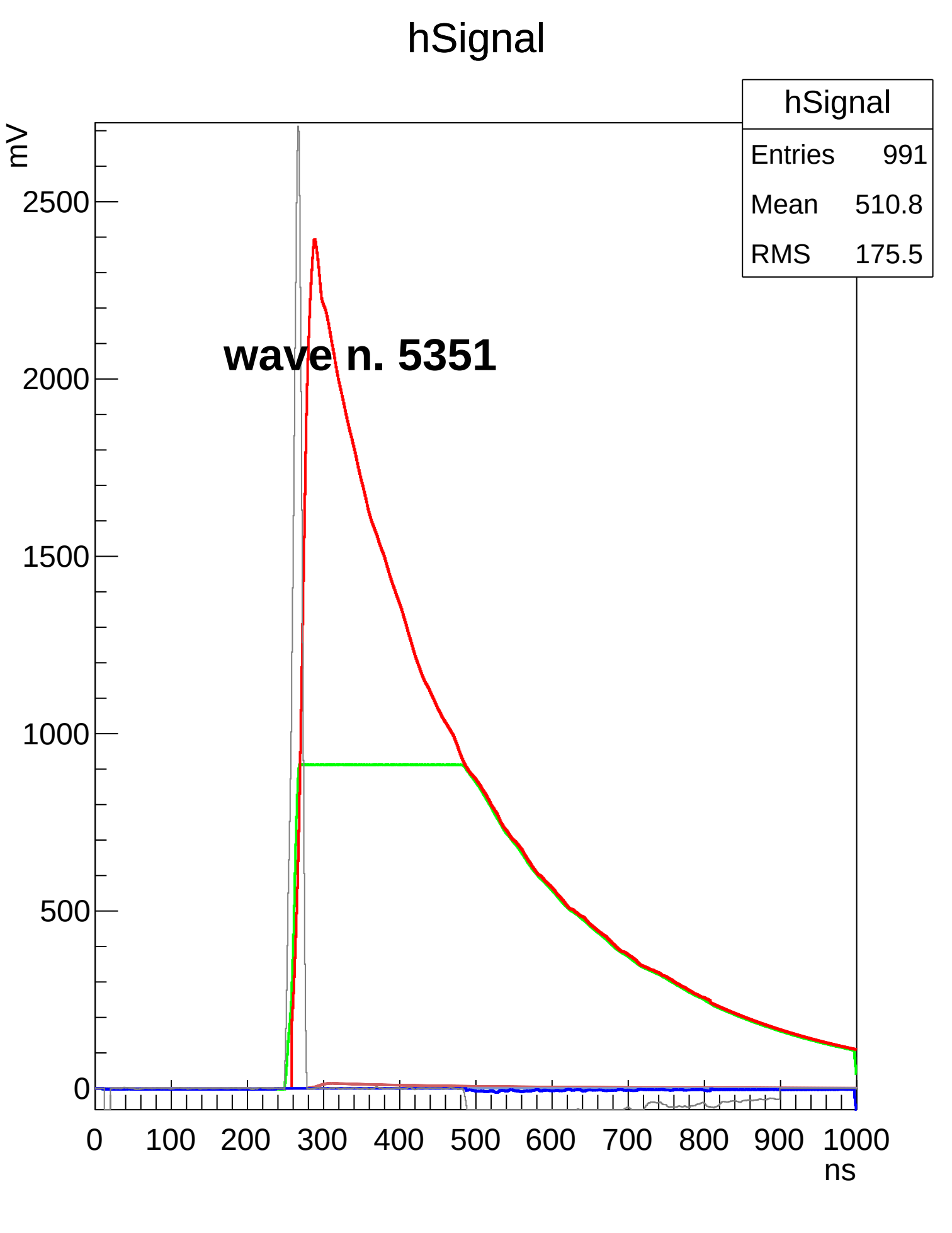

hSignal
hSignal
Entries 991
Mean 511.4
RMS 161.5
wave n. 5346
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

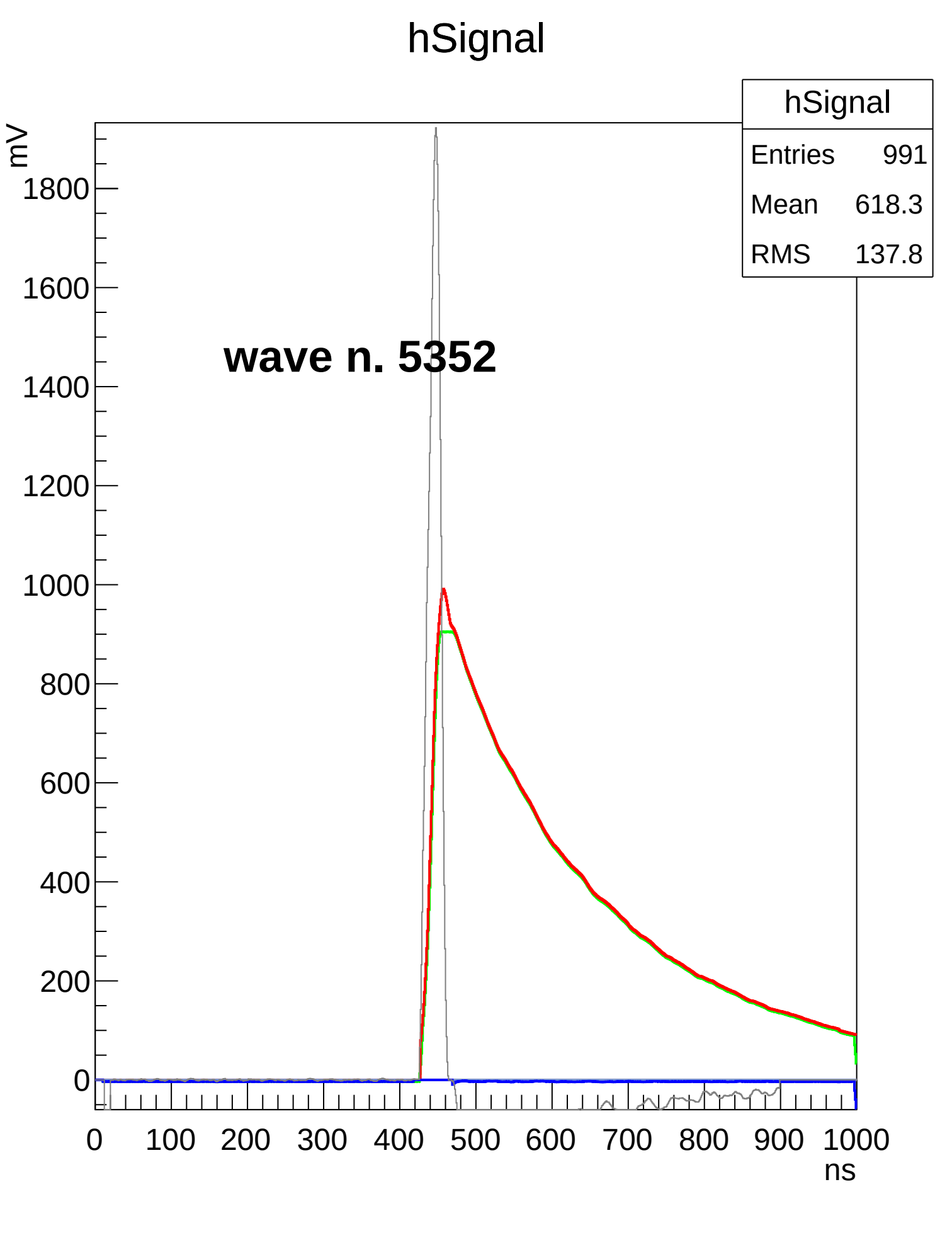

hSignal
hSignal
Entries 991
Mean 584.6
RMS 161.2
wave n. 5347
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

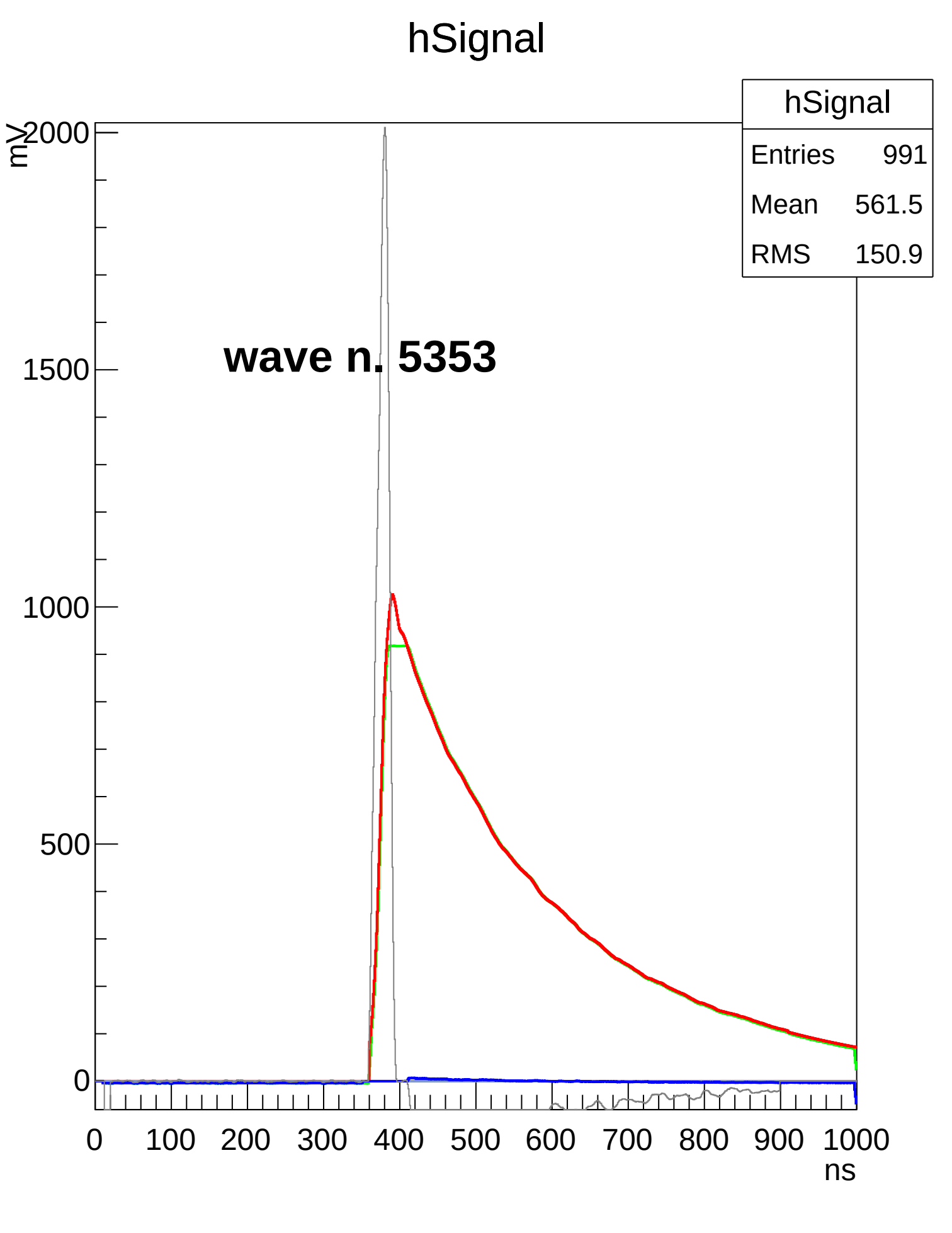

hSignal
hSignal
Entries 991
Mean 438.8
RMS 173.1
wave n. 5348
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

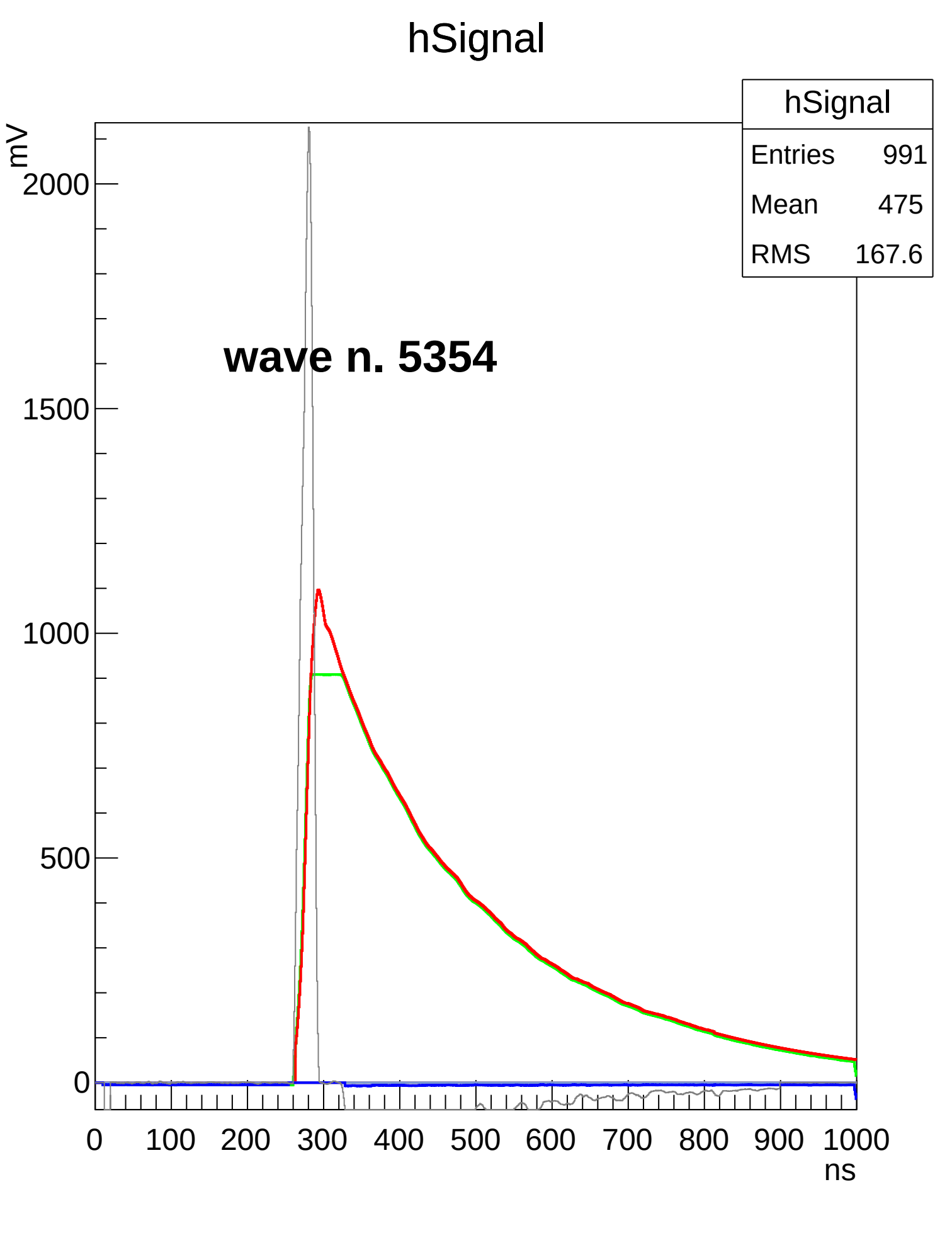

hSignal
hSignal
Entries 991
Mean 625.1
RMS 138.7
wave n. 5349
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

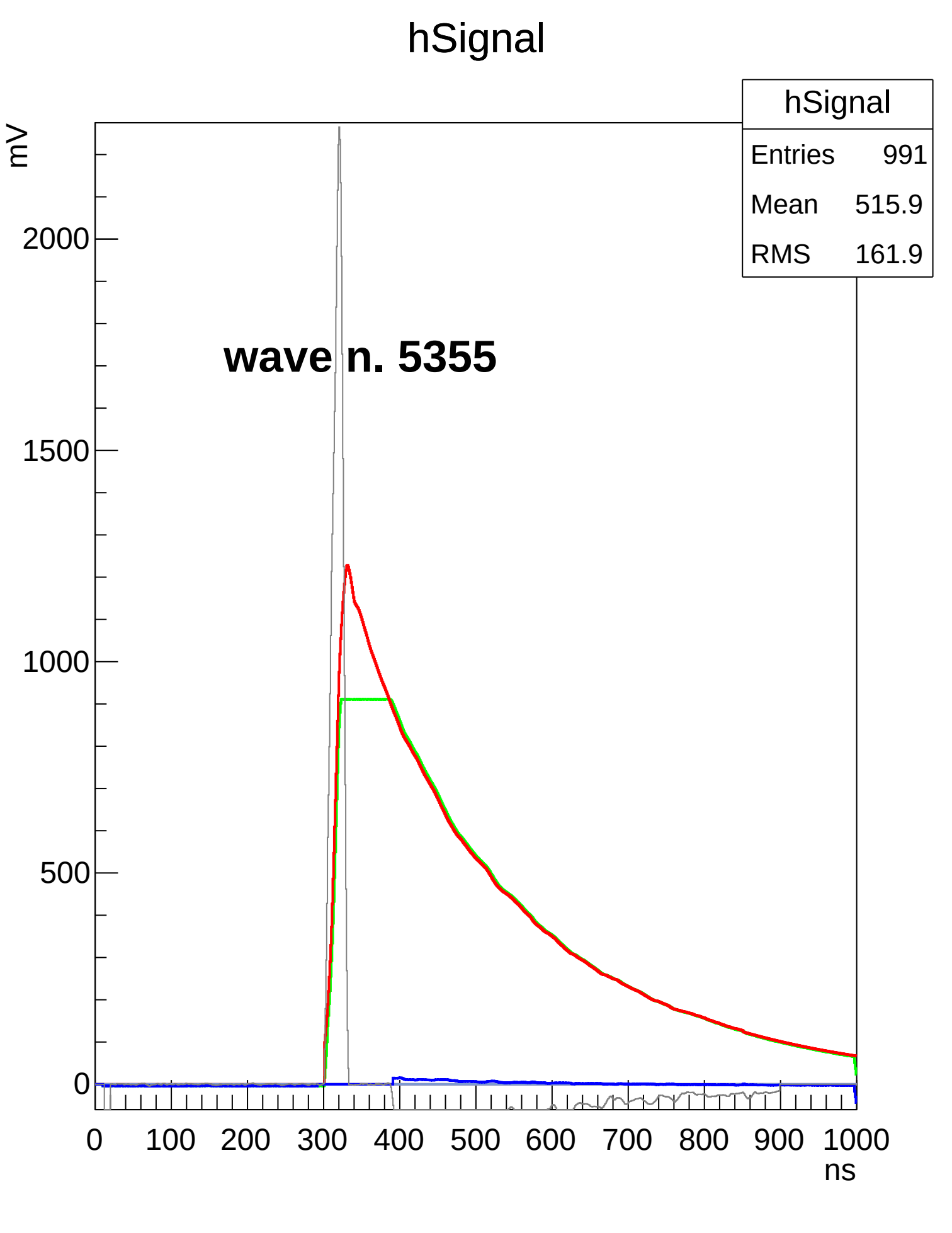

hSignal
hSignal
Entries 991
Mean 541.1
RMS 168.4
wave n. 5350
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

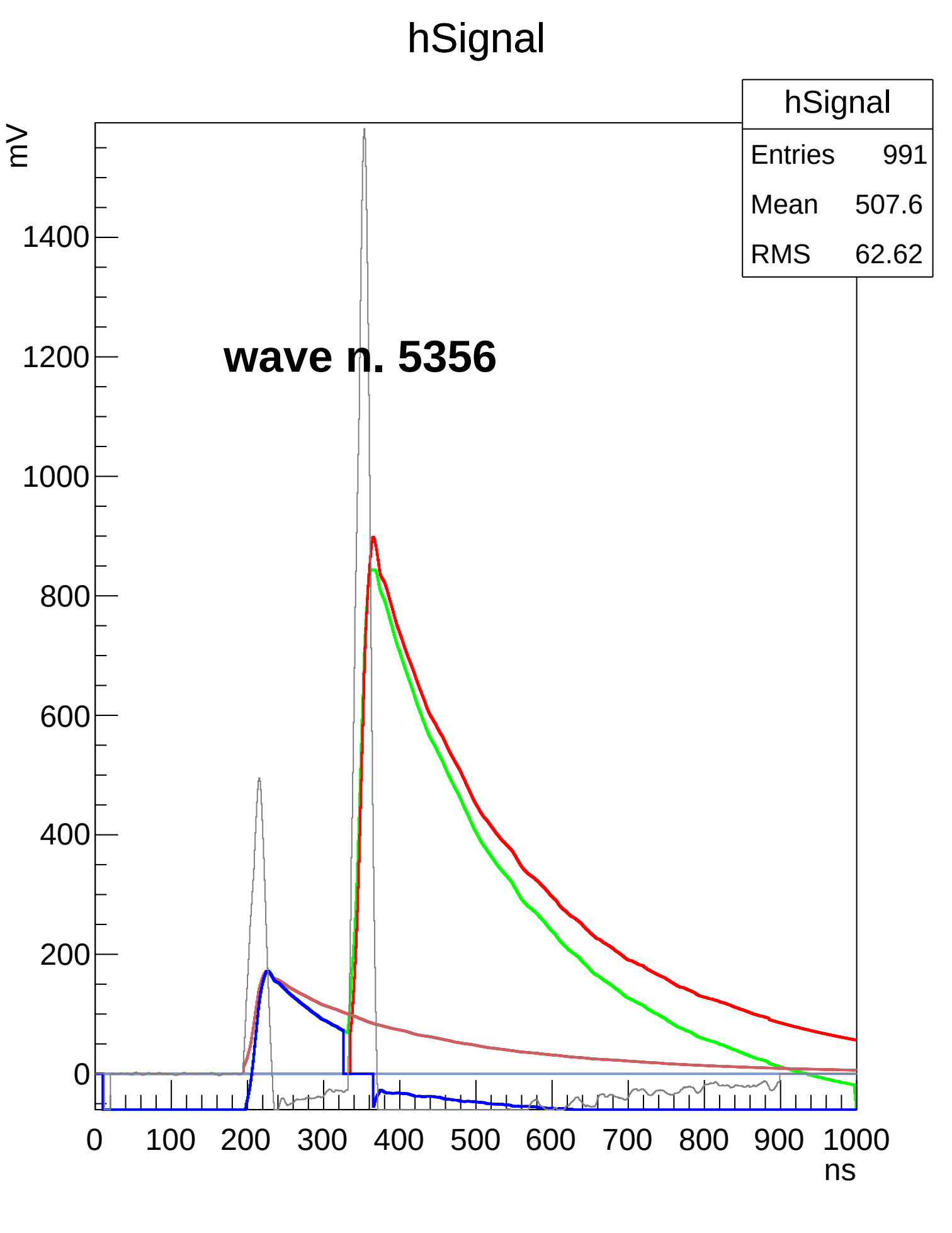

hSignal
hSignal
Entries 991
Mean 510.8
RMS 175.5
wave n. 5351
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

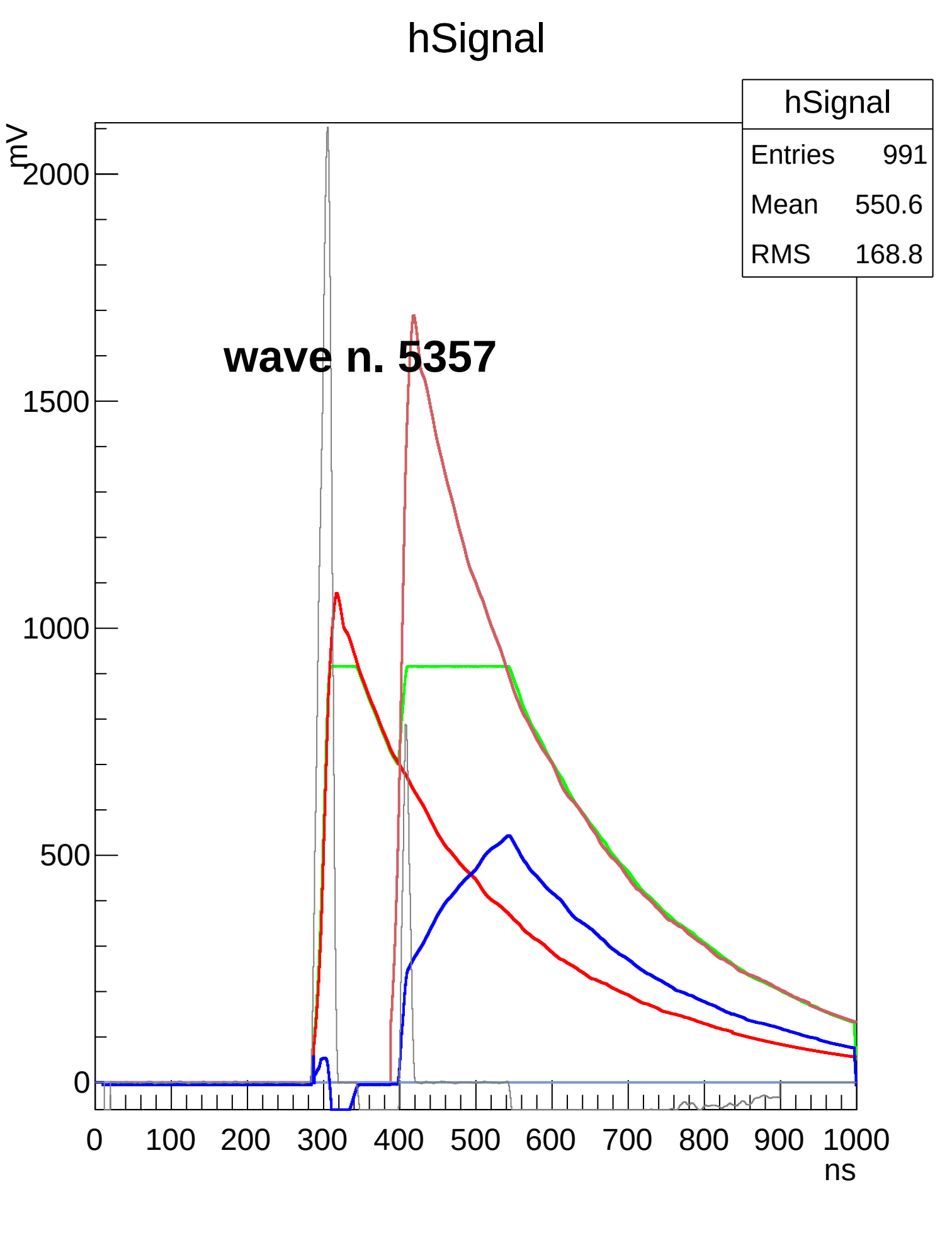

hSignal
hSignal
Entries 991
Mean 618.3
RMS 137.8
wave n. 5352
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

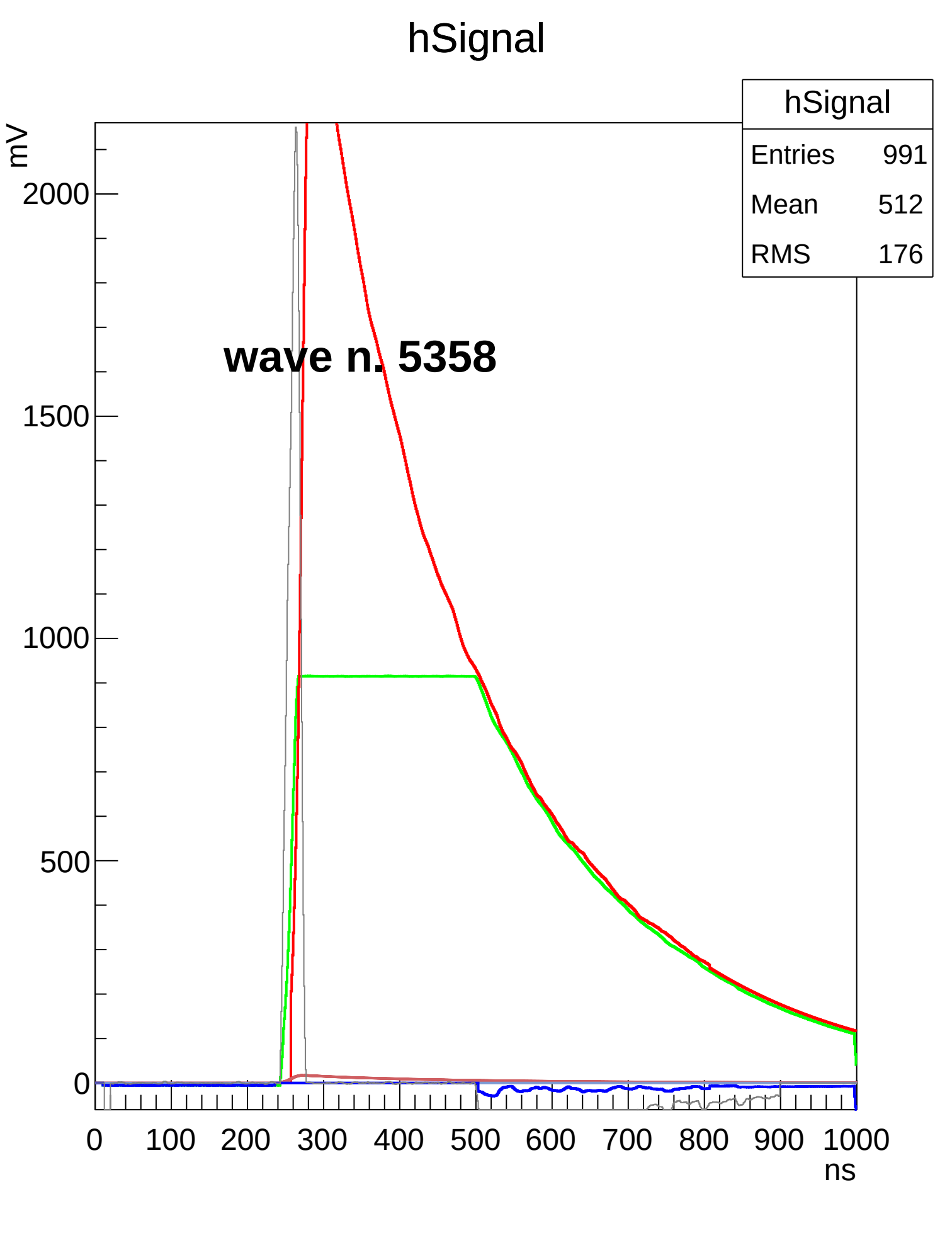

hSignal
hSignal
Entries 991
Mean 561.5
RMS 150.9
wave n. 5353
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

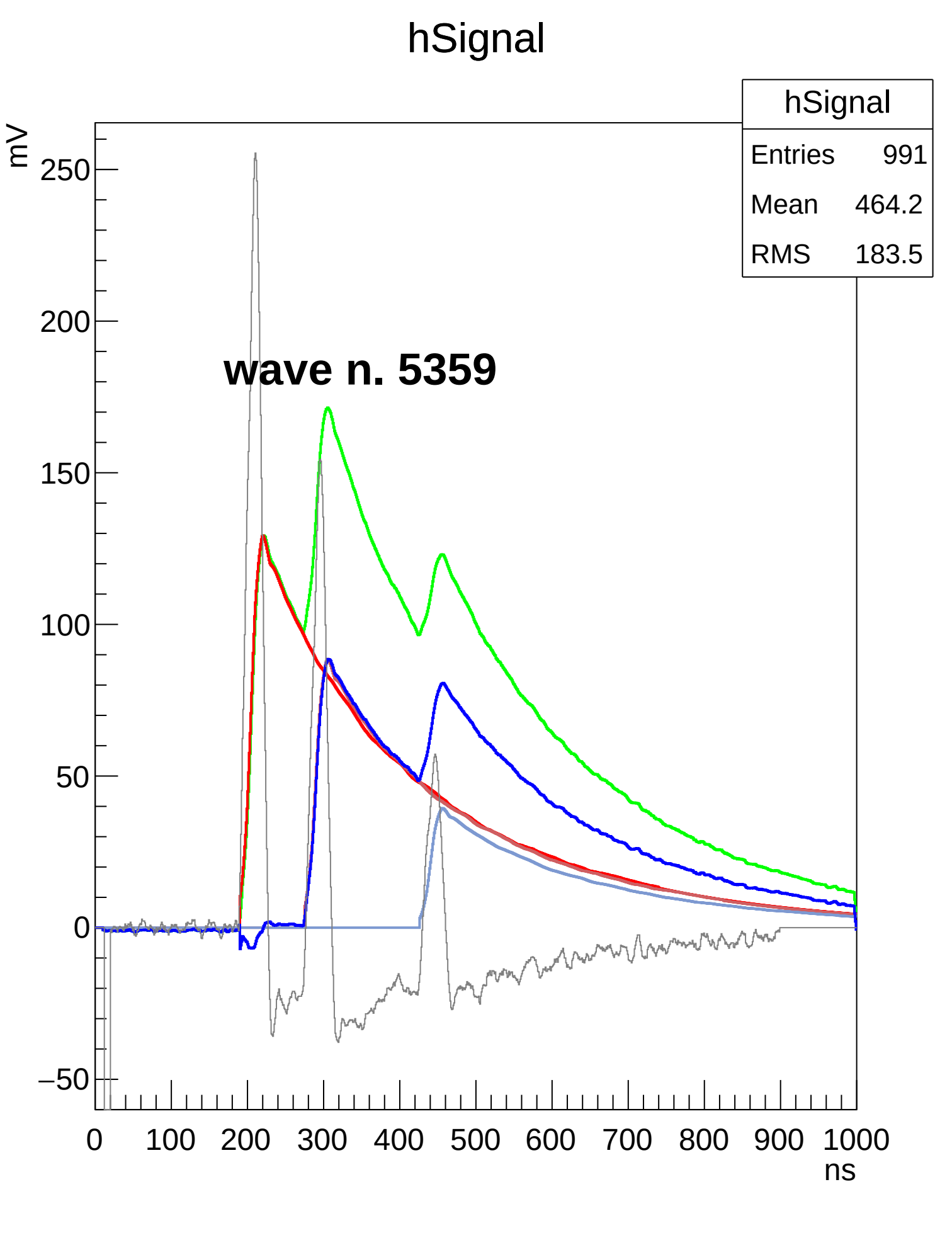

hSignal
hSignal
Entries 991
Mean 475
RMS 167.6
wave n. 5354
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

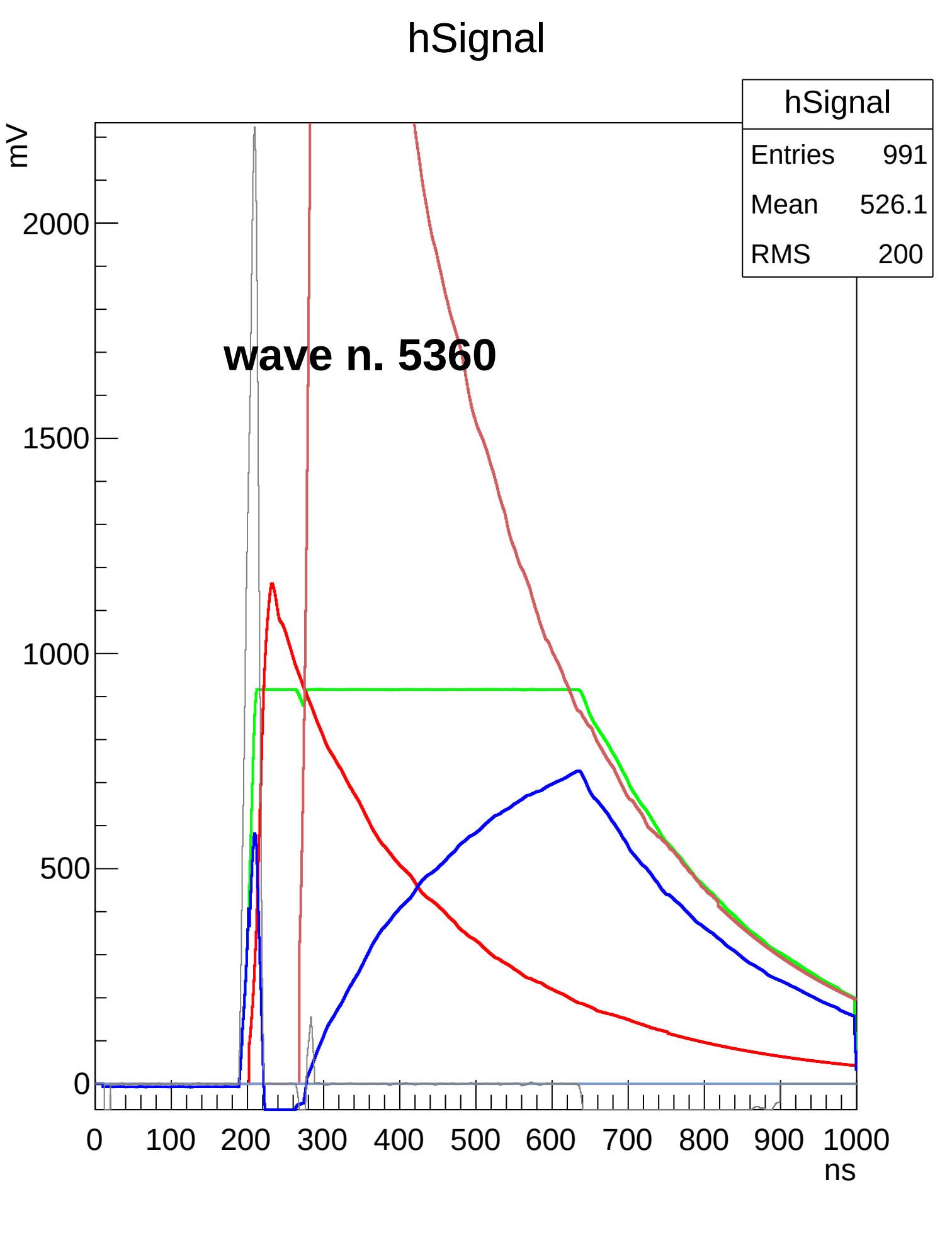

hSignal
hSignal
Entries 991
Mean 515.9
RMS 161.9
wave n. 5355
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

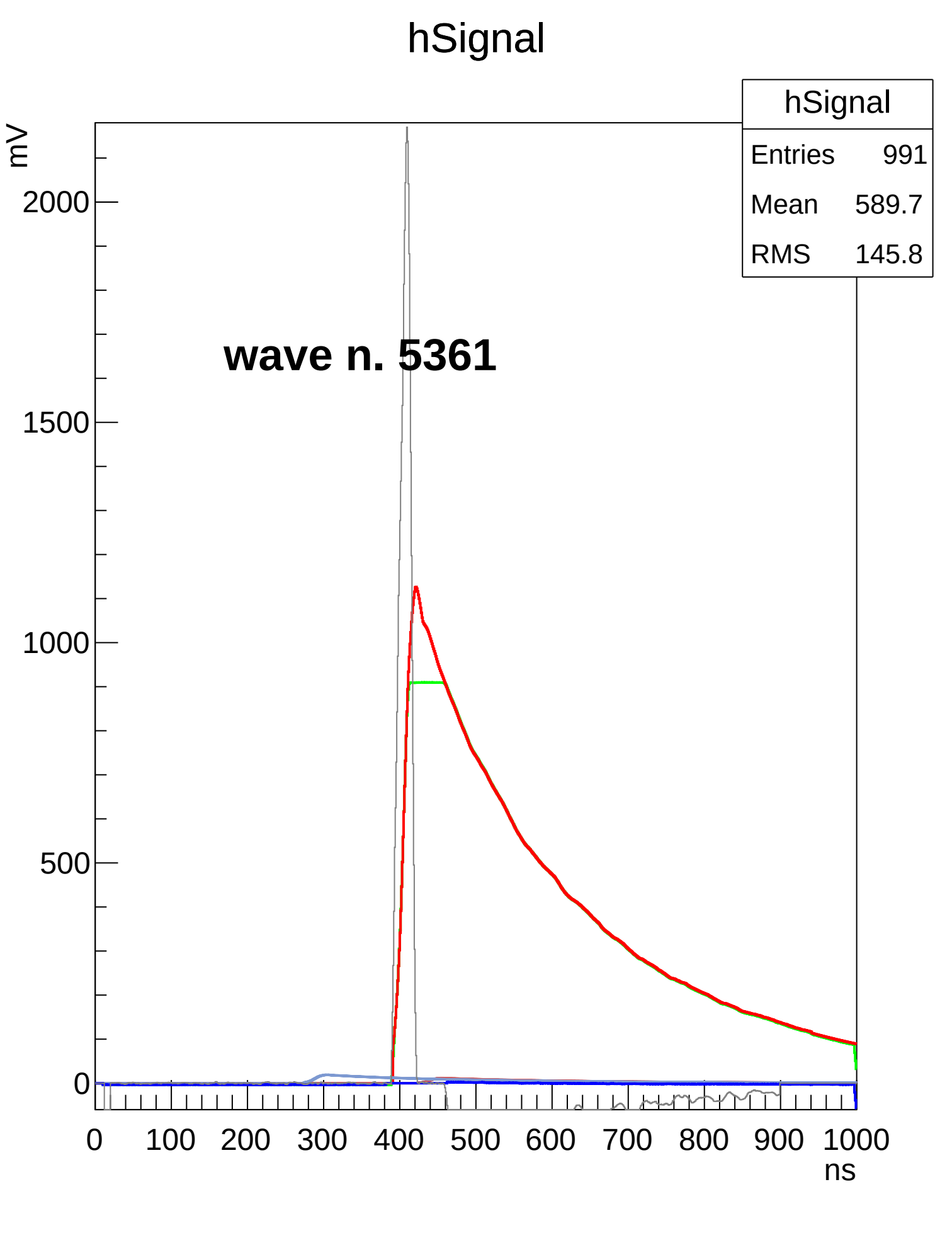

hSignal
hSignal
Entries 991
Mean 507.6
RMS 62.62
wave n. 5356
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

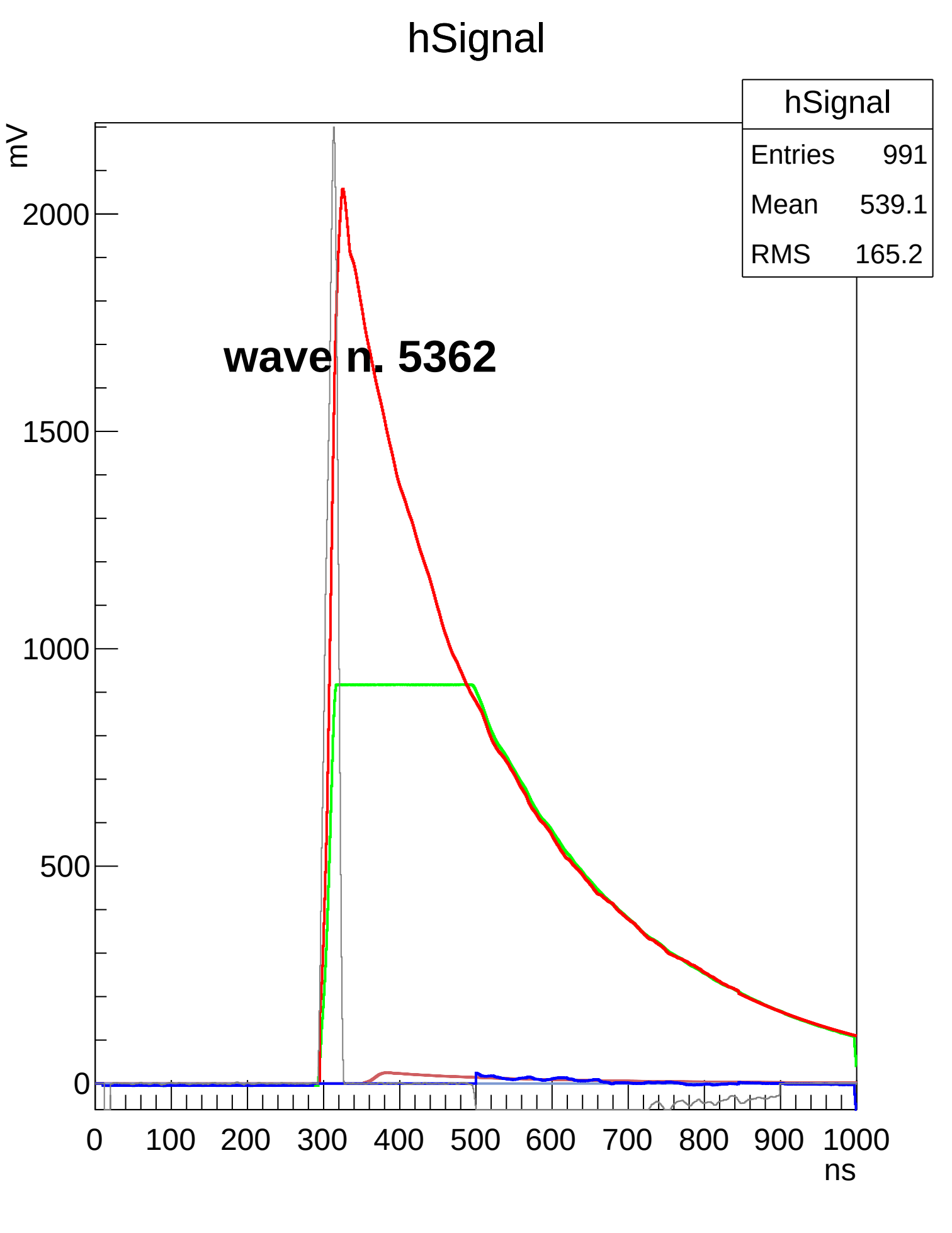

hSignal
hSignal
Entries 991
Mean 550.6
RMS 168.8
wave n. 5357
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

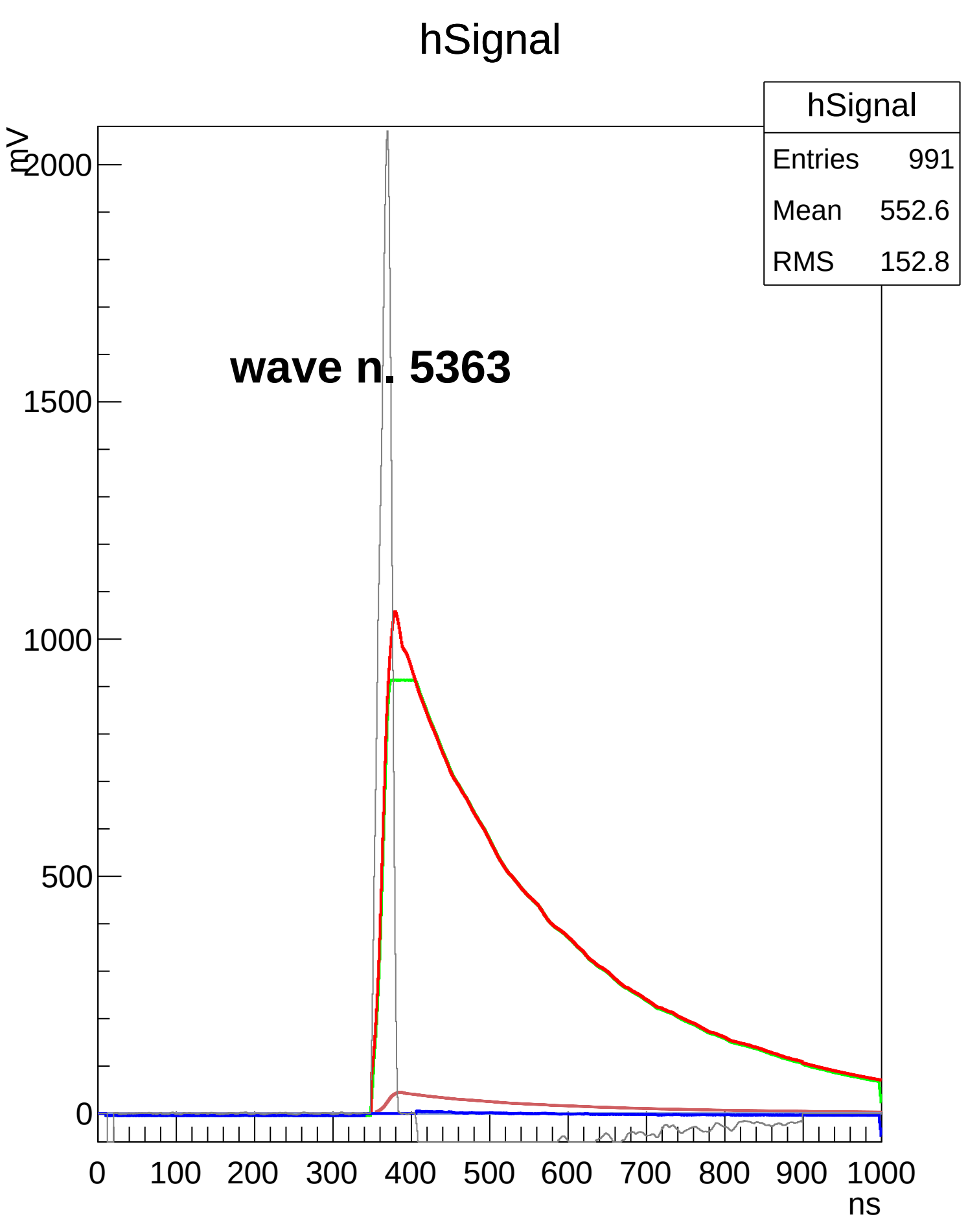

hSignal
hSignal
Entries 991
Mean 512
RMS 176
wave n. 5358
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

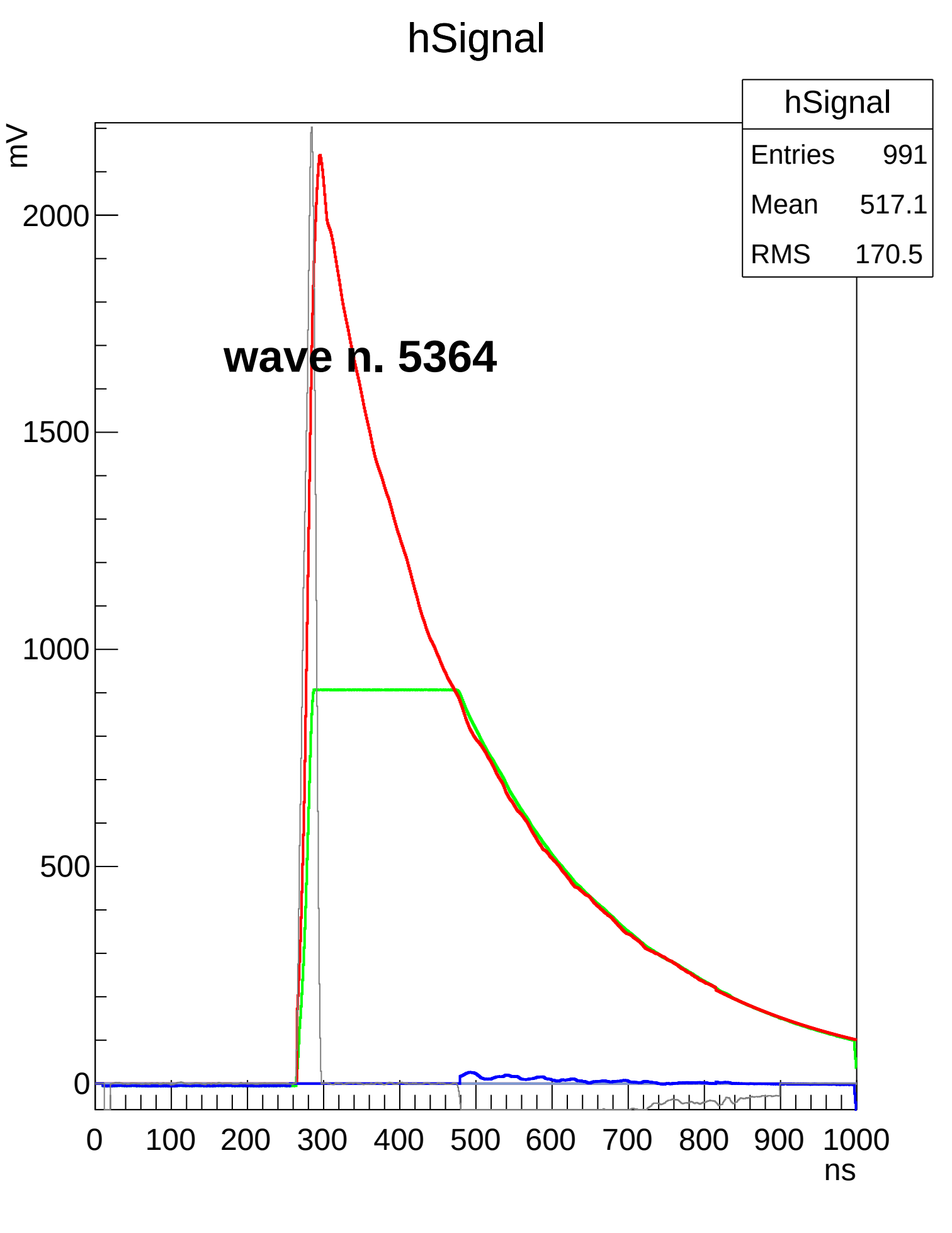

hSignal
hSignal
Entries 991
Mean 464.2
RMS 183.5
wave n. 5359
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 526.1
RMS 200
wave n. 5360
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 589.7
RMS 145.8
wave n. 5361
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.1
RMS 165.2
wave n. 5362
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.6
RMS 152.8
wave n. 5363
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 517.1
RMS 170.5
wave n. 5364
mV
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1500
1000
500
0
0
100
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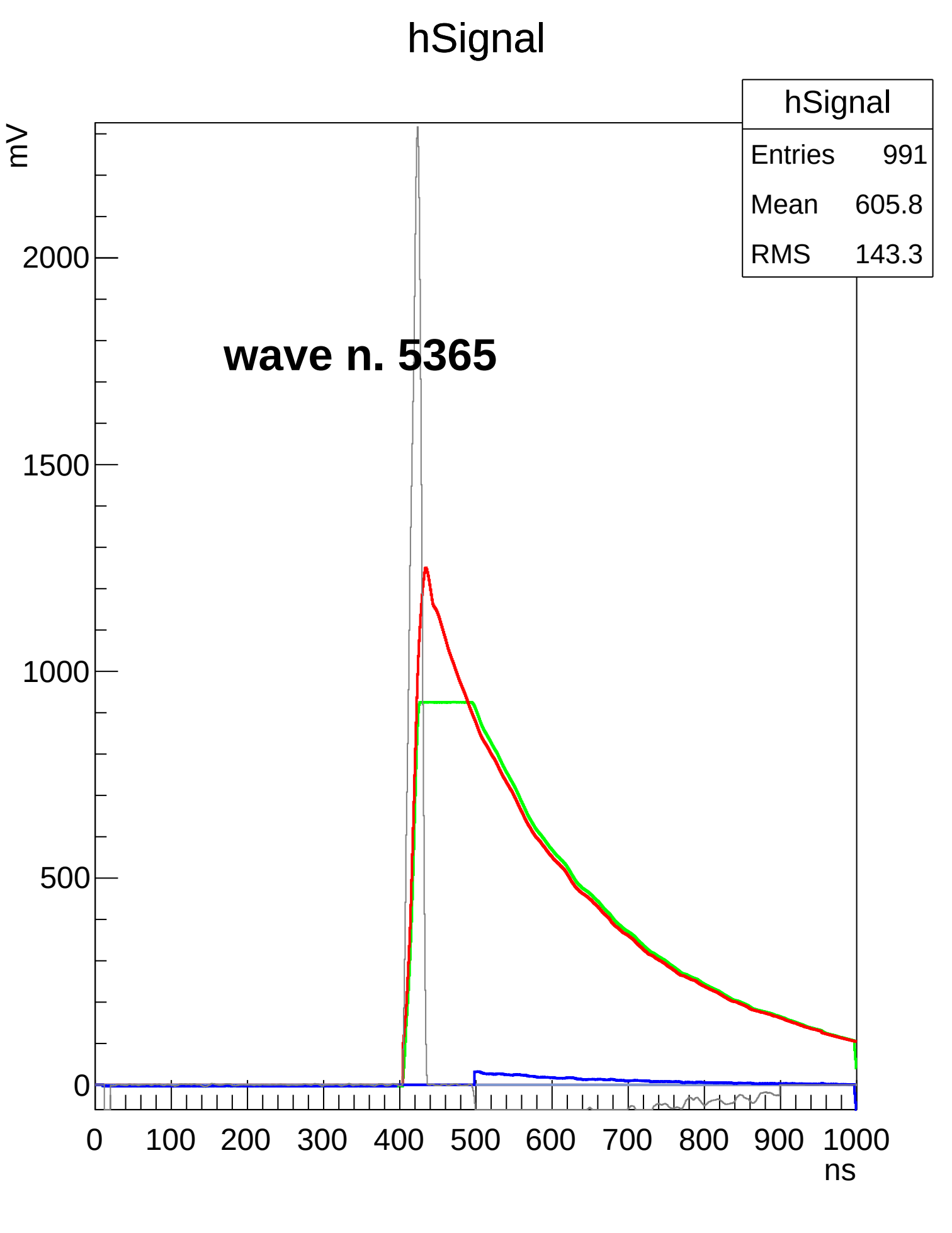
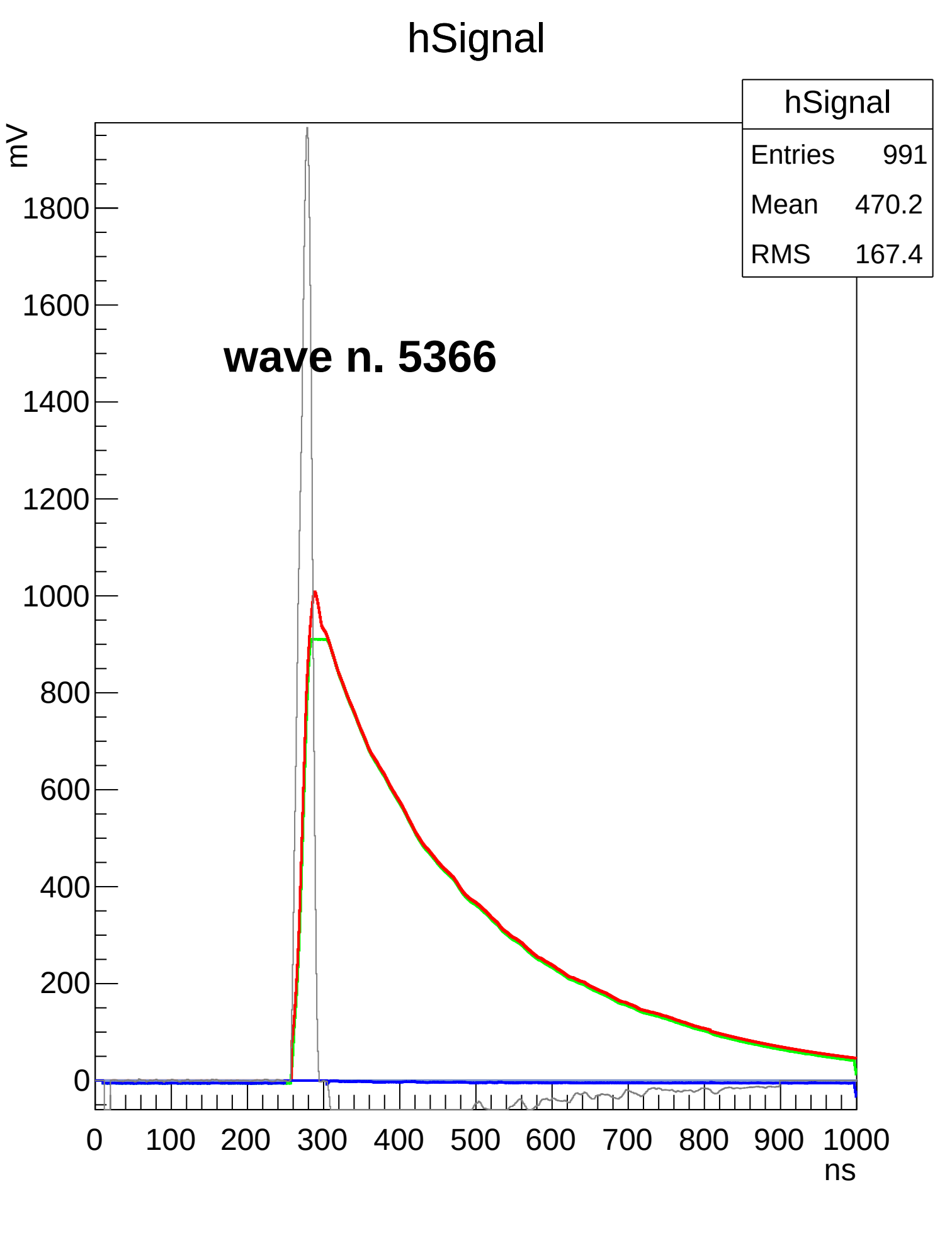
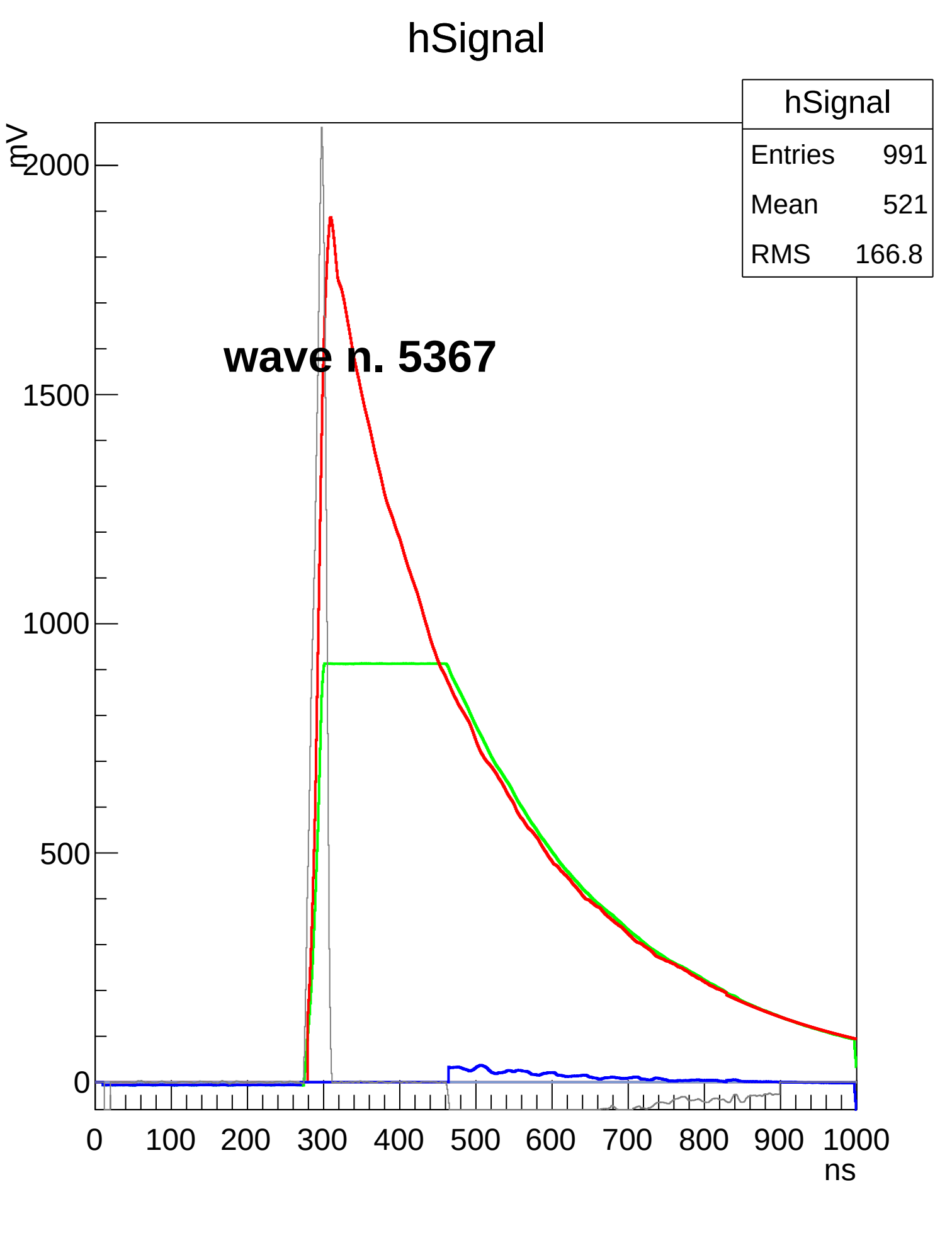
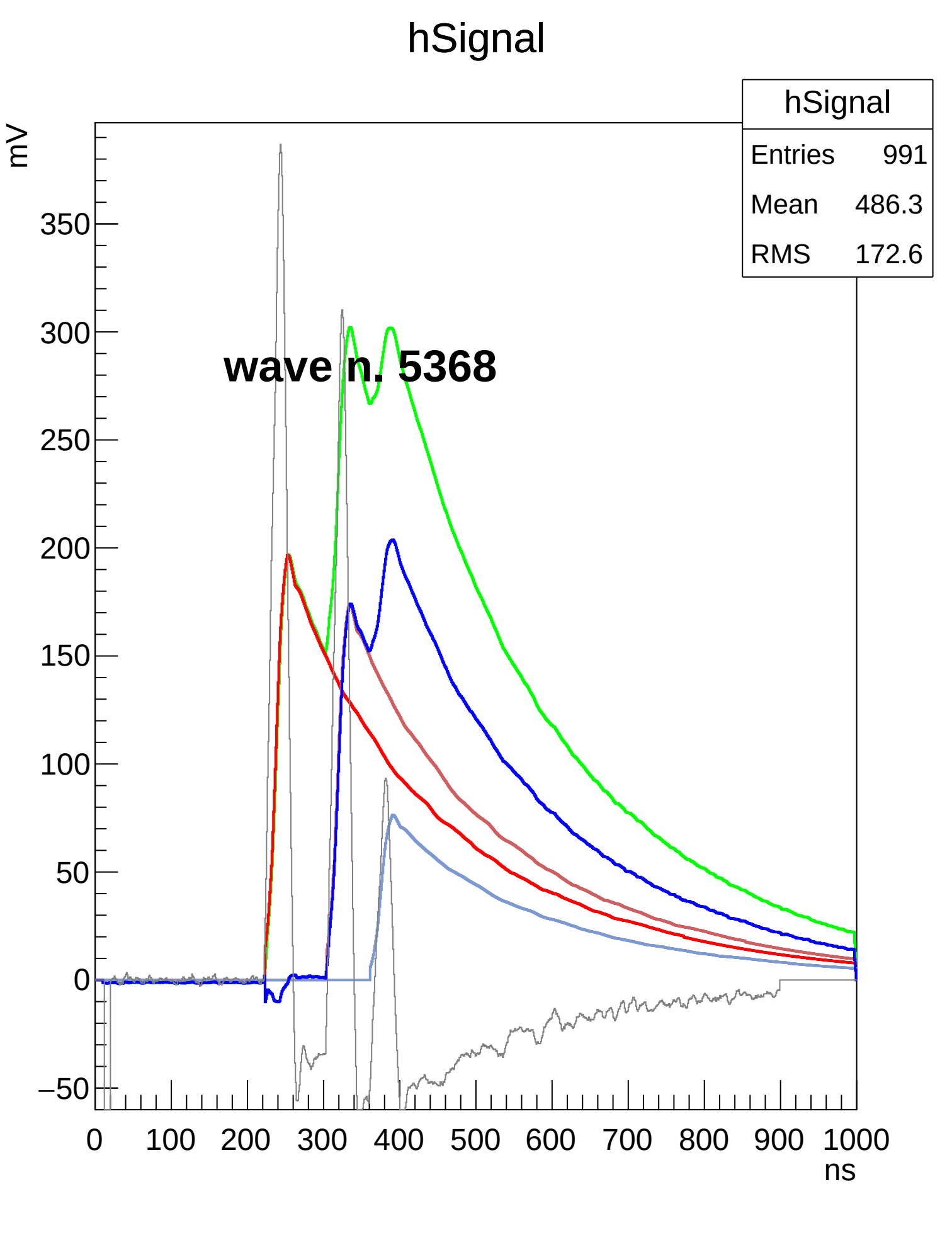
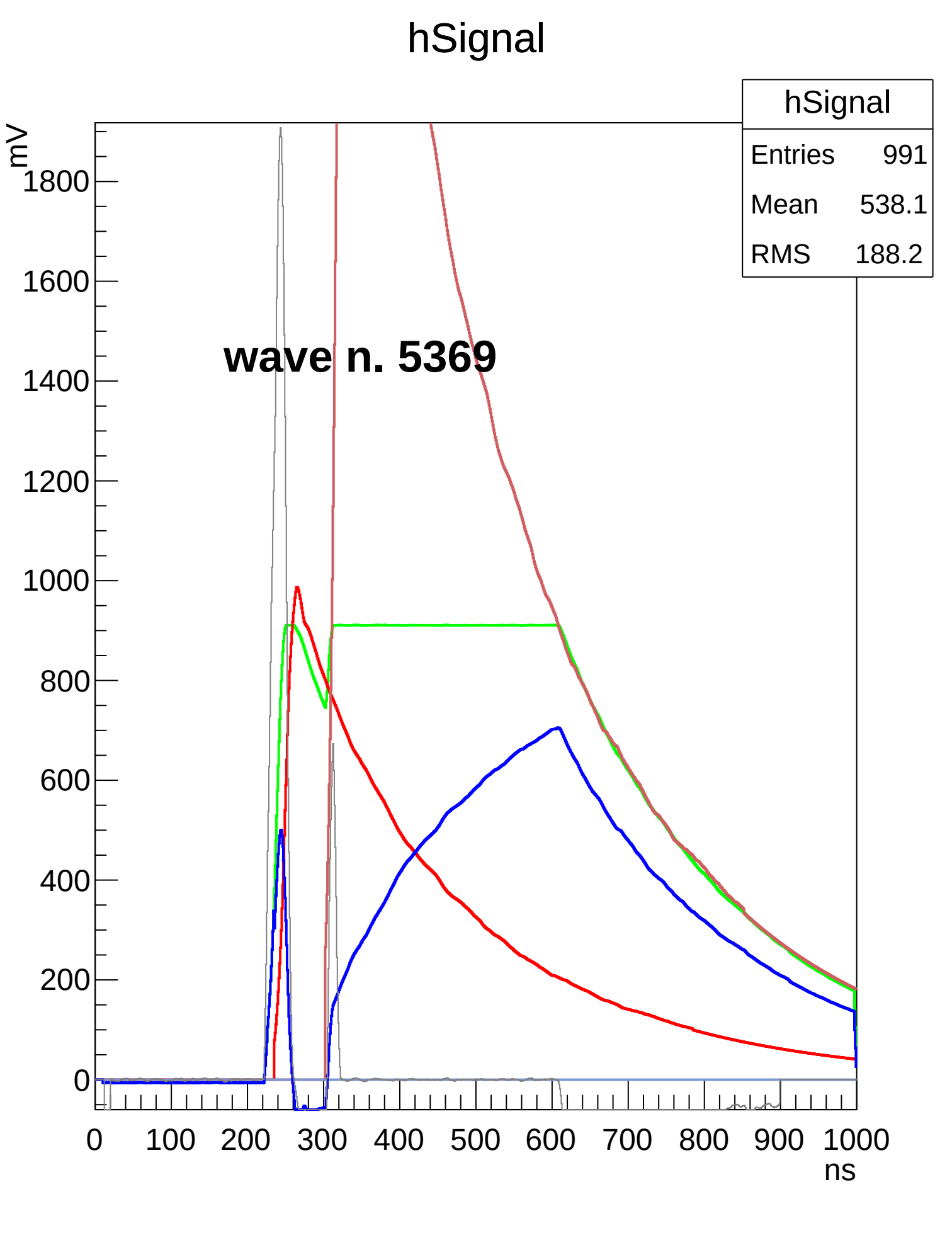
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 605.8
RMS 143.3
wave n. 5365
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 470.2
RMS 167.4
wave n. 5366
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521
RMS 166.8
wave n. 5367
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486.3
RMS 172.6
wave n. 5368
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 538.1
RMS 188.2
wave n. 5369
mV
1800
1600
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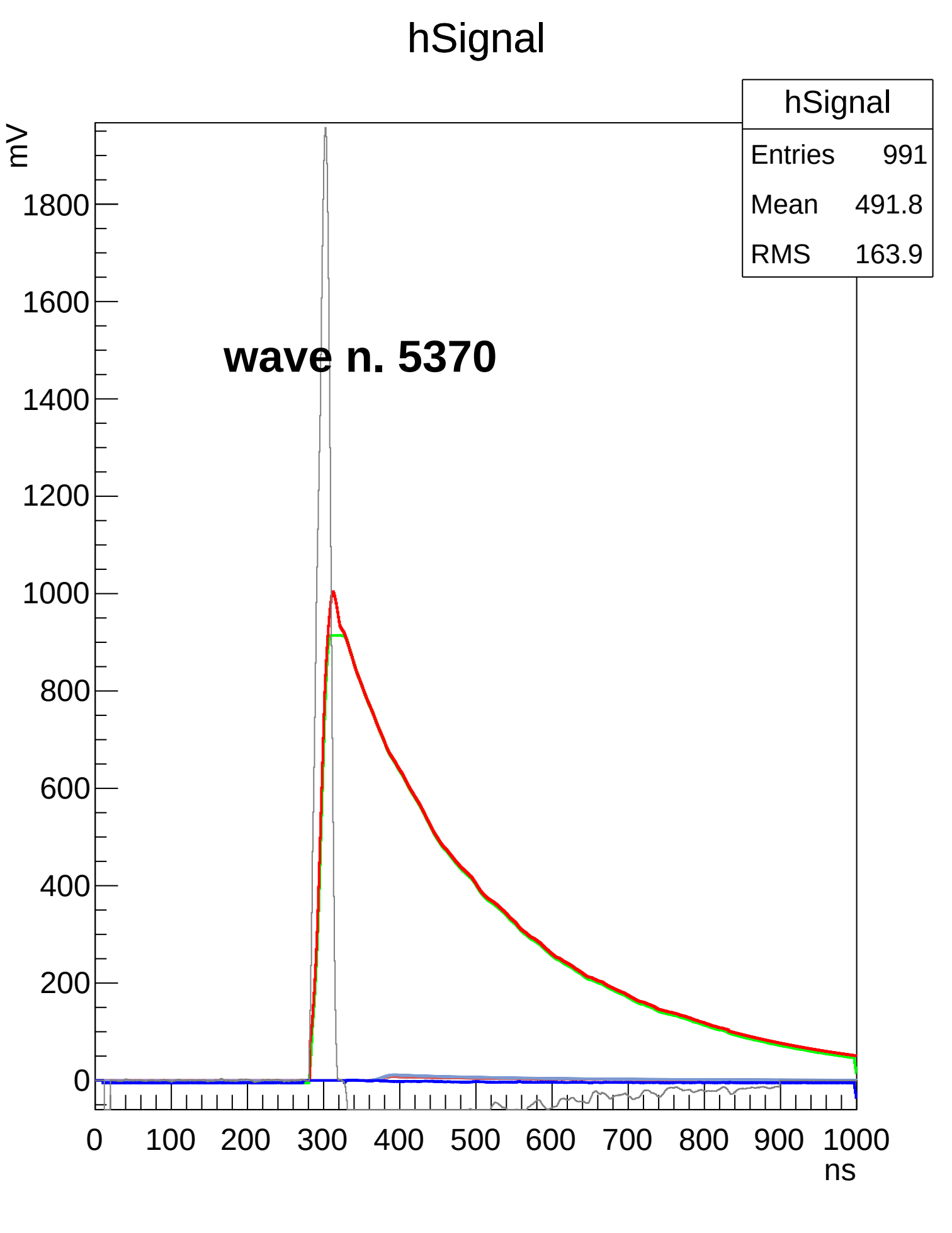
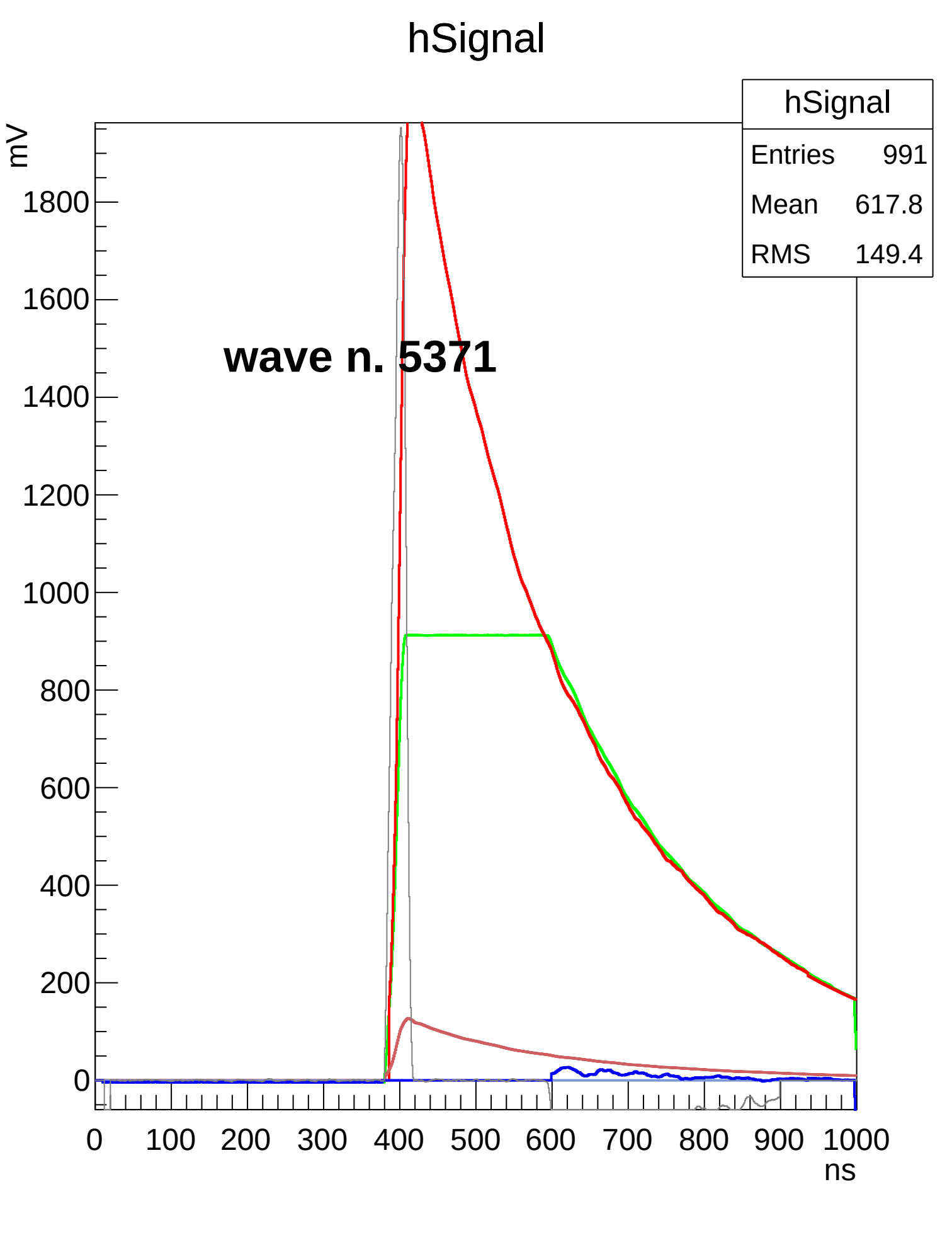
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 491.8
RMS 163.9
wave n. 5370
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 617.8
RMS 149.4
wave n. 5371
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
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400
500
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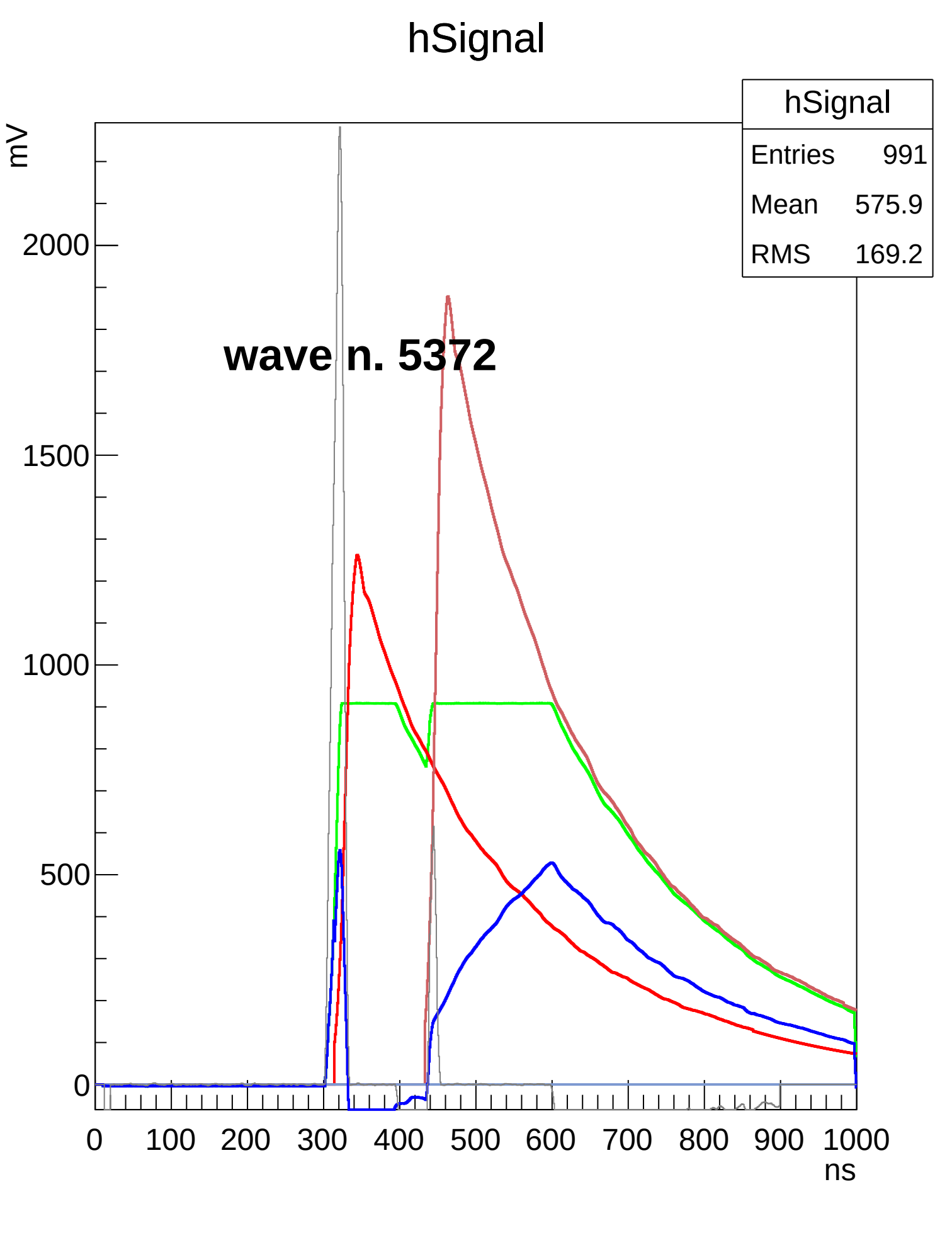
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 575.9
RMS 169.2
wave n. 5372
mV
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1500
1000
500
0
0
100
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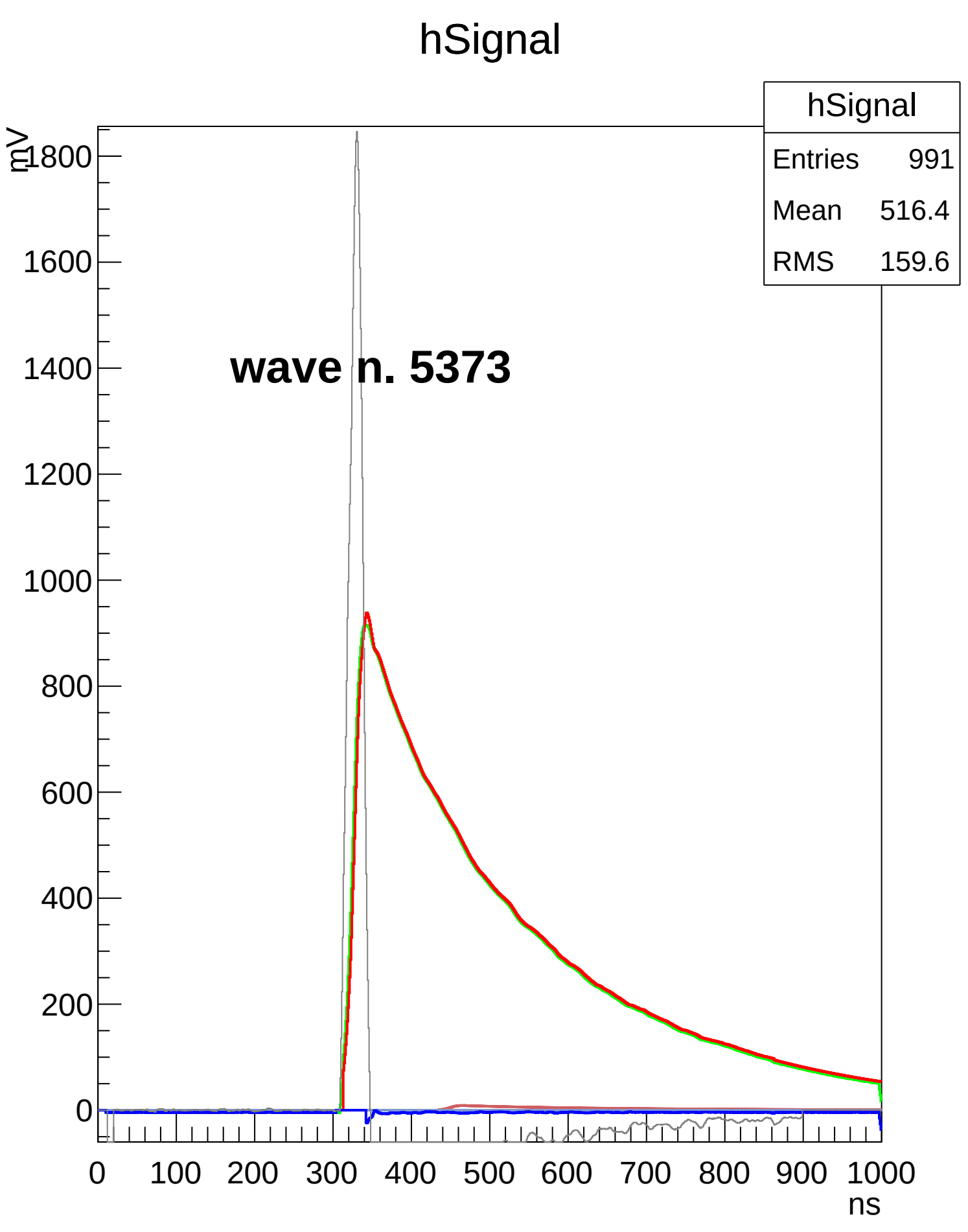
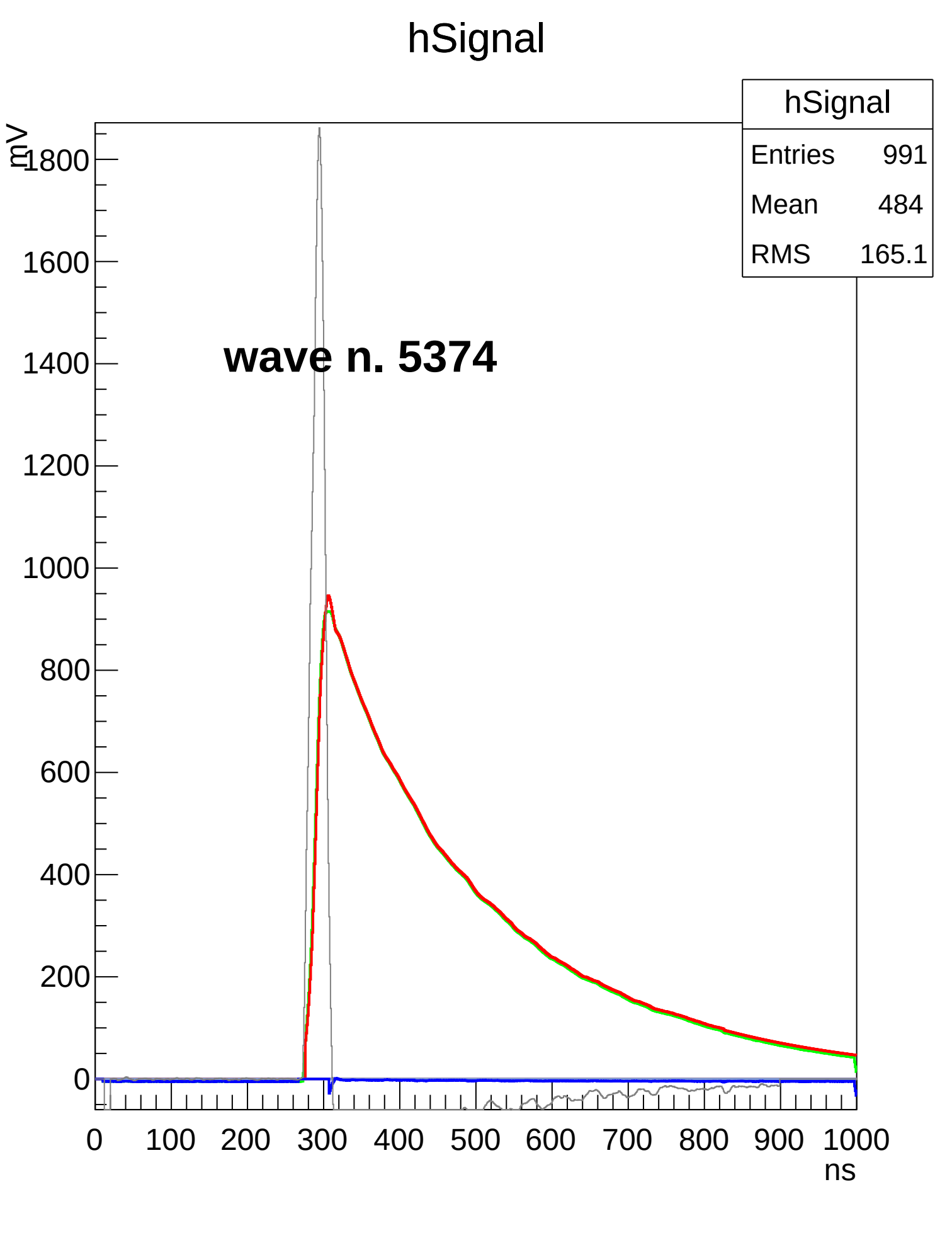
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 516.4
RMS 159.6
wave n. 5373
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 484
RMS 165.1
wave n. 5374
mV
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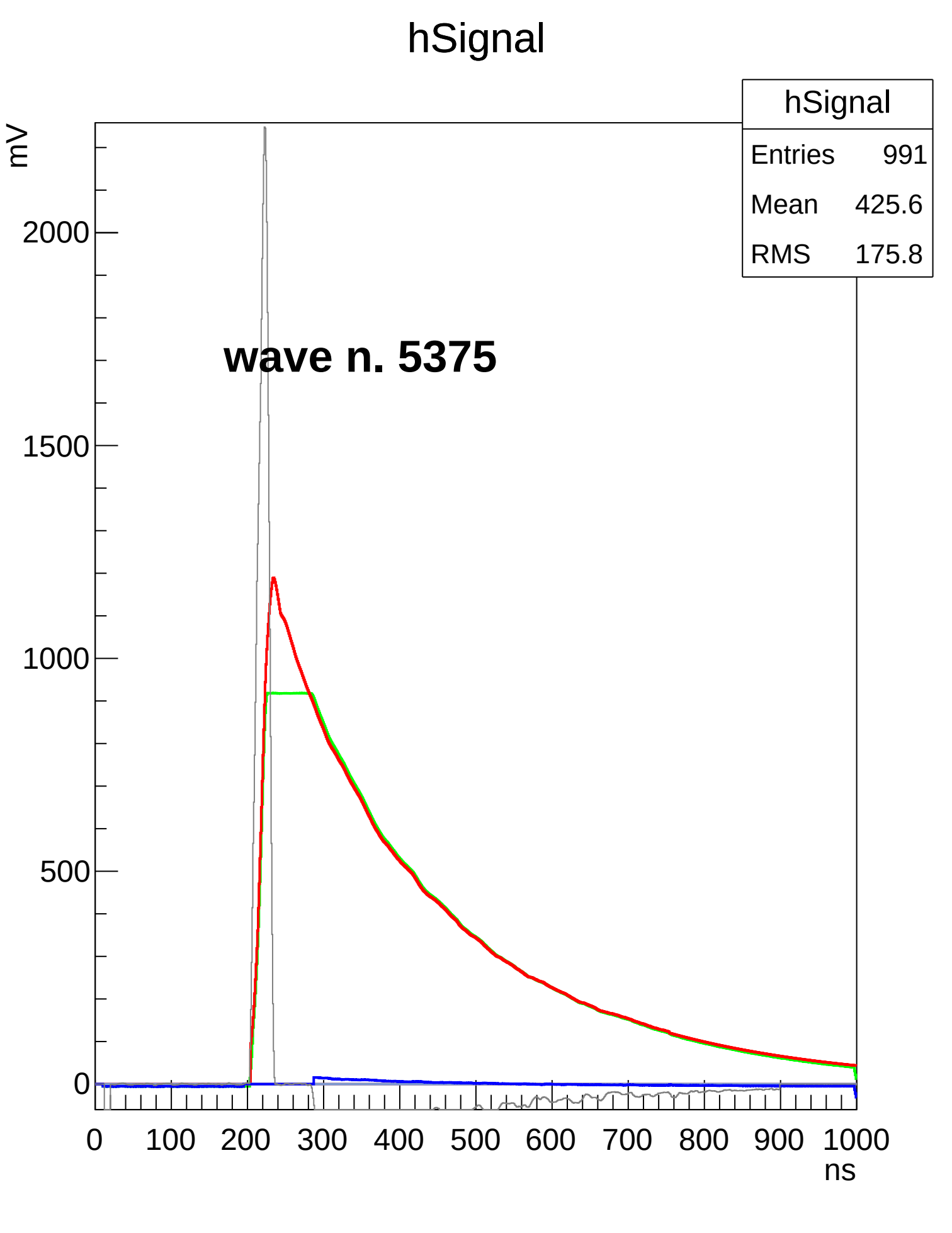
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 425.6
RMS 175.8
wave n. 5375
mV
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1500
1000
500
0
0
100
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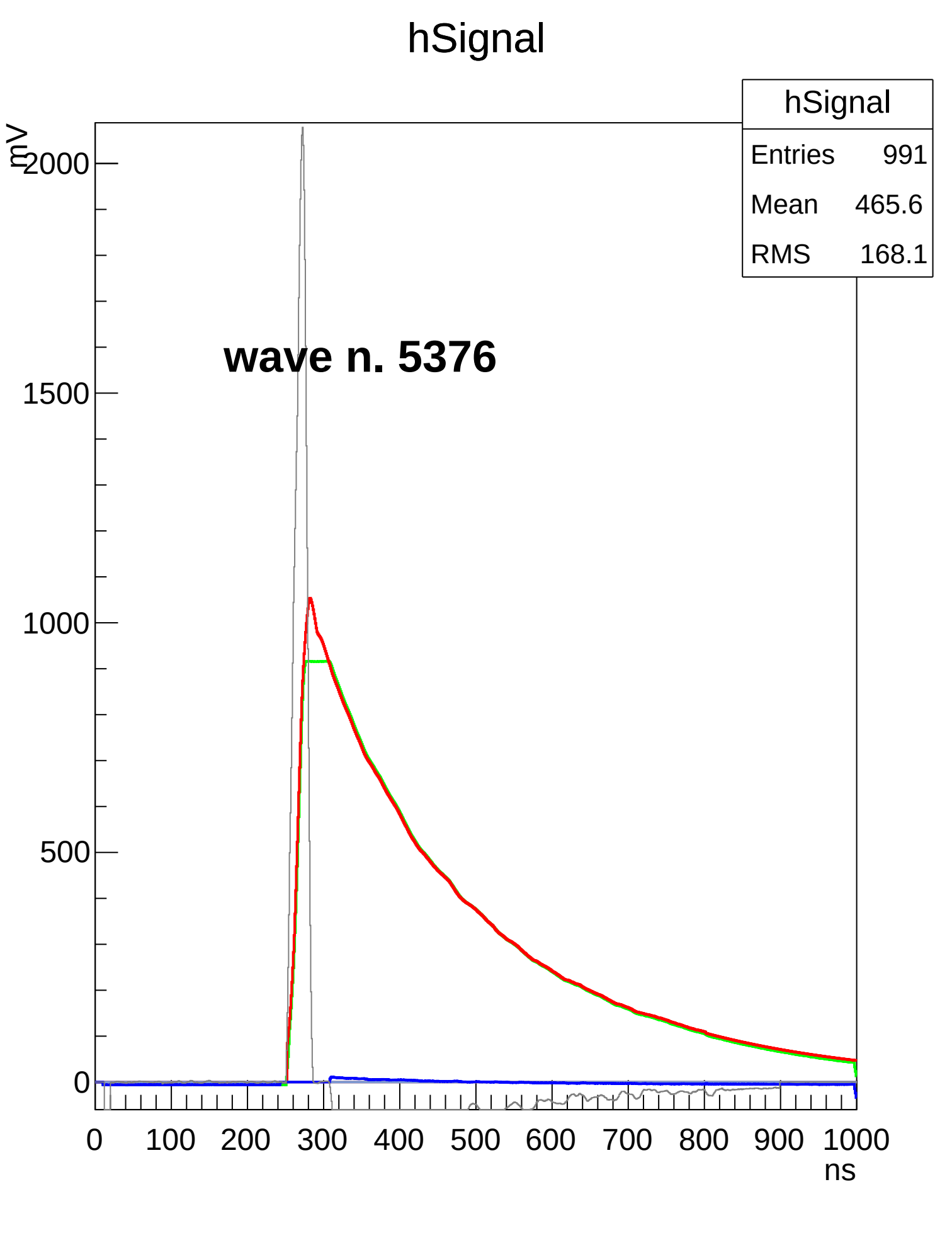
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 465.6
RMS 168.1
wave n. 5376
mV
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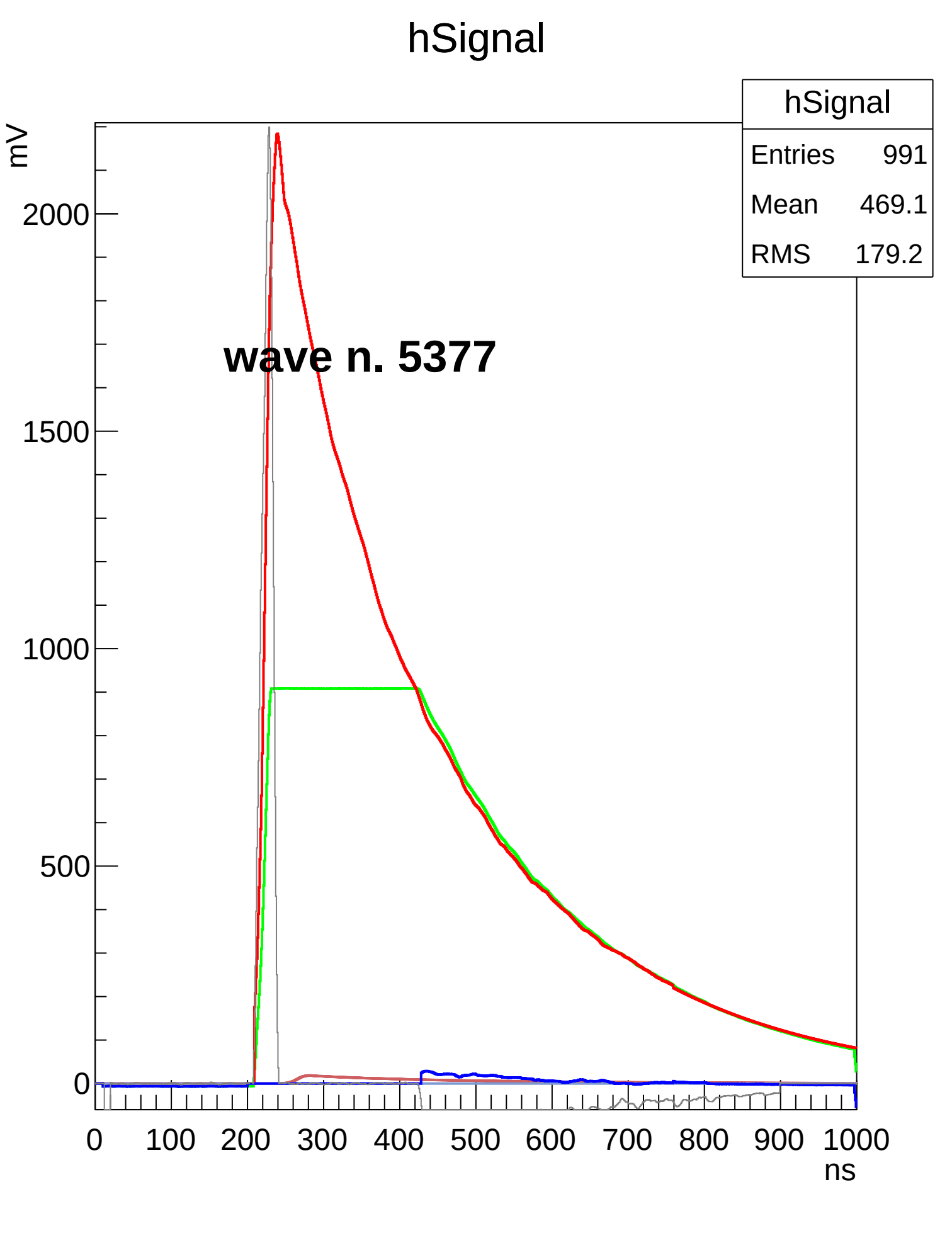
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 469.1
RMS 179.2
wave n. 5377
mV
2000
1500
1000
500
0
0
100
200
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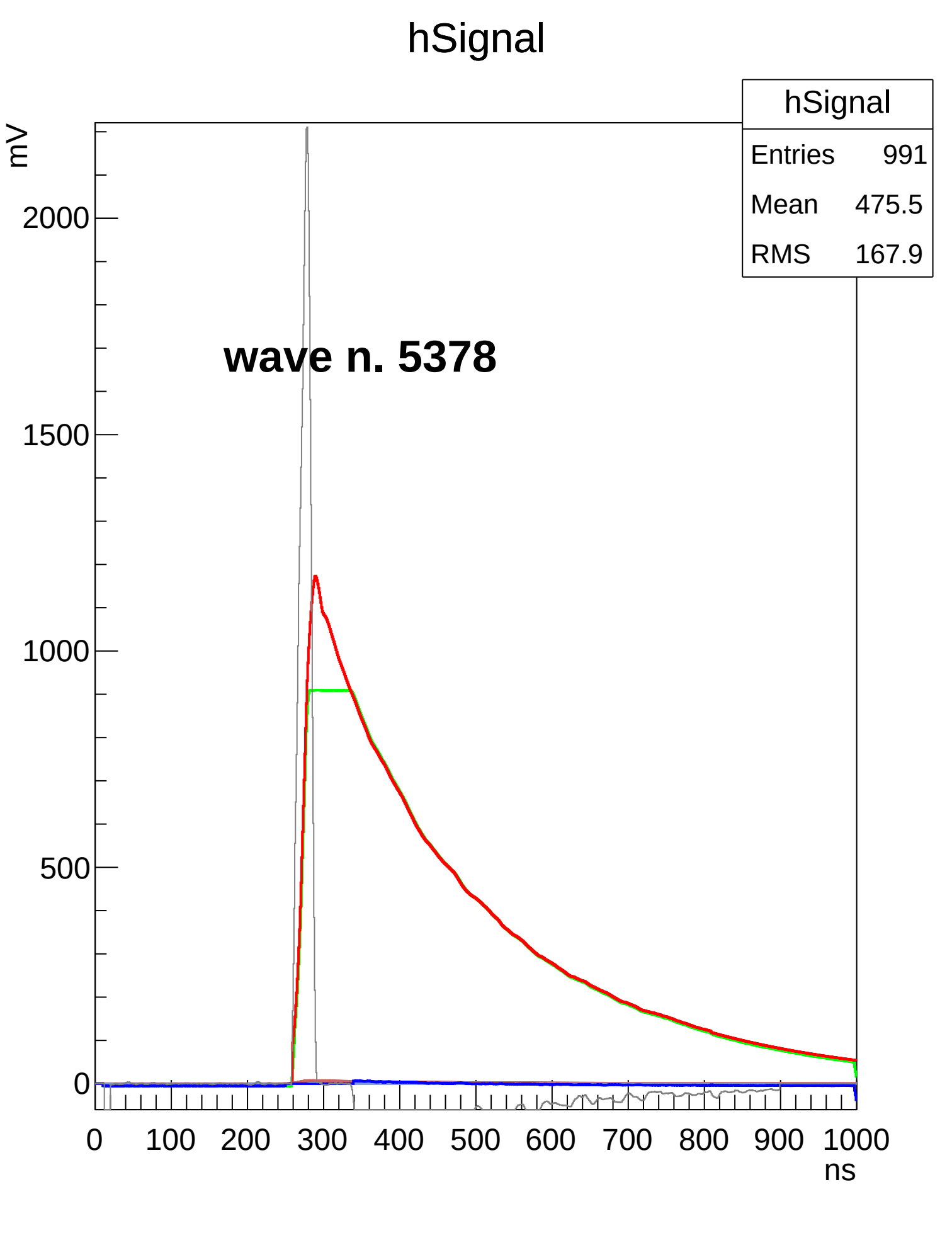
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 475.5
RMS 167.9
wave n. 5378
mV
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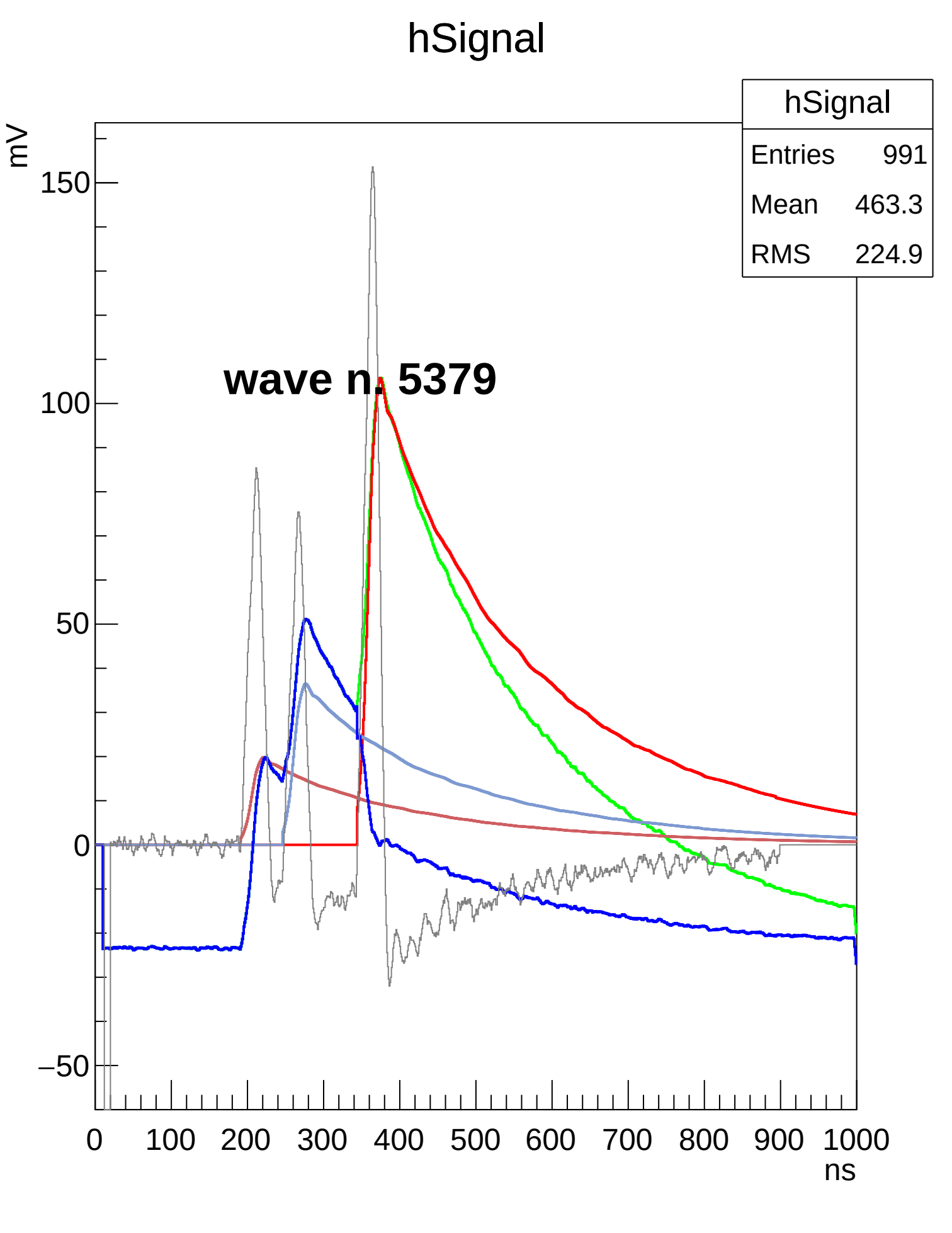
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 463.3
RMS 224.9
wave n. 5379
mV
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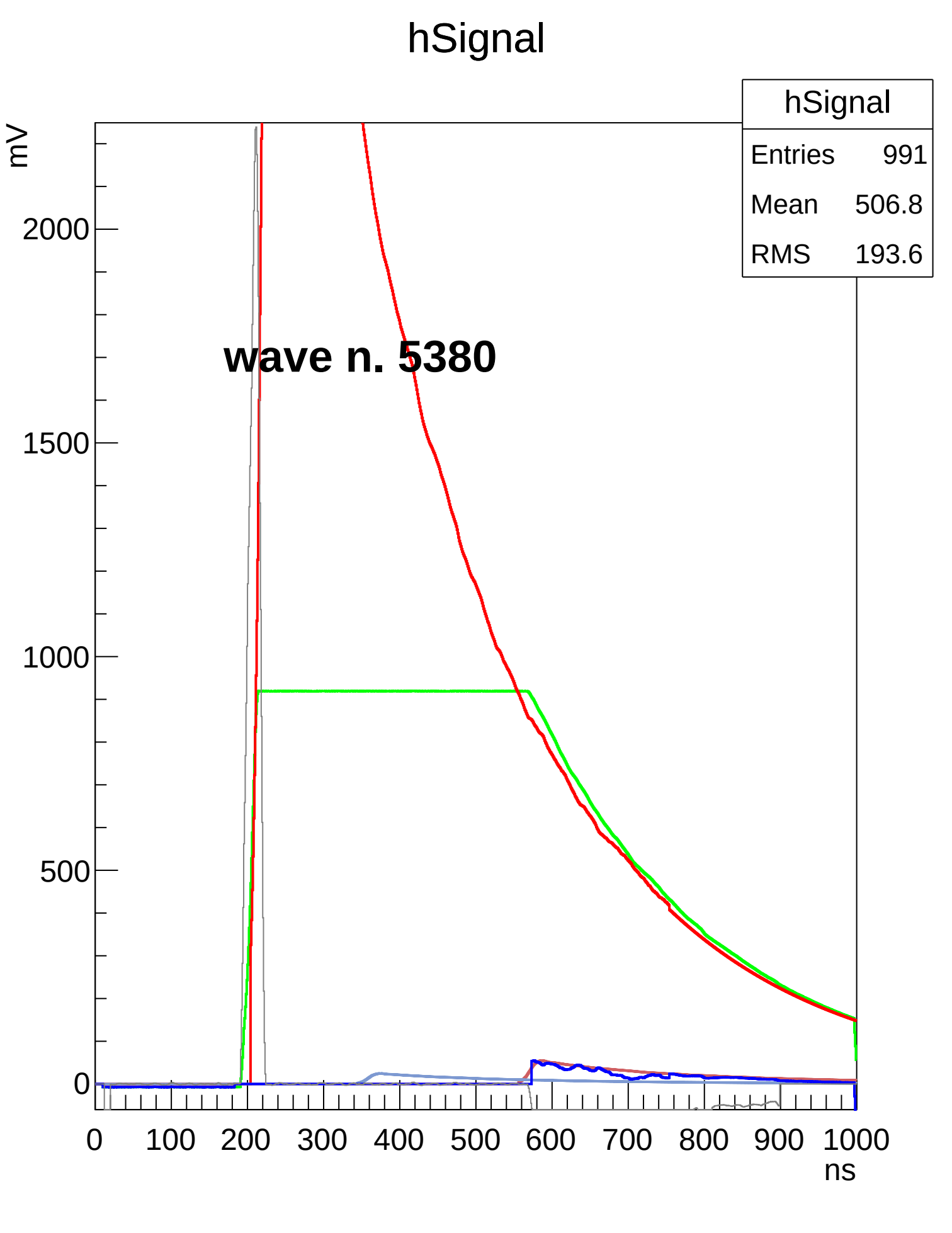
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506.8
RMS 193.6
wave n. 5380
mV
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1500
1000
500
0
0
100
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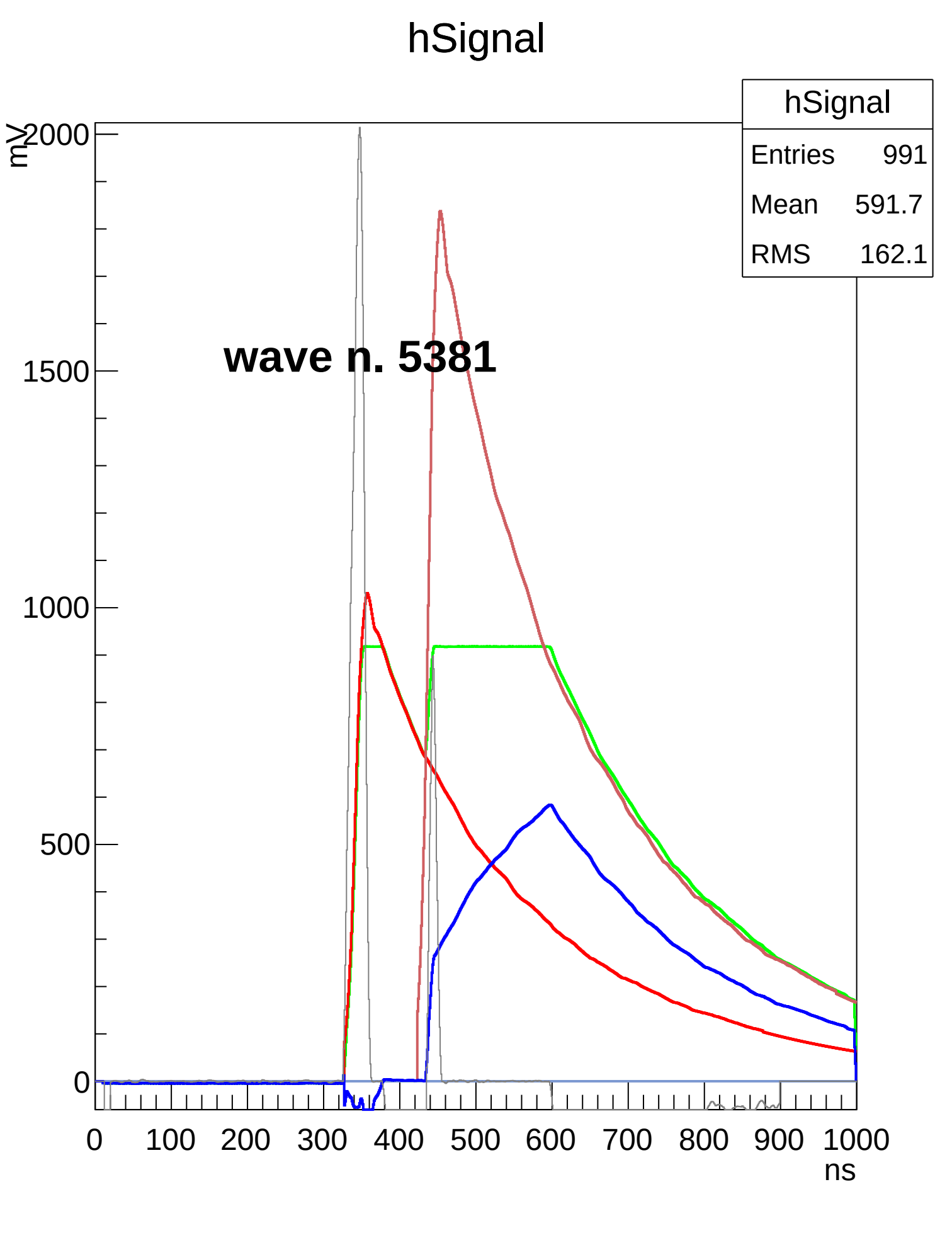
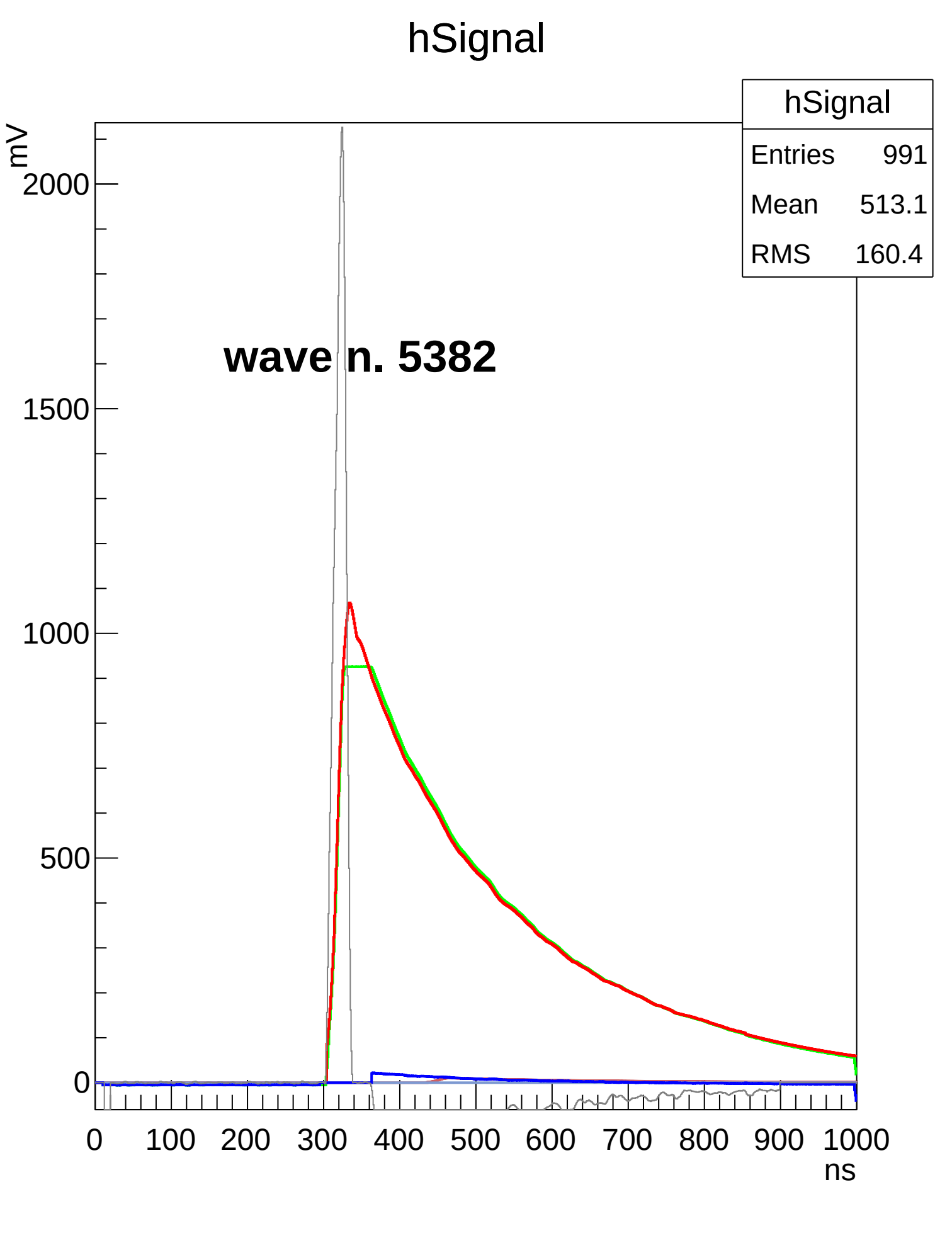
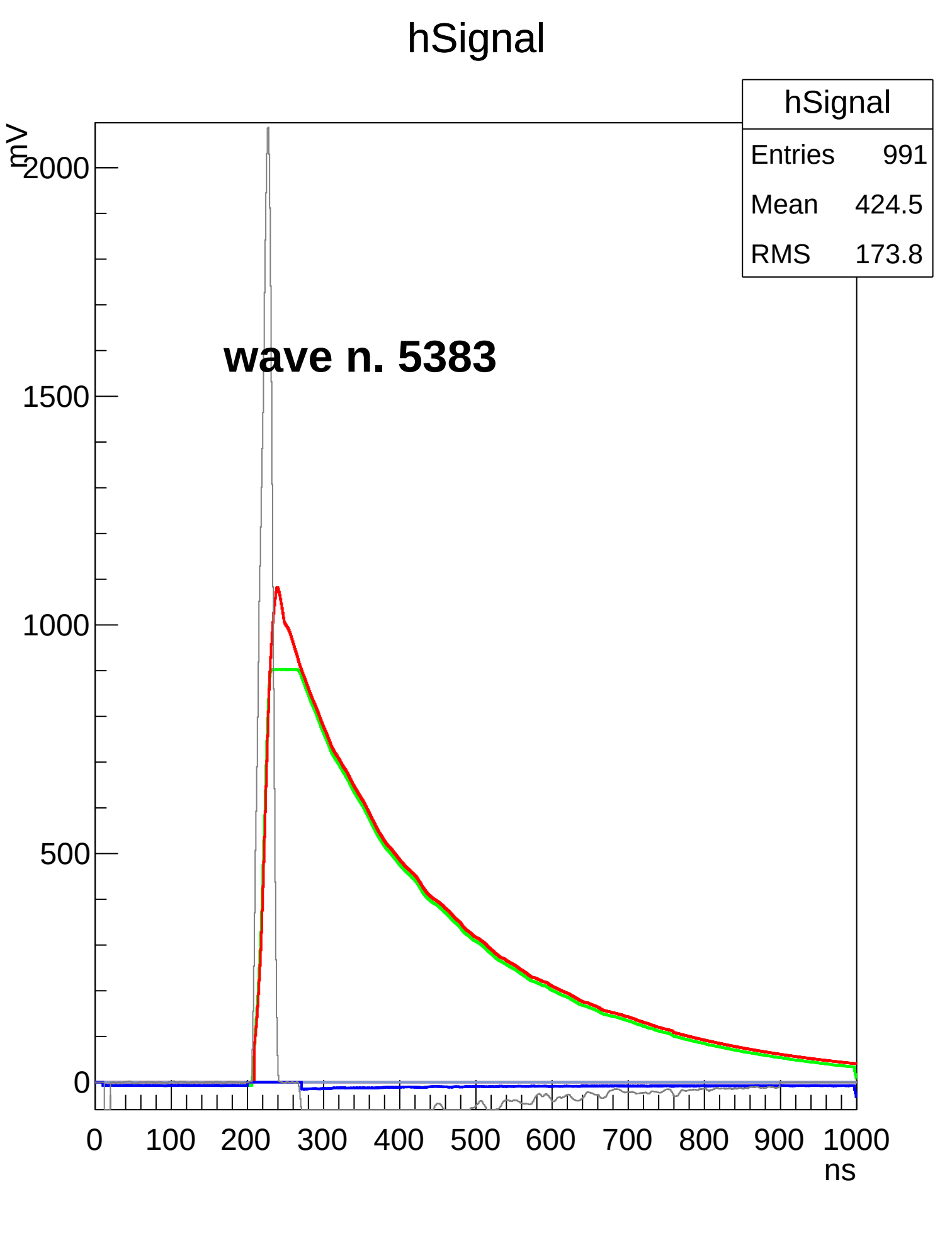
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 591.7
RMS 162.1
wave n. 5381
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513.1
RMS 160.4
wave n. 5382
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 424.5
RMS 173.8
wave n. 5383
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1500
1000
500
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0
100
200
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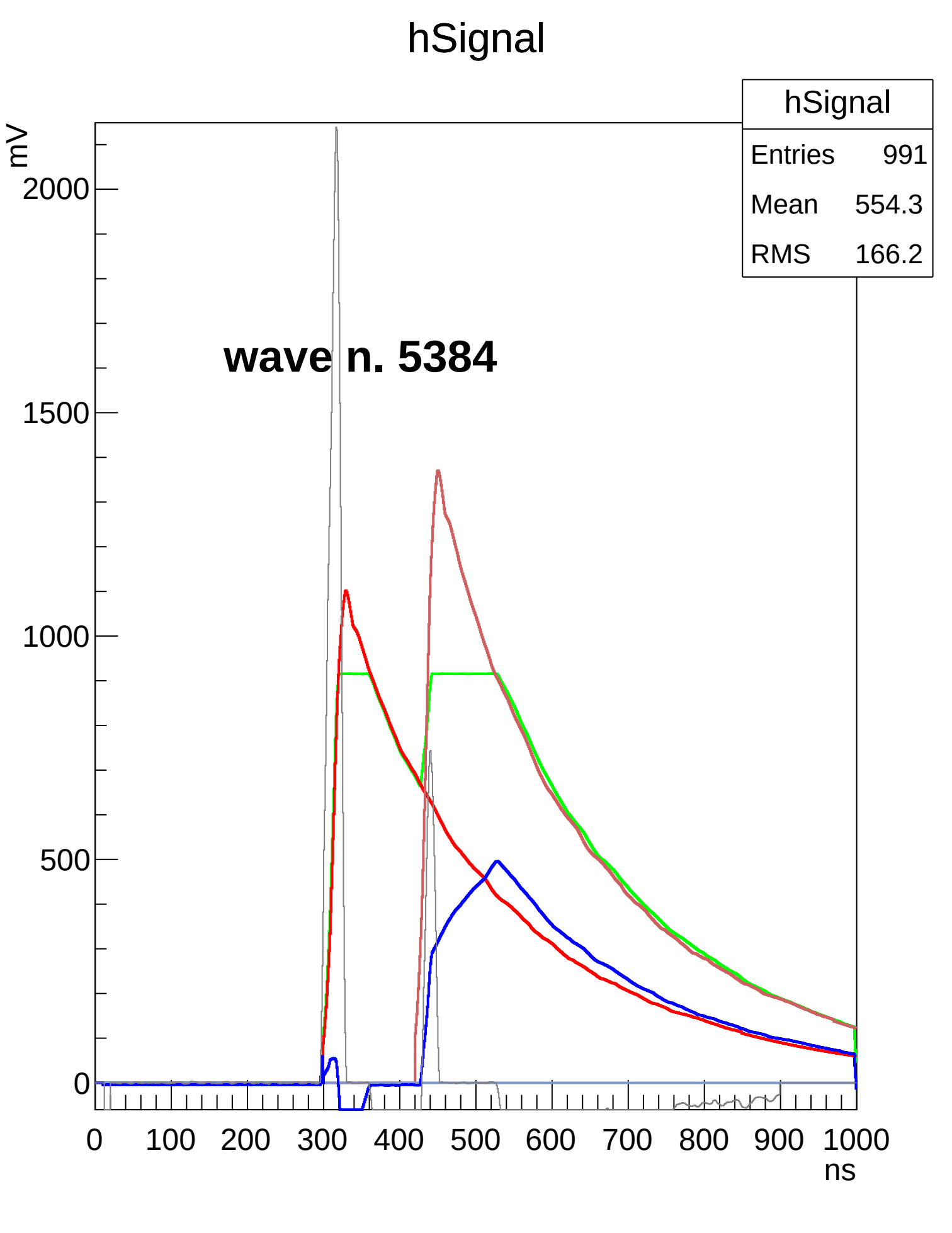
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 554.3
RMS 166.2
wave n. 5384
mV
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1500
1000
500
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0
100
200
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400
500
600
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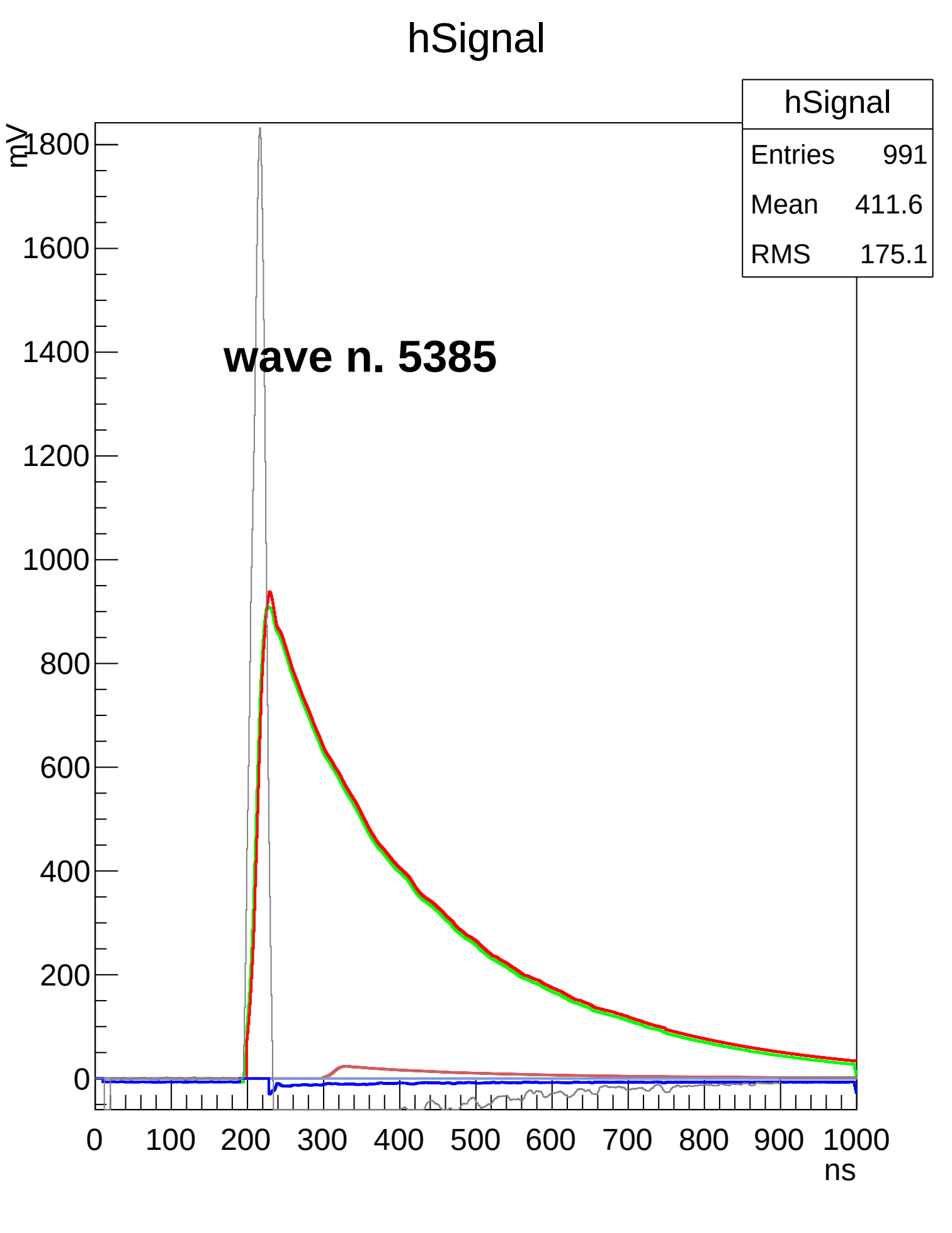
800
900
1000
ns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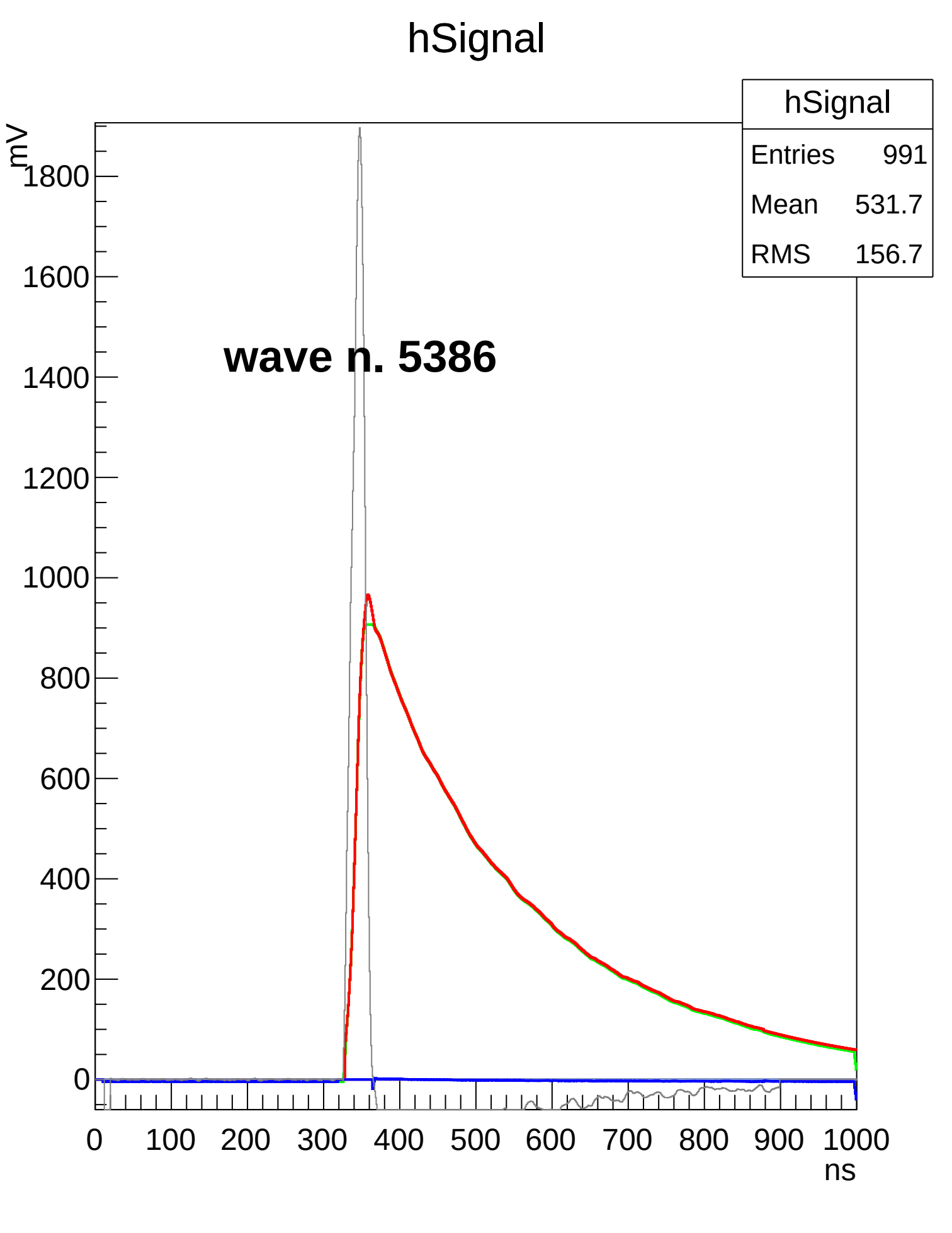
hSignal
Entries 991
Mean 411.6
RMS 175.1
wave n. 5385
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 531.7
RMS 156.7
wave n. 5386
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
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200
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400
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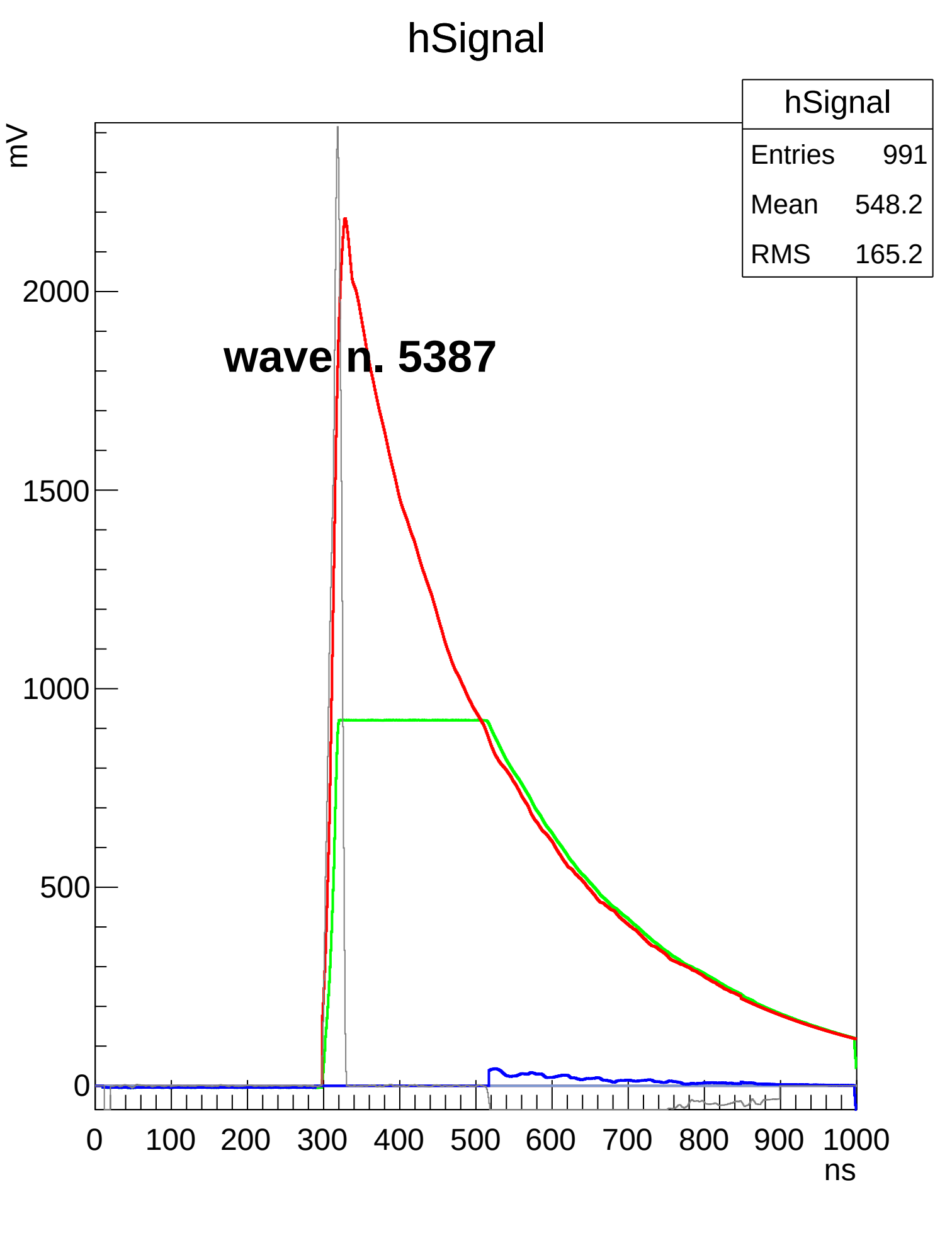
1000
ns


hSignal
hSignal
Entries 991
Mean 548.2
RMS 165.2
wave n. 5387
mV
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1000
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0
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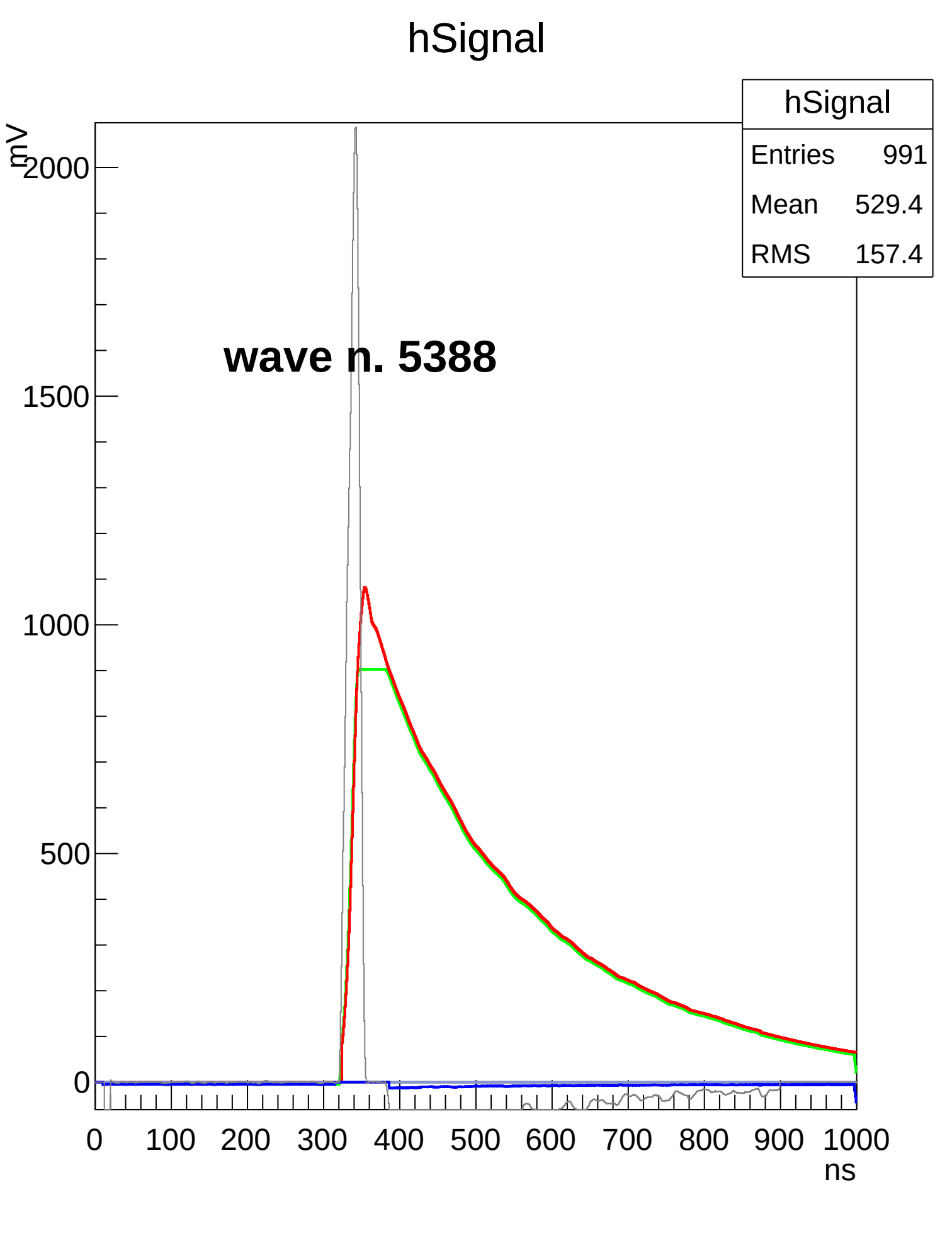
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 529.4
RMS 157.4
wave n. 5388
mV
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1500
1000
500
0
0
100
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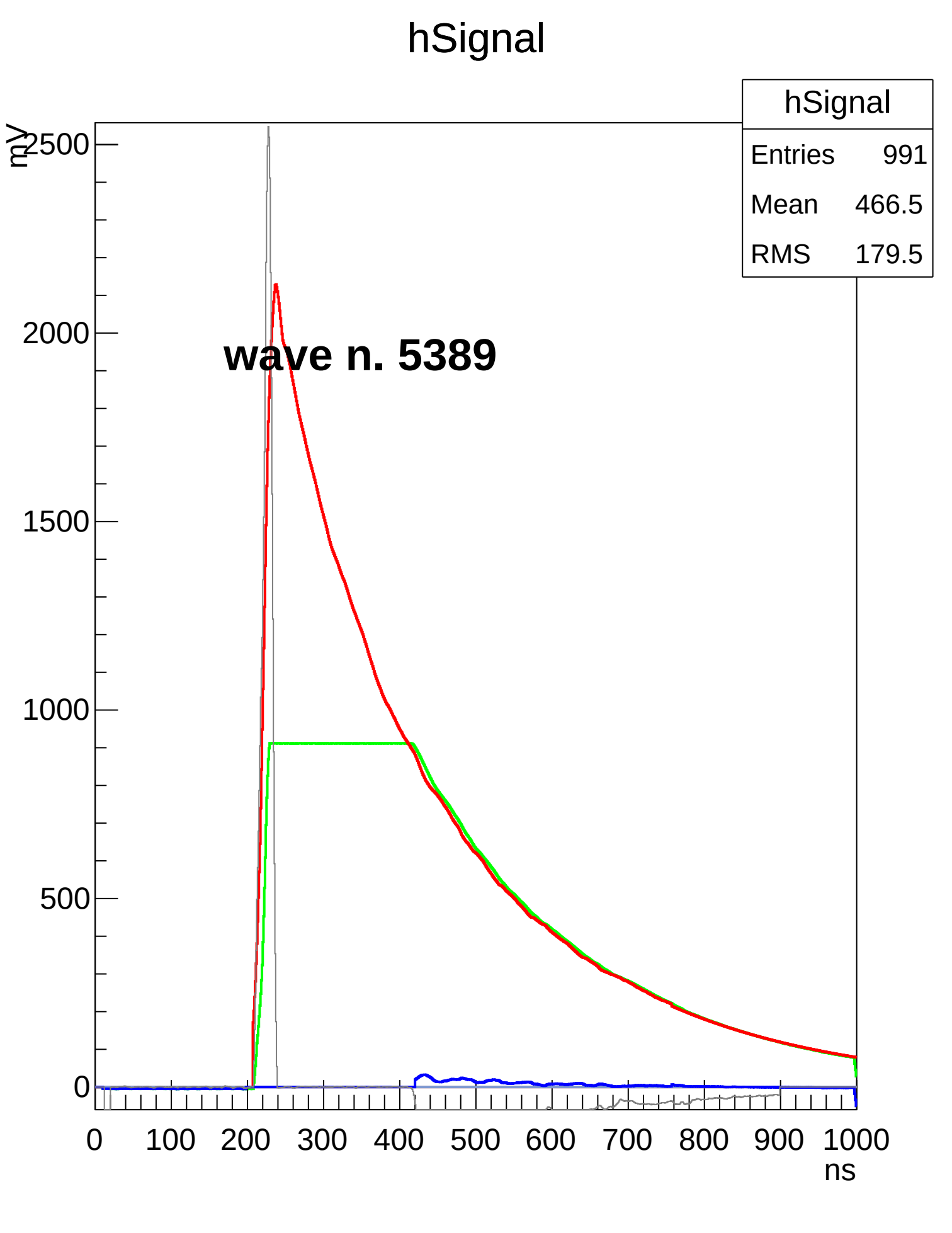
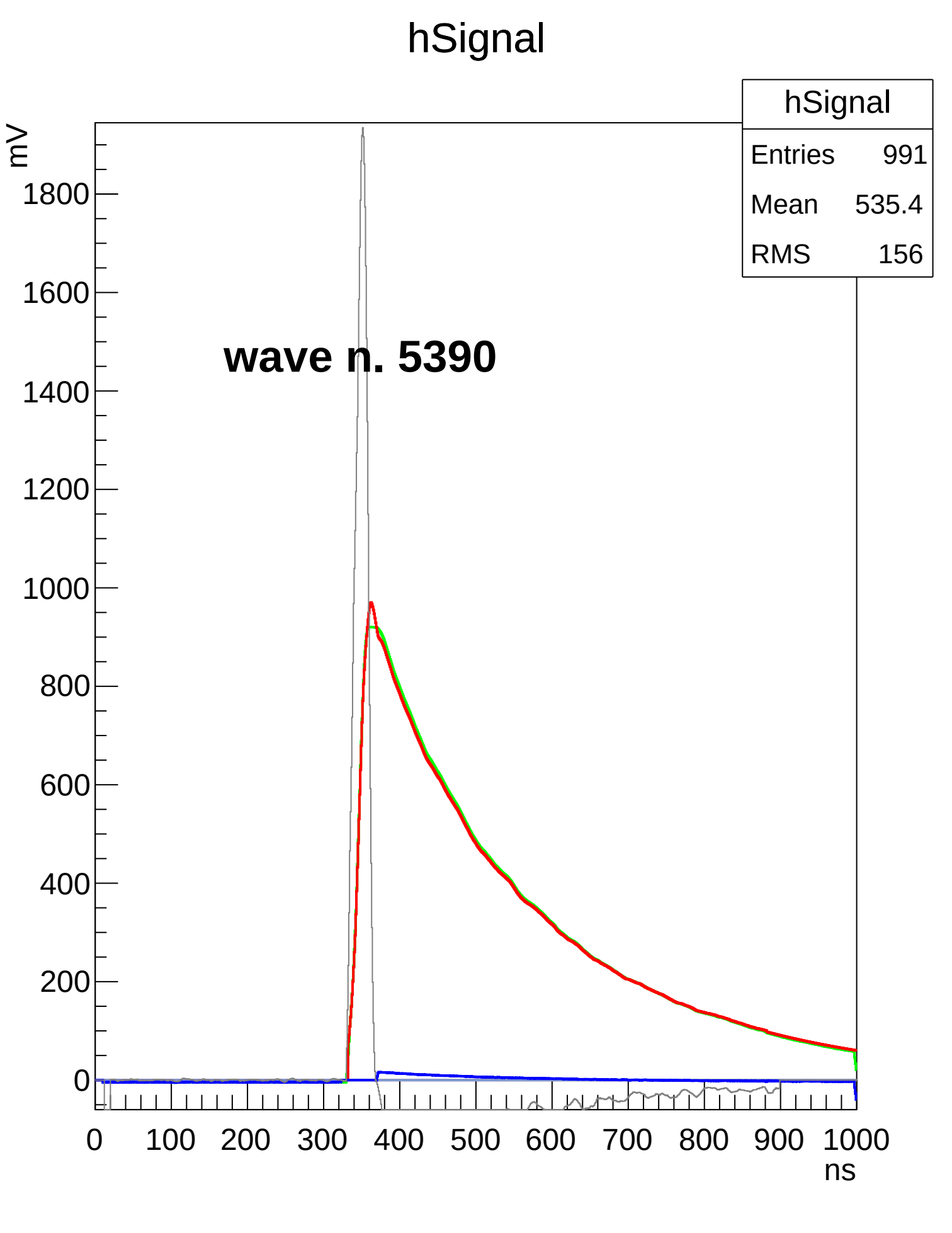
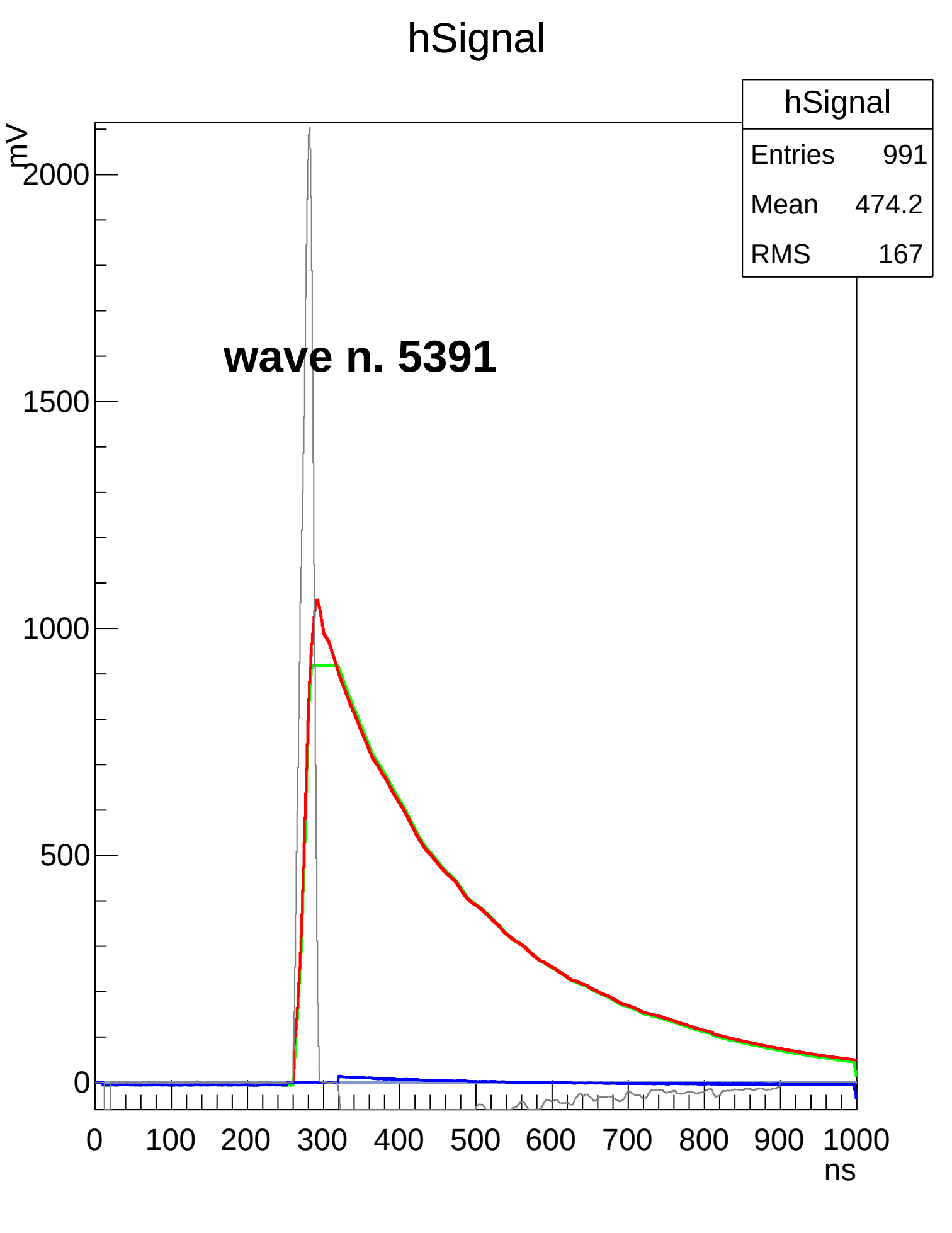
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 466.5
RMS 179.5
wave n. 5389
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 535.4
RMS 156
wave n. 5390
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 474.2
RMS 167
wave n. 5391
mV
2000
1500
1000
500
0
0
100
200
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400
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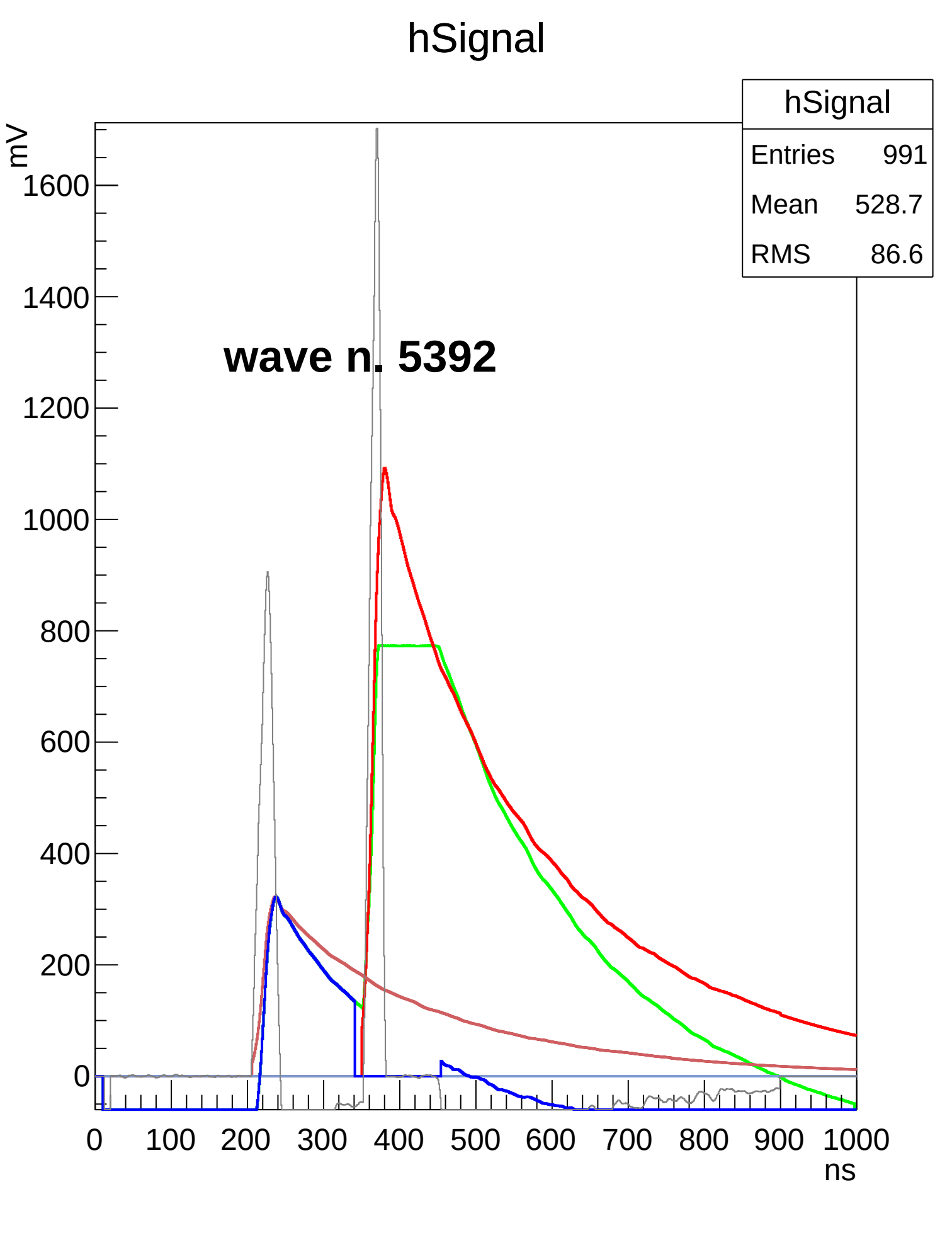
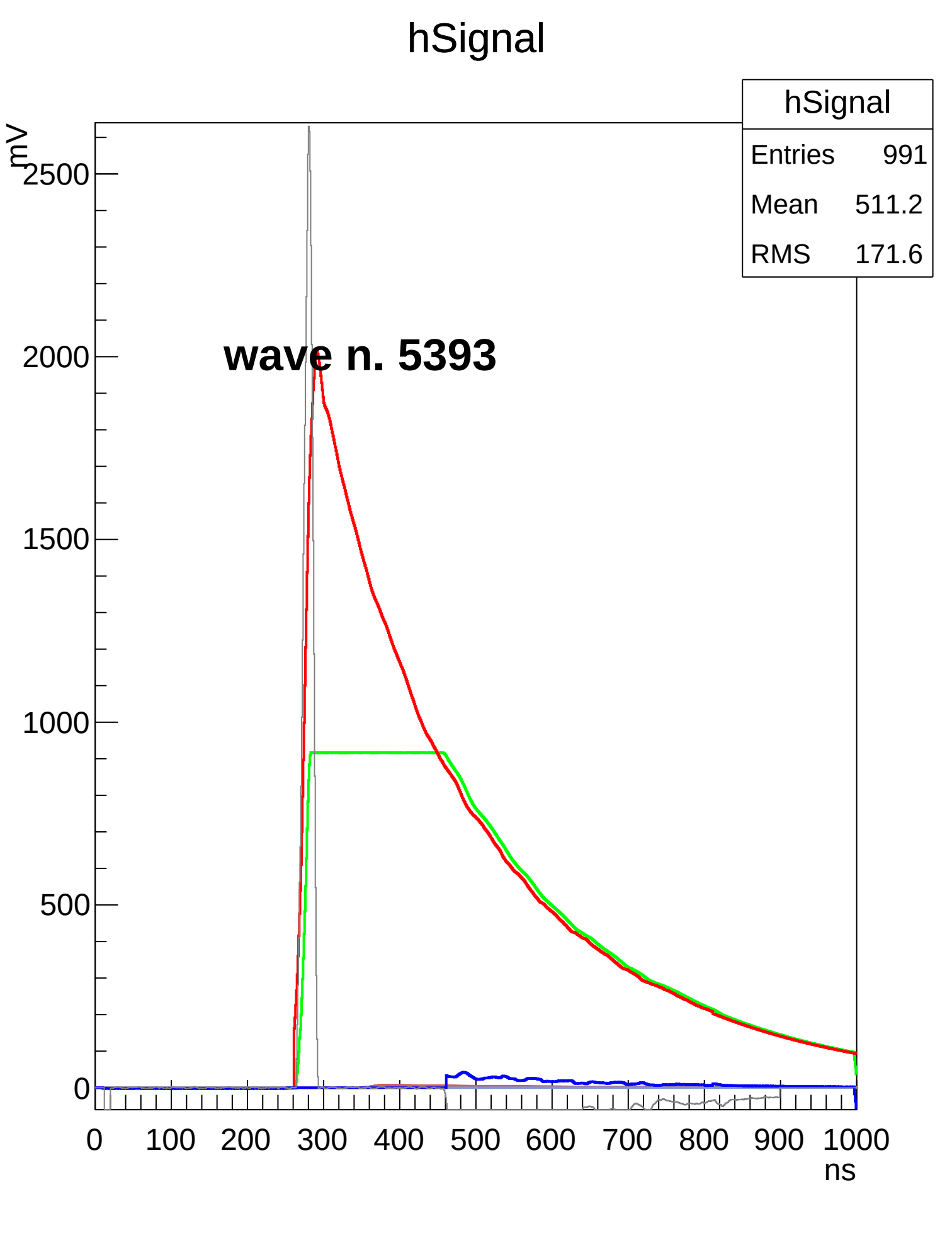
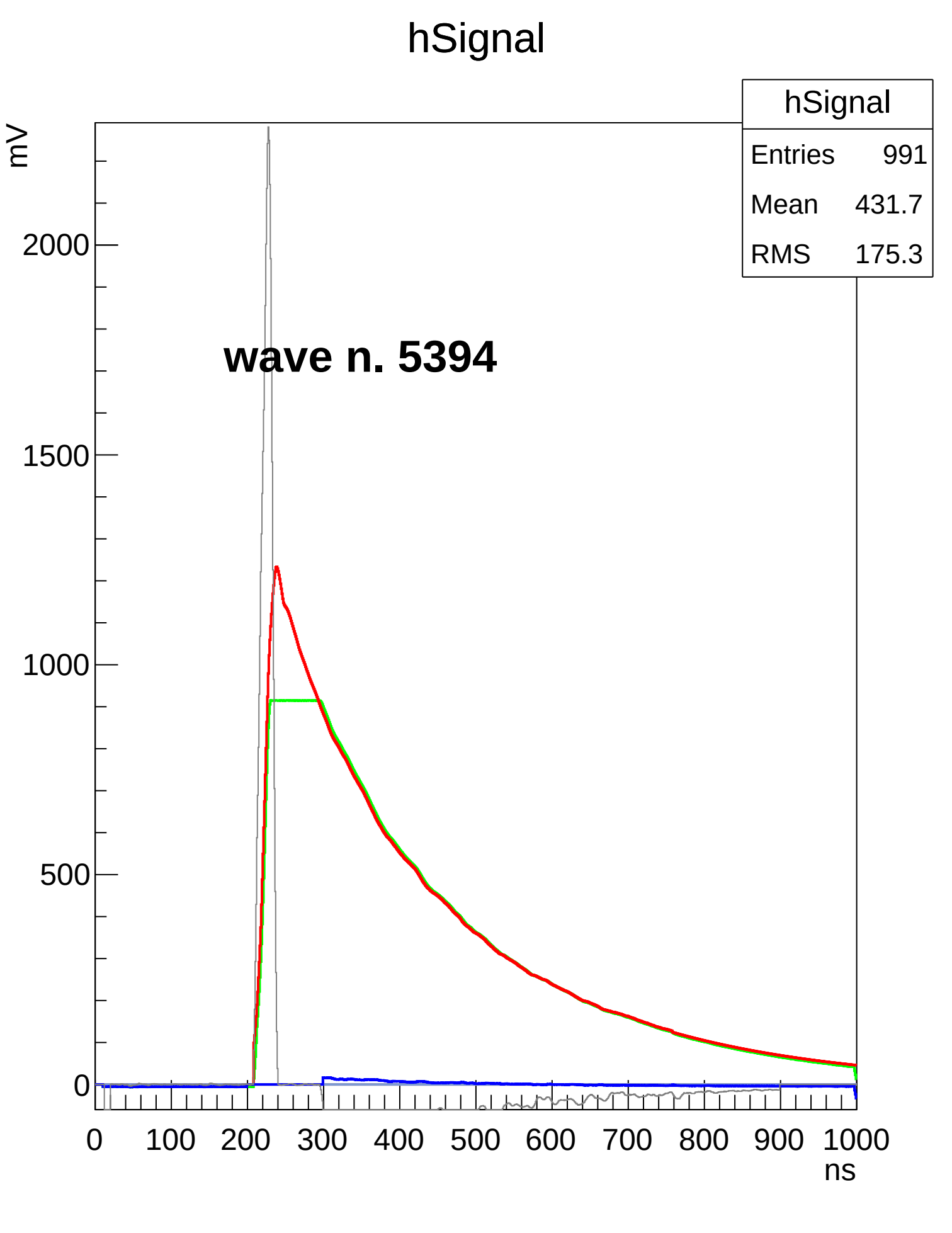
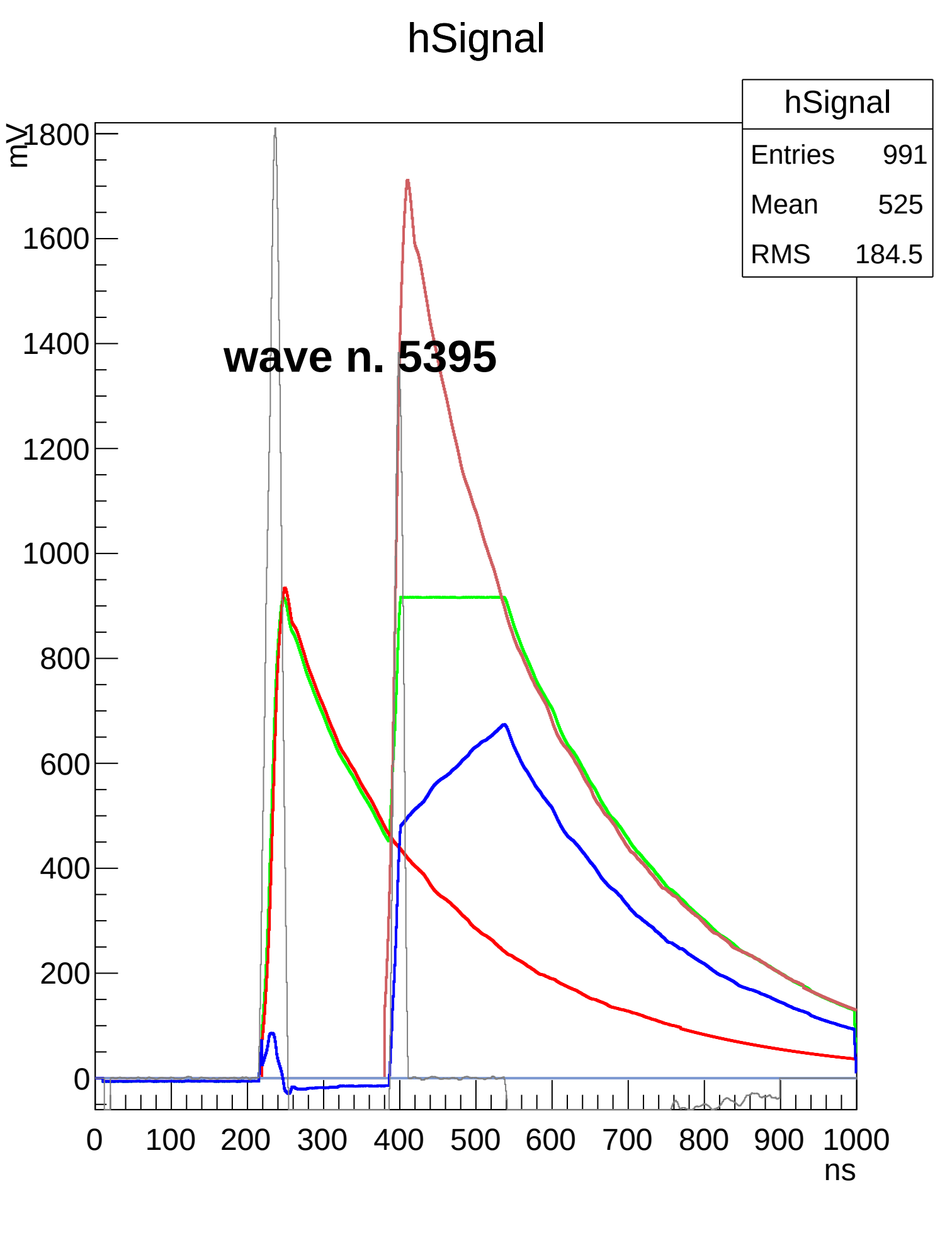
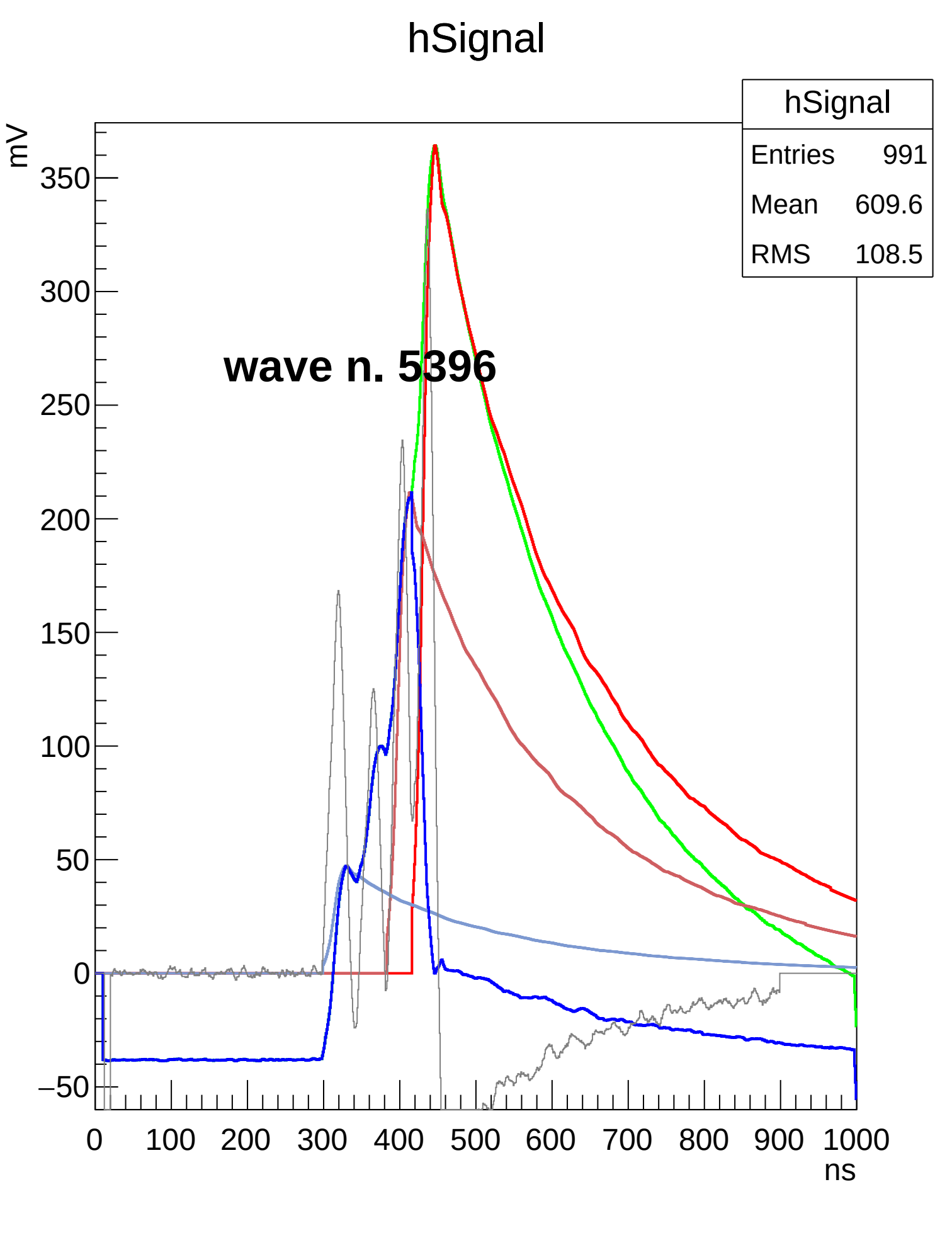
700
800
900
1000
ns

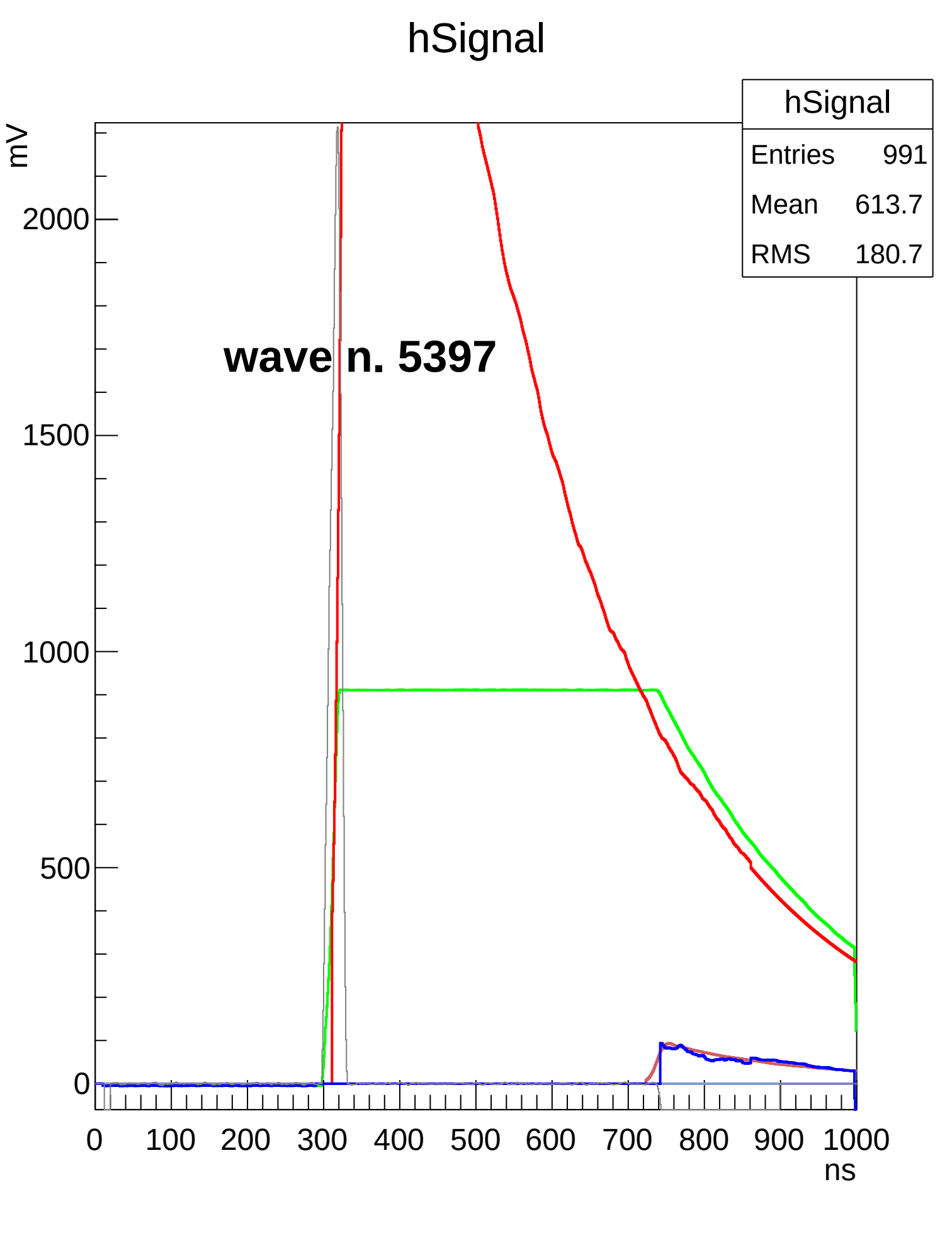

hSignal
hSignal
Entries 991
Mean 528.7
RMS 86.6
wave n. 5392
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 511.2
RMS 171.6
wave n. 5393
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 431.7
RMS 175.3
wave n. 5394
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 525
RMS 184.5
wave n. 5395
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 609.6
RMS 108.5
wave n. 5396
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 613.7
RMS 180.7
wave n. 5397
mV
2000
1500
1000
500
0
0
100
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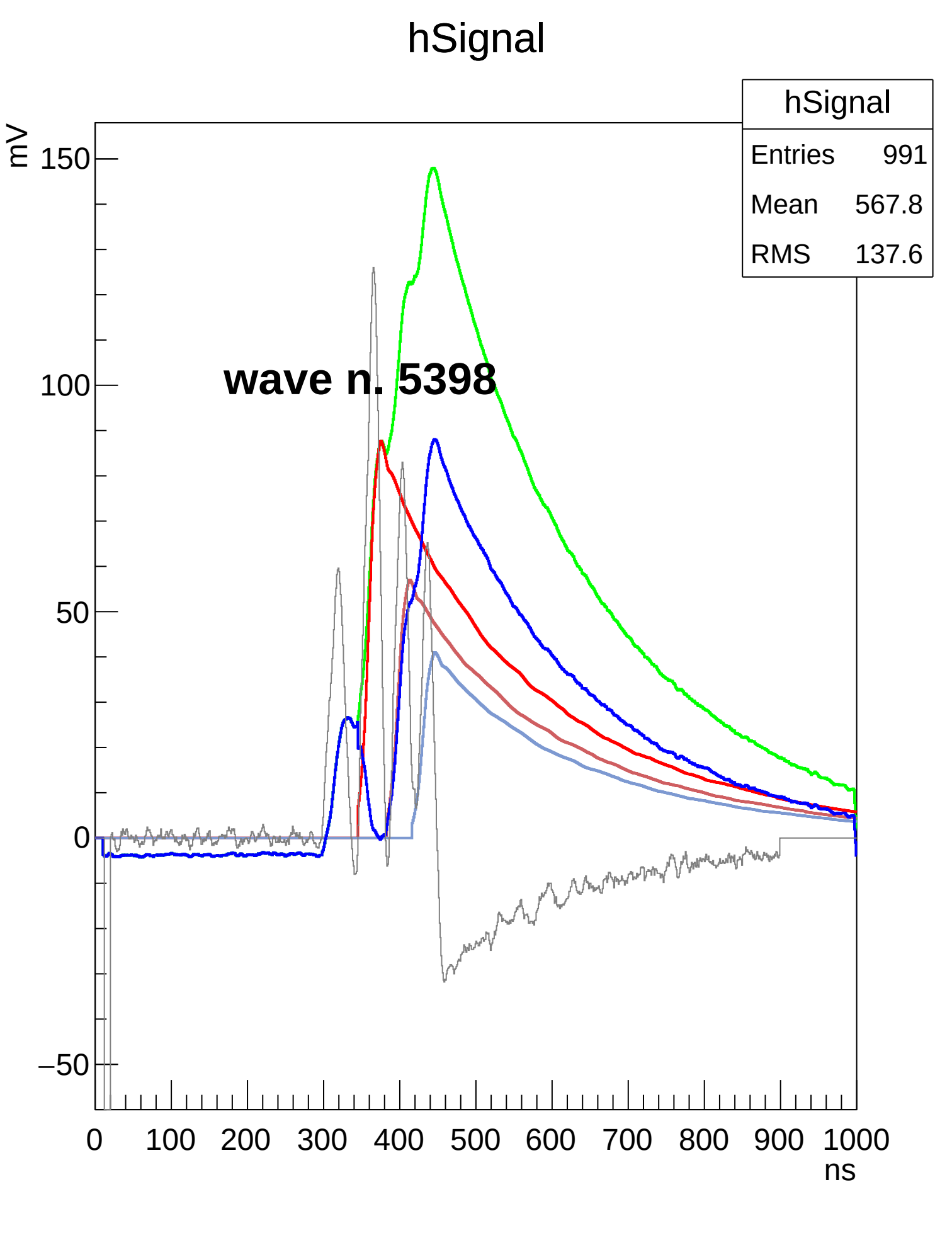
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 567.8
RMS 137.6
wave n. 5398
mV
150
100
50
0
−50
0
100
200
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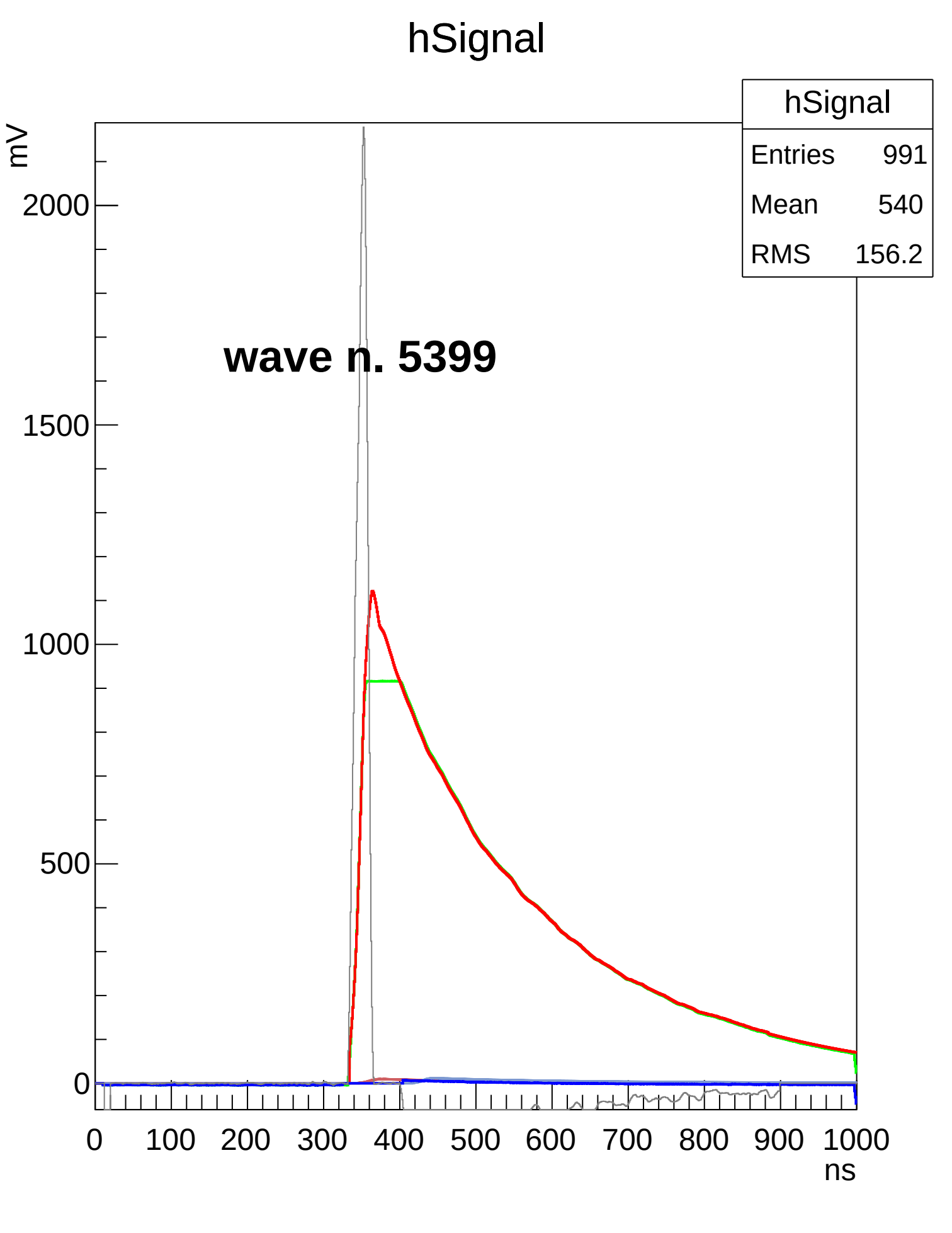
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 540
RMS 156.2
wave n. 5399
mV
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1500
1000
500
0
0
100
200
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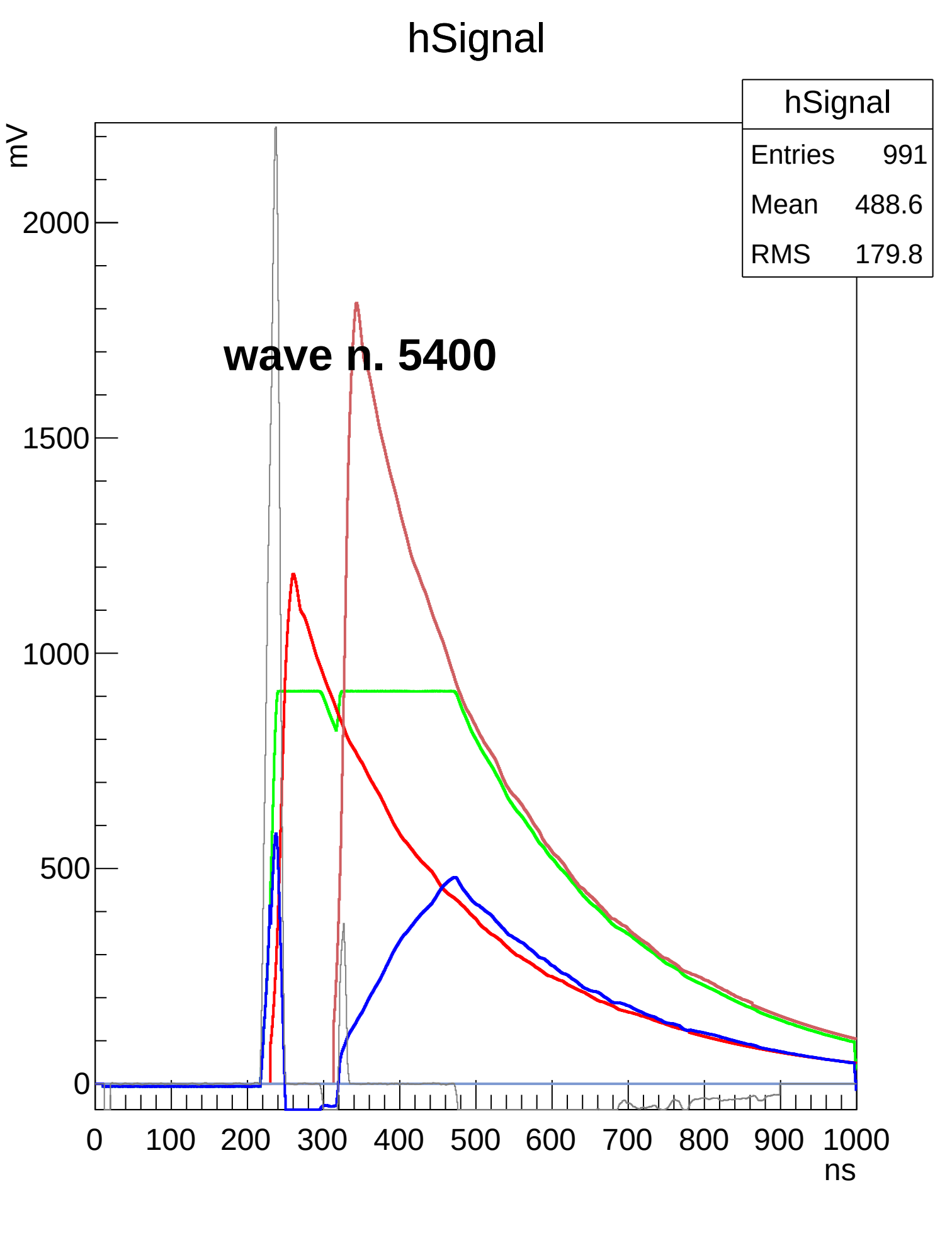
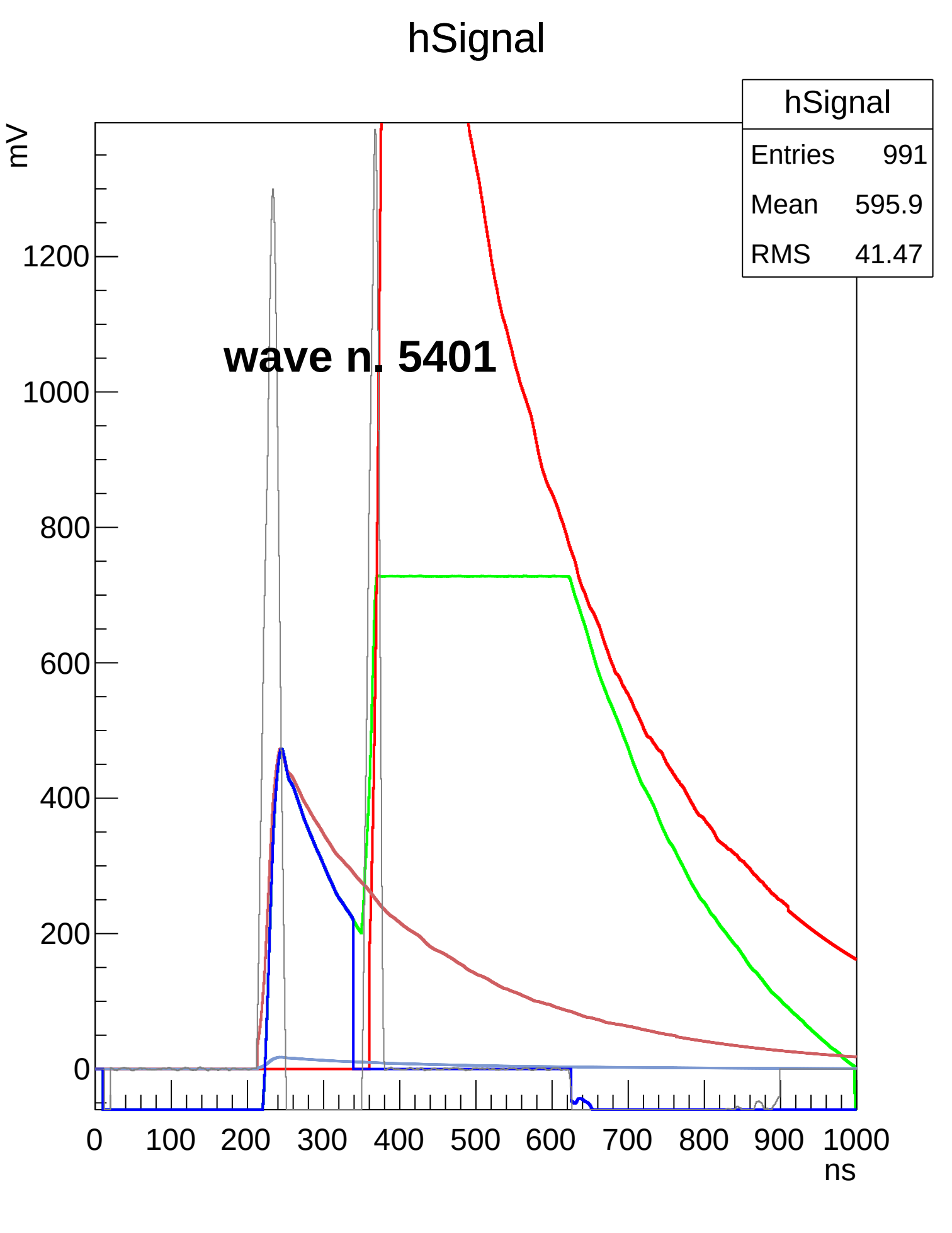
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 488.6
RMS 179.8
wave n. 5400
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 595.9
RMS 41.47
wave n. 5401
mV
1200
1000
800
600
400
200
0
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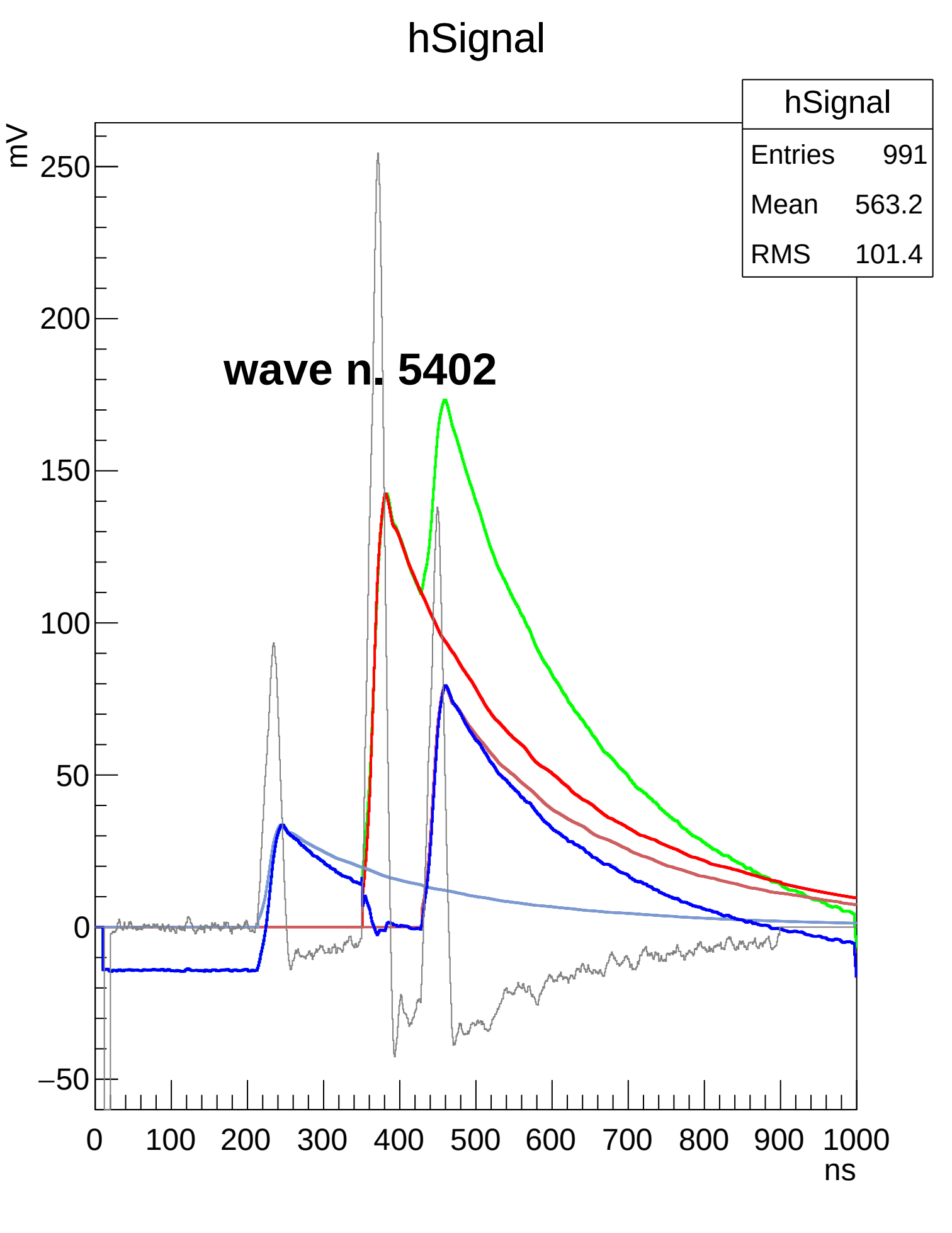
ns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hSignal
Entries 991
Mean 563.2
RMS 101.4
wave n. 5402
mV
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200
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100
50
0
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0
100
200
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400
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600
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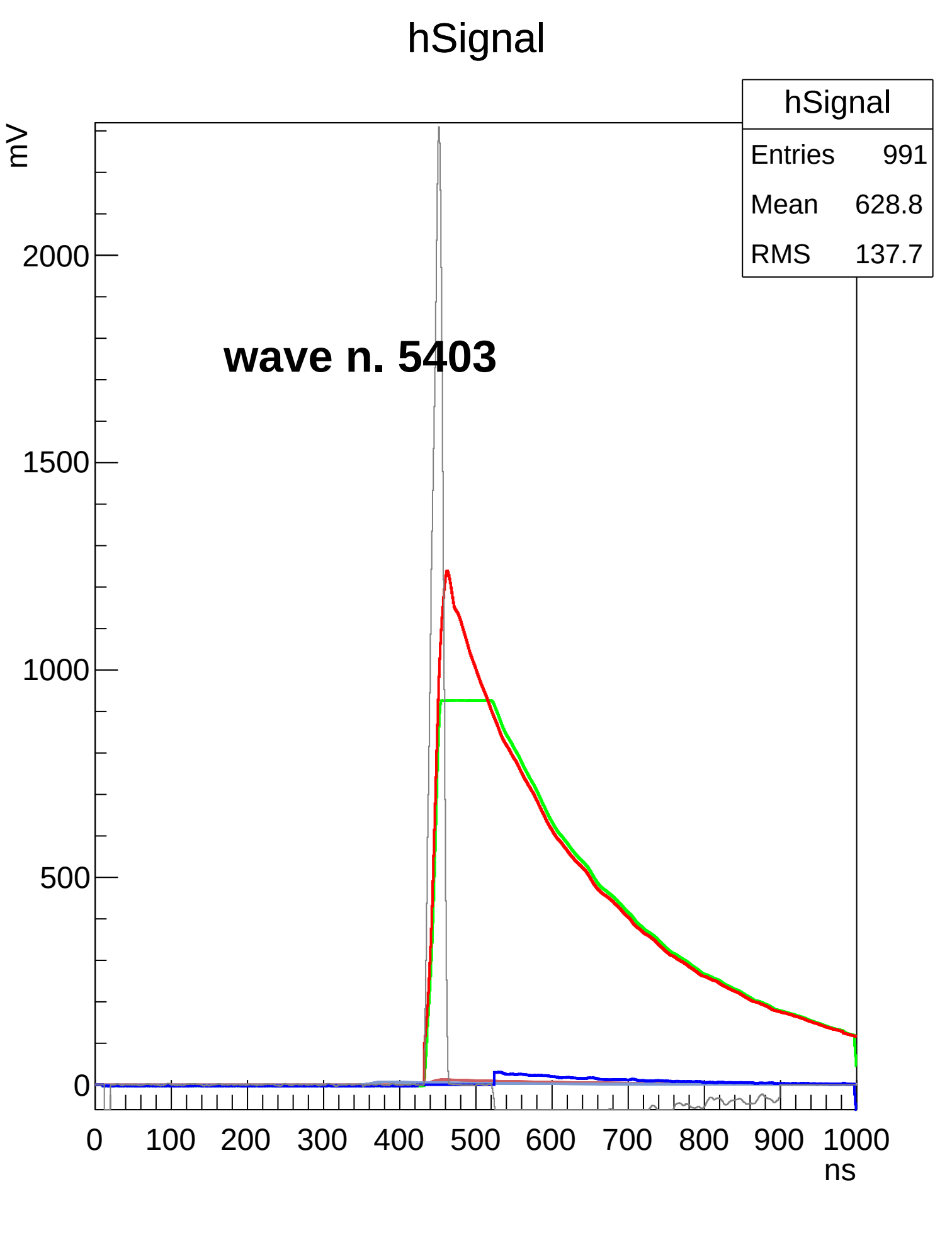
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 628.8
RMS 137.7
wave n. 5403
mV
2000
1500
1000
500
0
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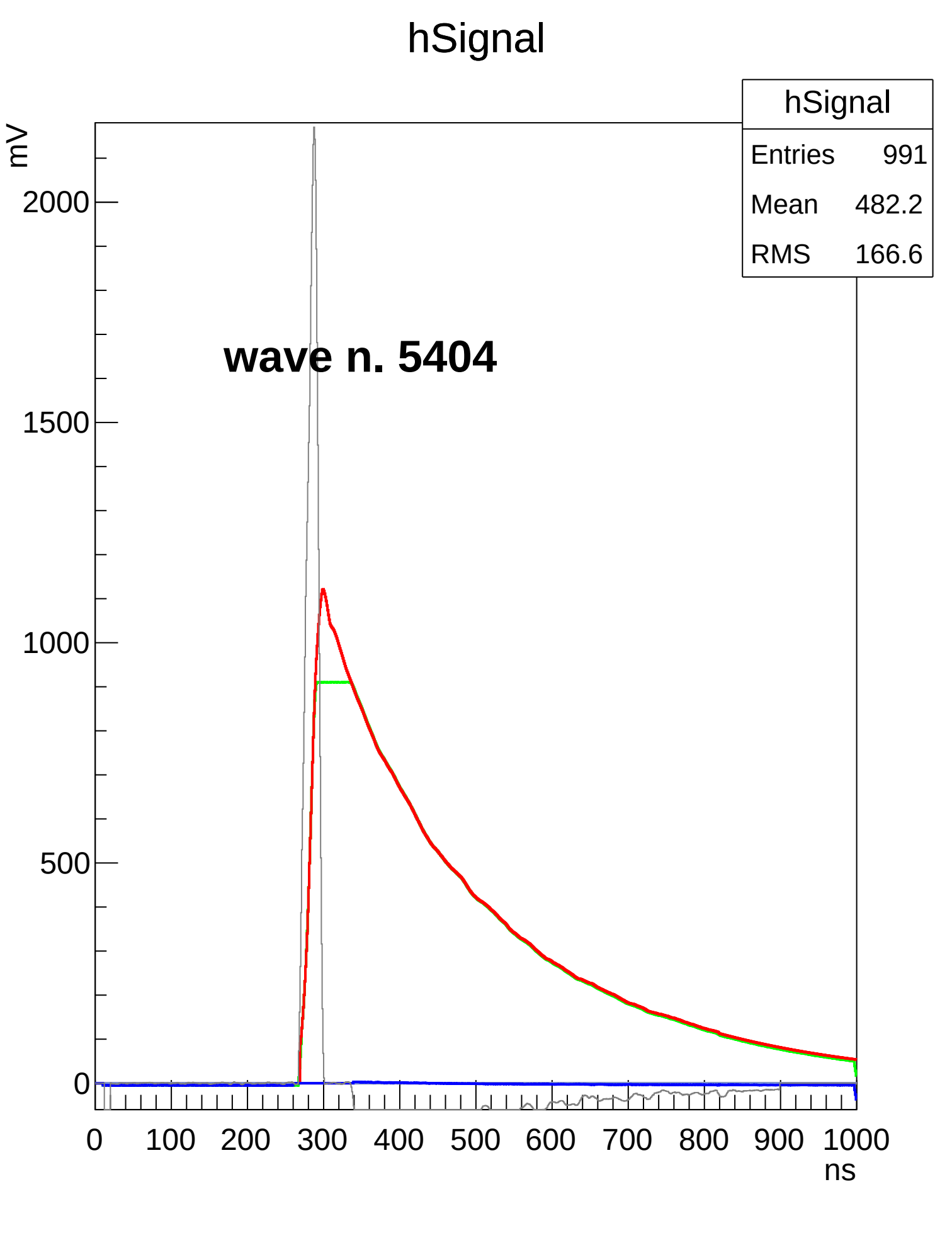
ns


hSignal
hSignal
Entries 991
Mean 482.2
RMS 166.6
wave n. 5404
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1000
500
0
0
100
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400
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800
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1000
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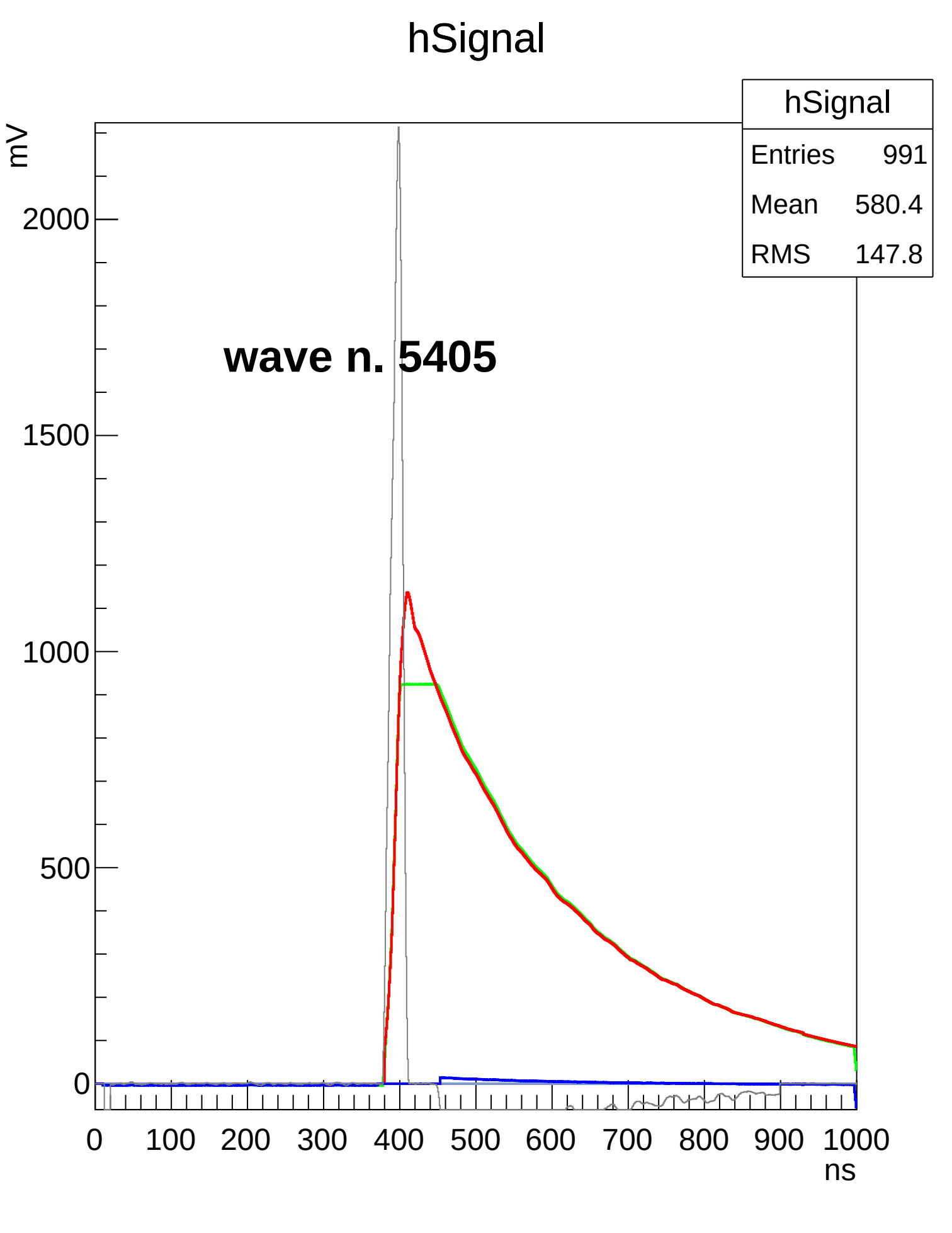
hSignal
hSignal
Entries 991
Mean 580.4
RMS 147.8
wave n. 5405
mV
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1500
1000
500
0
0
100
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400
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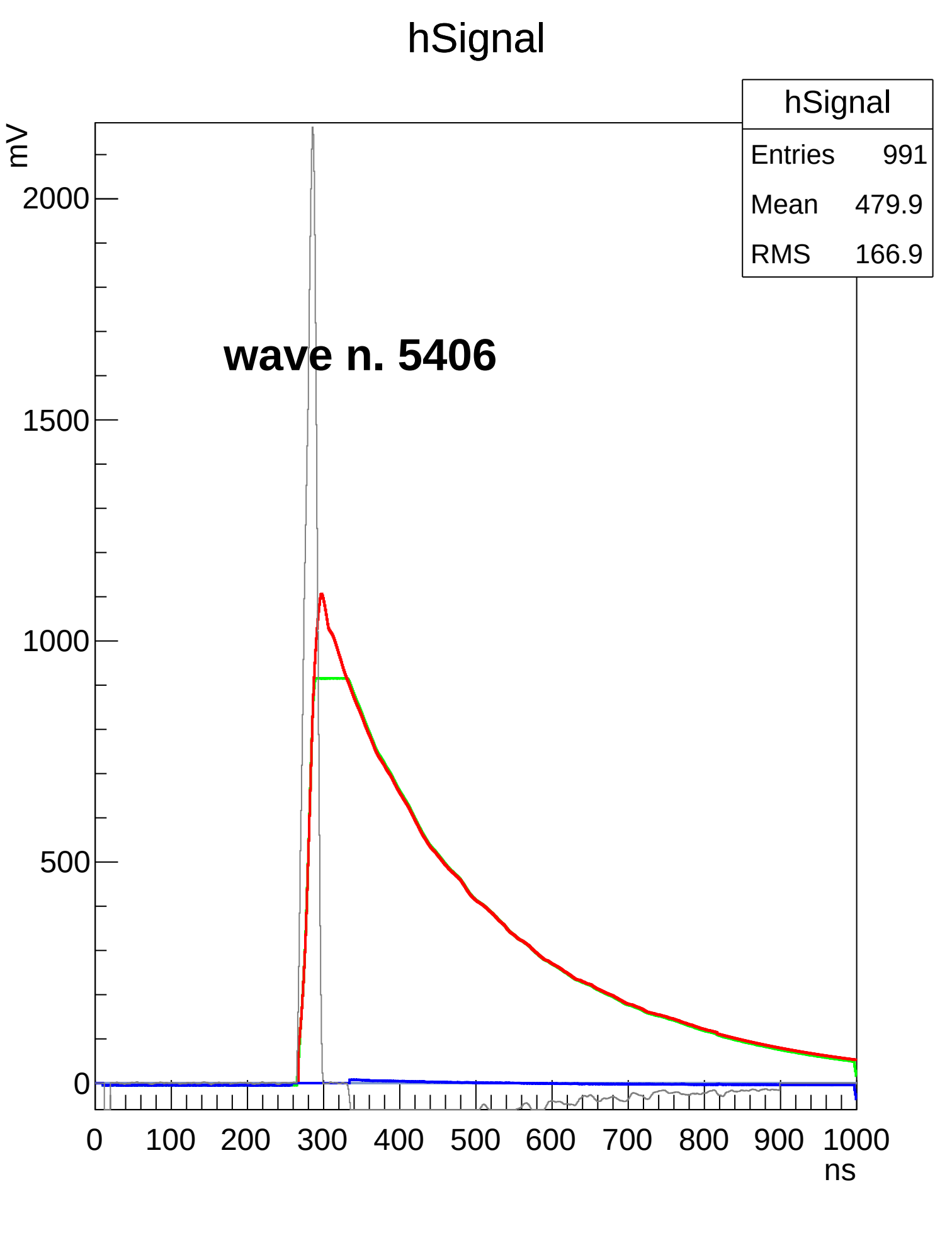
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 479.9
RMS 166.9
wave n. 5406
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500
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0
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400
500
600
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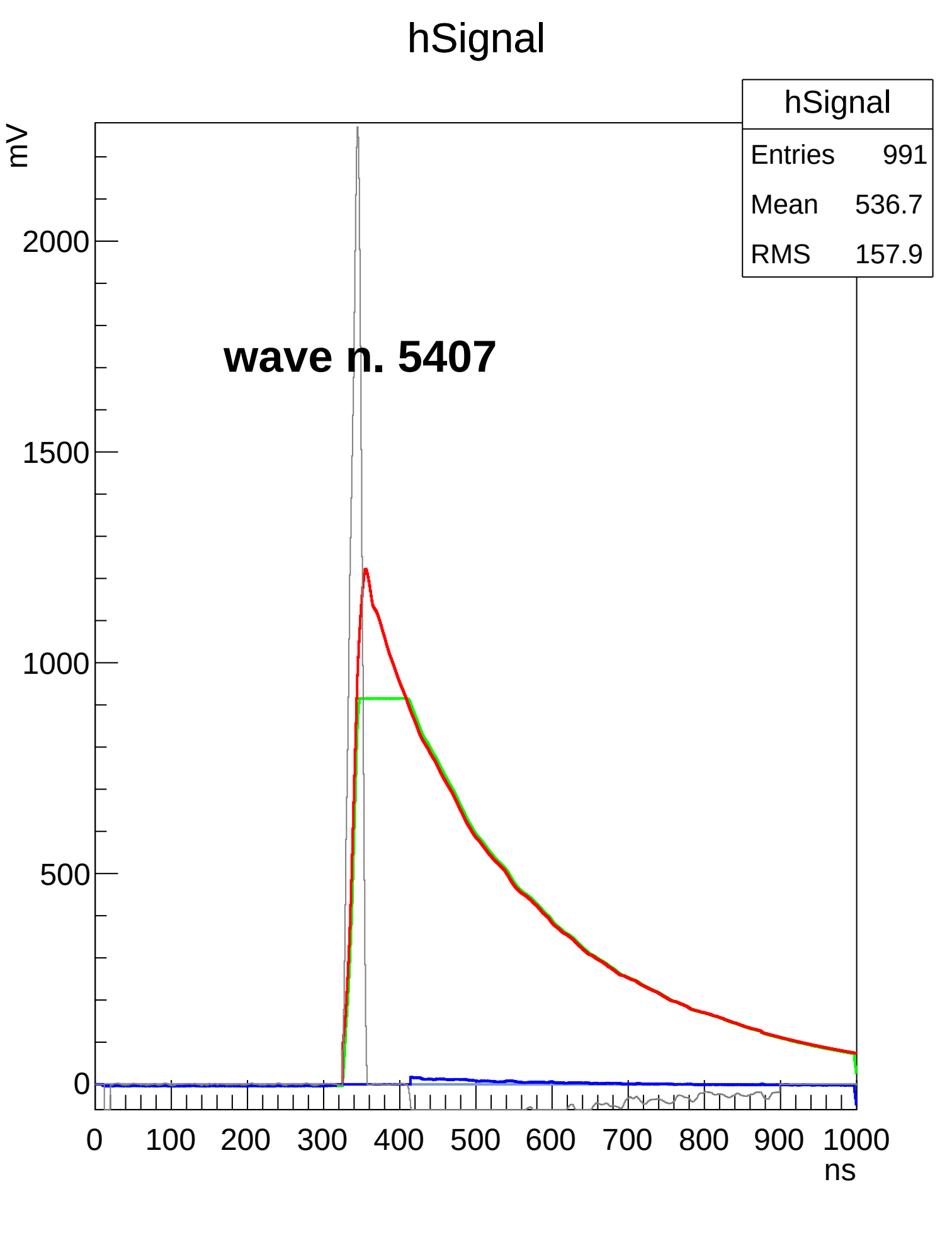
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 536.7
RMS 157.9
wave n. 5407
mV
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1000
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0
100
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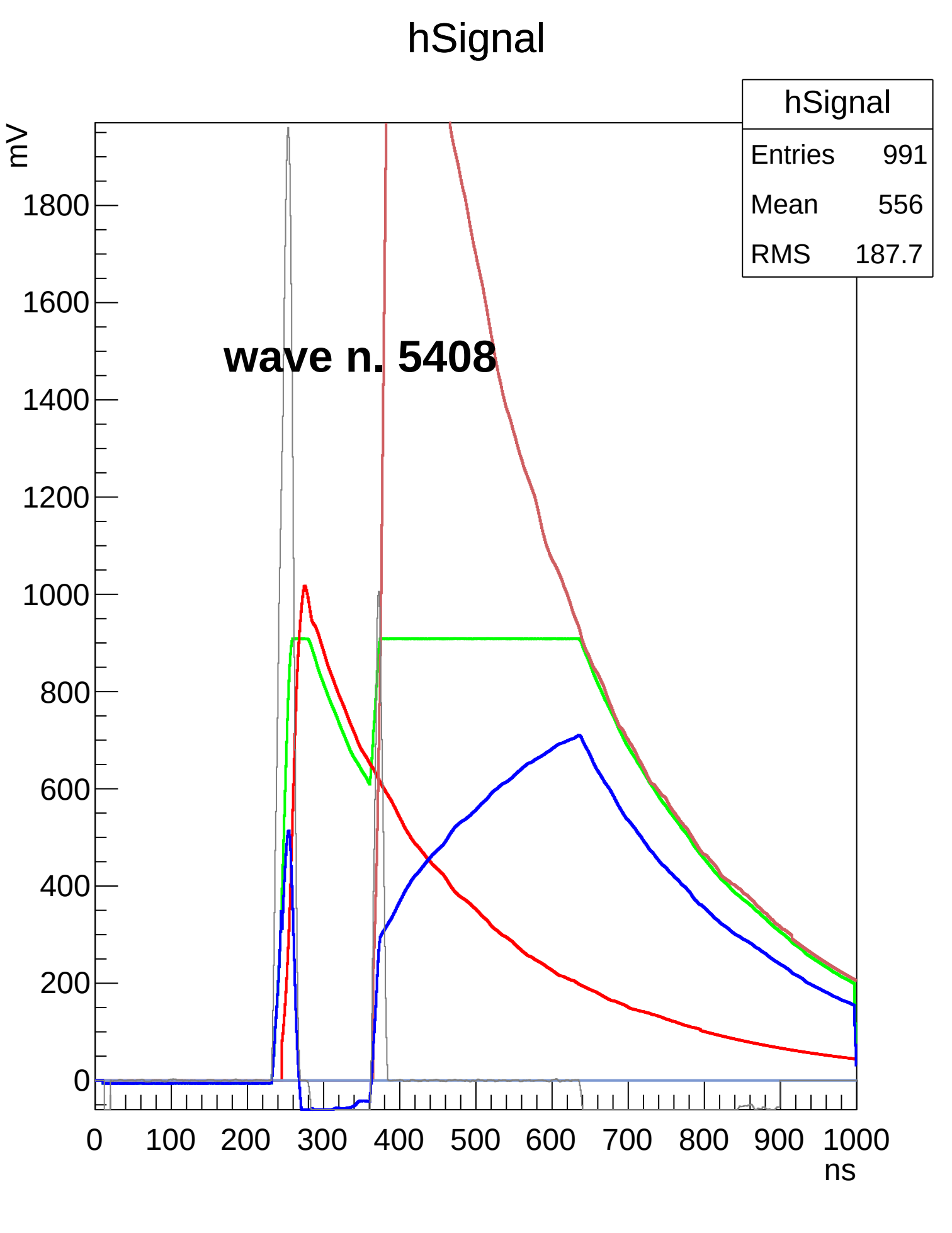
800
900
1000
ns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hSignal
Entries 991
Mean 556
RMS 187.7
wave n. 5408
mV
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1600
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1200
1000
800
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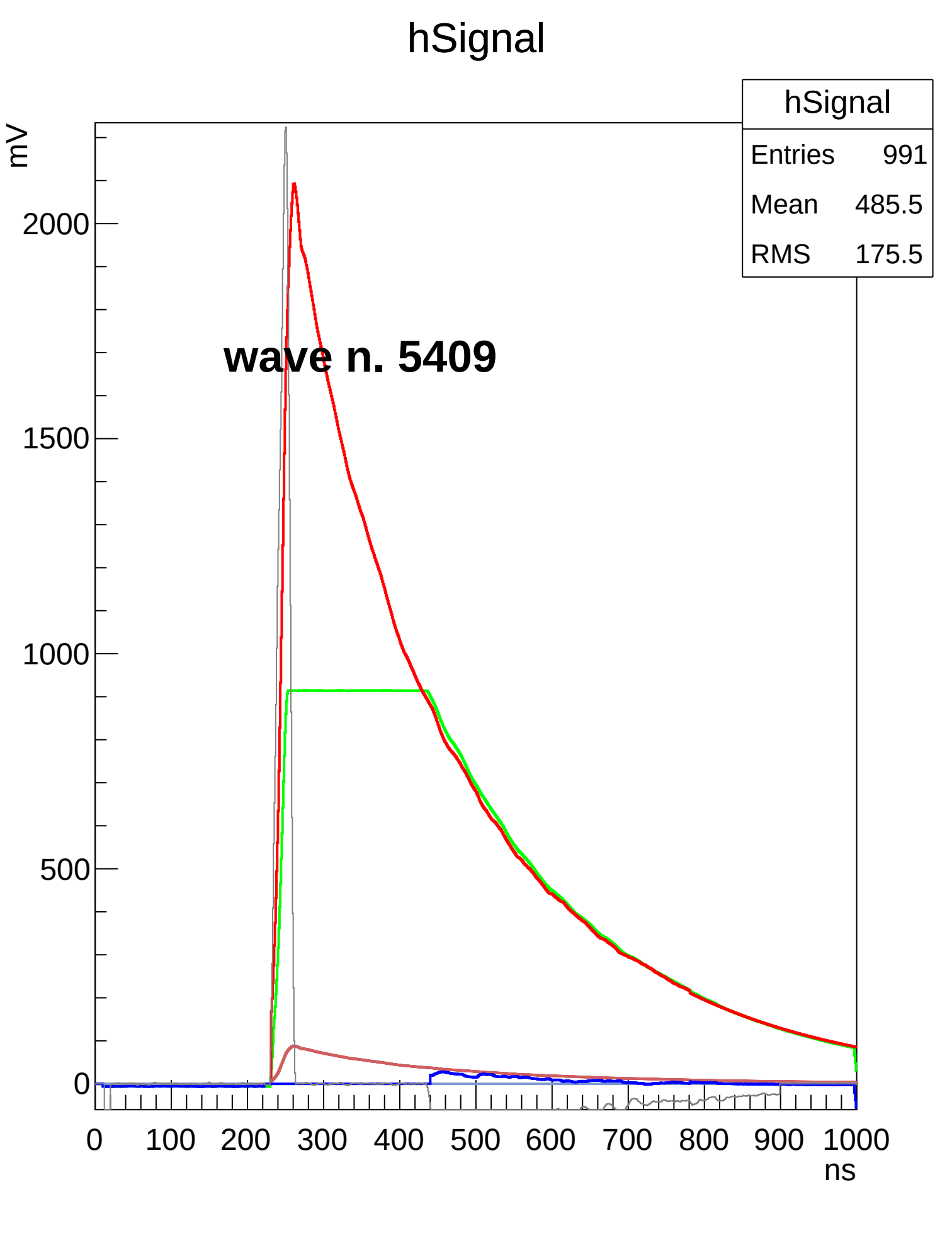
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 485.5
RMS 175.5
wave n. 5409
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1000
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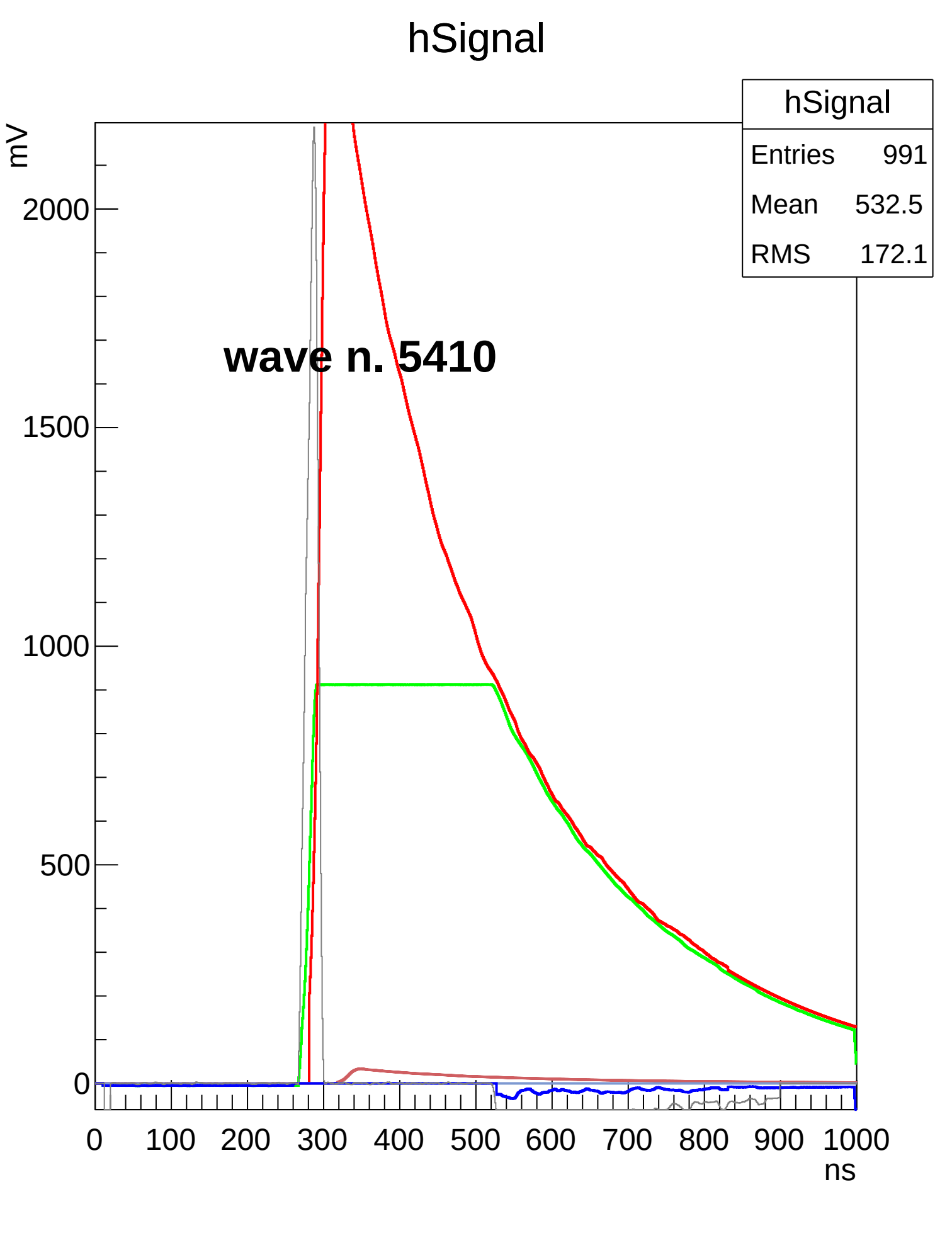
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 532.5
RMS 172.1
wave n. 5410
mV
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1000
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0
0
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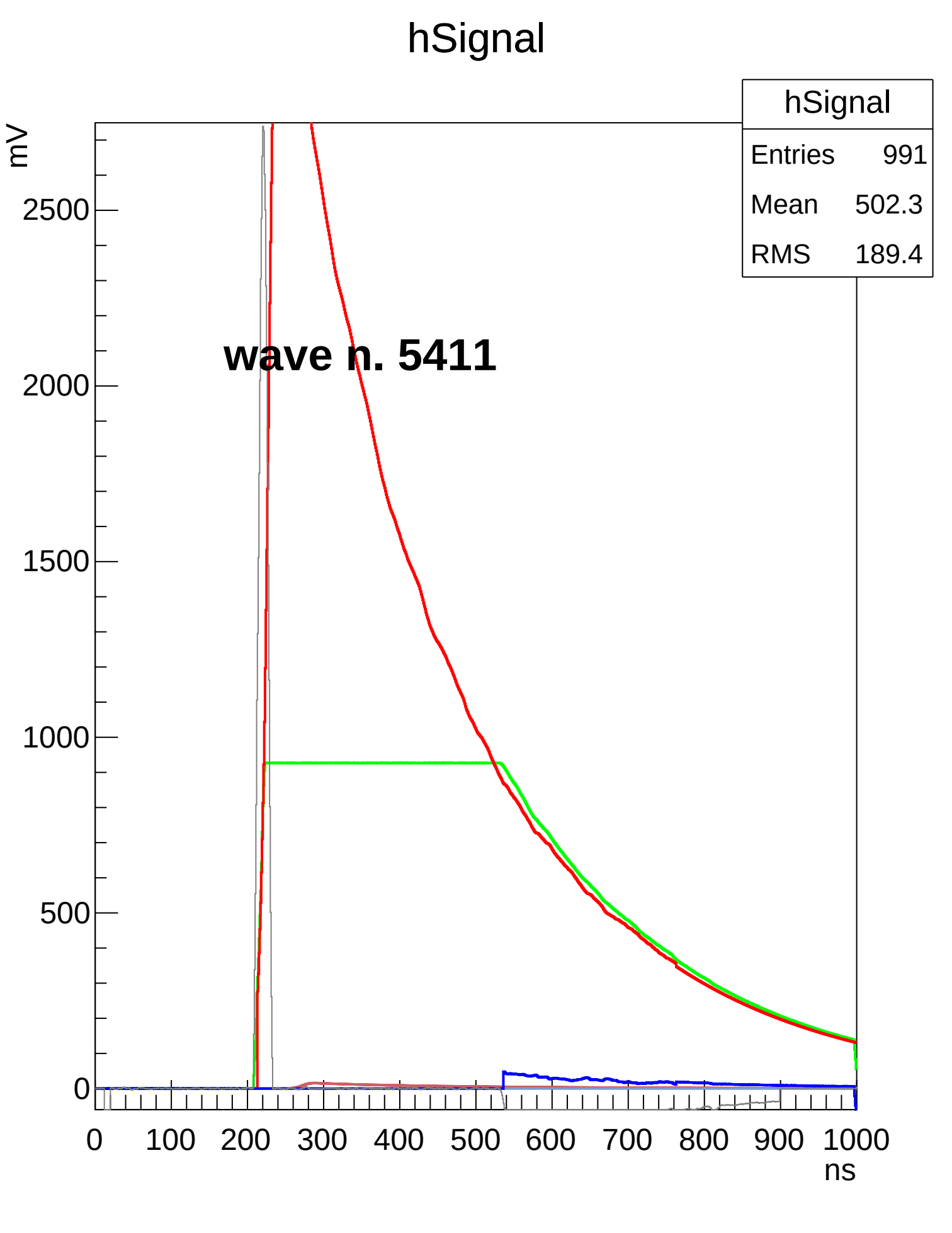
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.3
RMS 189.4
wave n. 5411
mV
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2000
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1000
500
0
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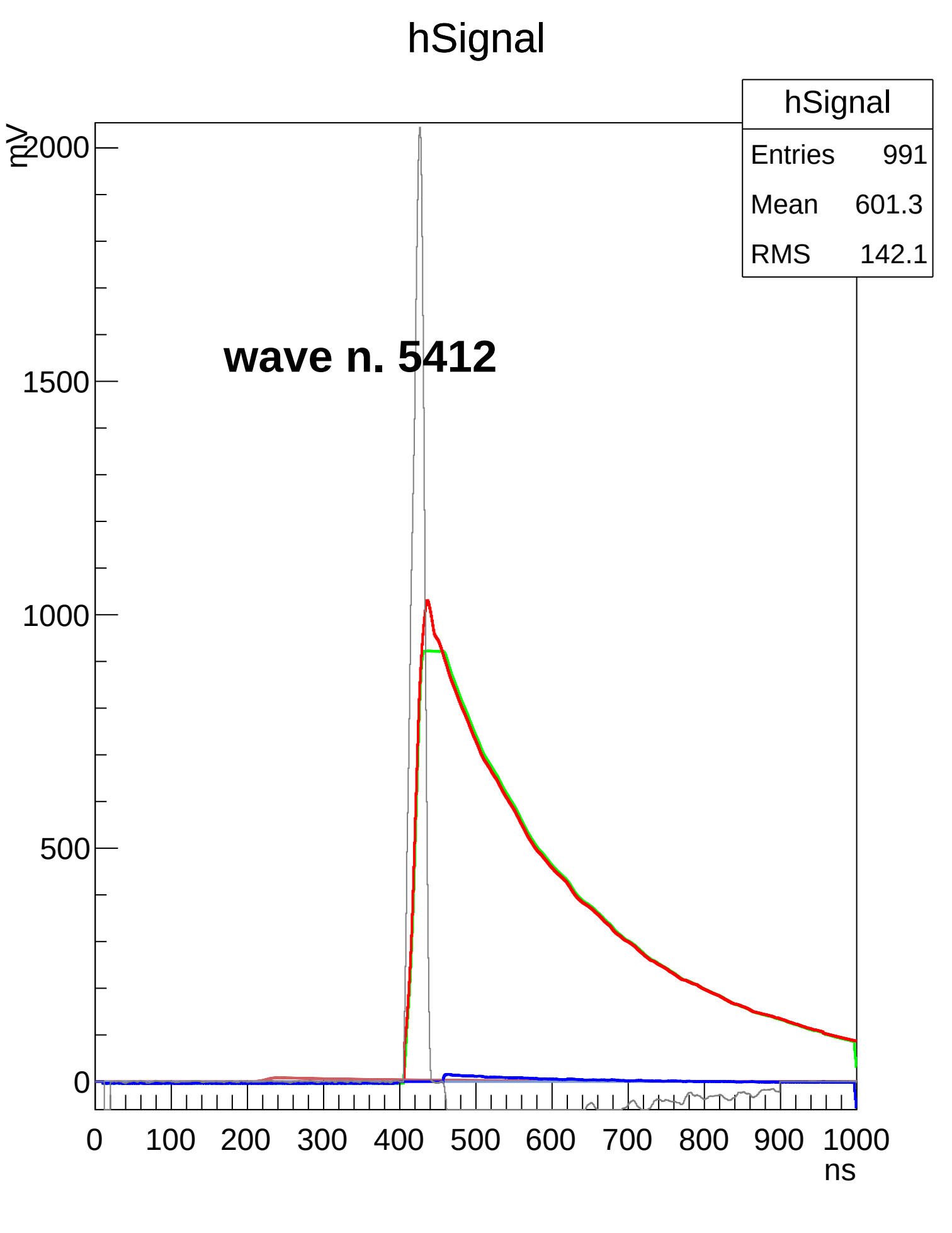
ns


hSignal
hSignal
Entries 991
Mean 601.3
RMS 142.1
wave n. 5412
mV
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1000
500
0
0
100
200
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400
500
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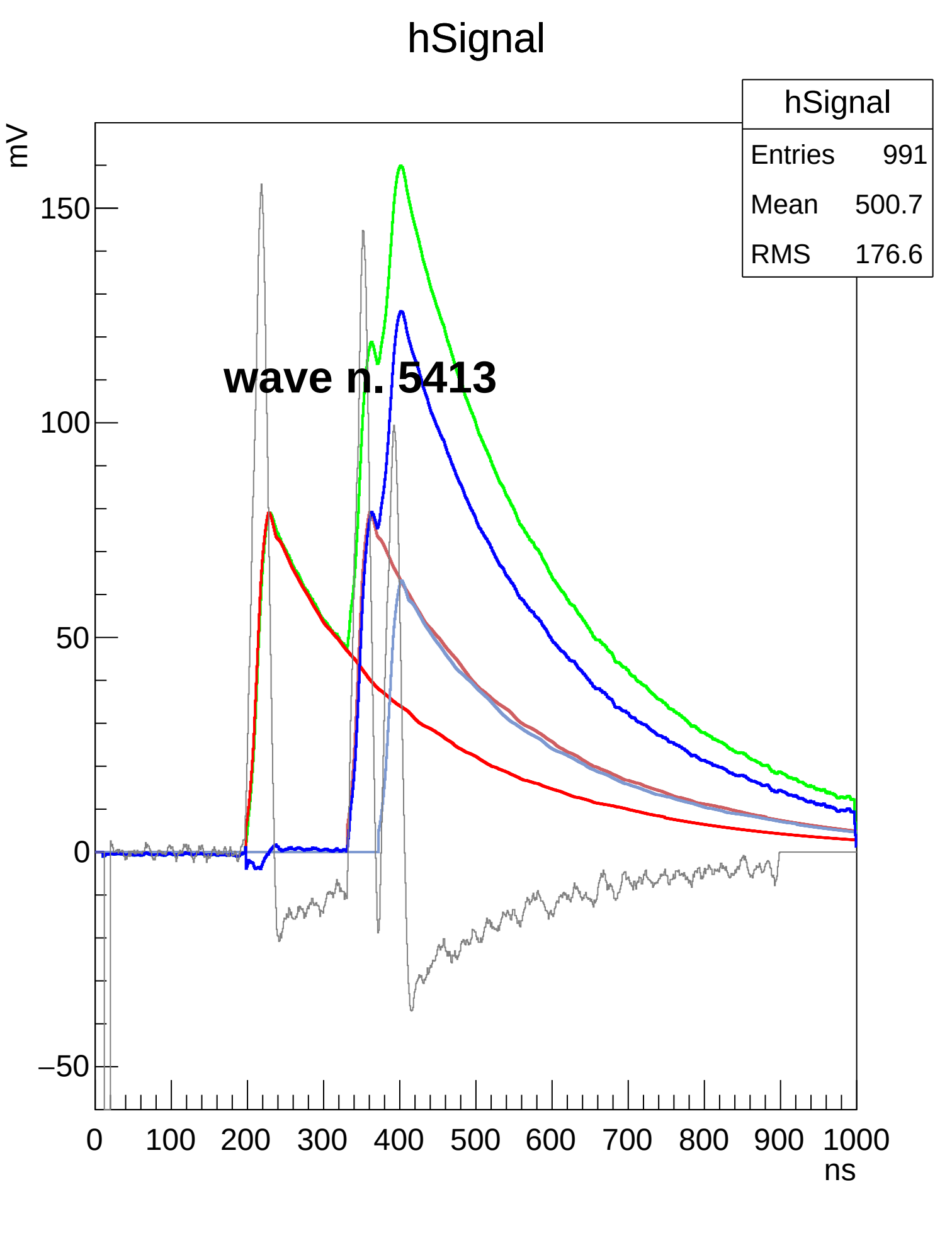
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 500.7
RMS 176.6
wave n. 5413
mV
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100
50
0
−50
0
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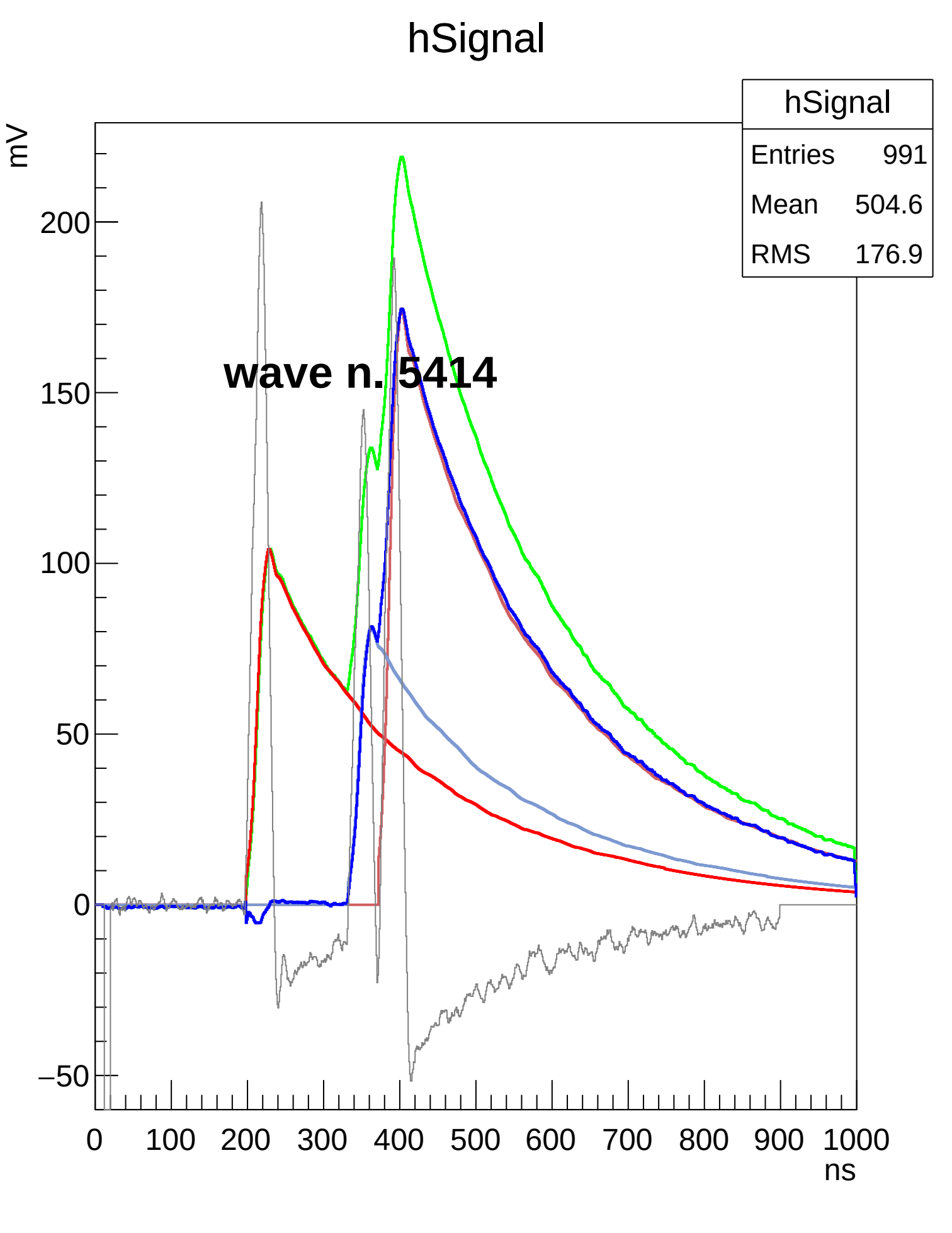
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.6
RMS 176.9
wave n. 5414
mV
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100
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0
100
200
300
400
500
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700
800
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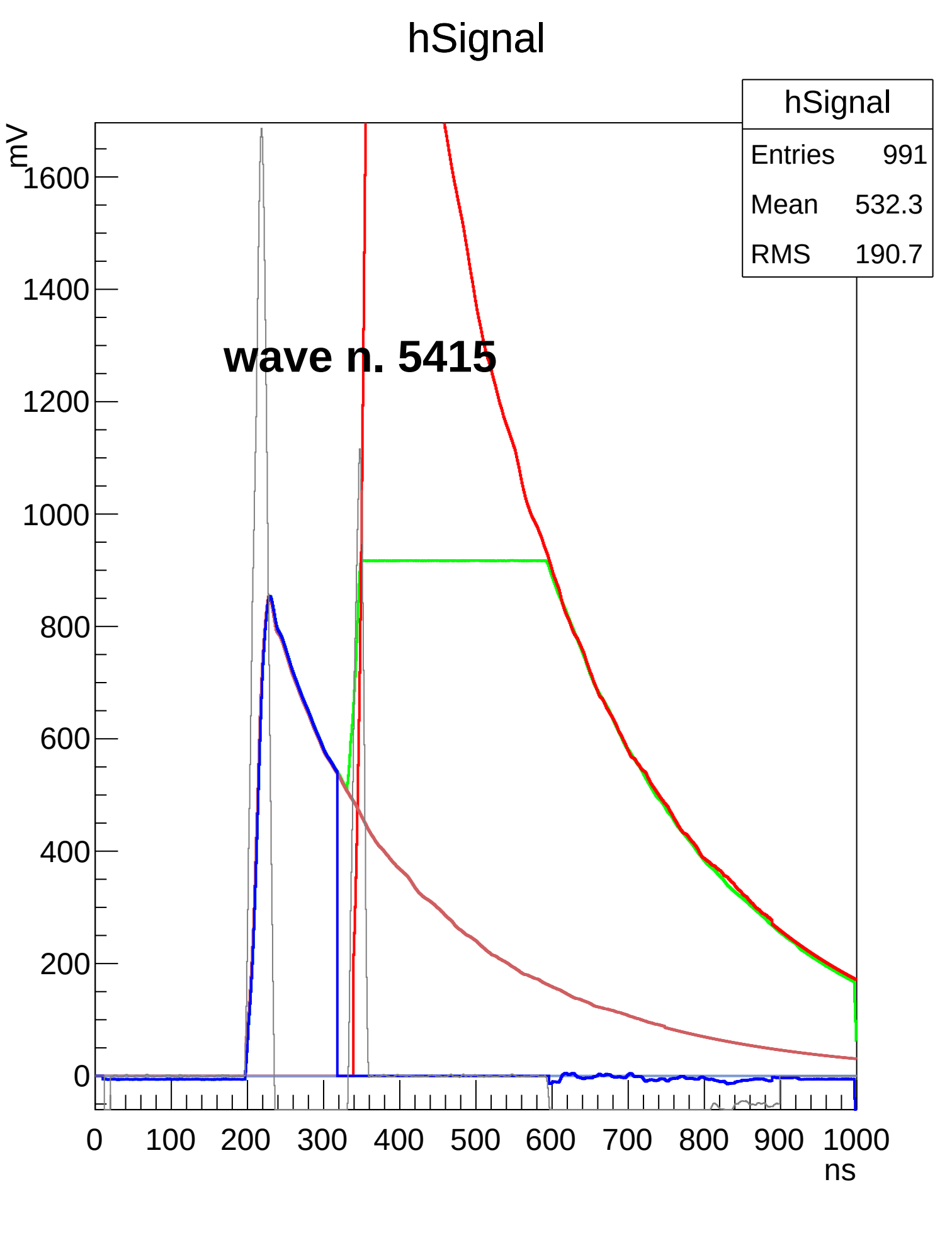
1000
ns


hSignal
hSignal
Entries 991
Mean 532.3
RMS 190.7
wave n. 5415
mV
1600
1400
1200
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600
400
200
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0
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200
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400
500
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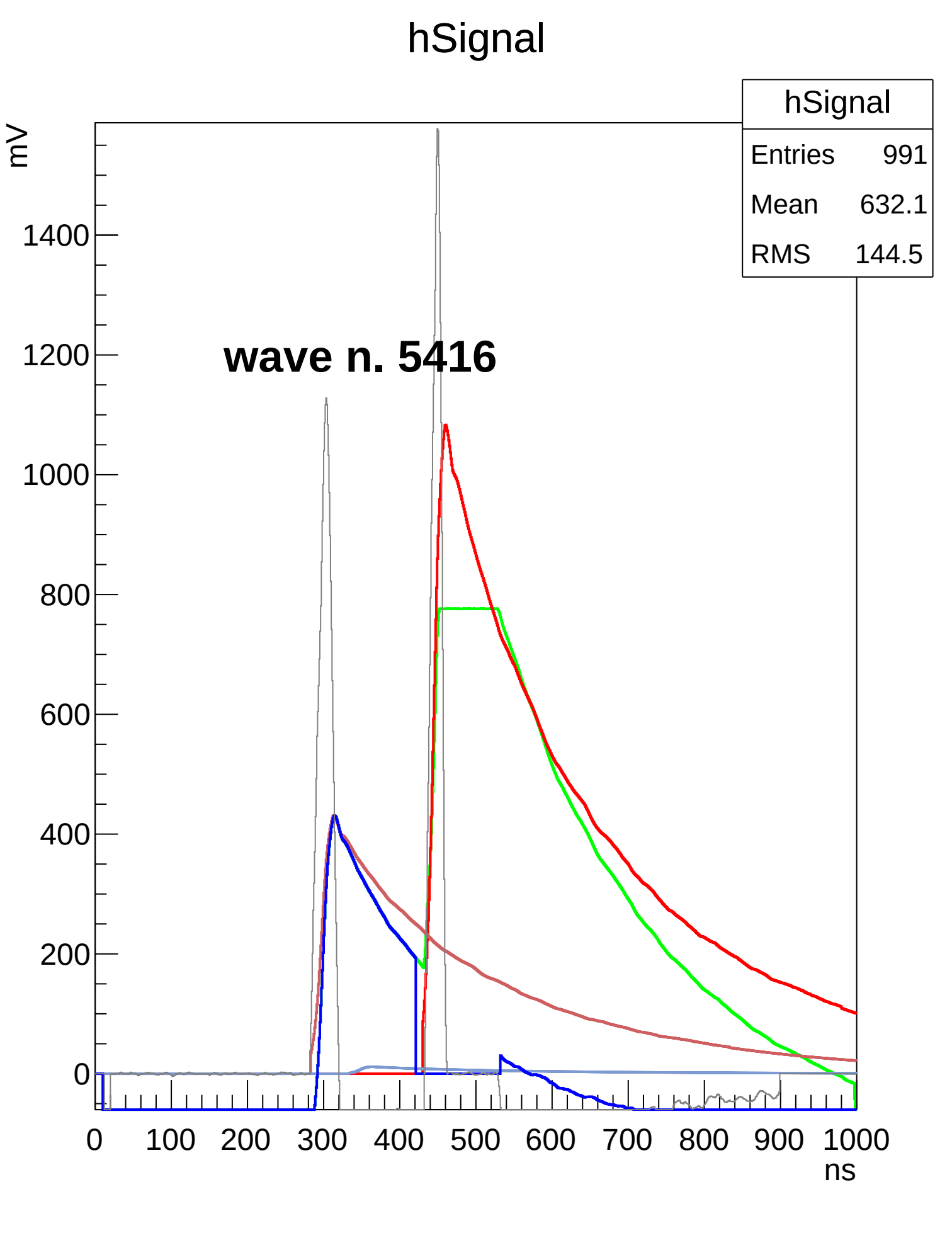
1000
ns


hSignal
hSignal
Entries 991
Mean 632.1
RMS 144.5
wave n. 5416
mV
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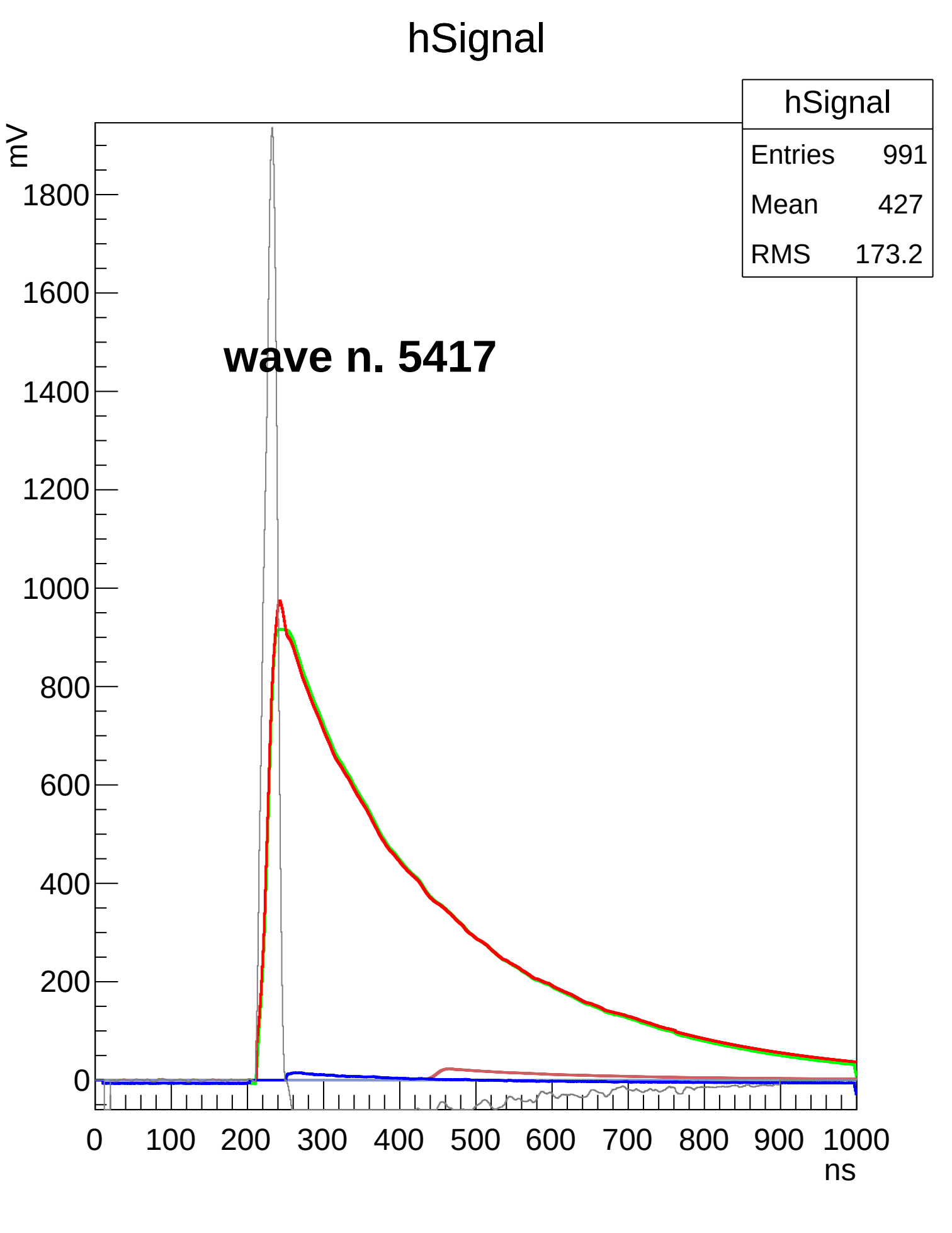
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 427
RMS 173.2
wave n. 5417
mV
1800
1600
1400
1200
1000
800
600
400
200
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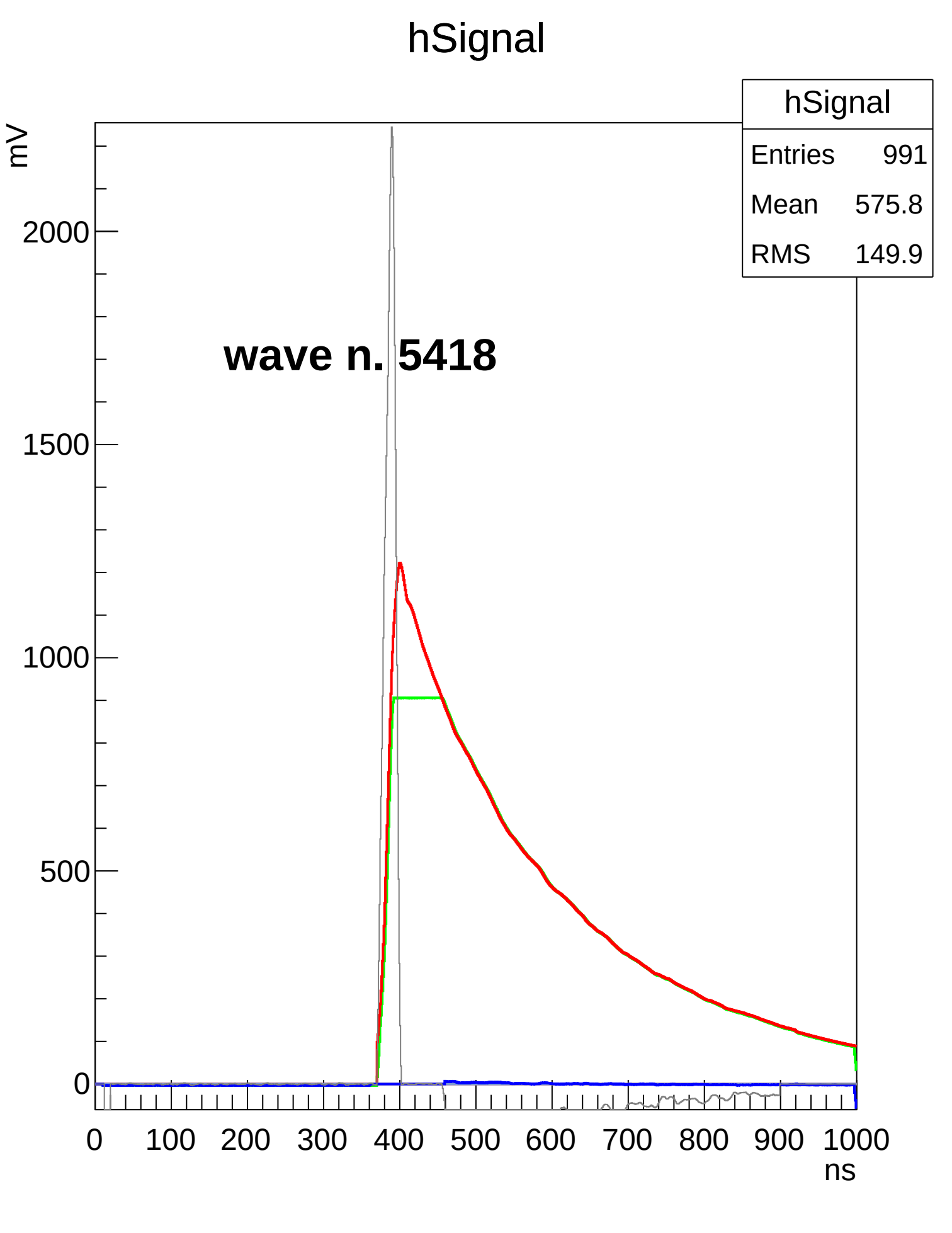
ns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Entries 991
Mean 575.8
RMS 149.9
wave n. 5418
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400
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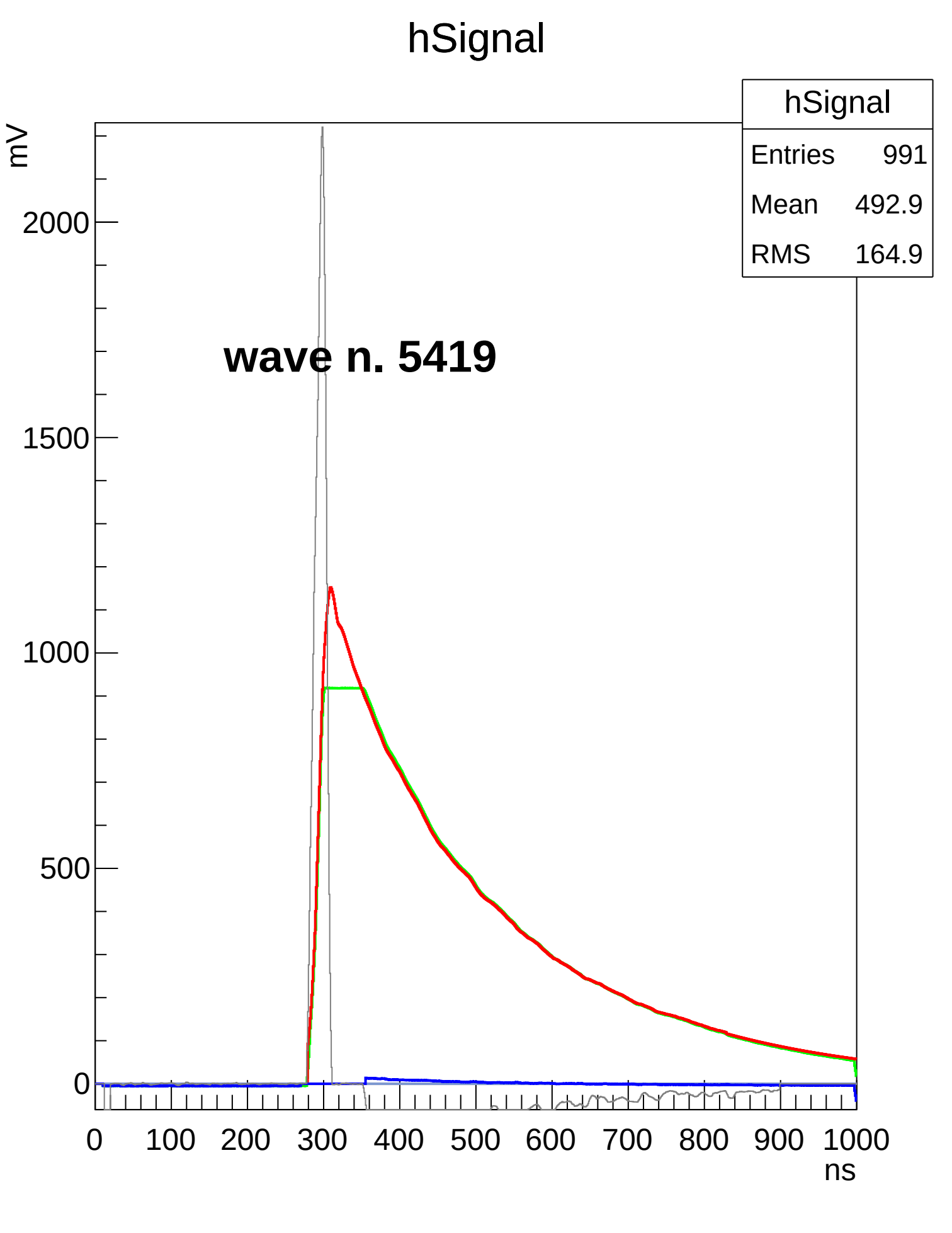
800
900
1000
ns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hSignal
Entries 991
Mean 492.9
RMS 164.9
wave n. 5419
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0
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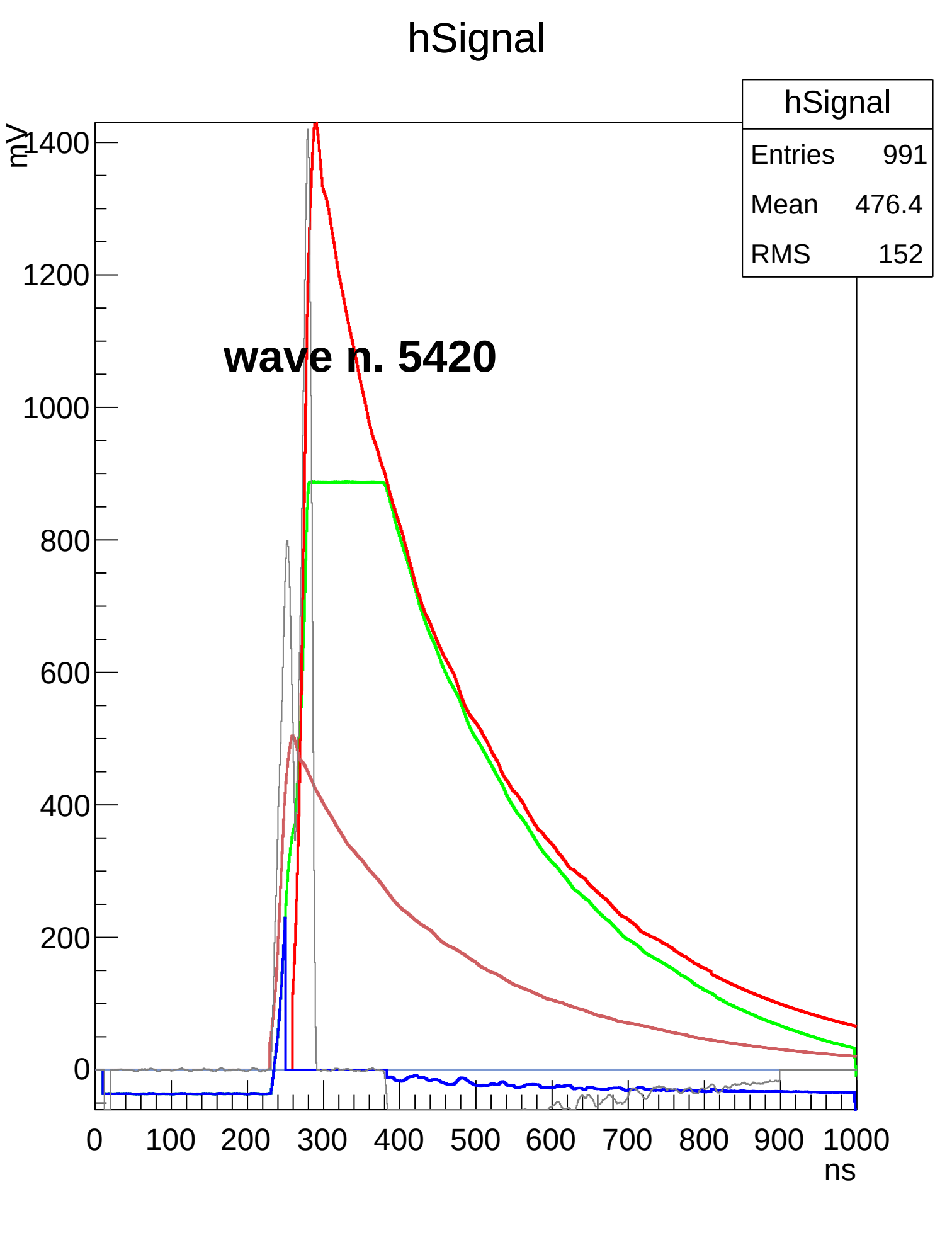
800
900
1000
ns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Entries 991
Mean 476.4
RMS 152
wave n. 5420
mV
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600
400
200
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0
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200
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400
500
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800
900
1000
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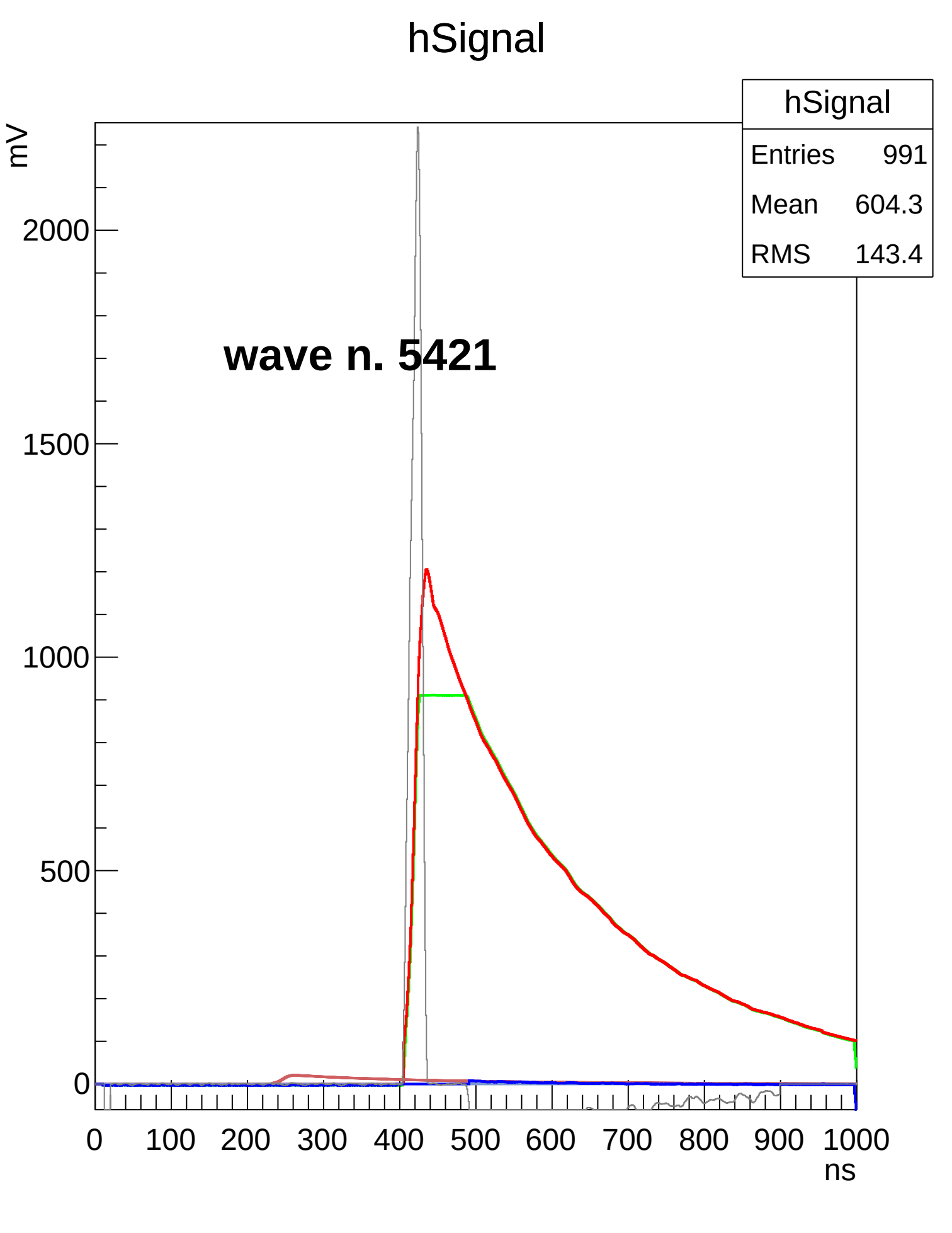
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hSignal
Entries 991
Mean 604.3
RMS 143.4
wave n. 5421
mV
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1000
500
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0
100
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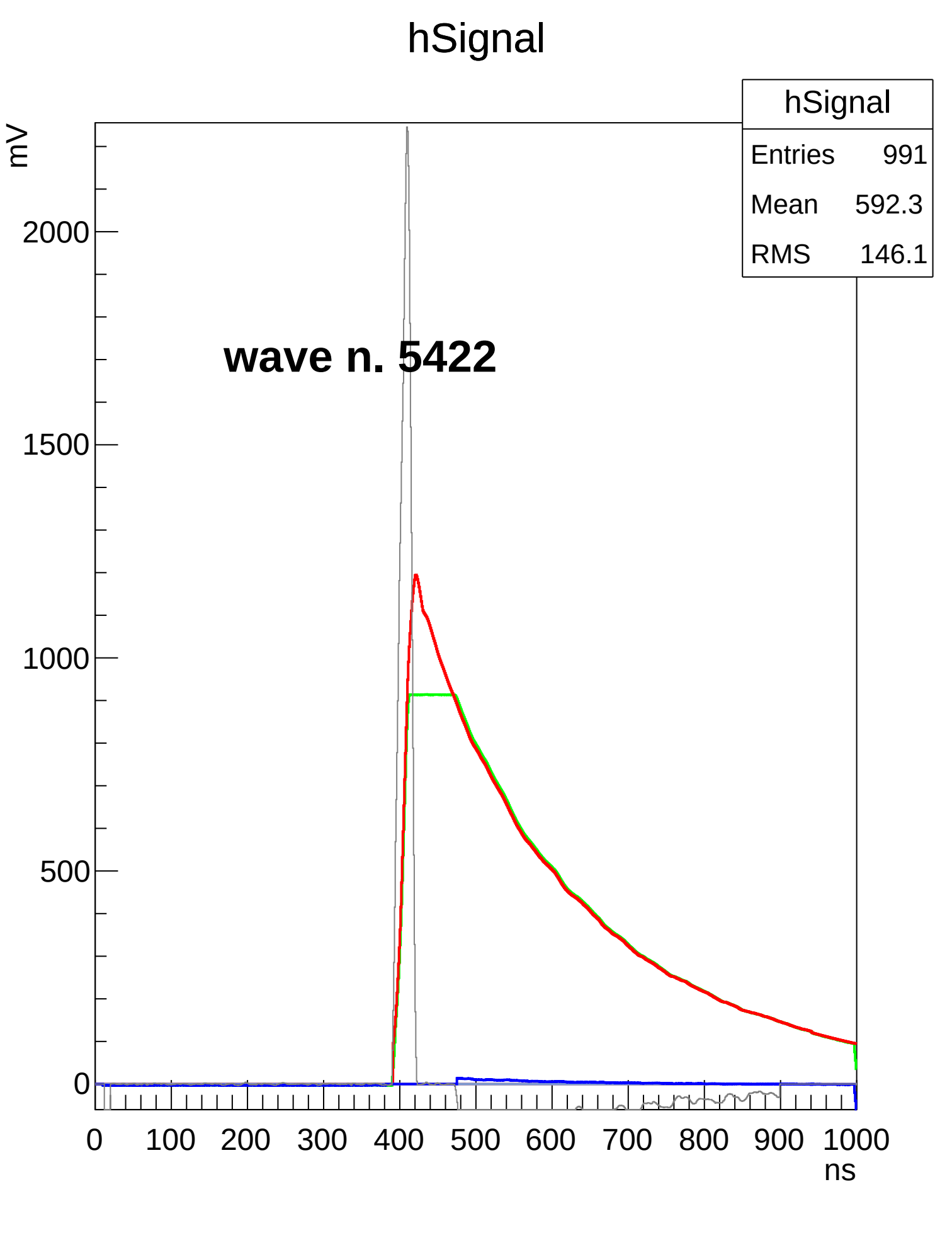
800
900
1000
ns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hSignal
Entries 991
Mean 592.3
RMS 146.1
wave n. 5422
mV
2000
1500
1000
500
0
0
100
200
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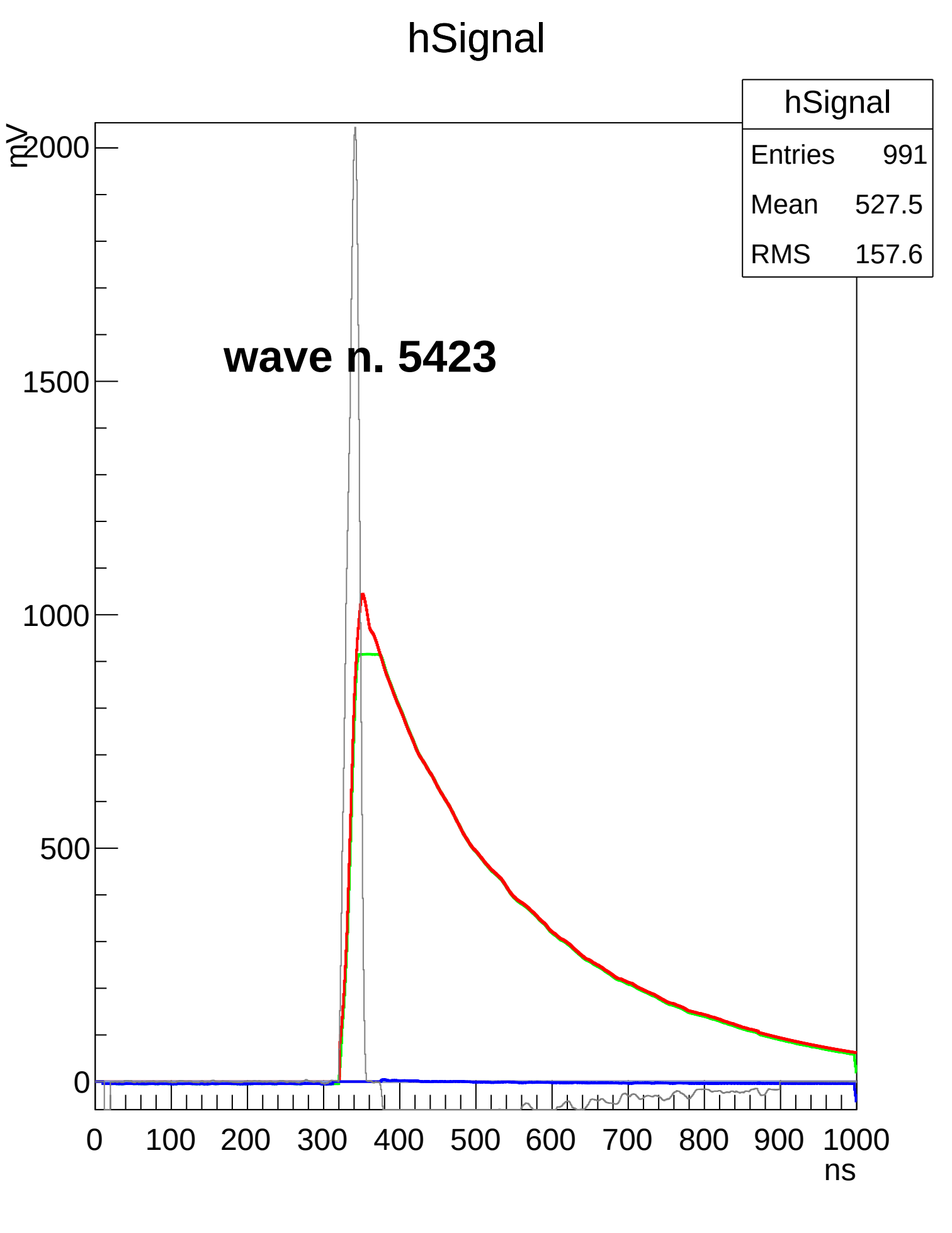
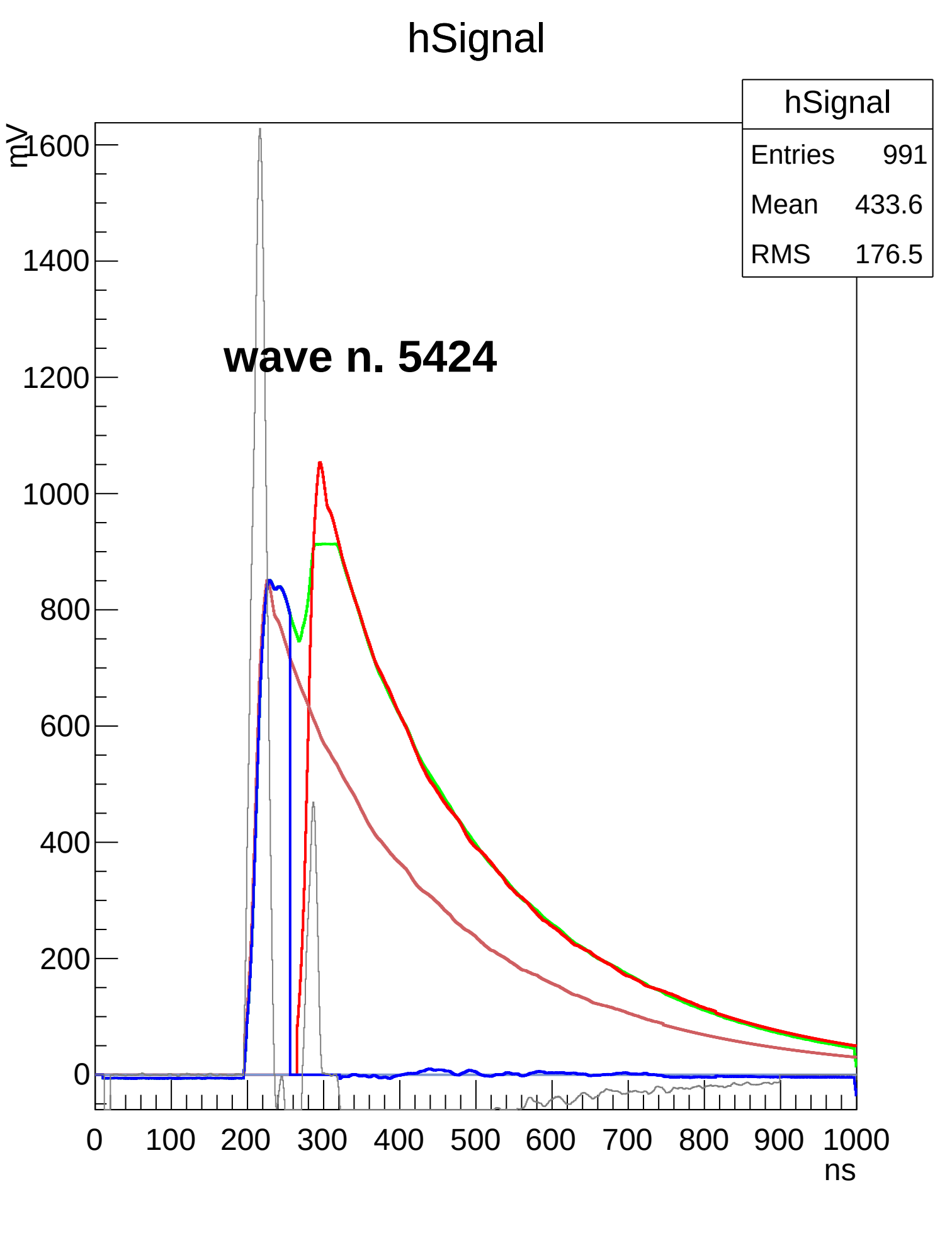
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527.5
RMS 157.6
wave n. 5423
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 433.6
RMS 176.5
wave n. 5424
mV
1600
1400
1200
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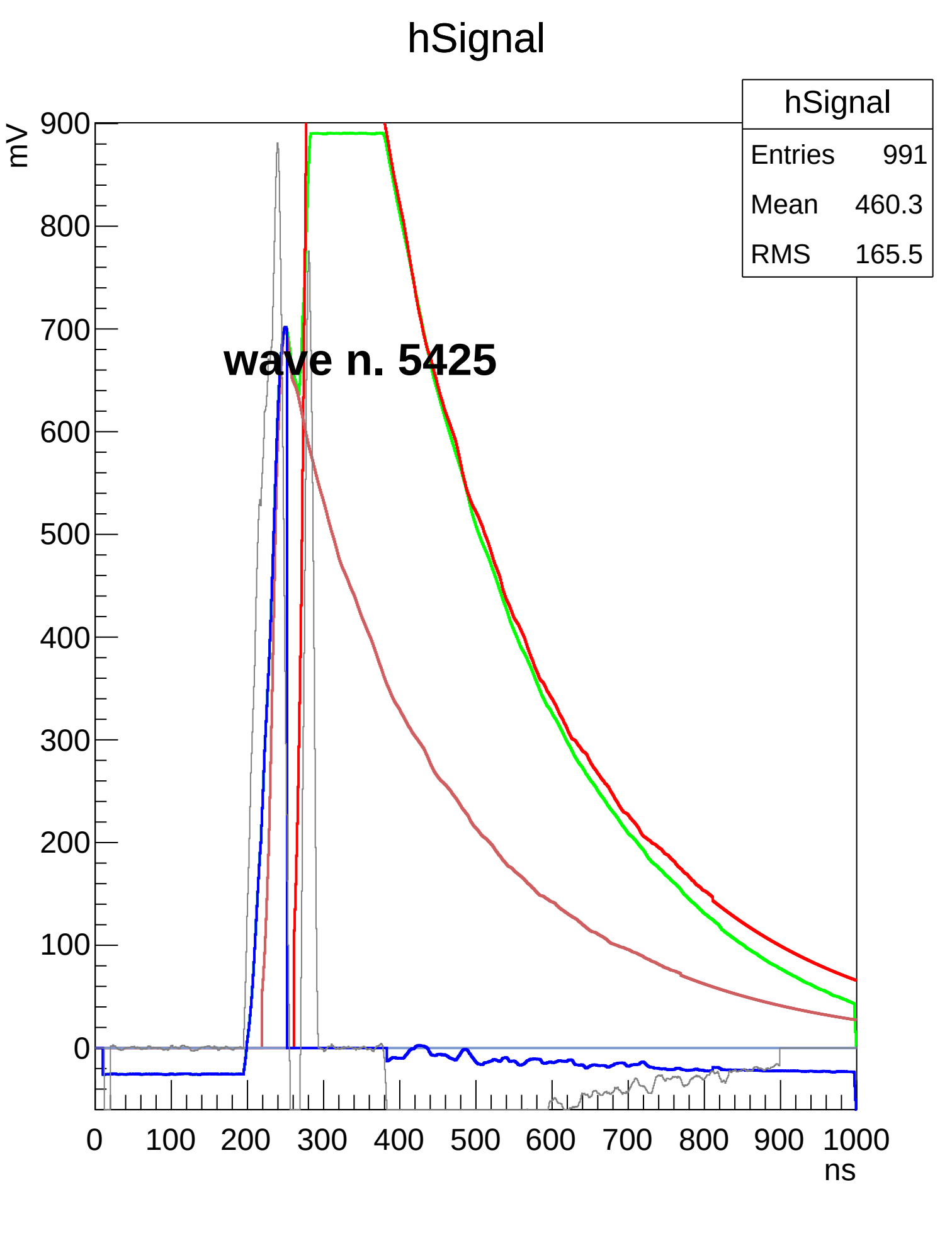
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 460.3
RMS 165.5
wave n. 5425
mV
900
800
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300
200
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0
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200
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400
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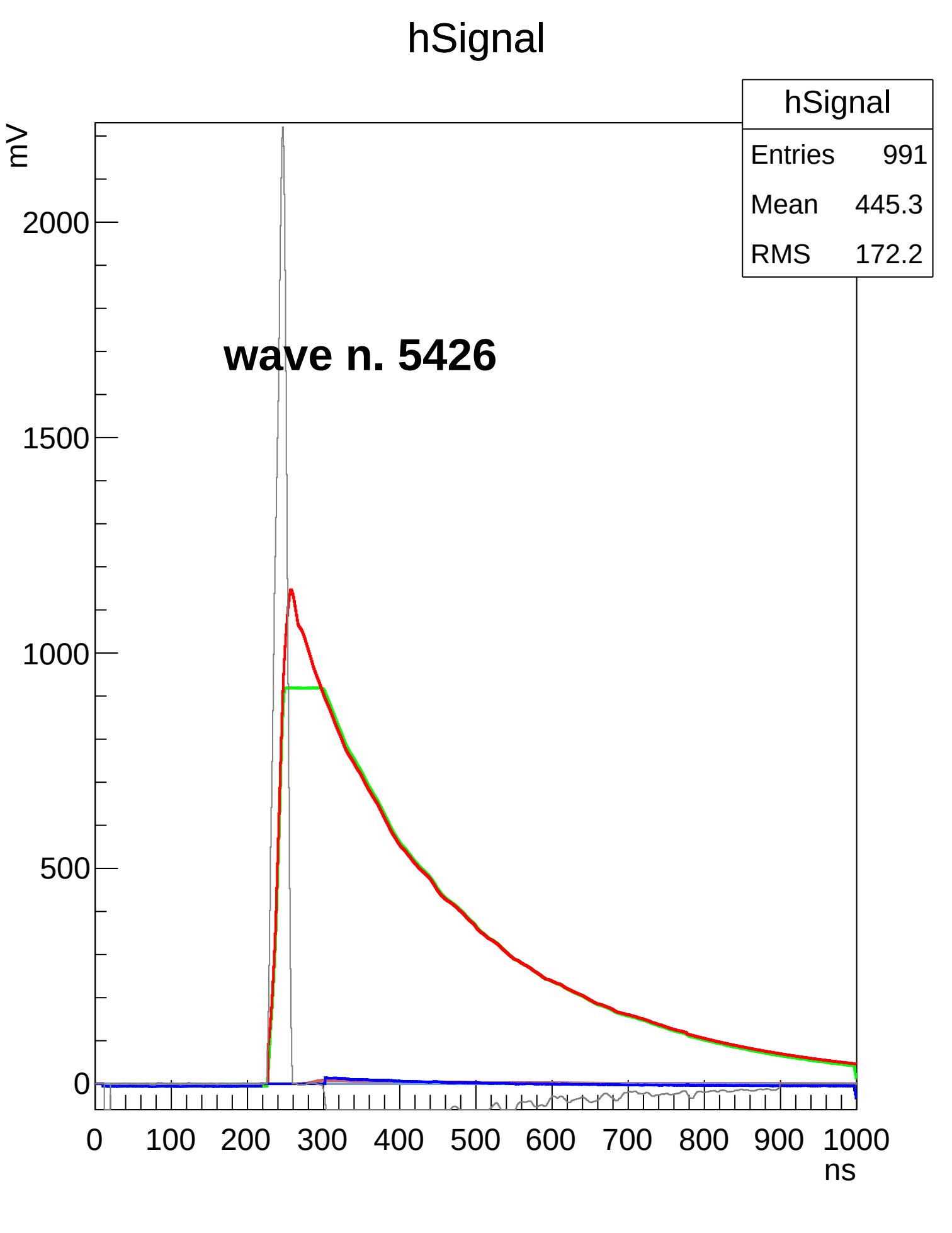
1000
ns


