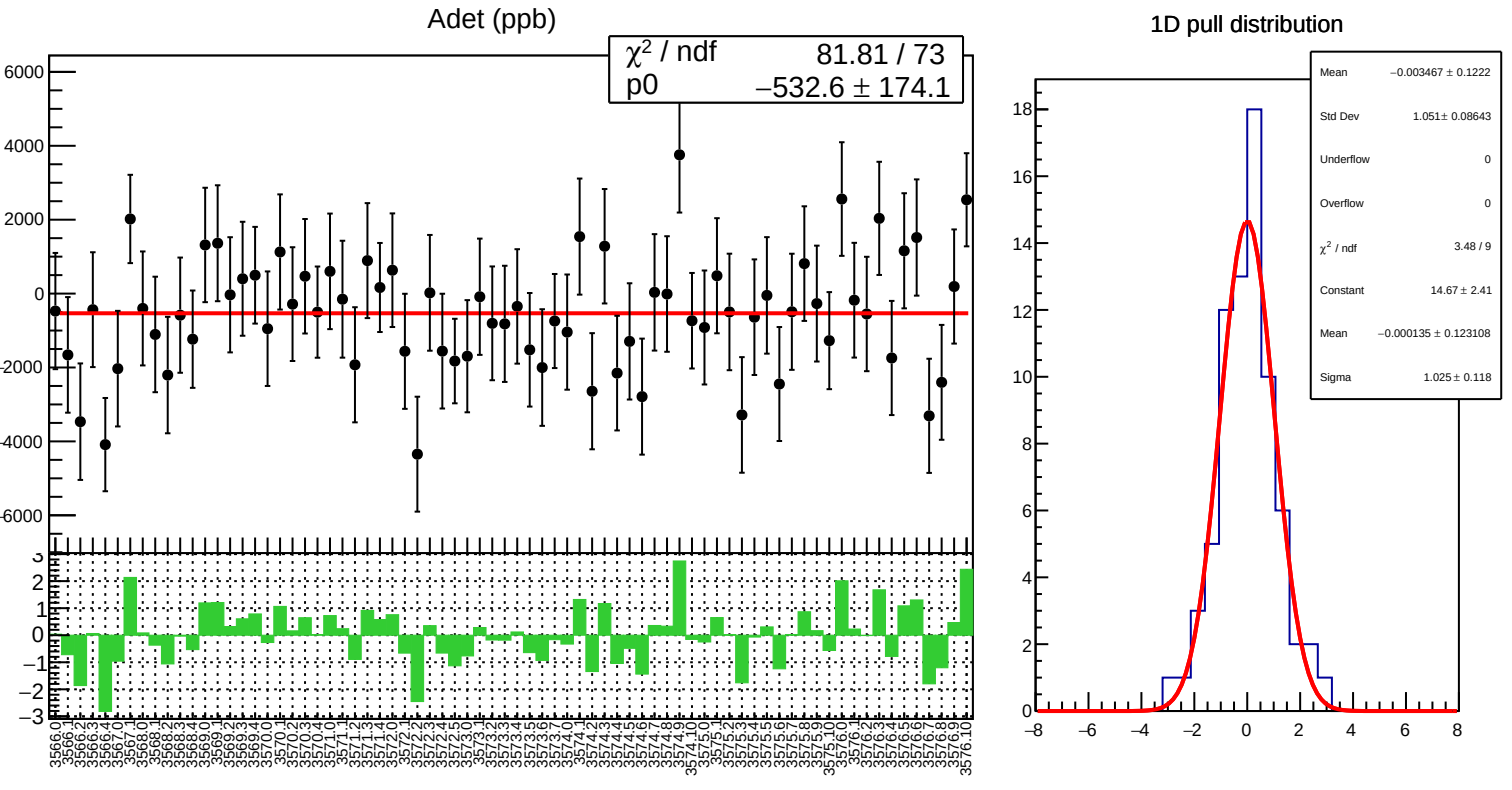
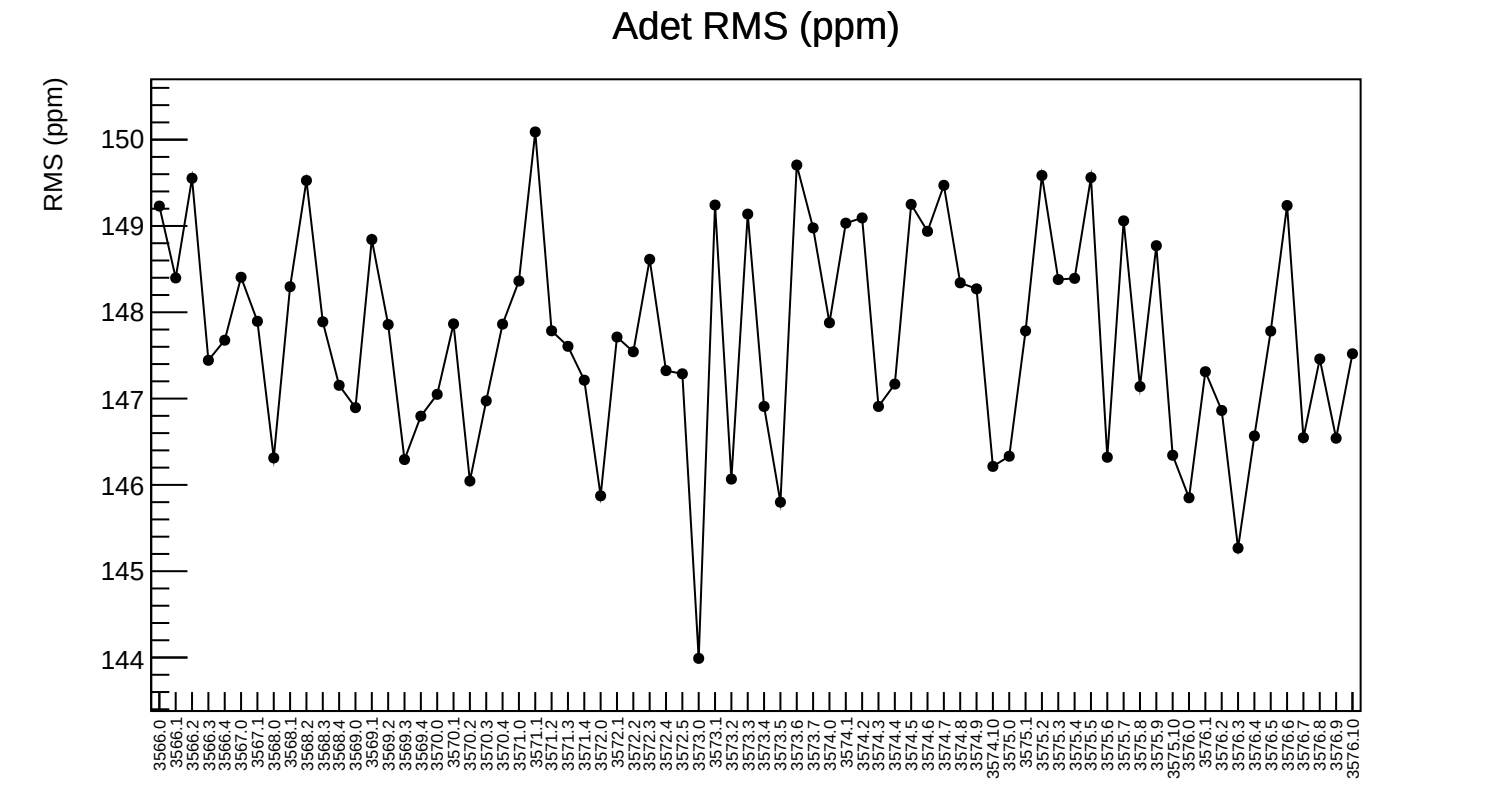
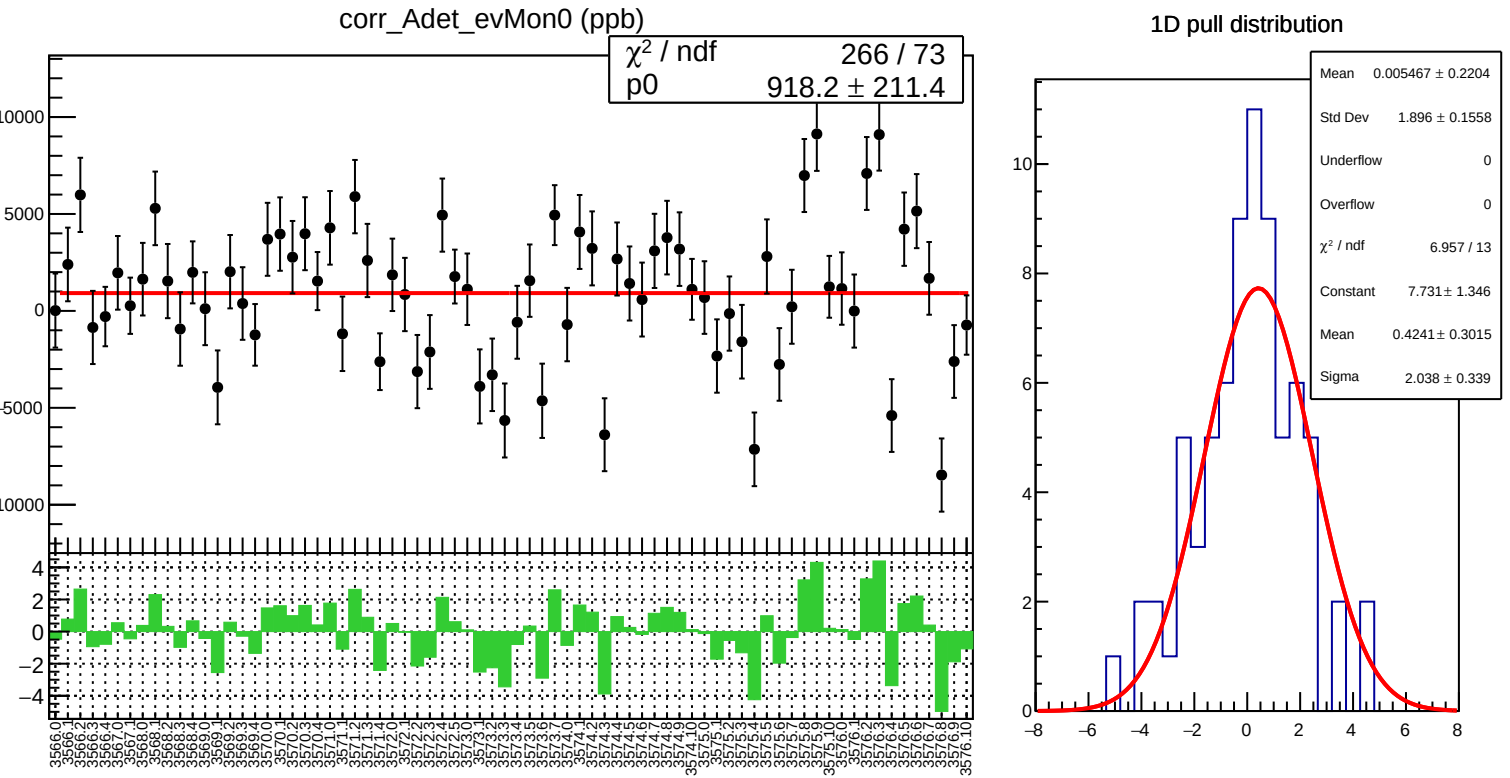
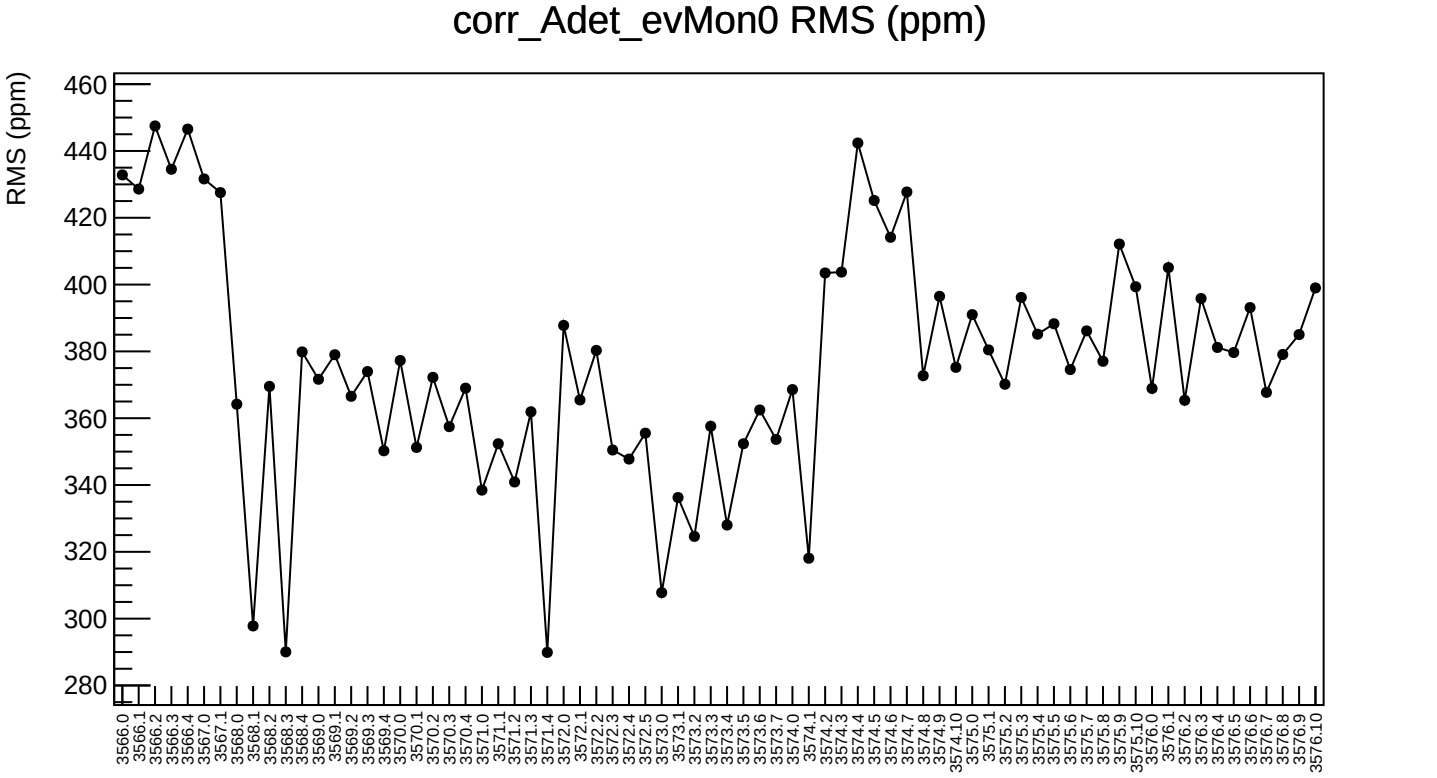
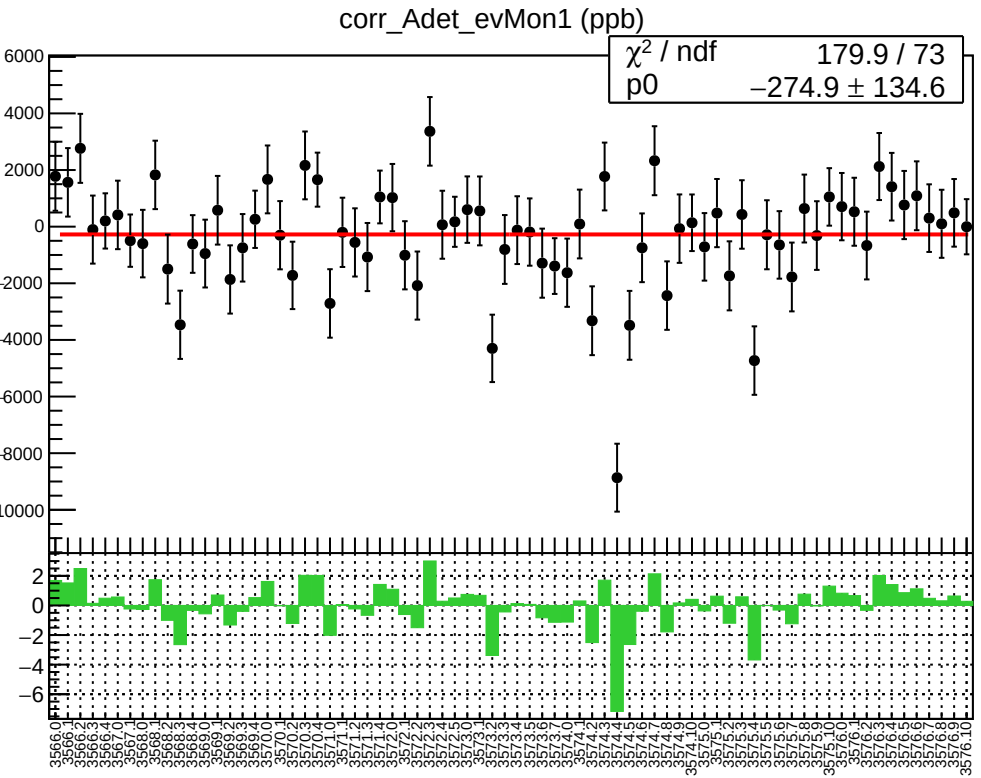
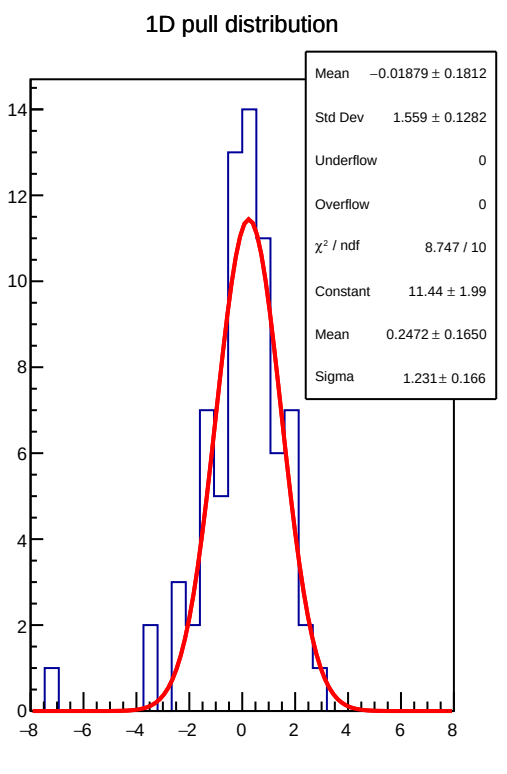

