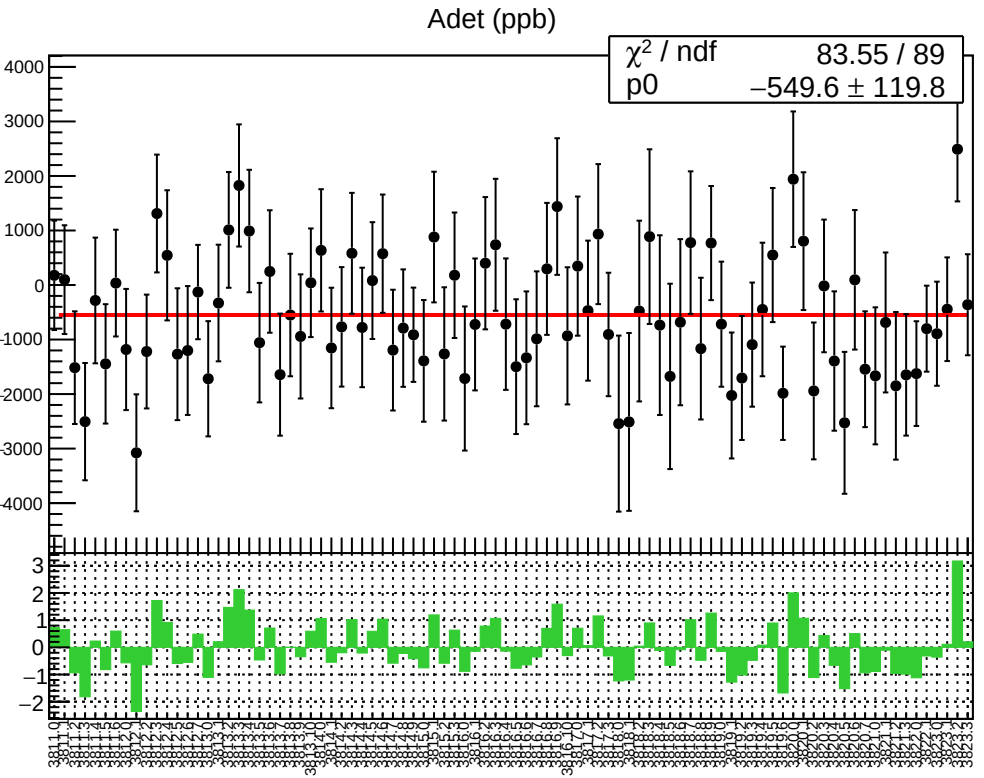
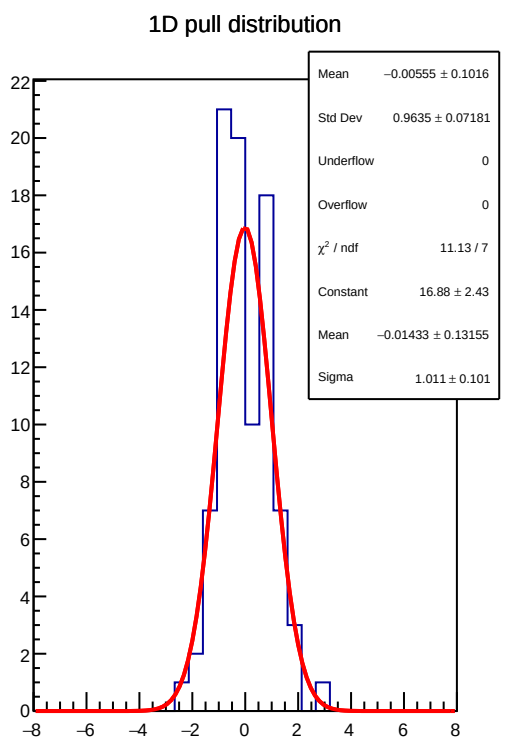
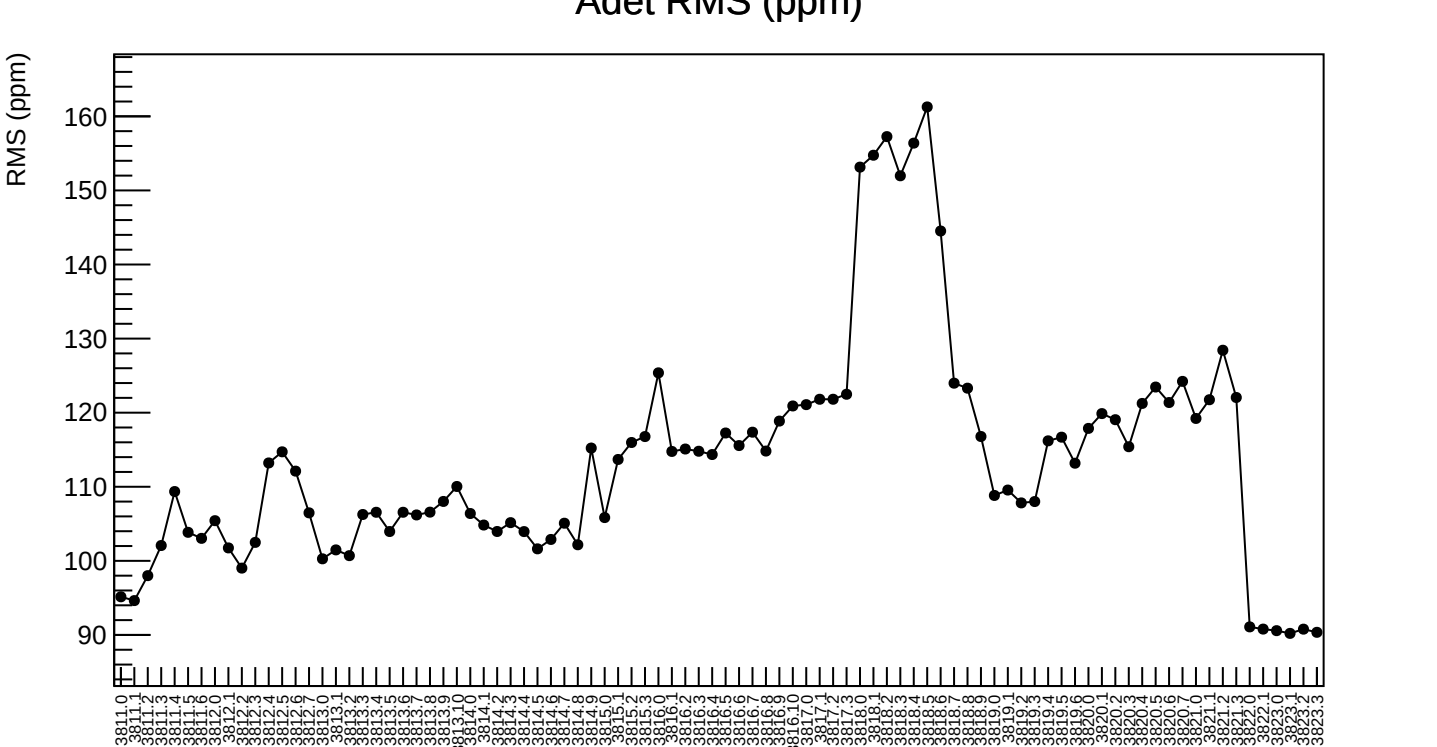
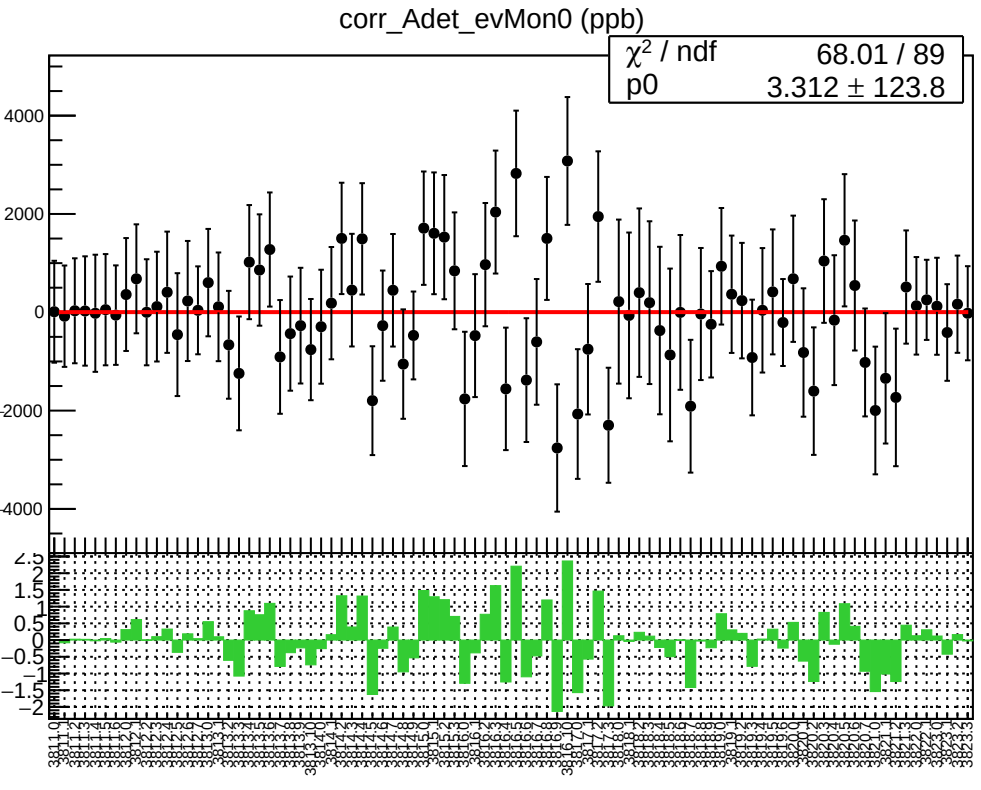
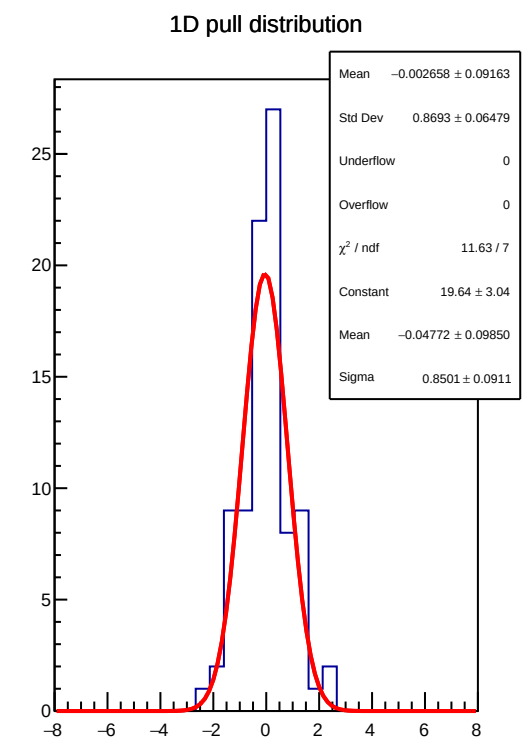
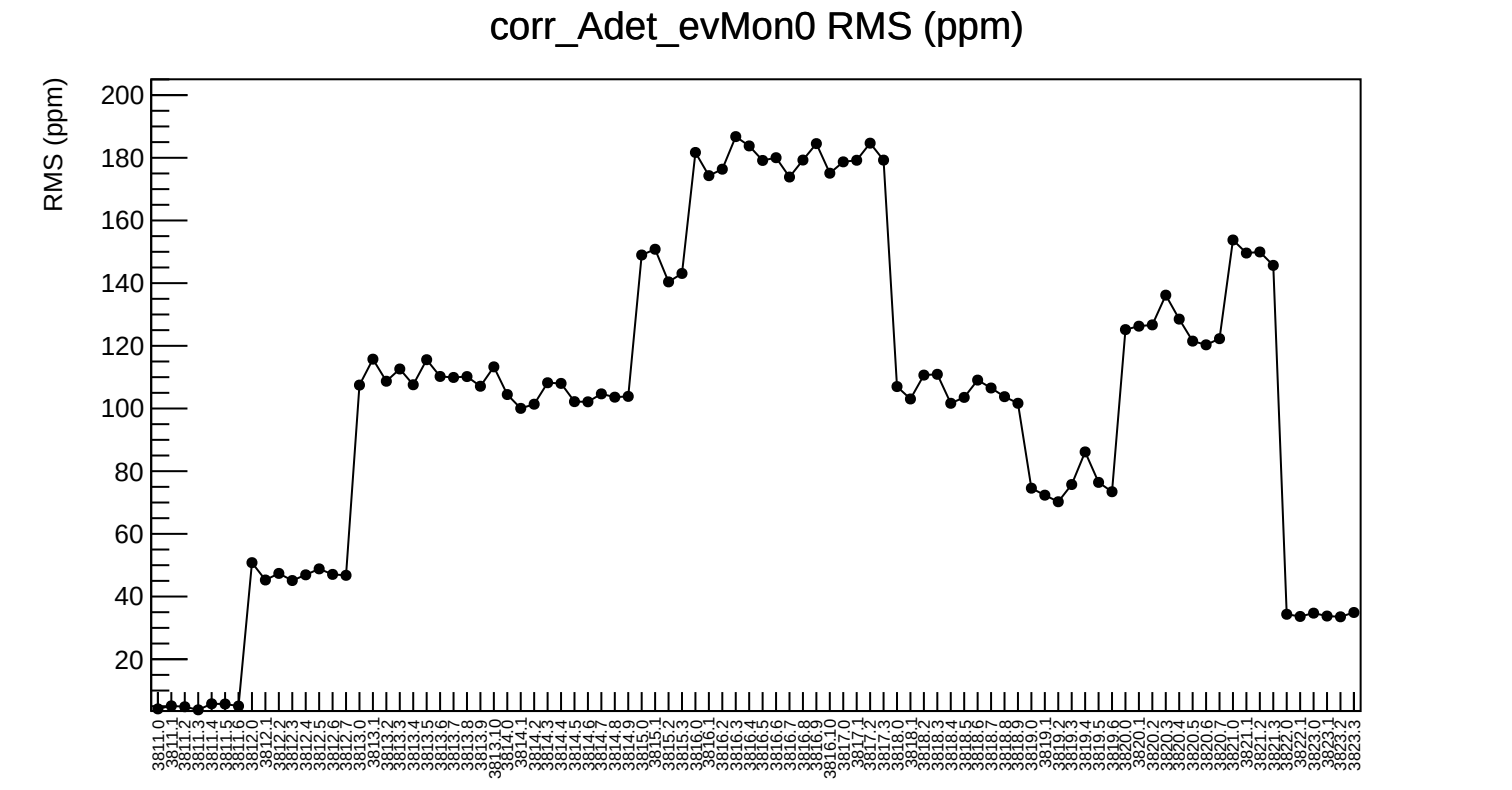

Adet (ppb)
χ² / ndf 83.55 / 89
p0 −549.6 ± 119.8

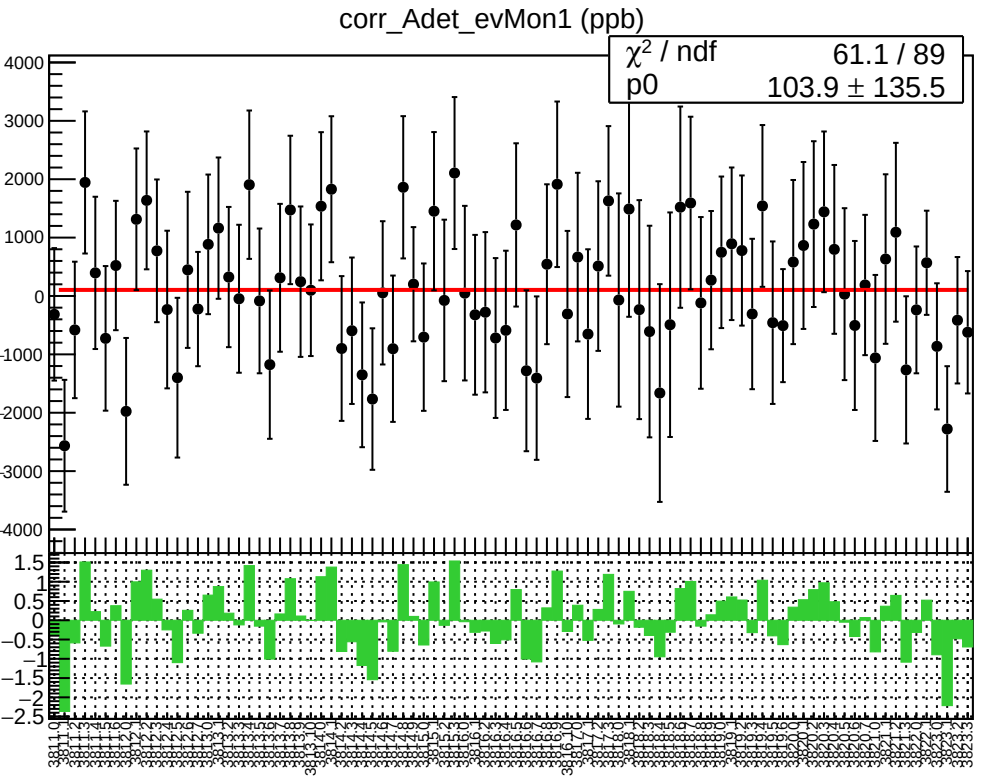

1D pull distribution
Mean −0.00555 ± 0.1016
Std Dev 0.9635 ± 0.07181
Underflow 0
Overflow 0
χ² / ndf 11.13 / 7
Constant 16.88 ± 2.43
Mean −0.01433 ± 0.13155
Sigma 1.011 ± 0.101

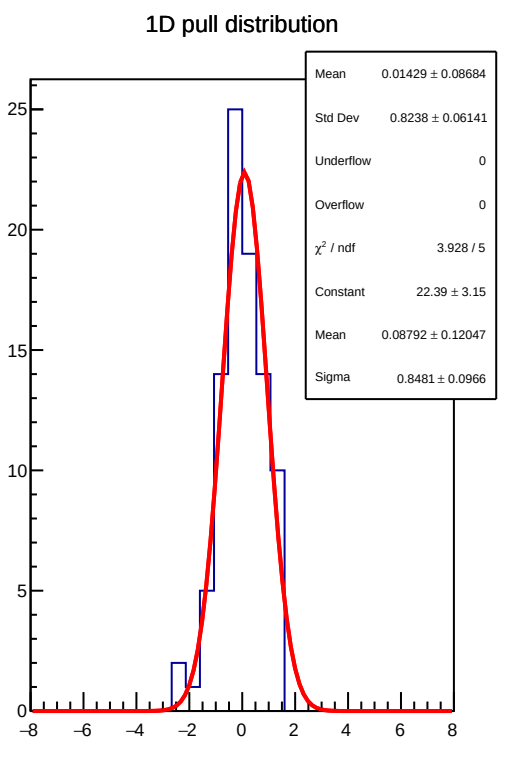

Adet RMS (ppm)
RMS (ppm)
90
100
110
120
130
140
150
160
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.0
3823.1
3823.2
3823.3

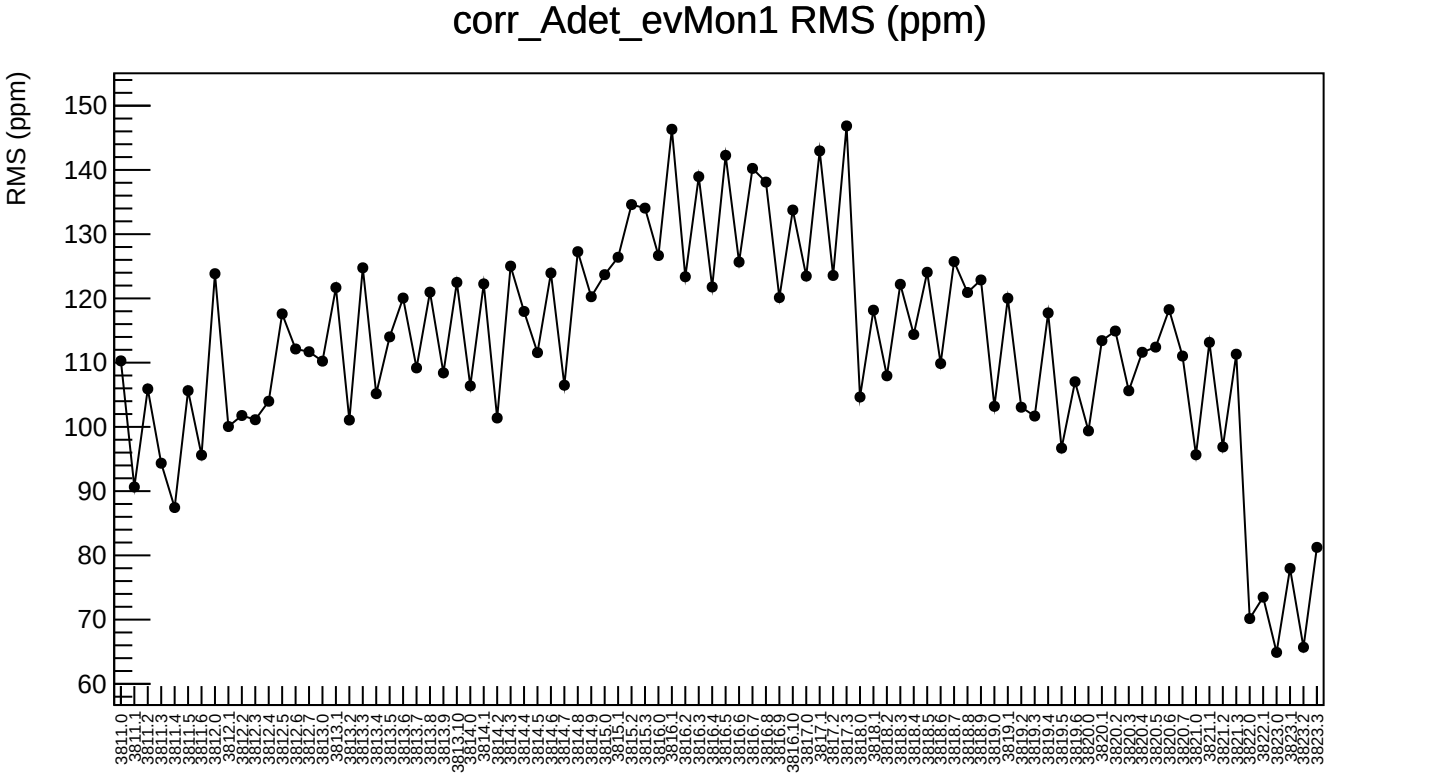

corr_Adet_evMon0 (ppb)
χ² / ndf 68.01 / 89
p0 3.312 ± 123.8

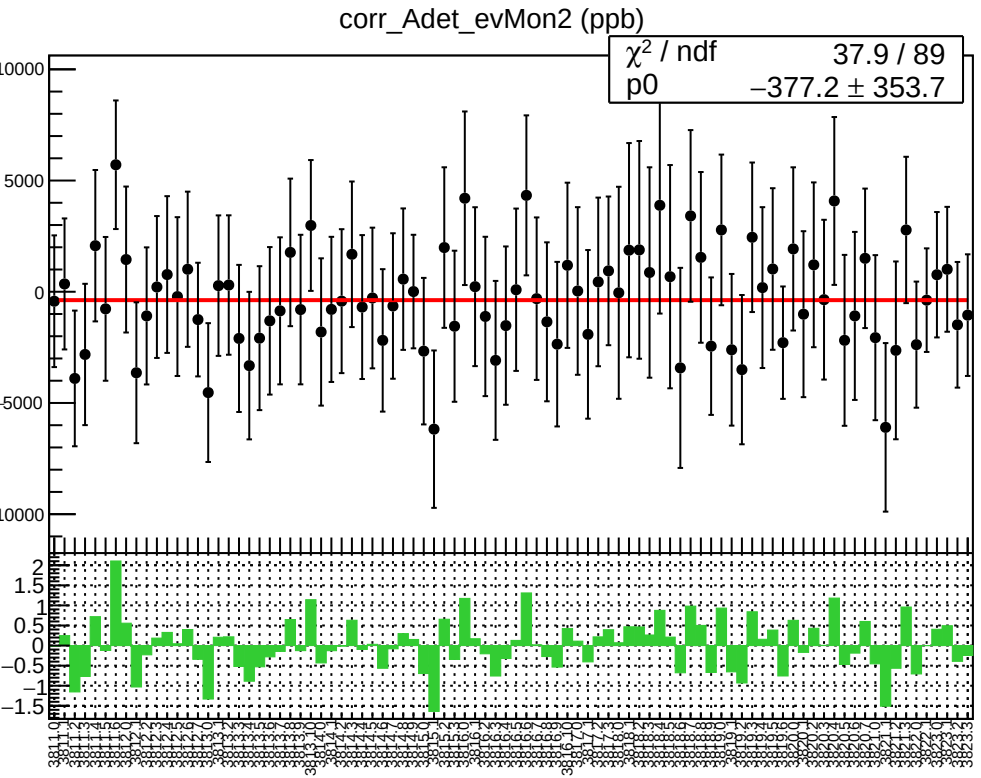

1D pull distribution
Mean −0.002658 ± 0.09163
Std Dev 0.8693 ± 0.06479
Underflow 0
Overflow 0
χ² / ndf 11.63 / 7
Constant 19.64 ± 3.04
Mean −0.04772 ± 0.09850
Sigma 0.8501 ± 0.0911

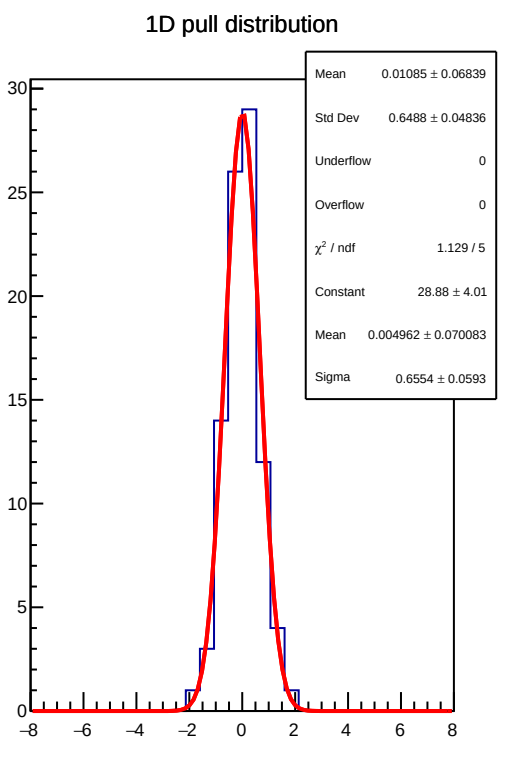

corr_Adet_evMon0 RMS (ppm)
RMS (ppm)
200
180
160
140
120
100
80
60
40
20
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.0
3823.1
3823.2
3823.3

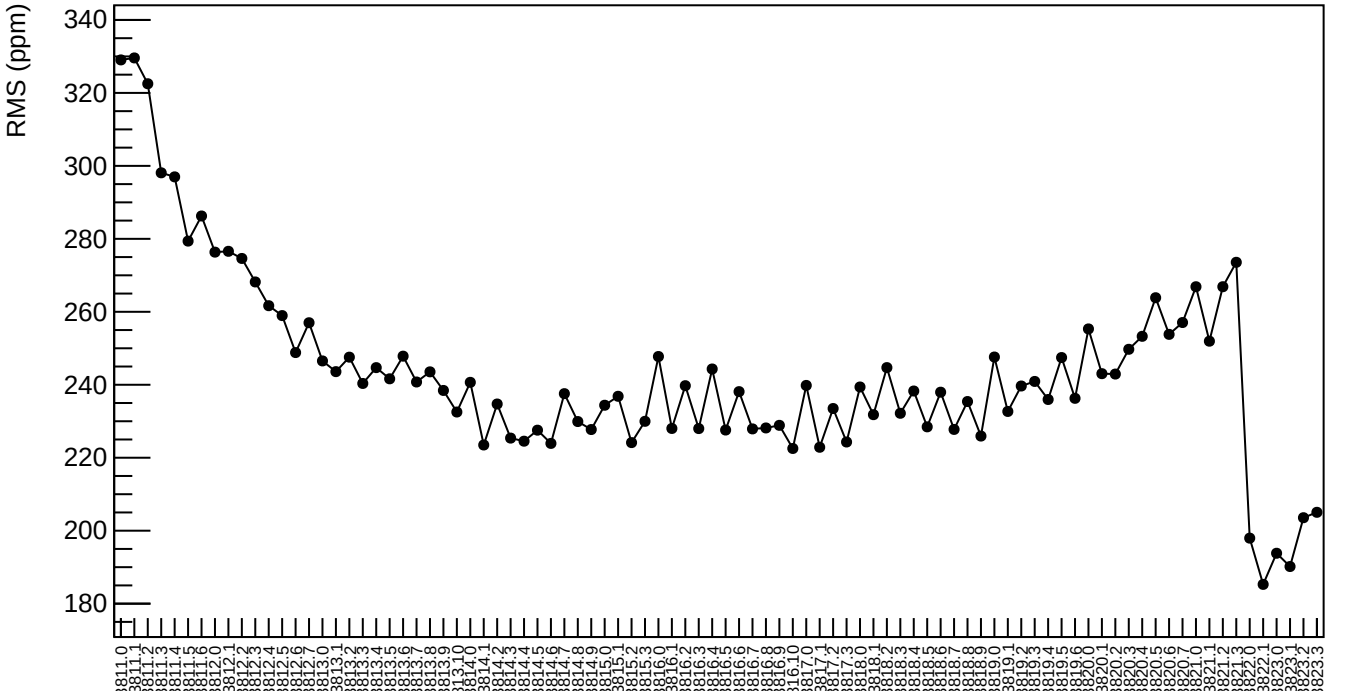

corr_Adet_evMon1 (ppb)
χ² / ndf 61.1 / 89
p0 103.9 ± 135.5

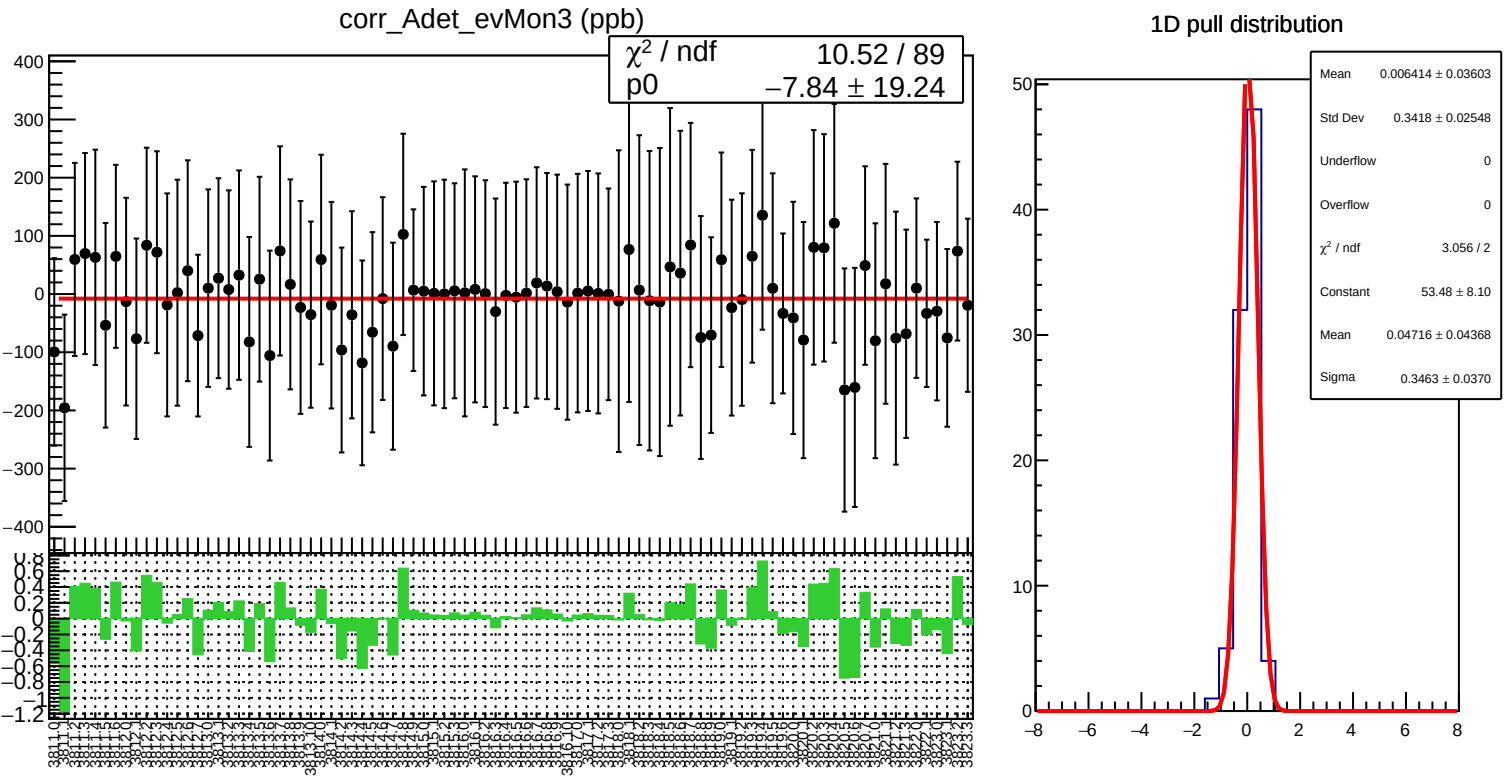

1D pull distribution
Mean 0.01429 ± 0.08684
Std Dev 0.8238 ± 0.06141
Underflow 0
Overflow 0
χ² / ndf 3.928 / 5
Constant 22.39 ± 3.15
Mean 0.08792 ± 0.12047
Sigma 0.8481 ± 0.0966

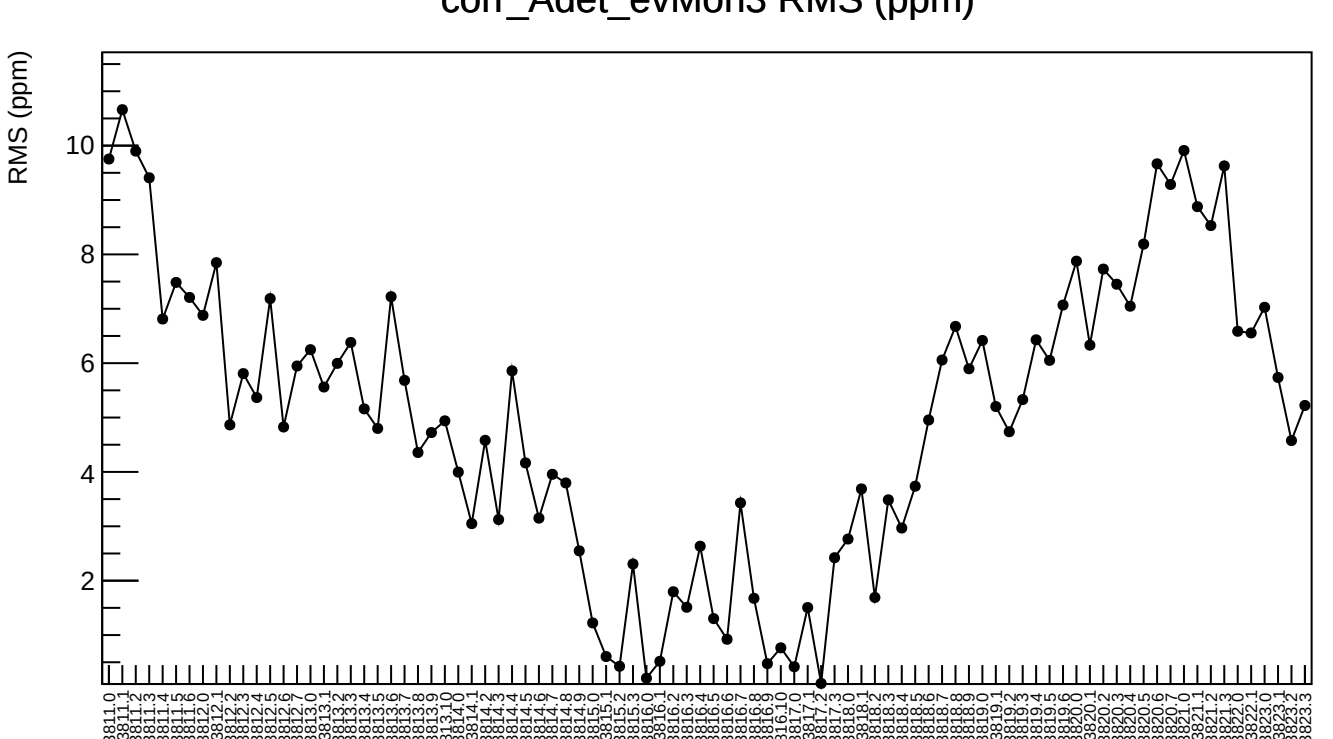

corr_Adet_evMon1 RMS (ppm)
RMS (ppm)
150
140
130
120
110
100
90
80
70
60
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

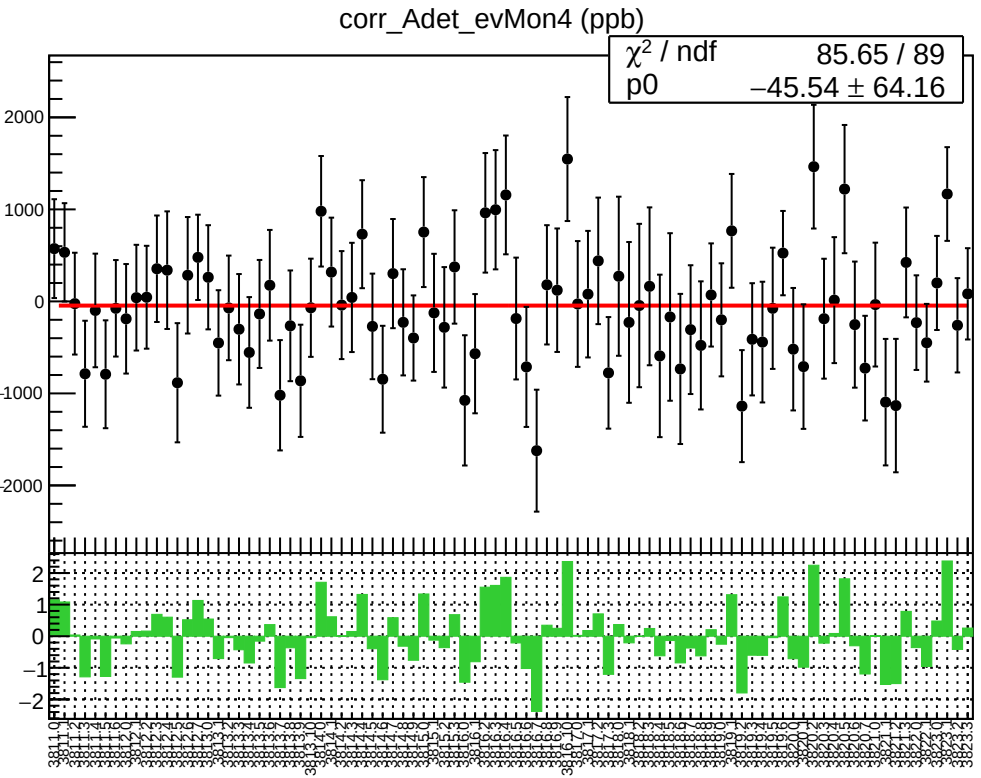

corr_Adet_evMon2 (ppb)
χ² / ndf 37.9 / 89
p0 −377.2 ± 353.7
10000
5000
0
−5000
−10000
2
1.5
1
0.5
0
−0.5
−1
−1.5

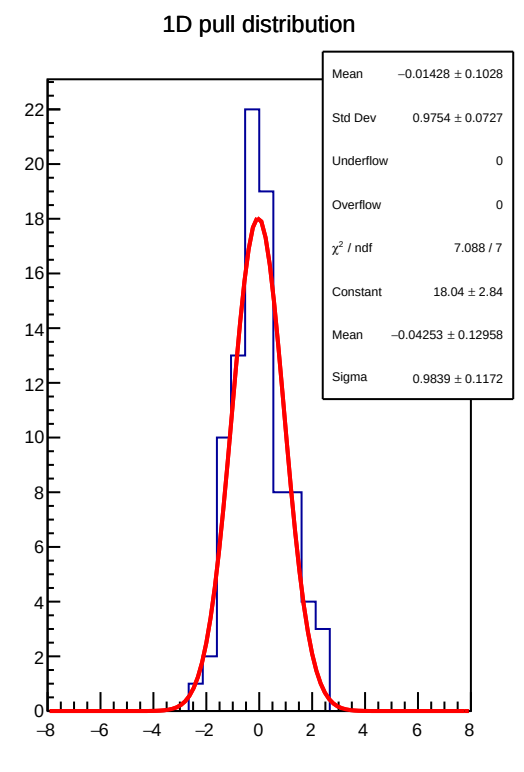

1D pull distribution
Mean 0.01085 ± 0.06839
Std Dev 0.6488 ± 0.04836
Underflow 0
Overflow 0
χ² / ndf 1.129 / 5
Constant 28.88 ± 4.01
Mean 0.004962 ± 0.070083
Sigma 0.6554 ± 0.0593
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

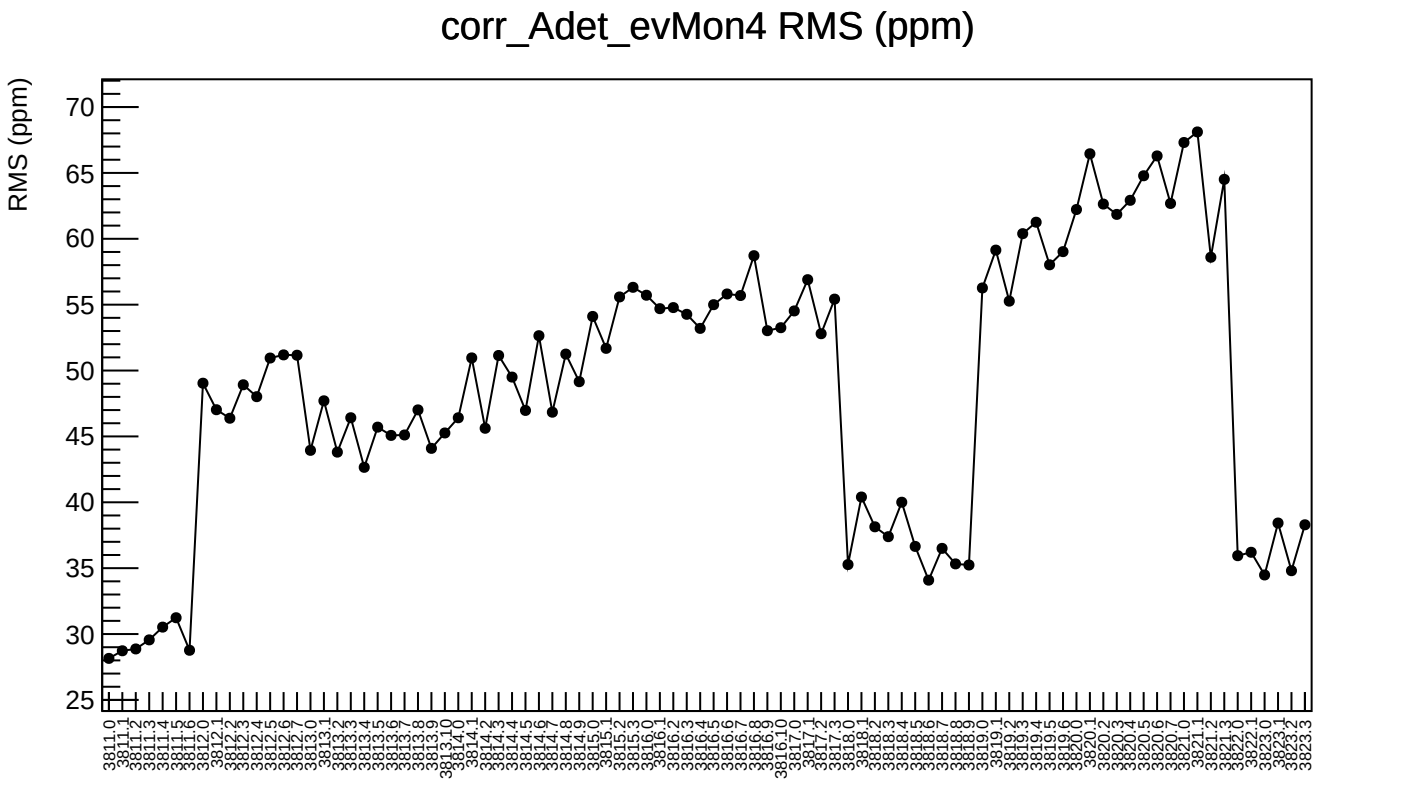

corr_Adet_evMon2 RMS (ppm)
RMS (ppm)
340
320
300
280
260
240
220
200
180
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

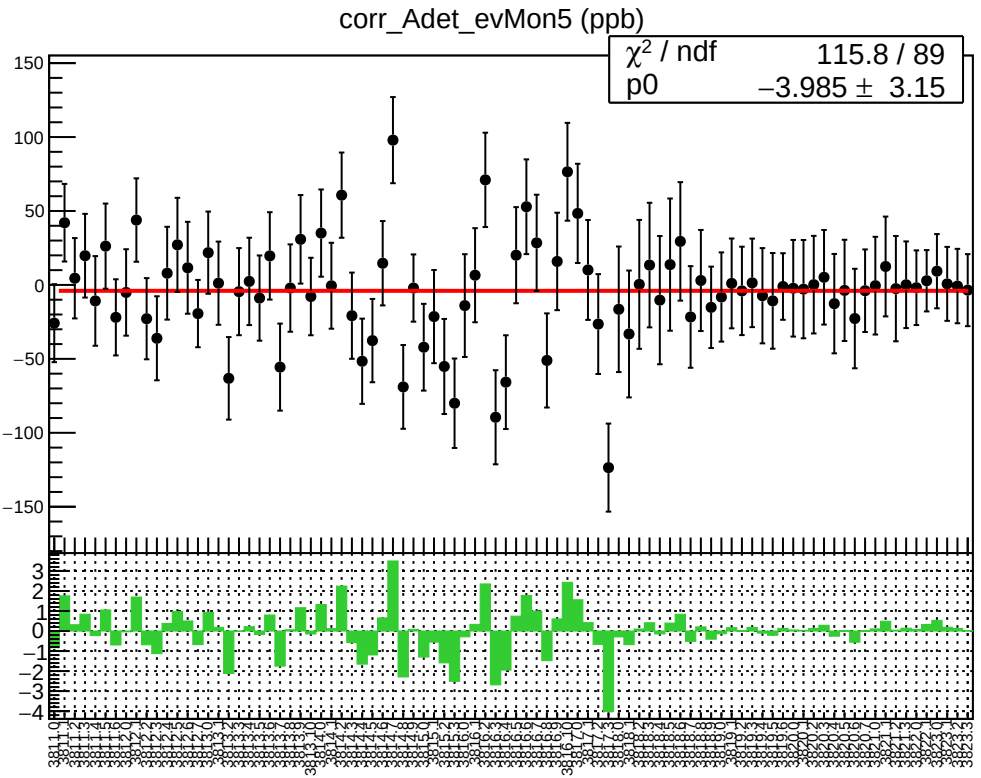

corr_Adet_evMon3 (ppb)
χ² / ndf 10.52 / 89
p0 −7.84 ± 19.24
1D pull distribution
Mean 0.006414 ± 0.03603
Std Dev 0.3418 ± 0.02548
Underflow 0
Overflow 0
χ² / ndf 3.056 / 2
Constant 53.48 ± 8.10
Mean 0.04716 ± 0.04368
Sigma 0.3463 ± 0.0370

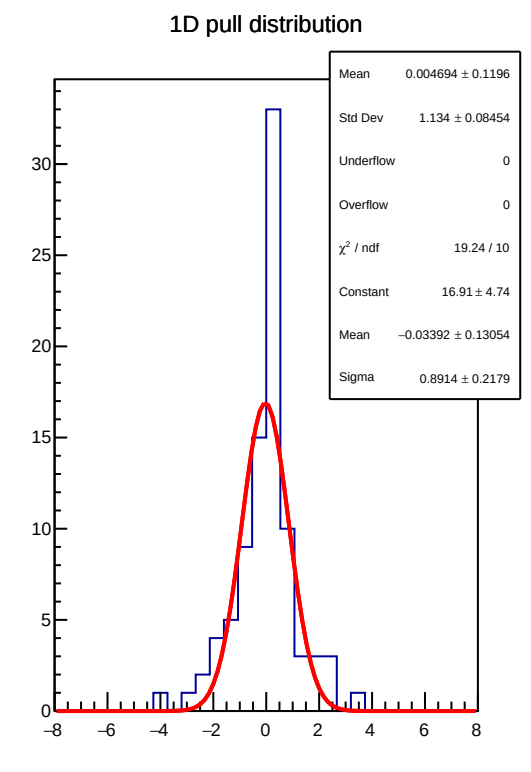

corr_Adet_evMon3 RMS (ppm)
RMS (ppm)
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

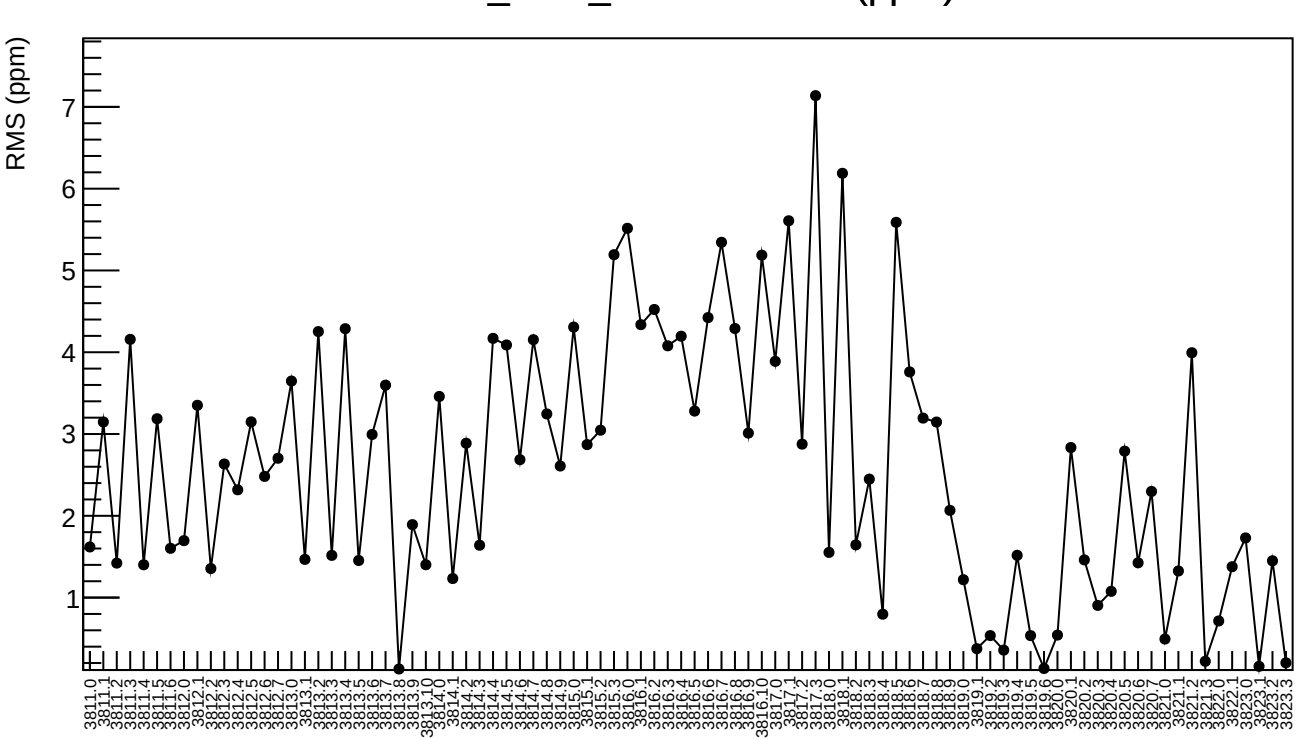

corr_Adet_evMon4 (ppb)
χ² / ndf 85.65 / 89
p0 −45.54 ± 64.16
2000
1000
0
-1000
-2000
2
1
0
−1
−2

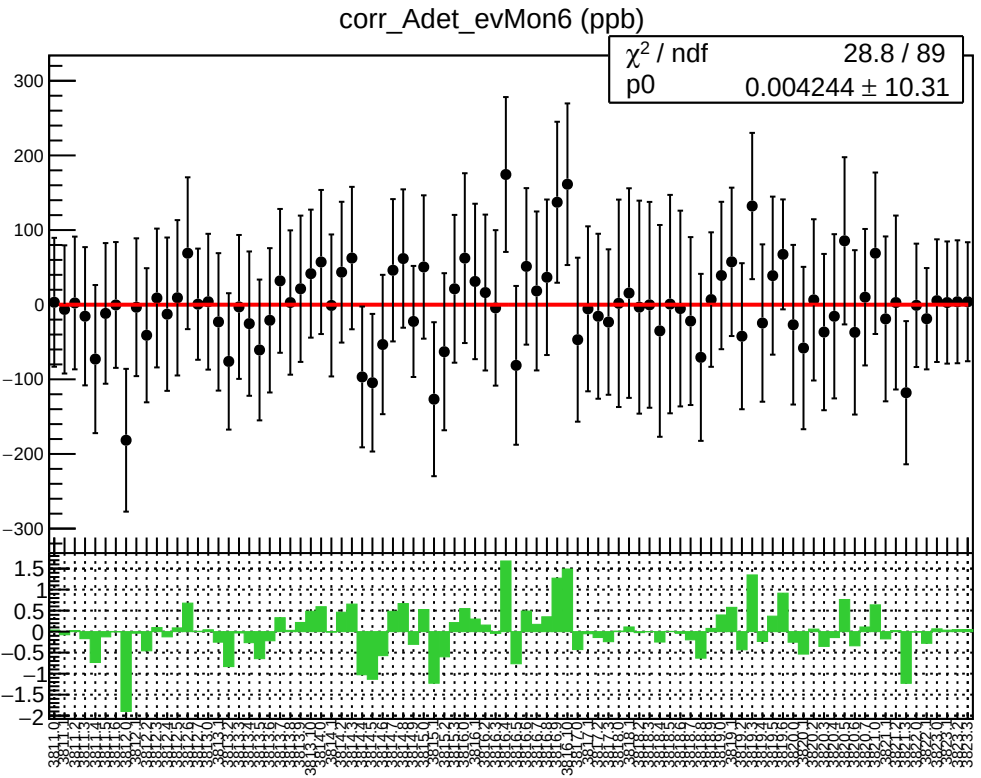

1D pull distribution
Mean −0.01428 ± 0.1028
Std Dev 0.9754 ± 0.0727
Underflow 0
Overflow 0
χ² / ndf 7.088 / 7
Constant 18.04 ± 2.84
Mean −0.04253 ± 0.12958
Sigma 0.9839 ± 0.1172
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

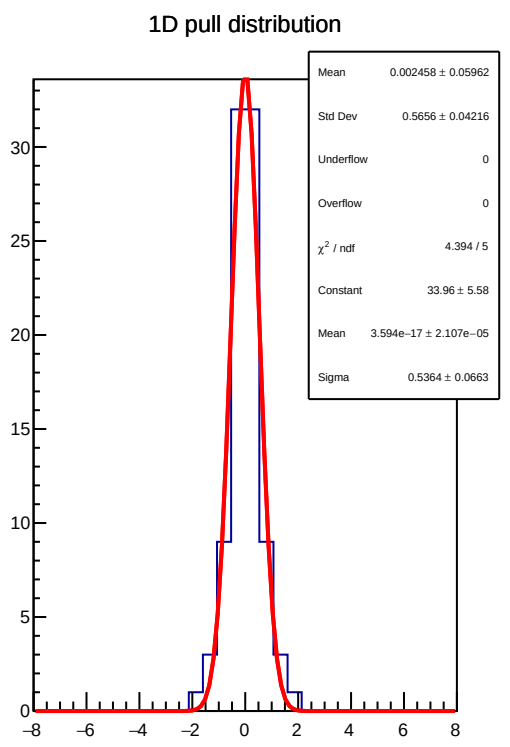

corr_Adet_evMon4 RMS (ppm)
RMS (ppm)
70
65
60
55
50
45
40
35
30
25
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.0
3823.2
3823.3

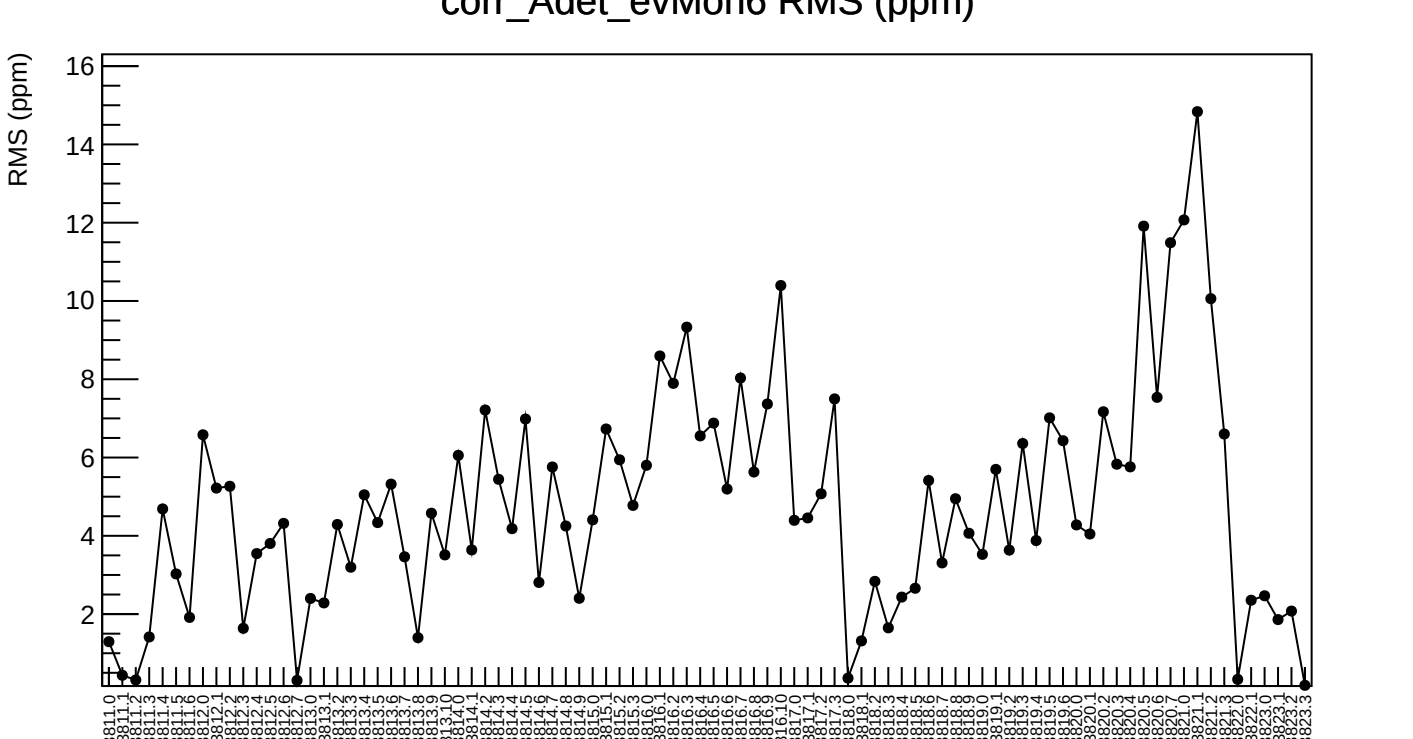

corr_Adet_evMon5 (ppb)
χ² / ndf 115.8 / 89
p0 −3.985 ± 3.15

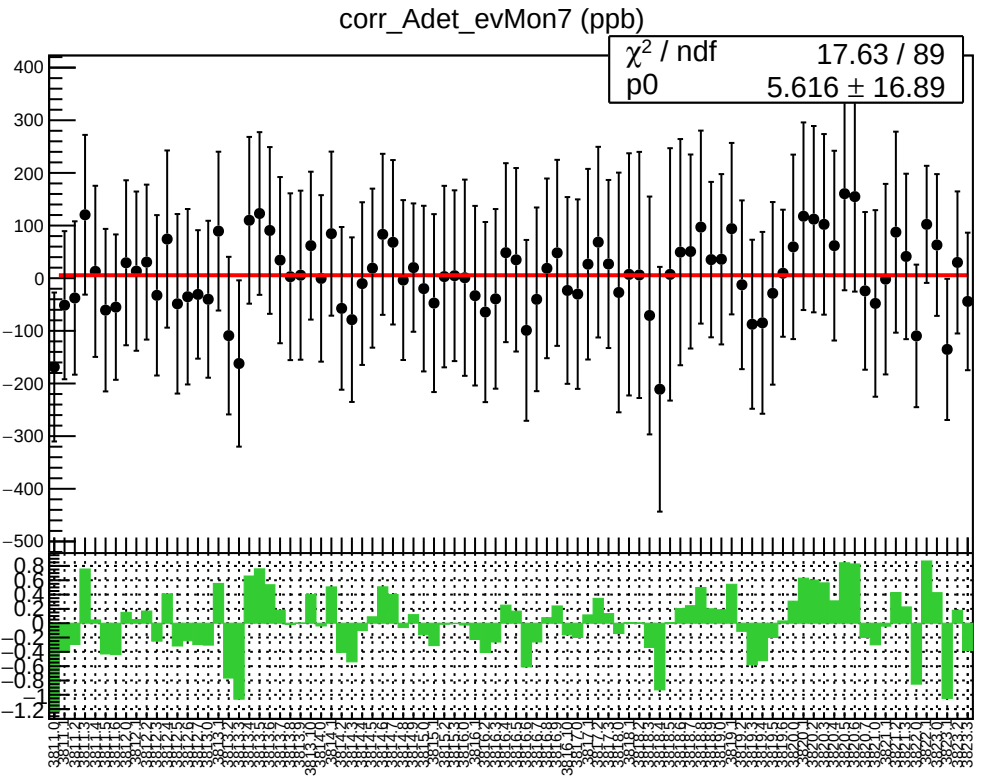

1D pull distribution
Mean 0.004694 ± 0.1196
Std Dev 1.134 ± 0.08454
Underflow 0
Overflow 0
χ² / ndf 19.24 / 10
Constant 16.91 ± 4.74
Mean −0.03392 ± 0.13054
Sigma 0.8914 ± 0.2179

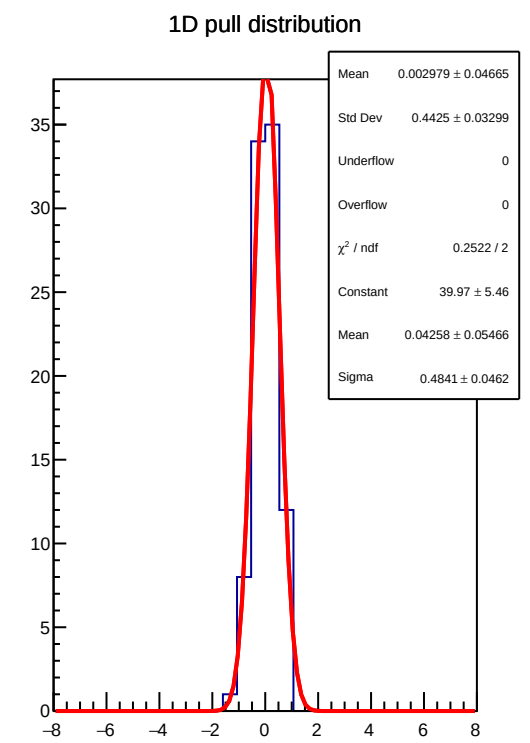

corr_Adet_evMon5 RMS (ppm)
RMS (ppm)
1
2
3
4
5
6
7
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.1
3823.0
3823.1
3823.2
3823.3

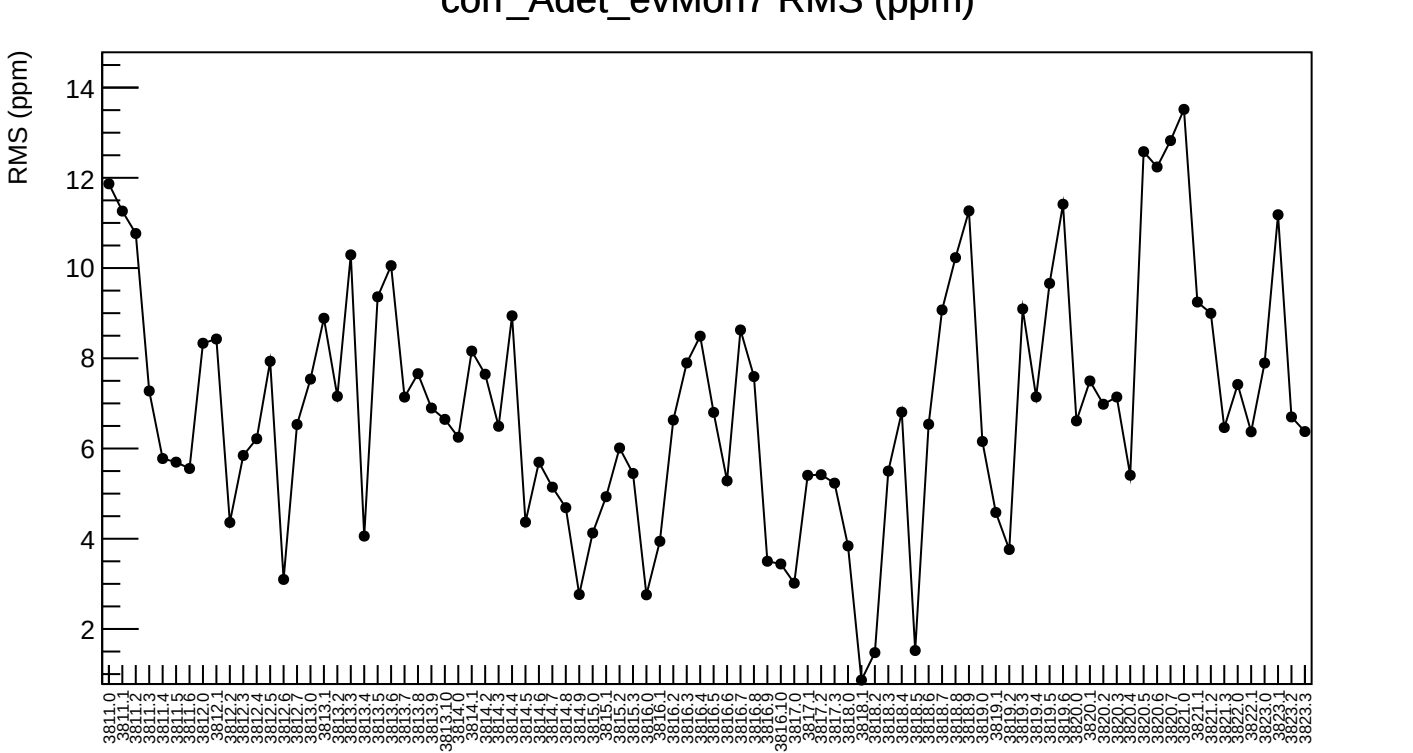

corr_Adet_evMon6 (ppb)
χ² / ndf 28.8 / 89
p0 0.004244 ± 10.31

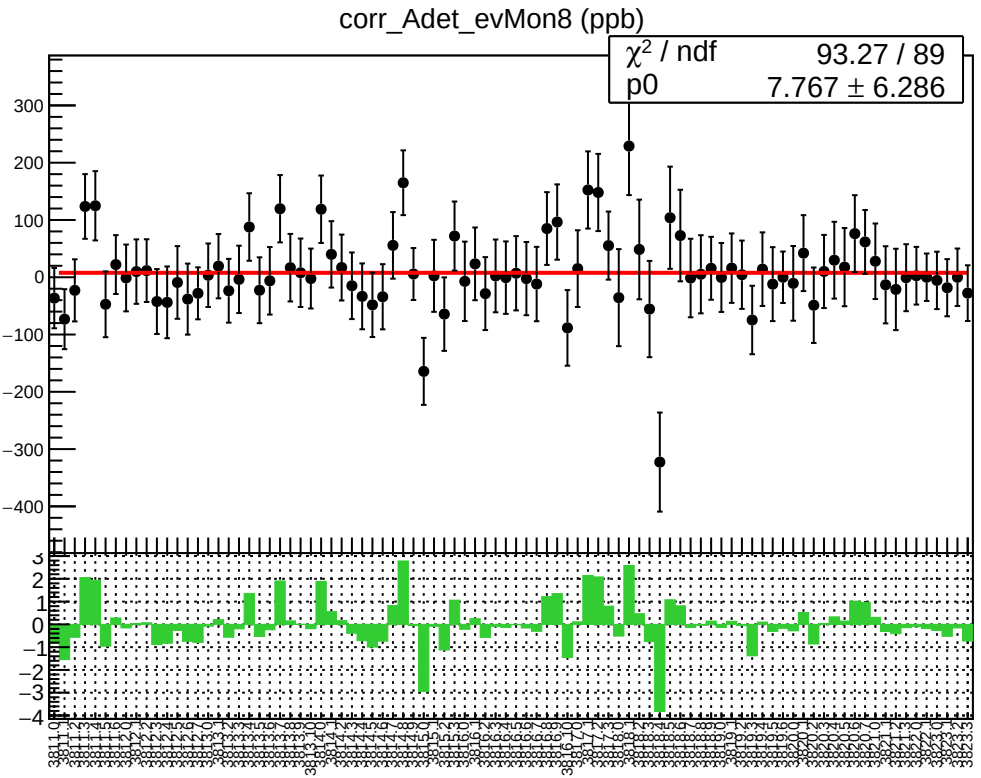

1D pull distribution
Mean 0.002458 ± 0.05962
Std Dev 0.5656 ± 0.04216
Underflow 0
Overflow 0
χ² / ndf 4.394 / 5
Constant 33.96 ± 5.58
Mean −3.594e−17 ± 2.107e−05
Sigma 0.5364 ± 0.0663

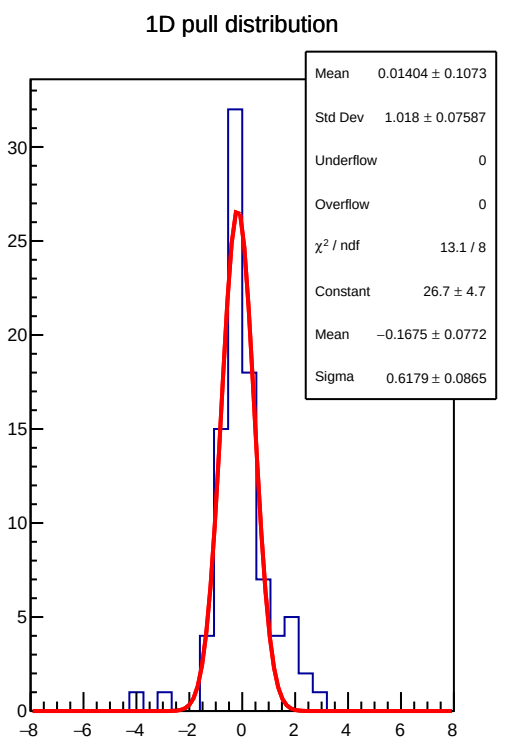

corr_Adet_evMon6 RMS (ppm)
RMS (ppm)
16
14
12
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