hSignal
hSignal
Entries 991
Mean 445.3
RMS 172.2
wave n. 5426
mV
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1500
1000
500
0
0
100
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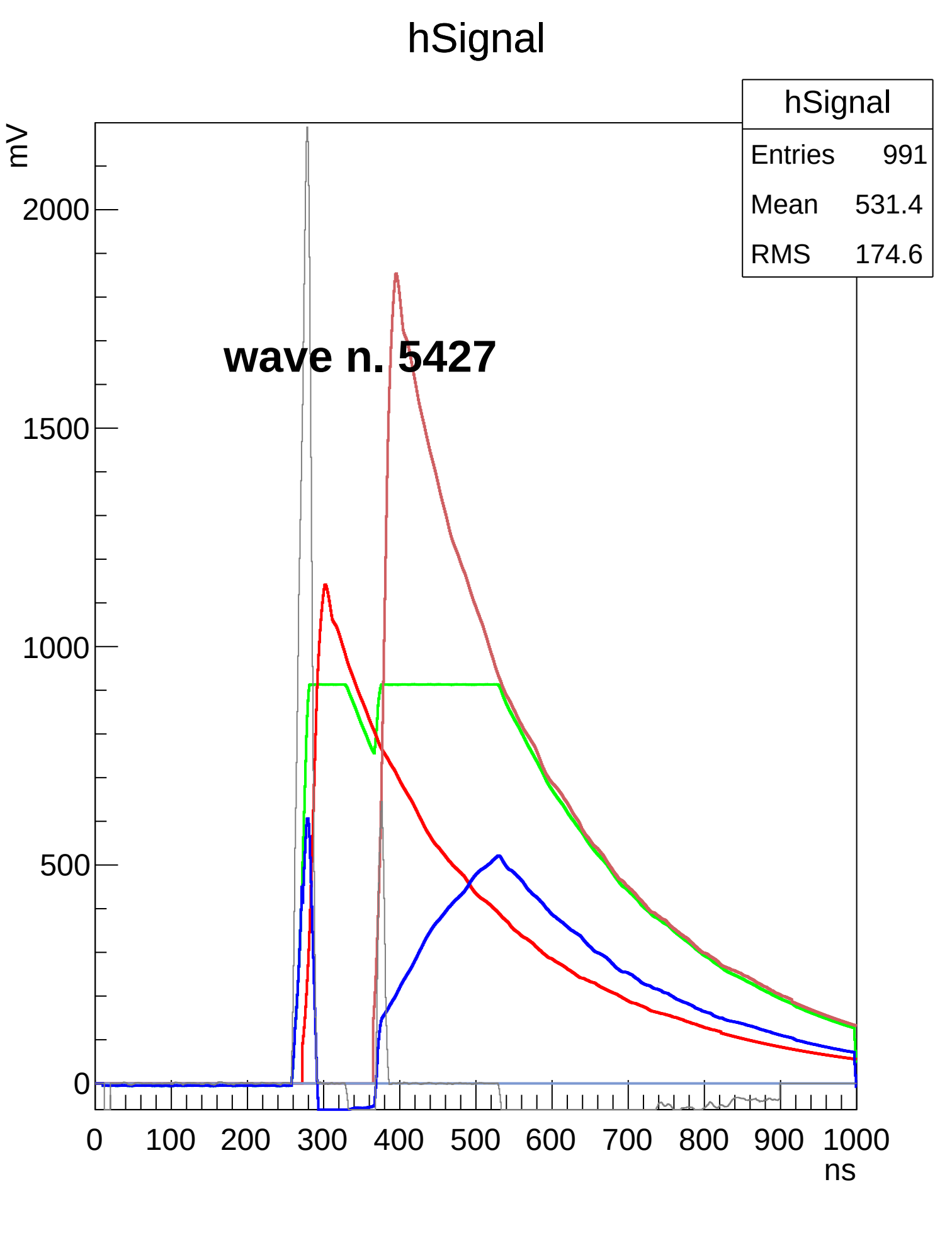
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 531.4
RMS 174.6
wave n. 5427
mV
2000
1500
1000
500
0
0
100
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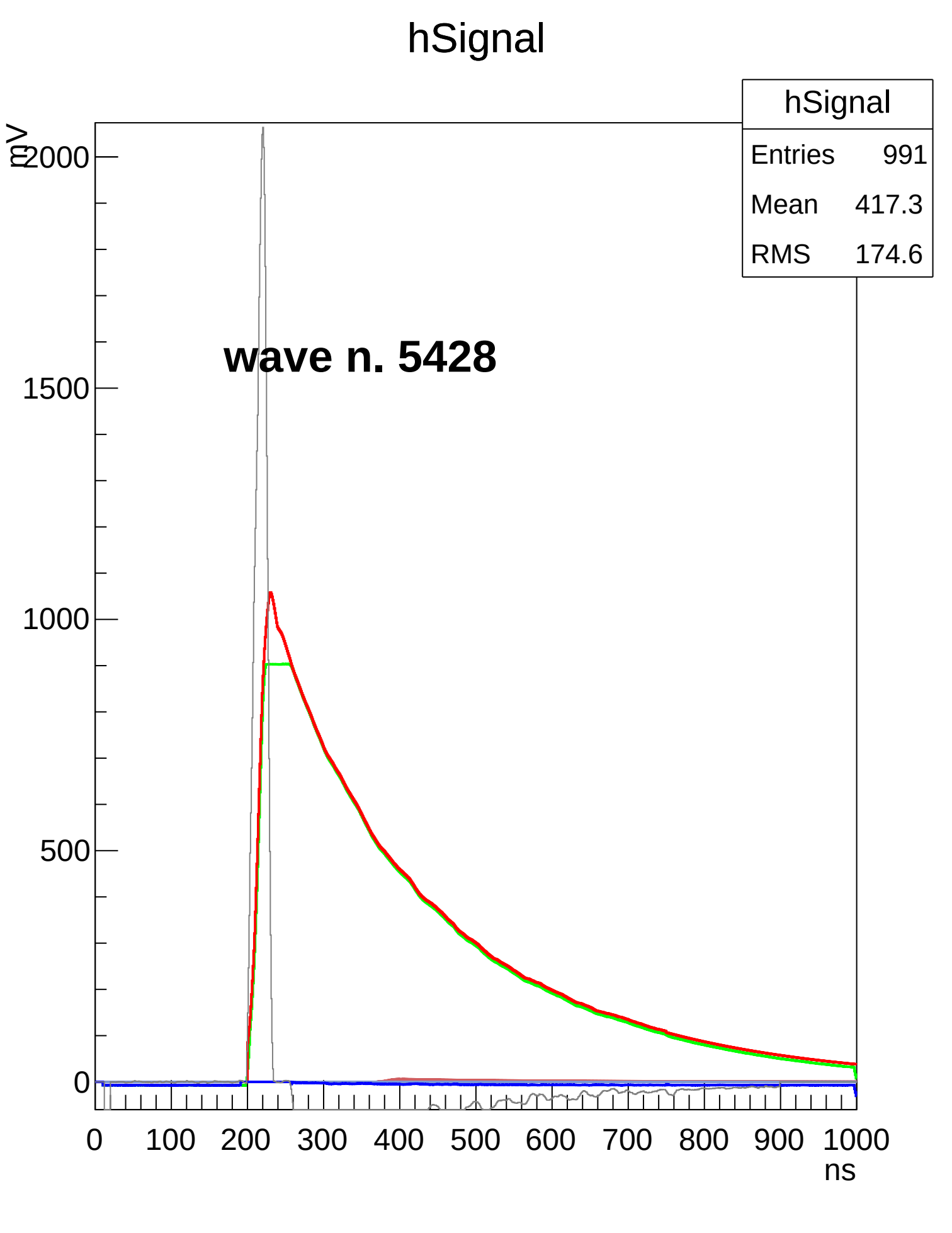
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 417.3
RMS 174.6
wave n. 5428
mV
2000
1500
1000
500
0
0
100
200
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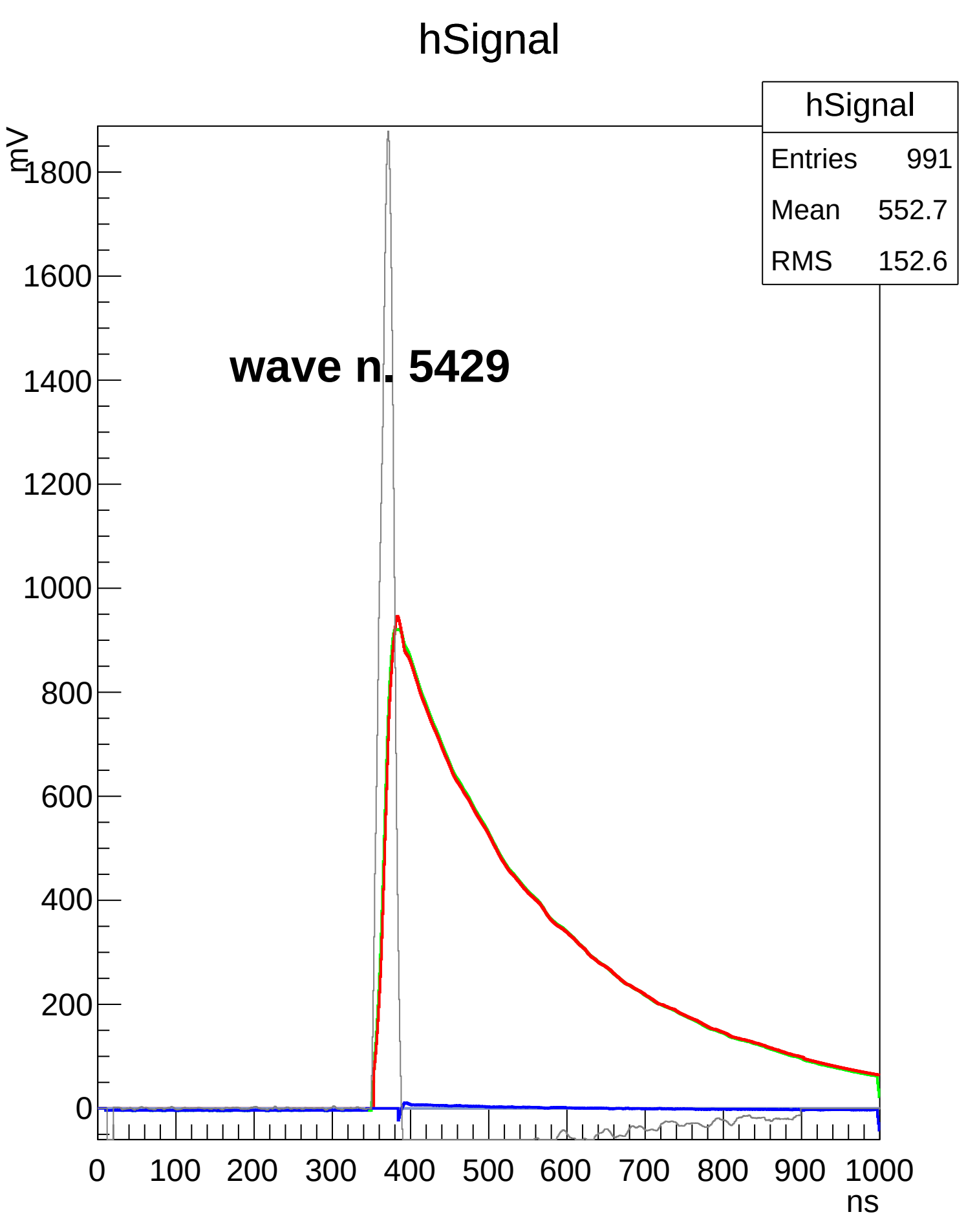
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.7
RMS 152.6
wave n. 5429
mV
1800
1600
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1200
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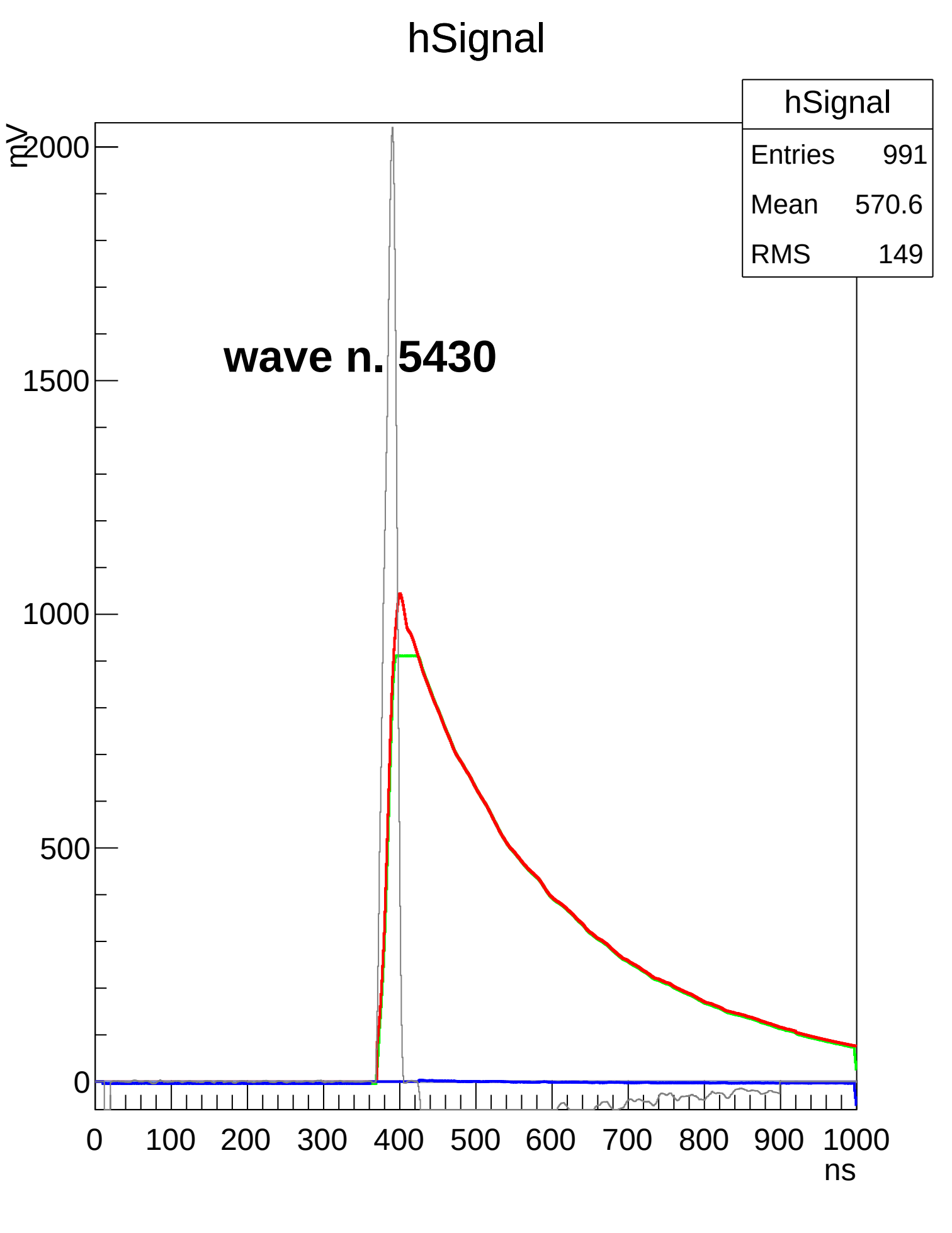
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.6
RMS 149
wave n. 5430
mV
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1500
1000
500
0
0
100
200
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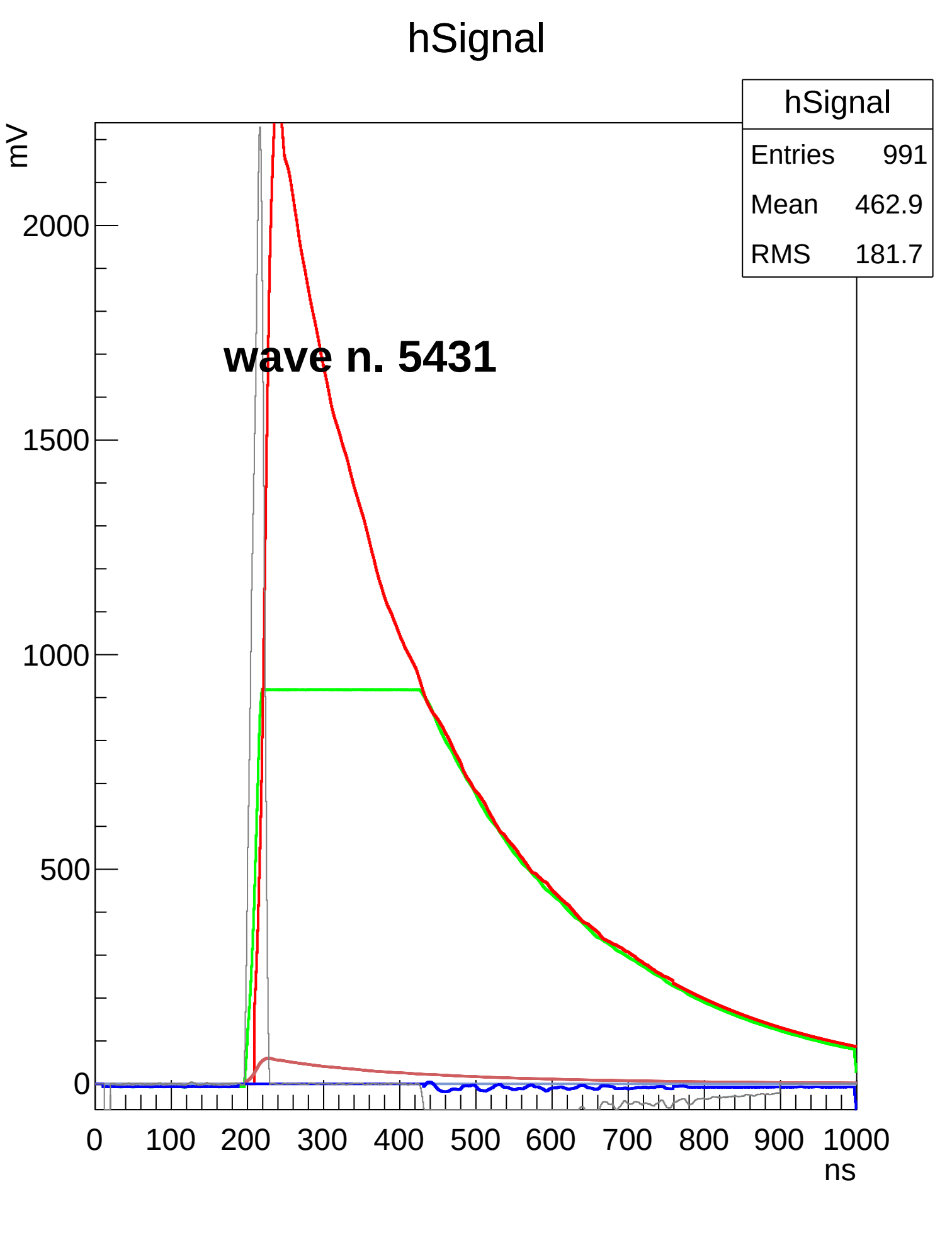
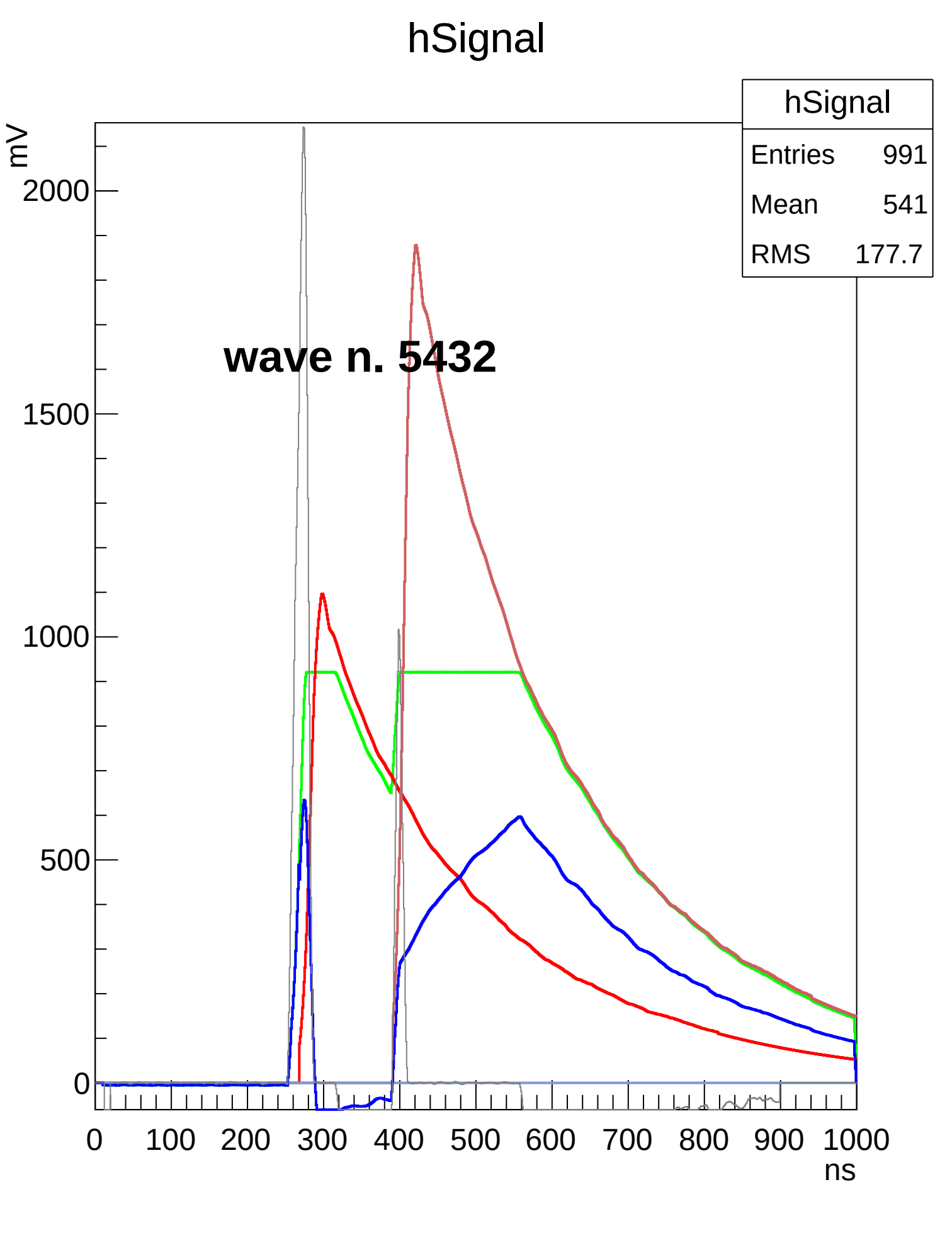
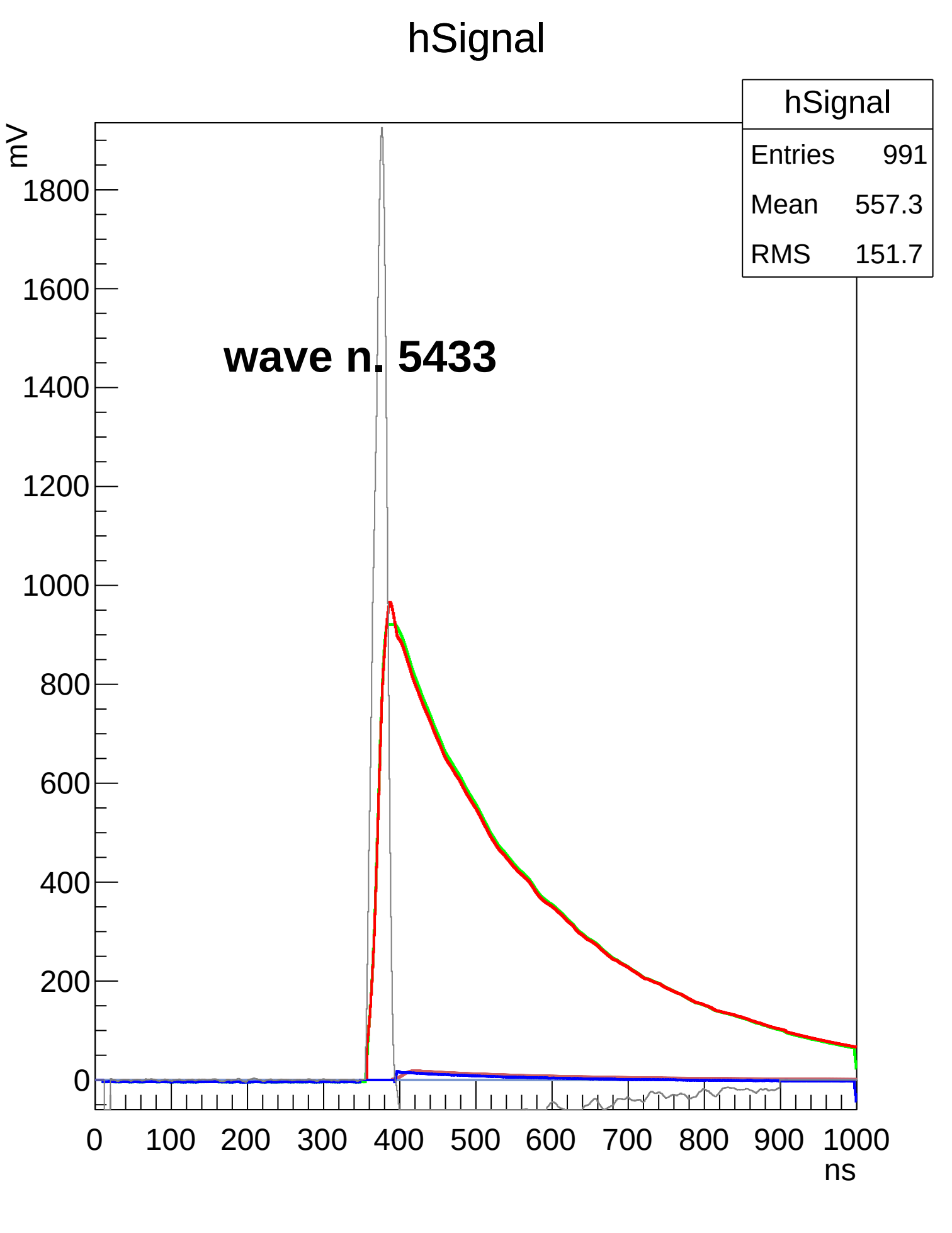
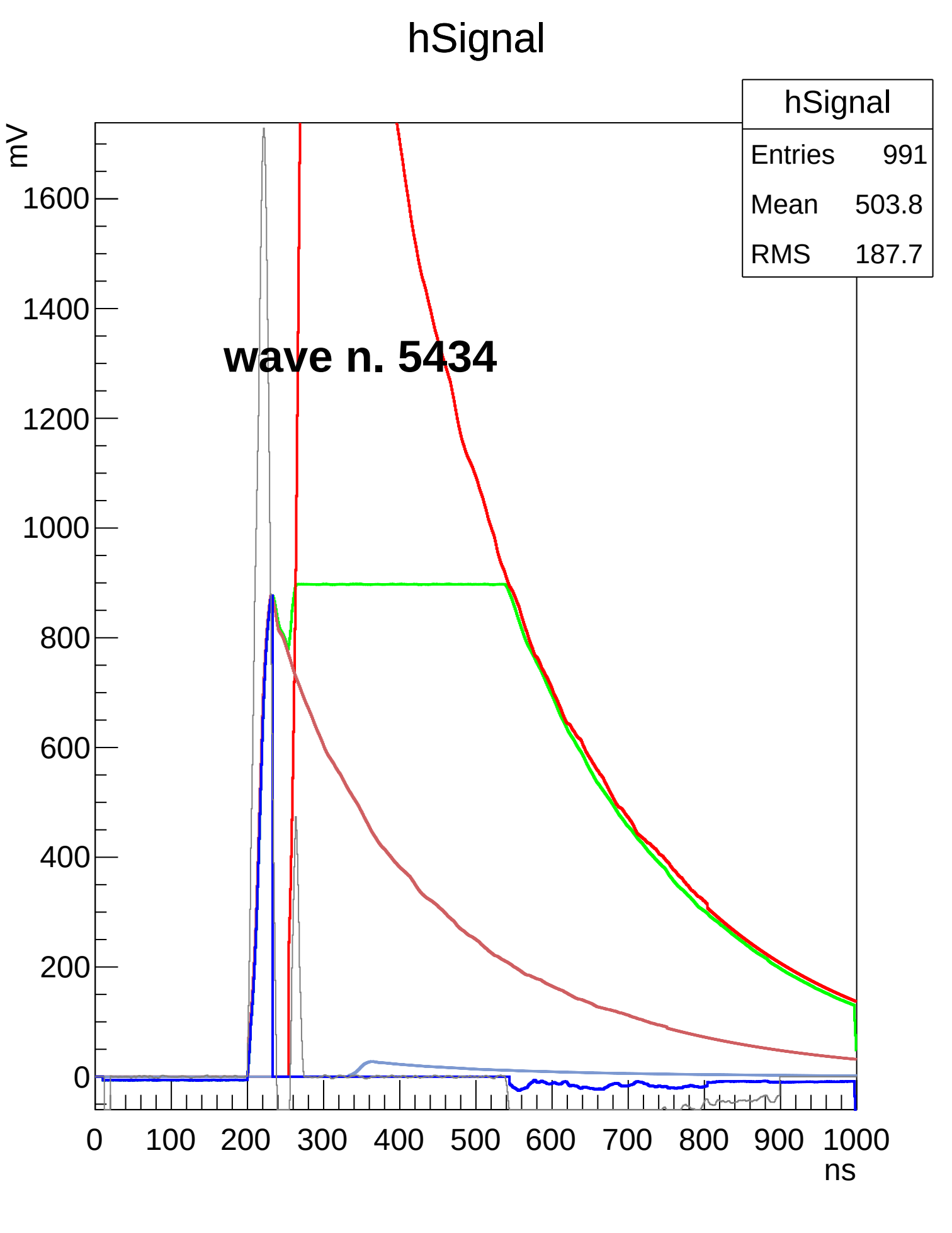
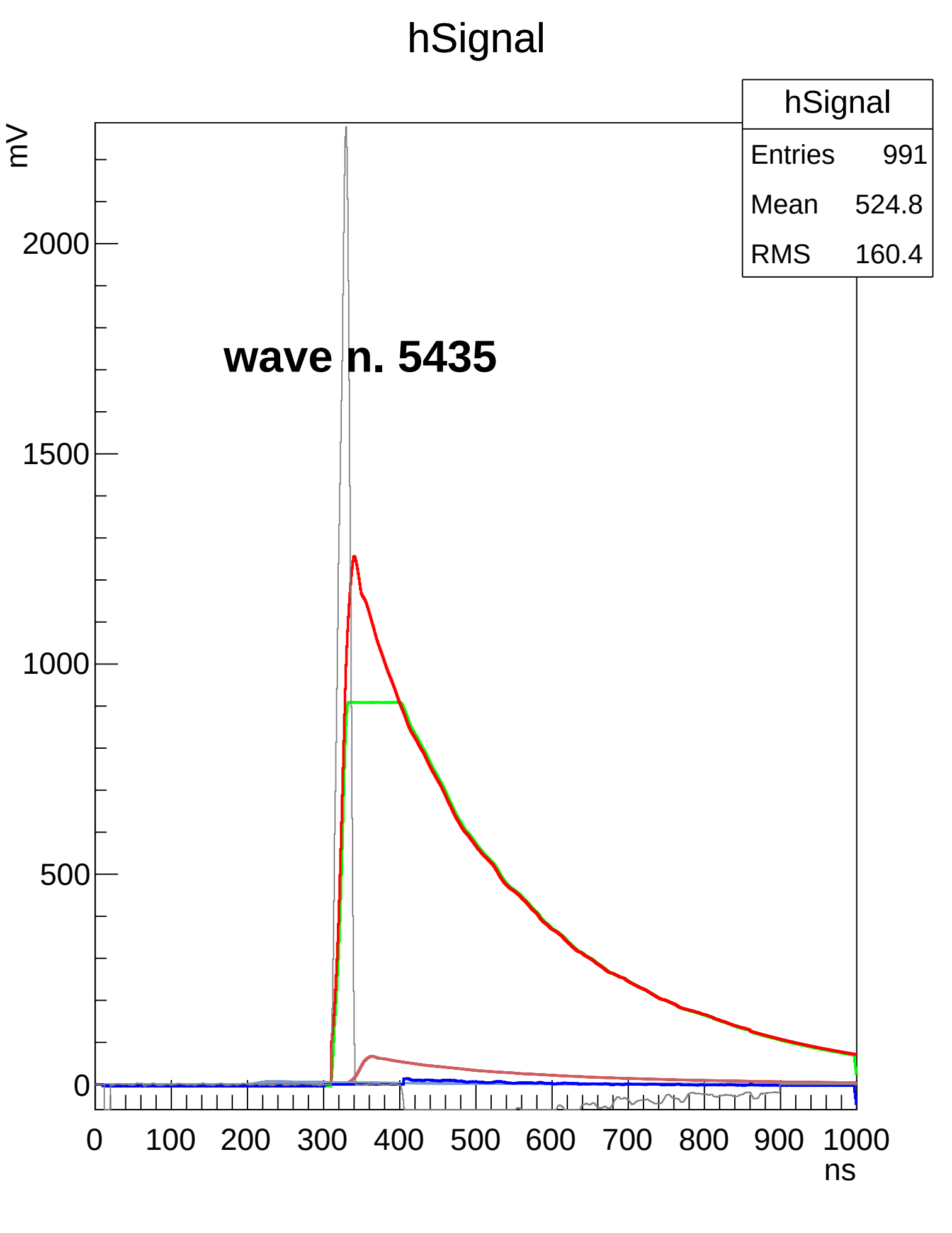
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 462.9
RMS 181.7
wave n. 5431
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 541
RMS 177.7
wave n. 5432
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 557.3
RMS 151.7
wave n. 5433
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.8
RMS 187.7
wave n. 5434
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 524.8
RMS 160.4
wave n. 5435
mV
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1500
1000
500
0
0
100
200
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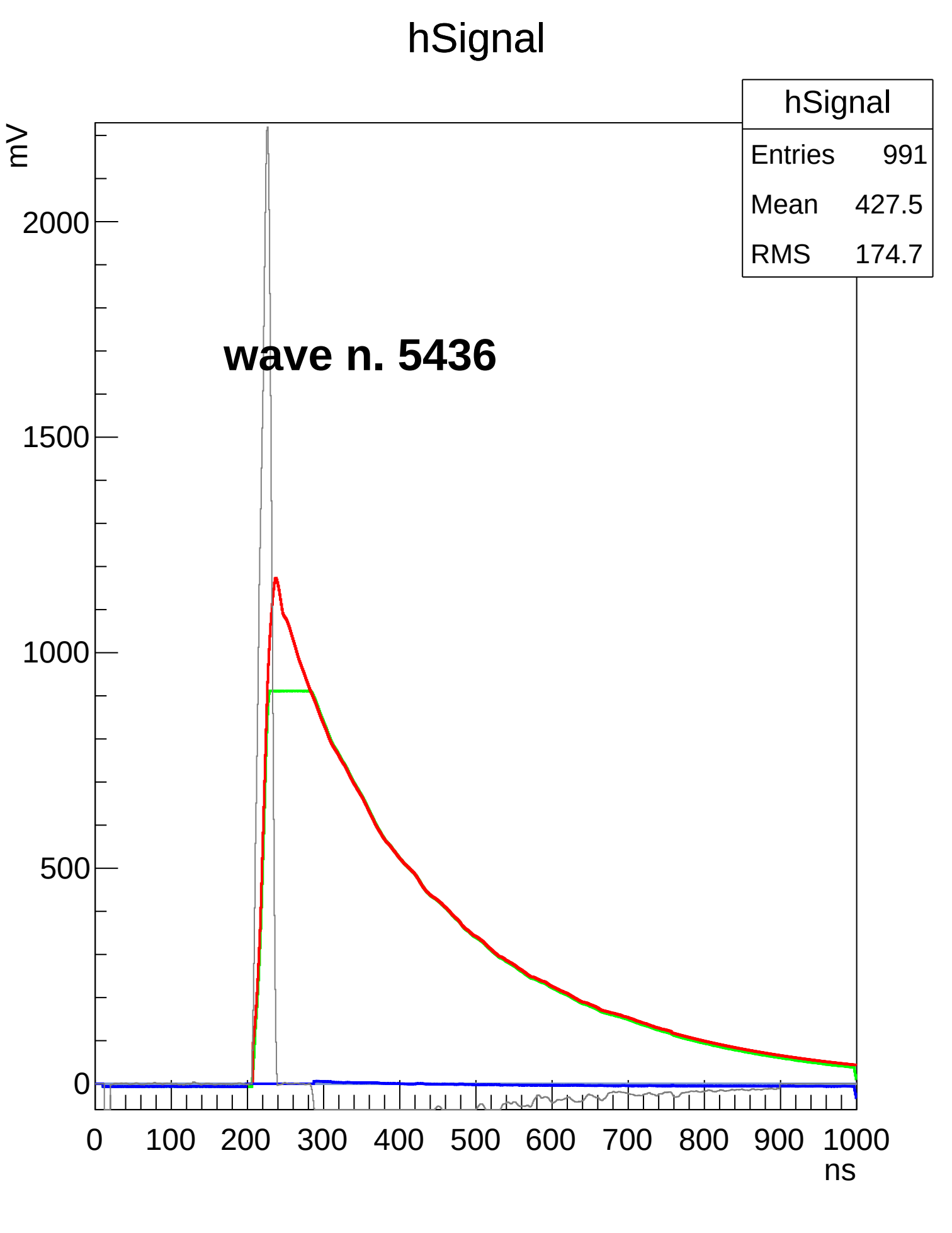
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 427.5
RMS 174.7
wave n. 5436
mV
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1500
1000
500
0
0
100
200
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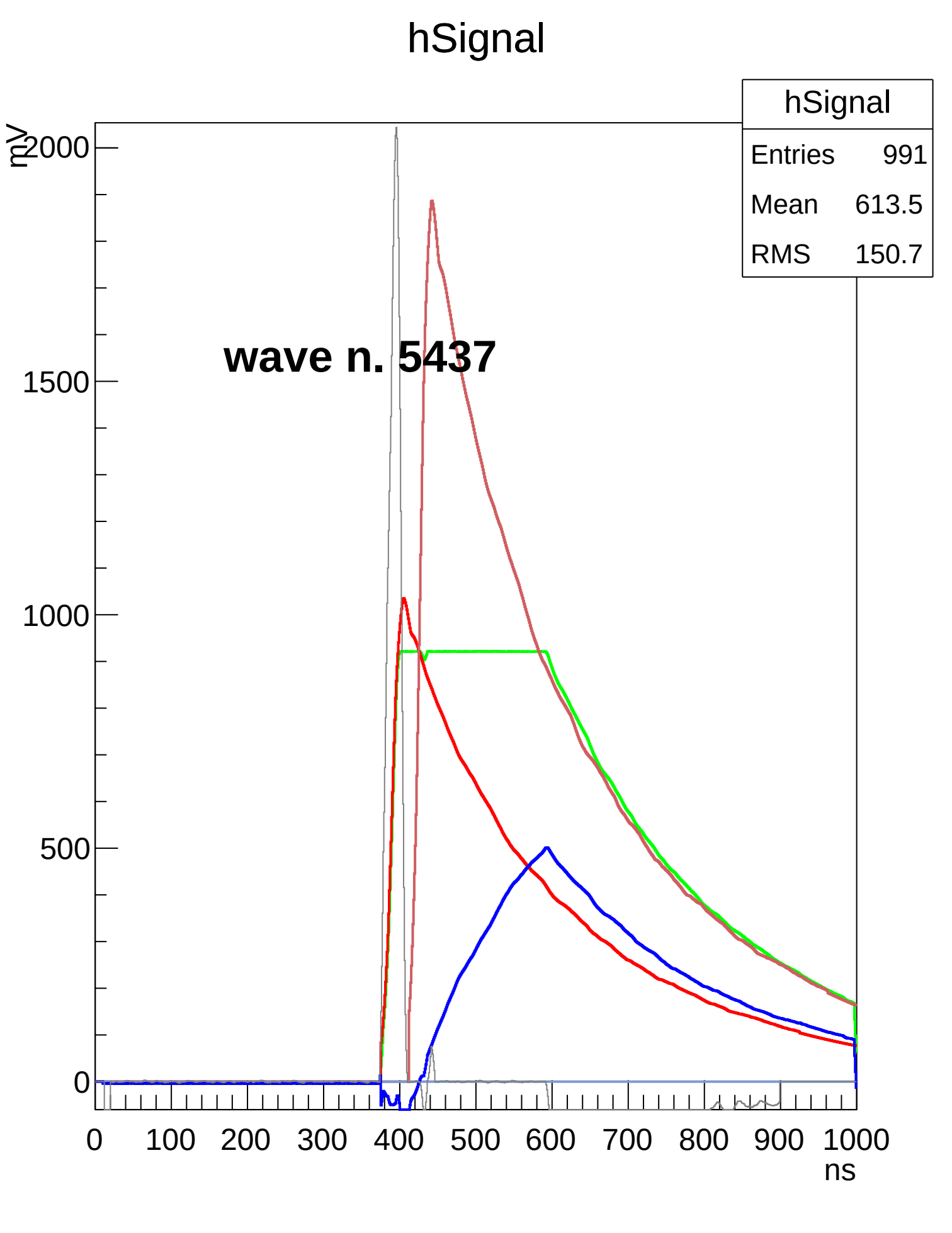
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 613.5
RMS 150.7
wave n. 5437
mV
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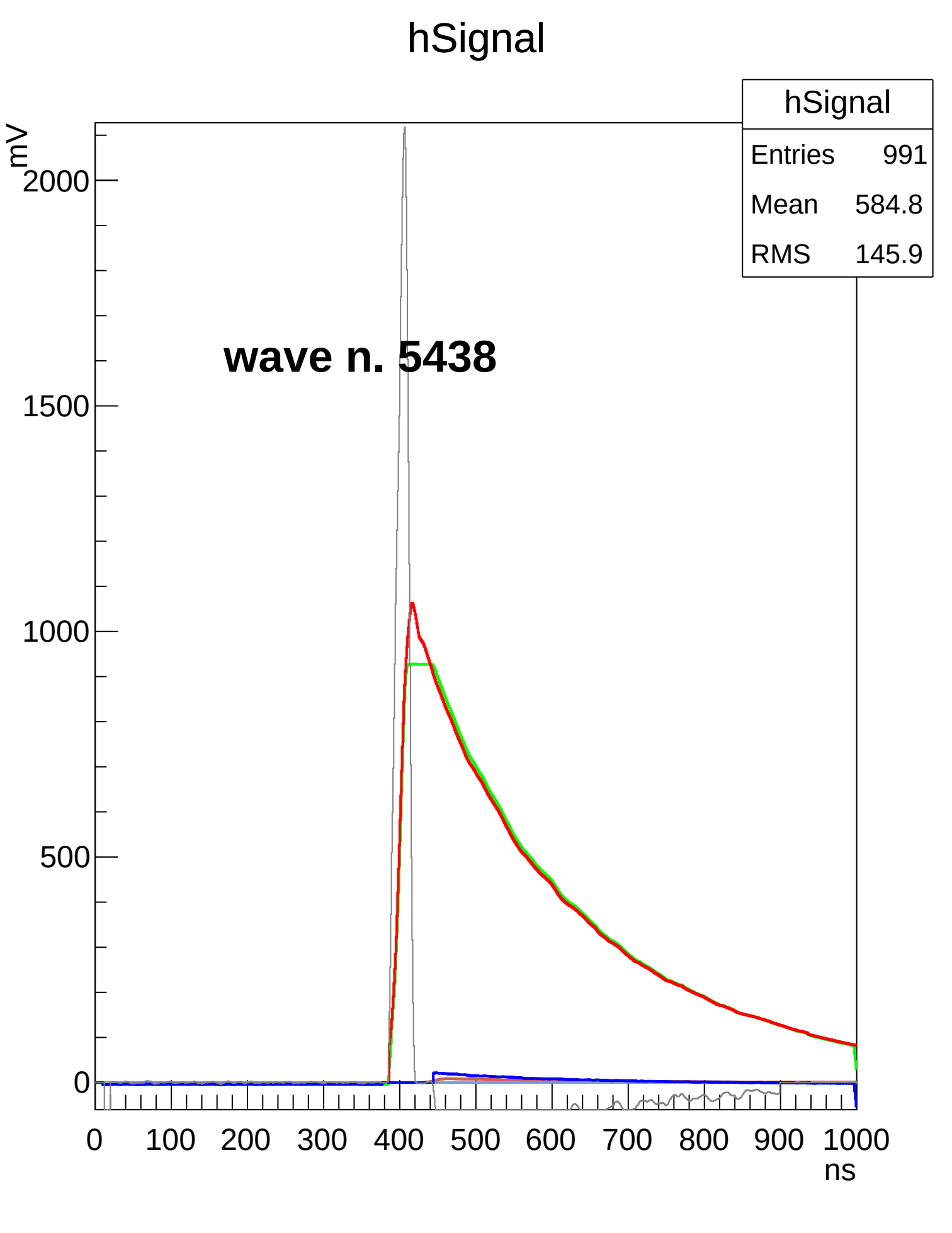
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 584.8
RMS 145.9
wave n. 5438
mV
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1000
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400
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800
900
1000
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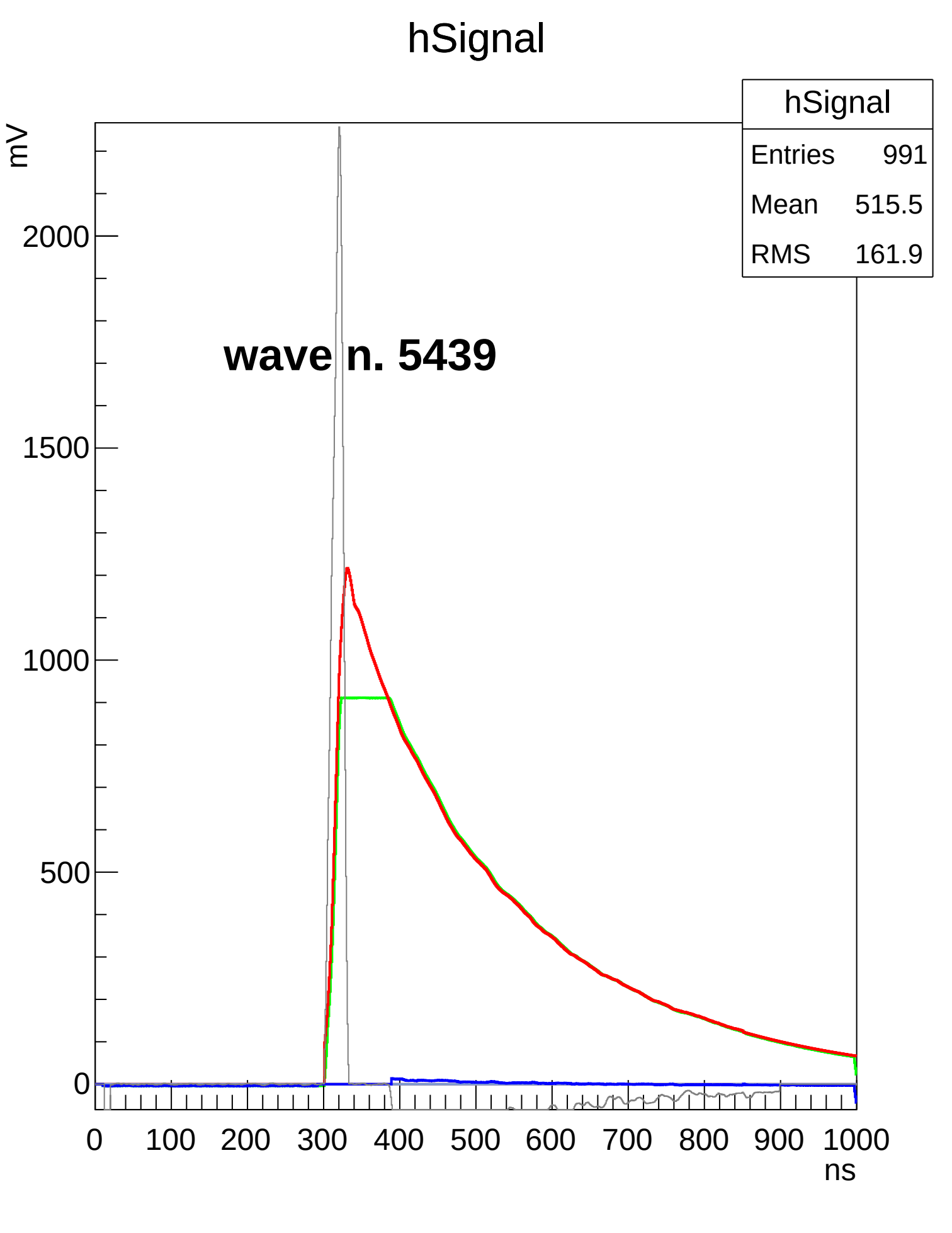
hSignal
hSignal
Entries 991
Mean 515.5
RMS 161.9
wave n. 5439
mV
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1500
1000
500
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100
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400
500
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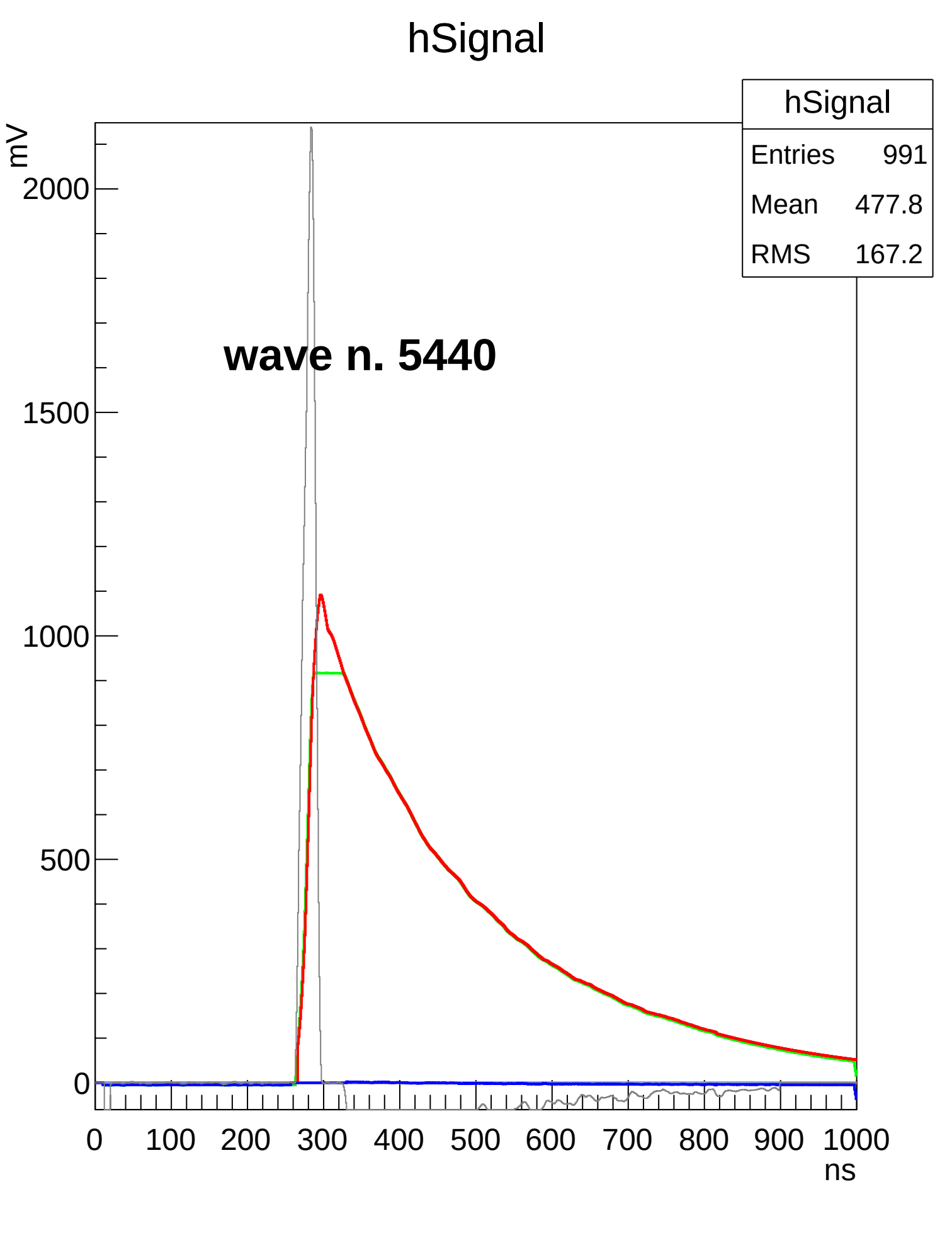
700
800
900
1000
ns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hSignal
Entries 991
Mean 477.8
RMS 167.2
wave n. 5440
mV
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1500
1000
500
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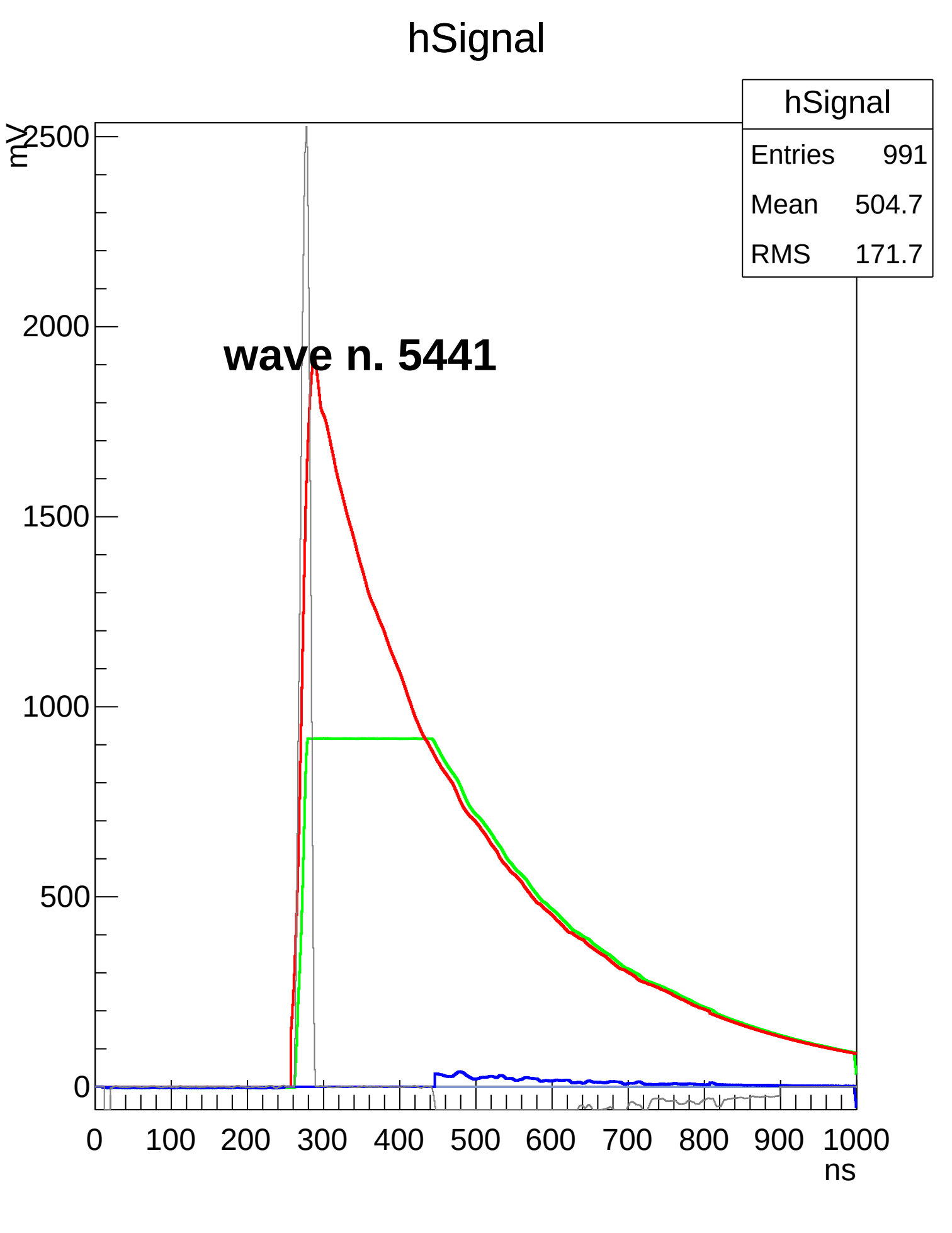
ns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hSignal
Entries 991
Mean 504.7
RMS 171.7
wave n. 5441
mV
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500
0
0
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400
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600
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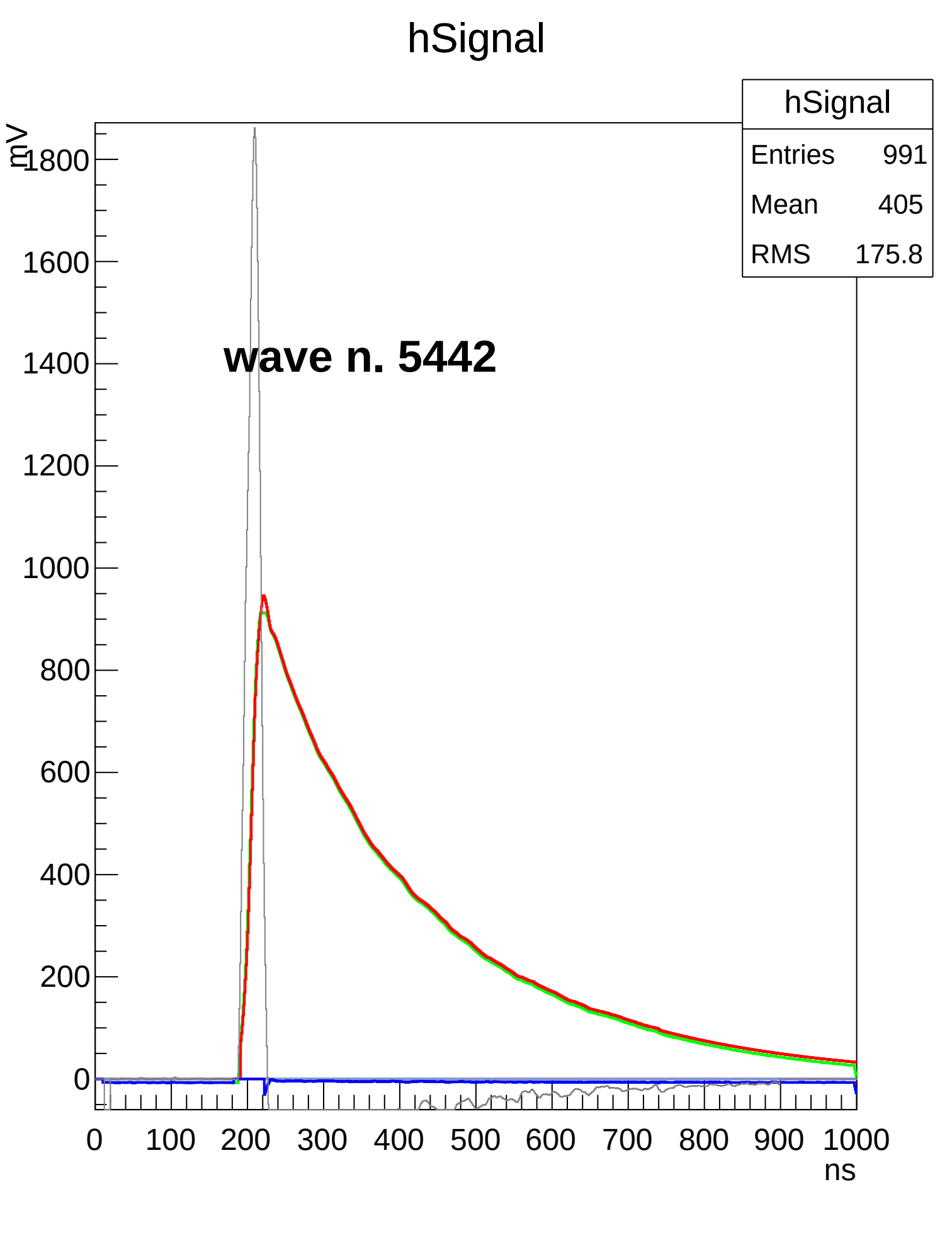
1000
ns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hSignal
Entries 991
Mean 405
RMS 175.8
wave n. 5442
mV
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1600
1400
1200
1000
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400
200
0
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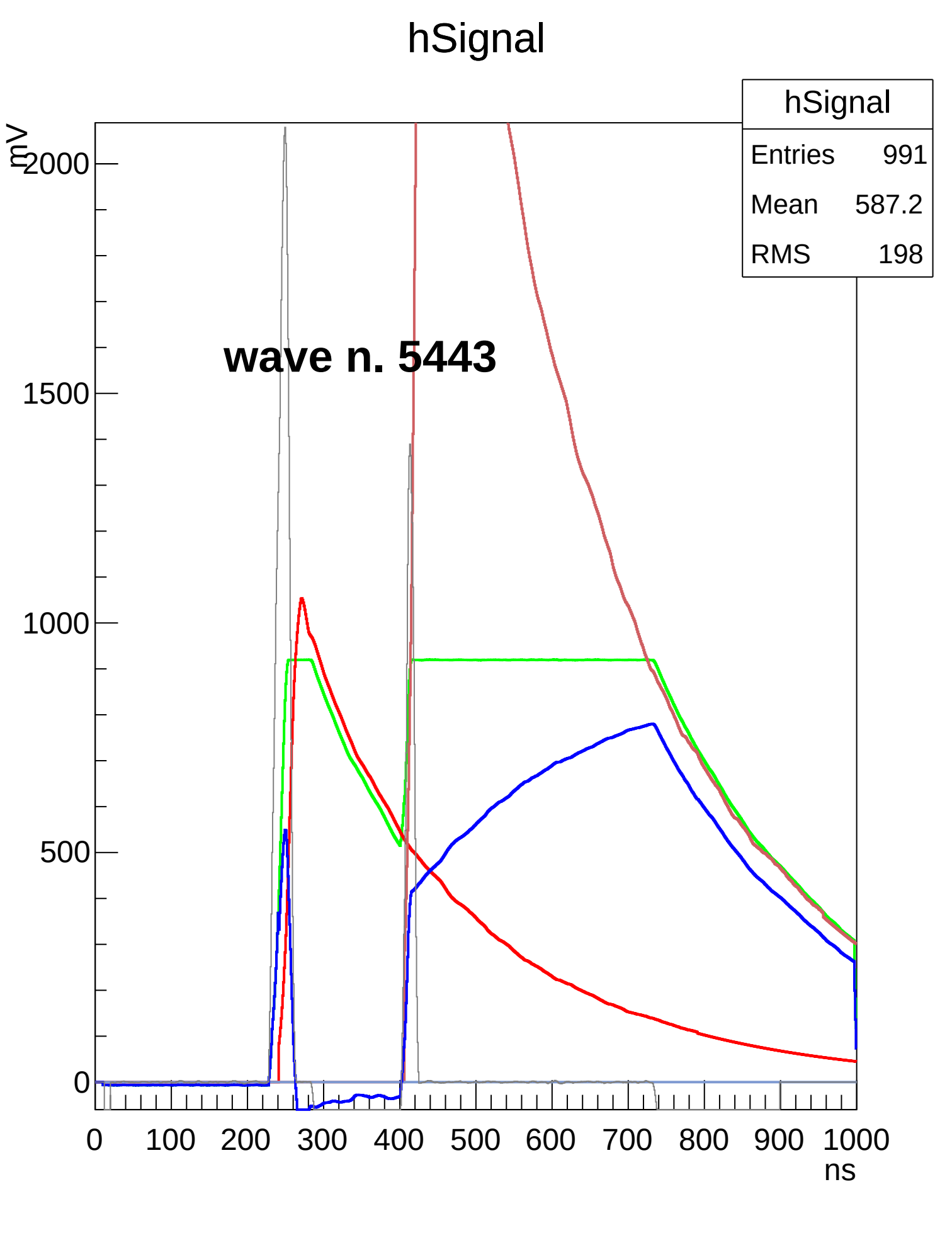
ns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hSignal
Entries 991
Mean 587.2
RMS 198
wave n. 5443
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800
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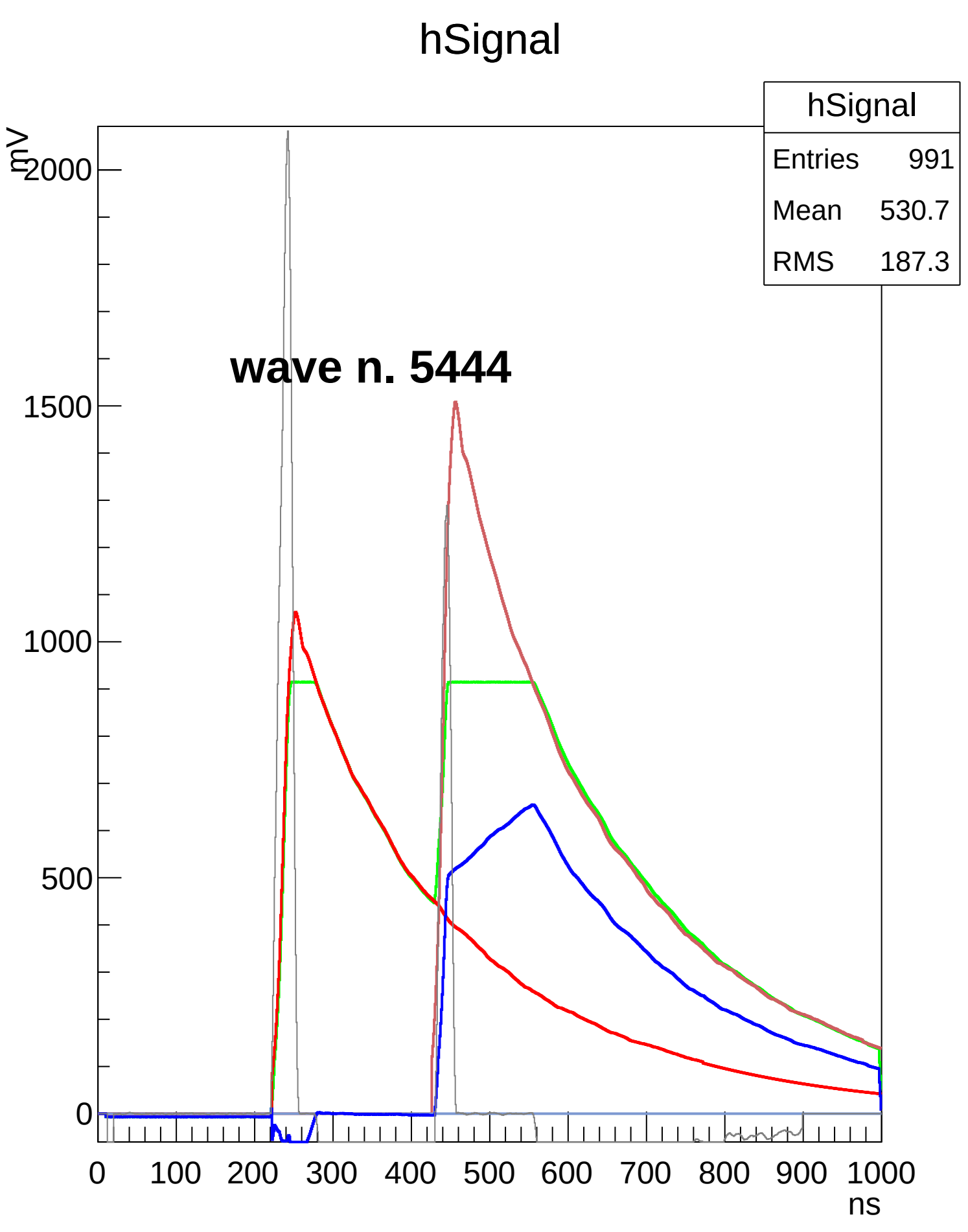
1000
ns


hSignal
hSignal
Entries 991
Mean 530.7
RMS 187.3
wave n. 5444
mV
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100
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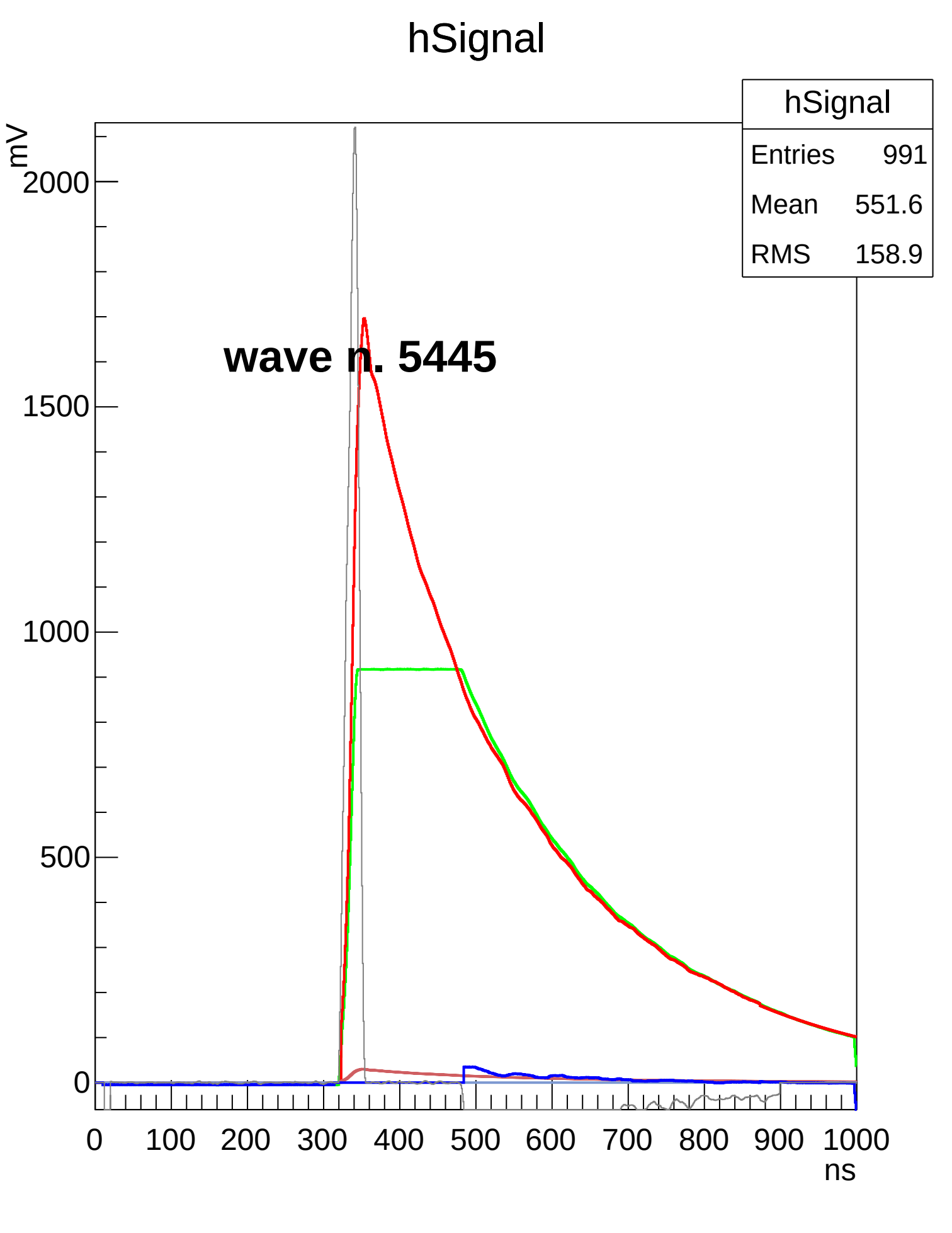
1000
ns


hSignal
hSignal
Entries 991
Mean 551.6
RMS 158.9
wave n. 5445
mV
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1500
1000
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400
500
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800
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1000
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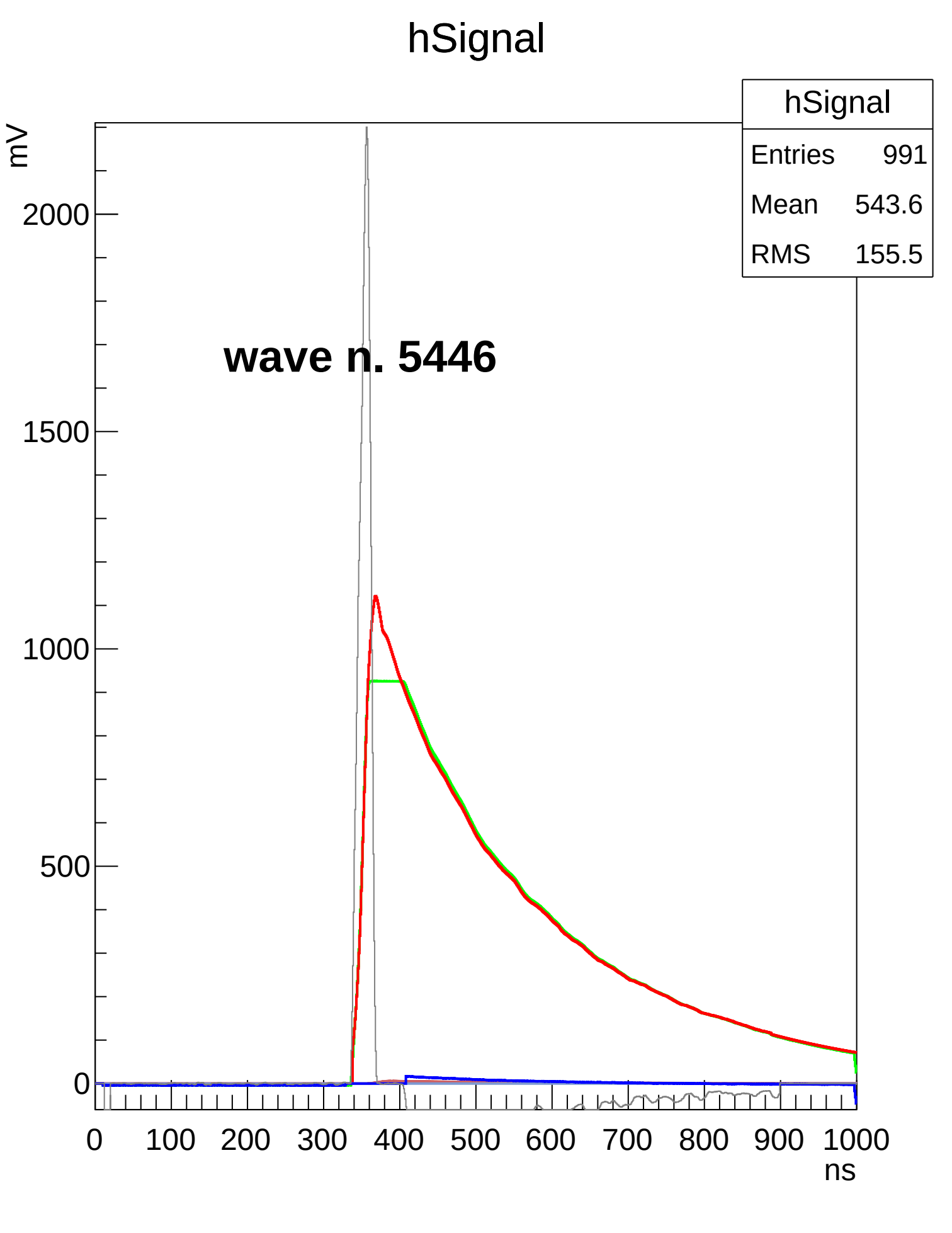
hSignal
hSignal
Entries 991
Mean 543.6
RMS 155.5
wave n. 5446
mV
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400
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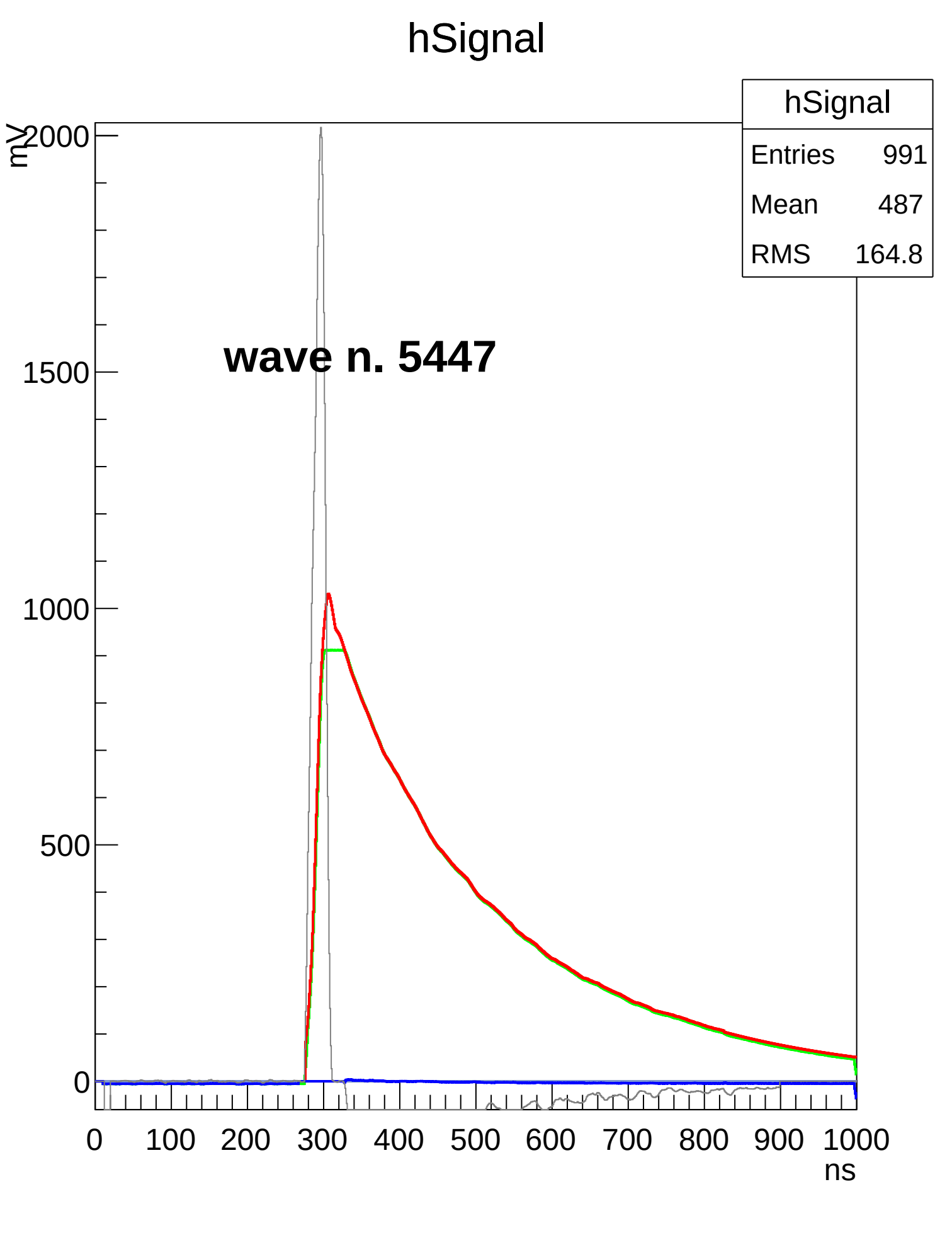
1000
ns


hSignal
hSignal
Entries 991
Mean 487
RMS 164.8
wave n. 5447
mV
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1000
500
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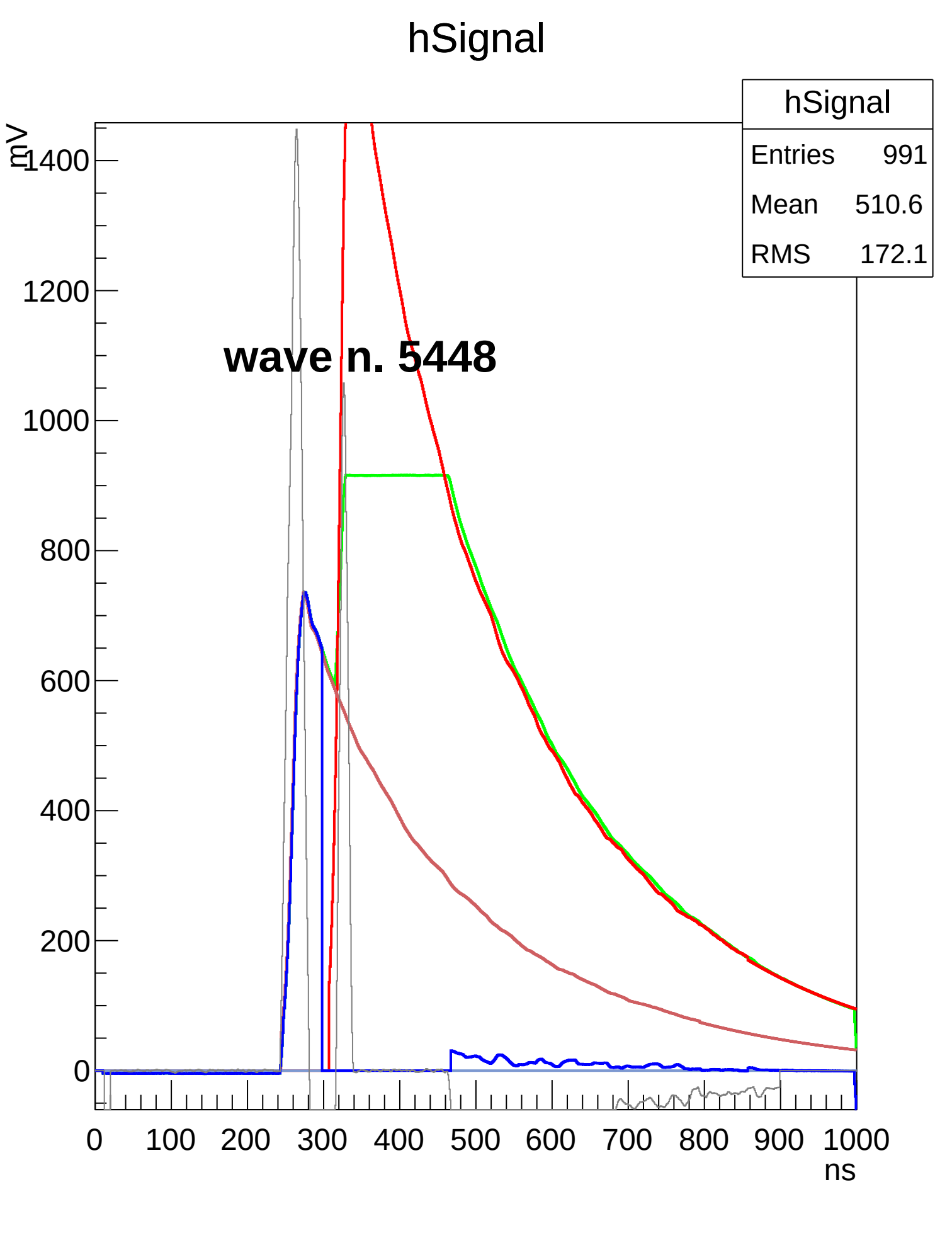
ns


hSignal
hSignal
Entries 991
Mean 510.6
RMS 172.1
wave n. 5448
mV
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1000
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600
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200
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400
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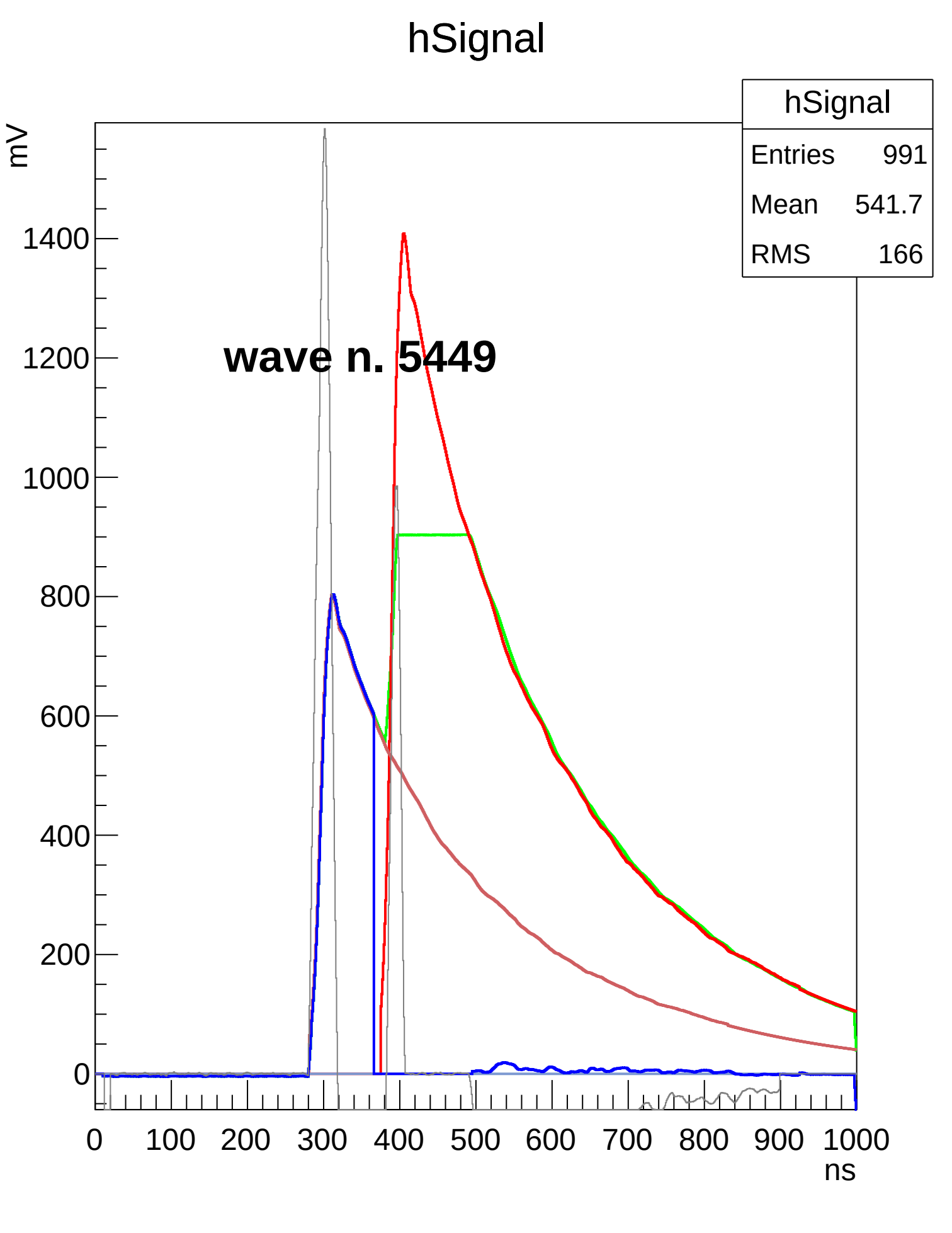
1000
ns


hSignal
hSignal
Entries 991
Mean 541.7
RMS 166
wave n. 5449
mV
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1200
1000
800
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400
200
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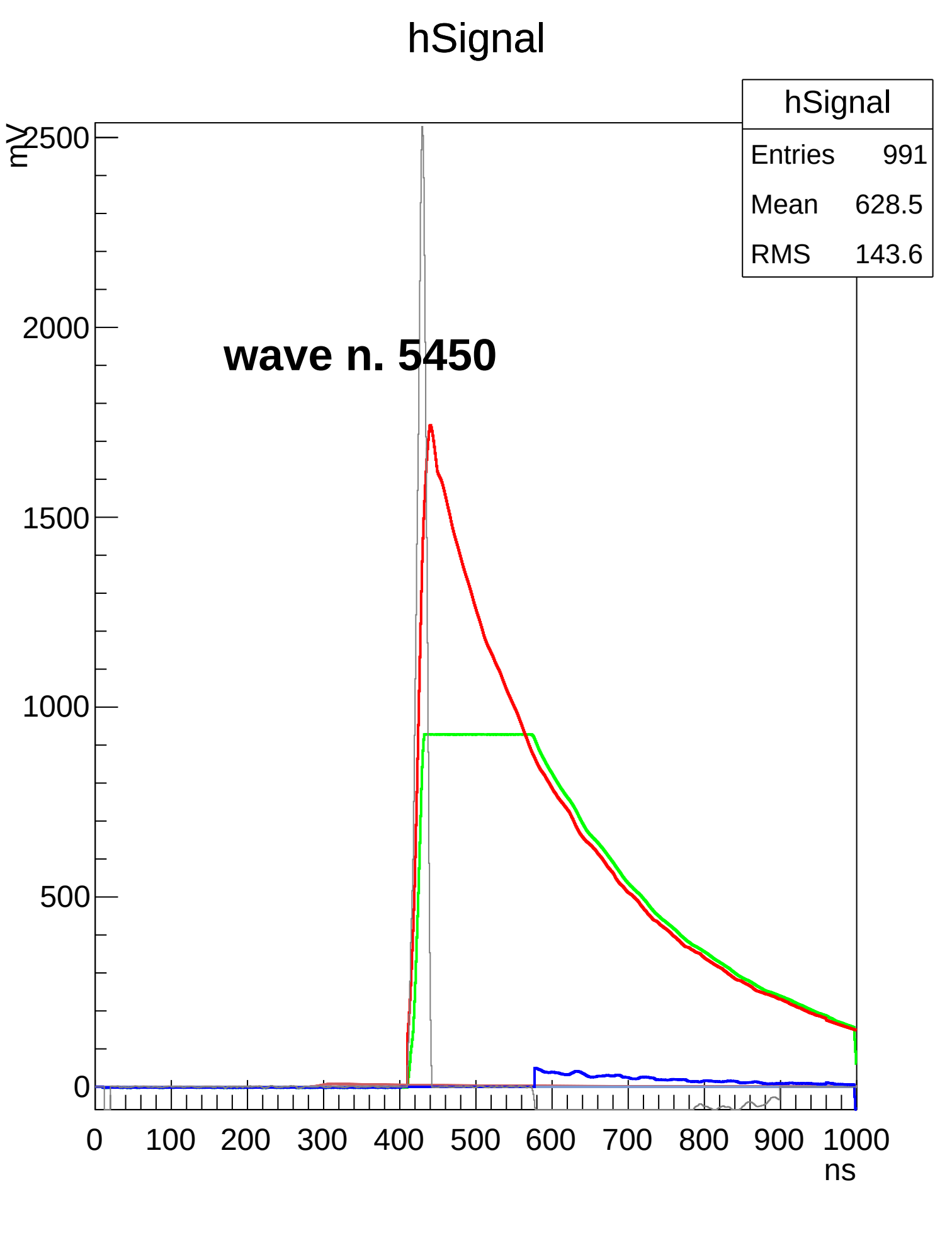
ns


hSignal
hSignal
Entries 991
Mean 628.5
RMS 143.6
wave n. 5450
mV
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1500
1000
500
0
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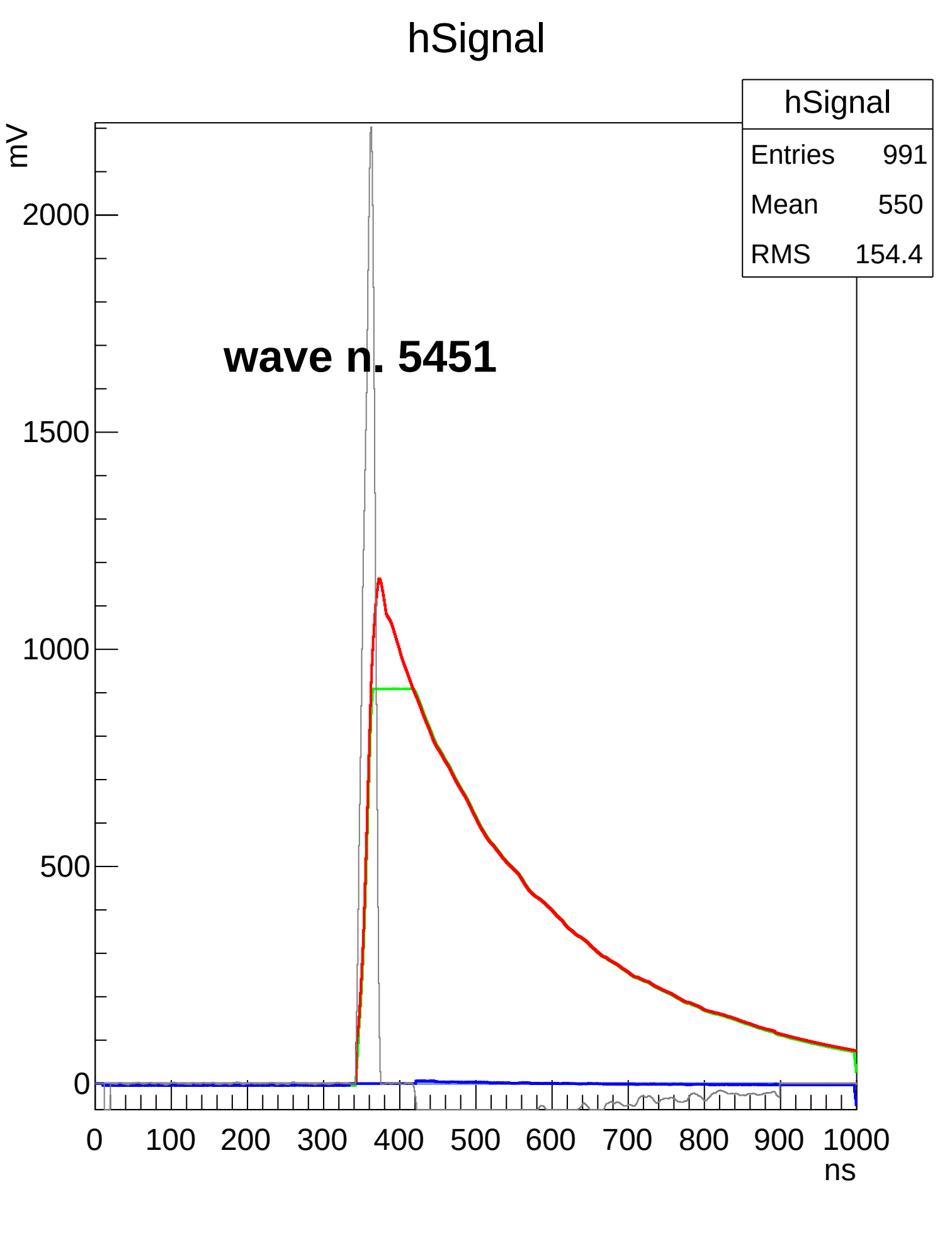
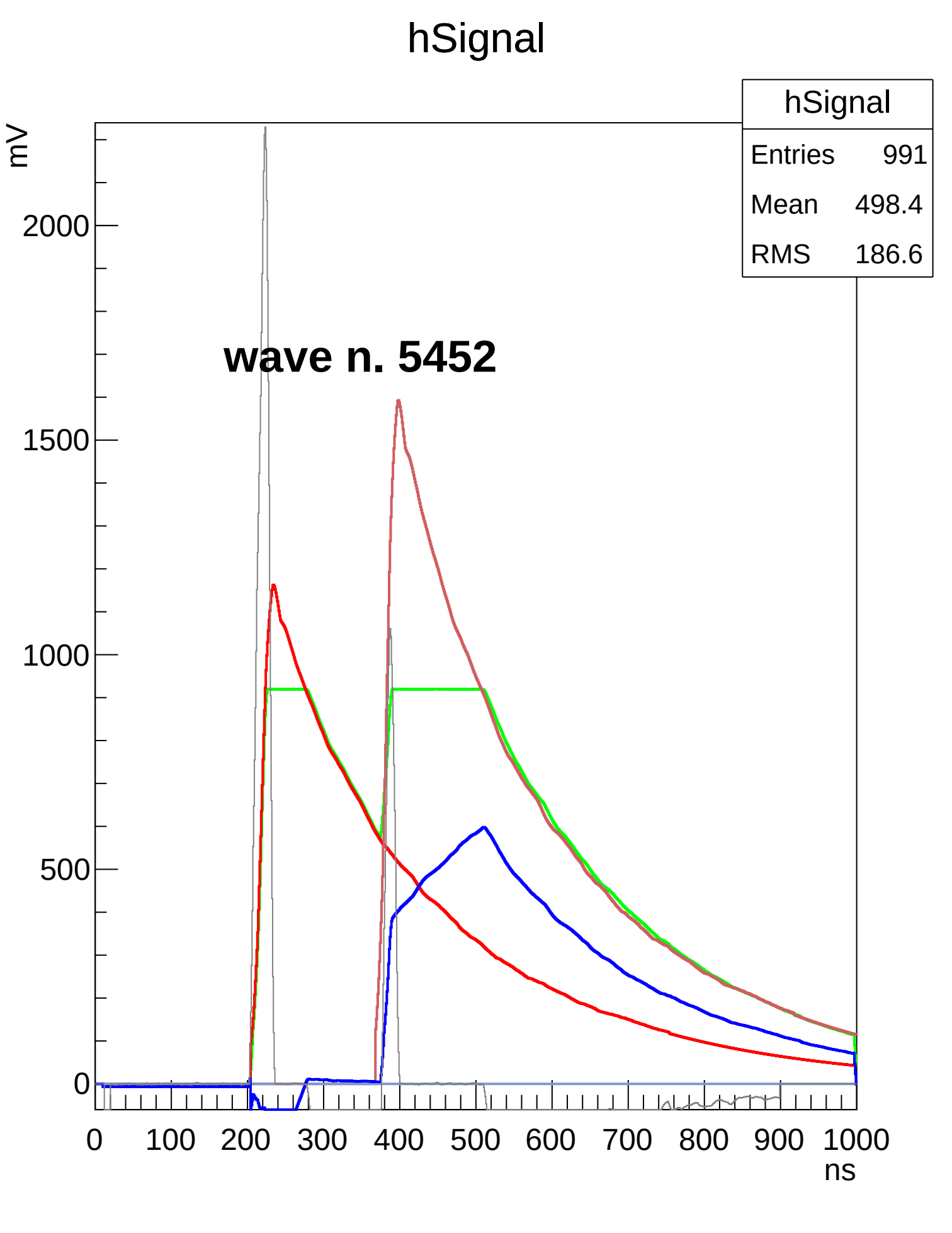
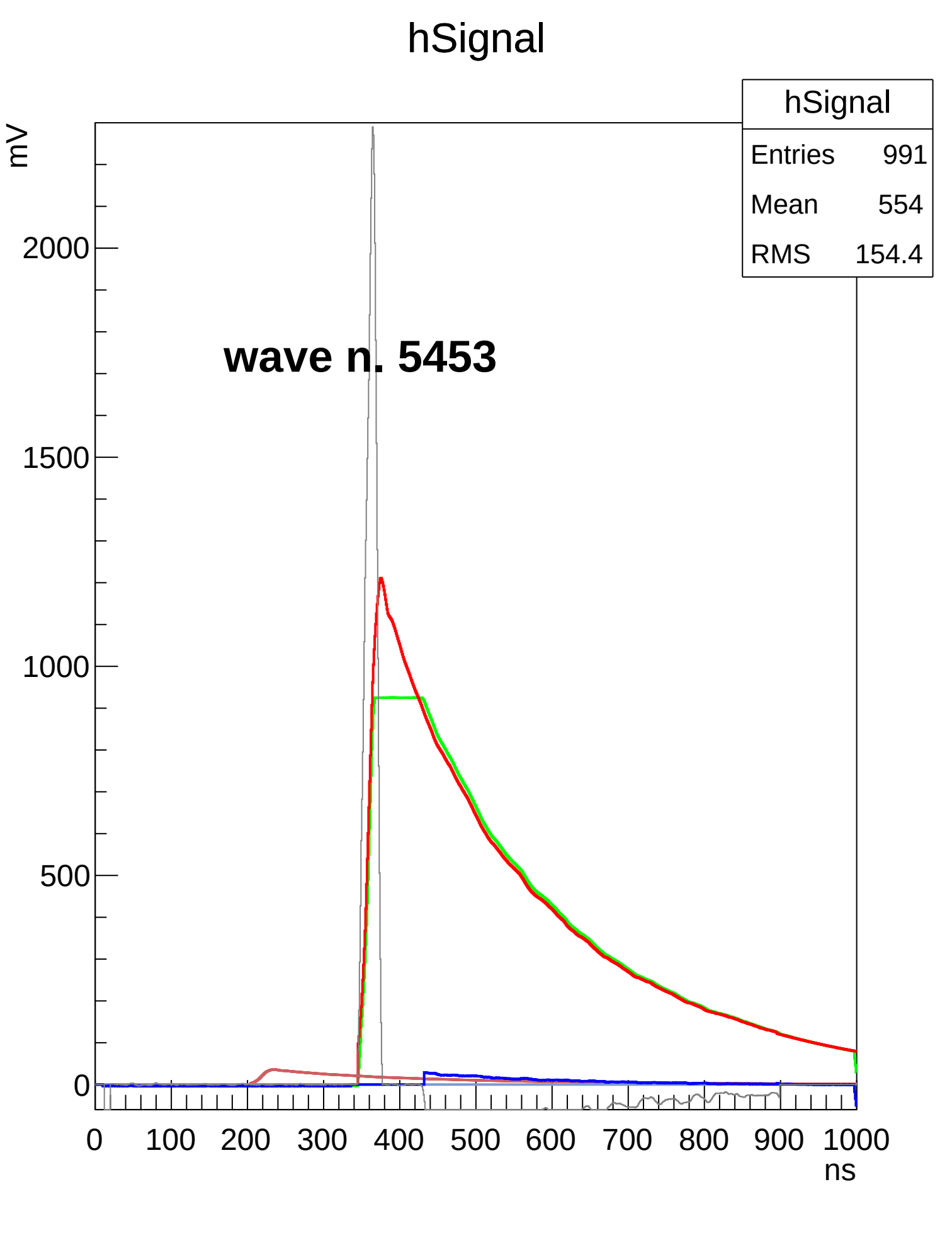
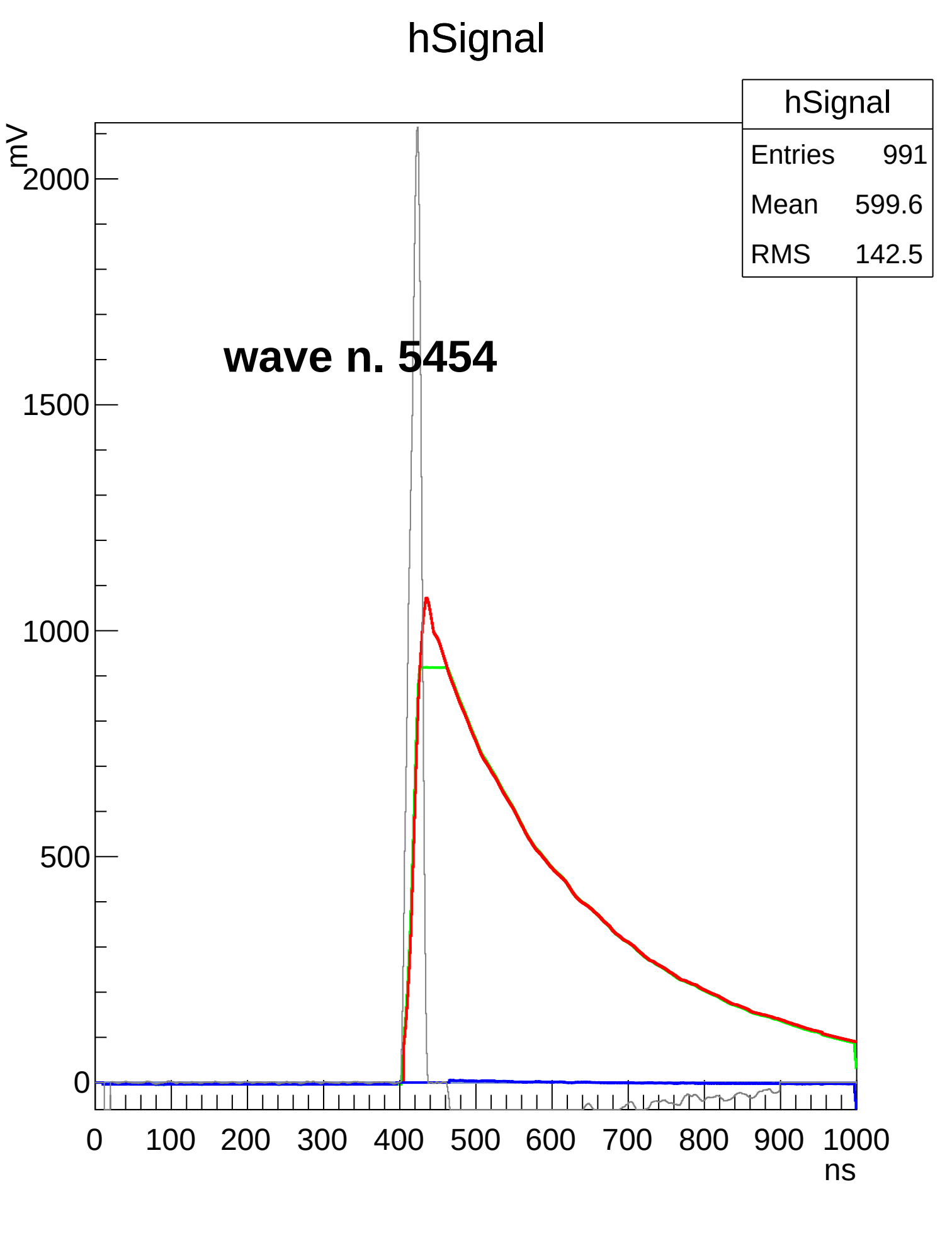
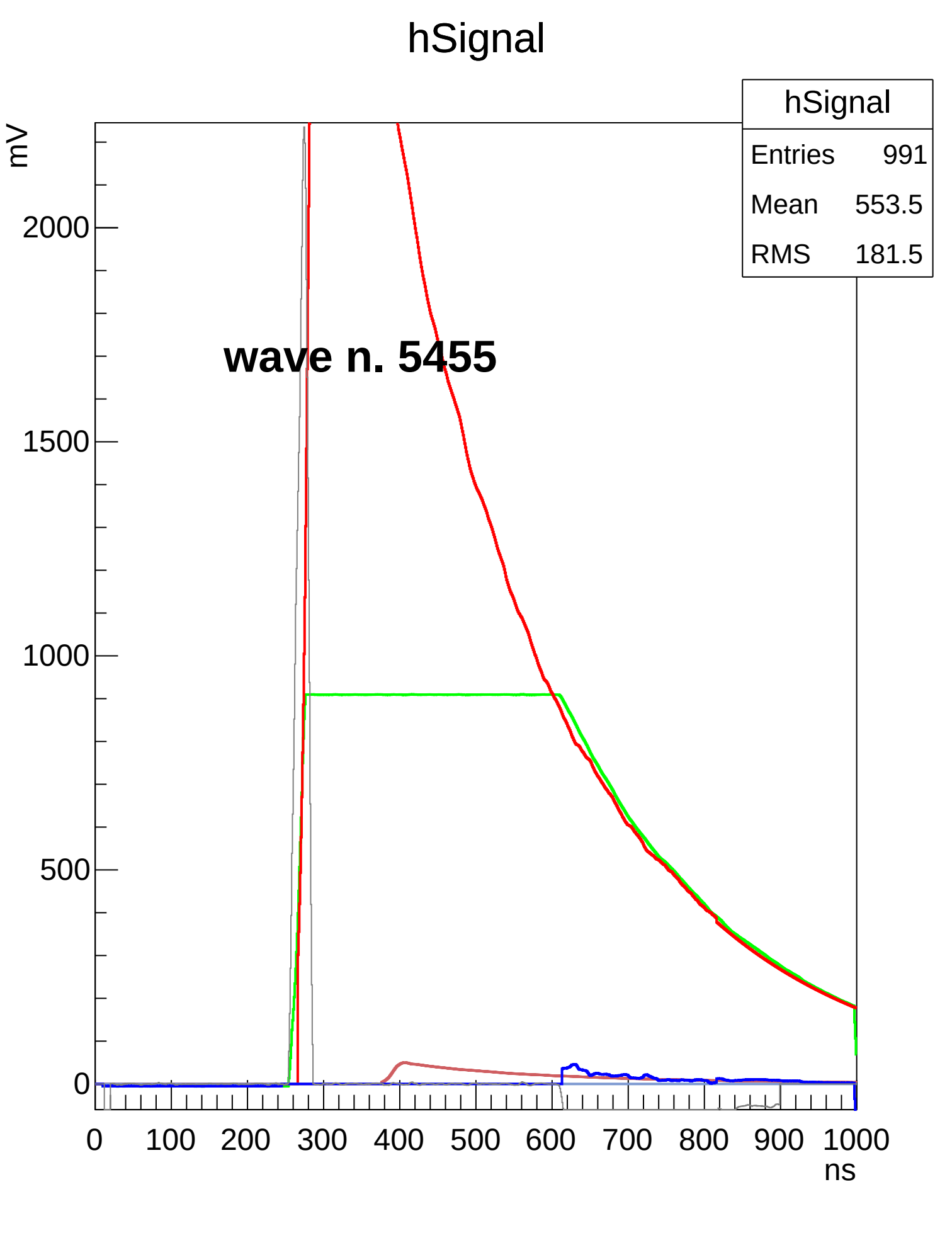
ns

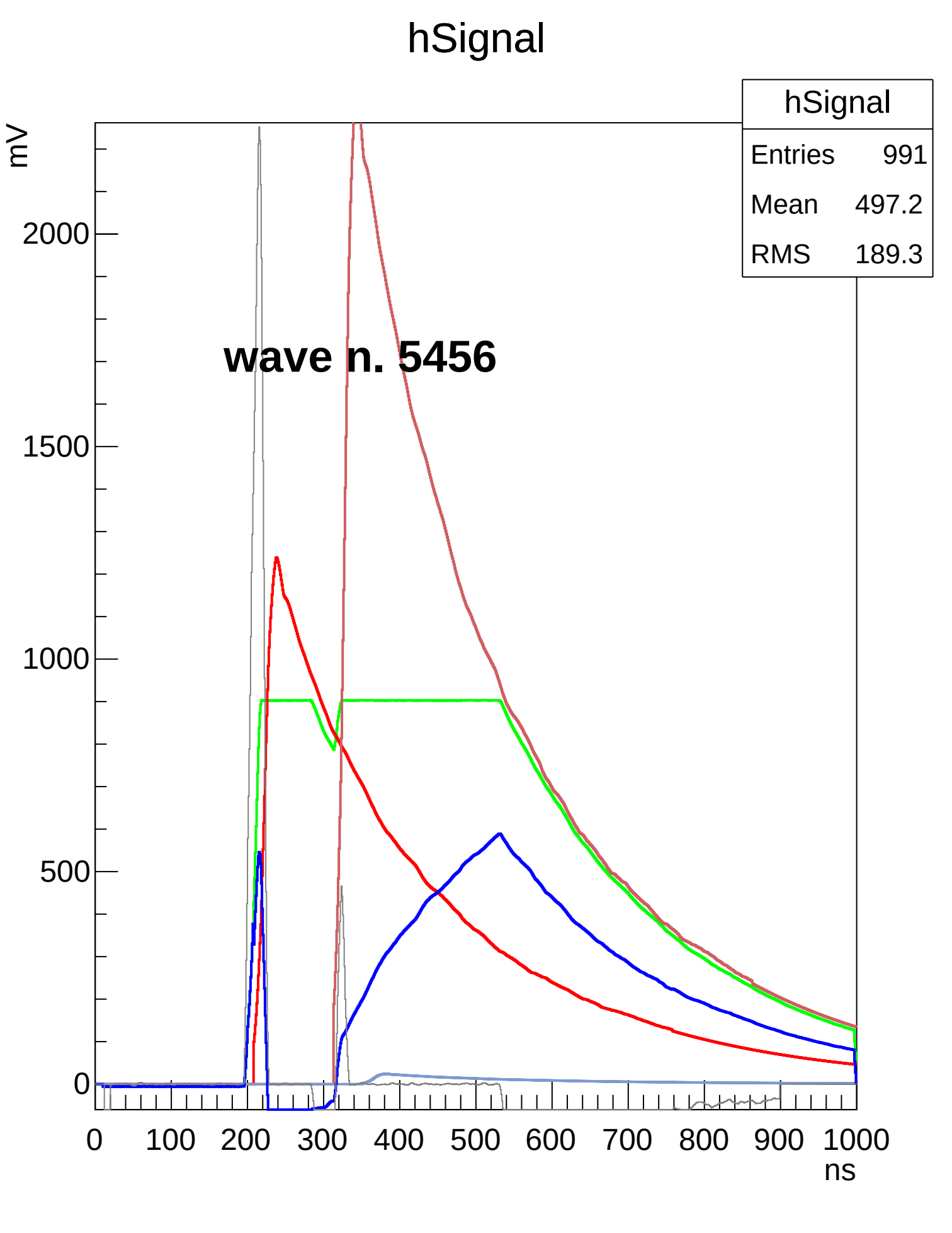

hSignal
hSignal
Entries 991
Mean 550
RMS 154.4
wave n. 5451
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

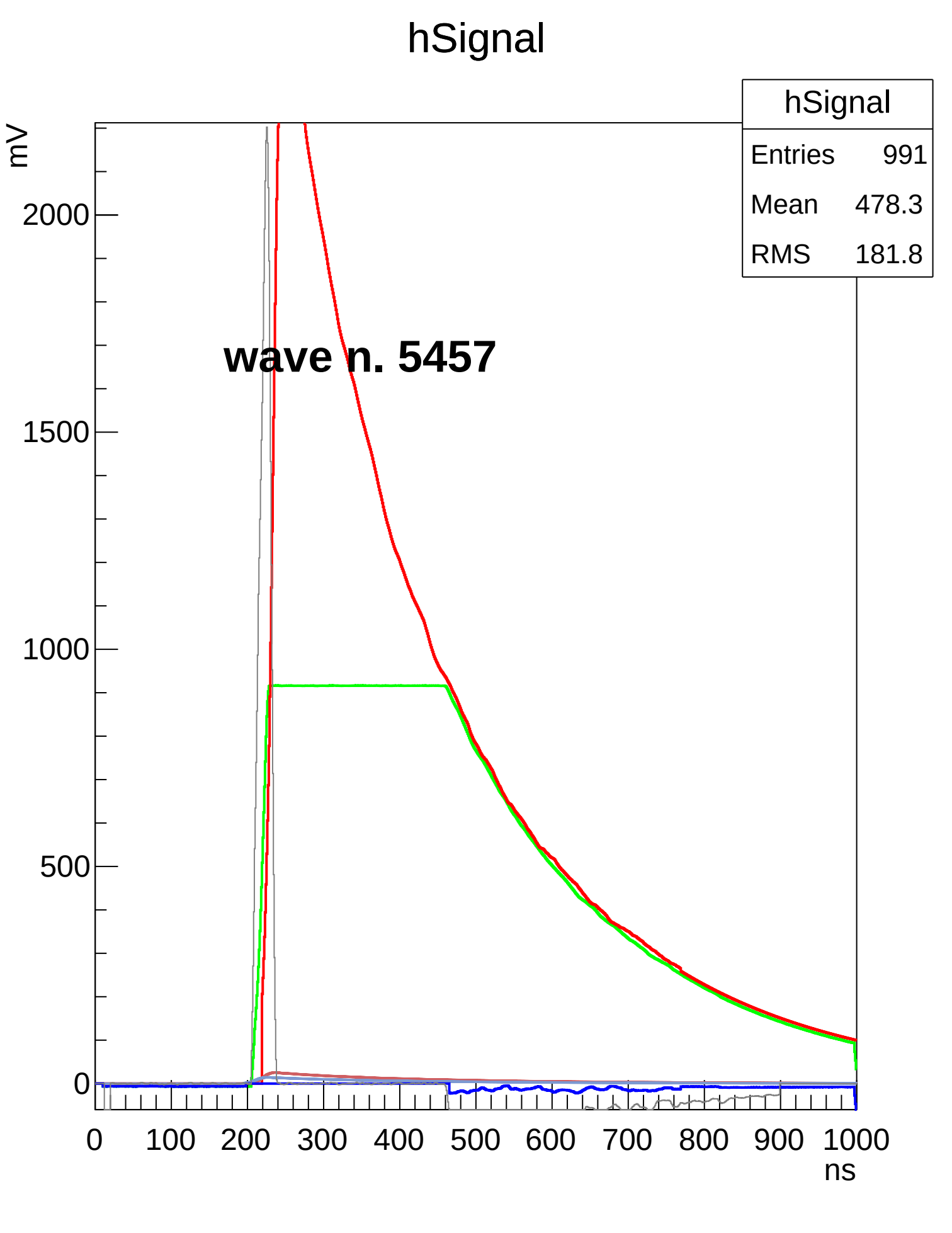

hSignal
hSignal
Entries 991
Mean 498.4
RMS 186.6
wave n. 5452
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

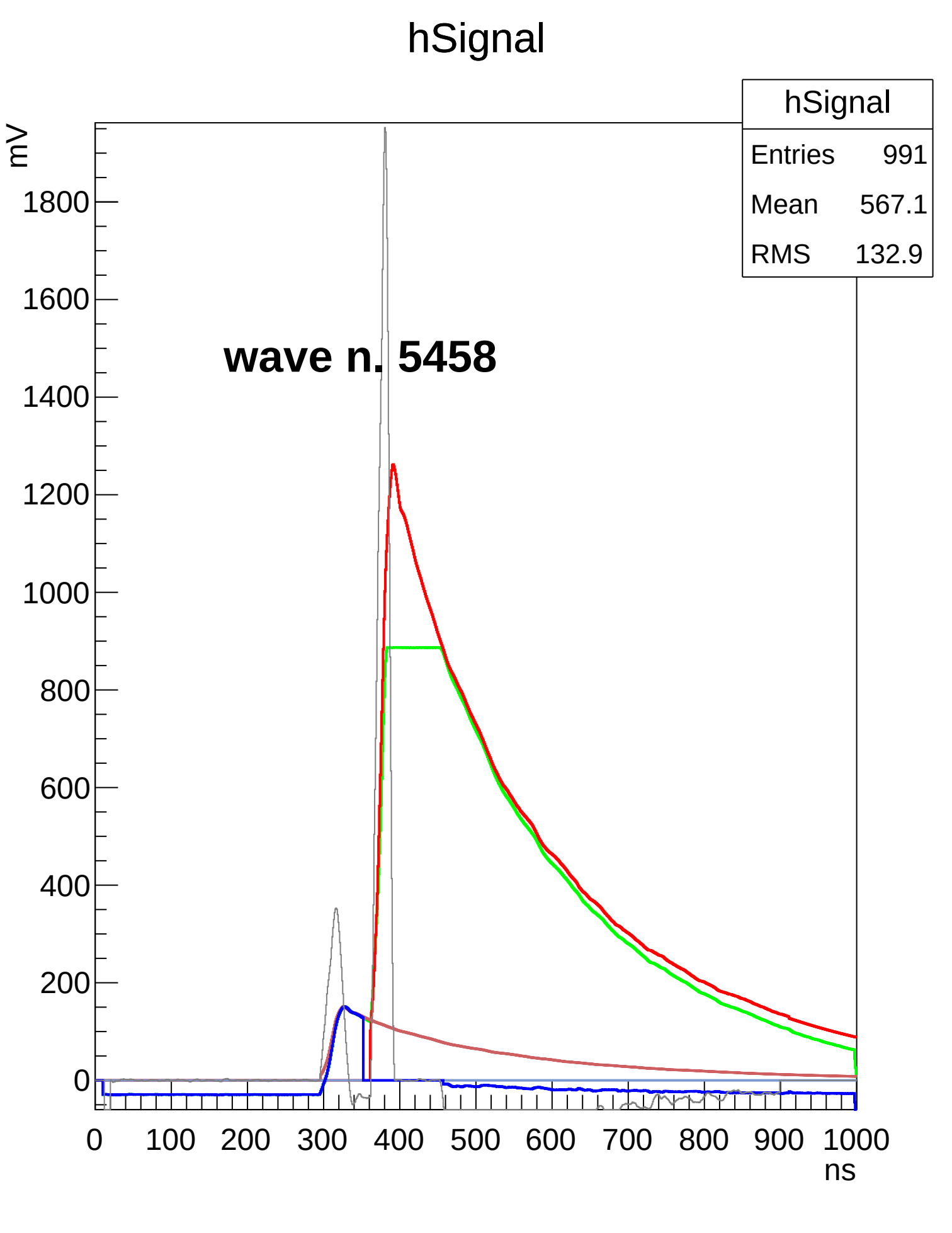

hSignal
hSignal
Entries 991
Mean 554
RMS 154.4
wave n. 5453
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

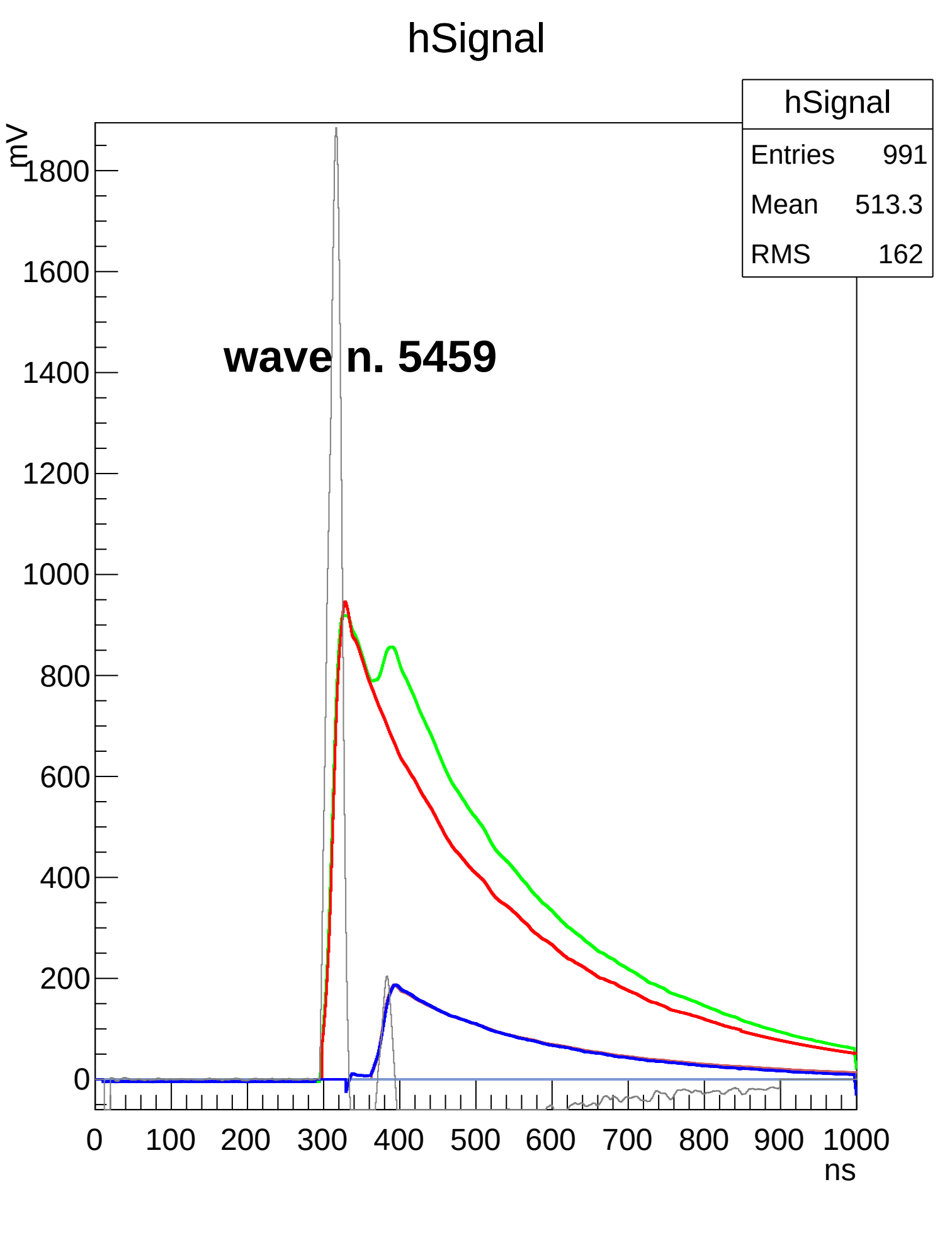

hSignal
hSignal
Entries 991
Mean 599.6
RMS 142.5
wave n. 5454
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

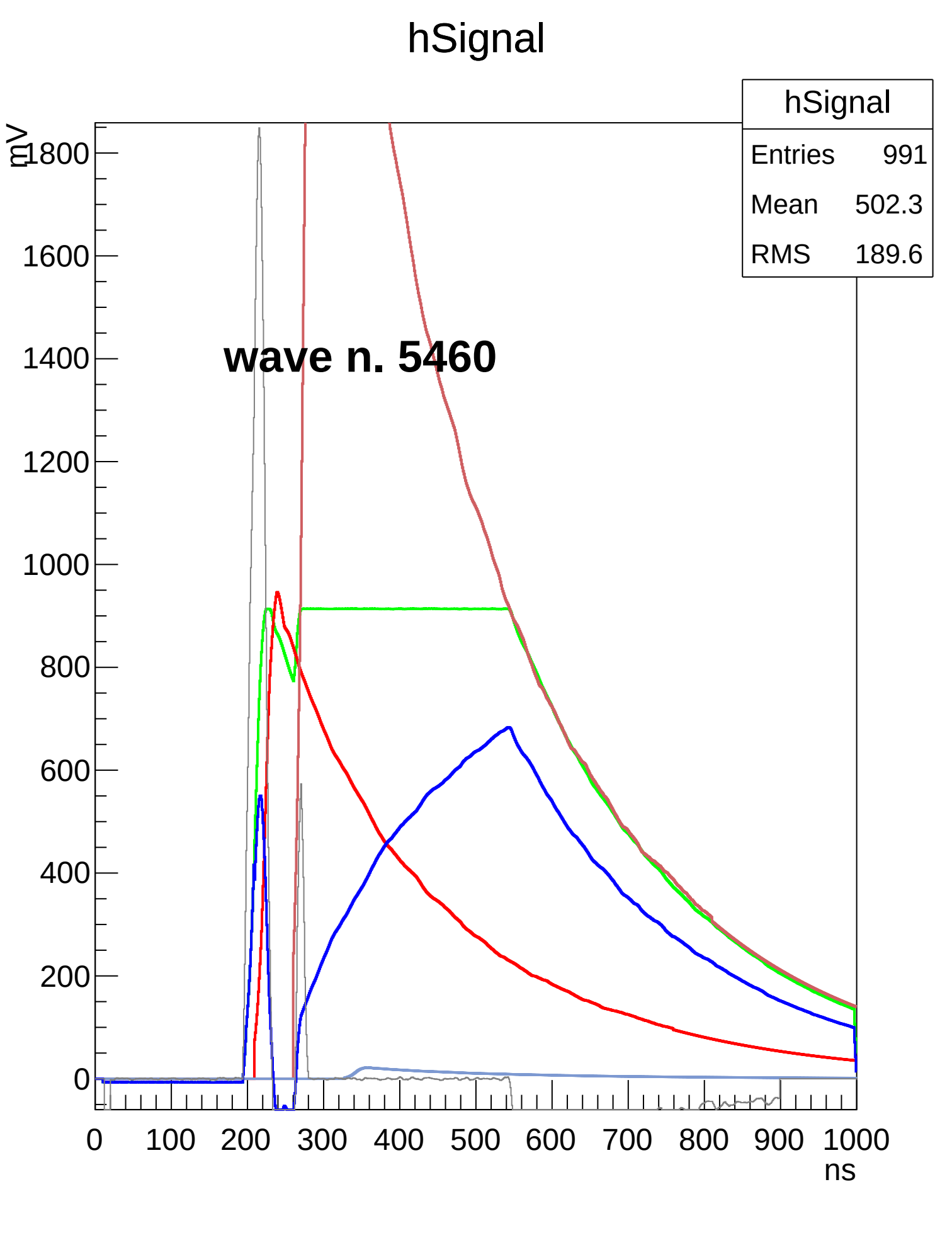

hSignal
hSignal
Entries 991
Mean 553.5
RMS 181.5
wave n. 5455
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

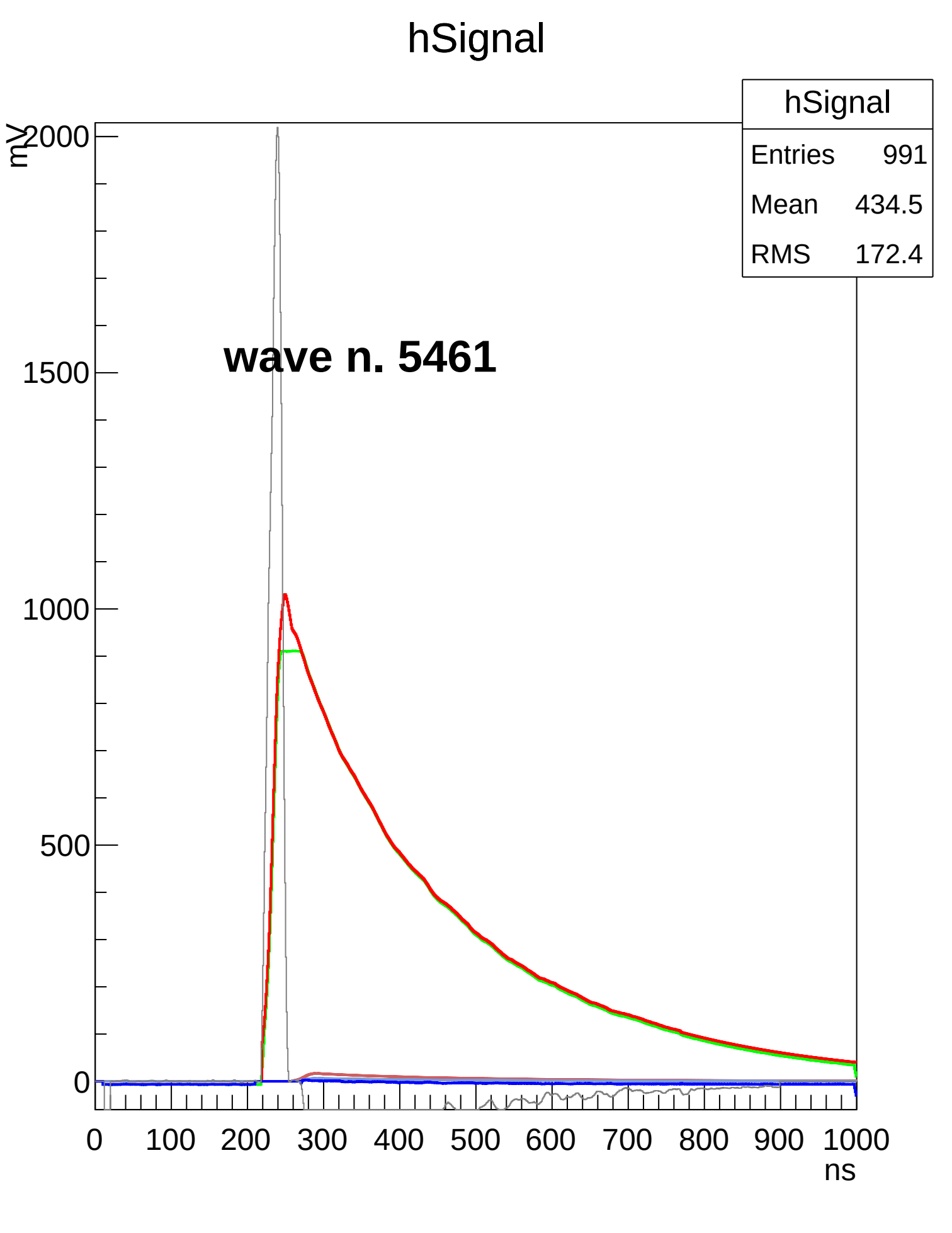

hSignal
hSignal
Entries 991
Mean 497.2
RMS 189.3
wave n. 5456
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 478.3
RMS 181.8
wave n. 5457
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 567.1
RMS 132.9
wave n. 5458
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513.3
RMS 162
wave n. 5459
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 502.3
RMS 189.6
wave n. 5460
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 434.5
RMS 172.4
wave n. 5461
mV
2000
1500
1000
500
0
0
100
200
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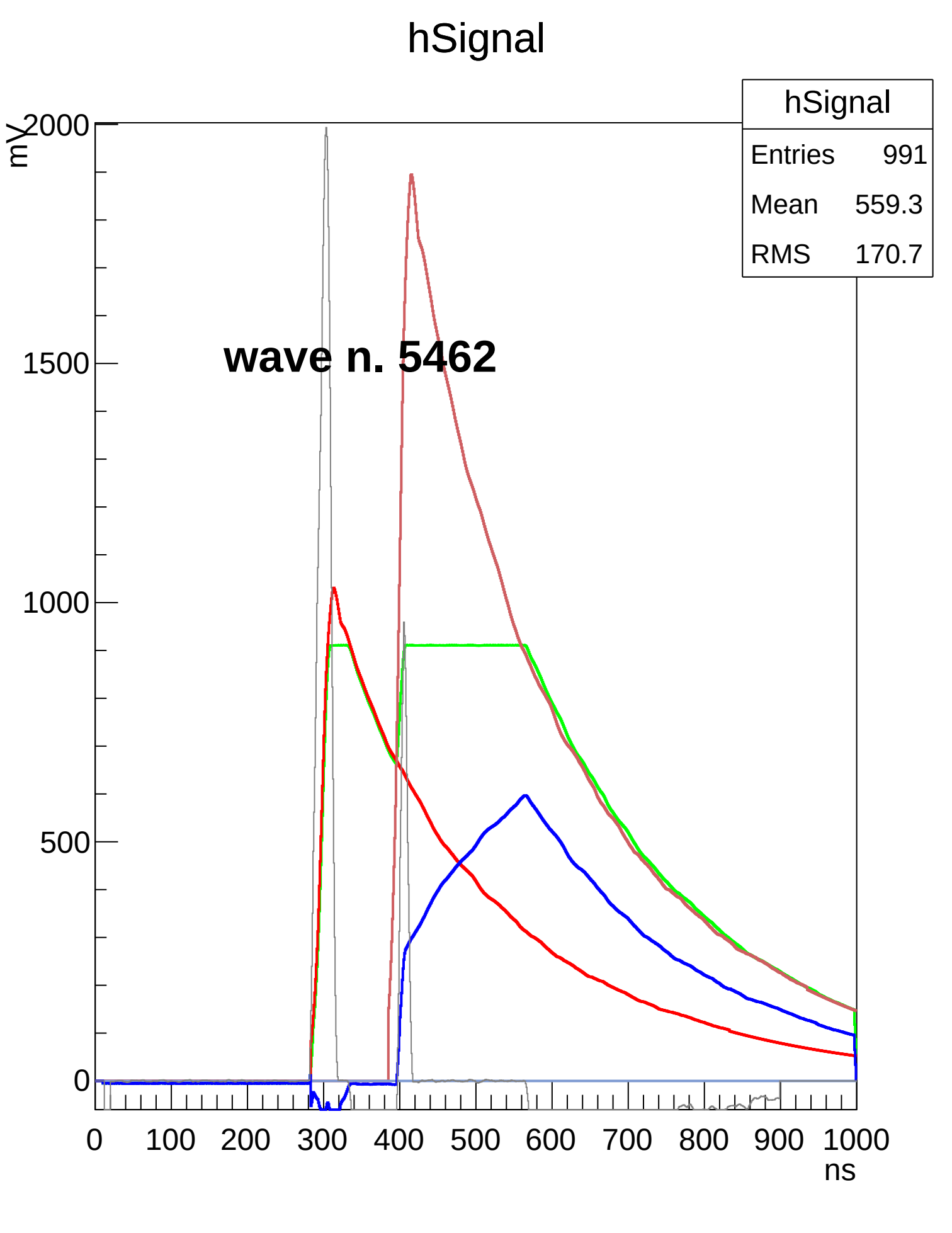
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 559.3
RMS 170.7
wave n. 5462
mV
2000
1500
1000
500
0
0
100
200
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400
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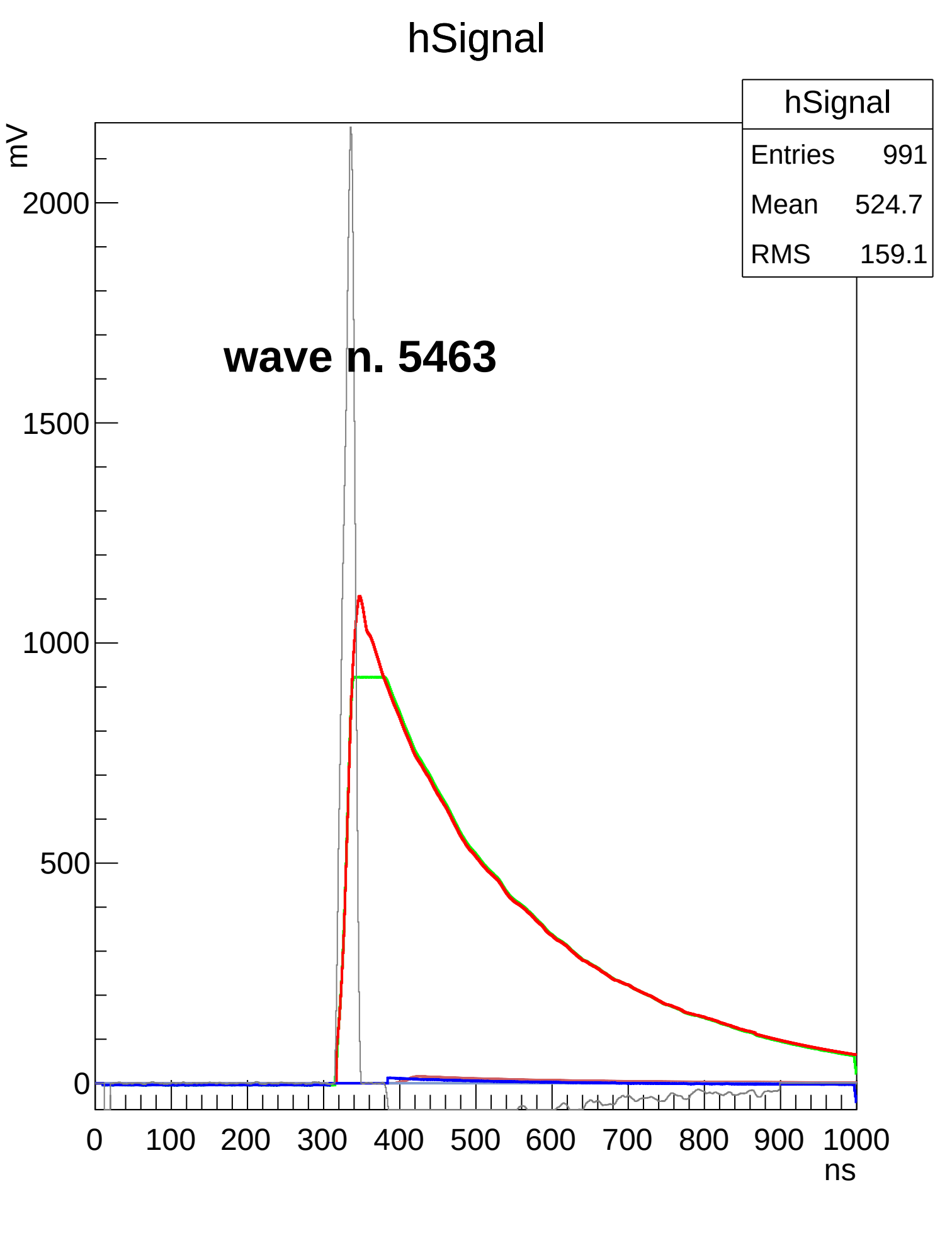
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 524.7
RMS 159.1
wave n. 5463
mV
2000
1500
1000
500
0
0
100
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400
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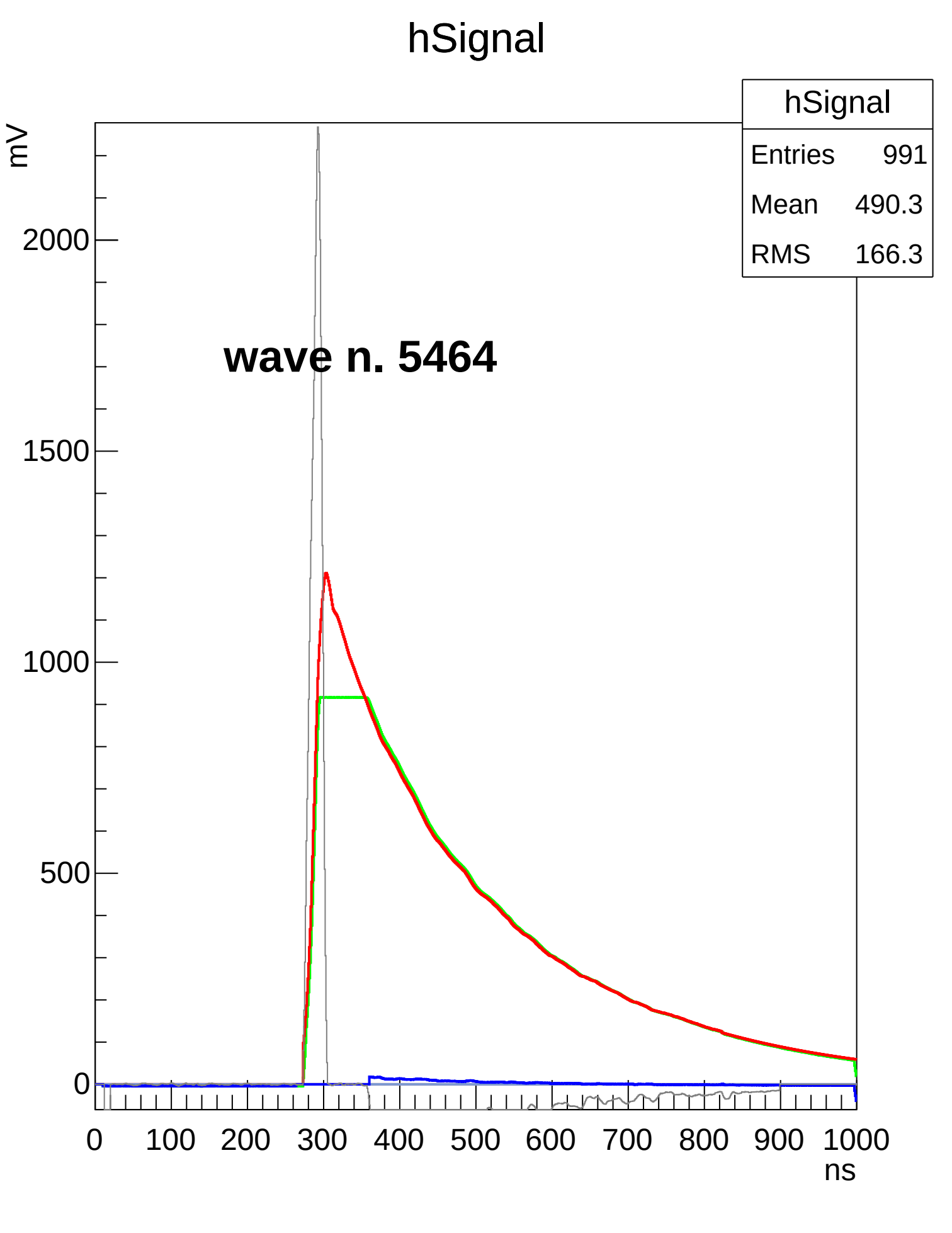
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 490.3
RMS 166.3
wave n. 5464
mV
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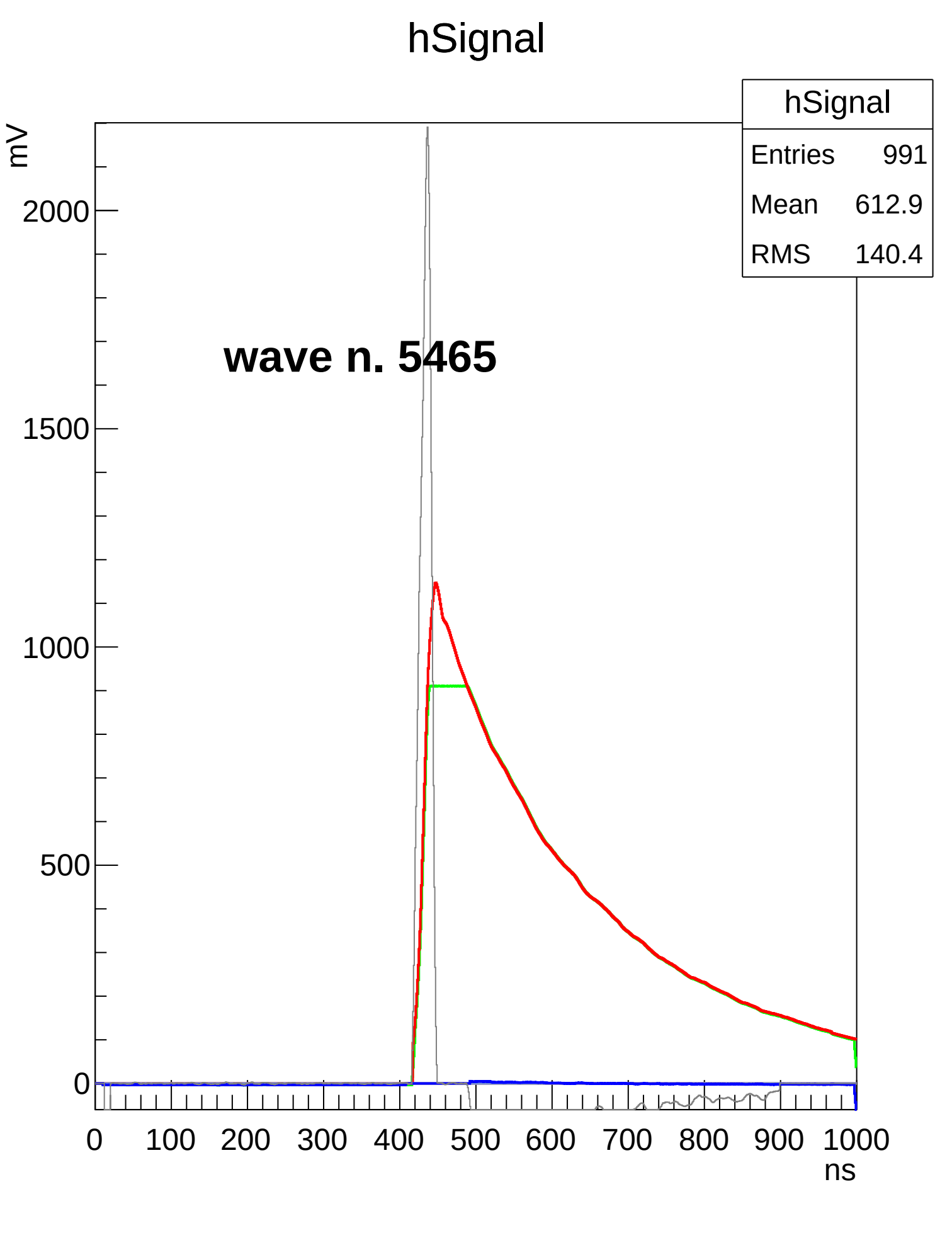
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 612.9
RMS 140.4
wave n. 5465
mV
2000
1500
1000
500
0
0
100
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400
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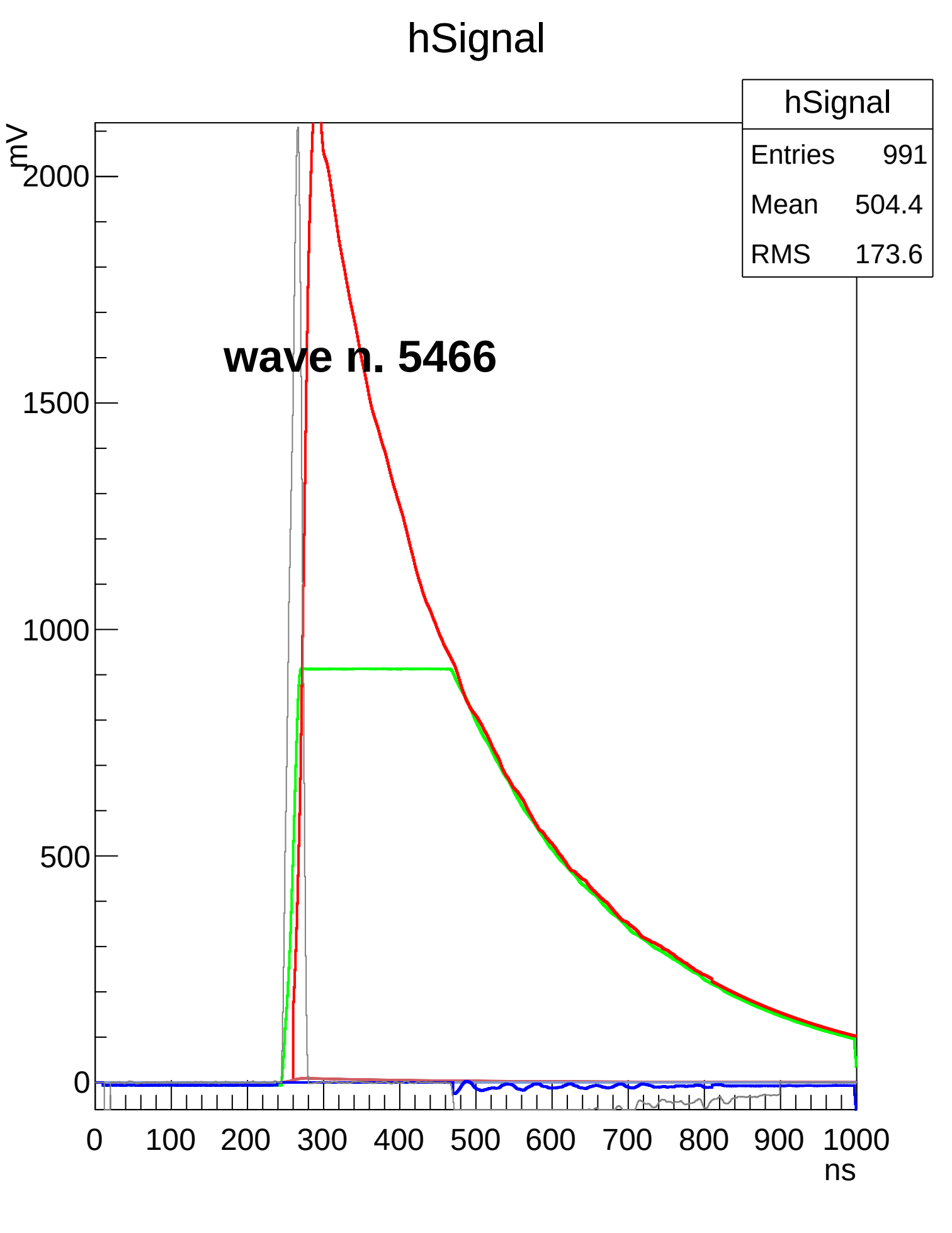
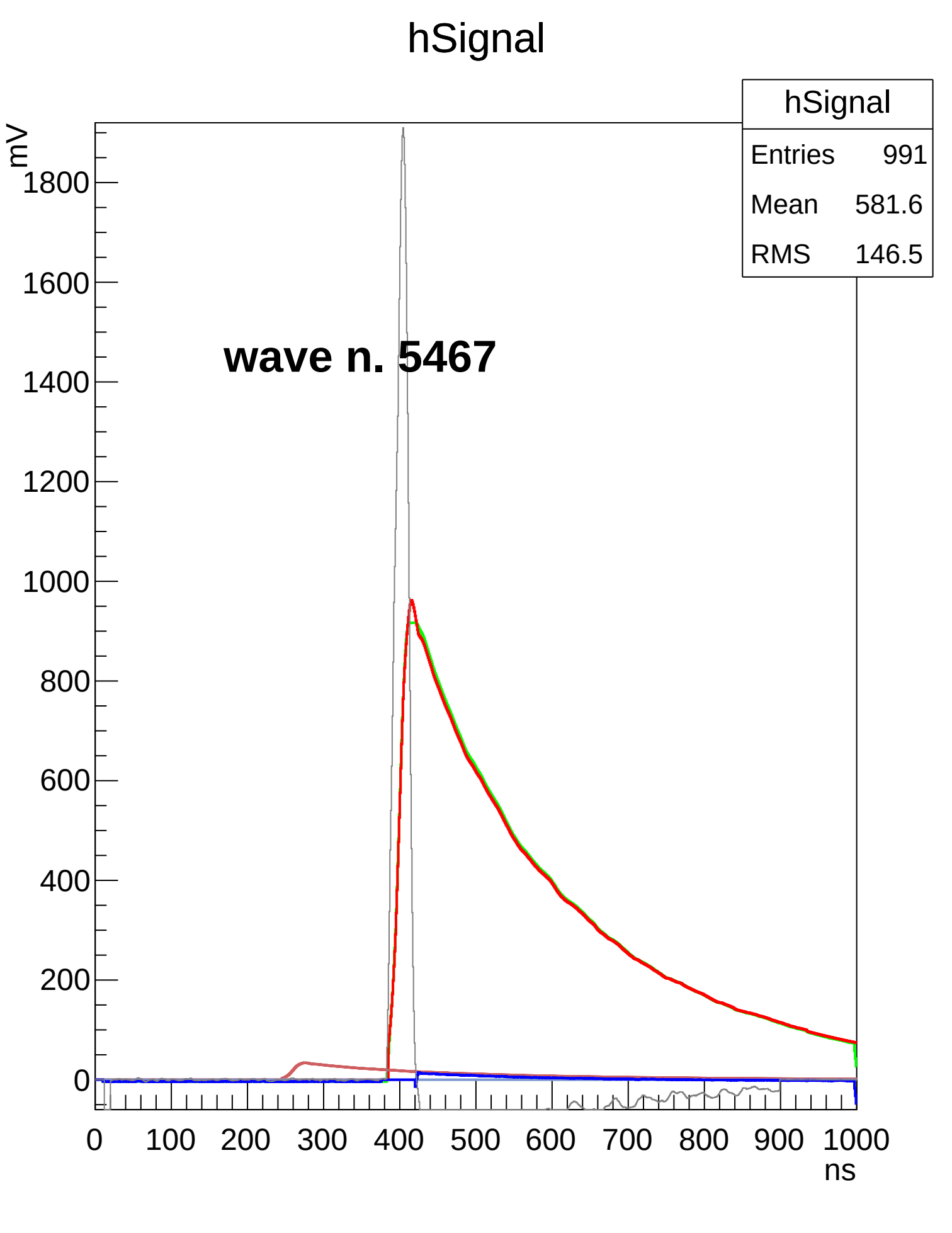
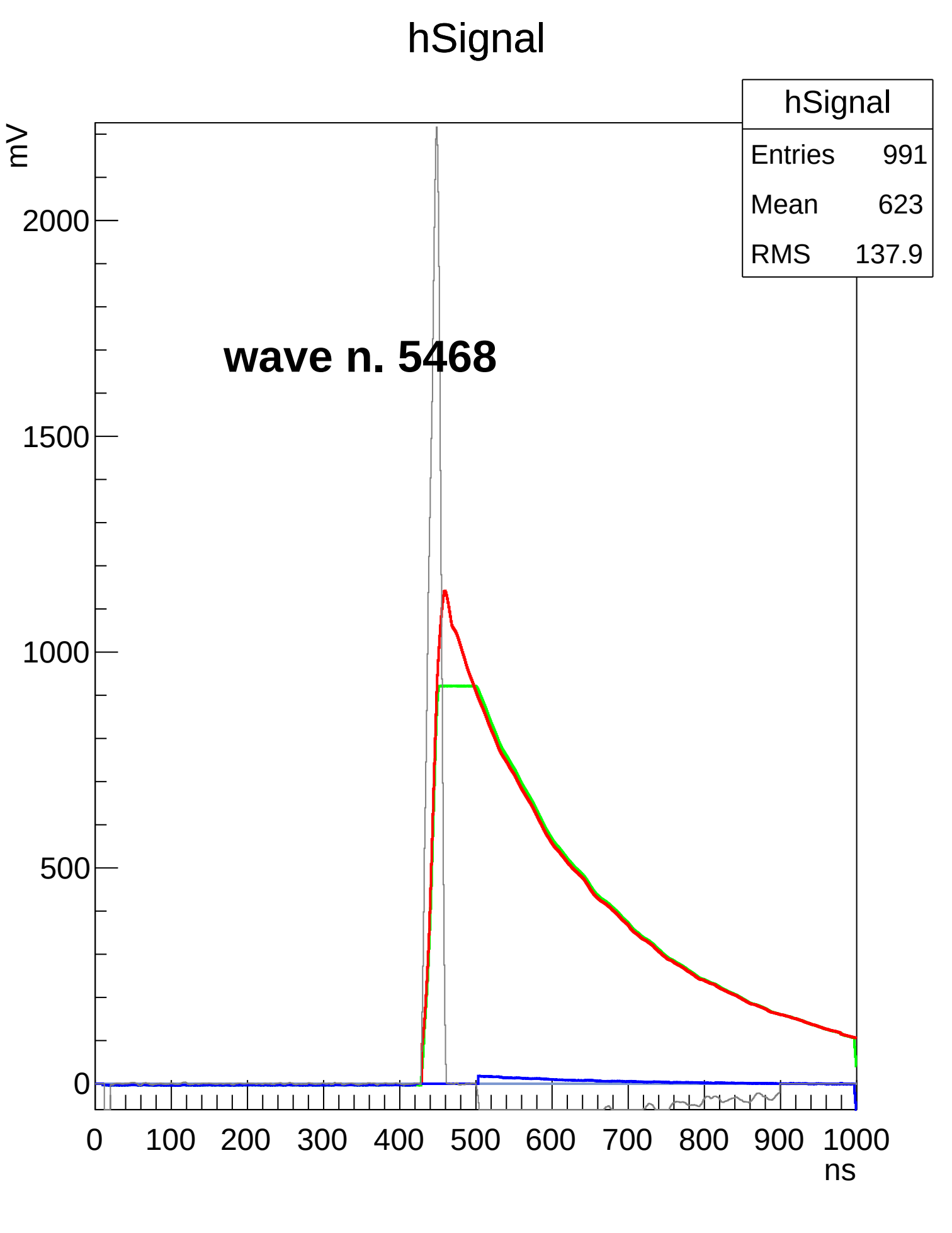
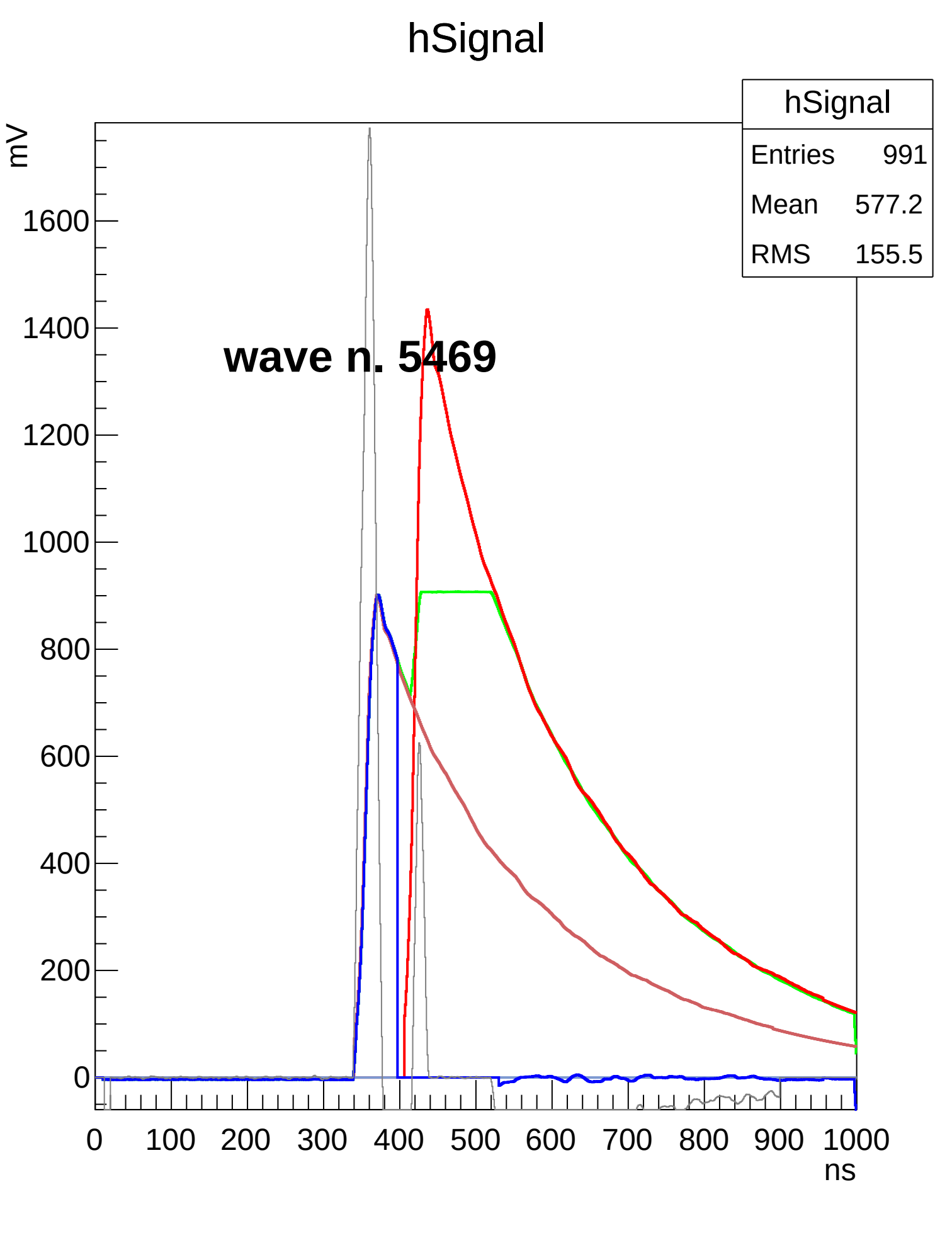
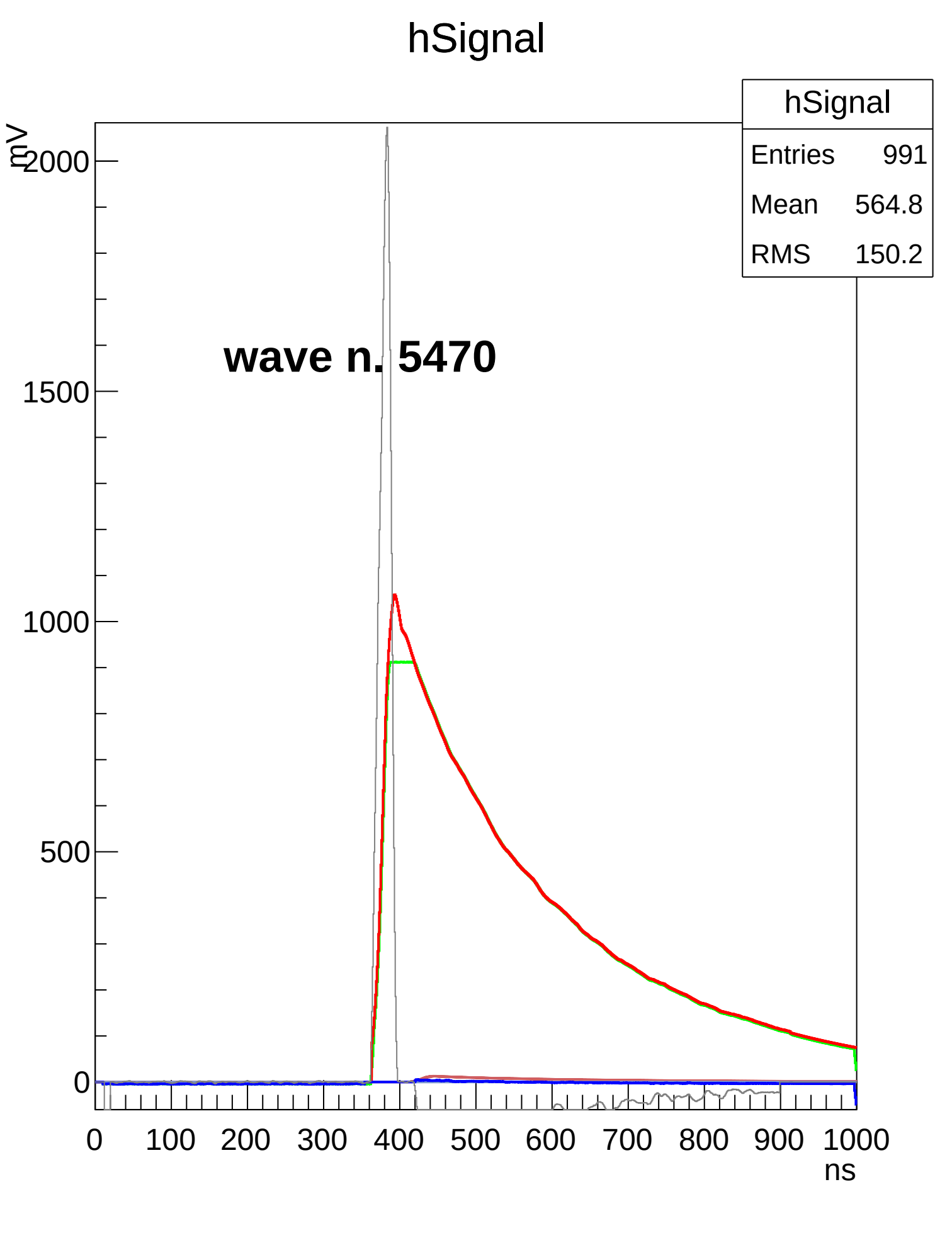
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.4
RMS 173.6
wave n. 5466
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 581.6
RMS 146.5
wave n. 5467
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 623
RMS 137.9
wave n. 5468
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 577.2
RMS 155.5
wave n. 5469
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 564.8
RMS 150.2
wave n. 5470
mV
2000
1500
1000
500
0
0
100
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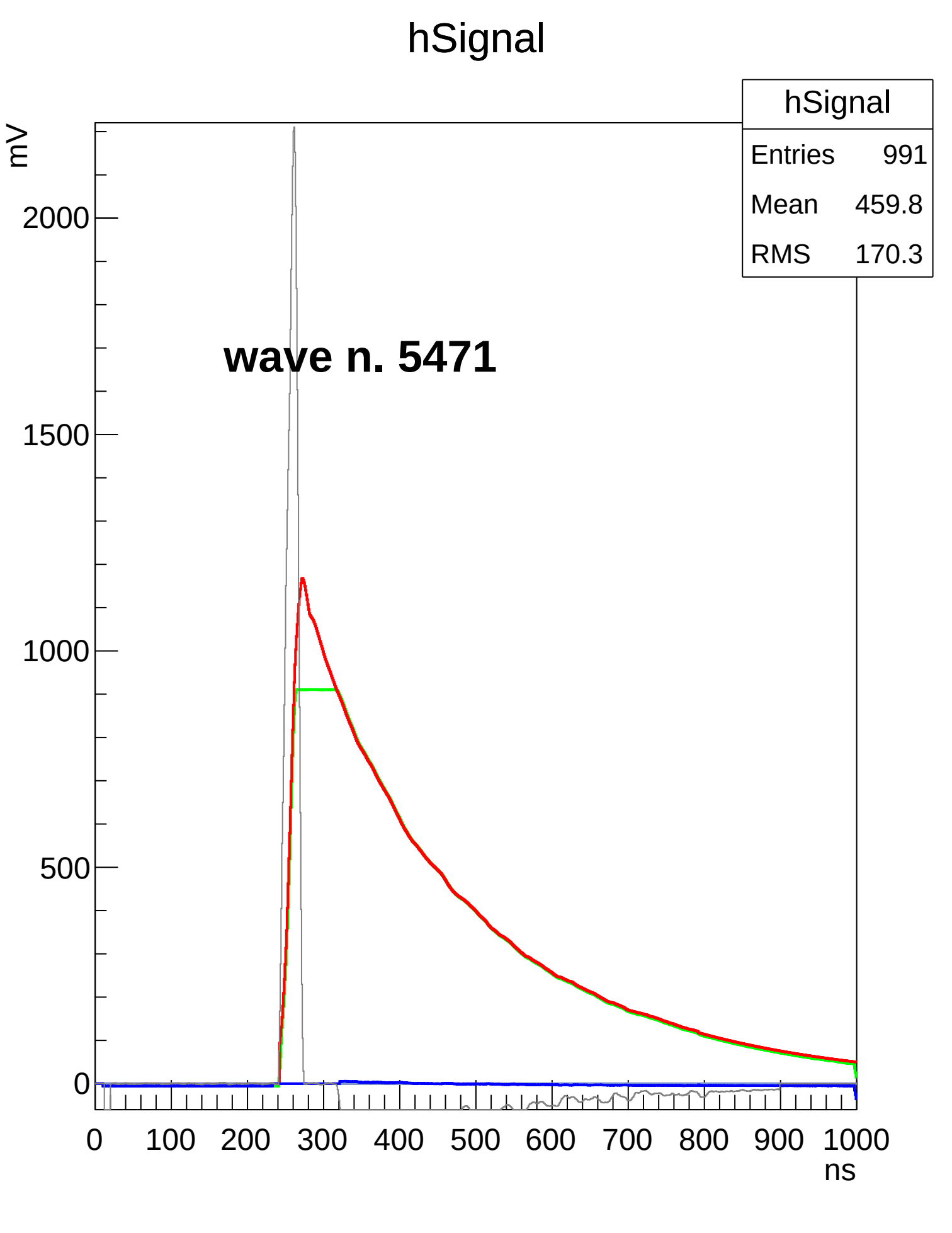
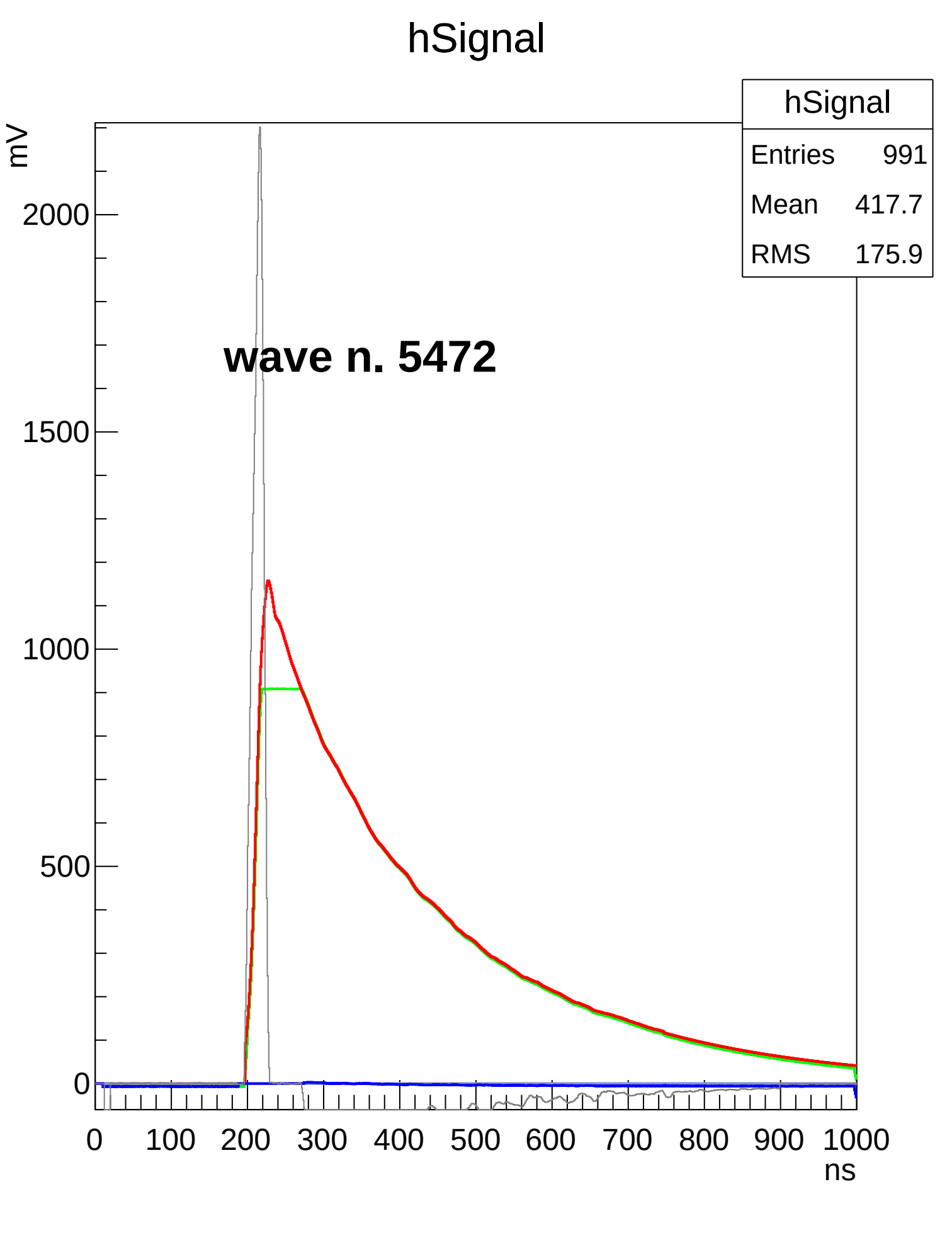
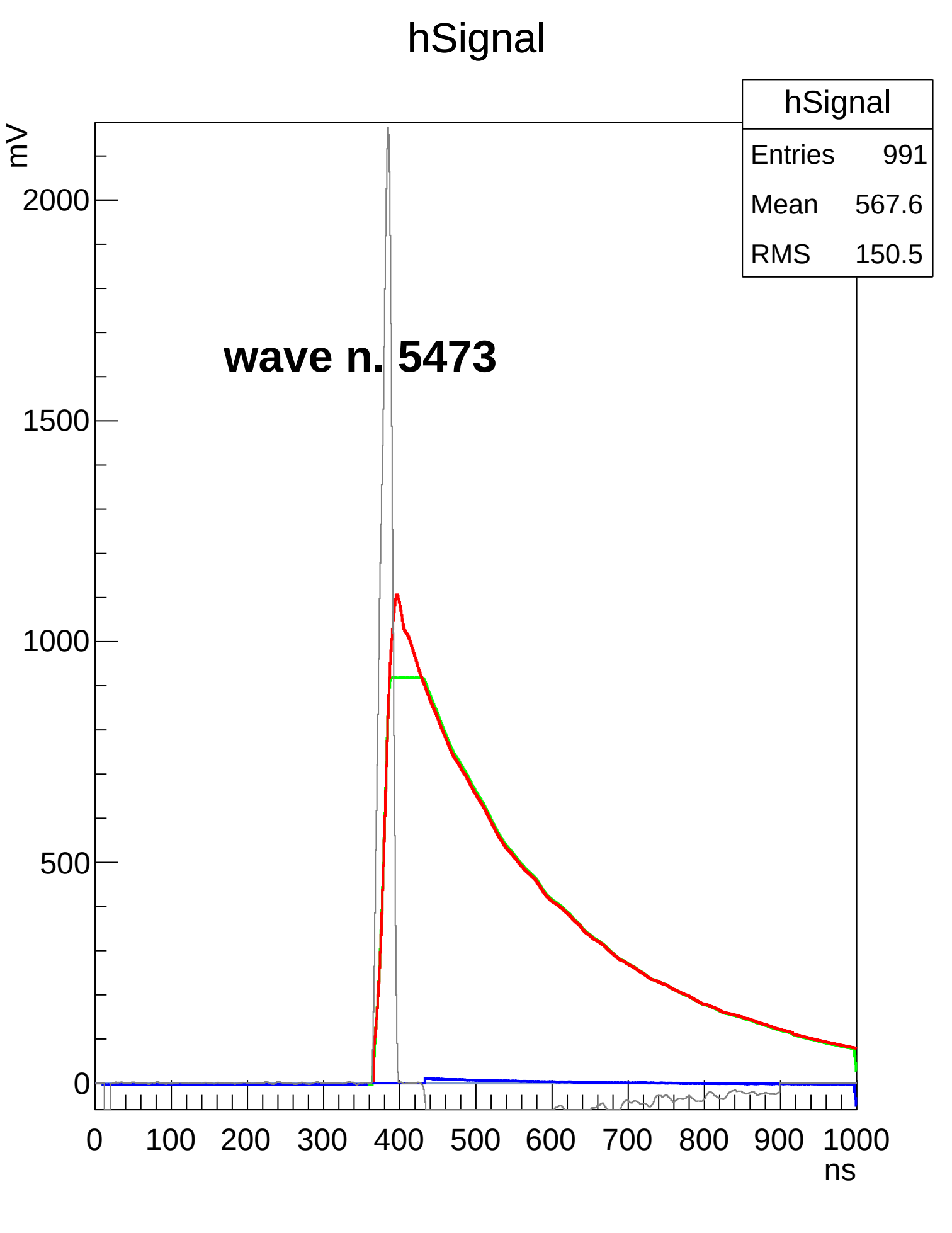
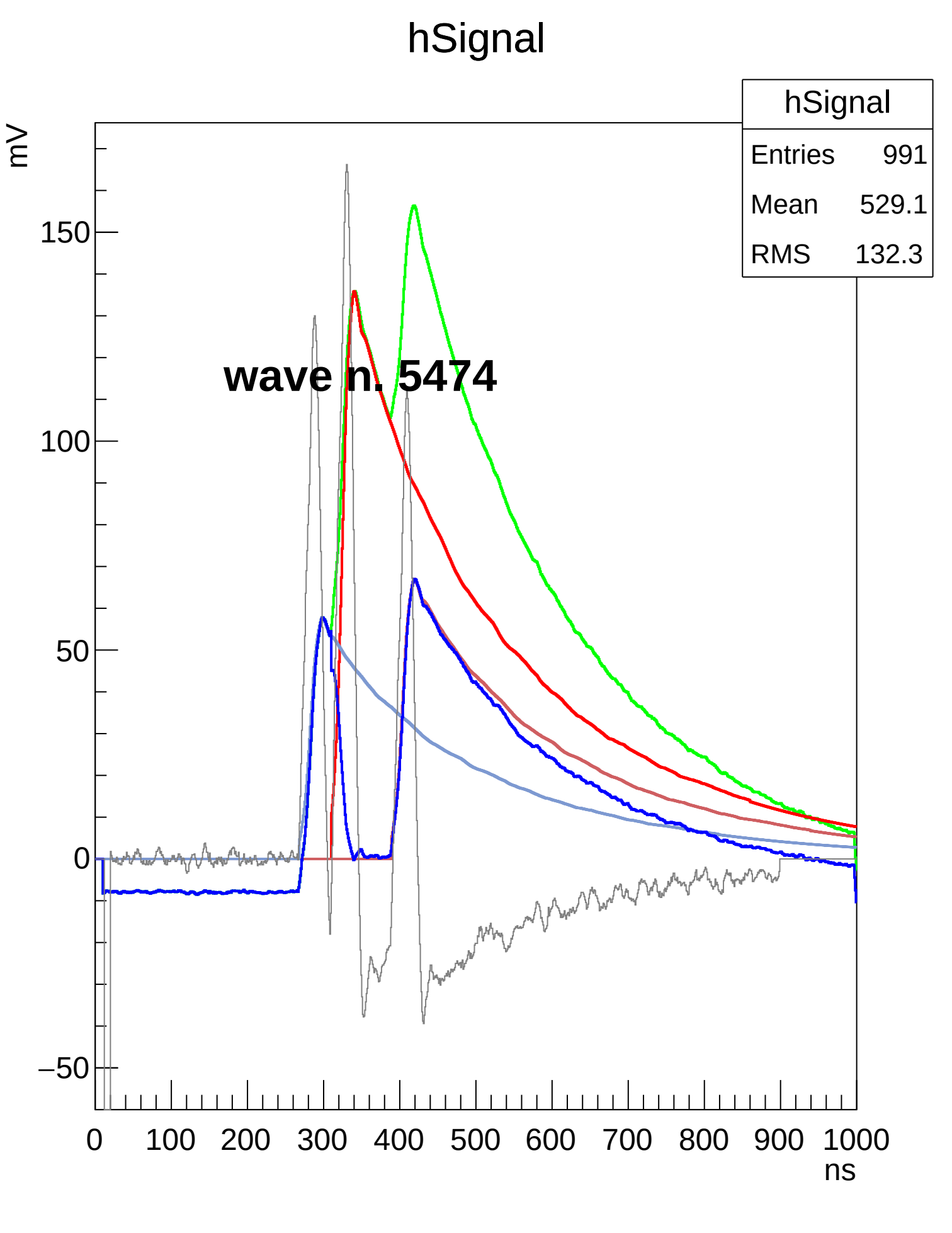
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 459.8
RMS 170.3
wave n. 5471
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 417.7
RMS 175.9
wave n. 5472
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 567.6
RMS 150.5
wave n. 5473
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 529.1
RMS 132.3
wave n. 5474
mV
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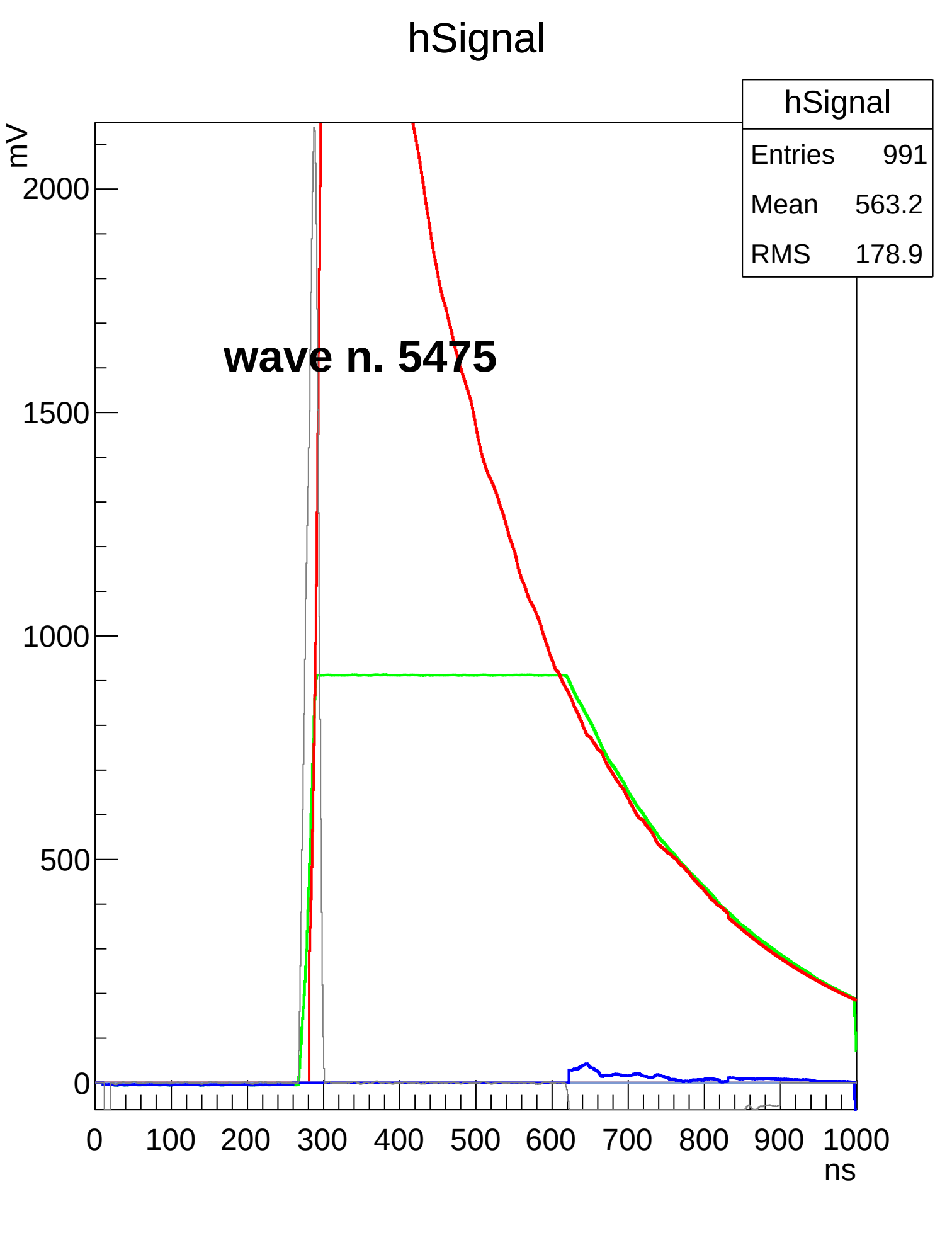
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 563.2
RMS 178.9
wave n. 5475
mV
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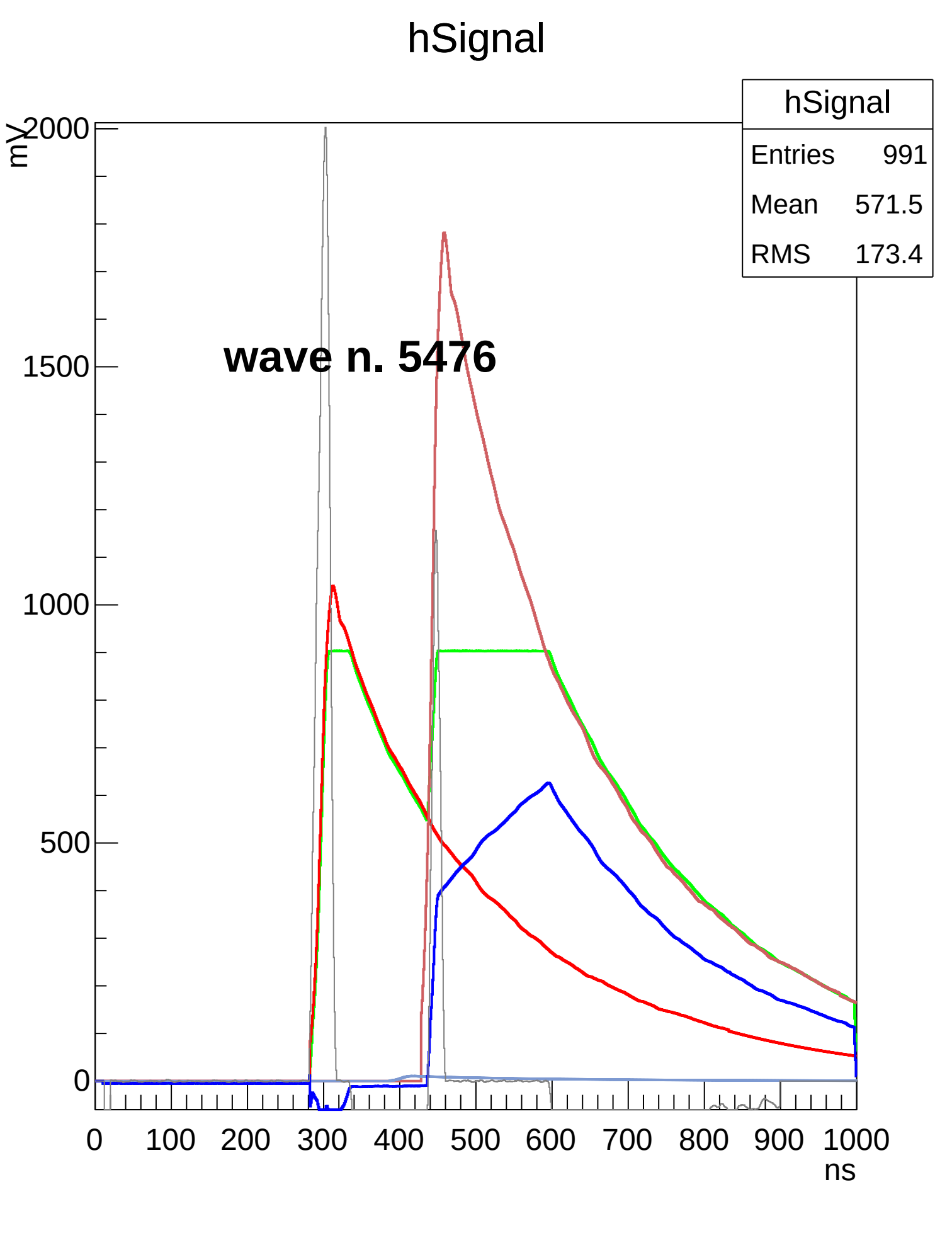
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 571.5
RMS 173.4
wave n. 5476
mV
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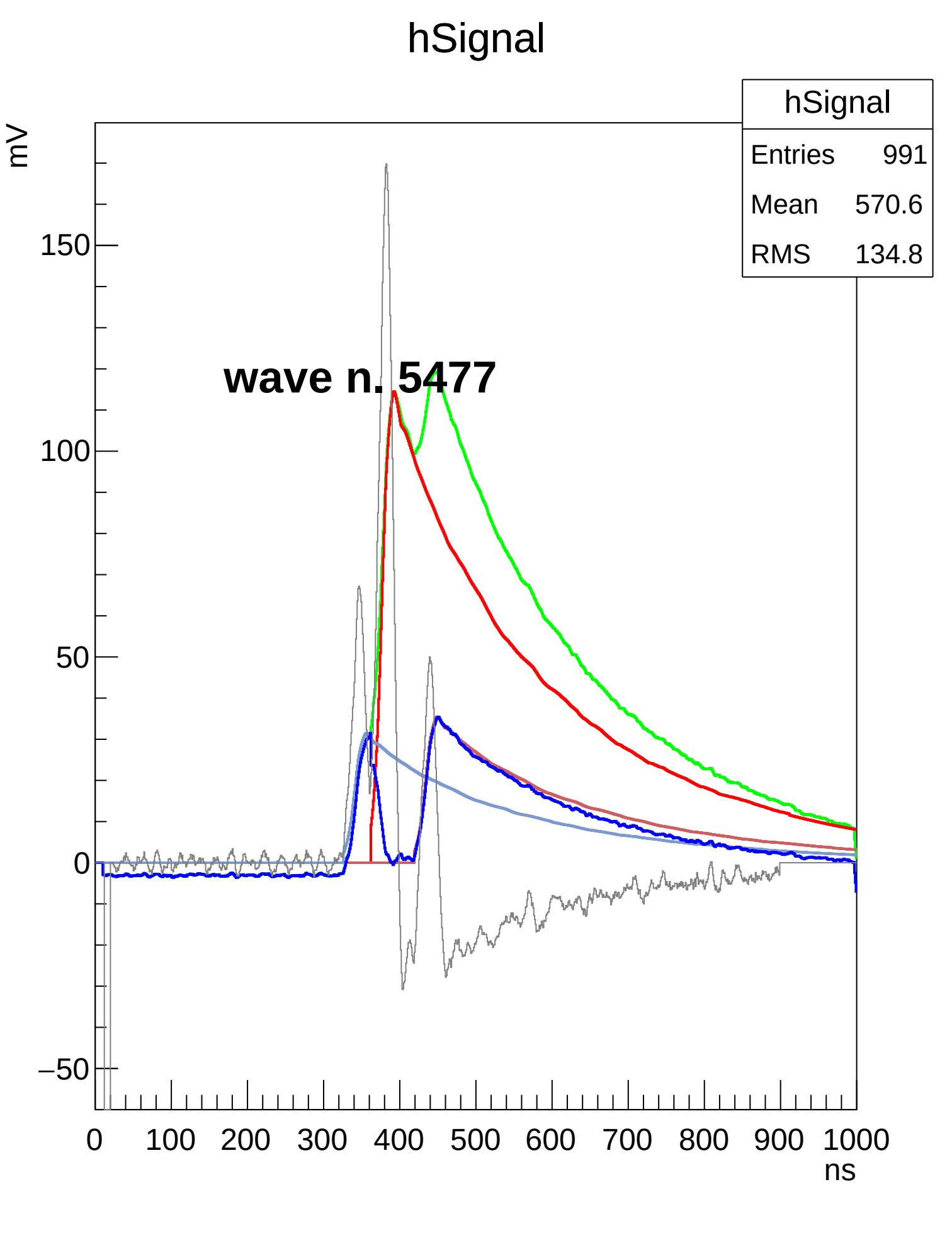
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.6
RMS 134.8
wave n. 5477
mV
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100
50
0
−50
0
100
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400
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800
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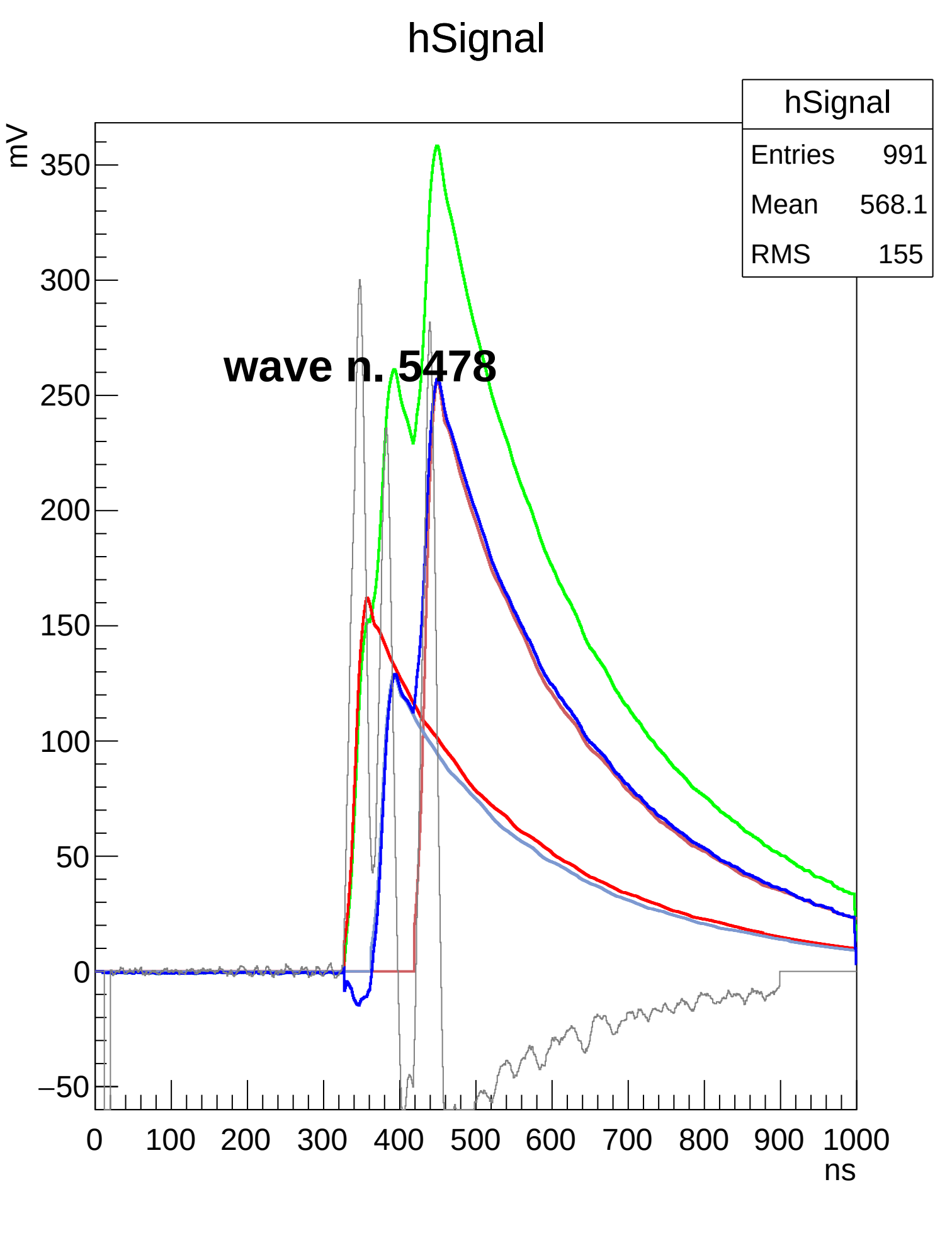
1000
ns


hSignal
hSignal
Entries 991
Mean 568.1
RMS 155
wave n. 5478
mV
350
300
250
200
150
100
50
0
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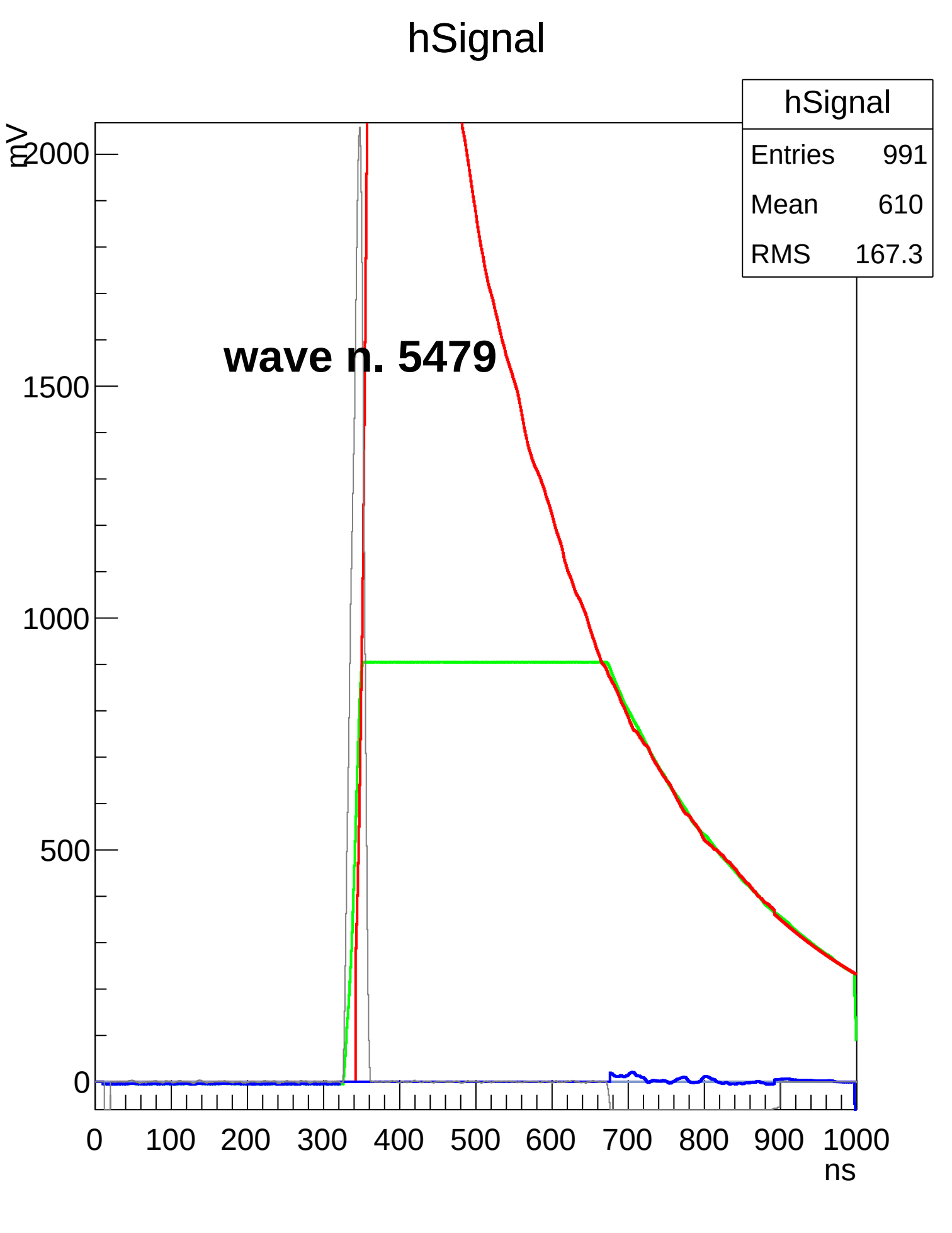
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 610
RMS 167.3
wave n. 5479
mV
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1500
1000
500
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0
100
200
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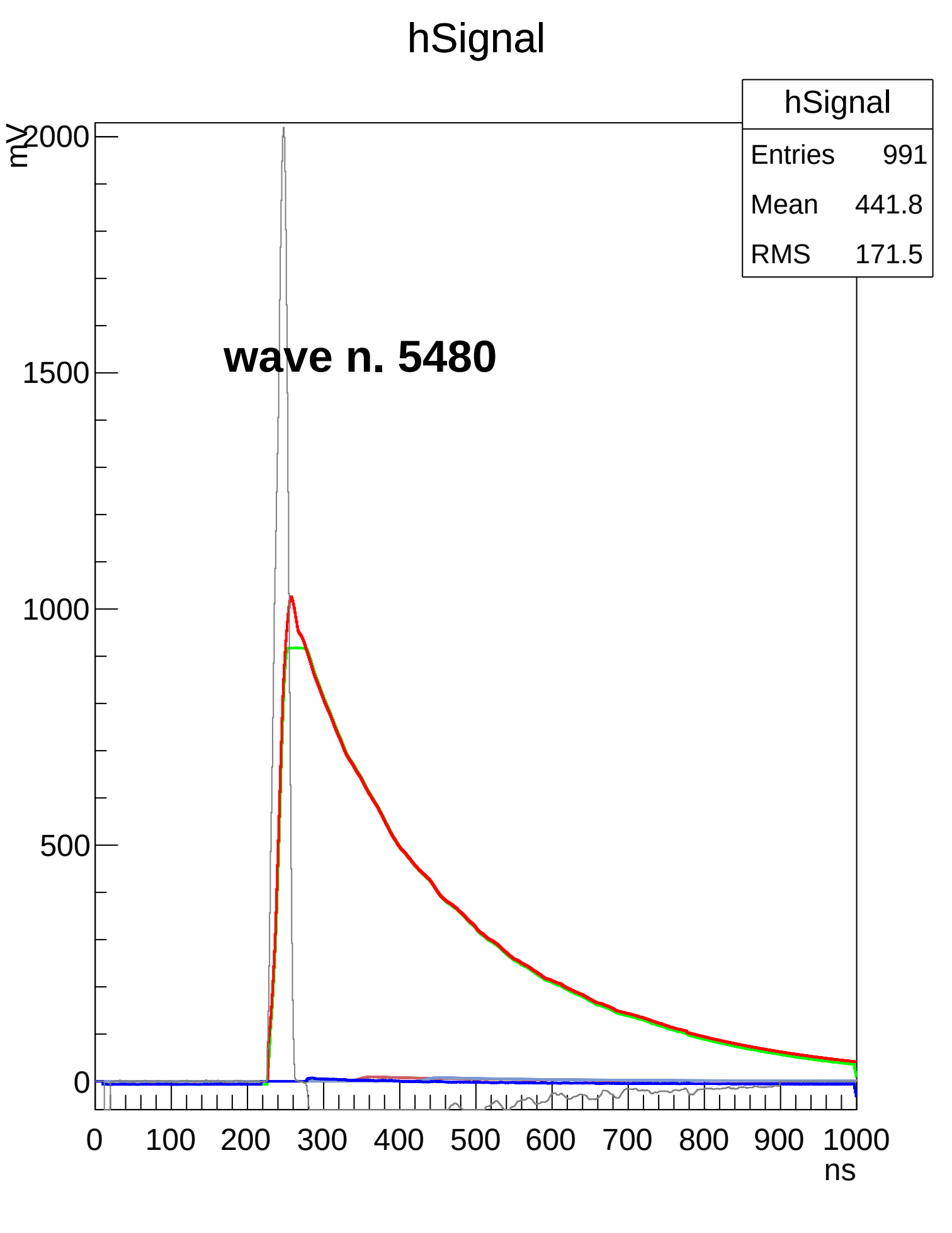
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 441.8
RMS 171.5
wave n. 5480
mV
2000
1500
1000
500
0
0
100
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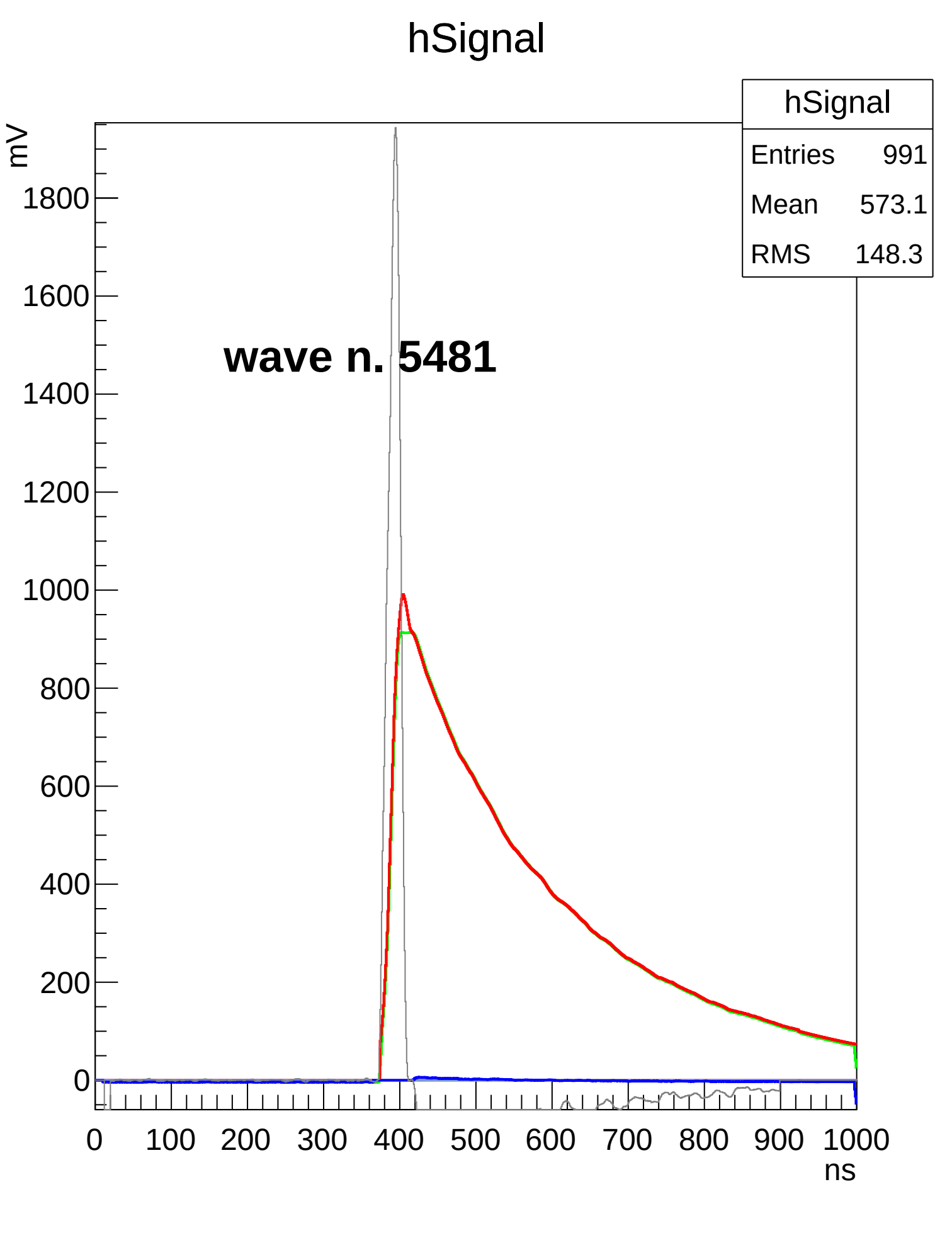
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.1
RMS 148.3
wave n. 5481
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
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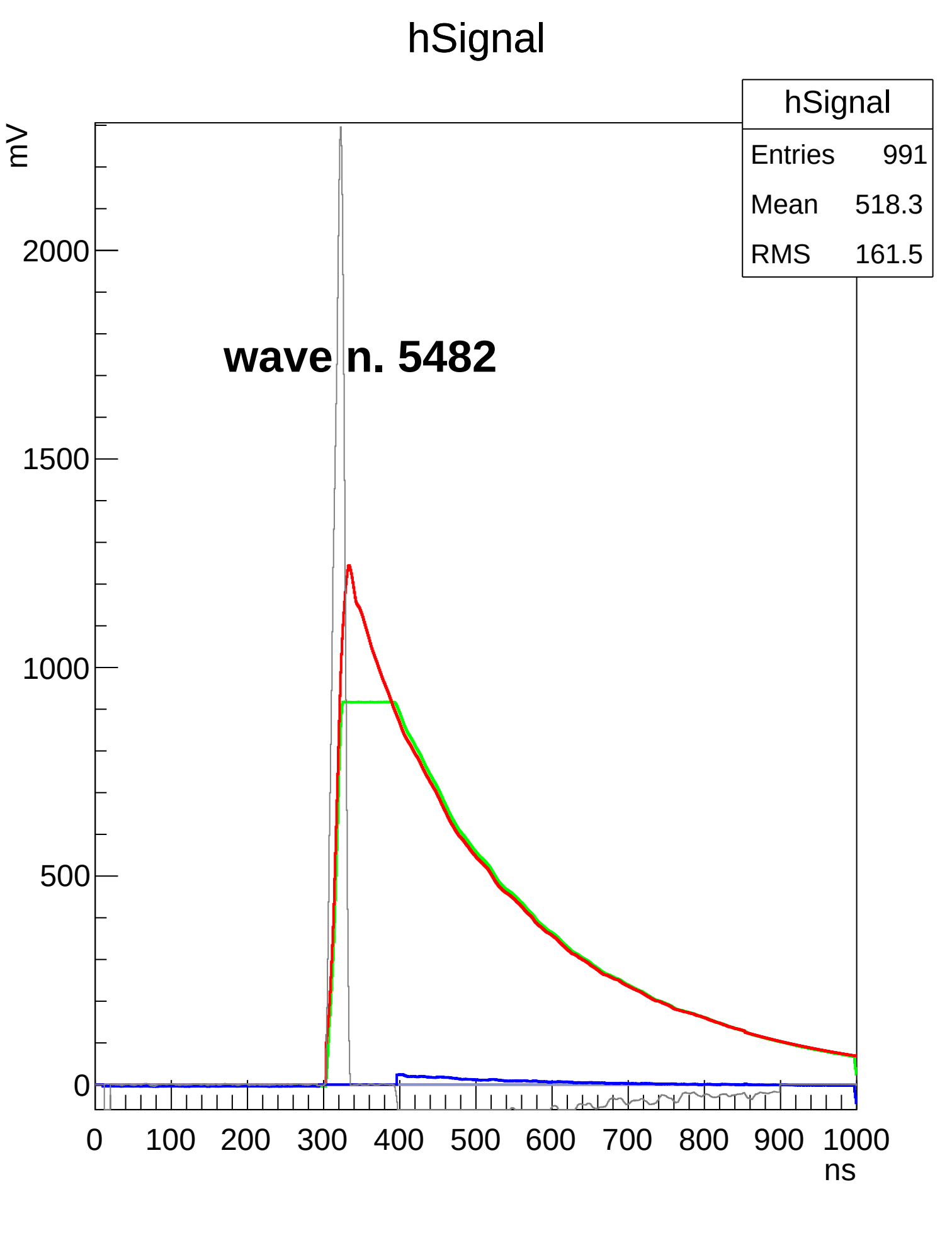
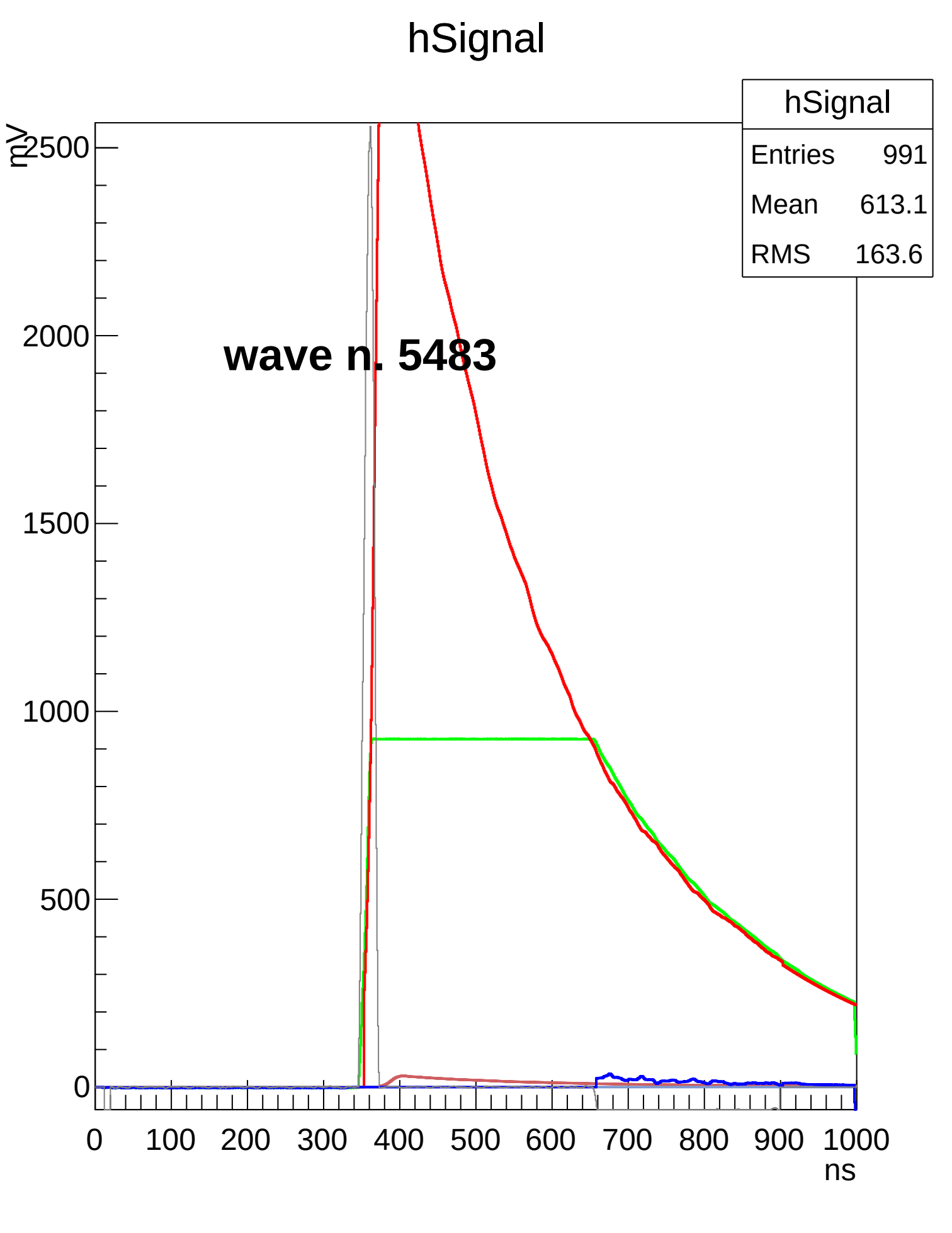
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.3
RMS 161.5
wave n. 5482
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 613.1
RMS 163.6
wave n. 5483
mV
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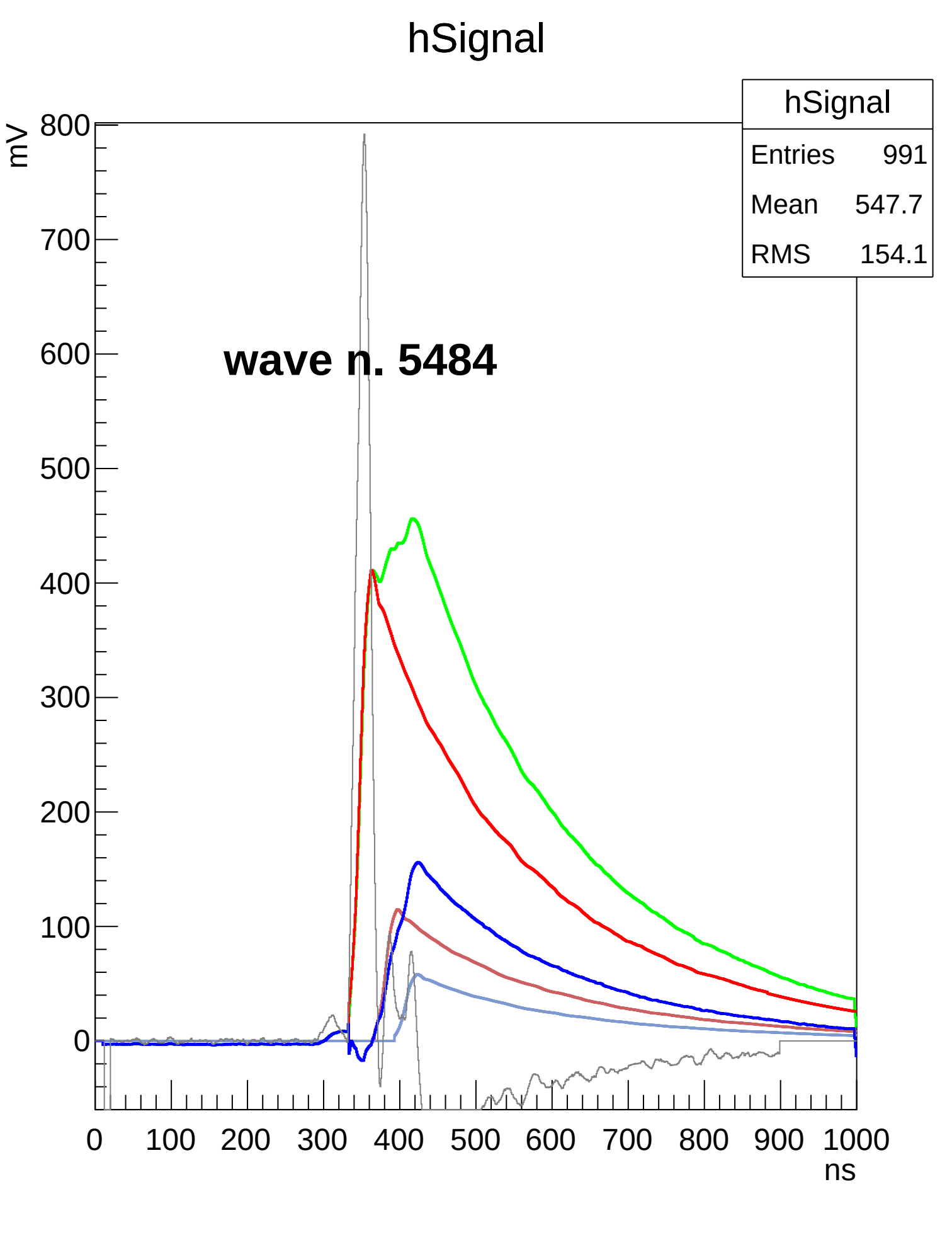
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547.7
RMS 154.1
wave n. 5484
mV
800
700
600
500
400
300
200
100
0
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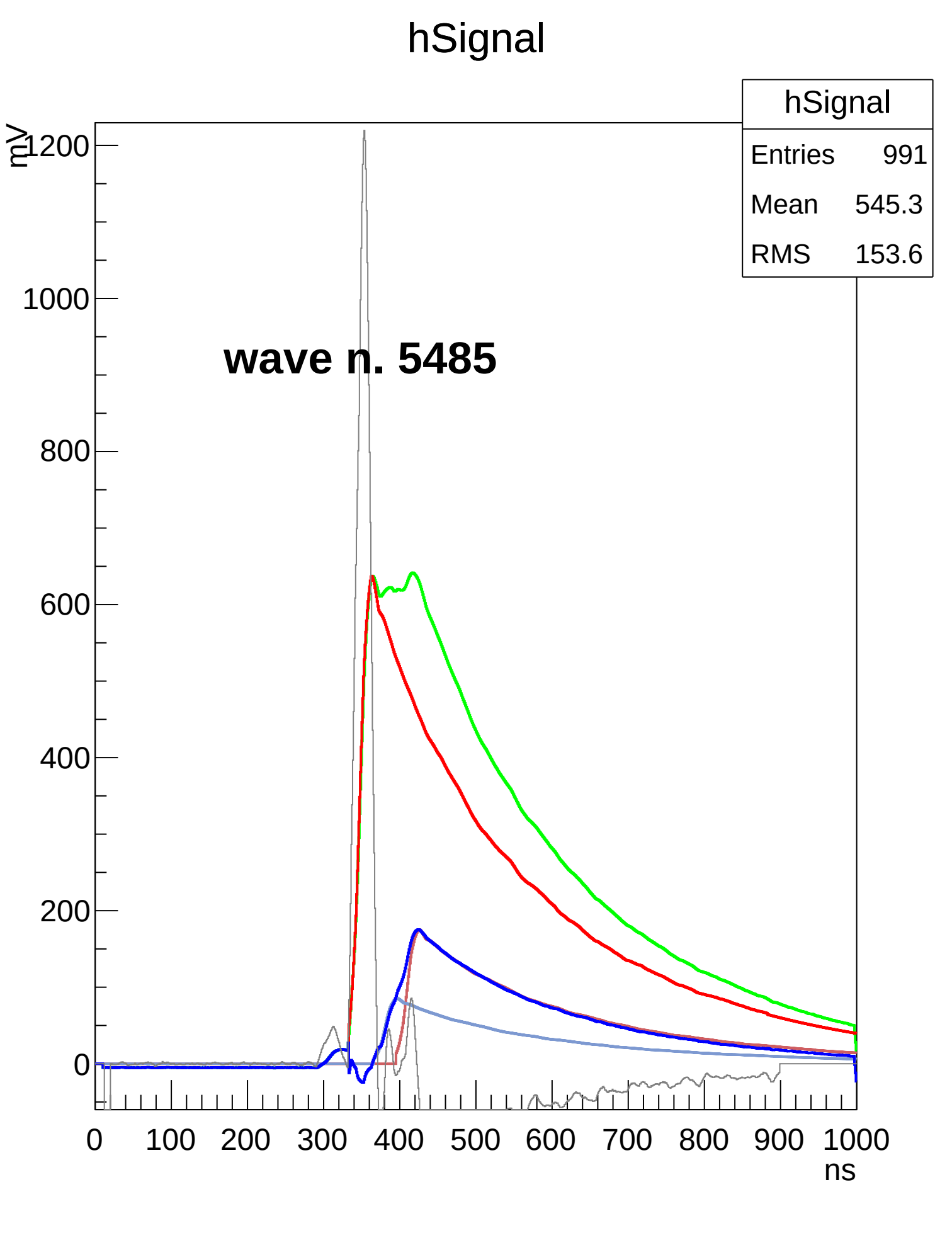
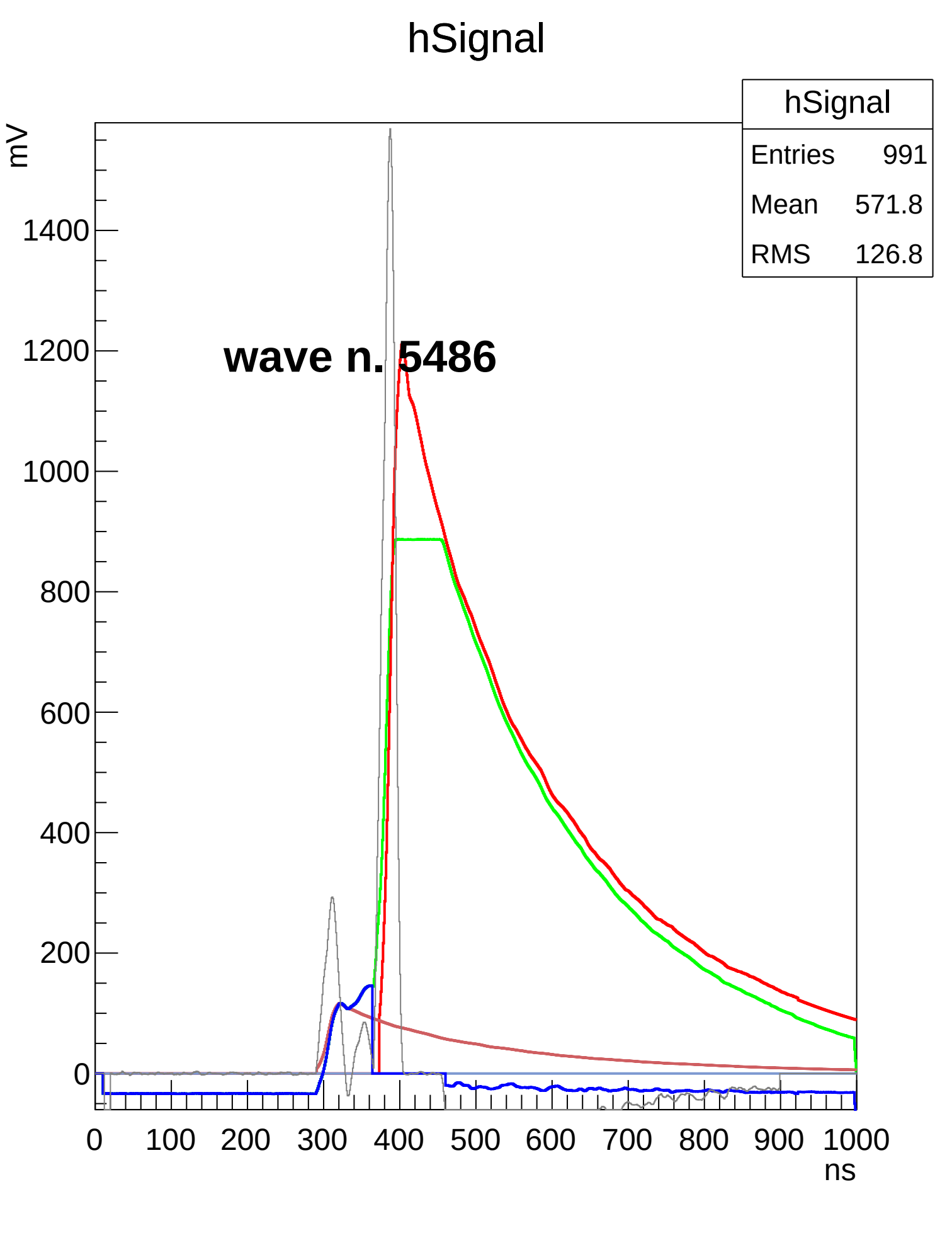
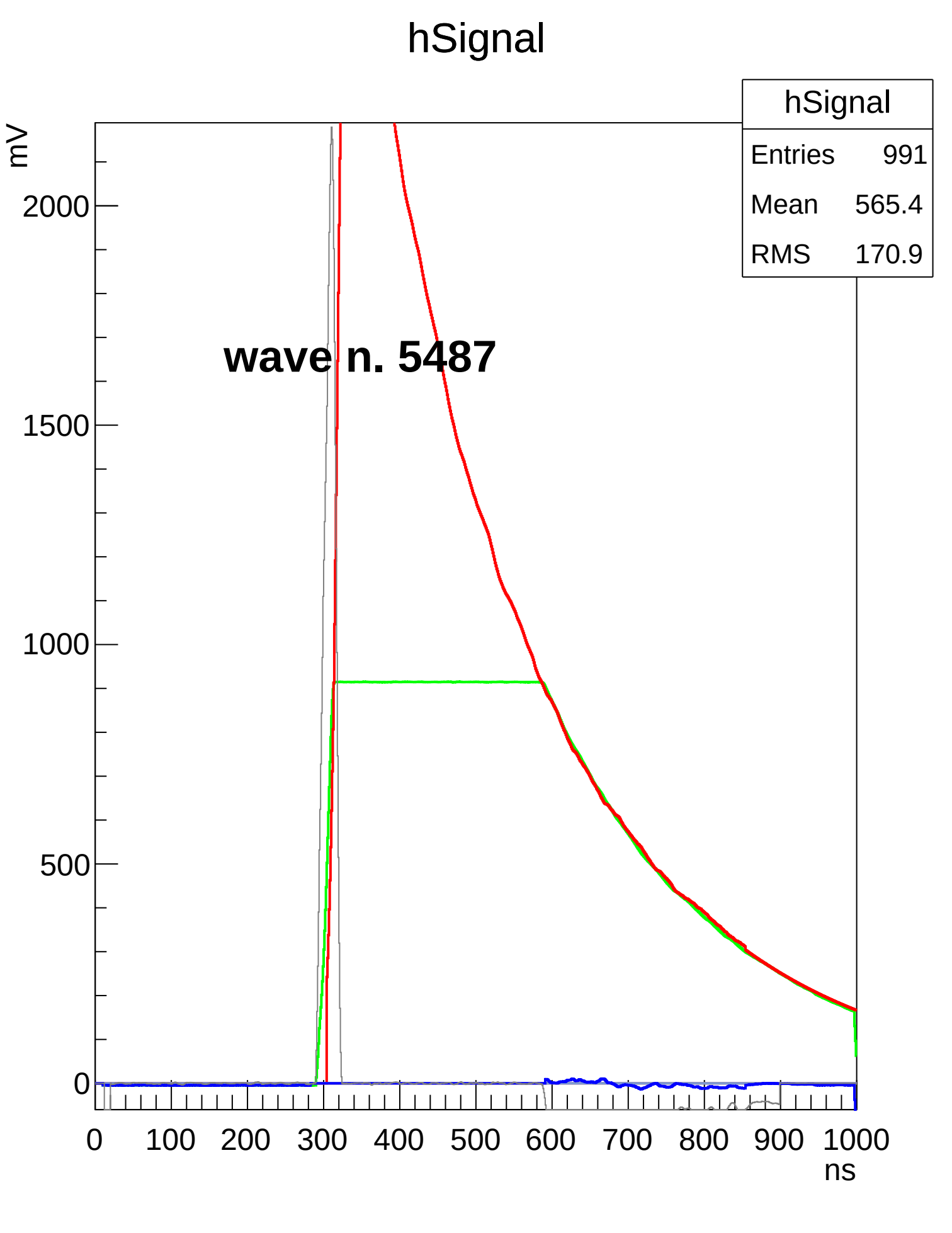
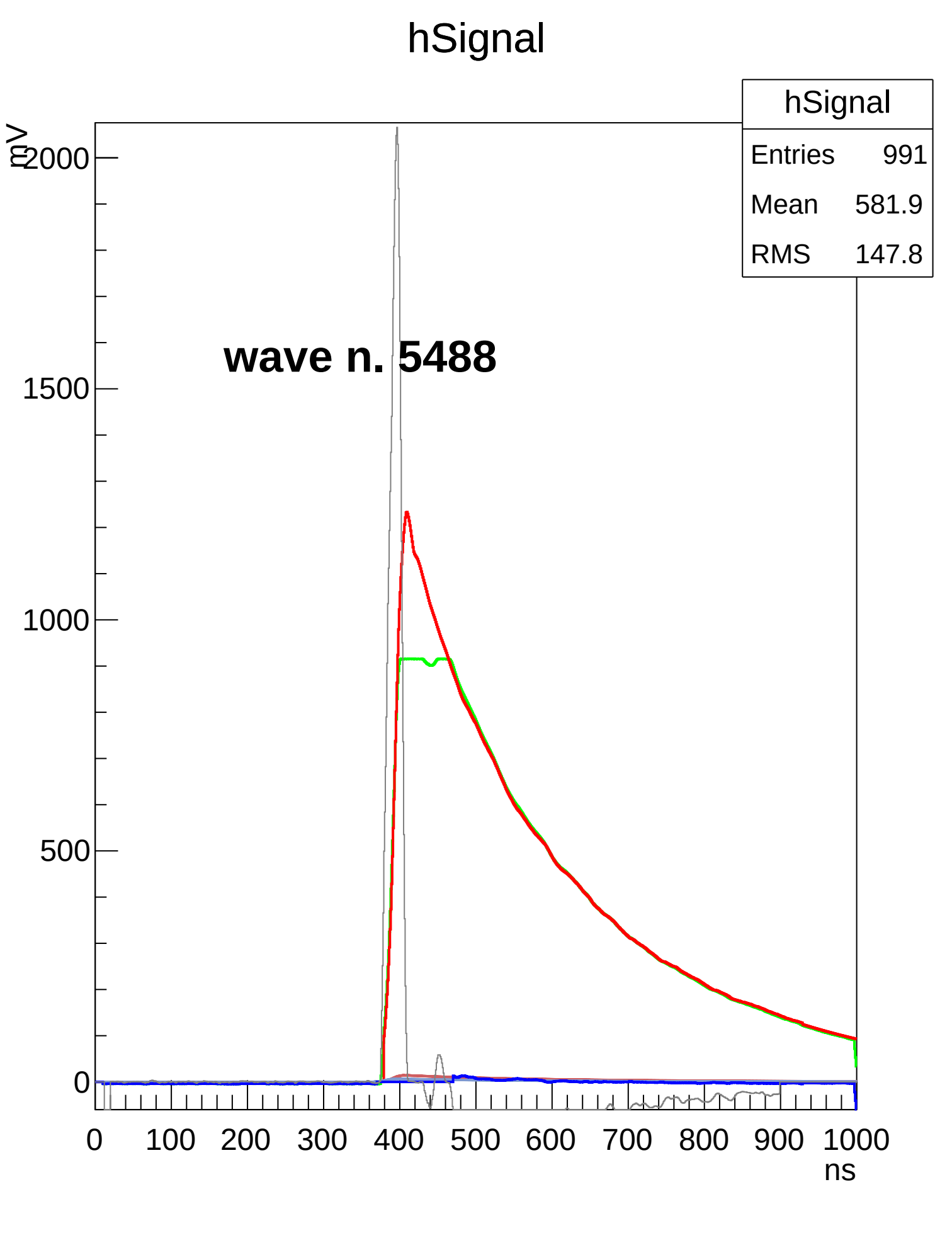
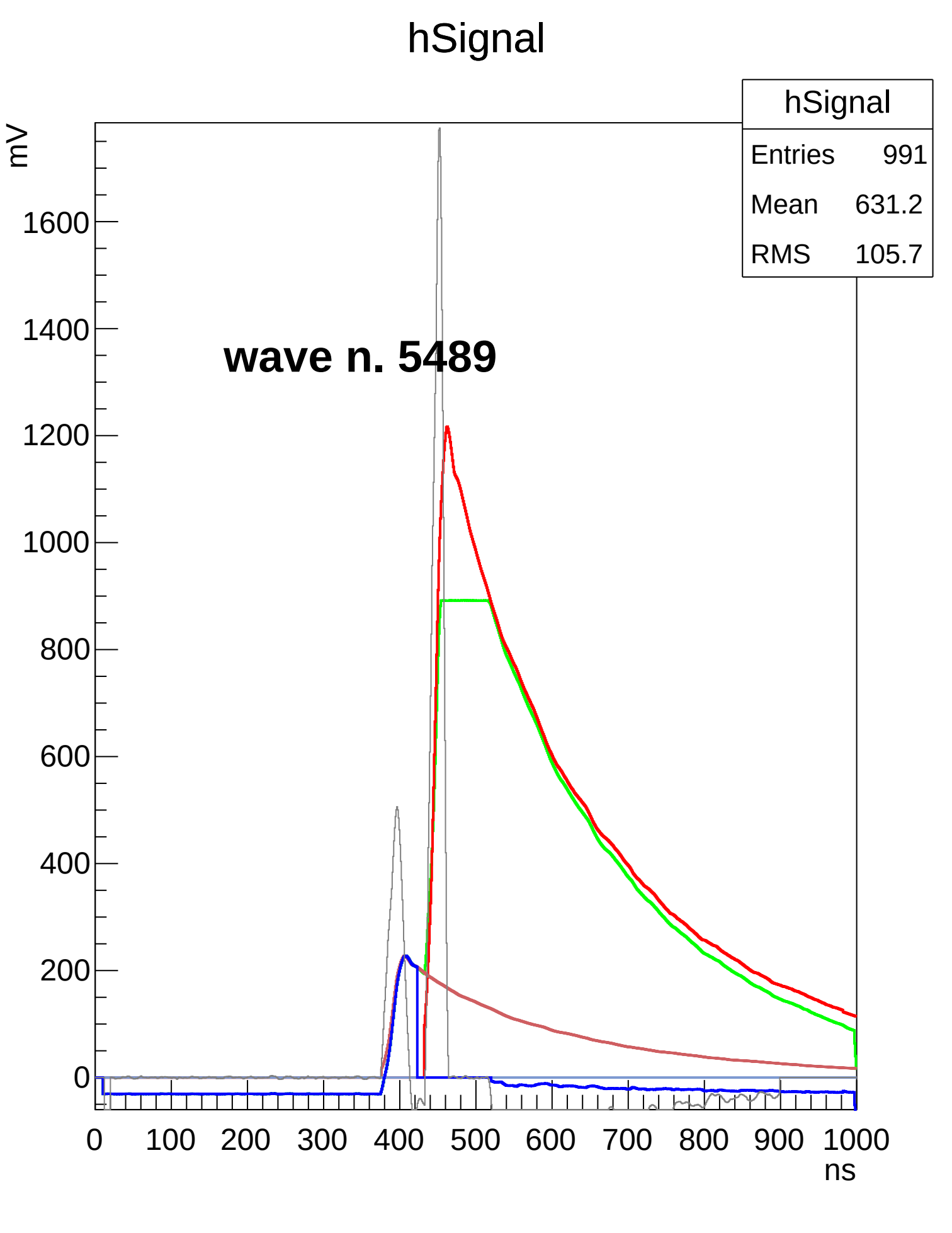
ns

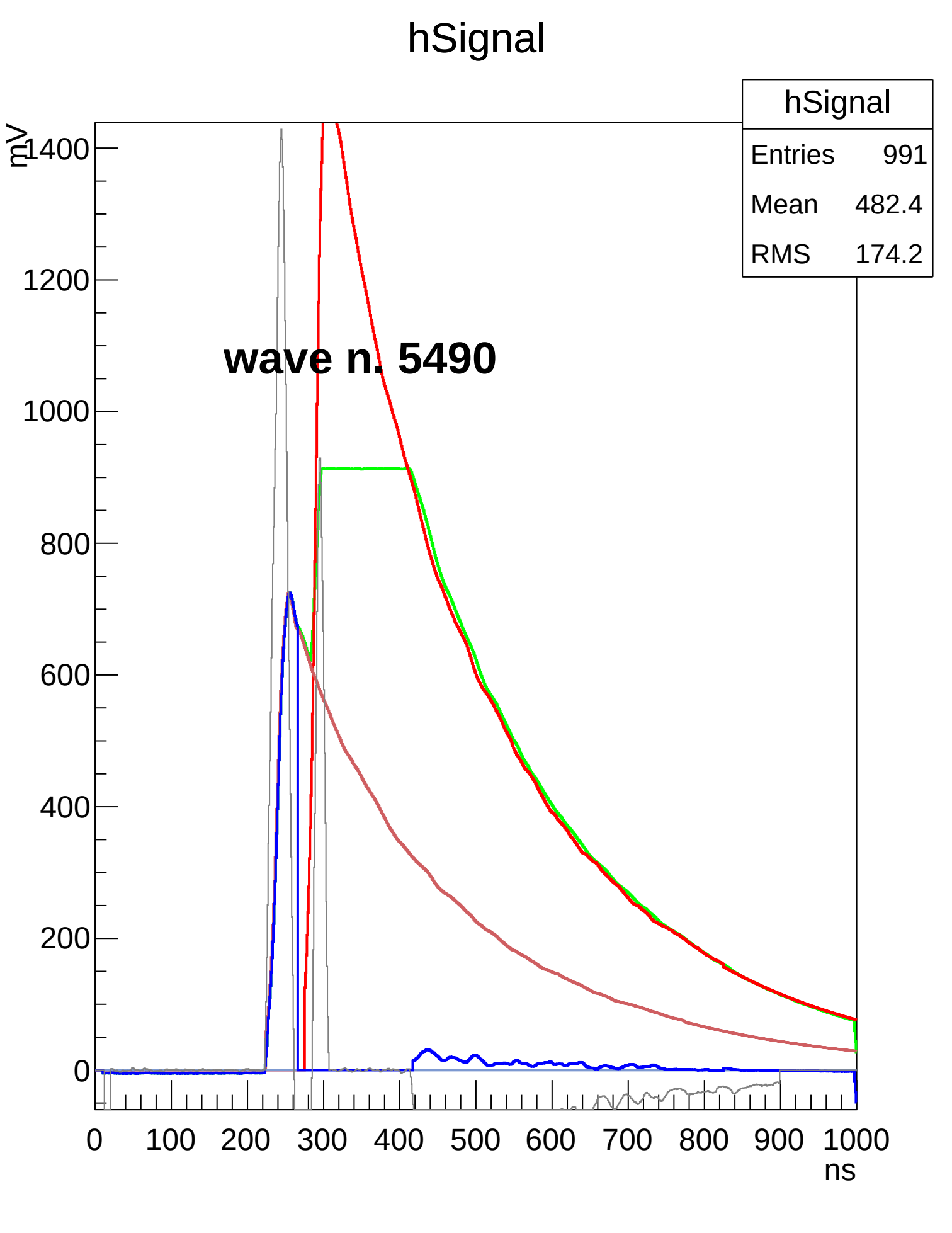

hSignal
hSignal
Entries 991
Mean 545.3
RMS 153.6
wave n. 5485
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 571.8
RMS 126.8
wave n. 5486
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 565.4
RMS 170.9
wave n. 5487
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 581.9
RMS 147.8
wave n. 5488
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 631.2
RMS 105.7
wave n. 5489
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 482.4
RMS 174.2
wave n. 5490
mV
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1200
1000
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600
400
200
0
0
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200
300
400
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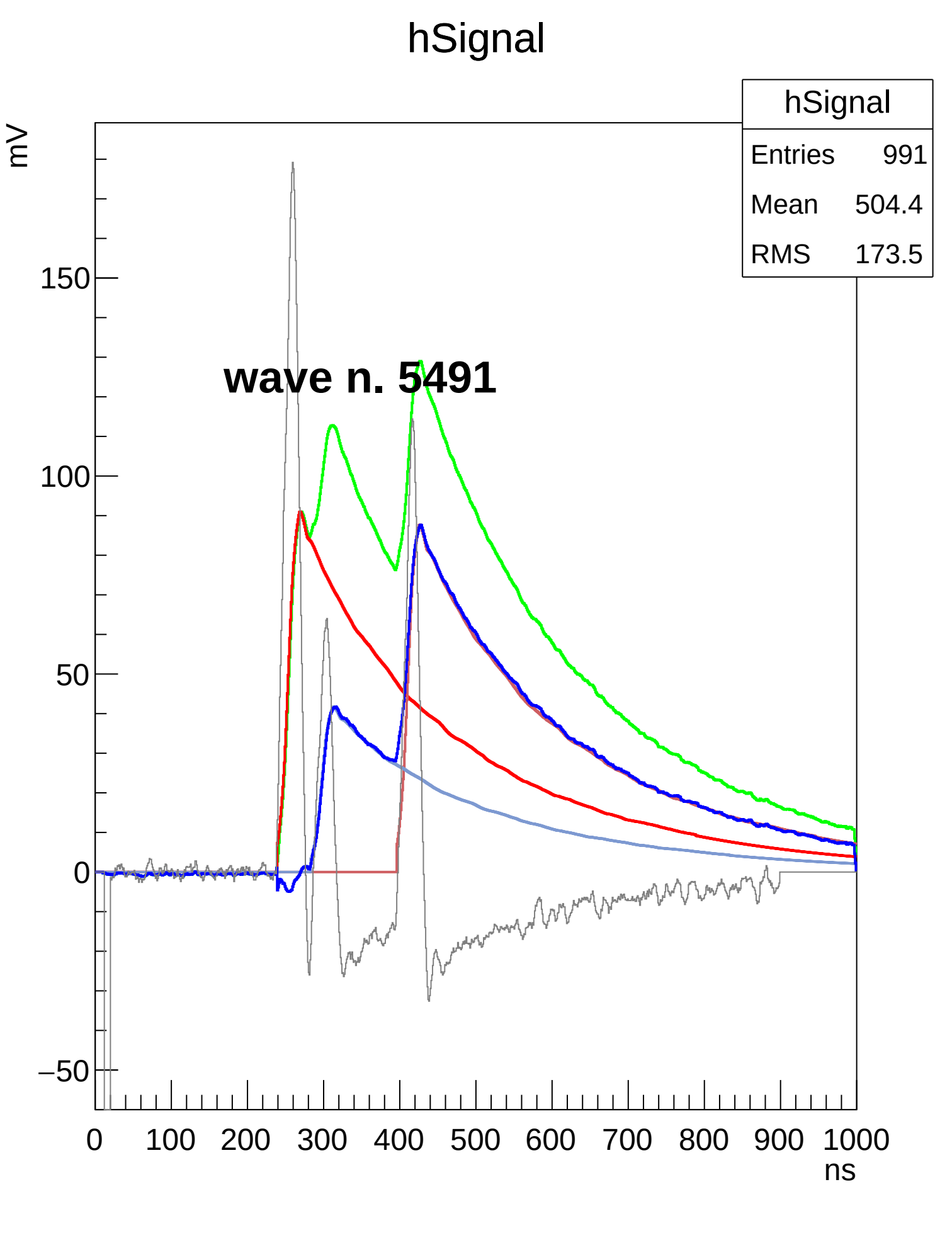
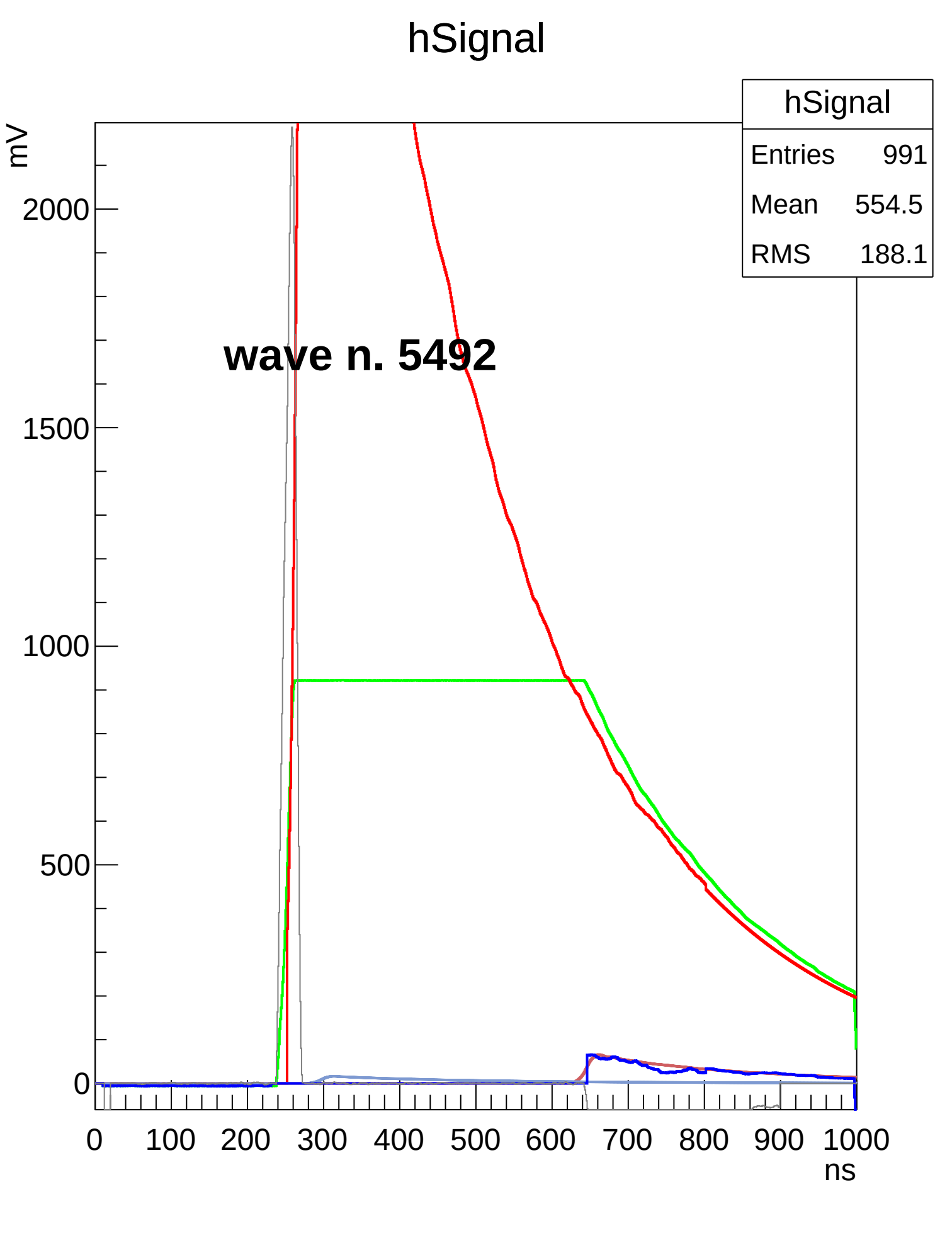
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.4
RMS 173.5
wave n. 5491
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 554.5
RMS 188.1
wave n. 5492
mV
2000
1500
1000
500
0
0
100
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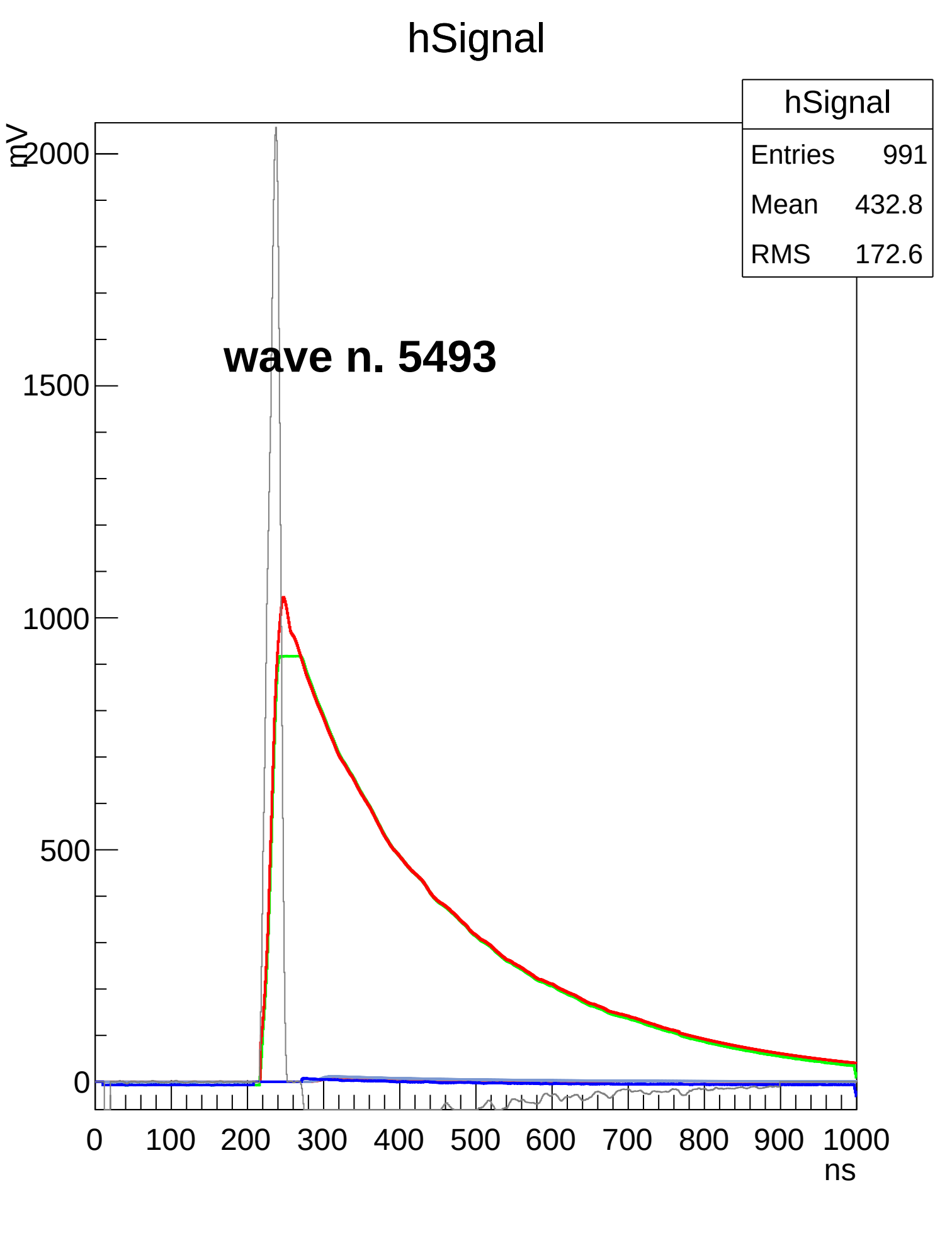
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 432.8
RMS 172.6
wave n. 5493
mV
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1000
500
0
0
100
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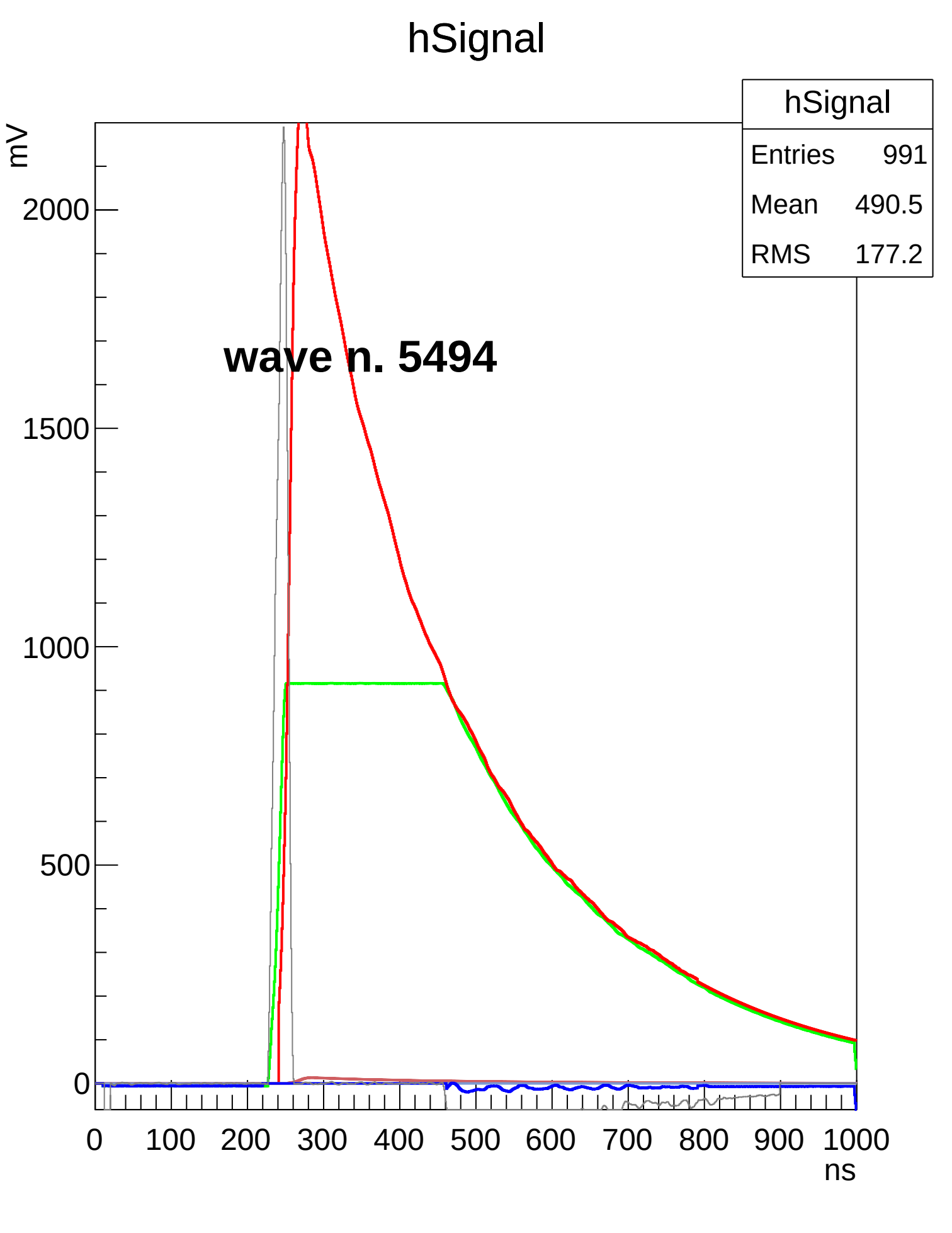
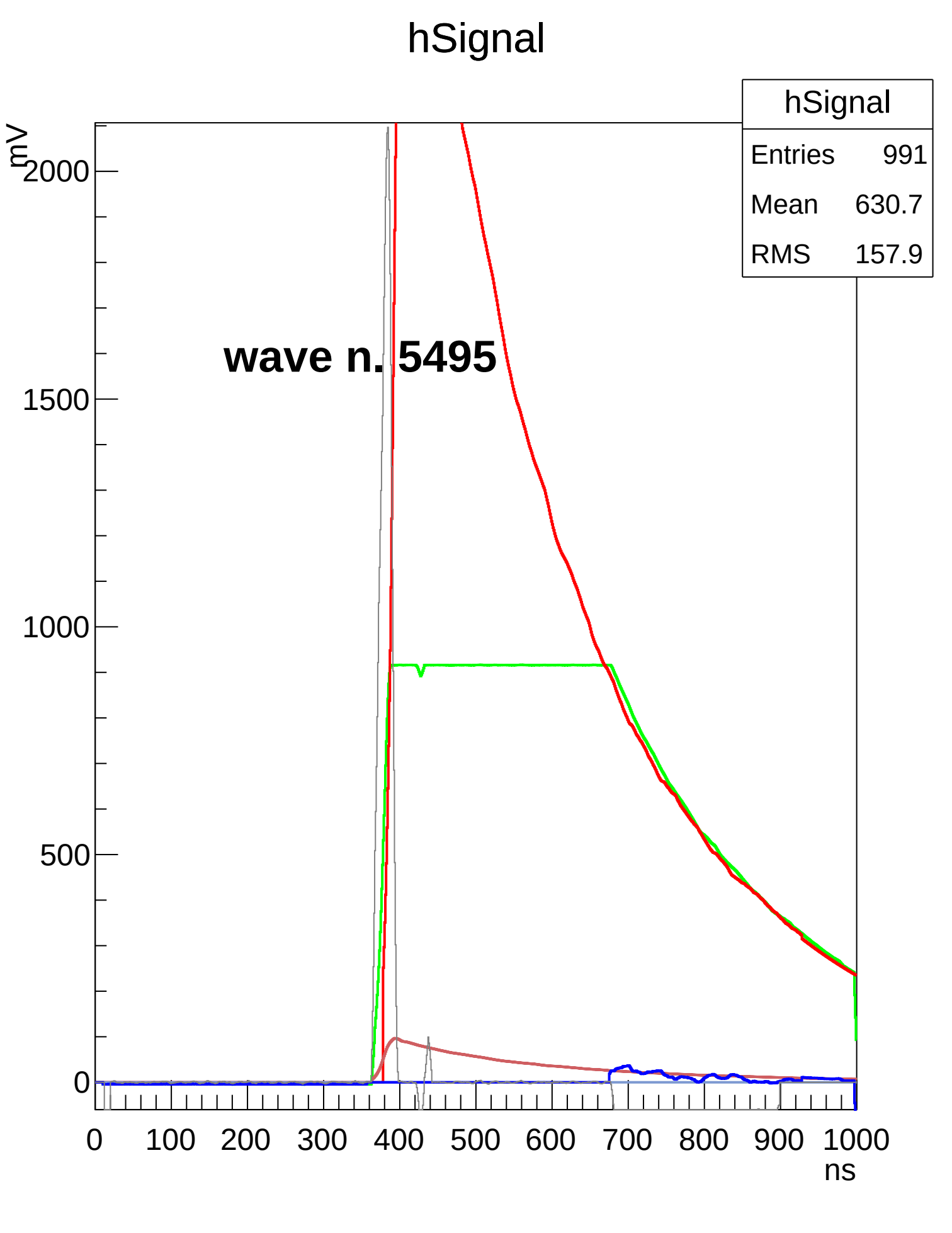
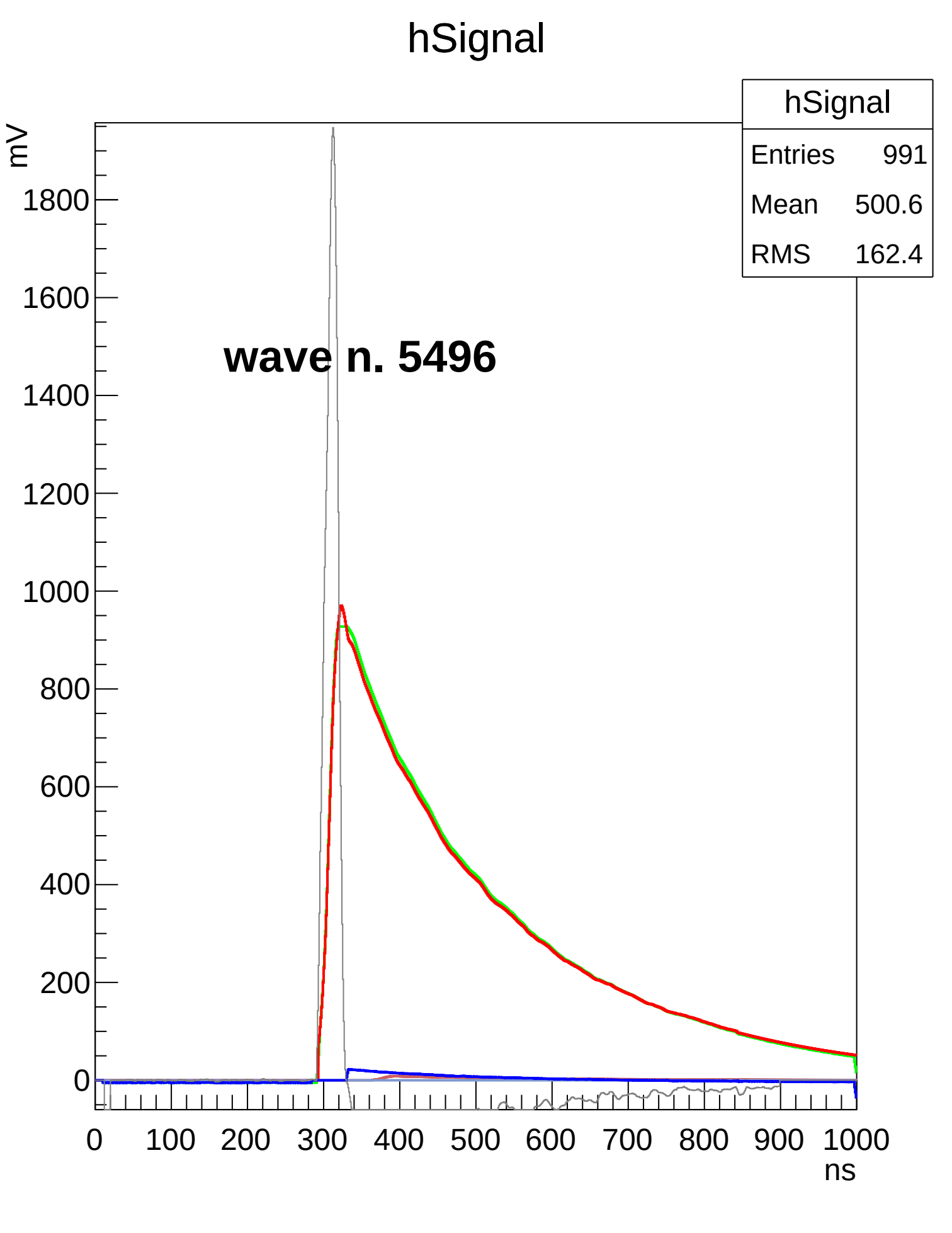
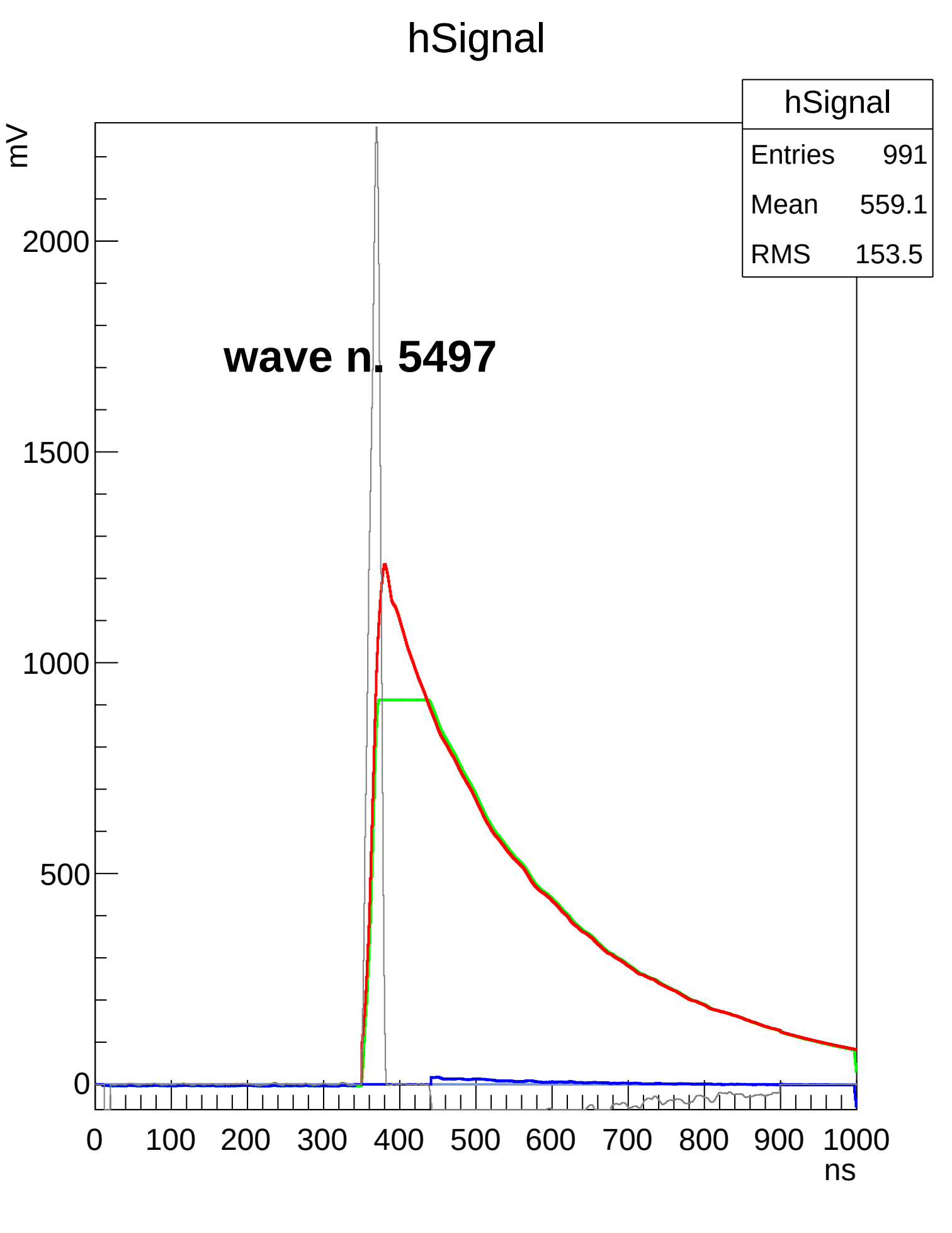
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 490.5
RMS 177.2
wave n. 5494
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 630.7
RMS 157.9
wave n. 5495
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 500.6
RMS 162.4
wave n. 5496
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 559.1
RMS 153.5
wave n. 5497
mV
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1500
1000
500
0
0
100
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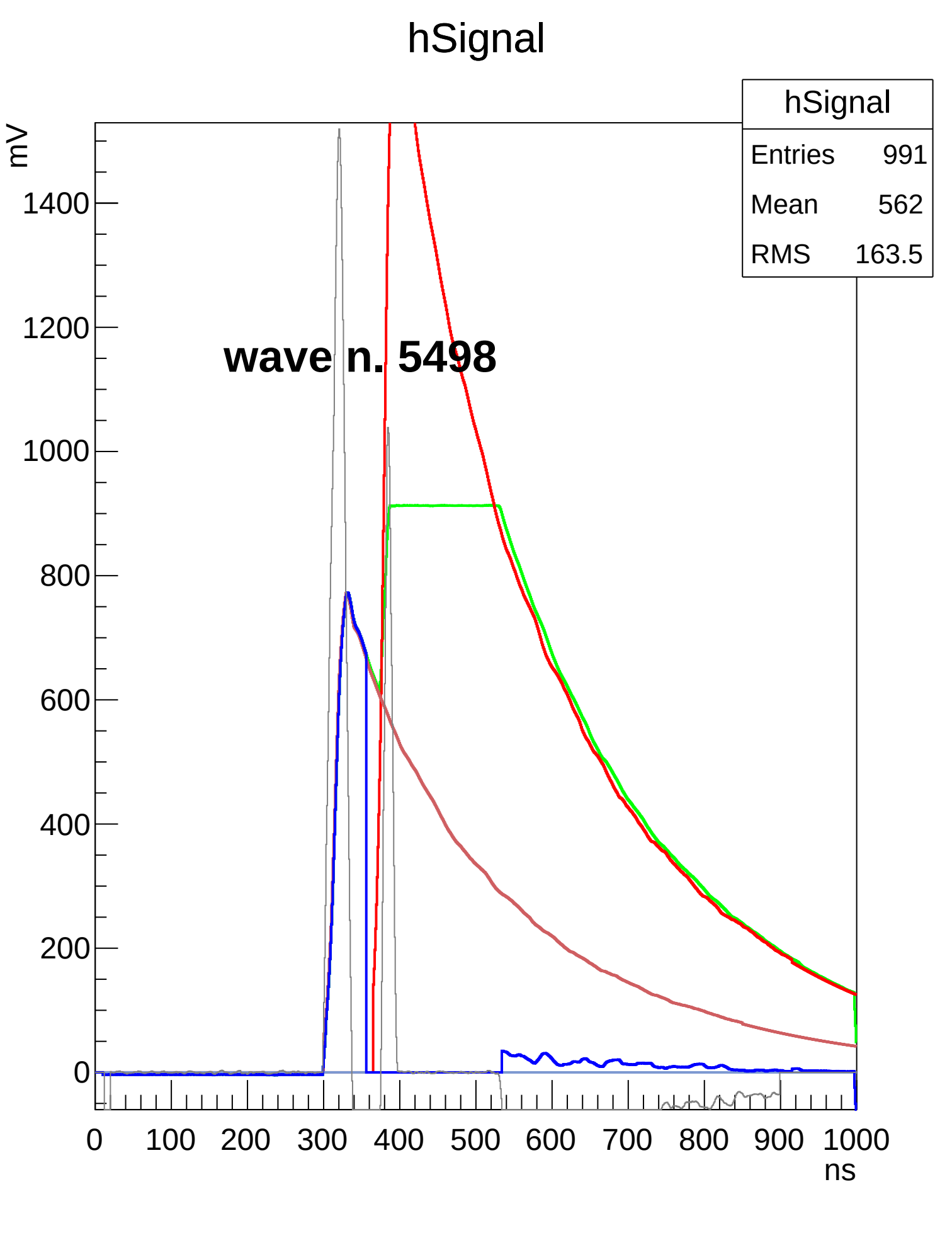
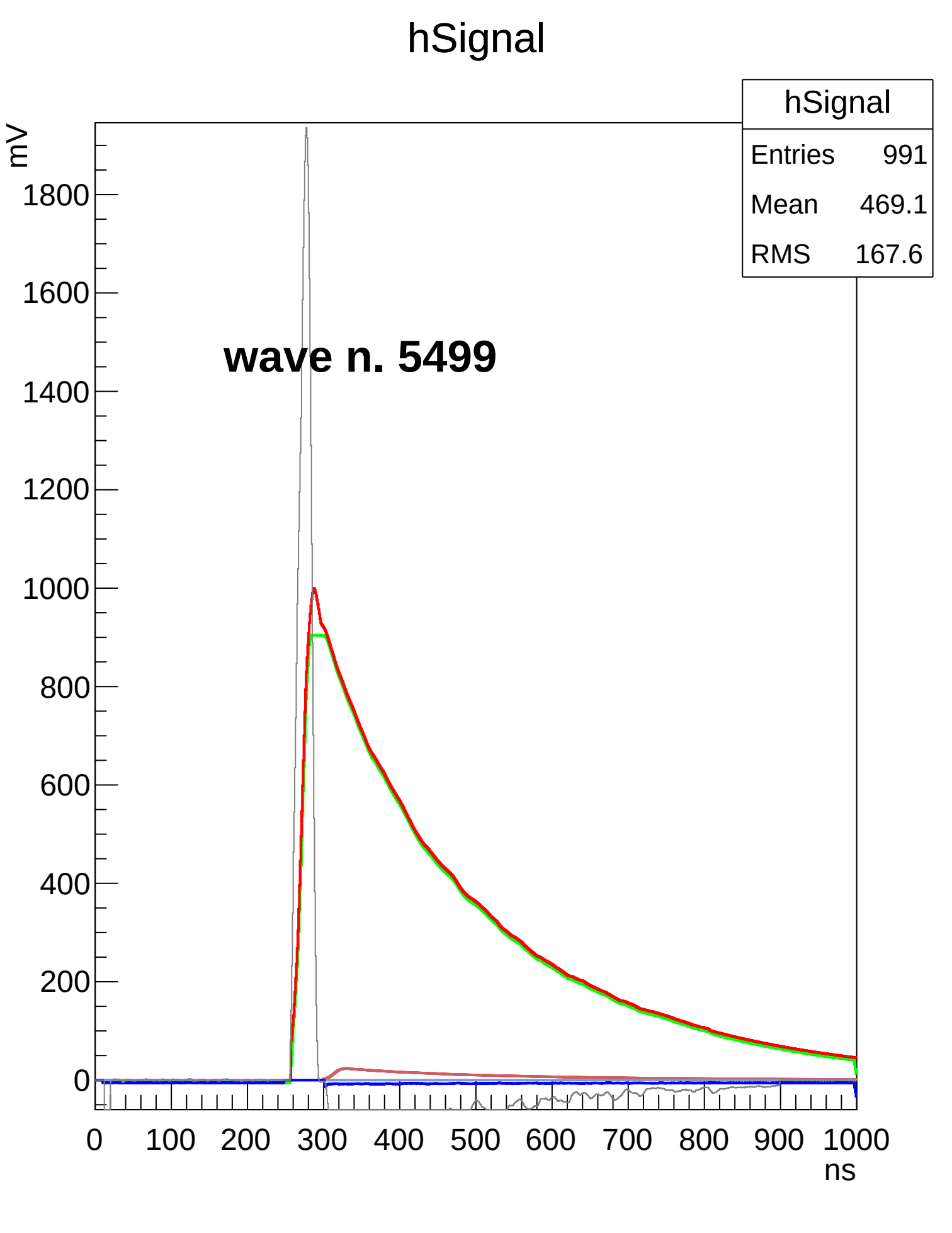
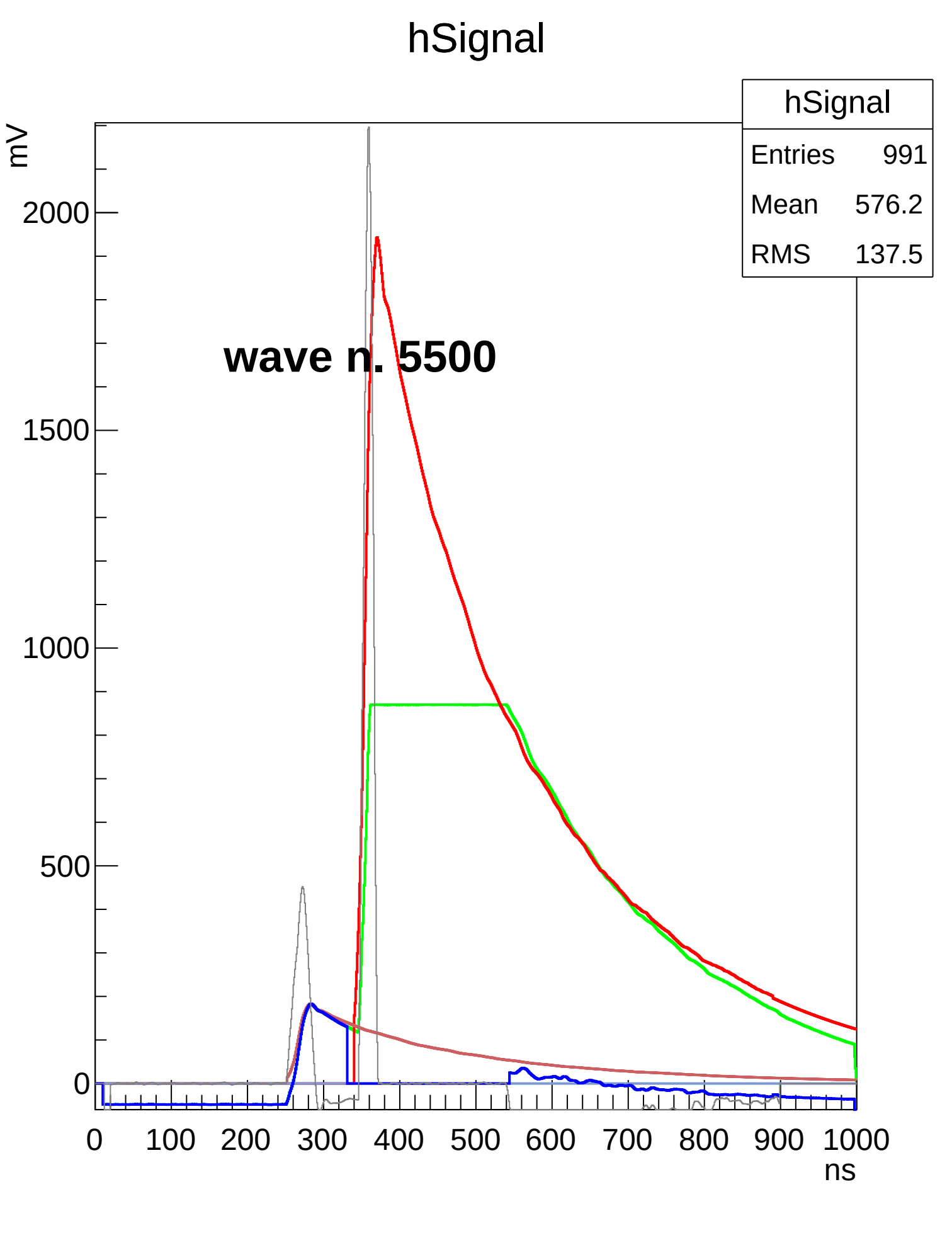
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 562
RMS 163.5
wave n. 5498
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 469.1
RMS 167.6
wave n. 5499
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576.2
RMS 137.5
wave n. 5500
mV
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1500
1000
500
0
0
100
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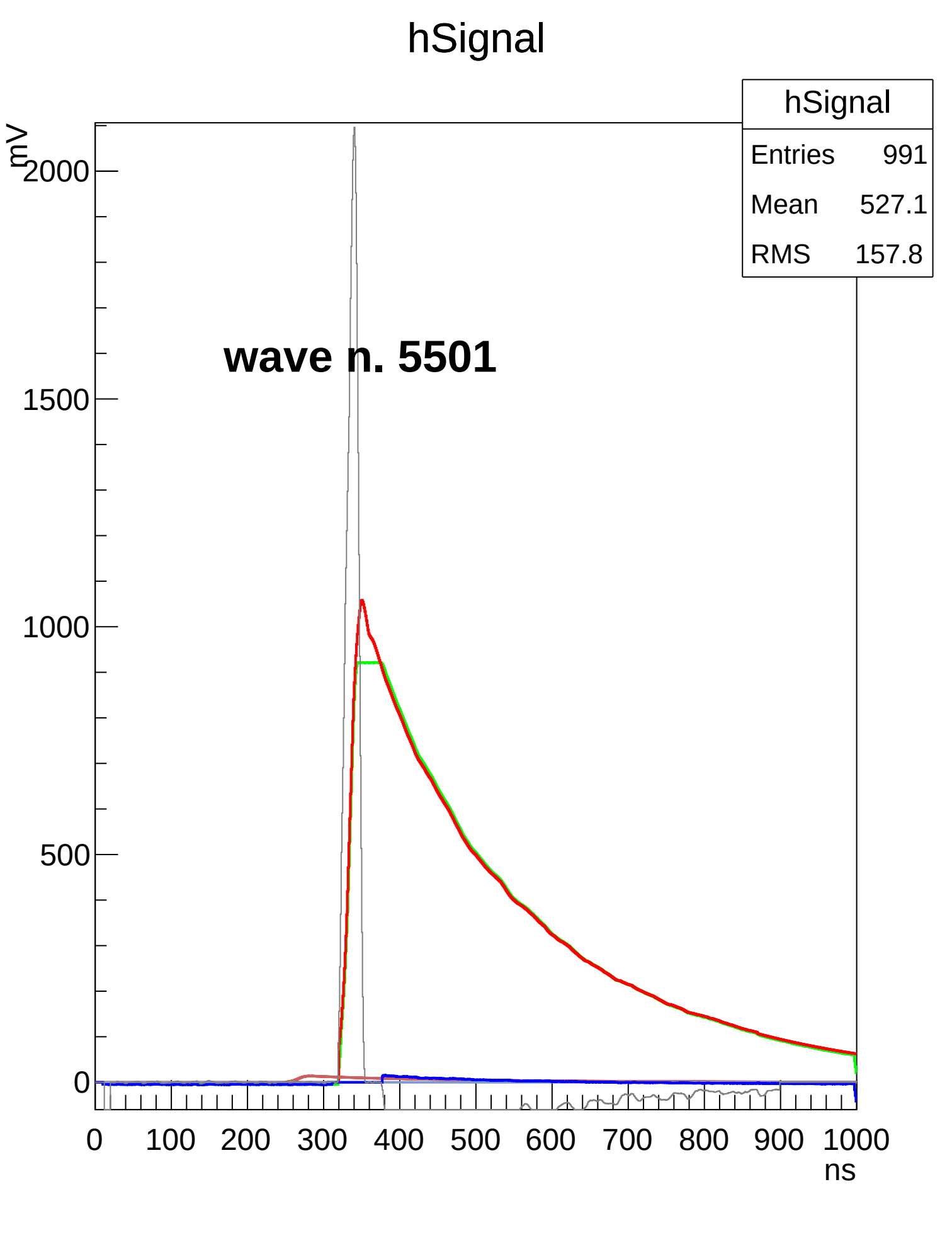
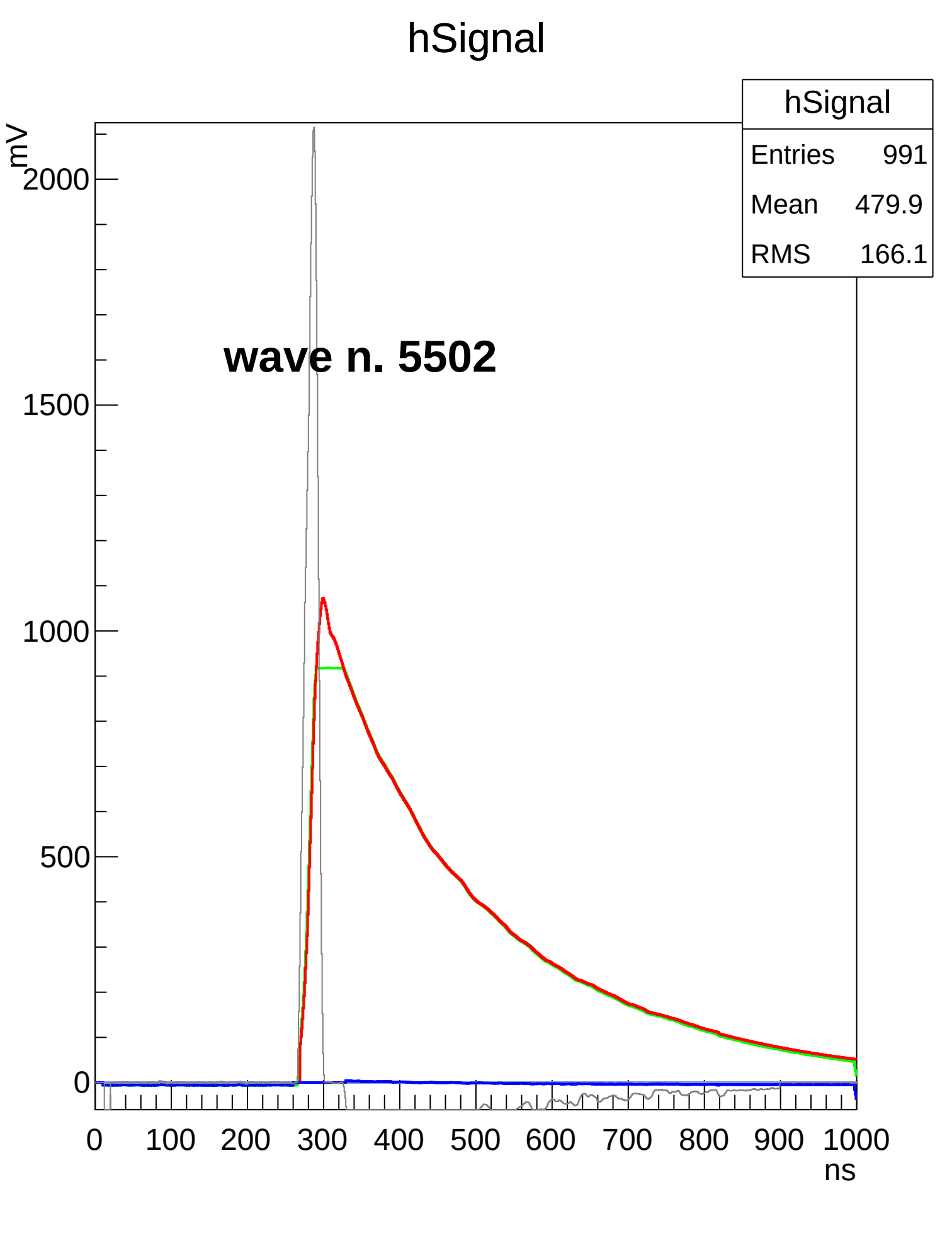
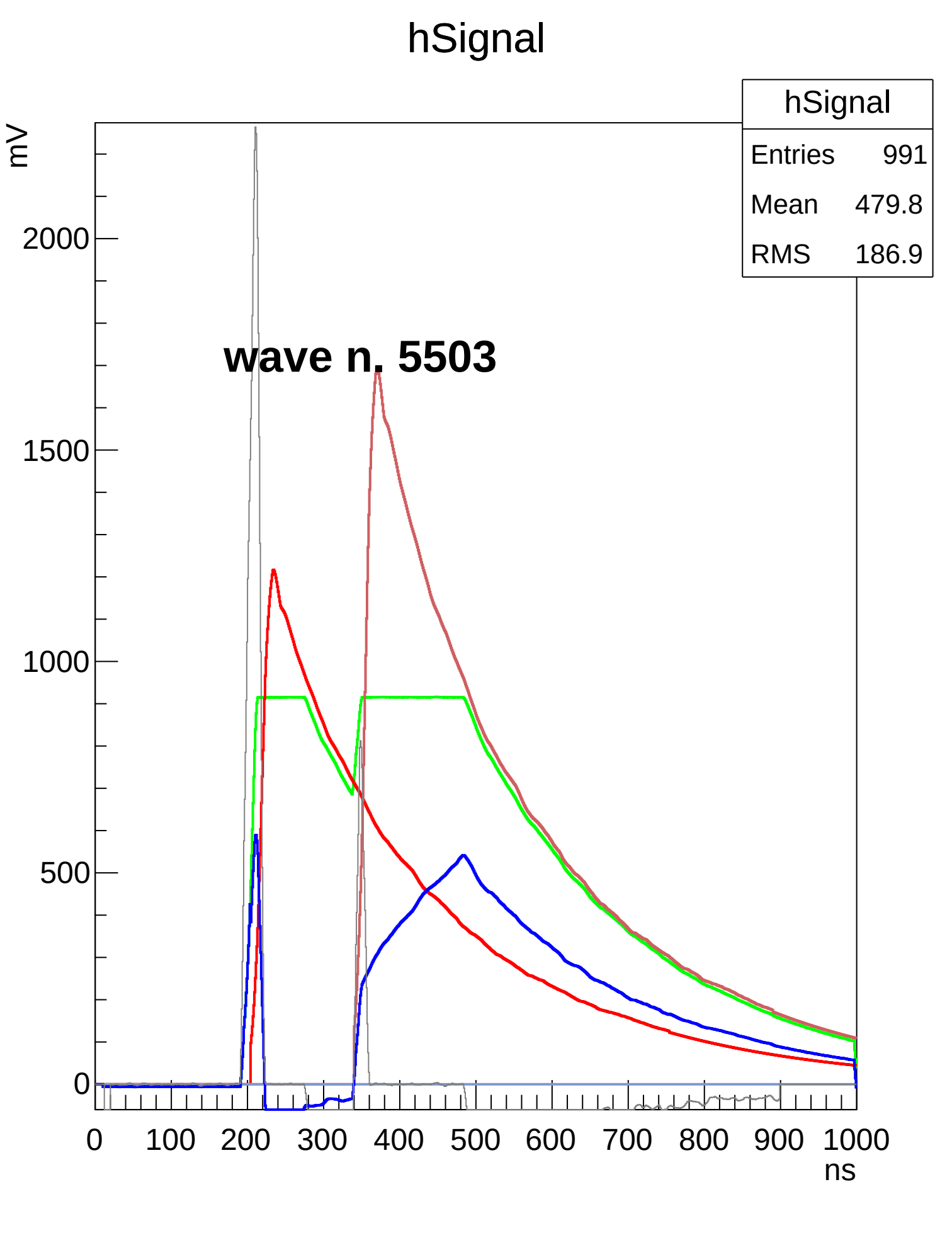
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527.1
RMS 157.8
wave n. 5501
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 479.9
RMS 166.1
wave n. 5502
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 479.8
RMS 186.9
wave n. 5503
mV
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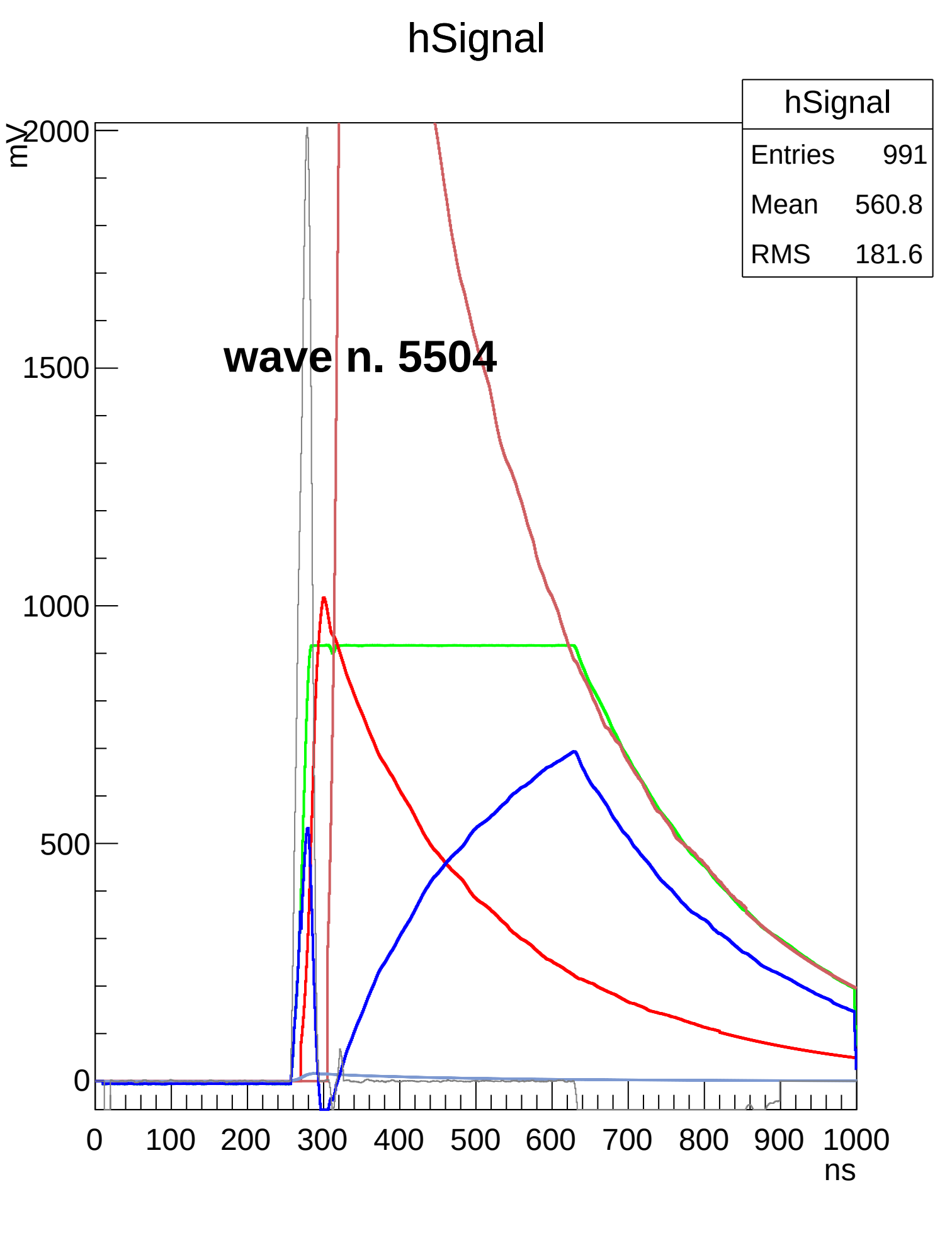
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.8
RMS 181.6
wave n. 5504
mV
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1000
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0
100
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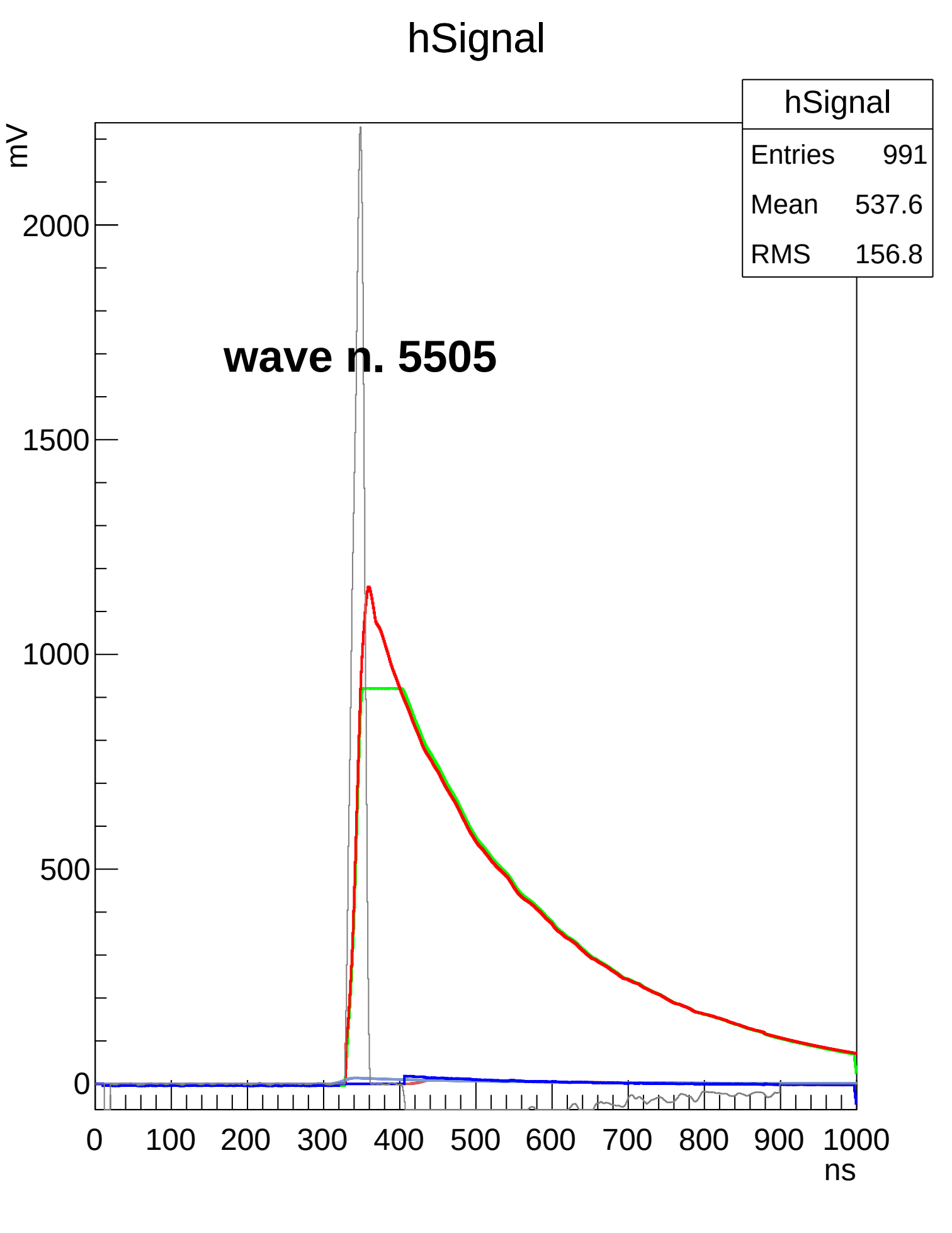
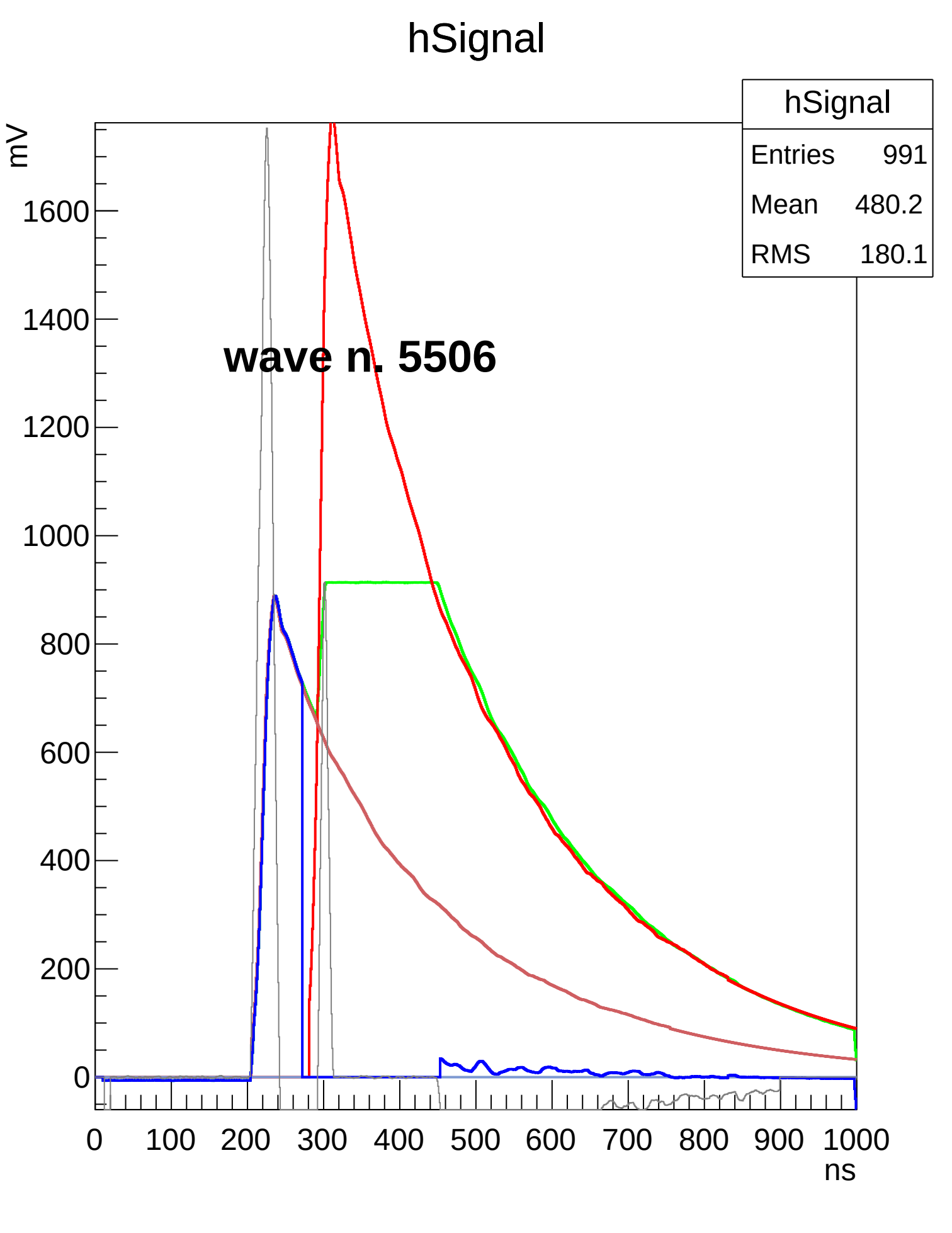
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 537.6
RMS 156.8
wave n. 5505
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 480.2
RMS 180.1
wave n. 5506
mV
1600
1400
1200
1000
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600
400
200
0
0
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200
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400
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800
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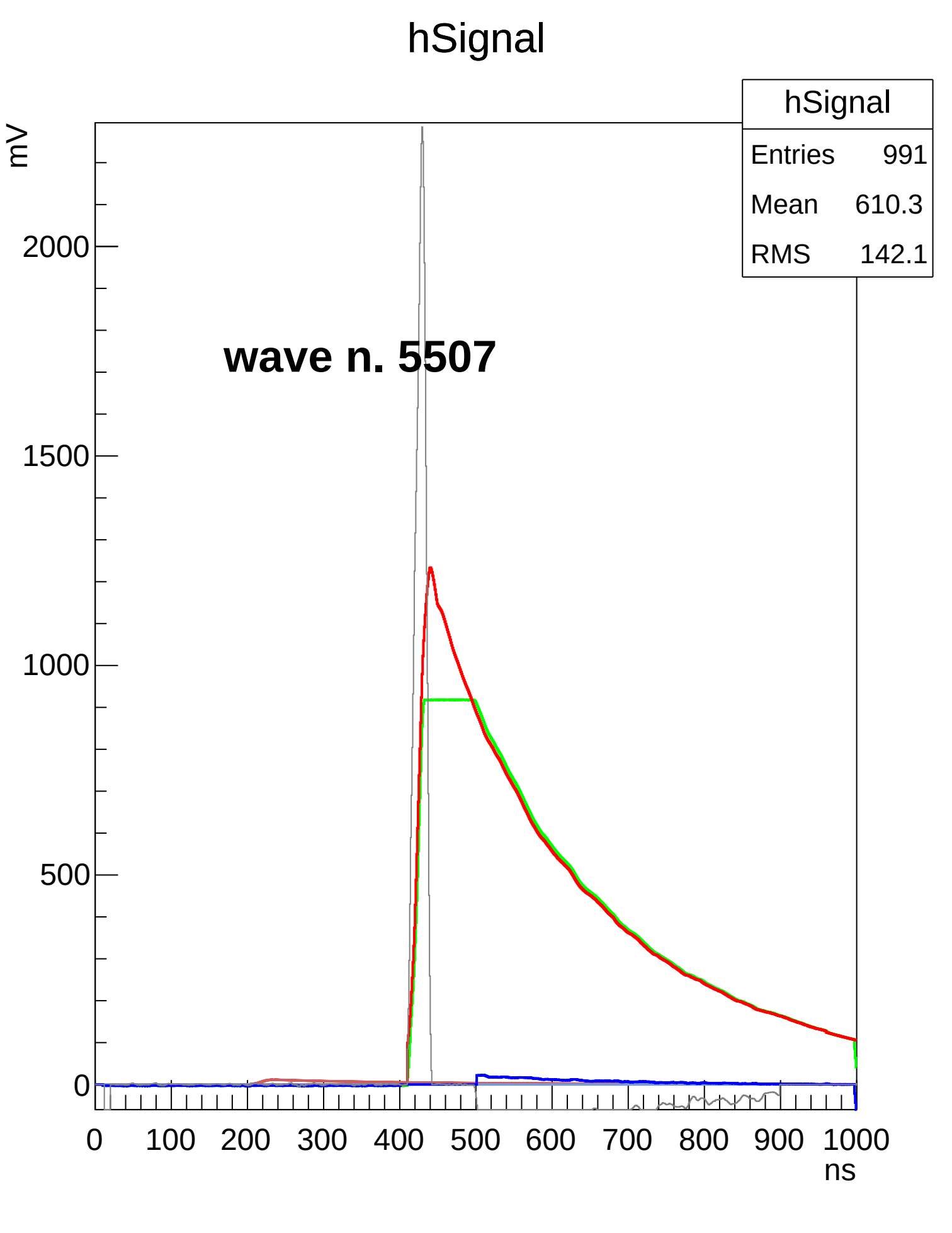
1000
ns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hSignal
Entries 991
Mean 610.3
RMS 142.1
wave n. 5507
mV
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1500
1000
500
0
0
100
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400
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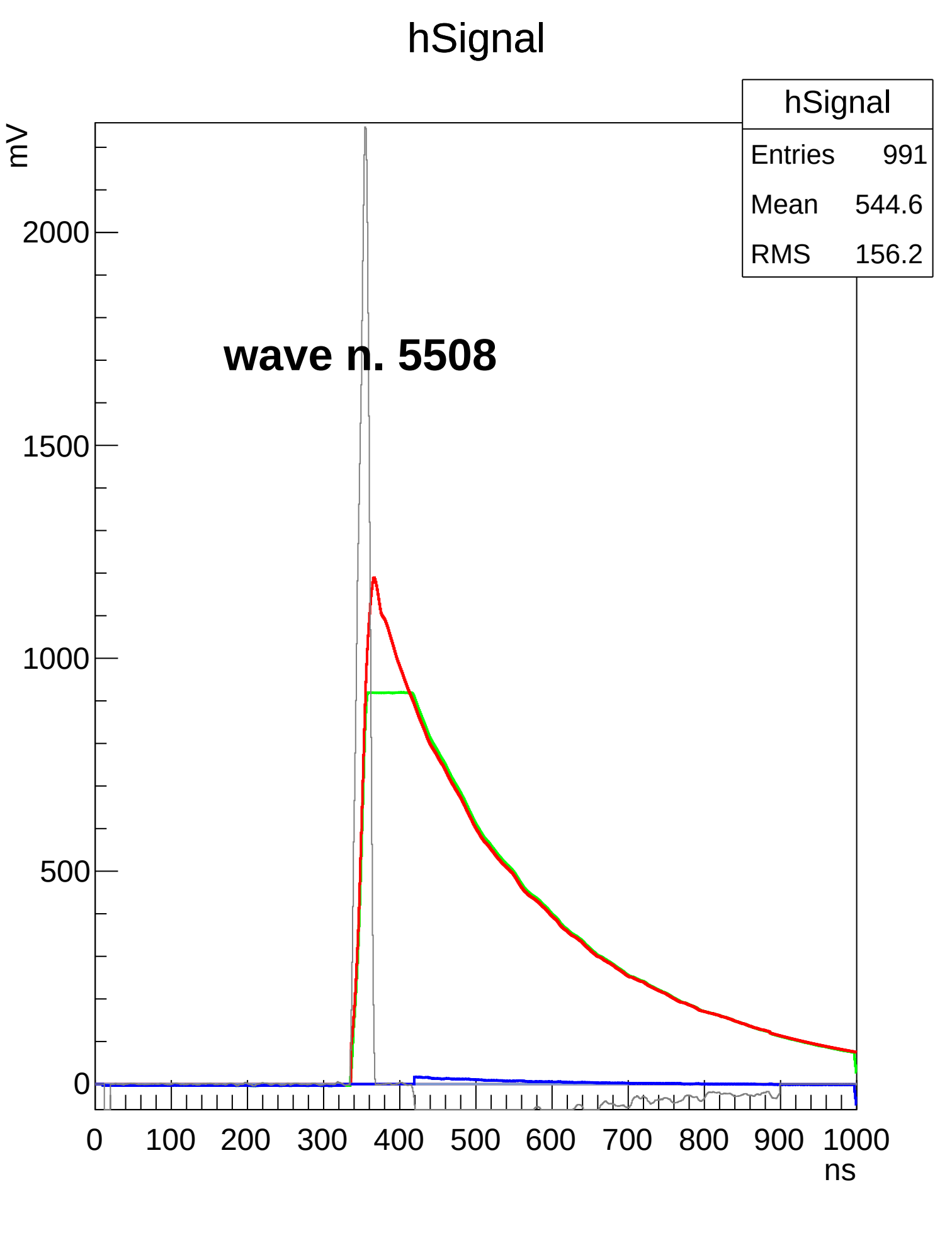
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 544.6
RMS 156.2
wave n. 5508
mV
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1500
1000
500
0
0
100
200
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400
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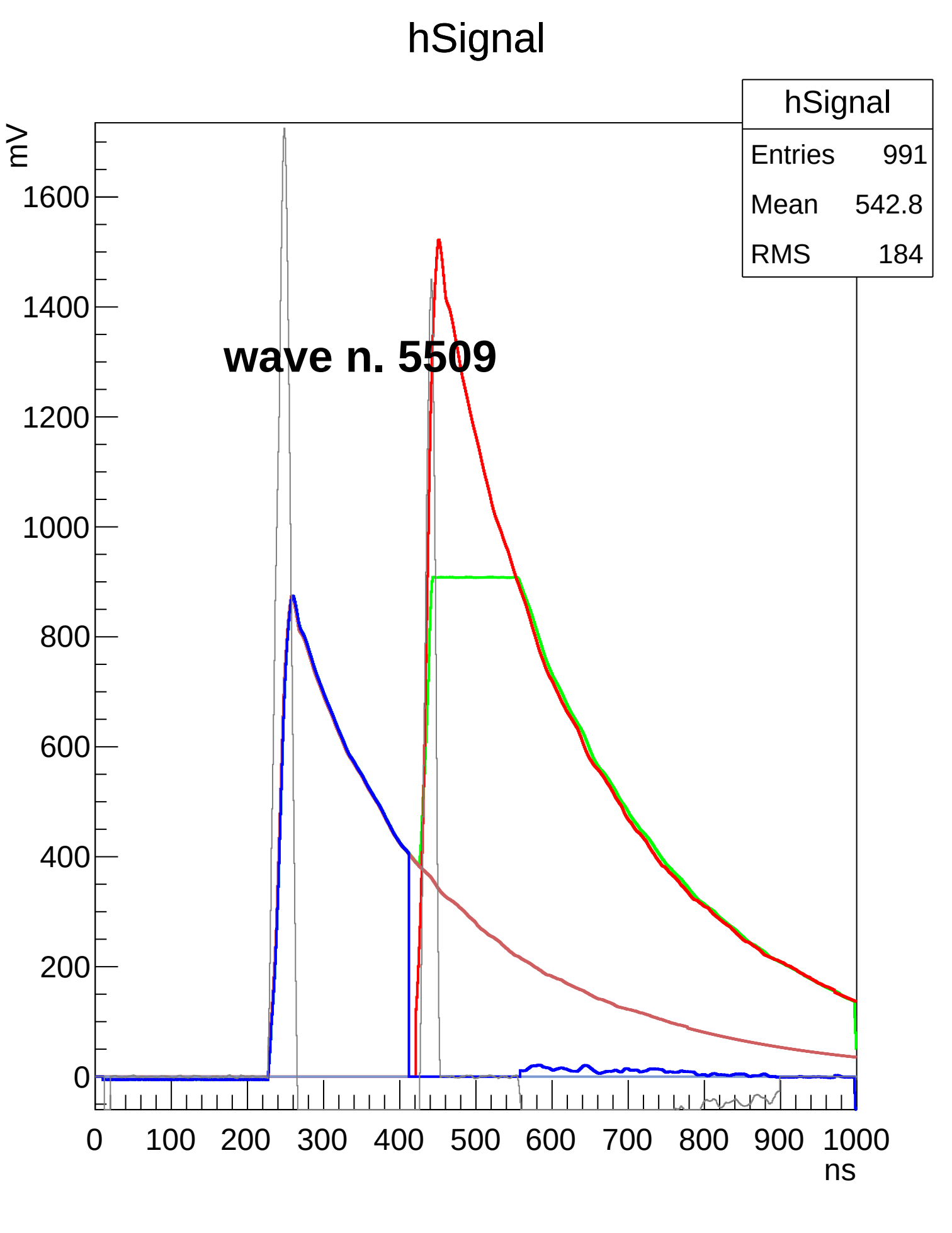
700
800
900
1000
ns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hSignal
Entries 991
Mean 542.8
RMS 184
wave n. 5509
mV
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1400
1200
1000
800
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400
200
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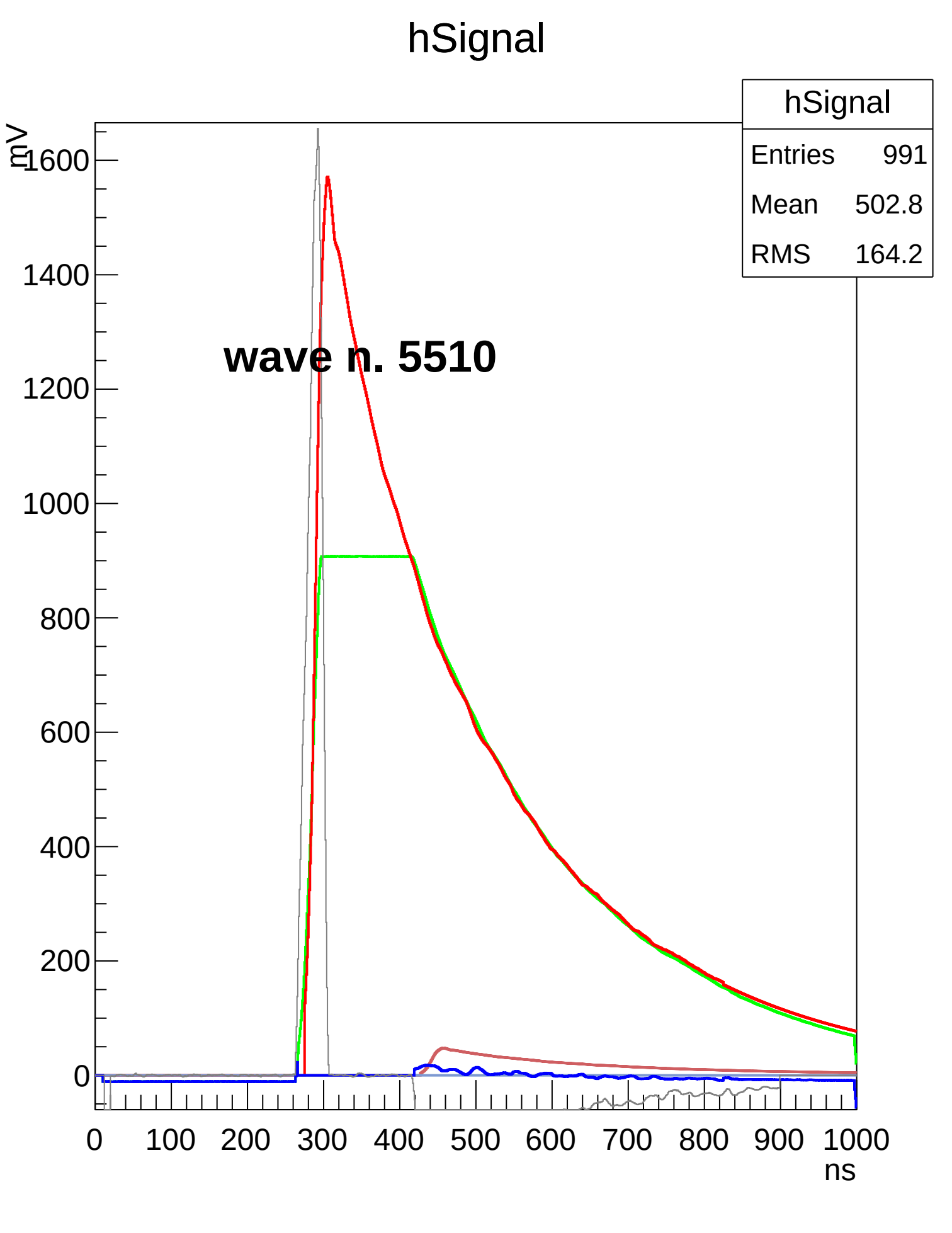
ns


