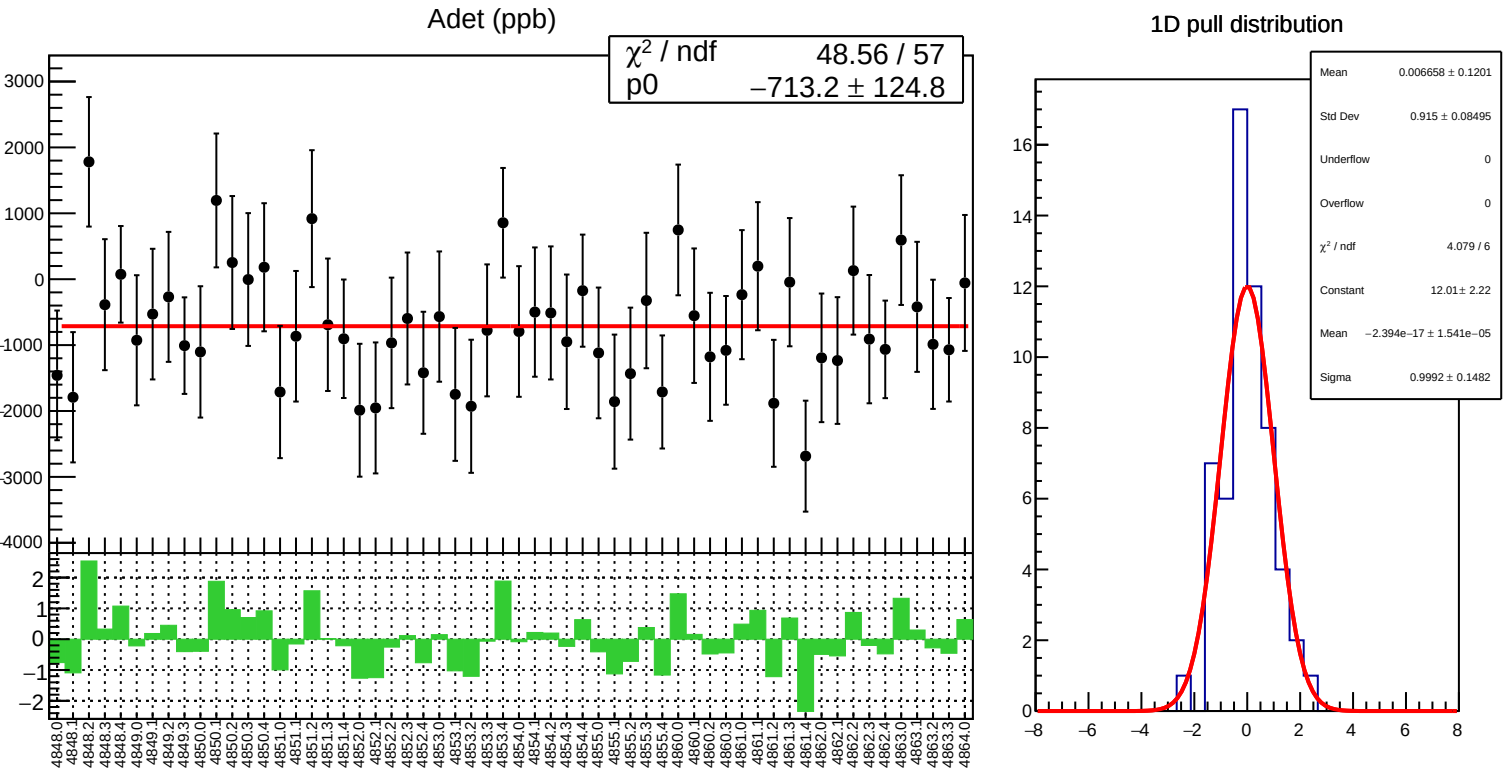
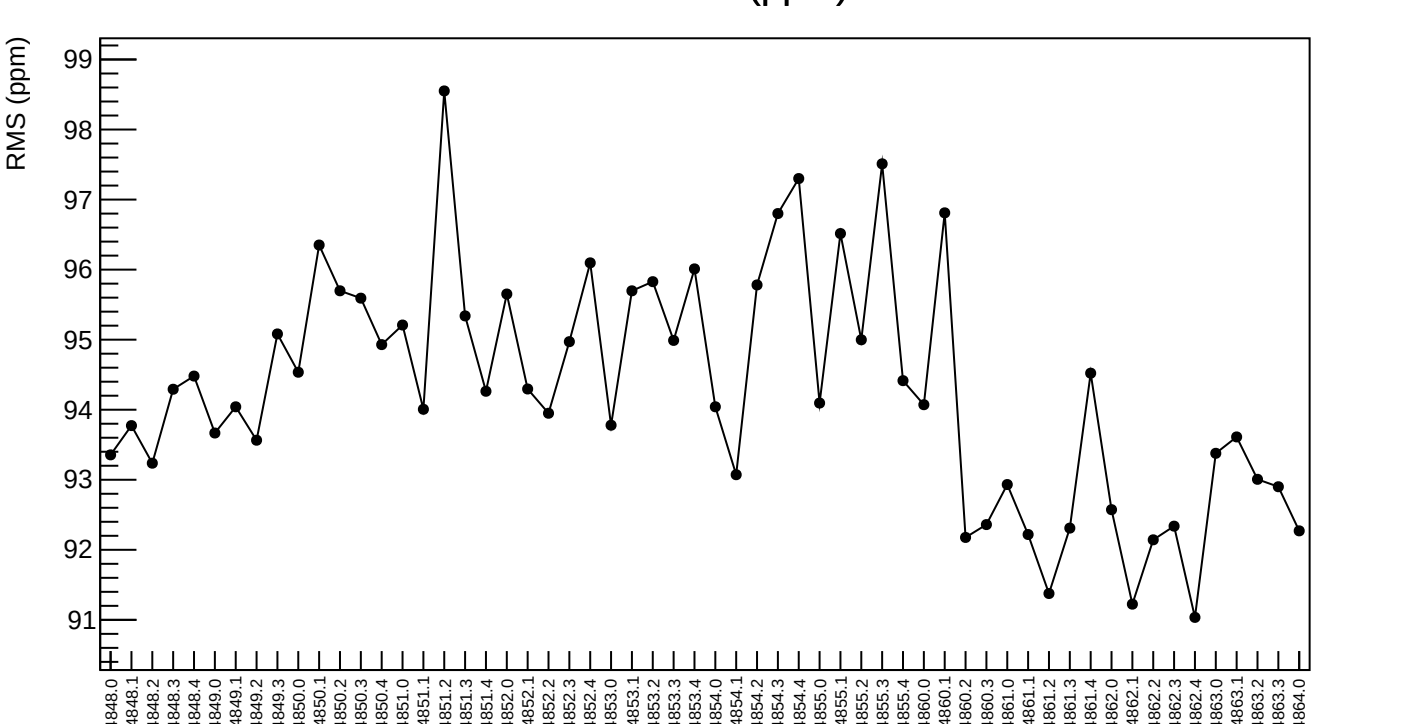
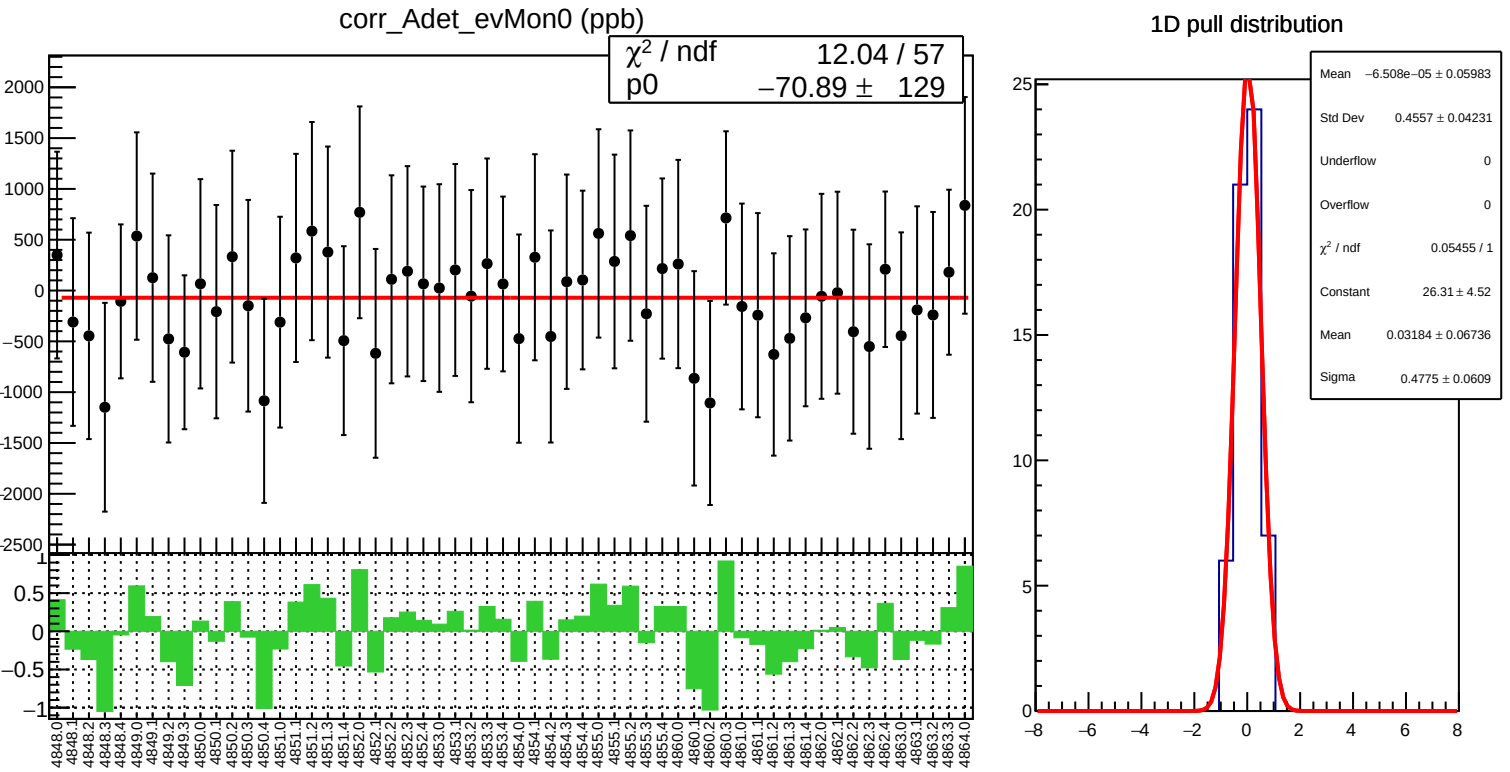
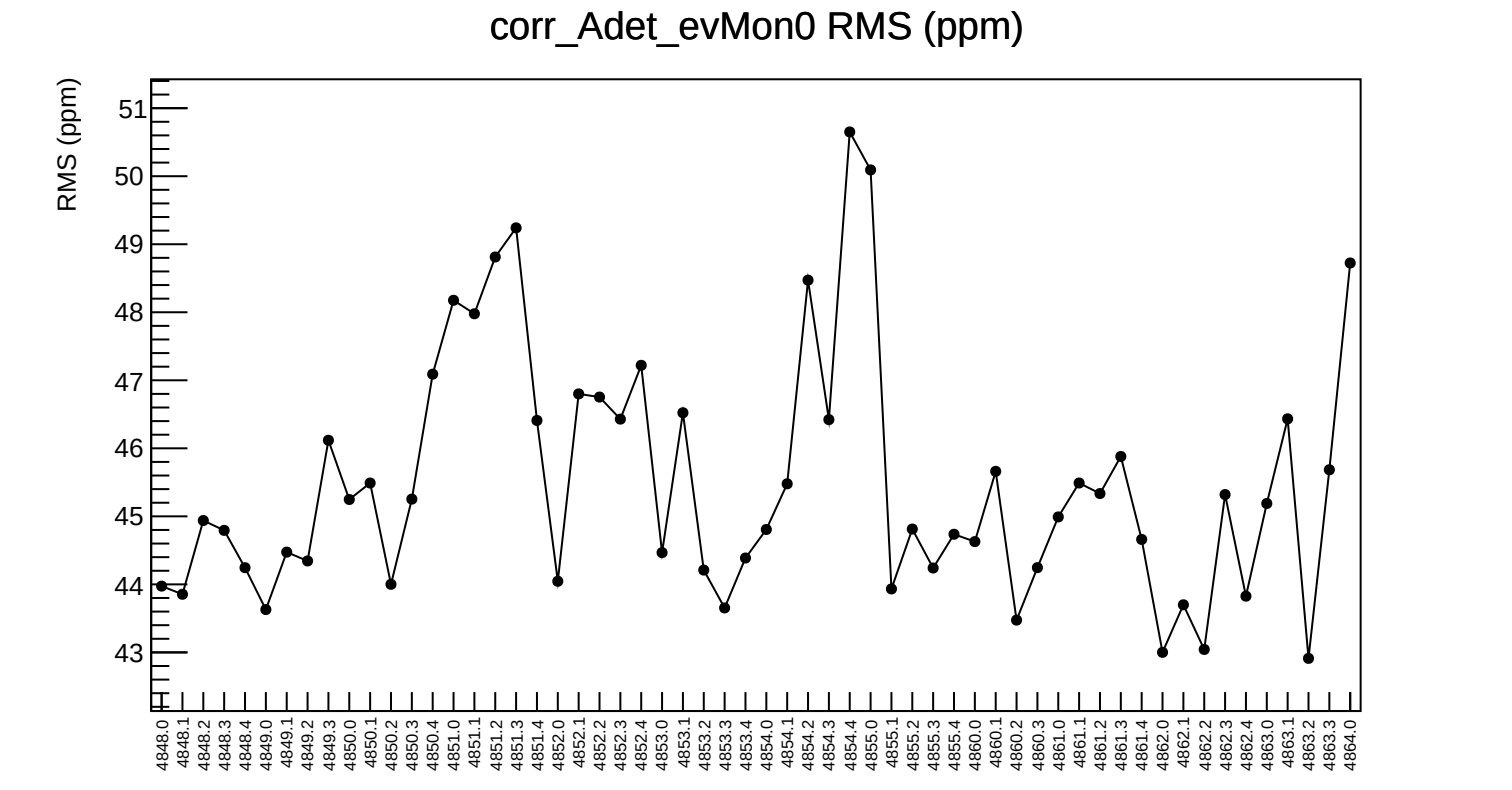
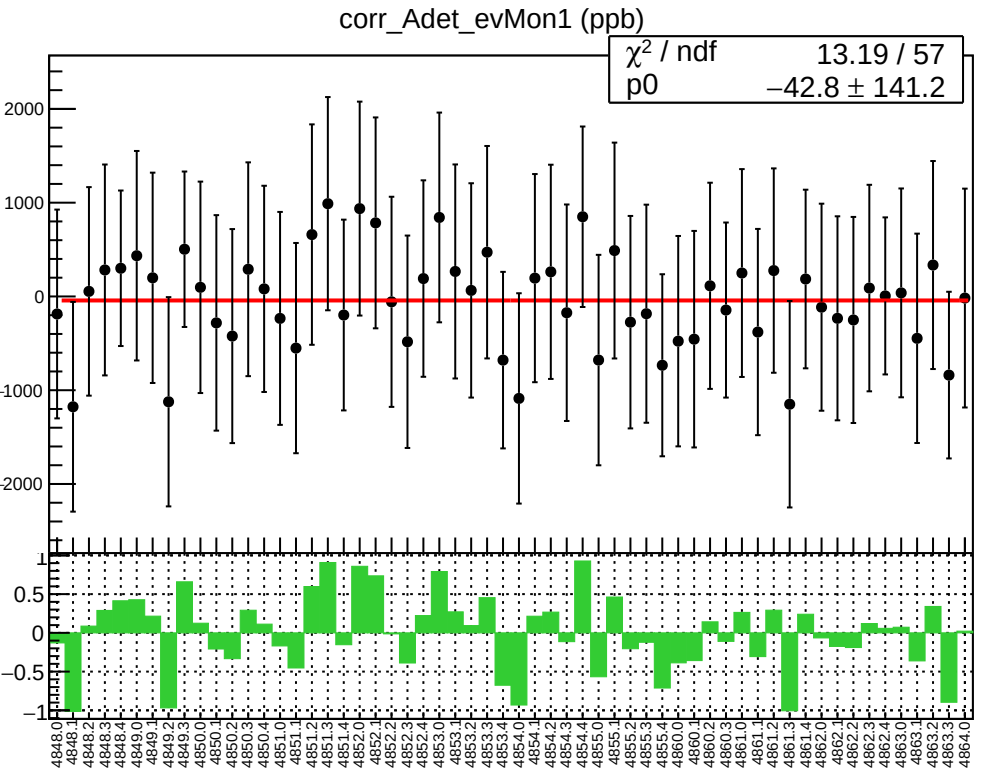
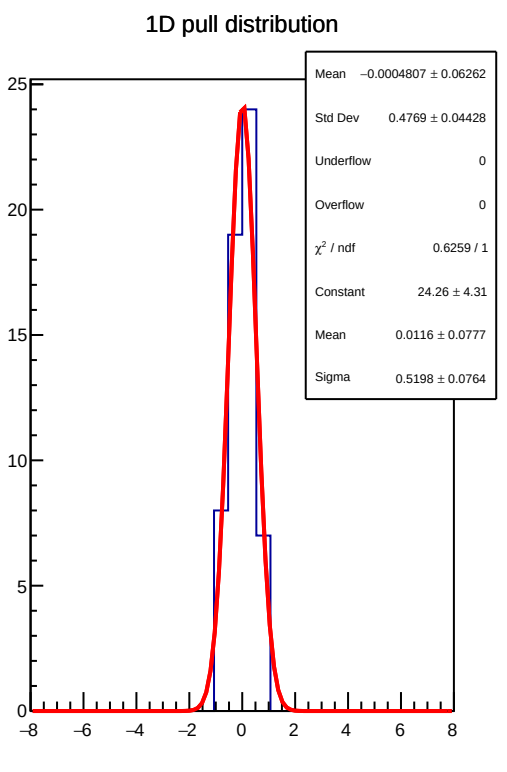

Adet (ppb)
χ² / ndf 48.56 / 57
p0 −713.2 ± 124.8
1D pull distribution
Mean 0.006658 ± 0.1201
Std Dev 0.915 ± 0.08495
Underflow 0
Overflow 0
χ² / ndf 4.079 / 6
Constant 12.01 ± 2.22
Mean −2.394e−17 ± 1.541e−05
Sigma 0.9992 ± 0.1482

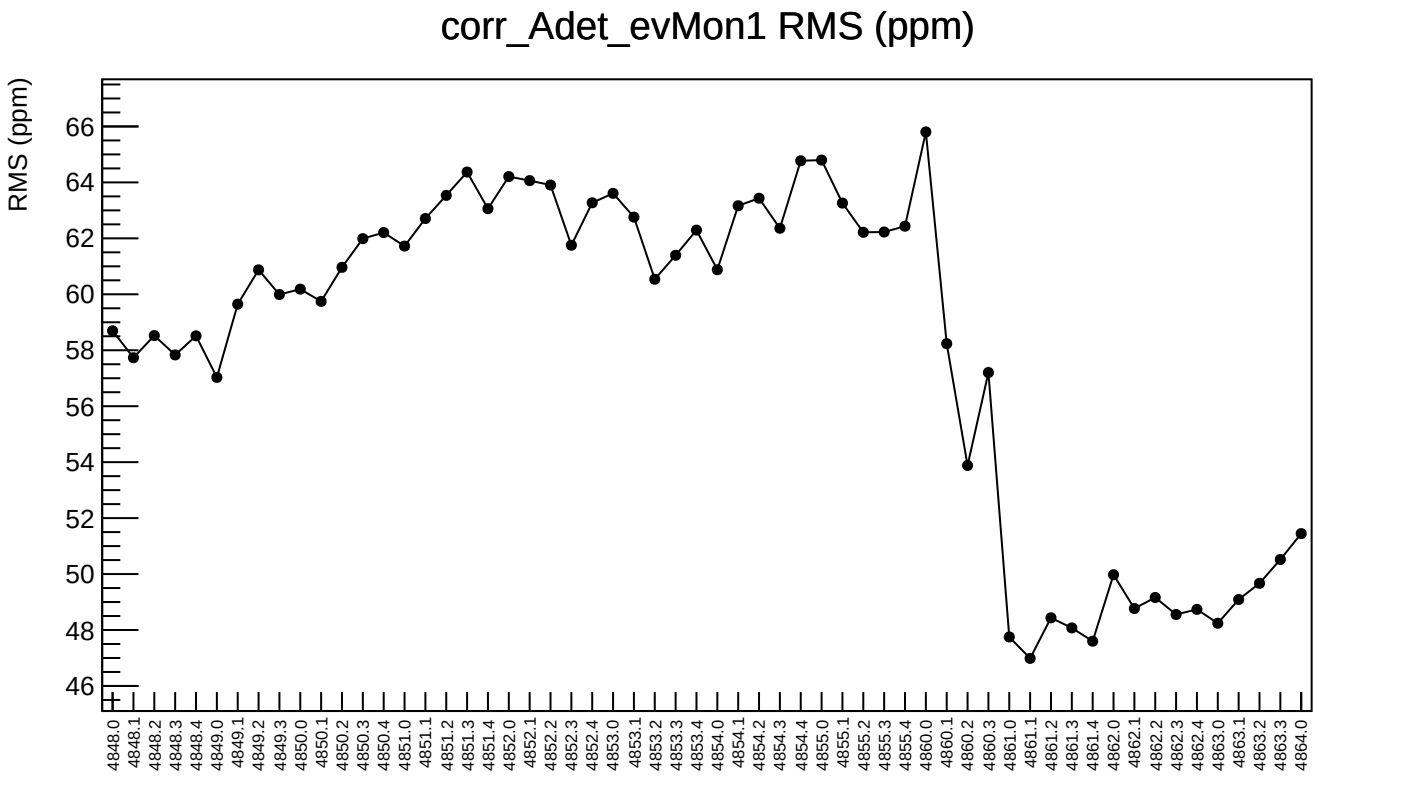

Adet RMS (ppm)
RMS (ppm)
99
98
97
96
95
94
93
92
91
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

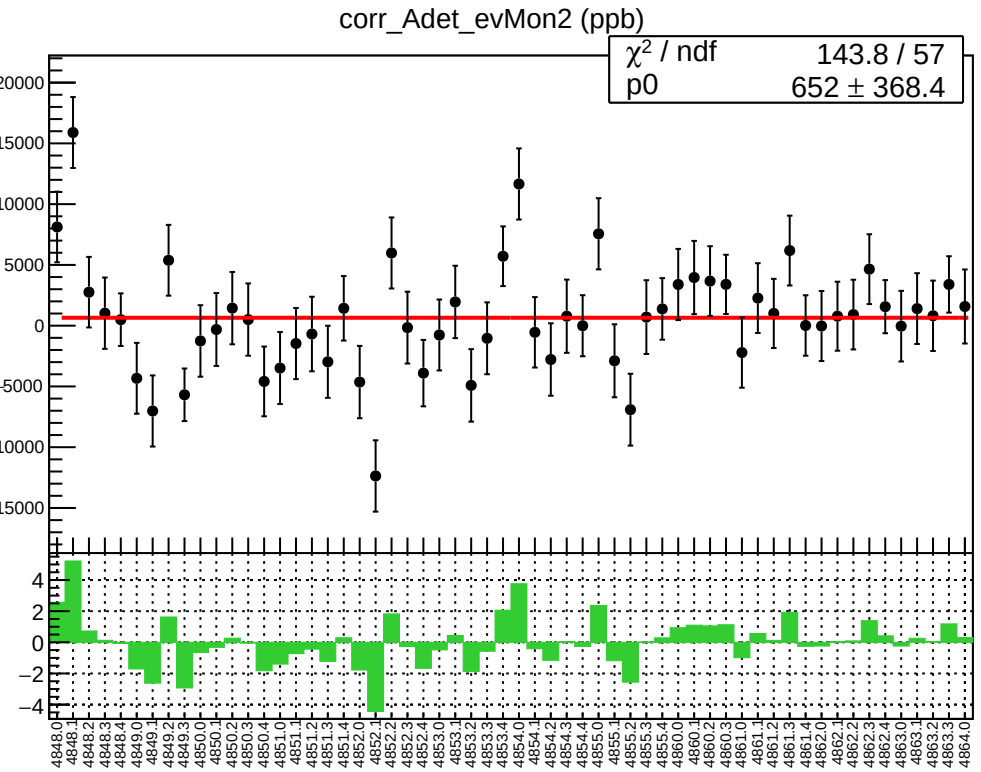

corr_Adet_evMon0 (ppb)
χ² / ndf 12.04 / 57
p0 −70.89 ± 129
1D pull distribution
Mean −6.508e−05 ± 0.05983
Std Dev 0.4557 ± 0.04231
Underflow 0
Overflow 0
χ² / ndf 0.05455 / 1
Constant 26.31 ± 4.52
Mean 0.03184 ± 0.06736
Sigma 0.4775 ± 0.0609

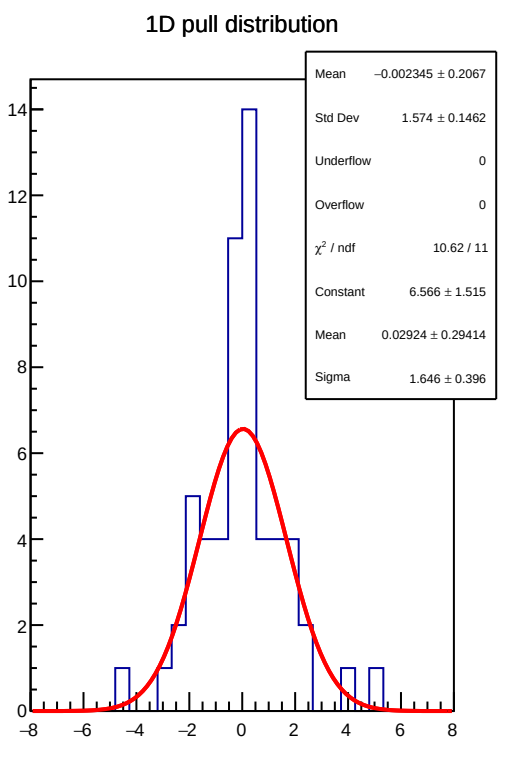

corr_Adet_evMon0 RMS (ppm)
RMS (ppm)
51
50
49
48
47
46
45
44
43
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

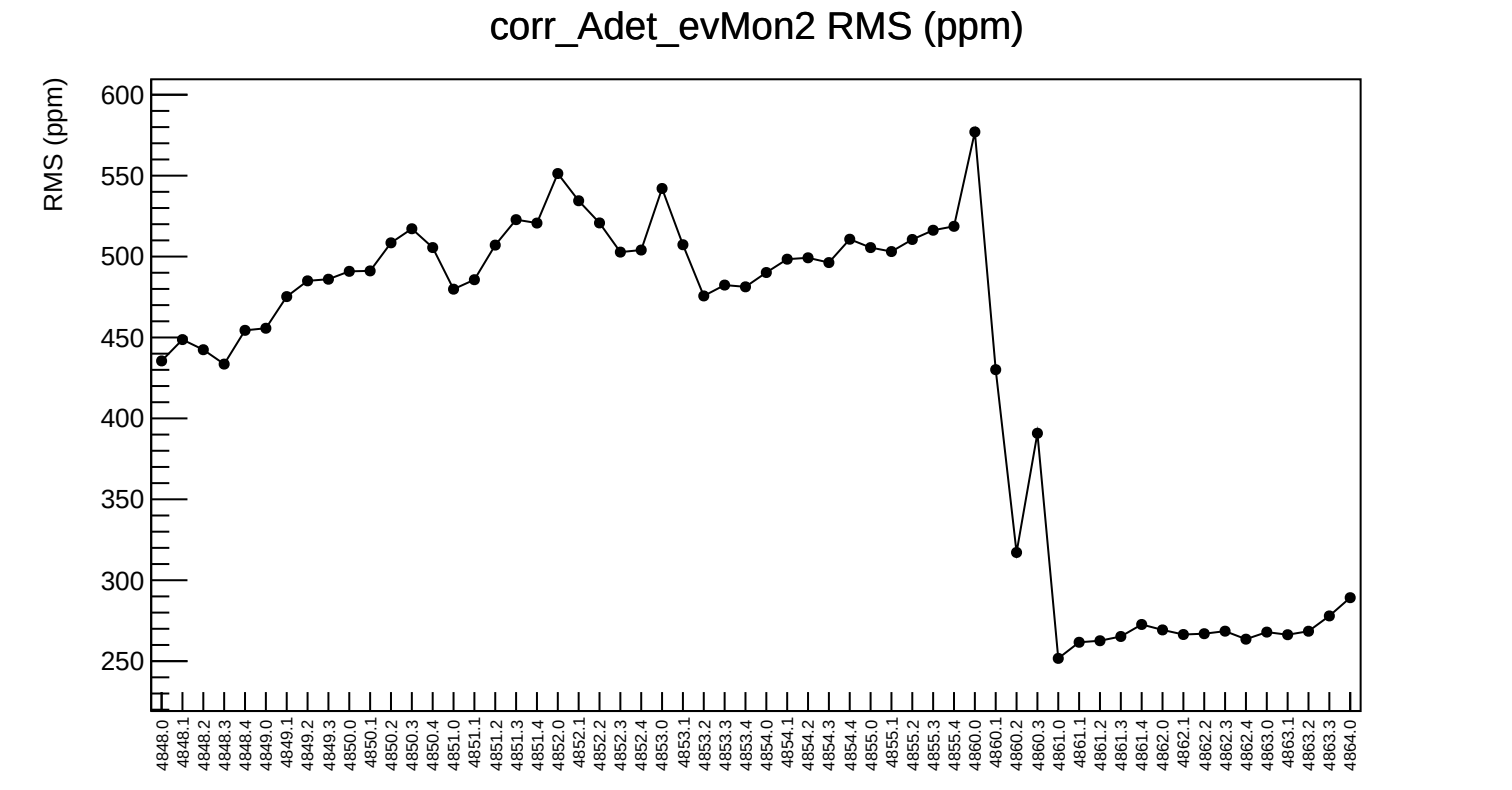

corr_Adet_evMon1 (ppb)
χ² / ndf 13.19 / 57
p0 −42.8 ± 141.2
2000
1000
0
-1000
-2000
1
0.5
0
−0.5
−1
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

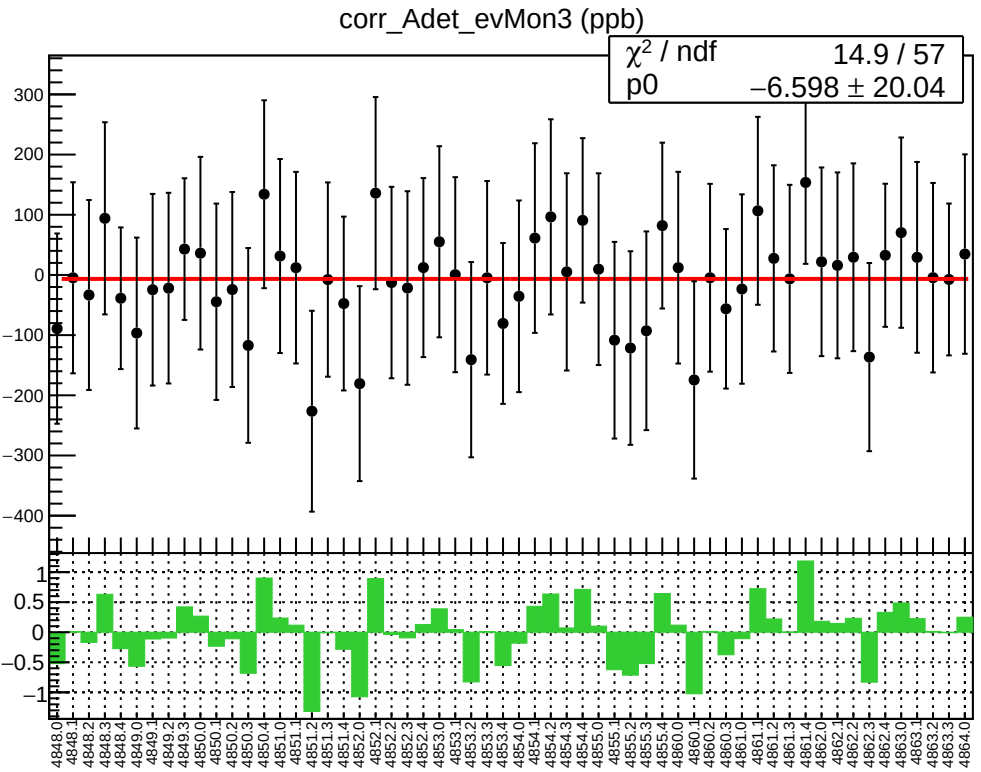

1D pull distribution
Mean −0.0004807 ± 0.06262
Std Dev 0.4769 ± 0.04428
Underflow 0
Overflow 0
χ² / ndf 0.6259 / 1
Constant 24.26 ± 4.31
Mean 0.0116 ± 0.0777
Sigma 0.5198 ± 0.0764
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

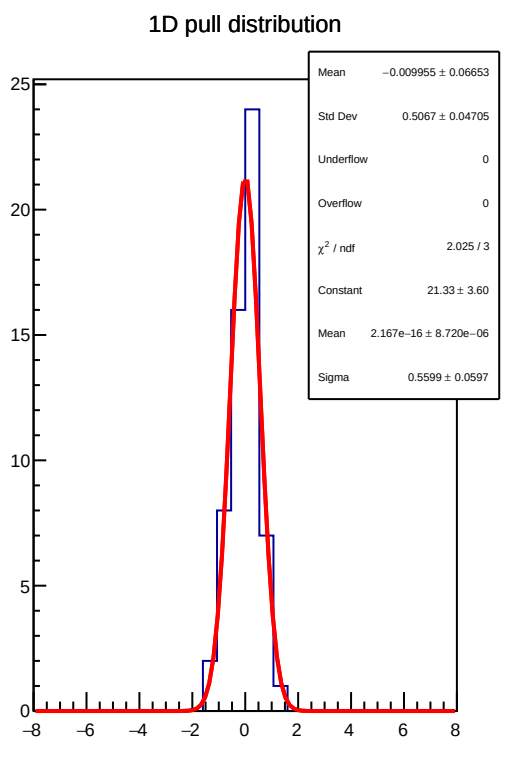

corr_Adet_evMon1 RMS (ppm)
RMS (ppm)
66
64
62
60
58
56
54
52
50
48
46
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

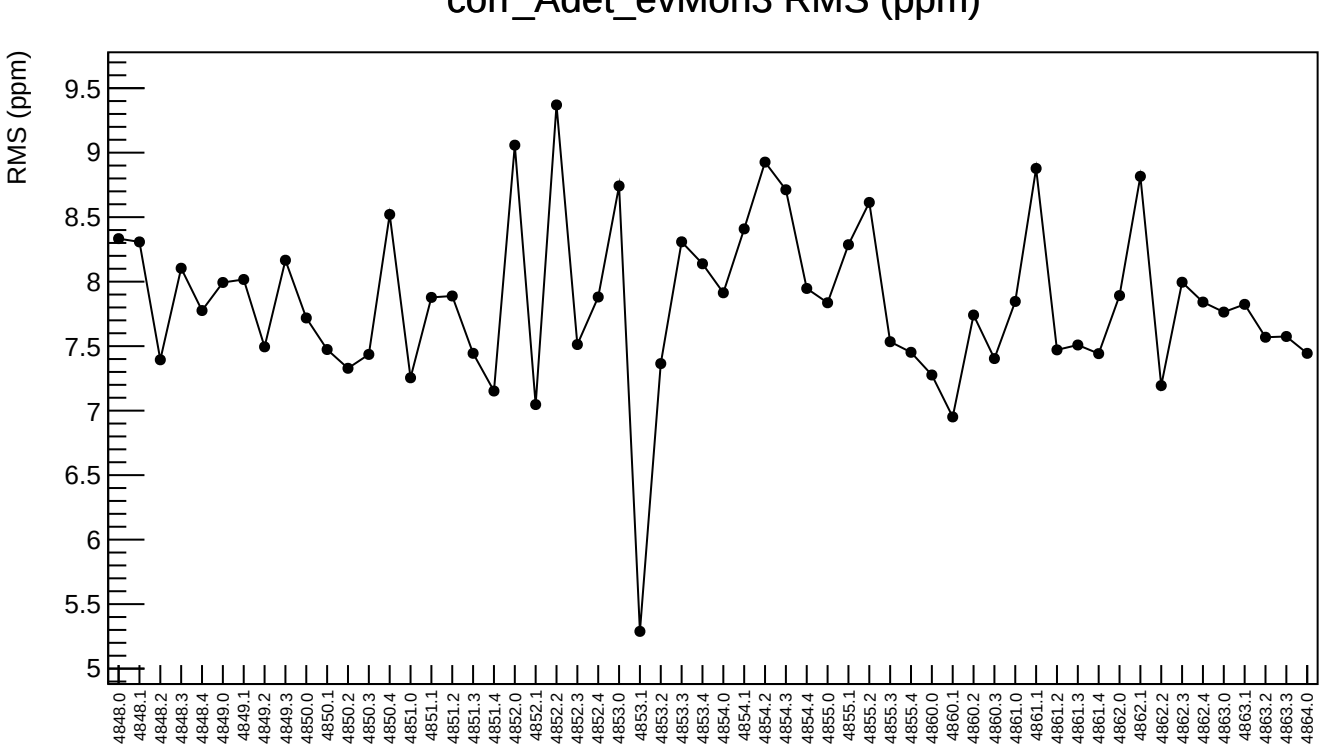

corr_Adet_evMon2 (ppb)
χ² / ndf 143.8 / 57
p0 652 ± 368.4

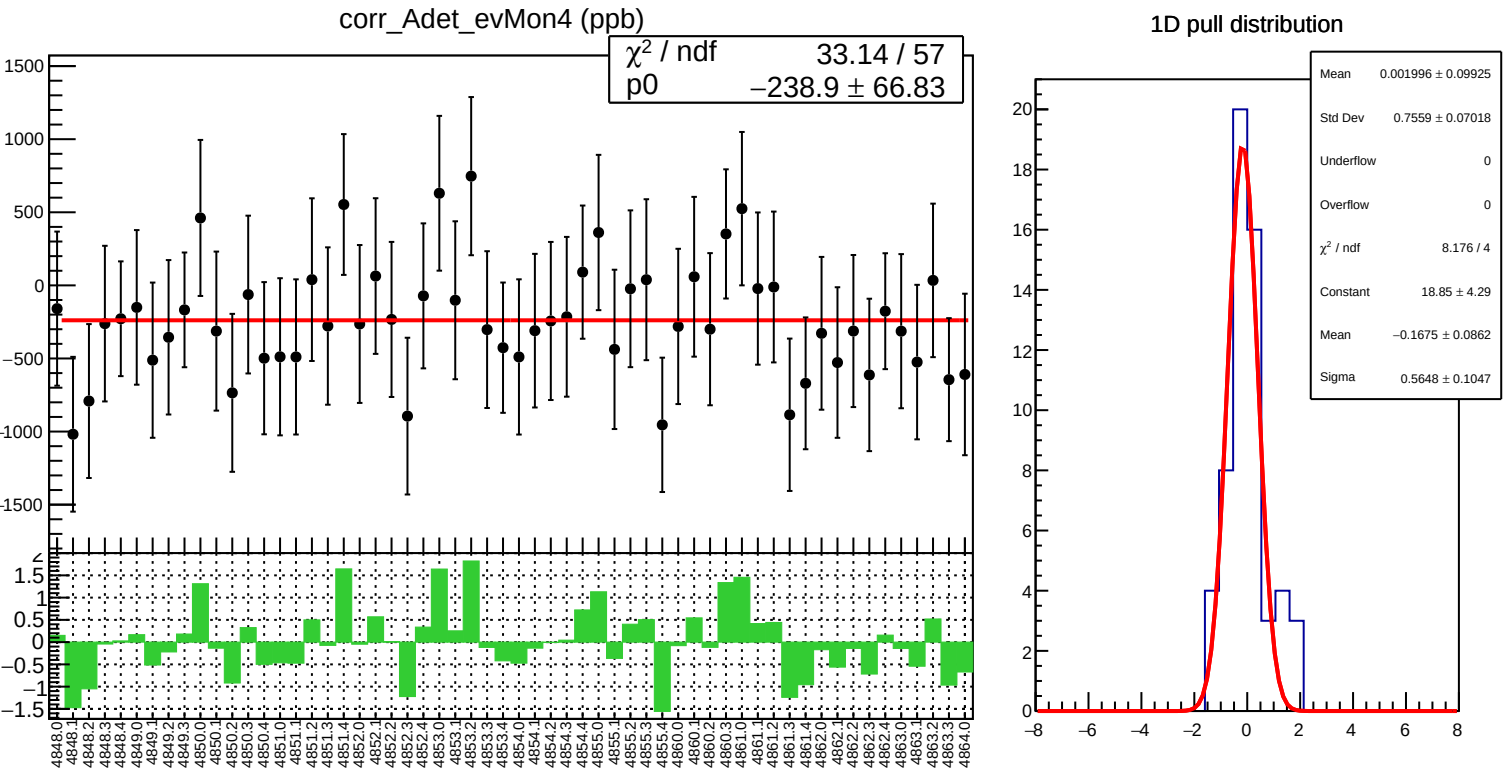

1D pull distribution
Mean −0.002345 ± 0.2067
Std Dev 1.574 ± 0.1462
Underflow 0
Overflow 0
χ² / ndf 10.62 / 11
Constant 6.566 ± 1.515
Mean 0.02924 ± 0.29414
Sigma 1.646 ± 0.396

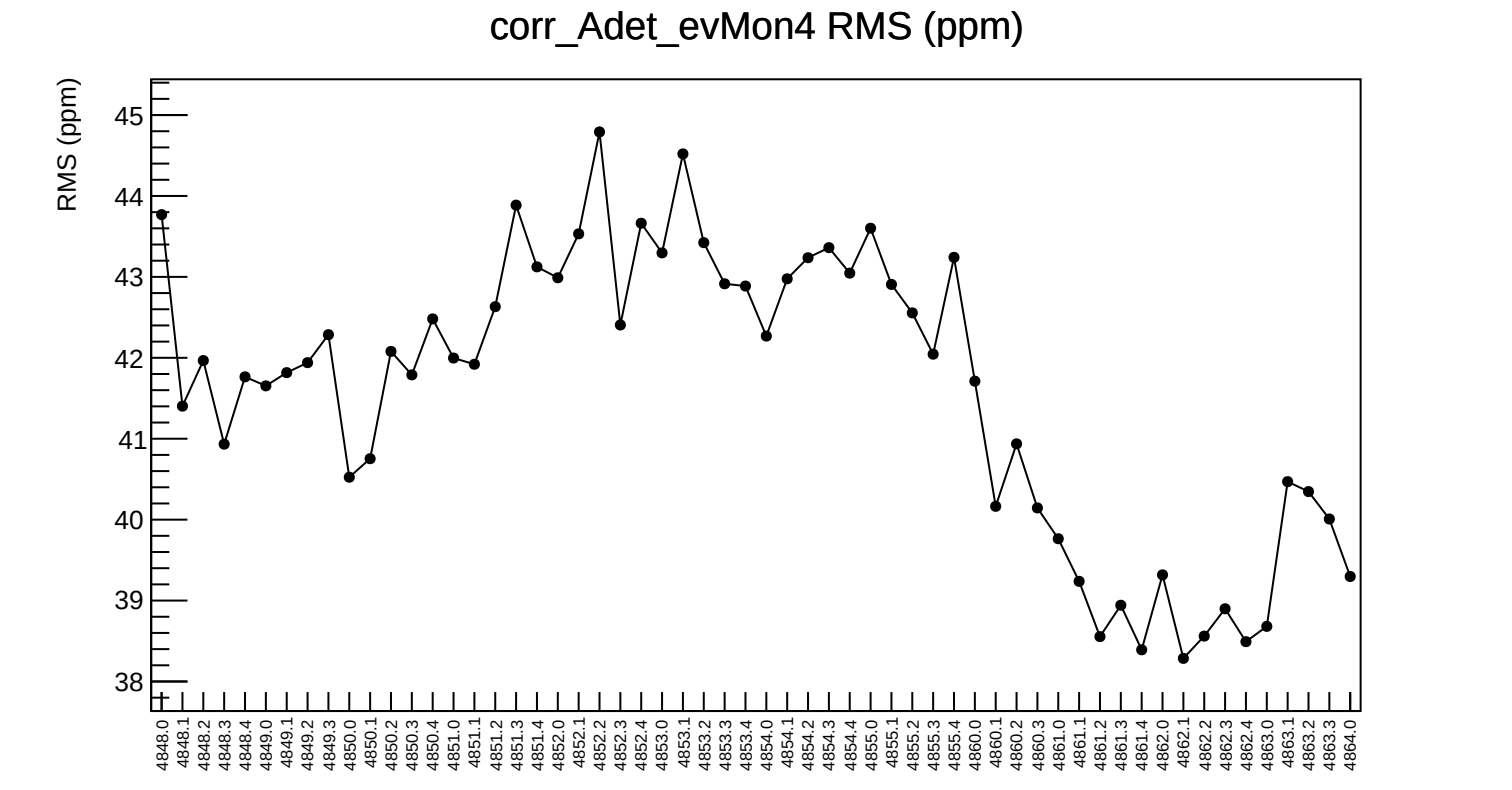

corr_Adet_evMon2 RMS (ppm)
RMS (ppm)
600
550
500
450
400
350
300
250
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

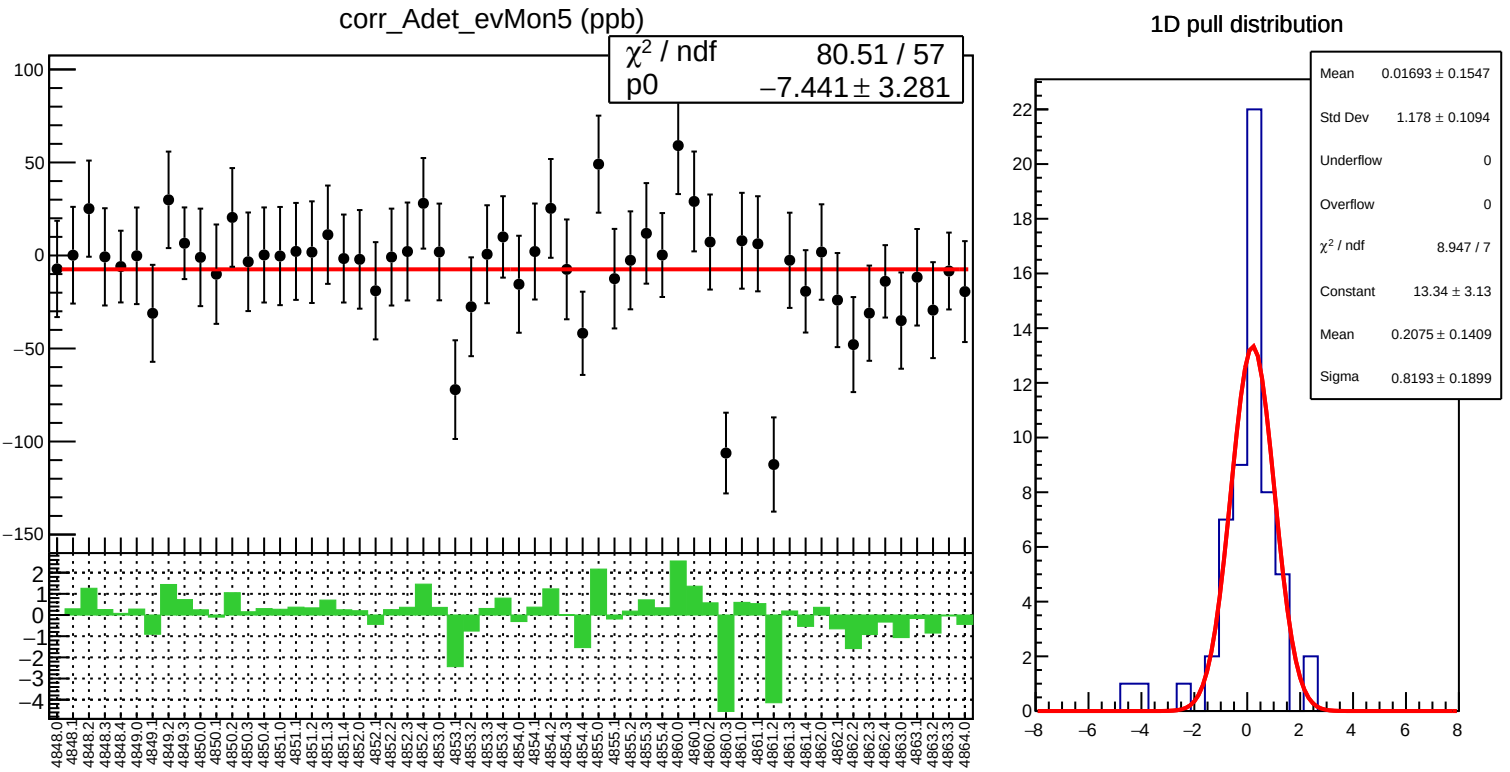

corr_Adet_evMon3 (ppb)
χ² / ndf 14.9 / 57
p0 −6.598 ± 20.04

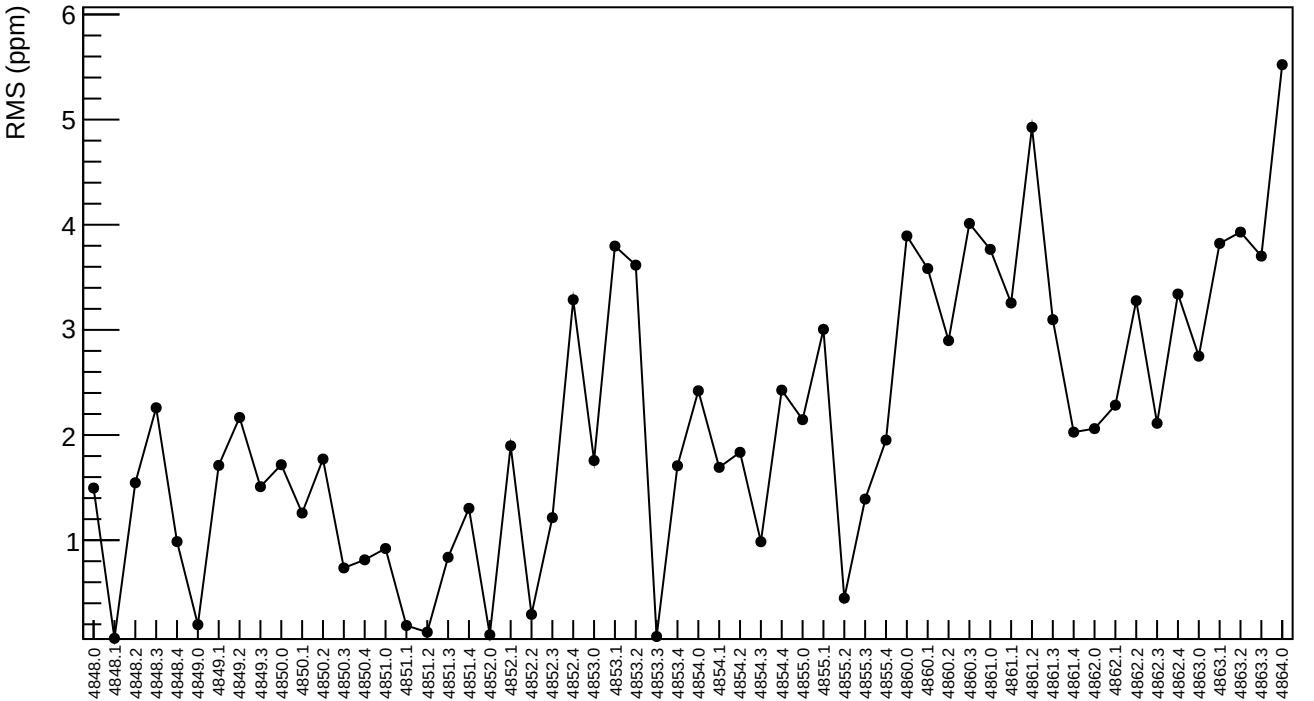

1D pull distribution
Mean −0.009955 ± 0.06653
Std Dev 0.5067 ± 0.04705
Underflow 0
Overflow 0
χ² / ndf 2.025 / 3
Constant 21.33 ± 3.60
Mean 2.167e−16 ± 8.720e−06
Sigma 0.5599 ± 0.0597

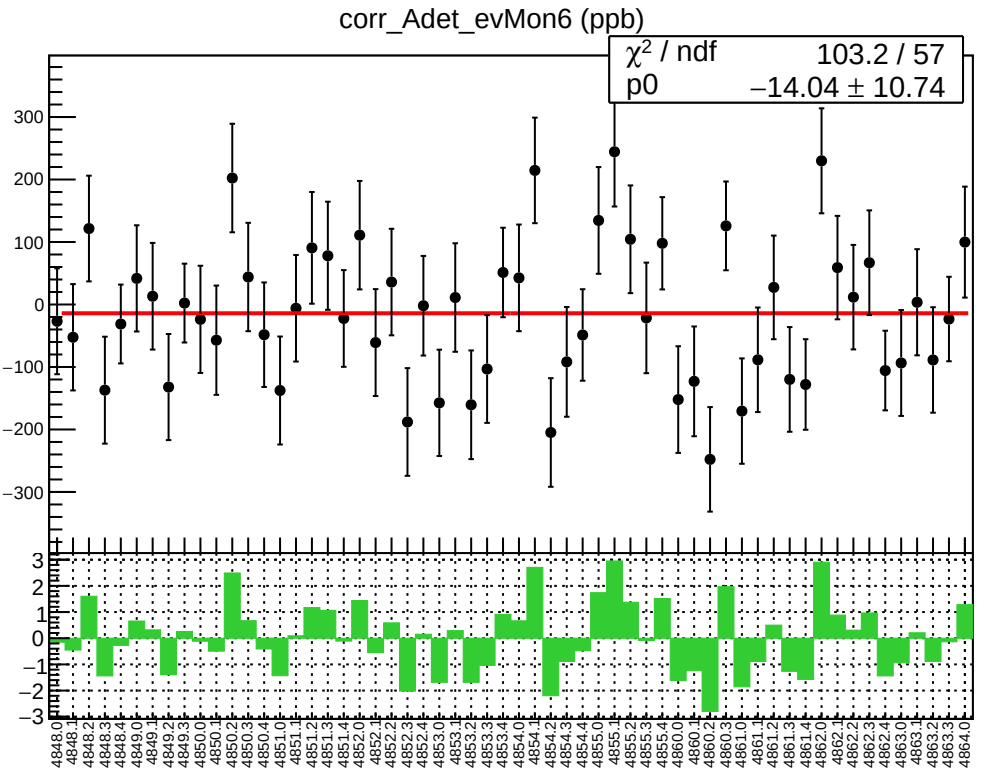

corr_Adet_evMon3 RMS (ppm)
RMS (ppm)
9.5
9
8.5
8
7.5
7
6.5
6
5.5
5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

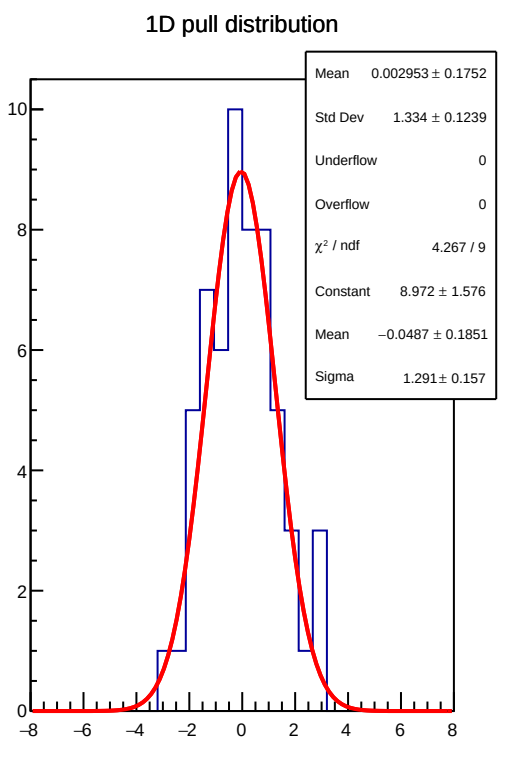

corr_Adet_evMon4 (ppb)
χ² / ndf 33.14 / 57
p0 −238.9 ± 66.83
1D pull distribution
Mean 0.001996 ± 0.09925
Std Dev 0.7559 ± 0.07018
Underflow 0
Overflow 0
χ² / ndf 8.176 / 4
Constant 18.85 ± 4.29
Mean −0.1675 ± 0.0862
Sigma 0.5648 ± 0.1047

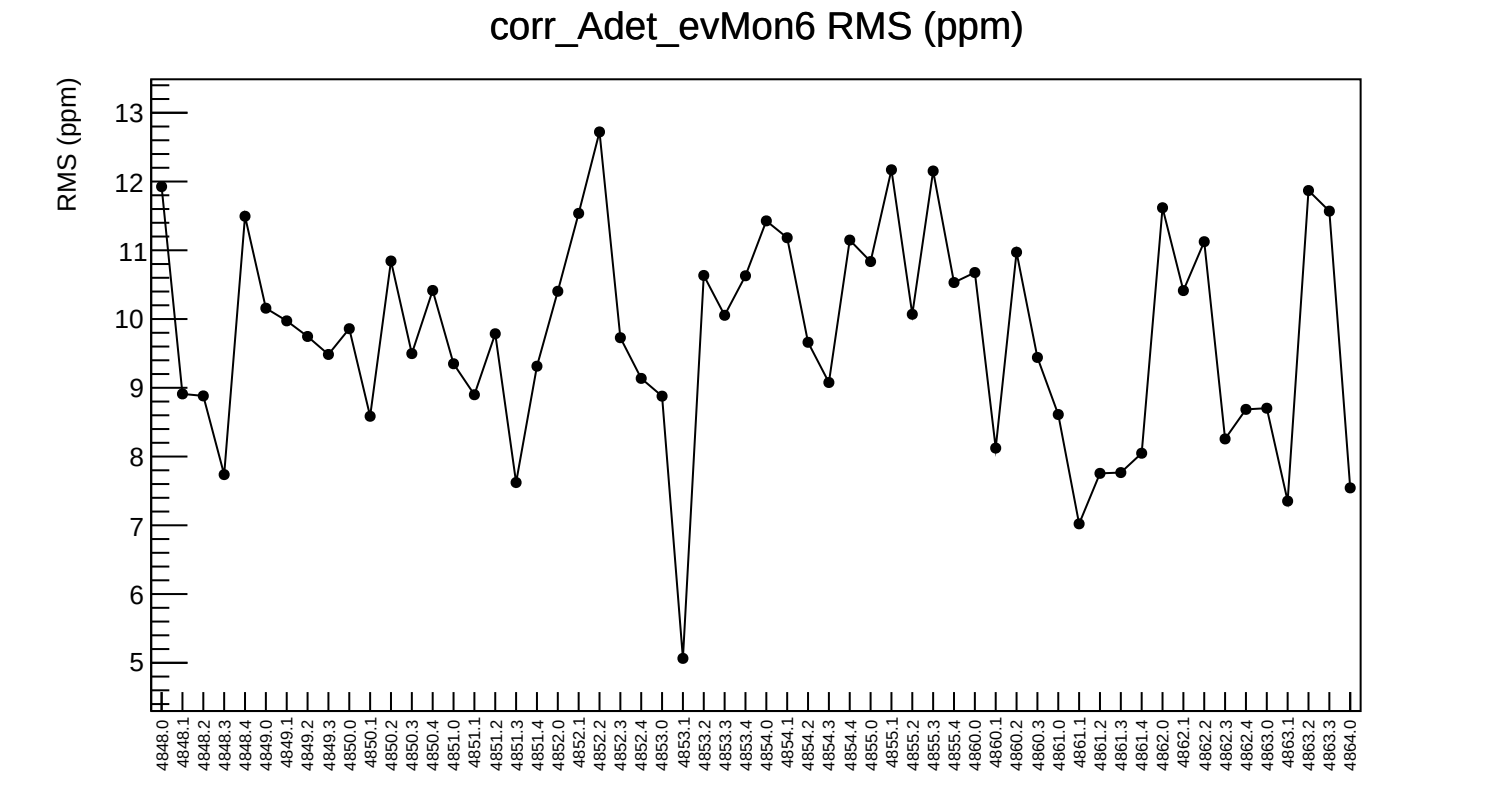

corr_Adet_evMon4 RMS (ppm)
RMS (ppm)
45
44
43
42
41
40
39
38
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

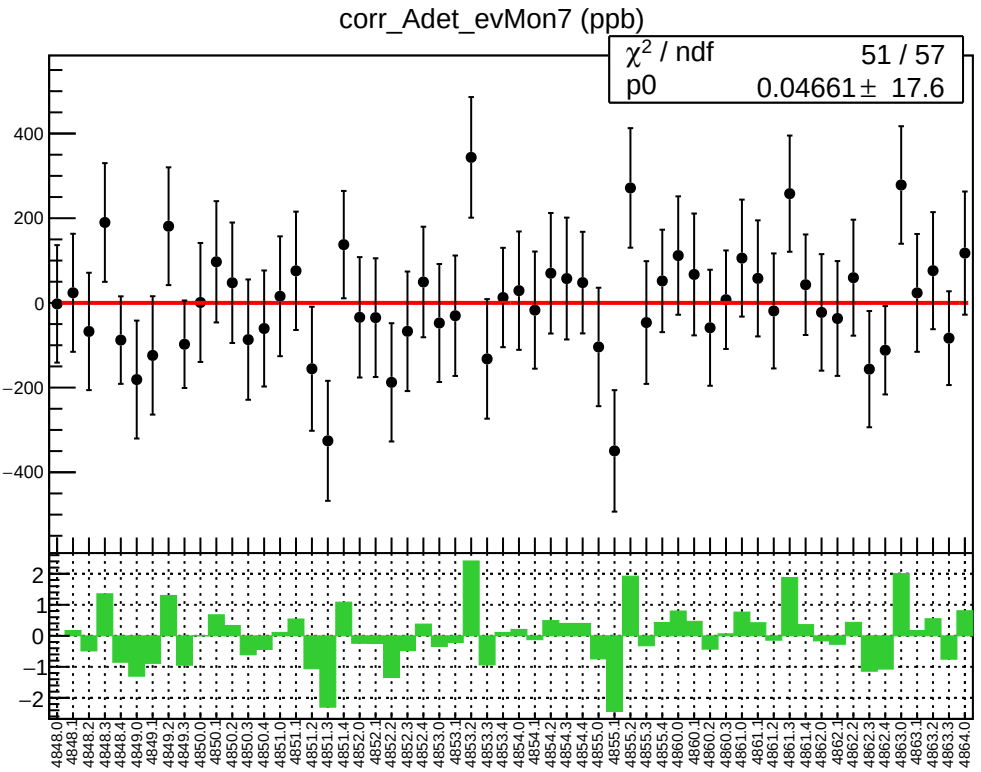

corr_Adet_evMon5 (ppb)
χ² / ndf 80.51 / 57
p0 −7.441 ± 3.281
1D pull distribution
Mean 0.01693 ± 0.1547
Std Dev 1.178 ± 0.1094
Underflow 0
Overflow 0
χ² / ndf 8.947 / 7
Constant 13.34 ± 3.13
Mean 0.2075 ± 0.1409
Sigma 0.8193 ± 0.1899

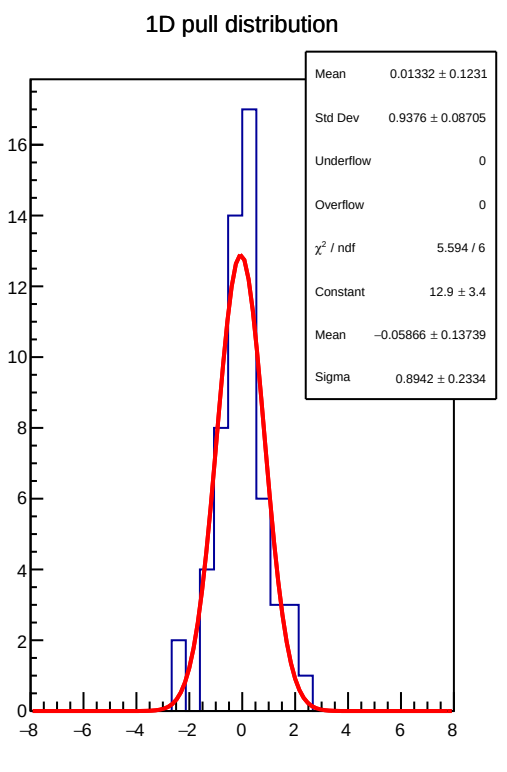

corr_Adet_evMon5 RMS (ppm)
RMS (ppm)
6
5
4
3
2
1
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

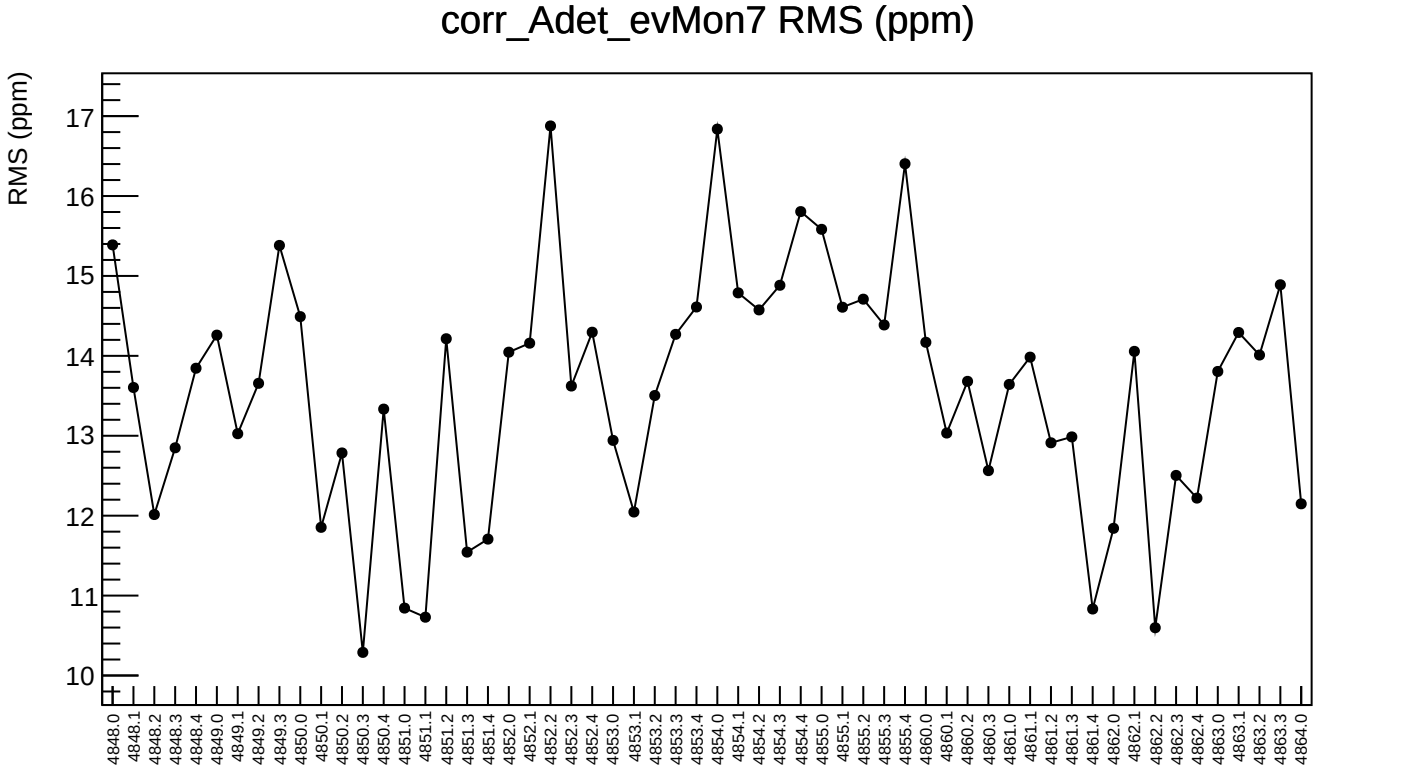

corr_Adet_evMon6 (ppb)
χ² / ndf 103.2 / 57
p0 −14.04 ± 10.74

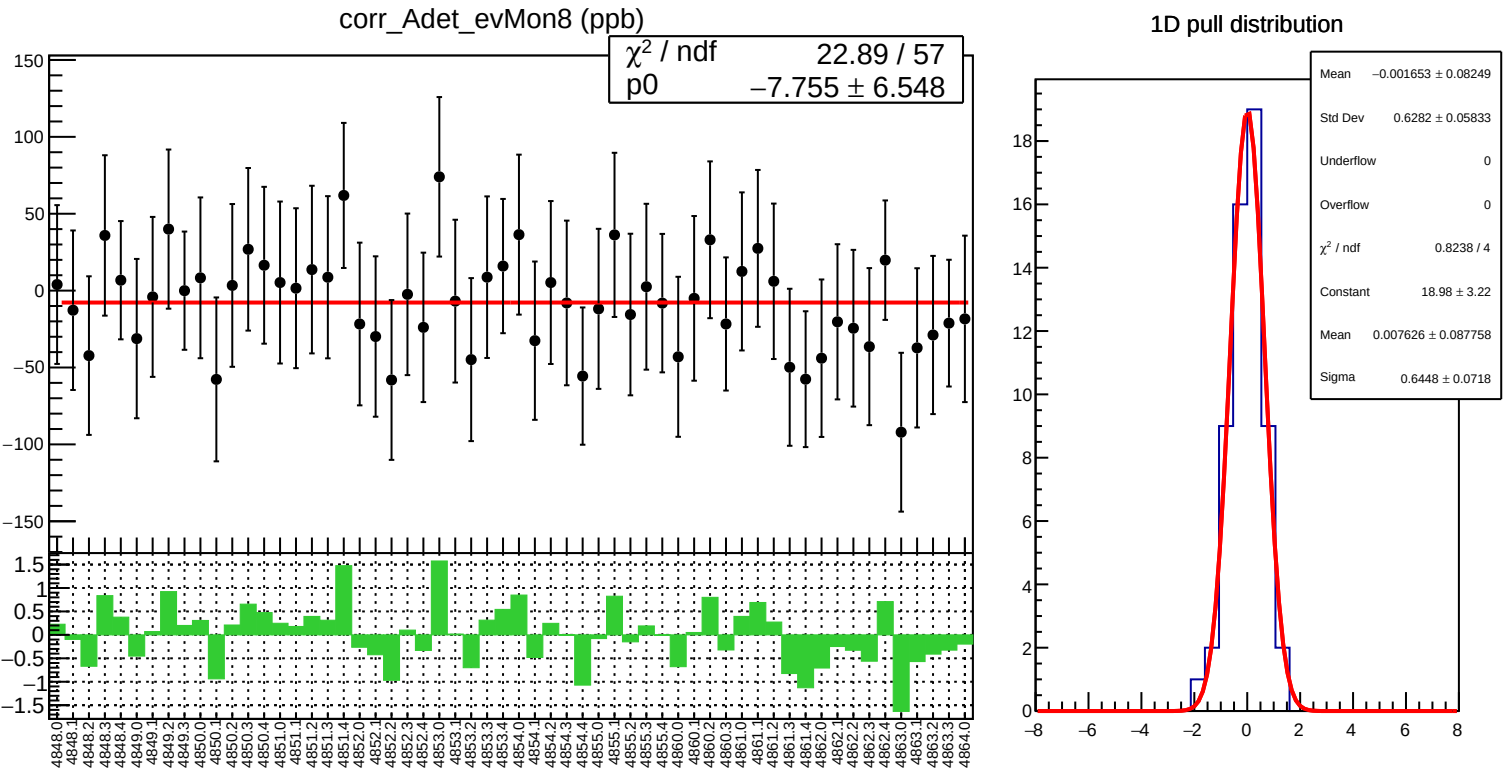

1D pull distribution
Mean 0.002953 ± 0.1752
Std Dev 1.334 ± 0.1239
Underflow 0
Overflow 0
χ² / ndf 4.267 / 9
Constant 8.972 ± 1.576
Mean −0.0487 ± 0.1851
Sigma 1.291 ± 0.157

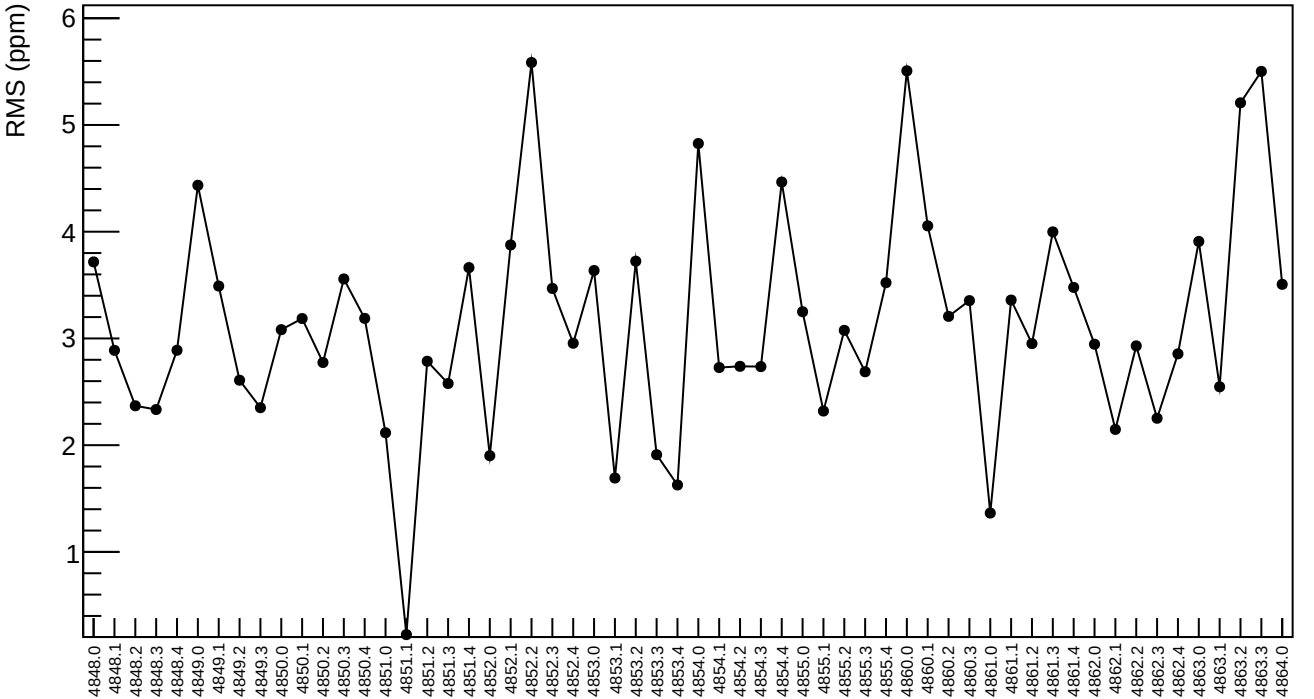

corr_Adet_evMon6 RMS (ppm)
RMS (ppm)
13
12
11
10
9
8
7
6
5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