Adet (ppb)
χ² / ndf 81.81 / 73
p0 −532.6 ± 174.1
1D pull distribution
Mean −0.003467 ± 0.1222
Std Dev 1.051 ± 0.08643
Underflow 0
Overflow 0
χ² / ndf 3.48 / 9
Constant 14.67 ± 2.41
Mean −0.000135 ± 0.123108
Sigma 1.025 ± 0.118

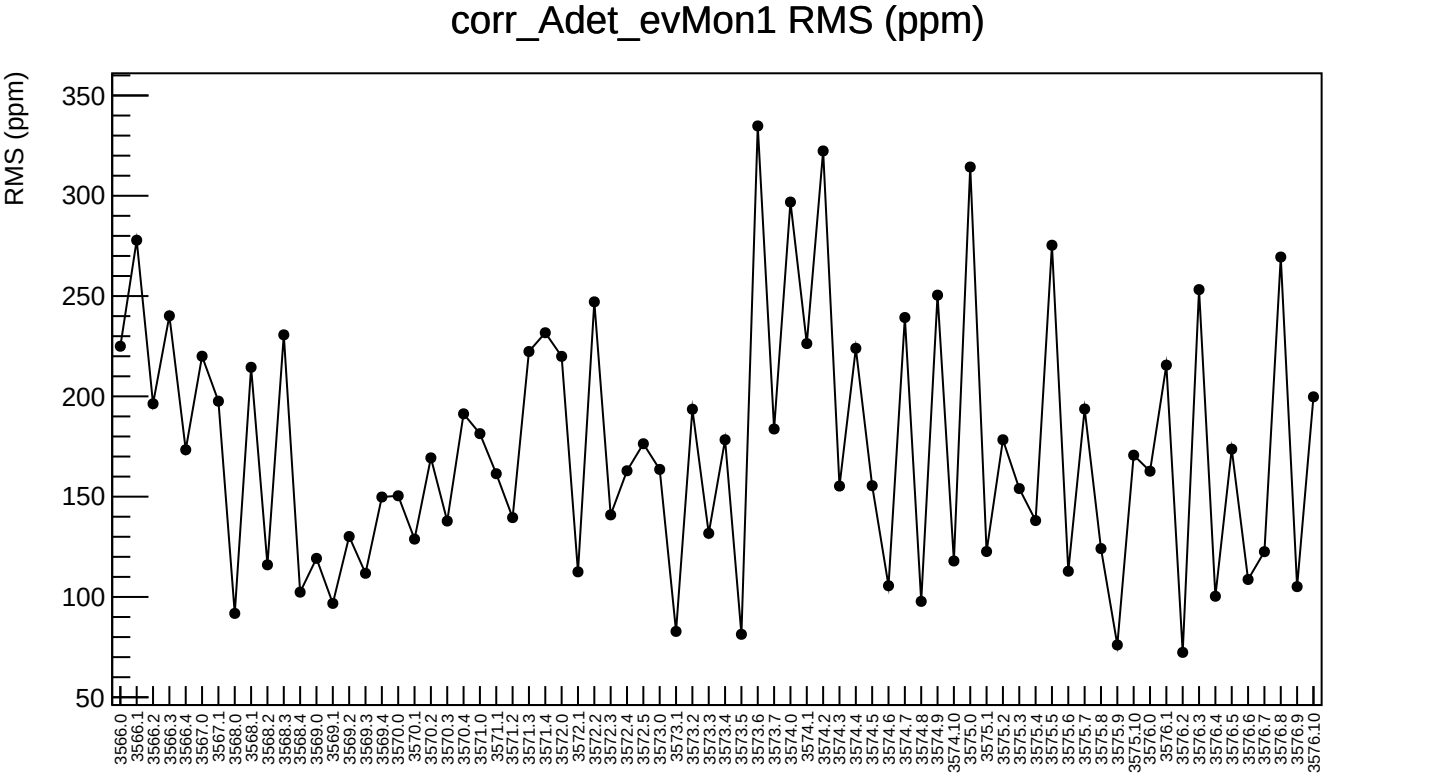

Adet RMS (ppm)
RMS (ppm)
150
149
148
147
146
145
144
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

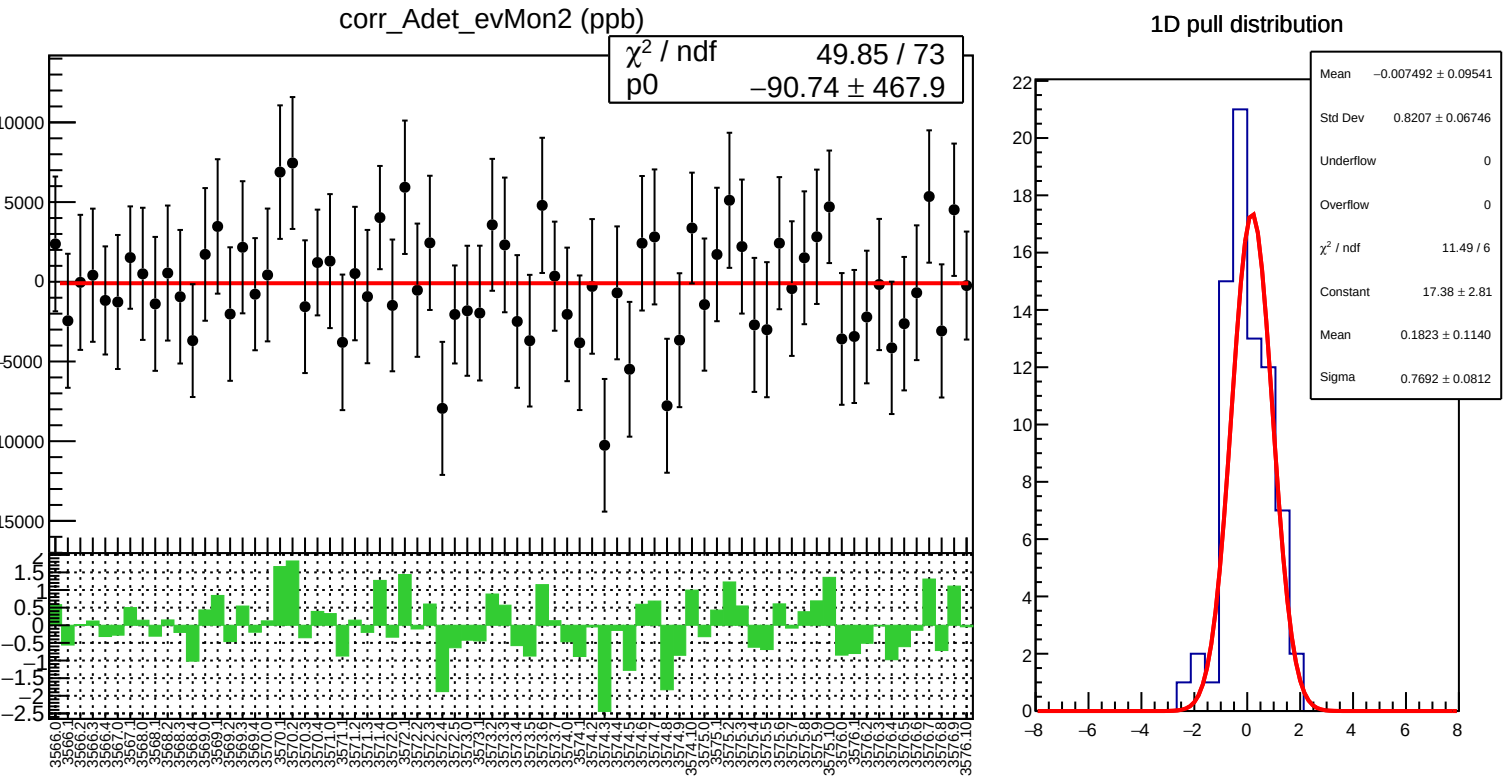

corr_Adet_evMon0 (ppb)
χ² / ndf 266 / 73
p0 918.2 ± 211.4
10000
5000
0
-5000
-10000
4
2
0
−2
−4
1D pull distribution
Mean 0.005467 ± 0.2204
Std Dev 1.896 ± 0.1558
Underflow 0
Overflow 0
χ² / ndf 6.957 / 13
Constant 7.731 ± 1.346
Mean 0.4241 ± 0.3015
Sigma 2.038 ± 0.339
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

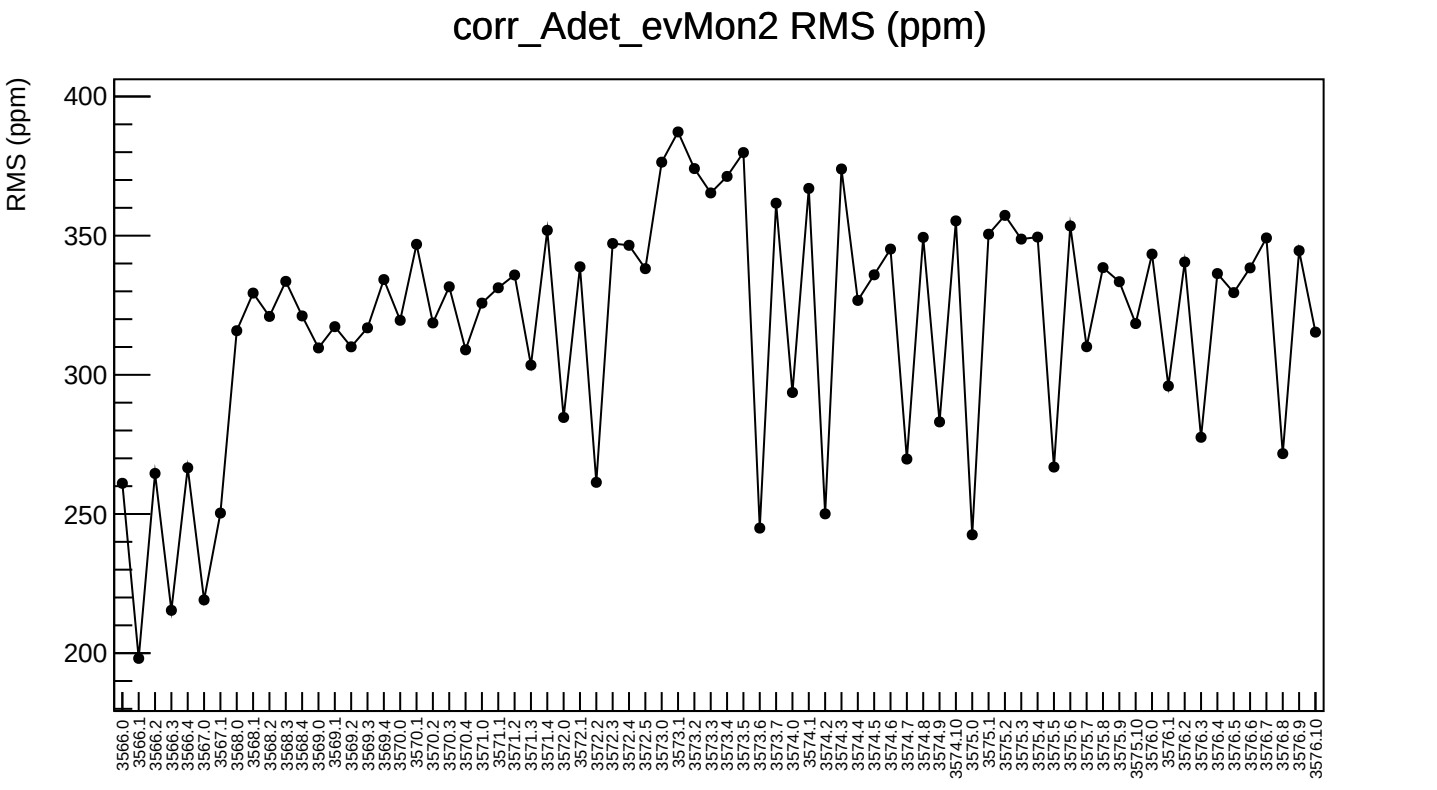

corr_Adet_evMon0 RMS (ppm)
RMS (ppm)
460
440
420
400
380
360
340
320
300
280
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