hSignal
hSignal
Entries 991
Mean 502.8
RMS 164.2
wave n. 5510
mV
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1200
1000
800
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400
200
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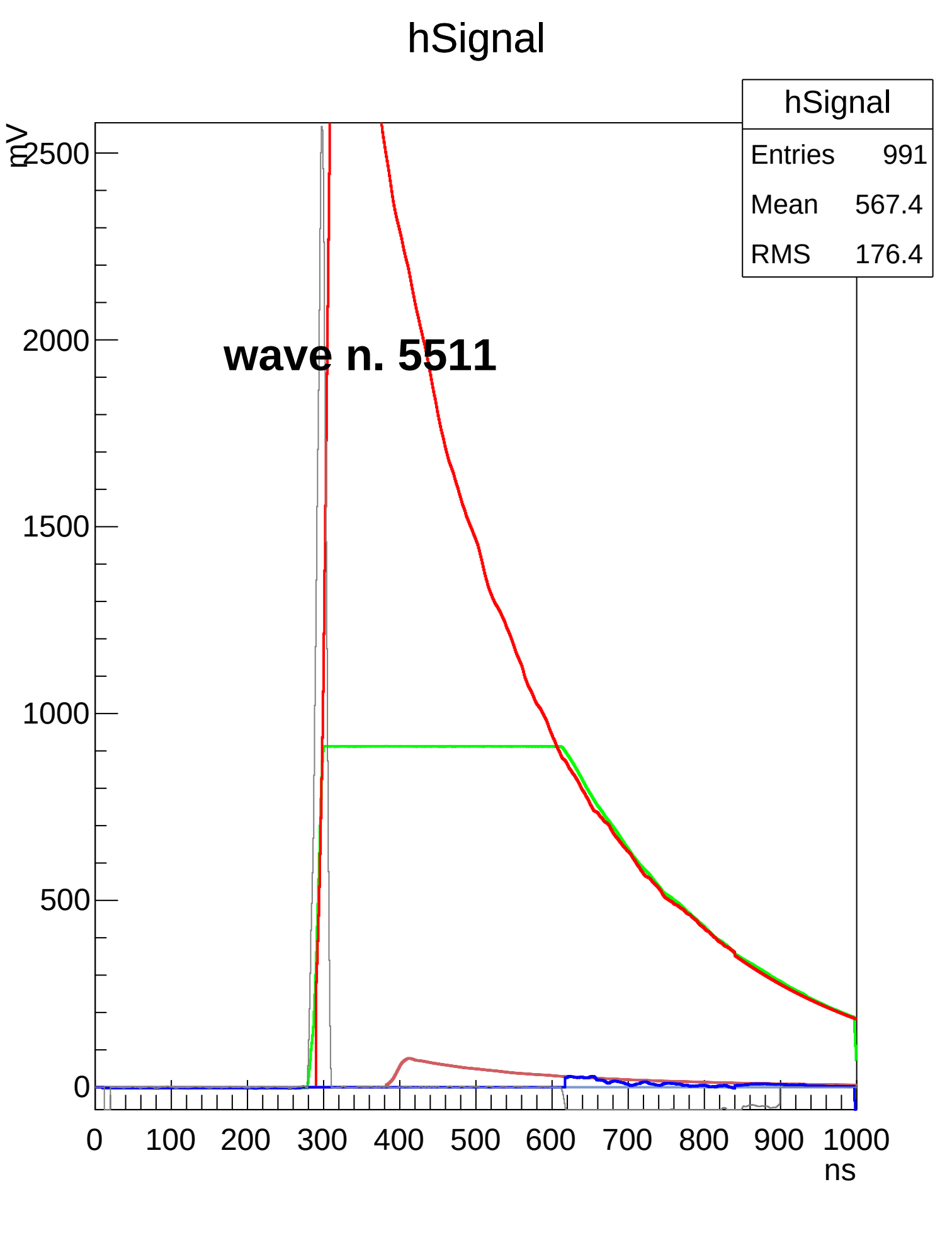
ns


hSignal
hSignal
Entries 991
Mean 567.4
RMS 176.4
wave n. 5511
mV
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1500
1000
500
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0
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400
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800
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1000
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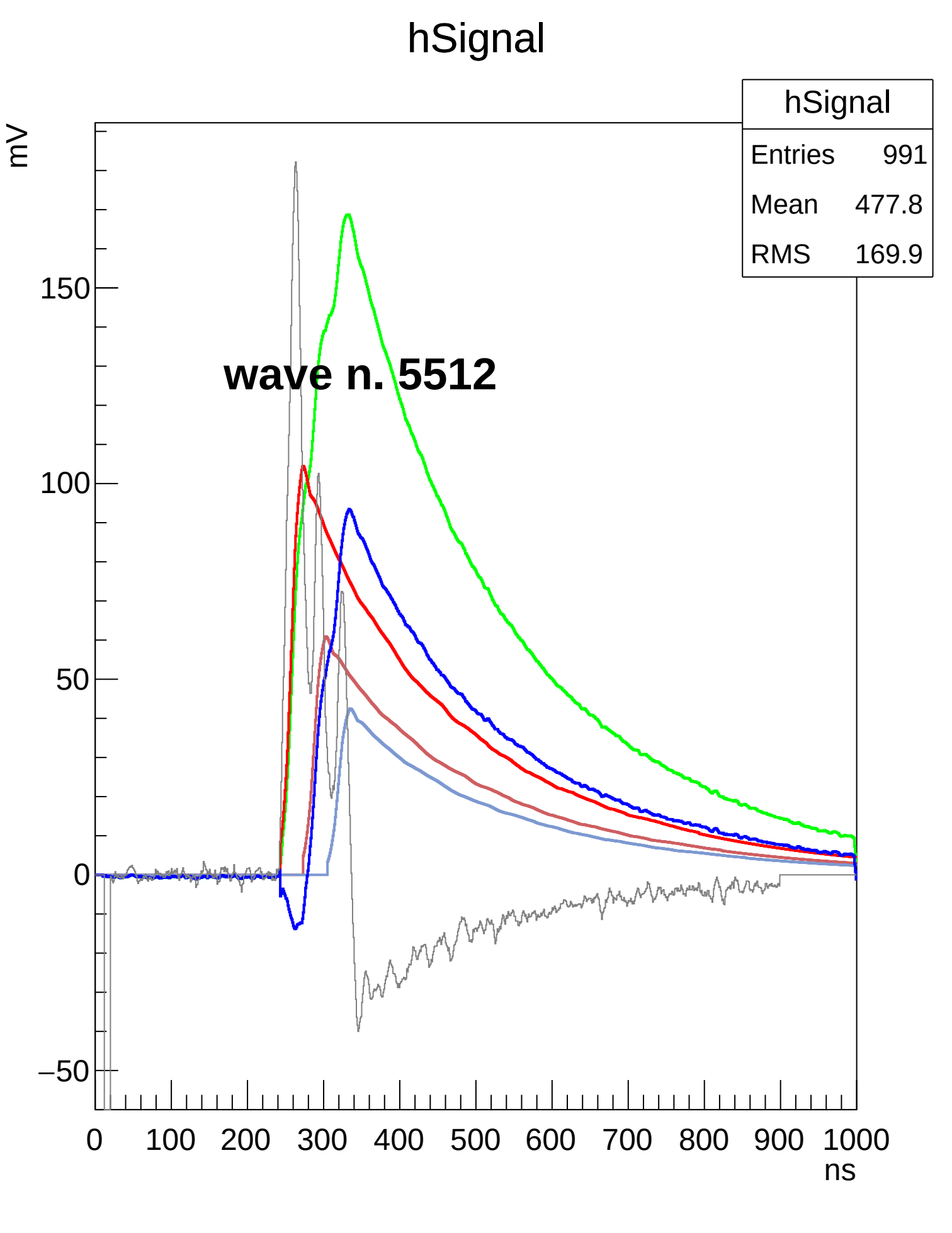
hSignal
hSignal
Entries 991
Mean 477.8
RMS 169.9
wave n. 5512
mV
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100
50
0
−50
0
100
200
300
400
500
600
700
800
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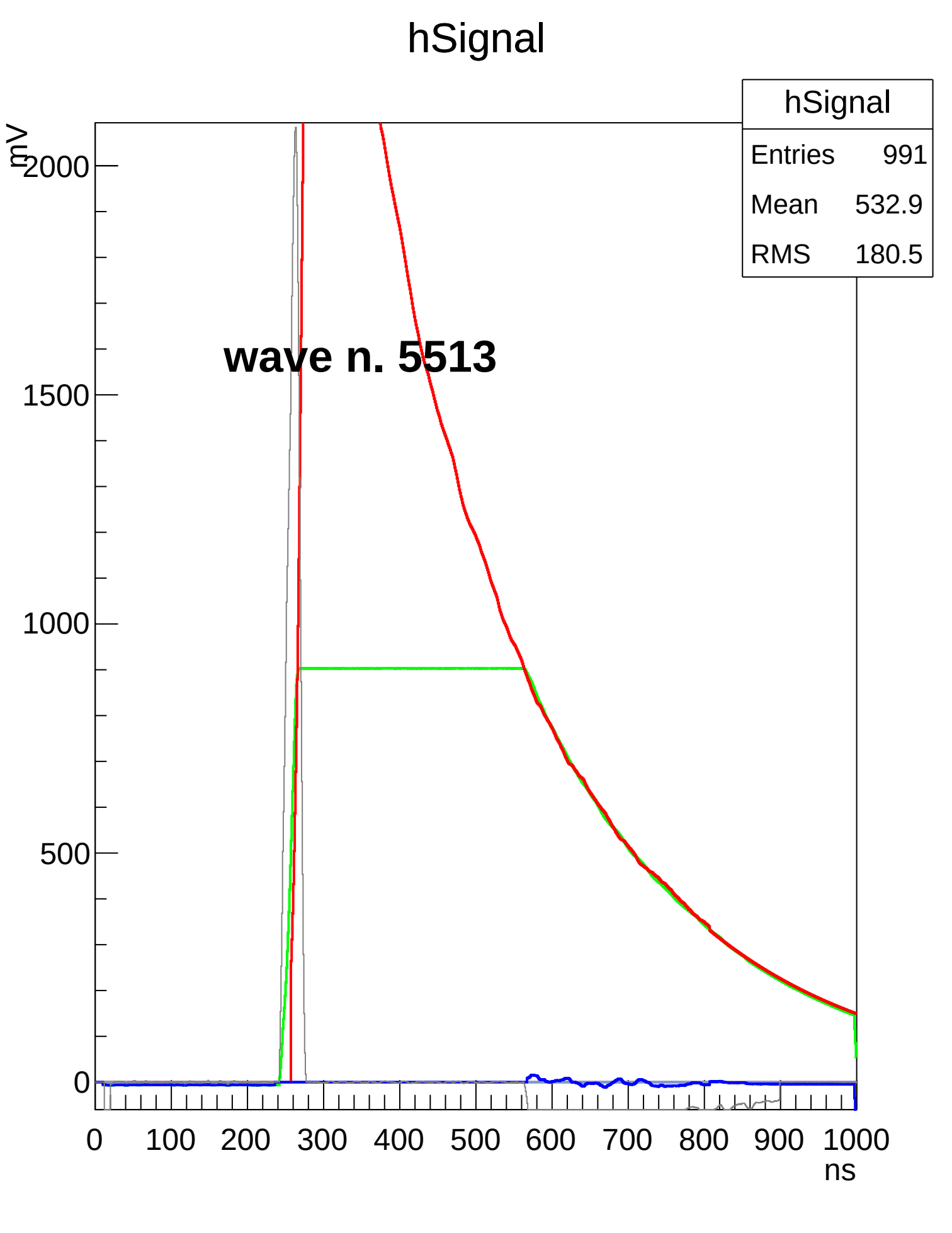
1000
ns


hSignal
hSignal
Entries 991
Mean 532.9
RMS 180.5
wave n. 5513
mV
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1000
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0
100
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1000
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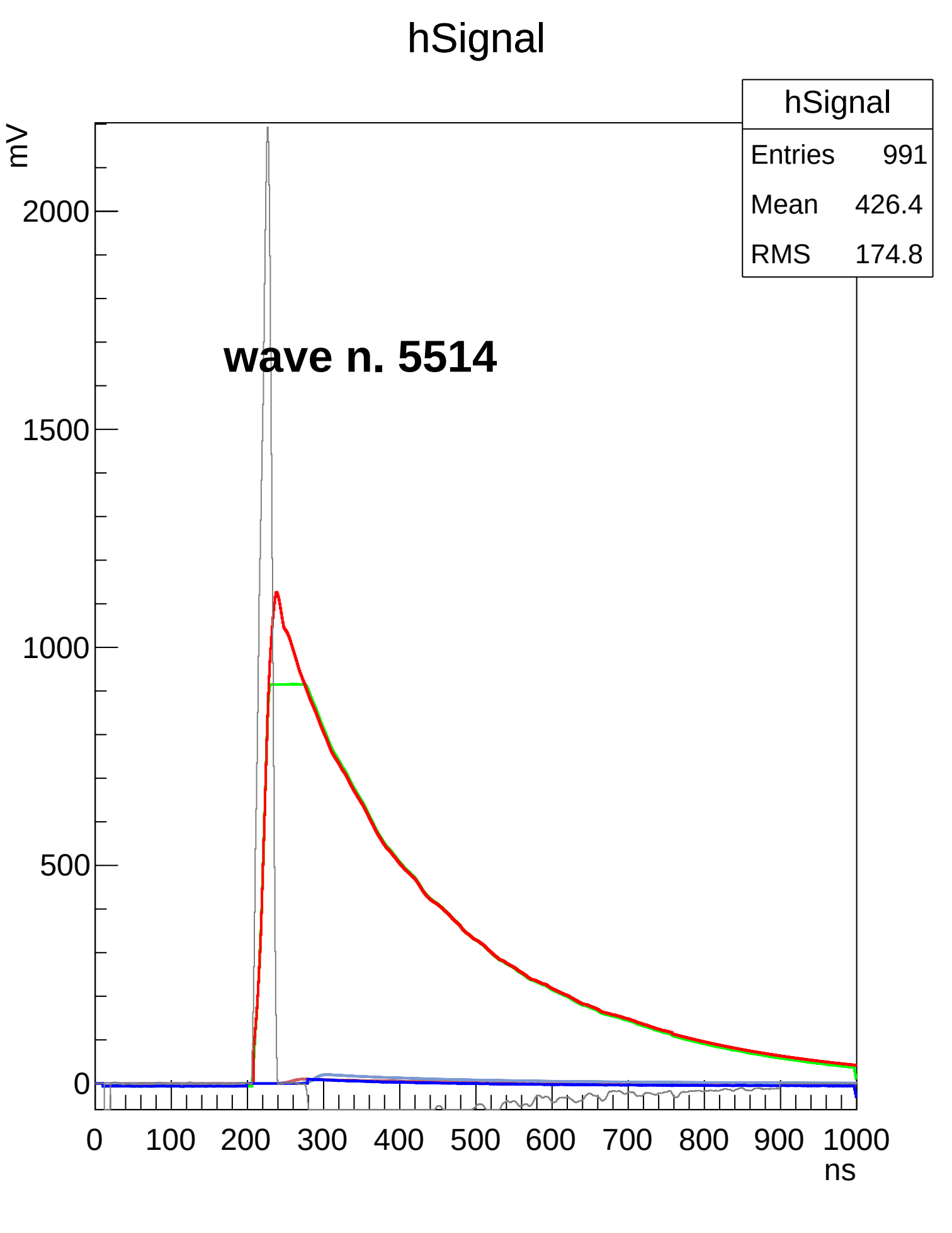
hSignal
hSignal
Entries 991
Mean 426.4
RMS 174.8
wave n. 5514
mV
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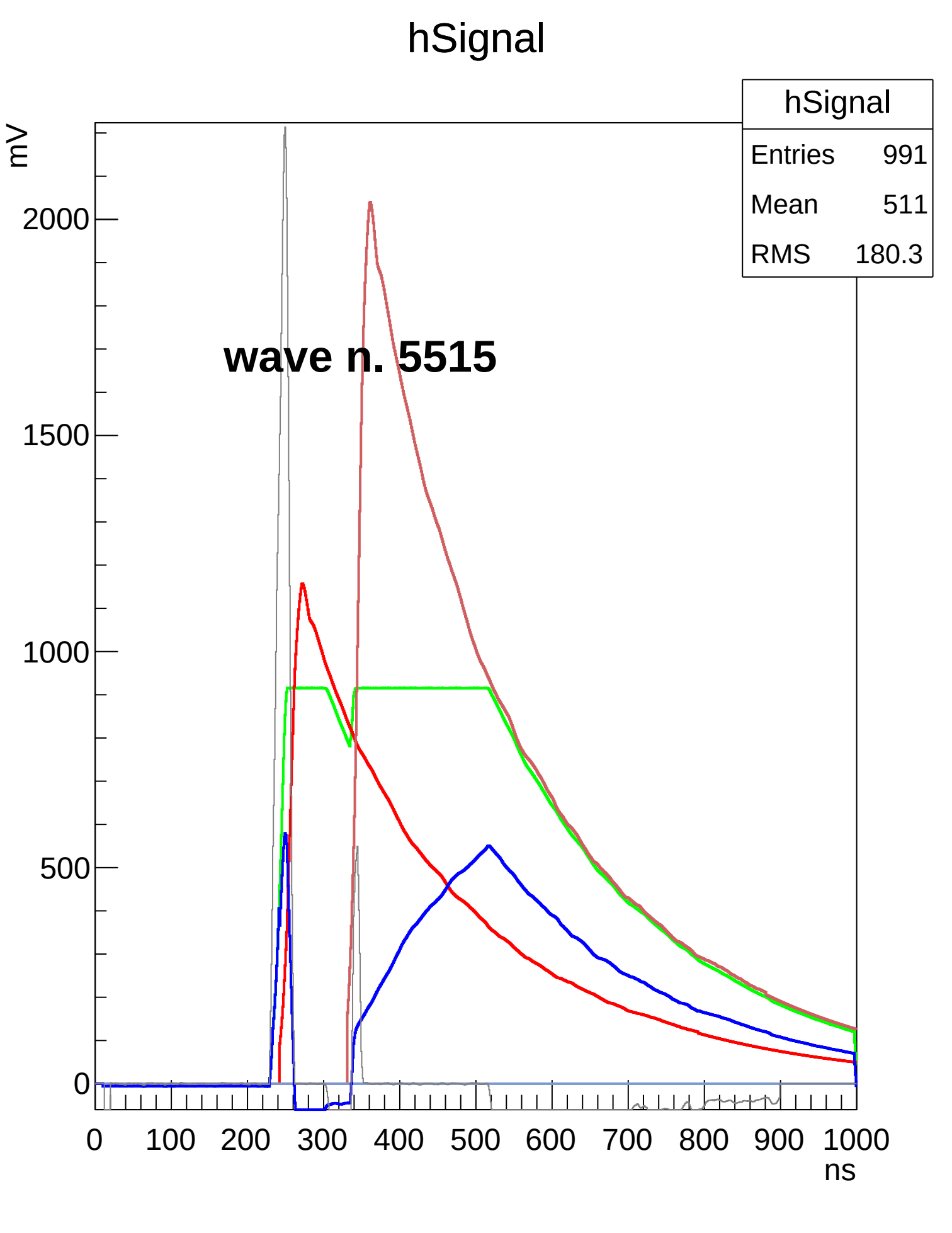
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hSignal
Entries 991
Mean 511
RMS 180.3
wave n. 5515
mV
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1000
500
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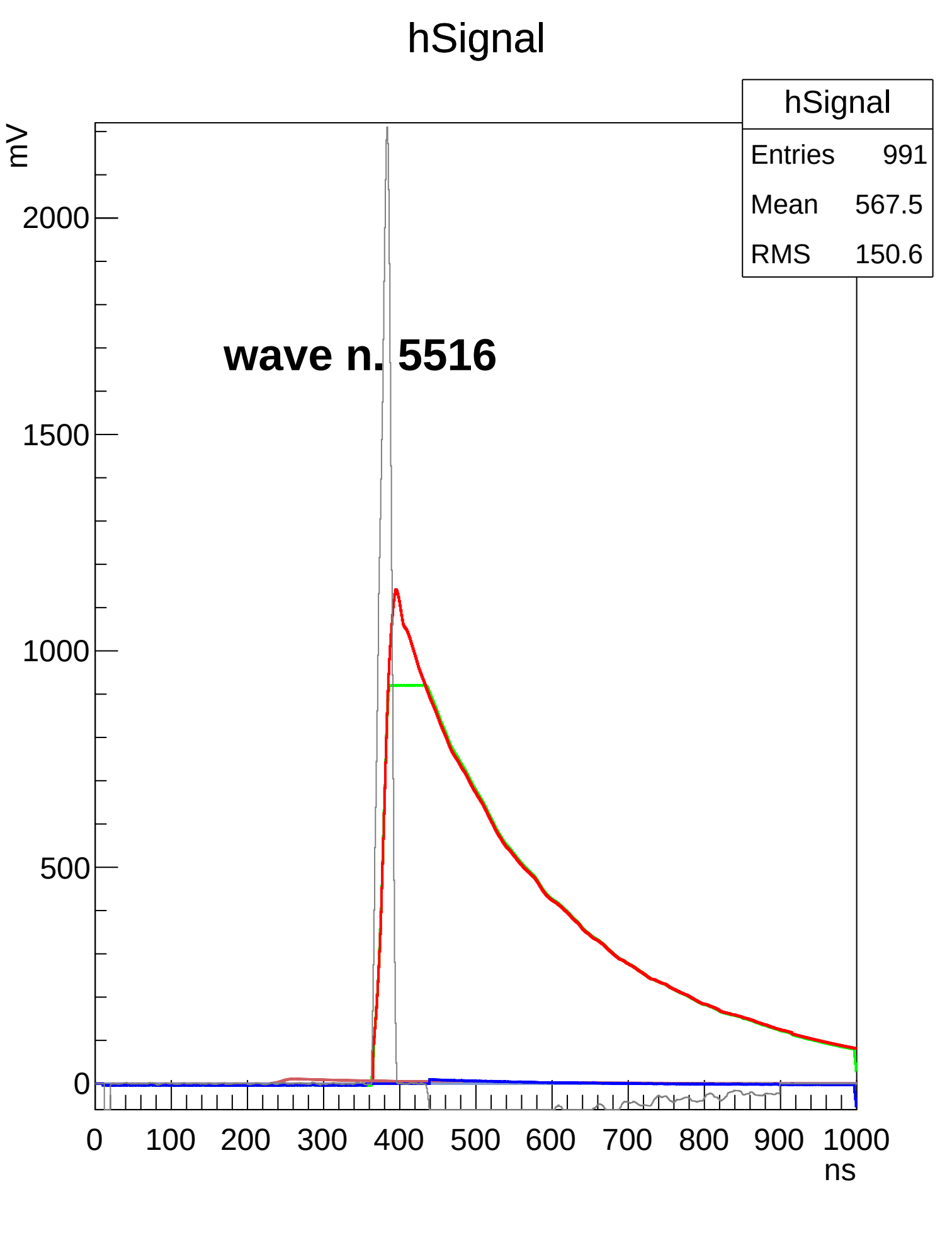
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 567.5
RMS 150.6
wave n. 5516
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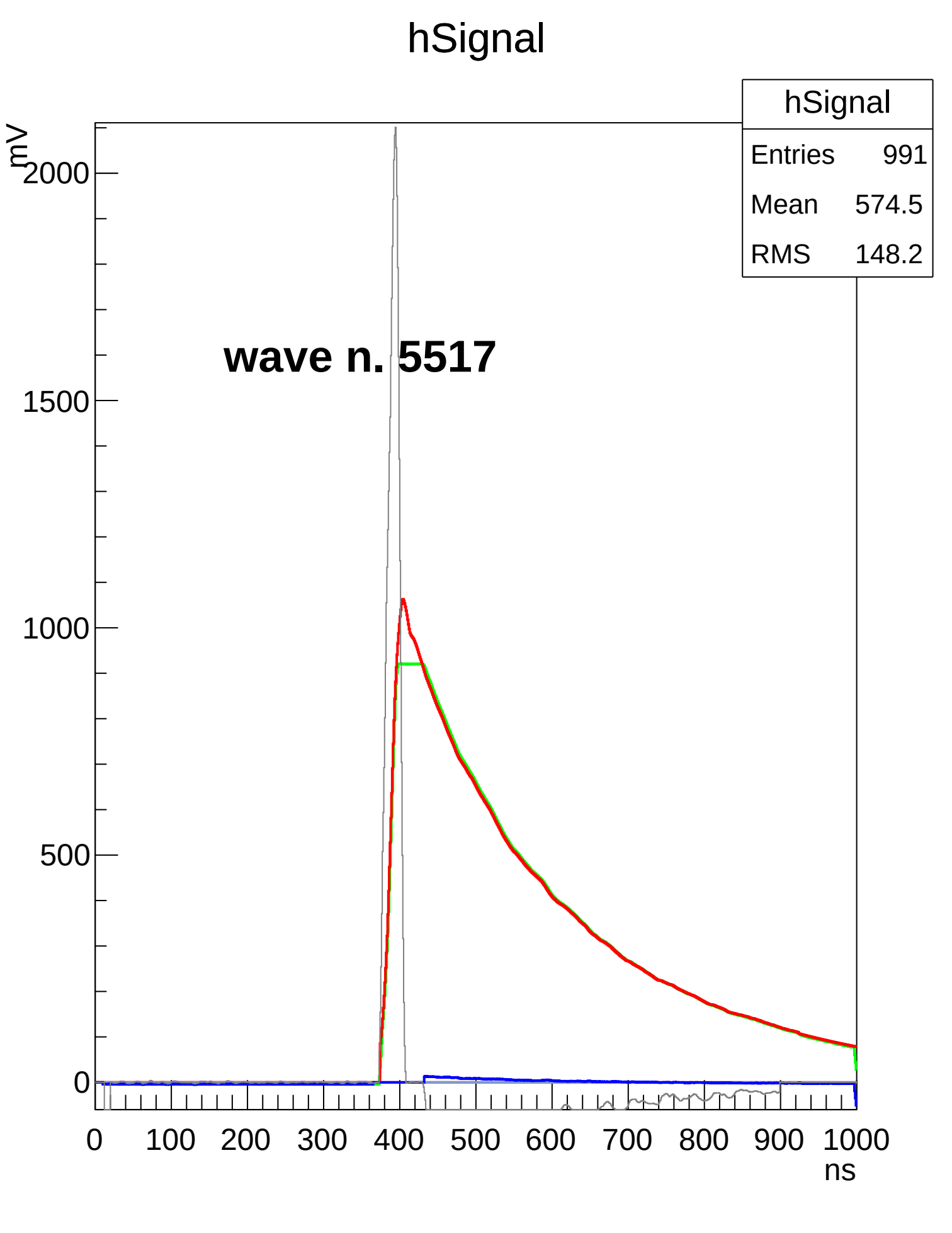
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 574.5
RMS 148.2
wave n. 5517
mV
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1500
1000
500
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100
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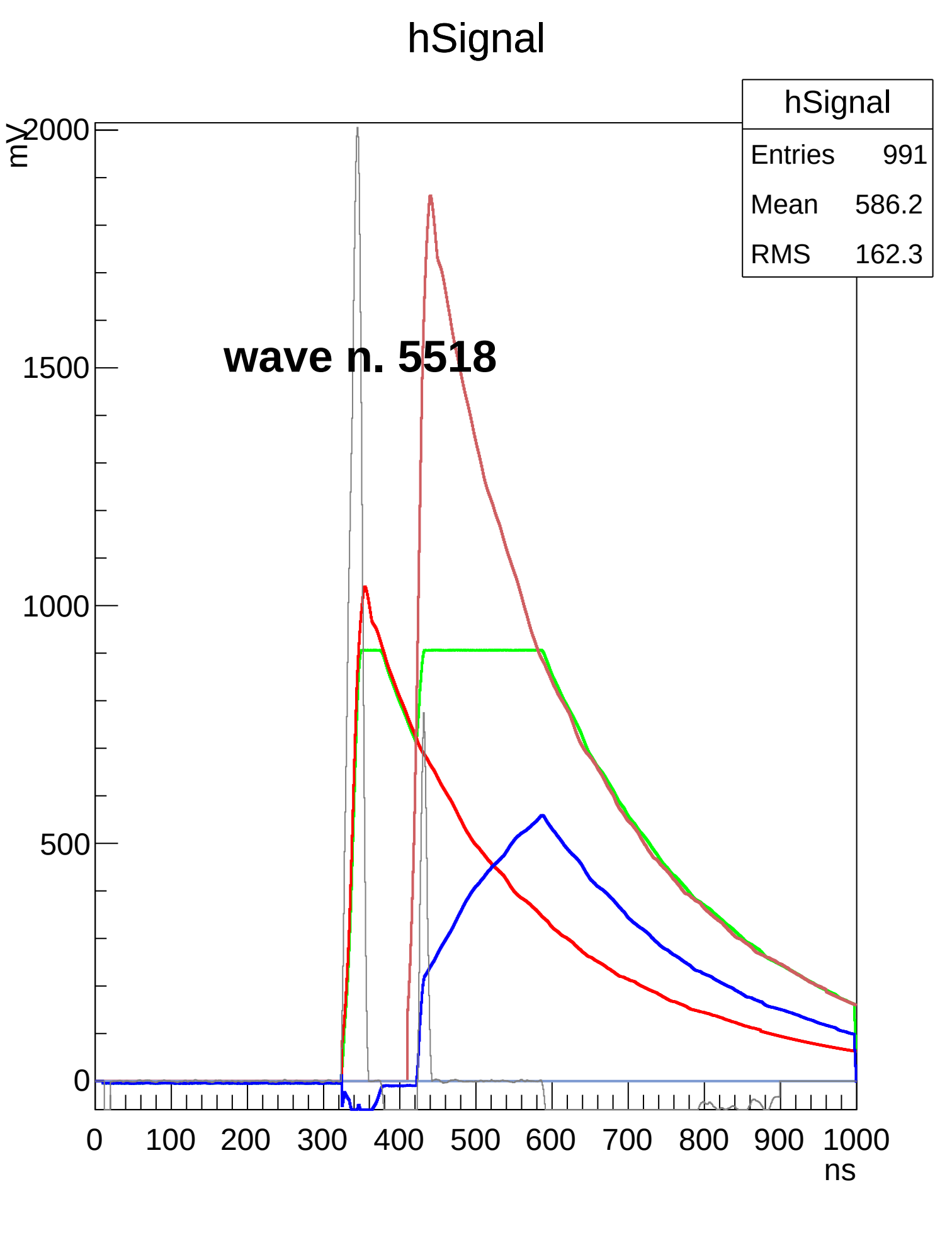
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586.2
RMS 162.3
wave n. 5518
mV
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1000
500
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100
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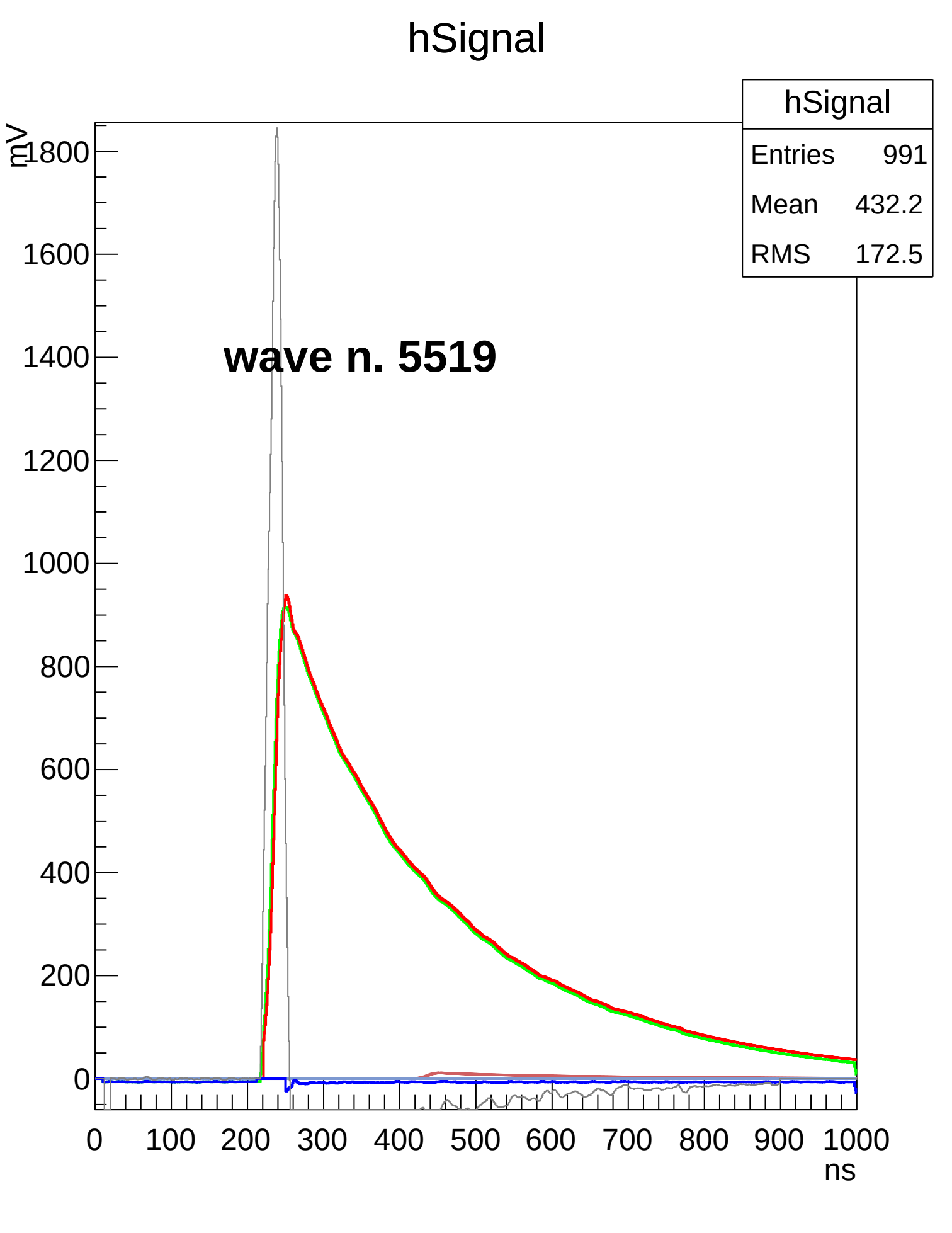
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 432.2
RMS 172.5
wave n. 5519
mV
1800
1600
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0
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400
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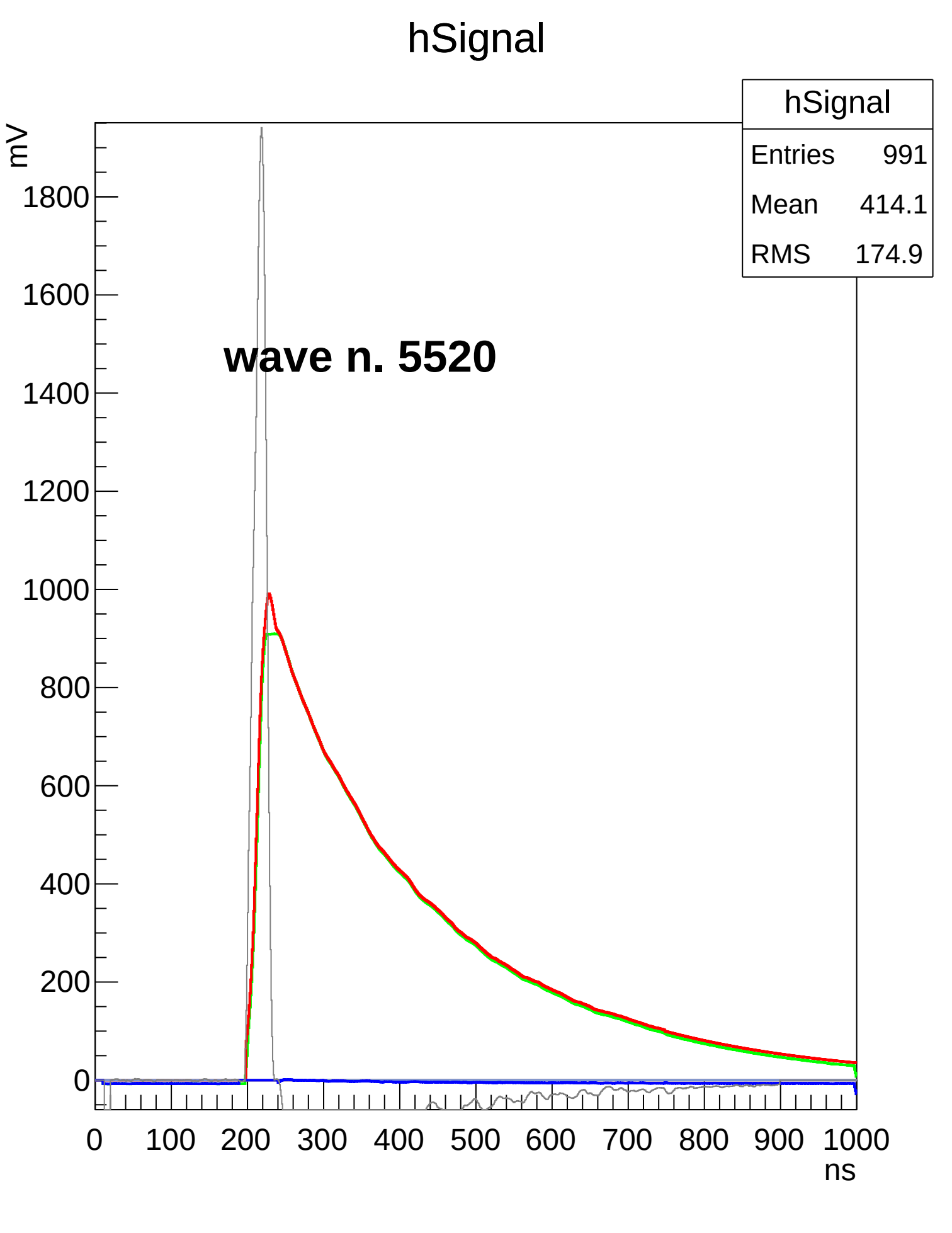
900
1000
ns


hSignal
hSignal
Entries 991
Mean 414.1
RMS 174.9
wave n. 5520
mV
1800
1600
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1000
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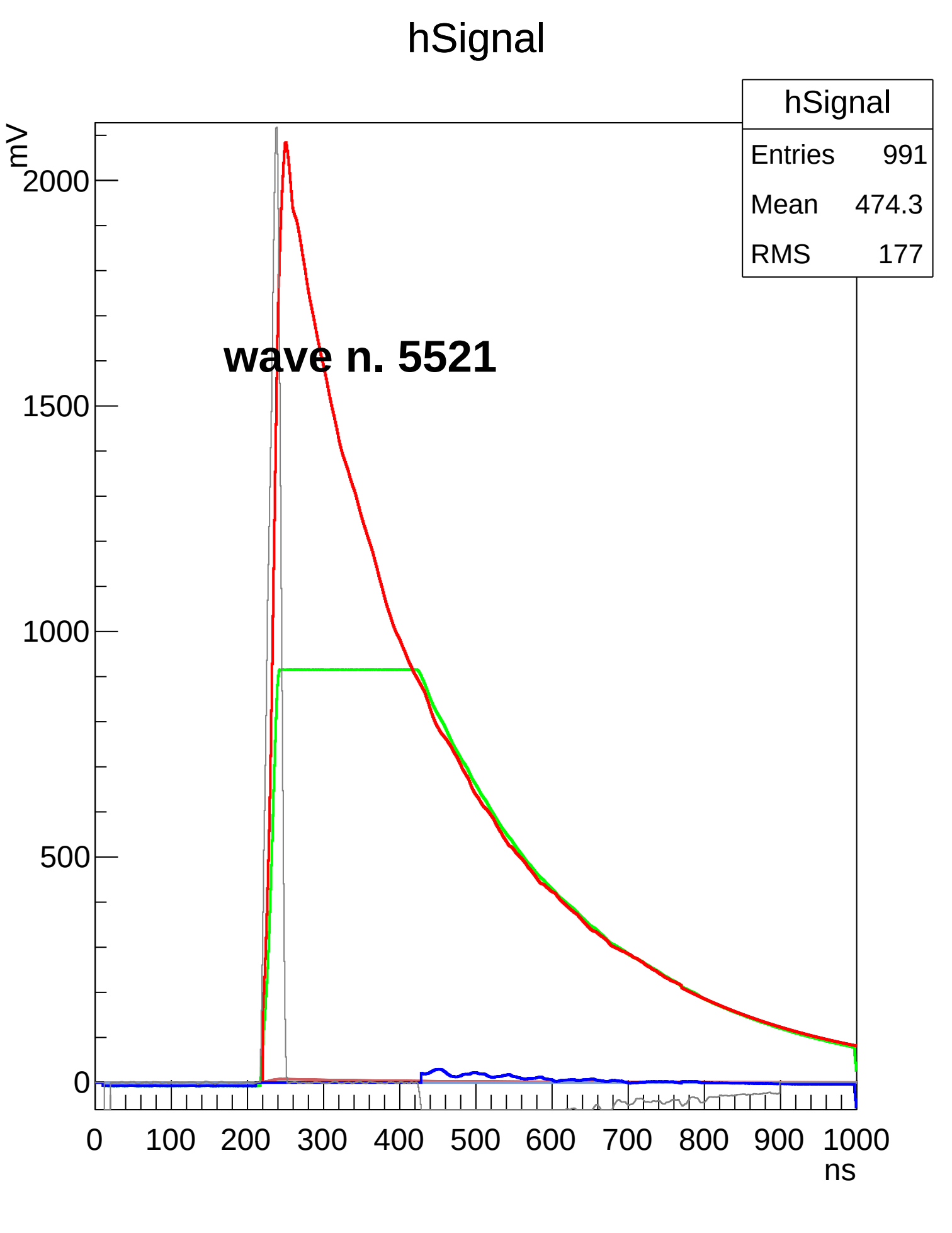
hSignal
hSignal
Entries 991
Mean 474.3
RMS 177
wave n. 5521
mV
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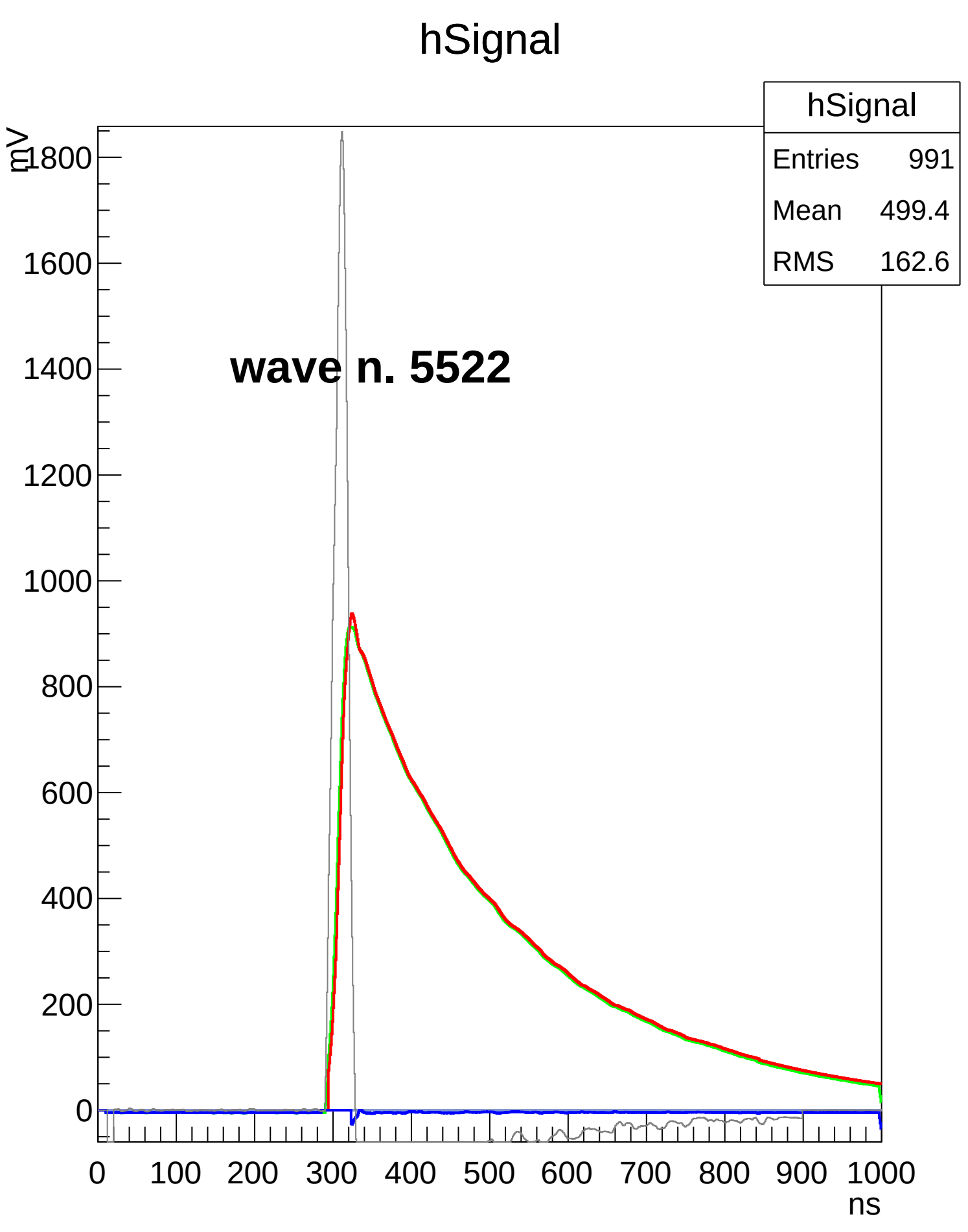
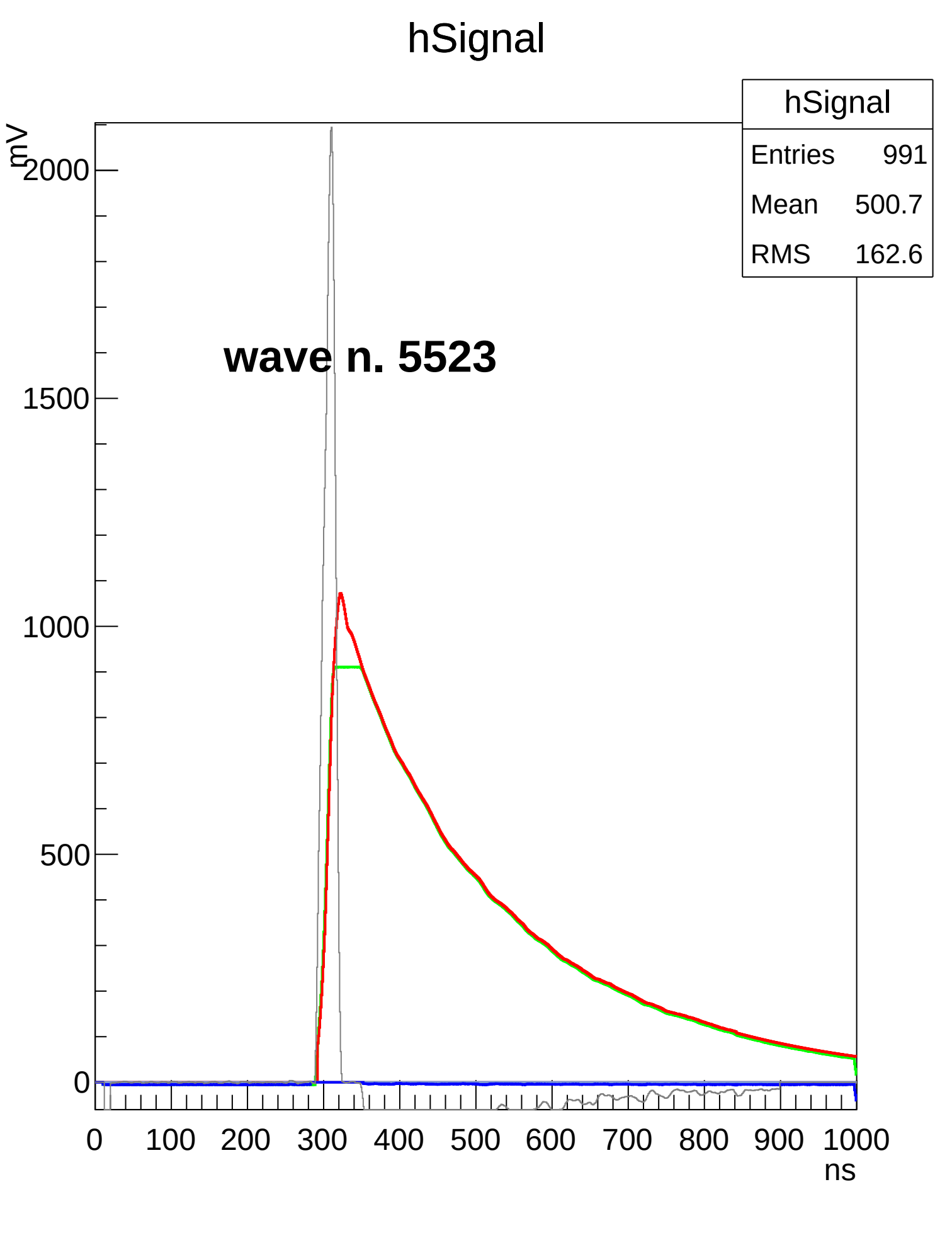
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.4
RMS 162.6
wave n. 5522
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 500.7
RMS 162.6
wave n. 5523
mV
2000
1500
1000
500
0
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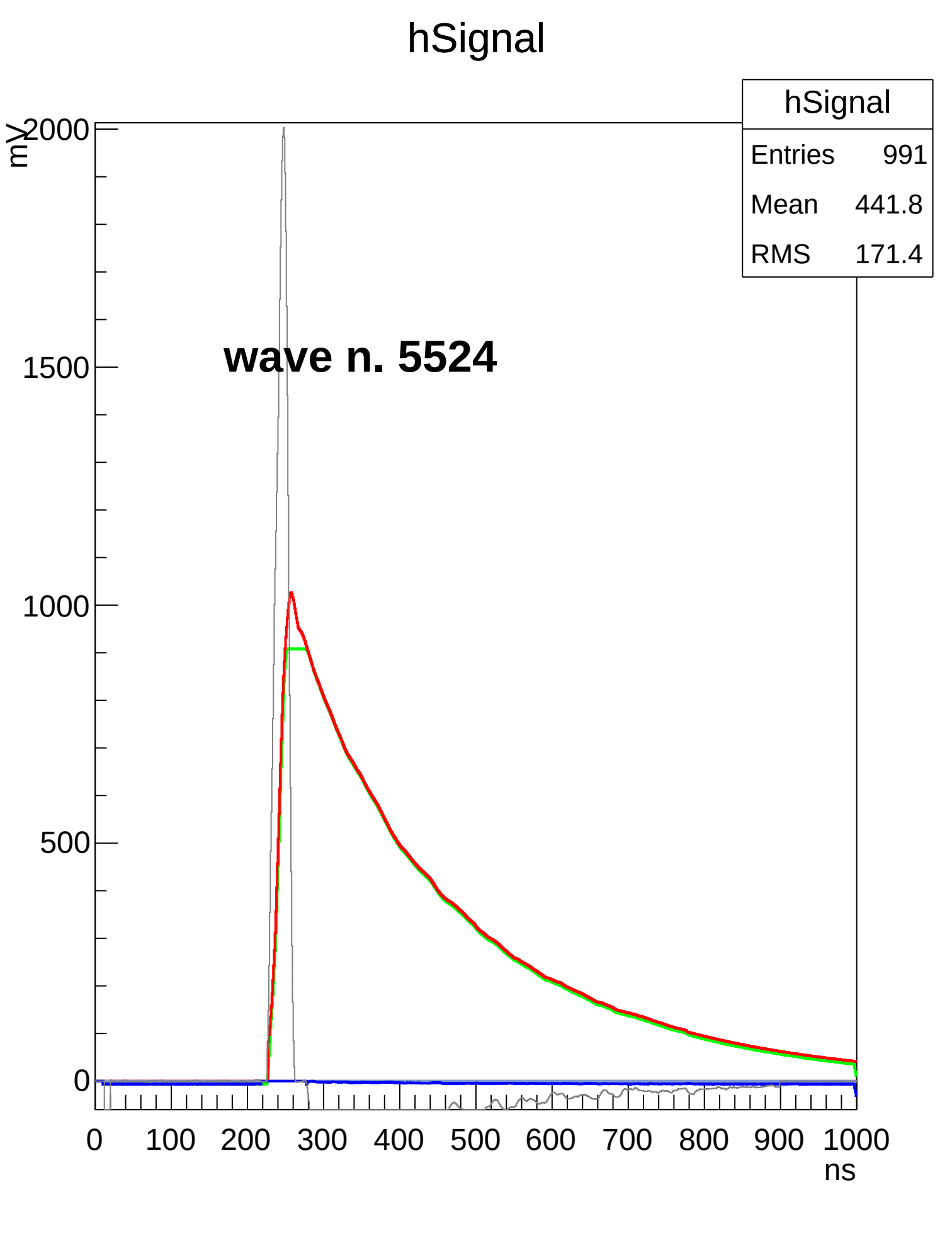
ns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hSignal
Entries 991
Mean 441.8
RMS 171.4
wave n. 5524
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0
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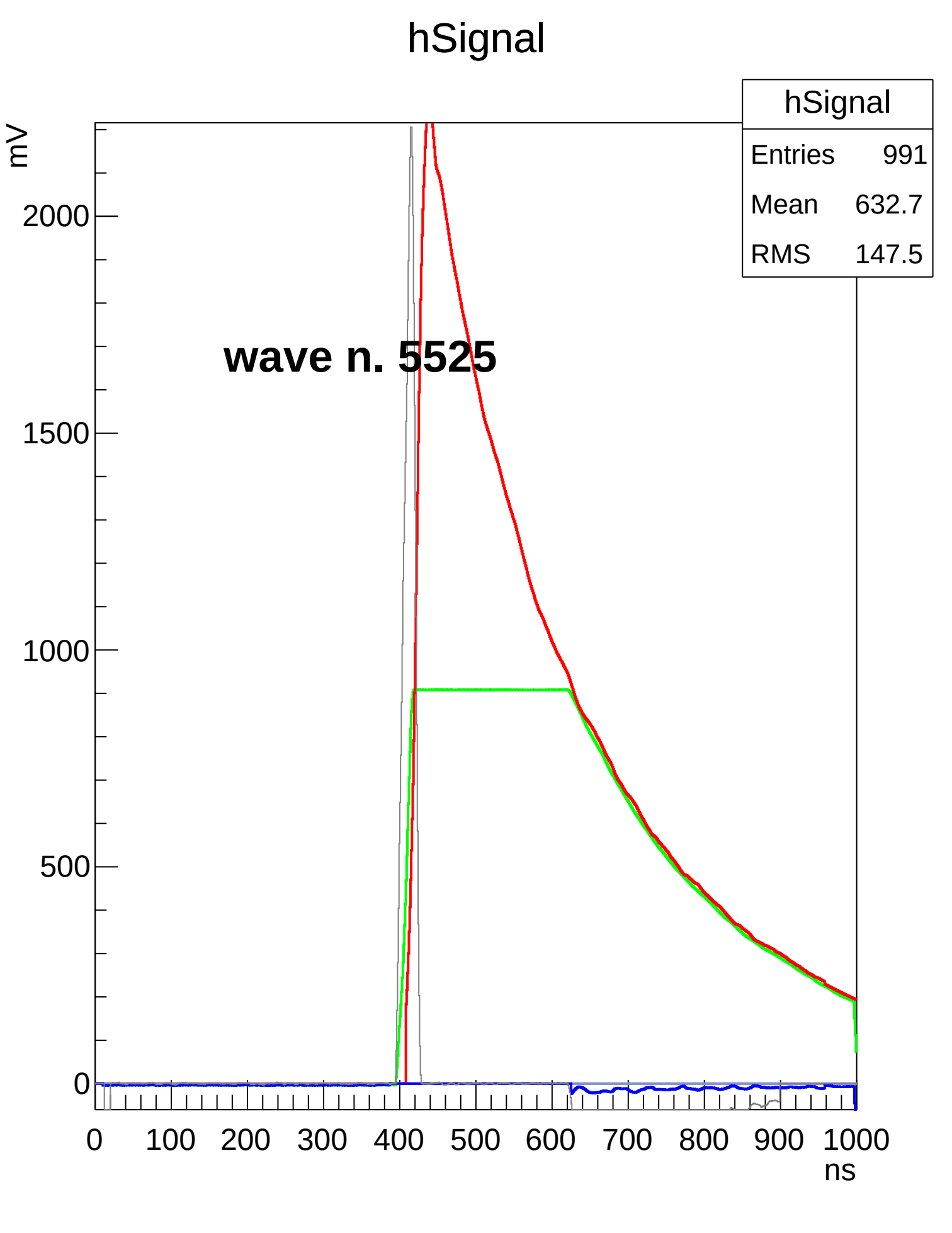
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 632.7
RMS 147.5
wave n. 5525
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1000
500
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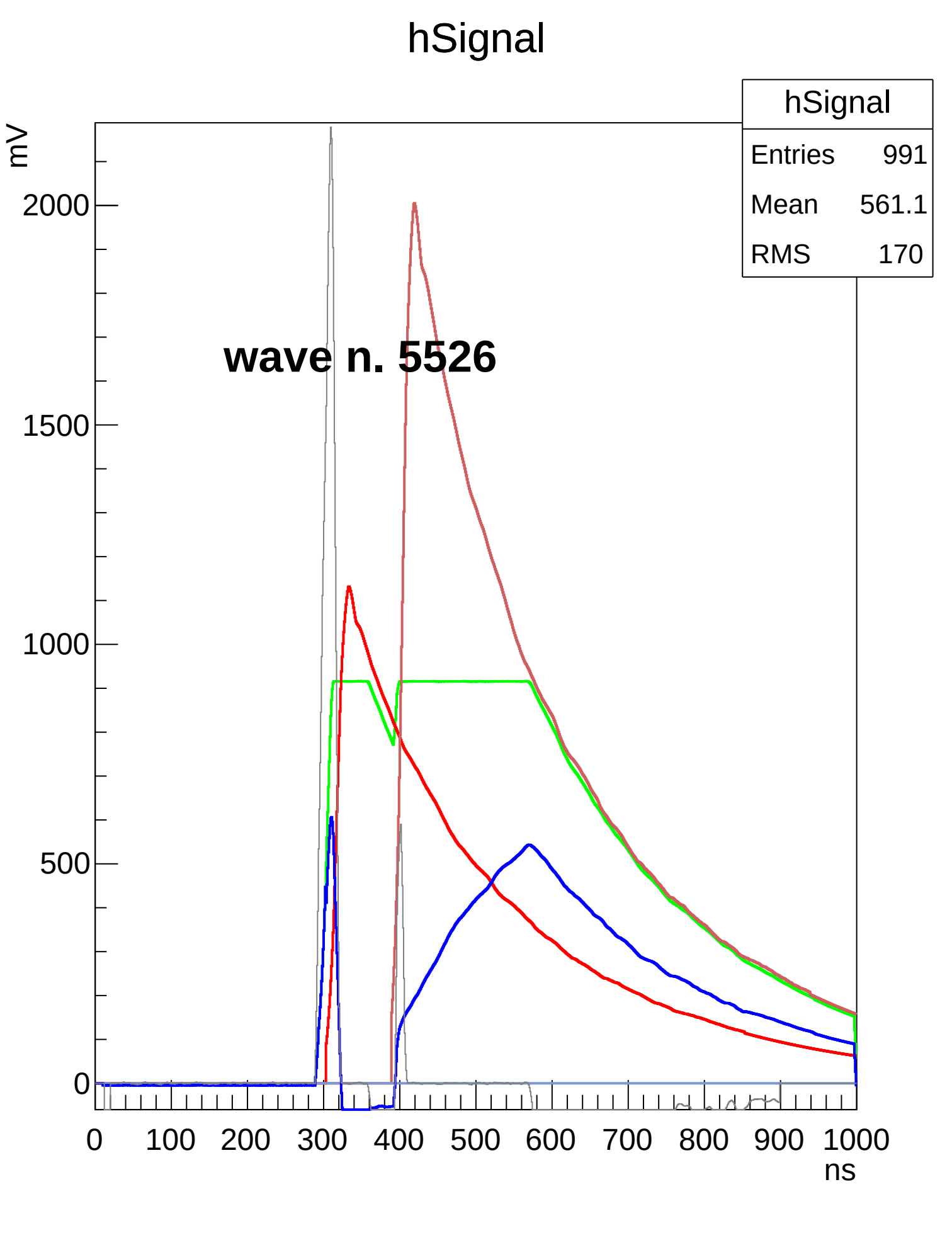
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 561.1
RMS 170
wave n. 5526
mV
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1500
1000
500
0
0
100
200
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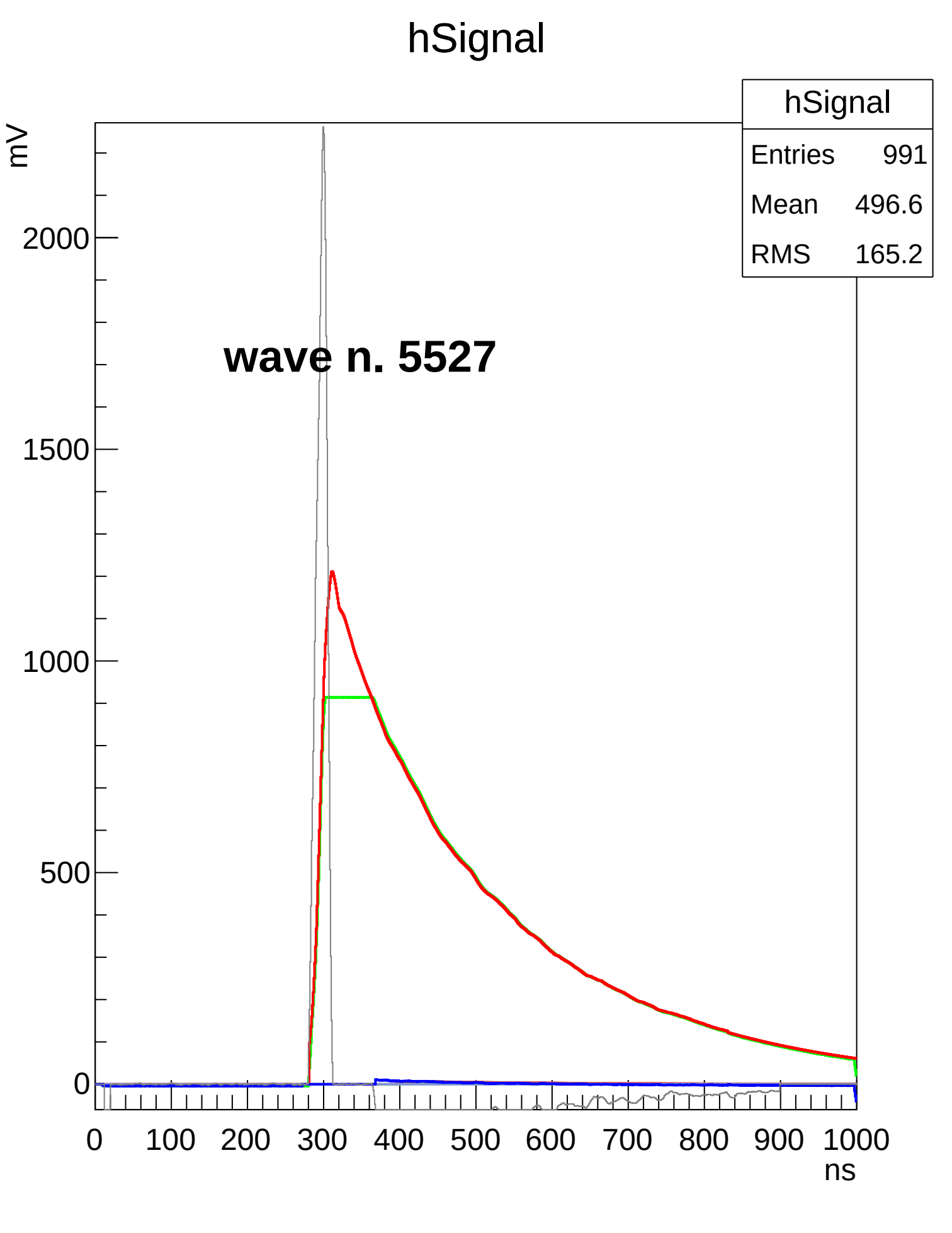
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 496.6
RMS 165.2
wave n. 5527
mV
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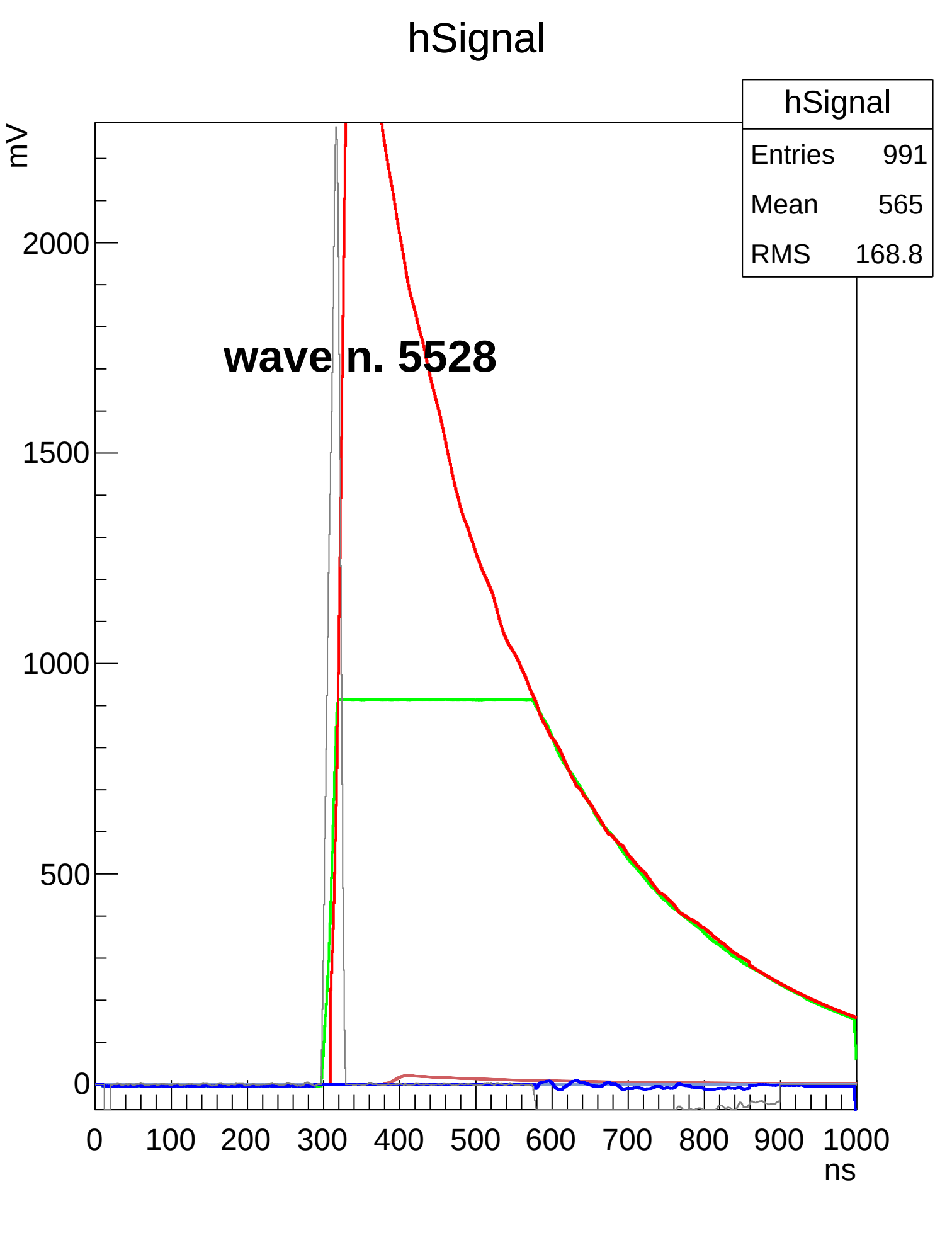
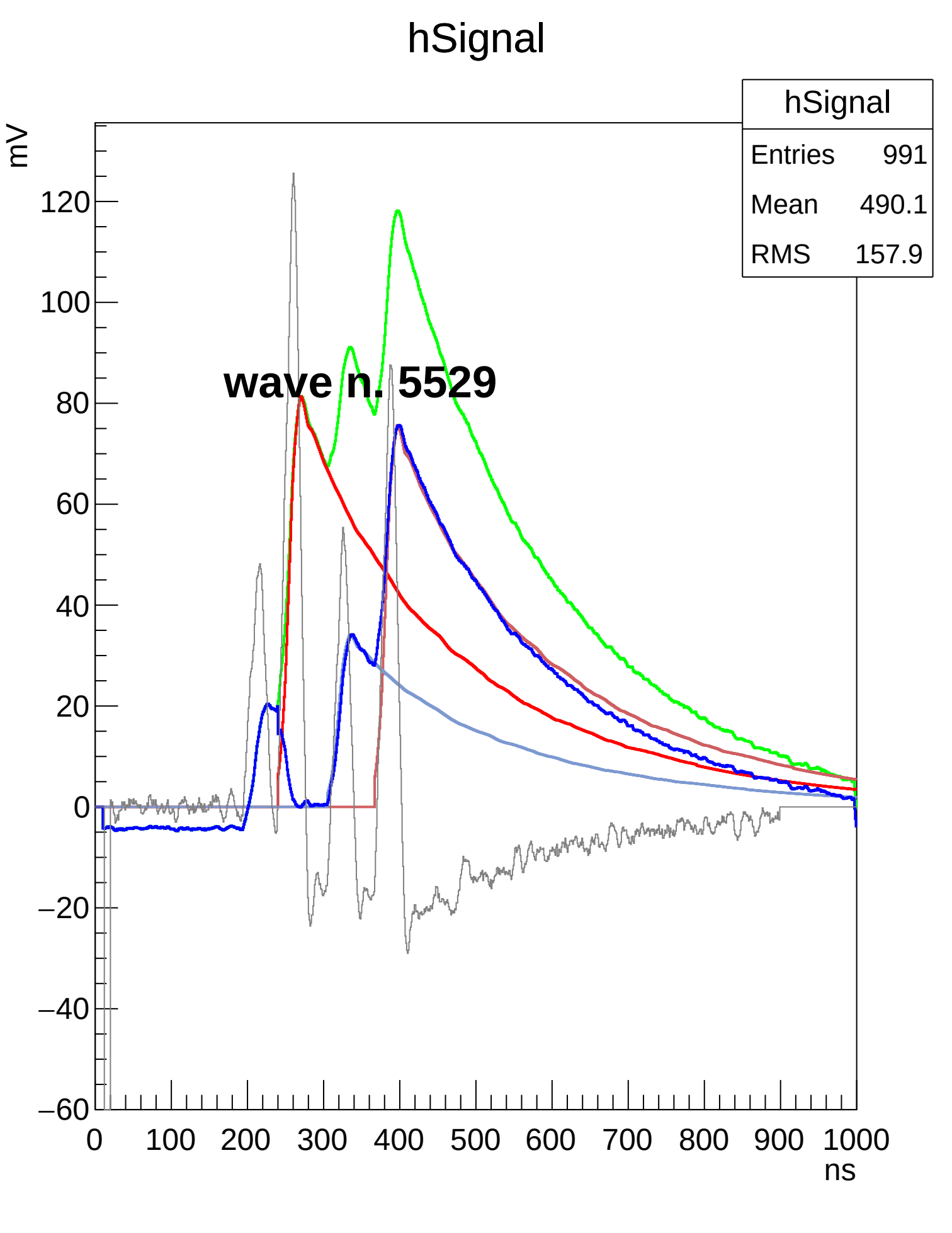
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565
RMS 168.8
wave n. 5528
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 490.1
RMS 157.9
wave n. 5529
mV
120
100
80
60
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−20
−40
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0
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200
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400
500
600
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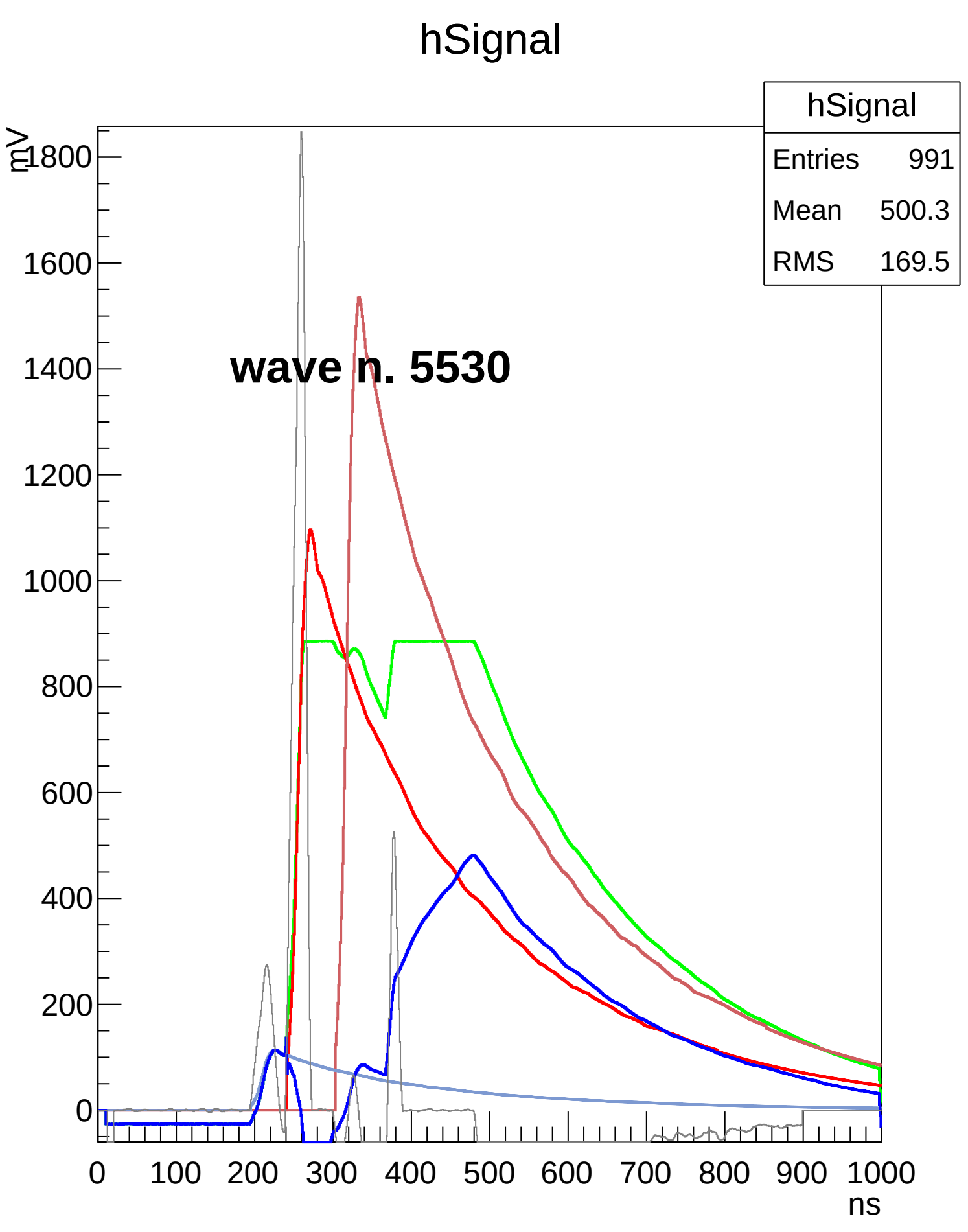
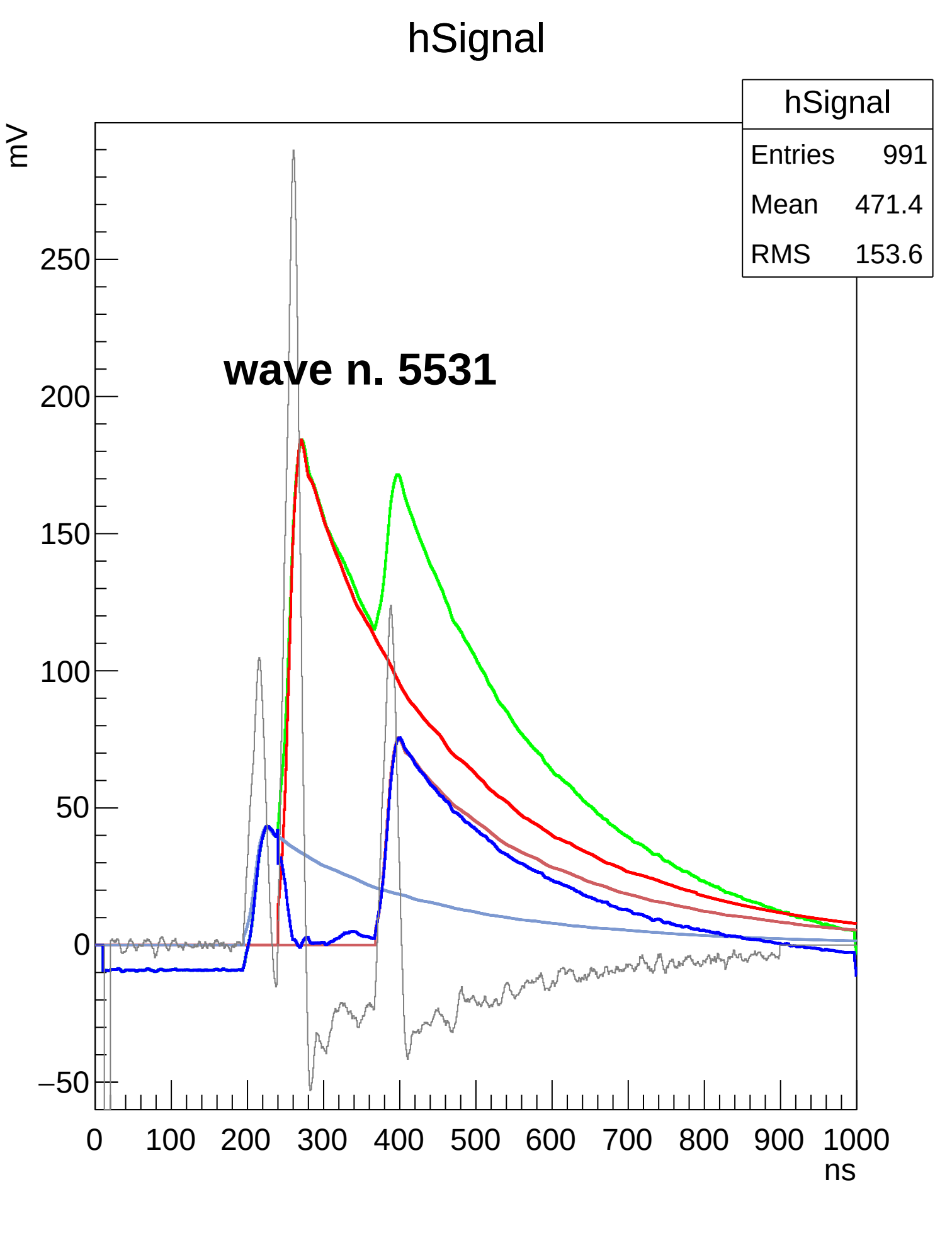
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 500.3
RMS 169.5
wave n. 5530
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 471.4
RMS 153.6
wave n. 5531
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250
200
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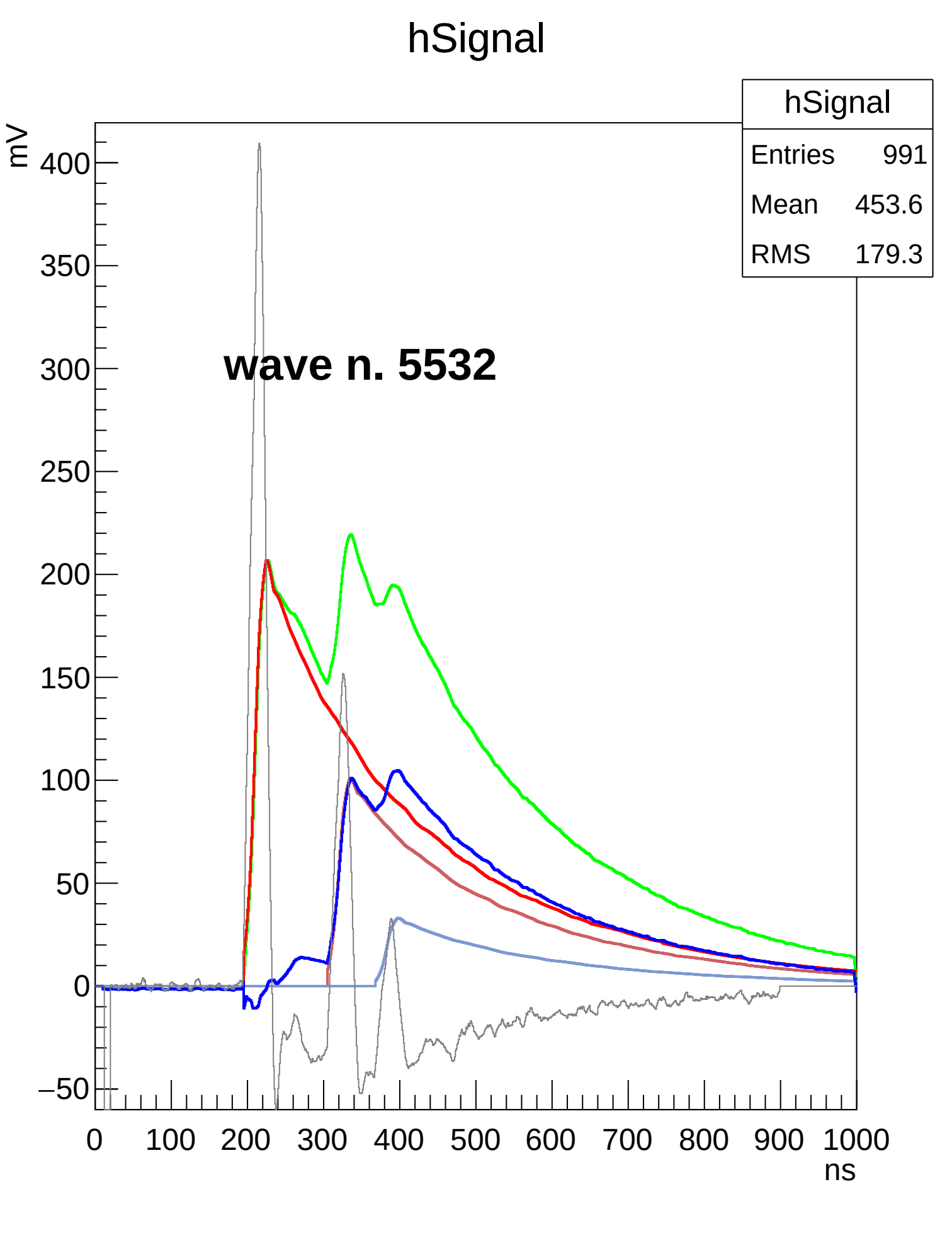
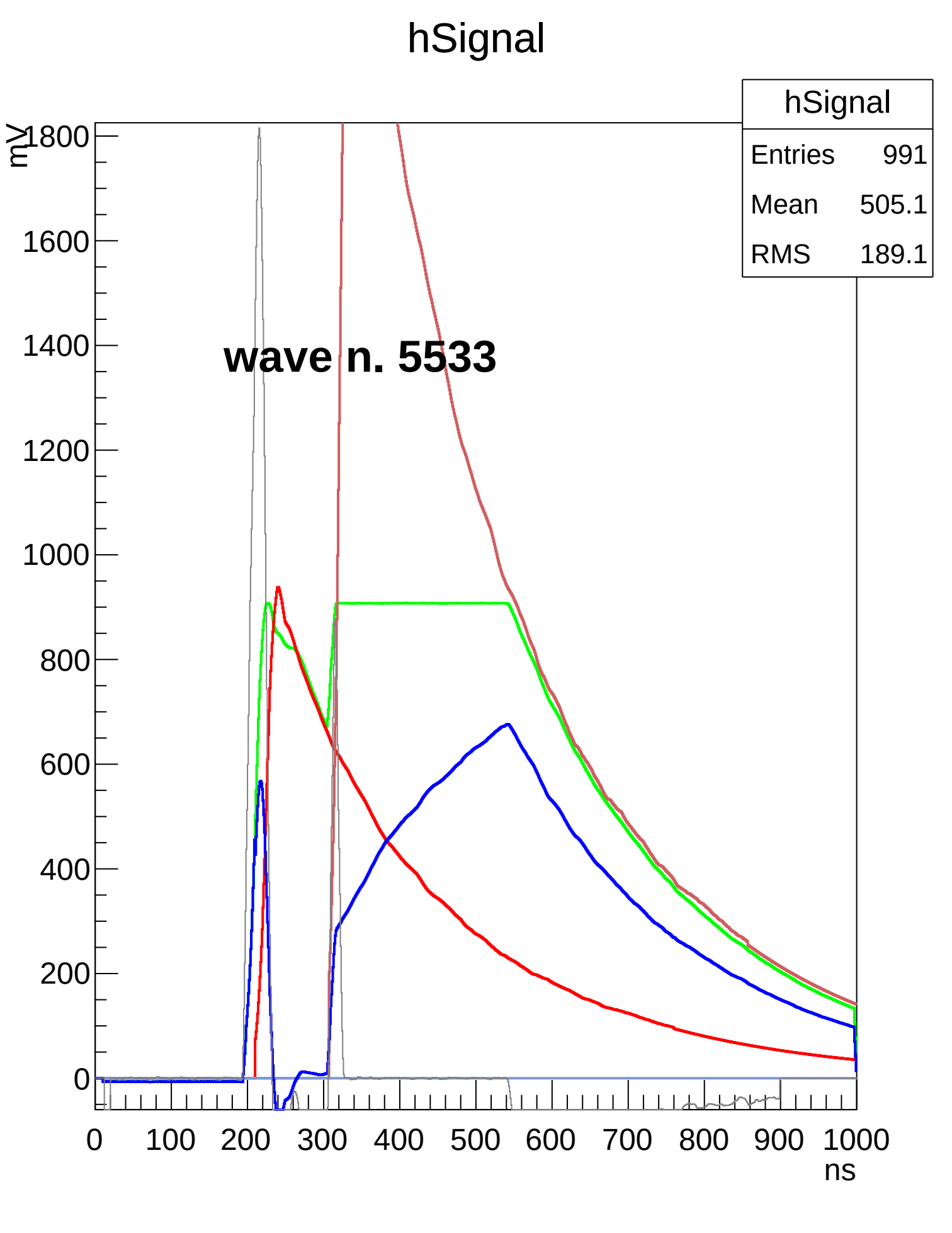
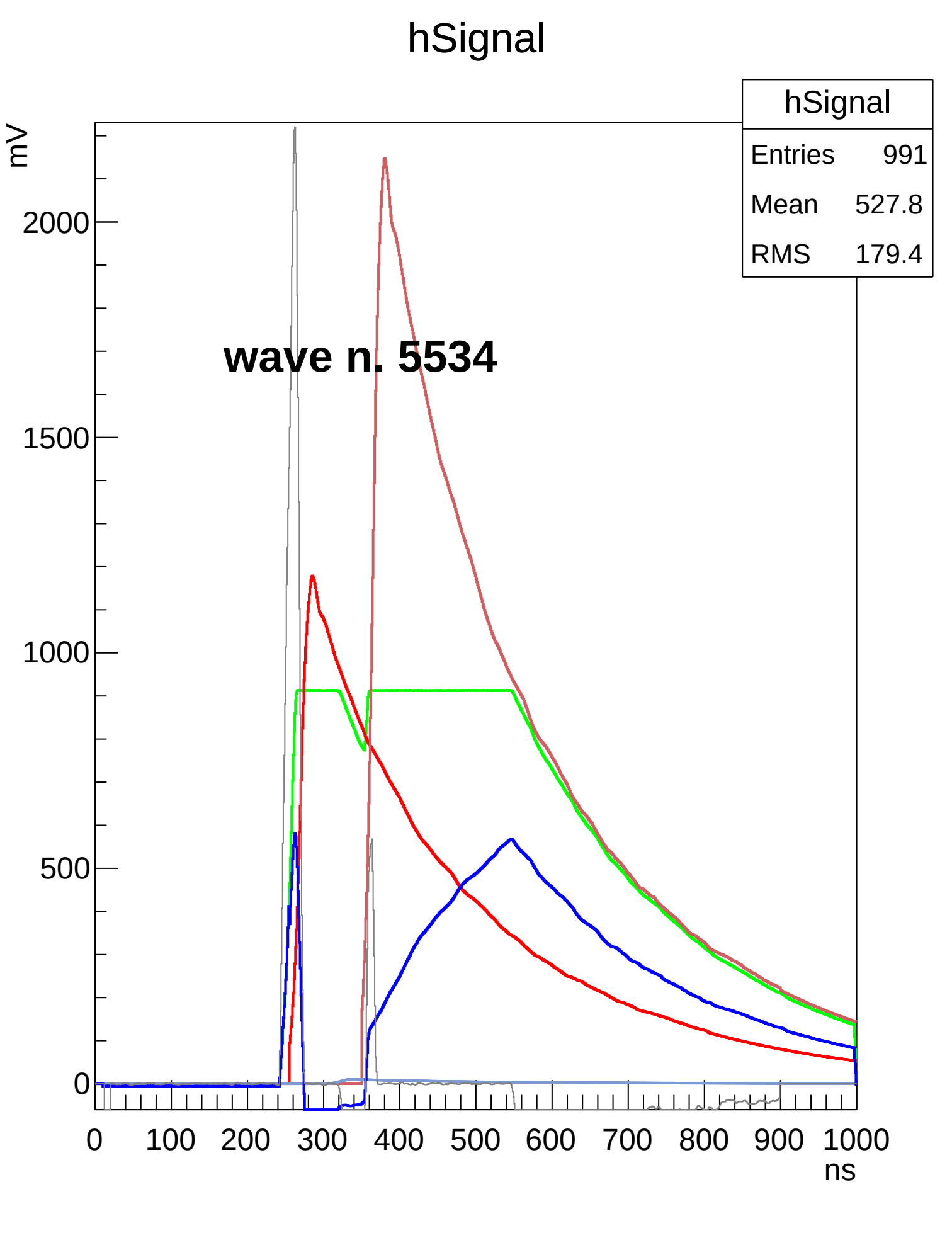
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 453.6
RMS 179.3
wave n. 5532
mV
400
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505.1
RMS 189.1
wave n. 5533
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 527.8
RMS 179.4
wave n. 5534
mV
2000
1500
1000
500
0
0
100
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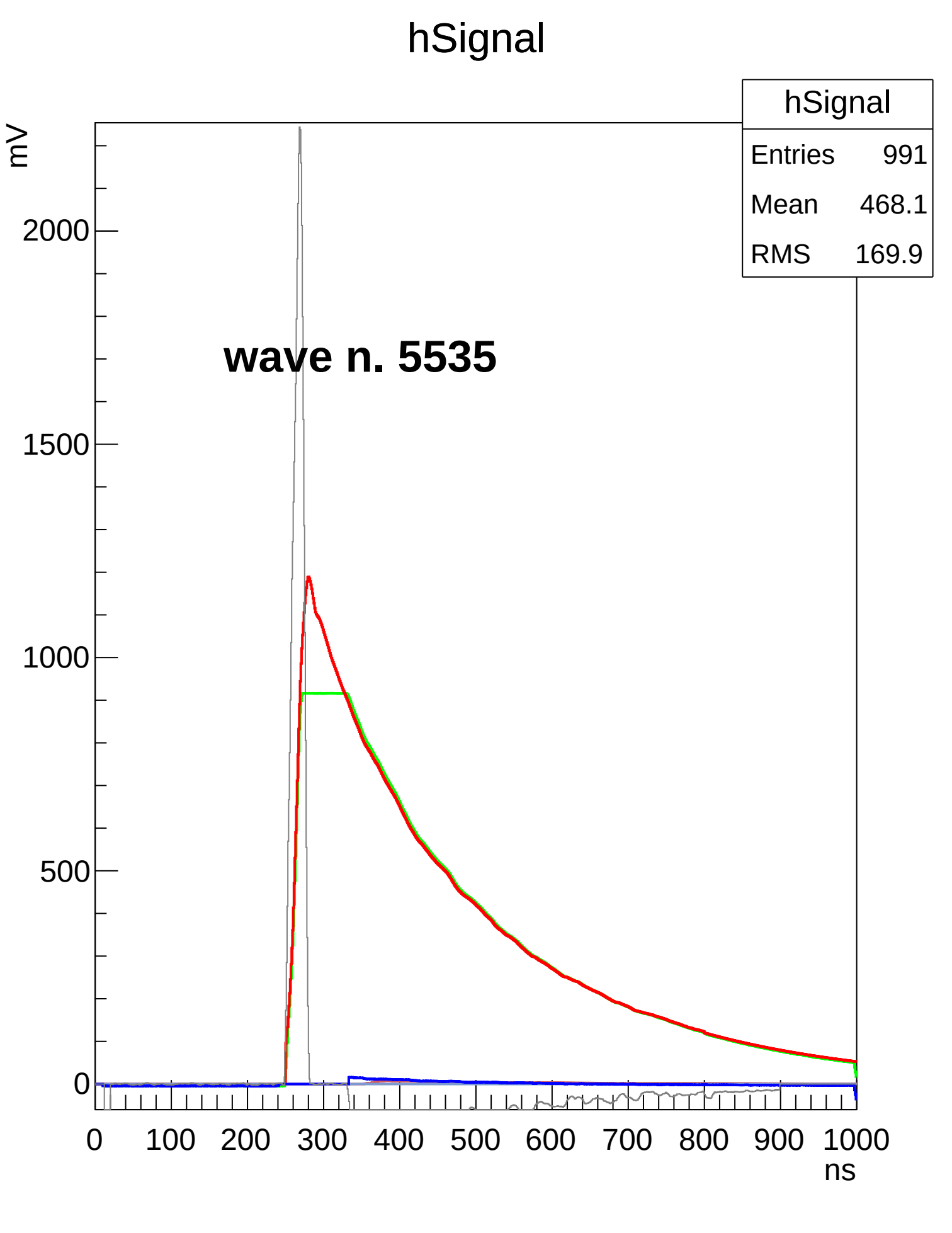
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 468.1
RMS 169.9
wave n. 5535
mV
2000
1500
1000
500
0
0
100
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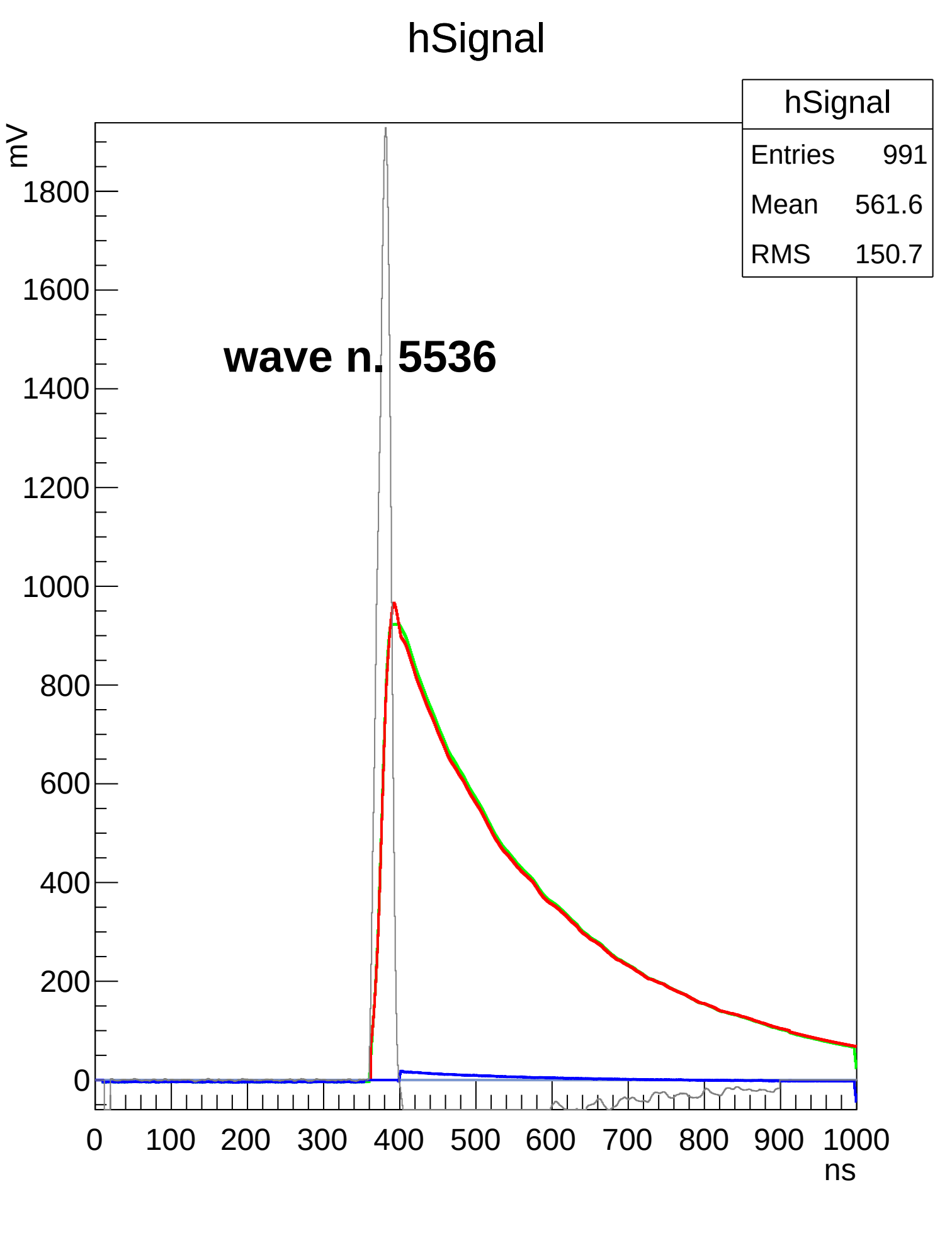
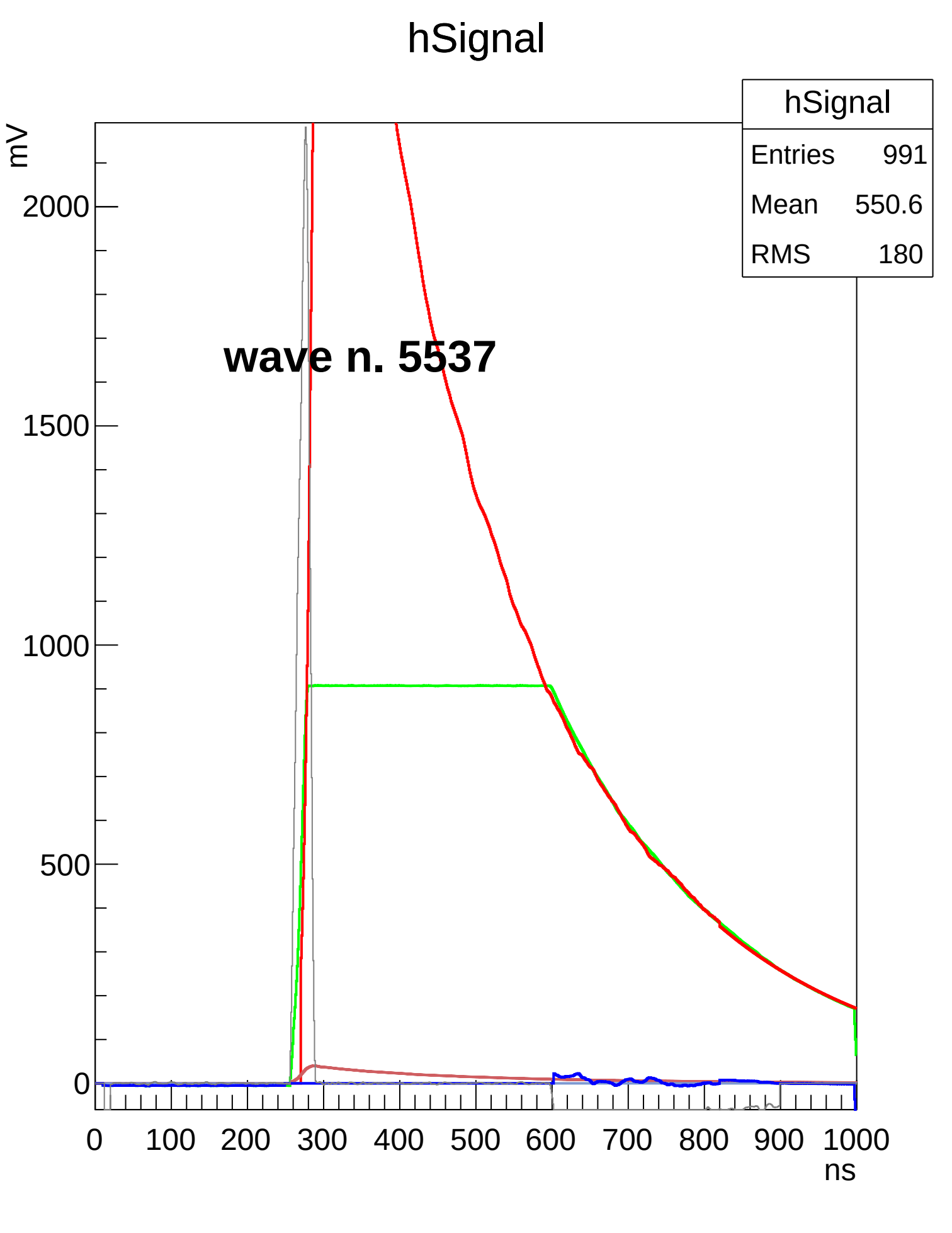
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.6
RMS 150.7
wave n. 5536
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.6
RMS 180
wave n. 5537
mV
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1500
1000
500
0
0
100
200
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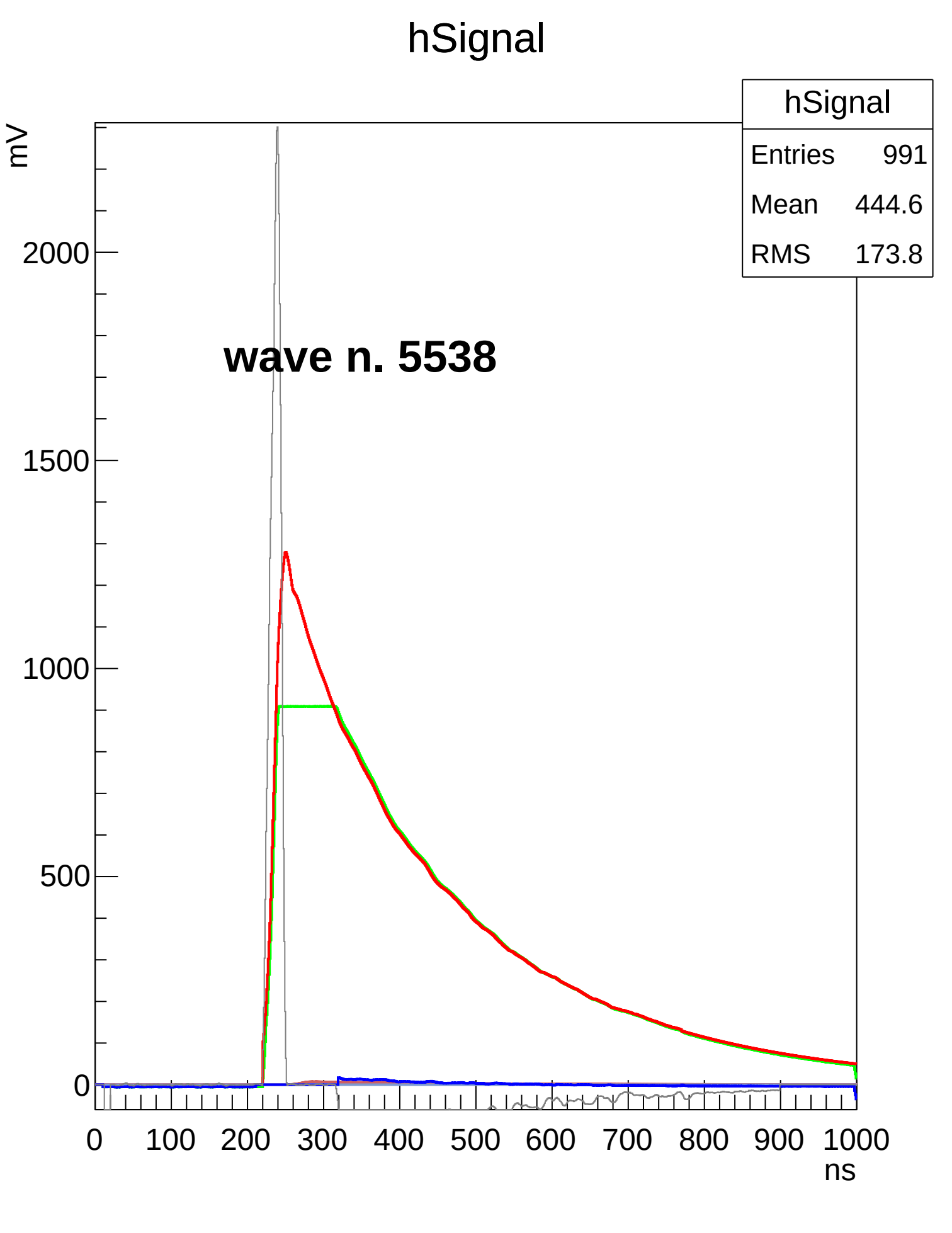
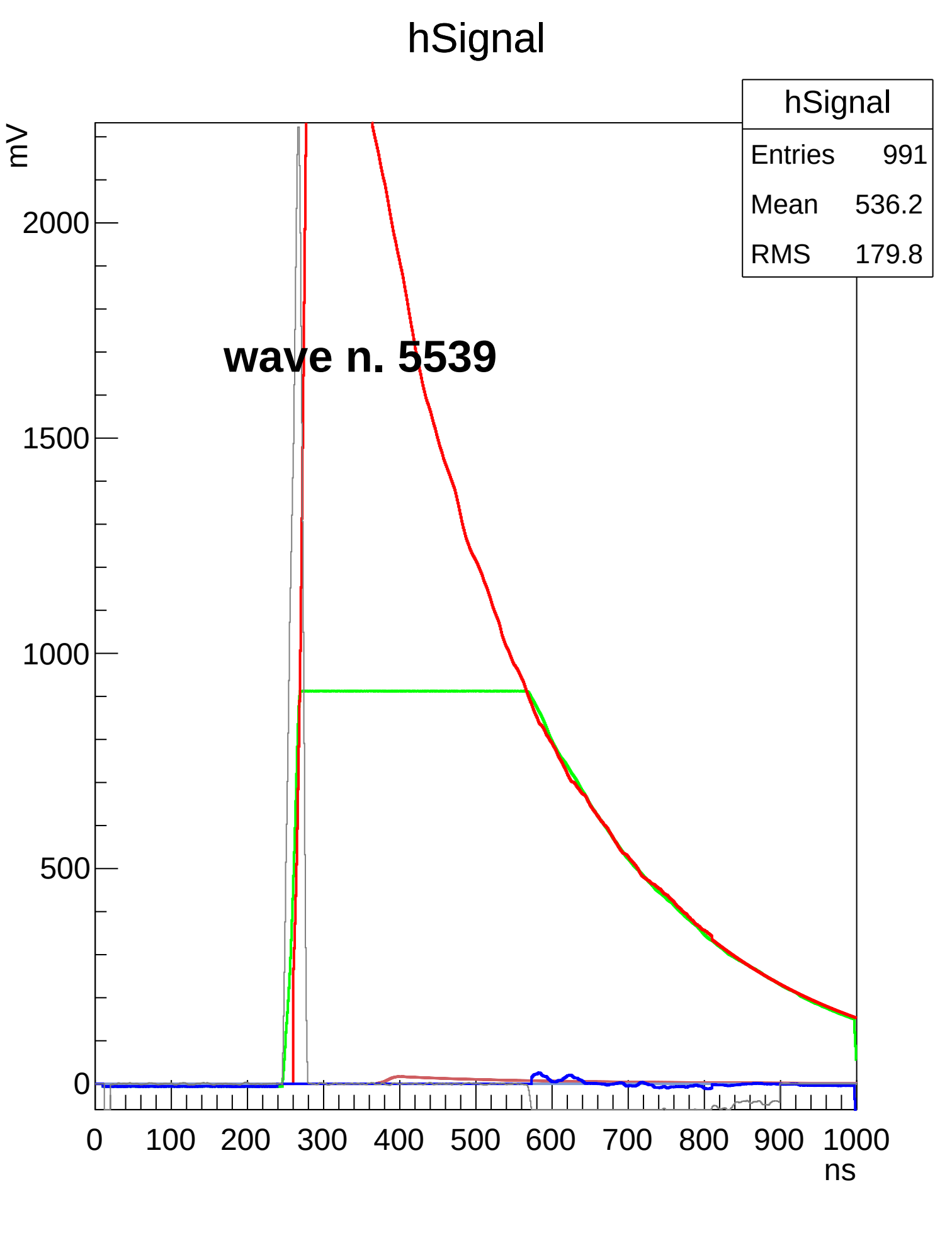
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 444.6
RMS 173.8
wave n. 5538
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 536.2
RMS 179.8
wave n. 5539
mV
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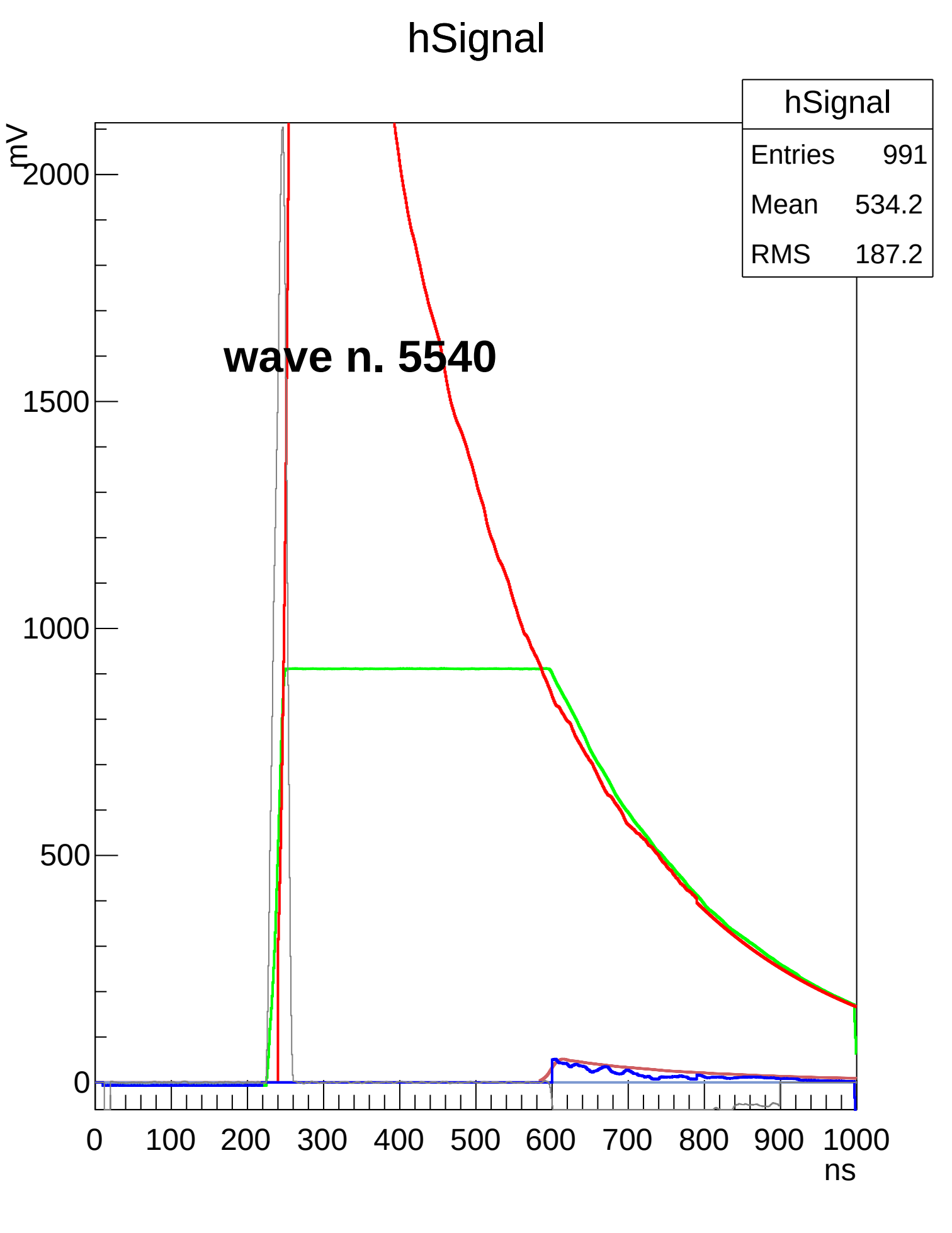
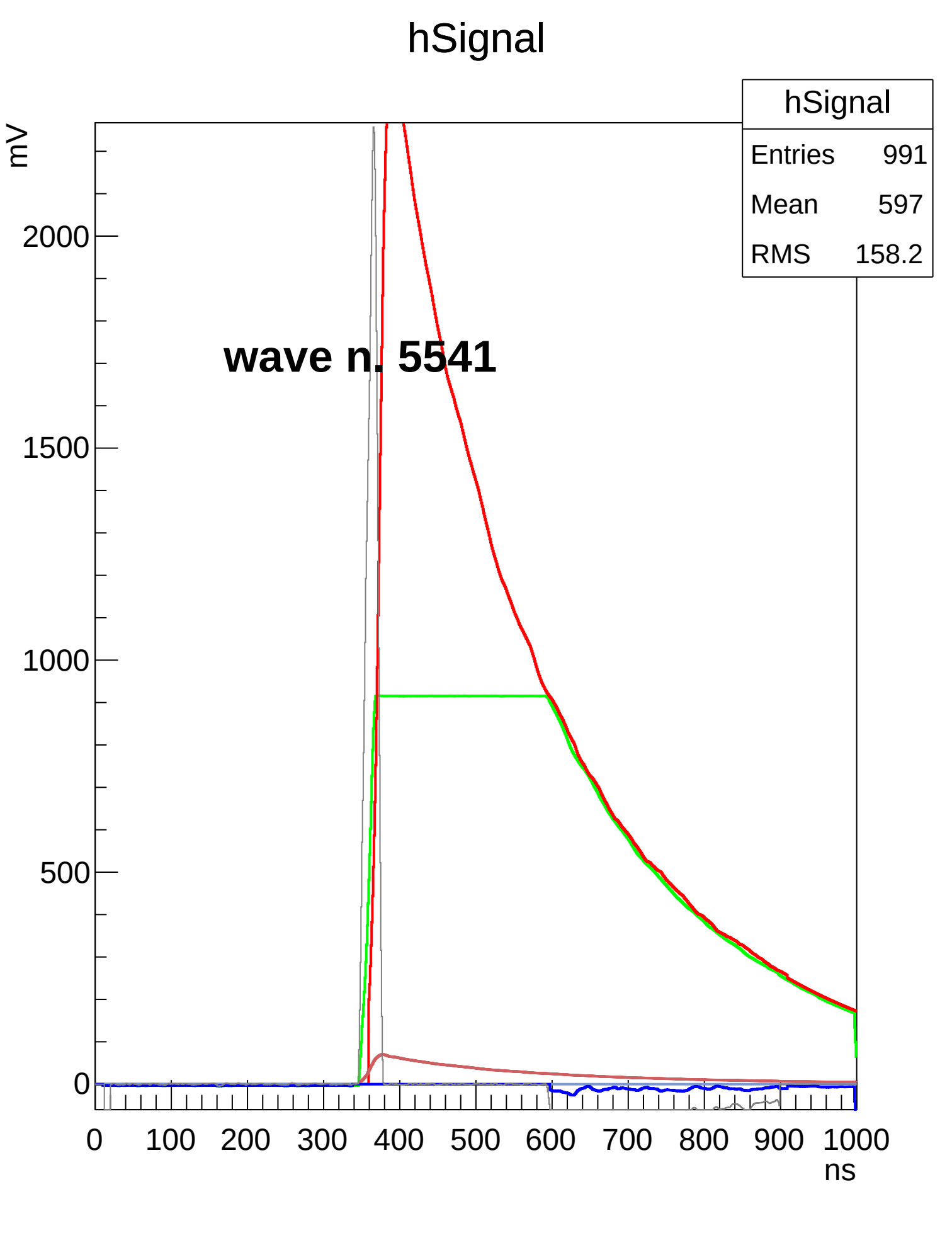
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.2
RMS 187.2
wave n. 5540
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 597
RMS 158.2
wave n. 5541
mV
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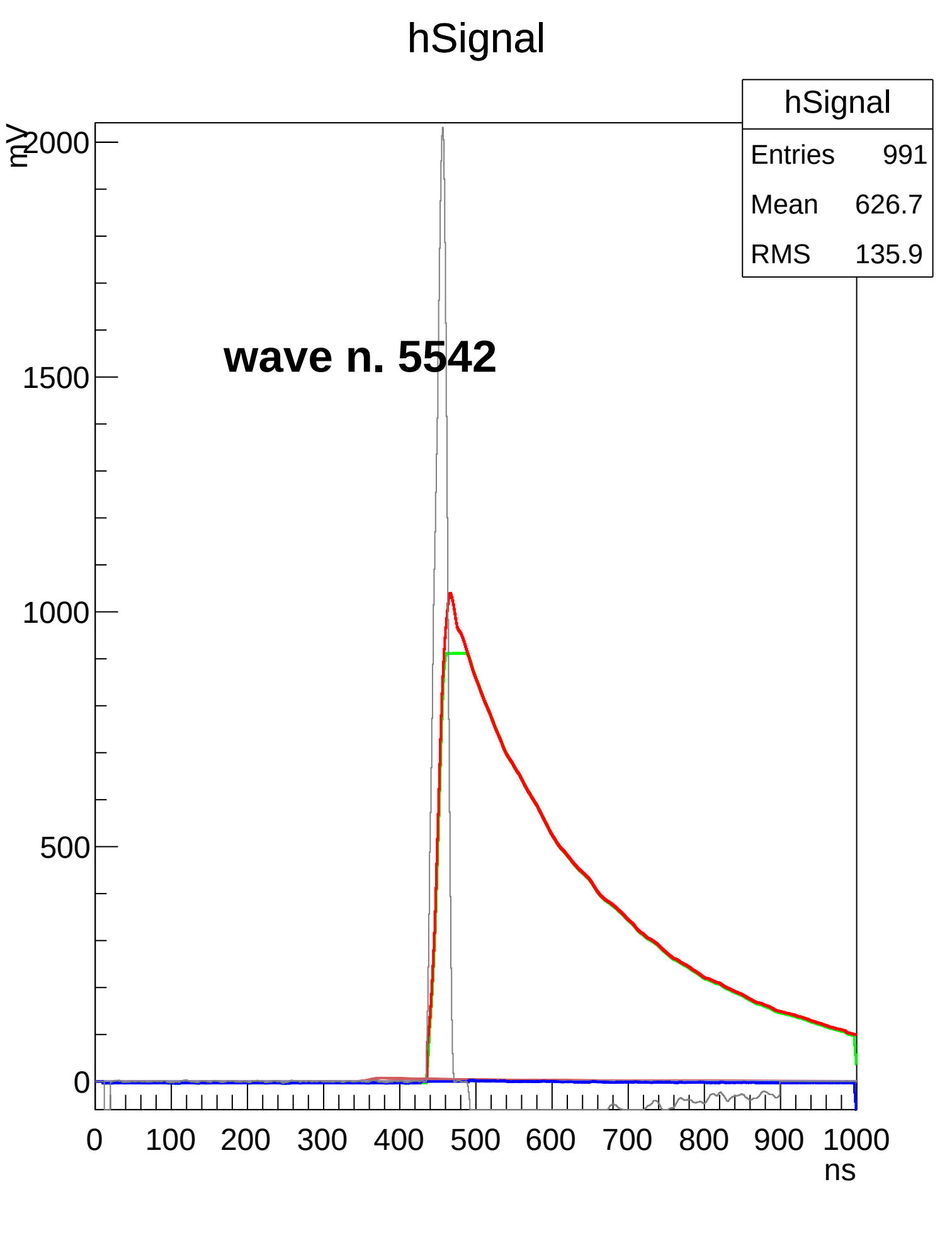
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 626.7
RMS 135.9
wave n. 5542
mV
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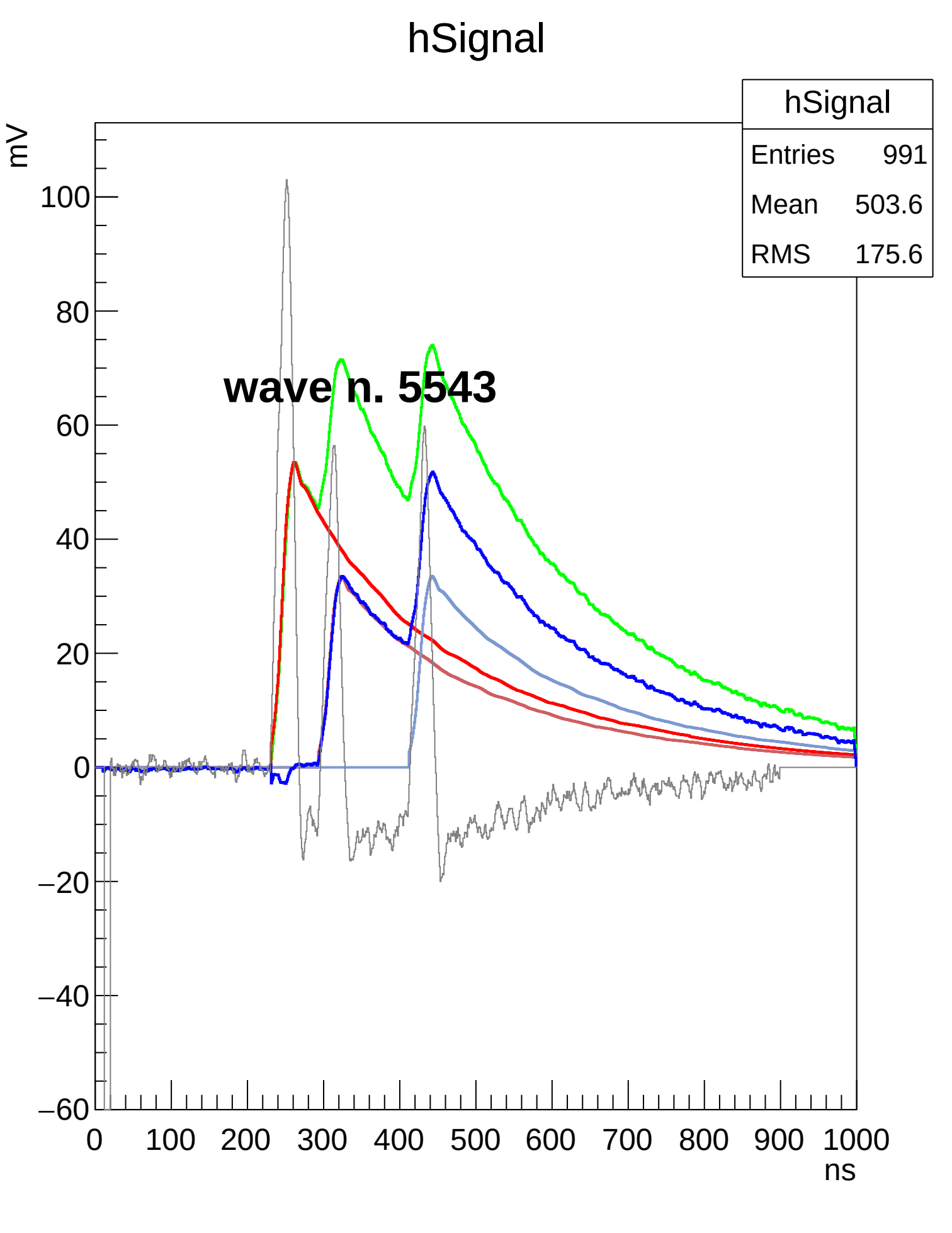
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.6
RMS 175.6
wave n. 5543
mV
100
80
60
40
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−20
−40
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0
100
200
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400
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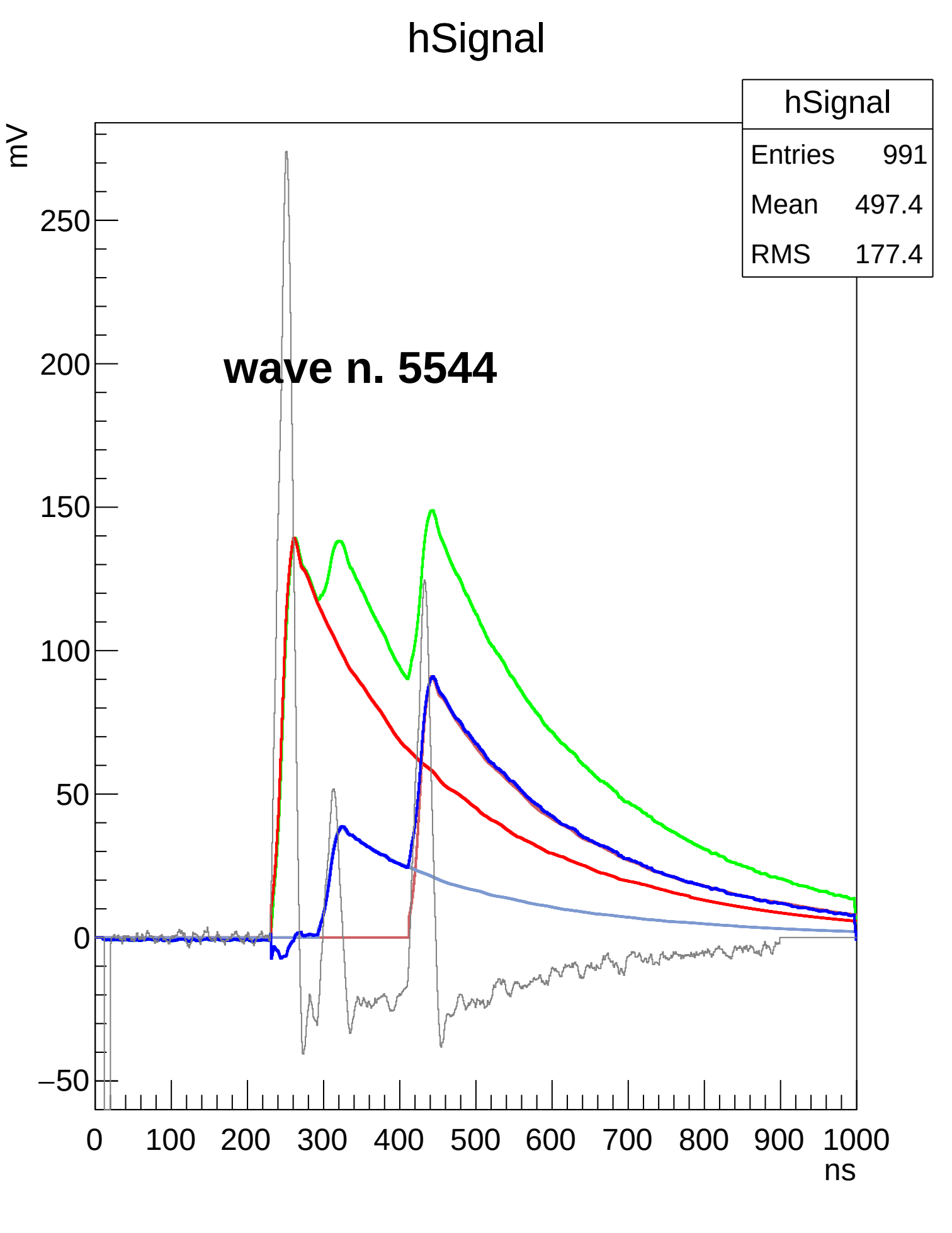
1000
ns


hSignal
hSignal
Entries 991
Mean 497.4
RMS 177.4
wave n. 5544
mV
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200
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100
50
0
−50
0
100
200
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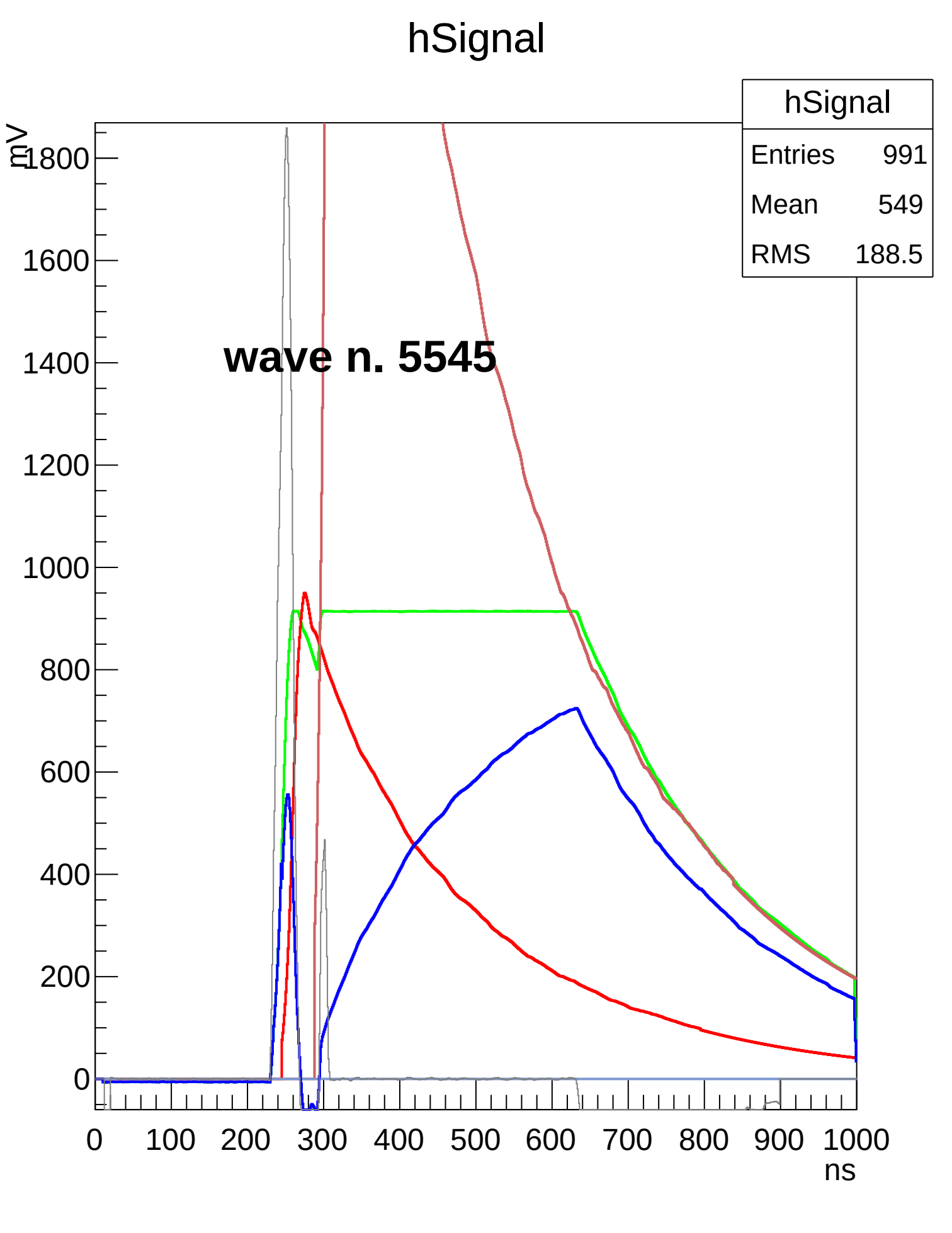
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 549
RMS 188.5
wave n. 5545
mV
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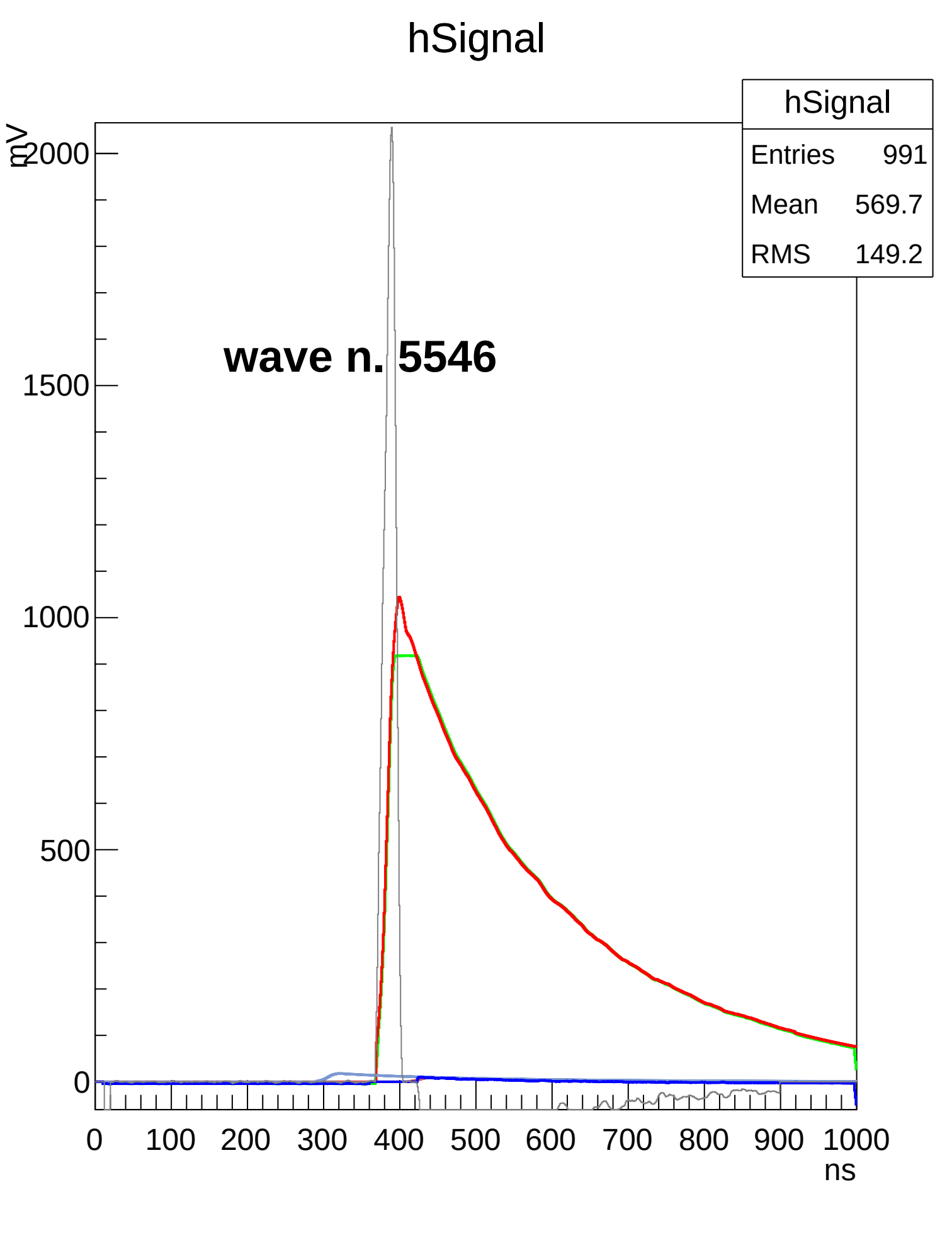
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 569.7
RMS 149.2
wave n. 5546
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1000
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0
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400
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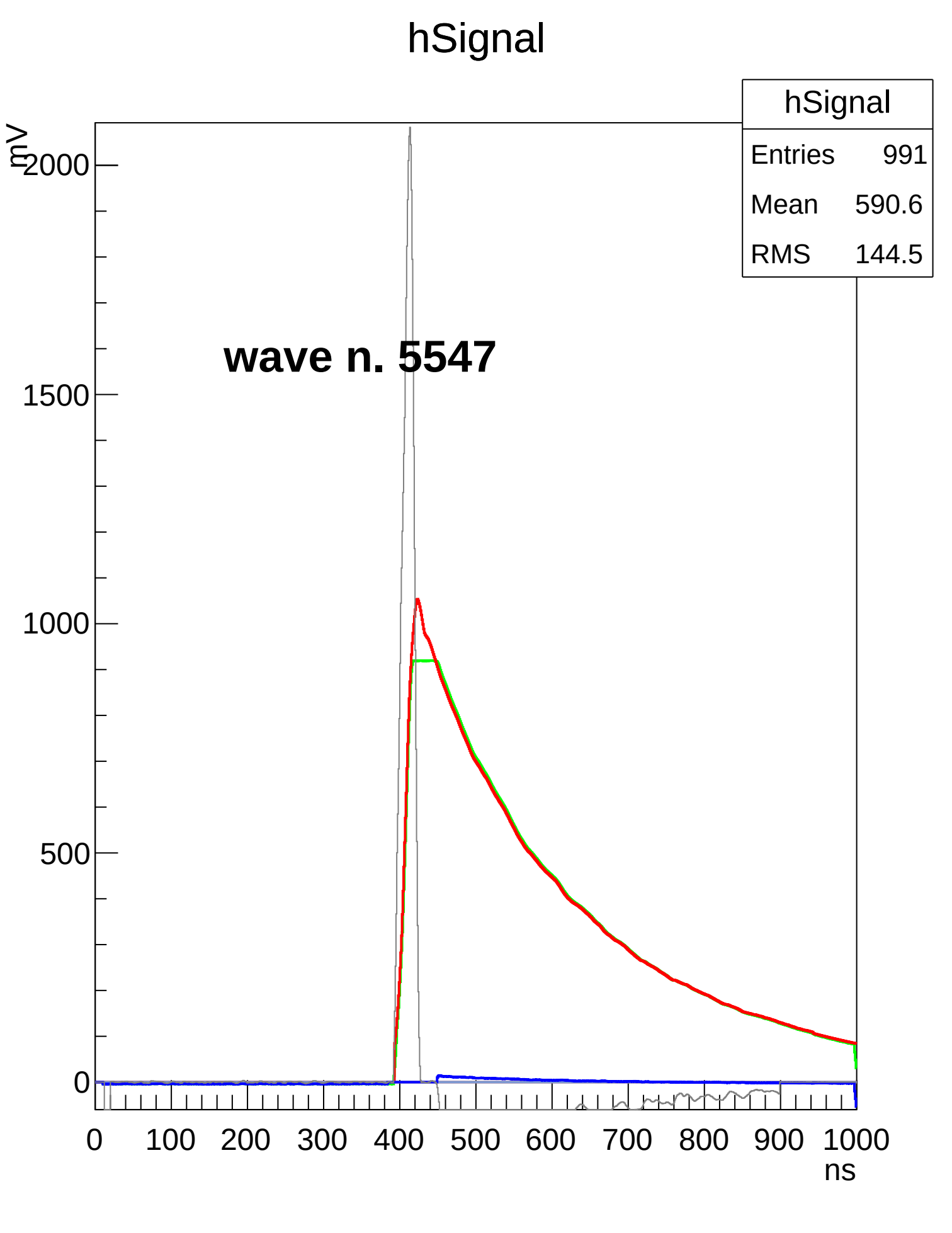
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 590.6
RMS 144.5
wave n. 5547
mV
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1500
1000
500
0
0
100
200
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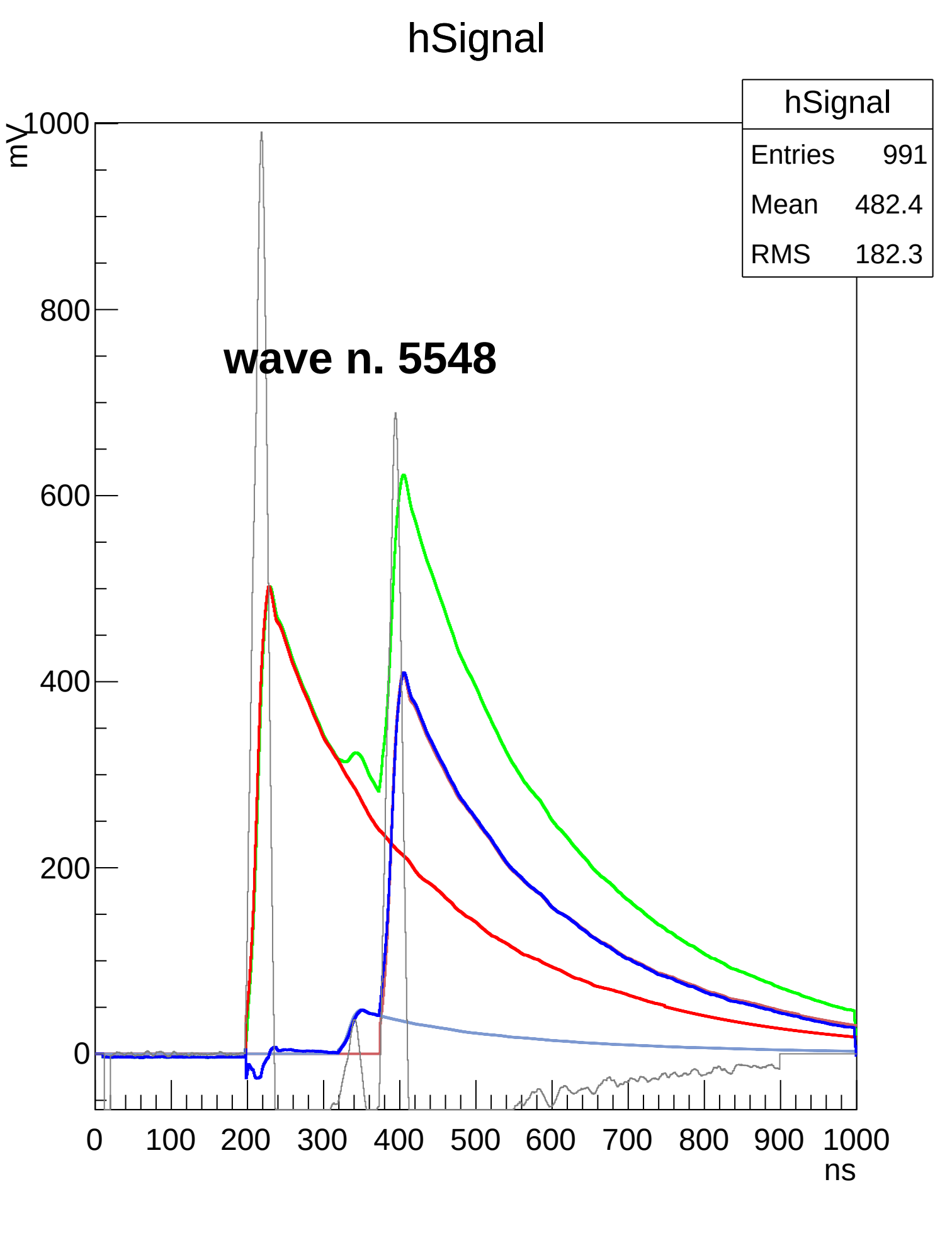
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 482.4
RMS 182.3
wave n. 5548
mV
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600
400
200
0
0
100
200
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400
500
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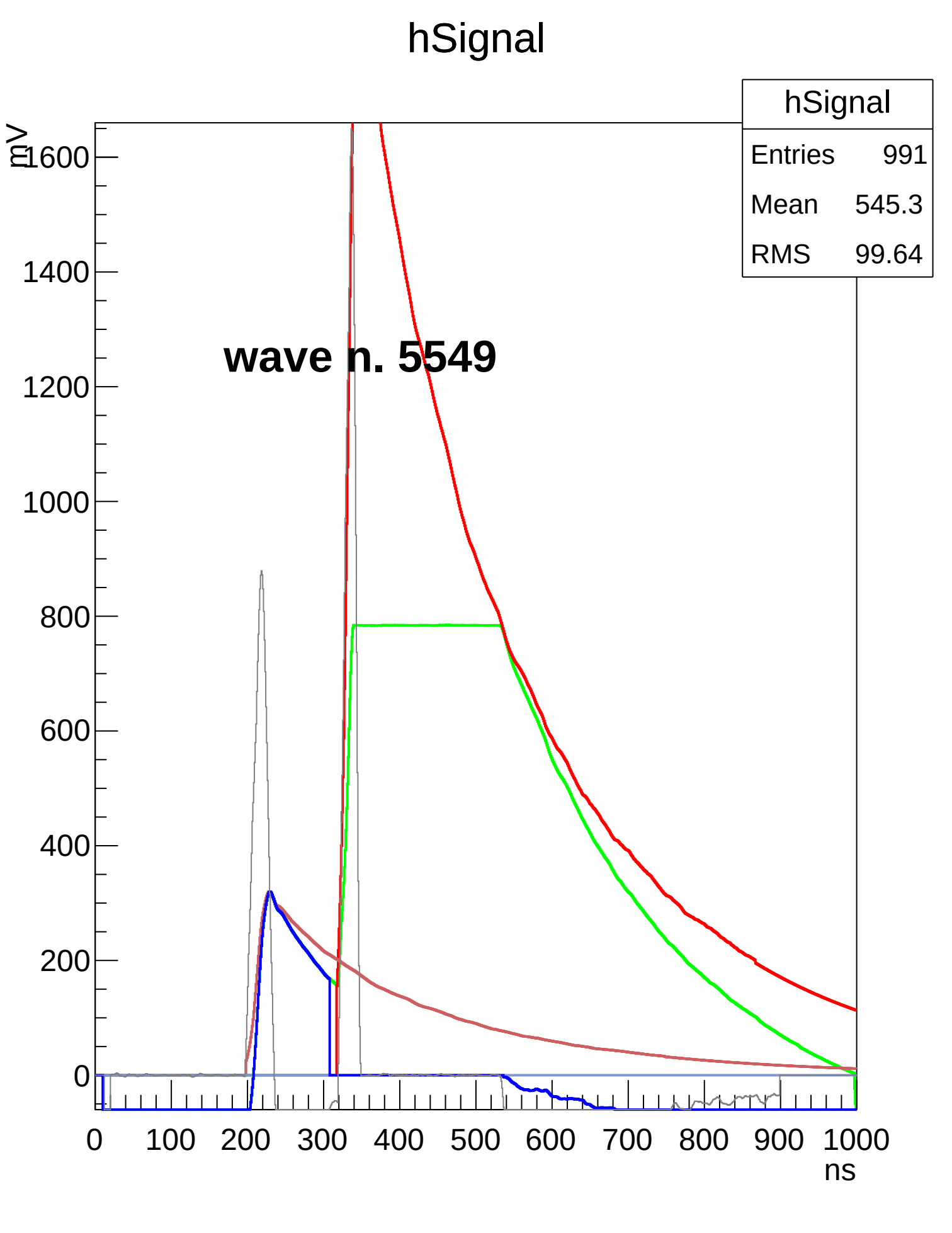
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 545.3
RMS 99.64
wave n. 5549
mV
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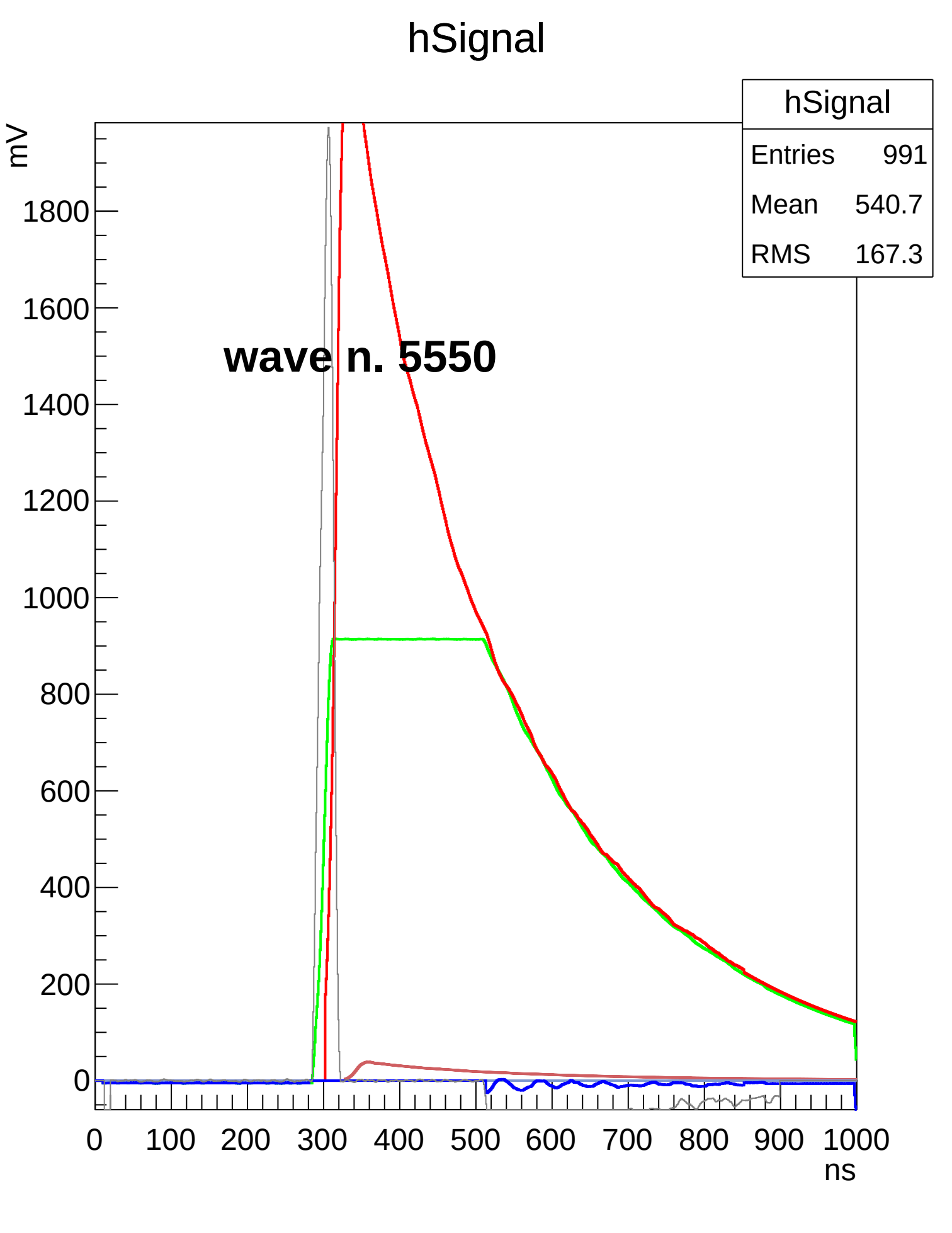
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 540.7
RMS 167.3
wave n. 5550
mV
1800
1600
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1200
1000
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600
400
200
0
0
100
200
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400
500
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700
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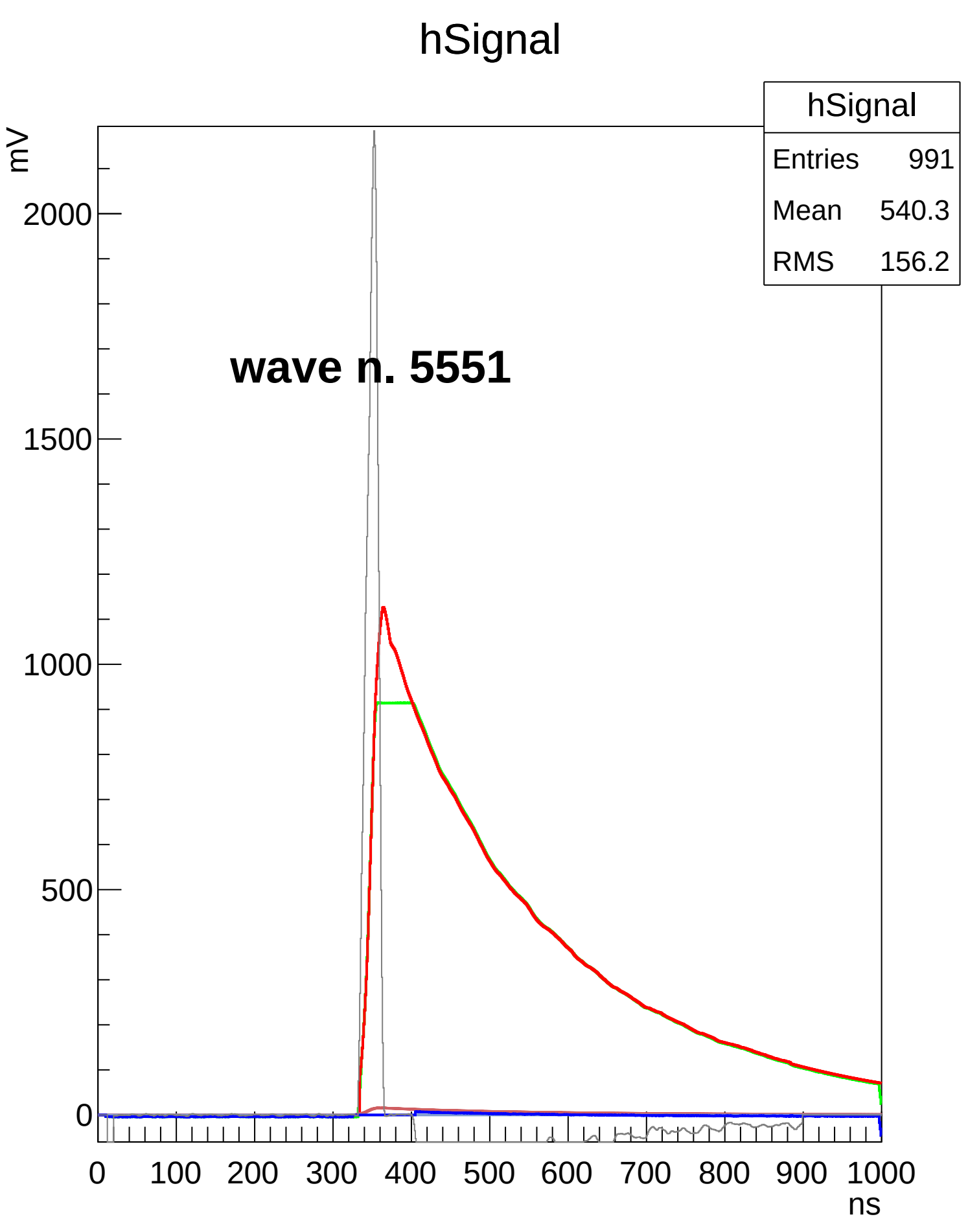
1000
ns


hSignal
hSignal
Entries 991
Mean 540.3
RMS 156.2
wave n. 5551
mV
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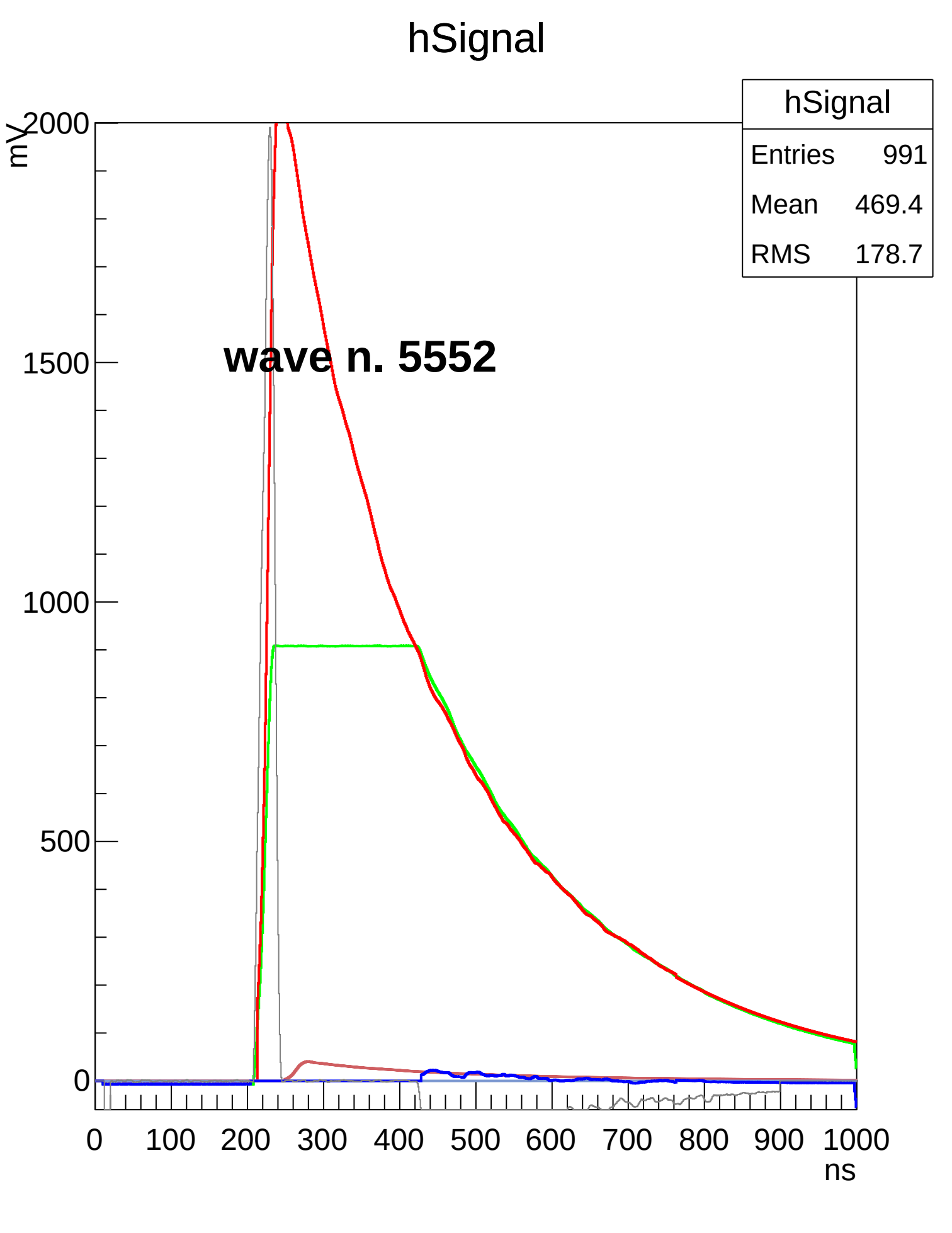
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 469.4
RMS 178.7
wave n. 5552
mV
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1500
1000
500
0
0
100
200
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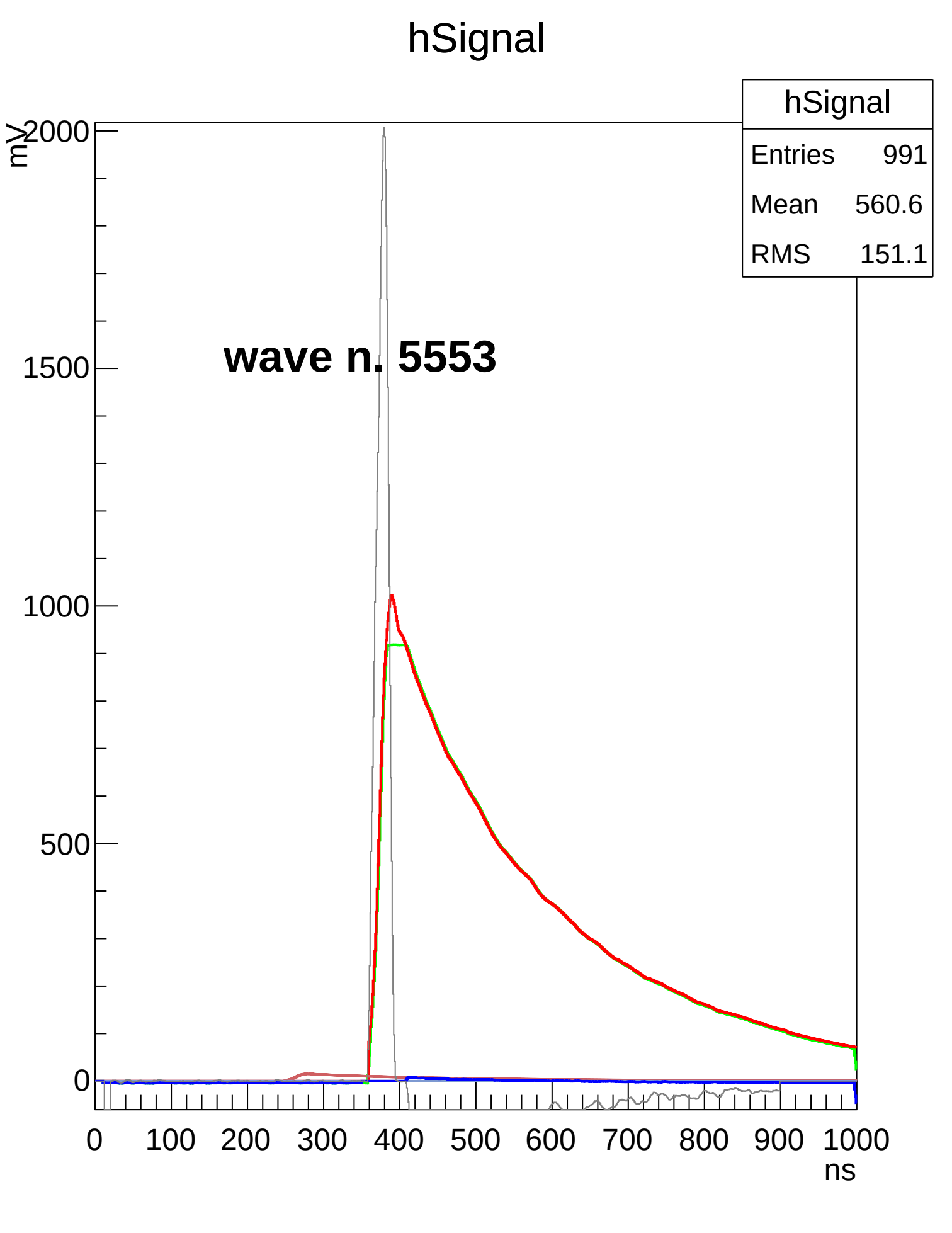
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 560.6
RMS 151.1
wave n. 5553
mV
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1500
1000
500
0
0
100
200
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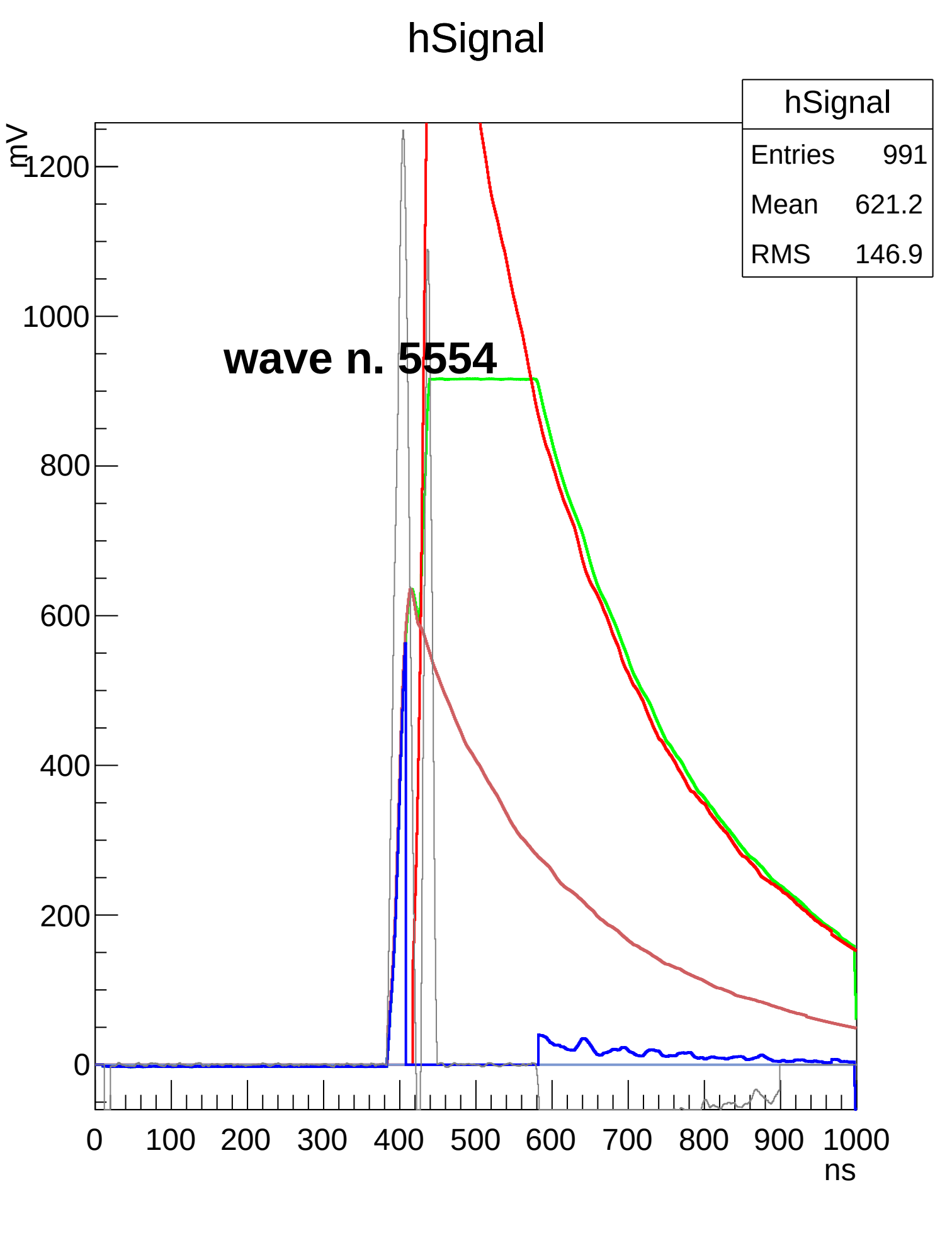
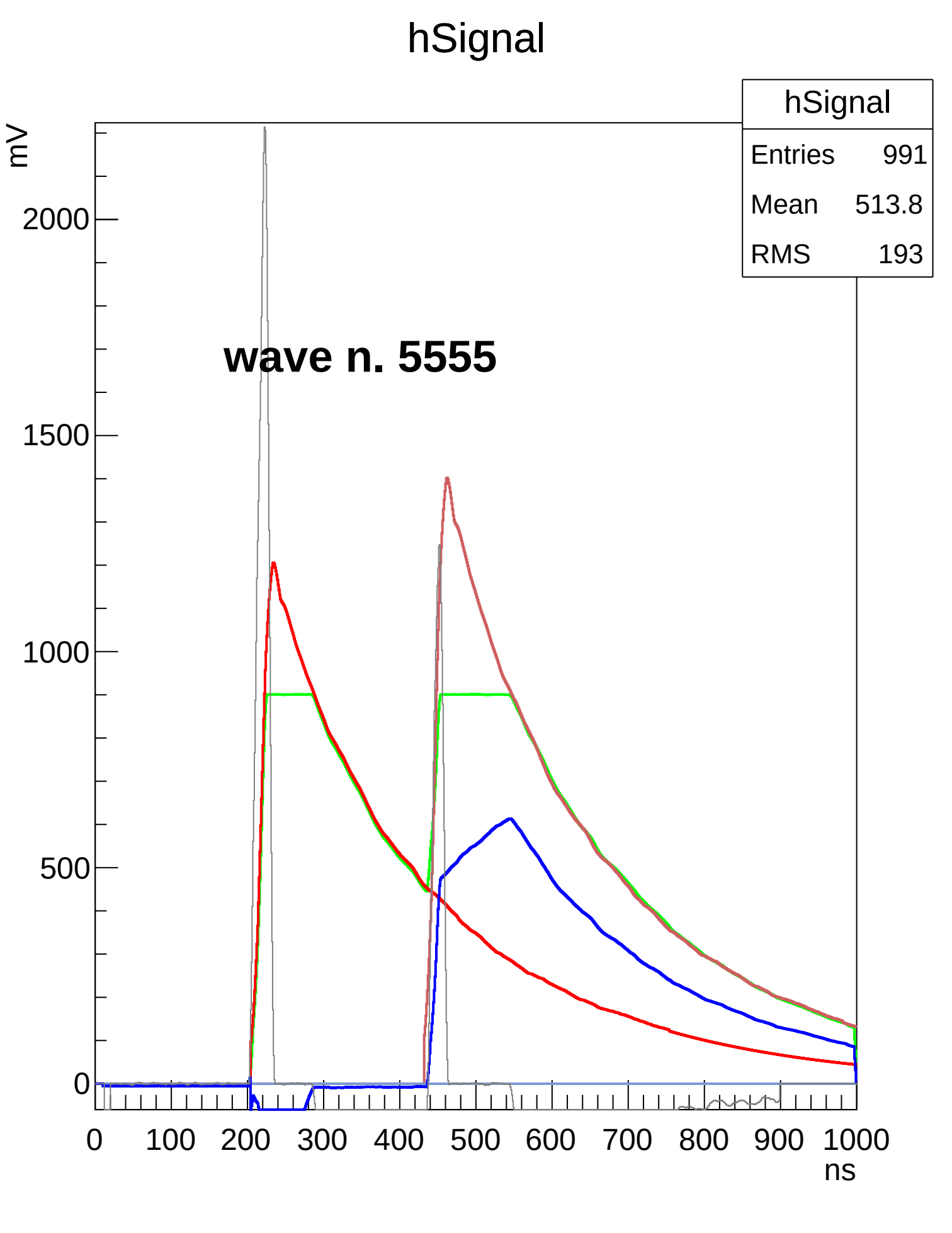
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 621.2
RMS 146.9
wave n. 5554
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 513.8
RMS 193
wave n. 5555
mV
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1500
1000
500
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100
200
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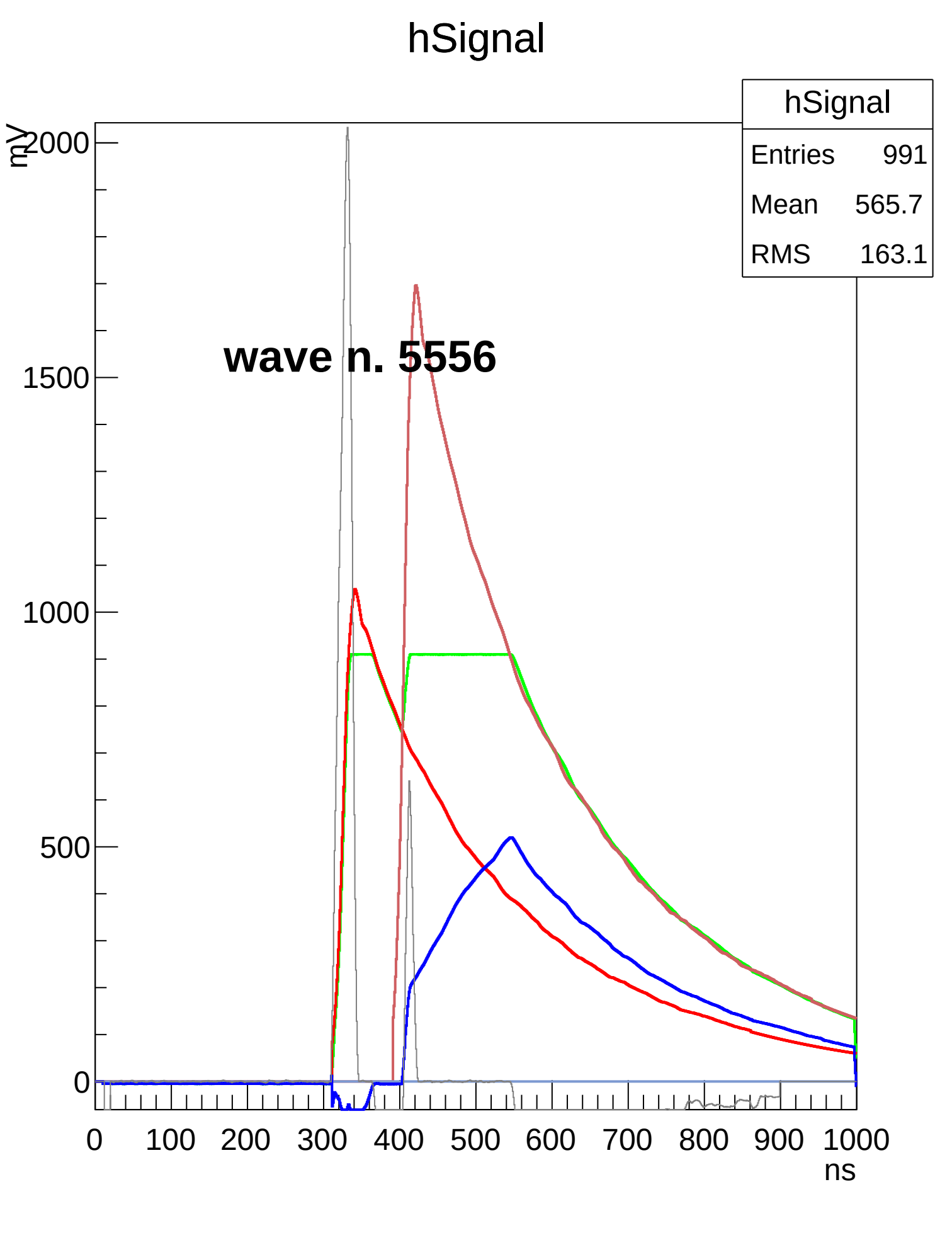
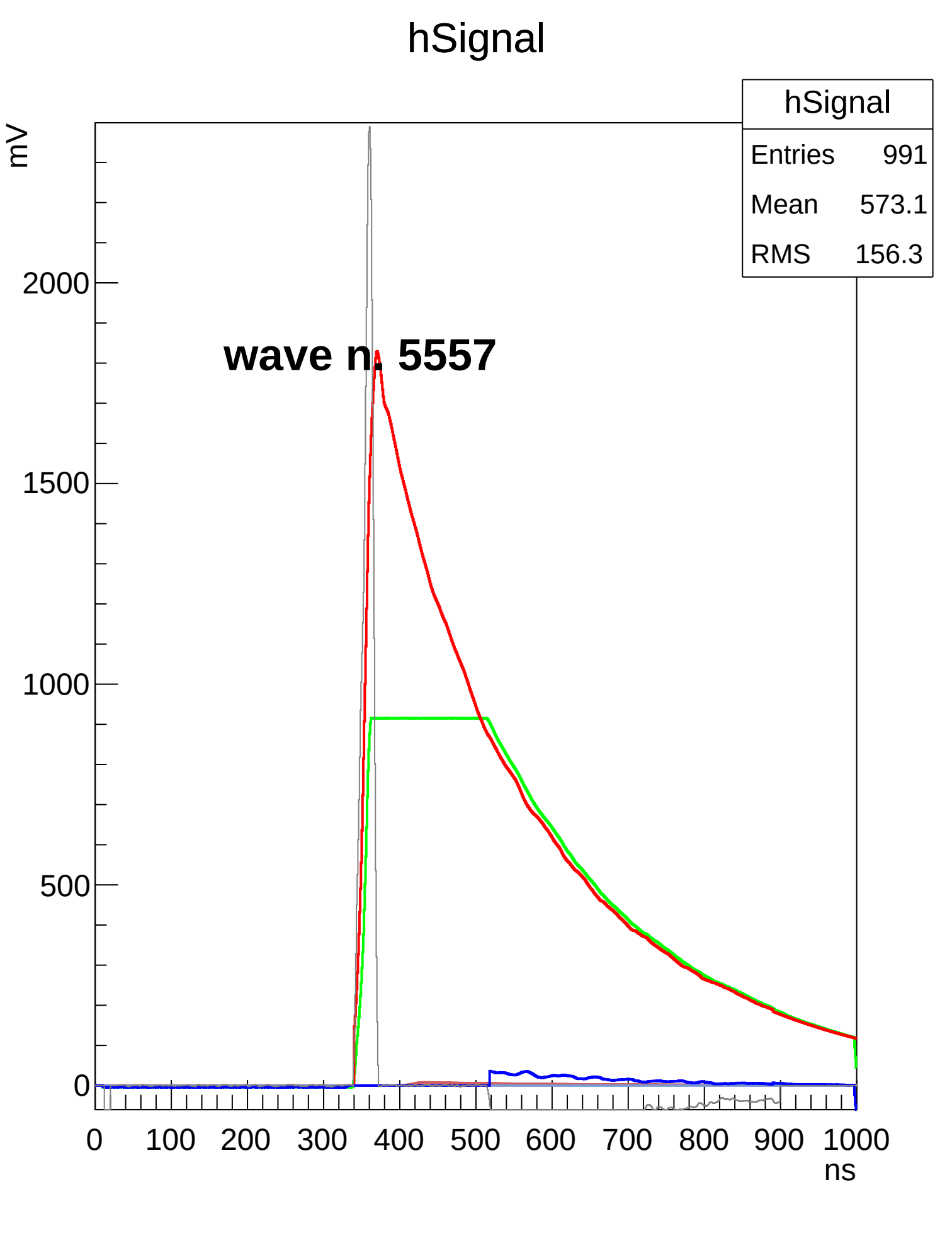
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.7
RMS 163.1
wave n. 5556
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 573.1
RMS 156.3
wave n. 5557
mV
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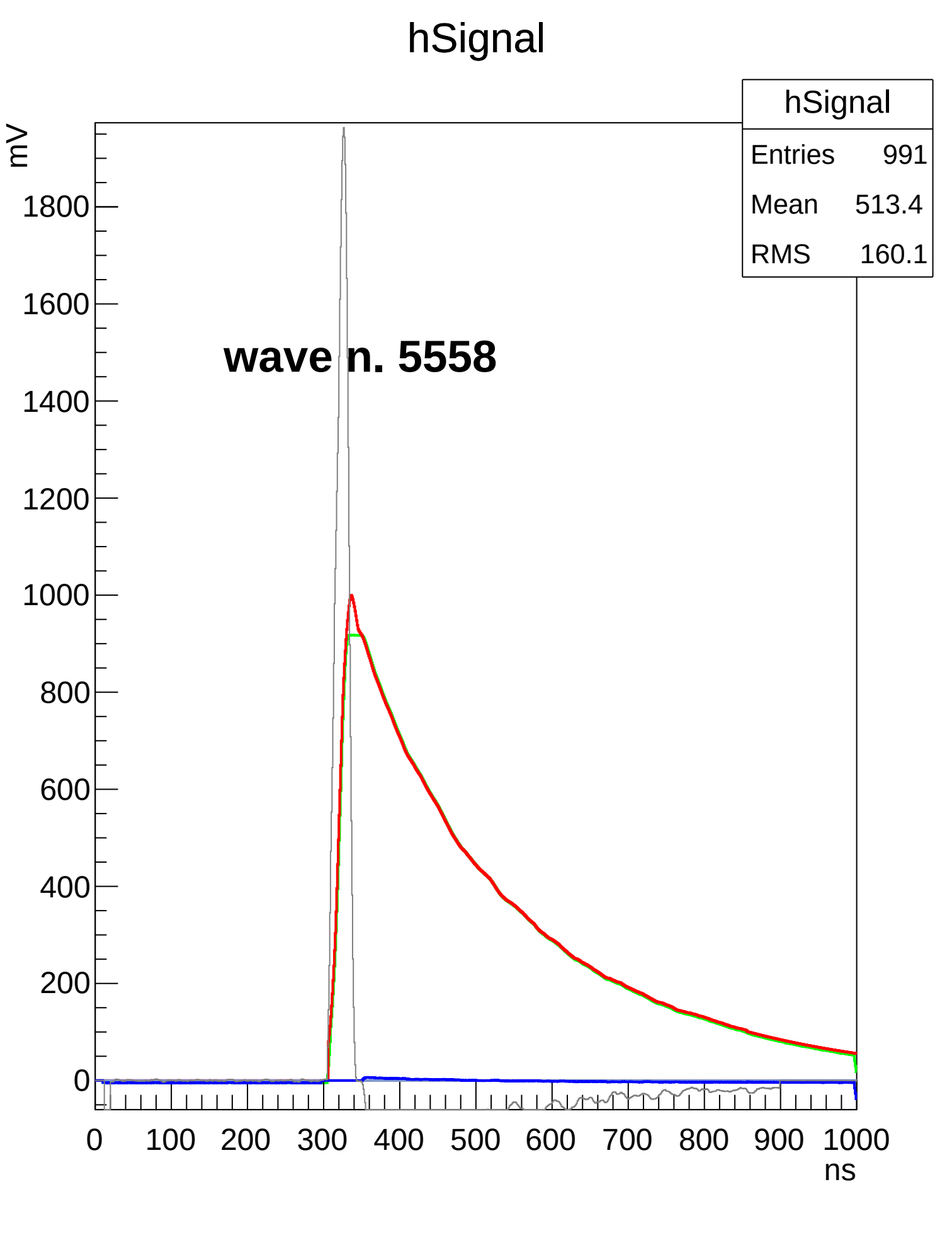
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 513.4
RMS 160.1
wave n. 5558
mV
1800
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400
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1000
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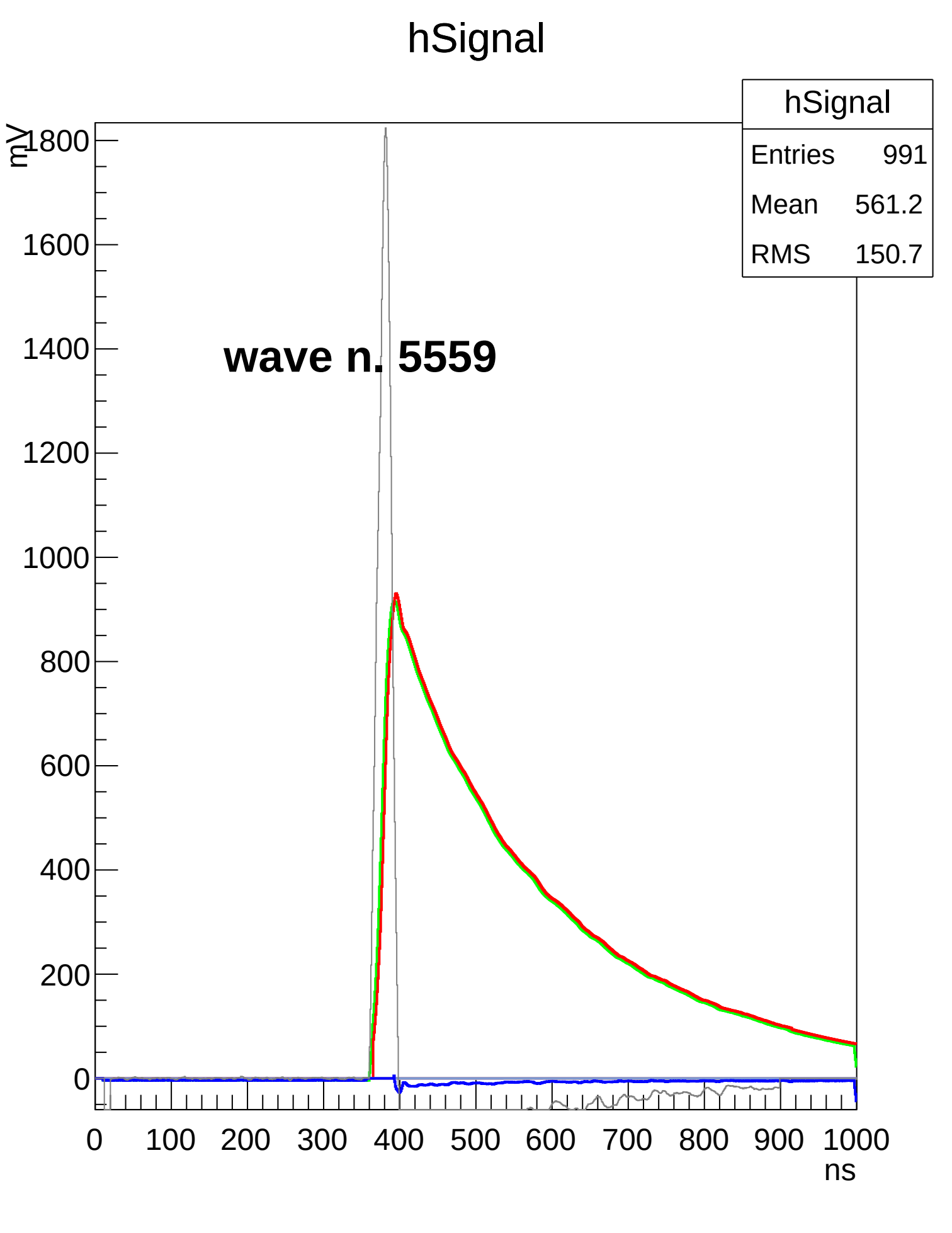
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Entries 991
Mean 561.2
RMS 150.7
wave n. 5559
mV
1800
1600
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0
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400
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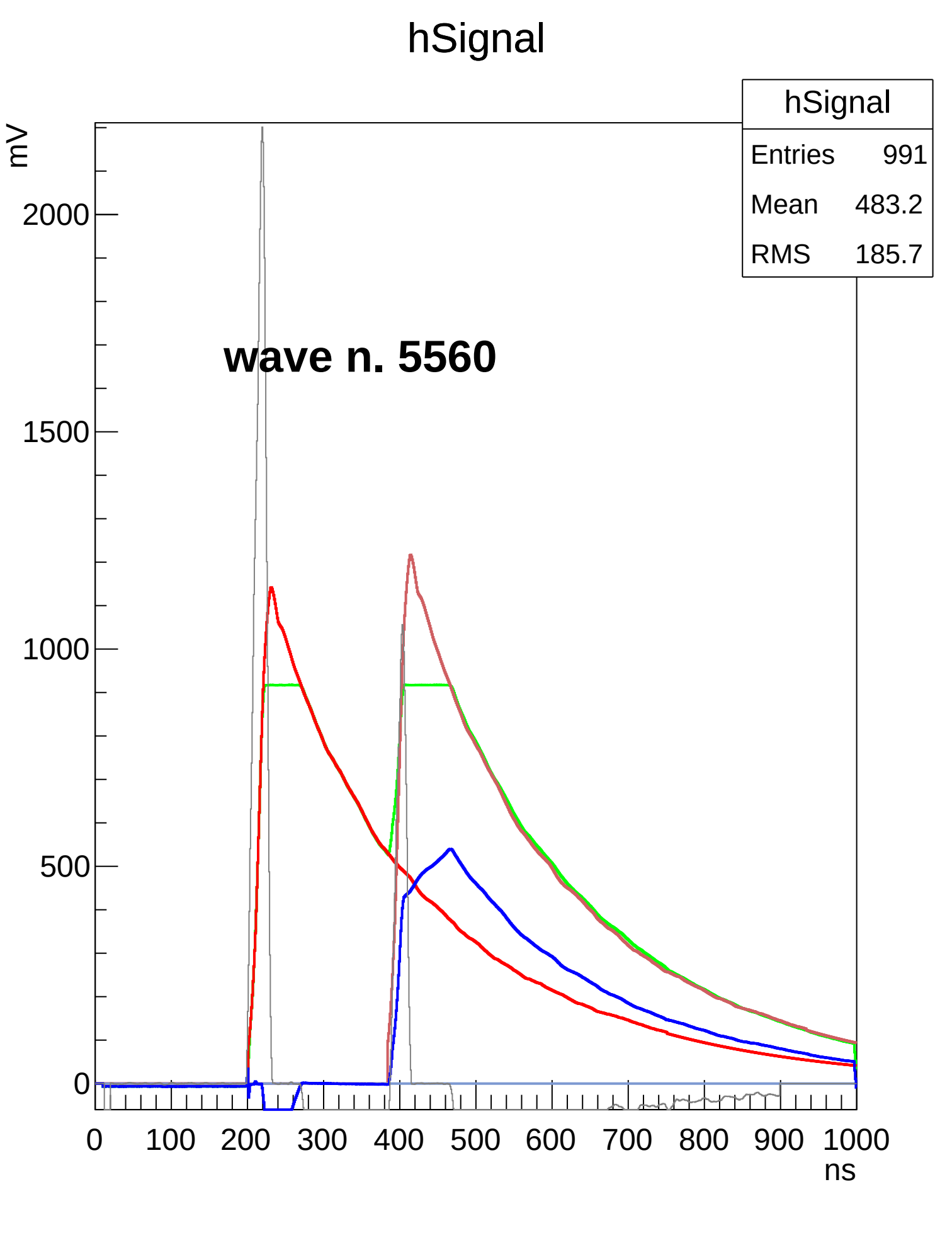
800
900
1000
ns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Entries 991
Mean 483.2
RMS 185.7
wave n. 5560
mV
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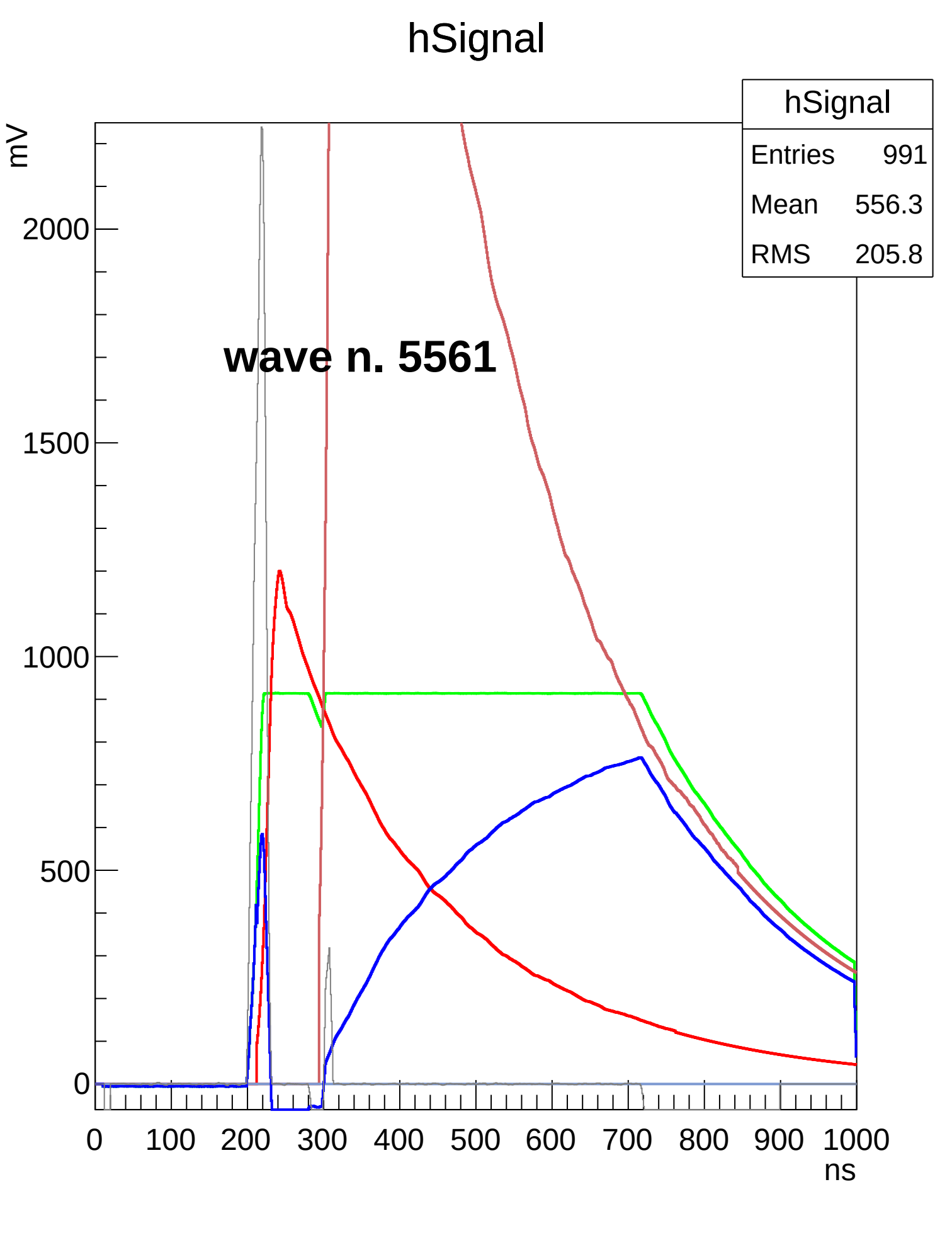
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
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Entries 991
Mean 556.3
RMS 205.8
wave n. 5561
mV
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1000
500
0
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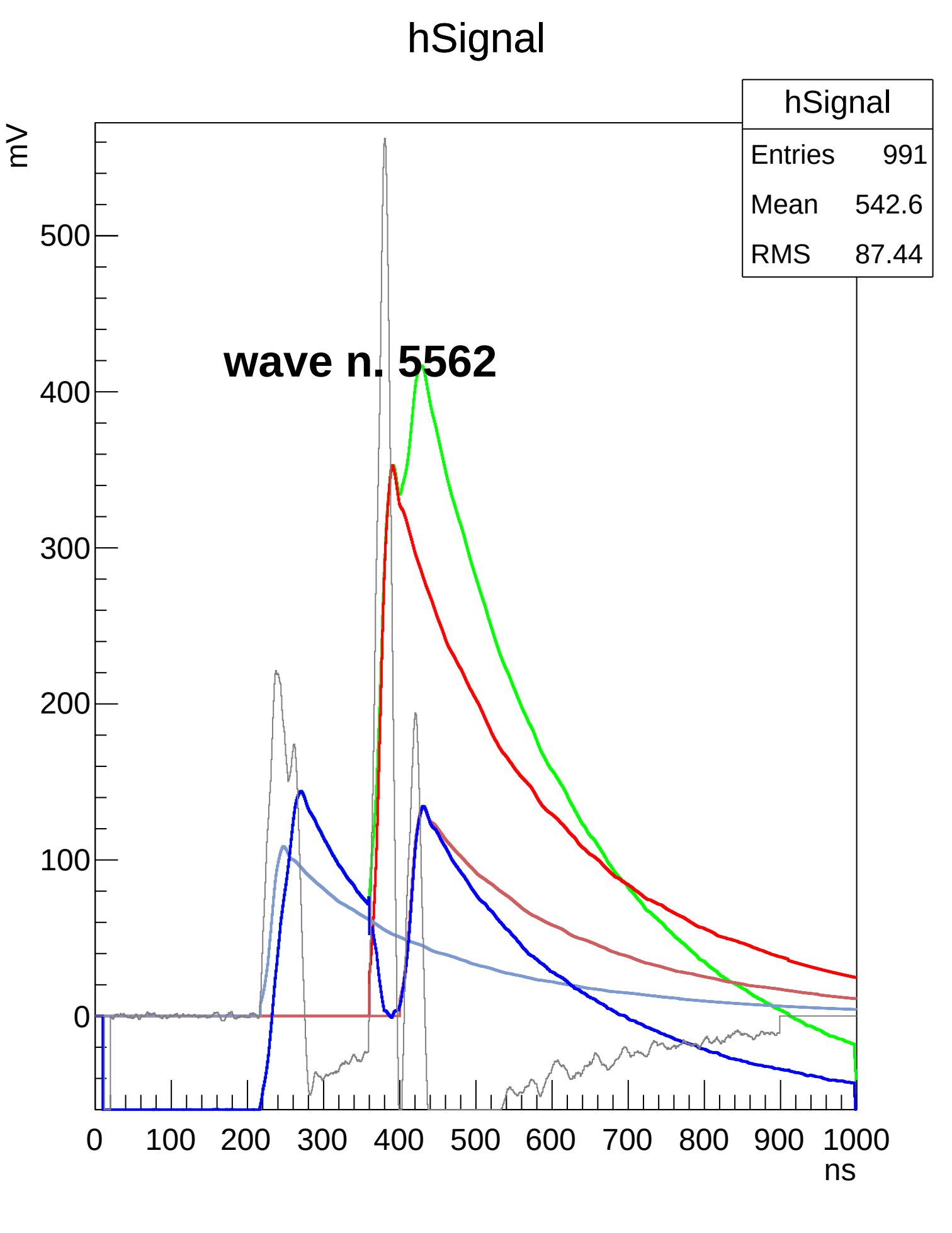
ns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Entries 991
Mean 542.6
RMS 87.44
wave n. 5562
mV
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400
300
200
100
0
0
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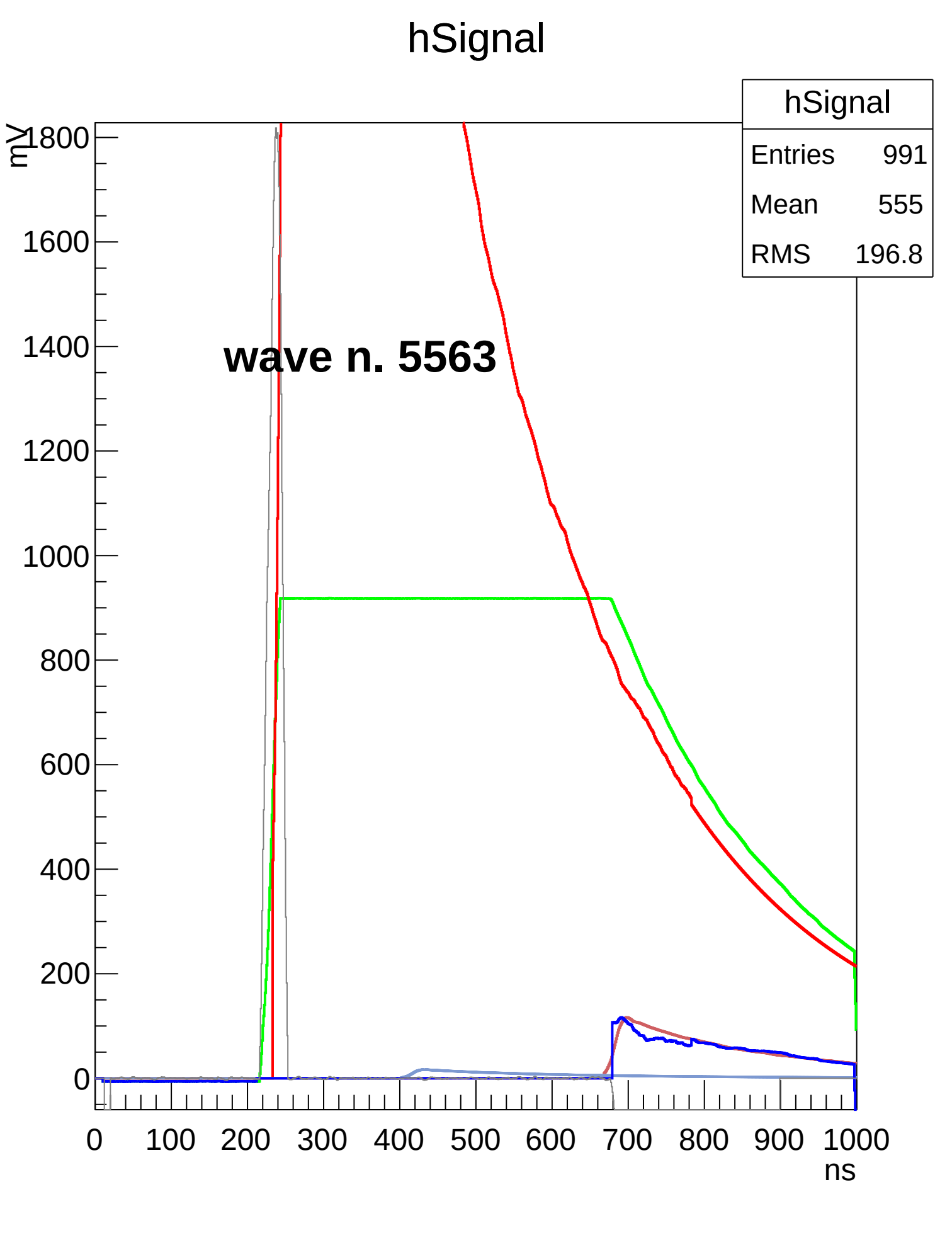
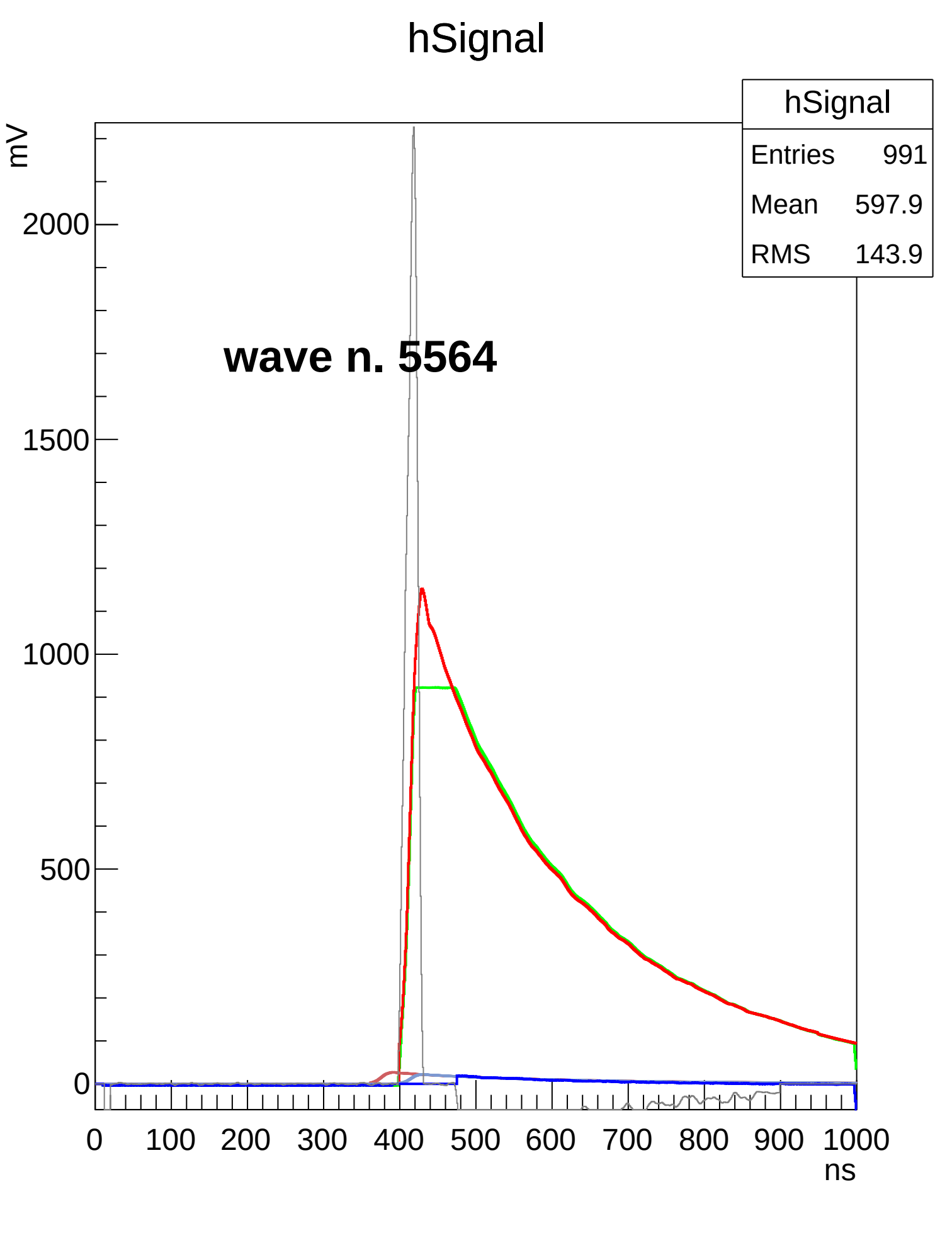
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 555
RMS 196.8
wave n. 5563
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 597.9
RMS 143.9
wave n. 5564
mV
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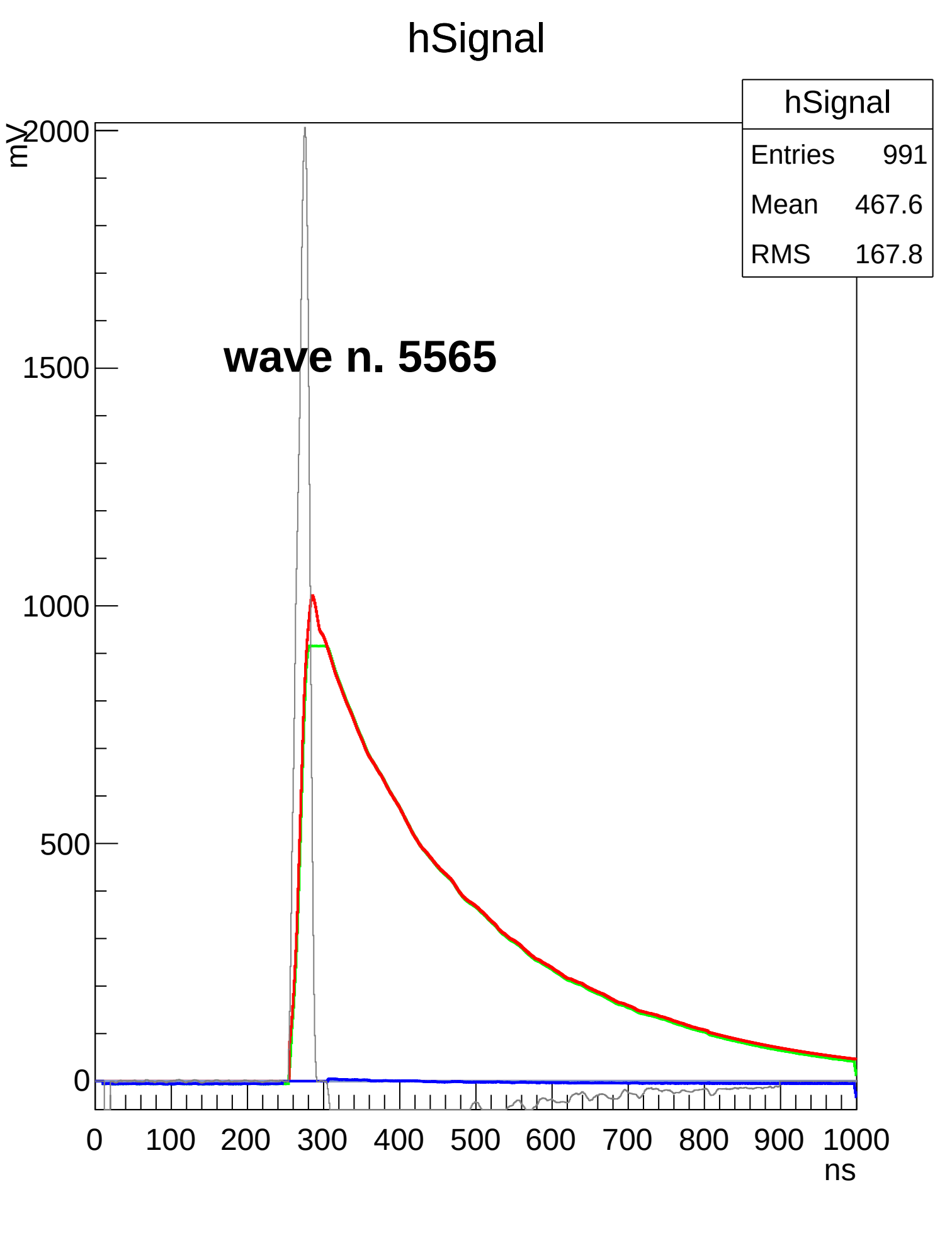
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 467.6
RMS 167.8
wave n. 5565
mV
2000
1500
1000
500
0
0
100
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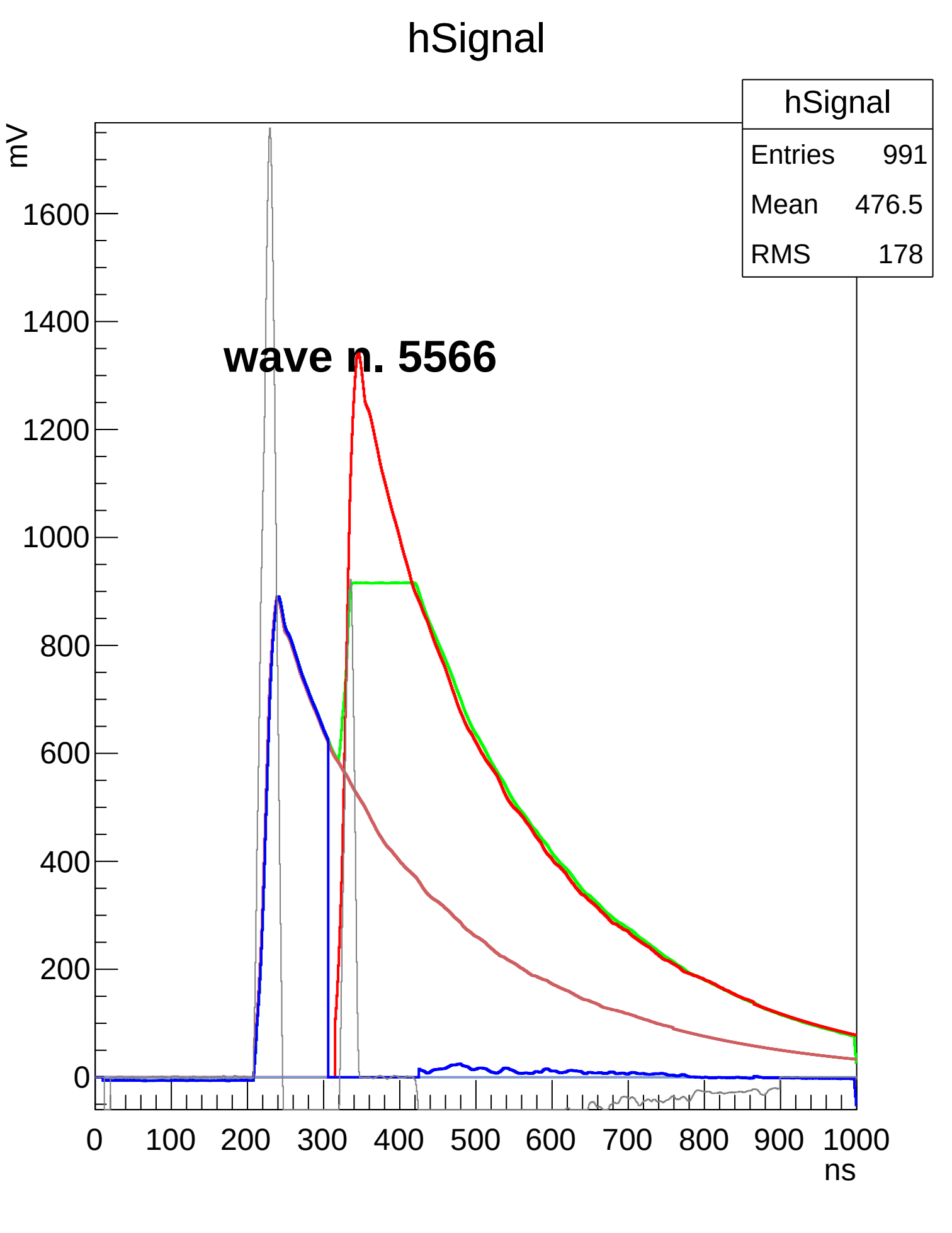
800
900
1000
ns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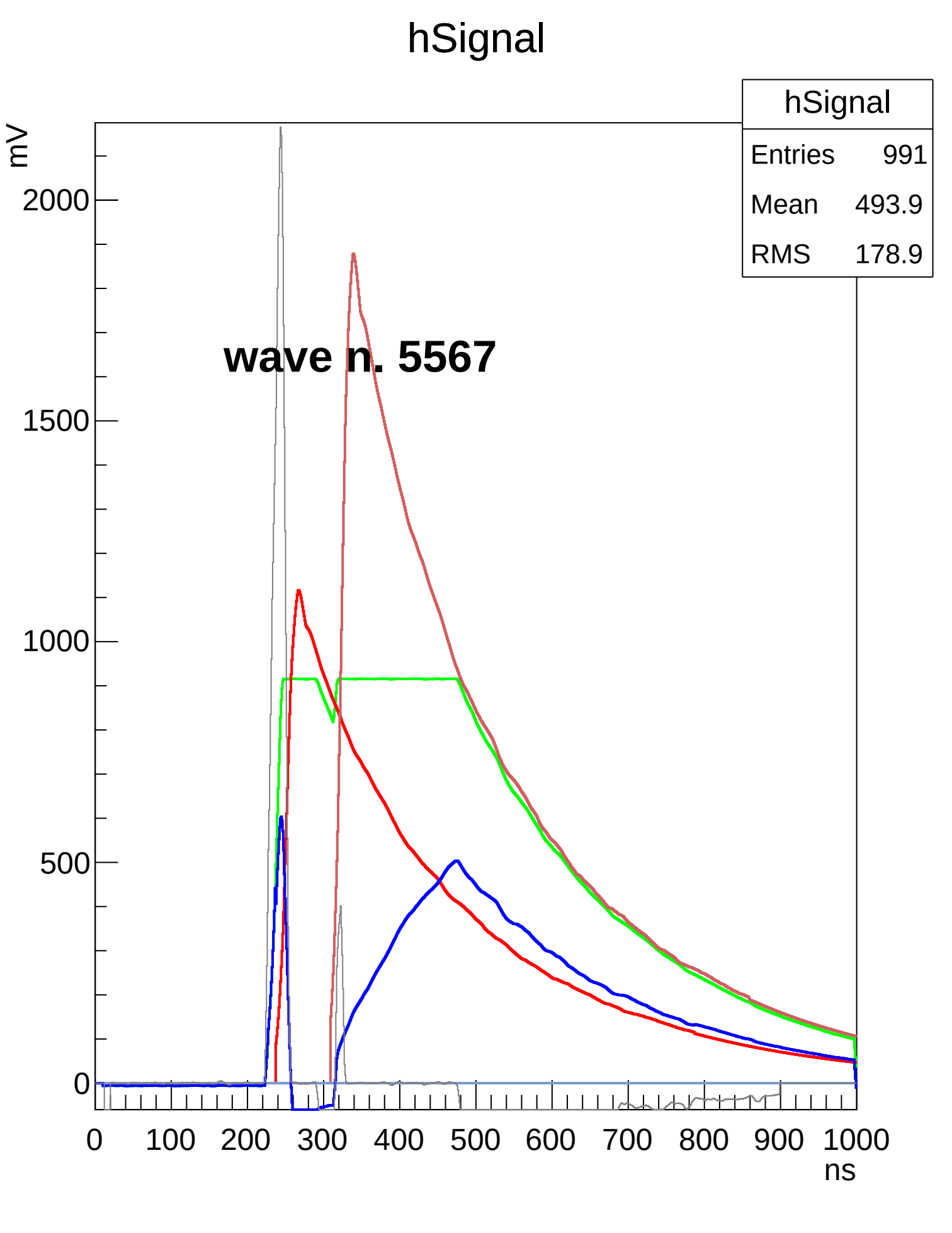
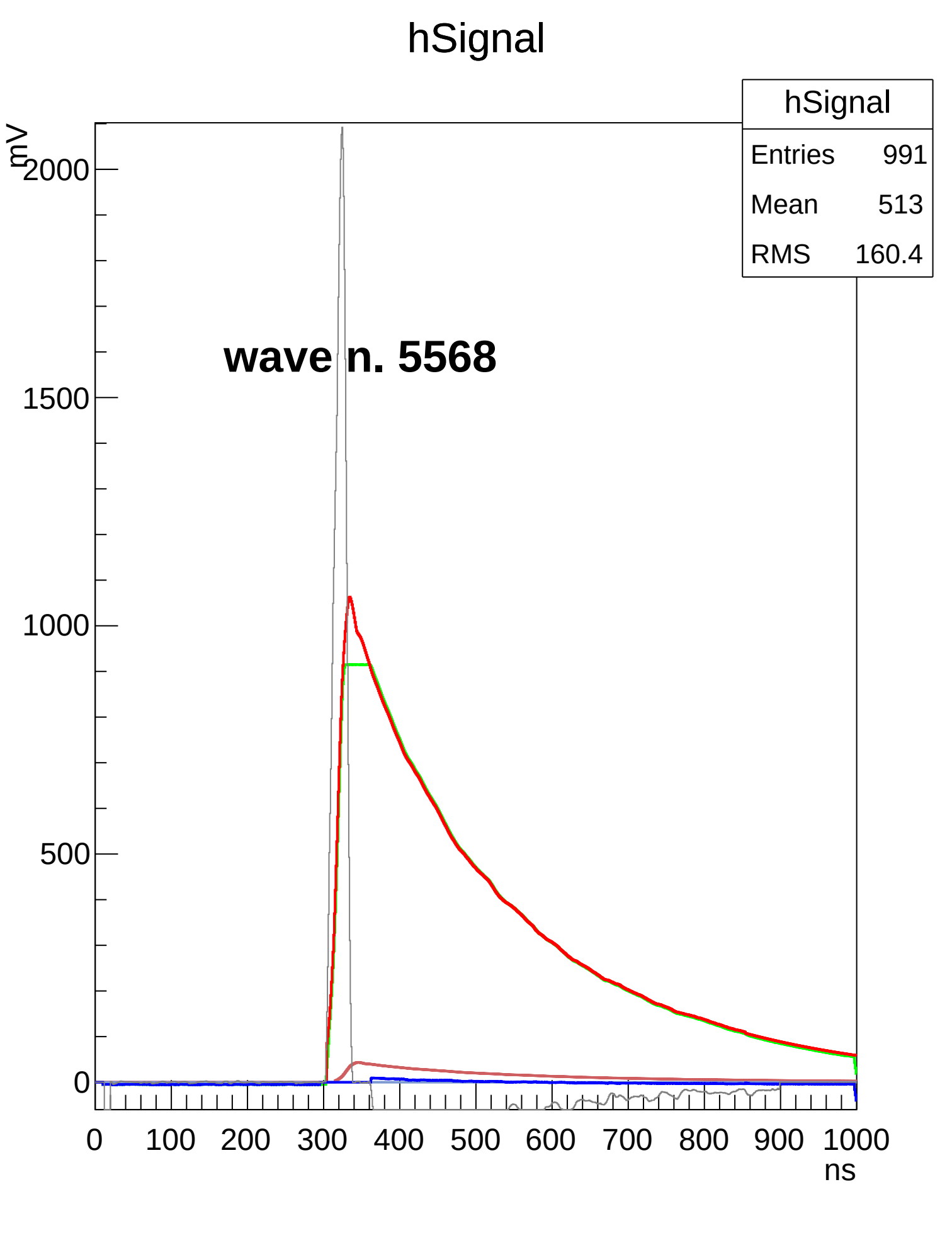
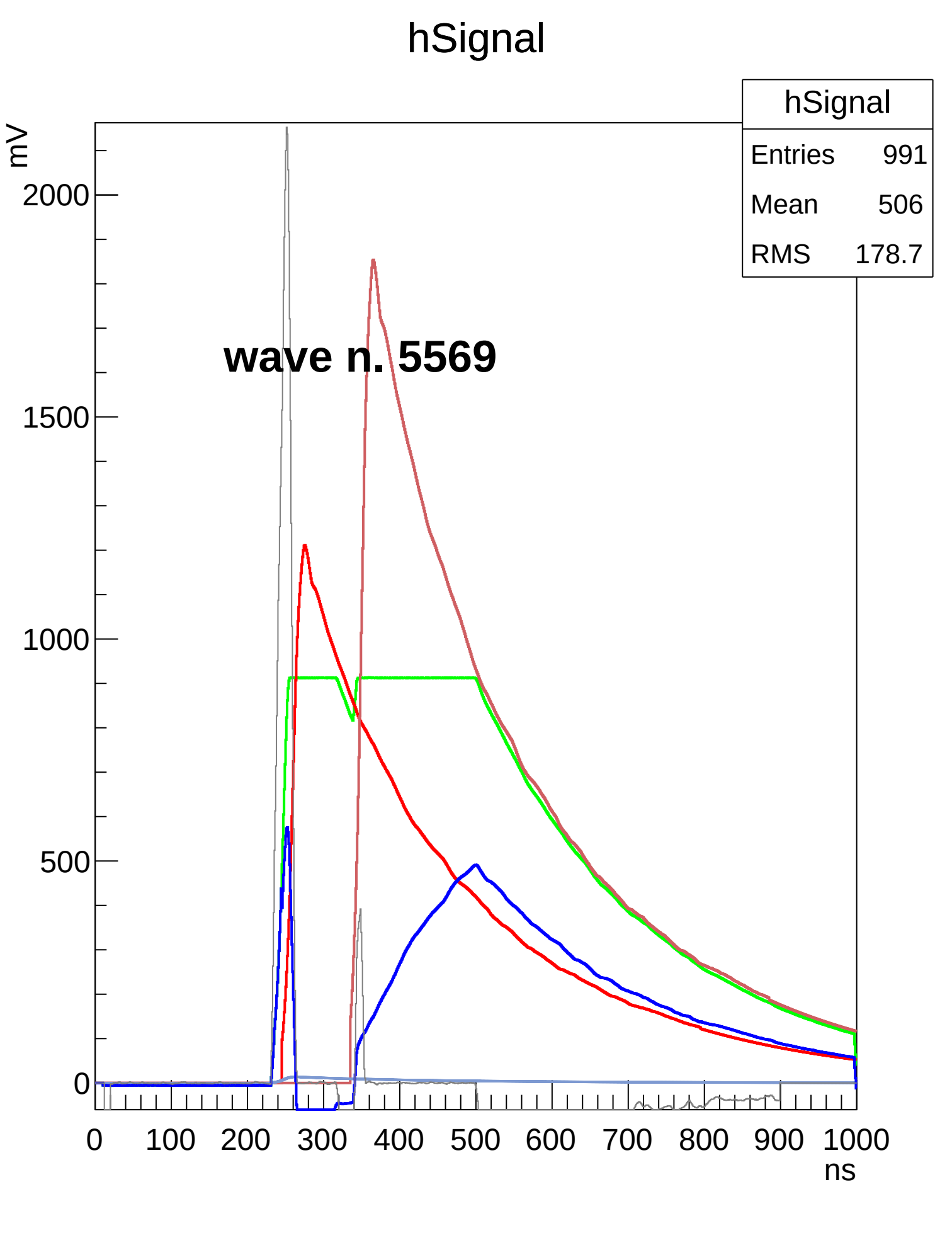
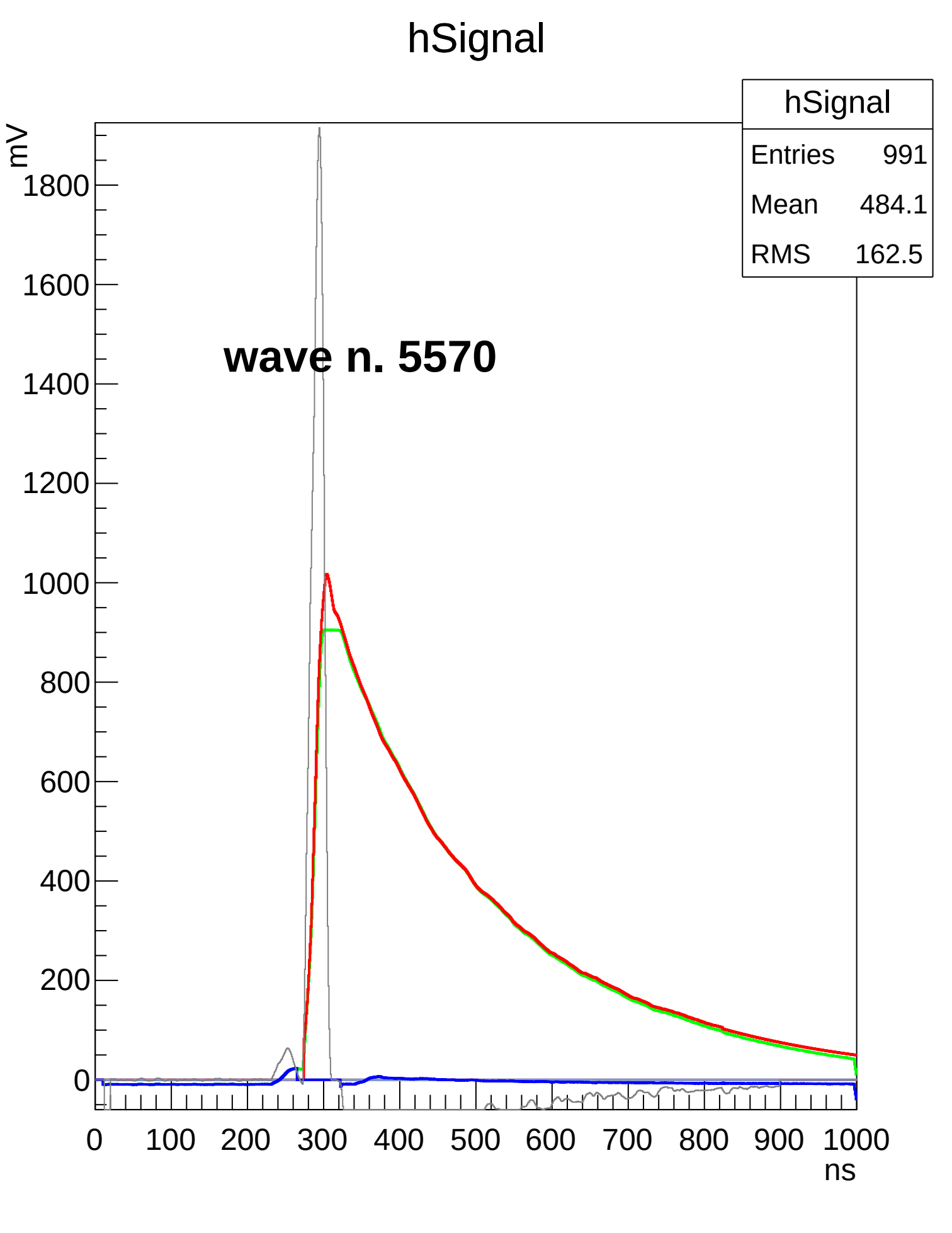
hSignal
Entries 991
Mean 476.5
RMS 178
wave n. 5566
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 493.9
RMS 178.9
wave n. 5567
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 513
RMS 160.4
wave n. 5568
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 506
RMS 178.7
wave n. 5569
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 484.1
RMS 162.5
wave n. 5570
mV
1800
1600
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1200
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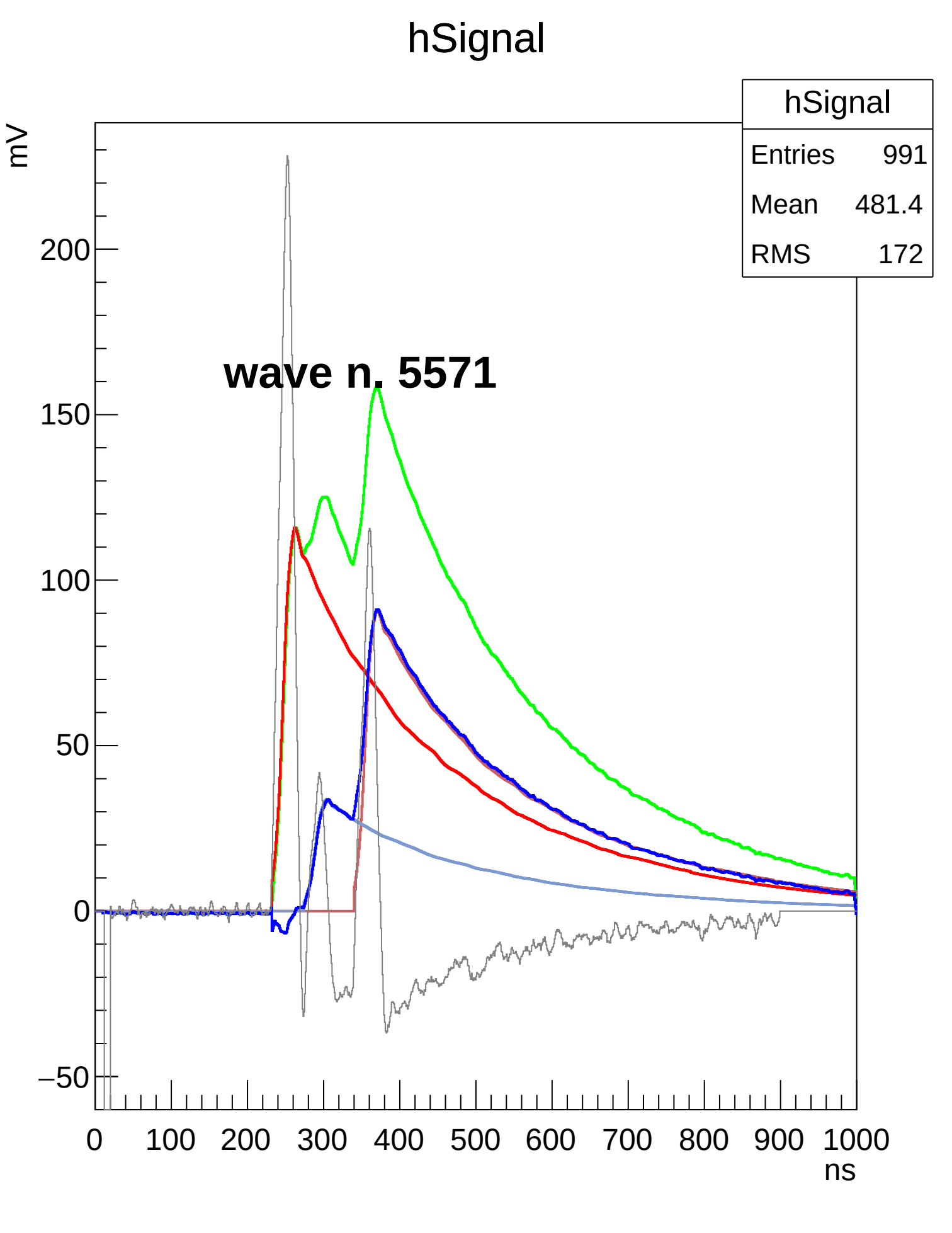
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481.4
RMS 172
wave n. 5571
mV
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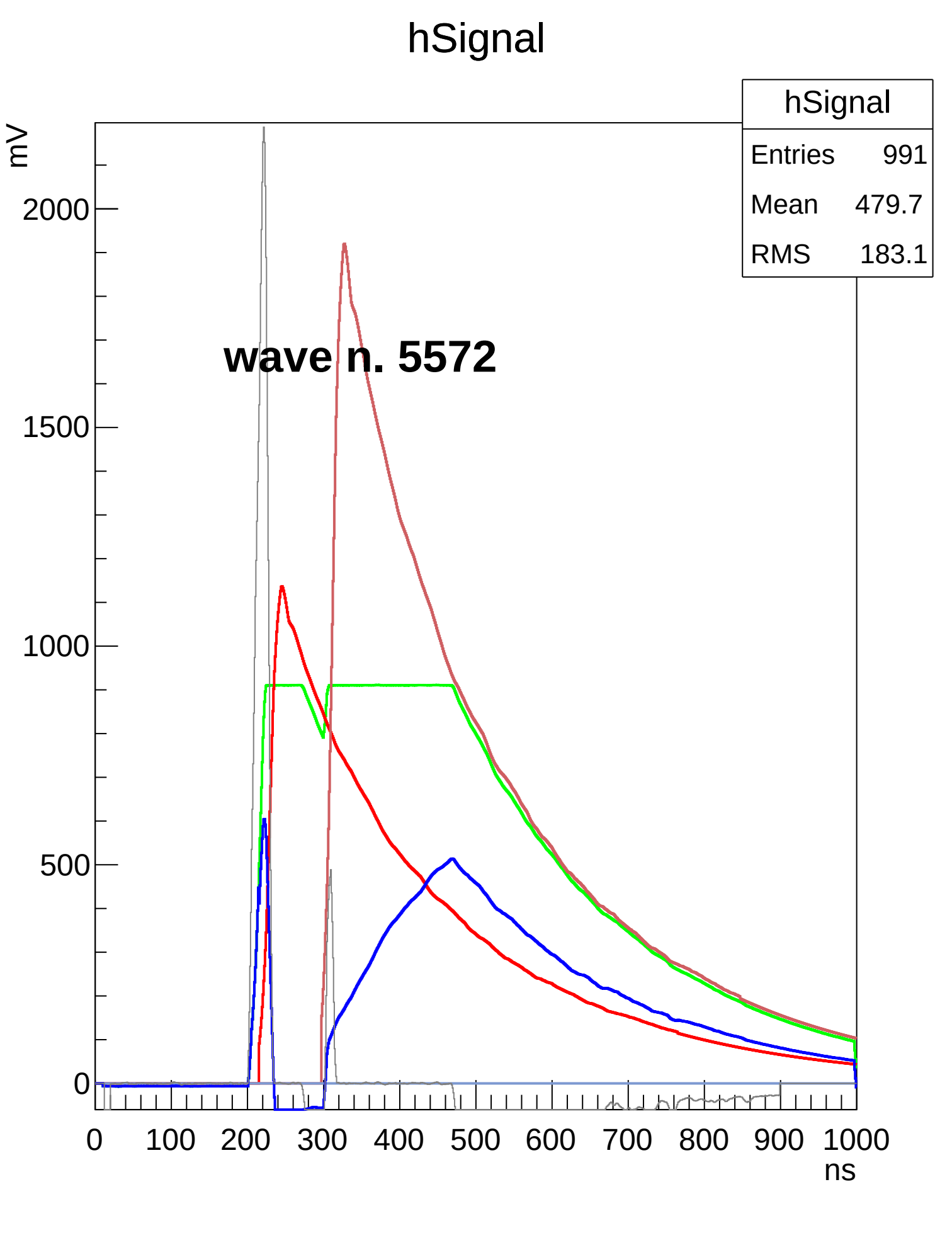
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 479.7
RMS 183.1
wave n. 5572
mV
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1500
1000
500
0
0
100
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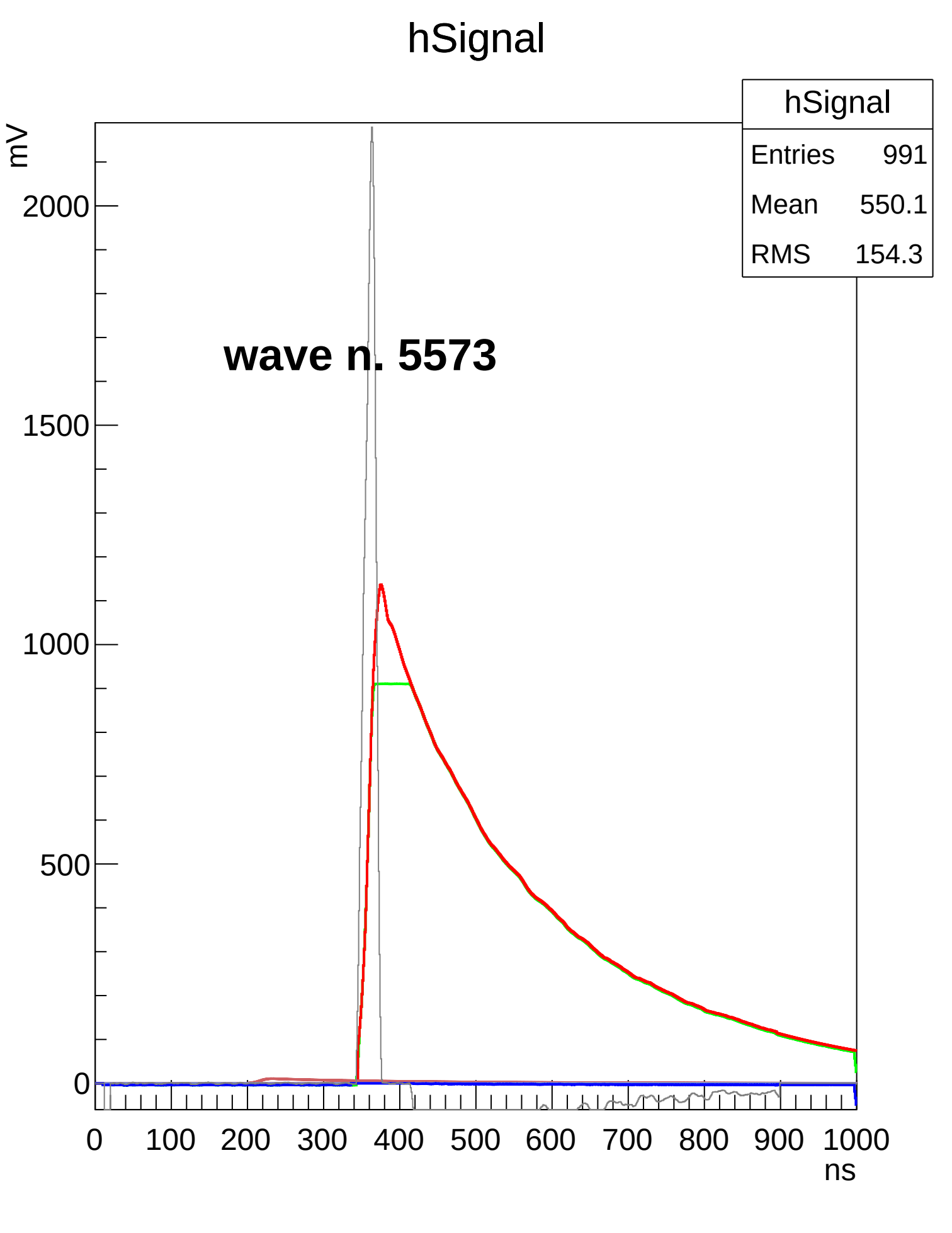
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 550.1
RMS 154.3
wave n. 5573
mV
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1500
1000
500
0
0
100
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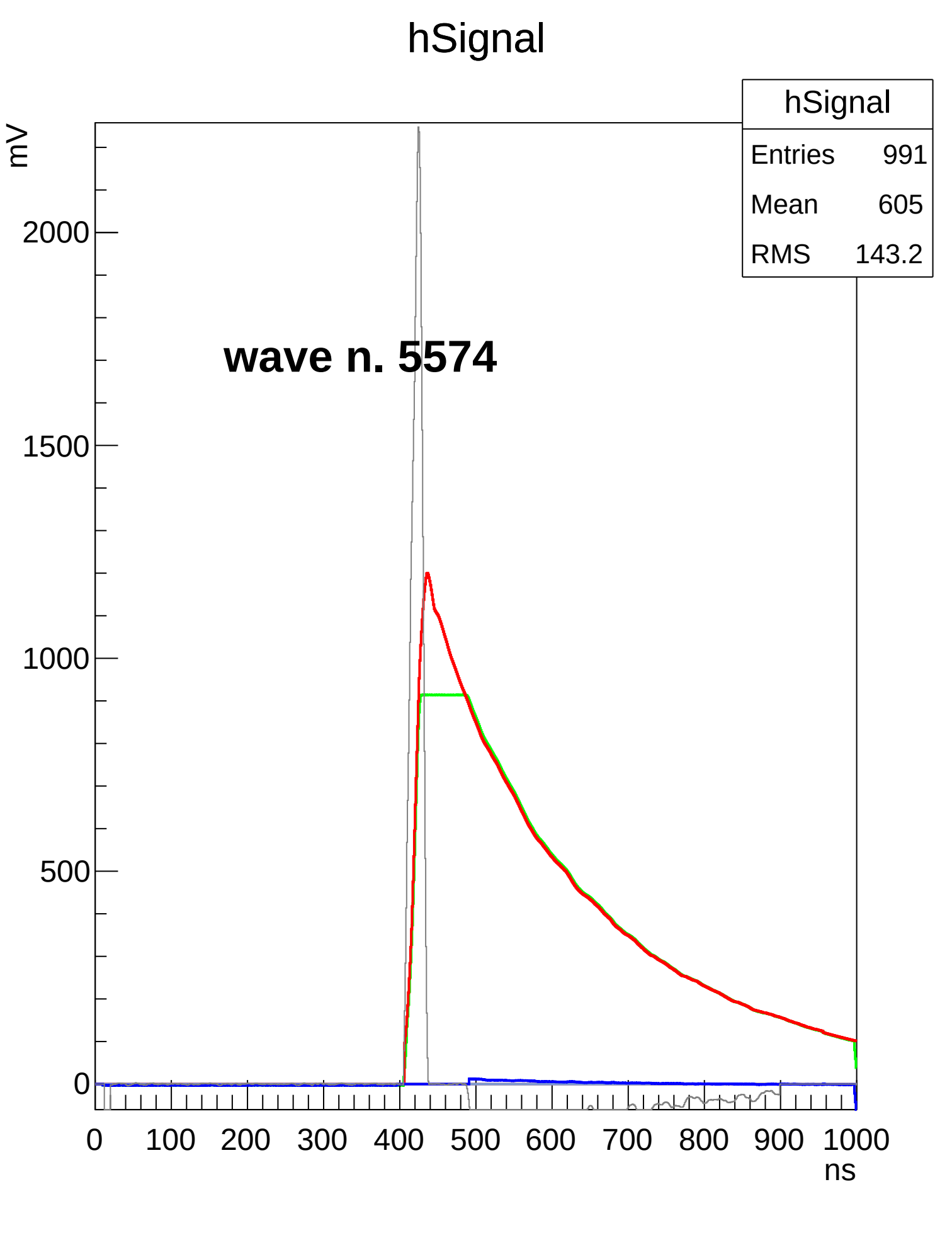
800
900
1000
ns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hSignal
Entries 991
Mean 605
RMS 143.2
wave n. 5574
mV
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1500
1000
500
0
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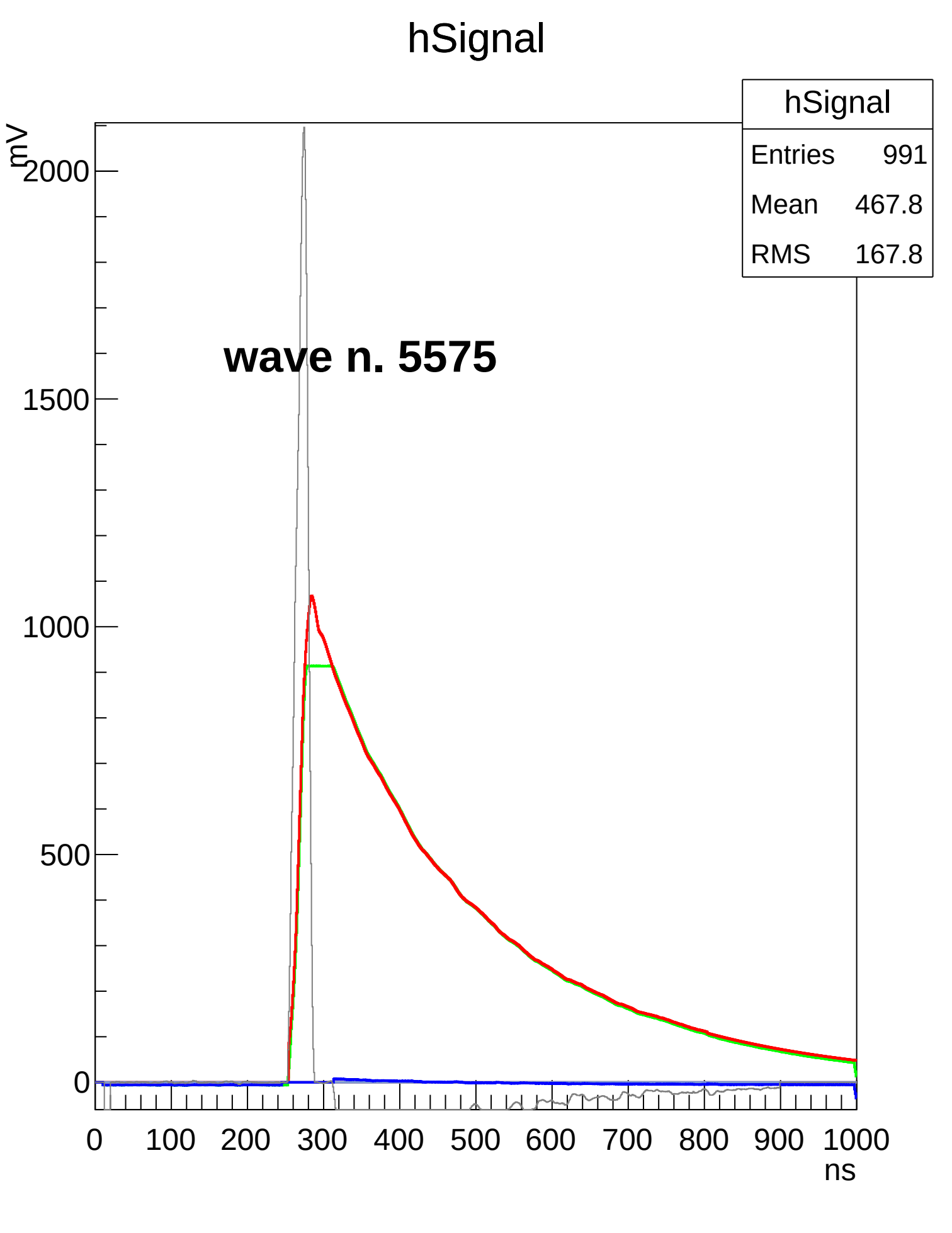
ns


hSignal
hSignal
Entries 991
Mean 467.8
RMS 167.8
wave n. 5575
mV
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0
100
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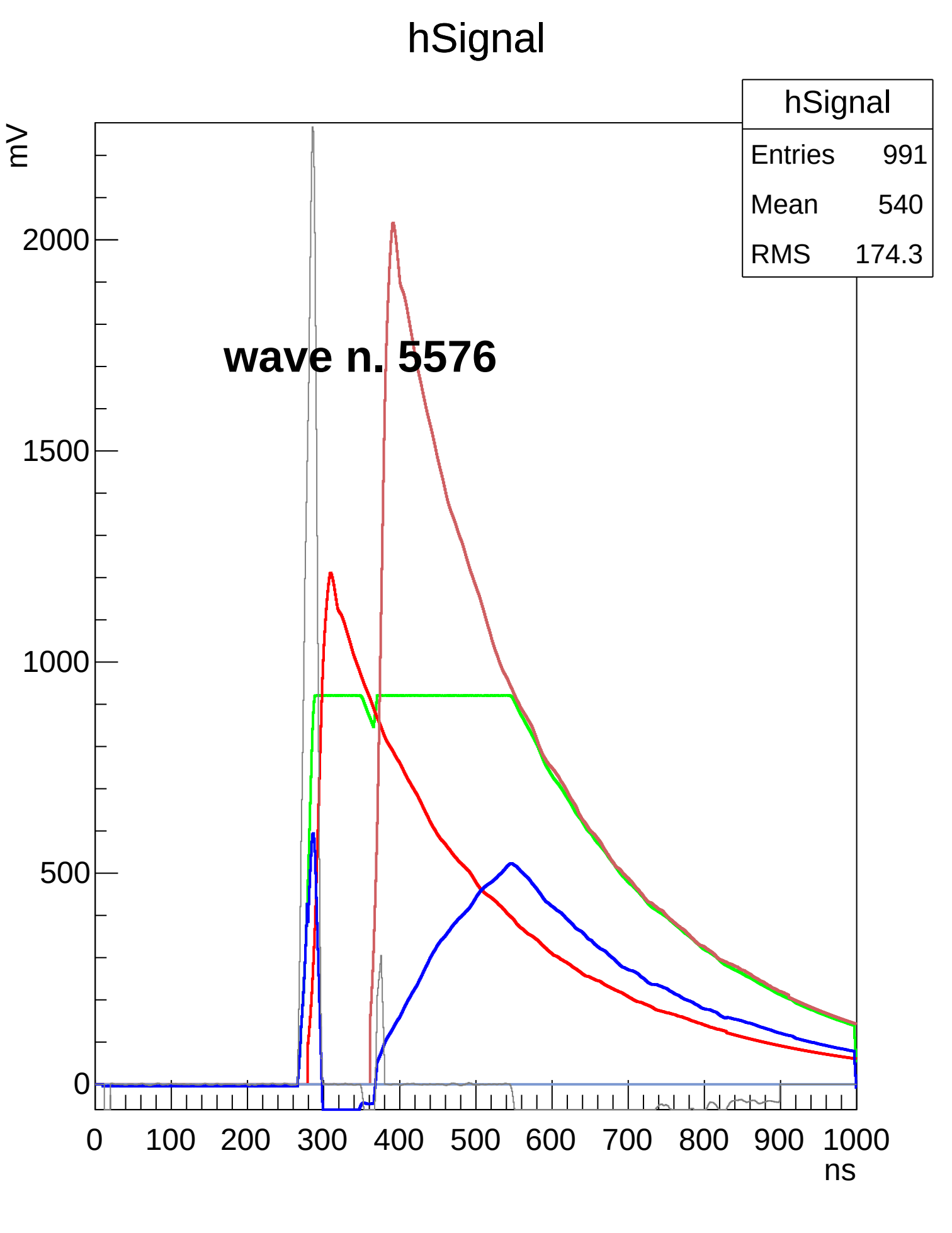
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 540
RMS 174.3
wave n. 5576
mV
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1500
1000
500
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0
100
200
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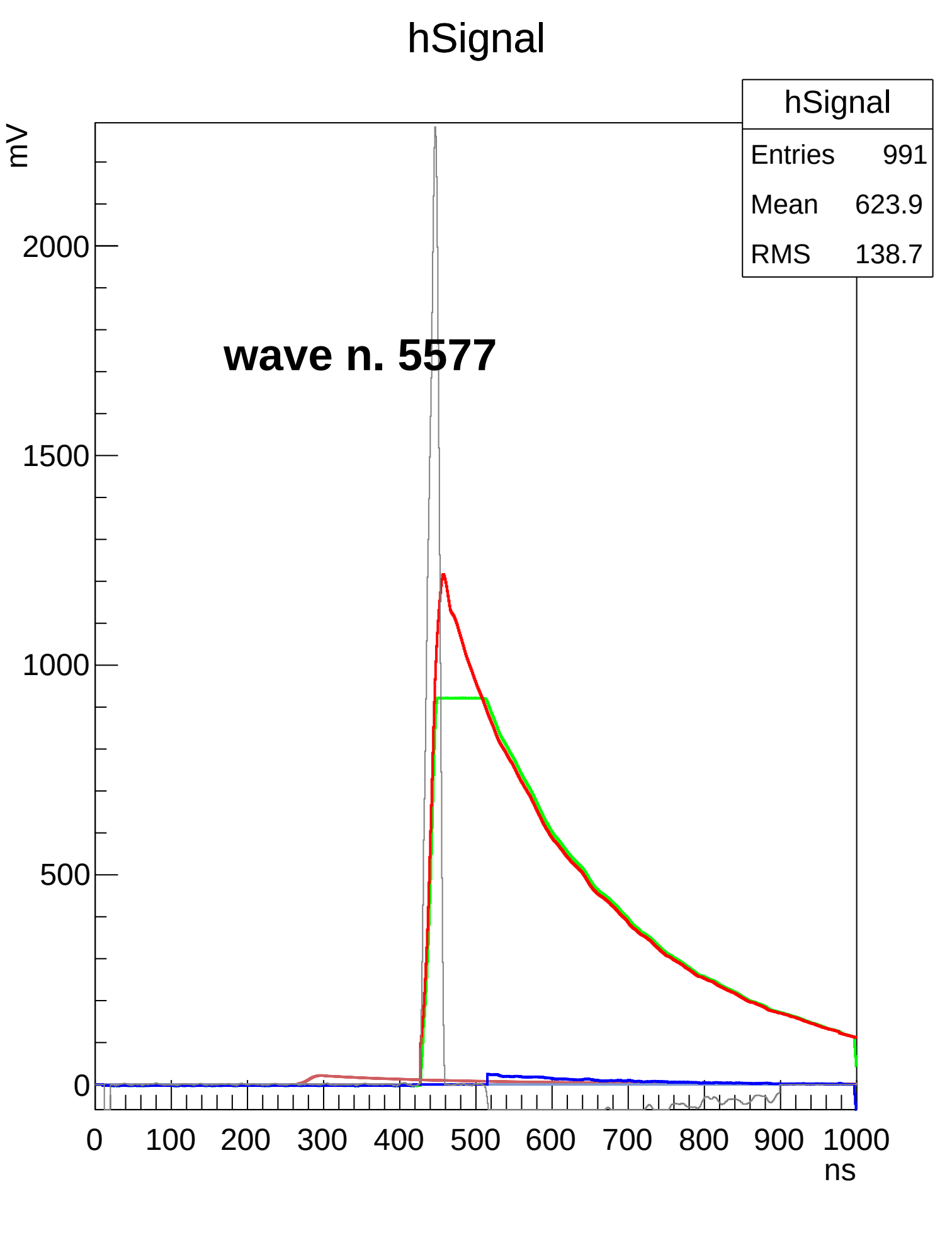
800
900
1000
ns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hSignal
Entries 991
Mean 623.9
RMS 138.7
wave n. 5577
mV
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1500
1000
500
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0
100
200
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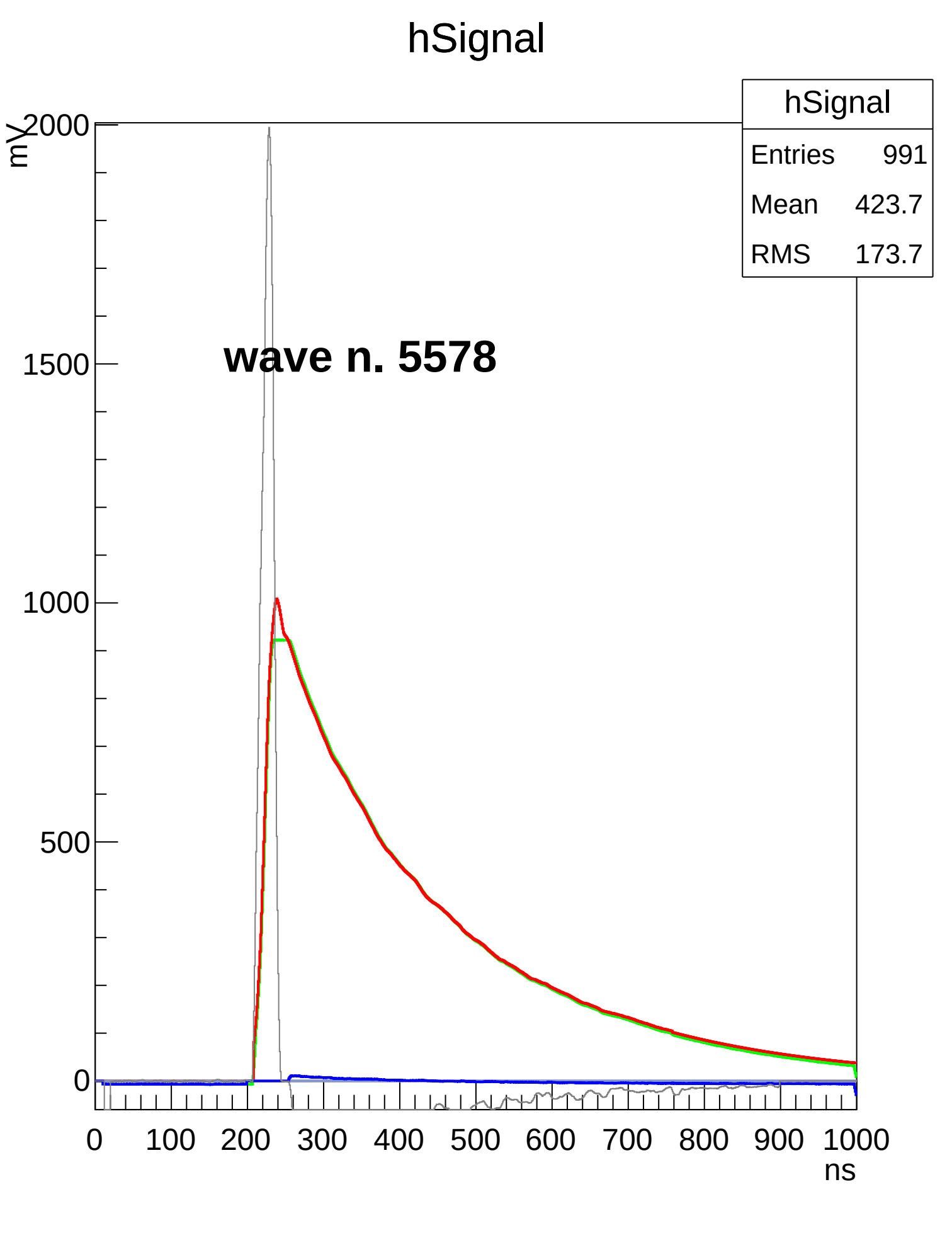
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 423.7
RMS 173.7
wave n. 5578
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0
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400
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800
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1000
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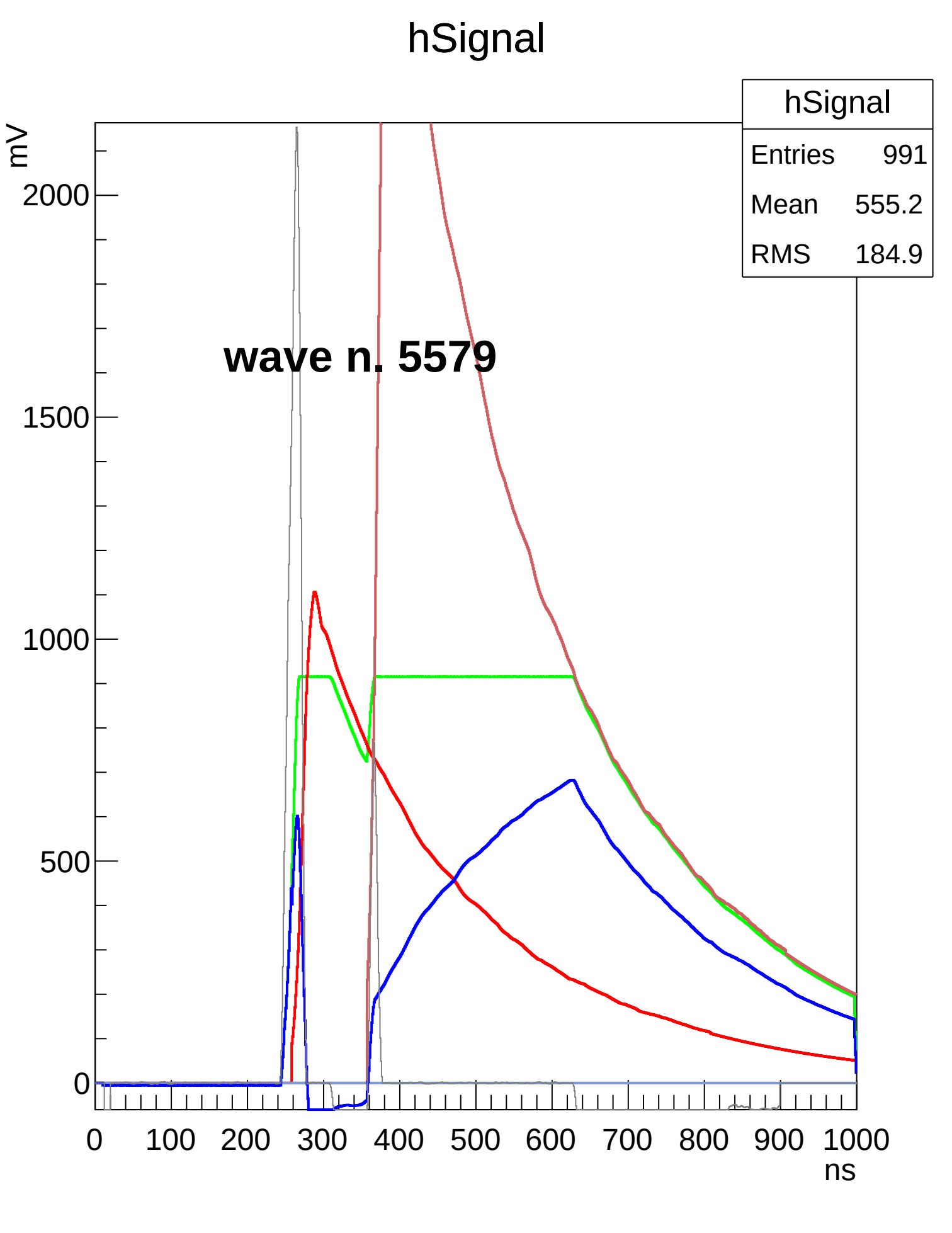
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hSignal
Entries 991
Mean 555.2
RMS 184.9
wave n. 5579
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500
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400
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1000
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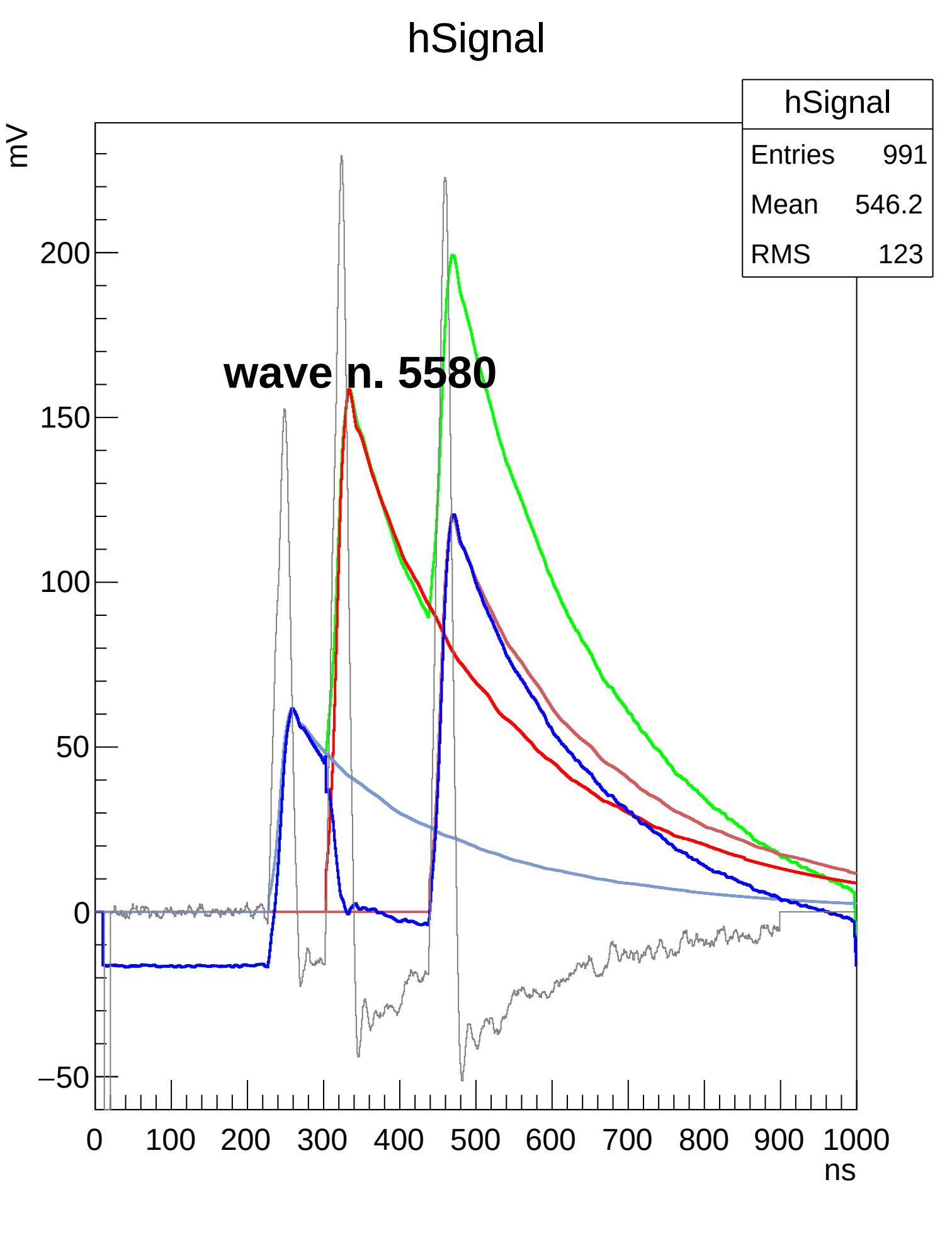
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hSignal
Entries 991
Mean 546.2
RMS 123
wave n. 5580
mV
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50
0
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400
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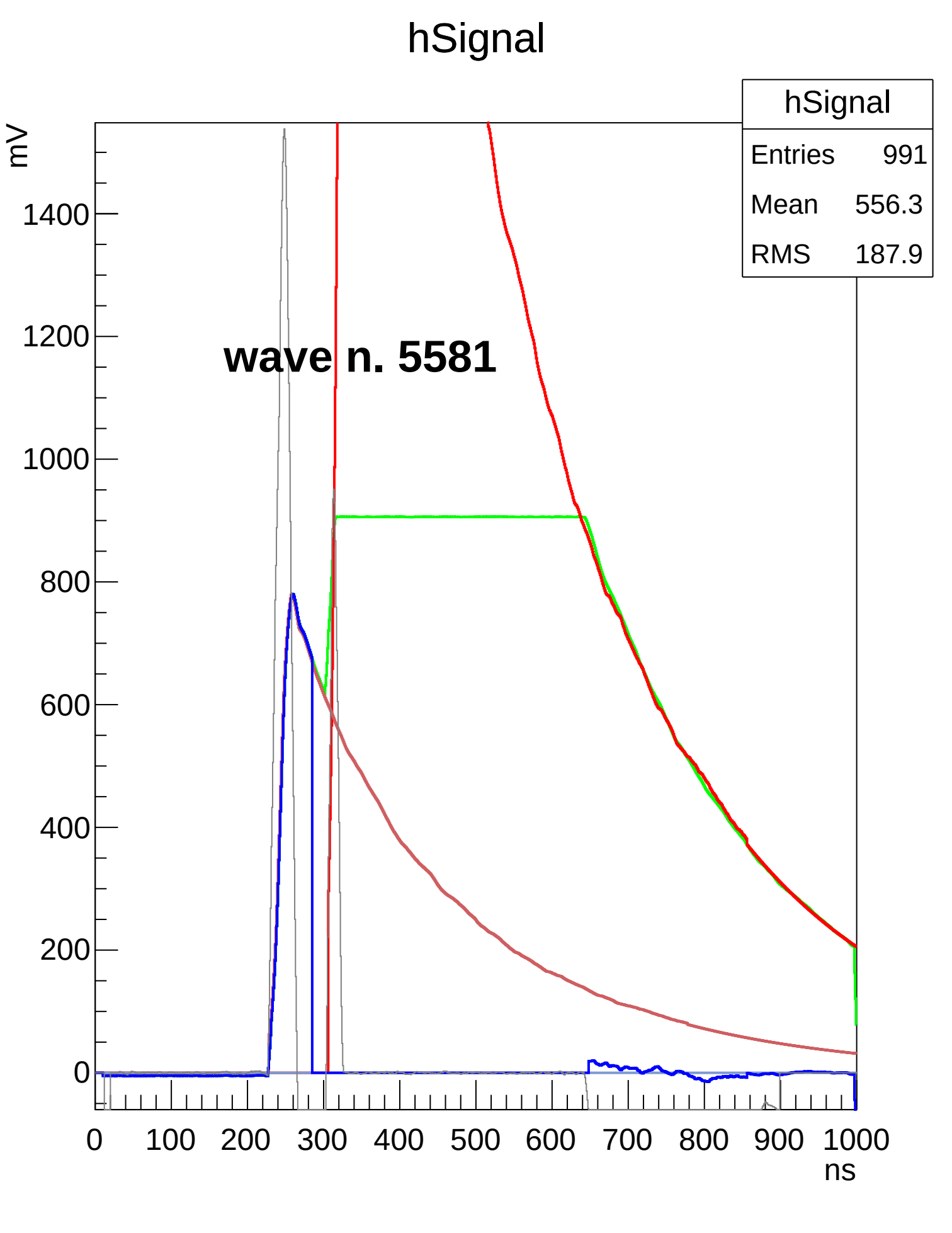
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.3
RMS 187.9
wave n. 5581
mV
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1200
1000
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600
400
200
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0
100
200
300
400
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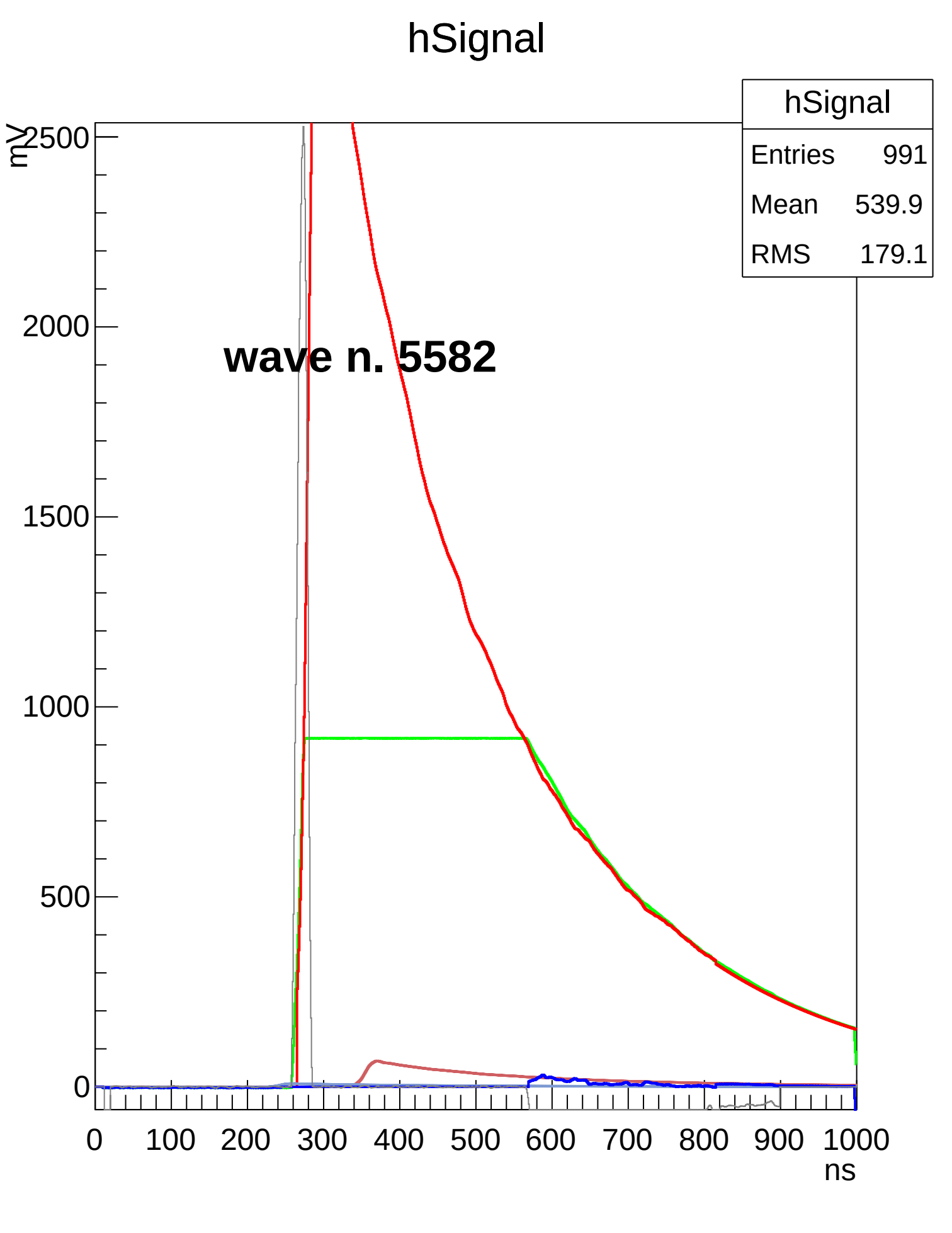
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 539.9
RMS 179.1
wave n. 5582
mV
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1500
1000
500
0
0
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300
400
500
600
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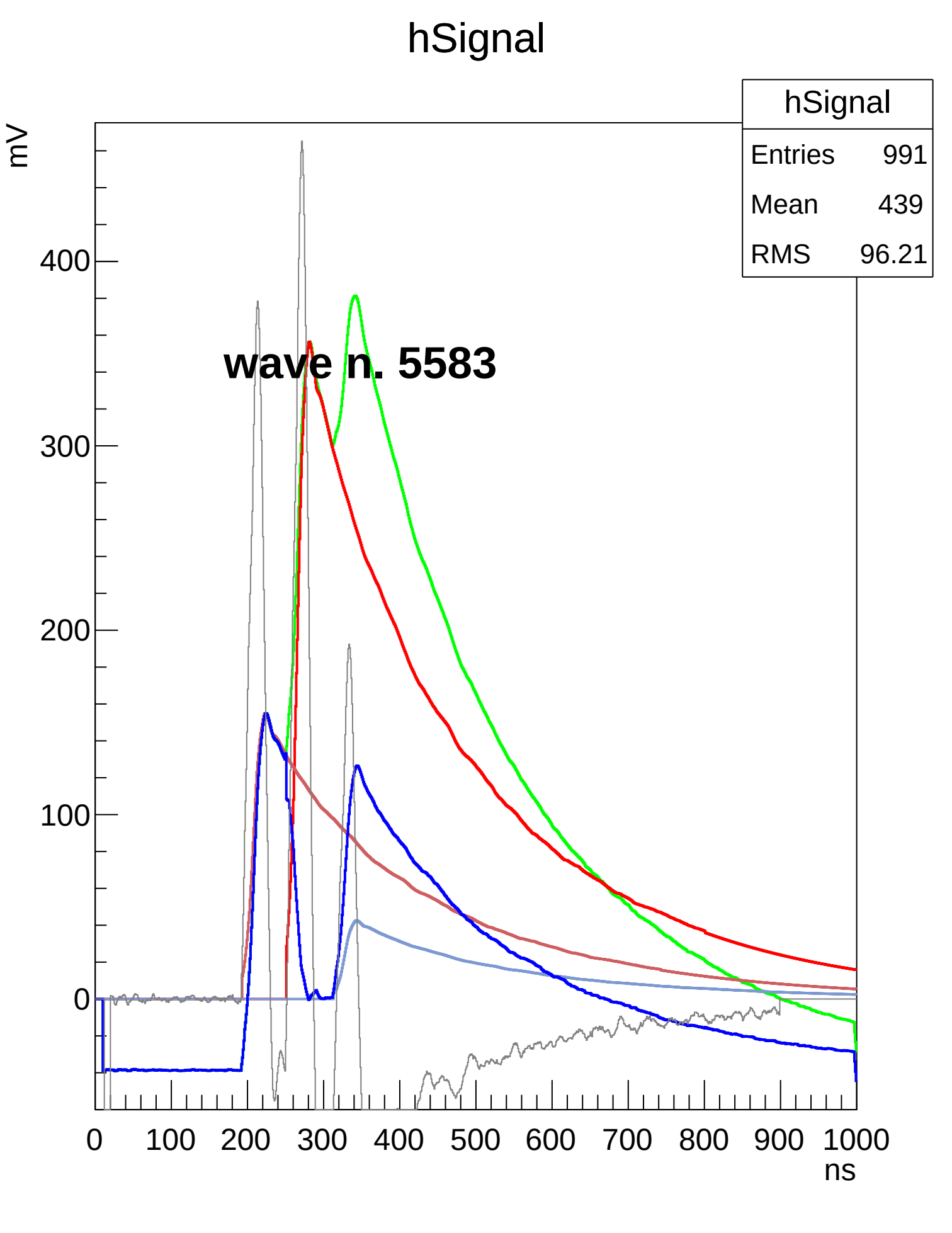
1000
ns