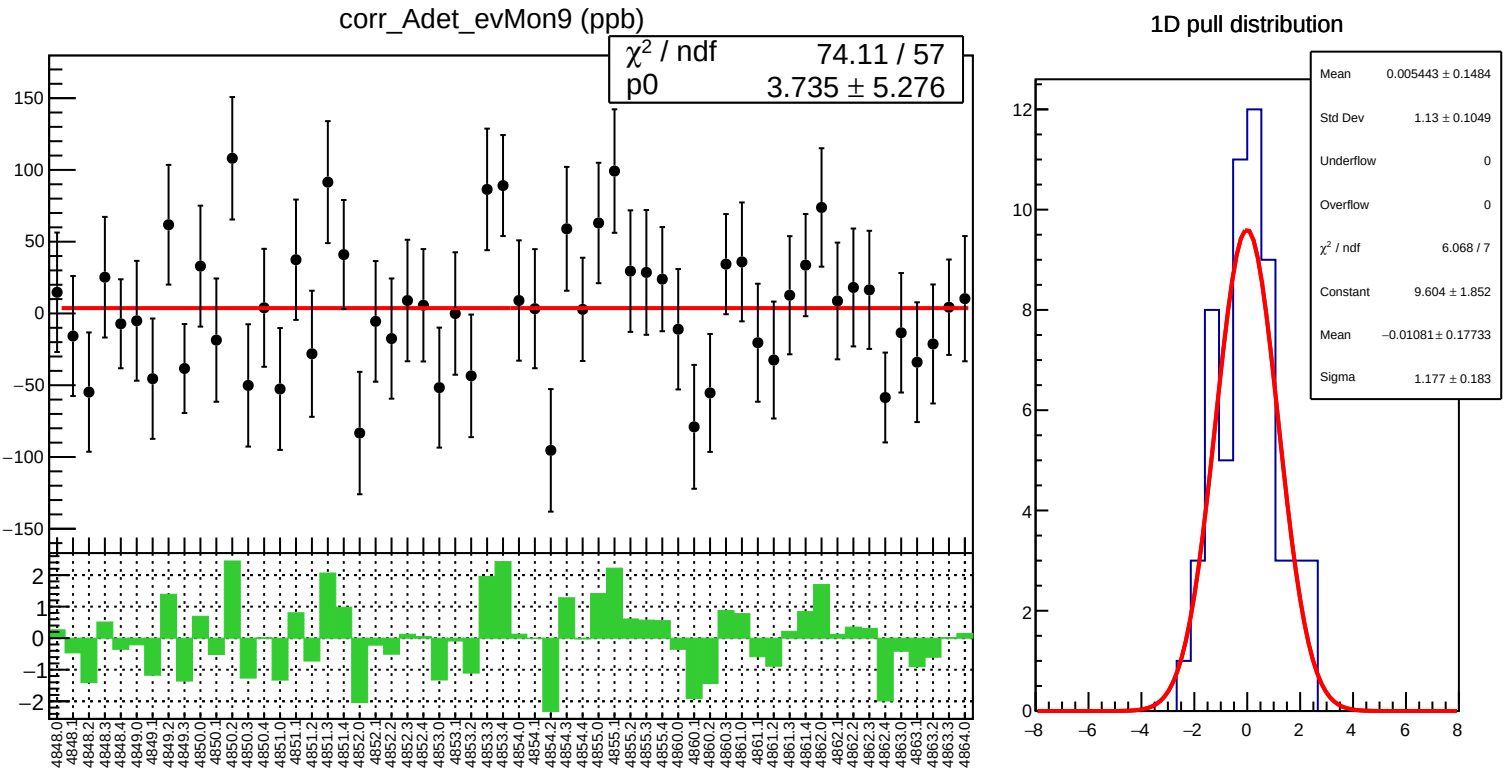

corr_Adet_evMon7 (ppb)
χ² / ndf 51 / 57
p0 0.04661 ± 17.6
400
200
0
−200
−400
2
1
0
−1
−2
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

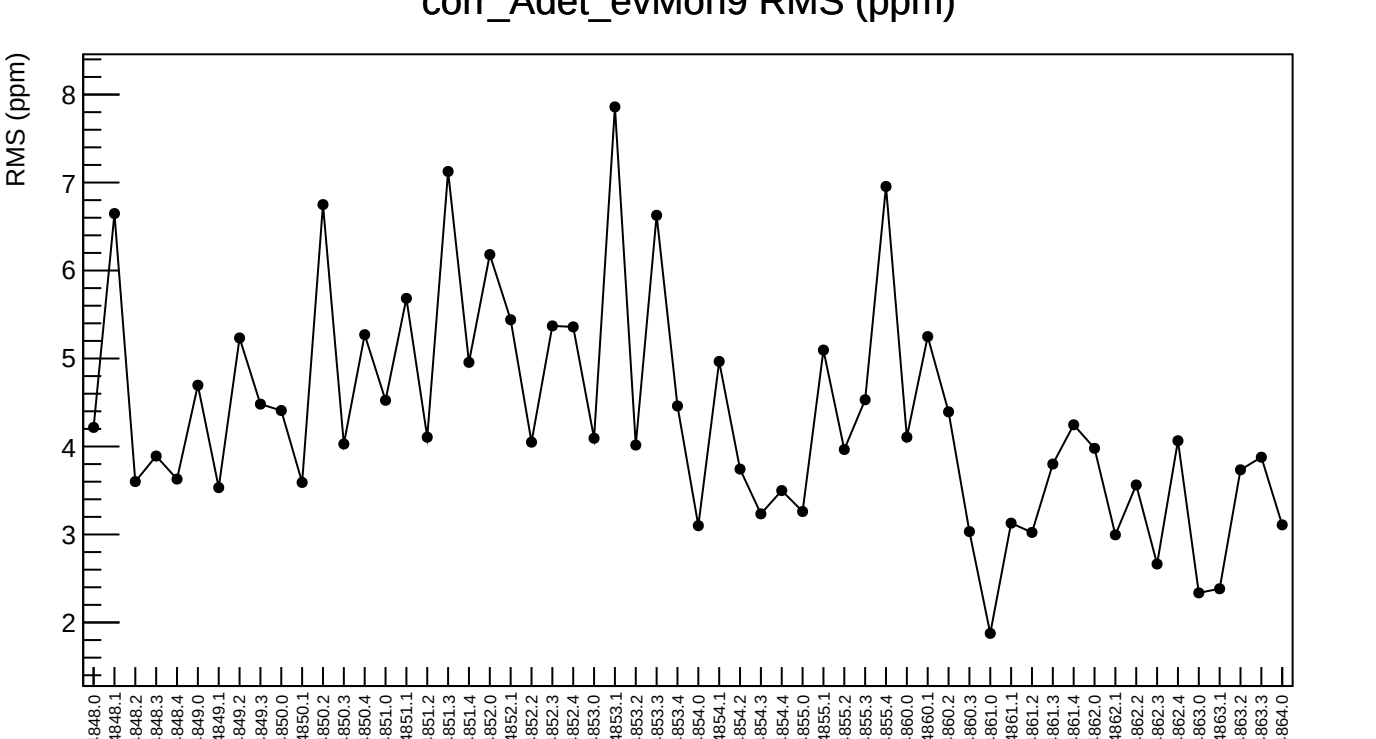

1D pull distribution
Mean 0.01332 ± 0.1231
Std Dev 0.9376 ± 0.08705
Underflow 0
Overflow 0
χ² / ndf 5.594 / 6
Constant 12.9 ± 3.4
Mean −0.05866 ± 0.13739
Sigma 0.8942 ± 0.2334
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

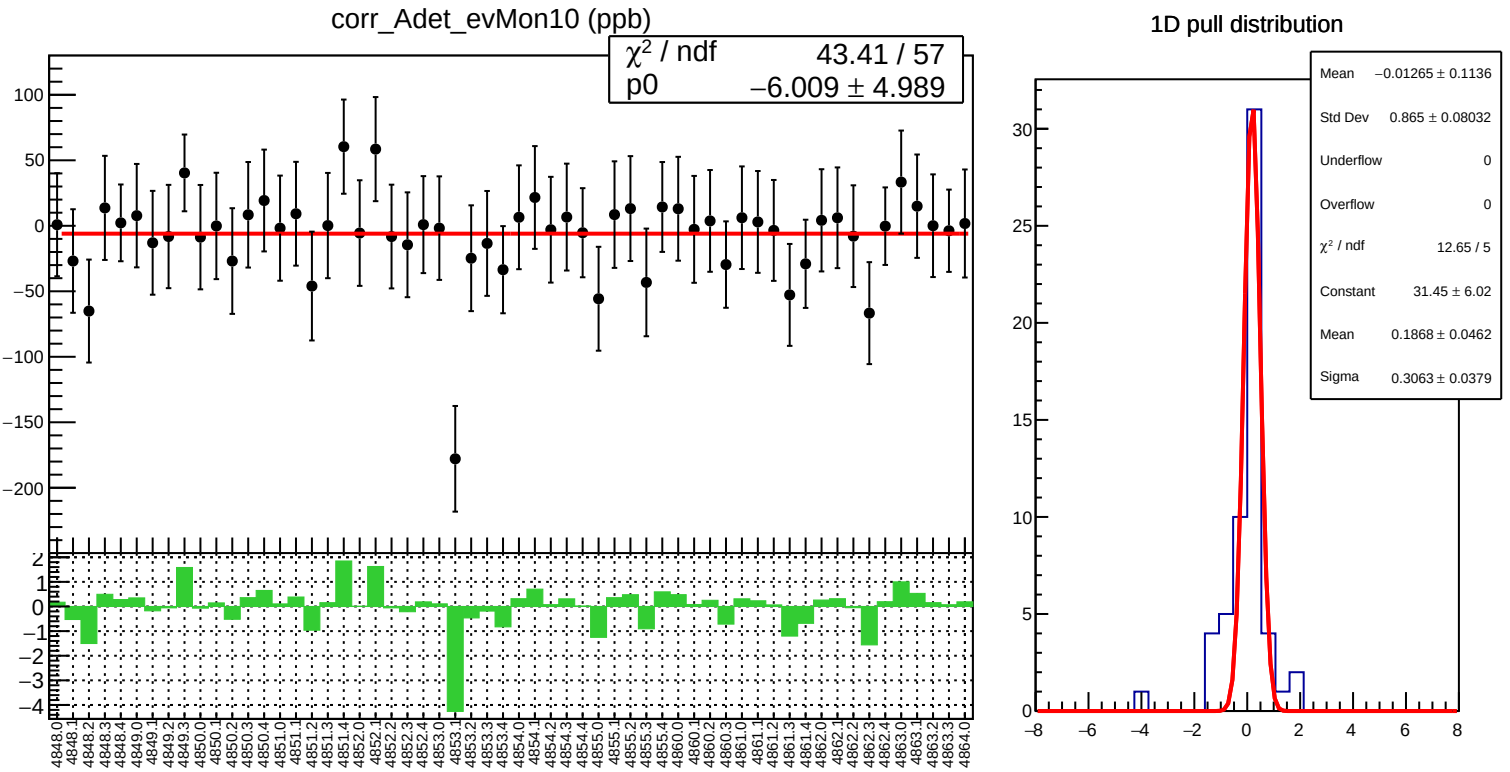

corr_Adet_evMon7 RMS (ppm)
RMS (ppm)
17
16
15
14
13
12
11
10
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

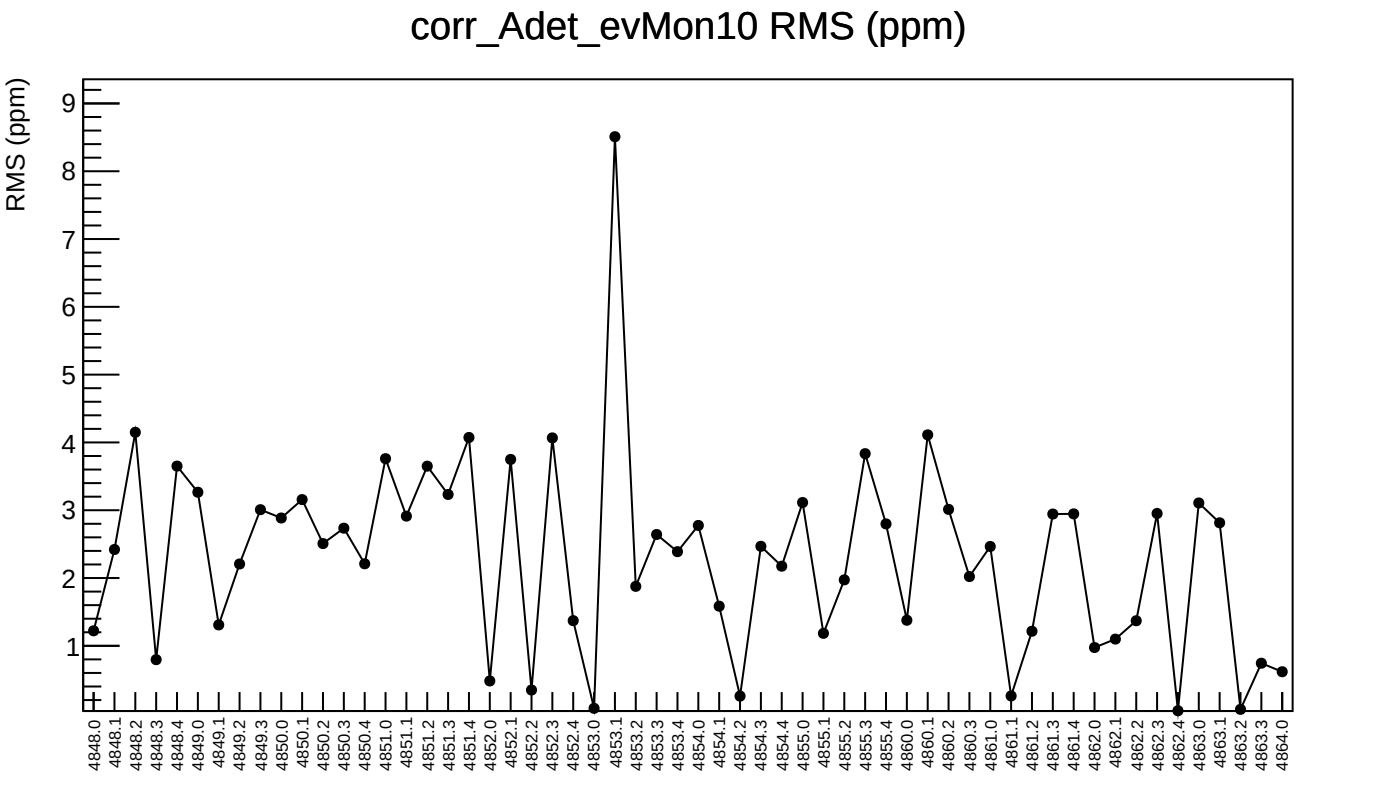

corr_Adet_evMon8 (ppb)
χ² / ndf 22.89 / 57
p0 −7.755 ± 6.548
1D pull distribution
Mean −0.001653 ± 0.08249
Std Dev 0.6282 ± 0.05833
Underflow 0
Overflow 0
χ² / ndf 0.8238 / 4
Constant 18.98 ± 3.22
Mean 0.007626 ± 0.087758
Sigma 0.6448 ± 0.0718

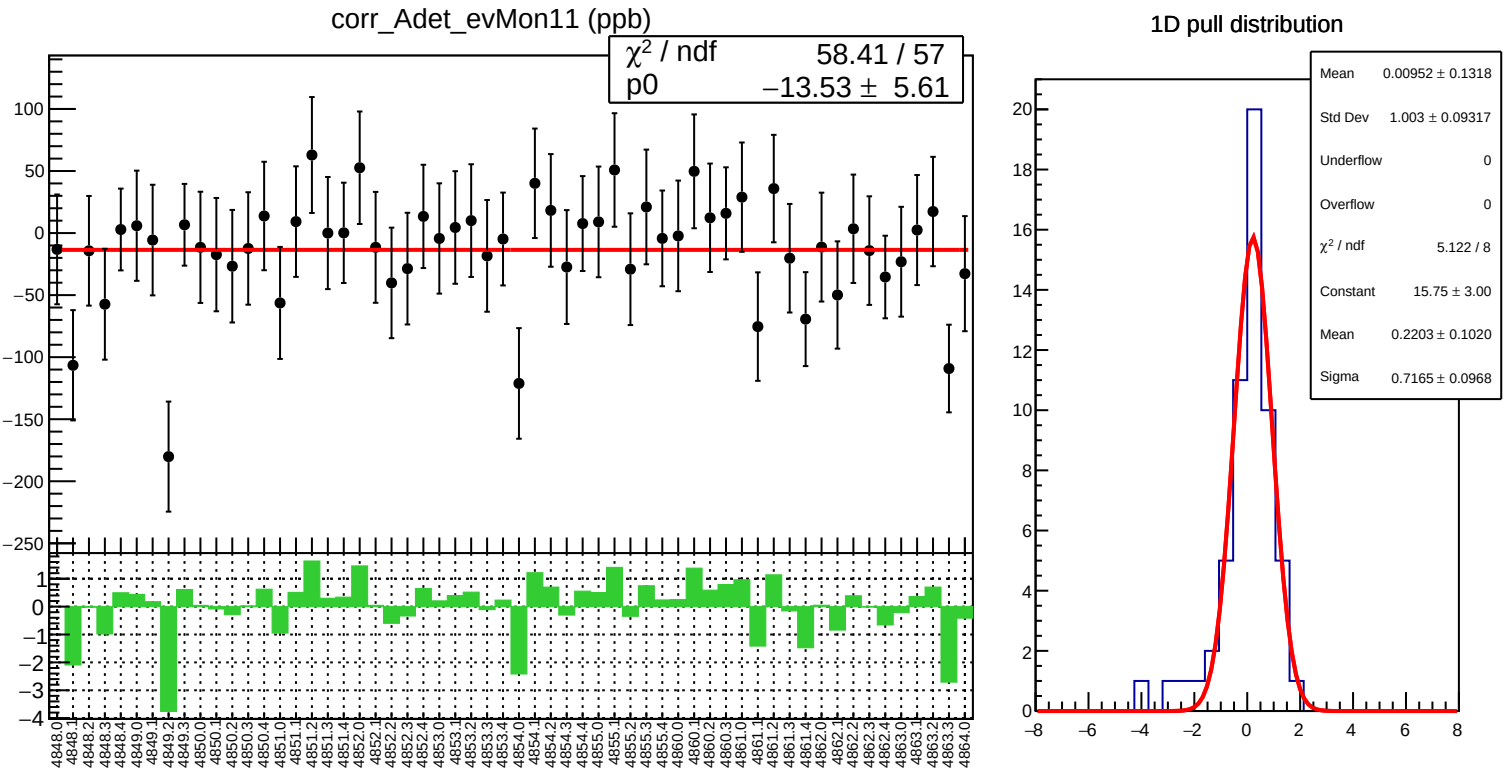

corr_Adet_evMon8 RMS (ppm)
RMS (ppm)
6
5
4
3
2
1
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

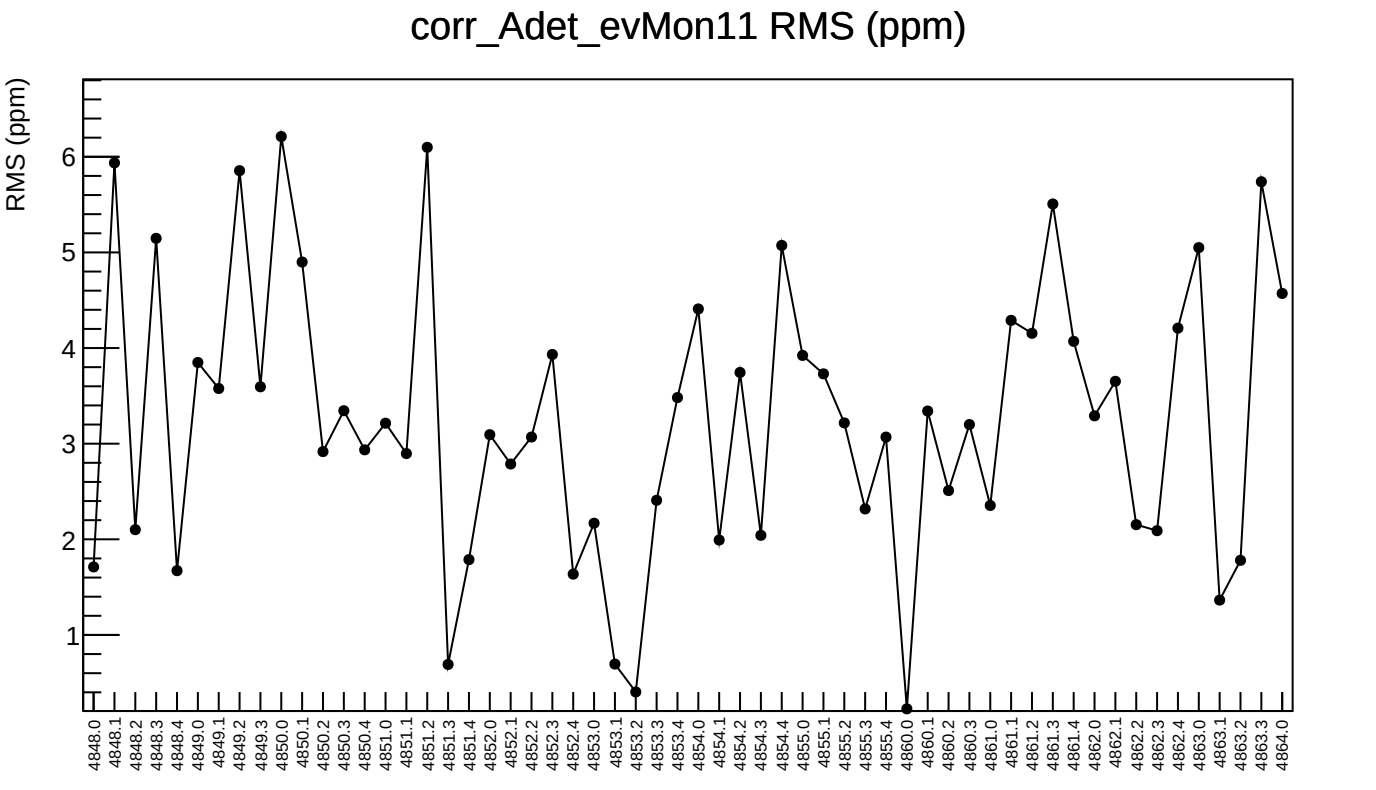

corr_Adet_evMon9 (ppb)
χ² / ndf 74.11 / 57
p0 3.735 ± 5.276
1D pull distribution
Mean 0.005443 ± 0.1484
Std Dev 1.13 ± 0.1049
Underflow 0
Overflow 0
χ² / ndf 6.068 / 7
Constant 9.604 ± 1.852
Mean −0.01081 ± 0.17733
Sigma 1.177 ± 0.183

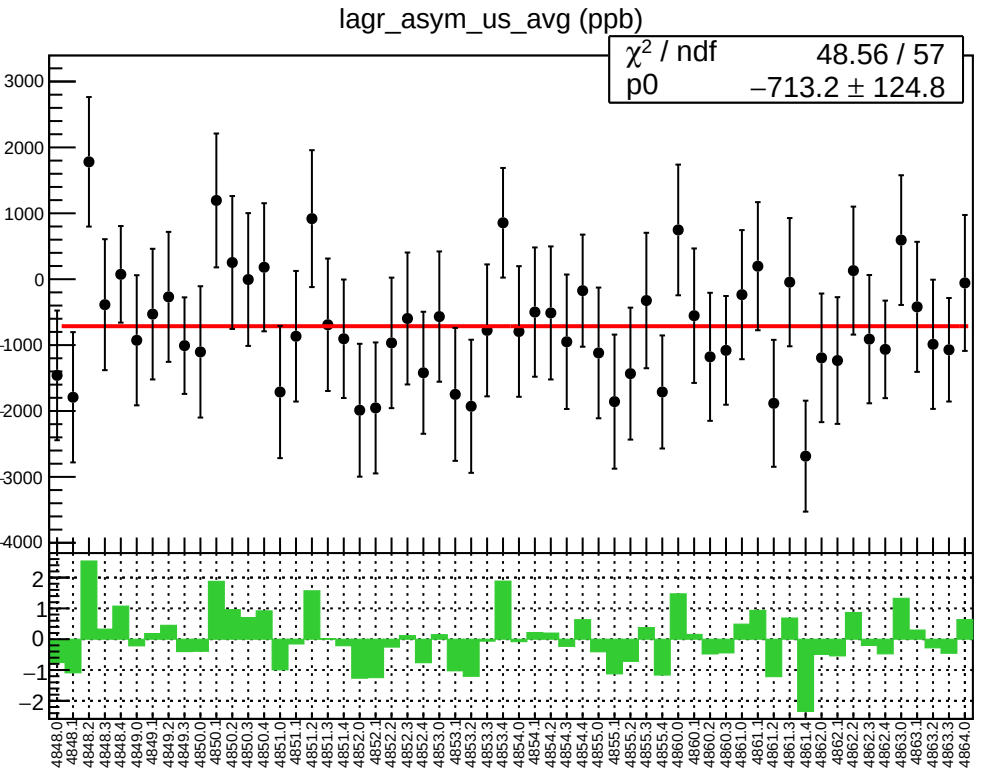

corr_Adet_evMon9 RMS (ppm)
RMS (ppm)
8
7
6
5
4
3
2
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

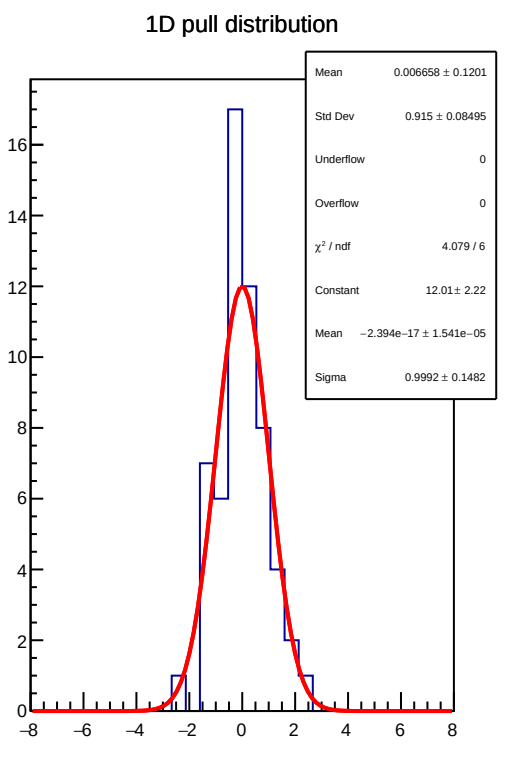

corr_Adet_evMon10 (ppb)
χ² / ndf 43.41 / 57
p0 −6.009 ± 4.989
1D pull distribution
Mean −0.01265 ± 0.1136
Std Dev 0.865 ± 0.08032
Underflow 0
Overflow 0
χ² / ndf 12.65 / 5
Constant 31.45 ± 6.02
Mean 0.1868 ± 0.0462
Sigma 0.3063 ± 0.0379

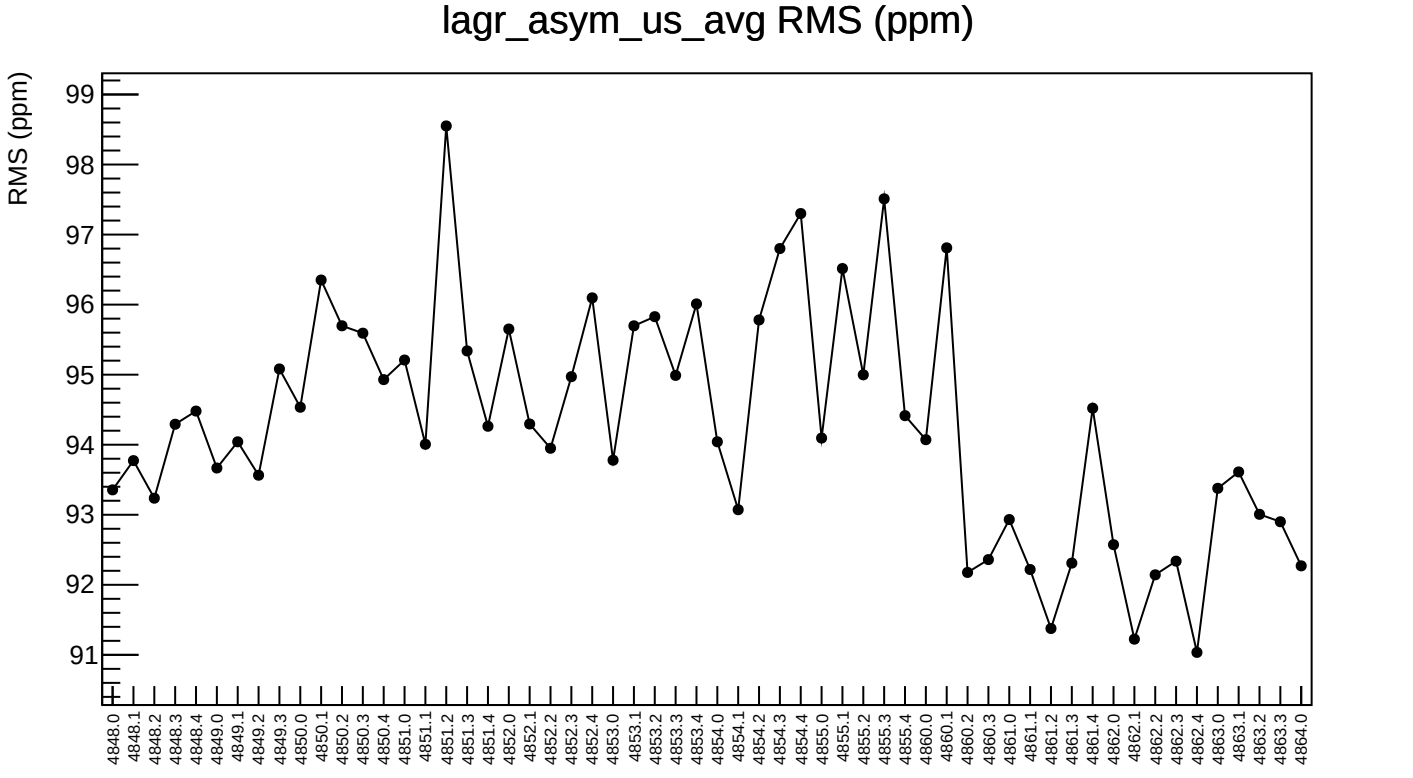

corr_Adet_evMon10 RMS (ppm)
RMS (ppm)
9
8
7
6
5
4
3
2
1
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

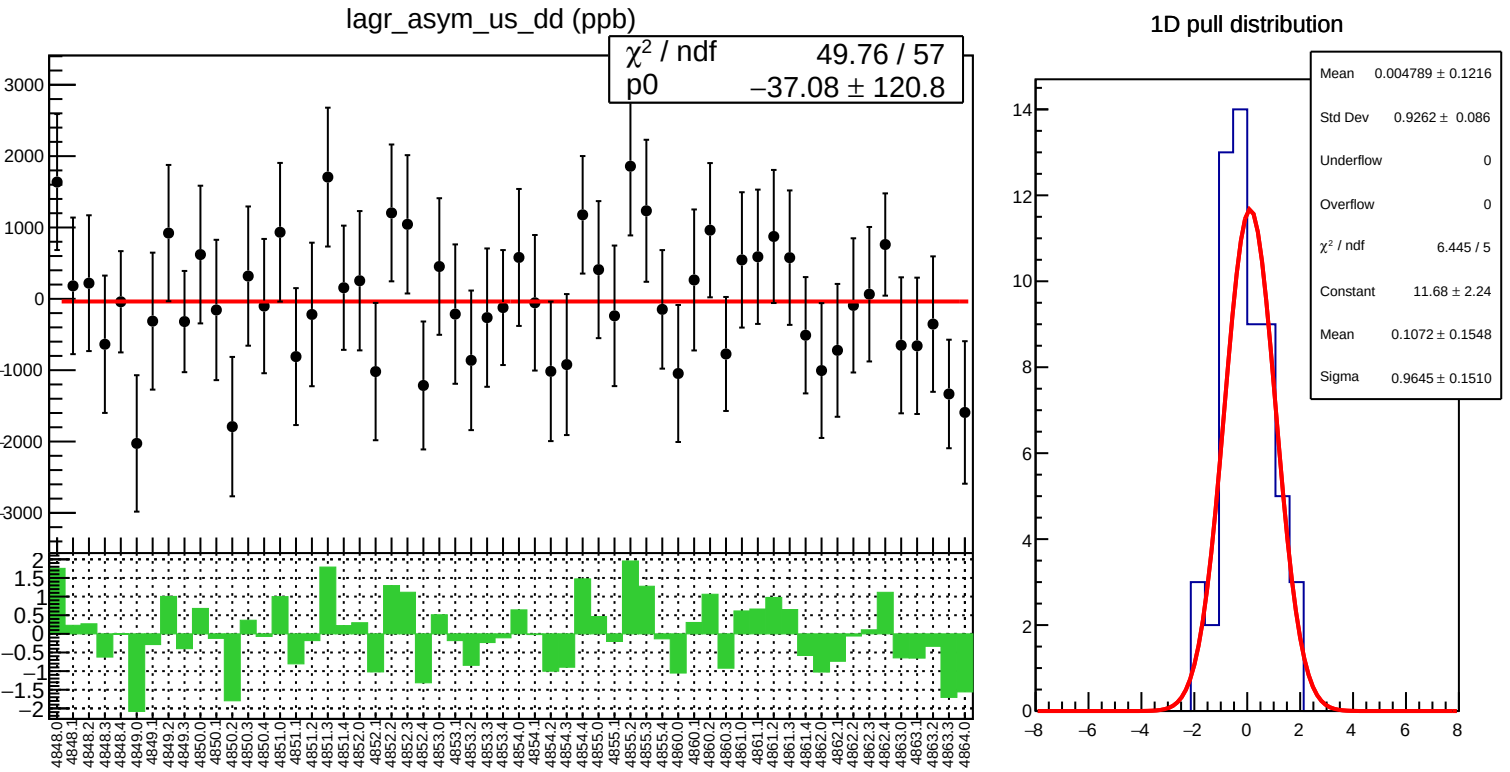

corr_Adet_evMon11 (ppb)
χ² / ndf 58.41 / 57
p0 −13.53 ± 5.61
1D pull distribution
Mean 0.00952 ± 0.1318
Std Dev 1.003 ± 0.09317
Underflow 0
Overflow 0
χ² / ndf 5.122 / 8
Constant 15.75 ± 3.00
Mean 0.2203 ± 0.1020
Sigma 0.7165 ± 0.0968

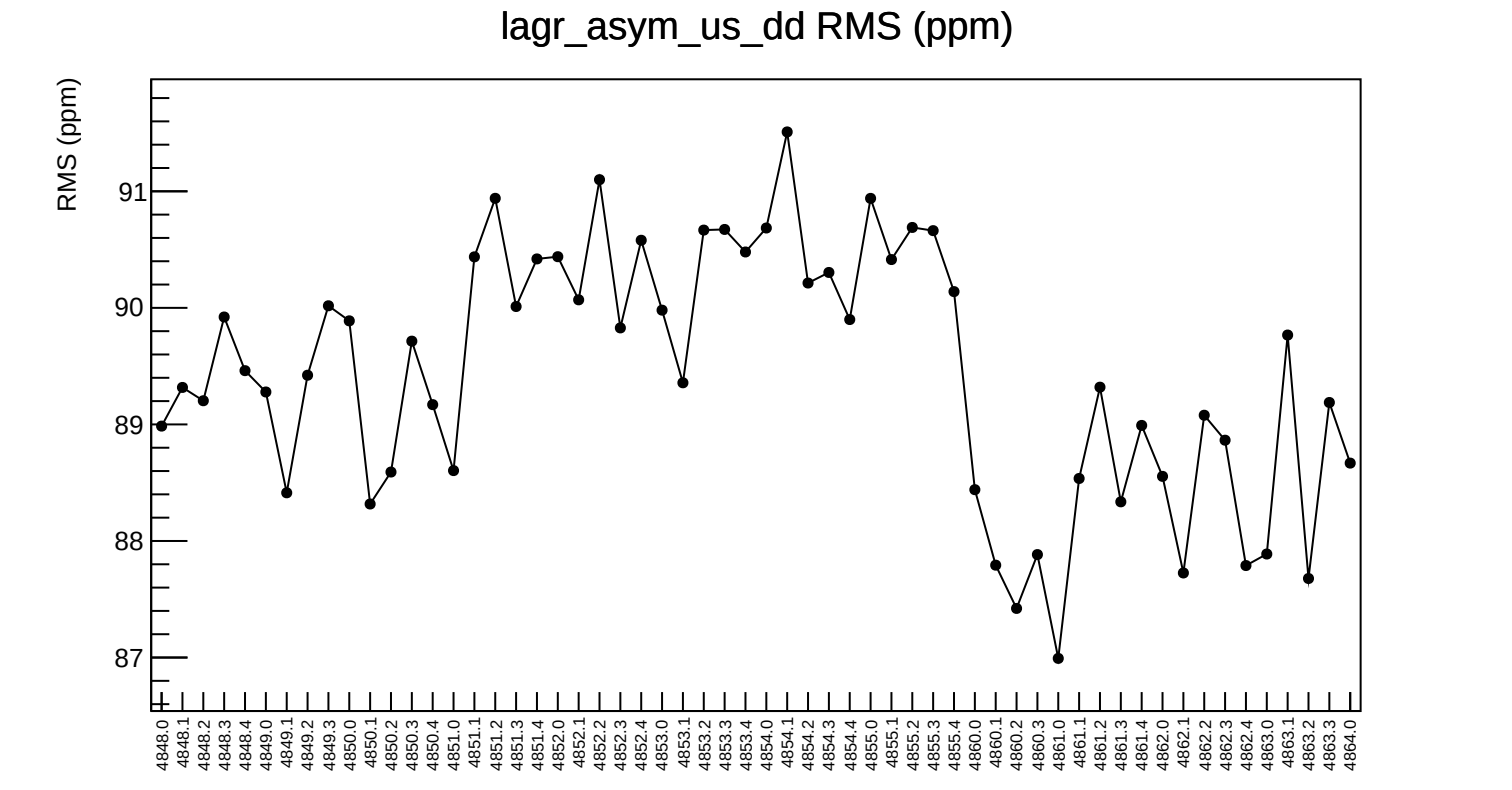

corr_Adet_evMon11 RMS (ppm)
RMS (ppm)
1
2
3
4
5
6
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

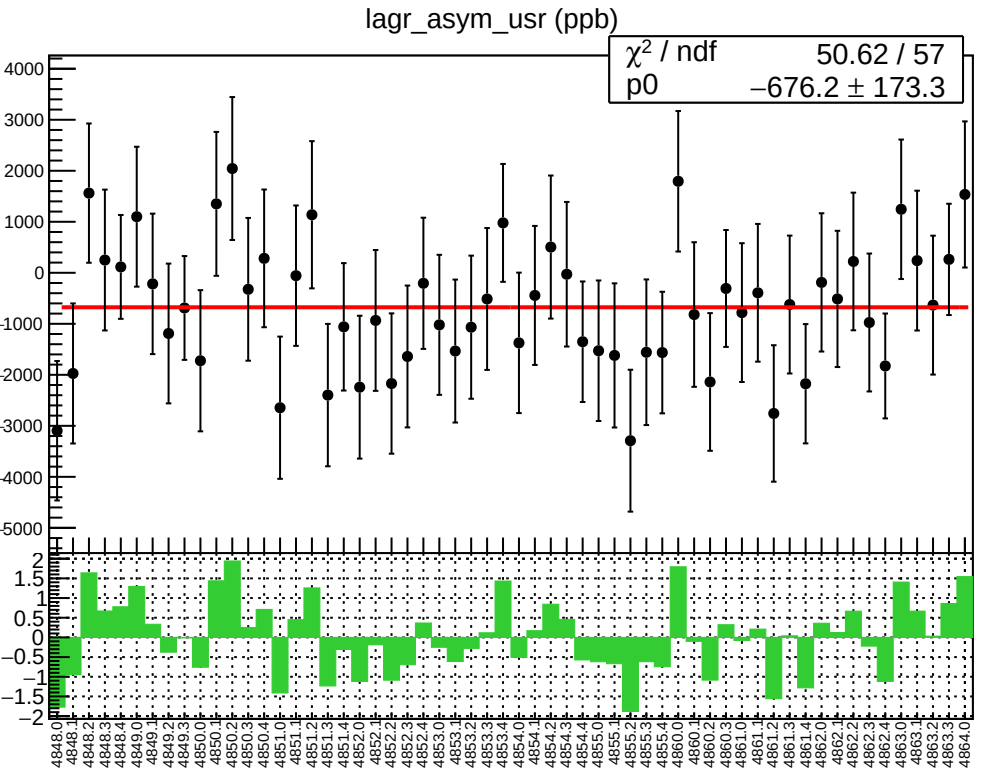

lagr_asym_us_avg (ppb)
χ² / ndf 48.56 / 57
p0 −713.2 ± 124.8

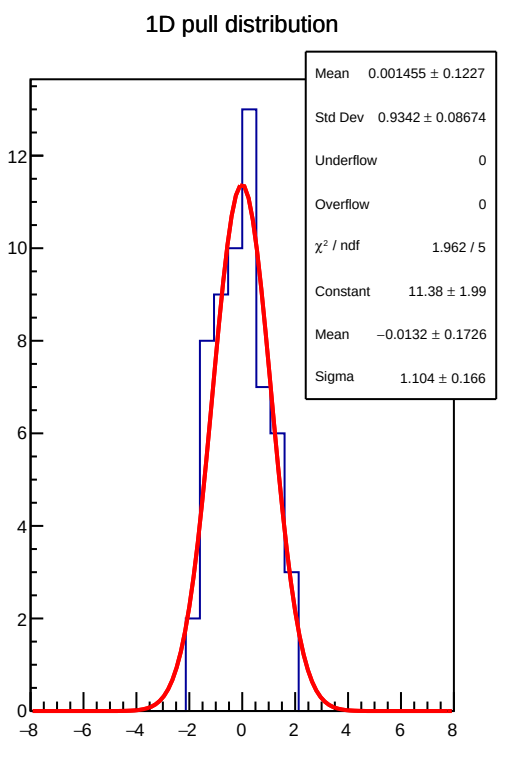

1D pull distribution
Mean 0.006658 ± 0.1201
Std Dev 0.915 ± 0.08495
Underflow 0
Overflow 0
χ² / ndf 4.079 / 6
Constant 12.01 ± 2.22
Mean −2.394e−17 ± 1.541e−05
Sigma 0.9992 ± 0.1482

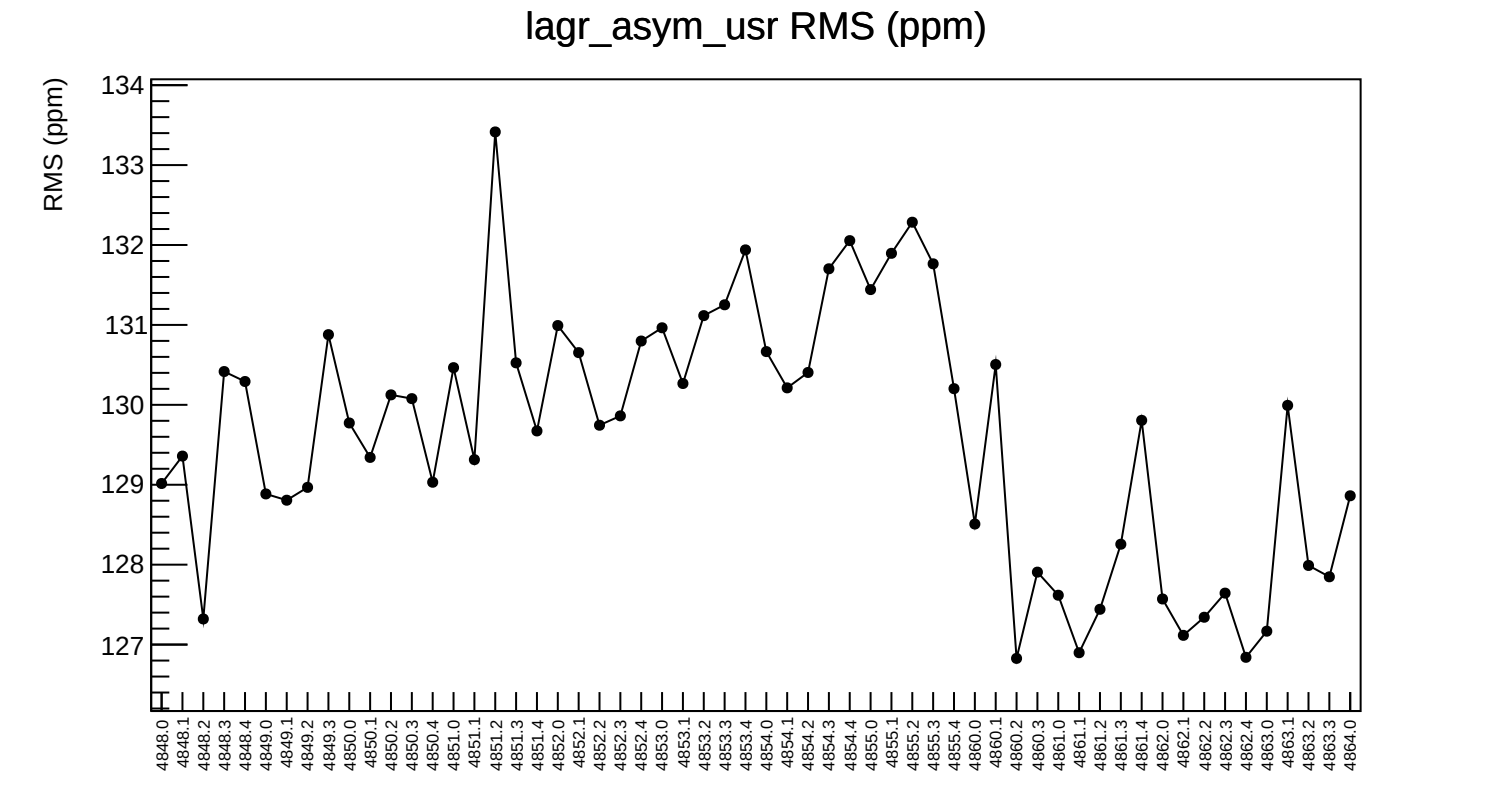

lagr_asym_us_avg RMS (ppm)
RMS (ppm)
99
98
97
96
95
94
93
92
91
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

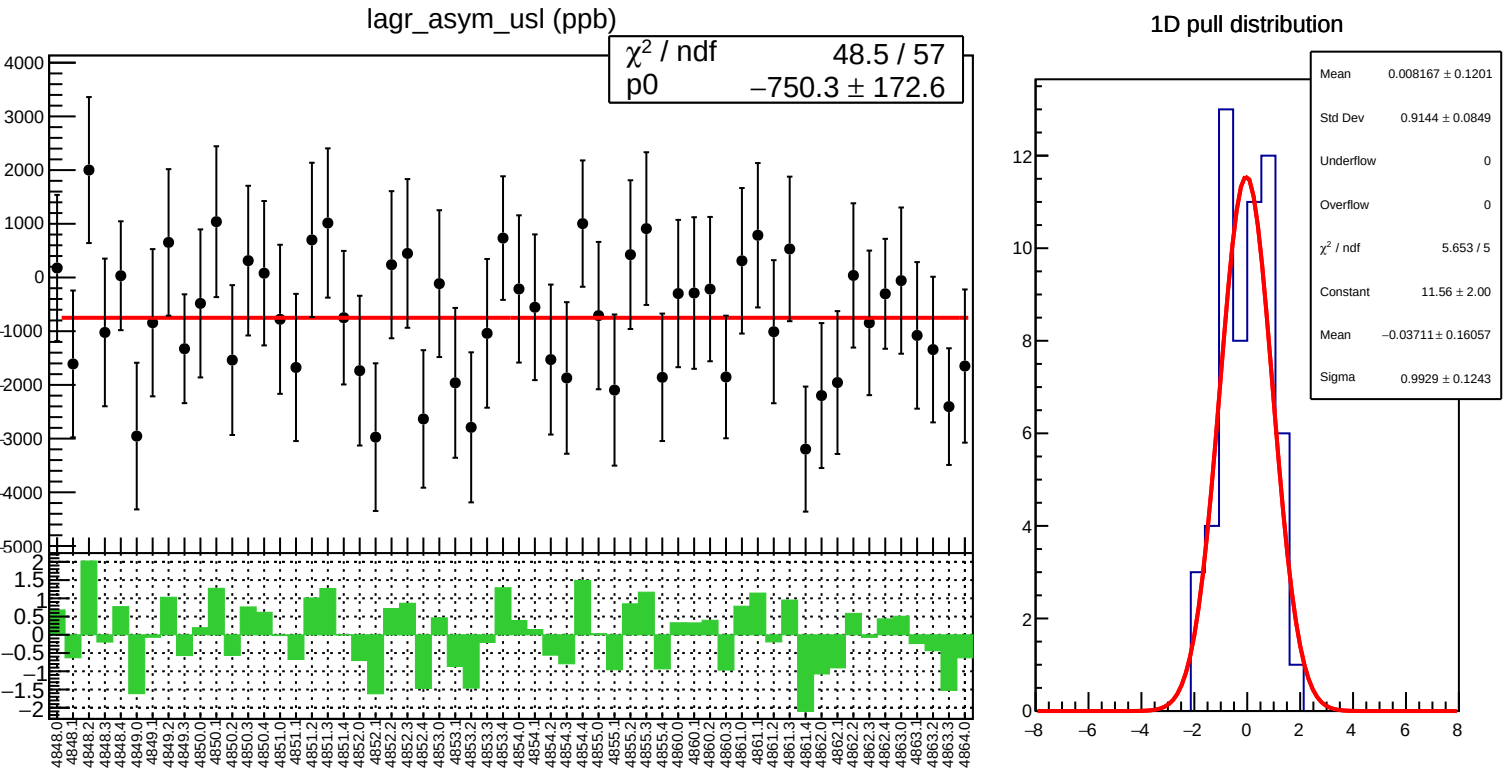

lagr_asym_us_dd (ppb)
χ² / ndf 49.76 / 57
p0 −37.08 ± 120.8
1D pull distribution
Mean 0.004789 ± 0.1216
Std Dev 0.9262 ± 0.086
Underflow 0
Overflow 0
χ² / ndf 6.445 / 5
Constant 11.68 ± 2.24
Mean 0.1072 ± 0.1548
Sigma 0.9645 ± 0.1510

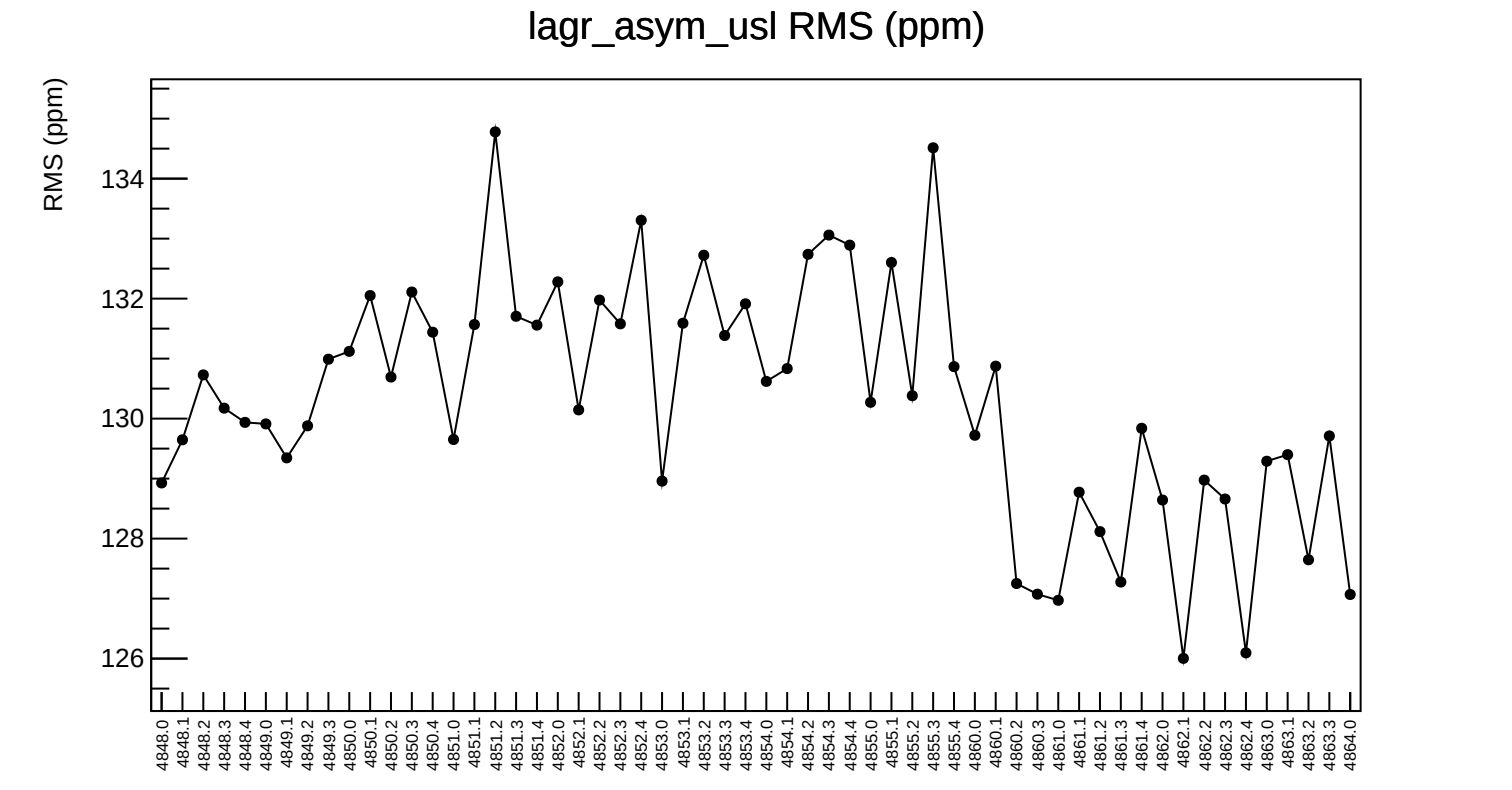

lagr_asym_us_dd RMS (ppm)
RMS (ppm)
91
90
89
88
87
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

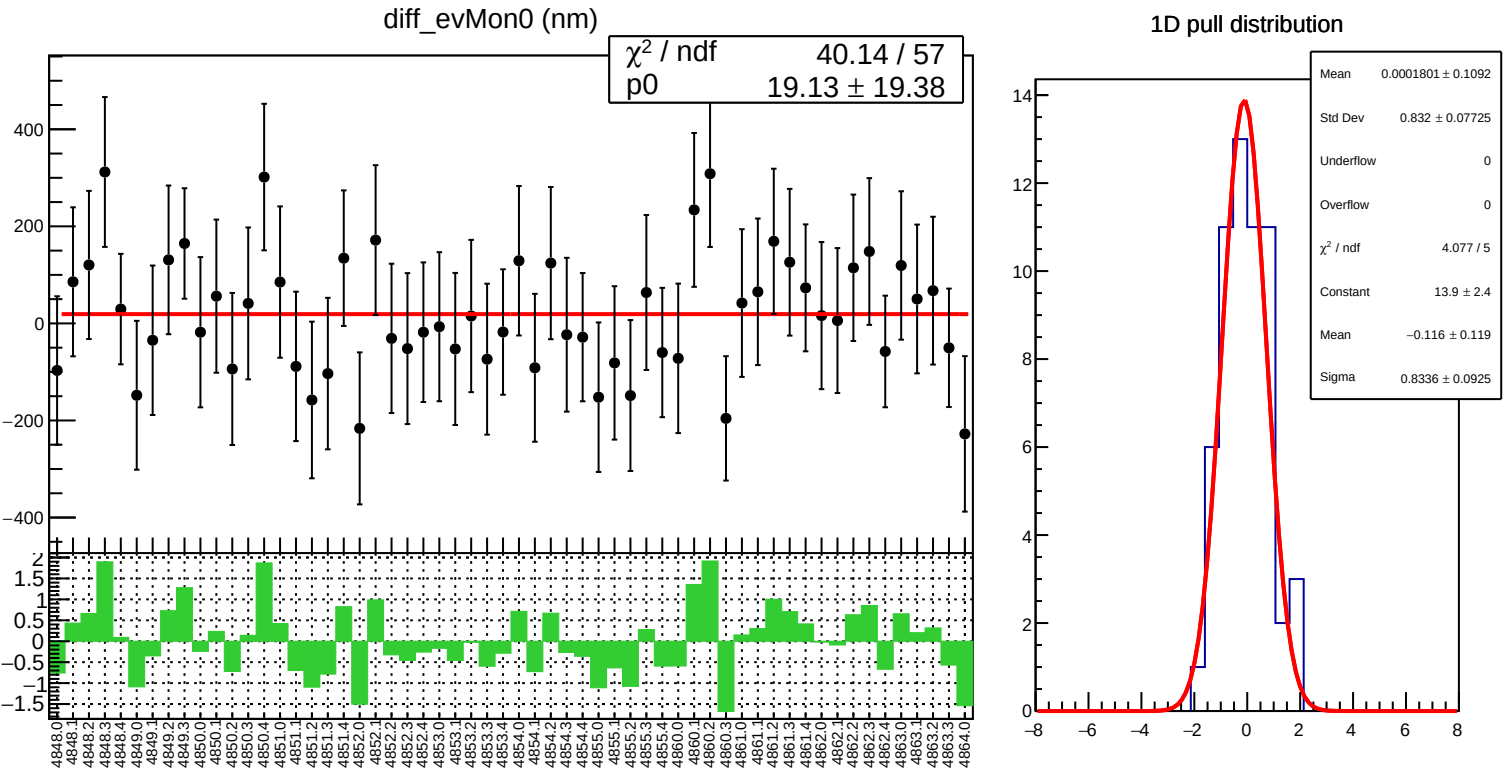

lagr_asym_usr (ppb)
χ² / ndf 50.62 / 57
p0 −676.2 ± 173.3

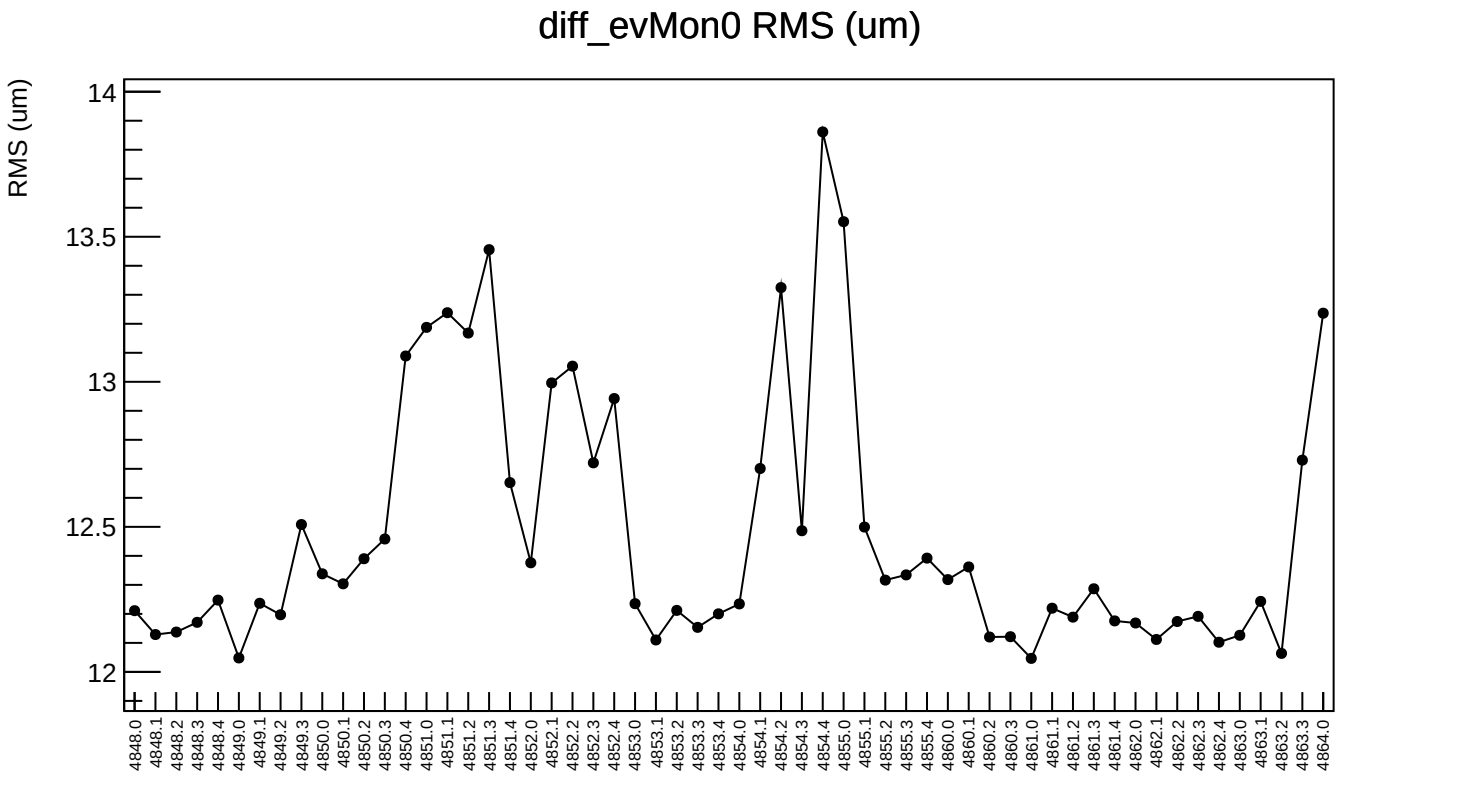

1D pull distribution
Mean 0.001455 ± 0.1227
Std Dev 0.9342 ± 0.08674
Underflow 0
Overflow 0
χ² / ndf 1.962 / 5
Constant 11.38 ± 1.99
Mean −0.0132 ± 0.1726
Sigma 1.104 ± 0.166

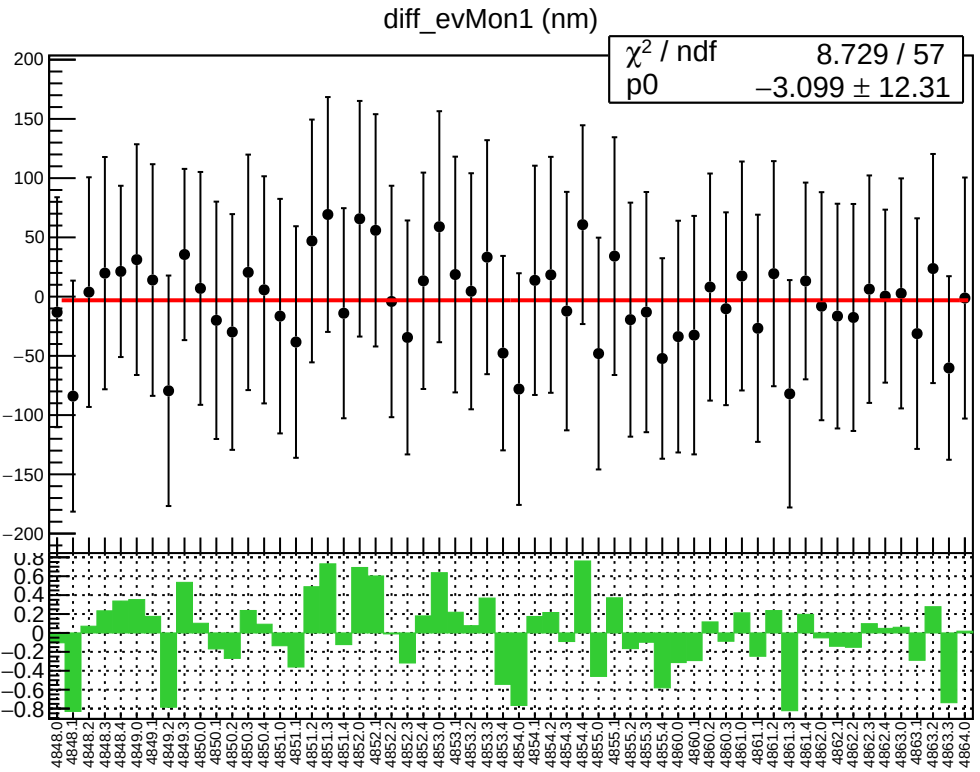

lagr_asym_usr RMS (ppm)
RMS (ppm)
134
133
132
131
130
129
128
127
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

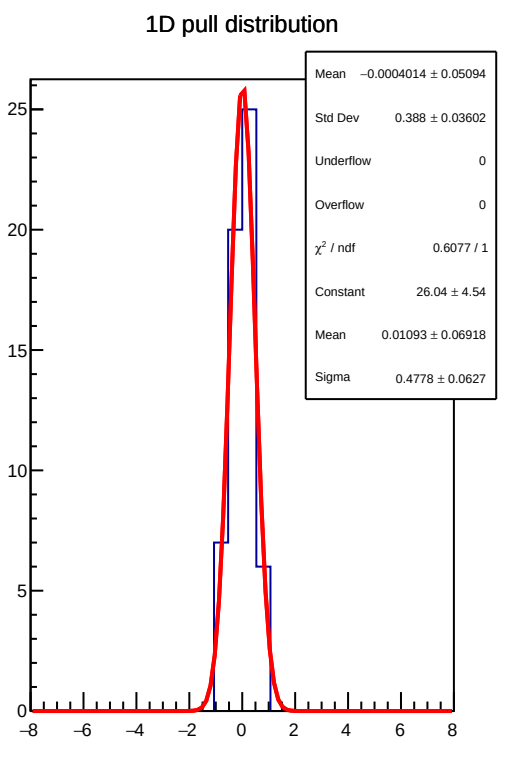

lagr_asym_usl (ppb)
χ² / ndf 48.5 / 57
p0 −750.3 ± 172.6
1D pull distribution
Mean 0.008167 ± 0.1201
Std Dev 0.9144 ± 0.0849
Underflow 0
Overflow 0
χ² / ndf 5.653 / 5
Constant 11.56 ± 2.00
Mean −0.03711 ± 0.16057
Sigma 0.9929 ± 0.1243

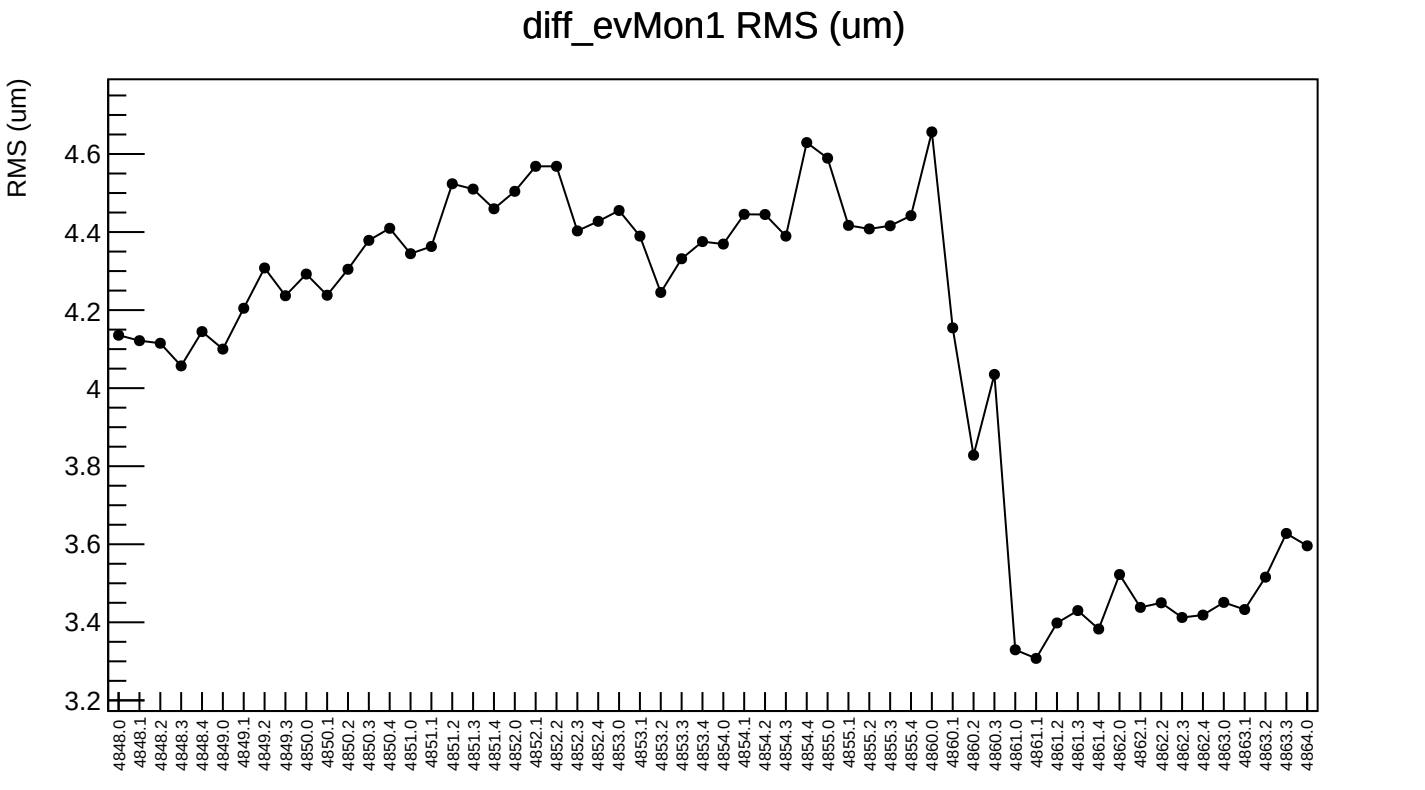

lagr_asym_usl RMS (ppm)
RMS (ppm)
134
132
130
128
126
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

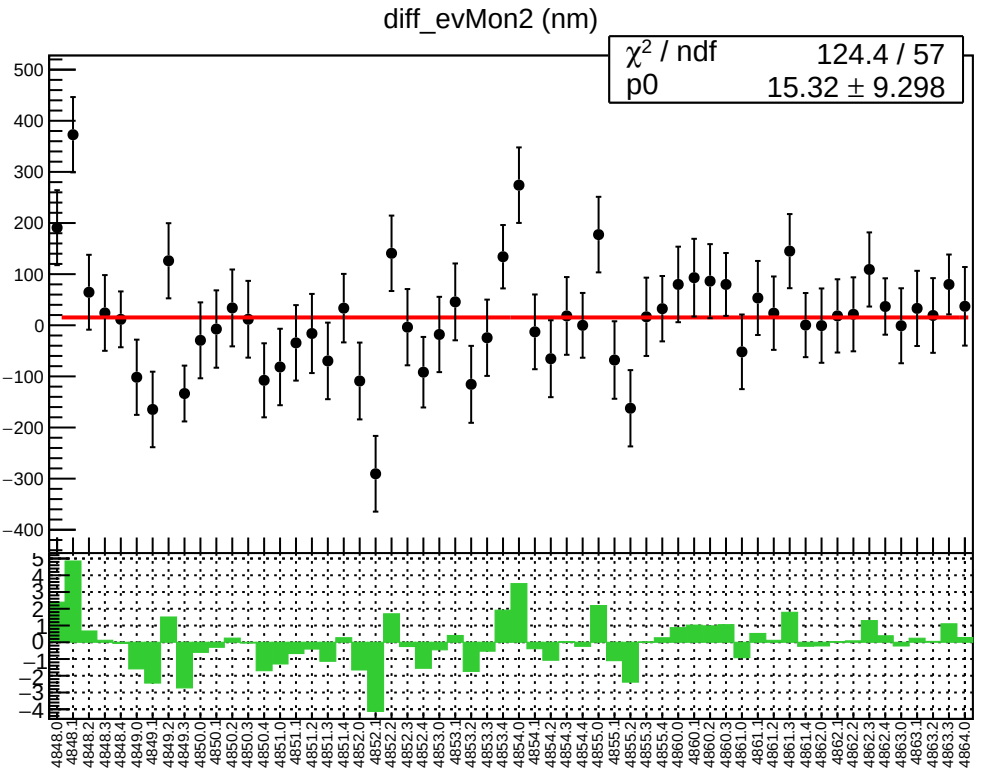

diff_evMon0 (nm)
χ² / ndf 40.14 / 57
p0 19.13 ± 19.38
1D pull distribution
Mean 0.0001801 ± 0.1092
Std Dev 0.832 ± 0.07725
Underflow 0
Overflow 0
χ² / ndf 4.077 / 5
Constant 13.9 ± 2.4
Mean −0.116 ± 0.119
Sigma 0.8336 ± 0.0925

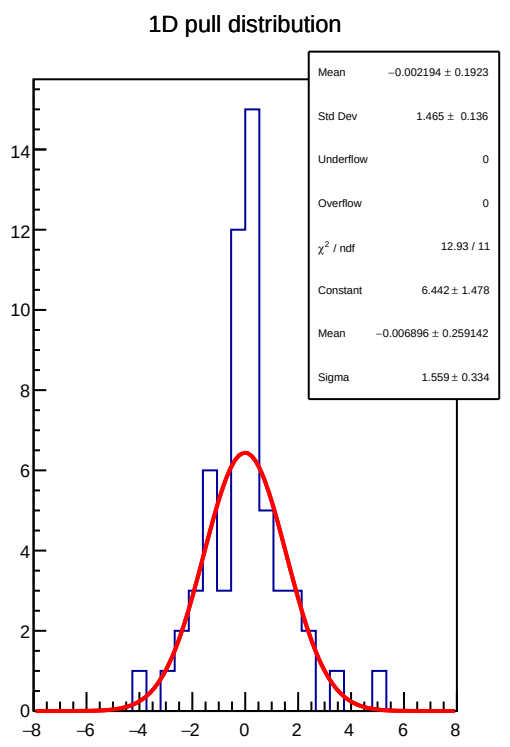

diff_evMon0 RMS (um)
RMS (um)
14
13.5
13
12.5
12
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