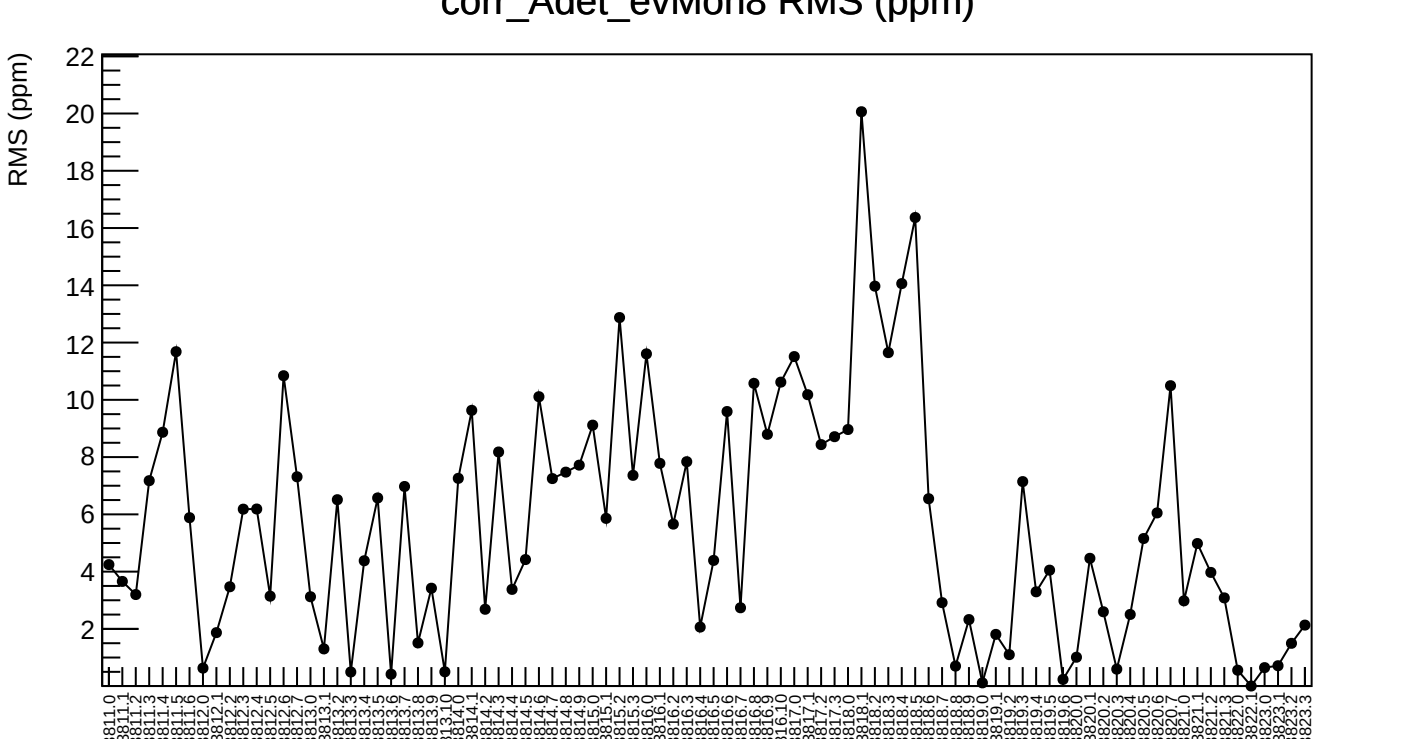

corr_Adet_evMon7 (ppb)
χ² / ndf 17.63 / 89
p0 5.616 ± 16.89

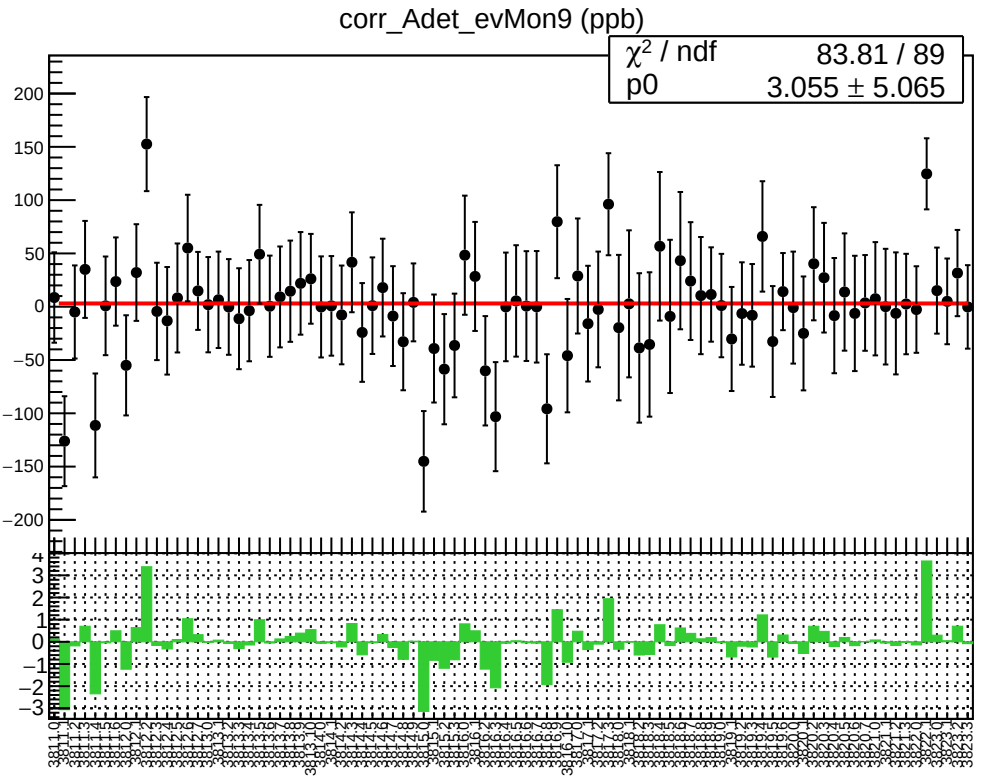

1D pull distribution
Mean 0.002979 ± 0.04665
Std Dev 0.4425 ± 0.03299
Underflow 0
Overflow 0
χ² / ndf 0.2522 / 2
Constant 39.97 ± 5.46
Mean 0.04258 ± 0.05466
Sigma 0.4841 ± 0.0462

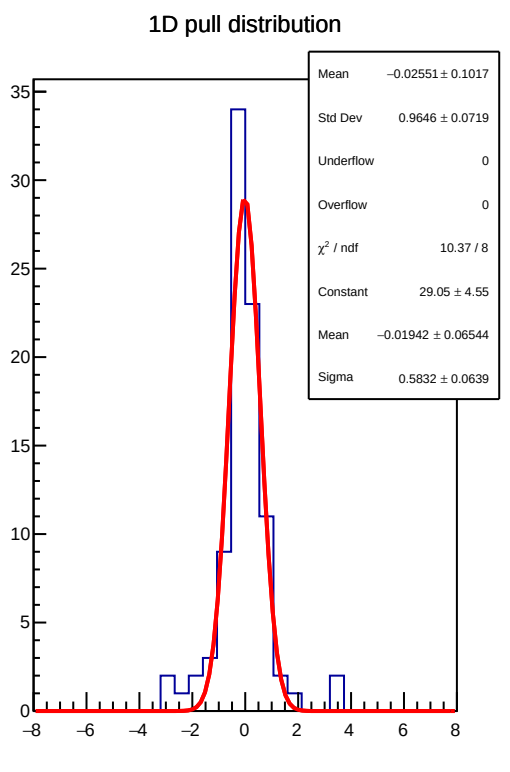

corr_Adet_evMon7 RMS (ppm)
RMS (ppm)
14
12
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

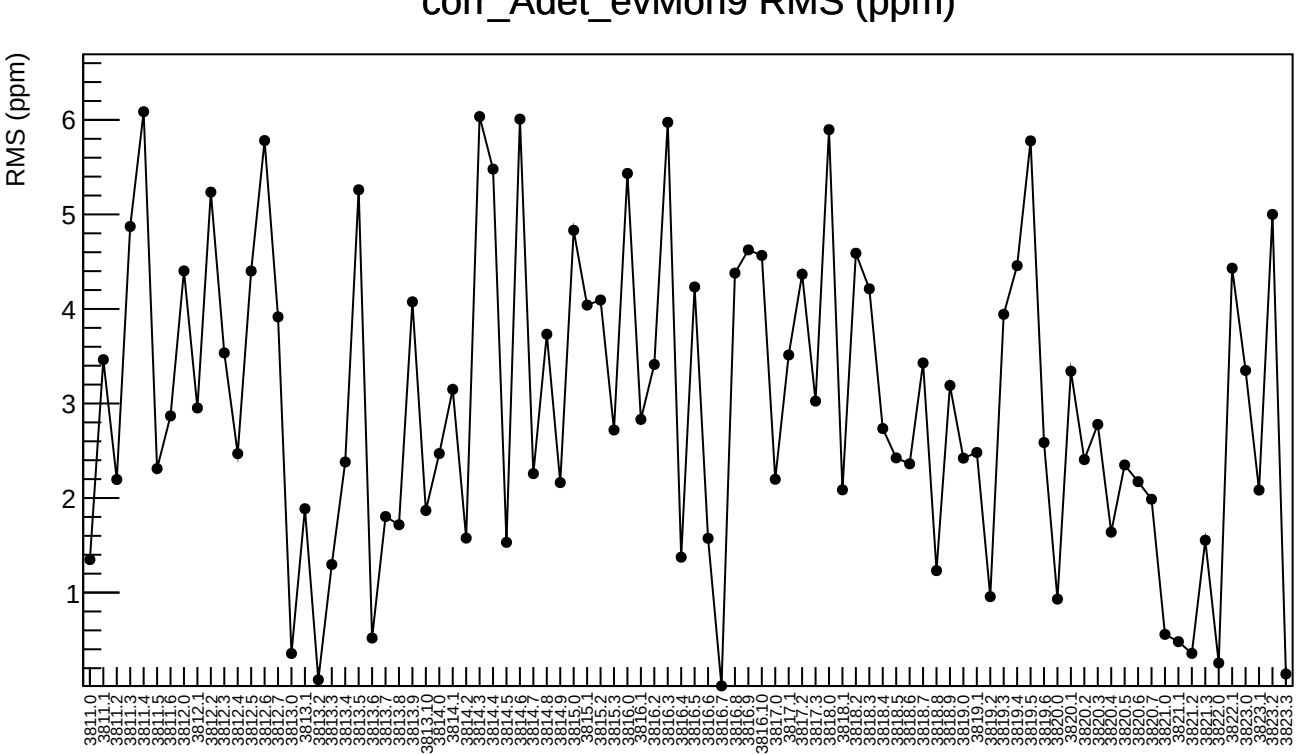

corr_Adet_evMon8 (ppb)
χ² / ndf 93.27 / 89
p0 7.767 ± 6.286

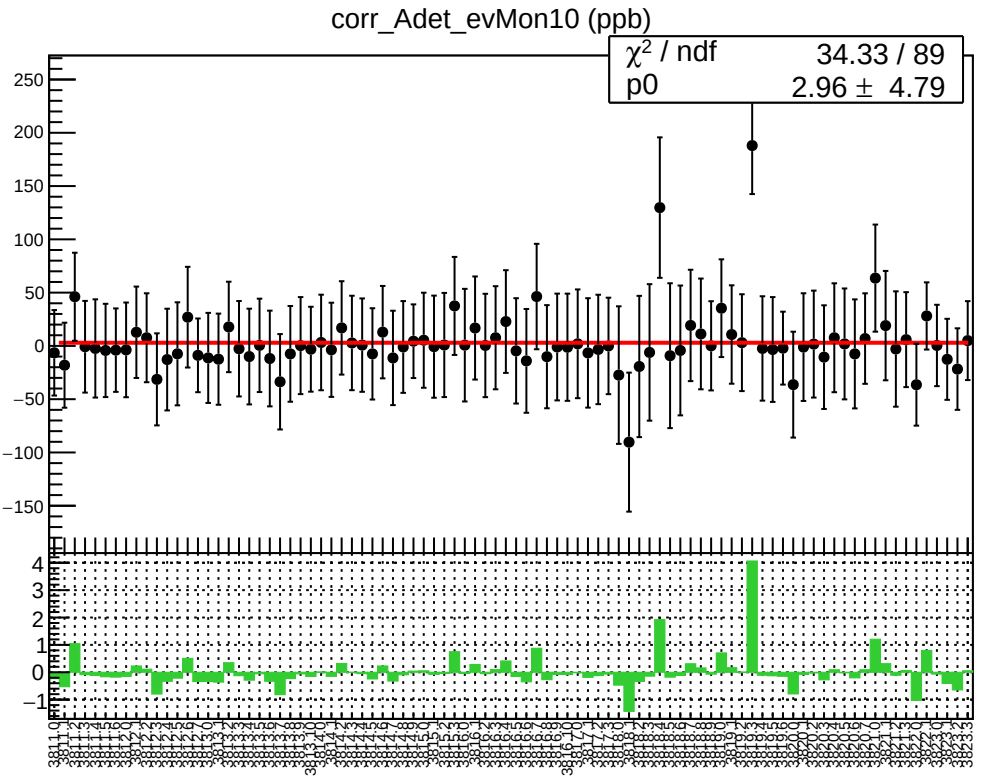

1D pull distribution
Mean 0.01404 ± 0.1073
Std Dev 1.018 ± 0.07587
Underflow 0
Overflow 0
χ² / ndf 13.1 / 8
Constant 26.7 ± 4.7
Mean −0.1675 ± 0.0772
Sigma 0.6179 ± 0.0865

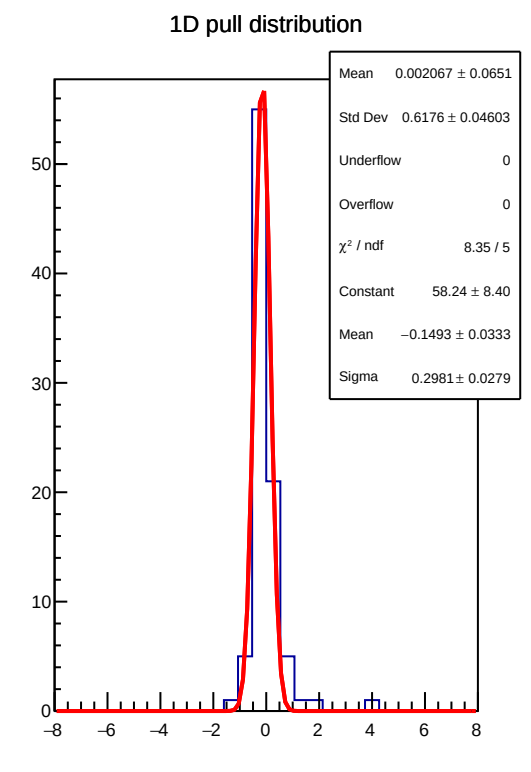

corr_Adet_evMon8 RMS (ppm)
RMS (ppm)
22
20
18
16
14
12
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3823.1
3823.2
3823.3

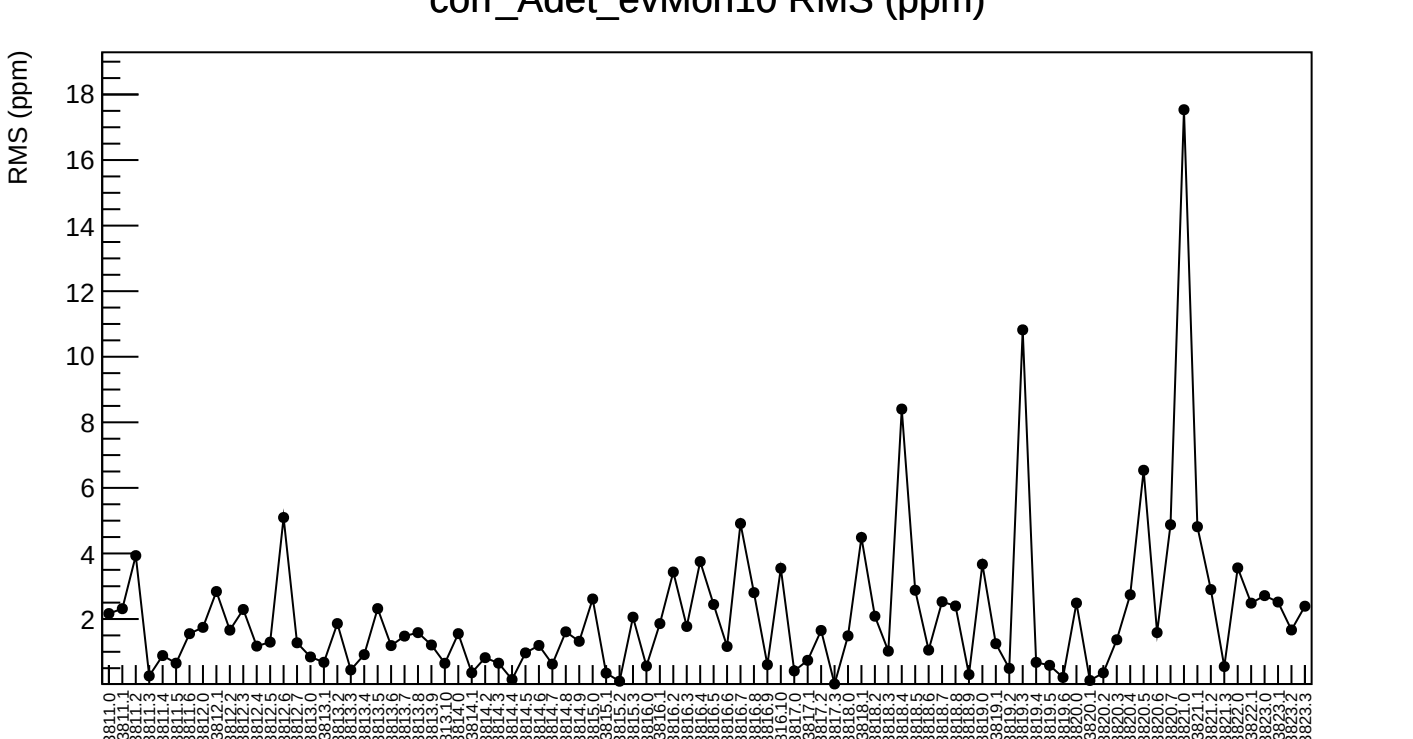

corr_Adet_evMon9 (ppb)
χ² / ndf 83.81 / 89
p0 3.055 ± 5.065

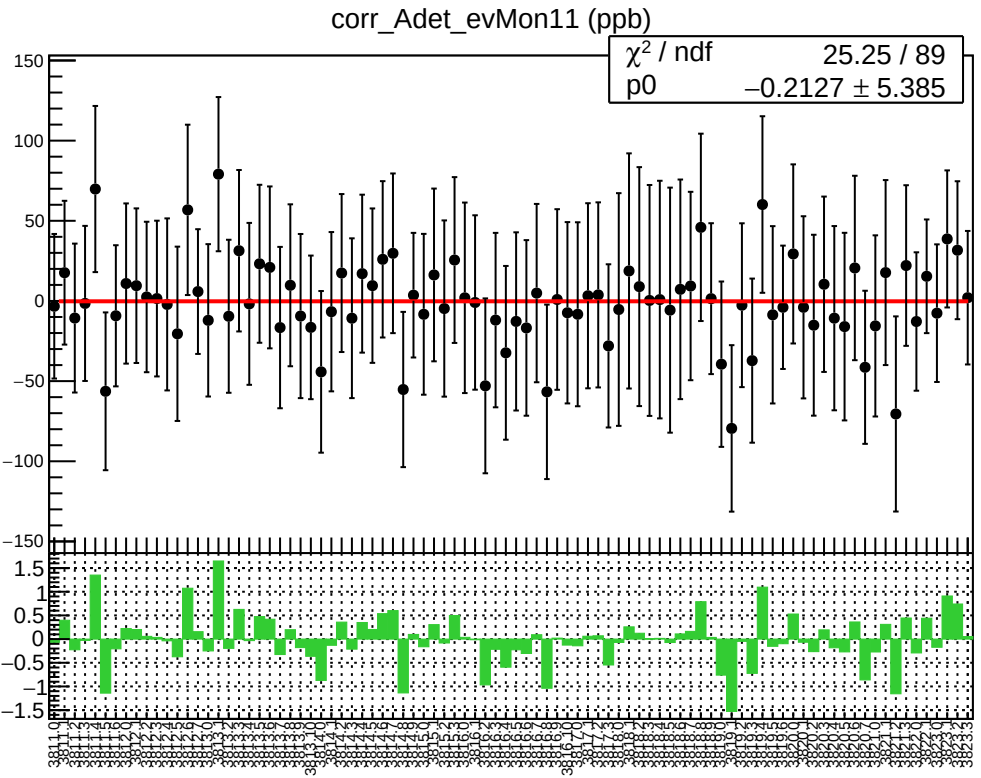

1D pull distribution
Mean −0.02551 ± 0.1017
Std Dev 0.9646 ± 0.0719
Underflow 0
Overflow 0
χ² / ndf 10.37 / 8
Constant 29.05 ± 4.55
Mean −0.01942 ± 0.06544
Sigma 0.5832 ± 0.0639

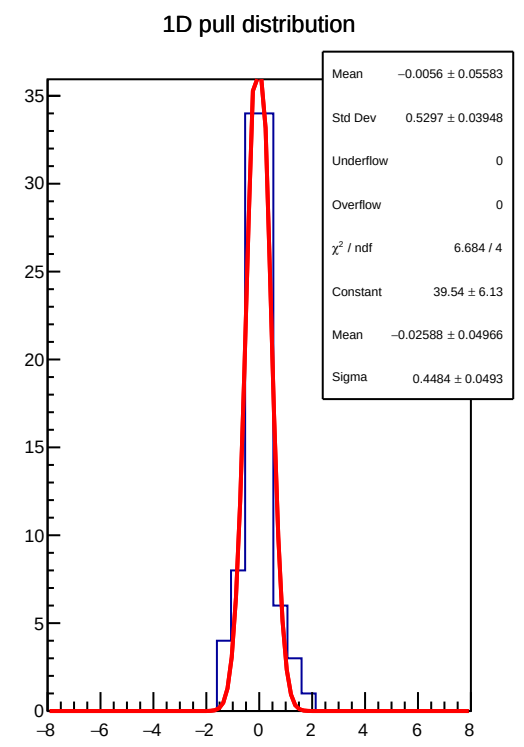

corr_Adet_evMon9 RMS (ppm)
RMS (ppm)
1
2
3
4
5
6
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

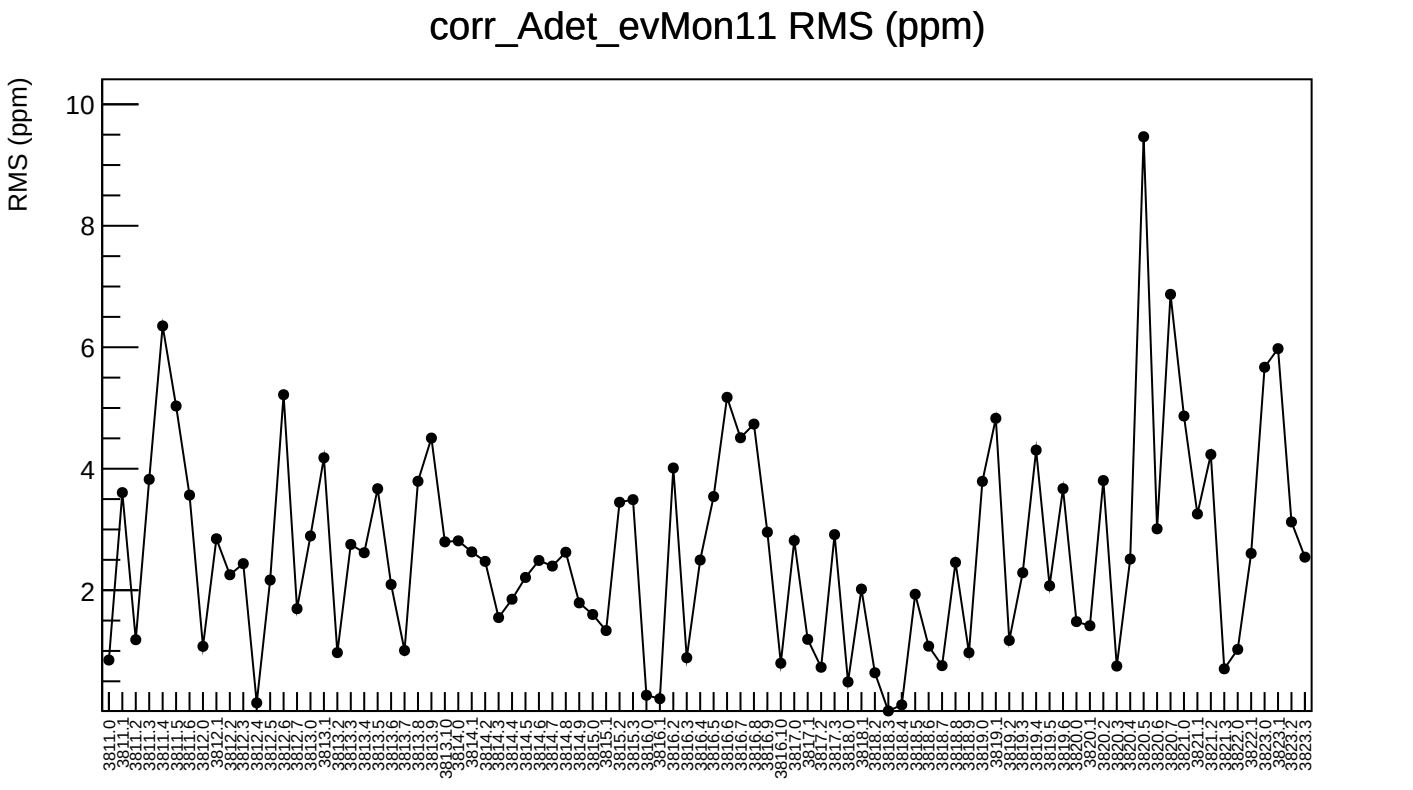

corr_Adet_evMon10 (ppb)
χ² / ndf 34.33 / 89
p0 2.96 ± 4.79

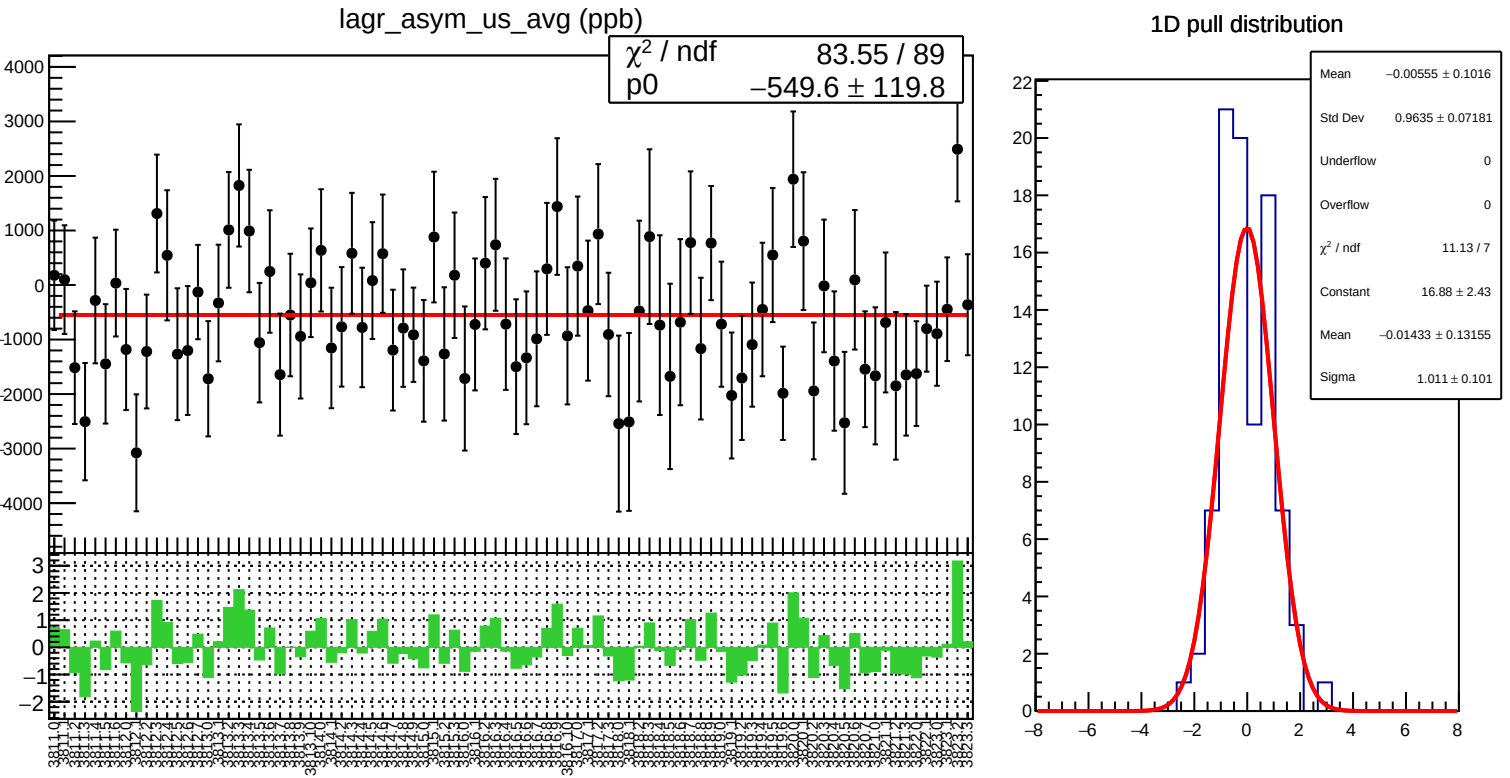

1D pull distribution
Mean 0.002067 ± 0.0651
Std Dev 0.6176 ± 0.04603
Underflow 0
Overflow 0
χ² / ndf 8.35 / 5
Constant 58.24 ± 8.40
Mean −0.1493 ± 0.0333
Sigma 0.2981 ± 0.0279

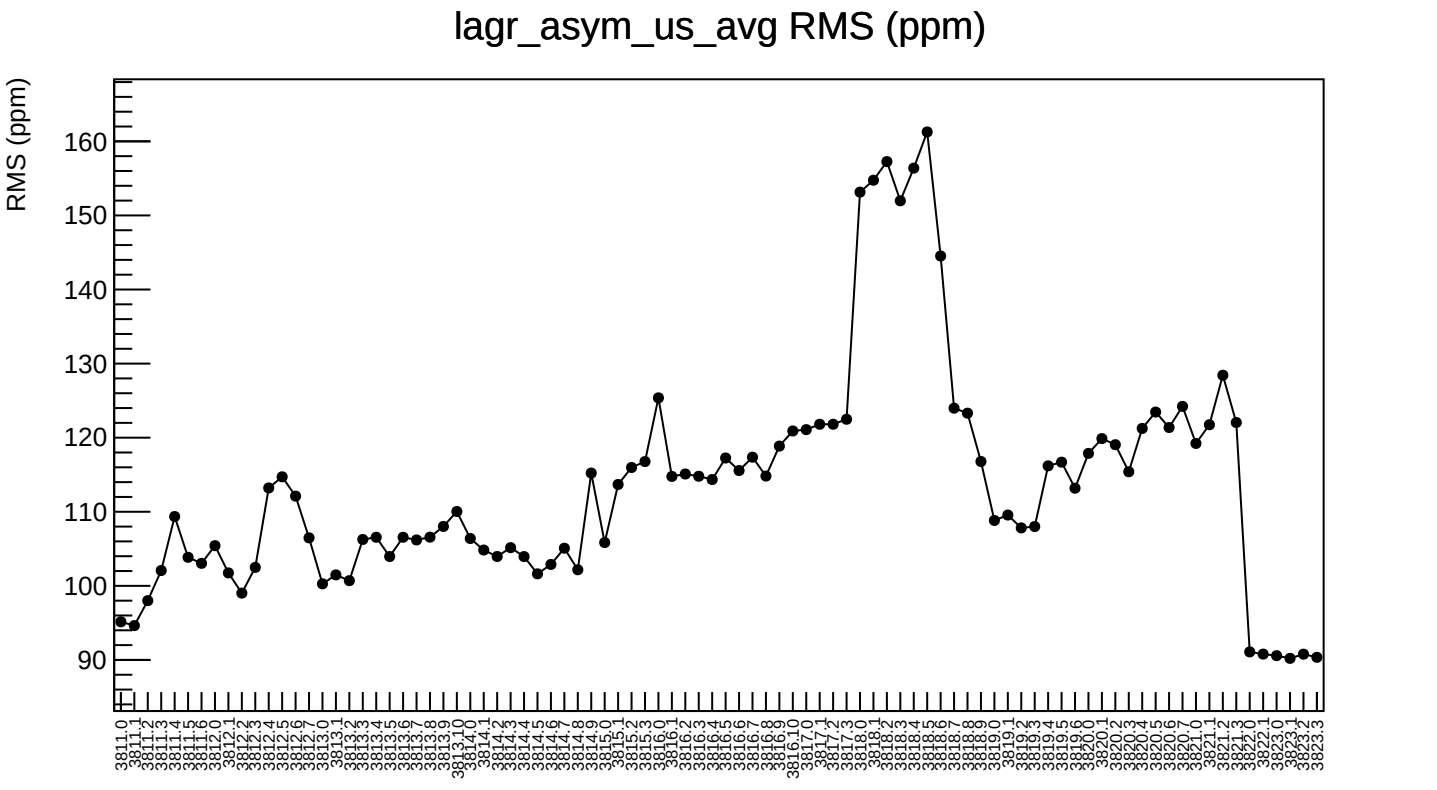

corr_Adet_evMon10 RMS (ppm)
RMS (ppm)
2
4
6
8
10
12
14
16
18
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.0
3823.1
3823.2
3823.3

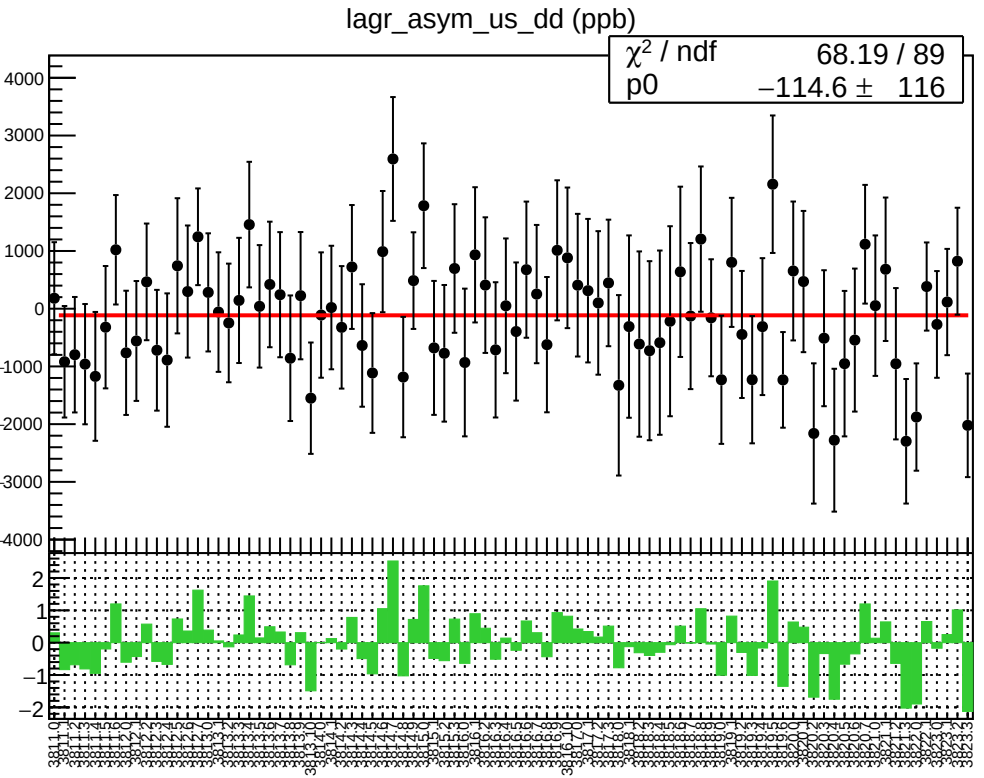

corr_Adet_evMon11 (ppb)
χ² / ndf 25.25 / 89
p0 −0.2127 ± 5.385

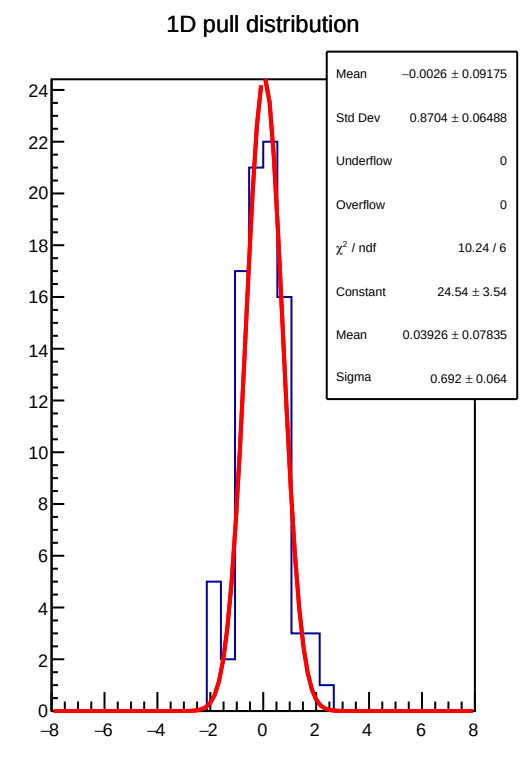

1D pull distribution
Mean −0.0056 ± 0.05583
Std Dev 0.5297 ± 0.03948
Underflow 0
Overflow 0
χ² / ndf 6.684 / 4
Constant 39.54 ± 6.13
Mean −0.02588 ± 0.04966
Sigma 0.4484 ± 0.0493

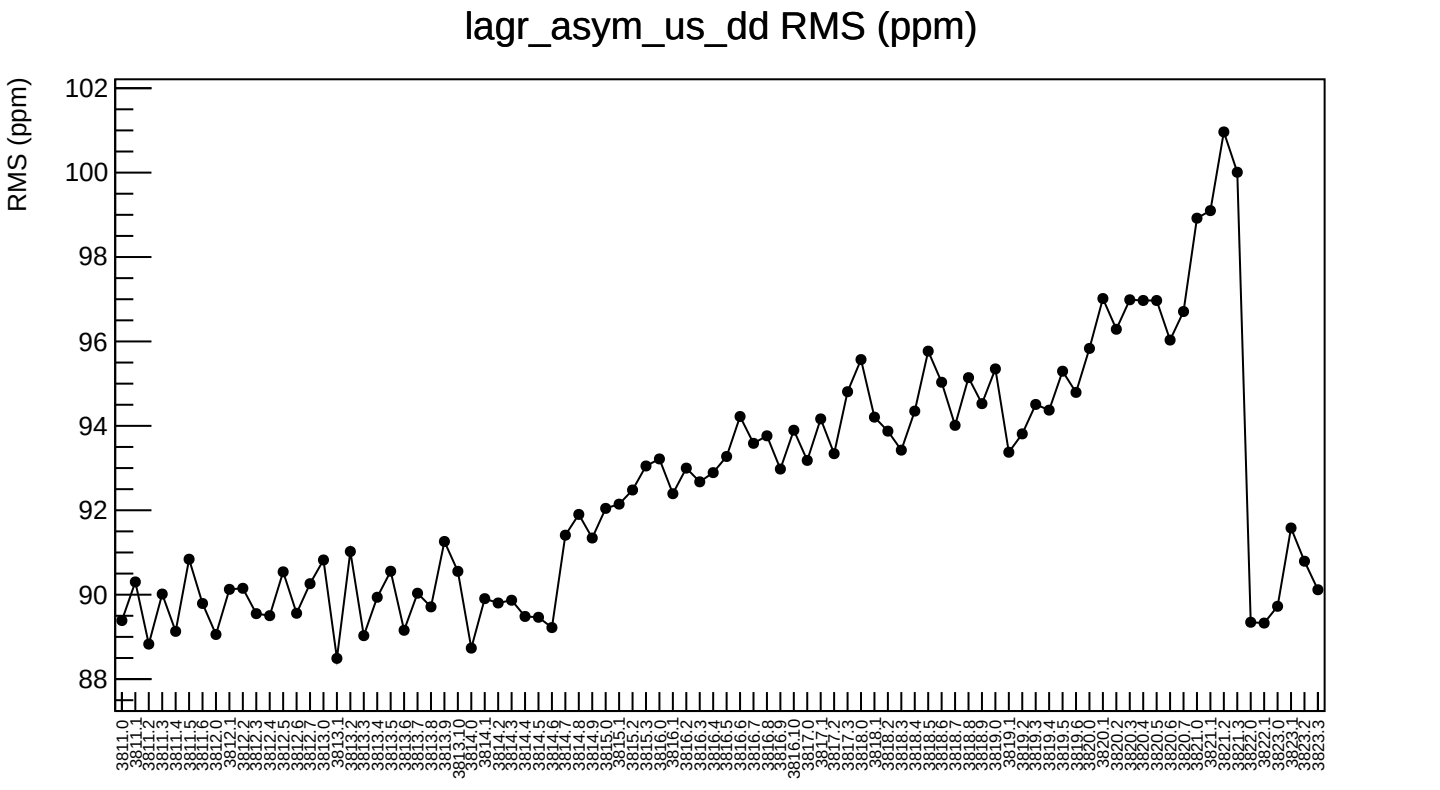

corr_Adet_evMon11 RMS (ppm)
RMS (ppm)
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

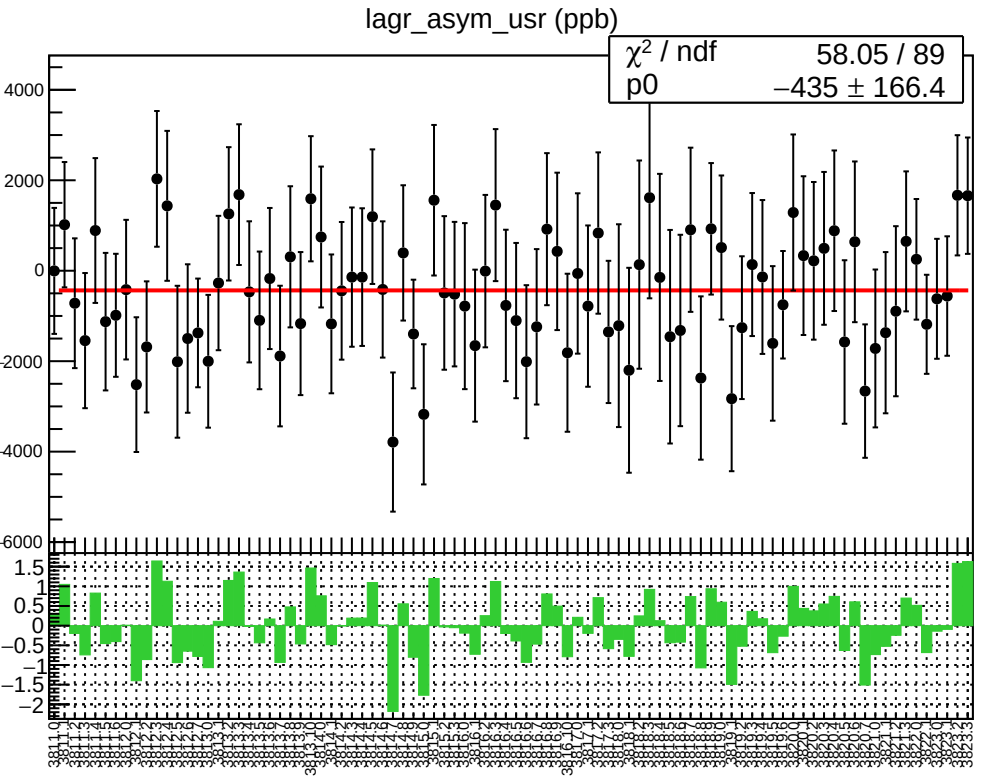

lagr_asym_us_avg (ppb)
χ² / ndf 83.55 / 89
p0 −549.6 ± 119.8
1D pull distribution
Mean −0.00555 ± 0.1016
Std Dev 0.9635 ± 0.07181
Underflow 0
Overflow 0
χ² / ndf 11.13 / 7
Constant 16.88 ± 2.43
Mean −0.01433 ± 0.13155
Sigma 1.011 ± 0.101

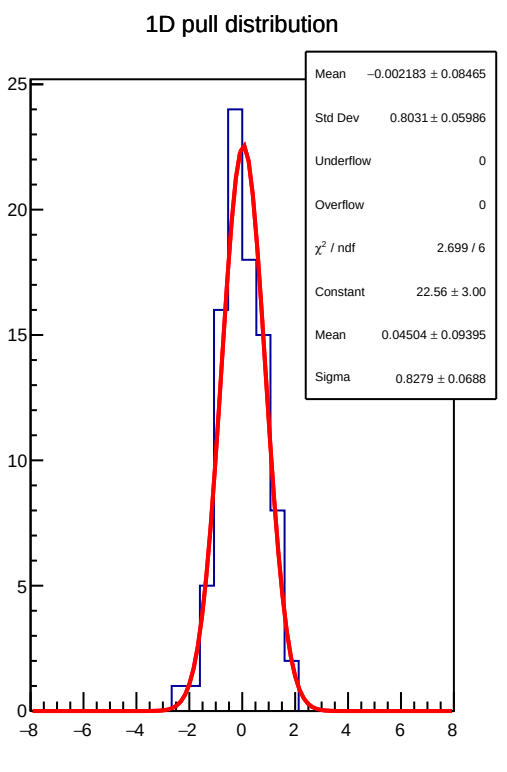

lagr_asym_us_avg RMS (ppm)
RMS (ppm)
90
100
110
120
130
140
150
160
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

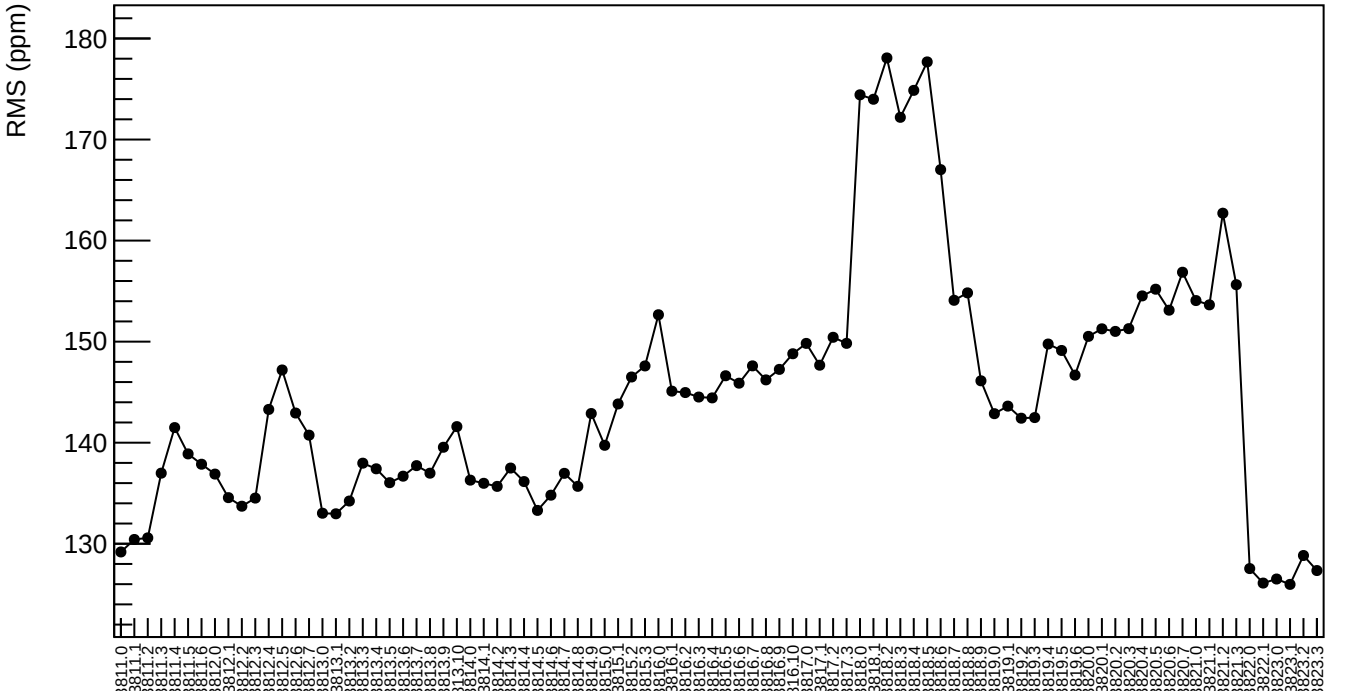

lagr_asym_us_dd (ppb)
χ² / ndf 68.19 / 89
p0 −114.6 ± 116

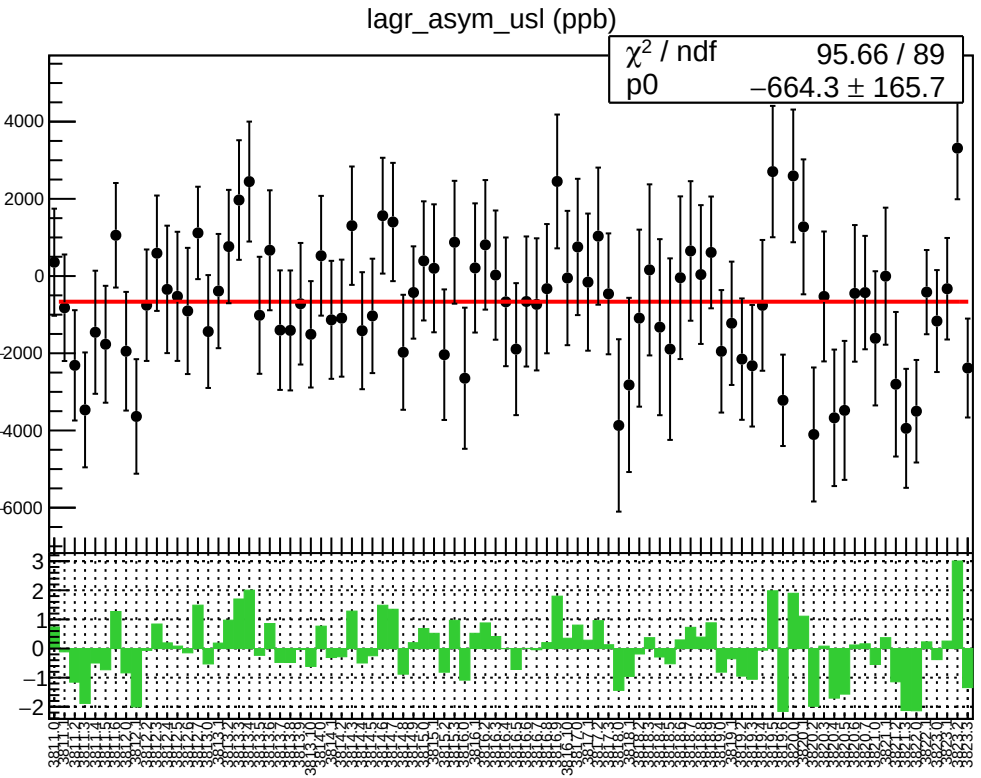

1D pull distribution
Mean −0.0026 ± 0.09175
Std Dev 0.8704 ± 0.06488
Underflow 0
Overflow 0
χ² / ndf 10.24 / 6
Constant 24.54 ± 3.54
Mean 0.03926 ± 0.07835
Sigma 0.692 ± 0.064

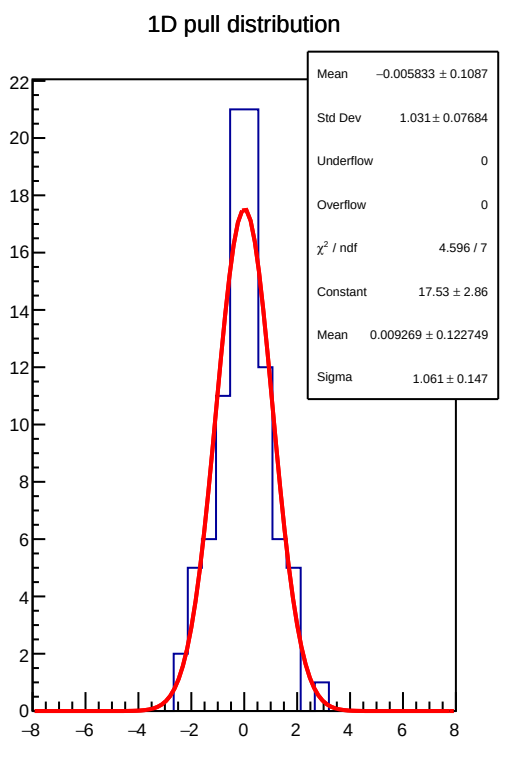

lagr_asym_us_dd RMS (ppm)
RMS (ppm)
102
100
98
96
94
92
90
88
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

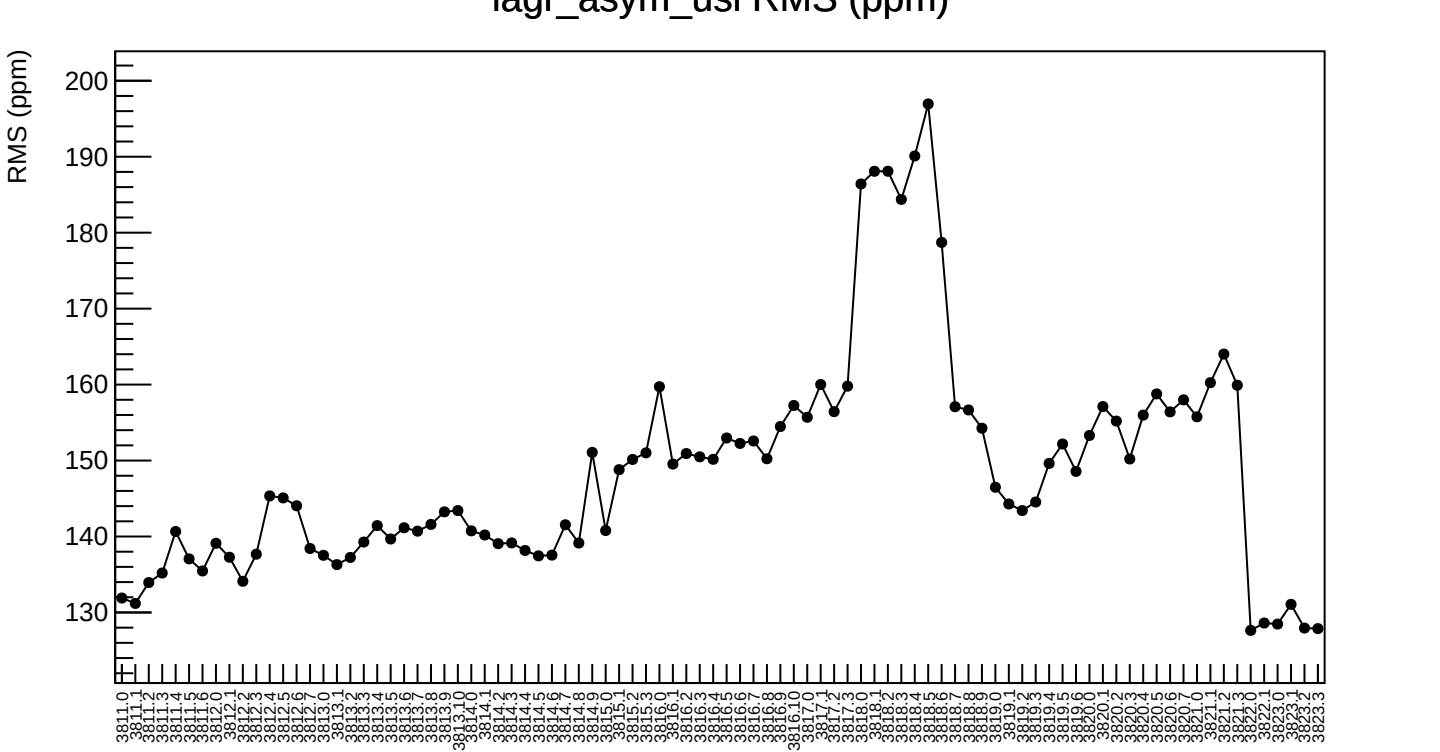

lagr_asym_usr (ppb)
χ² / ndf 58.05 / 89
p0 −435 ± 166.4

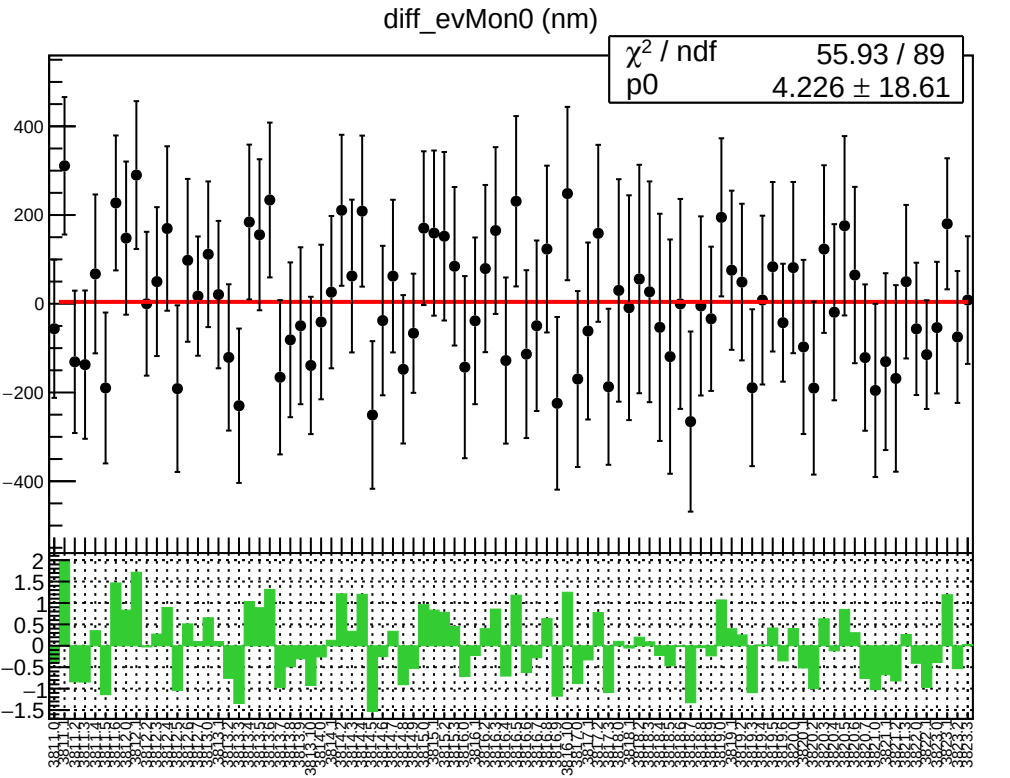

1D pull distribution
Mean −0.002183 ± 0.08465
Std Dev 0.8031 ± 0.05986
Underflow 0
Overflow 0
χ² / ndf 2.699 / 6
Constant 22.56 ± 3.00
Mean 0.04504 ± 0.09395
Sigma 0.8279 ± 0.0688

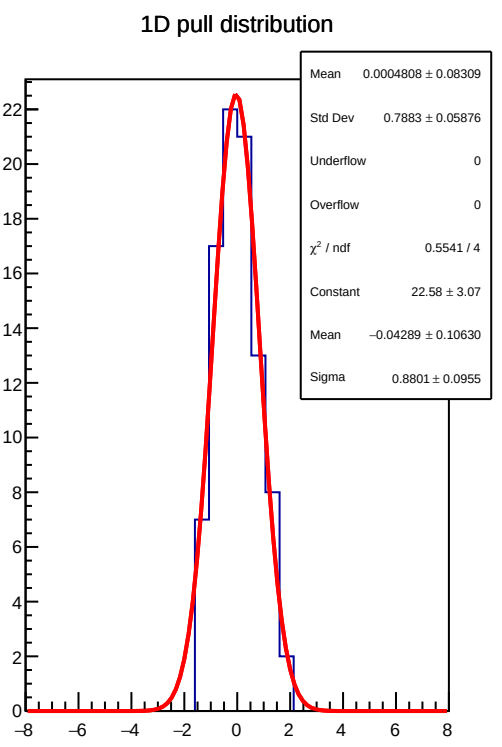

lagr_asym_usr RMS (ppm)
RMS (ppm)
180
170
160
150
140
130
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.1
3823.0
3823.1
3823.2
3823.3

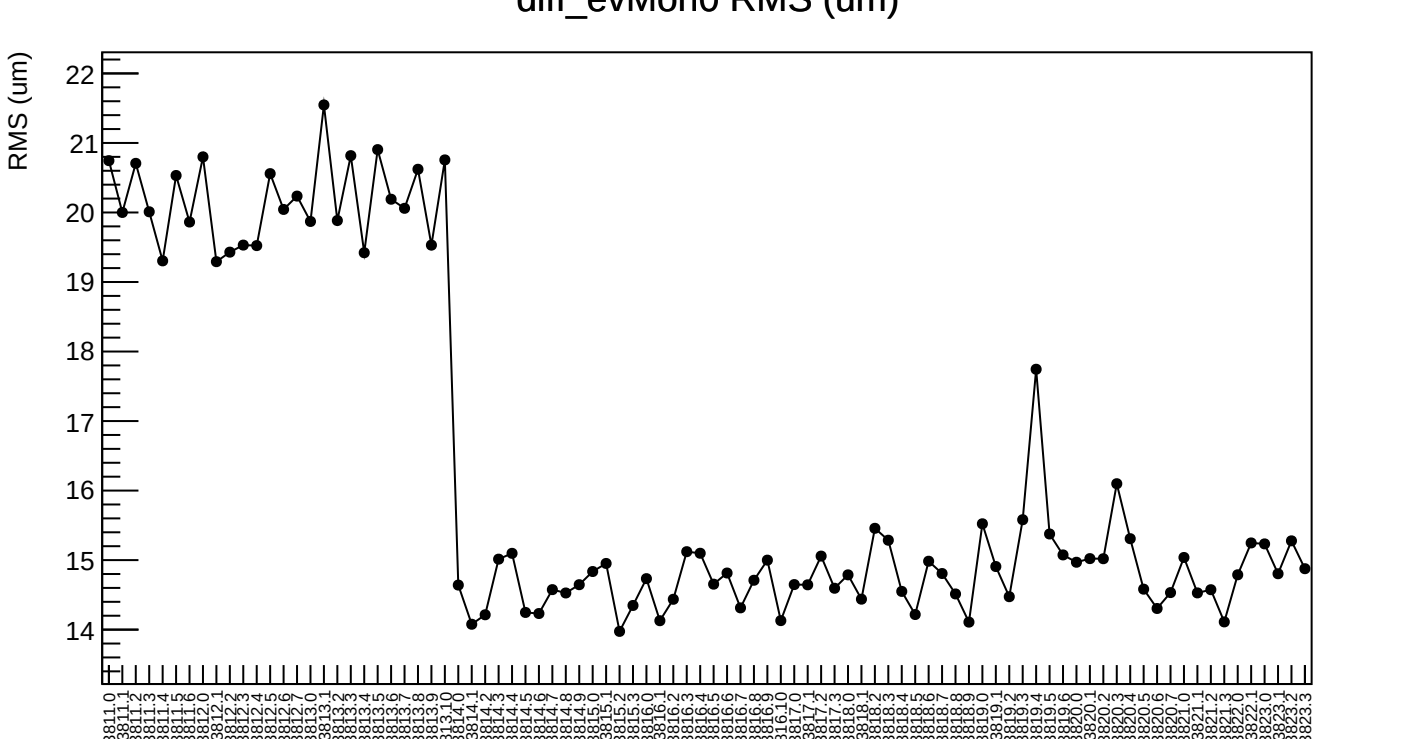

lagr_asym_usl (ppb)
χ² / ndf 95.66 / 89
p0 −664.3 ± 165.7
4000
2000
0
-2000
-4000
-6000
3
2
1
0
−1
−2

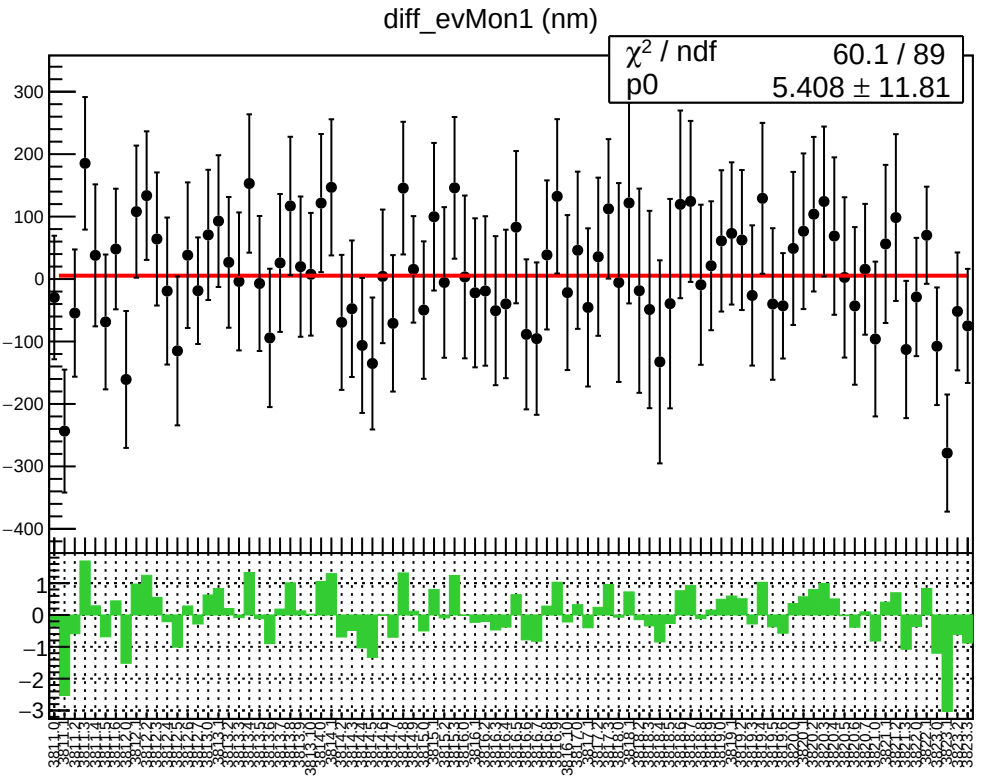

1D pull distribution
Mean −0.005833 ± 0.1087
Std Dev 1.031 ± 0.07684
Underflow 0
Overflow 0
χ² / ndf 4.596 / 7
Constant 17.53 ± 2.86
Mean 0.009269 ± 0.122749
Sigma 1.061 ± 0.147
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

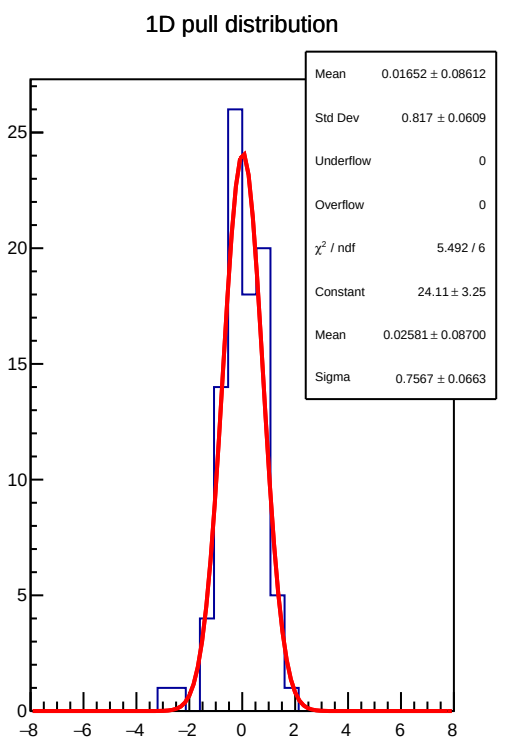

lagr_asym_usl RMS (ppm)
RMS (ppm)
200
190
180
170
160
150
140
130
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.1
3823.1
3823.2
3823.3

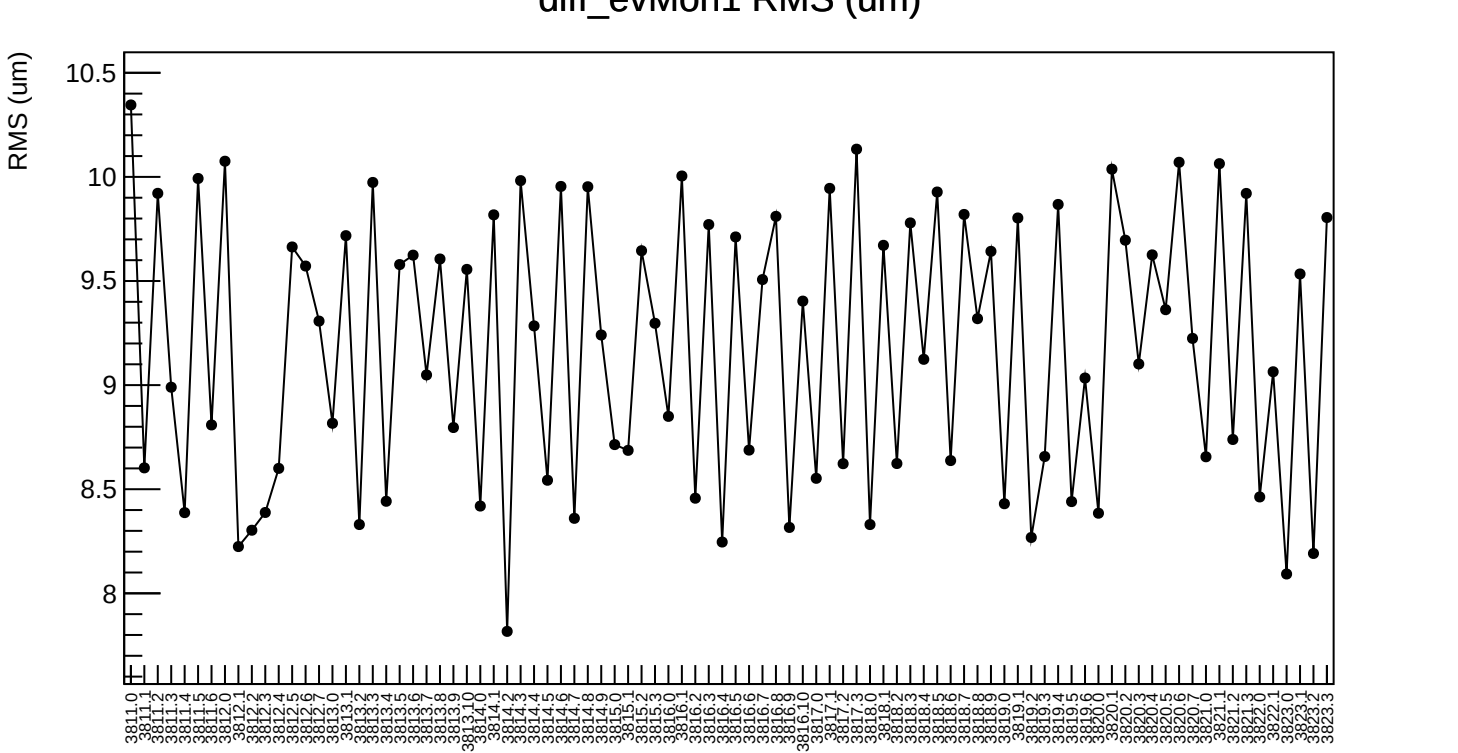

diff_evMon0 (nm)
χ² / ndf 55.93 / 89
p0 4.226 ± 18.61

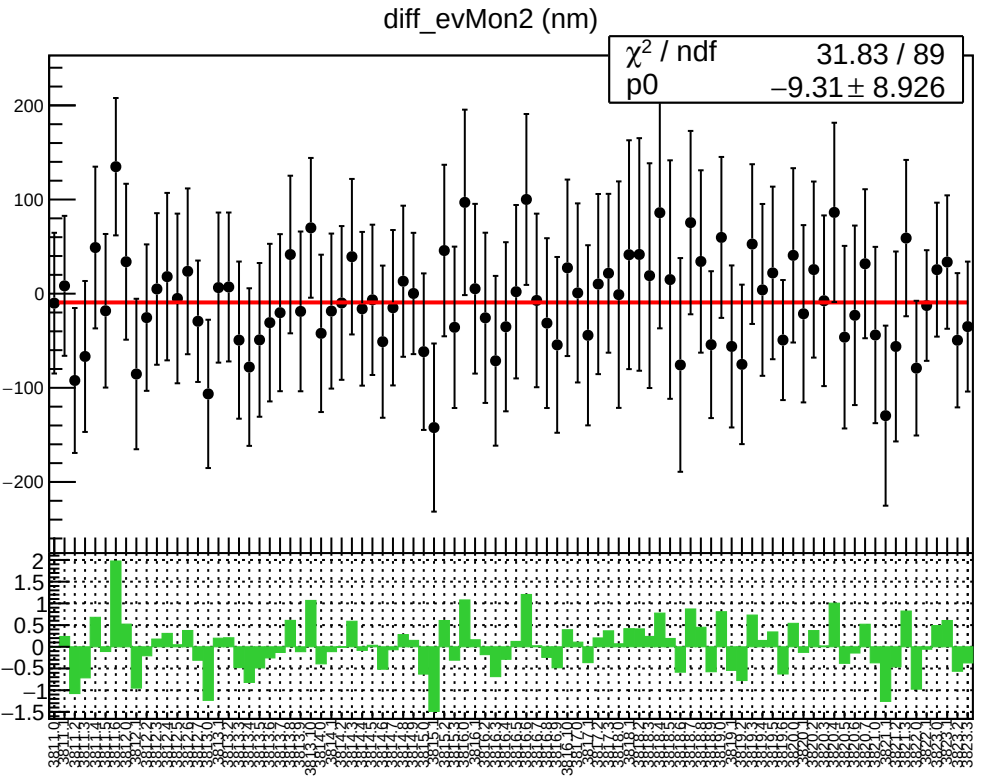

1D pull distribution
Mean 0.0004808 ± 0.08309
Std Dev 0.7883 ± 0.05876
Underflow 0
Overflow 0
χ² / ndf 0.5541 / 4
Constant 22.58 ± 3.07
Mean −0.04289 ± 0.10630
Sigma 0.8801 ± 0.0955