hSignal
hSignal
Entries 991
Mean 439
RMS 96.21
wave n. 5583
mV
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200
100
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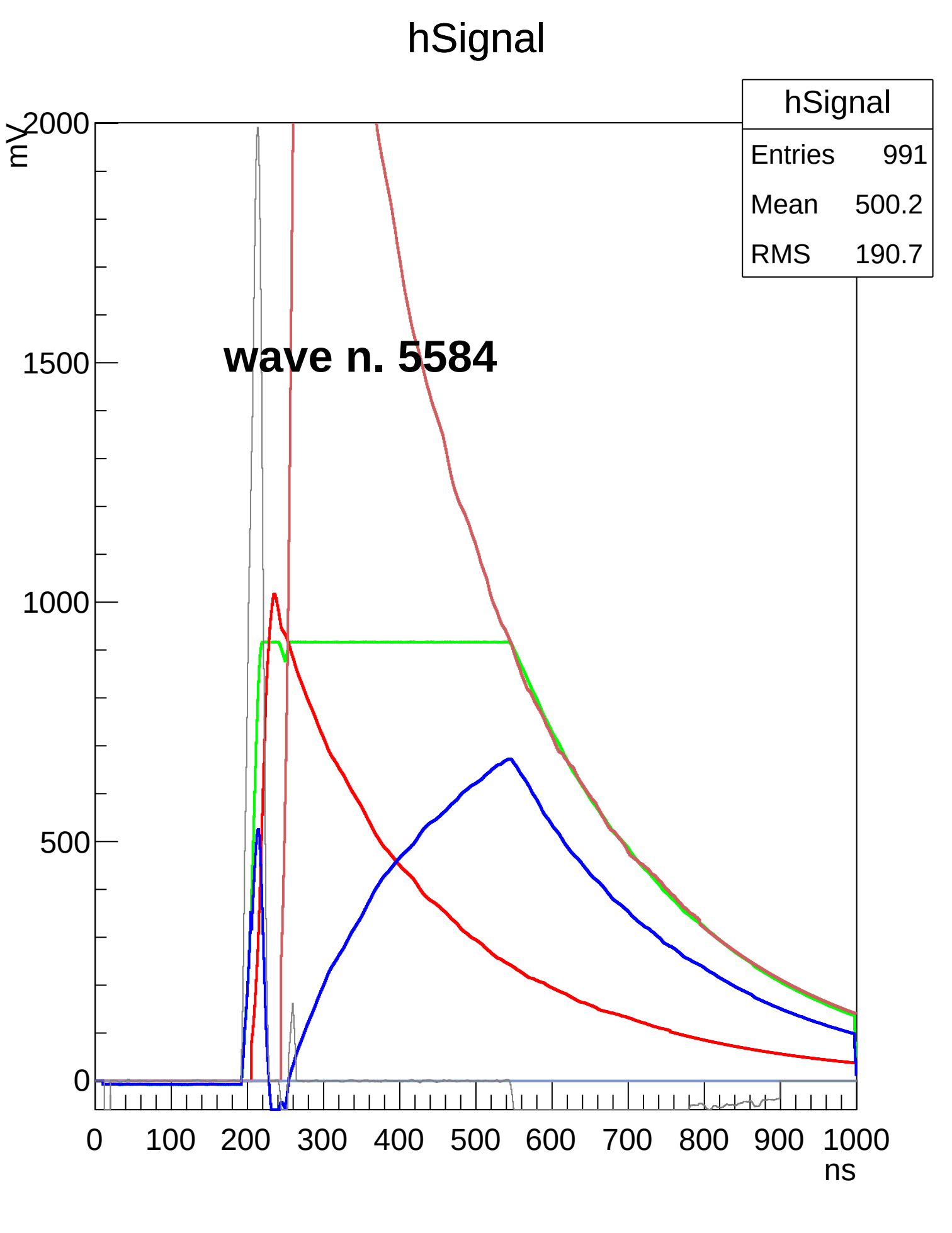
ns


hSignal
hSignal
Entries 991
Mean 500.2
RMS 190.7
wave n. 5584
mV
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1000
500
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0
100
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400
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600
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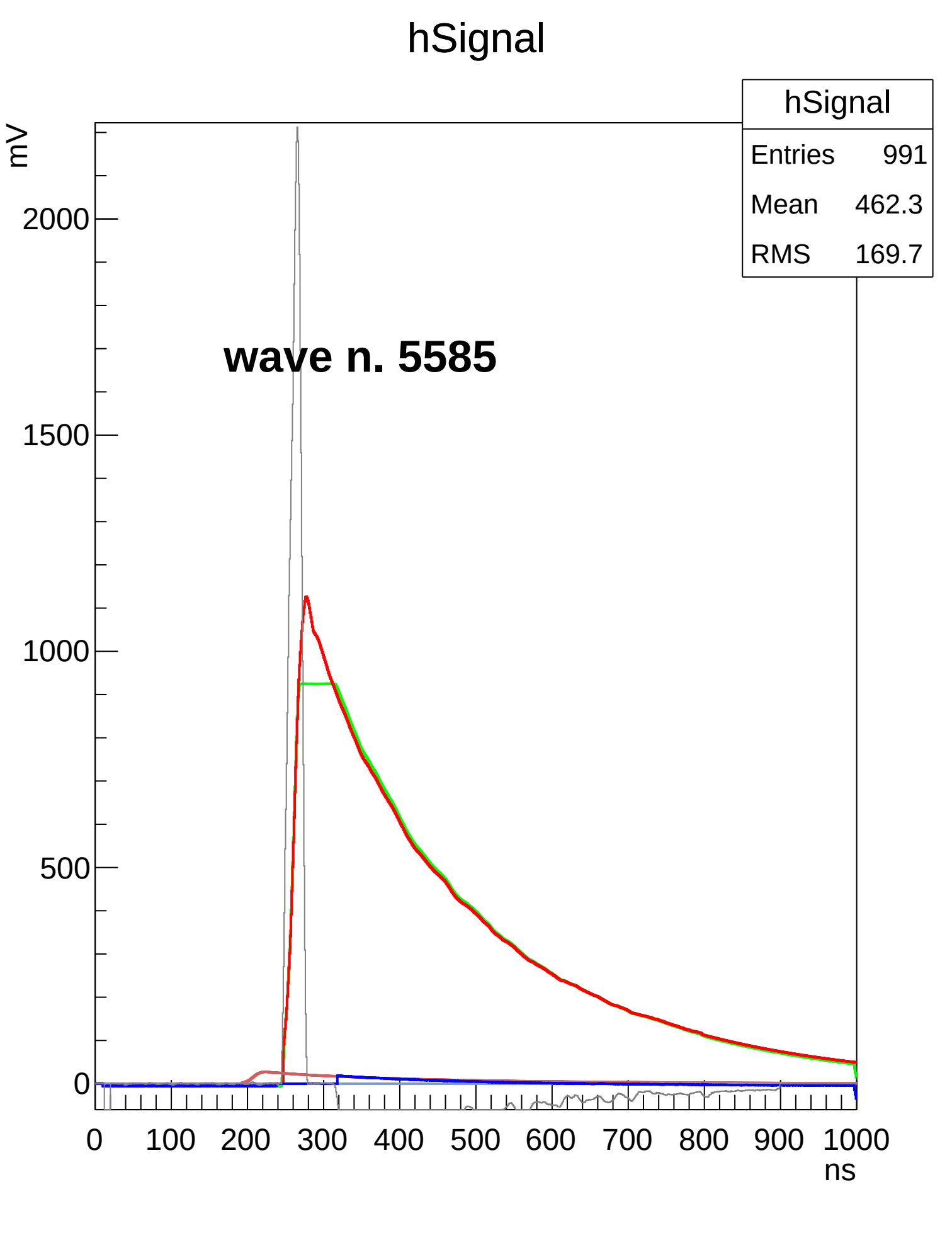
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 462.3
RMS 169.7
wave n. 5585
mV
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1500
1000
500
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0
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200
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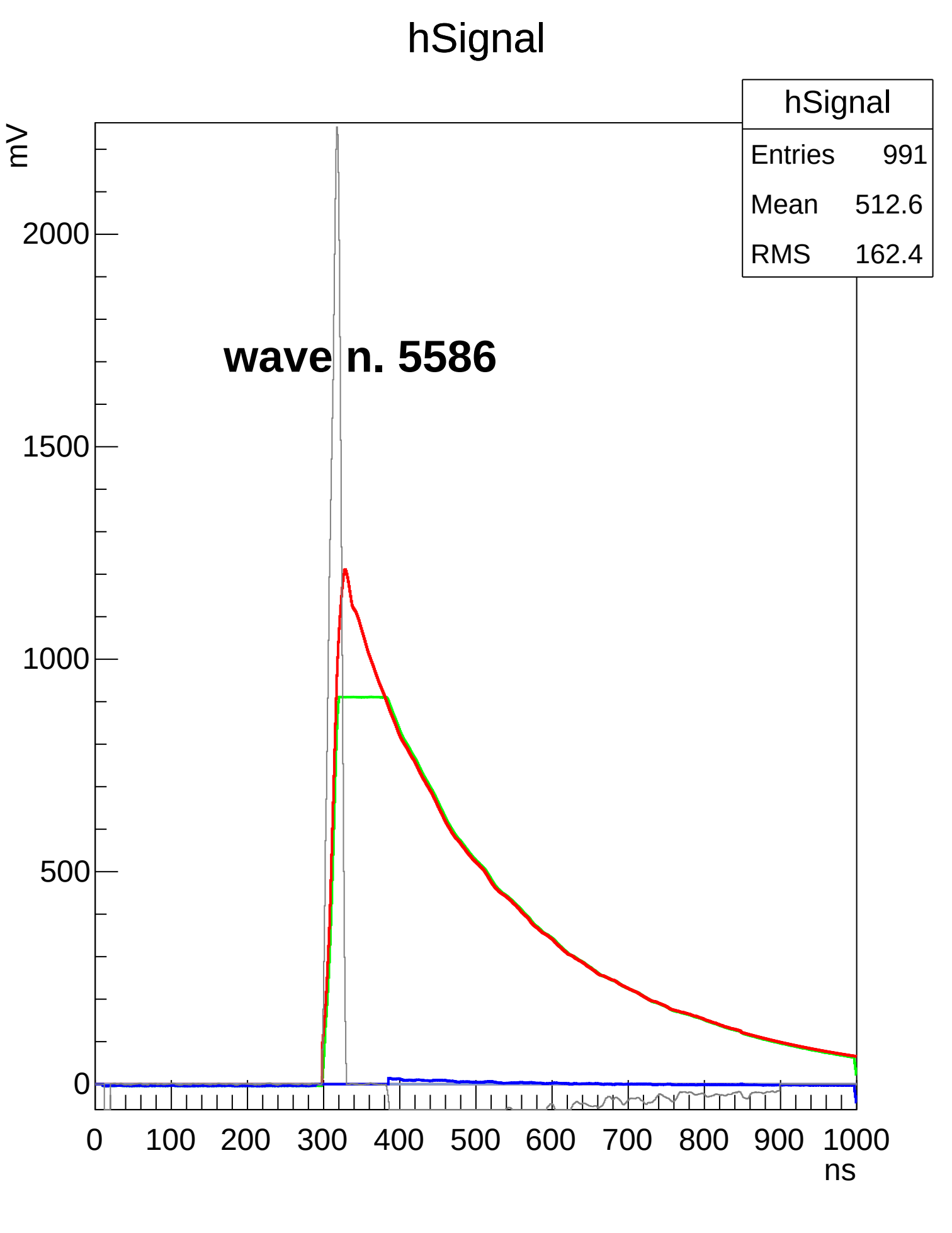
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.6
RMS 162.4
wave n. 5586
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0
0
100
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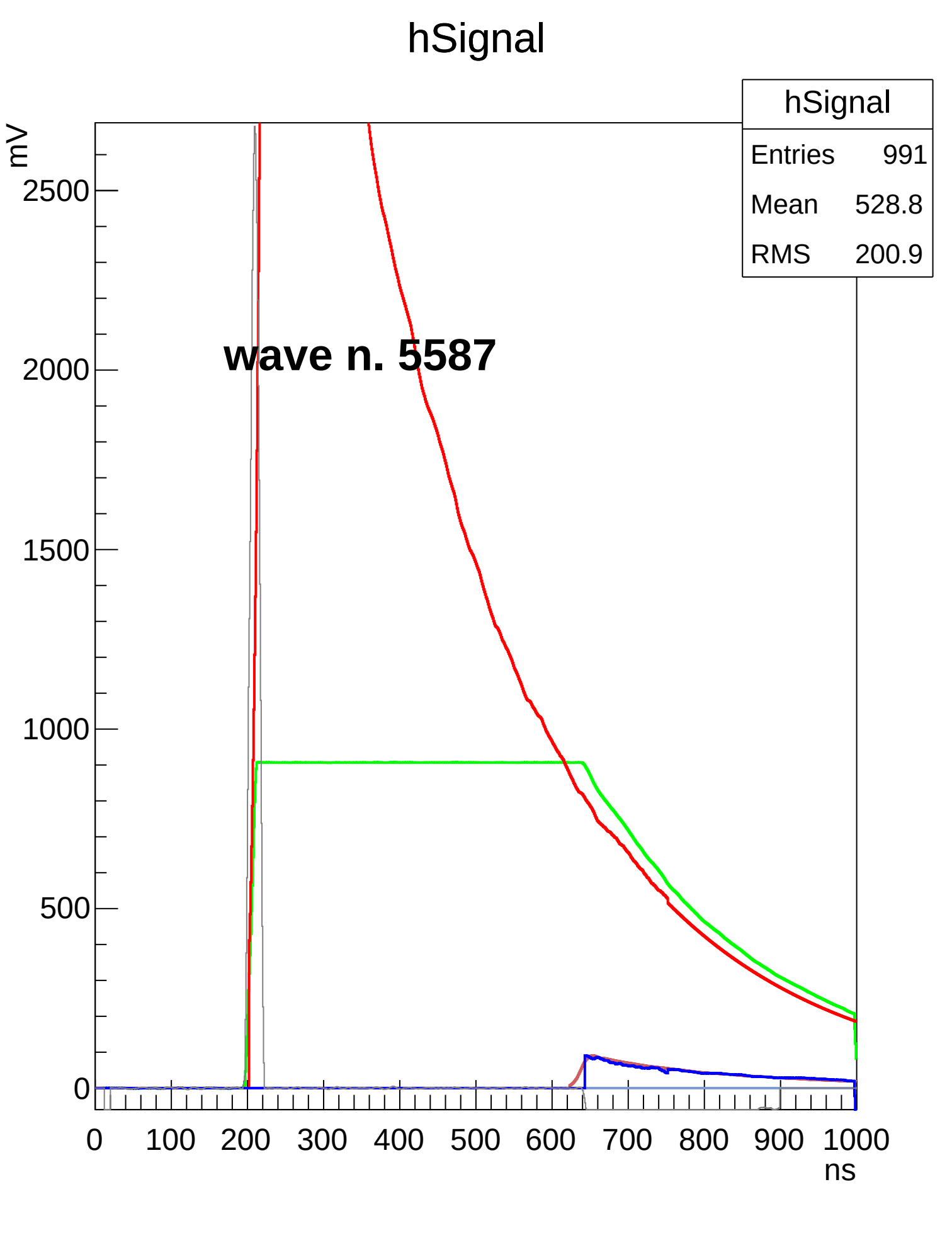
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 528.8
RMS 200.9
wave n. 5587
mV
2500
2000
1500
1000
500
0
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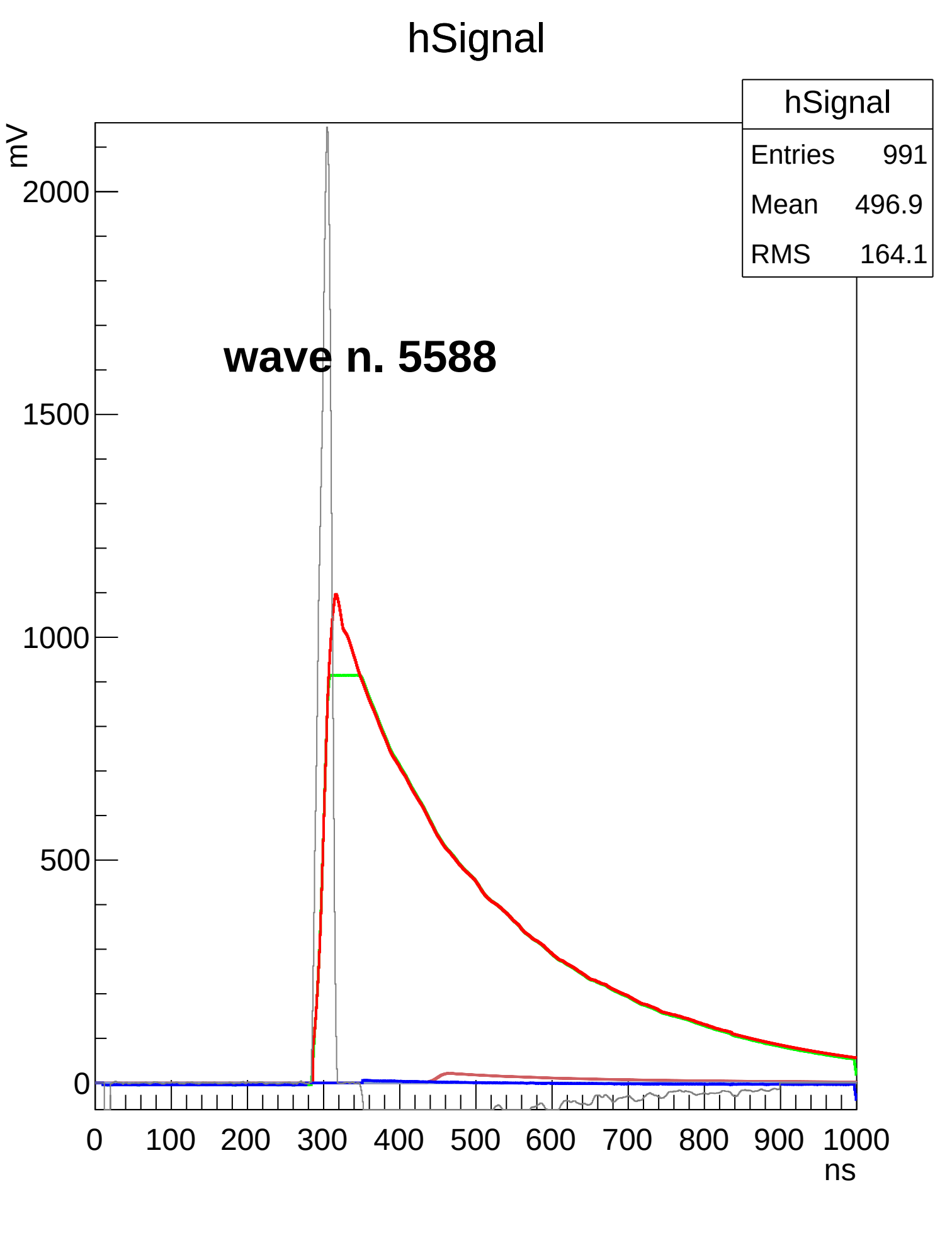
ns


hSignal
hSignal
Entries 991
Mean 496.9
RMS 164.1
wave n. 5588
mV
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1500
1000
500
0
0
100
200
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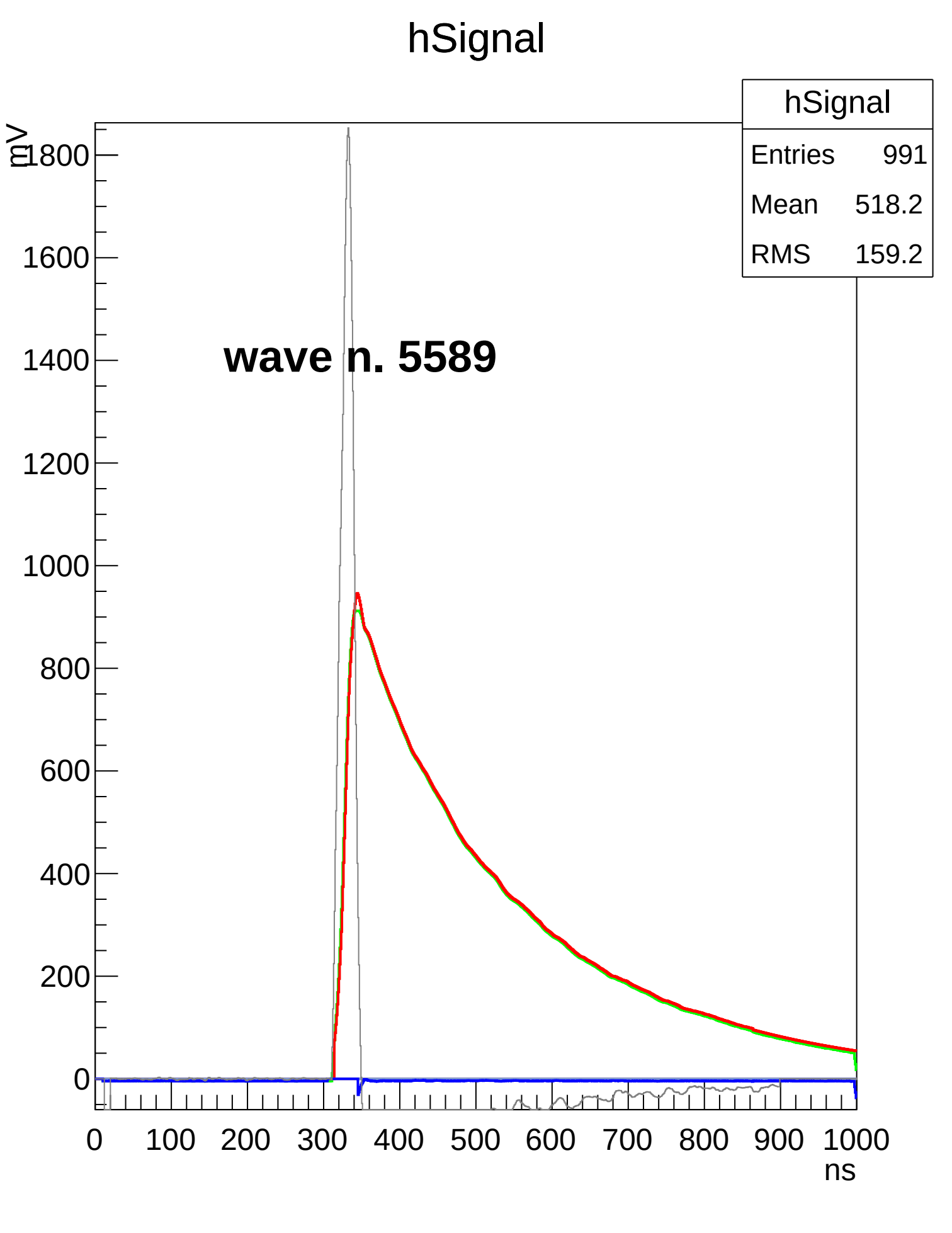
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.2
RMS 159.2
wave n. 5589
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1600
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1200
1000
800
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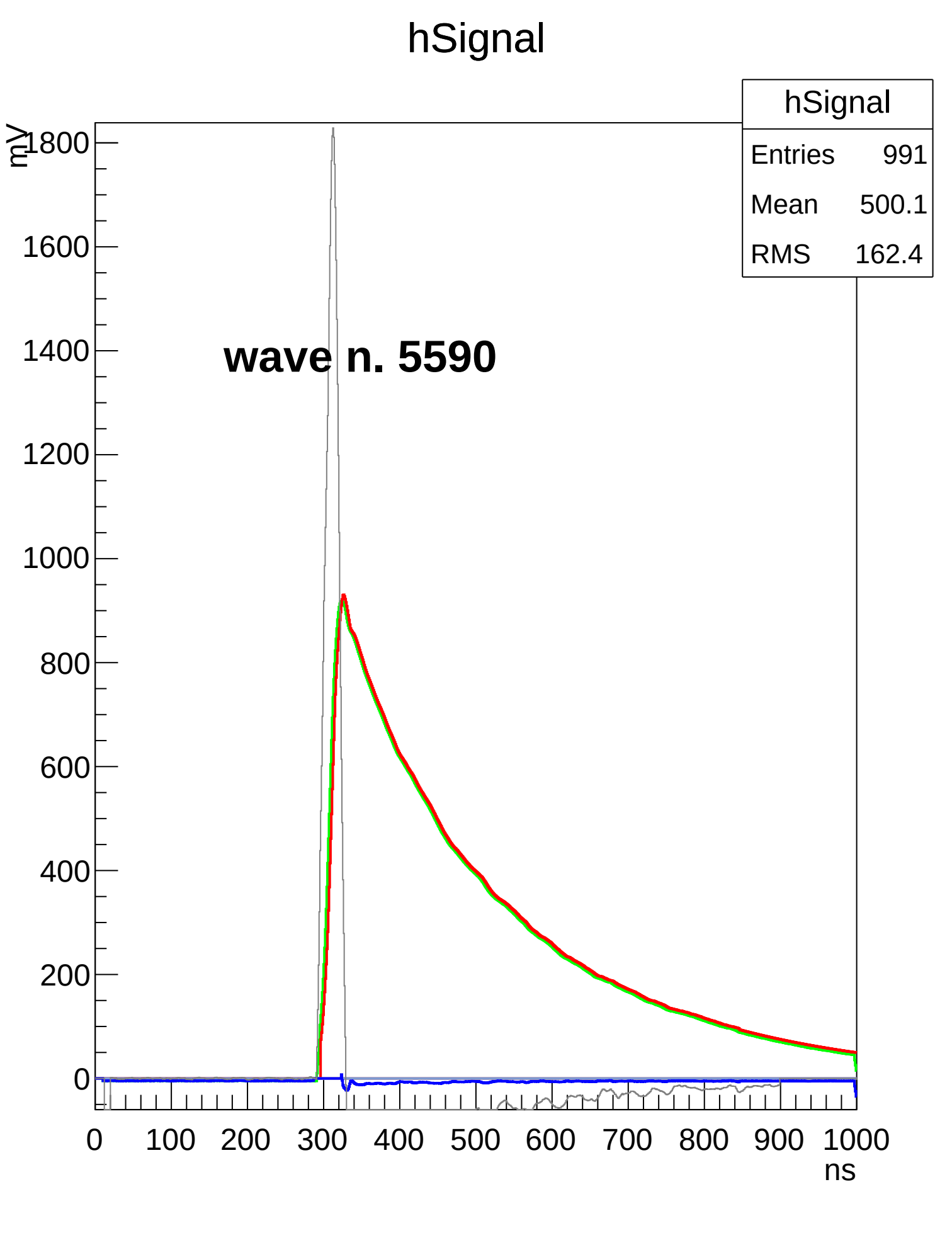
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 500.1
RMS 162.4
wave n. 5590
mV
1800
1600
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0
100
200
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400
500
600
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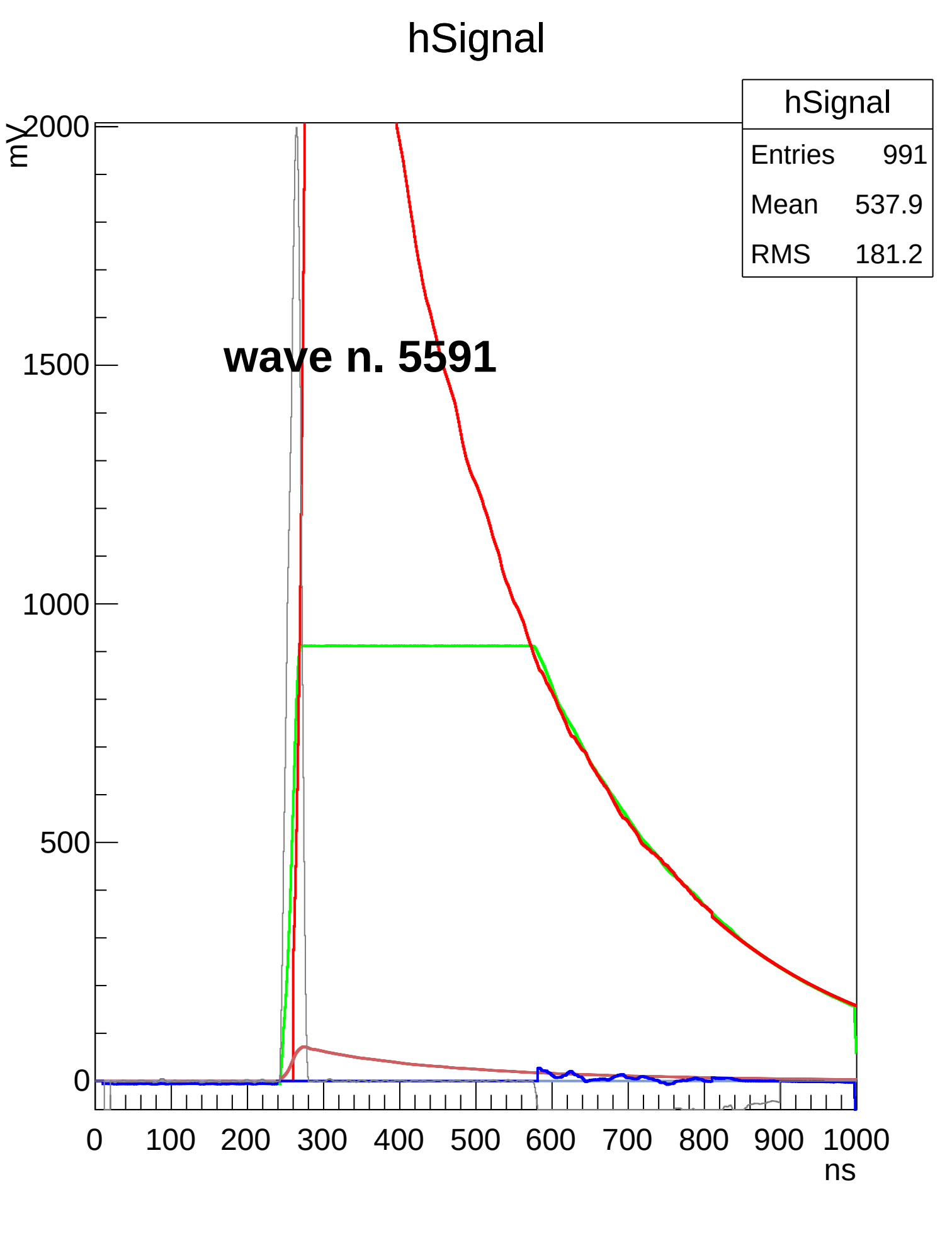
1000
ns


hSignal
hSignal
Entries 991
Mean 537.9
RMS 181.2
wave n. 5591
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800
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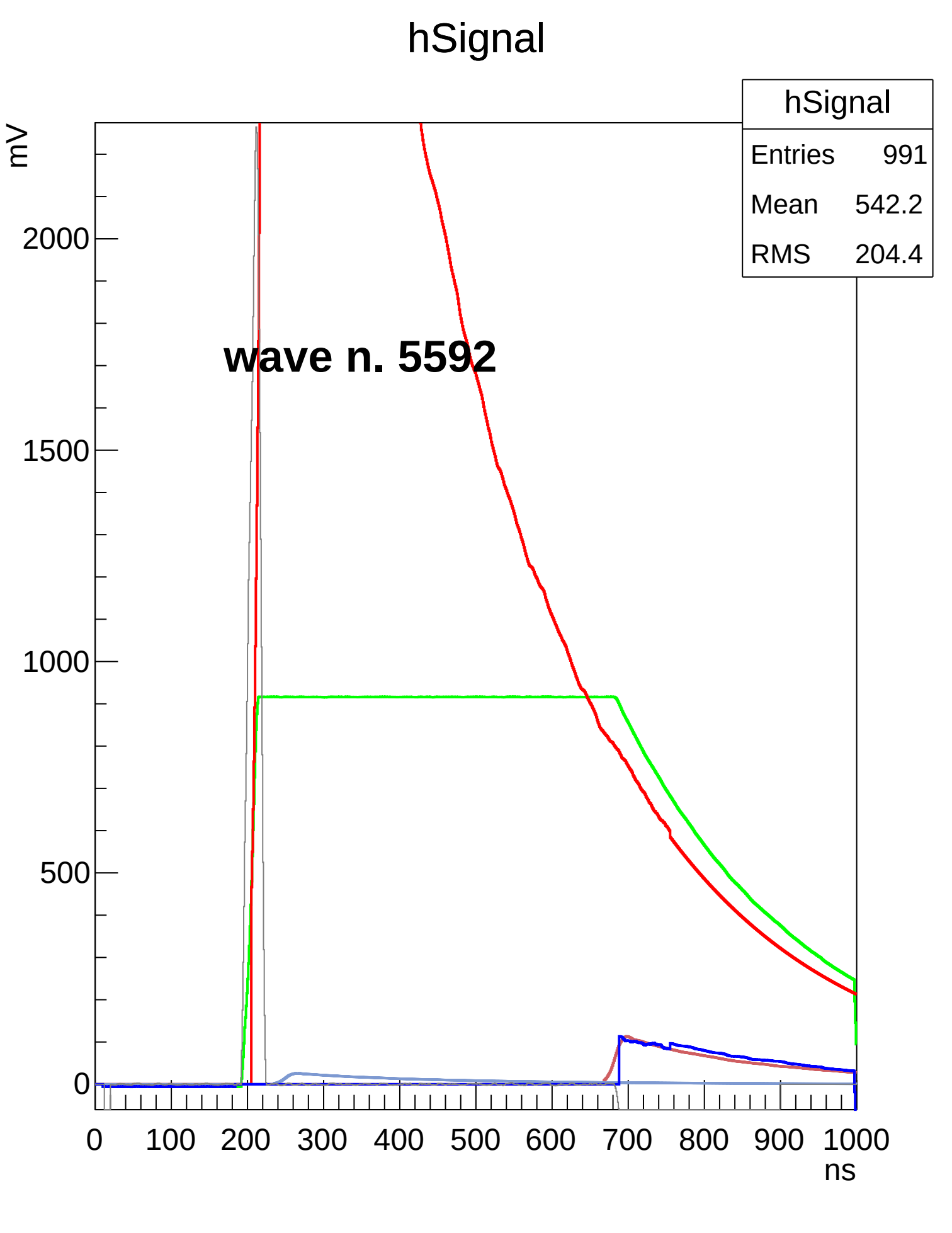
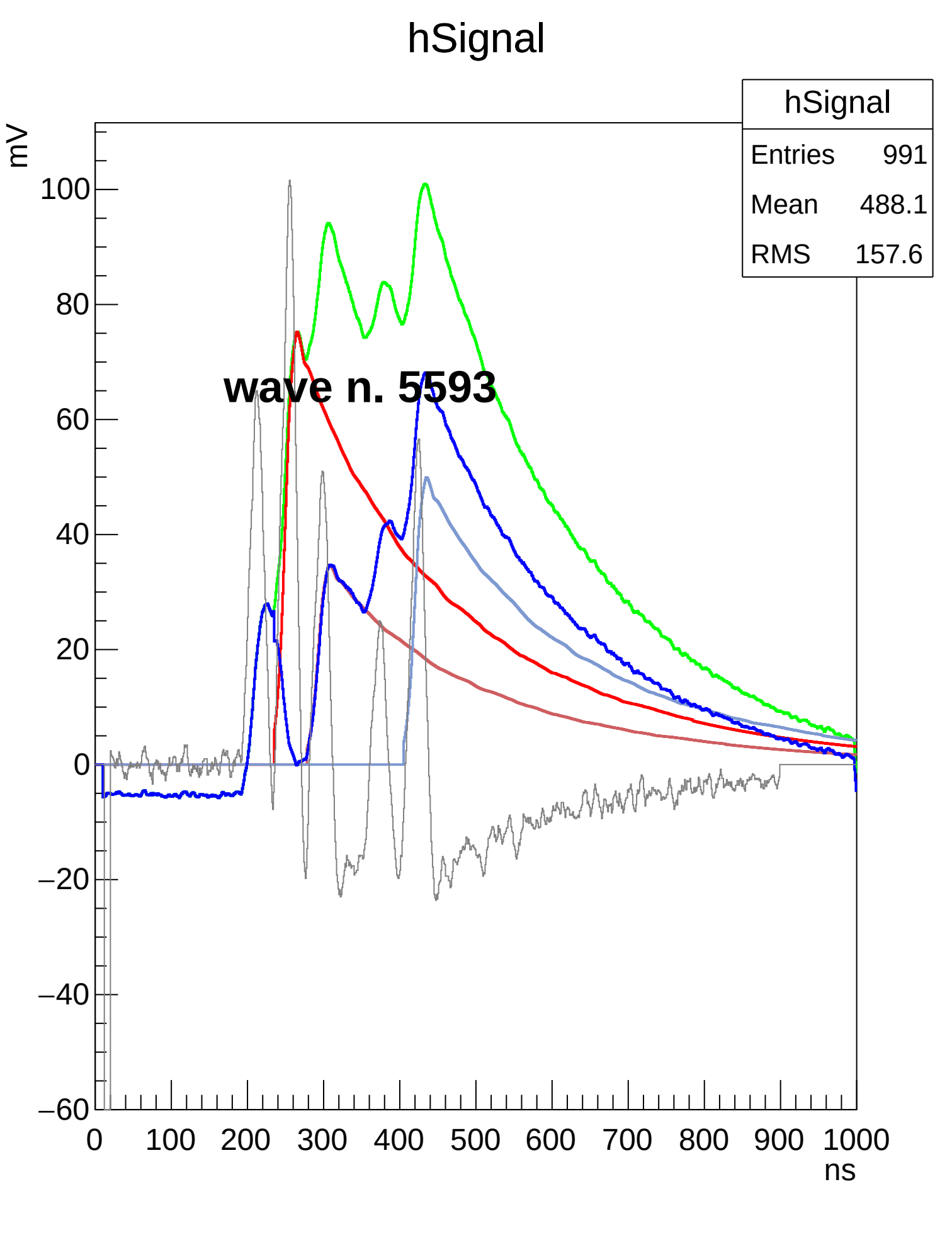
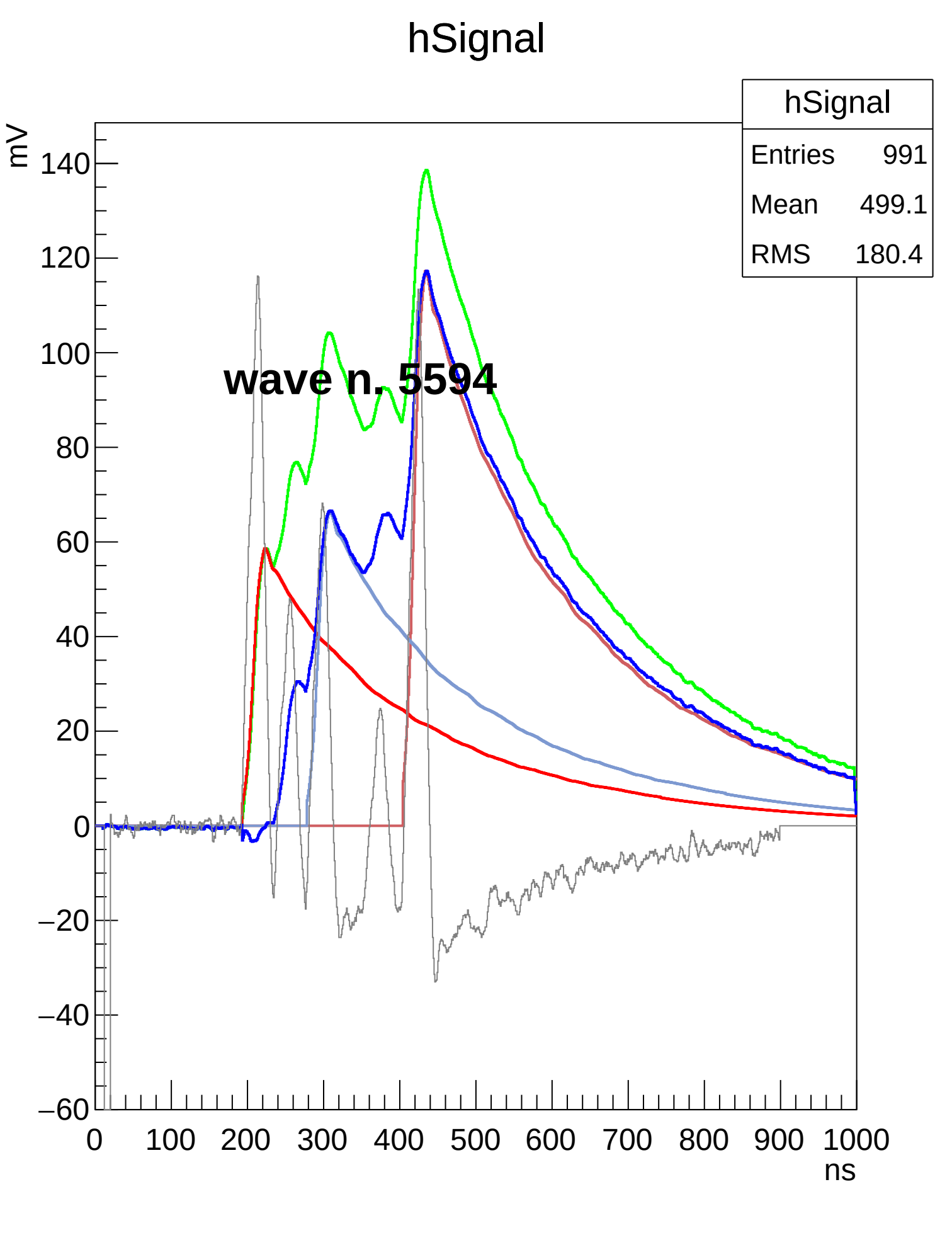
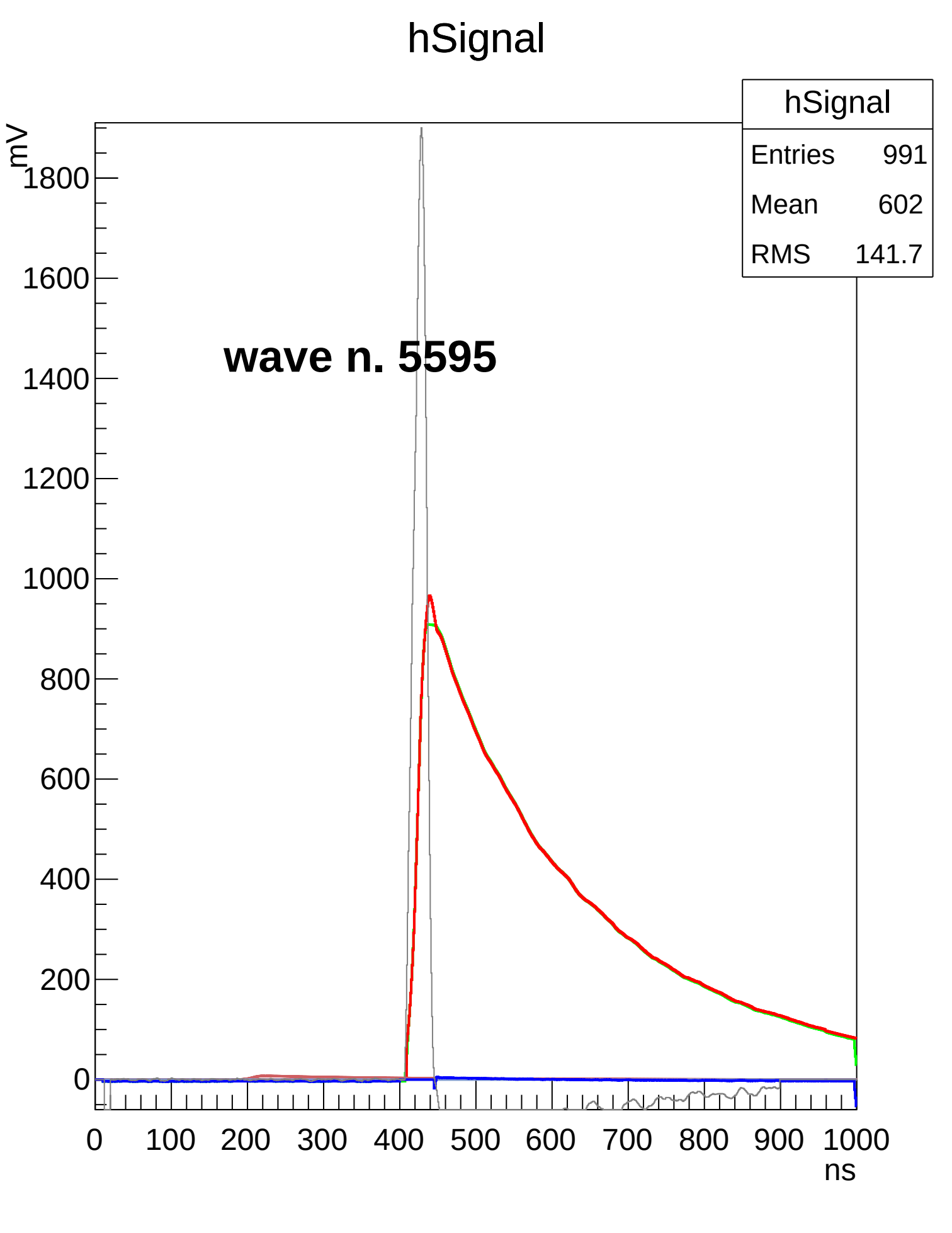
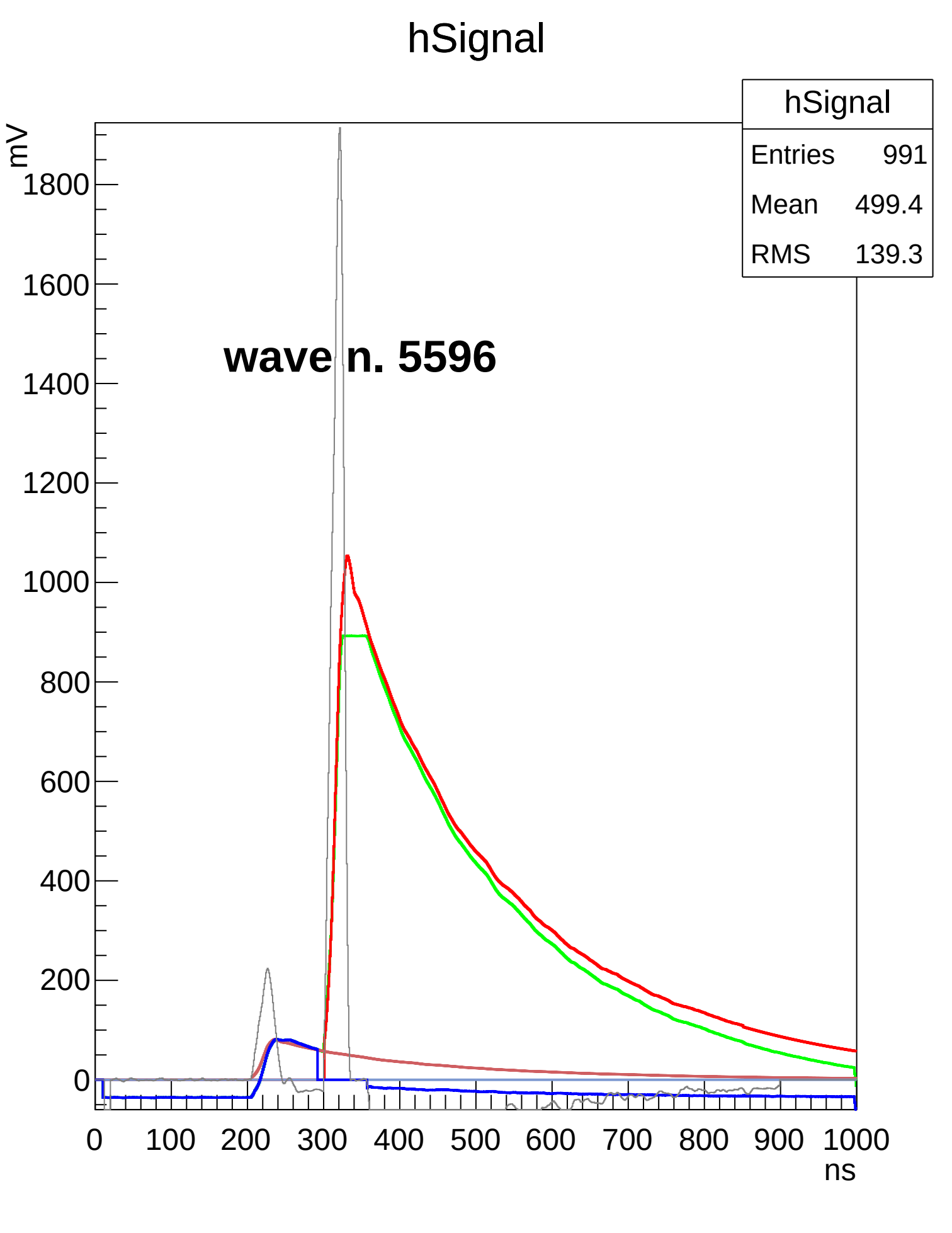
1000
ns

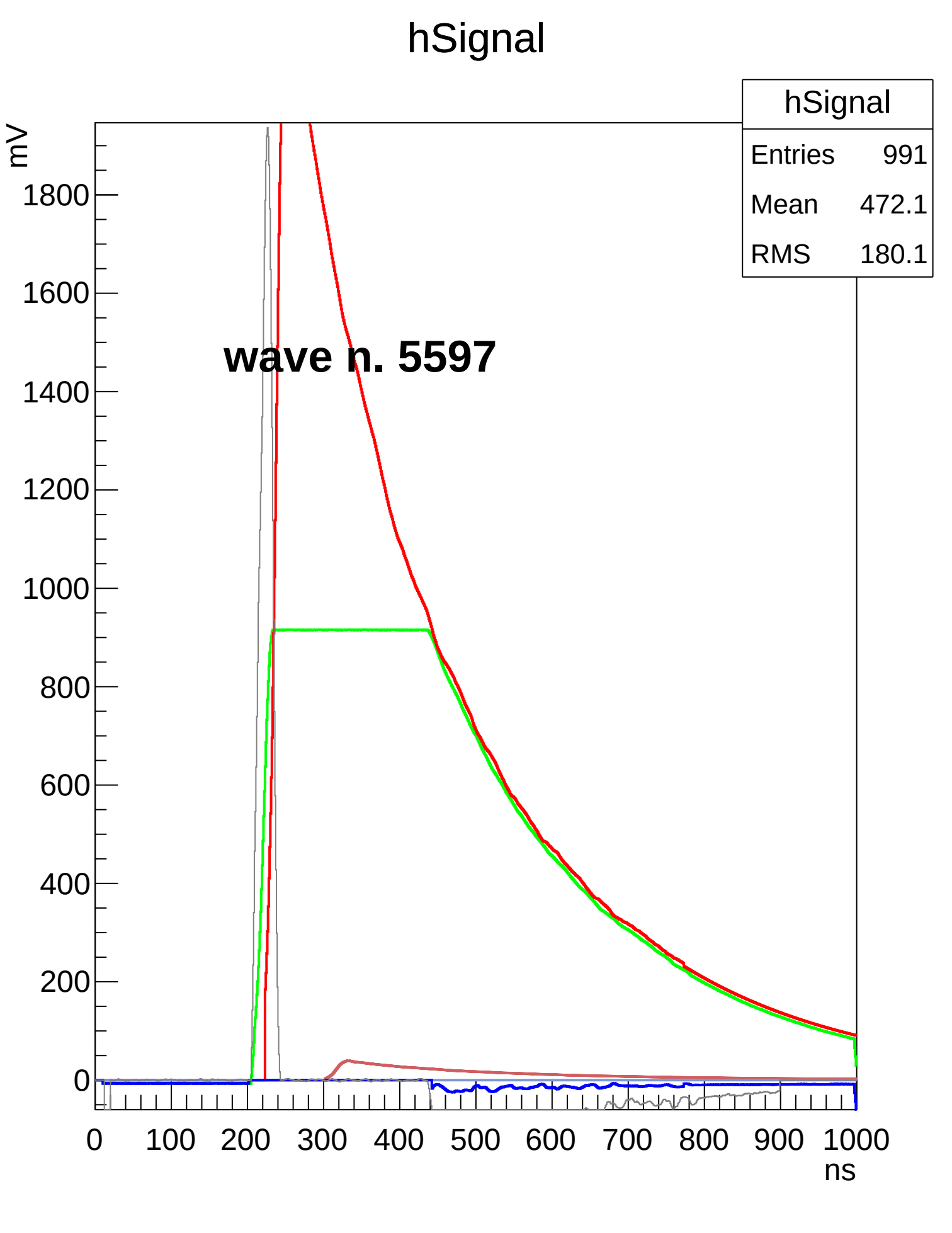

hSignal
hSignal
Entries 991
Mean 542.2
RMS 204.4
wave n. 5592
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

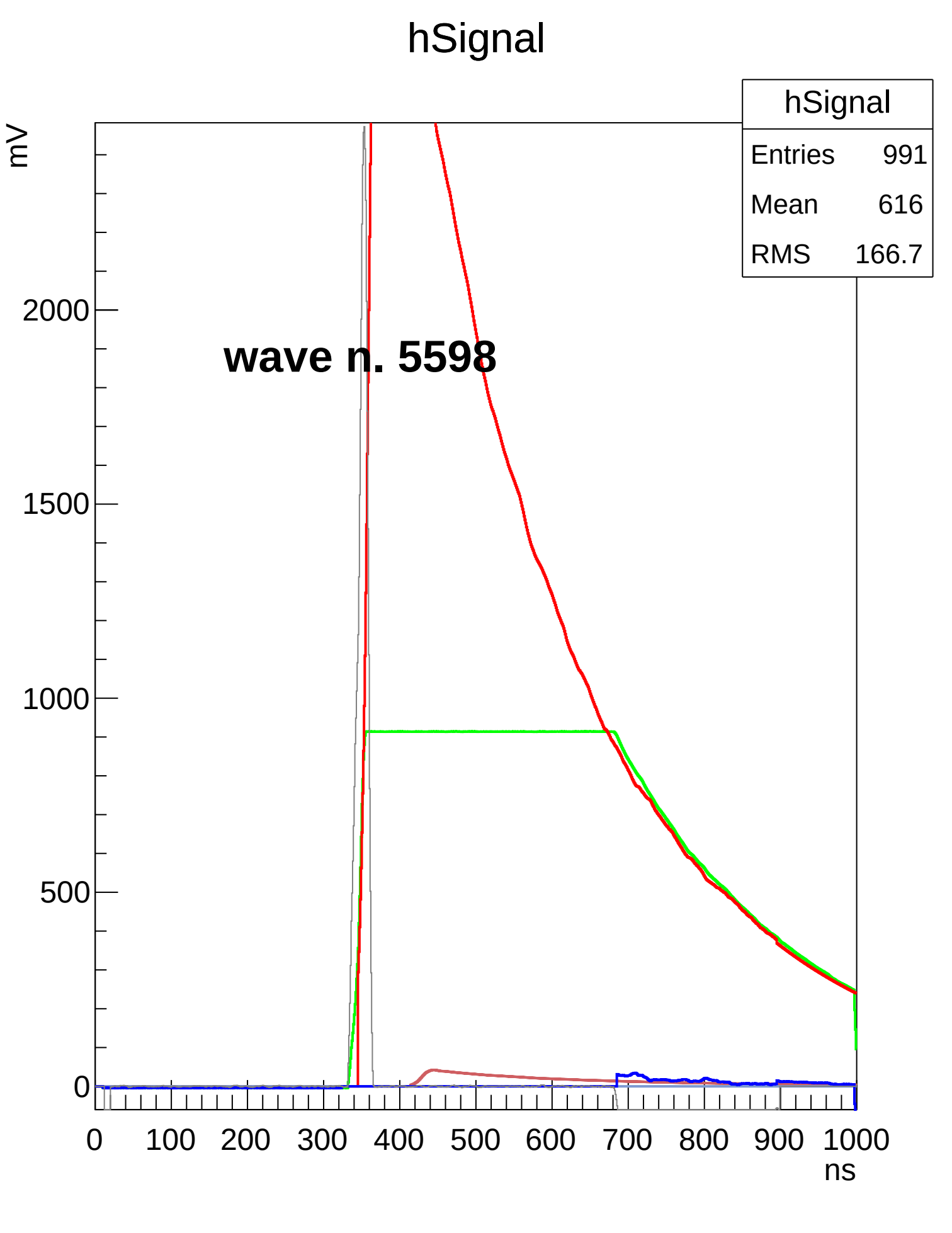

hSignal
hSignal
Entries 991
Mean 488.1
RMS 157.6
wave n. 5593
mV
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns

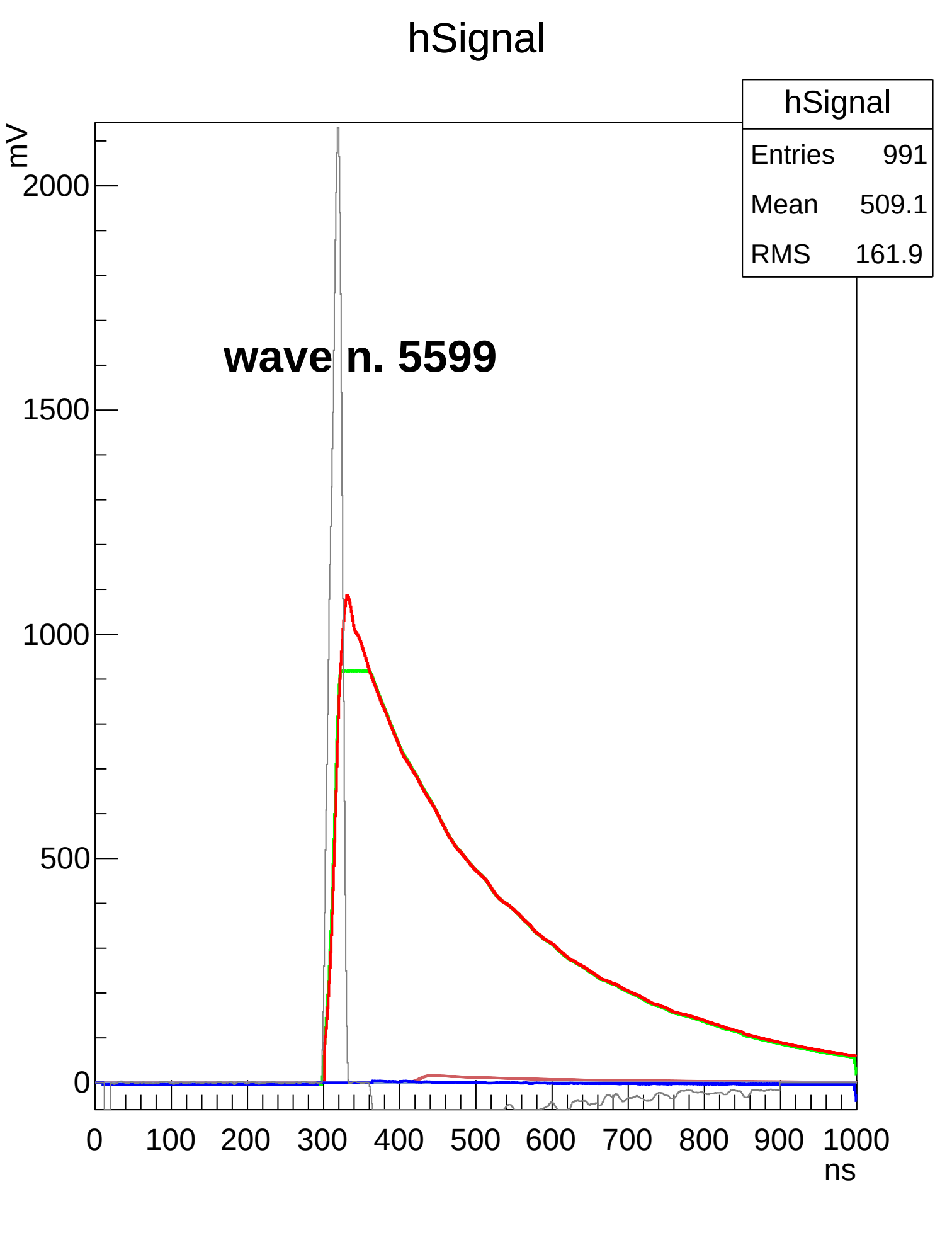

hSignal
hSignal
Entries 991
Mean 499.1
RMS 180.4
wave n. 5594
mV
140
120
100
80
60
40
20
0
−20
−40
−60
0
100
200
300
400
500
600
700
800
900
1000
ns

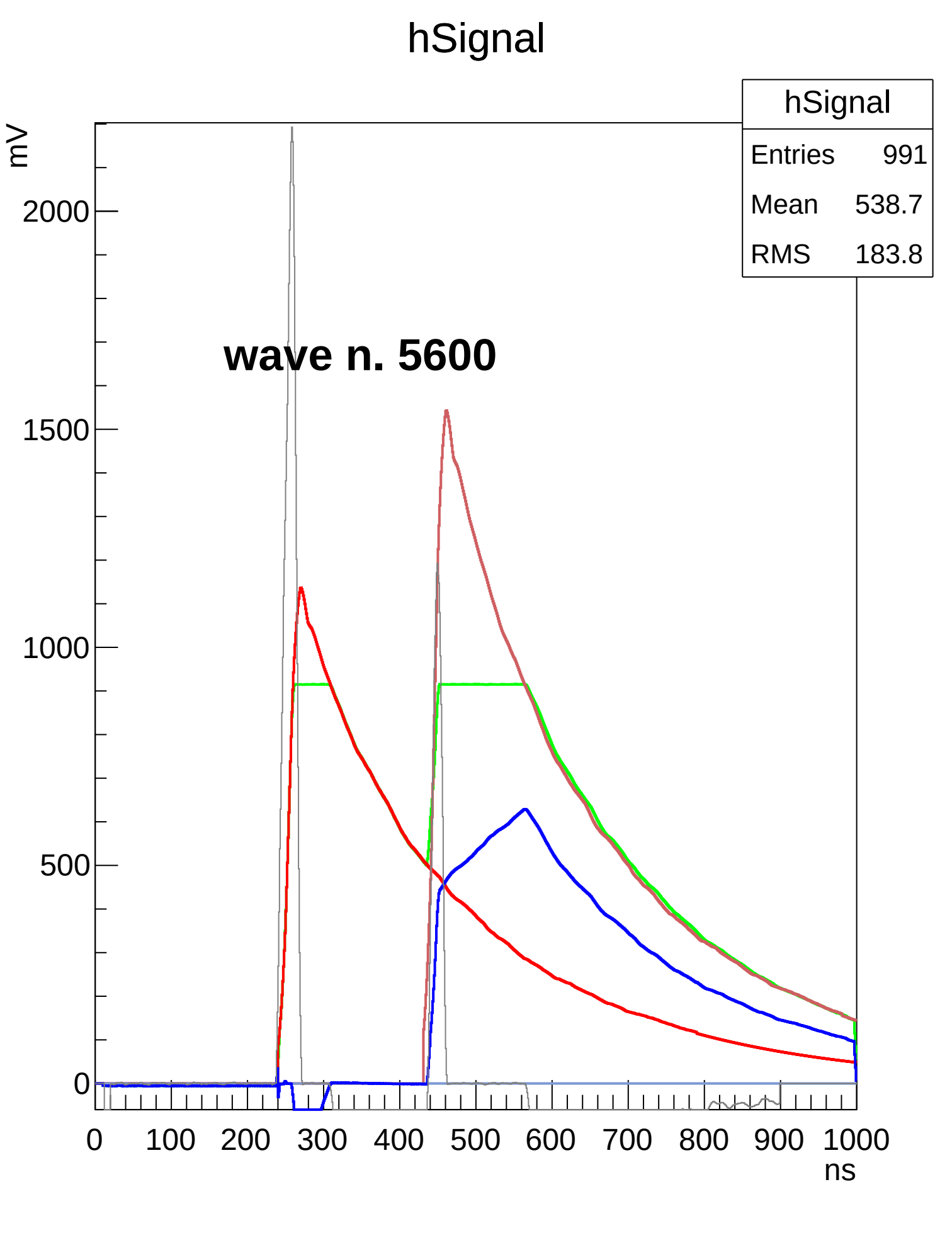

hSignal
hSignal
Entries 991
Mean 602
RMS 141.7
wave n. 5595
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

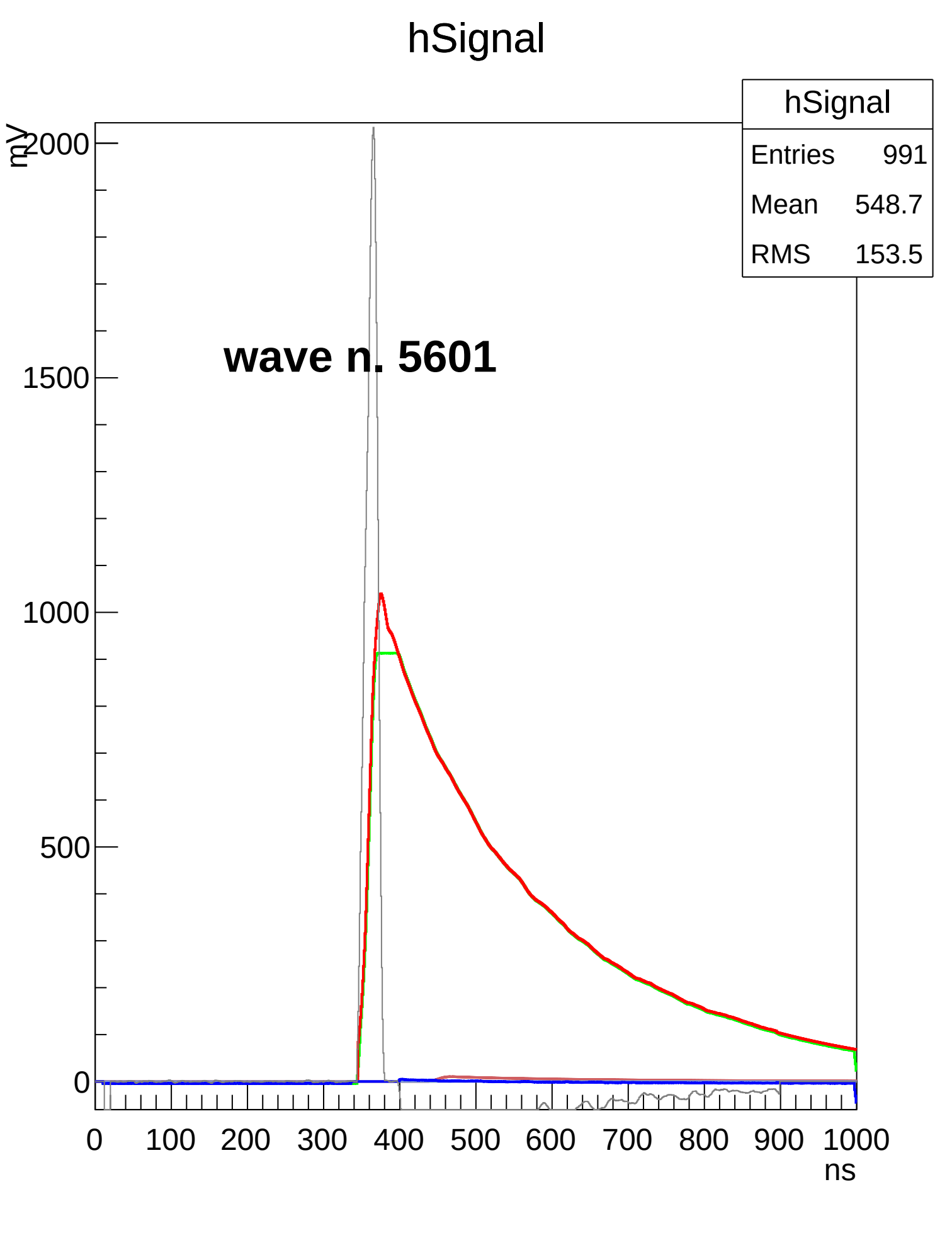

hSignal
hSignal
Entries 991
Mean 499.4
RMS 139.3
wave n. 5596
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

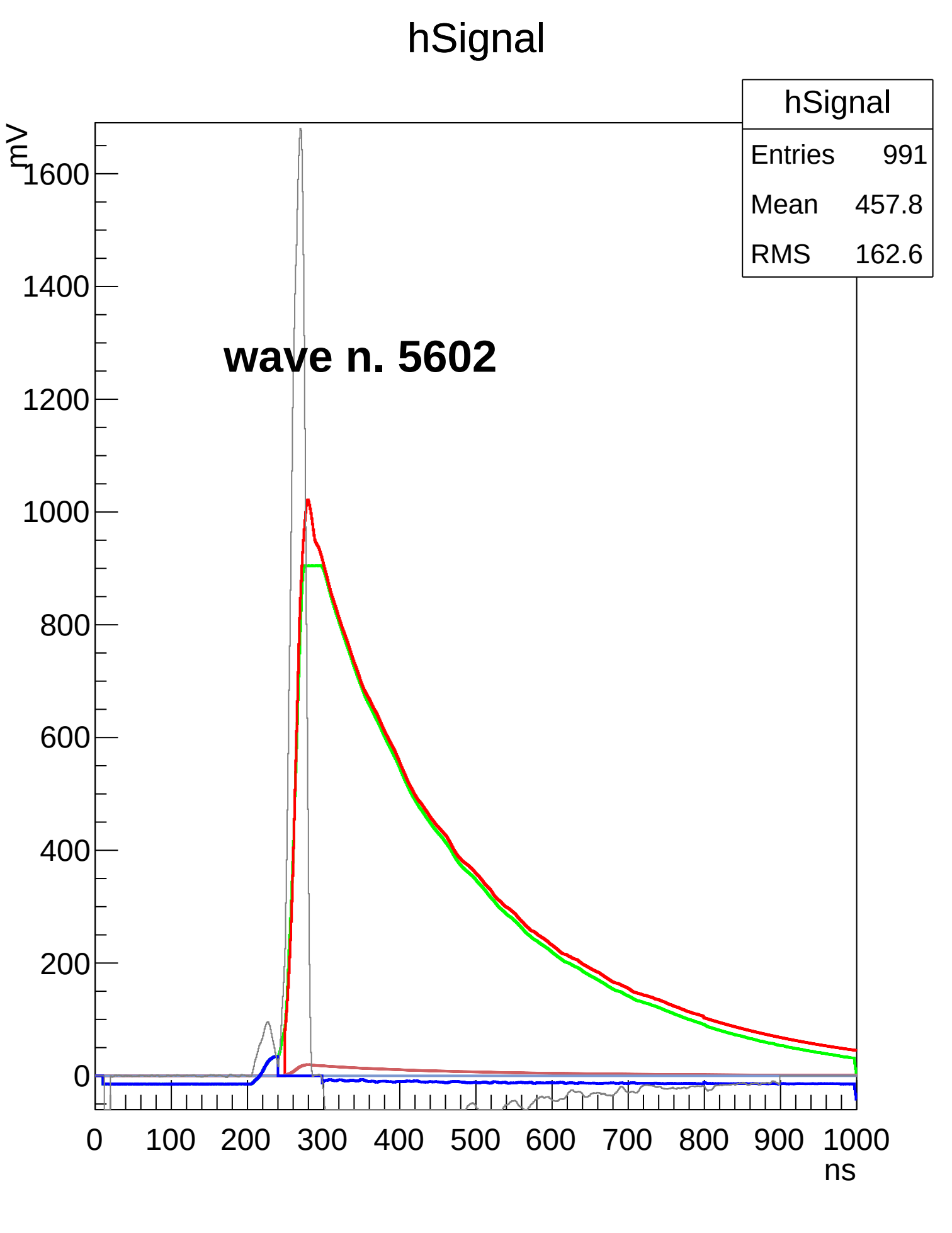

hSignal
hSignal
Entries 991
Mean 472.1
RMS 180.1
wave n. 5597
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

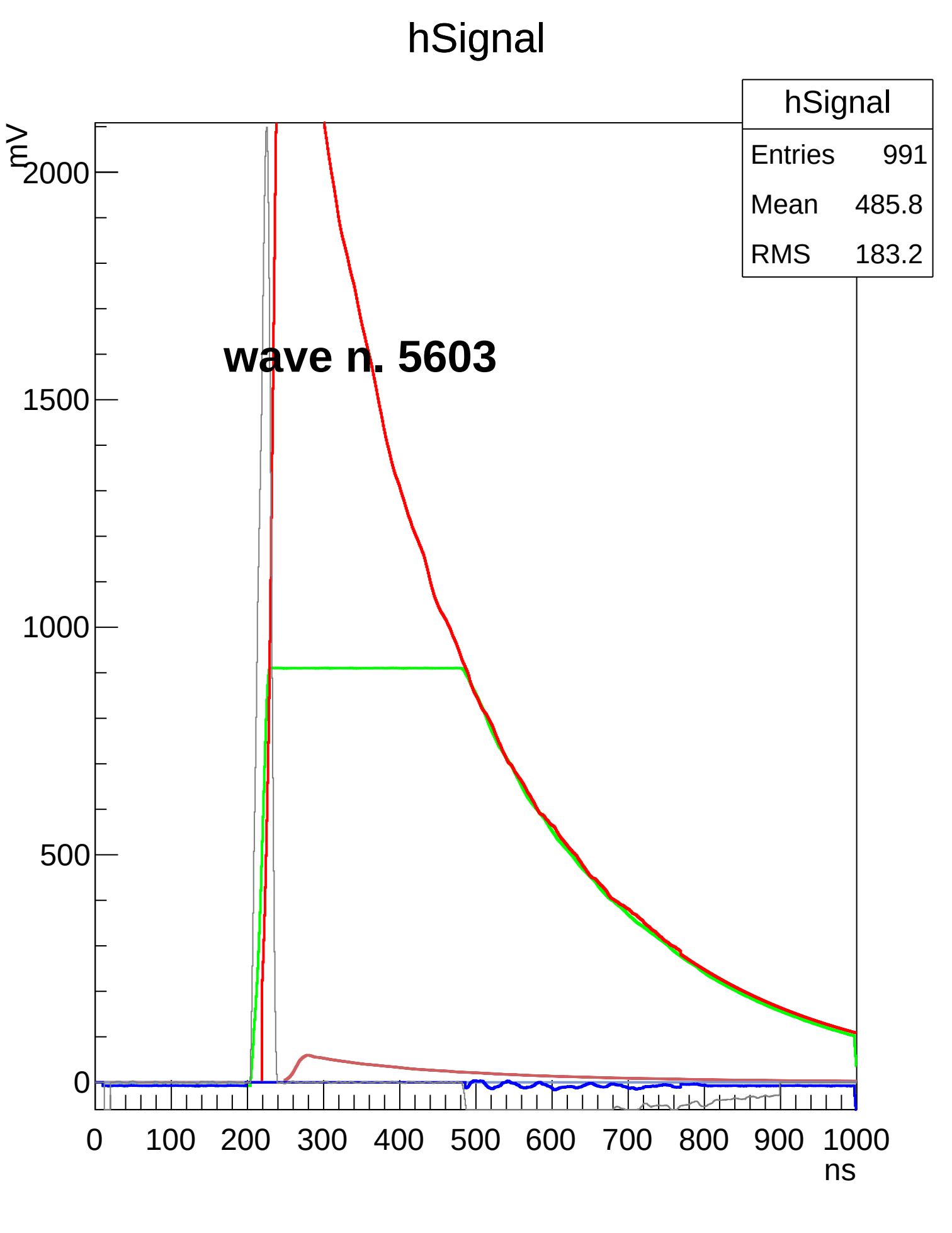

hSignal
hSignal
Entries 991
Mean 616
RMS 166.7
wave n. 5598
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

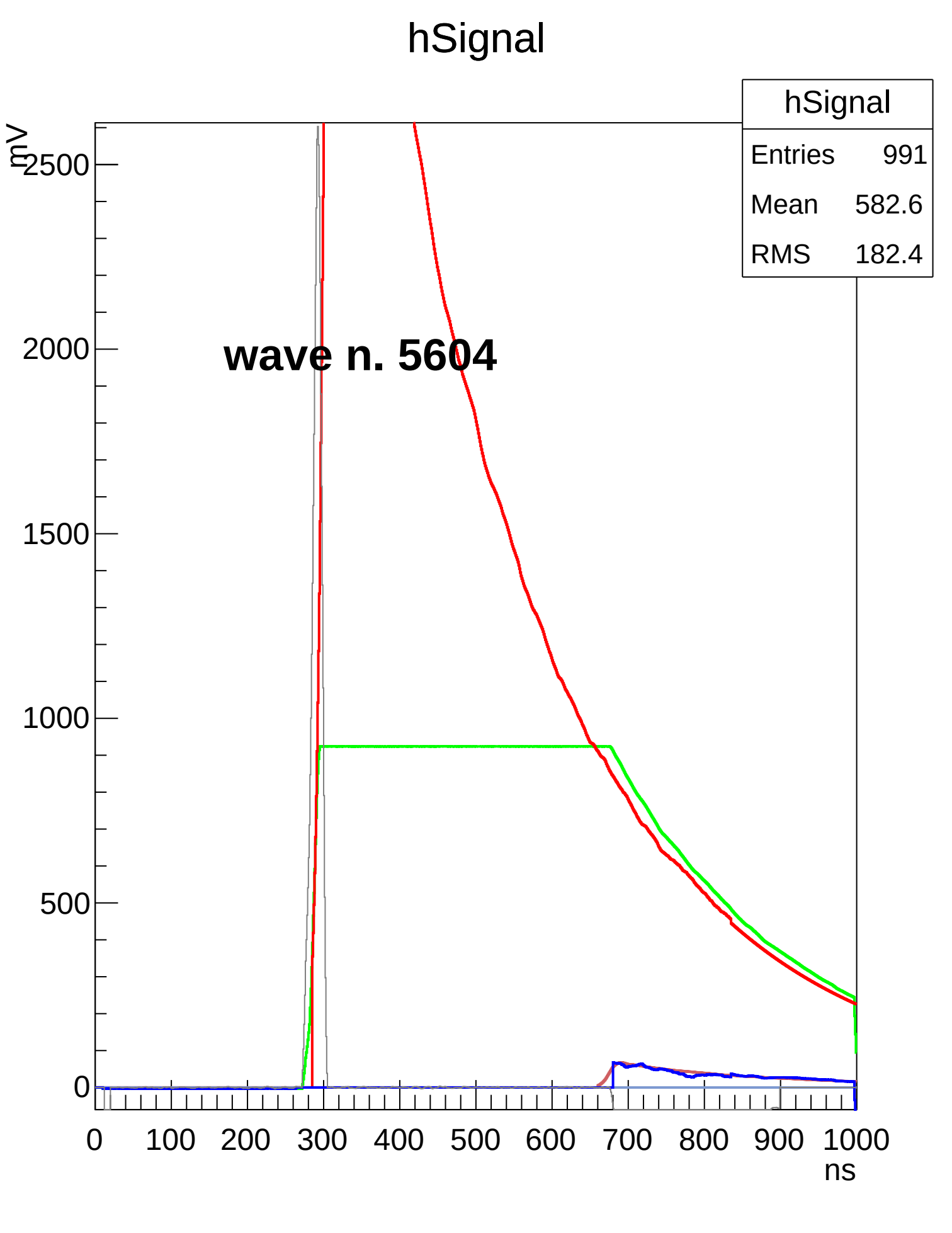

hSignal
hSignal
Entries 991
Mean 509.1
RMS 161.9
wave n. 5599
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

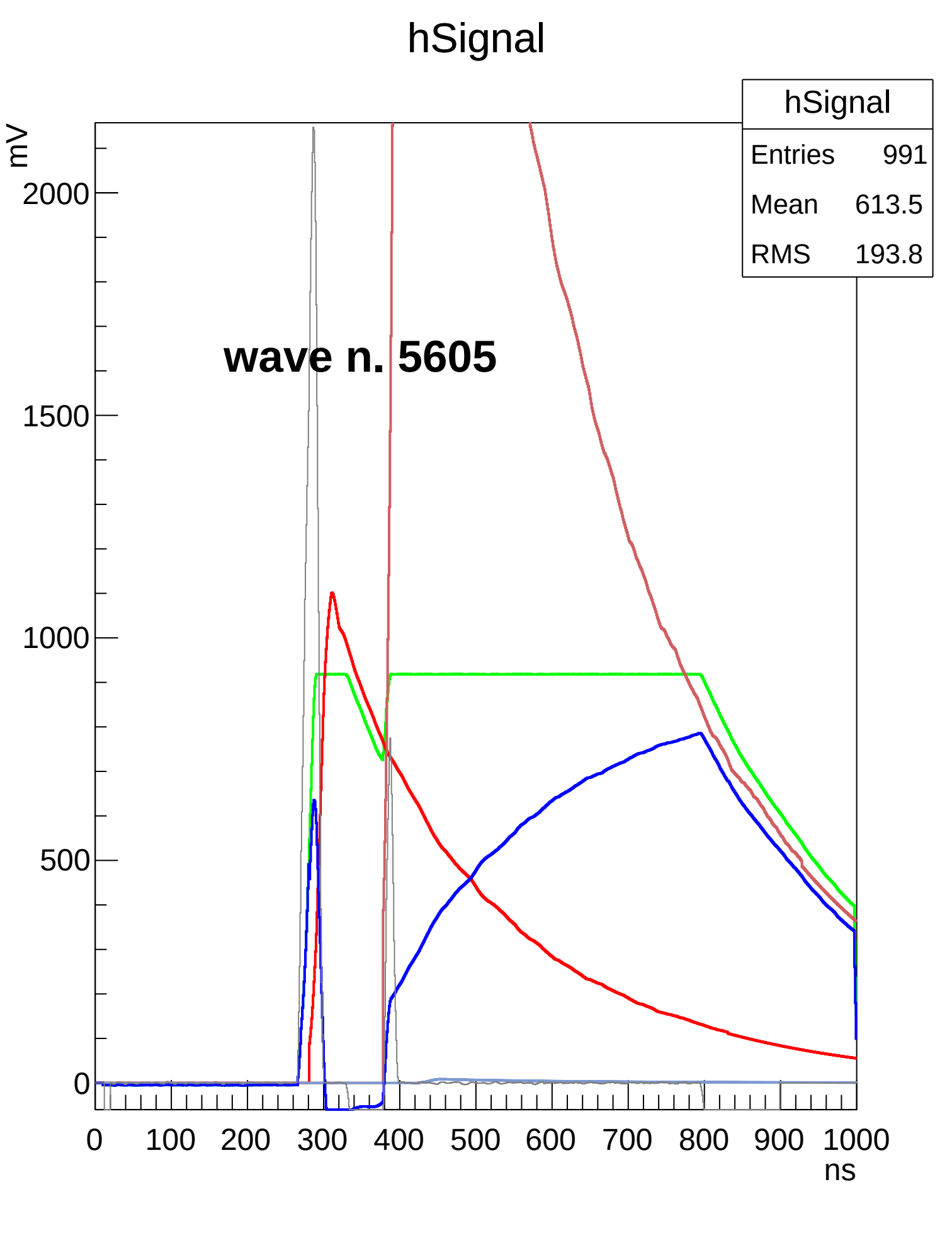

hSignal
hSignal
Entries 991
Mean 538.7
RMS 183.8
wave n. 5600
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

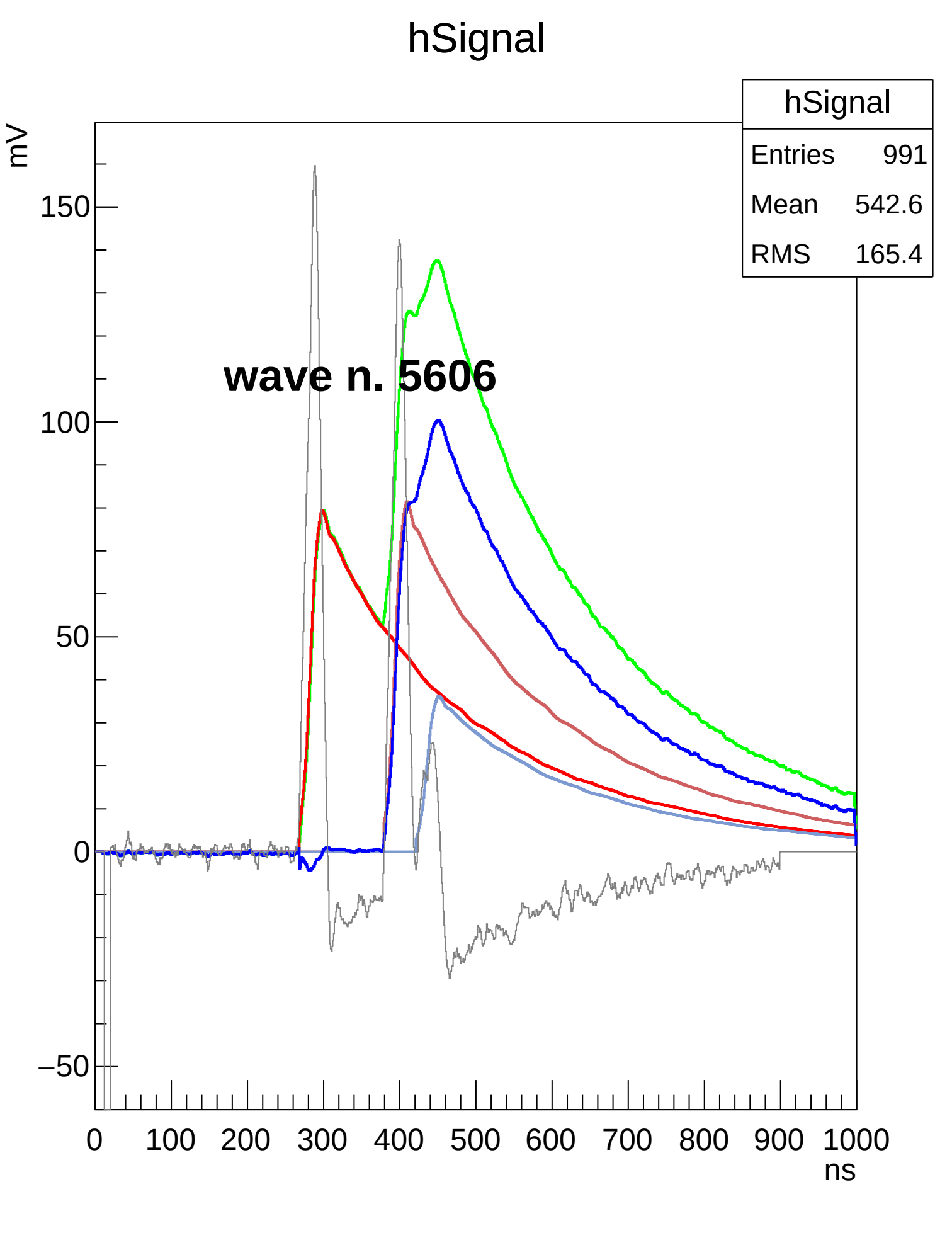

hSignal
hSignal
Entries 991
Mean 548.7
RMS 153.5
wave n. 5601
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

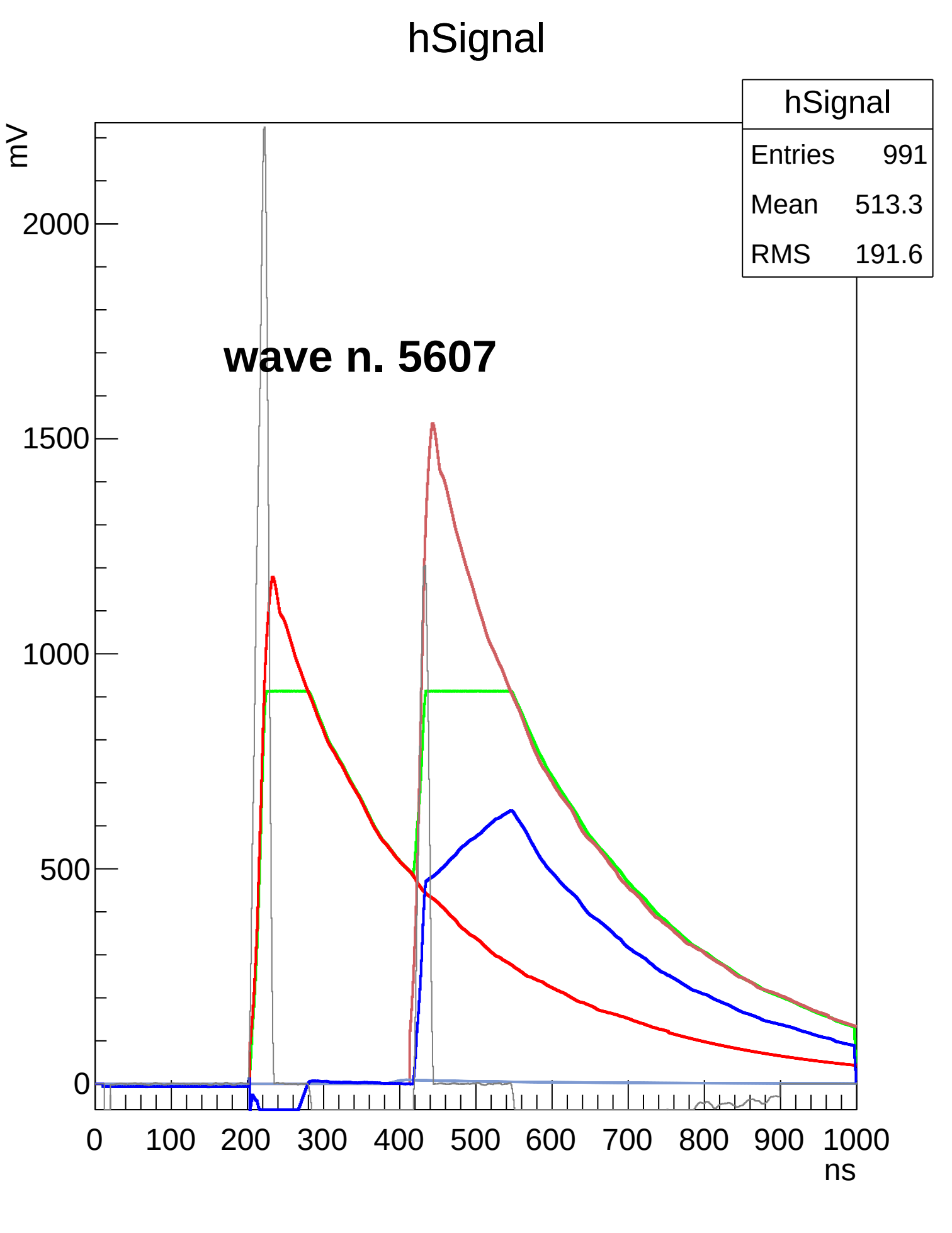

hSignal
hSignal
Entries 991
Mean 457.8
RMS 162.6
wave n. 5602
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

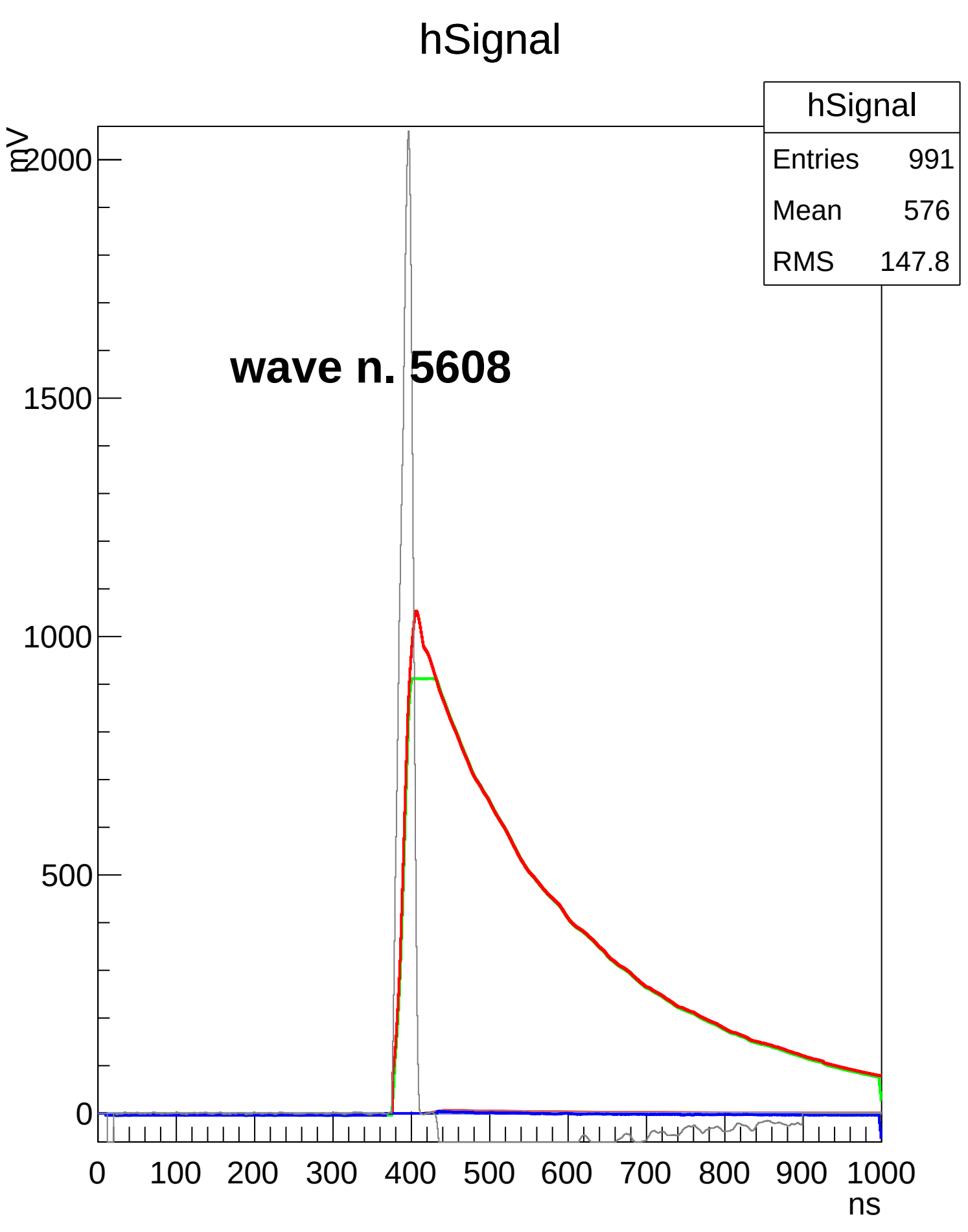

hSignal
hSignal
Entries 991
Mean 485.8
RMS 183.2
wave n. 5603
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

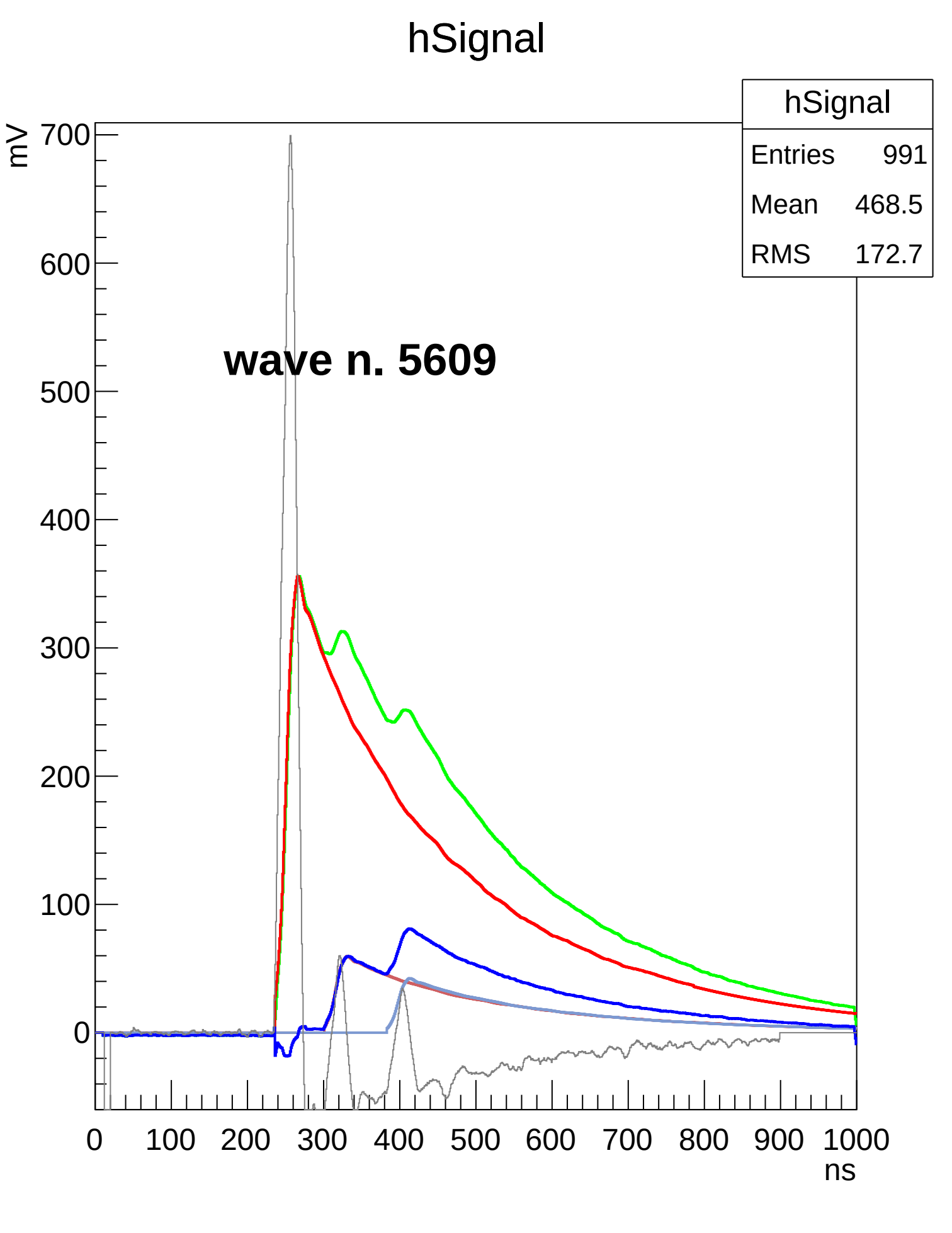

hSignal
hSignal
Entries 991
Mean 582.6
RMS 182.4
wave n. 5604
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

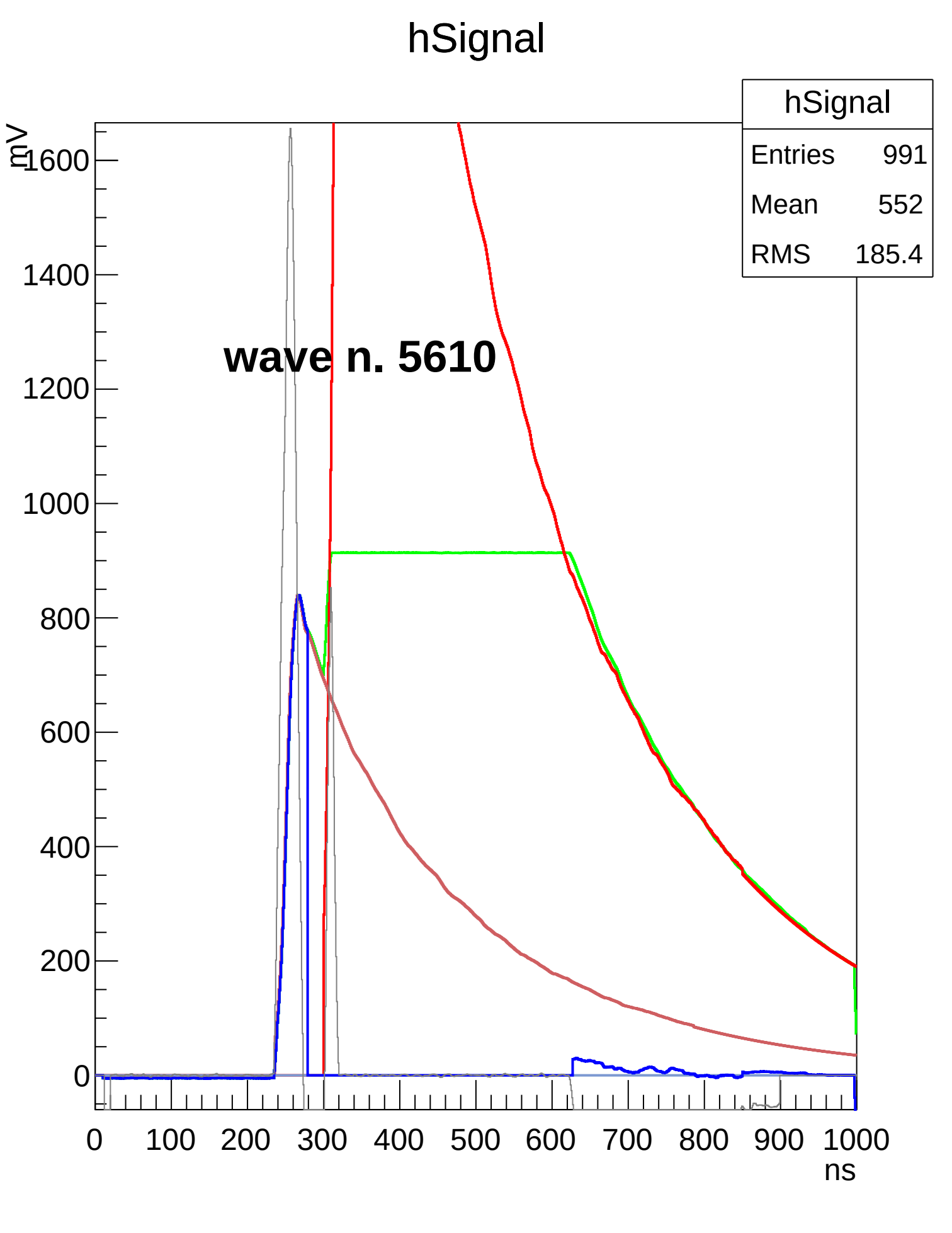

hSignal
hSignal
Entries 991
Mean 613.5
RMS 193.8
wave n. 5605
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

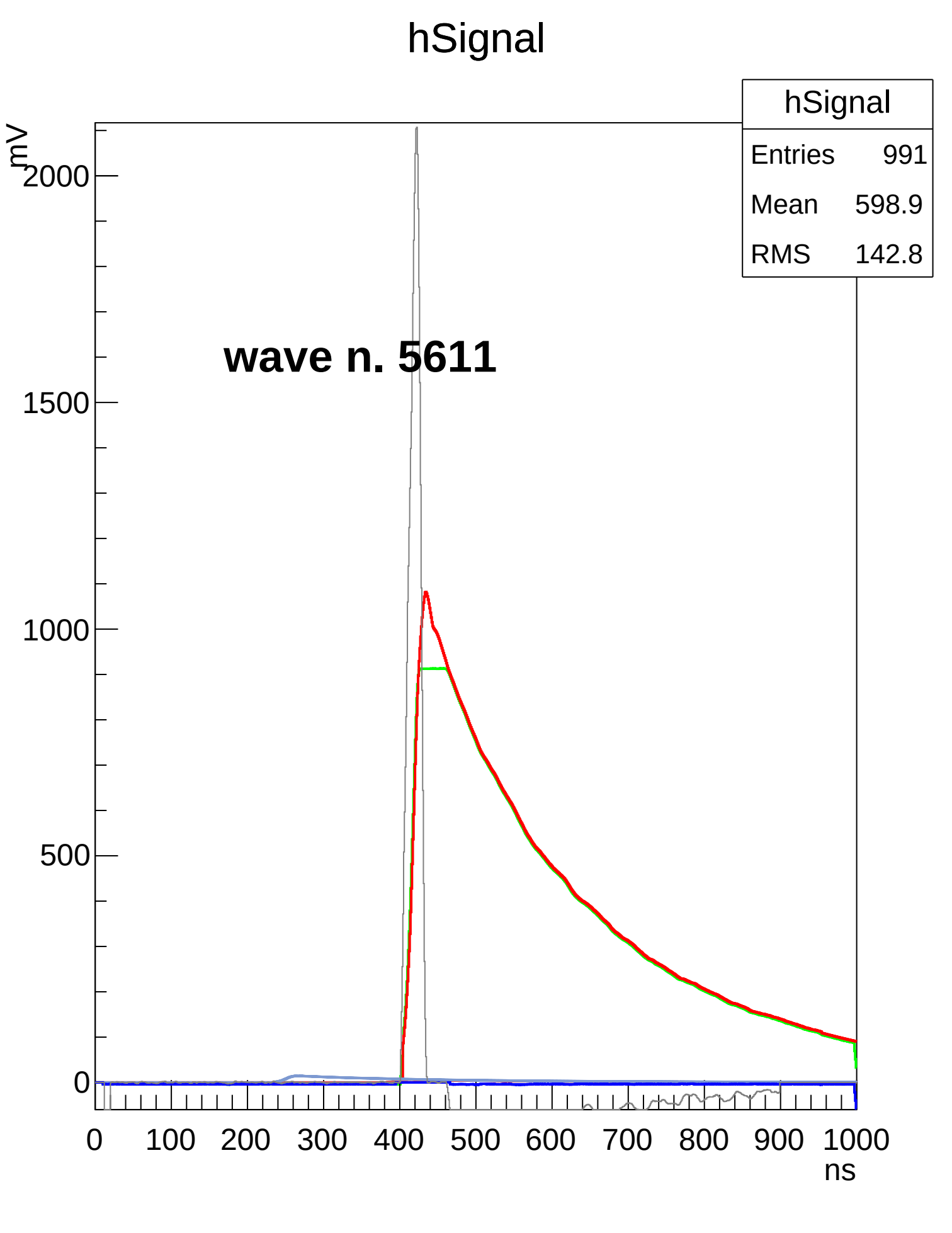

hSignal
hSignal
Entries 991
Mean 542.6
RMS 165.4
wave n. 5606
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513.3
RMS 191.6
wave n. 5607
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 576
RMS 147.8
wave n. 5608
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 468.5
RMS 172.7
wave n. 5609
mV
700
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552
RMS 185.4
wave n. 5610
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 598.9
RMS 142.8
wave n. 5611
mV
2000
1500
1000
500
0
0
100
200
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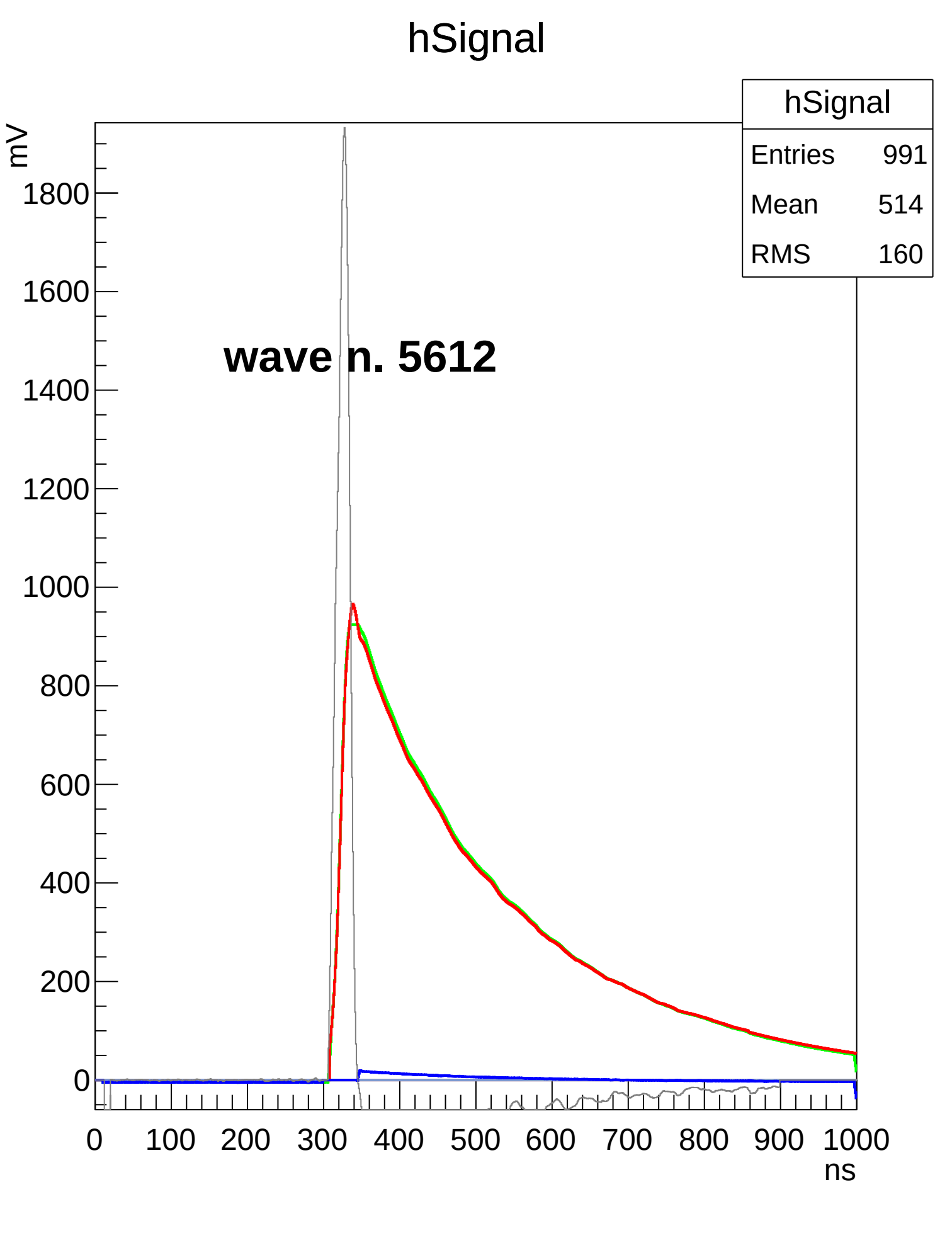
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 514
RMS 160
wave n. 5612
mV
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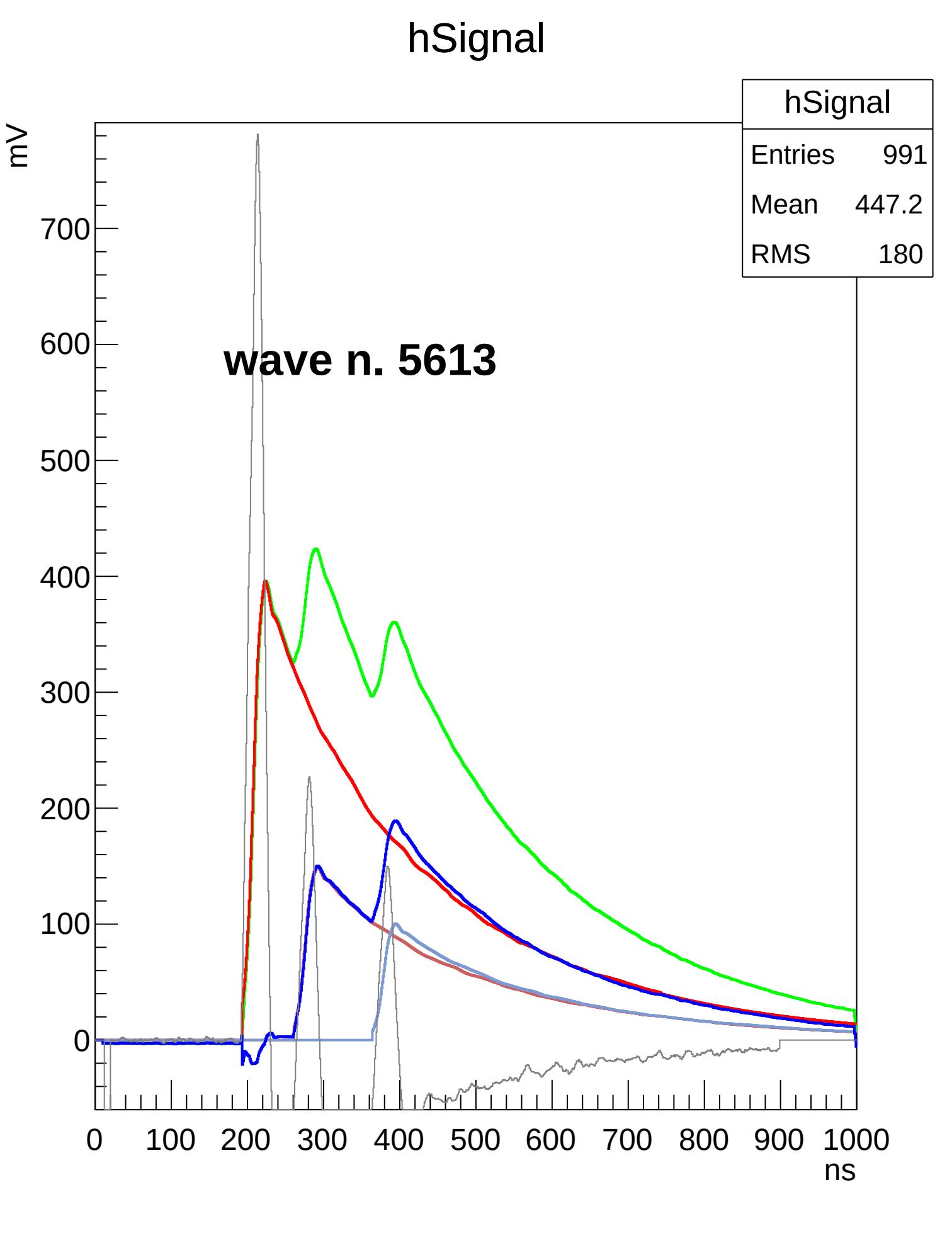
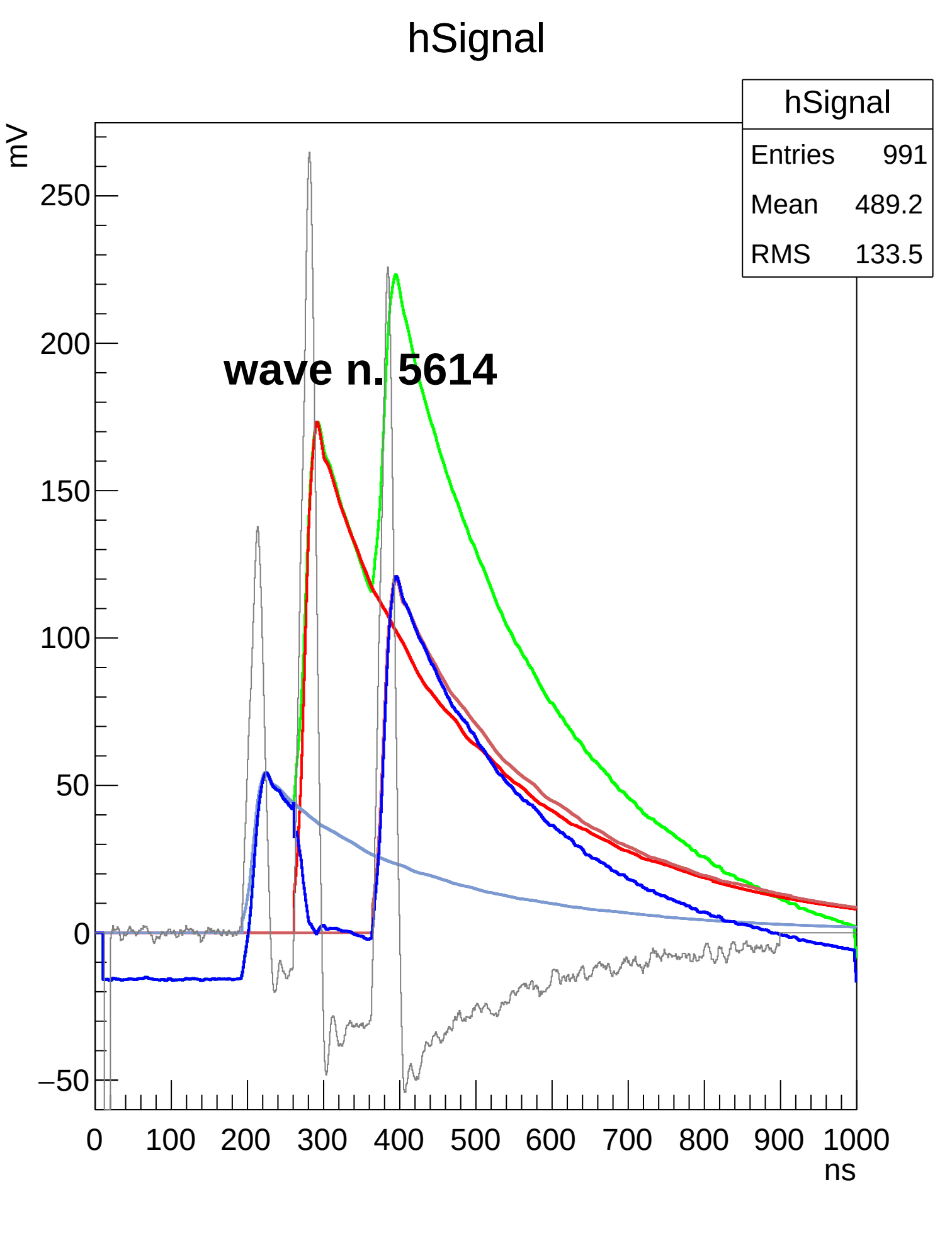
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 447.2
RMS 180
wave n. 5613
mV
700
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 489.2
RMS 133.5
wave n. 5614
mV
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200
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100
50
0
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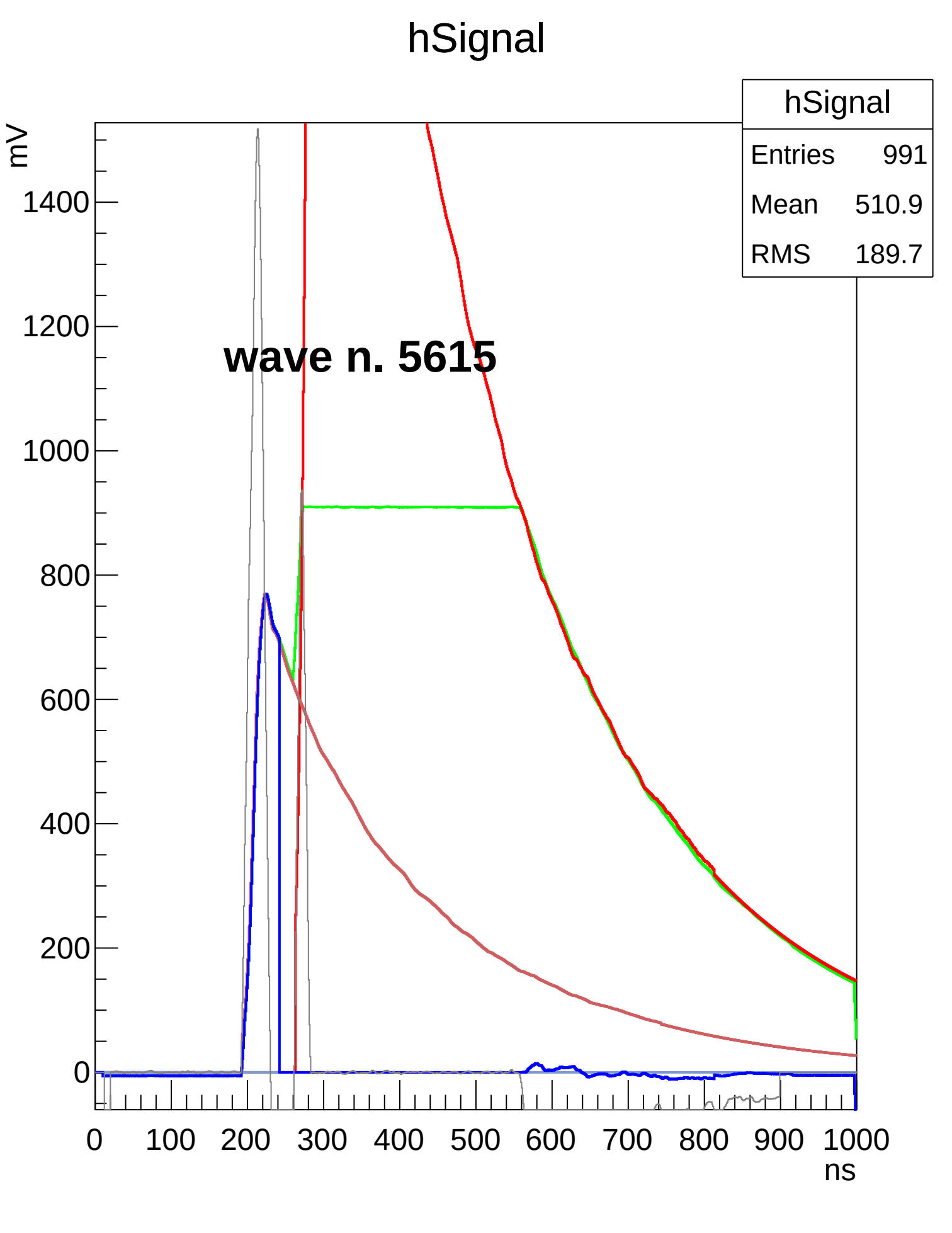
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.9
RMS 189.7
wave n. 5615
mV
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1200
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600
400
200
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0
100
200
300
400
500
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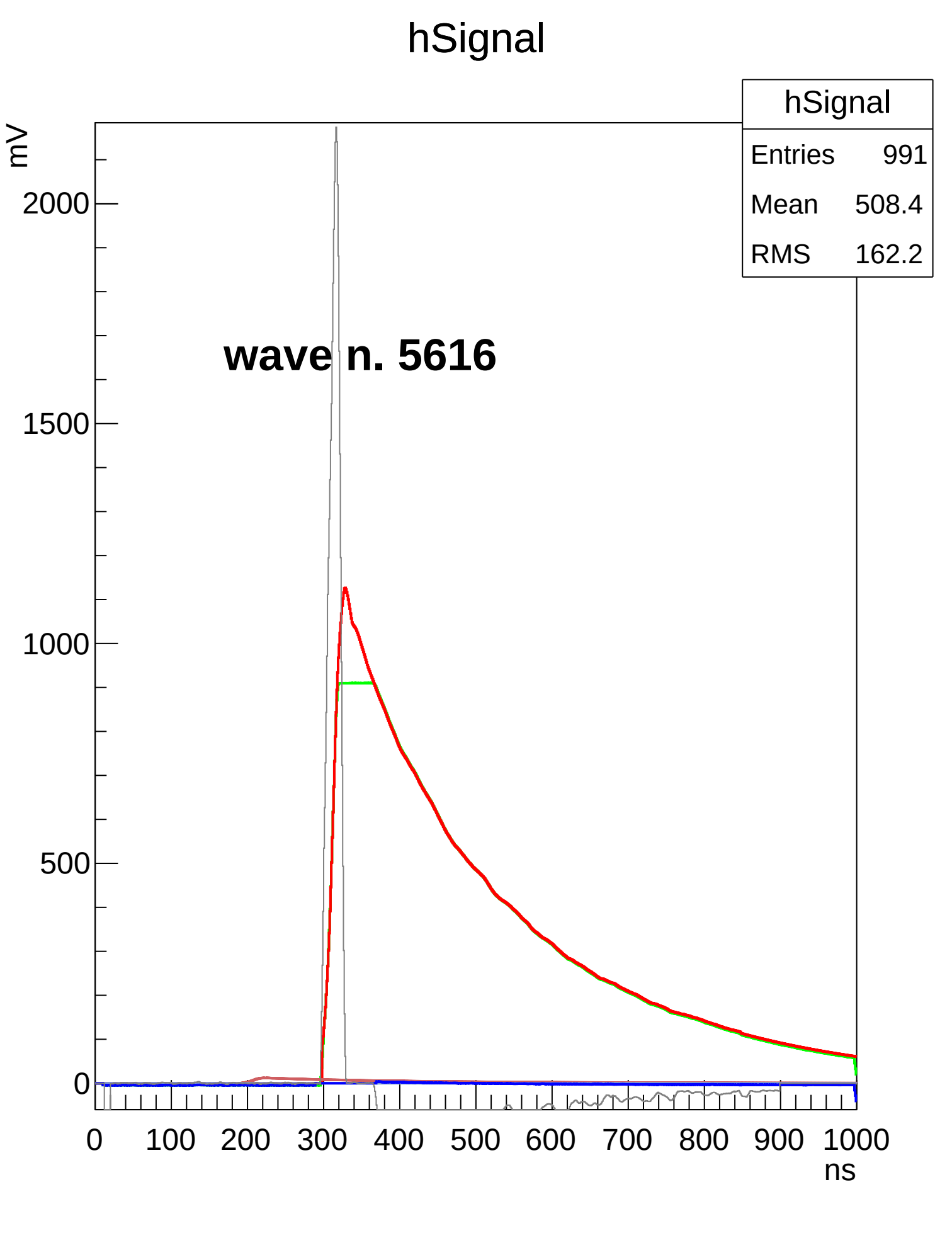
800
900
1000
ns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hSignal
Entries 991
Mean 508.4
RMS 162.2
wave n. 5616
mV
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1500
1000
500
0
0
100
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400
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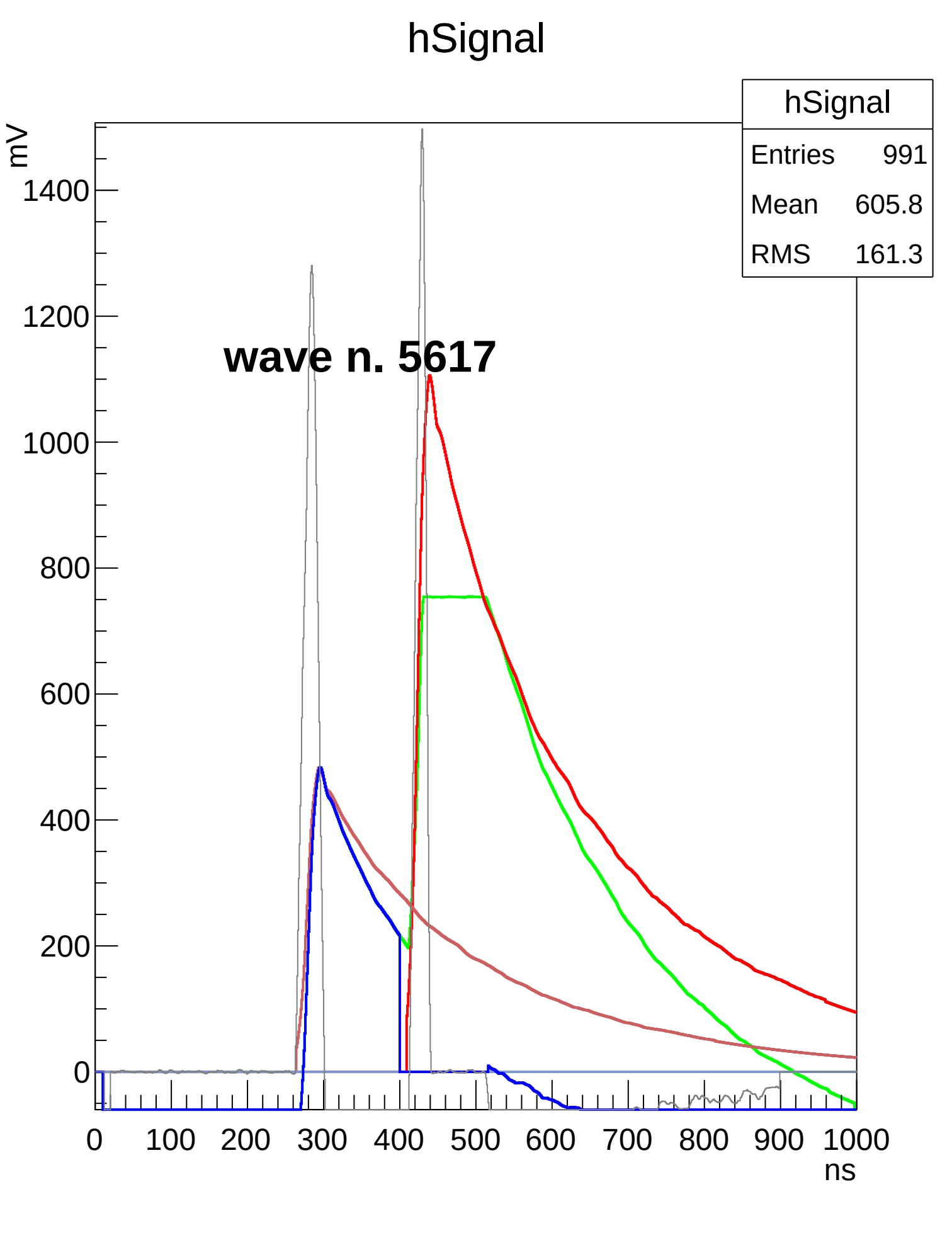
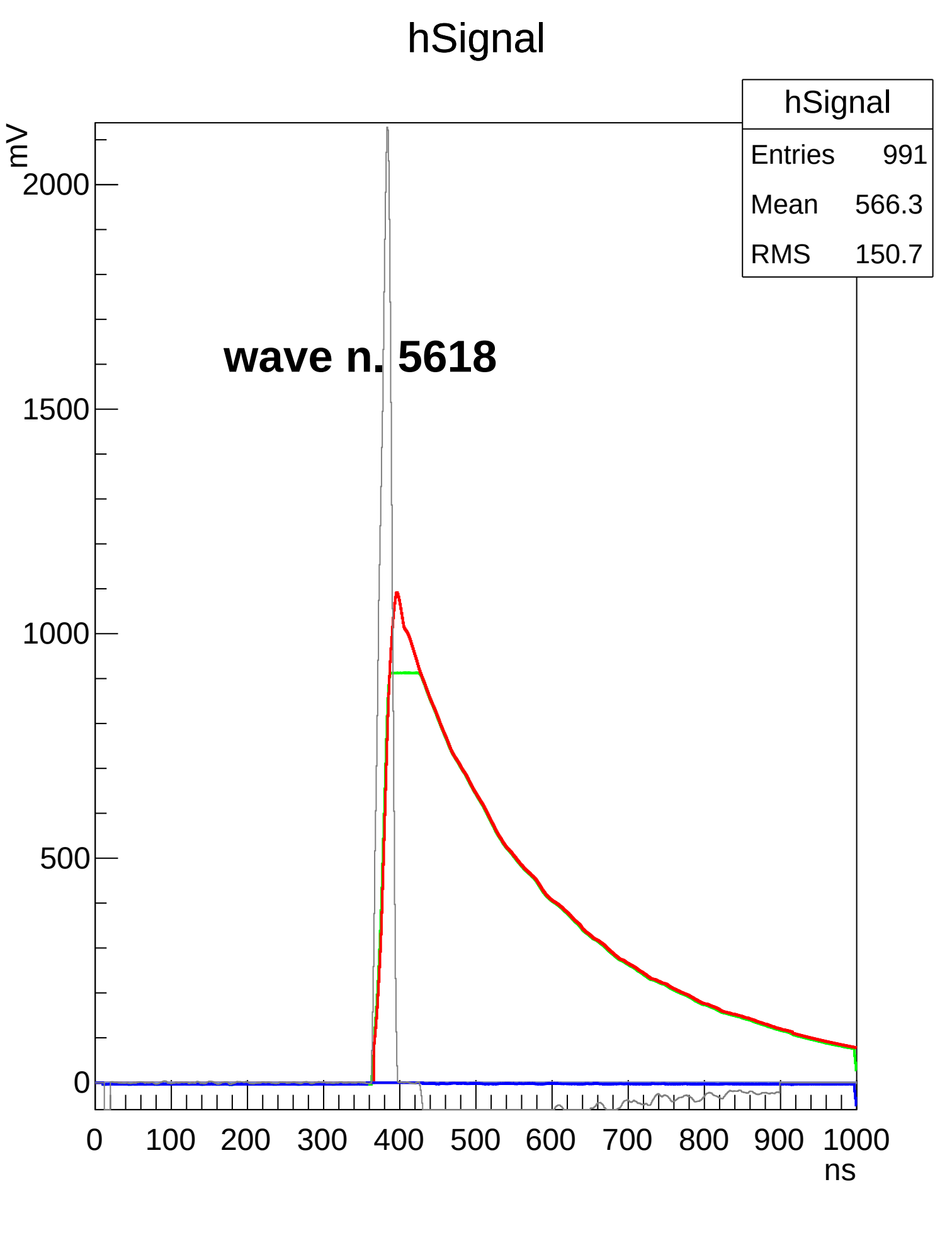
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 605.8
RMS 161.3
wave n. 5617
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 566.3
RMS 150.7
wave n. 5618
mV
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1500
1000
500
0
0
100
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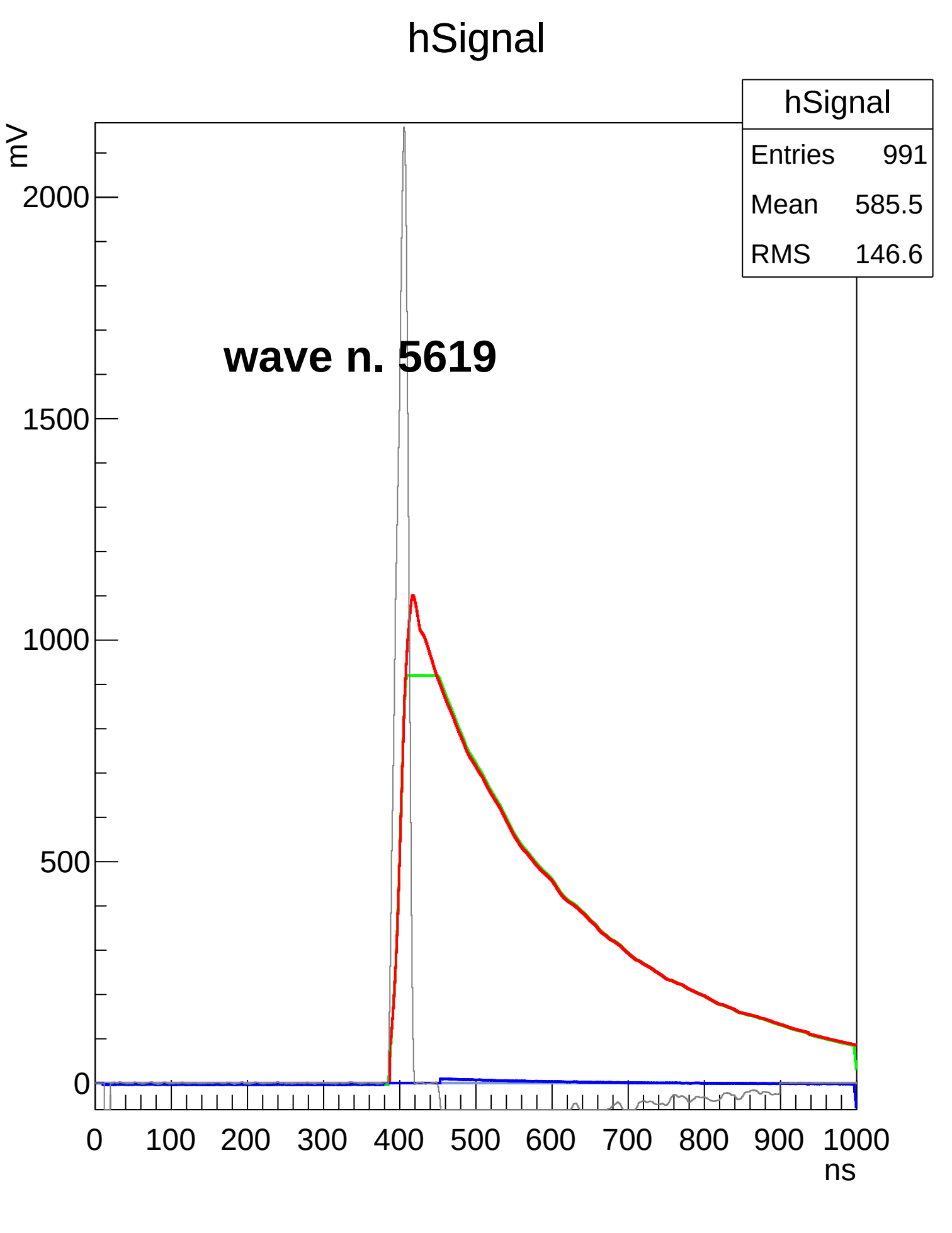
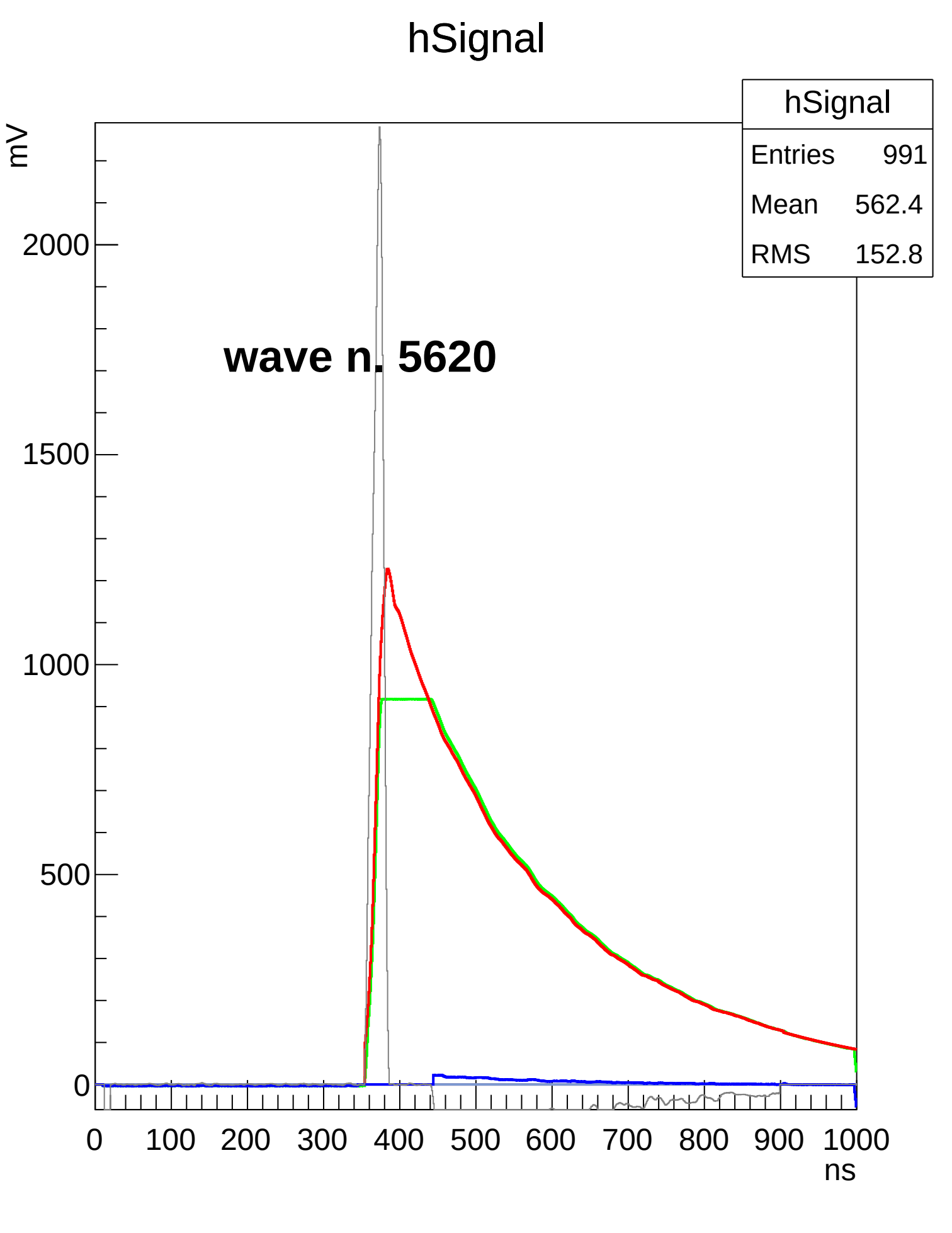
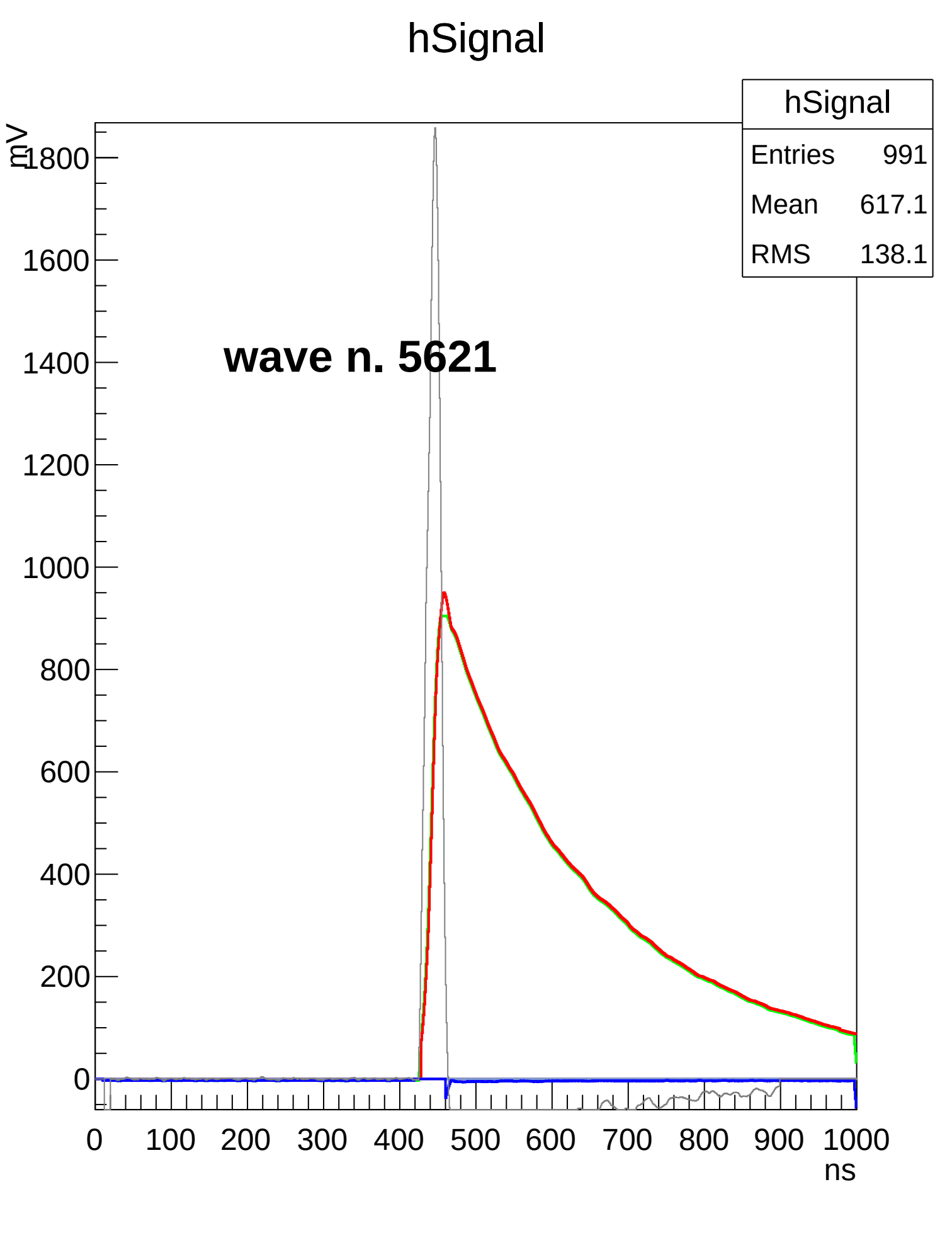
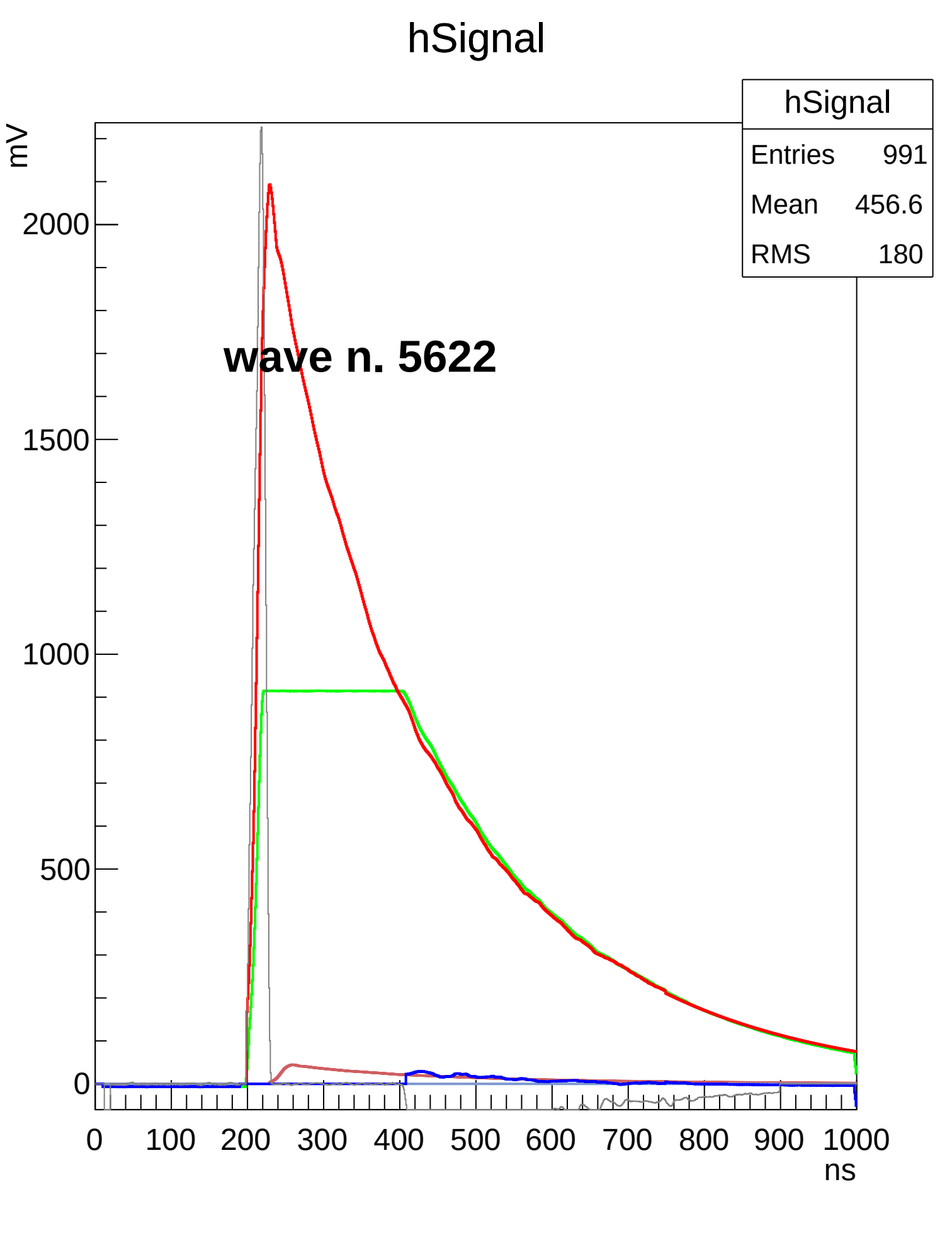
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 585.5
RMS 146.6
wave n. 5619
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 562.4
RMS 152.8
wave n. 5620
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 617.1
RMS 138.1
wave n. 5621
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 456.6
RMS 180
wave n. 5622
mV
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1500
1000
500
0
0
100
200
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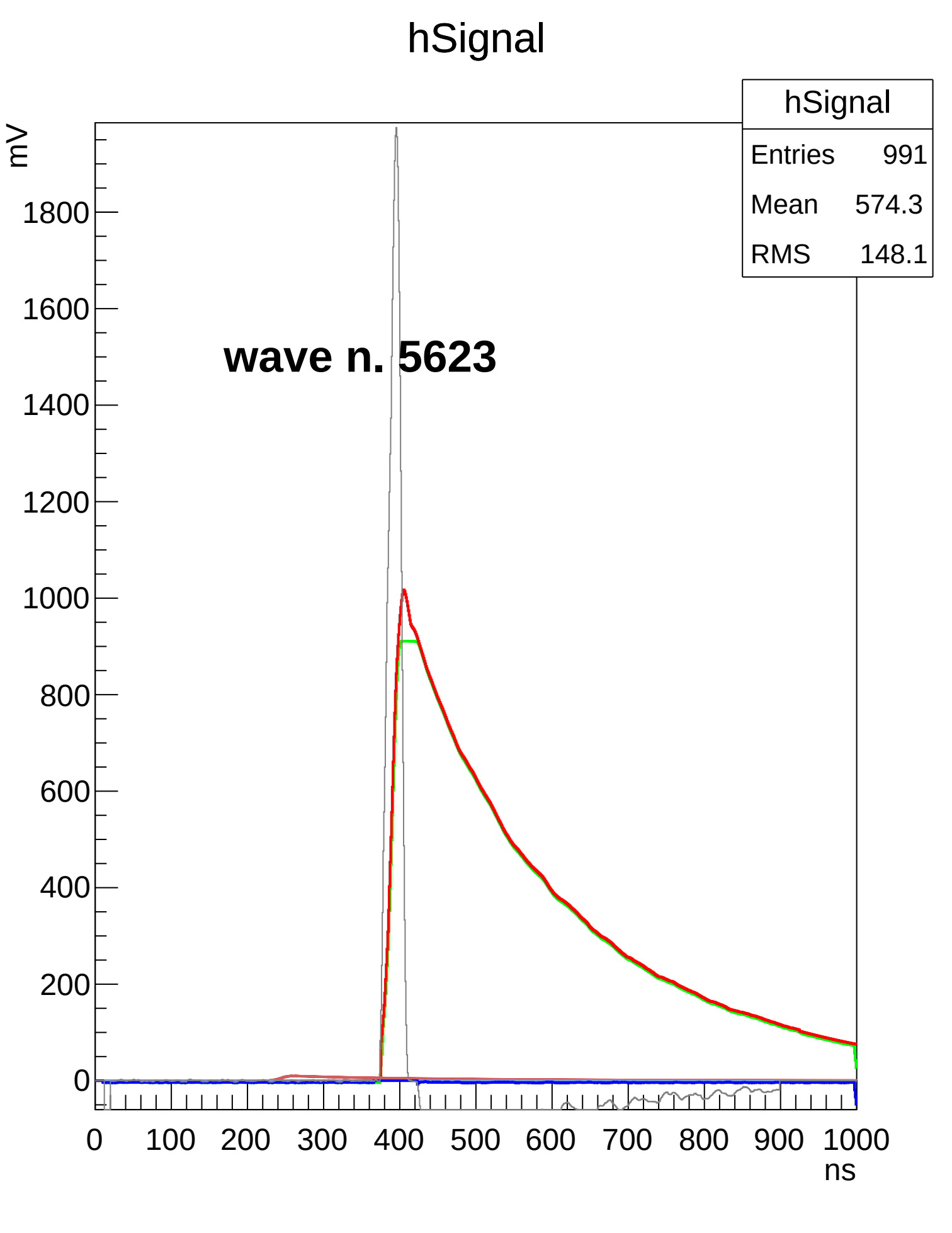
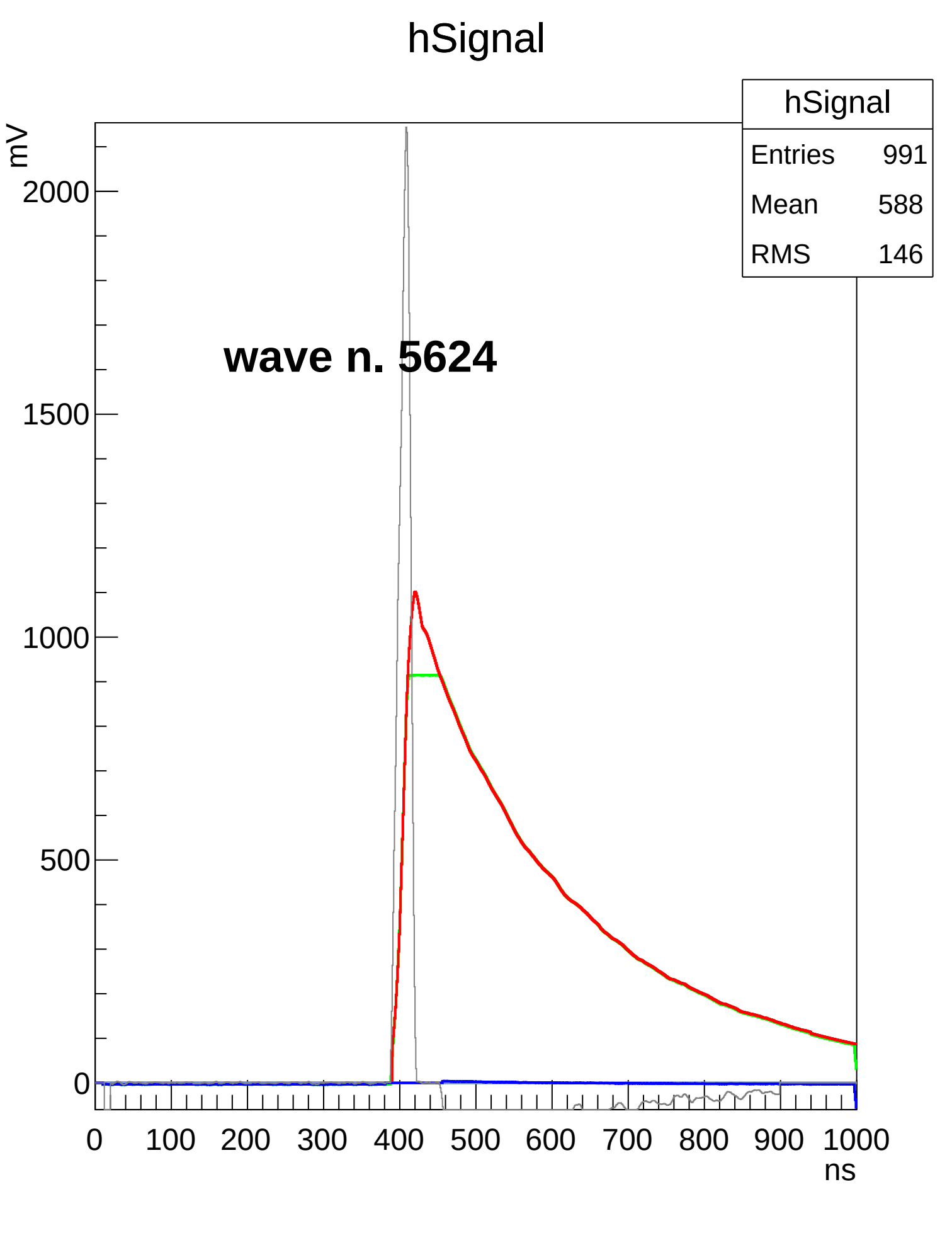
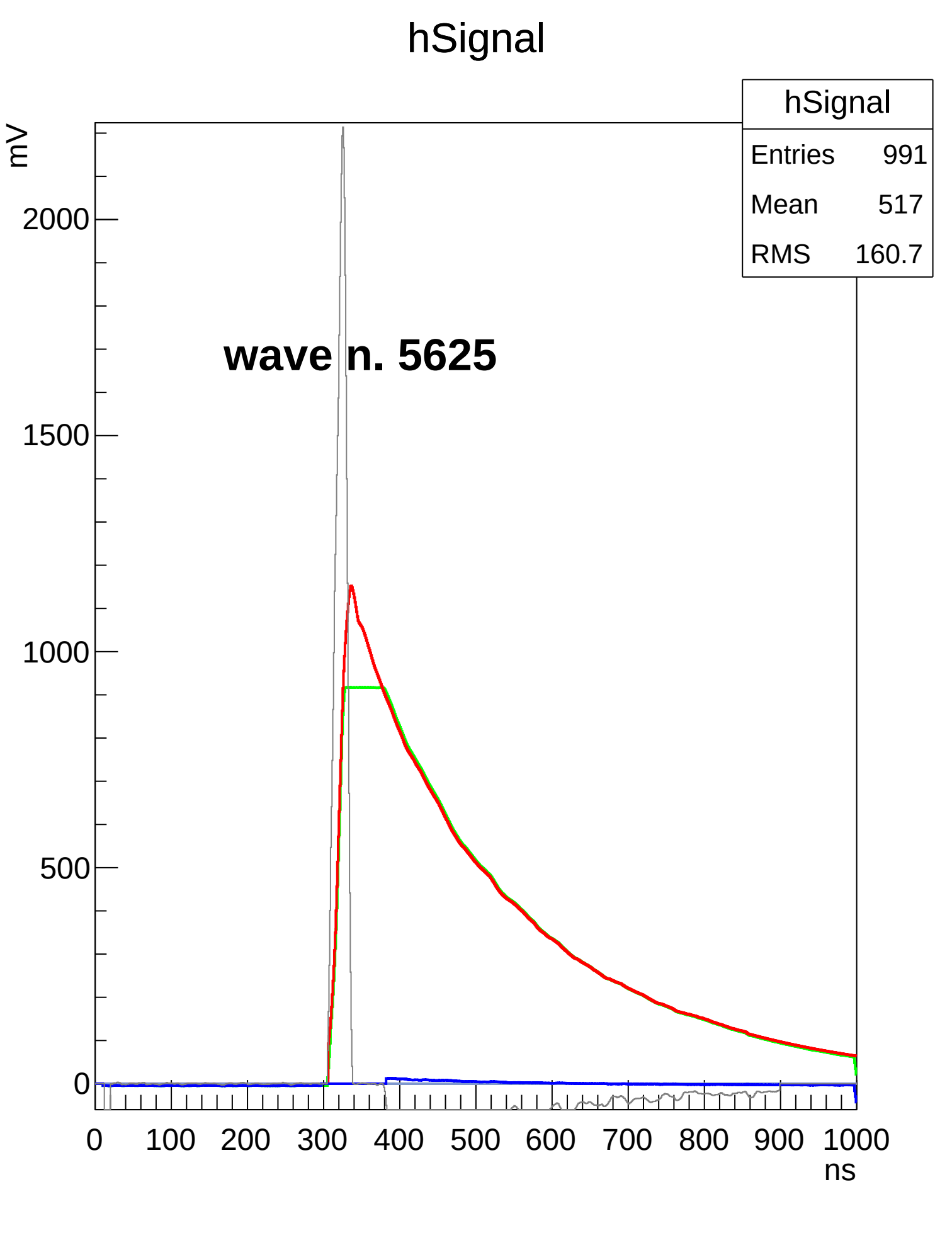
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 574.3
RMS 148.1
wave n. 5623
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 588
RMS 146
wave n. 5624
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 517
RMS 160.7
wave n. 5625
mV
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1500
1000
500
0
0
100
200
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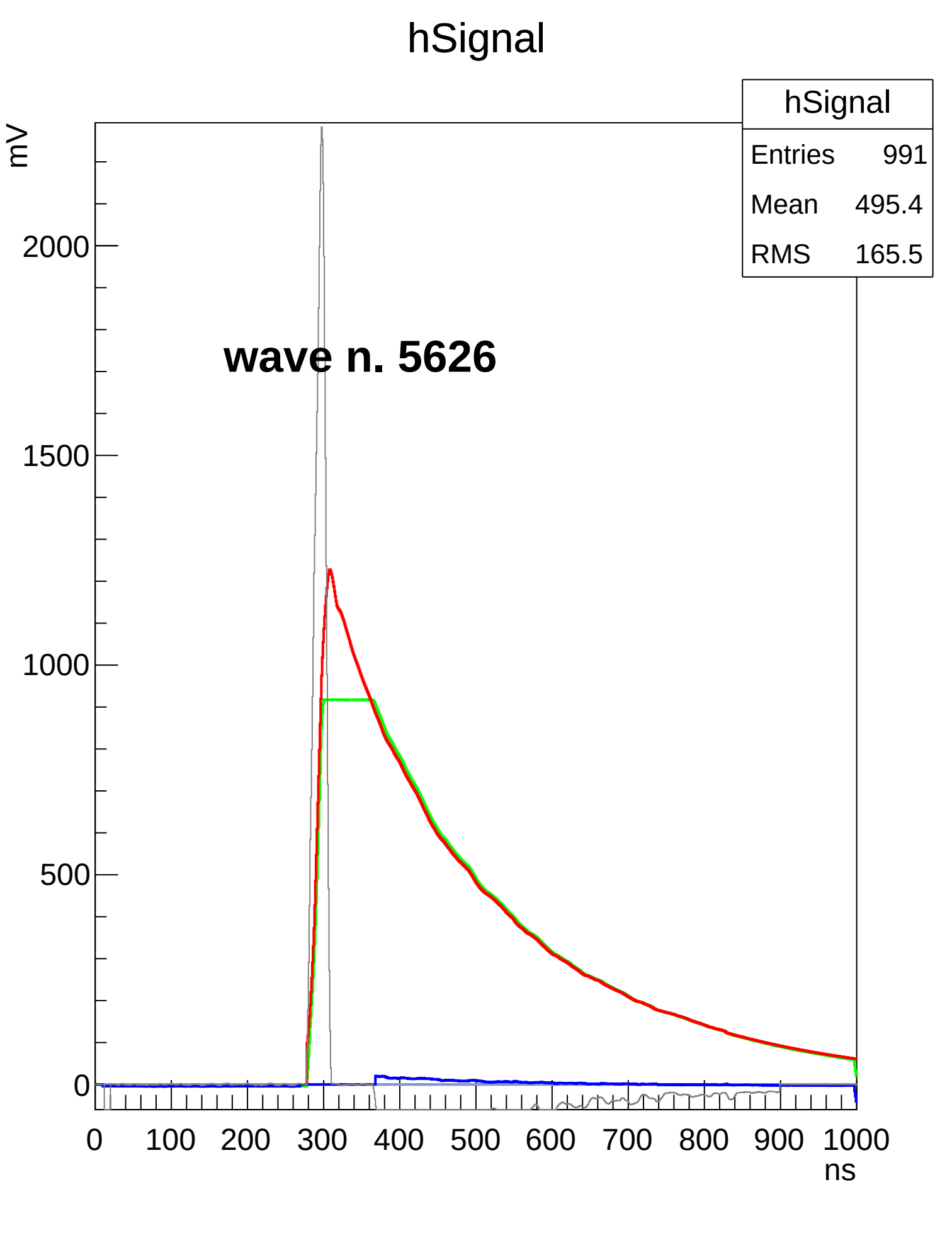
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 495.4
RMS 165.5
wave n. 5626
mV
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1500
1000
500
0
0
100
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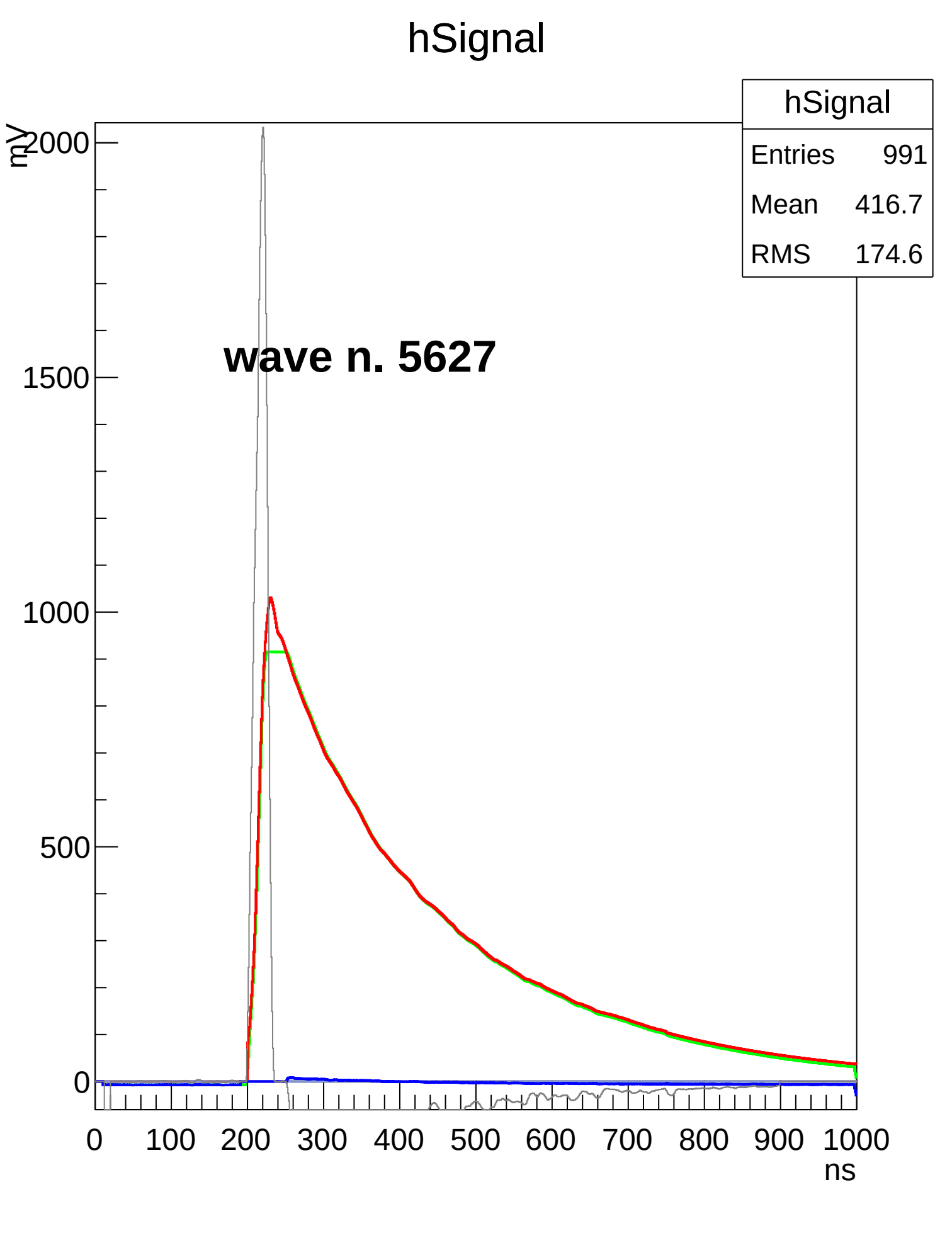
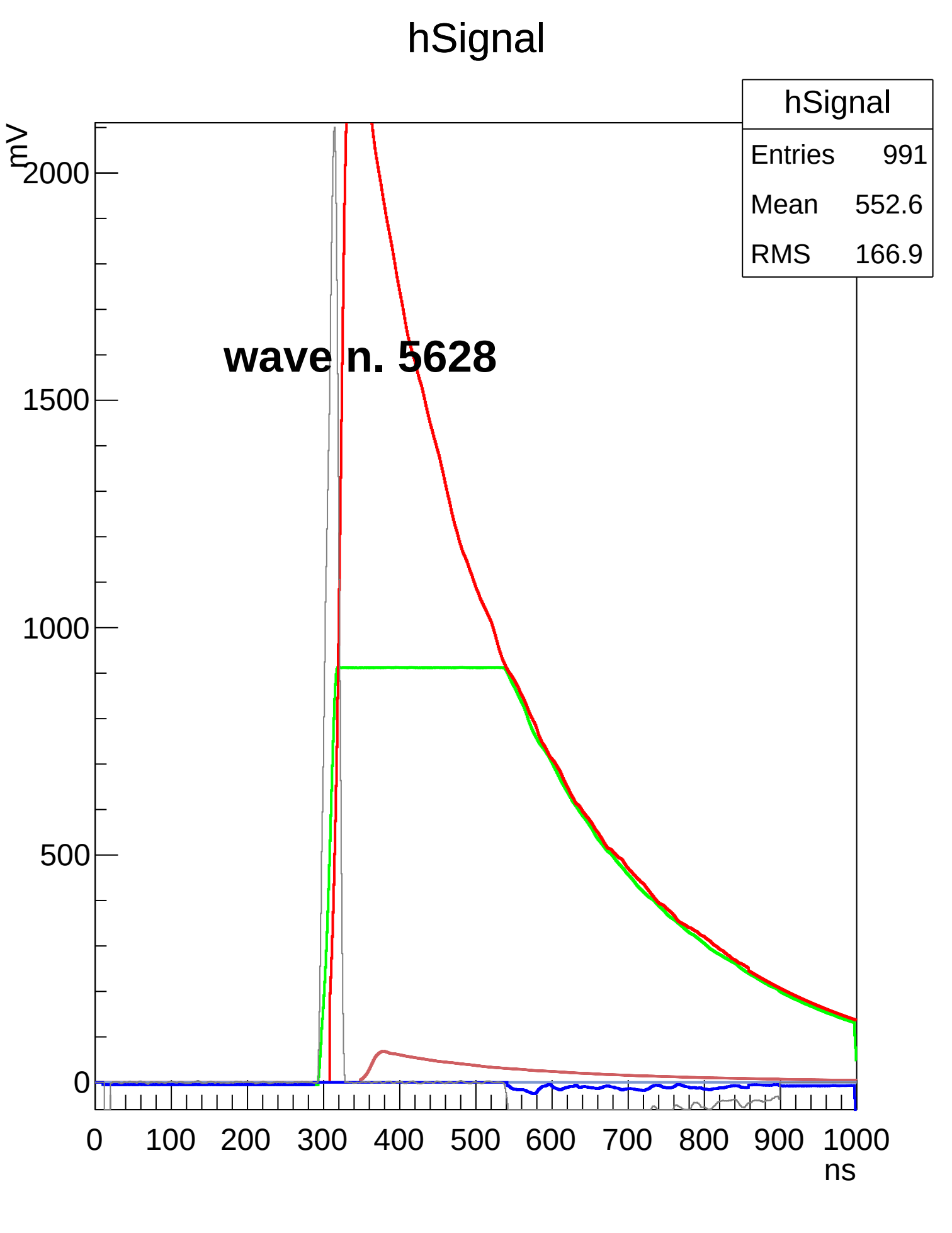
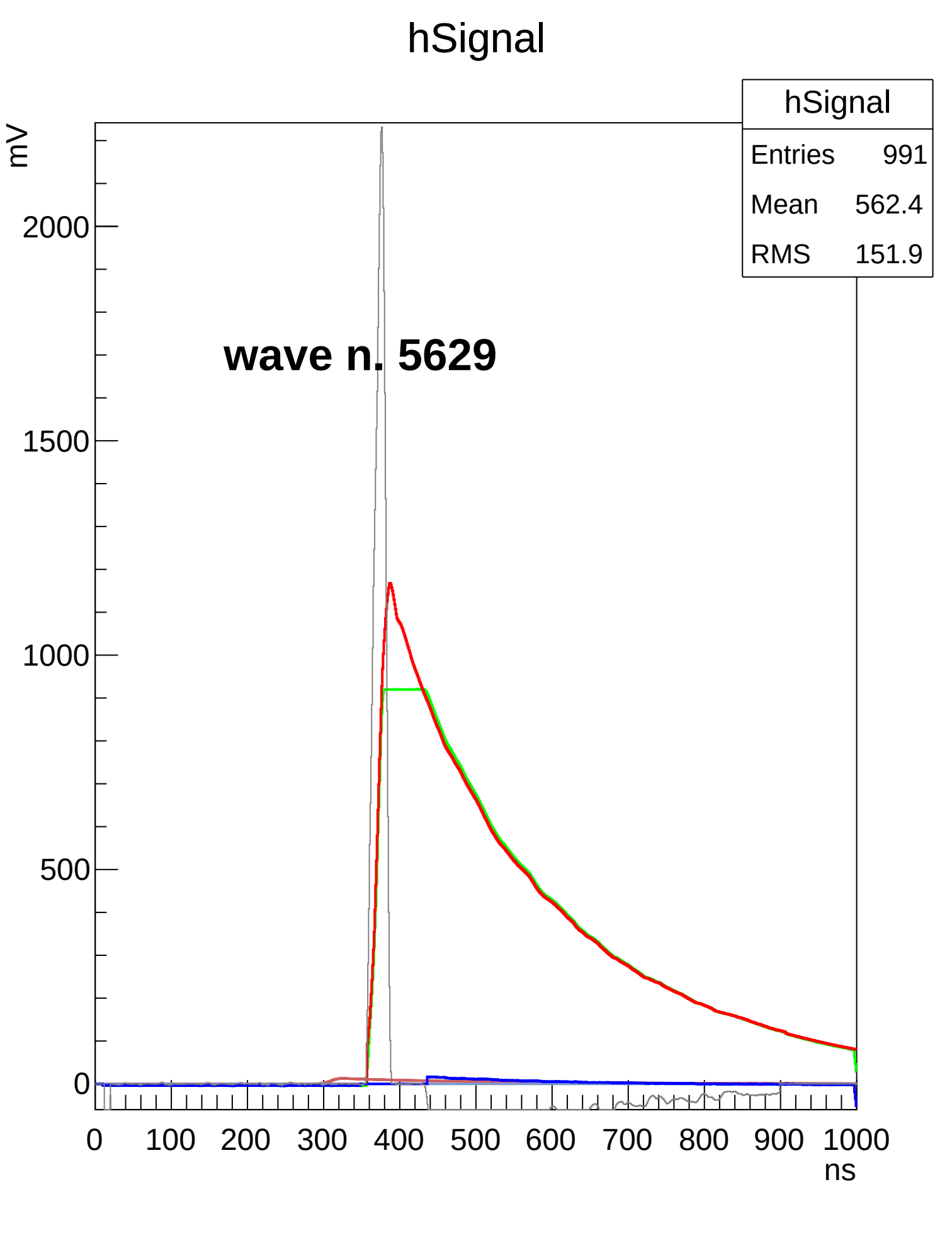
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 416.7
RMS 174.6
wave n. 5627
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.6
RMS 166.9
wave n. 5628
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 562.4
RMS 151.9
wave n. 5629
mV
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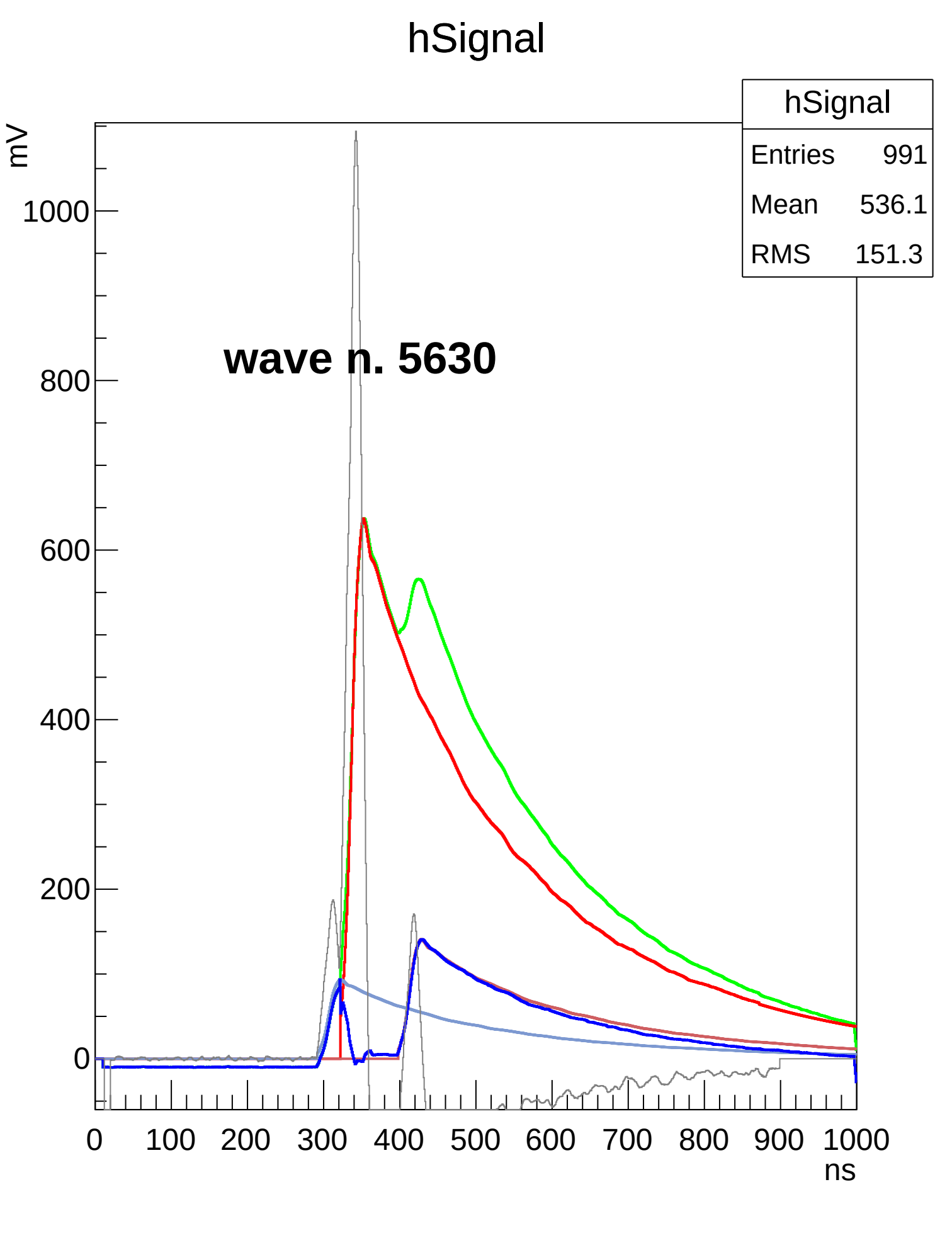
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 536.1
RMS 151.3
wave n. 5630
mV
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800
600
400
200
0
0
100
200
300
400
500
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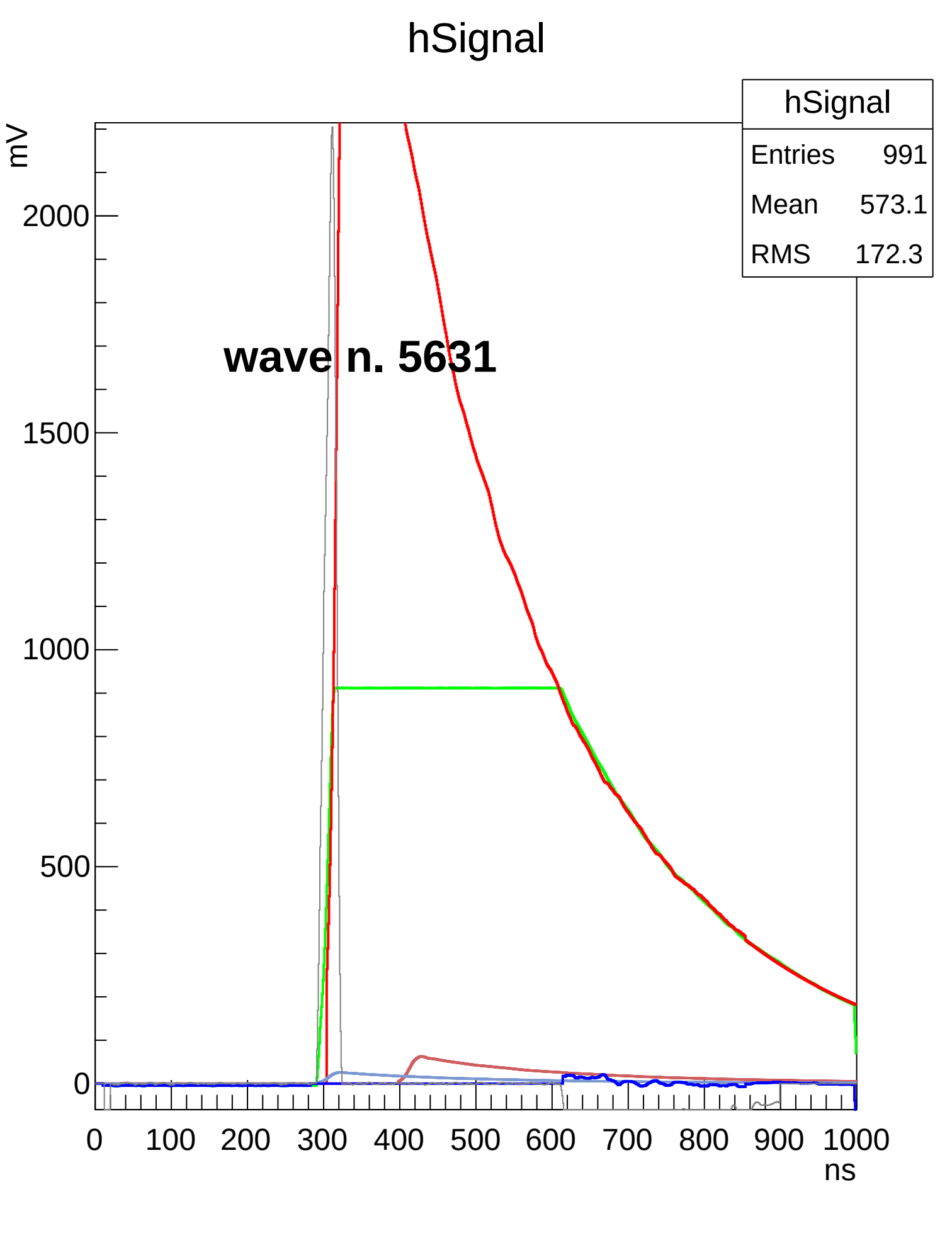
900
1000
ns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hSignal
Entries 991
Mean 573.1
RMS 172.3
wave n. 5631
mV
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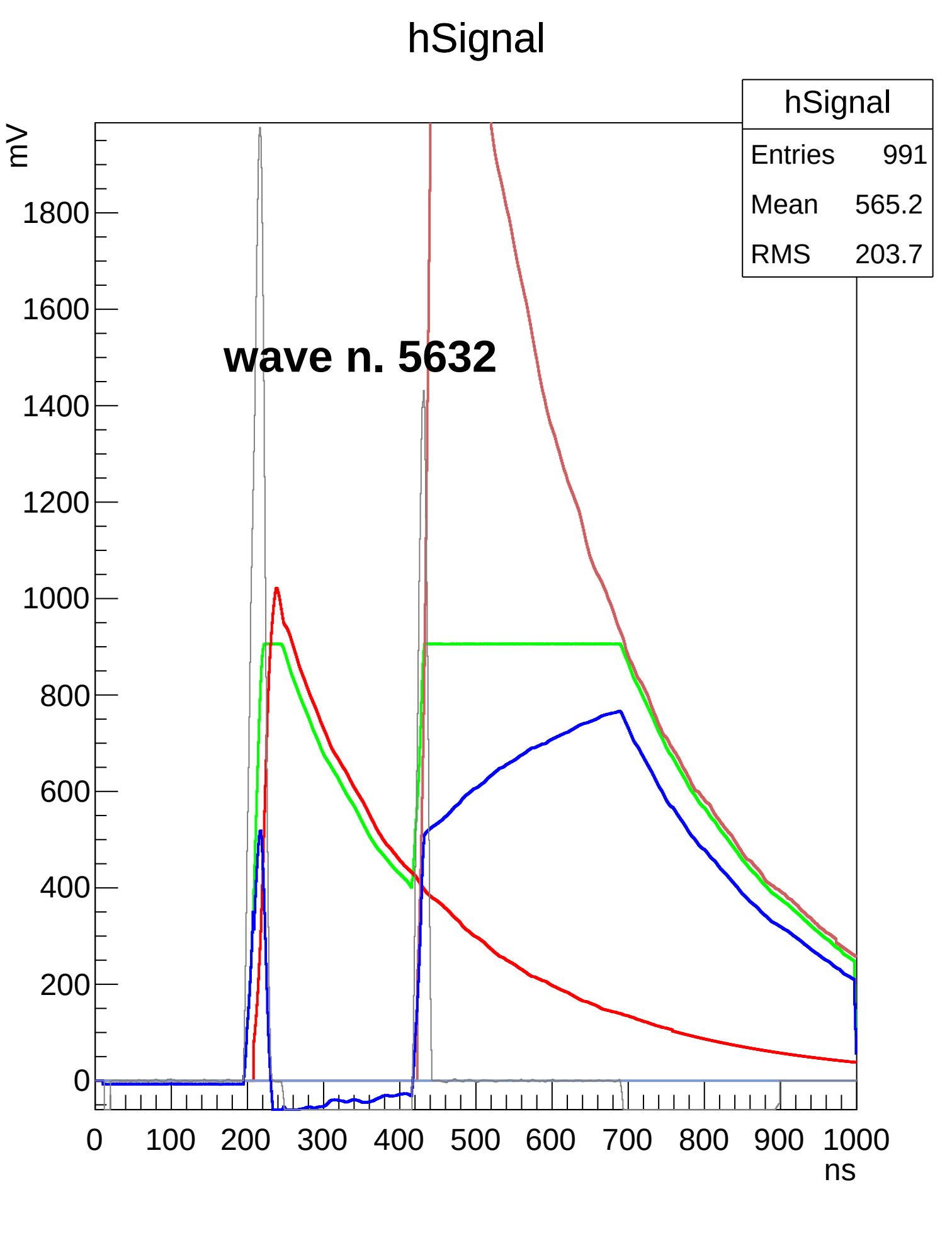
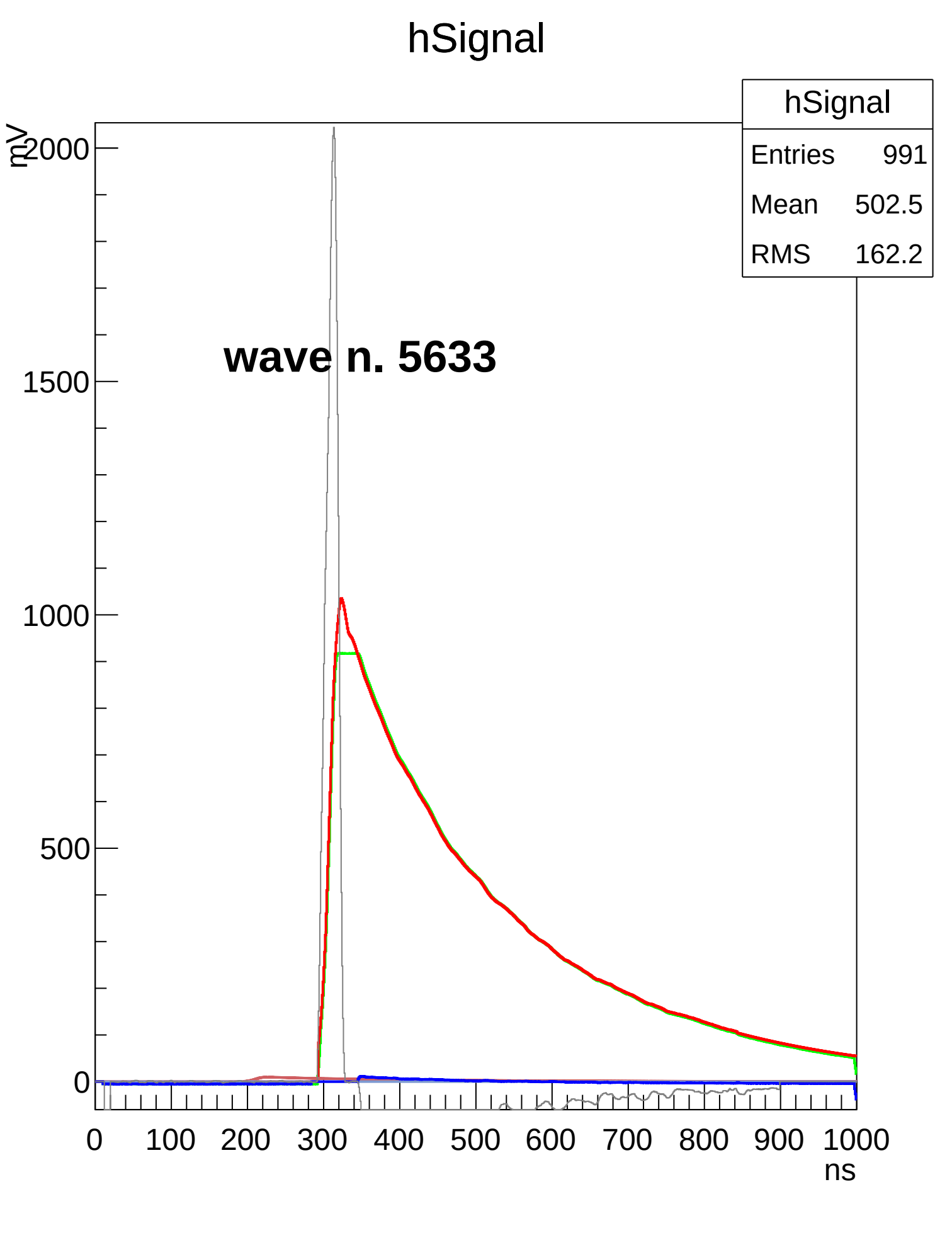
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.2
RMS 203.7
wave n. 5632
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 502.5
RMS 162.2
wave n. 5633
mV
2000
1500
1000
500
0
0
100
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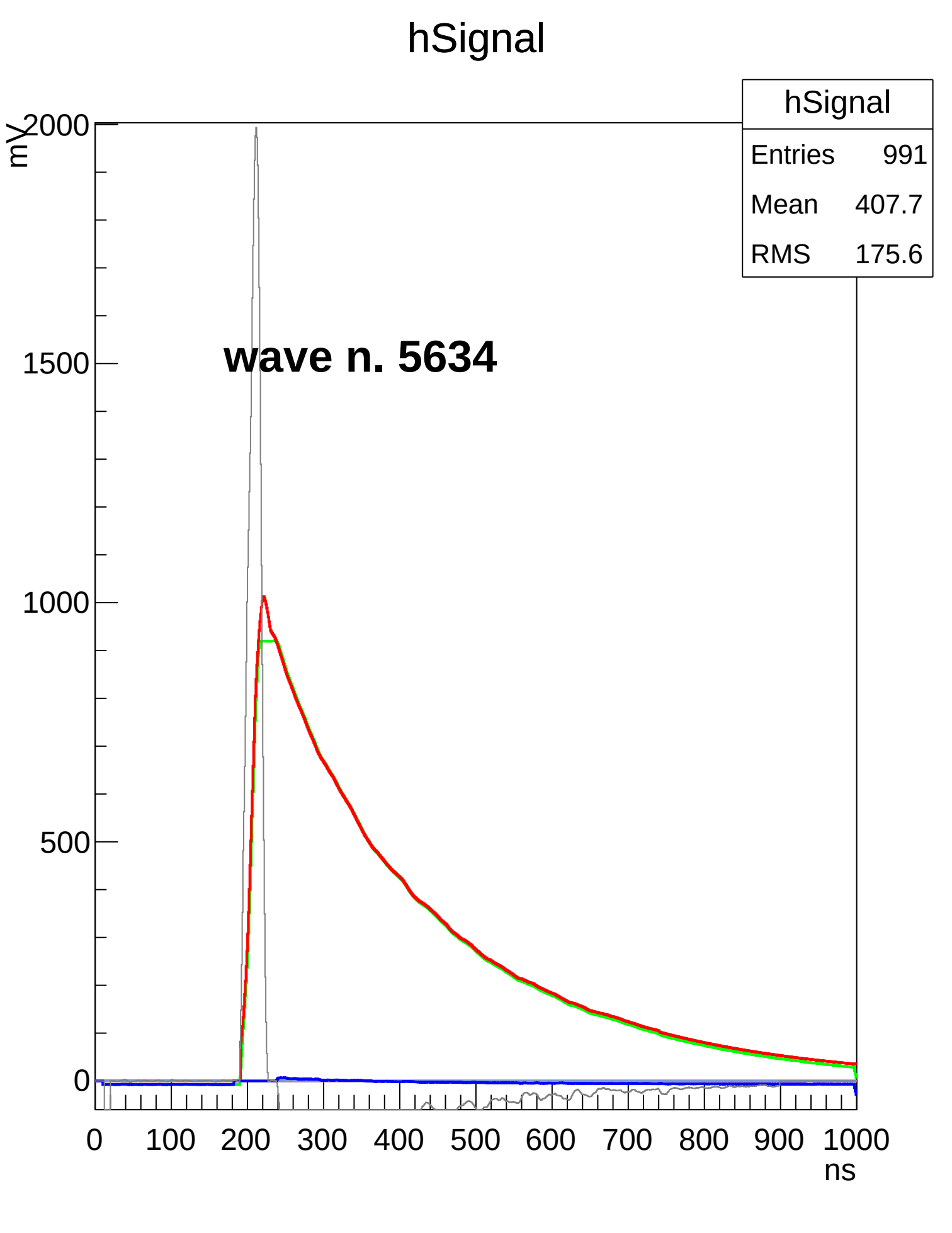
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 407.7
RMS 175.6
wave n. 5634
mV
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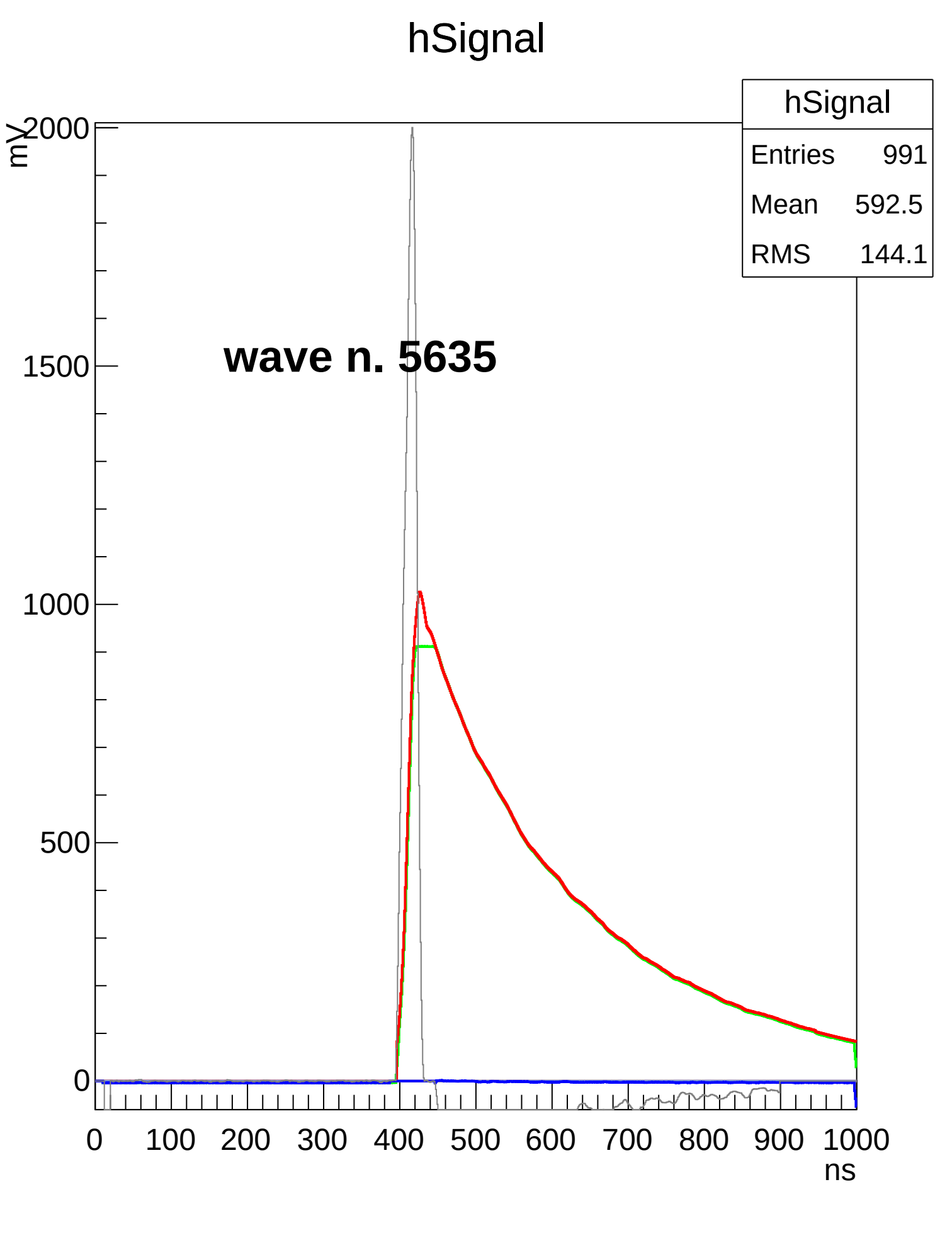
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 592.5
RMS 144.1
wave n. 5635
mV
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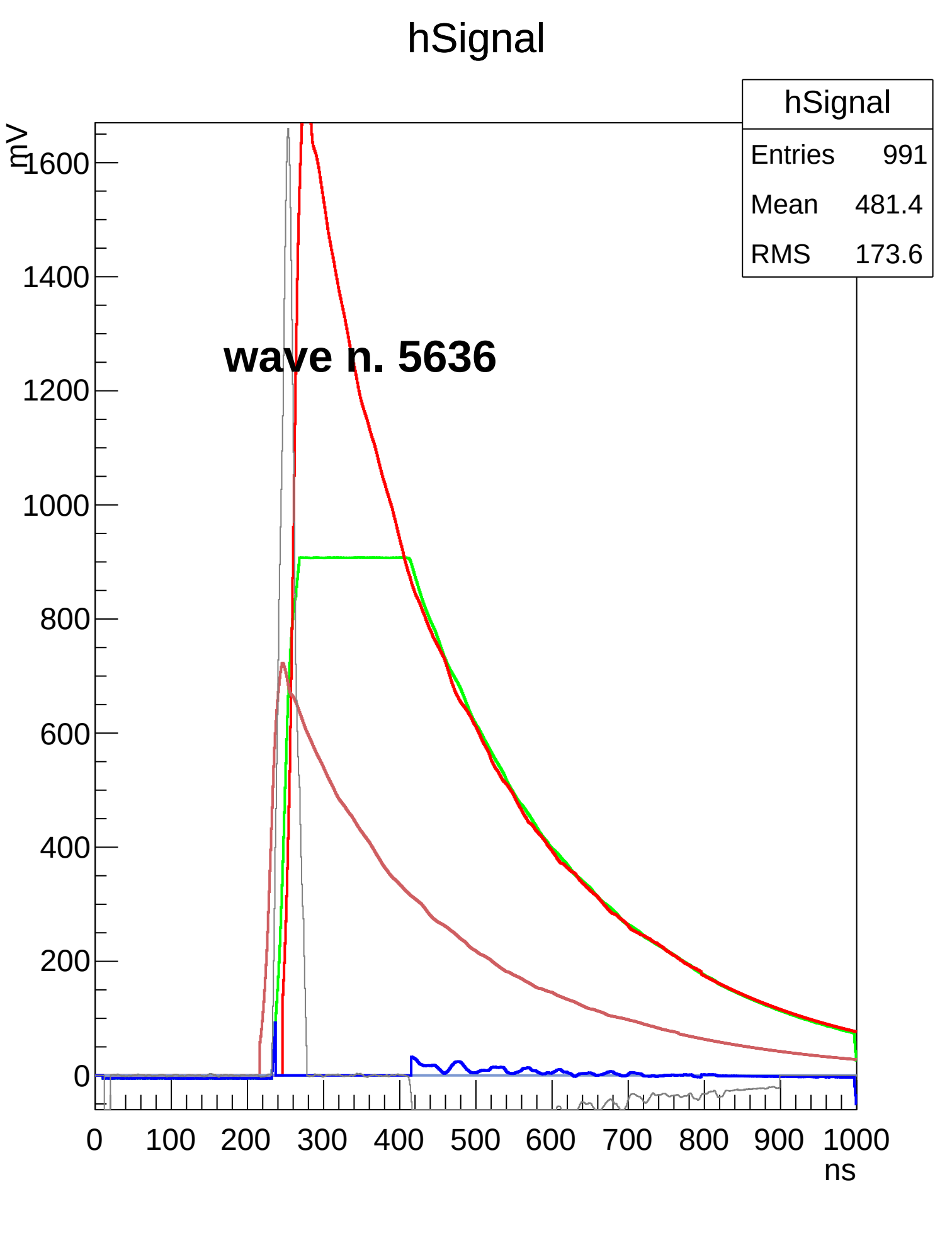
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 481.4
RMS 173.6
wave n. 5636
mV
1600
1400
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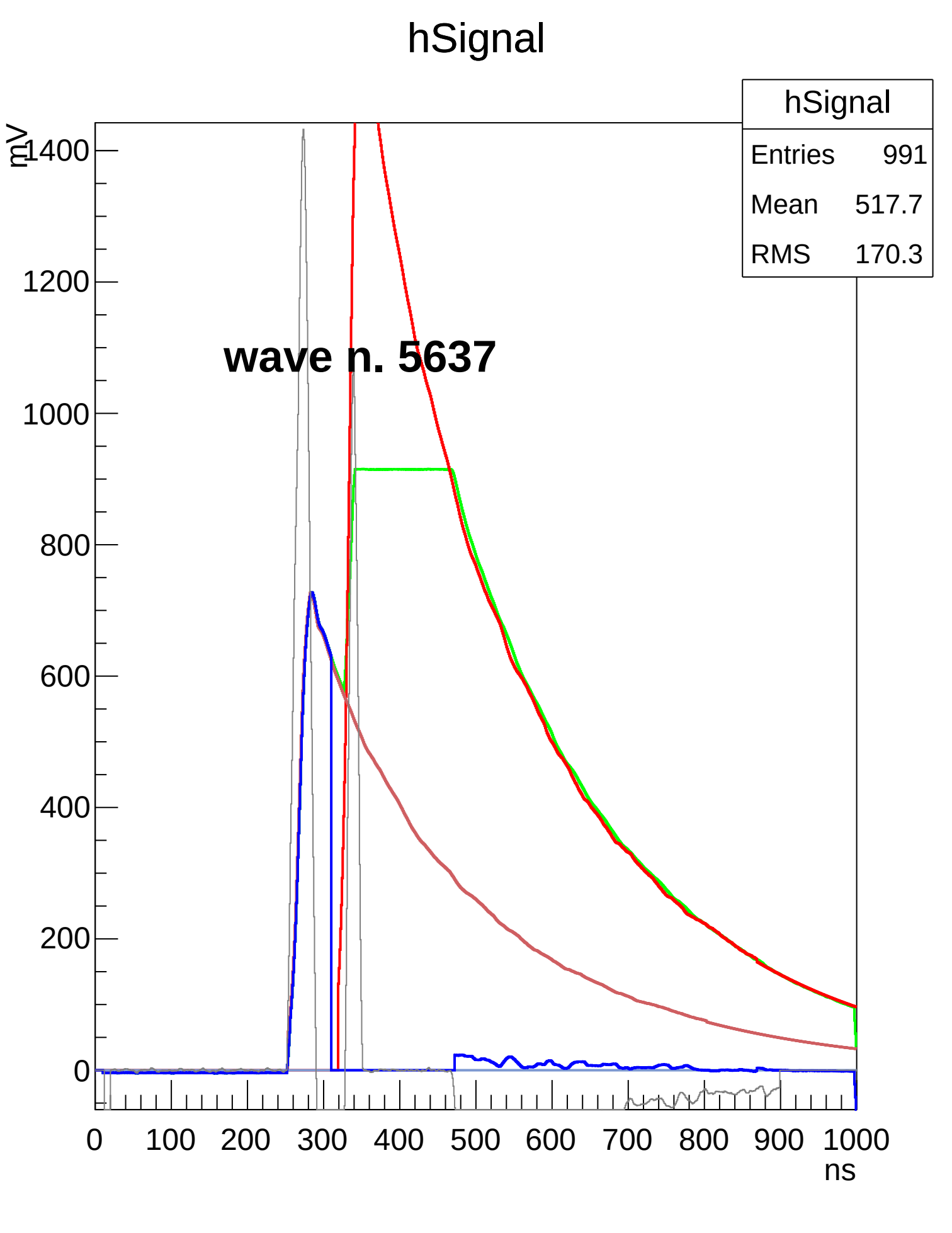
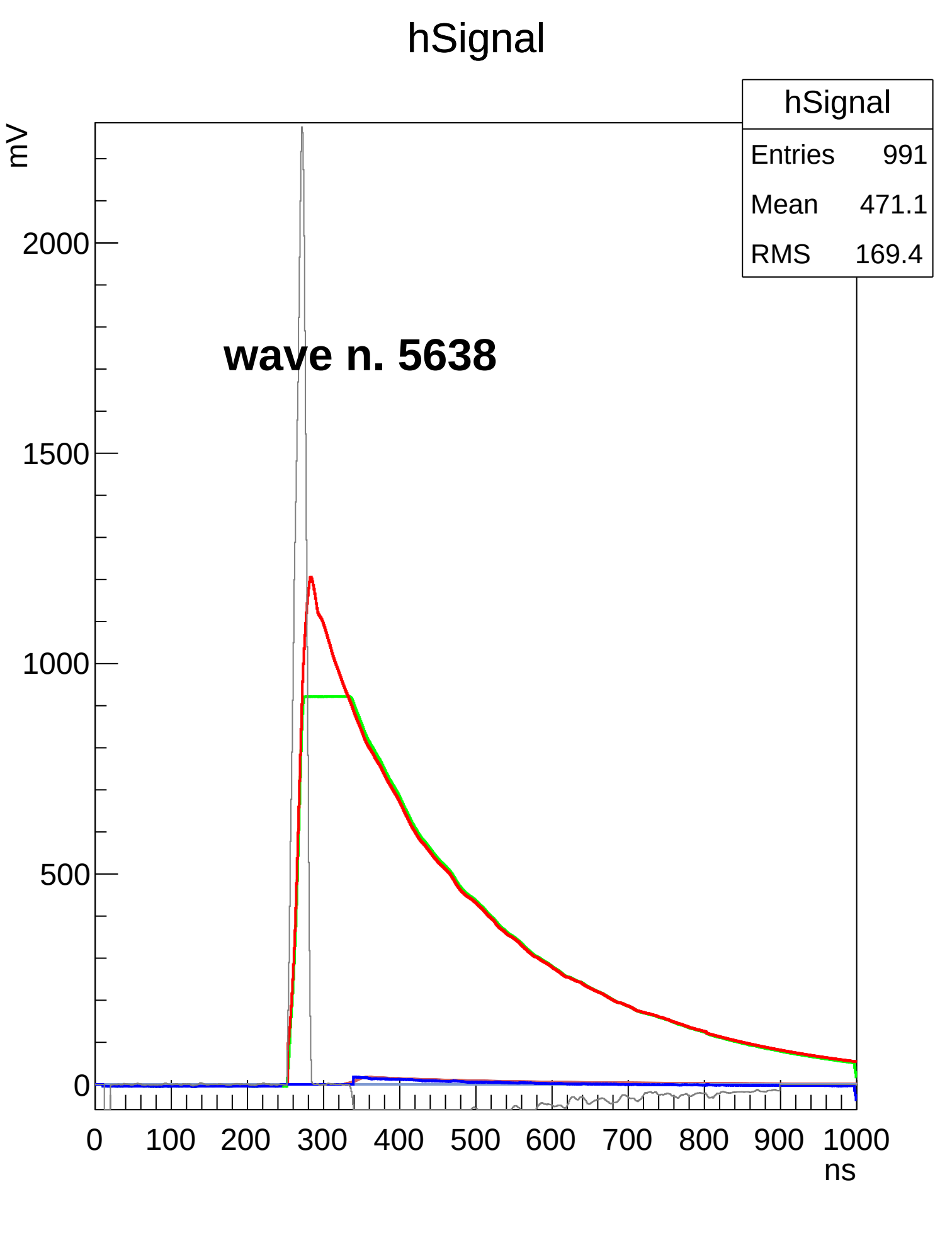
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 517.7
RMS 170.3
wave n. 5637
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 471.1
RMS 169.4
wave n. 5638
mV
2000
1500
1000
500
0
0
100
200
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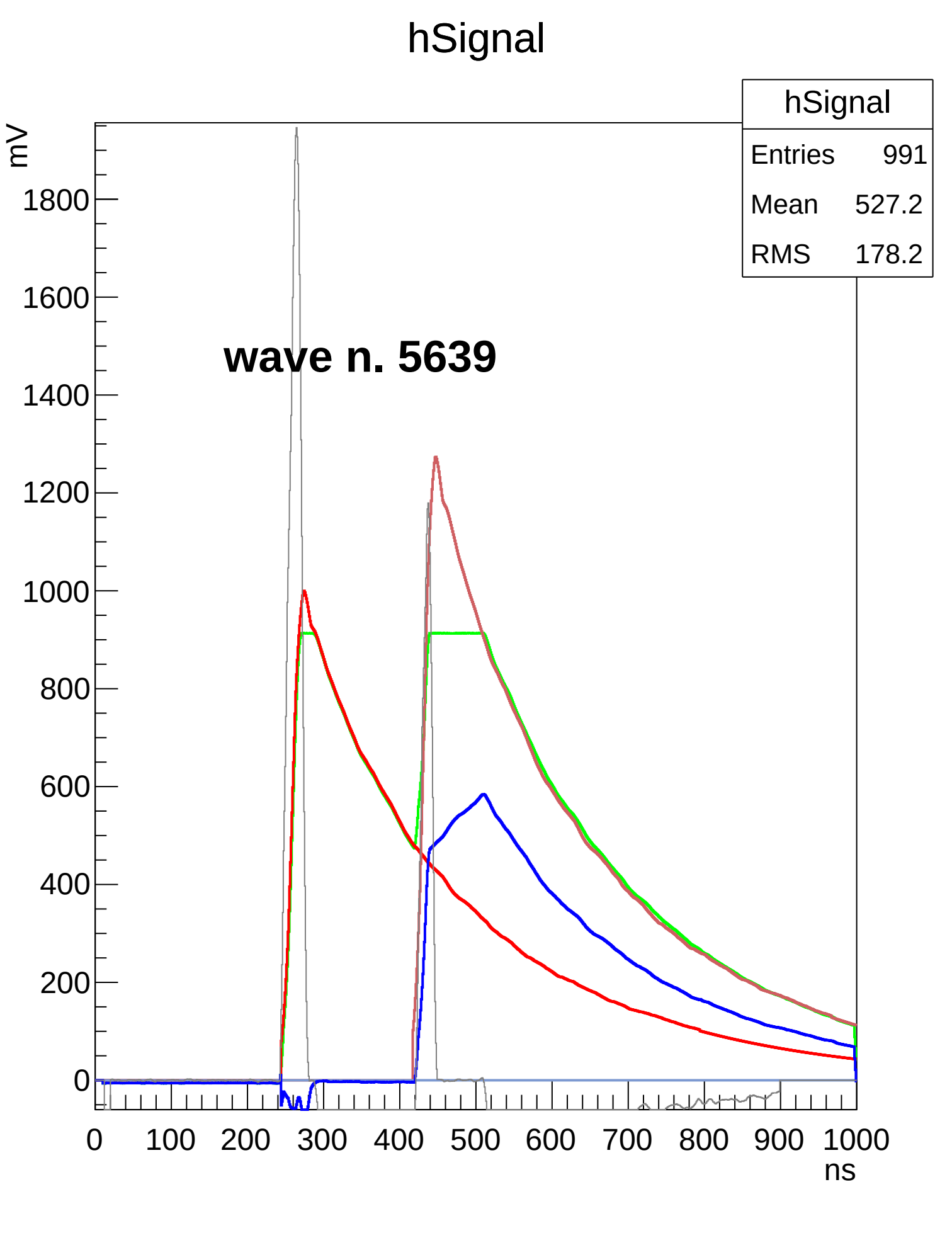
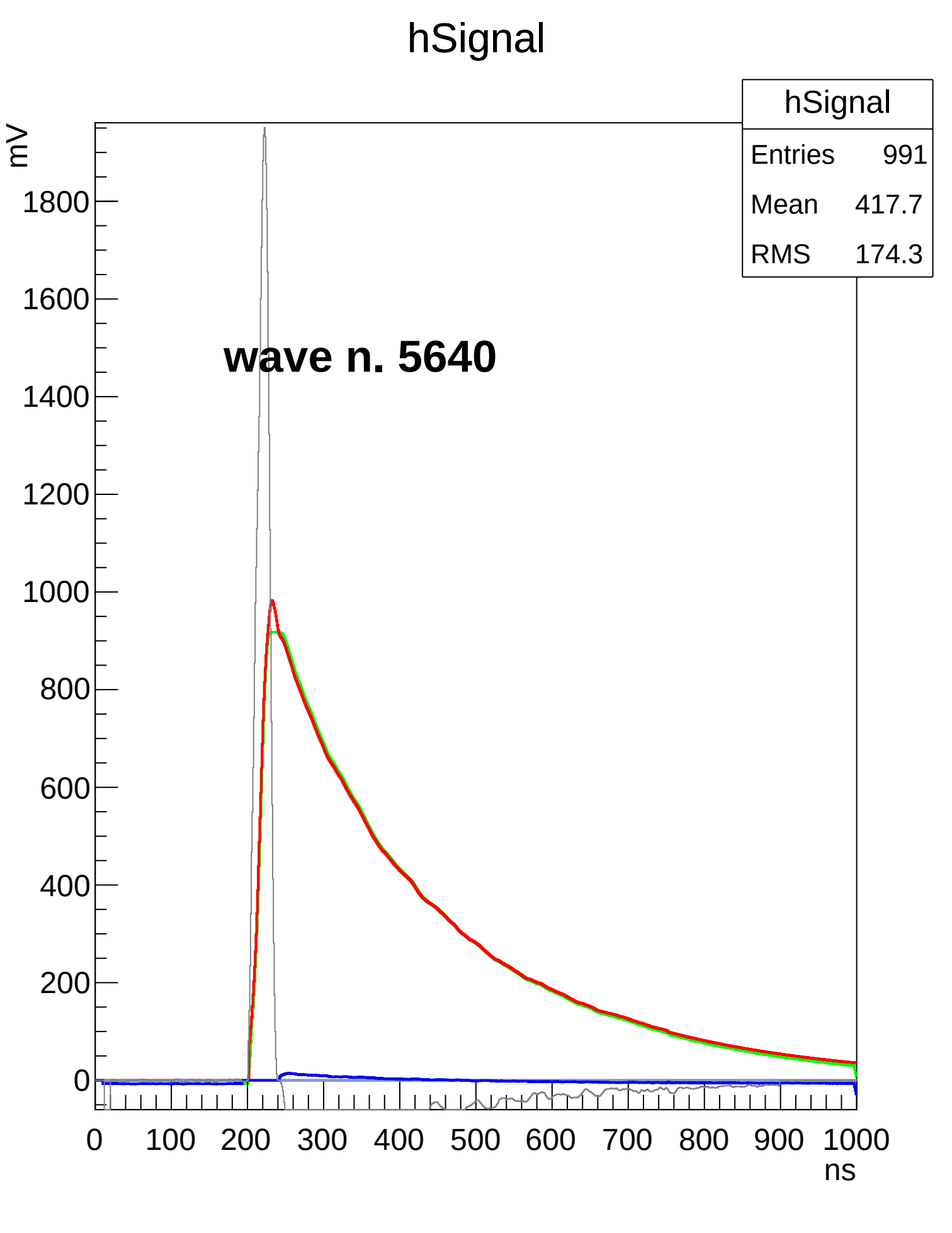
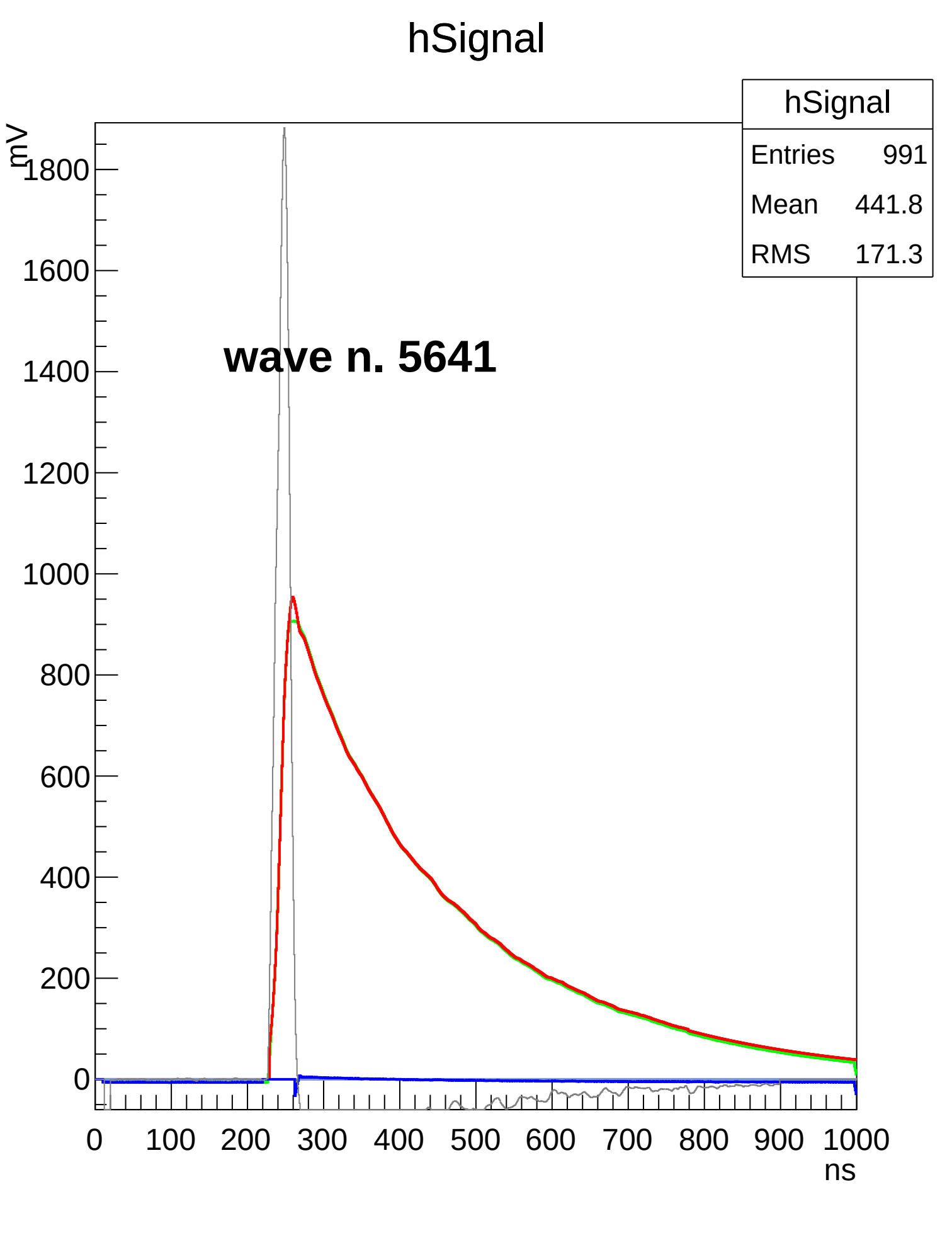
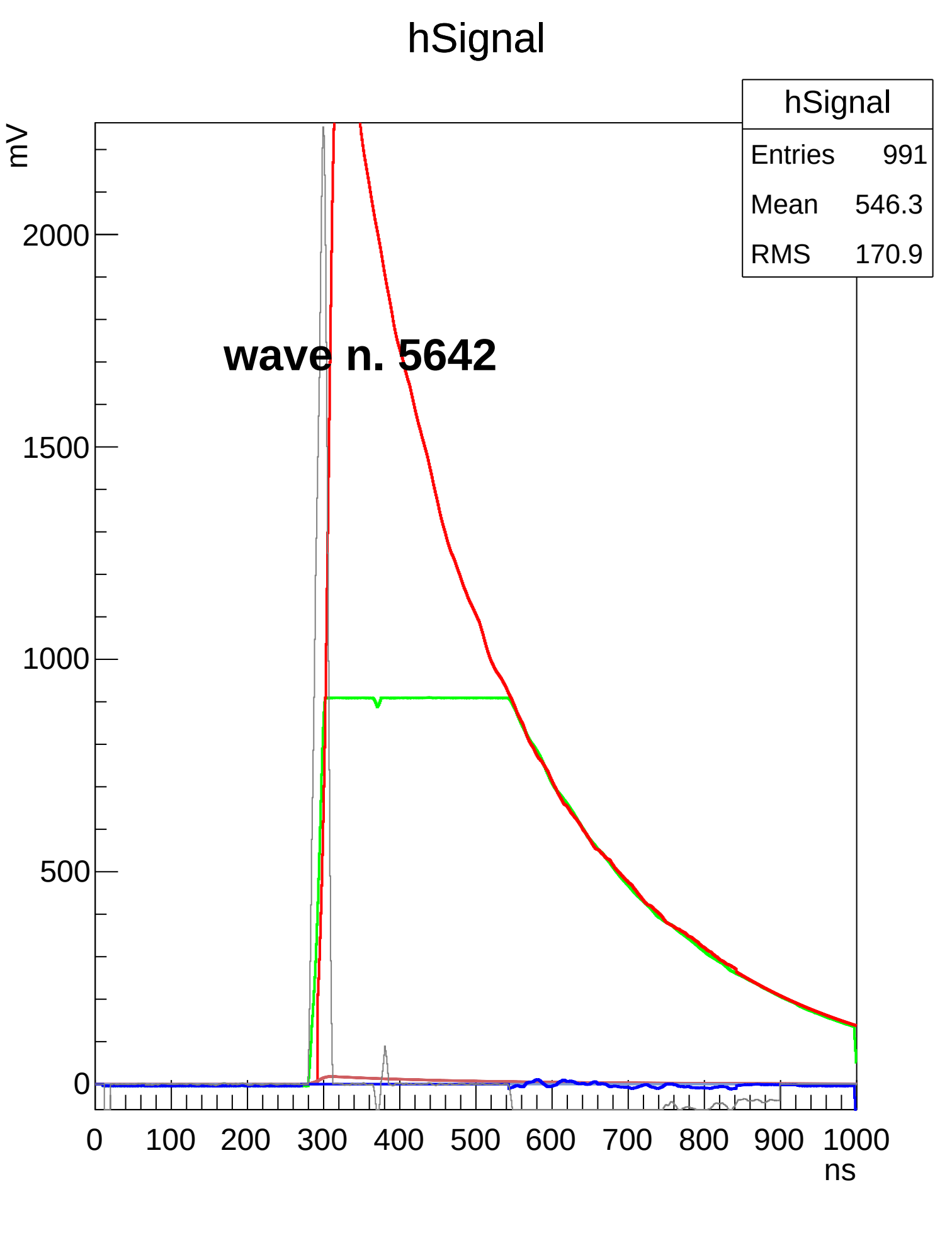
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527.2
RMS 178.2
wave n. 5639
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 417.7
RMS 174.3
wave n. 5640
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 441.8
RMS 171.3
wave n. 5641
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 546.3
RMS 170.9
wave n. 5642
mV
2000
1500
1000
500
0
0
100
200
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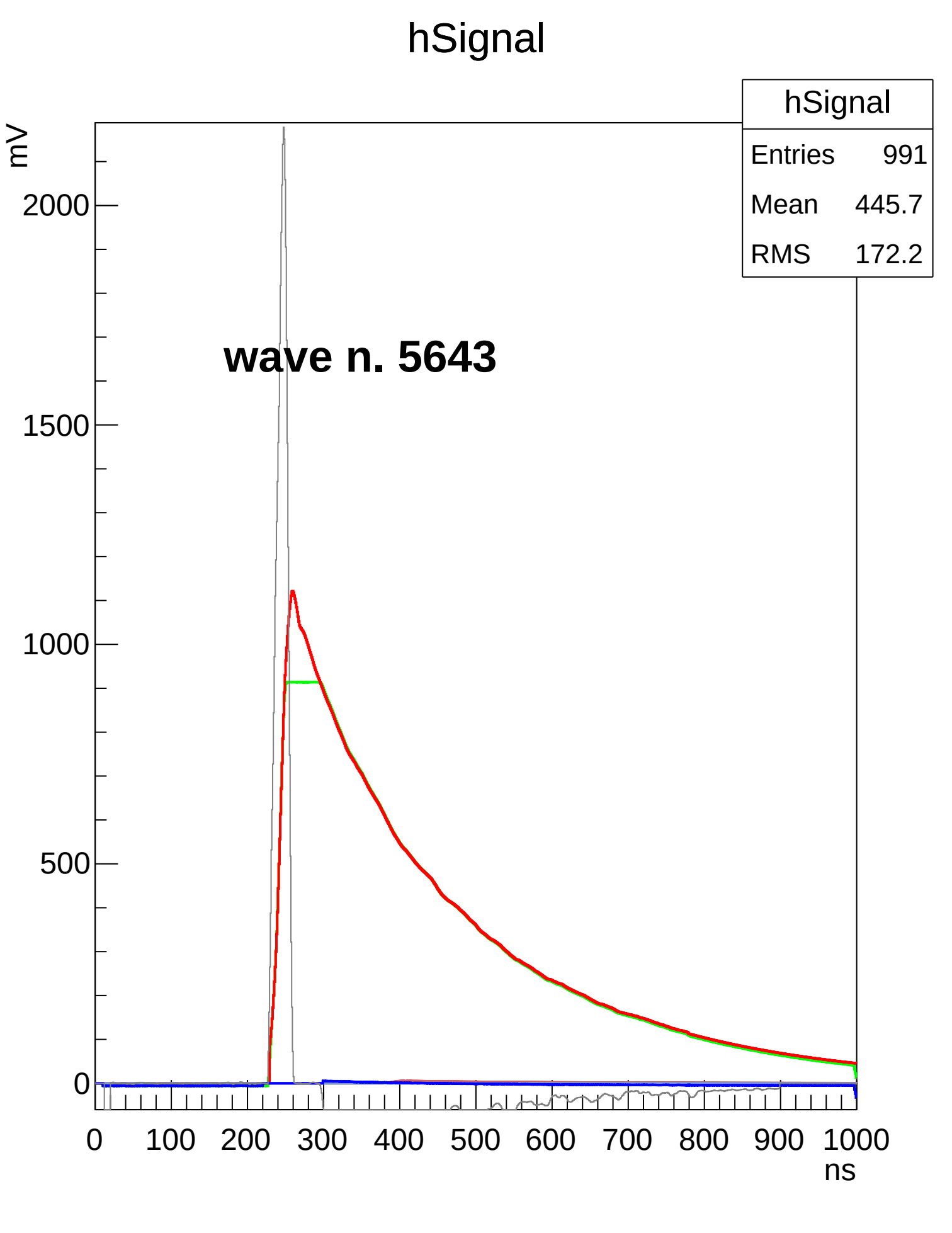
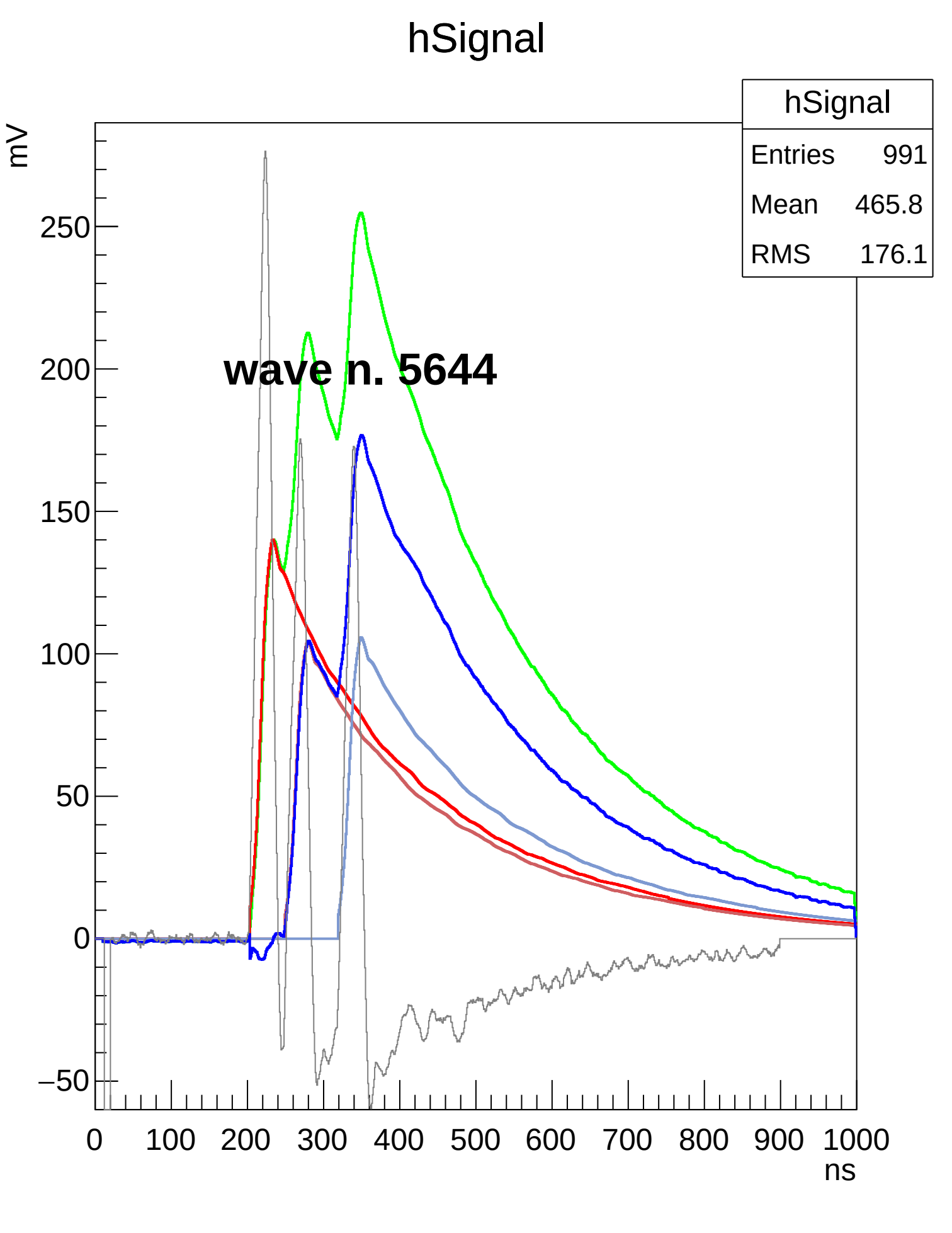
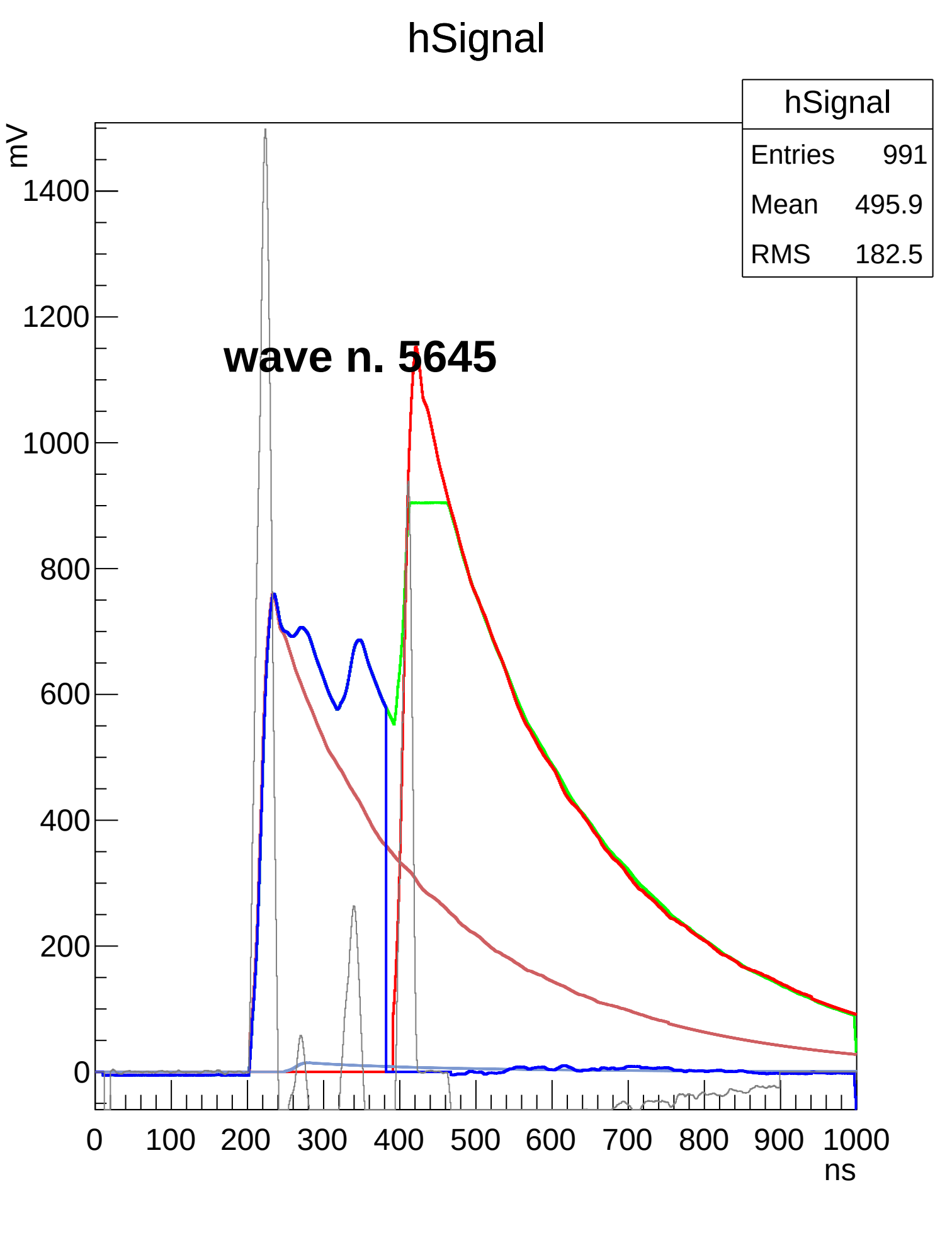
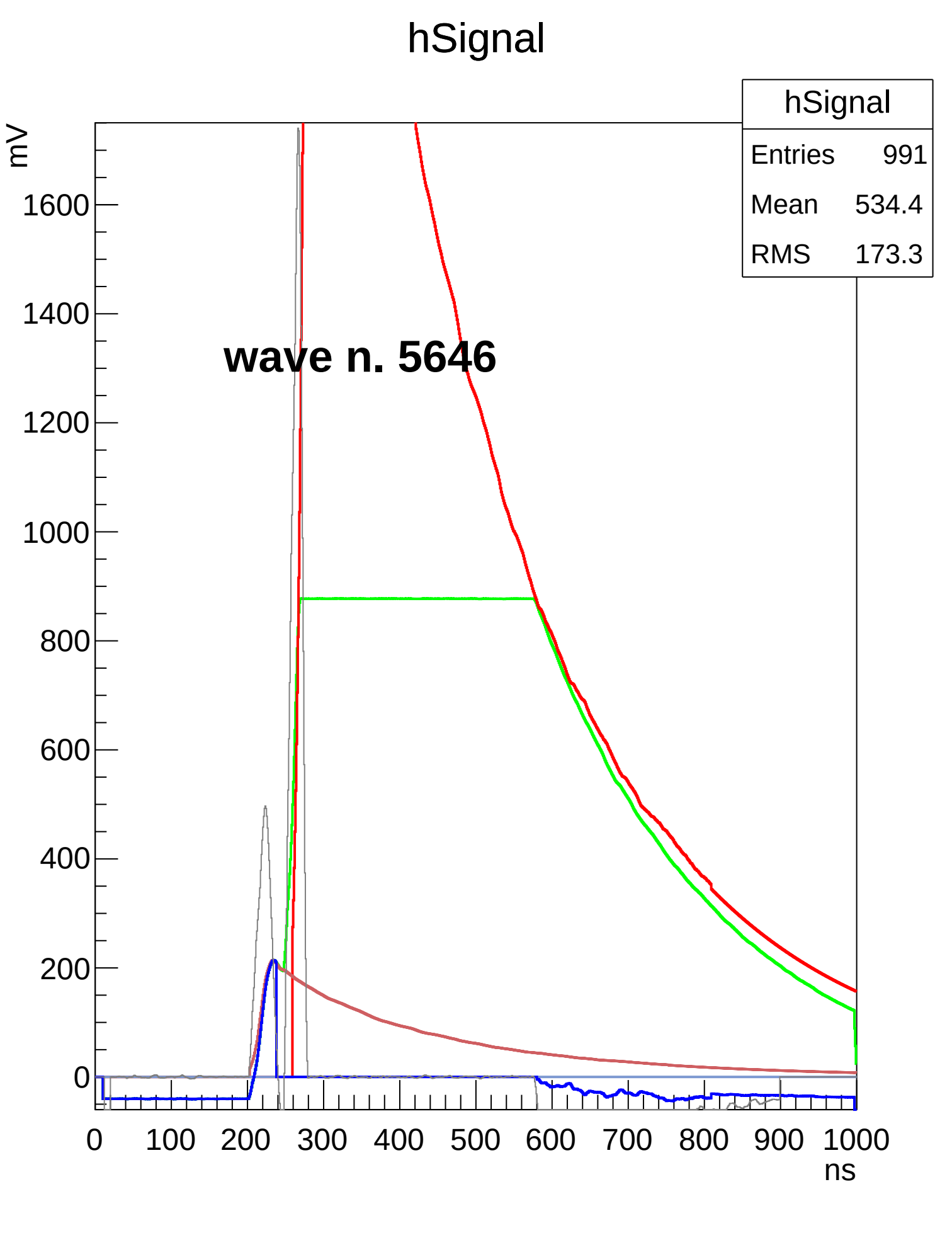
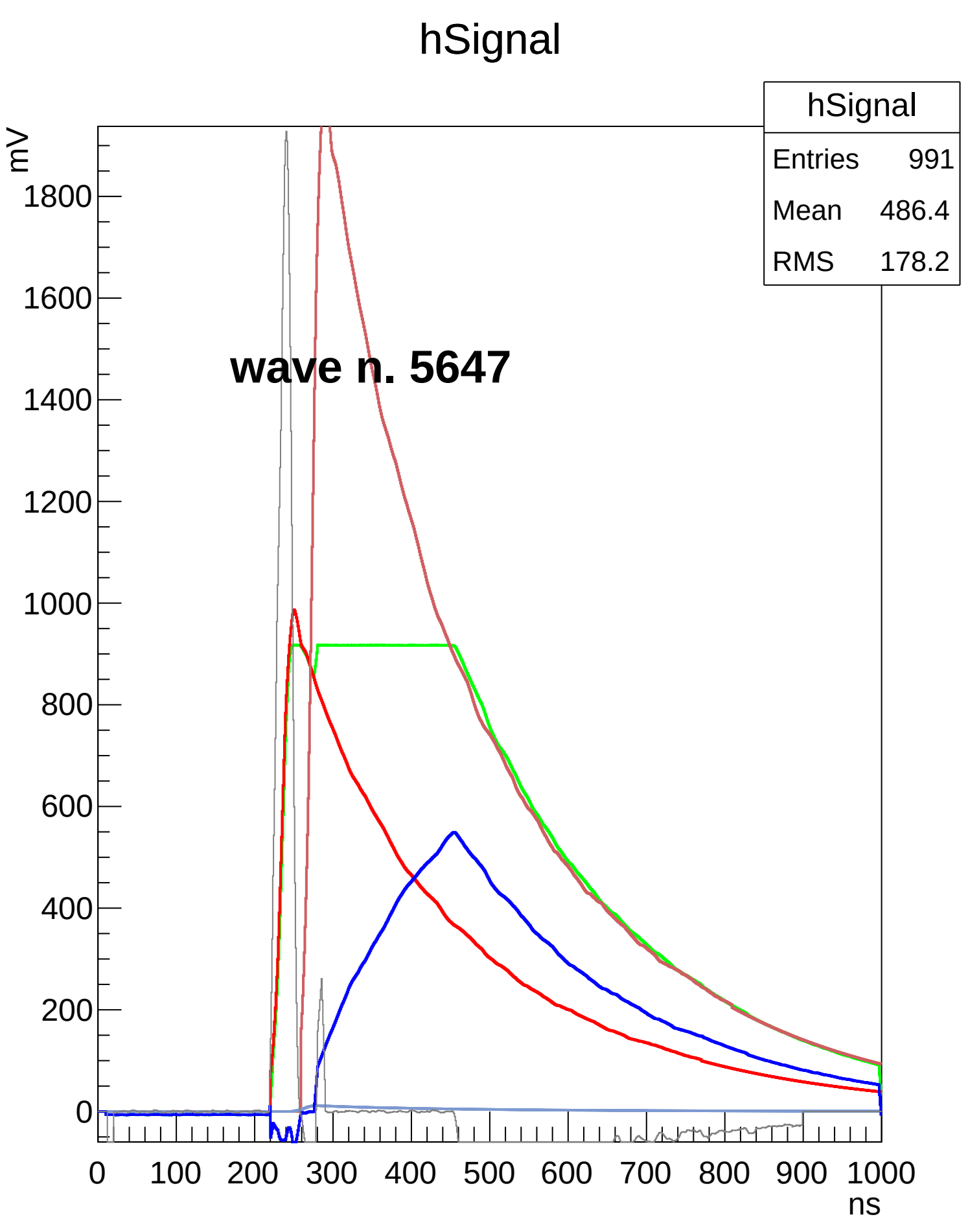
700
800
900
1000
ns

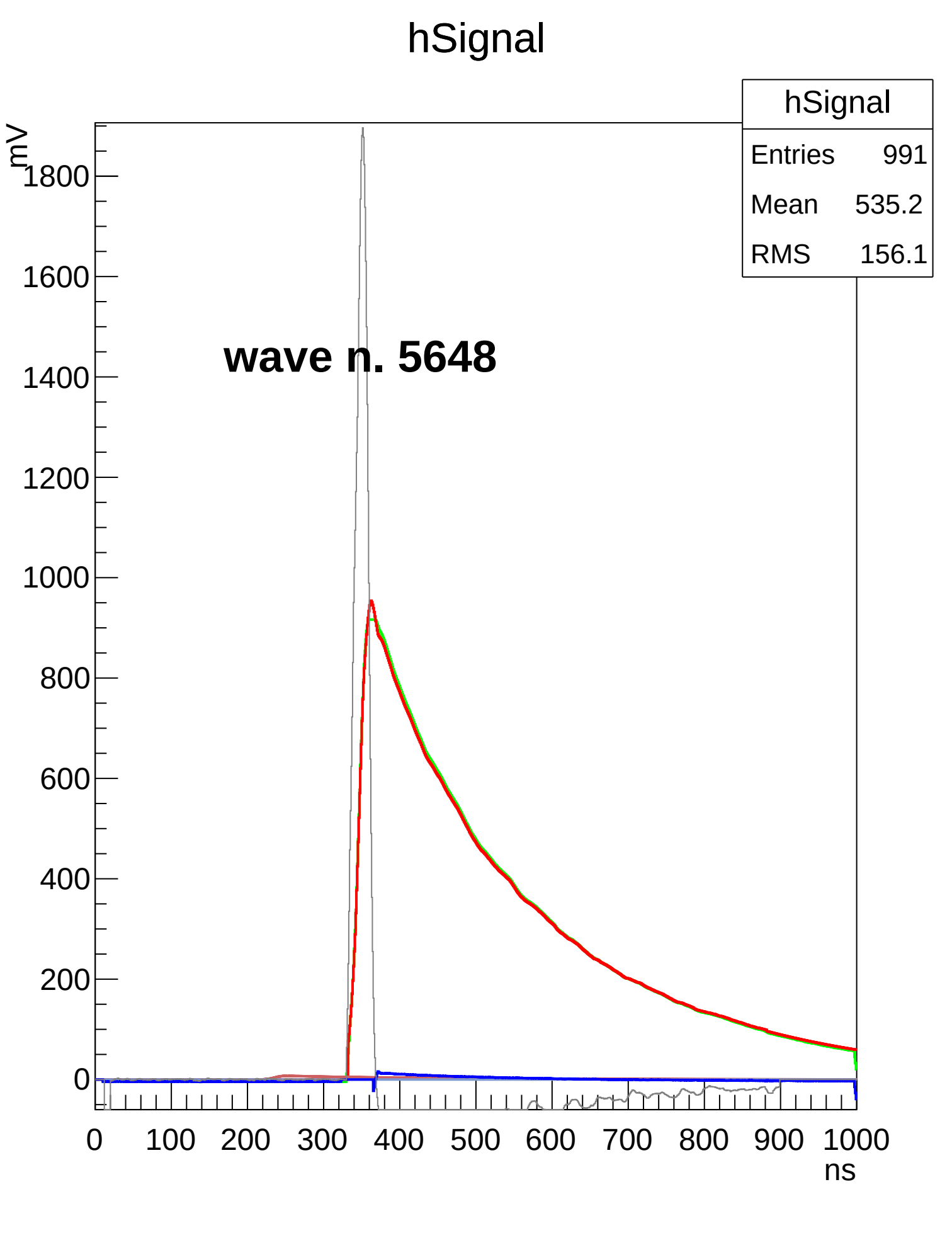

hSignal
hSignal
Entries 991
Mean 445.7
RMS 172.2
wave n. 5643
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

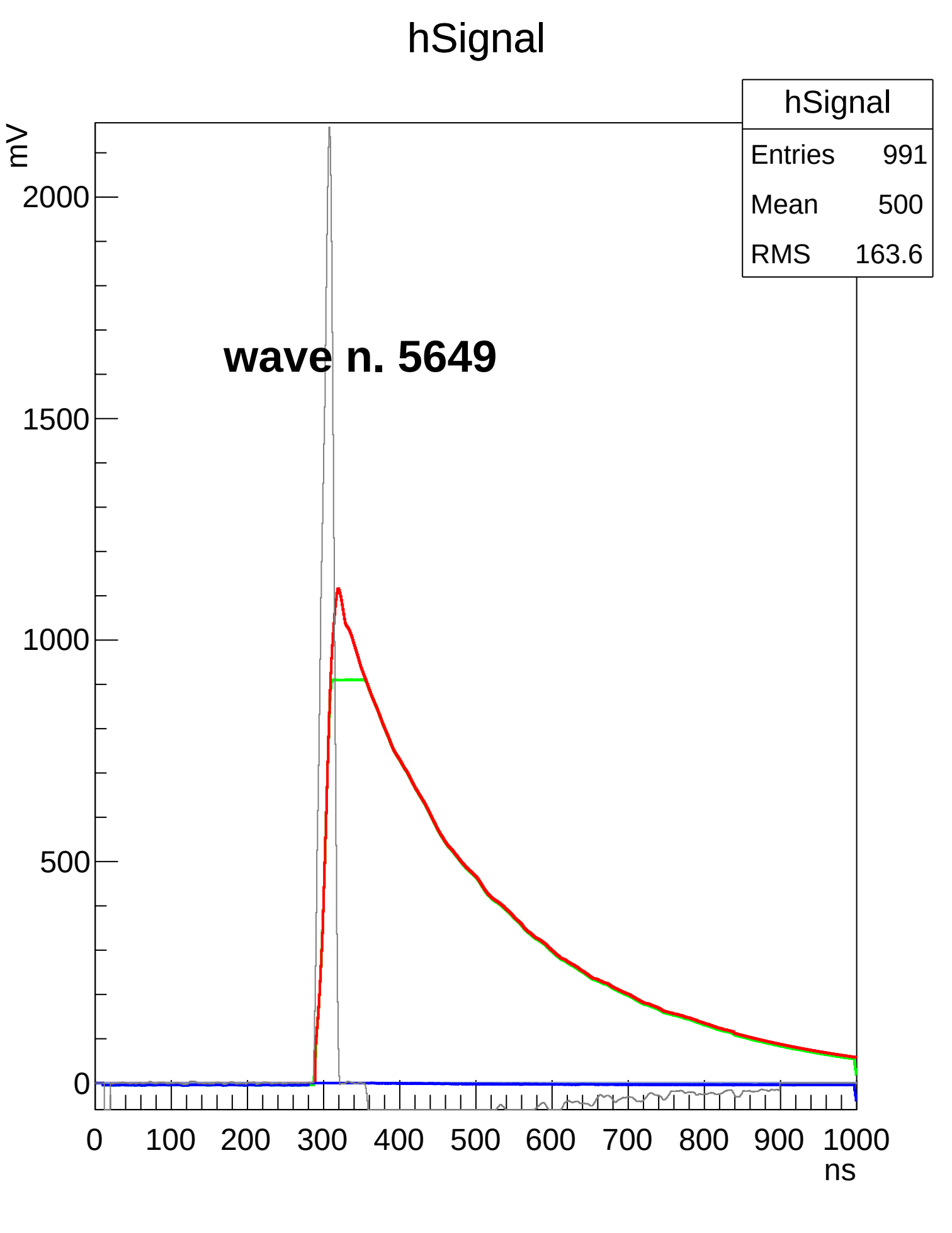

hSignal
hSignal
Entries 991
Mean 465.8
RMS 176.1
wave n. 5644
mV
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns