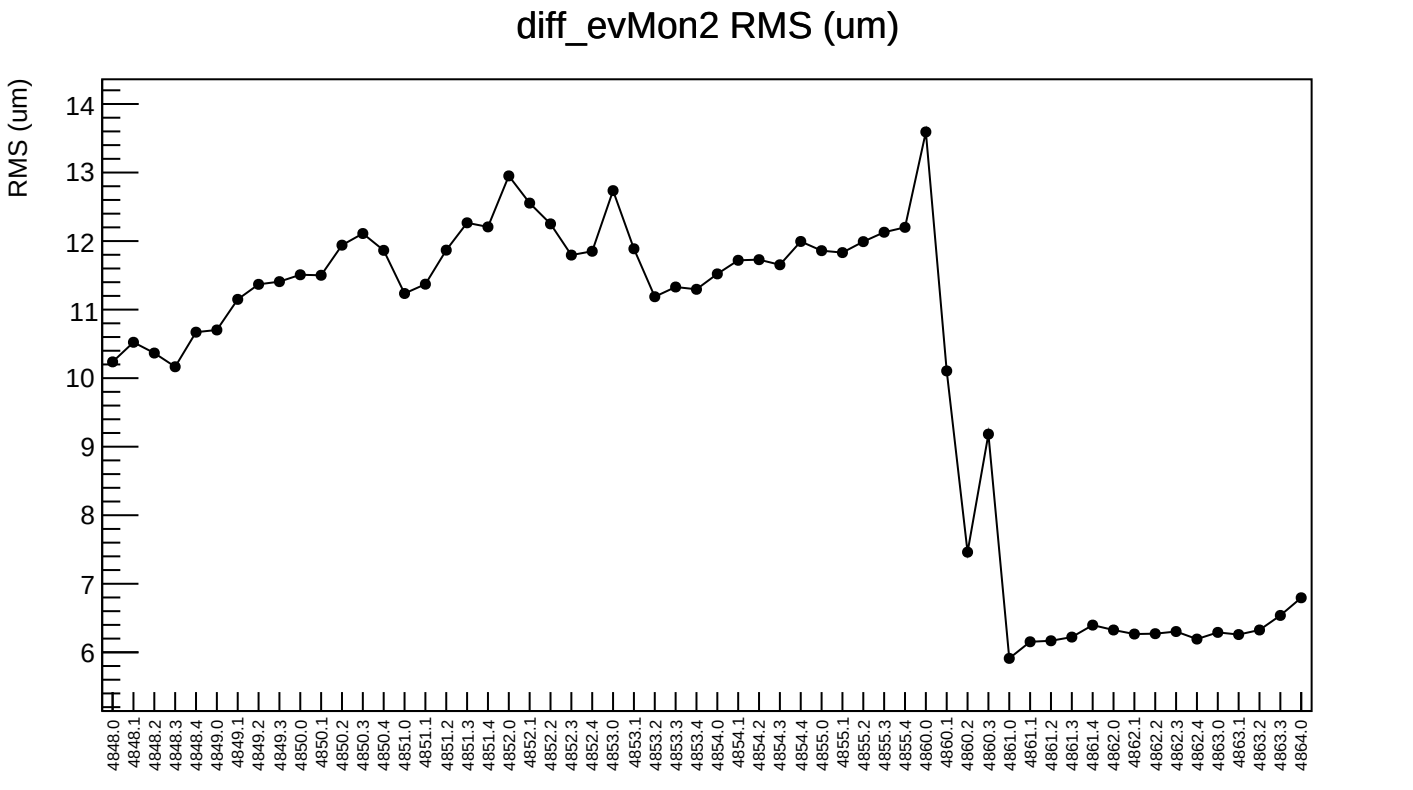

diff_evMon1 (nm)
χ² / ndf 8.729 / 57
p0 −3.099 ± 12.31

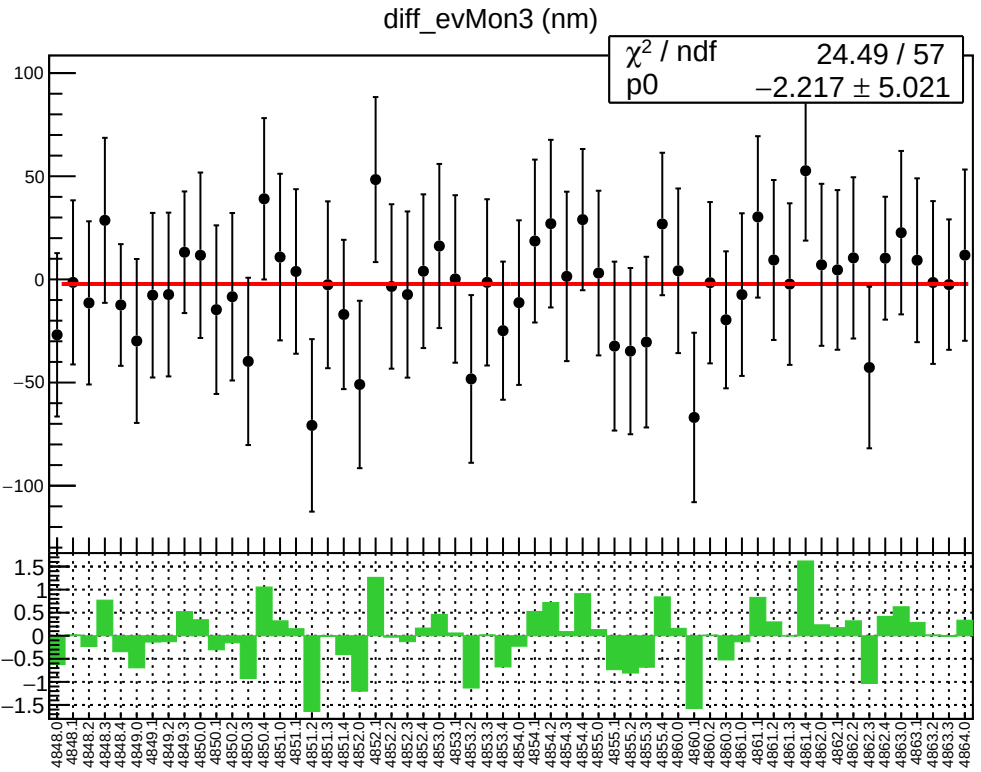

1D pull distribution
Mean −0.0004014 ± 0.05094
Std Dev 0.388 ± 0.03602
Underflow 0
Overflow 0
χ² / ndf 0.6077 / 1
Constant 26.04 ± 4.54
Mean 0.01093 ± 0.06918
Sigma 0.4778 ± 0.0627

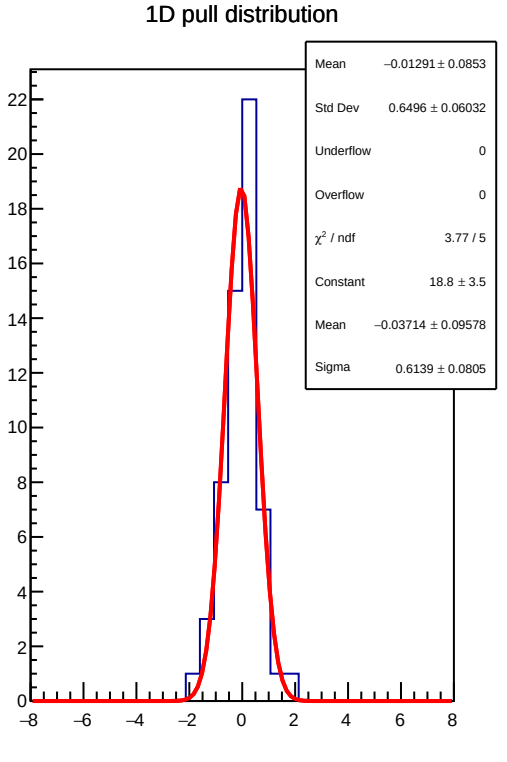

diff_evMon1 RMS (um)
RMS (um)
4.6
4.4
4.2
4
3.8
3.6
3.4
3.2
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

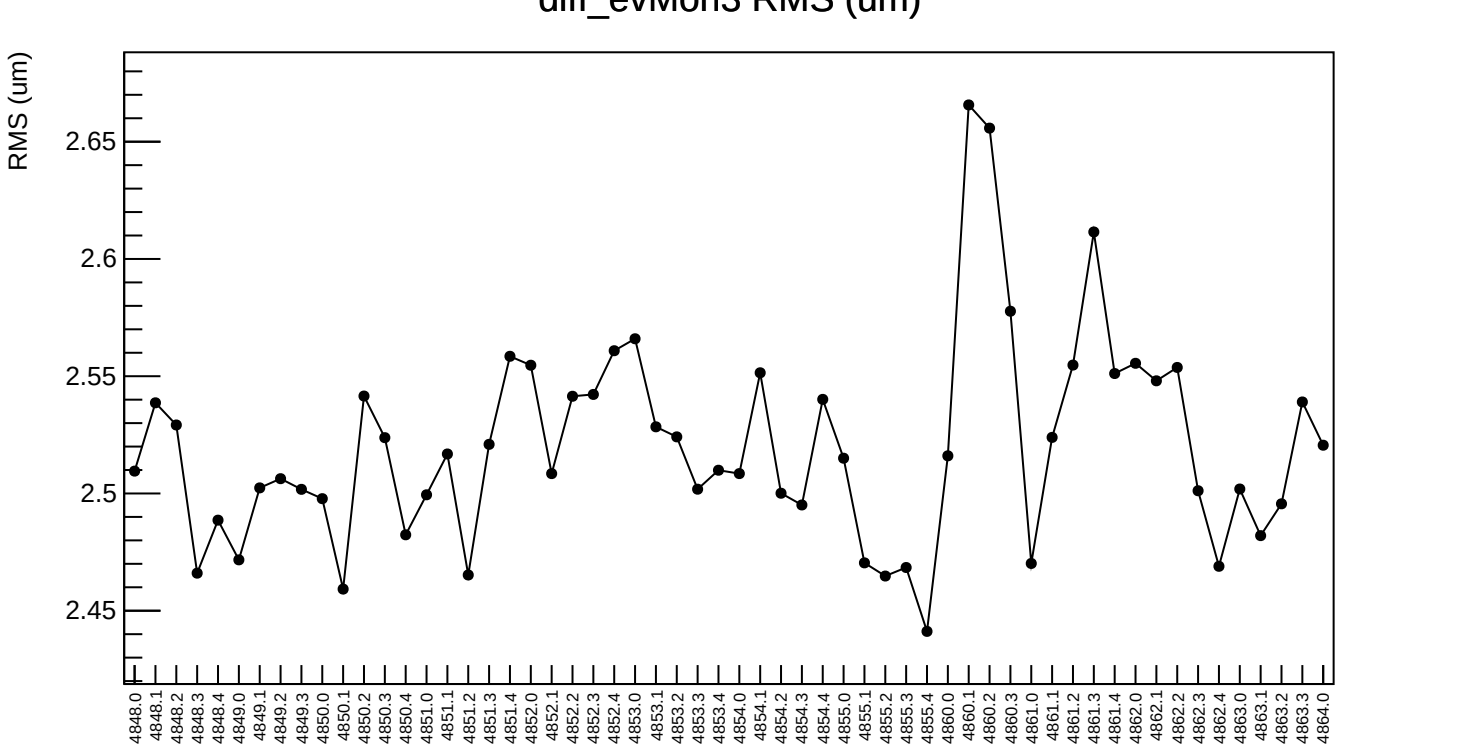

diff_evMon2 (nm)
χ² / ndf 124.4 / 57
p0 15.32 ± 9.298

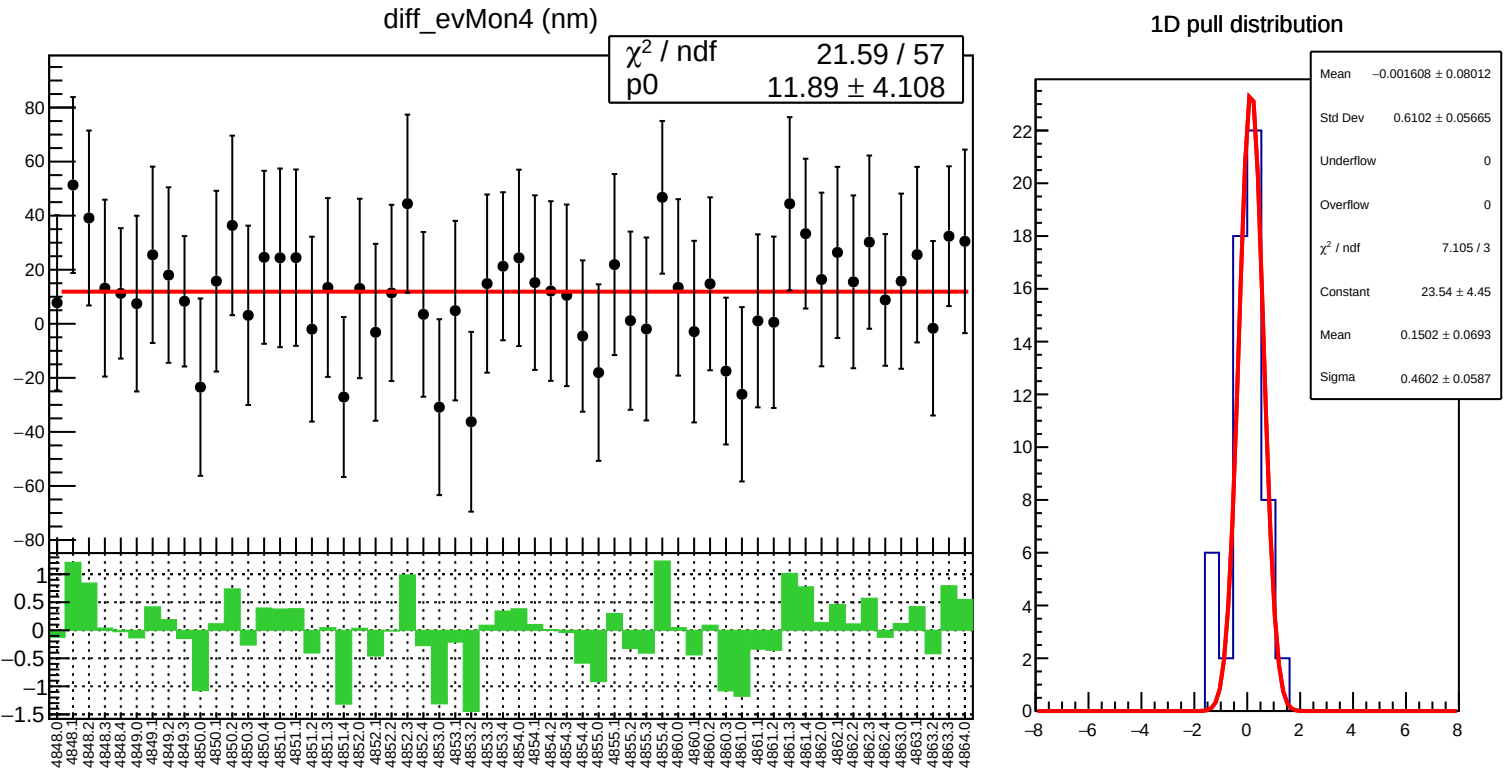

1D pull distribution
Mean −0.002194 ± 0.1923
Std Dev 1.465 ± 0.136
Underflow 0
Overflow 0
χ² / ndf 12.93 / 11
Constant 6.442 ± 1.478
Mean −0.006896 ± 0.259142
Sigma 1.559 ± 0.334

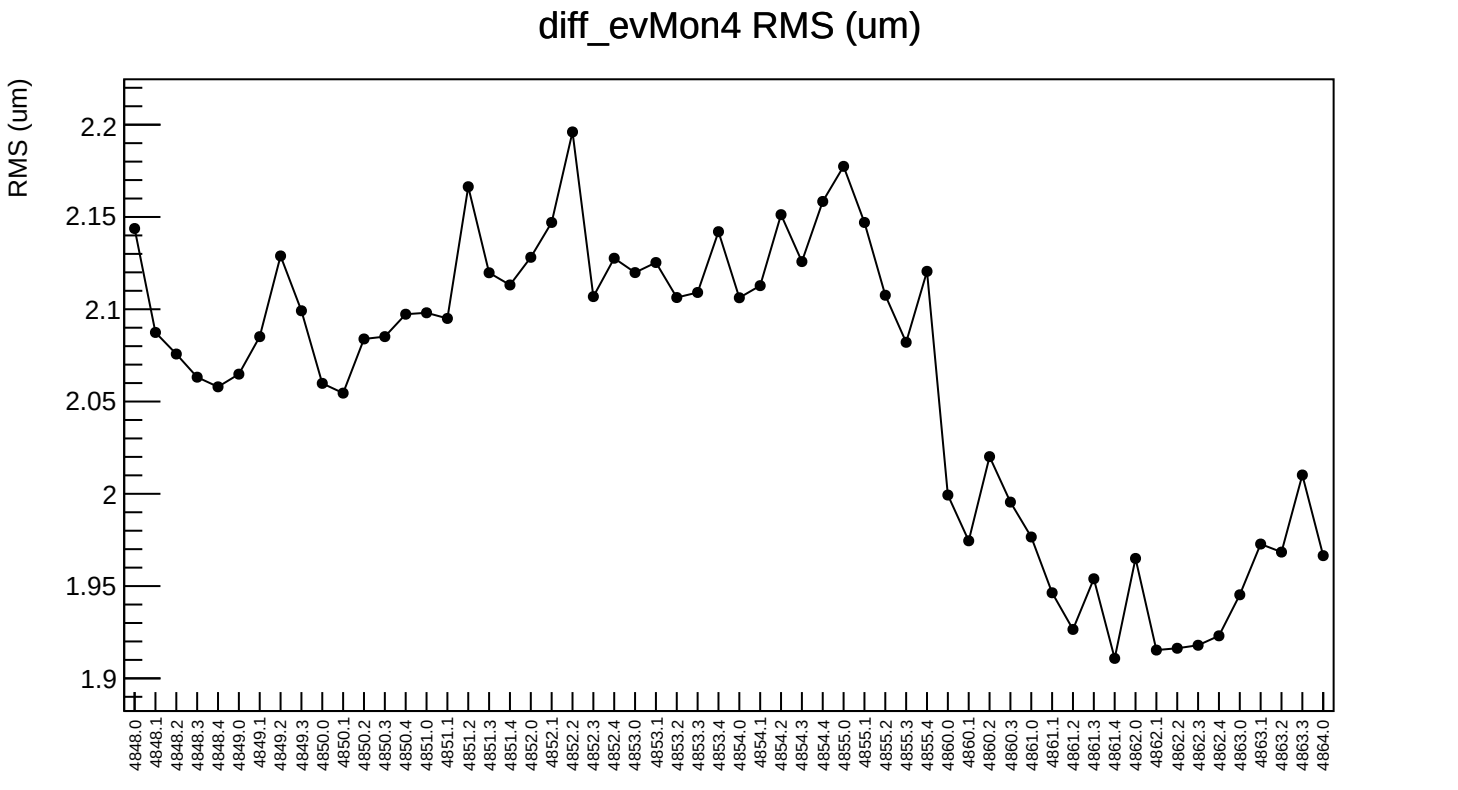

diff_evMon2 RMS (um)
RMS (um)
14
13
12
11
10
9
8
7
6
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

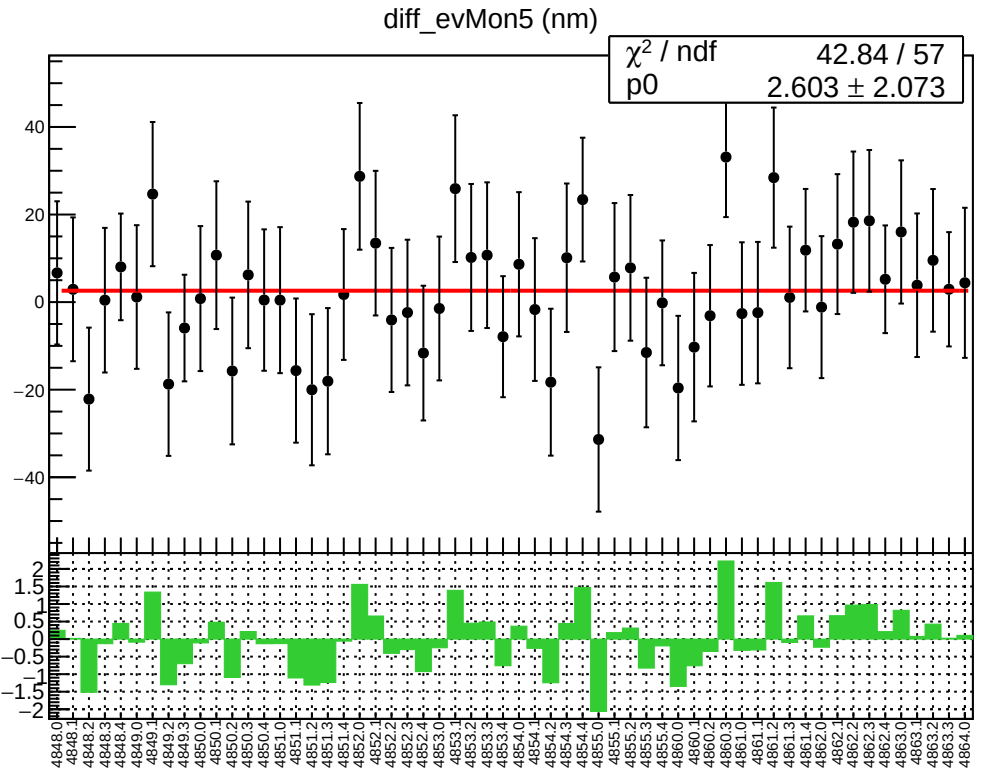

diff_evMon3 (nm)
χ² / ndf 24.49 / 57
p0 −2.217 ± 5.021
100
50
0
−50
−100
1.5
1
0.5
0
−0.5
−1
−1.5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

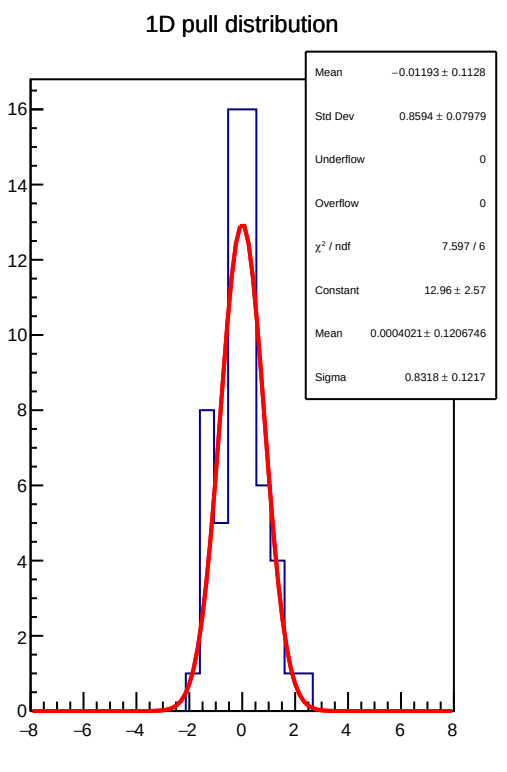

1D pull distribution
Mean −0.01291 ± 0.0853
Std Dev 0.6496 ± 0.06032
Underflow 0
Overflow 0
χ² / ndf 3.77 / 5
Constant 18.8 ± 3.5
Mean −0.03714 ± 0.09578
Sigma 0.6139 ± 0.0805
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

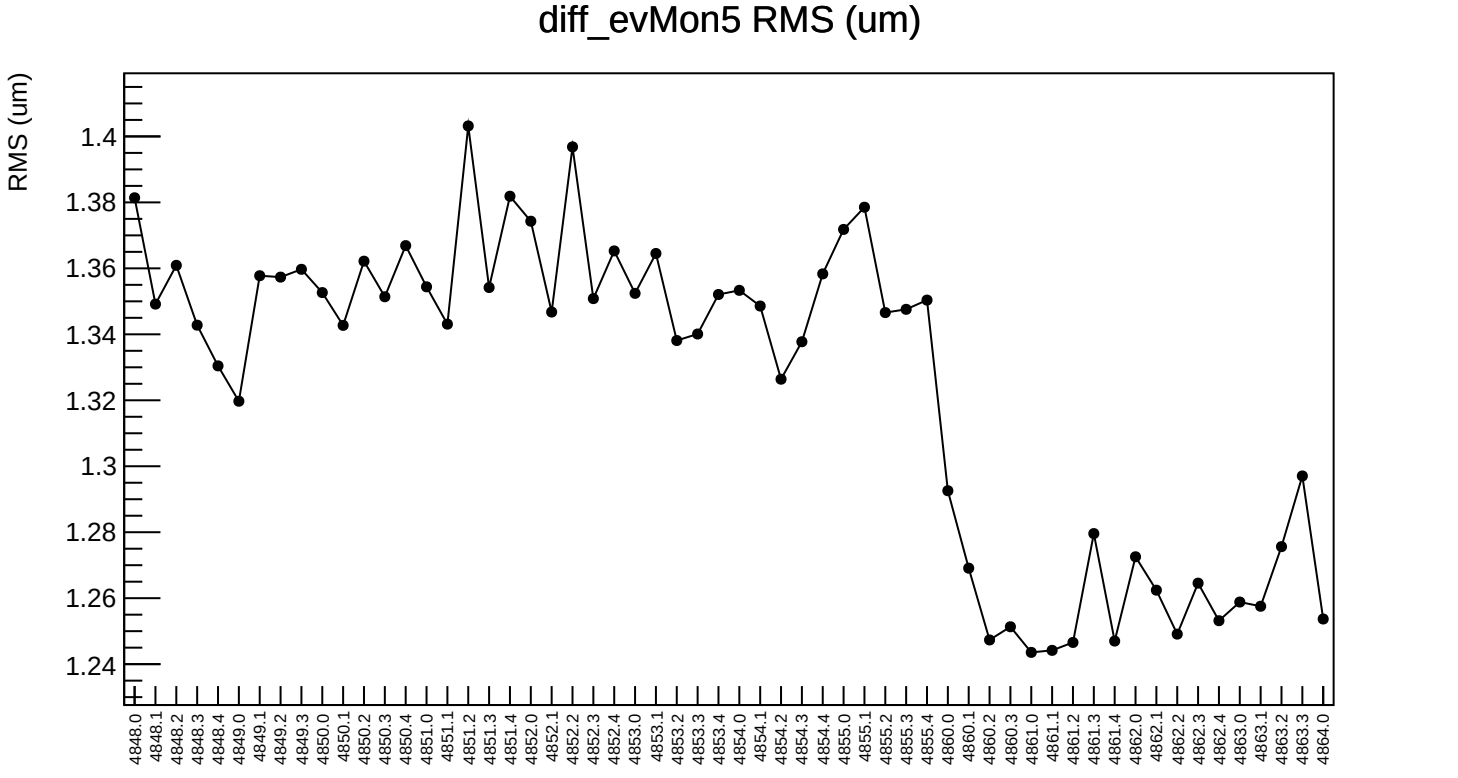

diff_evMon3 RMS (um)
RMS (um)
2.65
2.6
2.55
2.5
2.45
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

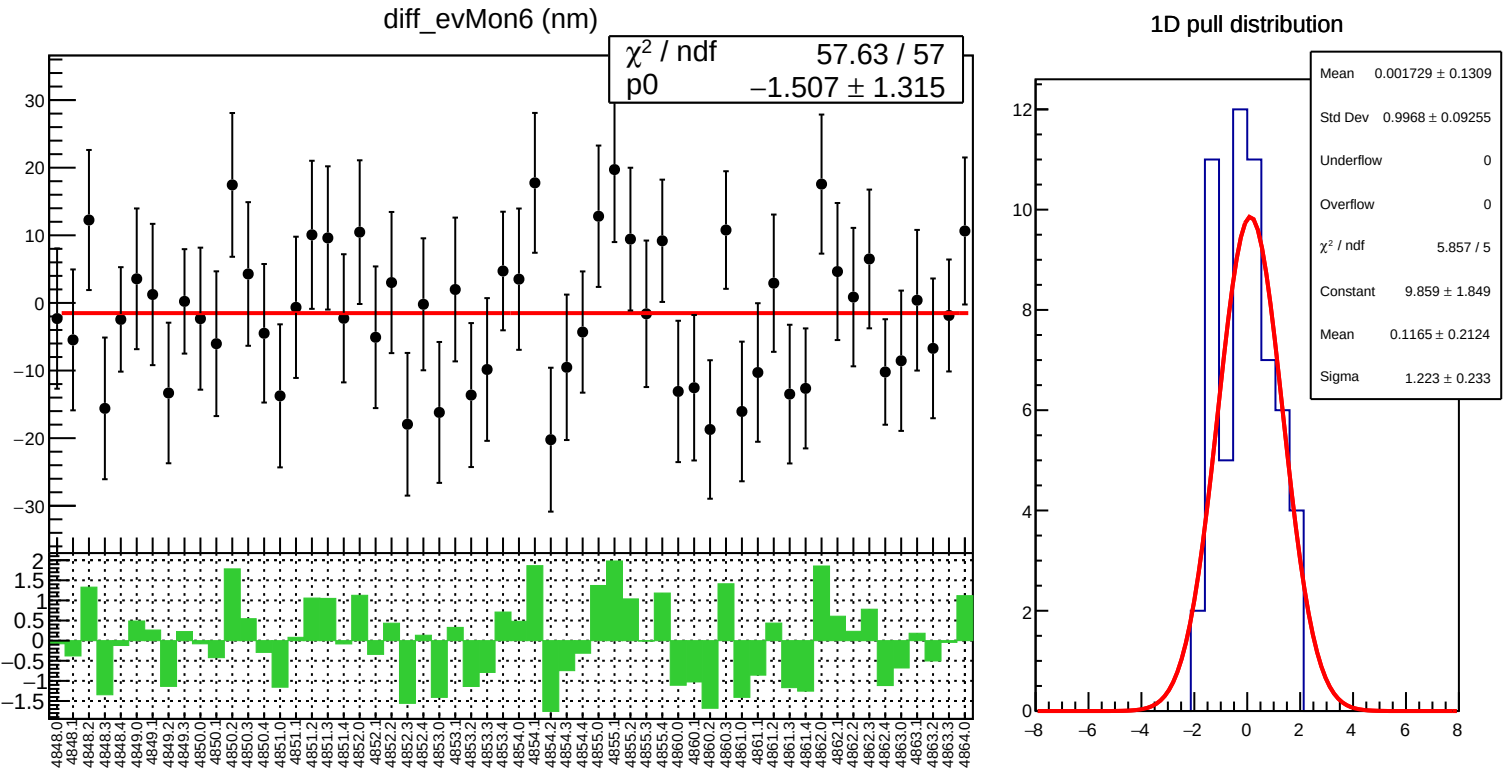

diff_evMon4 (nm)
χ² / ndf 21.59 / 57
p0 11.89 ± 4.108
1D pull distribution
Mean −0.001608 ± 0.08012
Std Dev 0.6102 ± 0.05665
Underflow 0
Overflow 0
χ² / ndf 7.105 / 3
Constant 23.54 ± 4.45
Mean 0.1502 ± 0.0693
Sigma 0.4602 ± 0.0587

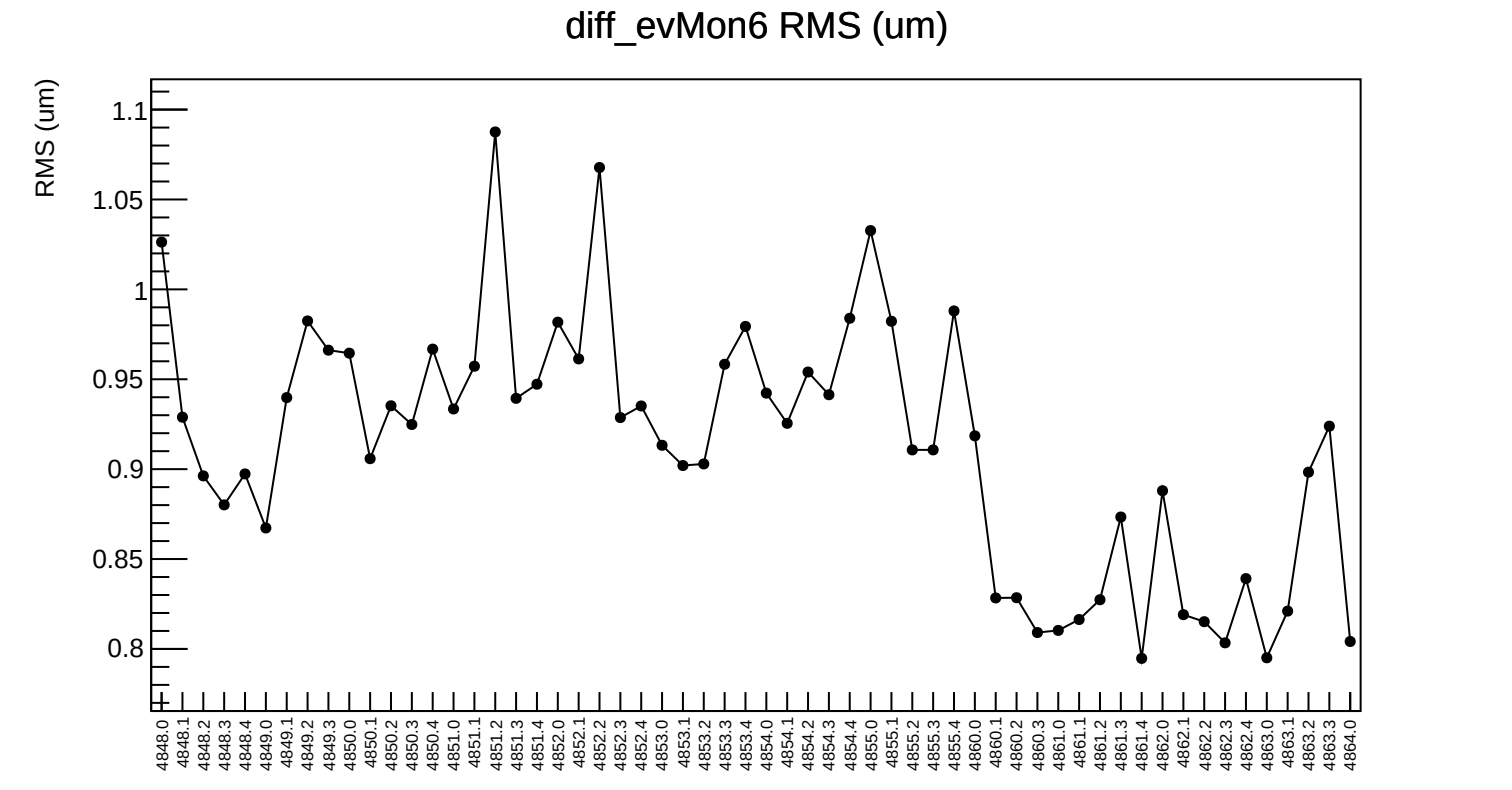

diff_evMon4 RMS (um)
RMS (um)
2.2
2.15
2.1
2.05
2
1.95
1.9
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

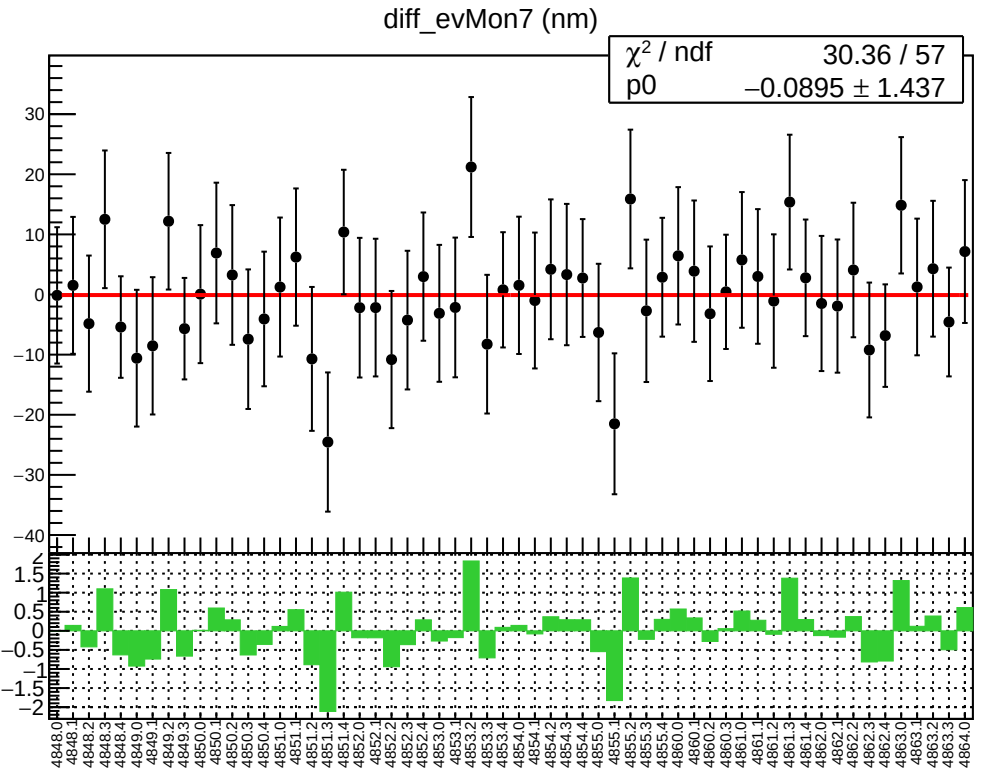

diff_evMon5 (nm)
χ² / ndf 42.84 / 57
p0 2.603 ± 2.073

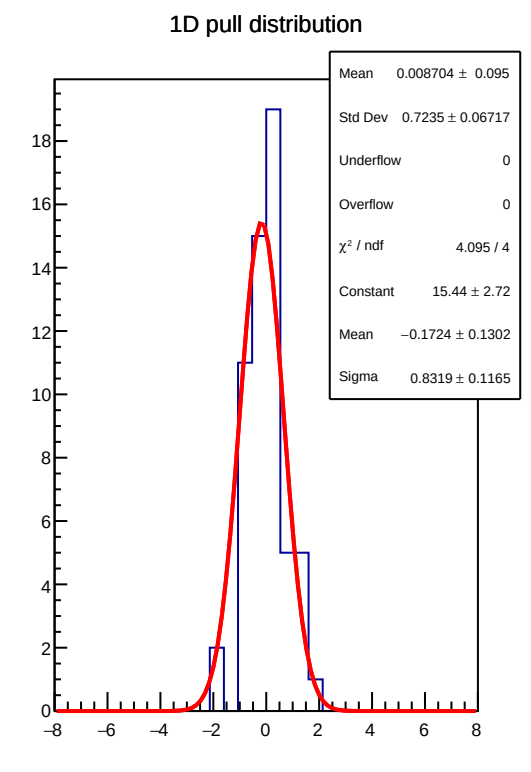

1D pull distribution
Mean −0.01193 ± 0.1128
Std Dev 0.8594 ± 0.07979
Underflow 0
Overflow 0
χ² / ndf 7.597 / 6
Constant 12.96 ± 2.57
Mean 0.0004021 ± 0.1206746
Sigma 0.8318 ± 0.1217

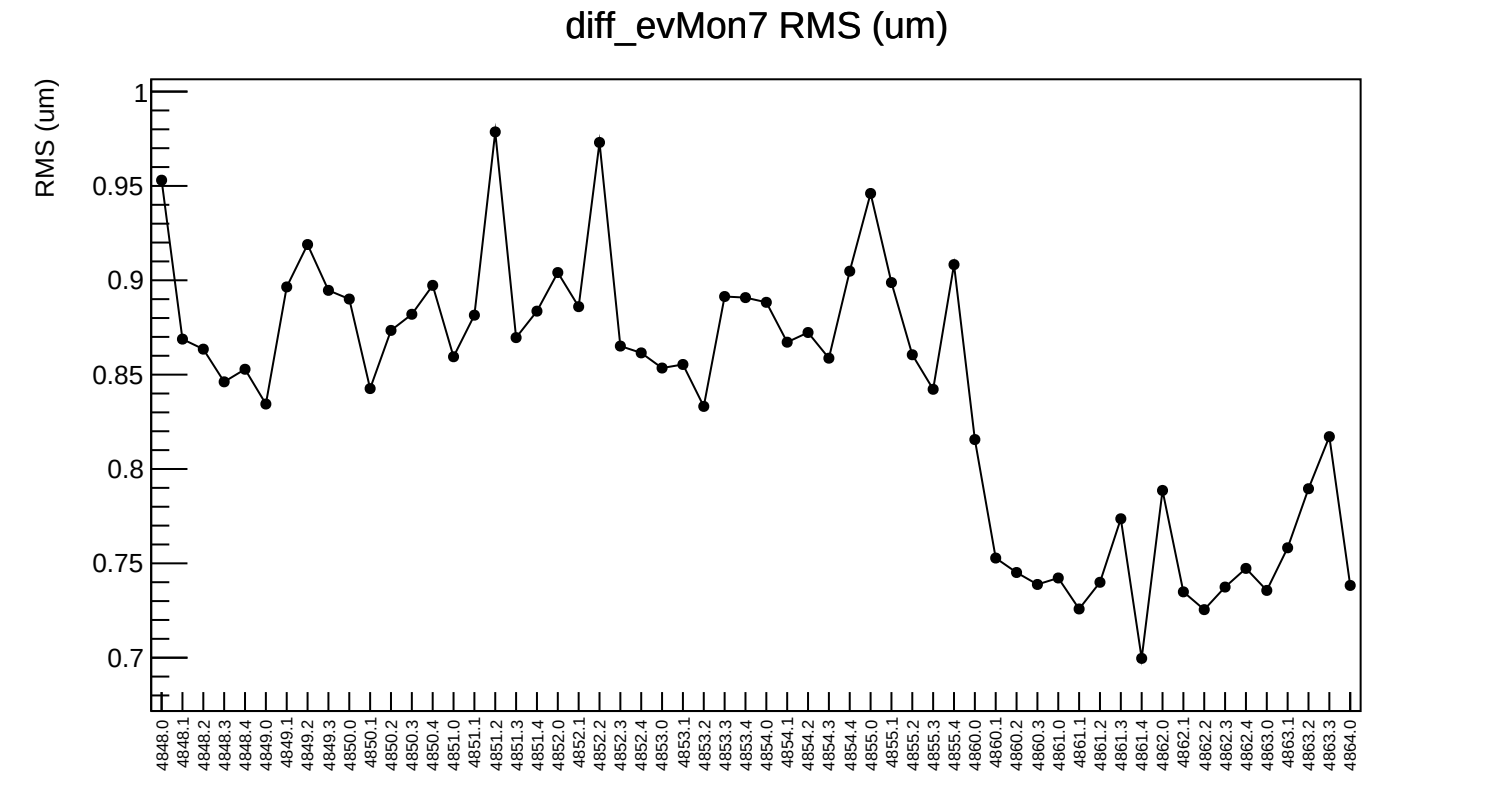

diff_evMon5 RMS (um)
RMS (um)
1.4
1.38
1.36
1.34
1.32
1.3
1.28
1.26
1.24
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

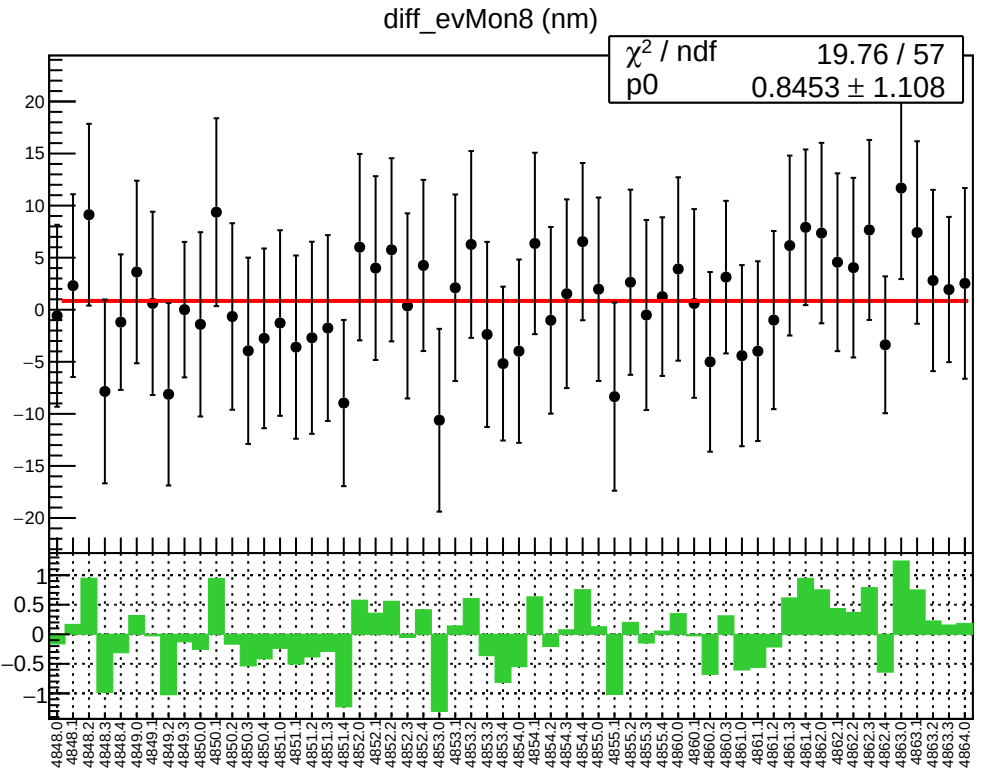

diff_evMon6 (nm)
χ² / ndf 57.63 / 57
p0 −1.507 ± 1.315
1D pull distribution
Mean 0.001729 ± 0.1309
Std Dev 0.9968 ± 0.09255
Underflow 0
Overflow 0
χ² / ndf 5.857 / 5
Constant 9.859 ± 1.849
Mean 0.1165 ± 0.2124
Sigma 1.223 ± 0.233

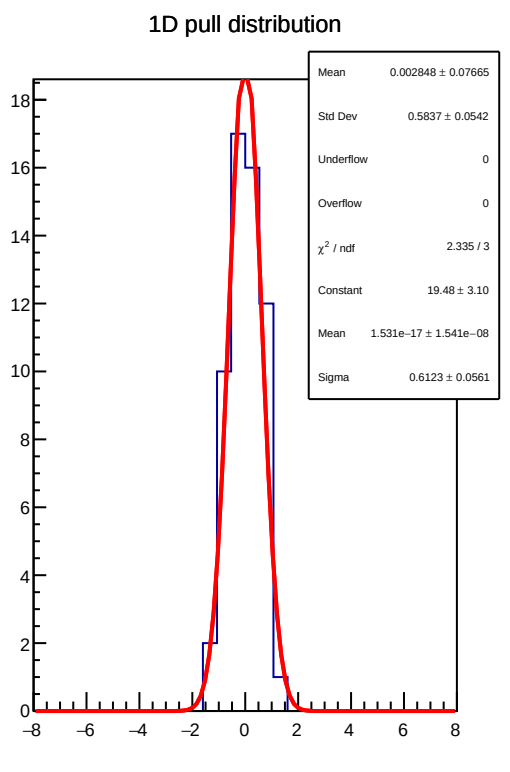

diff_evMon6 RMS (um)
RMS (um)
1.1
1.05
1
0.95
0.9
0.85
0.8
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

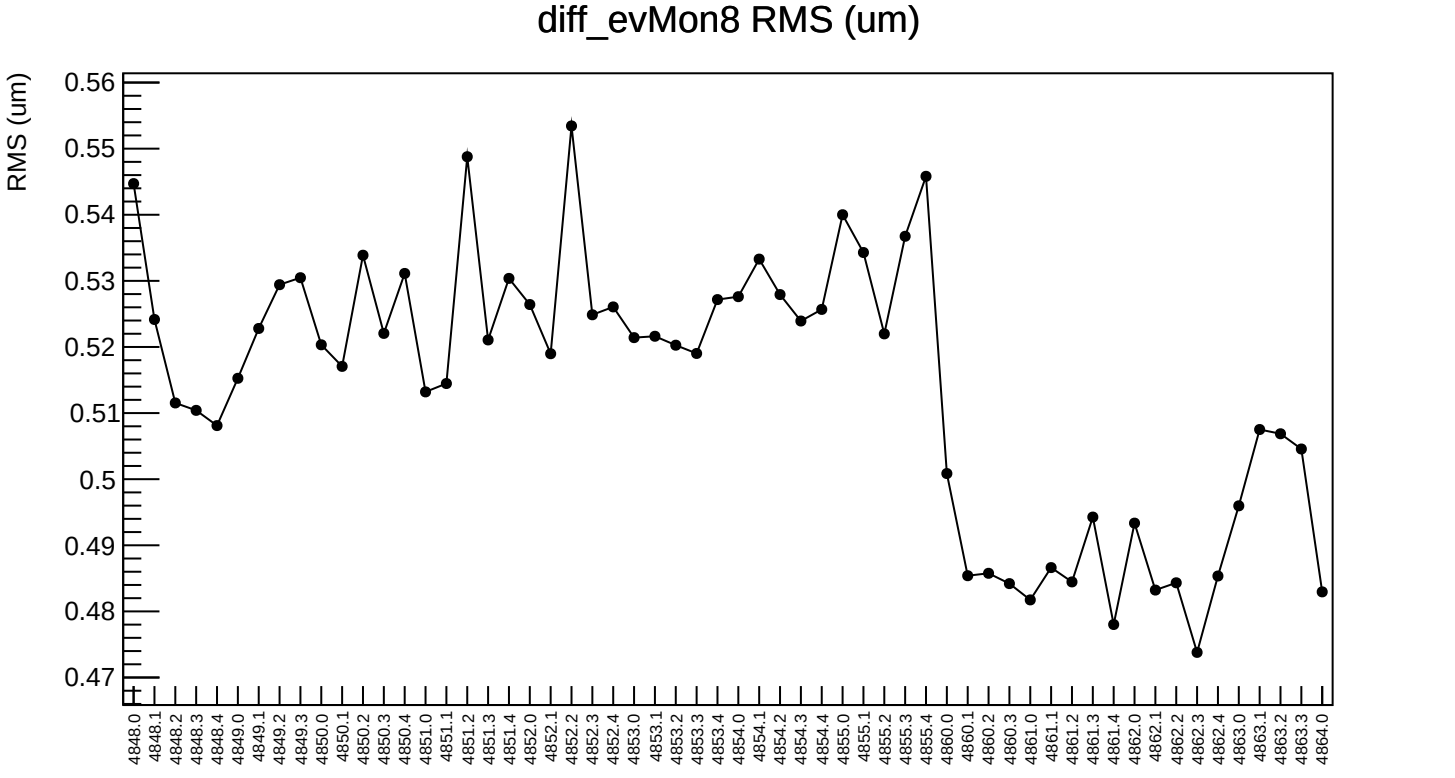

diff_evMon7 (nm)
χ² / ndf 30.36 / 57
p0 −0.0895 ± 1.437

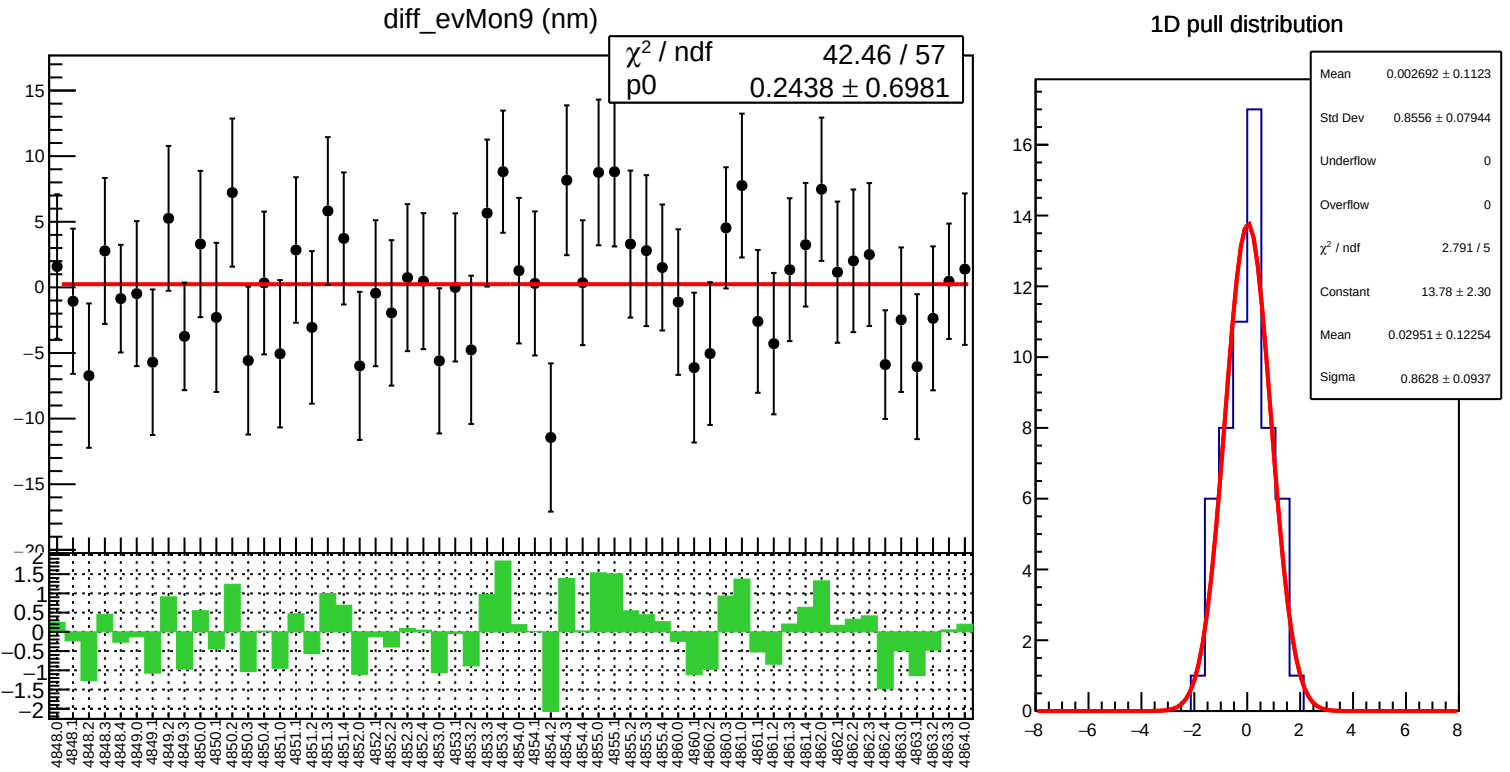

1D pull distribution
Mean 0.008704 ± 0.095
Std Dev 0.7235 ± 0.06717
Underflow 0
Overflow 0
χ² / ndf 4.095 / 4
Constant 15.44 ± 2.72
Mean −0.1724 ± 0.1302
Sigma 0.8319 ± 0.1165

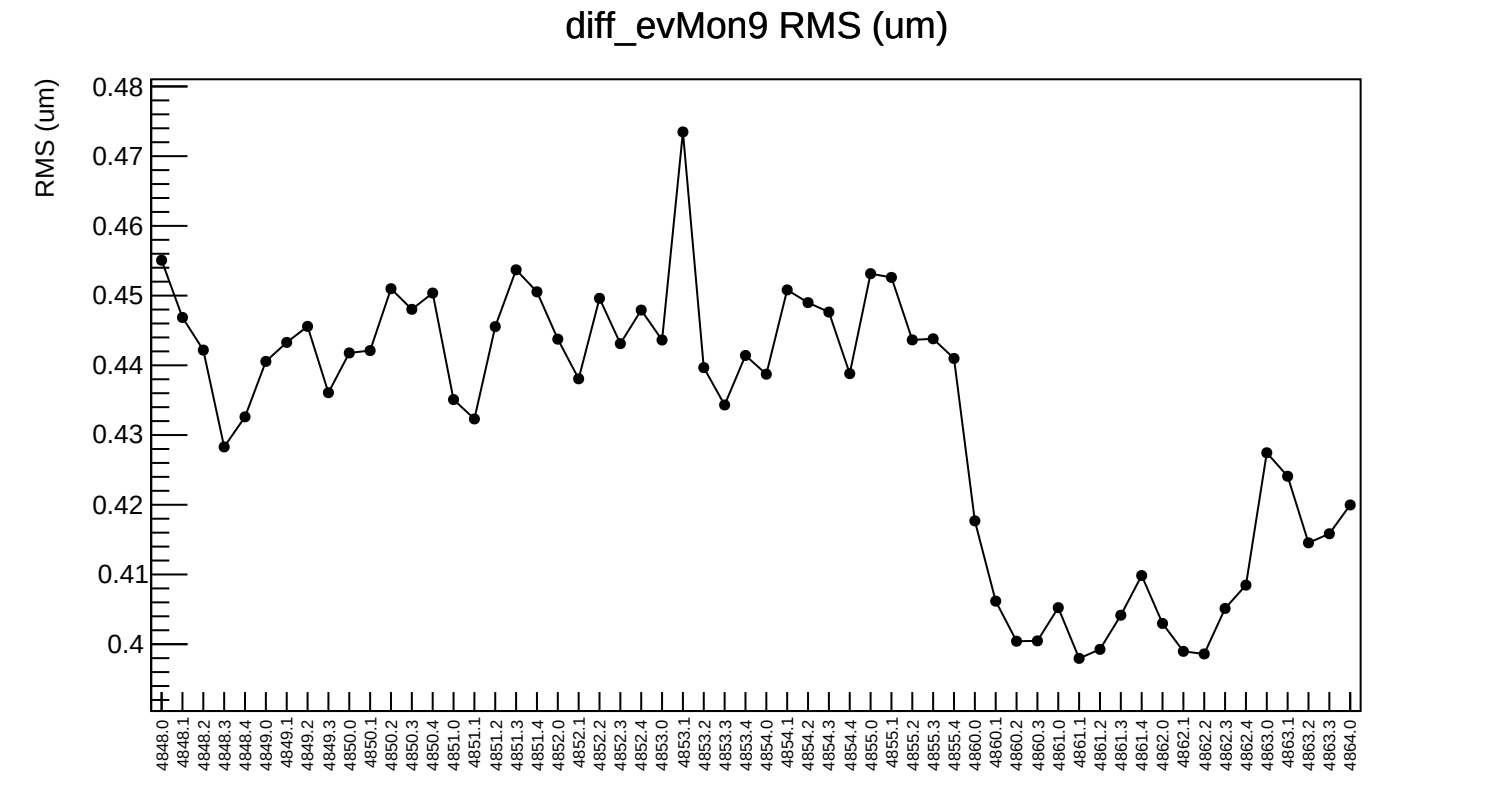

diff_evMon7 RMS (um)
RMS (um)
1
0.95
0.9
0.85
0.8
0.75
0.7
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

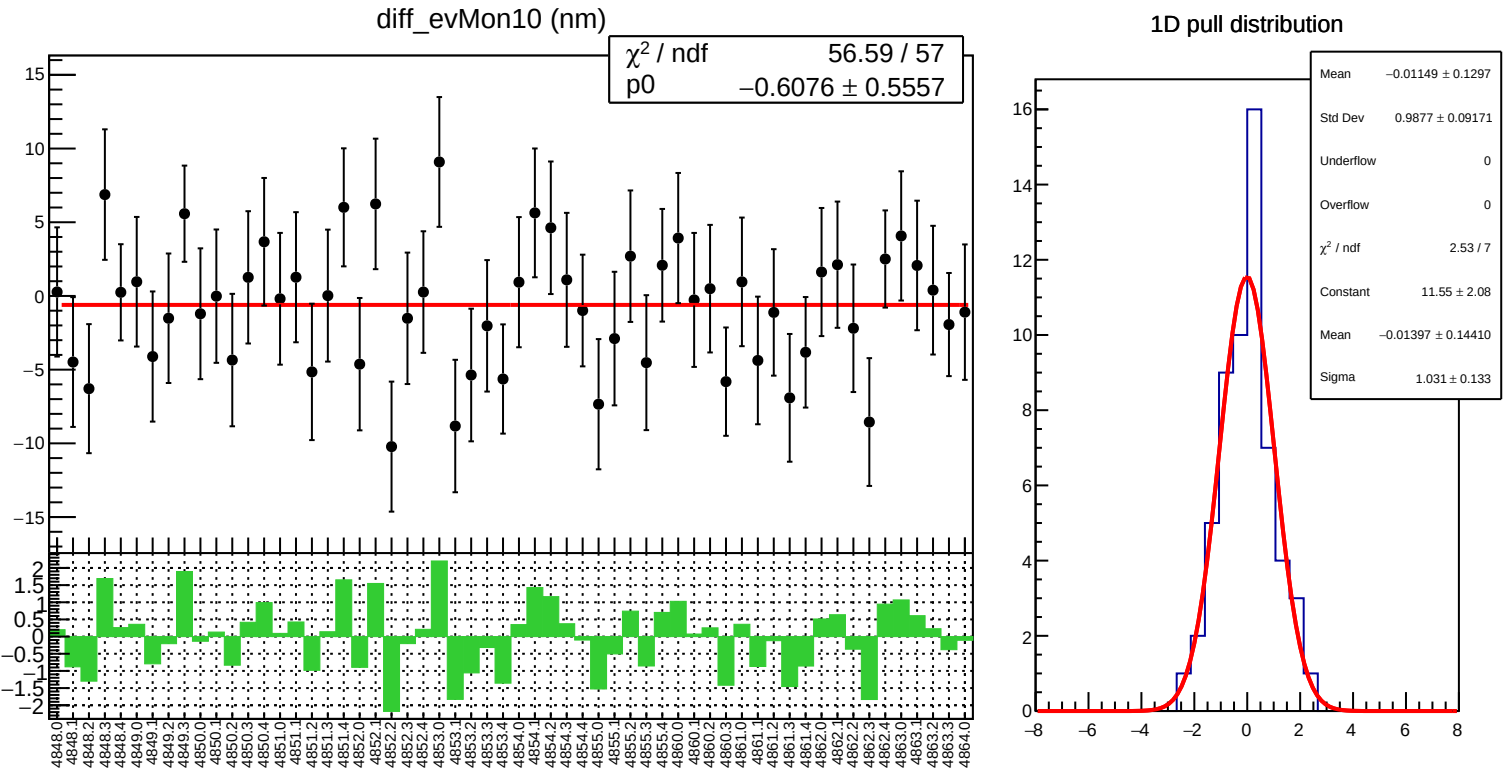

diff_evMon8 (nm)
χ² / ndf 19.76 / 57
p0 0.8453 ± 1.108

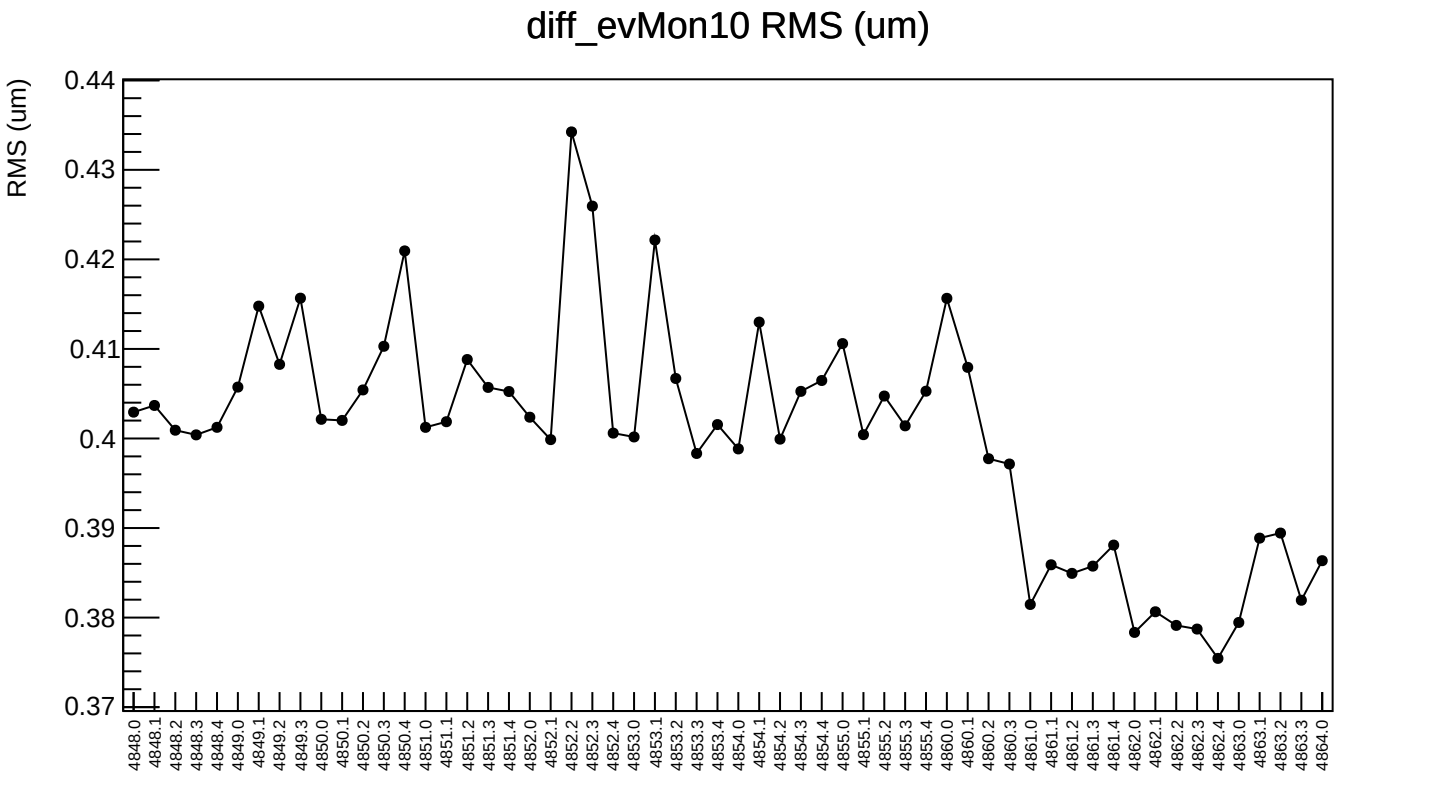

1D pull distribution
Mean 0.002848 ± 0.07665
Std Dev 0.5837 ± 0.0542
Underflow 0
Overflow 0
χ² / ndf 2.335 / 3
Constant 19.48 ± 3.10
Mean 1.531e−17 ± 1.541e−08
Sigma 0.6123 ± 0.0561

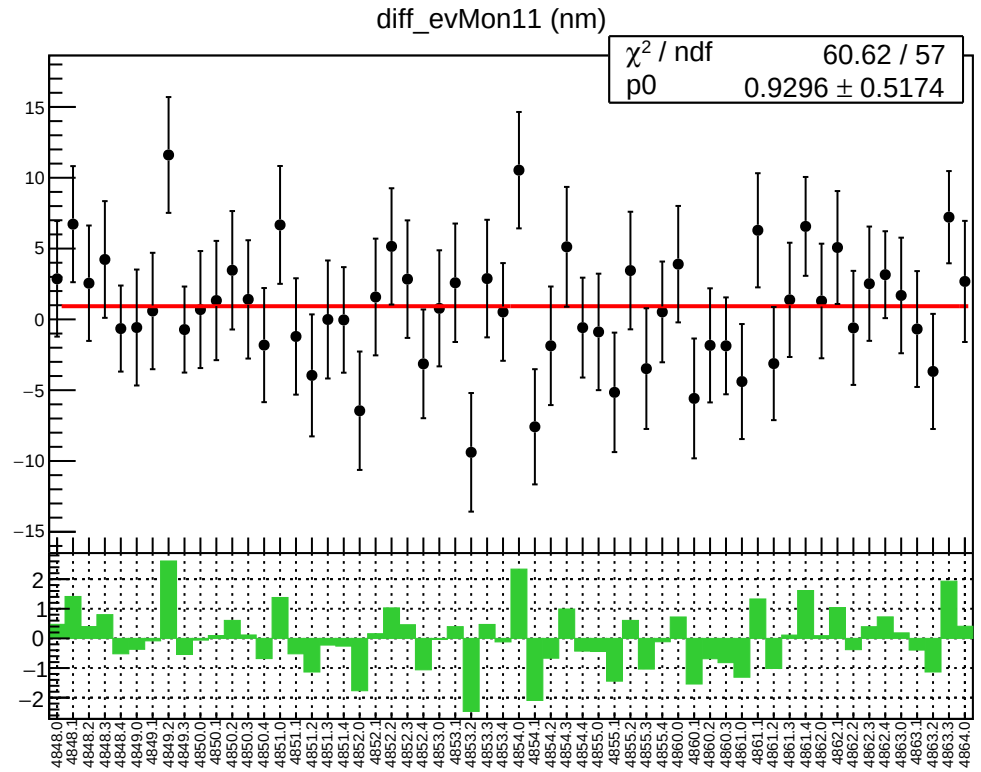

diff_evMon8 RMS (um)
RMS (um)
0.56
0.55
0.54
0.53
0.52
0.51
0.5
0.49
0.48
0.47
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

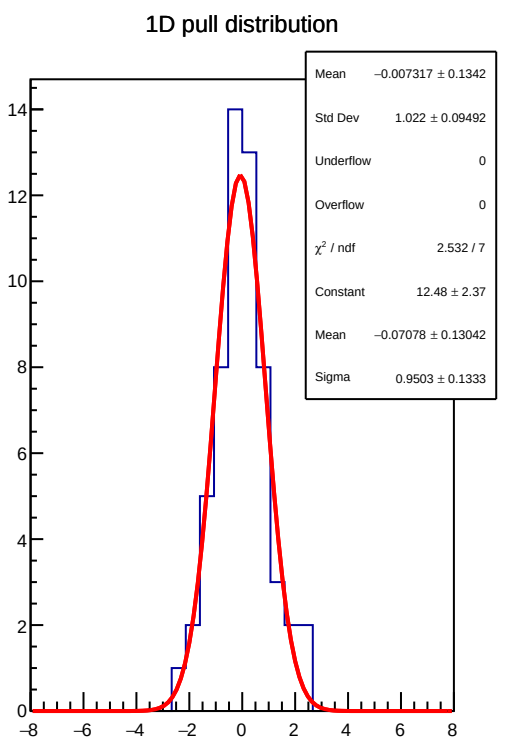

diff_evMon9 (nm)
χ² / ndf 42.46 / 57
p0 0.2438 ± 0.6981
1D pull distribution
Mean 0.002692 ± 0.1123
Std Dev 0.8556 ± 0.07944
Underflow 0
Overflow 0
χ² / ndf 2.791 / 5
Constant 13.78 ± 2.30
Mean 0.02951 ± 0.12254
Sigma 0.8628 ± 0.0937

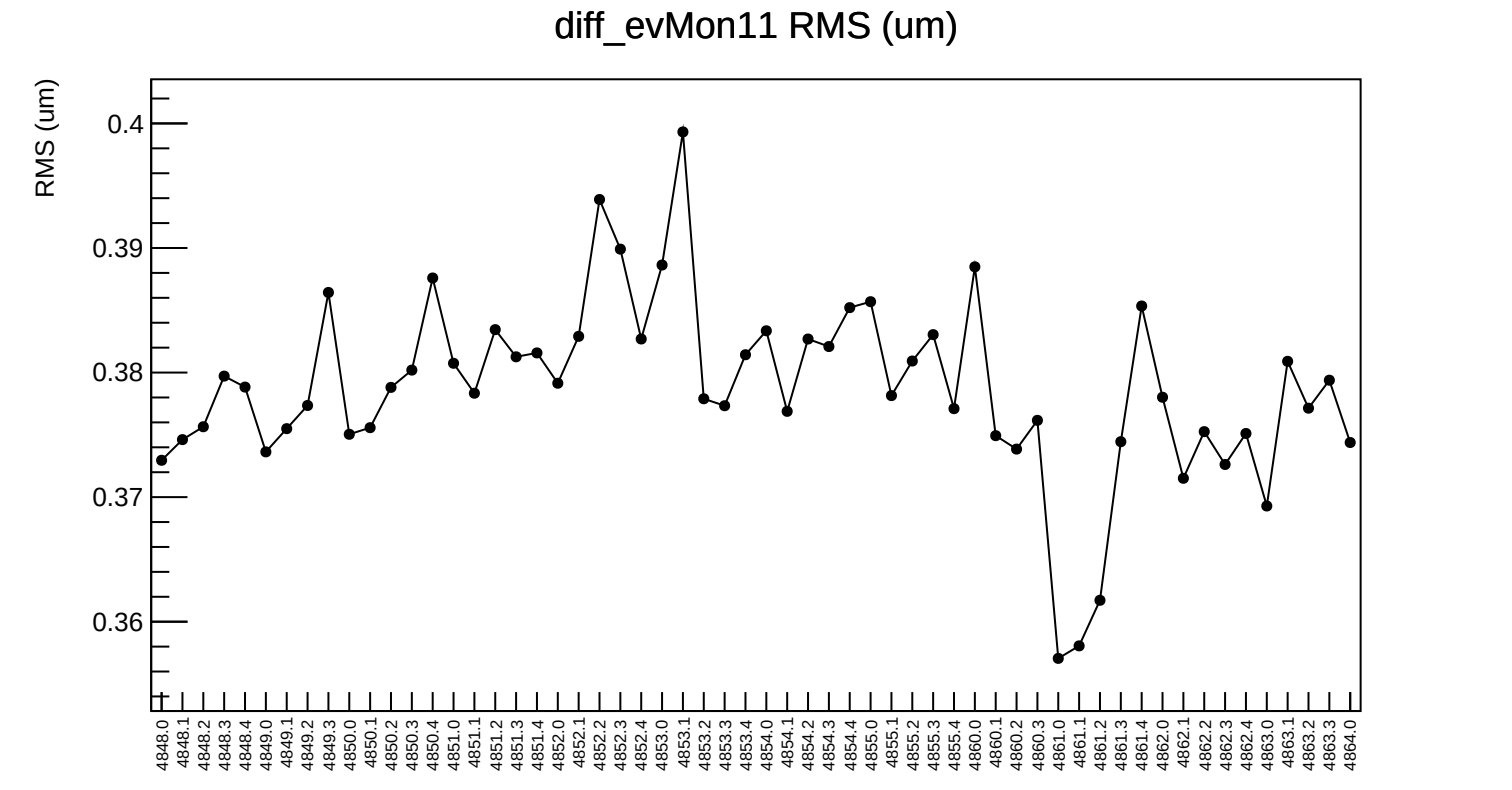

diff_evMon9 RMS (um)
RMS (um)
0.48
0.47
0.46
0.45
0.44
0.43
0.42
0.41
0.4
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