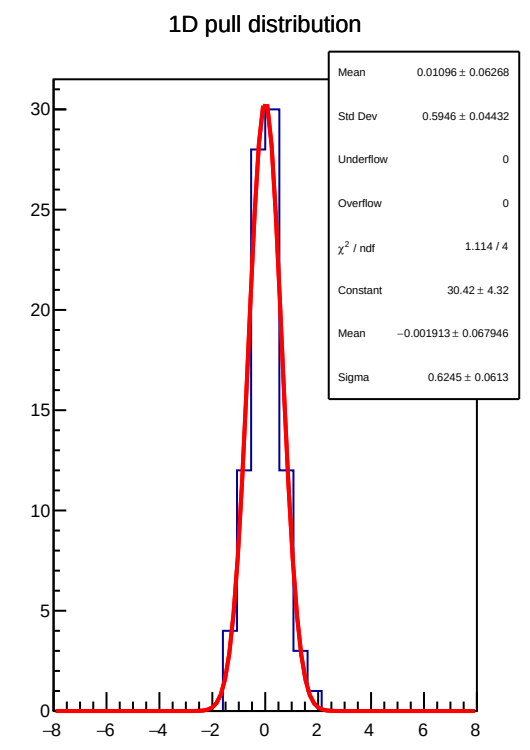

diff_evMon0 RMS (um)
RMS (um)
22
21
20
19
18
17
16
15
14
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3823.1
3823.2
3823.3

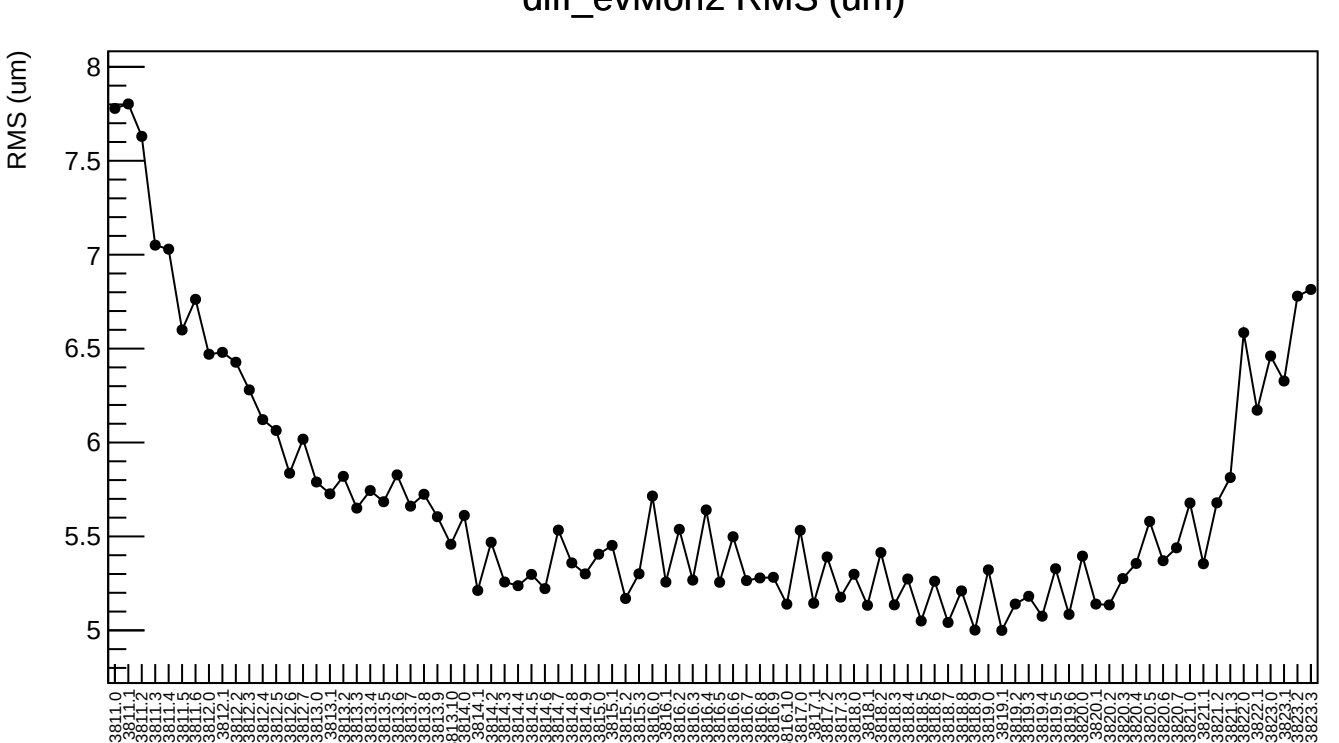

diff_evMon1 (nm)
χ² / ndf 60.1 / 89
p0 5.408 ± 11.81

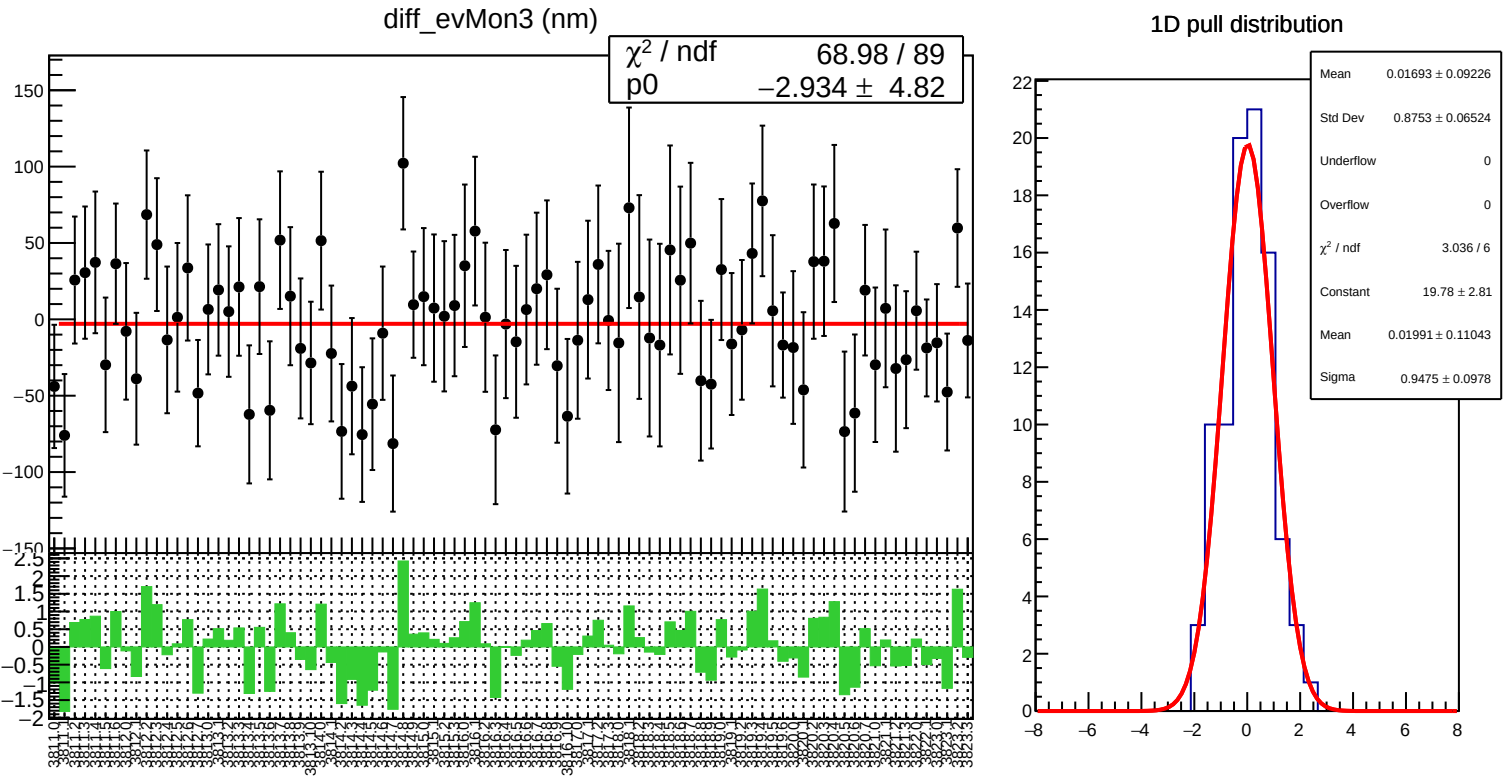

1D pull distribution
Mean 0.01652 ± 0.08612
Std Dev 0.817 ± 0.0609
Underflow 0
Overflow 0
χ² / ndf 5.492 / 6
Constant 24.11 ± 3.25
Mean 0.02581 ± 0.08700
Sigma 0.7567 ± 0.0663

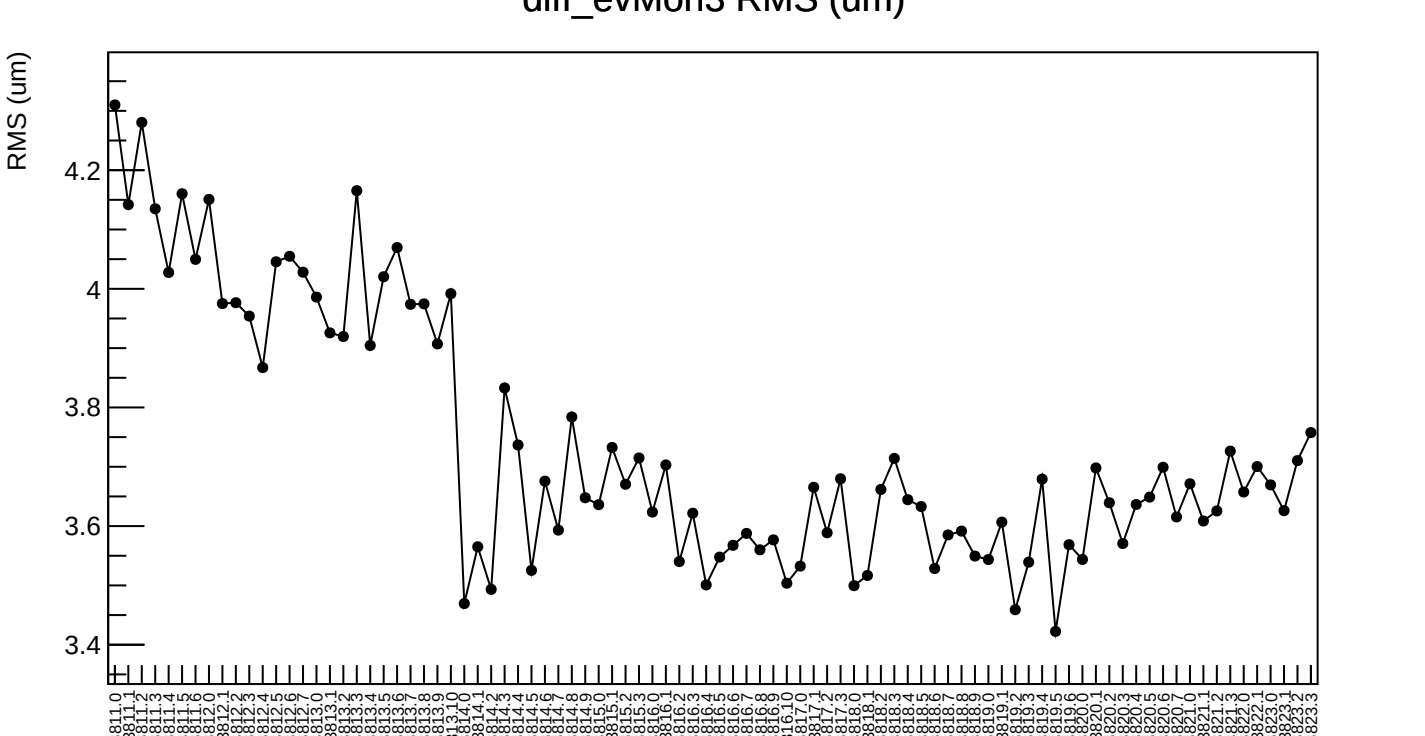

diff_evMon1 RMS (um)
RMS (um)
10.5
10
9.5
9
8.5
8
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

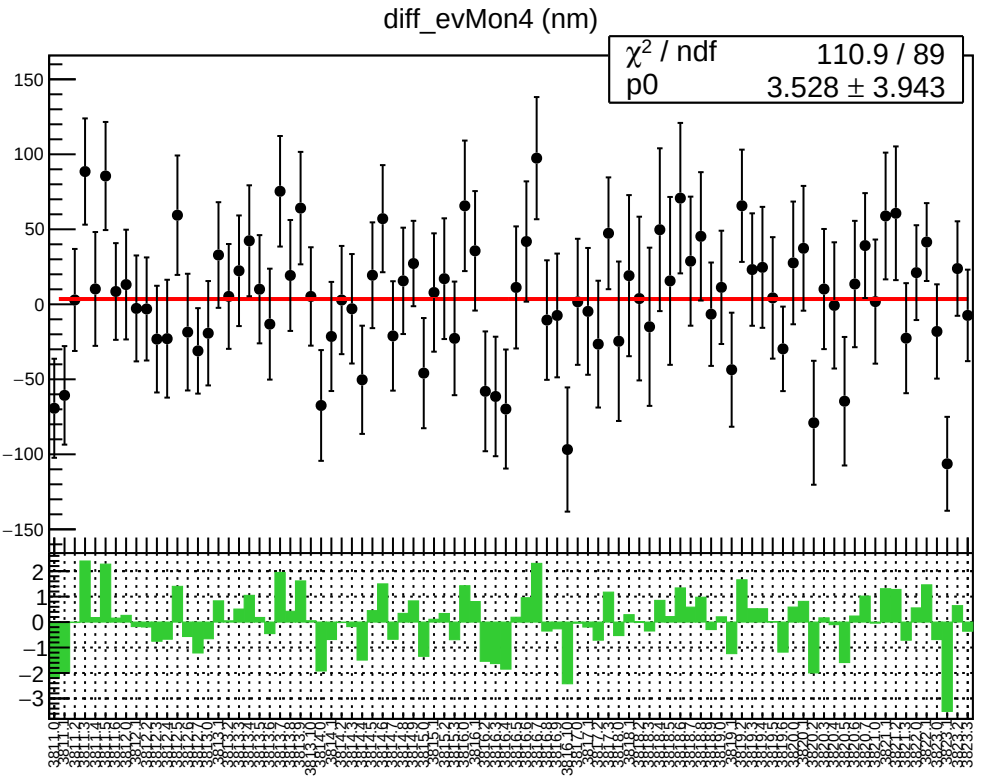

diff_evMon2 (nm)
χ² / ndf 31.83 / 89
p0 −9.31 ± 8.926

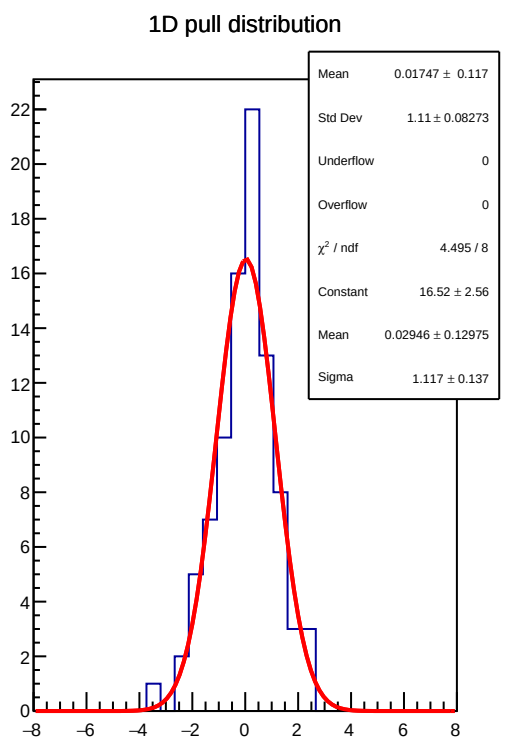

1D pull distribution
Mean 0.01096 ± 0.06268
Std Dev 0.5946 ± 0.04432
Underflow 0
Overflow 0
χ² / ndf 1.114 / 4
Constant 30.42 ± 4.32
Mean −0.001913 ± 0.067946
Sigma 0.6245 ± 0.0613

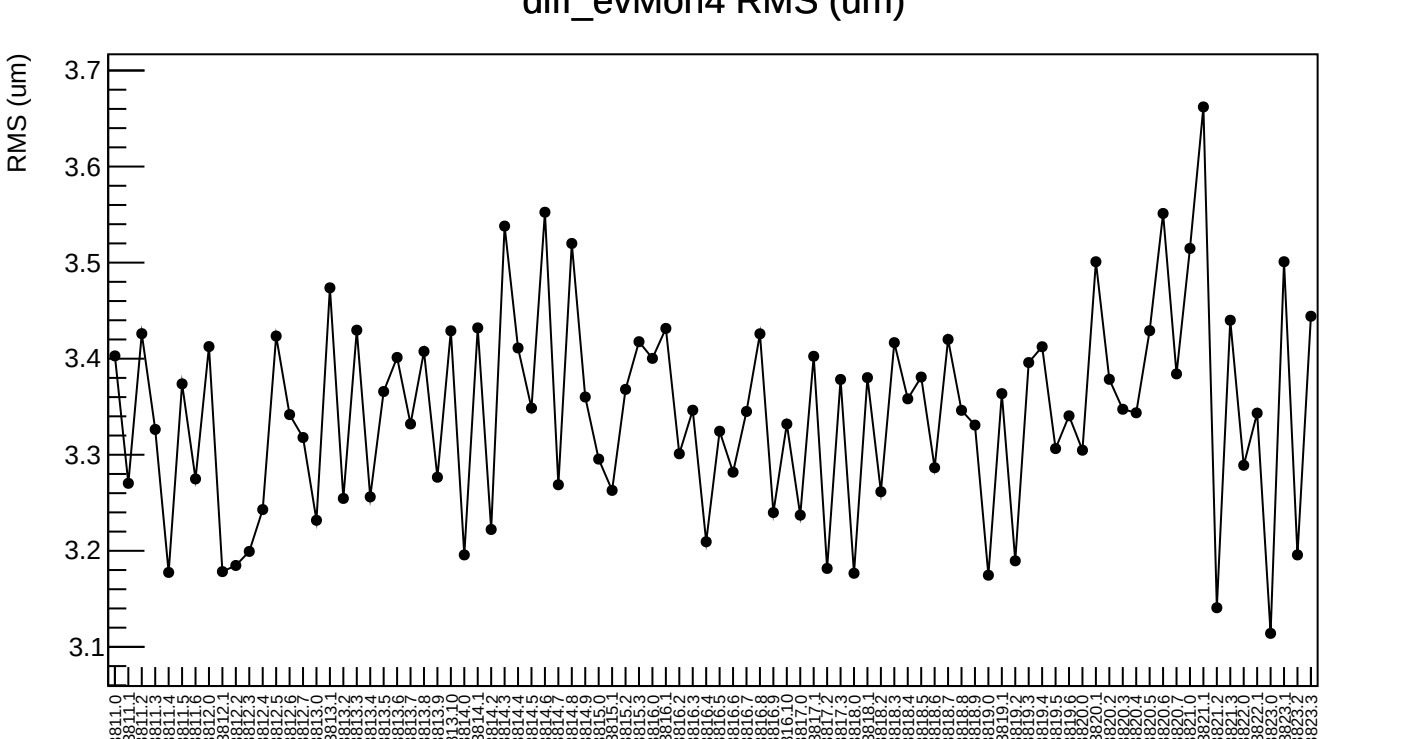

diff_evMon2 RMS (um)
RMS (um)
8
7.5
7
6.5
6
5.5
5
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

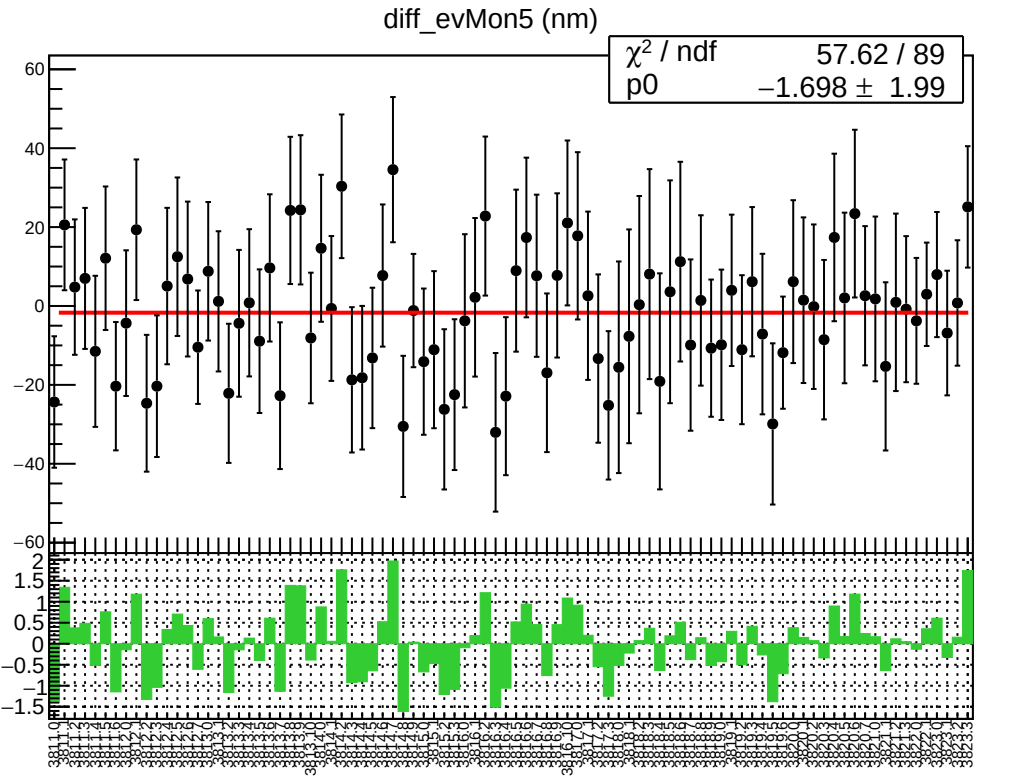

diff_evMon3 (nm)
χ² / ndf 68.98 / 89
p0 −2.934 ± 4.82
1D pull distribution
Mean 0.01693 ± 0.09226
Std Dev 0.8753 ± 0.06524
Underflow 0
Overflow 0
χ² / ndf 3.036 / 6
Constant 19.78 ± 2.81
Mean 0.01991 ± 0.11043
Sigma 0.9475 ± 0.0978

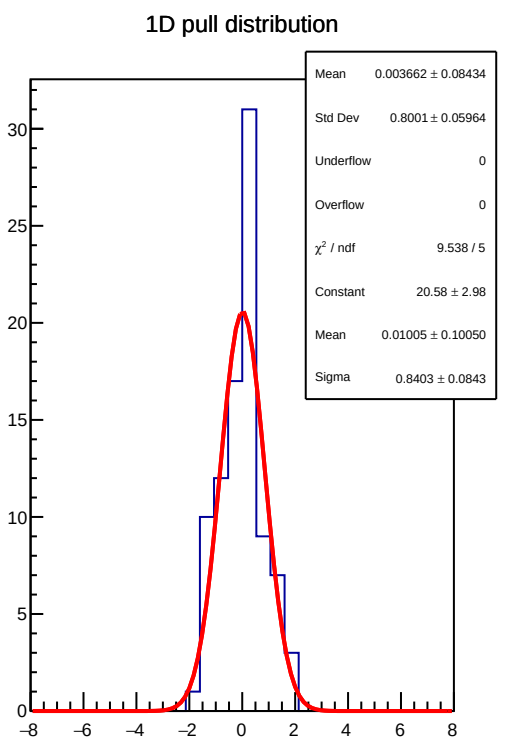

diff_evMon3 RMS (um)
RMS (um)
4.2
4
3.8
3.6
3.4
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

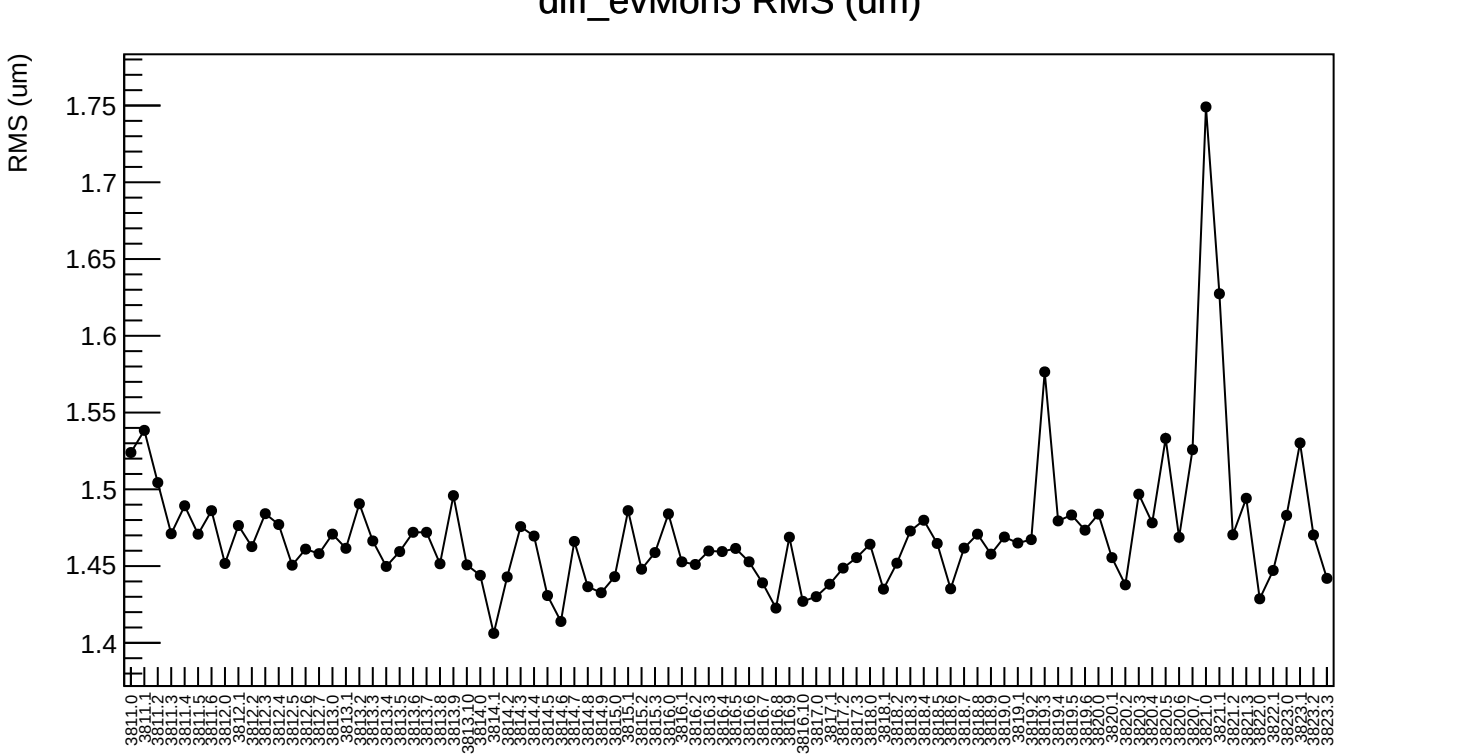

diff_evMon4 (nm)
χ² / ndf 110.9 / 89
p0 3.528 ± 3.943

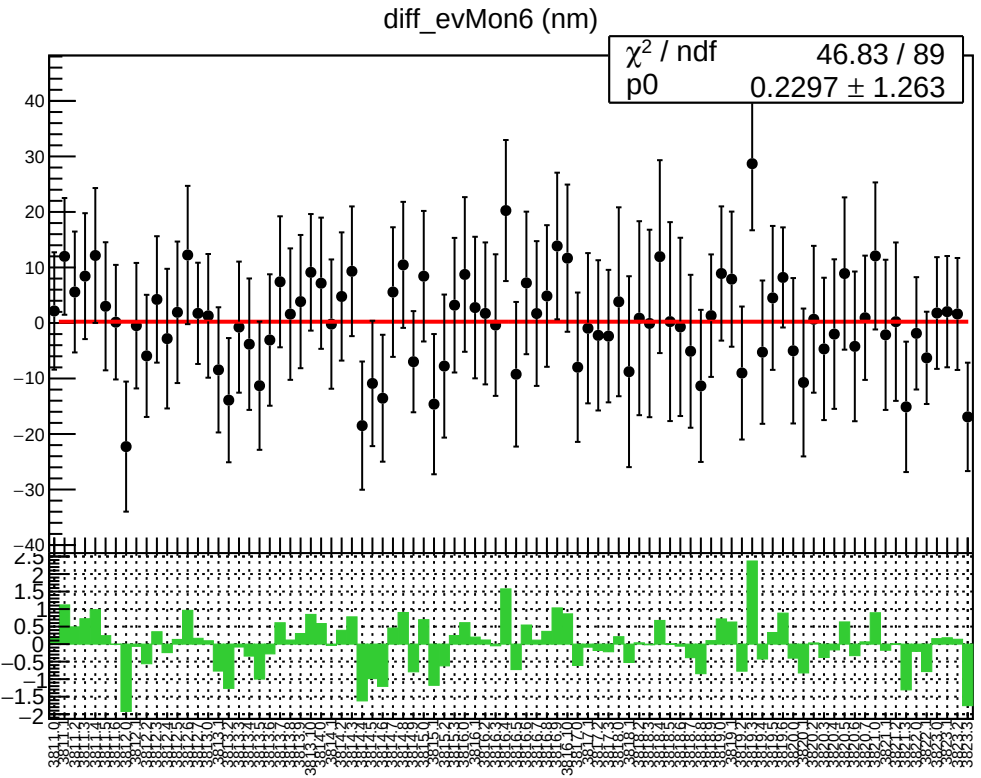

1D pull distribution
Mean 0.01747 ± 0.117
Std Dev 1.11 ± 0.08273
Underflow 0
Overflow 0
χ² / ndf 4.495 / 8
Constant 16.52 ± 2.56
Mean 0.02946 ± 0.12975
Sigma 1.117 ± 0.137

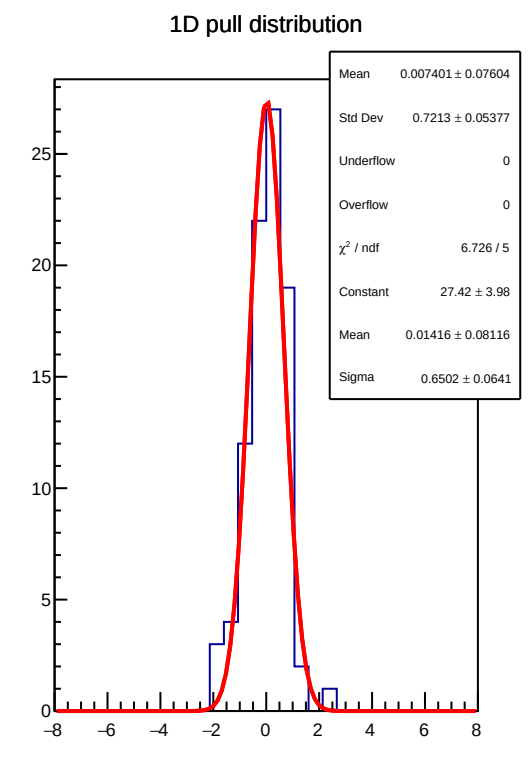

diff_evMon4 RMS (um)
RMS (um)
3.7
3.6
3.5
3.4
3.3
3.2
3.1
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

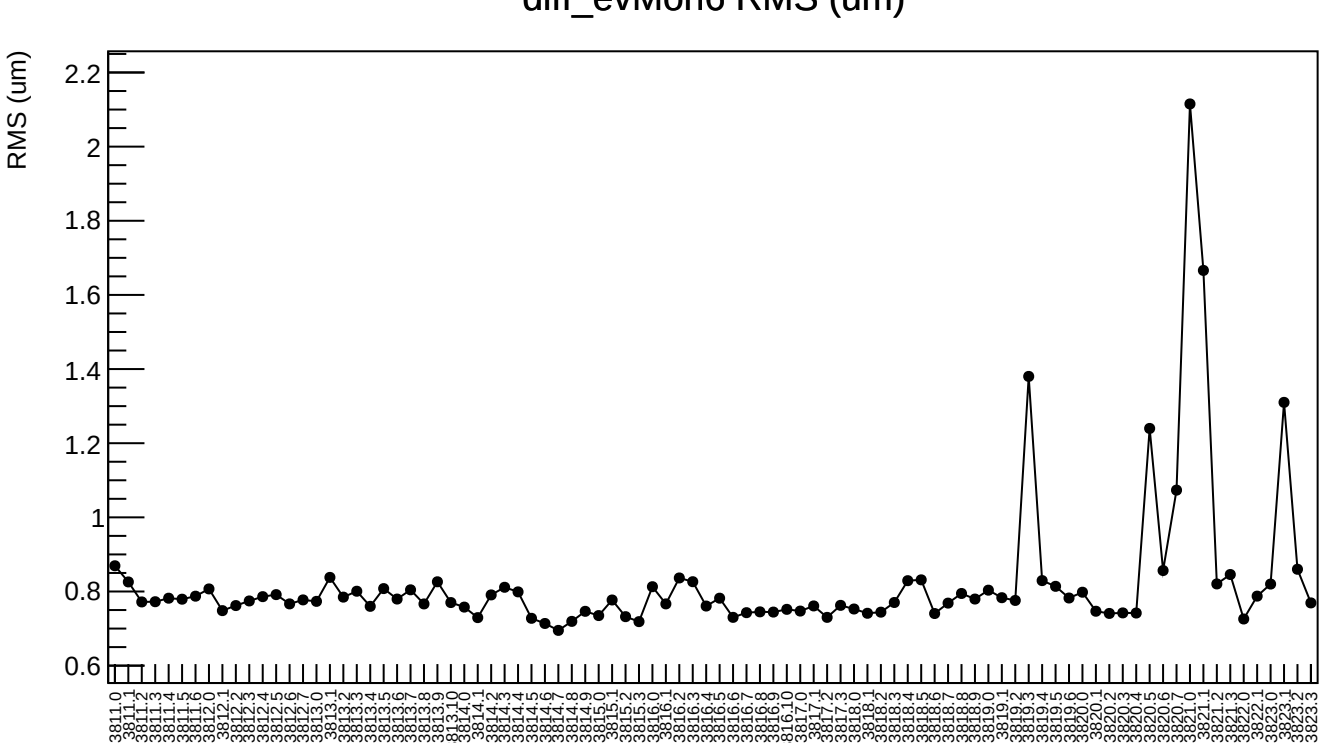

diff_evMon5 (nm)
χ² / ndf 57.62 / 89
p0 −1.698 ± 1.99

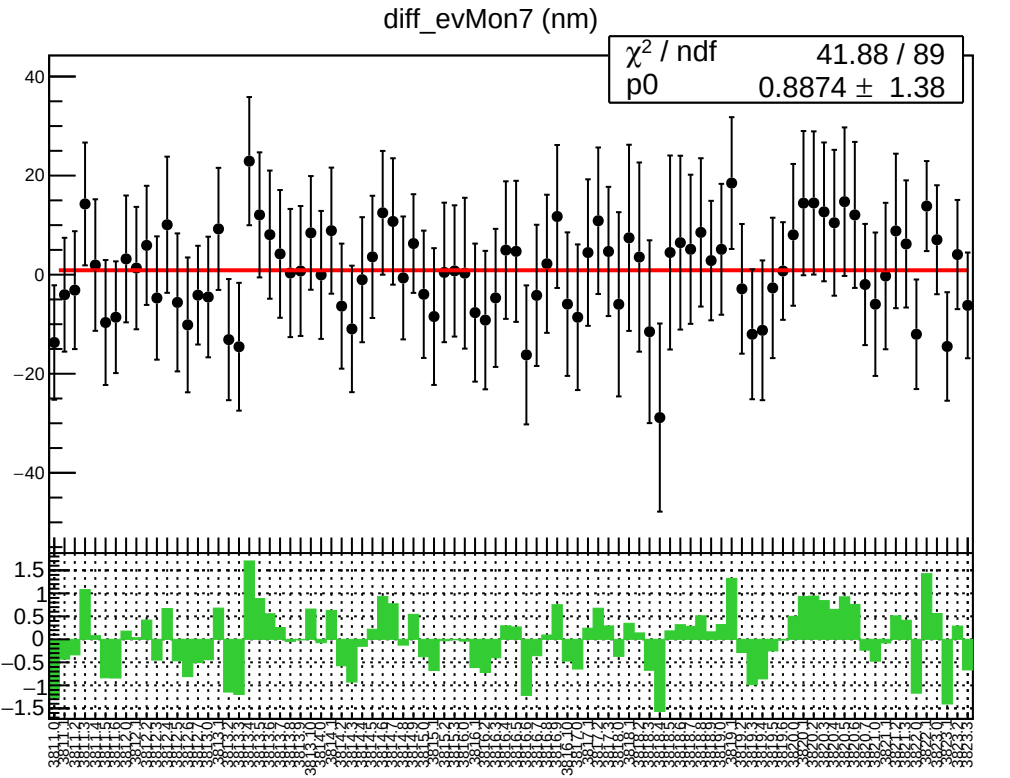

1D pull distribution
Mean 0.003662 ± 0.08434
Std Dev 0.8001 ± 0.05964
Underflow 0
Overflow 0
χ² / ndf 9.538 / 5
Constant 20.58 ± 2.98
Mean 0.01005 ± 0.10050
Sigma 0.8403 ± 0.0843

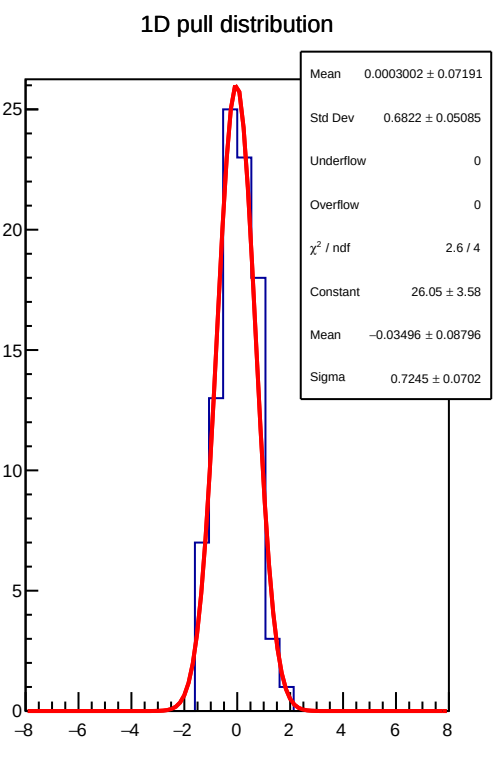

diff_evMon5 RMS (um)
RMS (um)
1.75
1.7
1.65
1.6
1.55
1.5
1.45
1.4
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3823.1
3823.2
3823.3

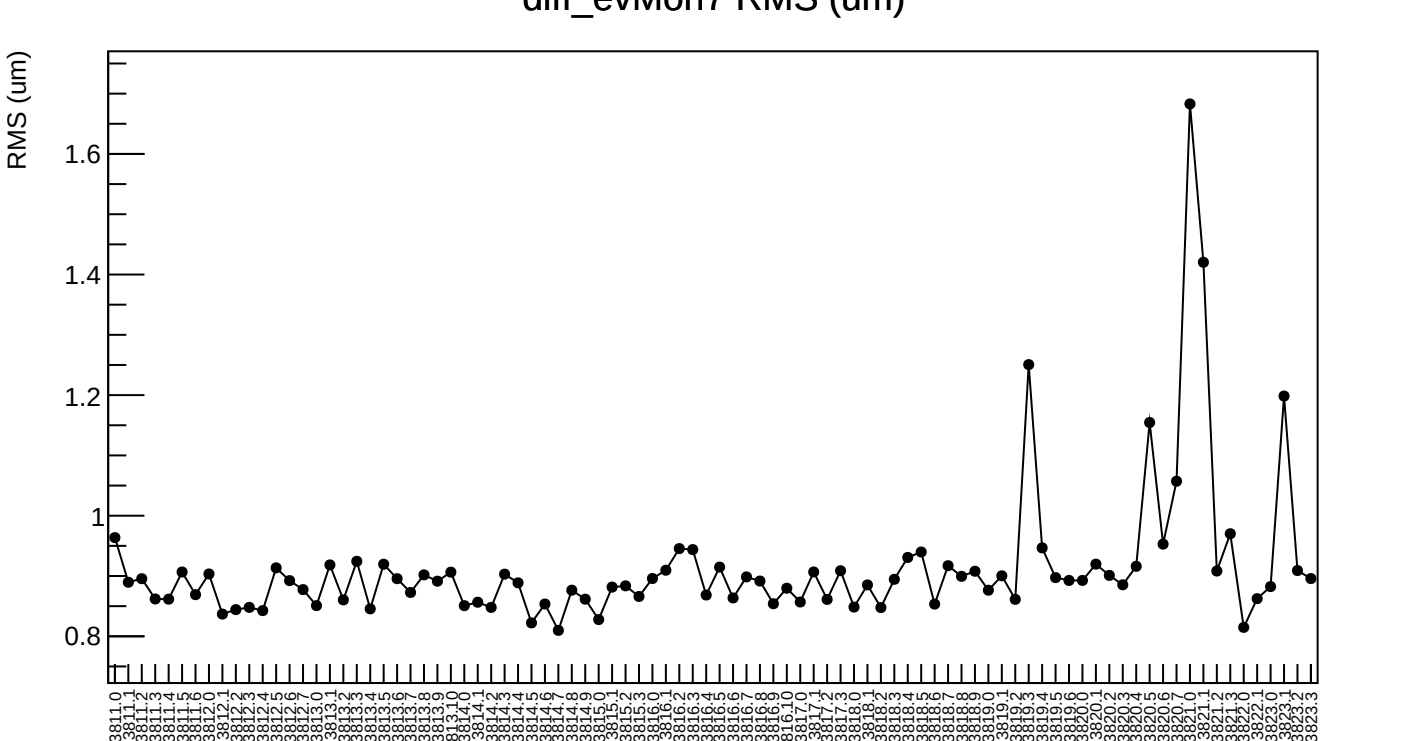

diff_evMon6 (nm)
χ² / ndf 46.83 / 89
p0 0.2297 ± 1.263

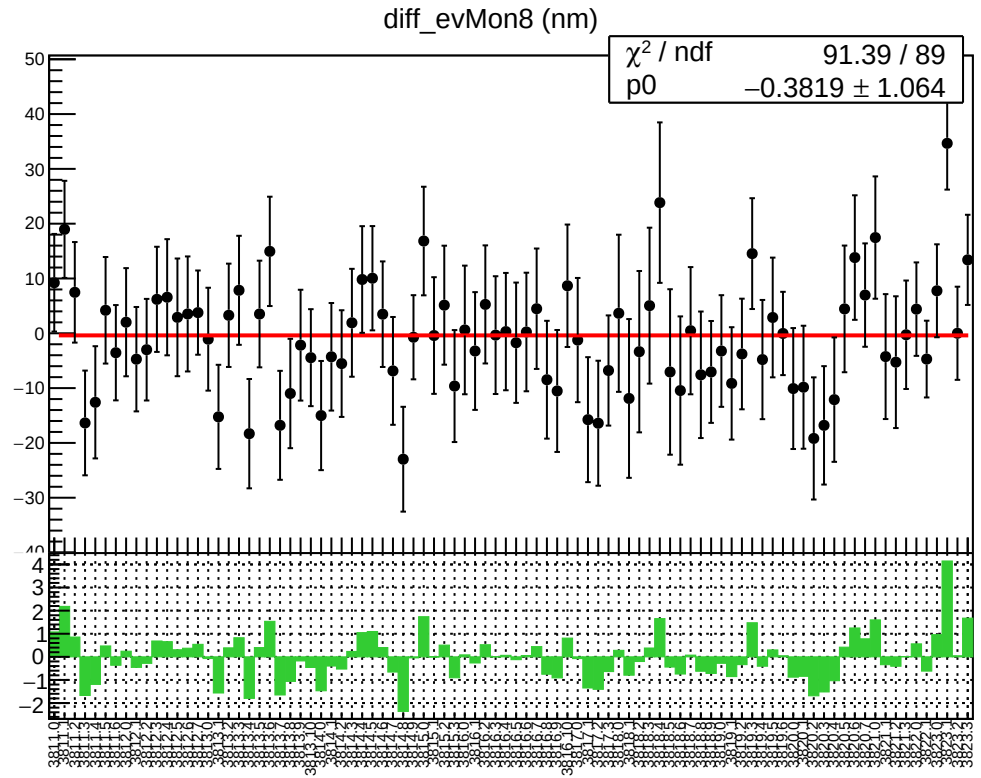

1D pull distribution
Mean 0.007401 ± 0.07604
Std Dev 0.7213 ± 0.05377
Underflow 0
Overflow 0
χ² / ndf 6.726 / 5
Constant 27.42 ± 3.98
Mean 0.01416 ± 0.08116
Sigma 0.6502 ± 0.0641

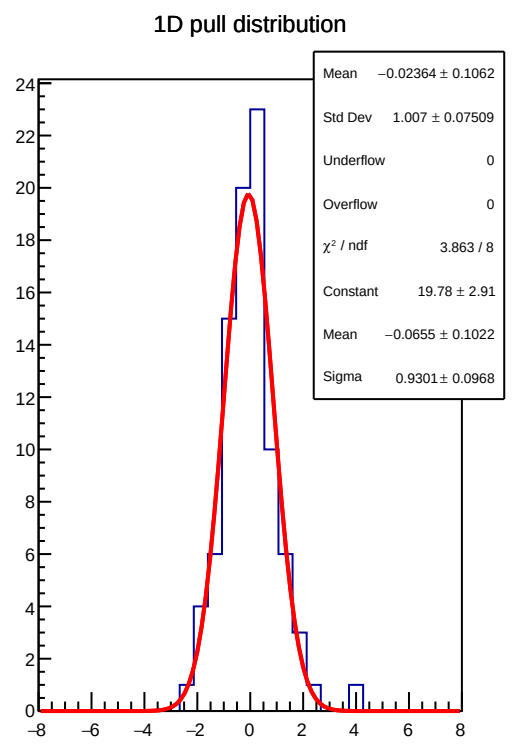

diff_evMon6 RMS (um)
RMS (um)
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.2
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

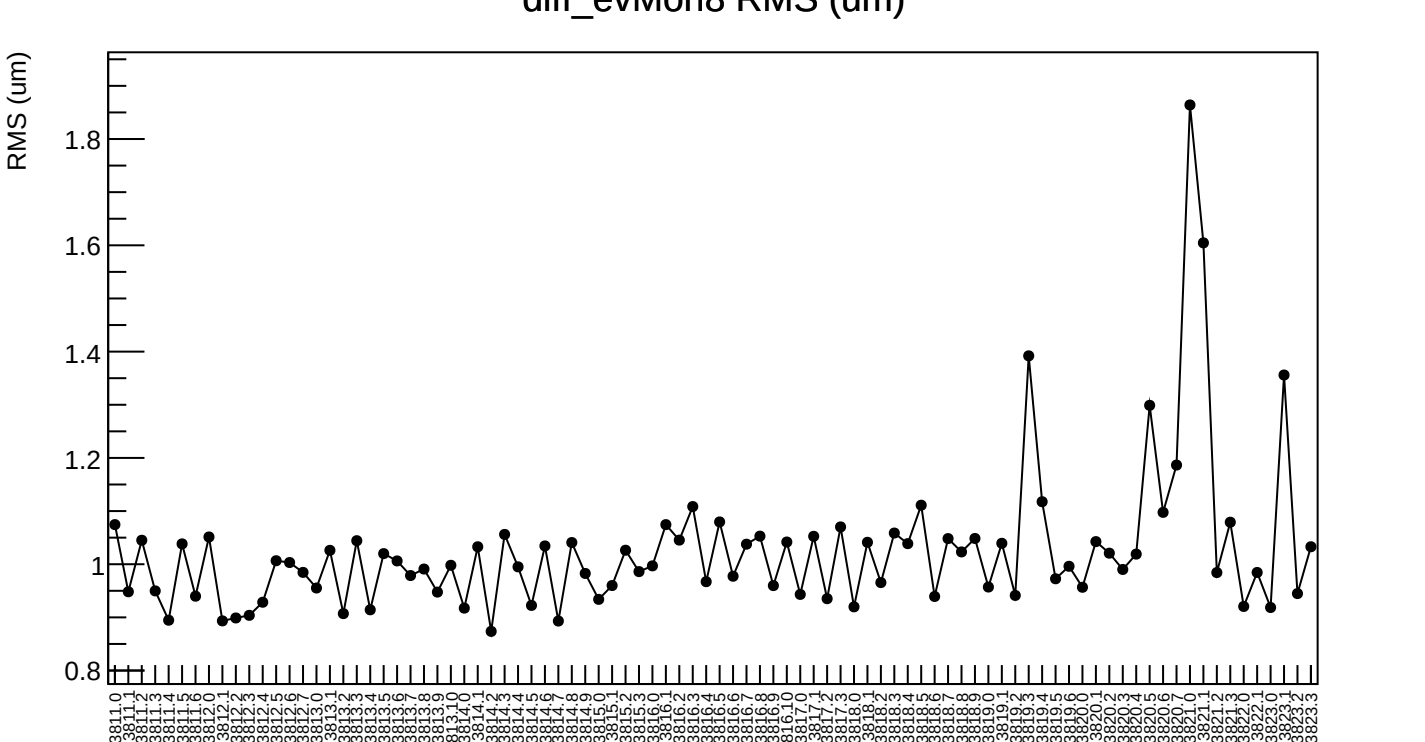

diff_evMon7 (nm)
χ² / ndf 41.88 / 89
p0 0.8874 ± 1.38

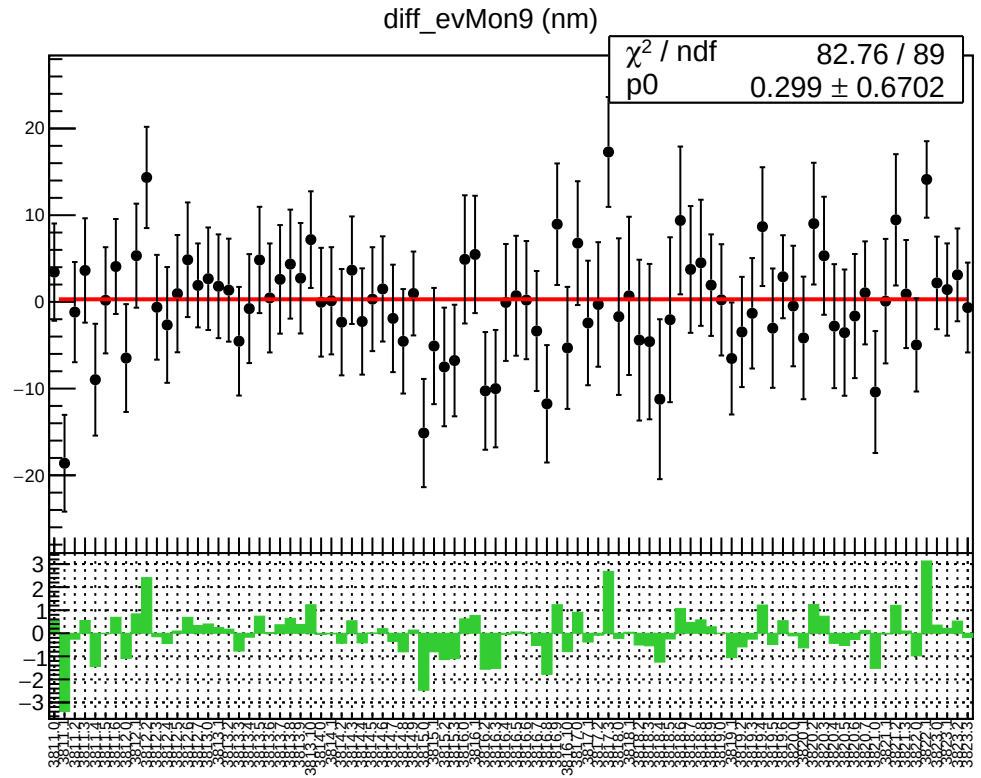

1D pull distribution
Mean 0.0003002 ± 0.07191
Std Dev 0.6822 ± 0.05085
Underflow 0
Overflow 0
χ² / ndf 2.6 / 4
Constant 26.05 ± 3.58
Mean −0.03496 ± 0.08796
Sigma 0.7245 ± 0.0702

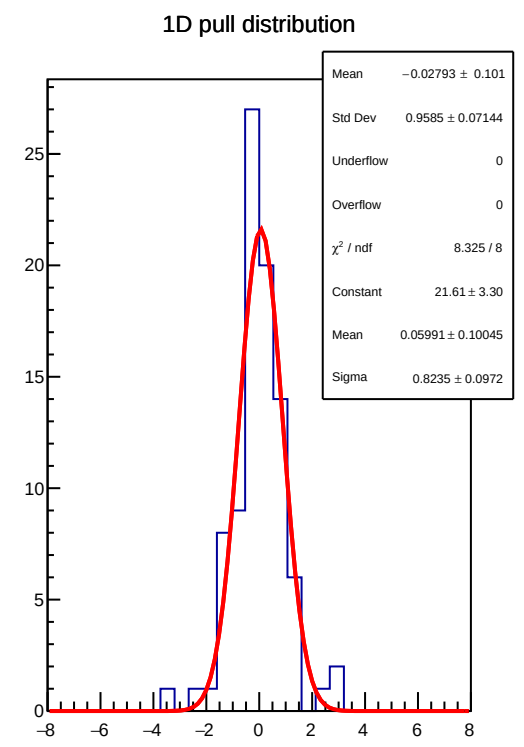

diff_evMon7 RMS (um)
RMS (um)
1.6
1.4
1.2
1
0.8
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

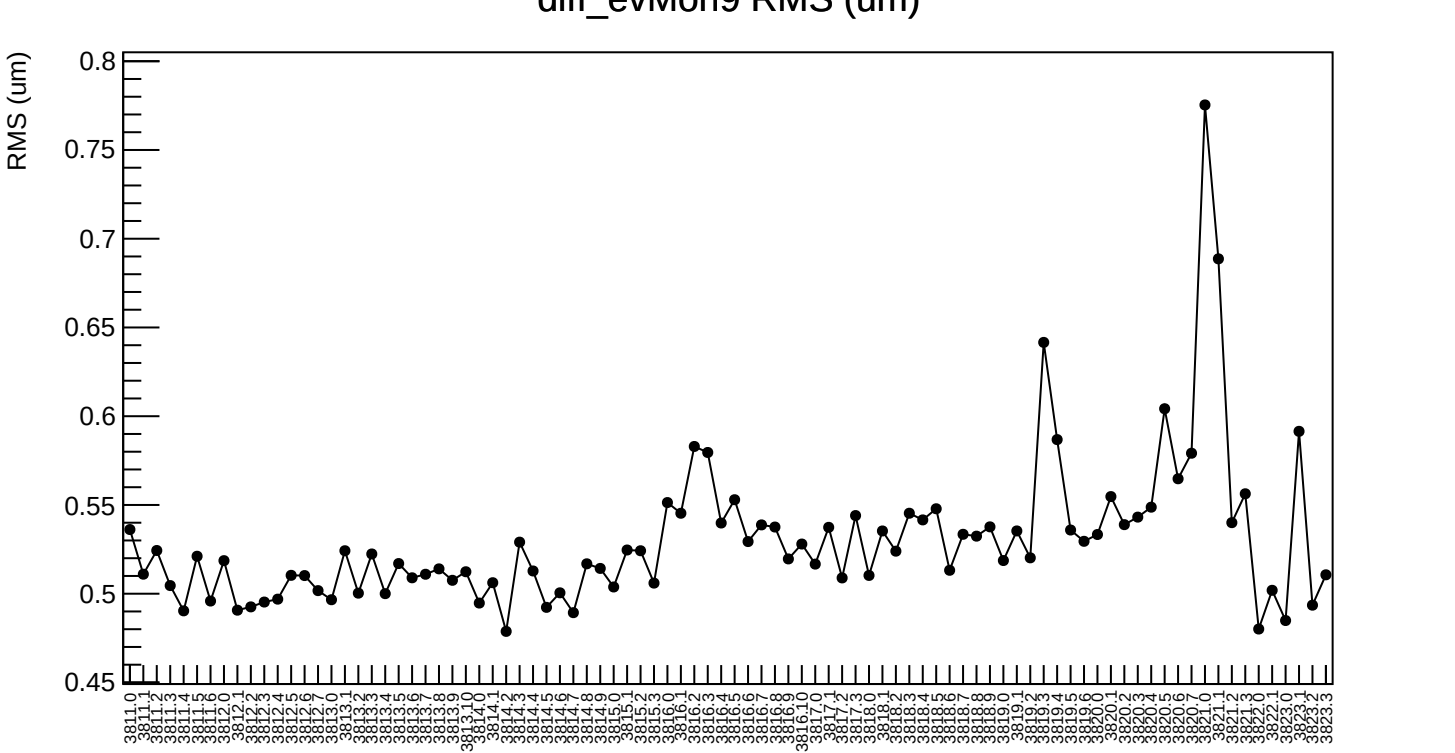

diff_evMon8 (nm)
χ² / ndf 91.39 / 89
p0 −0.3819 ± 1.064

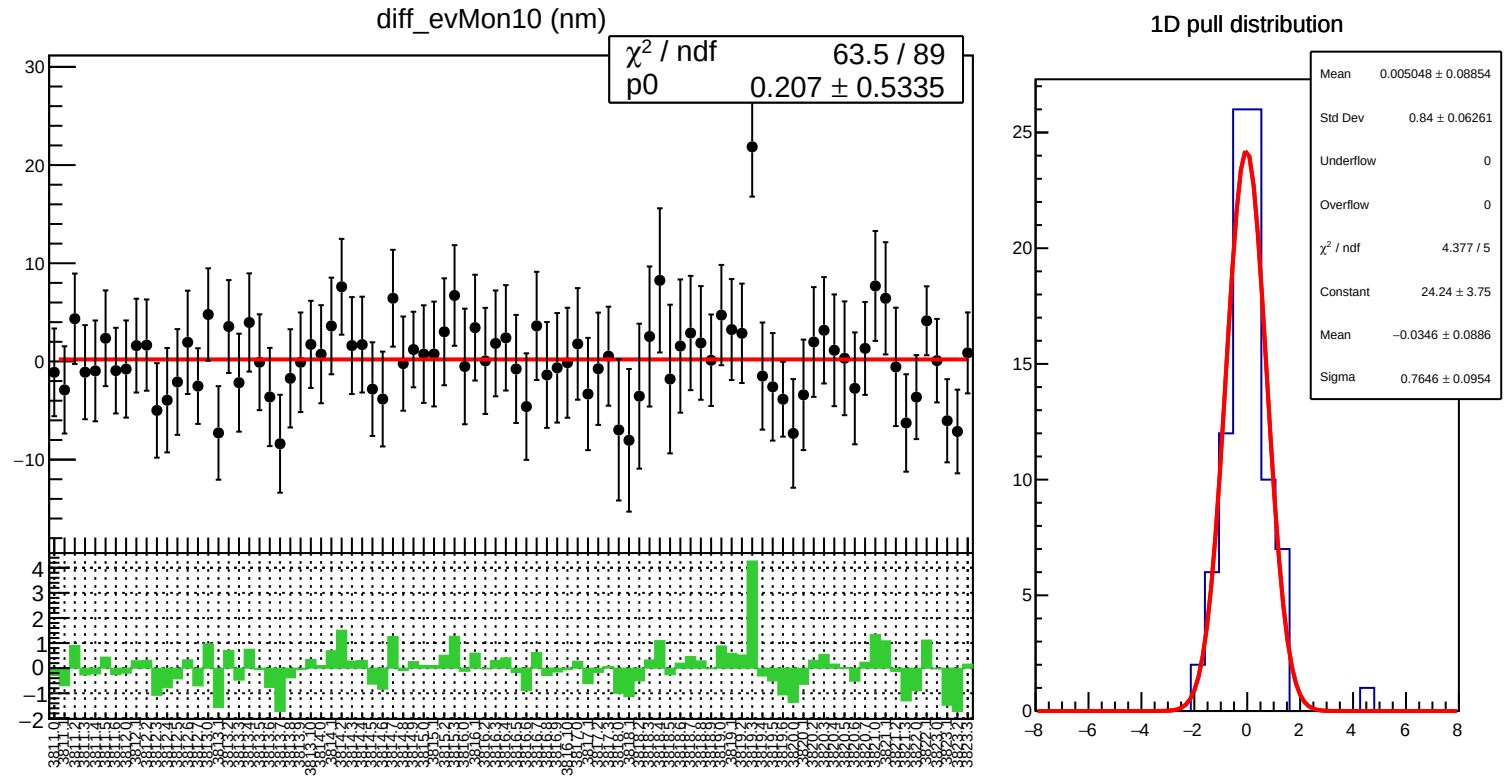

1D pull distribution
Mean −0.02364 ± 0.1062
Std Dev 1.007 ± 0.07509
Underflow 0
Overflow 0
χ² / ndf 3.863 / 8
Constant 19.78 ± 2.91
Mean −0.0655 ± 0.1022
Sigma 0.9301 ± 0.0968

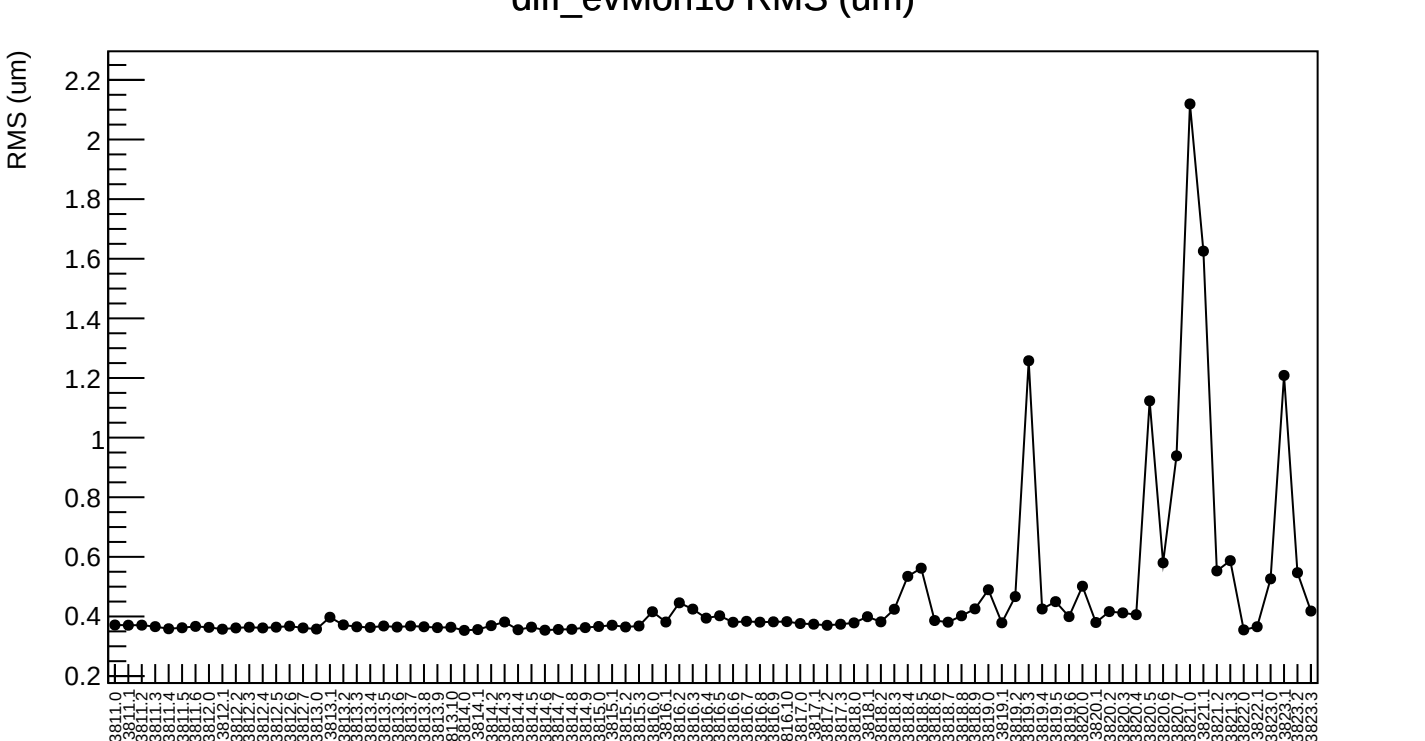

diff_evMon8 RMS (um)
RMS (um)
0.8
1
1.2
1.4
1.6
1.8
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

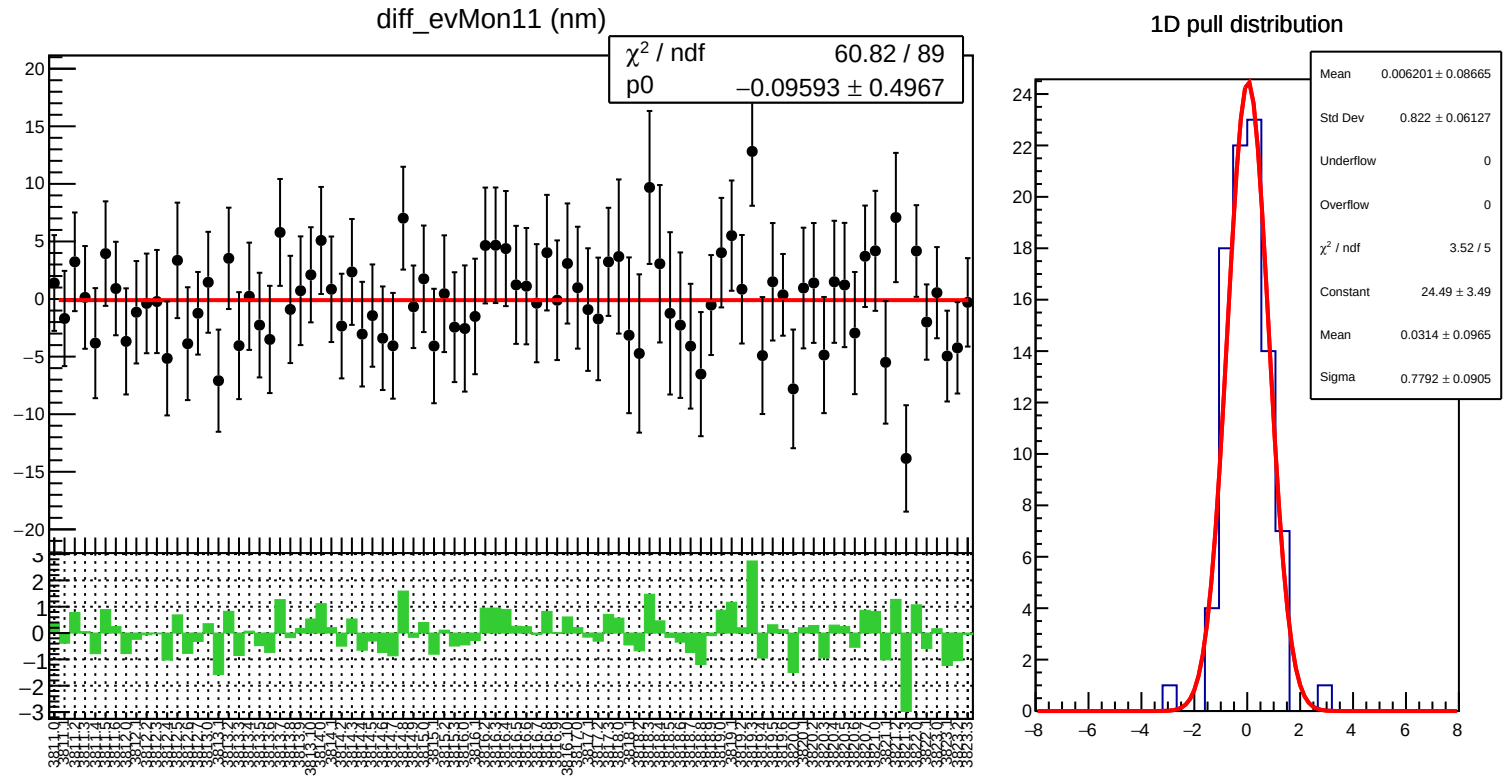

diff_evMon9 (nm)
χ² / ndf 82.76 / 89
p0 0.299 ± 0.6702

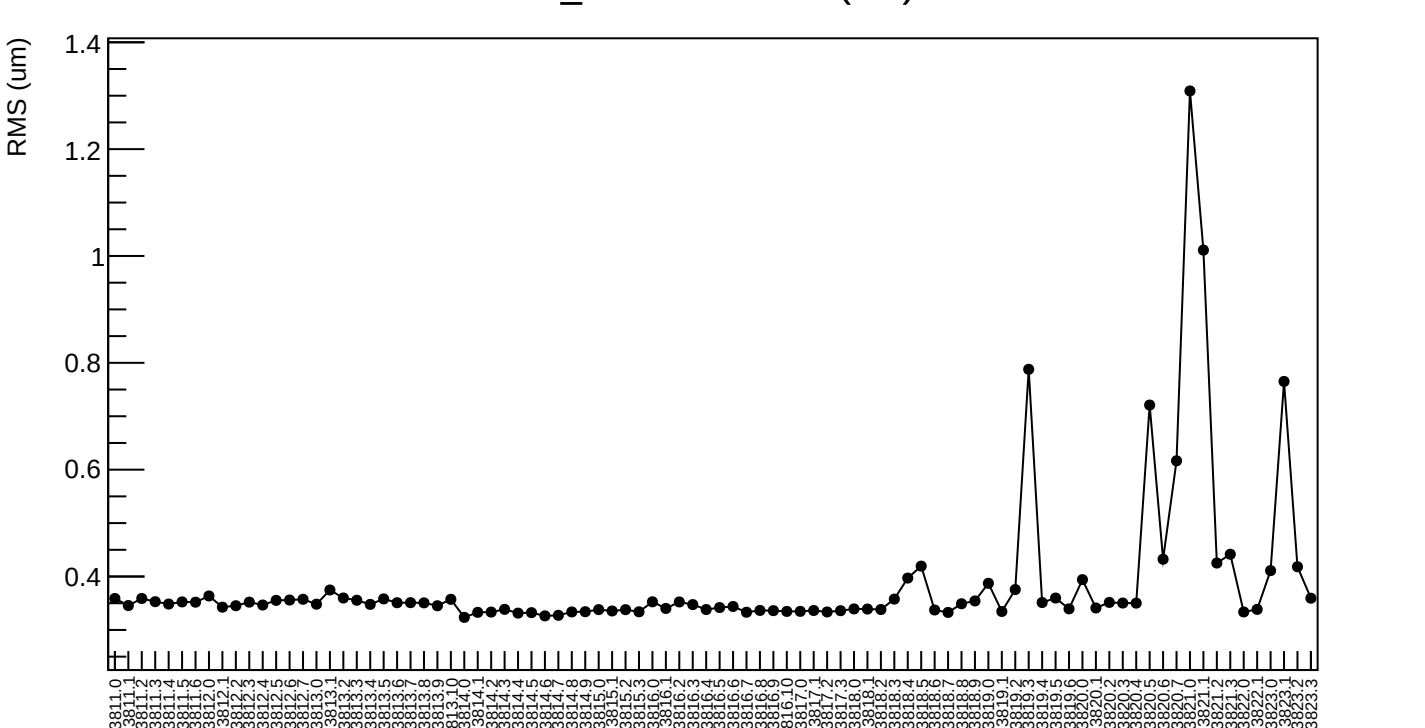

1D pull distribution
Mean −0.02793 ± 0.101
Std Dev 0.9585 ± 0.07144
Underflow 0
Overflow 0
χ² / ndf 8.325 / 8
Constant 21.61 ± 3.30
Mean 0.05991 ± 0.10045
Sigma 0.8235 ± 0.0972