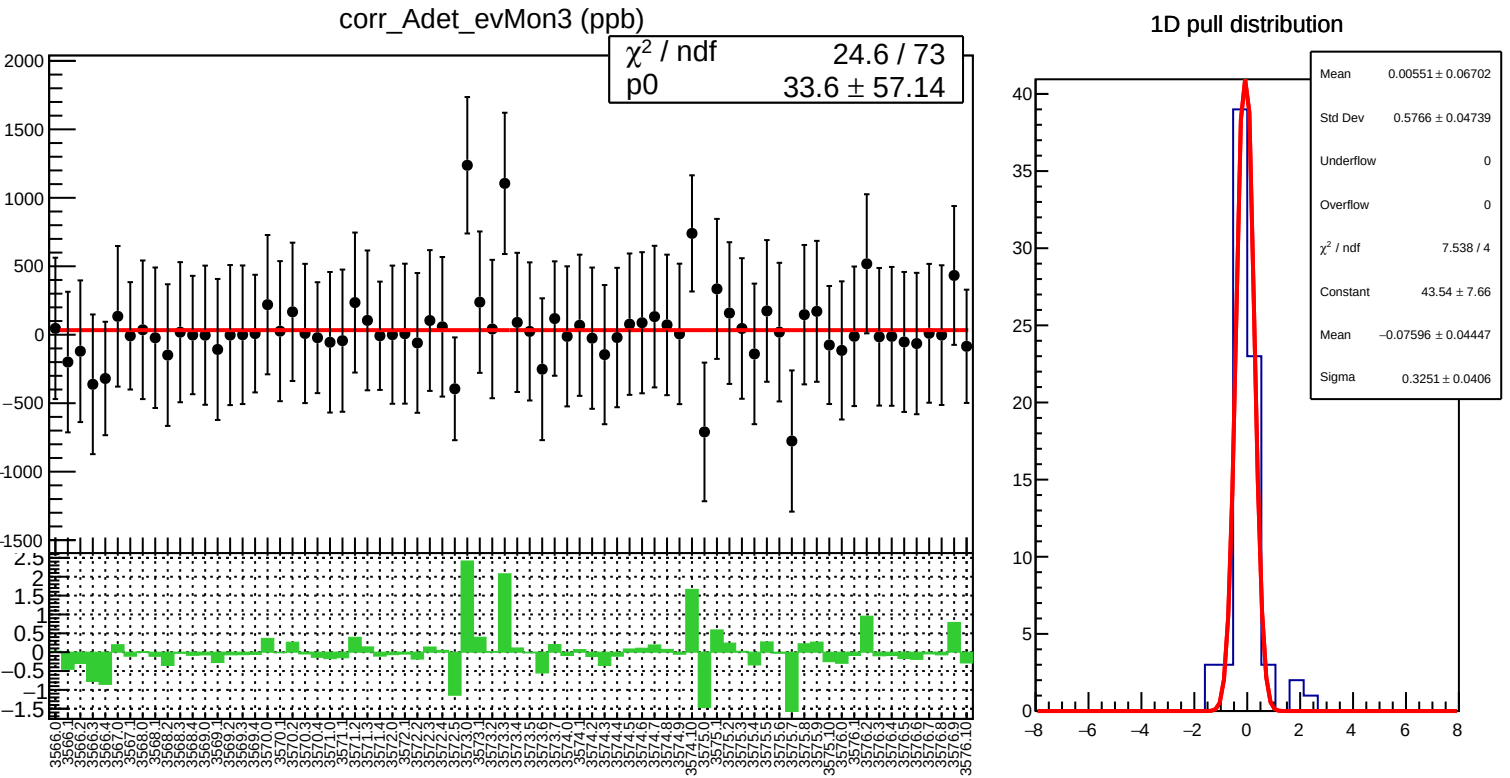

corr_Adet_evMon1 (ppb)
χ² / ndf 179.9 / 73
p0 −274.9 ± 134.6

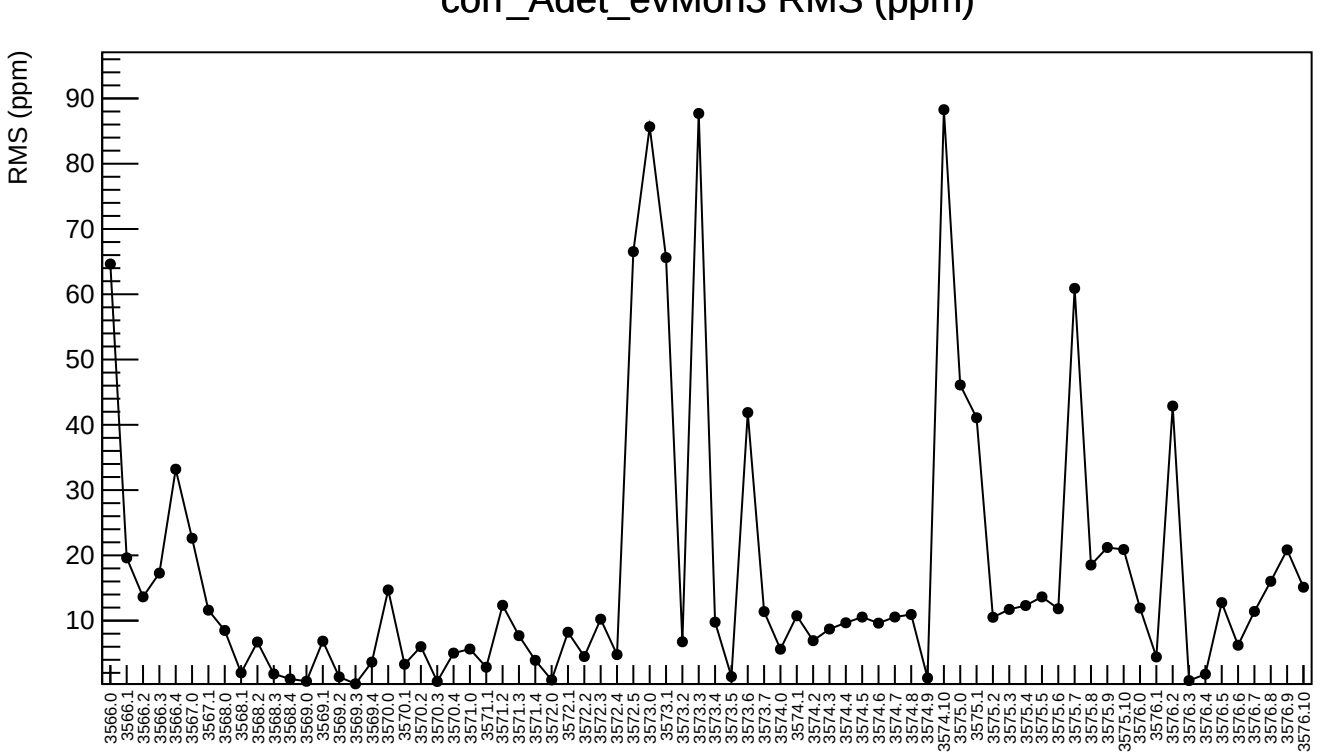

1D pull distribution
Mean −0.01879 ± 0.1812
Std Dev 1.559 ± 0.1282
Underflow 0
Overflow 0
χ² / ndf 8.747 / 10
Constant 11.44 ± 1.99
Mean 0.2472 ± 0.1650
Sigma 1.231 ± 0.166

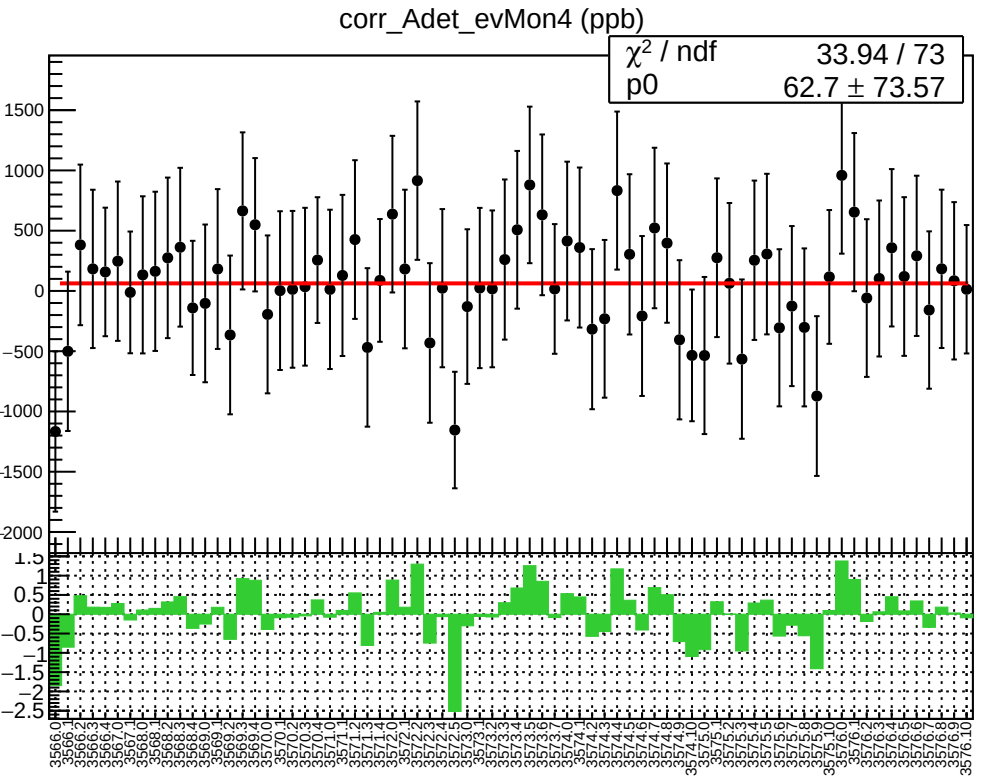

corr_Adet_evMon1 RMS (ppm)
RMS (ppm)
350
300
250
200
150
100
50
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

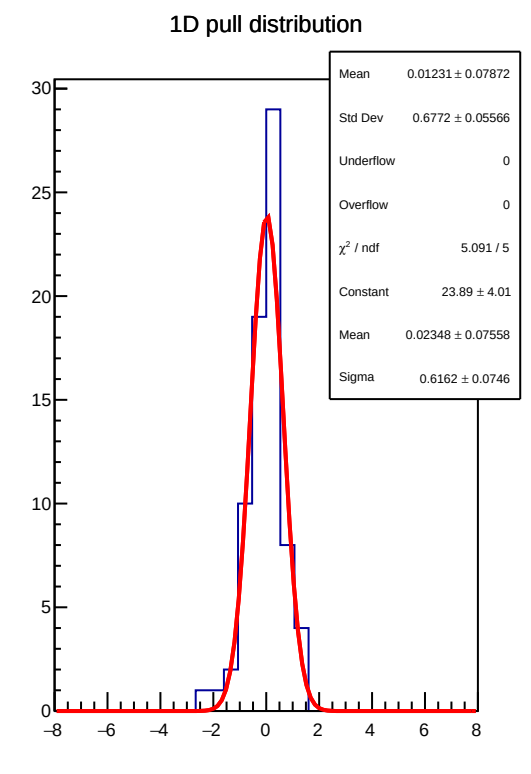

corr_Adet_evMon2 (ppb)
χ² / ndf 49.85 / 73
p0 −90.74 ± 467.9
10000
5000
0
−5000
−10000
−15000
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5
1D pull distribution
Mean −0.007492 ± 0.09541
Std Dev 0.8207 ± 0.06746
Underflow 0
Overflow 0
χ² / ndf 11.49 / 6
Constant 17.38 ± 2.81
Mean 0.1823 ± 0.1140
Sigma 0.7692 ± 0.0812
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