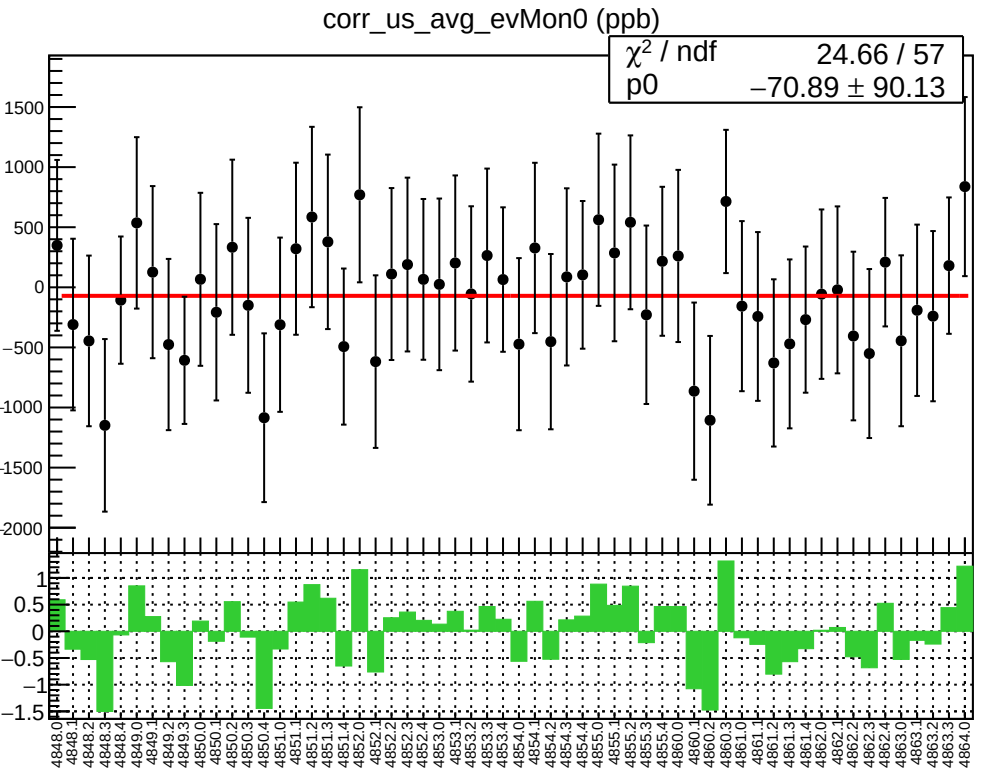

diff_evMon10 (nm)
χ² / ndf 56.59 / 57
p0 −0.6076 ± 0.5557
1D pull distribution
Mean −0.01149 ± 0.1297
Std Dev 0.9877 ± 0.09171
Underflow 0
Overflow 0
χ² / ndf 2.53 / 7
Constant 11.55 ± 2.08
Mean −0.01397 ± 0.14410
Sigma 1.031 ± 0.133

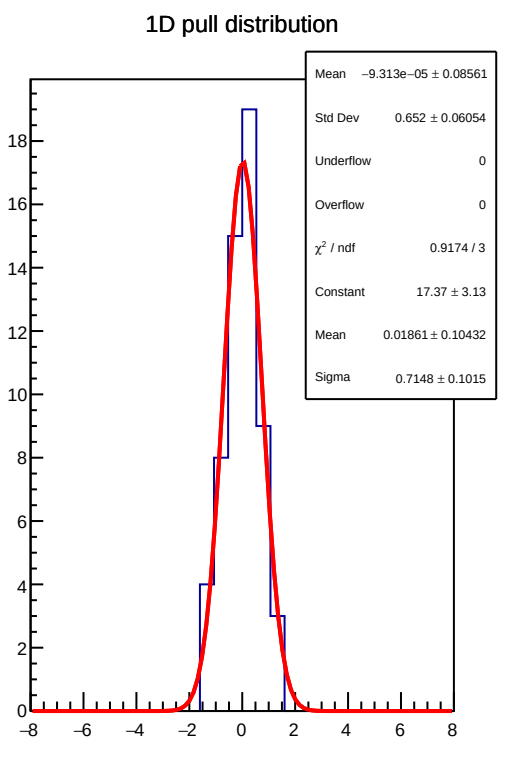

diff_evMon10 RMS (um)
RMS (um)
0.44
0.43
0.42
0.41
0.4
0.39
0.38
0.37
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

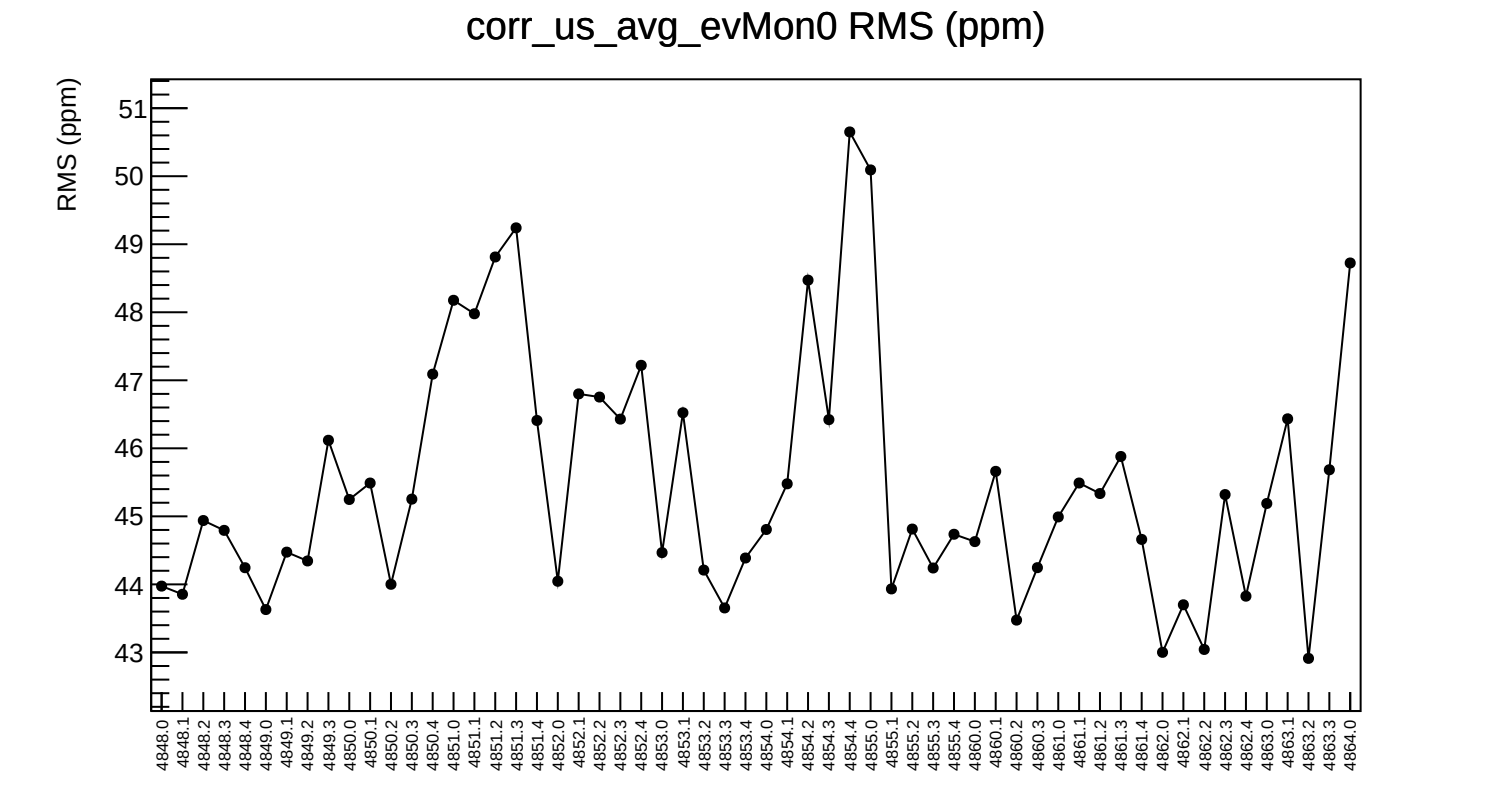

diff_evMon11 (nm)
χ² / ndf 60.62 / 57
p0 0.9296 ± 0.5174

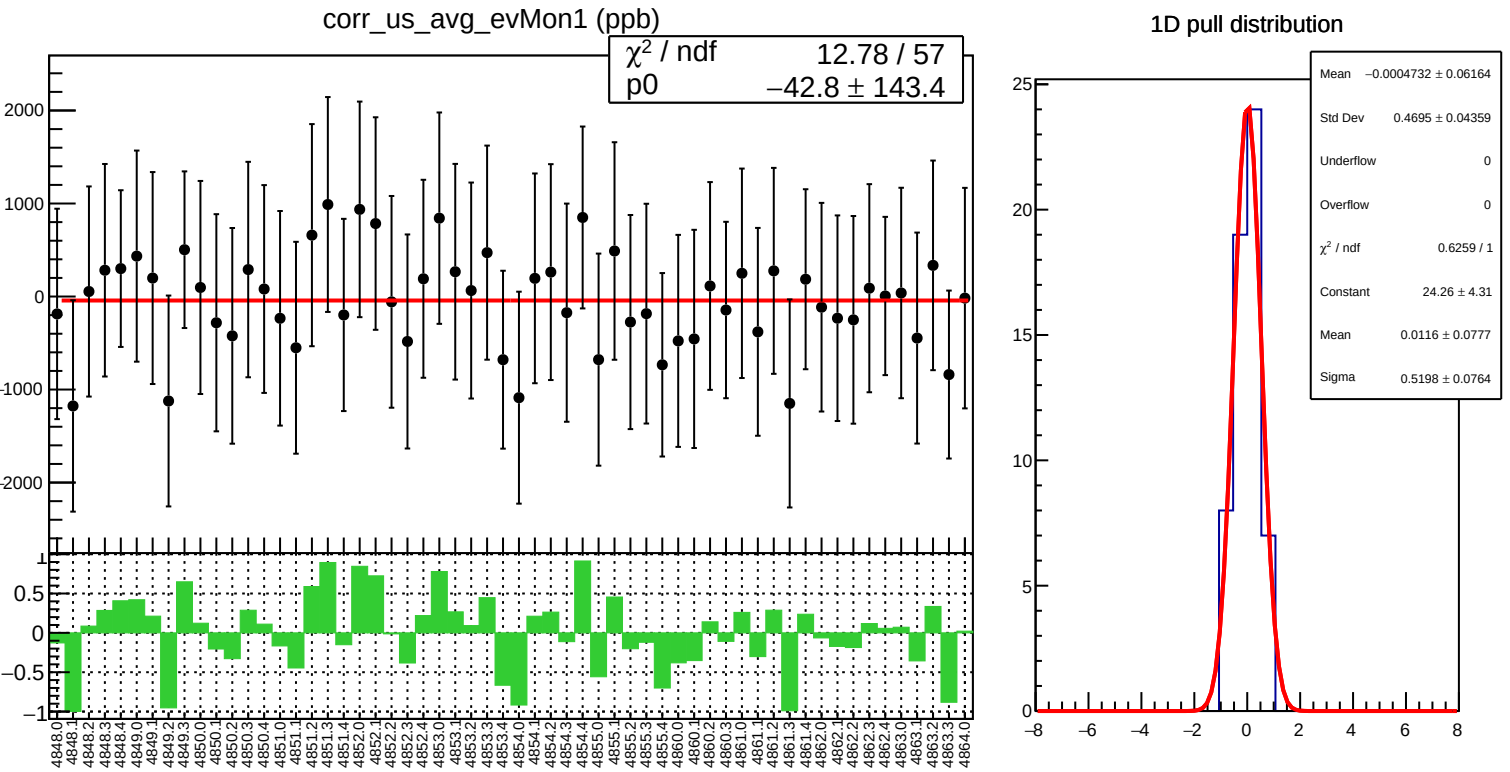

1D pull distribution
Mean −0.007317 ± 0.1342
Std Dev 1.022 ± 0.09492
Underflow 0
Overflow 0
χ² / ndf 2.532 / 7
Constant 12.48 ± 2.37
Mean −0.07078 ± 0.13042
Sigma 0.9503 ± 0.1333

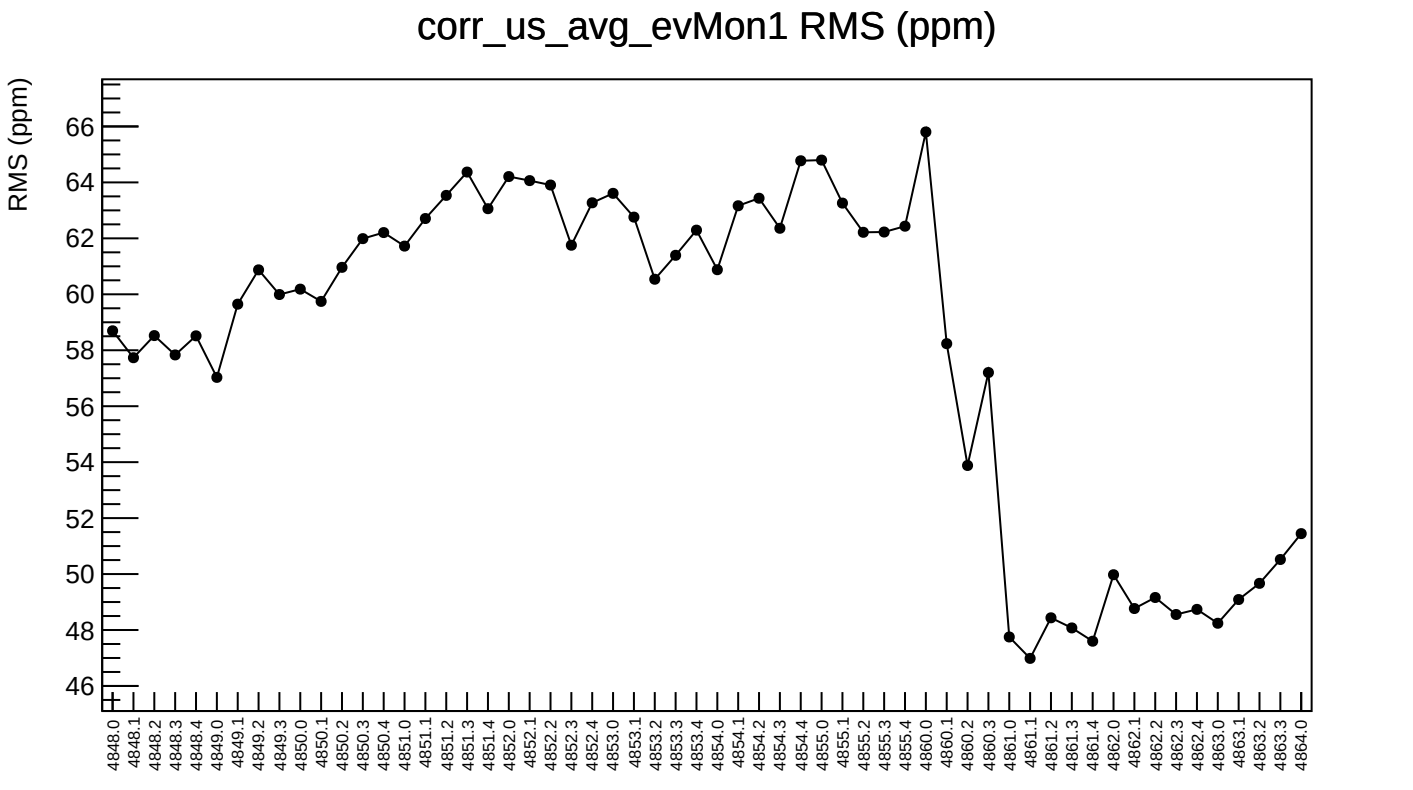

diff_evMon11 RMS (um)
RMS (um)
0.4
0.39
0.38
0.37
0.36
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

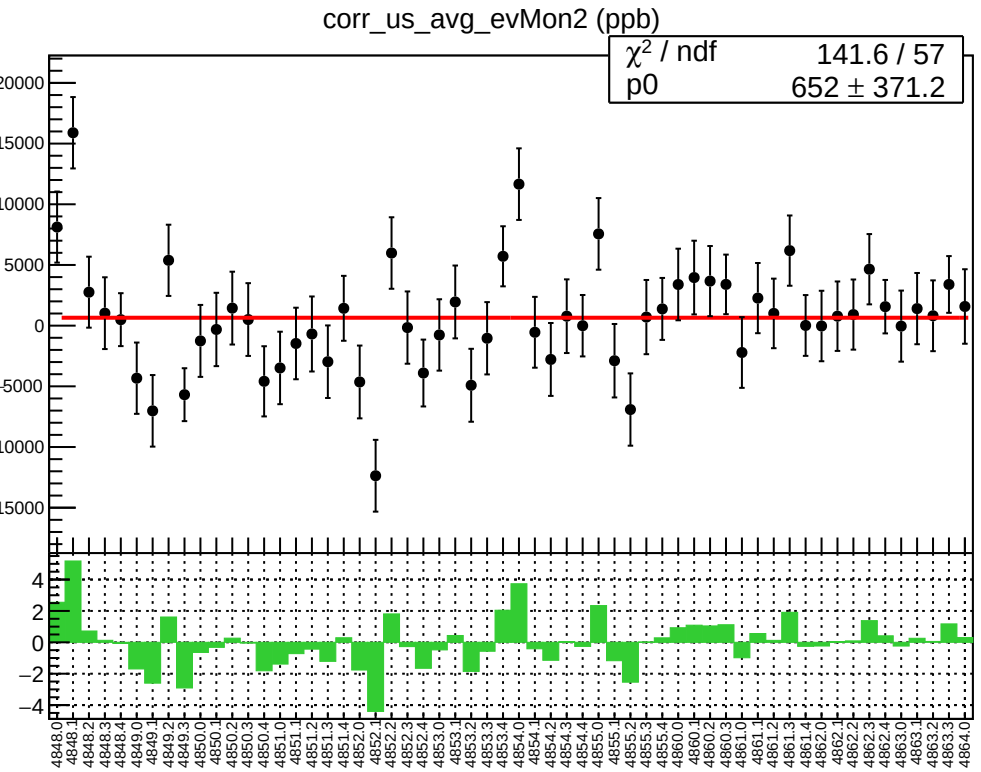

corr_us_avg_evMon0 (ppb)
χ² / ndf 24.66 / 57
p0 −70.89 ± 90.13
1500
1000
500
0
−500
−1000
−1500
−2000
1
0.5
0
−0.5
−1
−1.5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

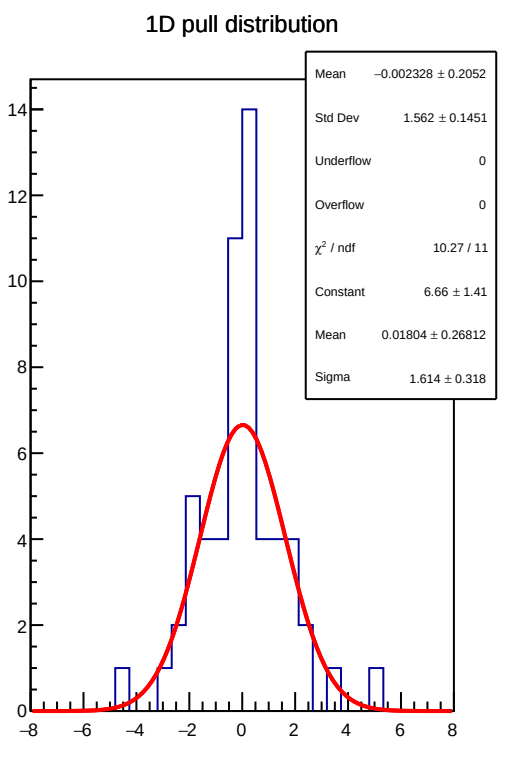

1D pull distribution
Mean −9.313e−05 ± 0.08561
Std Dev 0.652 ± 0.06054
Underflow 0
Overflow 0
χ² / ndf 0.9174 / 3
Constant 17.37 ± 3.13
Mean 0.01861 ± 0.10432
Sigma 0.7148 ± 0.1015
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

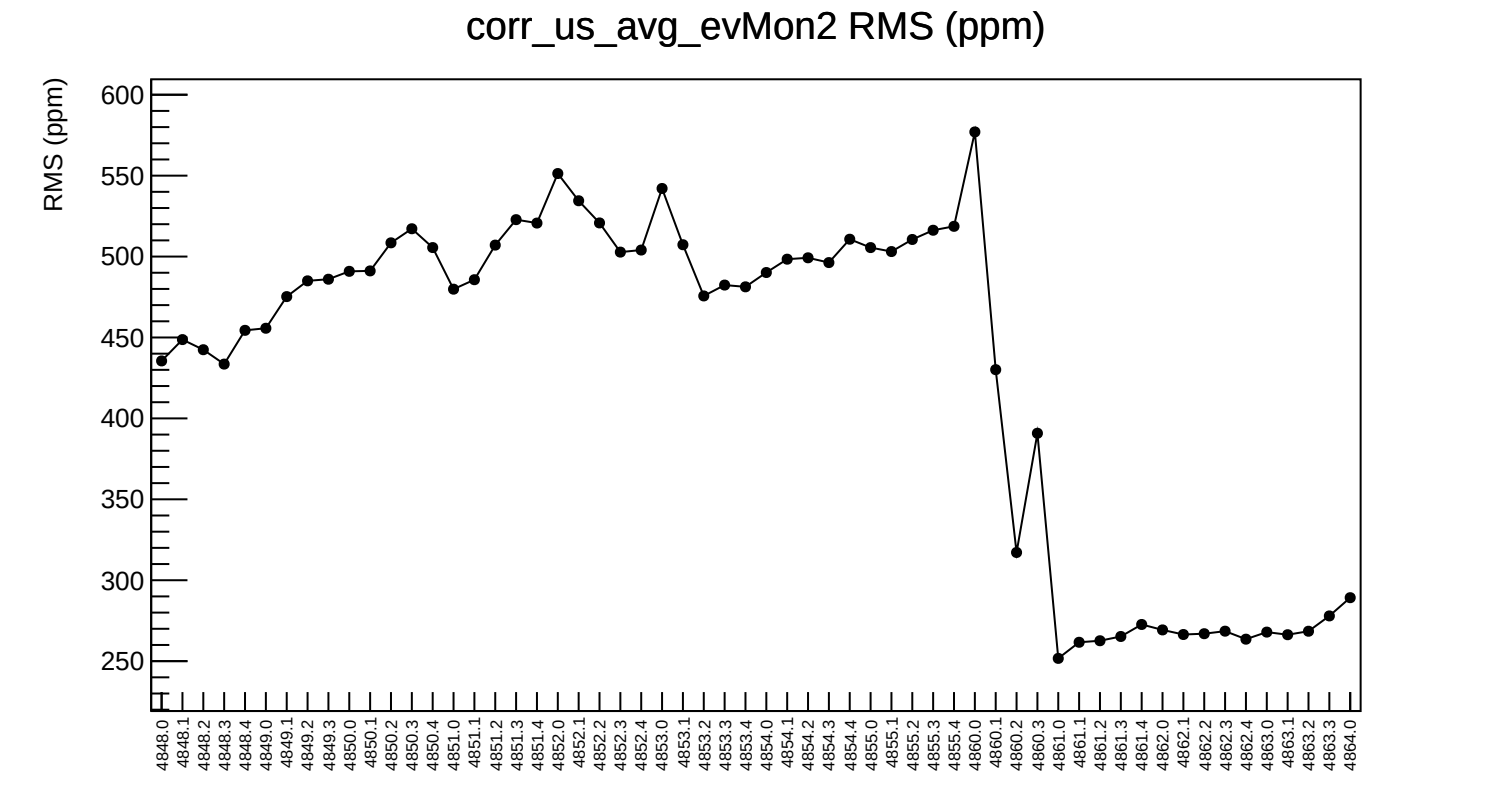

corr_us_avg_evMon0 RMS (ppm)
RMS (ppm)
51
50
49
48
47
46
45
44
43
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

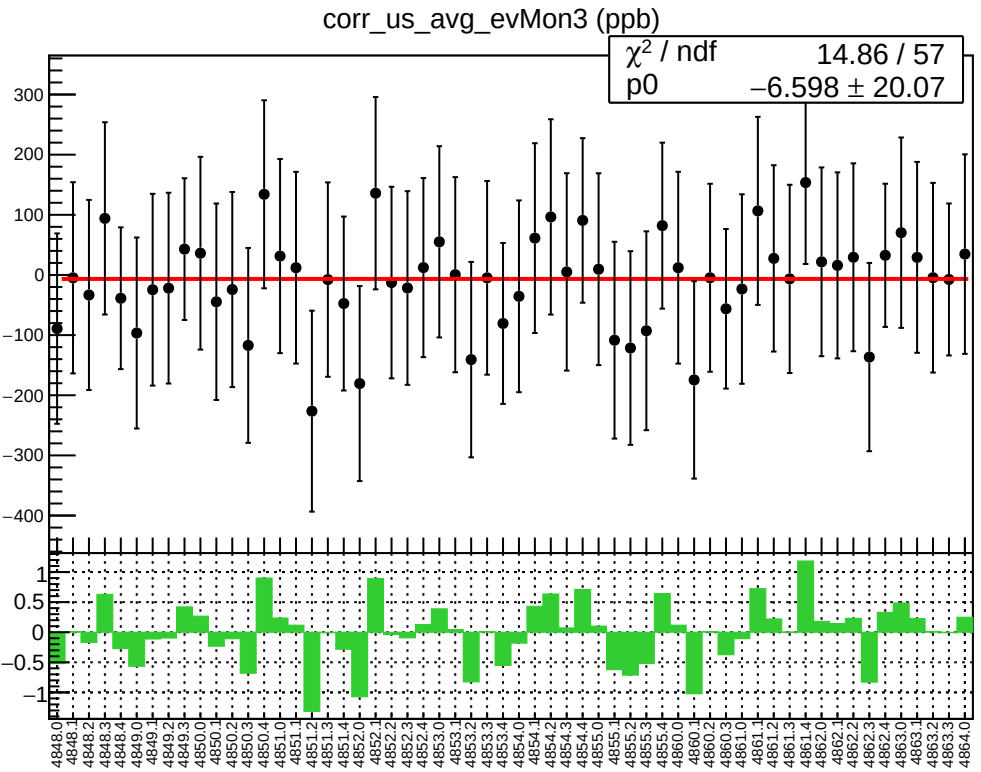

corr_us_avg_evMon1 (ppb)
χ² / ndf 12.78 / 57
p0 −42.8 ± 143.4
2000
1000
0
-1000
-2000
1
0.5
0
−0.5
−1
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0
1D pull distribution
Mean −0.0004732 ± 0.06164
Std Dev 0.4695 ± 0.04359
Underflow 0
Overflow 0
χ² / ndf 0.6259 / 1
Constant 24.26 ± 4.31
Mean 0.0116 ± 0.0777
Sigma 0.5198 ± 0.0764
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

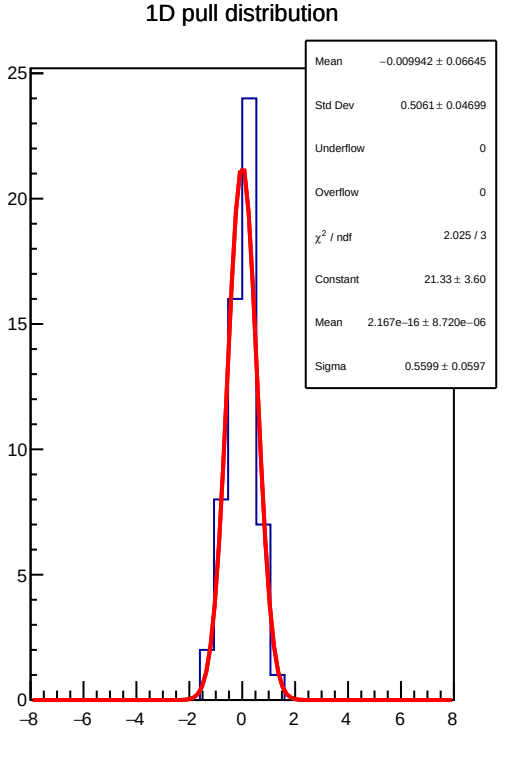

corr_us_avg_evMon1 RMS (ppm)
RMS (ppm)
66
64
62
60
58
56
54
52
50
48
46
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

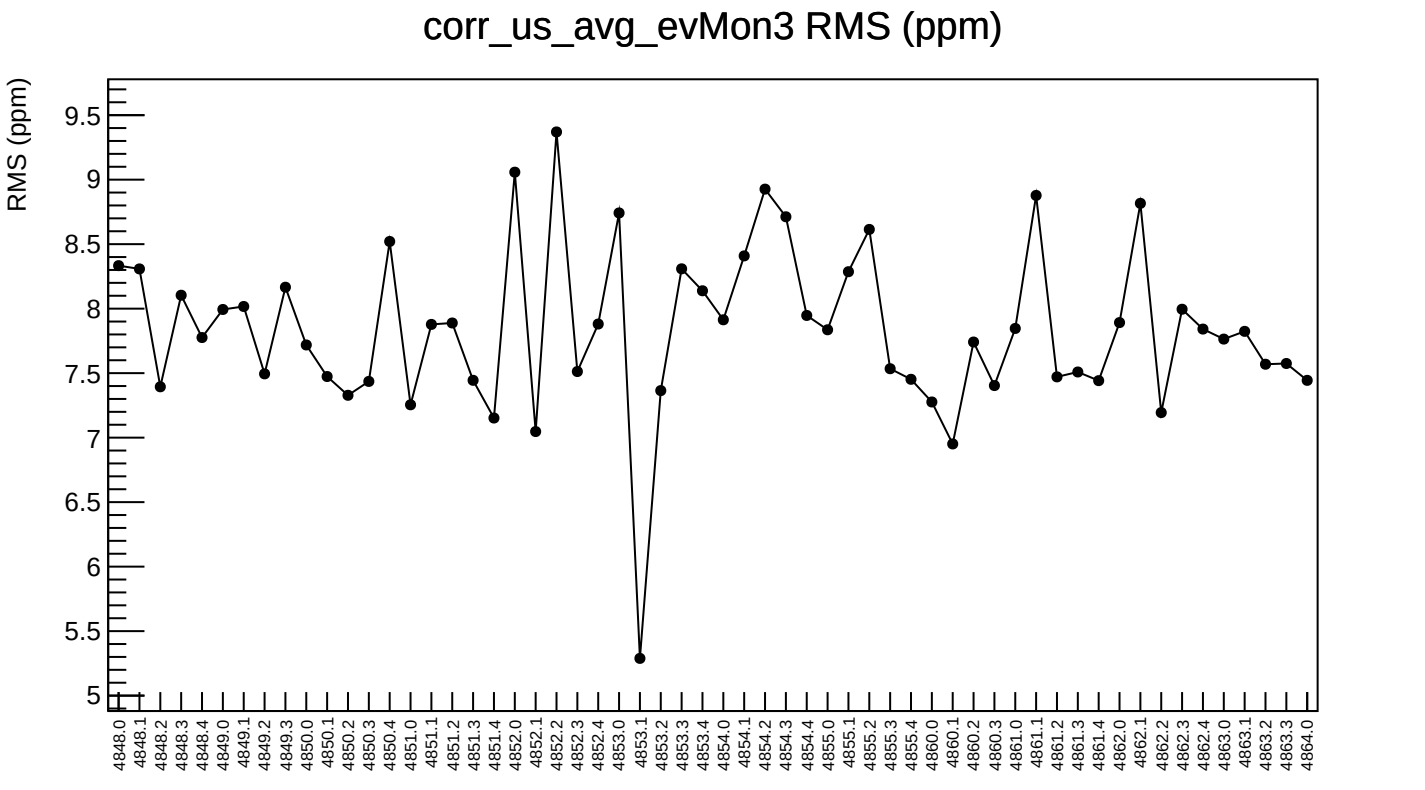

corr_us_avg_evMon2 (ppb)
χ² / ndf 141.6 / 57
p0 652 ± 371.2
20000
15000
10000
5000
0
-5000
-10000
-15000
4
2
0
−2
−4
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

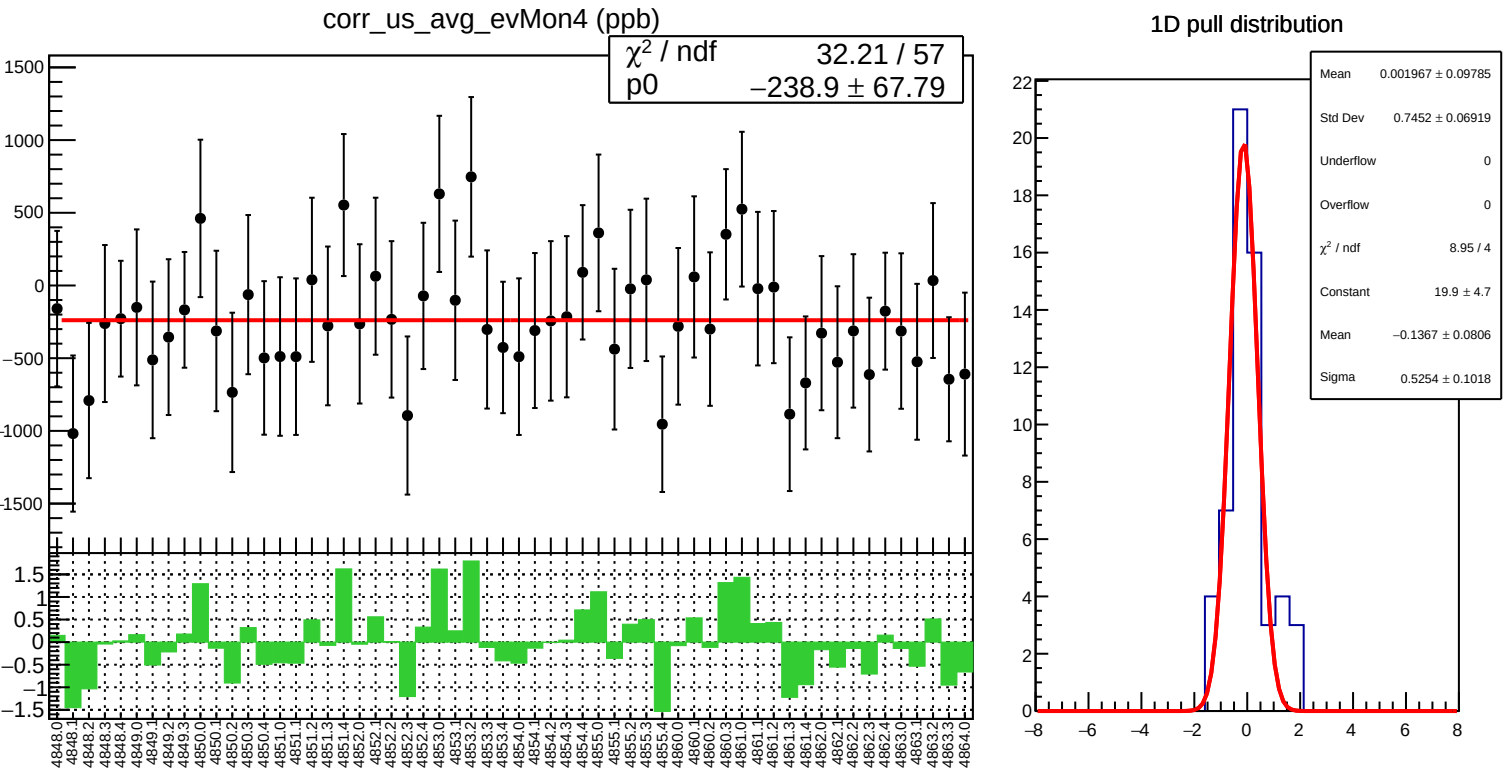

1D pull distribution
Mean −0.002328 ± 0.2052
Std Dev 1.562 ± 0.1451
Underflow 0
Overflow 0
χ² / ndf 10.27 / 11
Constant 6.66 ± 1.41
Mean 0.01804 ± 0.26812
Sigma 1.614 ± 0.318
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

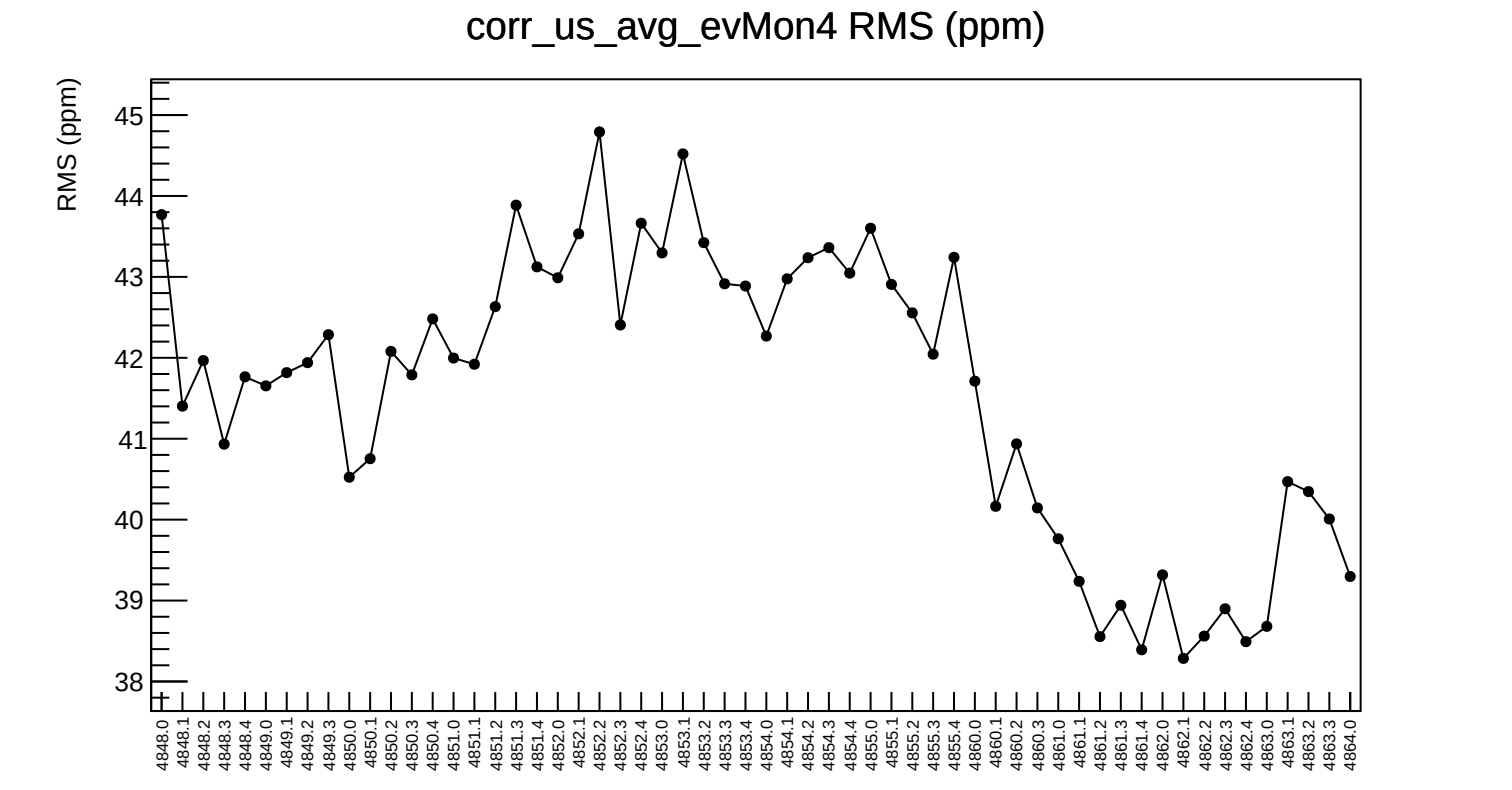

corr_us_avg_evMon2 RMS (ppm)
RMS (ppm)
600
550
500
450
400
350
300
250
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

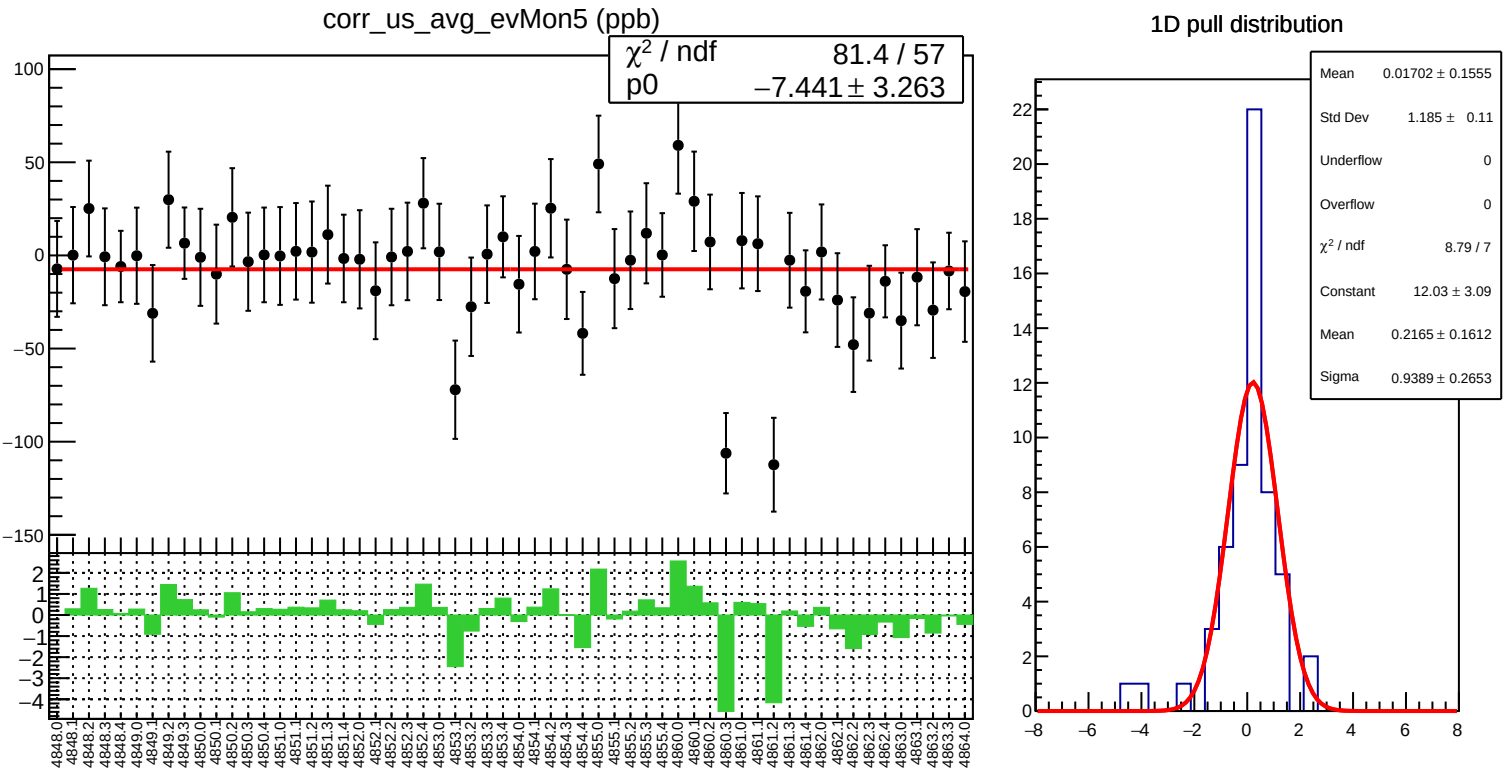

corr_us_avg_evMon3 (ppb)
χ² / ndf 14.86 / 57
p0 −6.598 ± 20.07
300
200
100
0
−100
−200
−300
−400
1
0.5
0
−0.5
−1
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

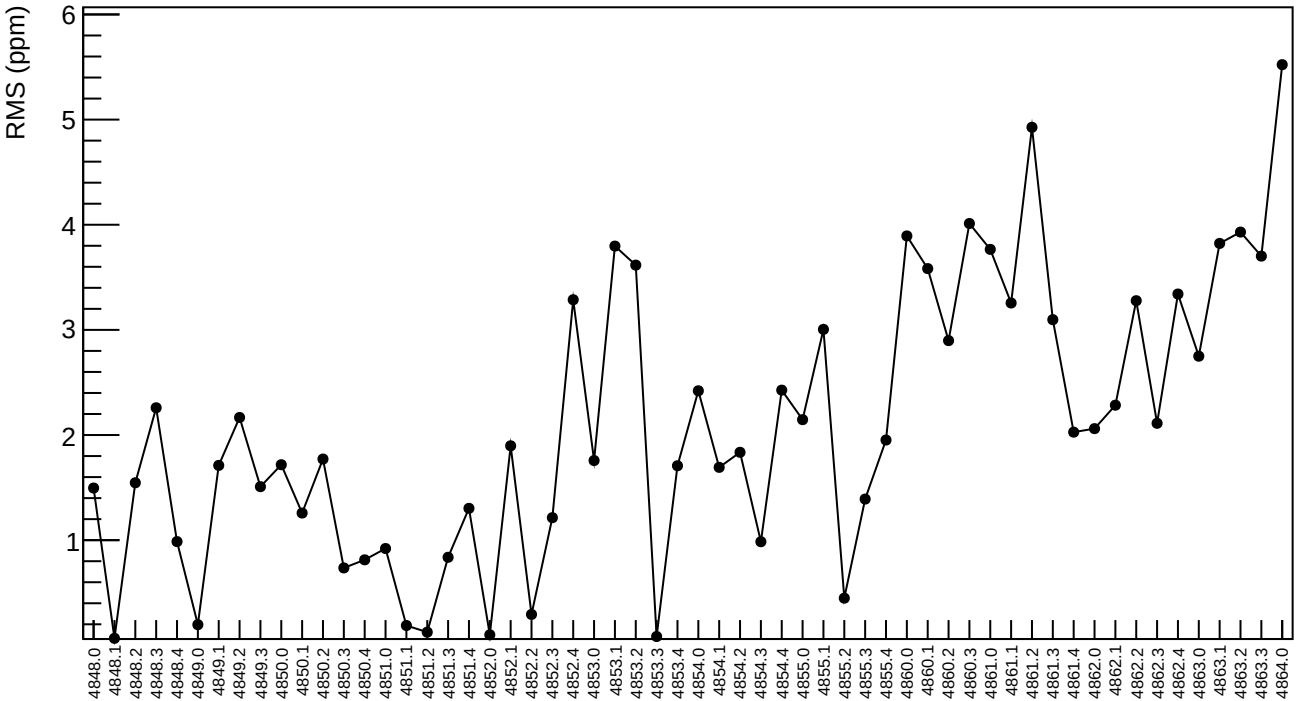

1D pull distribution
Mean −0.009942 ± 0.06645
Std Dev 0.5061 ± 0.04699
Underflow 0
Overflow 0
χ² / ndf 2.025 / 3
Constant 21.33 ± 3.60
Mean 2.167e−16 ± 8.720e−06
Sigma 0.5599 ± 0.0597
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

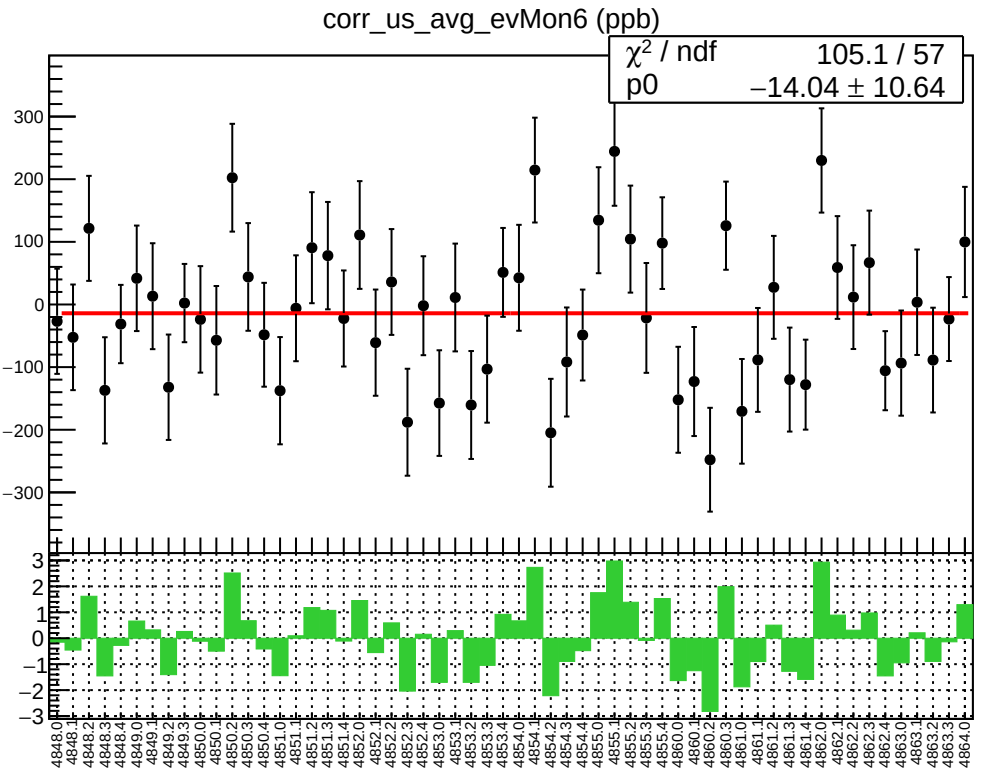

corr_us_avg_evMon3 RMS (ppm)
RMS (ppm)
9.5
9
8.5
8
7.5
7
6.5
6
5.5
5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

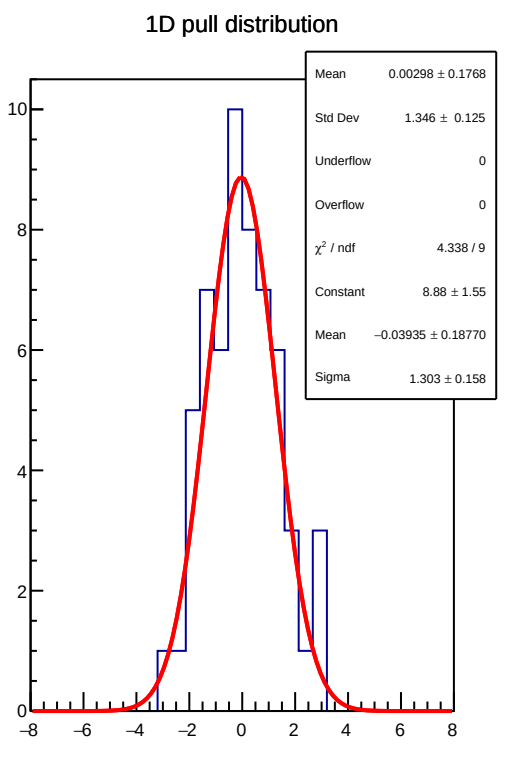

corr_us_avg_evMon4 (ppb)
χ² / ndf 32.21 / 57
p0 −238.9 ± 67.79
1D pull distribution
Mean 0.001967 ± 0.09785
Std Dev 0.7452 ± 0.06919
Underflow 0
Overflow 0
χ² / ndf 8.95 / 4
Constant 19.9 ± 4.7
Mean −0.1367 ± 0.0806
Sigma 0.5254 ± 0.1018

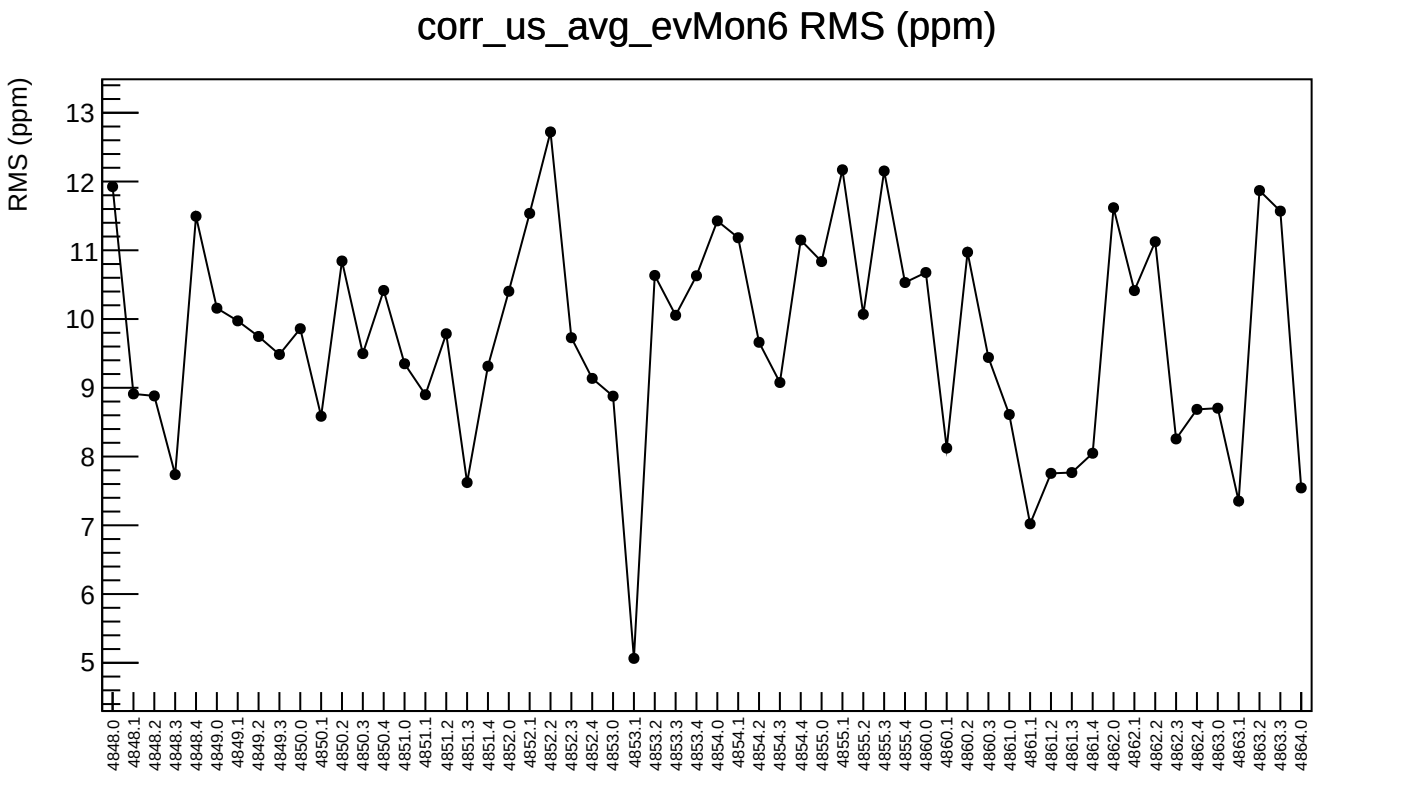

corr_us_avg_evMon4 RMS (ppm)
RMS (ppm)
45
44
43
42
41
40
39
38
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

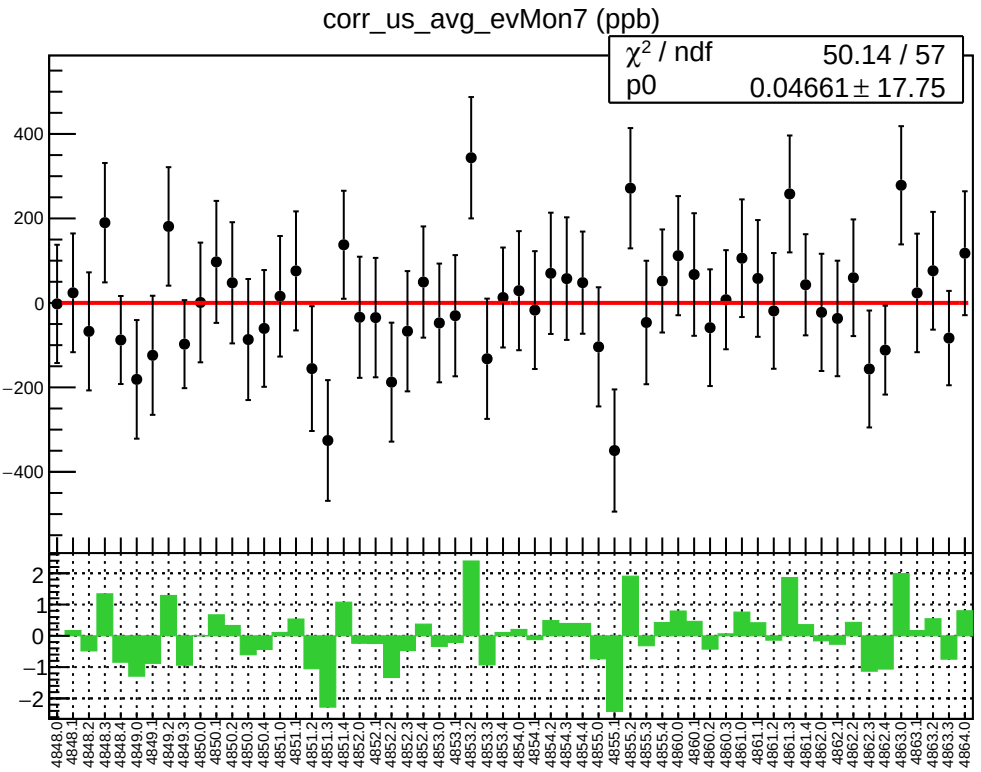

corr_us_avg_evMon5 (ppb)
χ² / ndf 81.4 / 57
p0 −7.441 ± 3.263
1D pull distribution
Mean 0.01702 ± 0.1555
Std Dev 1.185 ± 0.11
Underflow 0
Overflow 0
χ² / ndf 8.79 / 7
Constant 12.03 ± 3.09
Mean 0.2165 ± 0.1612
Sigma 0.9389 ± 0.2653

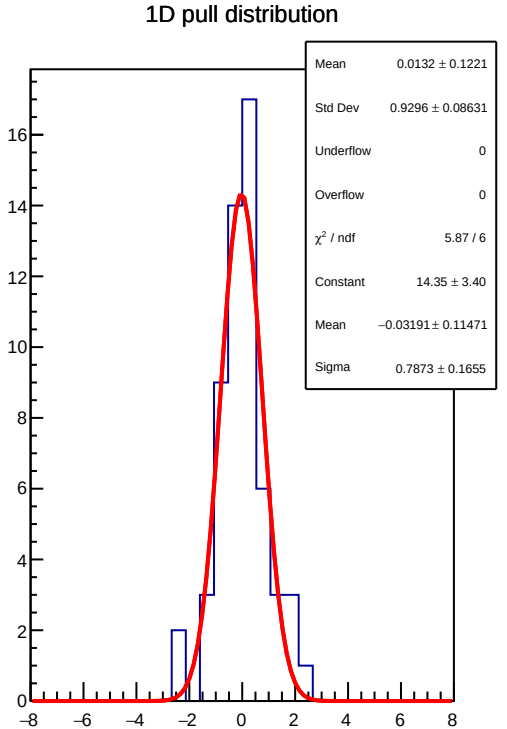

corr_us_avg_evMon5 RMS (ppm)
RMS (ppm)
6
5
4
3
2
1
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

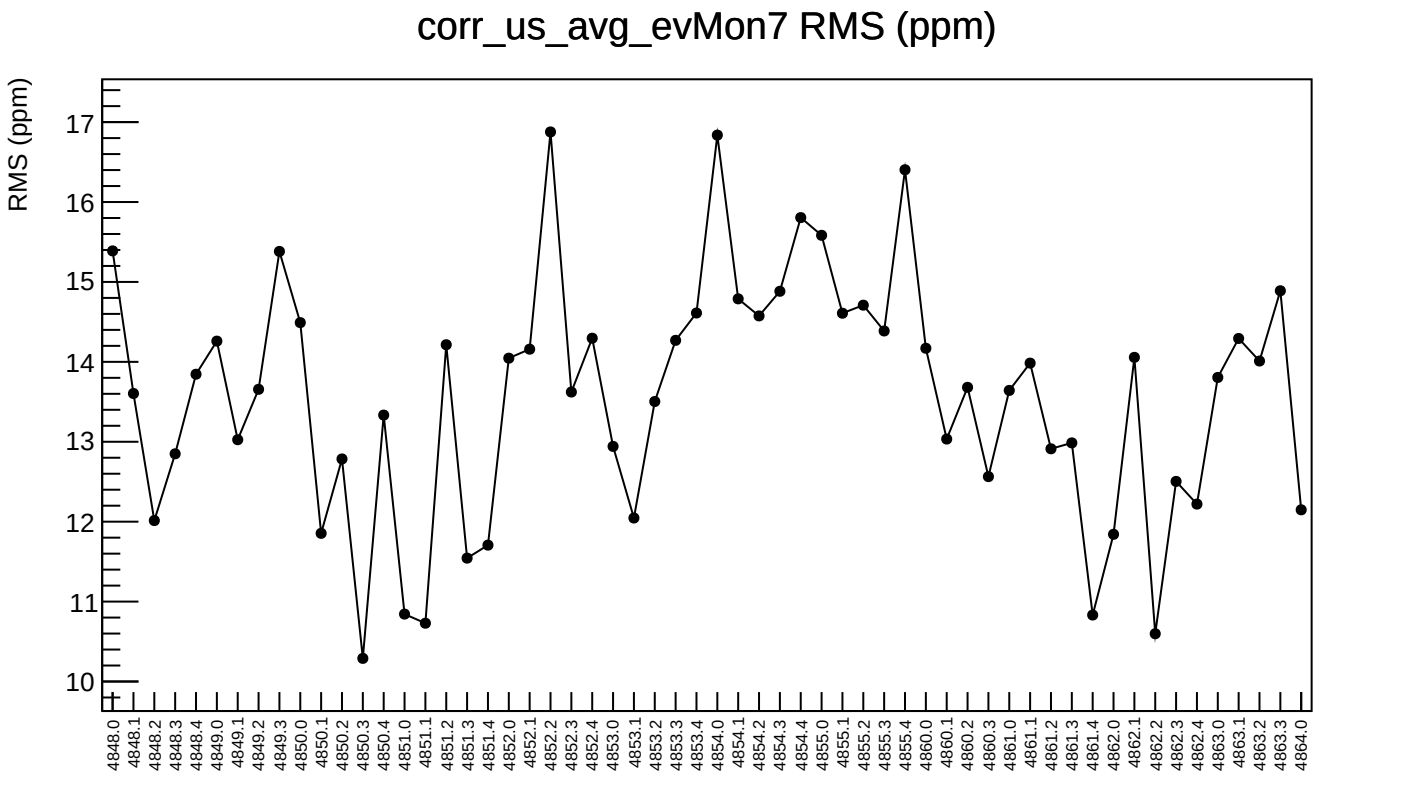

corr_us_avg_evMon6 (ppb)
χ² / ndf 105.1 / 57
p0 −14.04 ± 10.64

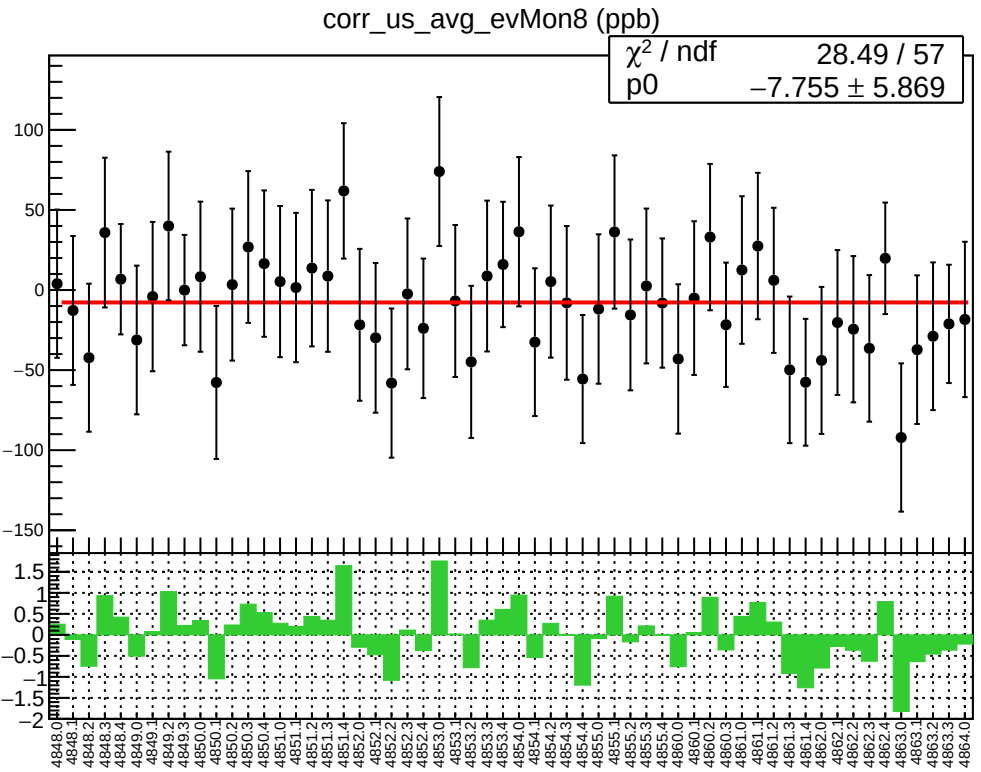

1D pull distribution
Mean 0.00298 ± 0.1768
Std Dev 1.346 ± 0.125
Underflow 0
Overflow 0
χ² / ndf 4.338 / 9
Constant 8.88 ± 1.55
Mean −0.03935 ± 0.18770
Sigma 1.303 ± 0.158

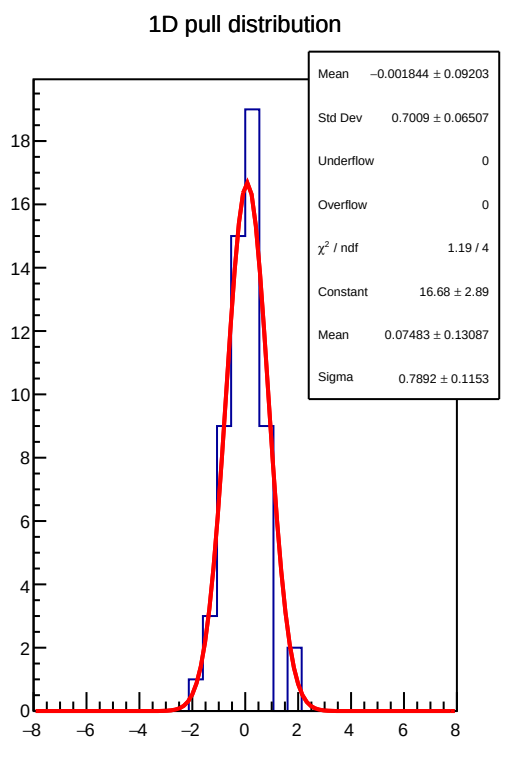

corr_us_avg_evMon6 RMS (ppm)
RMS (ppm)
13
12
11
10
9
8
7
6
5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

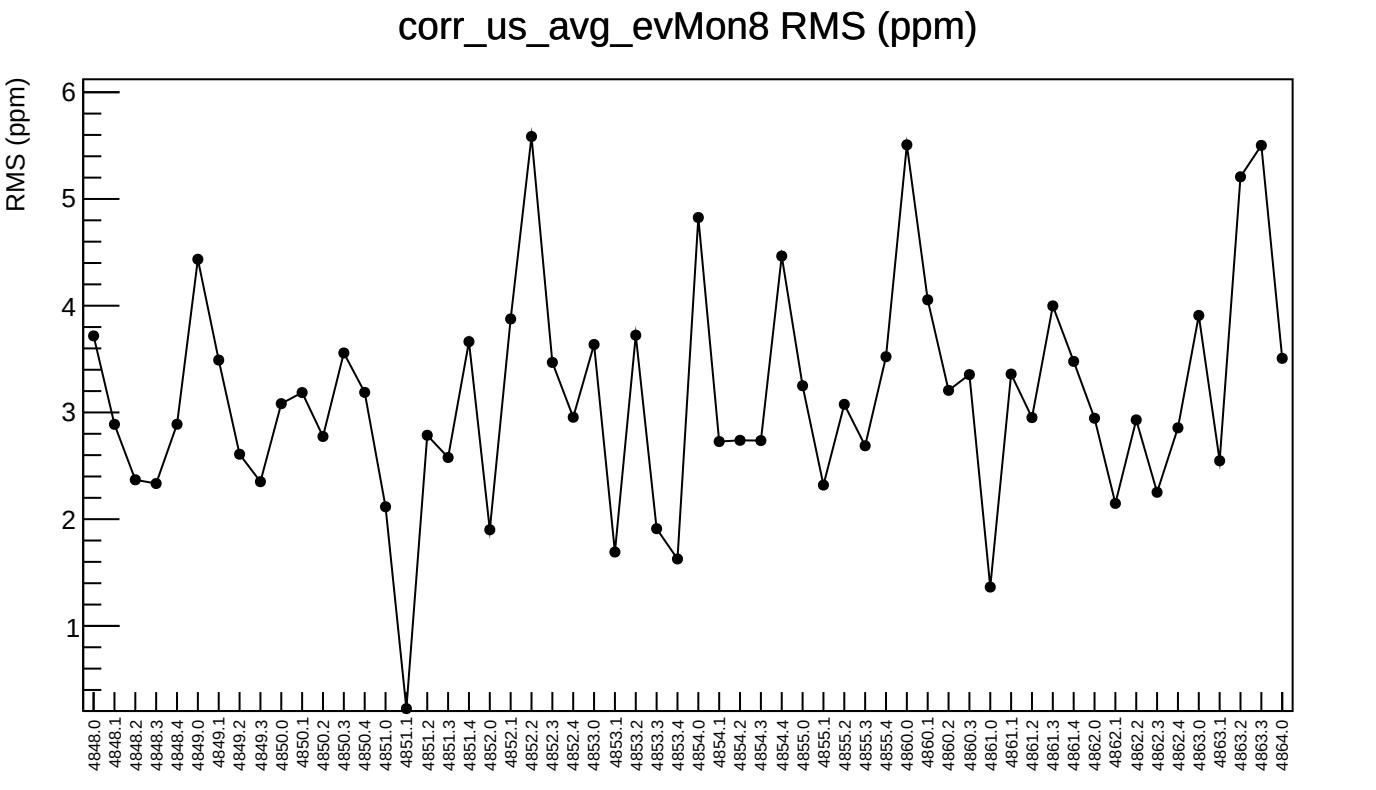

corr_us_avg_evMon7 (ppb)
χ² / ndf 50.14 / 57
p0 0.04661 ± 17.75
400
200
0
−200
−400
2
1
0
−1
−2
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

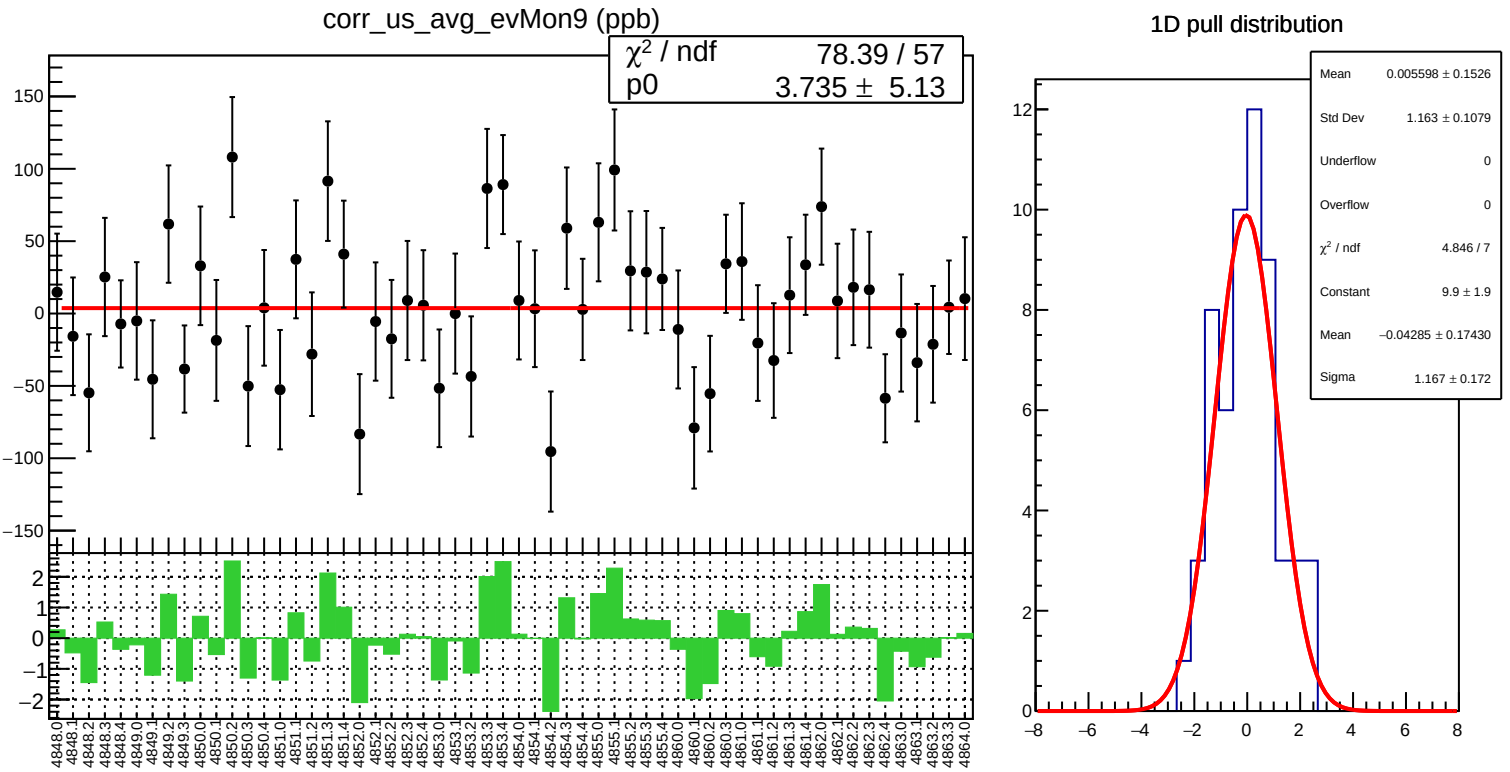

1D pull distribution
Mean 0.0132 ± 0.1221
Std Dev 0.9296 ± 0.08631
Underflow 0
Overflow 0
χ² / ndf 5.87 / 6
Constant 14.35 ± 3.40
Mean −0.03191 ± 0.11471
Sigma 0.7873 ± 0.1655
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