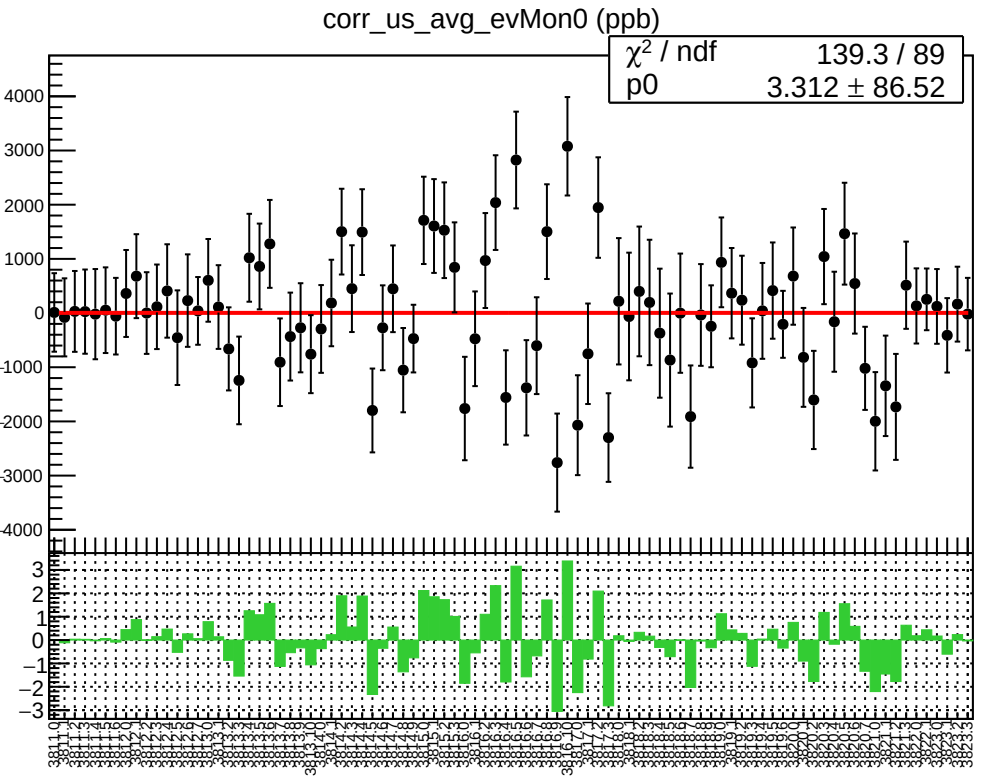

diff_evMon9 RMS (um)
RMS (um)
0.8
0.75
0.7
0.65
0.6
0.55
0.5
0.45
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

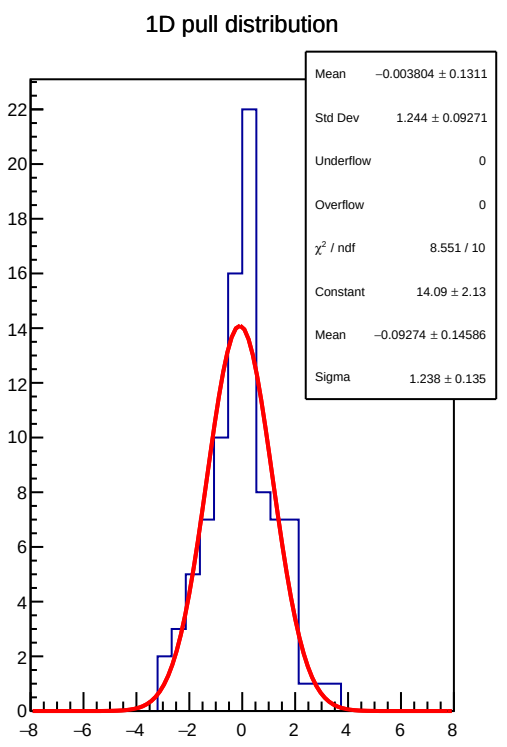

diff_evMon10 (nm)
χ² / ndf 63.5 / 89
p0 0.207 ± 0.5335
1D pull distribution
Mean 0.005048 ± 0.08854
Std Dev 0.84 ± 0.06261
Underflow 0
Overflow 0
χ² / ndf 4.377 / 5
Constant 24.24 ± 3.75
Mean −0.0346 ± 0.0886
Sigma 0.7646 ± 0.0954

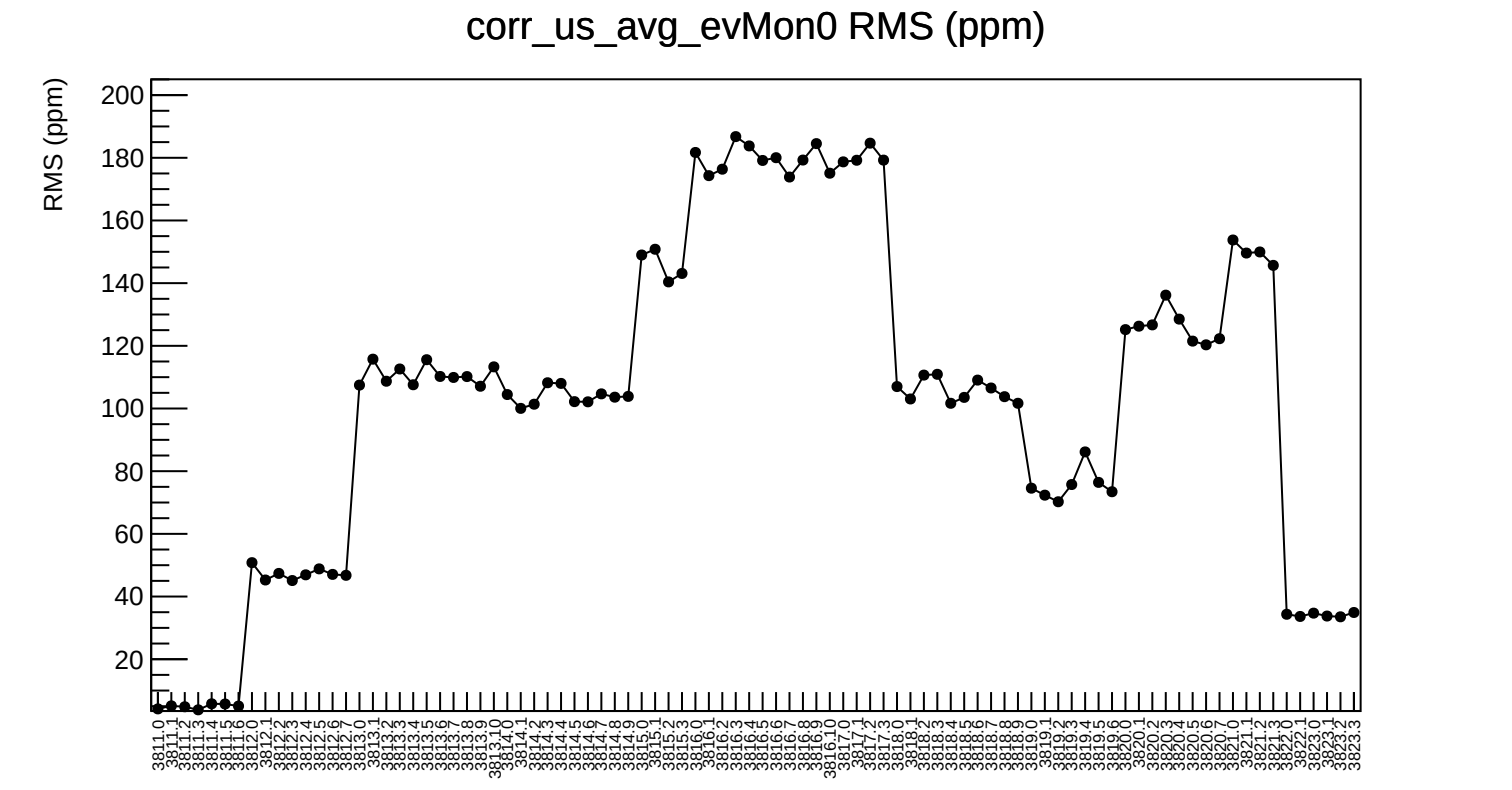

diff_evMon10 RMS (um)
RMS (um)
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

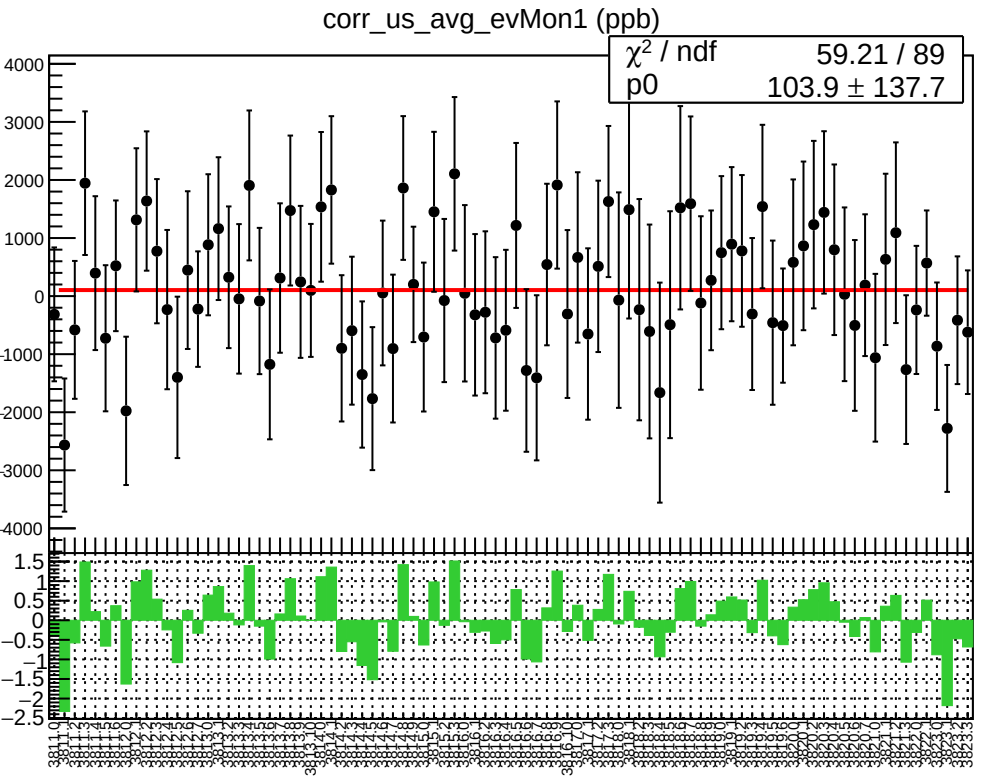

diff_evMon11 (nm)
χ² / ndf 60.82 / 89
p0 −0.09593 ± 0.4967
1D pull distribution
Mean 0.006201 ± 0.08665
Std Dev 0.822 ± 0.06127
Underflow 0
Overflow 0
χ² / ndf 3.52 / 5
Constant 24.49 ± 3.49
Mean 0.0314 ± 0.0965
Sigma 0.7792 ± 0.0905

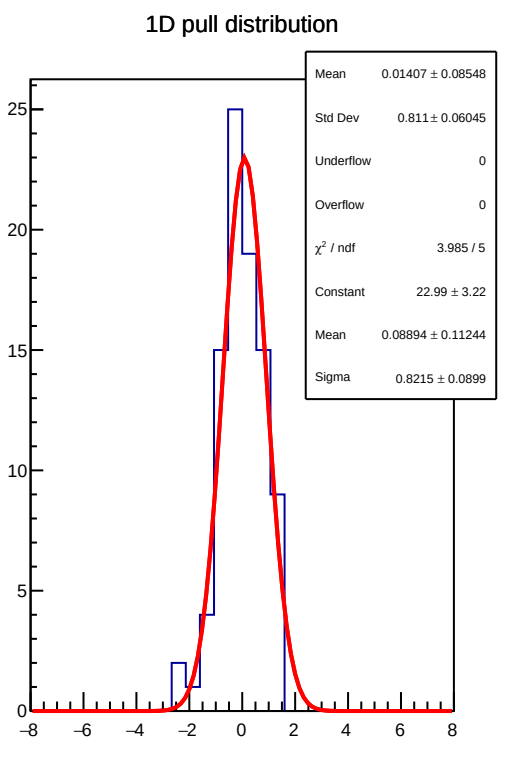

diff_evMon11 RMS (um)
RMS (um)
1.4
1.2
1
0.8
0.6
0.4
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.2
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

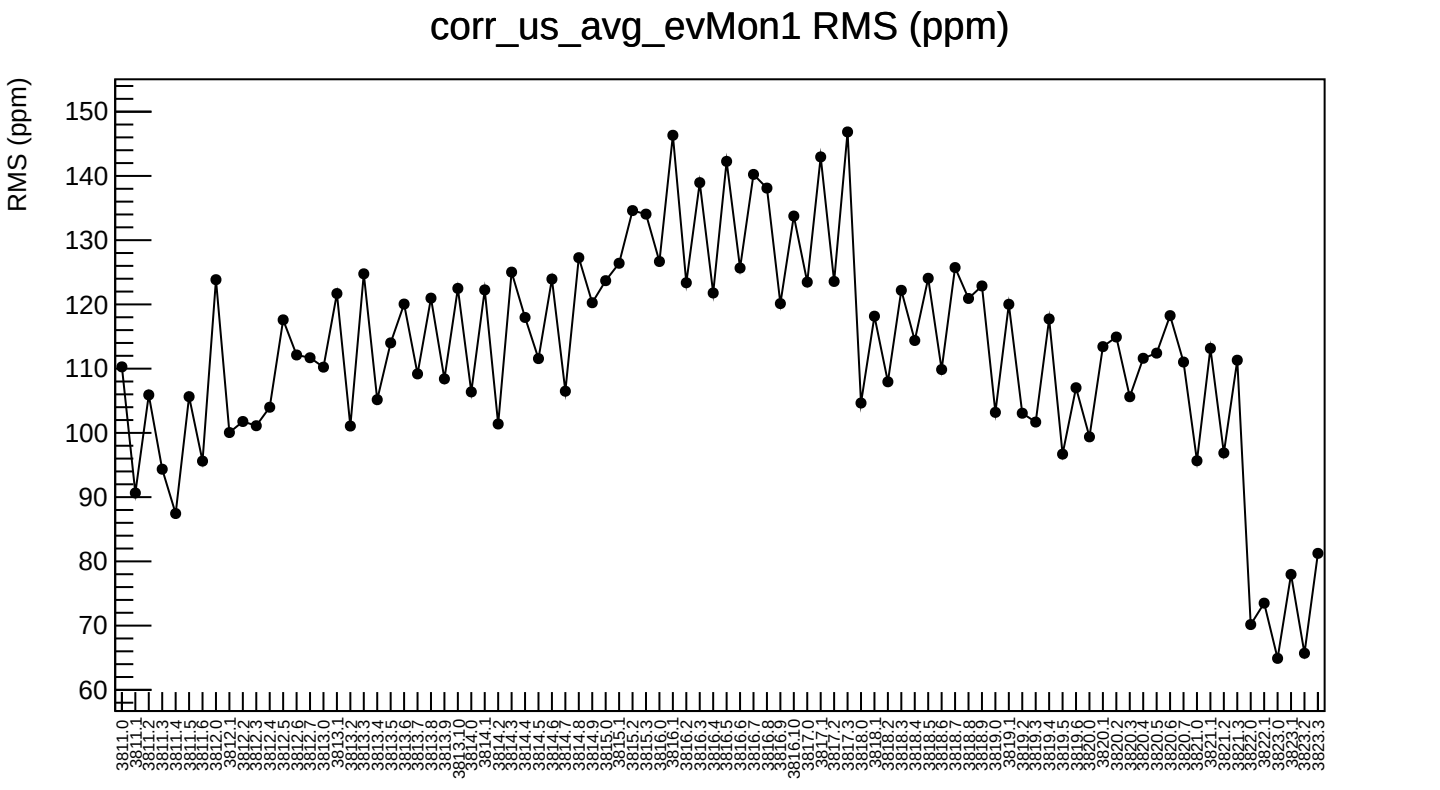

corr_us_avg_evMon0 (ppb)
χ² / ndf 139.3 / 89
p0 3.312 ± 86.52

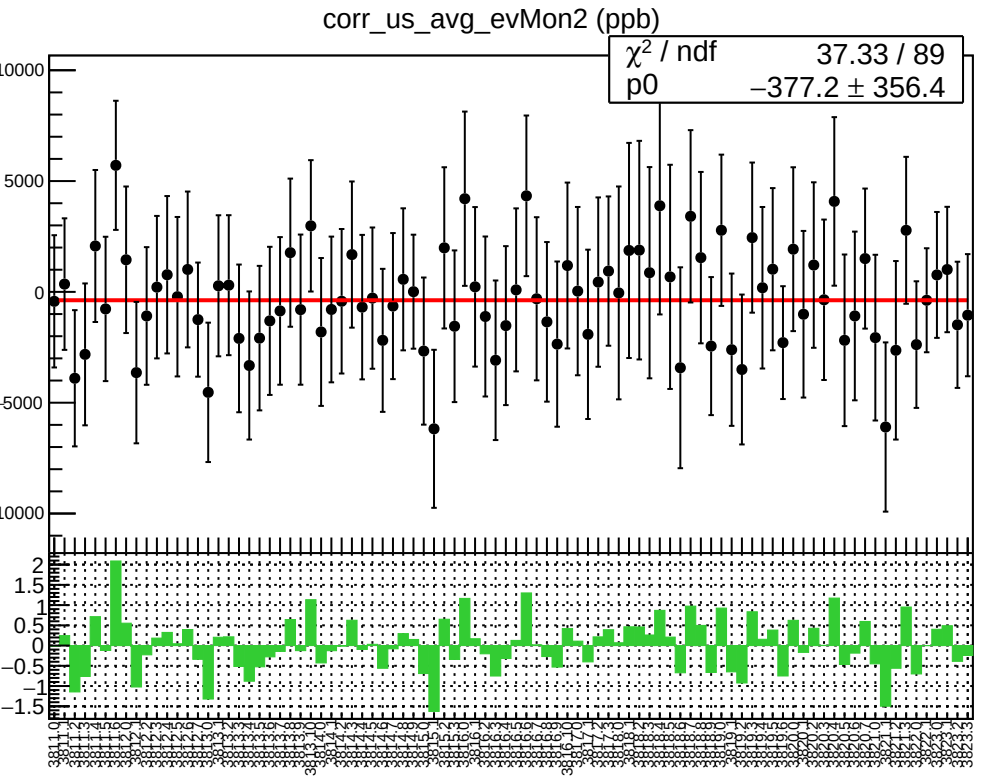

1D pull distribution
Mean −0.003804 ± 0.1311
Std Dev 1.244 ± 0.09271
Underflow 0
Overflow 0
χ² / ndf 8.551 / 10
Constant 14.09 ± 2.13
Mean −0.09274 ± 0.14586
Sigma 1.238 ± 0.135

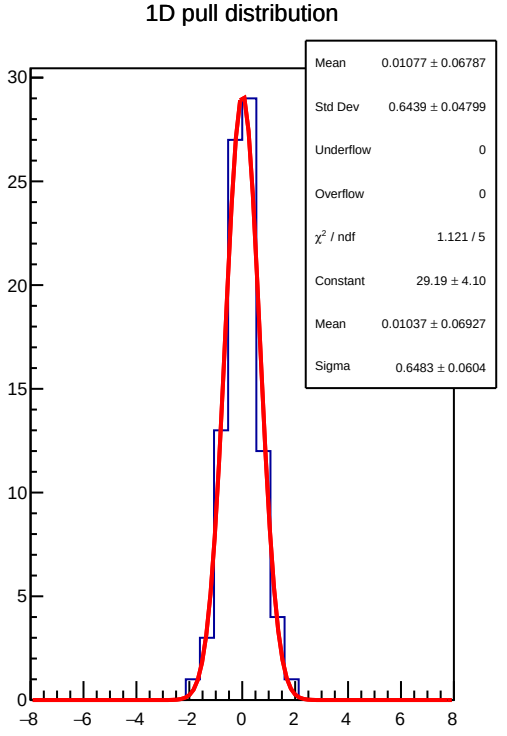

corr_us_avg_evMon0 RMS (ppm)
RMS (ppm)
200
180
160
140
120
100
80
60
40
20
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.2
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.0
3823.1
3823.2
3823.3

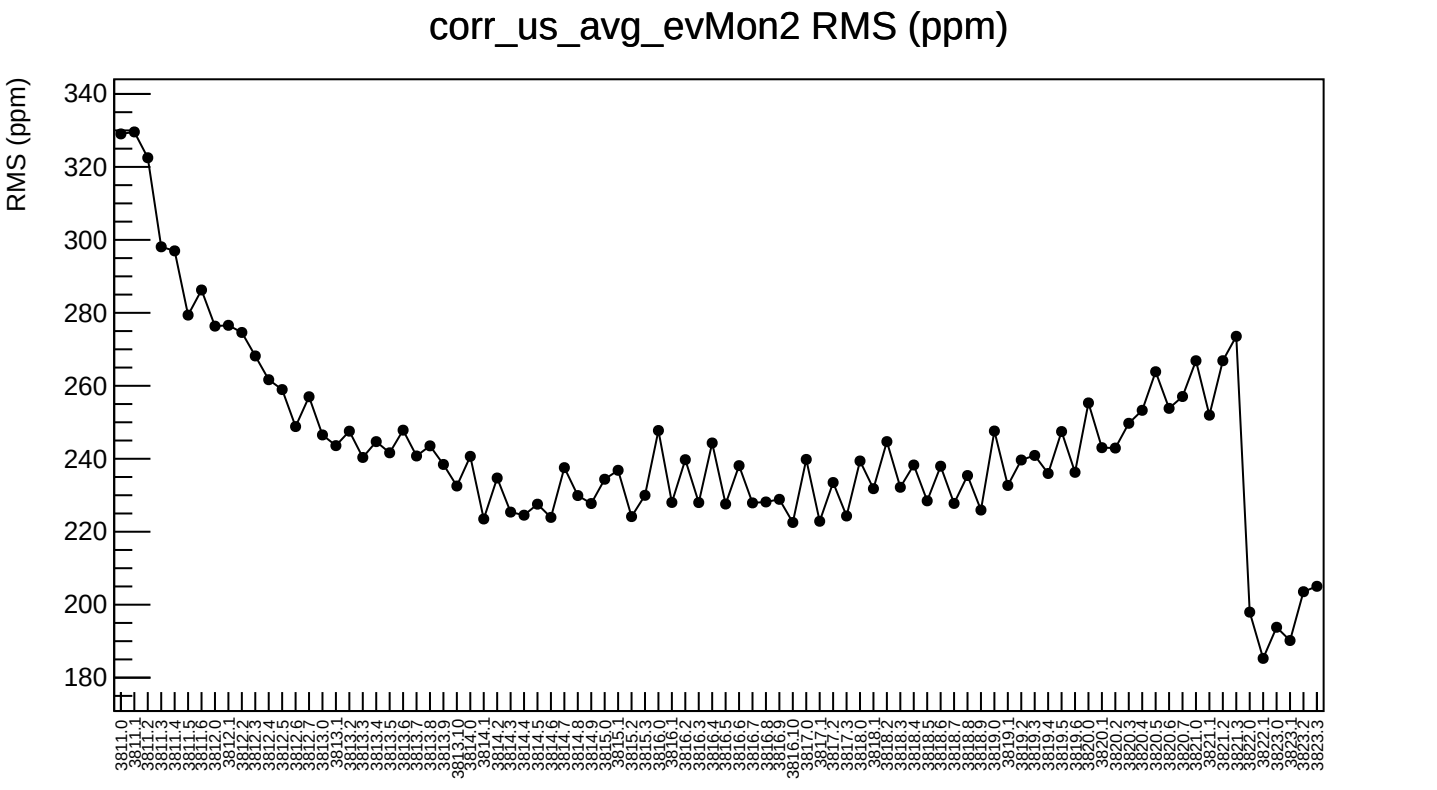

corr_us_avg_evMon1 (ppb)
χ² / ndf 59.21 / 89
p0 103.9 ± 137.7

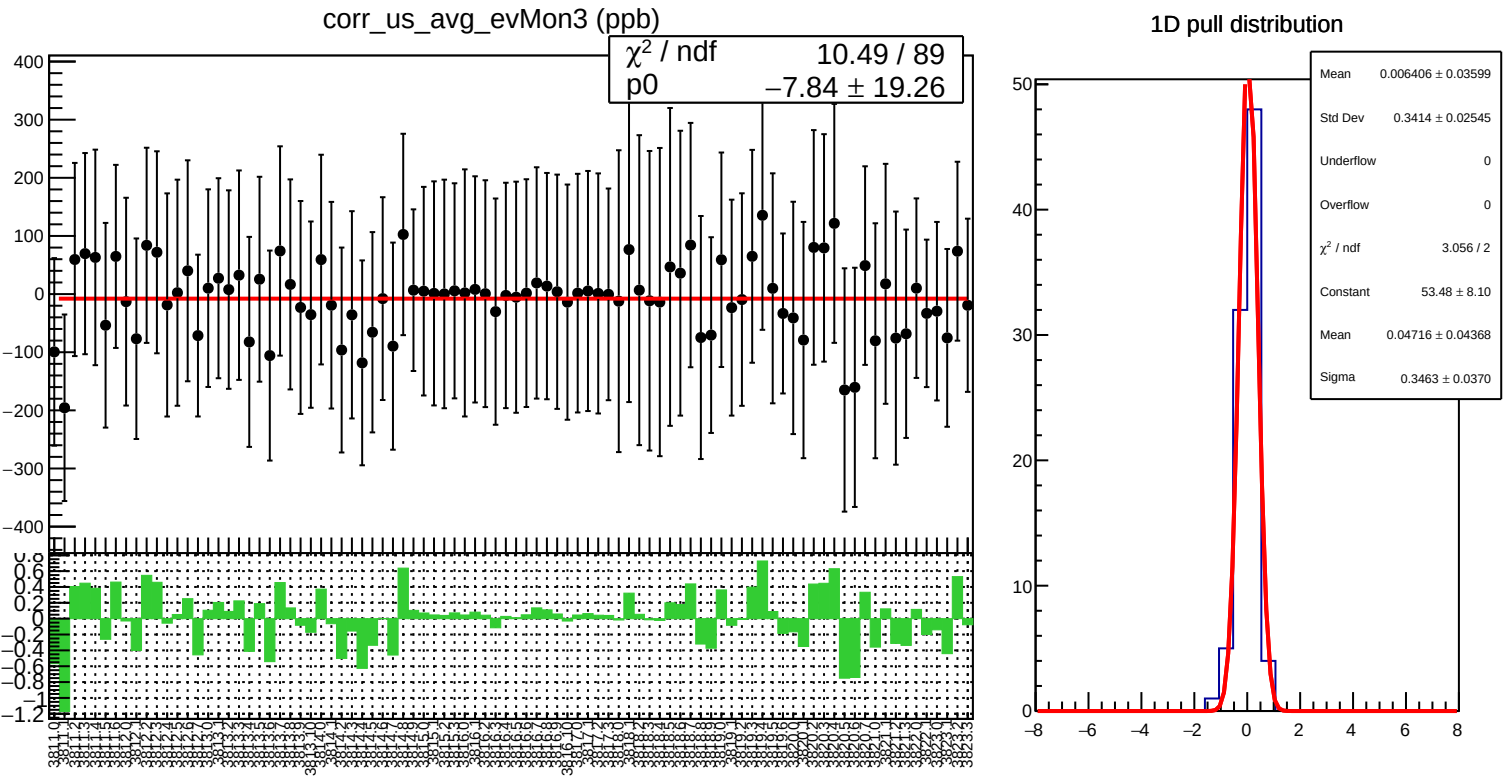

1D pull distribution
Mean 0.01407 ± 0.08548
Std Dev 0.811 ± 0.06045
Underflow 0
Overflow 0
χ² / ndf 3.985 / 5
Constant 22.99 ± 3.22
Mean 0.08894 ± 0.11244
Sigma 0.8215 ± 0.0899

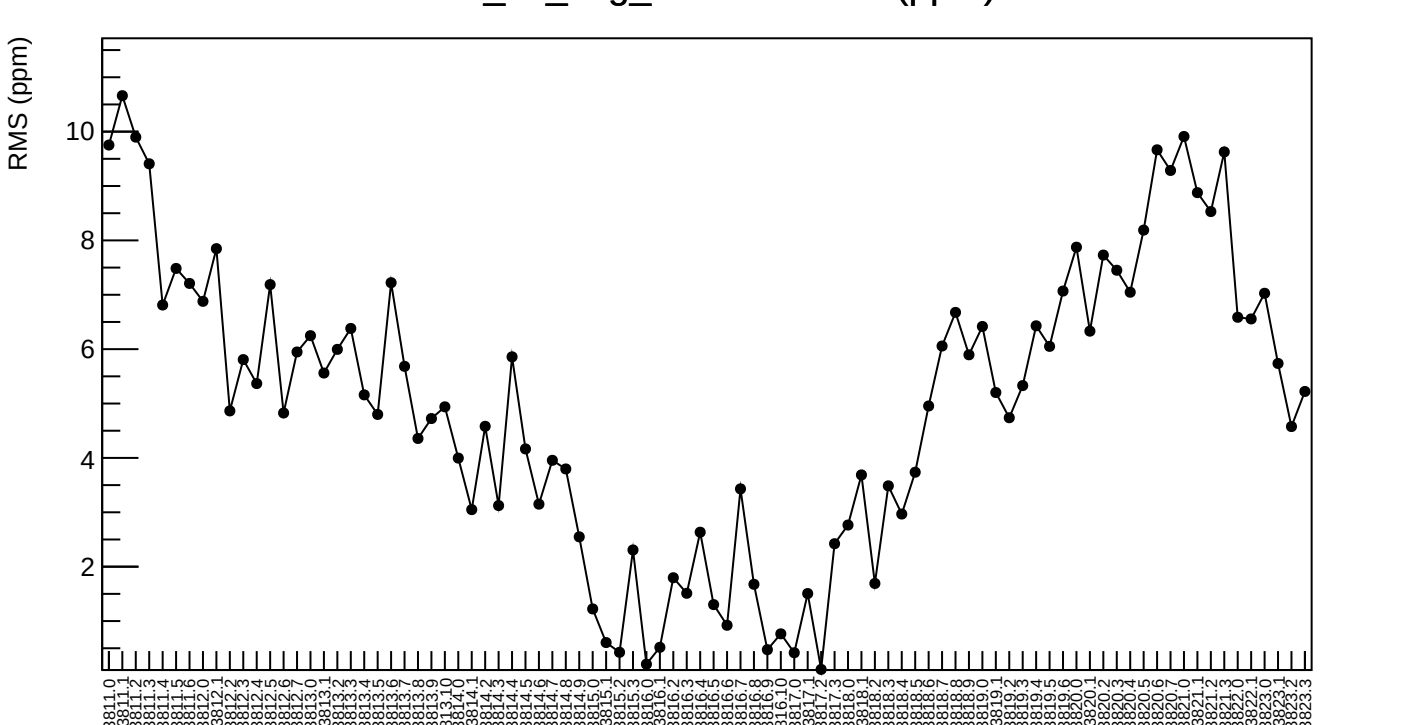

corr_us_avg_evMon1 RMS (ppm)
RMS (ppm)
150
140
130
120
110
100
90
80
70
60
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

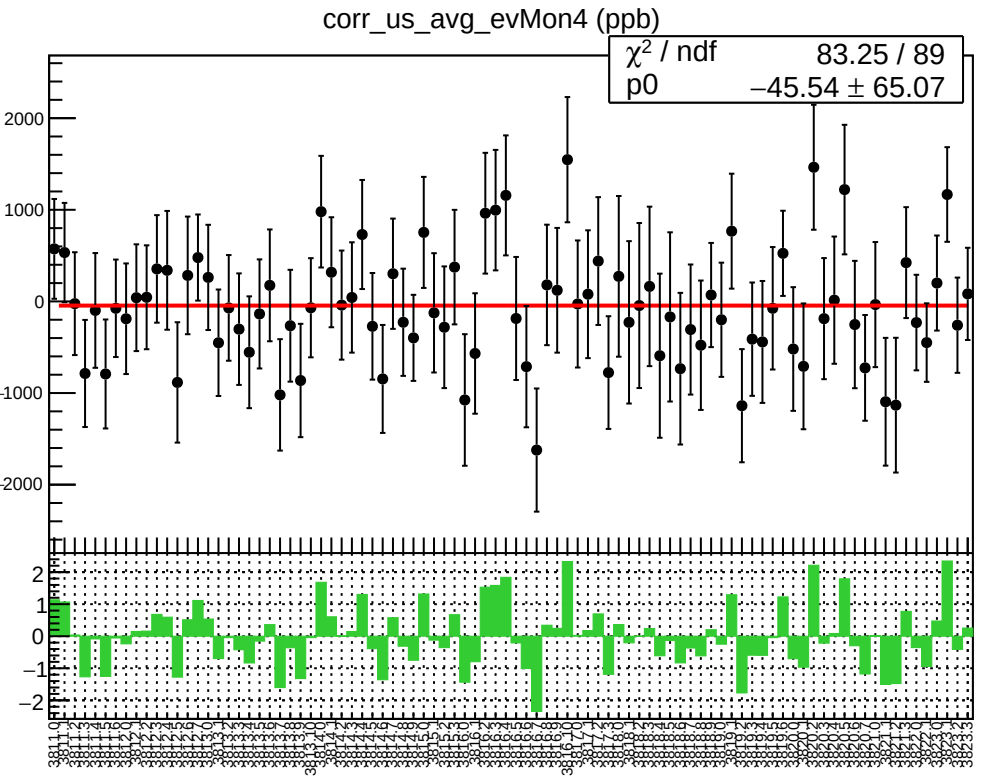

corr_us_avg_evMon2 (ppb)
χ² / ndf 37.33 / 89
p0 −377.2 ± 356.4
10000
5000
0
−5000
−10000
2
1.5
1
0.5
0
−0.5
−1
−1.5

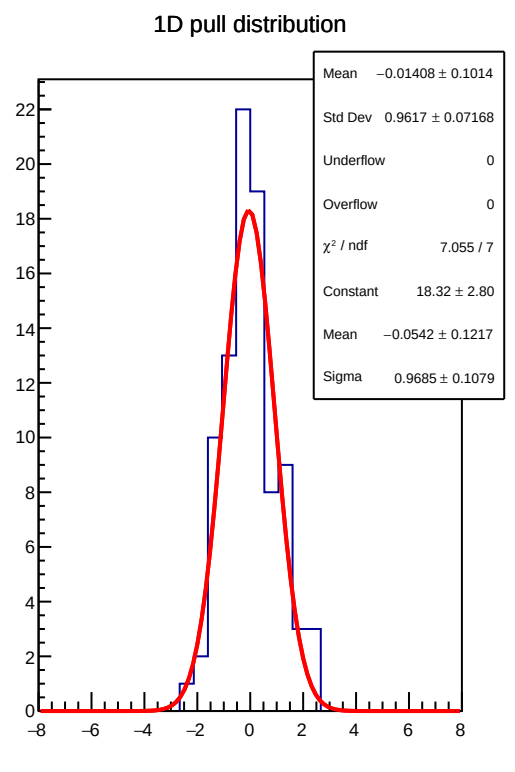

1D pull distribution
Mean 0.01077 ± 0.06787
Std Dev 0.6439 ± 0.04799
Underflow 0
Overflow 0
χ² / ndf 1.121 / 5
Constant 29.19 ± 4.10
Mean 0.01037 ± 0.06927
Sigma 0.6483 ± 0.0604
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

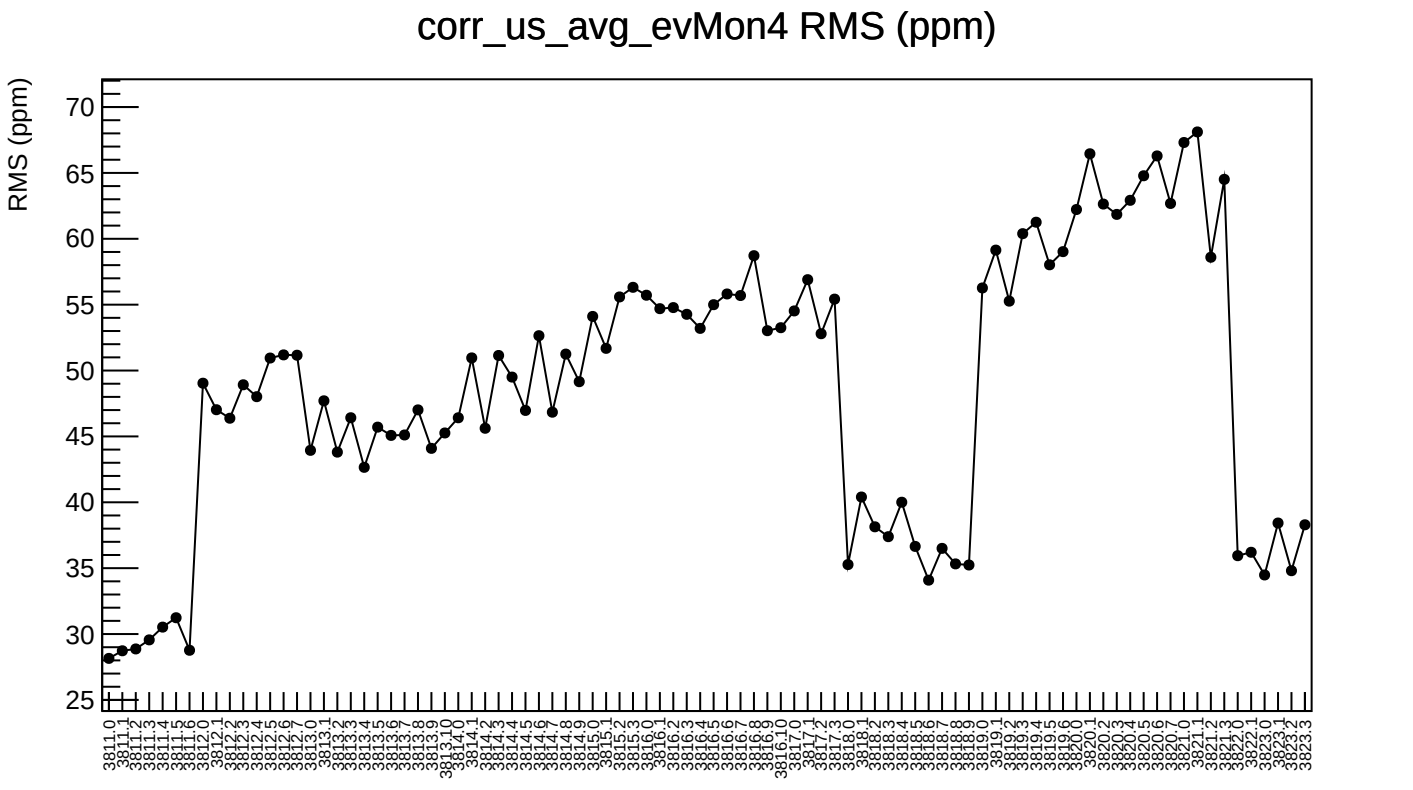

corr_us_avg_evMon2 RMS (ppm)
RMS (ppm)
340
320
300
280
260
240
220
200
180
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

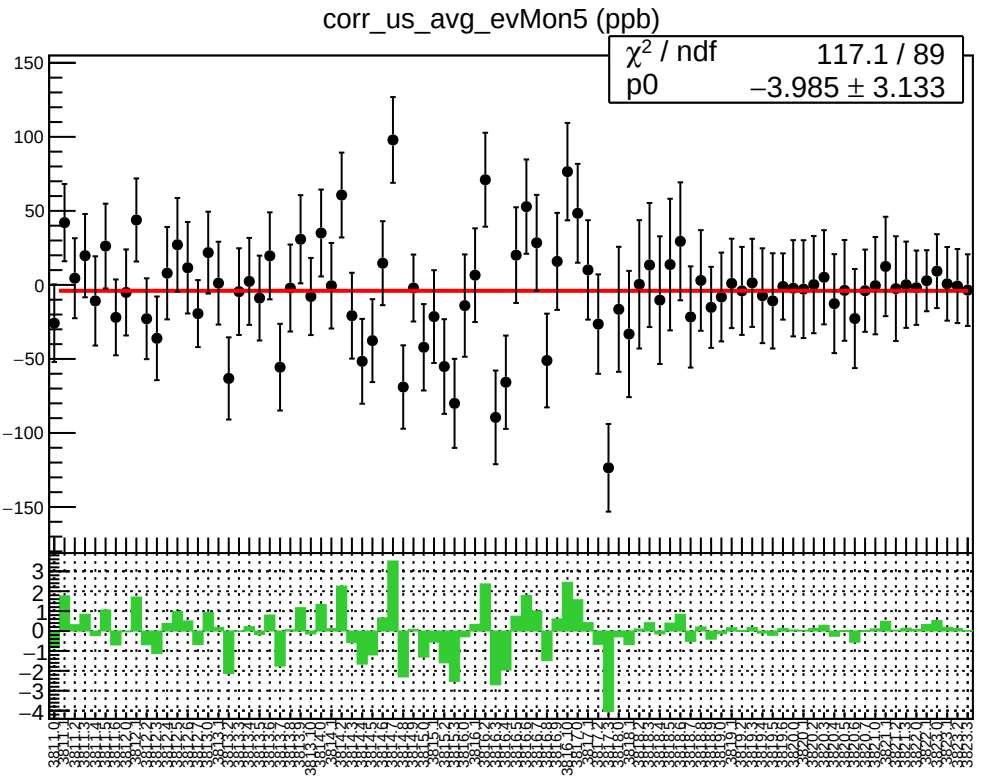

corr_us_avg_evMon3 (ppb)
χ² / ndf 10.49 / 89
p0 −7.84 ± 19.26
1D pull distribution
Mean 0.006406 ± 0.03599
Std Dev 0.3414 ± 0.02545
Underflow 0
Overflow 0
χ² / ndf 3.056 / 2
Constant 53.48 ± 8.10
Mean 0.04716 ± 0.04368
Sigma 0.3463 ± 0.0370

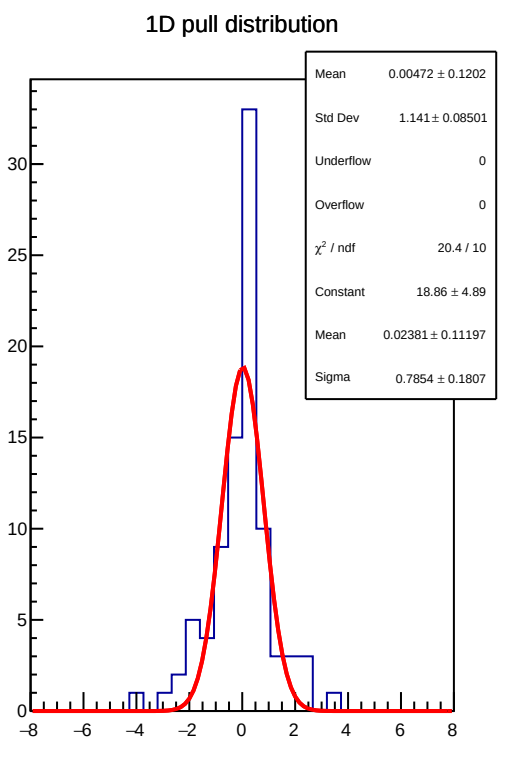

corr_us_avg_evMon3 RMS (ppm)
RMS (ppm)
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

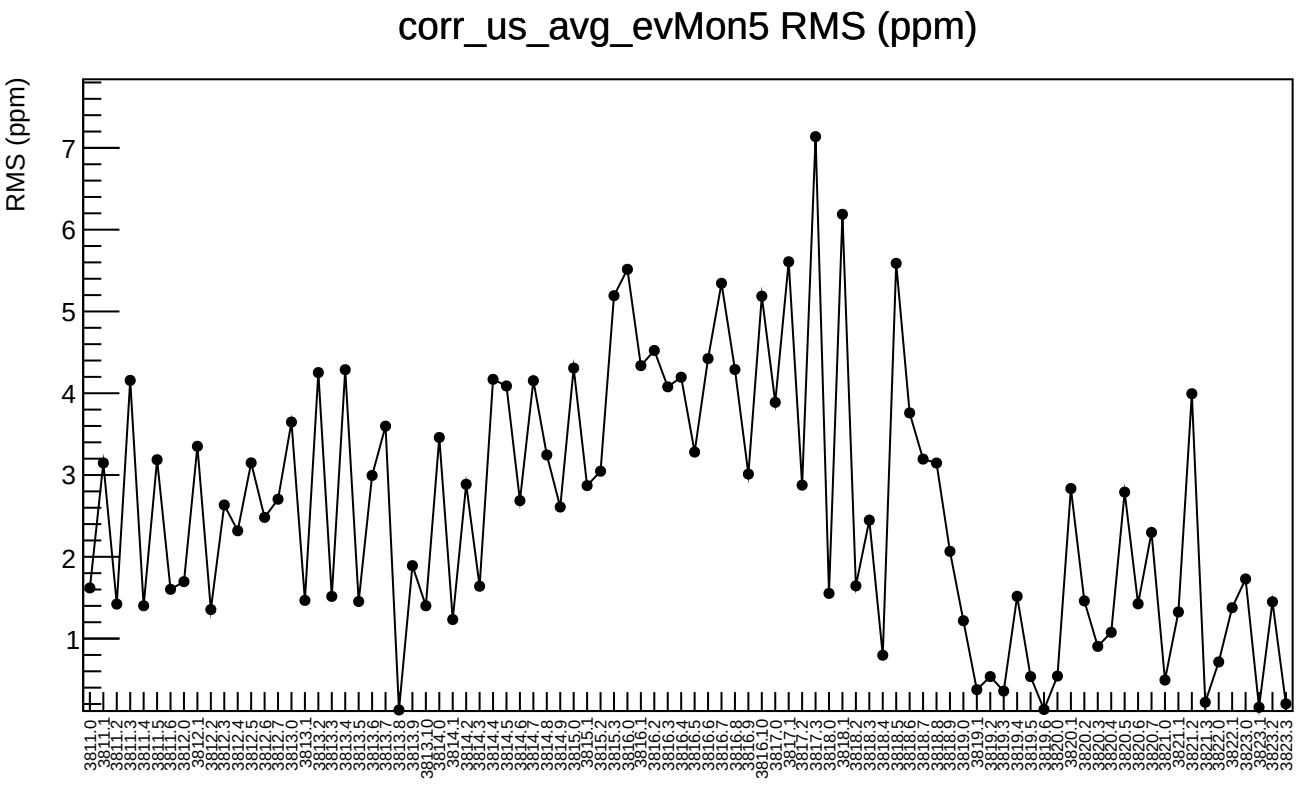

corr_us_avg_evMon4 (ppb)
χ² / ndf 83.25 / 89
p0 −45.54 ± 65.07
2000
1000
0
-1000
-2000
2
1
0
−1
−2

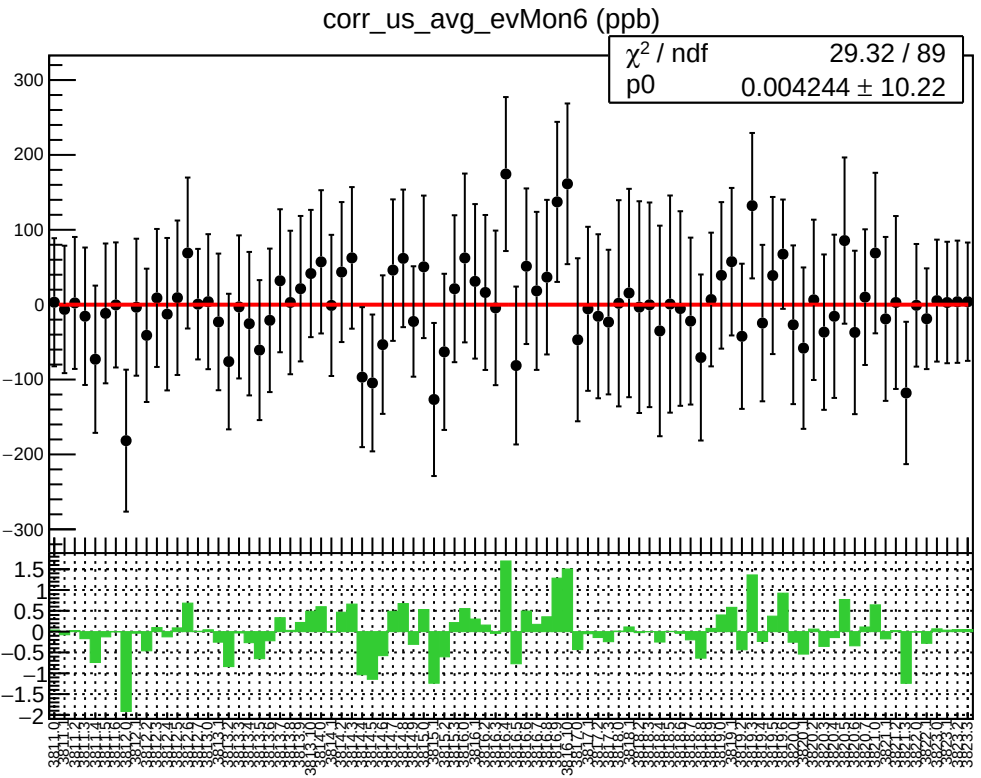

1D pull distribution
Mean −0.01408 ± 0.1014
Std Dev 0.9617 ± 0.07168
Underflow 0
Overflow 0
χ² / ndf 7.055 / 7
Constant 18.32 ± 2.80
Mean −0.0542 ± 0.1217
Sigma 0.9685 ± 0.1079
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

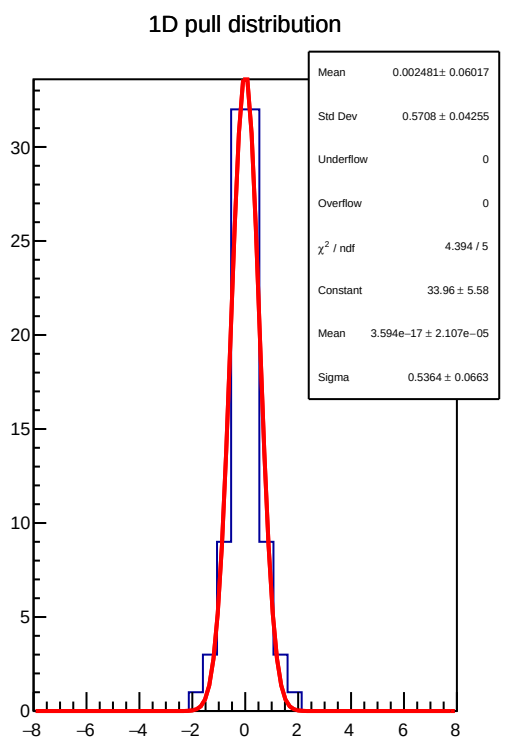

corr_us_avg_evMon4 RMS (ppm)
RMS (ppm)
70
65
60
55
50
45
40
35
30
25
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.0
3823.1
3823.2
3823.3

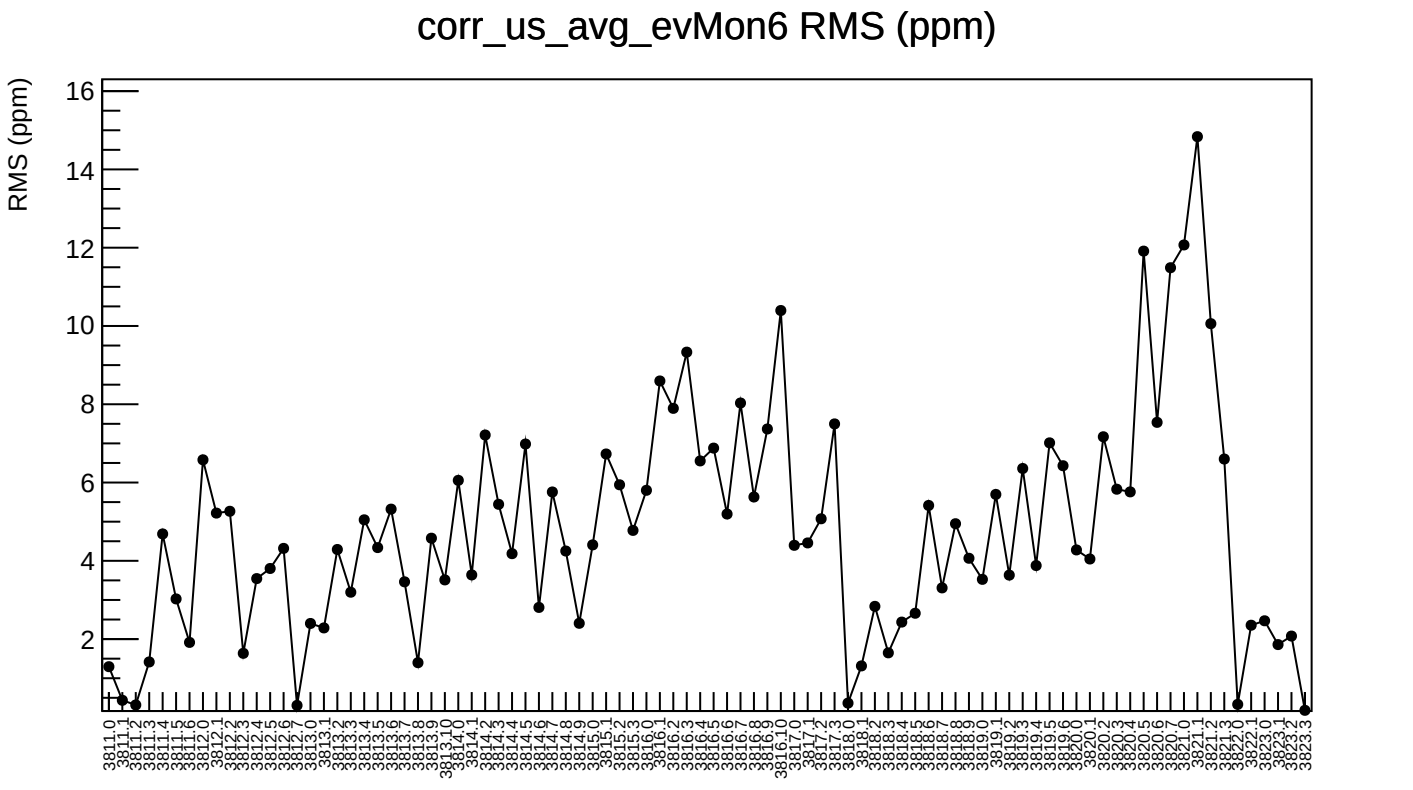

corr_us_avg_evMon5 (ppb)
χ² / ndf 117.1 / 89
p0 −3.985 ± 3.133

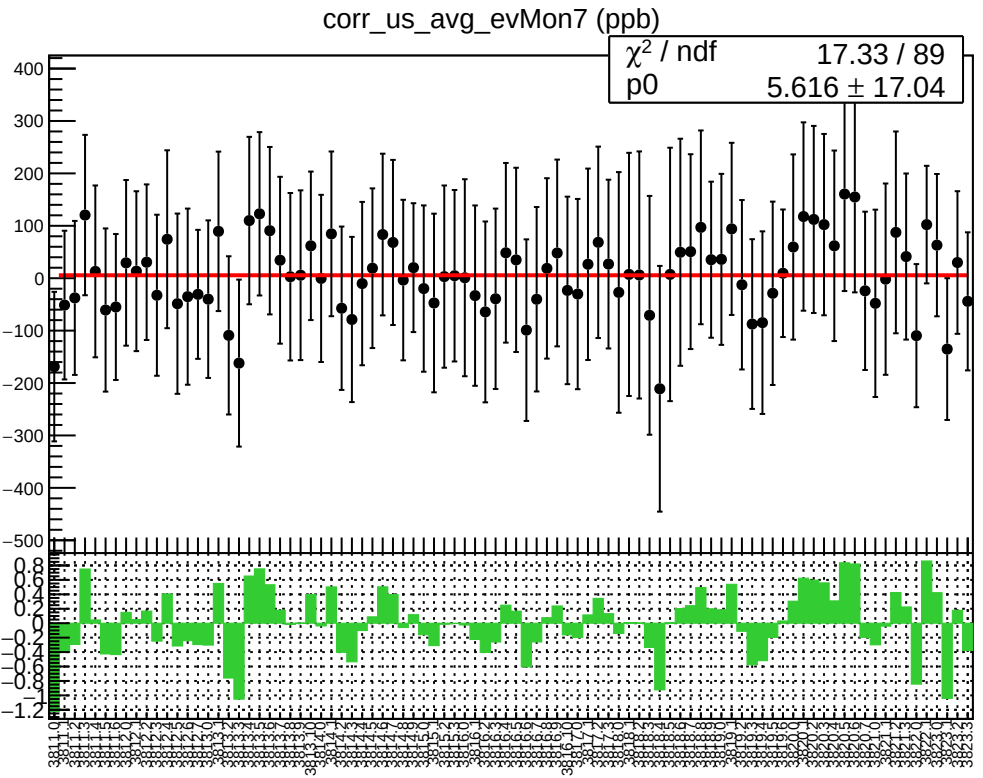

1D pull distribution
Mean 0.00472 ± 0.1202
Std Dev 1.141 ± 0.08501
Underflow 0
Overflow 0
χ² / ndf 20.4 / 10
Constant 18.86 ± 4.89
Mean 0.02381 ± 0.11197
Sigma 0.7854 ± 0.1807

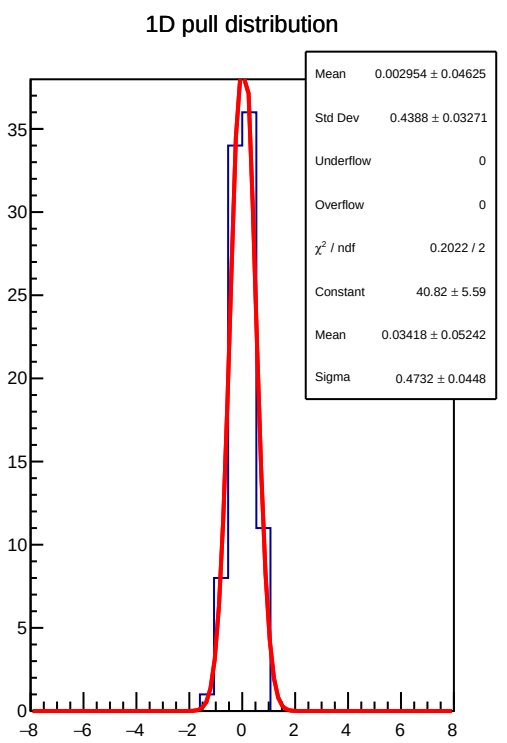

corr_us_avg_evMon5 RMS (ppm)
RMS (ppm)
1
2
3
4
5
6
7
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.1
3823.0
3823.1
3823.2
3823.3

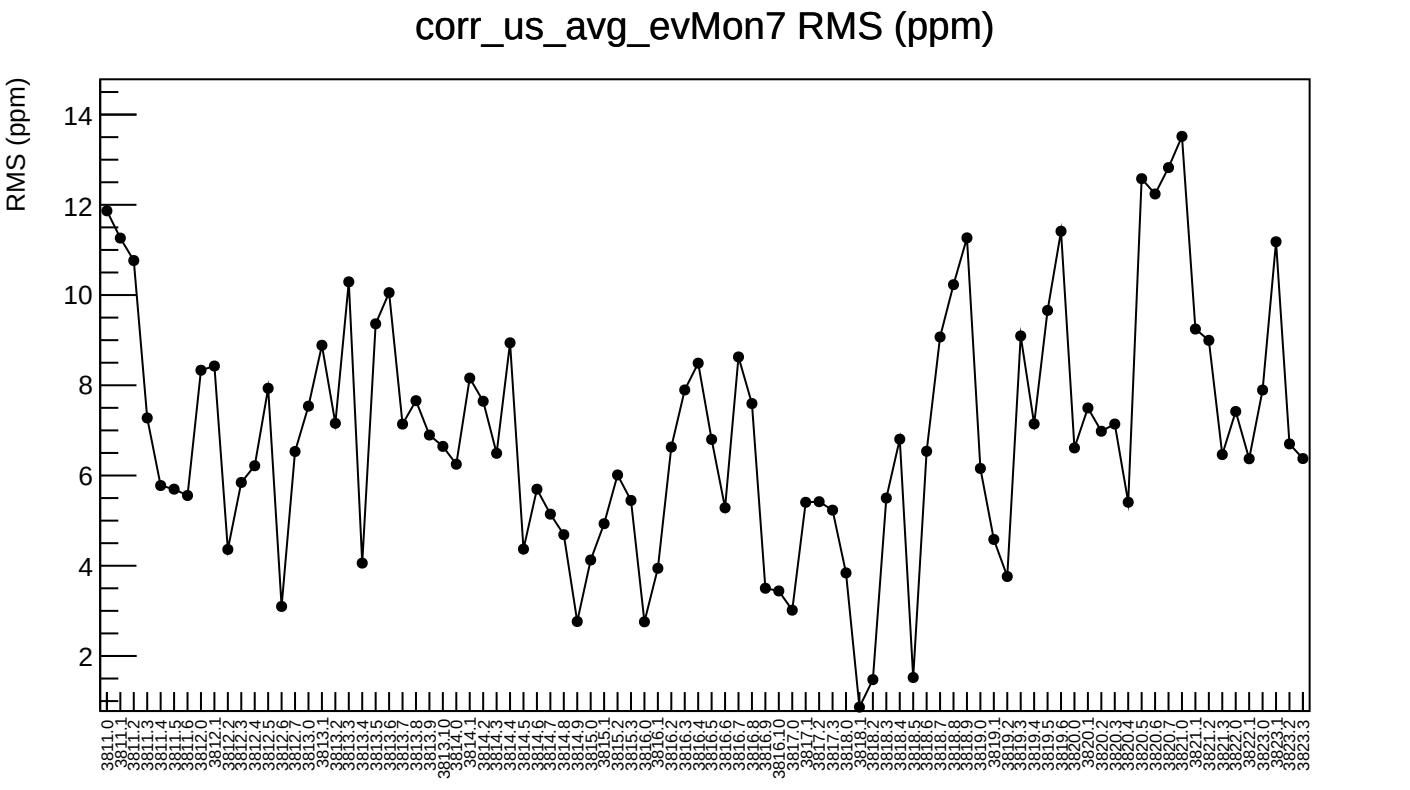

corr_us_avg_evMon6 (ppb)
χ² / ndf 29.32 / 89
p0 0.004244 ± 10.22

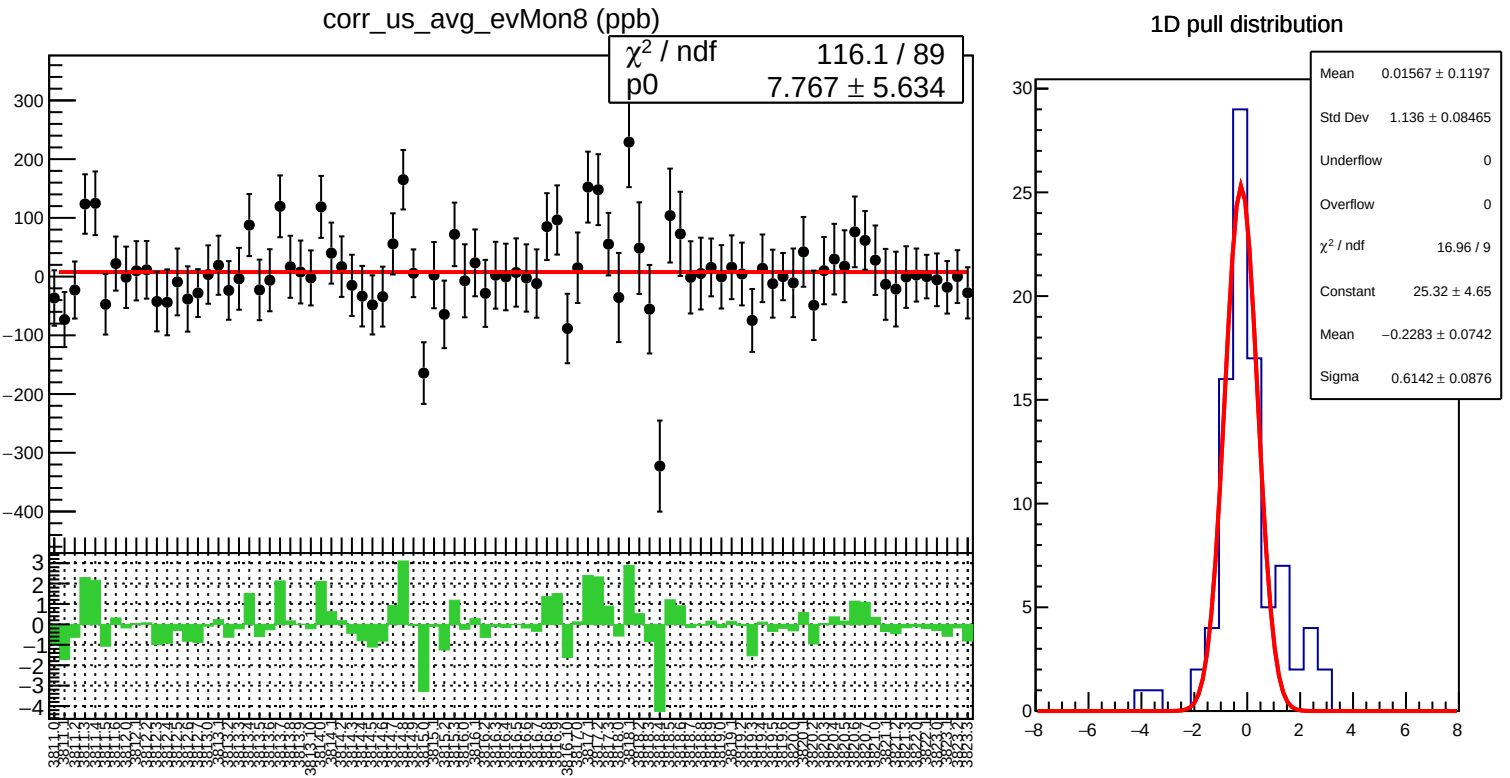

1D pull distribution
Mean 0.002481± 0.06017
Std Dev 0.5708 ± 0.04255
Underflow 0
Overflow 0
χ² / ndf 4.394 / 5
Constant 33.96 ± 5.58
Mean 3.594e−17 ± 2.107e−05
Sigma 0.5364 ± 0.0663

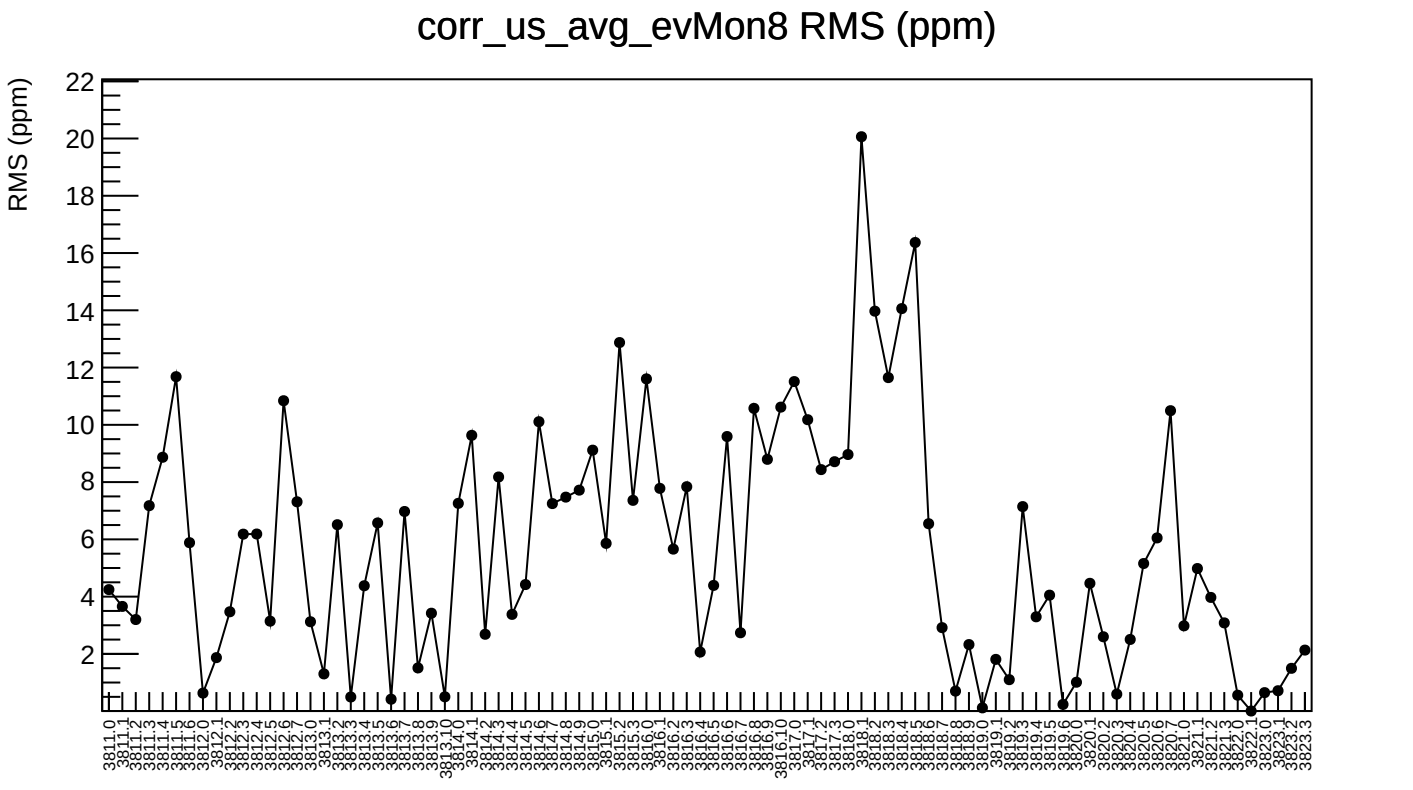

corr_us_avg_evMon6 RMS (ppm)
RMS (ppm)
16
14
12
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

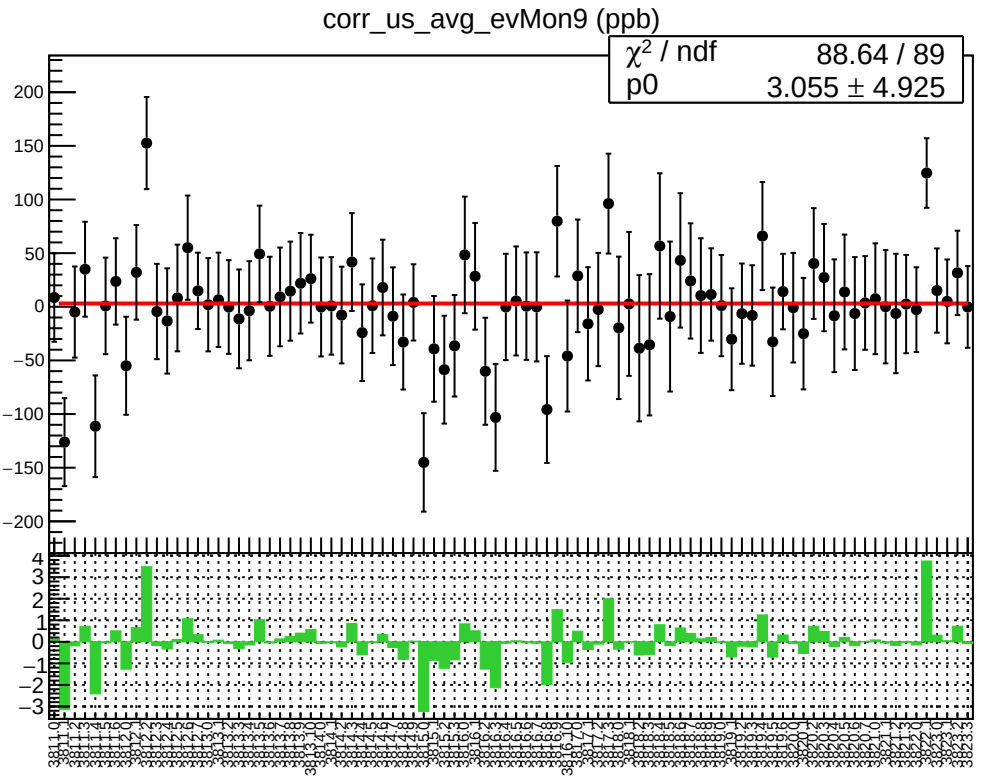

corr_us_avg_evMon7 (ppb)
χ² / ndf 17.33 / 89
p0 5.616 ± 17.04

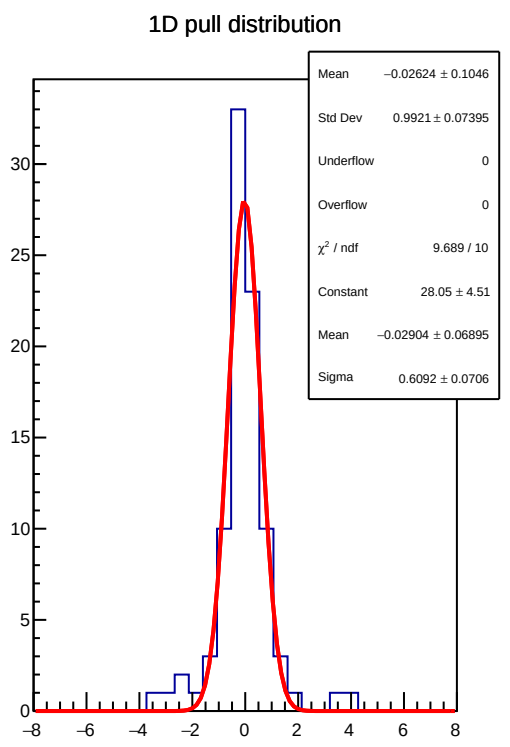

1D pull distribution
Mean 0.002954 ± 0.04625
Std Dev 0.4388 ± 0.03271
Underflow 0
Overflow 0
χ² / ndf 0.2022 / 2
Constant 40.82 ± 5.59
Mean 0.03418 ± 0.05242
Sigma 0.4732 ± 0.0448