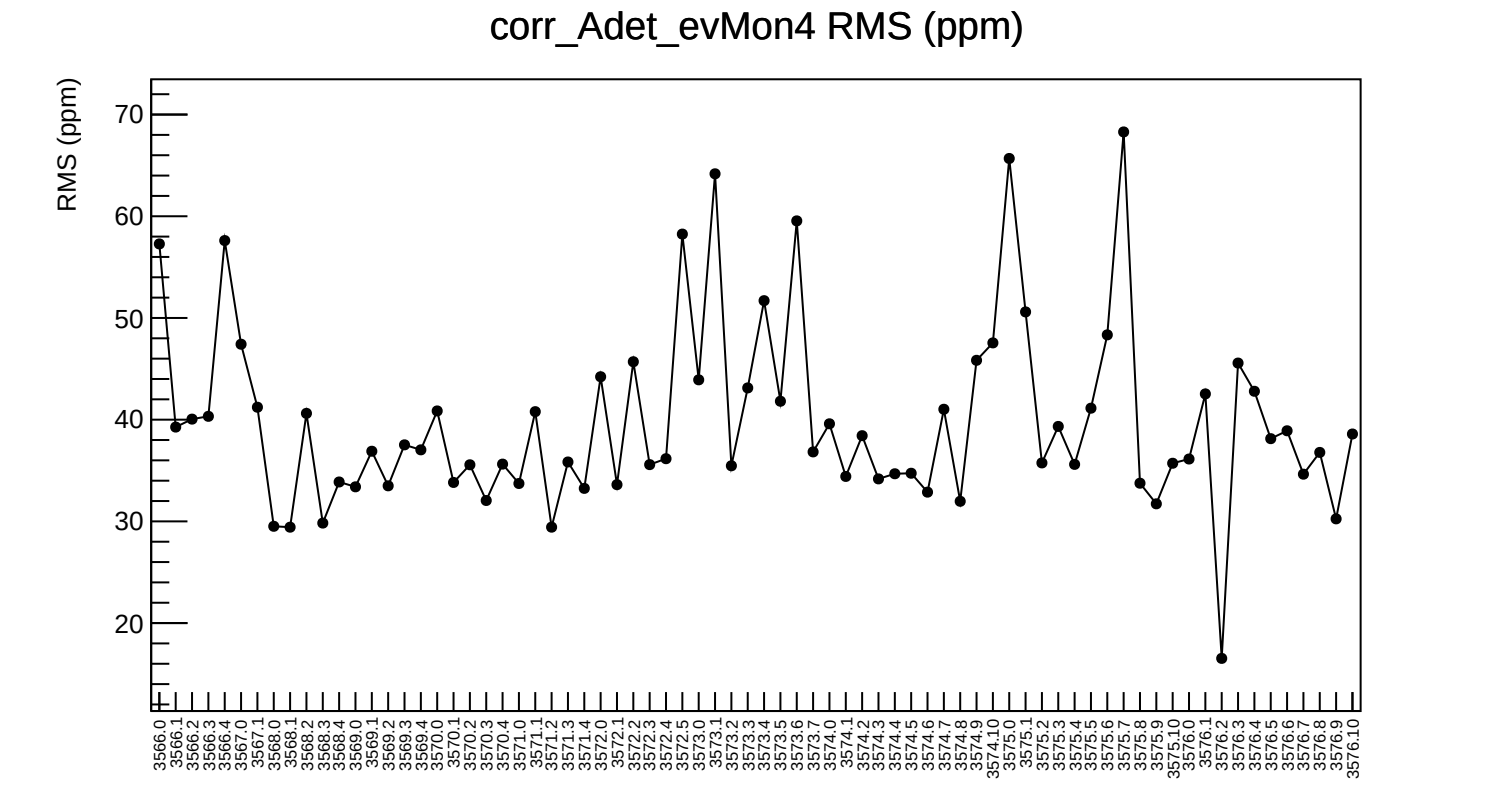

corr_Adet_evMon2 RMS (ppm)
RMS (ppm)
400
350
300
250
200
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

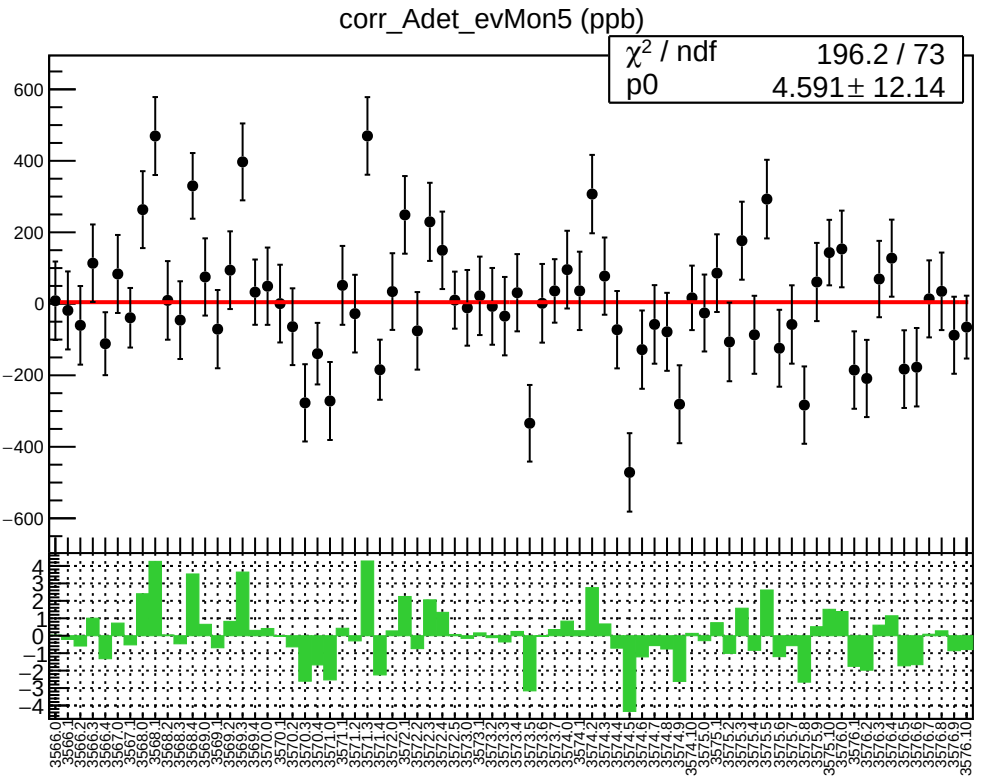

corr_Adet_evMon3 (ppb)
χ² / ndf 24.6 / 73
p0 33.6 ± 57.14
1D pull distribution
Mean 0.00551 ± 0.06702
Std Dev 0.5766 ± 0.04739
Underflow 0
Overflow 0
χ² / ndf 7.538 / 4
Constant 43.54 ± 7.66
Mean −0.07596 ± 0.04447
Sigma 0.3251 ± 0.0406

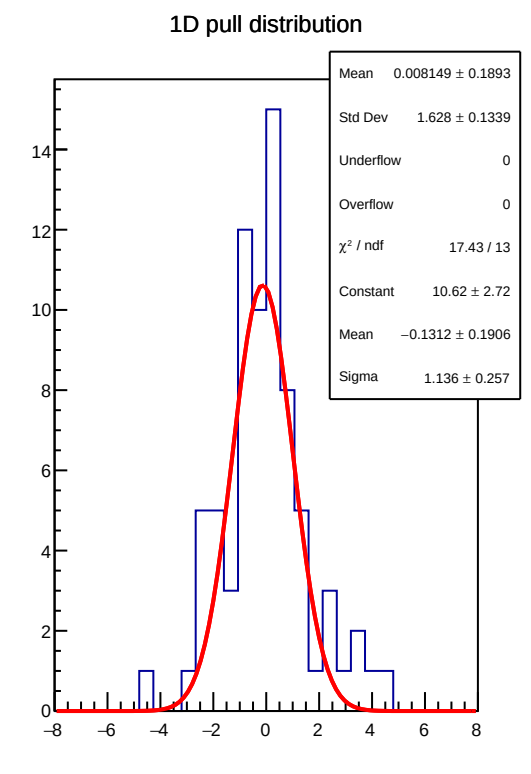

corr_Adet_evMon3 RMS (ppm)
RMS (ppm)
90
80
70
60
50
40
30
20
10
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

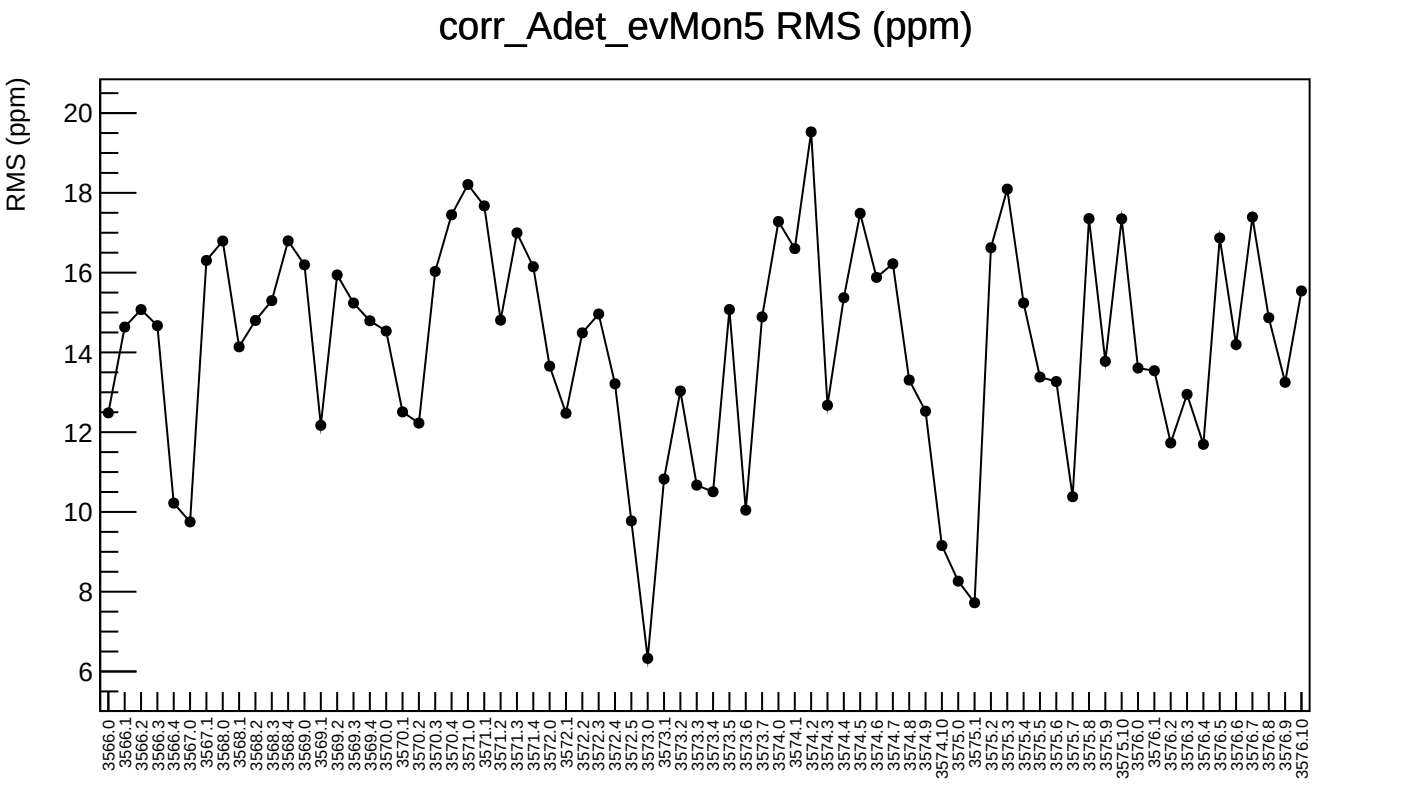

corr_Adet_evMon4 (ppb)
χ² / ndf 33.94 / 73
p0 62.7 ± 73.57

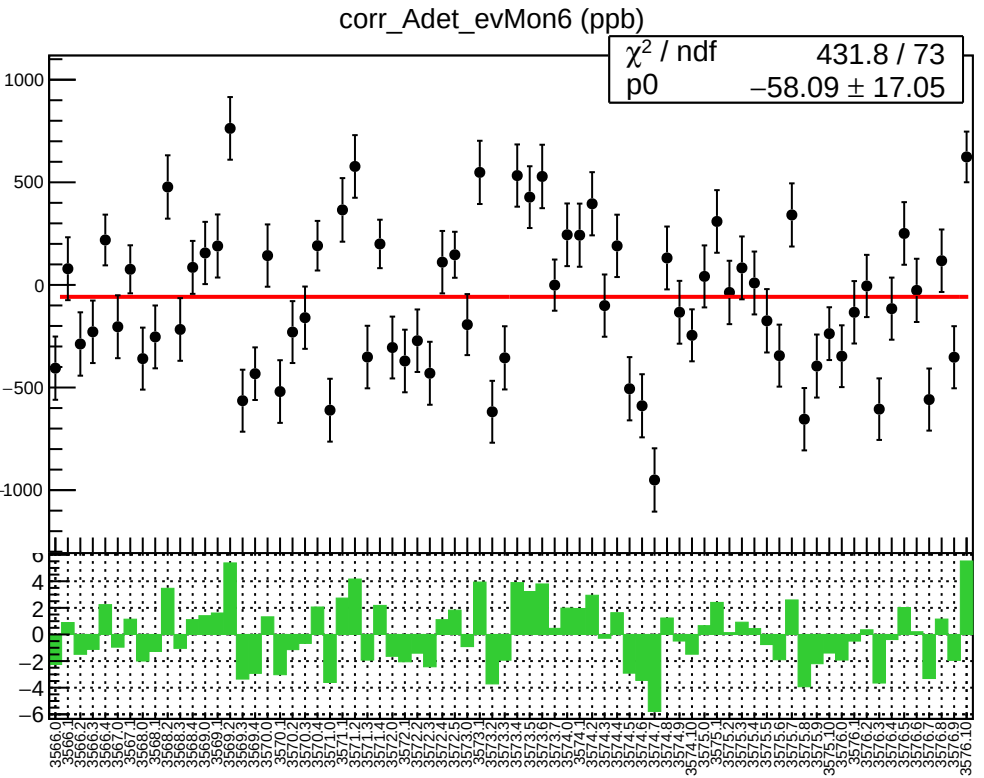

1D pull distribution
Mean 0.01231 ± 0.07872
Std Dev 0.6772 ± 0.05566
Underflow 0
Overflow 0
χ² / ndf 5.091 / 5
Constant 23.89 ± 4.01
Mean 0.02348 ± 0.07558
Sigma 0.6162 ± 0.0746

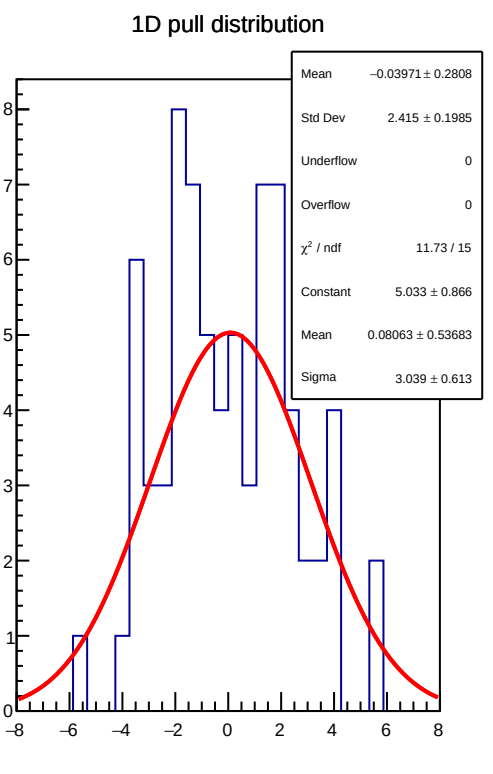

corr_Adet_evMon4 RMS (ppm)
RMS (ppm)
70
60
50
40
30
20
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