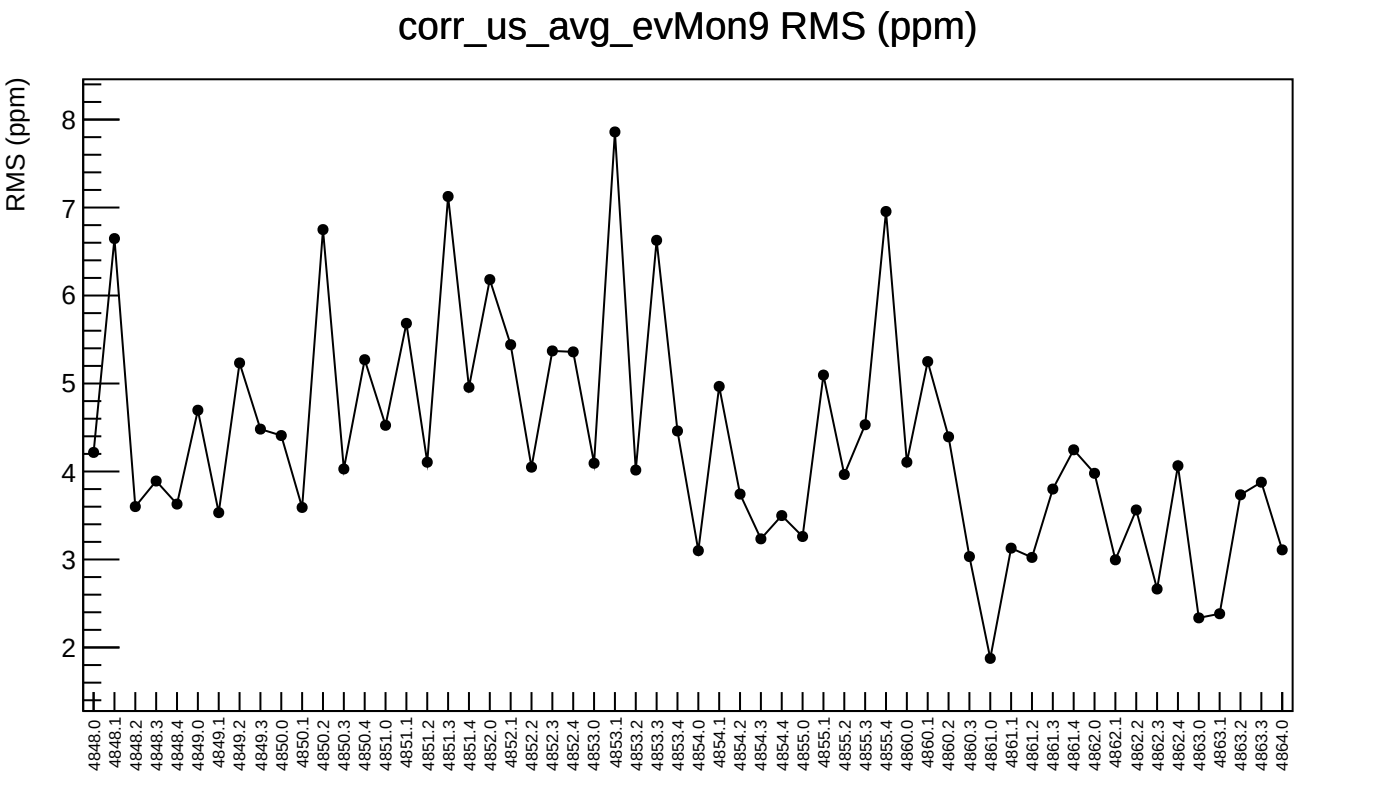

corr_us_avg_evMon7 RMS (ppm)
RMS (ppm)
17
16
15
14
13
12
11
10
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

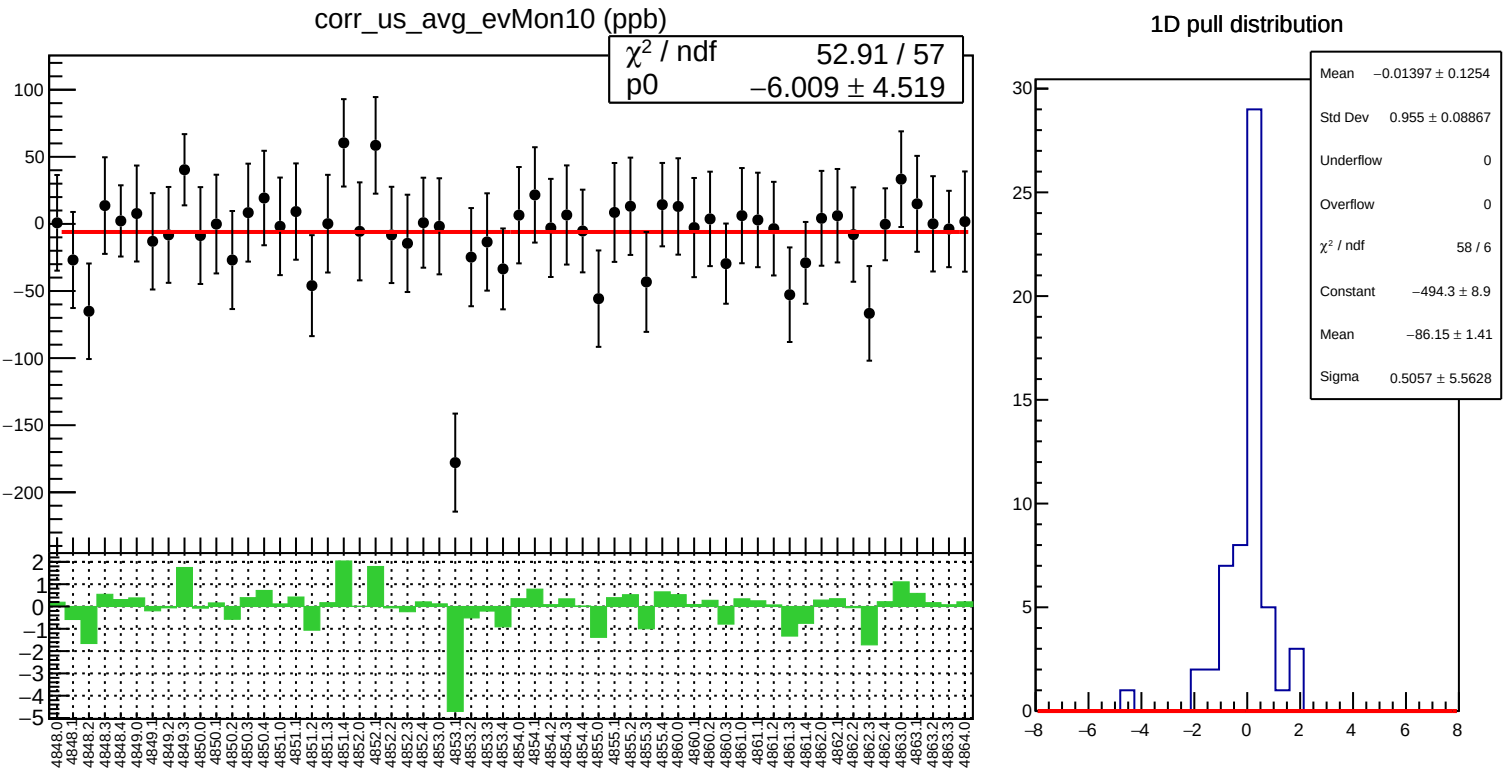

corr_us_avg_evMon8 (ppb)
χ² / ndf 28.49 / 57
p0 −7.755 ± 5.869

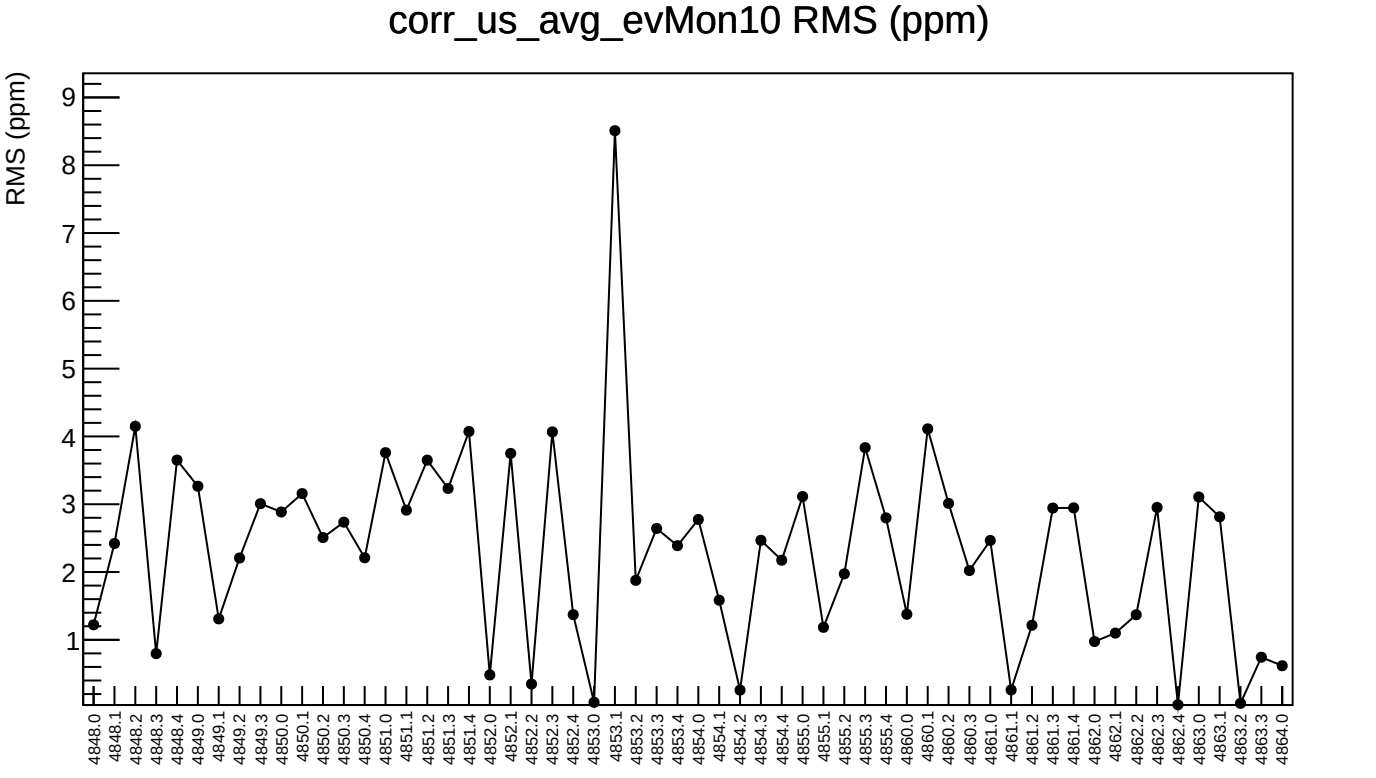

1D pull distribution
Mean −0.001844 ± 0.09203
Std Dev 0.7009 ± 0.06507
Underflow 0
Overflow 0
χ² / ndf 1.19 / 4
Constant 16.68 ± 2.89
Mean 0.07483 ± 0.13087
Sigma 0.7892 ± 0.1153

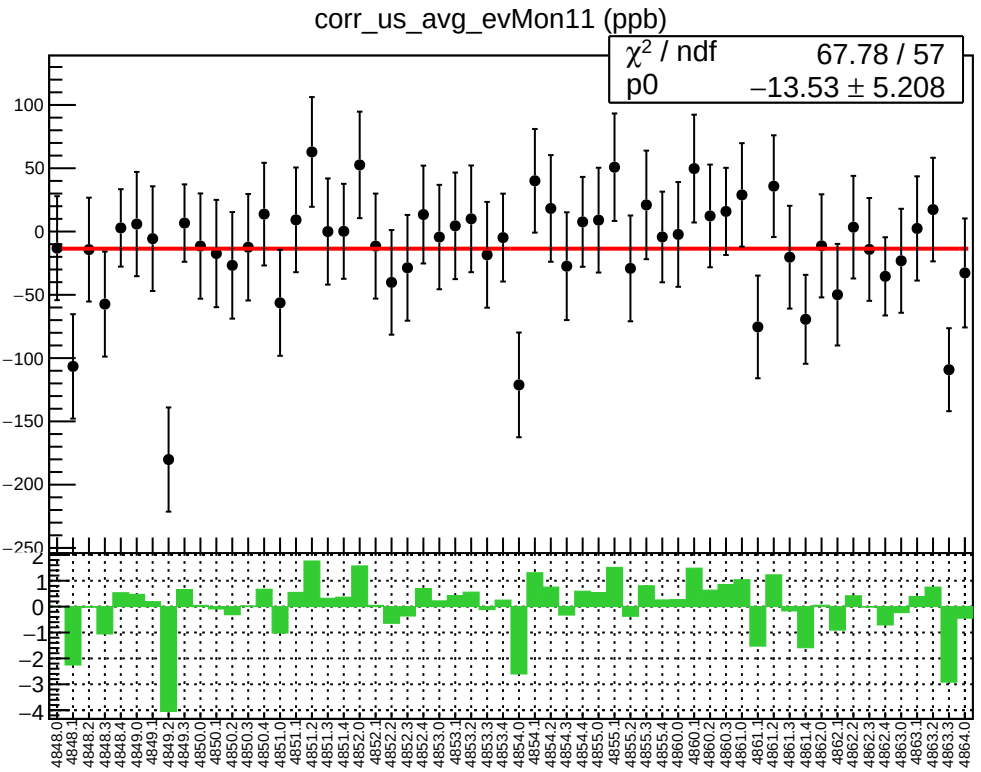

corr_us_avg_evMon8 RMS (ppm)
RMS (ppm)
6
5
4
3
2
1
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

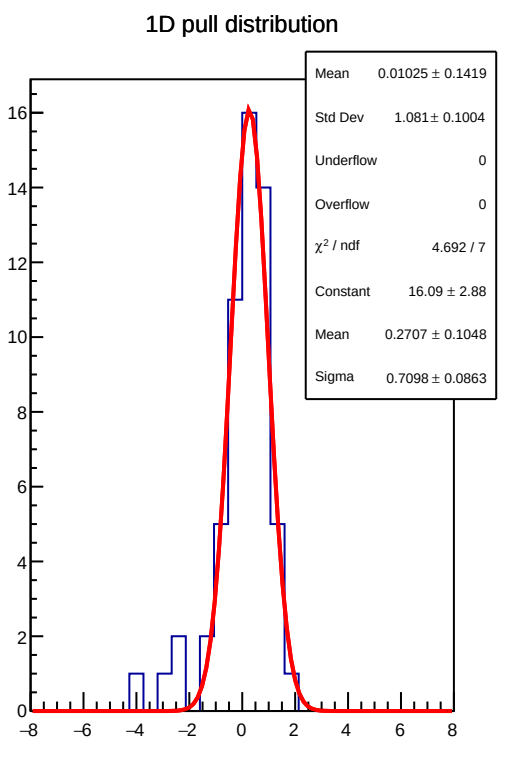

corr_us_avg_evMon9 (ppb)
χ² / ndf 78.39 / 57
p0 3.735 ± 5.13
1D pull distribution
Mean 0.005598 ± 0.1526
Std Dev 1.163 ± 0.1079
Underflow 0
Overflow 0
χ² / ndf 4.846 / 7
Constant 9.9 ± 1.9
Mean −0.04285 ± 0.17430
Sigma 1.167 ± 0.172

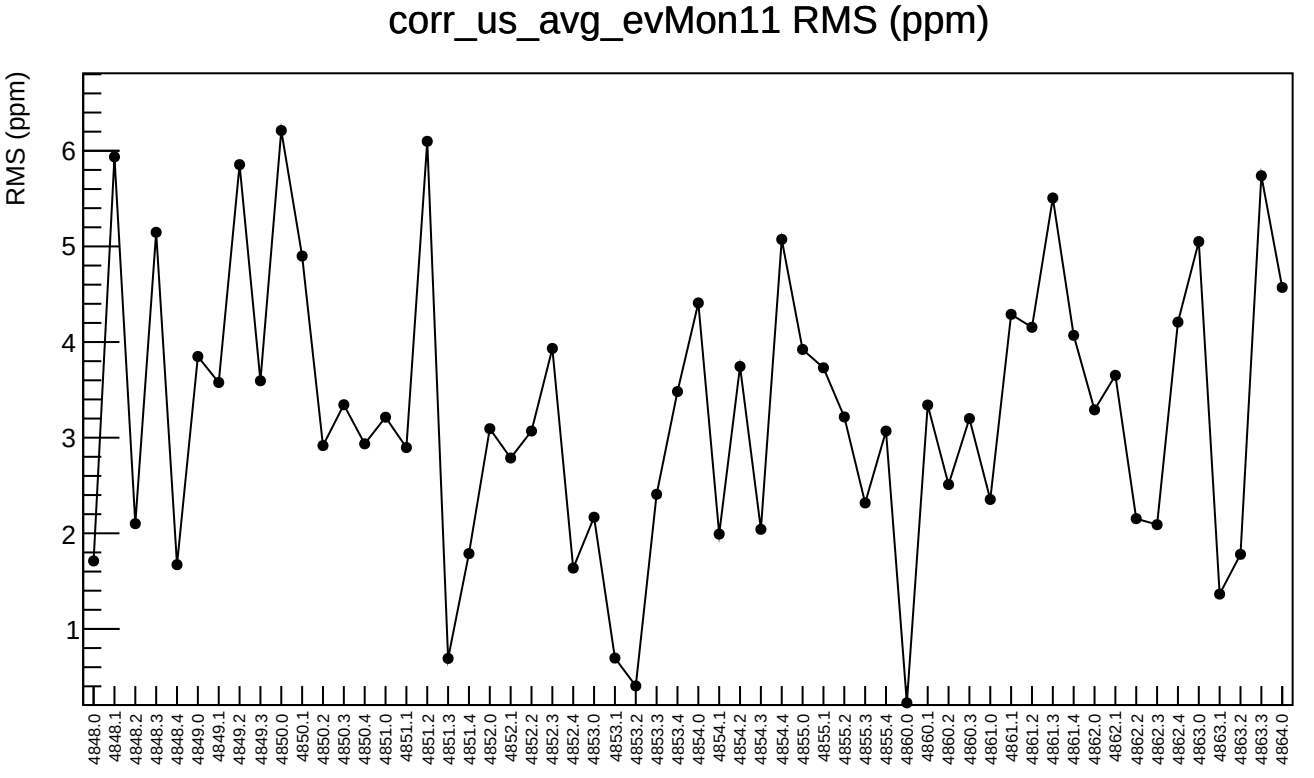

corr_us_avg_evMon9 RMS (ppm)
RMS (ppm)
8
7
6
5
4
3
2
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

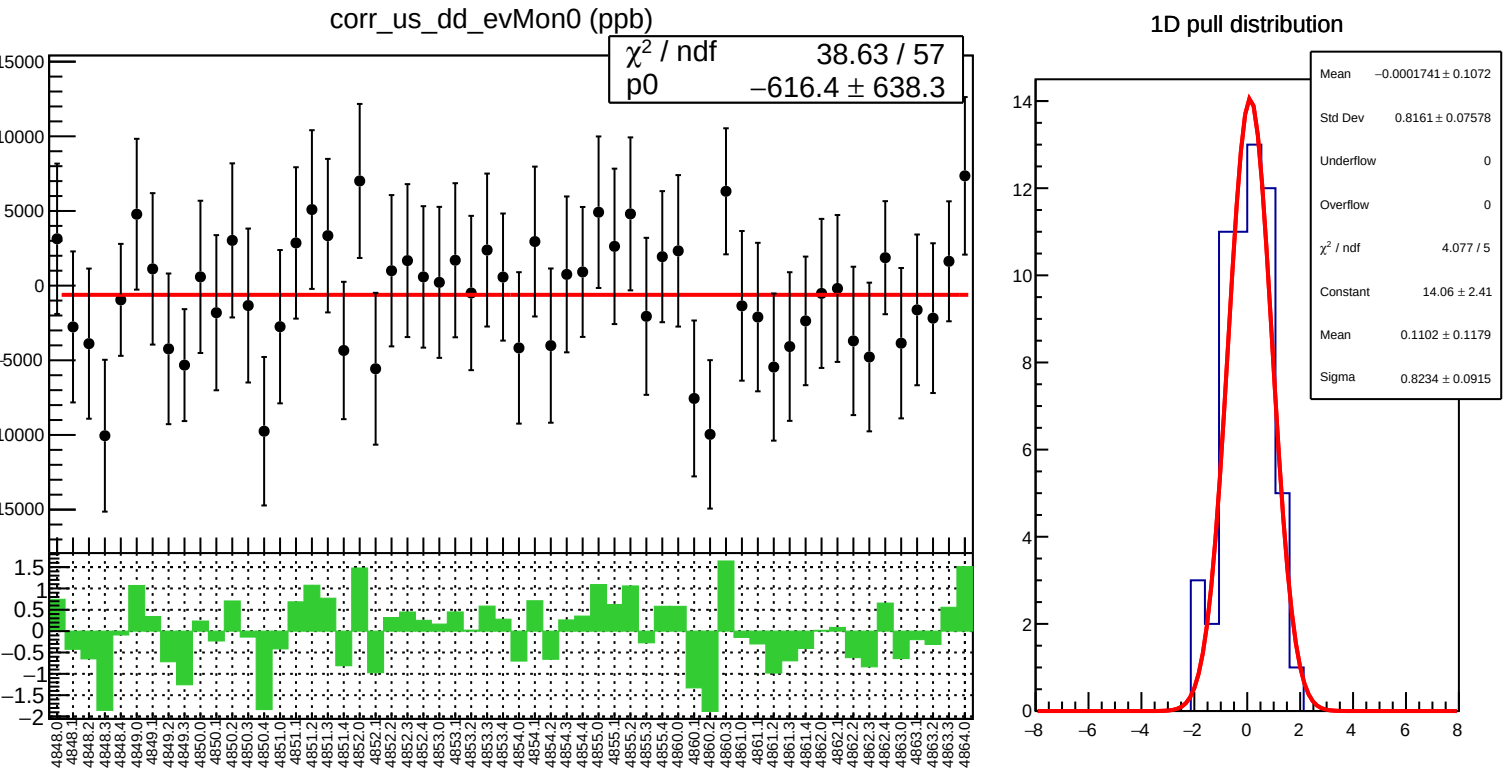

corr_us_avg_evMon10 (ppb)
χ² / ndf 52.91 / 57
p0 −6.009 ± 4.519
1D pull distribution
Mean −0.01397 ± 0.1254
Std Dev 0.955 ± 0.08867
Underflow 0
Overflow 0
χ² / ndf 58 / 6
Constant −494.3 ± 8.9
Mean −86.15 ± 1.41
Sigma 0.5057 ± 5.5628

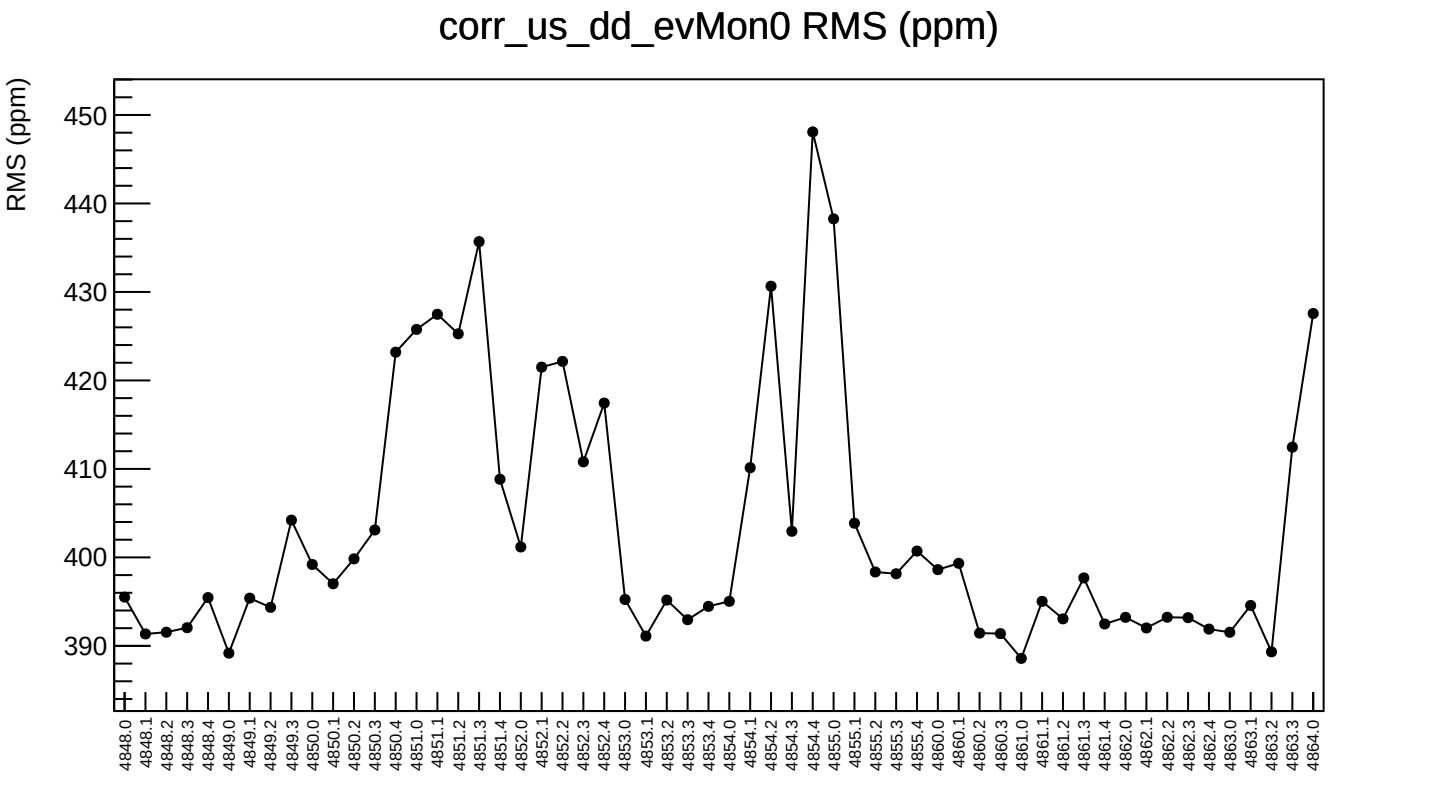

corr_us_avg_evMon10 RMS (ppm)
RMS (ppm)
9
8
7
6
5
4
3
2
1
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

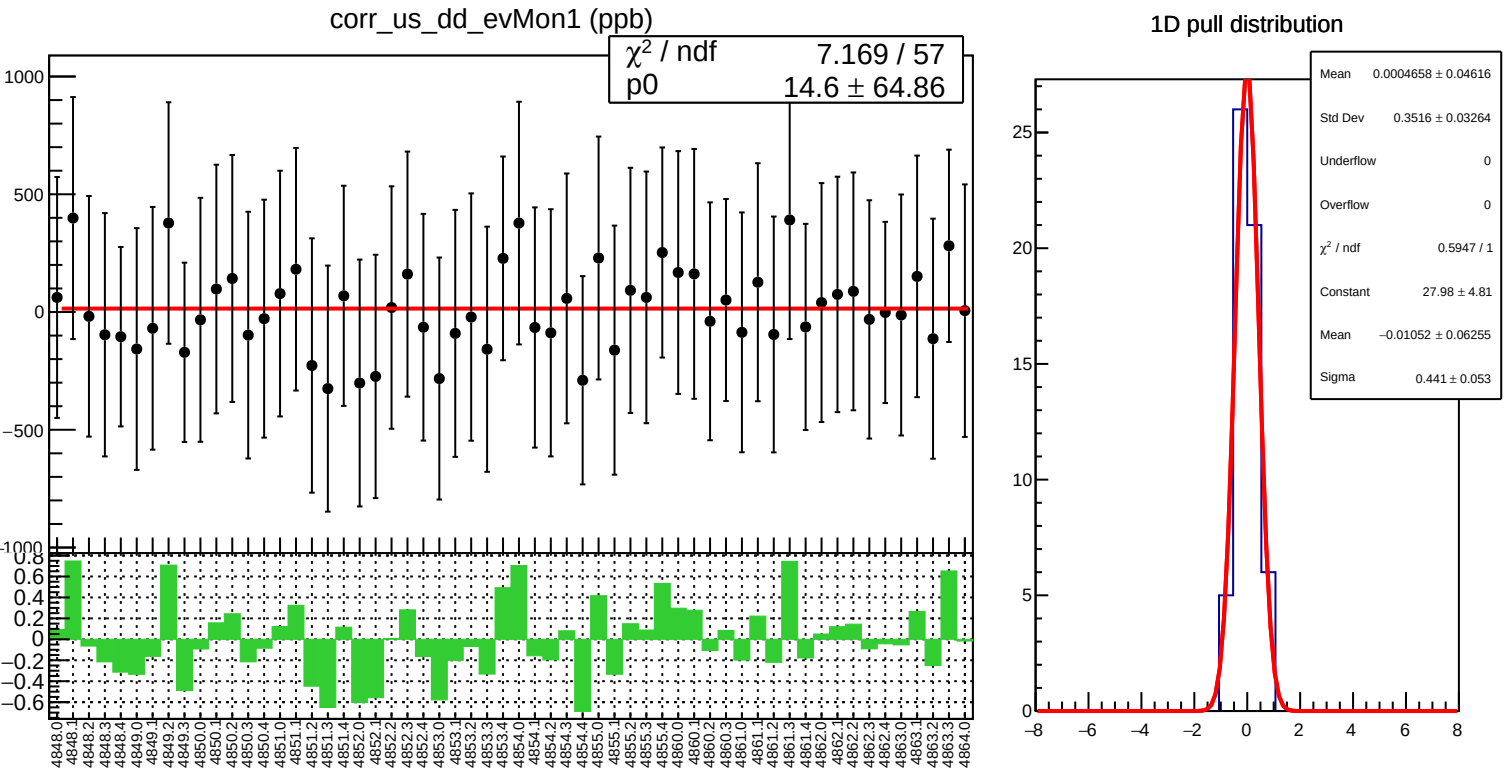

corr_us_avg_evMon11 (ppb)
χ² / ndf 67.78 / 57
p0 −13.53 ± 5.208

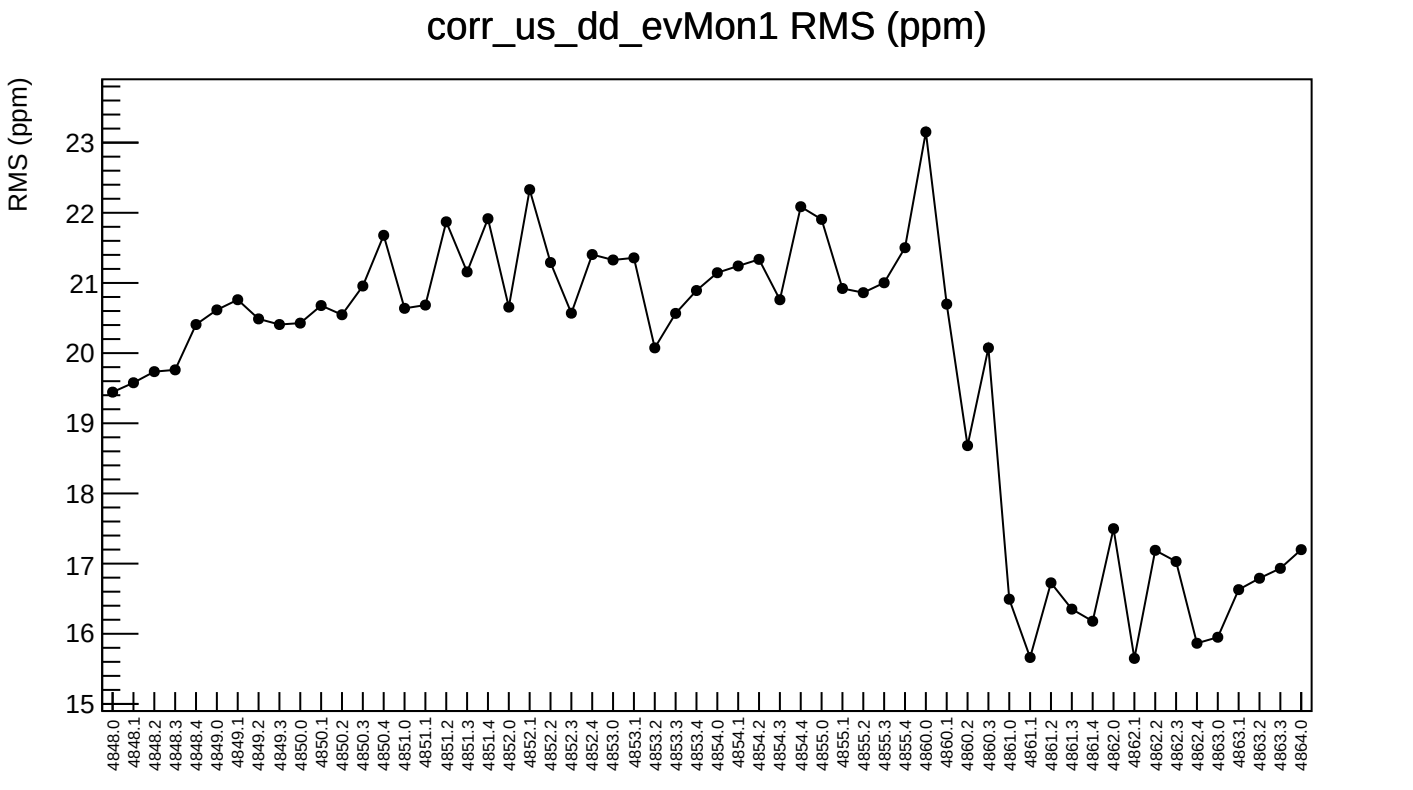

1D pull distribution
Mean 0.01025 ± 0.1419
Std Dev 1.081 ± 0.1004
Underflow 0
Overflow 0
χ² / ndf 4.692 / 7
Constant 16.09 ± 2.88
Mean 0.2707 ± 0.1048
Sigma 0.7098 ± 0.0863

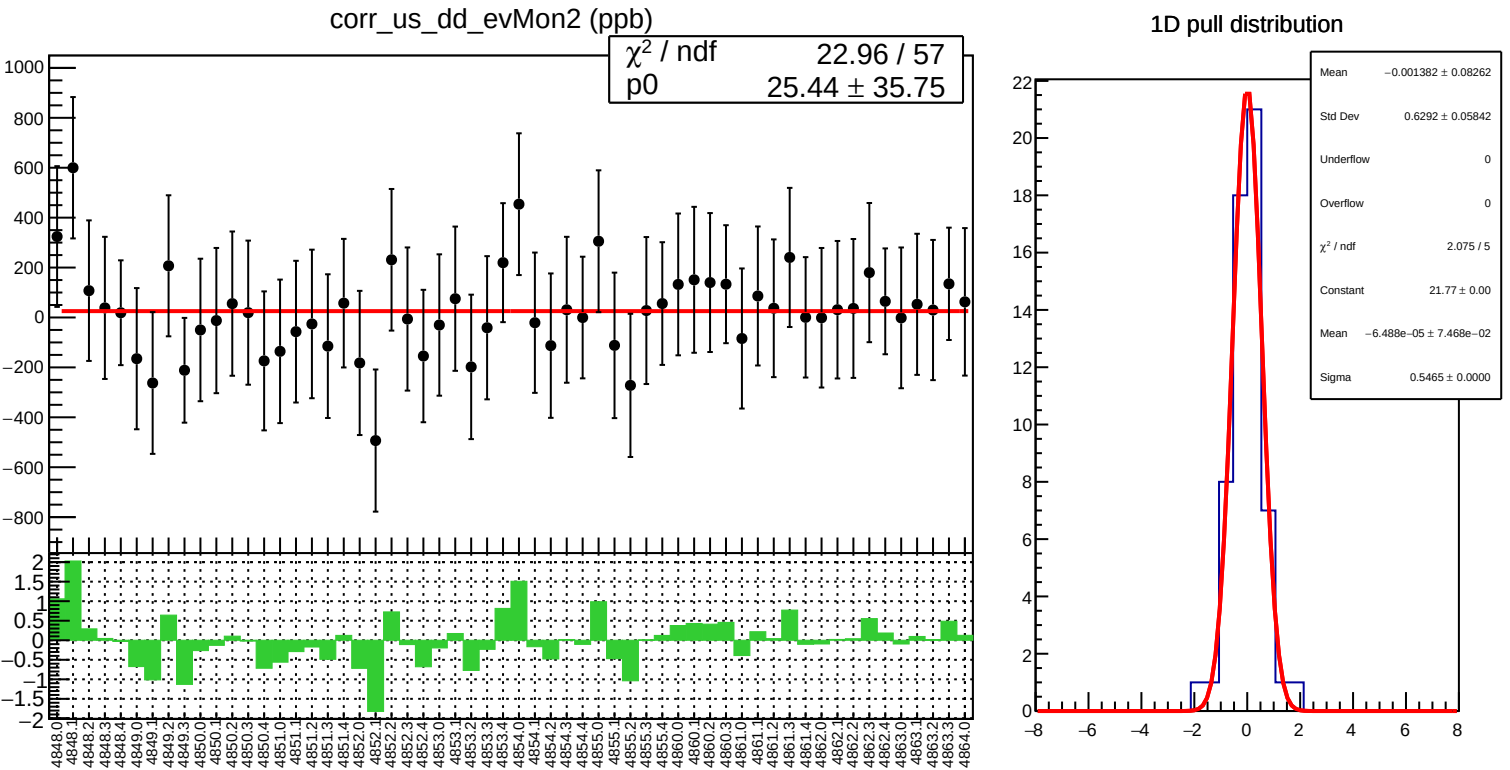

corr_us_avg_evMon11 RMS (ppm)
RMS (ppm)
1
2
3
4
5
6
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

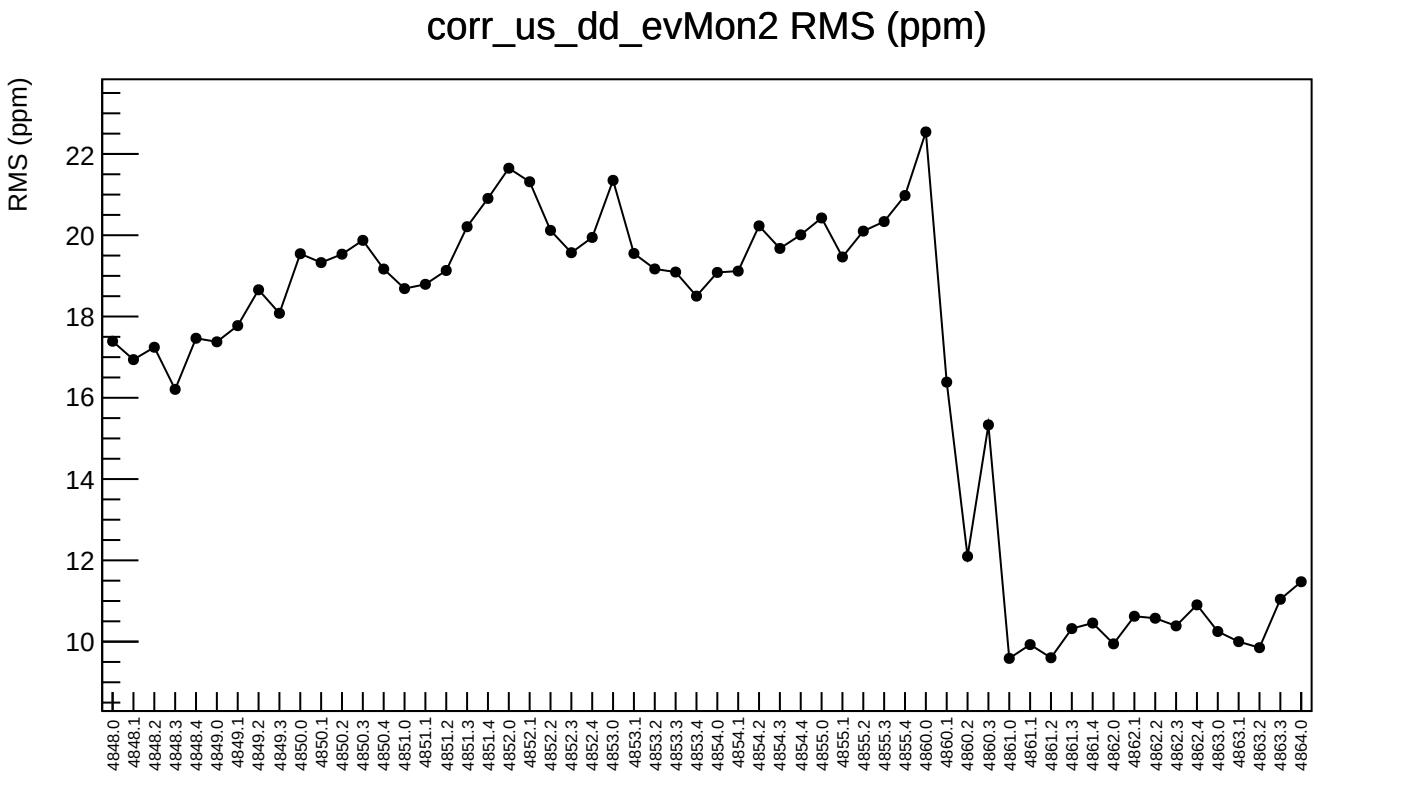

corr_us_dd_evMon0 (ppb)
χ² / ndf 38.63 / 57
p0 −616.4 ± 638.3
1D pull distribution
Mean −0.0001741 ± 0.1072
Std Dev 0.8161 ± 0.07578
Underflow 0
Overflow 0
χ² / ndf 4.077 / 5
Constant 14.06 ± 2.41
Mean 0.1102 ± 0.1179
Sigma 0.8234 ± 0.0915

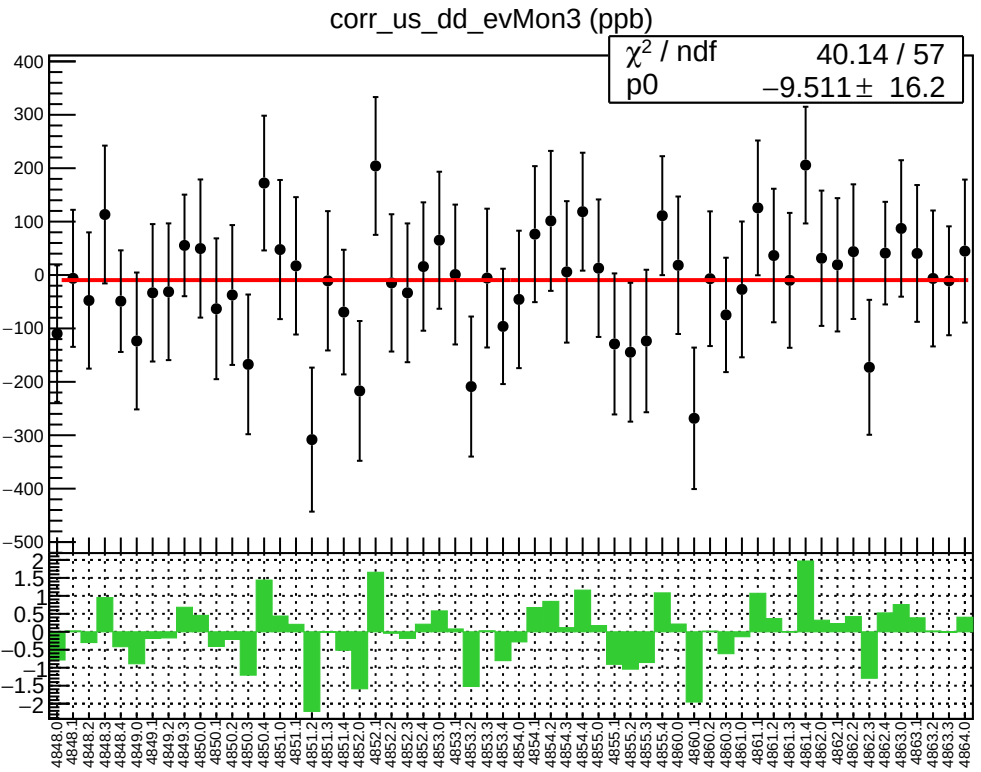

corr_us_dd_evMon0 RMS (ppm)
RMS (ppm)
450
440
430
420
410
400
390
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

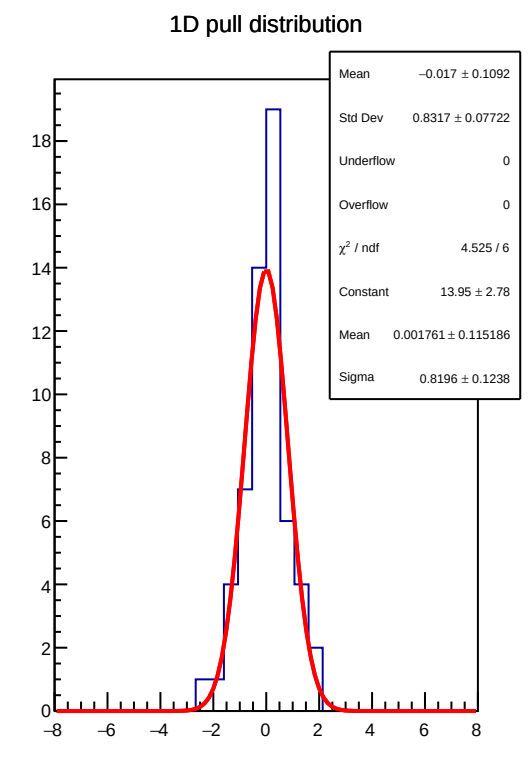

corr_us_dd_evMon1 (ppb)
χ² / ndf 7.169 / 57
p0 14.6 ± 64.86
1000
500
0
−500
−1000
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0
1D pull distribution
Mean 0.0004658 ± 0.04616
Std Dev 0.3516 ± 0.03264
Underflow 0
Overflow 0
χ² / ndf 0.5947 / 1
Constant 27.98 ± 4.81
Mean −0.01052 ± 0.06255
Sigma 0.441 ± 0.053
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

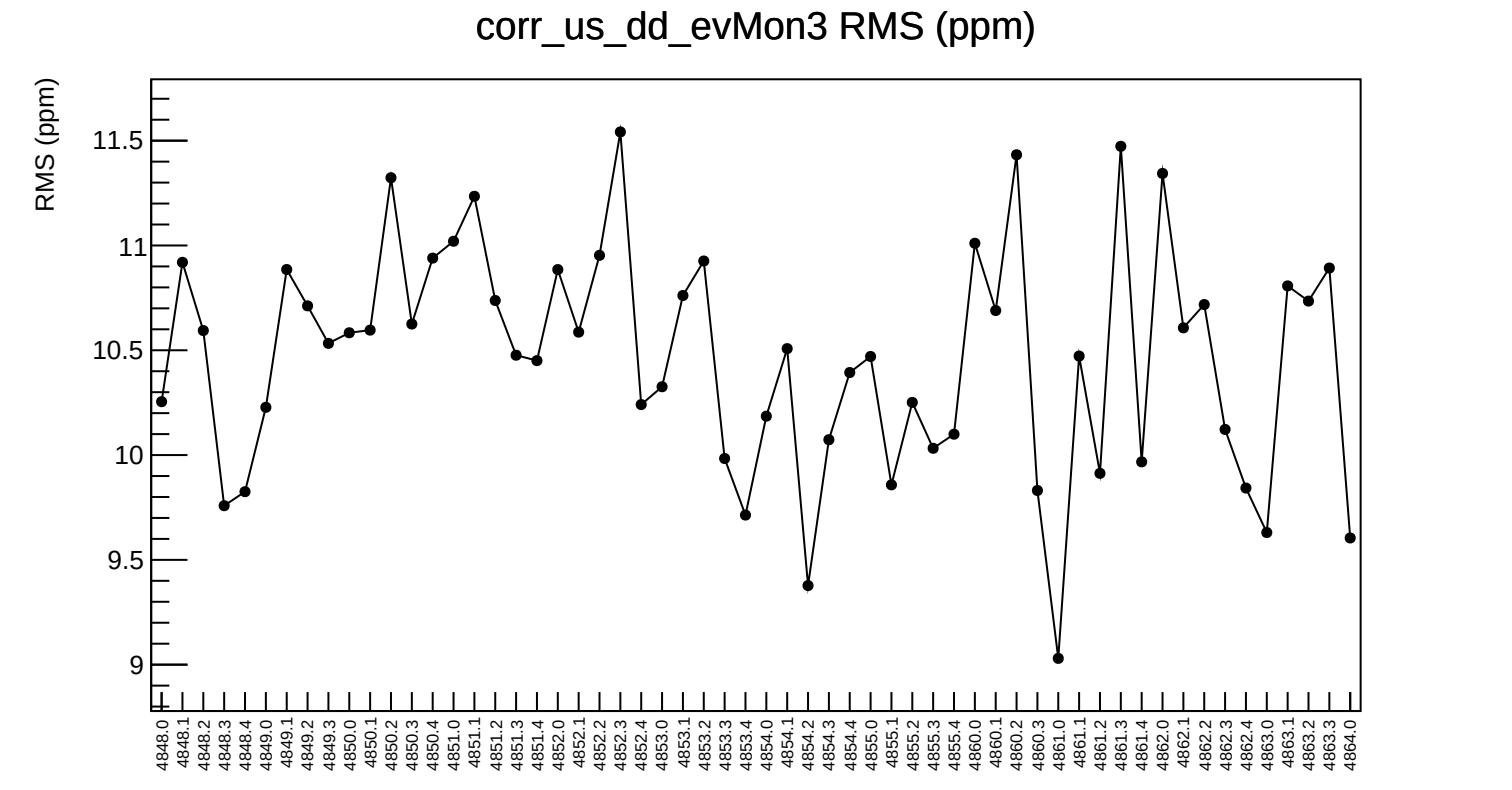

corr_us_dd_evMon1 RMS (ppm)
RMS (ppm)
23
22
21
20
19
18
17
16
15
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

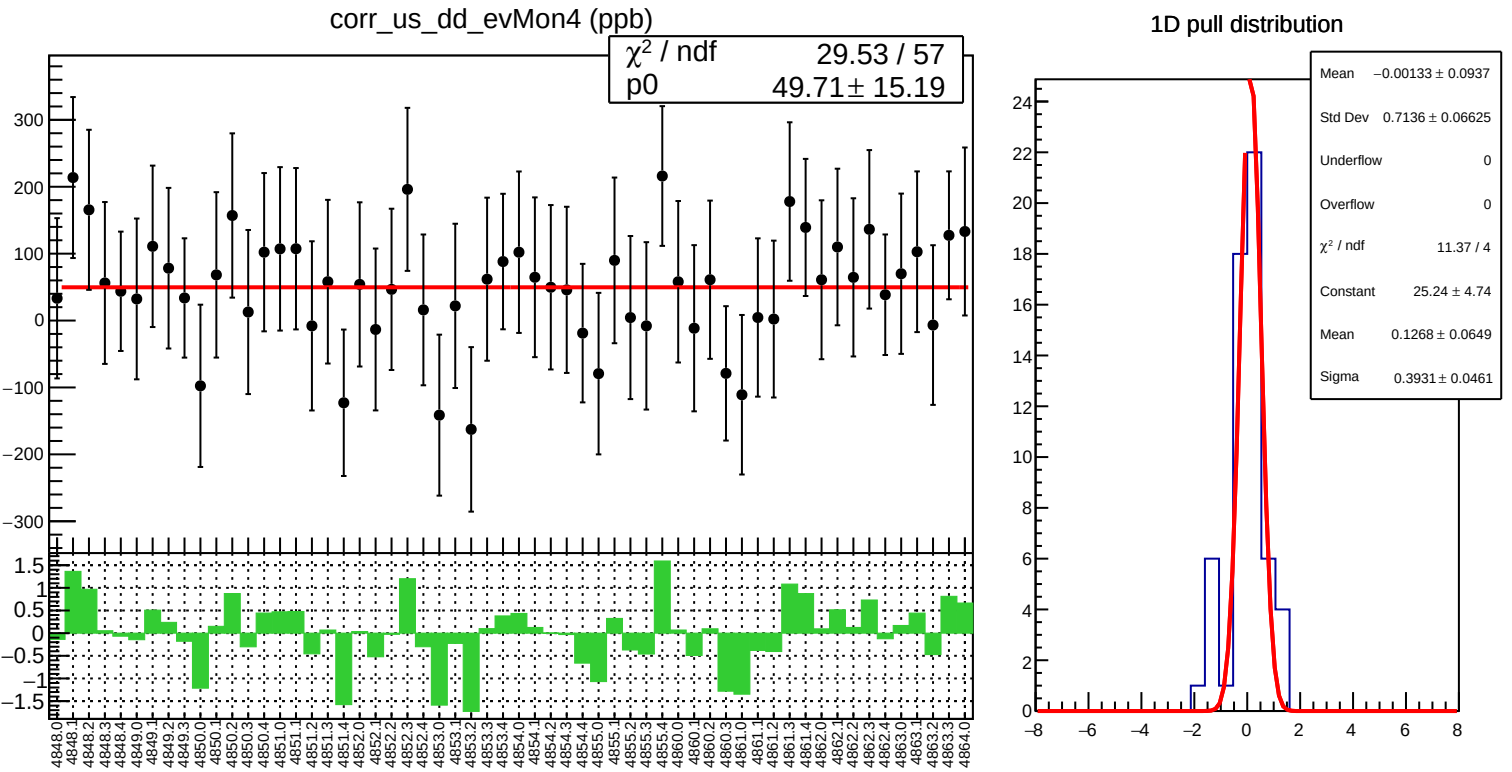

corr_us_dd_evMon2 (ppb)
χ² / ndf 22.96 / 57
p0 25.44 ± 35.75
1D pull distribution
Mean −0.001382 ± 0.08262
Std Dev 0.6292 ± 0.05842
Underflow 0
Overflow 0
χ² / ndf 2.075 / 5
Constant 21.77 ± 0.00
Mean −6.488e−05 ± 7.468e−02
Sigma 0.5465 ± 0.0000

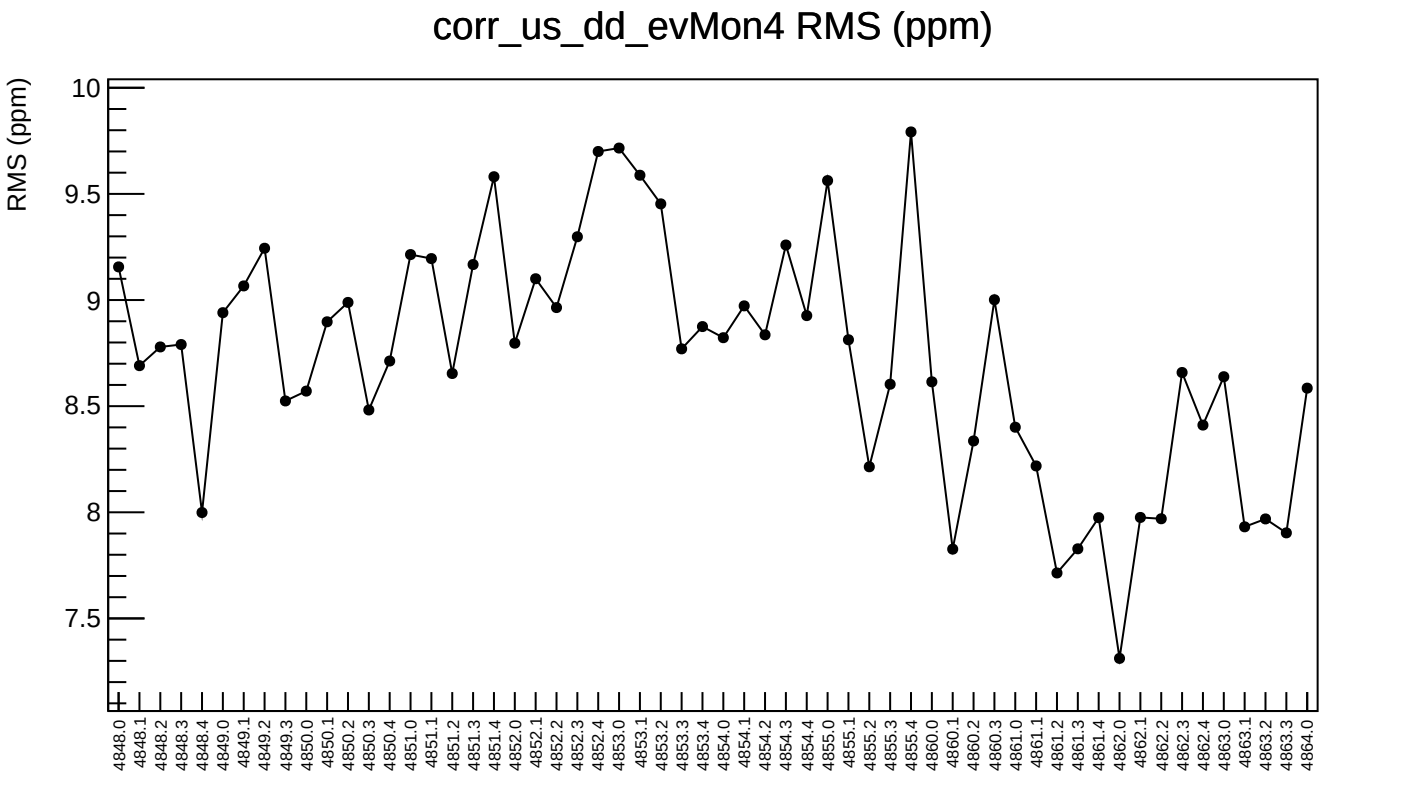

corr_us_dd_evMon2 RMS (ppm)
RMS (ppm)
22
20
18
16
14
12
10
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

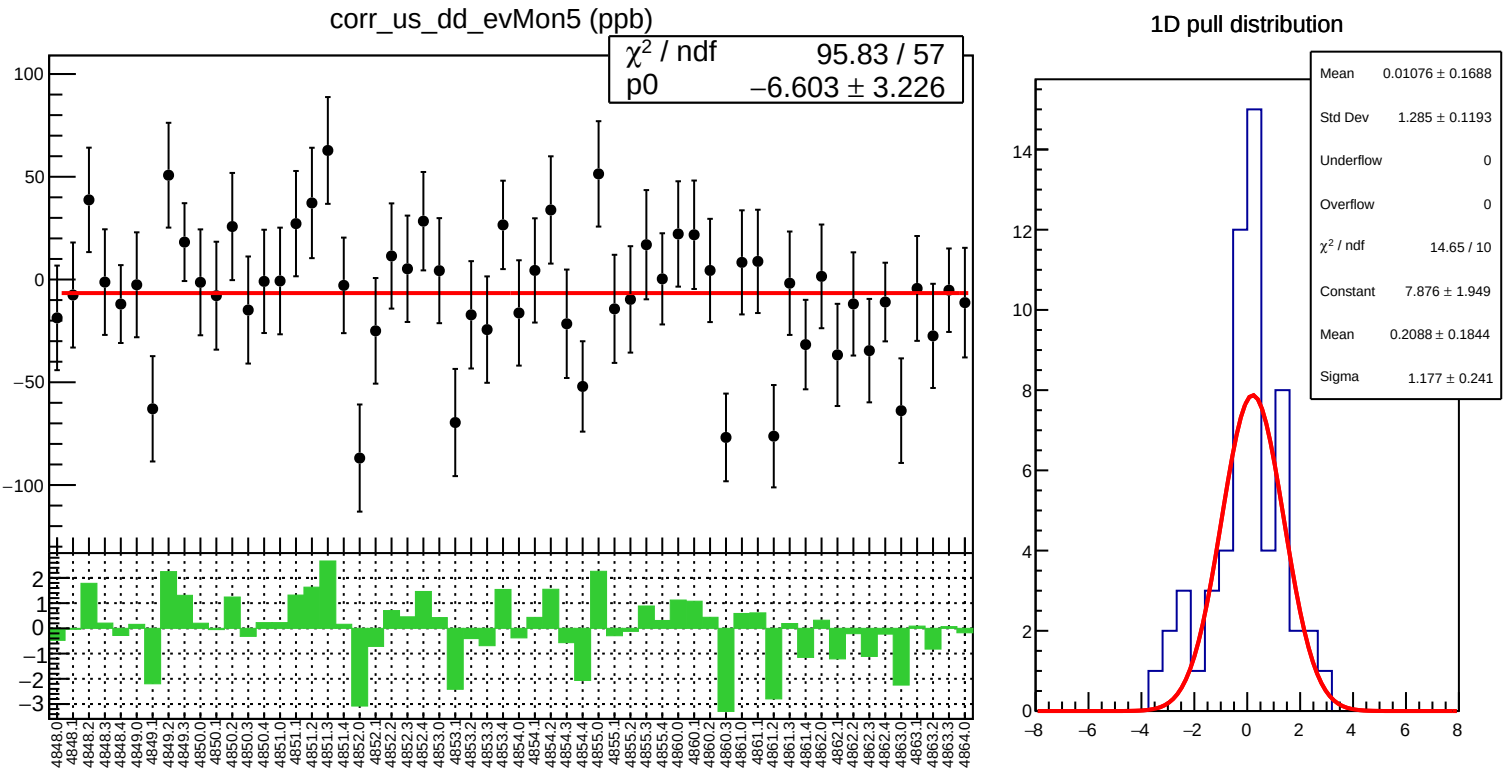

corr_us_dd_evMon3 (ppb)
χ² / ndf 40.14 / 57
p0 −9.511 ± 16.2

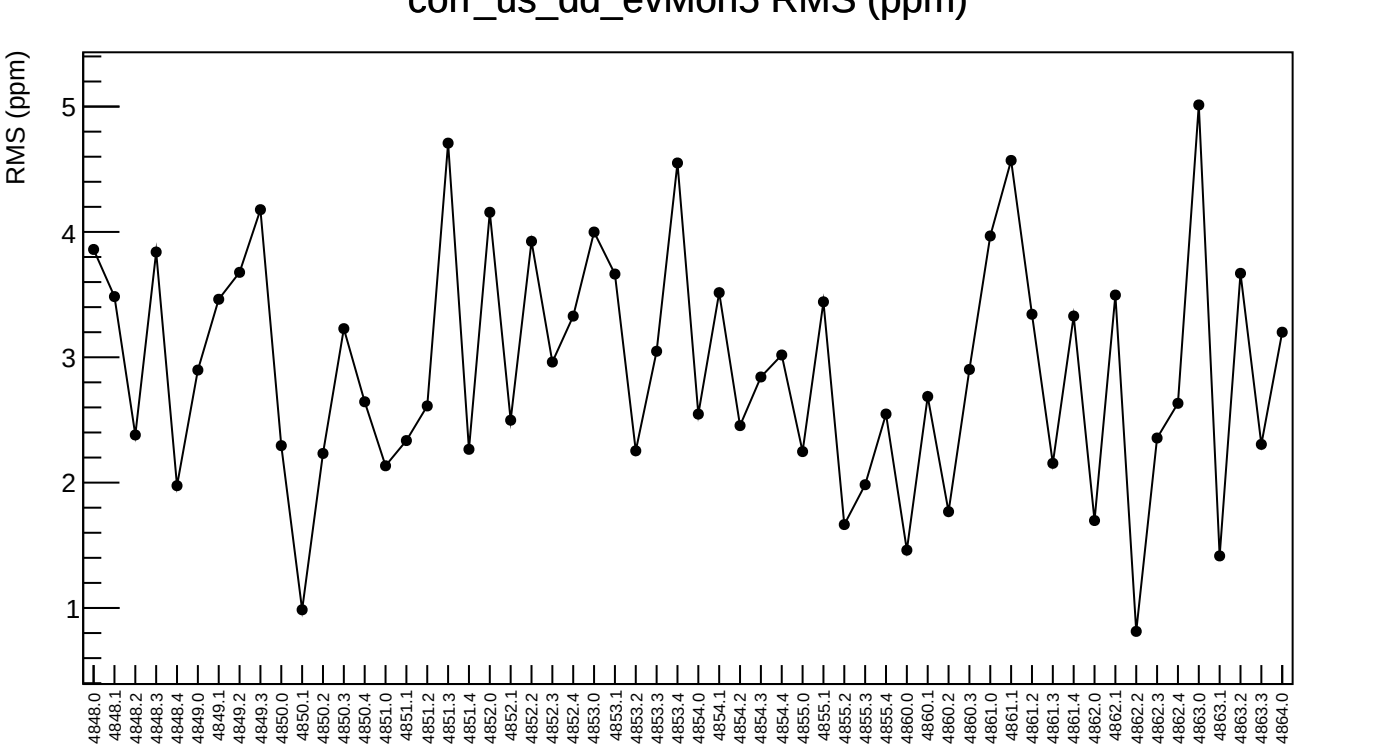

1D pull distribution
Mean −0.017 ± 0.1092
Std Dev 0.8317 ± 0.07722
Underflow 0
Overflow 0
χ² / ndf 4.525 / 6
Constant 13.95 ± 2.78
Mean 0.001761 ± 0.115186
Sigma 0.8196 ± 0.1238

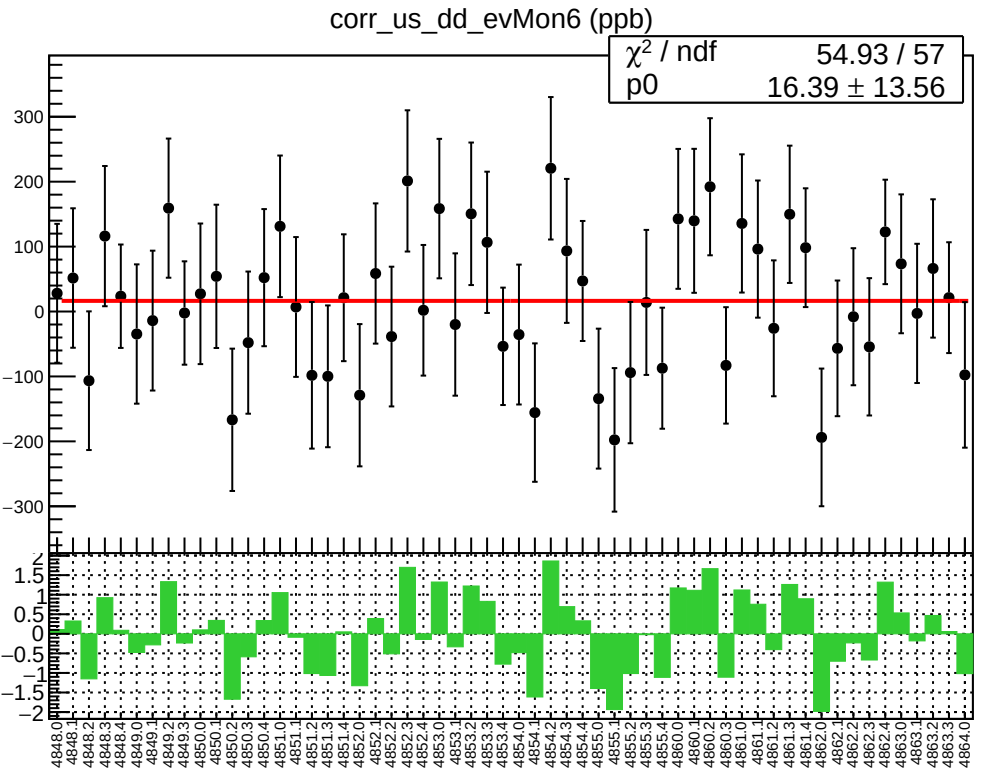

corr_us_dd_evMon3 RMS (ppm)
RMS (ppm)
11.5
11
10.5
10
9.5
9
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

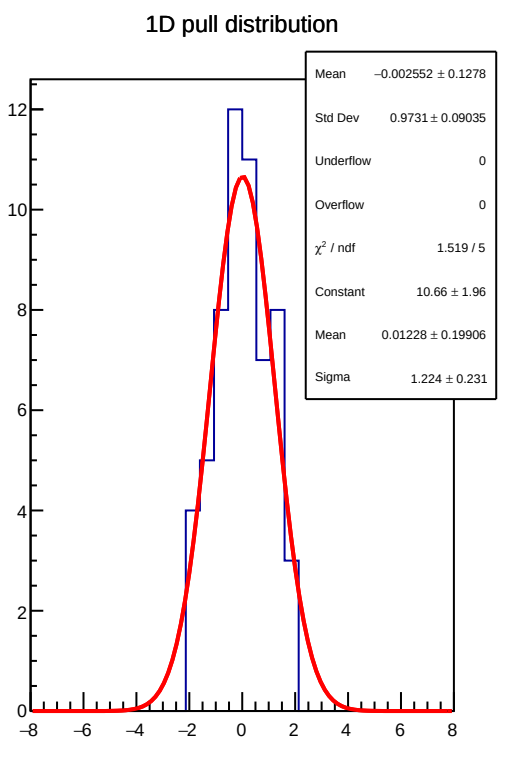

corr_us_dd_evMon4 (ppb)
χ² / ndf 29.53 / 57
p0 49.71 ± 15.19
1D pull distribution
Mean −0.00133 ± 0.0937
Std Dev 0.7136 ± 0.06625
Underflow 0
Overflow 0
χ² / ndf 11.37 / 4
Constant 25.24 ± 4.74
Mean 0.1268 ± 0.0649
Sigma 0.3931 ± 0.0461

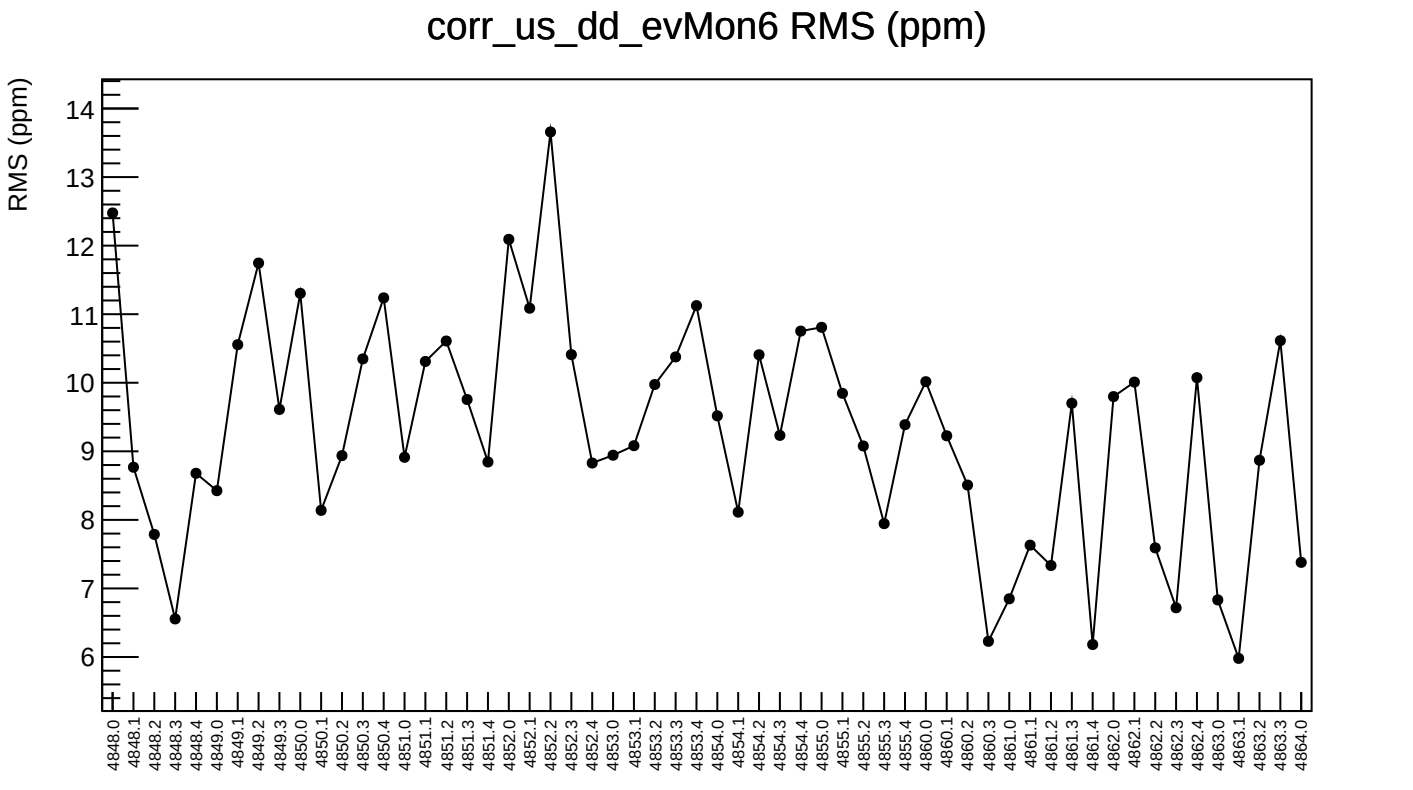

corr_us_dd_evMon4 RMS (ppm)
RMS (ppm)
10
9.5
9
8.5
8
7.5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