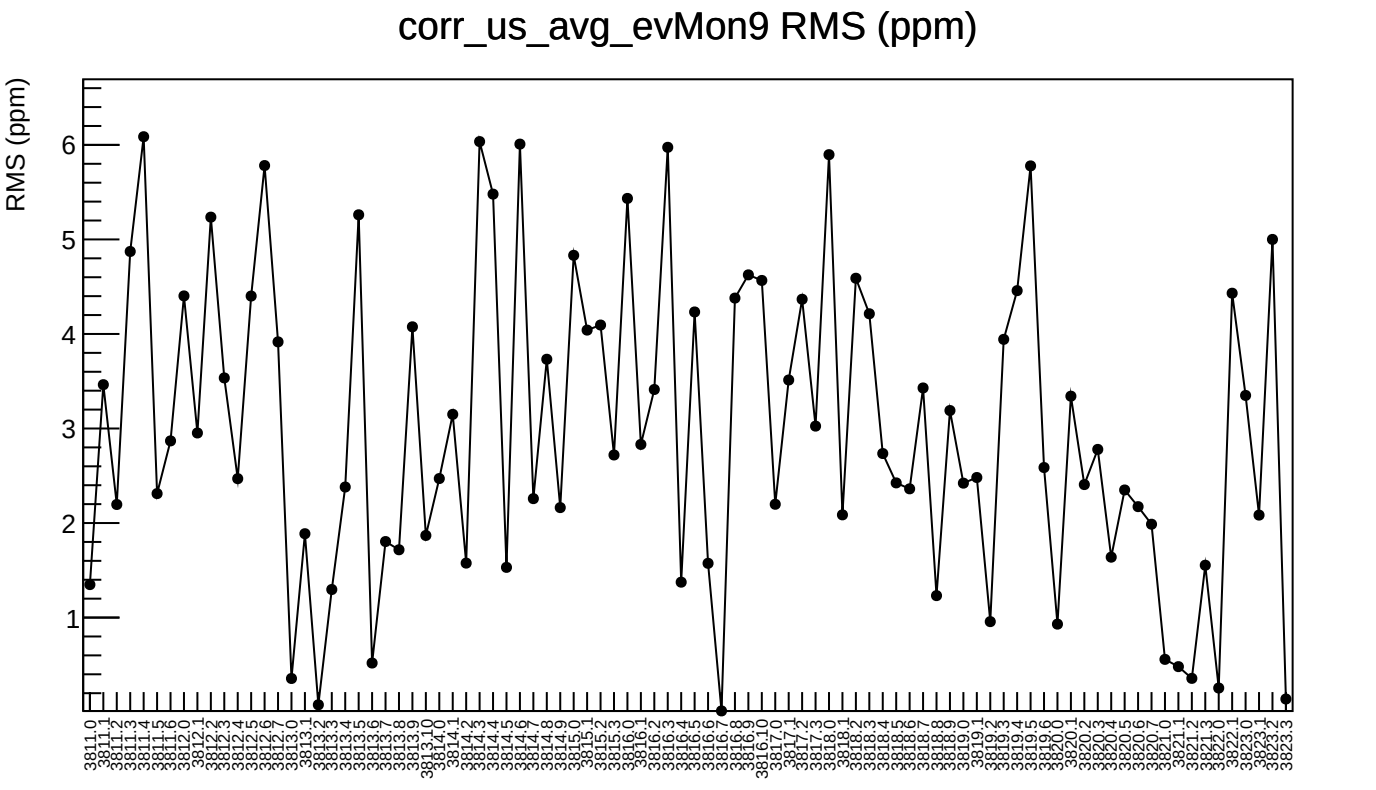

corr_us_avg_evMon7 RMS (ppm)
RMS (ppm)
14
12
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

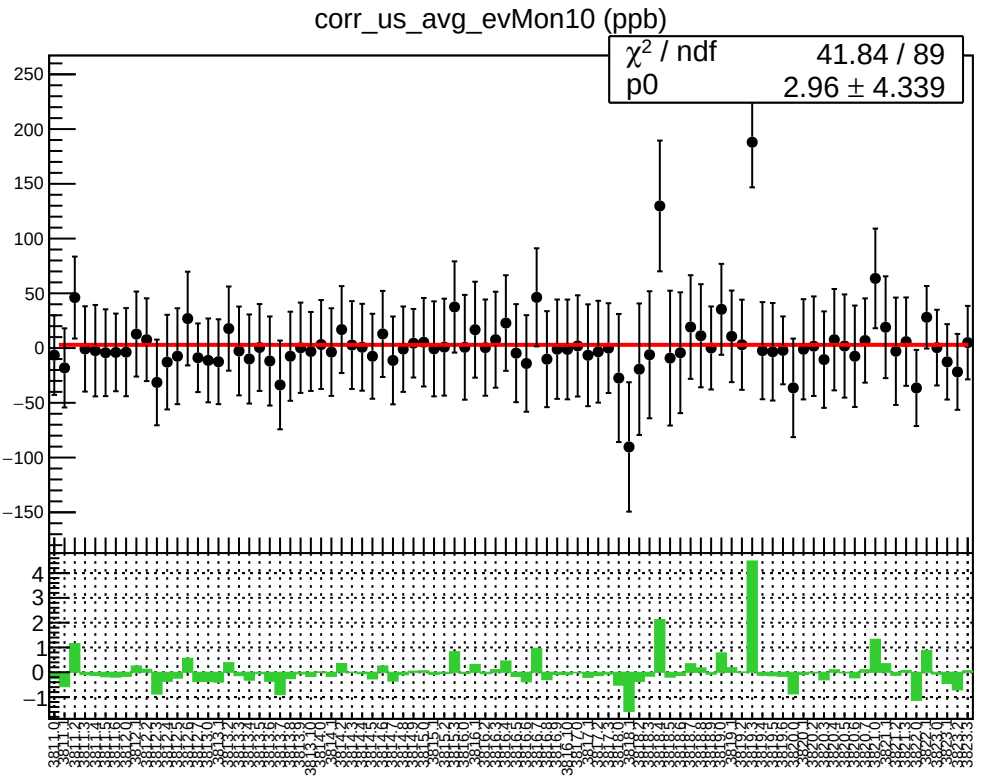

corr_us_avg_evMon8 (ppb)
χ² / ndf 116.1 / 89
p0 7.767 ± 5.634
1D pull distribution
Mean 0.01567 ± 0.1197
Std Dev 1.136 ± 0.08465
Underflow 0
Overflow 0
χ² / ndf 16.96 / 9
Constant 25.32 ± 4.65
Mean −0.2283 ± 0.0742
Sigma 0.6142 ± 0.0876

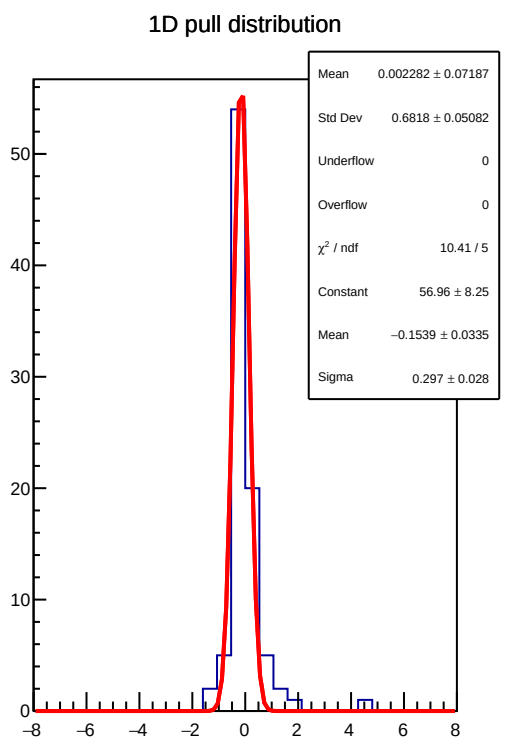

corr_us_avg_evMon8 RMS (ppm)
RMS (ppm)
22
20
18
16
14
12
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.1
3823.0
3823.1
3823.2
3823.3

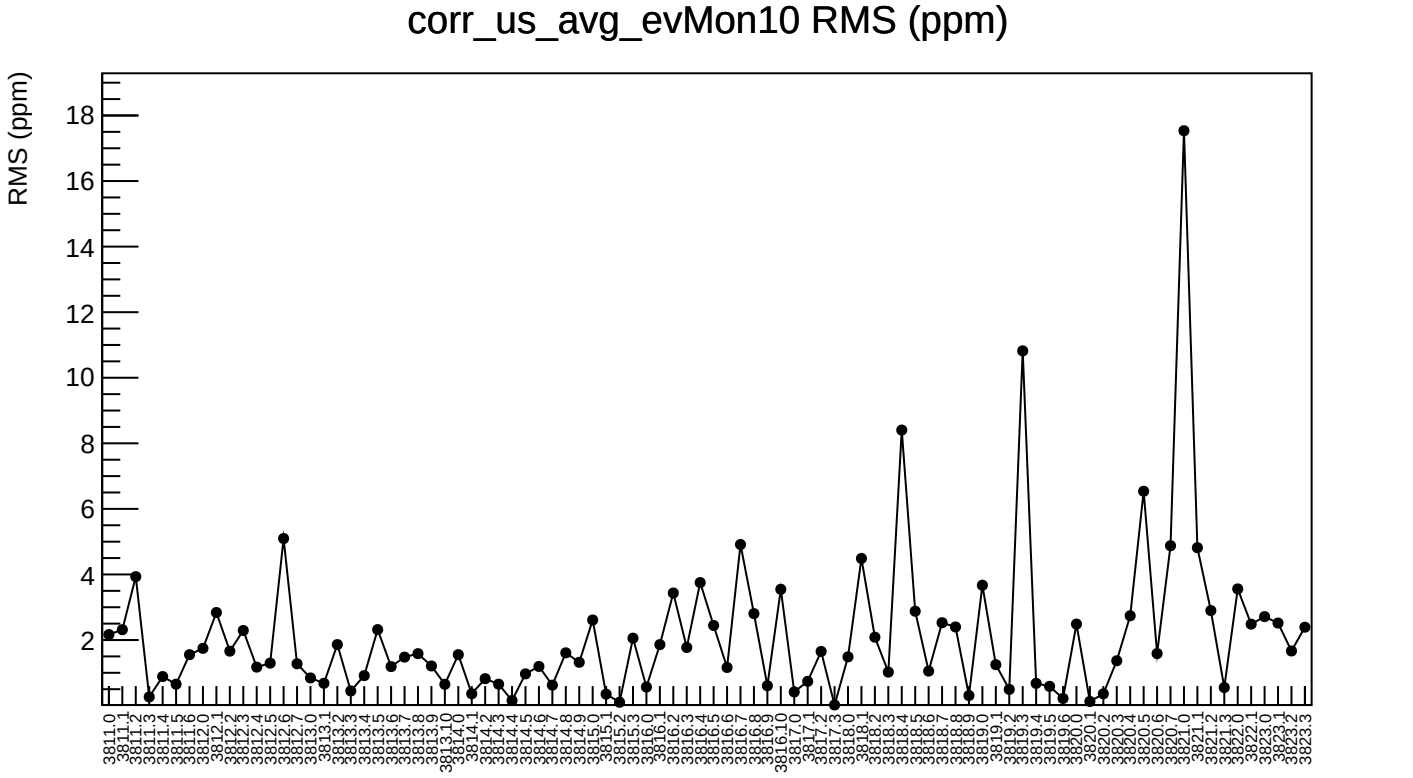

corr_us_avg_evMon9 (ppb)
χ² / ndf 88.64 / 89
p0 3.055 ± 4.925

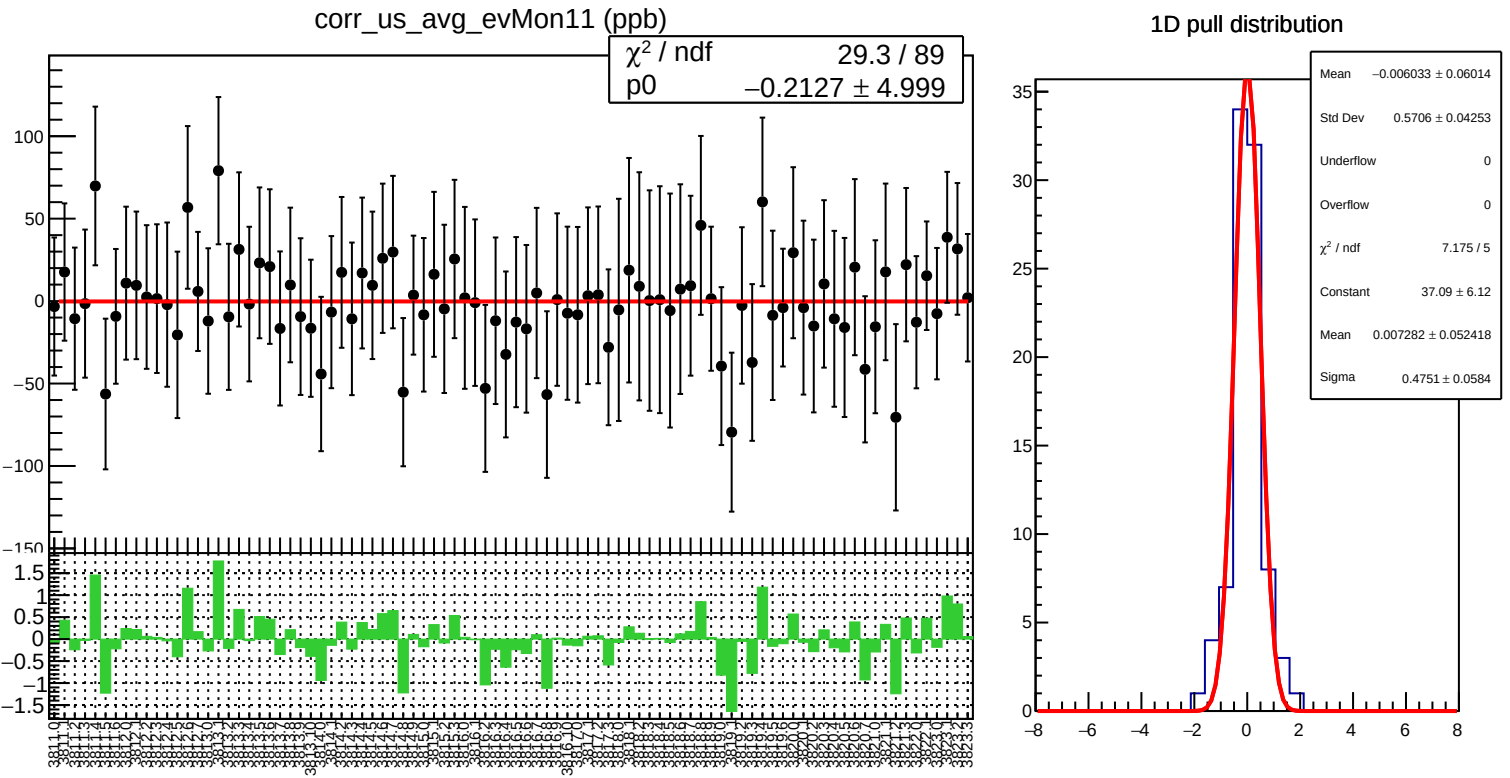

1D pull distribution
Mean −0.02624 ± 0.1046
Std Dev 0.9921 ± 0.07395
Underflow 0
Overflow 0
χ² / ndf 9.689 / 10
Constant 28.05 ± 4.51
Mean −0.02904 ± 0.06895
Sigma 0.6092 ± 0.0706

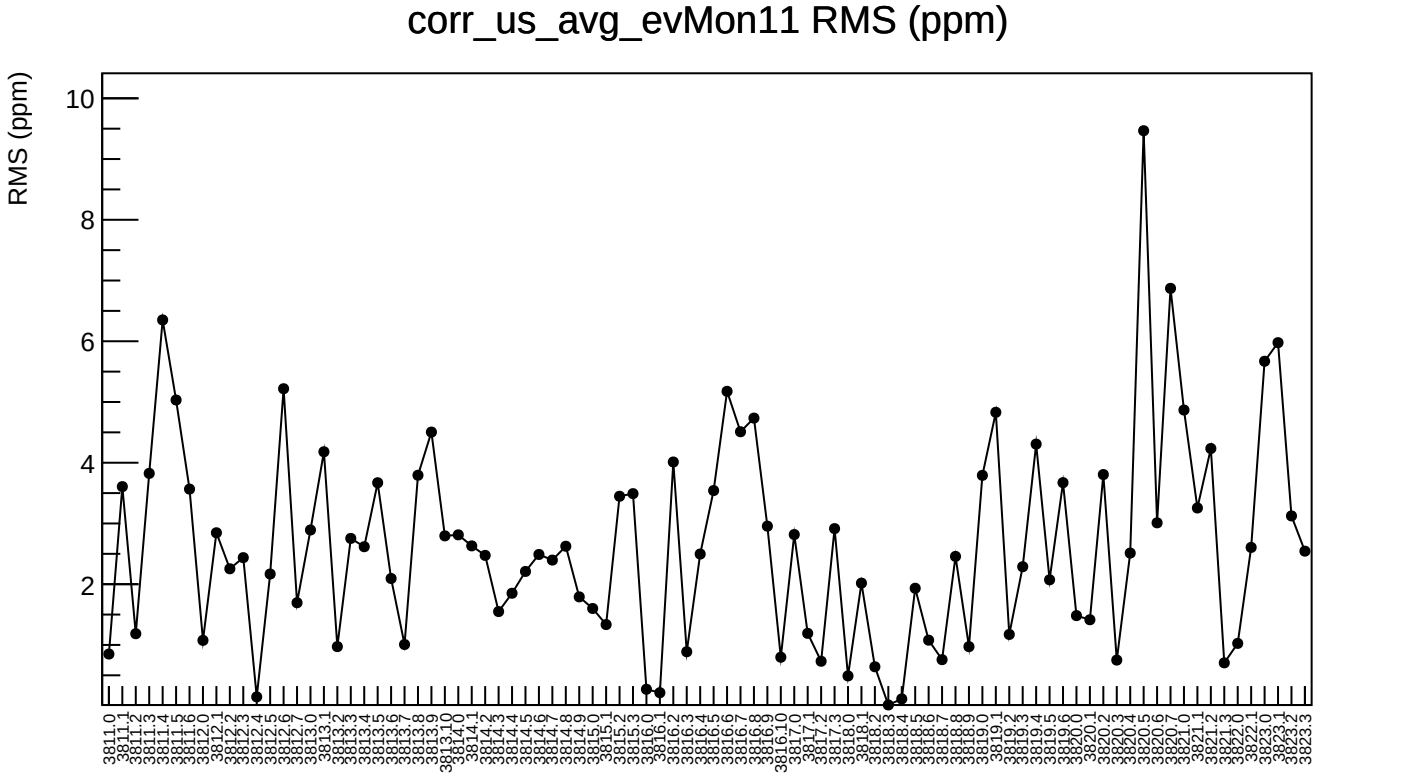

corr_us_avg_evMon9 RMS (ppm)
RMS (ppm)
1
2
3
4
5
6
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

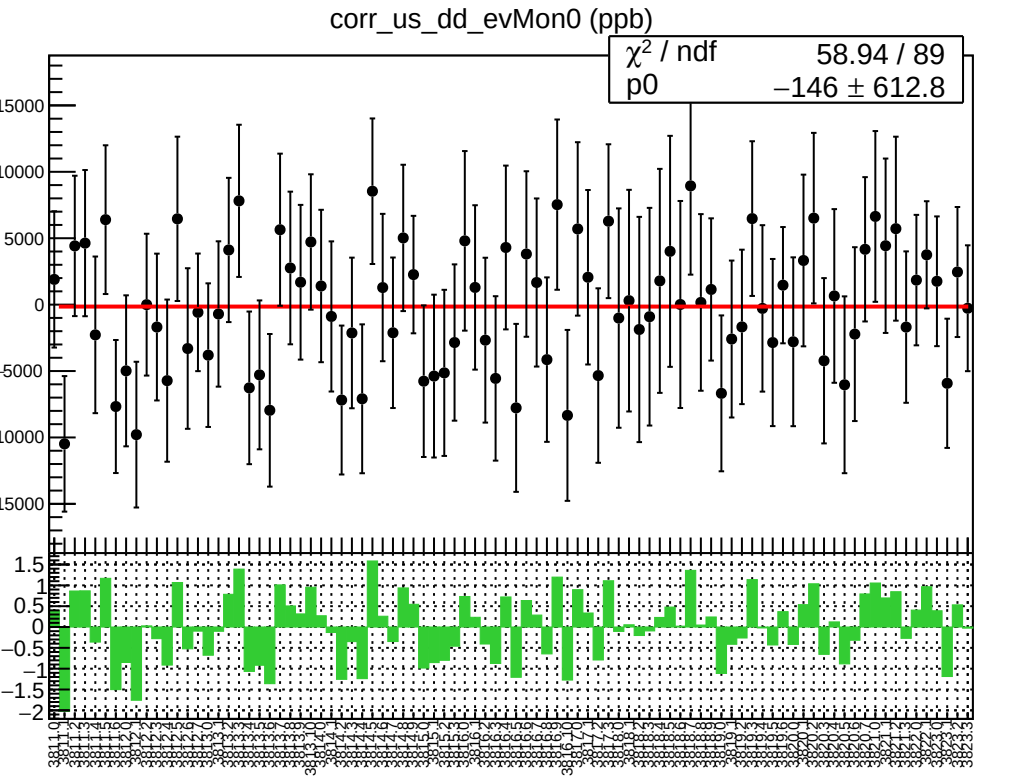

corr_us_avg_evMon10 (ppb)
χ² / ndf 41.84 / 89
p0 2.96 ± 4.339

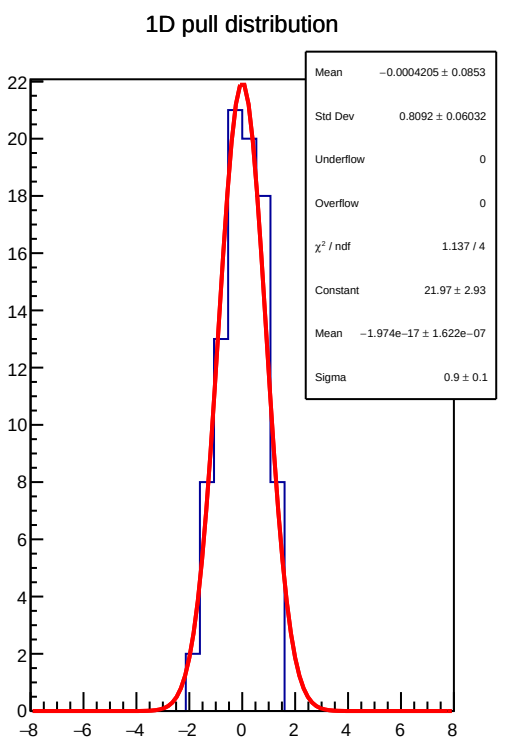

1D pull distribution
Mean 0.002282 ± 0.07187
Std Dev 0.6818 ± 0.05082
Underflow 0
Overflow 0
χ² / ndf 10.41 / 5
Constant 56.96 ± 8.25
Mean −0.1539 ± 0.0335
Sigma 0.297 ± 0.028

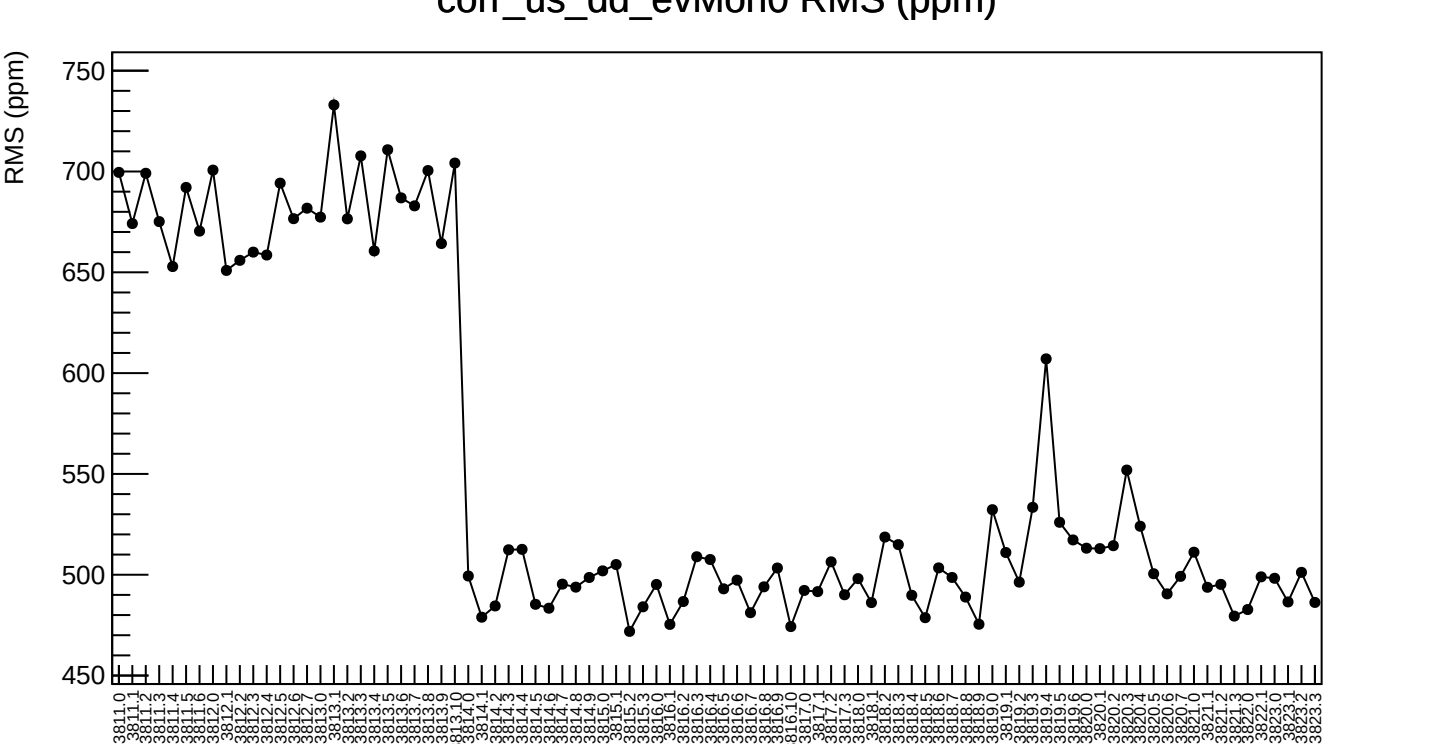

corr_us_avg_evMon10 RMS (ppm)
RMS (ppm)
18
16
14
12
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.0
3823.1
3823.2
3823.3

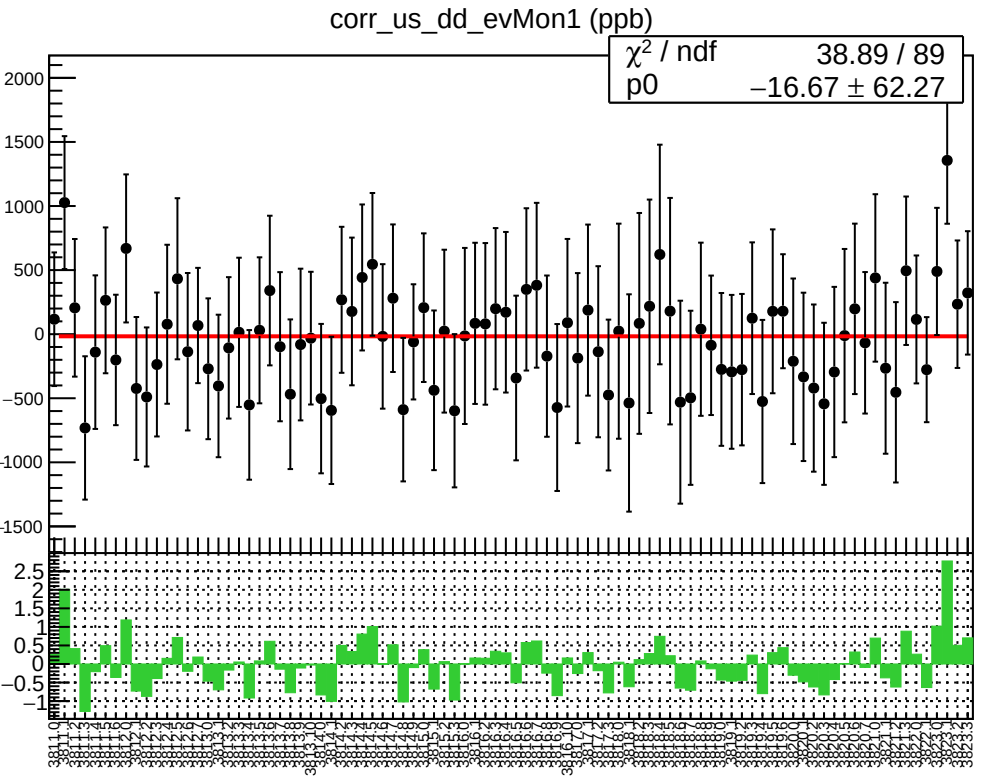

corr_us_avg_evMon11 (ppb)
χ² / ndf 29.3 / 89
p0 −0.2127 ± 4.999
1D pull distribution
Mean −0.006033 ± 0.06014
Std Dev 0.5706 ± 0.04253
Underflow 0
Overflow 0
χ² / ndf 7.175 / 5
Constant 37.09 ± 6.12
Mean 0.007282 ± 0.052418
Sigma 0.4751 ± 0.0584

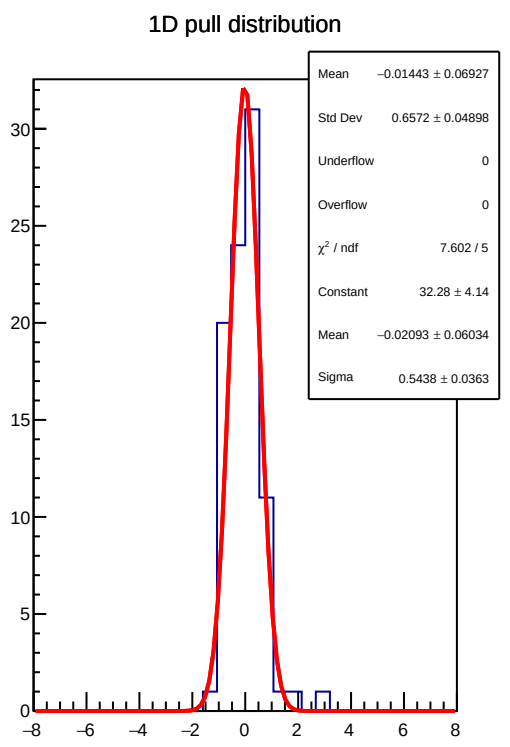

corr_us_avg_evMon11 RMS (ppm)
RMS (ppm)
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

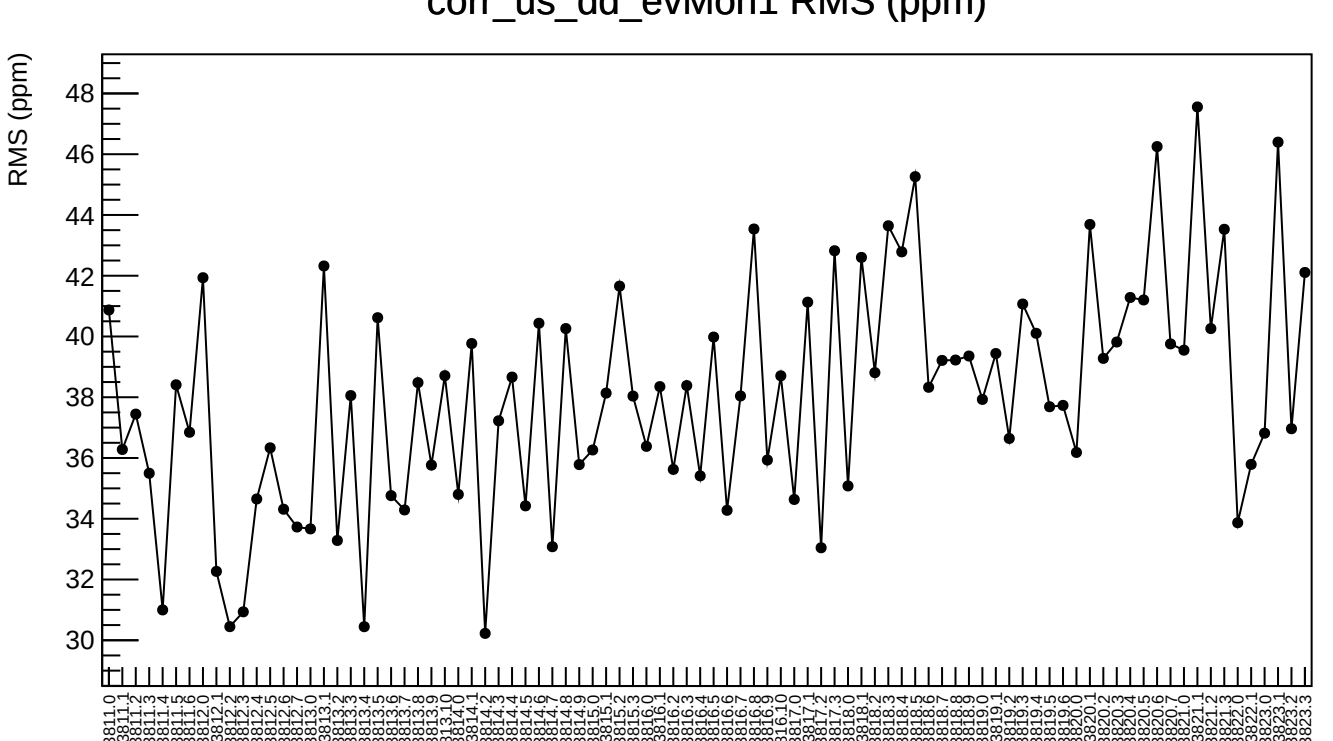

corr_us_dd_evMon0 (ppb)
χ² / ndf 58.94 / 89
p0 −146 ± 612.8

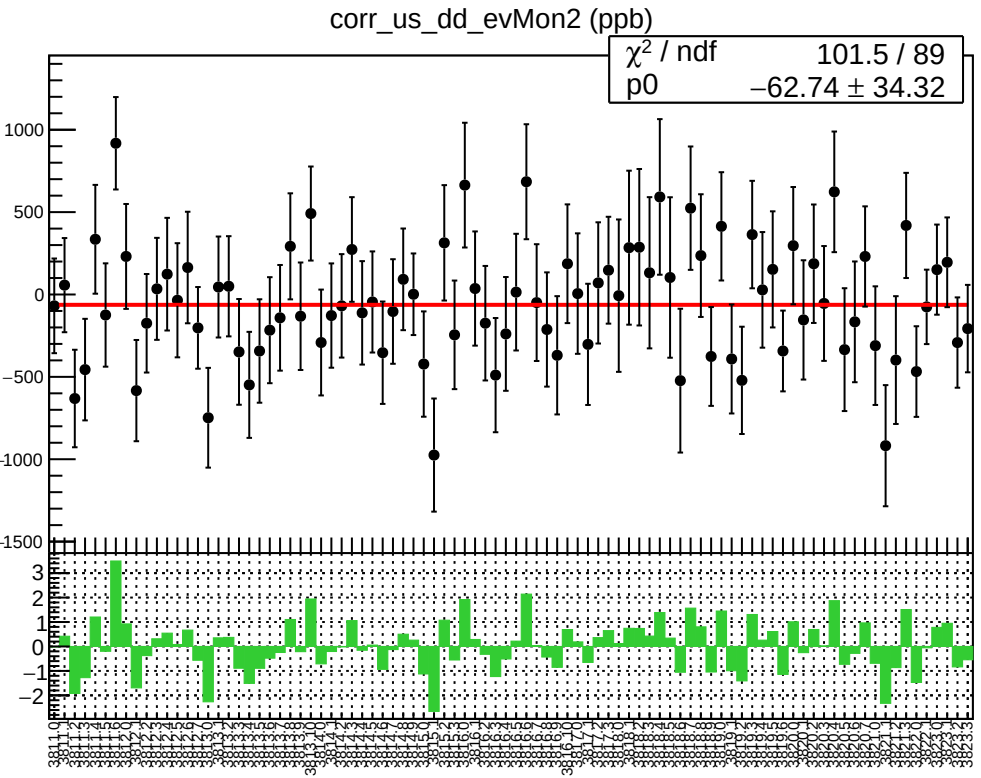

1D pull distribution
Mean −0.0004205 ± 0.0853
Std Dev 0.8092 ± 0.06032
Underflow 0
Overflow 0
χ² / ndf 1.137 / 4
Constant 21.97 ± 2.93
Mean −1.974e−17 ± 1.622e−07
Sigma 0.9 ± 0.1

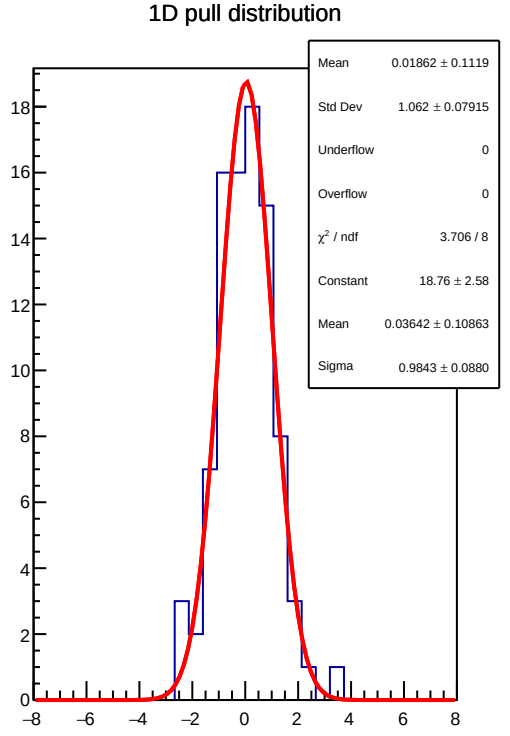

corr_us_dd_evMon0 RMS (ppm)
RMS (ppm)
750
700
650
600
550
500
450
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3823.1
3823.2
3823.3

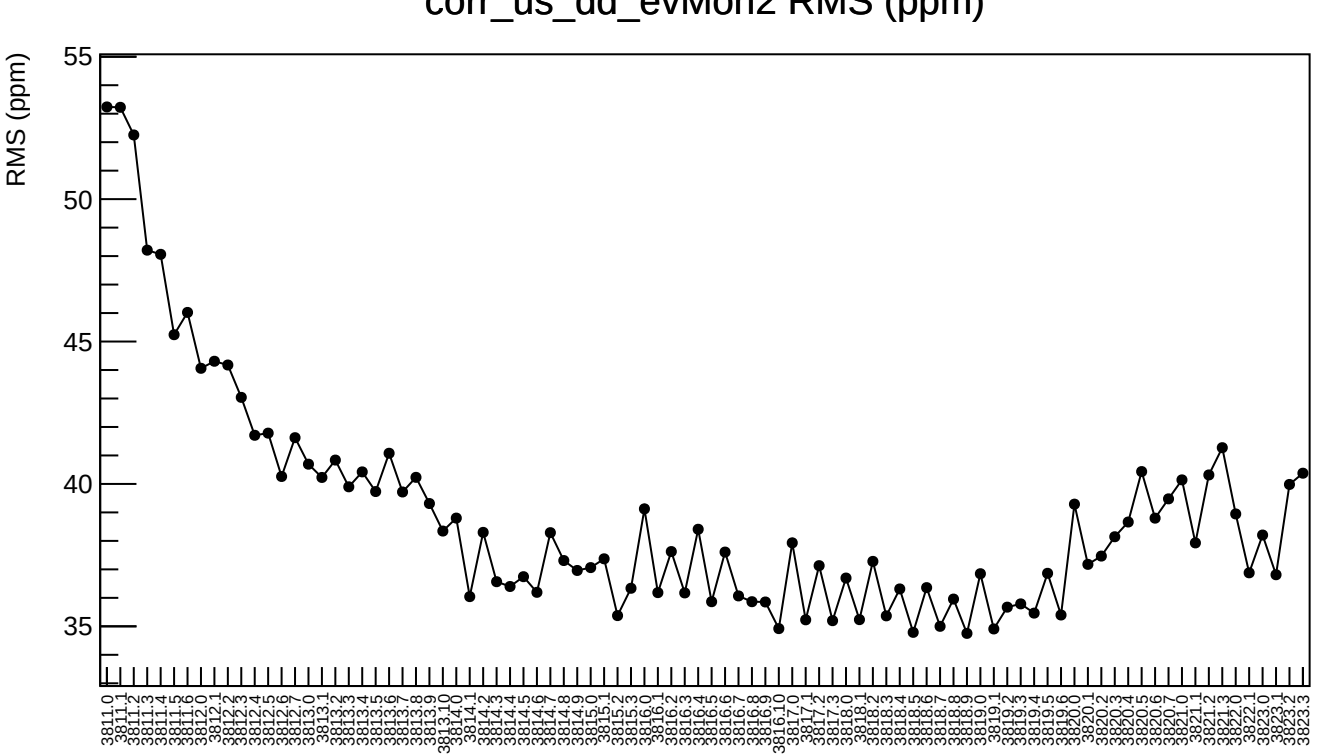

corr_us_dd_evMon1 (ppb)
χ² / ndf 38.89 / 89
p0 −16.67 ± 62.27

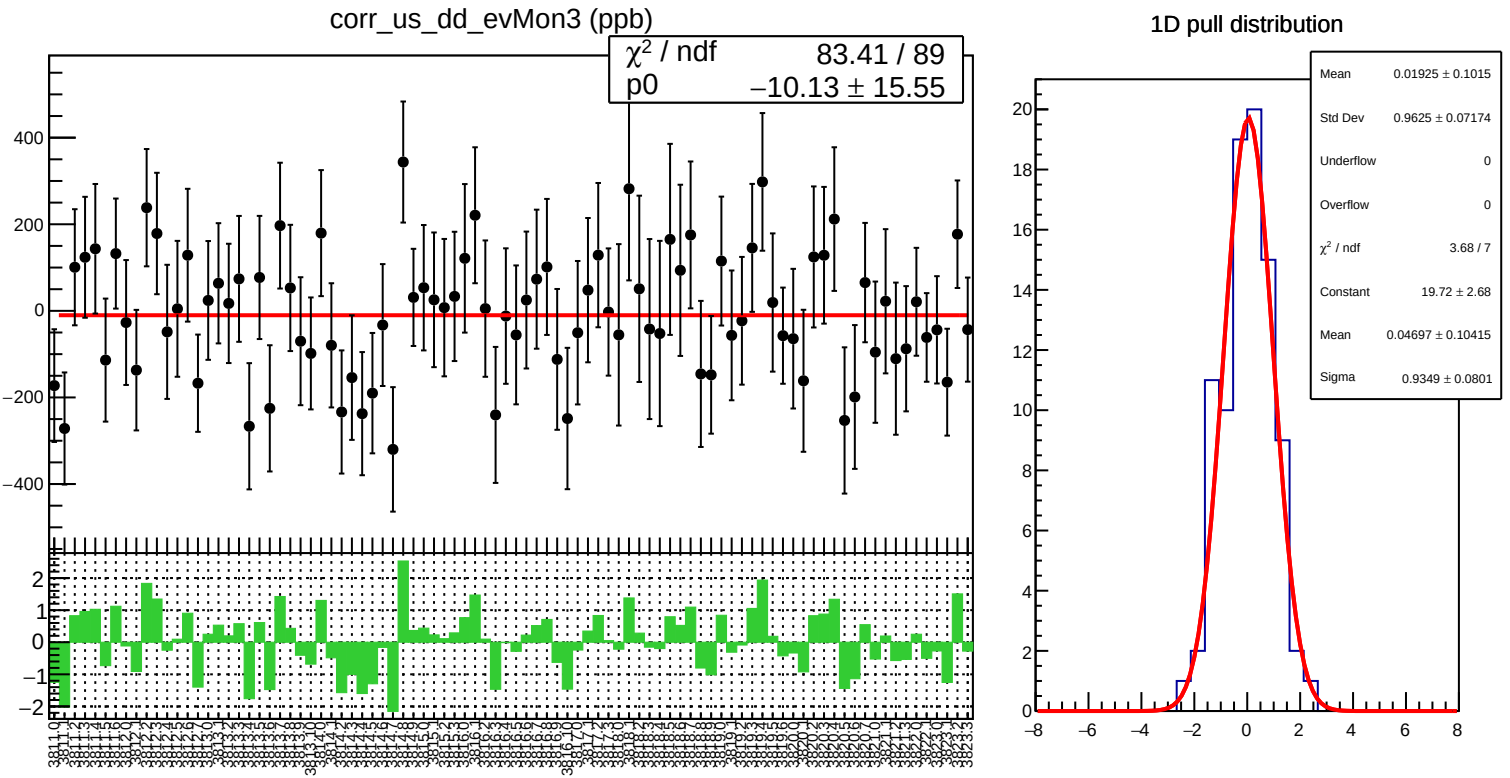

1D pull distribution
Mean −0.01443 ± 0.06927
Std Dev 0.6572 ± 0.04898
Underflow 0
Overflow 0
χ² / ndf 7.602 / 5
Constant 32.28 ± 4.14
Mean −0.02093 ± 0.06034
Sigma 0.5438 ± 0.0363

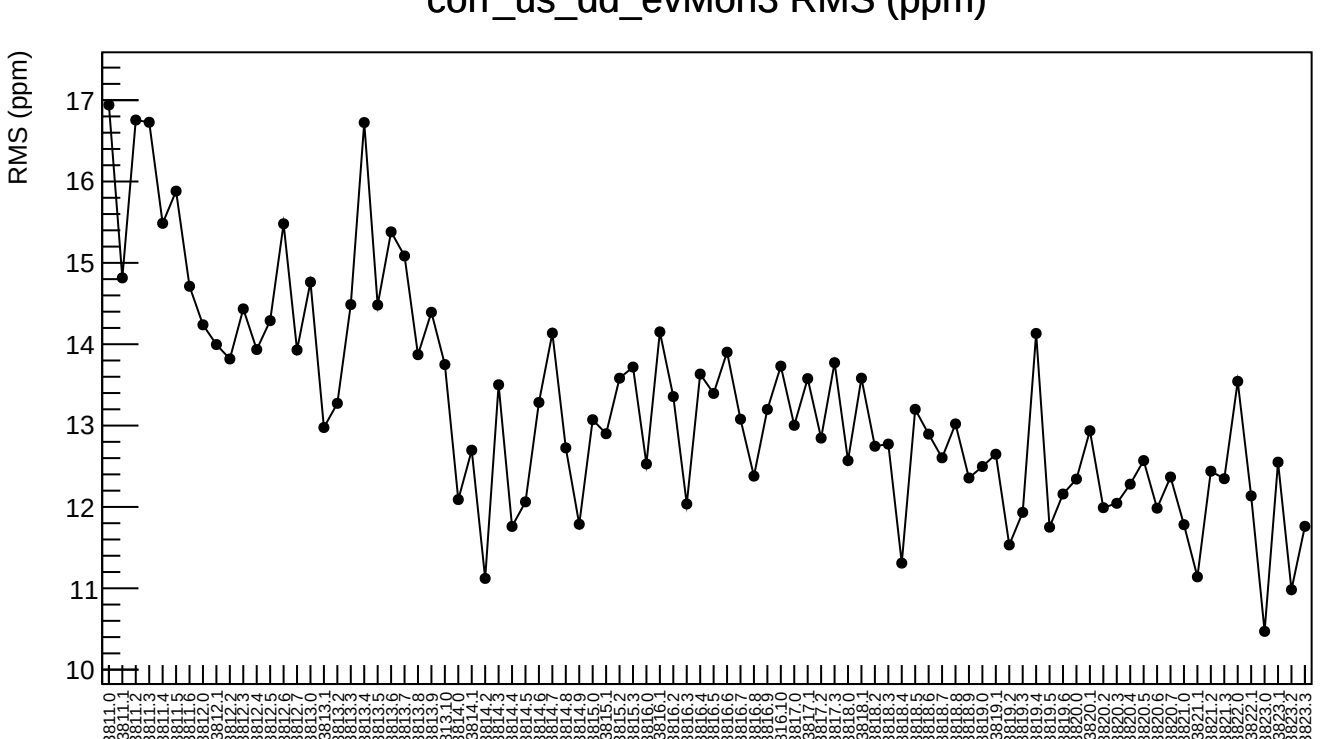

corr_us_dd_evMon1 RMS (ppm)
RMS (ppm)
48
46
44
42
40
38
36
34
32
30
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

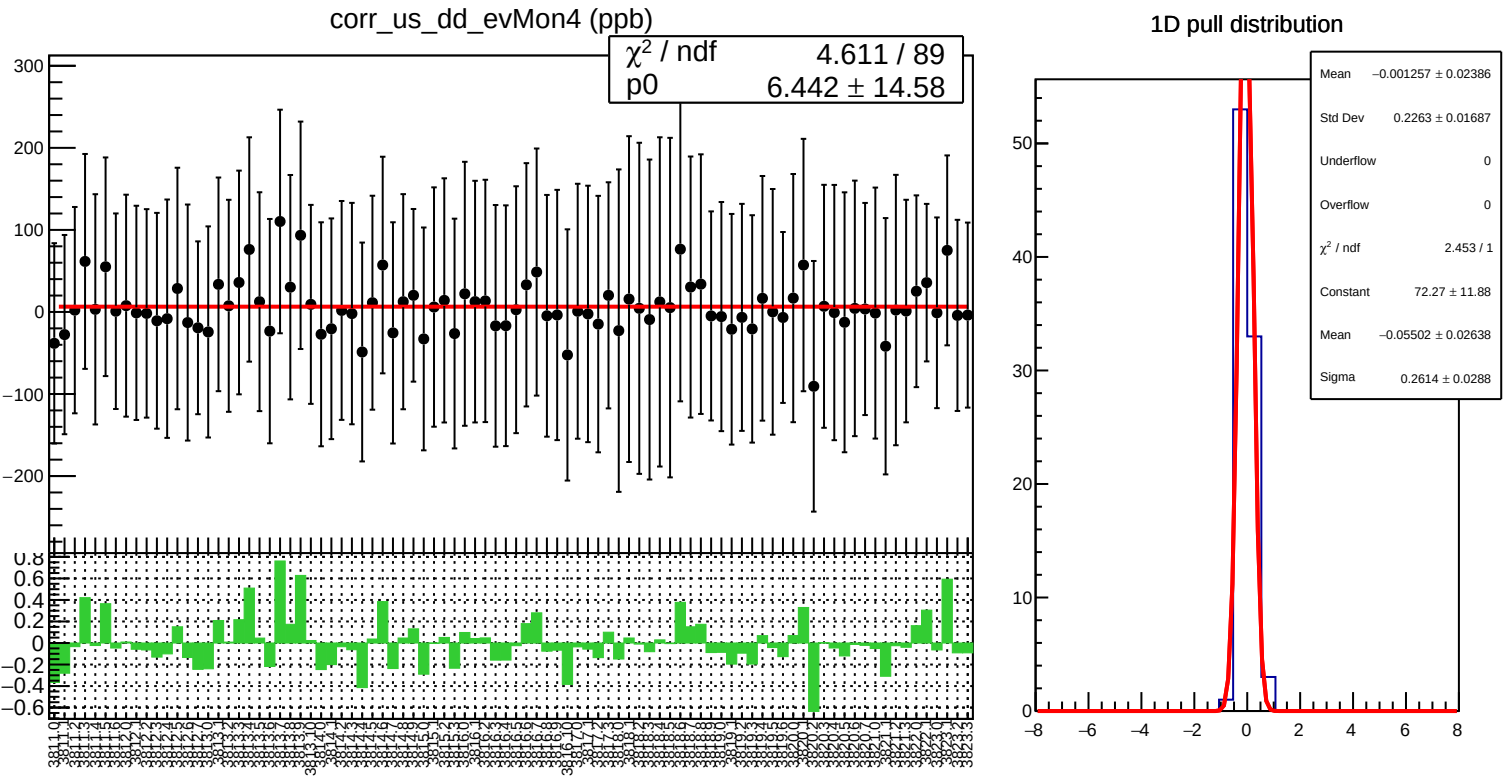

corr_us_dd_evMon2 (ppb)
χ² / ndf 101.5 / 89
p0 −62.74 ± 34.32
1000
500
0
−500
−1000
−1500
3
2
1
0
−1
−2

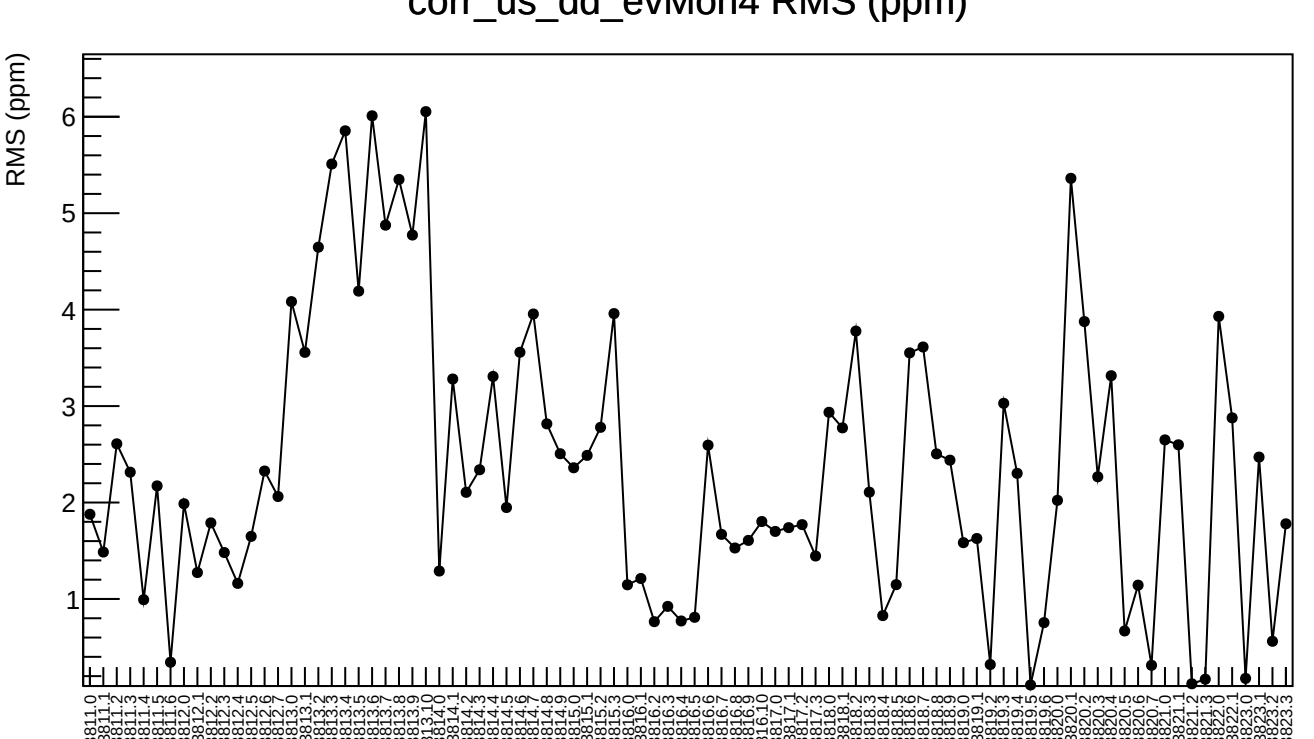

1D pull distribution
Mean 0.01862 ± 0.1119
Std Dev 1.062 ± 0.07915
Underflow 0
Overflow 0
χ² / ndf 3.706 / 8
Constant 18.76 ± 2.58
Mean 0.03642 ± 0.10863
Sigma 0.9843 ± 0.0880
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

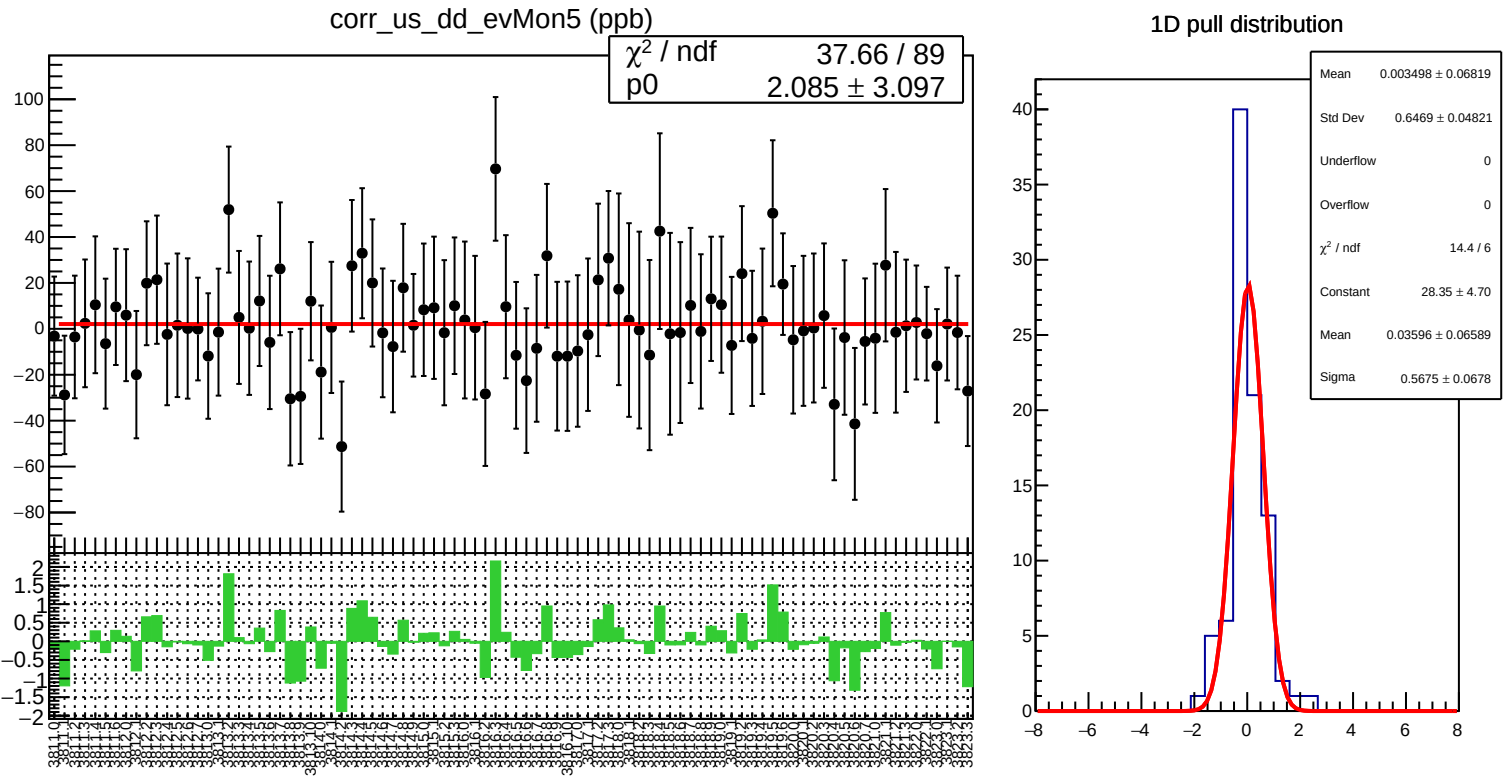

corr_us_dd_evMon2 RMS (ppm)
RMS (ppm)
55
50
45
40
35
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

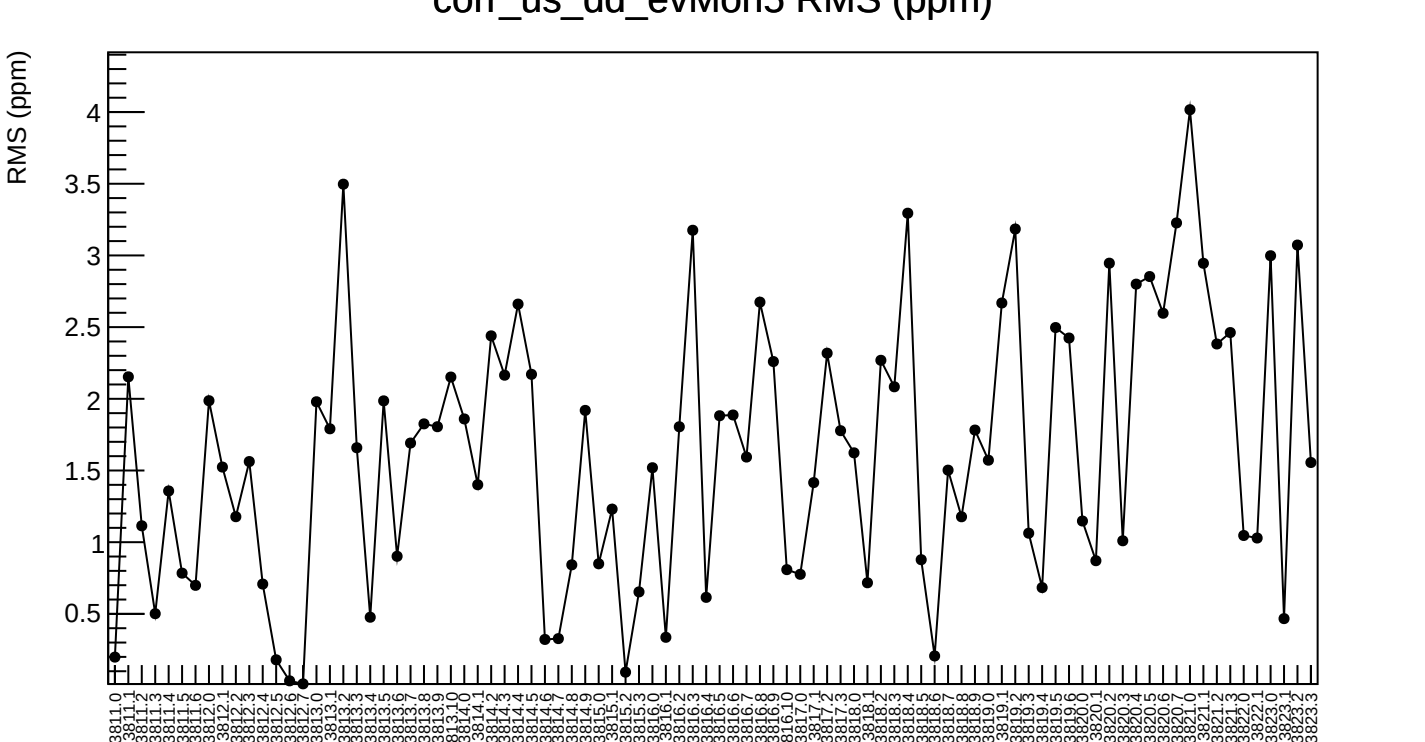

corr_us_dd_evMon3 (ppb)
χ² / ndf 83.41 / 89
p0 −10.13 ± 15.55
1D pull distribution
Mean 0.01925 ± 0.1015
Std Dev 0.9625 ± 0.07174
Underflow 0
Overflow 0
χ² / ndf 3.68 / 7
Constant 19.72 ± 2.68
Mean 0.04697 ± 0.10415
Sigma 0.9349 ± 0.0801

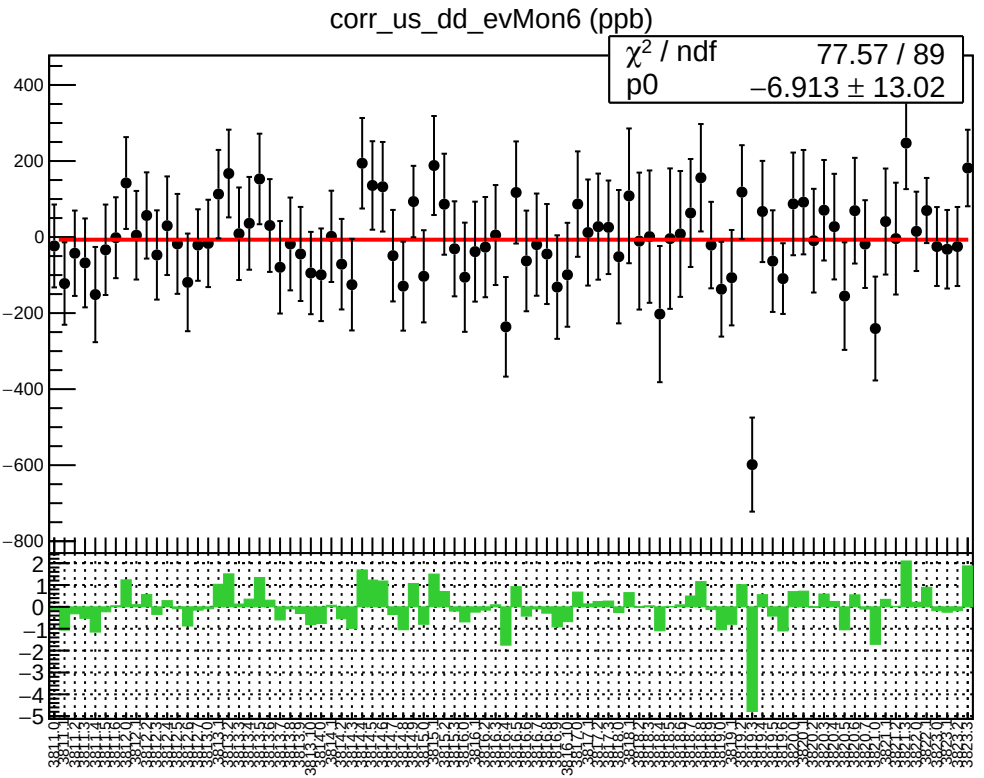

corr_us_dd_evMon3 RMS (ppm)
RMS (ppm)
17
16
15
14
13
12
11
10
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

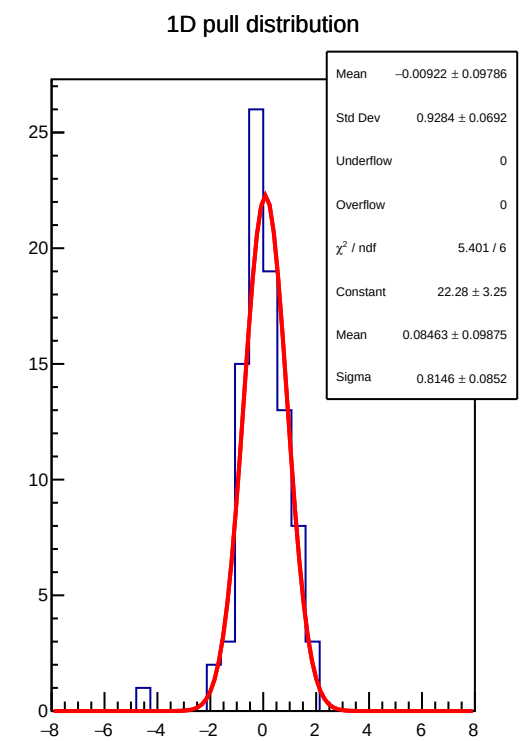

corr_us_dd_evMon4 (ppb)
χ² / ndf 4.611 / 89
p0 6.442 ± 14.58
1D pull distribution
Mean −0.001257 ± 0.02386
Std Dev 0.2263 ± 0.01687
Underflow 0
Overflow 0
χ² / ndf 2.453 / 1
Constant 72.27 ± 11.88
Mean −0.05502 ± 0.02638
Sigma 0.2614 ± 0.0288

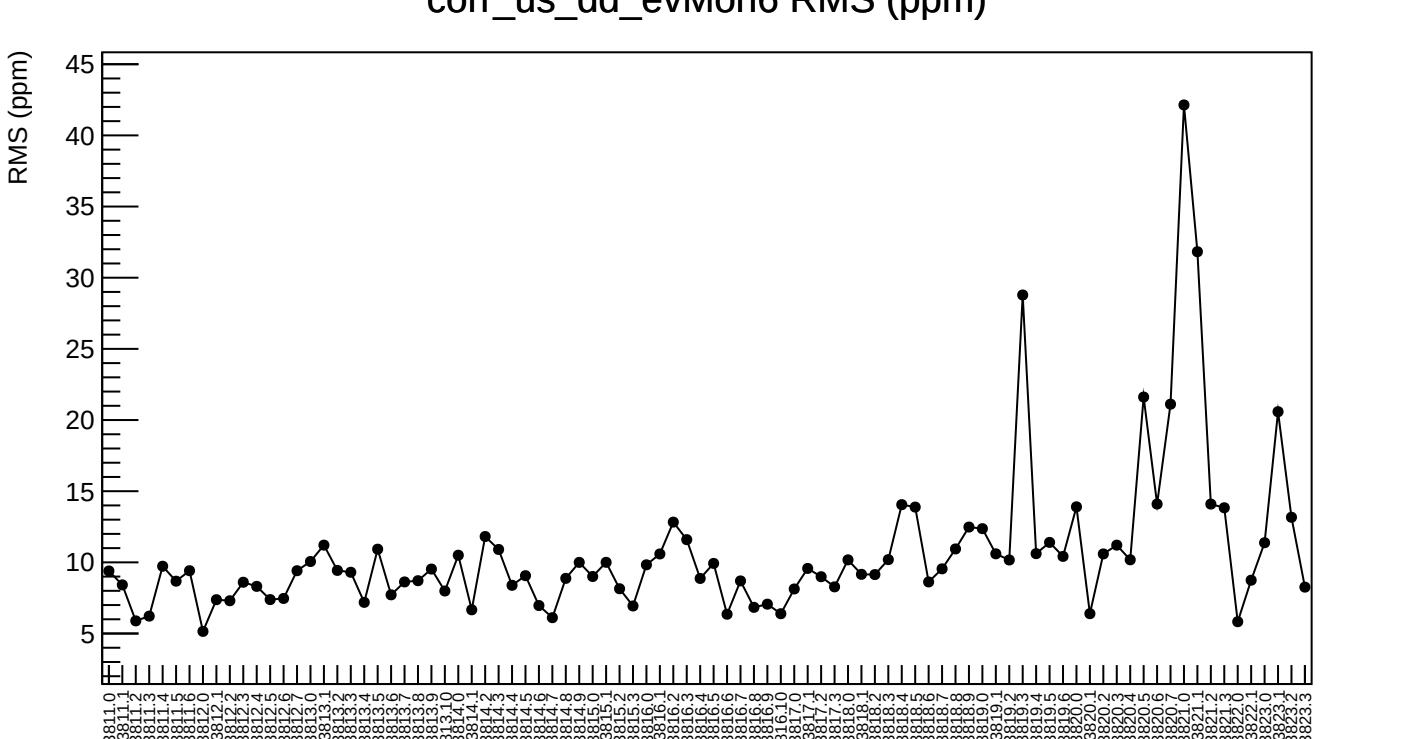

corr_us_dd_evMon4 RMS (ppm)
RMS (ppm)
1
2
3
4
5
6
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.2
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