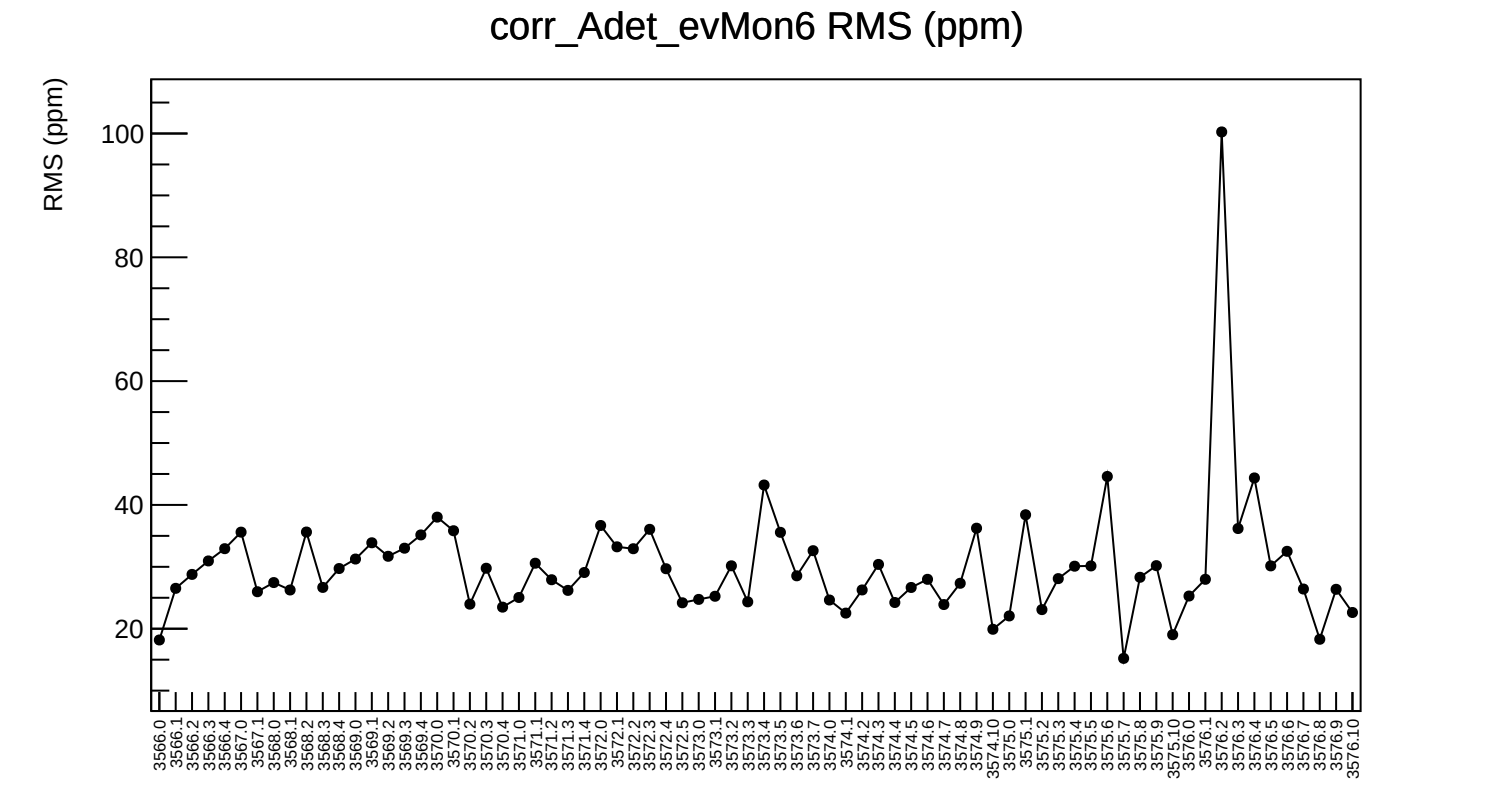

corr_Adet_evMon5 (ppb)
χ² / ndf 196.2 / 73
p0 4.591± 12.14

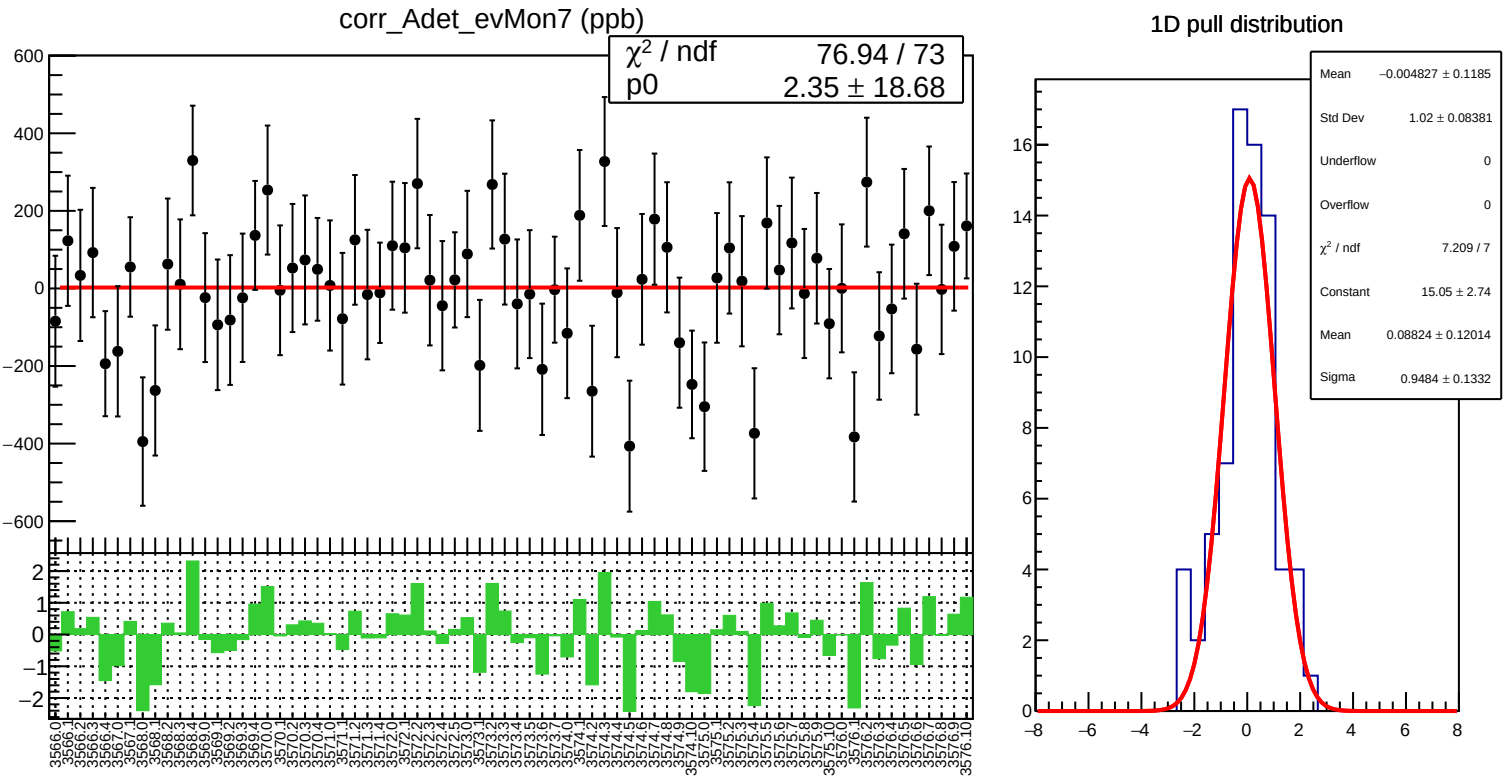

1D pull distribution
Mean 0.008149 ± 0.1893
Std Dev 1.628 ± 0.1339
Underflow 0
Overflow 0
χ² / ndf 17.43 / 13
Constant 10.62 ± 2.72
Mean −0.1312 ± 0.1906
Sigma 1.136 ± 0.257

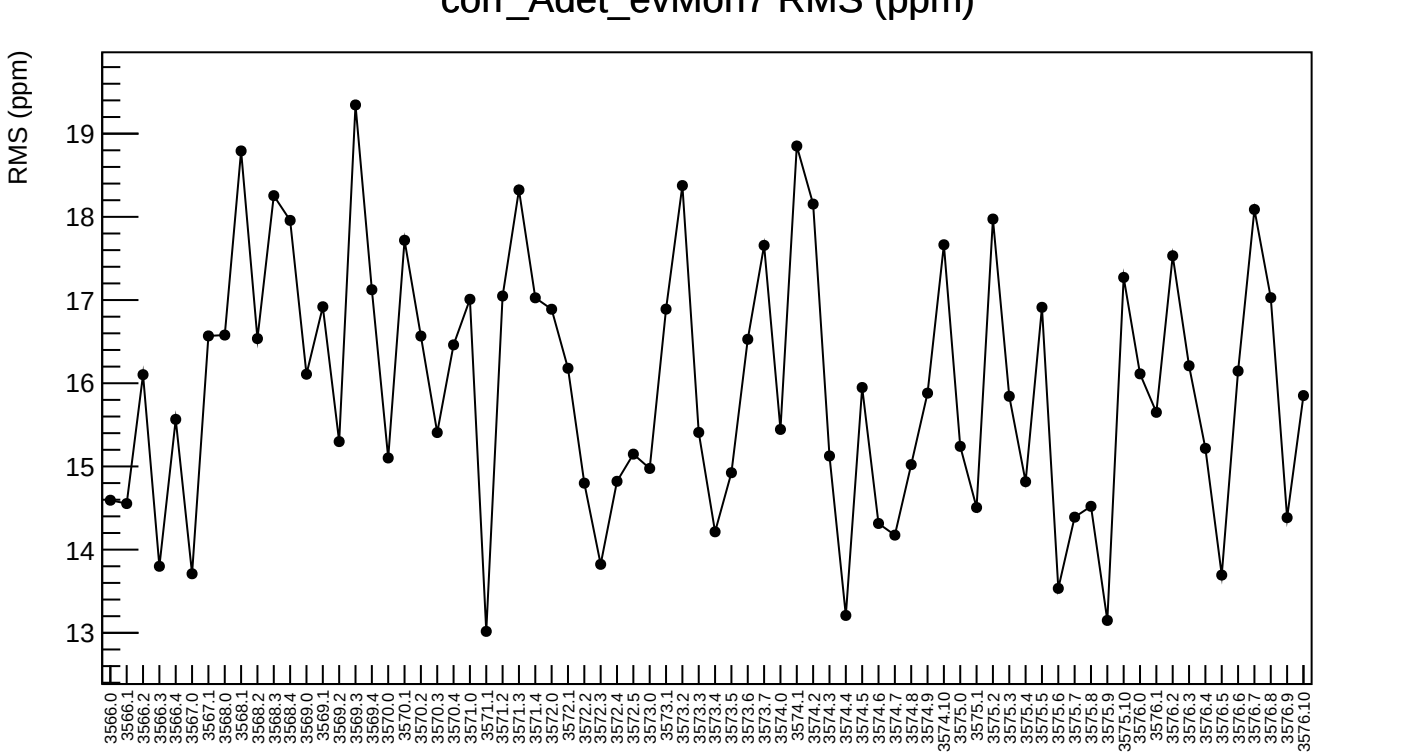

corr_Adet_evMon5 RMS (ppm)
RMS (ppm)
20
18
16
14
12
10
8
6
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

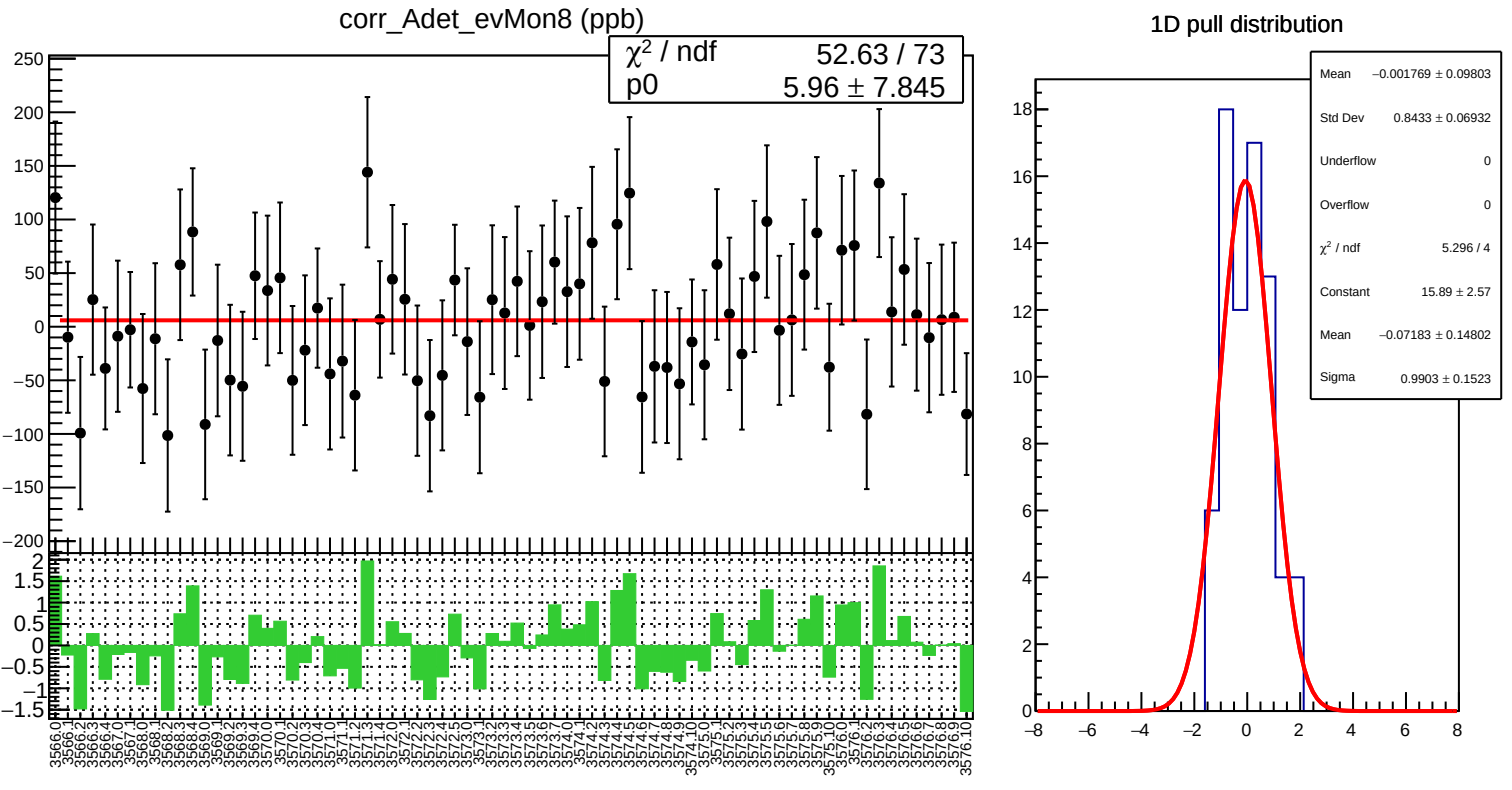

corr_Adet_evMon6 (ppb)
χ² / ndf 431.8 / 73
p0 −58.09 ± 17.05


1D pull distribution
Mean −0.03971 ± 0.2808
Std Dev 2.415 ± 0.1985
Underflow 0
Overflow 0
χ² / ndf 11.73 / 15
Constant 5.033 ± 0.866
Mean 0.08063 ± 0.53683
Sigma 3.039 ± 0.613