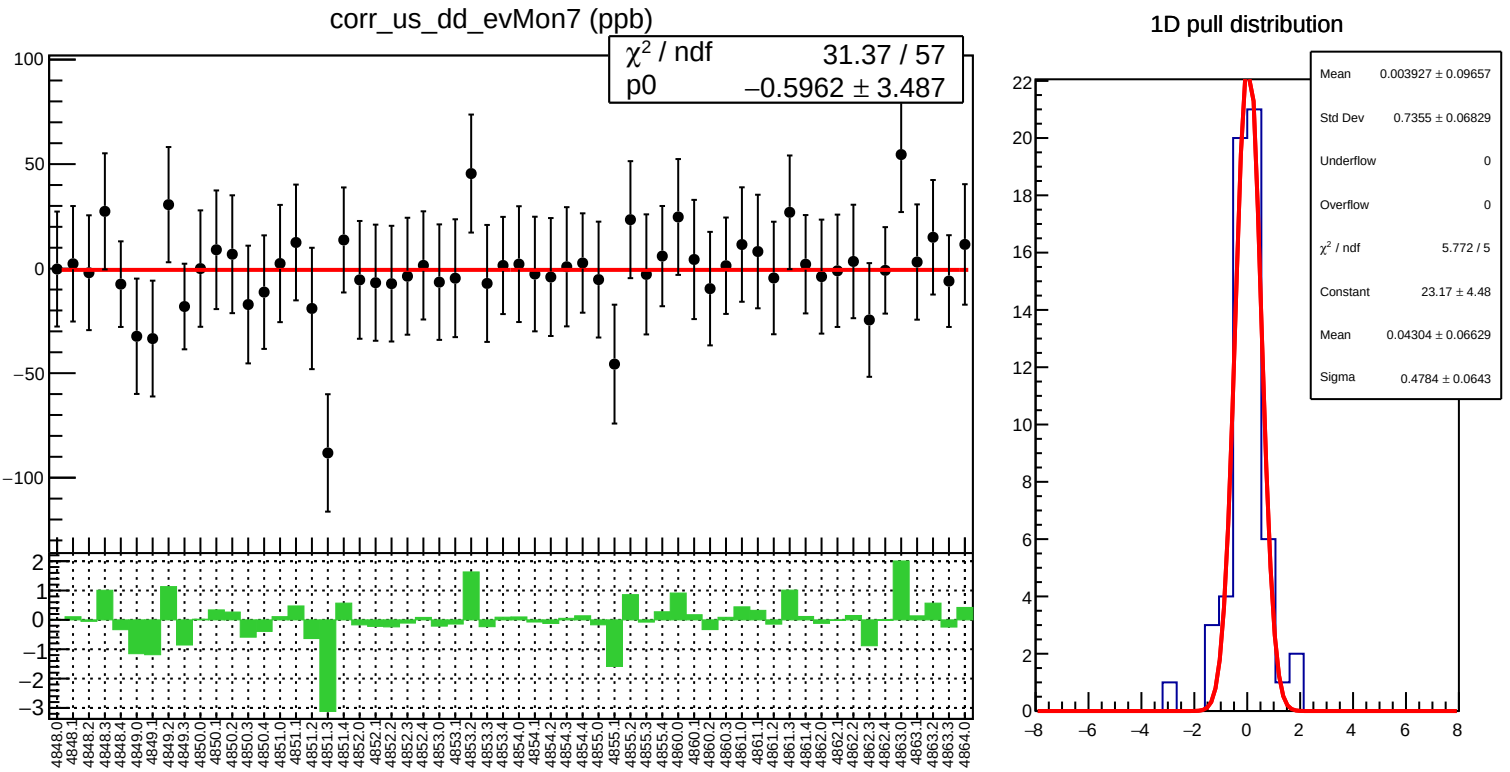

corr_us_dd_evMon5 (ppb)
χ² / ndf 95.83 / 57
p0 −6.603 ± 3.226
1D pull distribution
Mean 0.01076 ± 0.1688
Std Dev 1.285 ± 0.1193
Underflow 0
Overflow 0
χ² / ndf 14.65 / 10
Constant 7.876 ± 1.949
Mean 0.2088 ± 0.1844
Sigma 1.177 ± 0.241

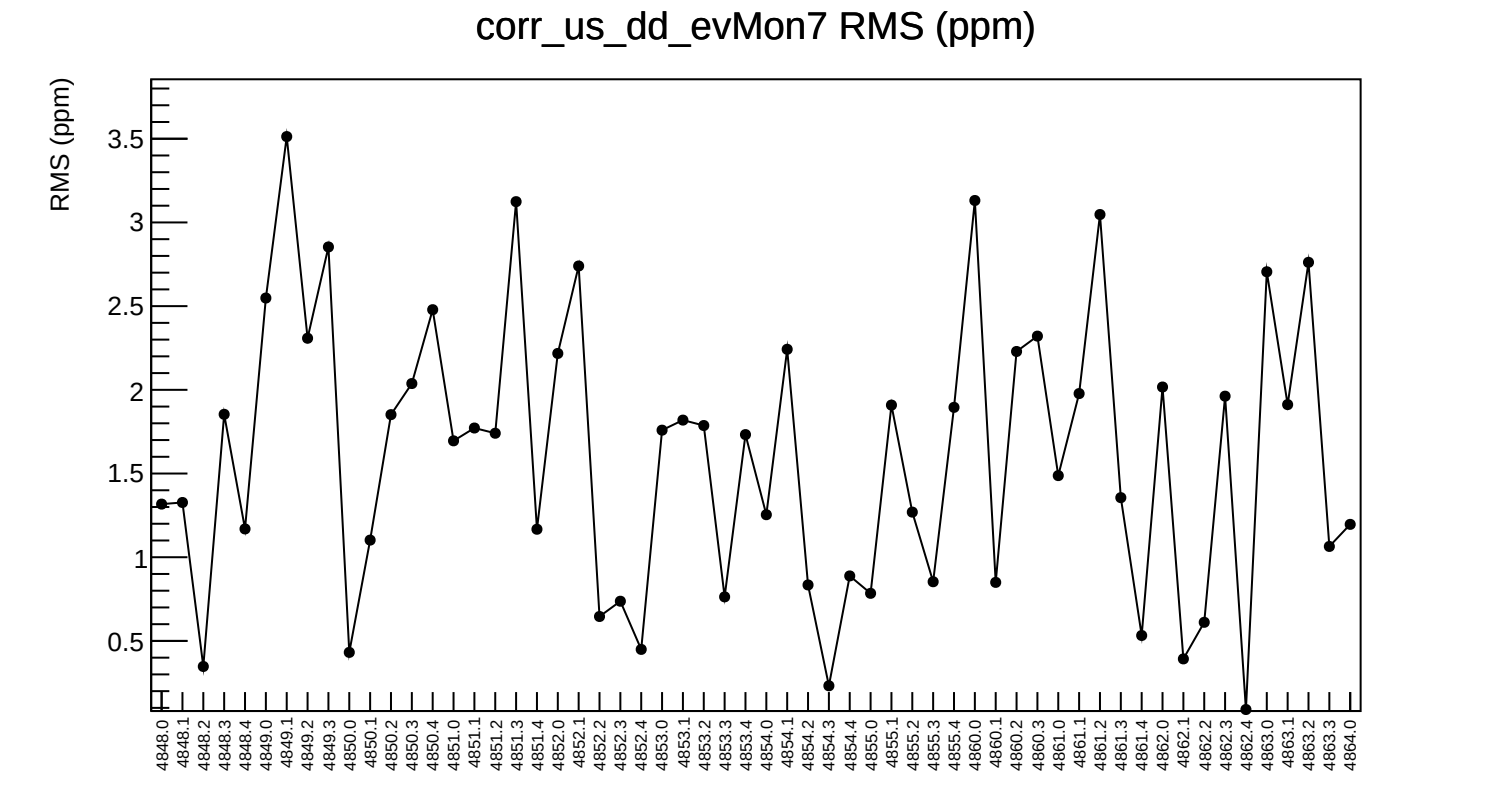

corr_us_dd_evMon5 RMS (ppm)
RMS (ppm)
5
4
3
2
1
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

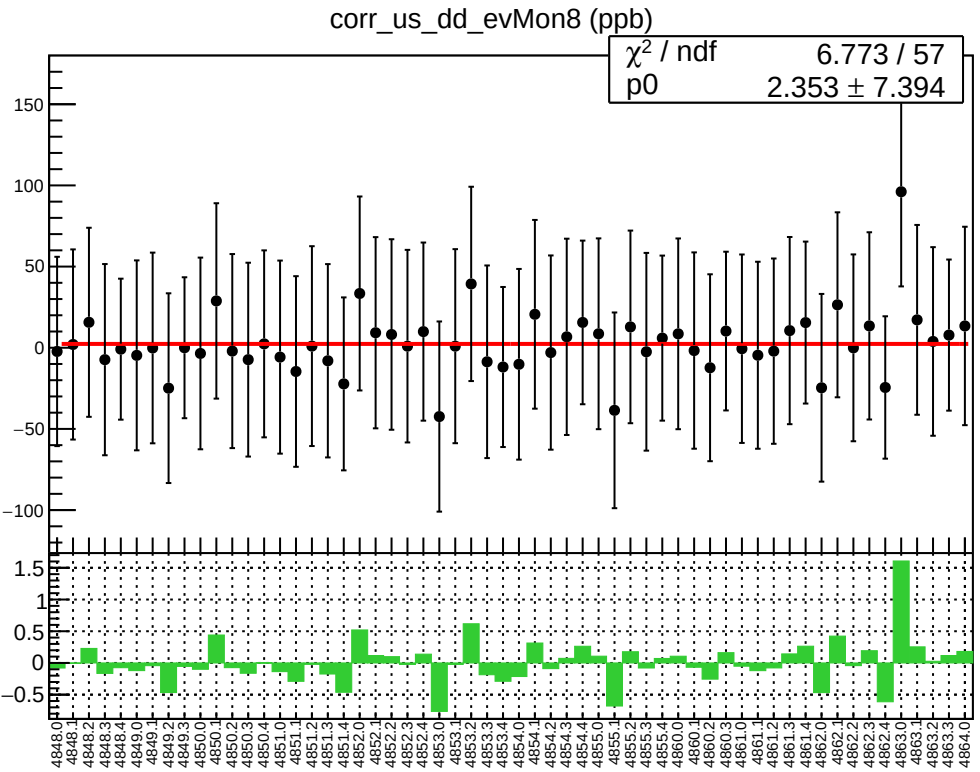

corr_us_dd_evMon6 (ppb)
χ² / ndf 54.93 / 57
p0 16.39 ± 13.56
300
200
100
0
−100
−200
−300
1.5
1
0.5
0
−0.5
−1
−1.5
−2
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

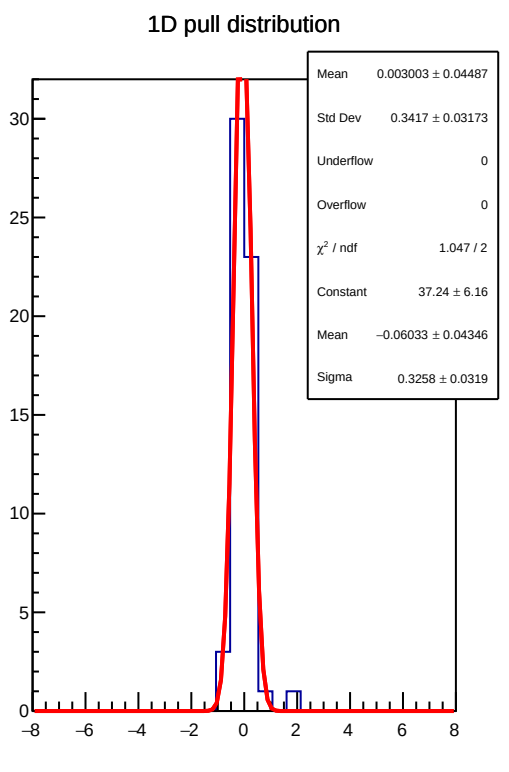

1D pull distribution
Mean −0.002552 ± 0.1278
Std Dev 0.9731 ± 0.09035
Underflow 0
Overflow 0
χ² / ndf 1.519 / 5
Constant 10.66 ± 1.96
Mean 0.01228 ± 0.19906
Sigma 1.224 ± 0.231
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

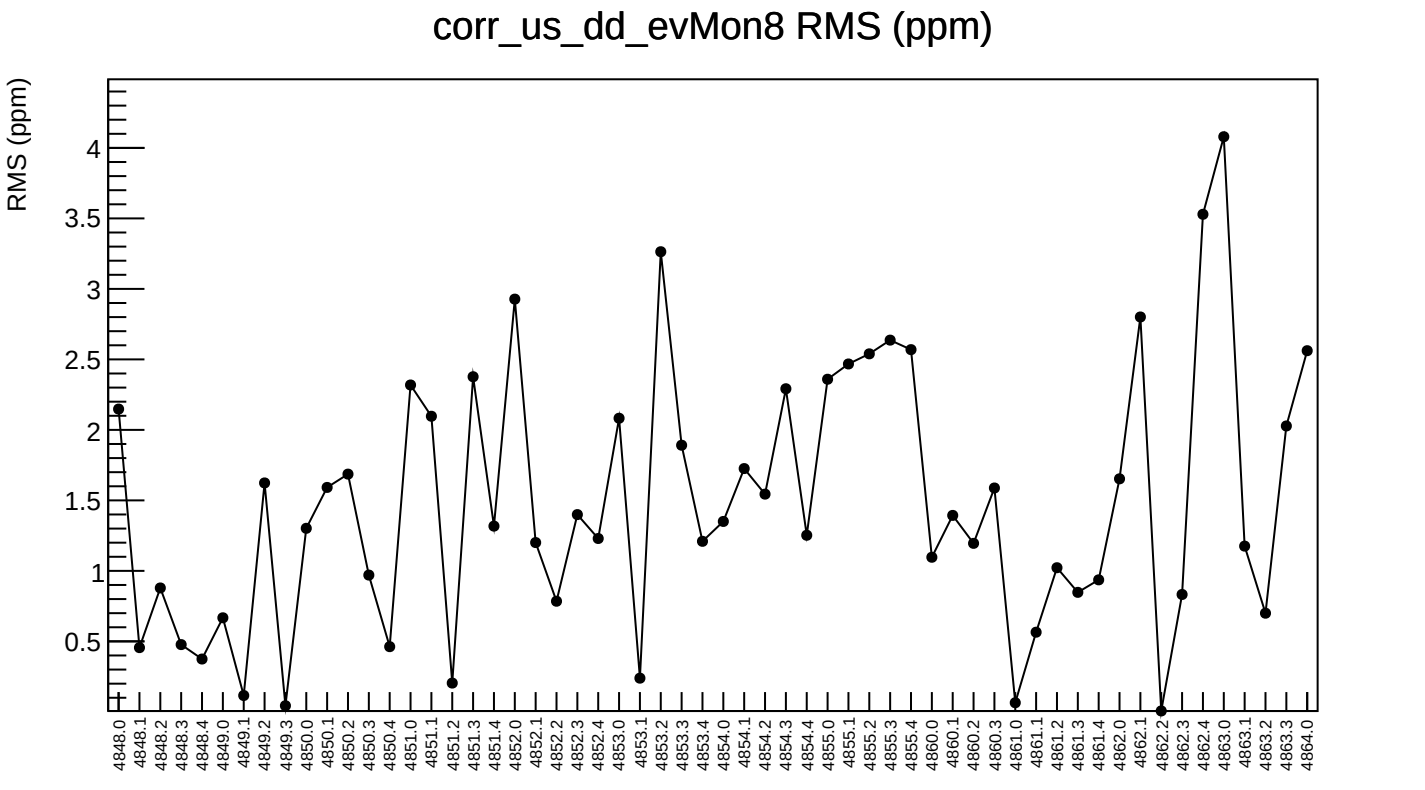

corr_us_dd_evMon6 RMS (ppm)
RMS (ppm)
14
13
12
11
10
9
8
7
6
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

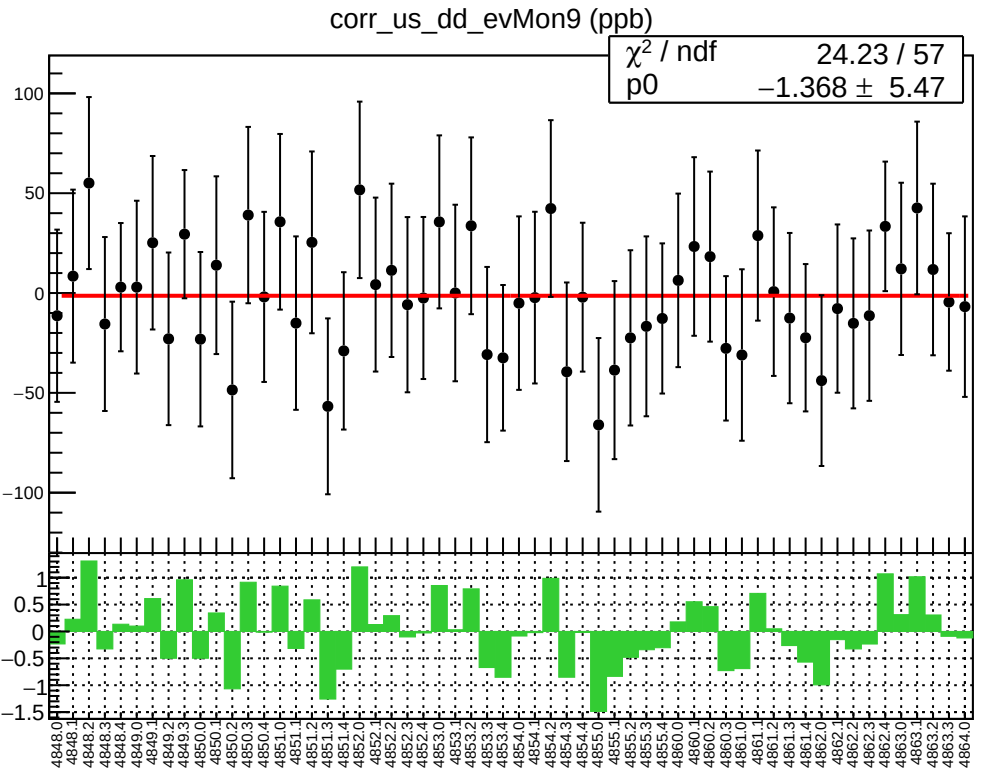

corr_us_dd_evMon7 (ppb)
χ² / ndf 31.37 / 57
p0 −0.5962 ± 3.487
1D pull distribution
Mean 0.003927 ± 0.09657
Std Dev 0.7355 ± 0.06829
Underflow 0
Overflow 0
χ² / ndf 5.772 / 5
Constant 23.17 ± 4.48
Mean 0.04304 ± 0.06629
Sigma 0.4784 ± 0.0643

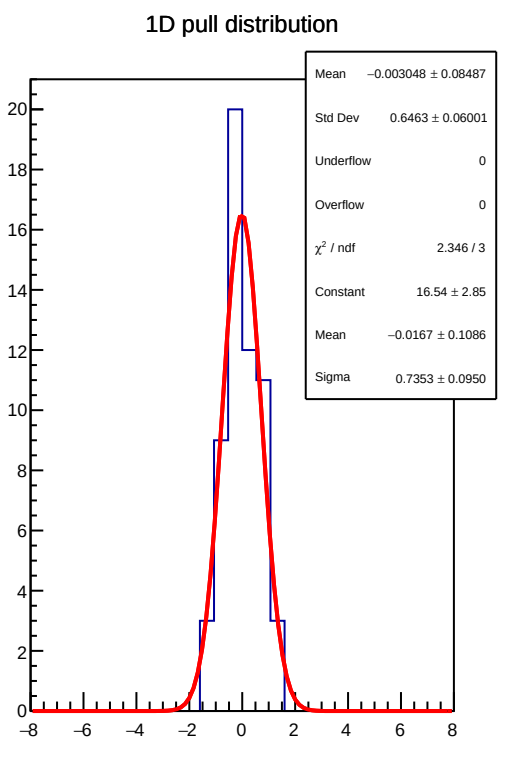

corr_us_dd_evMon7 RMS (ppm)
RMS (ppm)
3.5
3
2.5
2
1.5
1
0.5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

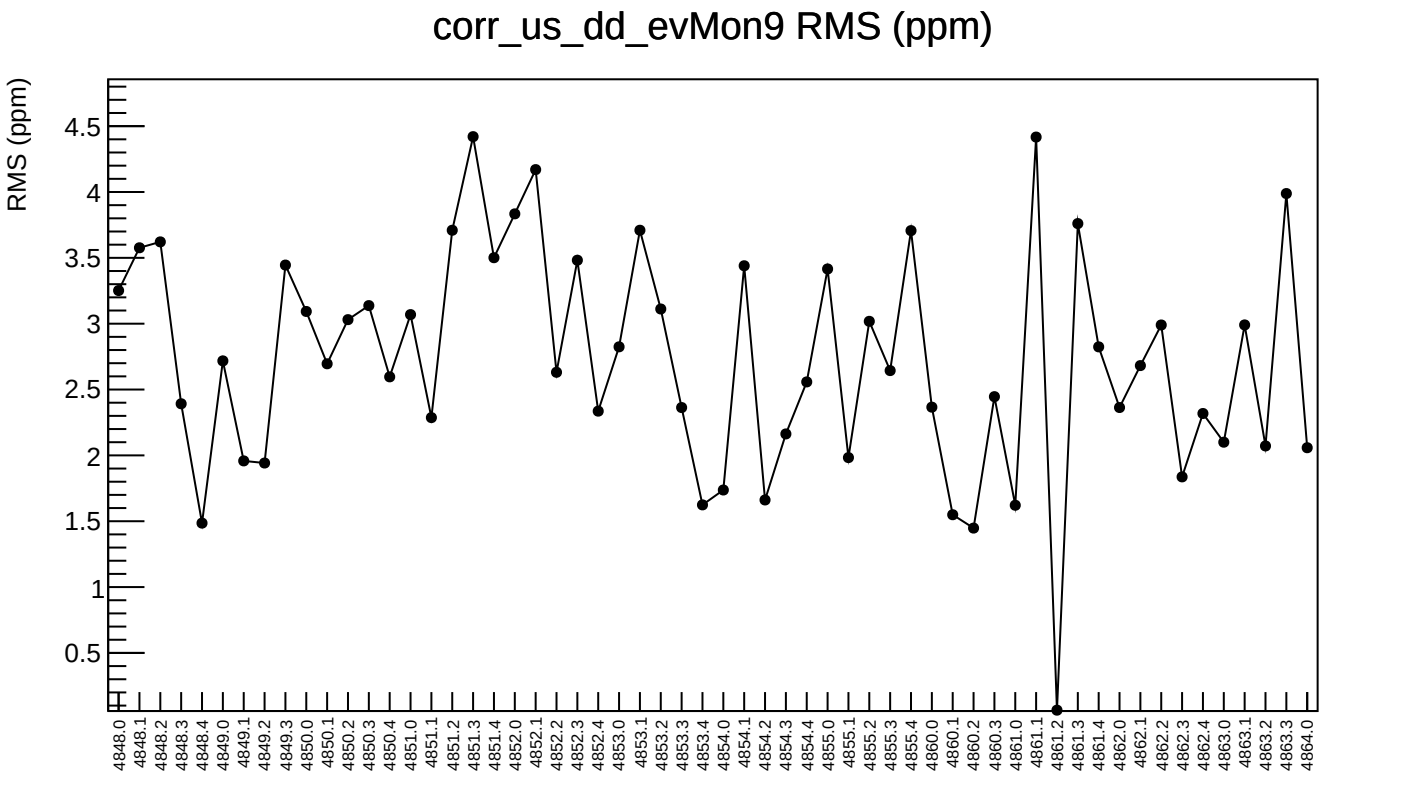

corr_us_dd_evMon8 (ppb)
χ² / ndf 6.773 / 57
p0 2.353 ± 7.394
150
100
50
0
−50
−100
1.5
1
0.5
0
−0.5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

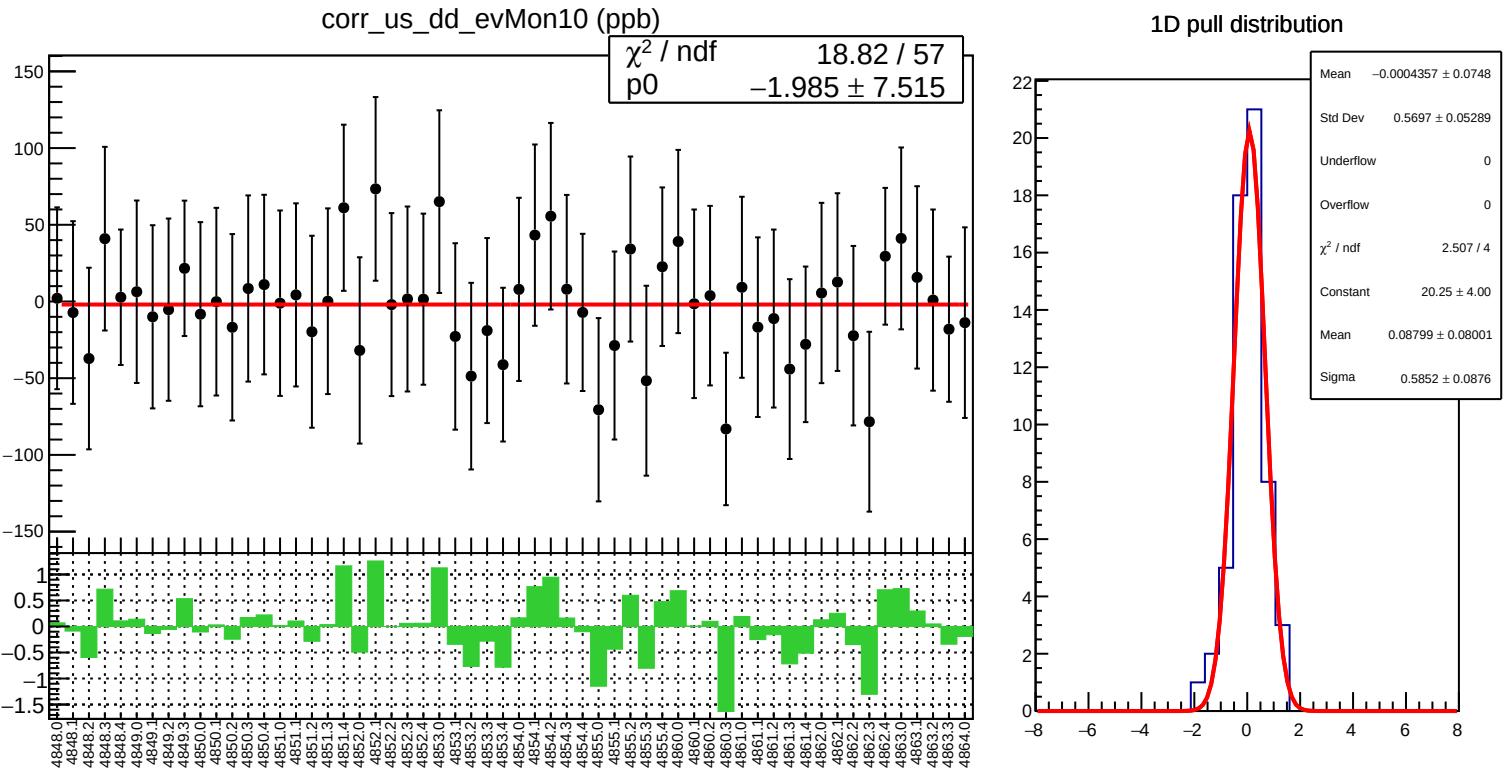

1D pull distribution
Mean 0.003003 ± 0.04487
Std Dev 0.3417 ± 0.03173
Underflow 0
Overflow 0
χ² / ndf 1.047 / 2
Constant 37.24 ± 6.16
Mean −0.06033 ± 0.04346
Sigma 0.3258 ± 0.0319
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

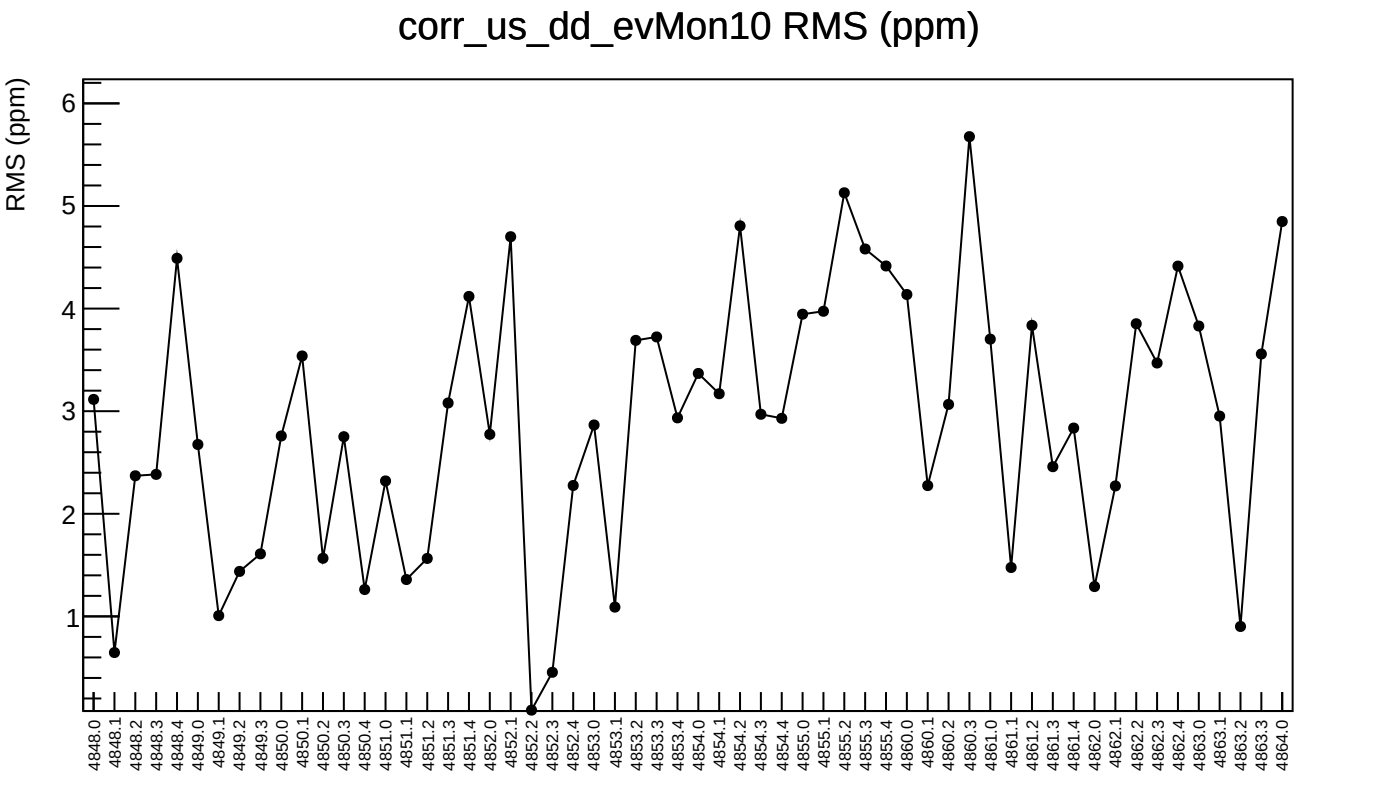

corr_us_dd_evMon8 RMS (ppm)
RMS (ppm)
0.5
1
1.5
2
2.5
3
3.5
4
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

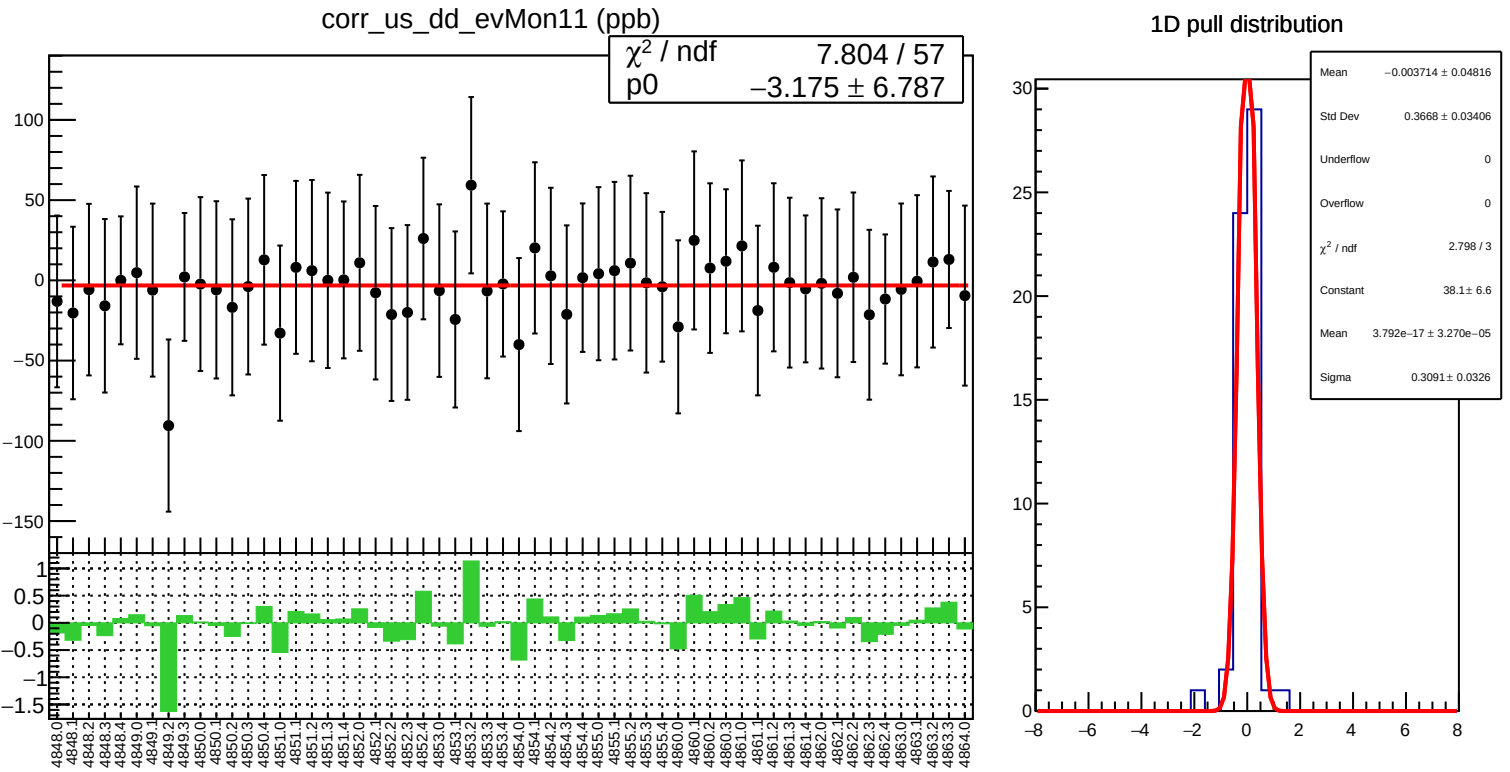

corr_us_dd_evMon9 (ppb)
χ² / ndf 24.23 / 57
p0 −1.368 ± 5.47
100
50
0
−50
−100
1
0.5
0
−0.5
−1
−1.5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

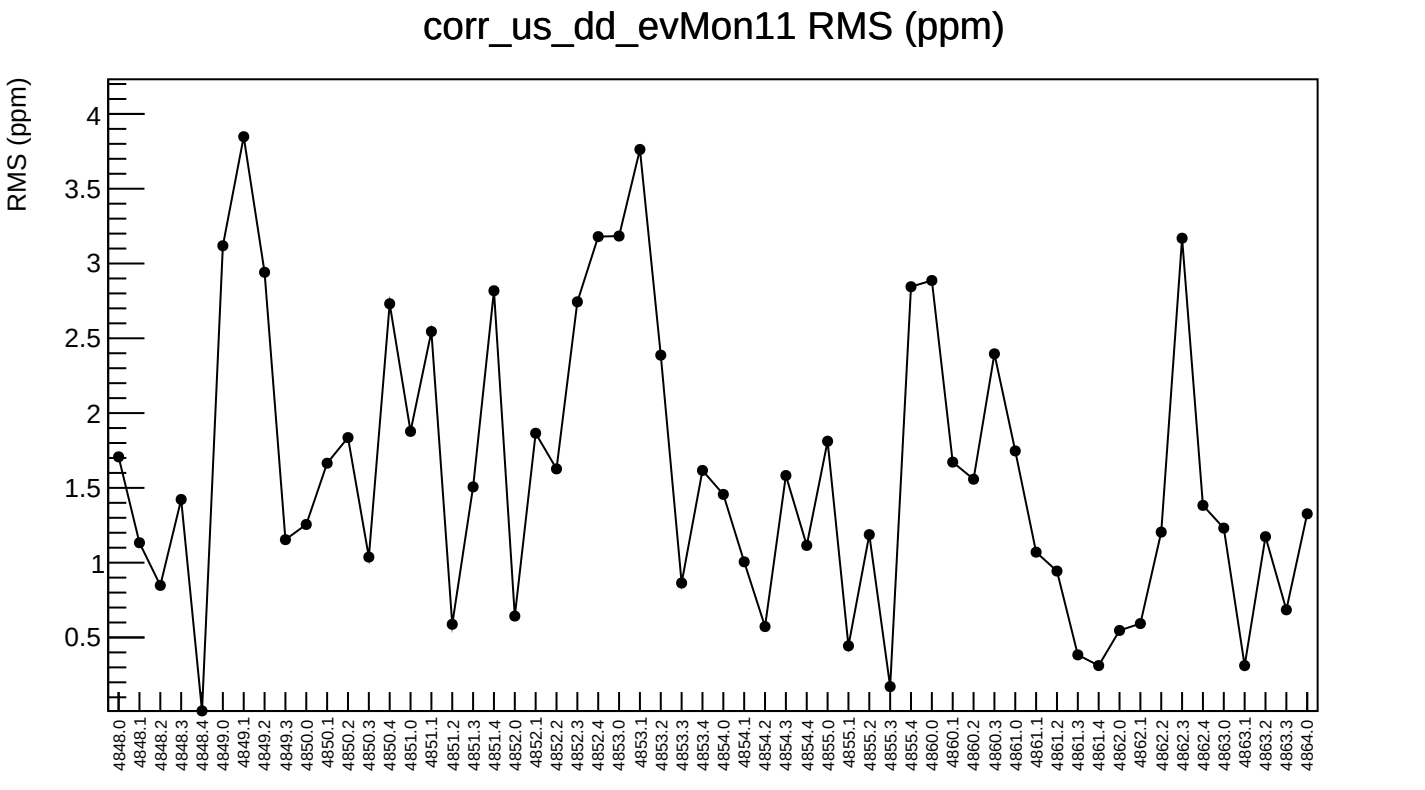

1D pull distribution
Mean −0.003048 ± 0.08487
Std Dev 0.6463 ± 0.06001
Underflow 0
Overflow 0
χ² / ndf 2.346 / 3
Constant 16.54 ± 2.85
Mean −0.0167 ± 0.1086
Sigma 0.7353 ± 0.0950
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

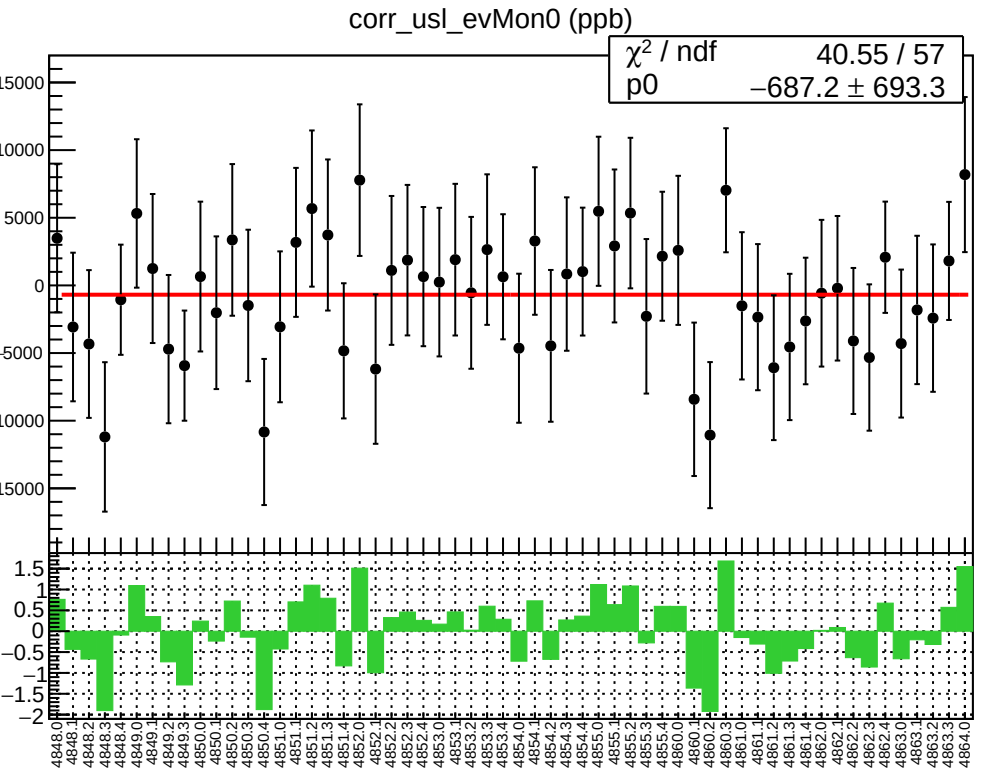

corr_us_dd_evMon9 RMS (ppm)
RMS (ppm)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

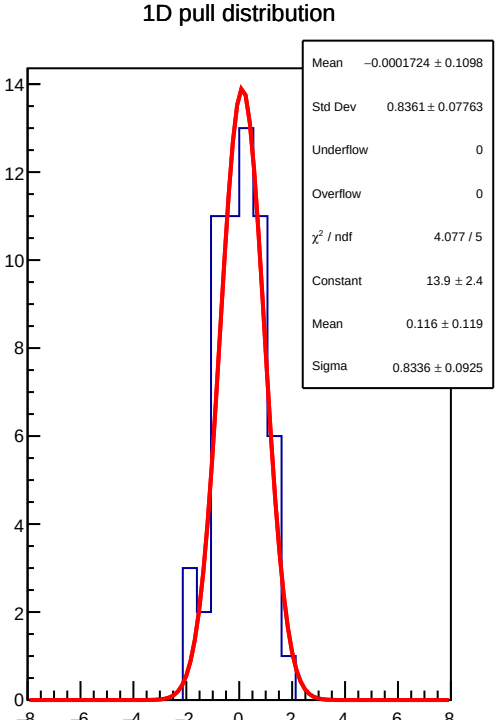

corr_us_dd_evMon10 (ppb)
χ² / ndf 18.82 / 57
p0 −1.985 ± 7.515
1D pull distribution
Mean −0.0004357 ± 0.0748
Std Dev 0.5697 ± 0.05289
Underflow 0
Overflow 0
χ² / ndf 2.507 / 4
Constant 20.25 ± 4.00
Mean 0.08799 ± 0.08001
Sigma 0.5852 ± 0.0876

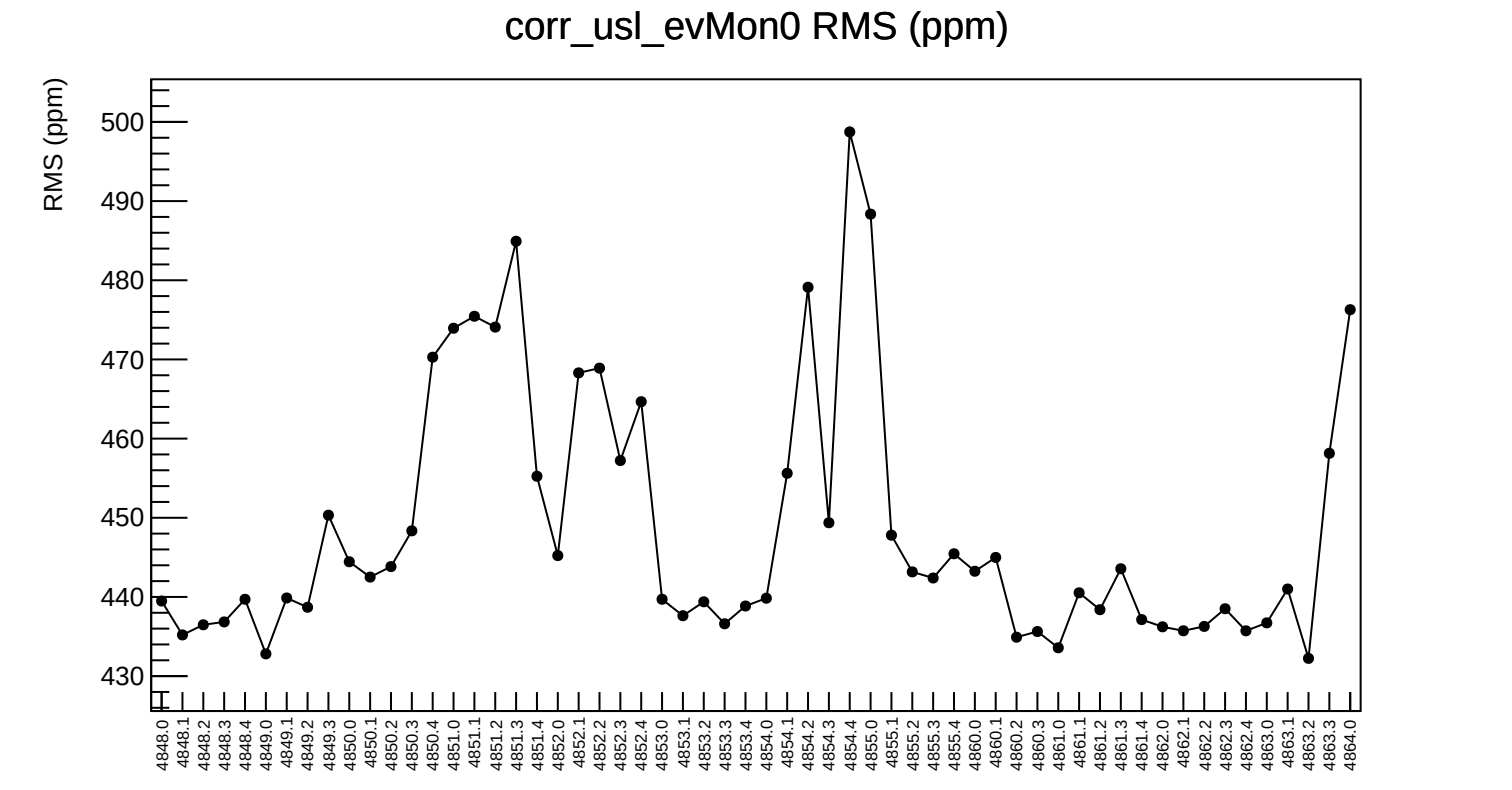

corr_us_dd_evMon10 RMS (ppm)
RMS (ppm)
6
5
4
3
2
1
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

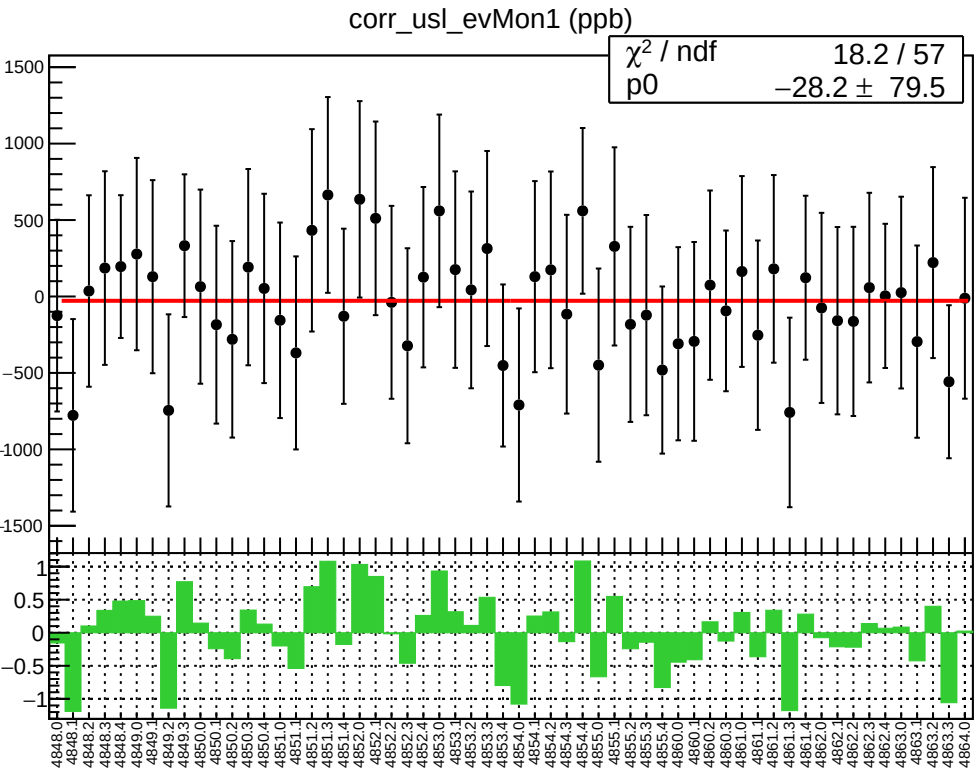

corr_us_dd_evMon11 (ppb)
χ² / ndf 7.804 / 57
p0 −3.175 ± 6.787
1D pull distribution
Mean −0.003714 ± 0.04816
Std Dev 0.3668 ± 0.03406
Underflow 0
Overflow 0
χ² / ndf 2.798 / 3
Constant 38.1± 6.6
Mean 3.792e−17 ± 3.270e−05
Sigma 0.3091± 0.0326

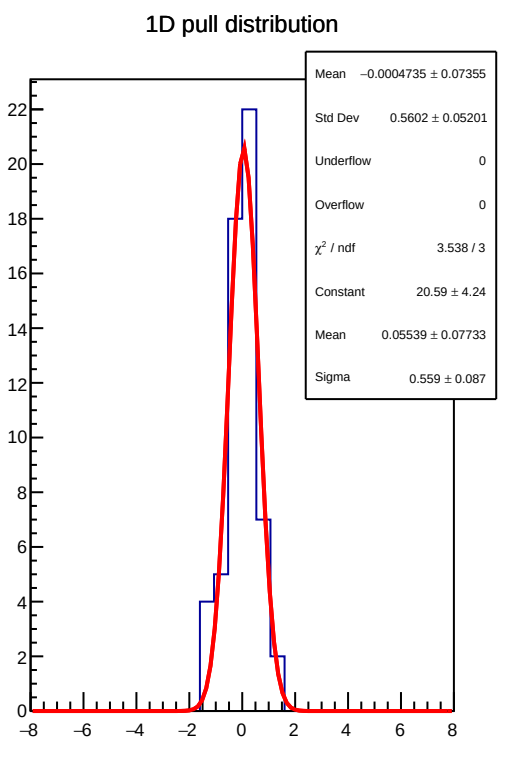

corr_us_dd_evMon11 RMS (ppm)
RMS (ppm)
4
3.5
3
2.5
2
1.5
1
0.5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

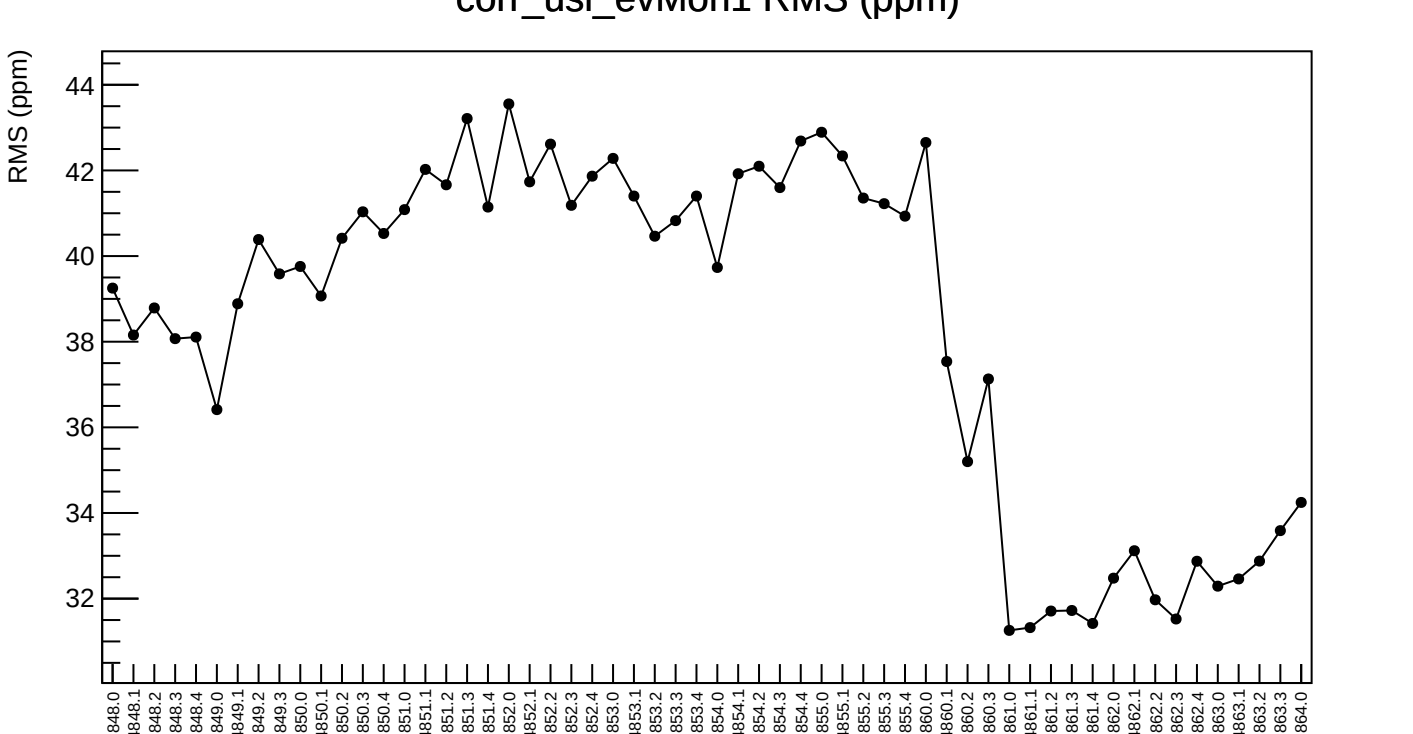

corr_usl_evMon0 (ppb)
χ² / ndf 40.55 / 57
p0 −687.2 ± 693.3
15000
10000
5000
0
−5000
−10000
−15000
1.5
1
0.5
0
−0.5
−1
−1.5
−2
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

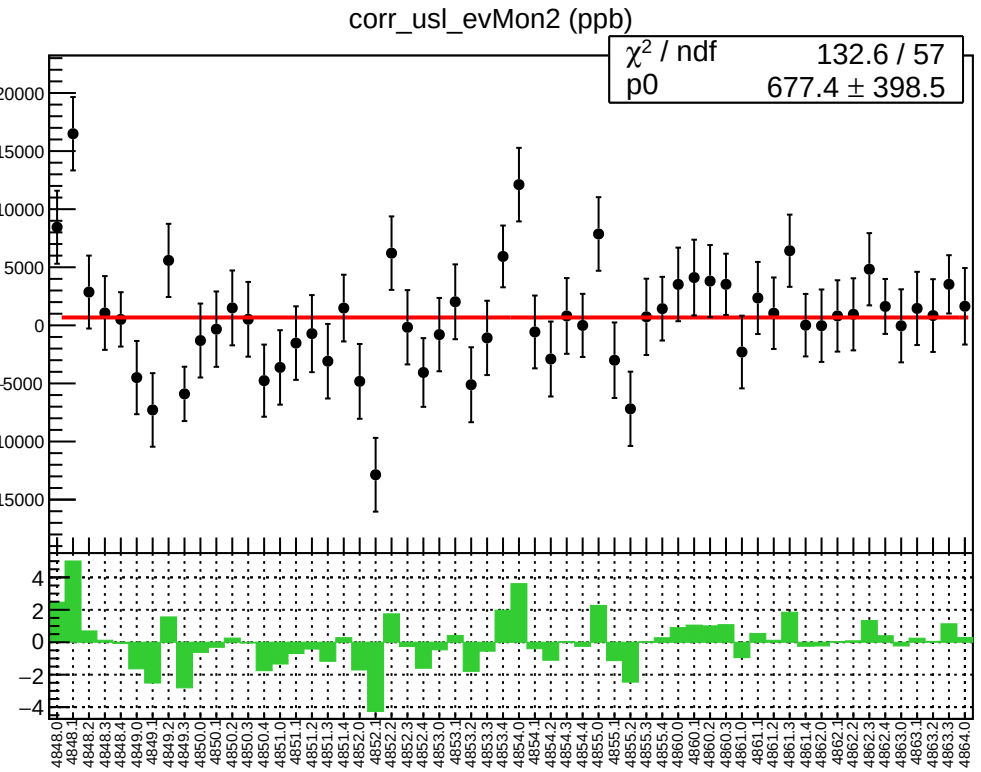

1D pull distribution
Mean −0.0001724 ± 0.1098
Std Dev 0.8361 ± 0.07763
Underflow 0
Overflow 0
χ² / ndf 4.077 / 5
Constant 13.9 ± 2.4
Mean 0.116 ± 0.119
Sigma 0.8336 ± 0.0925
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

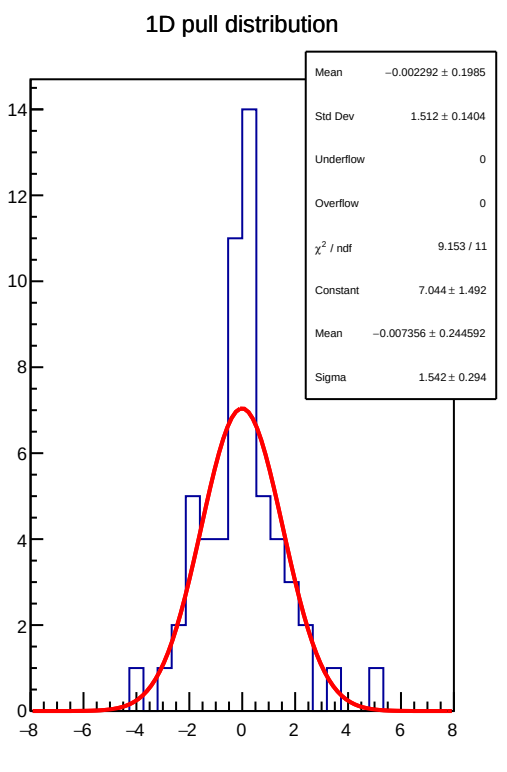

corr_usl_evMon0 RMS (ppm)
RMS (ppm)
500
490
480
470
460
450
440
430
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

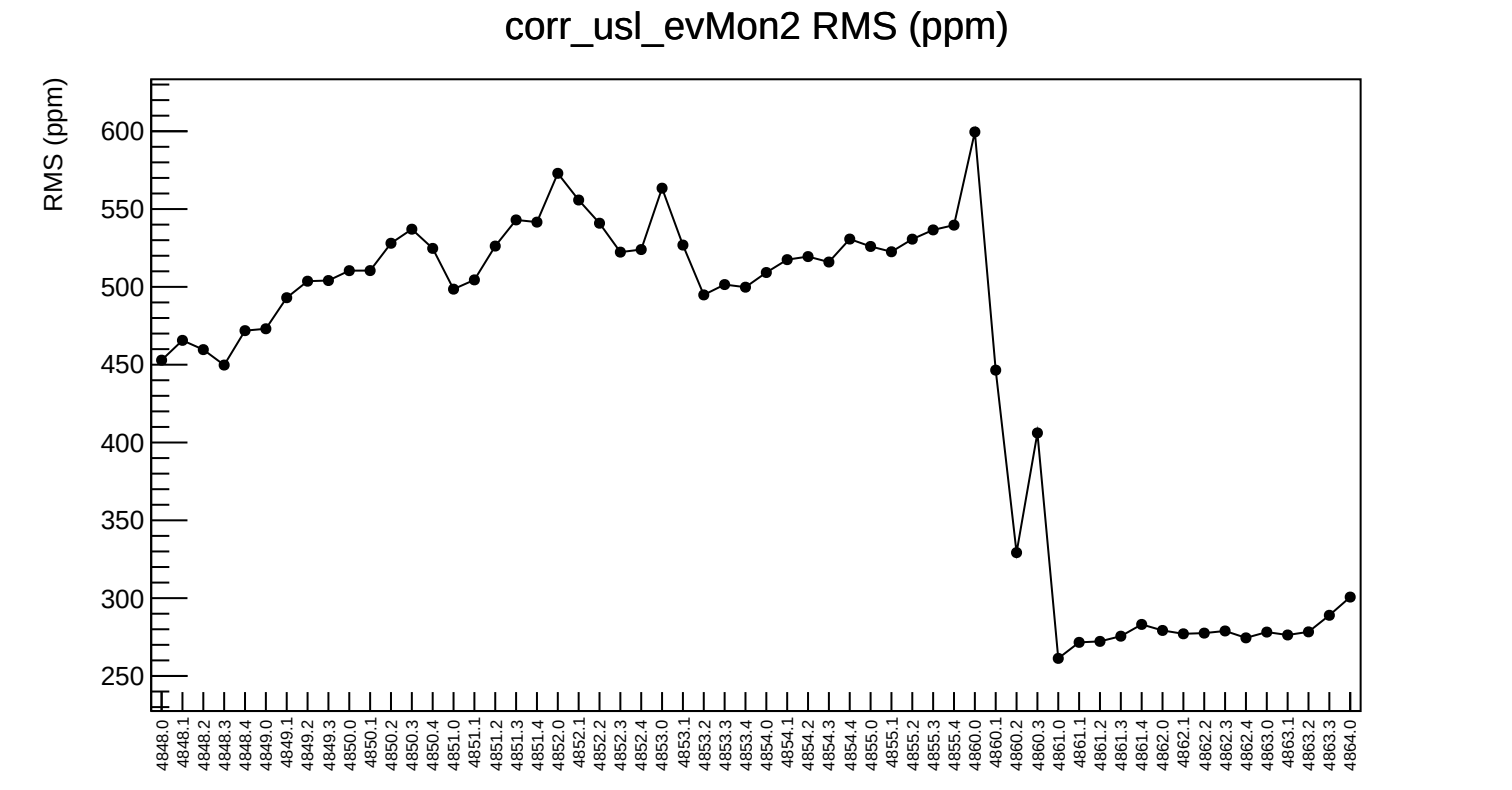

corr_usl_evMon1 (ppb)
χ² / ndf 18.2 / 57
p0 −28.2 ± 79.5
1500
1000
500
0
−500
−1000
−1500
1
0.5
0
−0.5
−1
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

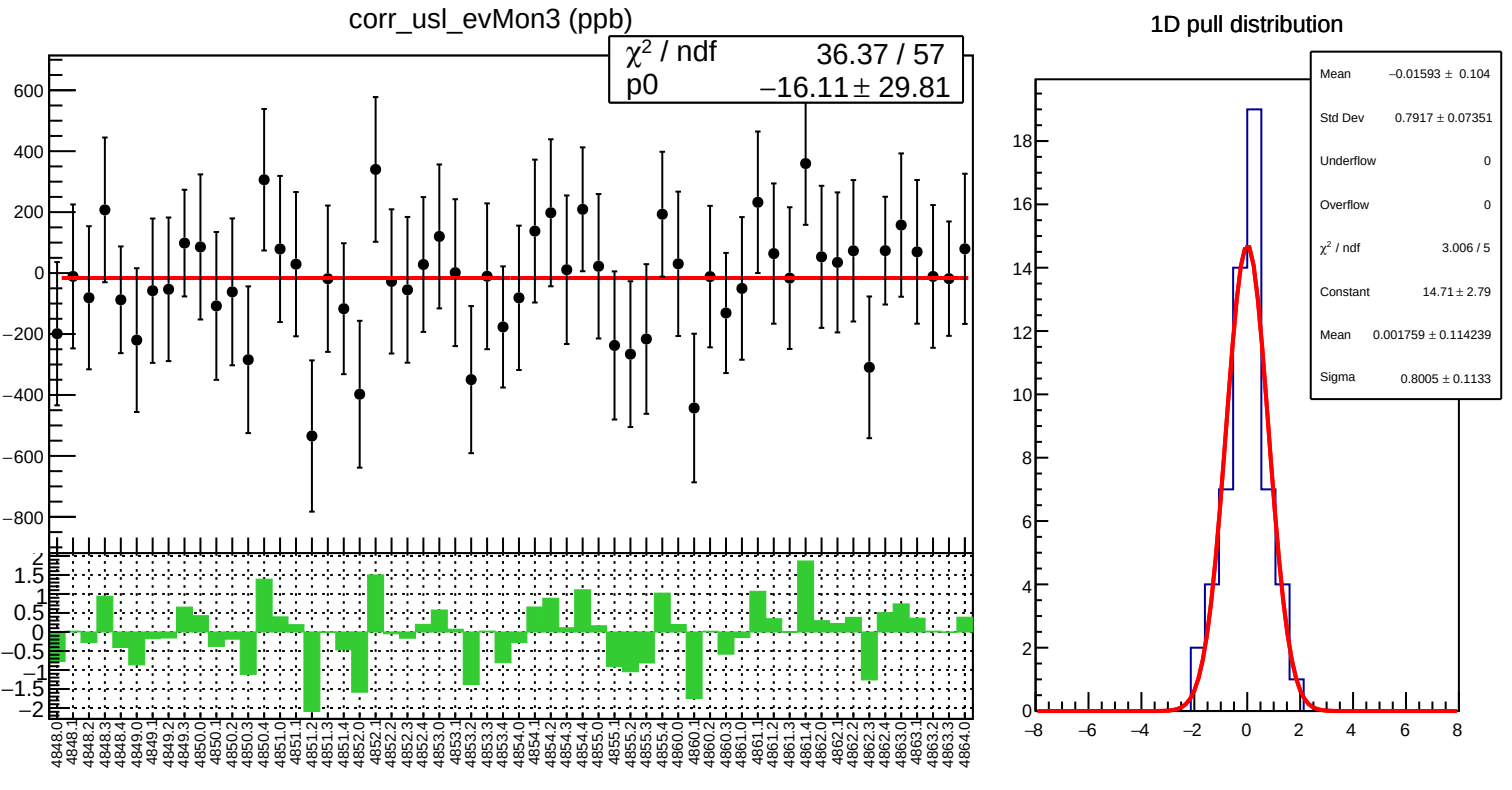

1D pull distribution
Mean −0.0004735 ± 0.07355
Std Dev 0.5602 ± 0.05201
Underflow 0
Overflow 0
χ² / ndf 3.538 / 3
Constant 20.59 ± 4.24
Mean 0.05539 ± 0.07733
Sigma 0.559 ± 0.087
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

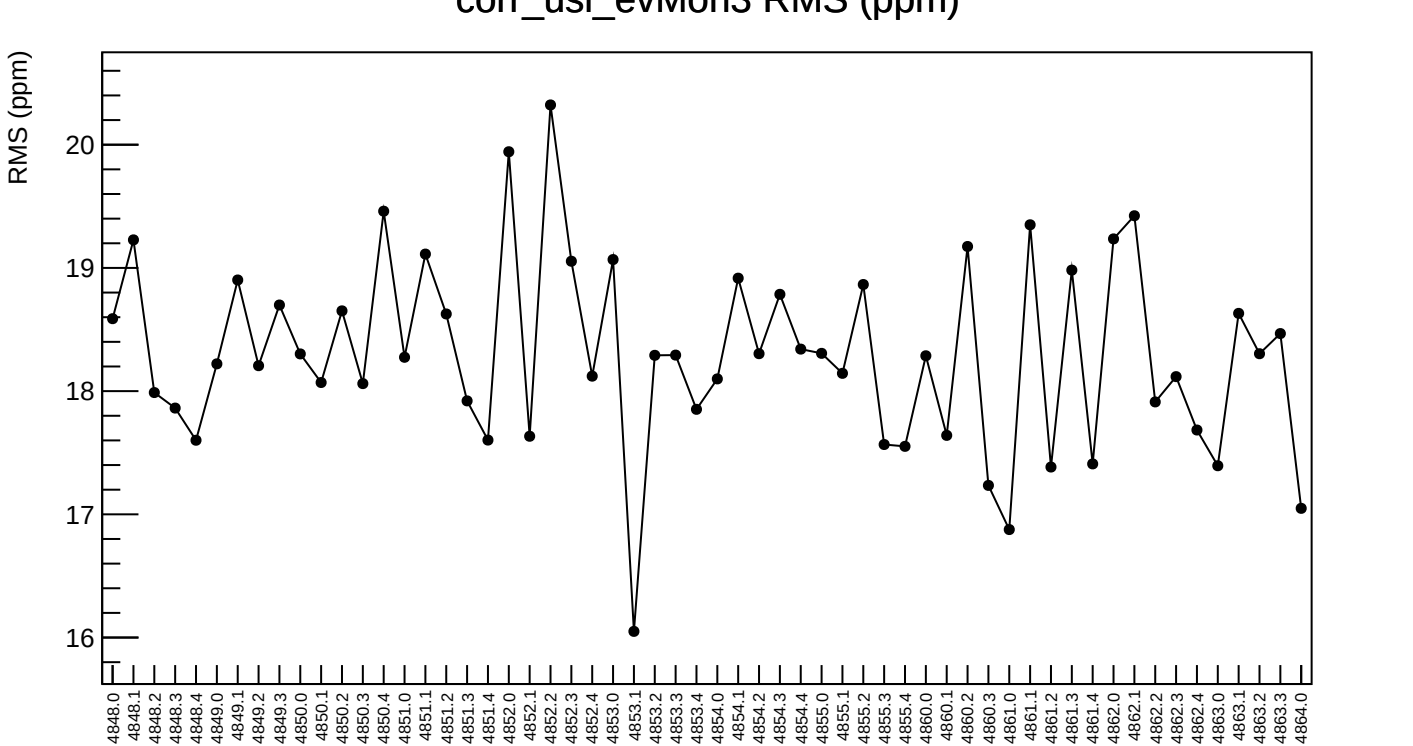

corr_usl_evMon1 RMS (ppm)
RMS (ppm)
44
42
40
38
36
34
32
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

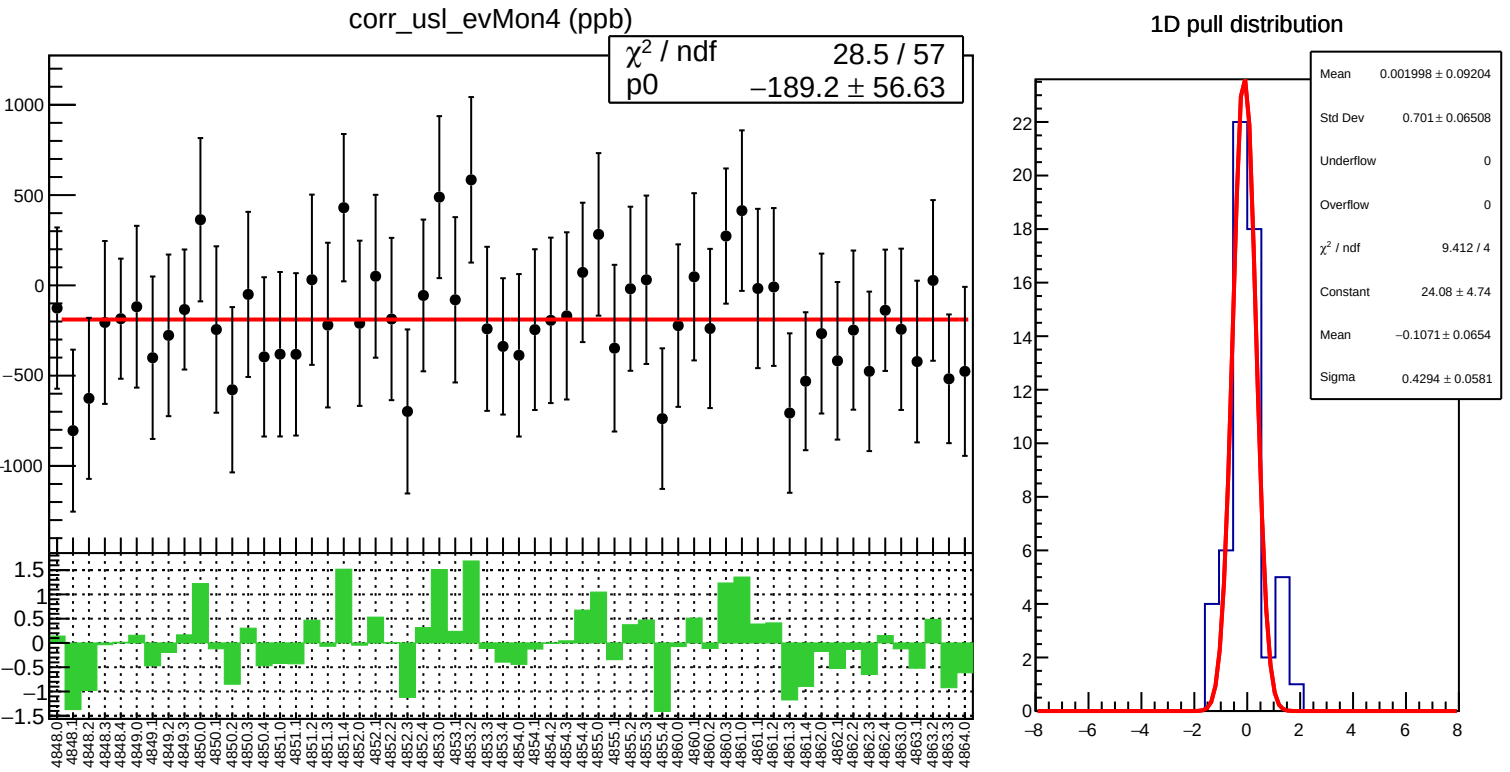

corr_usl_evMon2 (ppb)
χ² / ndf 132.6 / 57
p0 677.4 ± 398.5
20000
15000
10000
5000
0
-5000
-10000
-15000
4
2
0
-2
-4
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