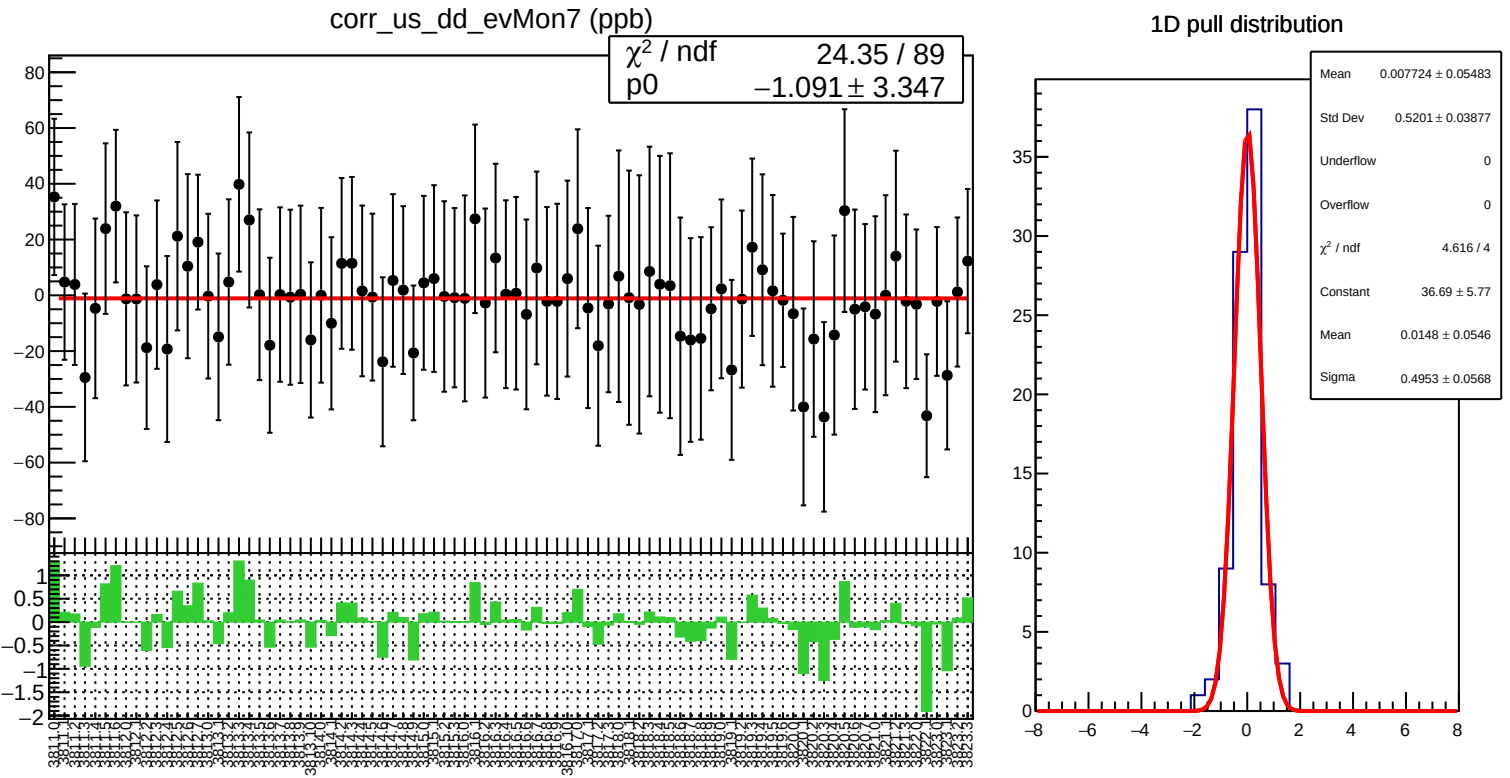

corr_us_dd_evMon5 (ppb)
χ² / ndf 37.66 / 89
p0 2.085 ± 3.097
1D pull distribution
Mean 0.003498 ± 0.06819
Std Dev 0.6469 ± 0.04821
Underflow 0
Overflow 0
χ² / ndf 14.4 / 6
Constant 28.35 ± 4.70
Mean 0.03596 ± 0.06589
Sigma 0.5675 ± 0.0678

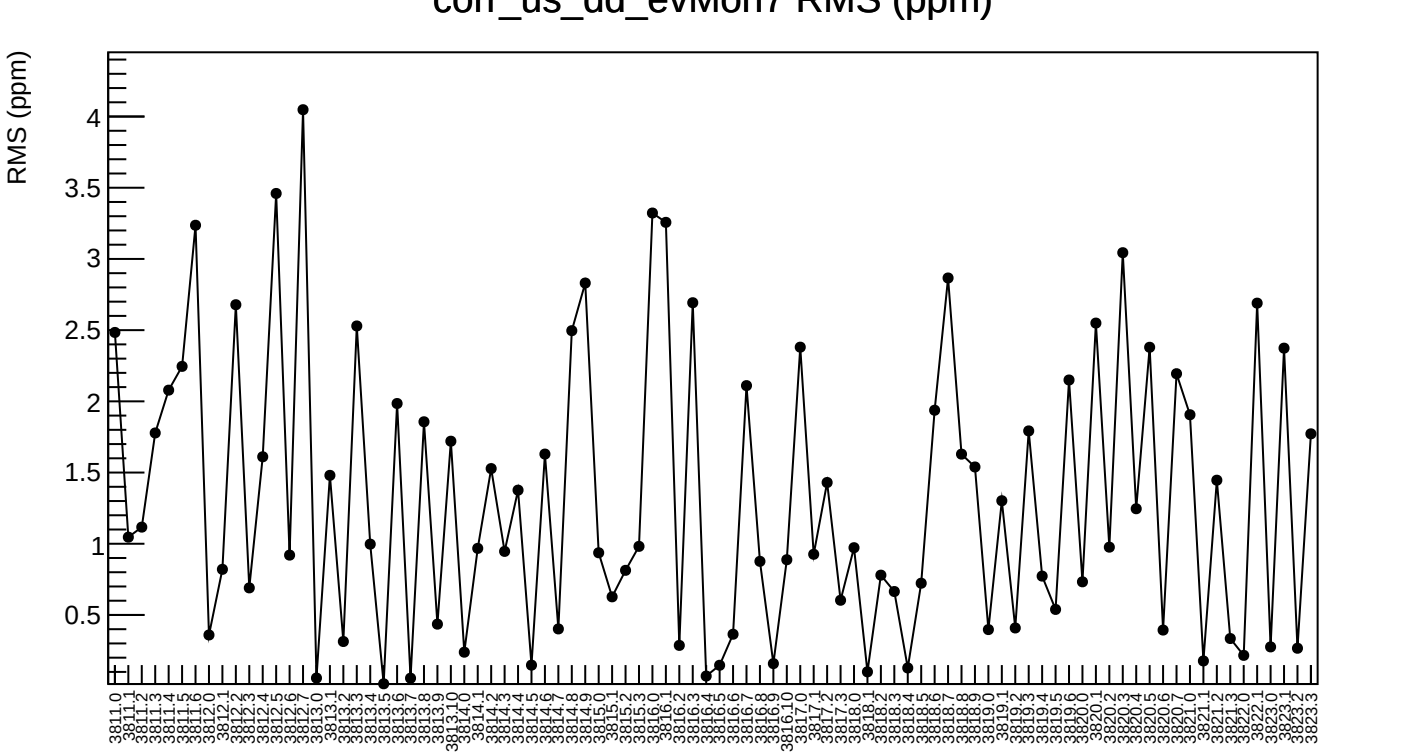

corr_us_dd_evMon5 RMS (ppm)
RMS (ppm)
4
3.5
3
2.5
2
1.5
1
0.5
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

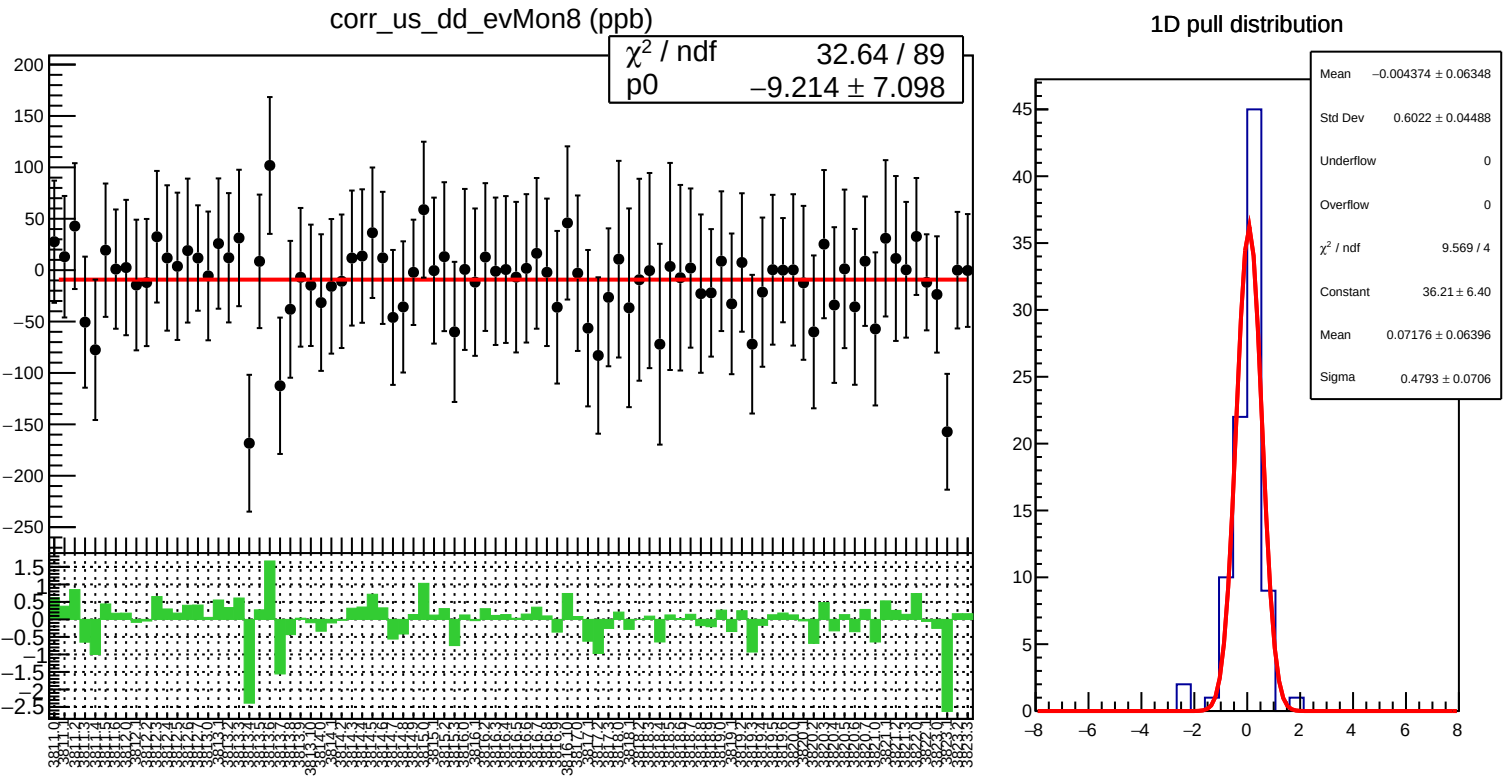

corr_us_dd_evMon6 (ppb)
χ² / ndf 77.57 / 89
p0 −6.913 ± 13.02

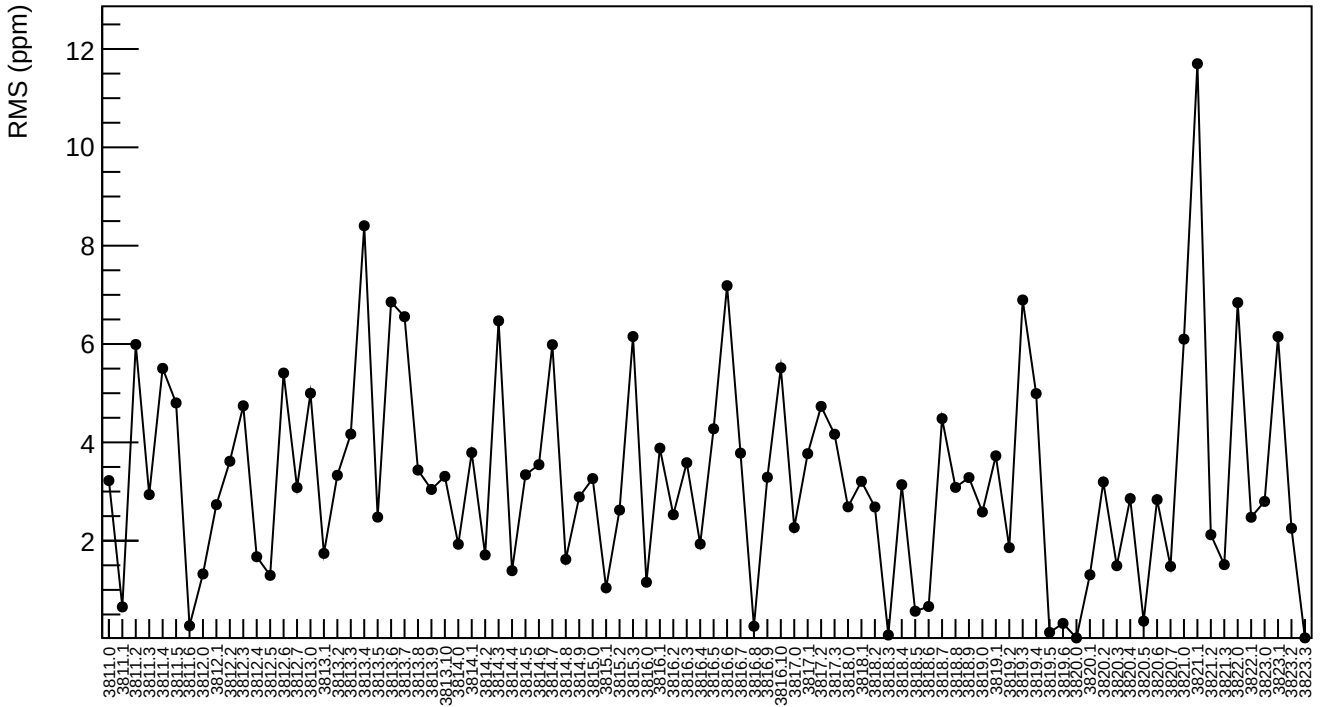

1D pull distribution
Mean −0.00922 ± 0.09786
Std Dev 0.9284 ± 0.0692
Underflow 0
Overflow 0
χ² / ndf 5.401 / 6
Constant 22.28 ± 3.25
Mean 0.08463 ± 0.09875
Sigma 0.8146 ± 0.0852

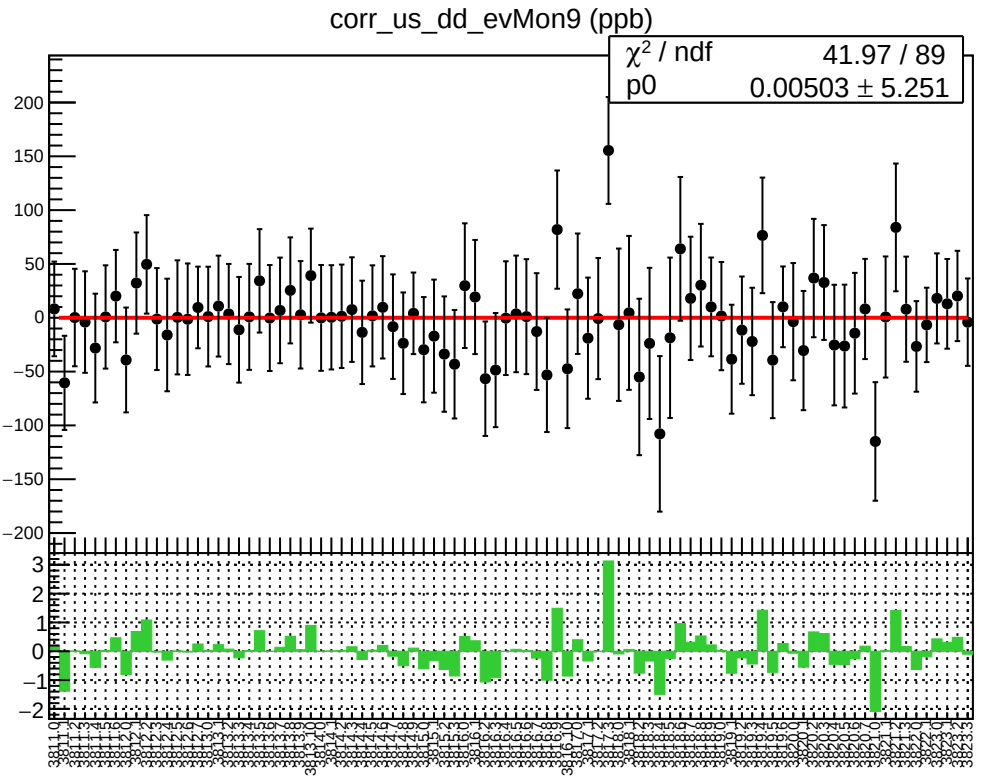

corr_us_dd_evMon6 RMS (ppm)
RMS (ppm)
45
40
35
30
25
20
15
10
5
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

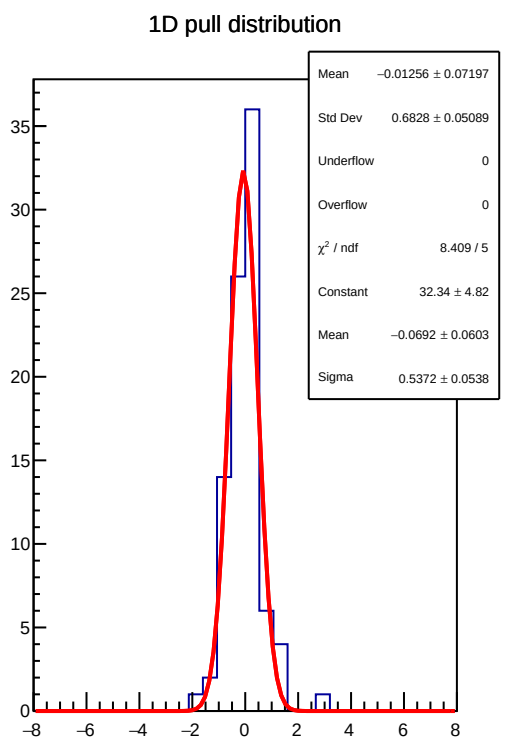

corr_us_dd_evMon7 (ppb)
χ² / ndf 24.35 / 89
p0 −1.091 ± 3.347
1D pull distribution
Mean 0.007724 ± 0.05483
Std Dev 0.5201 ± 0.03877
Underflow 0
Overflow 0
χ² / ndf 4.616 / 4
Constant 36.69 ± 5.77
Mean 0.0148 ± 0.0546
Sigma 0.4953 ± 0.0568

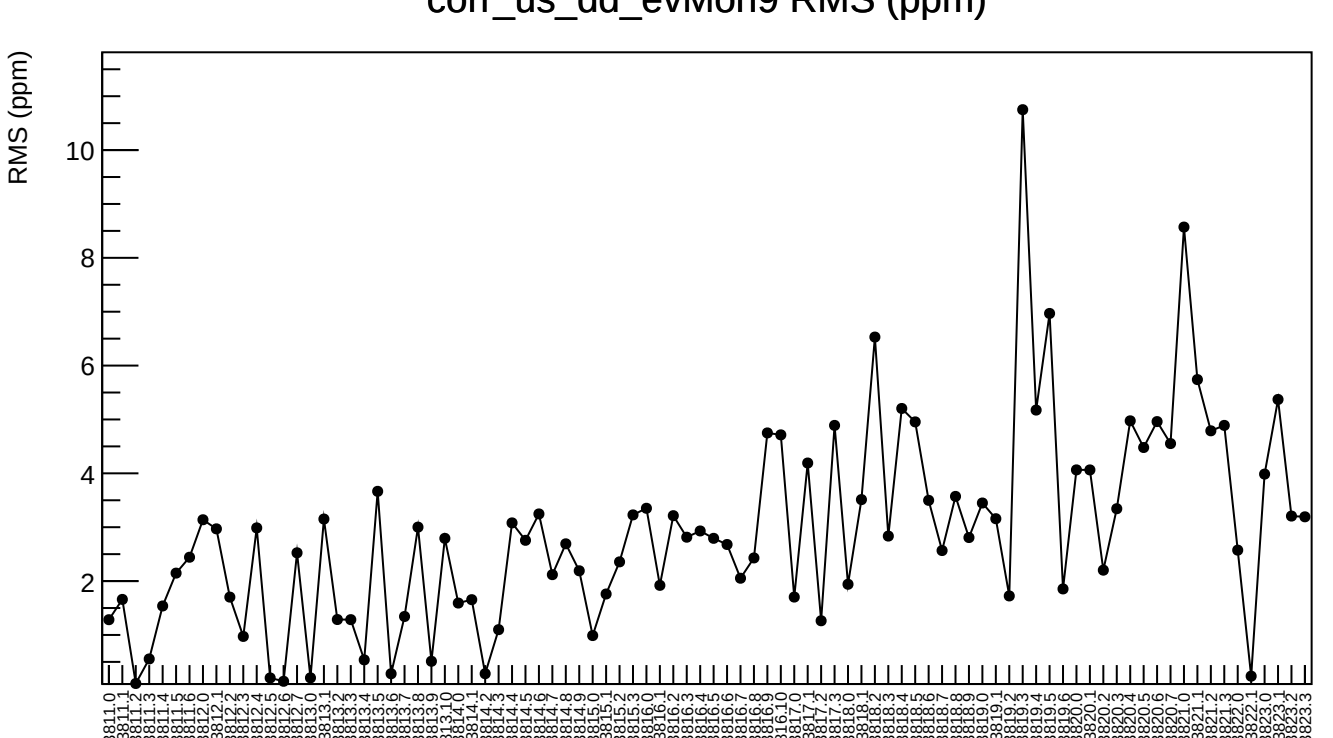

corr_us_dd_evMon7 RMS (ppm)
RMS (ppm)
0.5
1
1.5
2
2.5
3
3.5
4
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

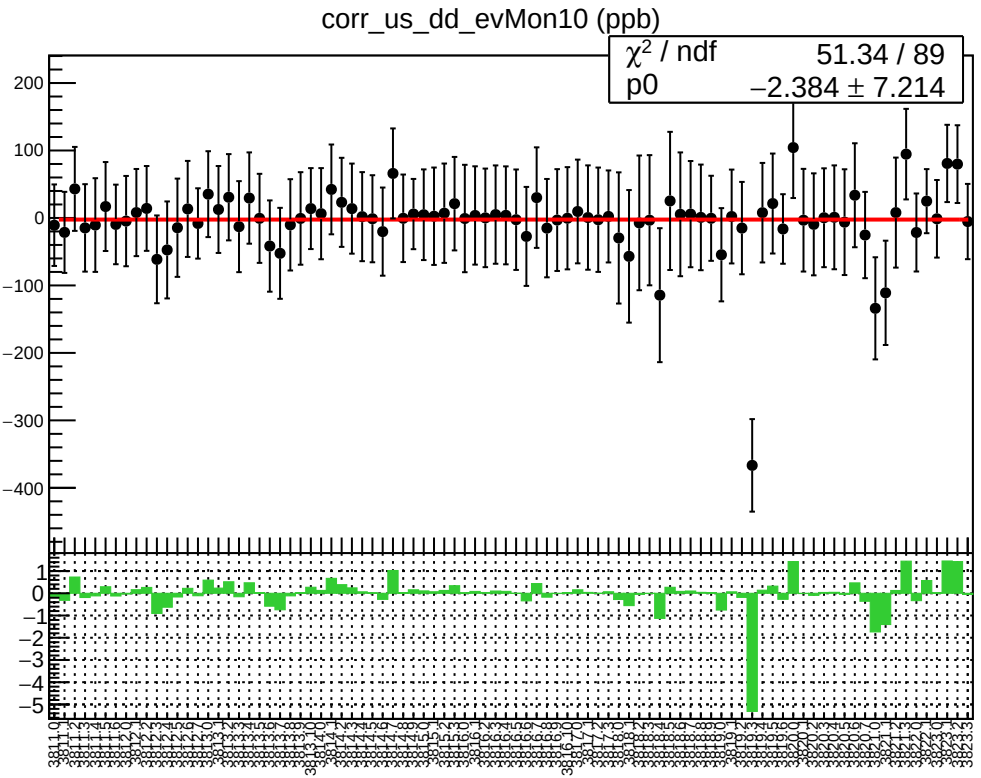

corr_us_dd_evMon8 (ppb)
χ² / ndf 32.64 / 89
p0 −9.214 ± 7.098
1D pull distribution
Mean −0.004374 ± 0.06348
Std Dev 0.6022 ± 0.04488
Underflow 0
Overflow 0
χ² / ndf 9.569 / 4
Constant 36.21 ± 6.40
Mean 0.07176 ± 0.06396
Sigma 0.4793 ± 0.0706

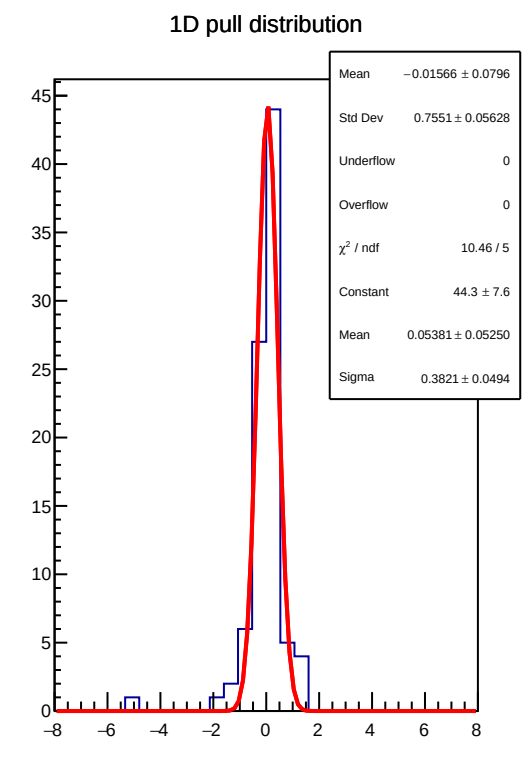

corr_us_dd_evMon8 RMS (ppm)
RMS (ppm)
12
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.1
3823.1
3823.2
3823.3

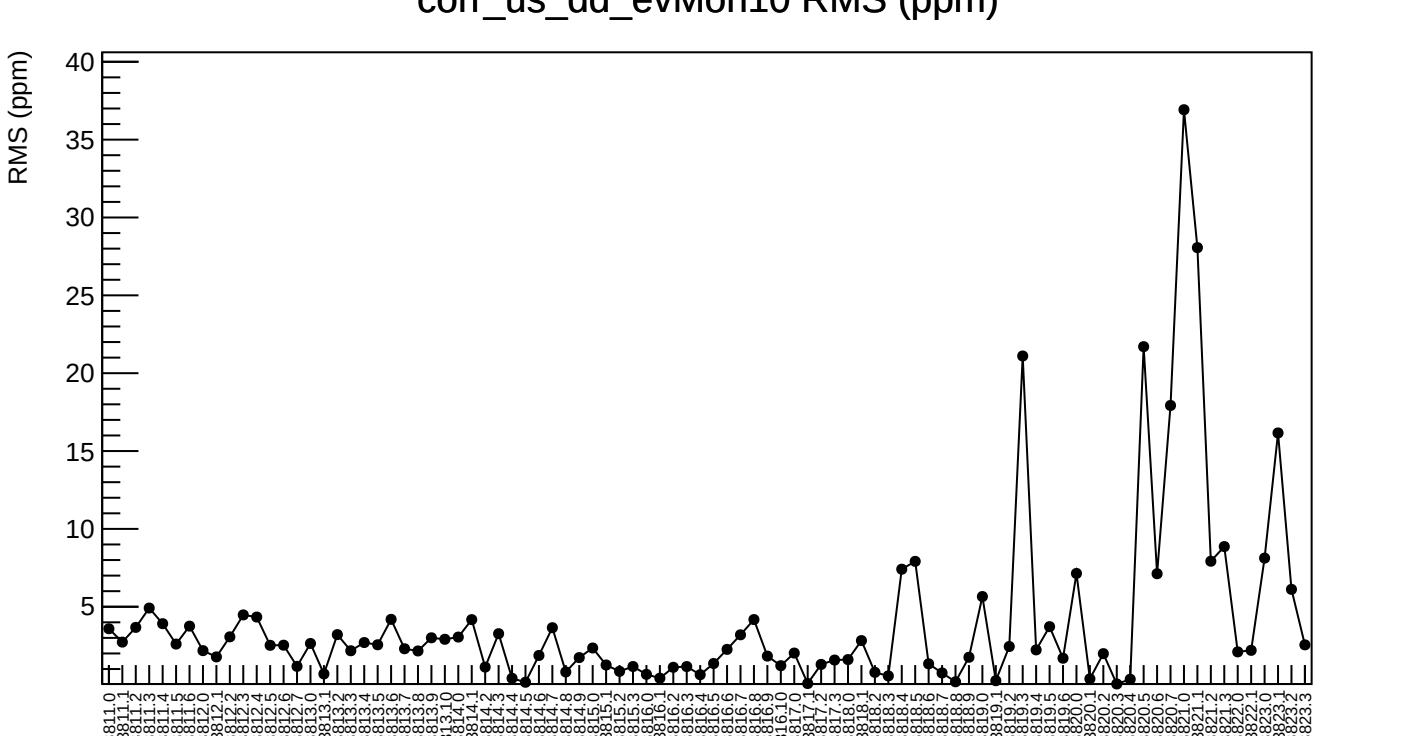

corr_us_dd_evMon9 (ppb)
χ² / ndf 41.97 / 89
p0 0.00503 ± 5.251

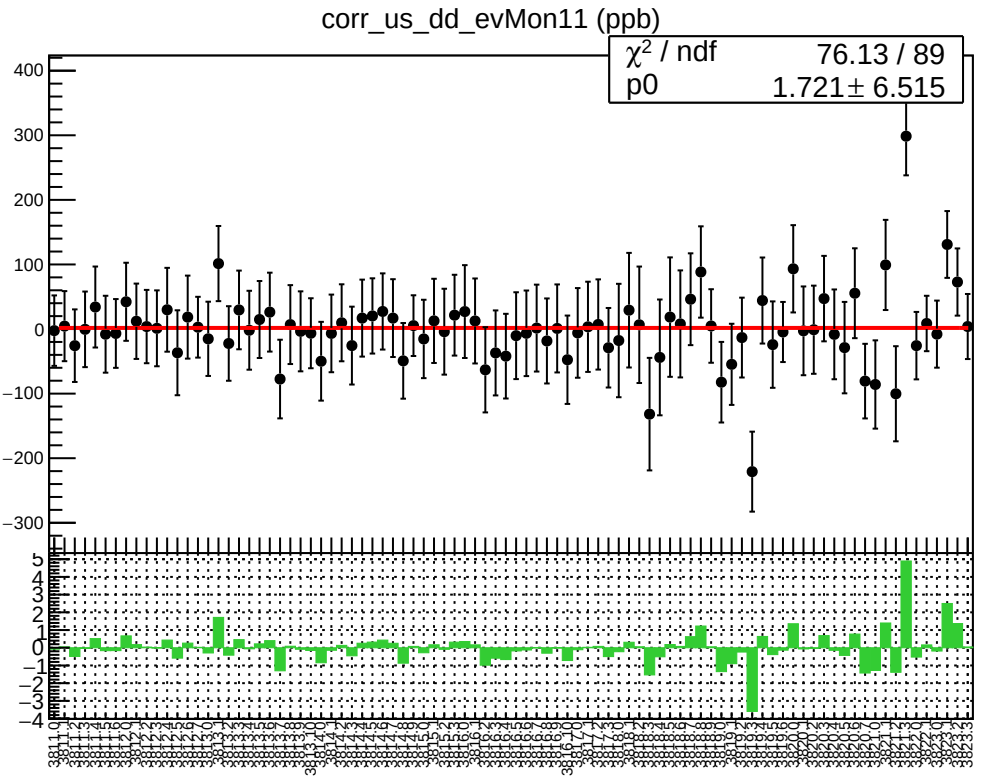

1D pull distribution
Mean −0.01256 ± 0.07197
Std Dev 0.6828 ± 0.05089
Underflow 0
Overflow 0
χ² / ndf 8.409 / 5
Constant 32.34 ± 4.82
Mean −0.0692 ± 0.0603
Sigma 0.5372 ± 0.0538

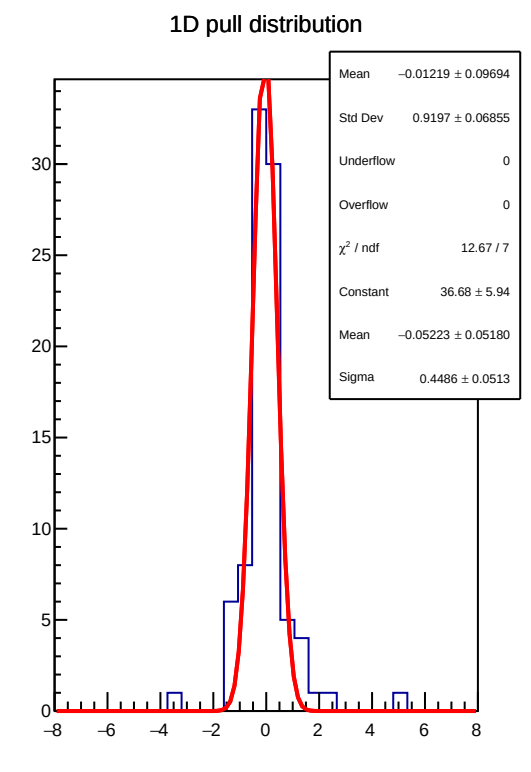

corr_us_dd_evMon9 RMS (ppm)
RMS (ppm)
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.1
3823.1
3823.2
3823.3

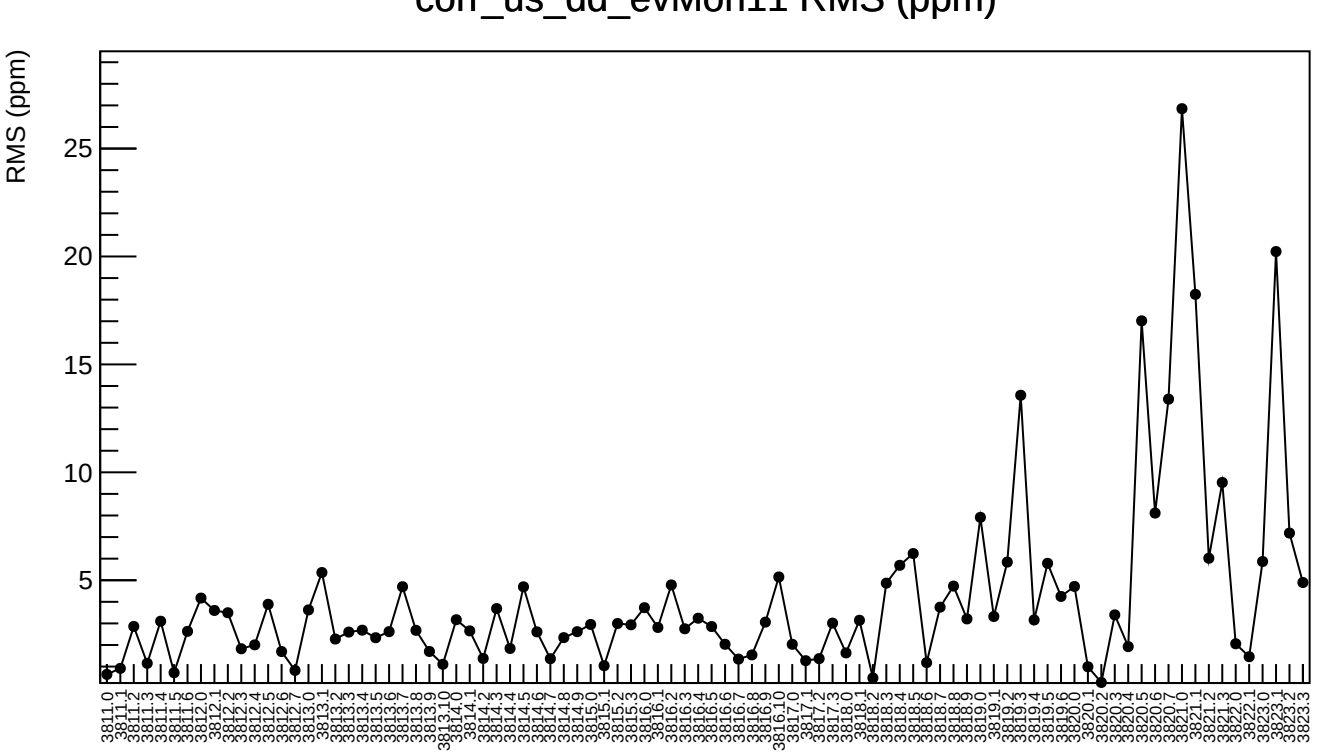

corr_us_dd_evMon10 (ppb)
χ² / ndf 51.34 / 89
p0 −2.384 ± 7.214

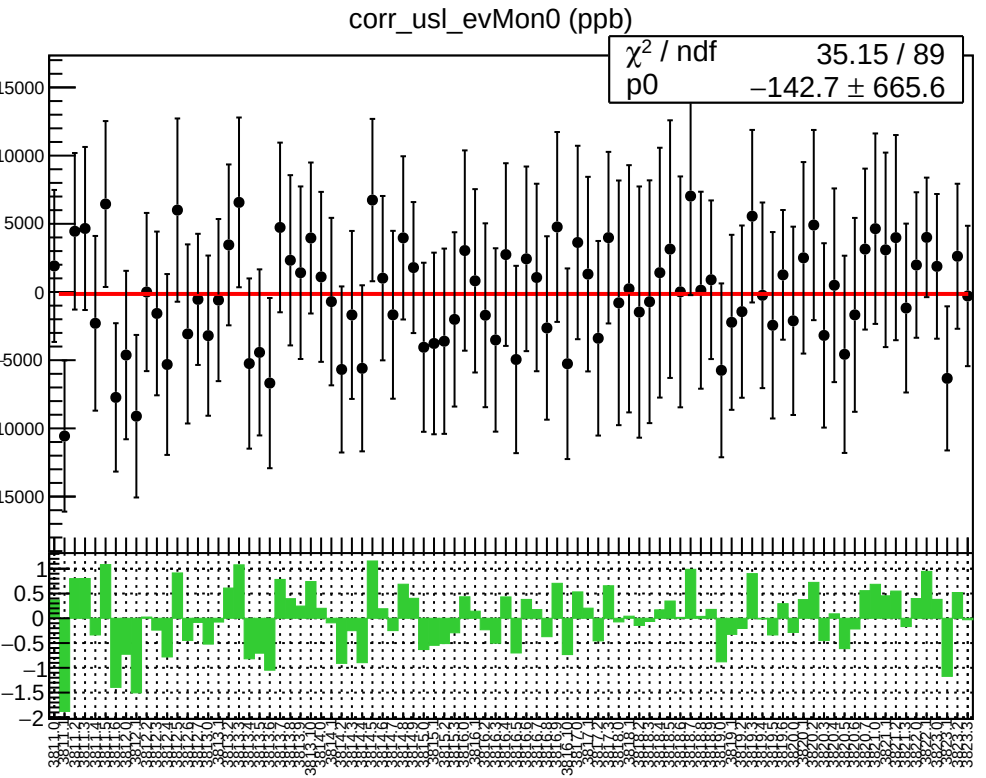

1D pull distribution
Mean −0.01566 ± 0.0796
Std Dev 0.7551 ± 0.05628
Underflow 0
Overflow 0
χ² / ndf 10.46 / 5
Constant 44.3 ± 7.6
Mean 0.05381 ± 0.05250
Sigma 0.3821 ± 0.0494

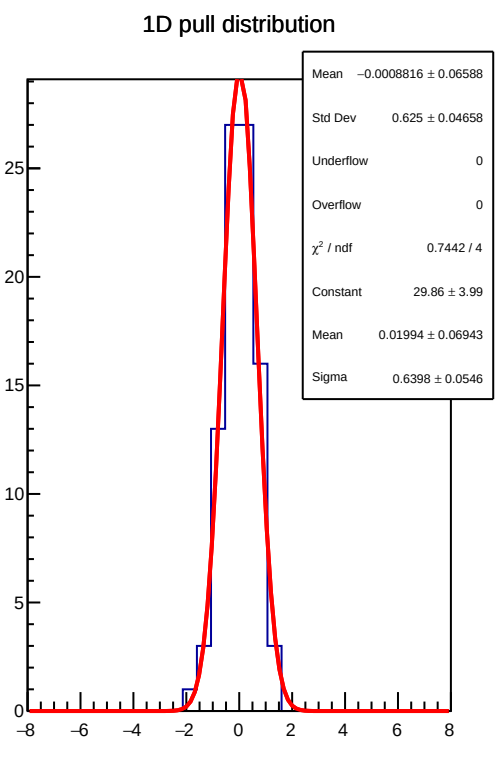

corr_us_dd_evMon10 RMS (ppm)
RMS (ppm)
40
35
30
25
20
15
10
5
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

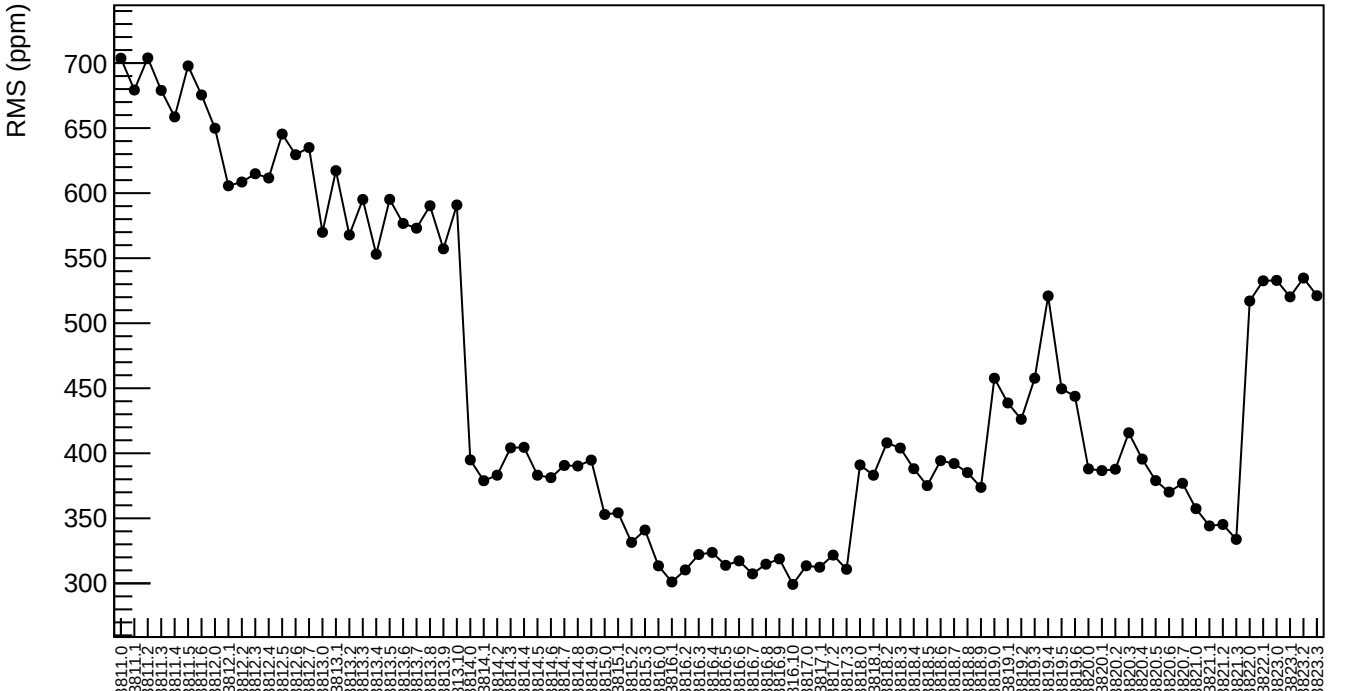

corr_us_dd_evMon11 (ppb)
χ² / ndf 76.13 / 89
p0 1.721 ± 6.515

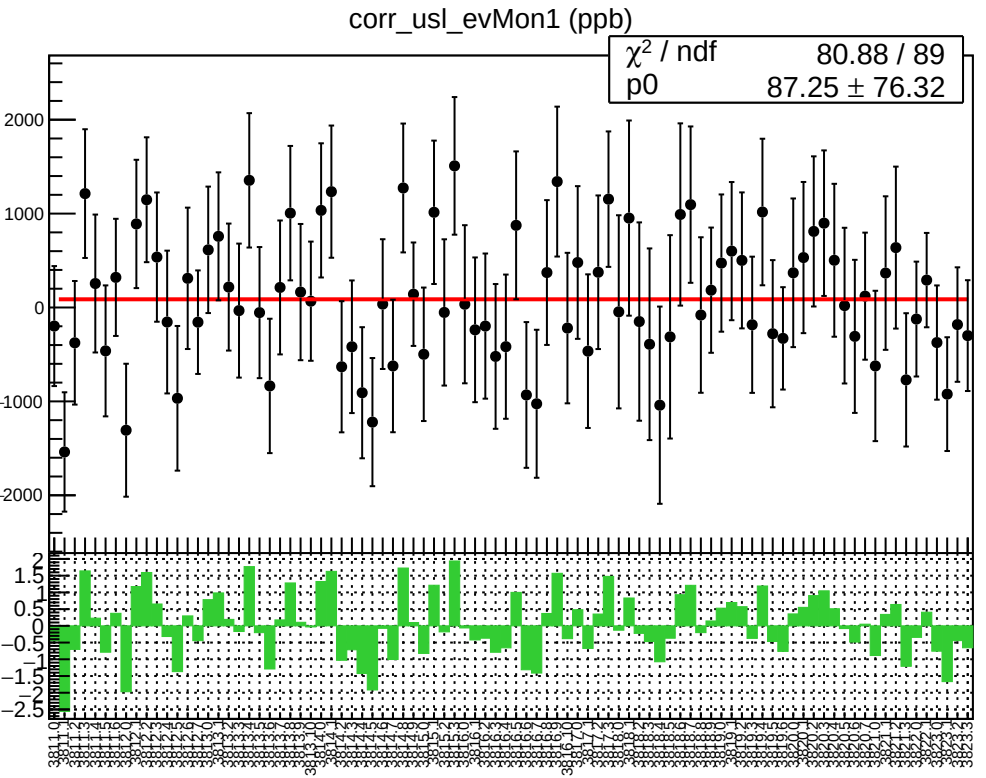

1D pull distribution
Mean −0.01219 ± 0.09694
Std Dev 0.9197 ± 0.06855
Underflow 0
Overflow 0
χ² / ndf 12.67 / 7
Constant 36.68 ± 5.94
Mean −0.05223 ± 0.05180
Sigma 0.4486 ± 0.0513

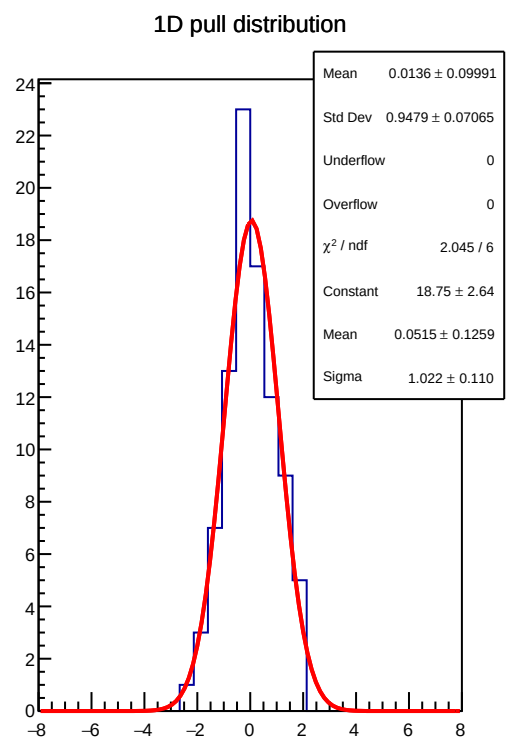

corr_us_dd_evMon11 RMS (ppm)
RMS (ppm)
25
20
15
10
5
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.1
3823.0
3823.1
3823.2
3823.3

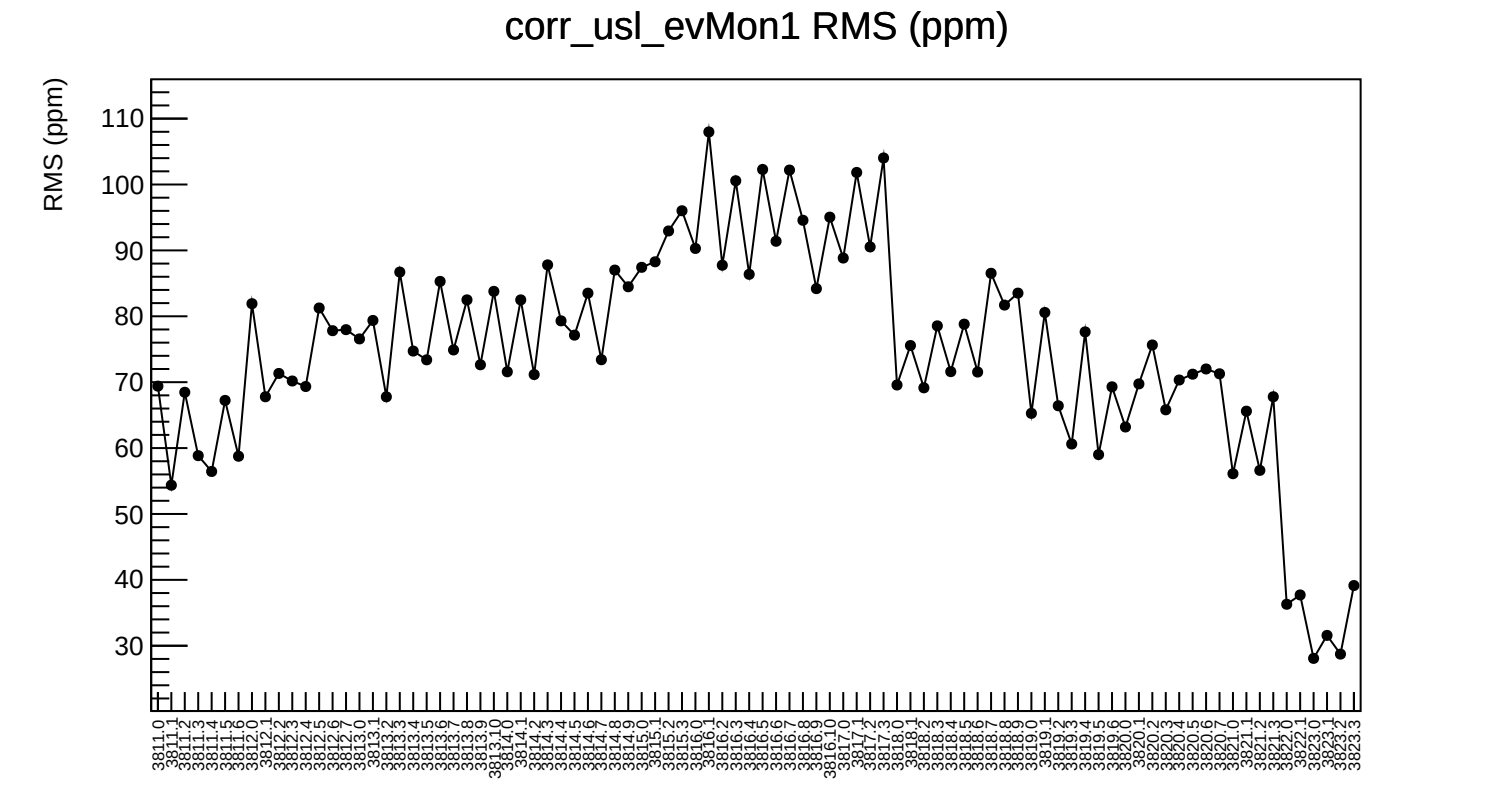

corr_usl_evMon0 (ppb)
χ² / ndf 35.15 / 89
p0 −142.7 ± 665.6
15000
10000
5000
0
−5000
−10000
−15000
1
0.5
0
−0.5
−1
−1.5
−2

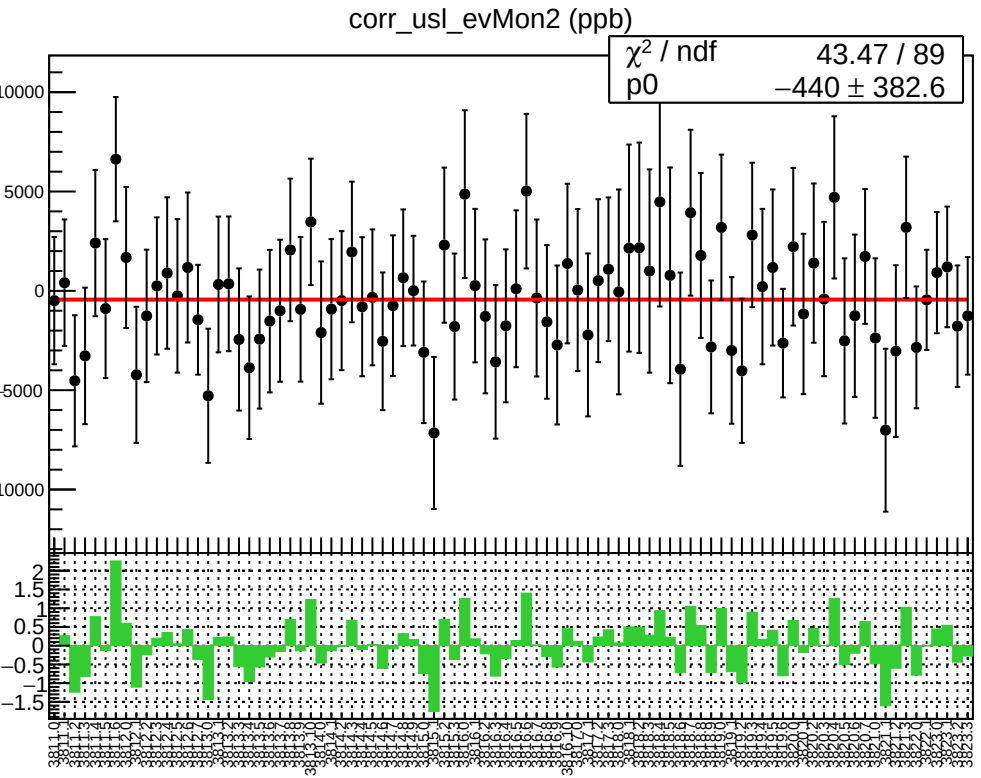

1D pull distribution
Mean −0.0008816 ± 0.06588
Std Dev 0.625 ± 0.04658
Underflow 0
Overflow 0
χ² / ndf 0.7442 / 4
Constant 29.86 ± 3.99
Mean 0.01994 ± 0.06943
Sigma 0.6398 ± 0.0546
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

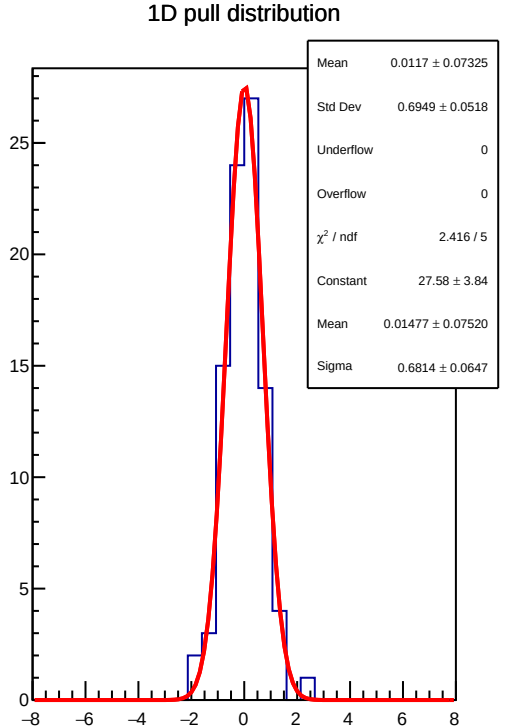

corr_usl_evMon0 RMS (ppm)
RMS (ppm)
700
650
600
550
500
450
400
350
300
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

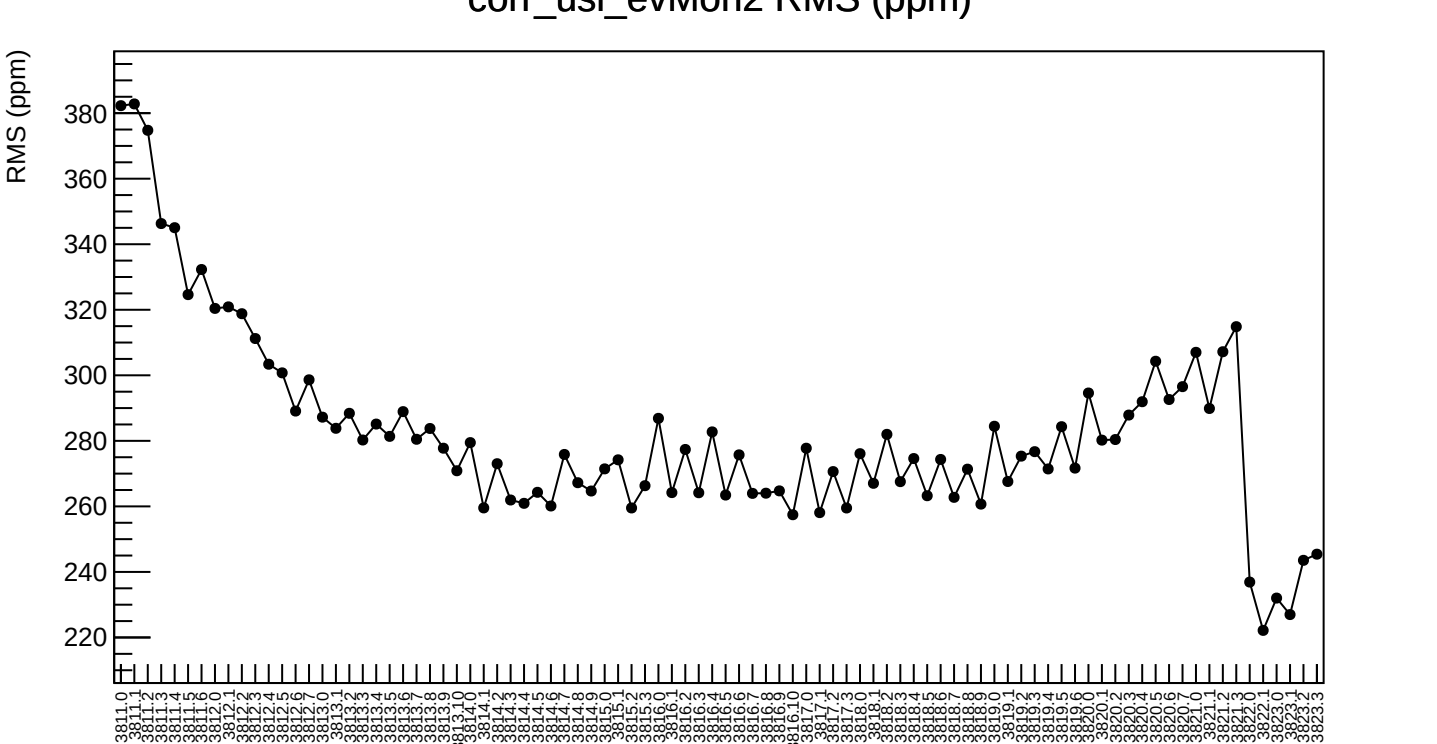

corr_usl_evMon1 (ppb)
χ² / ndf 80.88 / 89
p0 87.25 ± 76.32

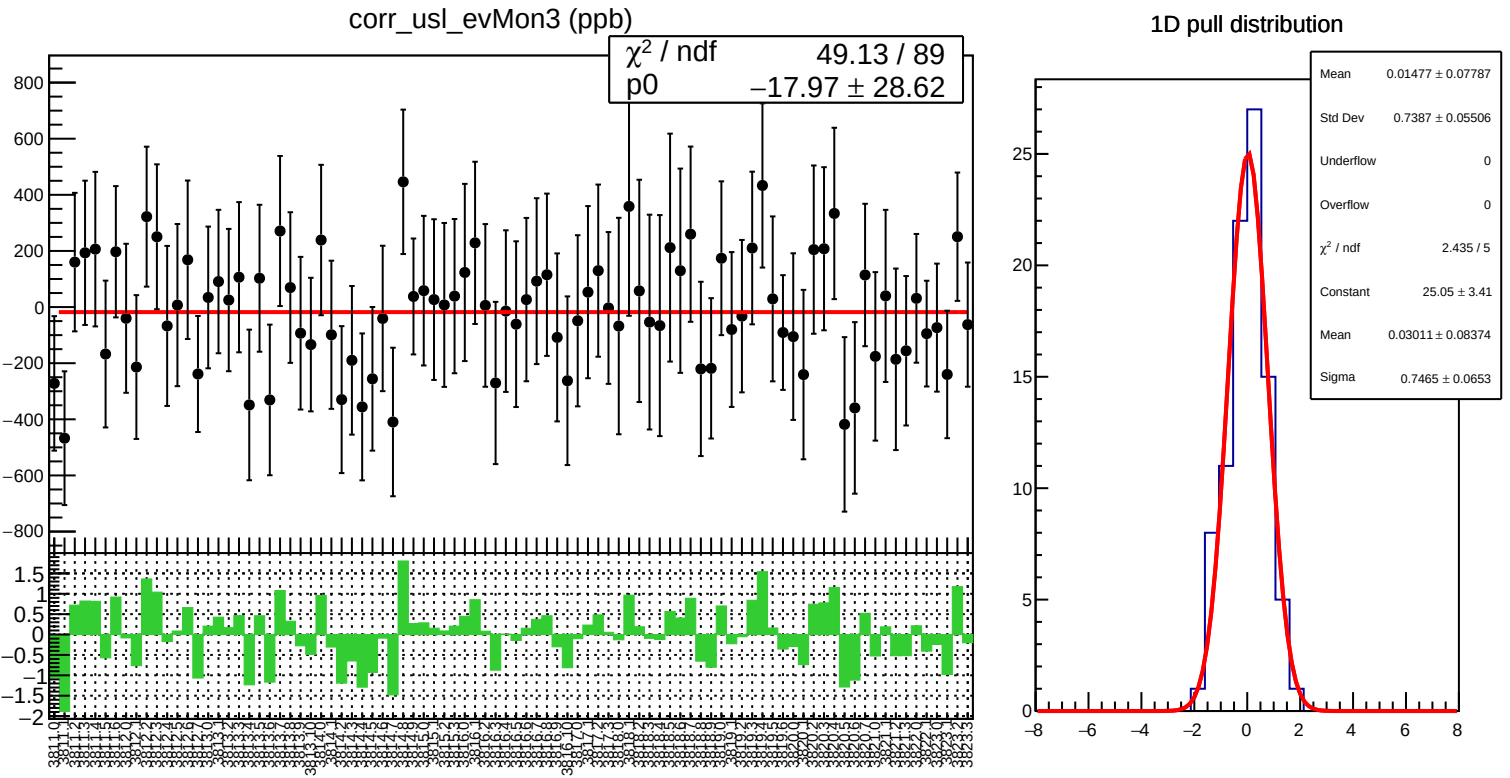

1D pull distribution
Mean 0.0136 ± 0.09991
Std Dev 0.9479 ± 0.07065
Underflow 0
Overflow 0
χ² / ndf 2.045 / 6
Constant 18.75 ± 2.64
Mean 0.0515 ± 0.1259
Sigma 1.022 ± 0.110

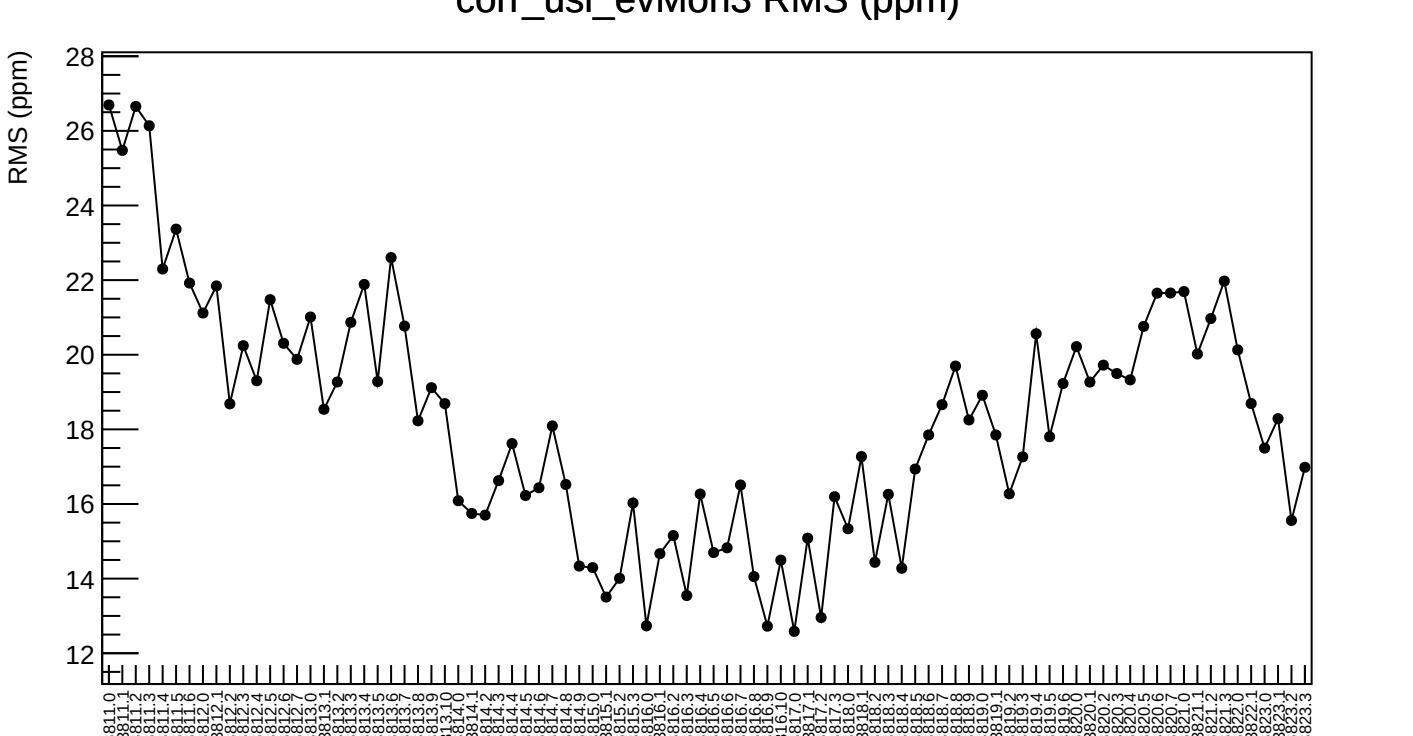

corr_usl_evMon1 RMS (ppm)
RMS (ppm)
110
100
90
80
70
60
50
40
30
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.0
3823.2
3823.3

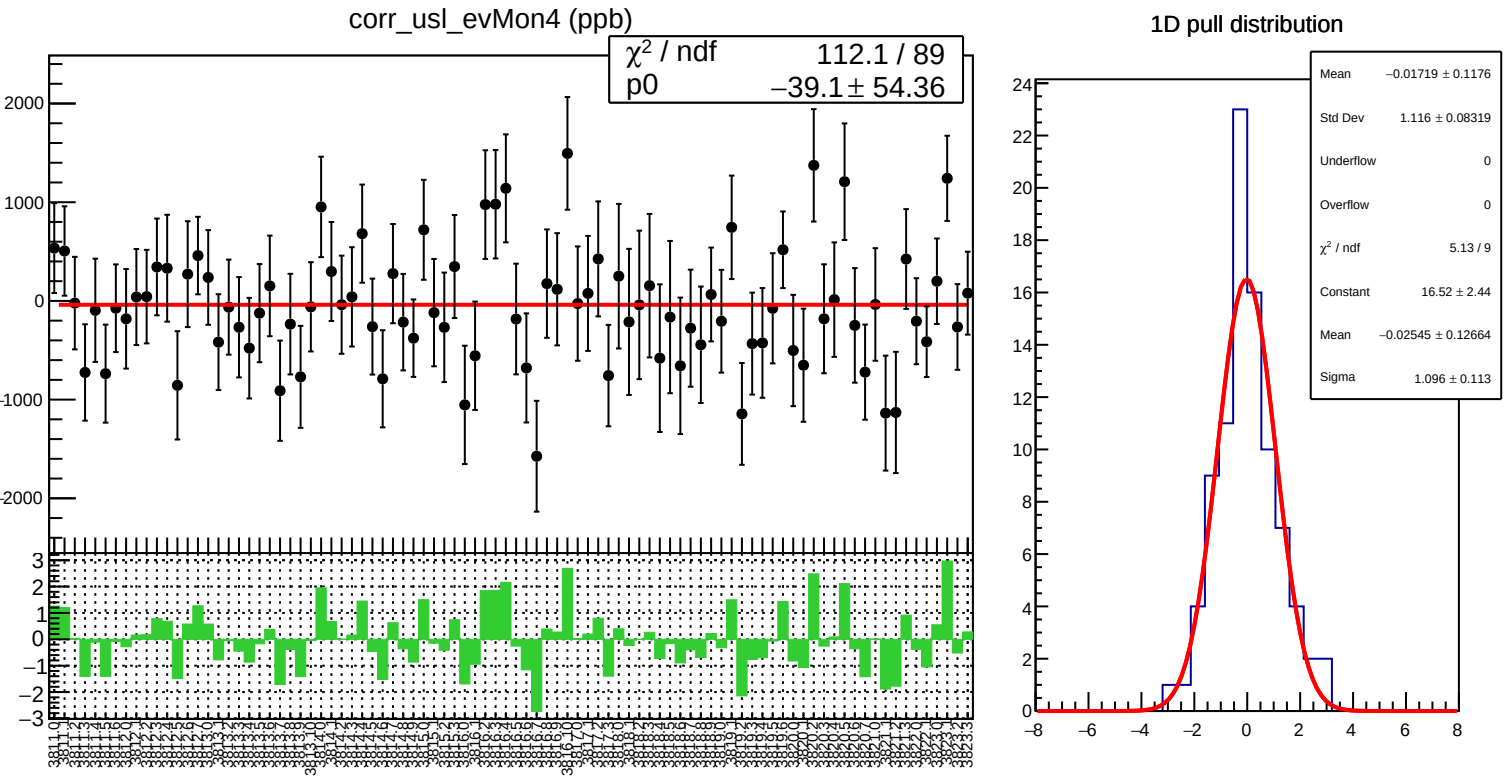

corr_usl_evMon2 (ppb)
χ² / ndf 43.47 / 89
p0 −440 ± 382.6
10000
5000
0
−5000
−10000
2
1.5
1
0.5
0
−0.5
−1
−1.5

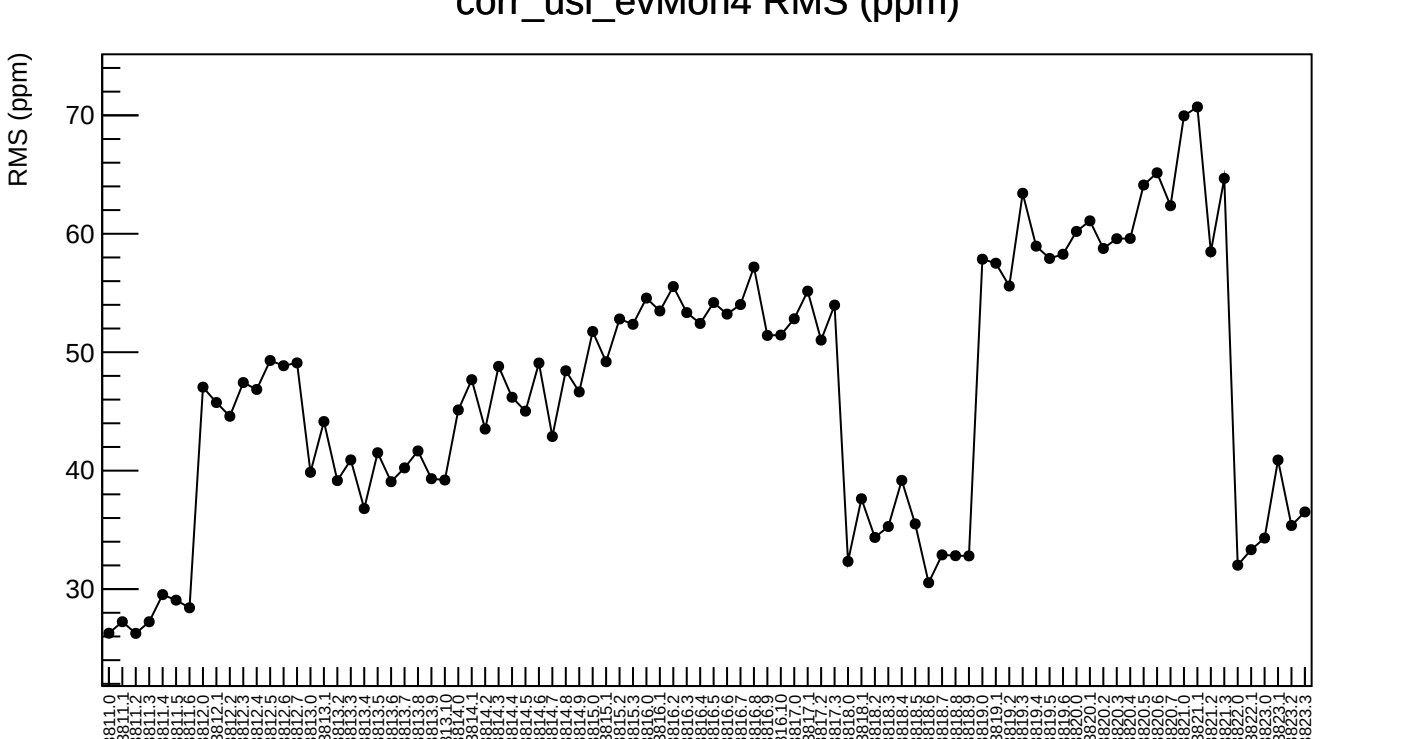

1D pull distribution
Mean 0.0117 ± 0.07325
Std Dev 0.6949 ± 0.0518
Underflow 0
Overflow 0
χ² / ndf 2.416 / 5
Constant 27.58 ± 3.84
Mean 0.01477 ± 0.07520
Sigma 0.6814 ± 0.0647
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