corr_Adet_evMon6 RMS (ppm)
RMS (ppm)
100
80
60
40
20
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10


corr_Adet_evMon7 (ppb)
χ² / ndf 76.94 / 73
p0 2.35 ± 18.68
1D pull distribution
Mean −0.004827 ± 0.1185
Std Dev 1.02 ± 0.08381
Underflow 0
Overflow 0
χ² / ndf 7.209 / 7
Constant 15.05 ± 2.74
Mean 0.08824 ± 0.12014
Sigma 0.9484 ± 0.1332


corr_Adet_evMon7 RMS (ppm)
RMS (ppm)
19
18
17
16
15
14
13
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

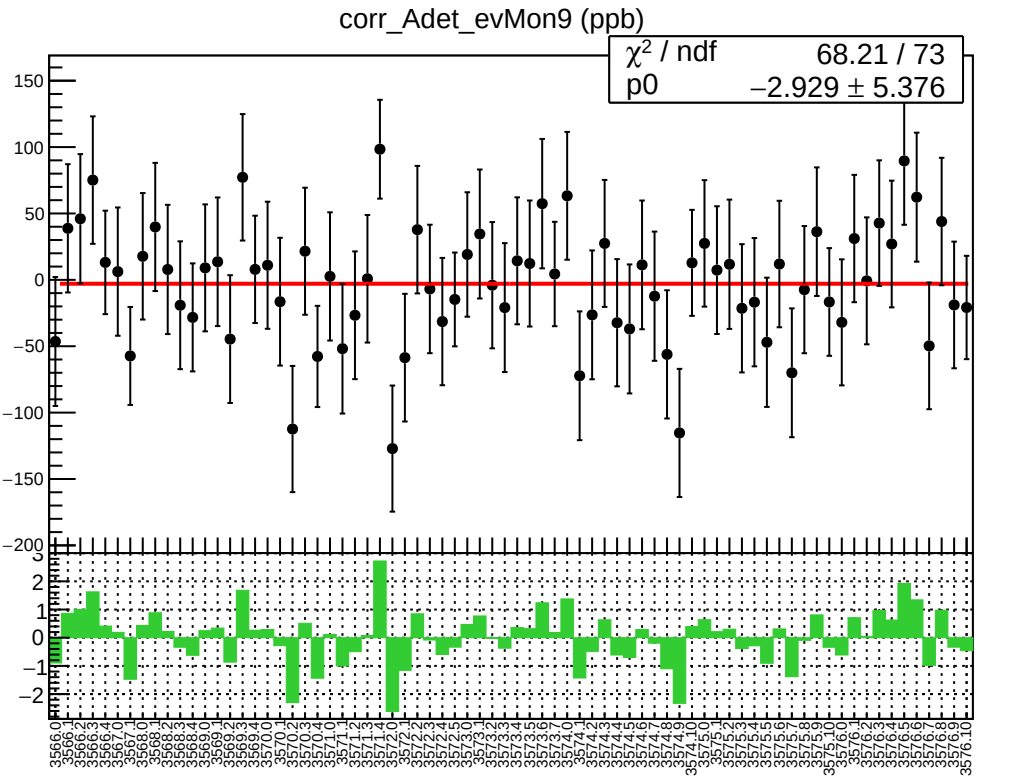

corr_Adet_evMon8 (ppb)
χ² / ndf 52.63 / 73
p0 5.96 ± 7.845
1D pull distribution
Mean −0.001769 ± 0.09803
Std Dev 0.8433 ± 0.06932
Underflow 0
Overflow 0
χ² / ndf 5.296 / 4
Constant 15.89 ± 2.57
Mean −0.07183 ± 0.14802
Sigma 0.9903 ± 0.1523

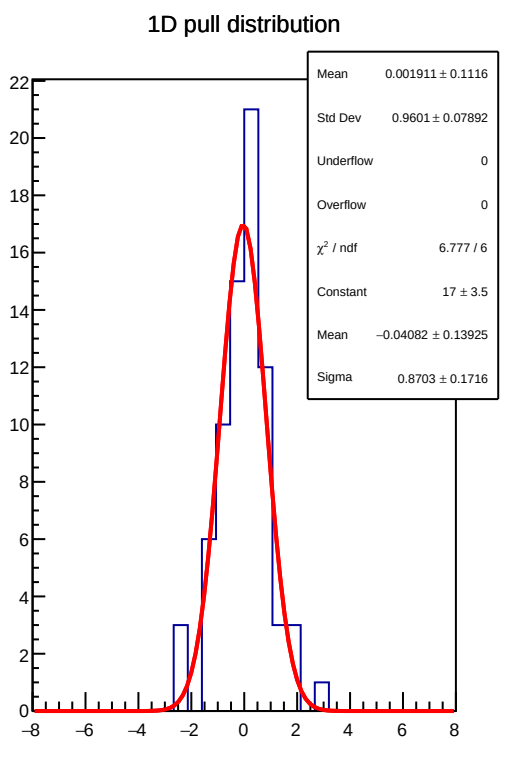
corr_Adet_evMon8 RMS (ppm)

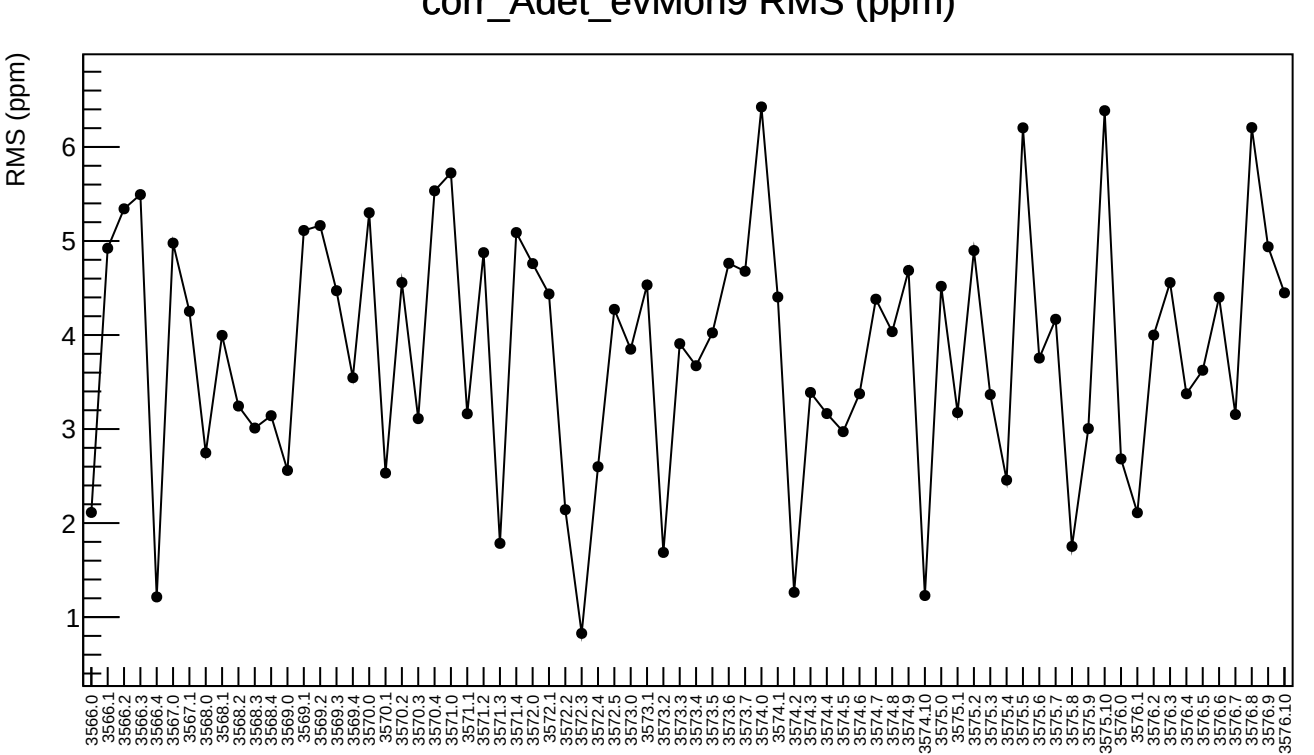
RMS (ppm)

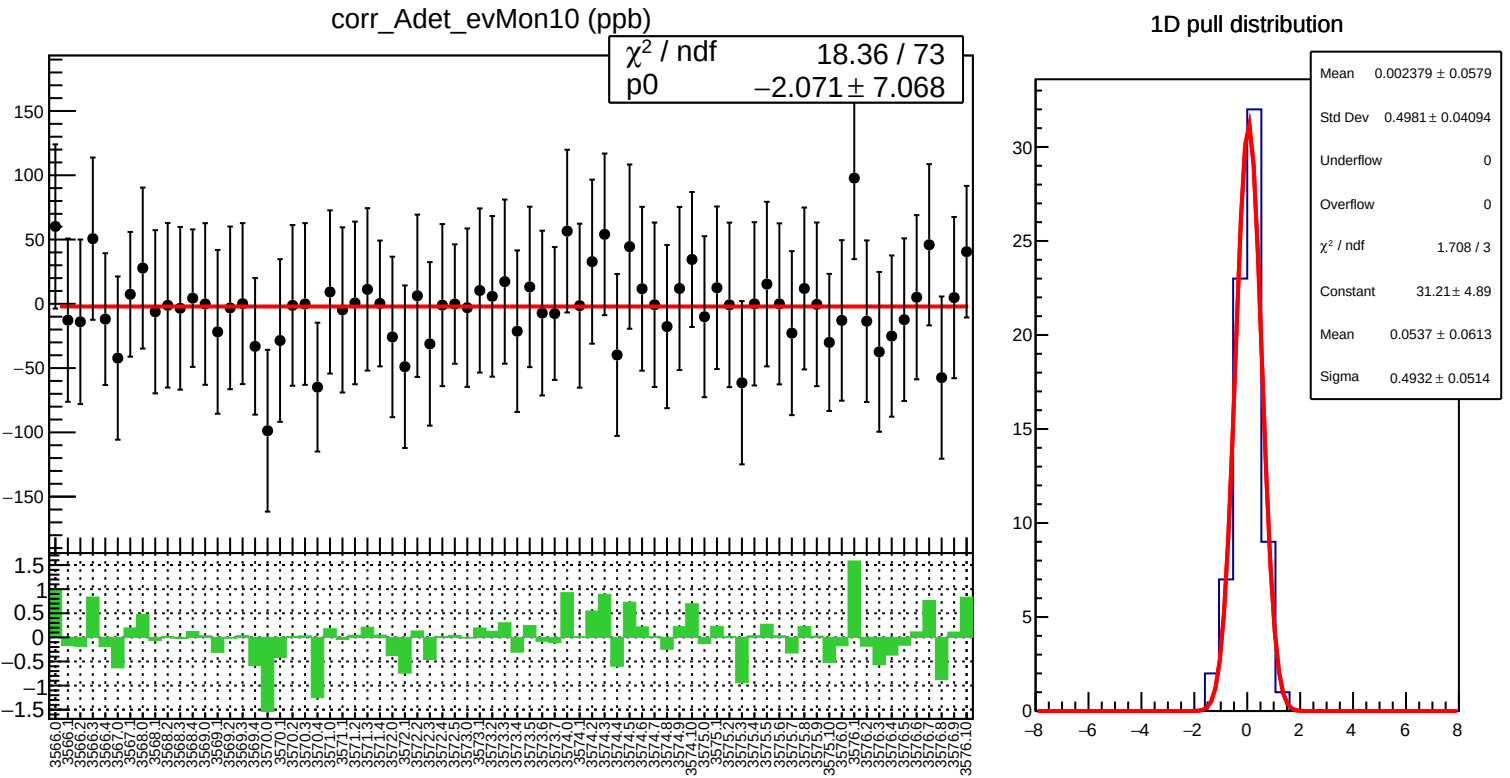
9
8
7
6
5
4
3
2

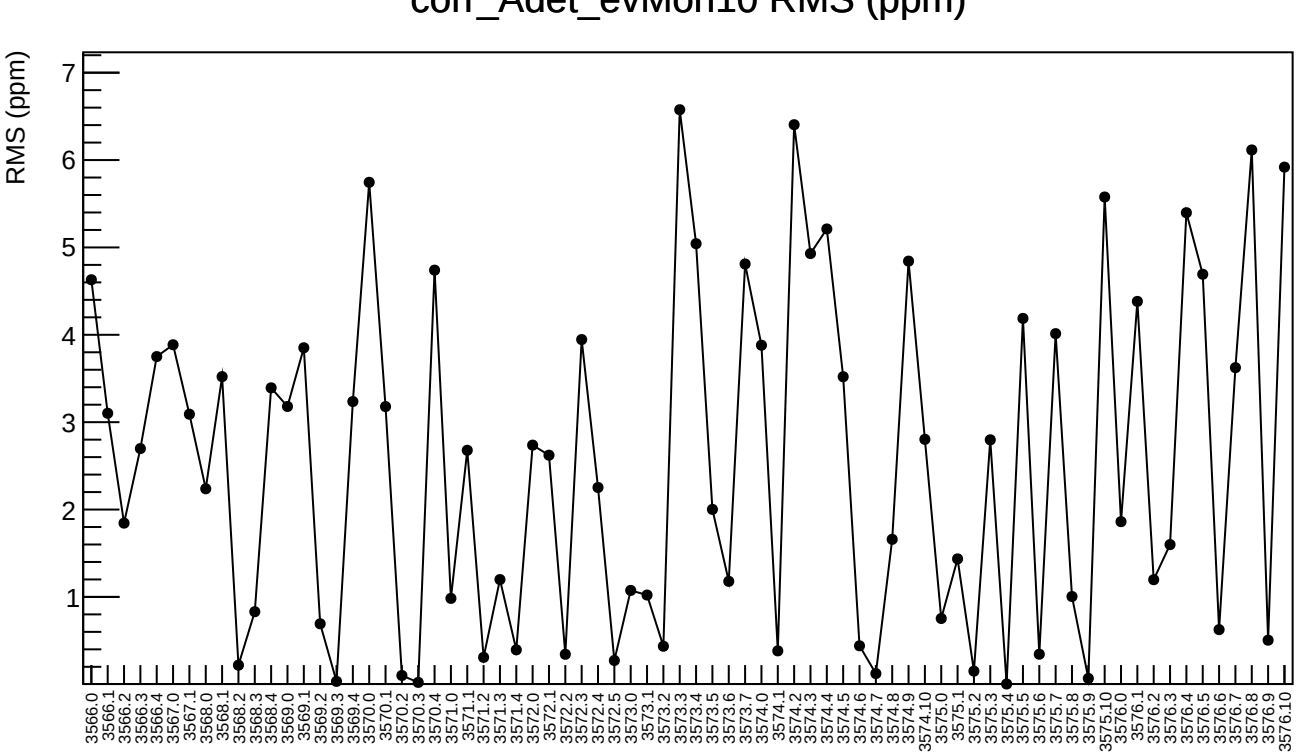
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