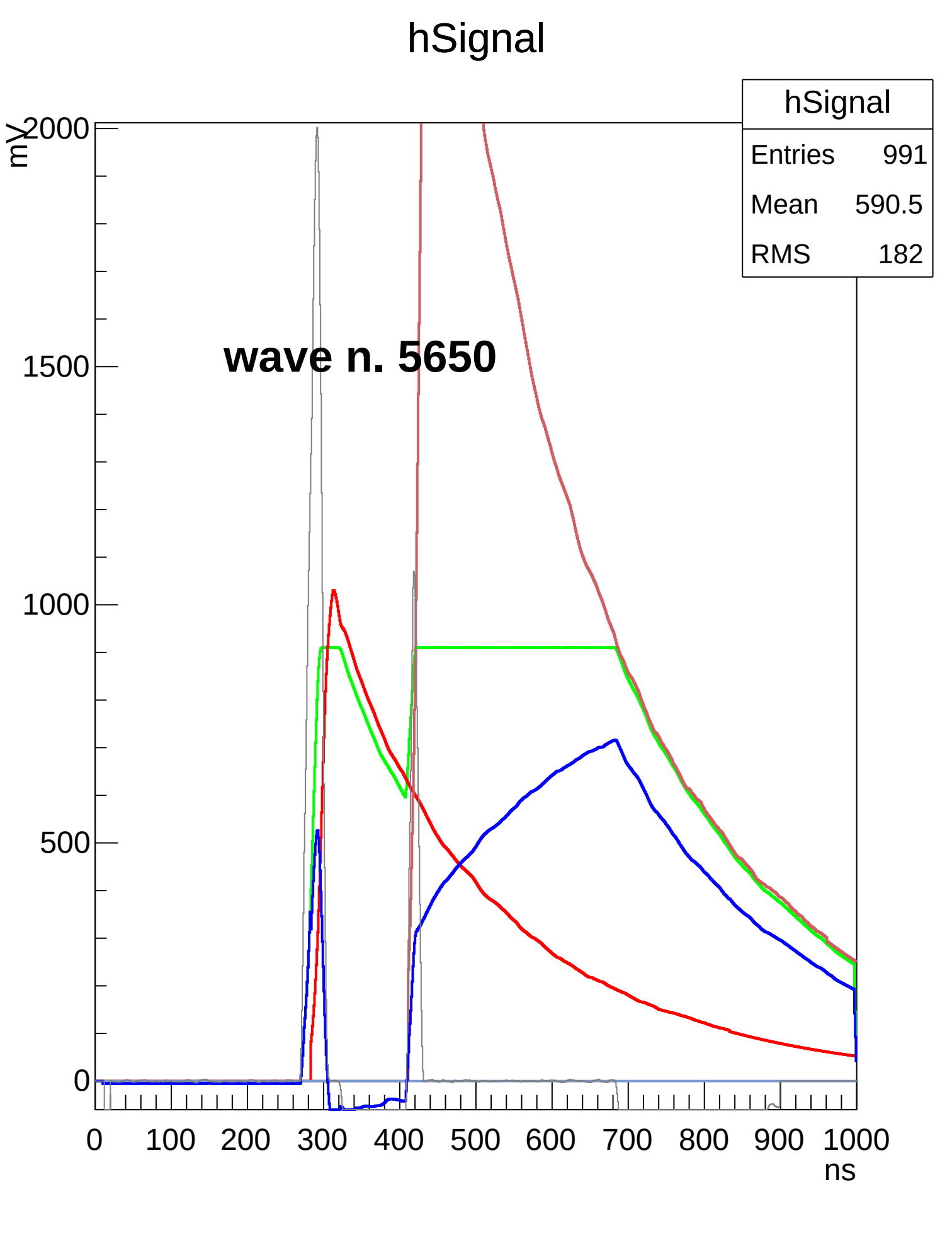

hSignal
hSignal
Entries 991
Mean 495.9
RMS 182.5
wave n. 5645
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 534.4
RMS 173.3
wave n. 5646
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486.4
RMS 178.2
wave n. 5647
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 535.2
RMS 156.1
wave n. 5648
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 500
RMS 163.6
wave n. 5649
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 590.5
RMS 182
wave n. 5650
mV
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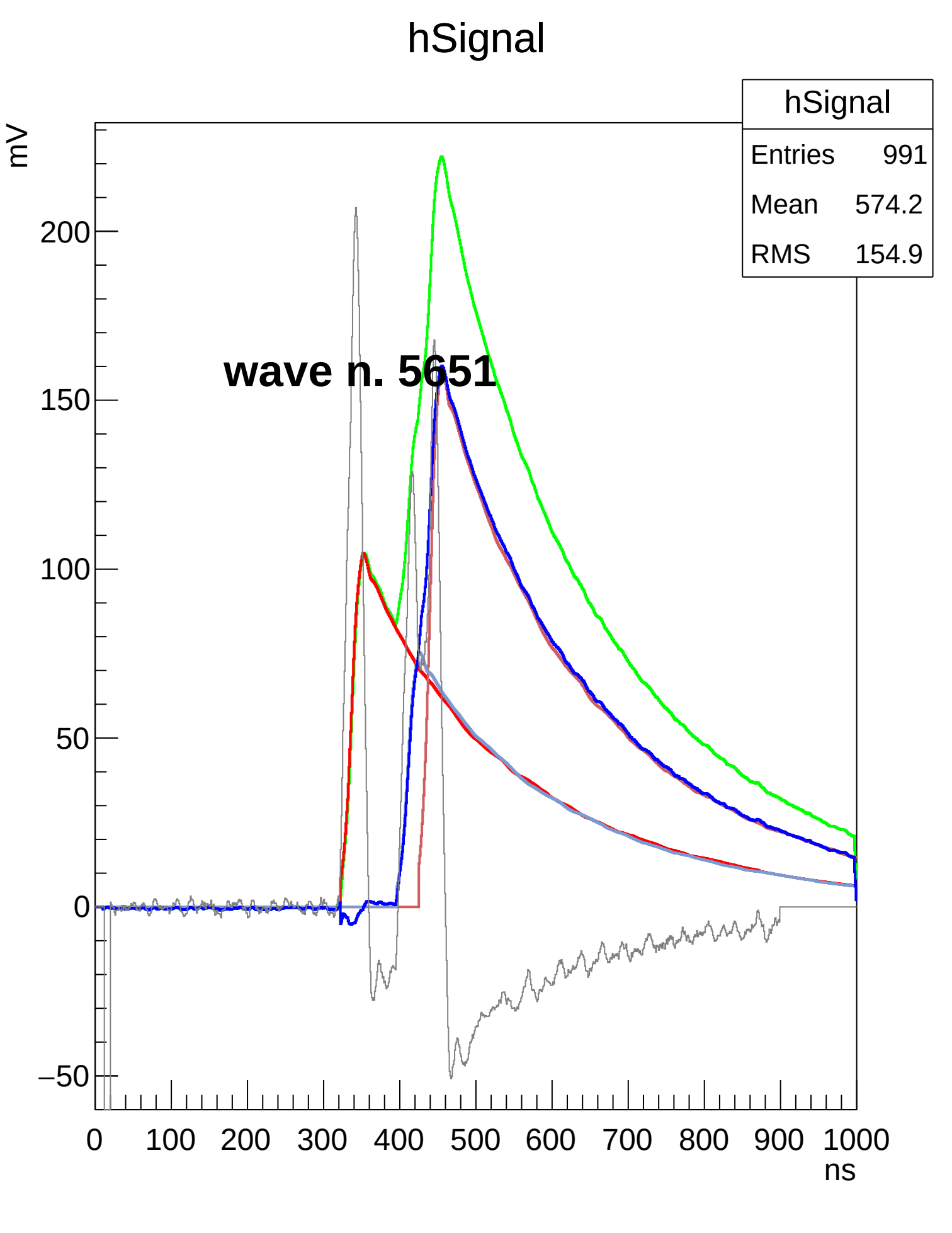
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 574.2
RMS 154.9
wave n. 5651
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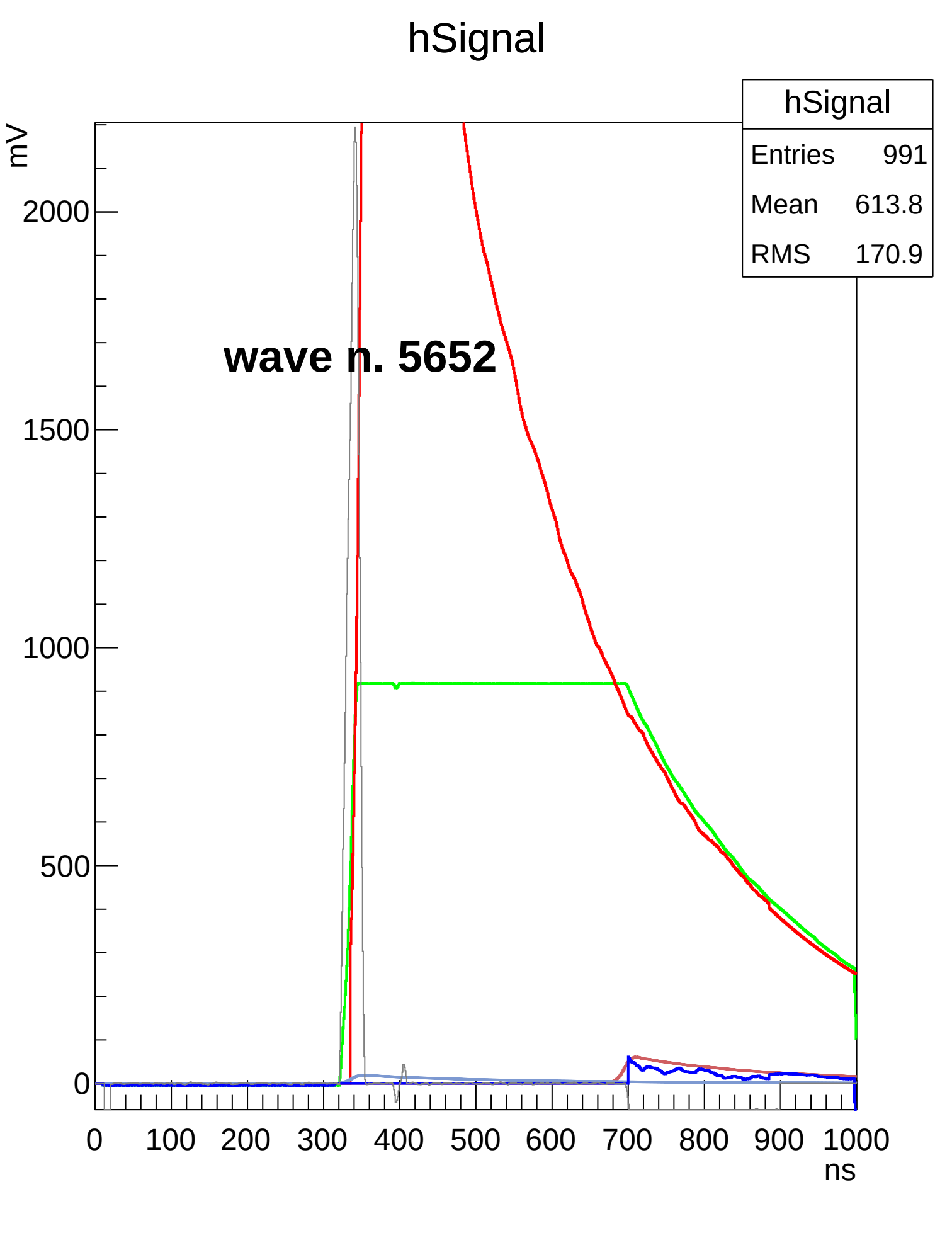
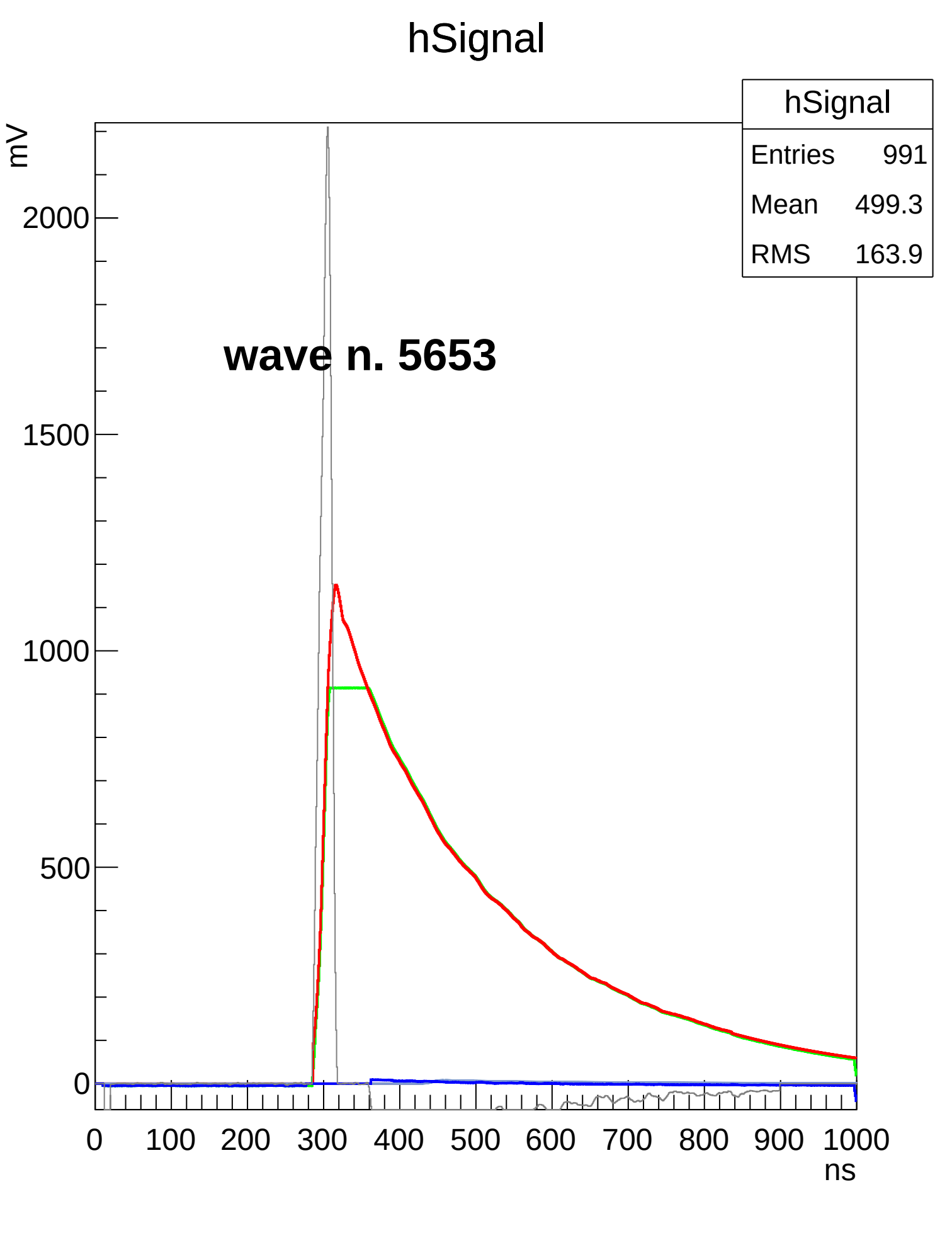
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 613.8
RMS 170.9
wave n. 5652
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 499.3
RMS 163.9
wave n. 5653
mV
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1500
1000
500
0
0
100
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400
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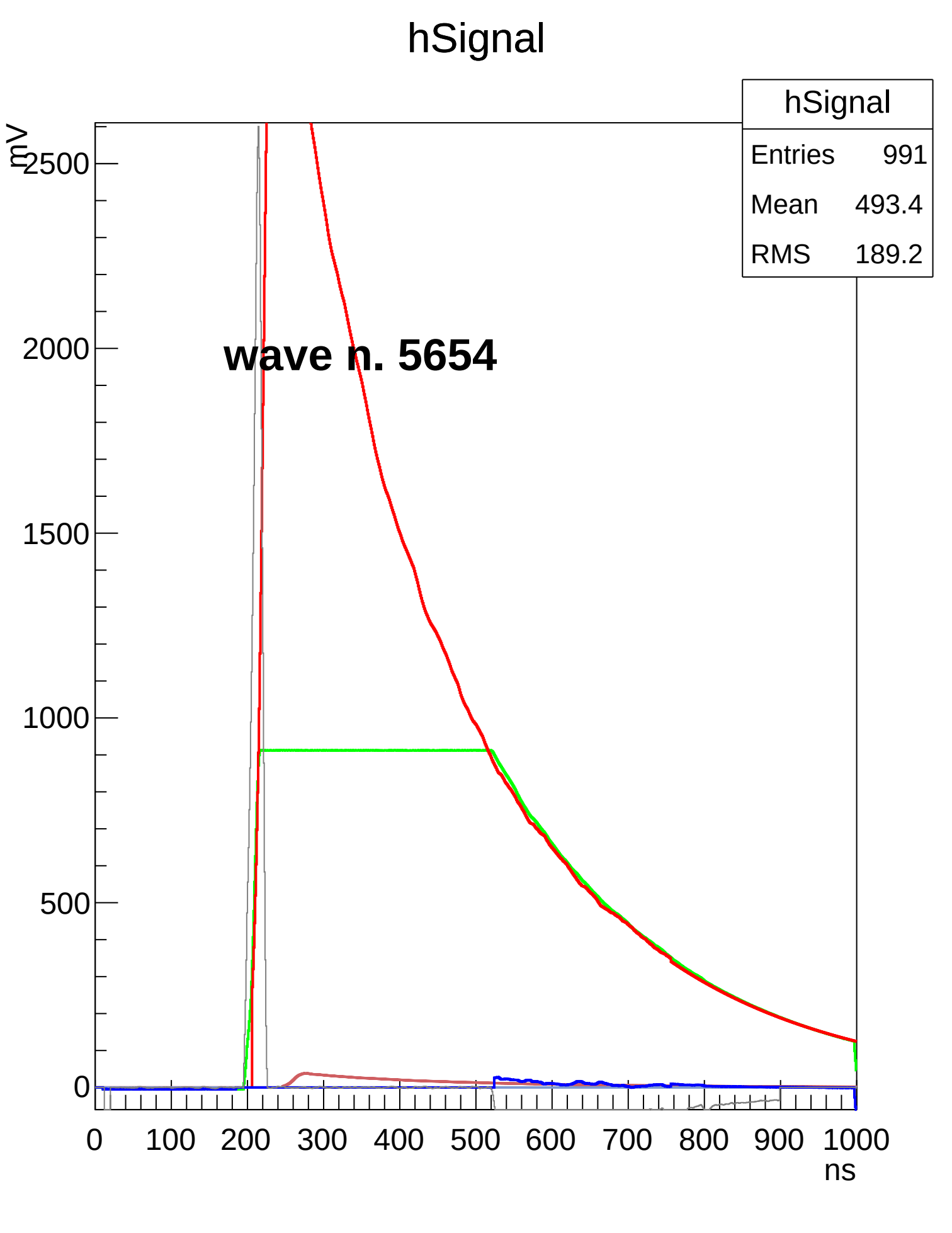
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 493.4
RMS 189.2
wave n. 5654
mV
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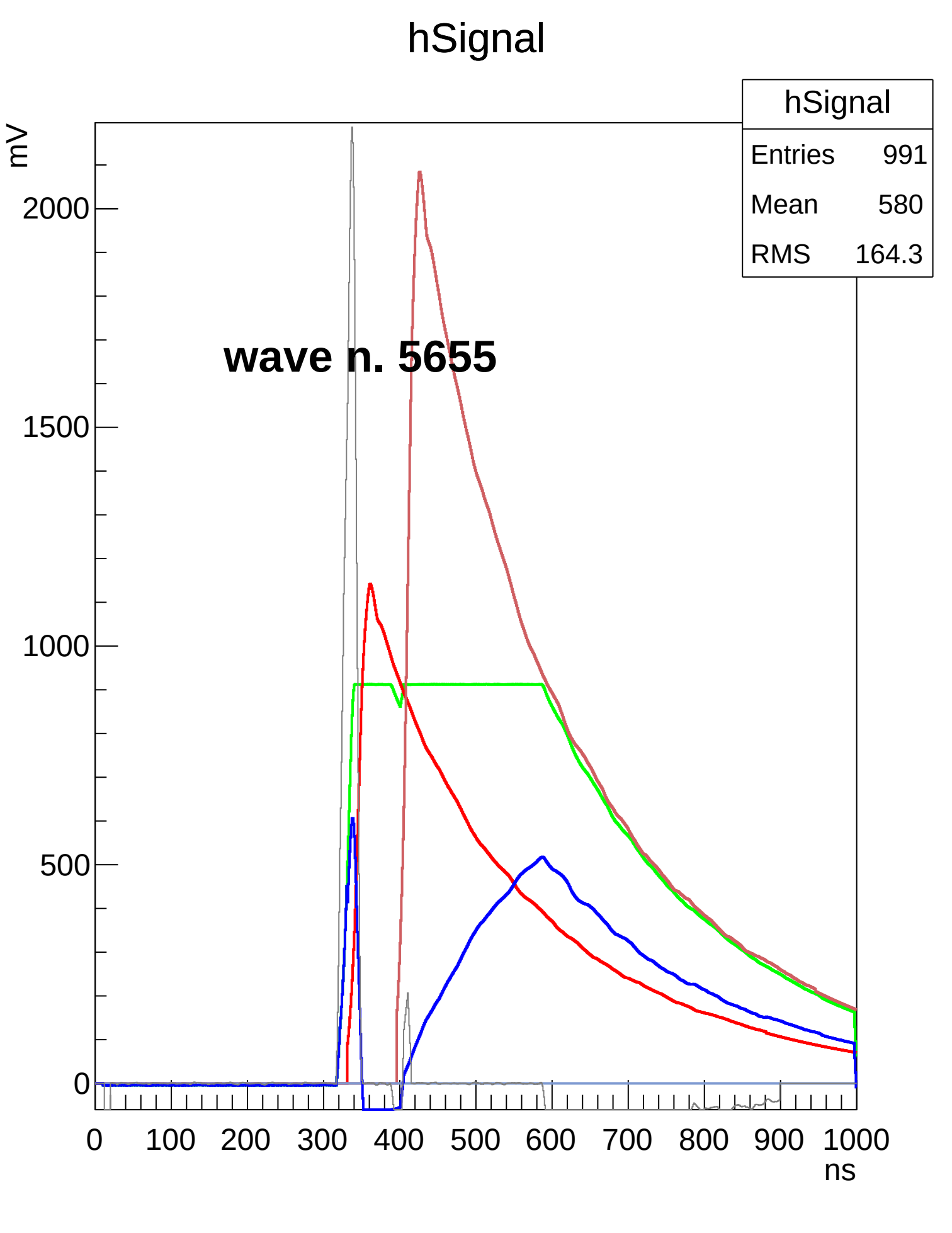
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580
RMS 164.3
wave n. 5655
mV
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1500
1000
500
0
0
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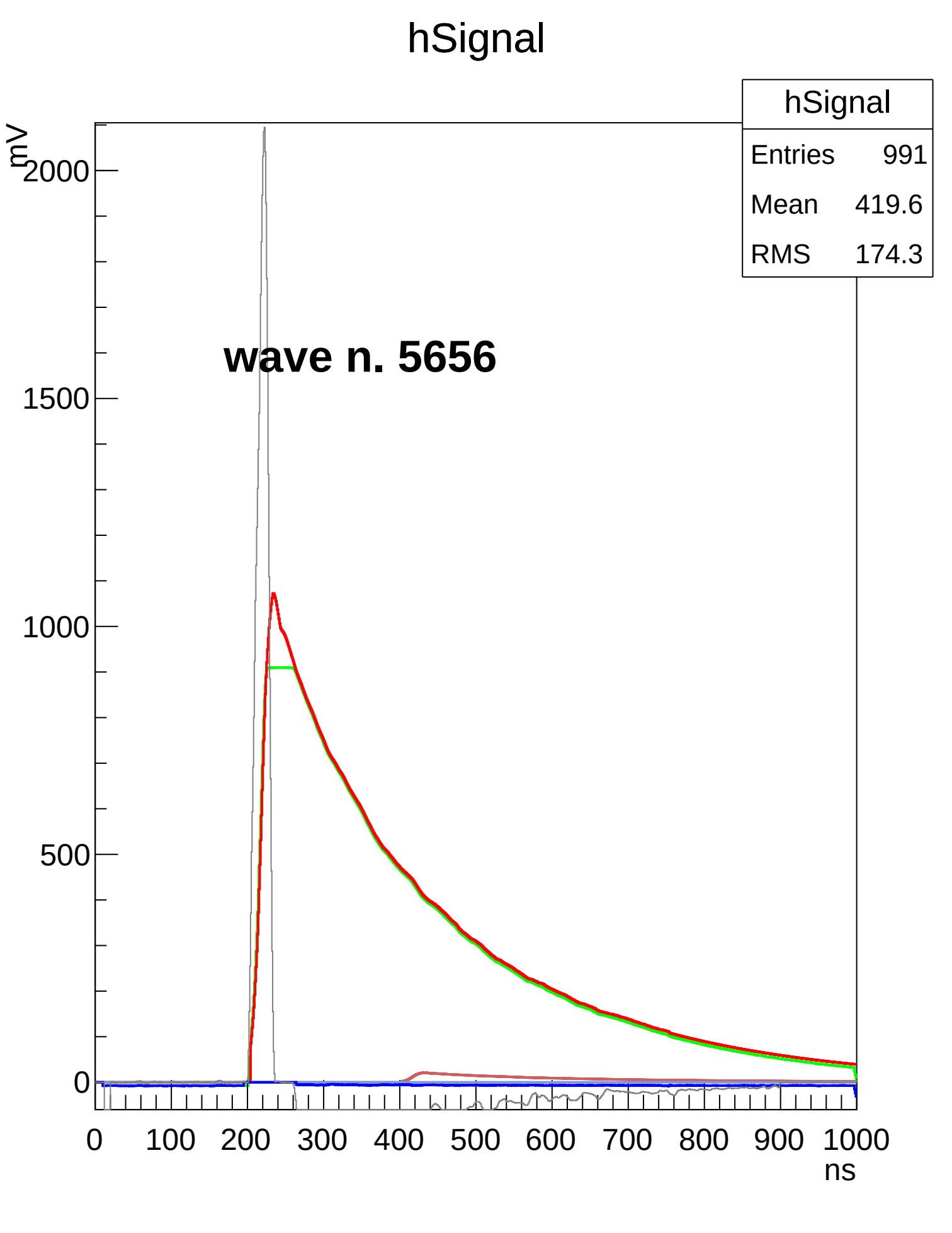
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 419.6
RMS 174.3
wave n. 5656
mV
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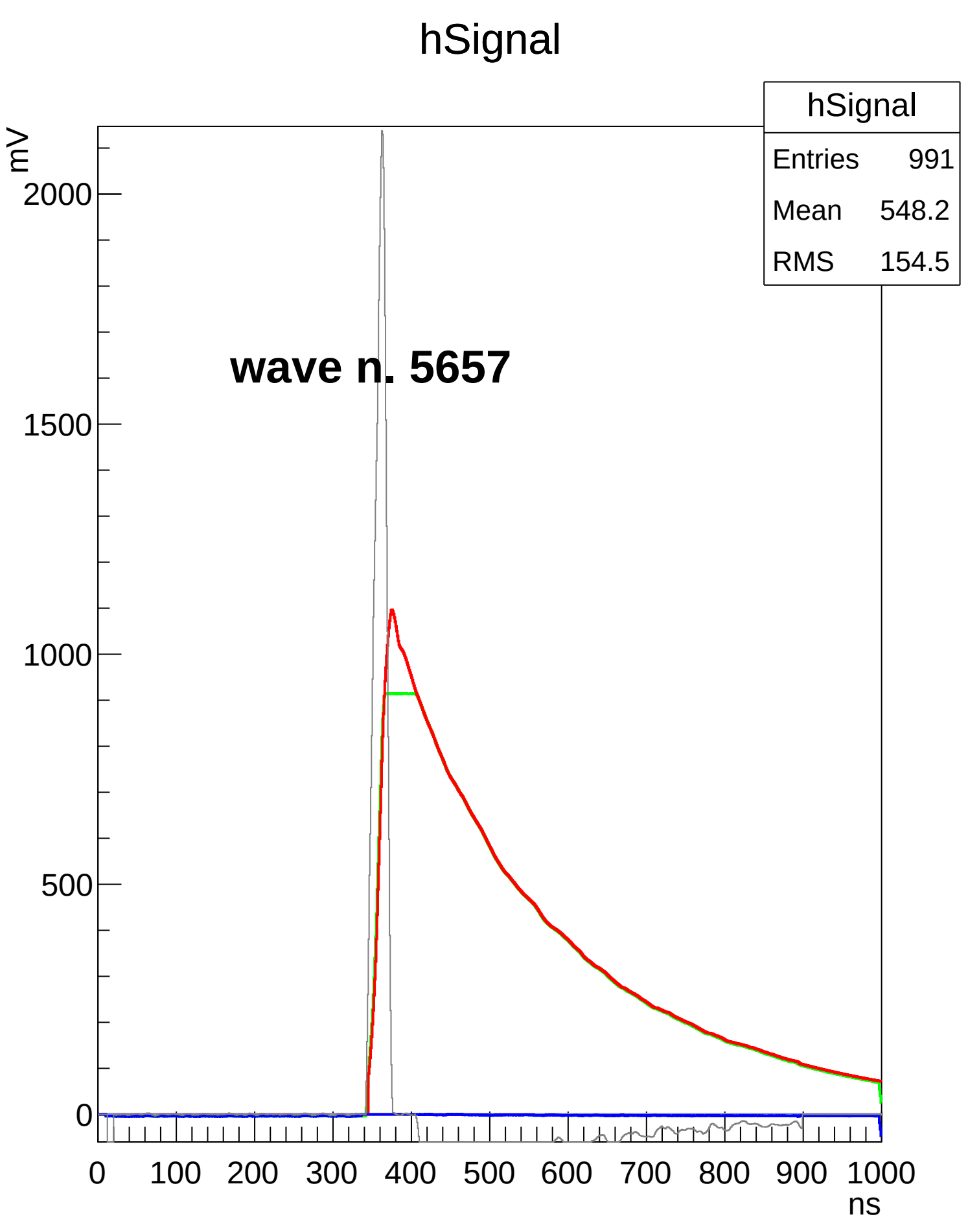
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 548.2
RMS 154.5
wave n. 5657
mV
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1500
1000
500
0
0
100
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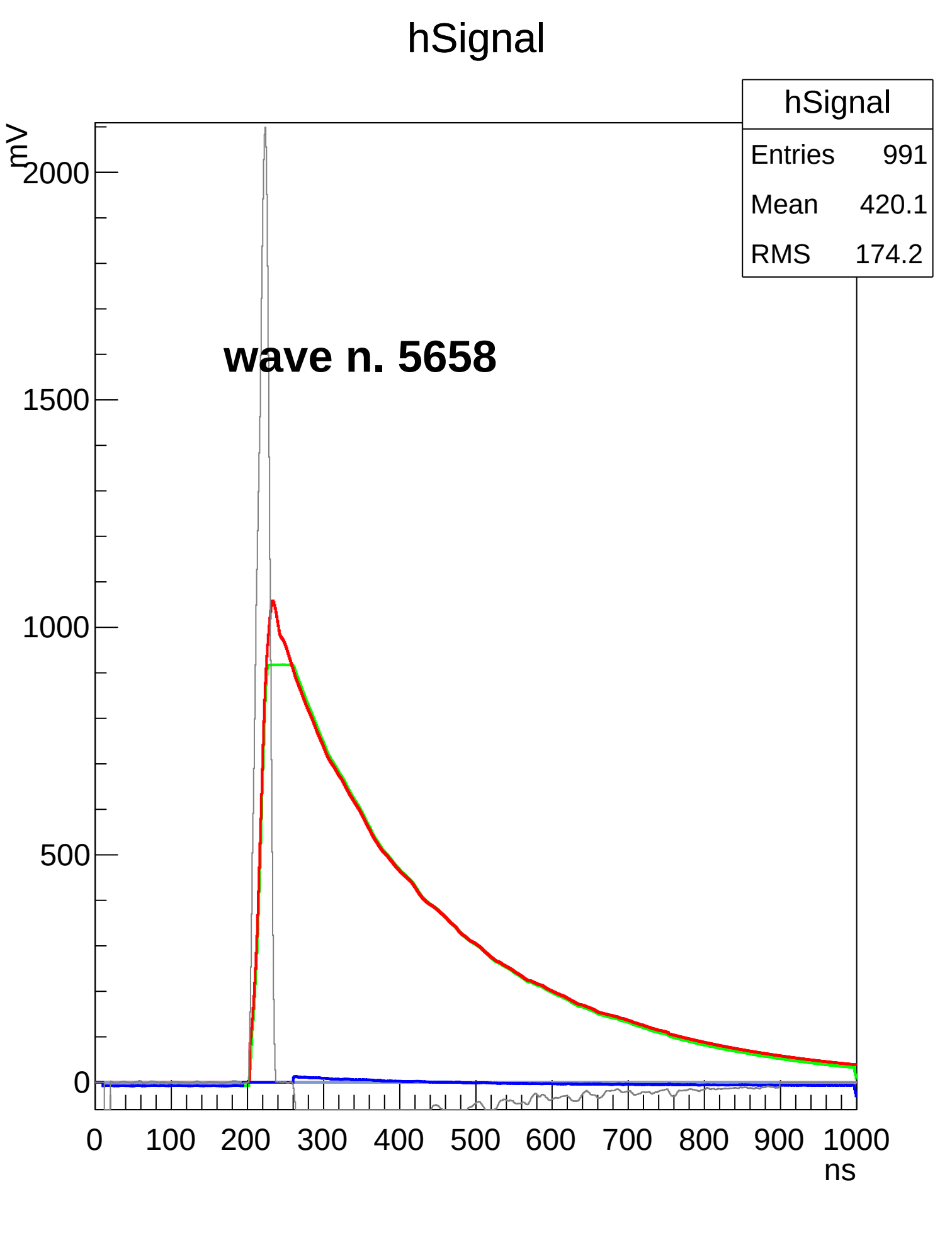
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 420.1
RMS 174.2
wave n. 5658
mV
2000
1500
1000
500
0
0
100
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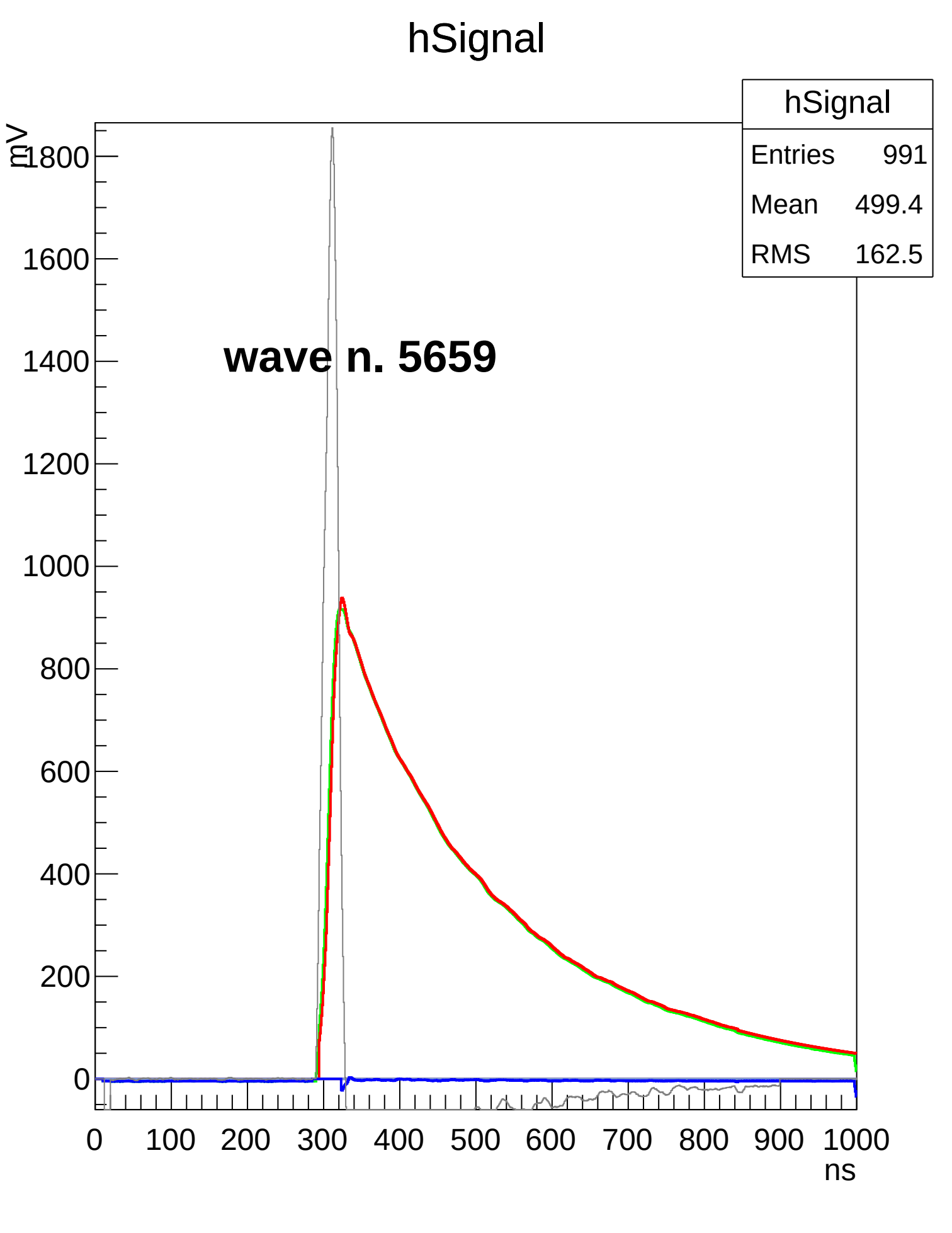
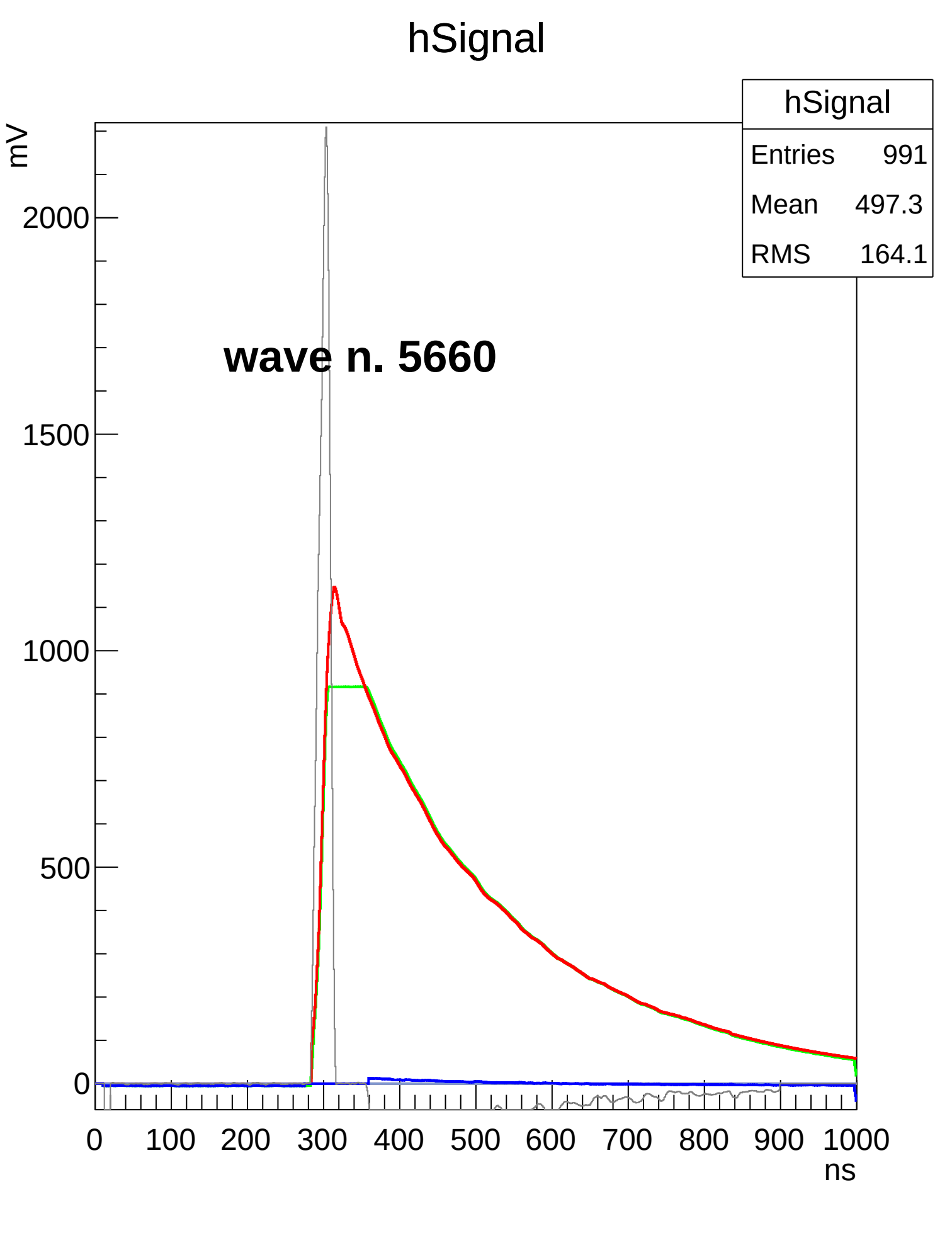
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.4
RMS 162.5
wave n. 5659
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 497.3
RMS 164.1
wave n. 5660
mV
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1500
1000
500
0
0
100
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400
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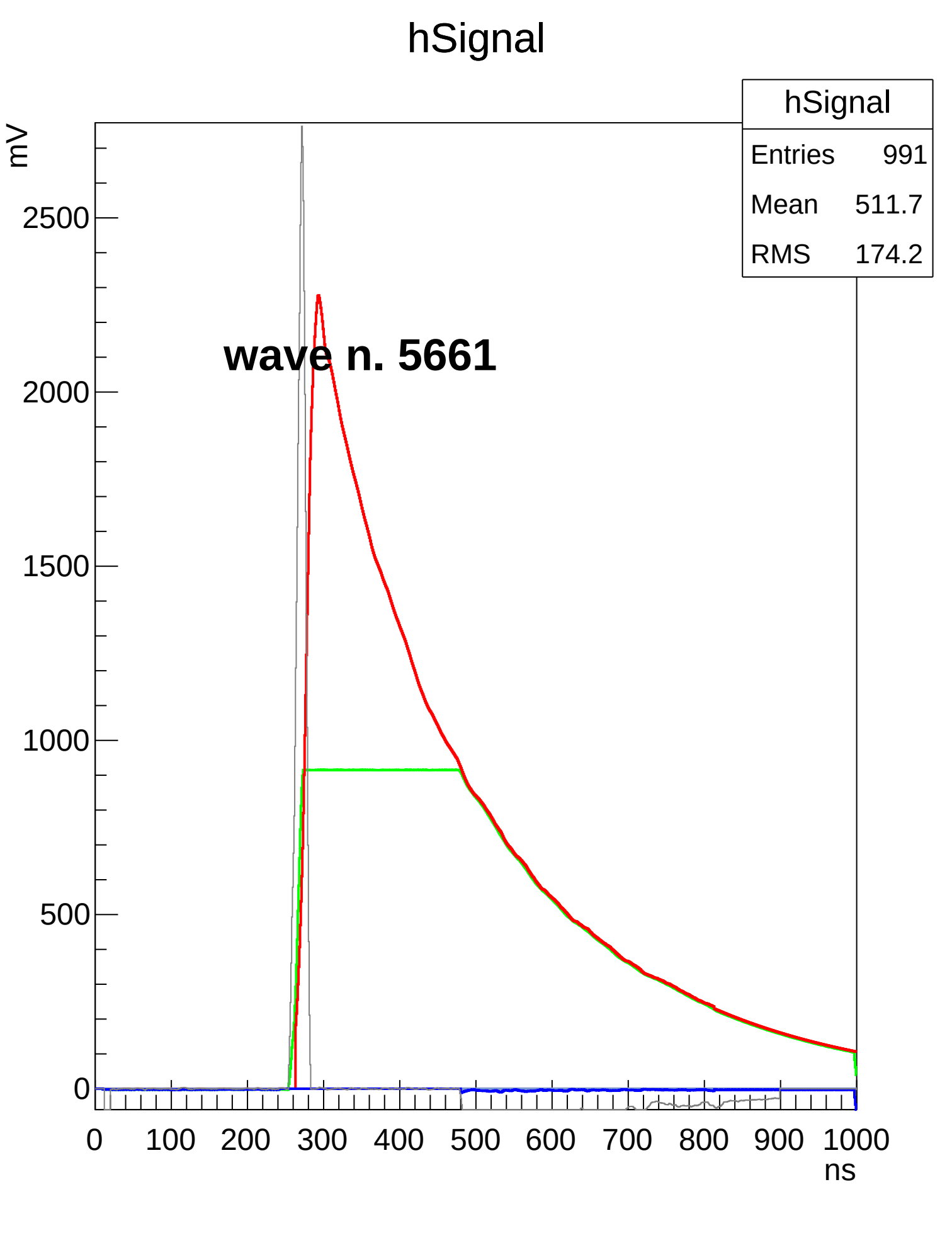
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 511.7
RMS 174.2
wave n. 5661
mV
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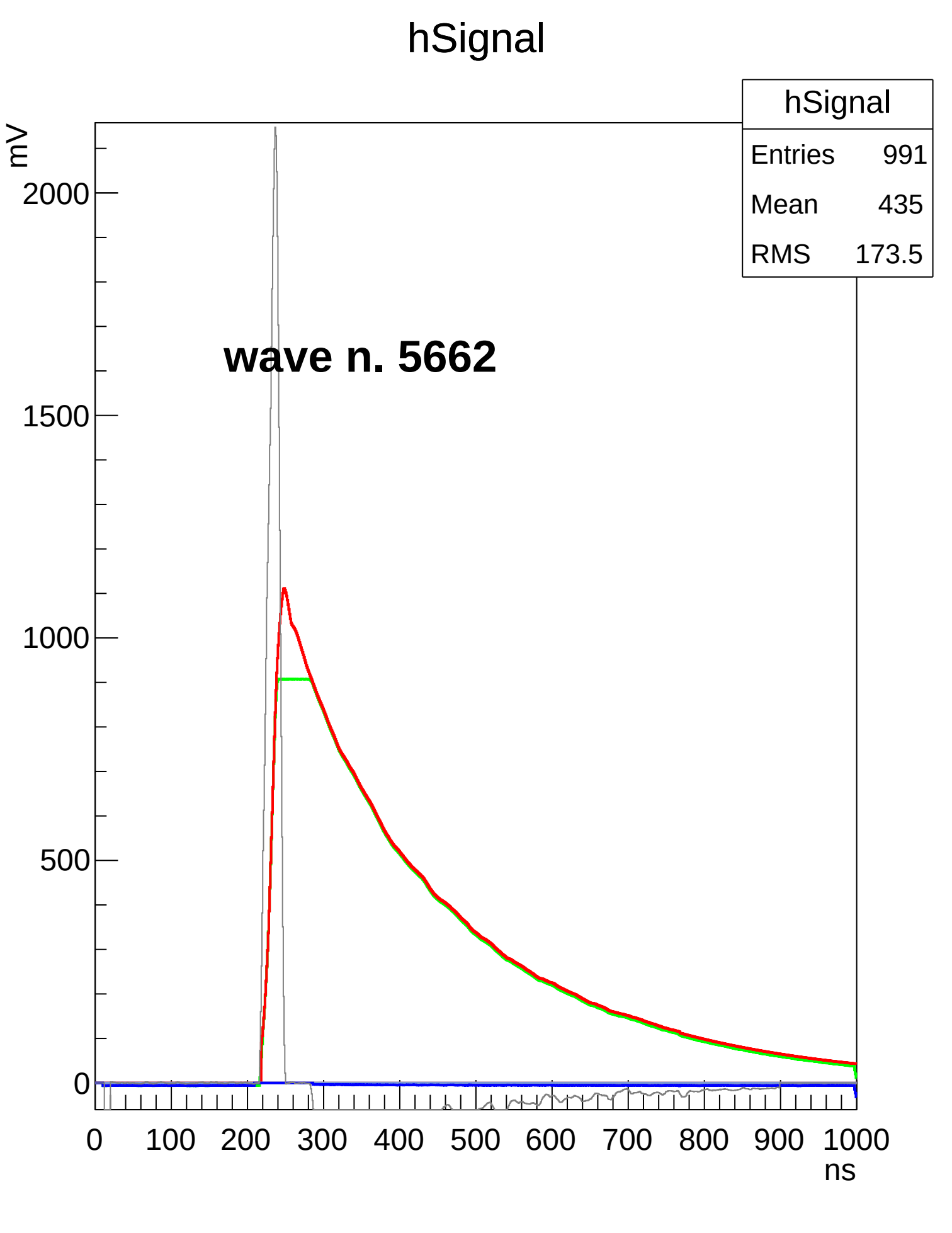
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 435
RMS 173.5
wave n. 5662
mV
2000
1500
1000
500
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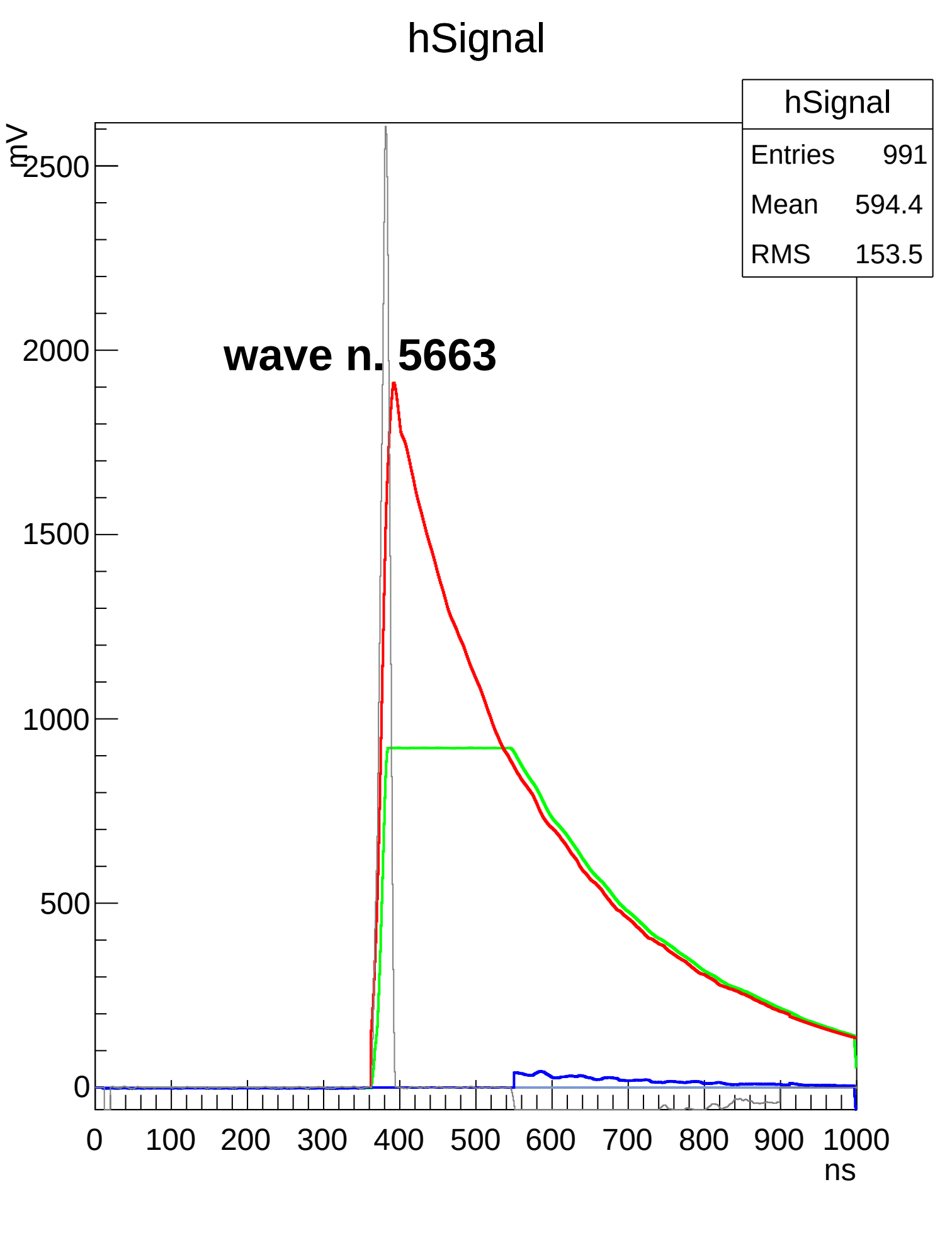
ns


hSignal
hSignal
Entries 991
Mean 594.4
RMS 153.5
wave n. 5663
mV
2500
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1000
500
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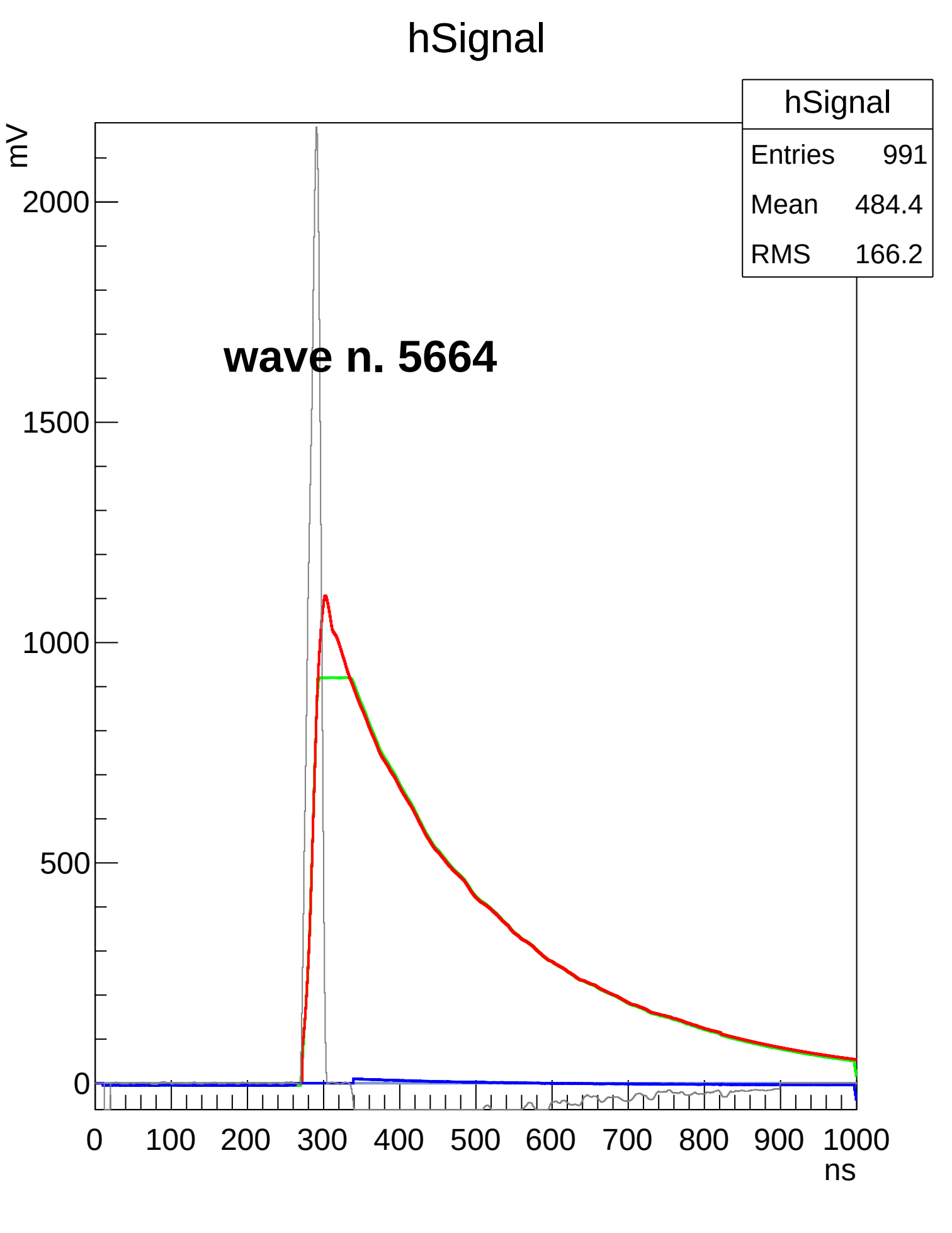
ns


hSignal
hSignal
Entries 991
Mean 484.4
RMS 166.2
wave n. 5664
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400
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800
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1000
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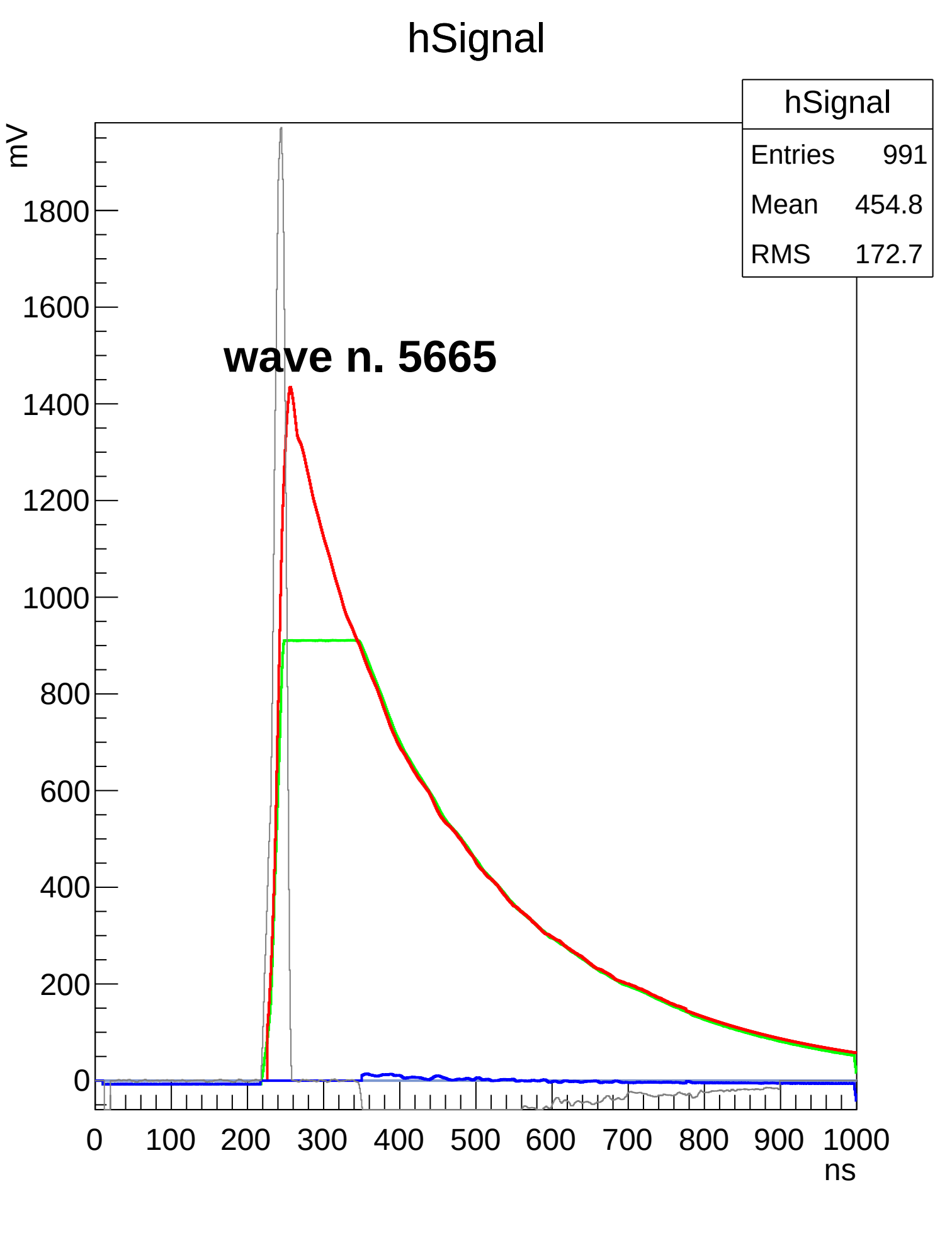
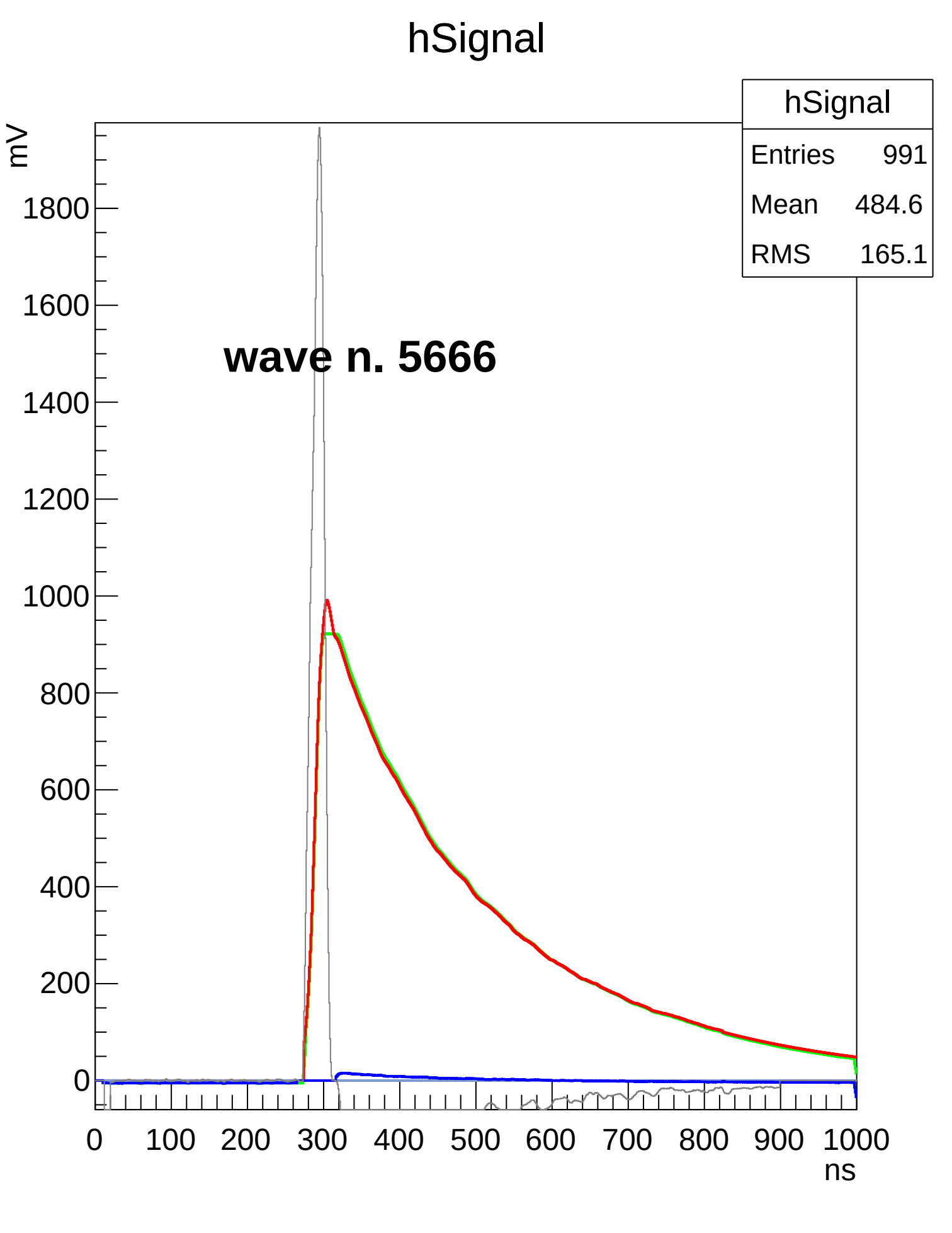

hSignal
hSignal
Entries 991
Mean 454.8
RMS 172.7
wave n. 5665
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 484.6
RMS 165.1
wave n. 5666
mV
1800
1600
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1000
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600
400
200
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0
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400
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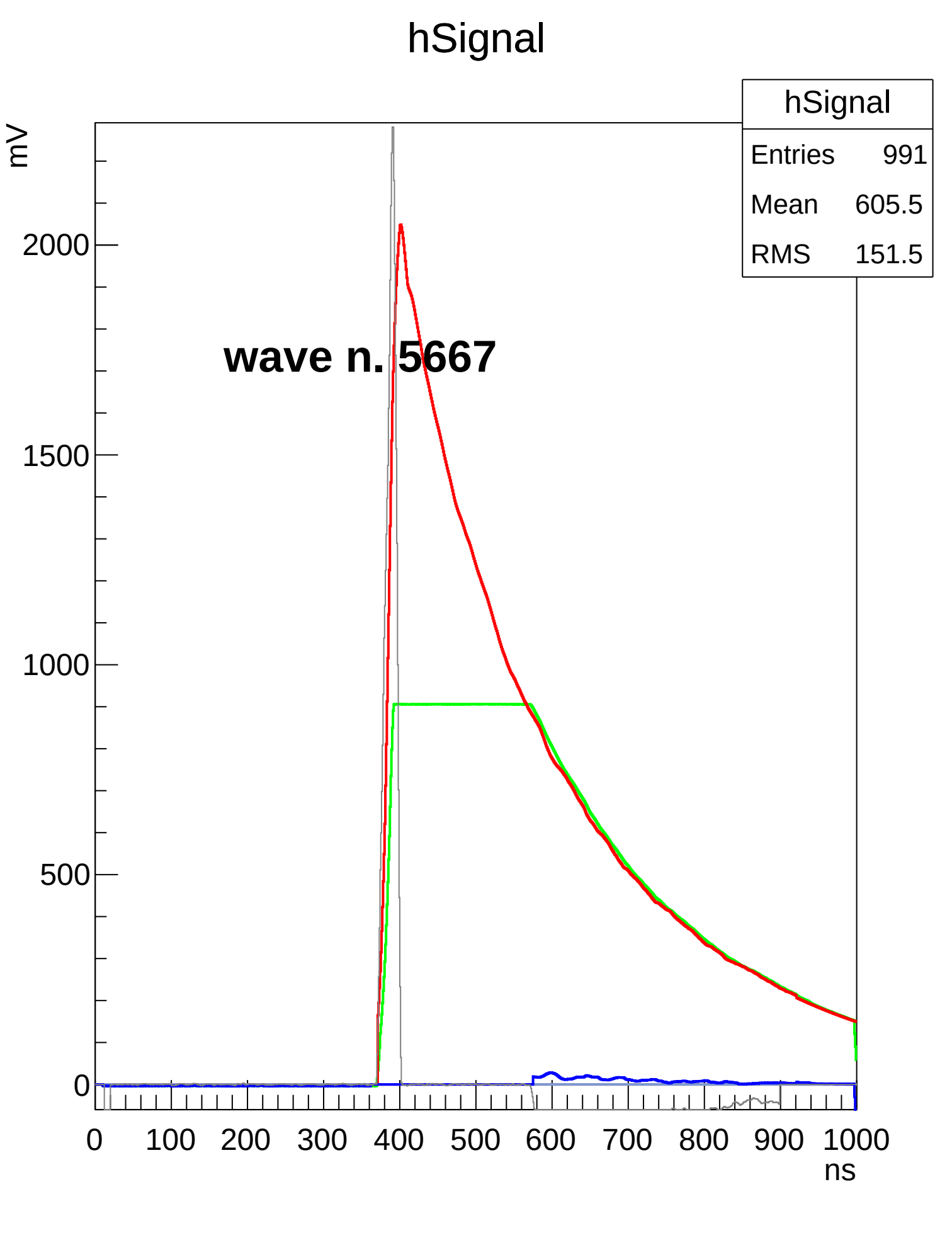
800
900
1000
ns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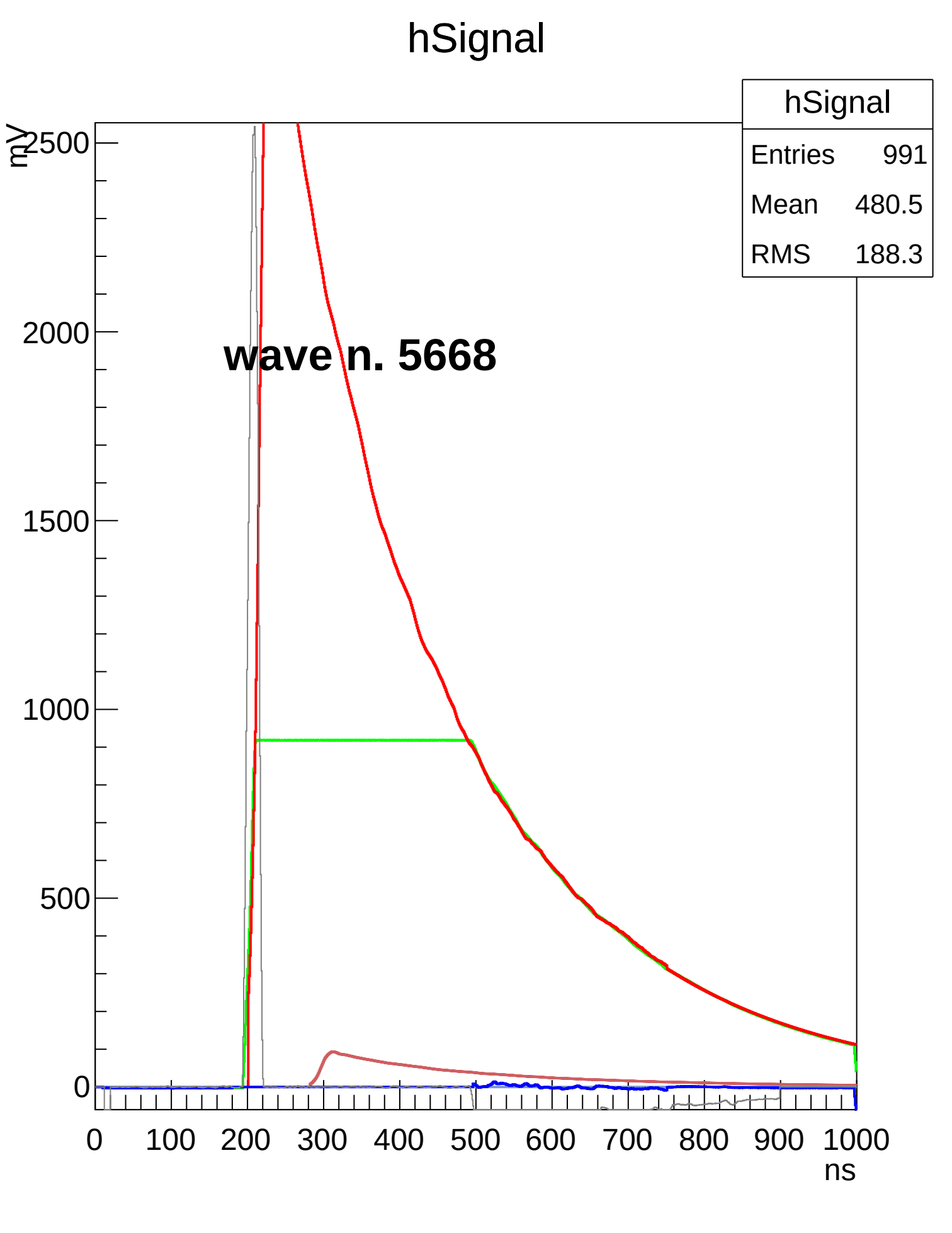
hSignal
Entries 991
Mean 605.5
RMS 151.5
wave n. 5667
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 480.5
RMS 188.3
wave n. 5668
mV
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1000
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0
0
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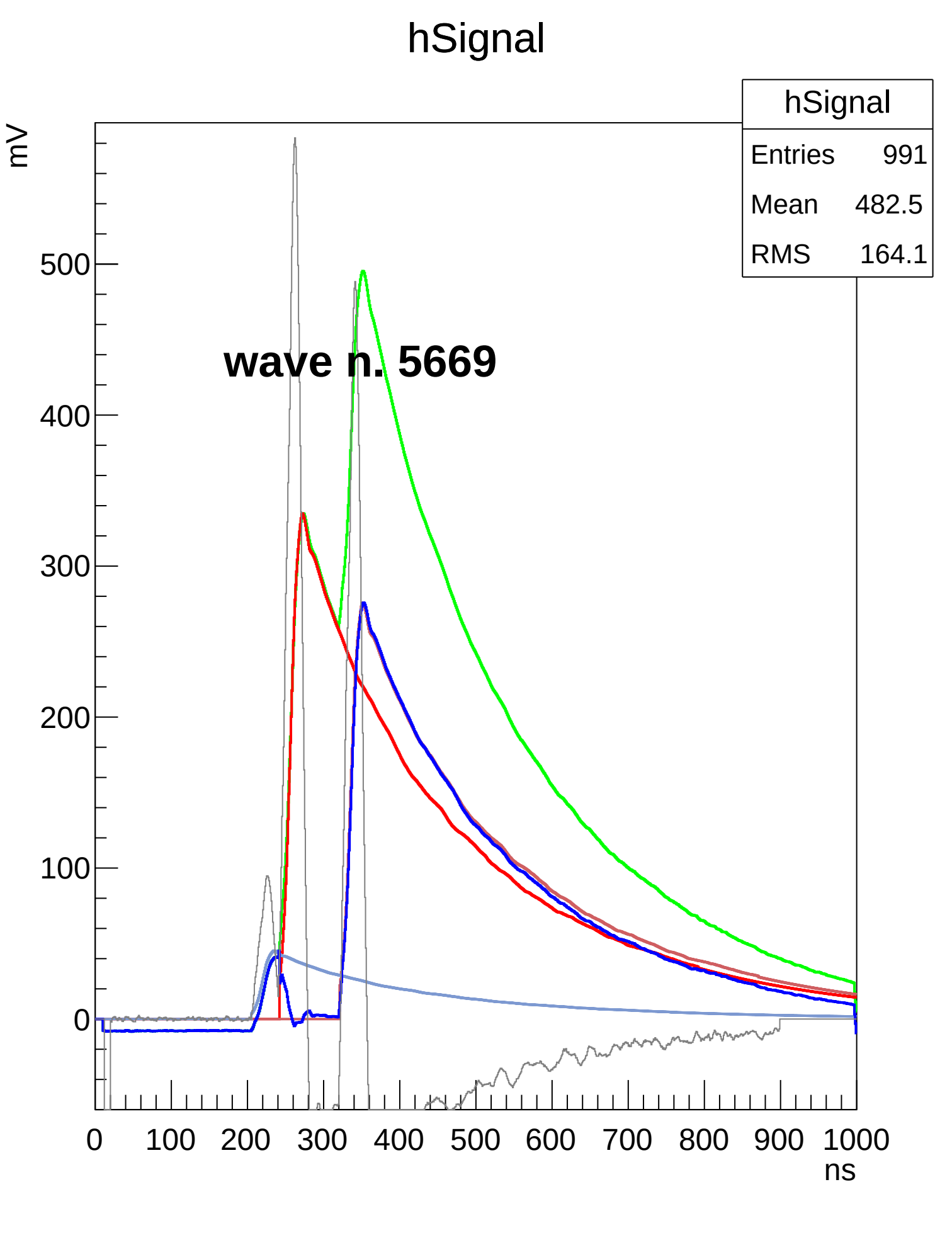
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 482.5
RMS 164.1
wave n. 5669
mV
500
400
300
200
100
0
0
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200
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400
500
600
700
800
900
1000
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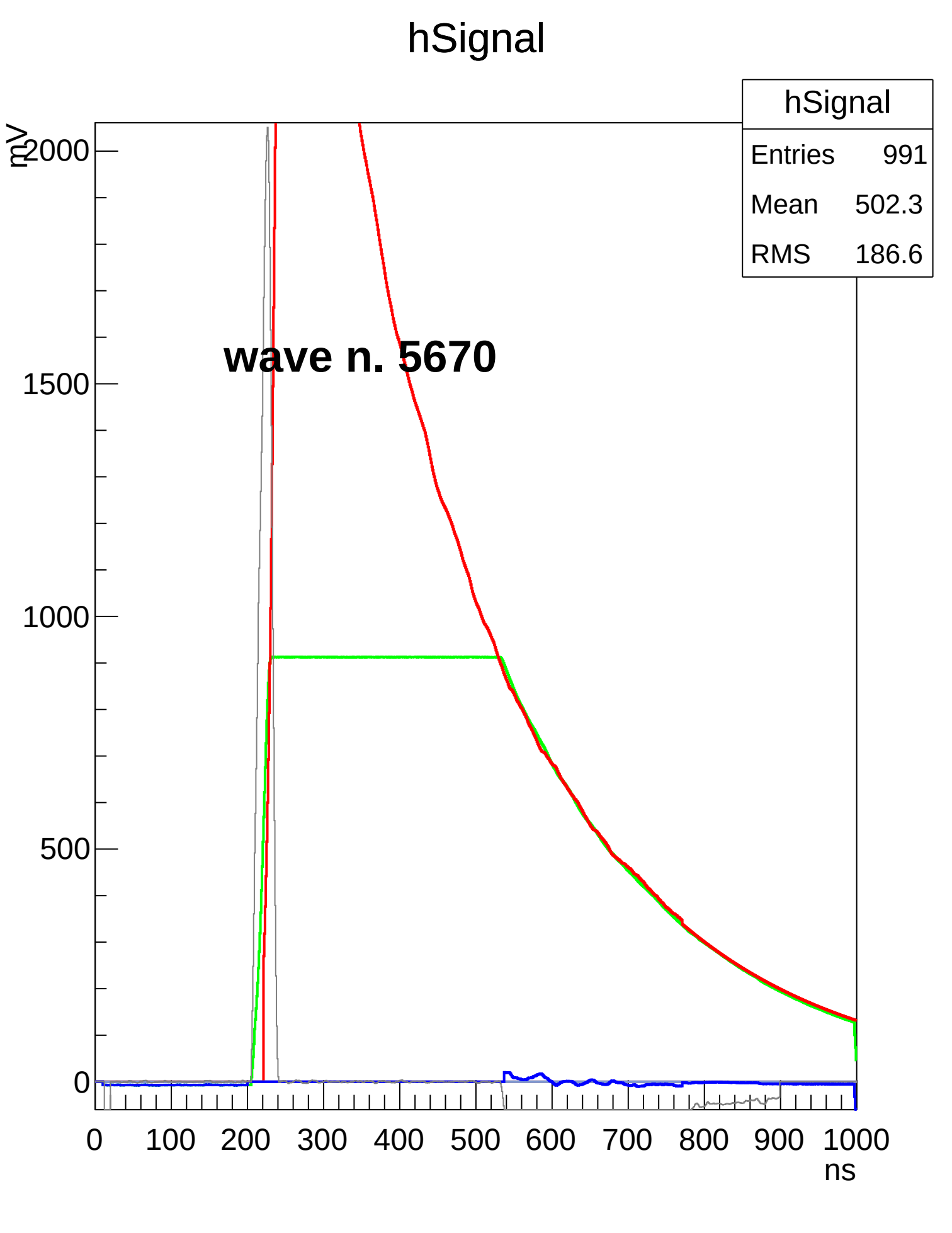
hSignal
hSignal
Entries 991
Mean 502.3
RMS 186.6
wave n. 5670
mV
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1500
1000
500
0
0
100
200
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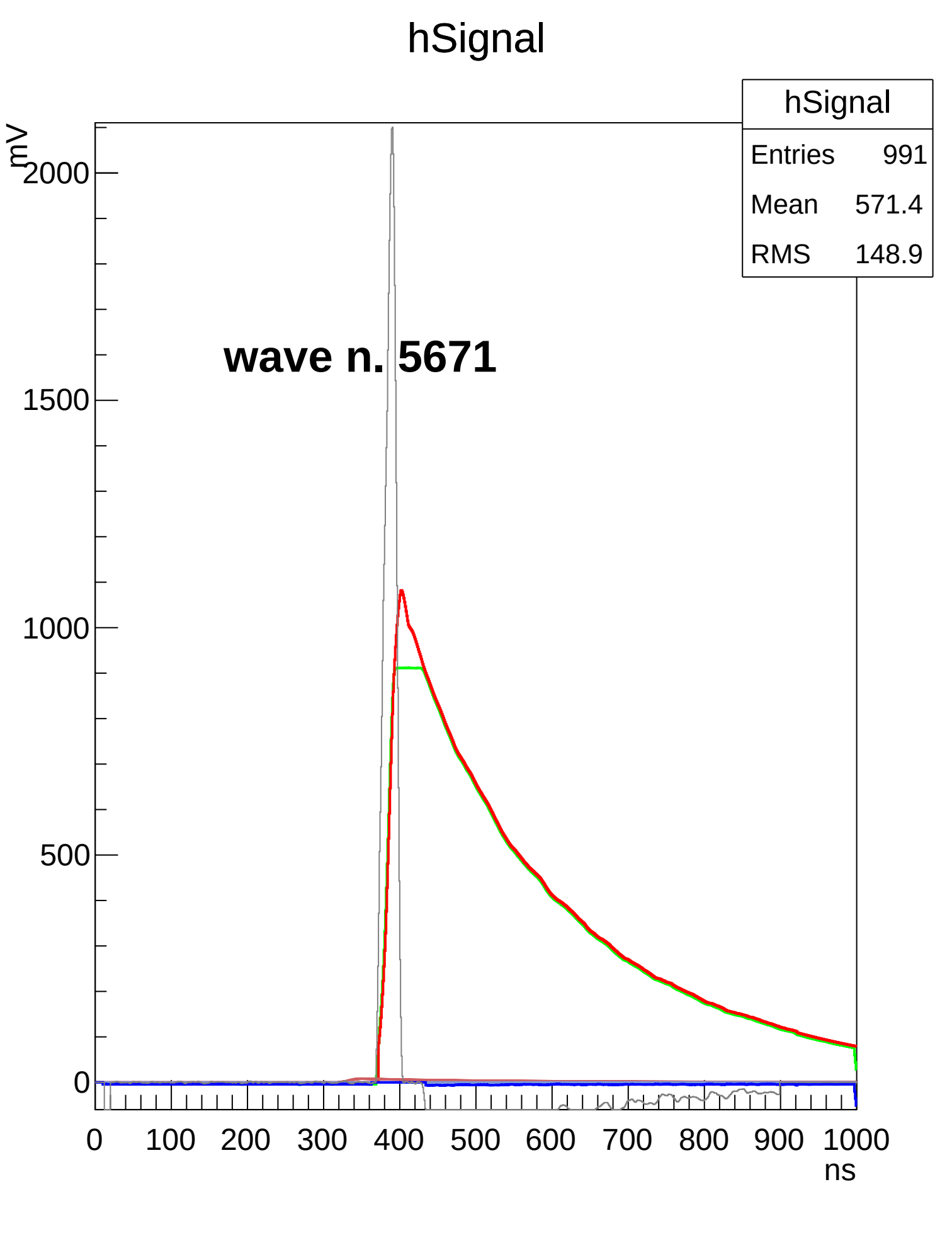
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 571.4
RMS 148.9
wave n. 5671
mV
2000
1500
1000
500
0
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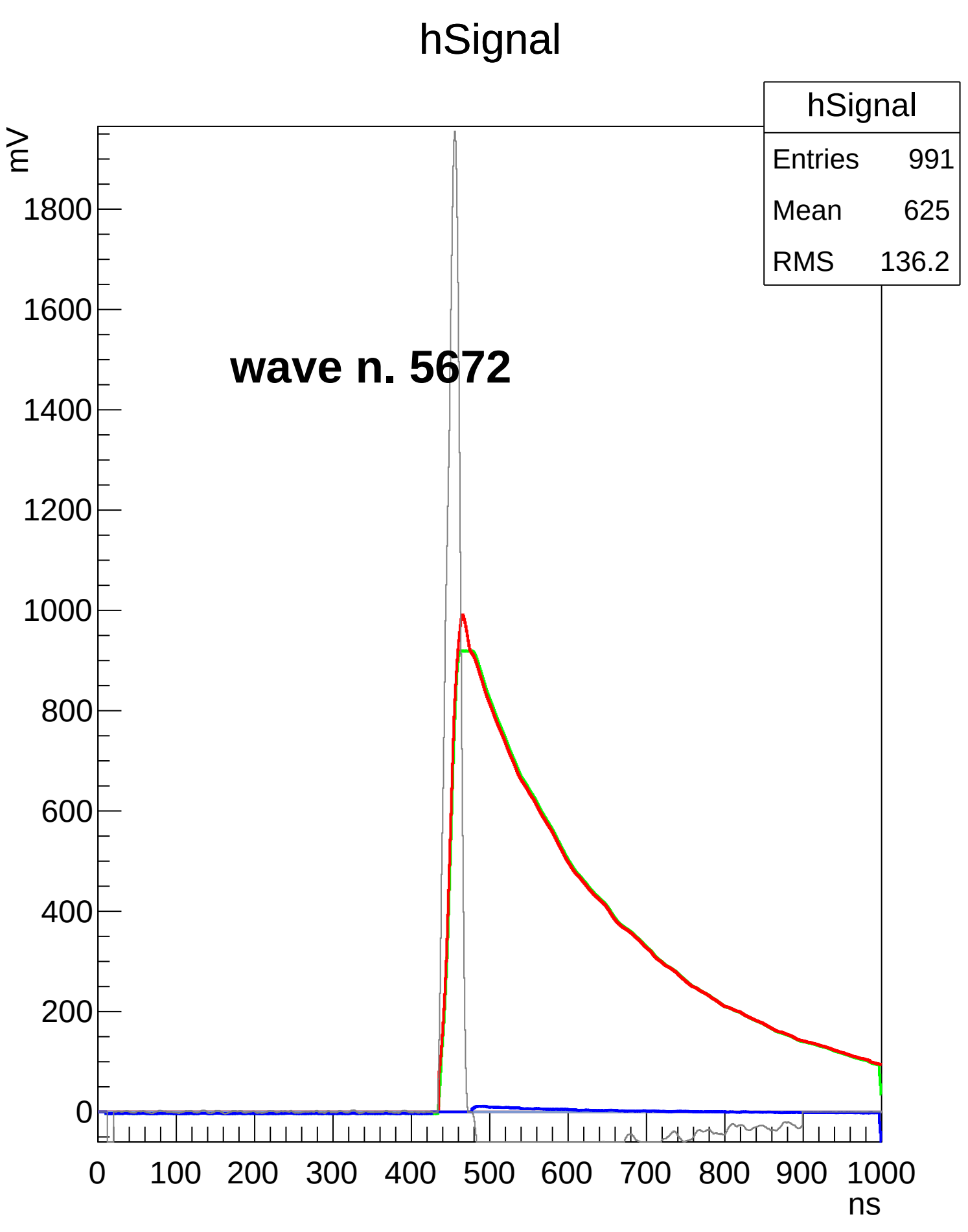
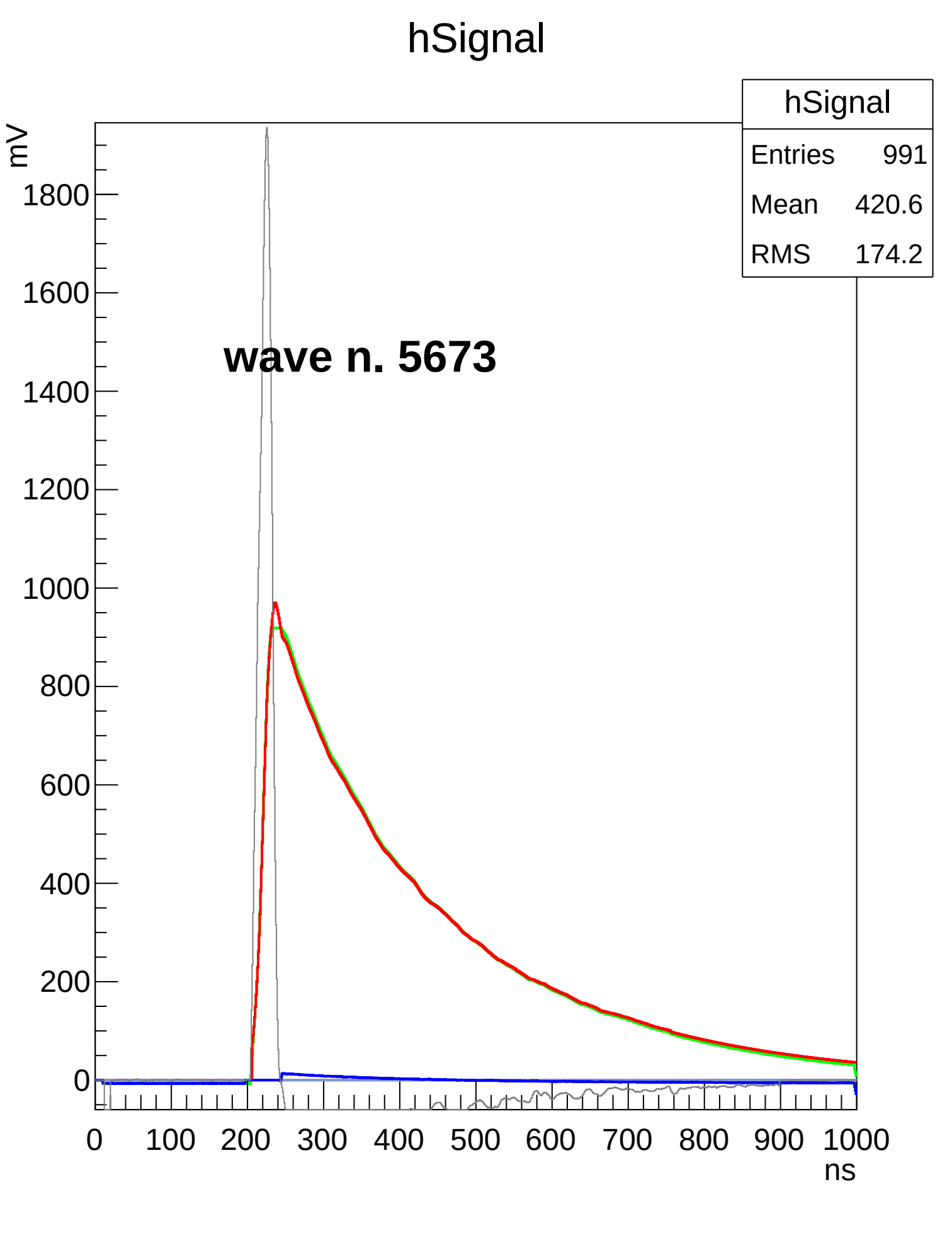
ns


hSignal
hSignal
Entries 991
Mean 625
RMS 136.2
wave n. 5672
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 420.6
RMS 174.2
wave n. 5673
mV
1800
1600
1400
1200
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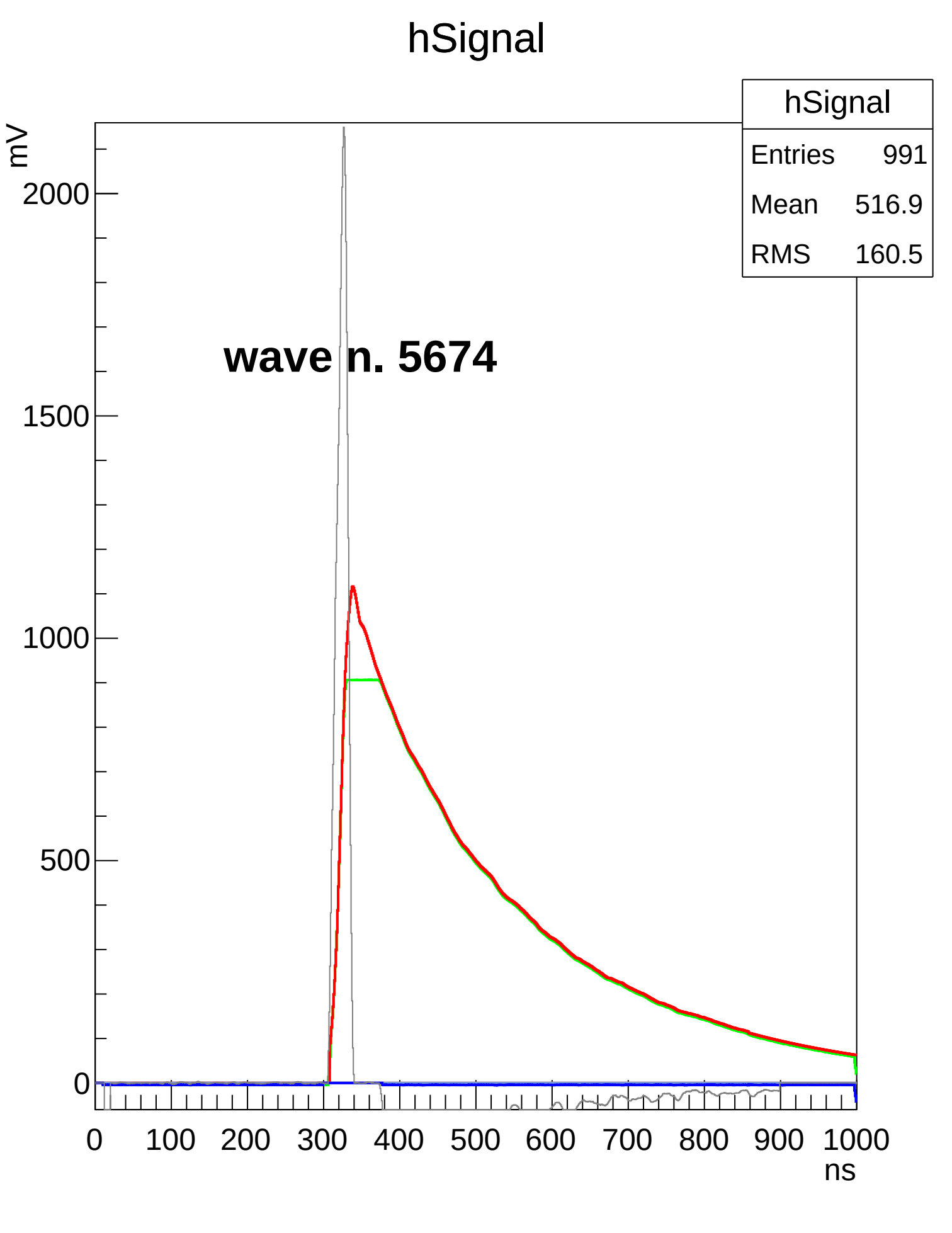
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 516.9
RMS 160.5
wave n. 5674
mV
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1000
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0
0
100
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400
500
600
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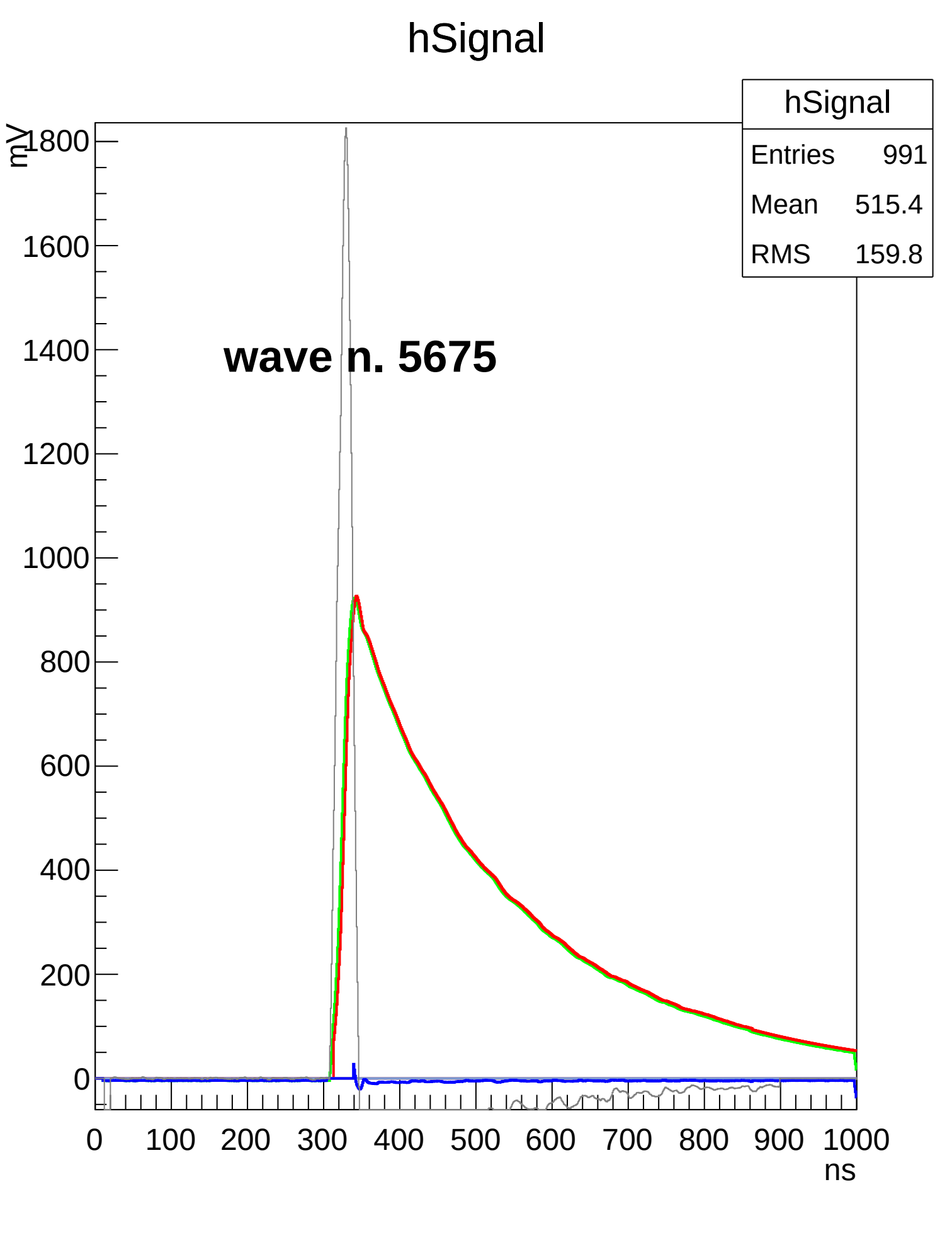
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 515.4
RMS 159.8
wave n. 5675
mV
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1600
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600
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0
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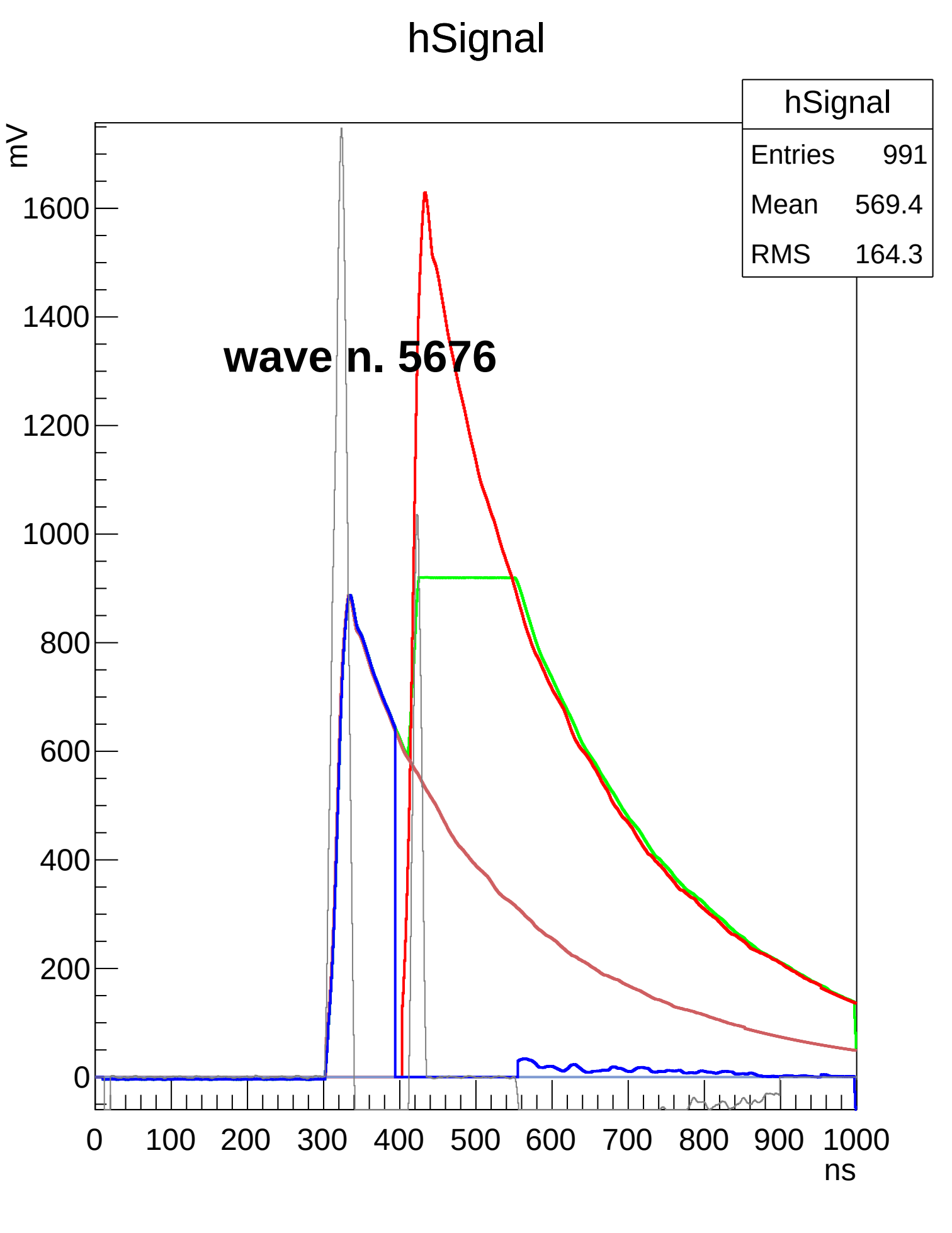
1000
ns


hSignal
hSignal
Entries 991
Mean 569.4
RMS 164.3
wave n. 5676
mV
1600
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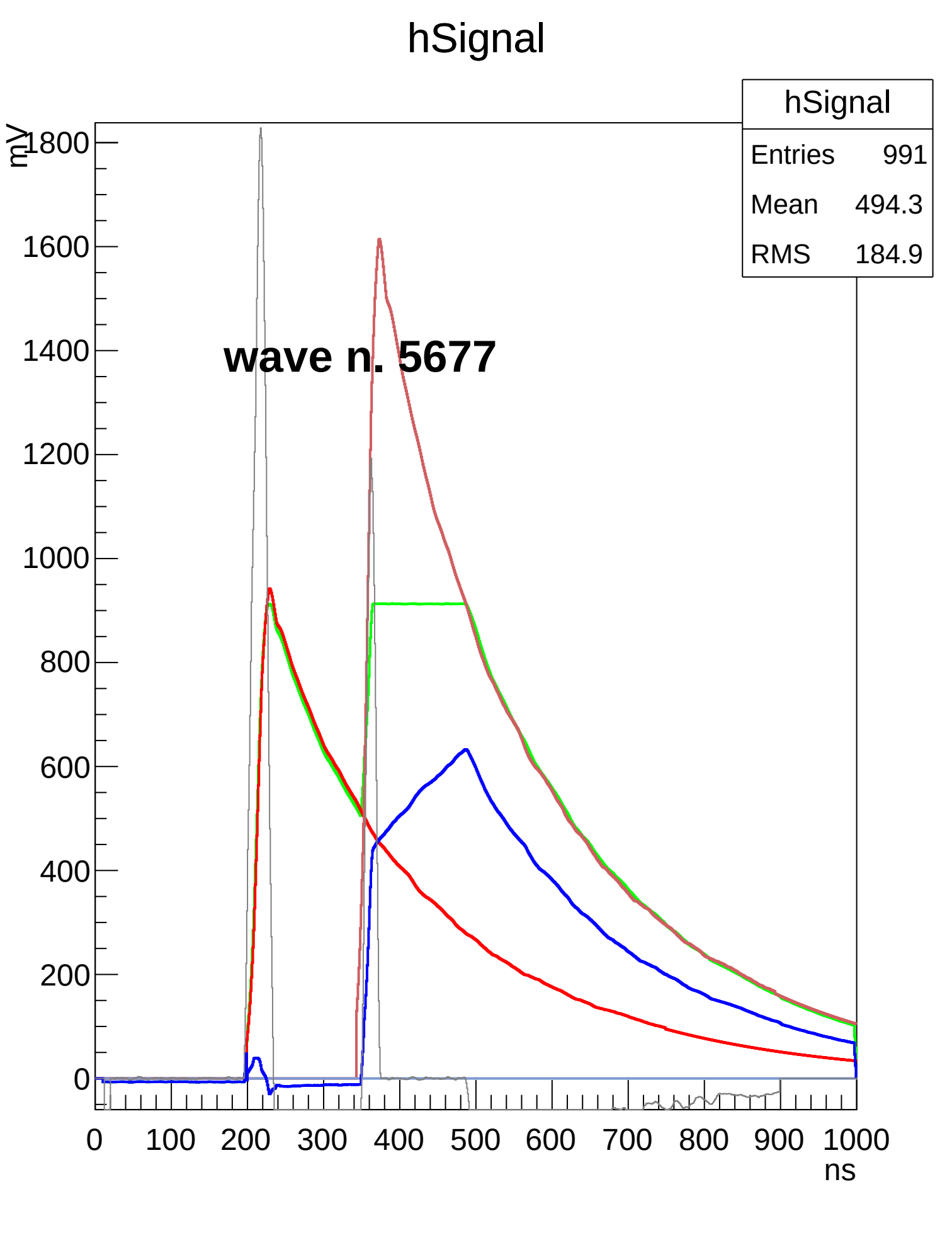
hSignal
hSignal
Entries 991
Mean 494.3
RMS 184.9
wave n. 5677
mV
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1600
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600
400
200
0
0
100
200
300
400
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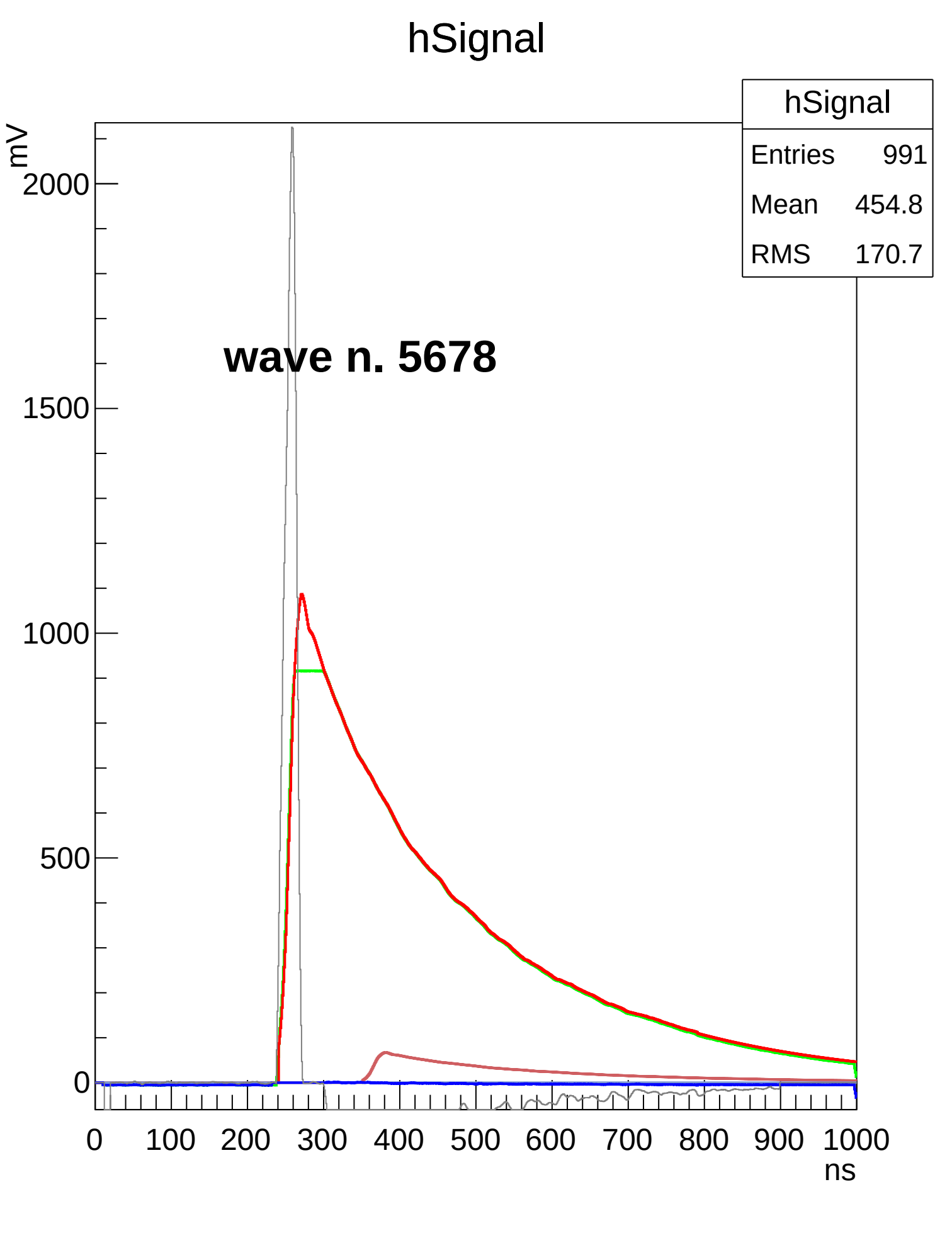
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 454.8
RMS 170.7
wave n. 5678
mV
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1000
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0
0
100
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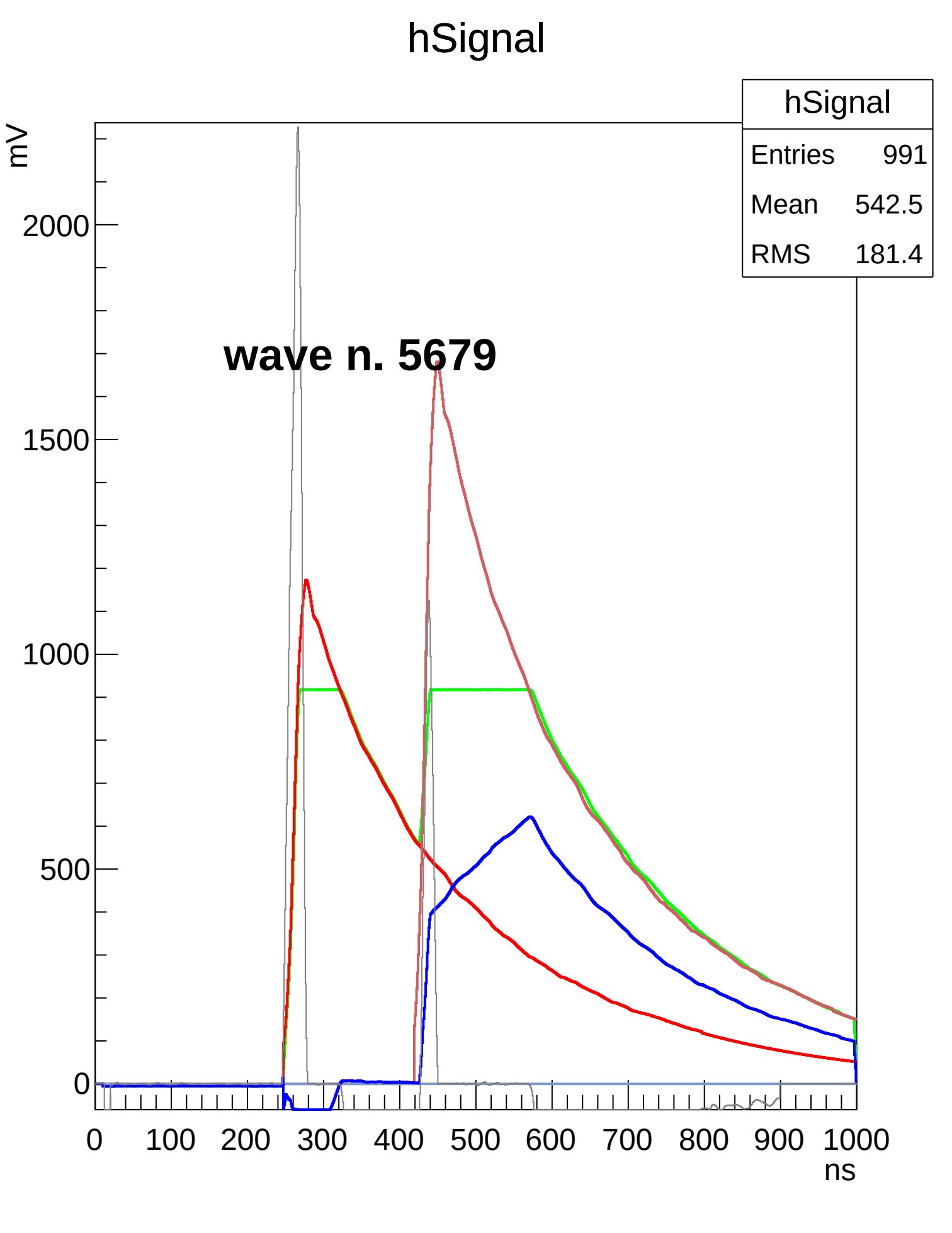
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.5
RMS 181.4
wave n. 5679
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0
100
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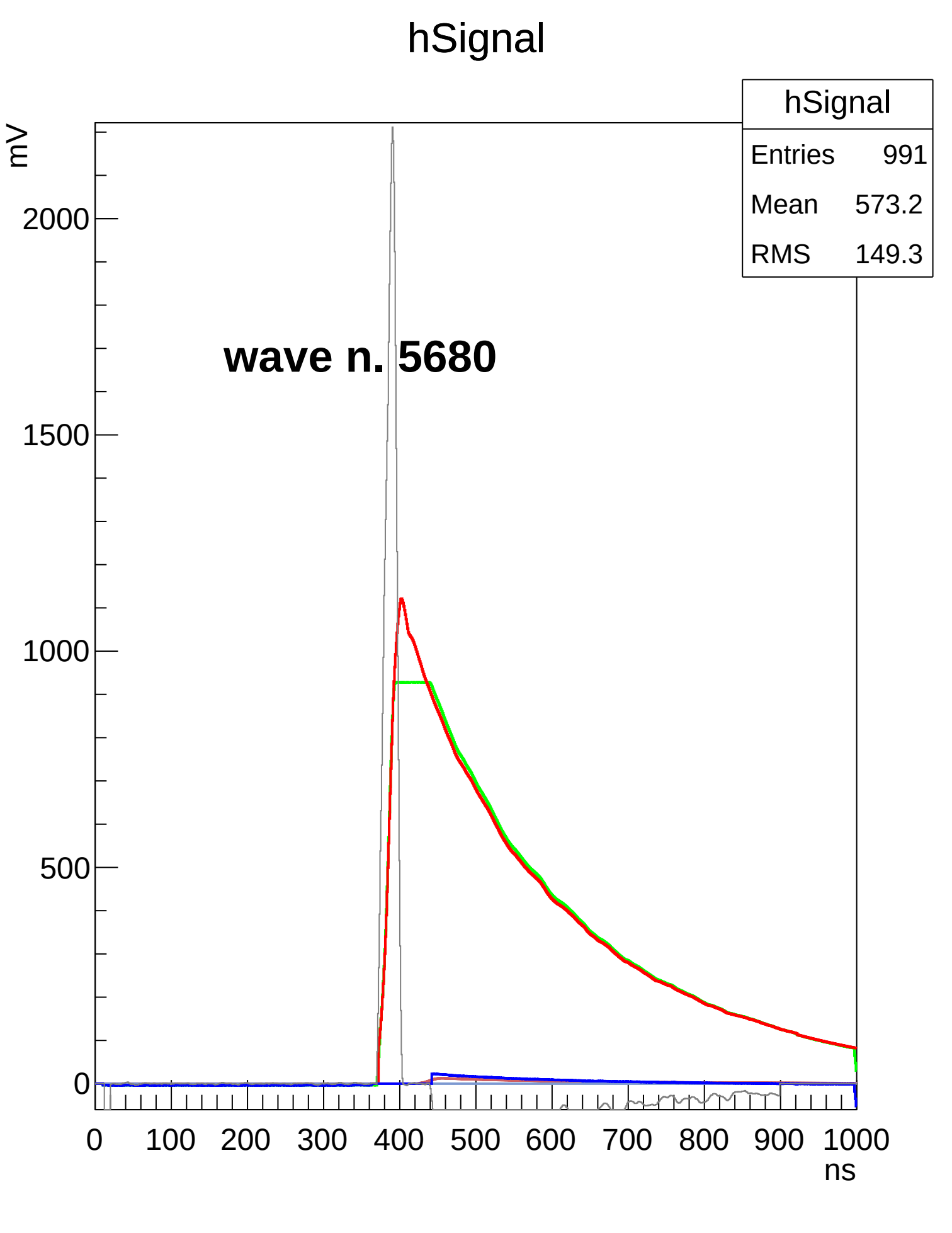
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Entries 991
Mean 573.2
RMS 149.3
wave n. 5680
mV
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1000
500
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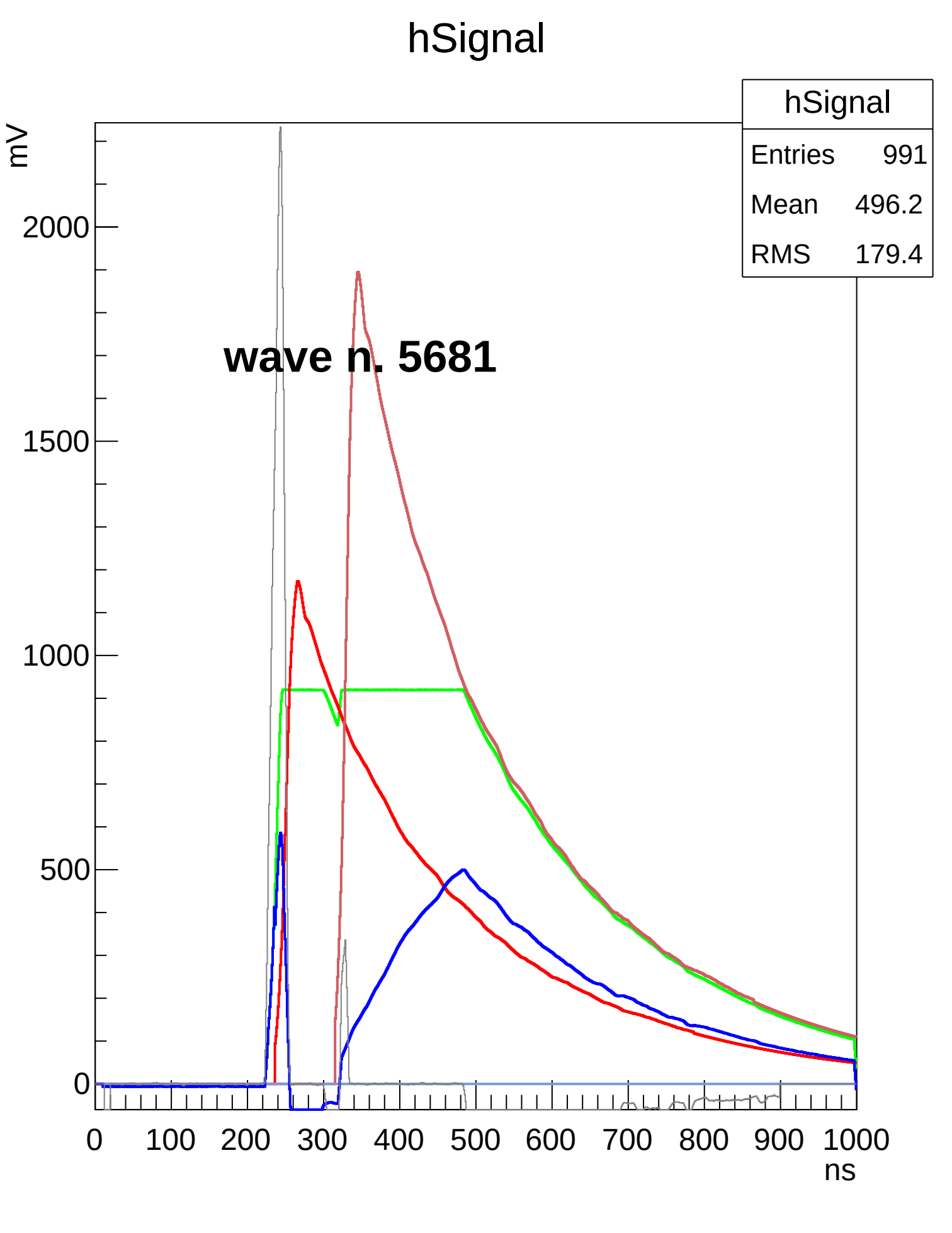
ns


hSignal
hSignal
Entries 991
Mean 496.2
RMS 179.4
wave n. 5681
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800
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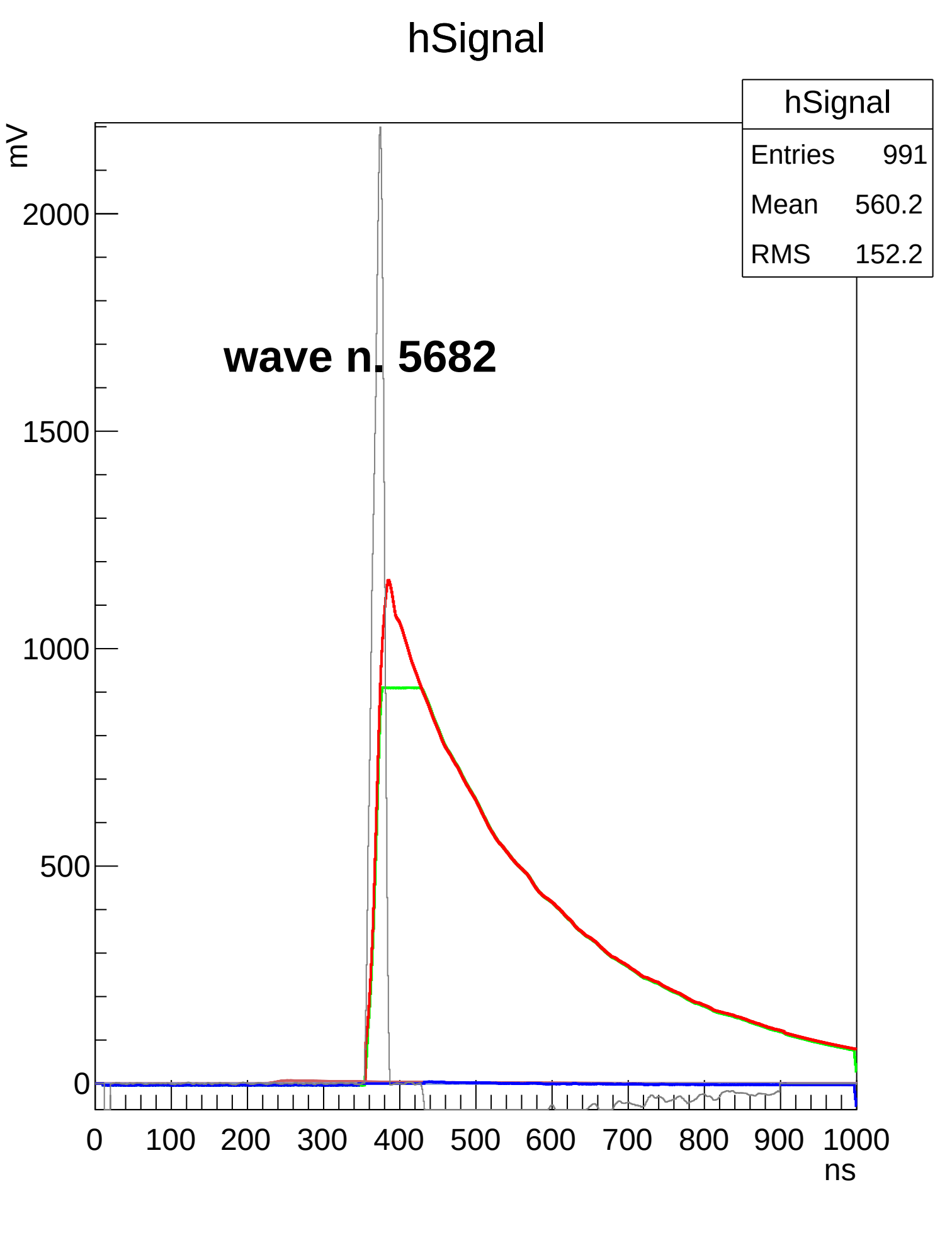
1000
ns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hSignal
Entries 991
Mean 560.2
RMS 152.2
wave n. 5682
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0
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400
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900
1000
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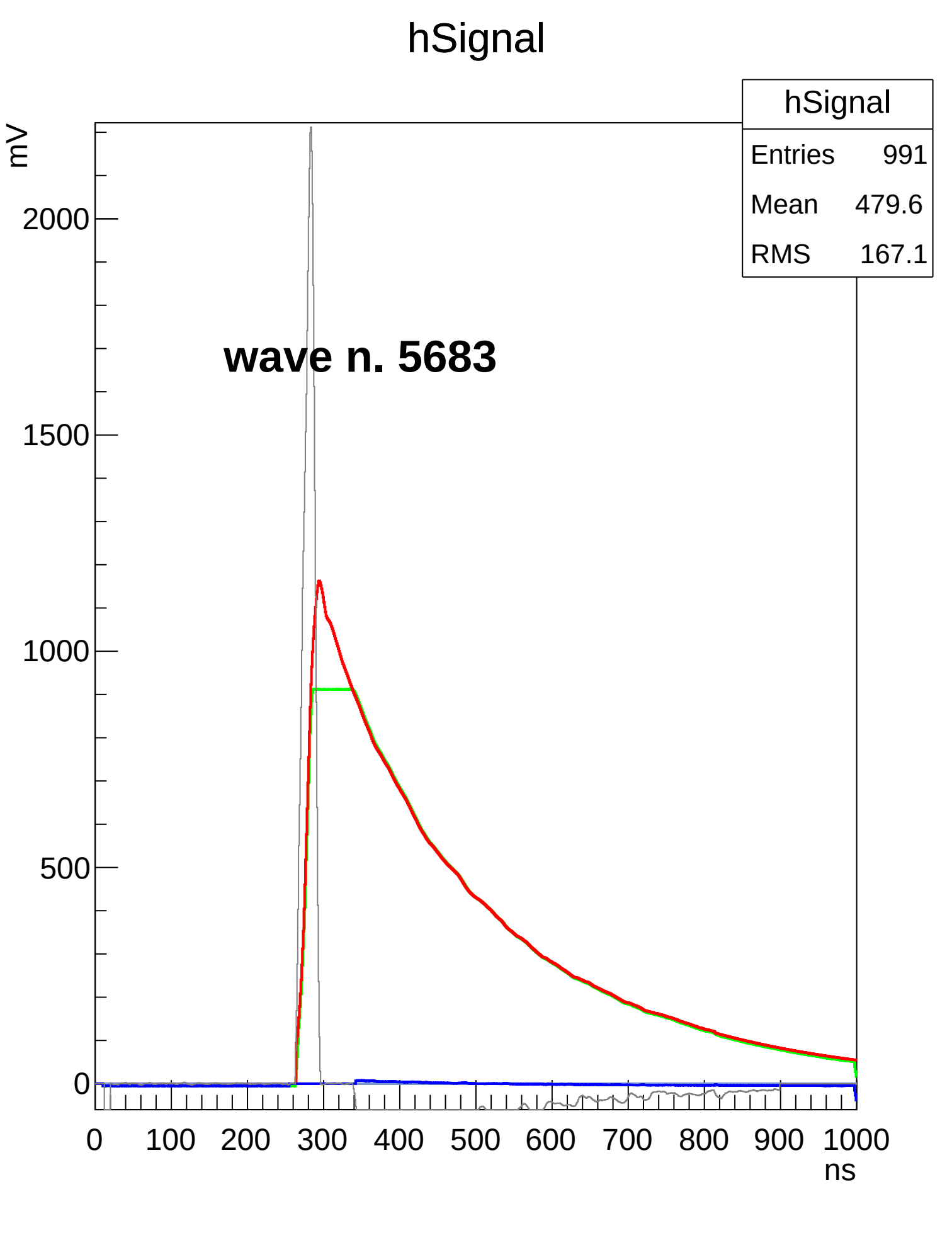
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hSignal
Entries 991
Mean 479.6
RMS 167.1
wave n. 5683
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1000
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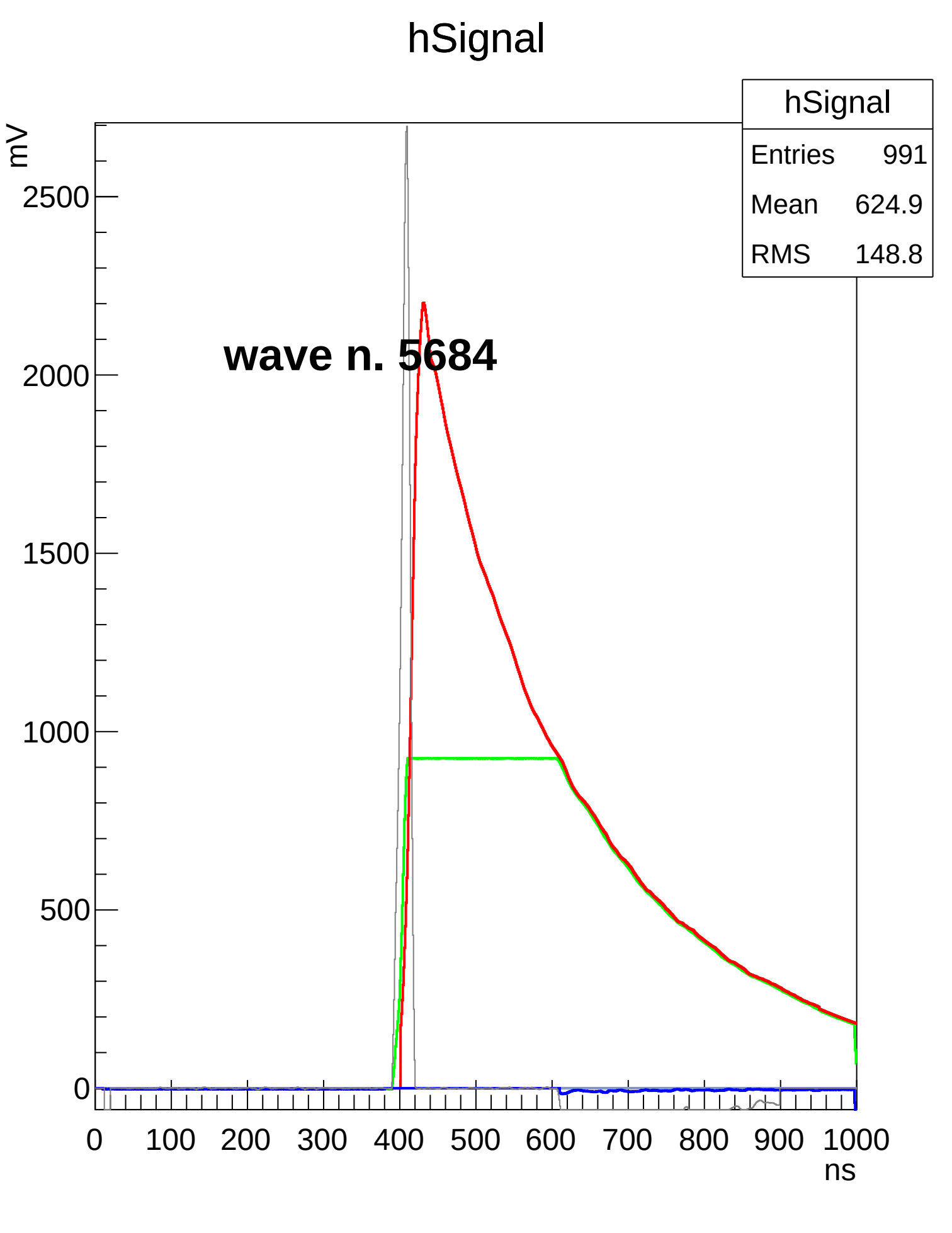
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Entries 991
Mean 624.9
RMS 148.8
wave n. 5684
mV
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1000
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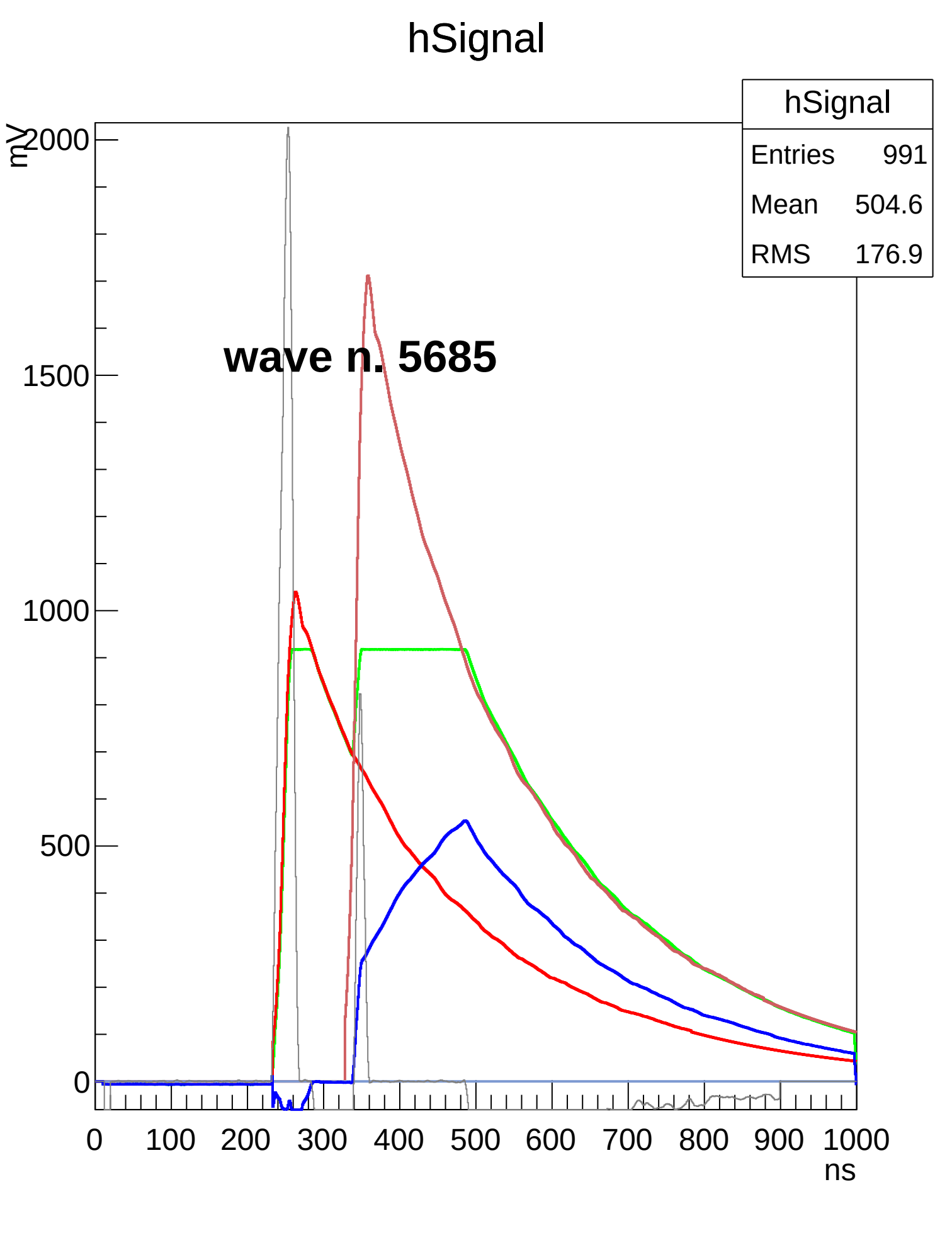
ns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Entries 991
Mean 504.6
RMS 176.9
wave n. 5685
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1000
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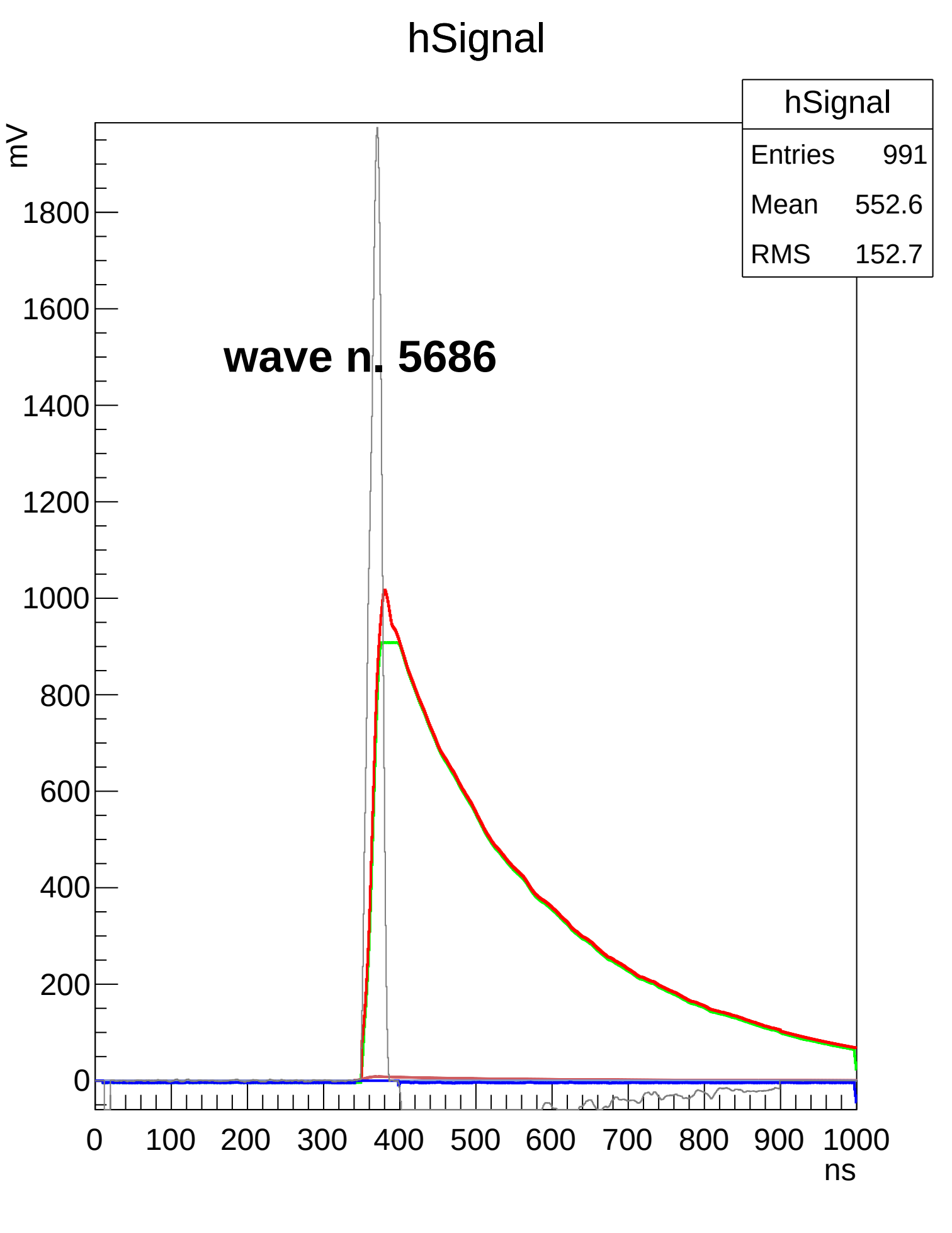
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hSignal
Entries 991
Mean 552.6
RMS 152.7
wave n. 5686
mV
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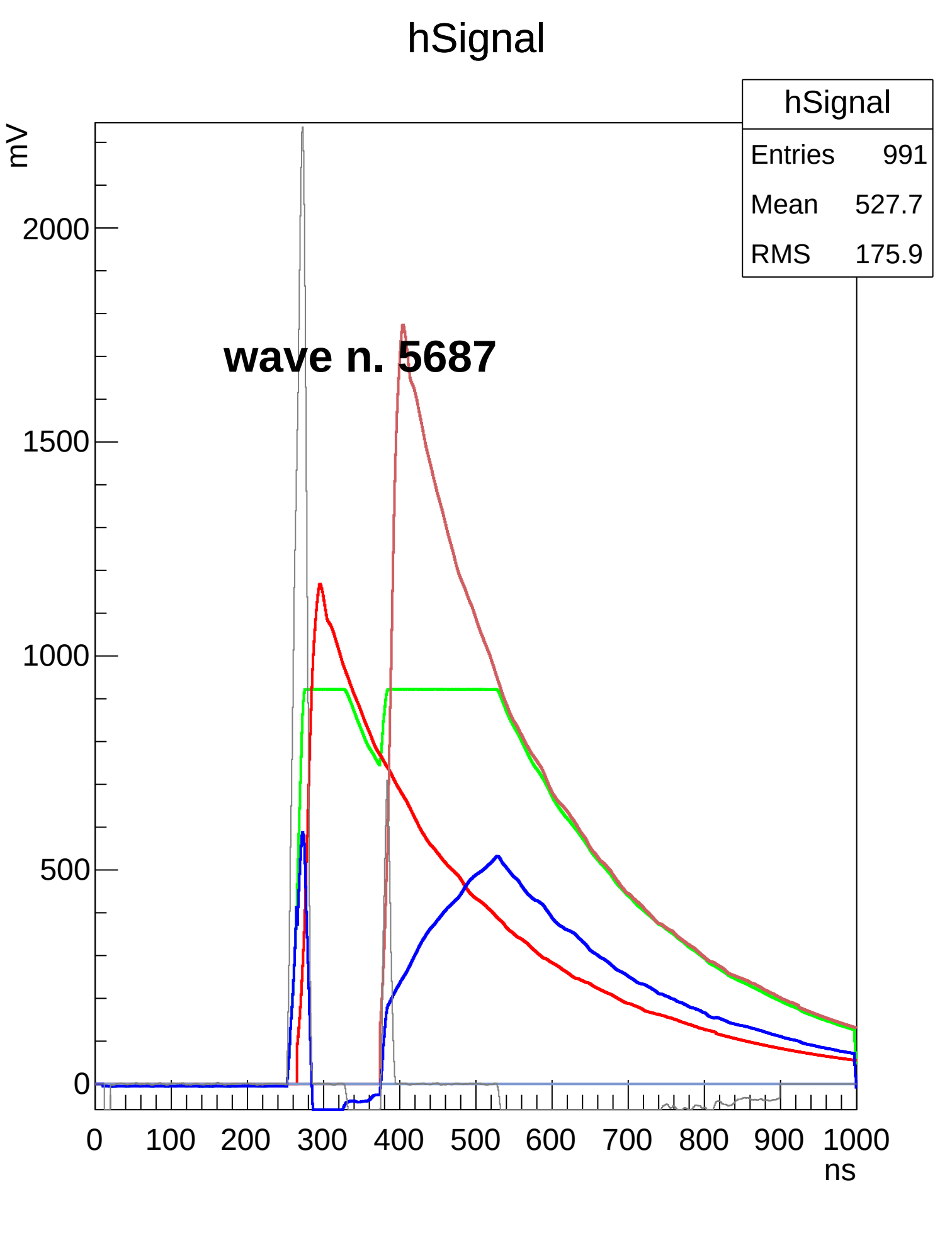
hSignal
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Entries 991
Mean 527.7
RMS 175.9
wave n. 5687
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1000
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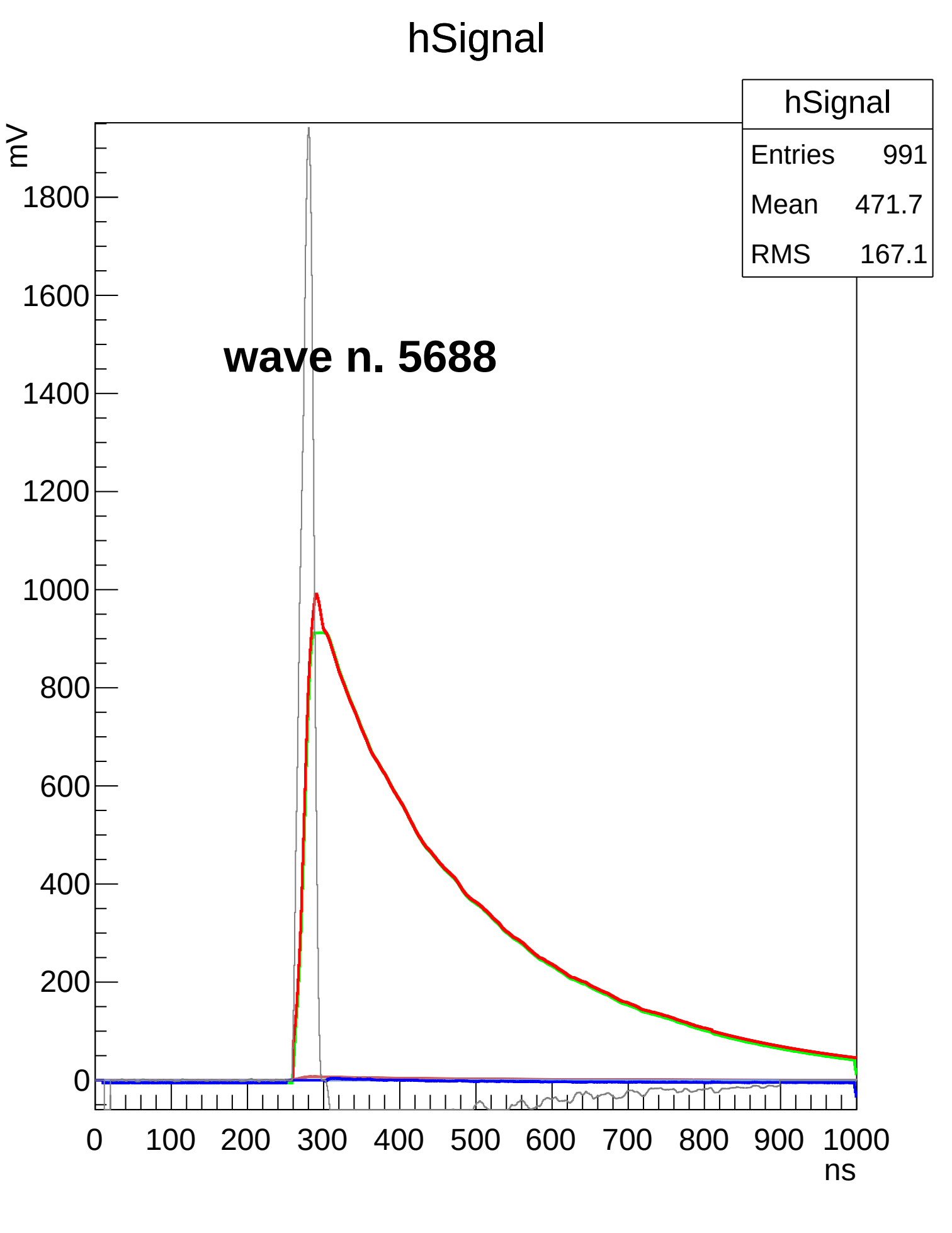
hSignal
hSignal
Entries 991
Mean 471.7
RMS 167.1
wave n. 5688
mV
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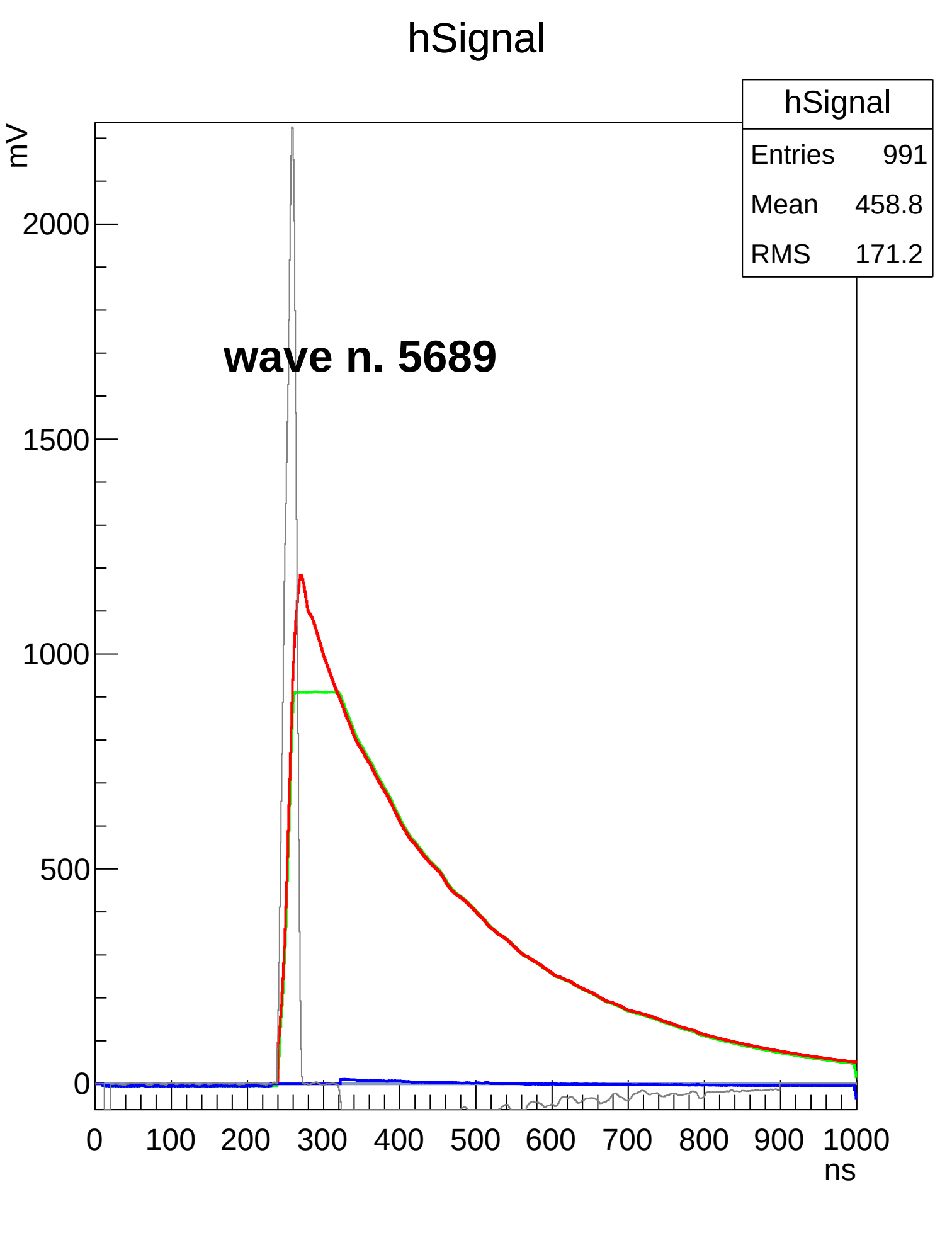
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hSignal
Entries 991
Mean 458.8
RMS 171.2
wave n. 5689
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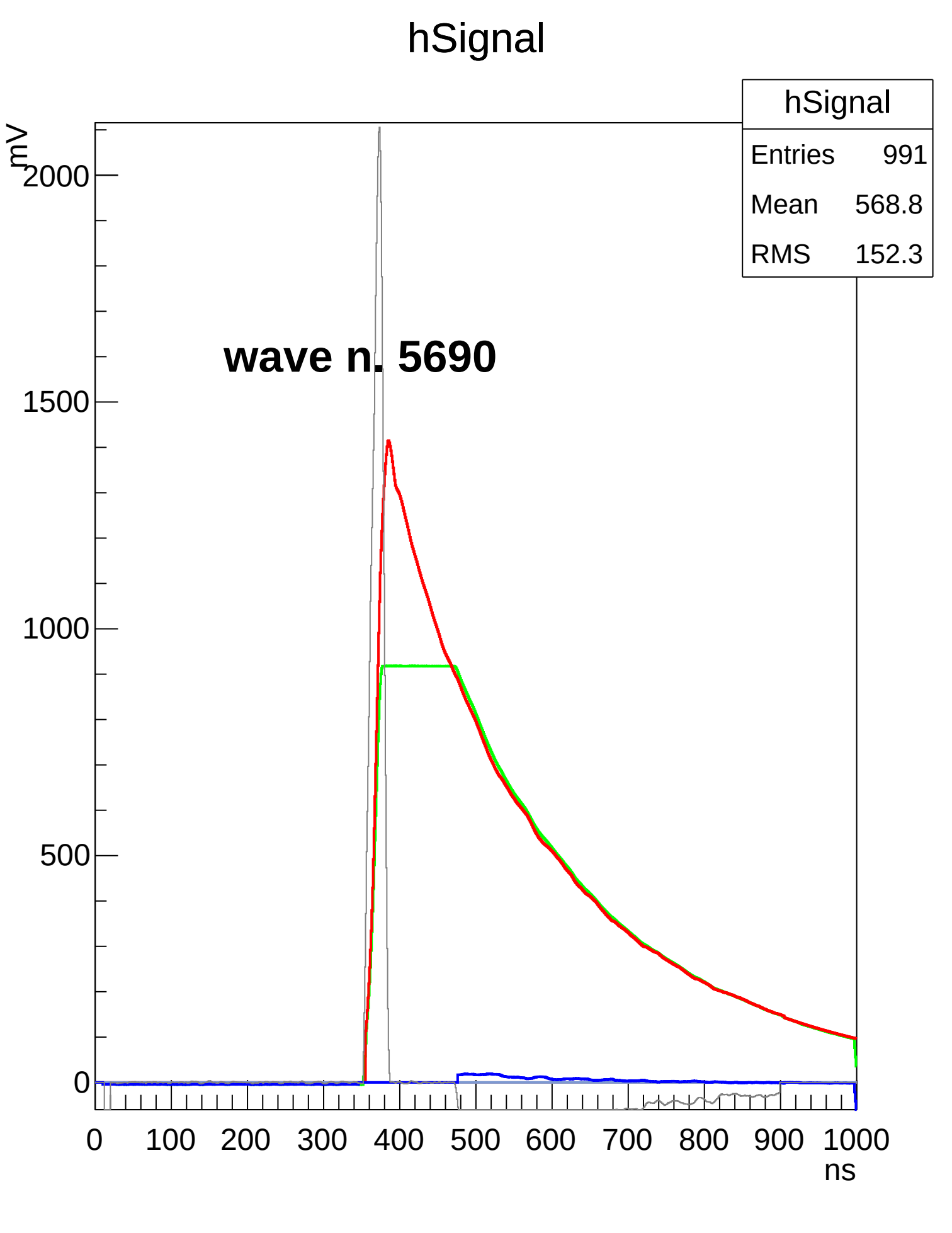
hSignal
hSignal
Entries 991
Mean 568.8
RMS 152.3
wave n. 5690
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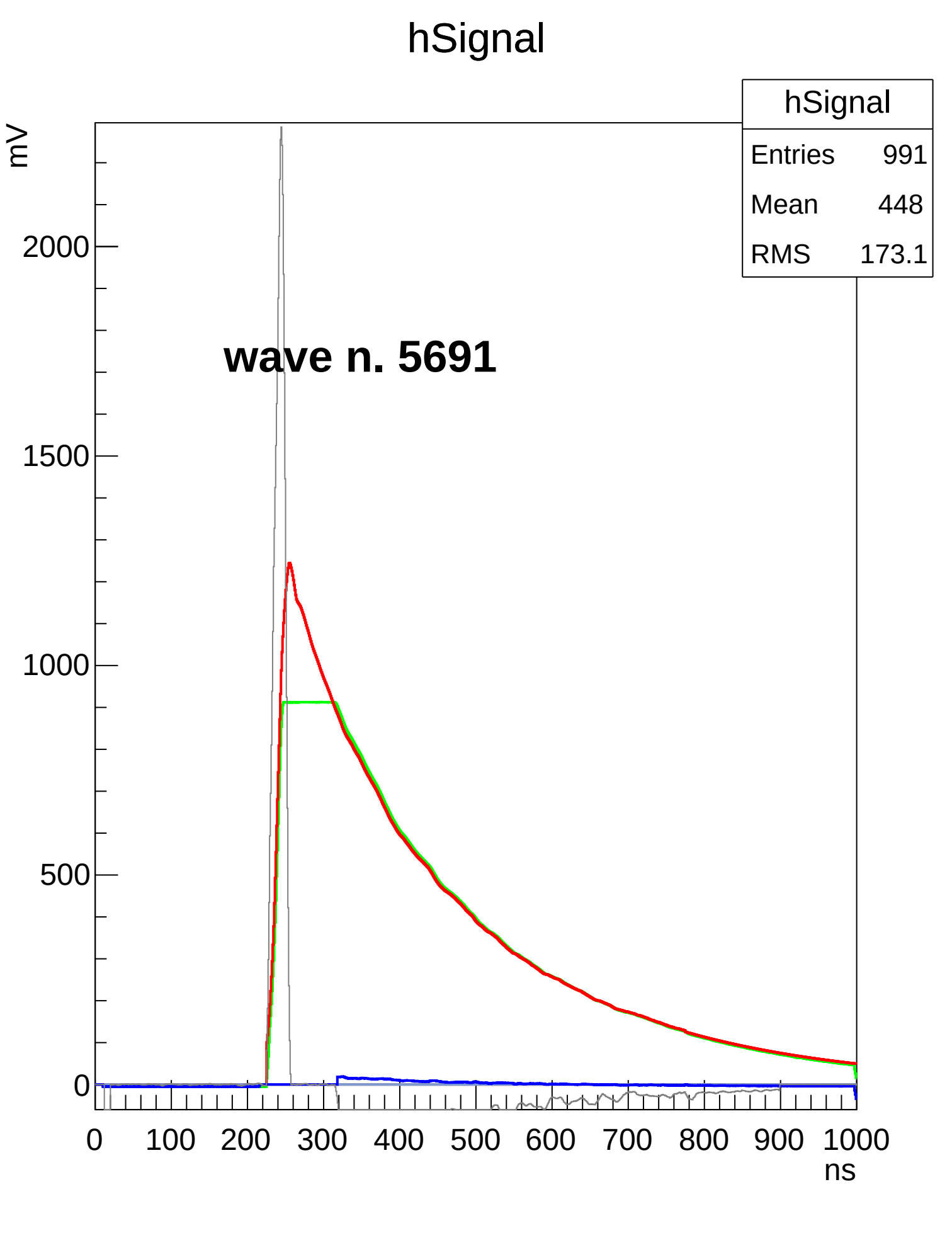
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Entries 991
Mean 448
RMS 173.1
wave n. 5691
mV
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1000
500
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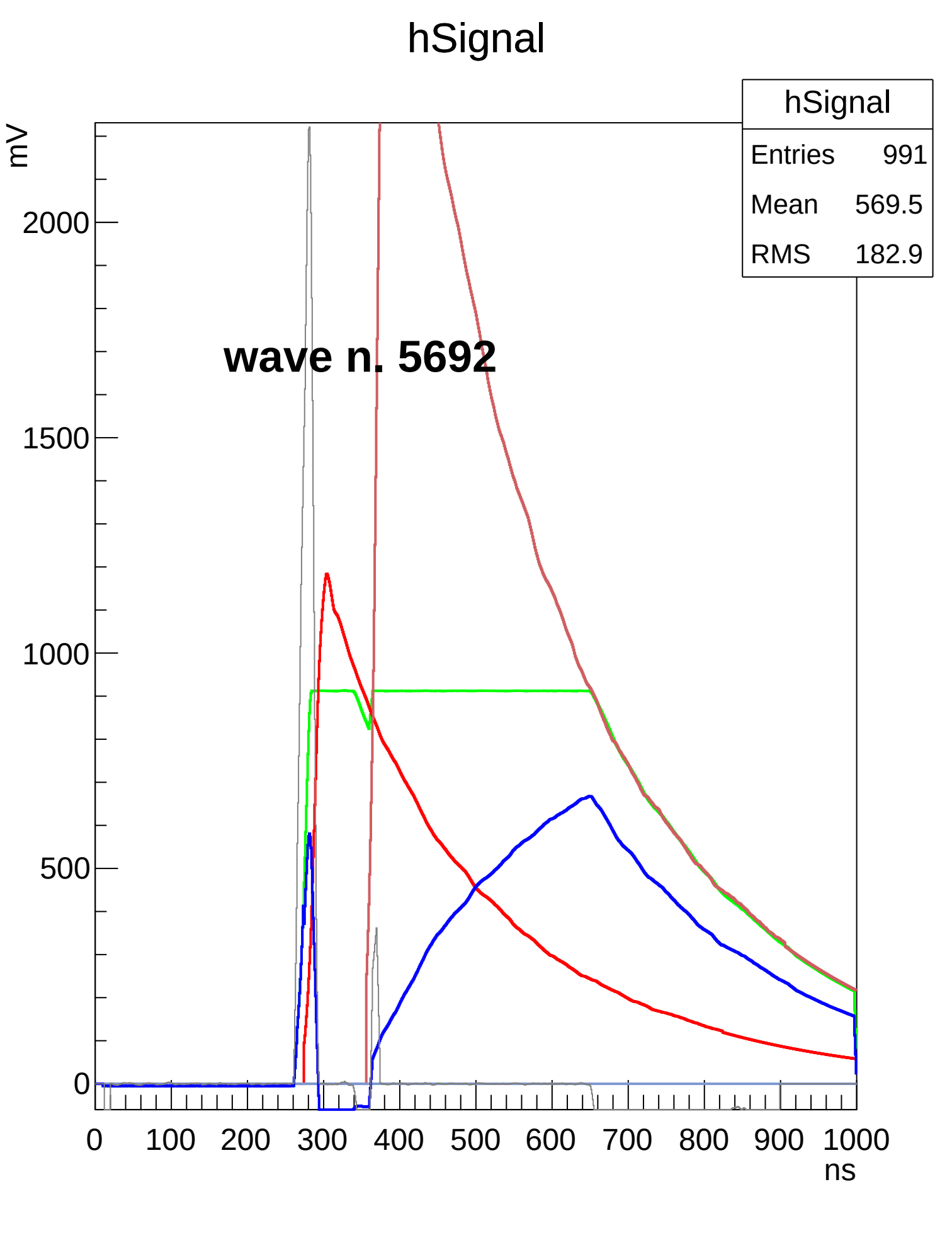
ns


hSignal
hSignal
Entries 991
Mean 569.5
RMS 182.9
wave n. 5692
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800
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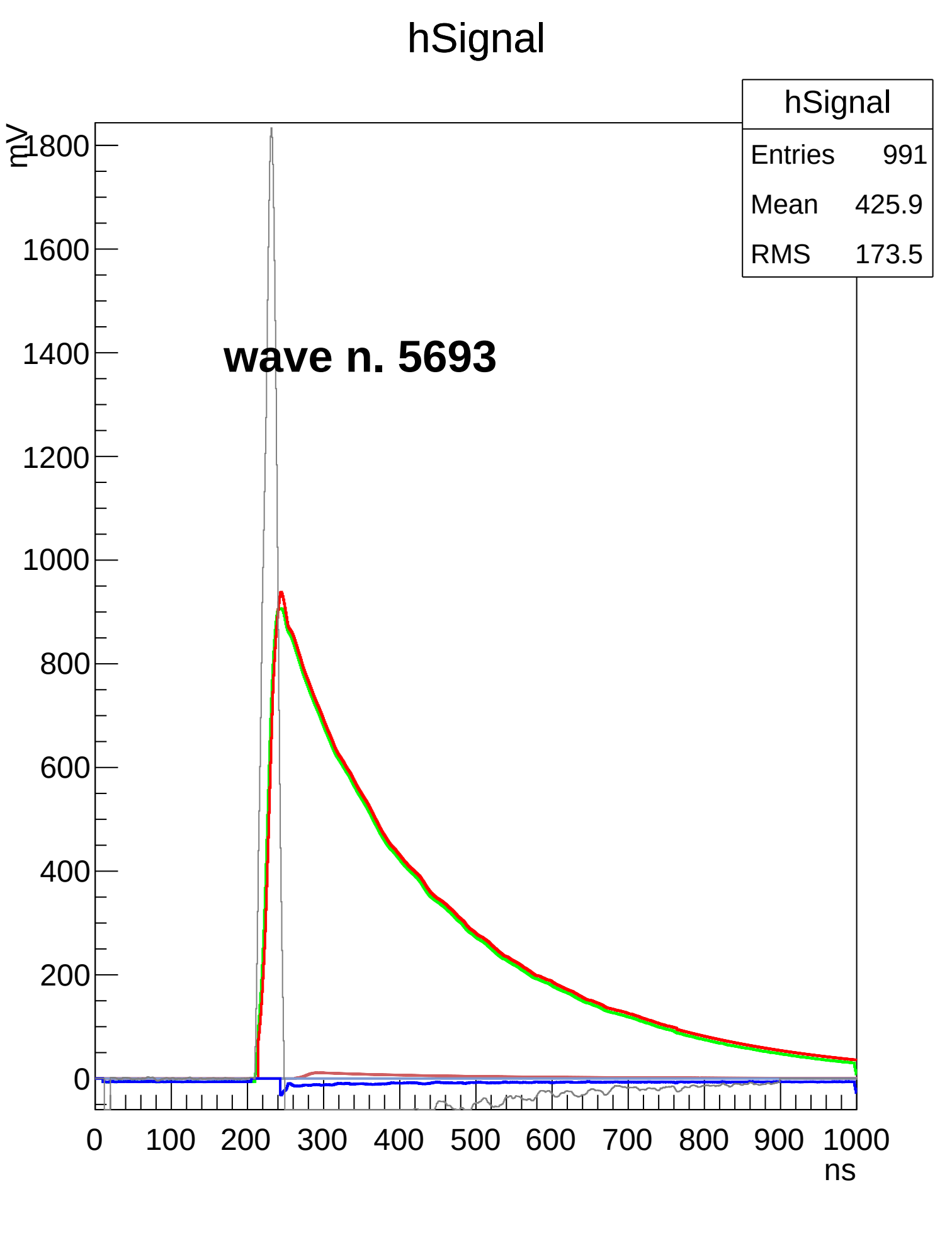
hSignal
hSignal
Entries 991
Mean 425.9
RMS 173.5
wave n. 5693
mV
1800
1600
1400
1200
1000
800
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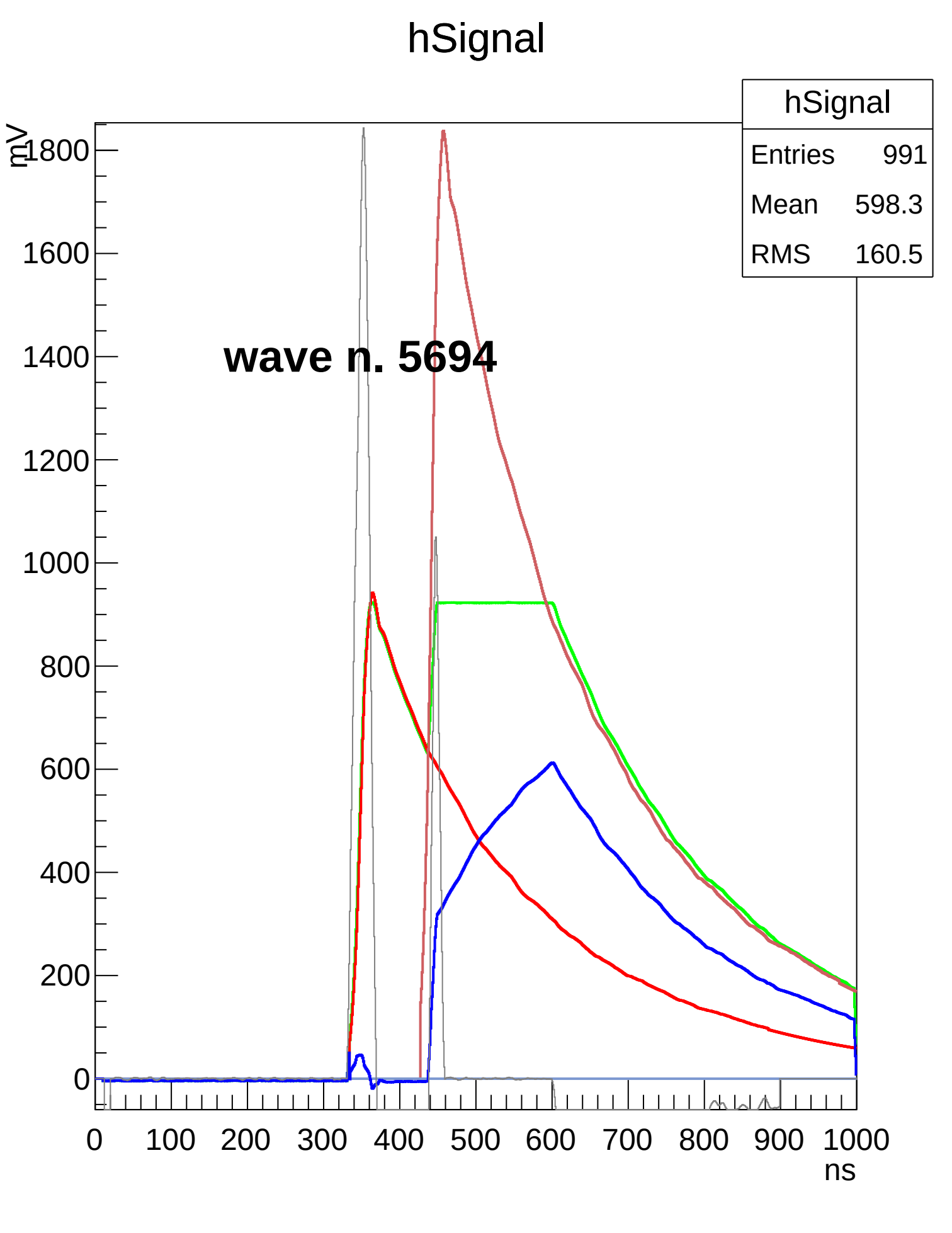
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 598.3
RMS 160.5
wave n. 5694
mV
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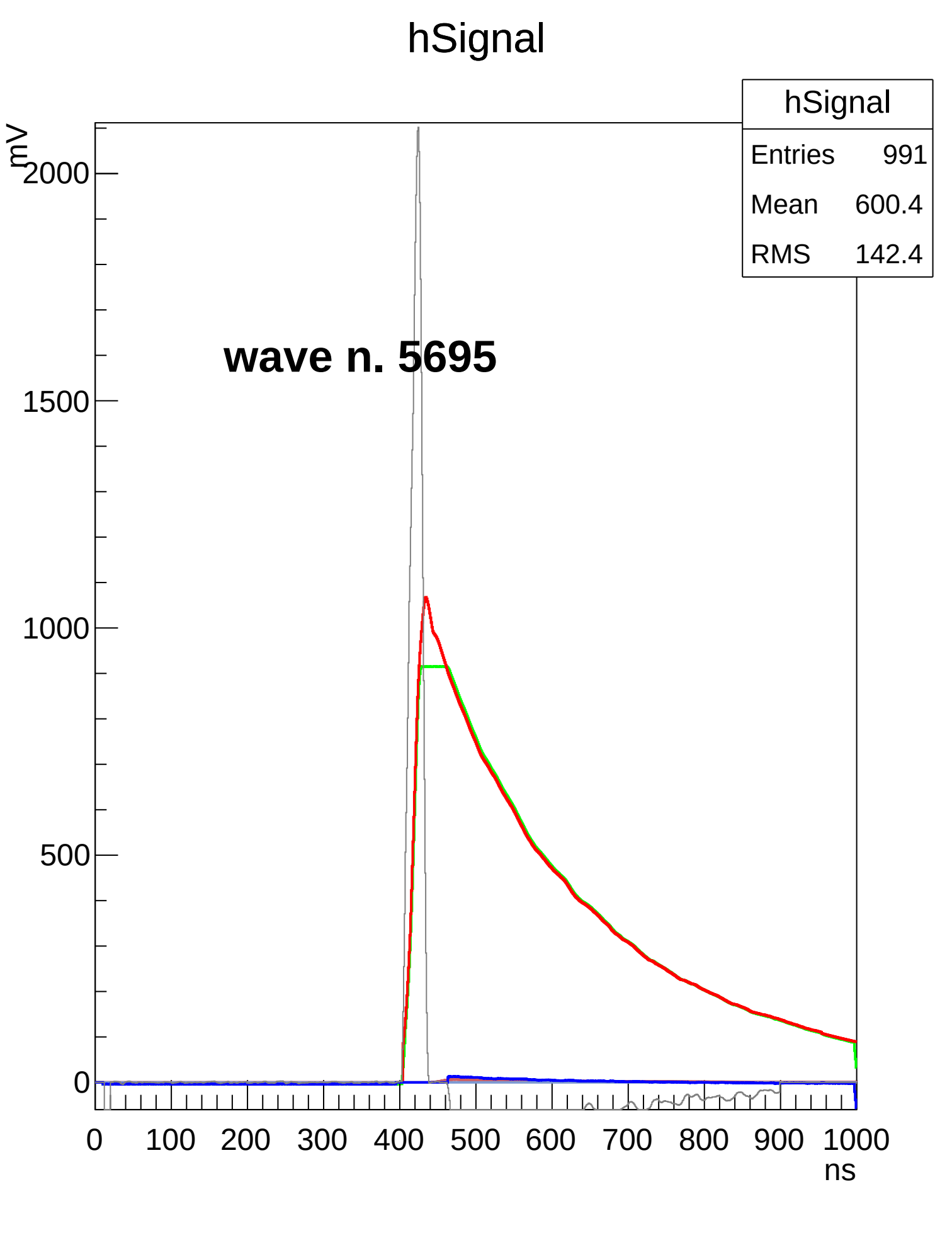
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hSignal
Entries 991
Mean 600.4
RMS 142.4
wave n. 5695
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400
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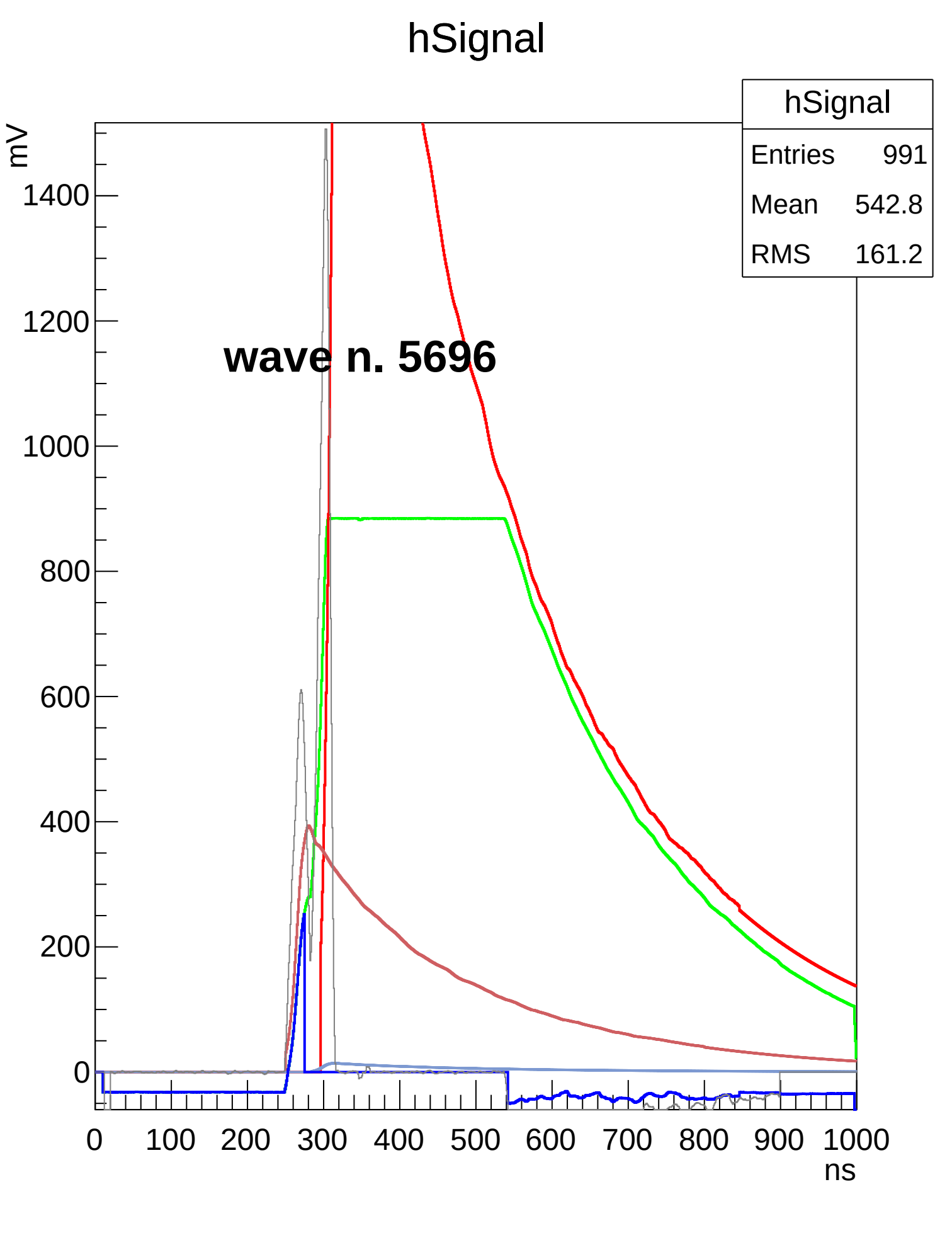
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.8
RMS 161.2
wave n. 5696
mV
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1200
1000
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600
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400
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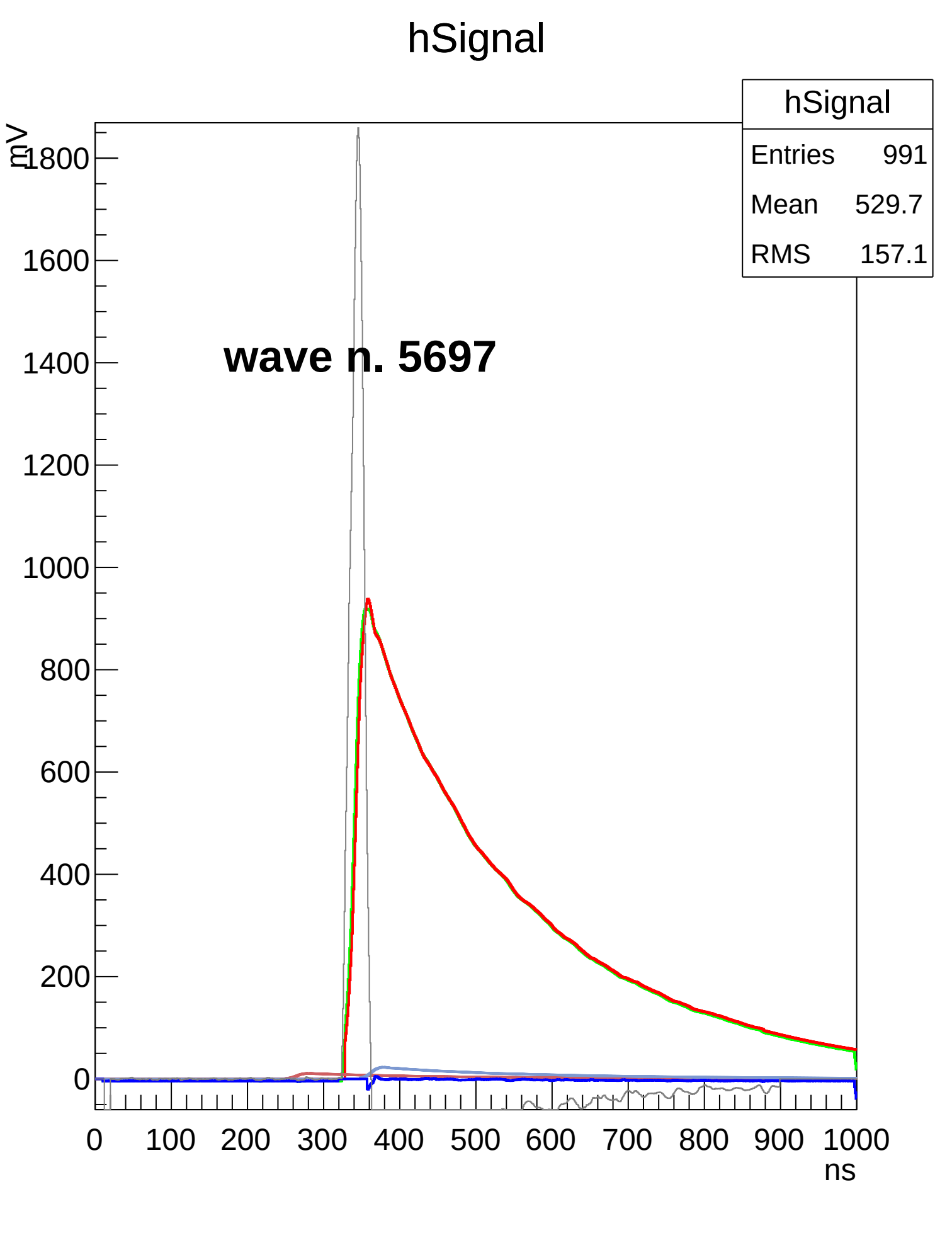
1000
ns


hSignal
hSignal
Entries 991
Mean 529.7
RMS 157.1
wave n. 5697
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
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600
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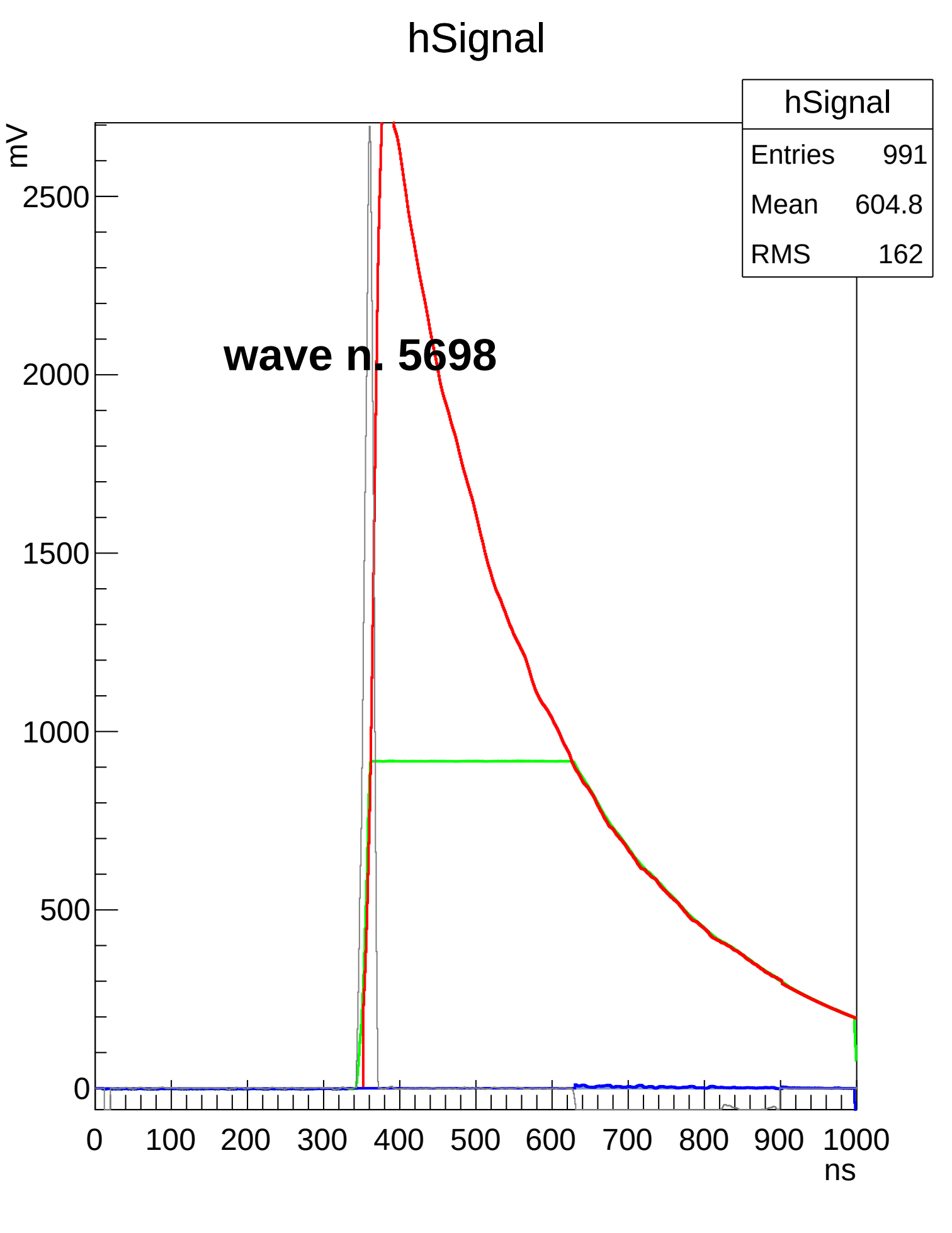
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 604.8
RMS 162
wave n. 5698
mV
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2000
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1000
500
0
0
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200
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400
500
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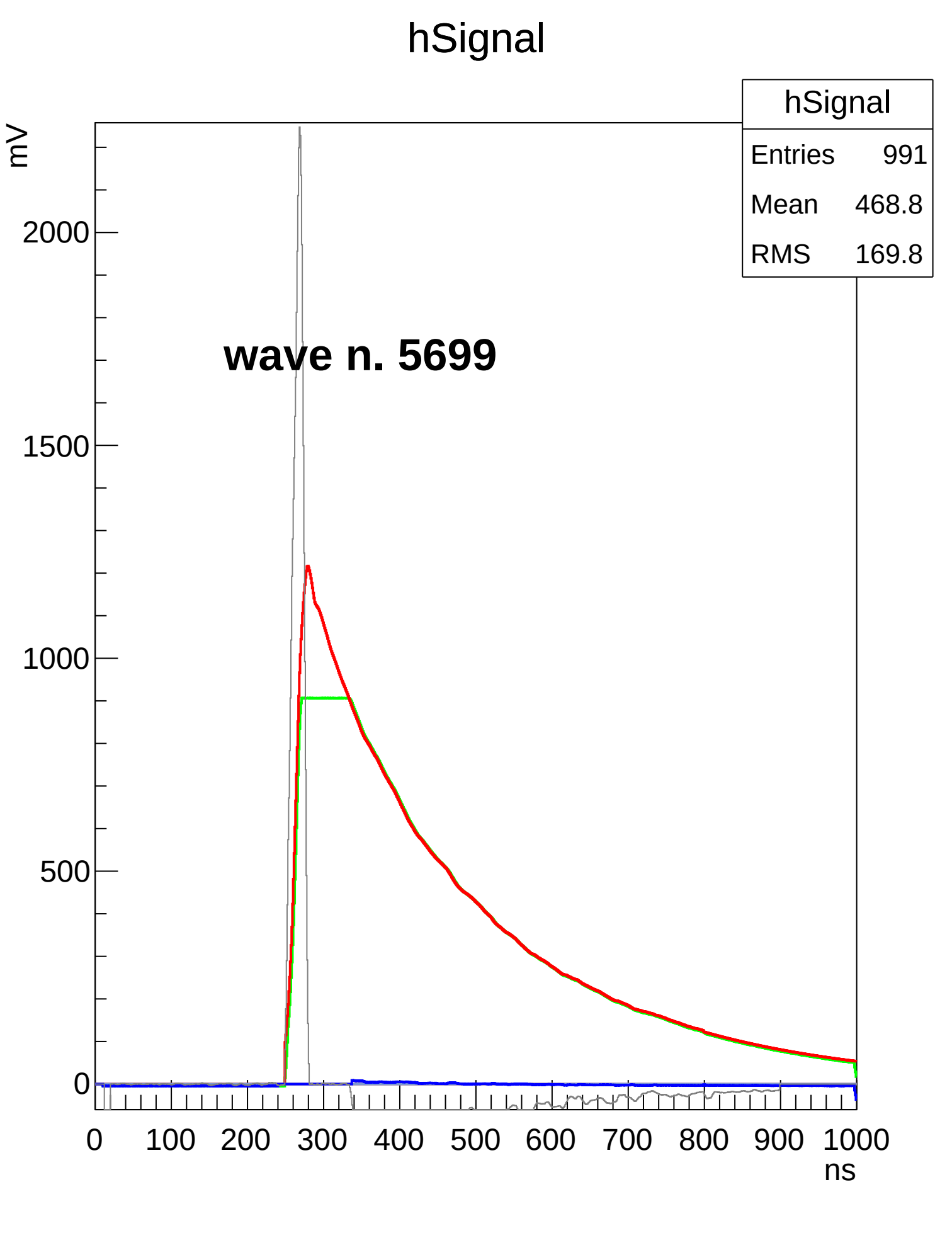
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 468.8
RMS 169.8
wave n. 5699
mV
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0
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200
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400
500
600
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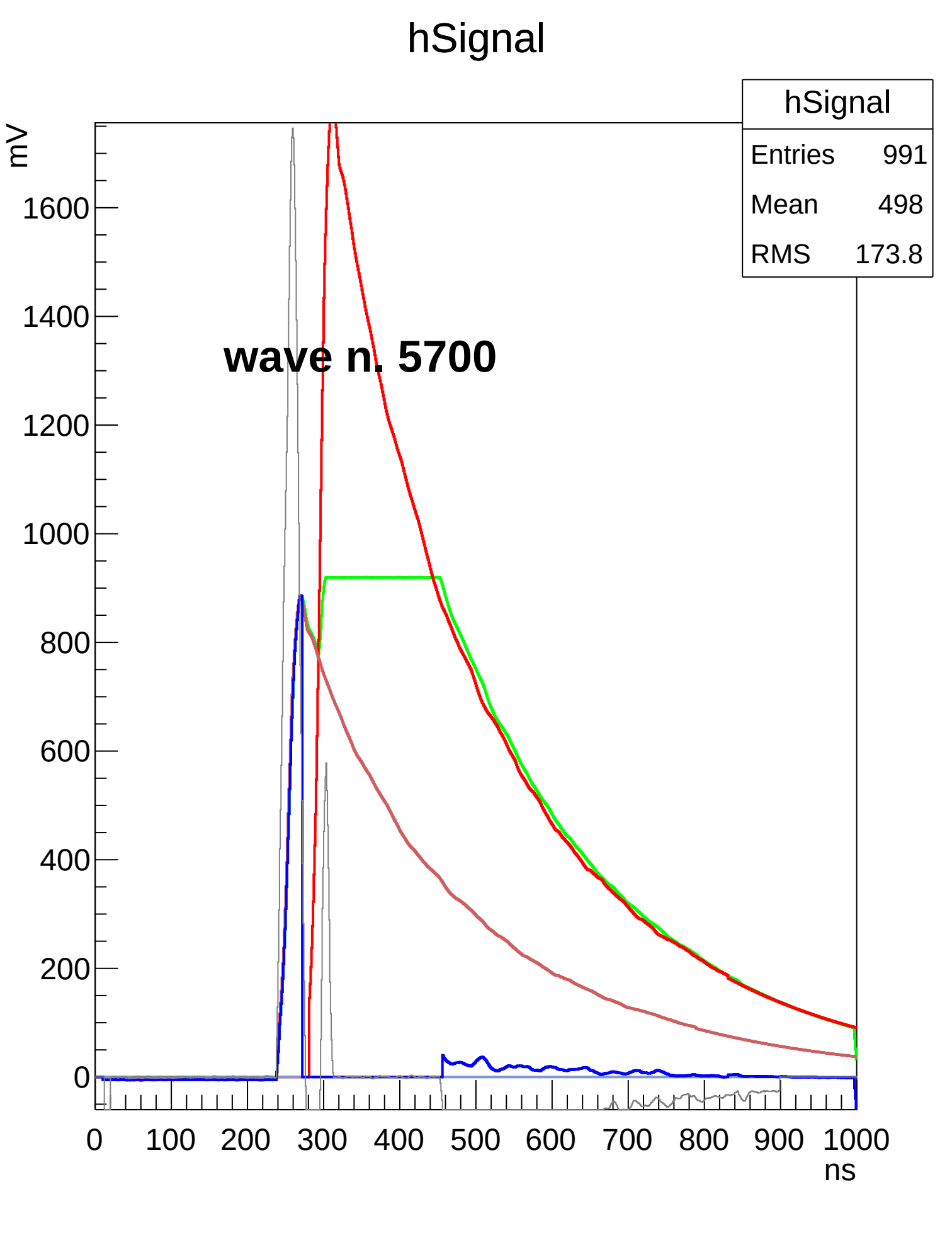
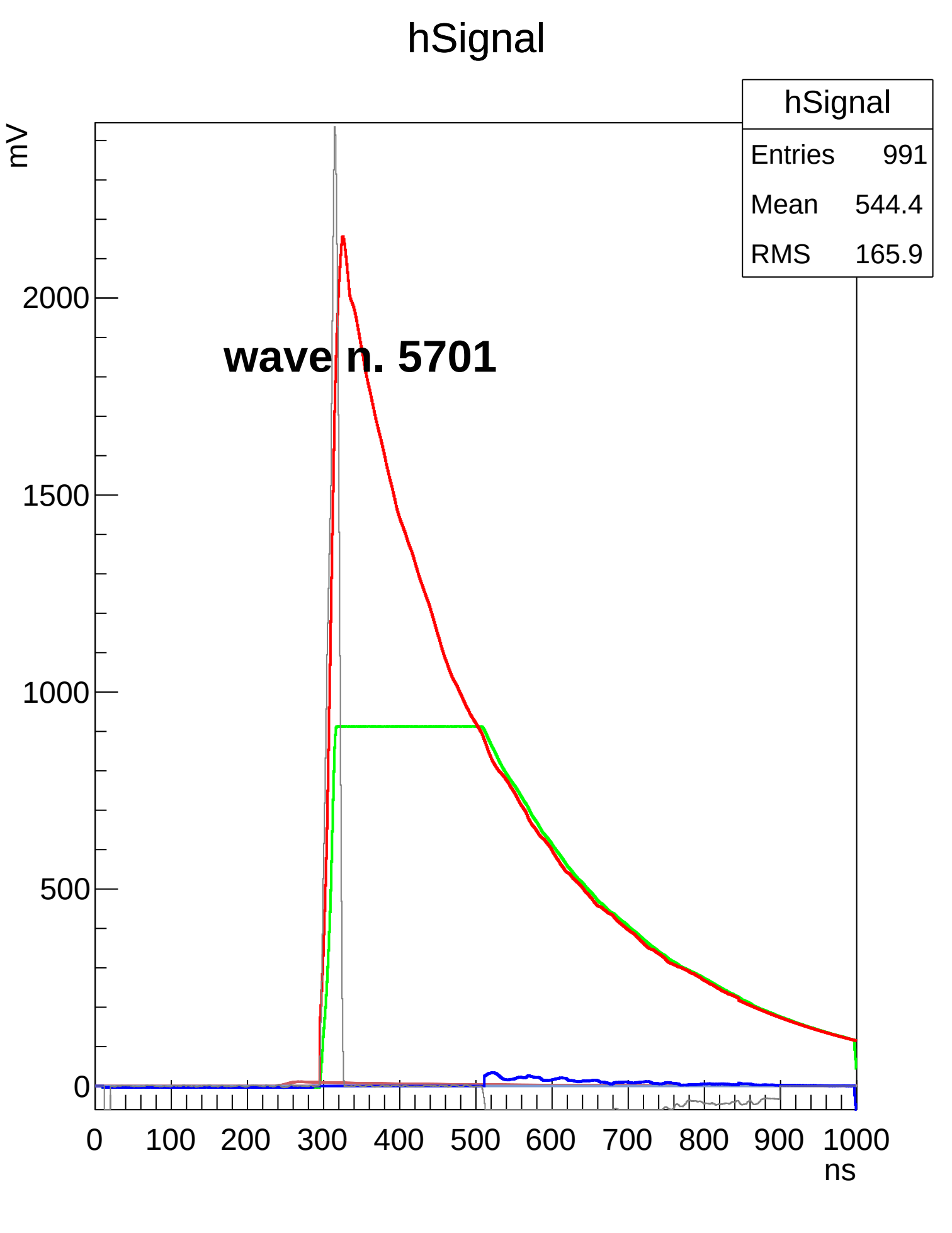
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 498
RMS 173.8
wave n. 5700
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 544.4
RMS 165.9
wave n. 5701
mV
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0
100
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400
500
600
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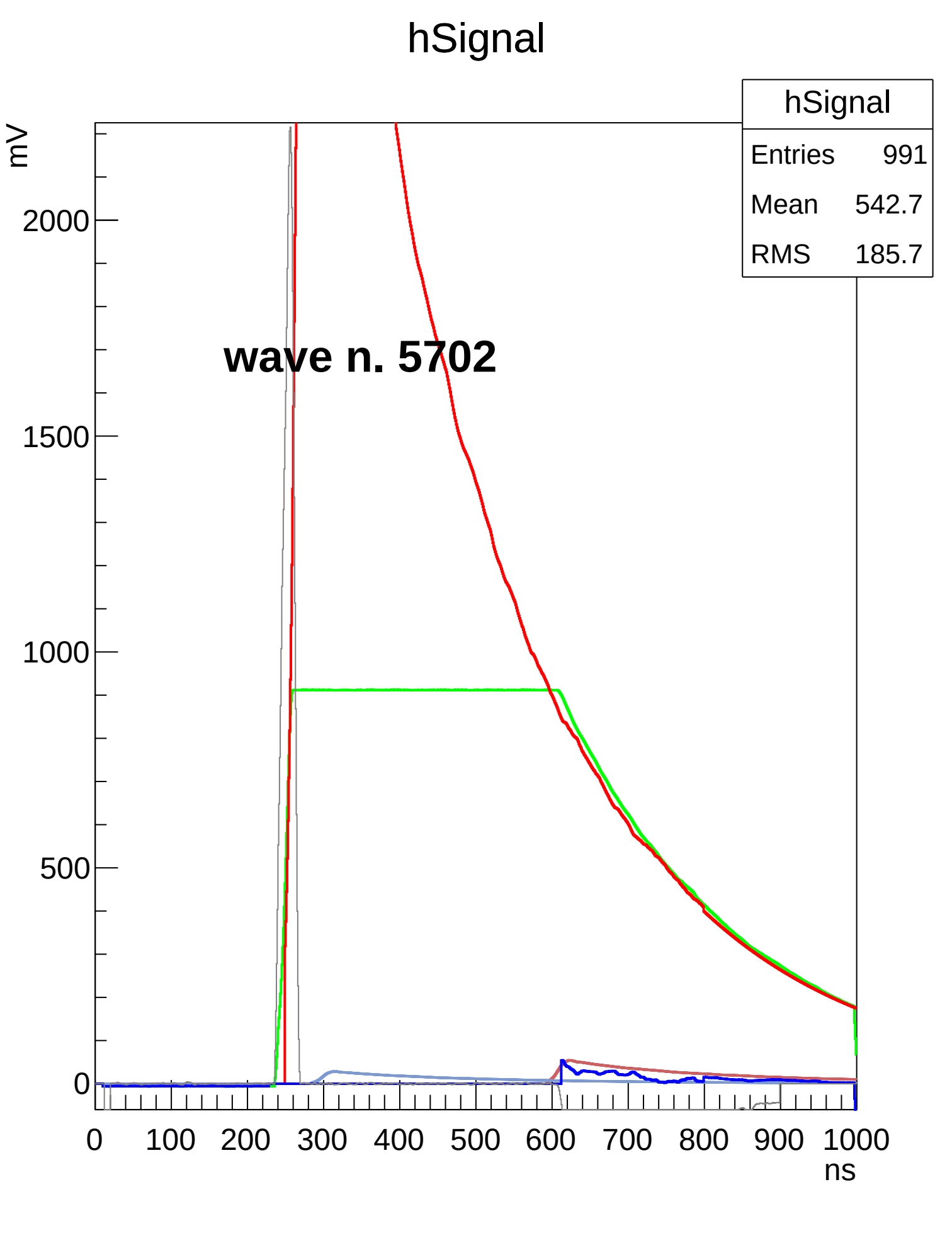
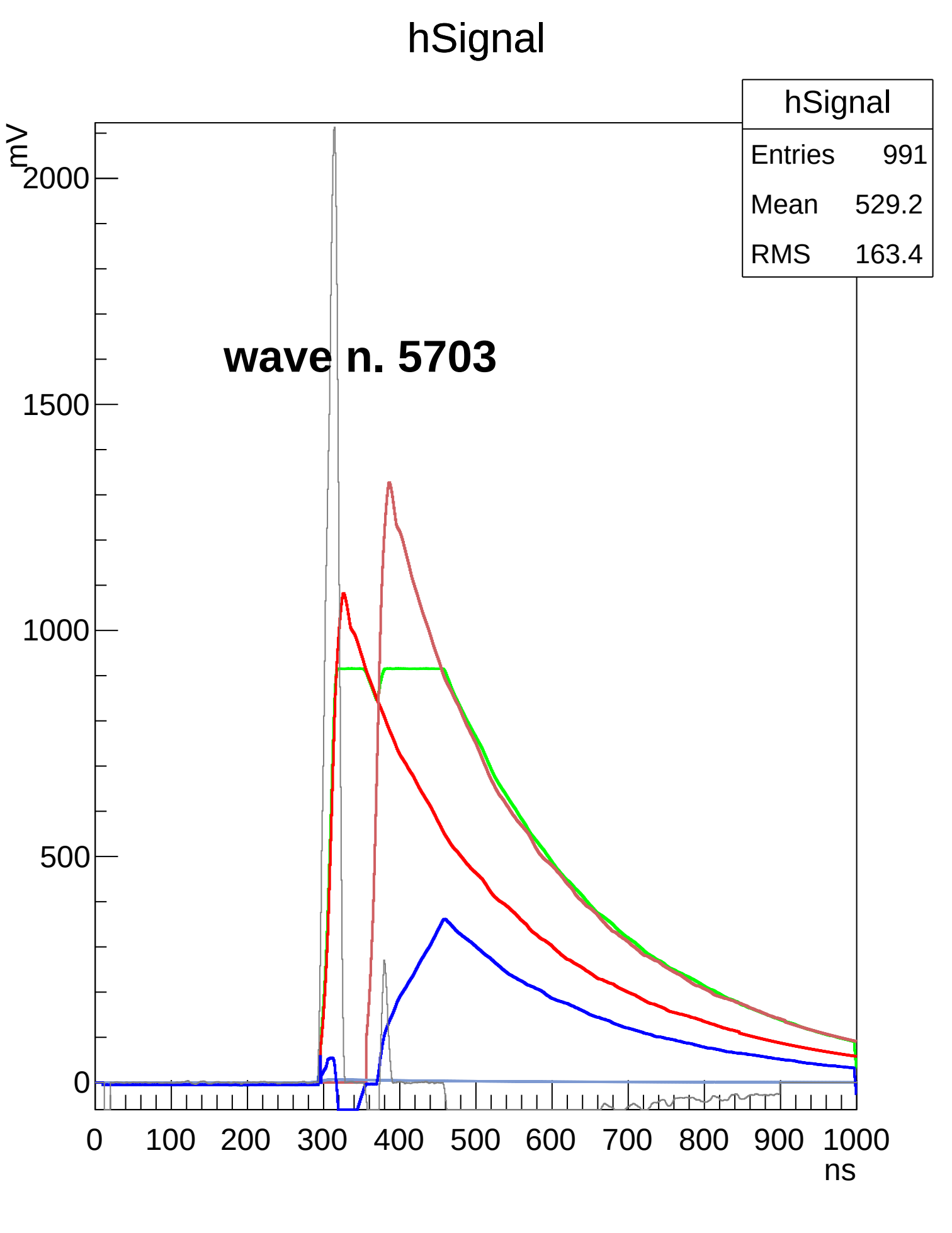
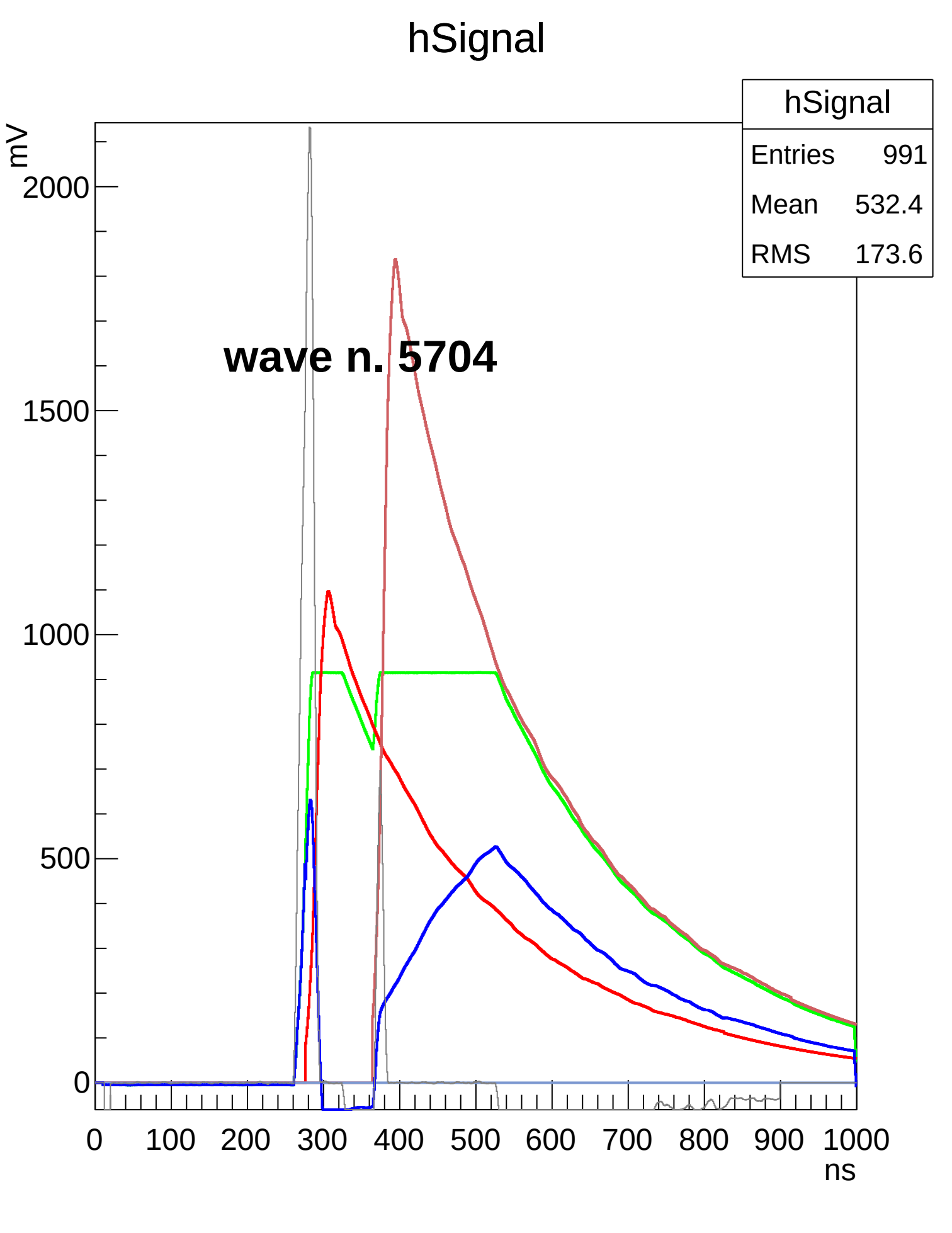
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542.7
RMS 185.7
wave n. 5702
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 529.2
RMS 163.4
wave n. 5703
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 532.4
RMS 173.6
wave n. 5704
mV
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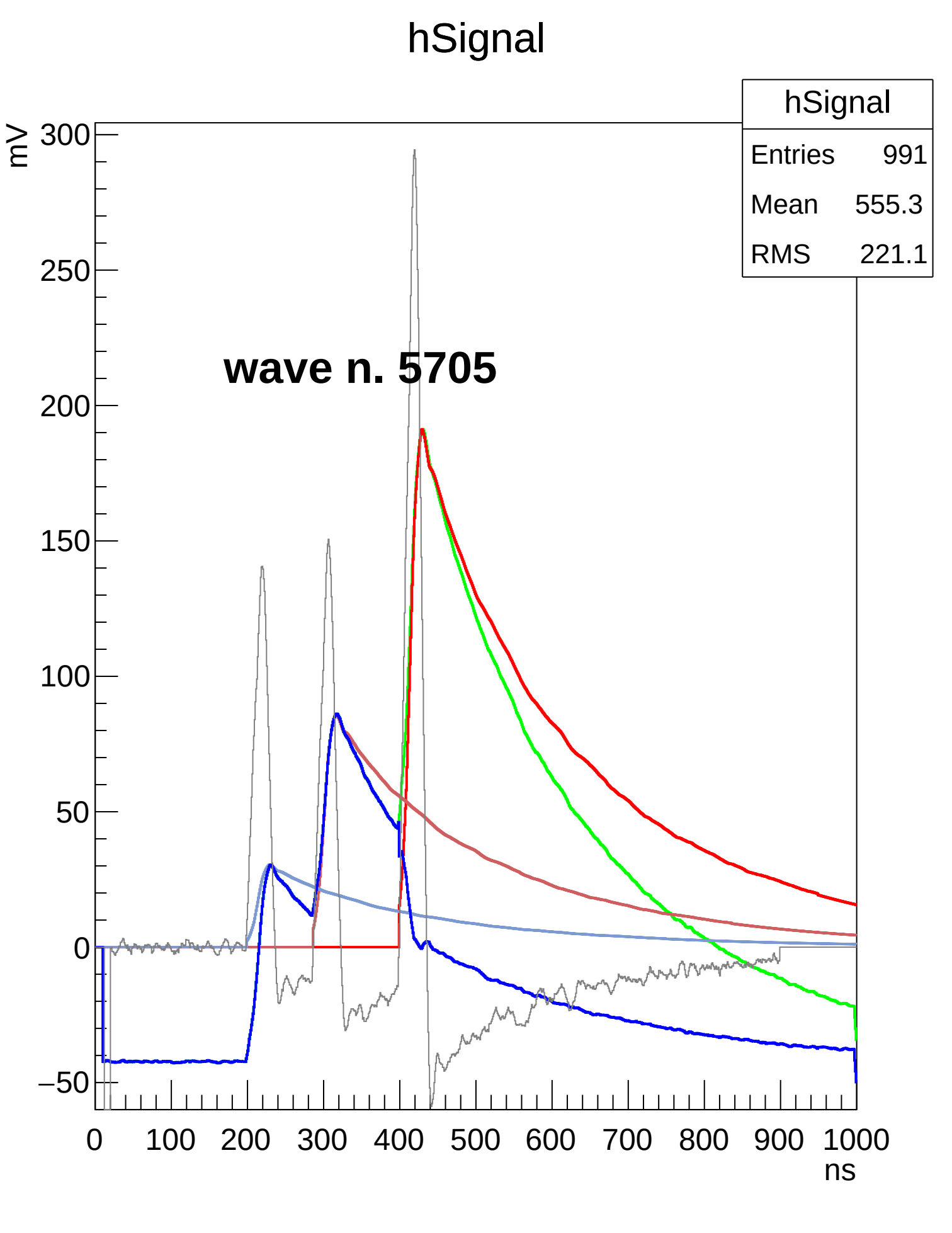
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 555.3
RMS 221.1
wave n. 5705
mV
300
250
200
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100
50
0
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0
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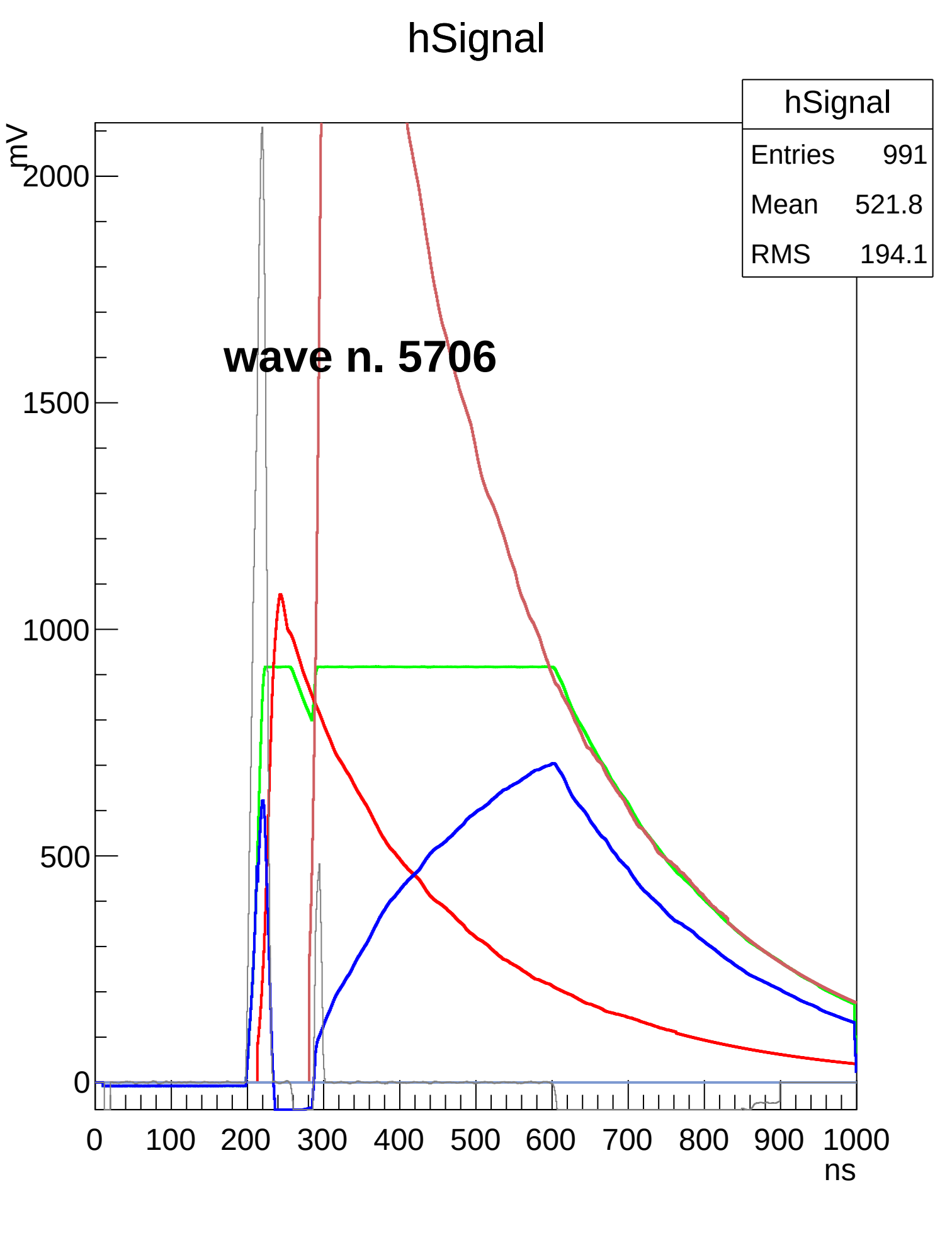
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521.8
RMS 194.1
wave n. 5706
mV
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1500
1000
500
0
0
100
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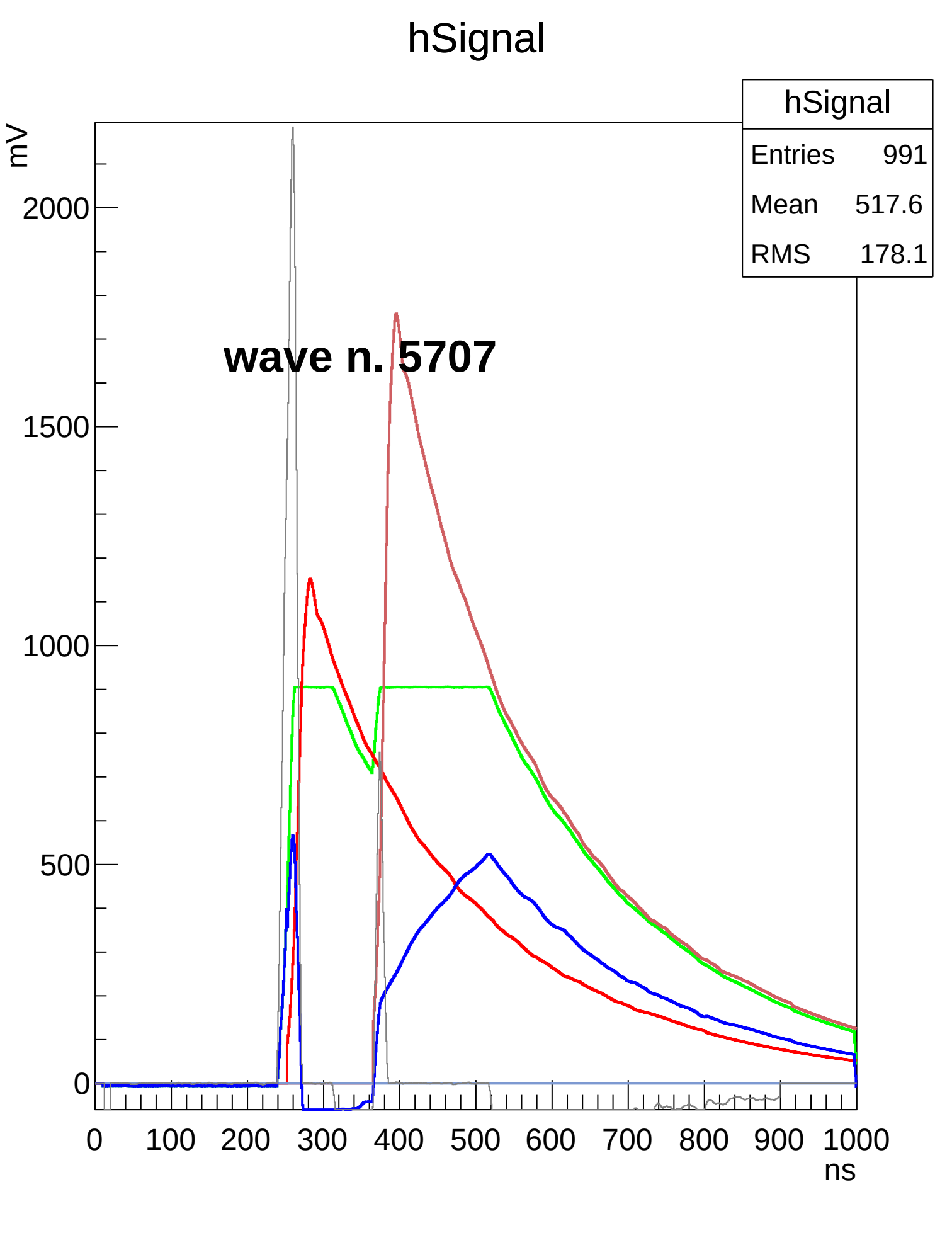
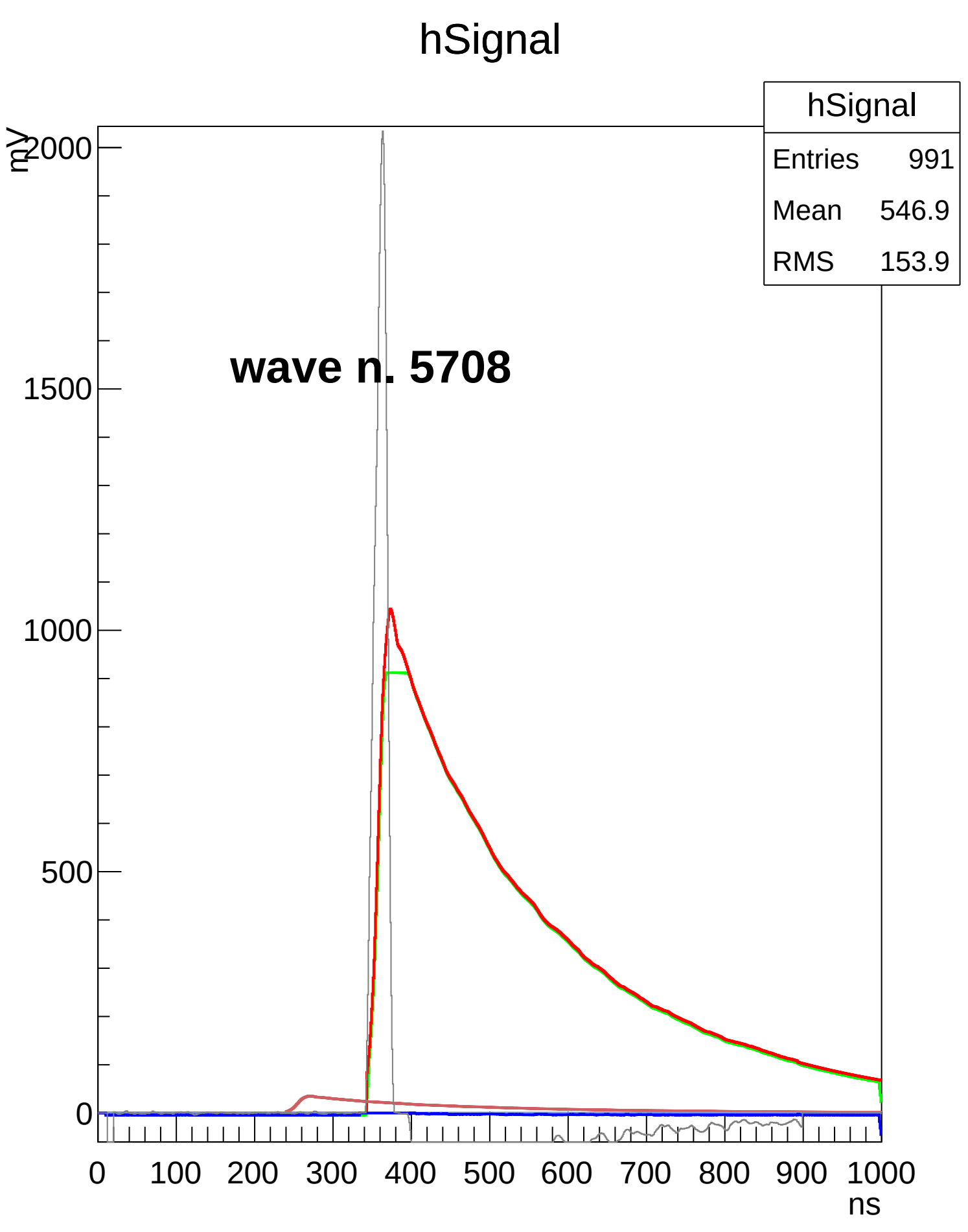
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 517.6
RMS 178.1
wave n. 5707
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 546.9
RMS 153.9
wave n. 5708
mV
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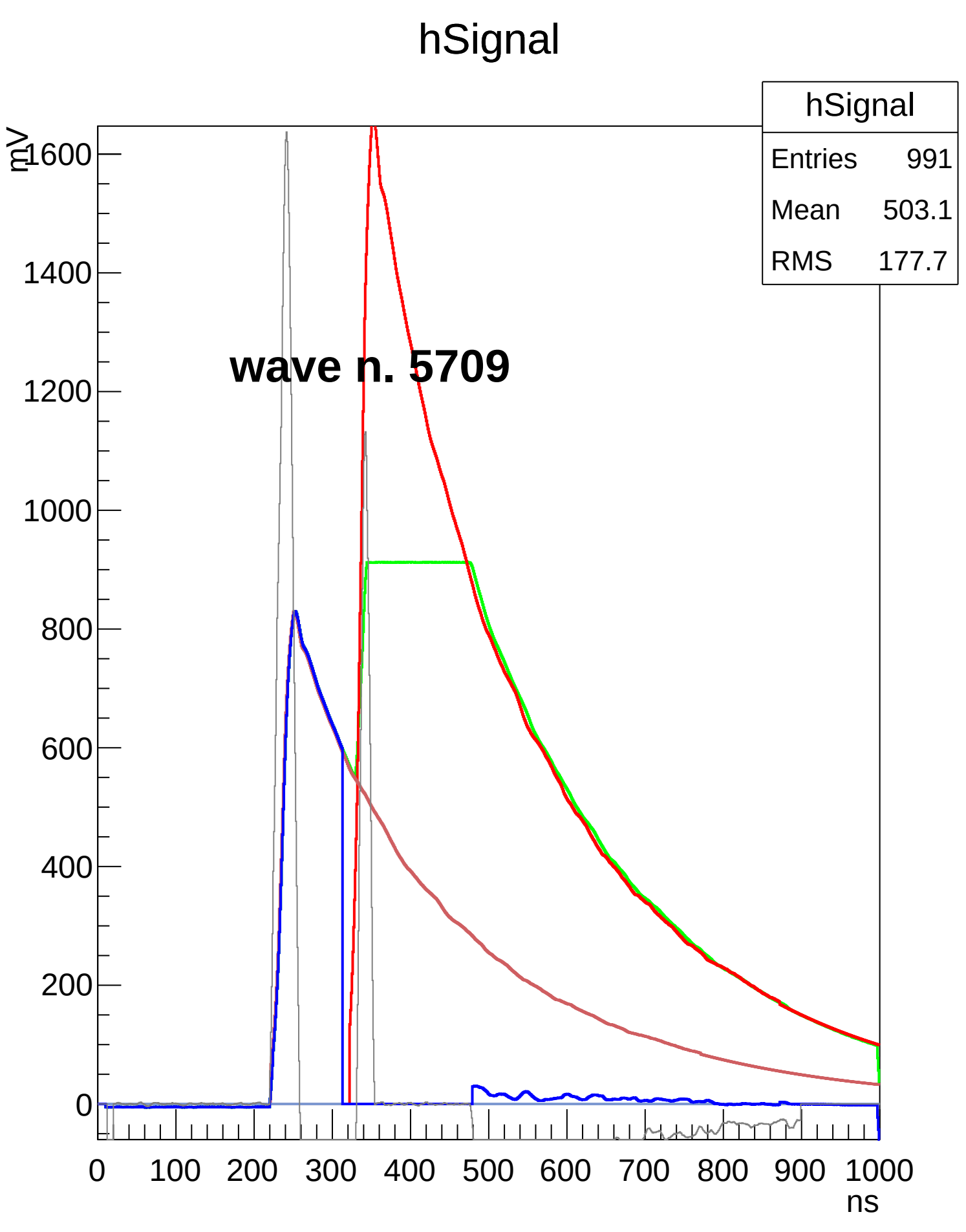
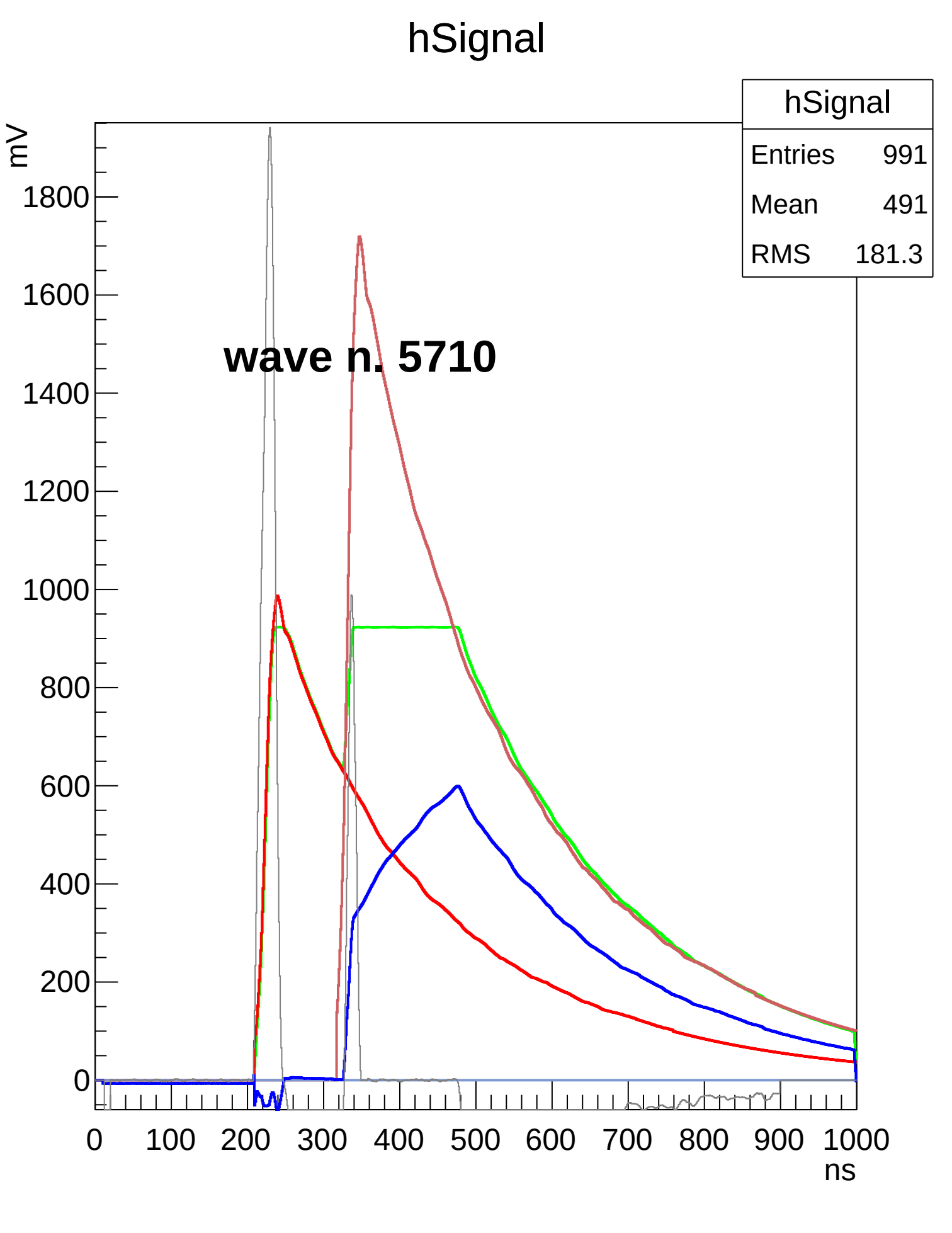
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 503.1
RMS 177.7
wave n. 5709
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 491
RMS 181.3
wave n. 5710
mV
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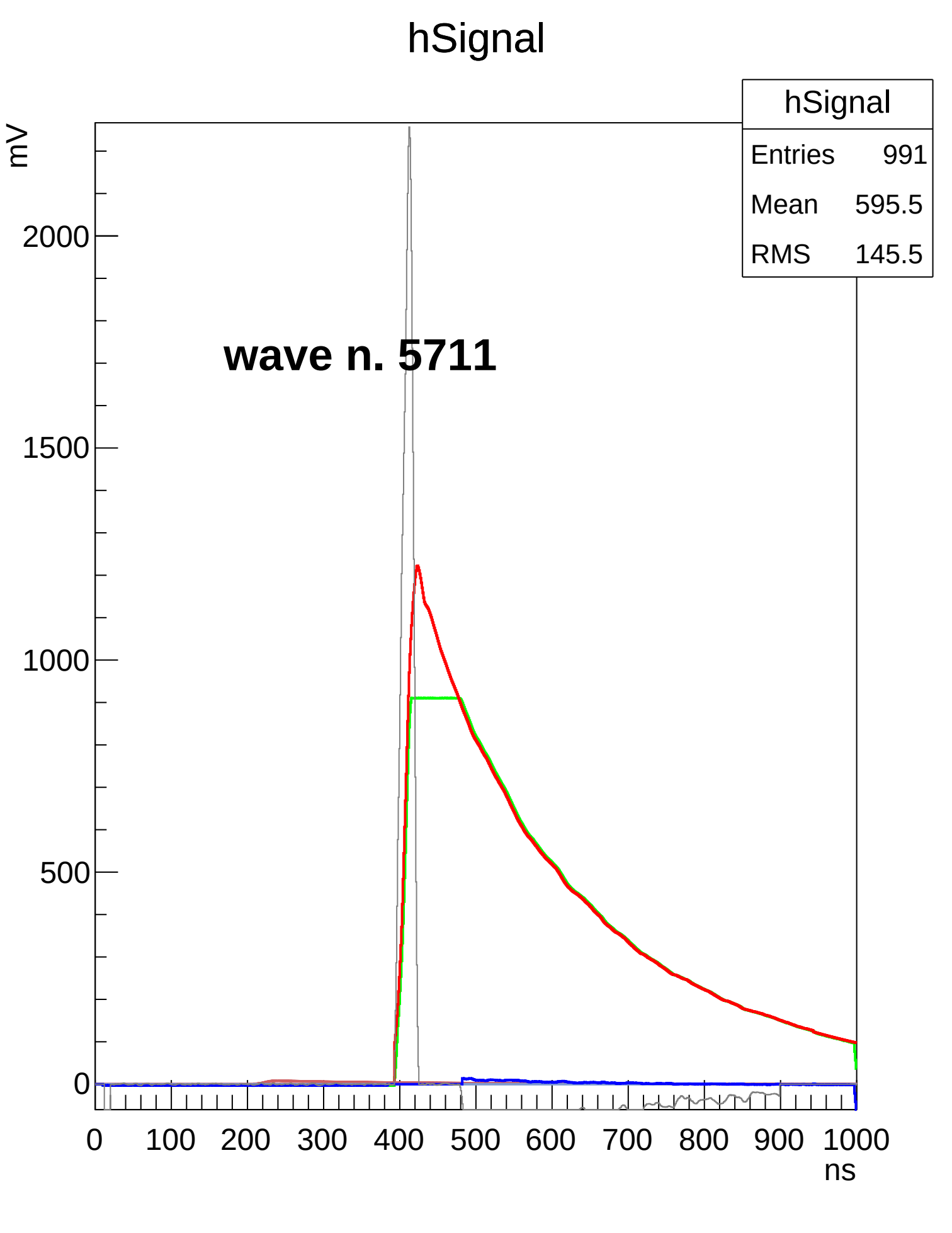
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 595.5
RMS 145.5
wave n. 5711
mV
2000
1500
1000
500
0
0
100
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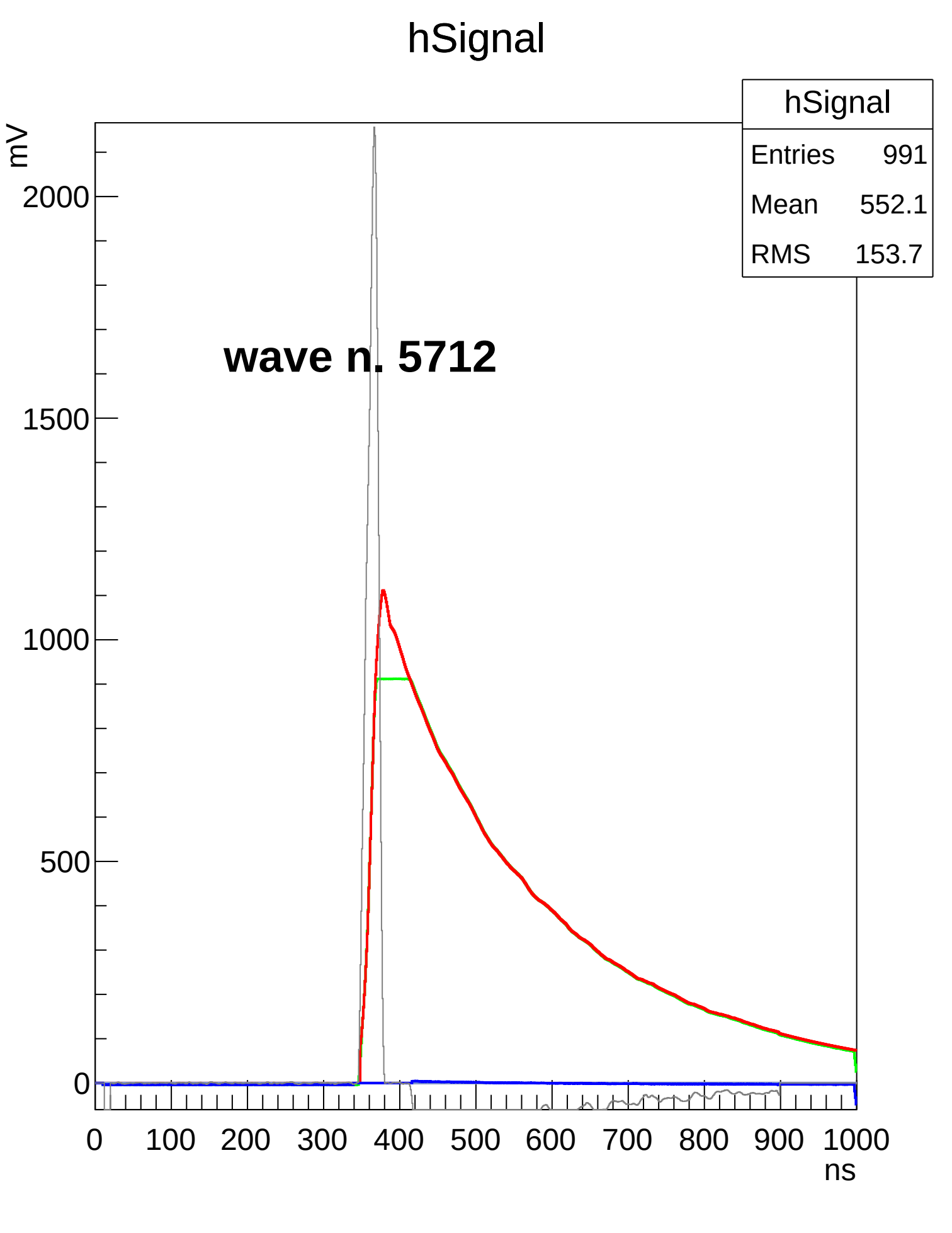
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.1
RMS 153.7
wave n. 5712
mV
2000
1500
1000
500
0
0
100
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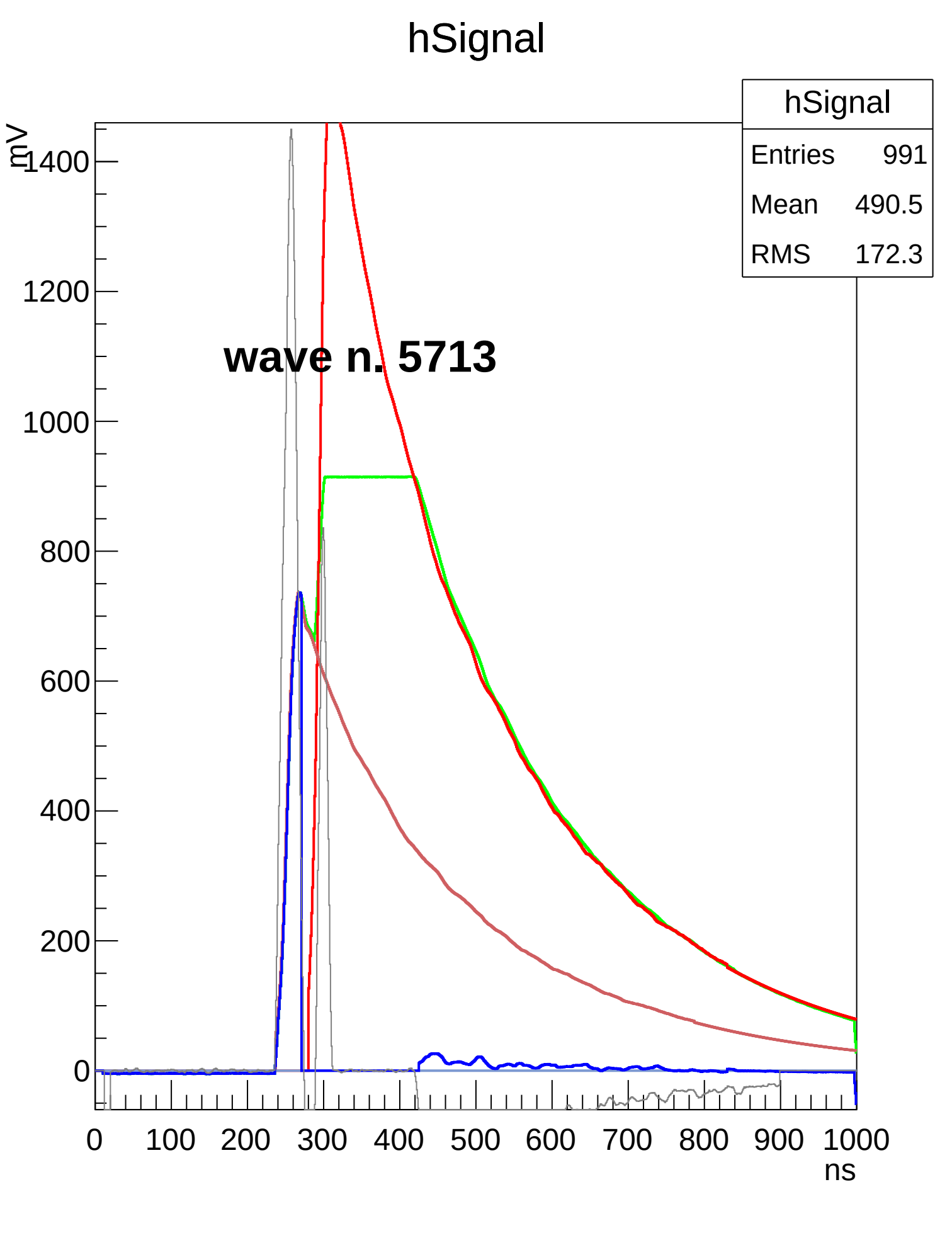
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 490.5
RMS 172.3
wave n. 5713
mV
1400
1200
1000
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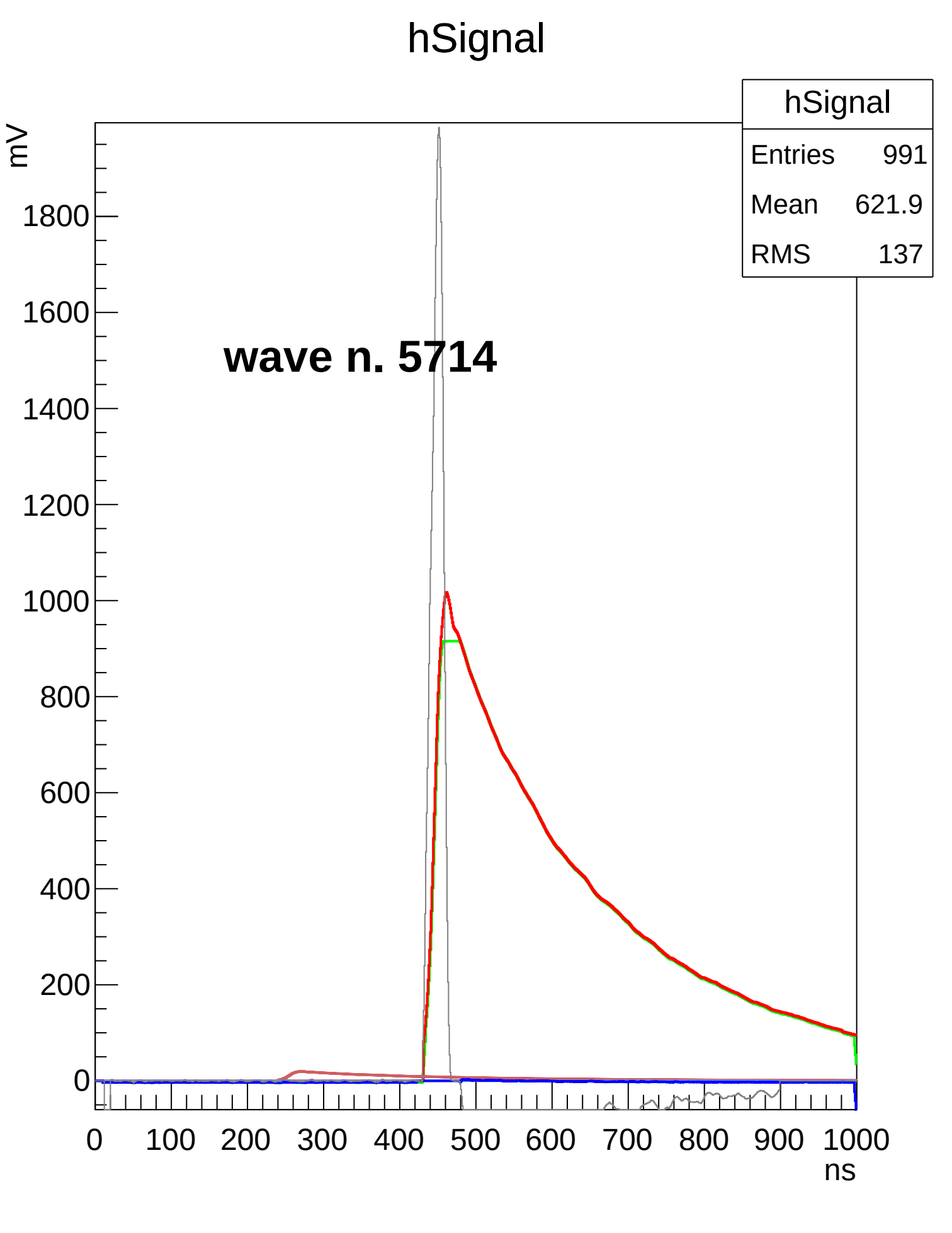
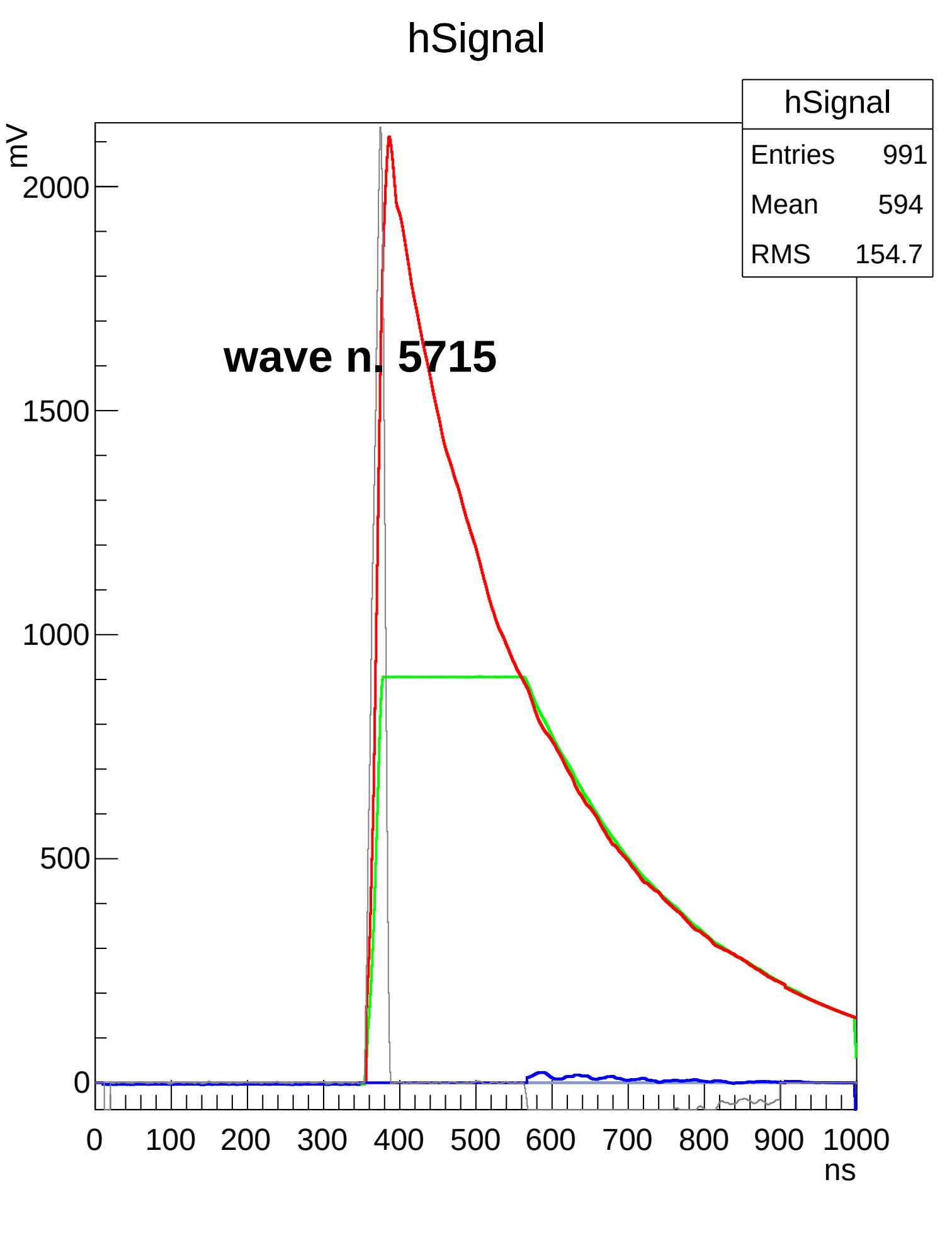
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 621.9
RMS 137
wave n. 5714
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 594
RMS 154.7
wave n. 5715
mV
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1000
500
0
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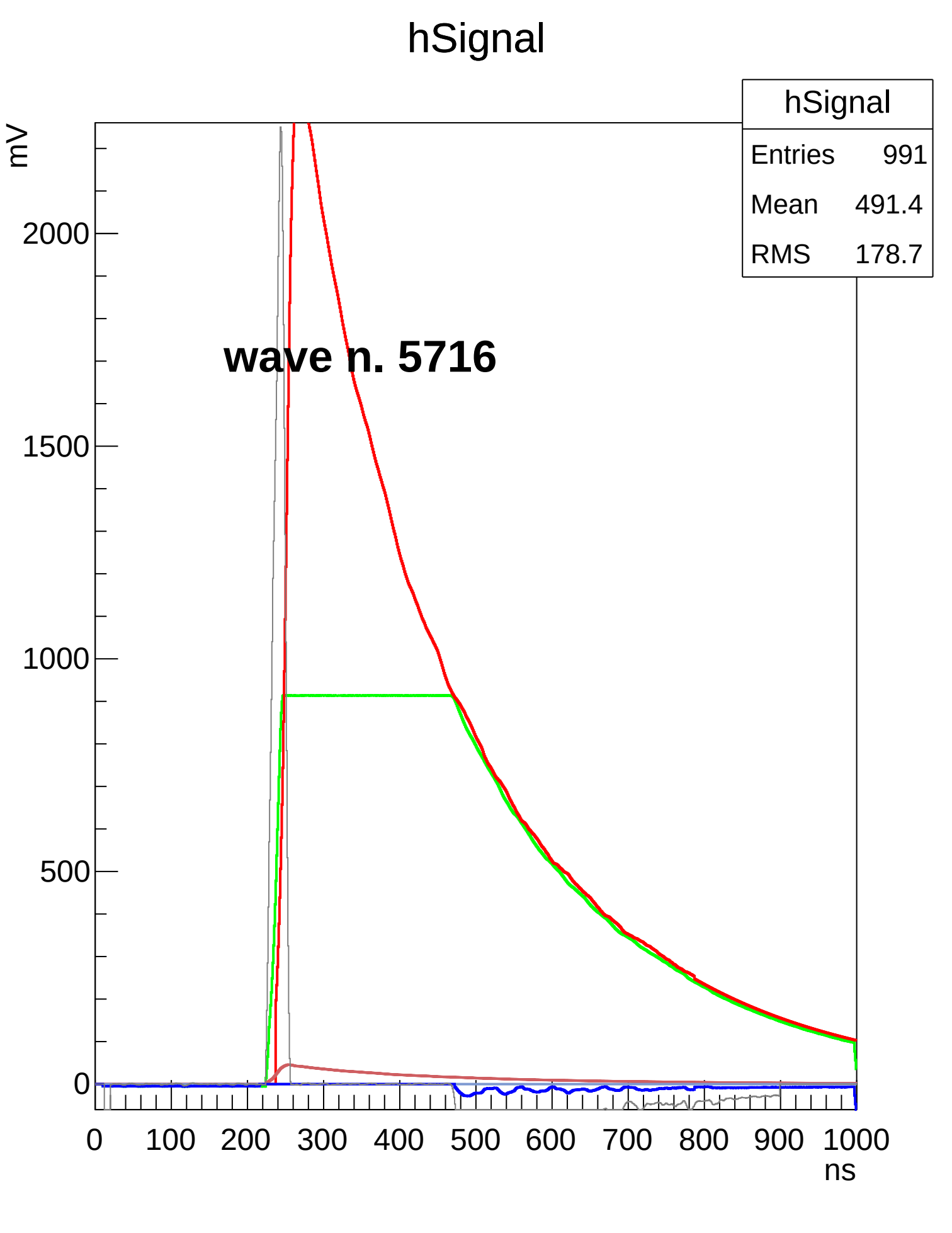
ns


hSignal
hSignal
Entries 991
Mean 491.4
RMS 178.7
wave n. 5716
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0
100
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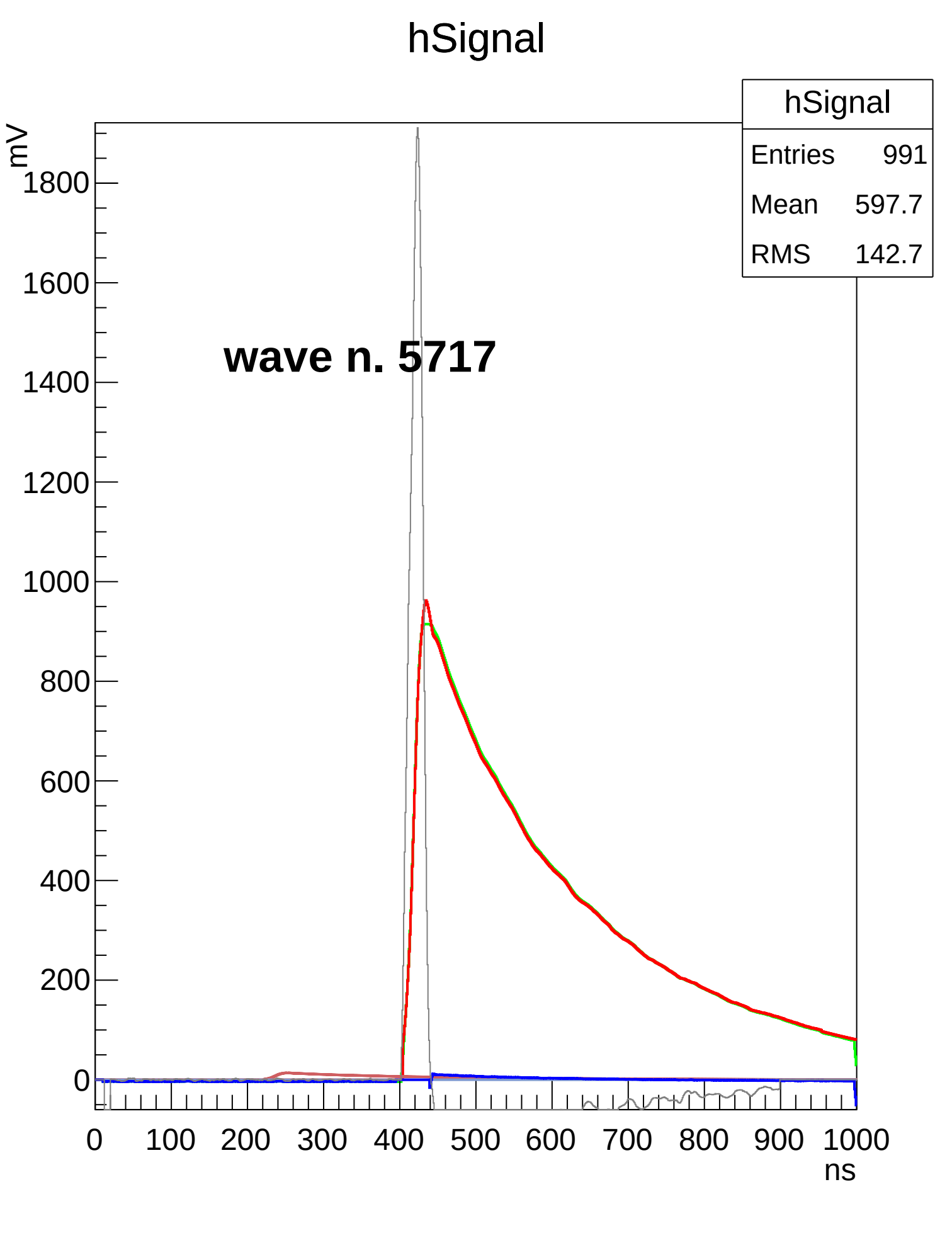
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597.7
RMS 142.7
wave n. 5717
mV
1800
1600
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1200
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600
400
200
0
0
100
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400
500
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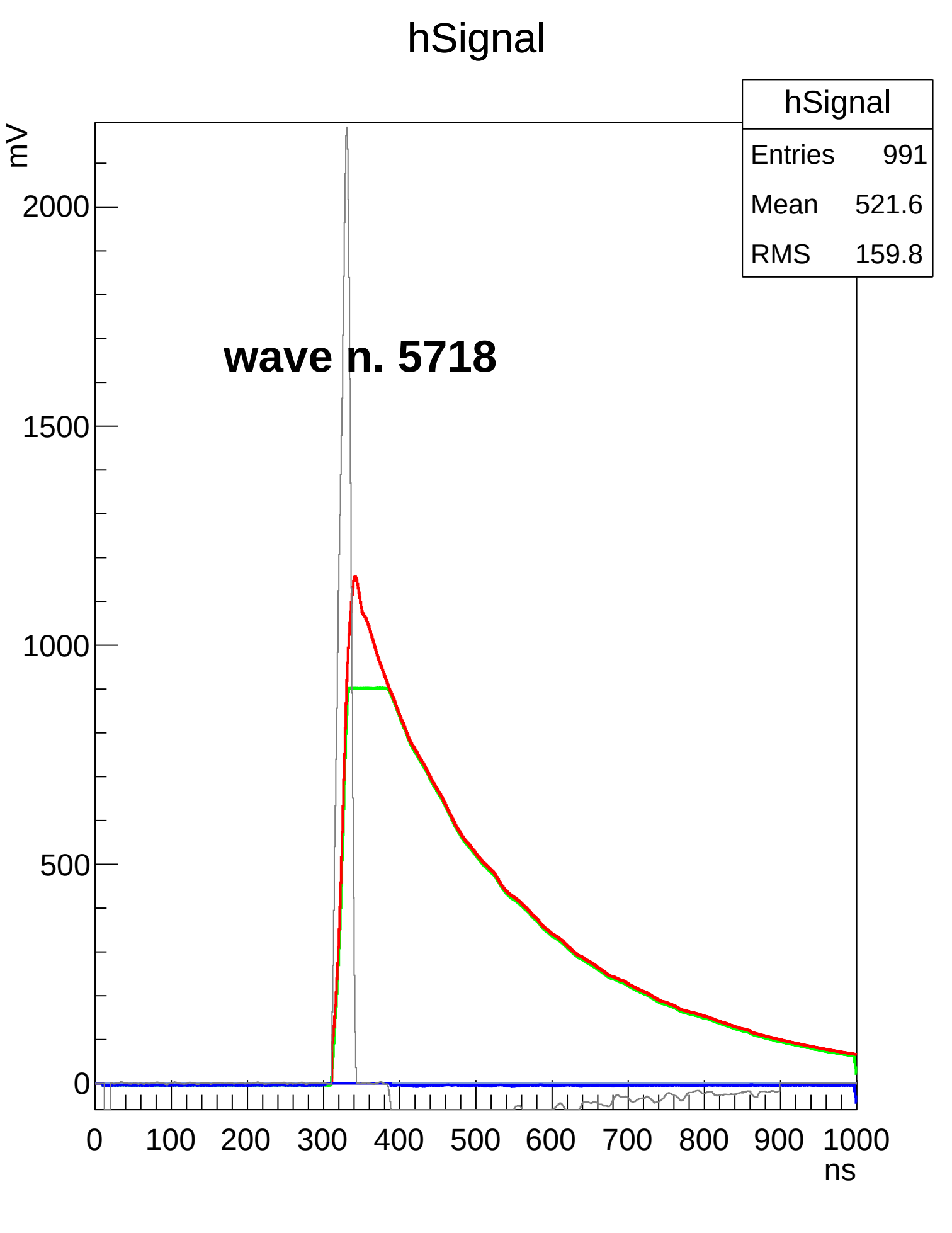
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521.6
RMS 159.8
wave n. 5718
mV
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1000
500
0
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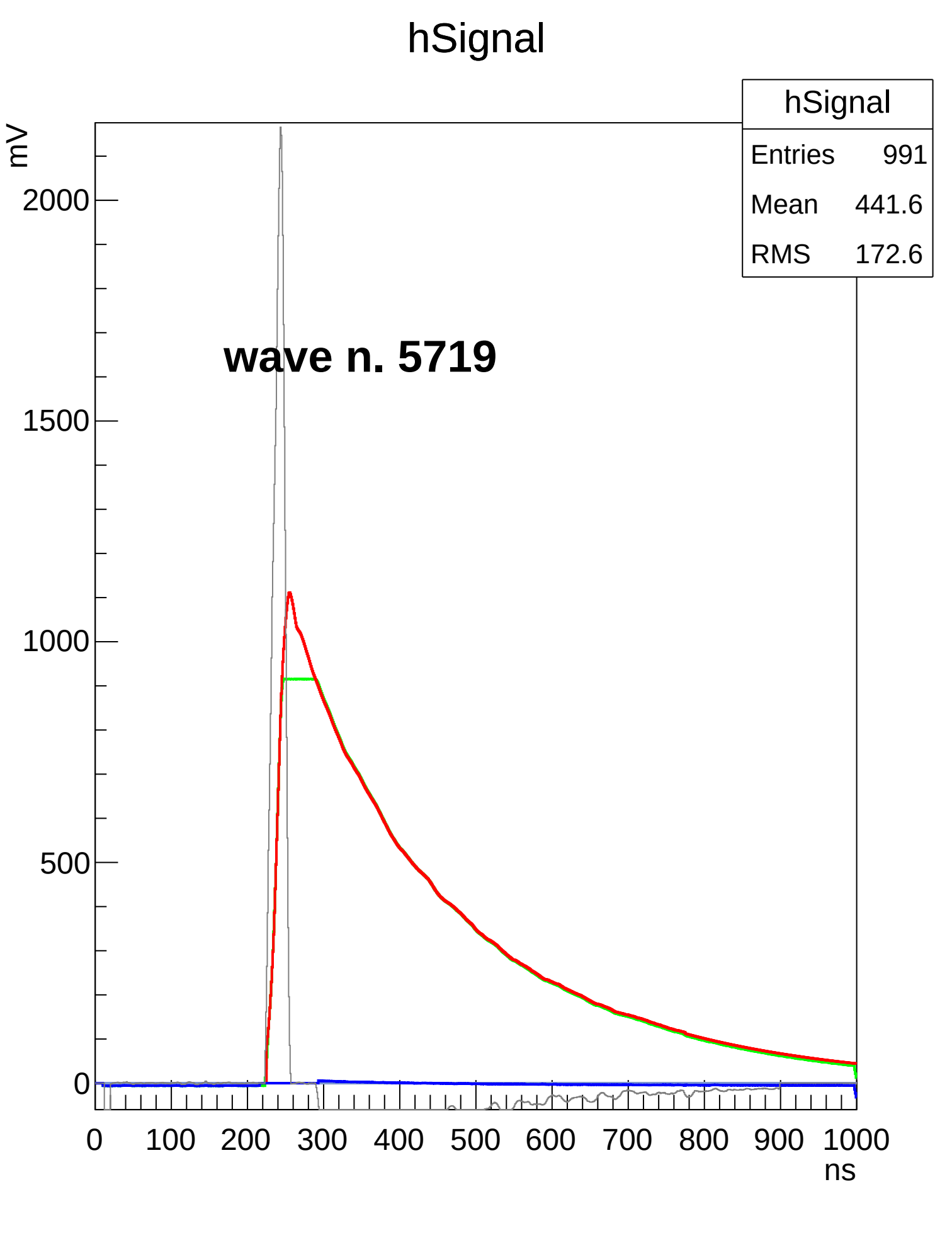
ns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hSignal
Entries 991
Mean 441.6
RMS 172.6
wave n. 5719
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0
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400
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1000
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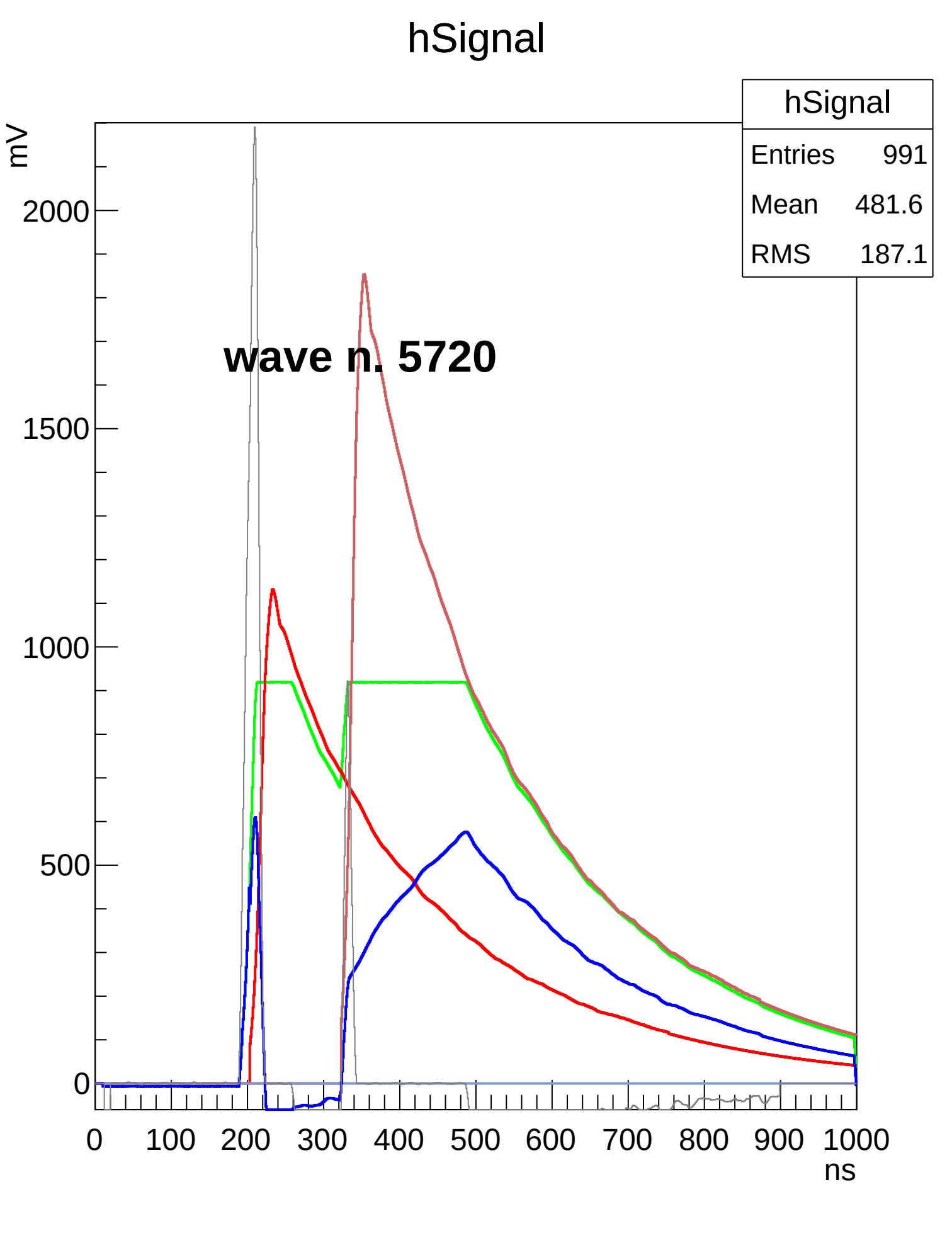
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hSignal
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Mean 481.6
RMS 187.1
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1000
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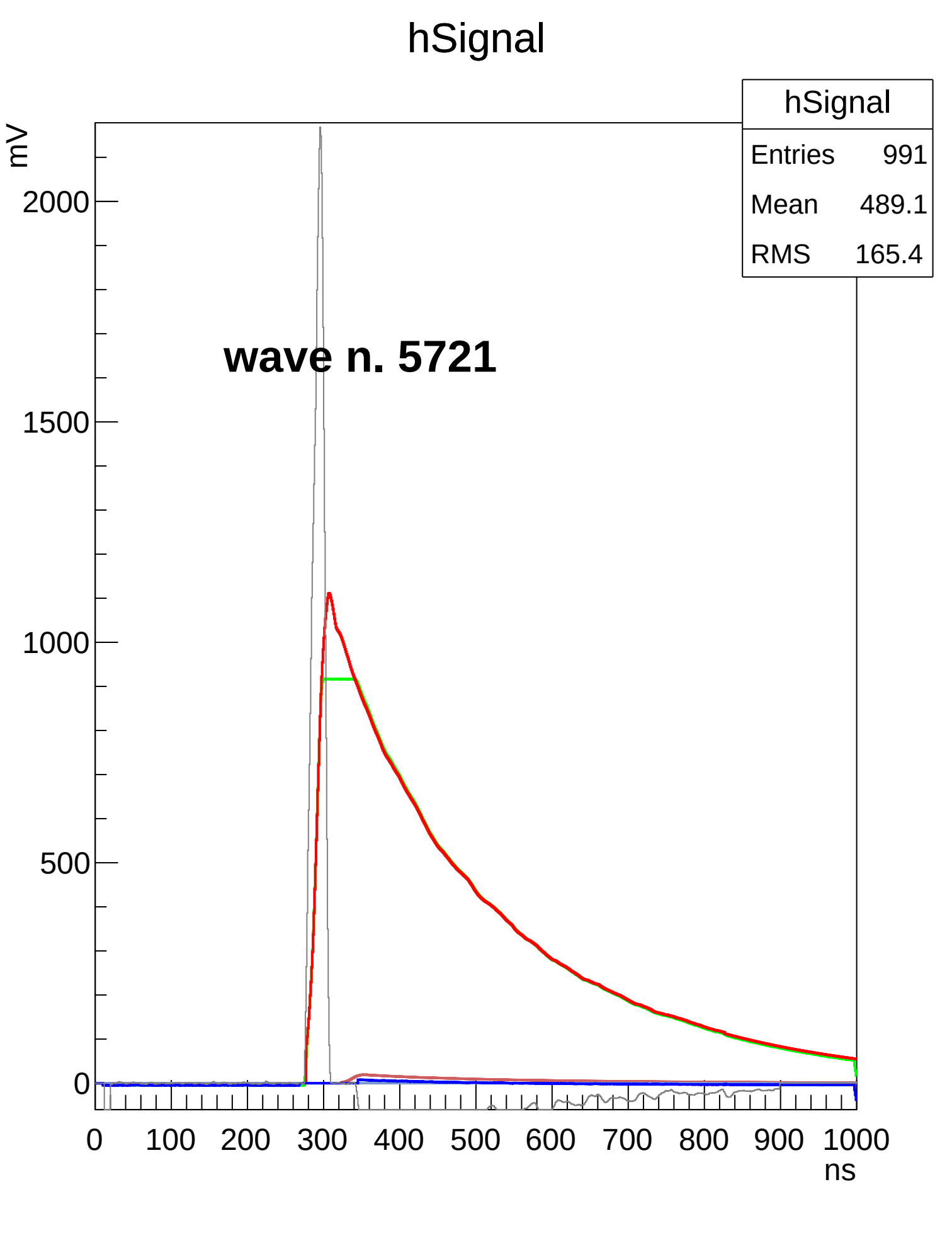
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Entries 991
Mean 489.1
RMS 165.4
wave n. 5721
mV
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1000
500
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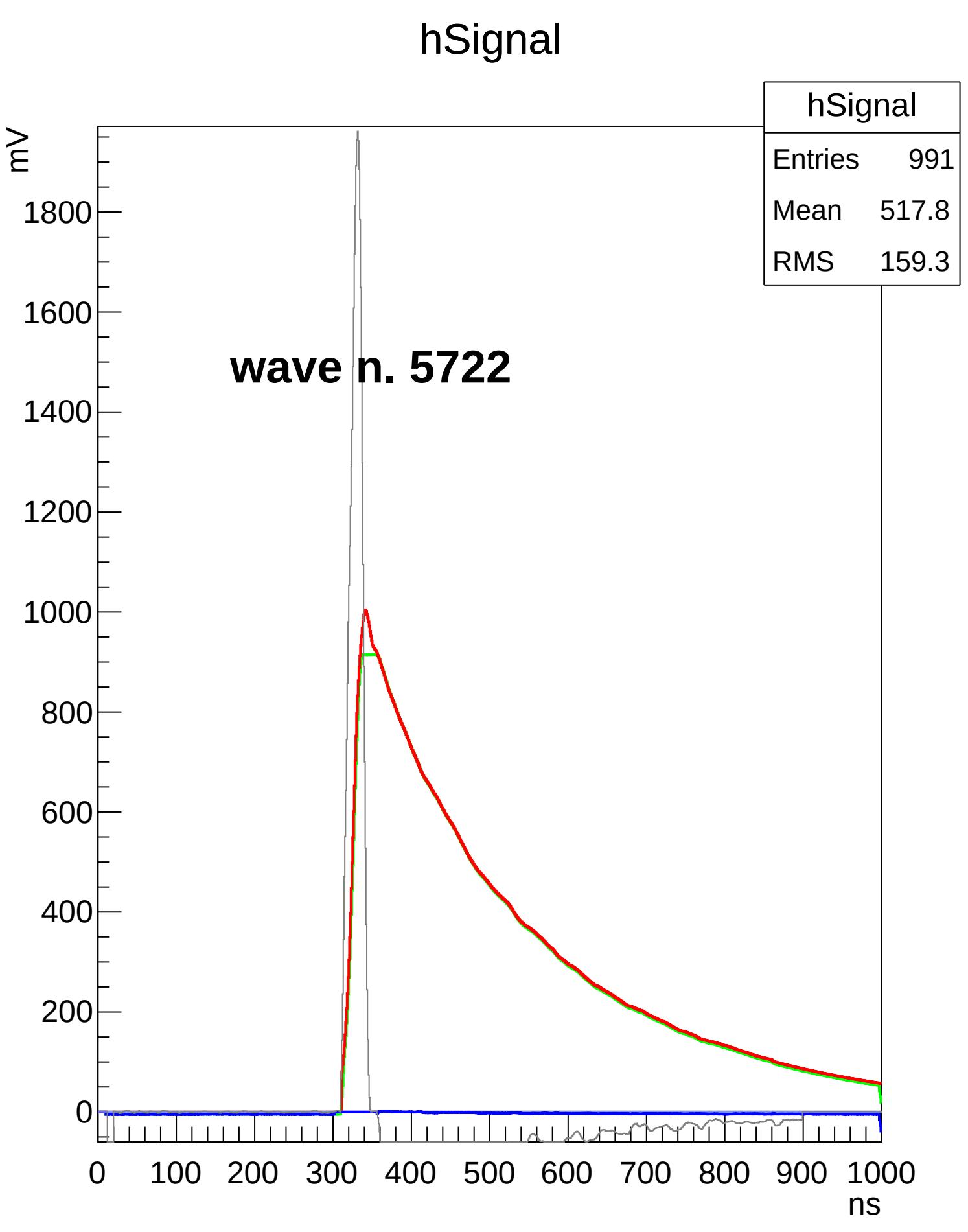
ns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hSignal
Entries 991
Mean 517.8
RMS 159.3
wave n. 5722
mV
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0
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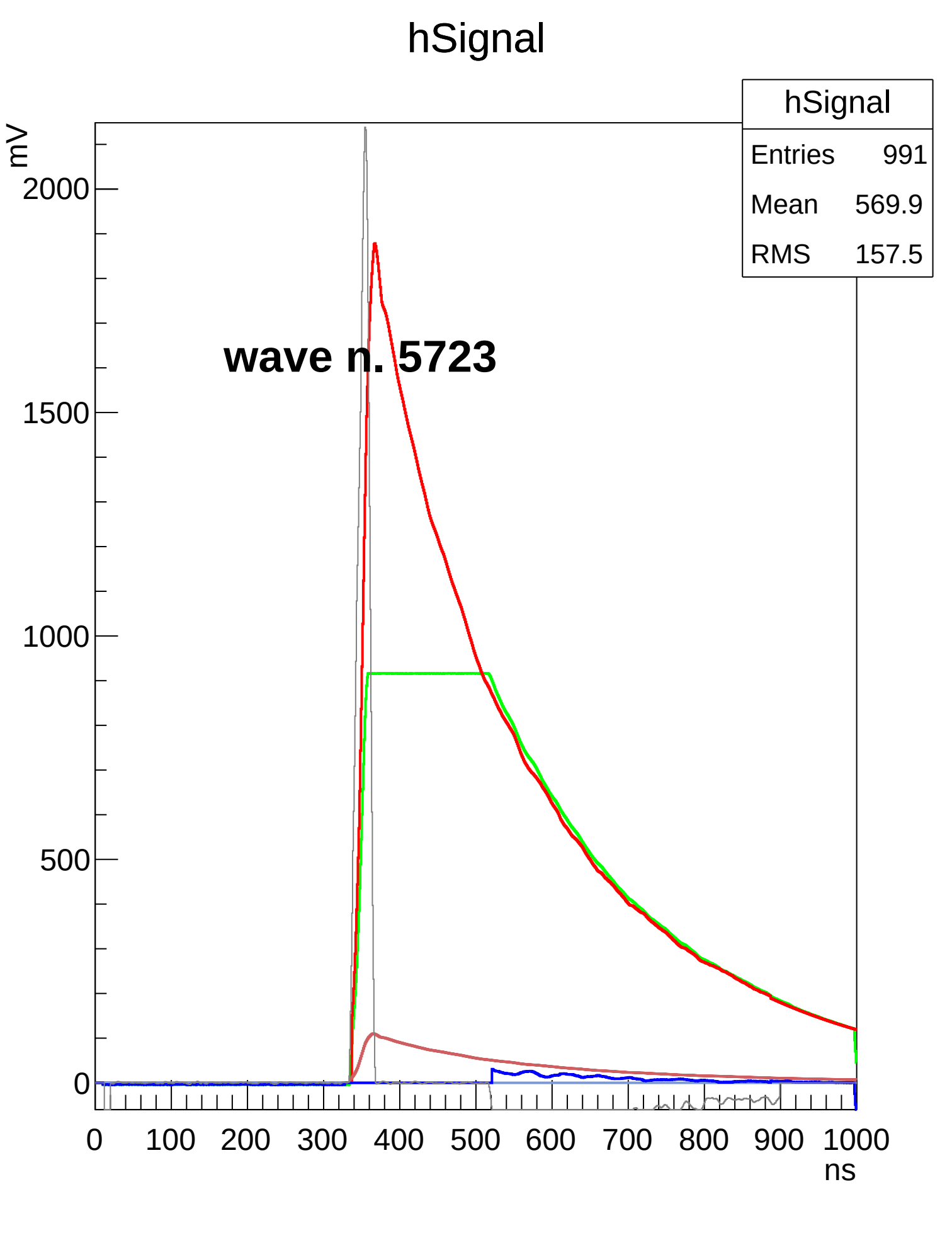
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hSignal
Entries 991
Mean 569.9
RMS 157.5
wave n. 5723
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0
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400
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800
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1000
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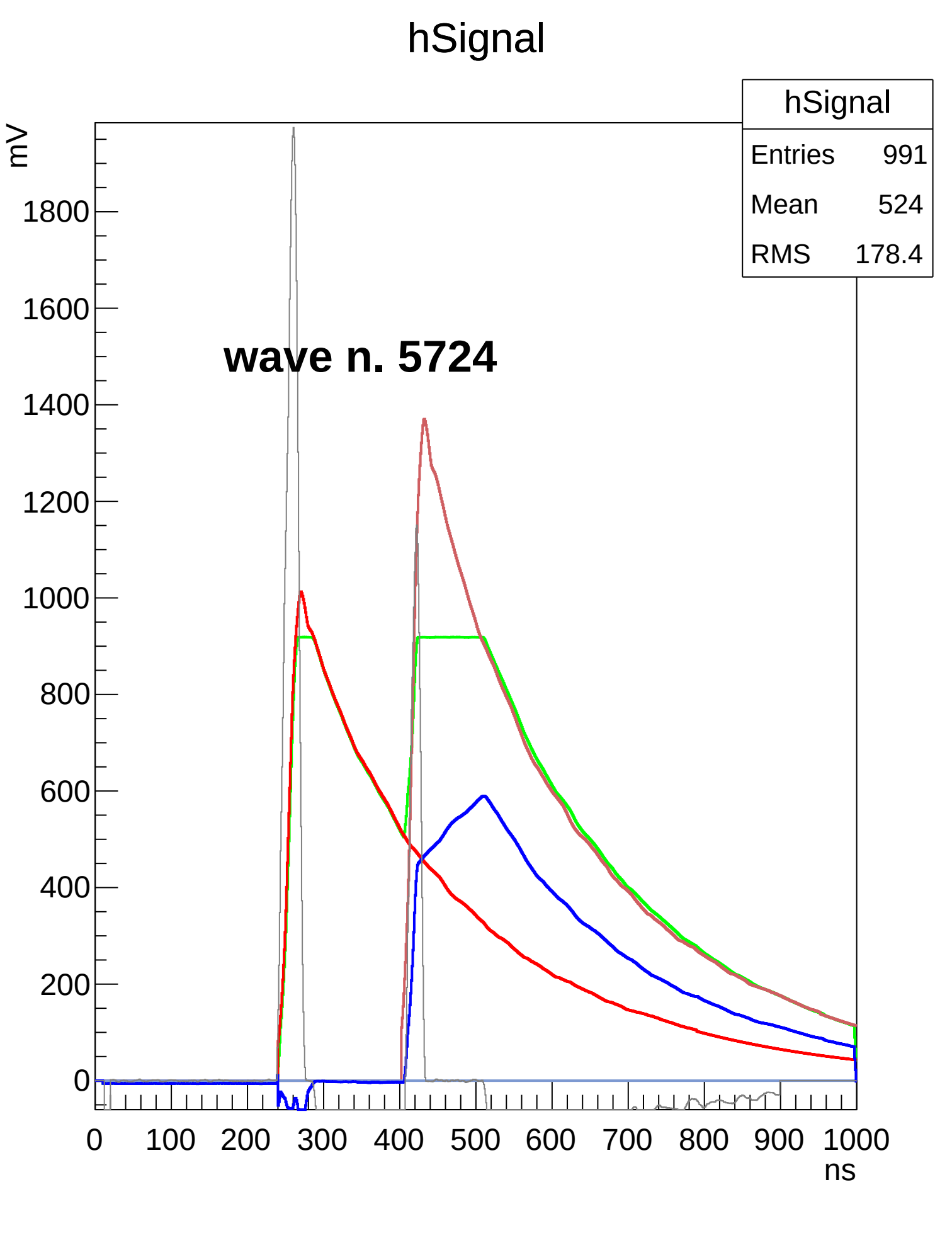
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hSignal
Entries 991
Mean 524
RMS 178.4
wave n. 5724
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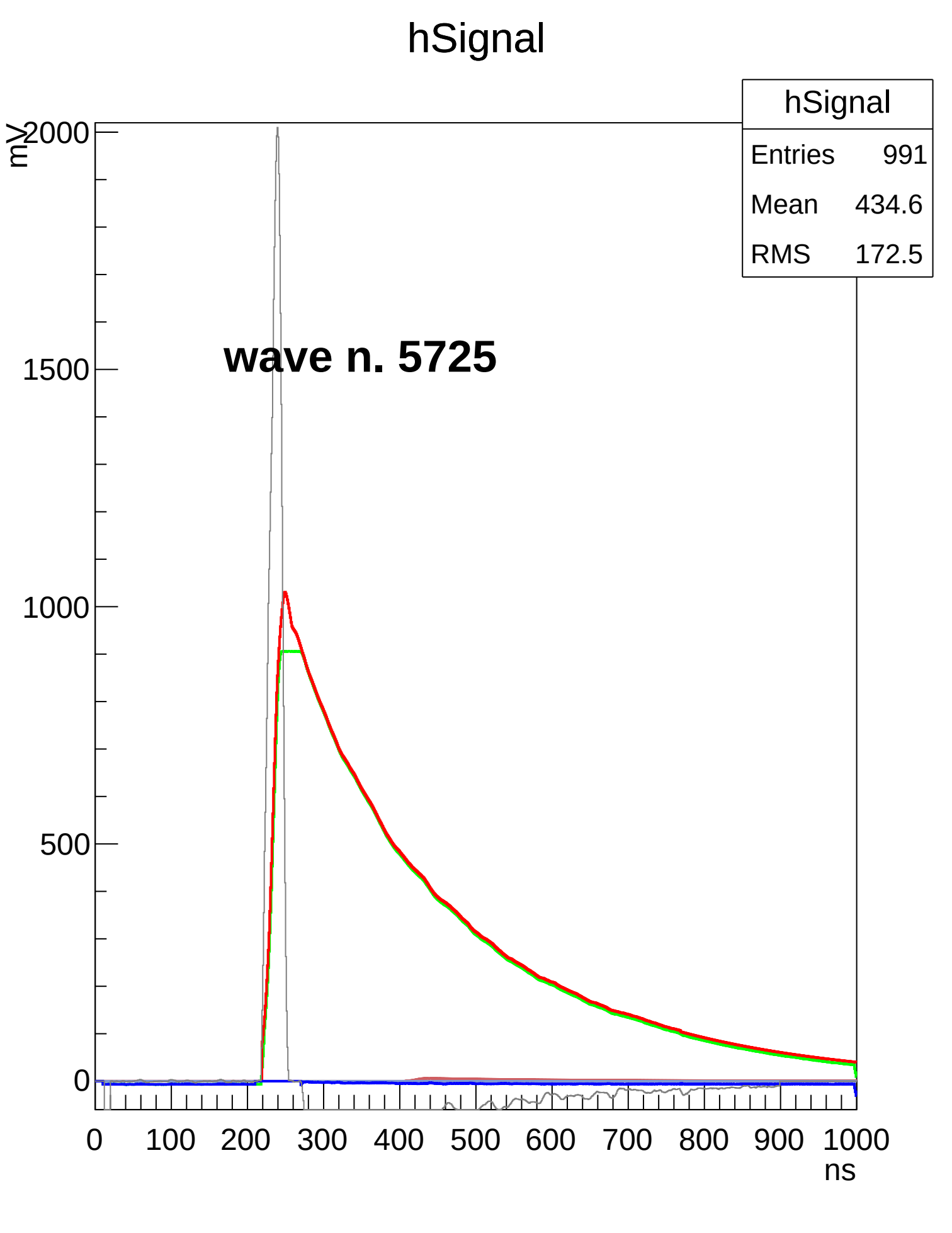
ns


hSignal
hSignal
Entries 991
Mean 434.6
RMS 172.5
wave n. 5725
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800
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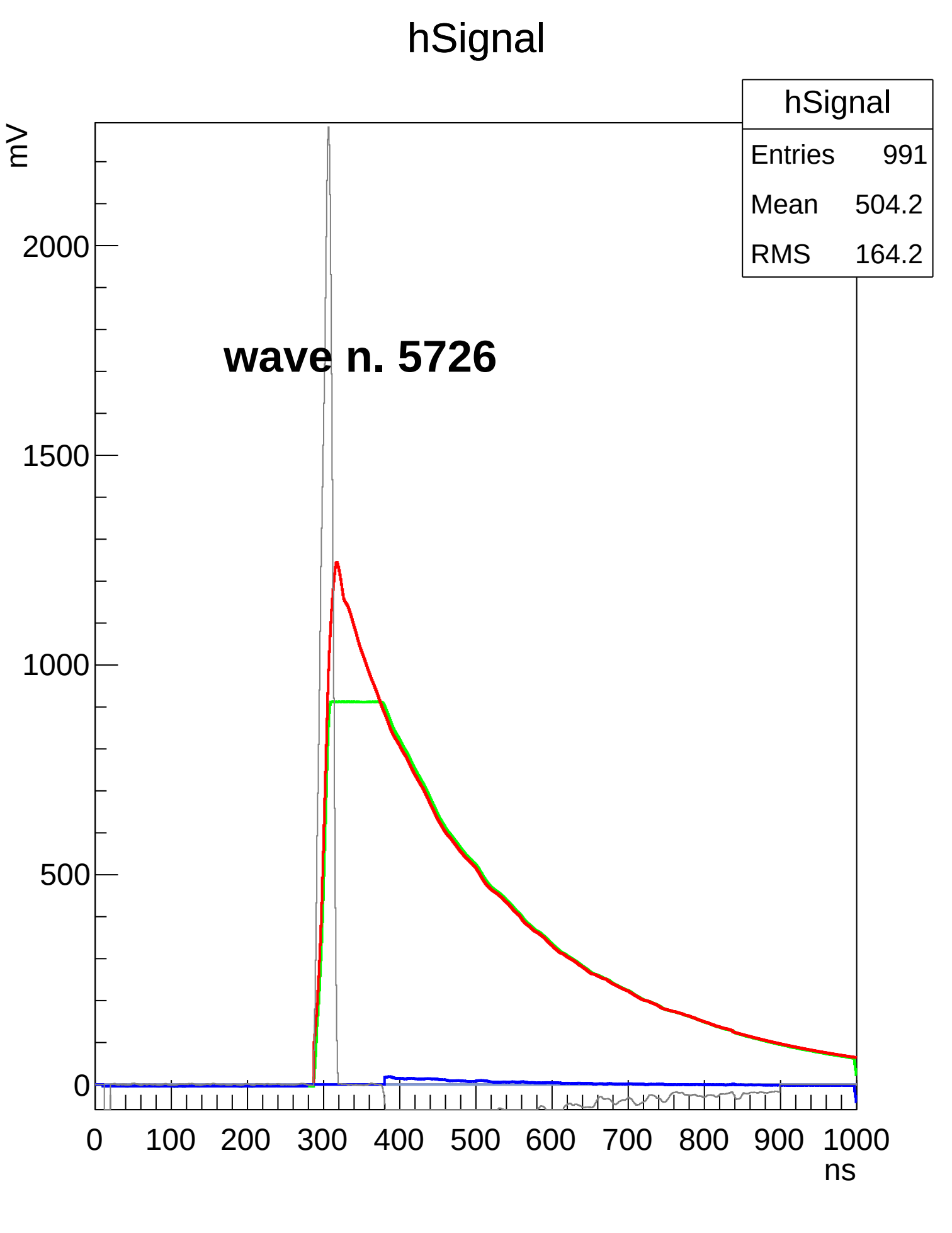
1000
ns


hSignal
hSignal
Entries 991
Mean 504.2
RMS 164.2
wave n. 5726
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800
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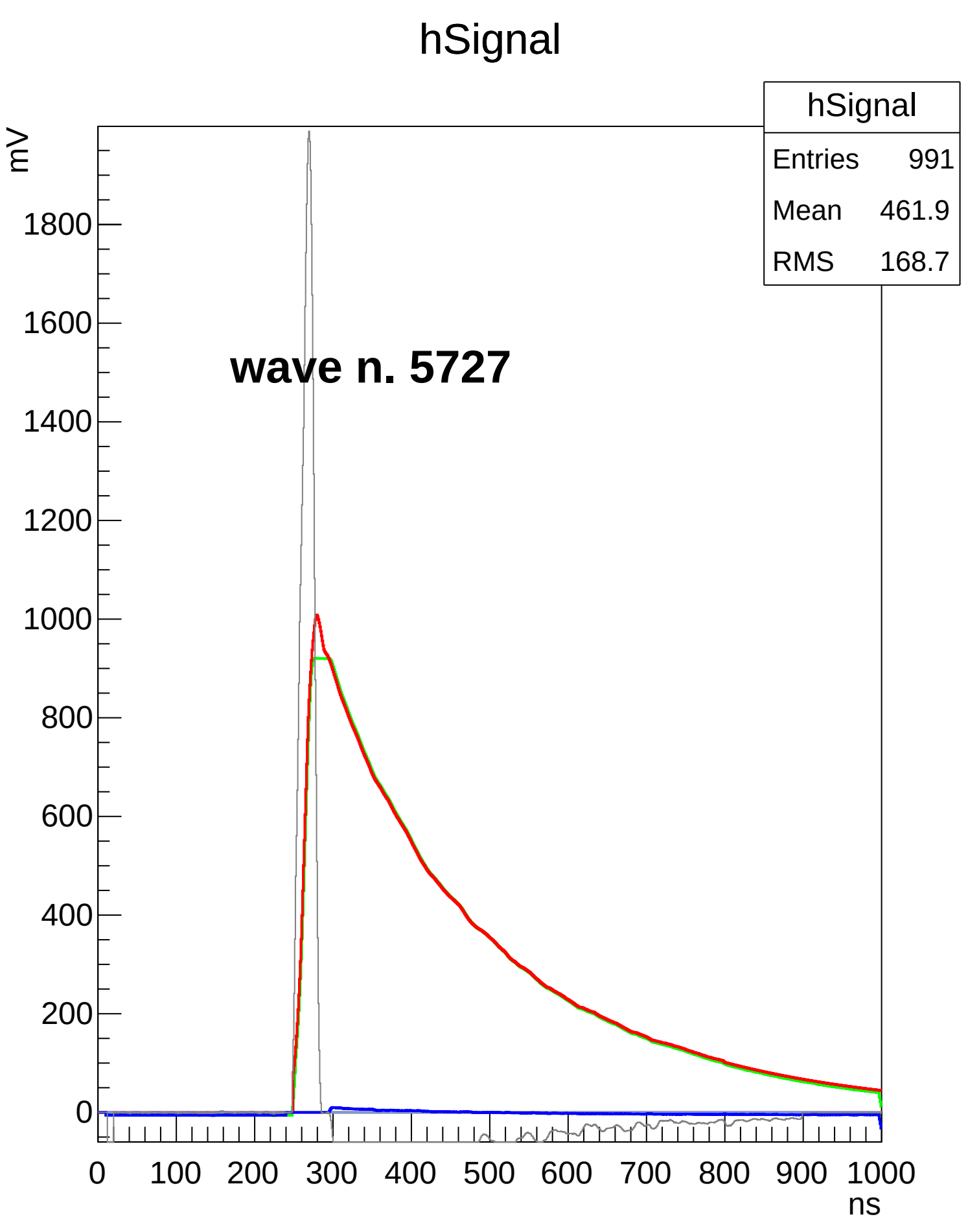
hSignal
hSignal
Entries 991
Mean 461.9
RMS 168.7
wave n. 5727
mV
1800
1600
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1000
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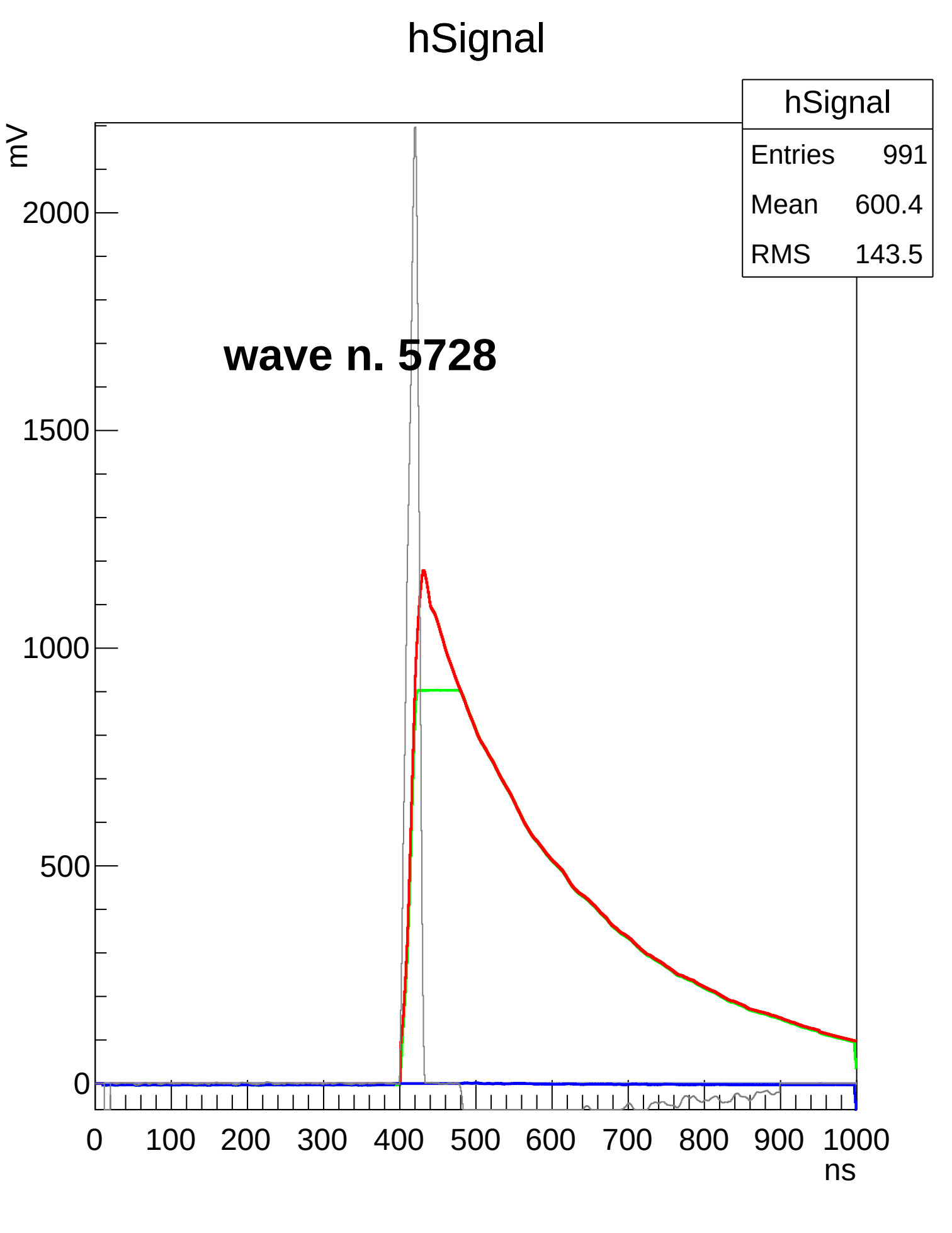
hSignal
hSignal
Entries 991
Mean 600.4
RMS 143.5
wave n. 5728
mV
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1000
500
0
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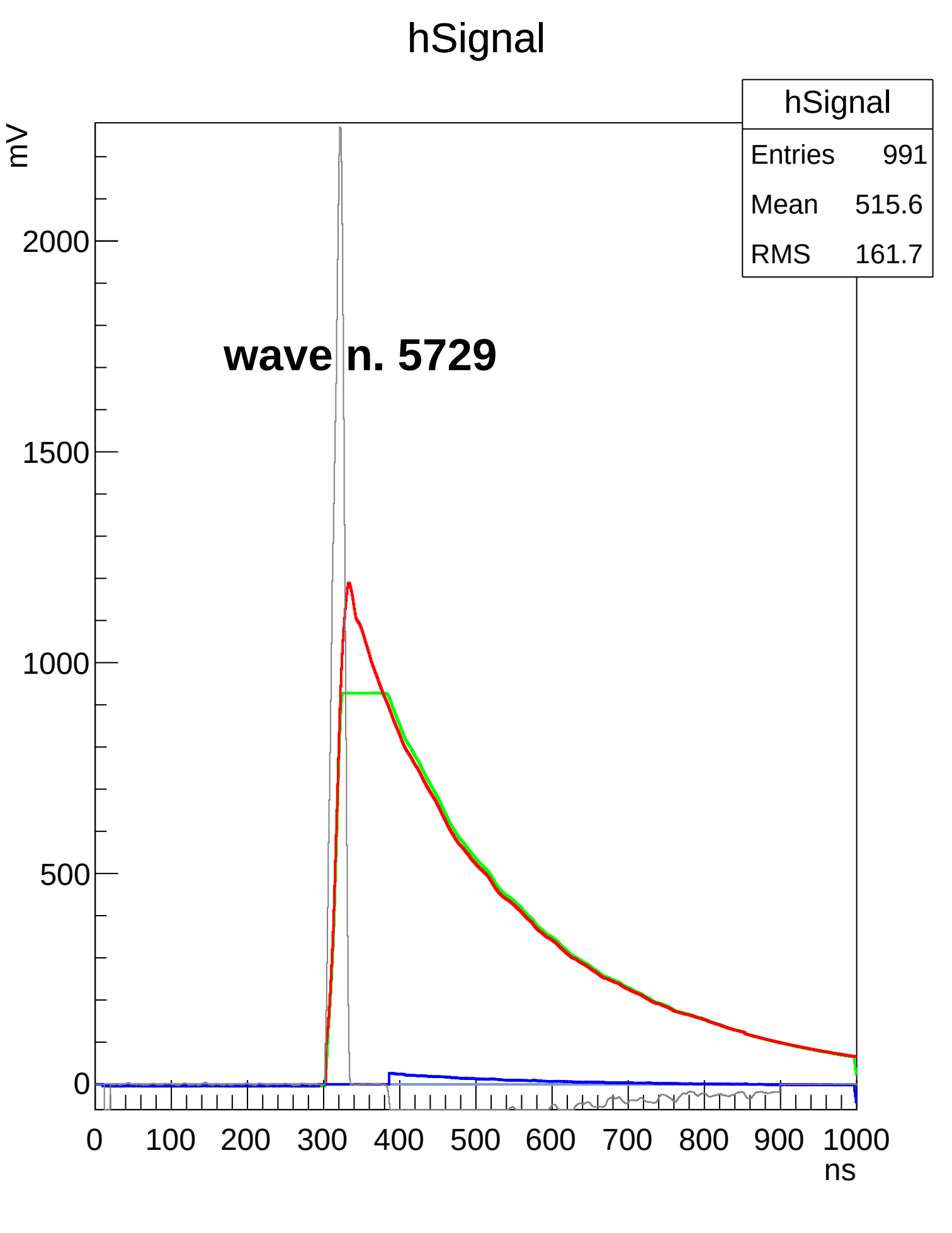
ns


hSignal
hSignal
Entries 991
Mean 515.6
RMS 161.7
wave n. 5729
mV
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1500
1000
500
0
0
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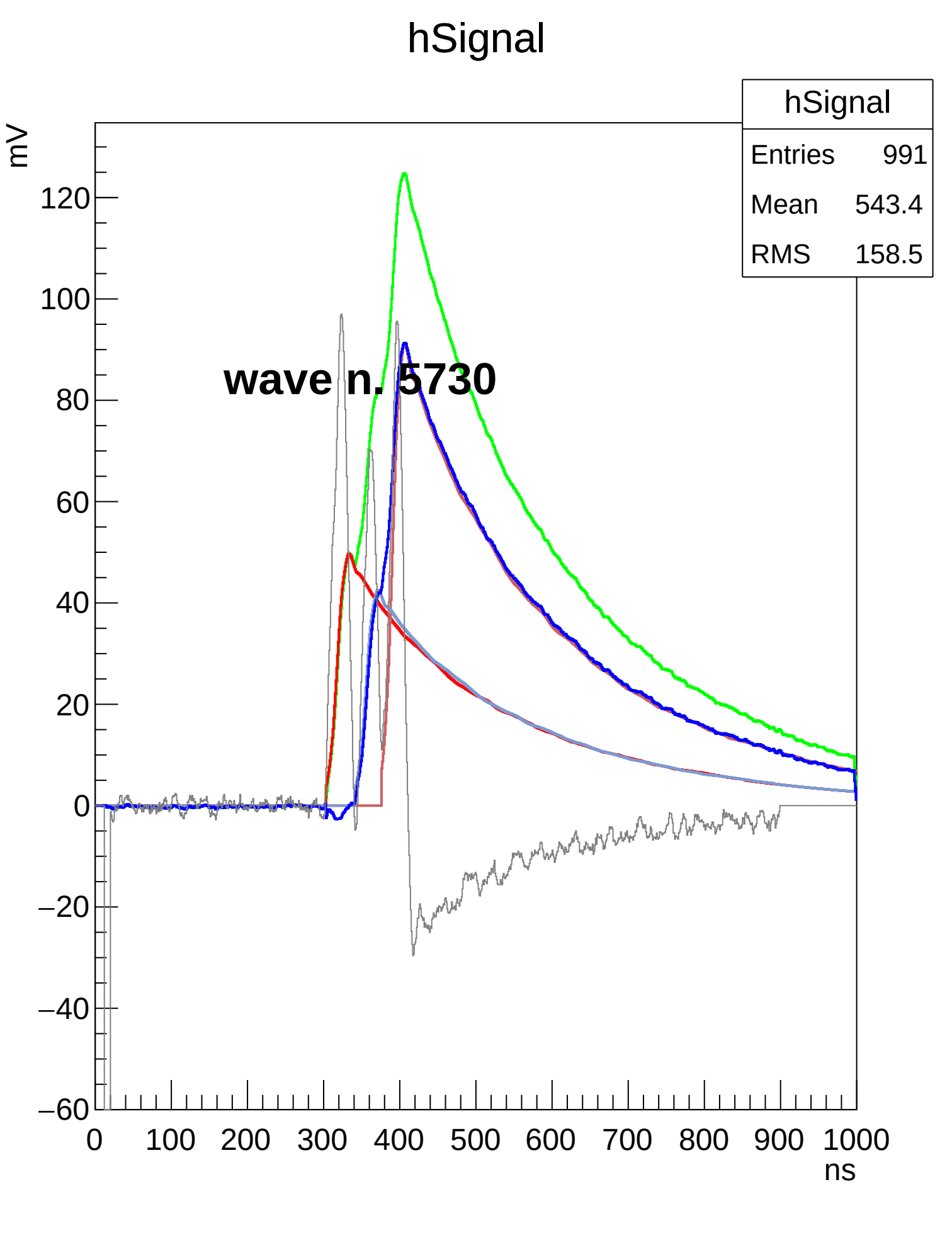
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 543.4
RMS 158.5
wave n. 5730
mV
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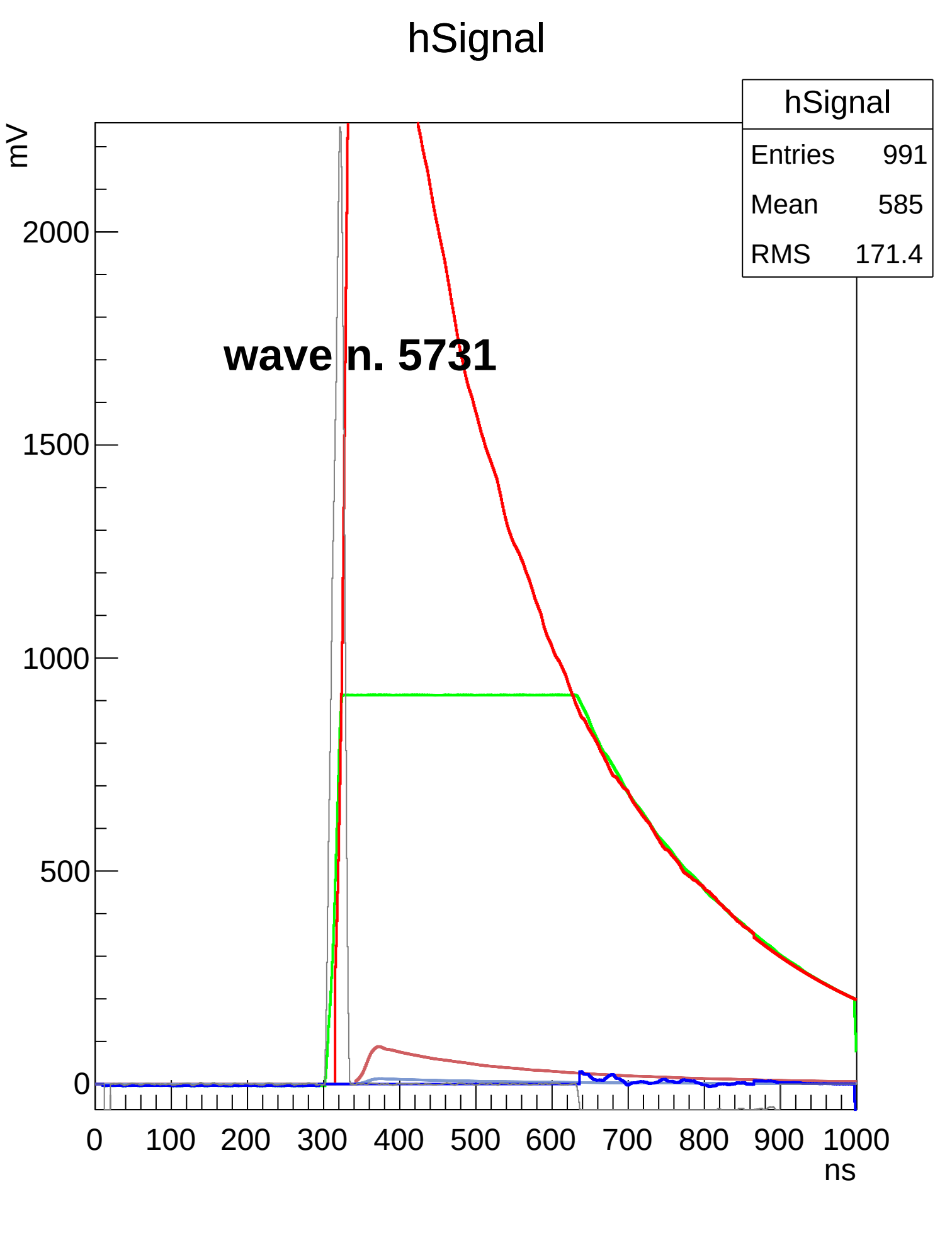
hSignal
hSignal
Entries 991
Mean 585
RMS 171.4
wave n. 5731
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1000
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0
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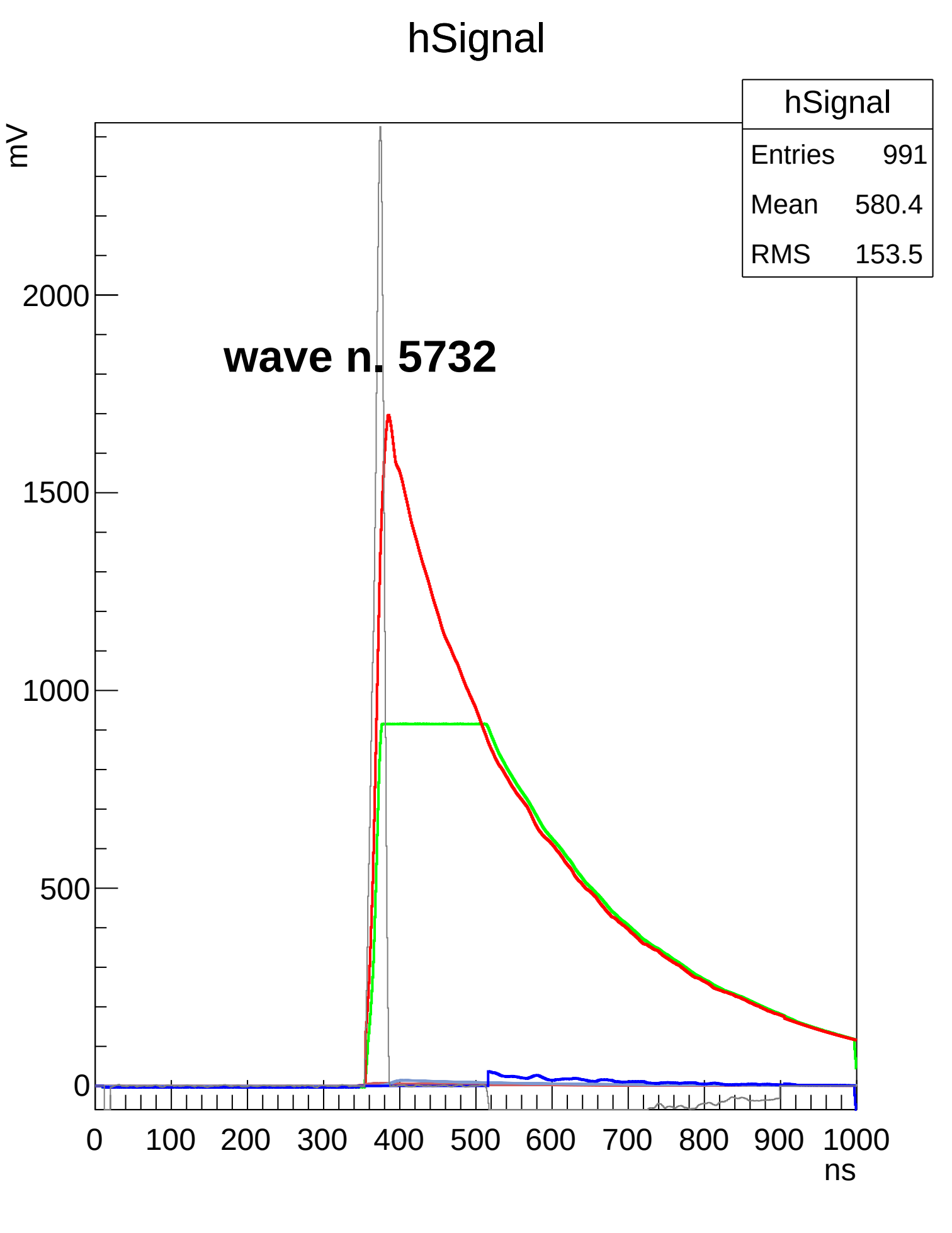
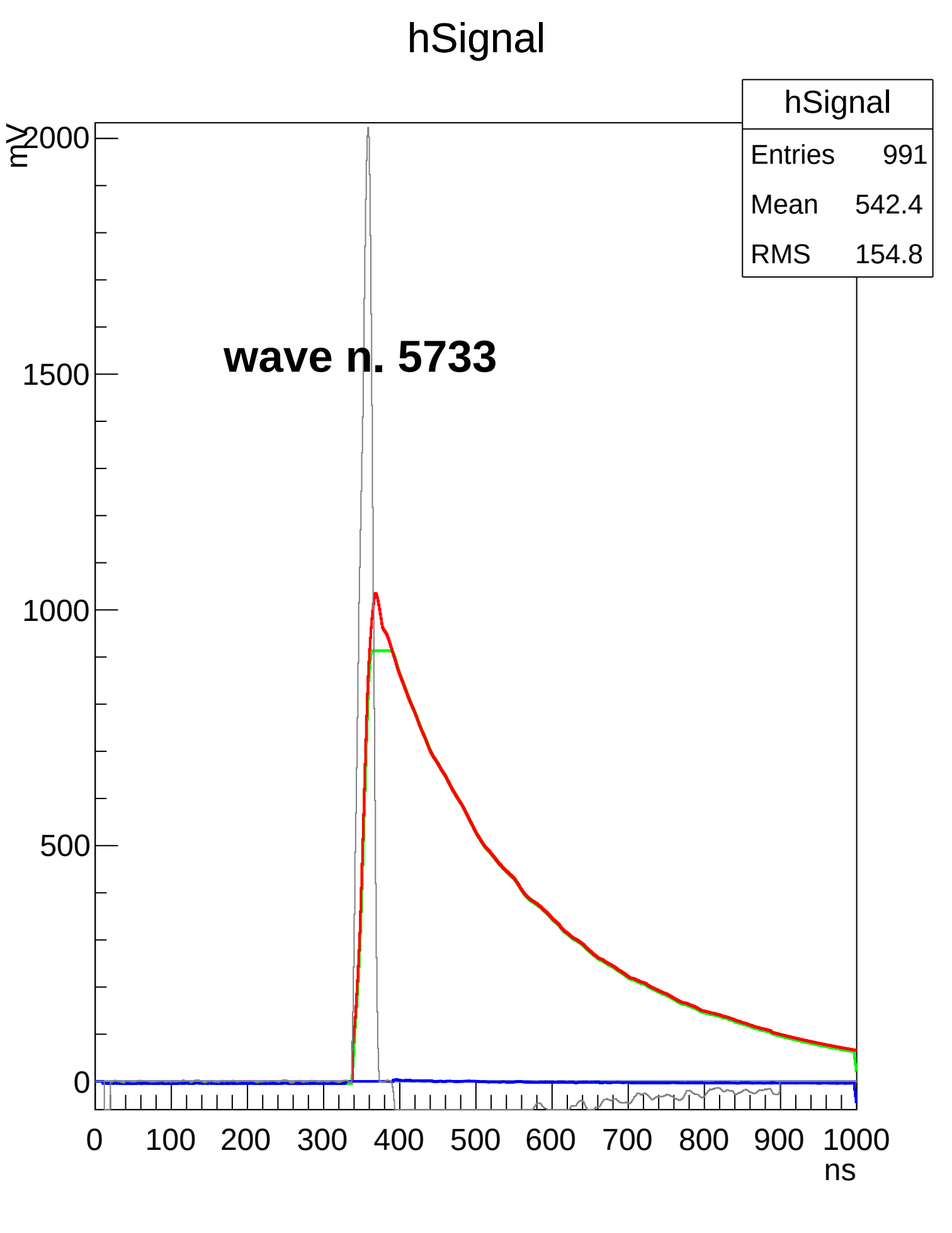
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 580.4
RMS 153.5
wave n. 5732
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 542.4
RMS 154.8
wave n. 5733
mV
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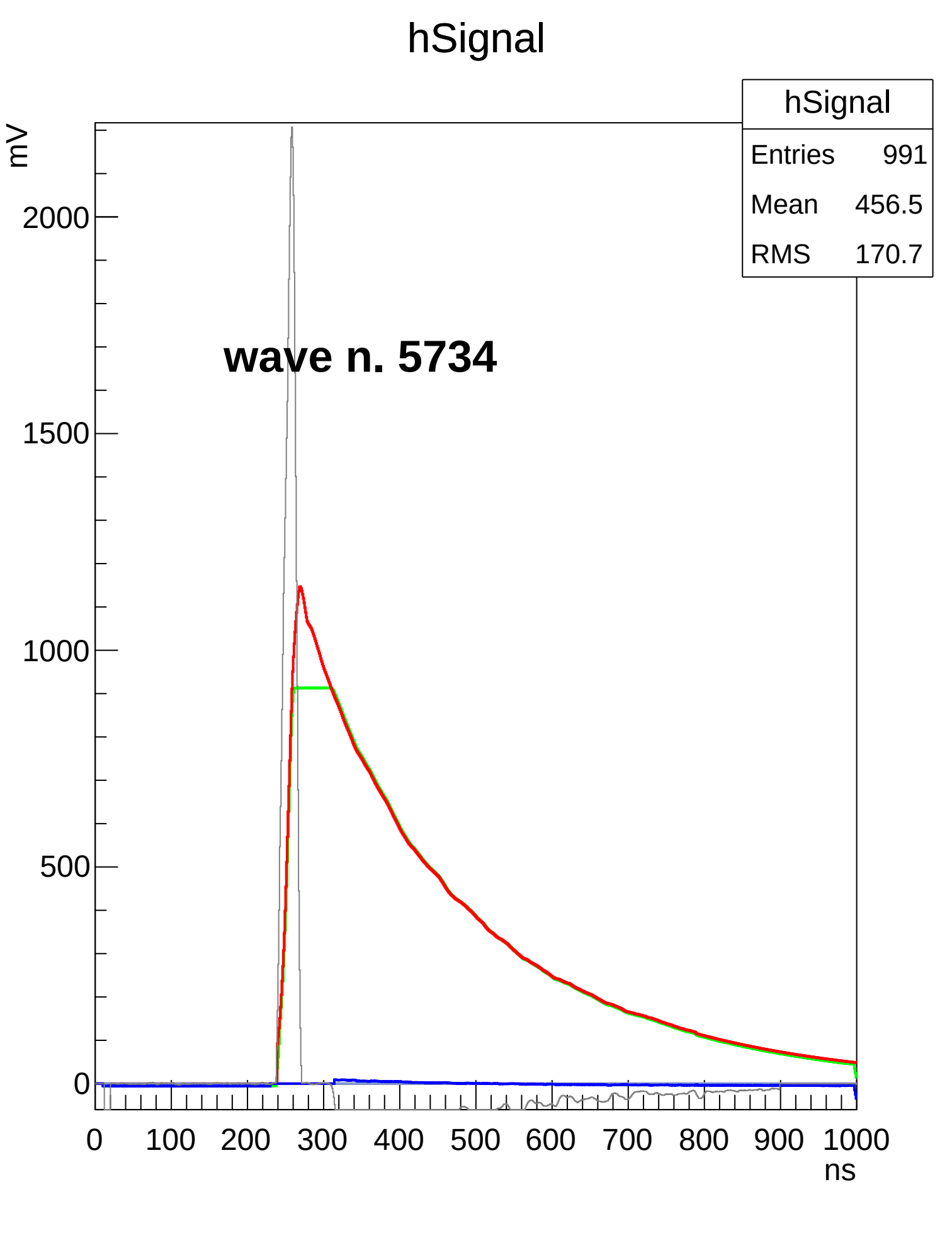
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 456.5
RMS 170.7
wave n. 5734
mV
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1500
1000
500
0
0
100
200
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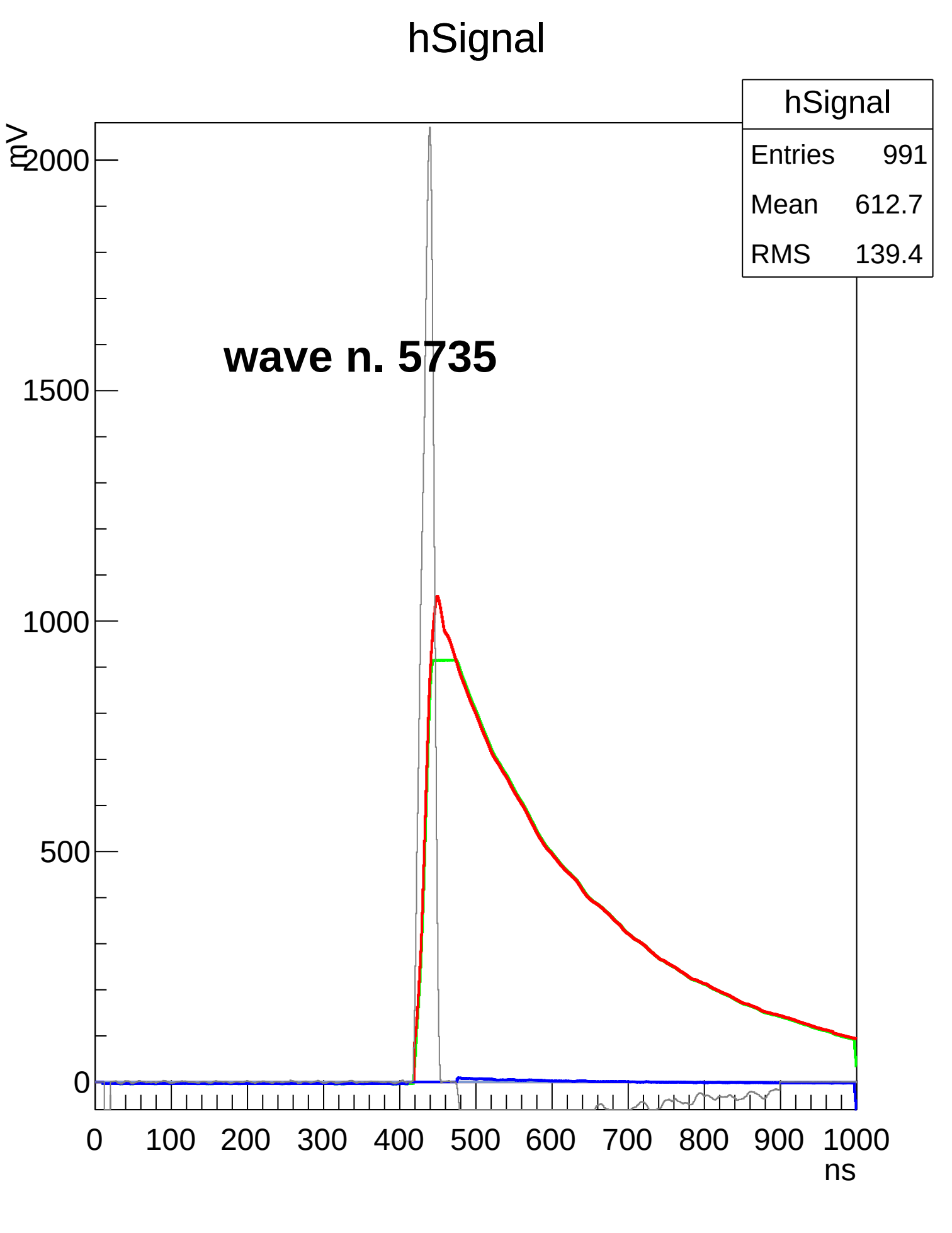
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 612.7
RMS 139.4
wave n. 5735
mV
2000
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1000
500
0
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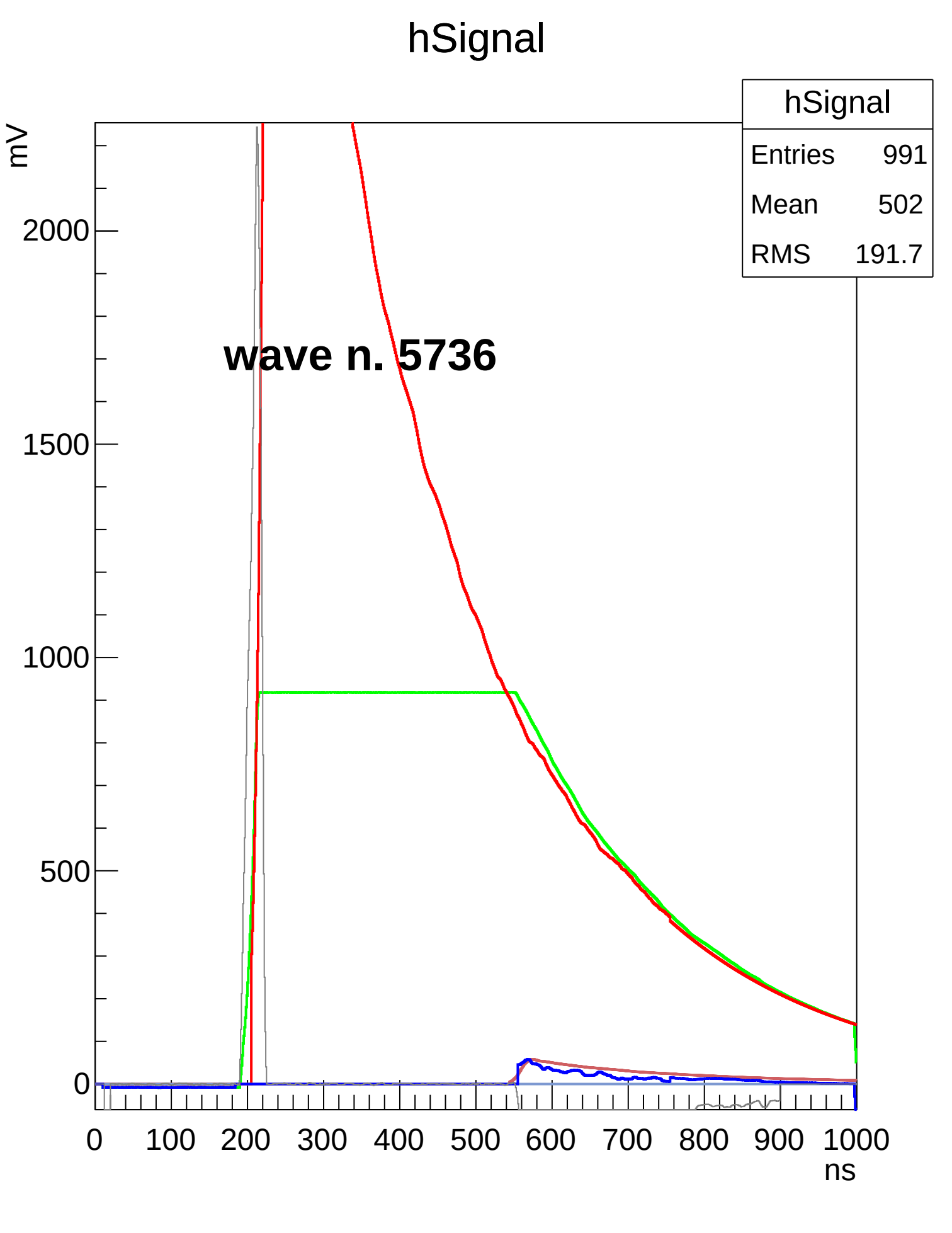
ns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Entries 991
Mean 502
RMS 191.7
wave n. 5736
mV
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1500
1000
500
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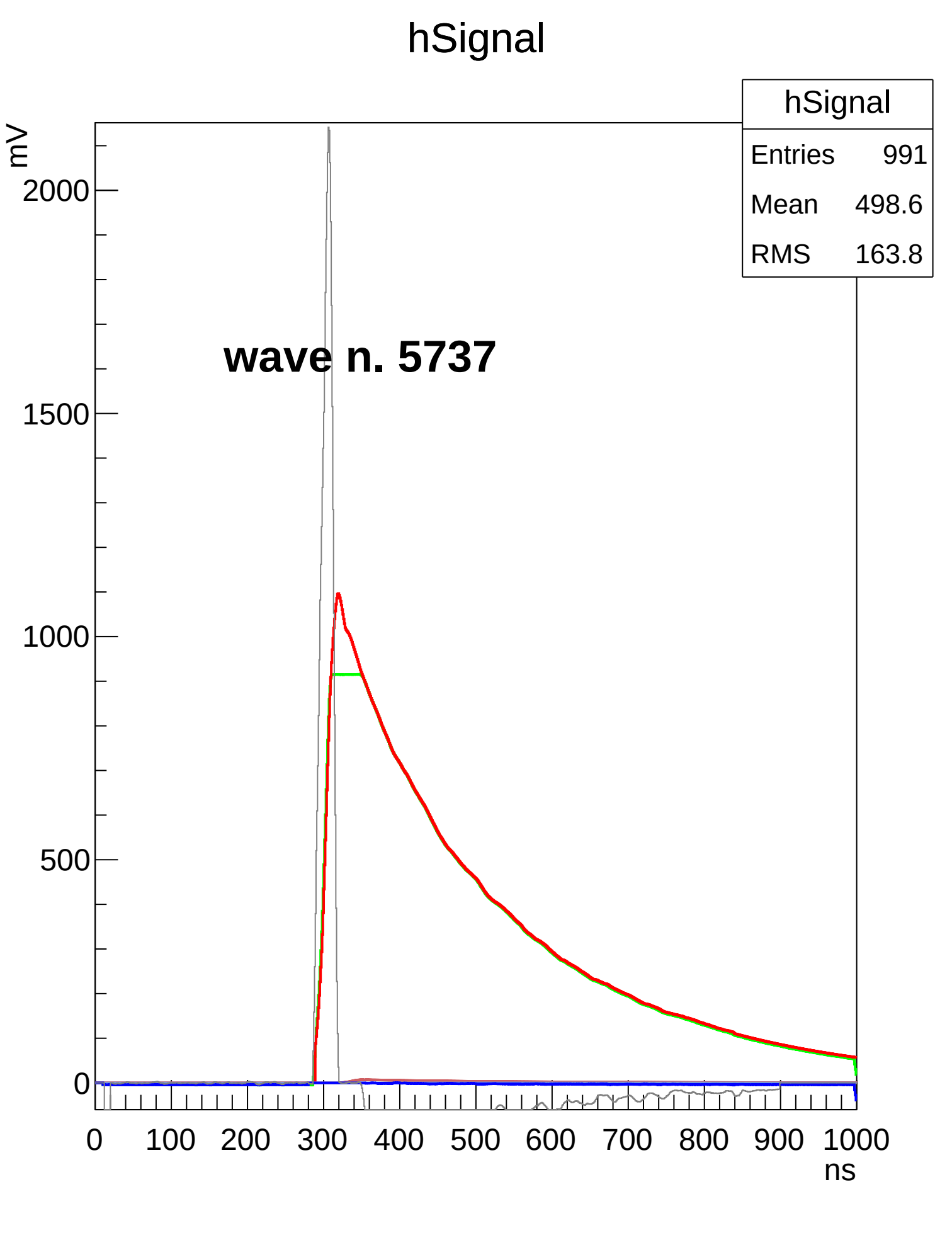
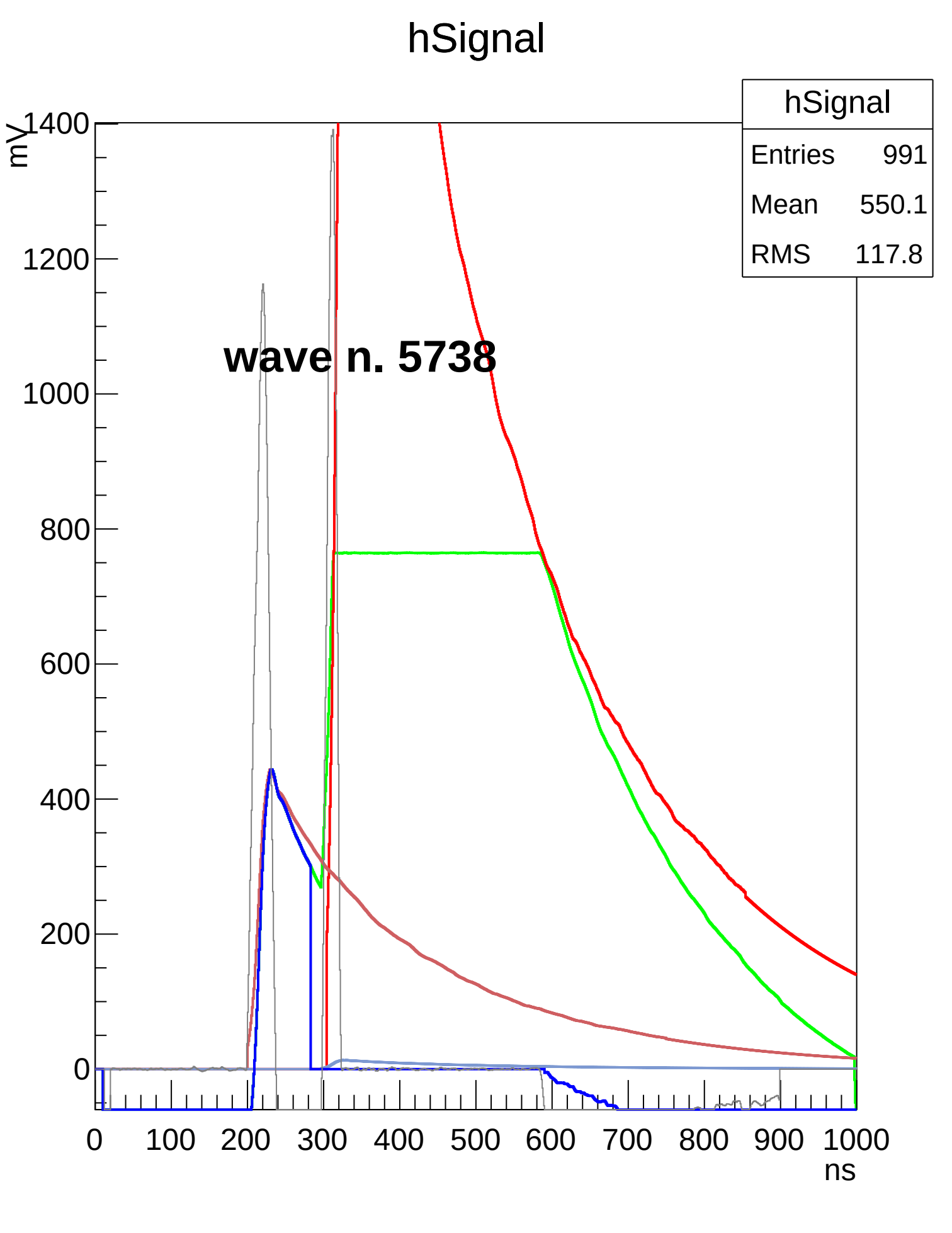
ns