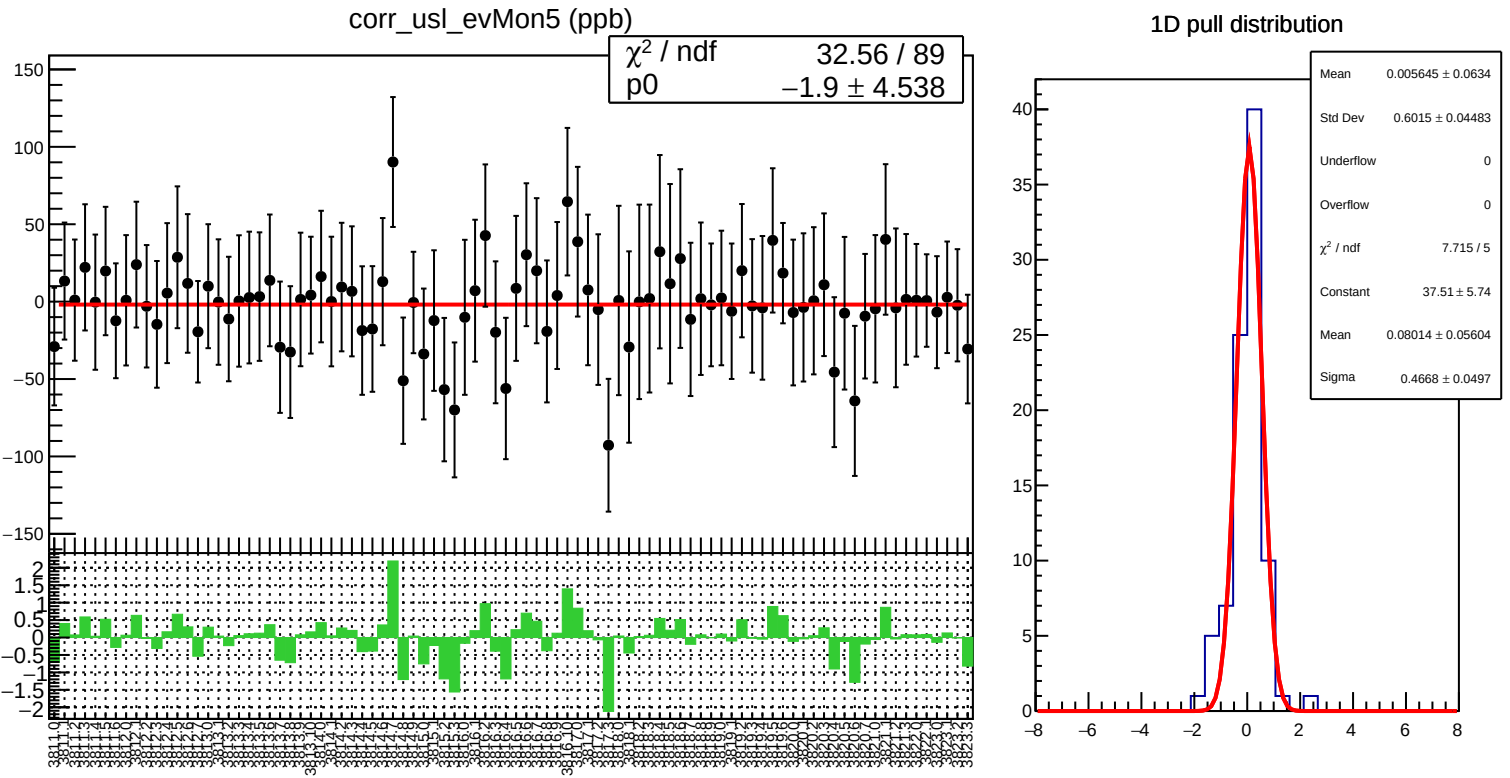

corr_usl_evMon2 RMS (ppm)
RMS (ppm)
380
360
340
320
300
280
260
240
220
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

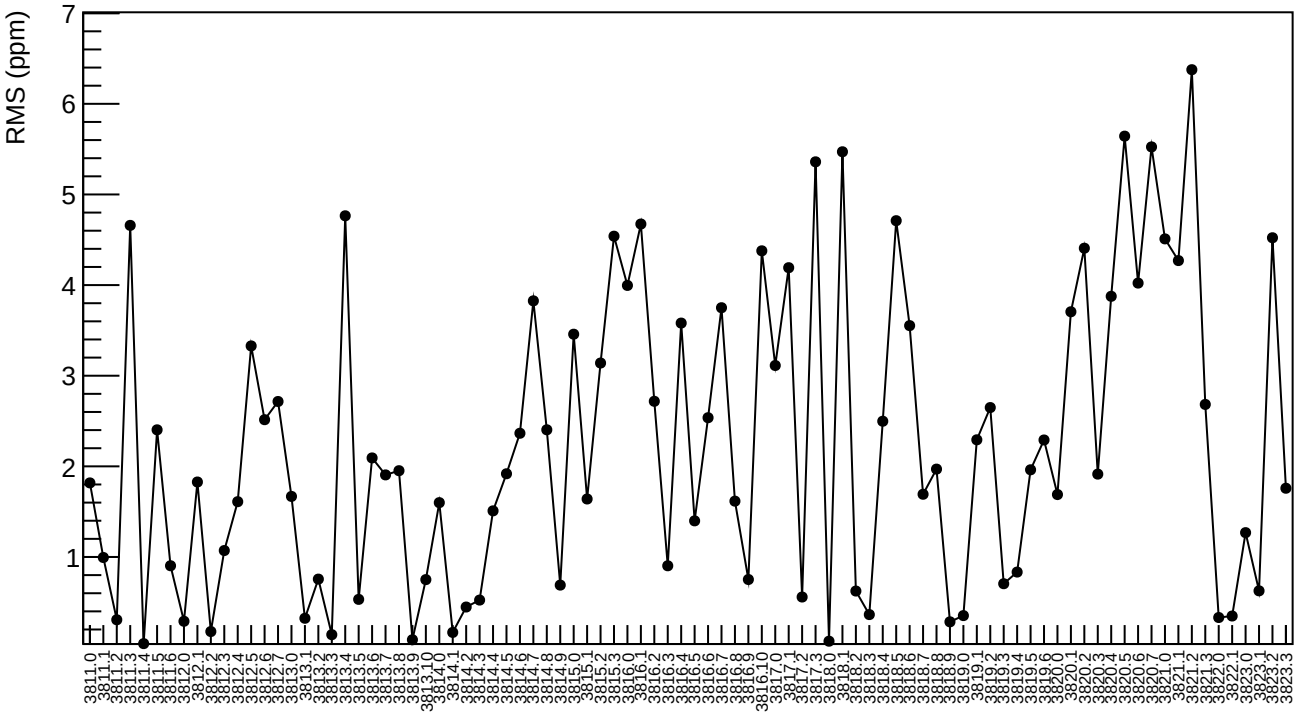

corr_usl_evMon3 (ppb)
χ² / ndf 49.13 / 89
p0 −17.97 ± 28.62
1D pull distribution
Mean 0.01477 ± 0.07787
Std Dev 0.7387 ± 0.05506
Underflow 0
Overflow 0
χ² / ndf 2.435 / 5
Constant 25.05 ± 3.41
Mean 0.03011 ± 0.08374
Sigma 0.7465 ± 0.0653

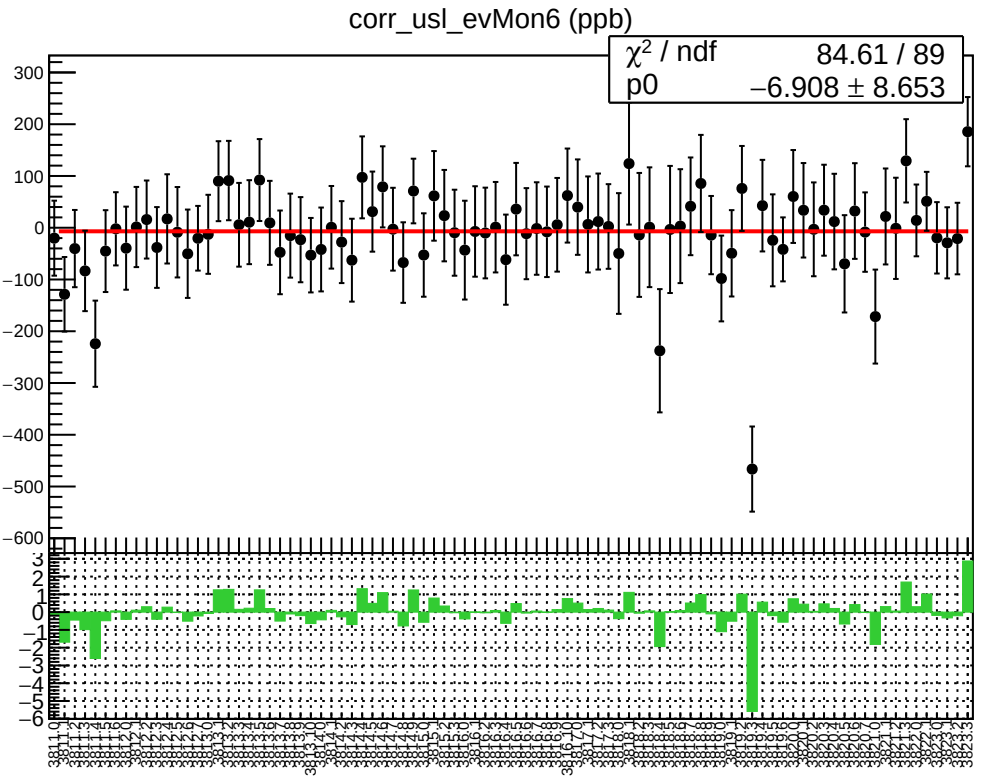

corr_usl_evMon3 RMS (ppm)
RMS (ppm)
28
26
24
22
20
18
16
14
12
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.1
3823.1
3823.2
3823.3

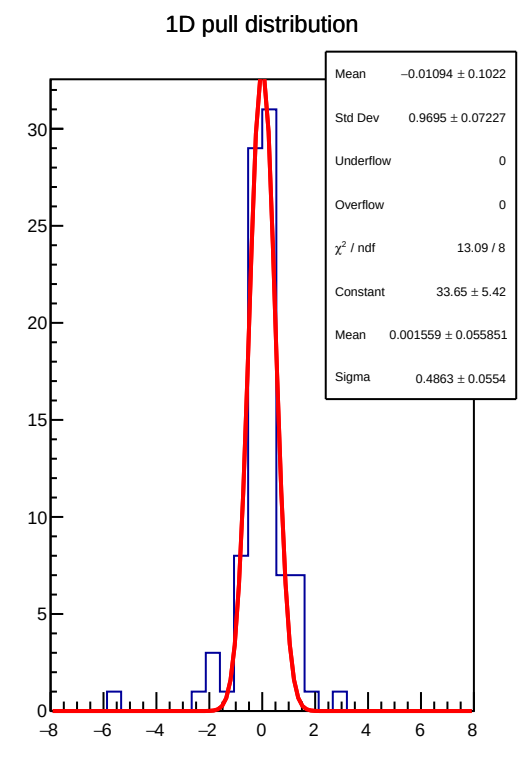

corr_usl_evMon4 (ppb)
χ² / ndf 112.1 / 89
p0 −39.1 ± 54.36
2000
1000
0
-1000
-2000
3
2
1
0
−1
−2
−3
1D pull distribution
Mean −0.01719 ± 0.1176
Std Dev 1.116 ± 0.08319
Underflow 0
Overflow 0
χ² / ndf 5.13 / 9
Constant 16.52 ± 2.44
Mean −0.02545 ± 0.12664
Sigma 1.096 ± 0.113
24
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

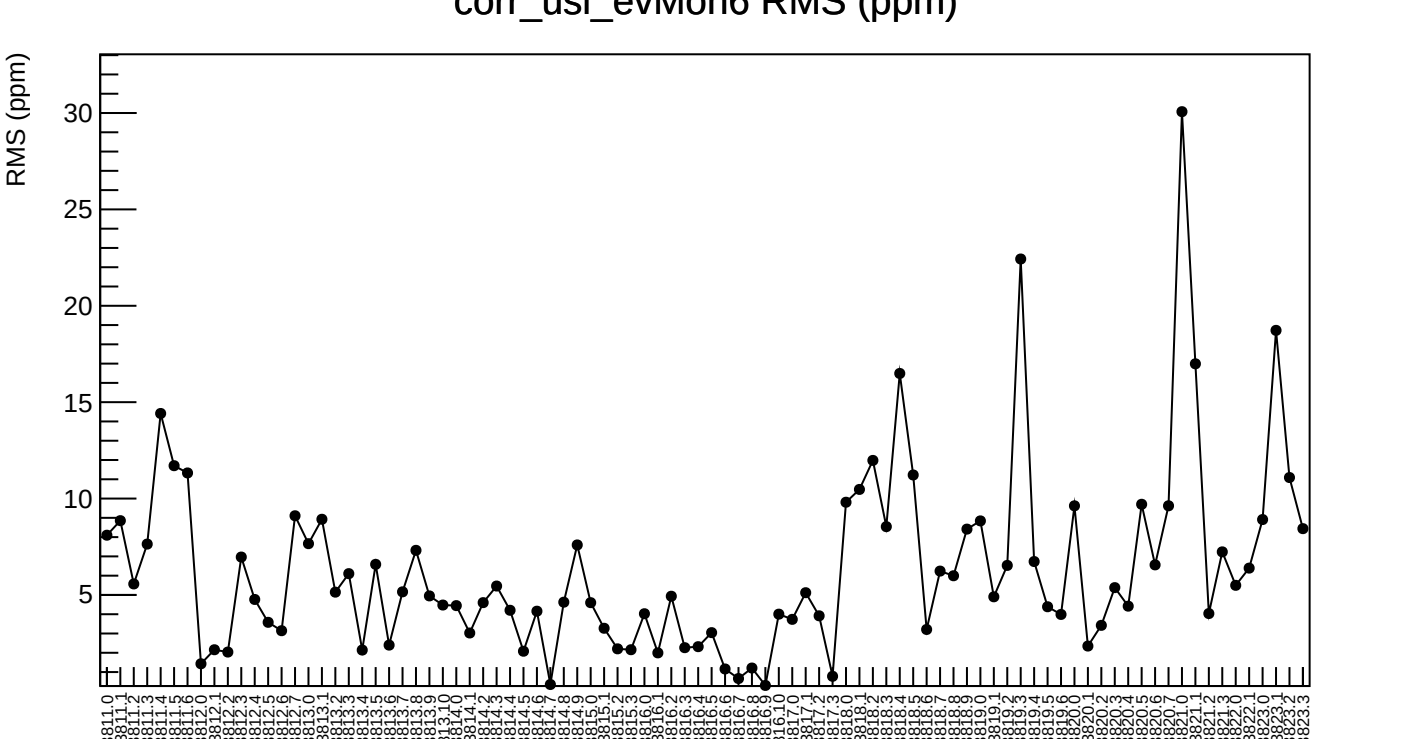

corr_usl_evMon4 RMS (ppm)
RMS (ppm)
70
60
50
40
30
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

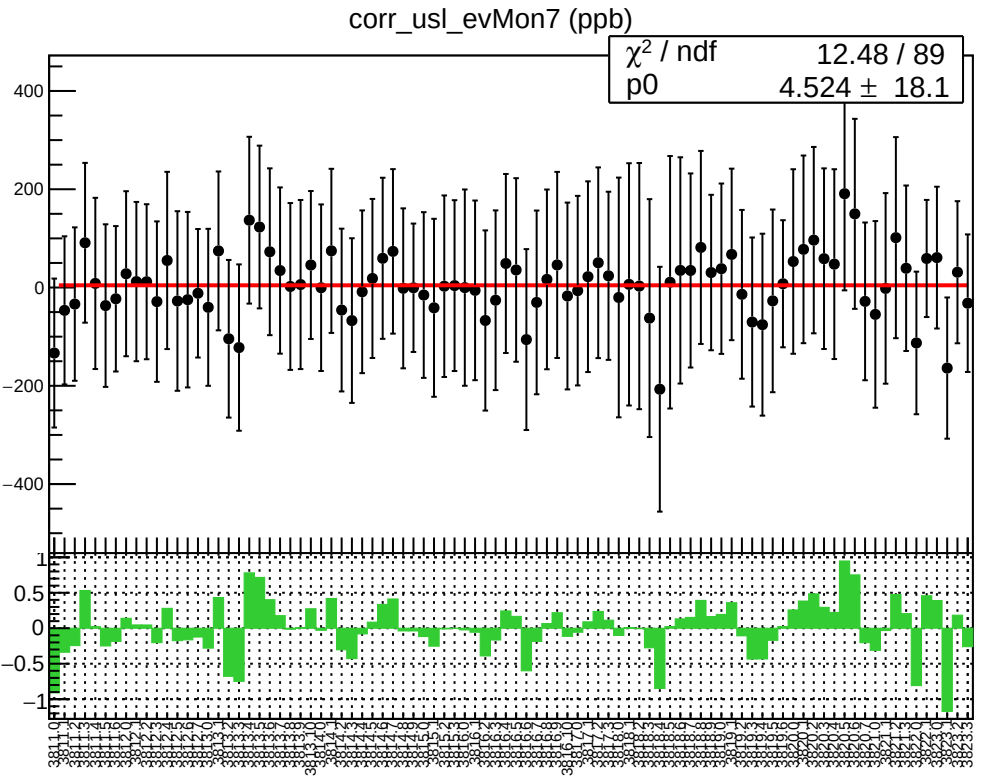

corr_usl_evMon5 (ppb)
χ² / ndf 32.56 / 89
p0 −1.9 ± 4.538
1D pull distribution
Mean 0.005645 ± 0.0634
Std Dev 0.6015 ± 0.04483
Underflow 0
Overflow 0
χ² / ndf 7.715 / 5
Constant 37.51 ± 5.74
Mean 0.08014 ± 0.05604
Sigma 0.4668 ± 0.0497

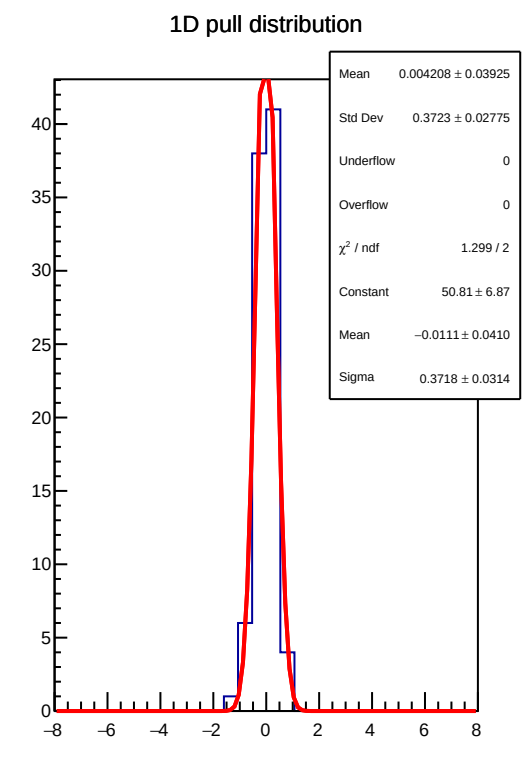

corr_usl_evMon5 RMS (ppm)
RMS (ppm)
7
6
5
4
3
2
1
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

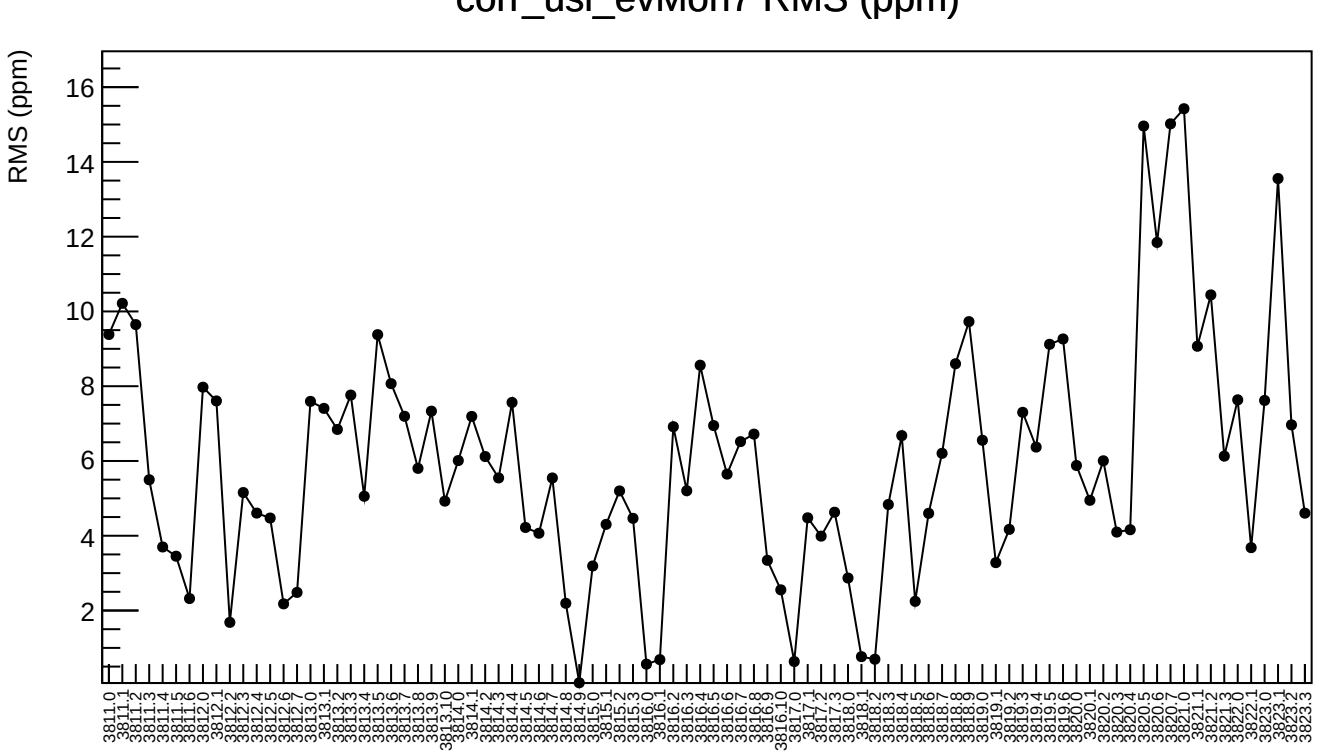

corr_usl_evMon6 (ppb)
χ² / ndf 84.61 / 89
p0 −6.908 ± 8.653

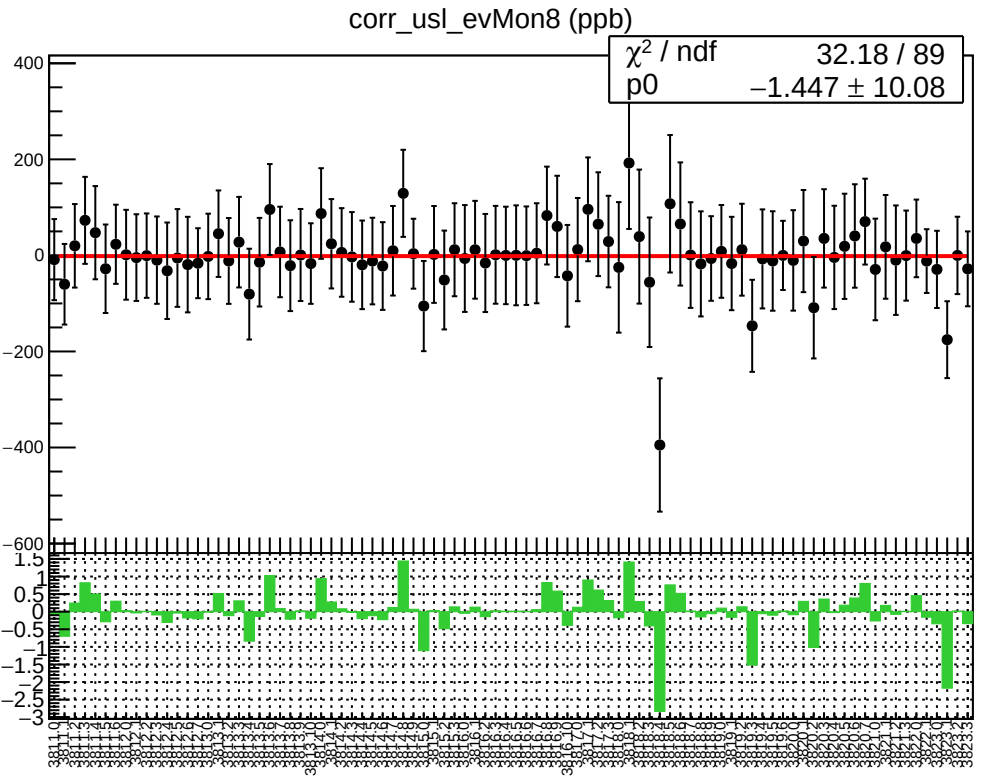

1D pull distribution
Mean −0.01094 ± 0.1022
Std Dev 0.9695 ± 0.07227
Underflow 0
Overflow 0
χ² / ndf 13.09 / 8
Constant 33.65 ± 5.42
Mean 0.001559 ± 0.055851
Sigma 0.4863 ± 0.0554

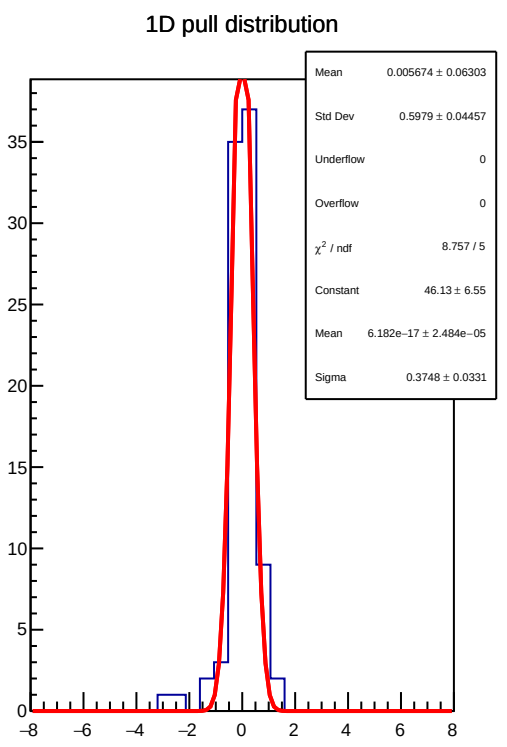

corr_usl_evMon6 RMS (ppm)
RMS (ppm)
30
25
20
15
10
5
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.0
3823.2
3823.3

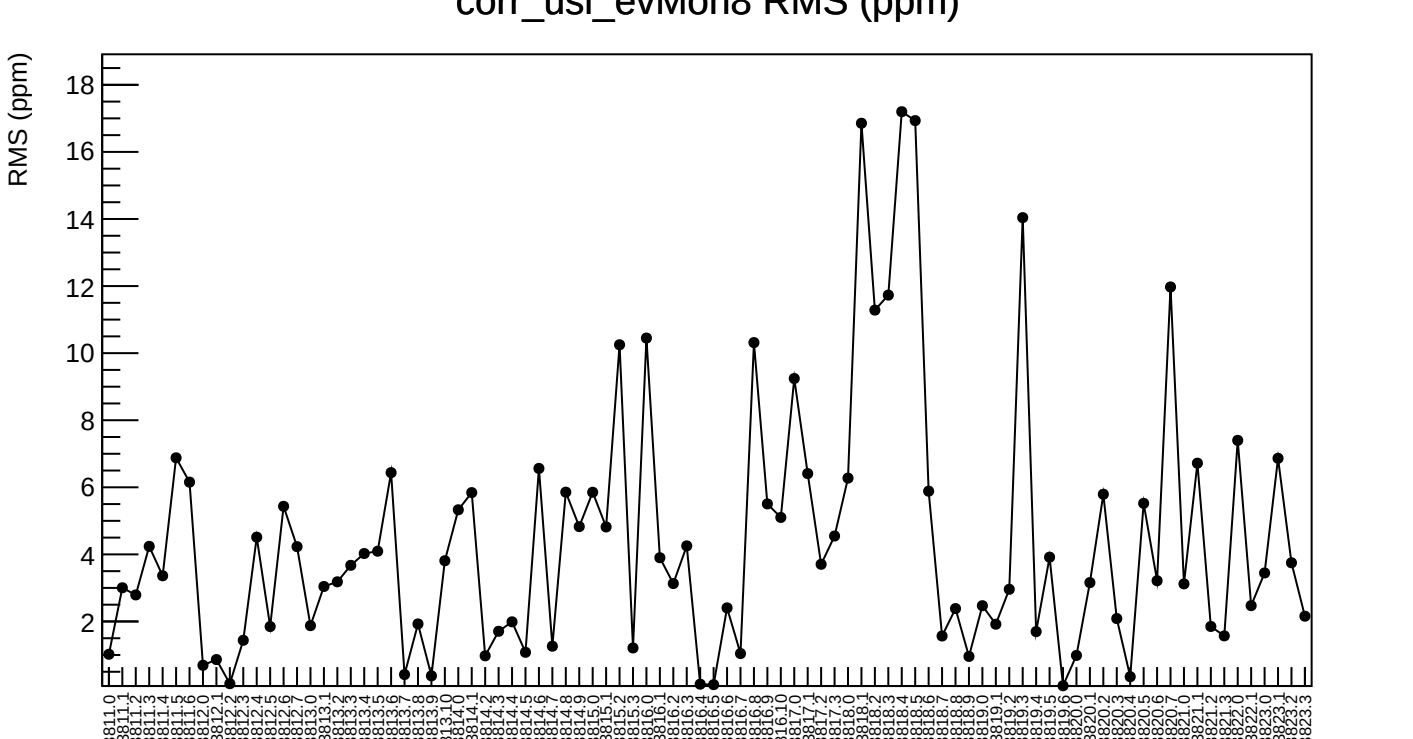

corr_usl_evMon7 (ppb)
χ² / ndf 12.48 / 89
p0 4.524 ± 18.1

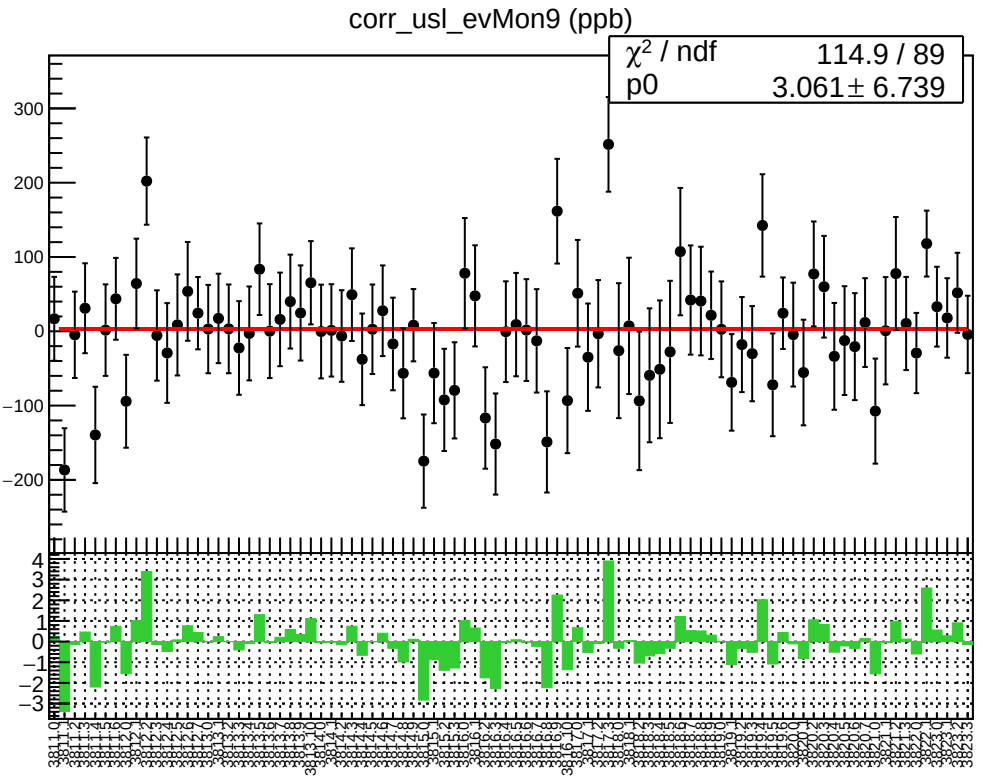

1D pull distribution
Mean 0.004208 ± 0.03925
Std Dev 0.3723 ± 0.02775
Underflow 0
Overflow 0
χ² / ndf 1.299 / 2
Constant 50.81 ± 6.87
Mean −0.0111 ± 0.0410
Sigma 0.3718 ± 0.0314

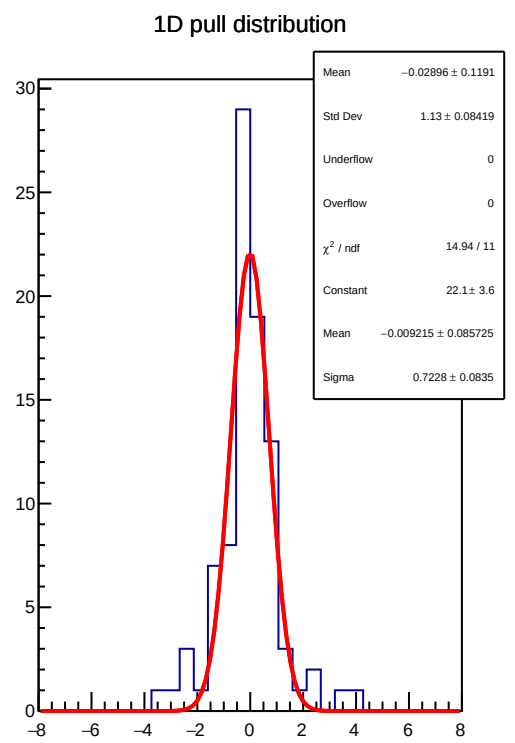

corr_usl_evMon7 RMS (ppm)
RMS (ppm)
16
14
12
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3823.1
3823.2
3823.3

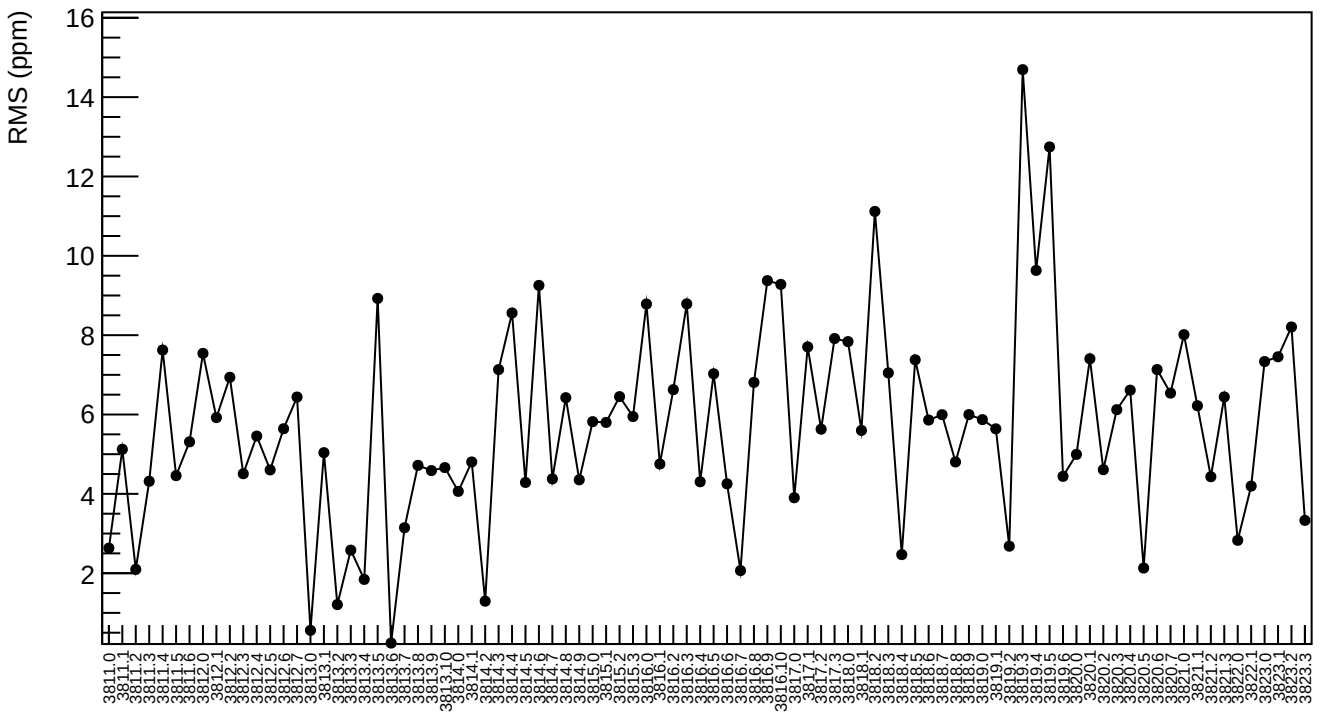

corr_usl_evMon8 (ppb)
χ² / ndf 32.18 / 89
p0 −1.447 ± 10.08

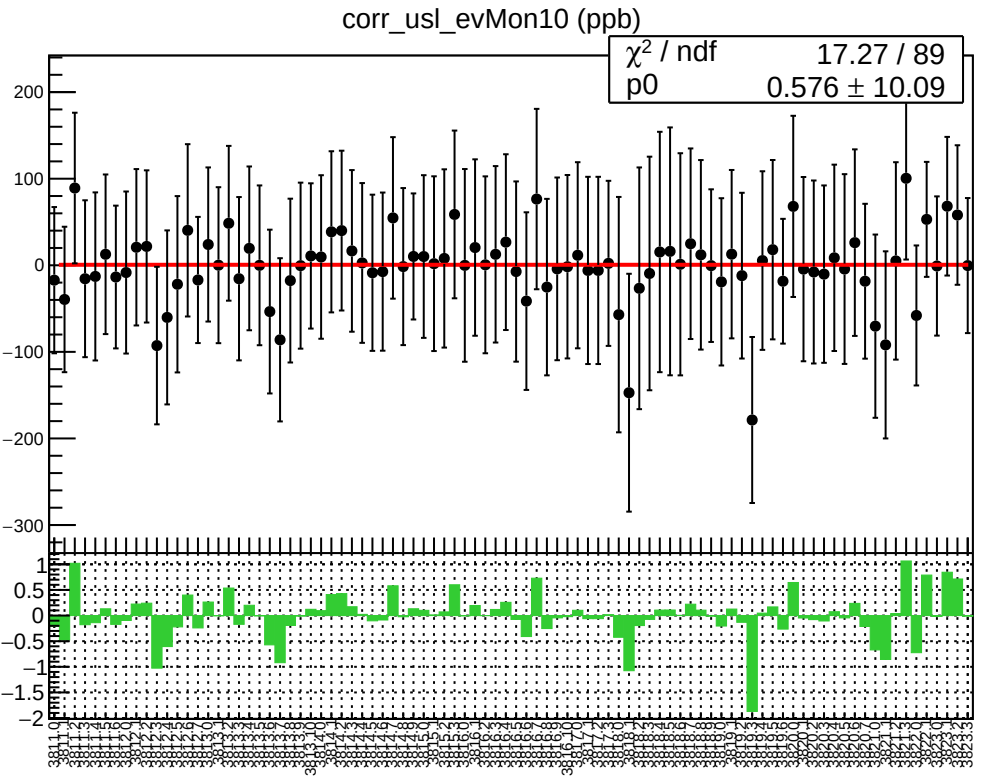

1D pull distribution
Mean 0.005674 ± 0.06303
Std Dev 0.5979 ± 0.04457
Underflow 0
Overflow 0
χ² / ndf 8.757 / 5
Constant 46.13 ± 6.55
Mean 6.182e−17 ± 2.484e−05
Sigma 0.3748 ± 0.0331

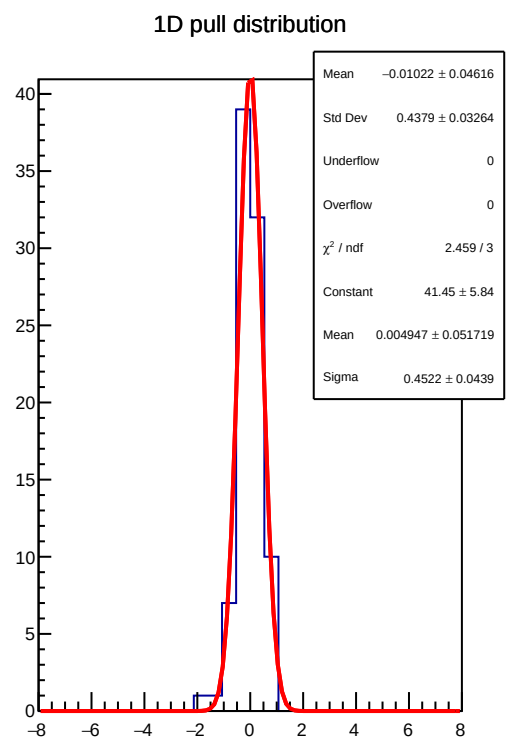

corr_usl_evMon8 RMS (ppm)
RMS (ppm)
18
16
14
12
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

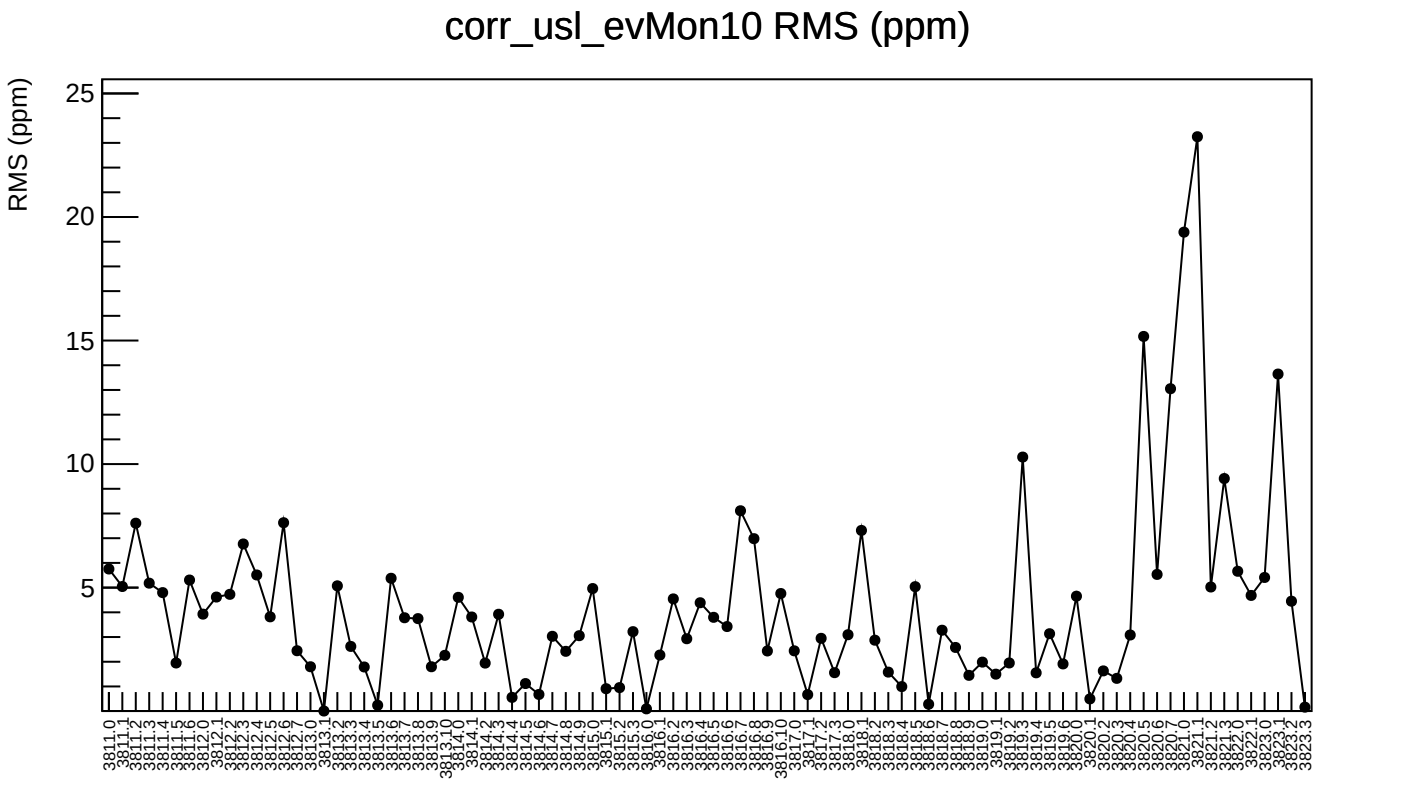

corr_usl_evMon9 (ppb)
χ² / ndf 114.9 / 89
p0 3.061 ± 6.739

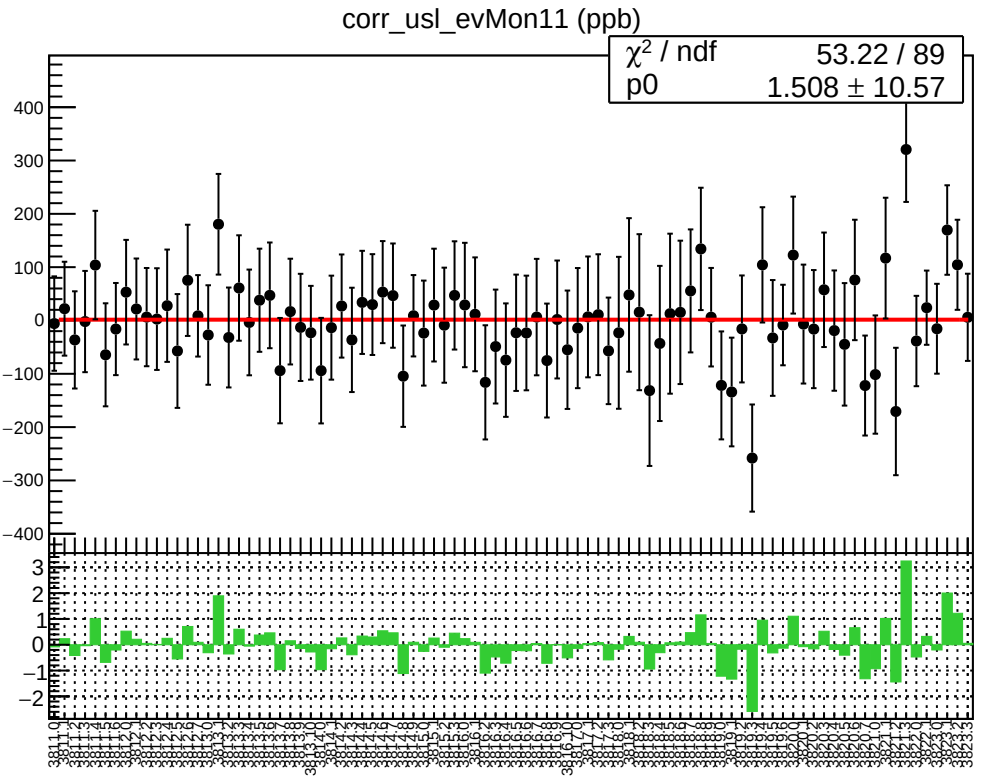

1D pull distribution
Mean −0.02896 ± 0.1191
Std Dev 1.13 ± 0.08419
Underflow 0
Overflow 0
χ² / ndf 14.94 / 11
Constant 22.1 ± 3.6
Mean −0.009215 ± 0.085725
Sigma 0.7228 ± 0.0835

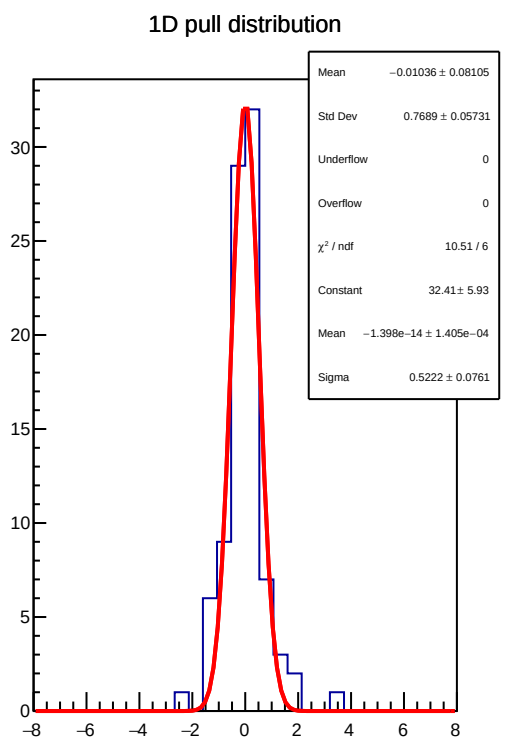

corr_usl_evMon9 RMS (ppm)
RMS (ppm)
16
14
12
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.1
3823.0
3823.1
3823.2
3823.3

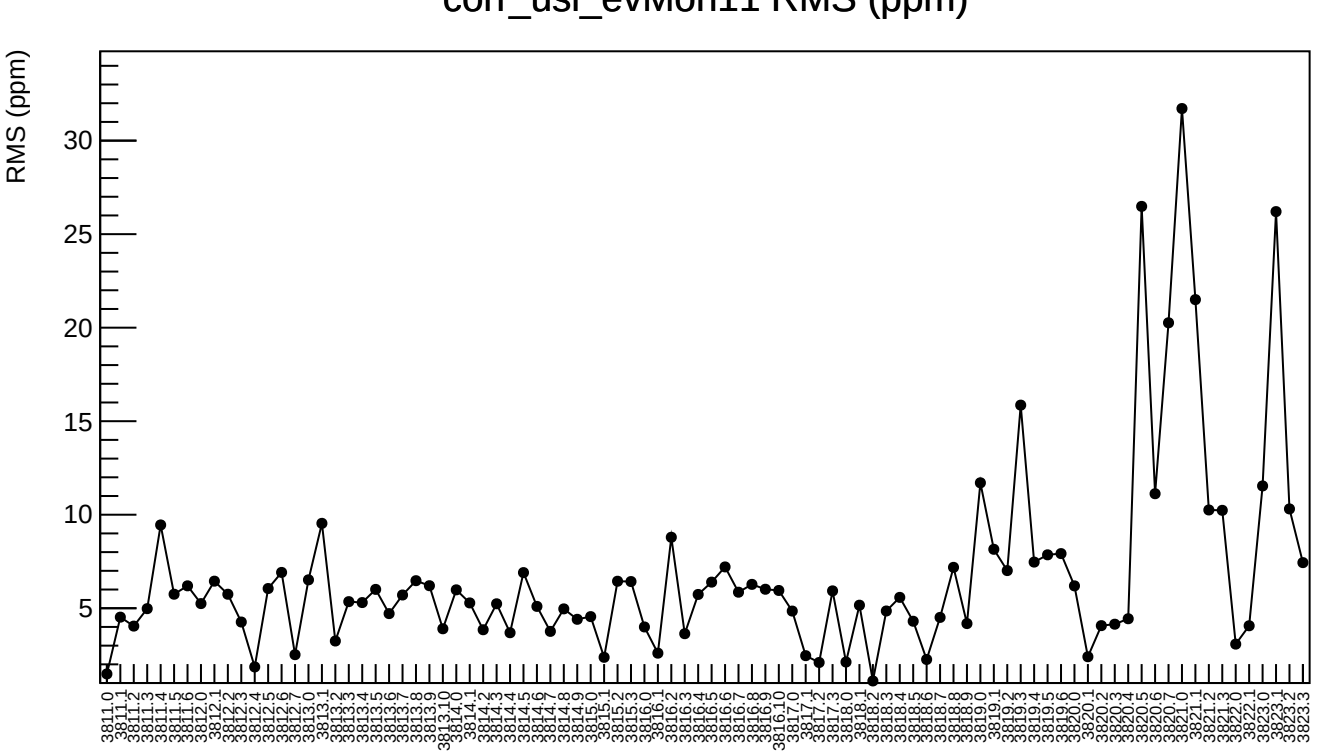

corr_usl_evMon10 (ppb)
χ² / ndf 17.27 / 89
p0 0.576 ± 10.09

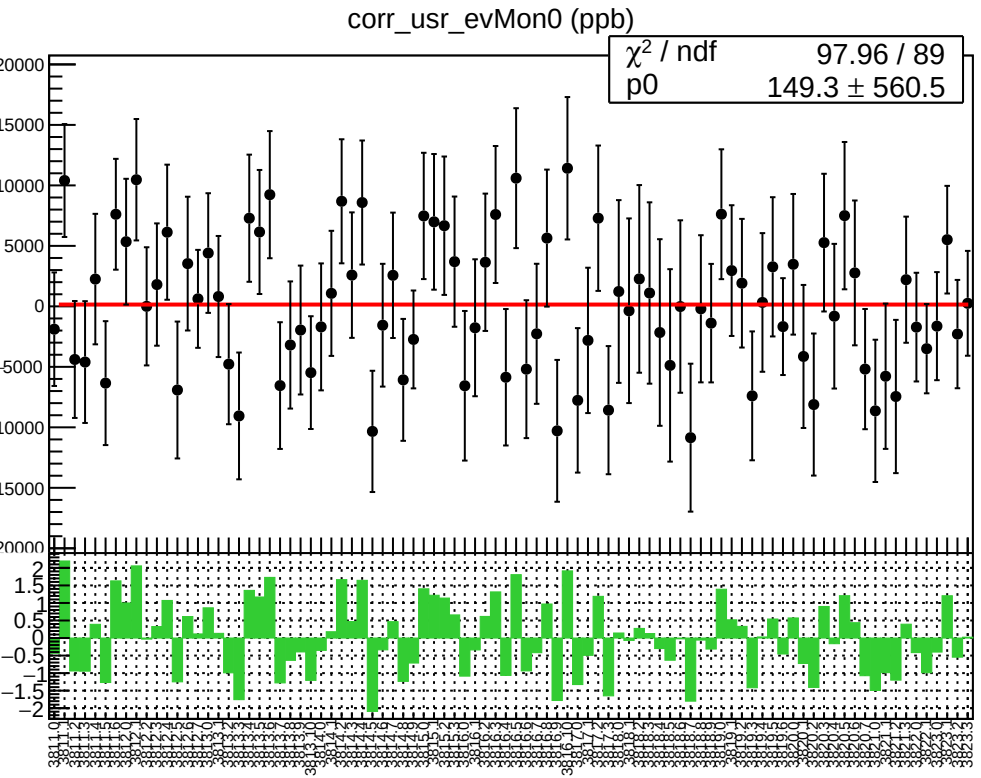

1D pull distribution
Mean −0.01022 ± 0.04616
Std Dev 0.4379 ± 0.03264
Underflow 0
Overflow 0
χ² / ndf 2.459 / 3
Constant 41.45 ± 5.84
Mean 0.004947 ± 0.051719
Sigma 0.4522 ± 0.0439

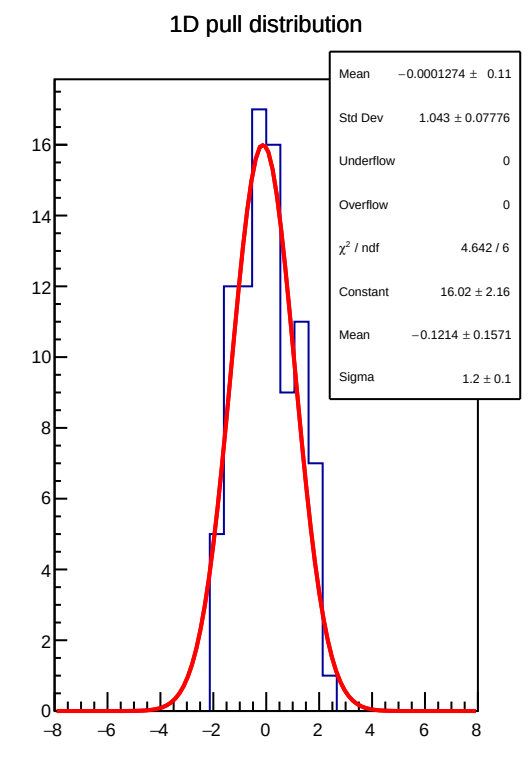

corr_usl_evMon10 RMS (ppm)
RMS (ppm)
25
20
15
10
5
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

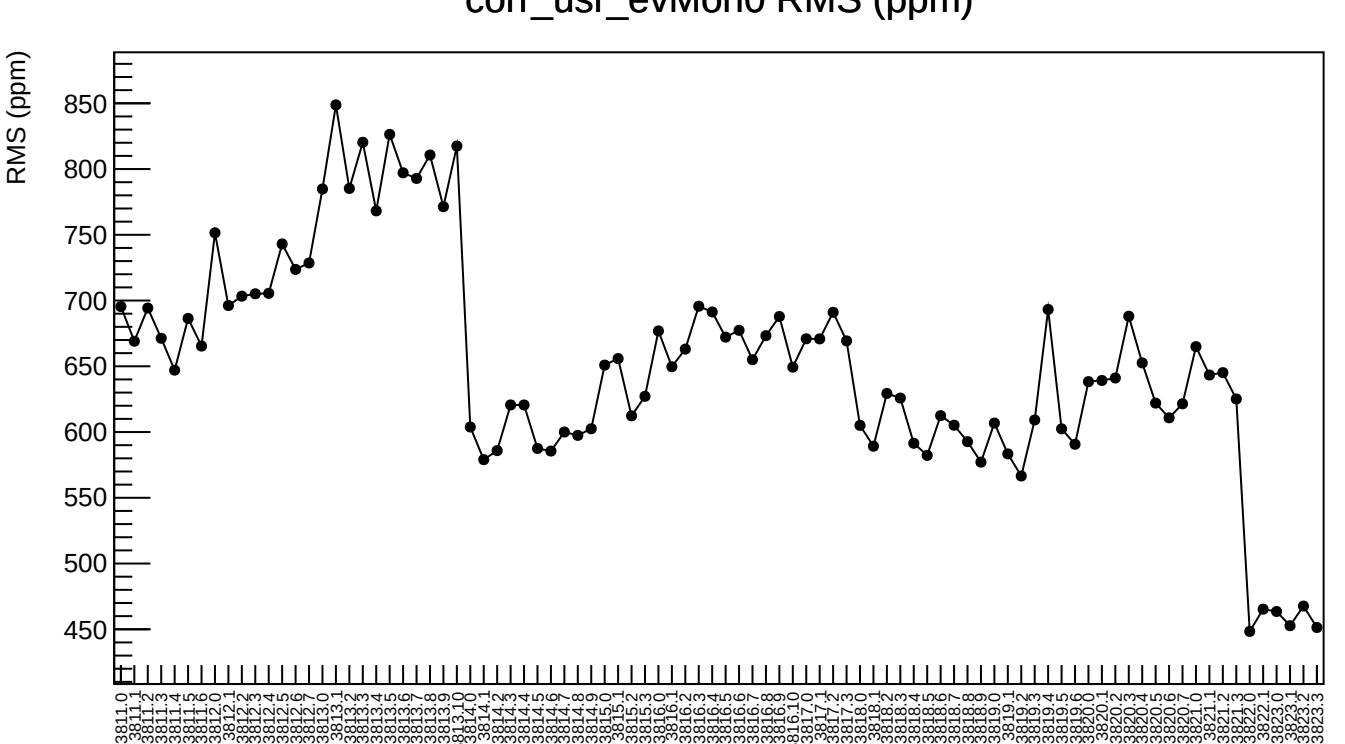

corr_usl_evMon11 (ppb)
χ² / ndf 53.22 / 89
p0 1.508 ± 10.57

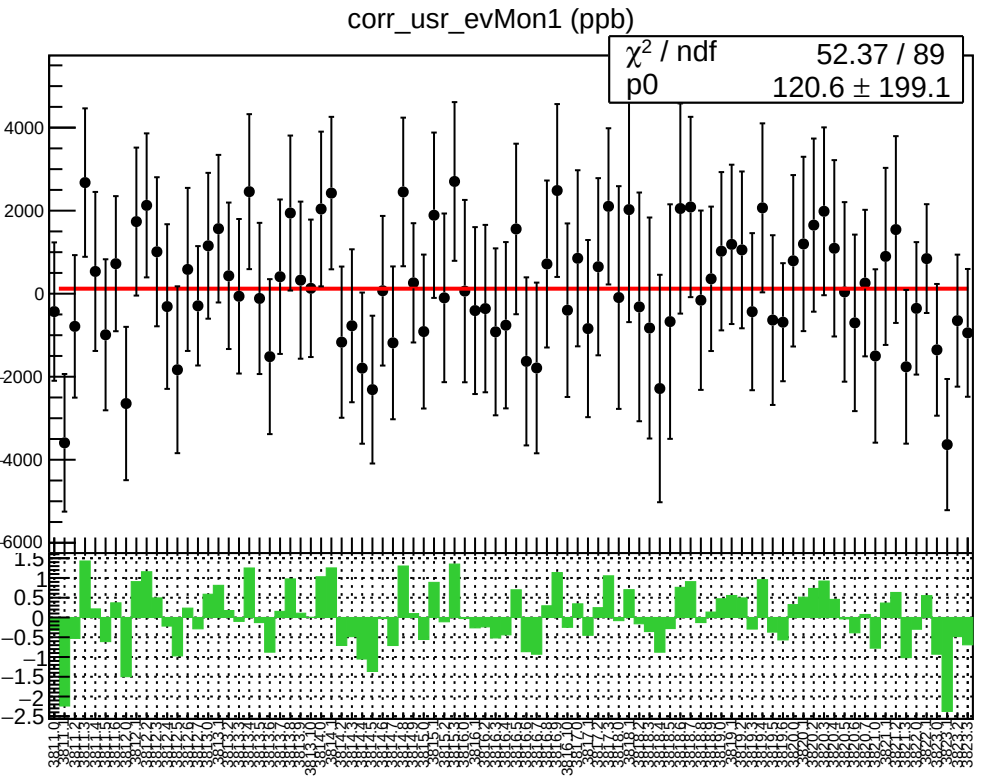

1D pull distribution
Mean −0.01036 ± 0.08105
Std Dev 0.7689 ± 0.05731
Underflow 0
Overflow 0
χ² / ndf 10.51 / 6
Constant 32.41 ± 5.93
Mean −1.398e−14 ± 1.405e−04
Sigma 0.5222 ± 0.0761

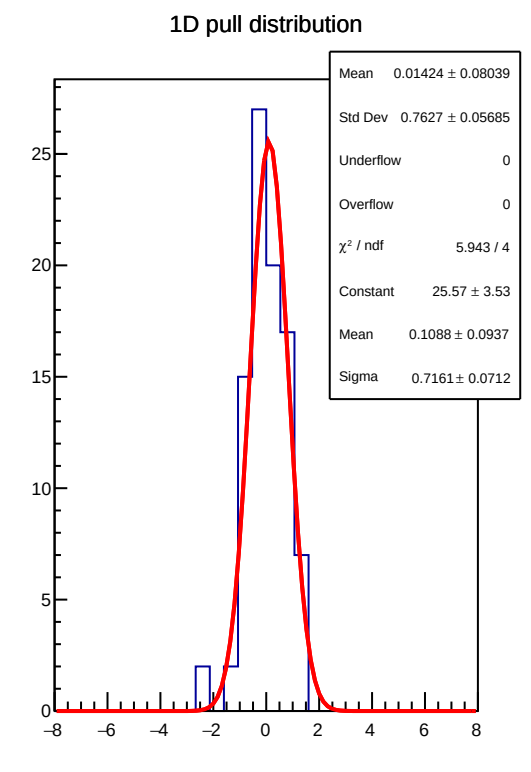

corr_usl_evMon11 RMS (ppm)
RMS (ppm)
30
25
20
15
10
5
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.1
3823.0
3823.1
3823.2
3823.3

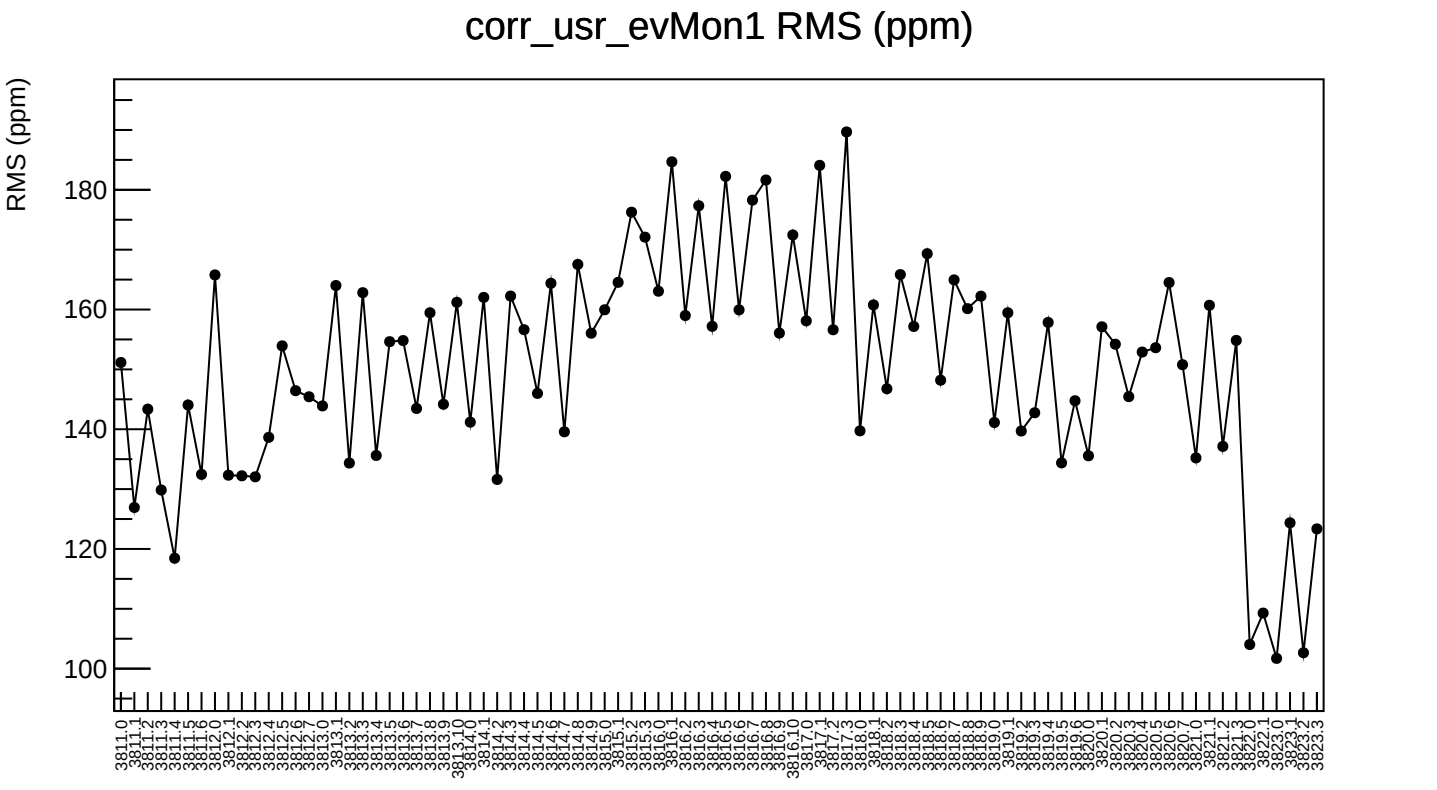

corr_usr_evMon0 (ppb)
χ² / ndf 97.96 / 89
p0 149.3 ± 560.5

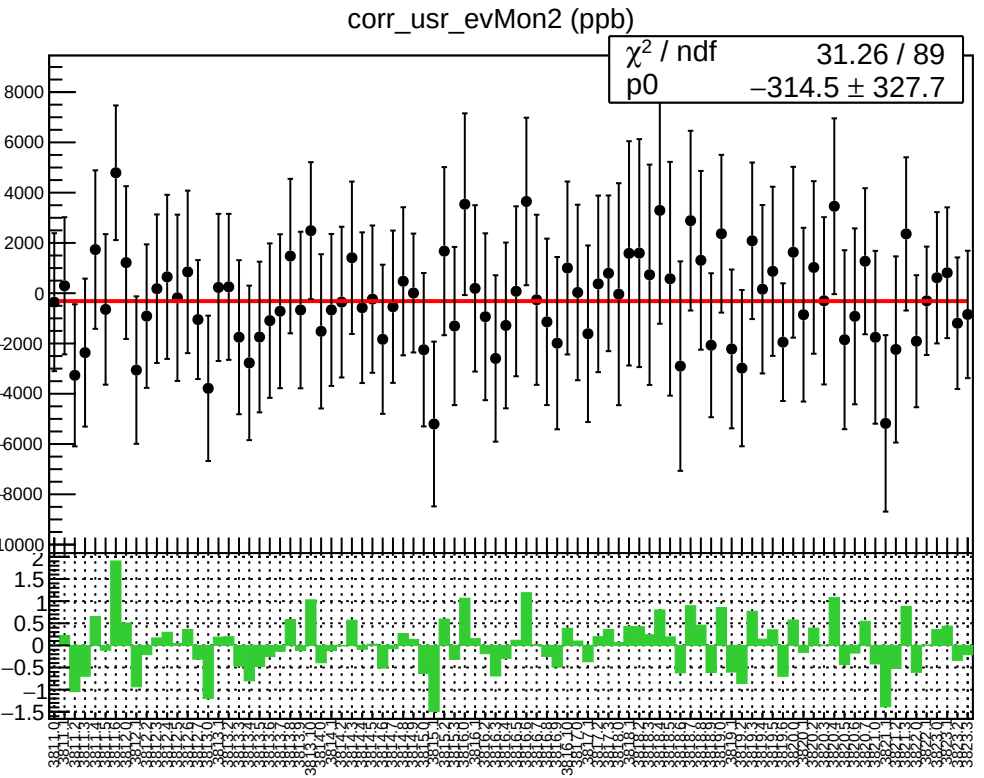

1D pull distribution
Mean −0.0001274 ± 0.11
Std Dev 1.043 ± 0.07776
Underflow 0
Overflow 0
χ² / ndf 4.642 / 6
Constant 16.02 ± 2.16
Mean −0.1214 ± 0.1571
Sigma 1.2 ± 0.1

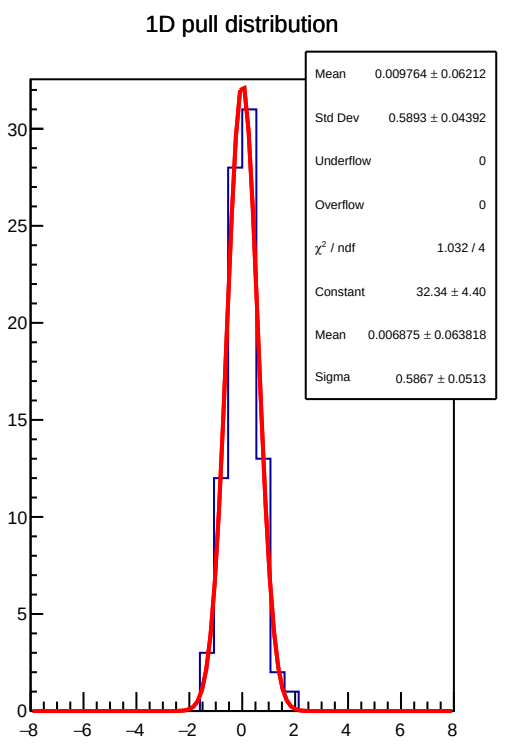

corr_usr_evMon0 RMS (ppm)
RMS (ppm)
850
800
750
700
650
600
550
500
450
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.0
3823.1
3823.2
3823.3