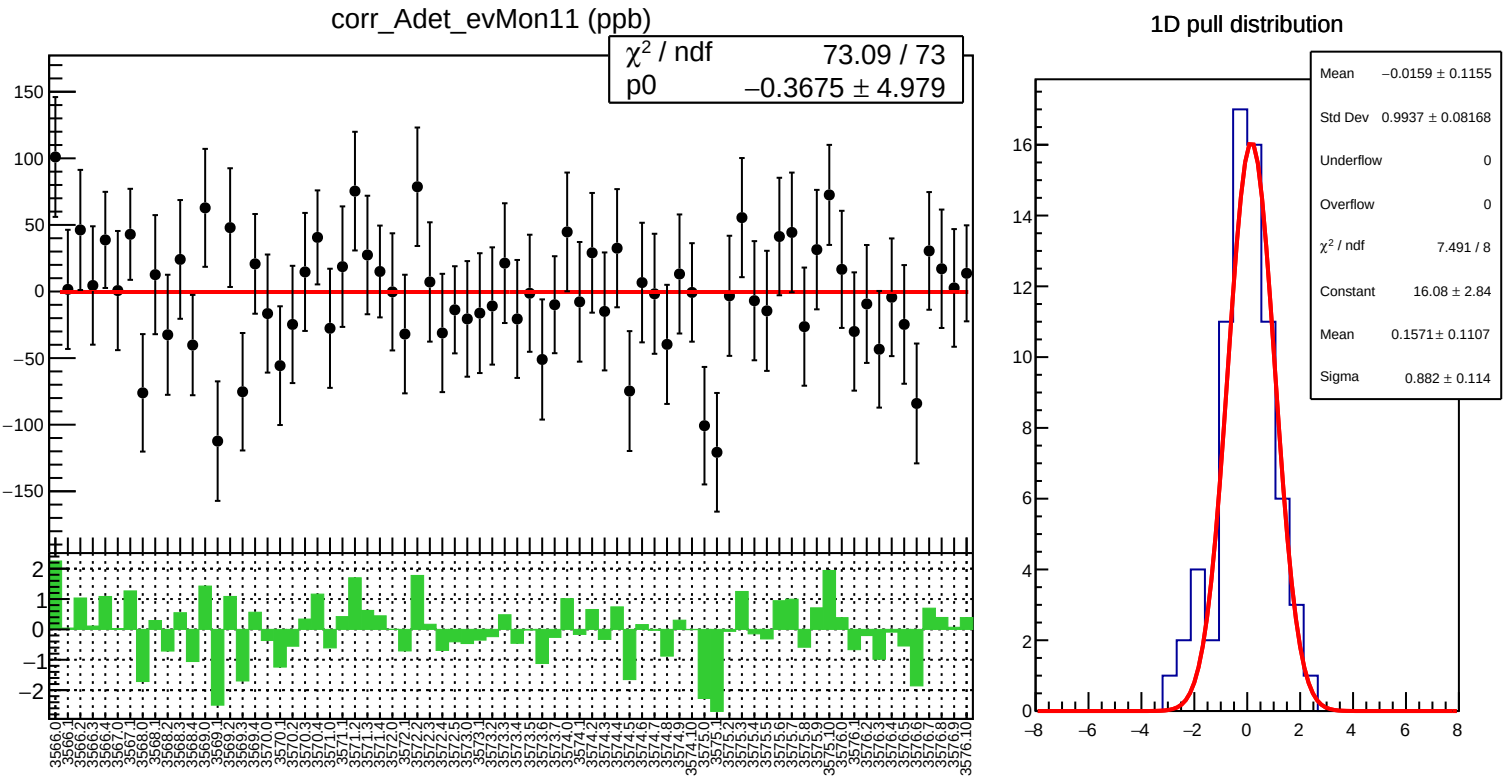

corr_Adet_evMon9 (ppb)
χ² / ndf 68.21 / 73
p0 −2.929 ± 5.376

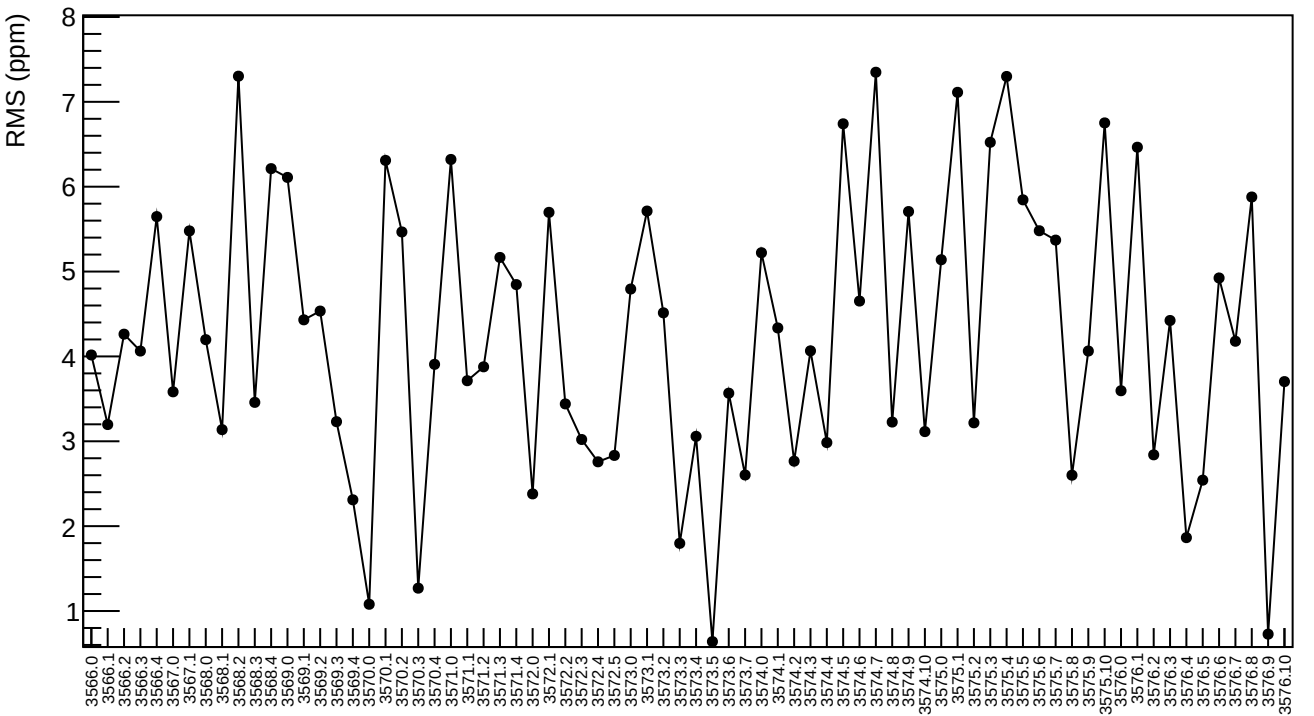

1D pull distribution
Mean 0.001911 ± 0.1116
Std Dev 0.9601 ± 0.07892
Underflow 0
Overflow 0
χ² / ndf 6.777 / 6
Constant 17 ± 3.5
Mean −0.04082 ± 0.13925
Sigma 0.8703 ± 0.1716

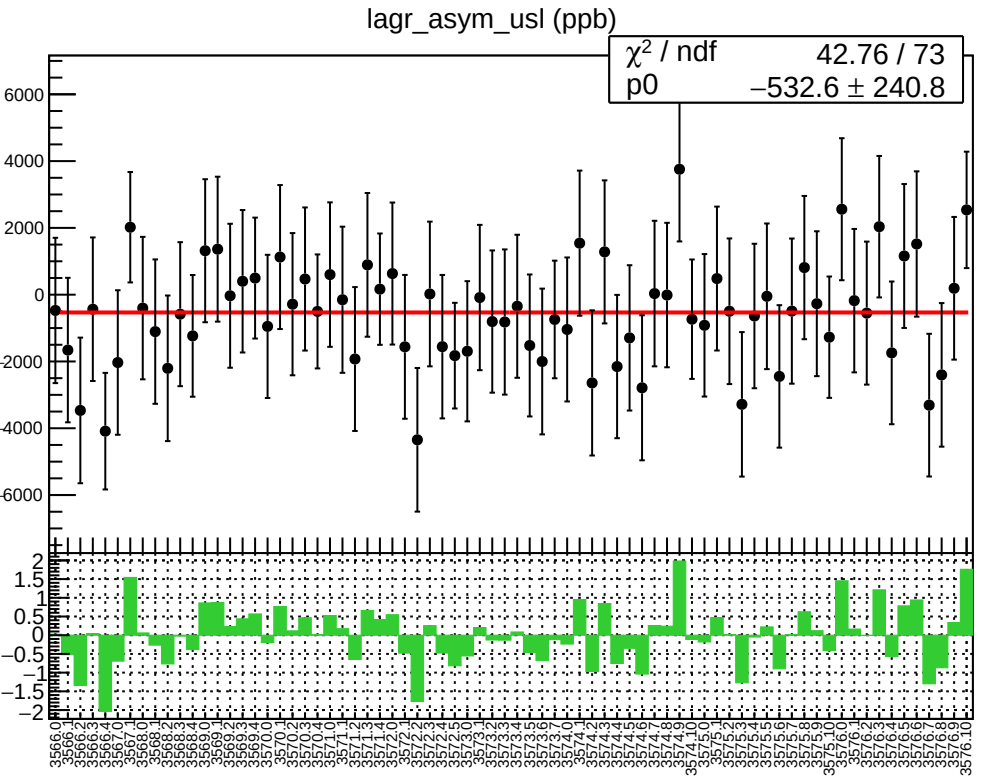

corr_Adet_evMon9 RMS (ppm)
RMS (ppm)
1
2
3
4
5
6
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

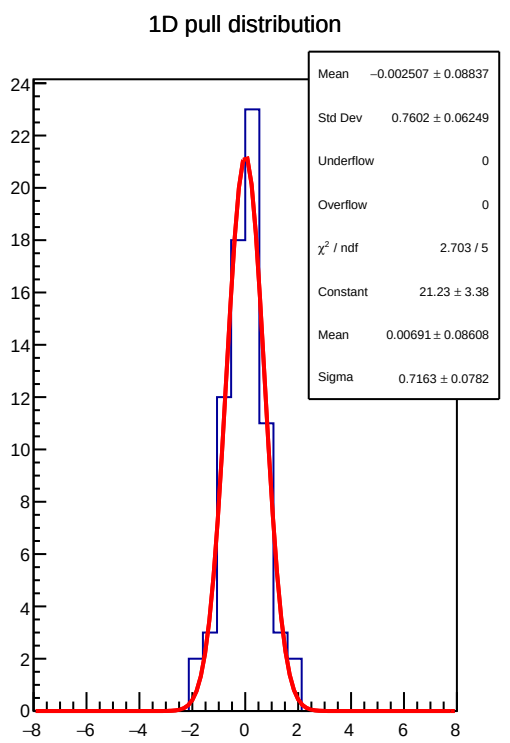

corr_Adet_evMon10 (ppb)
χ² / ndf 18.36 / 73
p0 −2.071 ± 7.068
1D pull distribution
Mean 0.002379 ± 0.0579
Std Dev 0.4981 ± 0.04094
Underflow 0
Overflow 0
χ² / ndf 1.708 / 3
Constant 31.21 ± 4.89
Mean 0.0537 ± 0.0613
Sigma 0.4932 ± 0.0514