hSignal
hSignal
Entries 991
Mean 498.6
RMS 163.8
wave n. 5737
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 550.1
RMS 117.8
wave n. 5738
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
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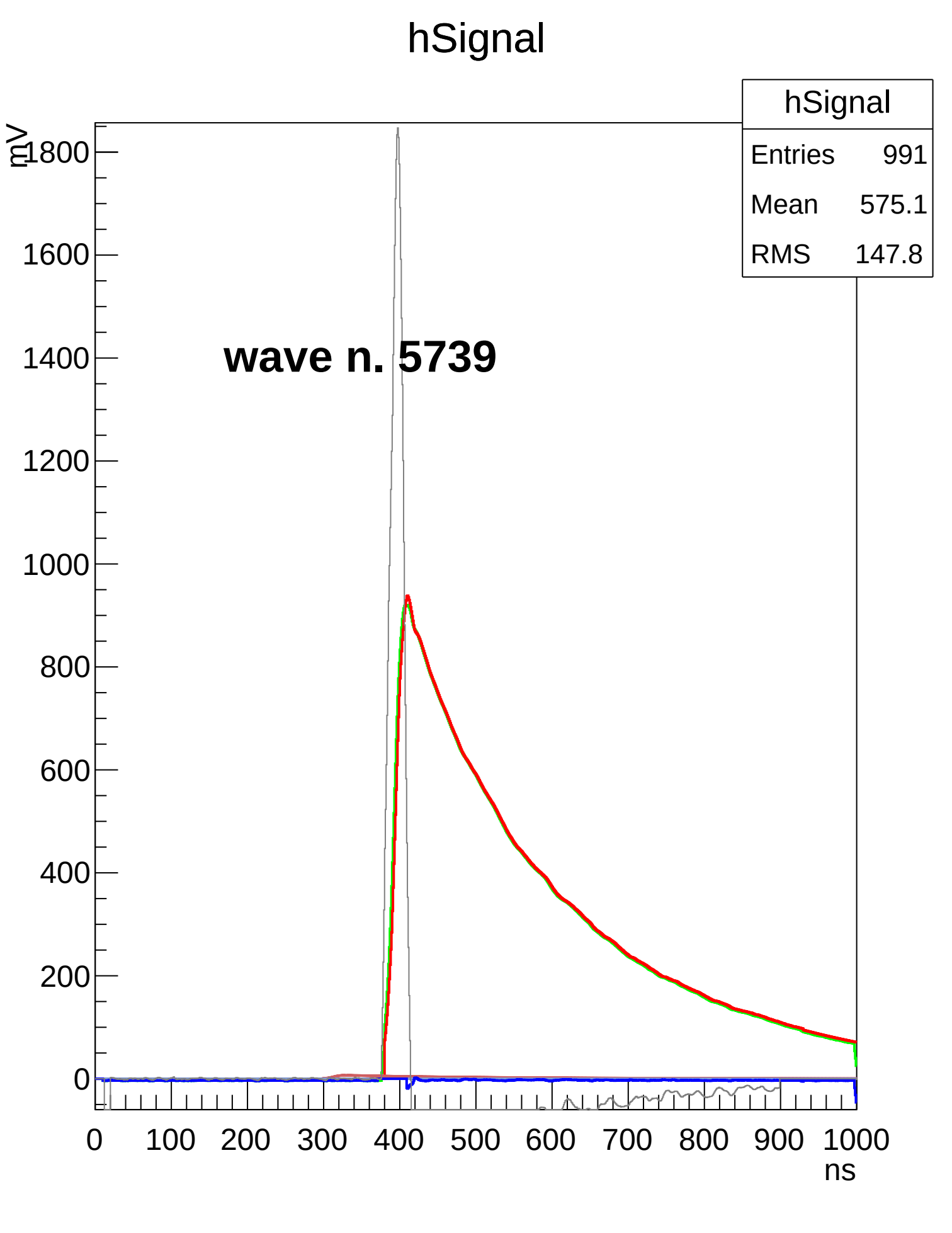
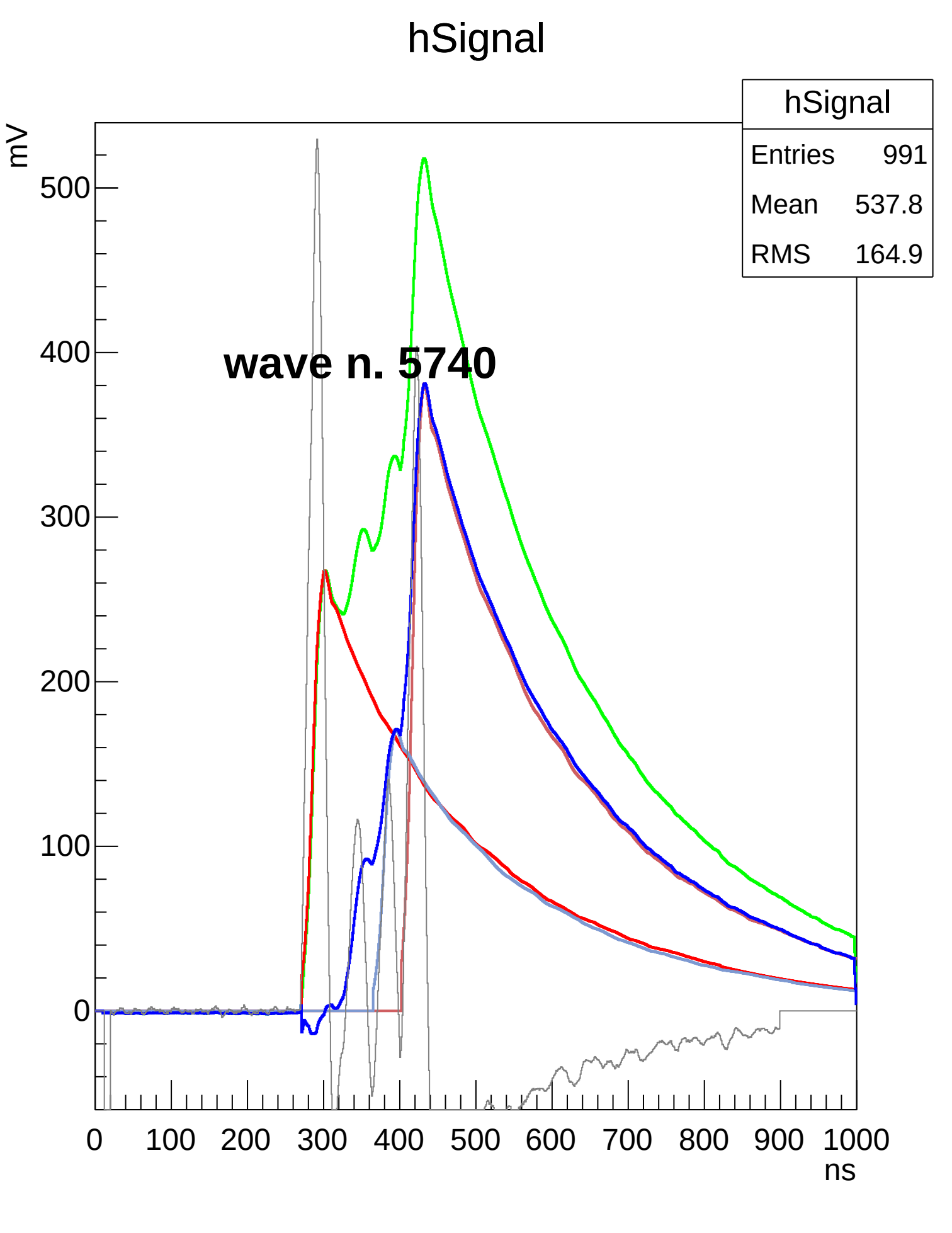
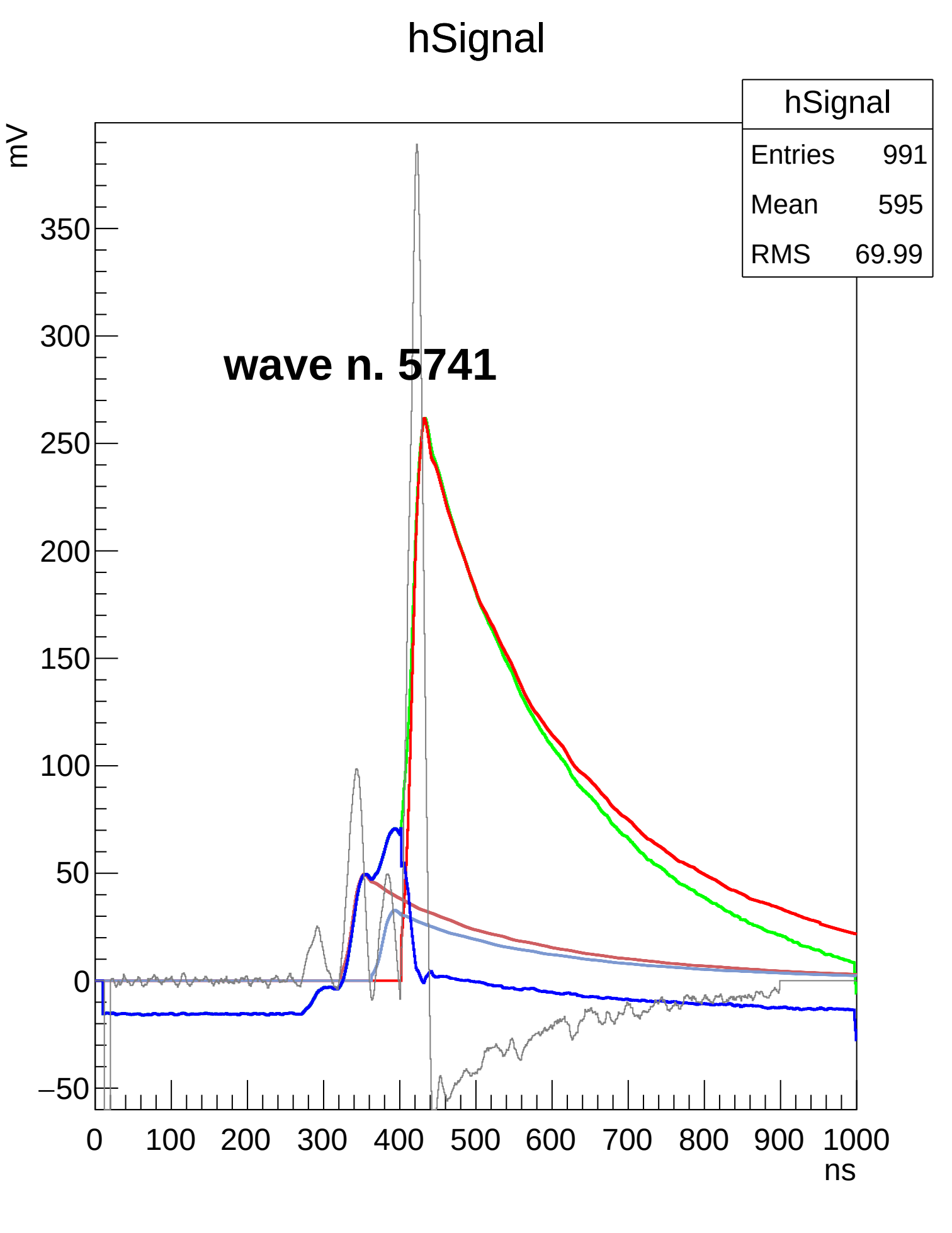
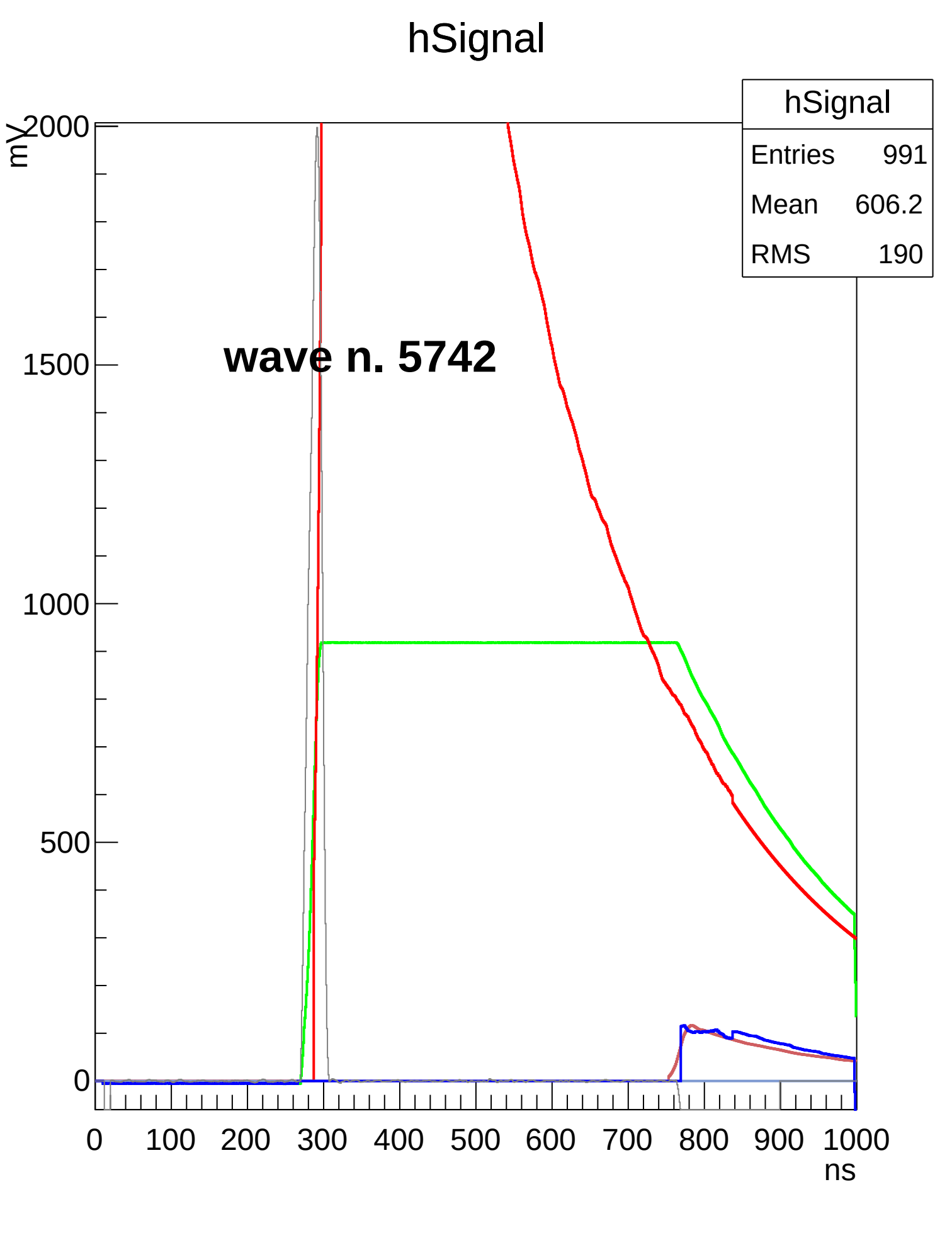
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 575.1
RMS 147.8
wave n. 5739
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 537.8
RMS 164.9
wave n. 5740
mV
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 595
RMS 69.99
wave n. 5741
mV
350
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 606.2
RMS 190
wave n. 5742
mV
2000
1500
1000
500
0
0
100
200
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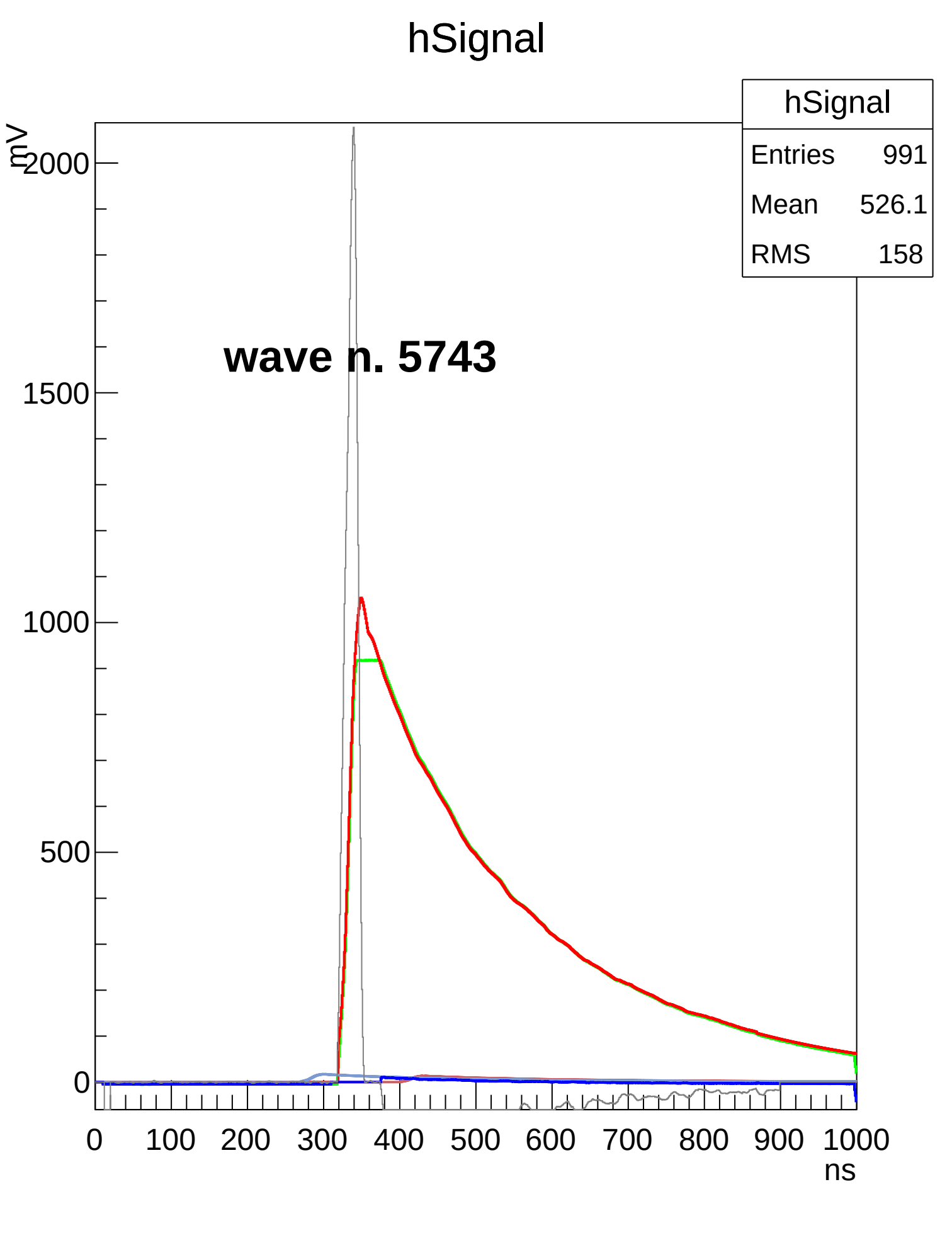
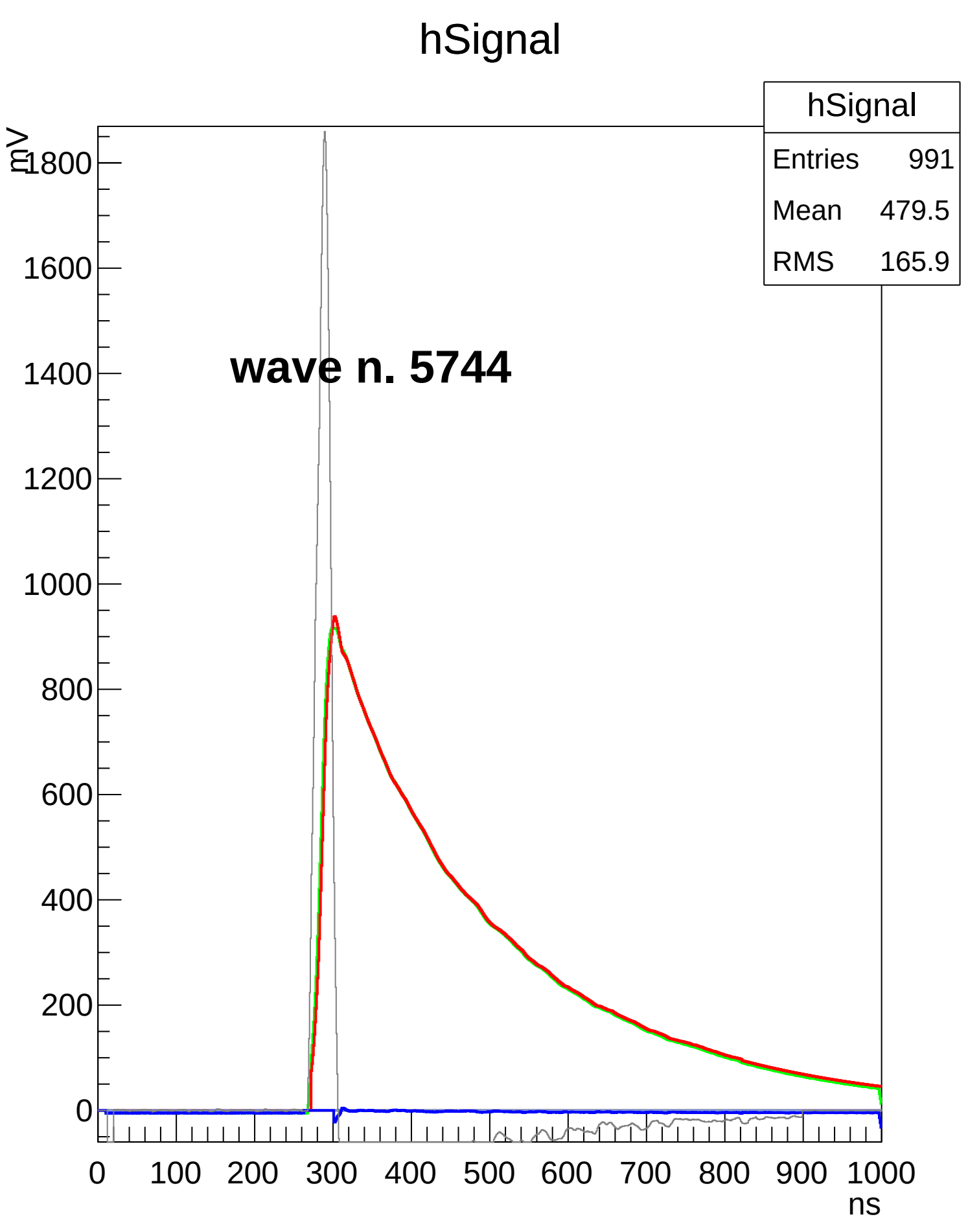
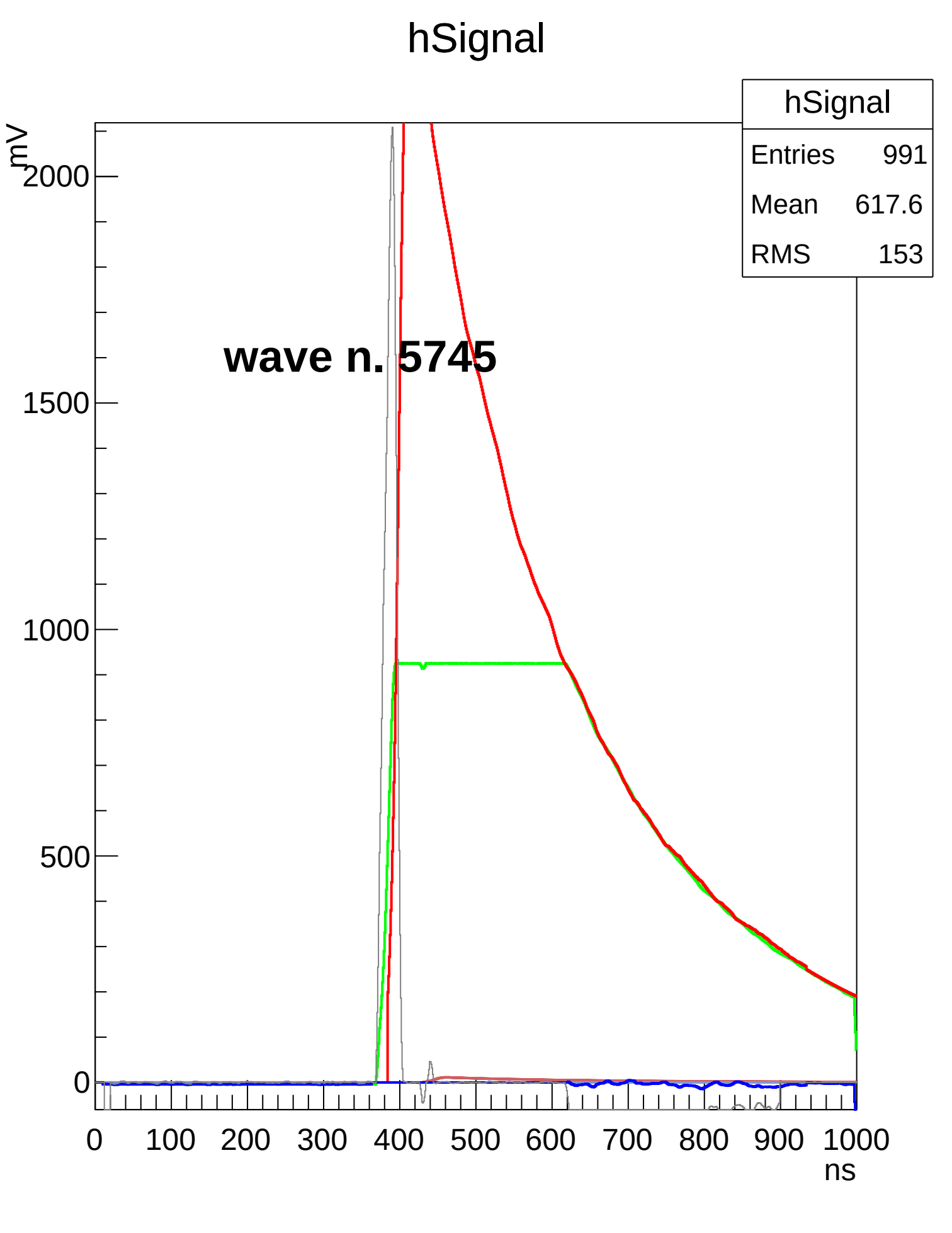
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 526.1
RMS 158
wave n. 5743
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 479.5
RMS 165.9
wave n. 5744
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 617.6
RMS 153
wave n. 5745
mV
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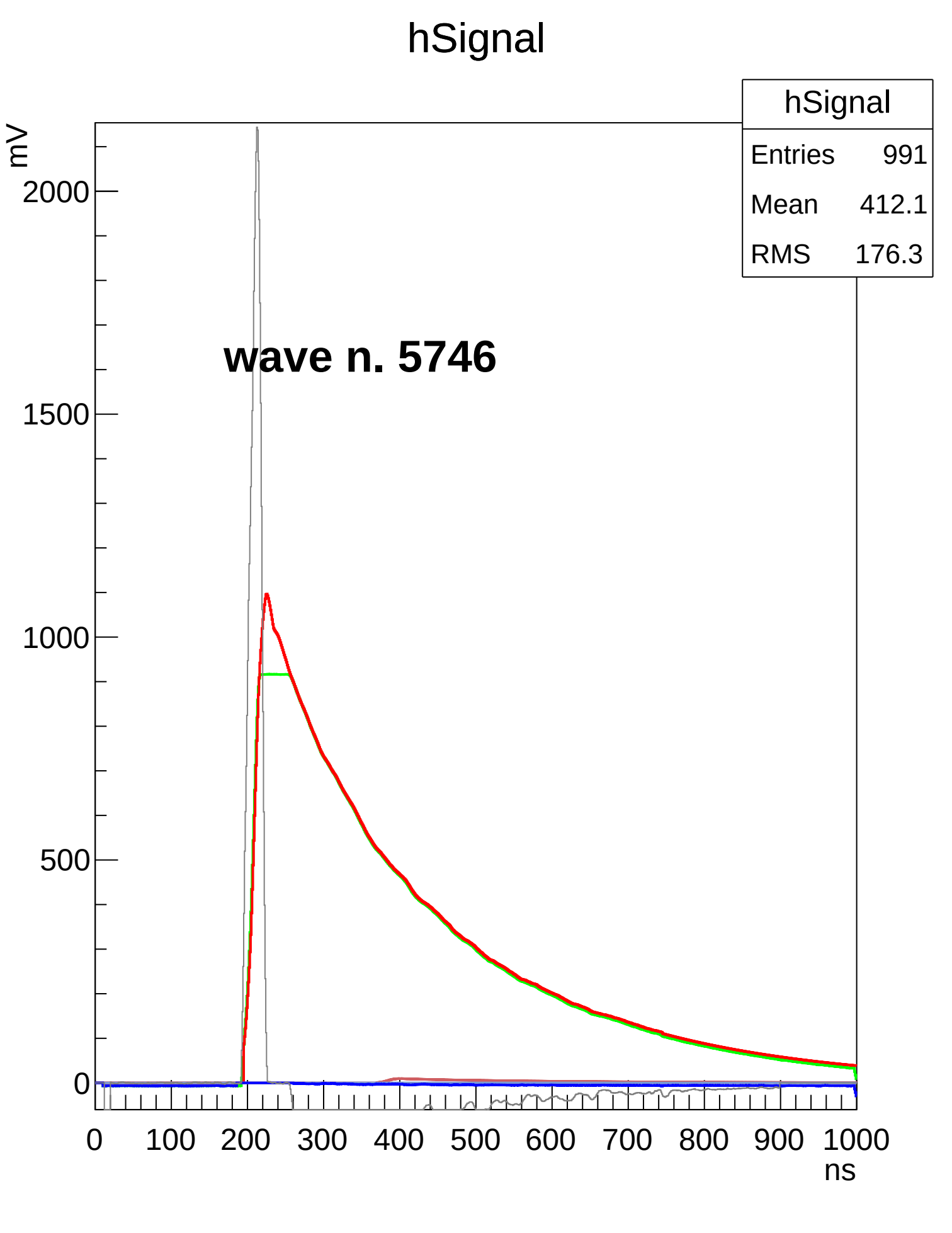
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 412.1
RMS 176.3
wave n. 5746
mV
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1500
1000
500
0
0
100
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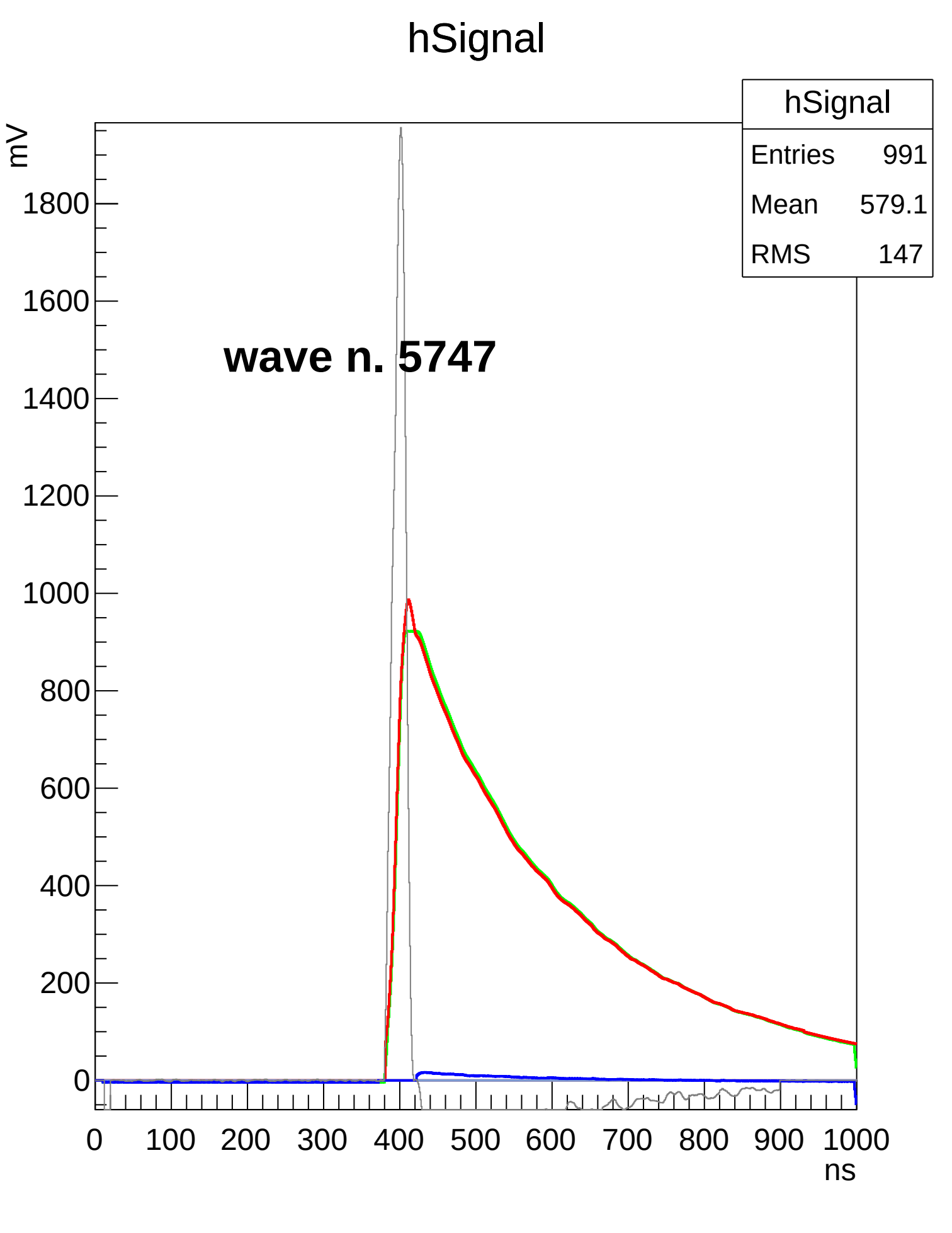
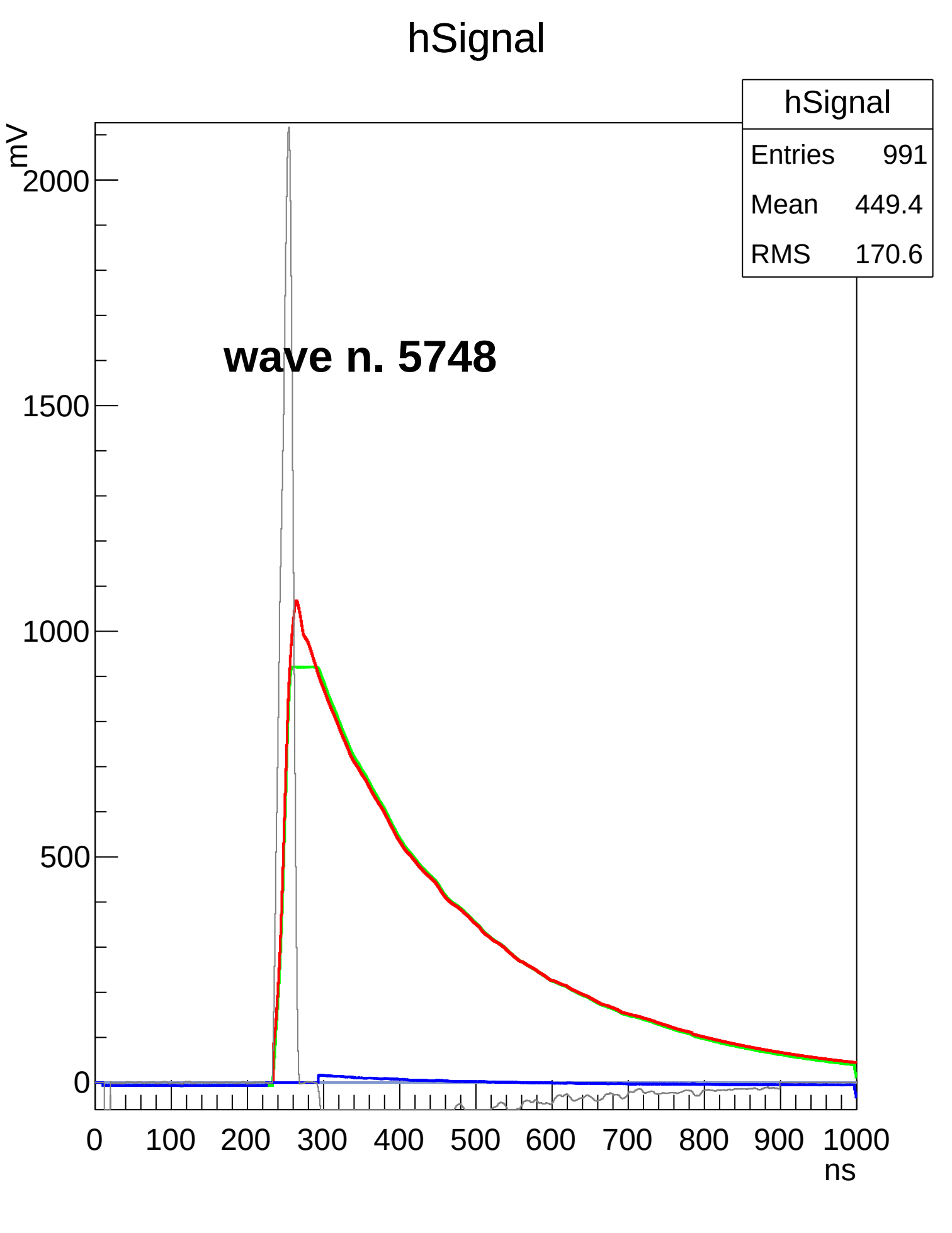
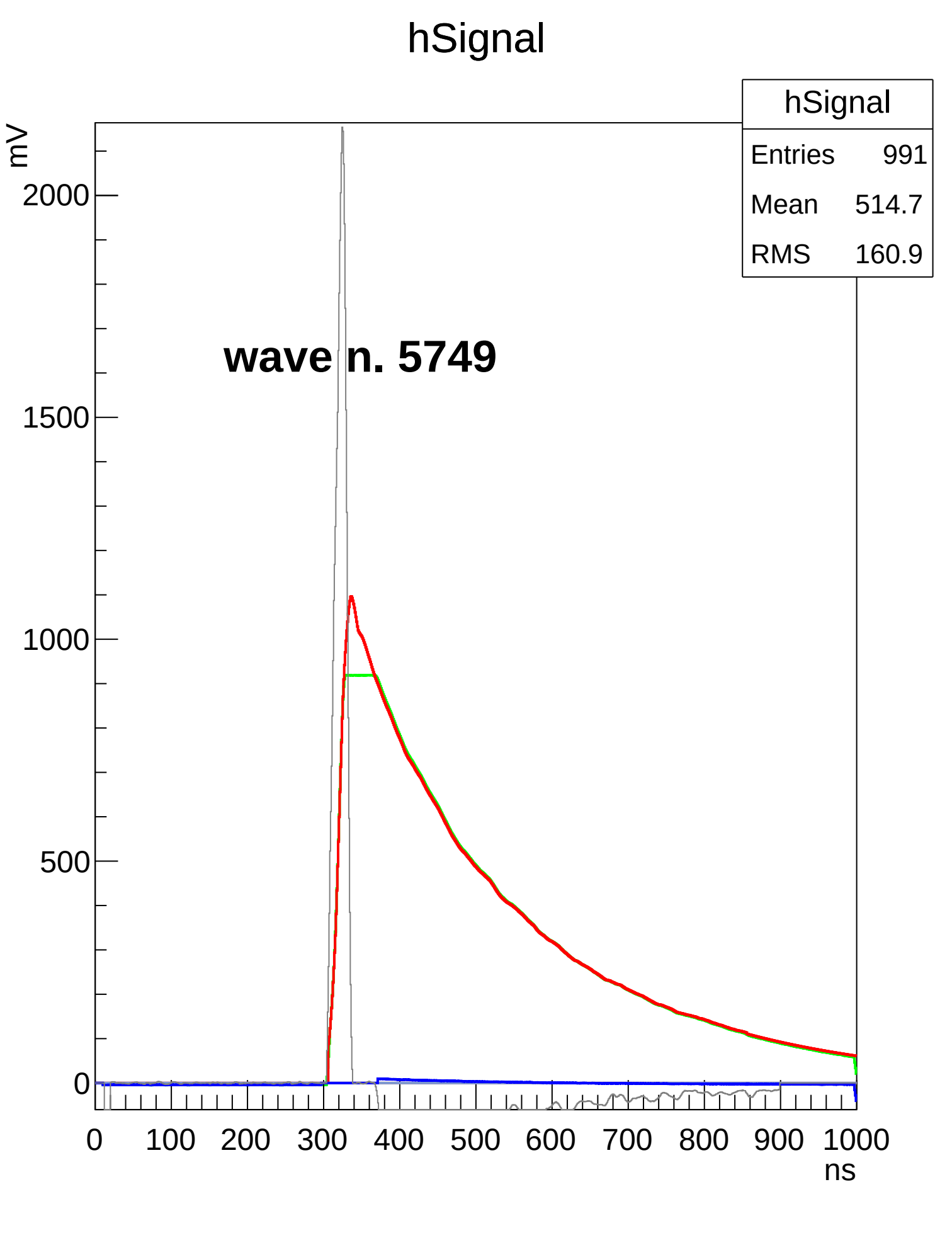
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 579.1
RMS 147
wave n. 5747
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 449.4
RMS 170.6
wave n. 5748
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns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hSignal
Entries 991
Mean 514.7
RMS 160.9
wave n. 5749
mV
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1000
500
0
0
100
200
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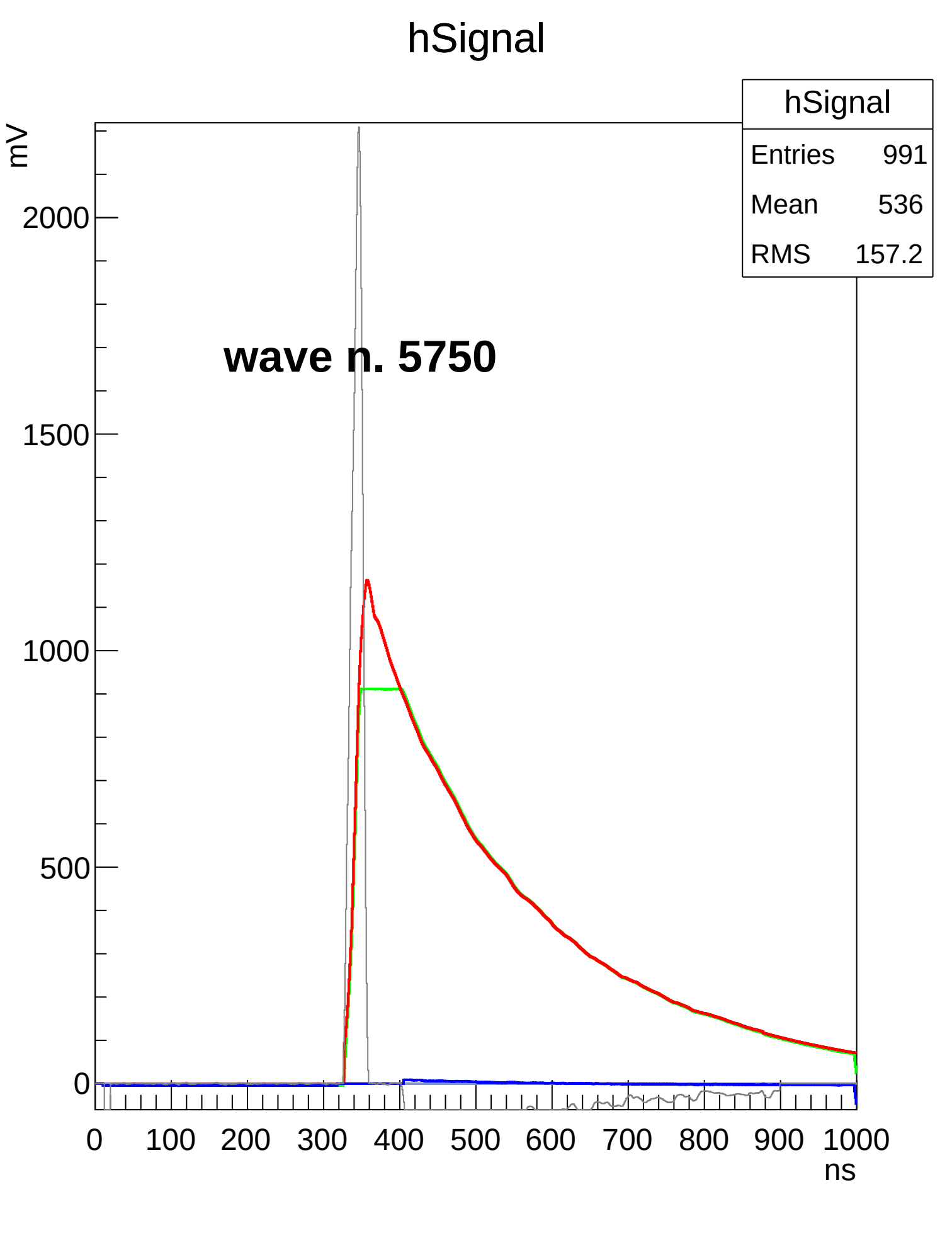
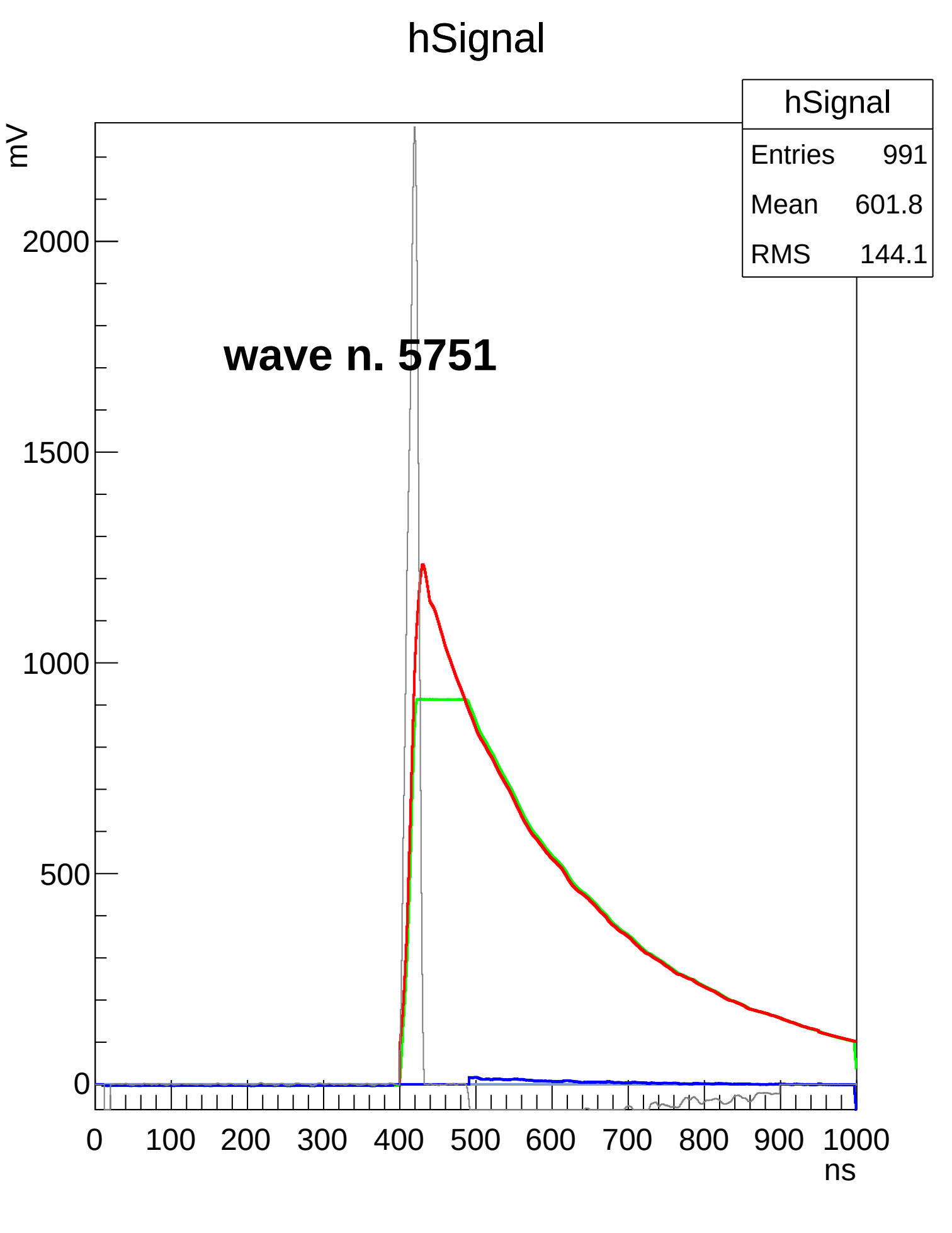
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 536
RMS 157.2
wave n. 5750
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 601.8
RMS 144.1
wave n. 5751
mV
2000
1500
1000
500
0
0
100
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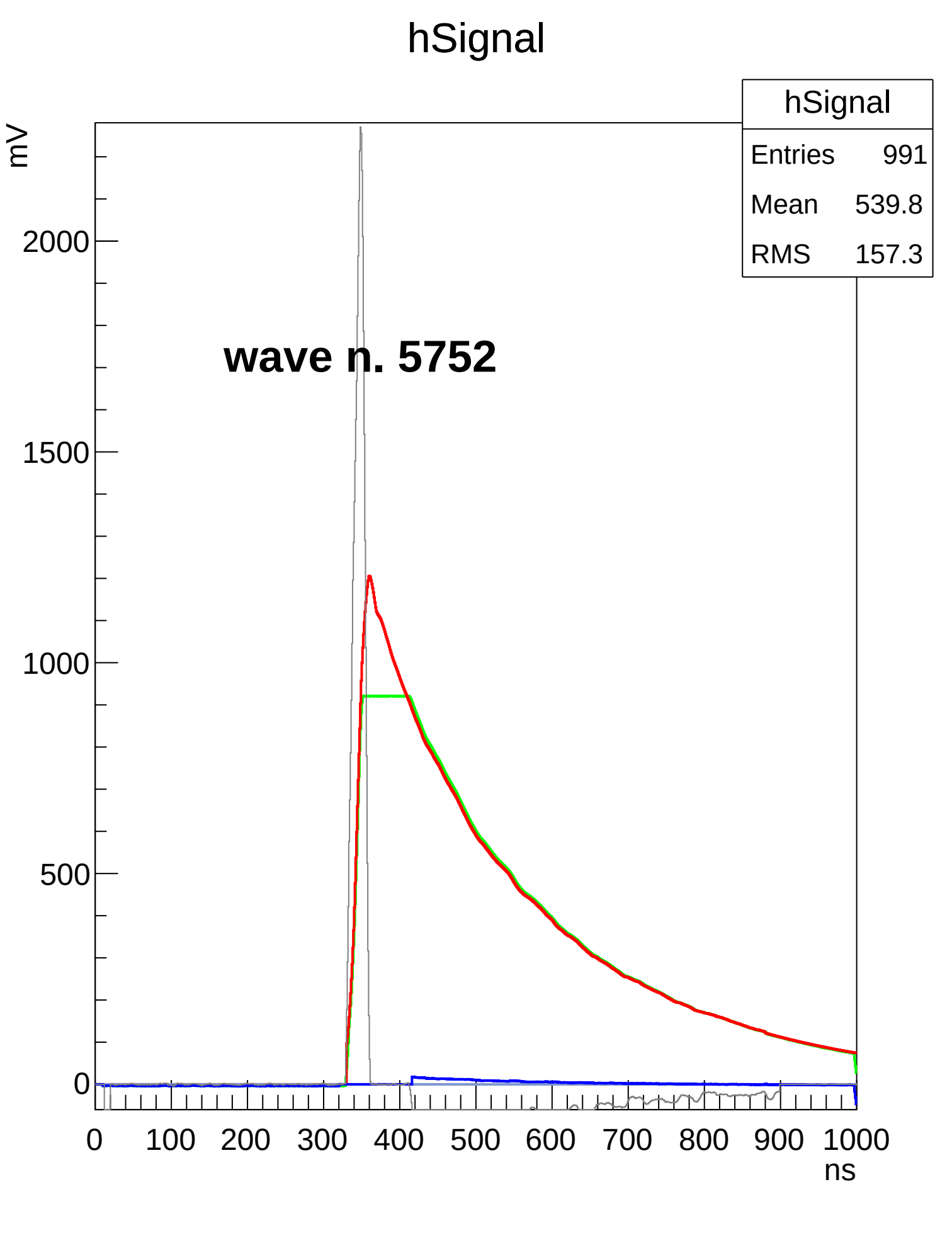
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.8
RMS 157.3
wave n. 5752
mV
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1000
500
0
0
100
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400
500
600
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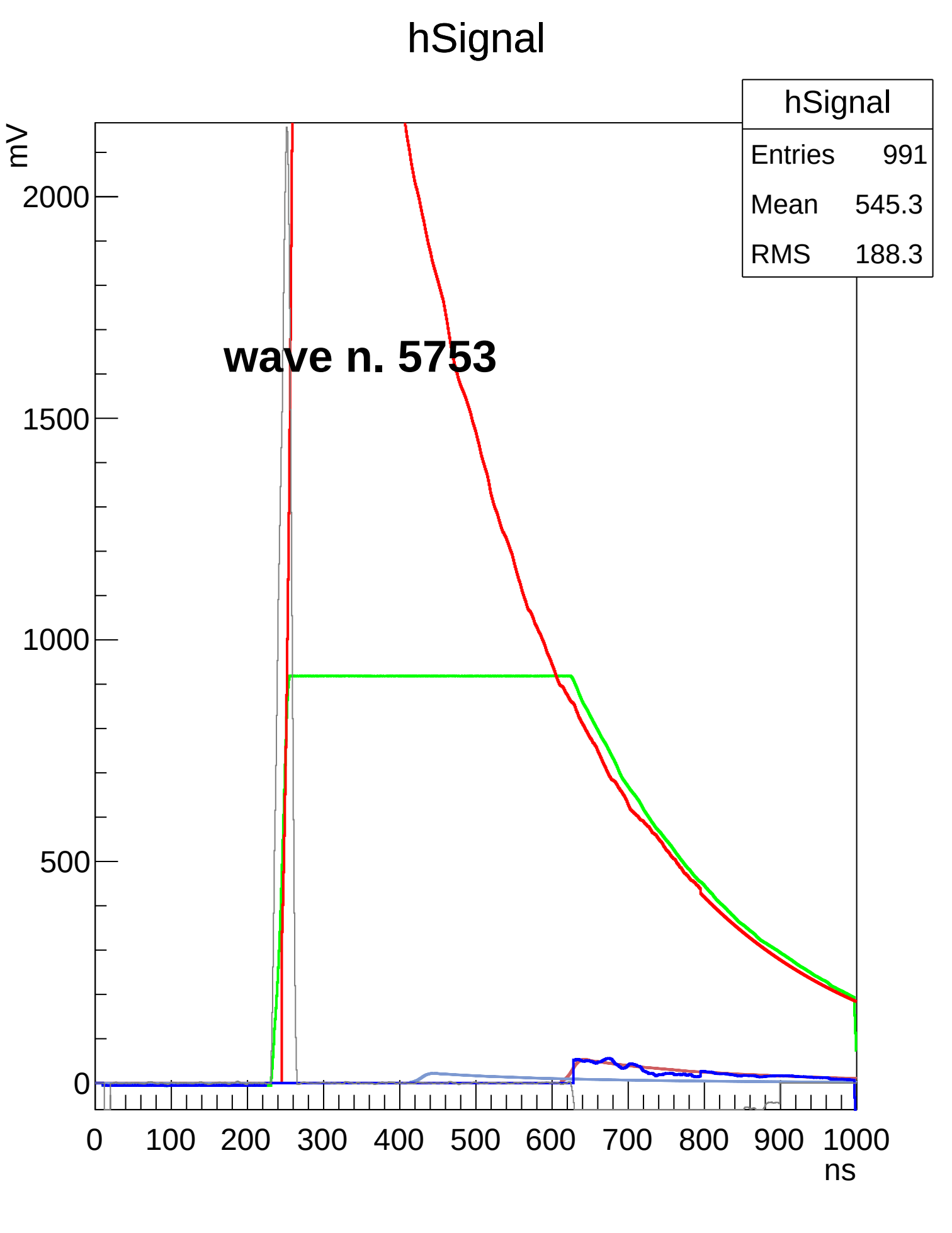
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 545.3
RMS 188.3
wave n. 5753
mV
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1500
1000
500
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0
100
200
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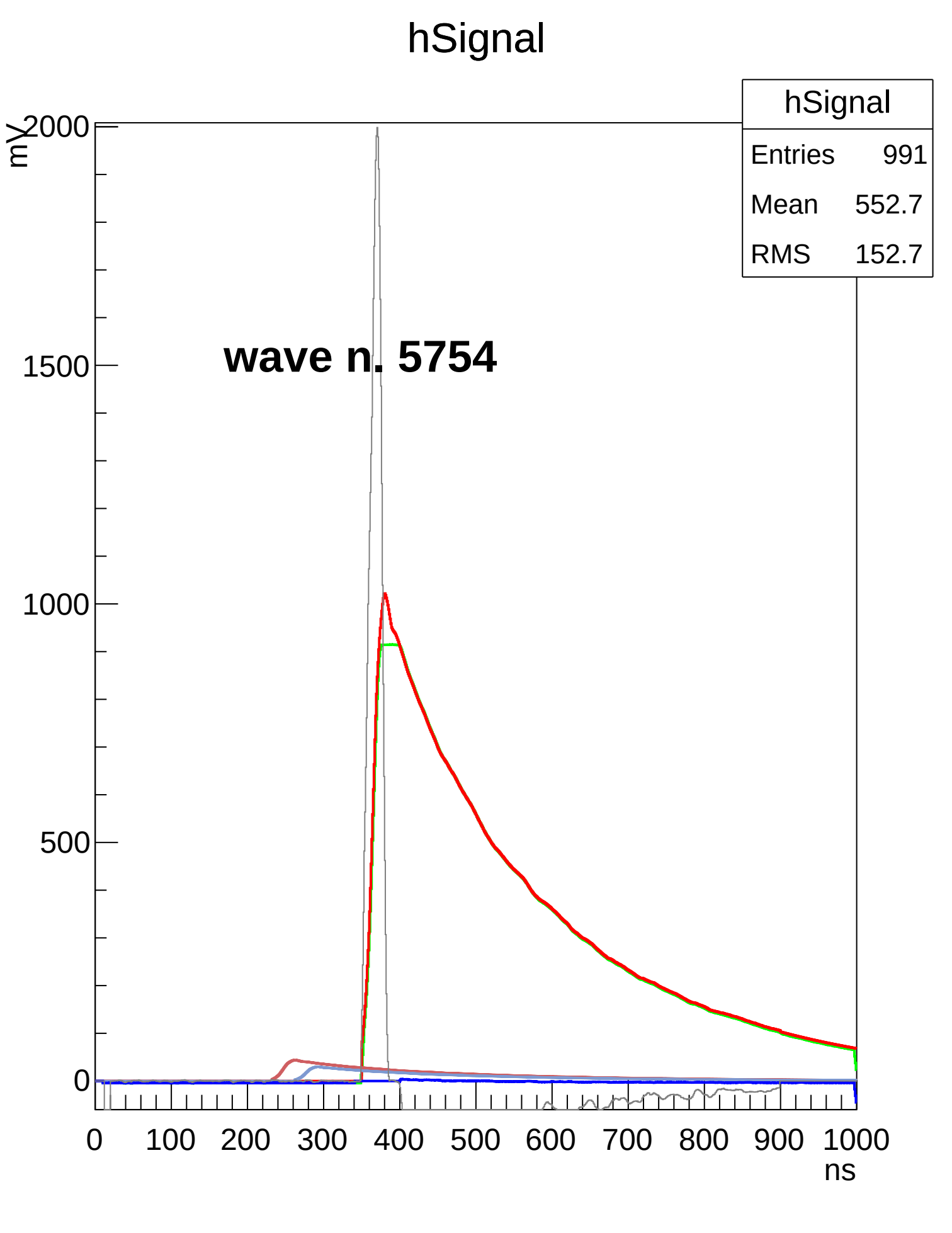
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.7
RMS 152.7
wave n. 5754
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1000
500
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0
100
200
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400
500
600
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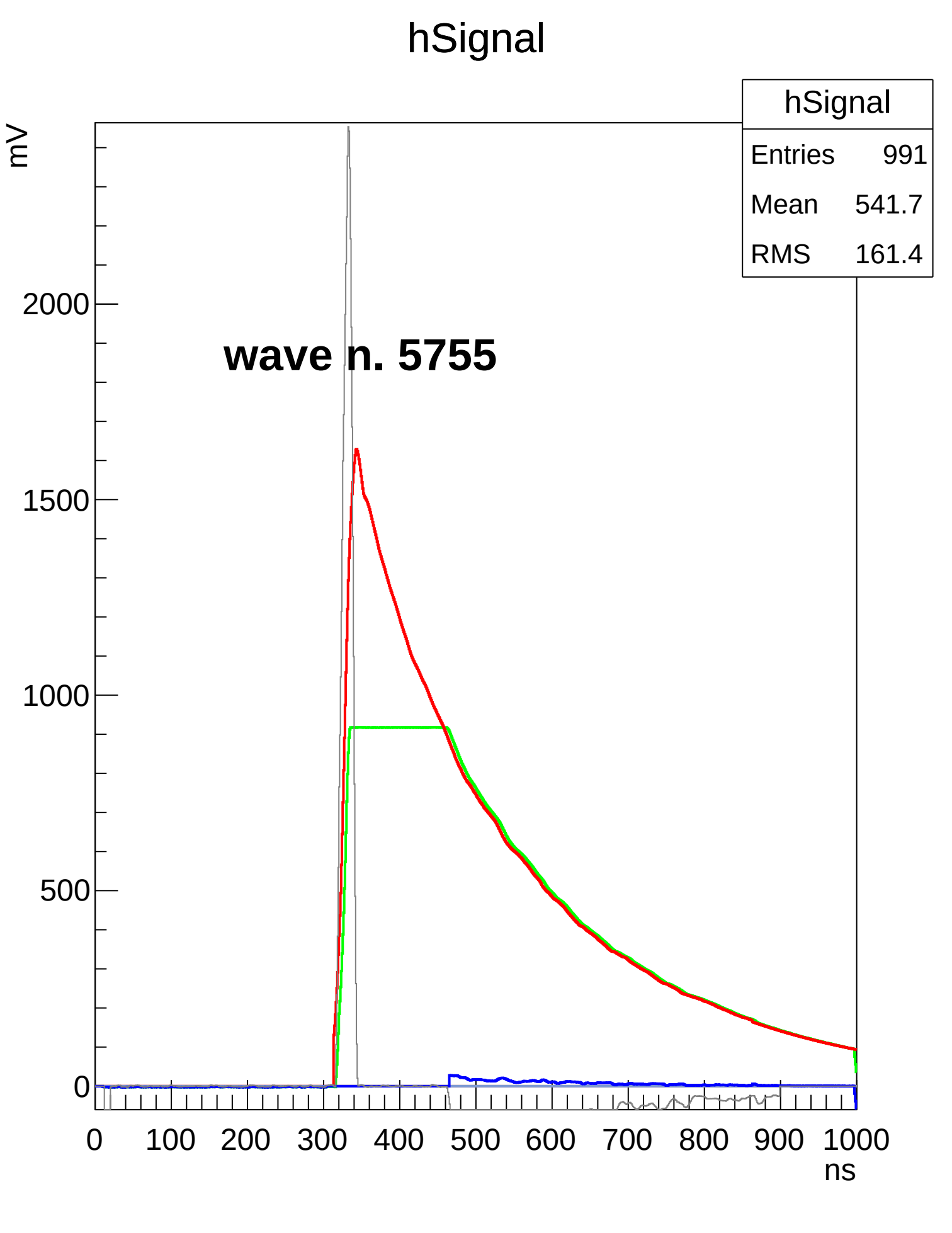
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 541.7
RMS 161.4
wave n. 5755
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0
100
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800
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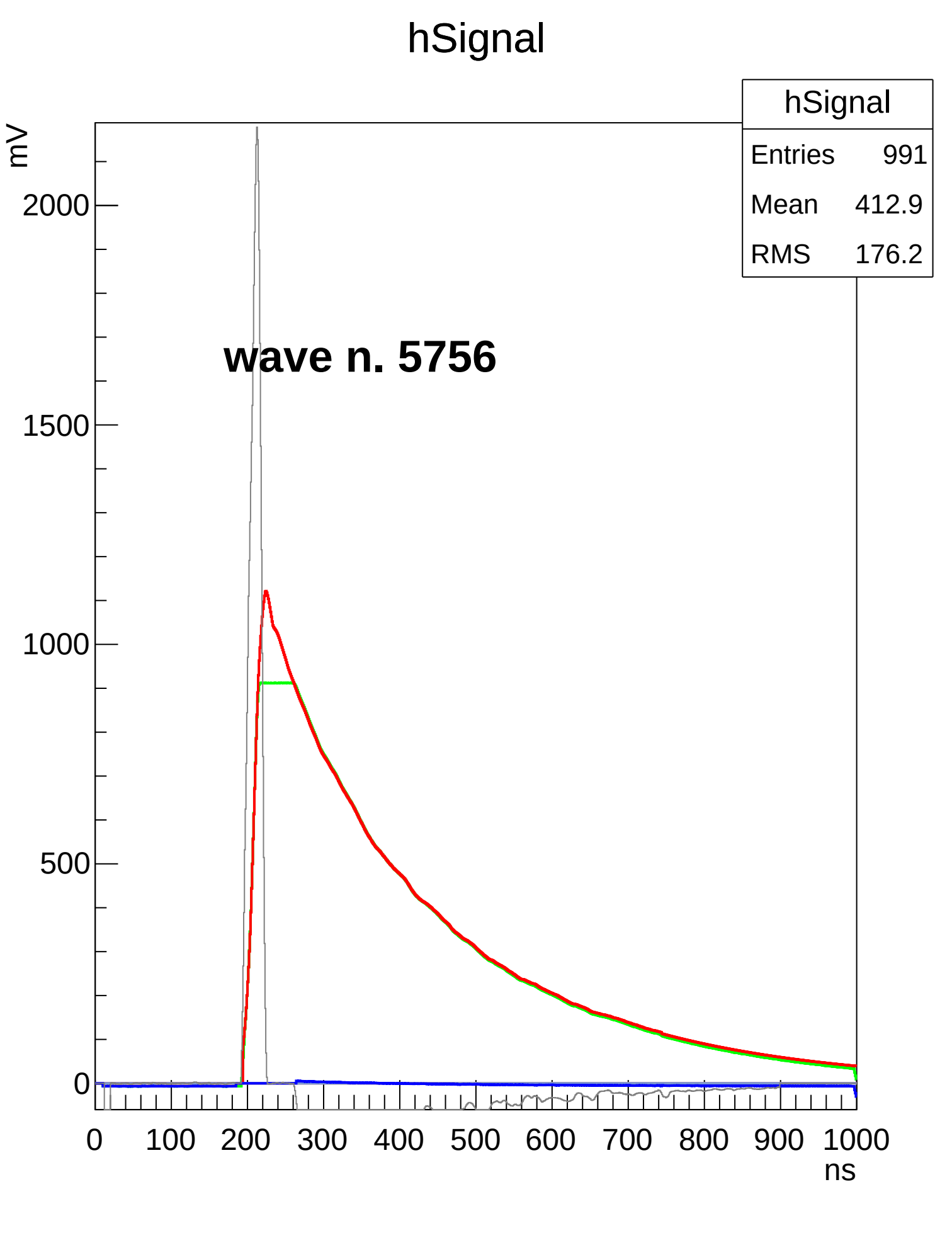
1000
ns


hSignal
hSignal
Entries 991
Mean 412.9
RMS 176.2
wave n. 5756
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400
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800
900
1000
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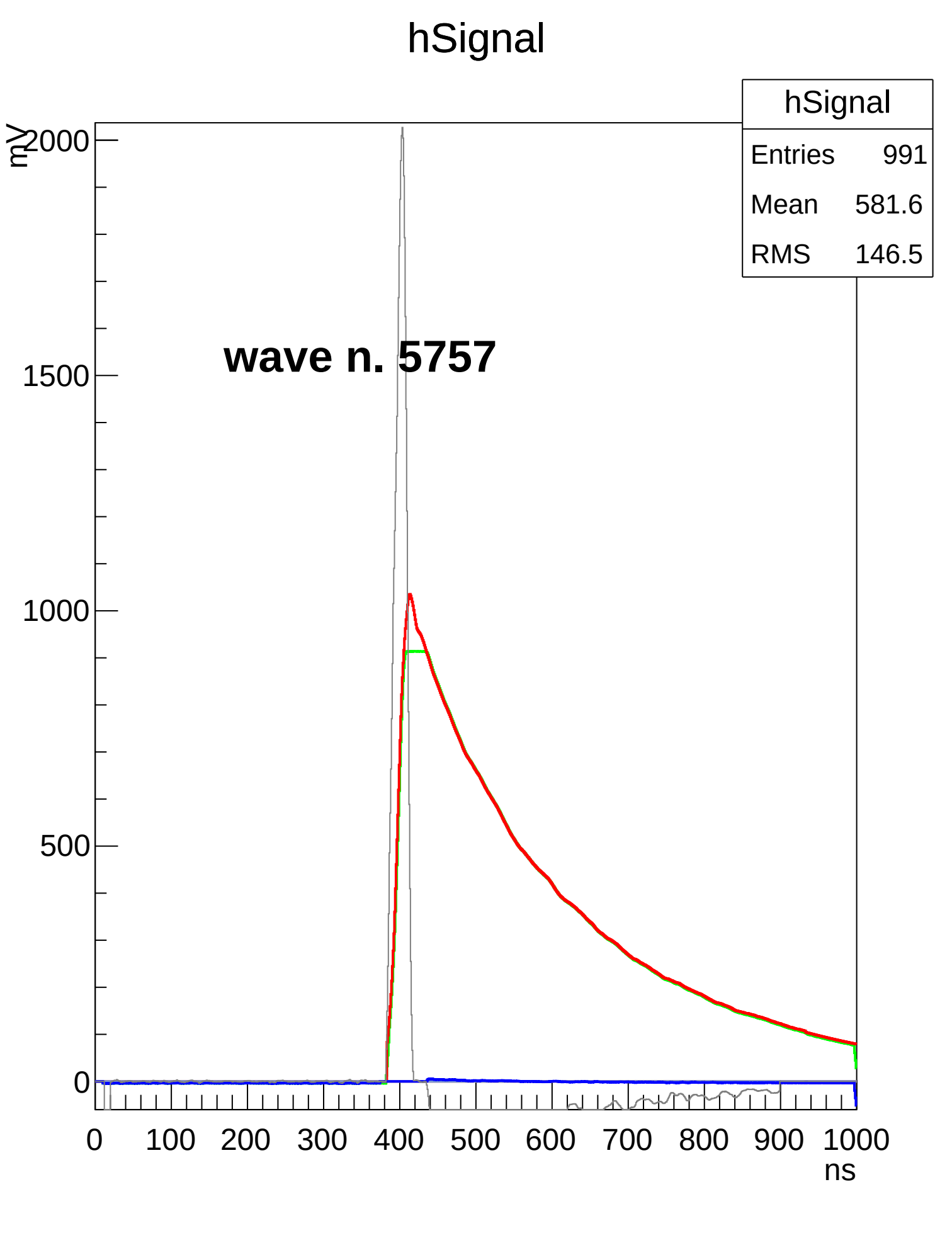
hSignal
hSignal
Entries 991
Mean 581.6
RMS 146.5
wave n. 5757
mV
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1500
1000
500
0
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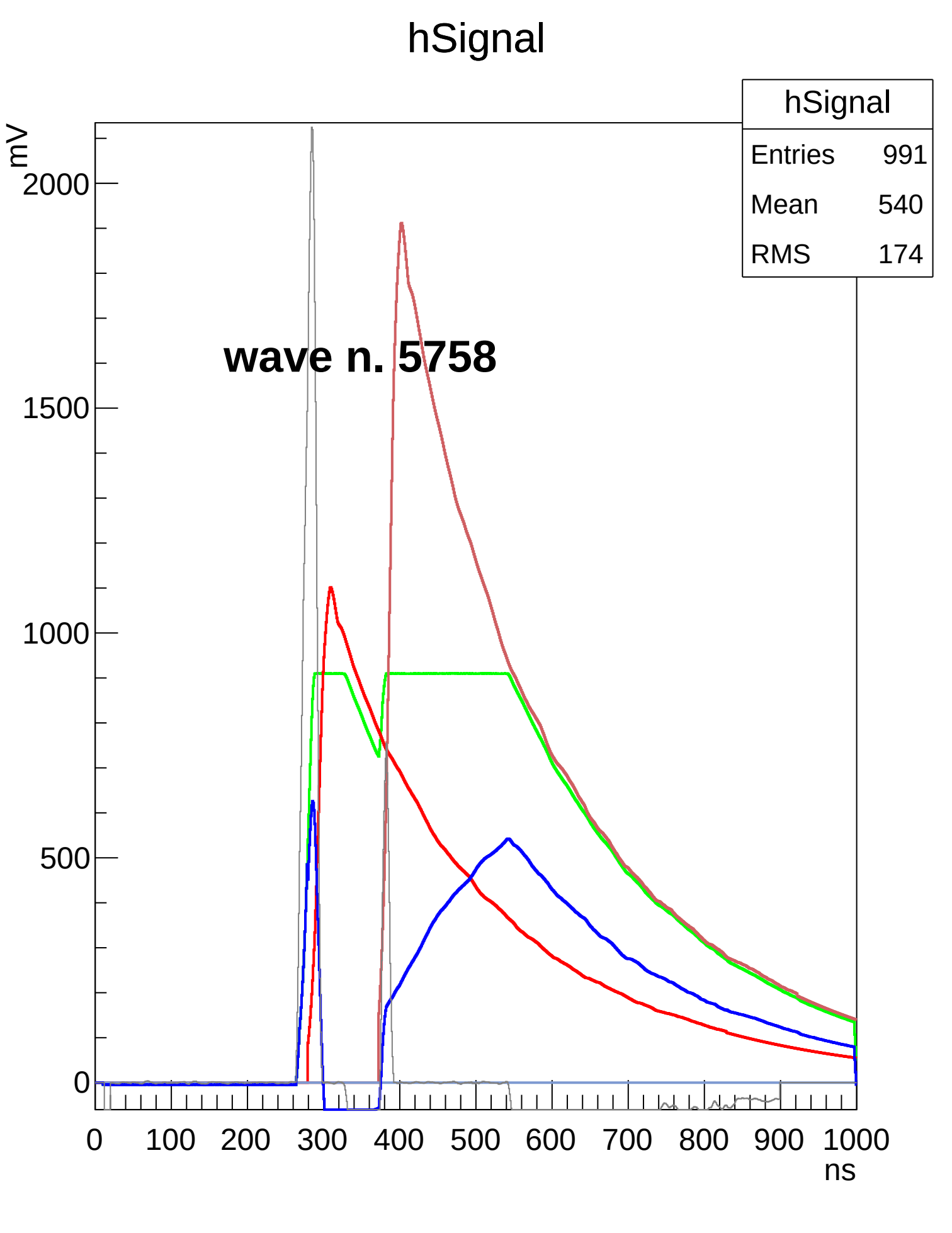
ns


hSignal
hSignal
Entries 991
Mean 540
RMS 174
wave n. 5758
mV
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1000
500
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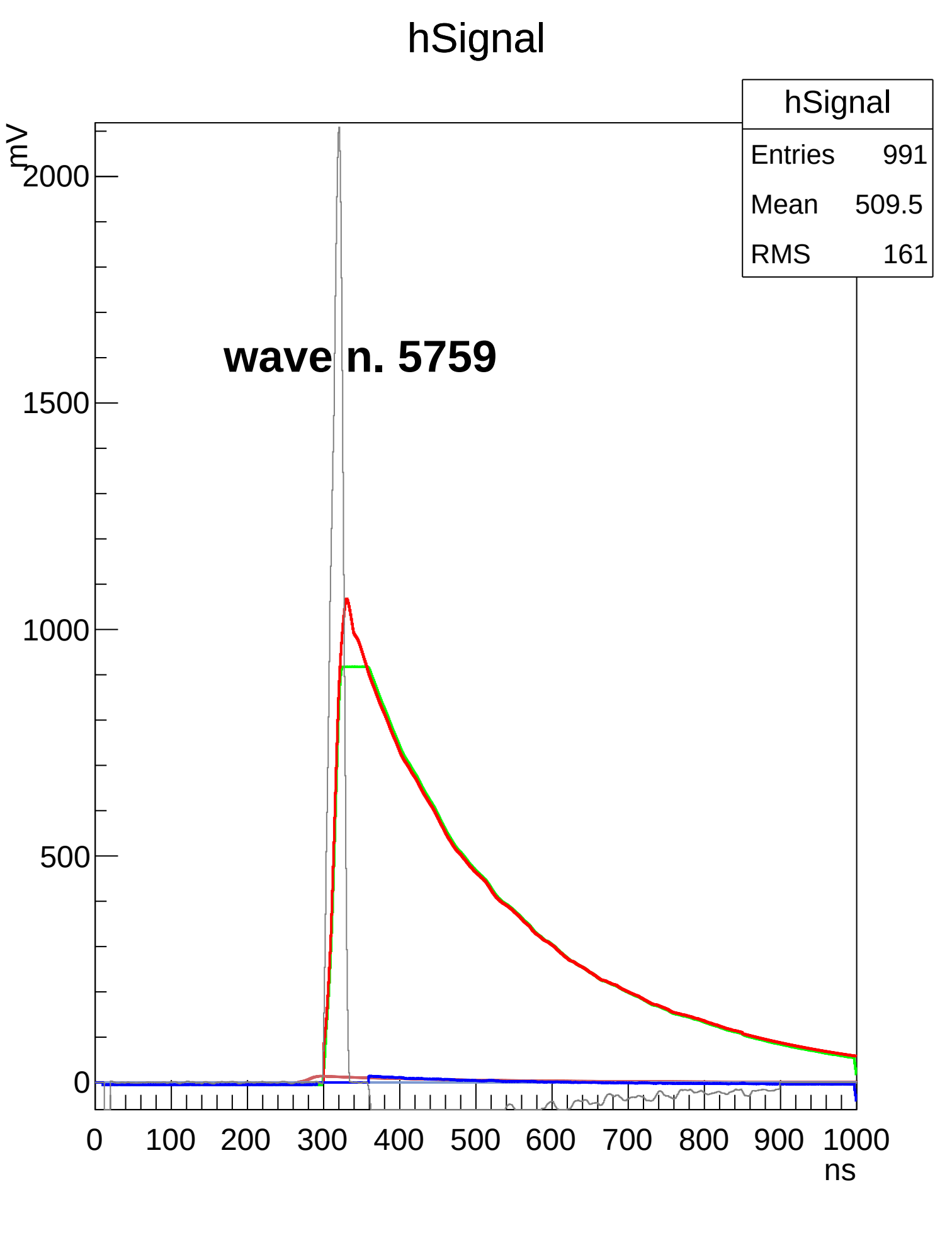
ns


hSignal
hSignal
Entries 991
Mean 509.5
RMS 161
wave n. 5759
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1500
1000
500
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0
100
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400
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1000
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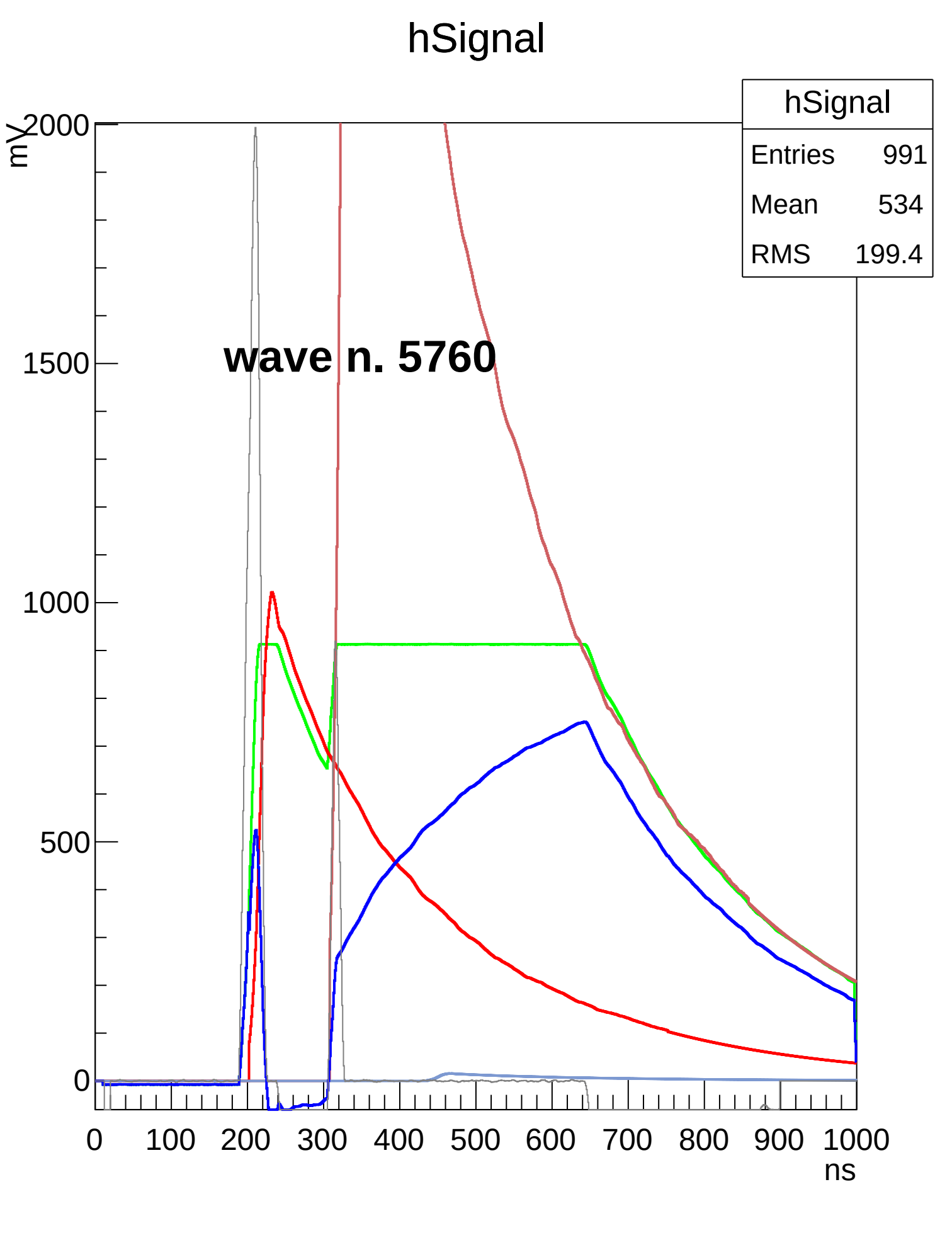
hSignal
hSignal
Entries 991
Mean 534
RMS 199.4
wave n. 5760
mV
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1000
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1000
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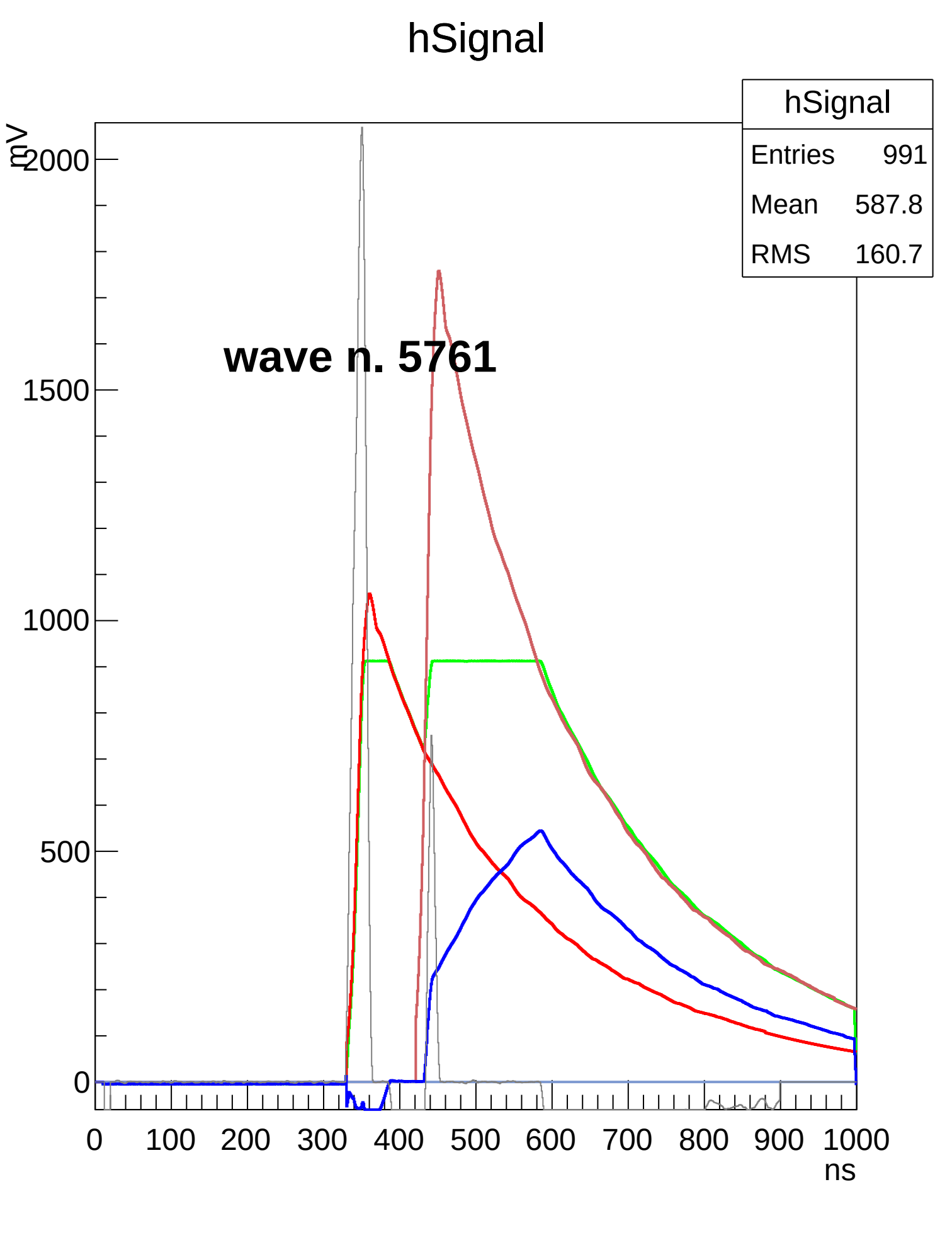
hSignal
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Entries 991
Mean 587.8
RMS 160.7
wave n. 5761
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400
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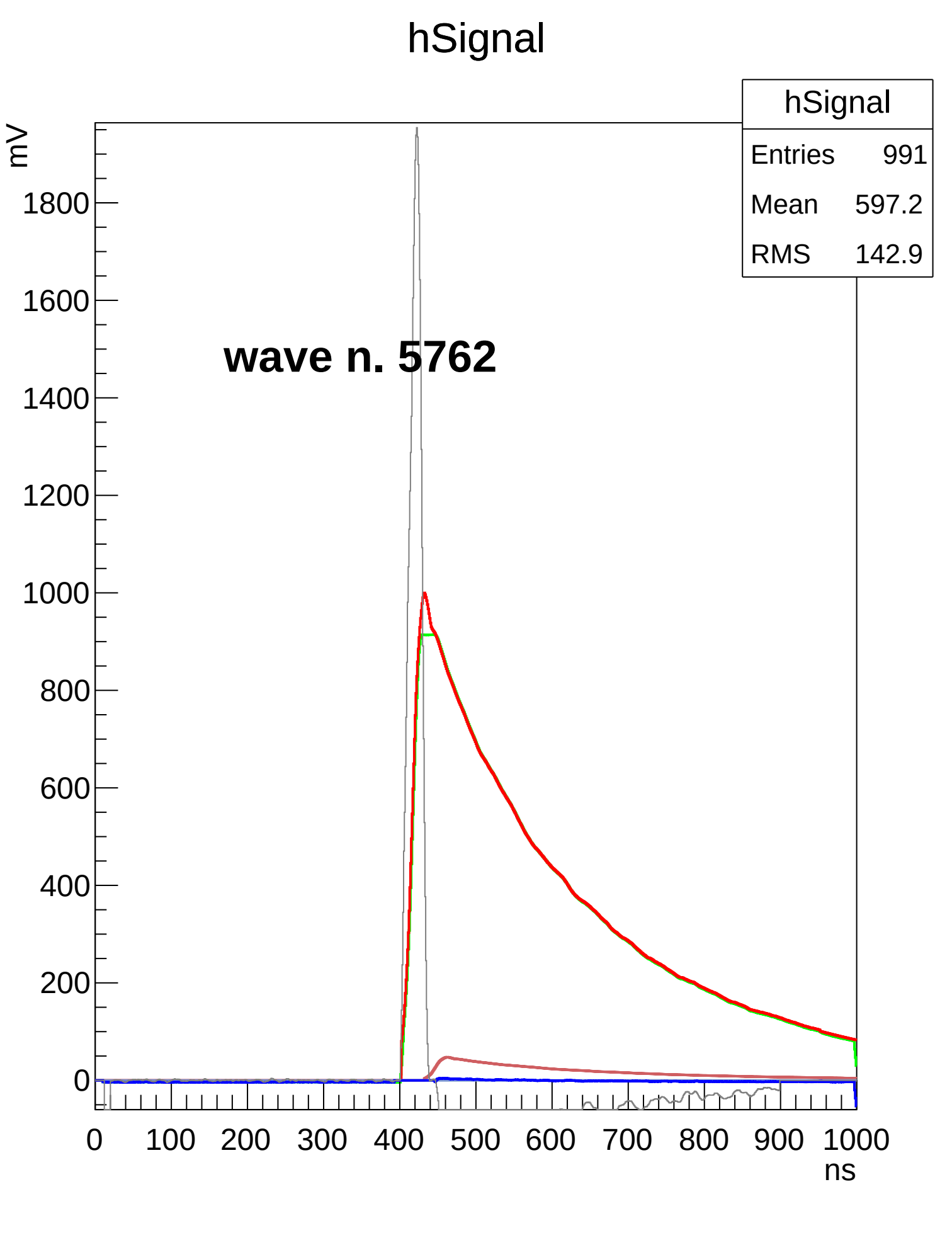
1000
ns


hSignal
hSignal
Entries 991
Mean 597.2
RMS 142.9
wave n. 5762
mV
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1600
1400
1200
1000
800
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400
200
0
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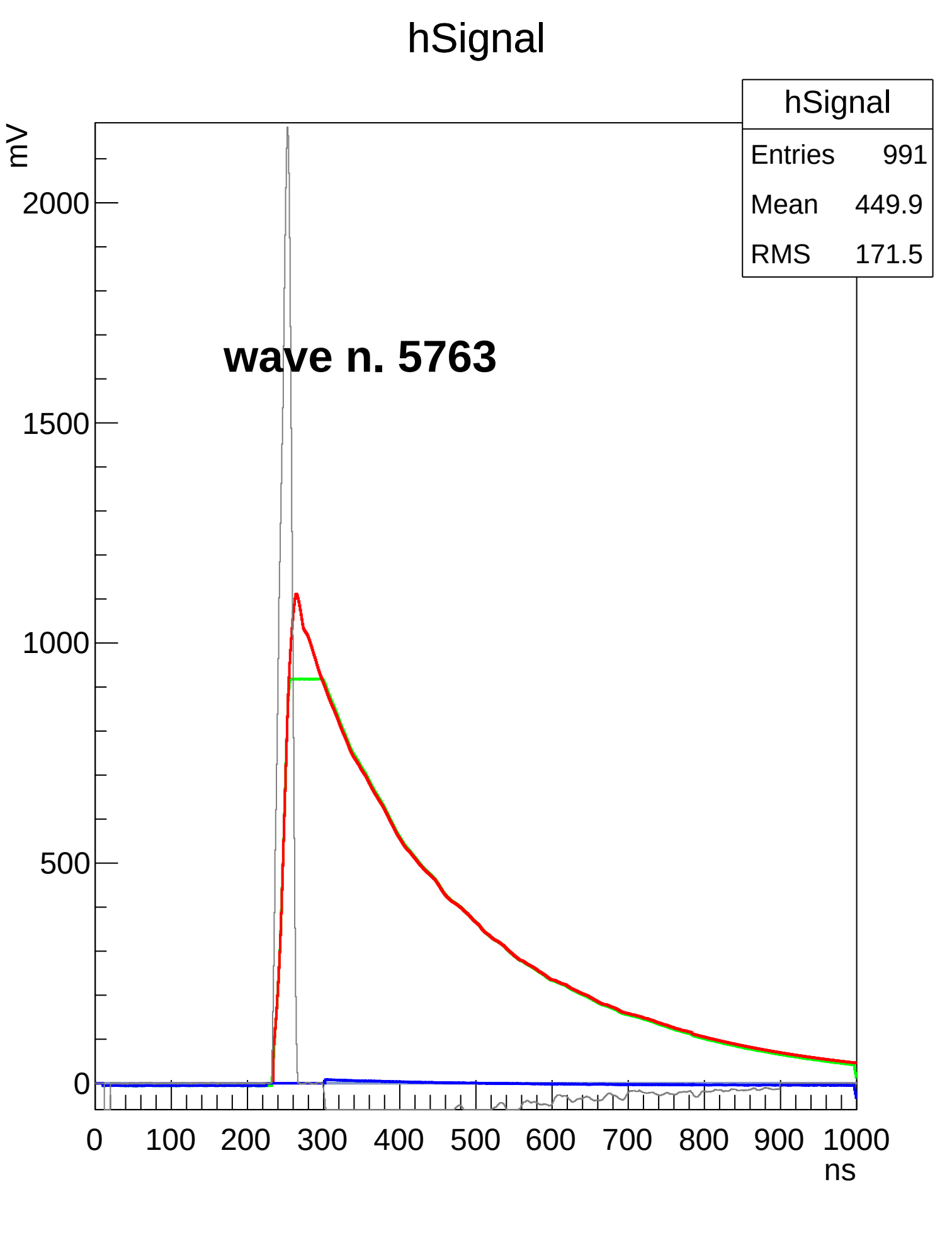
ns


hSignal
hSignal
Entries 991
Mean 449.9
RMS 171.5
wave n. 5763
mV
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1500
1000
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0
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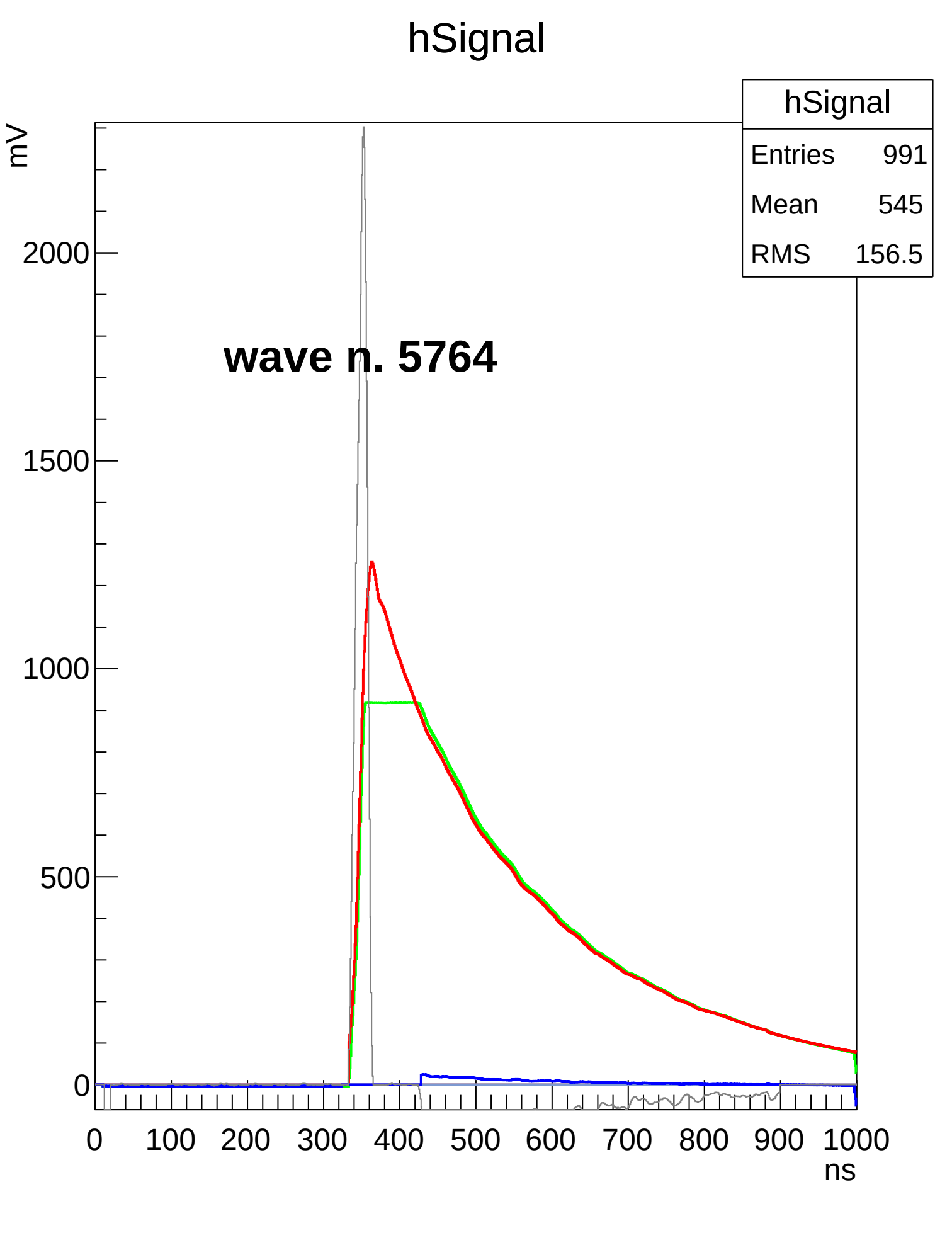
1000
ns


hSignal
hSignal
Entries 991
Mean 545
RMS 156.5
wave n. 5764
mV
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1000
500
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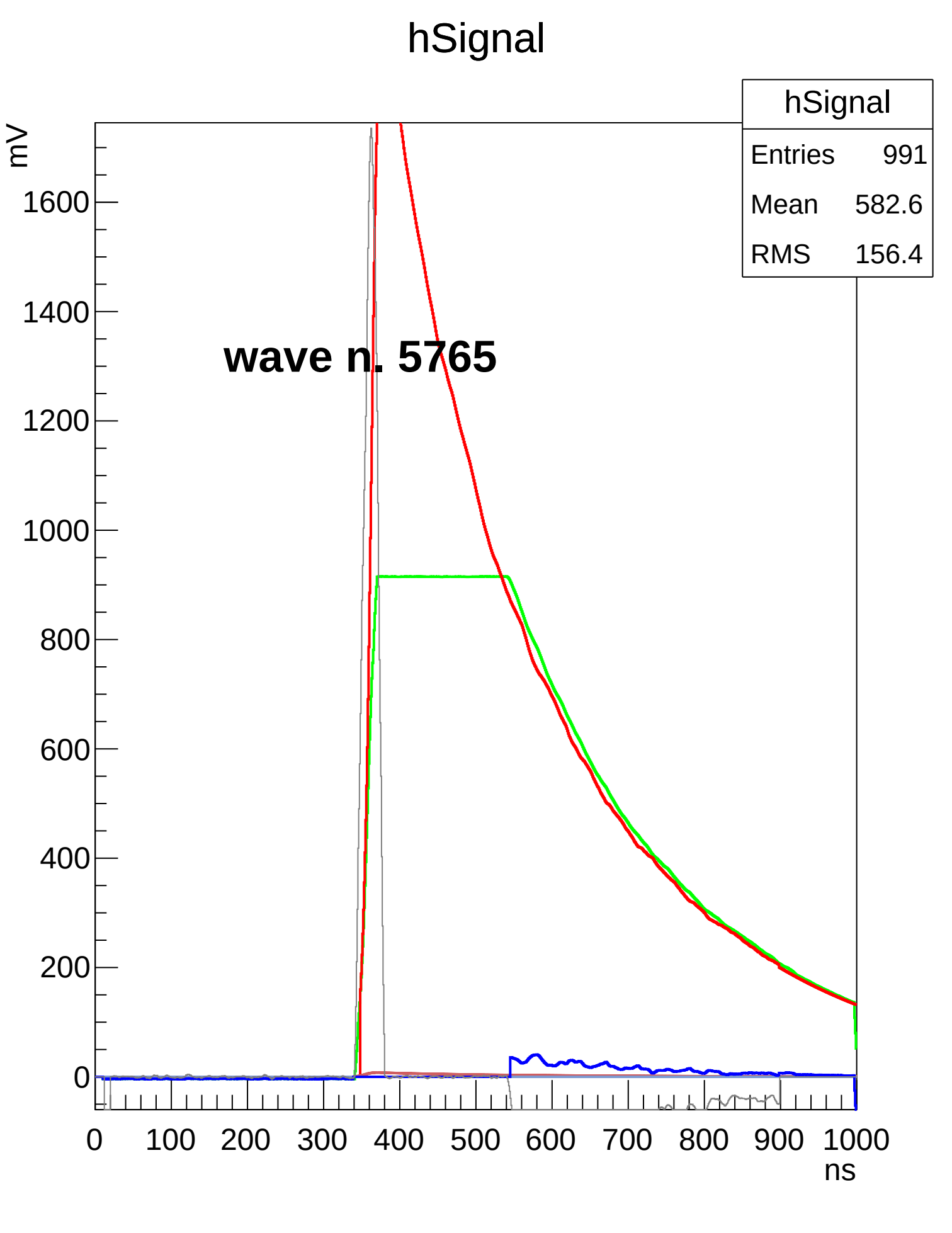
ns


hSignal
hSignal
Entries 991
Mean 582.6
RMS 156.4
wave n. 5765
mV
1600
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600
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100
200
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400
500
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800
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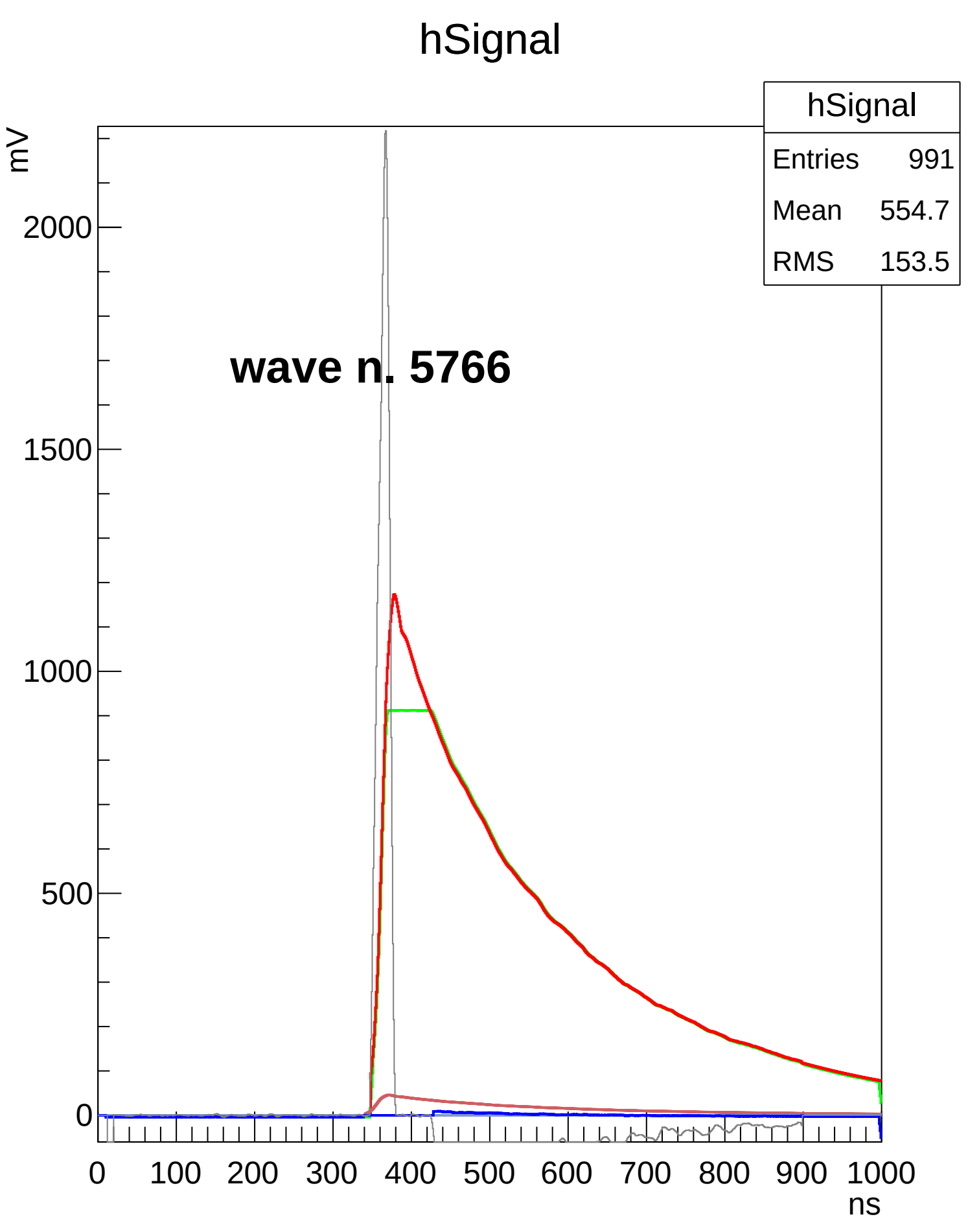
1000
ns


hSignal
hSignal
Entries 991
Mean 554.7
RMS 153.5
wave n. 5766
mV
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1500
1000
500
0
0
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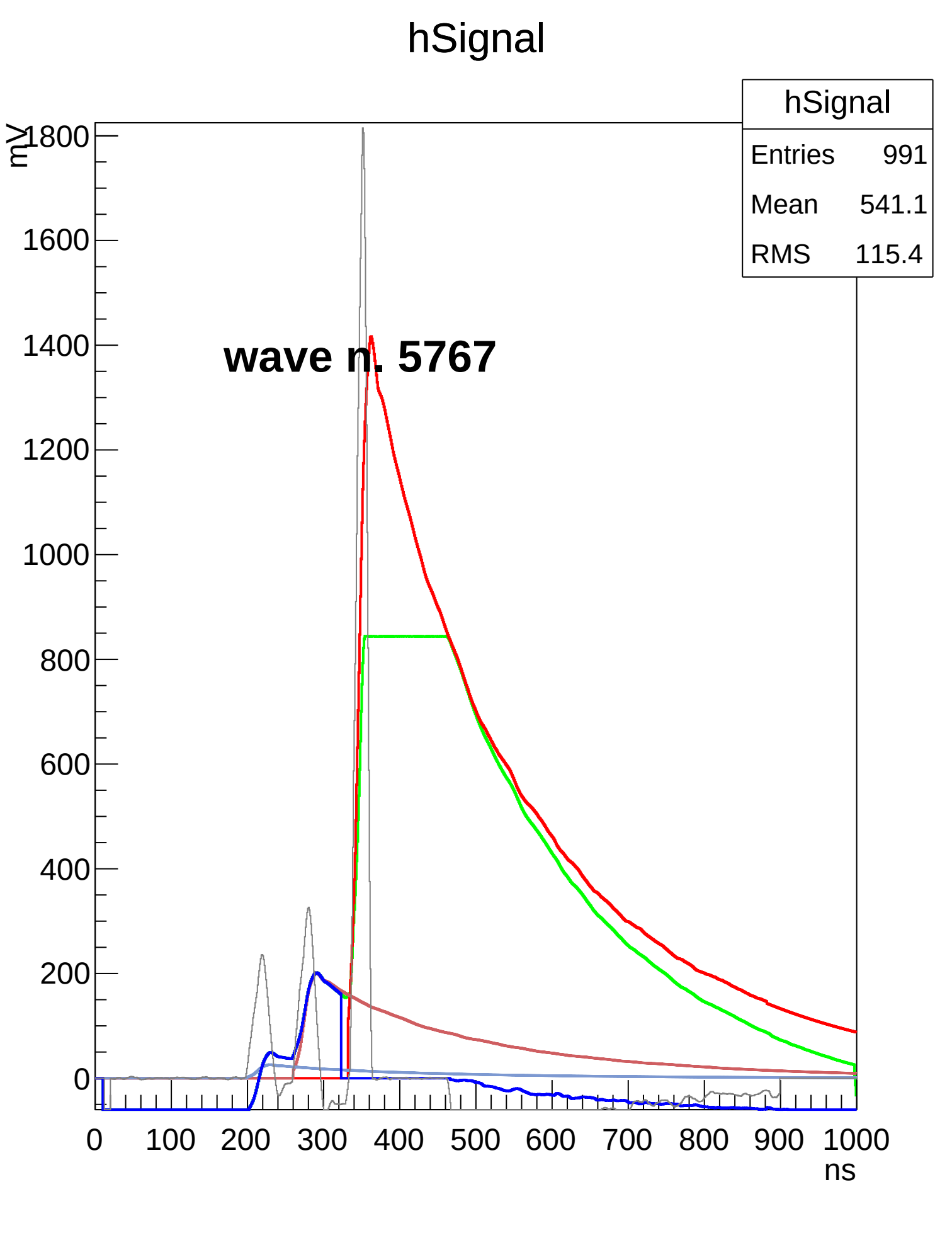
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 541.1
RMS 115.4
wave n. 5767
mV
1800
1600
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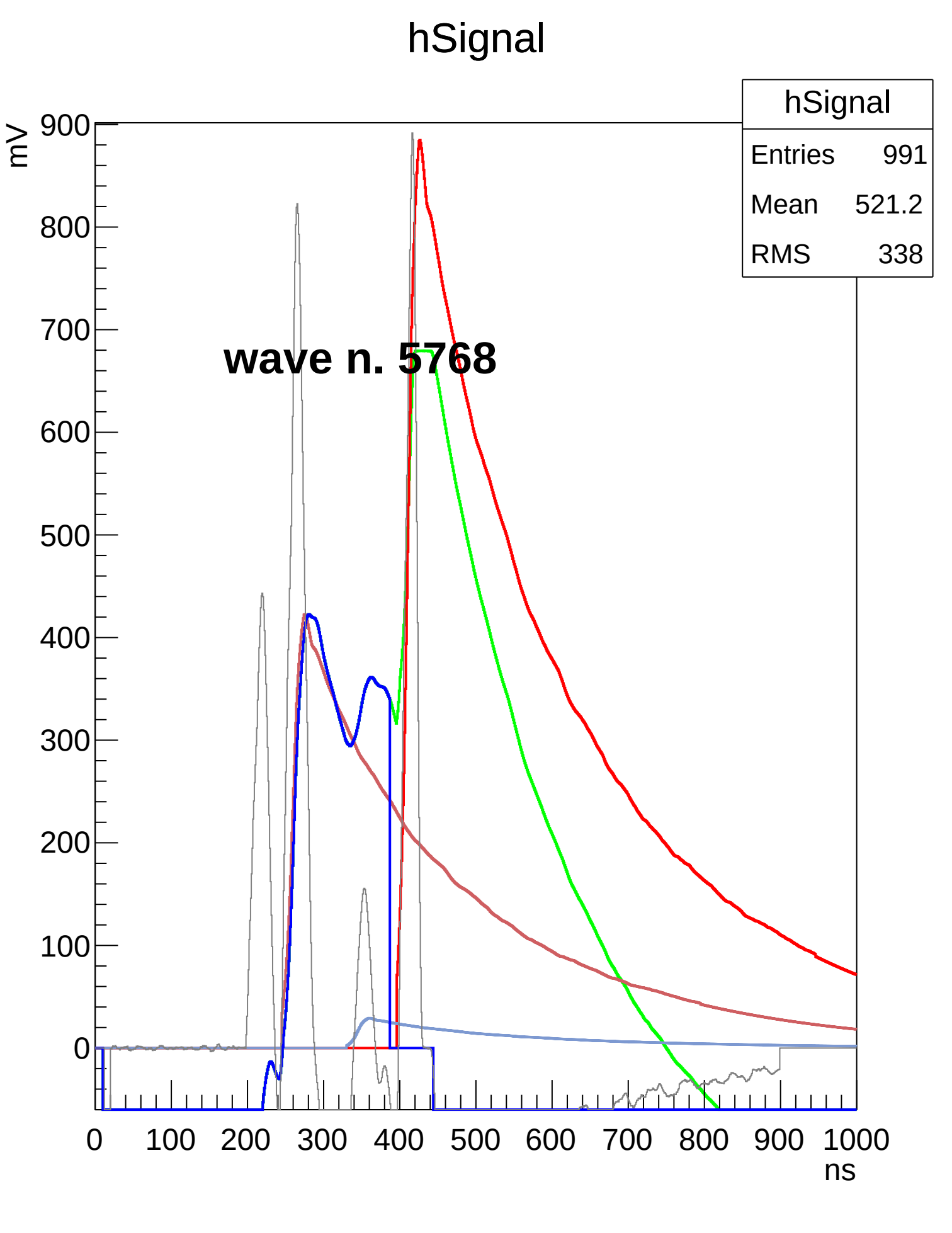
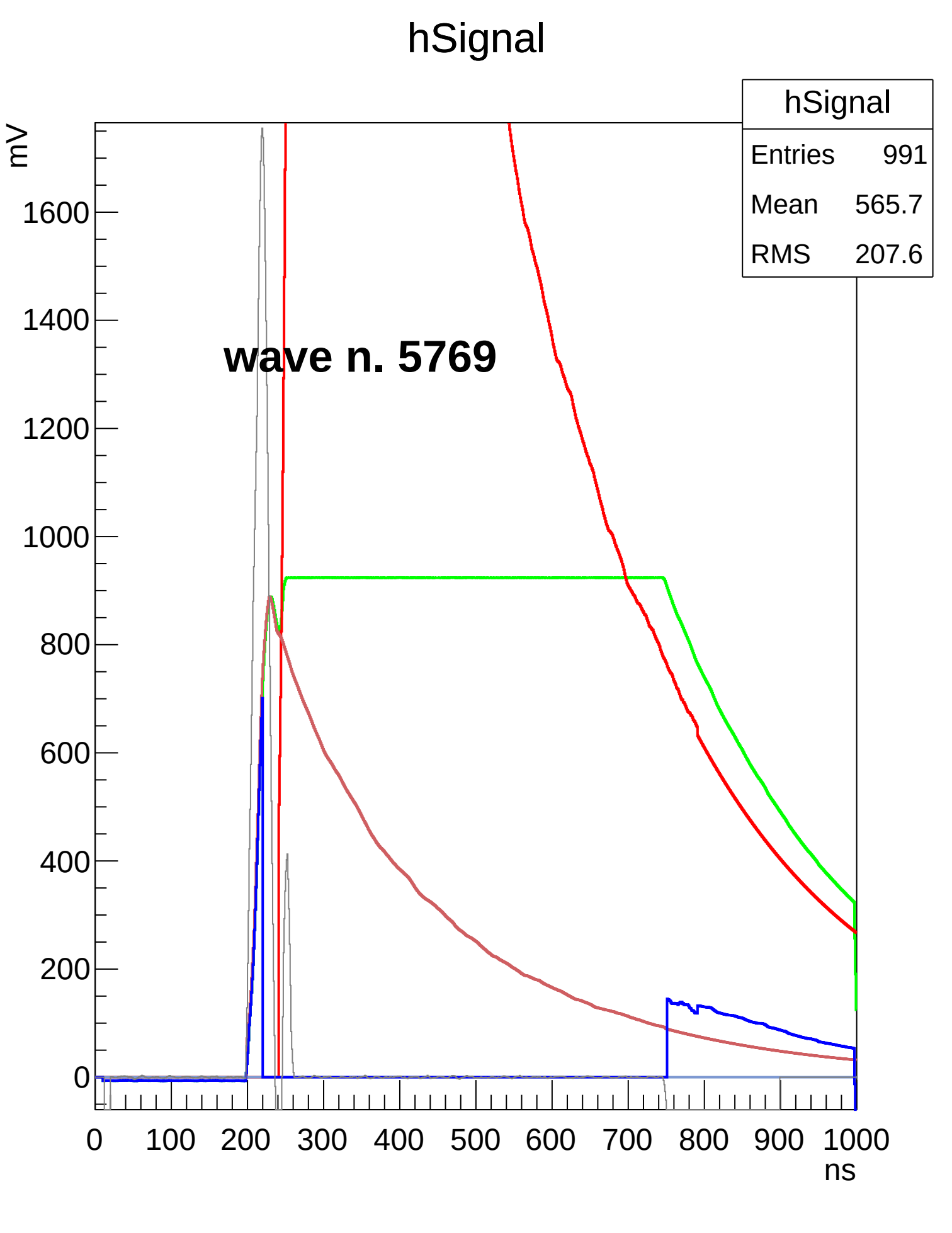
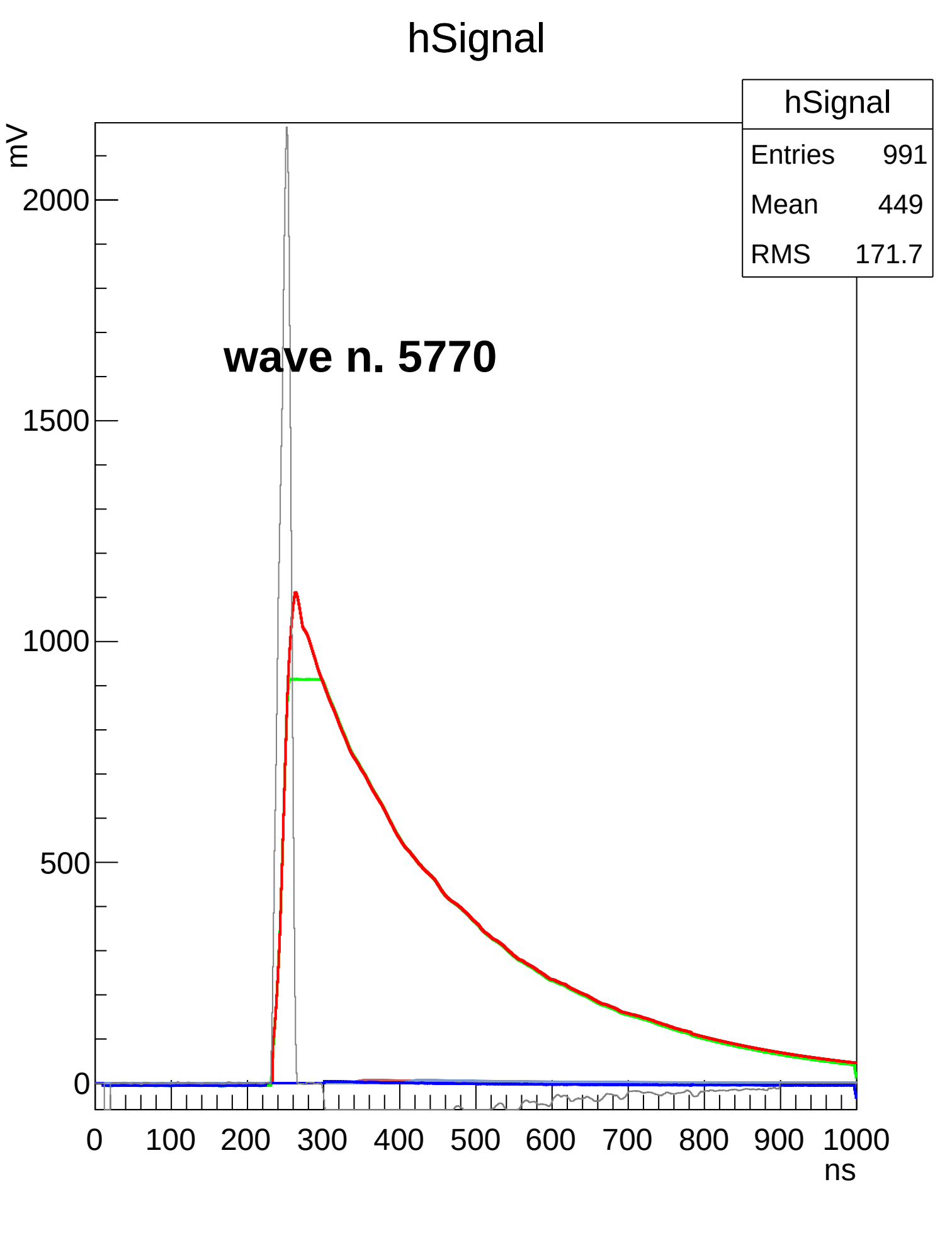
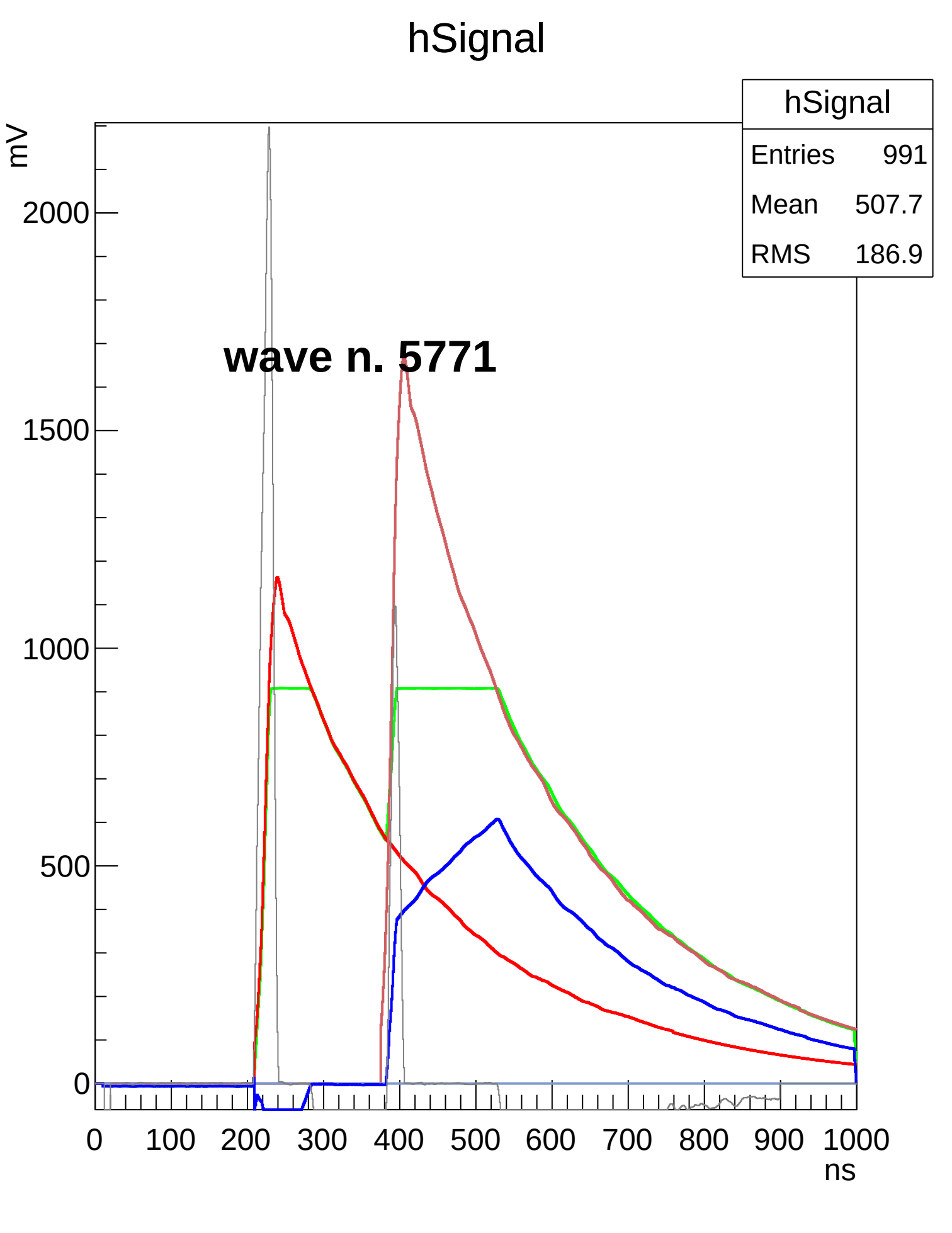
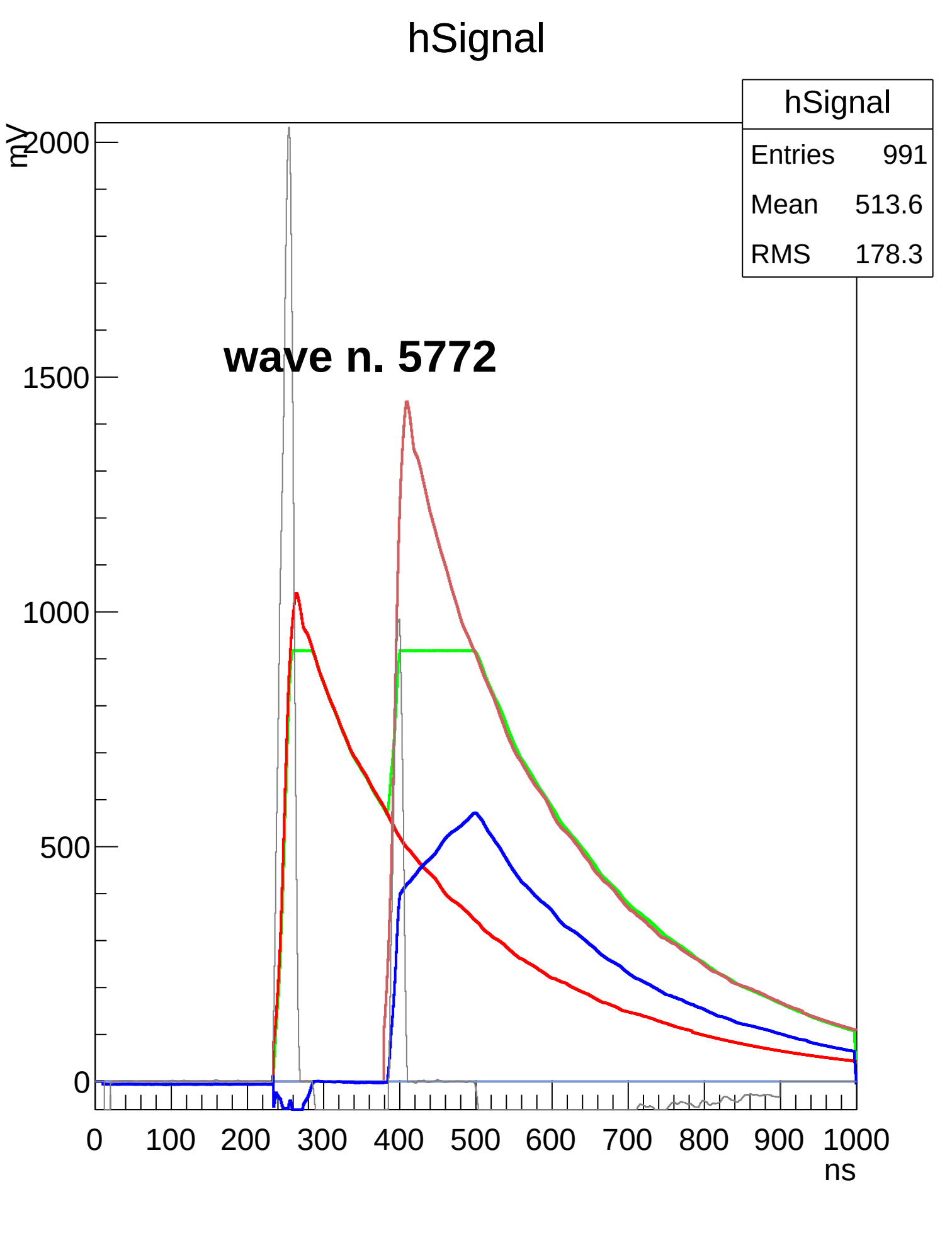
1000
ns

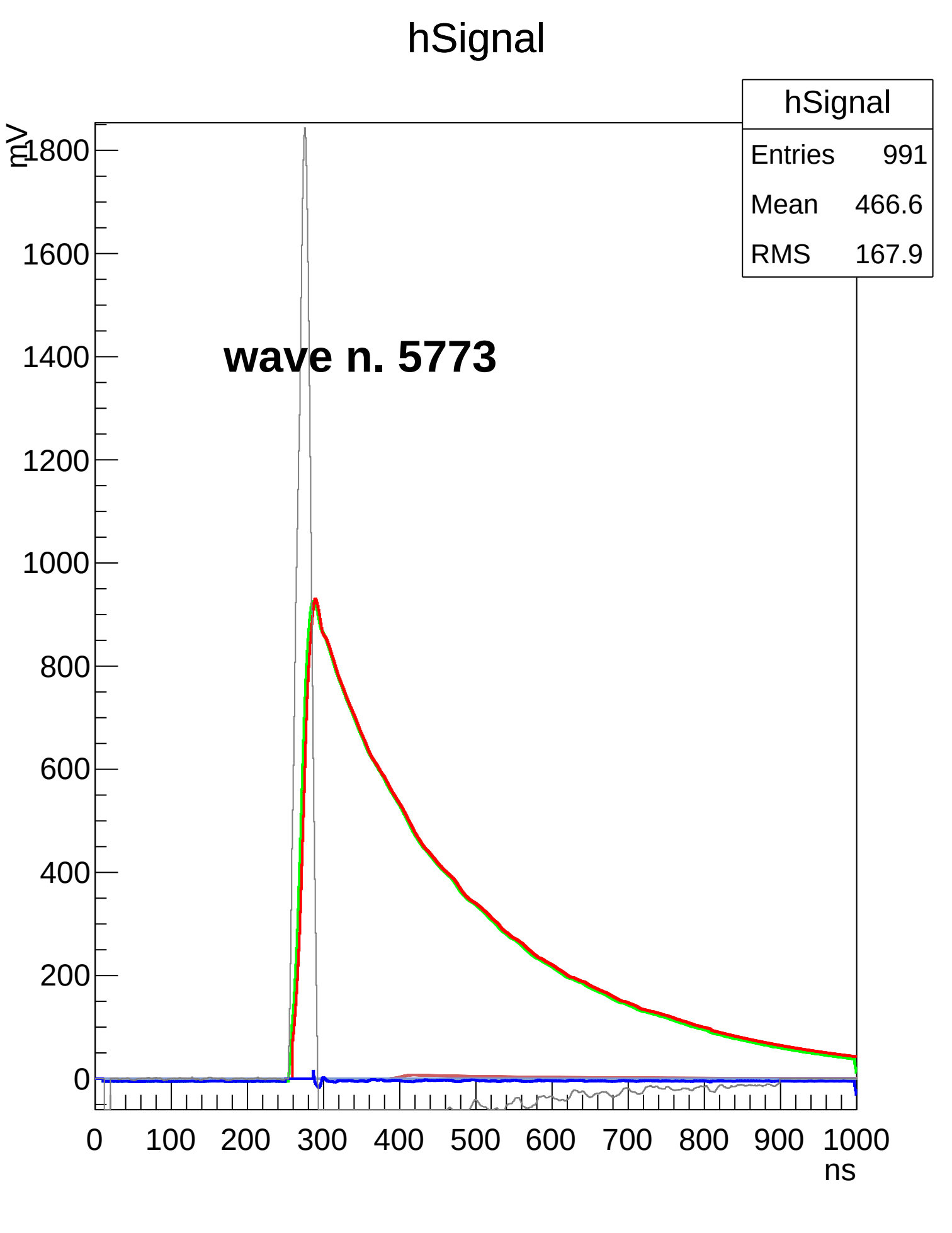

hSignal
hSignal
Entries 991
Mean 521.2
RMS 338
wave n. 5768
mV
900
800
700
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns

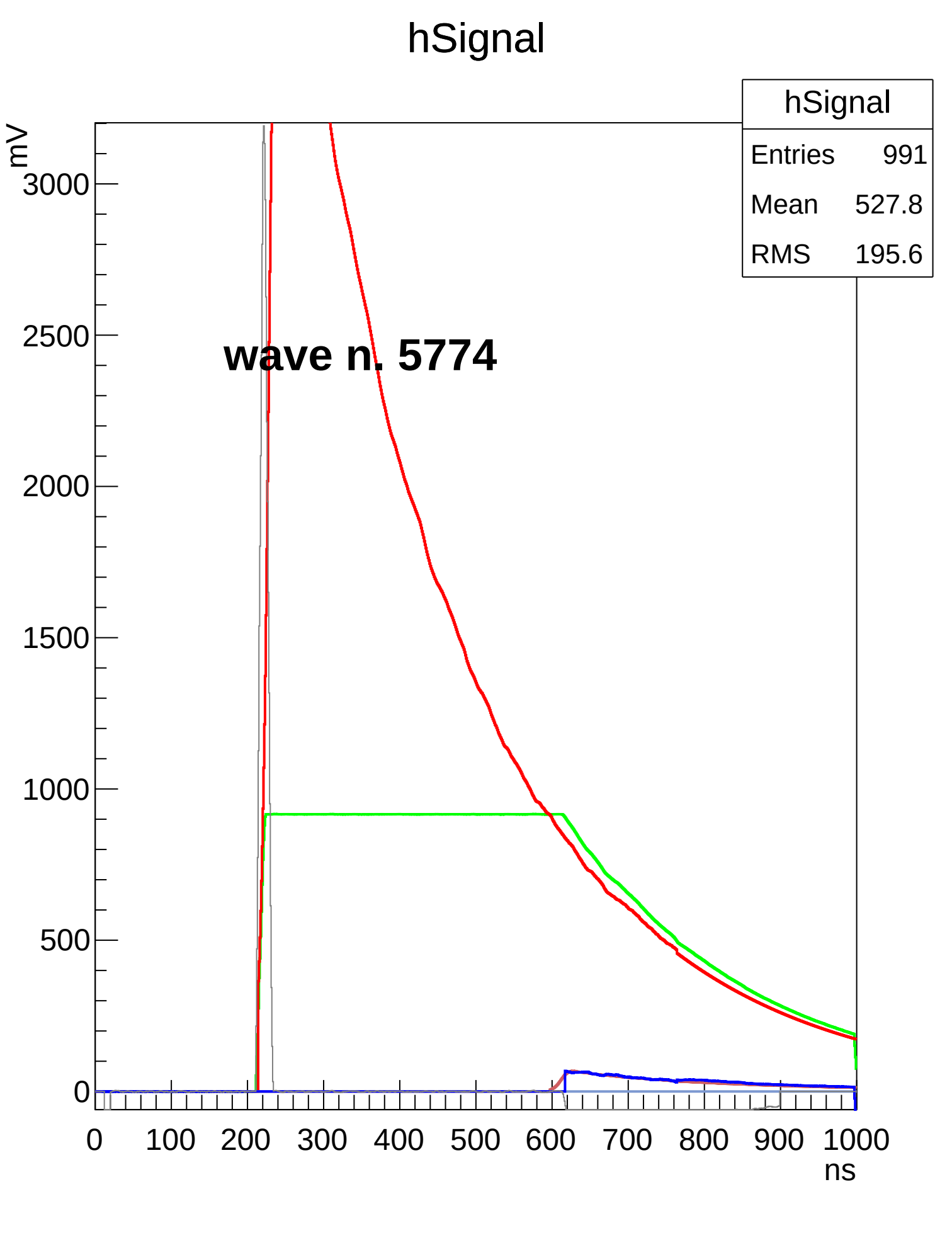

hSignal
hSignal
Entries 991
Mean 565.7
RMS 207.6
wave n. 5769
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

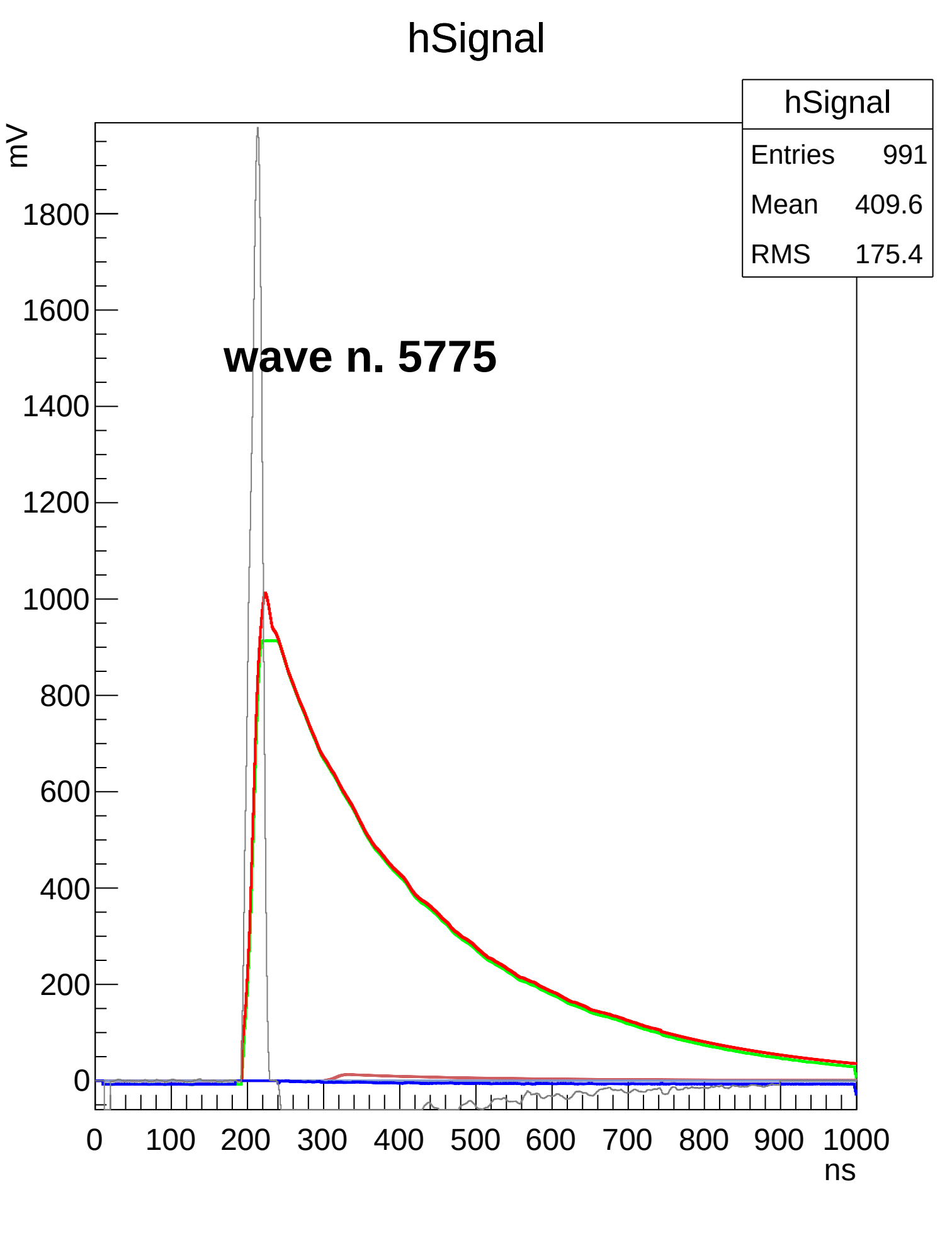

hSignal
hSignal
Entries 991
Mean 449
RMS 171.7
wave n. 5770
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 507.7
RMS 186.9
wave n. 5771
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 513.6
RMS 178.3
wave n. 5772
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 466.6
RMS 167.9
wave n. 5773
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 527.8
RMS 195.6
wave n. 5774
mV
3000
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 409.6
RMS 175.4
wave n. 5775
mV
1800
1600
1400
1200
1000
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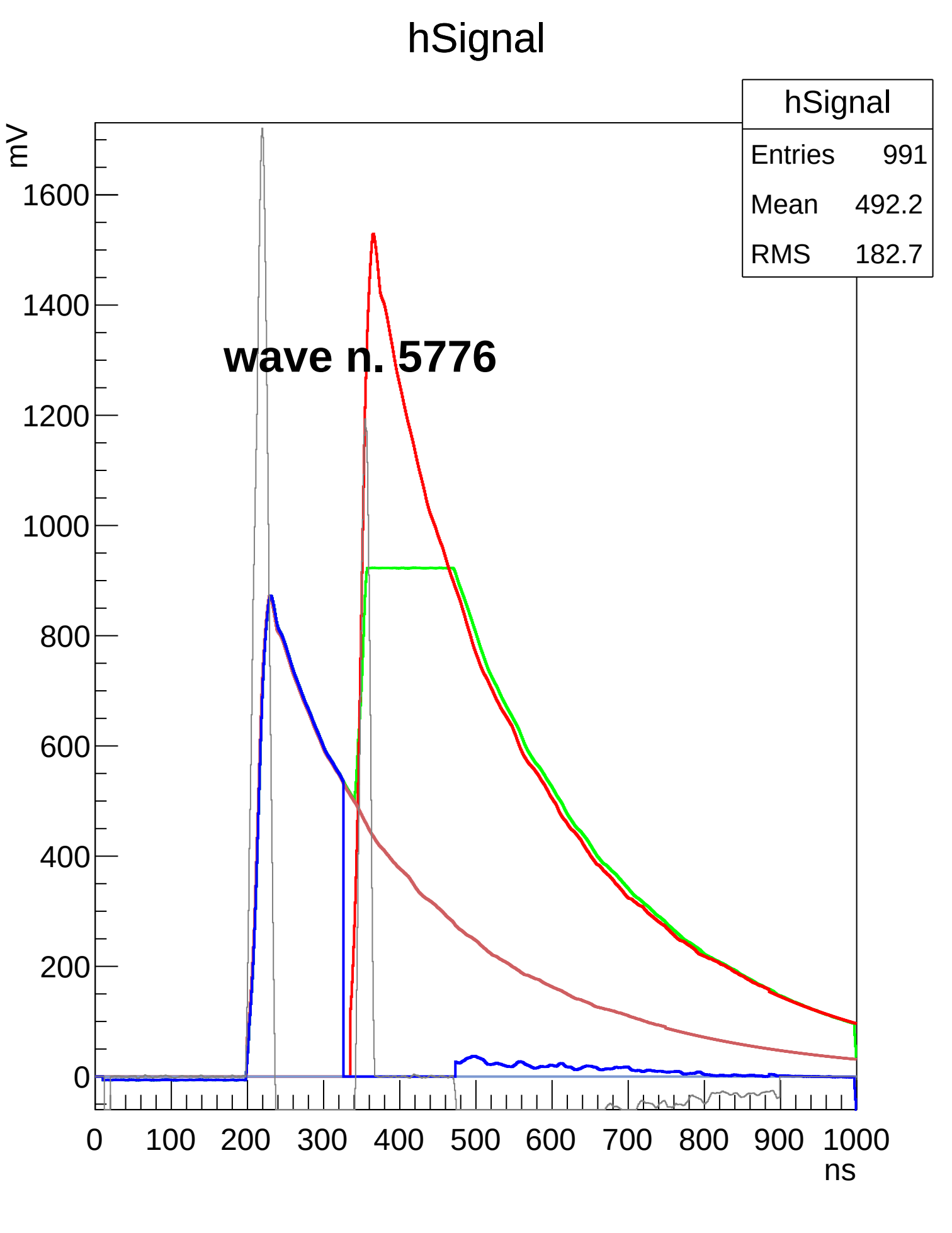
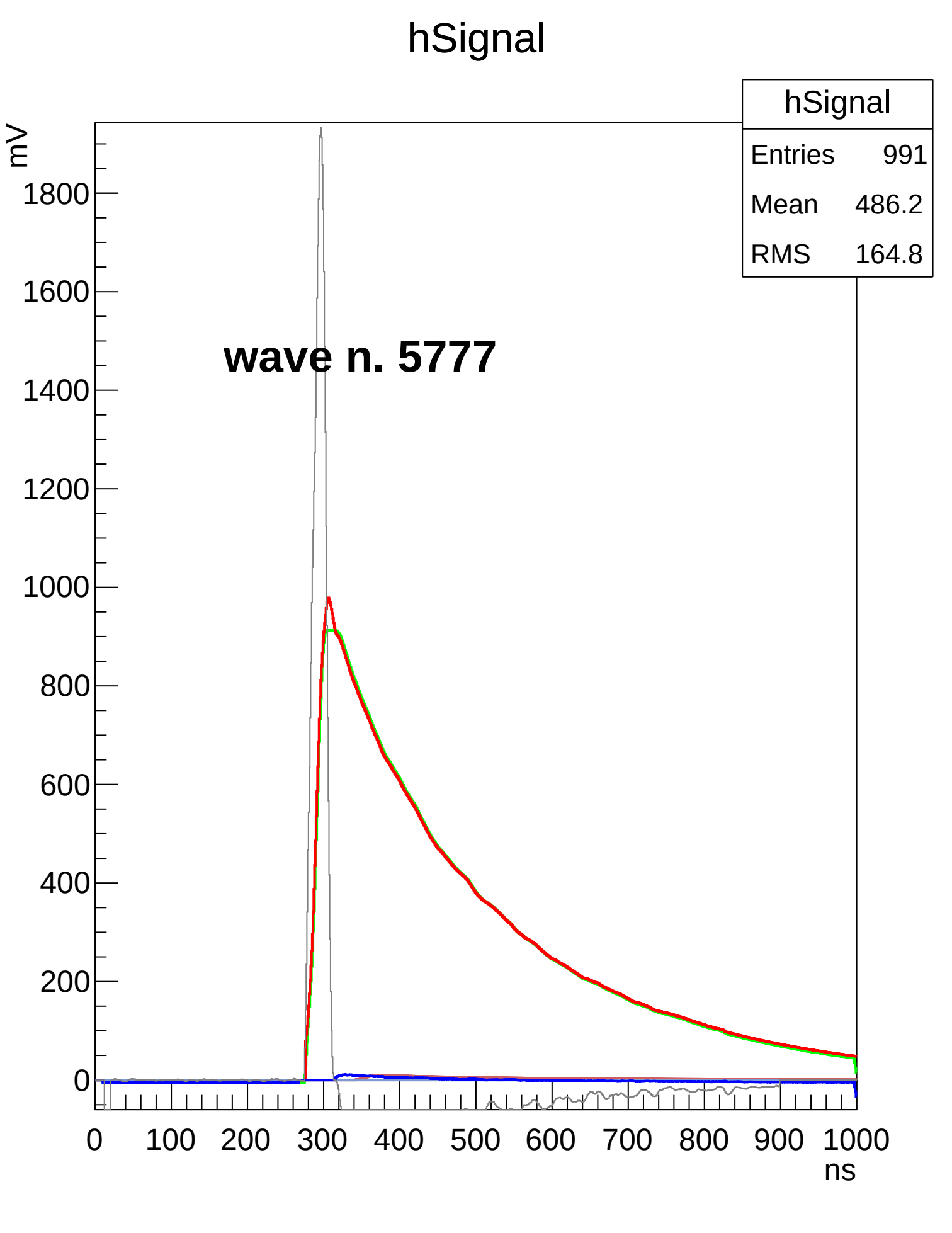
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 492.2
RMS 182.7
wave n. 5776
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486.2
RMS 164.8
wave n. 5777
mV
1800
1600
1400
1200
1000
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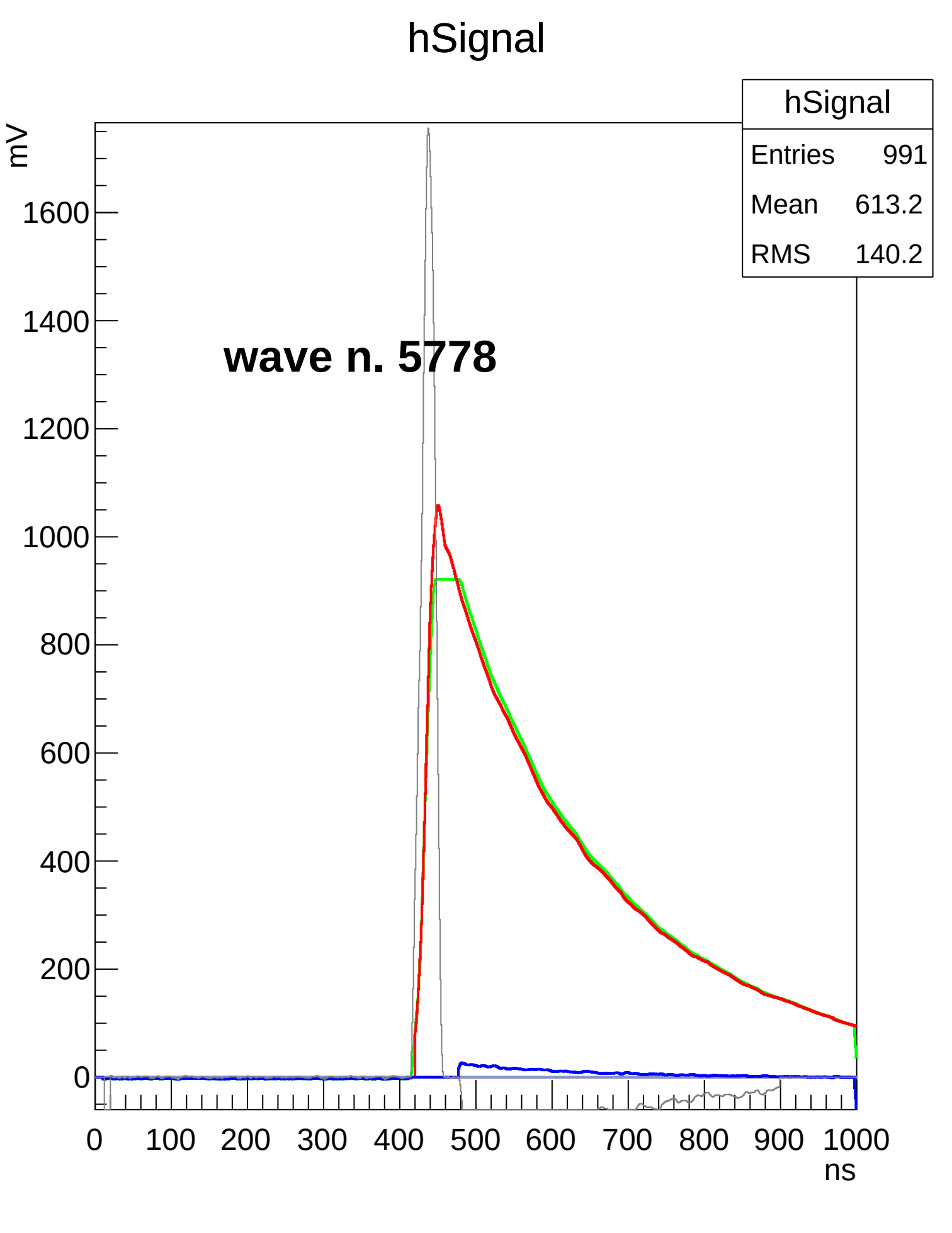
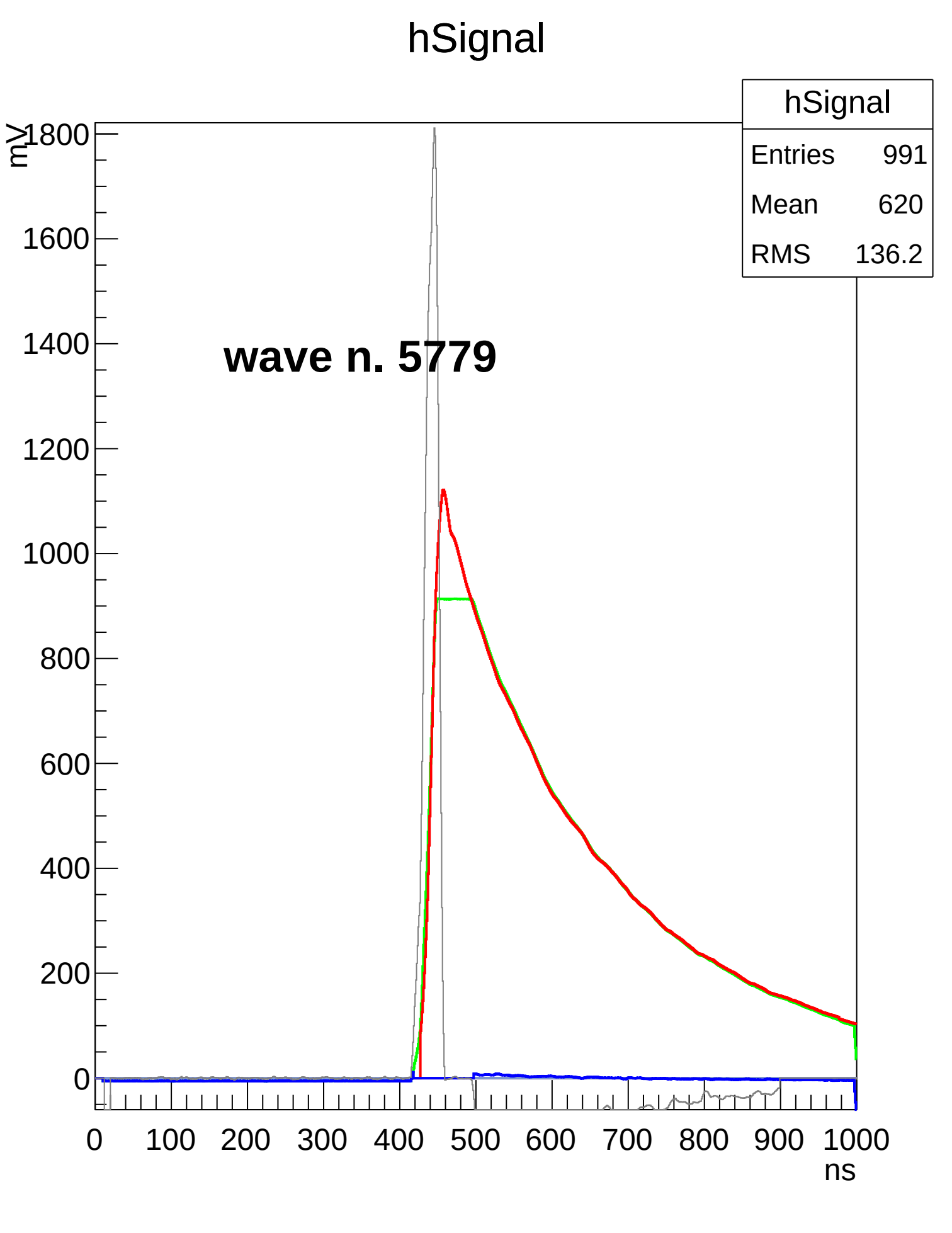
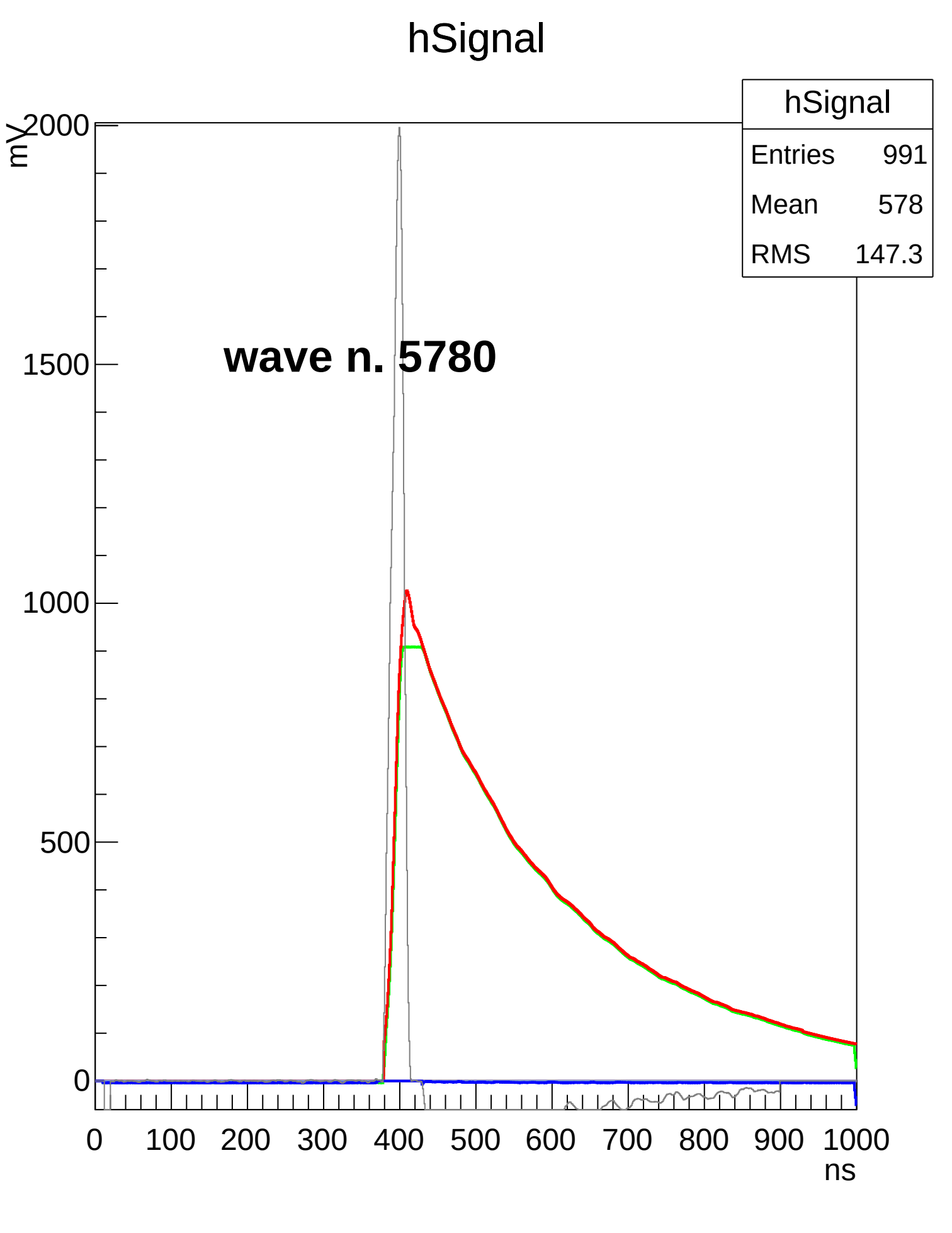
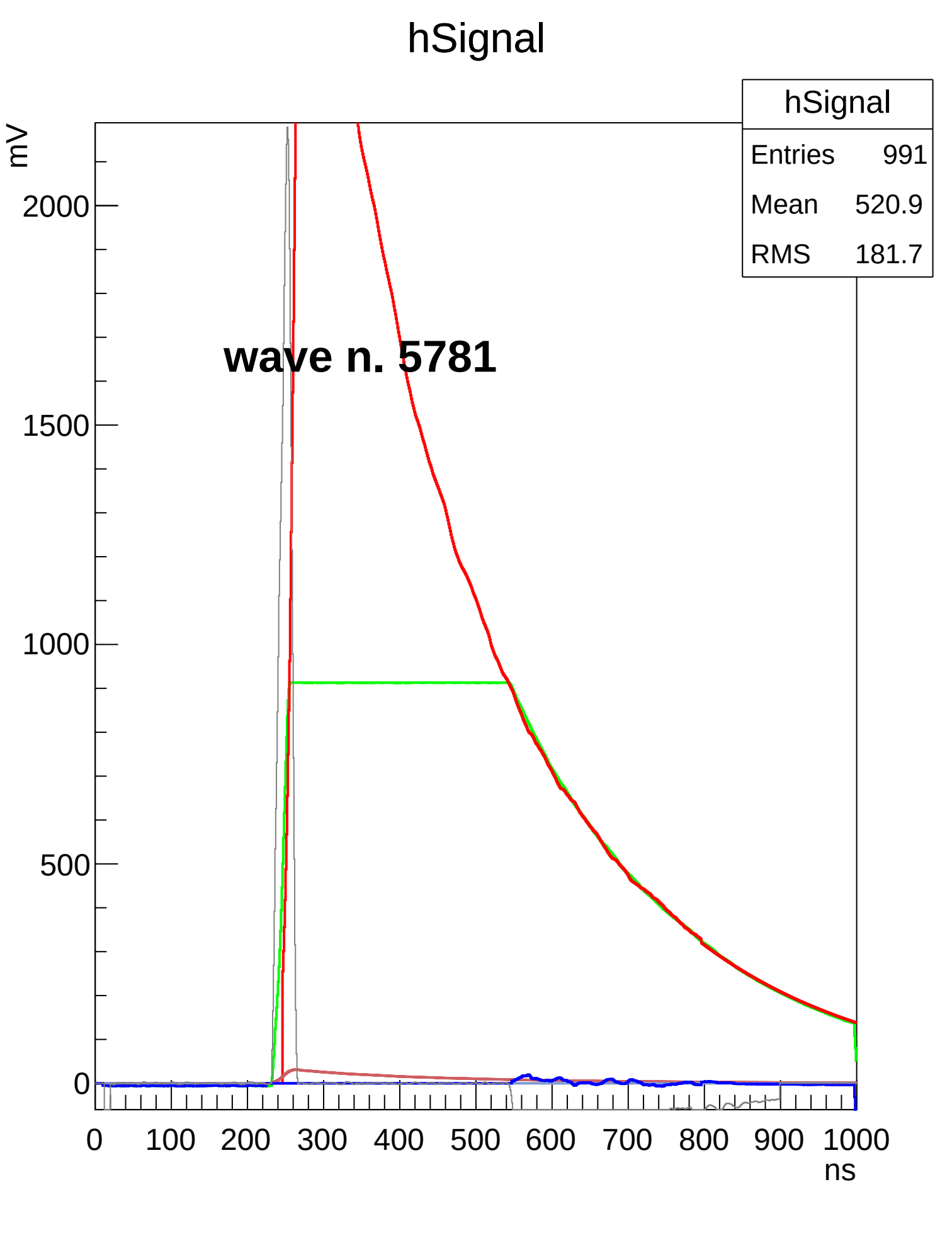
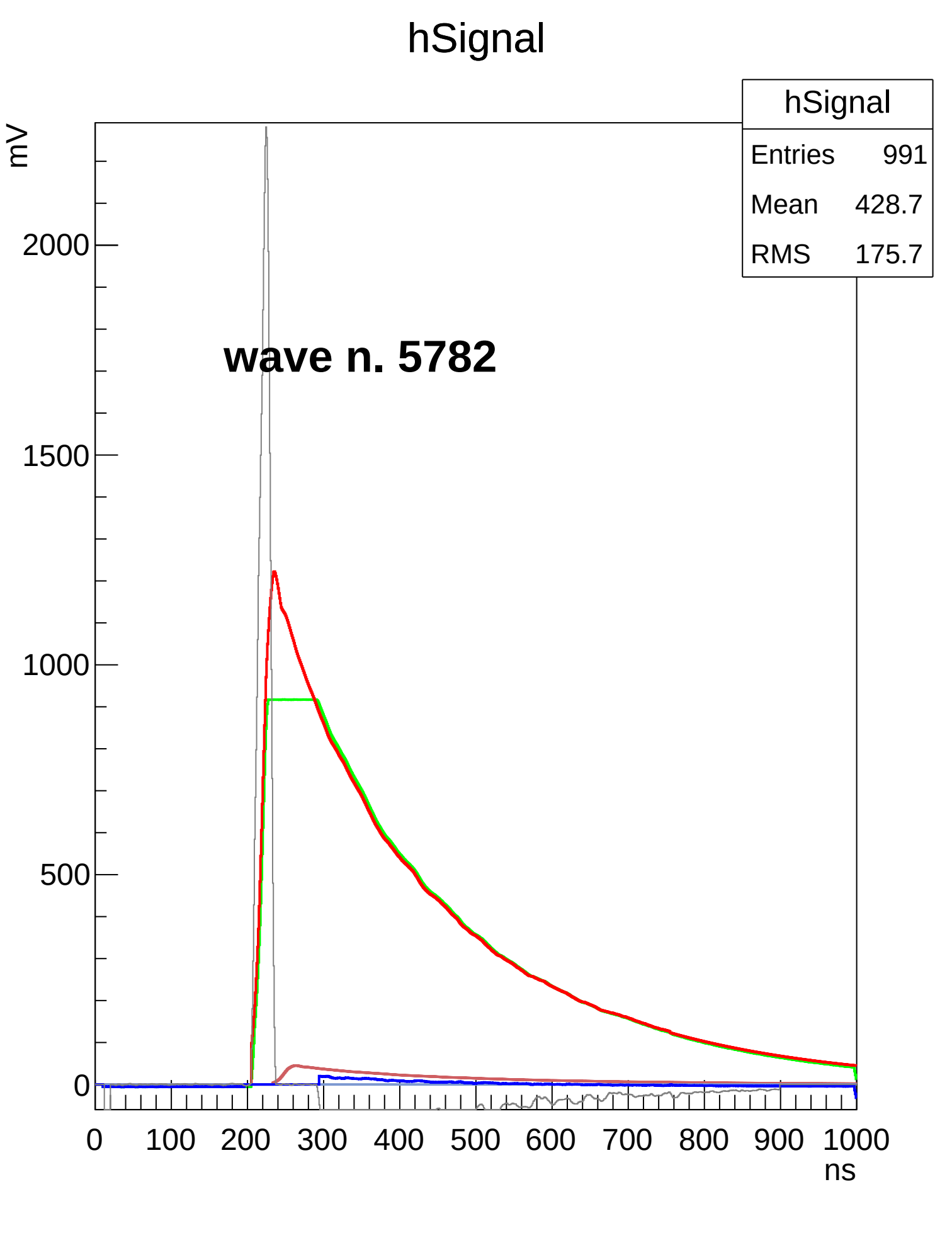
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns

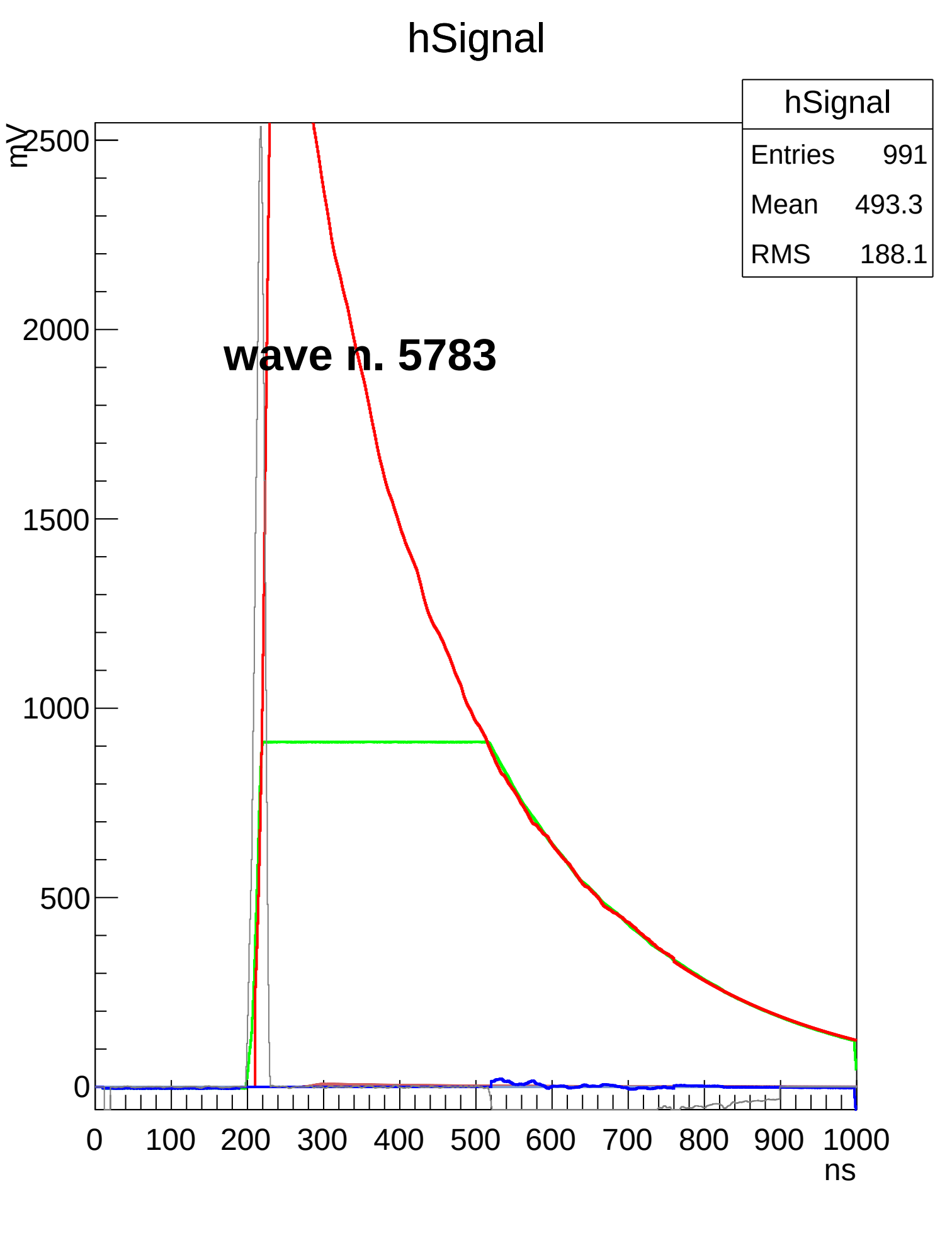

hSignal
hSignal
Entries 991
Mean 613.2
RMS 140.2
wave n. 5778
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

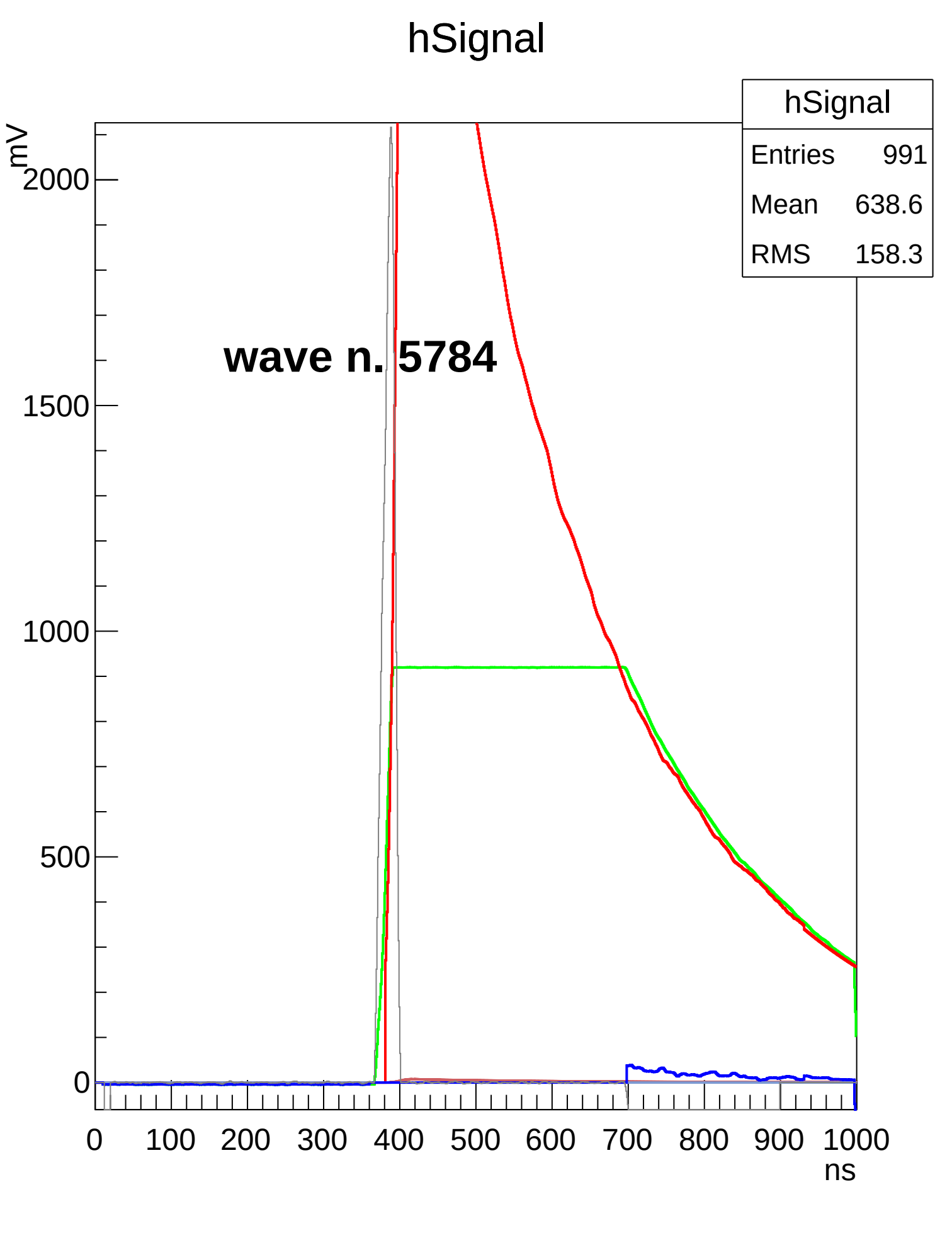

hSignal
hSignal
Entries 991
Mean 620
RMS 136.2
wave n. 5779
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

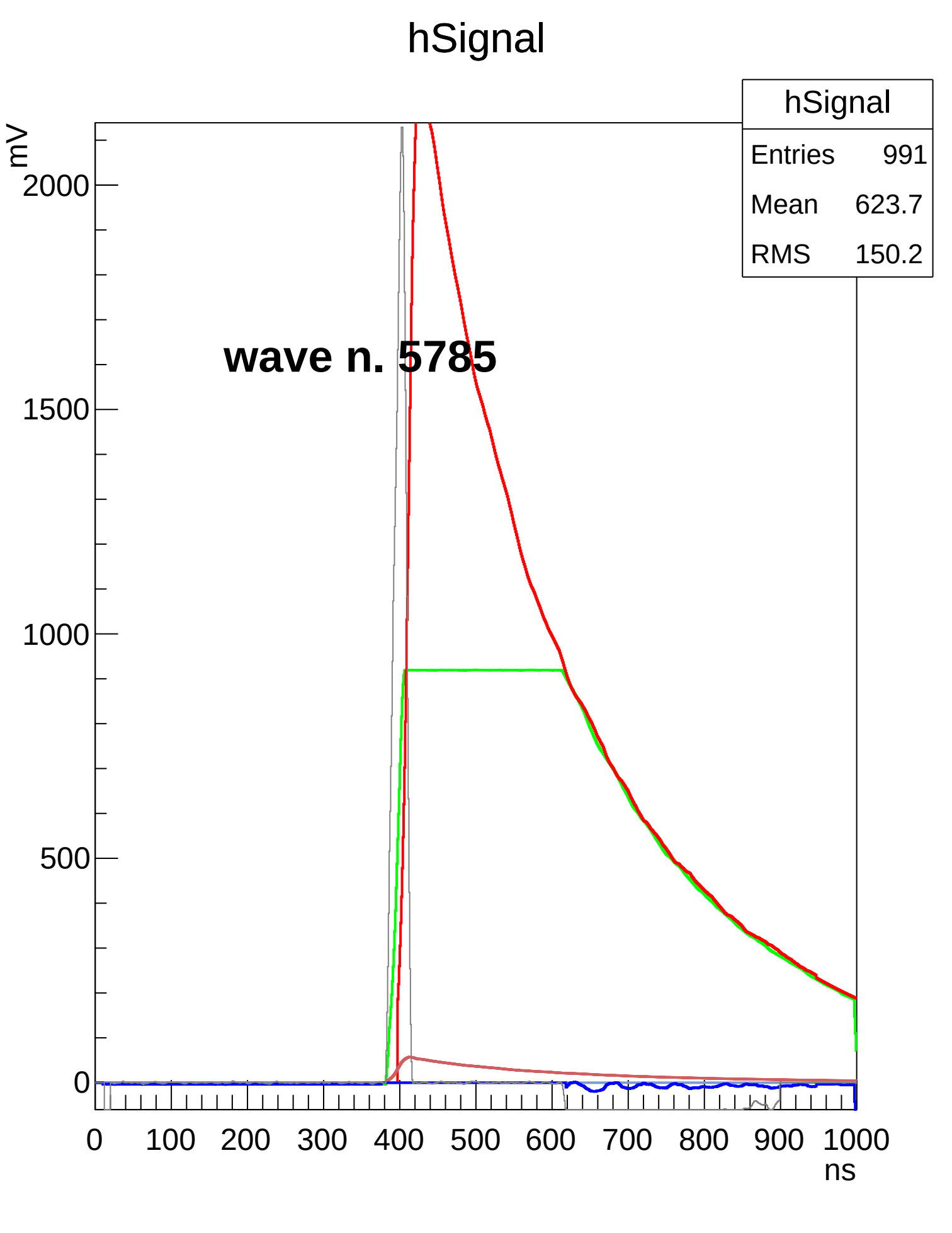

hSignal
hSignal
Entries 991
Mean 578
RMS 147.3
wave n. 5780
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

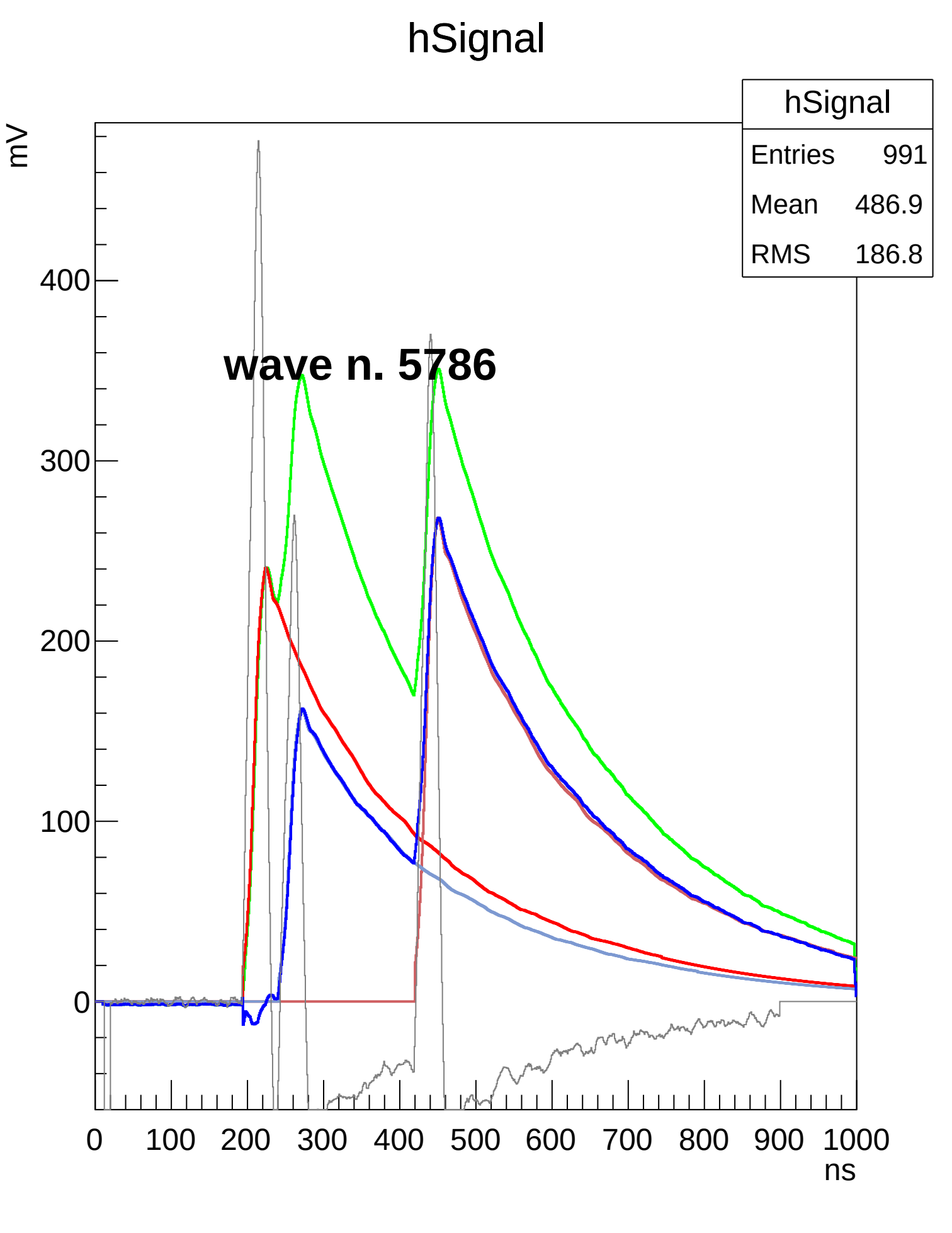

hSignal
hSignal
Entries 991
Mean 520.9
RMS 181.7
wave n. 5781
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

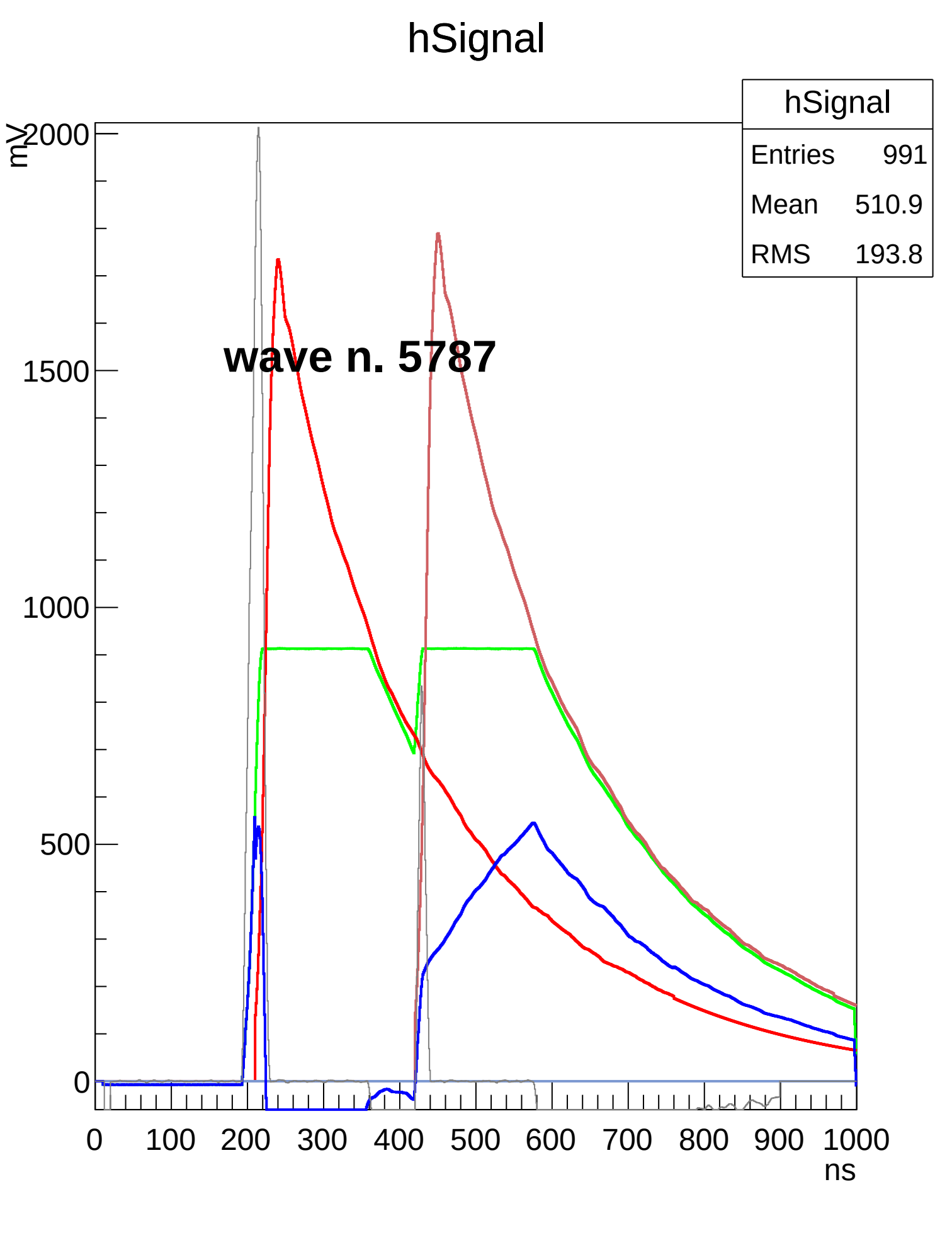

hSignal
hSignal
Entries 991
Mean 428.7
RMS 175.7
wave n. 5782
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

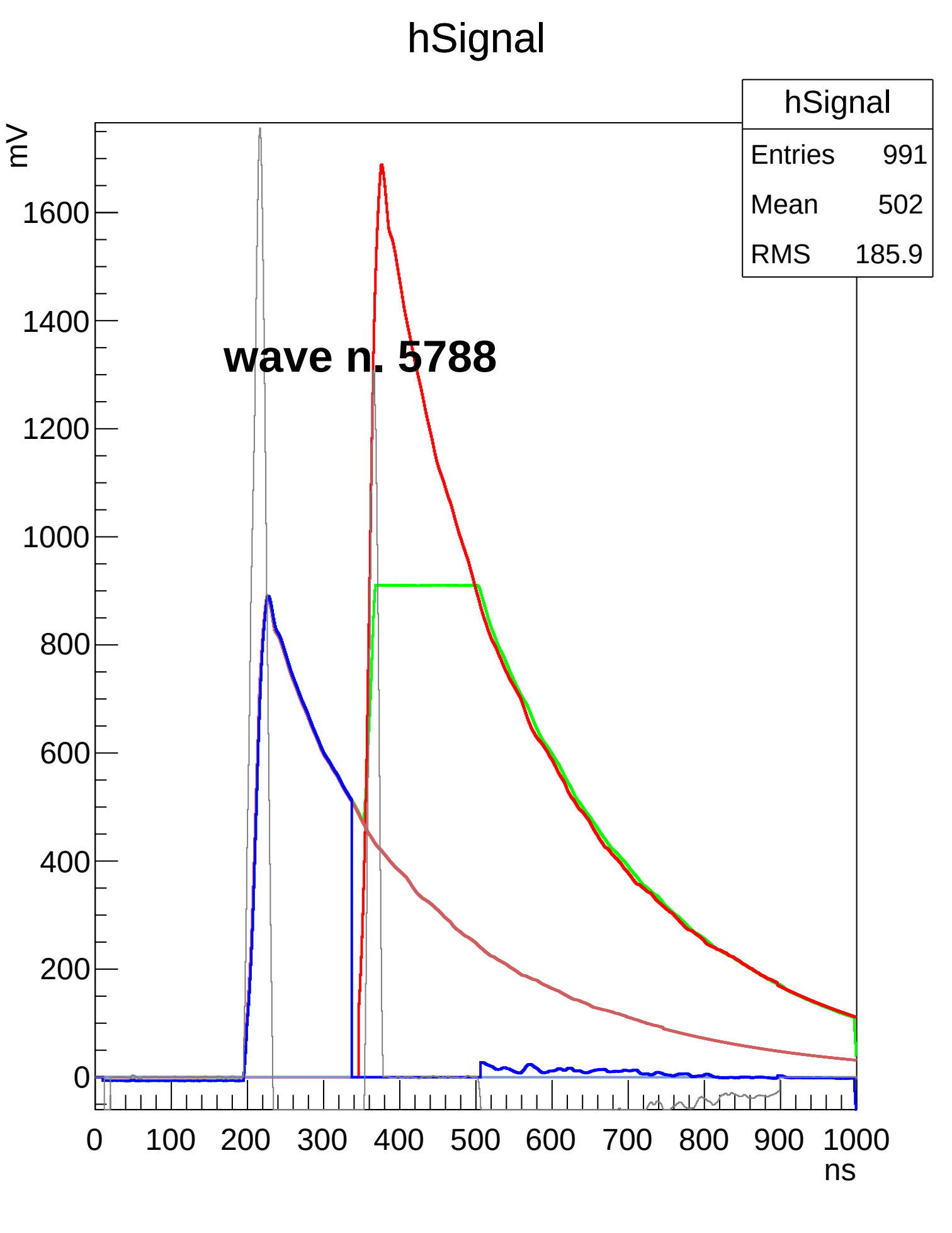

hSignal
hSignal
Entries 991
Mean 493.3
RMS 188.1
wave n. 5783
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

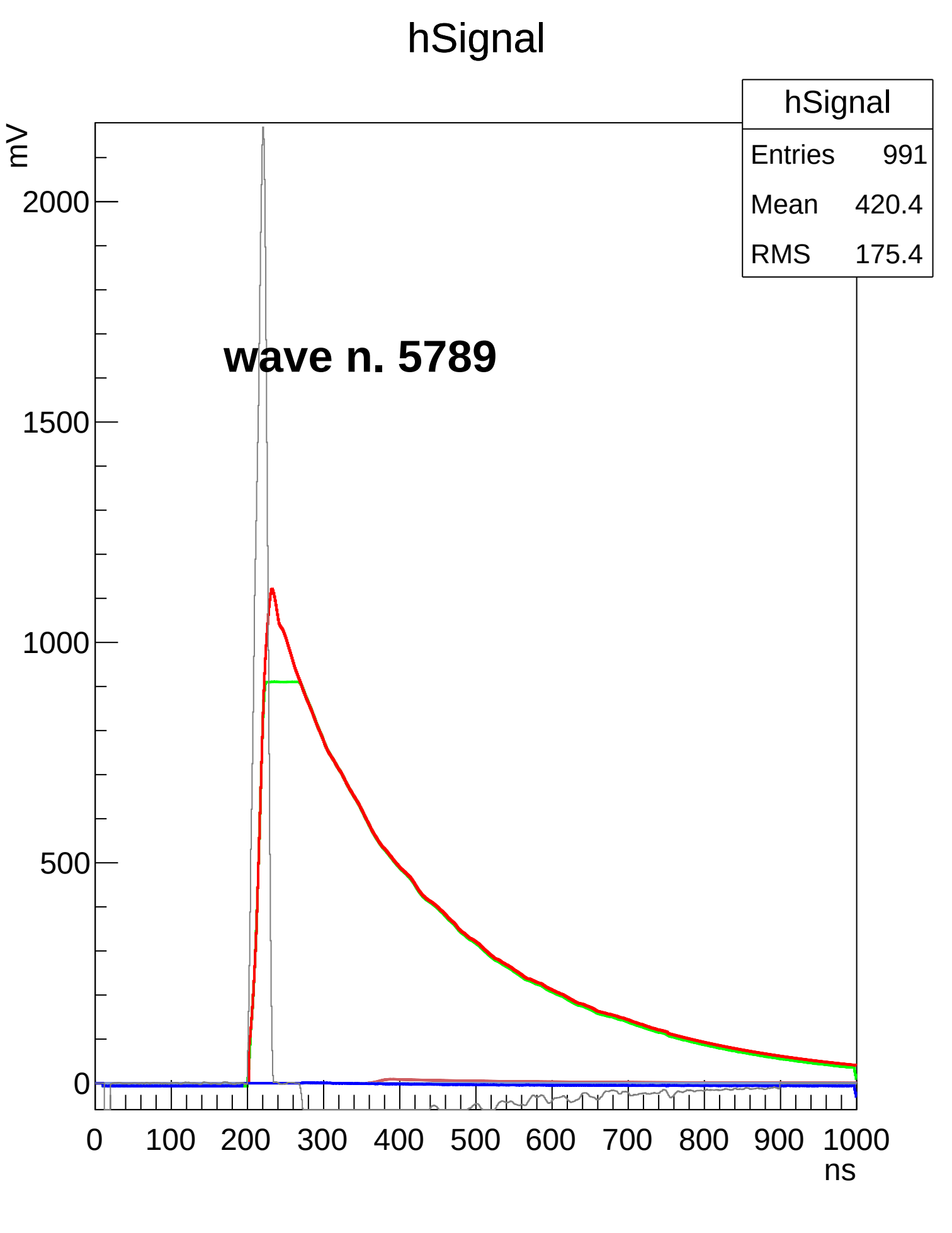

hSignal
hSignal
Entries 991
Mean 638.6
RMS 158.3
wave n. 5784
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns

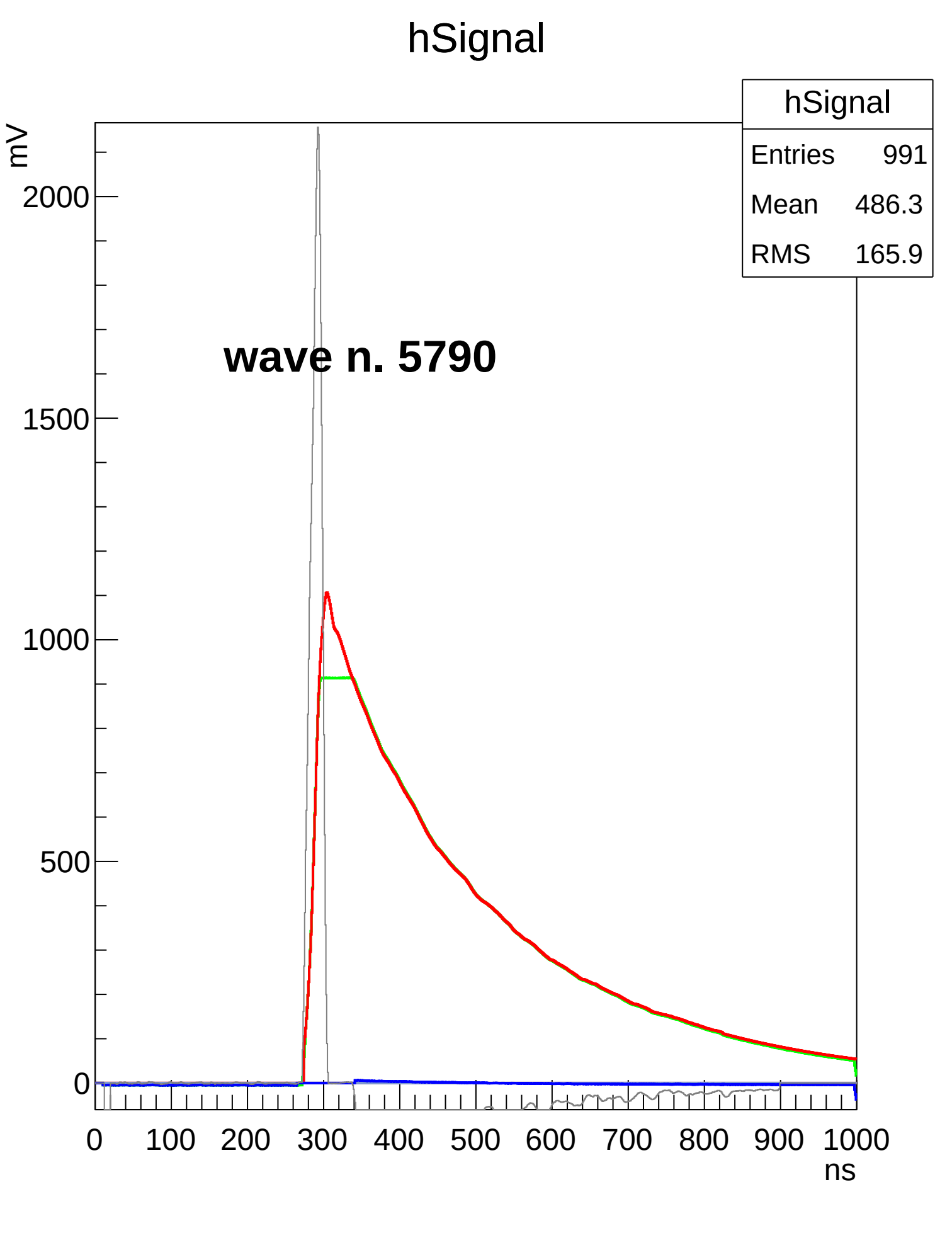

hSignal
hSignal
Entries 991
Mean 623.7
RMS 150.2
wave n. 5785
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

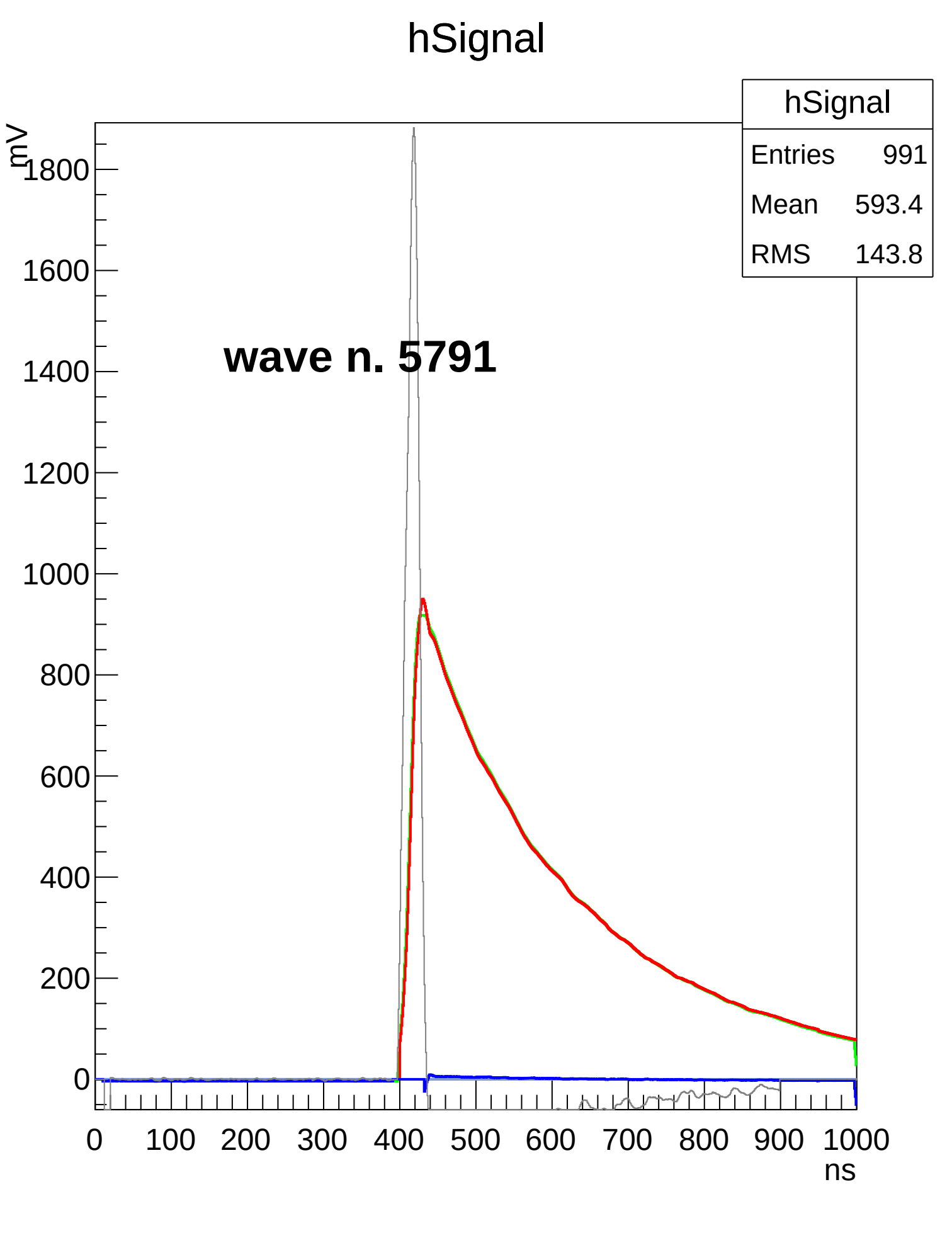

hSignal
hSignal
Entries 991
Mean 486.9
RMS 186.8
wave n. 5786
mV
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns

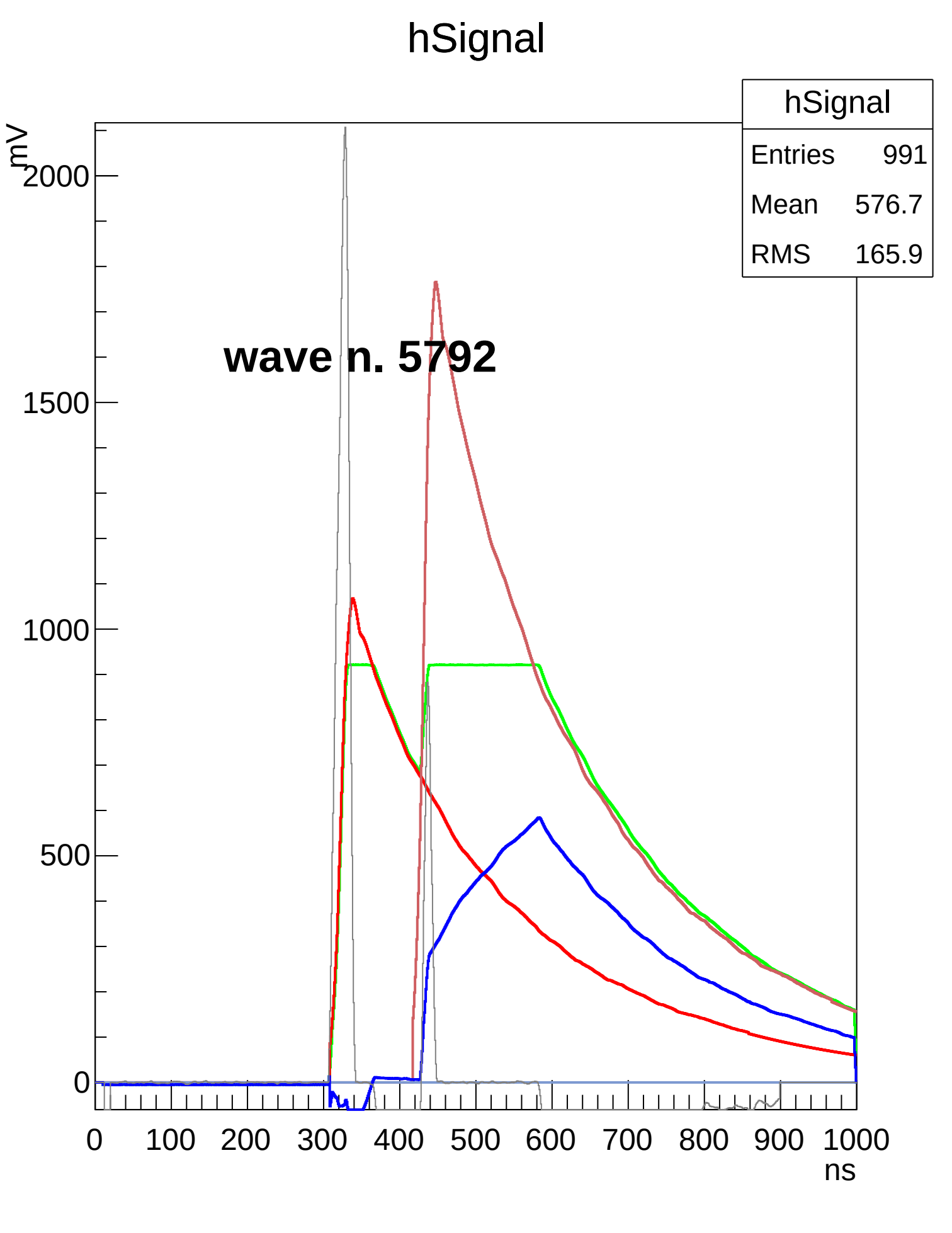

hSignal
hSignal
Entries 991
Mean 510.9
RMS 193.8
wave n. 5787
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

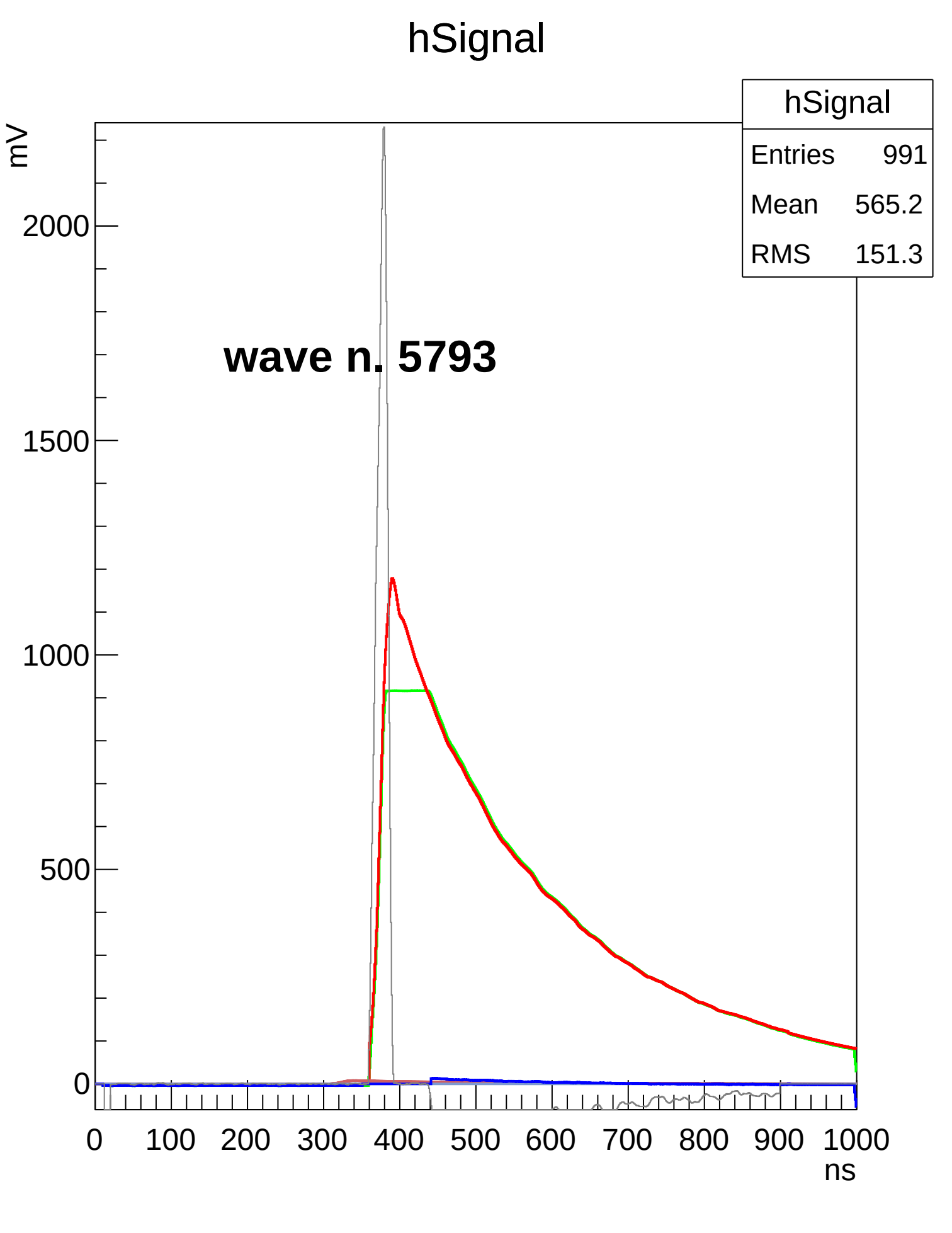

hSignal
hSignal
Entries 991
Mean 502
RMS 185.9
wave n. 5788
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 420.4
RMS 175.4
wave n. 5789
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 486.3
RMS 165.9
wave n. 5790
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 593.4
RMS 143.8
wave n. 5791
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 576.7
RMS 165.9
wave n. 5792
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 565.2
RMS 151.3
wave n. 5793
mV
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1500
1000
500
0
0
100
200
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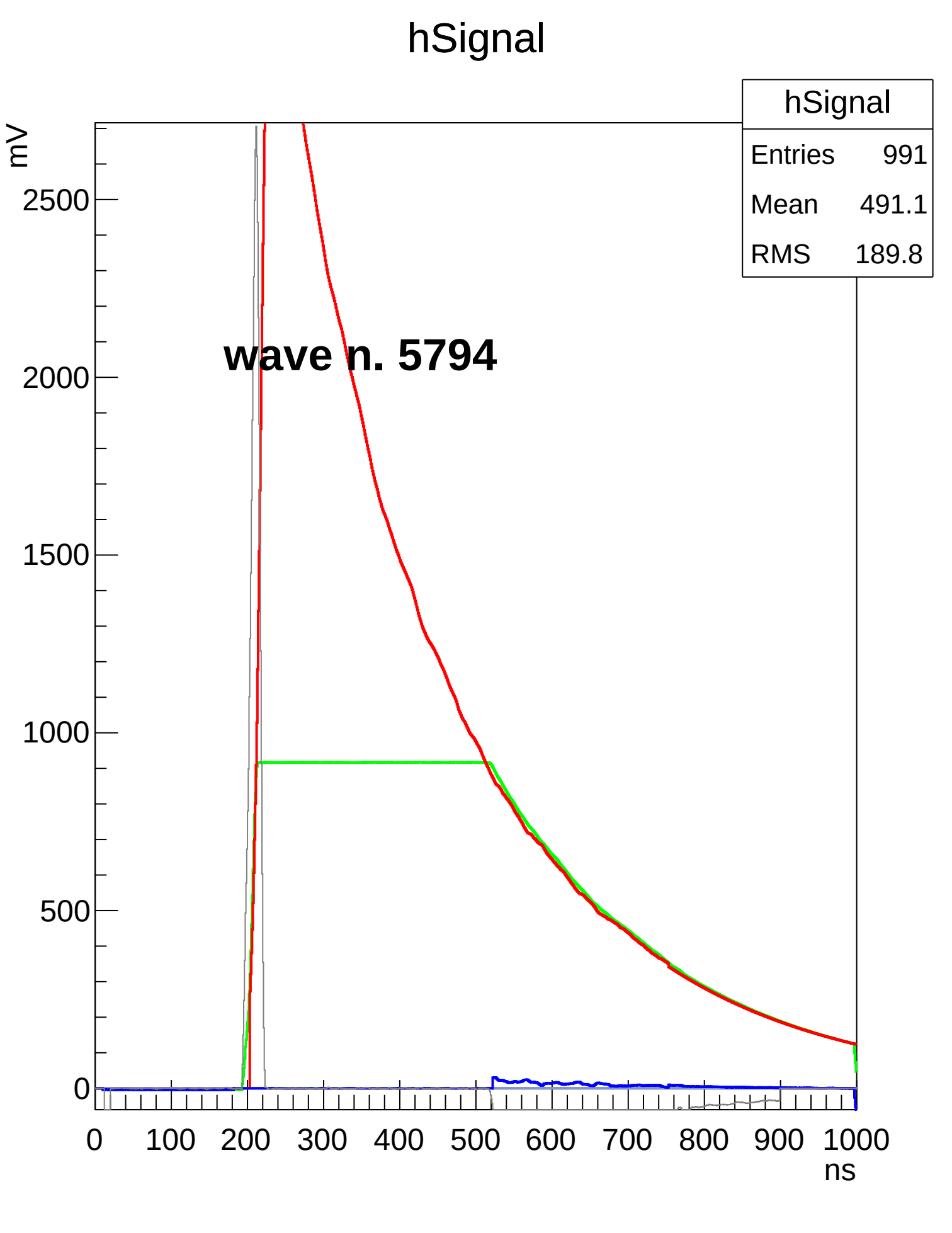
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 491.1
RMS 189.8
wave n. 5794
mV
2500
2000
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1000
500
0
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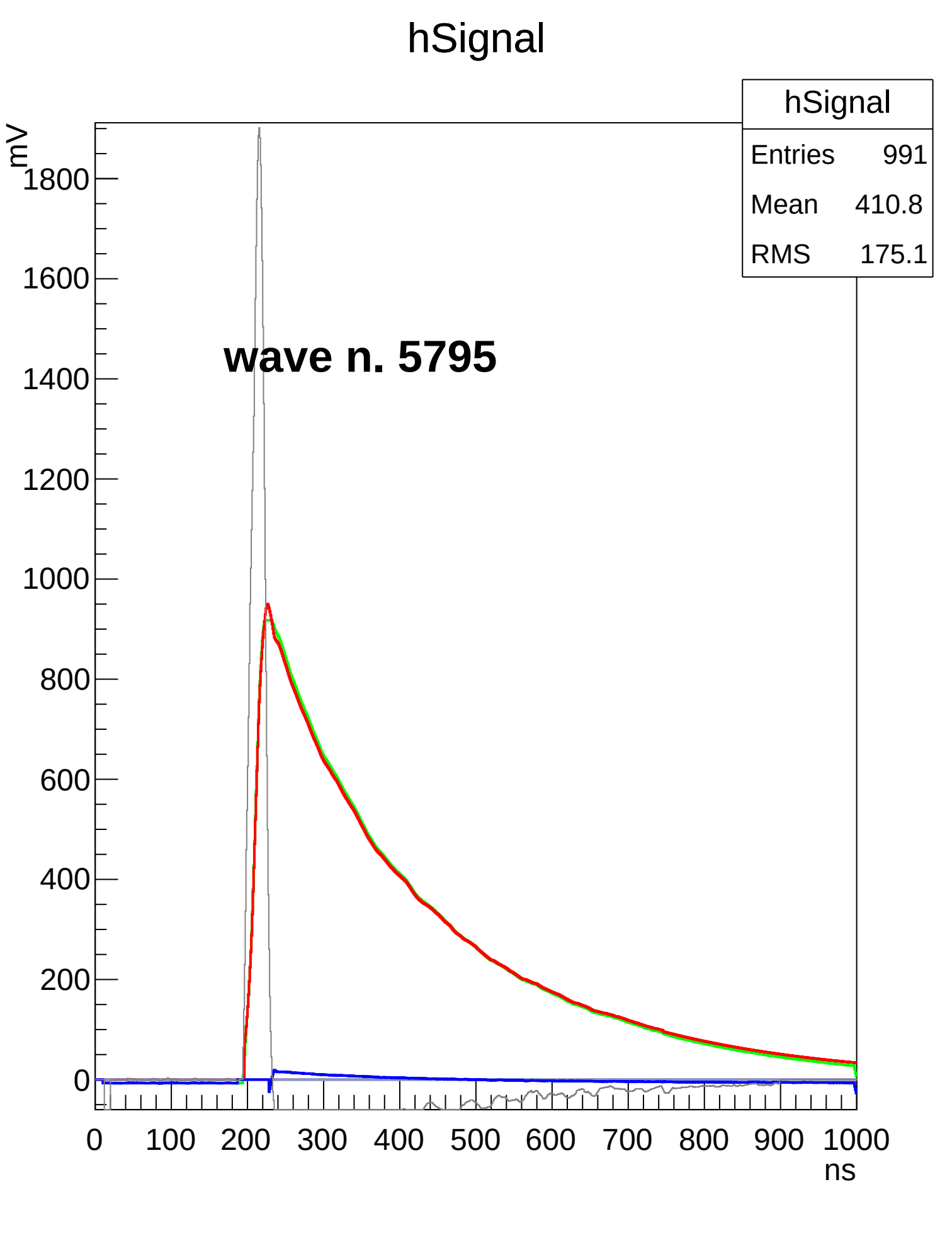
ns


hSignal
hSignal
Entries 991
Mean 410.8
RMS 175.1
wave n. 5795
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
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600
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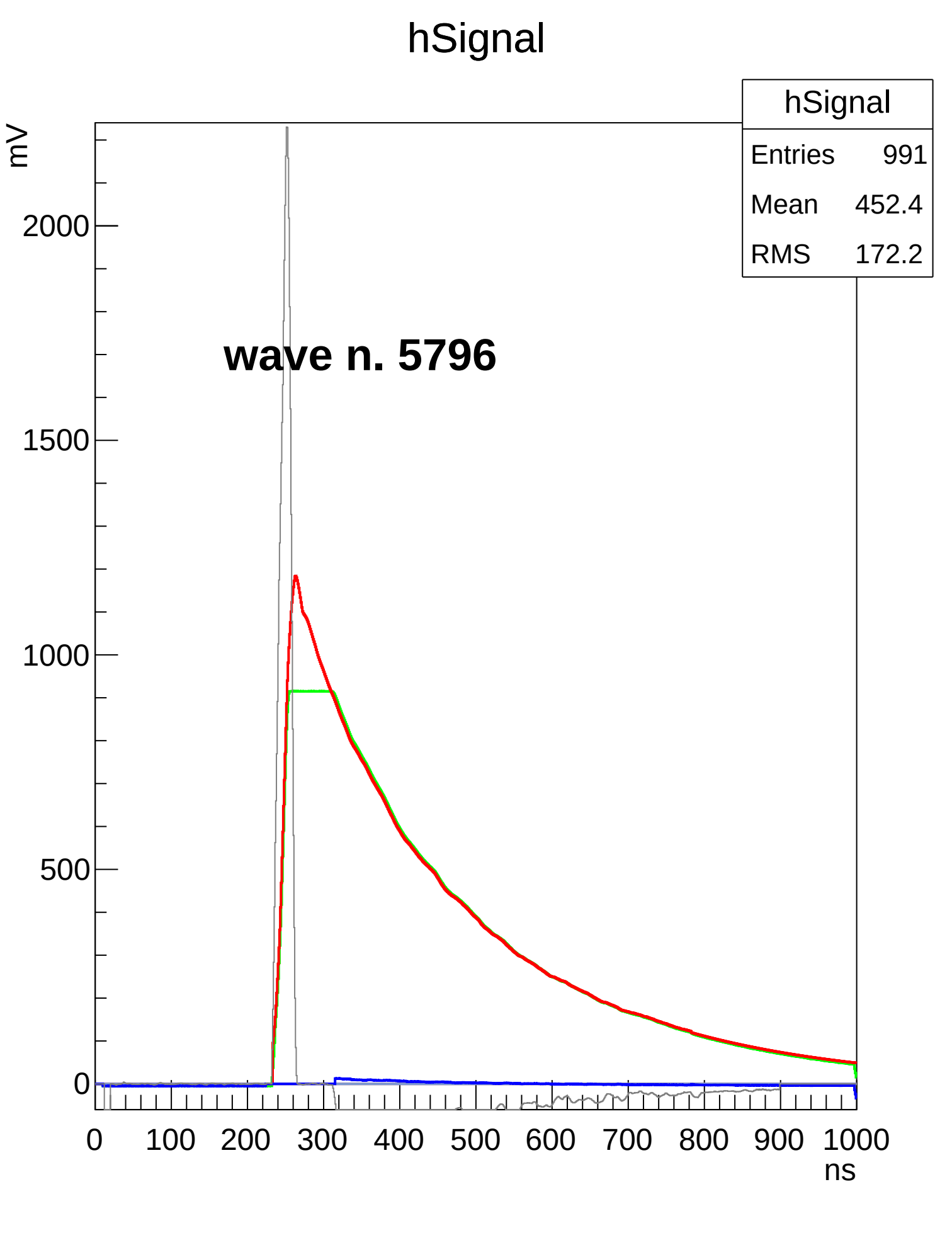
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 452.4
RMS 172.2
wave n. 5796
mV
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1500
1000
500
0
0
100
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800
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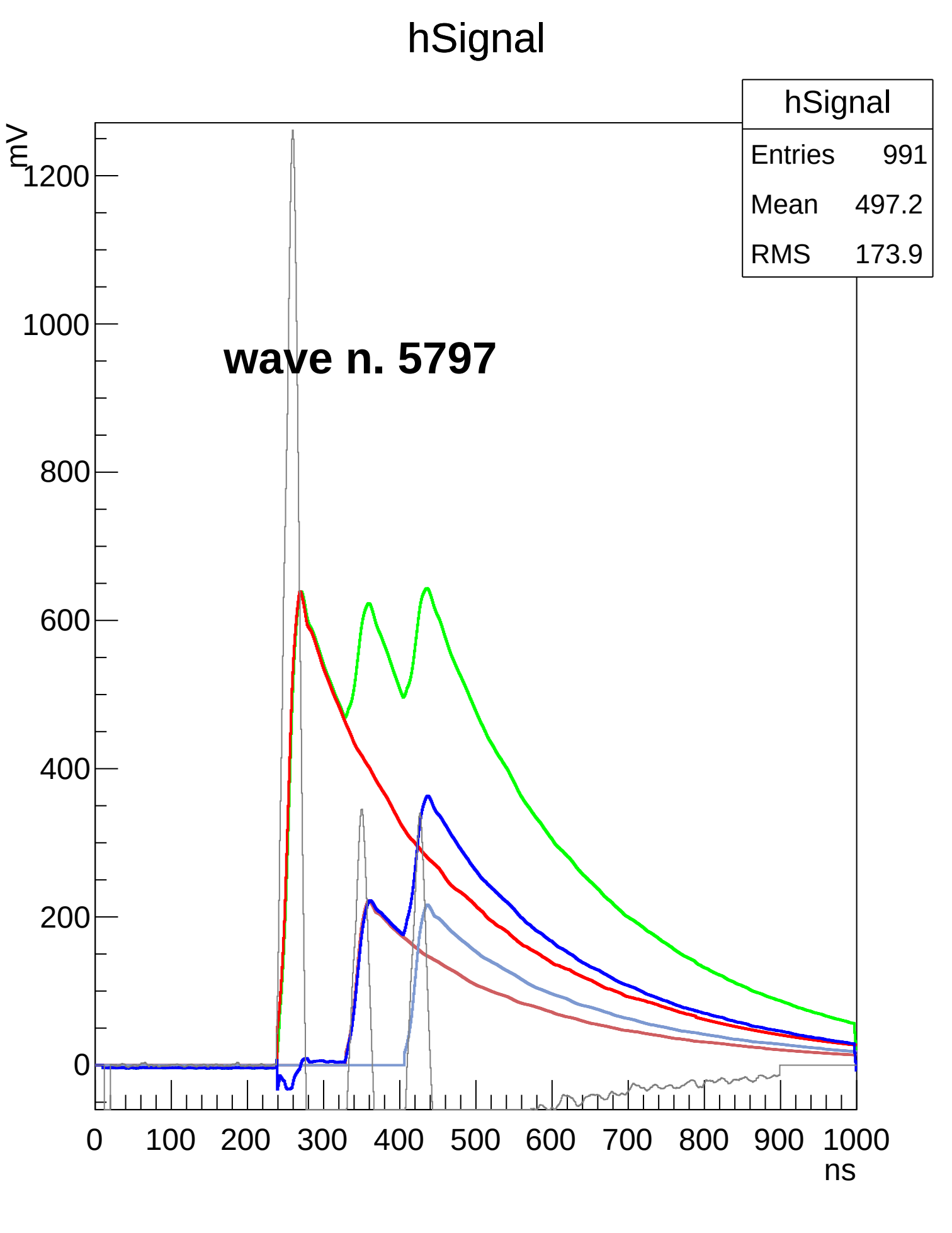
1000
ns


hSignal
hSignal
Entries 991
Mean 497.2
RMS 173.9
wave n. 5797
mV
1200
1000
800
600
400
200
0
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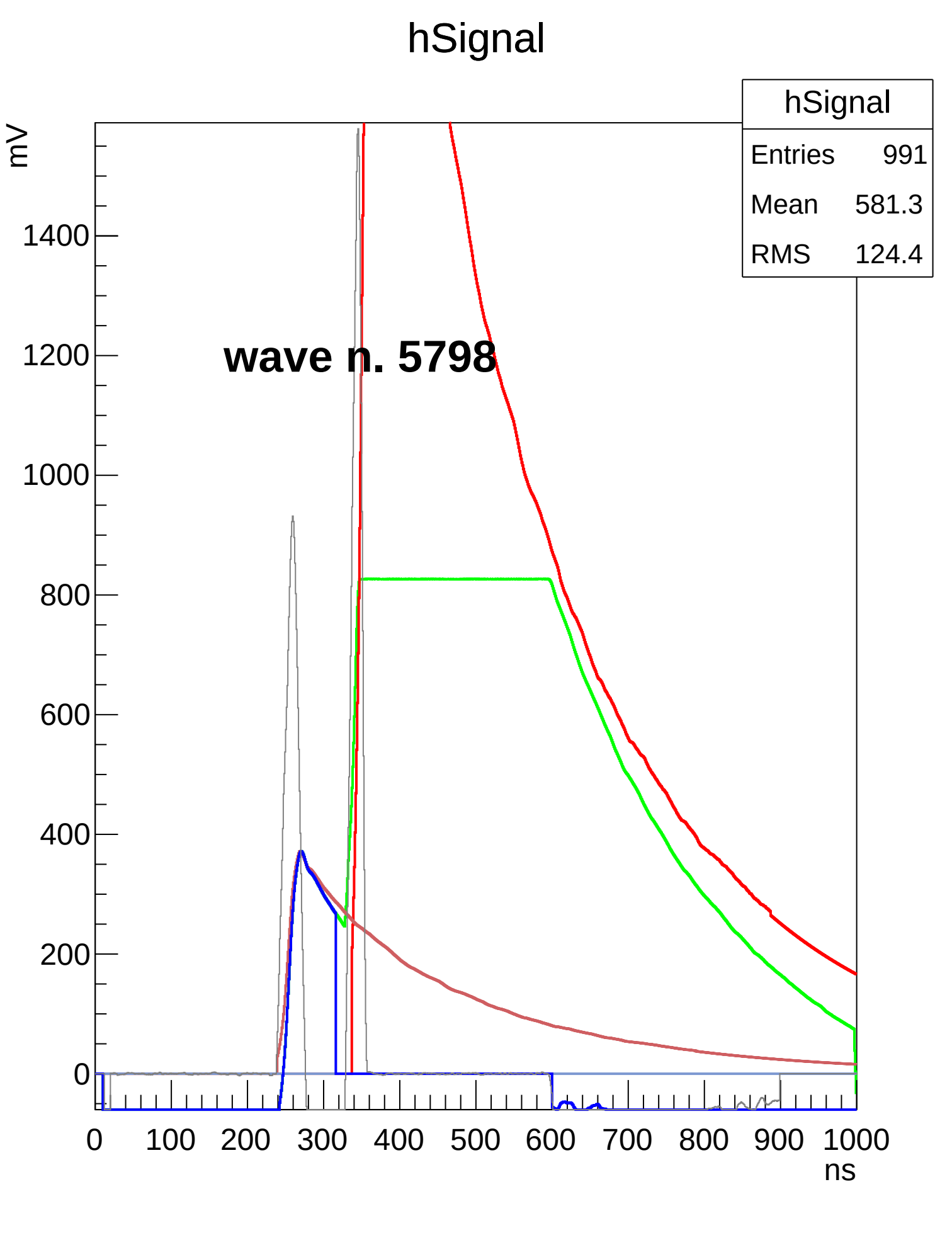
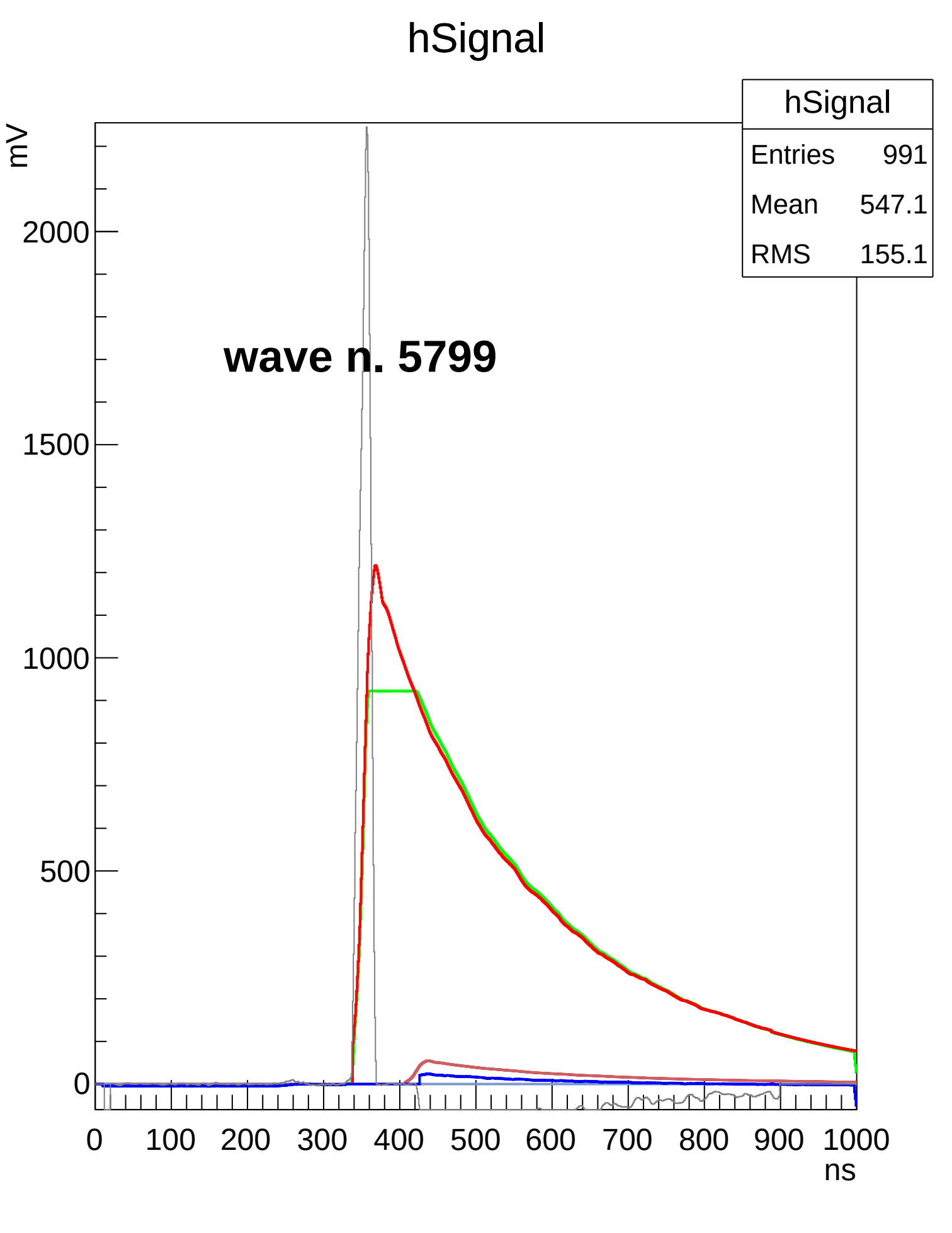
ns


hSignal
hSignal
Entries 991
Mean 581.3
RMS 124.4
wave n. 5798
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 547.1
RMS 155.1
wave n. 5799
mV
2000
1500
1000
500
0
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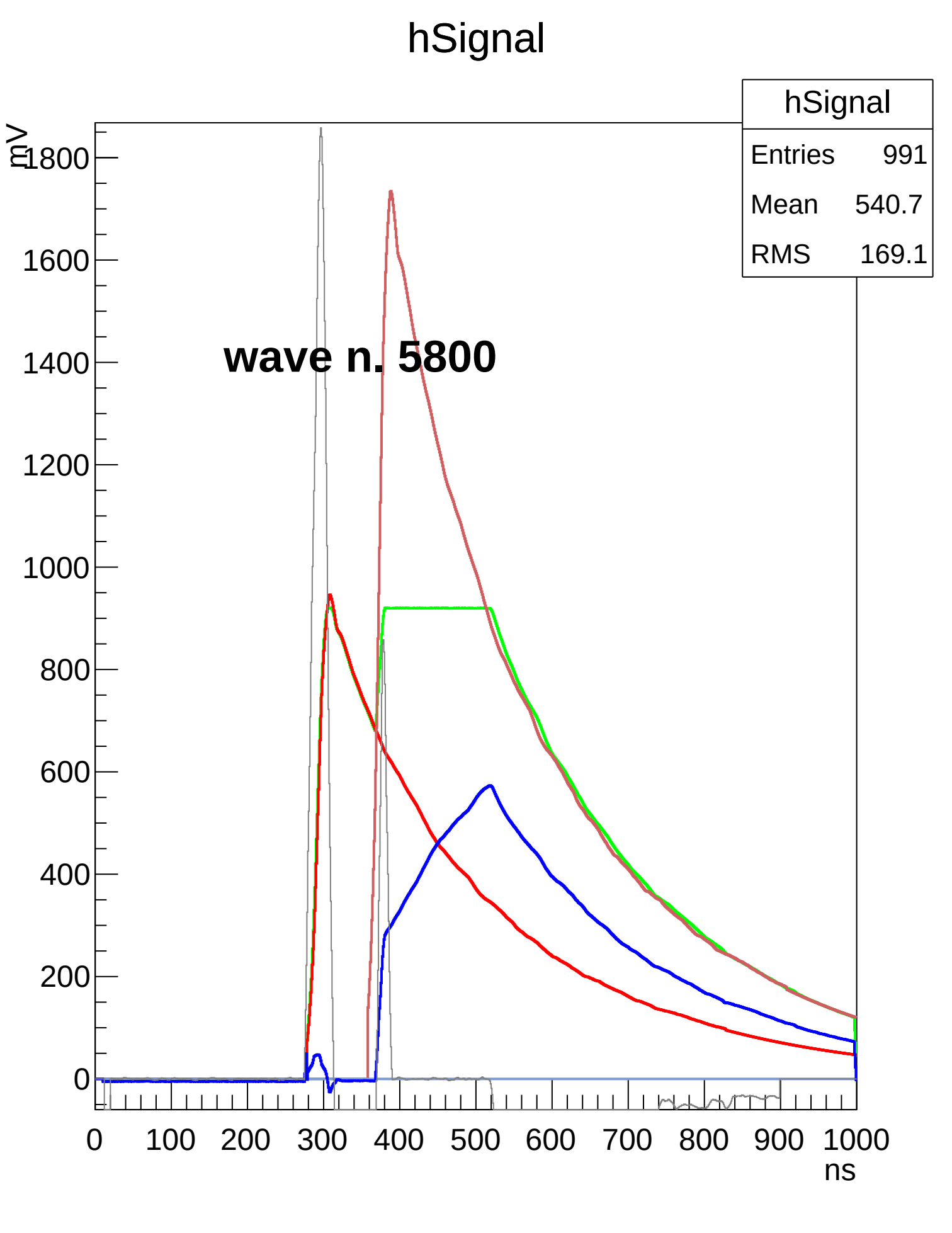
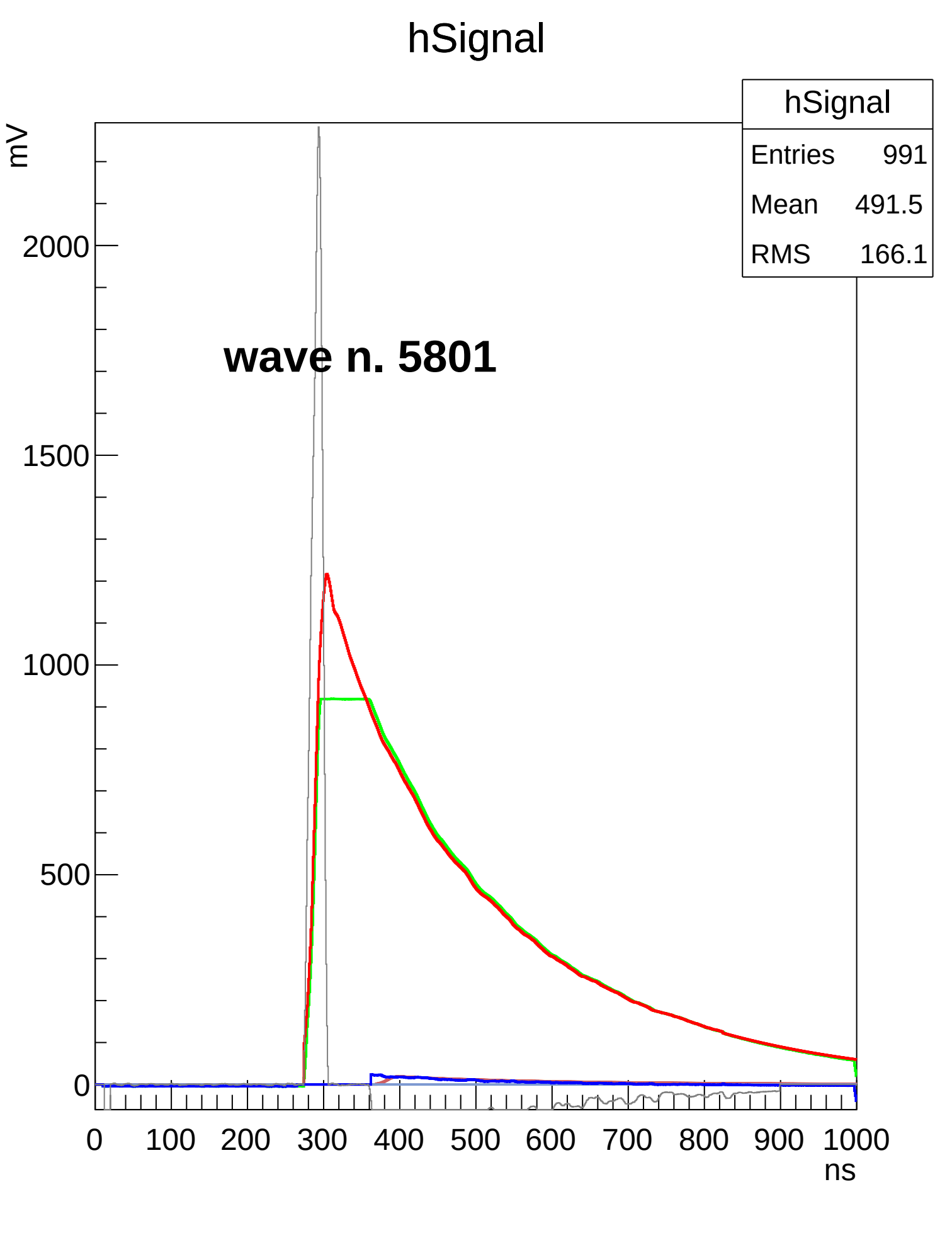
ns


hSignal
hSignal
Entries 991
Mean 540.7
RMS 169.1
wave n. 5800
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 491.5
RMS 166.1
wave n. 5801
mV
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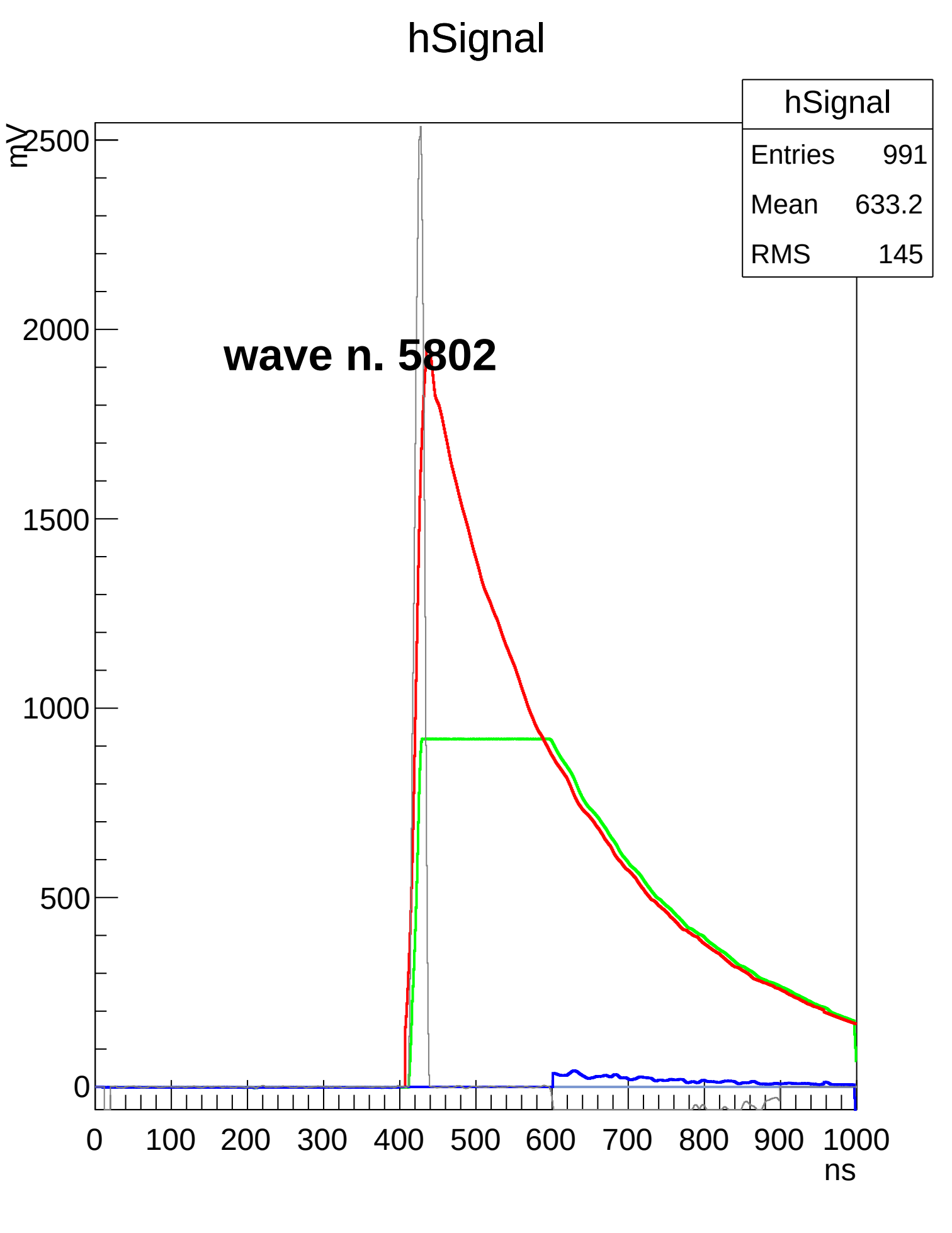
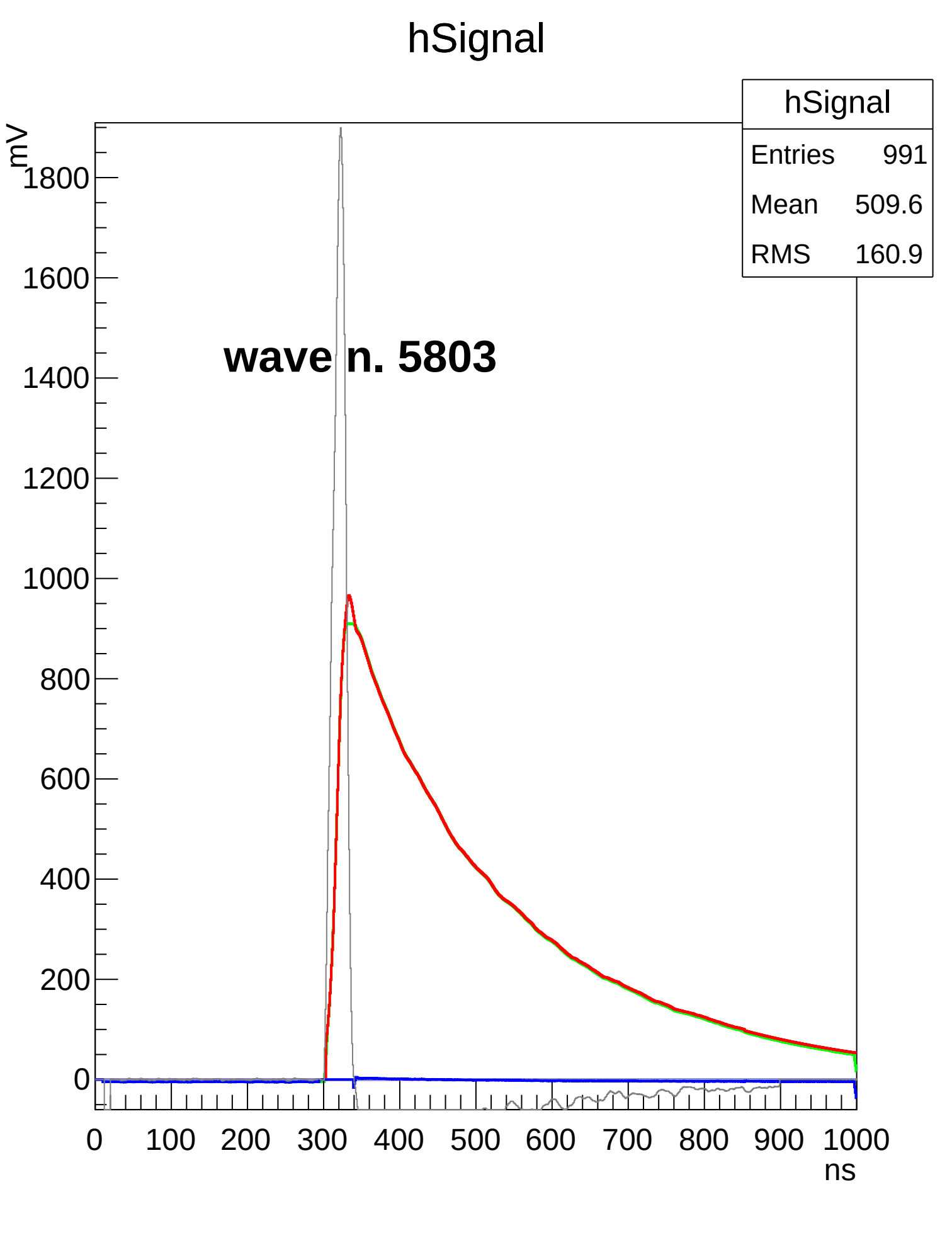
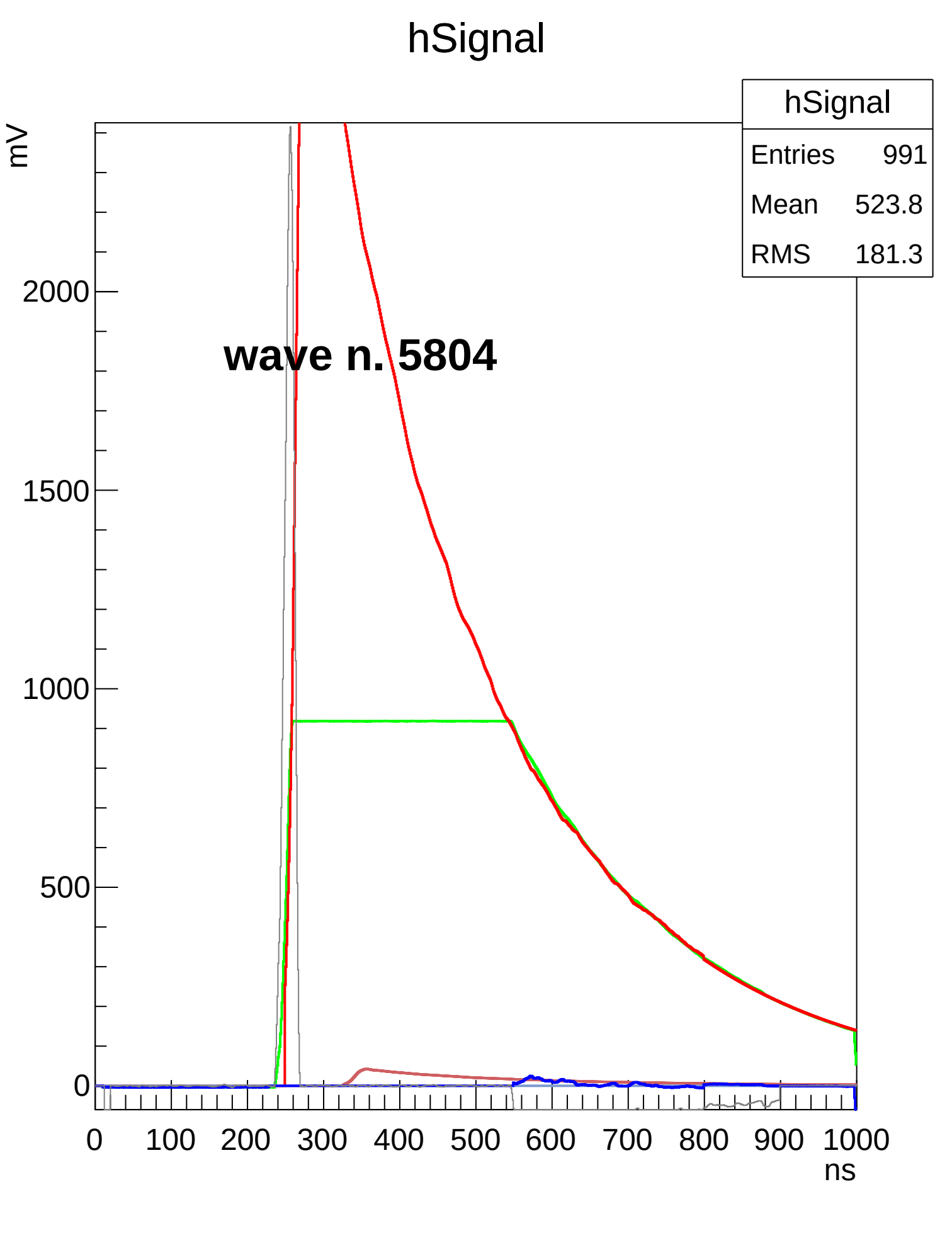
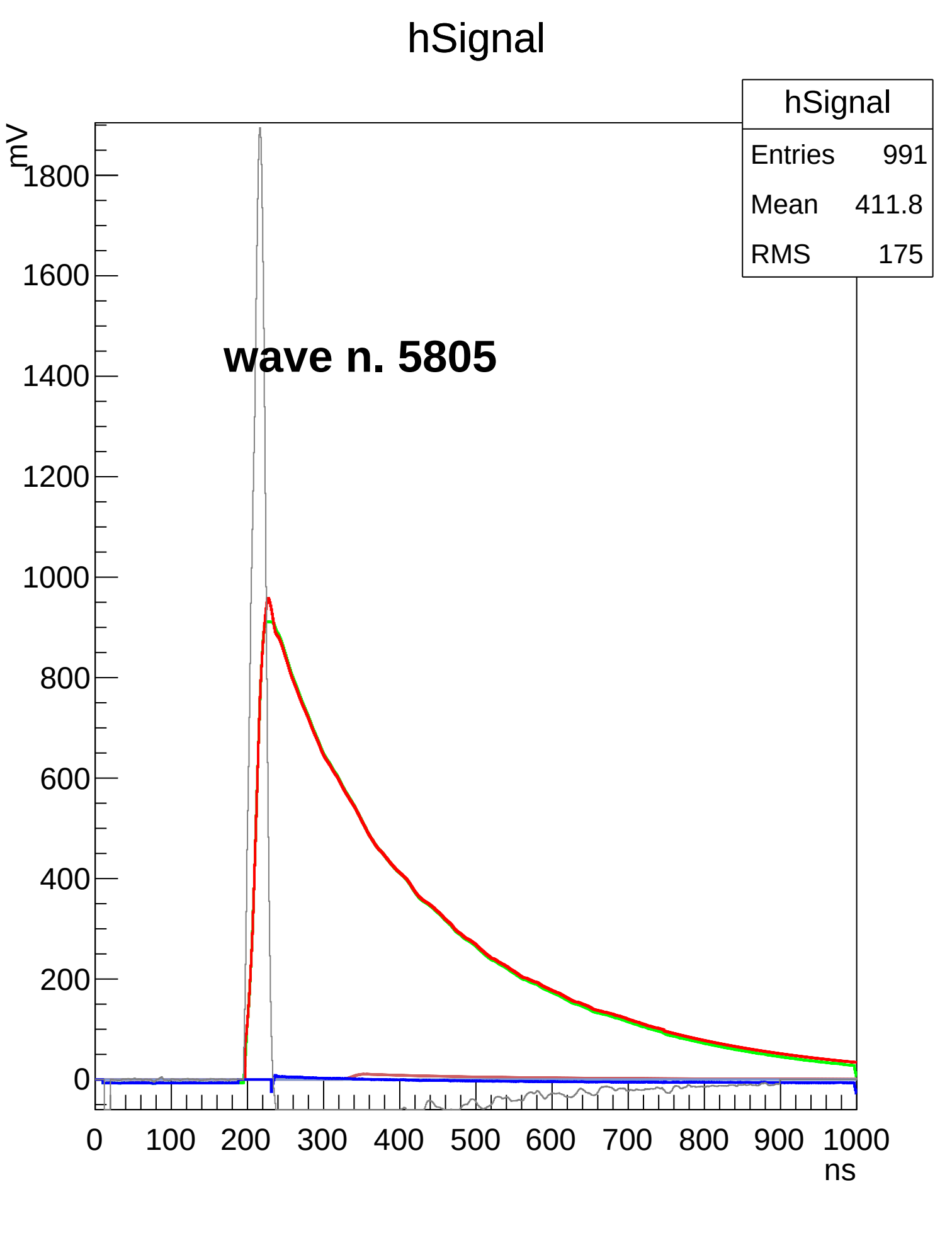
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 633.2
RMS 145
wave n. 5802
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 509.6
RMS 160.9
wave n. 5803
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 523.8
RMS 181.3
wave n. 5804
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 411.8
RMS 175
wave n. 5805
mV
1800
1600
1400
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600
400
200
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200
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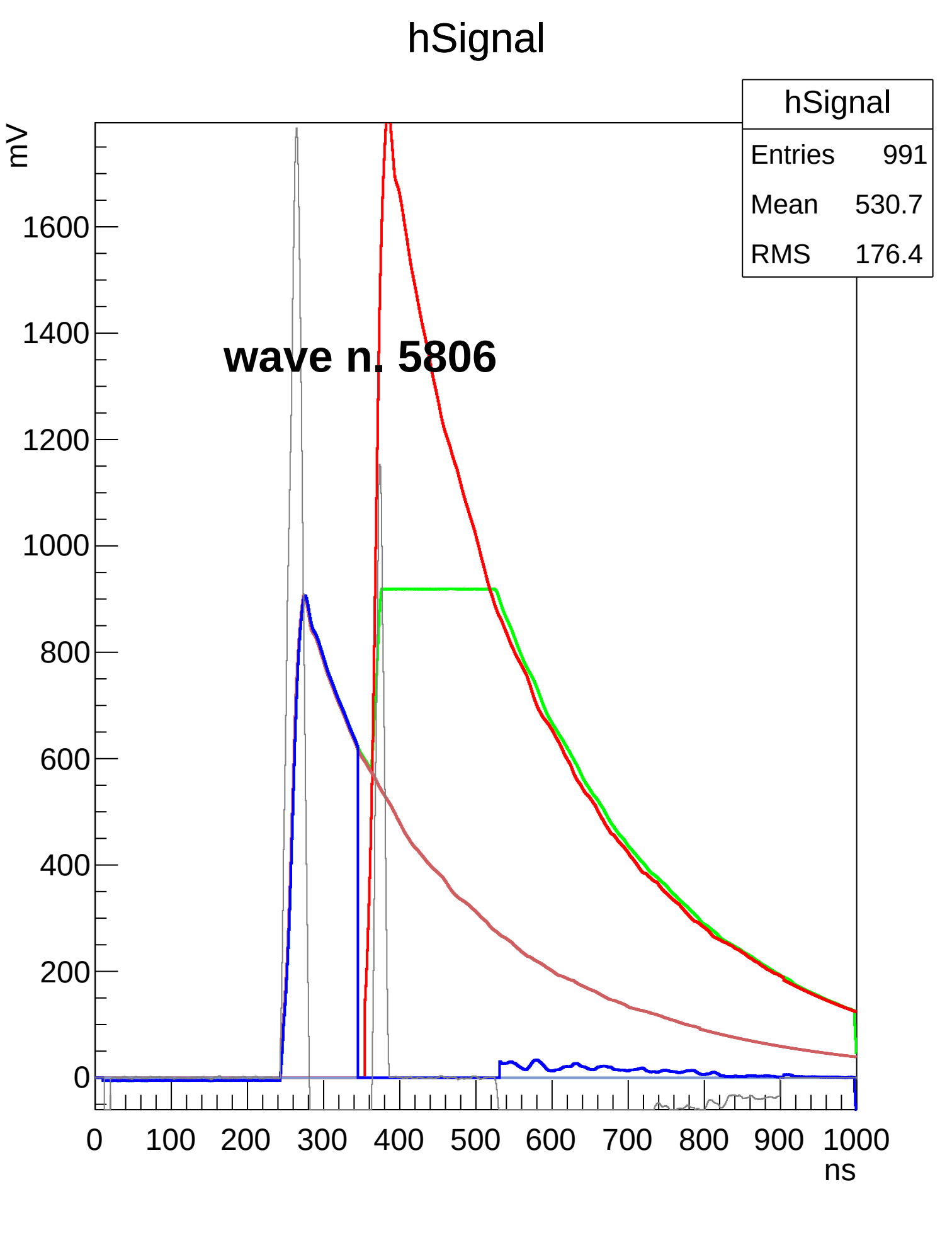
1000
ns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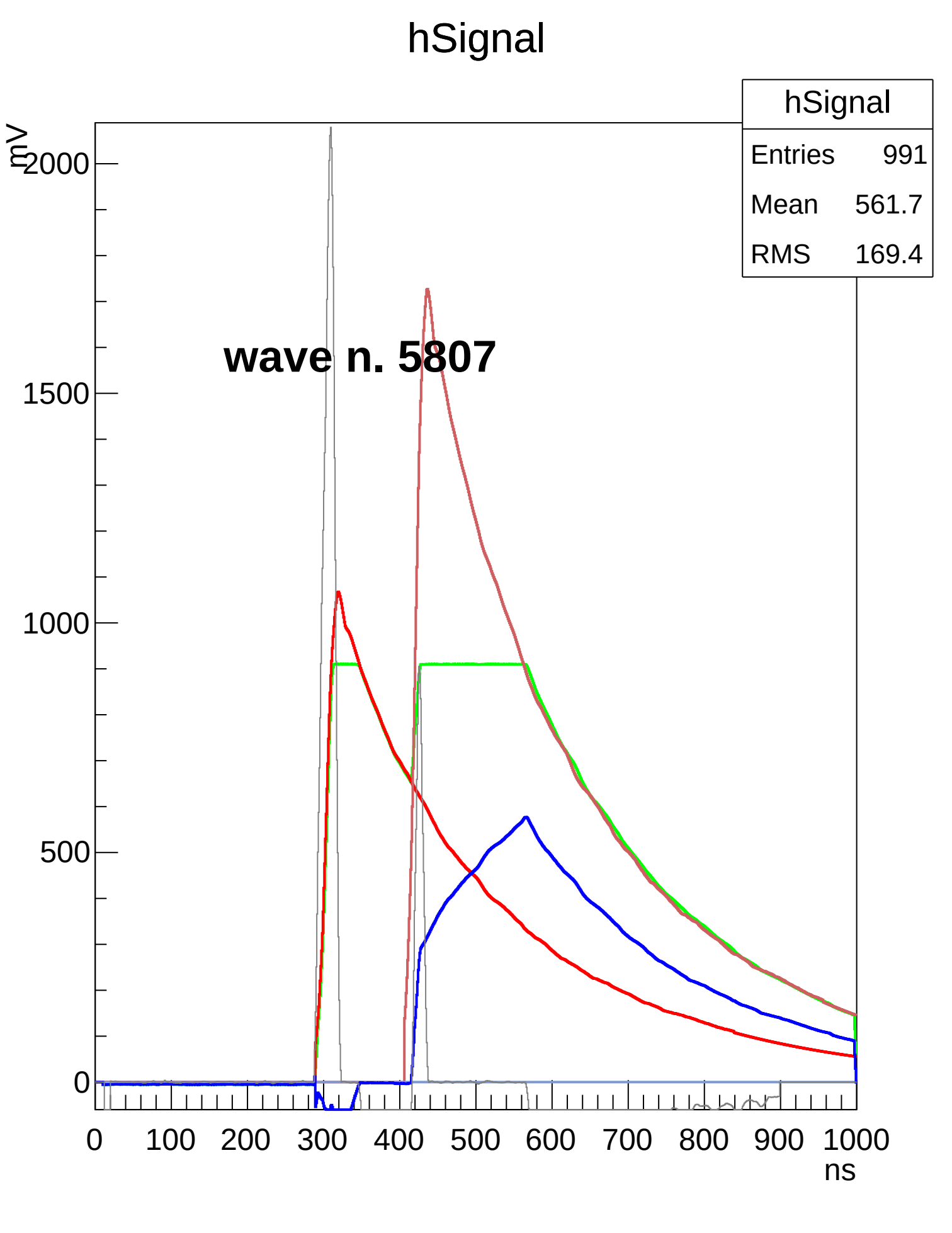
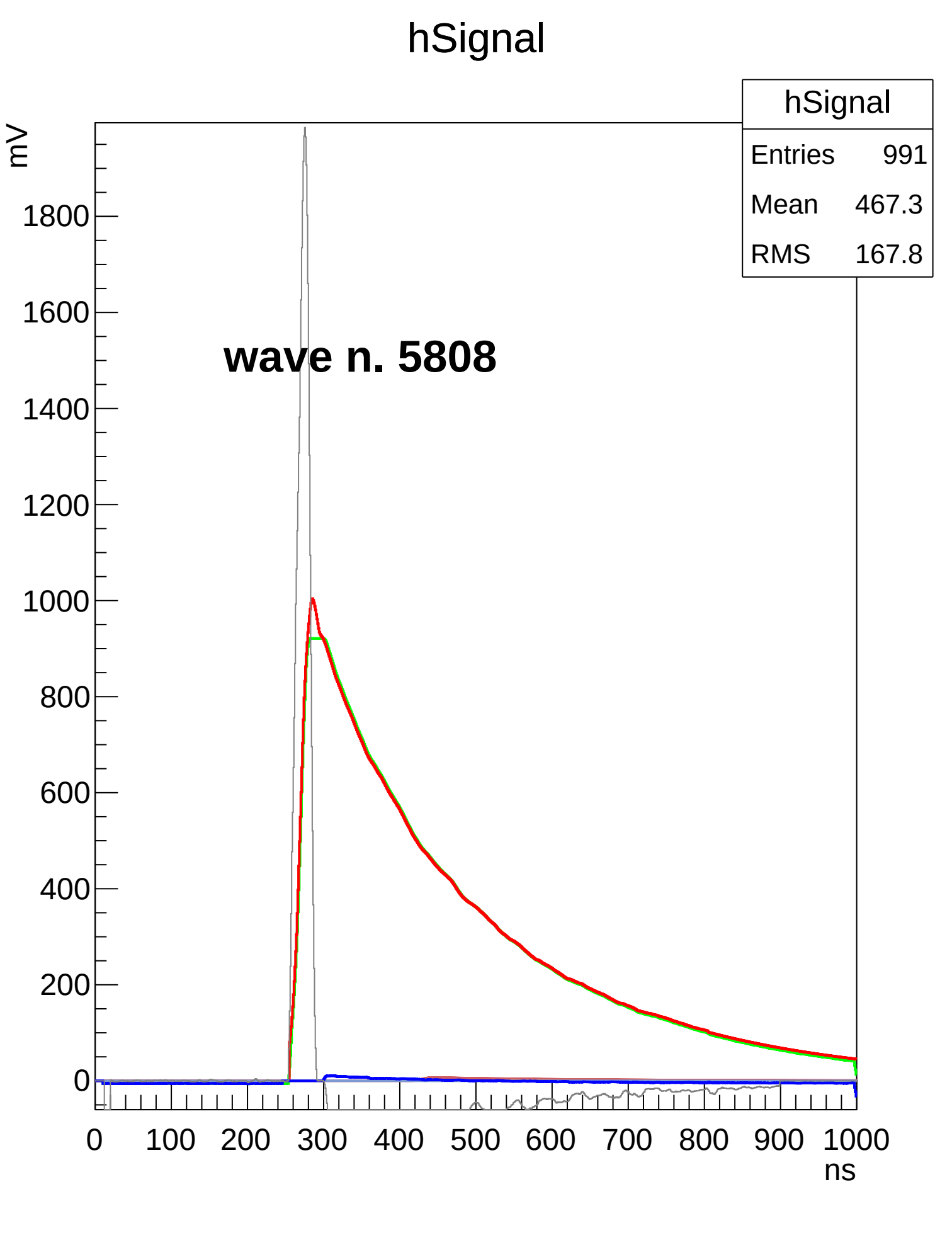
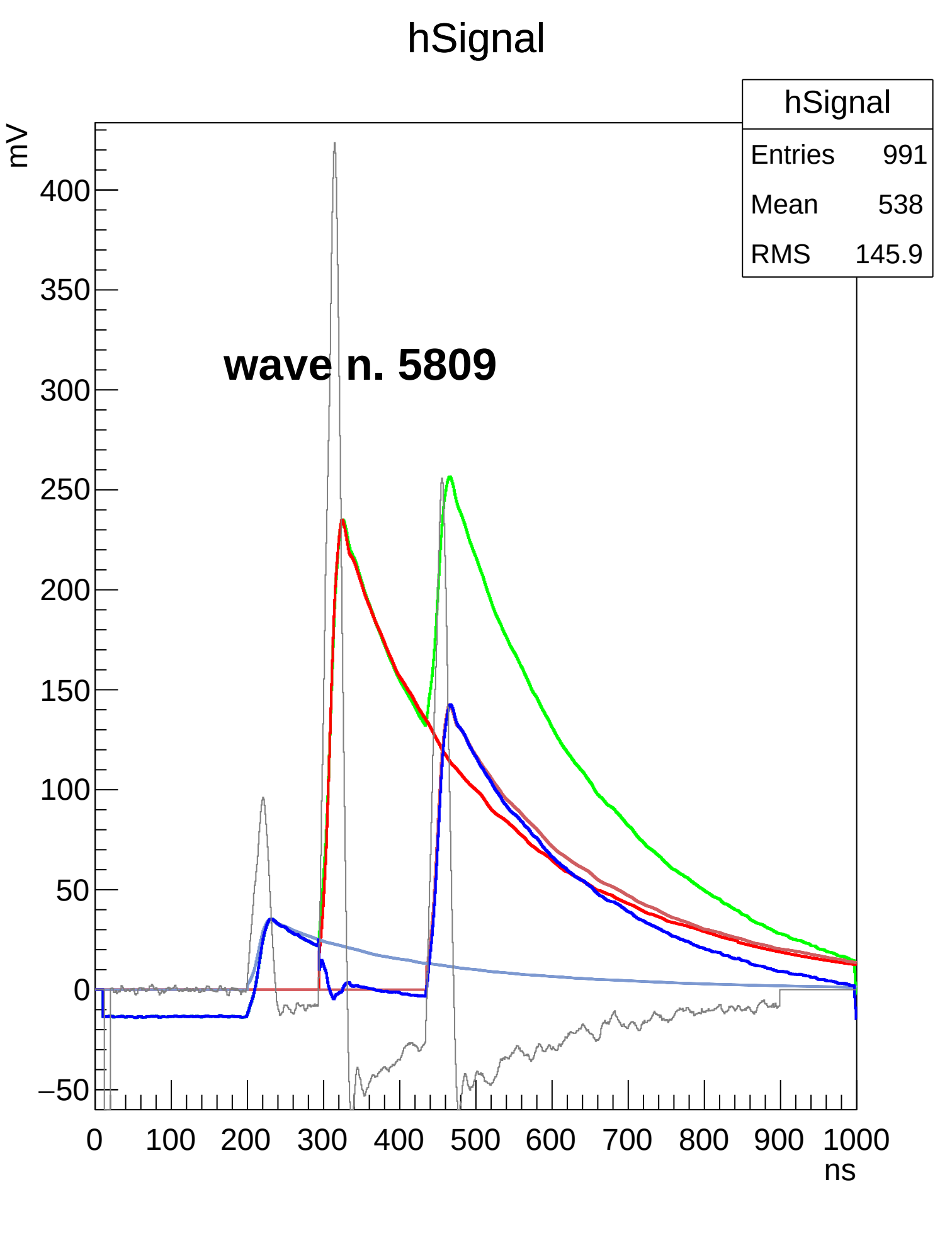
hSignal
Entries 991
Mean 530.7
RMS 176.4
wave n. 5806
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 561.7
RMS 169.4
wave n. 5807
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 467.3
RMS 167.8
wave n. 5808
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 538
RMS 145.9
wave n. 5809
mV
400
350
300
250
200
150
100
50
0
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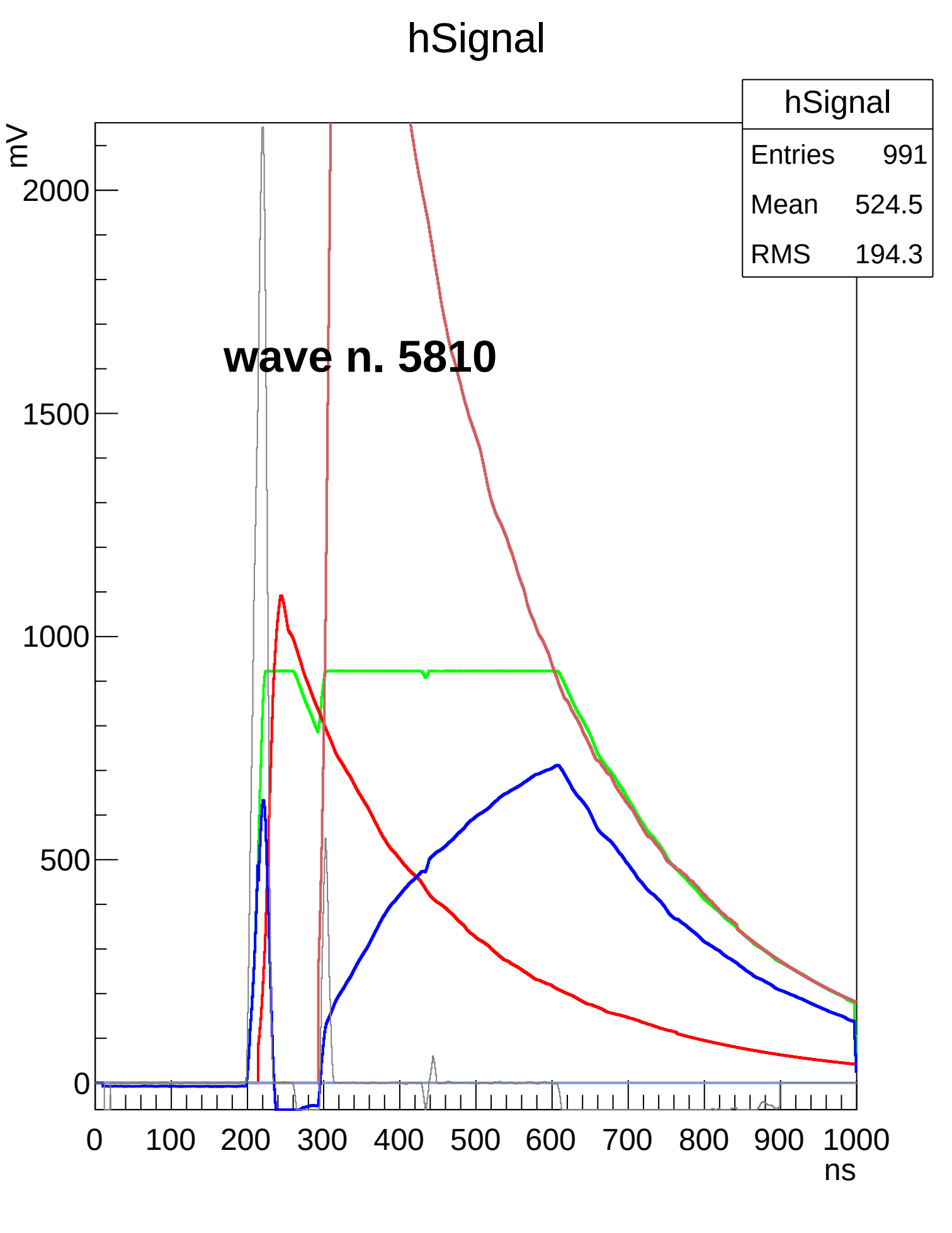
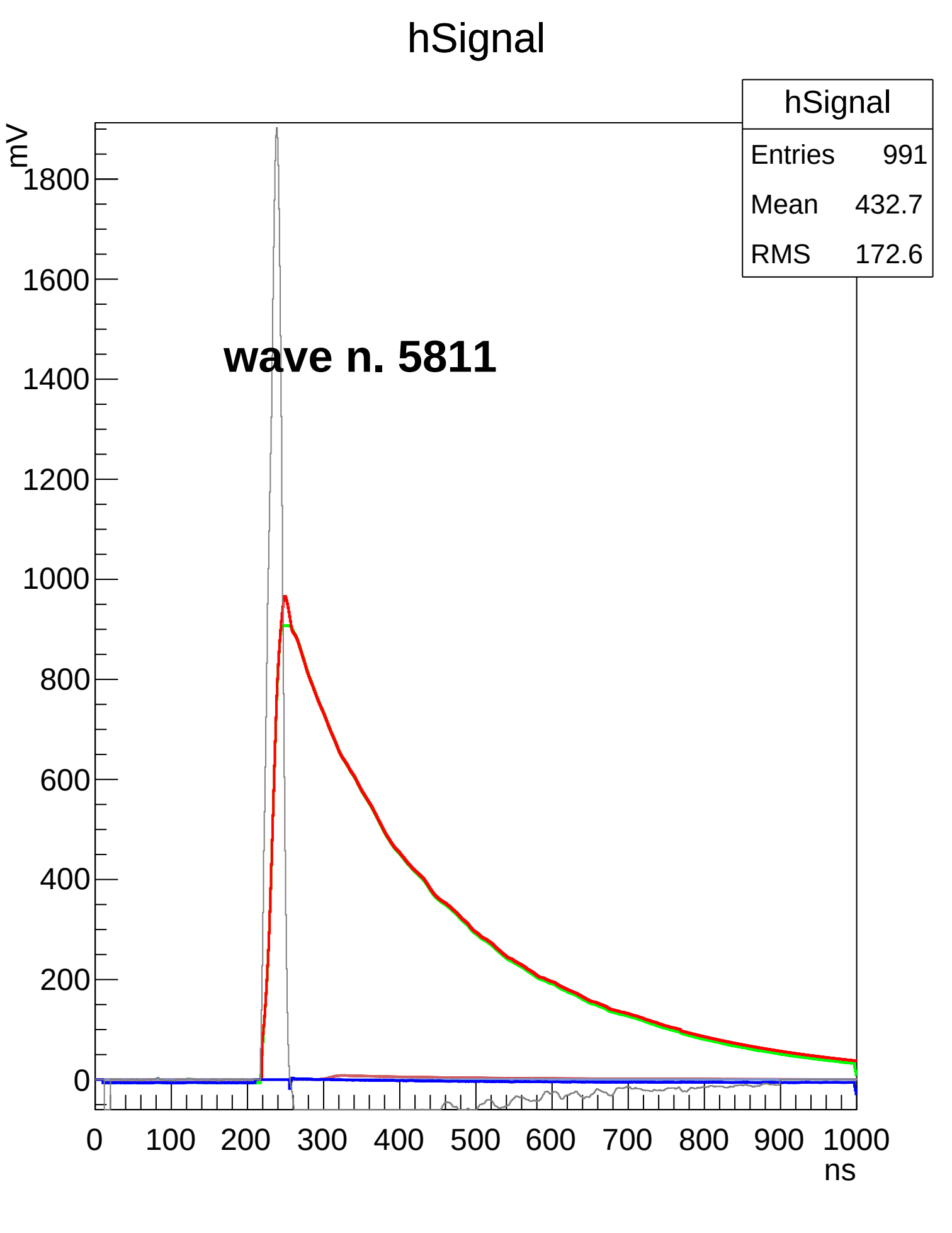
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 524.5
RMS 194.3
wave n. 5810
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 432.7
RMS 172.6
wave n. 5811
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
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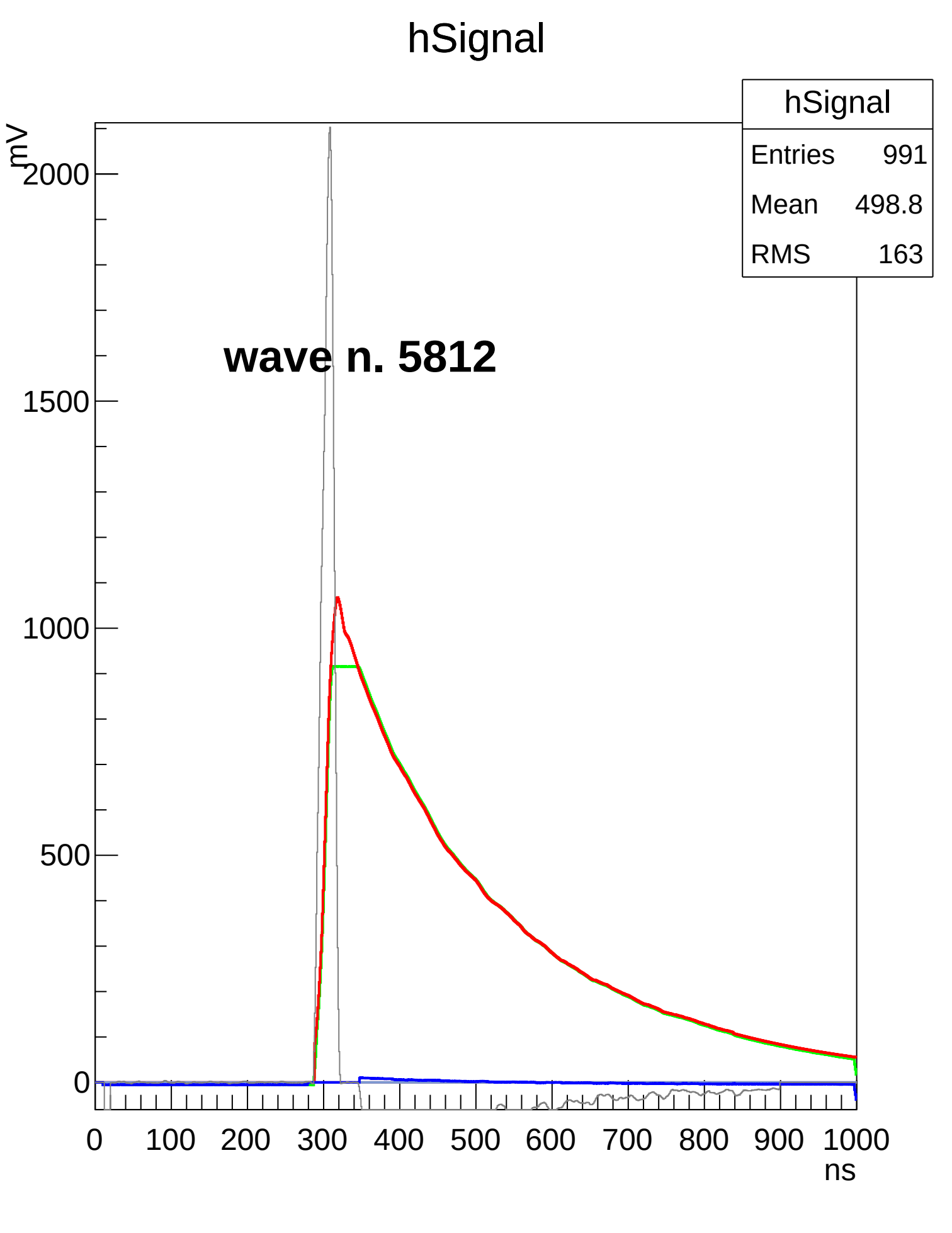
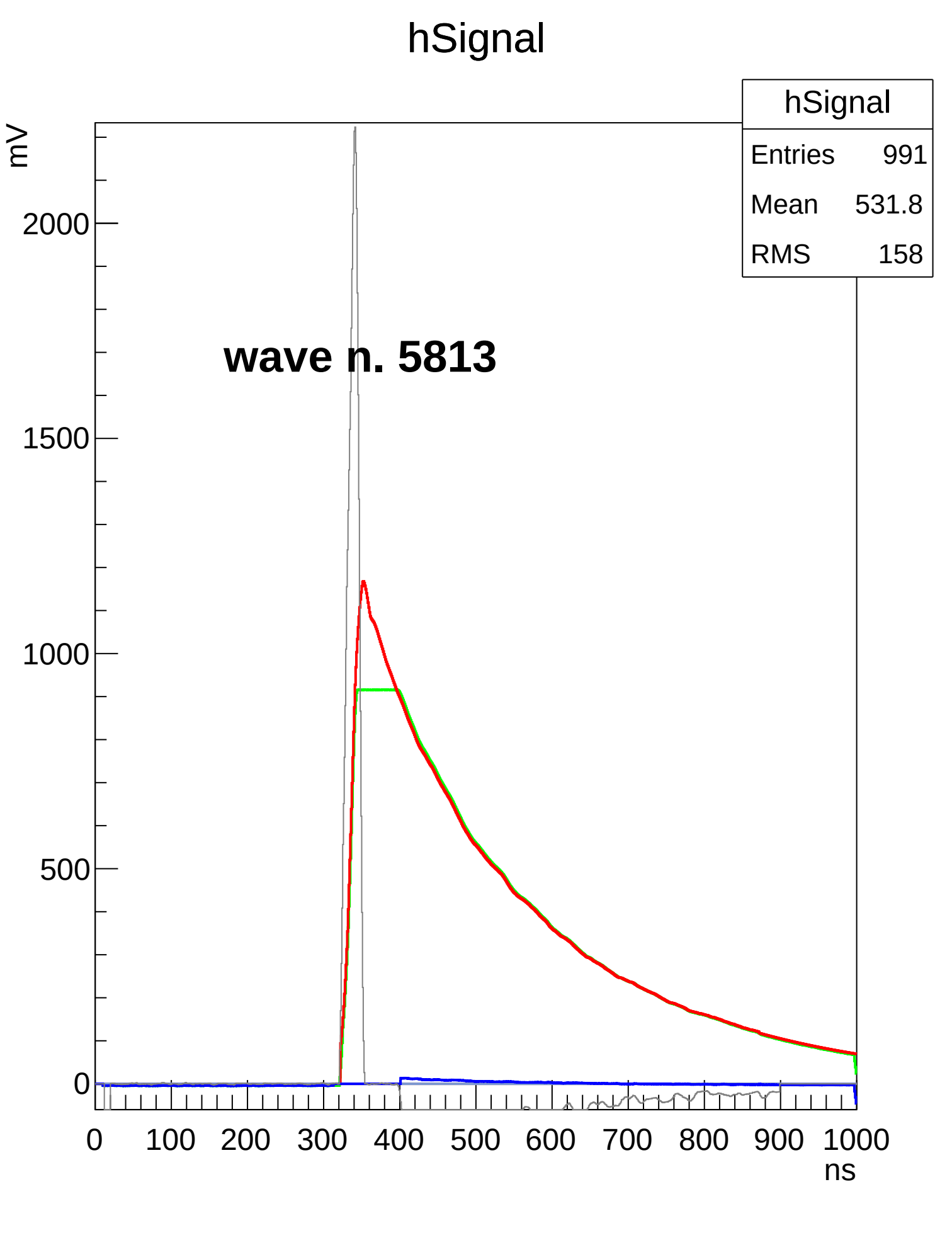
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 498.8
RMS 163
wave n. 5812
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 531.8
RMS 158
wave n. 5813
mV
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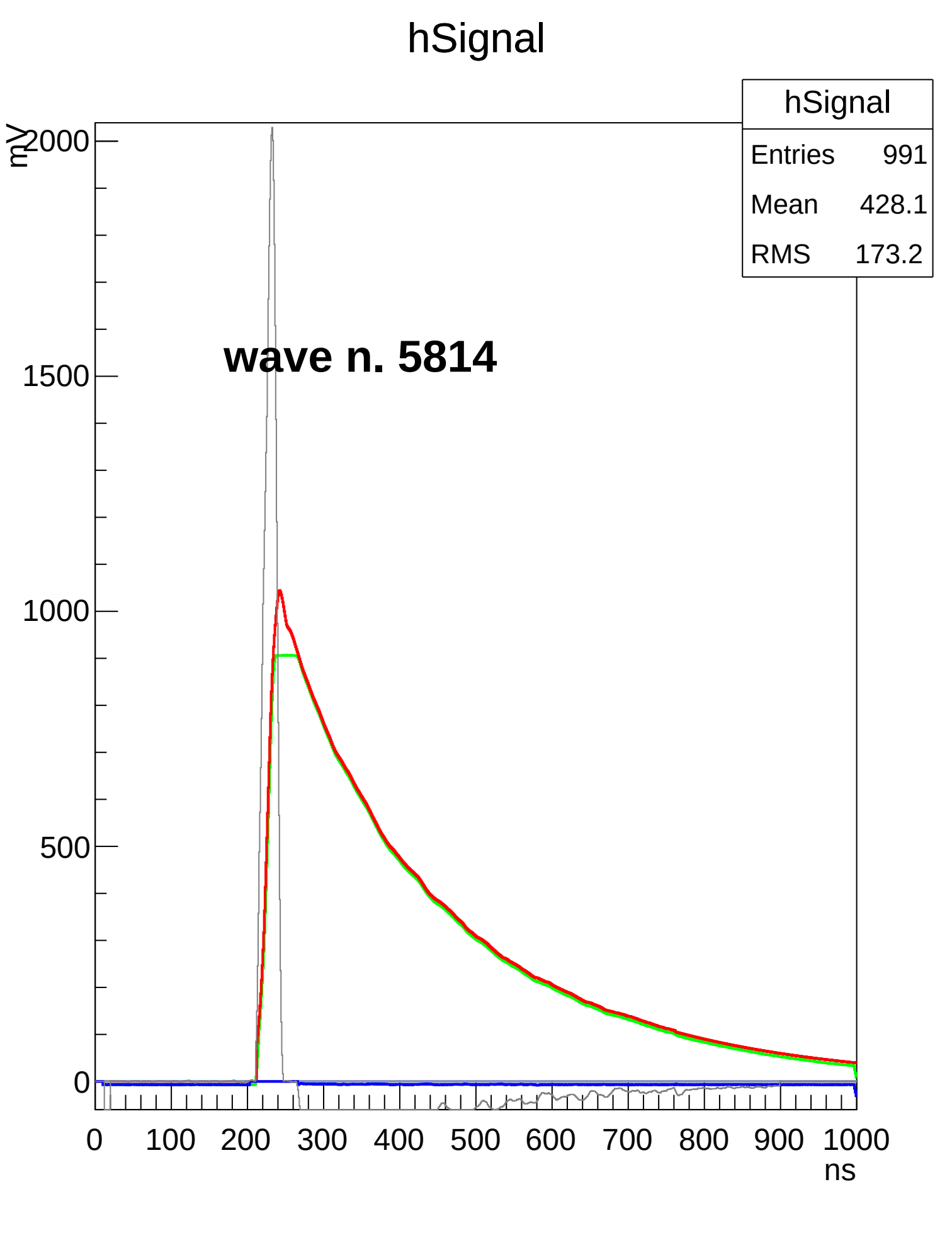
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 428.1
RMS 173.2
wave n. 5814
mV
2000
1500
1000
500
0
0
100
200
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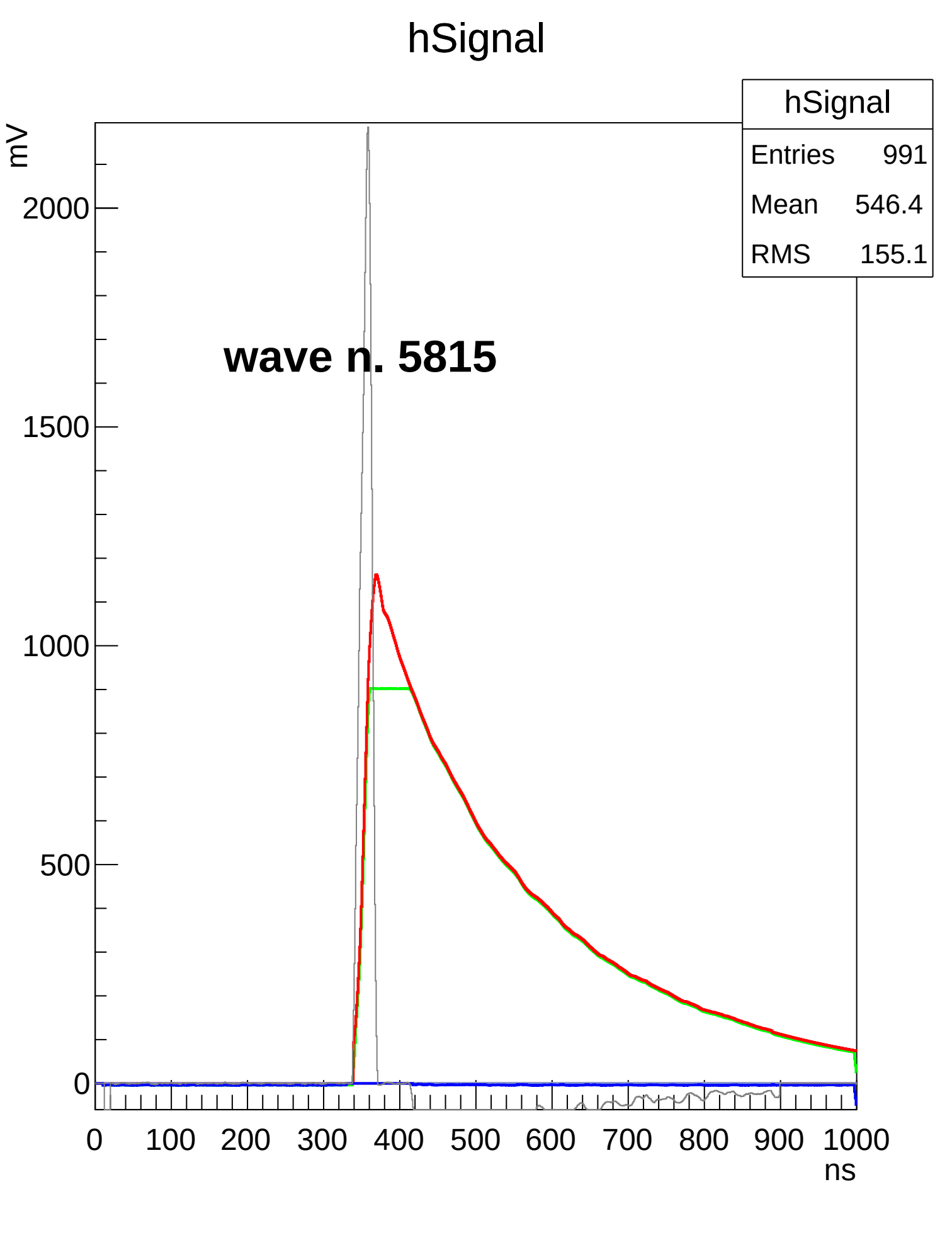
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 546.4
RMS 155.1
wave n. 5815
mV
2000
1500
1000
500
0
0
100
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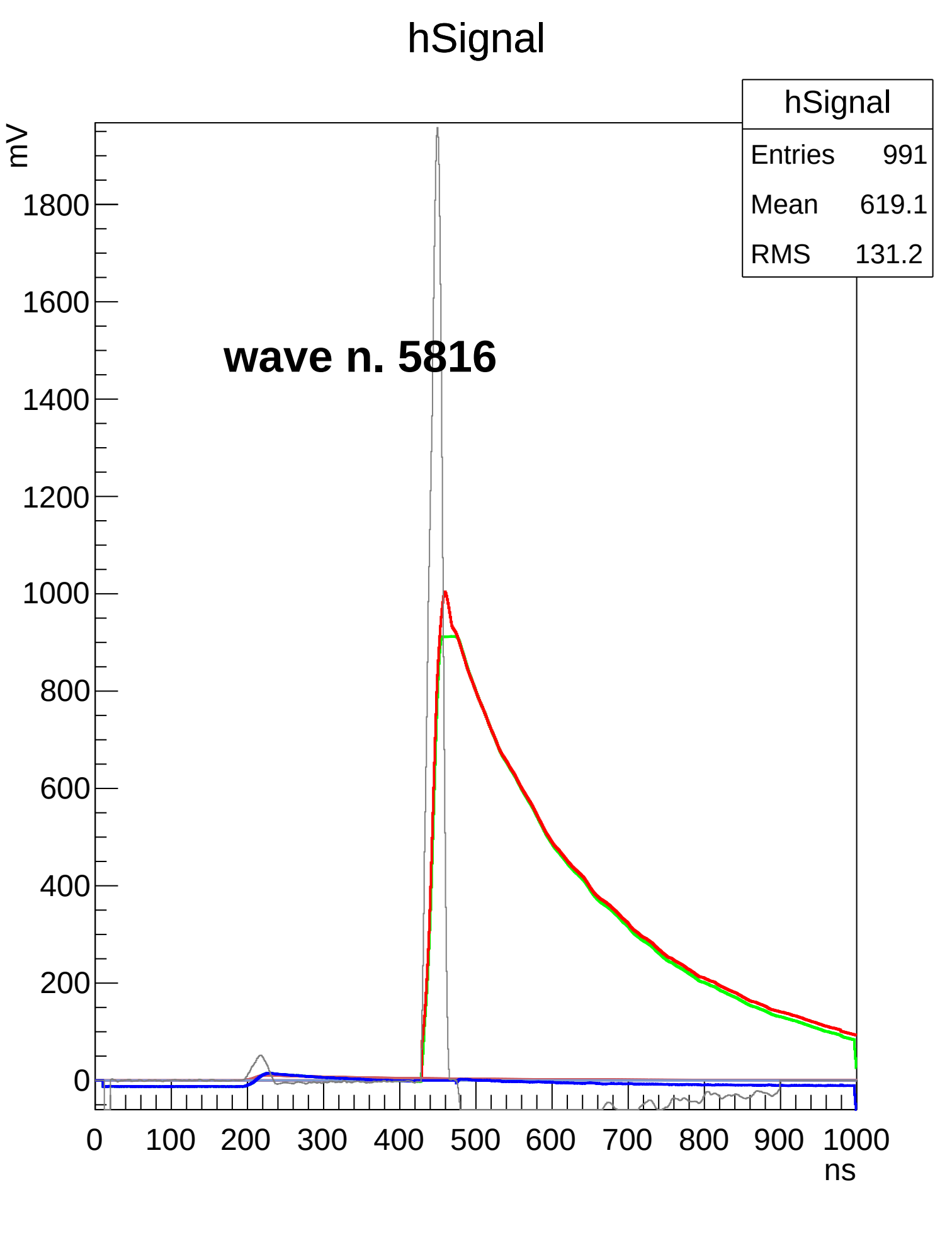
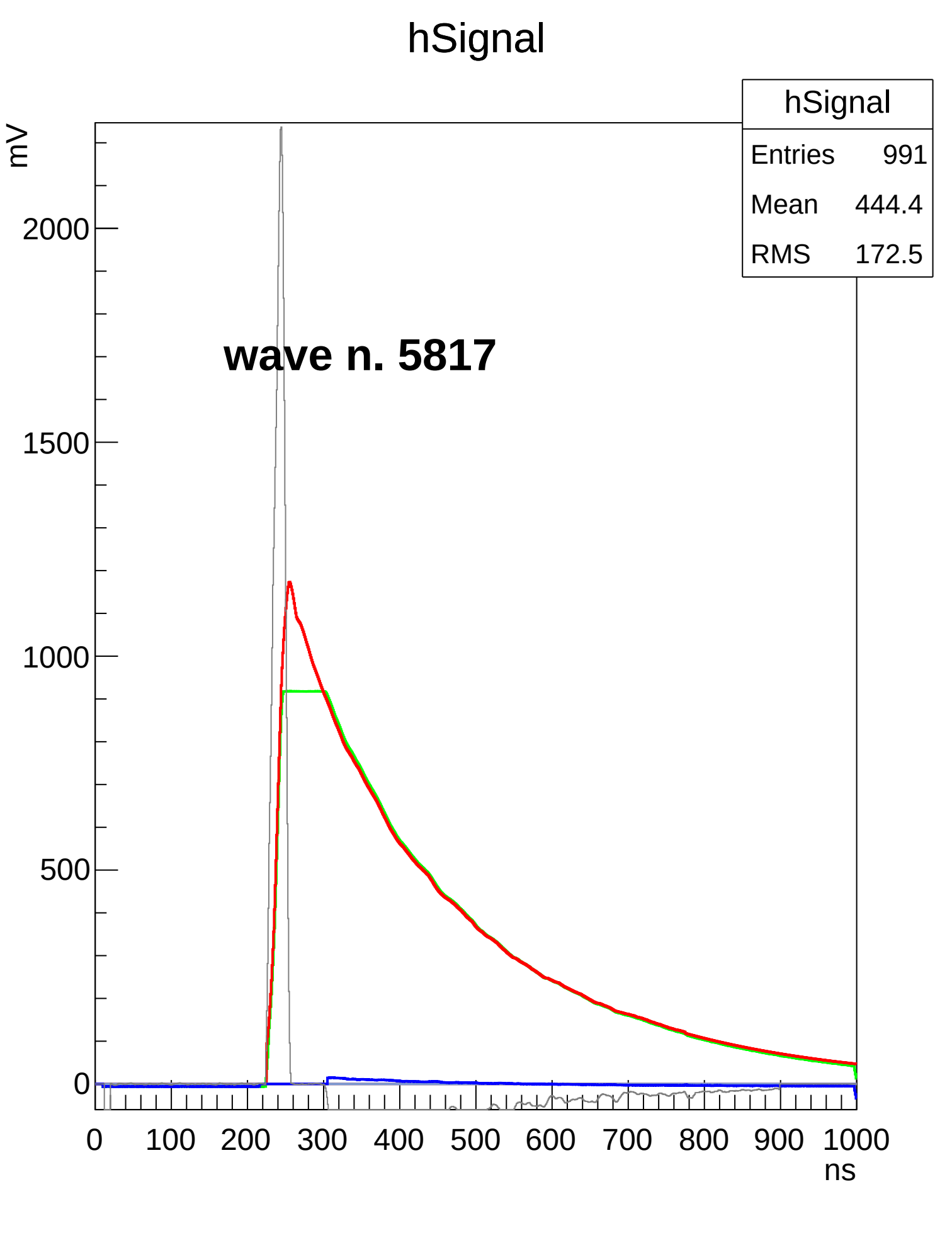
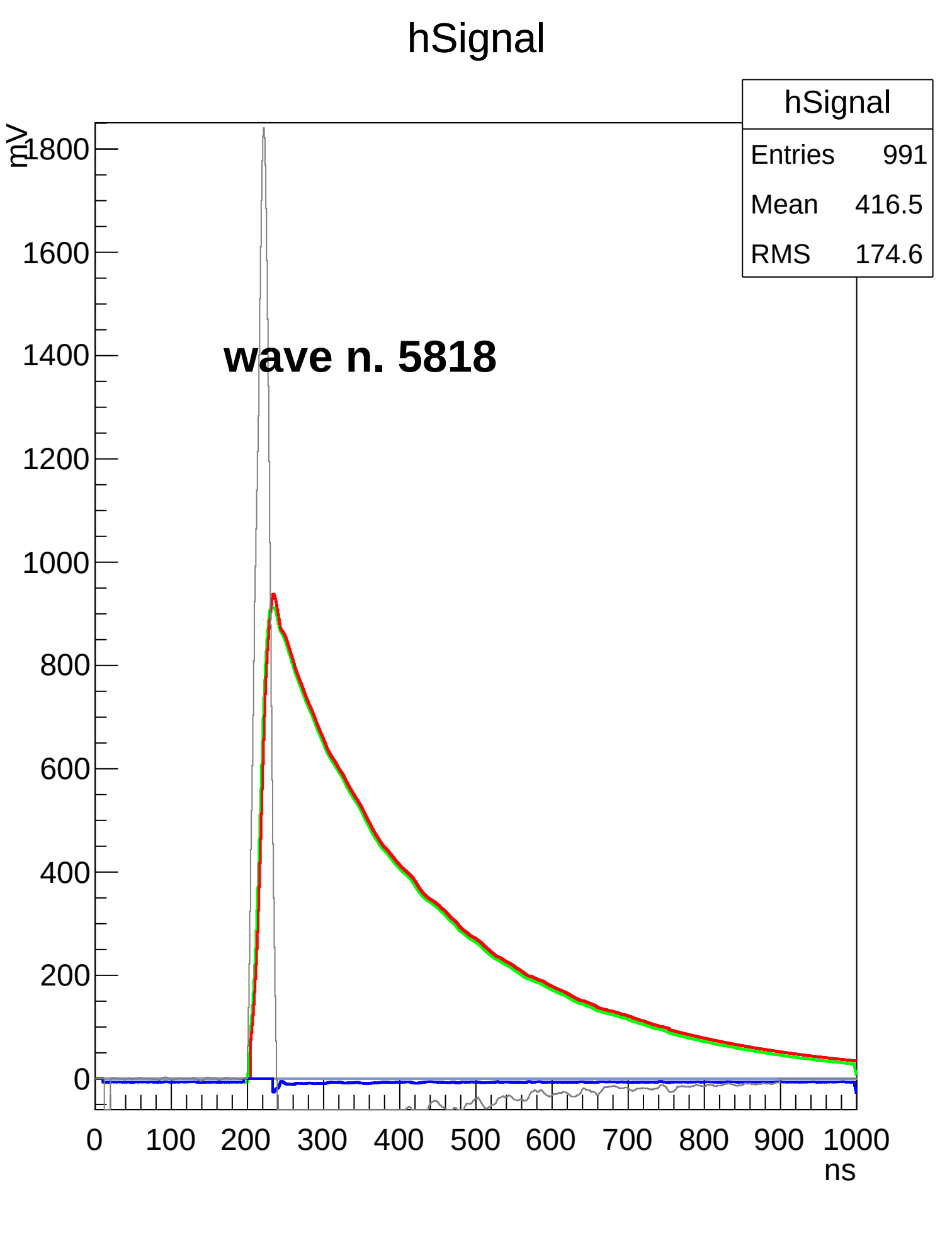
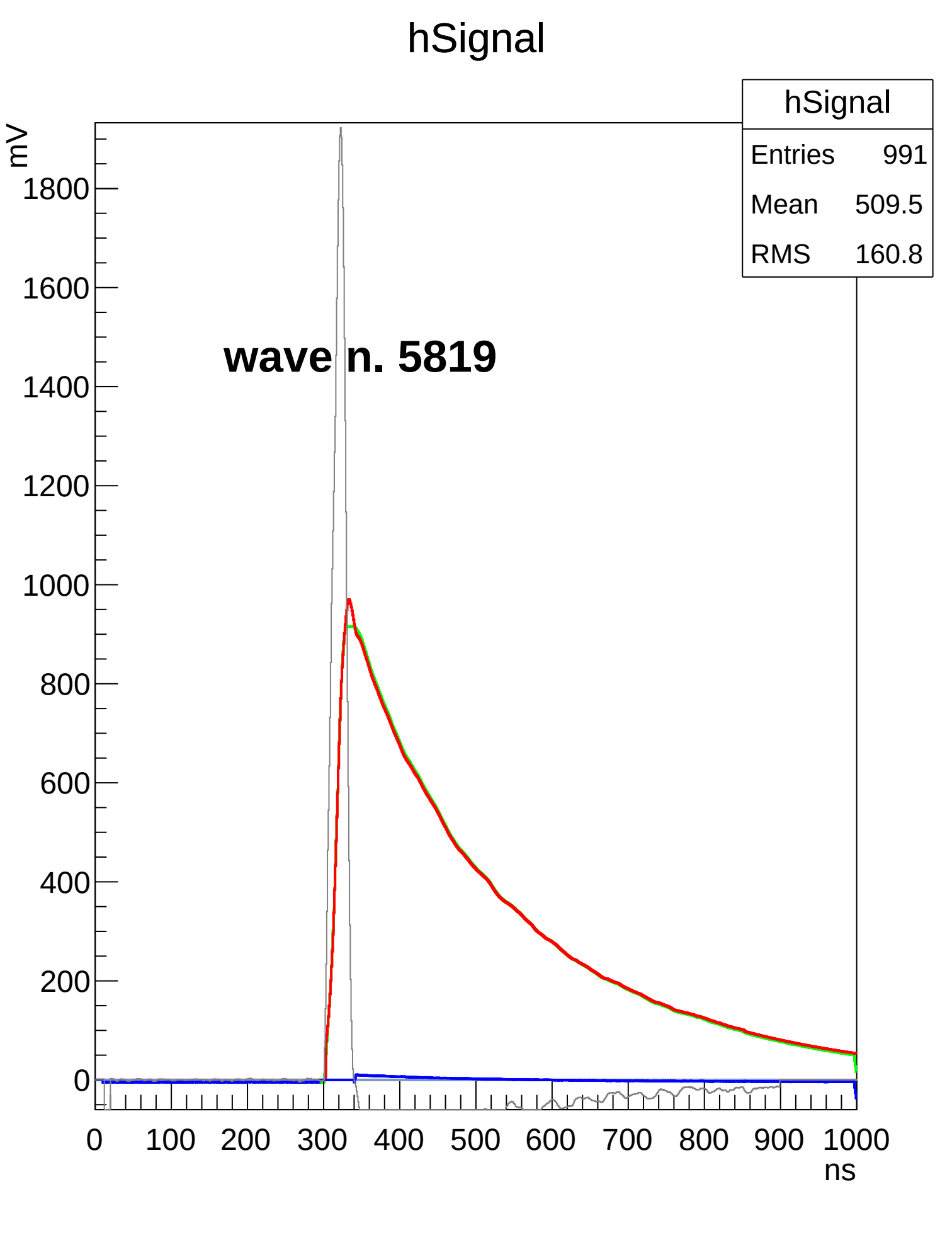
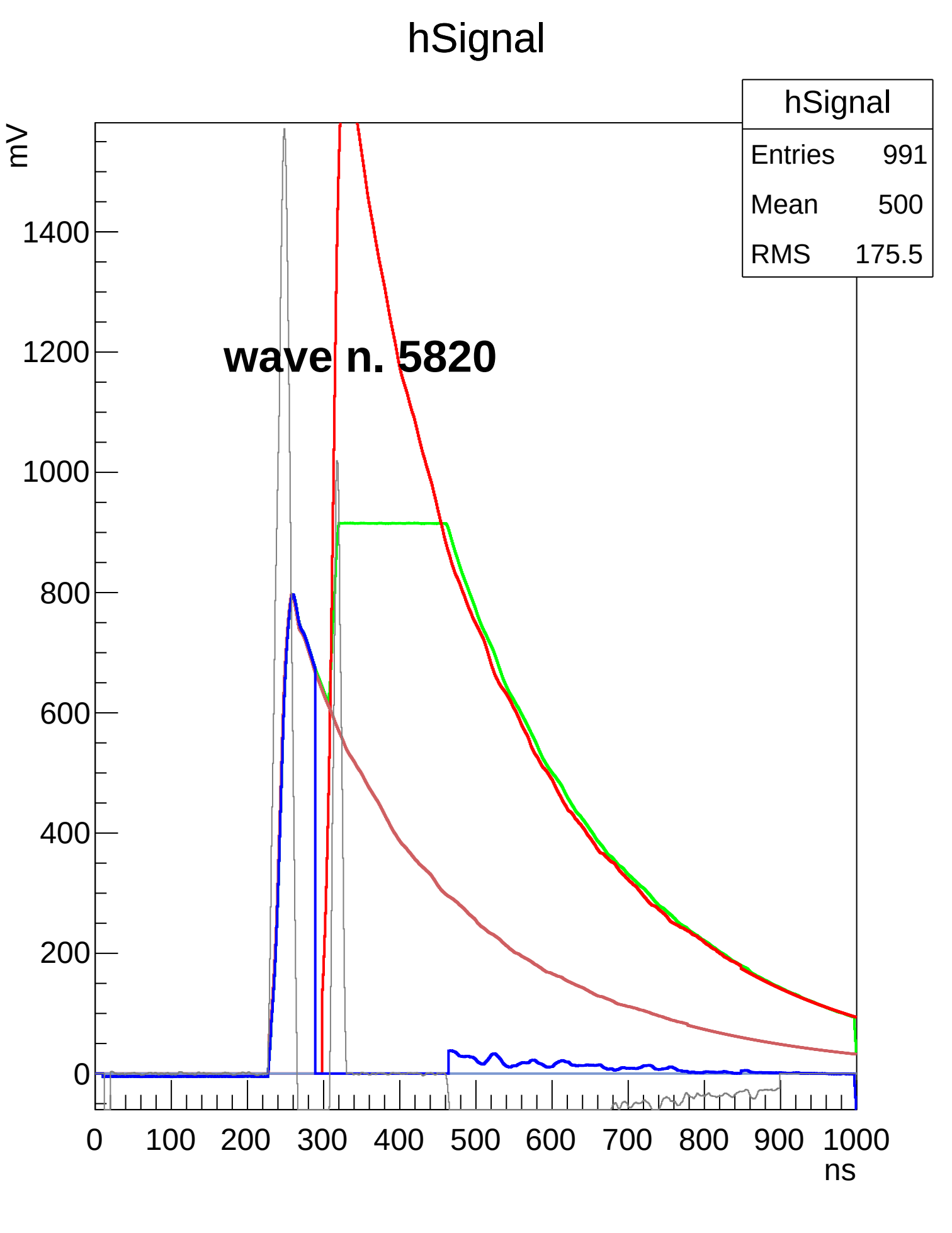
800
900
1000
ns