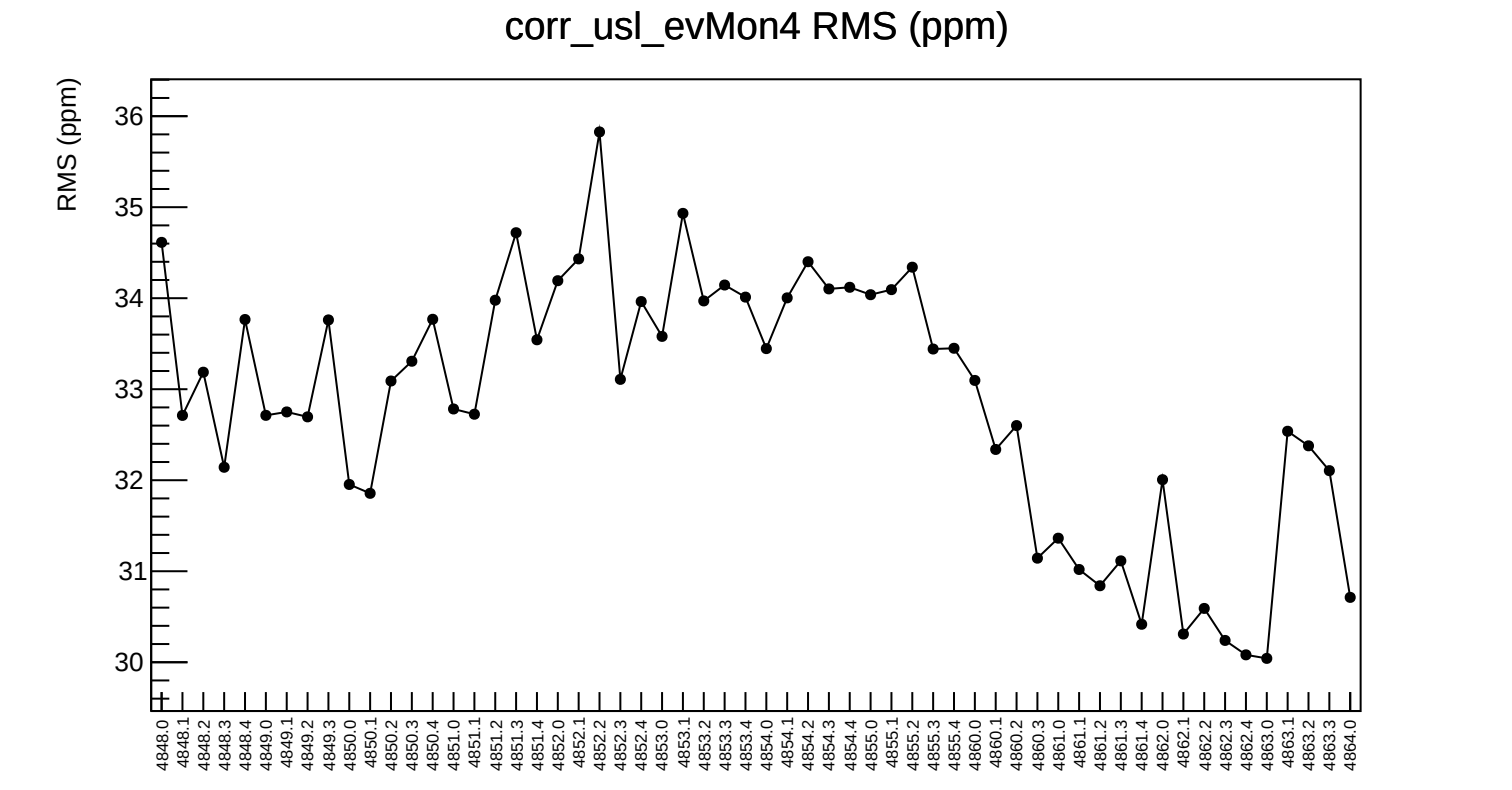

1D pull distribution
Mean −0.002292 ± 0.1985
Std Dev 1.512 ± 0.1404
Underflow 0
Overflow 0
χ² / ndf 9.153 / 11
Constant 7.044 ± 1.492
Mean −0.007356 ± 0.244592
Sigma 1.542 ± 0.294
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

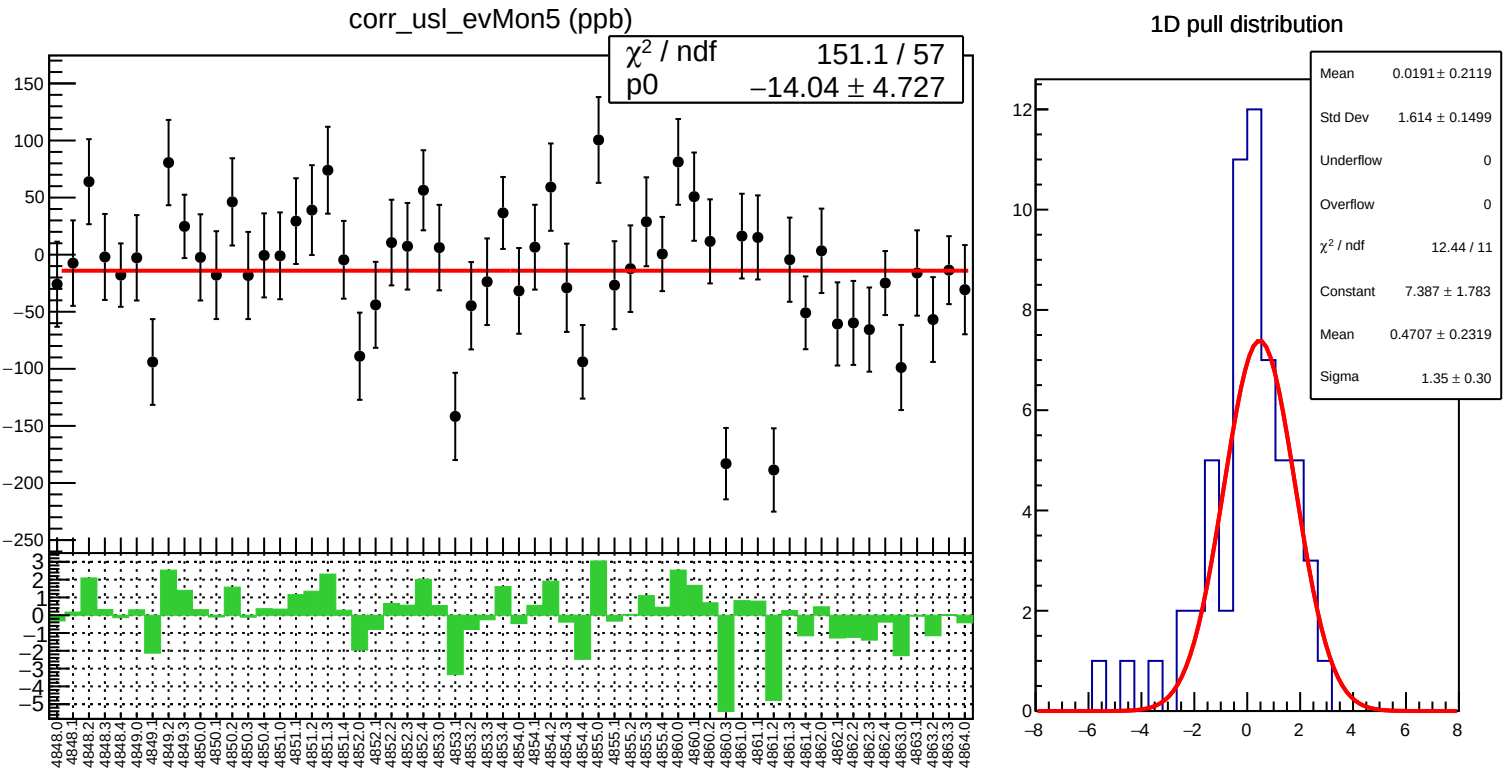

corr_usl_evMon2 RMS (ppm)
RMS (ppm)
600
550
500
450
400
350
300
250
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

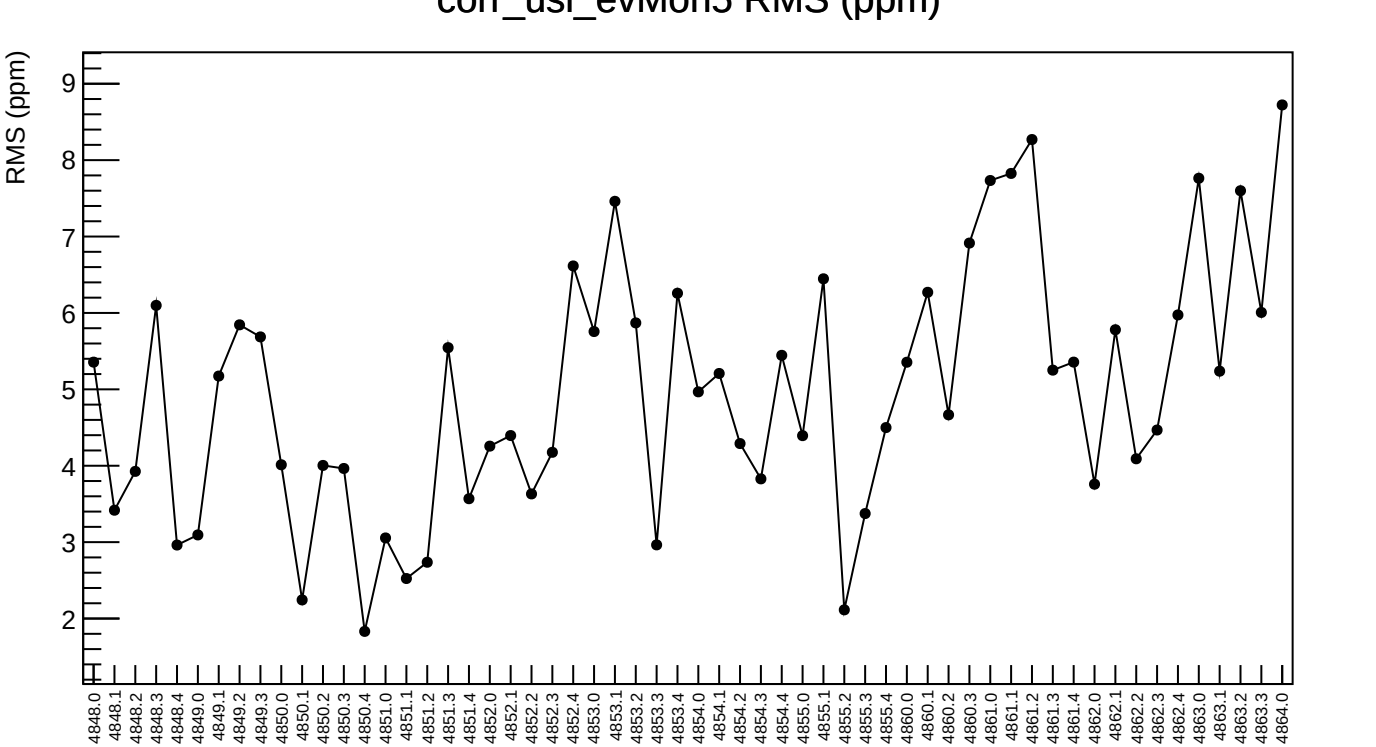

corr_usl_evMon3 (ppb)
χ² / ndf 36.37 / 57
p0 −16.11 ± 29.81
1D pull distribution
Mean −0.01593 ± 0.104
Std Dev 0.7917 ± 0.07351
Underflow 0
Overflow 0
χ² / ndf 3.006 / 5
Constant 14.71 ± 2.79
Mean 0.001759 ± 0.114239
Sigma 0.8005 ± 0.1133

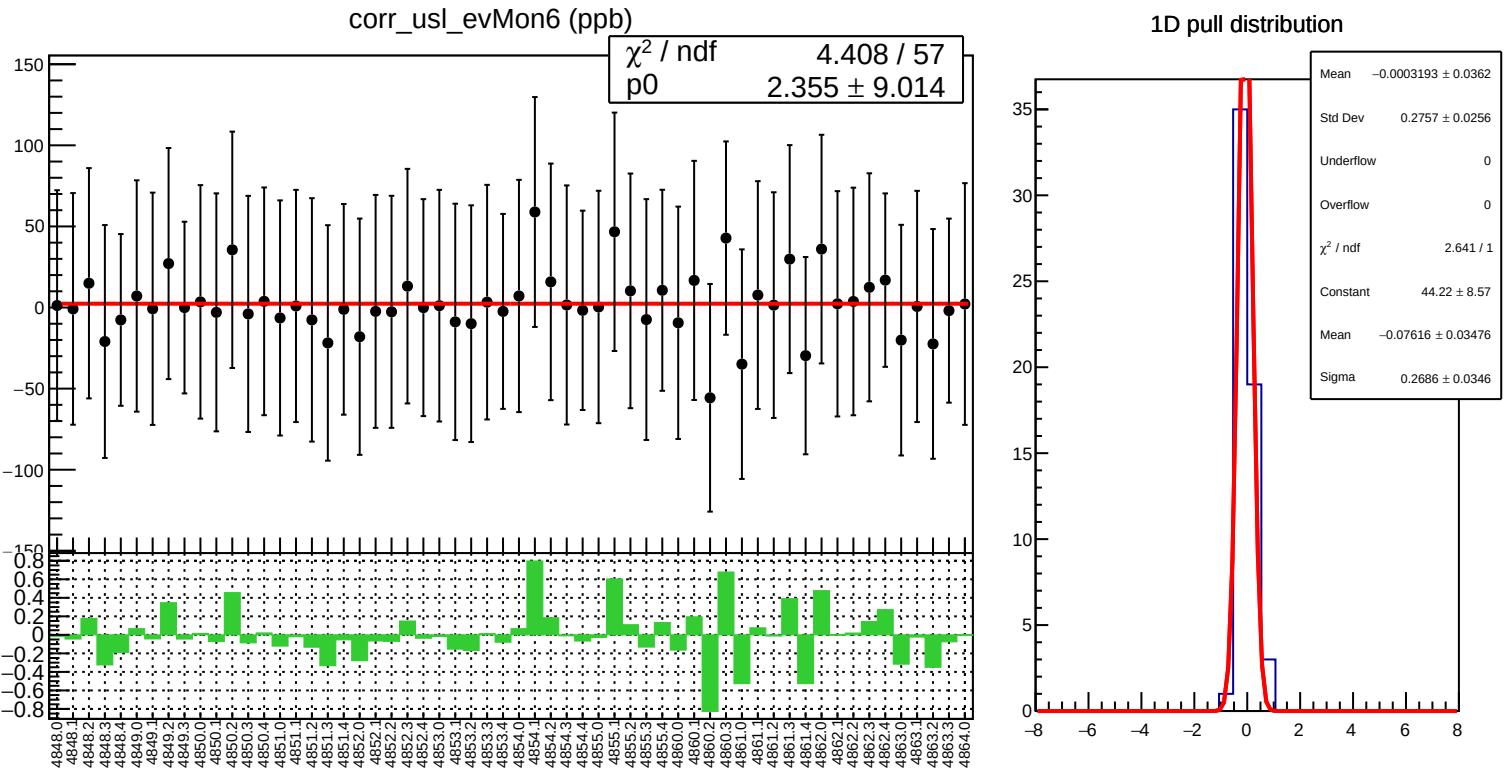

corr_usl_evMon3 RMS (ppm)
RMS (ppm)
20
19
18
17
16
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

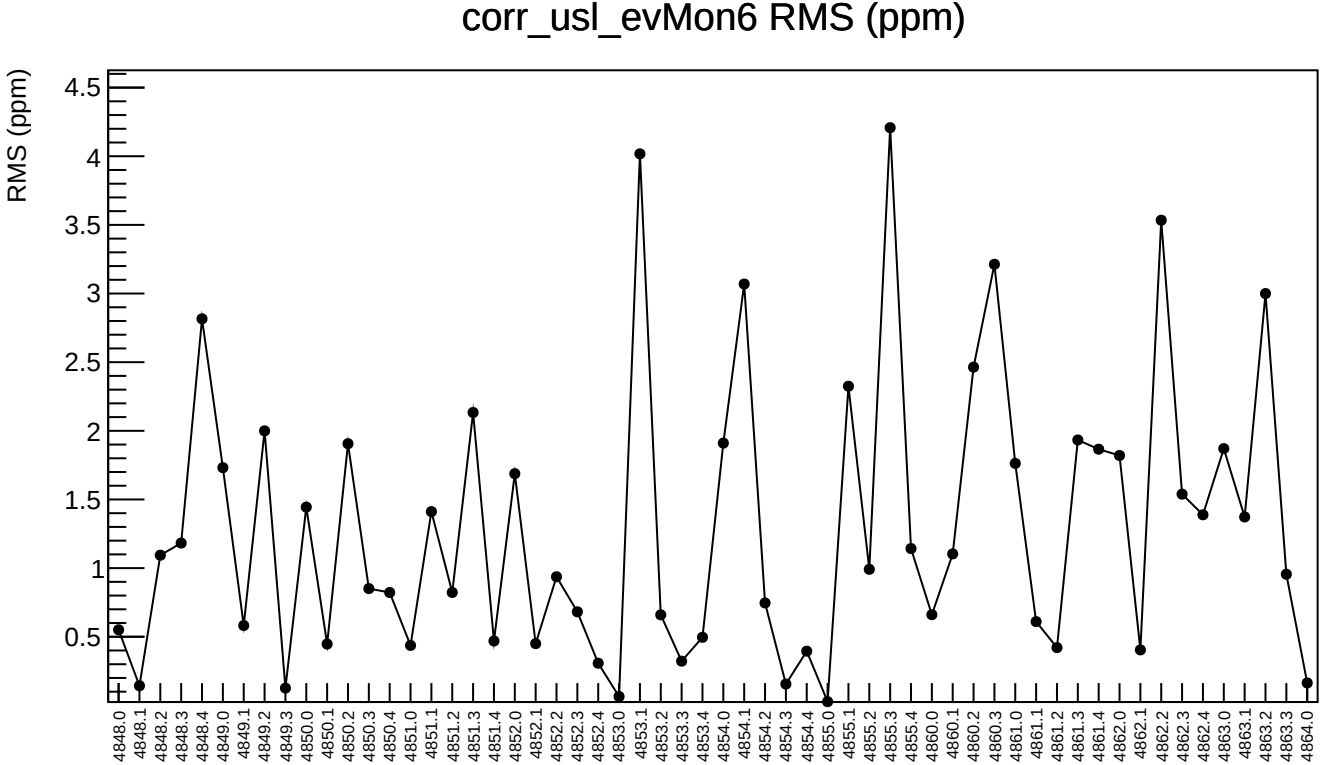

corr_usl_evMon4 (ppb)
χ² / ndf 28.5 / 57
p0 −189.2 ± 56.63
1000
500
0
−500
−1000
1.5
1
0.5
0
−0.5
−1
−1.5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0
1D pull distribution
Mean 0.001998 ± 0.09204
Std Dev 0.701 ± 0.06508
Underflow 0
Overflow 0
χ² / ndf 9.412 / 4
Constant 24.08 ± 4.74
Mean −0.1071 ± 0.0654
Sigma 0.4294 ± 0.0581
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

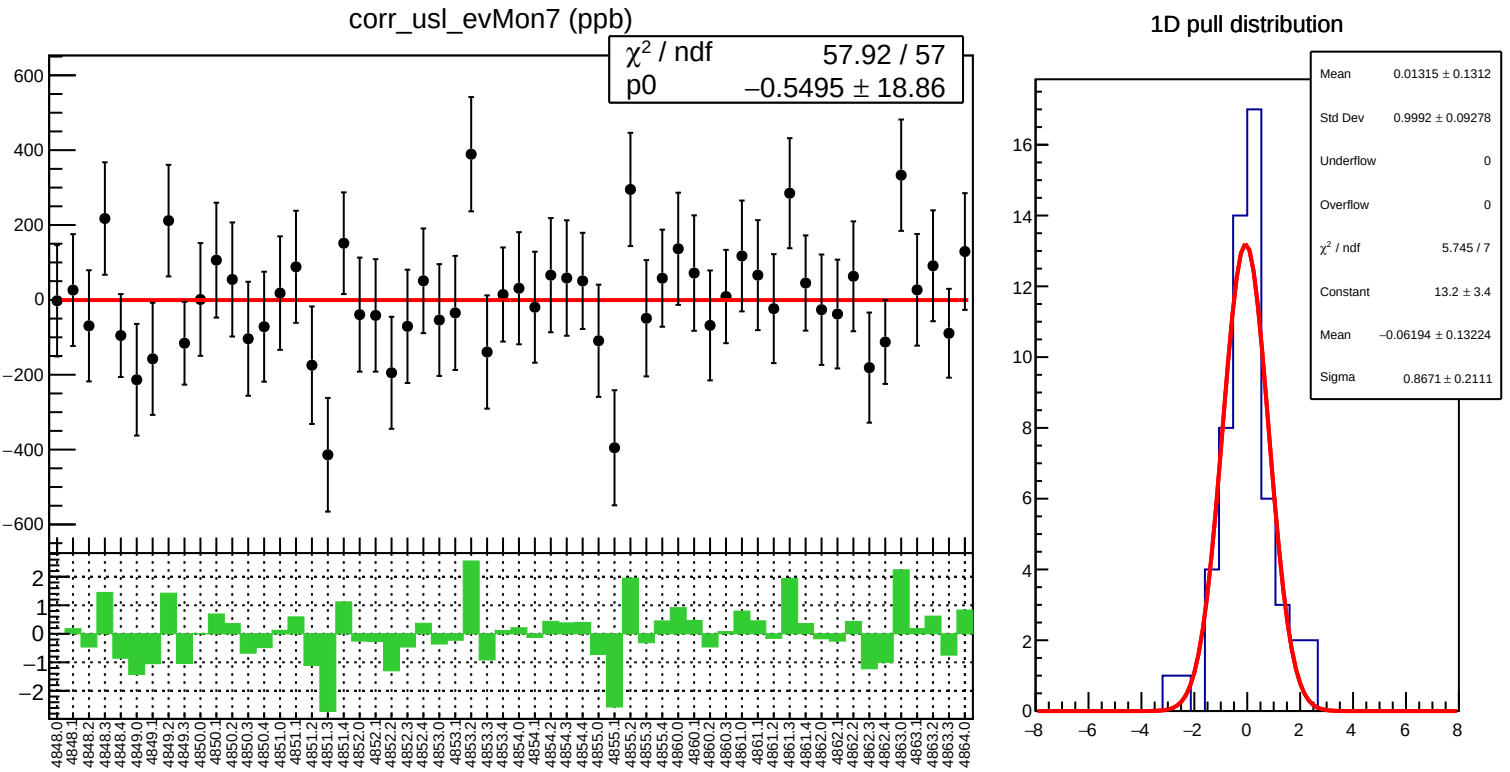

corr_usl_evMon4 RMS (ppm)
RMS (ppm)
36
35
34
33
32
31
30
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

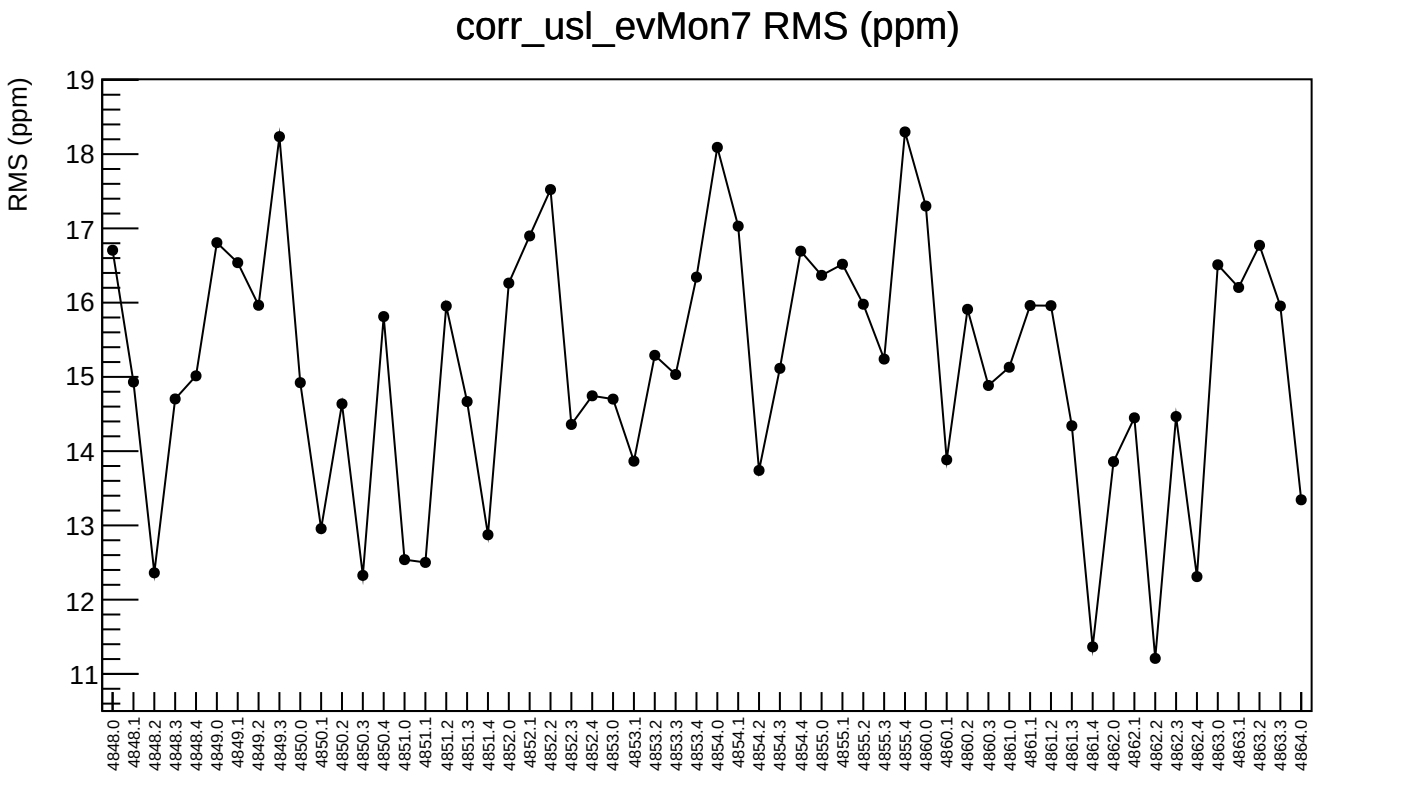

corr_usl_evMon5 (ppb)
χ² / ndf 151.1 / 57
p0 −14.04 ± 4.727
1D pull distribution
Mean 0.0191 ± 0.2119
Std Dev 1.614 ± 0.1499
Underflow 0
Overflow 0
χ² / ndf 12.44 / 11
Constant 7.387 ± 1.783
Mean 0.4707 ± 0.2319
Sigma 1.35 ± 0.30

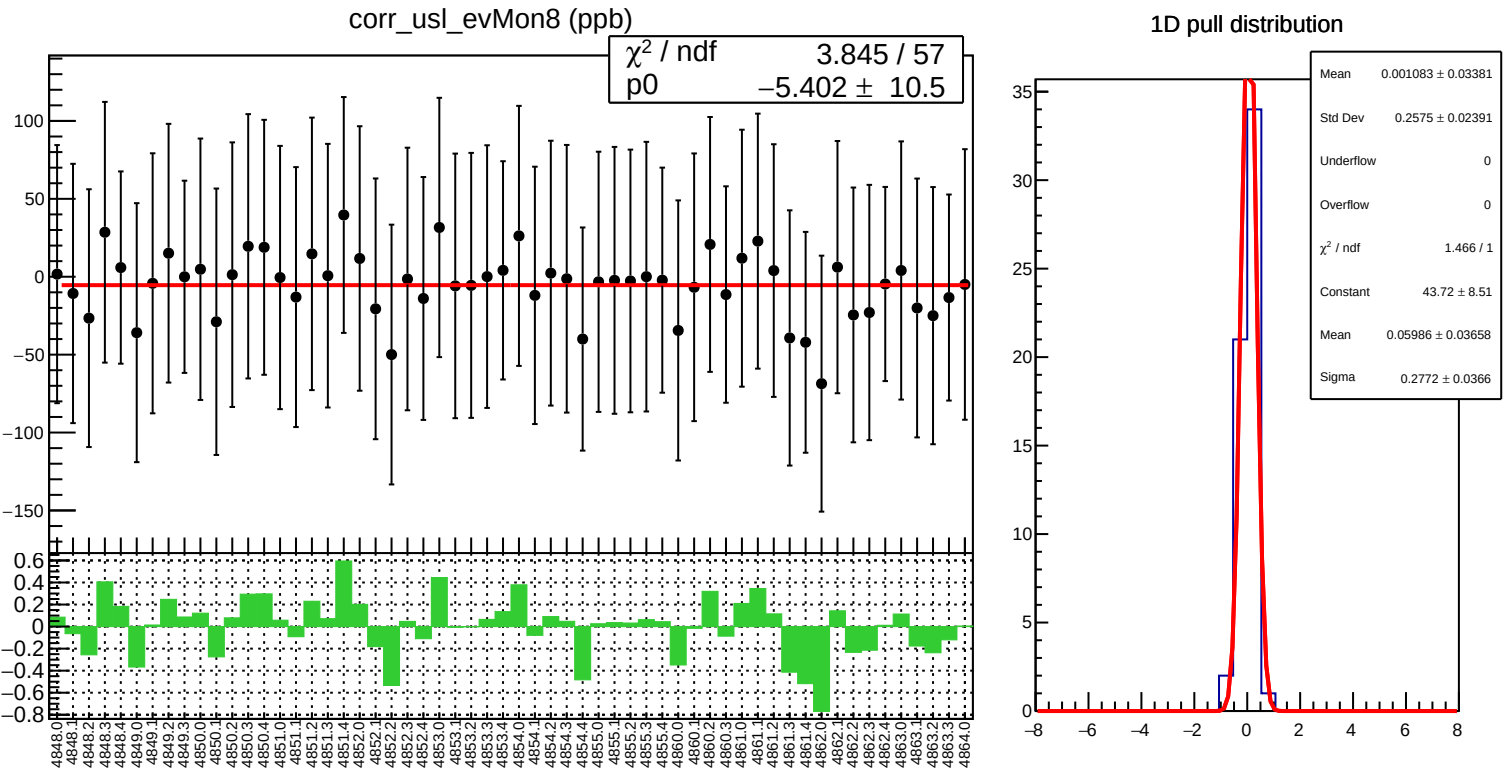

corr_usl_evMon5 RMS (ppm)
RMS (ppm)
9
8
7
6
5
4
3
2
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

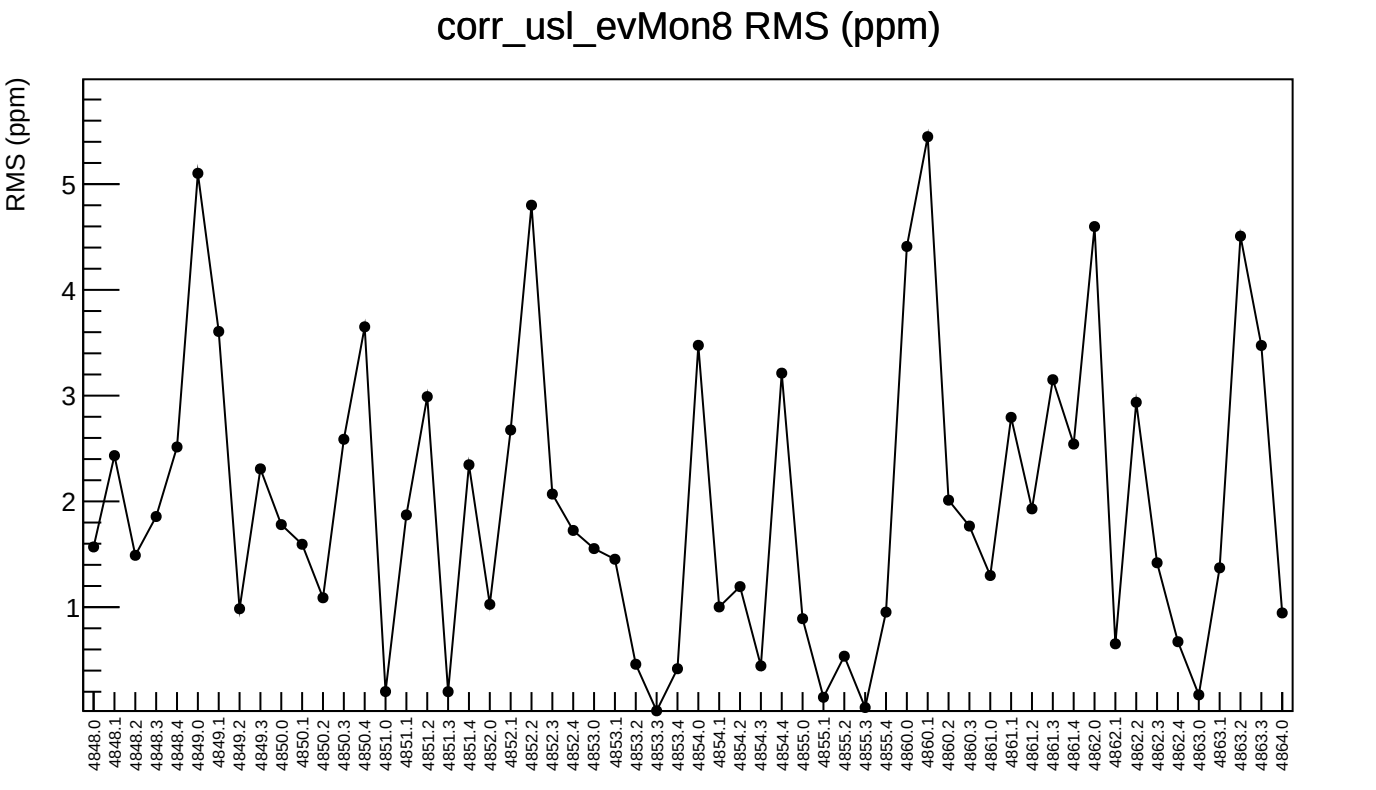

corr_usl_evMon6 (ppb)
χ² / ndf 4.408 / 57
p0 2.355 ± 9.014
1D pull distribution
Mean −0.0003193 ± 0.0362
Std Dev 0.2757 ± 0.0256
Underflow 0
Overflow 0
χ² / ndf 2.641 / 1
Constant 44.22 ± 8.57
Mean −0.07616 ± 0.03476
Sigma 0.2686 ± 0.0346

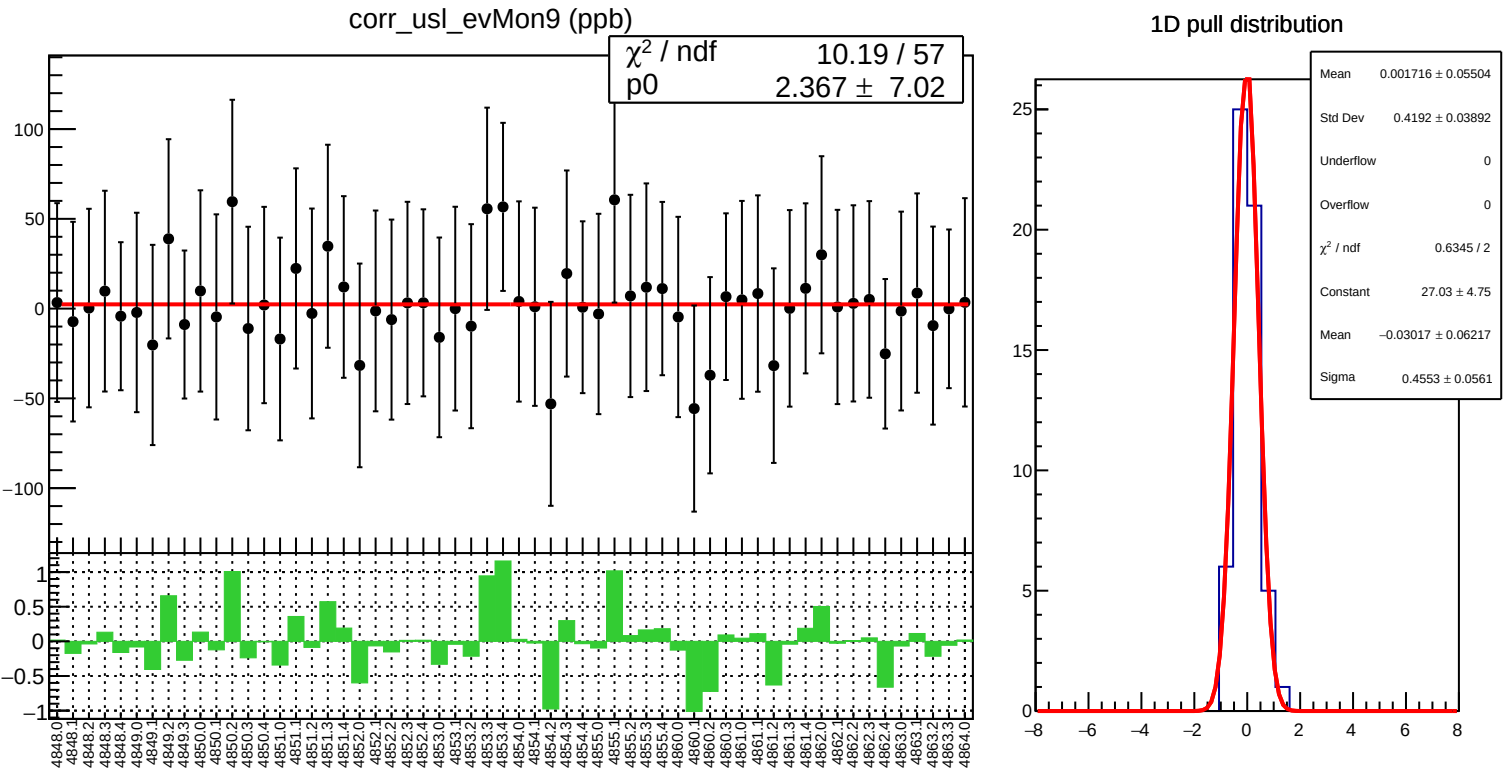

corr_usl_evMon6 RMS (ppm)
RMS (ppm)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

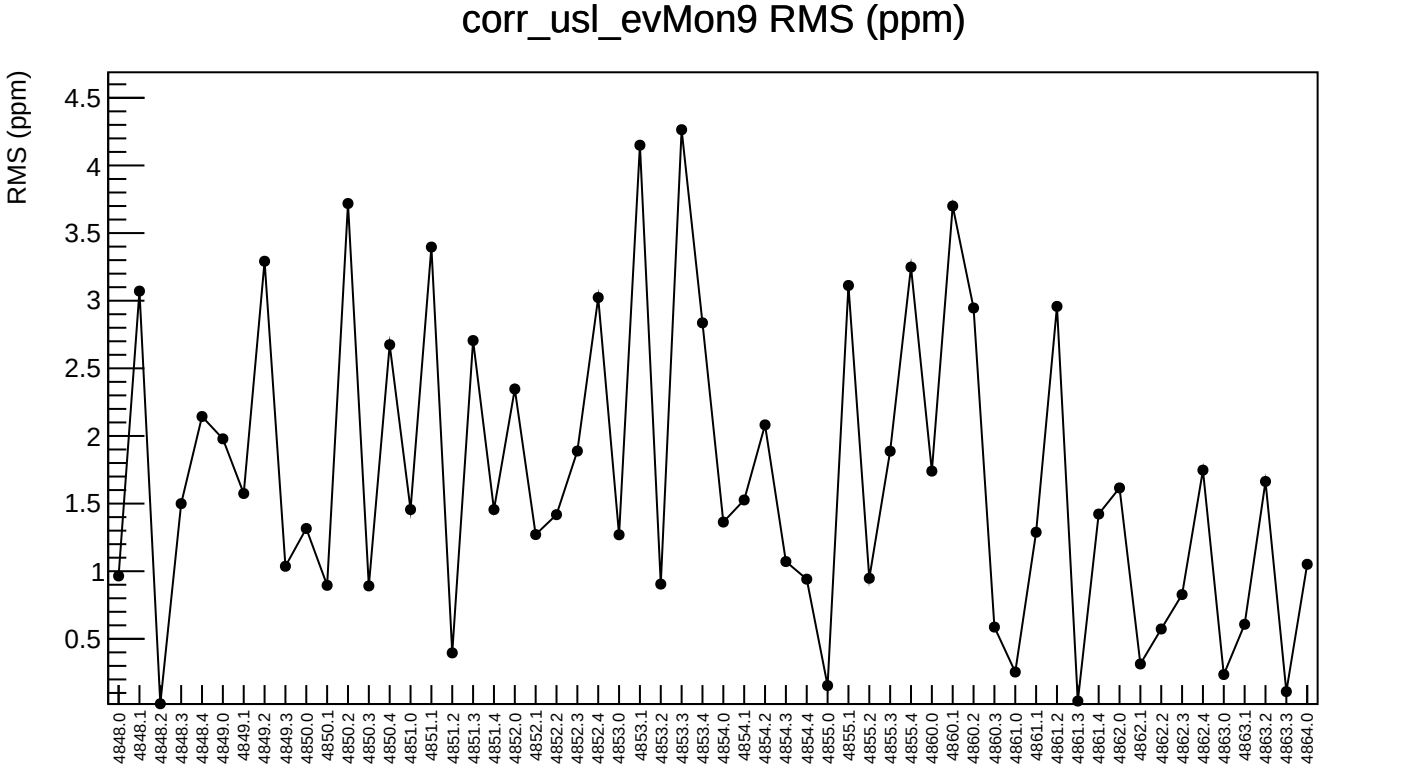

corr_usl_evMon7 (ppb)
χ² / ndf 57.92 / 57
p0 −0.5495 ± 18.86
600
400
200
0
−200
−400
−600
pull
2
1
0
−1
−2
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0
1D pull distribution
Mean 0.01315 ± 0.1312
Std Dev 0.9992 ± 0.09278
Underflow 0
Overflow 0
χ² / ndf 5.745 / 7
Constant 13.2 ± 3.4
Mean −0.06194 ± 0.13224
Sigma 0.8671 ± 0.2111
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

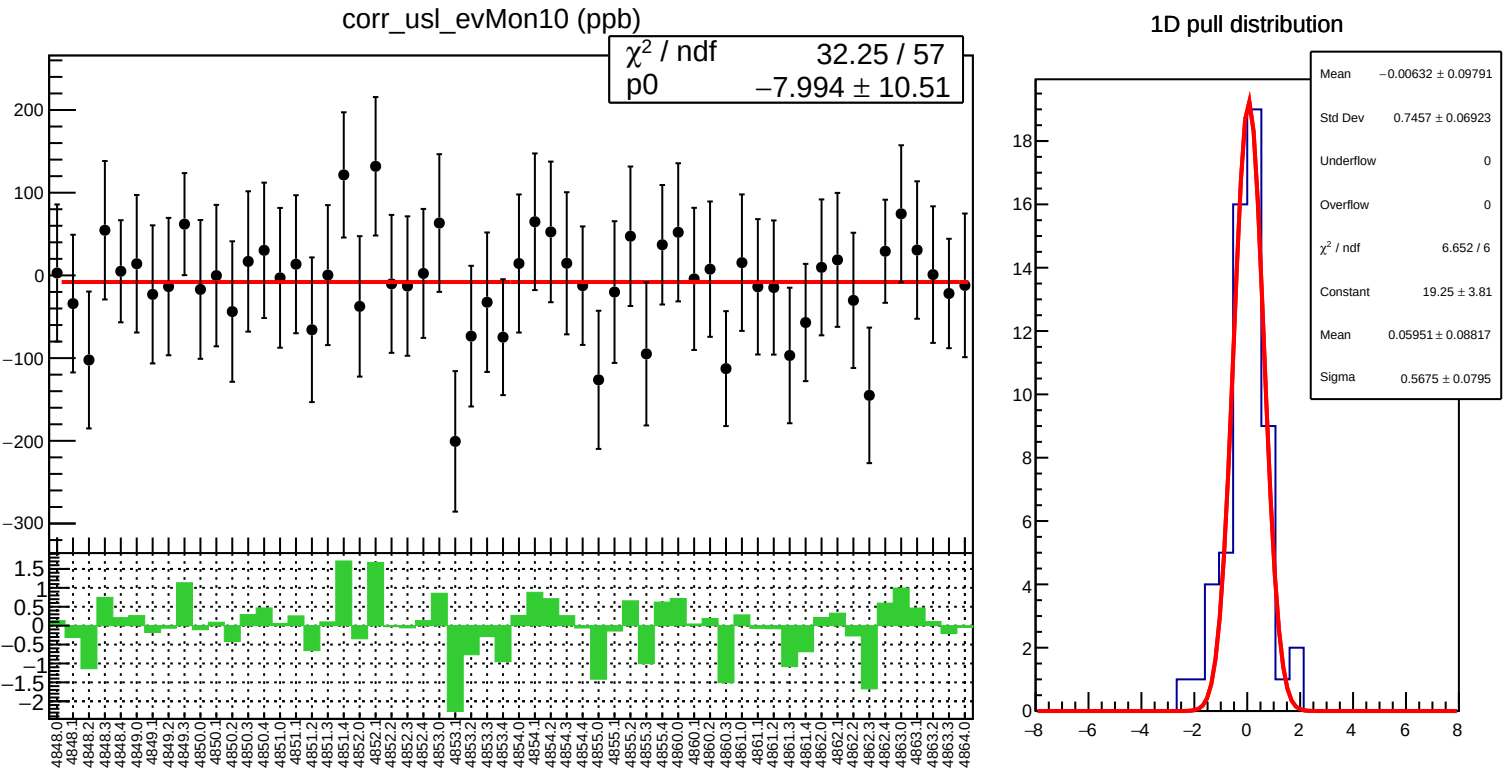

corr_usl_evMon7 RMS (ppm)
RMS (ppm)
19
18
17
16
15
14
13
12
11
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

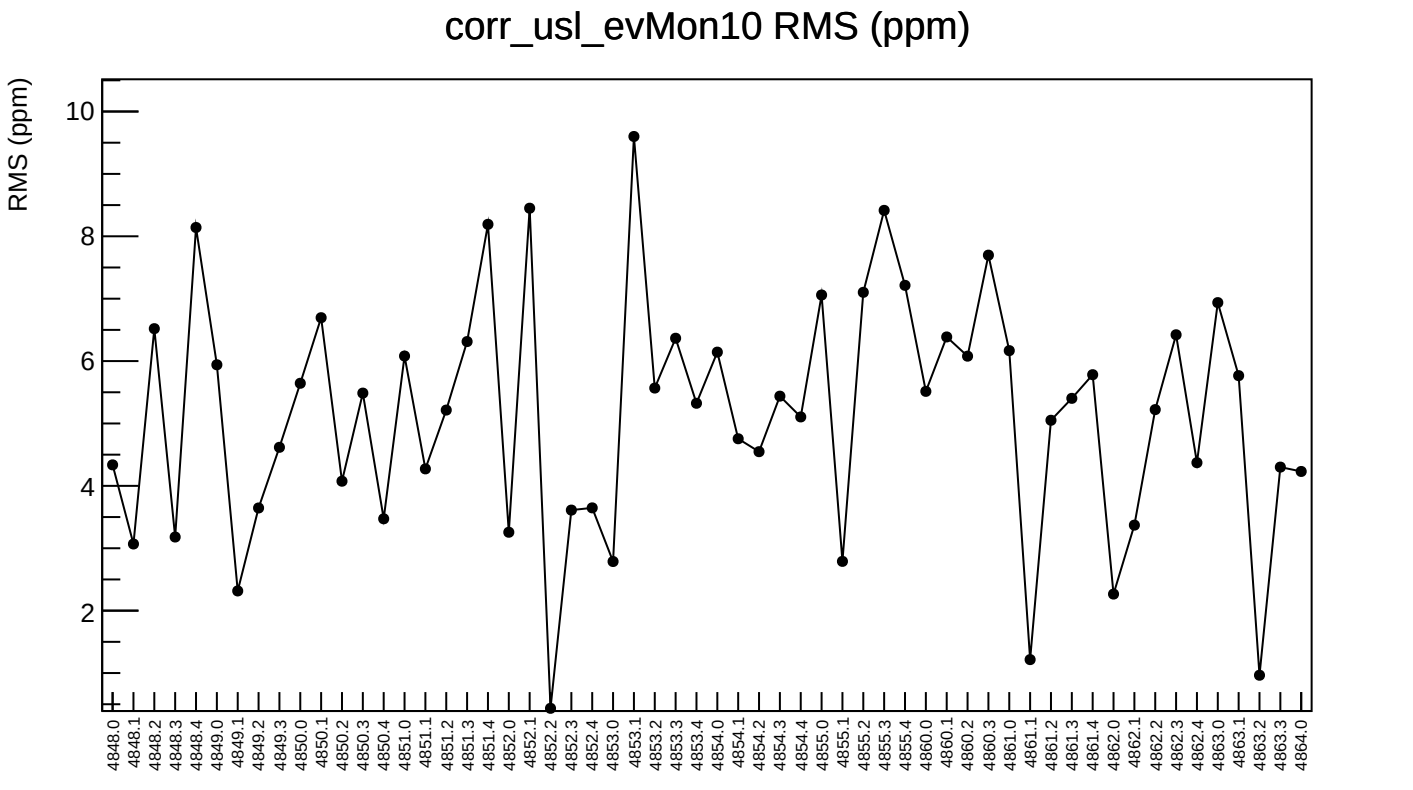

corr_usl_evMon8 (ppb)
χ² / ndf 3.845 / 57
p0 −5.402 ± 10.5
1D pull distribution
Mean 0.001083 ± 0.03381
Std Dev 0.2575 ± 0.02391
Underflow 0
Overflow 0
χ² / ndf 1.466 / 1
Constant 43.72 ± 8.51
Mean 0.05986 ± 0.03658
Sigma 0.2772 ± 0.0366

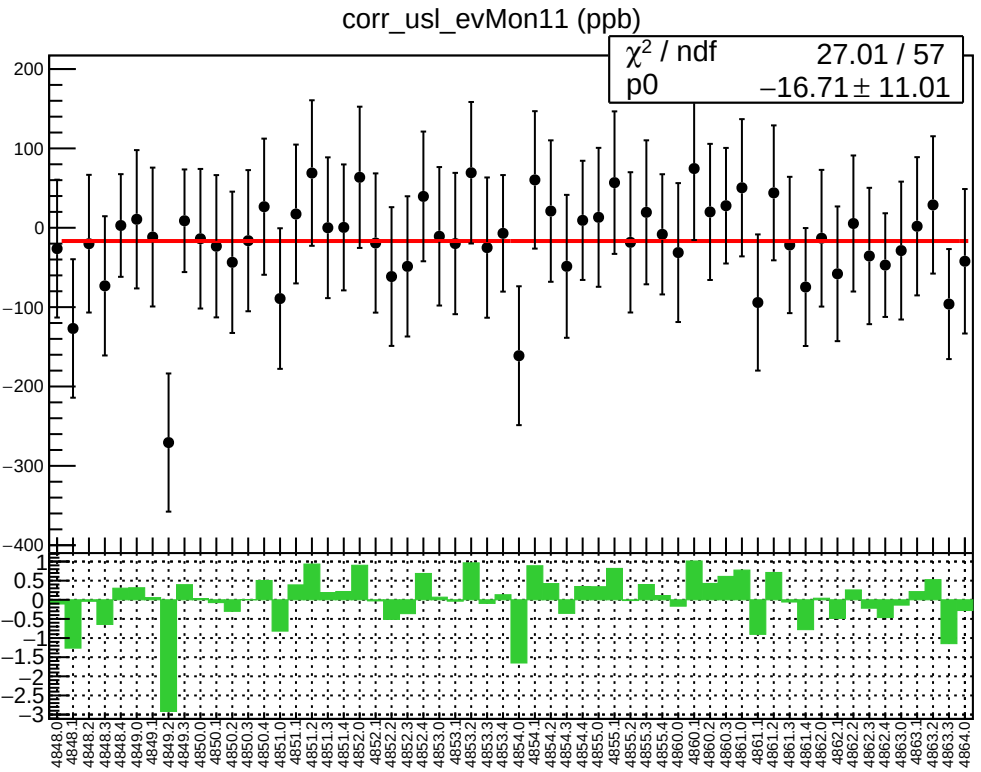

corr_usl_evMon8 RMS (ppm)
RMS (ppm)
1
2
3
4
5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

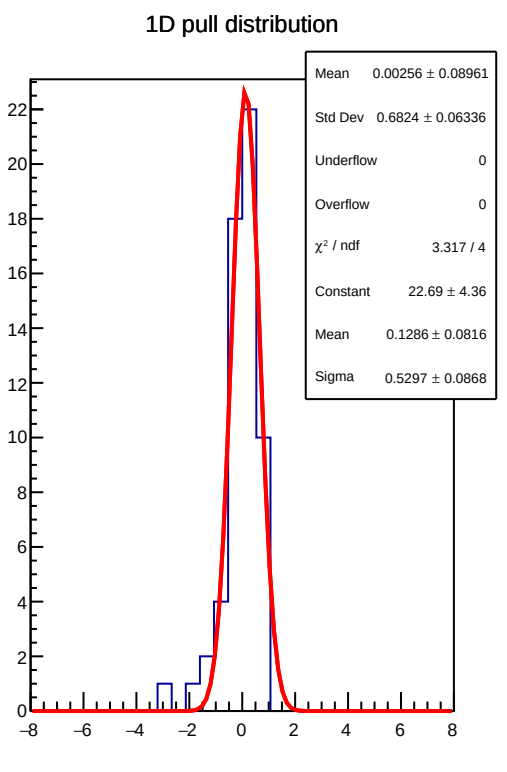

corr_usl_evMon9 (ppb)
χ² / ndf 10.19 / 57
p0 2.367 ± 7.02
1D pull distribution
Mean 0.001716 ± 0.05504
Std Dev 0.4192 ± 0.03892
Underflow 0
Overflow 0
χ² / ndf 0.6345 / 2
Constant 27.03 ± 4.75
Mean −0.03017 ± 0.06217
Sigma 0.4553 ± 0.0561

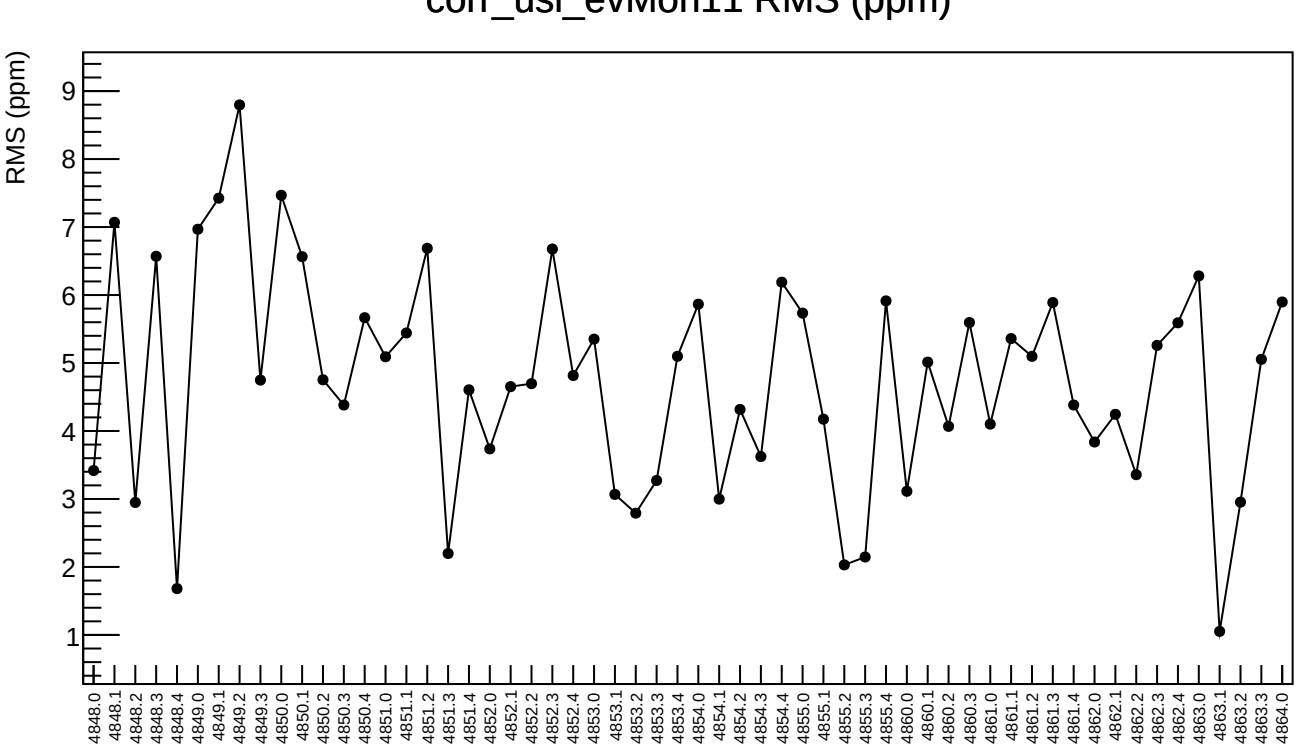

corr_usl_evMon9 RMS (ppm)
RMS (ppm)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

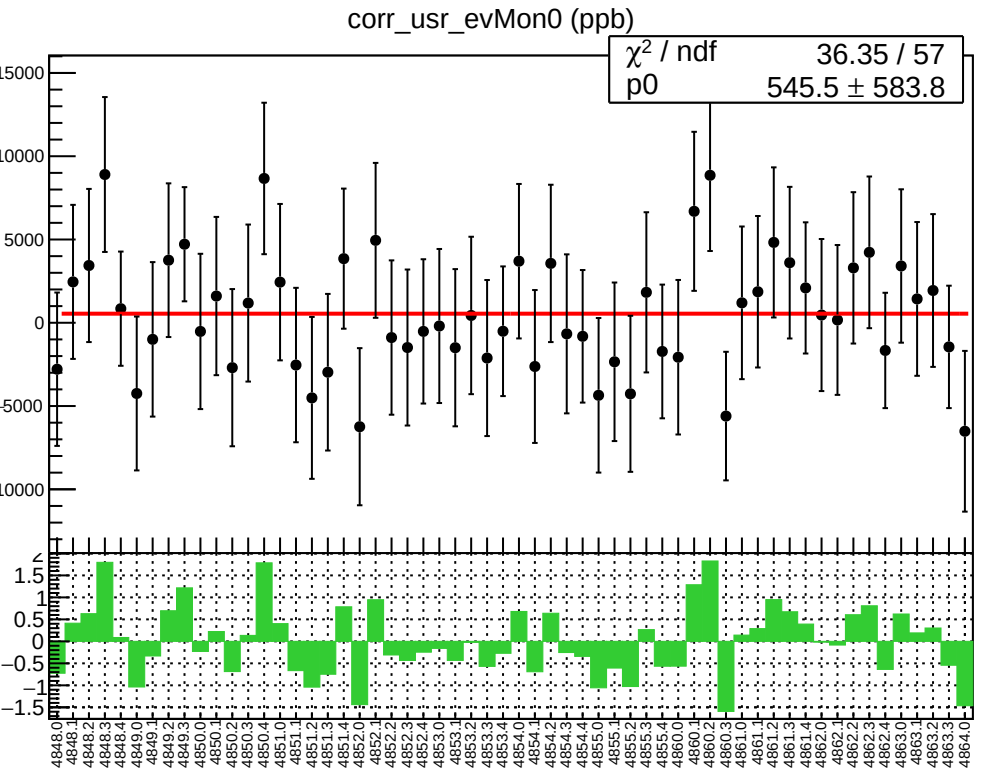

corr_usl_evMon10 (ppb)
χ² / ndf 32.25 / 57
p0 −7.994 ± 10.51
1D pull distribution
Mean −0.00632 ± 0.09791
Std Dev 0.7457 ± 0.06923
Underflow 0
Overflow 0
χ² / ndf 6.652 / 6
Constant 19.25 ± 3.81
Mean 0.05951 ± 0.08817
Sigma 0.5675 ± 0.0795

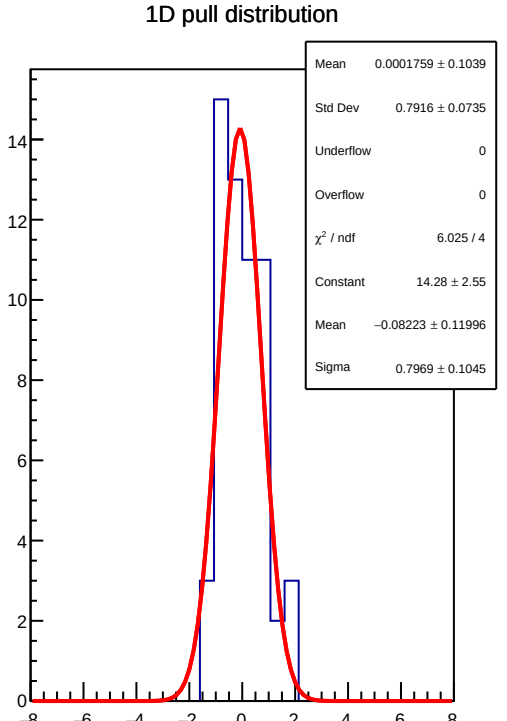

corr_usl_evMon10 RMS (ppm)
RMS (ppm)
10
8
6
4
2
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

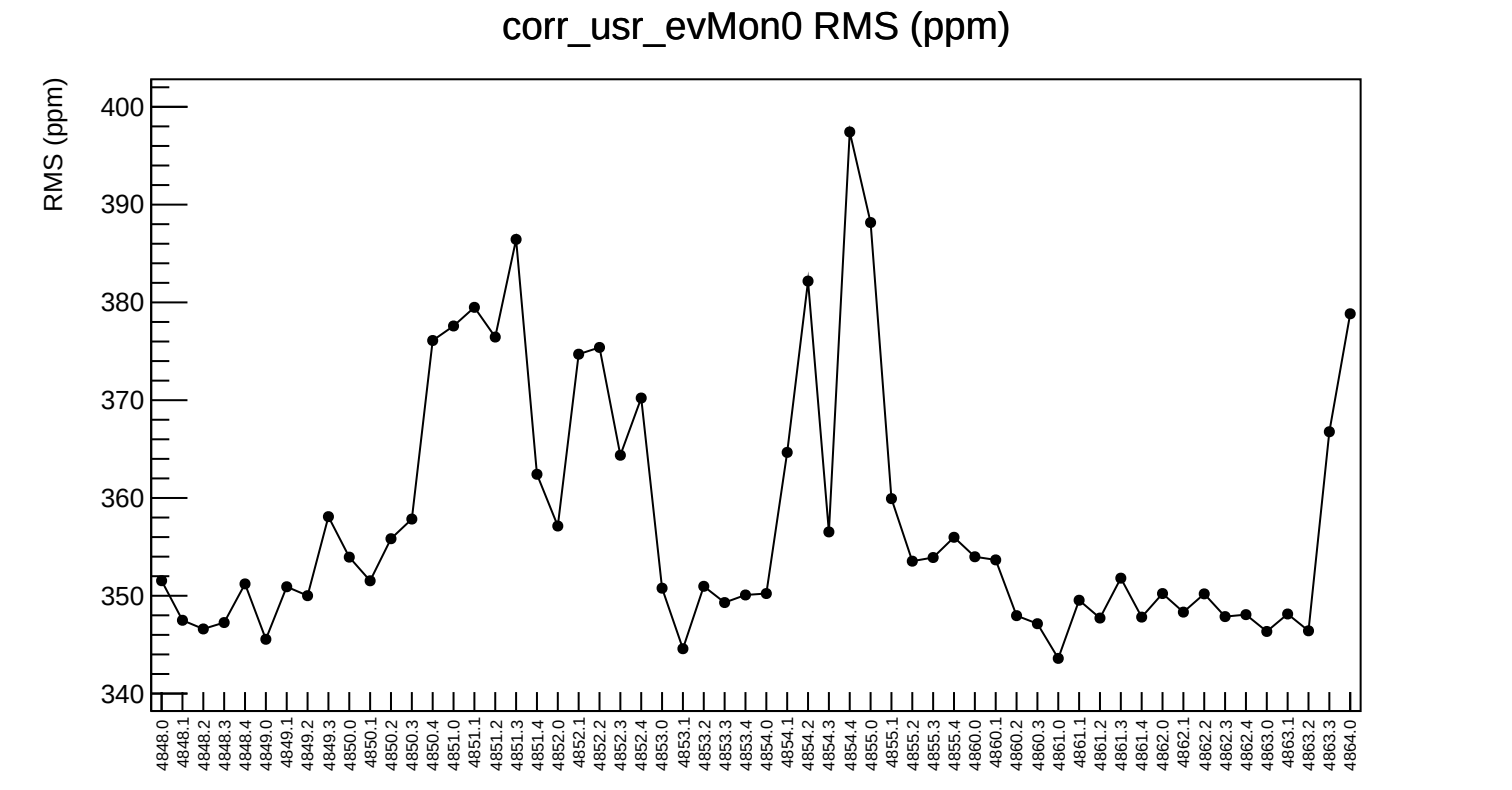

corr_usl_evMon11 (ppb)
χ² / ndf 27.01 / 57
p0 −16.71 ± 11.01

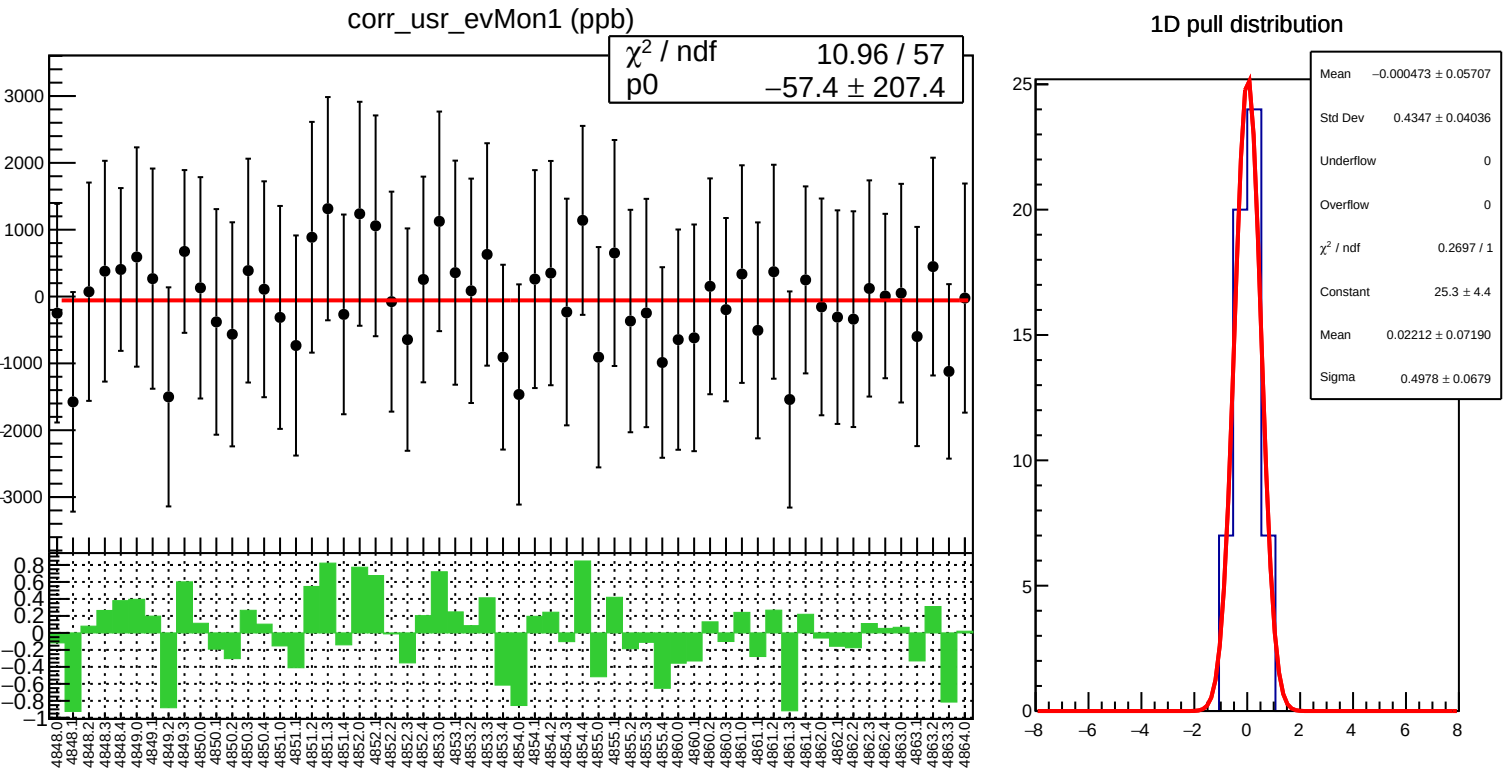

1D pull distribution
Mean 0.00256 ± 0.08961
Std Dev 0.6824 ± 0.06336
Underflow 0
Overflow 0
χ² / ndf 3.317 / 4
Constant 22.69 ± 4.36
Mean 0.1286 ± 0.0816
Sigma 0.5297 ± 0.0868

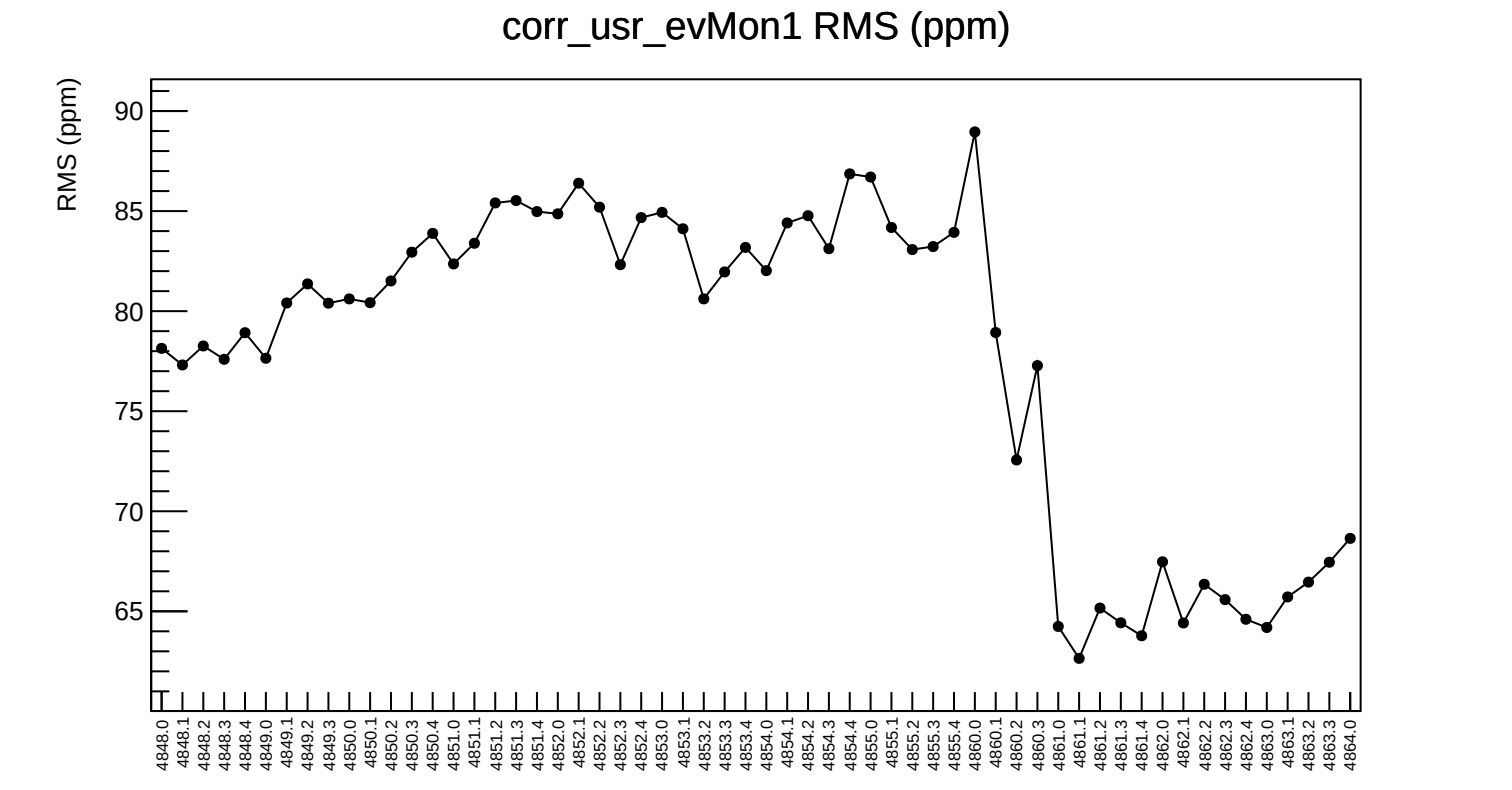

corr_usl_evMon11 RMS (ppm)
RMS (ppm)
1
2
3
4
5
6
7
8
9
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

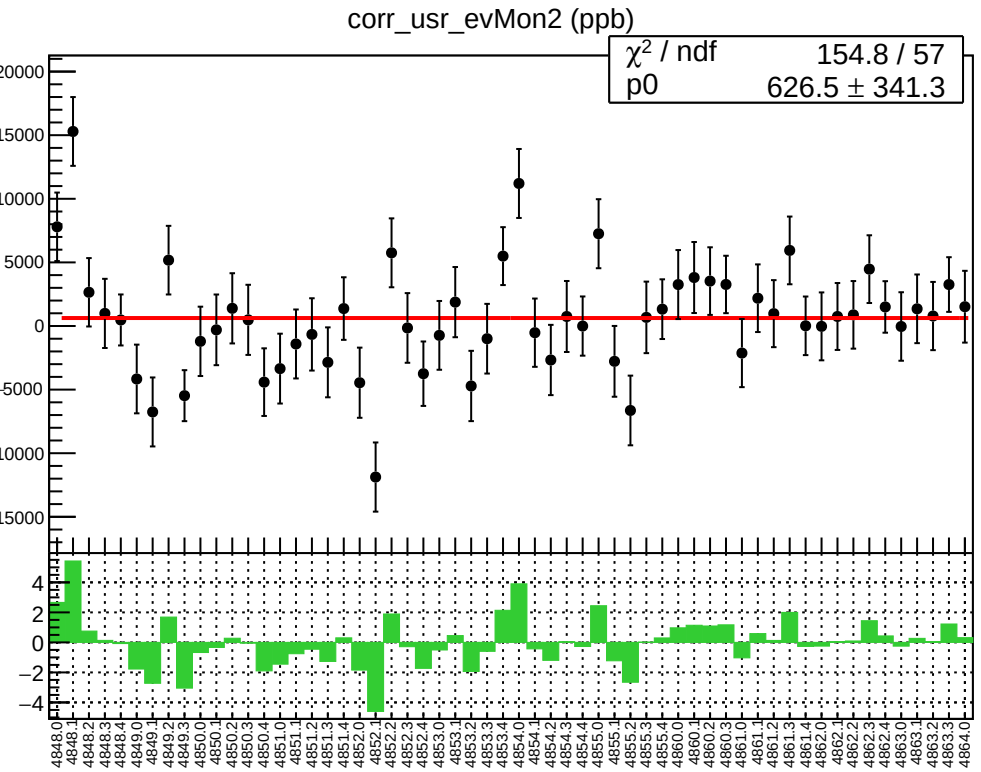

corr_usr_evMon0 (ppb)
χ² / ndf 36.35 / 57
p0 545.5 ± 583.8
15000
10000
5000
0
-5000
-10000
1.5
1
0.5
0
−0.5
−1
−1.5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