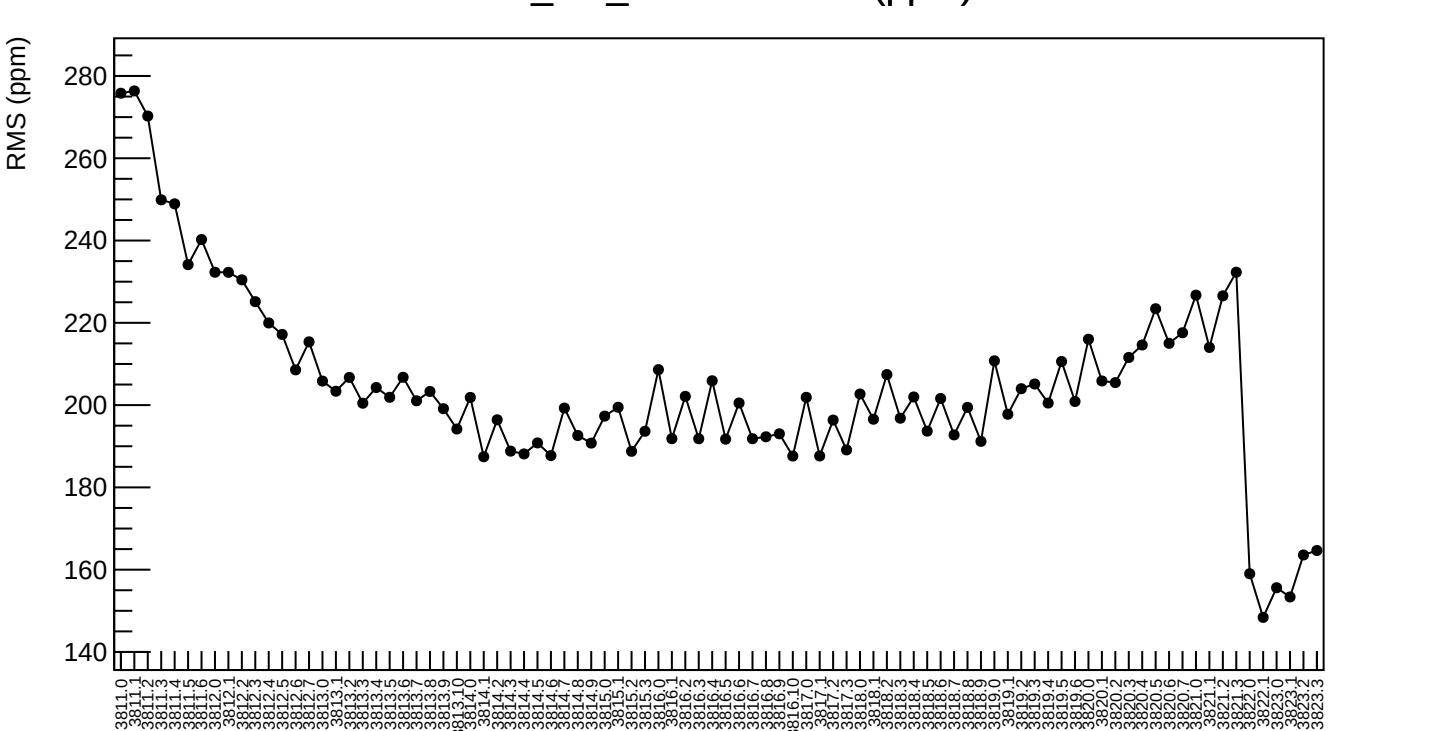

corr_usr_evMon1 (ppb)
χ² / ndf 52.37 / 89
p0 120.6 ± 199.1

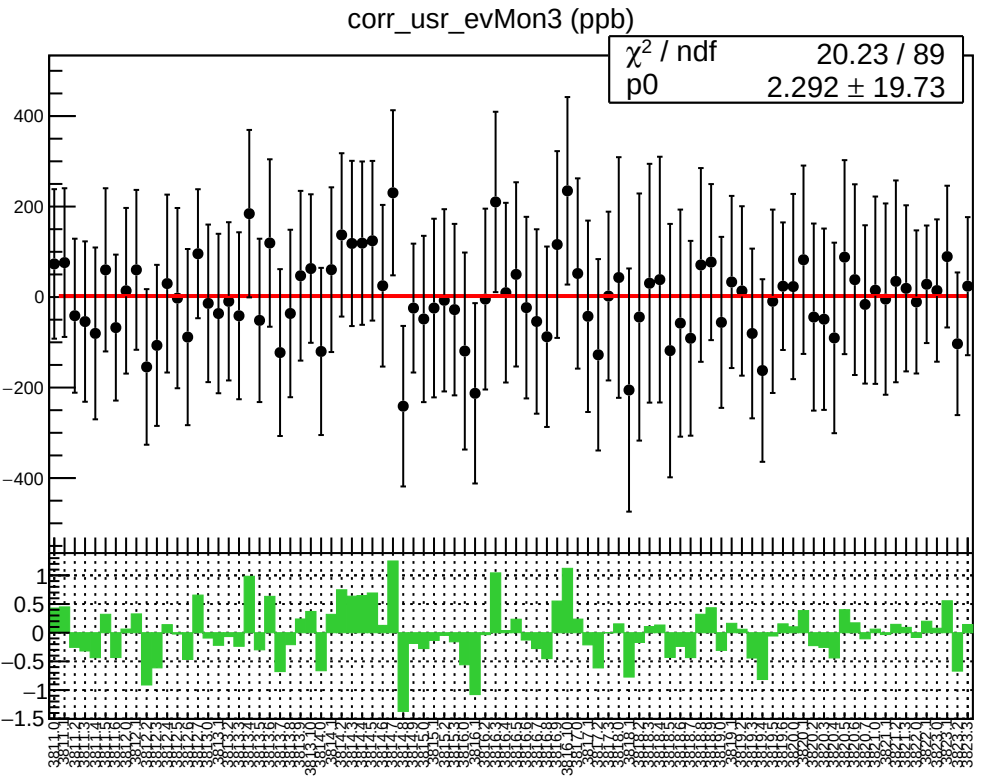

1D pull distribution
Mean 0.01424 ± 0.08039
Std Dev 0.7627 ± 0.05685
Underflow 0
Overflow 0
χ² / ndf 5.943 / 4
Constant 25.57 ± 3.53
Mean 0.1088 ± 0.0937
Sigma 0.7161 ± 0.0712

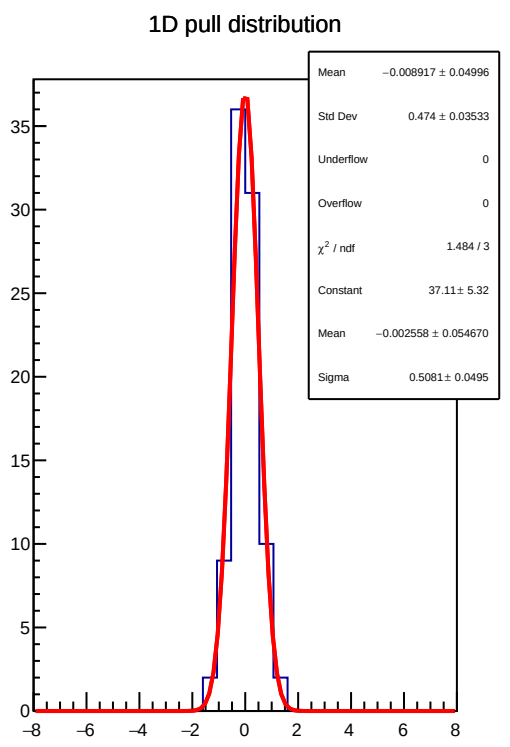

corr_usr_evMon1 RMS (ppm)
RMS (ppm)
180
160
140
120
100
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

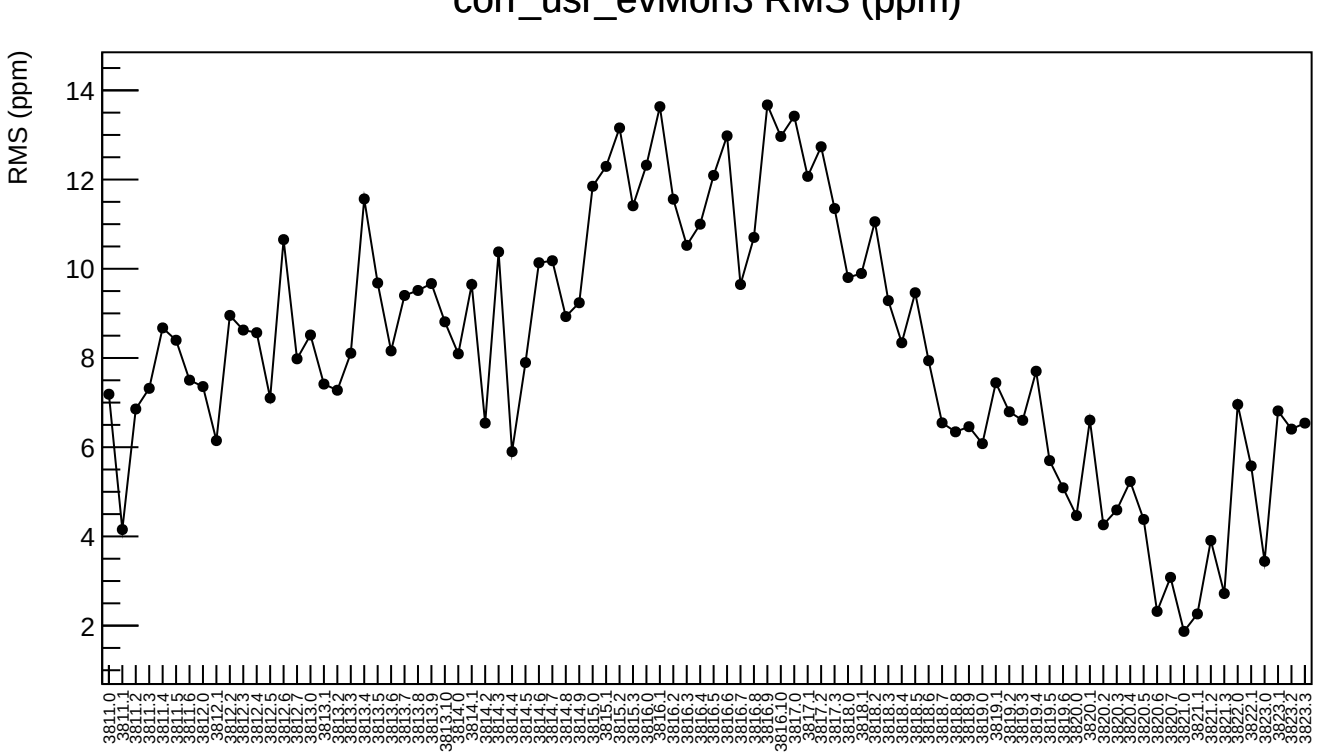

corr_usr_evMon2 (ppb)
χ² / ndf 31.26 / 89
p0 −314.5 ± 327.7

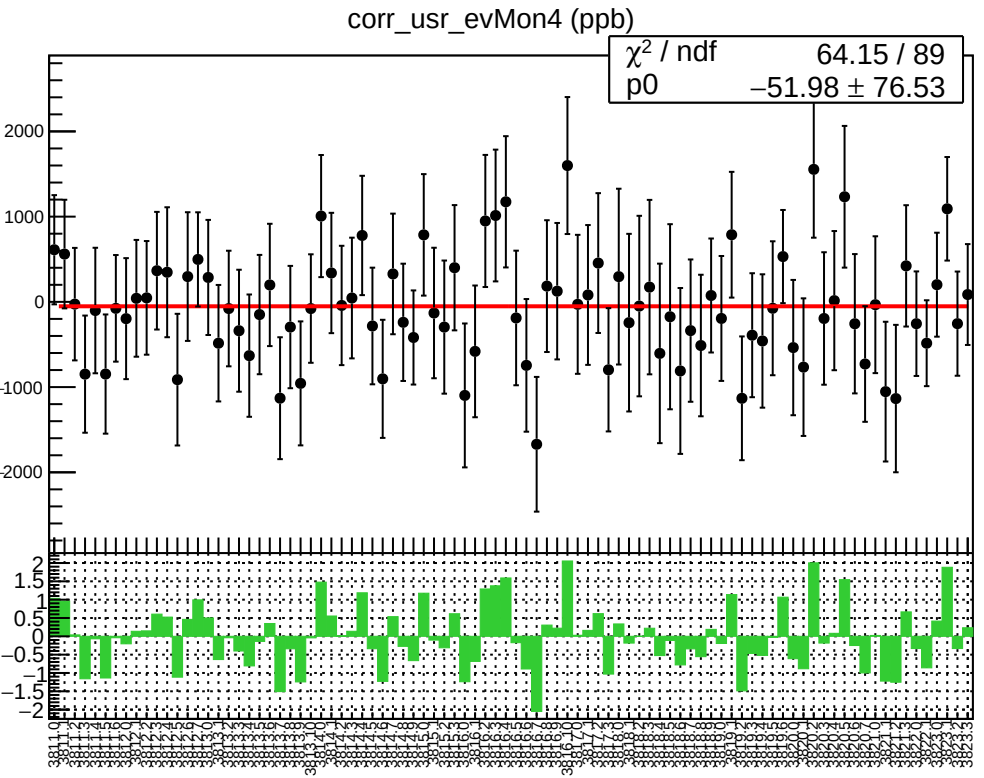

1D pull distribution
Mean 0.009764 ± 0.06212
Std Dev 0.5893 ± 0.04392
Underflow 0
Overflow 0
χ² / ndf 1.032 / 4
Constant 32.34 ± 4.40
Mean 0.006875 ± 0.063818
Sigma 0.5867 ± 0.0513

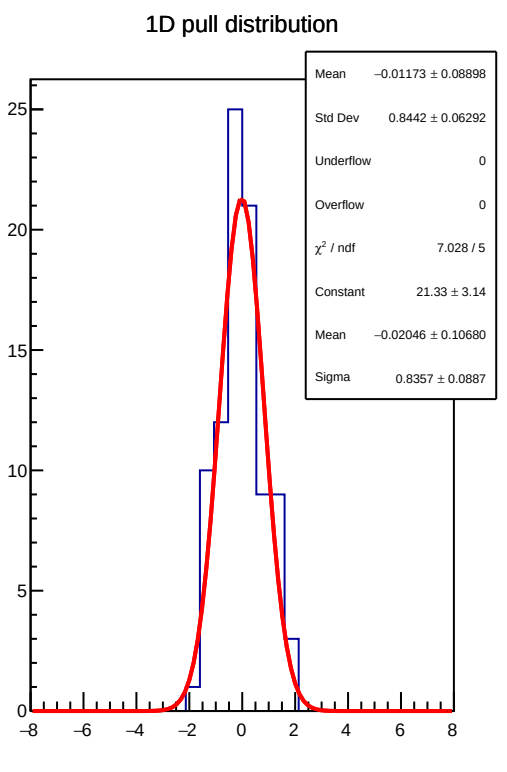

corr_usr_evMon2 RMS (ppm)
RMS (ppm)
280
260
240
220
200
180
160
140
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.0
3823.1
3823.2
3823.3

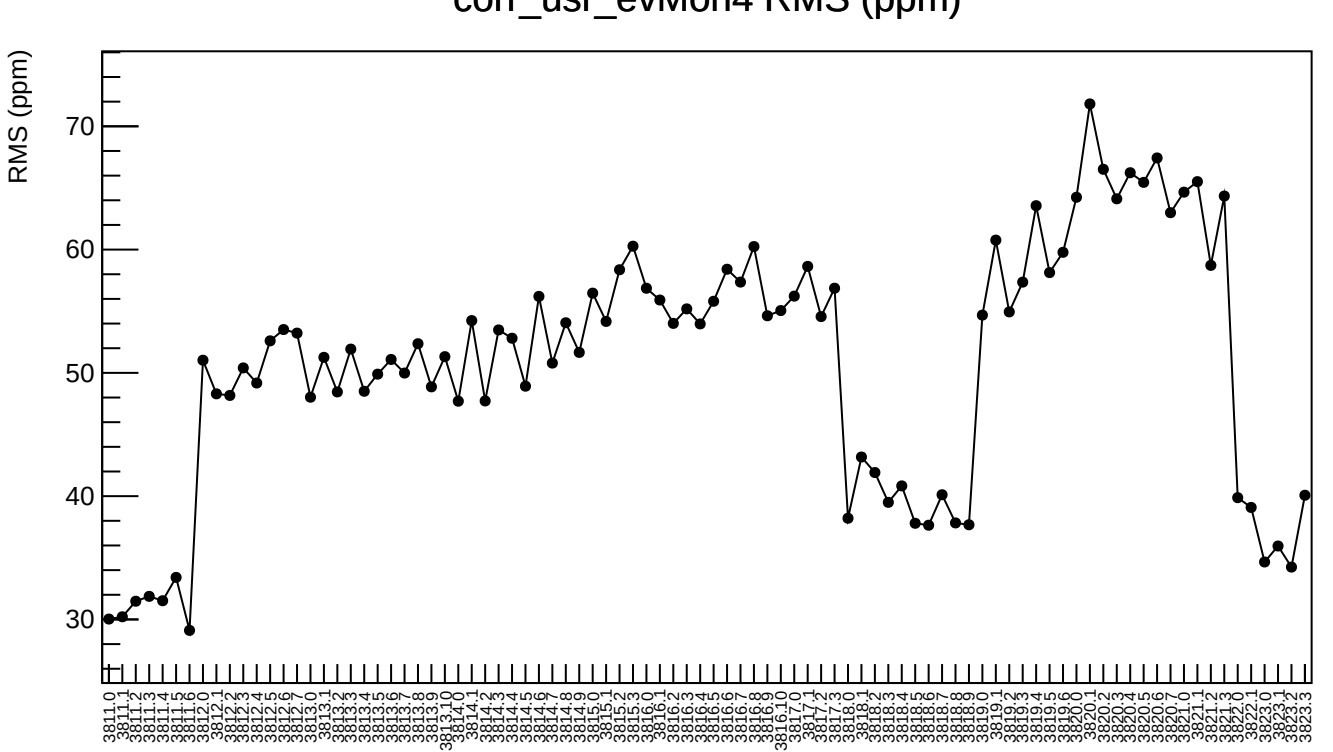

corr_usr_evMon3 (ppb)
χ² / ndf 20.23 / 89
p0 2.292 ± 19.73

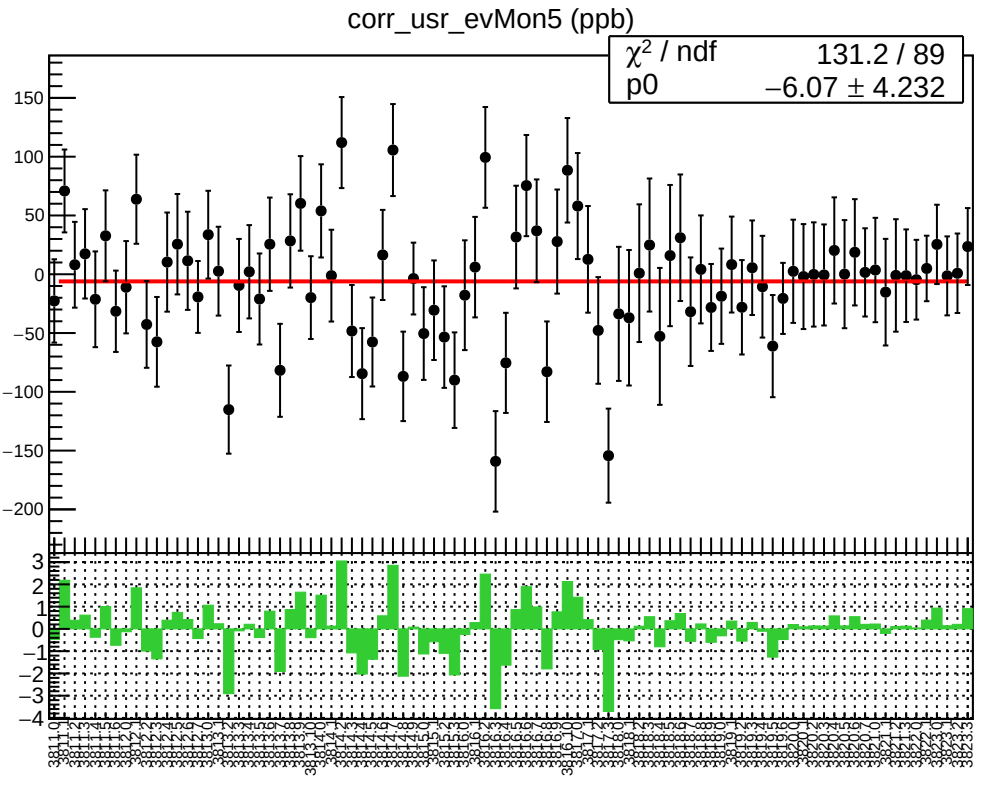

1D pull distribution
Mean −0.008917 ± 0.04996
Std Dev 0.474 ± 0.03533
Underflow 0
Overflow 0
χ² / ndf 1.484 / 3
Constant 37.11 ± 5.32
Mean −0.002558 ± 0.054670
Sigma 0.5081 ± 0.0495

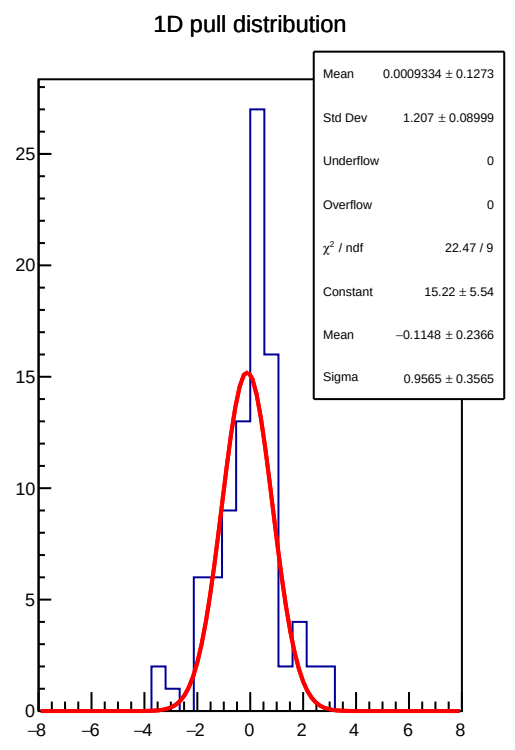

corr_usr_evMon3 RMS (ppm)
RMS (ppm)
14
12
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.1
3823.0
3823.1
3823.2
3823.3

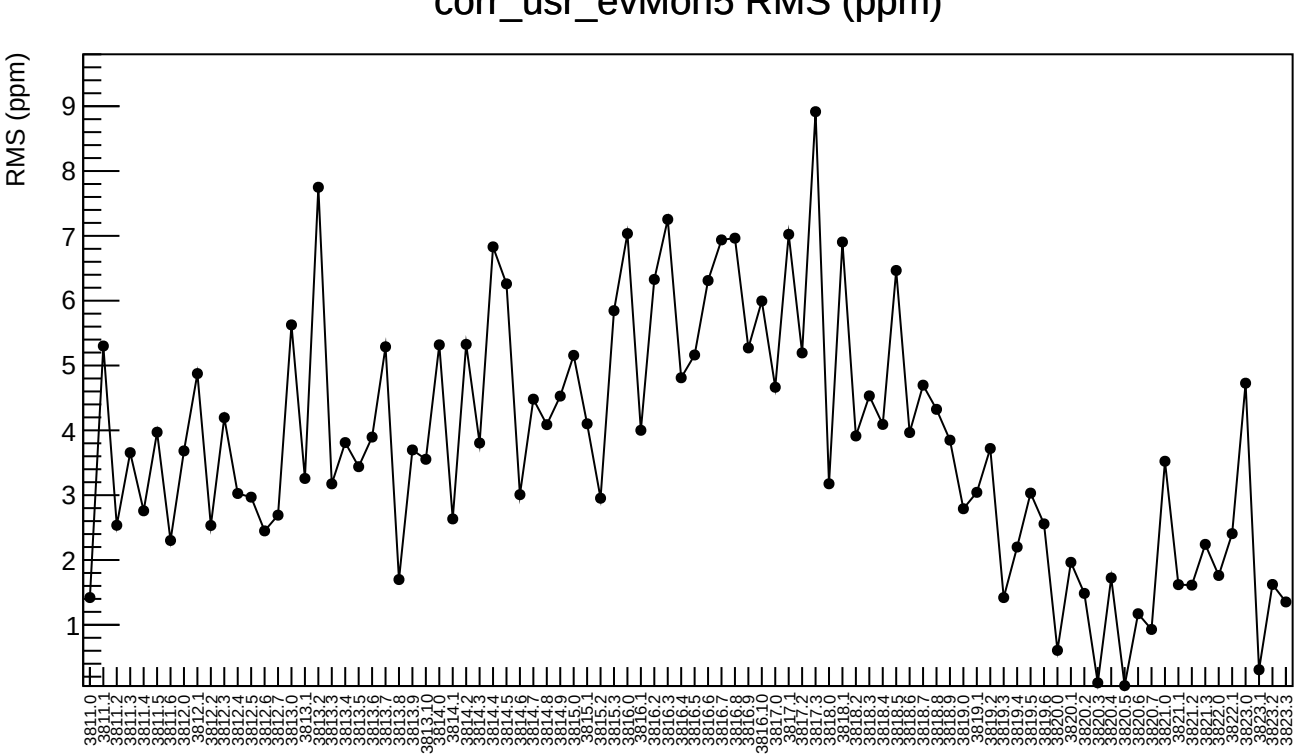

corr_usr_evMon4 (ppb)
χ² / ndf 64.15 / 89
p0 −51.98 ± 76.53
2000
1000
0
-1000
-2000
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2

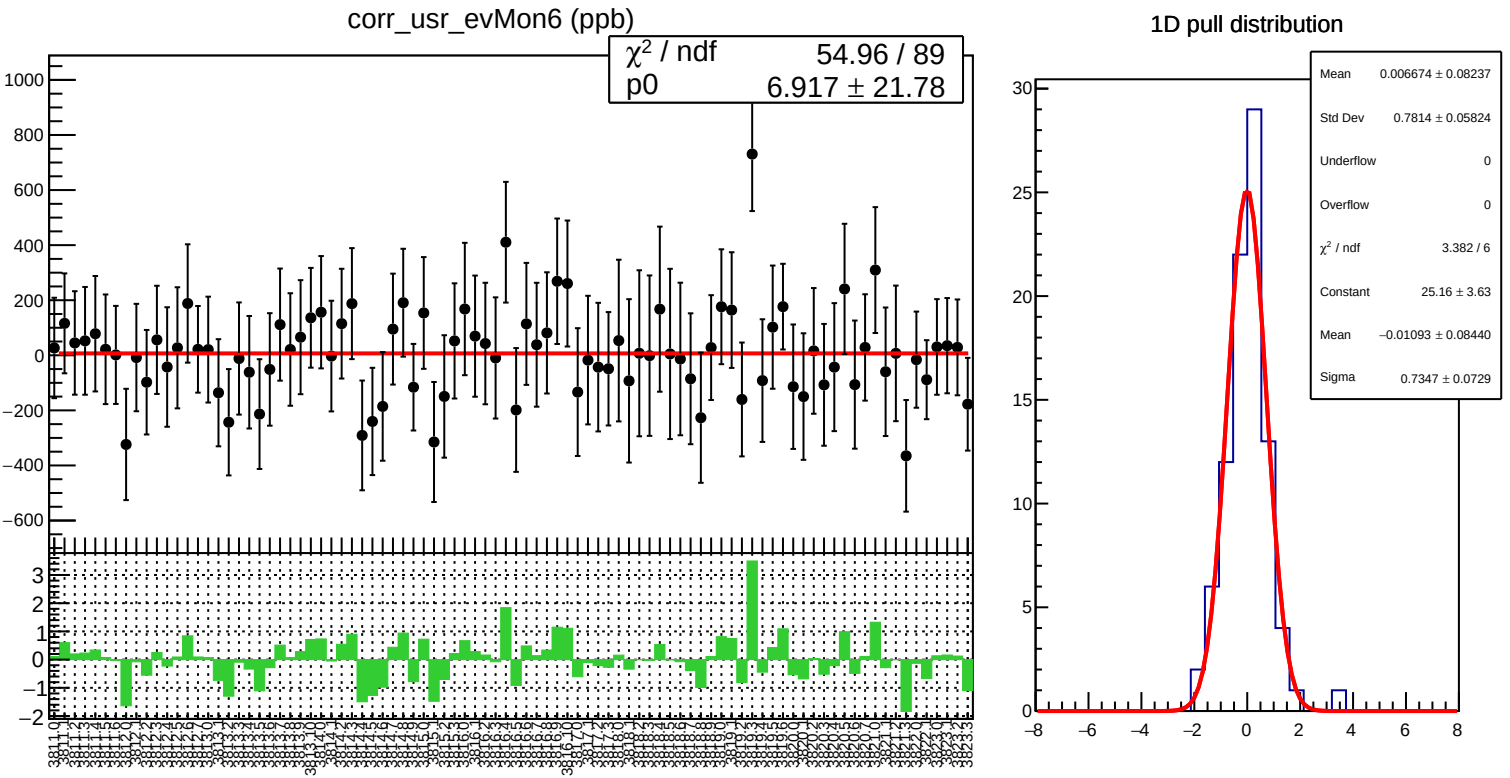

1D pull distribution
Mean −0.01173 ± 0.08898
Std Dev 0.8442 ± 0.06292
Underflow 0
Overflow 0
χ² / ndf 7.028 / 5
Constant 21.33 ± 3.14
Mean −0.02046 ± 0.10680
Sigma 0.8357 ± 0.0887
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

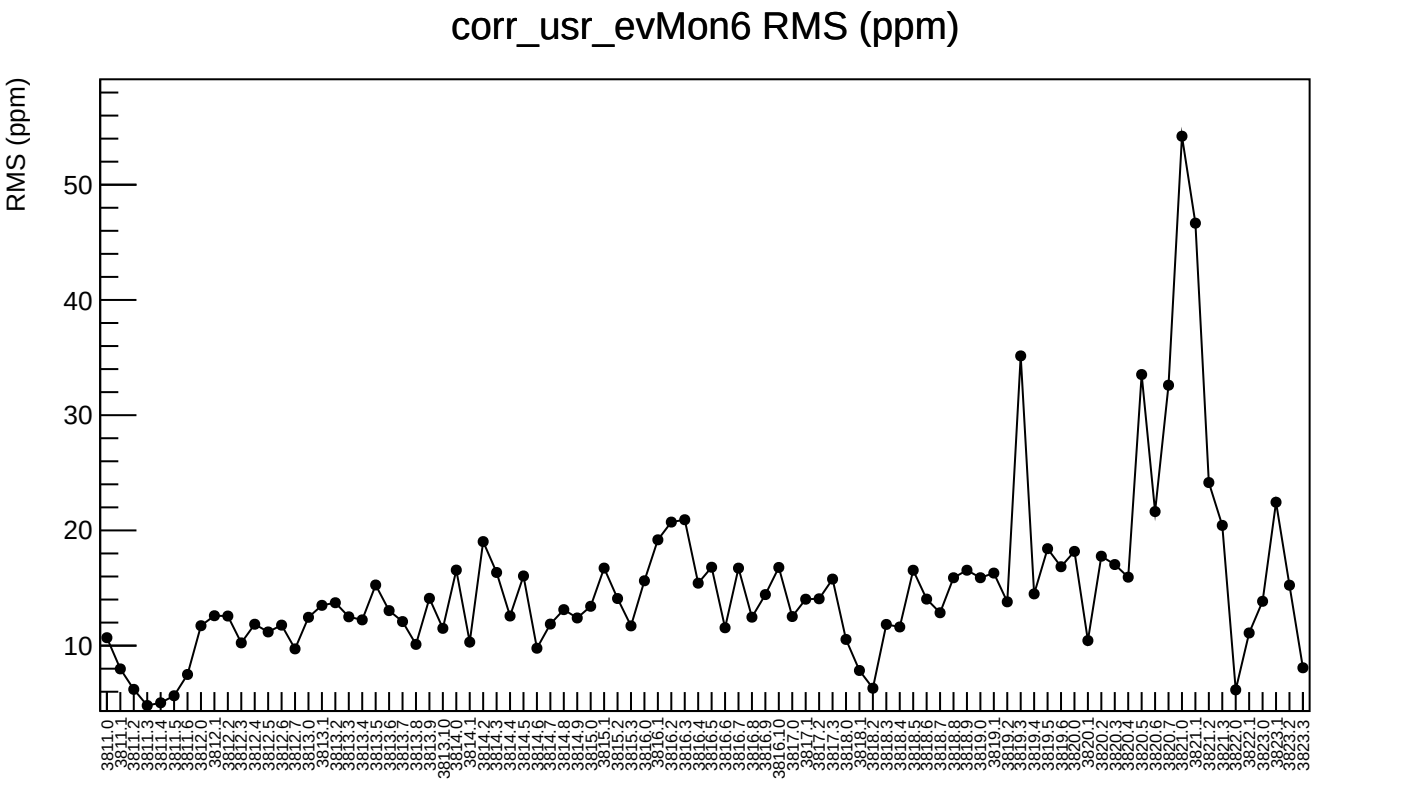

corr_usr_evMon4 RMS (ppm)
RMS (ppm)
70
60
50
40
30
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.1
3823.1
3823.2
3823.3

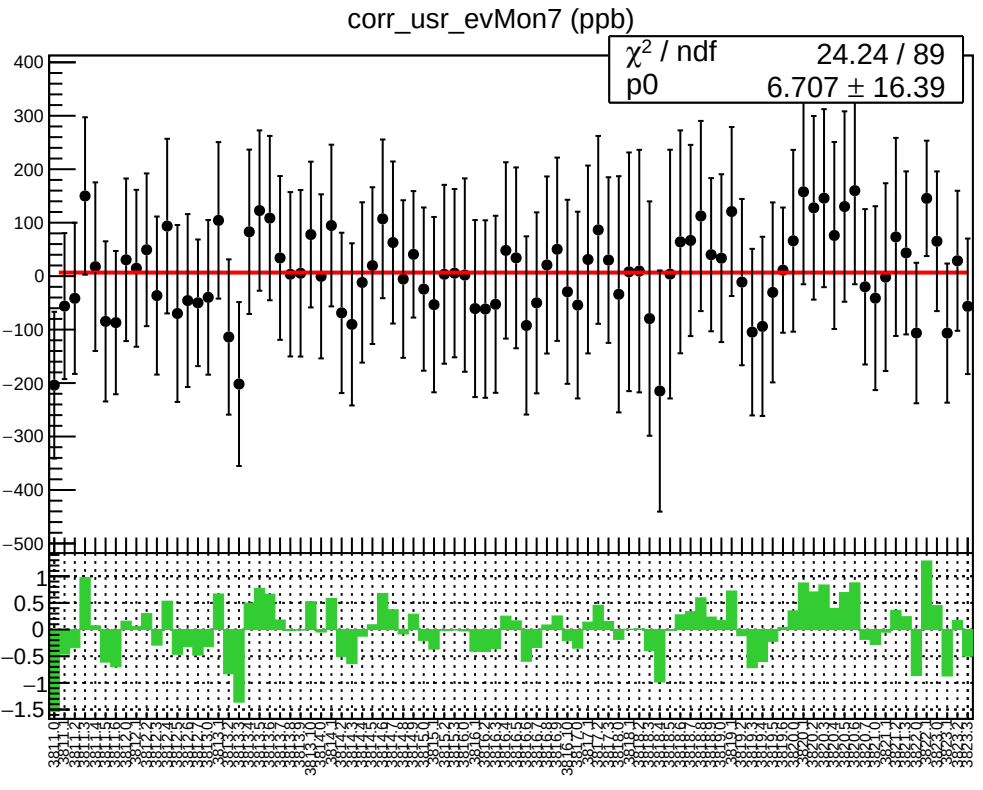

corr_usr_evMon5 (ppb)
χ² / ndf 131.2 / 89
p0 −6.07 ± 4.232

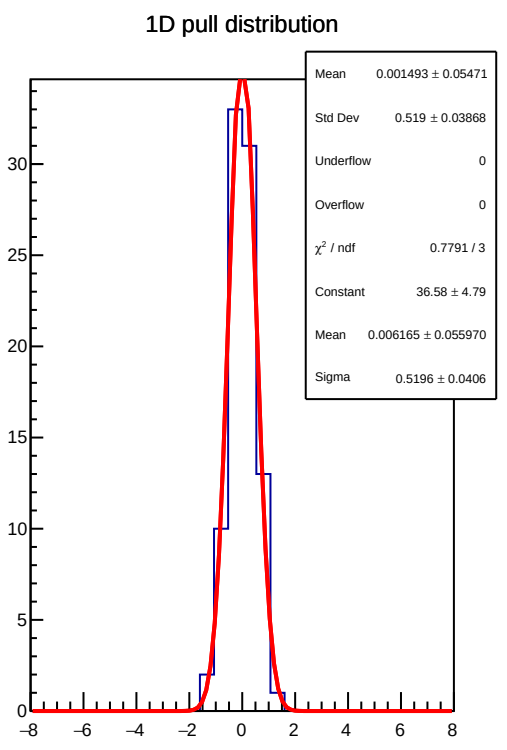

1D pull distribution
Mean 0.0009334 ± 0.1273
Std Dev 1.207 ± 0.08999
Underflow 0
Overflow 0
χ² / ndf 22.47 / 9
Constant 15.22 ± 5.54
Mean −0.1148 ± 0.2366
Sigma 0.9565 ± 0.3565

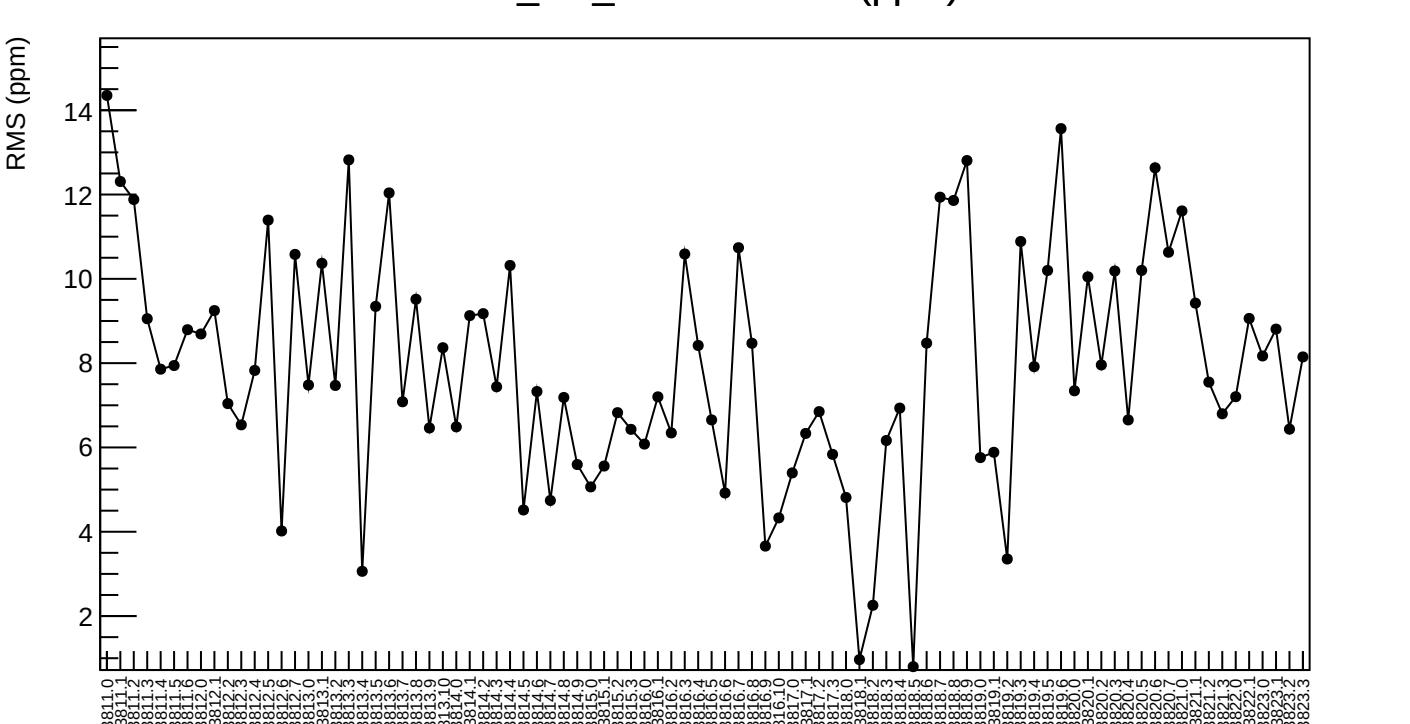

corr_usr_evMon5 RMS (ppm)
RMS (ppm)
1
2
3
4
5
6
7
8
9
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.1
3823.1
3823.2
3823.3

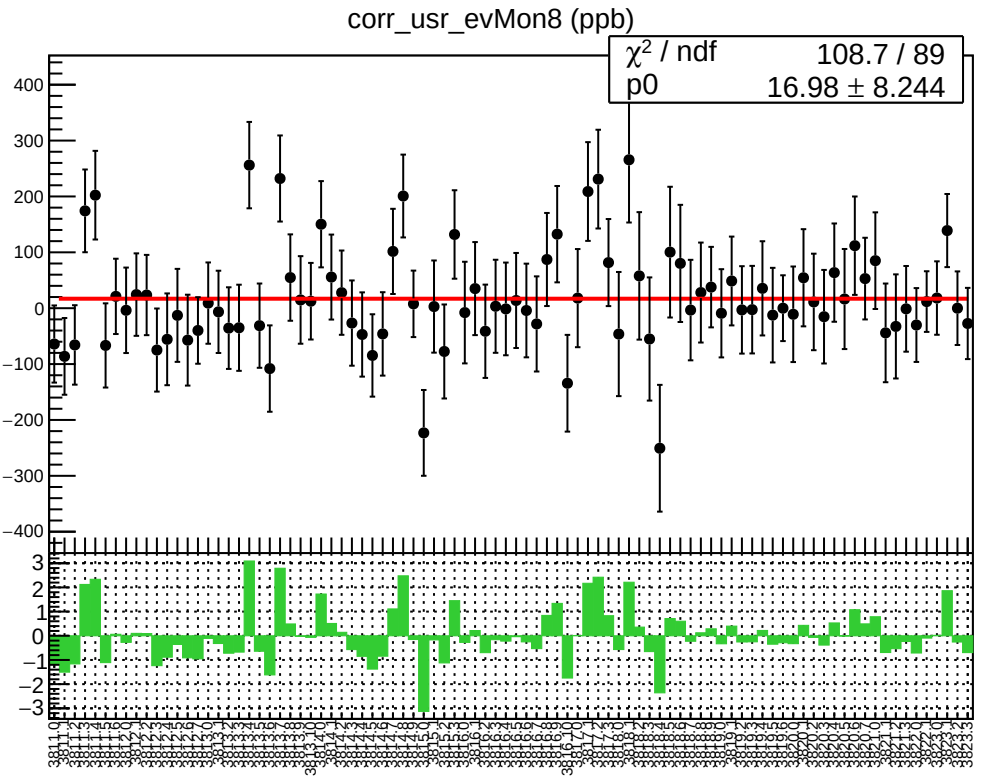

corr_usr_evMon6 (ppb)
χ² / ndf 54.96 / 89
p0 6.917 ± 21.78
1D pull distribution
Mean 0.006674 ± 0.08237
Std Dev 0.7814 ± 0.05824
Underflow 0
Overflow 0
χ² / ndf 3.382 / 6
Constant 25.16 ± 3.63
Mean −0.01093 ± 0.08440
Sigma 0.7347 ± 0.0729

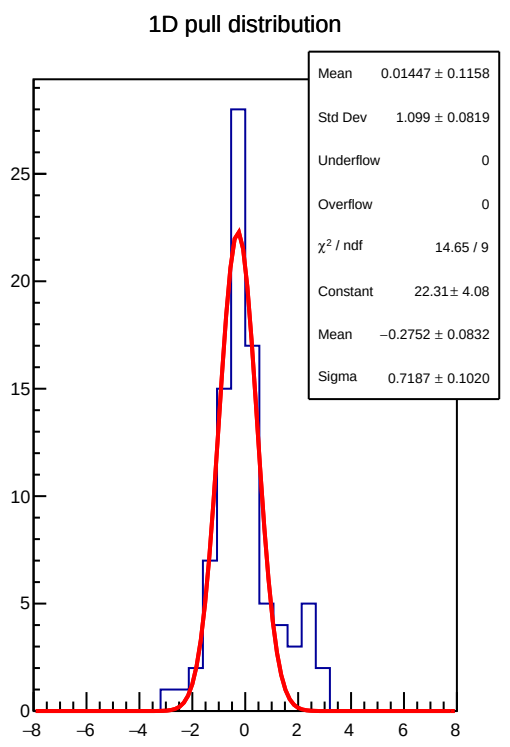

corr_usr_evMon6 RMS (ppm)
RMS (ppm)
10
20
30
40
50
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

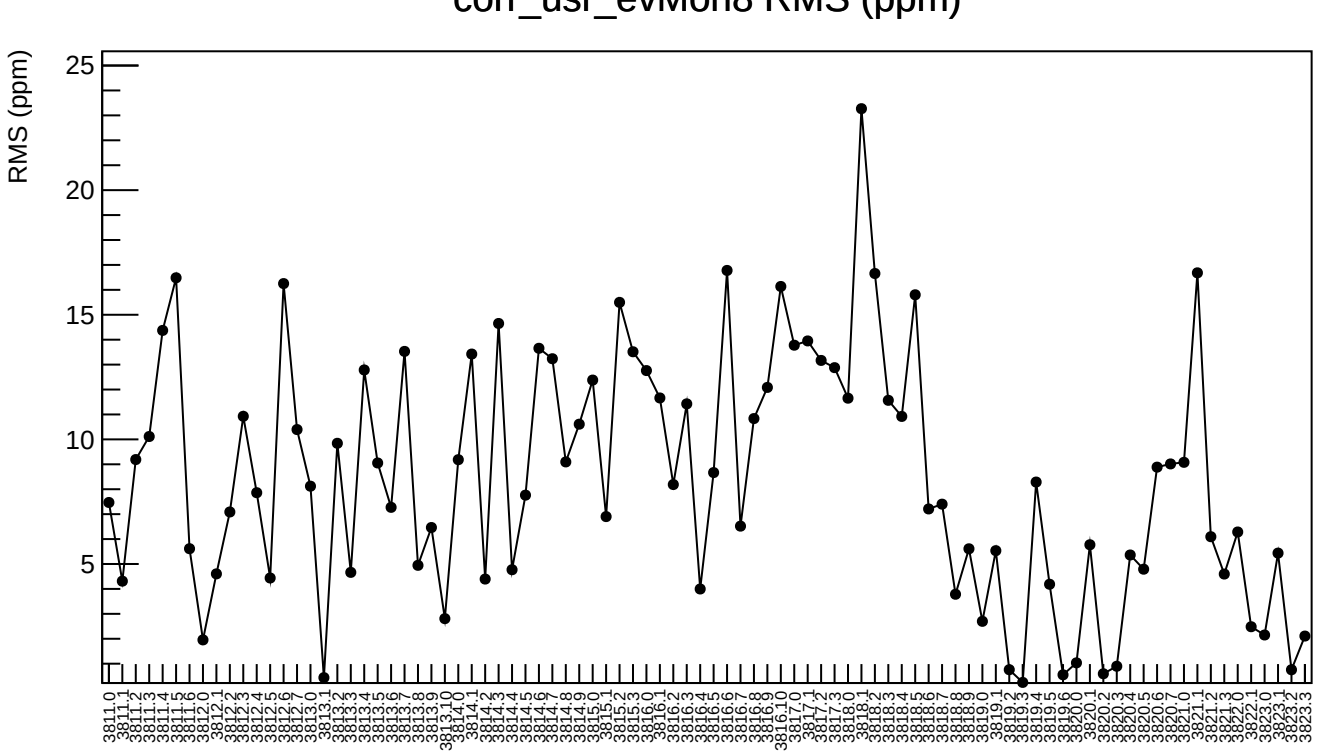

corr_usr_evMon7 (ppb)
χ² / ndf 24.24 / 89
p0 6.707 ± 16.39

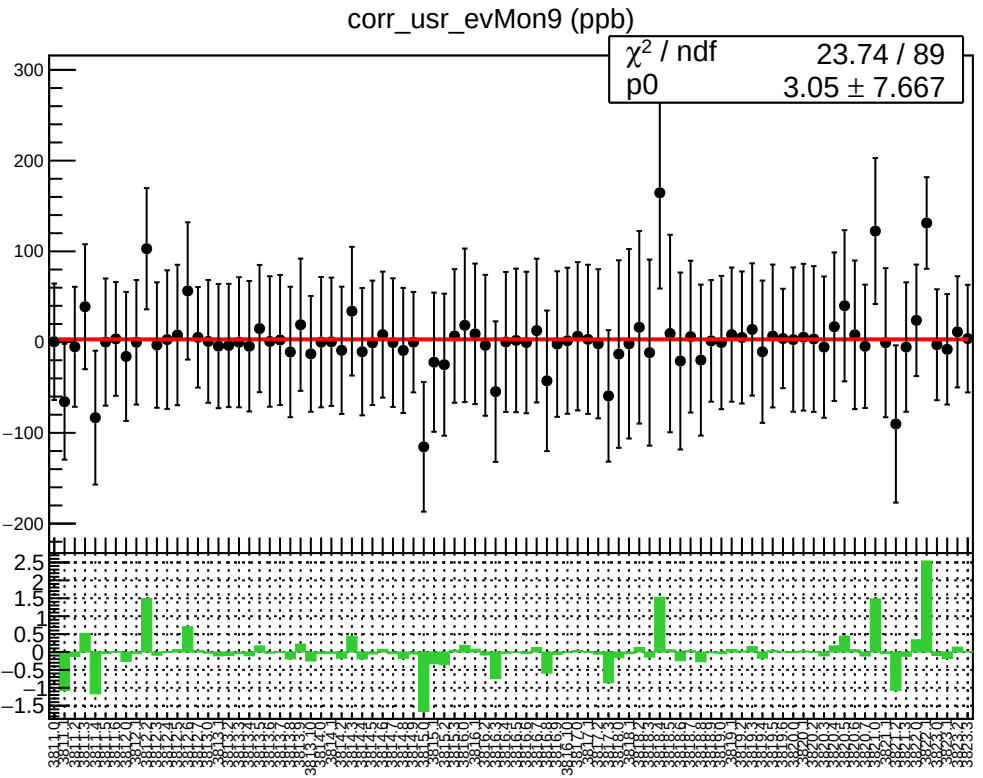

1D pull distribution
Mean 0.001493 ± 0.05471
Std Dev 0.519 ± 0.03868
Underflow 0
Overflow 0
χ² / ndf 0.7791 / 3
Constant 36.58 ± 4.79
Mean 0.006165 ± 0.055970
Sigma 0.5196 ± 0.0406

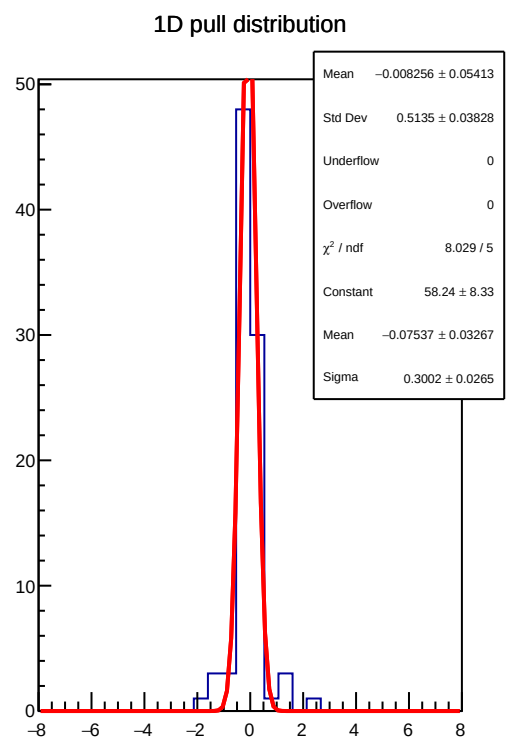

corr_usr_evMon7 RMS (ppm)
RMS (ppm)
14
12
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3823.1
3823.2
3823.3

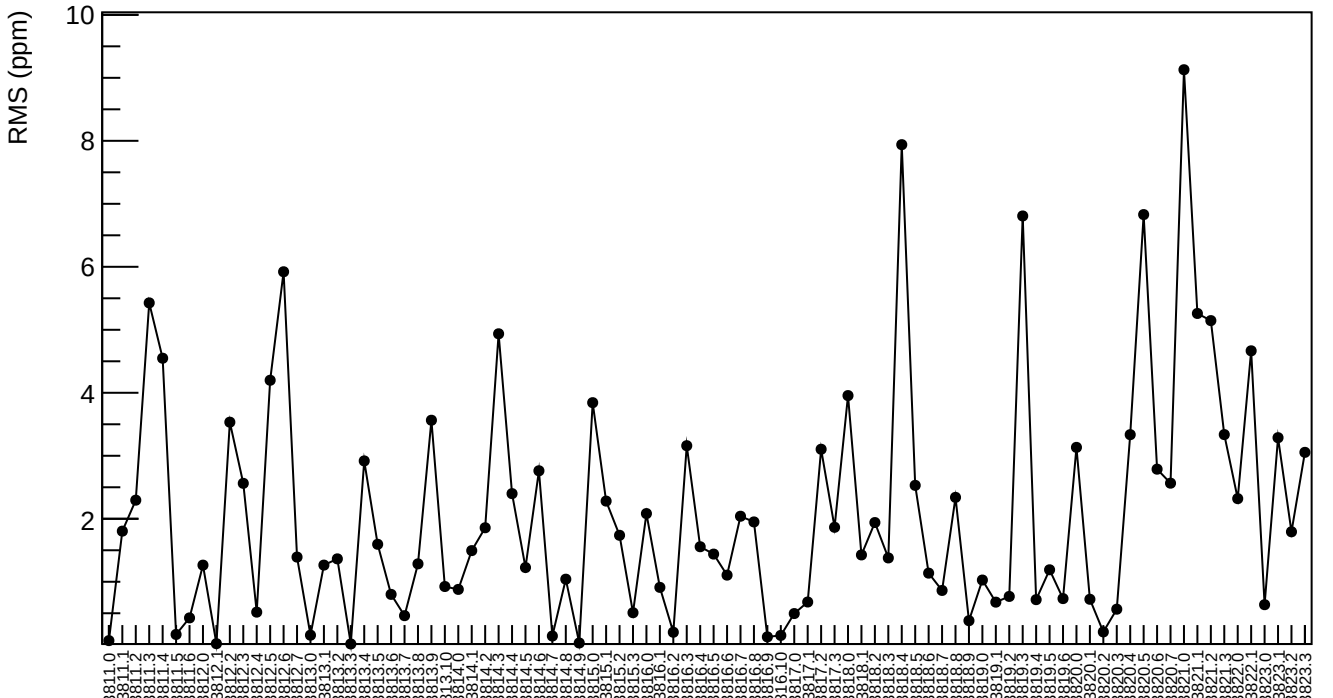

corr_usr_evMon8 (ppb)
χ² / ndf 108.7 / 89
p0 16.98 ± 8.244

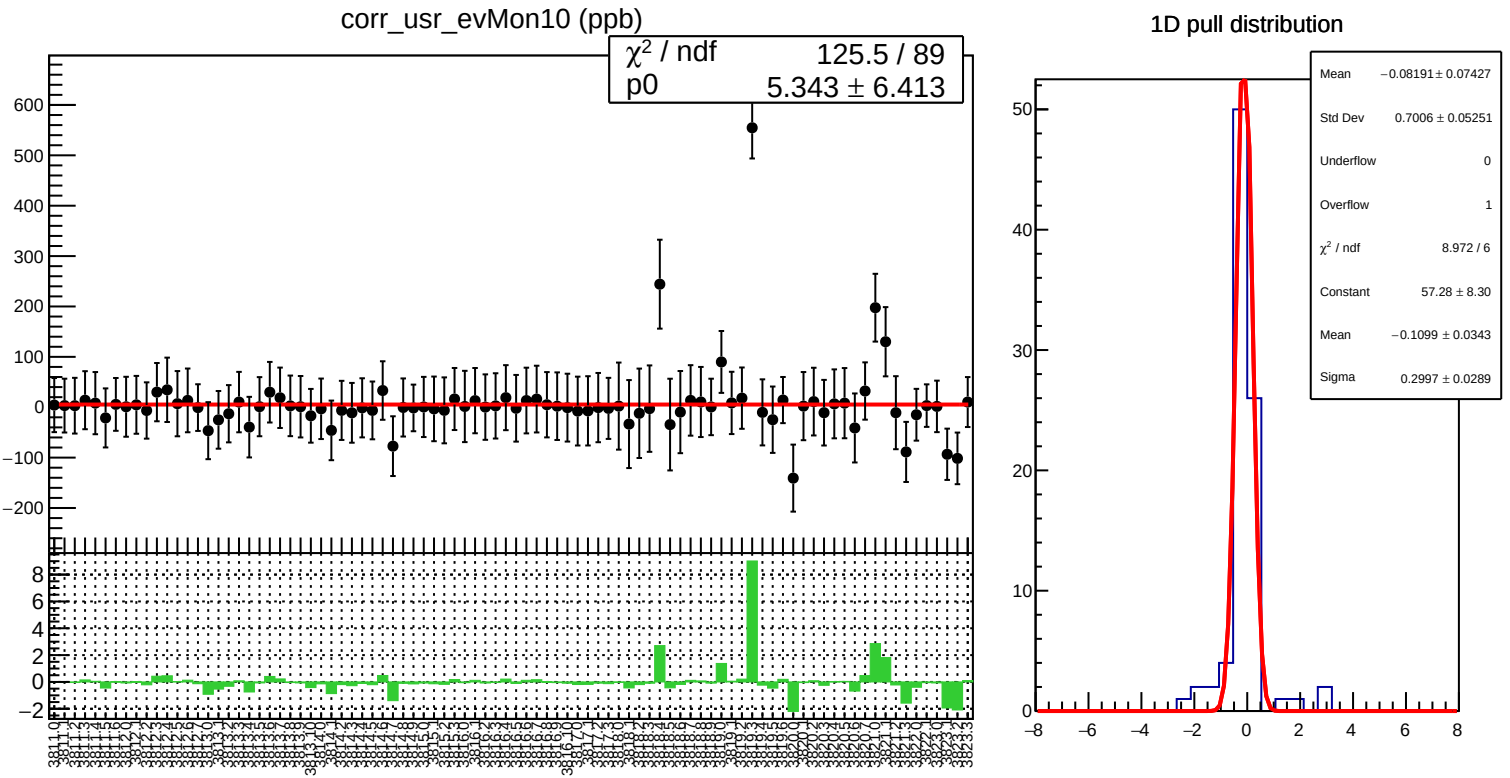

1D pull distribution
Mean 0.01447 ± 0.1158
Std Dev 1.099 ± 0.0819
Underflow 0
Overflow 0
χ² / ndf 14.65 / 9
Constant 22.31± 4.08
Mean −0.2752 ± 0.0832
Sigma 0.7187 ± 0.1020

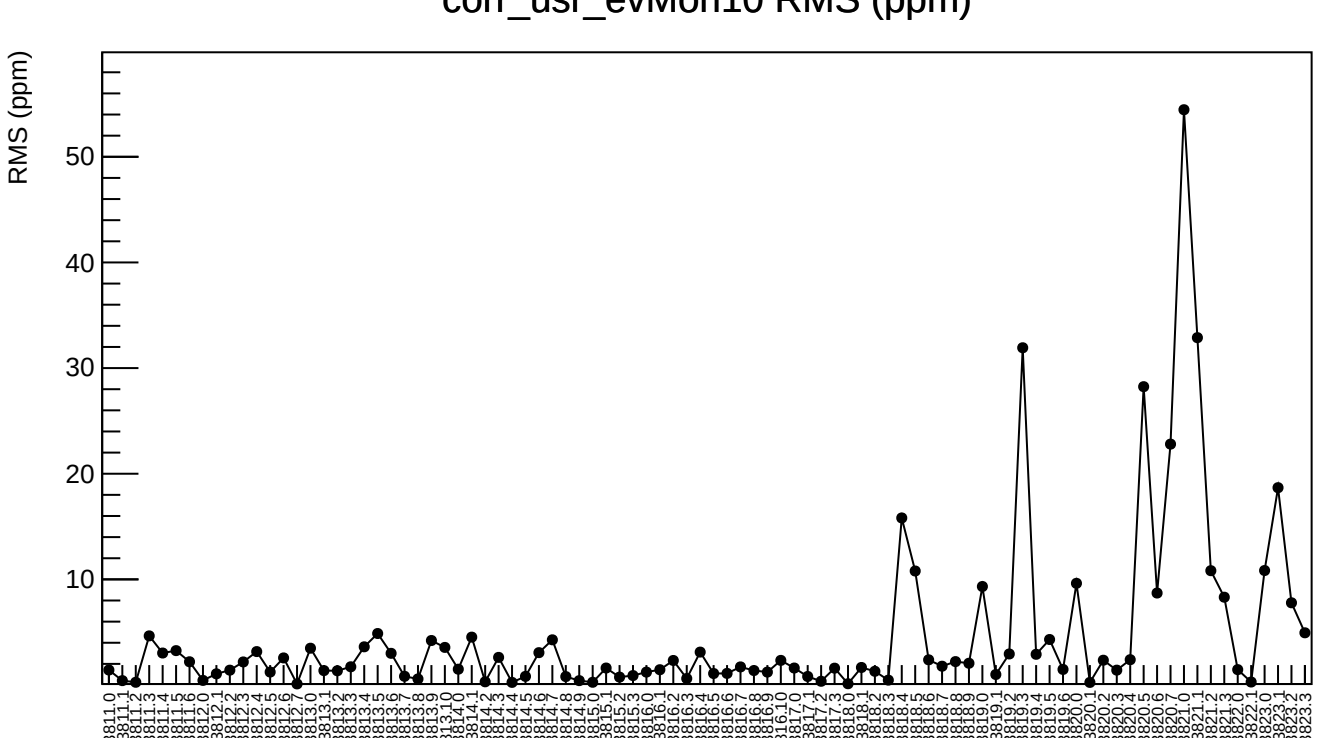

corr_usr_evMon8 RMS (ppm)
RMS (ppm)
25
20
15
10
5
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3

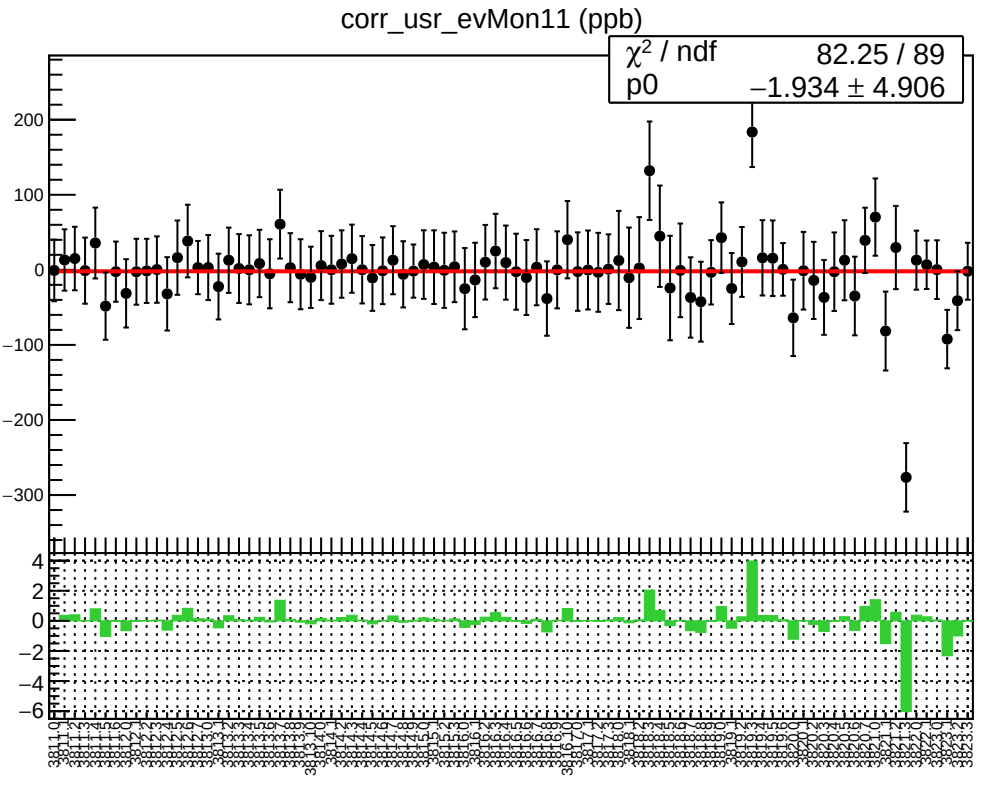

corr_usr_evMon9 (ppb)
χ² / ndf 23.74 / 89
p0 3.05 ± 7.667

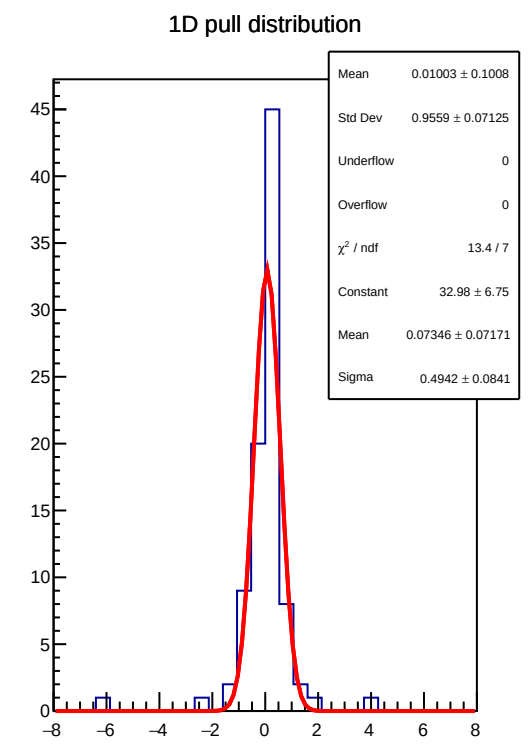

1D pull distribution
Mean −0.008256 ± 0.05413
Std Dev 0.5135 ± 0.03828
Underflow 0
Overflow 0
χ² / ndf 8.029 / 5
Constant 58.24 ± 8.33
Mean −0.07537 ± 0.03267
Sigma 0.3002 ± 0.0265

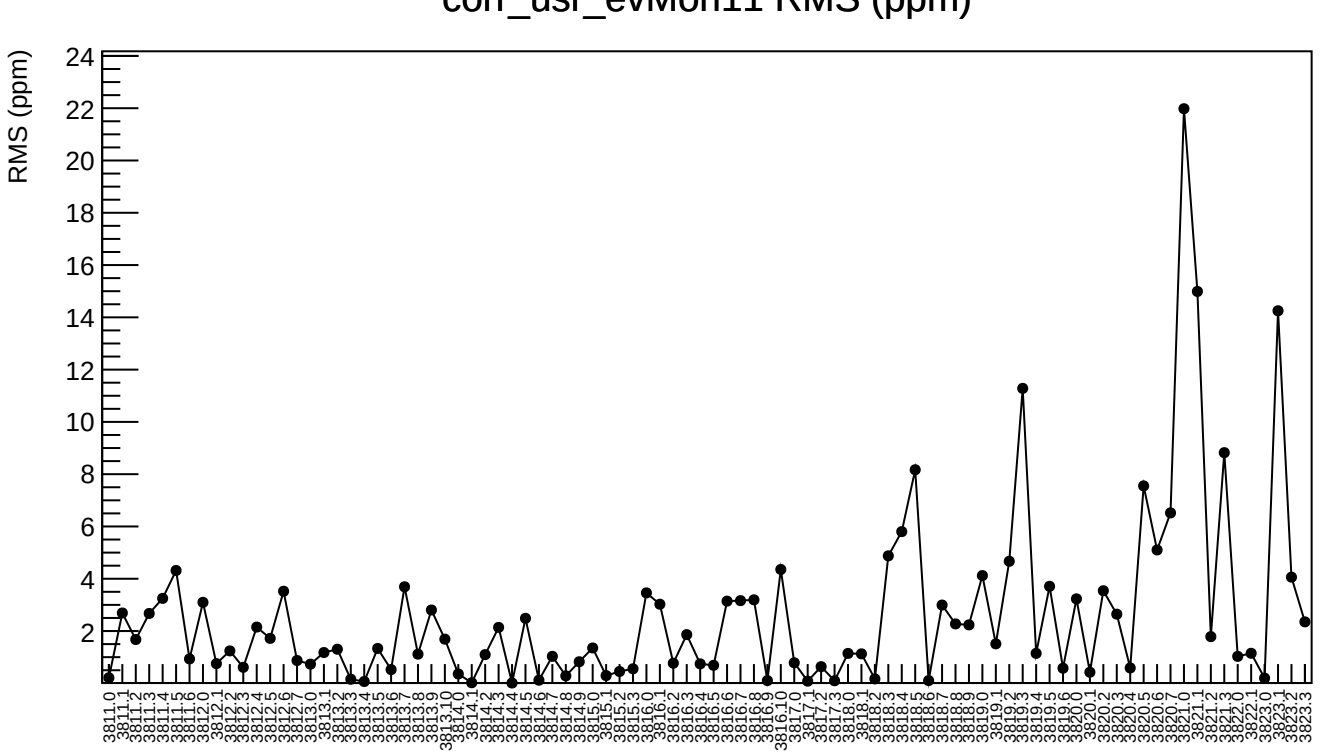

corr_usr_evMon9 RMS (ppm)
RMS (ppm)
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3


corr_usr_evMon10 (ppb)
χ² / ndf 125.5 / 89
p0 5.343 ± 6.413
1D pull distribution
Mean −0.08191 ± 0.07427
Std Dev 0.7006 ± 0.05251
Underflow 0
Overflow 1
χ² / ndf 8.972 / 6
Constant 57.28 ± 8.30
Mean −0.1099 ± 0.0343
Sigma 0.2997 ± 0.0289


corr_usr_evMon10 RMS (ppm)
RMS (ppm)
10
20
30
40
50
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3811.7
3812.0
3812.1
3812.2
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.6
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3823.1
3823.2
3823.3


corr_usr_evMon11 (ppb)
χ² / ndf 82.25 / 89
p0 −1.934 ± 4.906


1D pull distribution
Mean 0.01003 ± 0.1008
Std Dev 0.9559 ± 0.07125
Underflow 0
Overflow 0
χ² / ndf 13.4 / 7
Constant 32.98 ± 6.75
Mean 0.07346 ± 0.07171
Sigma 0.4942 ± 0.0841


corr_usr_evMon11 RMS (ppm)
RMS (ppm)
24
22
20
18
16
14
12
10
8
6
4
2
3811.0
3811.1
3811.2
3811.3
3811.4
3811.5
3811.6
3812.0
3812.1
3812.3
3812.4
3812.5
3812.6
3812.7
3813.0
3813.1
3813.2
3813.3
3813.4
3813.5
3813.6
3813.7
3813.8
3813.9
3813.10
3814.0
3814.1
3814.2
3814.3
3814.4
3814.5
3814.6
3814.7
3814.8
3814.9
3815.0
3815.1
3815.2
3815.3
3816.0
3816.1
3816.2
3816.3
3816.4
3816.5
3816.6
3816.7
3816.8
3816.9
3816.10
3817.0
3817.1
3817.2
3817.3
3818.0
3818.1
3818.2
3818.3
3818.4
3818.5
3818.7
3818.8
3818.9
3819.0
3819.1
3819.2
3819.3
3819.4
3819.5
3819.6
3820.0
3820.1
3820.2
3820.3
3820.4
3820.5
3820.6
3820.7
3821.0
3821.1
3821.2
3821.3
3822.0
3822.1
3823.1
3823.2
3823.3