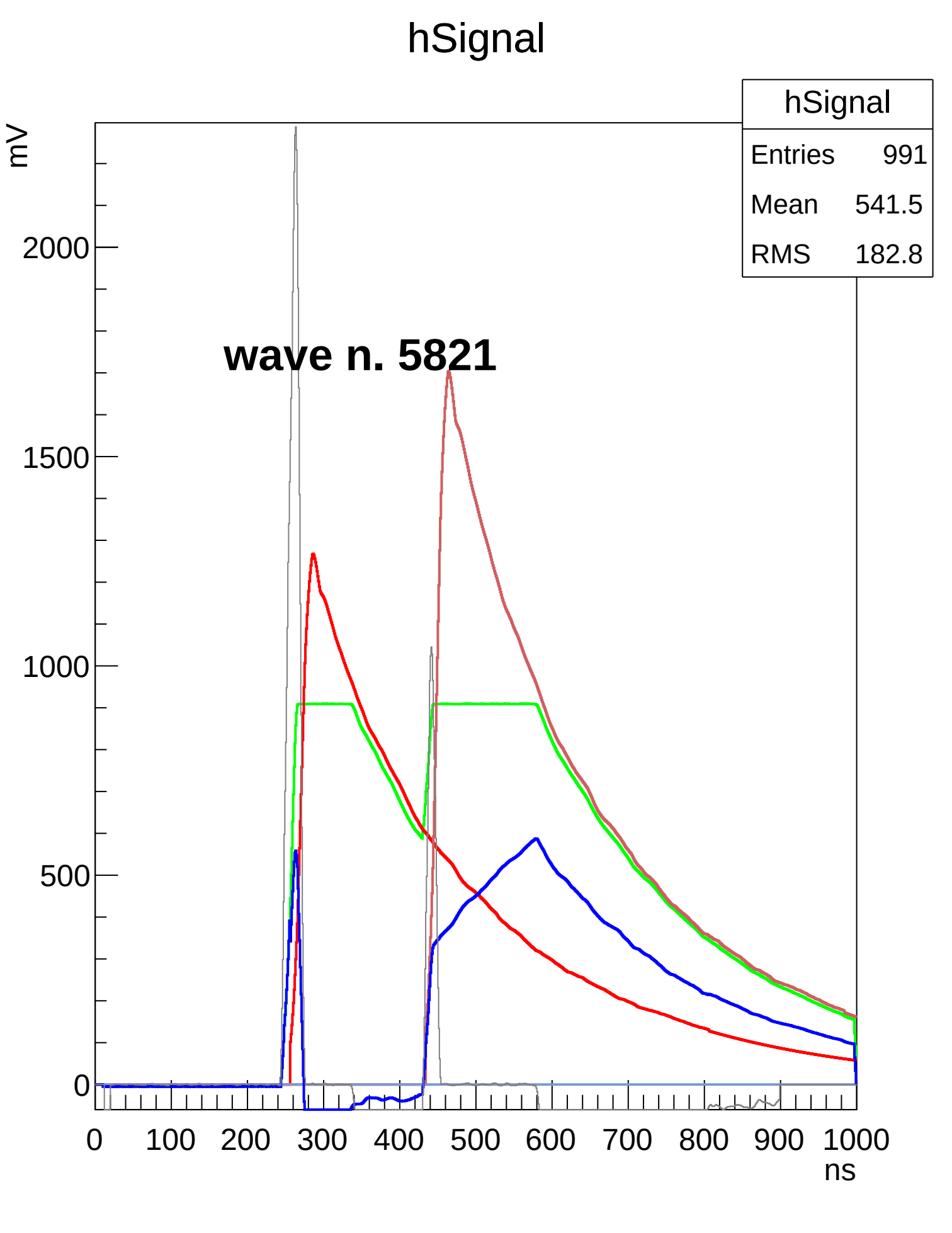

hSignal
hSignal
Entries 991
Mean 619.1
RMS 131.2
wave n. 5816
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 444.4
RMS 172.5
wave n. 5817
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 416.5
RMS 174.6
wave n. 5818
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 509.5
RMS 160.8
wave n. 5819
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 500
RMS 175.5
wave n. 5820
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 541.5
RMS 182.8
wave n. 5821
mV
2000
1500
1000
500
0
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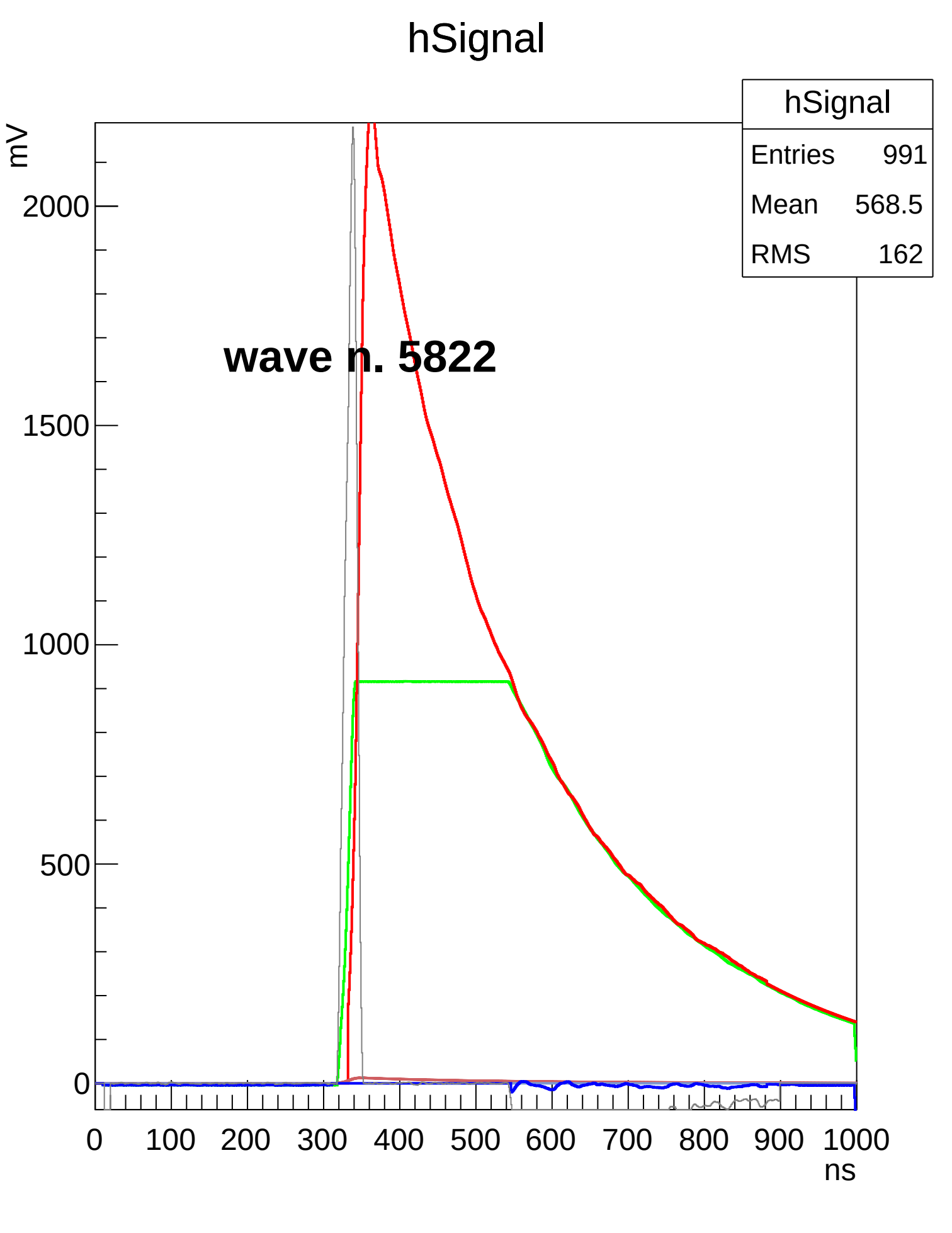
ns


hSignal
hSignal
Entries 991
Mean 568.5
RMS 162
wave n. 5822
mV
2000
1500
1000
500
0
0
100
200
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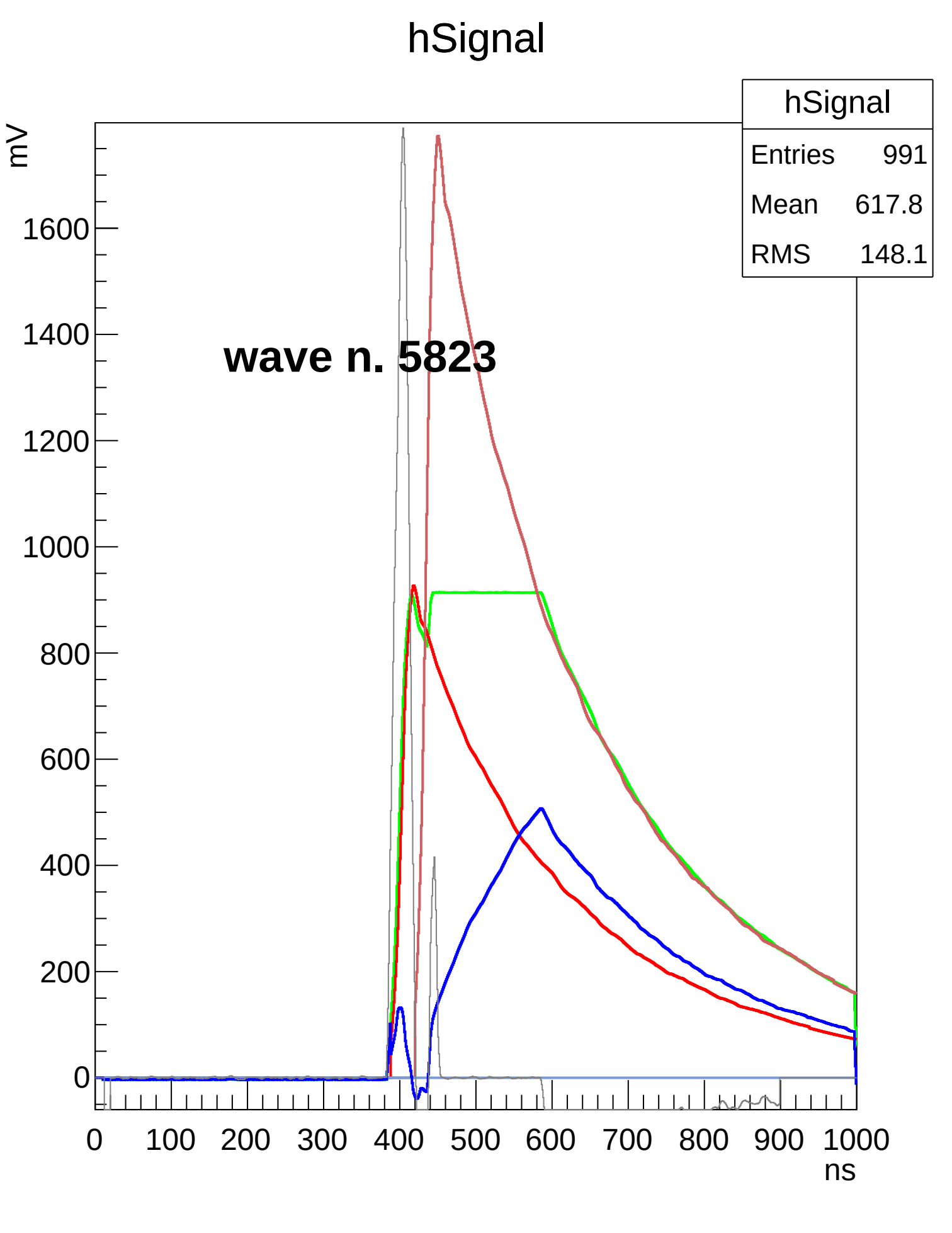
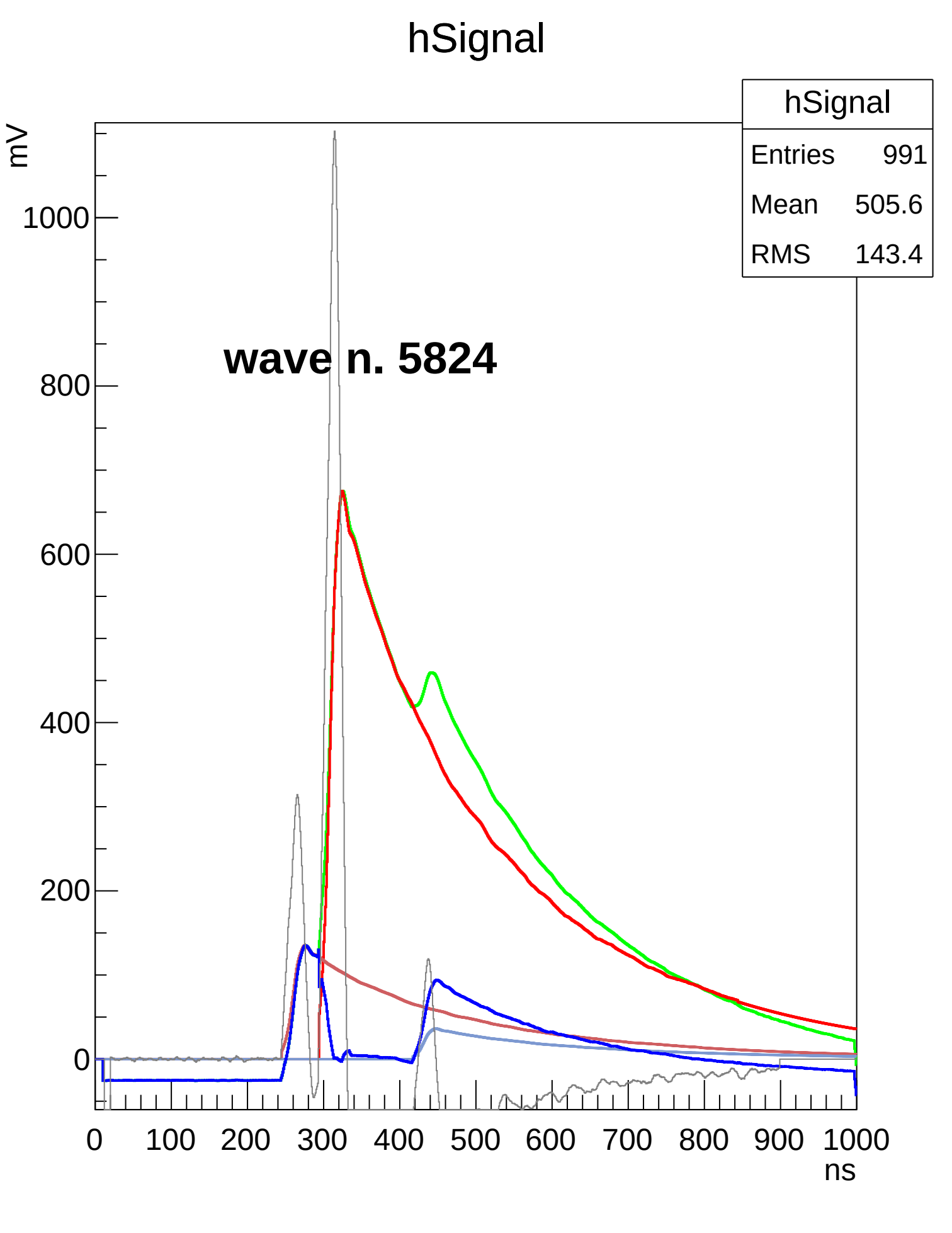
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 617.8
RMS 148.1
wave n. 5823
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 505.6
RMS 143.4
wave n. 5824
mV
1000
800
600
400
200
0
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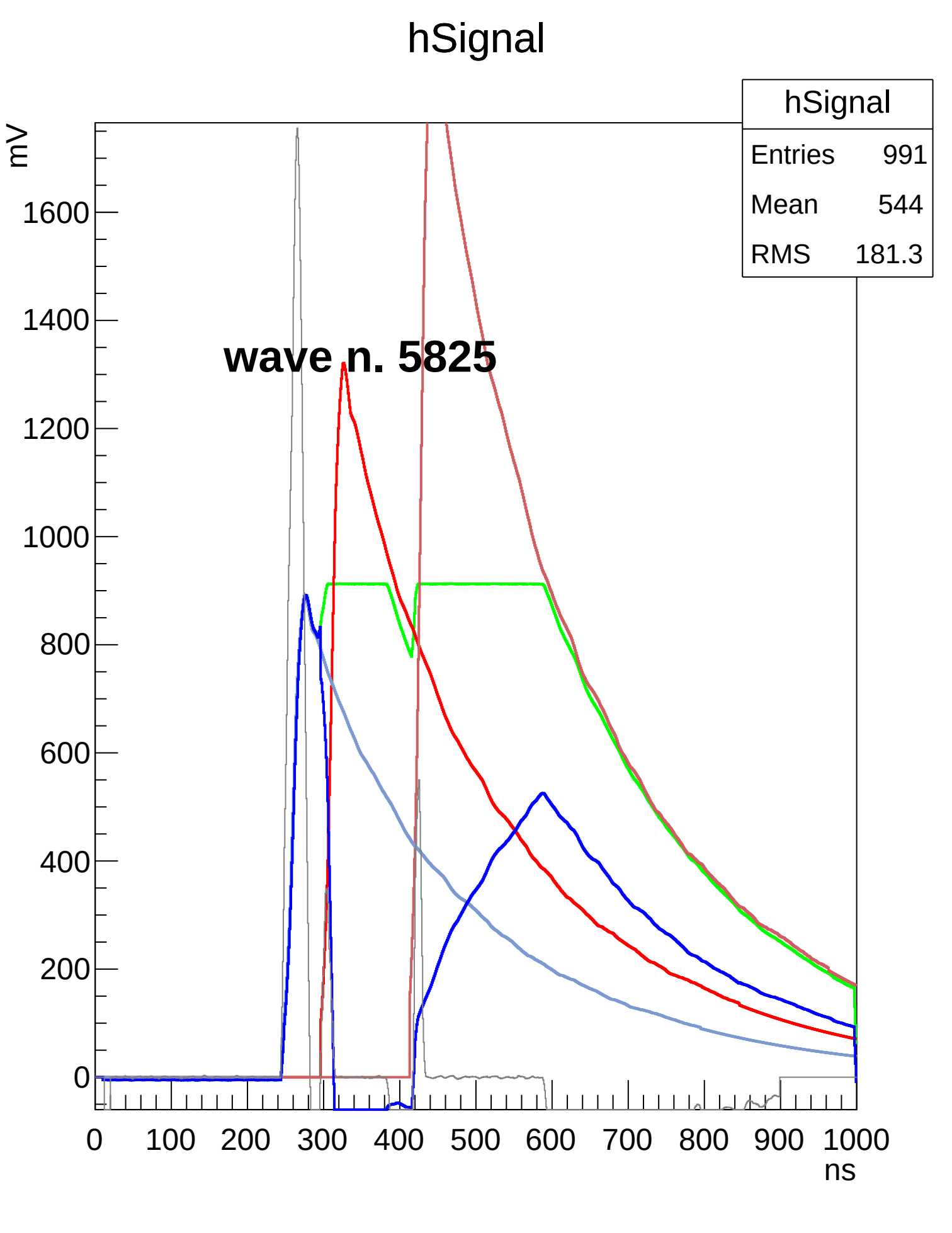
ns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hSignal
Entries 991
Mean 544
RMS 181.3
wave n. 5825
mV
1600
1400
1200
1000
800
600
400
200
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200
300
400
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800
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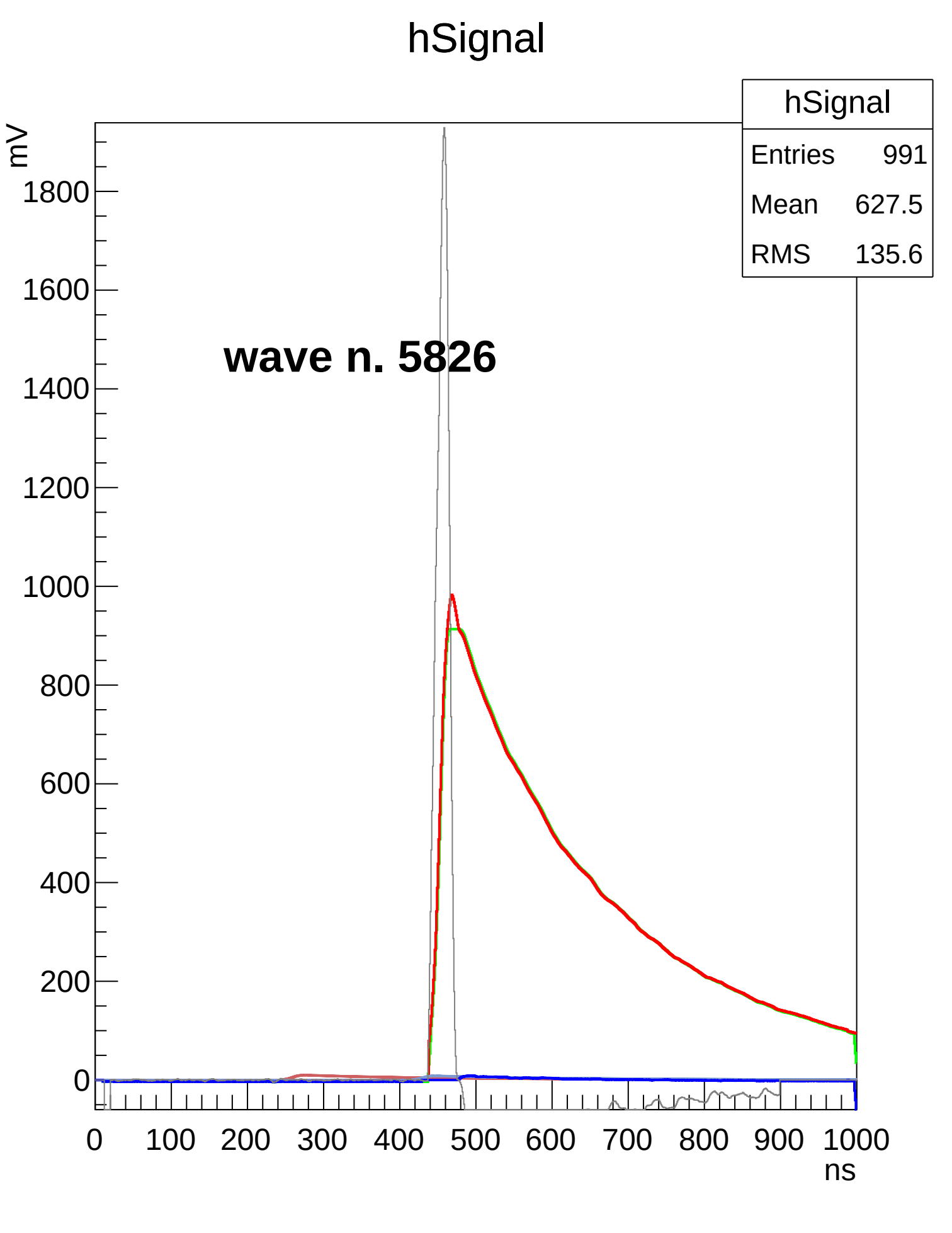
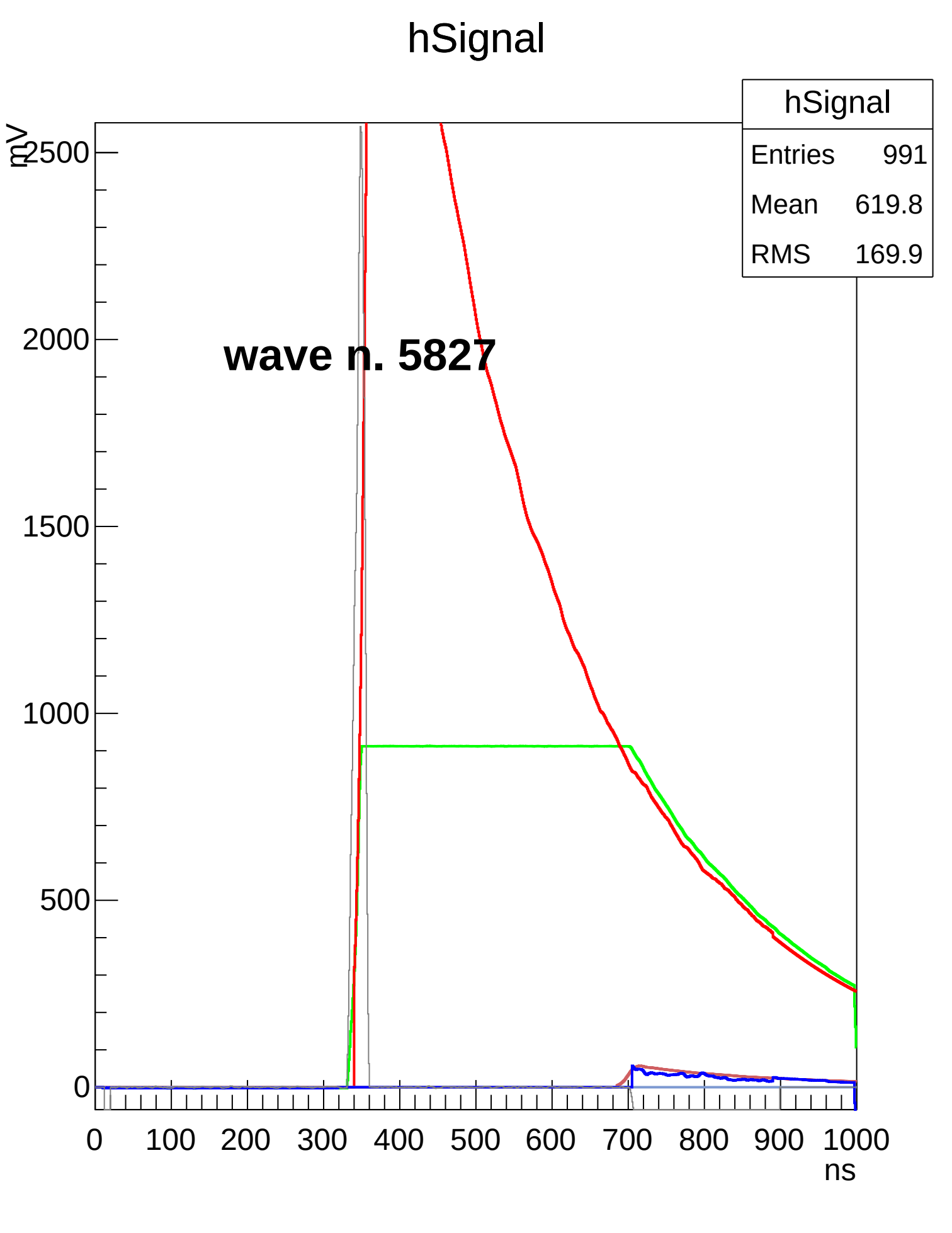
1000
ns


hSignal
hSignal
Entries 991
Mean 627.5
RMS 135.6
wave n. 5826
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns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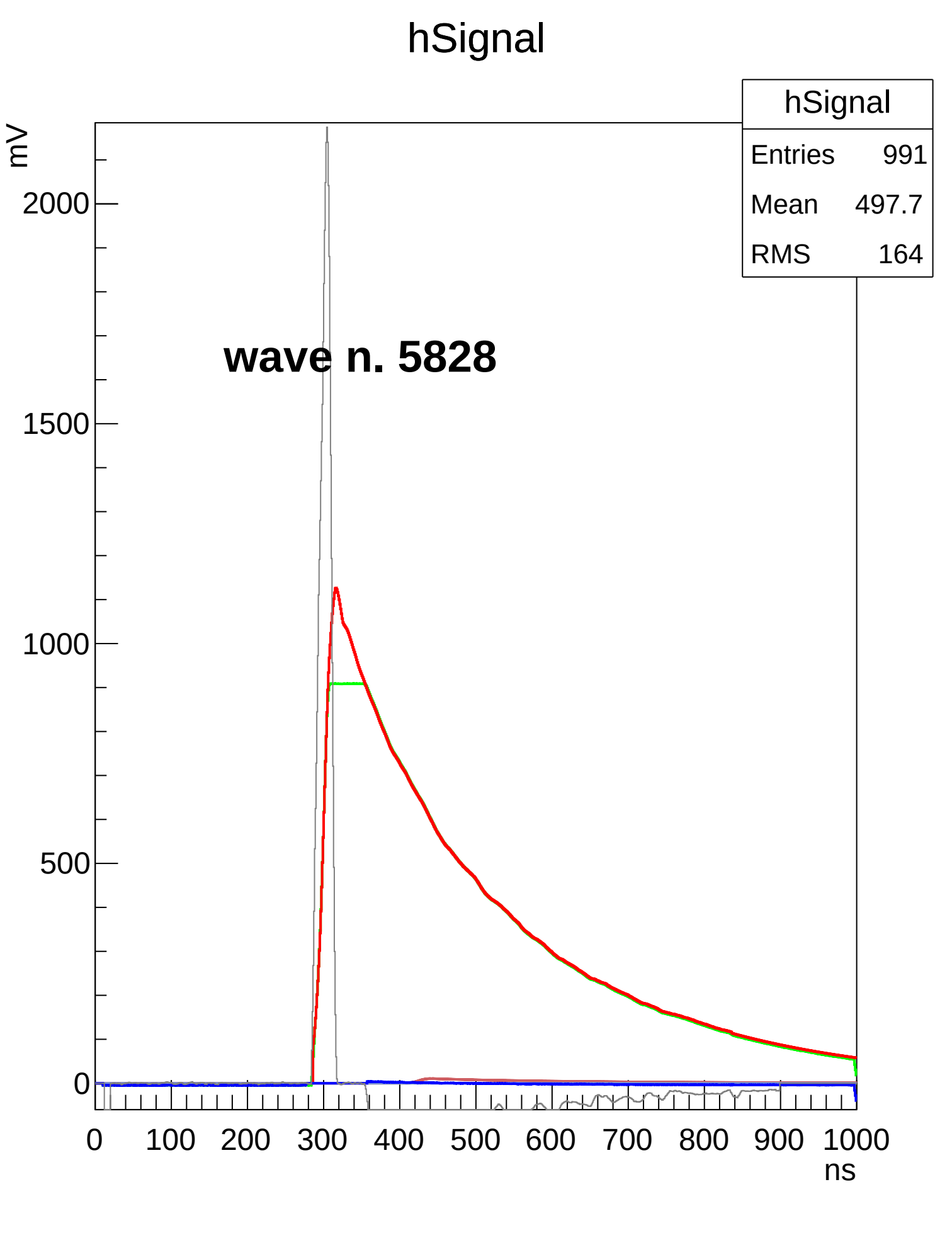
hSignal
Entries 991
Mean 619.8
RMS 169.9
wave n. 5827
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 497.7
RMS 164
wave n. 5828
mV
2000
1500
1000
500
0
0
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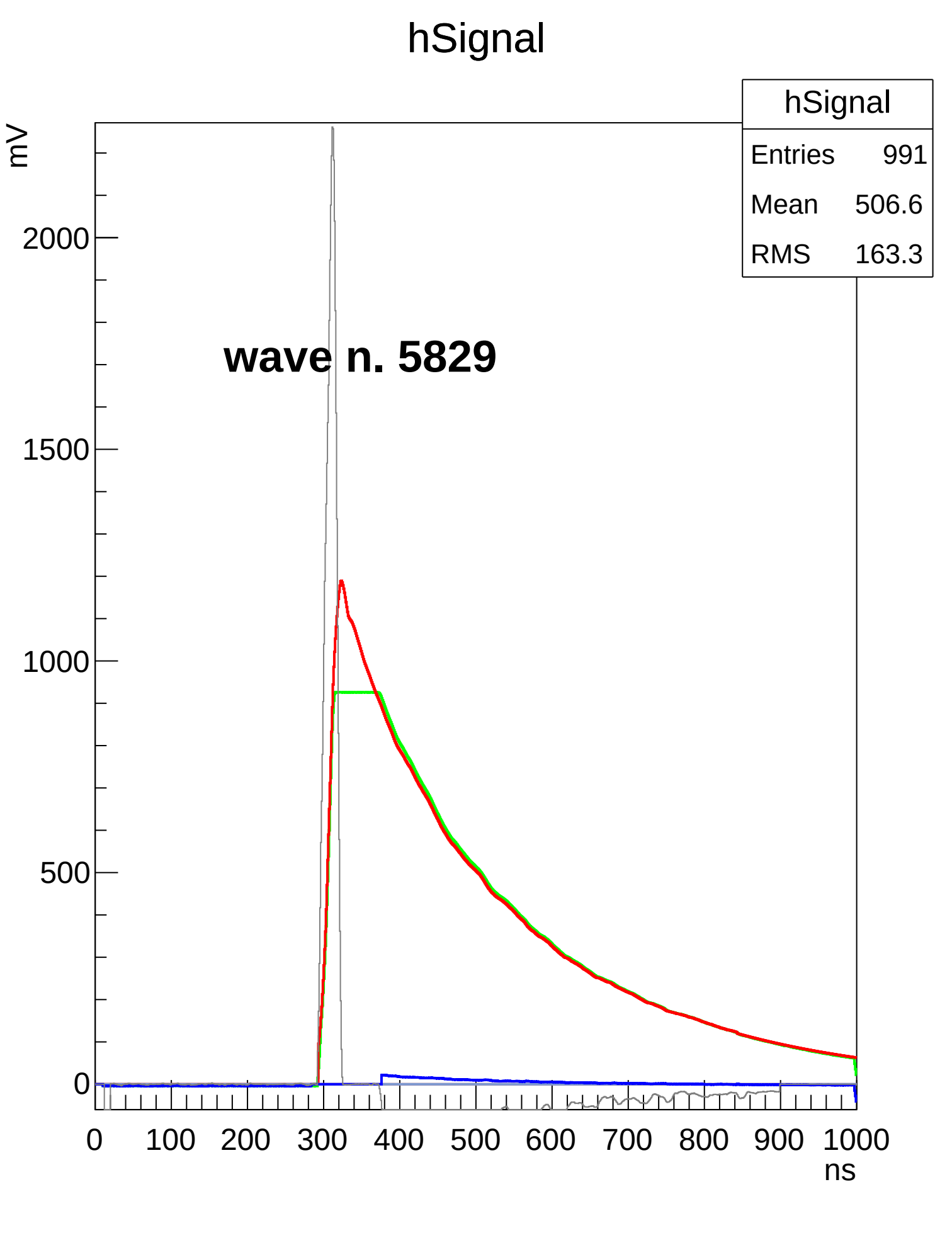
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506.6
RMS 163.3
wave n. 5829
mV
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1500
1000
500
0
0
100
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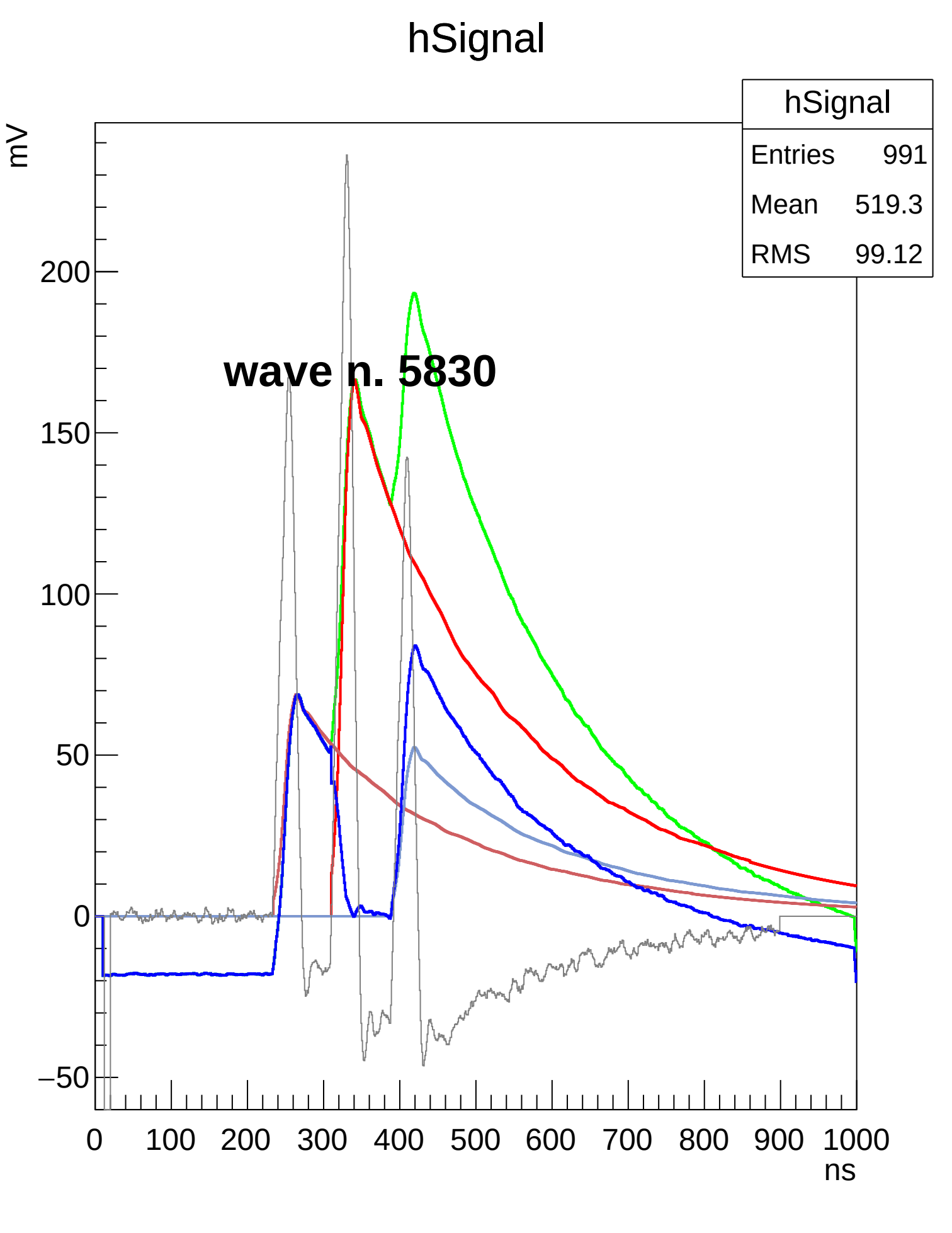
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.3
RMS 99.12
wave n. 5830
mV
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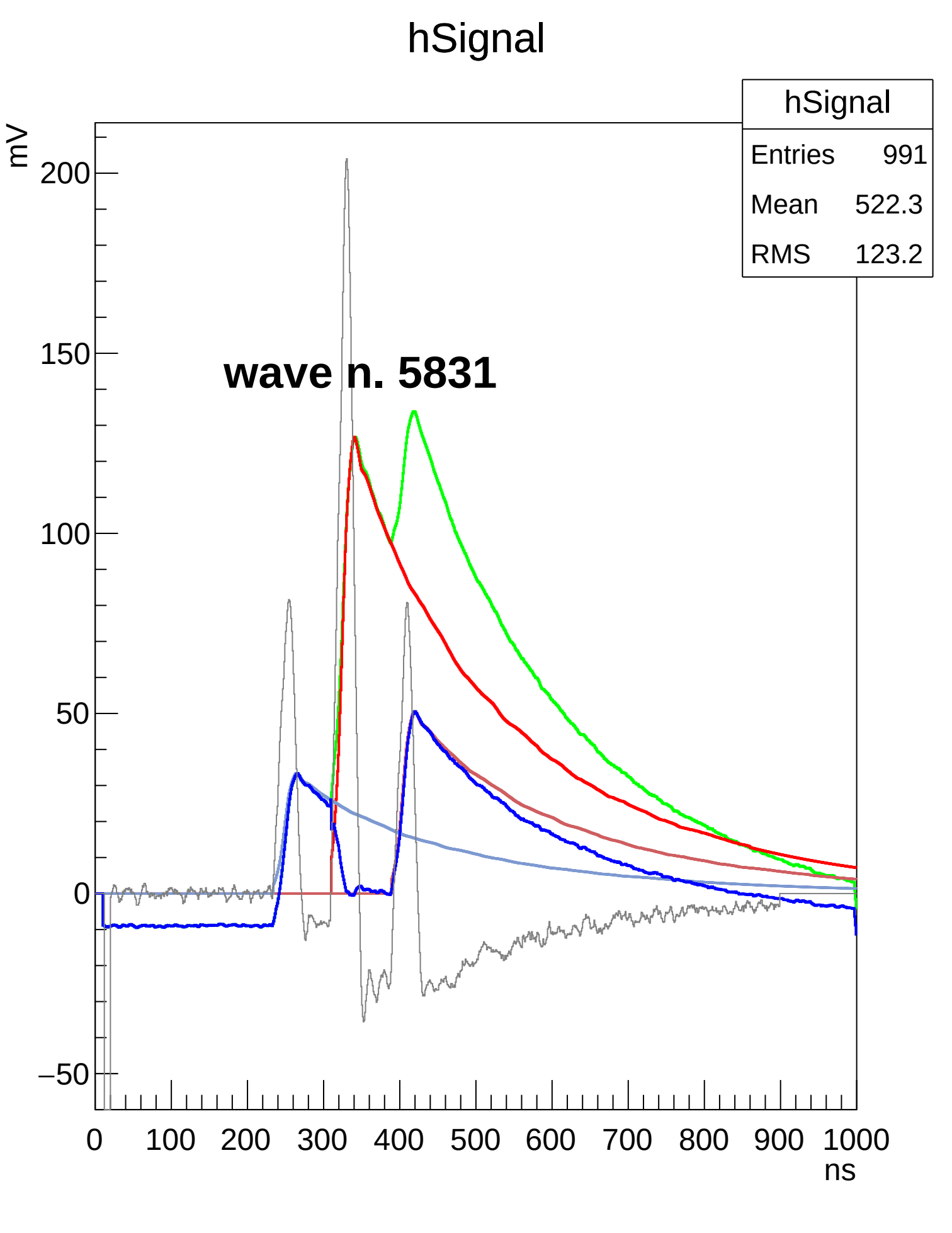
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 522.3
RMS 123.2
wave n. 5831
mV
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150
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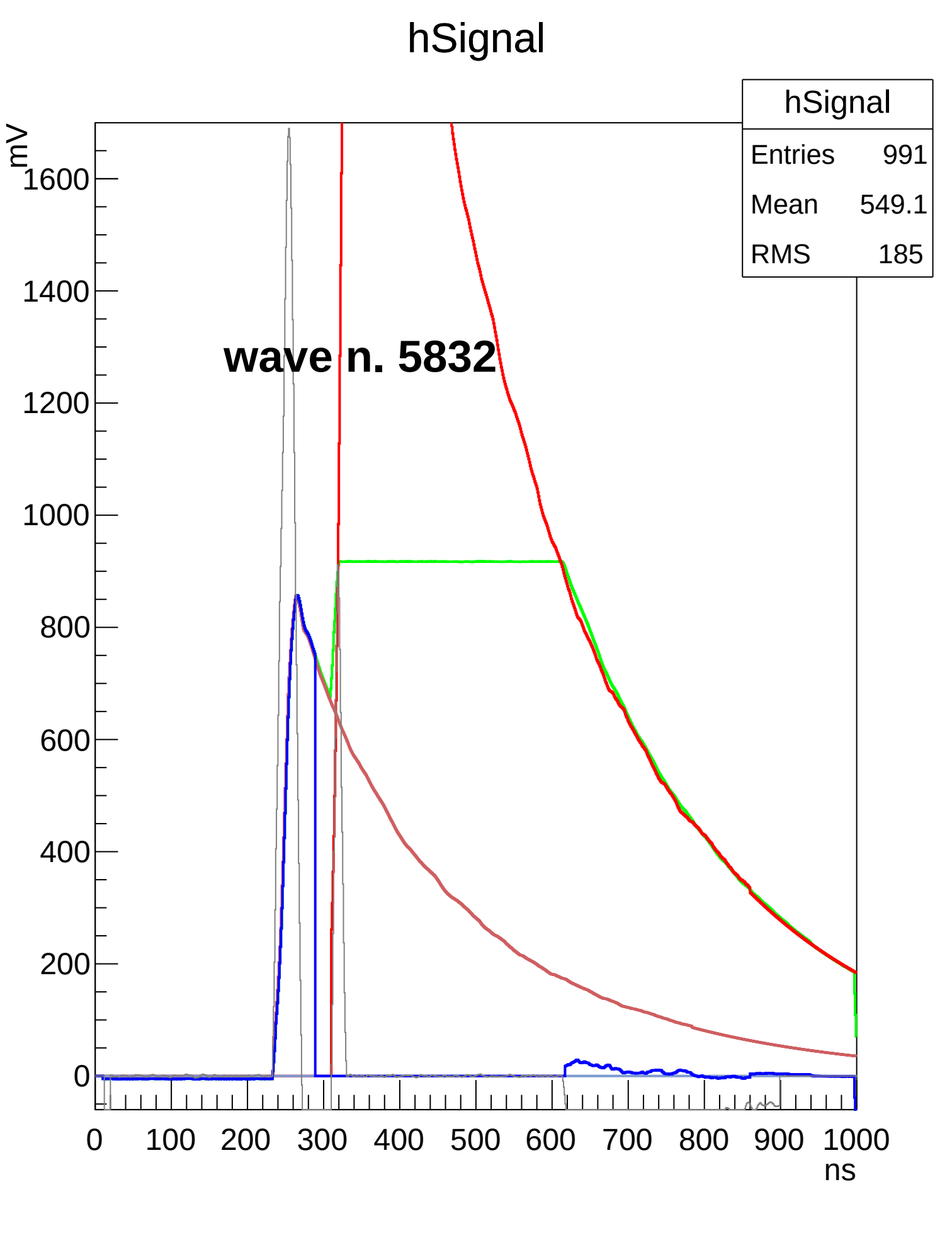
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 549.1
RMS 185
wave n. 5832
mV
1600
1400
1200
1000
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600
400
200
0
0
100
200
300
400
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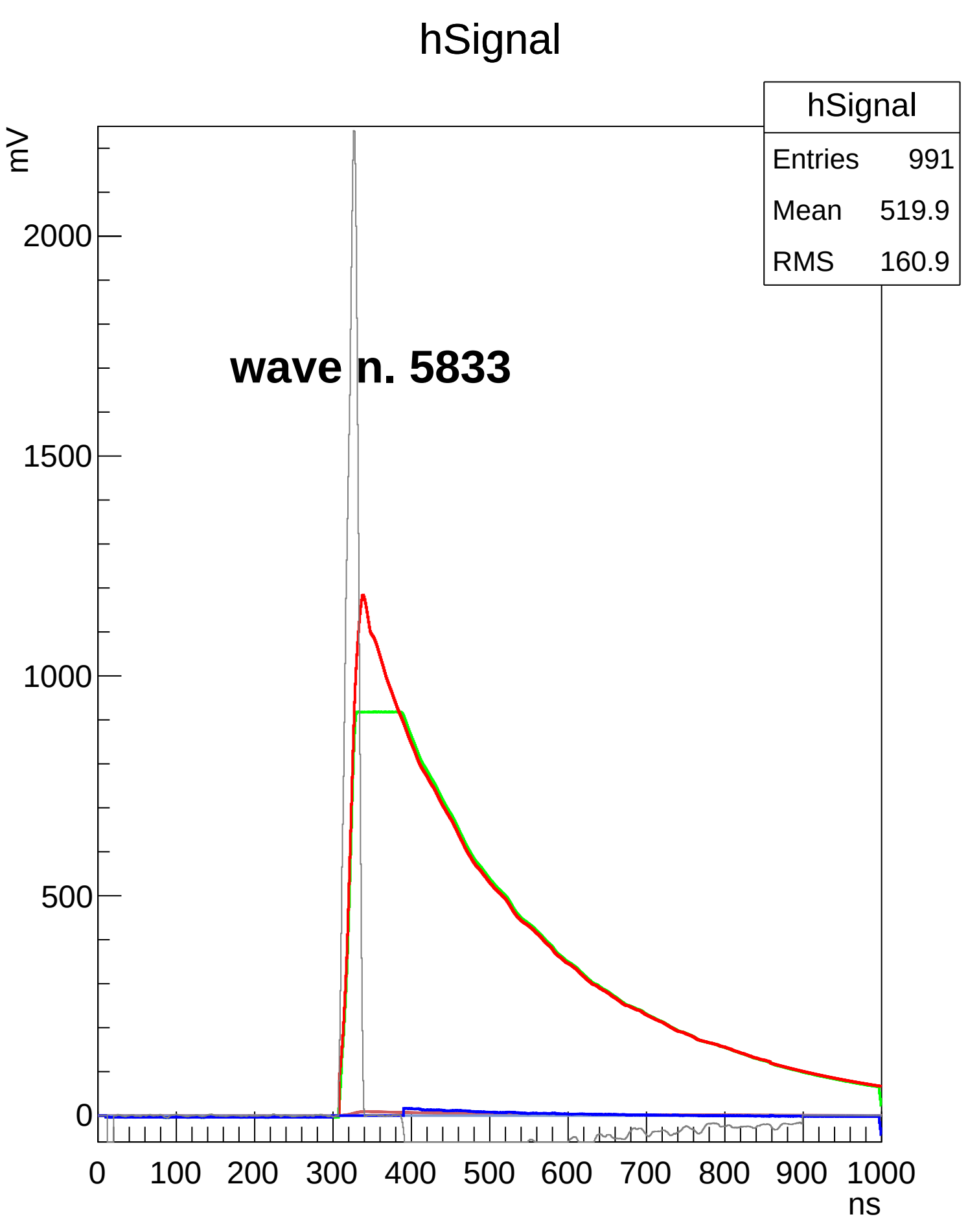
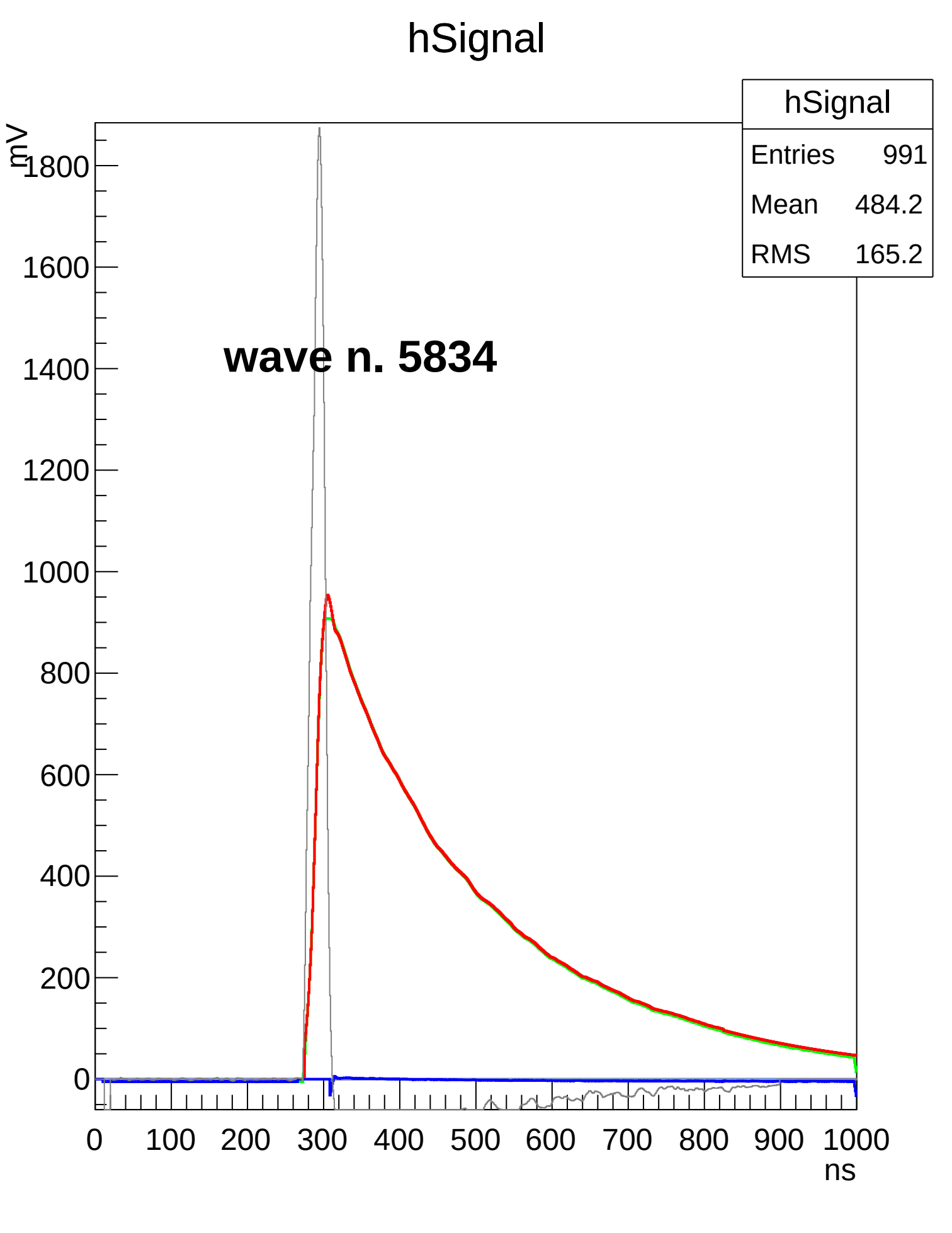
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.9
RMS 160.9
wave n. 5833
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 484.2
RMS 165.2
wave n. 5834
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
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400
500
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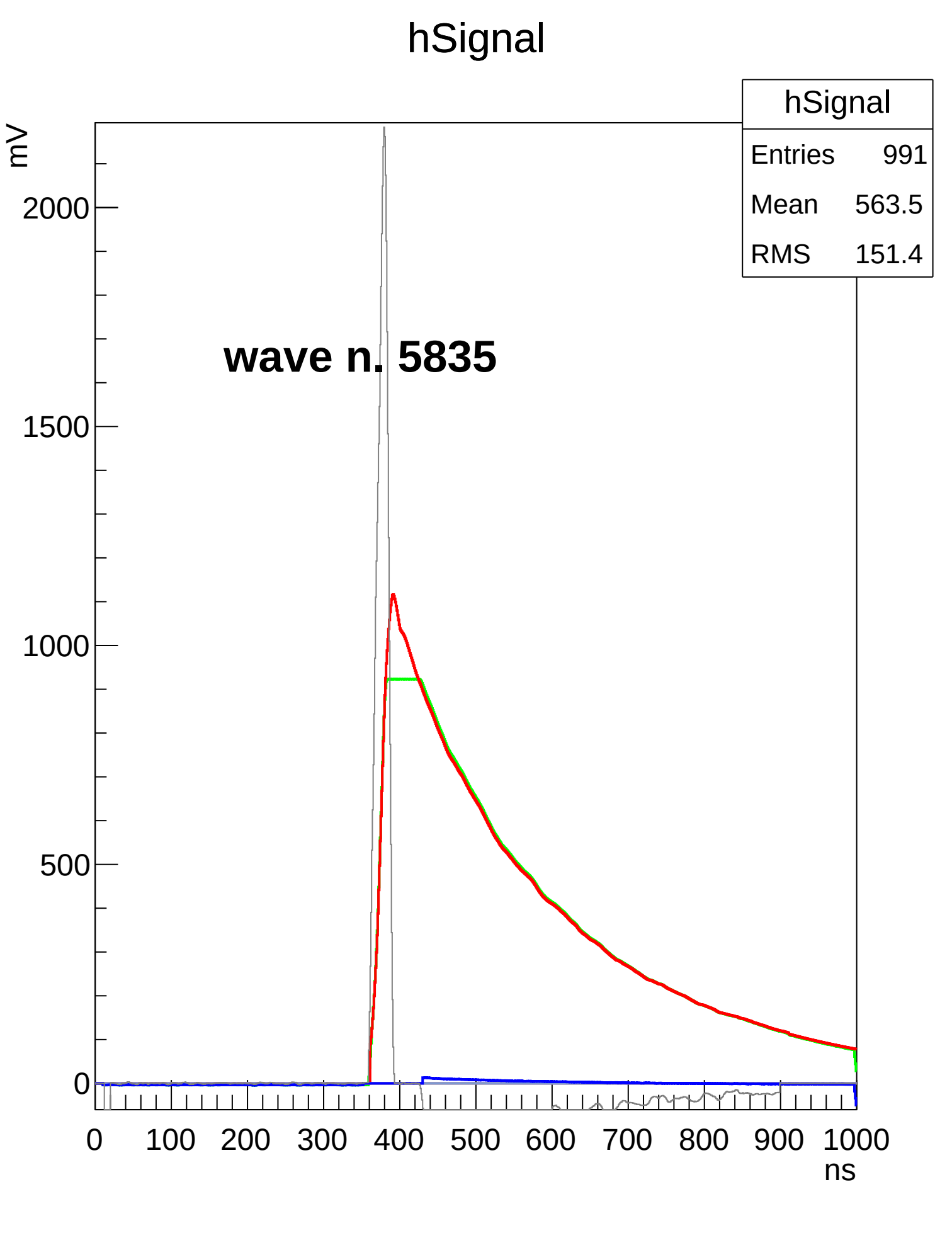
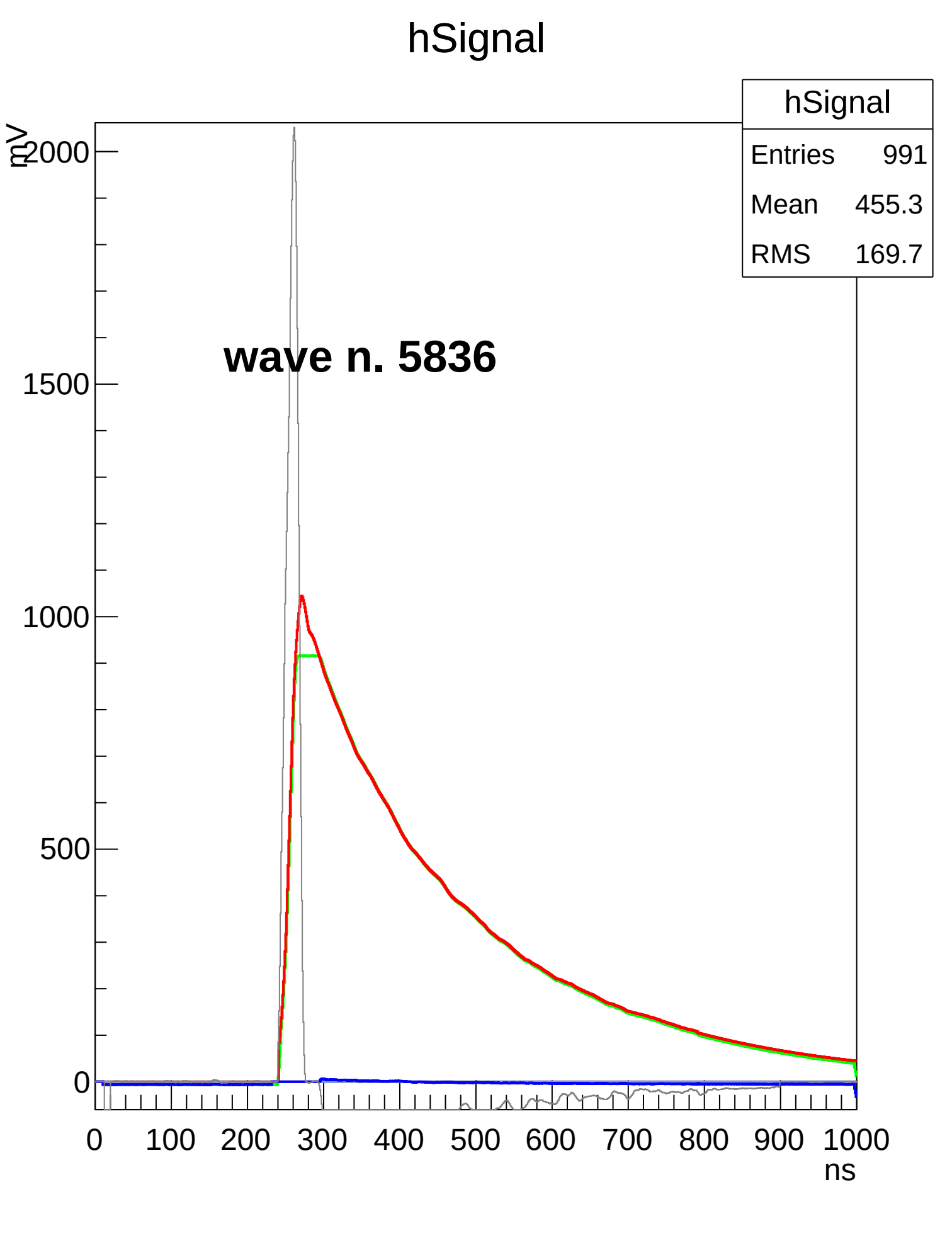
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 563.5
RMS 151.4
wave n. 5835
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 455.3
RMS 169.7
wave n. 5836
mV
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1500
1000
500
0
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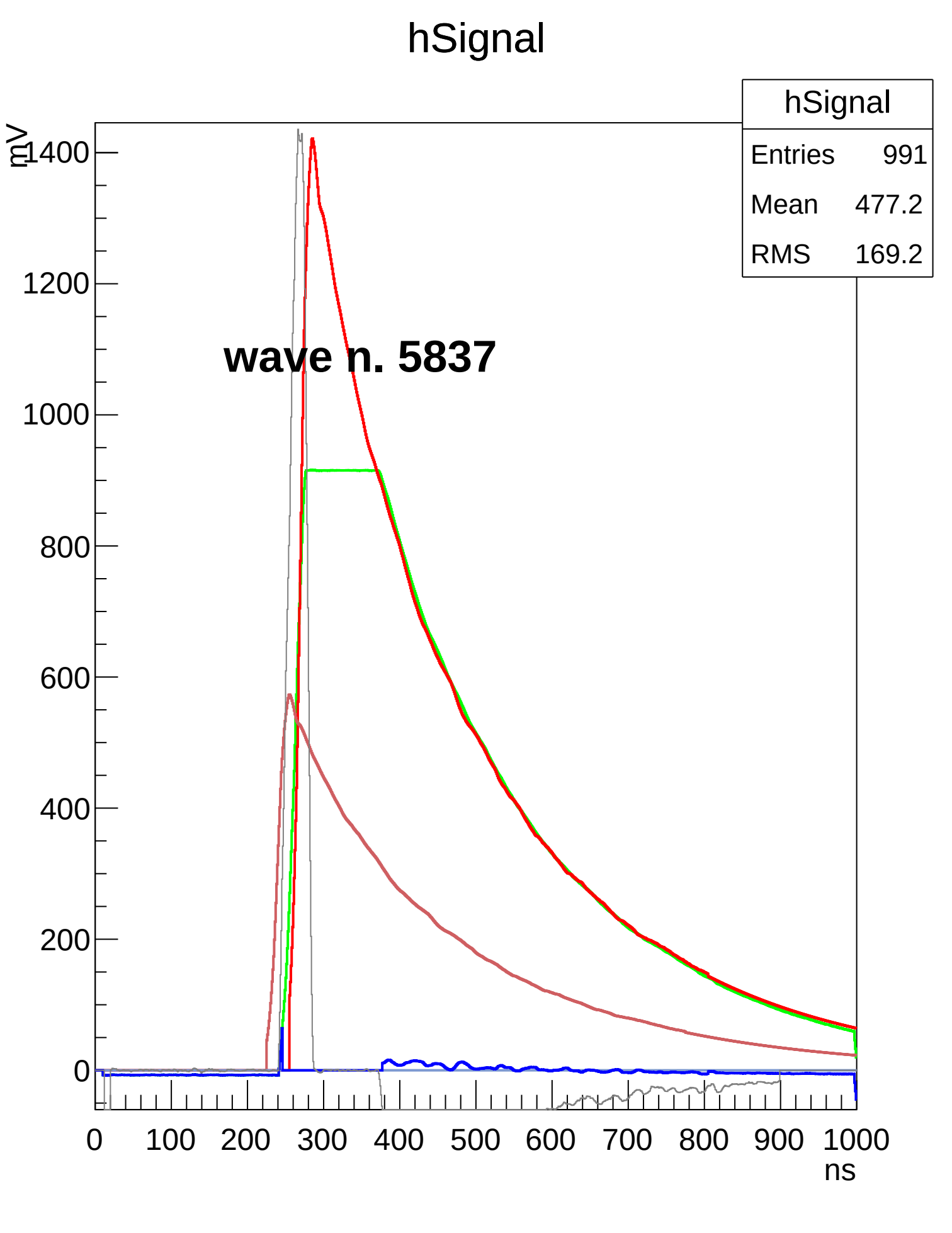
ns


hSignal
hSignal
Entries 991
Mean 477.2
RMS 169.2
wave n. 5837
mV
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0
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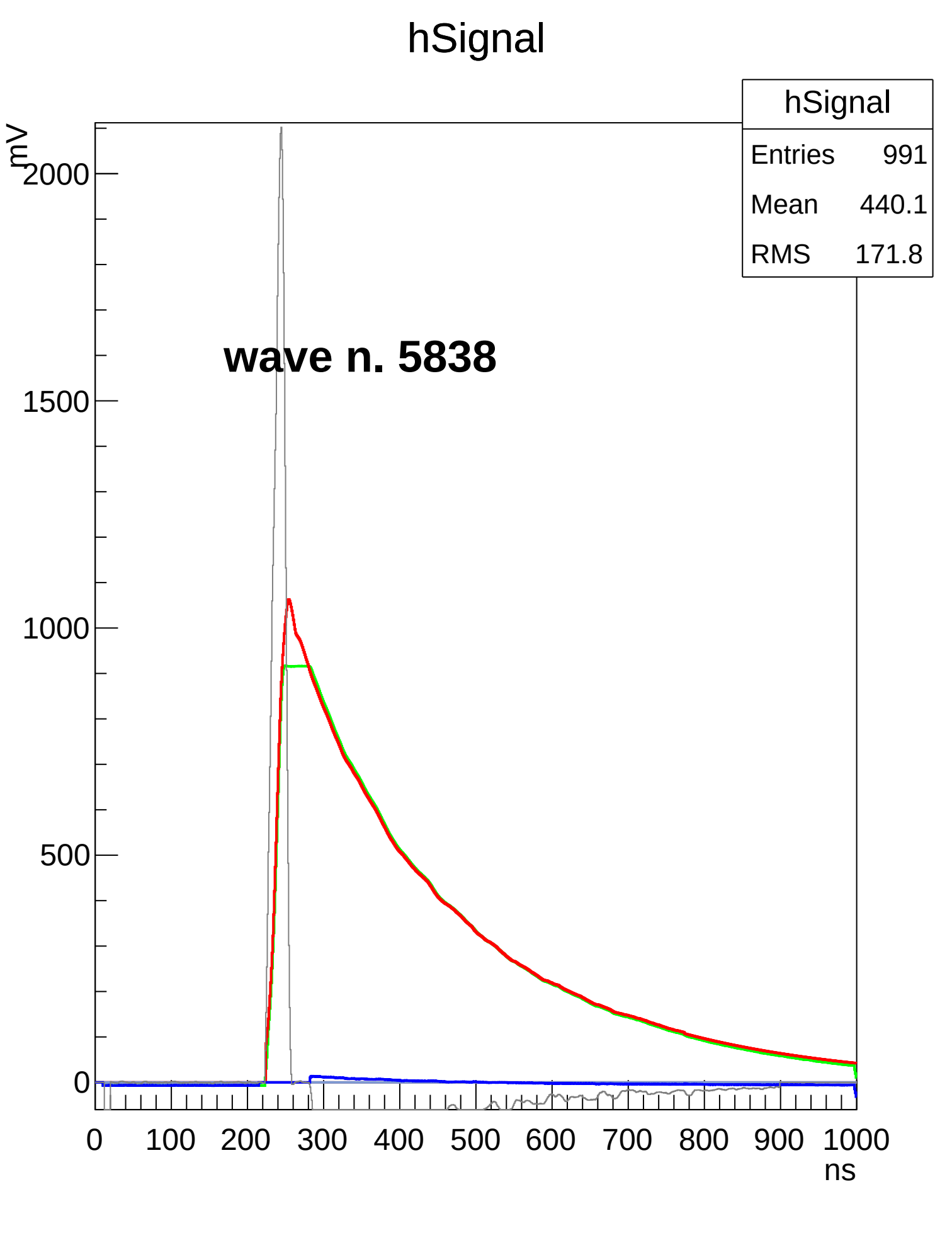
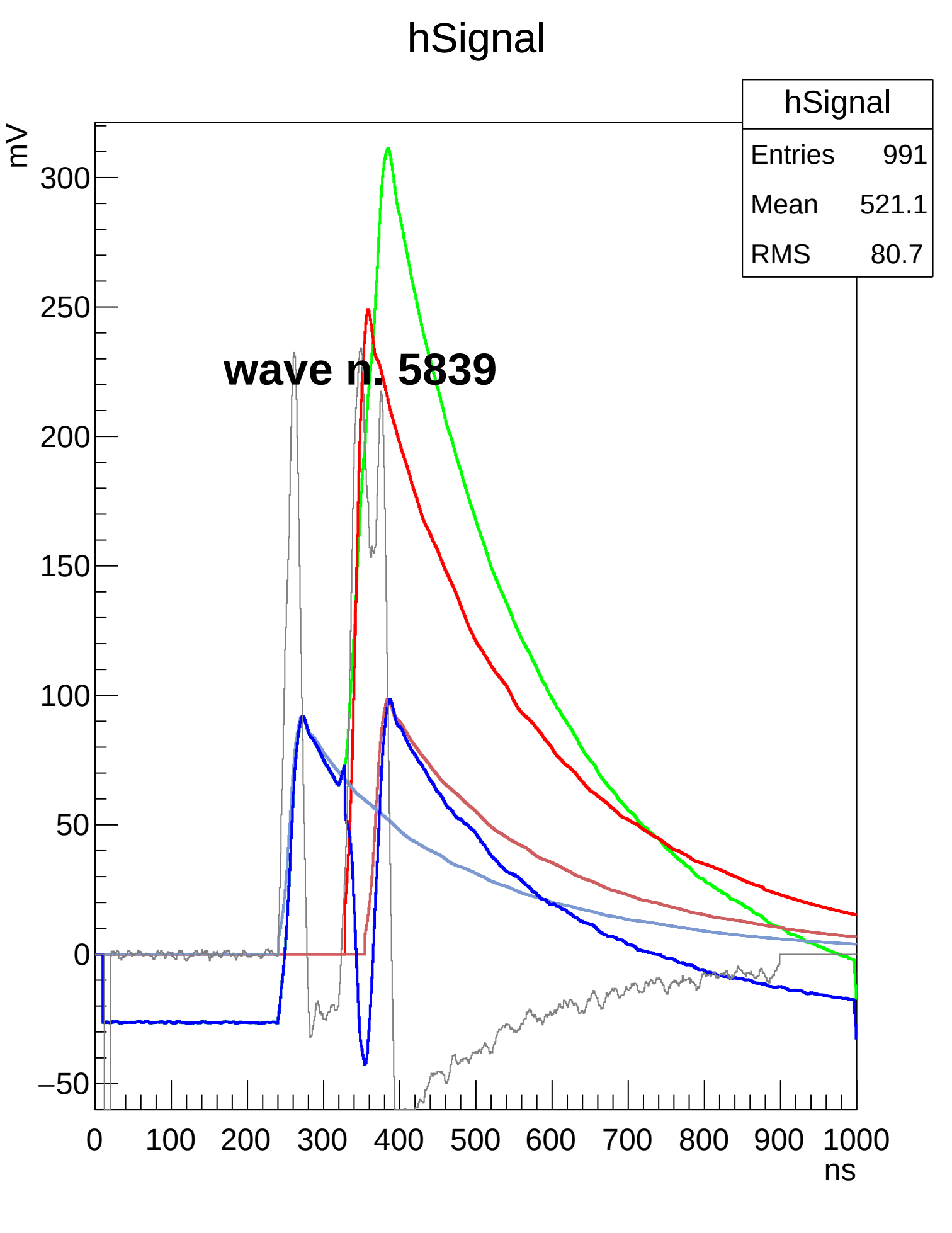
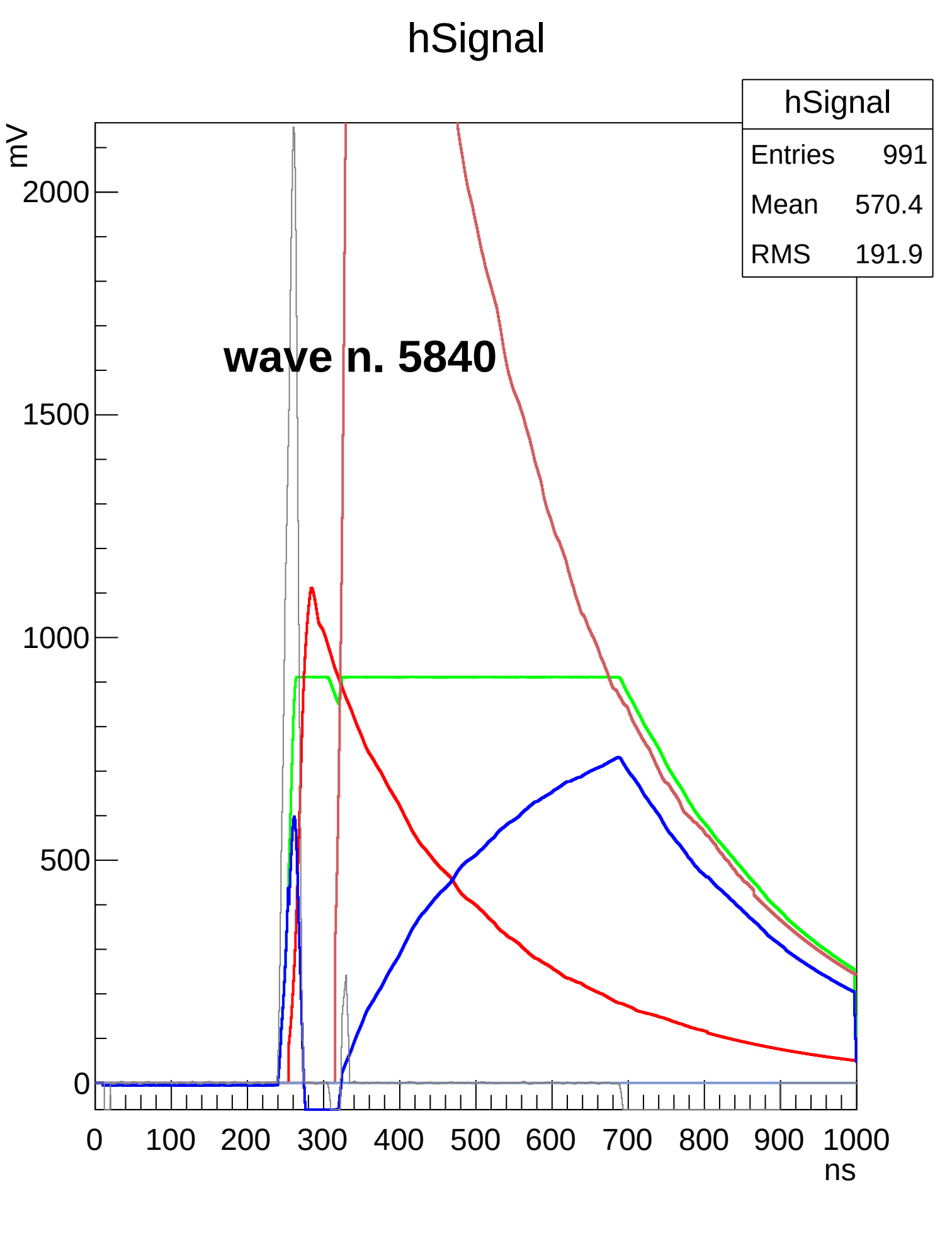
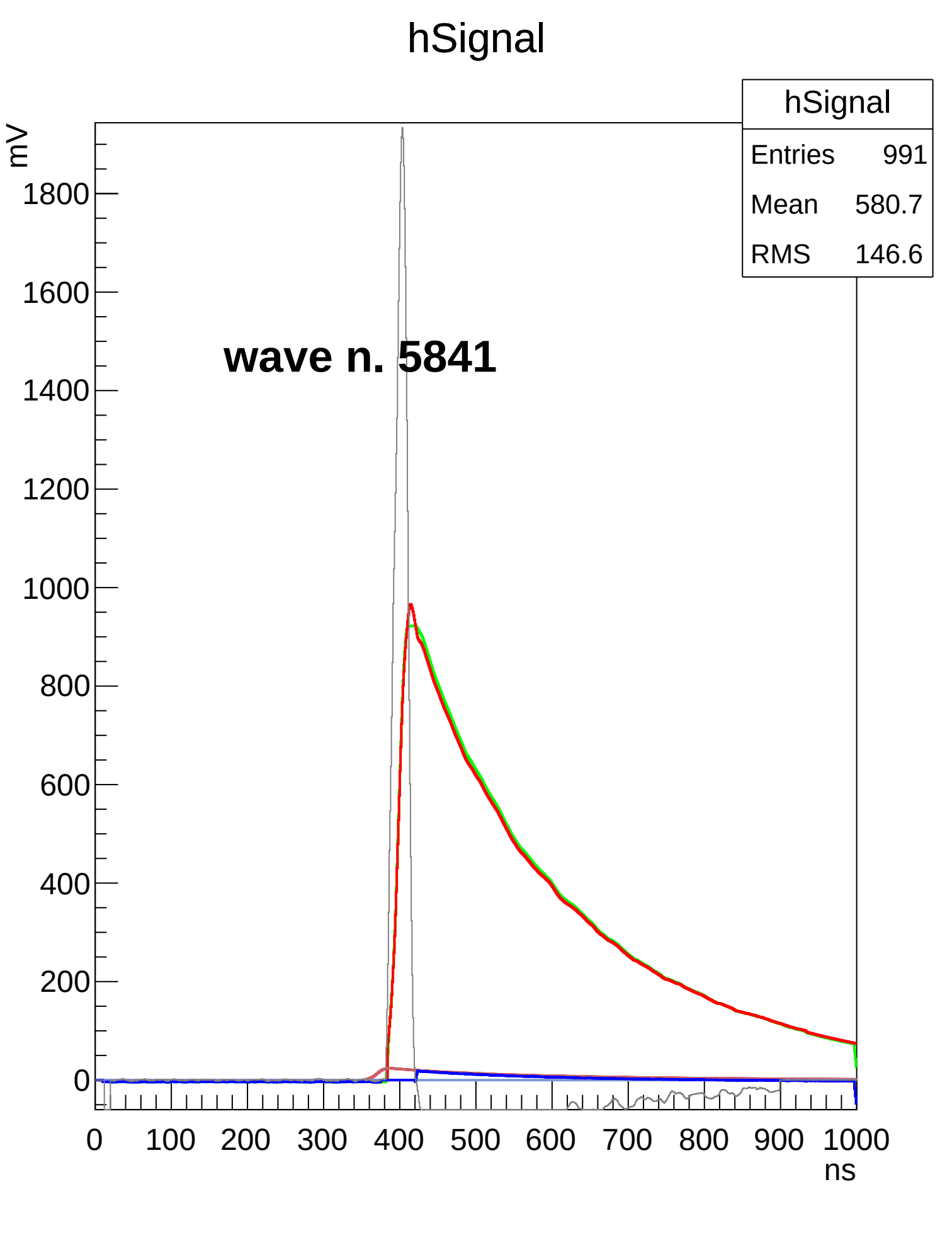
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 440.1
RMS 171.8
wave n. 5838
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 521.1
RMS 80.7
wave n. 5839
mV
300
250
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 570.4
RMS 191.9
wave n. 5840
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 580.7
RMS 146.6
wave n. 5841
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
300
400
500
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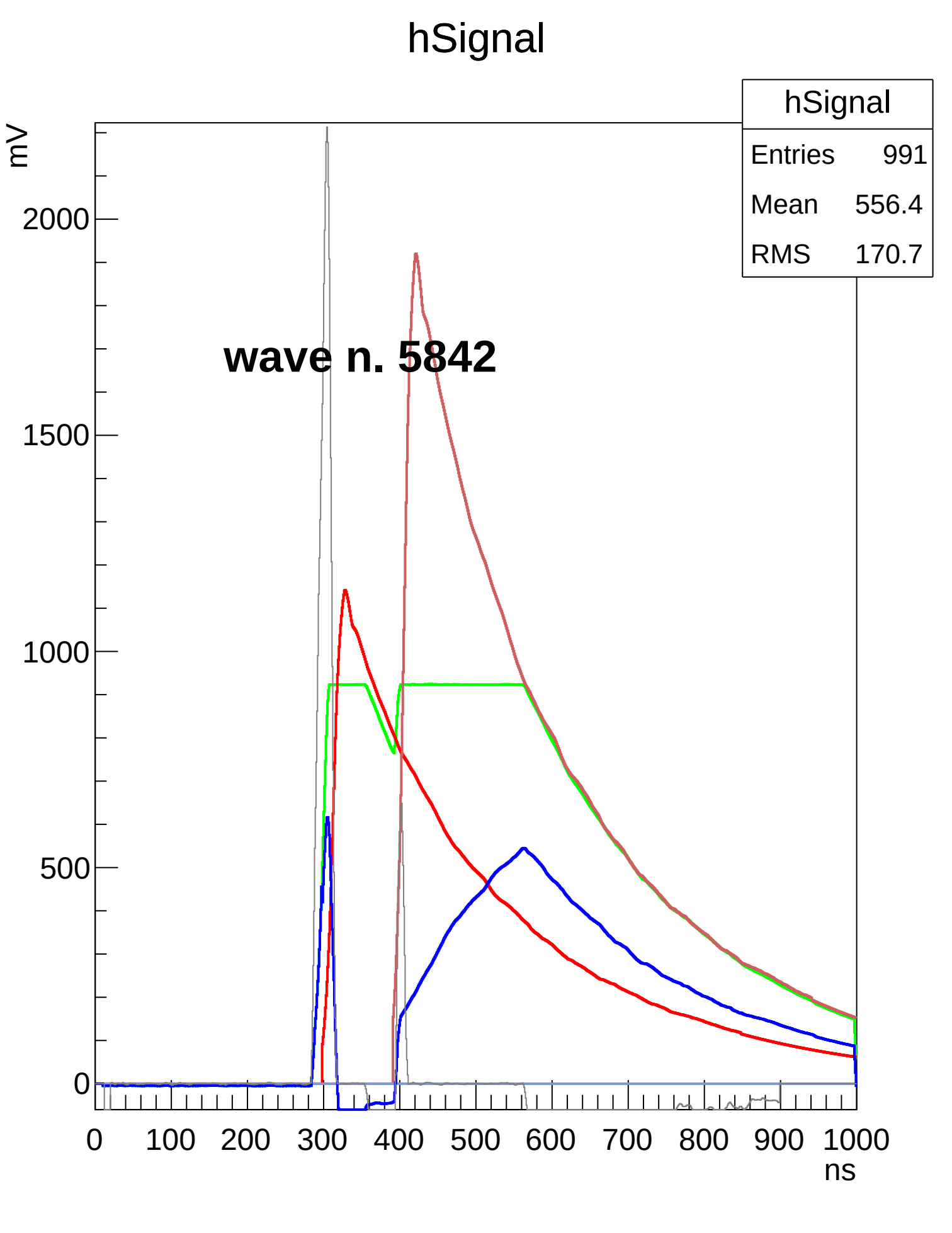
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 556.4
RMS 170.7
wave n. 5842
mV
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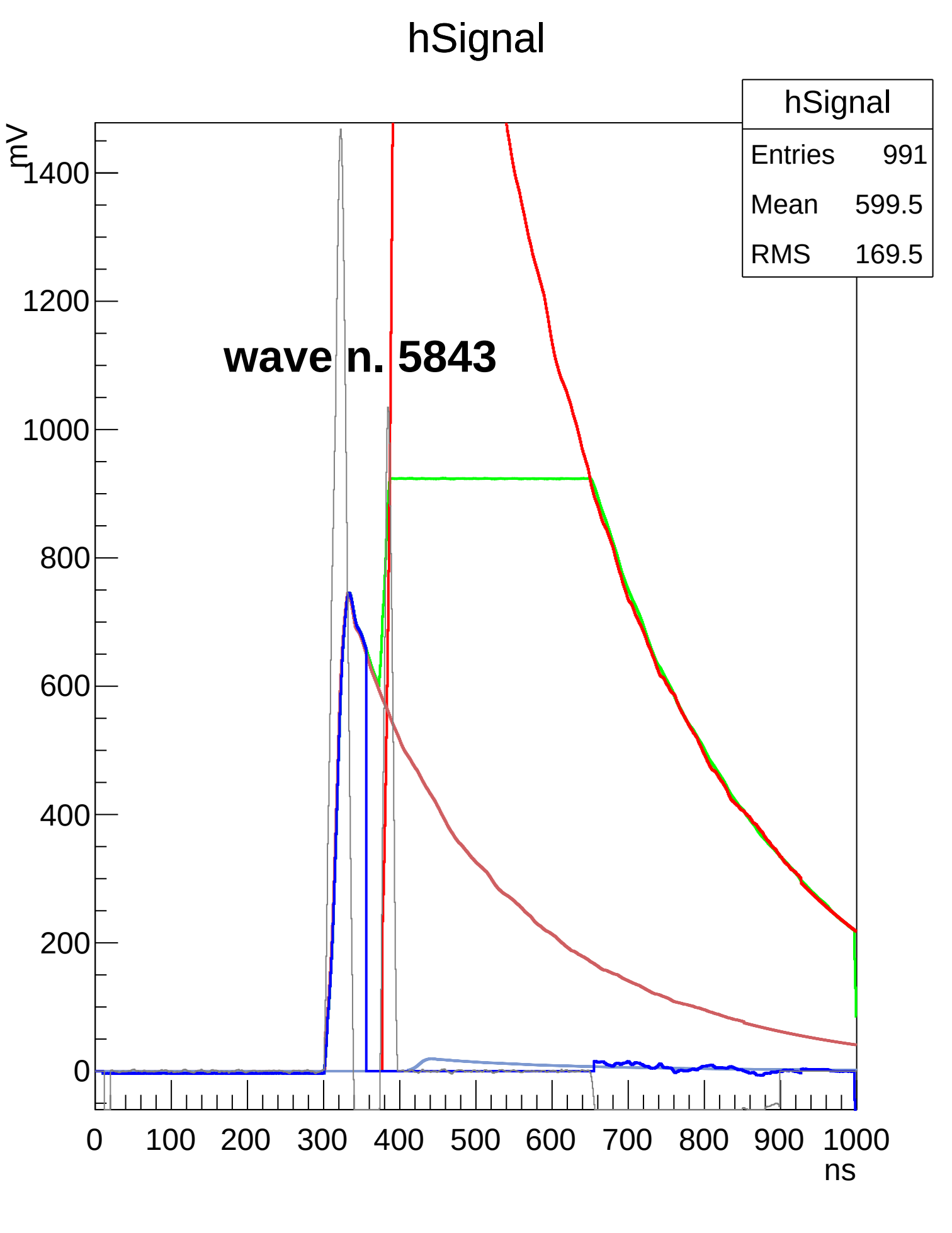
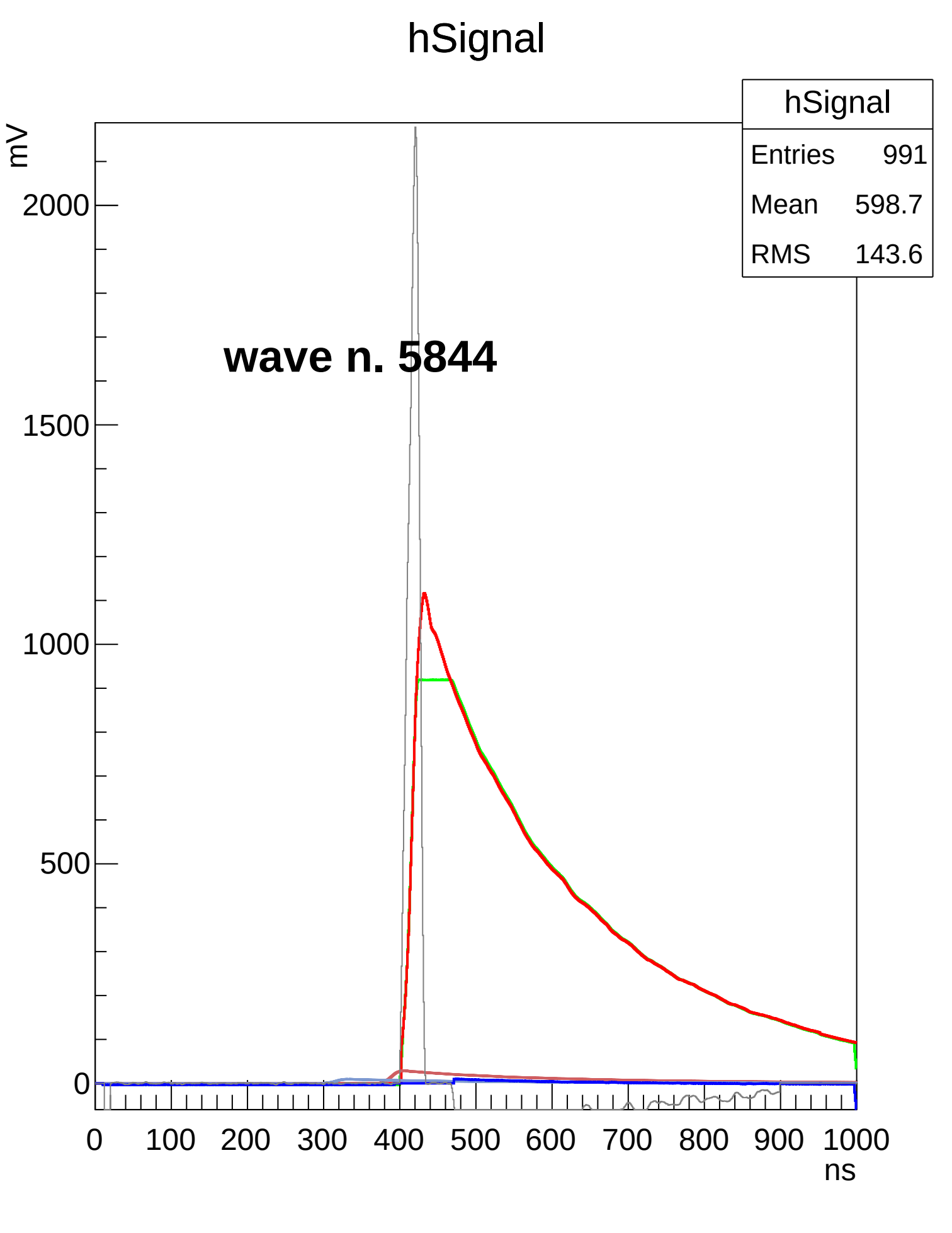
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 599.5
RMS 169.5
wave n. 5843
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 598.7
RMS 143.6
wave n. 5844
mV
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1500
1000
500
0
0
100
200
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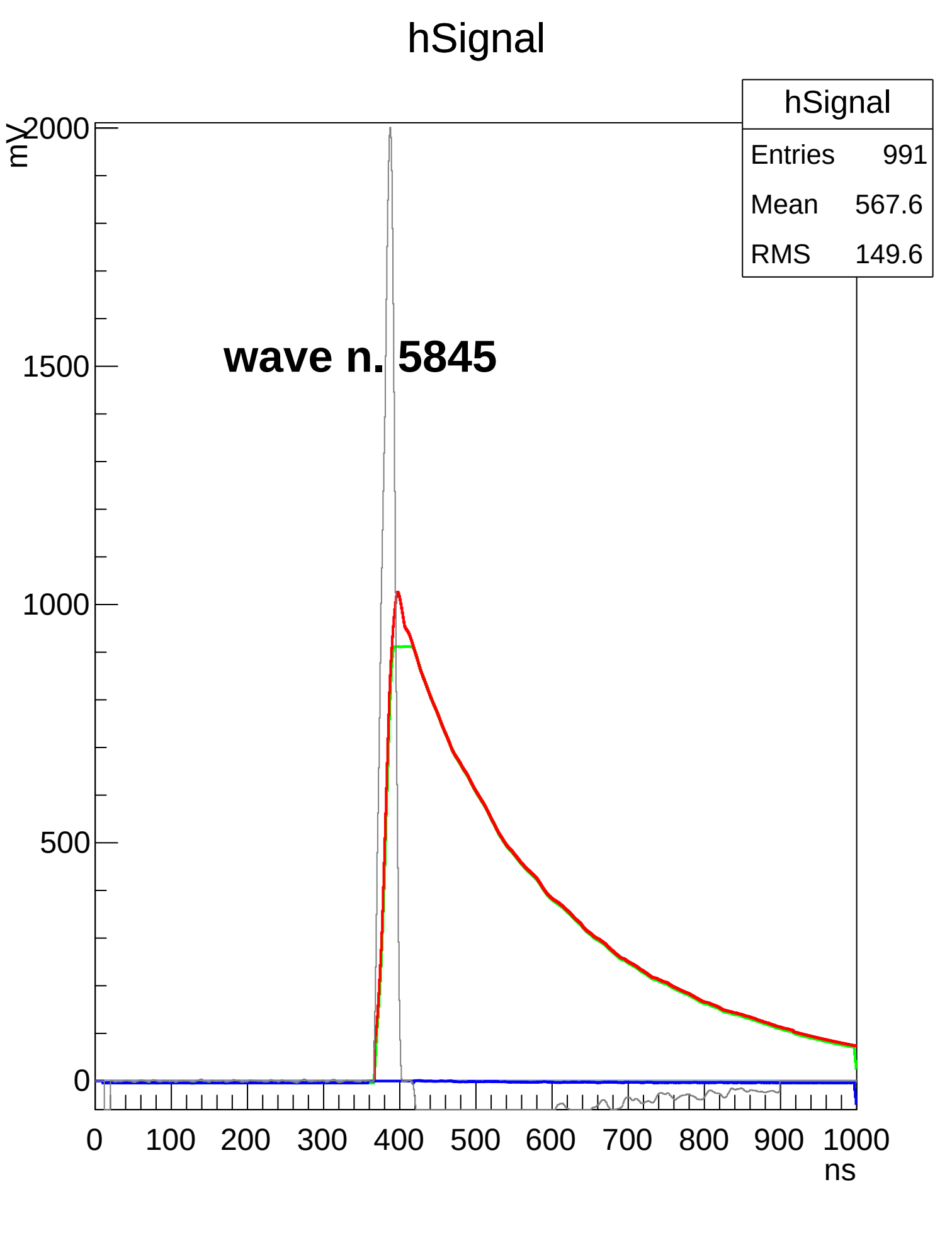
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 567.6
RMS 149.6
wave n. 5845
mV
2000
1500
1000
500
0
0
100
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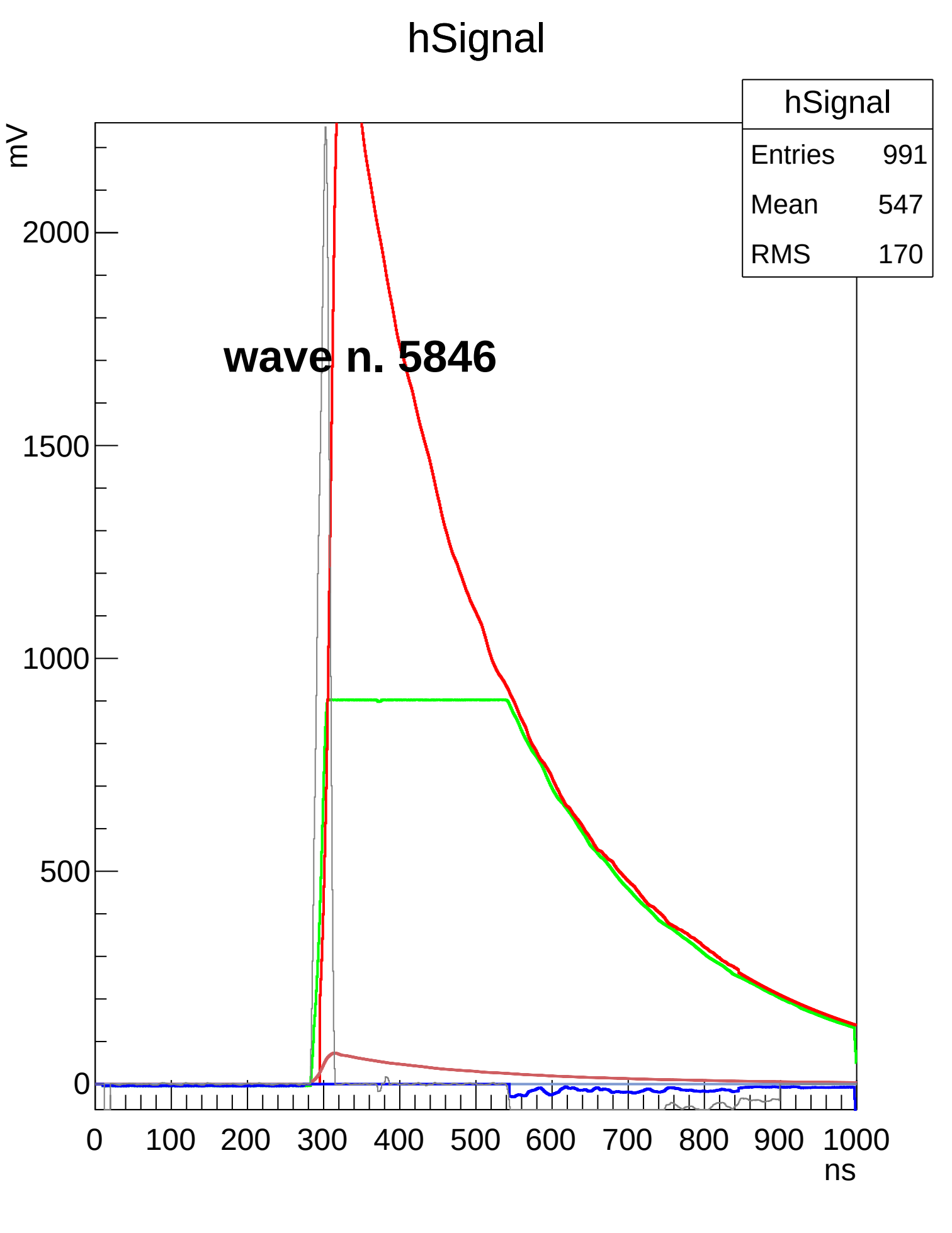
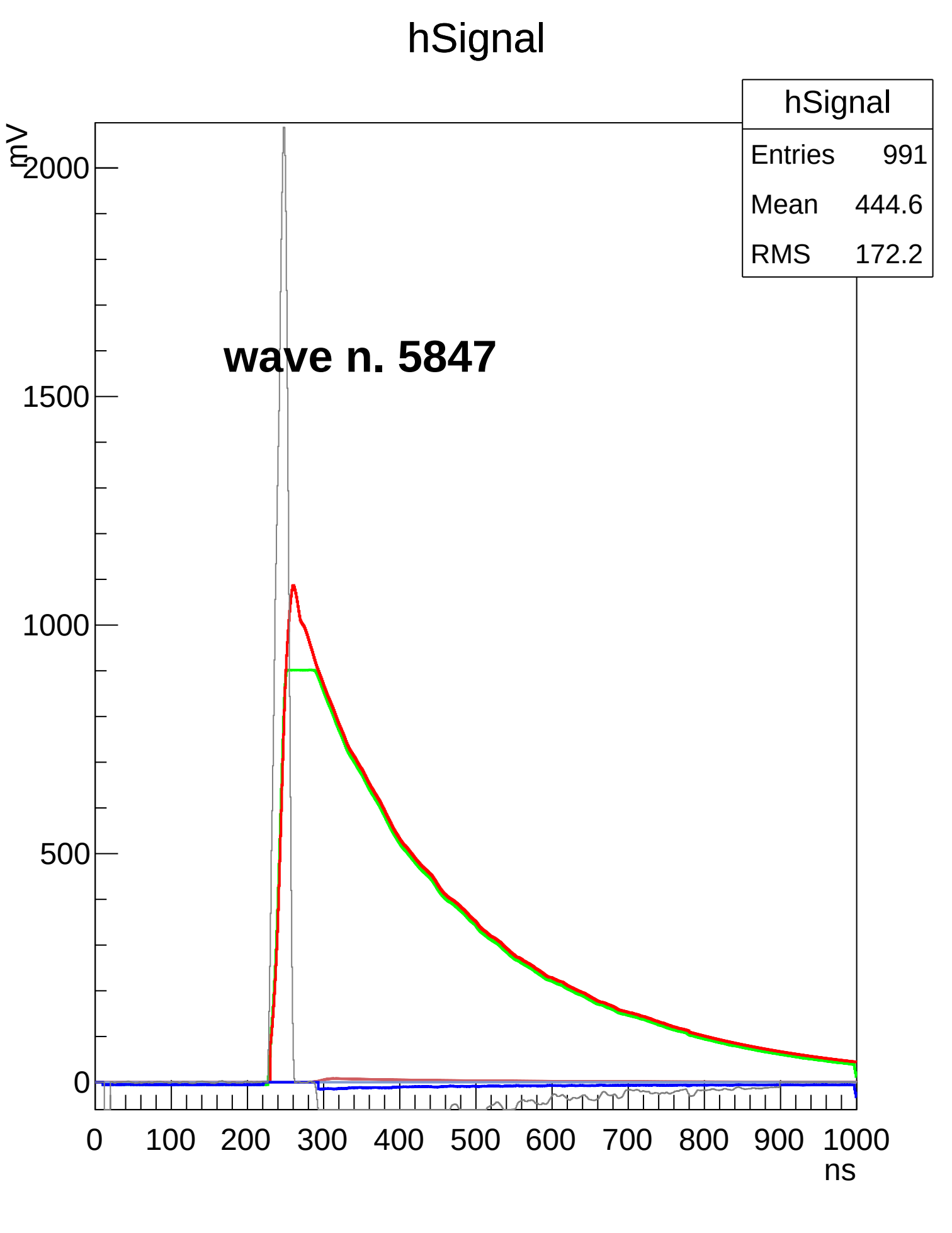
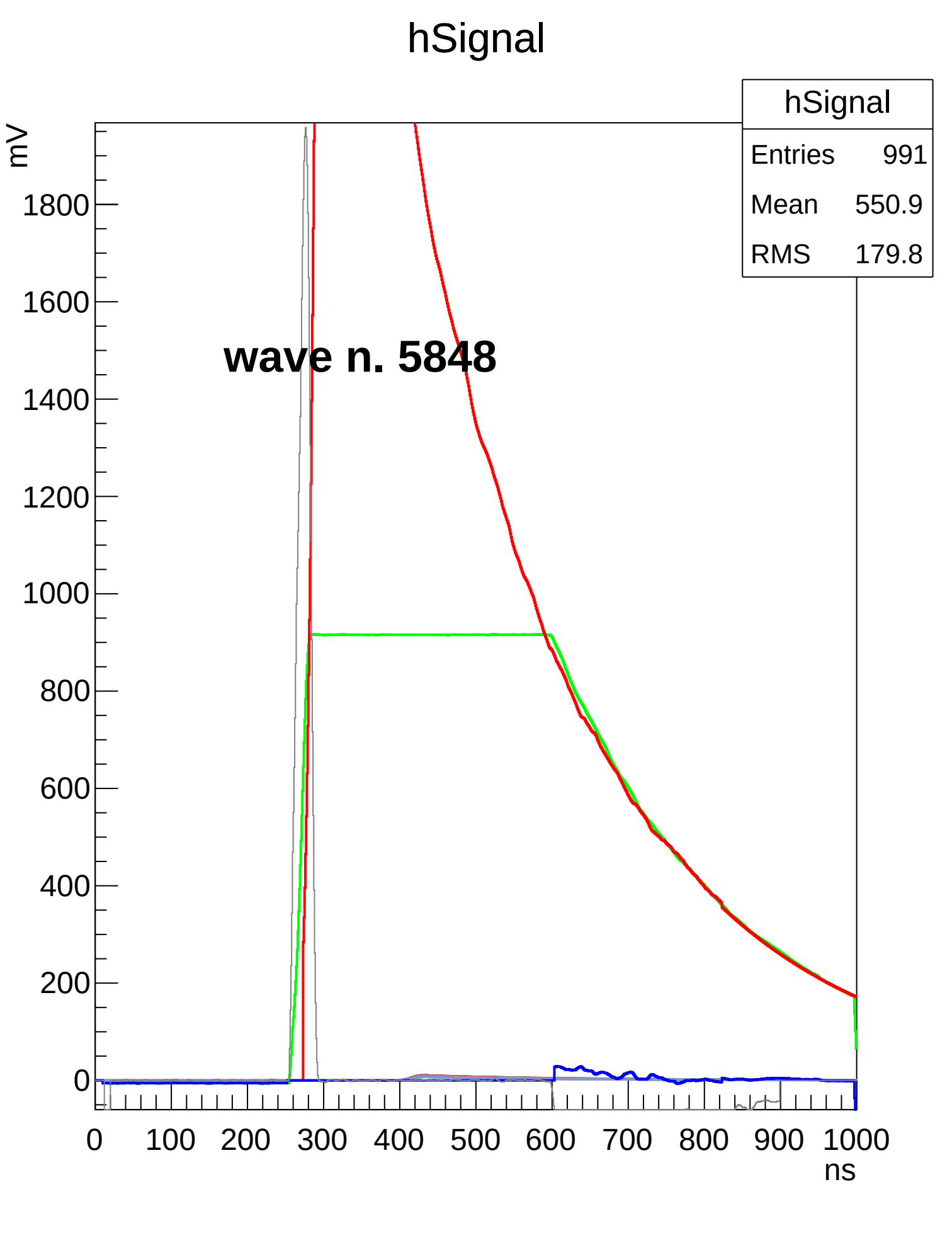
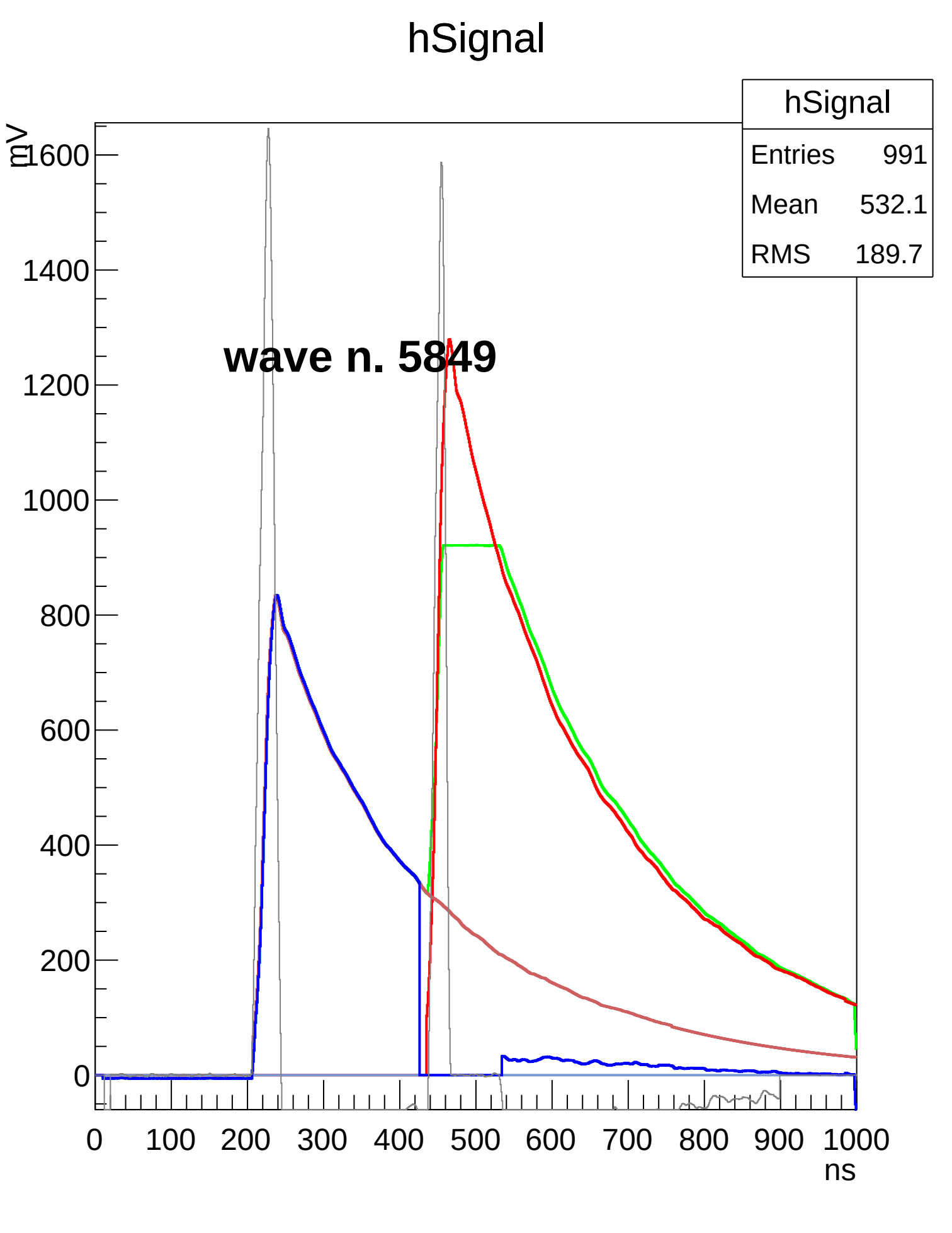
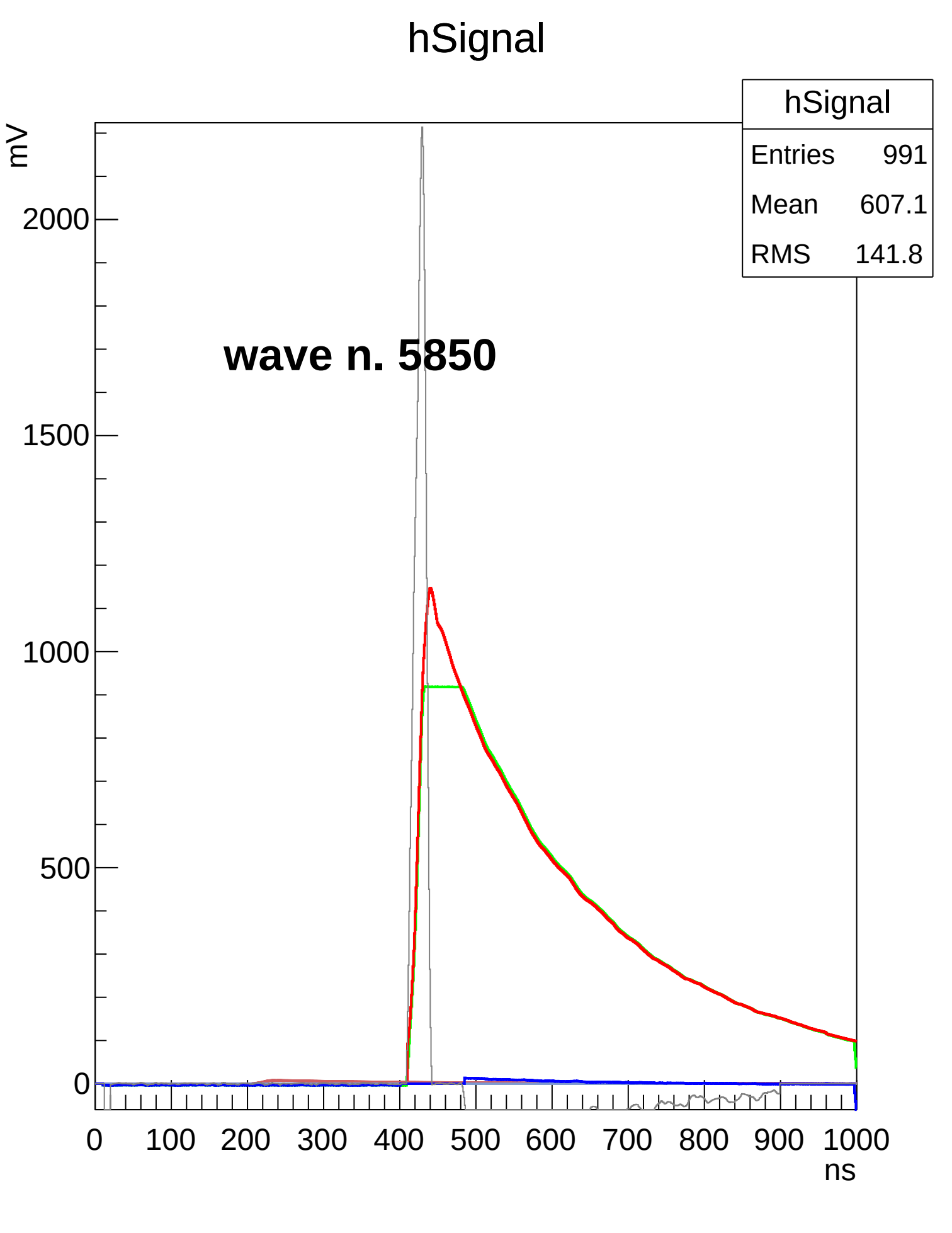
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547
RMS 170
wave n. 5846
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 444.6
RMS 172.2
wave n. 5847
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 550.9
RMS 179.8
wave n. 5848
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 532.1
RMS 189.7
wave n. 5849
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 607.1
RMS 141.8
wave n. 5850
mV
2000
1500
1000
500
0
0
100
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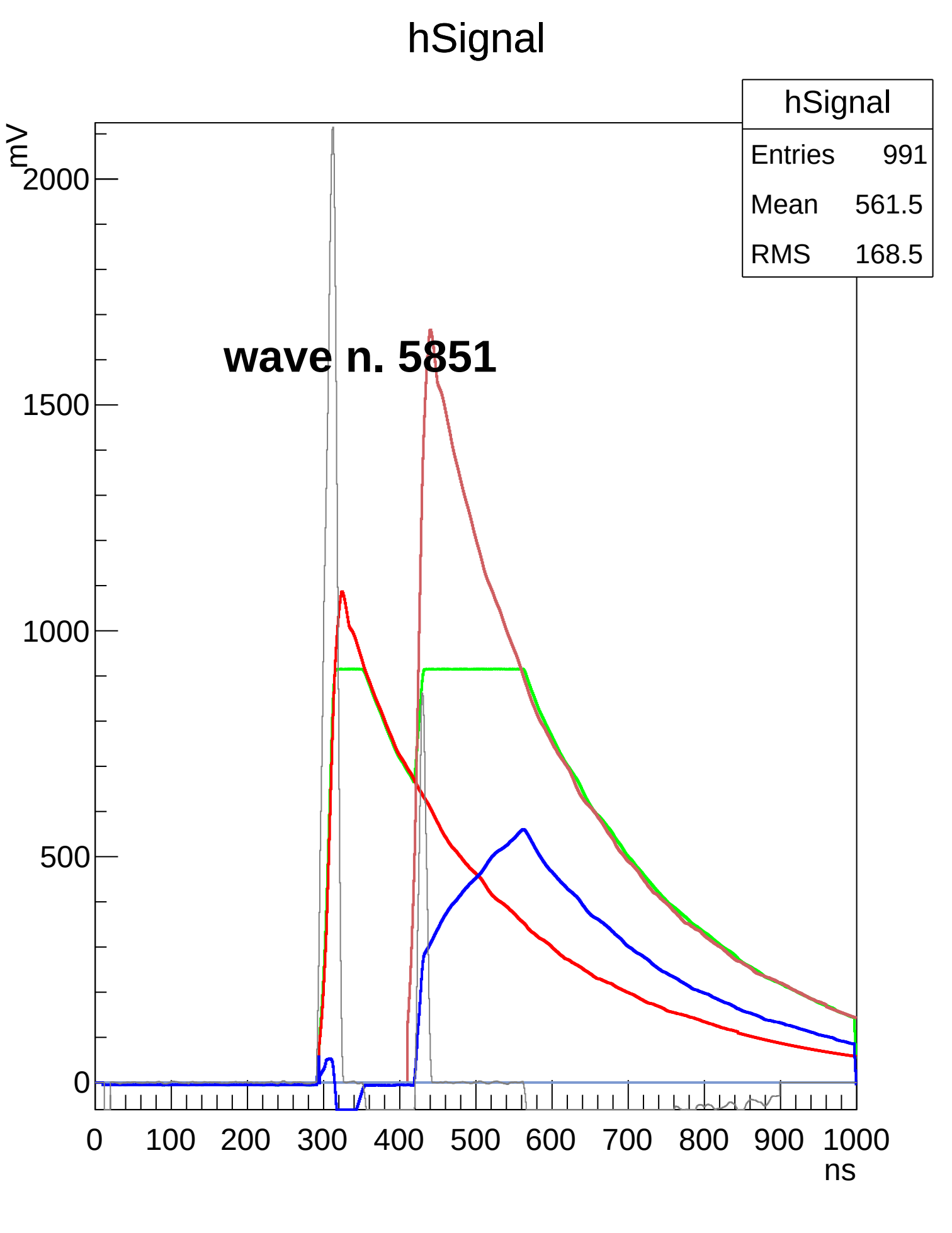
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 561.5
RMS 168.5
wave n. 5851
mV
2000
1500
1000
500
0
0
100
200
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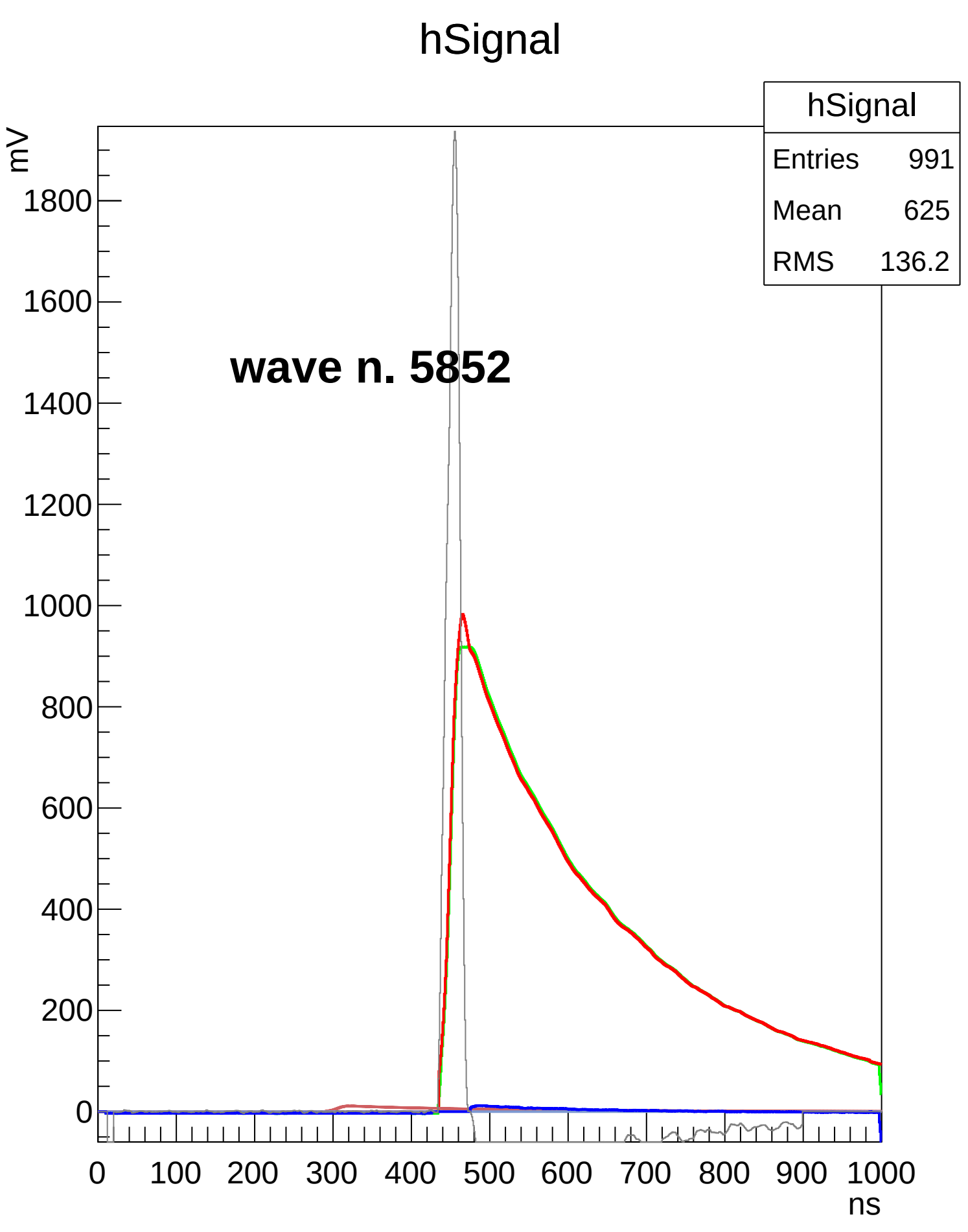
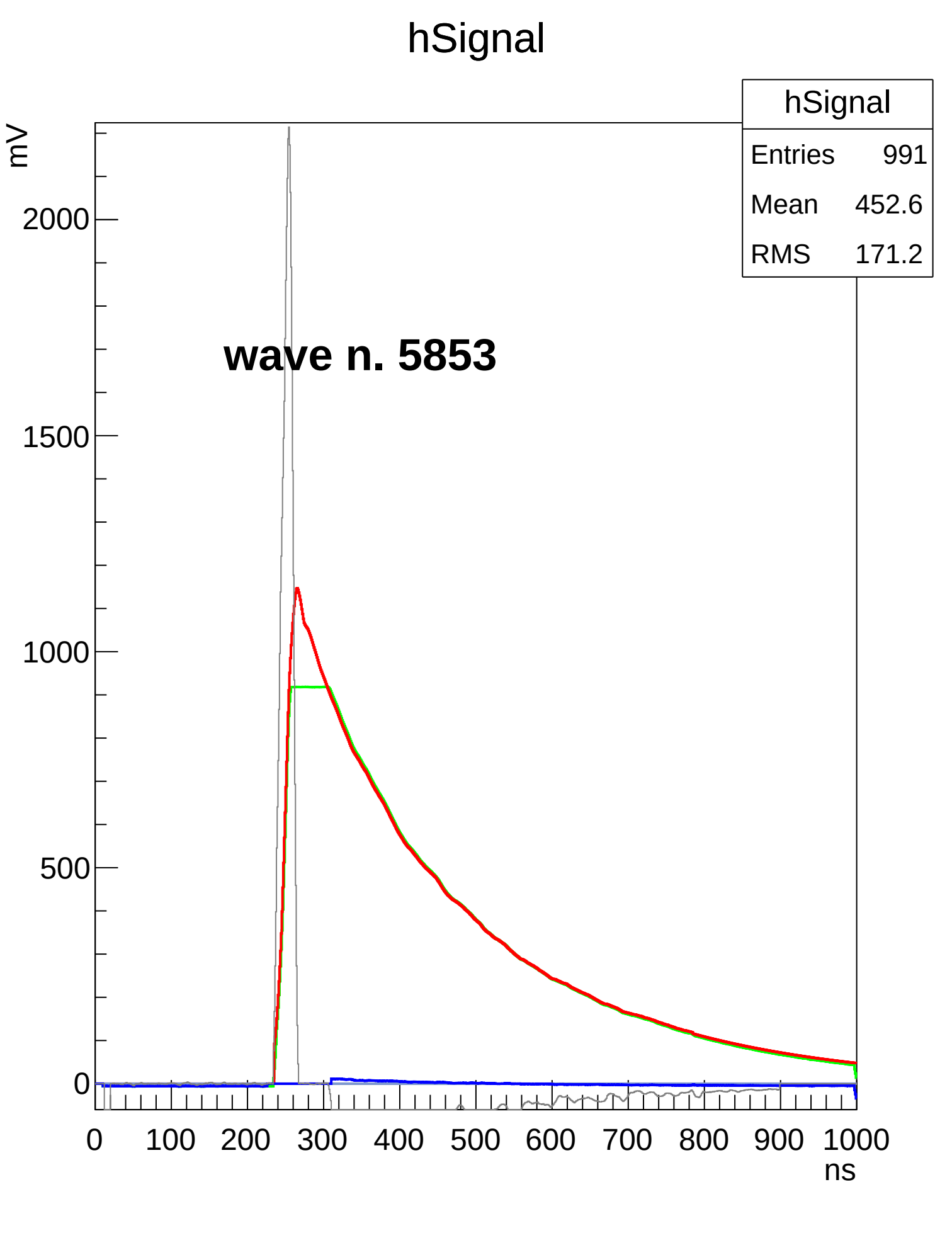
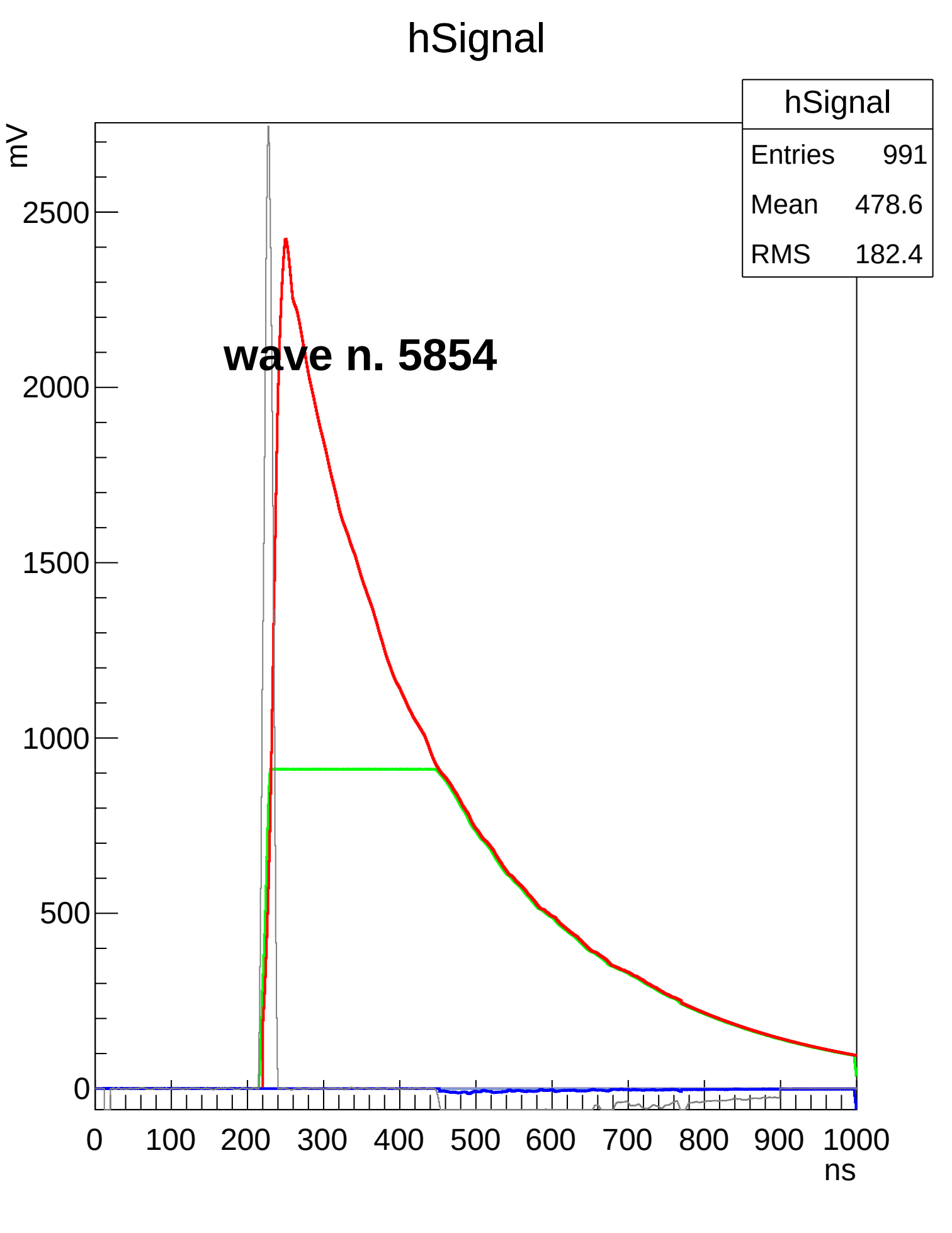
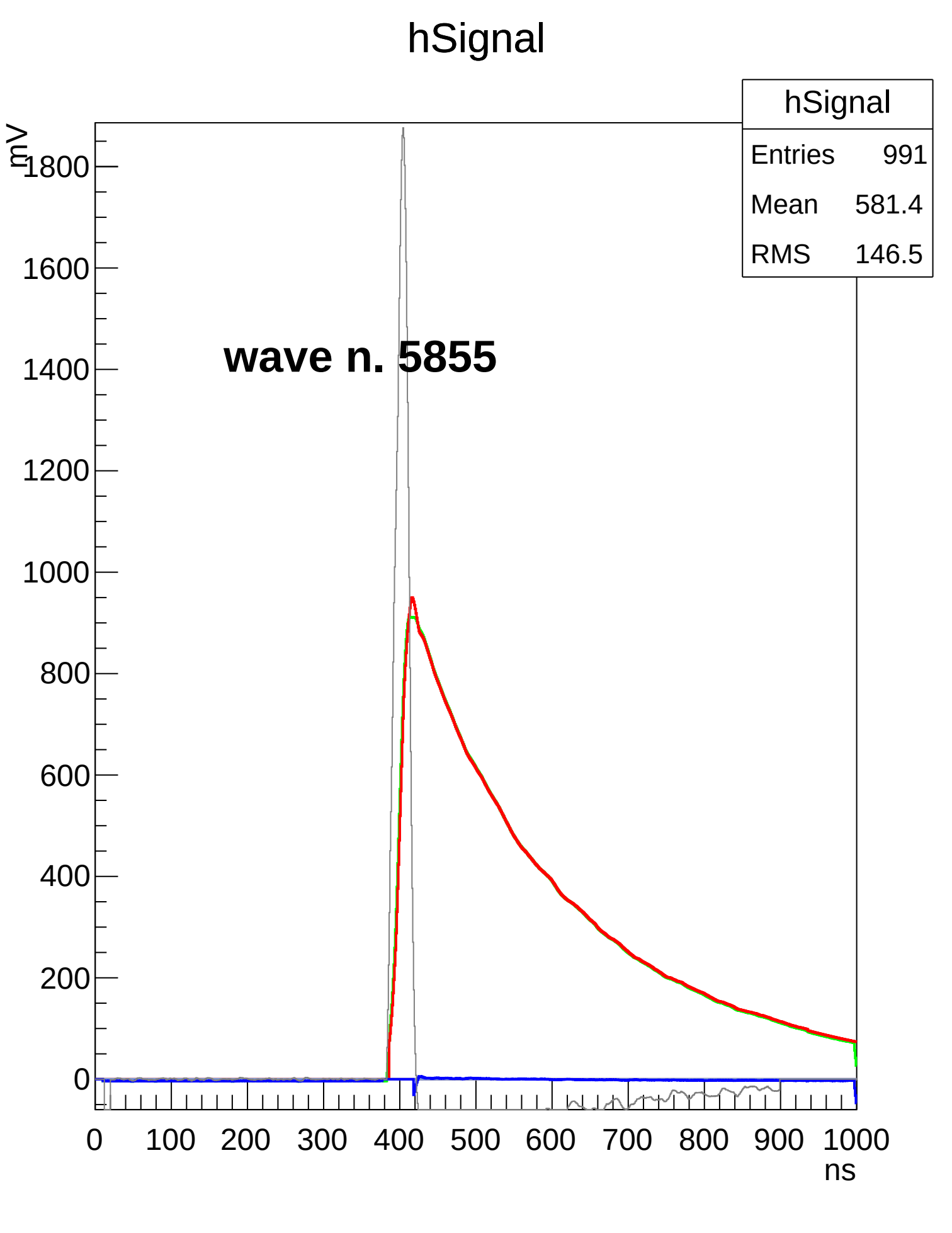
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 625
RMS 136.2
wave n. 5852
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 452.6
RMS 171.2
wave n. 5853
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 478.6
RMS 182.4
wave n. 5854
mV
2500
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 581.4
RMS 146.5
wave n. 5855
mV
1800
1600
1400
1200
1000
800
600
400
200
0
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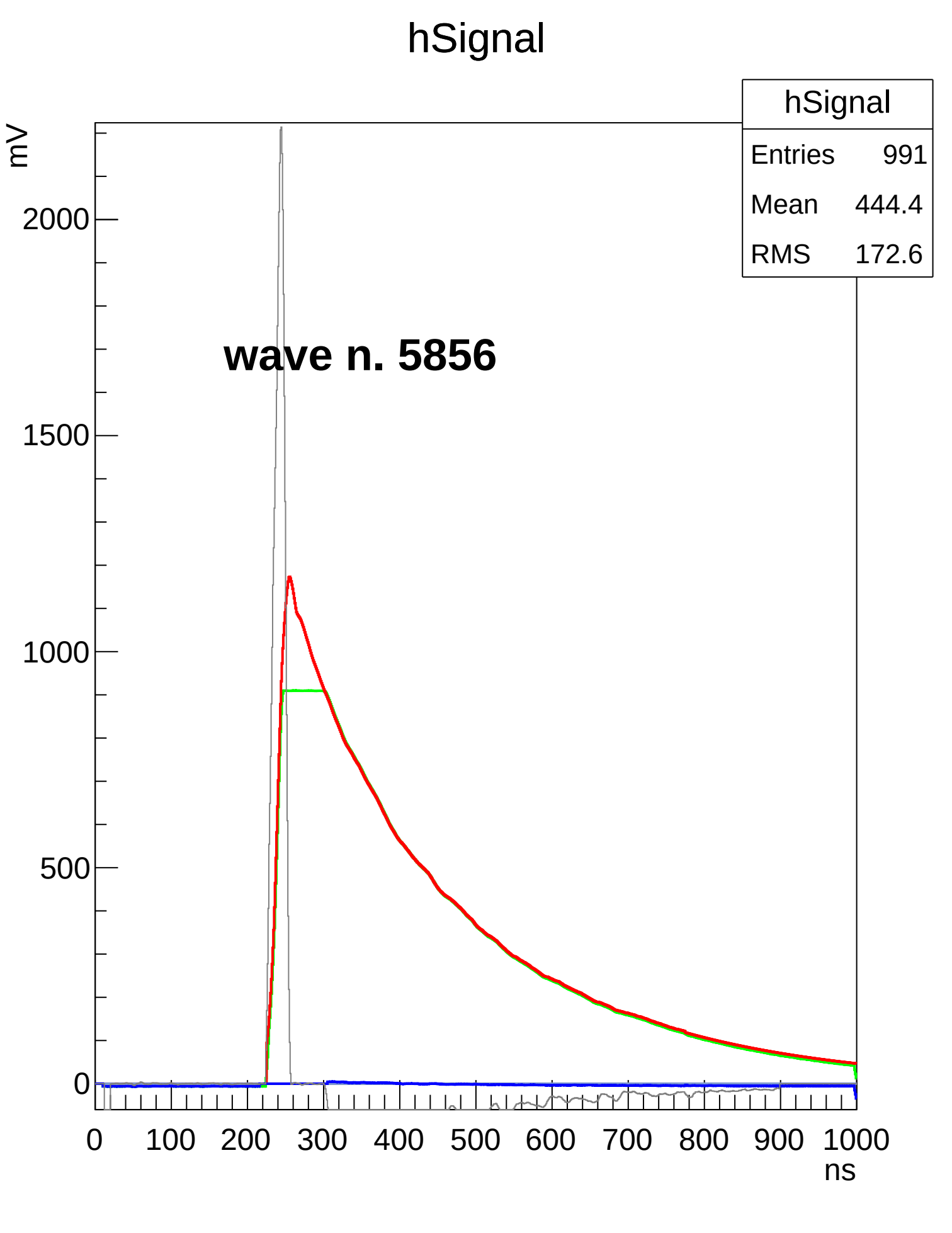
ns


hSignal
hSignal
Entries 991
Mean 444.4
RMS 172.6
wave n. 5856
mV
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1500
1000
500
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0
100
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400
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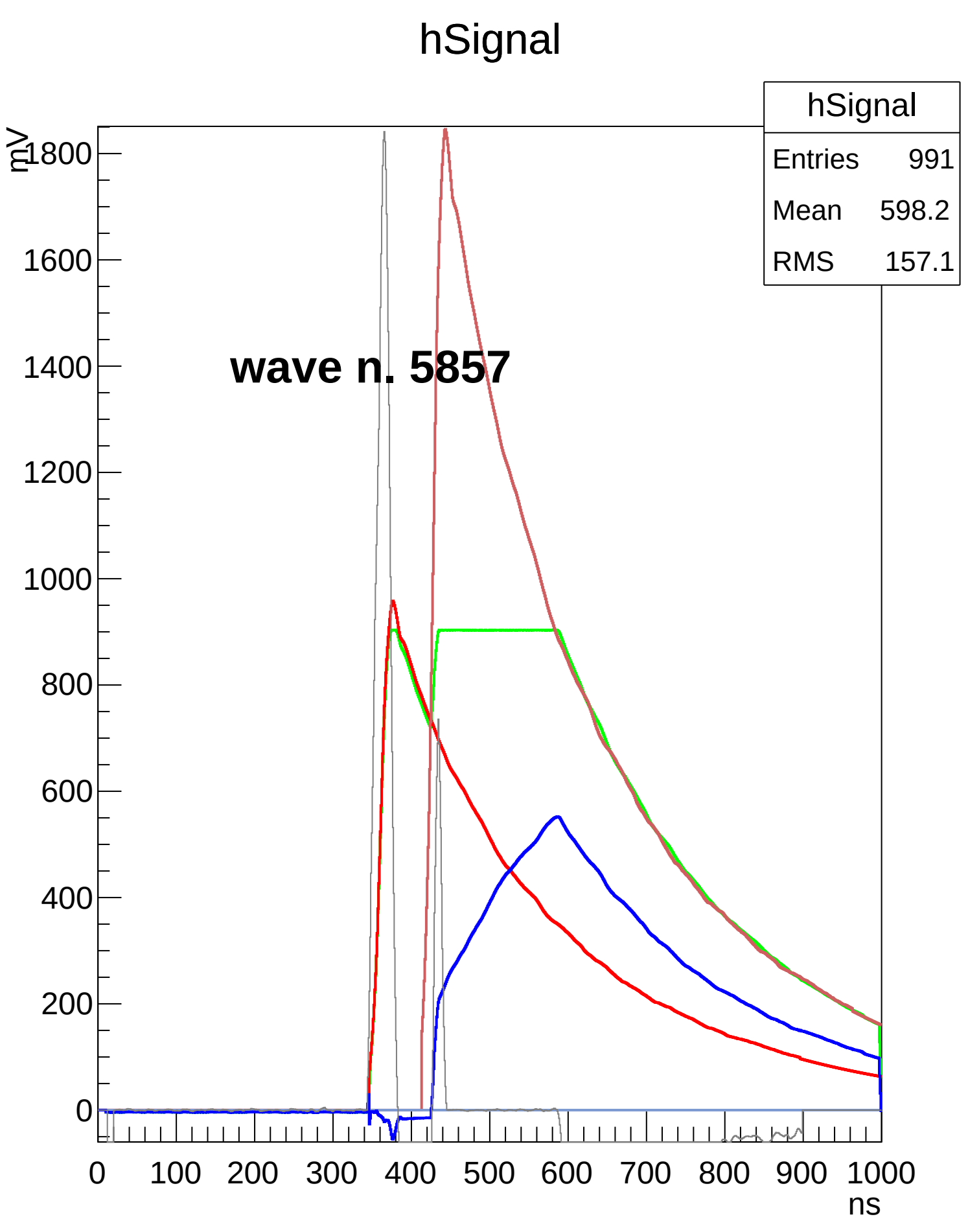
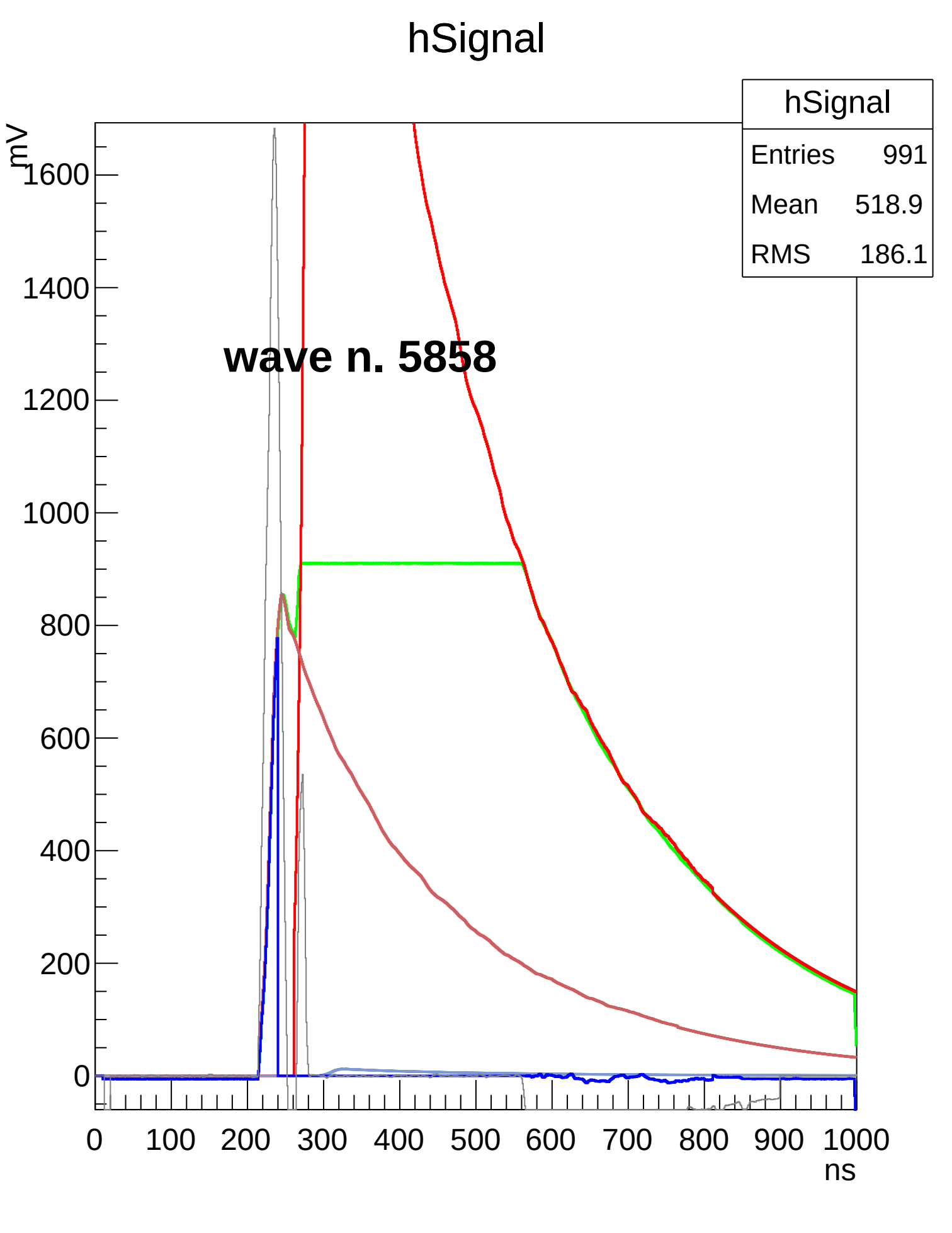
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 598.2
RMS 157.1
wave n. 5857
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 518.9
RMS 186.1
wave n. 5858
mV
1600
1400
1200
1000
800
600
400
200
0
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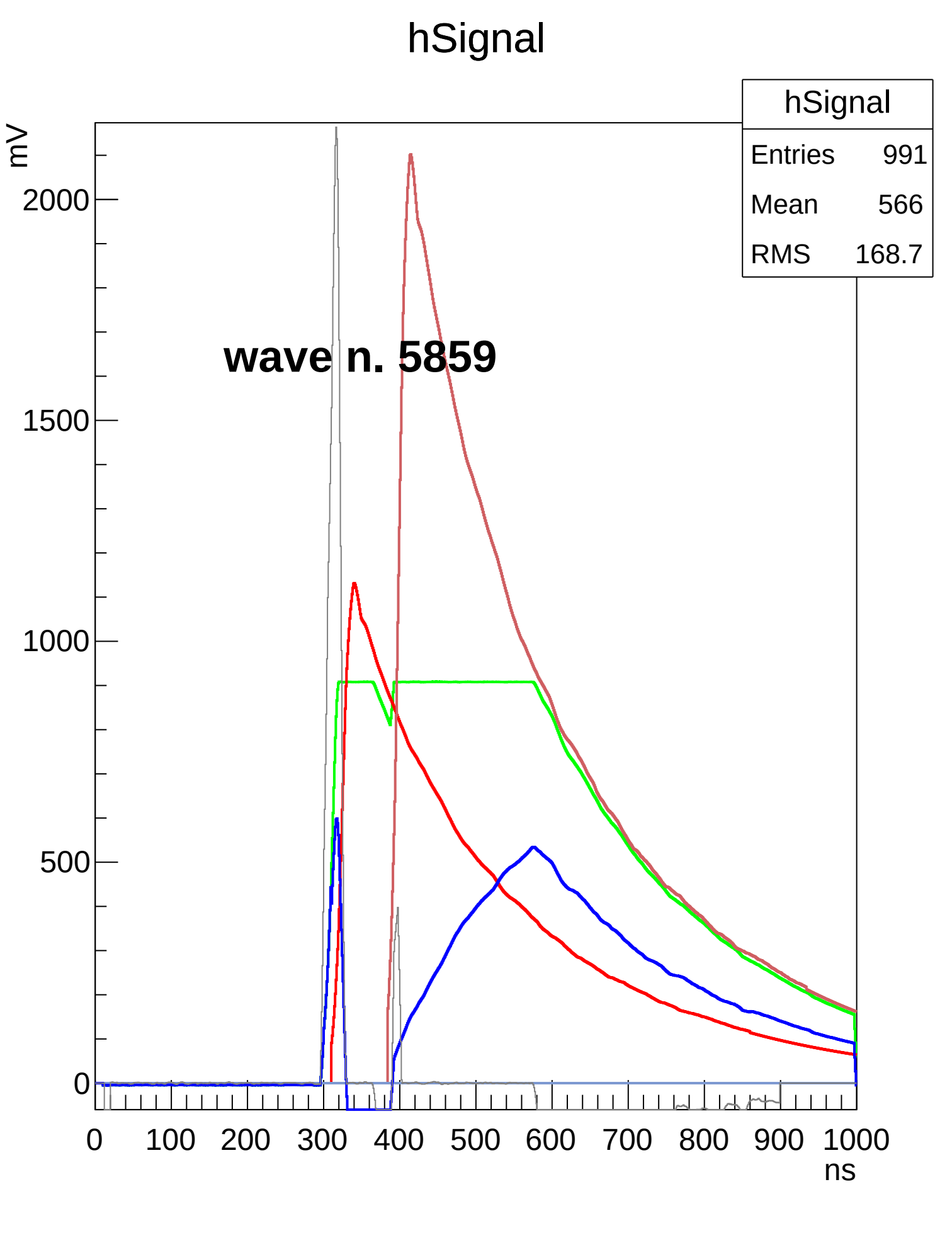
ns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hSignal
Entries 991
Mean 566
RMS 168.7
wave n. 5859
mV
2000
1500
1000
500
0
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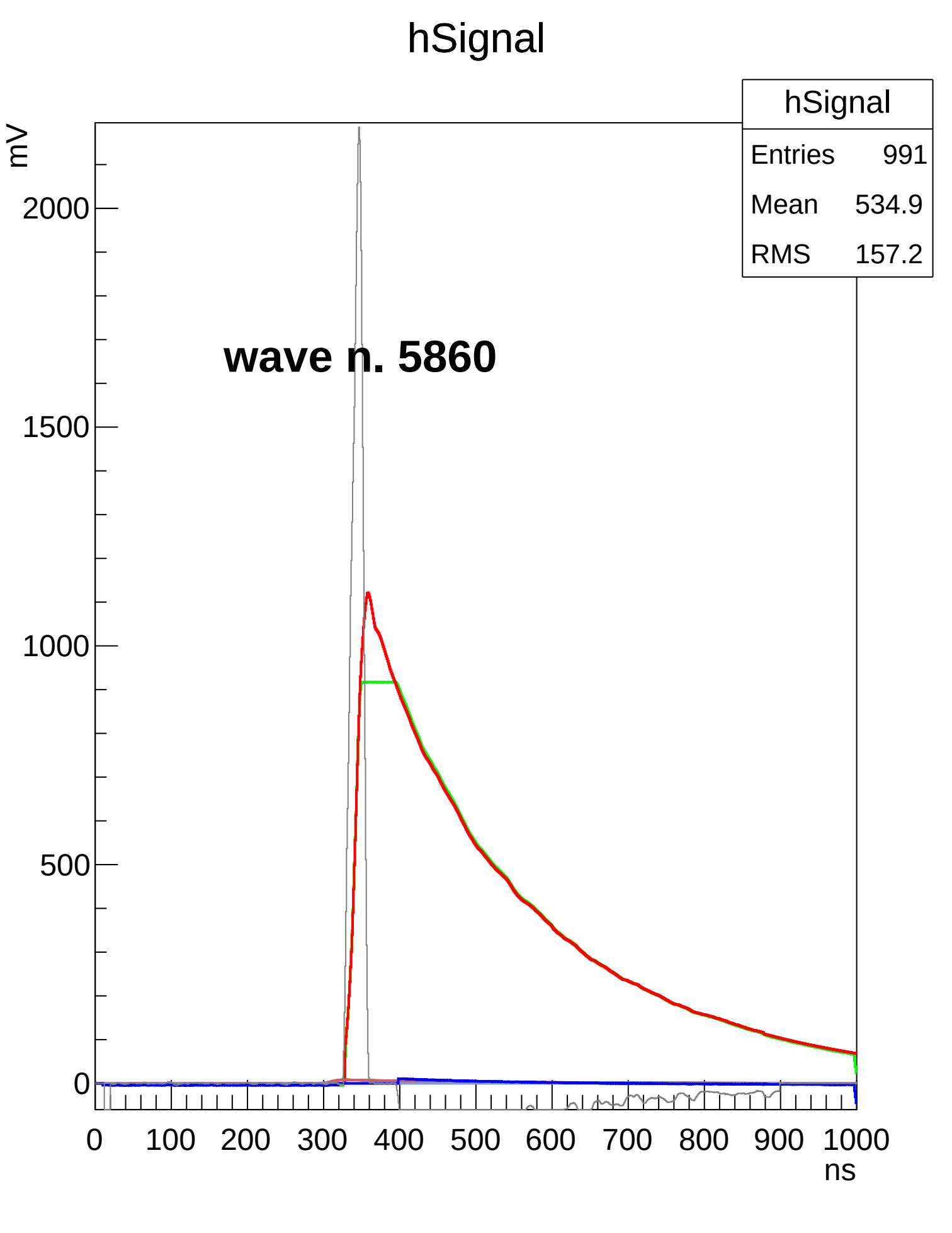
ns


hSignal
hSignal
Entries 991
Mean 534.9
RMS 157.2
wave n. 5860
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1000
500
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0
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200
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400
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600
700
800
900
1000
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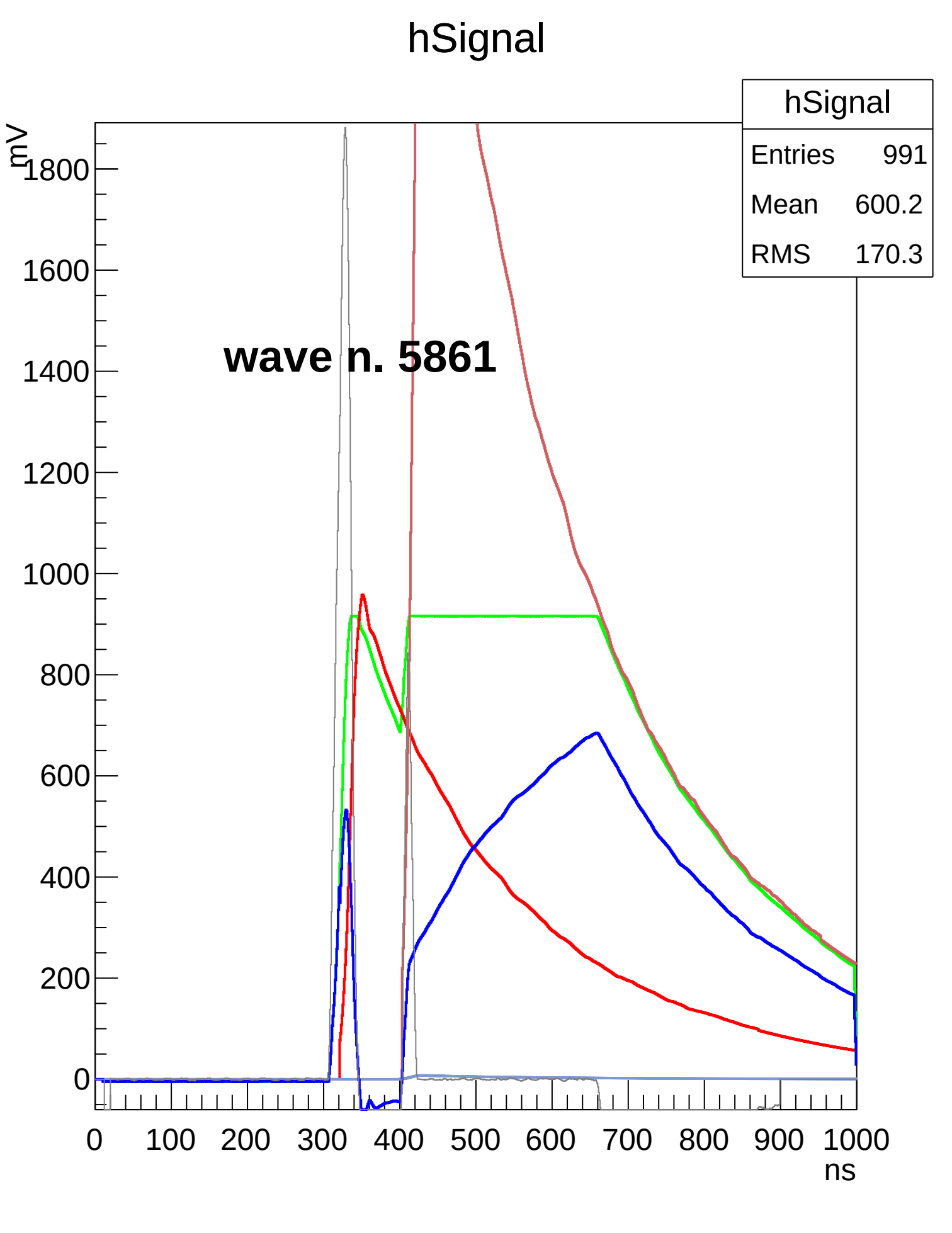
hSignal
hSignal
Entries 991
Mean 600.2
RMS 170.3
wave n. 5861
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
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200
300
400
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600
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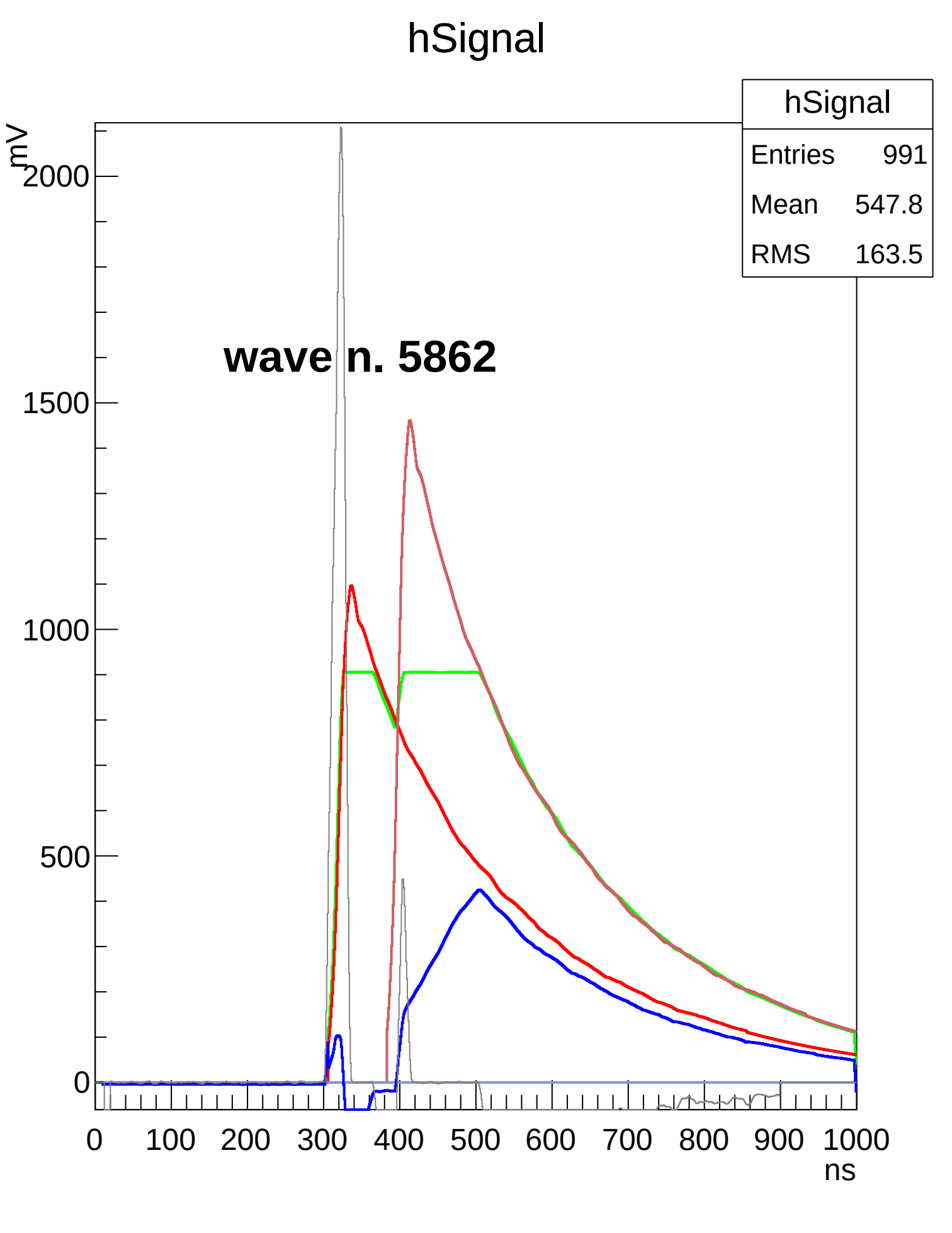
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 547.8
RMS 163.5
wave n. 5862
mV
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1500
1000
500
0
0
100
200
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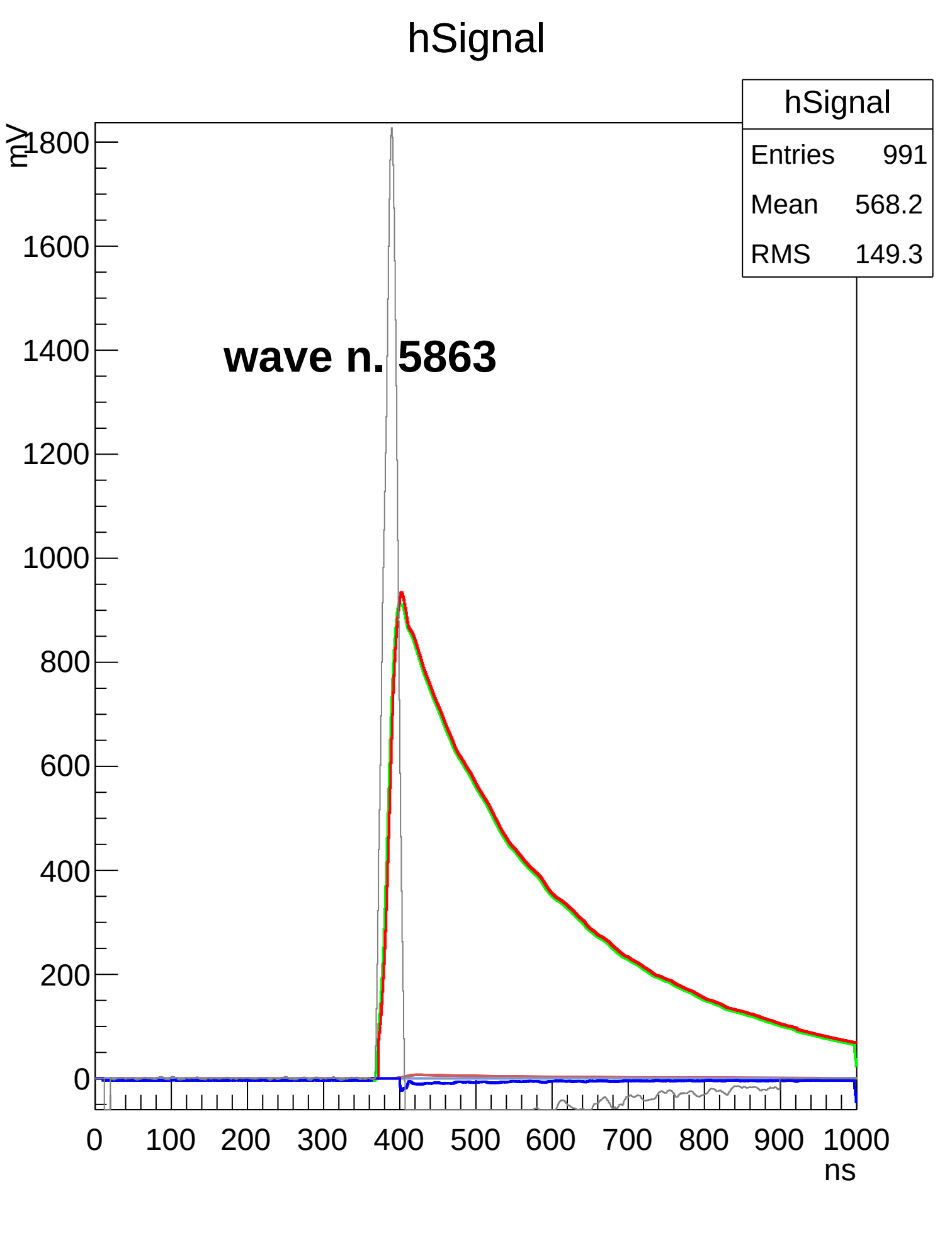
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 568.2
RMS 149.3
wave n. 5863
mV
1800
1600
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1200
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600
400
200
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0
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200
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400
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800
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1000
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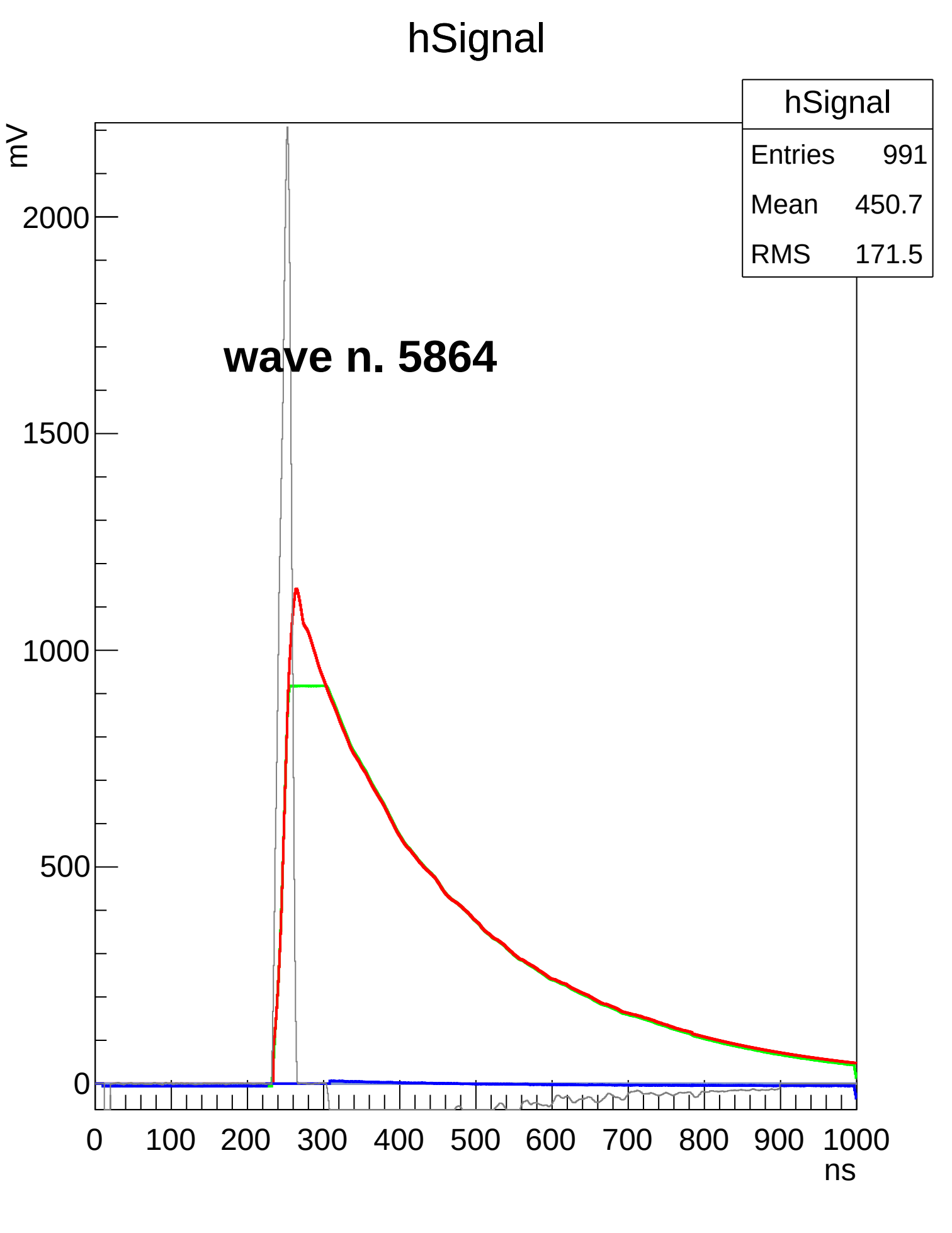
hSignal
hSignal
Entries 991
Mean 450.7
RMS 171.5
wave n. 5864
mV
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1000
500
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0
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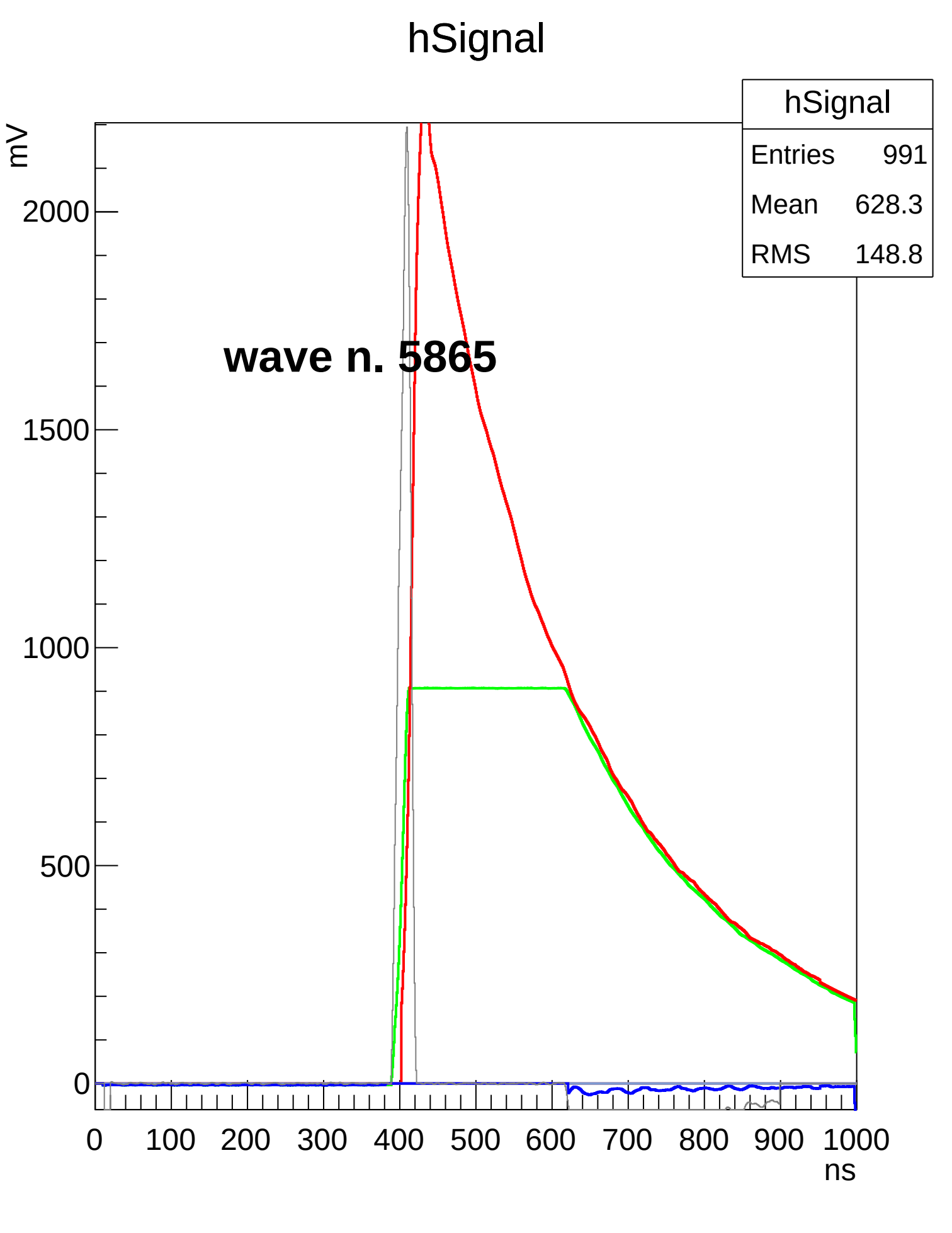
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 628.3
RMS 148.8
wave n. 5865
mV
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1500
1000
500
0
0
100
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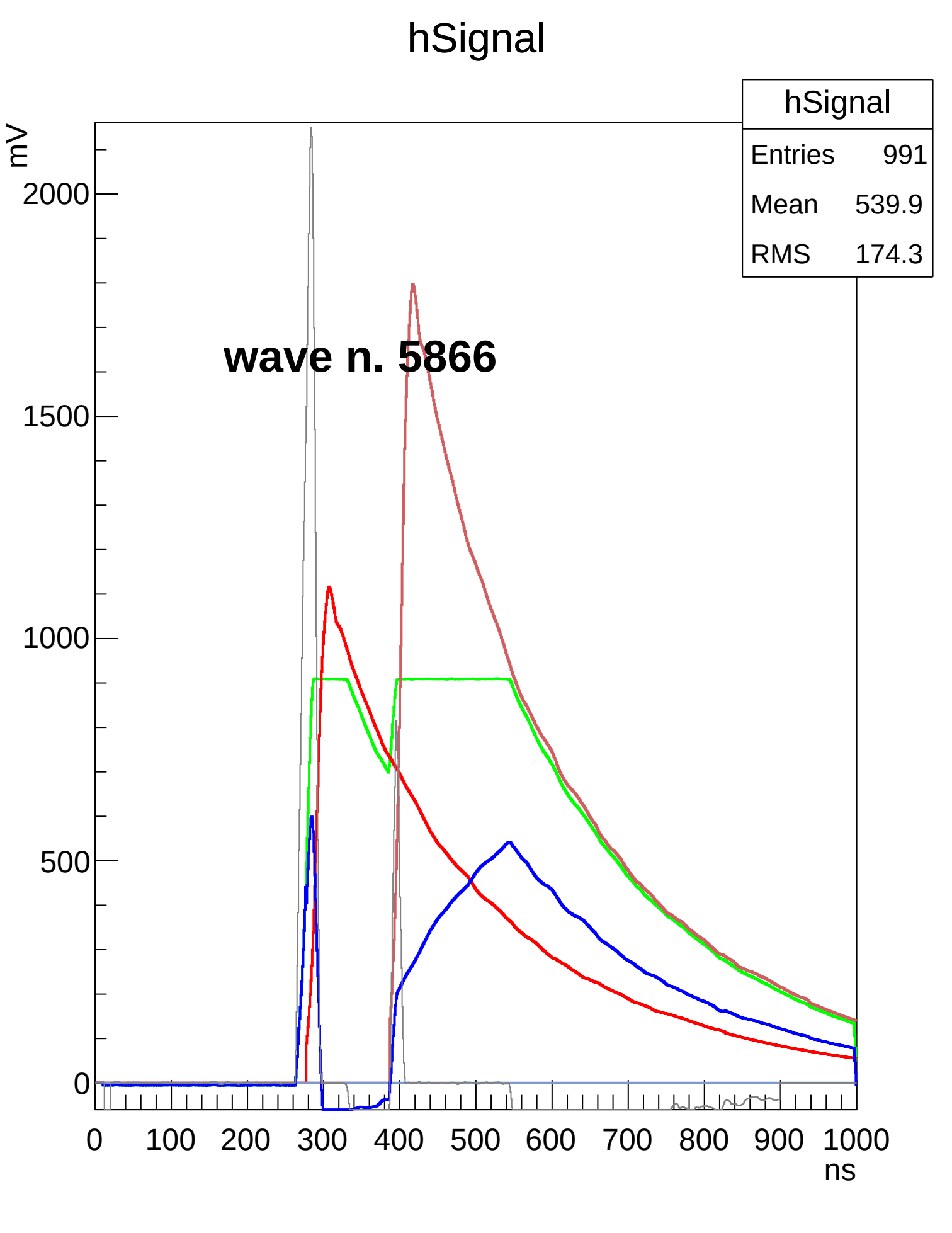
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 539.9
RMS 174.3
wave n. 5866
mV
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1500
1000
500
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0
100
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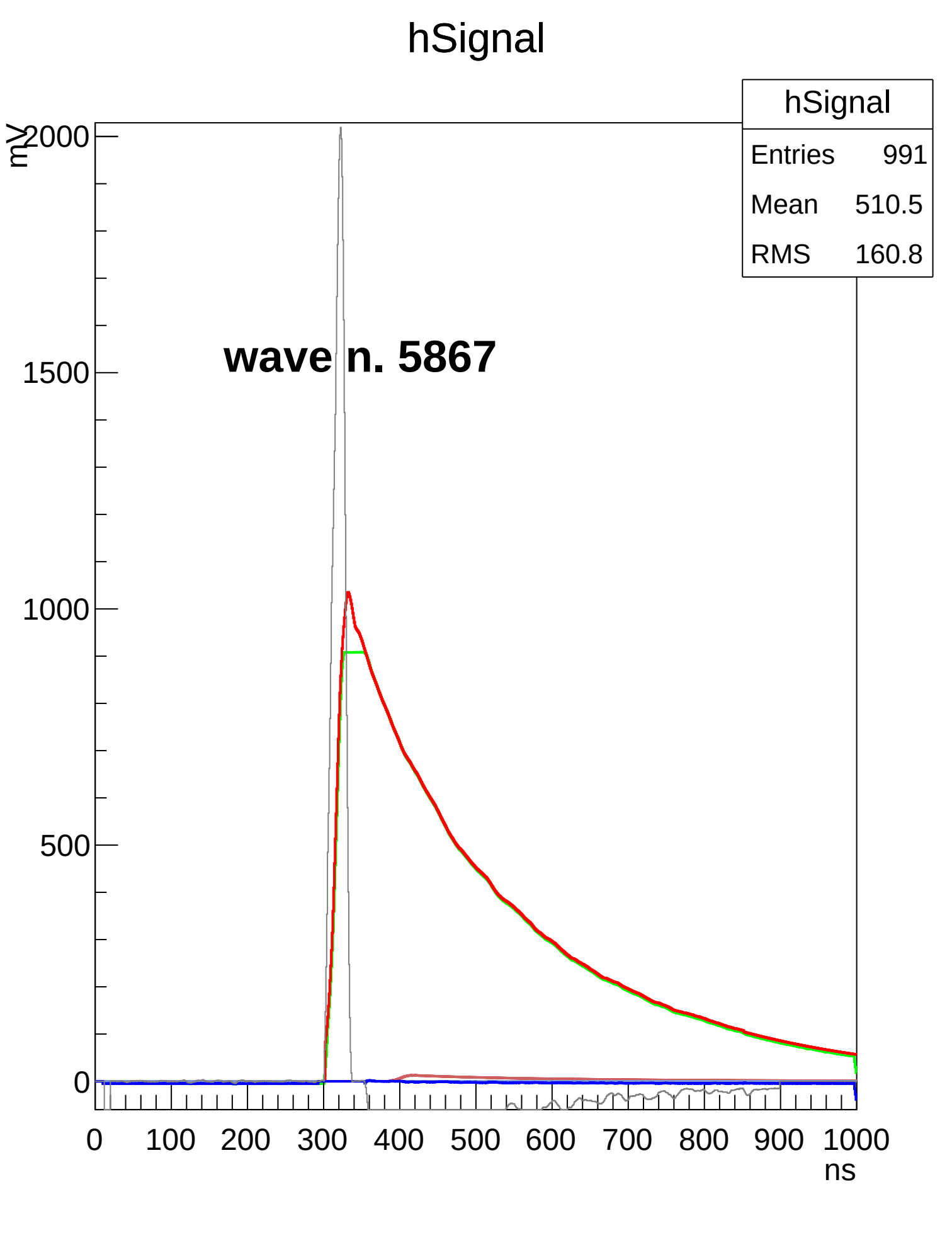
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 510.5
RMS 160.8
wave n. 5867
mV
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1500
1000
500
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0
100
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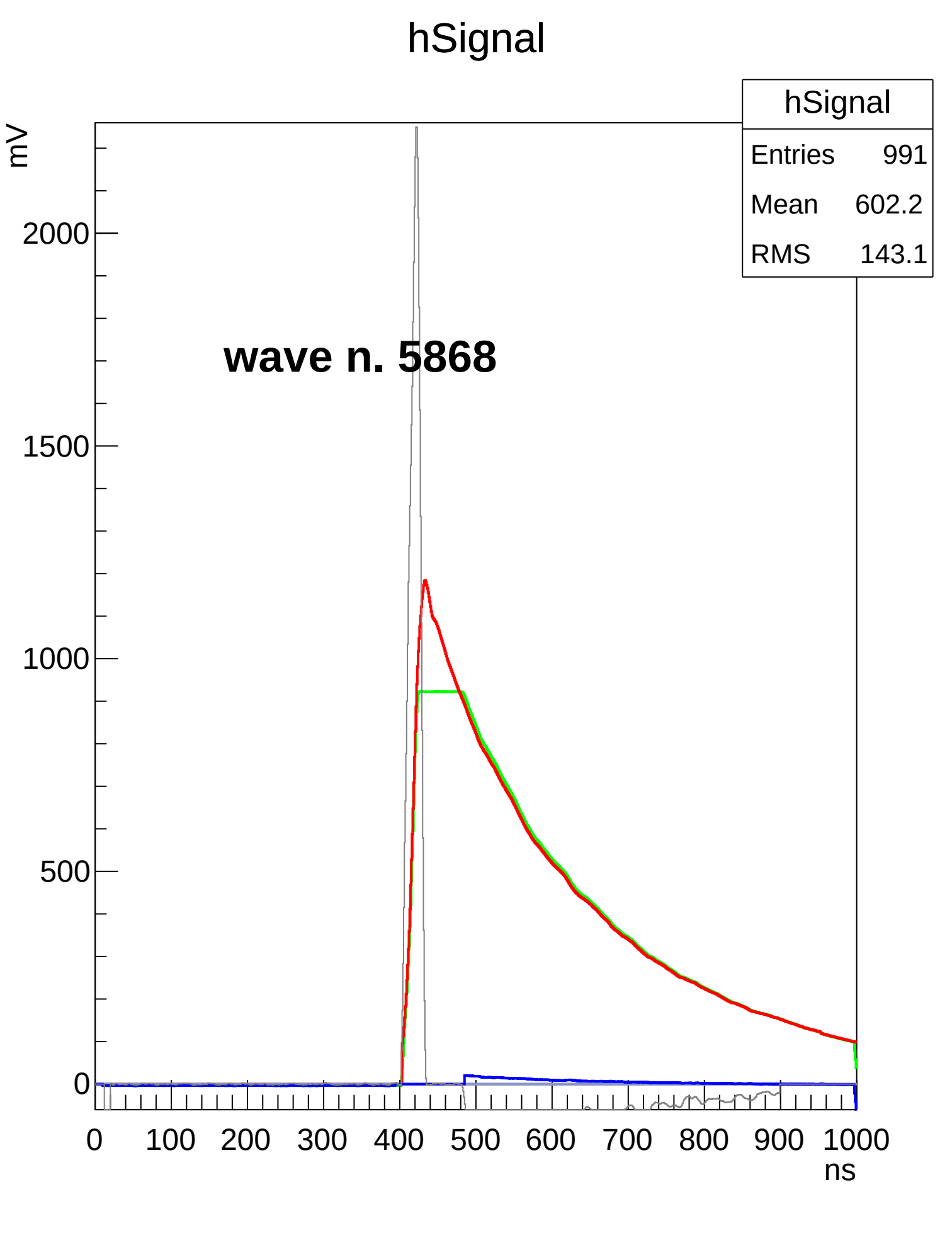
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 602.2
RMS 143.1
wave n. 5868
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1000
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0
0
100
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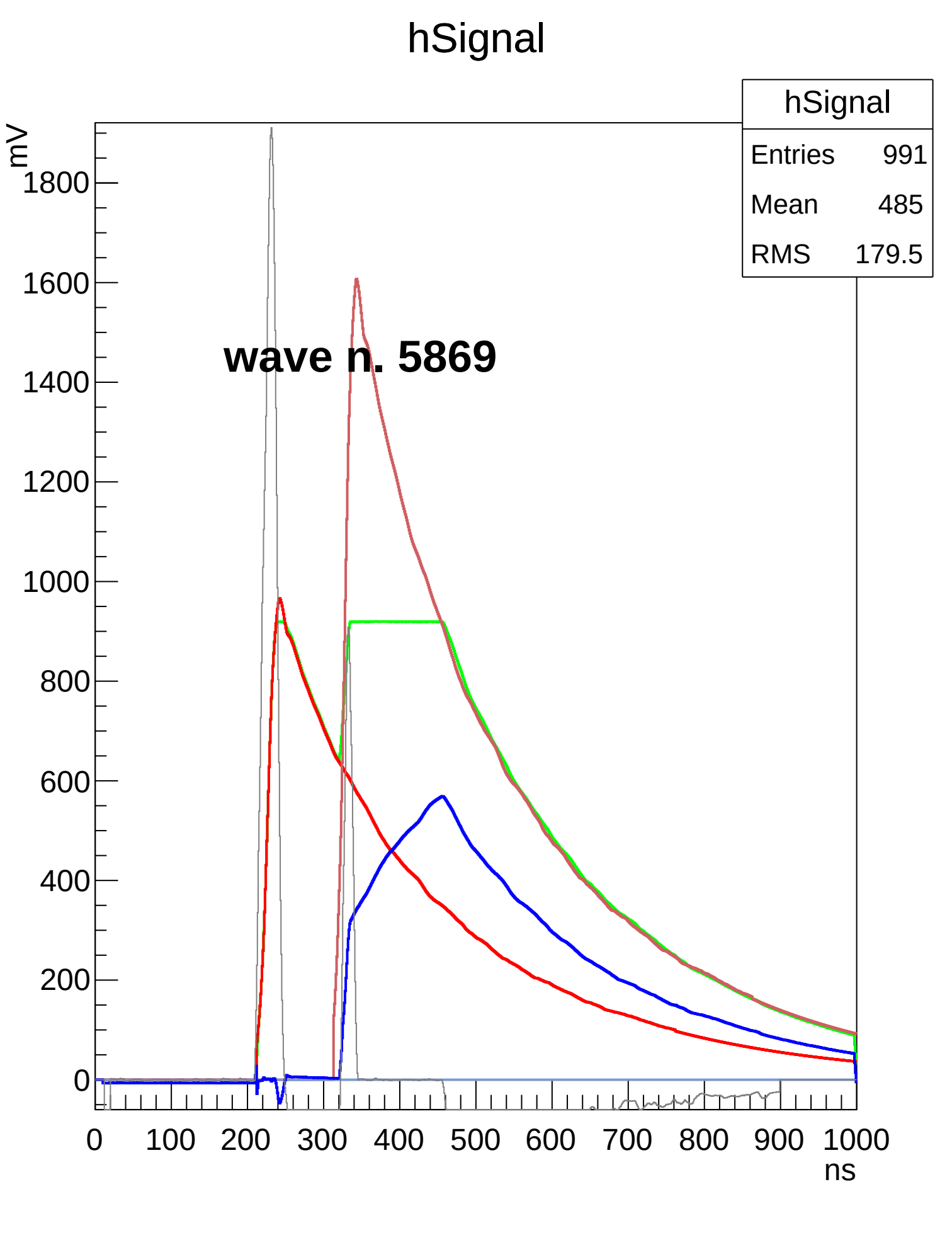
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 485
RMS 179.5
wave n. 5869
mV
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1600
1400
1200
1000
800
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400
200
0
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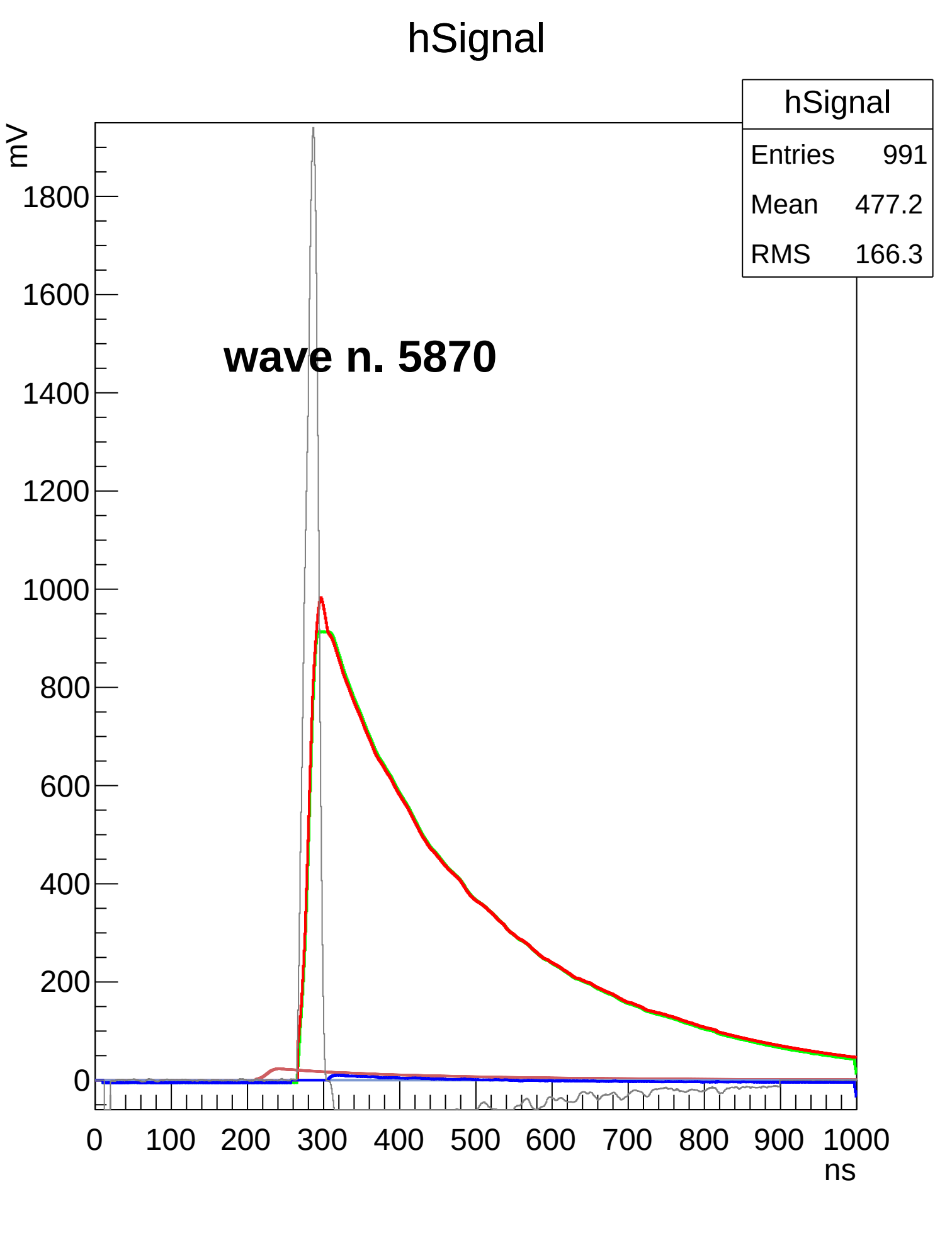
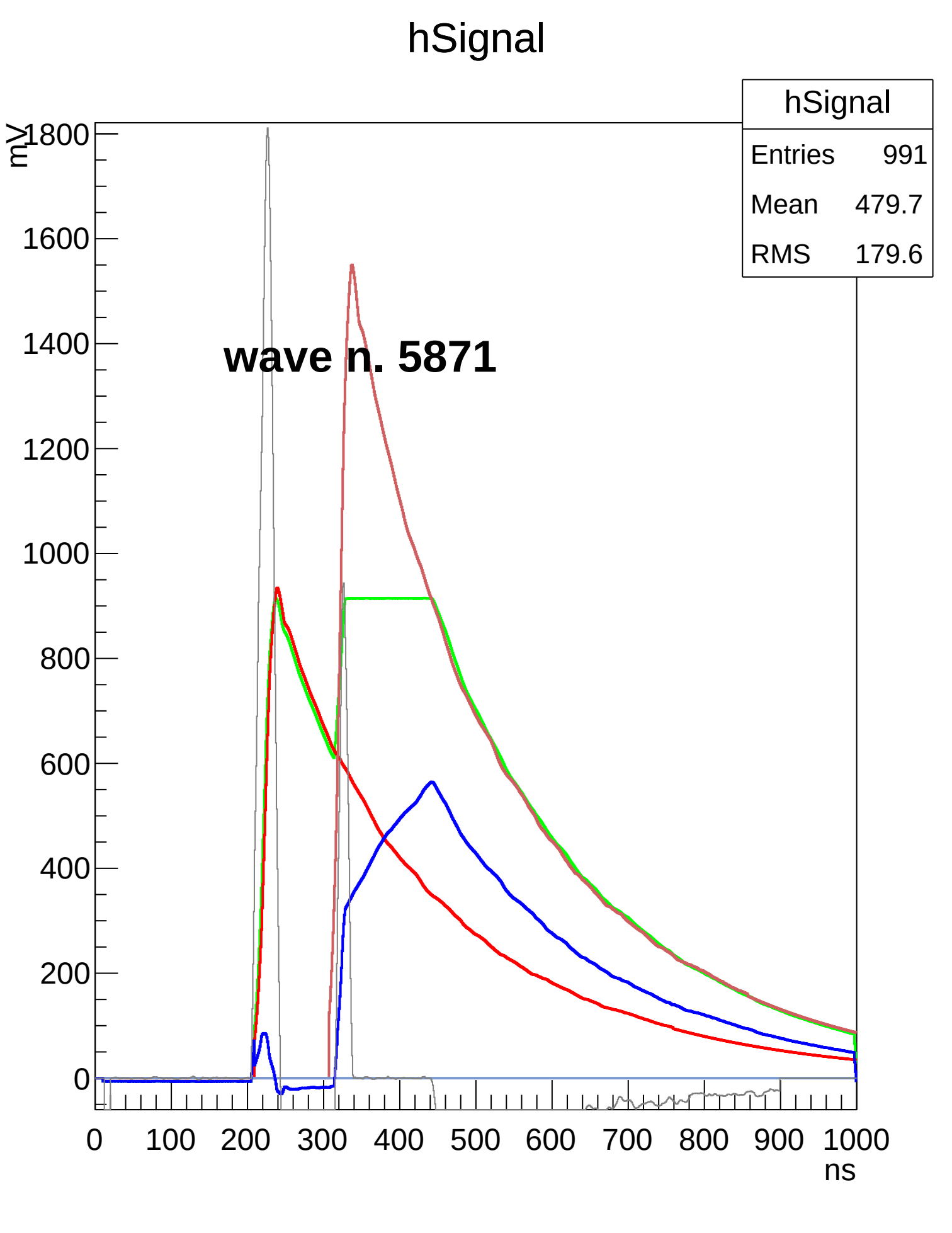
ns


hSignal
hSignal
Entries 991
Mean 477.2
RMS 166.3
wave n. 5870
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 479.7
RMS 179.6
wave n. 5871
mV
1800
1600
1400
1200
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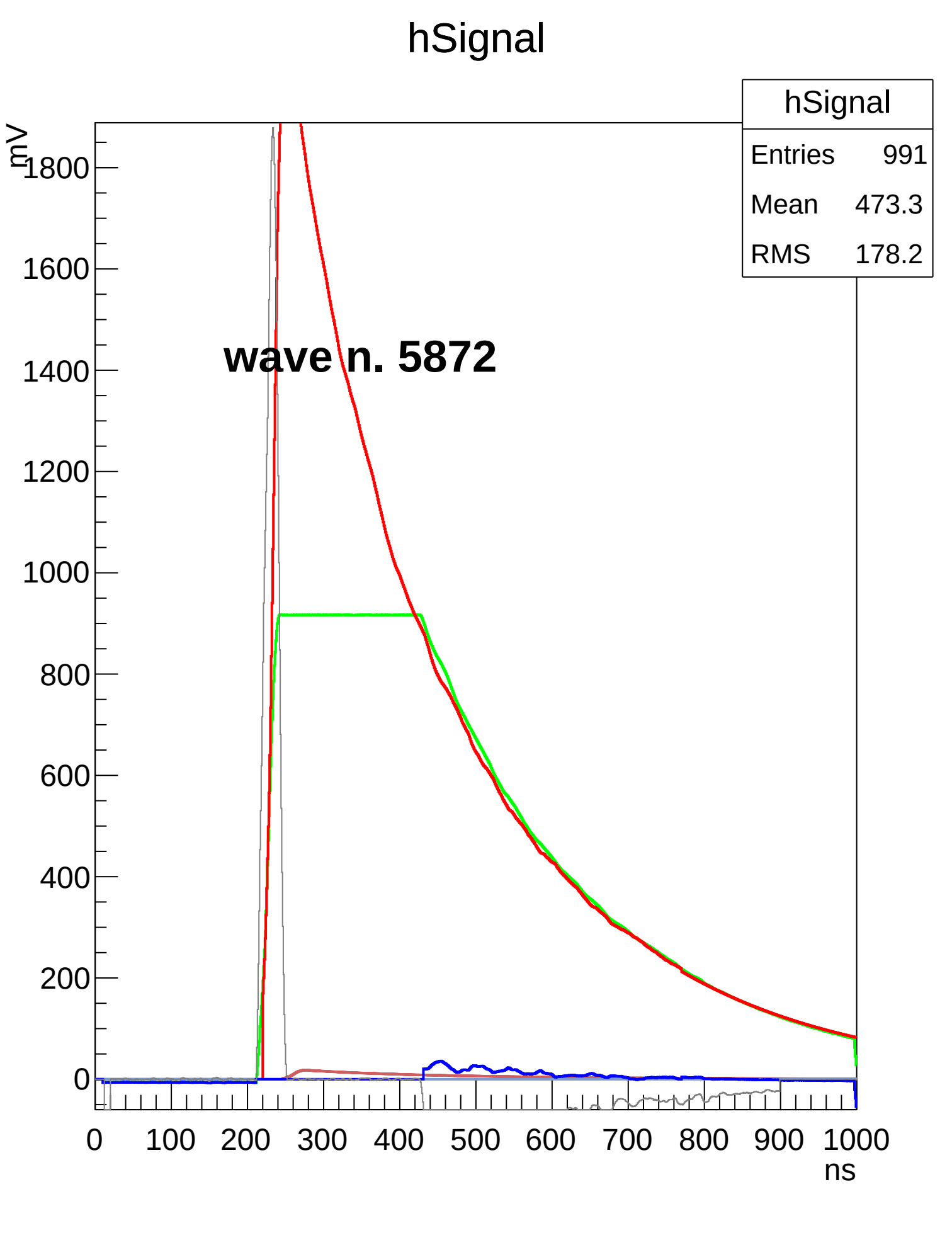
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 473.3
RMS 178.2
wave n. 5872
mV
1800
1600
1400
1200
1000
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200
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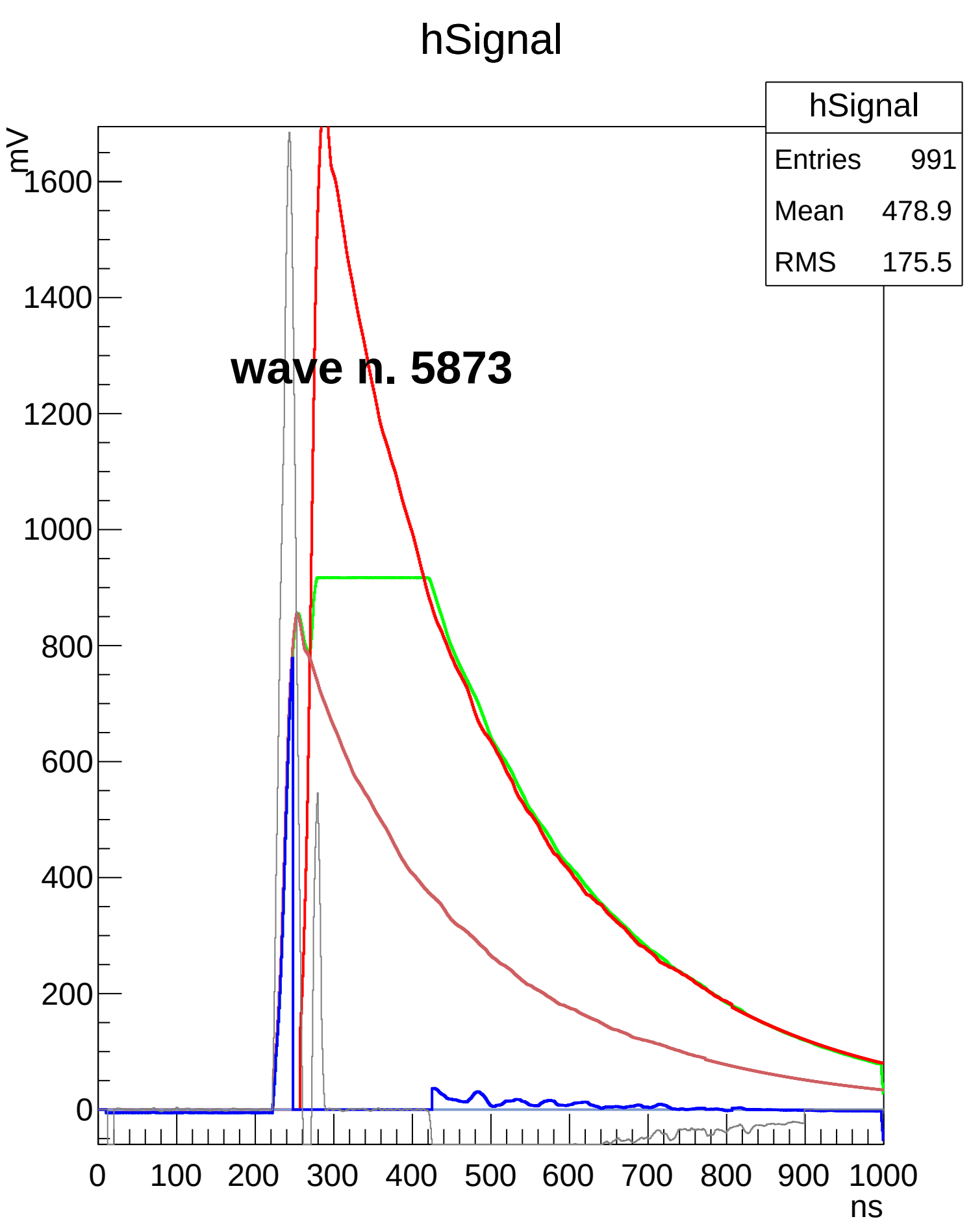
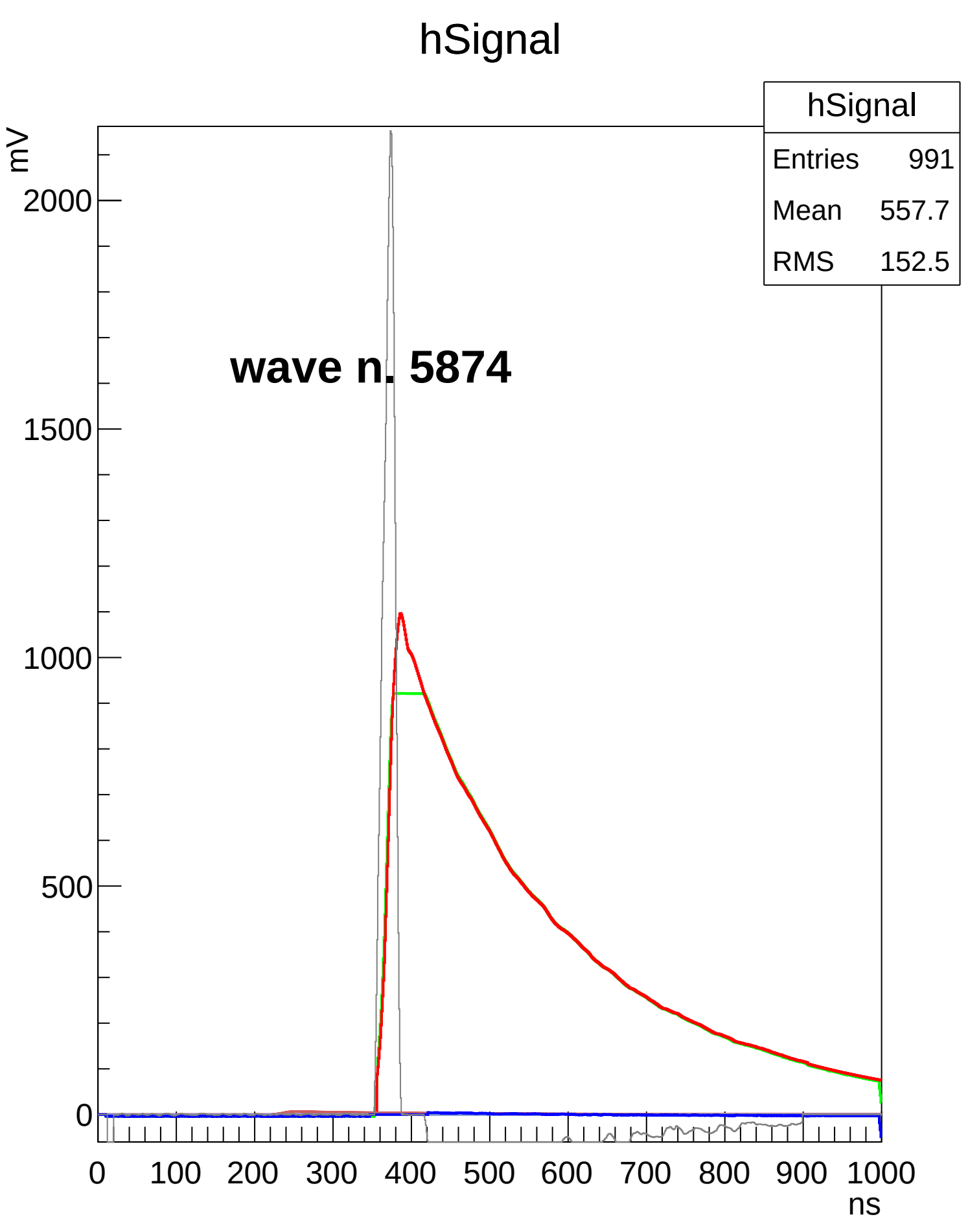
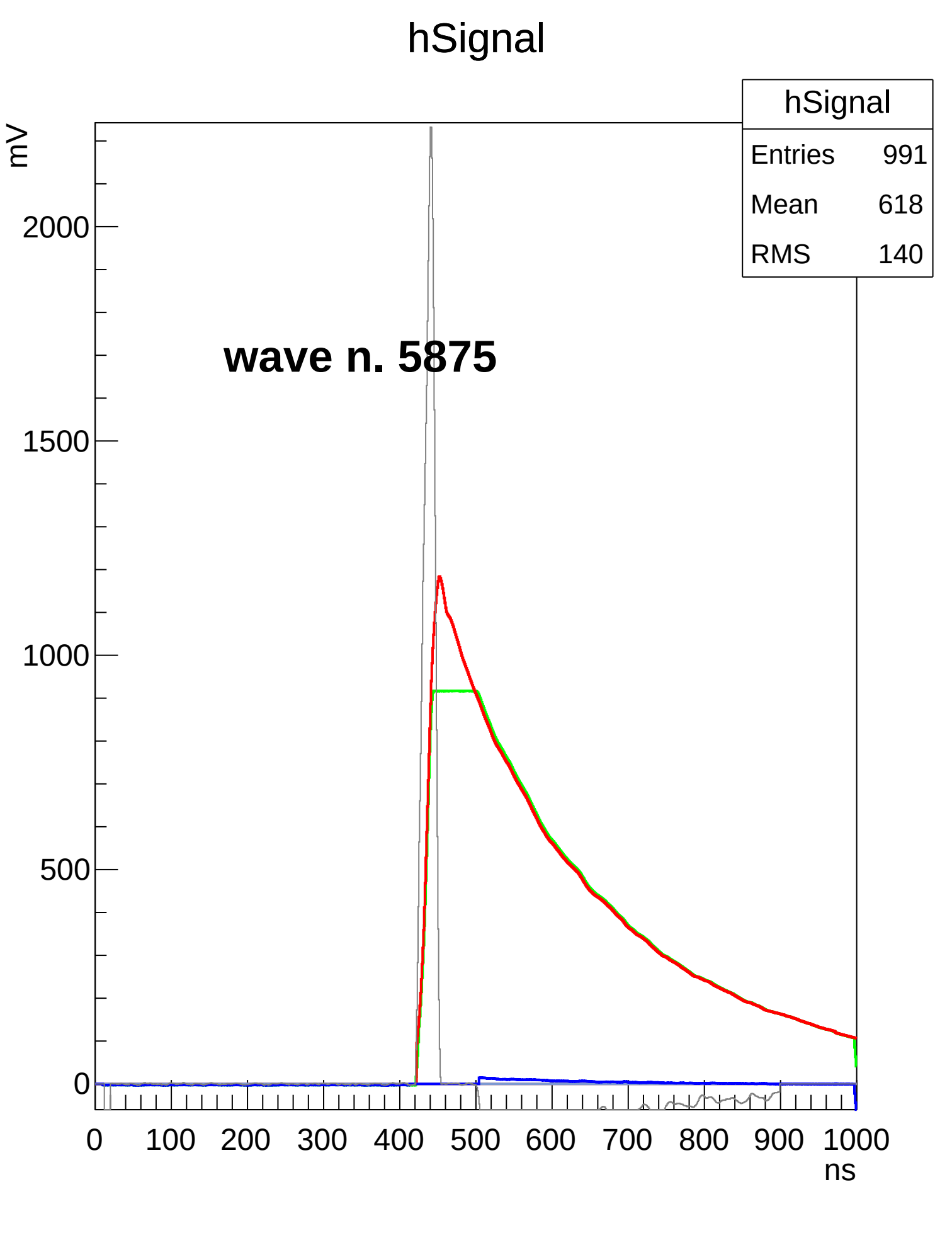
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 478.9
RMS 175.5
wave n. 5873
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 557.7
RMS 152.5
wave n. 5874
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns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hSignal
Entries 991
Mean 618
RMS 140
wave n. 5875
mV
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1500
1000
500
0
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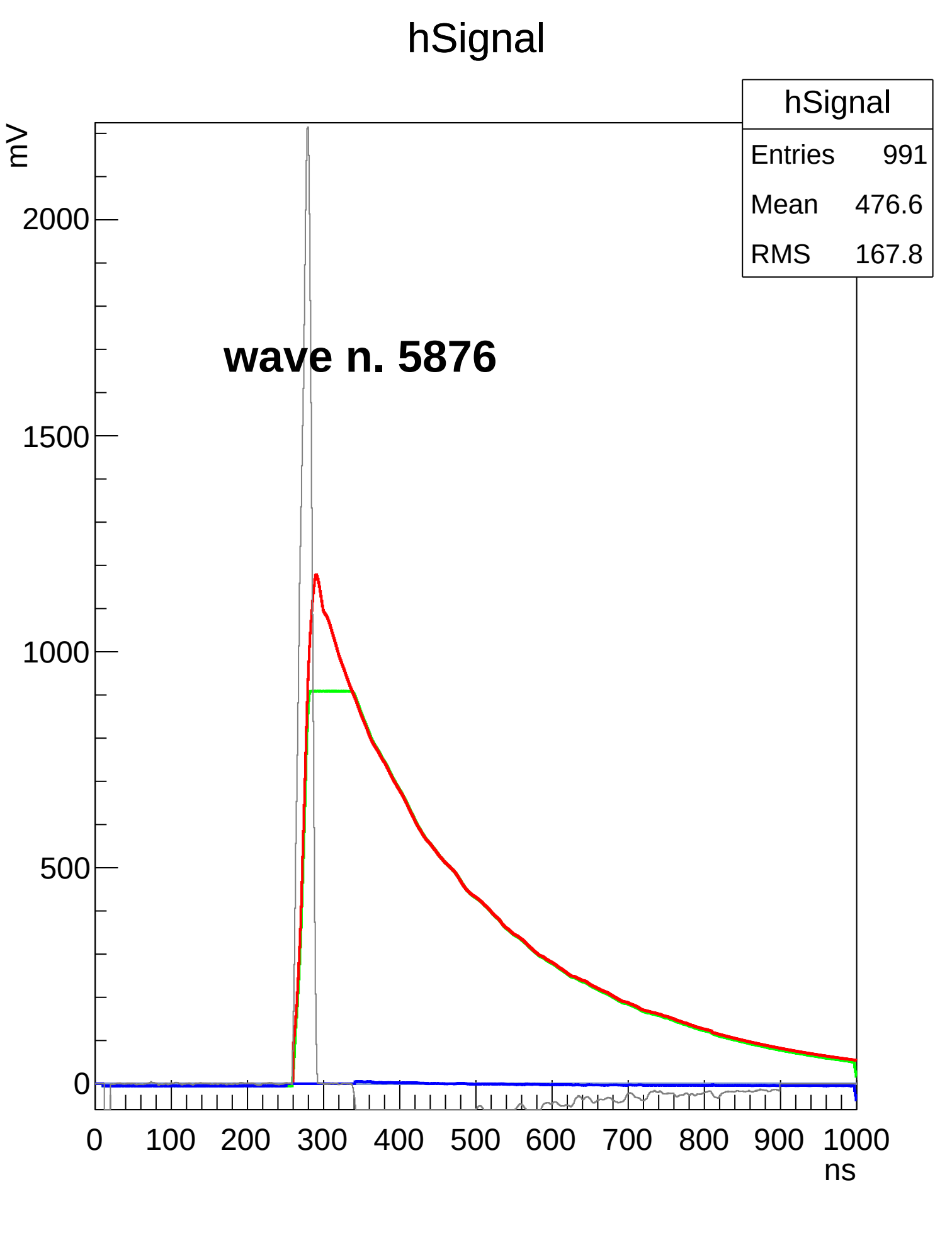
ns


hSignal
hSignal
Entries 991
Mean 476.6
RMS 167.8
wave n. 5876
mV
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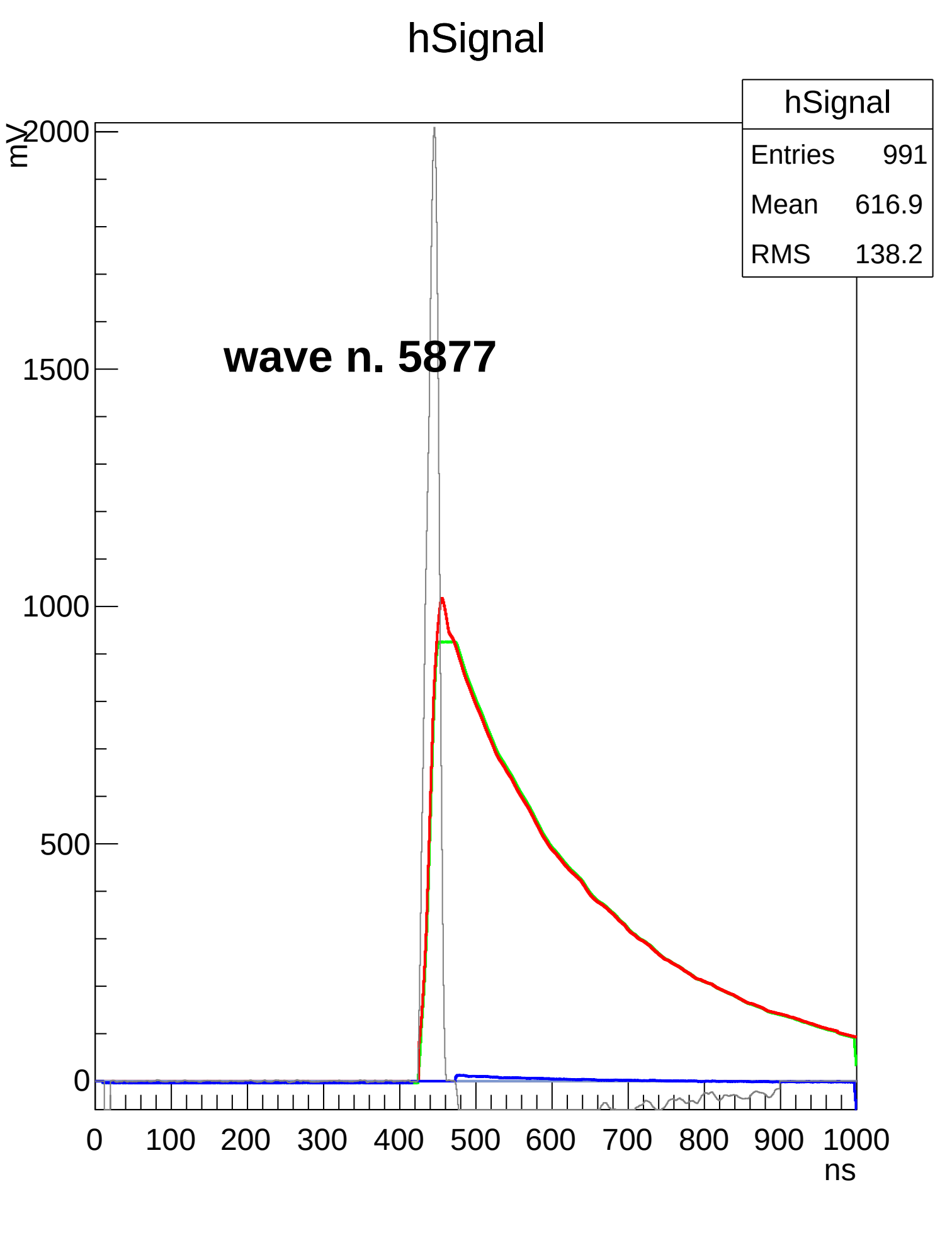
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 616.9
RMS 138.2
wave n. 5877
mV
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1500
1000
500
0
0
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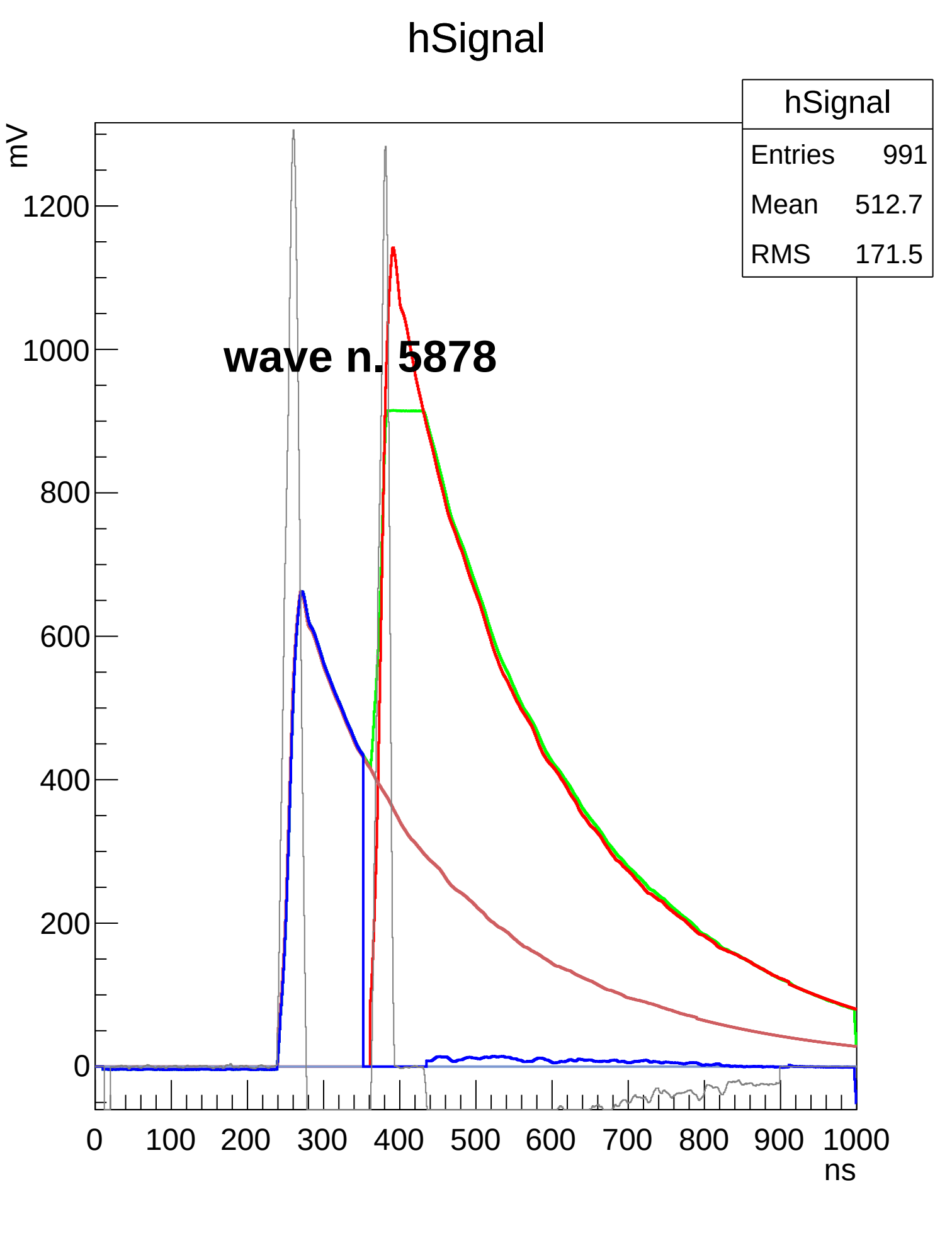
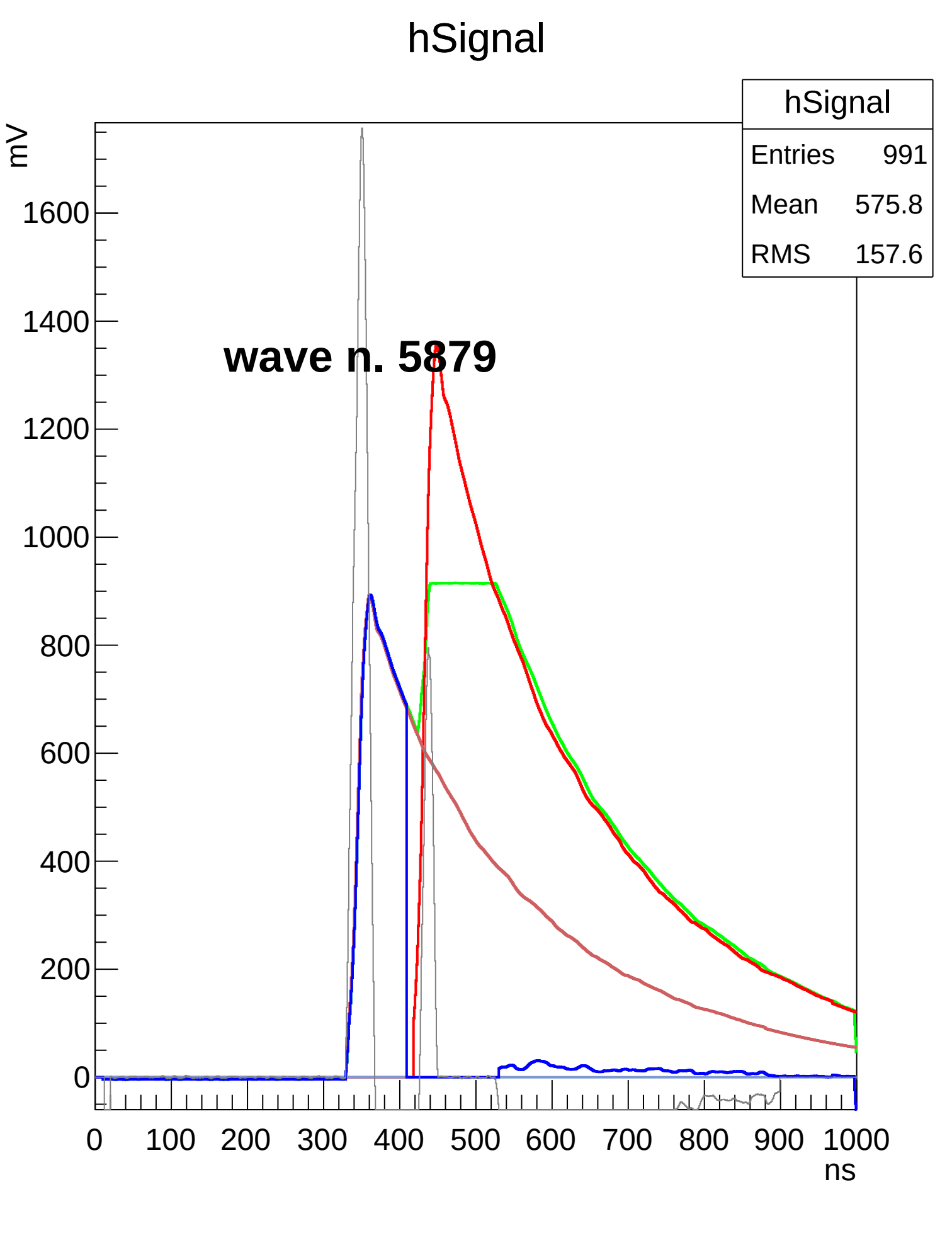
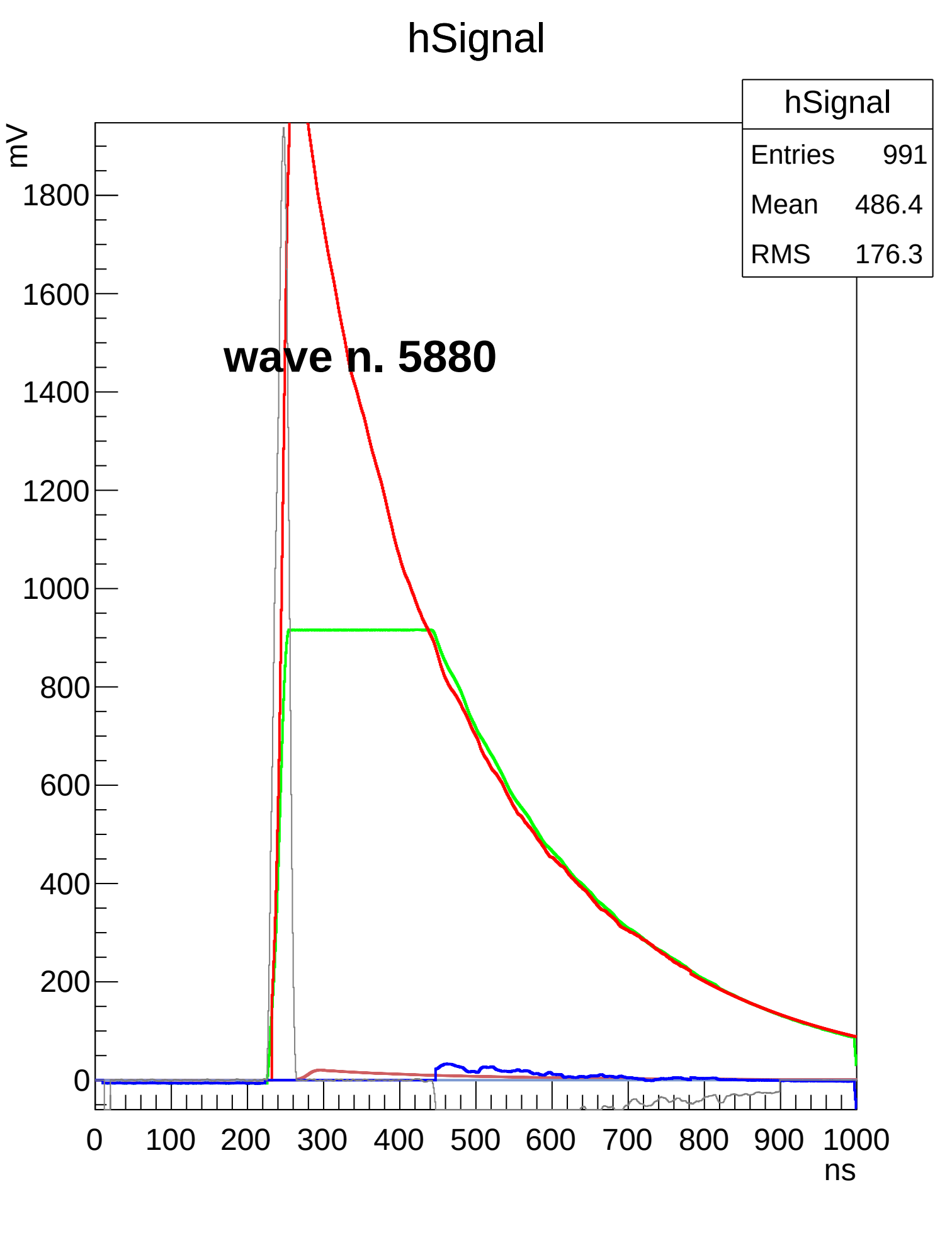
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 512.7
RMS 171.5
wave n. 5878
mV
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 575.8
RMS 157.6
wave n. 5879
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 486.4
RMS 176.3
wave n. 5880
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
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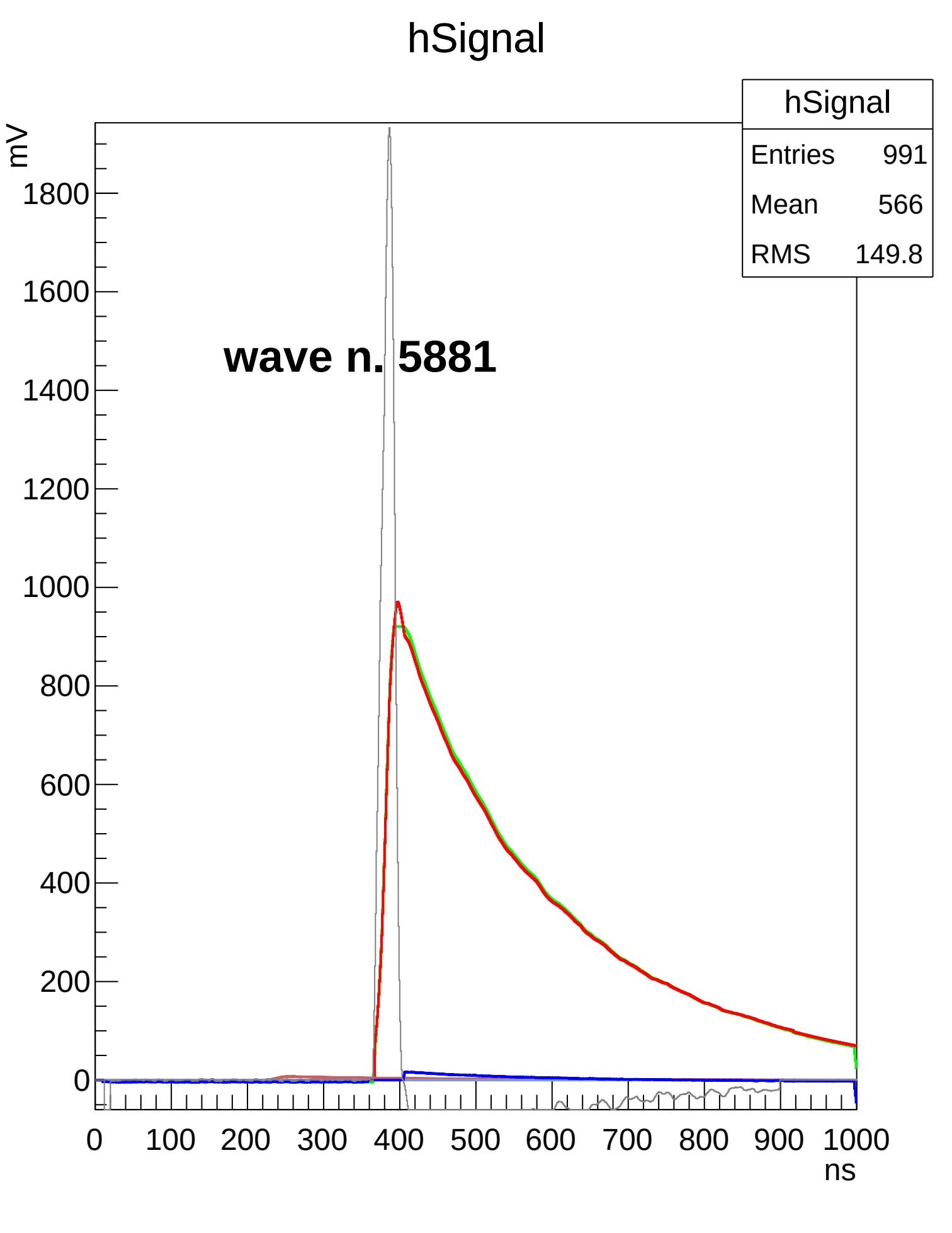
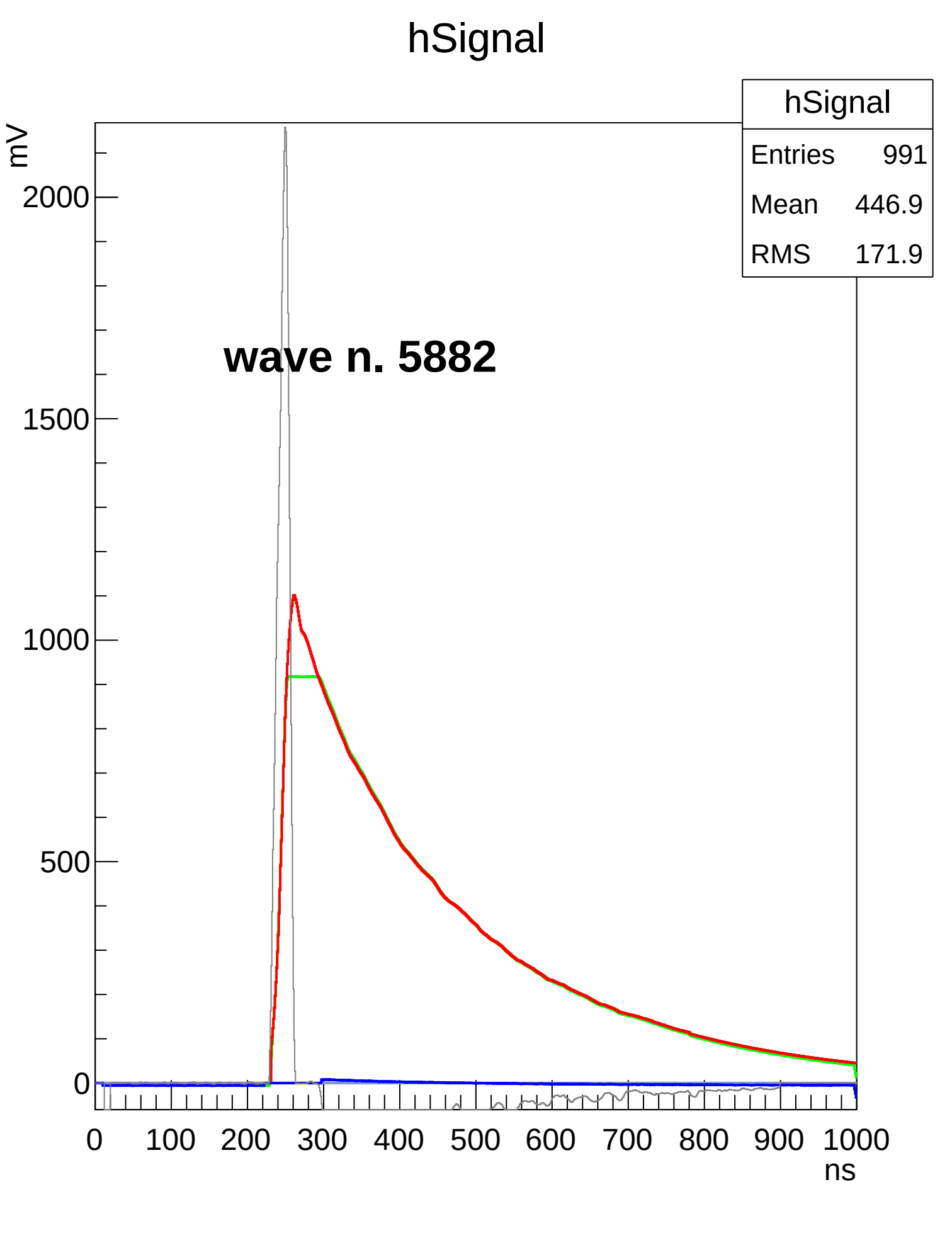
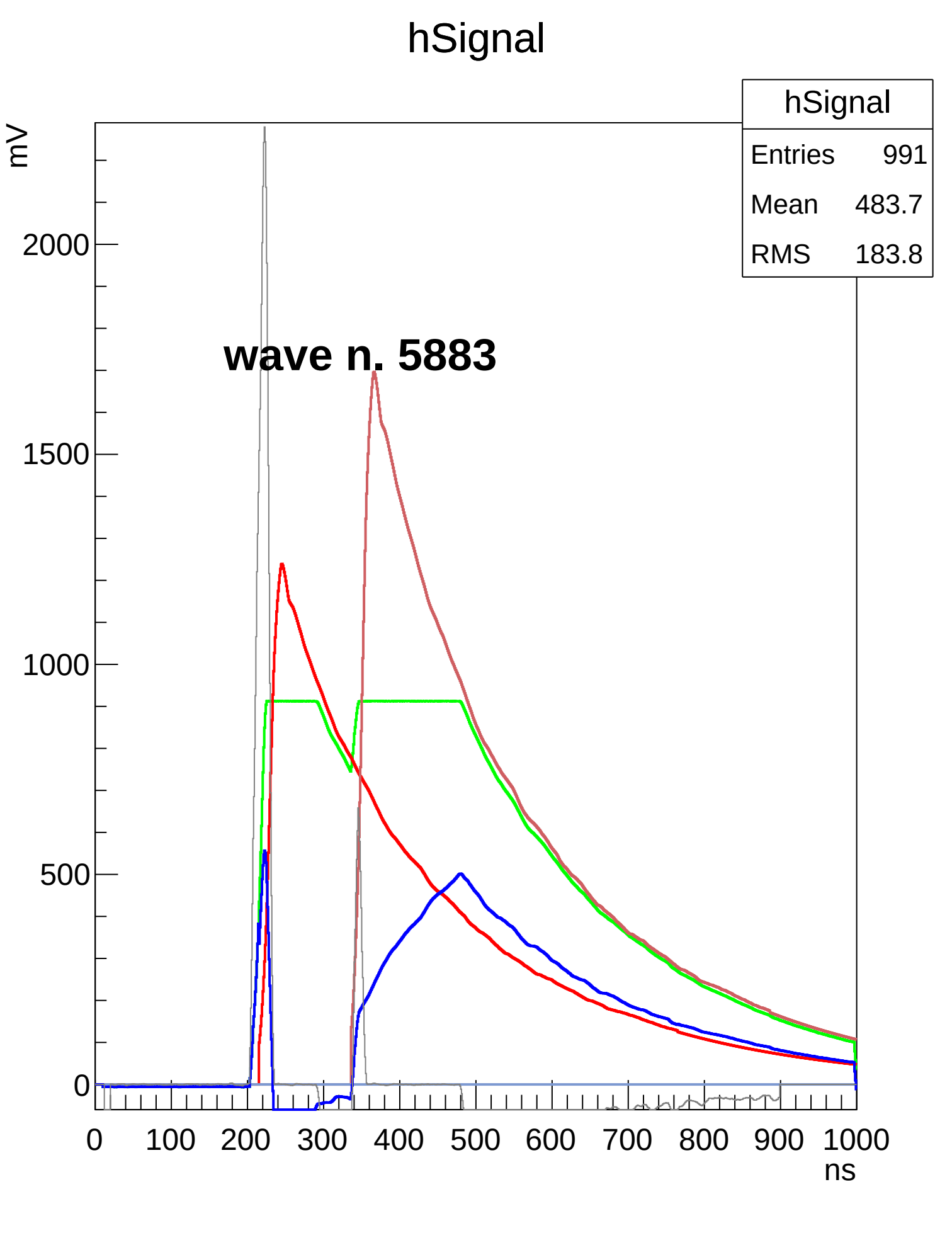
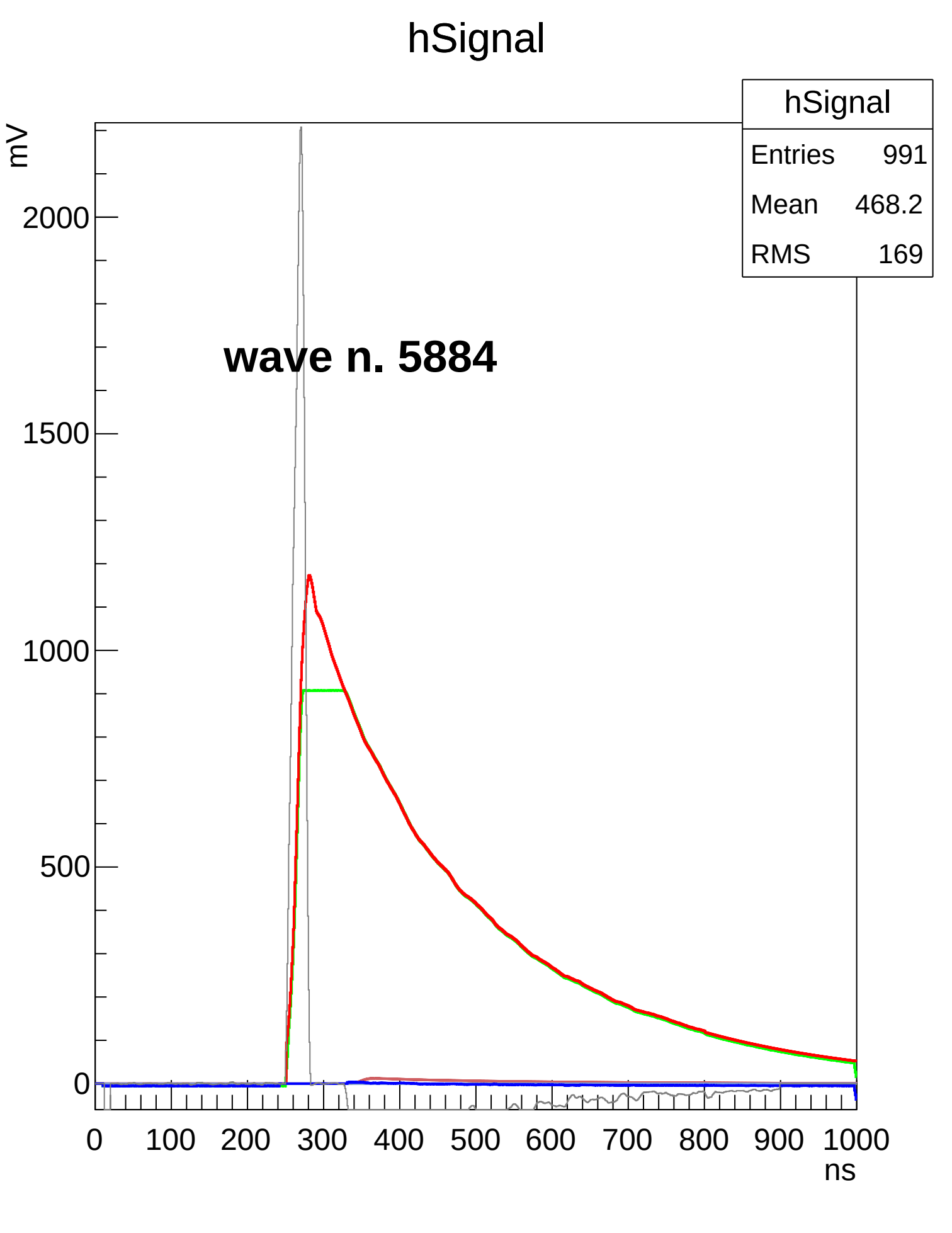
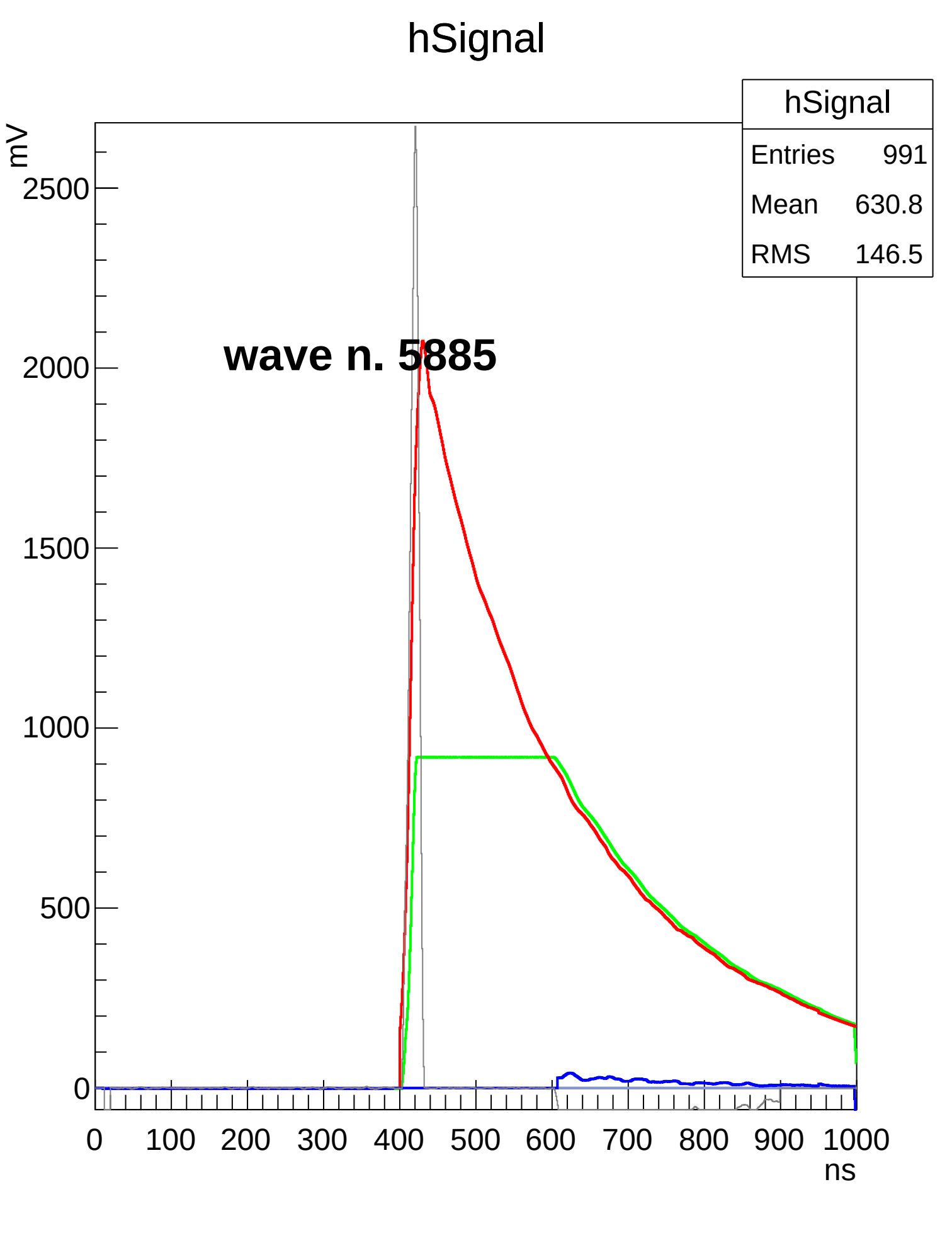
200
300
400
500
600
700
800
900
1000
ns

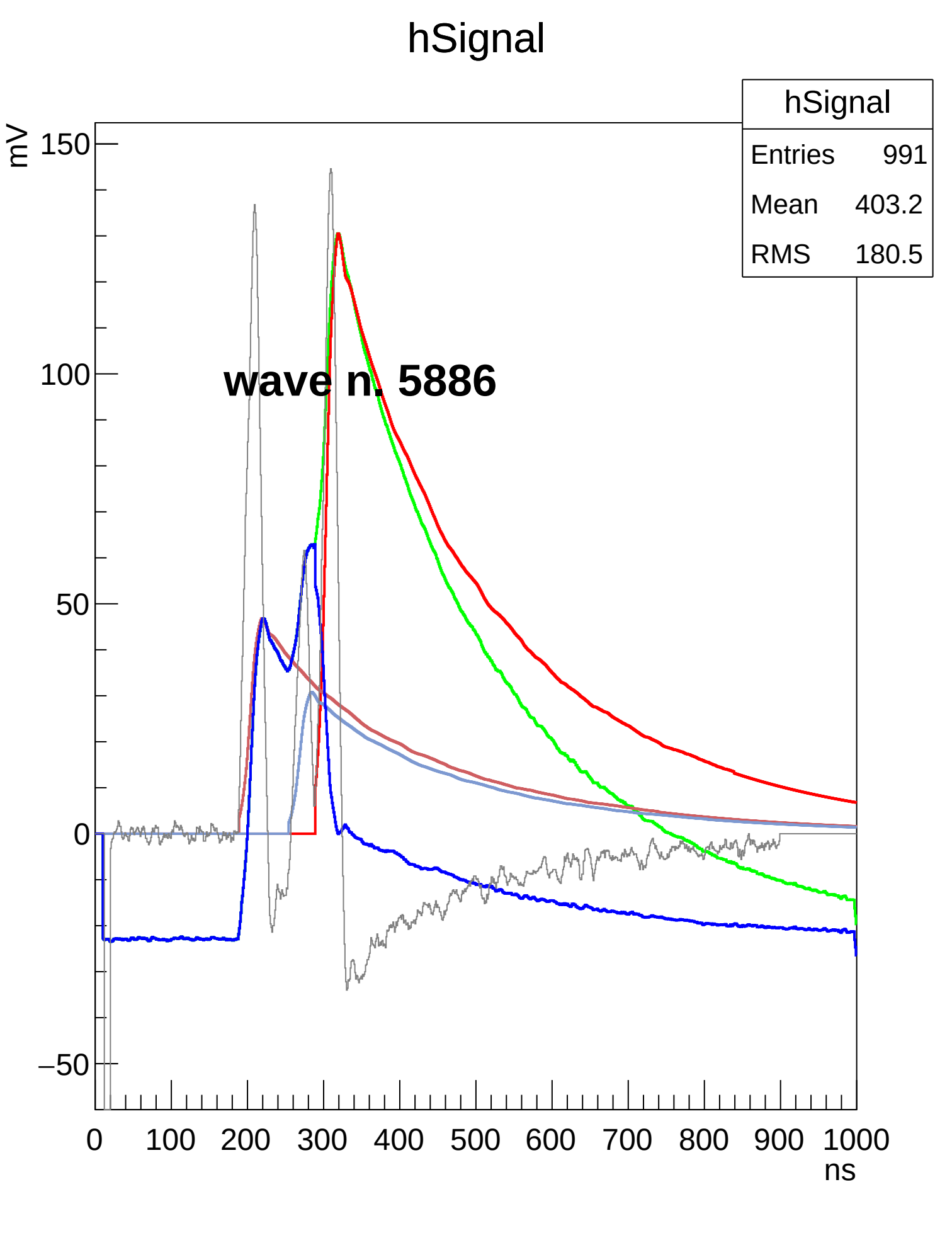

hSignal
hSignal
Entries 991
Mean 566
RMS 149.8
wave n. 5881
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns

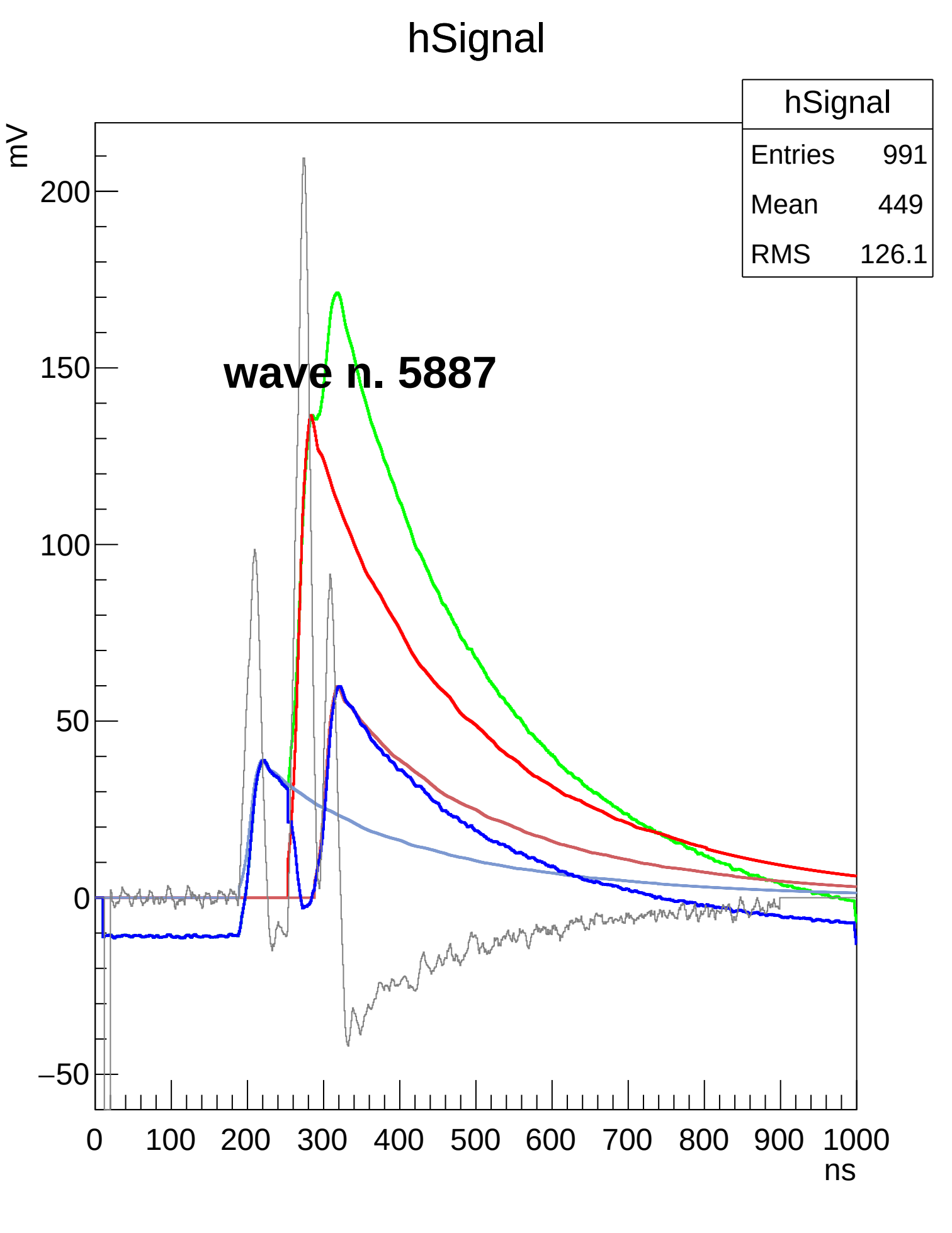

hSignal
hSignal
Entries 991
Mean 446.9
RMS 171.9
wave n. 5882
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

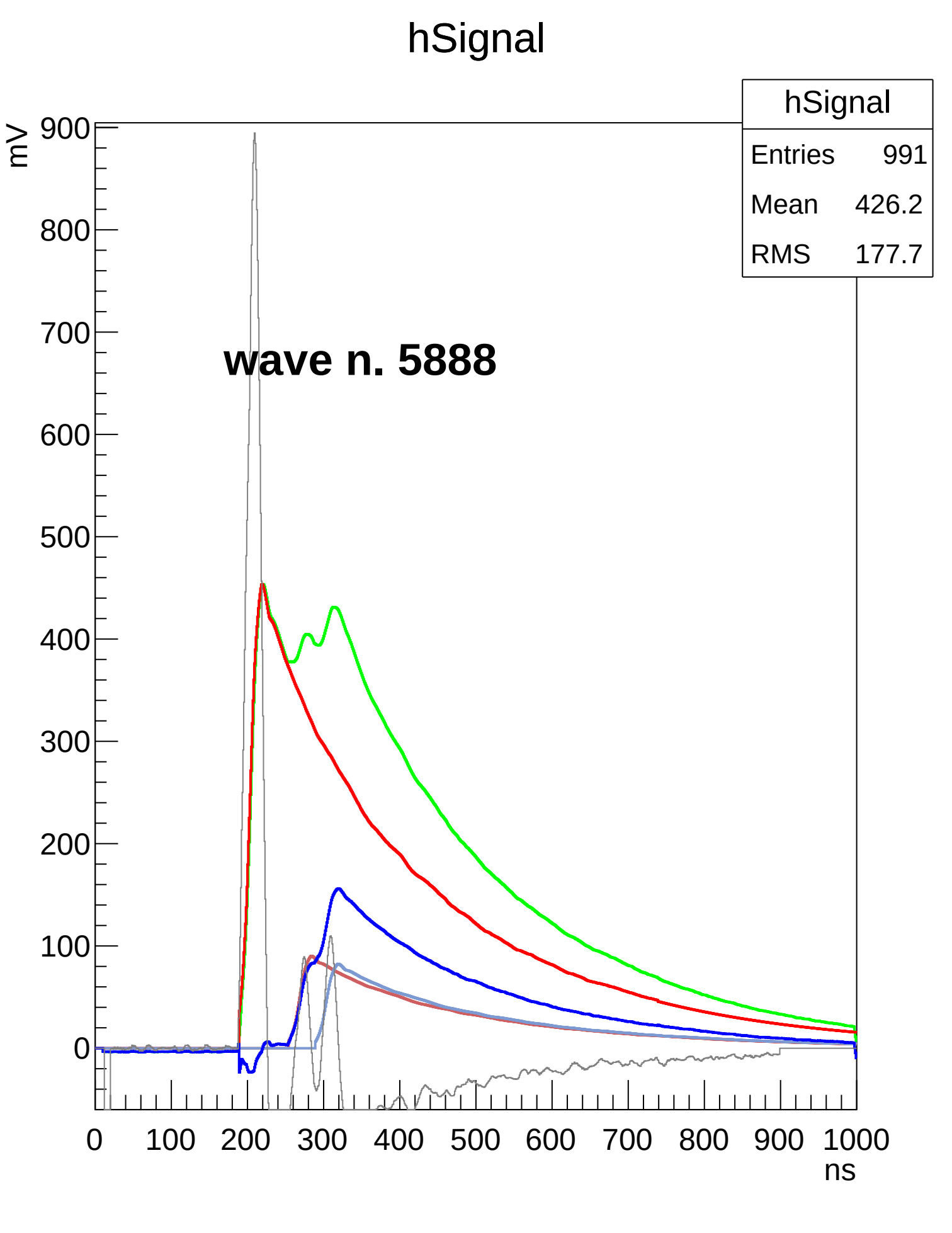

hSignal
hSignal
Entries 991
Mean 483.7
RMS 183.8
wave n. 5883
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

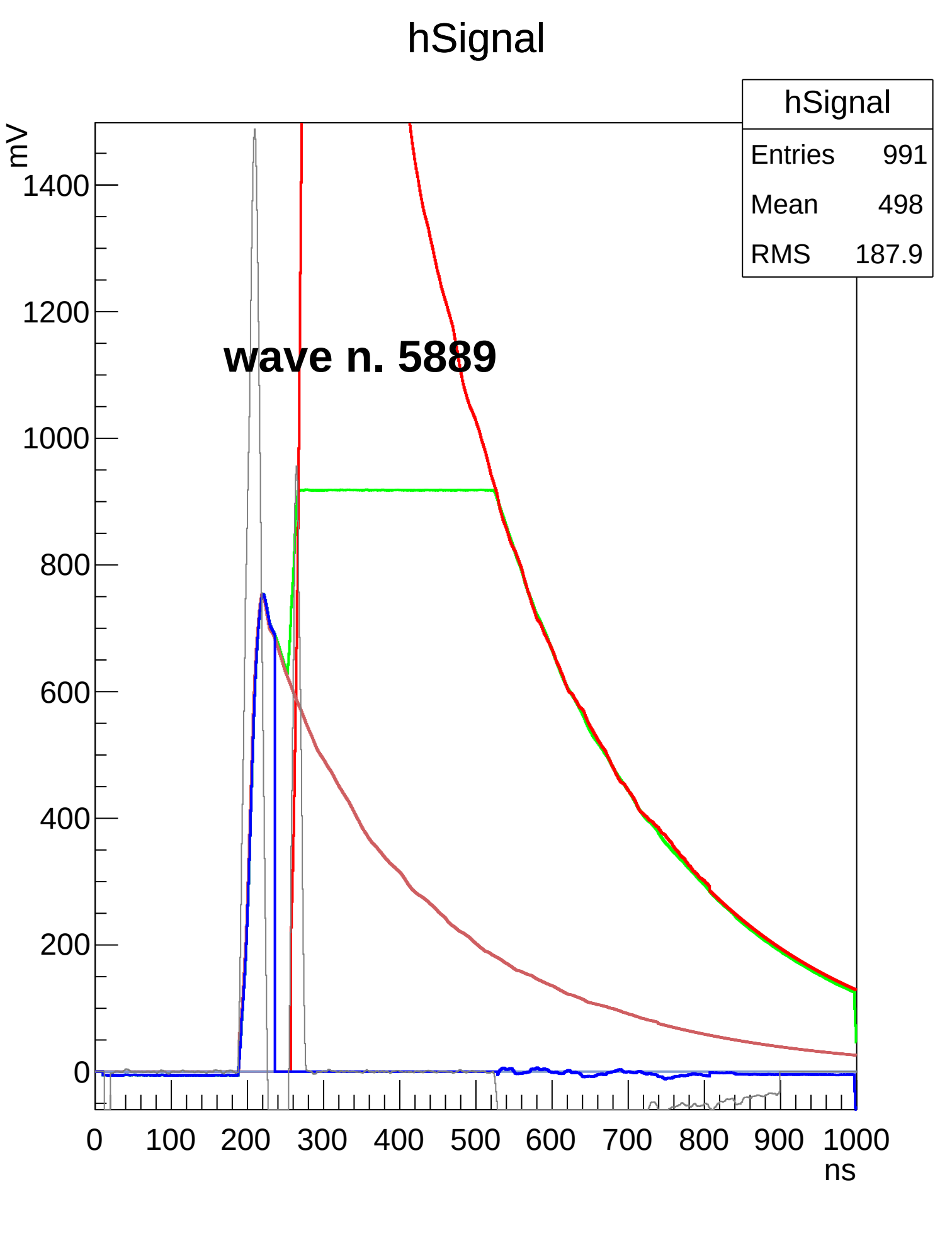

hSignal
hSignal
Entries 991
Mean 468.2
RMS 169
wave n. 5884
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns