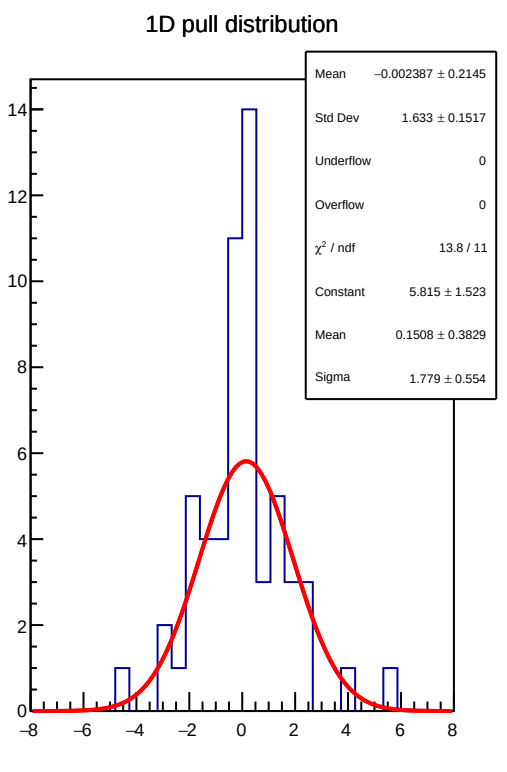

1D pull distribution
Mean 0.0001759 ± 0.1039
Std Dev 0.7916 ± 0.0735
Underflow 0
Overflow 0
χ² / ndf 6.025 / 4
Constant 14.28 ± 2.55
Mean −0.08223 ± 0.11996
Sigma 0.7969 ± 0.1045
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

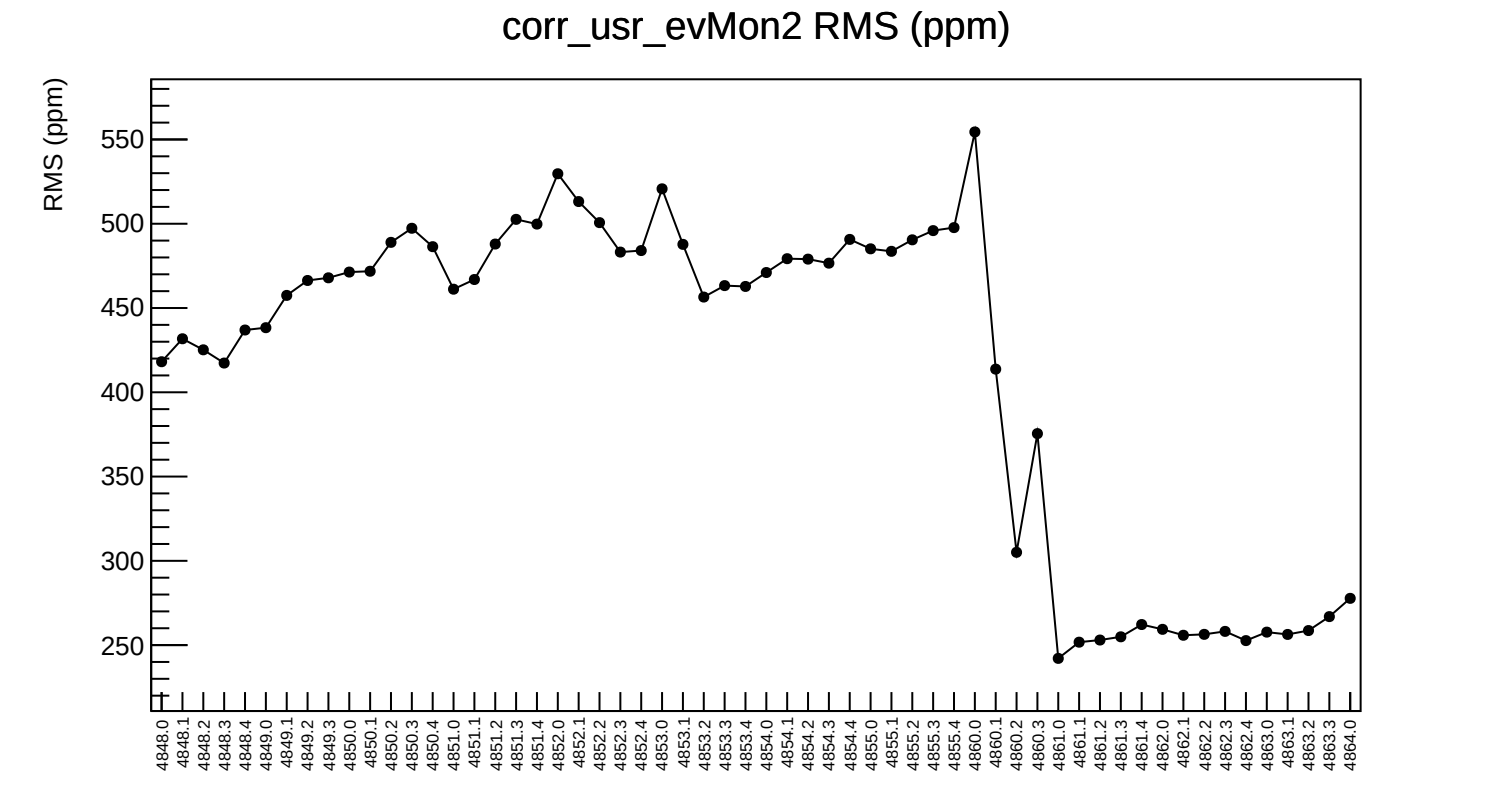

corr_usr_evMon0 RMS (ppm)
RMS (ppm)
400
390
380
370
360
350
340
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

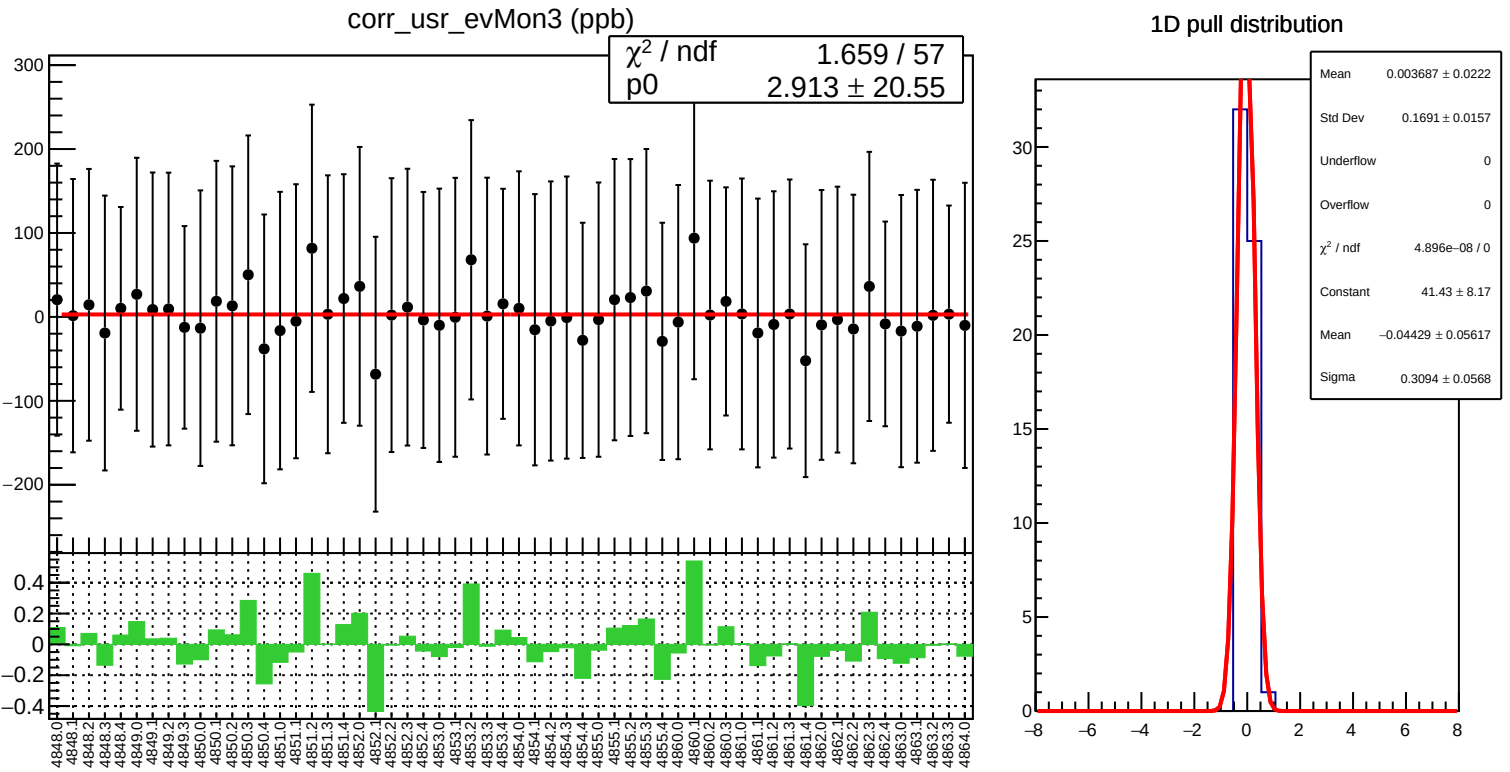

corr_usr_evMon1 (ppb)
χ² / ndf 10.96 / 57
p0 −57.4 ± 207.4
1D pull distribution
Mean −0.000473 ± 0.05707
Std Dev 0.4347 ± 0.04036
Underflow 0
Overflow 0
χ² / ndf 0.2697 / 1
Constant 25.3 ± 4.4
Mean 0.02212 ± 0.07190
Sigma 0.4978 ± 0.0679

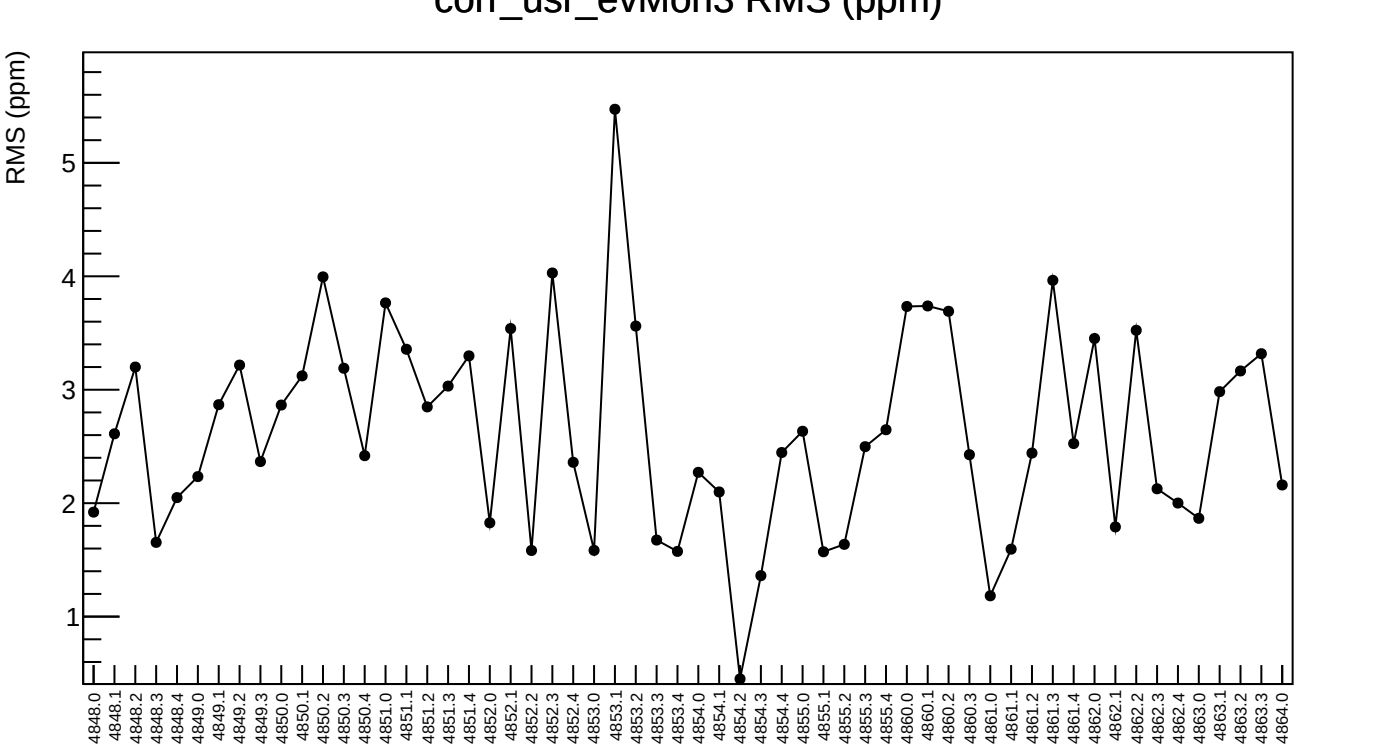

corr_usr_evMon1 RMS (ppm)
RMS (ppm)
90
85
80
75
70
65
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

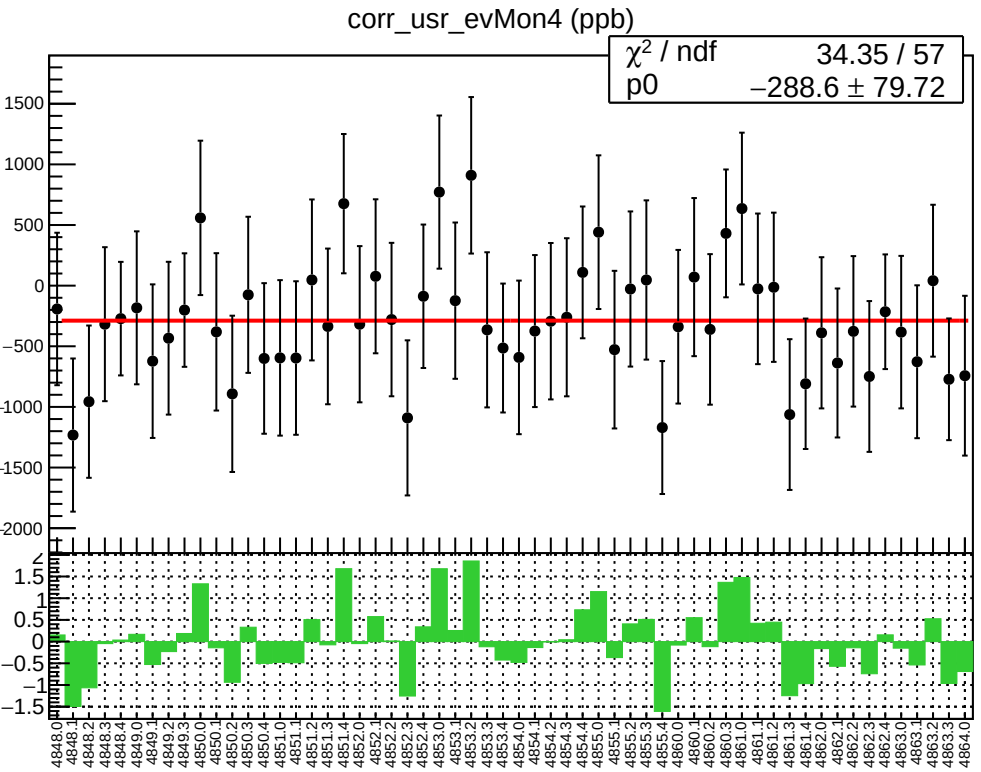

corr_usr_evMon2 (ppb)
χ² / ndf 154.8 / 57
p0 626.5 ± 341.3

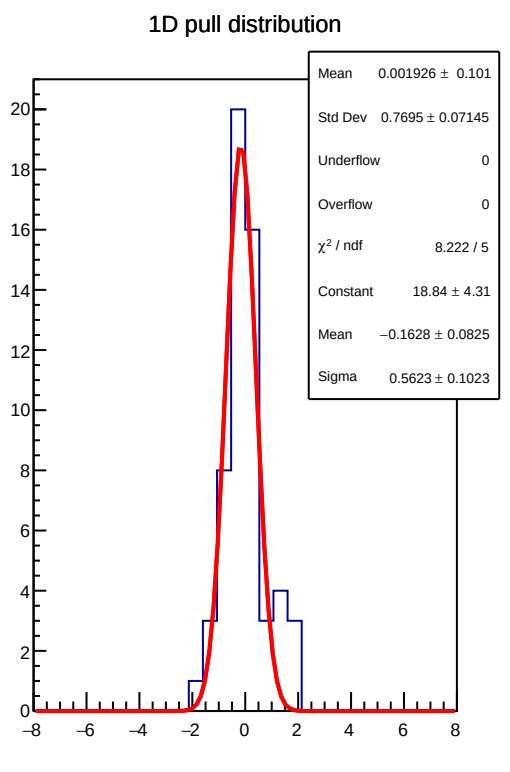

1D pull distribution
Mean −0.002387 ± 0.2145
Std Dev 1.633 ± 0.1517
Underflow 0
Overflow 0
χ² / ndf 13.8 / 11
Constant 5.815 ± 1.523
Mean 0.1508 ± 0.3829
Sigma 1.779 ± 0.554

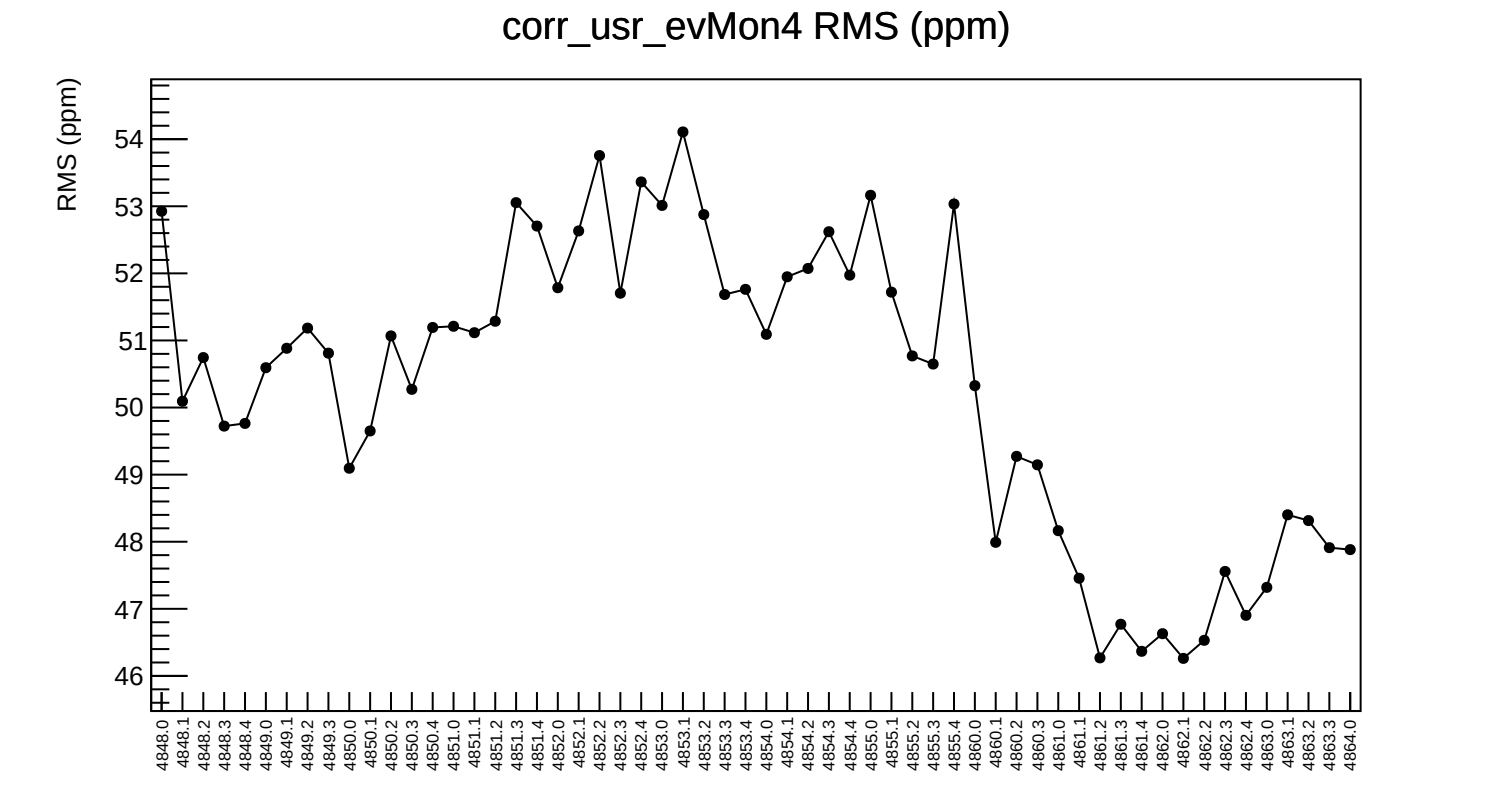

corr_usr_evMon2 RMS (ppm)
RMS (ppm)
550
500
450
400
350
300
250
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

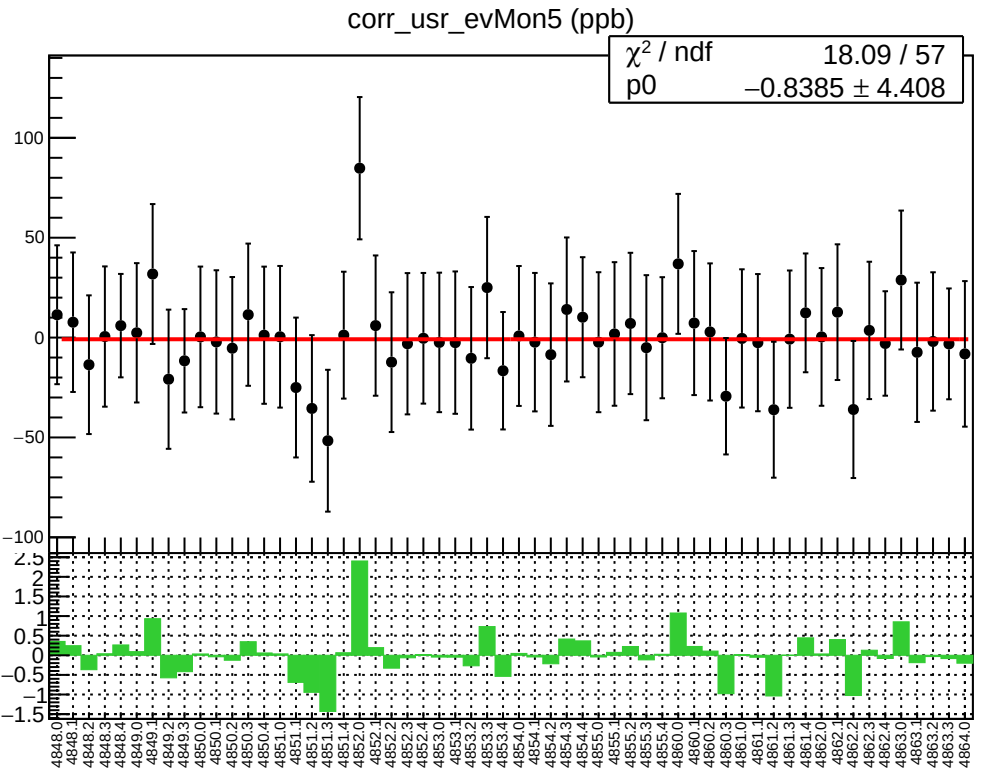

corr_usr_evMon3 (ppb)
χ² / ndf 1.659 / 57
p0 2.913 ± 20.55
1D pull distribution
Mean 0.003687 ± 0.0222
Std Dev 0.1691 ± 0.0157
Underflow 0
Overflow 0
χ² / ndf 4.896e−08 / 0
Constant 41.43 ± 8.17
Mean −0.04429 ± 0.05617
Sigma 0.3094 ± 0.0568

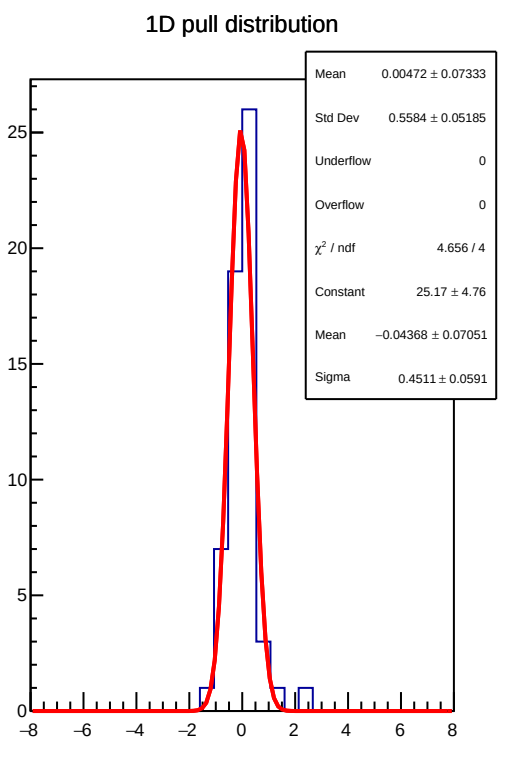

corr_usr_evMon3 RMS (ppm)
RMS (ppm)
1
2
3
4
5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

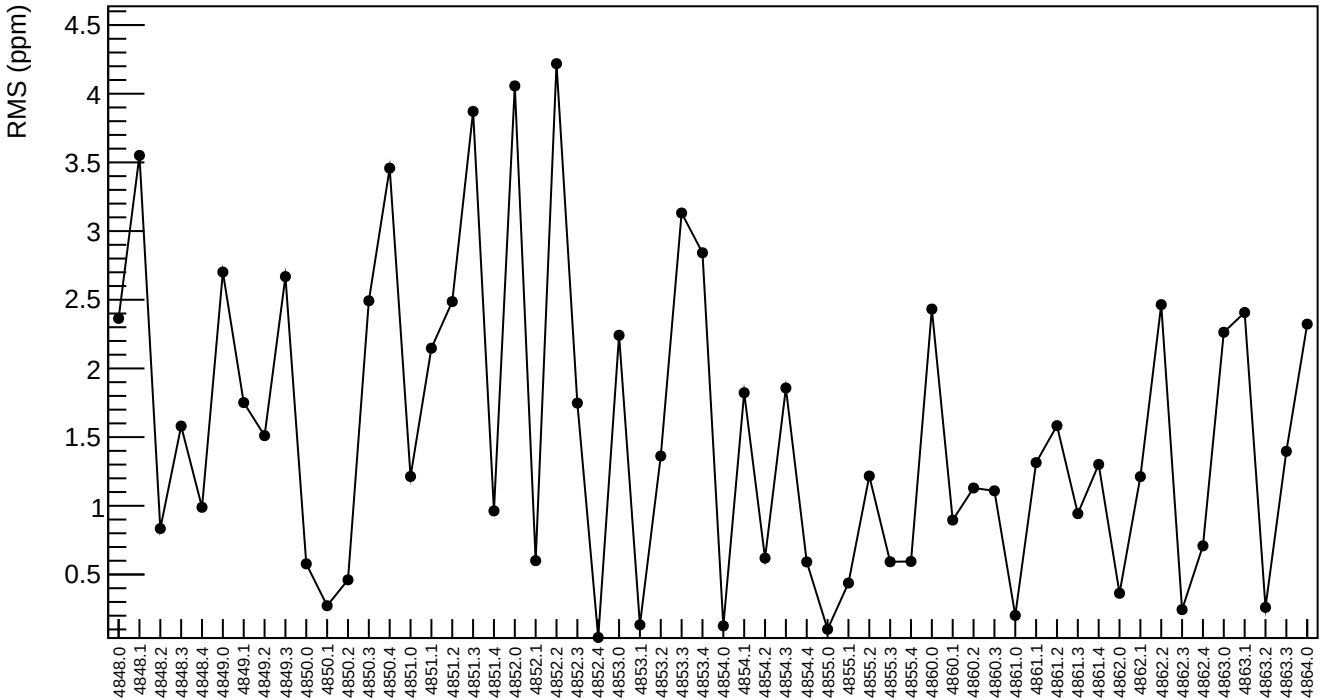

corr_usr_evMon4 (ppb)
χ² / ndf 34.35 / 57
p0 −288.6 ± 79.72

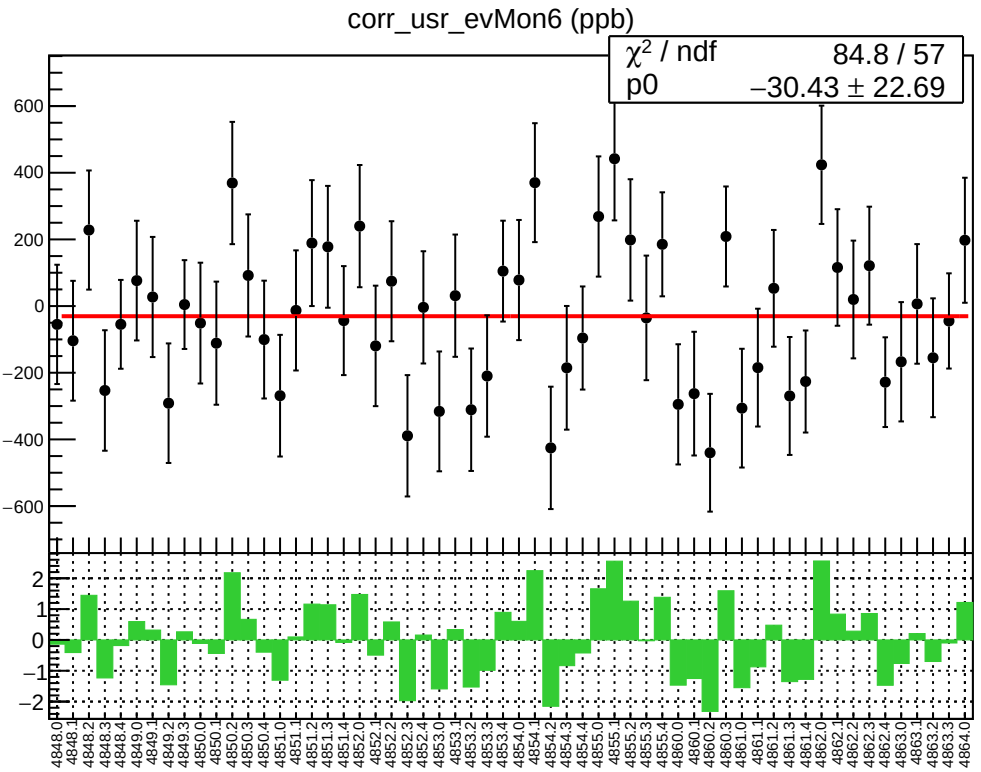

1D pull distribution
Mean 0.001926 ± 0.101
Std Dev 0.7695 ± 0.07145
Underflow 0
Overflow 0
χ² / ndf 8.222 / 5
Constant 18.84 ± 4.31
Mean −0.1628 ± 0.0825
Sigma 0.5623 ± 0.1023

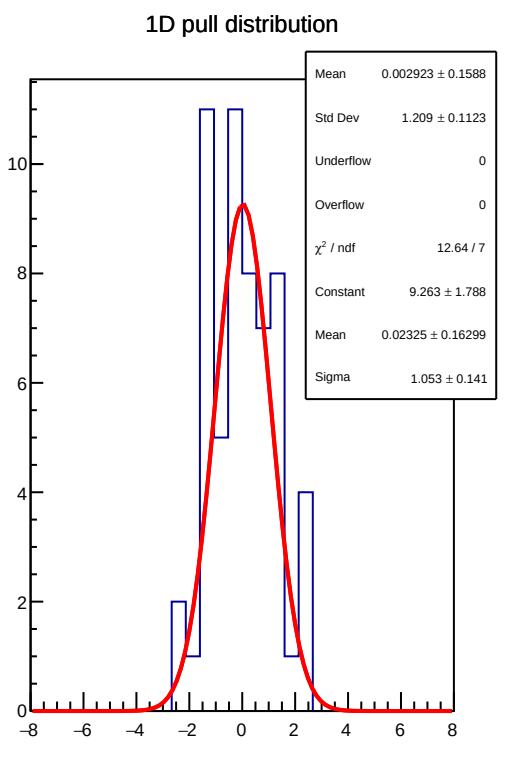

corr_usr_evMon4 RMS (ppm)
RMS (ppm)
54
53
52
51
50
49
48
47
46
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

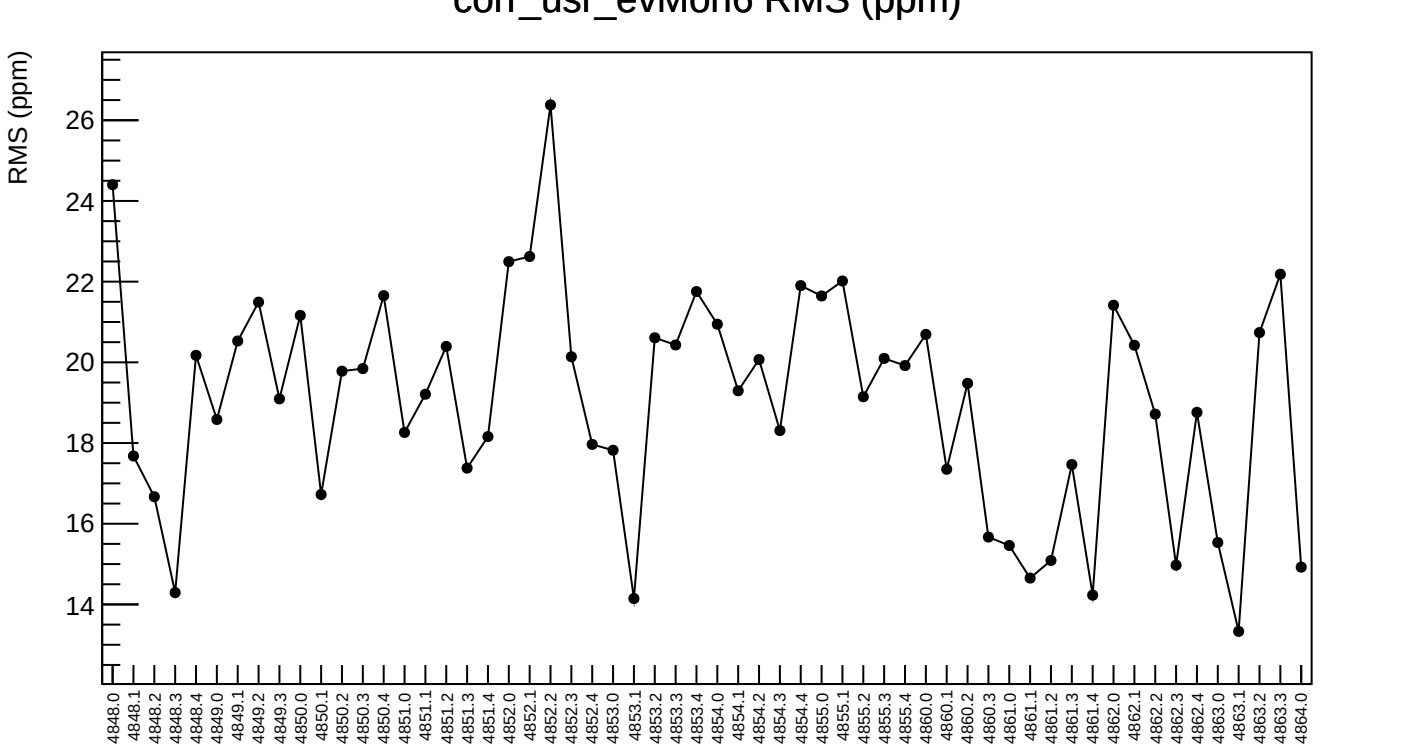

corr_usr_evMon5 (ppb)
χ² / ndf 18.09 / 57
p0 −0.8385 ± 4.408

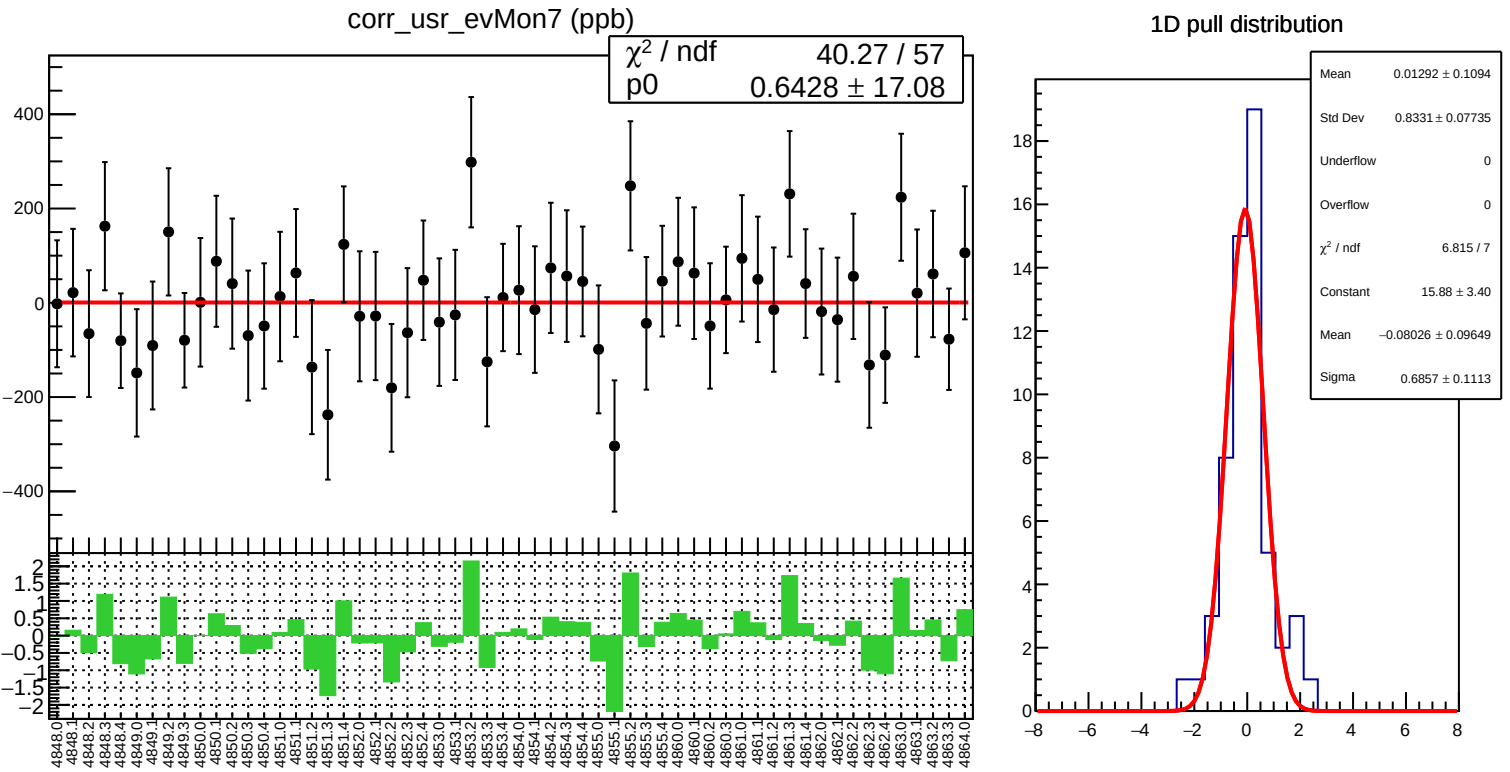

1D pull distribution
Mean 0.00472 ± 0.07333
Std Dev 0.5584 ± 0.05185
Underflow 0
Overflow 0
χ² / ndf 4.656 / 4
Constant 25.17 ± 4.76
Mean −0.04368 ± 0.07051
Sigma 0.4511 ± 0.0591

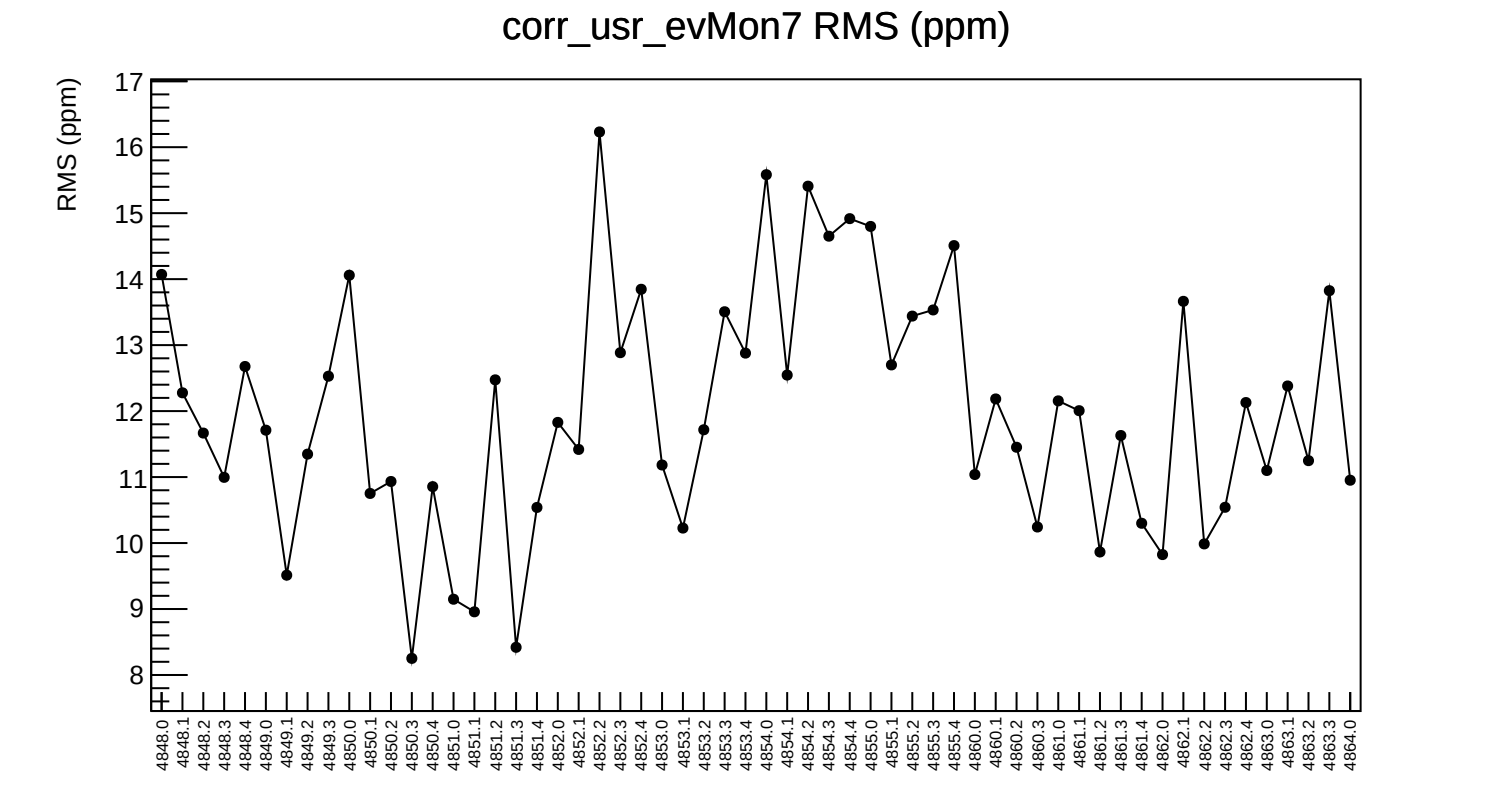

corr_usr_evMon5 RMS (ppm)
RMS (ppm)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

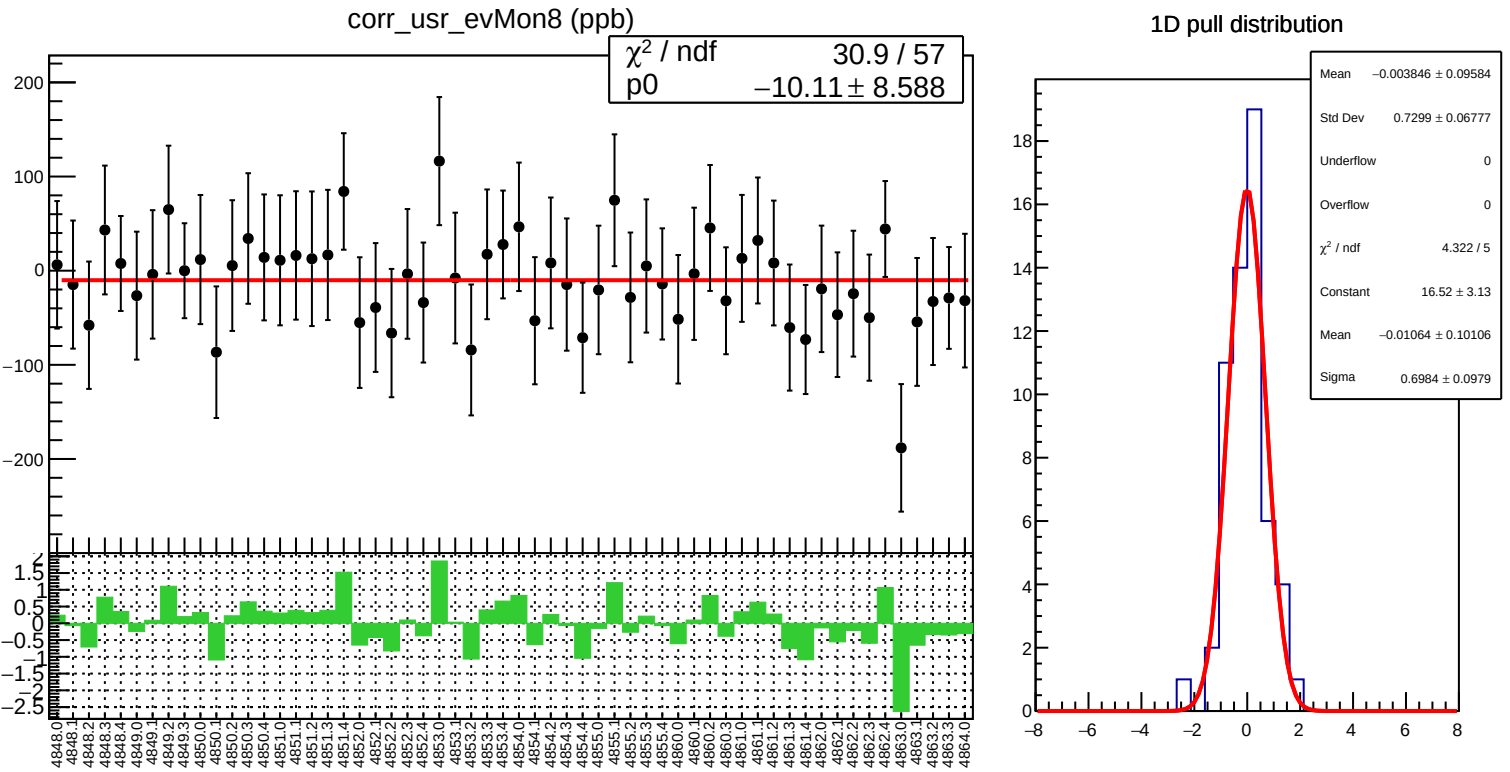

corr_usr_evMon6 (ppb)
χ² / ndf 84.8 / 57
p0 −30.43 ± 22.69
600
400
200
0
−200
−400
−600
2
1
0
−1
−2
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

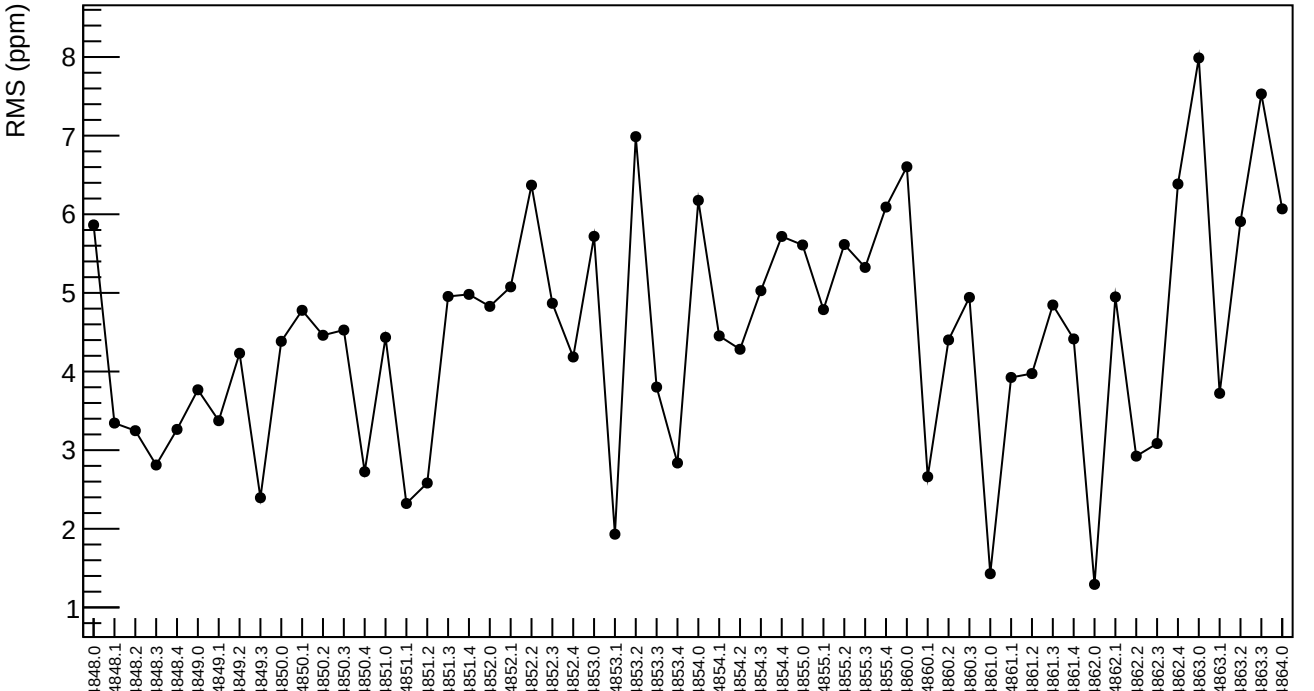

1D pull distribution
Mean 0.002923 ± 0.1588
Std Dev 1.209 ± 0.1123
Underflow 0
Overflow 0
χ² / ndf 12.64 / 7
Constant 9.263 ± 1.788
Mean 0.02325 ± 0.16299
Sigma 1.053 ± 0.141
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

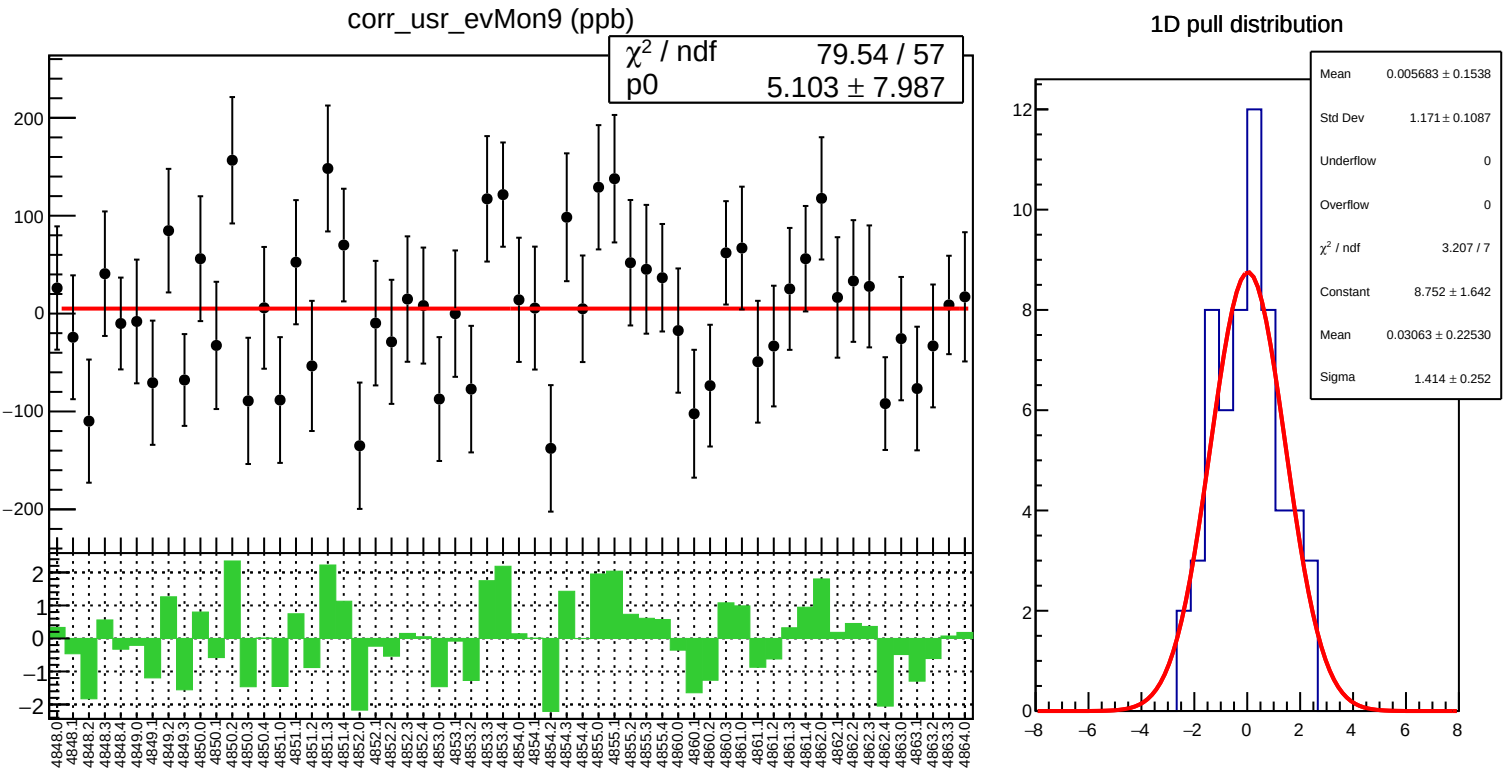

corr_usr_evMon6 RMS (ppm)
RMS (ppm)
26
24
22
20
18
16
14
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

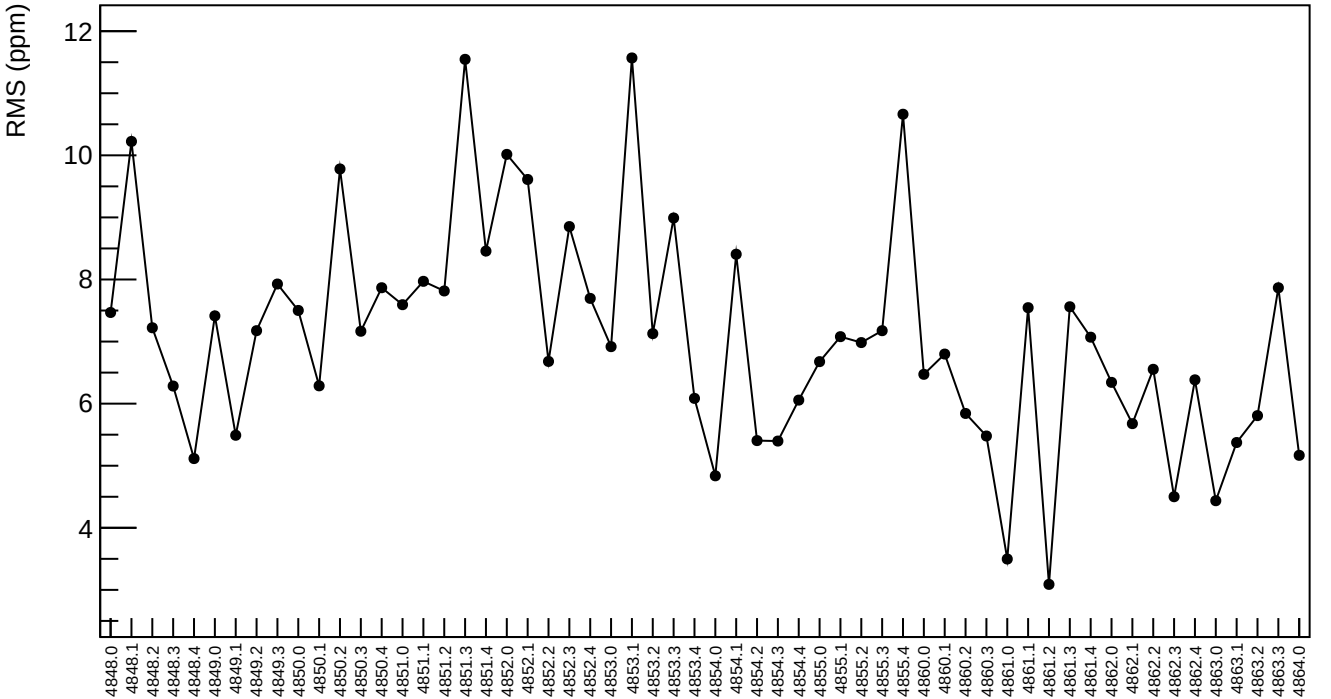

corr_usr_evMon7 (ppb)
χ² / ndf 40.27 / 57
p0 0.6428 ± 17.08
1D pull distribution
Mean 0.01292 ± 0.1094
Std Dev 0.8331 ± 0.07735
Underflow 0
Overflow 0
χ² / ndf 6.815 / 7
Constant 15.88 ± 3.40
Mean −0.08026 ± 0.09649
Sigma 0.6857 ± 0.1113

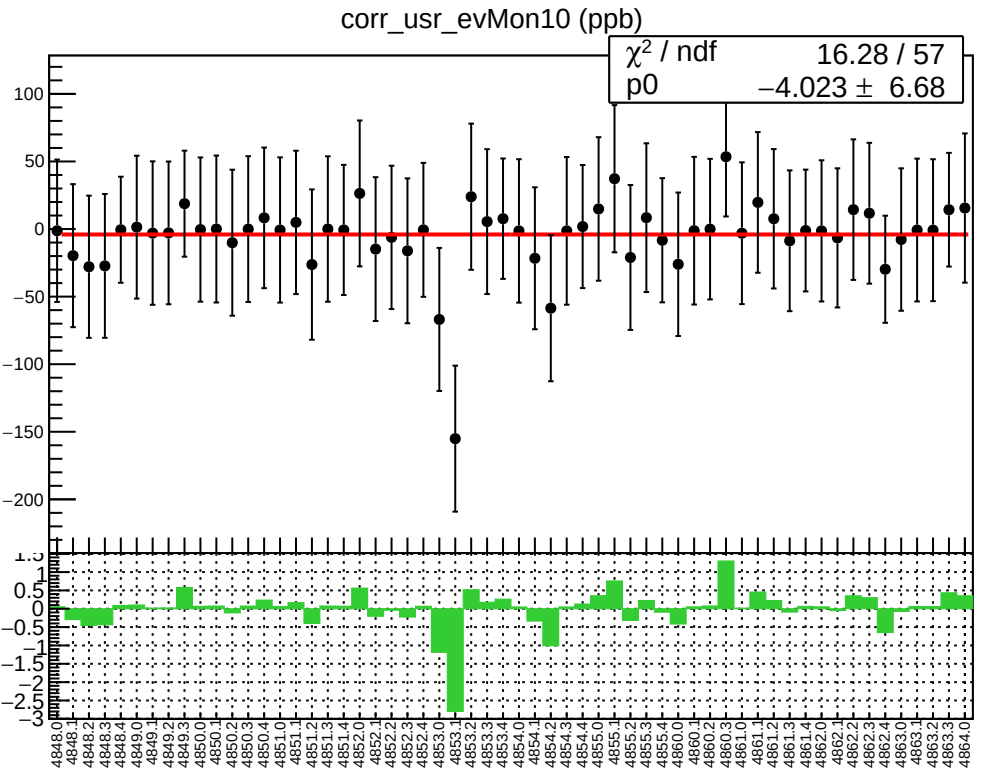

corr_usr_evMon7 RMS (ppm)
RMS (ppm)
17
16
15
14
13
12
11
10
9
8
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

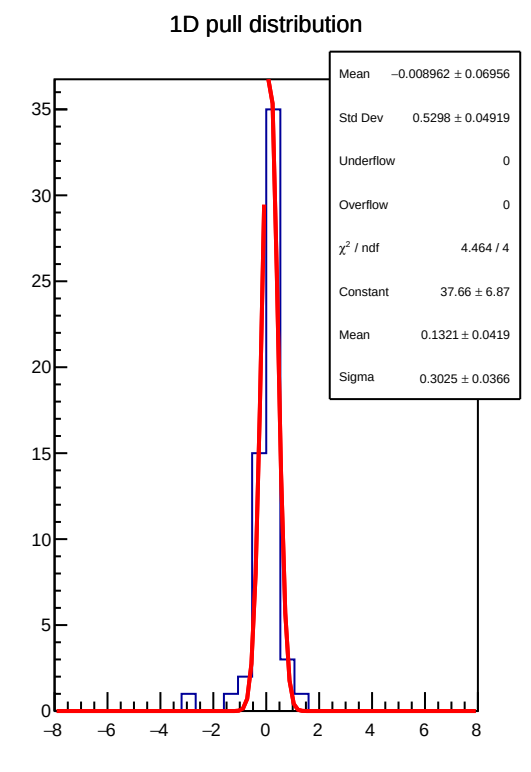

corr_usr_evMon8 (ppb)
χ² / ndf 30.9 / 57
p0 −10.11 ± 8.588
1D pull distribution
Mean −0.003846 ± 0.09584
Std Dev 0.7299 ± 0.06777
Underflow 0
Overflow 0
χ² / ndf 4.322 / 5
Constant 16.52 ± 3.13
Mean −0.01064 ± 0.10106
Sigma 0.6984 ± 0.0979

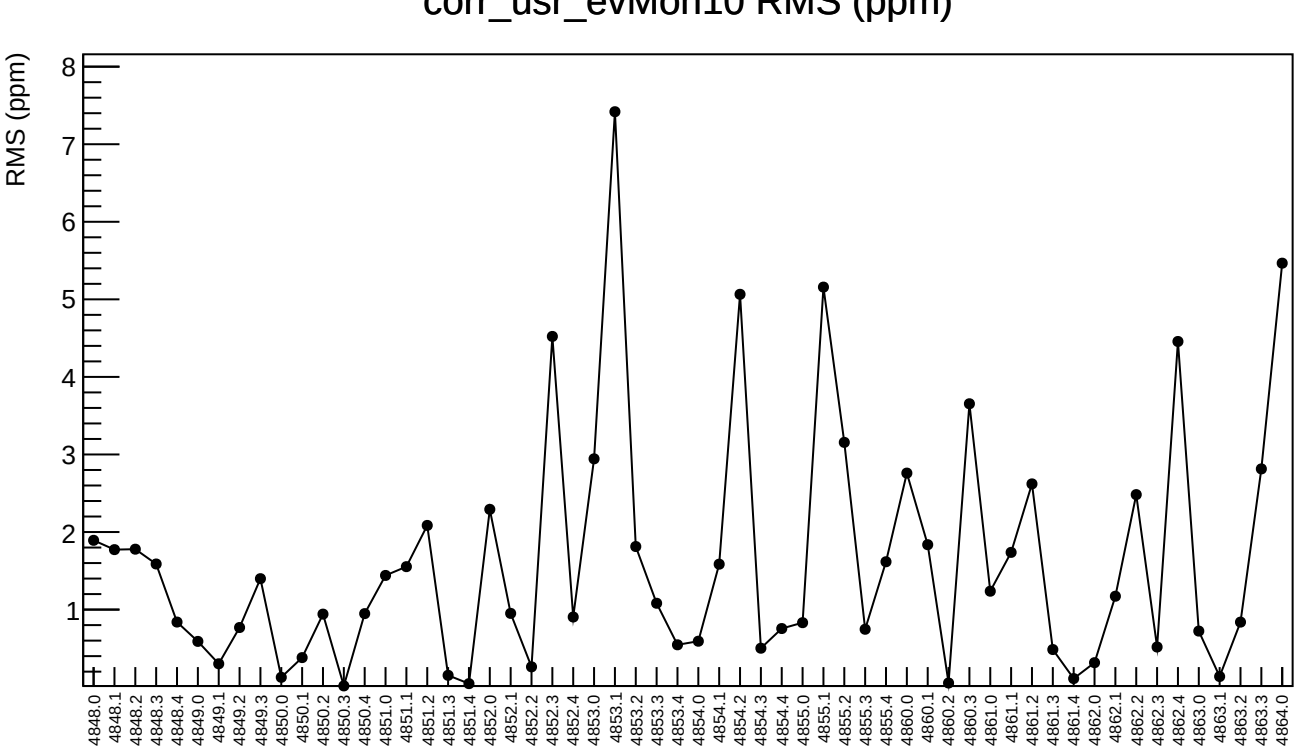

corr_usr_evMon8 RMS (ppm)
RMS (ppm)
1
2
3
4
5
6
7
8
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0

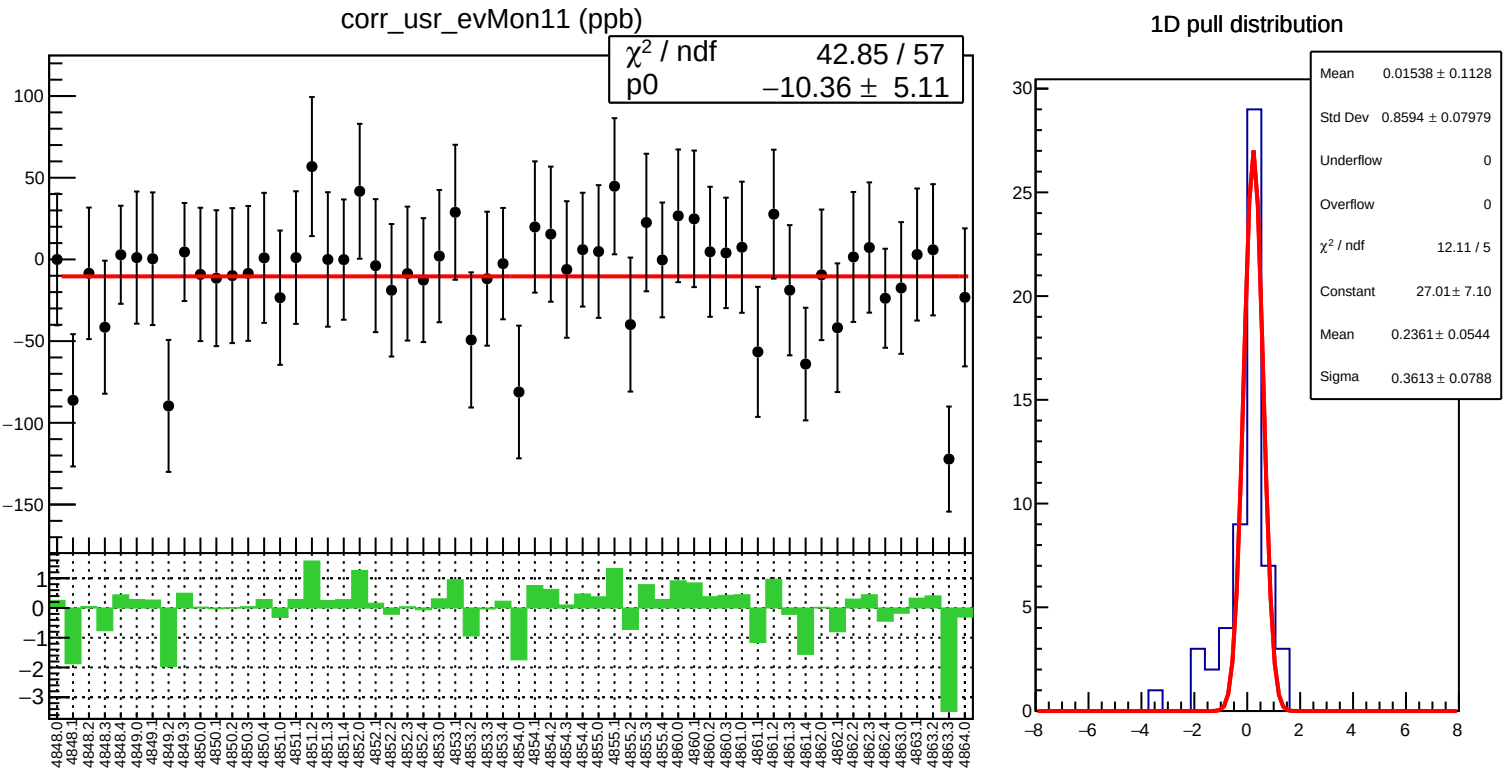

corr_usr_evMon9 (ppb)
χ² / ndf 79.54 / 57
p0 5.103 ± 7.987
1D pull distribution
Mean 0.005683 ± 0.1538
Std Dev 1.171 ± 0.1087
Underflow 0
Overflow 0
χ² / ndf 3.207 / 7
Constant 8.752 ± 1.642
Mean 0.03063 ± 0.22530
Sigma 1.414 ± 0.252

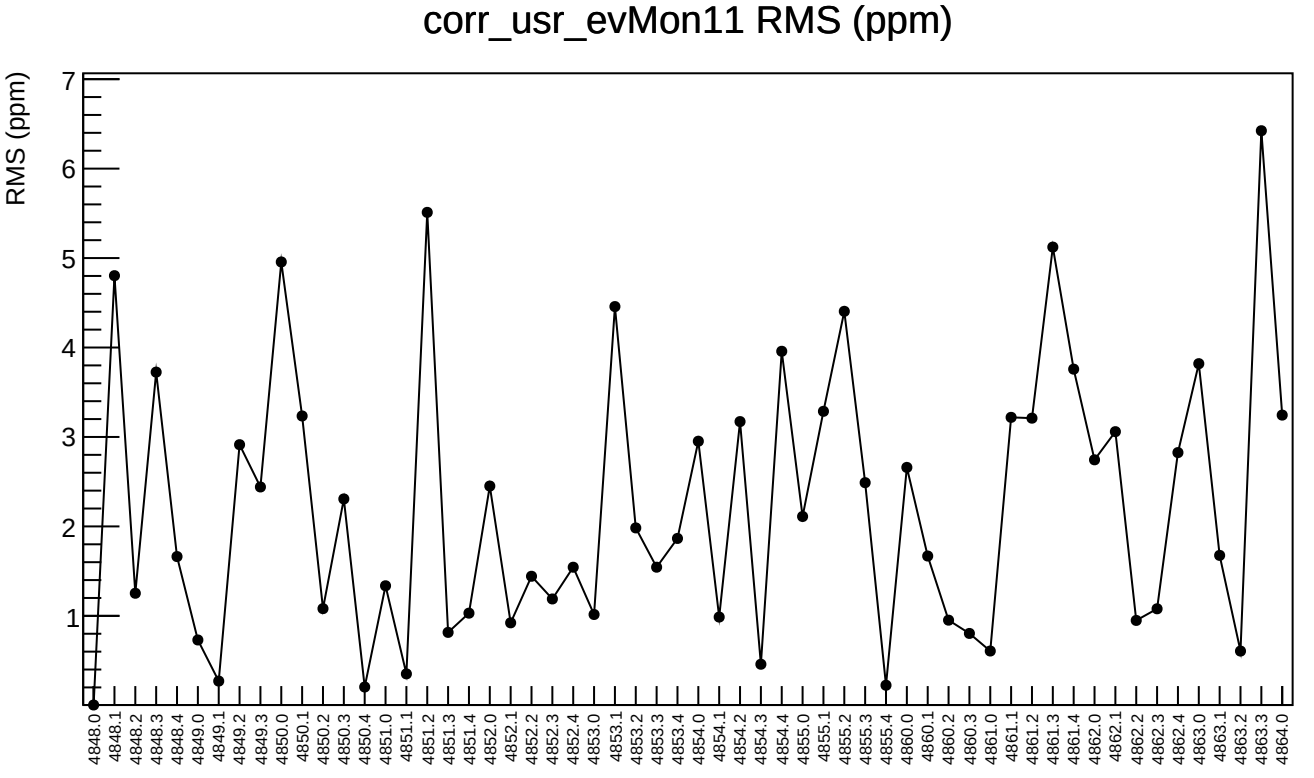

corr_usr_evMon9 RMS (ppm)
RMS (ppm)
12
10
8
6
4
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0


corr_usr_evMon10 (ppb)
χ² / ndf 16.28 / 57
p0 −4.023 ± 6.68


1D pull distribution
Mean −0.008962 ± 0.06956
Std Dev 0.5298 ± 0.04919
Underflow 0
Overflow 0
χ² / ndf 4.464 / 4
Constant 37.66 ± 6.87
Mean 0.1321 ± 0.0419
Sigma 0.3025 ± 0.0366


corr_usr_evMon10 RMS (ppm)
RMS (ppm)
8
7
6
5
4
3
2
1
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0


corr_usr_evMon11 (ppb)
χ² / ndf 42.85 / 57
p0 −10.36 ± 5.11
100
50
0
−50
−100
−150
1
0
−1
−2
−3
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0
1D pull distribution
Mean 0.01538 ± 0.1128
Std Dev 0.8594 ± 0.07979
Underflow 0
Overflow 0
χ² / ndf 12.11 / 5
Constant 27.01 ± 7.10
Mean 0.2361 ± 0.0544
Sigma 0.3613 ± 0.0788
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8


corr_usr_evMon11 RMS (ppm)
RMS (ppm)
7
6
5
4
3
2
1
4848.0
4848.1
4848.2
4848.3
4848.4
4849.0
4849.1
4849.2
4849.3
4850.0
4850.1
4850.2
4850.3
4850.4
4851.0
4851.1
4851.2
4851.3
4851.4
4852.0
4852.1
4852.2
4852.3
4852.4
4853.0
4853.1
4853.2
4853.3
4853.4
4854.0
4854.1
4854.2
4854.3
4854.4
4855.0
4855.1
4855.2
4855.3
4855.4
4860.0
4860.1
4860.2
4860.3
4861.0
4861.1
4861.2
4861.3
4861.4
4862.0
4862.1
4862.2
4862.3
4862.4
4863.0
4863.1
4863.2
4863.3
4864.0