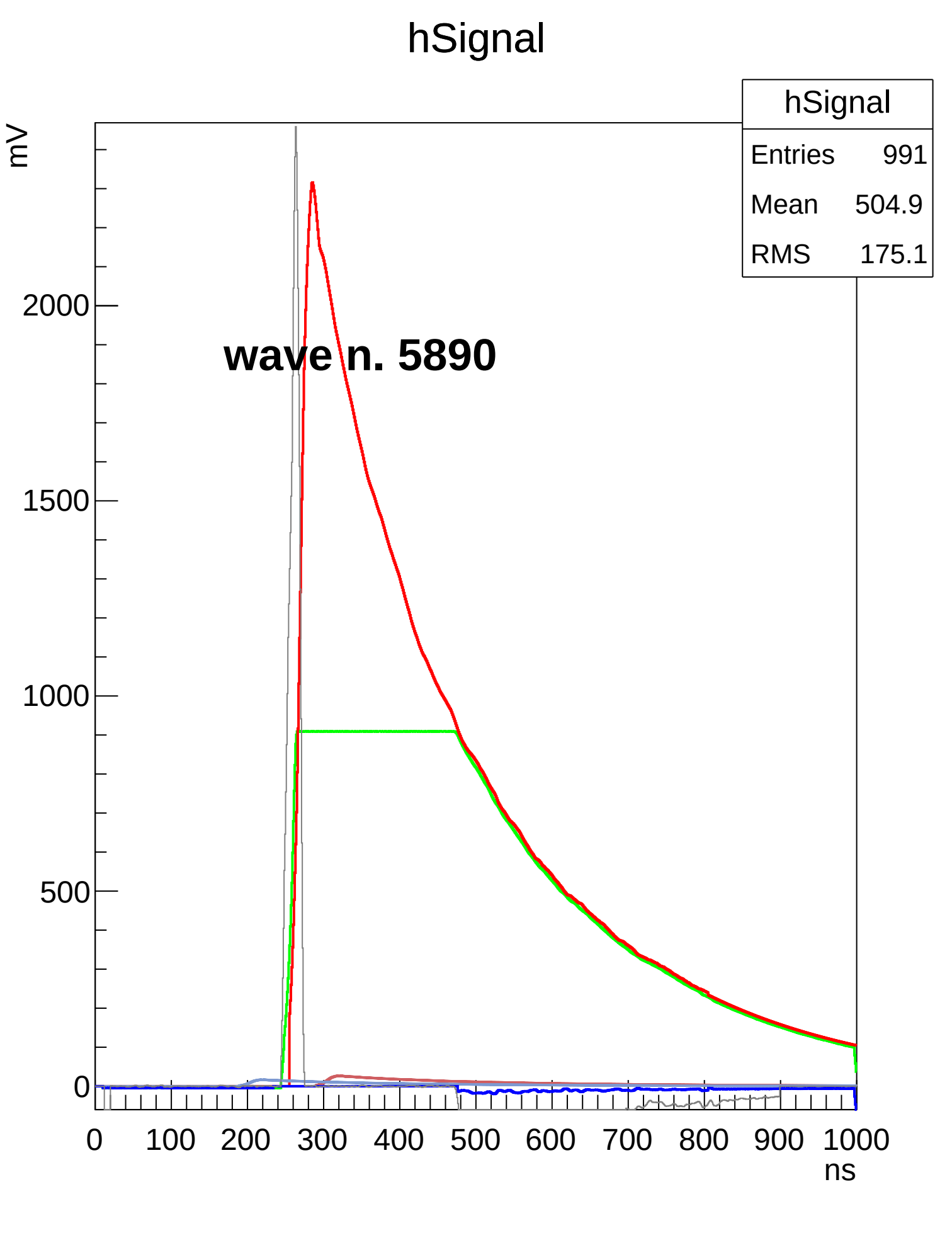

hSignal
hSignal
Entries 991
Mean 630.8
RMS 146.5
wave n. 5885
mV
2500
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 403.2
RMS 180.5
wave n. 5886
mV
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 449
RMS 126.1
wave n. 5887
mV
200
150
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 426.2
RMS 177.7
wave n. 5888
mV
900
800
700
600
500
400
300
200
100
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 498
RMS 187.9
wave n. 5889
mV
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 504.9
RMS 175.1
wave n. 5890
mV
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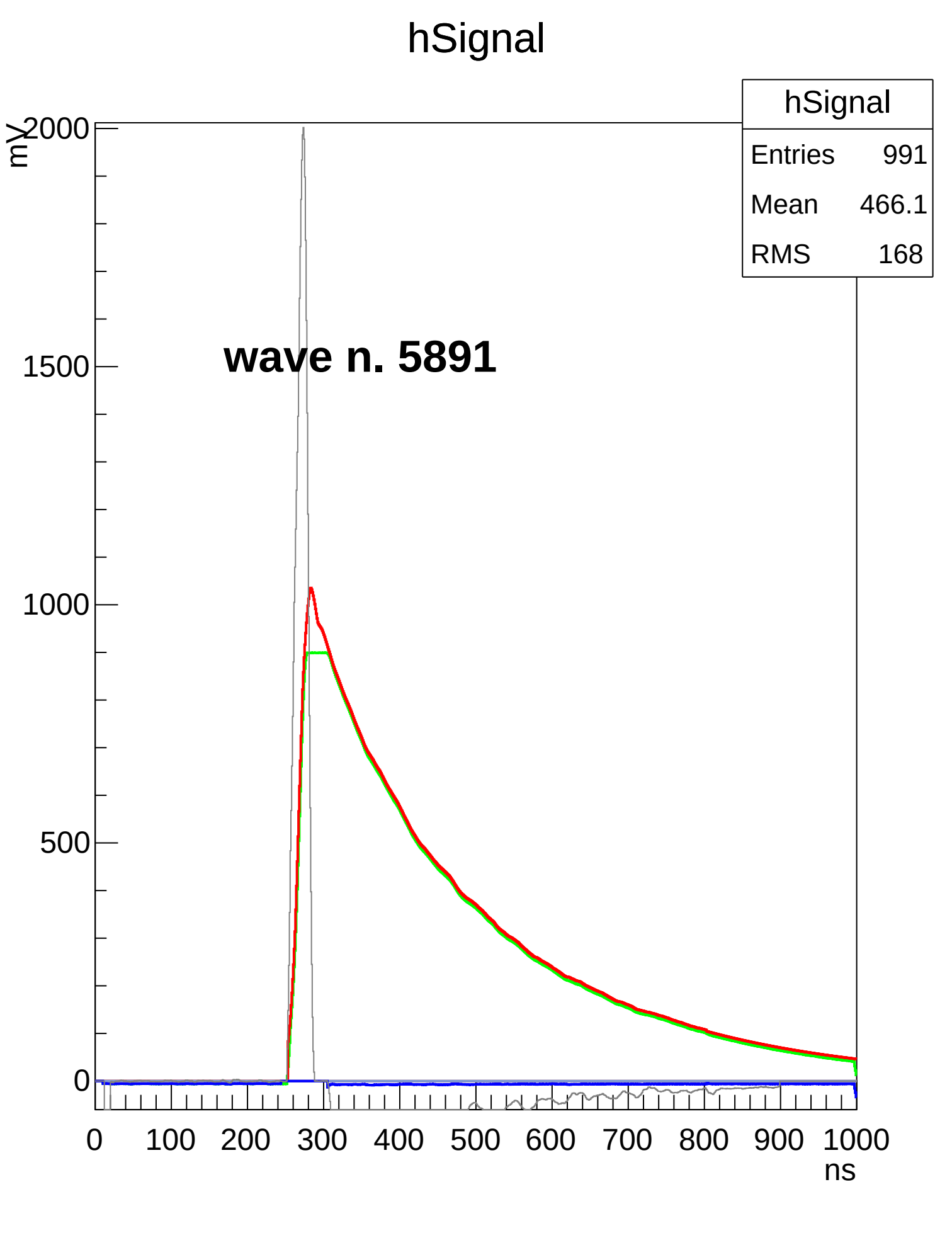
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 466.1
RMS 168
wave n. 5891
mV
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1500
1000
500
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0
100
200
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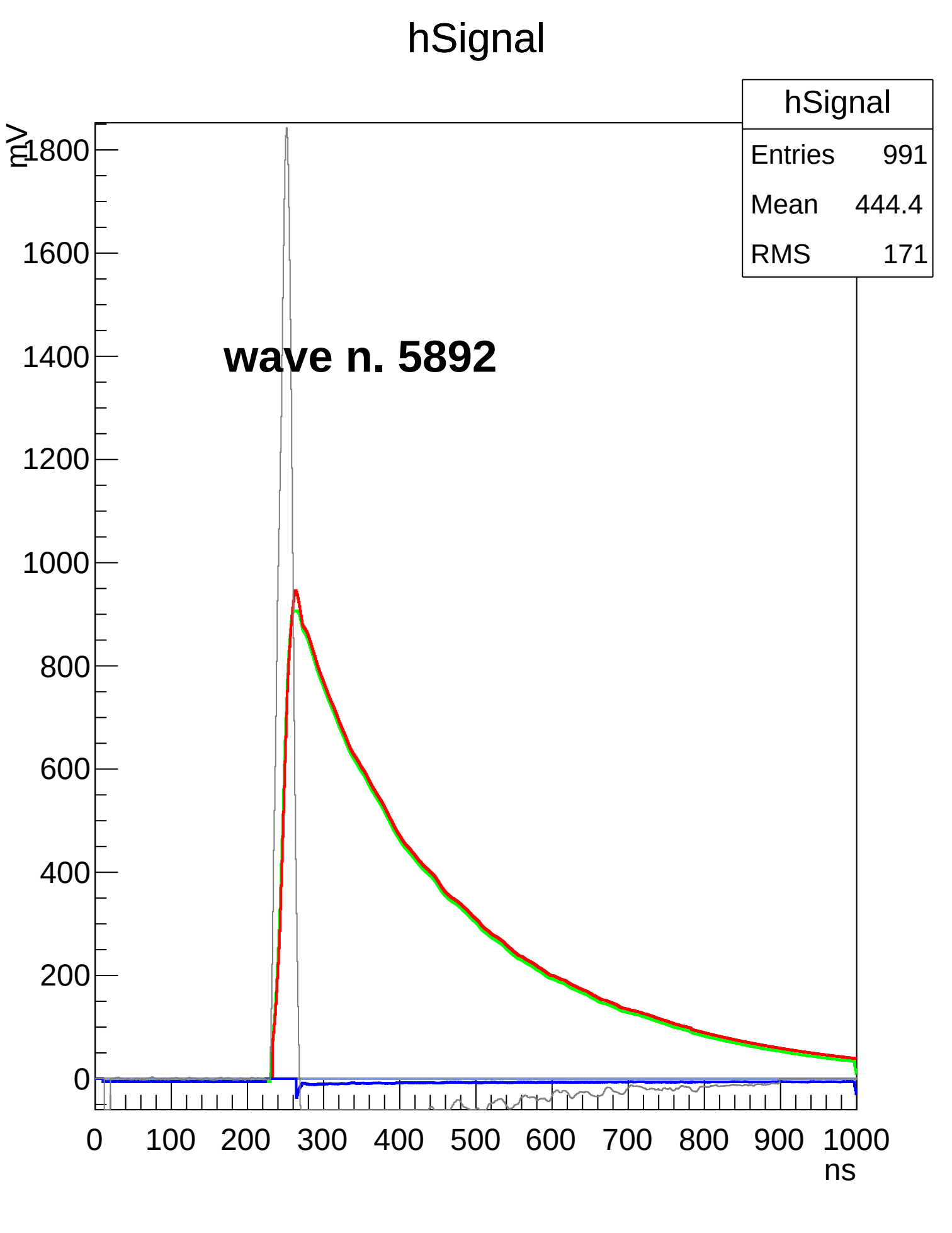
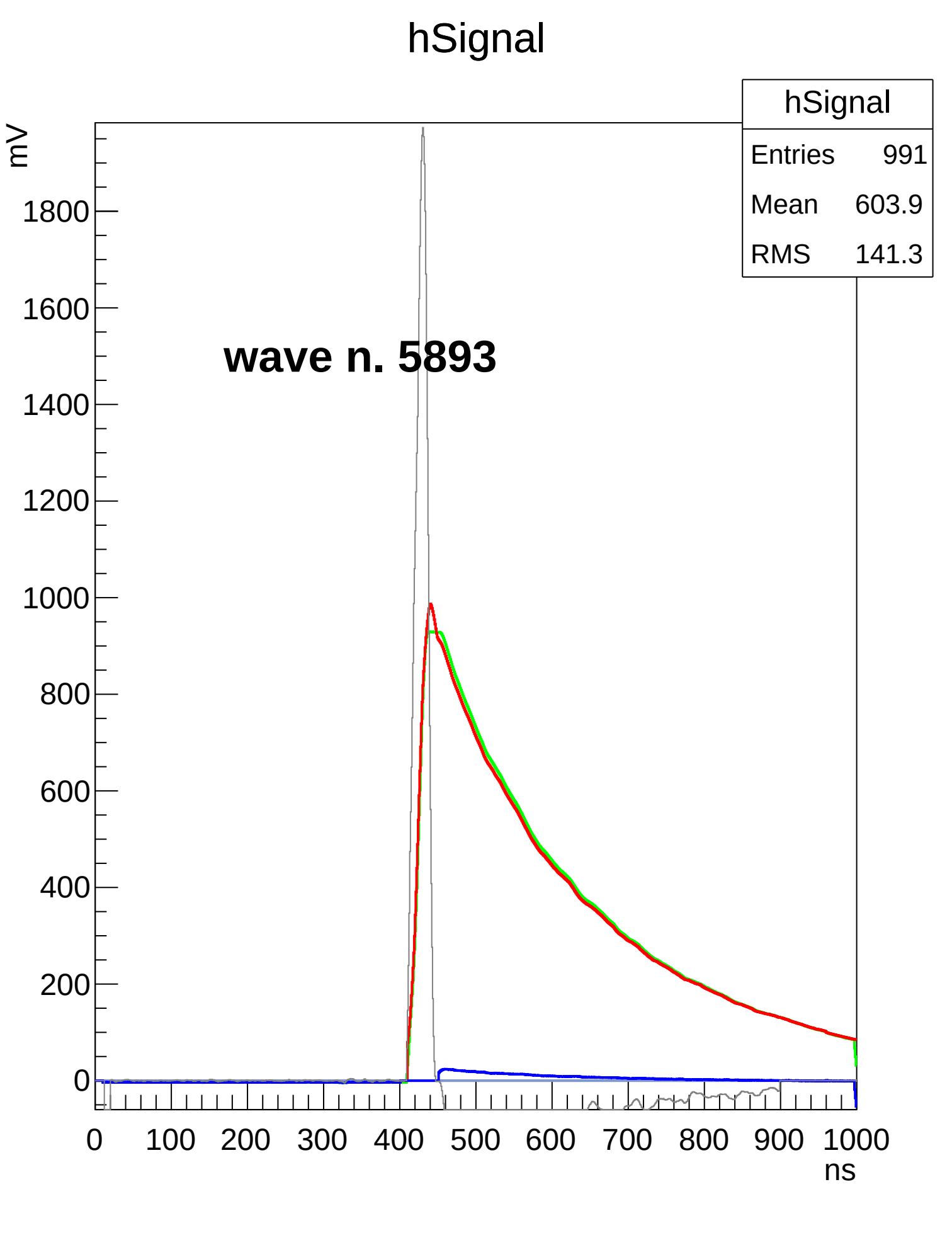
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 444.4
RMS 171
wave n. 5892
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 603.9
RMS 141.3
wave n. 5893
mV
1800
1600
1400
1200
1000
800
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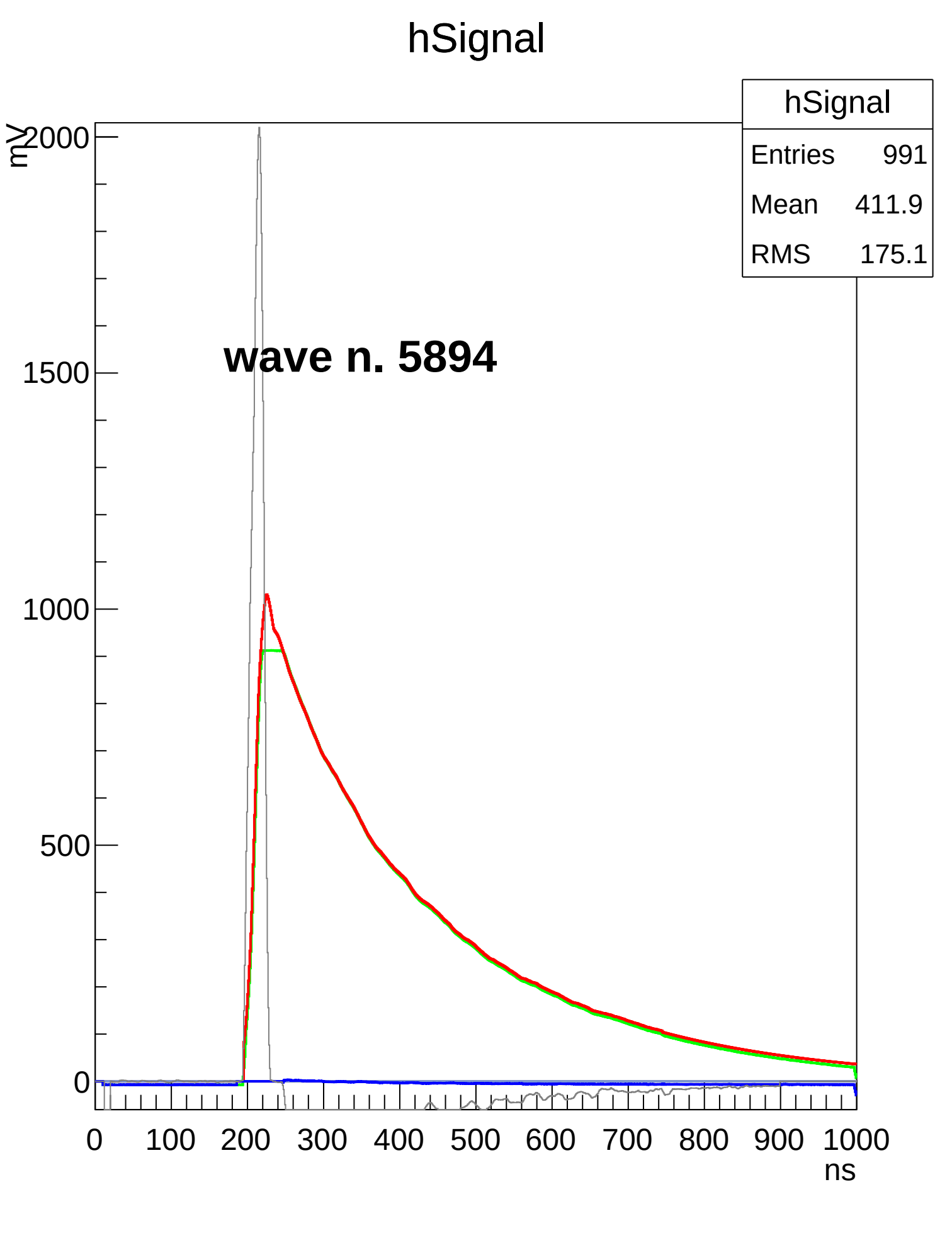
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 411.9
RMS 175.1
wave n. 5894
mV
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1500
1000
500
0
0
100
200
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400
500
600
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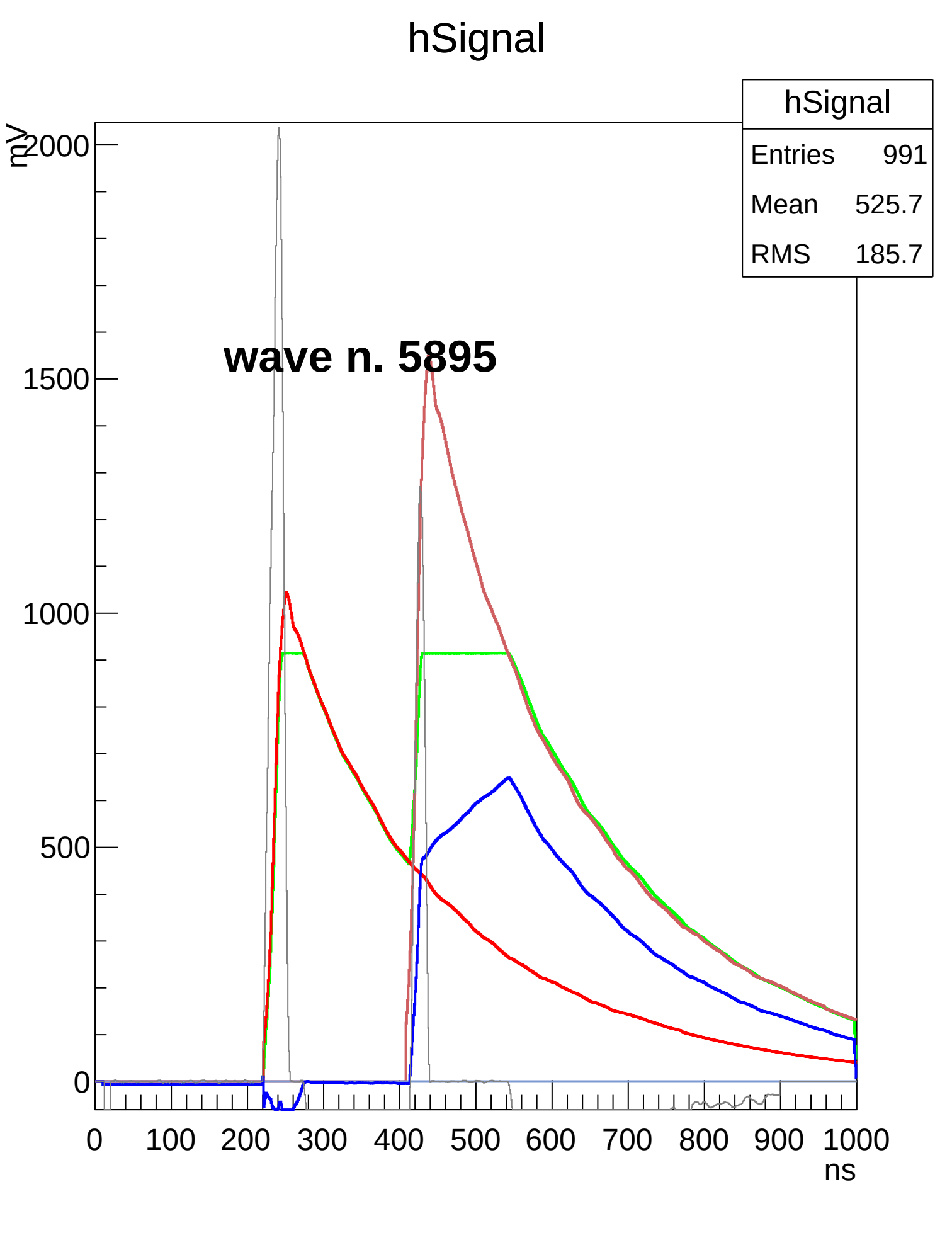
800
900
1000
ns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hSignal
Entries 991
Mean 525.7
RMS 185.7
wave n. 5895
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400
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1000
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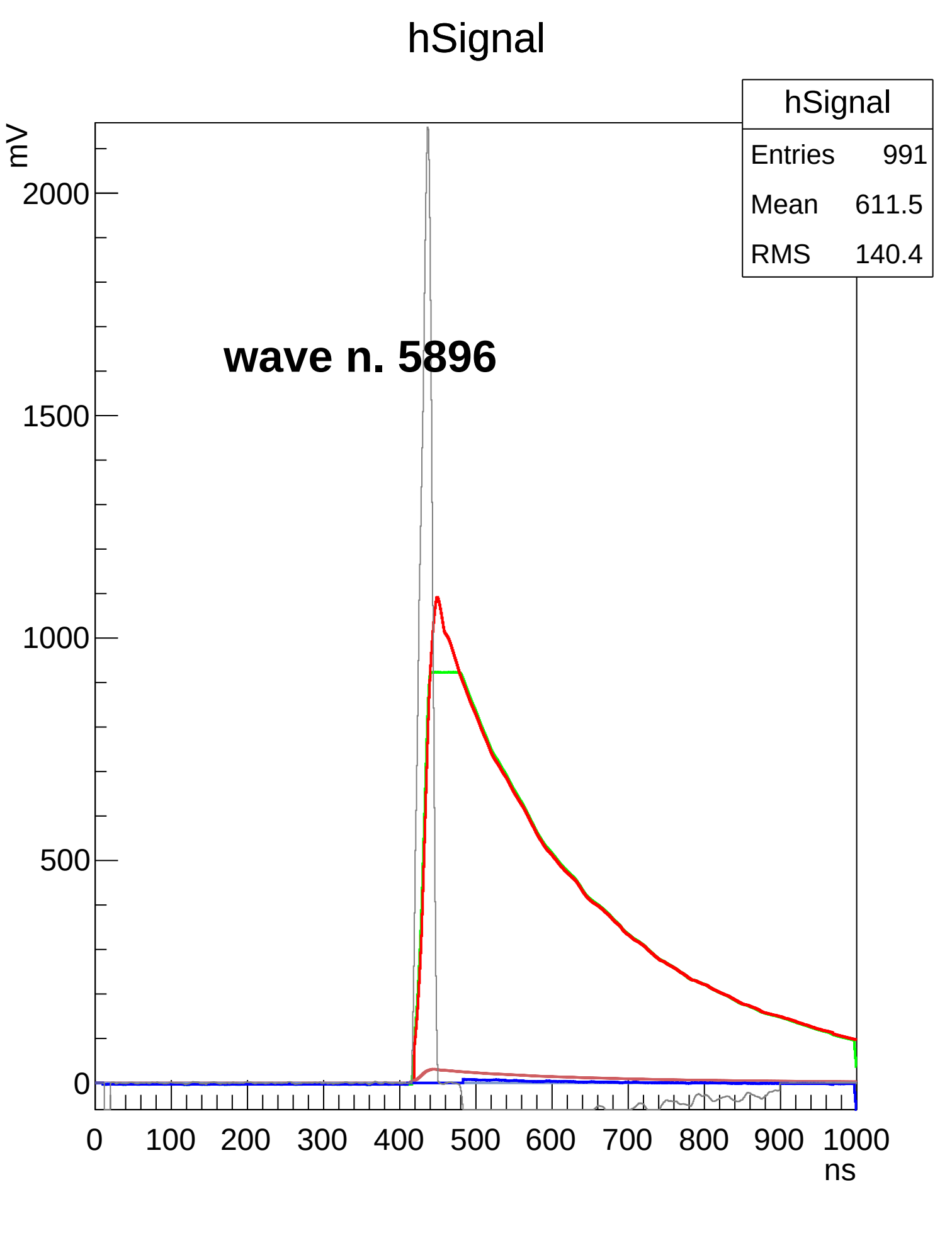
hSignal
hSignal
Entries 991
Mean 611.5
RMS 140.4
wave n. 5896
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1500
1000
500
0
0
100
200
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400
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800
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1000
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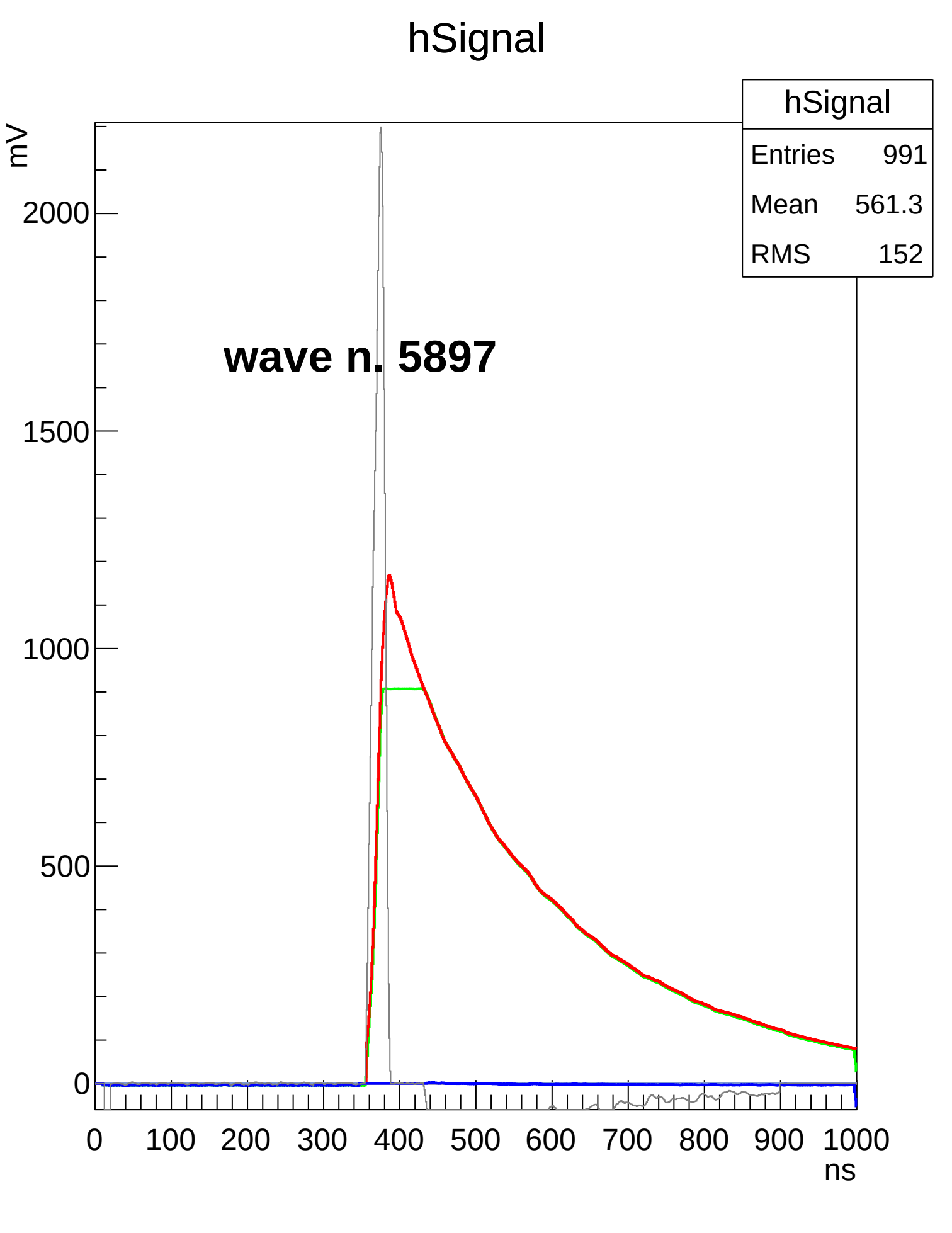
hSignal
hSignal
Entries 991
Mean 561.3
RMS 152
wave n. 5897
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1000
500
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0
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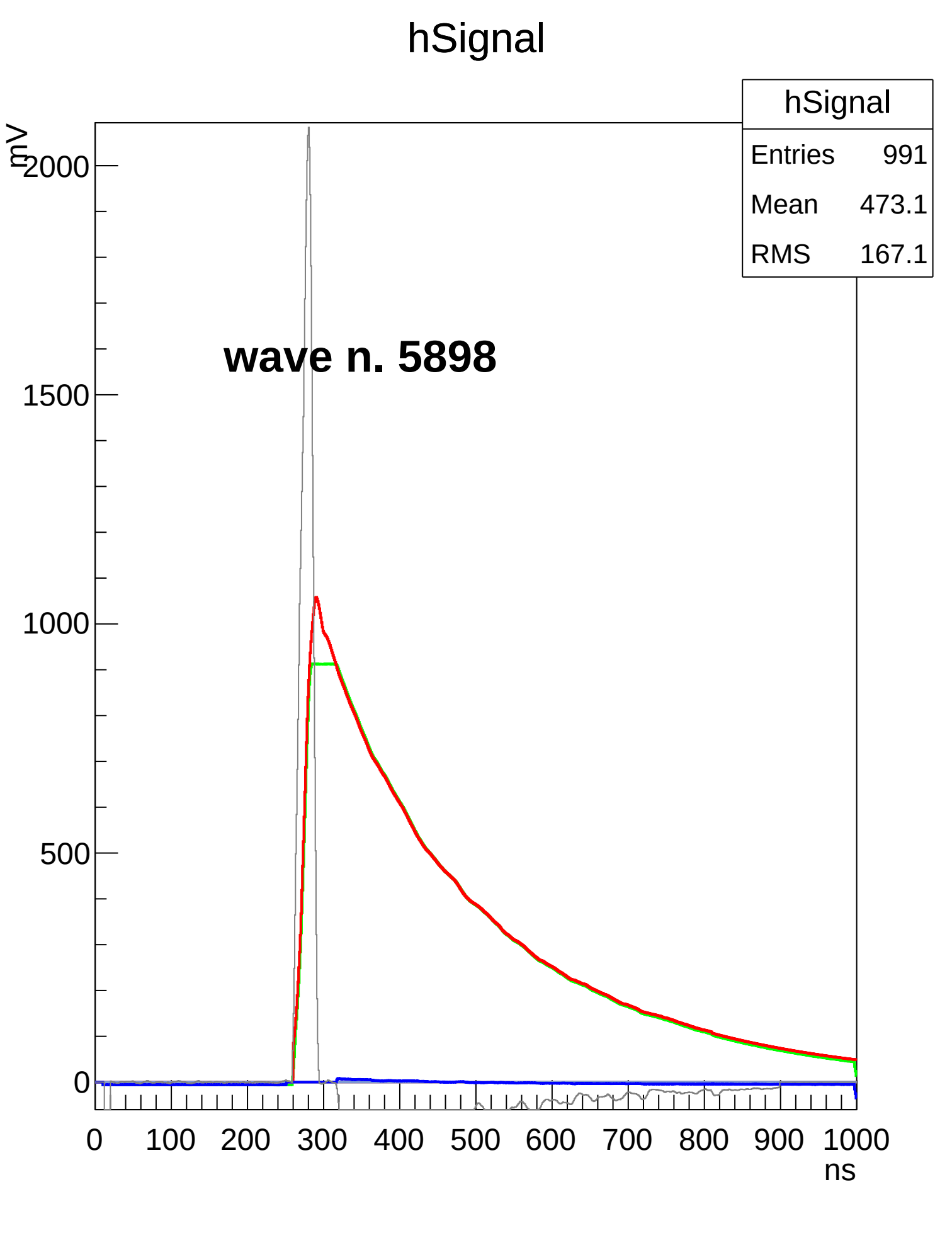
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 473.1
RMS 167.1
wave n. 5898
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1500
1000
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0
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400
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800
900
1000
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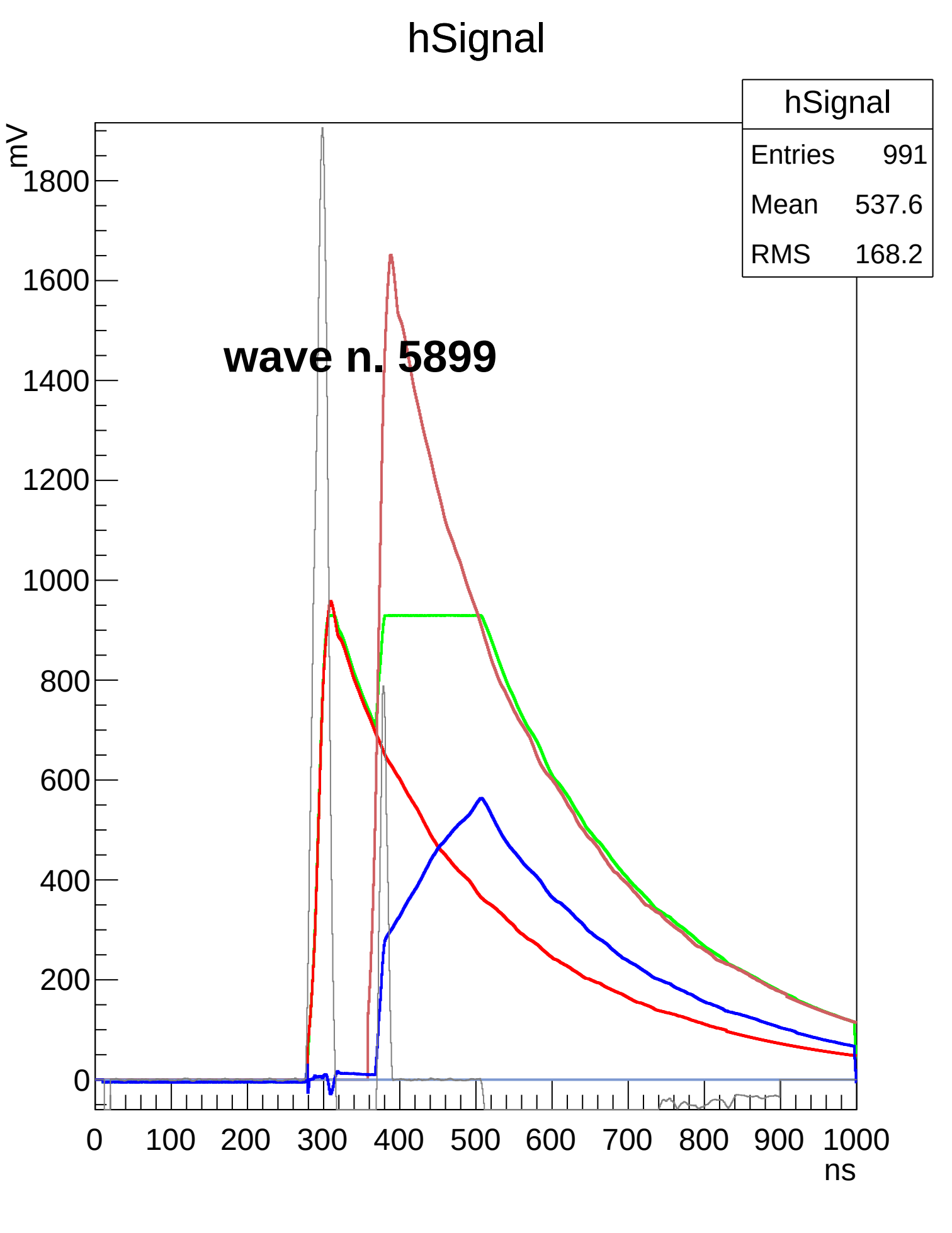
hSignal
hSignal
Entries 991
Mean 537.6
RMS 168.2
wave n. 5899
mV
1800
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600
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0
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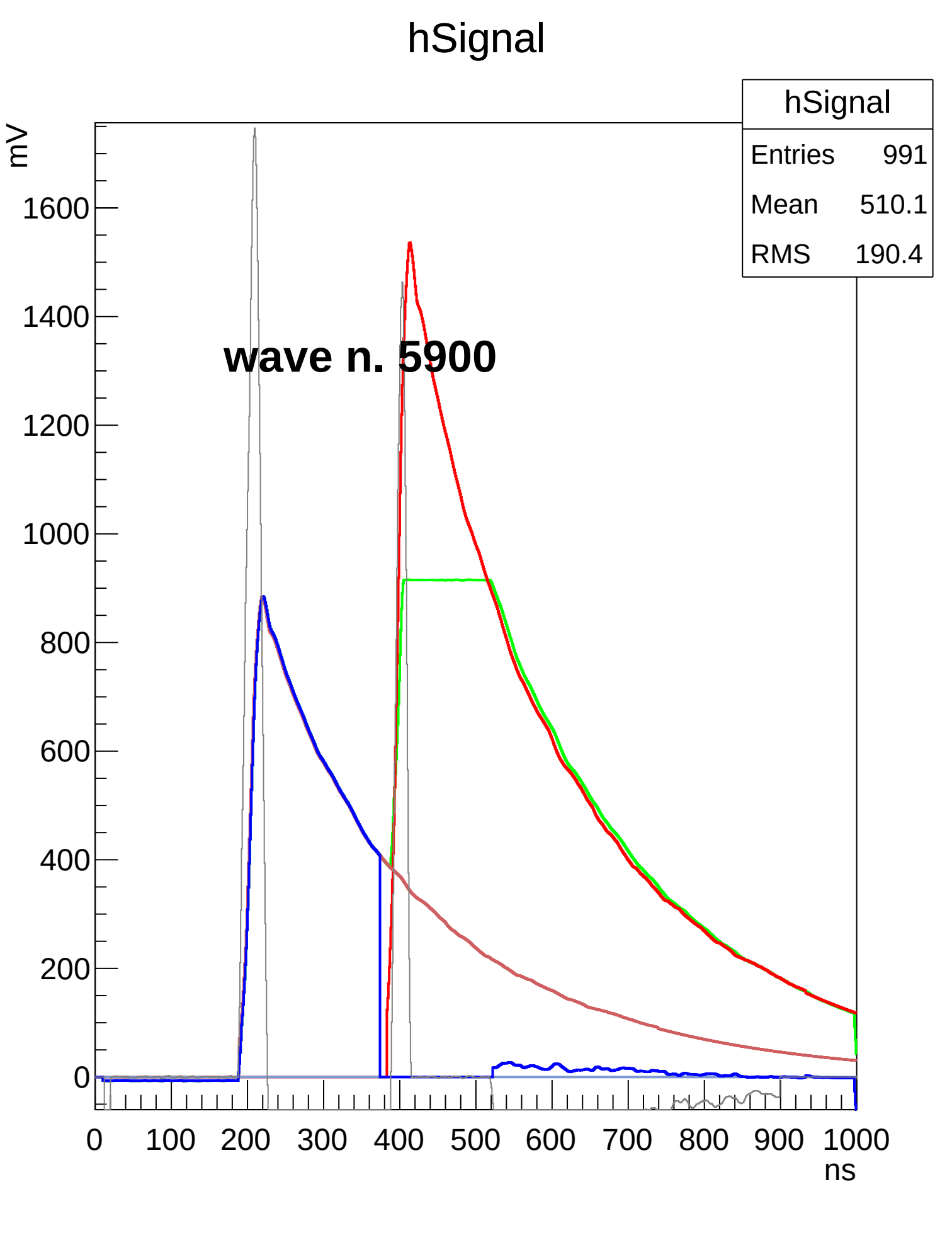
1000
ns


hSignal
hSignal
Entries 991
Mean 510.1
RMS 190.4
wave n. 5900
mV
1600
1400
1200
1000
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600
400
200
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0
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400
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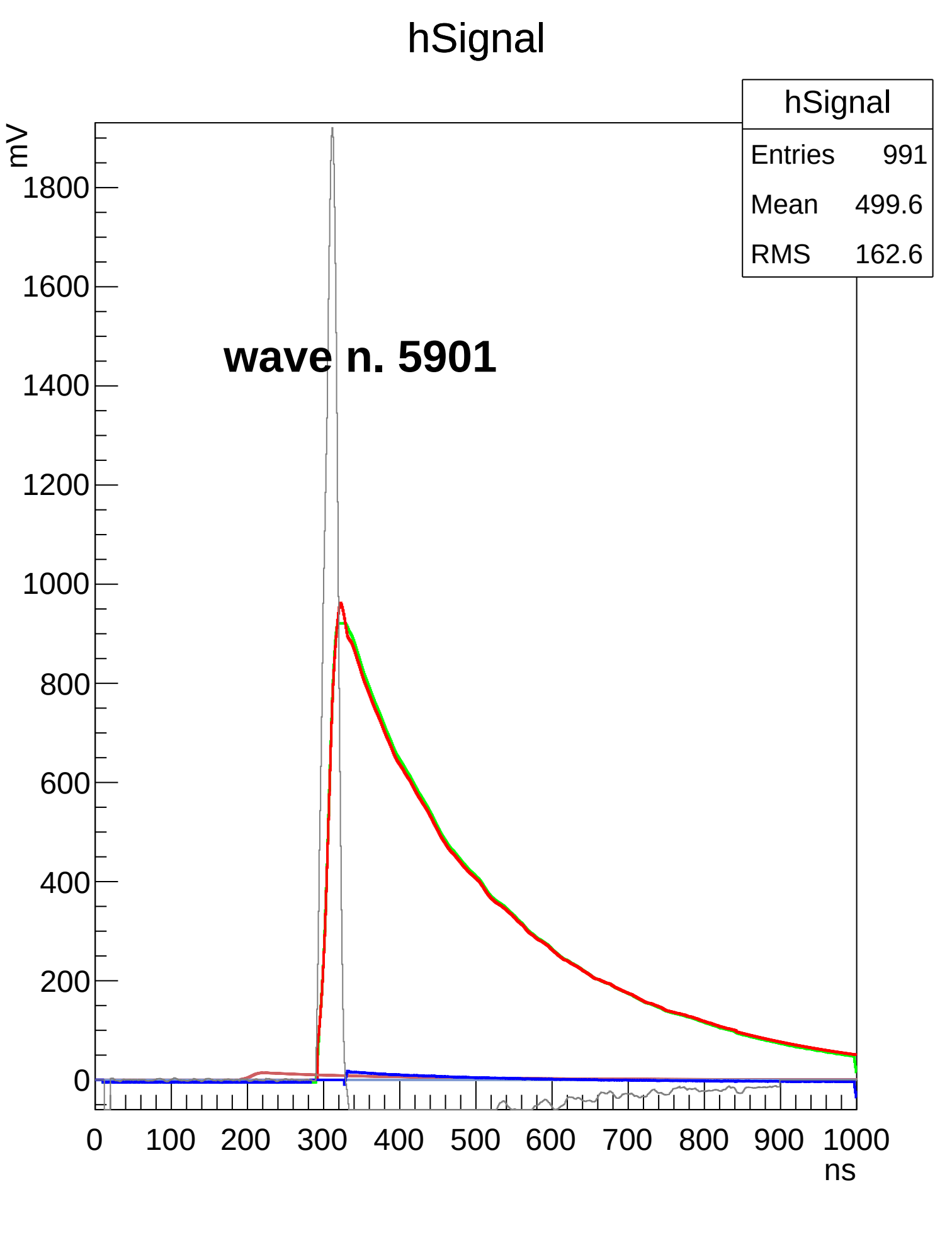
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 499.6
RMS 162.6
wave n. 5901
mV
1800
1600
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200
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0
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1000
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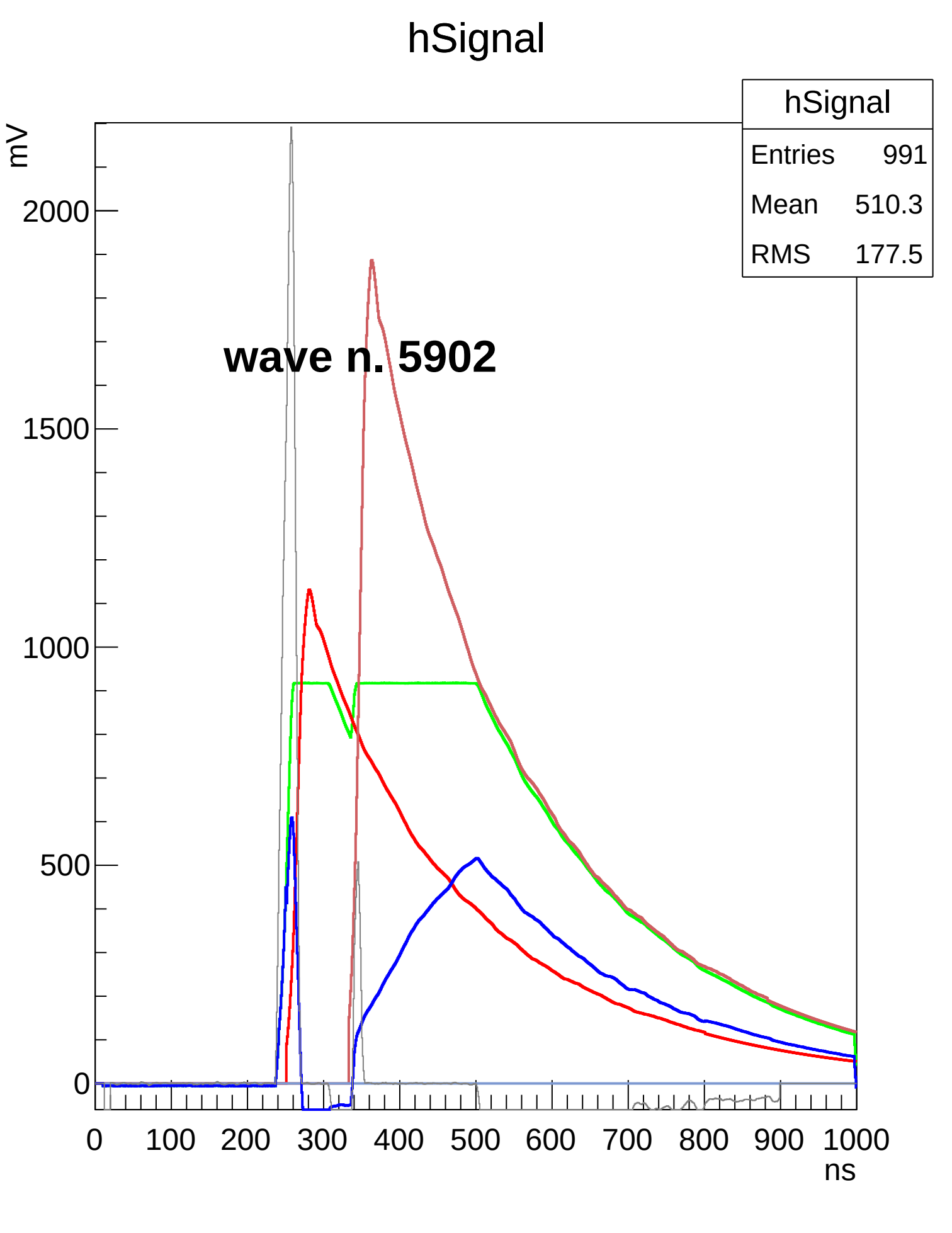
hSignal
hSignal
Entries 991
Mean 510.3
RMS 177.5
wave n. 5902
mV
2000
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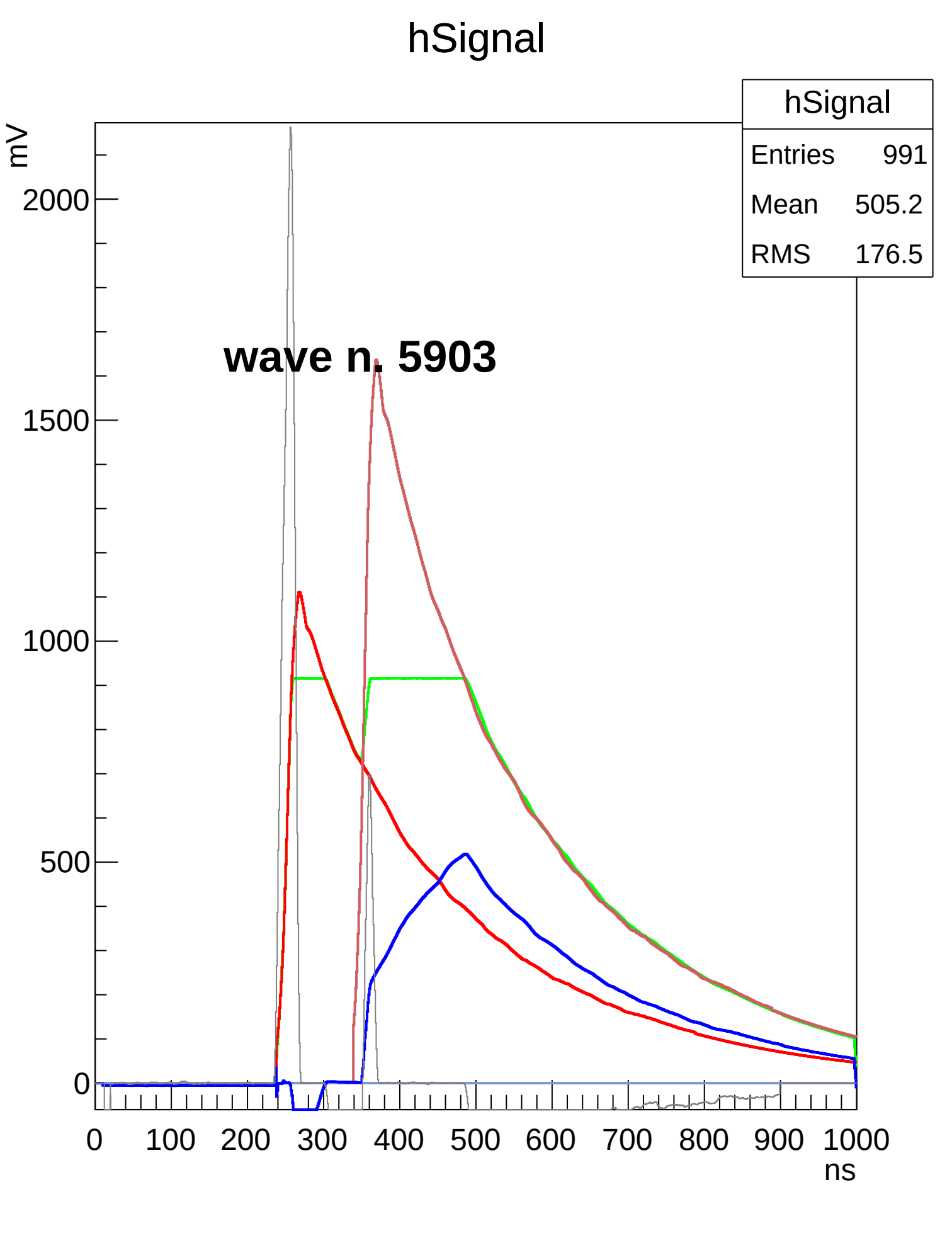
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 505.2
RMS 176.5
wave n. 5903
mV
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1500
1000
500
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0
100
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400
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800
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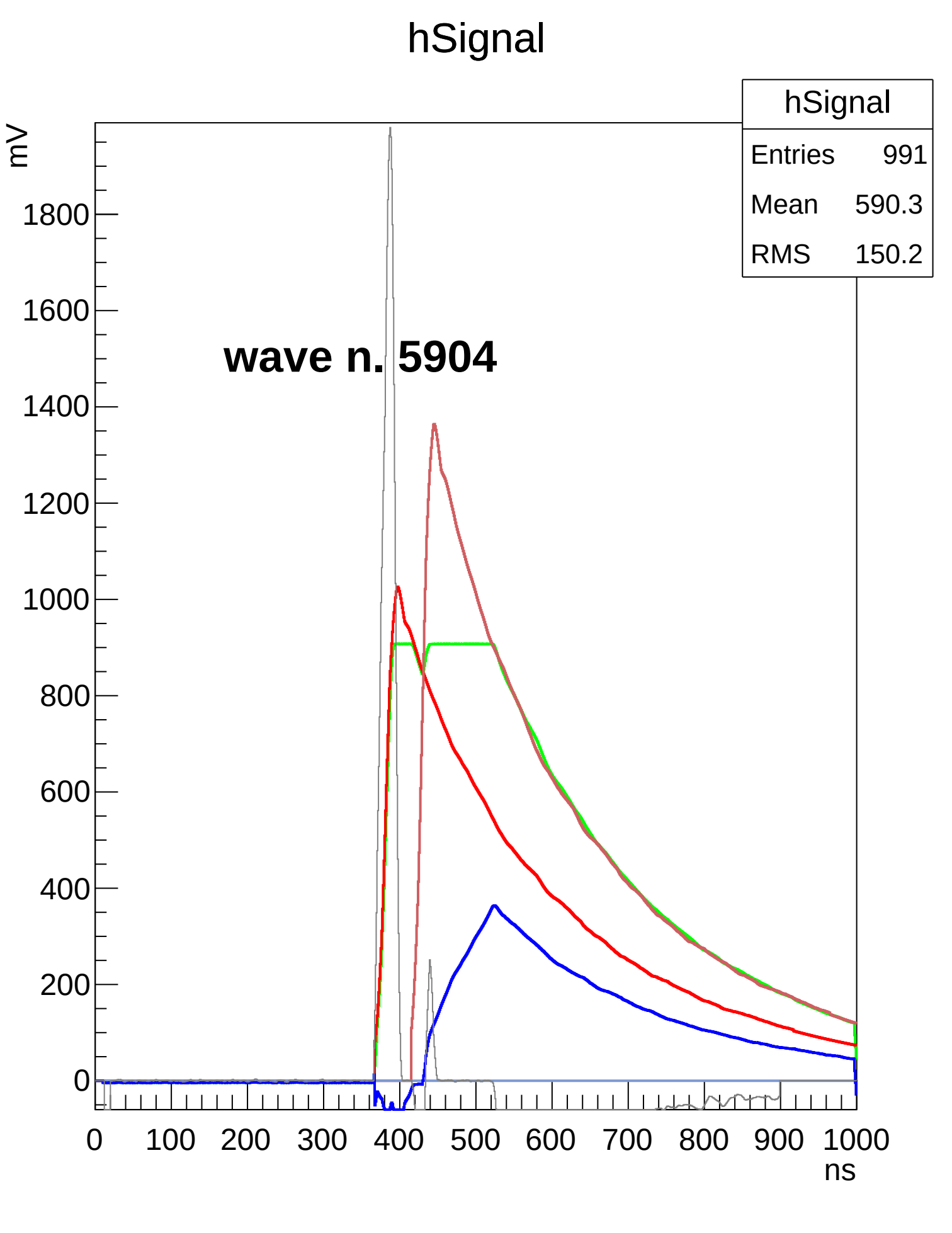
1000
ns


hSignal
hSignal
Entries 991
Mean 590.3
RMS 150.2
wave n. 5904
mV
1800
1600
1400
1200
1000
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600
400
200
0
0
100
200
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400
500
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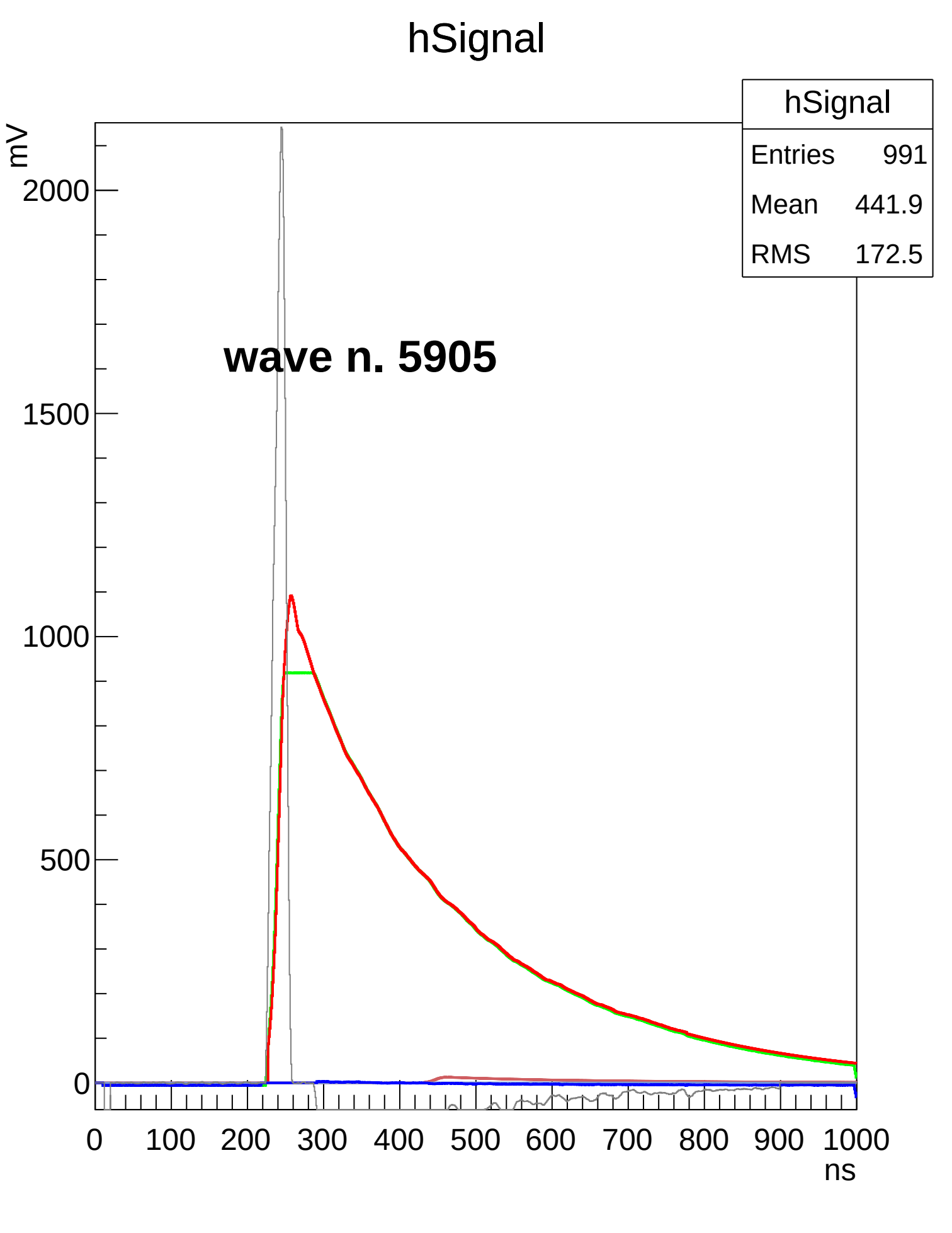
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 441.9
RMS 172.5
wave n. 5905
mV
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1500
1000
500
0
0
100
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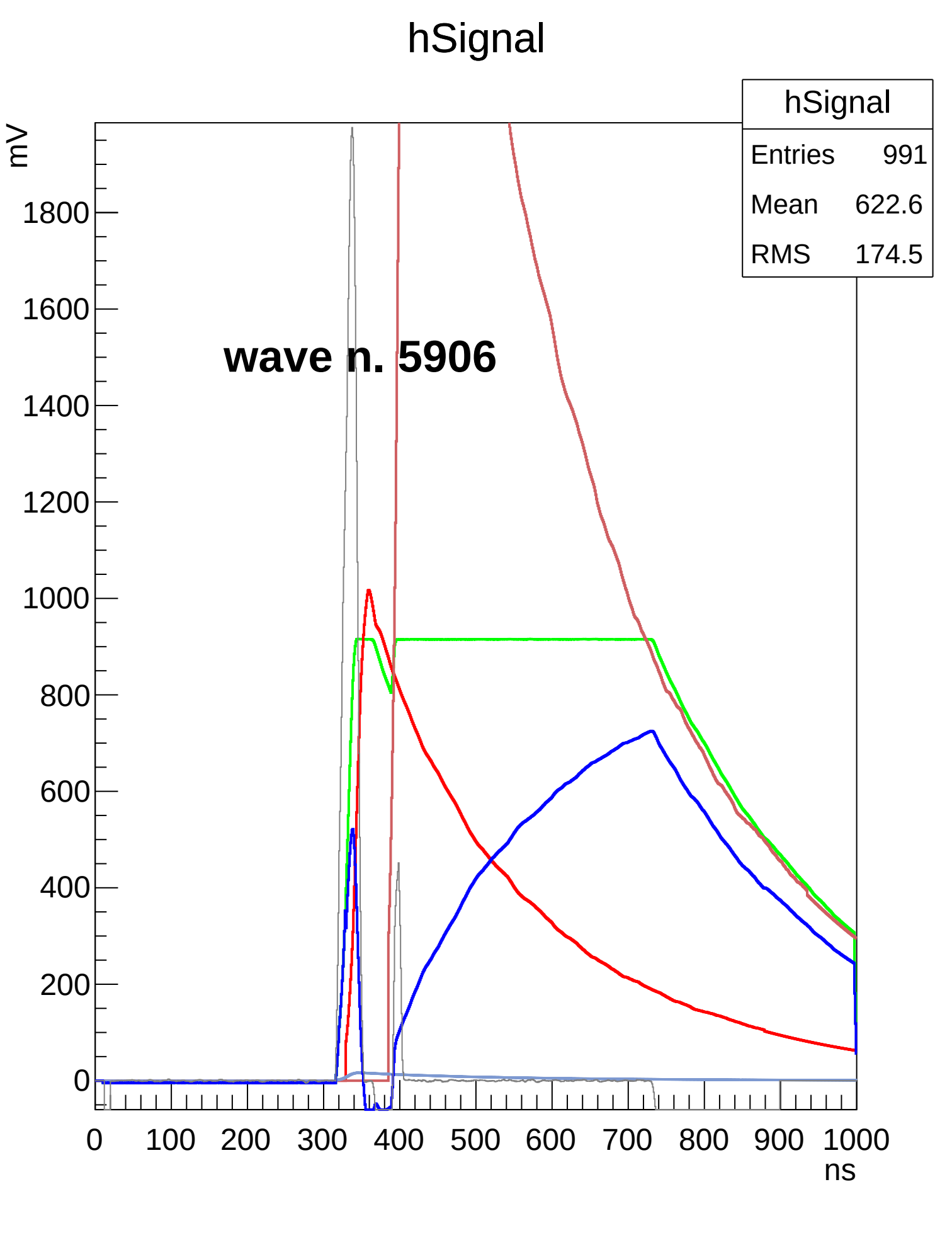
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 622.6
RMS 174.5
wave n. 5906
mV
1800
1600
1400
1200
1000
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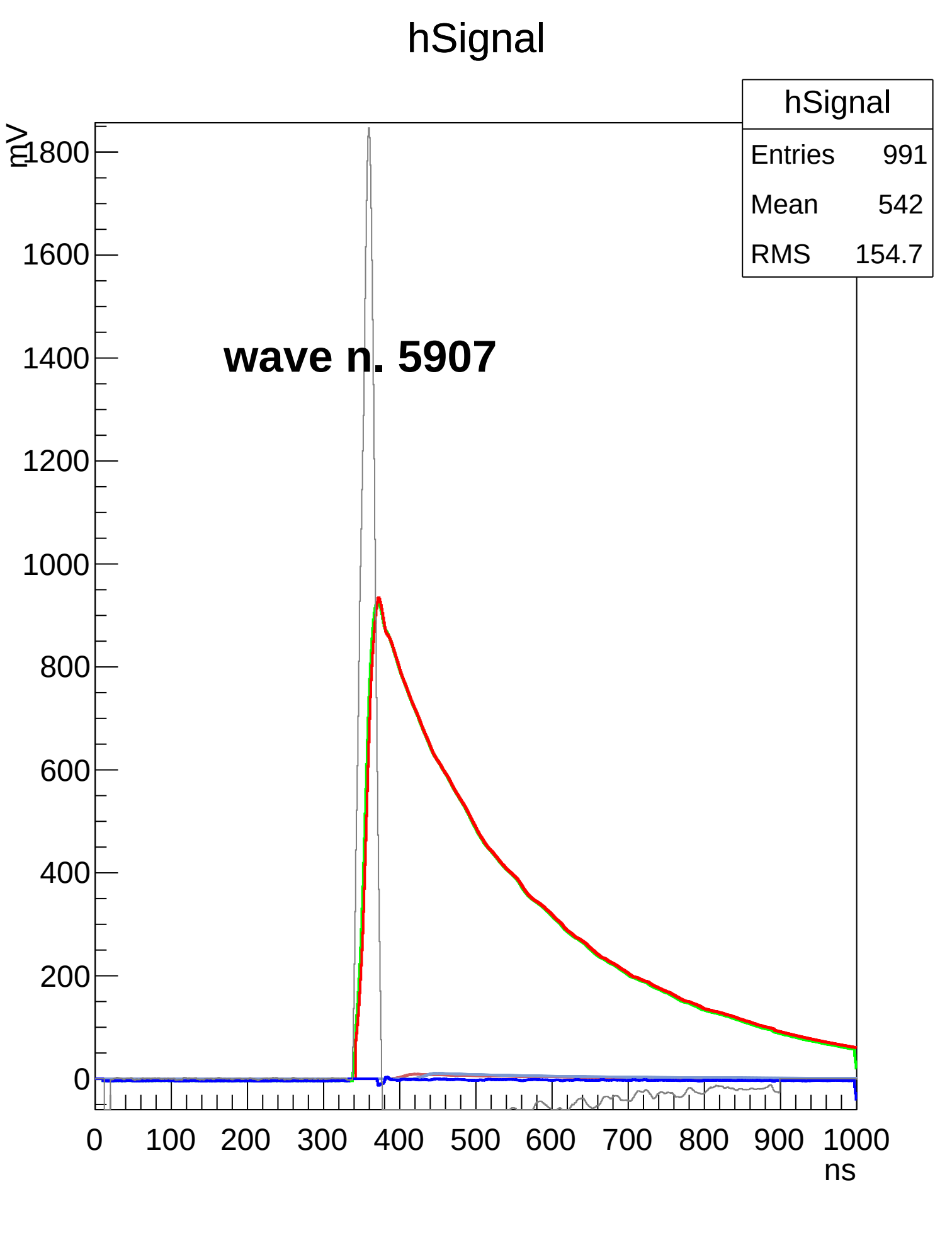
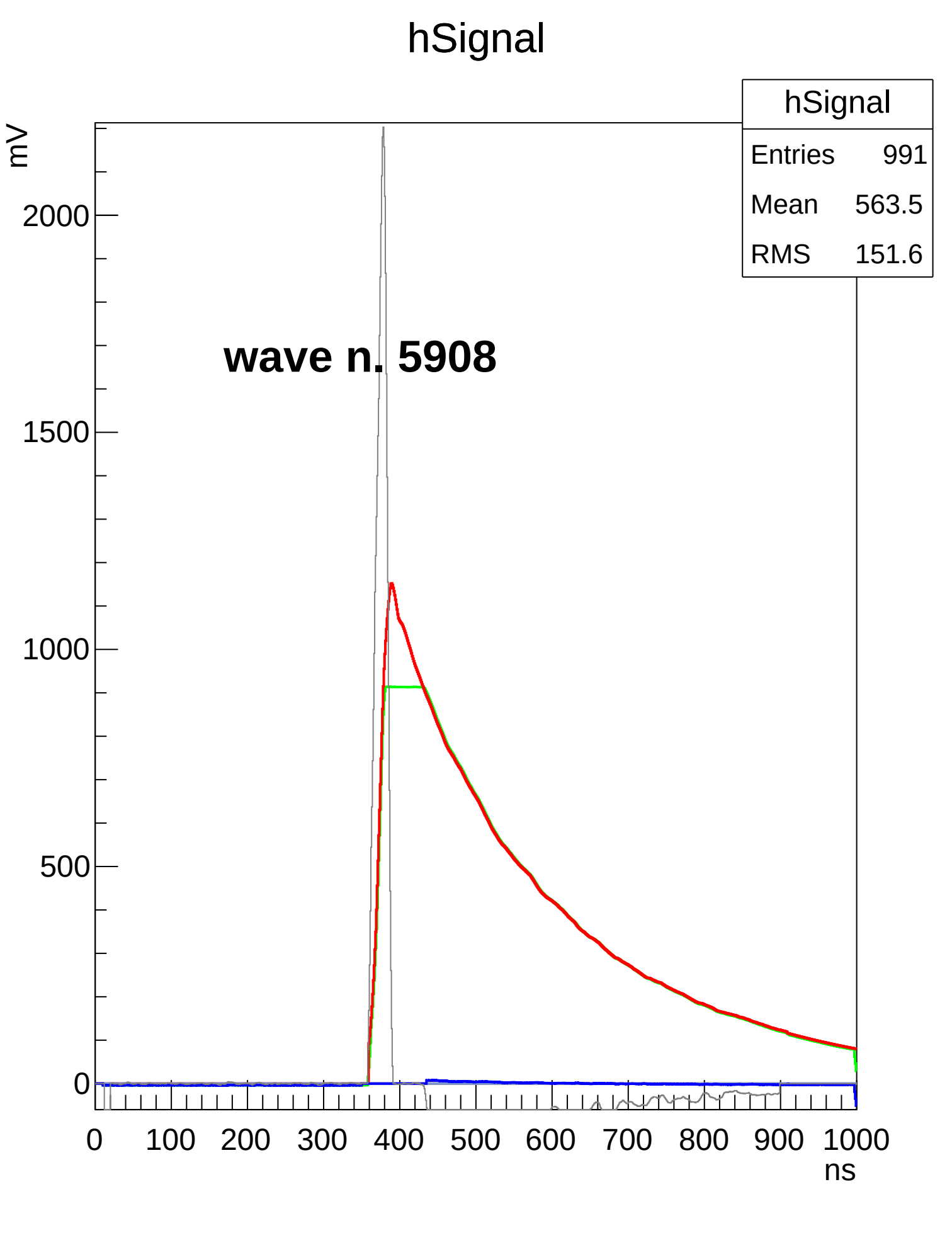
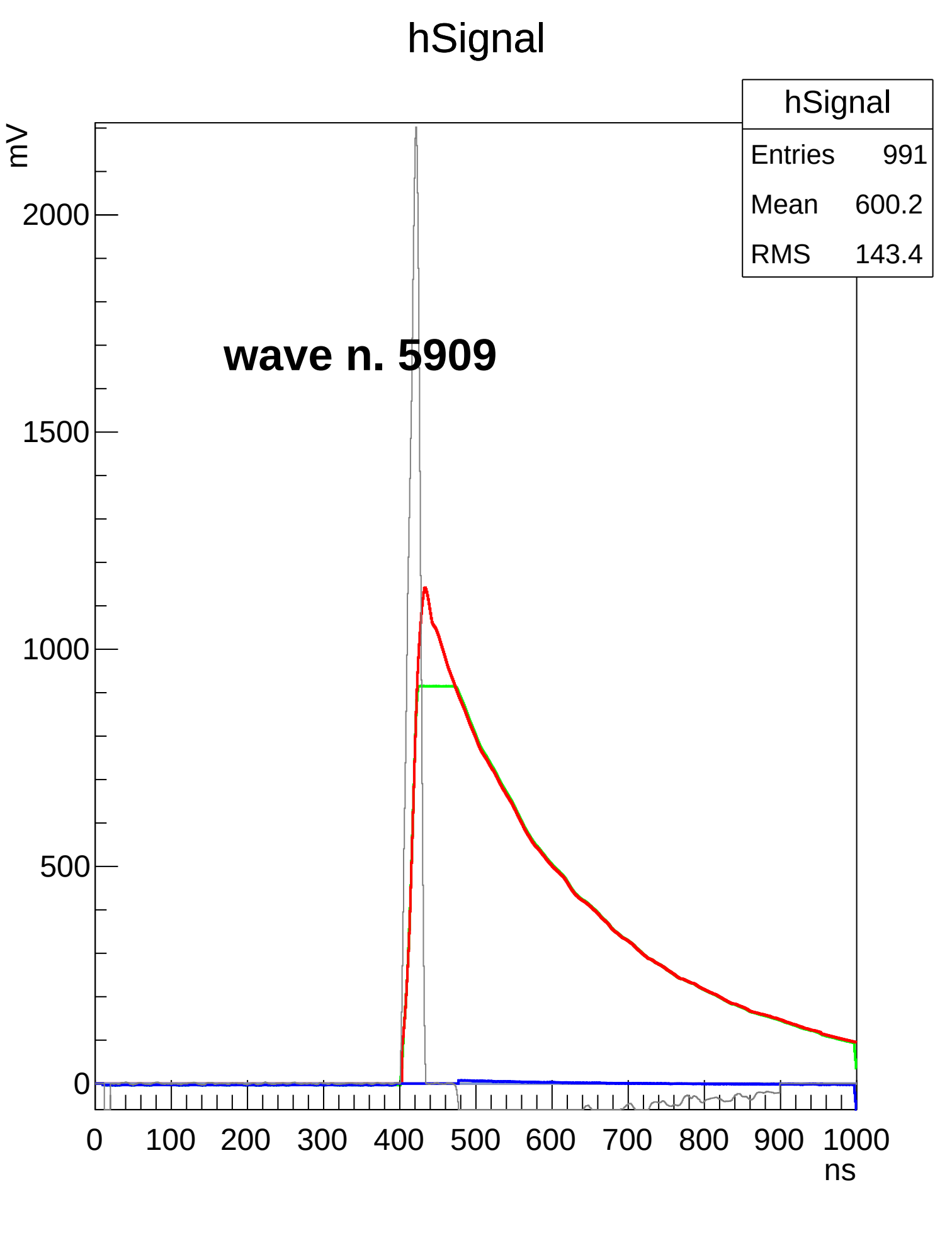
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 542
RMS 154.7
wave n. 5907
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 563.5
RMS 151.6
wave n. 5908
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 600.2
RMS 143.4
wave n. 5909
mV
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1500
1000
500
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0
100
200
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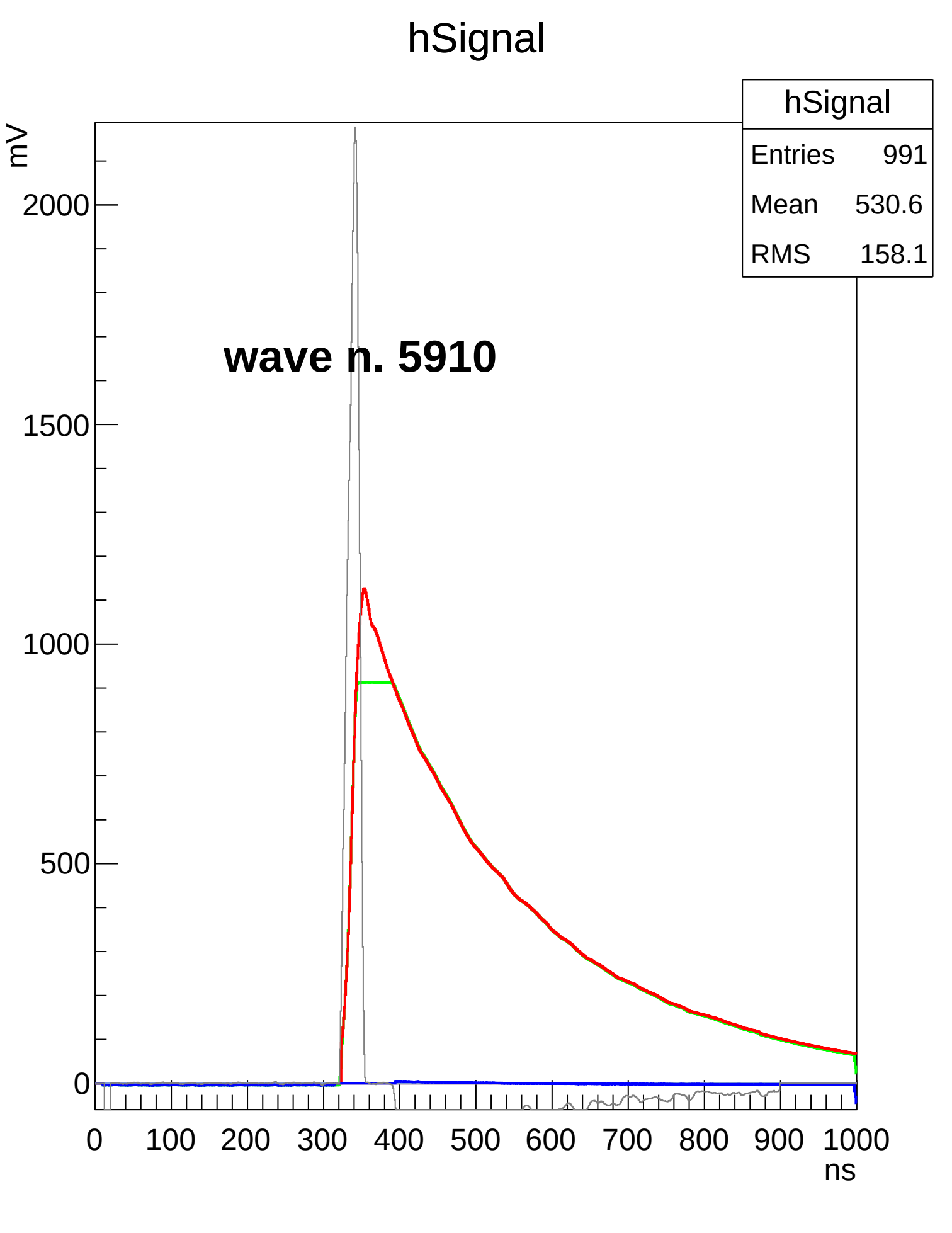
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.6
RMS 158.1
wave n. 5910
mV
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1500
1000
500
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0
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200
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400
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600
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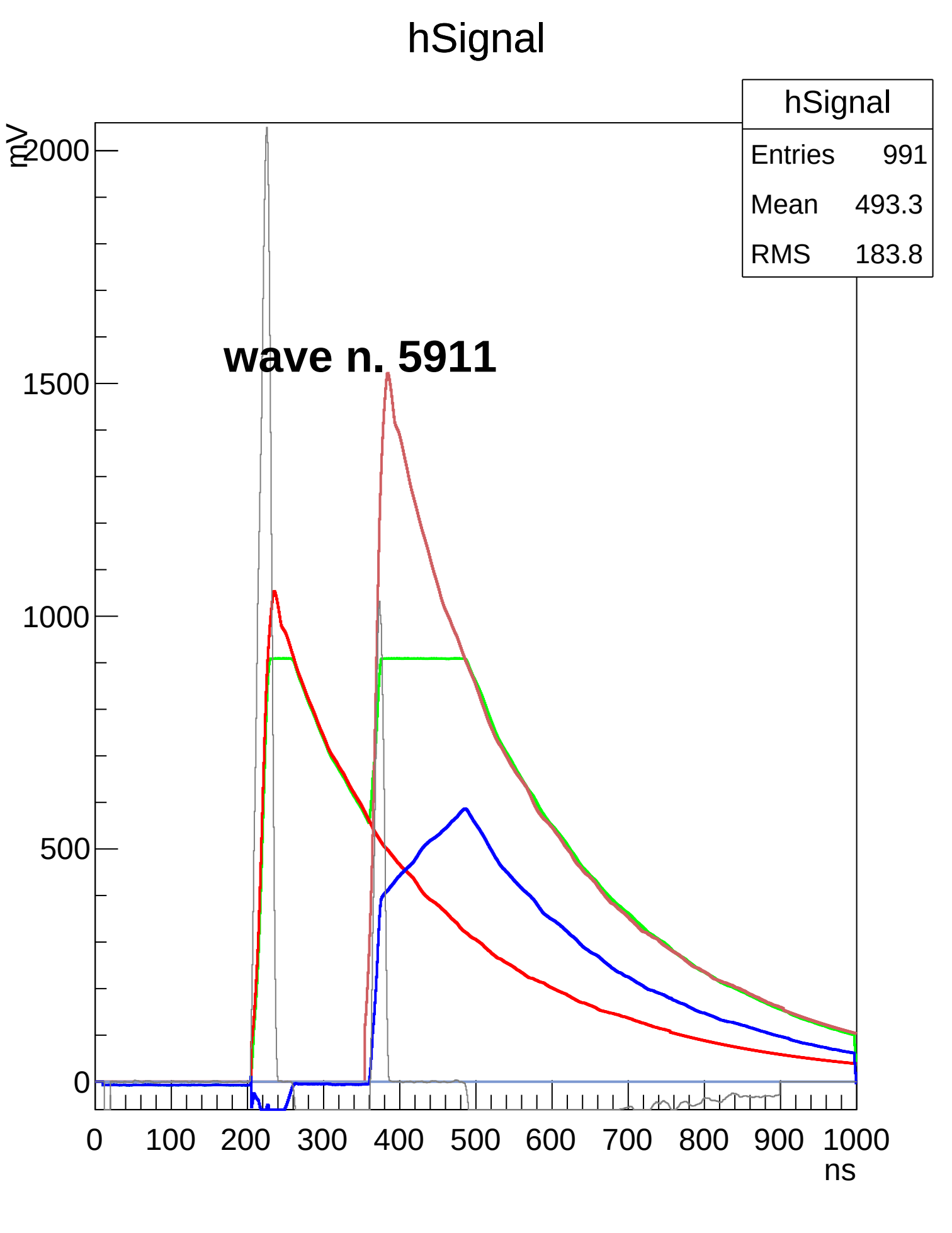
800
900
1000
ns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hSignal
Entries 991
Mean 493.3
RMS 183.8
wave n. 5911
mV
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1000
500
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0
100
200
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400
500
600
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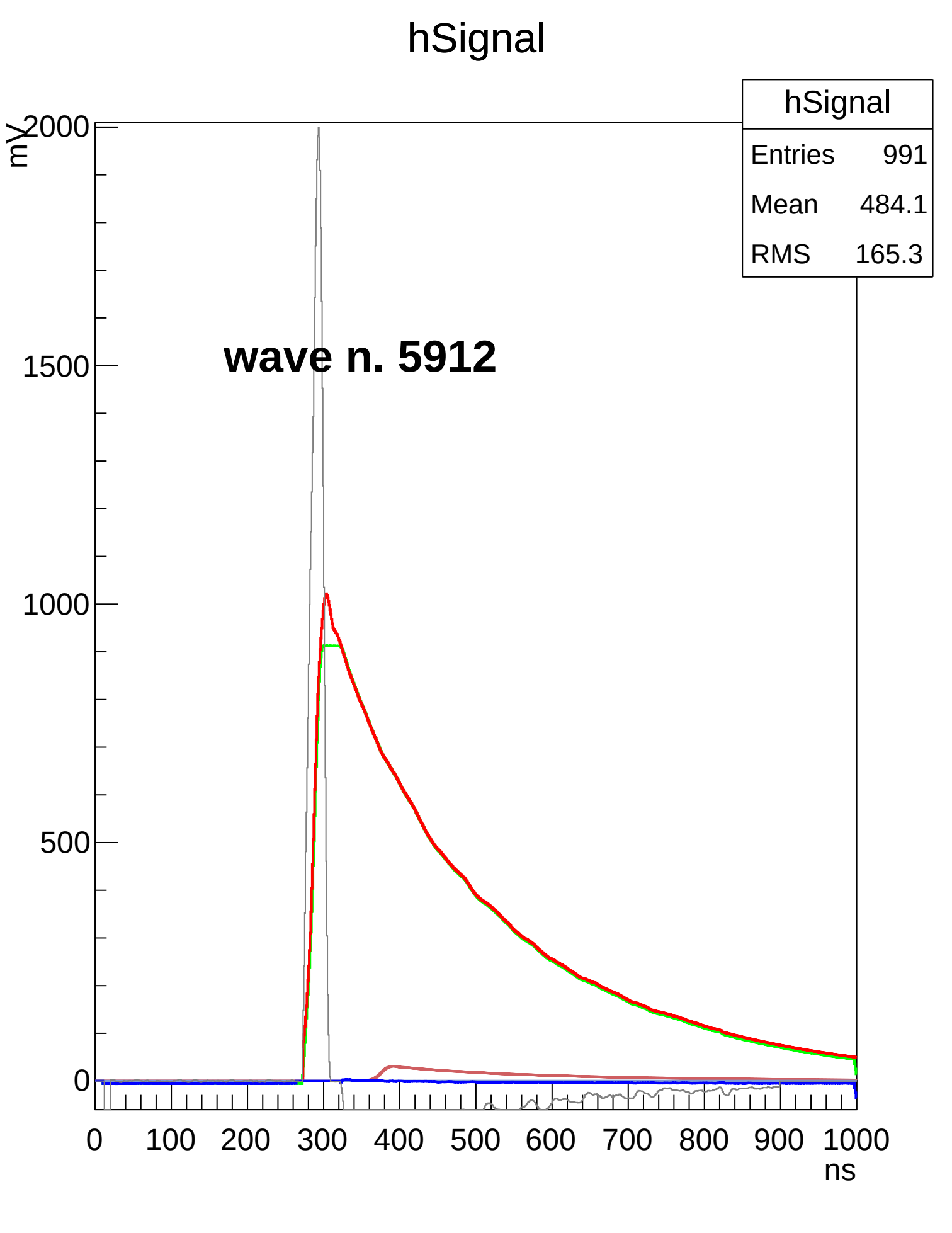
800
900
1000
ns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hSignal
Entries 991
Mean 484.1
RMS 165.3
wave n. 5912
mV
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1500
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0
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400
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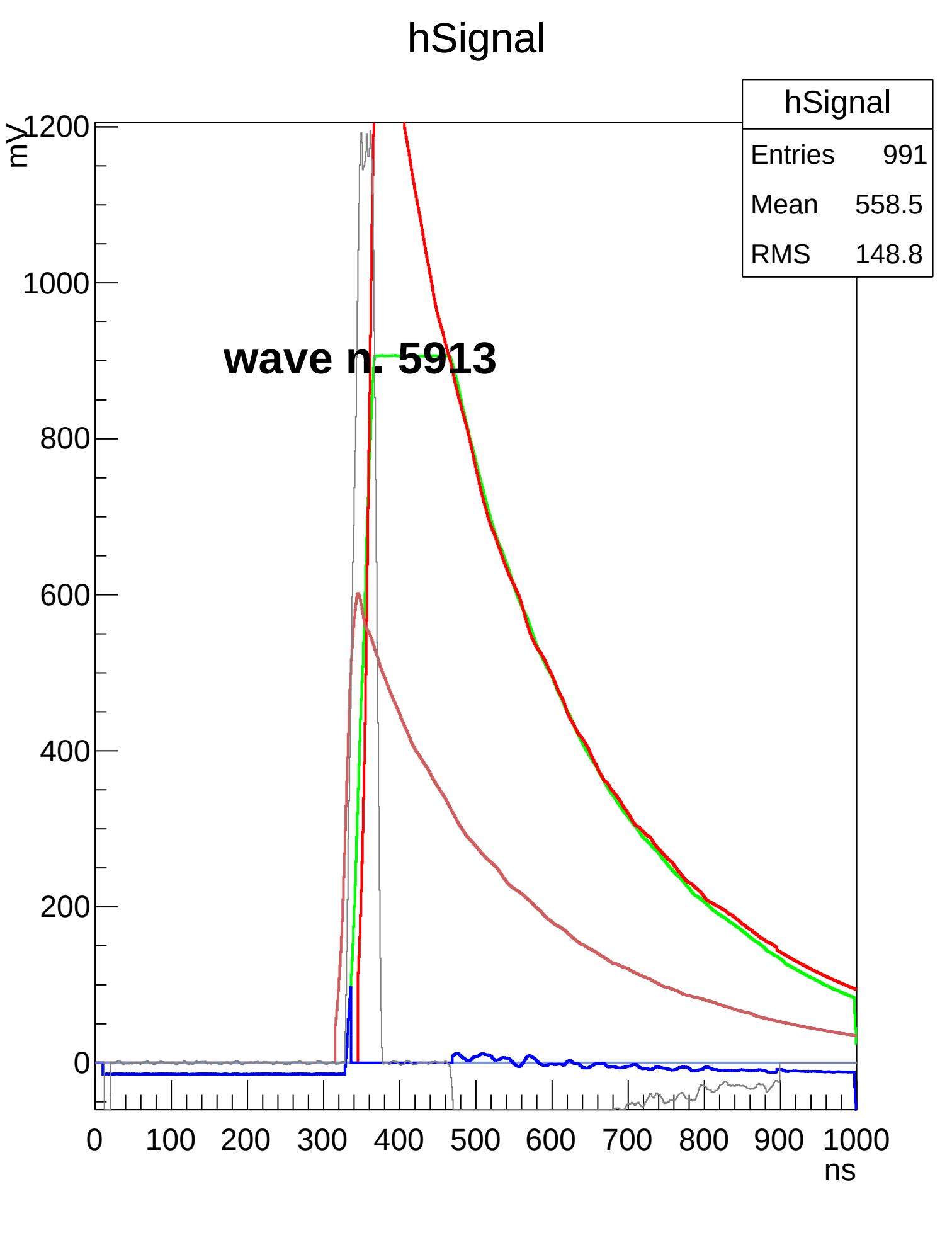
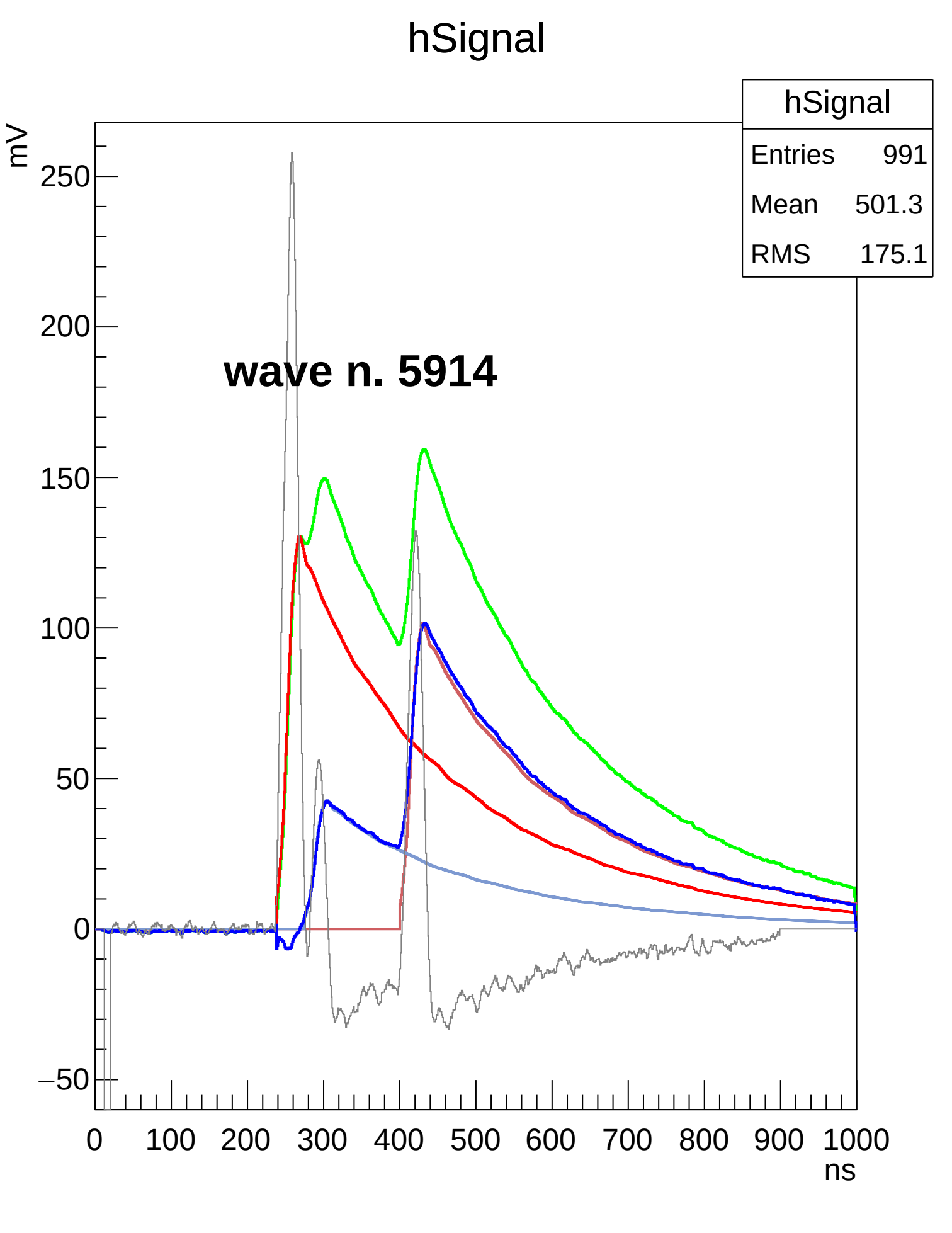
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 558.5
RMS 148.8
wave n. 5913
mV
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 501.3
RMS 175.1
wave n. 5914
mV
250
200
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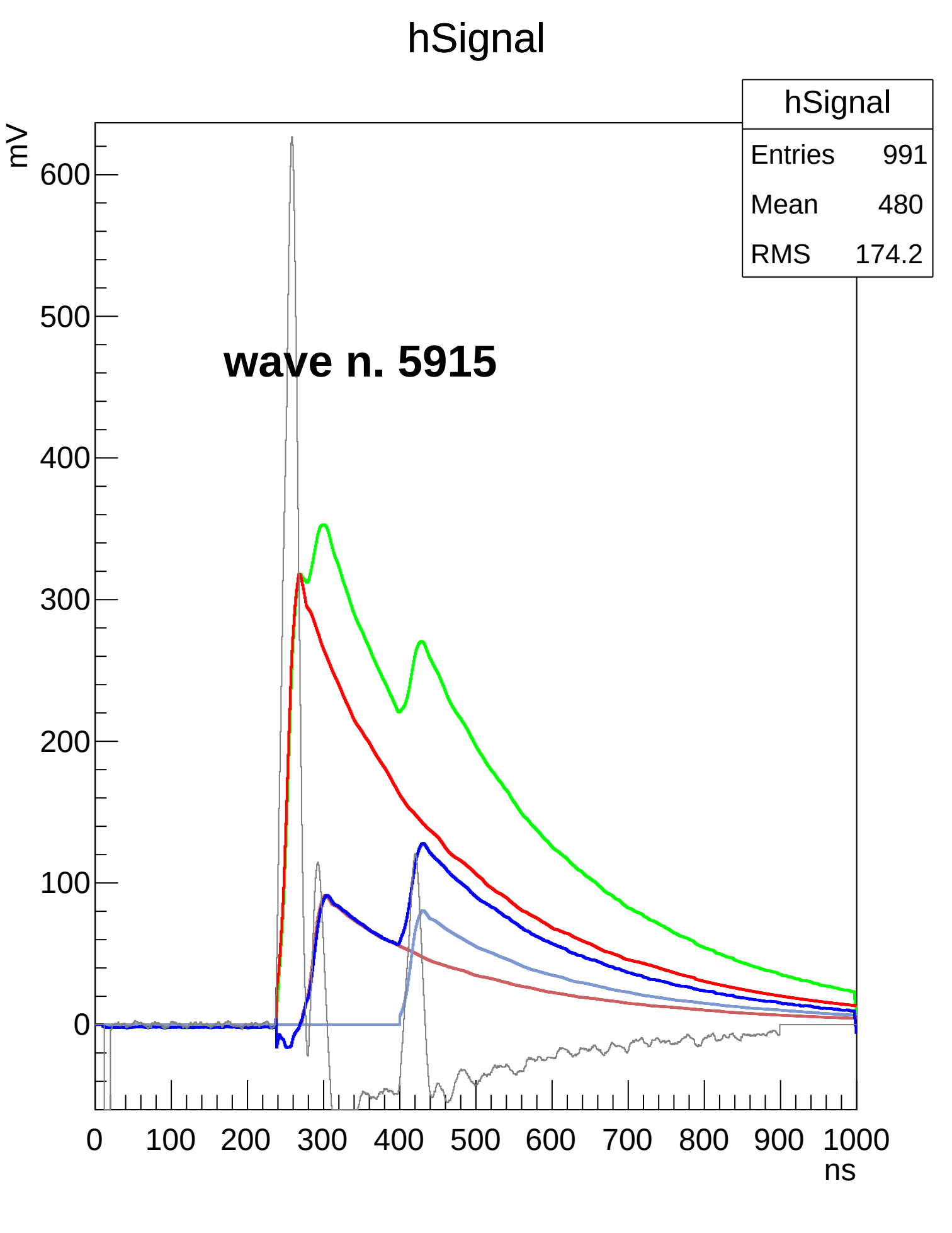
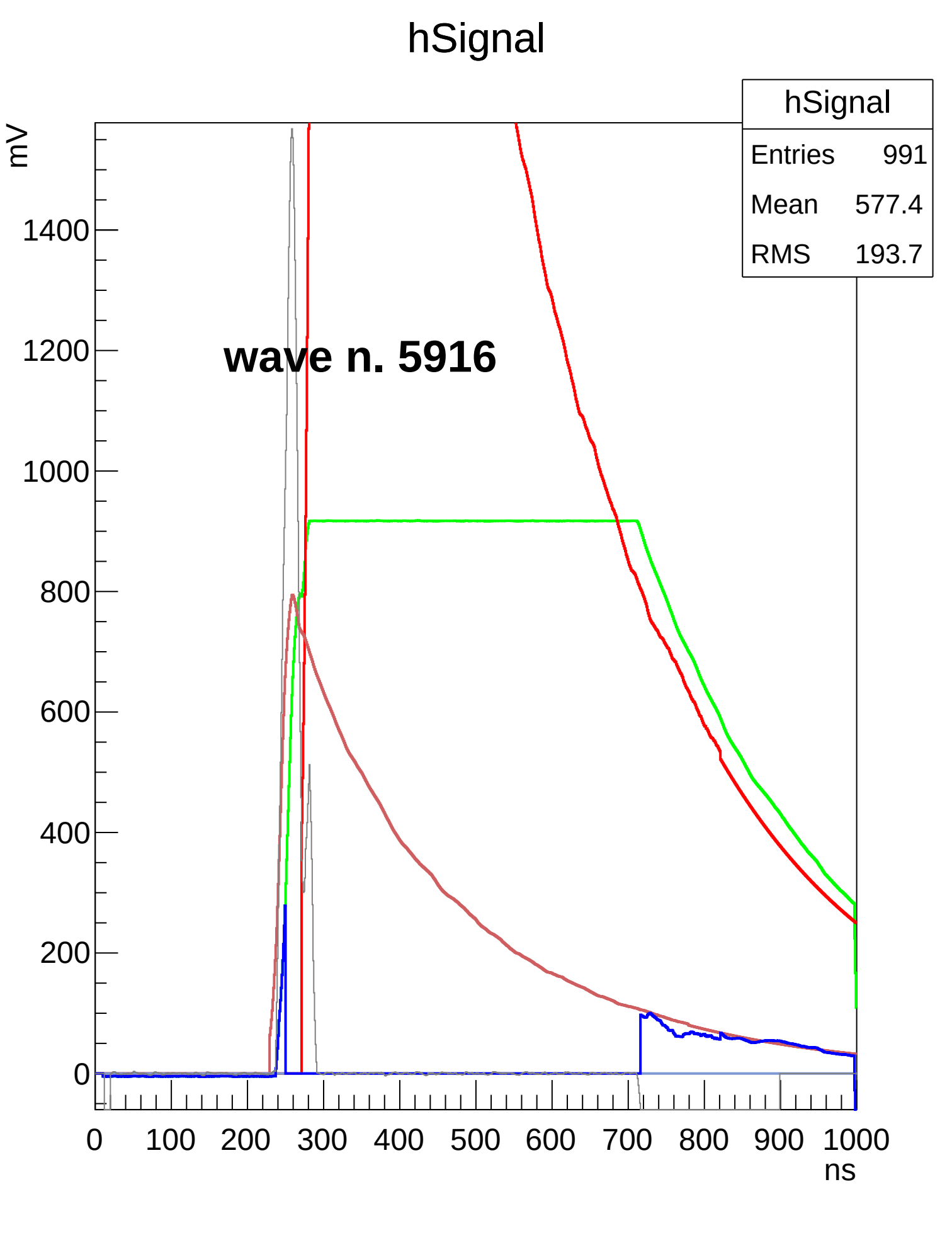
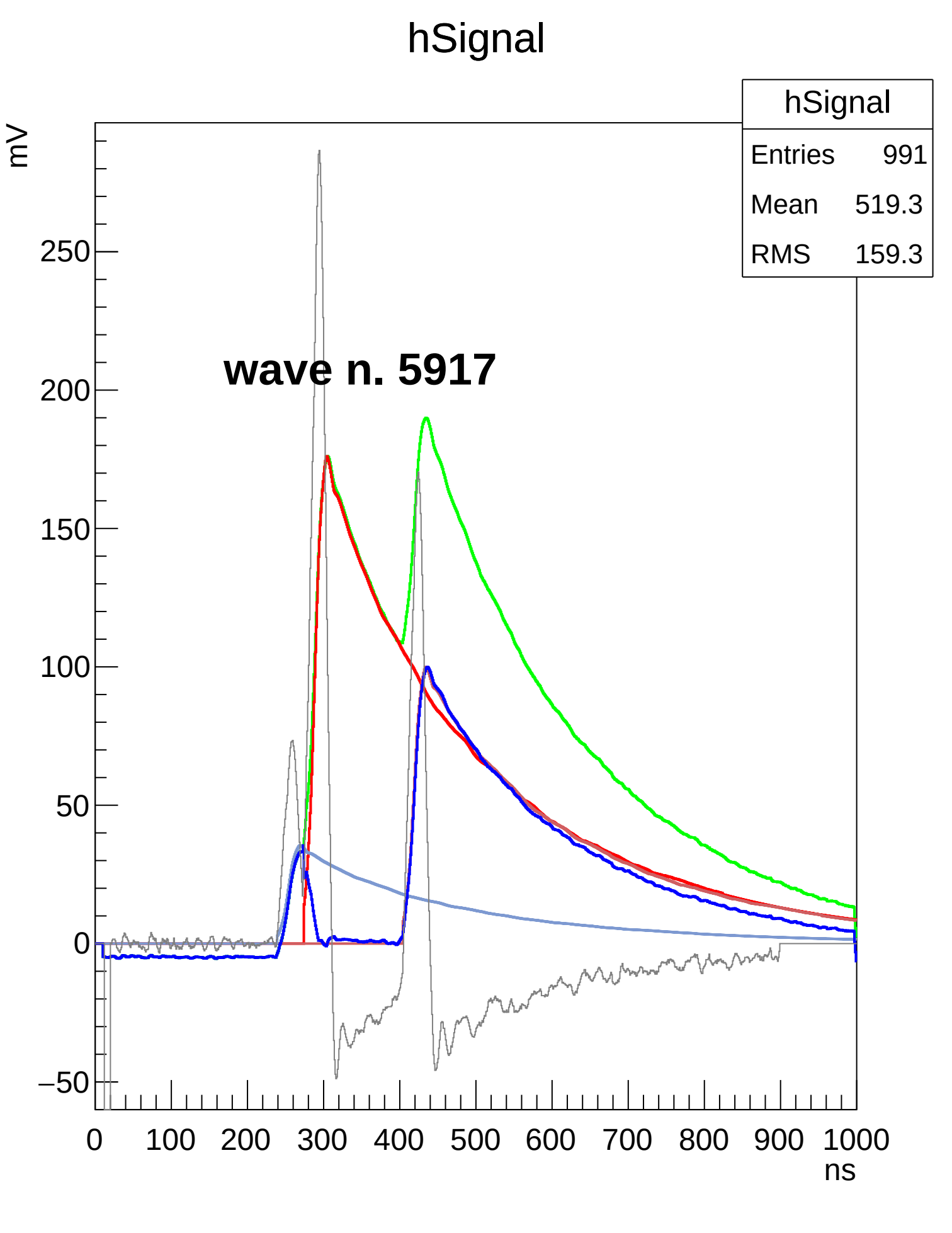
100
50
0
−50
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 480
RMS 174.2
wave n. 5915
mV
600
500
400
300
200
100
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 577.4
RMS 193.7
wave n. 5916
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.3
RMS 159.3
wave n. 5917
mV
250
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100
50
0
−50
0
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200
300
400
500
600
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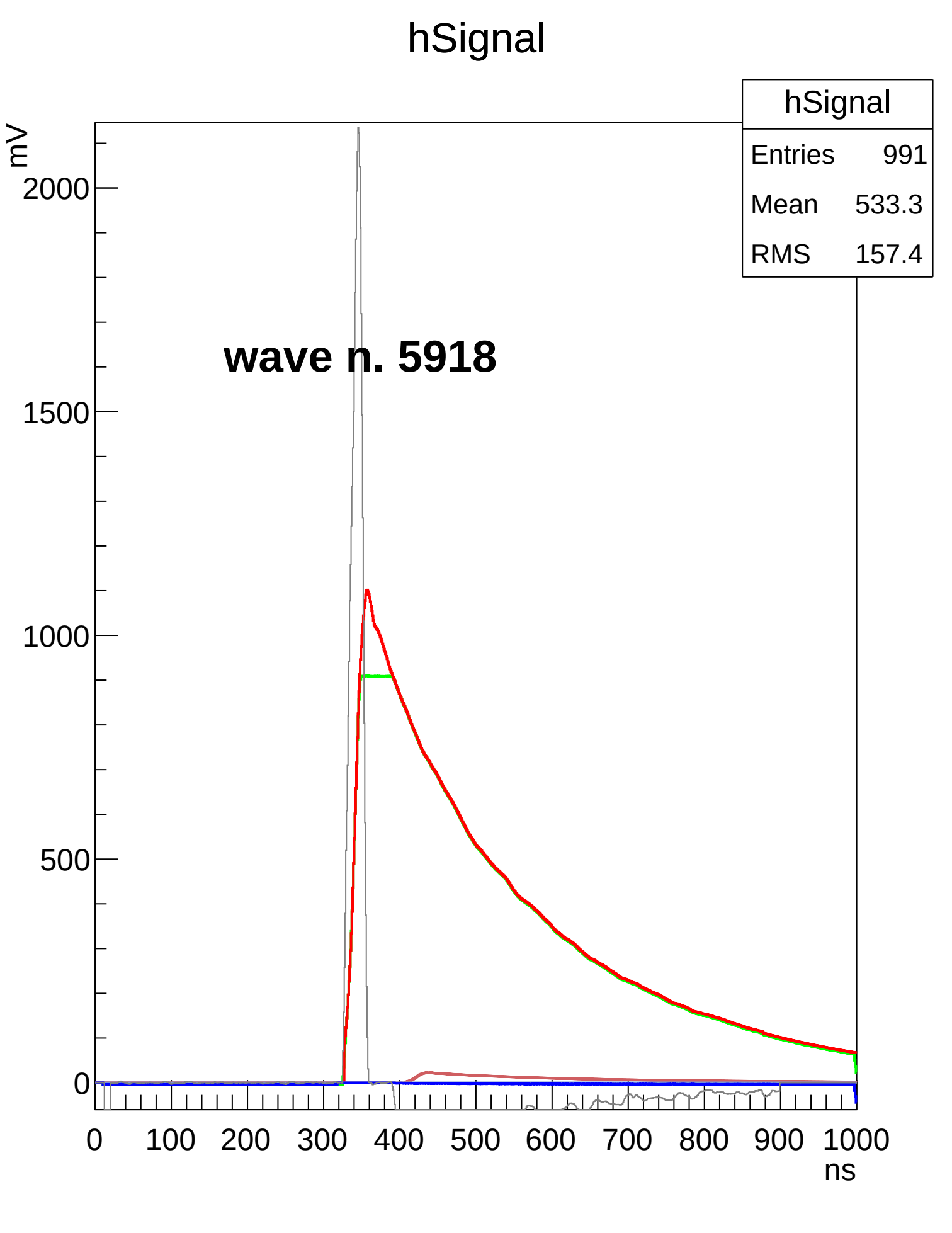
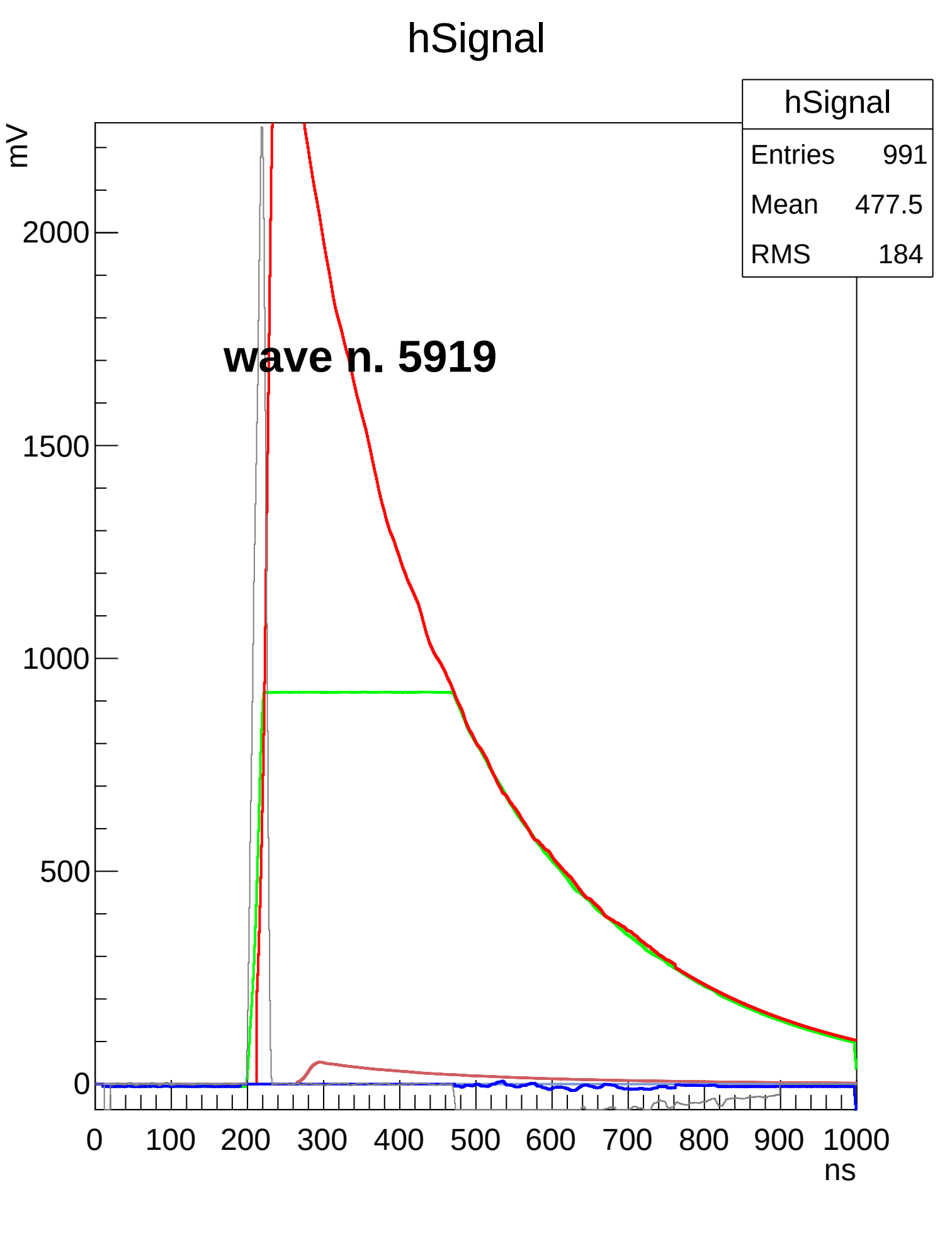
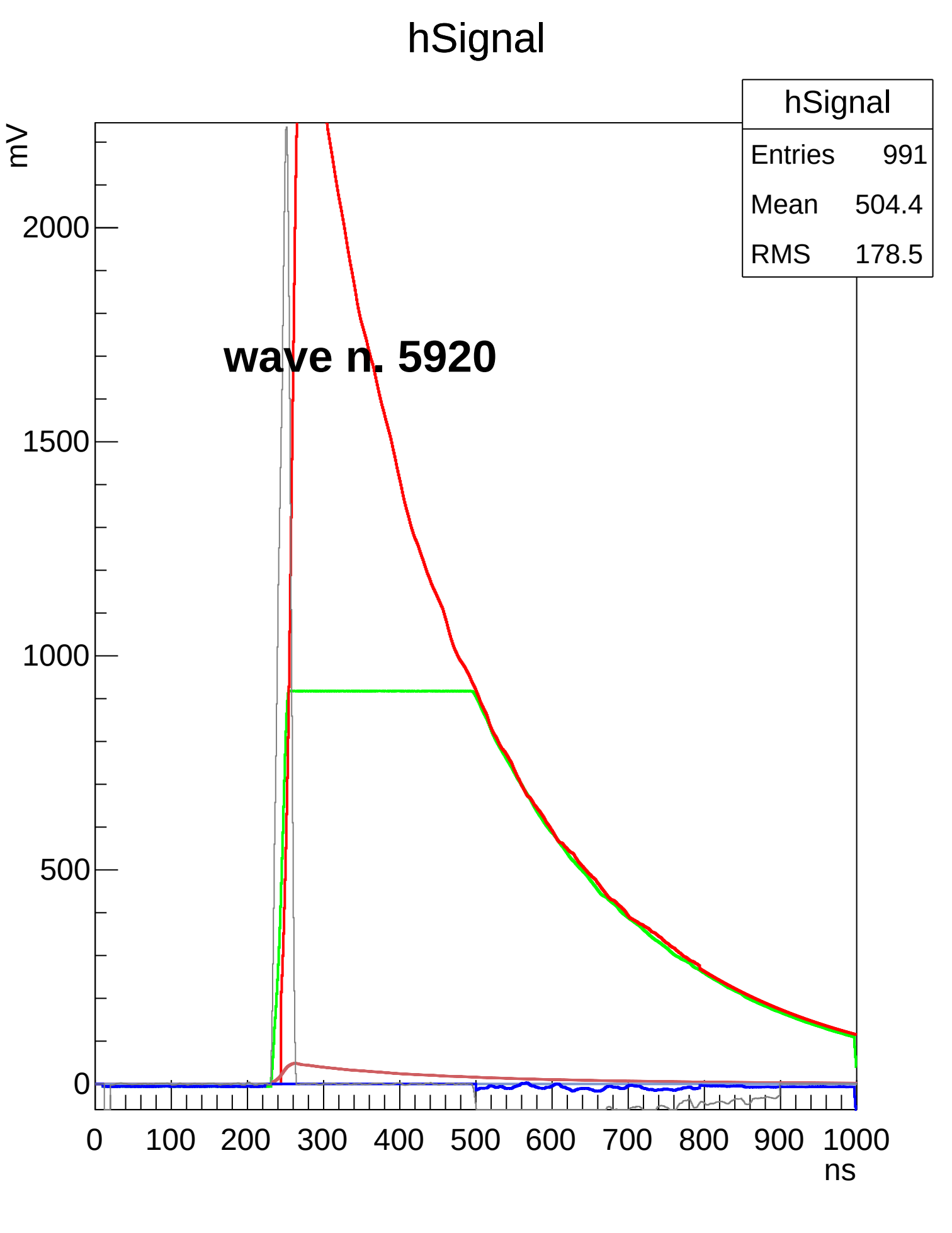
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 533.3
RMS 157.4
wave n. 5918
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 477.5
RMS 184
wave n. 5919
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 504.4
RMS 178.5
wave n. 5920
mV
2000
1500
1000
500
0
0
100
200
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400
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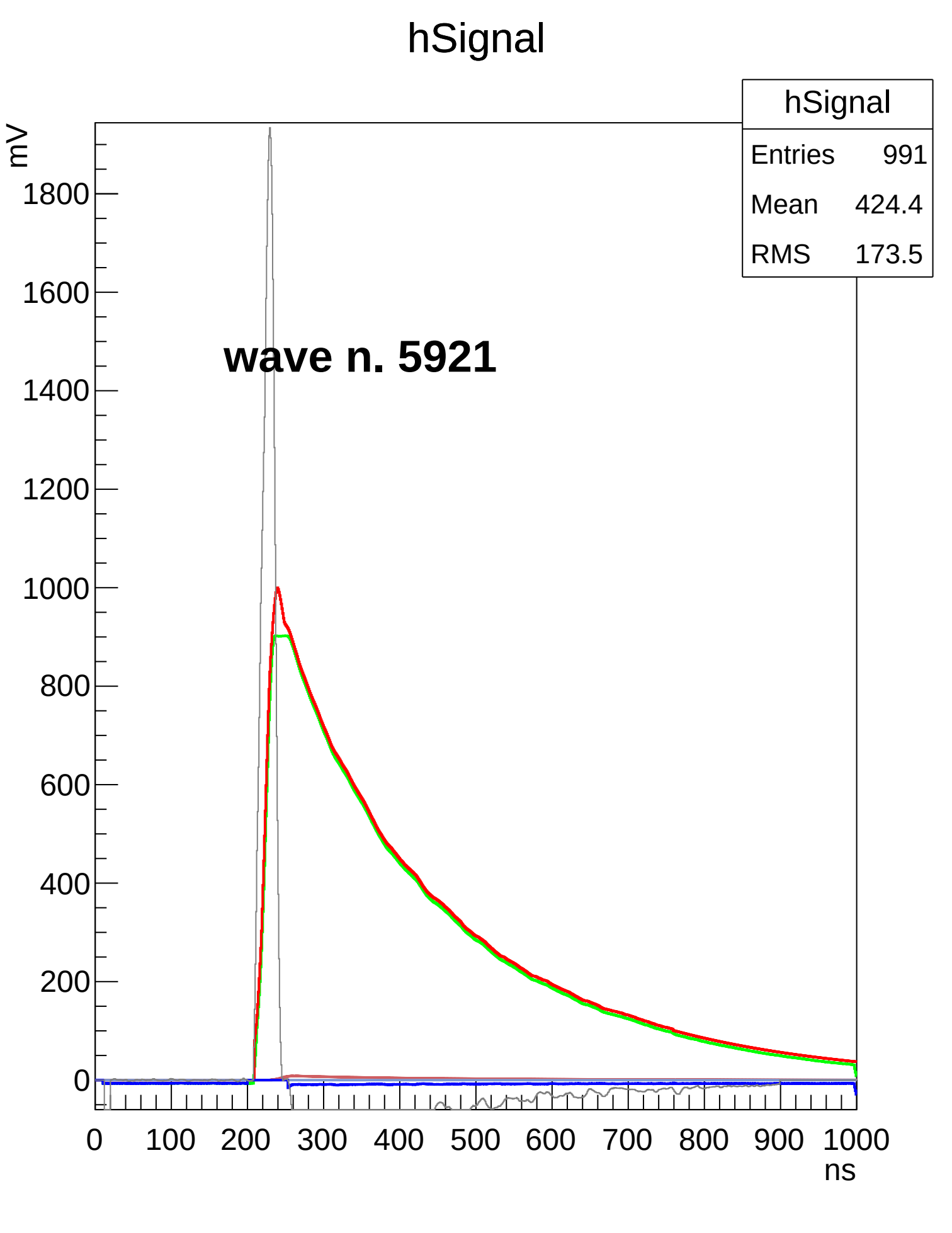
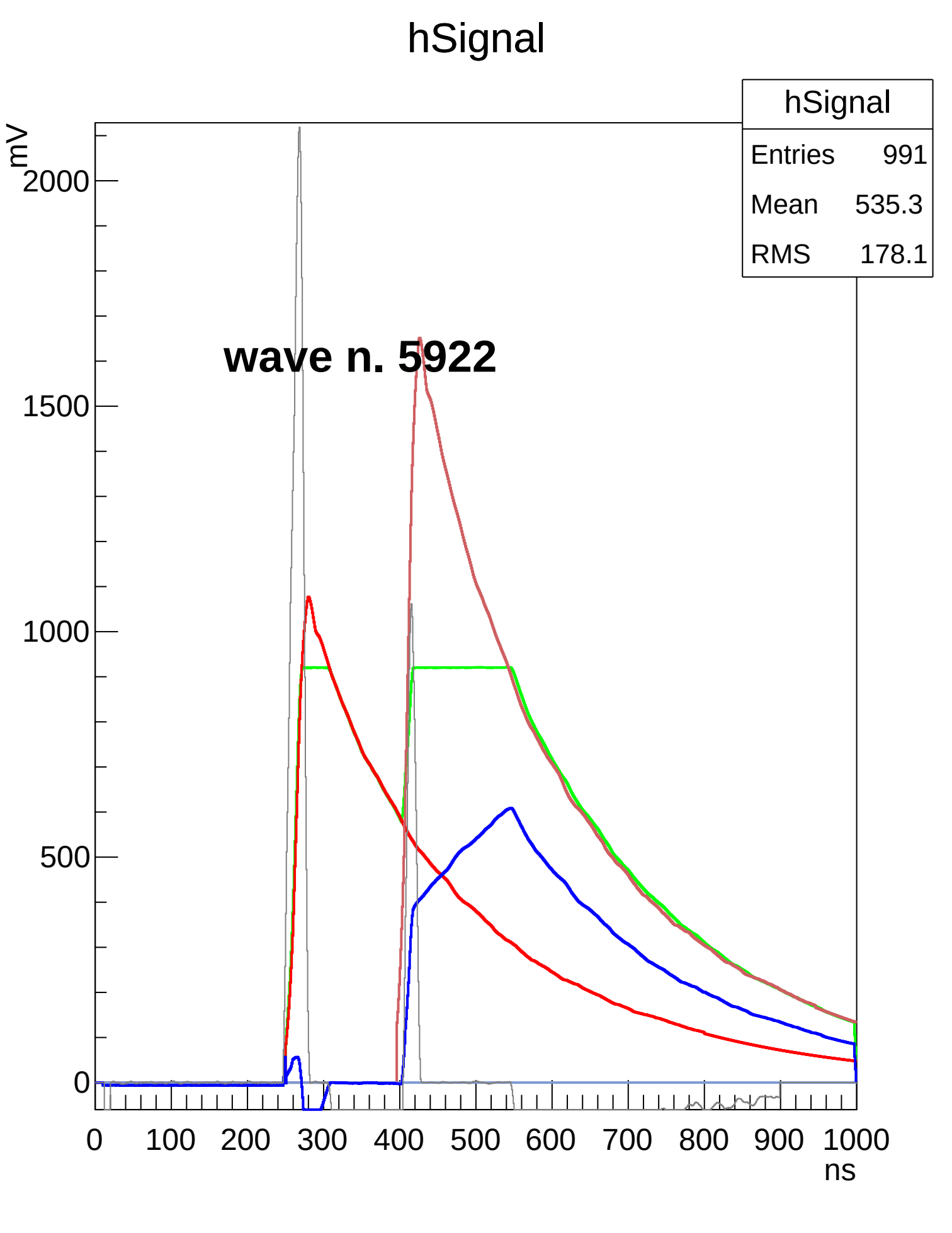
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 424.4
RMS 173.5
wave n. 5921
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 535.3
RMS 178.1
wave n. 5922
mV
2000
1500
1000
500
0
0
100
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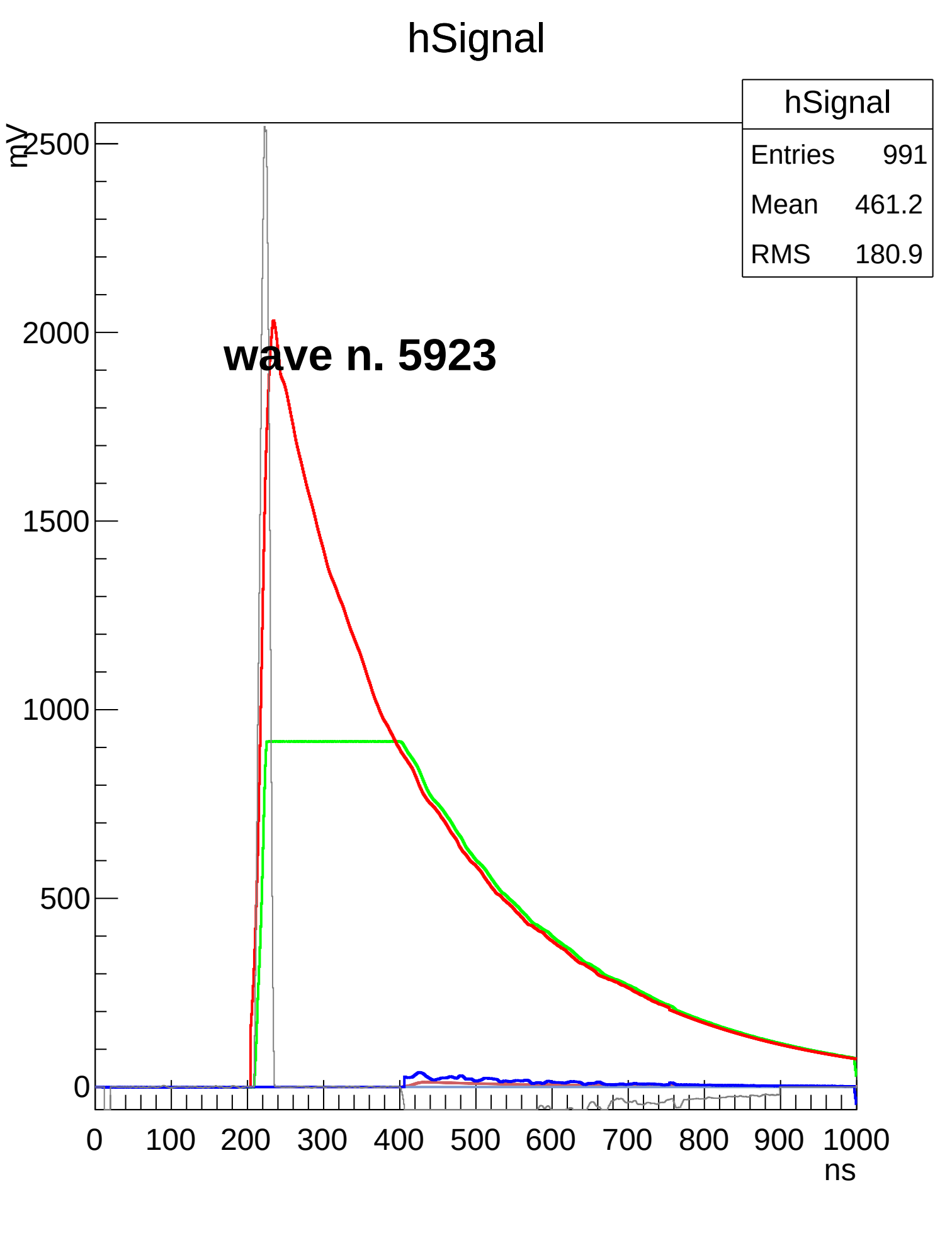
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 461.2
RMS 180.9
wave n. 5923
mV
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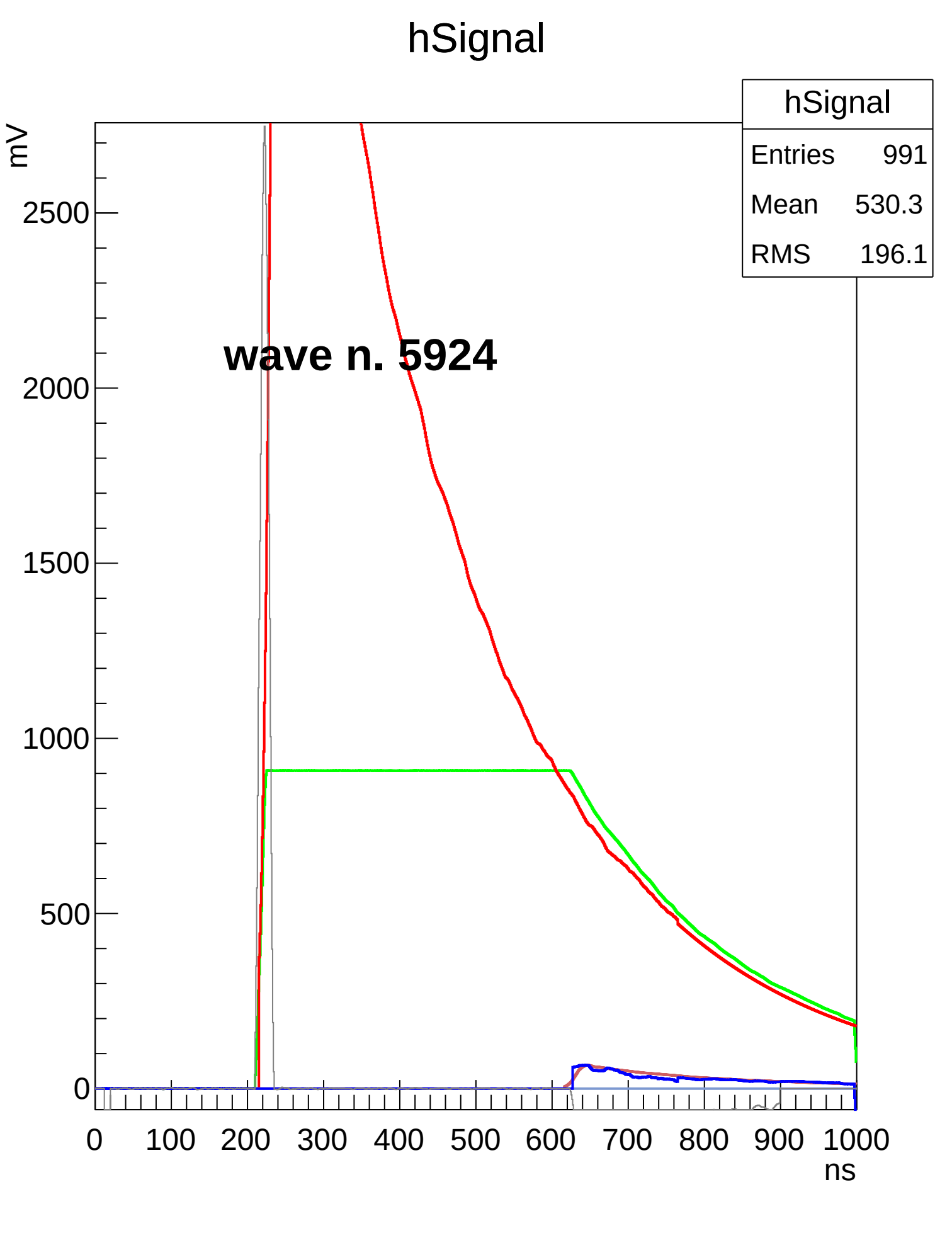
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 530.3
RMS 196.1
wave n. 5924
mV
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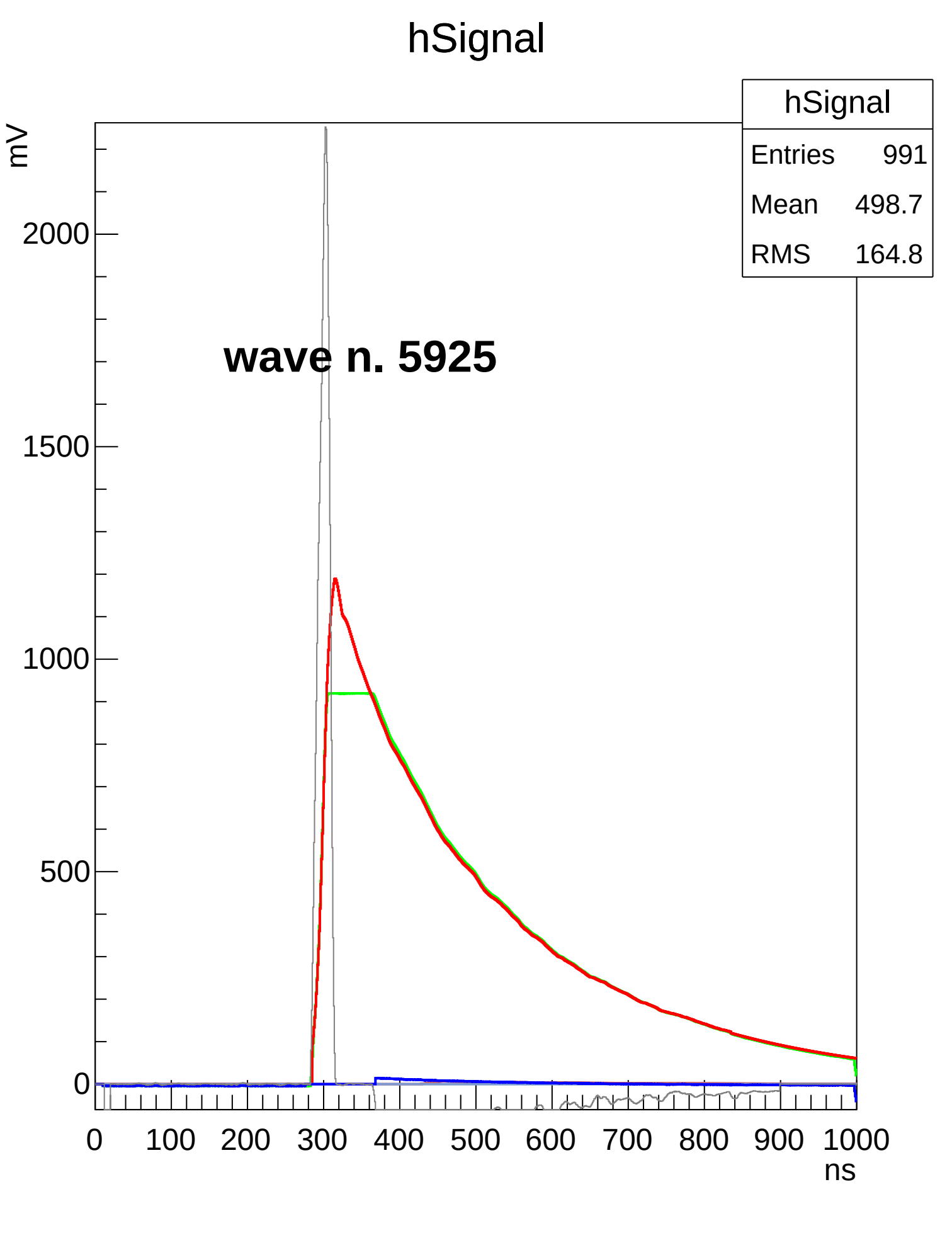
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 498.7
RMS 164.8
wave n. 5925
mV
2000
1500
1000
500
0
0
100
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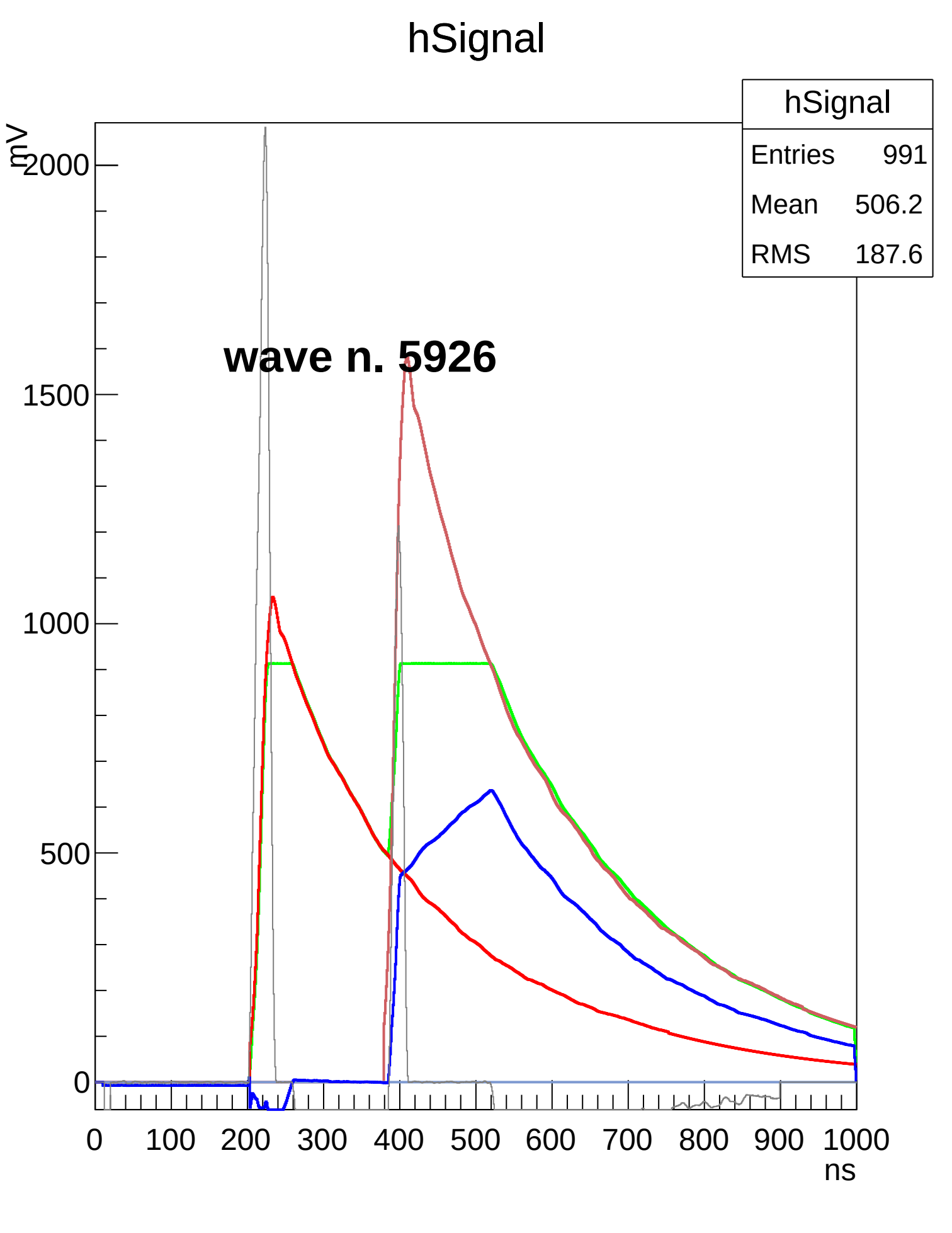
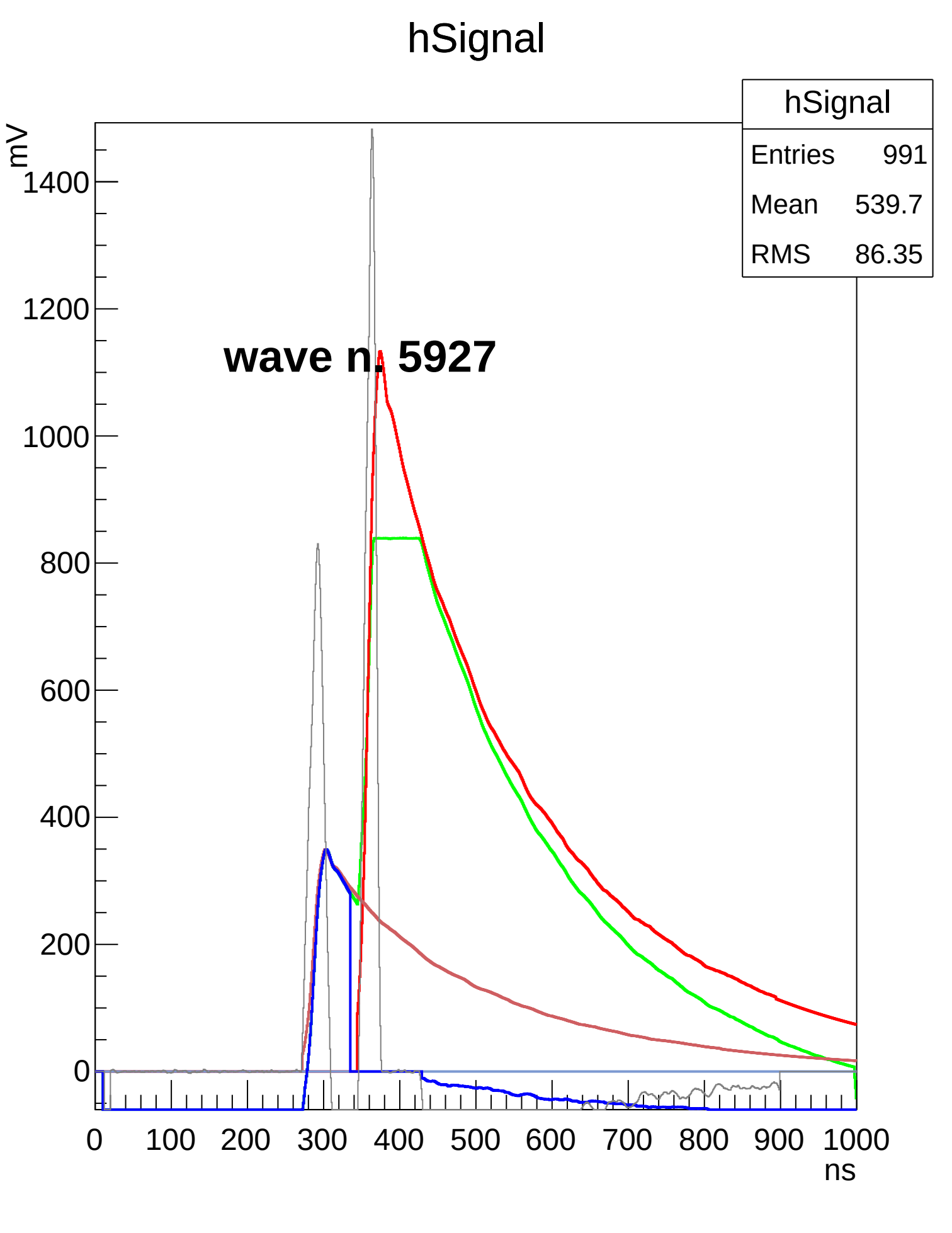
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 506.2
RMS 187.6
wave n. 5926
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 539.7
RMS 86.35
wave n. 5927
mV
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1200
1000
800
600
400
200
0
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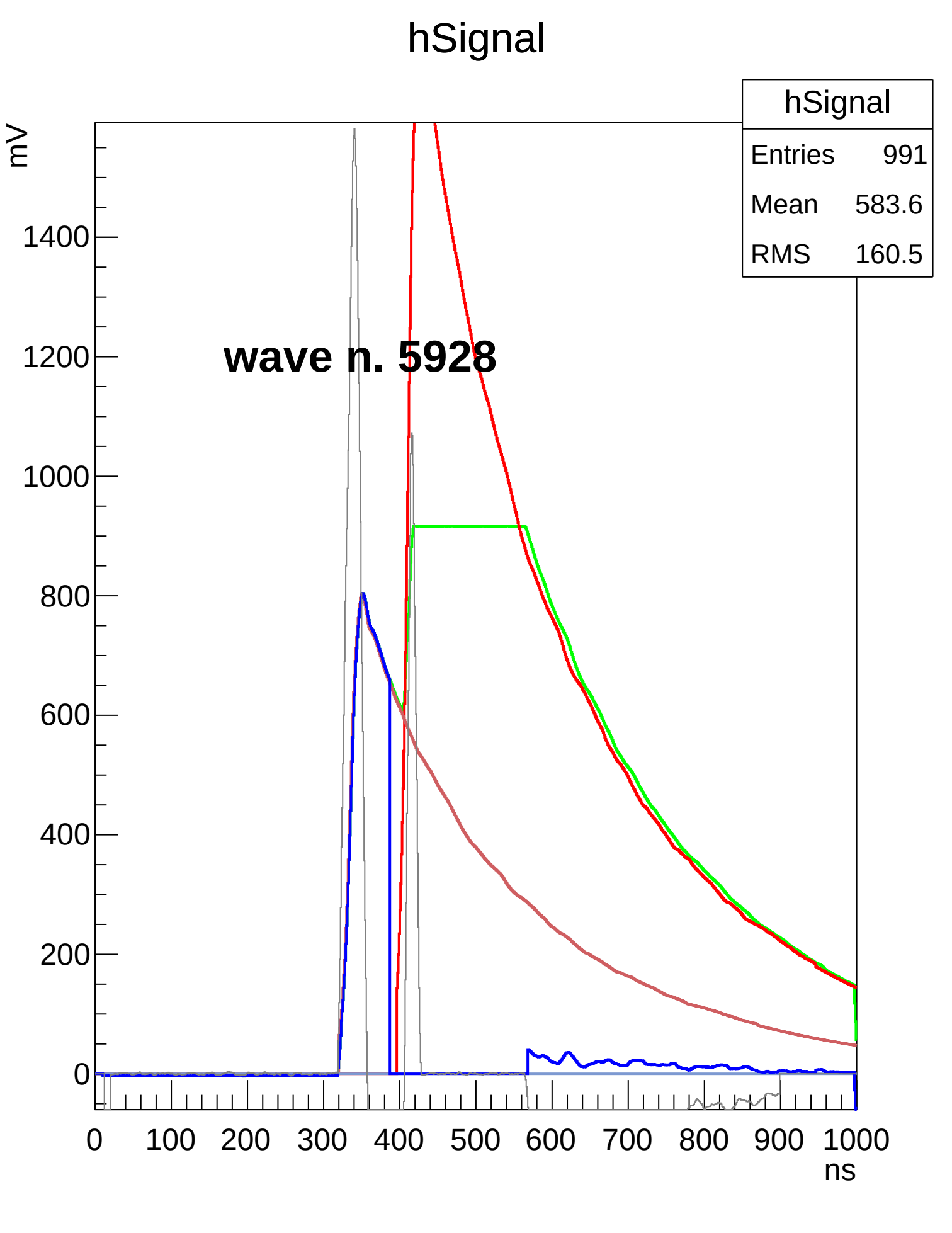
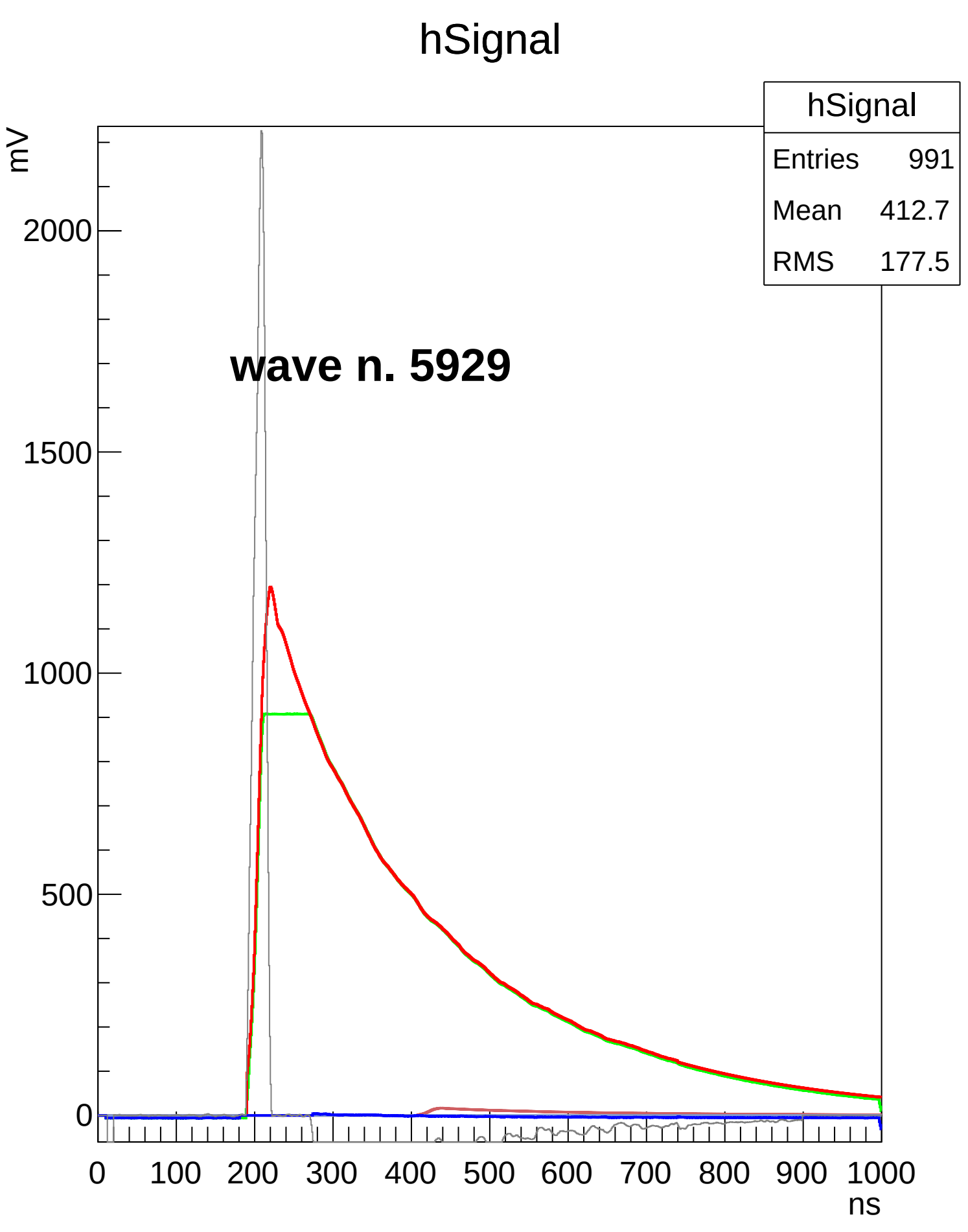
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 583.6
RMS 160.5
wave n. 5928
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 412.7
RMS 177.5
wave n. 5929
mV
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1000
500
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0
100
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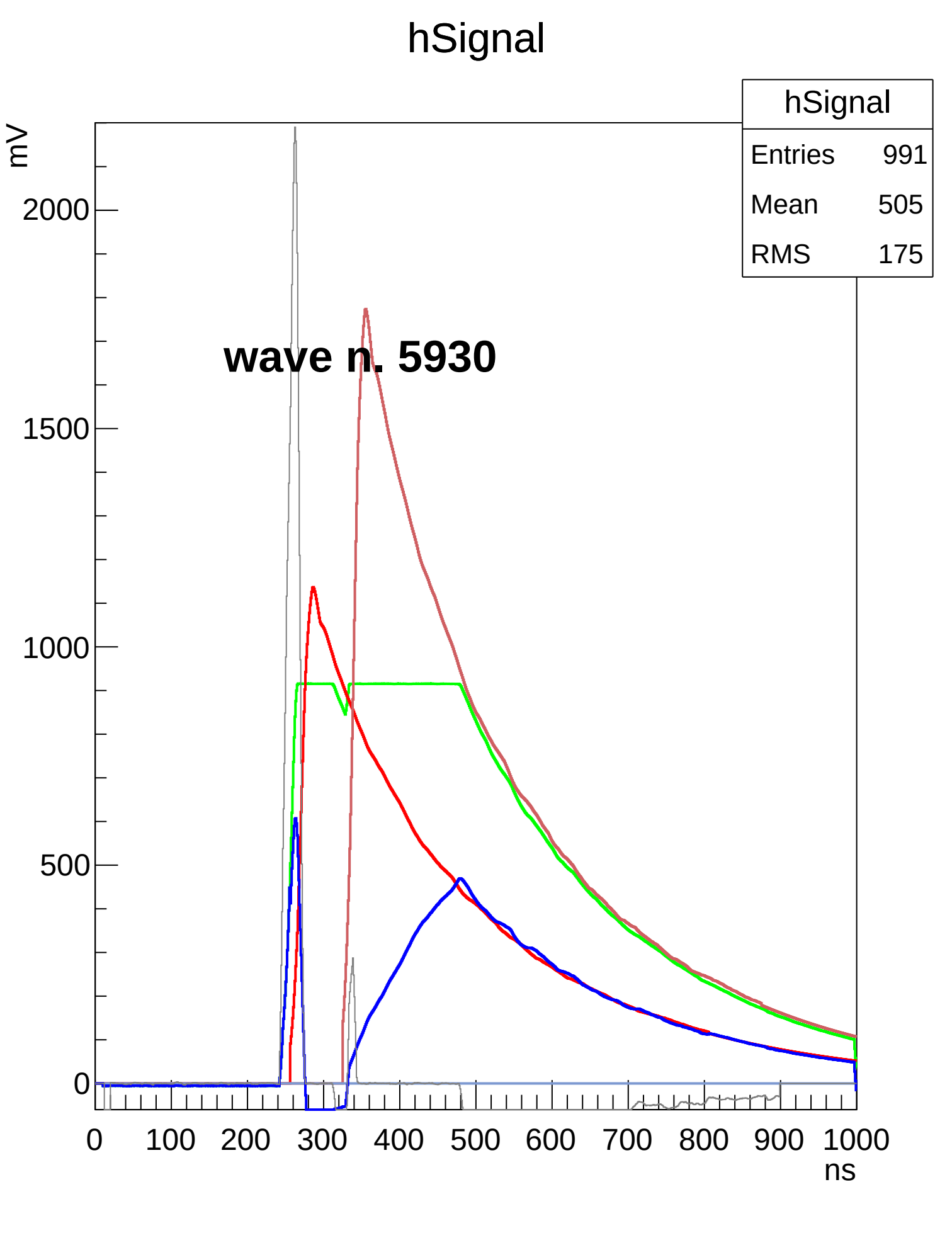
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 505
RMS 175
wave n. 5930
mV
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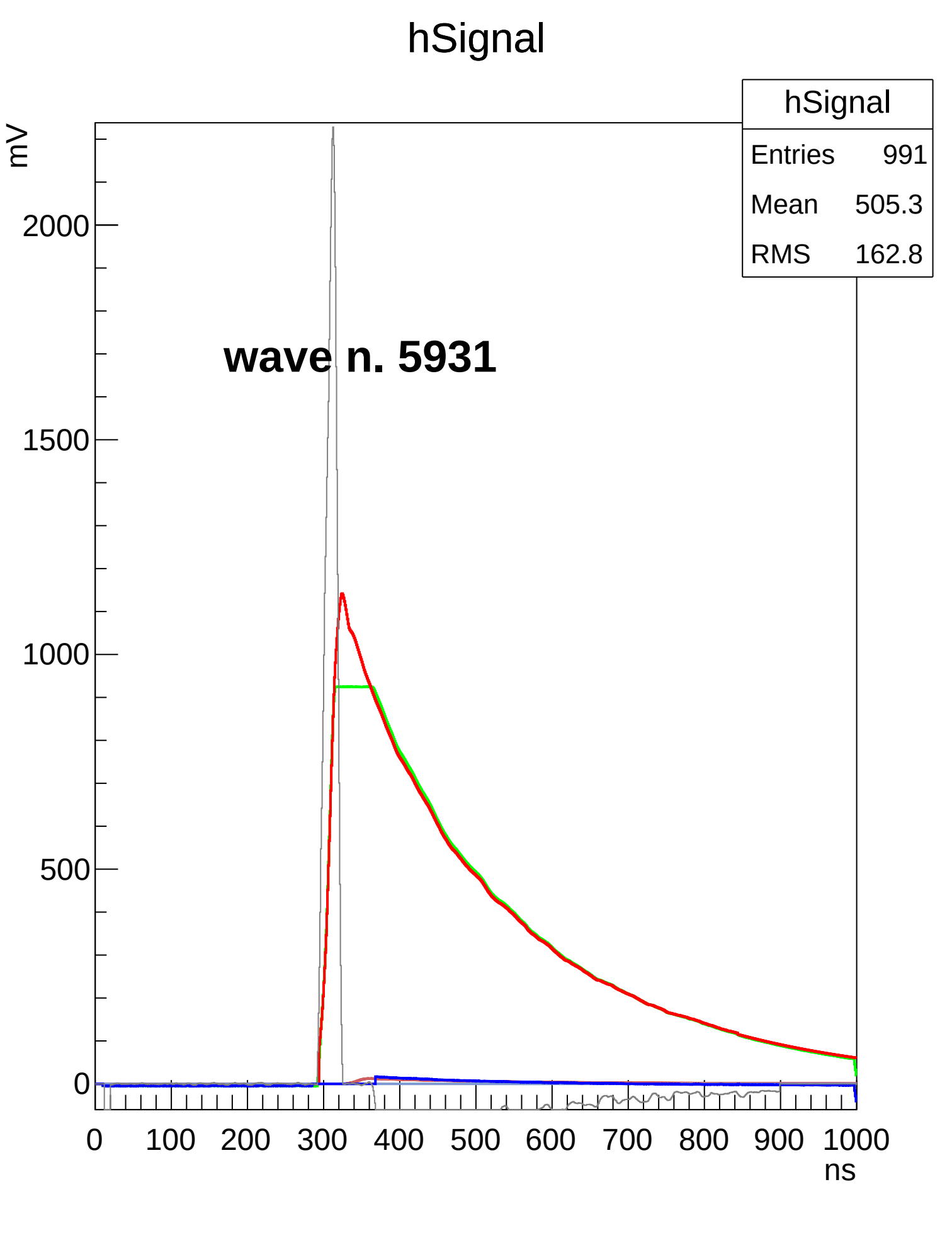
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 505.3
RMS 162.8
wave n. 5931
mV
2000
1500
1000
500
0
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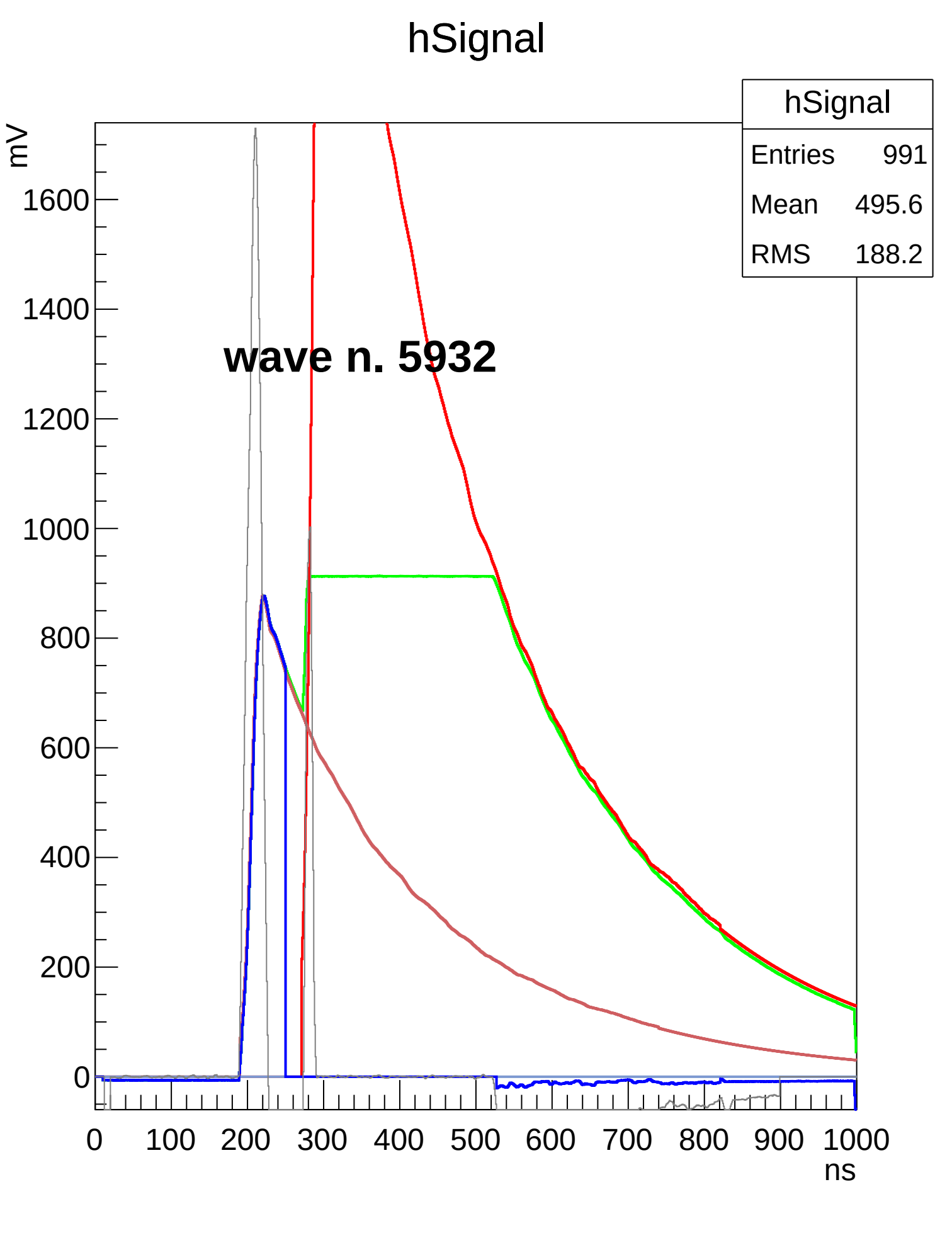
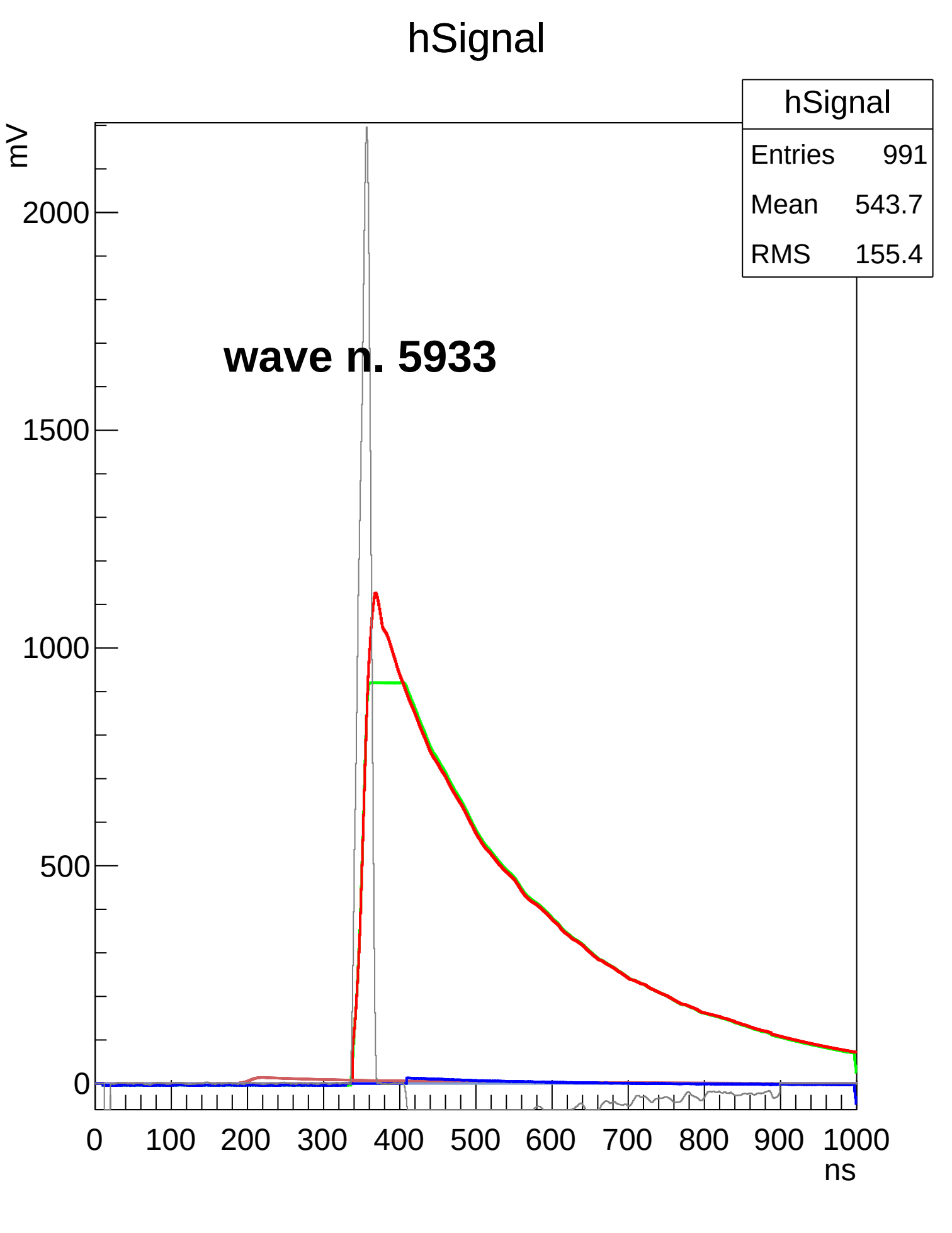
ns


hSignal
hSignal
Entries 991
Mean 495.6
RMS 188.2
wave n. 5932
mV
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 543.7
RMS 155.4
wave n. 5933
mV
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1000
500
0
0
100
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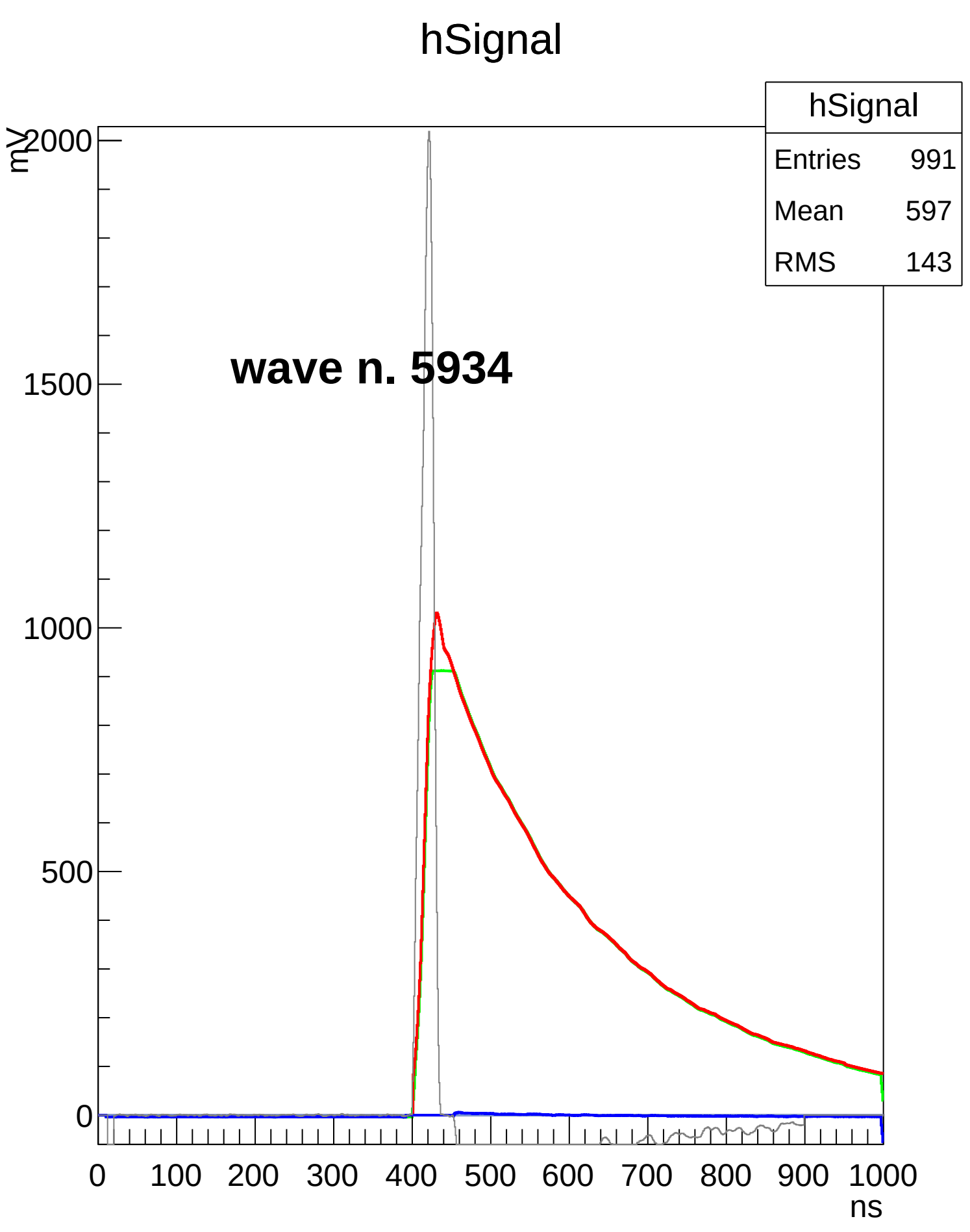
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 597
RMS 143
wave n. 5934
mV
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1500
1000
500
0
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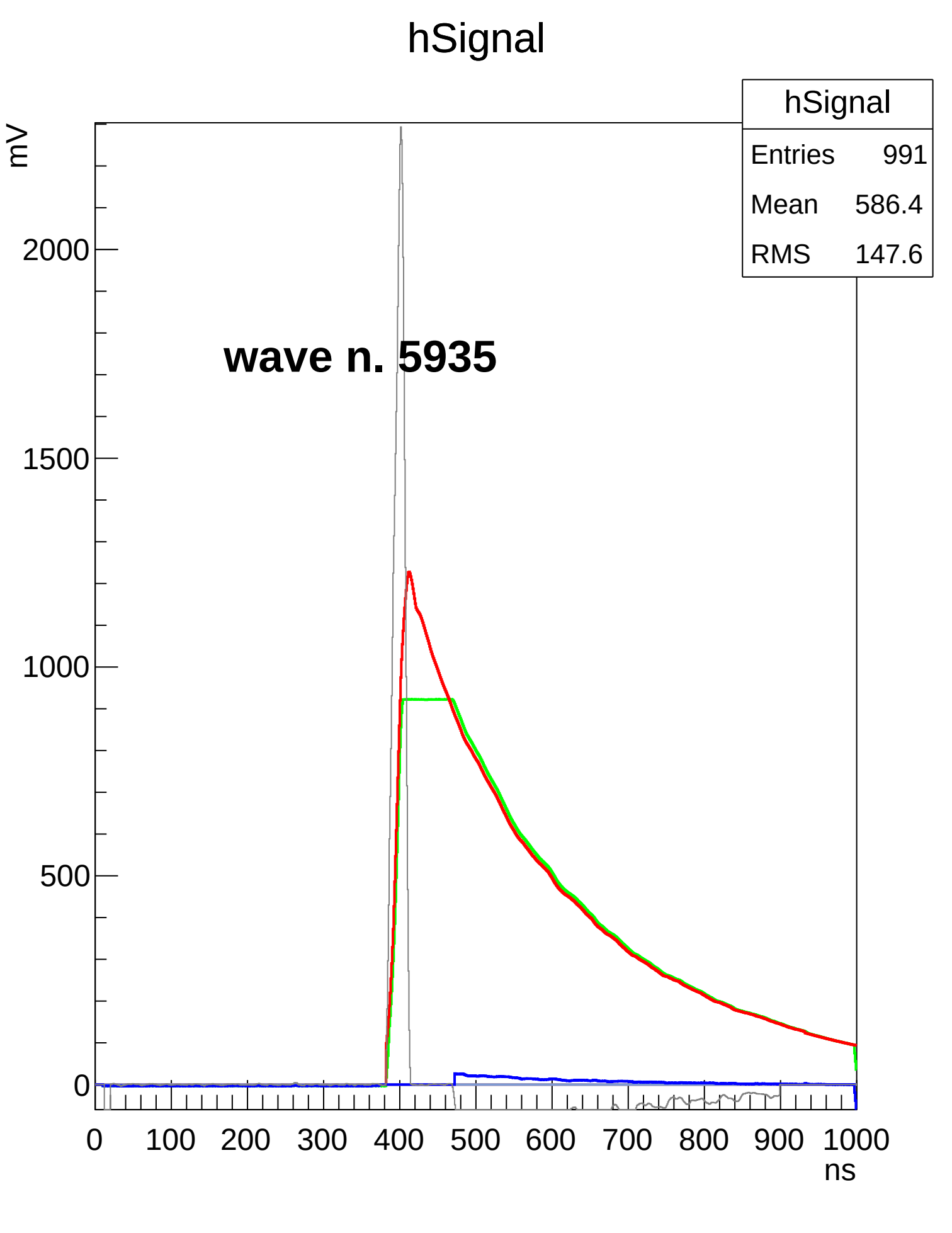
ns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hSignal
Entries 991
Mean 586.4
RMS 147.6
wave n. 5935
mV
2000
1500
1000
500
0
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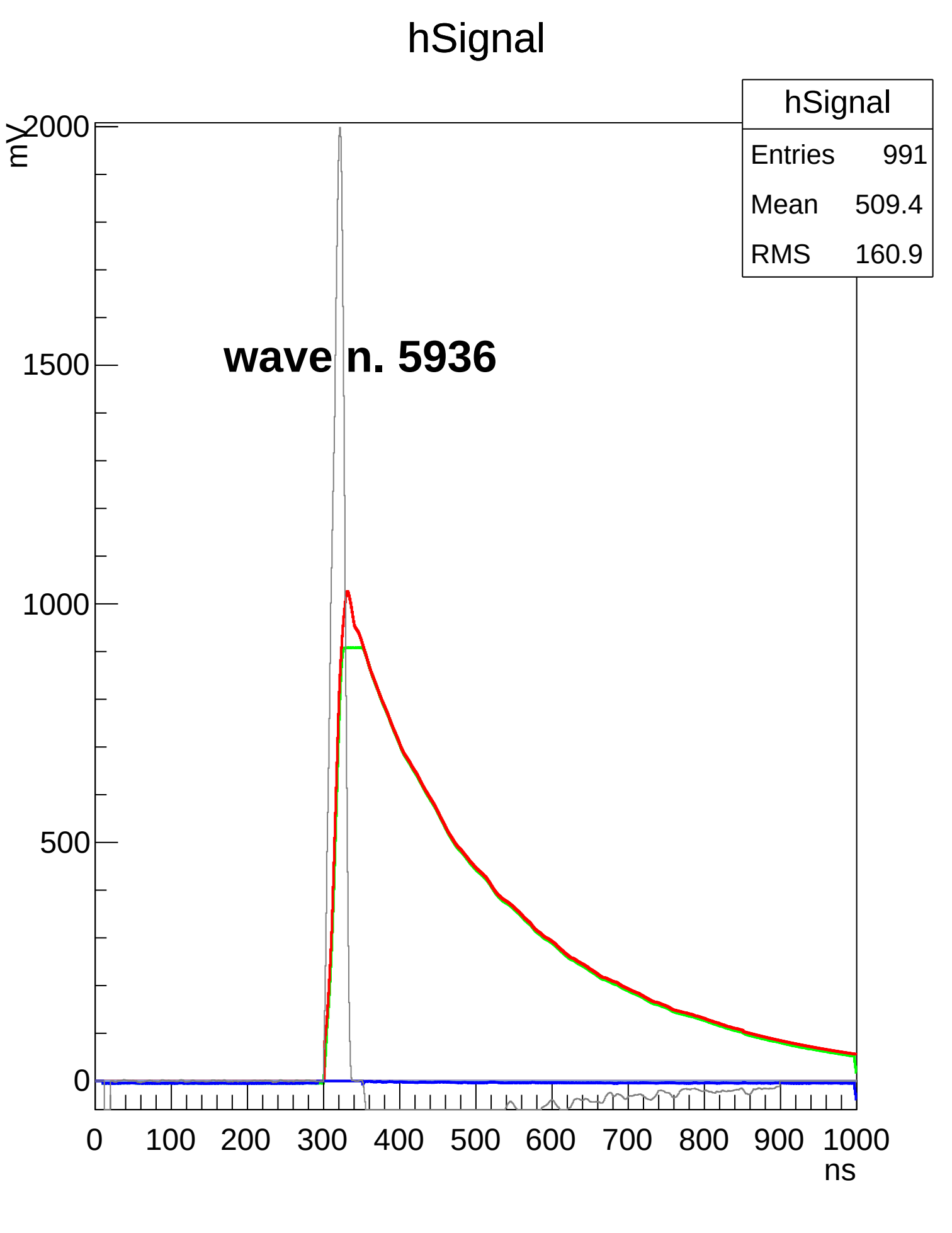
ns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hSignal
Entries 991
Mean 509.4
RMS 160.9
wave n. 5936
mV
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500
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100
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400
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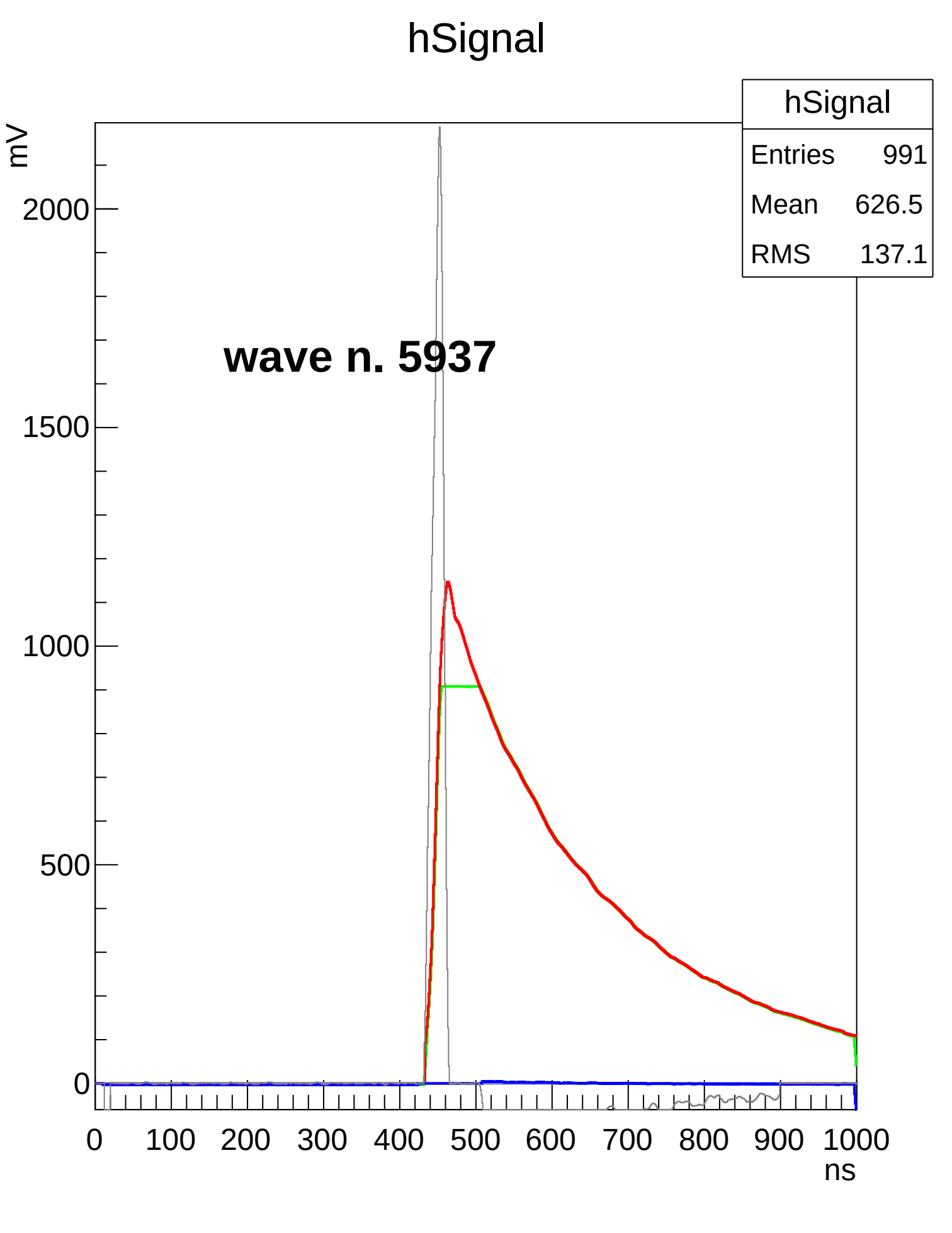
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 626.5
RMS 137.1
wave n. 5937
mV
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1500
1000
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0
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100
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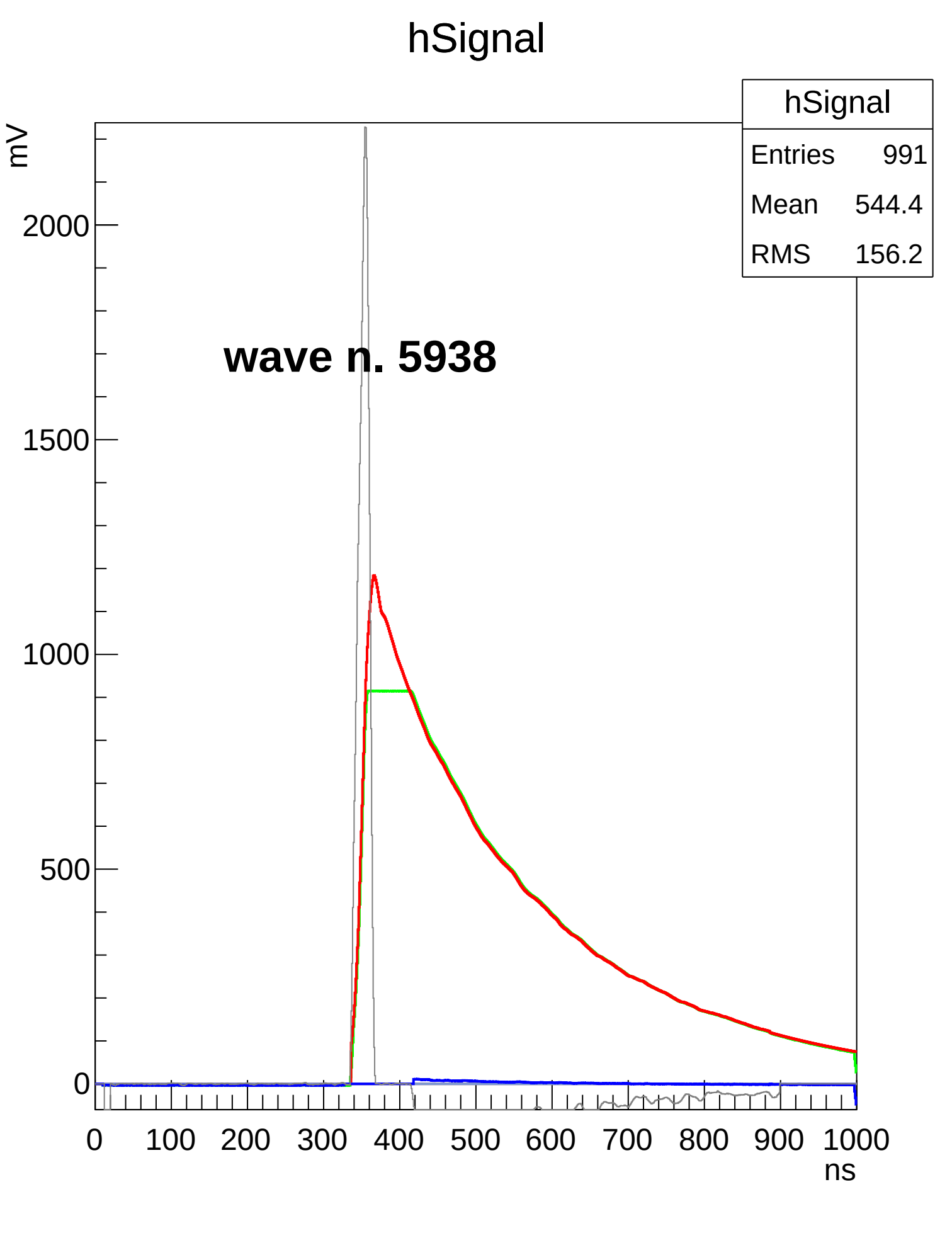
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 544.4
RMS 156.2
wave n. 5938
mV
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1000
500
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1000
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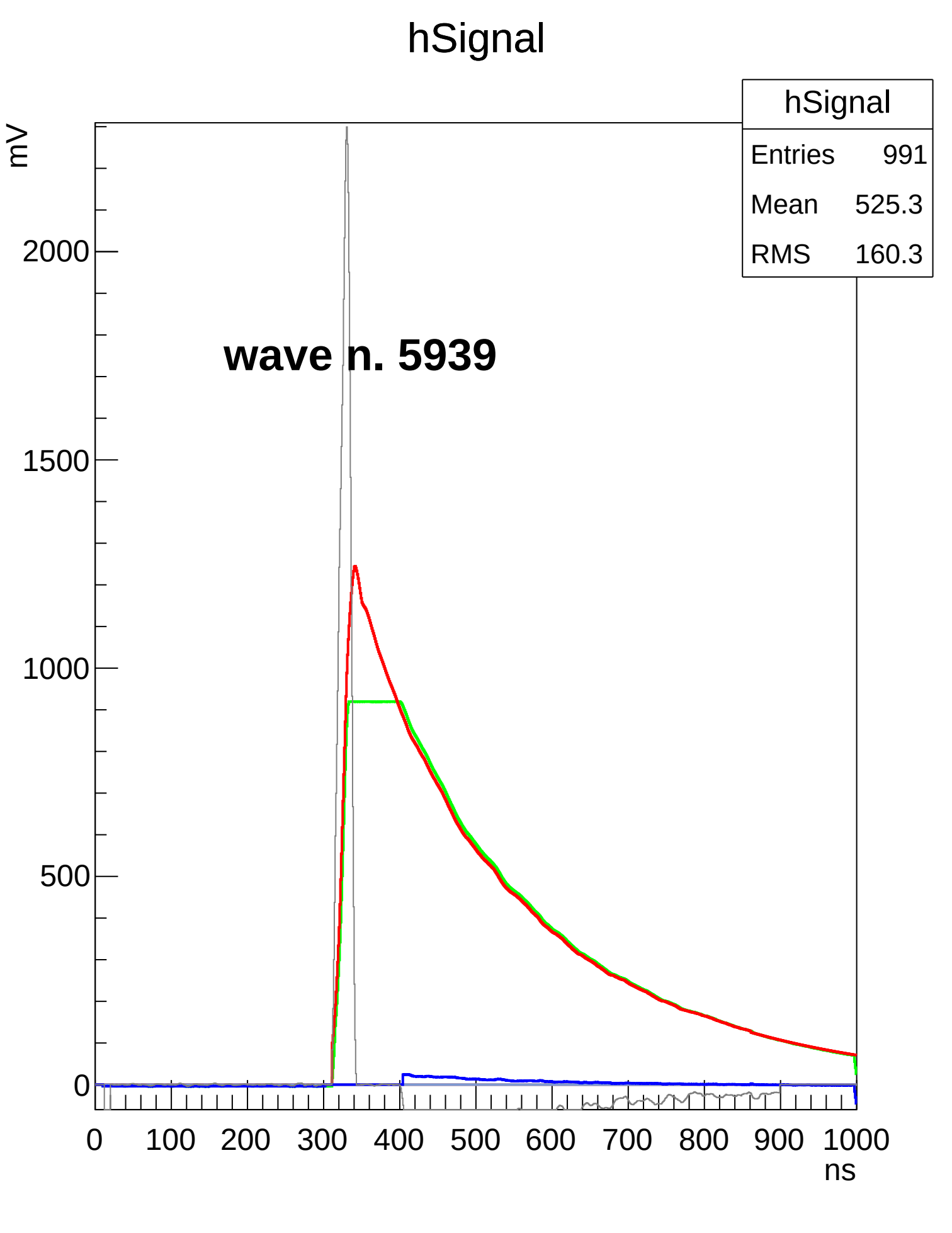
hSignal
hSignal
Entries 991
Mean 525.3
RMS 160.3
wave n. 5939
mV
2000
1500
1000
500
0
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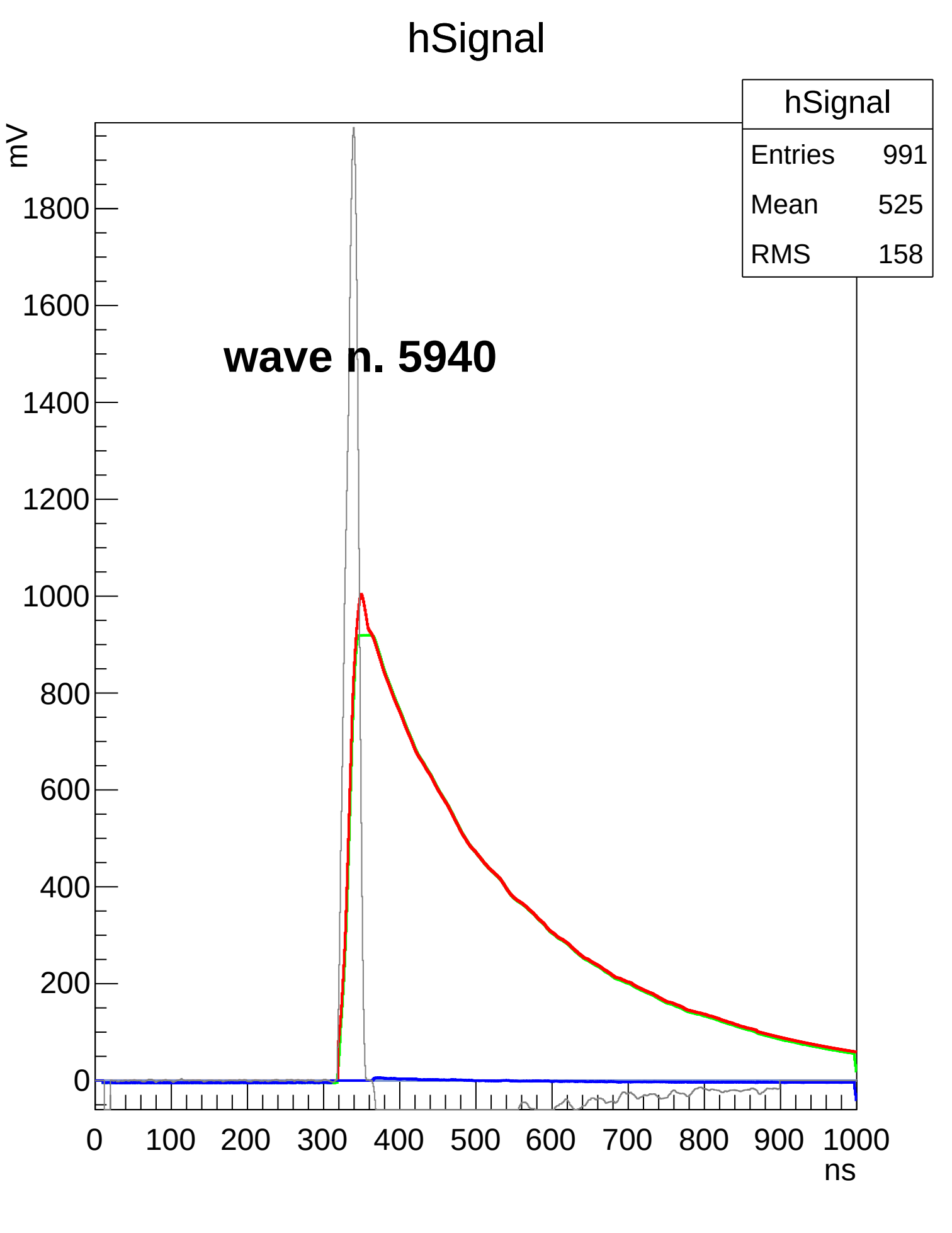
ns


hSignal
hSignal
Entries 991
Mean 525
RMS 158
wave n. 5940
mV
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1600
1400
1200
1000
800
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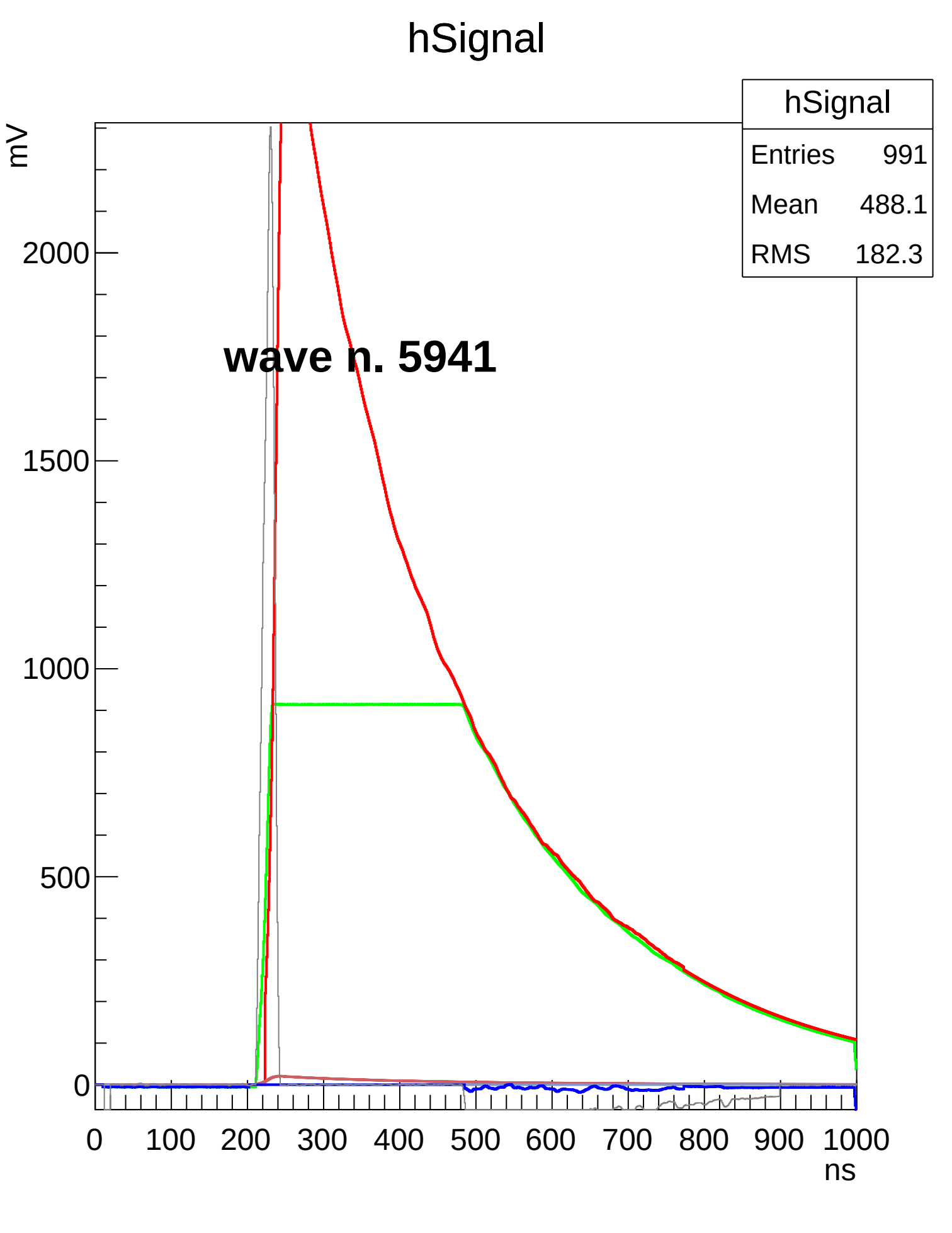
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 488.1
RMS 182.3
wave n. 5941
mV
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1500
1000
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0
100
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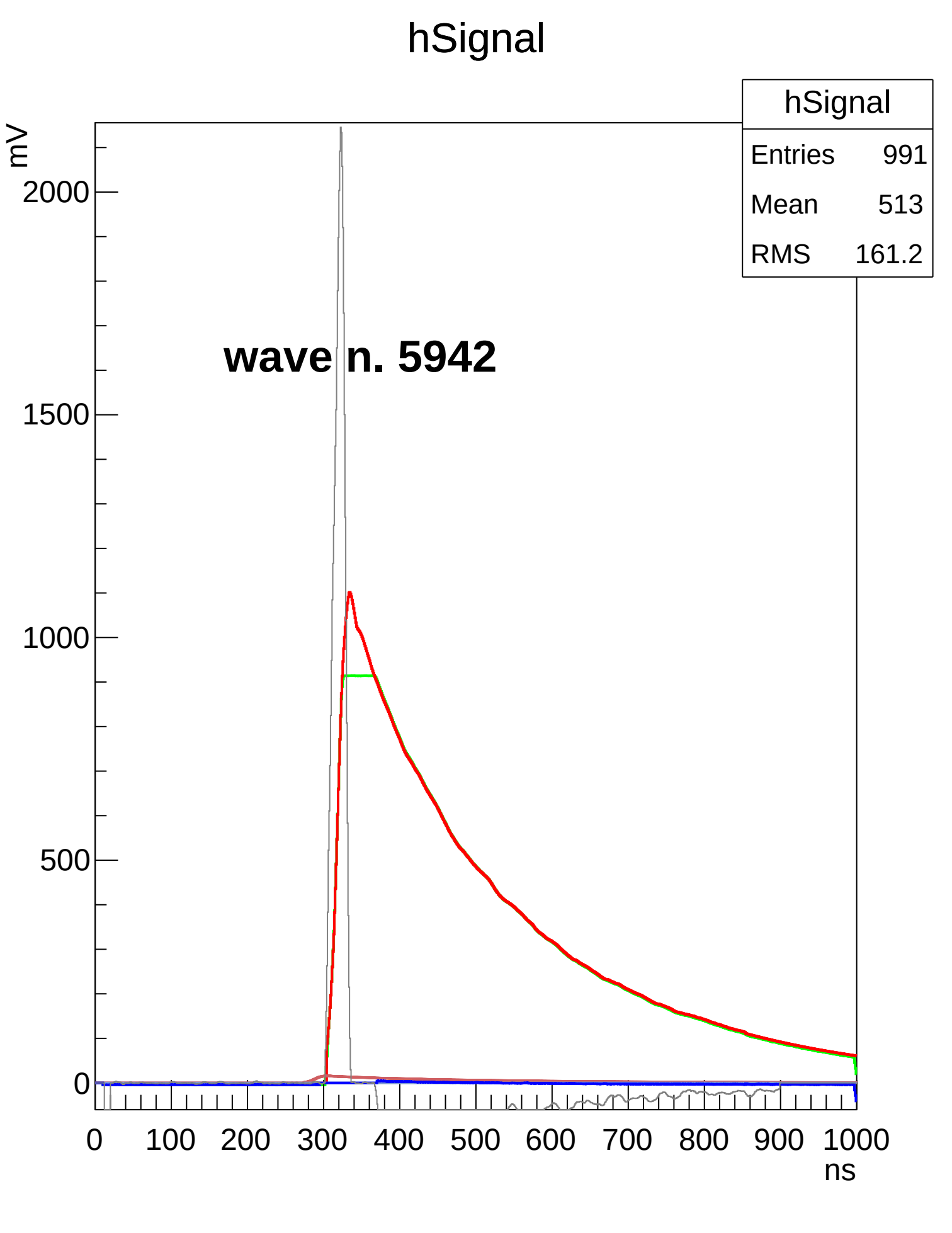
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 513
RMS 161.2
wave n. 5942
mV
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1500
1000
500
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100
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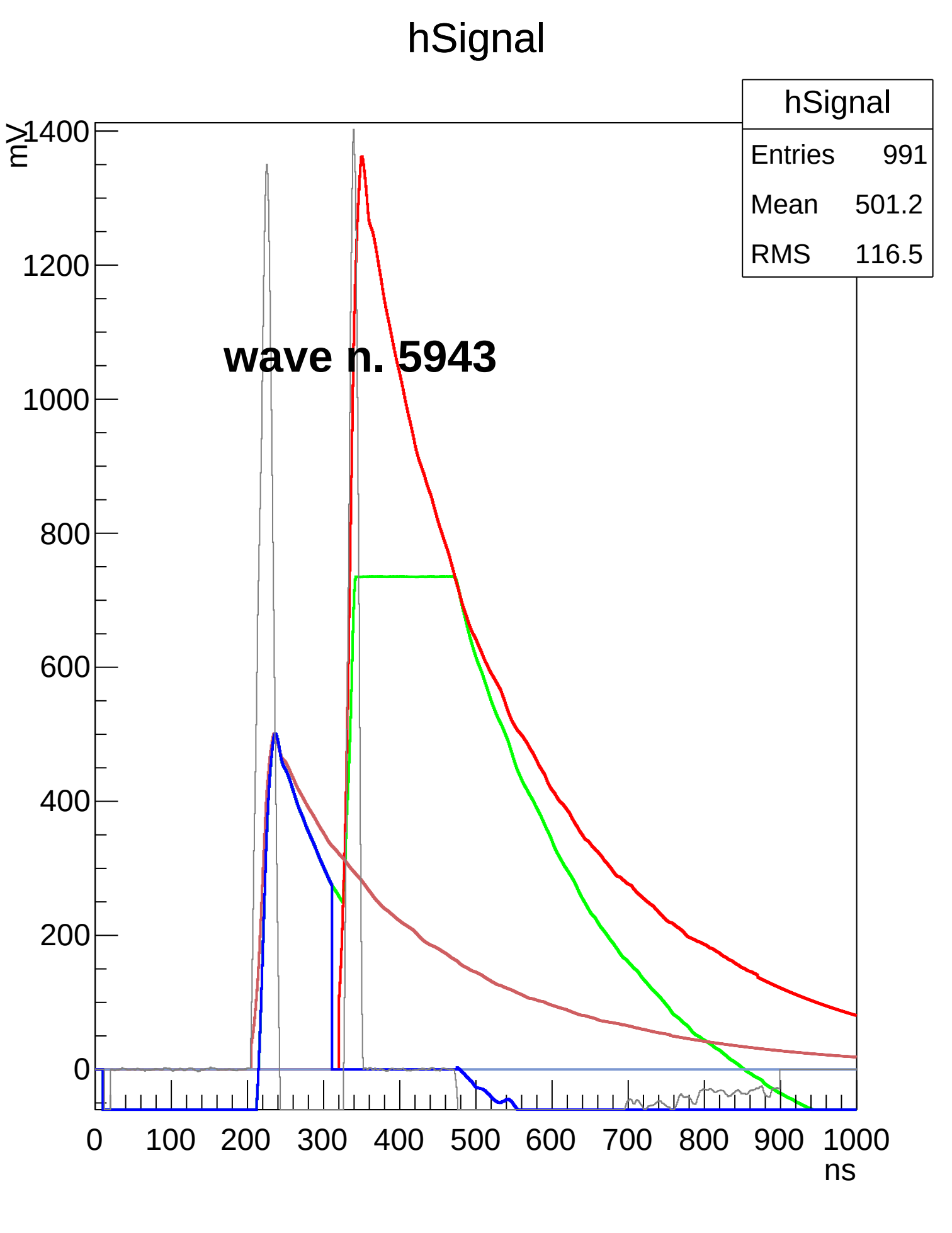
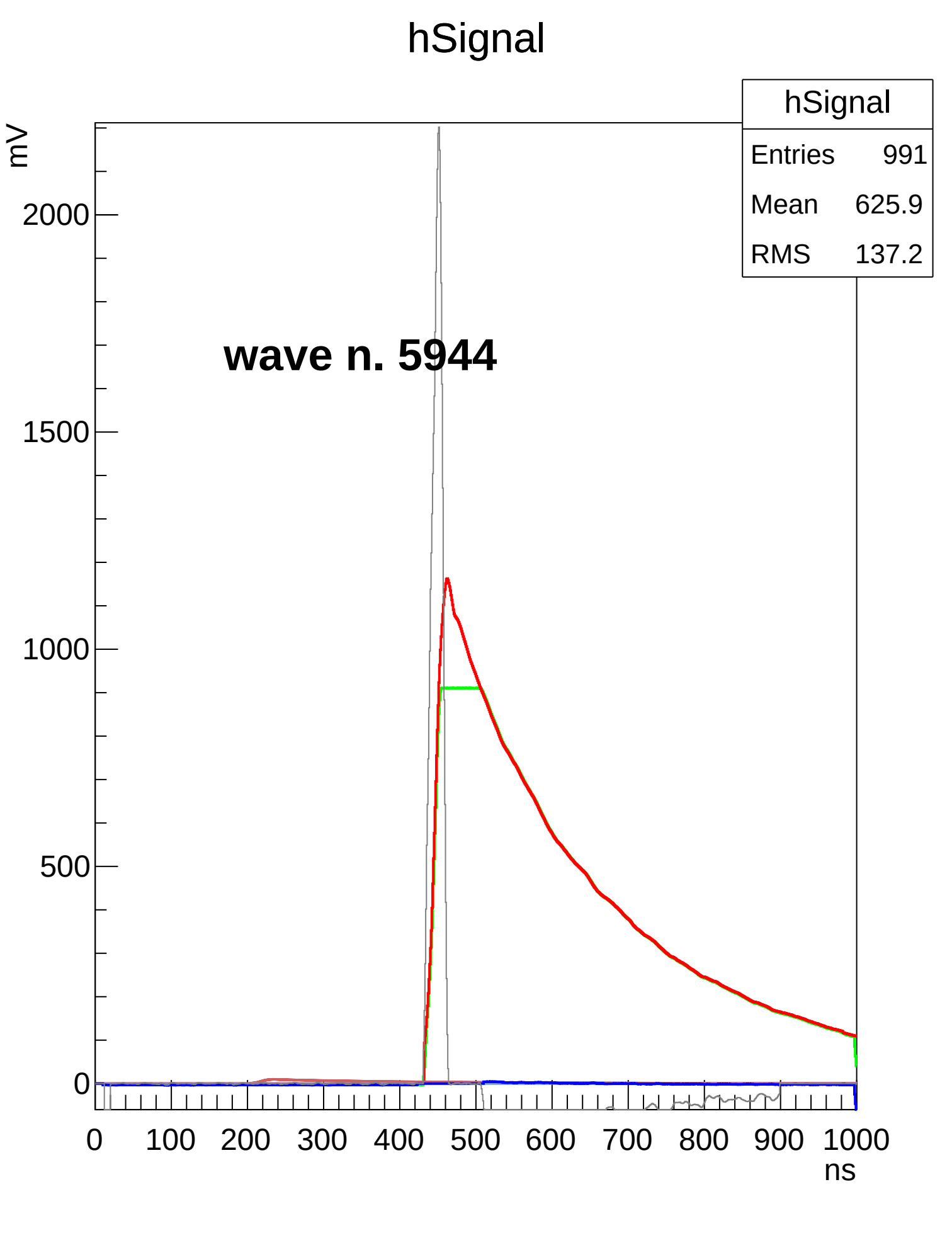
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 501.2
RMS 116.5
wave n. 5943
mV
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 625.9
RMS 137.2
wave n. 5944
mV
2000
1500
1000
500
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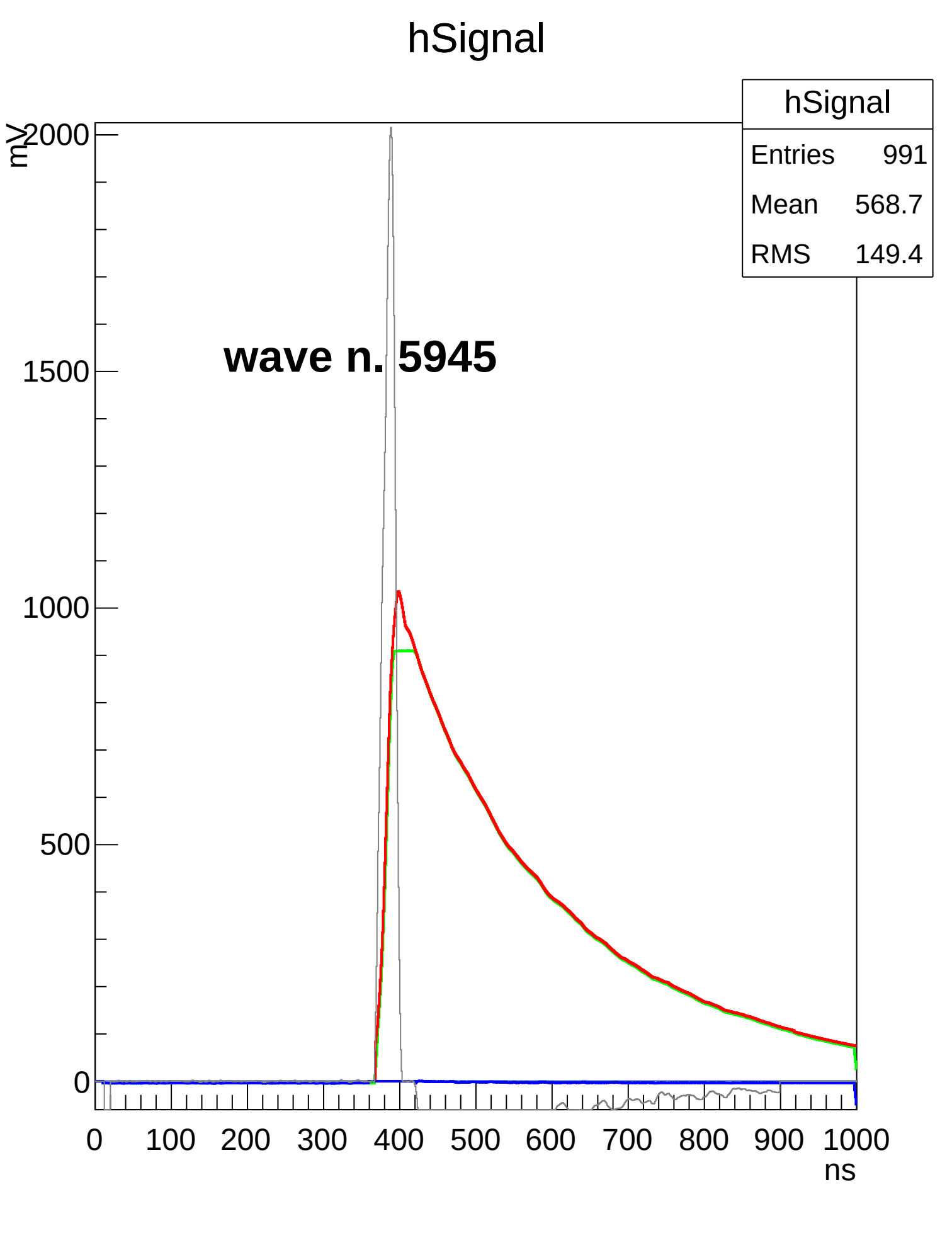
ns


hSignal
hSignal
Entries 991
Mean 568.7
RMS 149.4
wave n. 5945
mV
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1500
1000
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0
100
200
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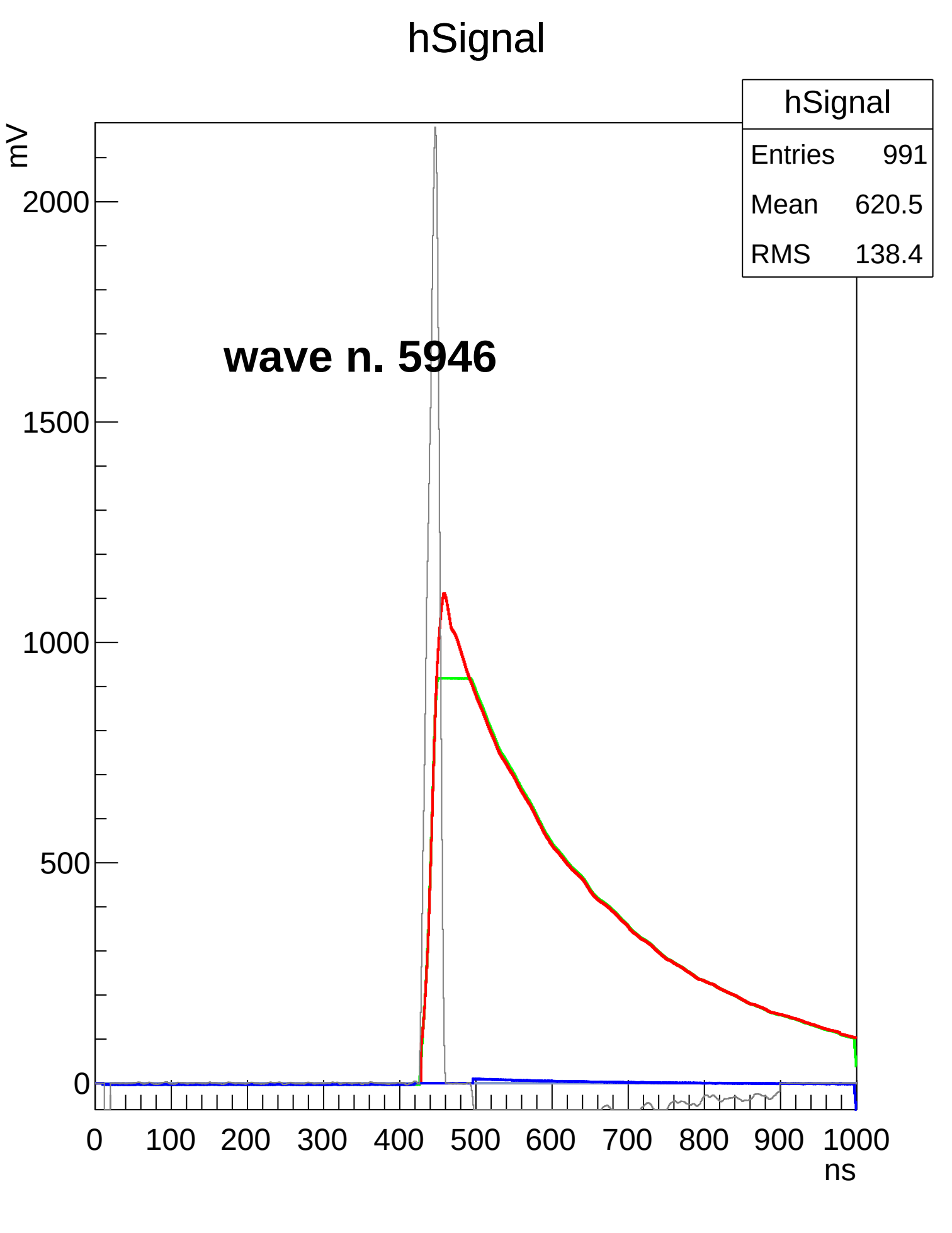
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 620.5
RMS 138.4
wave n. 5946
mV
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1000
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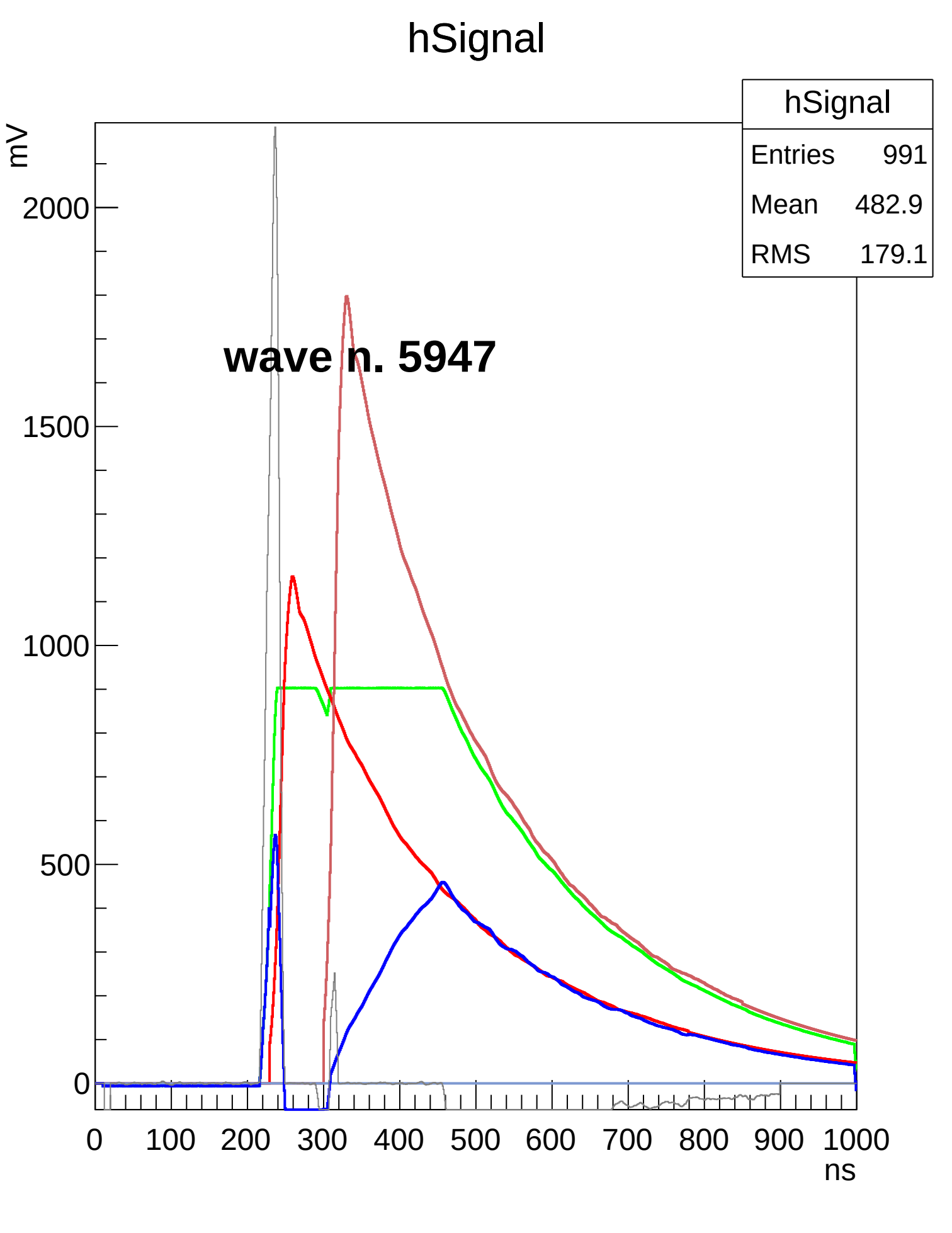
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 482.9
RMS 179.1
wave n. 5947
mV
2000
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1000
500
0
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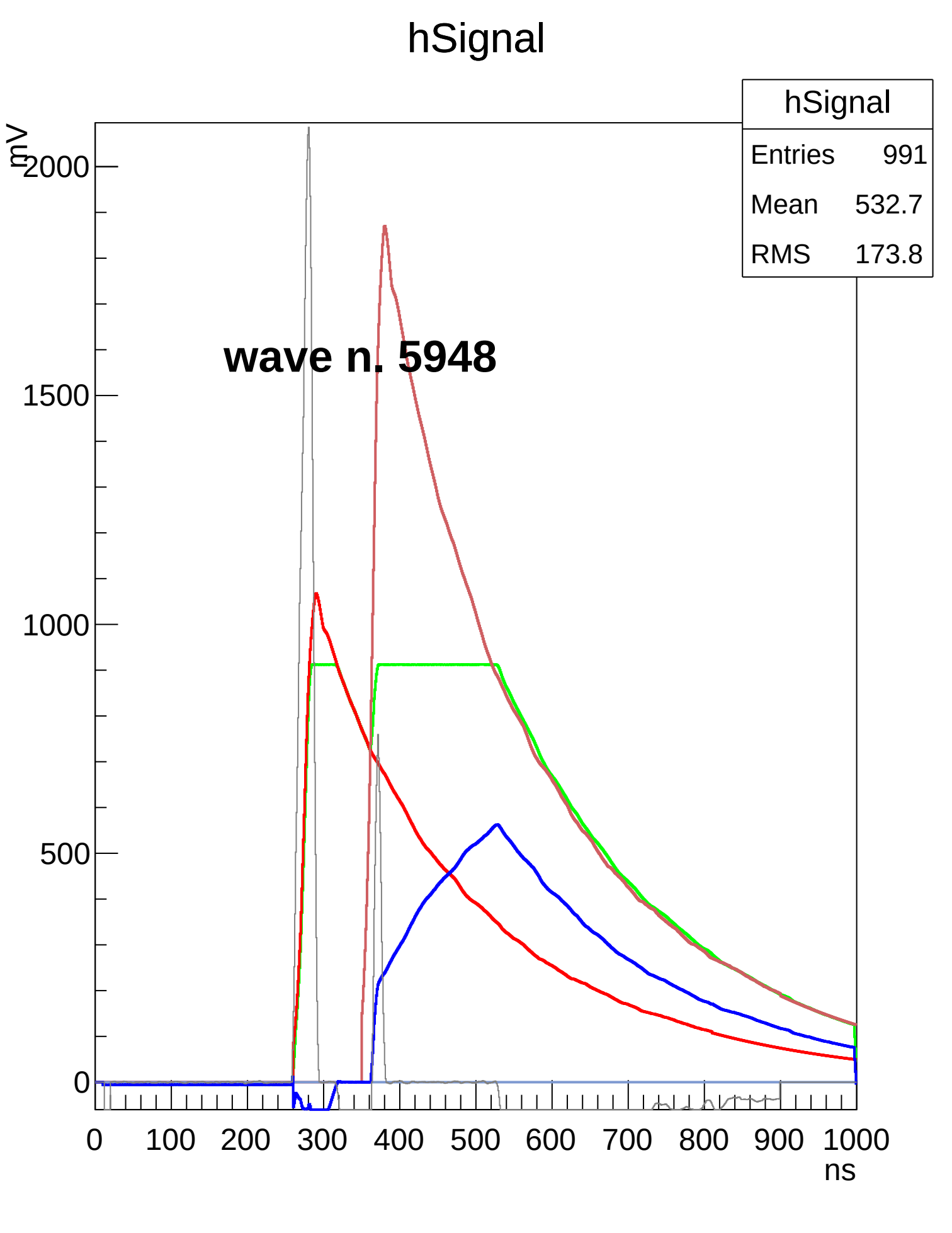
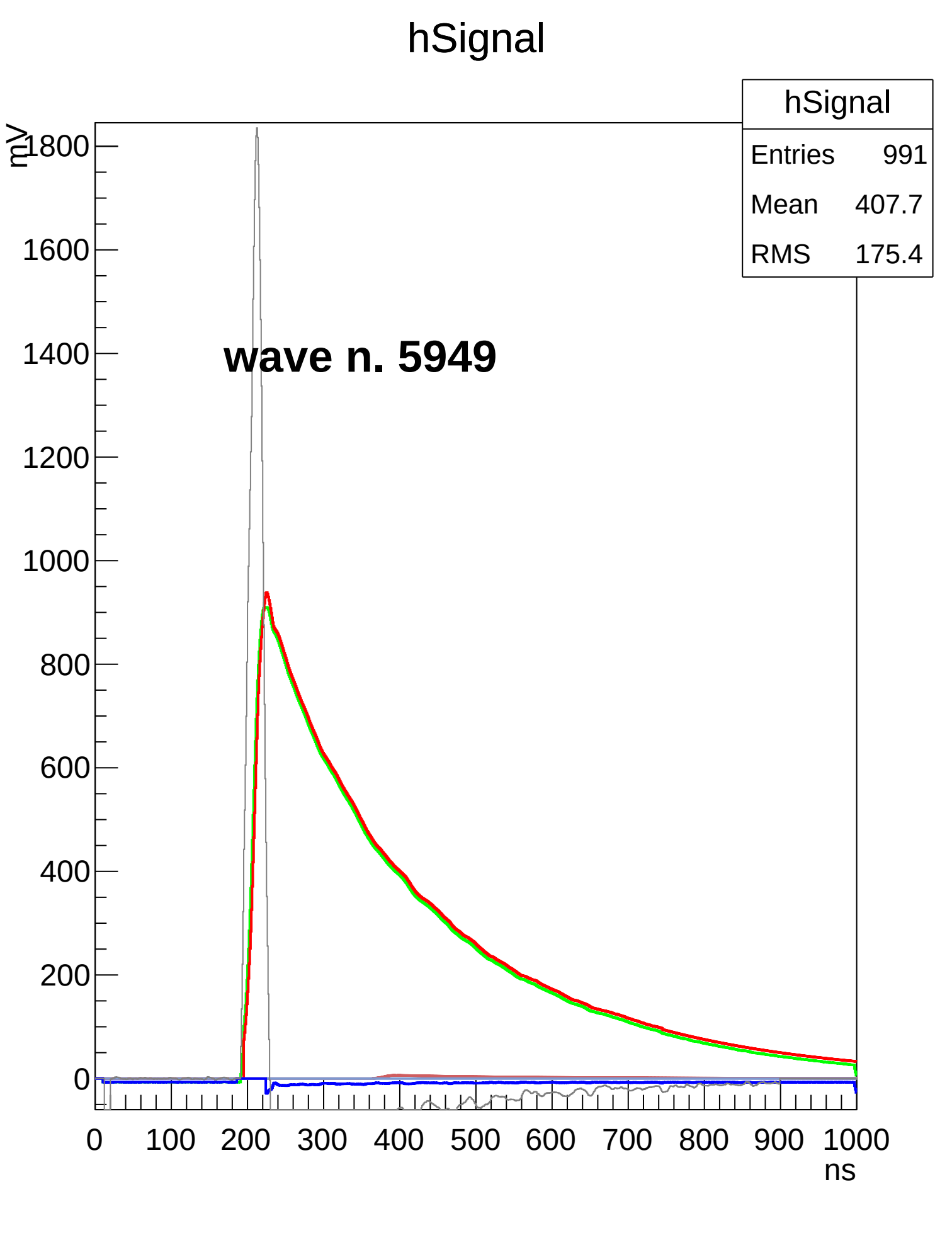
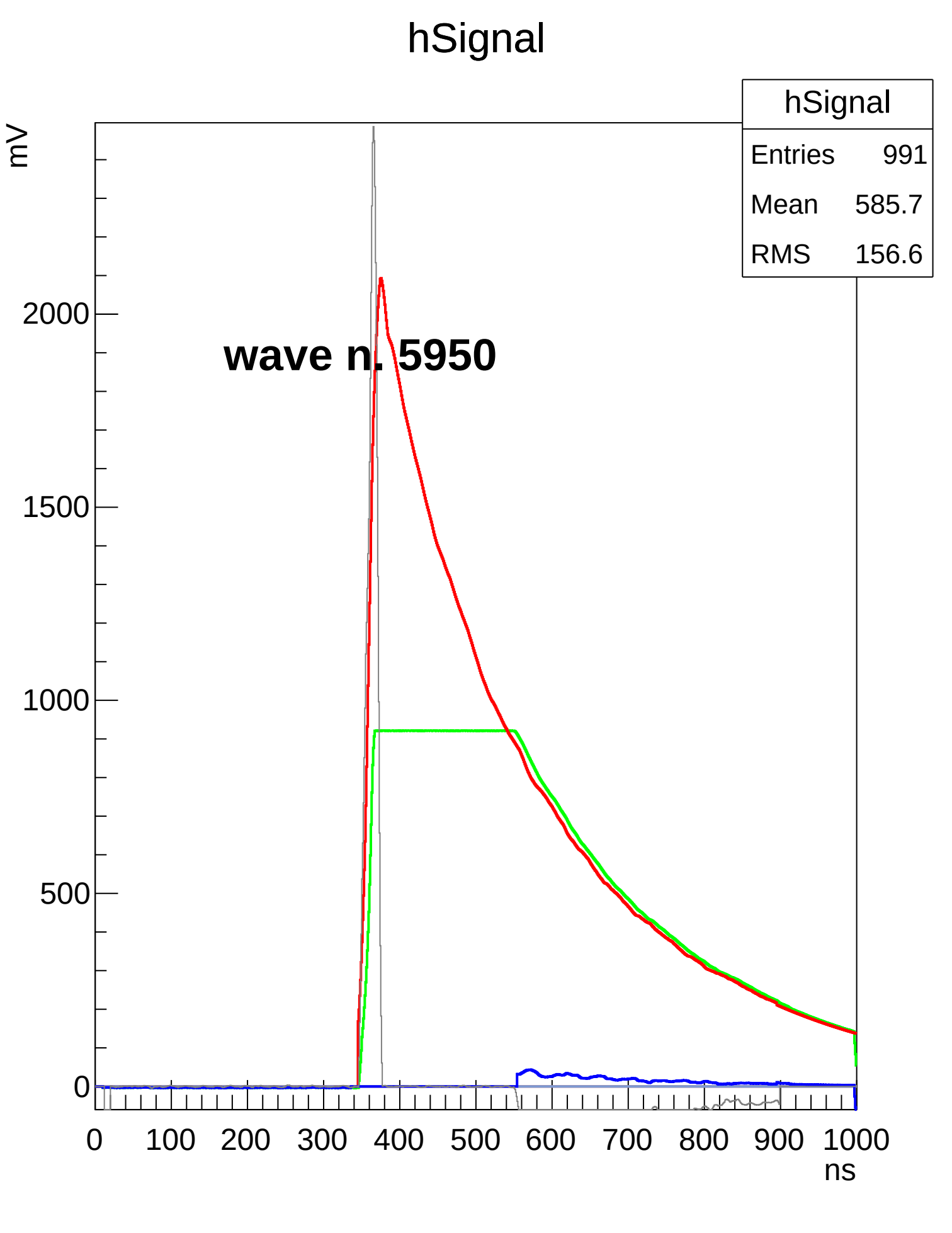
ns


hSignal
hSignal
Entries 991
Mean 532.7
RMS 173.8
wave n. 5948
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 407.7
RMS 175.4
wave n. 5949
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 585.7
RMS 156.6
wave n. 5950
mV
2000
1500
1000
500
0
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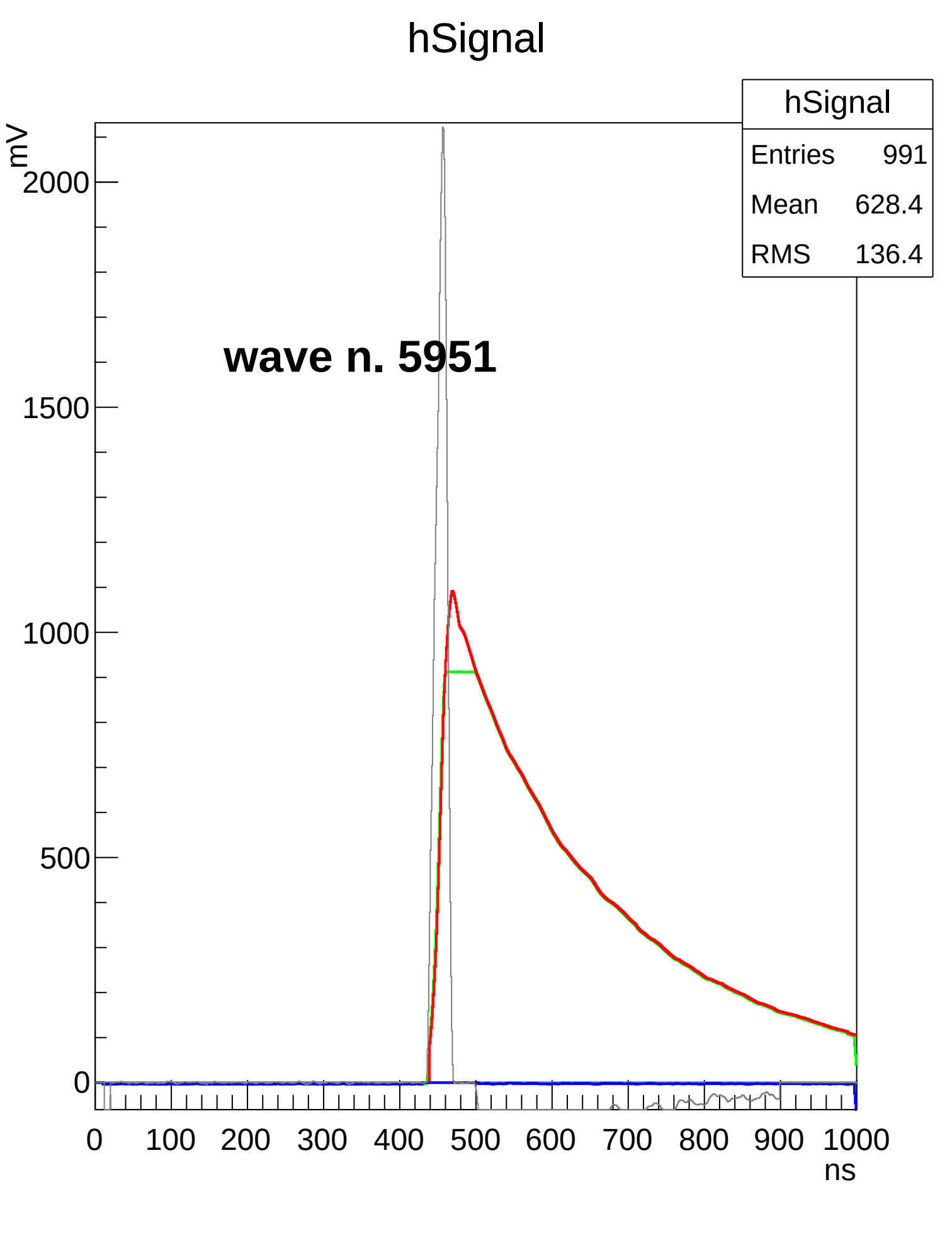
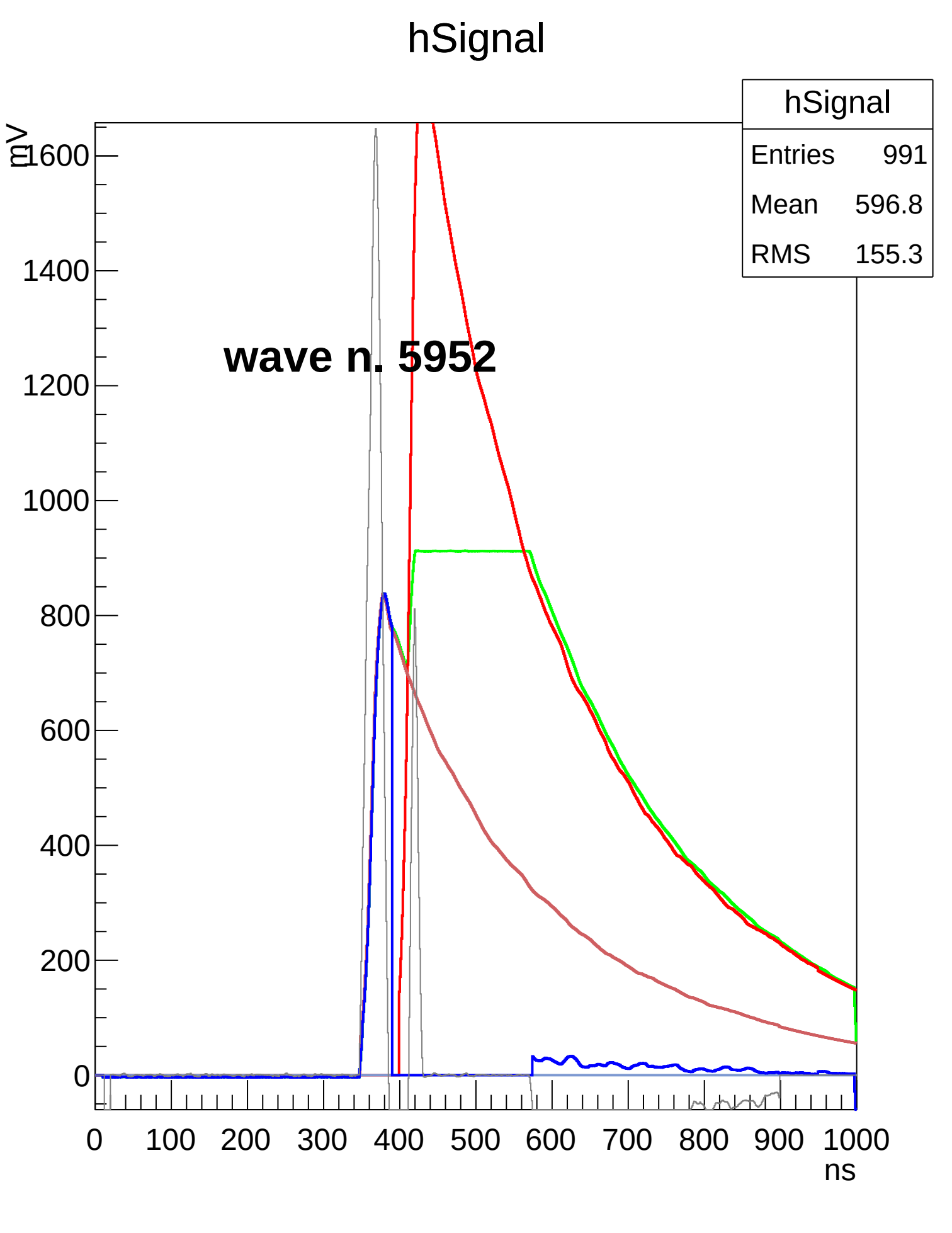
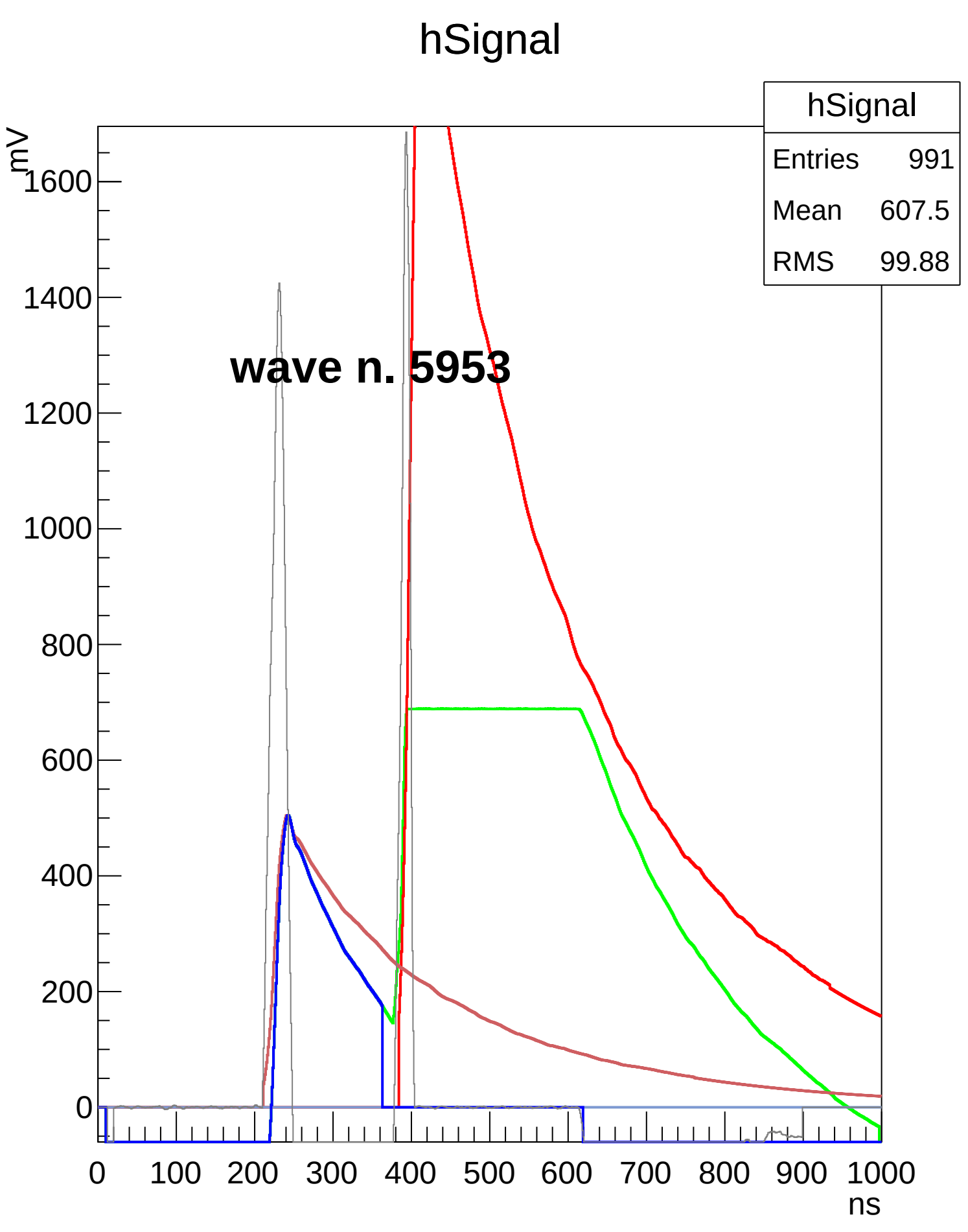
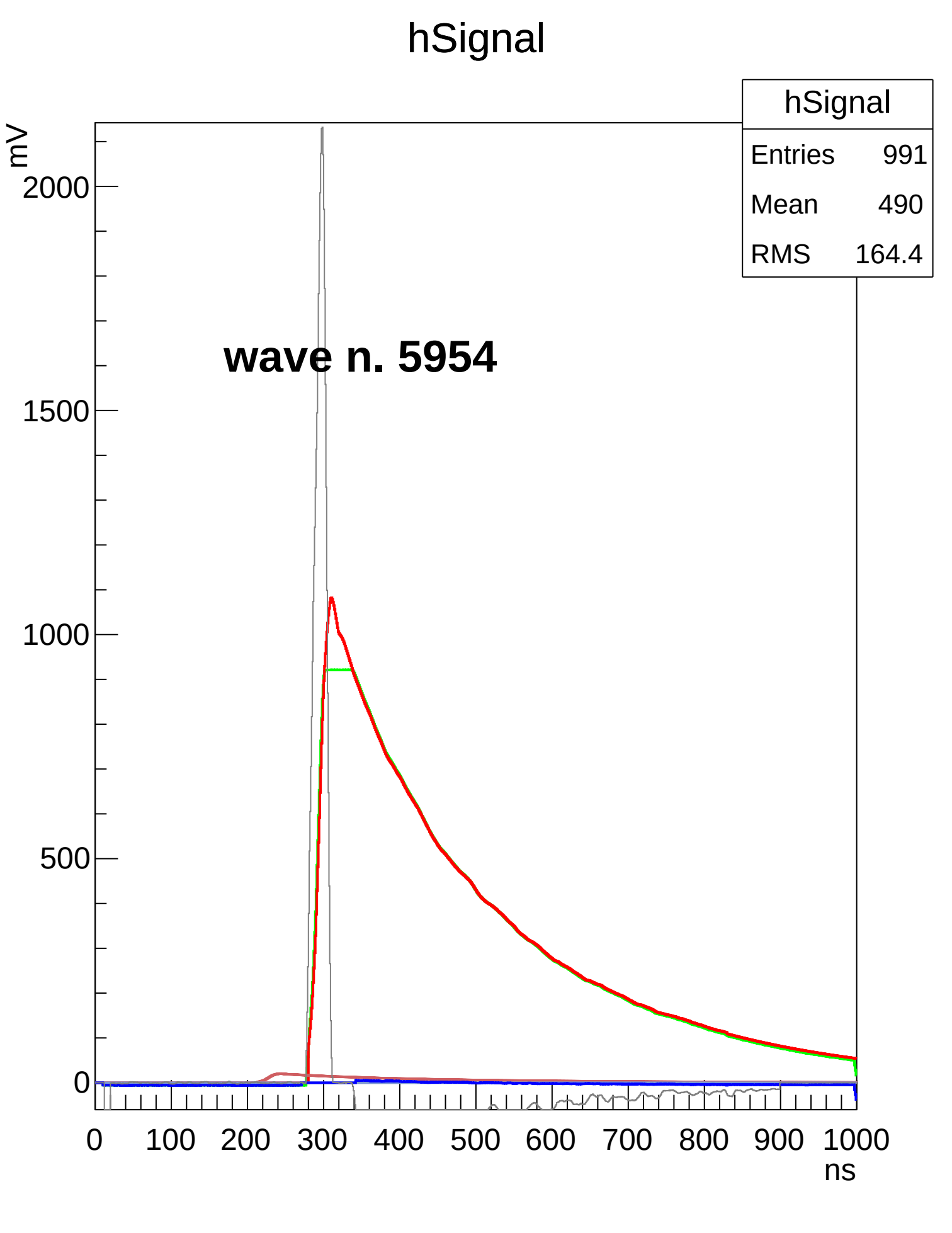
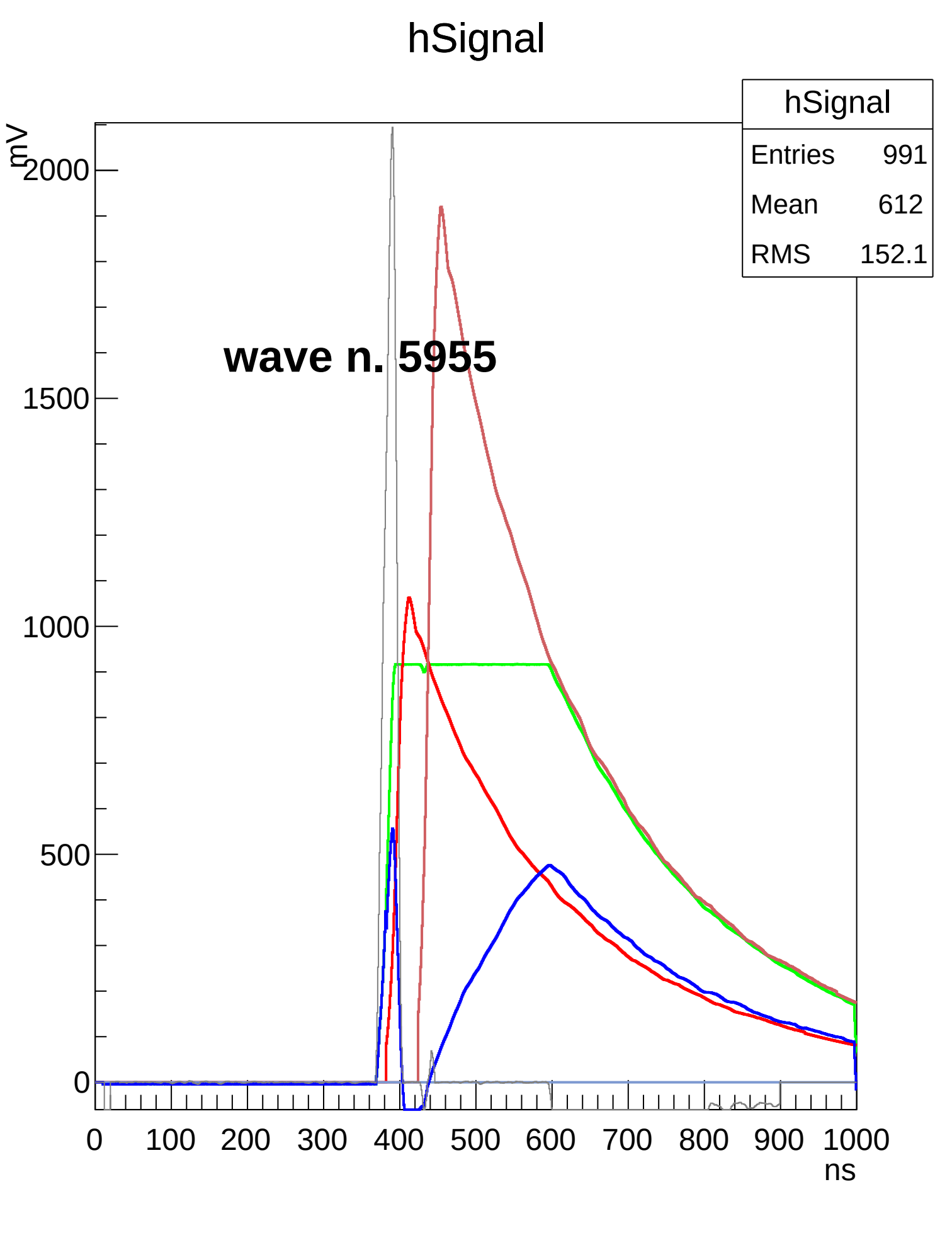
ns

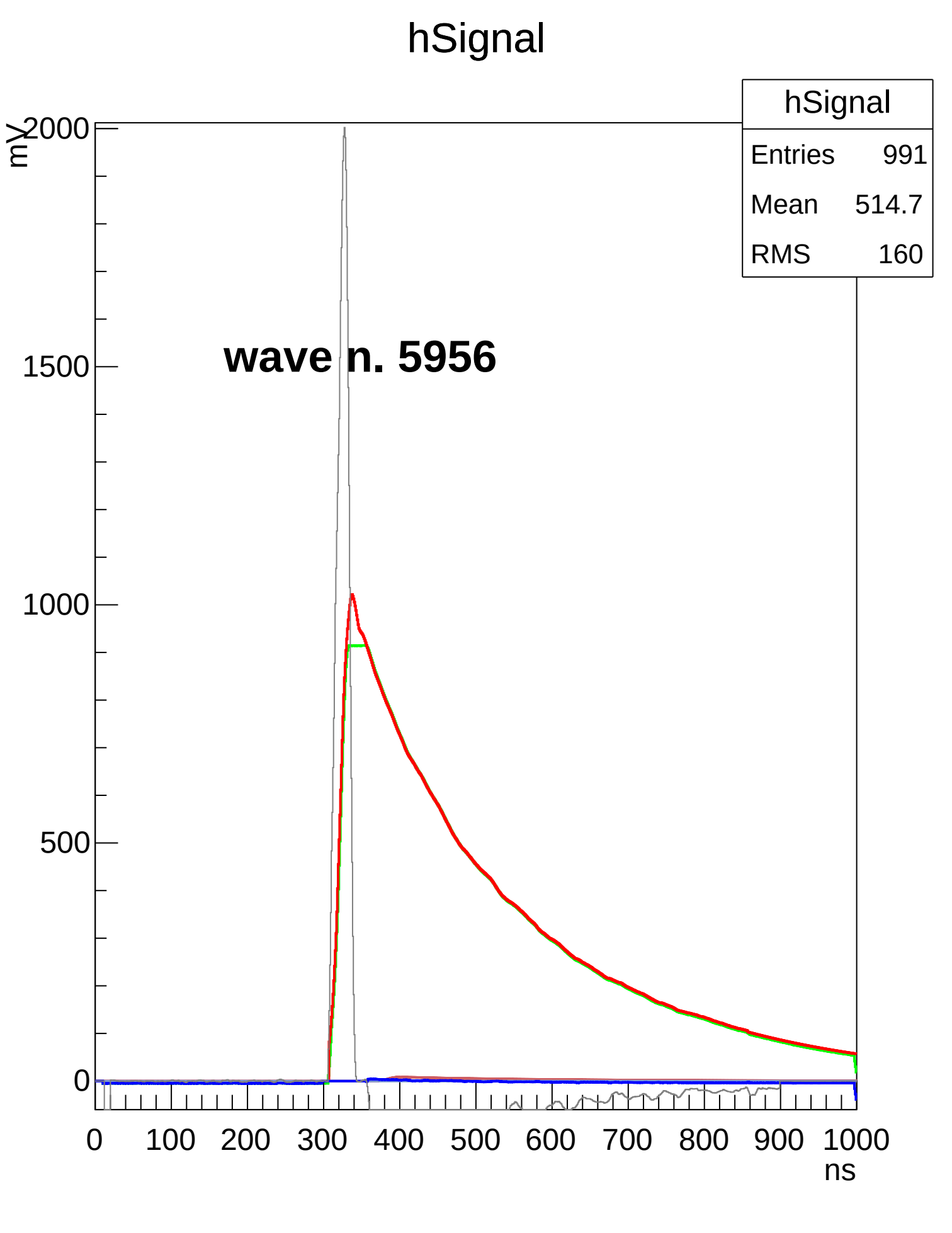

hSignal
hSignal
Entries 991
Mean 628.4
RMS 136.4
wave n. 5951
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 596.8
RMS 155.3
wave n. 5952
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 607.5
RMS 99.88
wave n. 5953
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 490
RMS 164.4
wave n. 5954
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 612
RMS 152.1
wave n. 5955
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 514.7
RMS 160
wave n. 5956
mV
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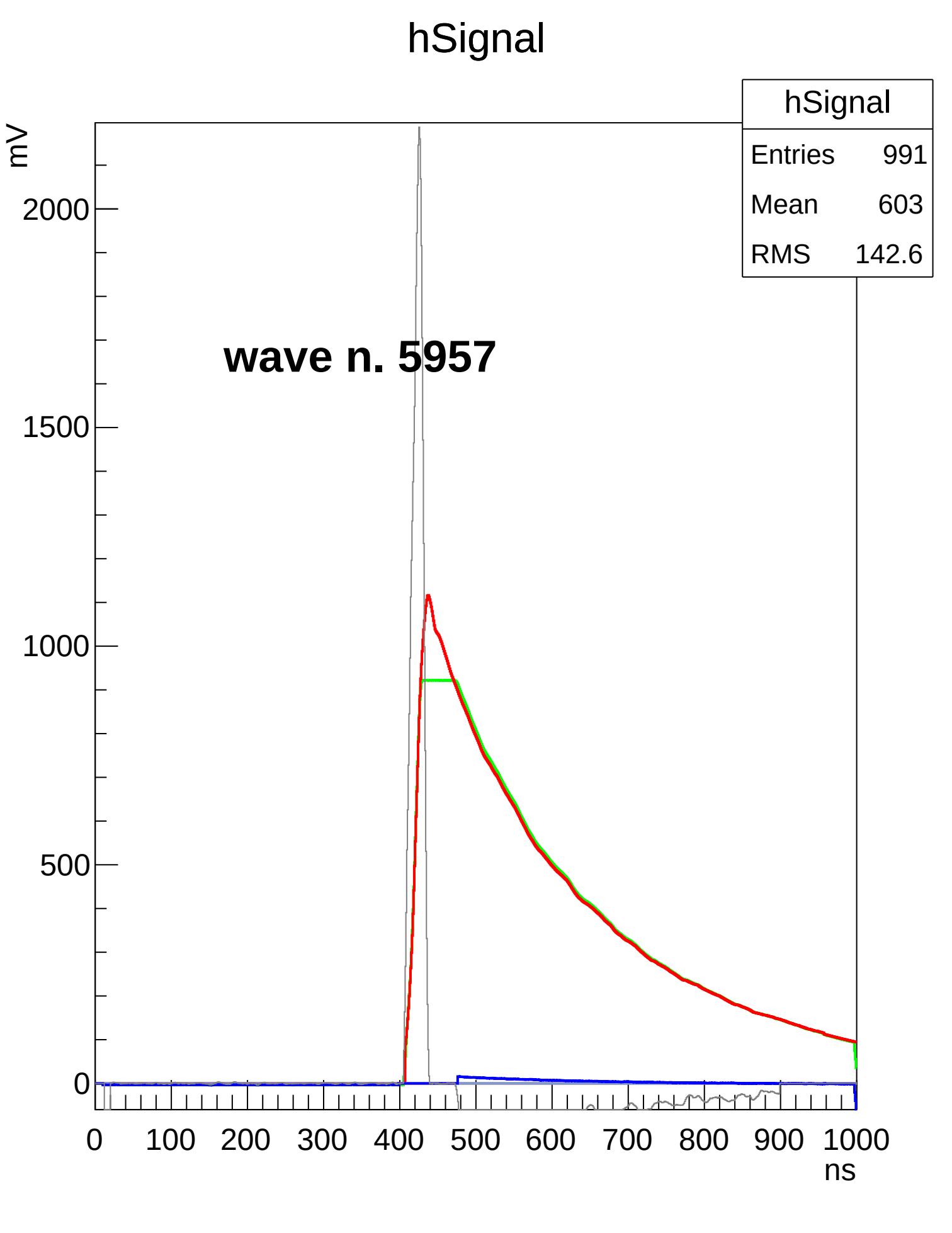
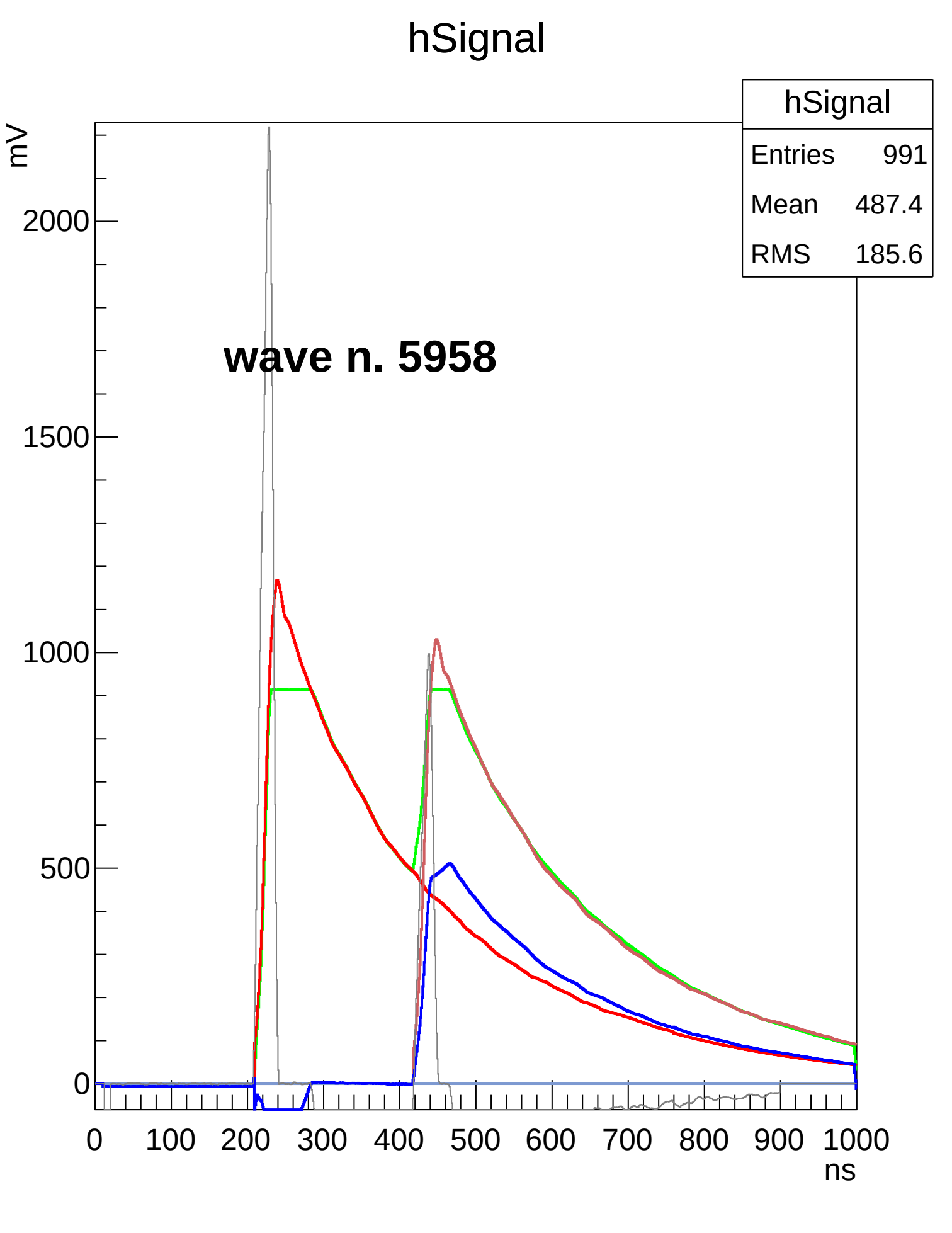
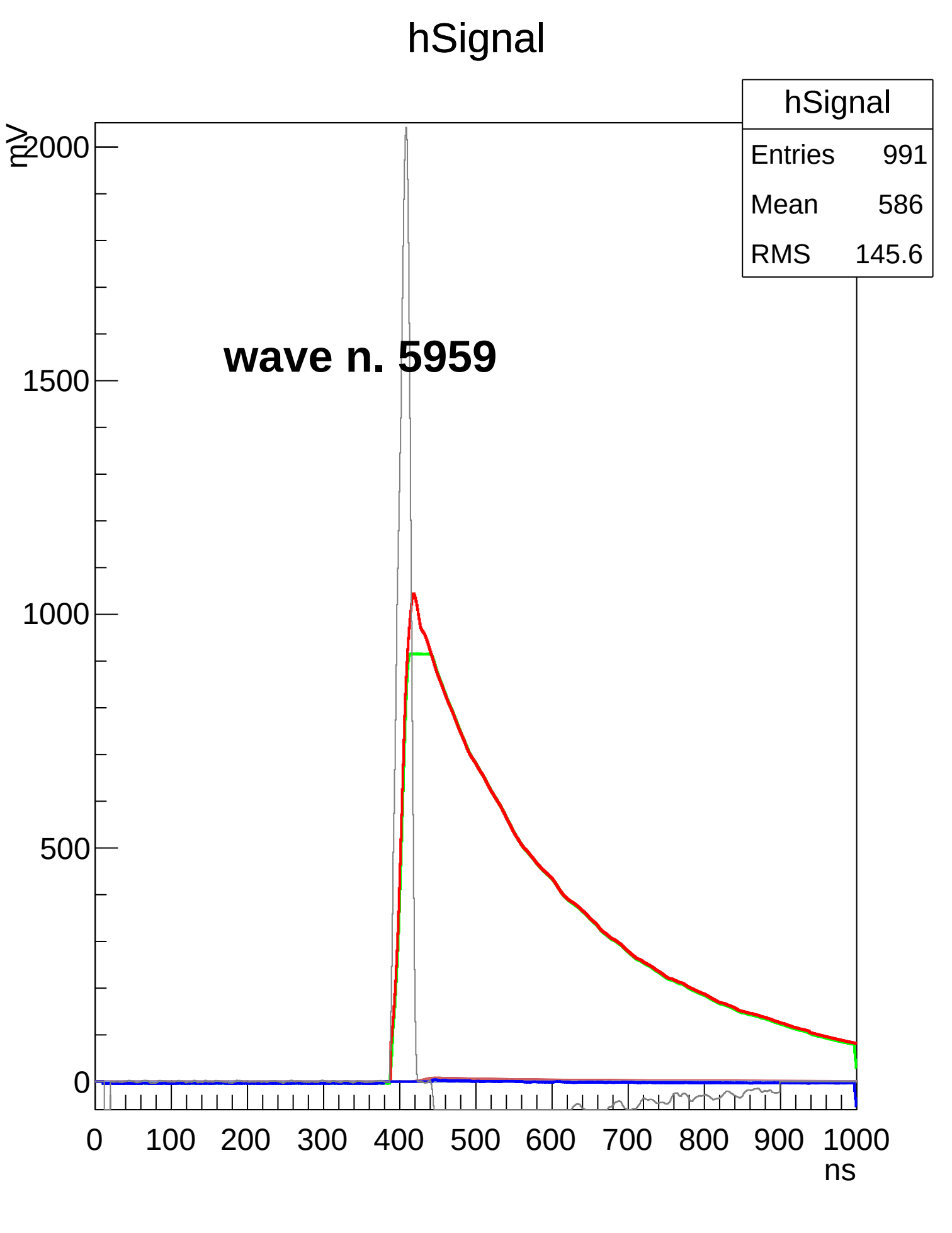
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 603
RMS 142.6
wave n. 5957
mV
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 487.4
RMS 185.6
wave n. 5958
mV
2000
1500
1000
500
0
0
100
200
300
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 586
RMS 145.6
wave n. 5959
mV
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1500
1000
500
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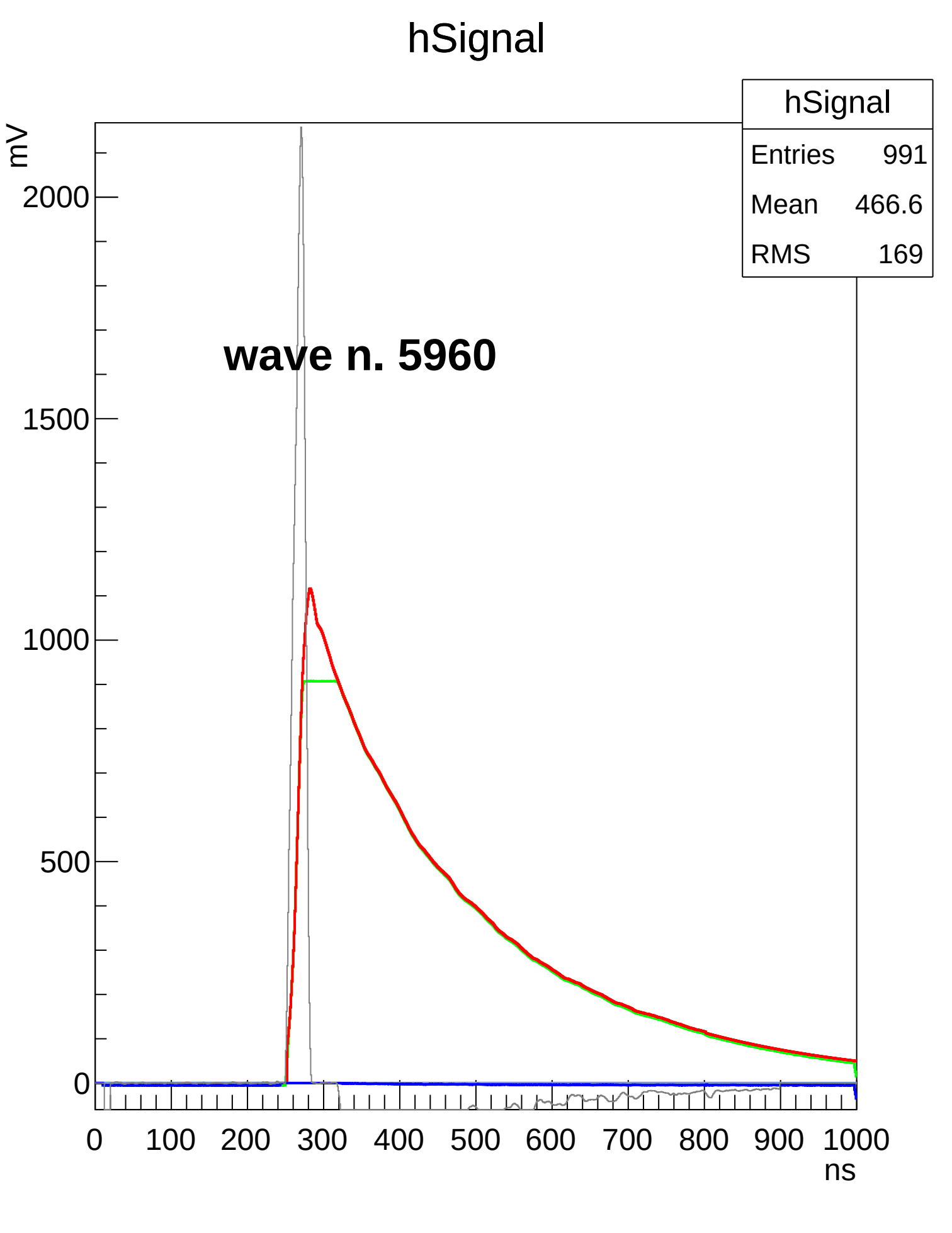
ns


hSignal
hSignal
Entries 991
Mean 466.6
RMS 169
wave n. 5960
mV
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1500
1000
500
0
0
100
200
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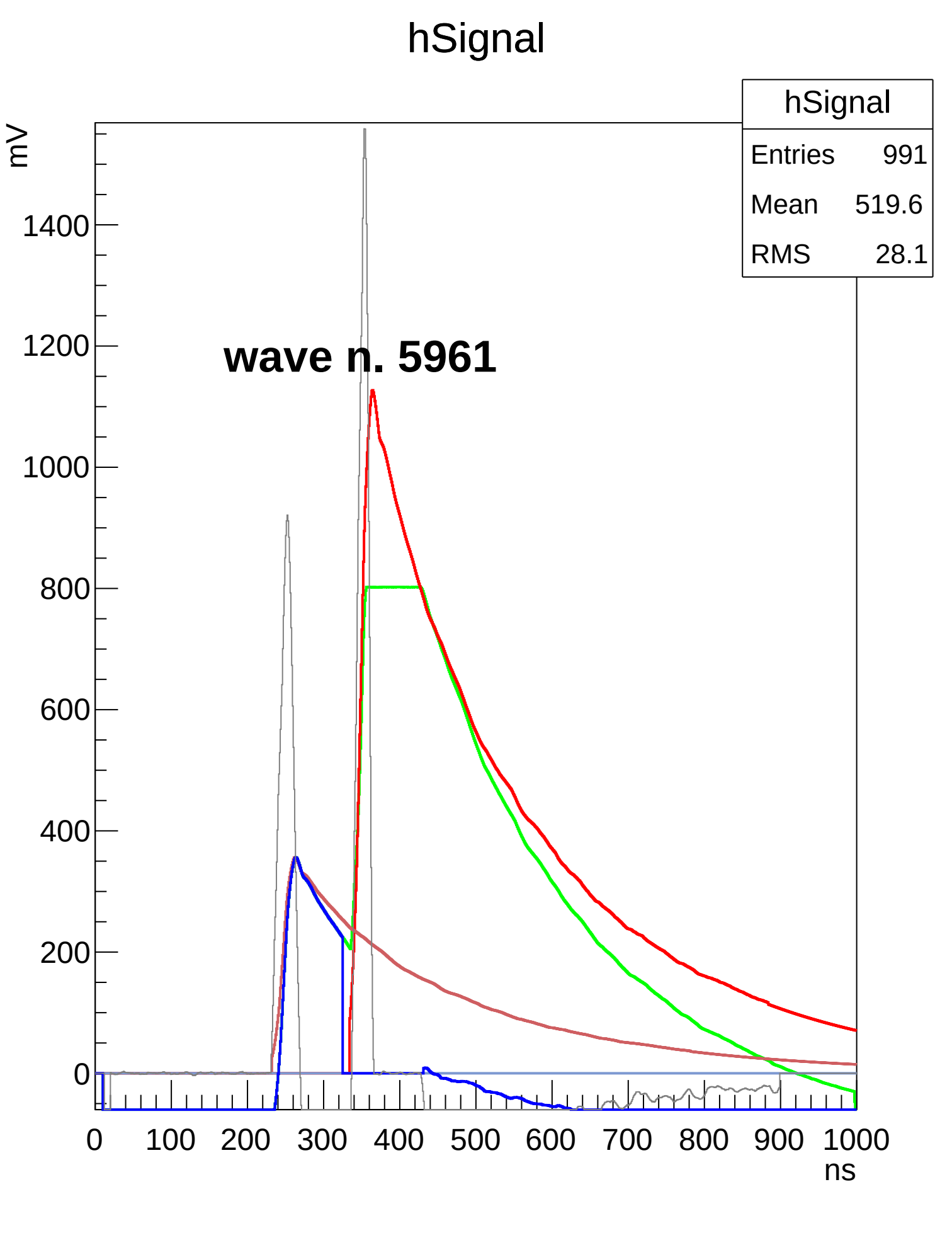
400
500
600
700
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 519.6
RMS 28.1
wave n. 5961
mV
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1200
1000
800
600
400
200
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0
100
200
300
400
500
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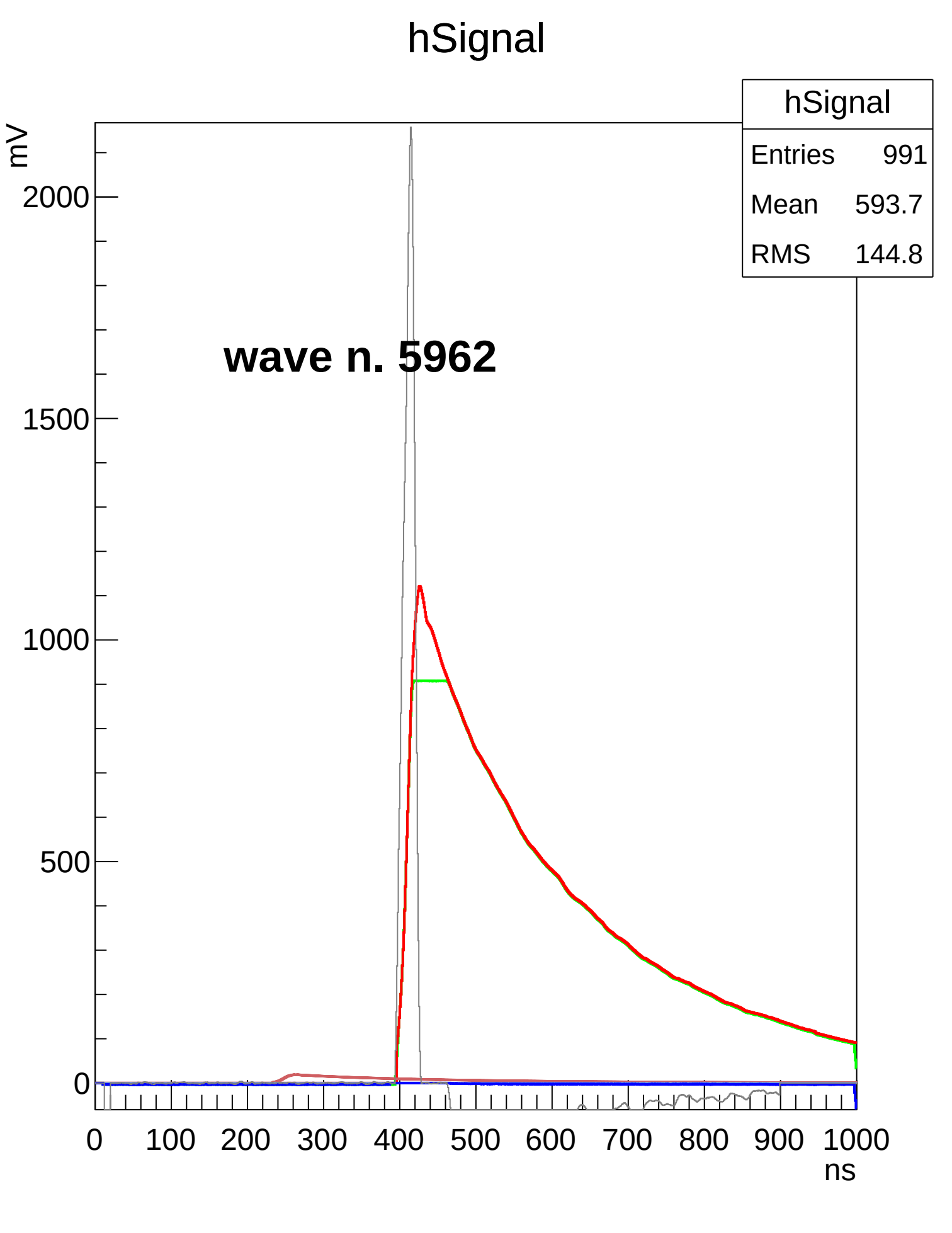
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 593.7
RMS 144.8
wave n. 5962
mV
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1000
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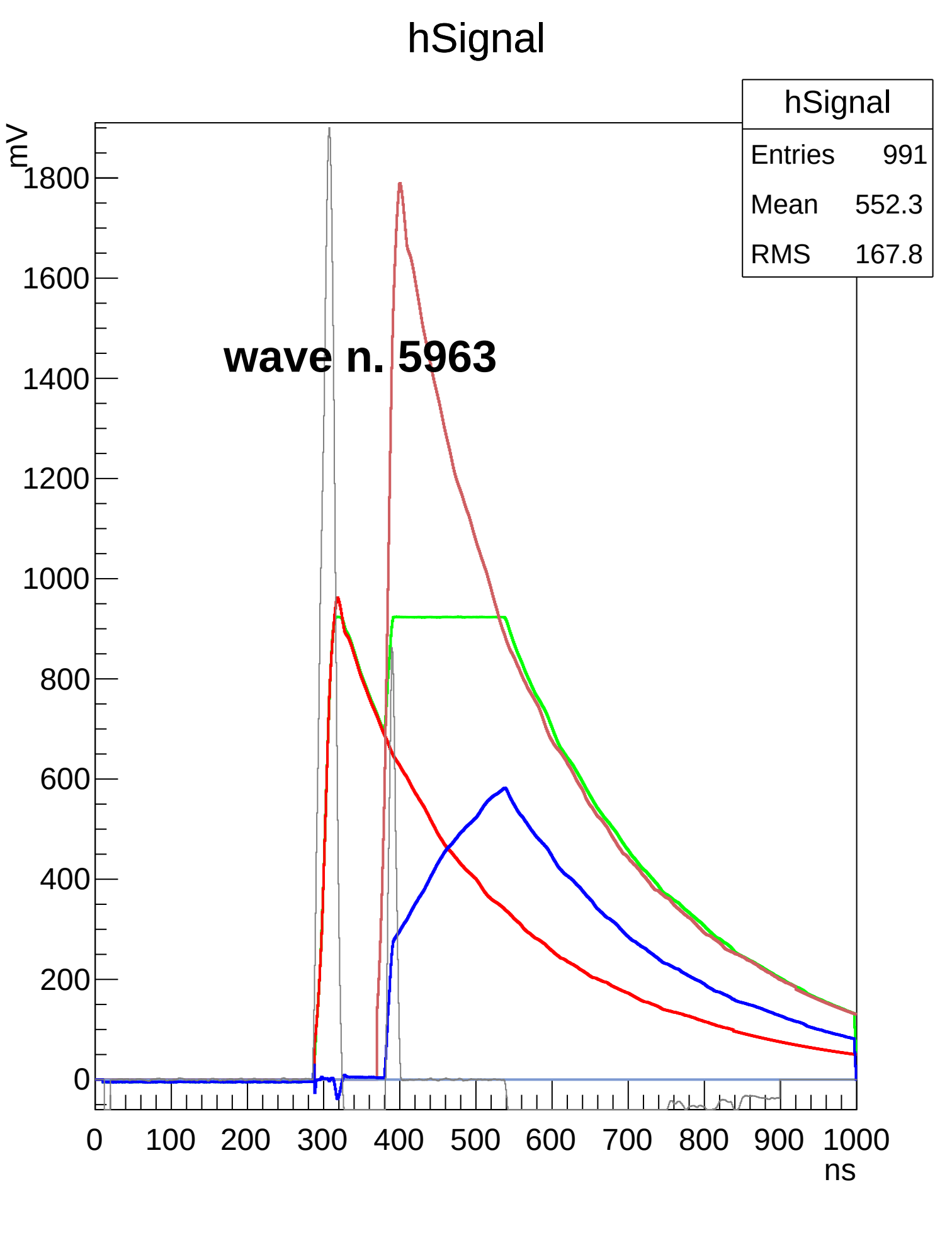
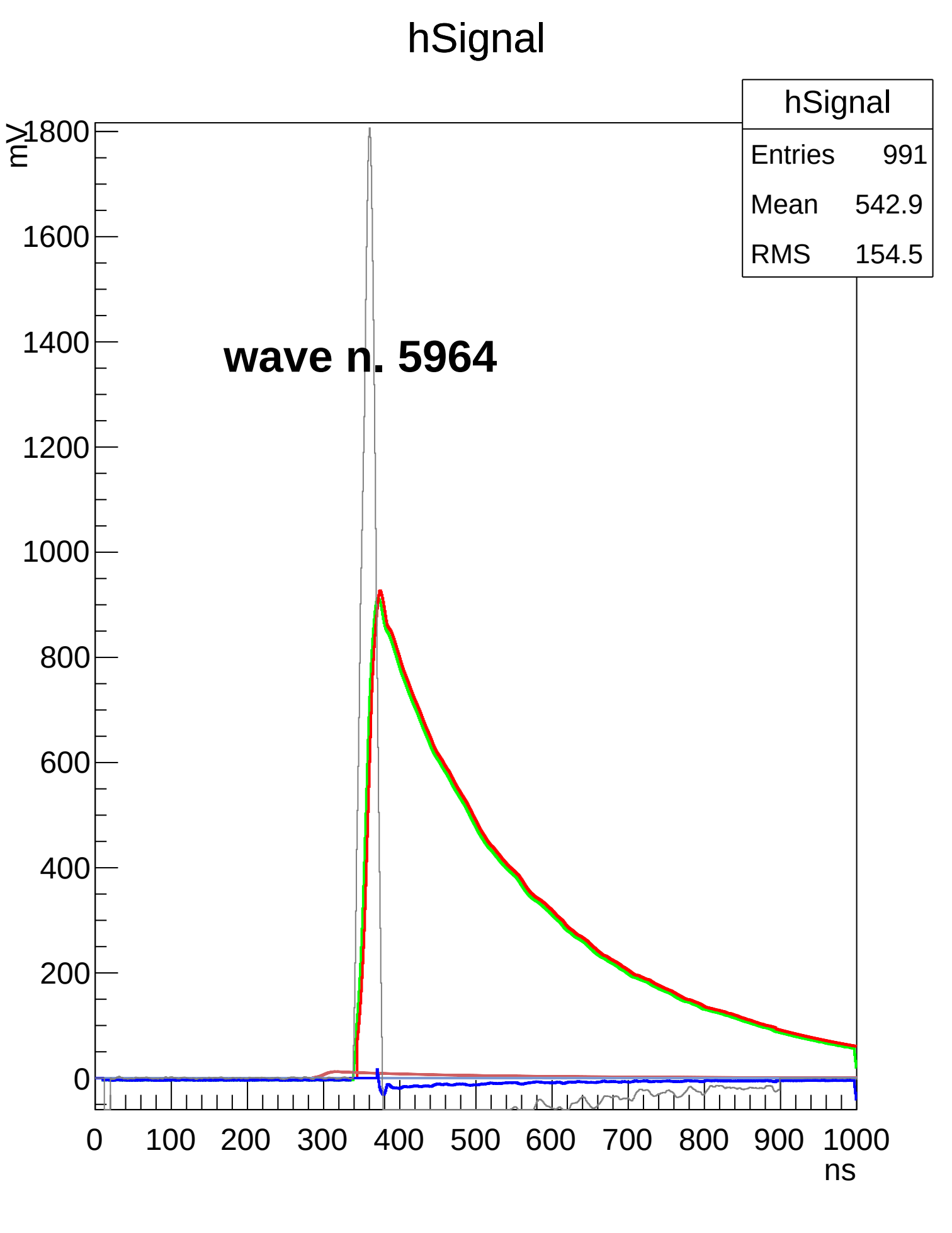
800
900
1000
ns


hSignal
hSignal
Entries 991
Mean 552.3
RMS 167.8
wave n. 5963
mV
1800
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 542.9
RMS 154.5
wave n. 5964
mV
1800
1600
1400
1200
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600
400
200
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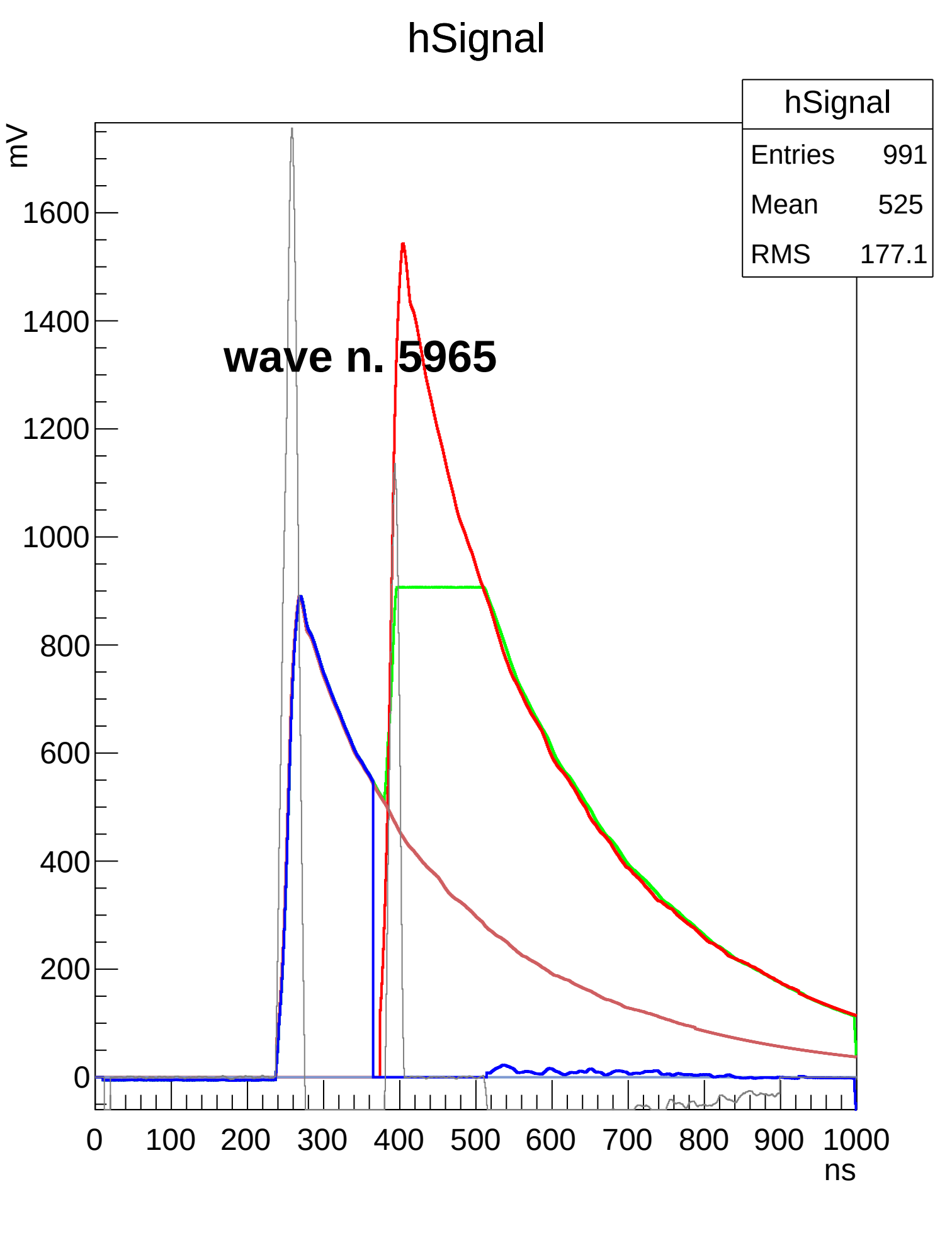
1000
ns


hSignal
hSignal
Entries 991
Mean 525
RMS 177.1
wave n. 5965
mV
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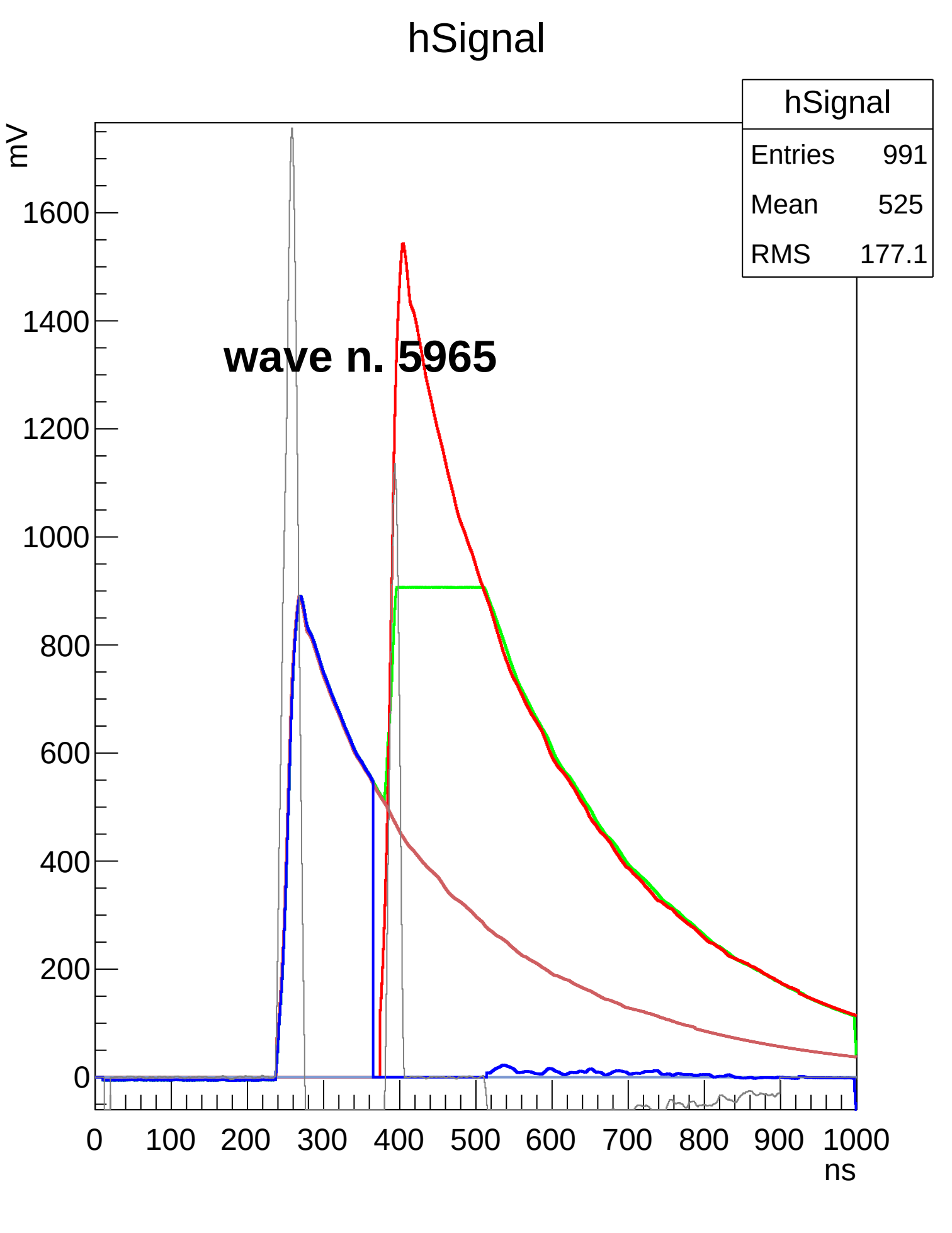
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns


hSignal
hSignal
Entries 991
Mean 525
RMS 177.1
wave n. 5965
mV
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000
ns