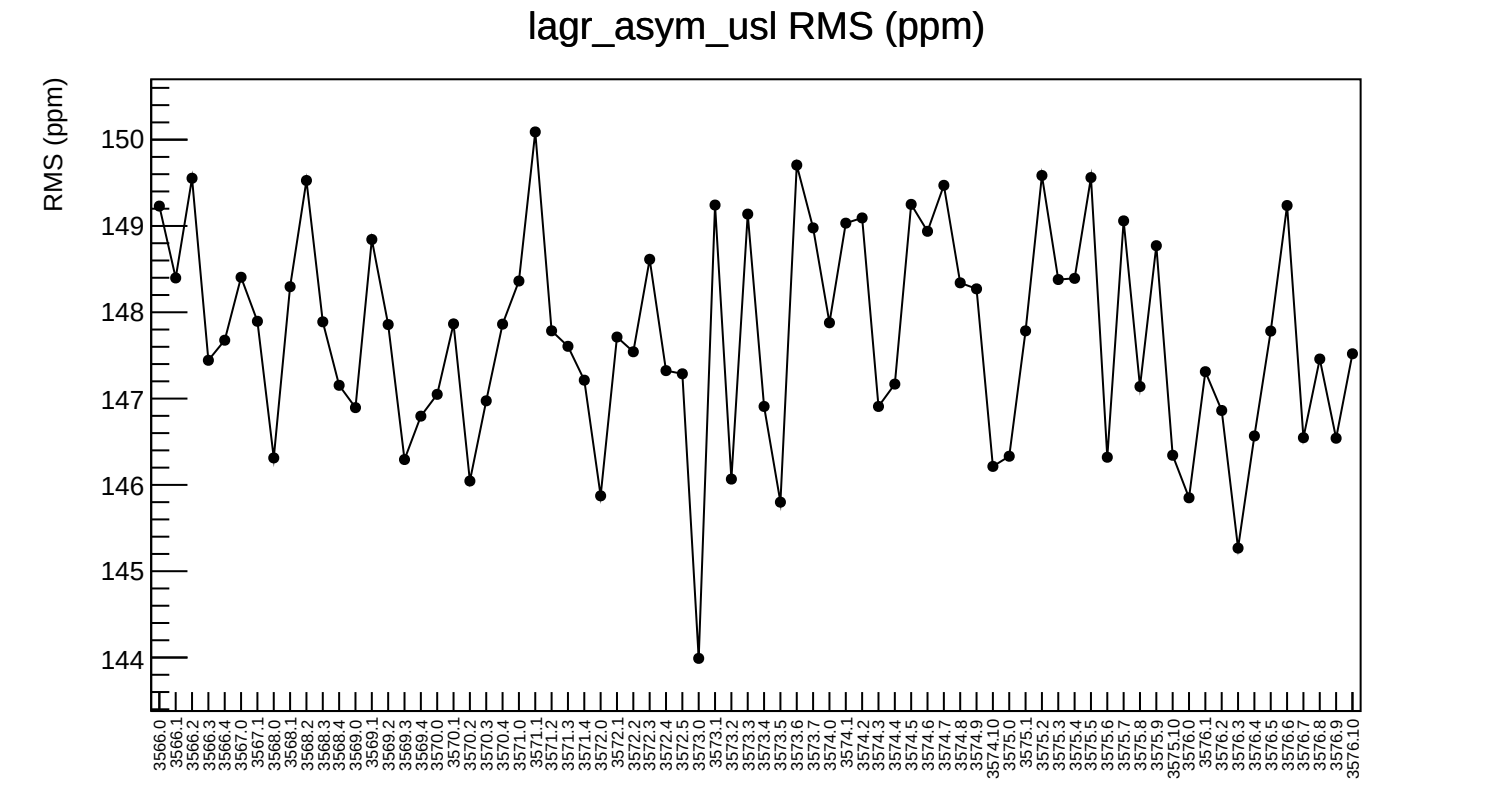

corr_Adet_evMon10 RMS (ppm)
RMS (ppm)
7
6
5
4
3
2
1
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

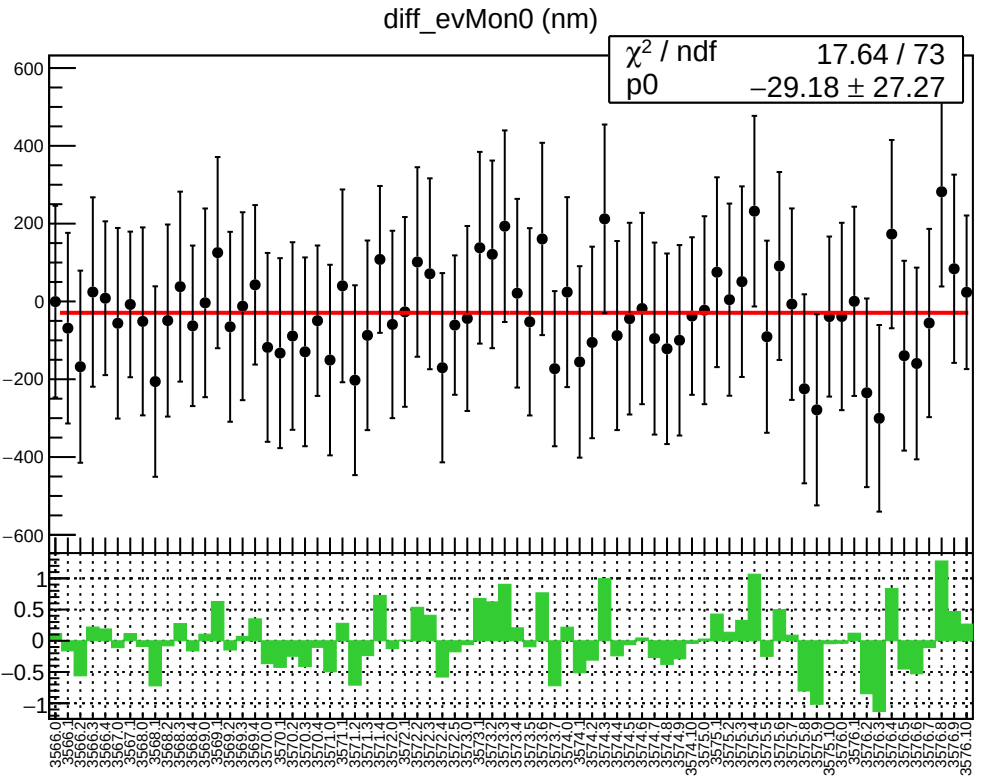

corr_Adet_evMon11 (ppb)
χ² / ndf 73.09 / 73
p0 −0.3675 ± 4.979
1D pull distribution
Mean −0.0159 ± 0.1155
Std Dev 0.9937 ± 0.08168
Underflow 0
Overflow 0
χ² / ndf 7.491 / 8
Constant 16.08 ± 2.84
Mean 0.1571 ± 0.1107
Sigma 0.882 ± 0.114

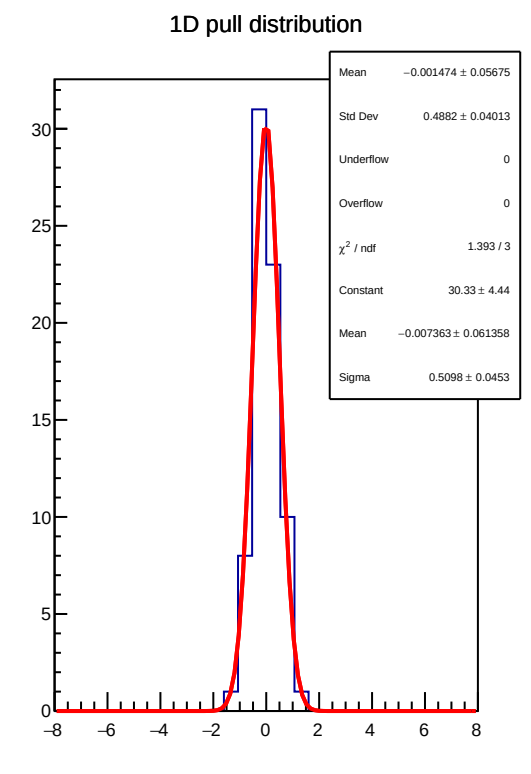

corr_Adet_evMon11 RMS (ppm)
RMS (ppm)
8
7
6
5
4
3
2
1
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

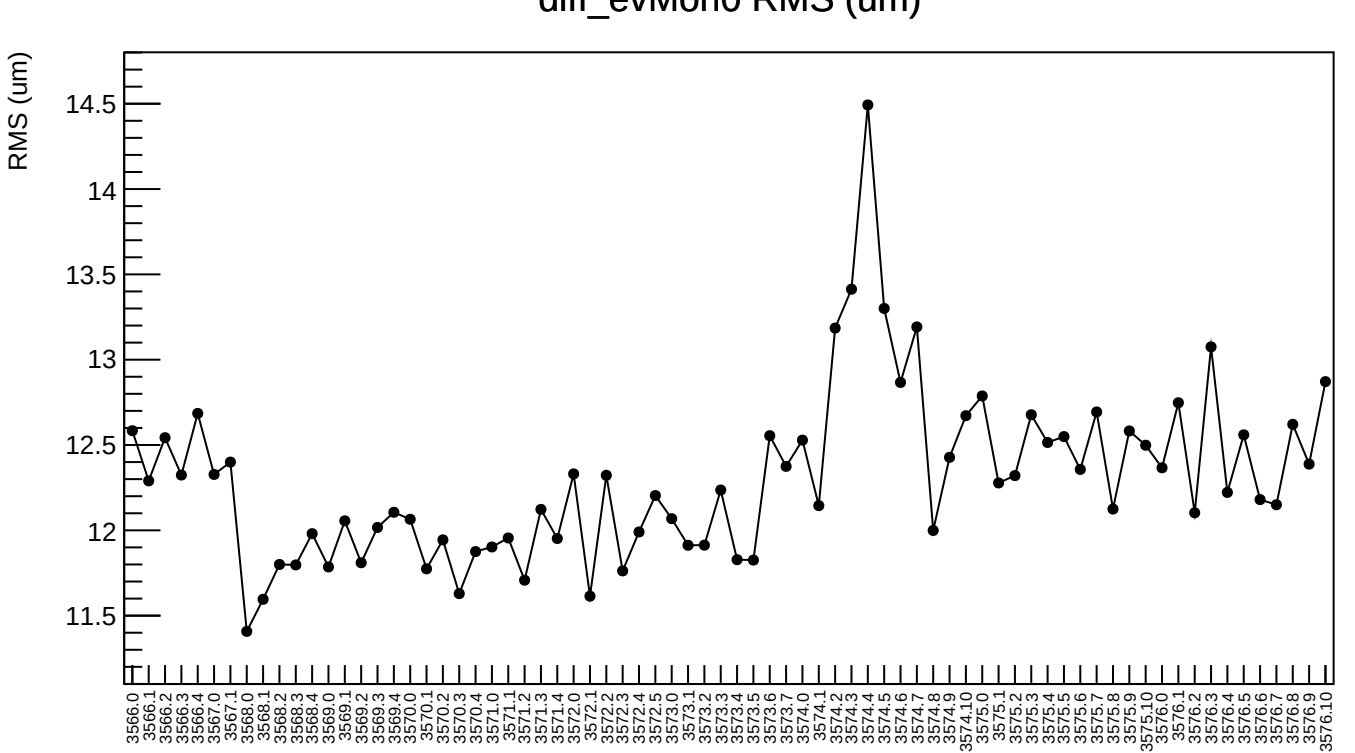

lagr_asym_usl (ppb)
χ² / ndf 42.76 / 73
p0 −532.6 ± 240.8

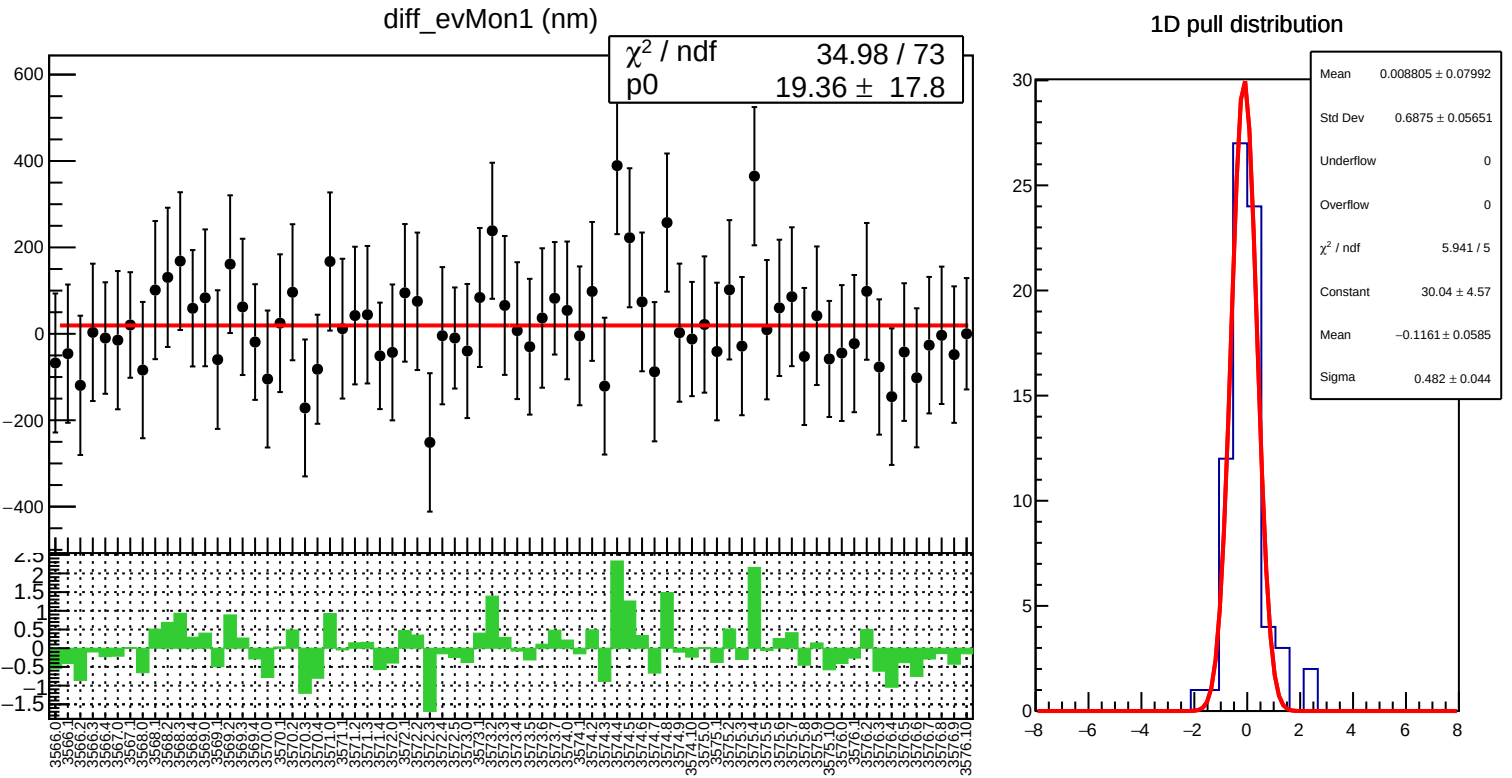

1D pull distribution
Mean −0.002507 ± 0.08837
Std Dev 0.7602 ± 0.06249
Underflow 0
Overflow 0
χ² / ndf 2.703 / 5
Constant 21.23 ± 3.38
Mean 0.00691 ± 0.08608
Sigma 0.7163 ± 0.0782

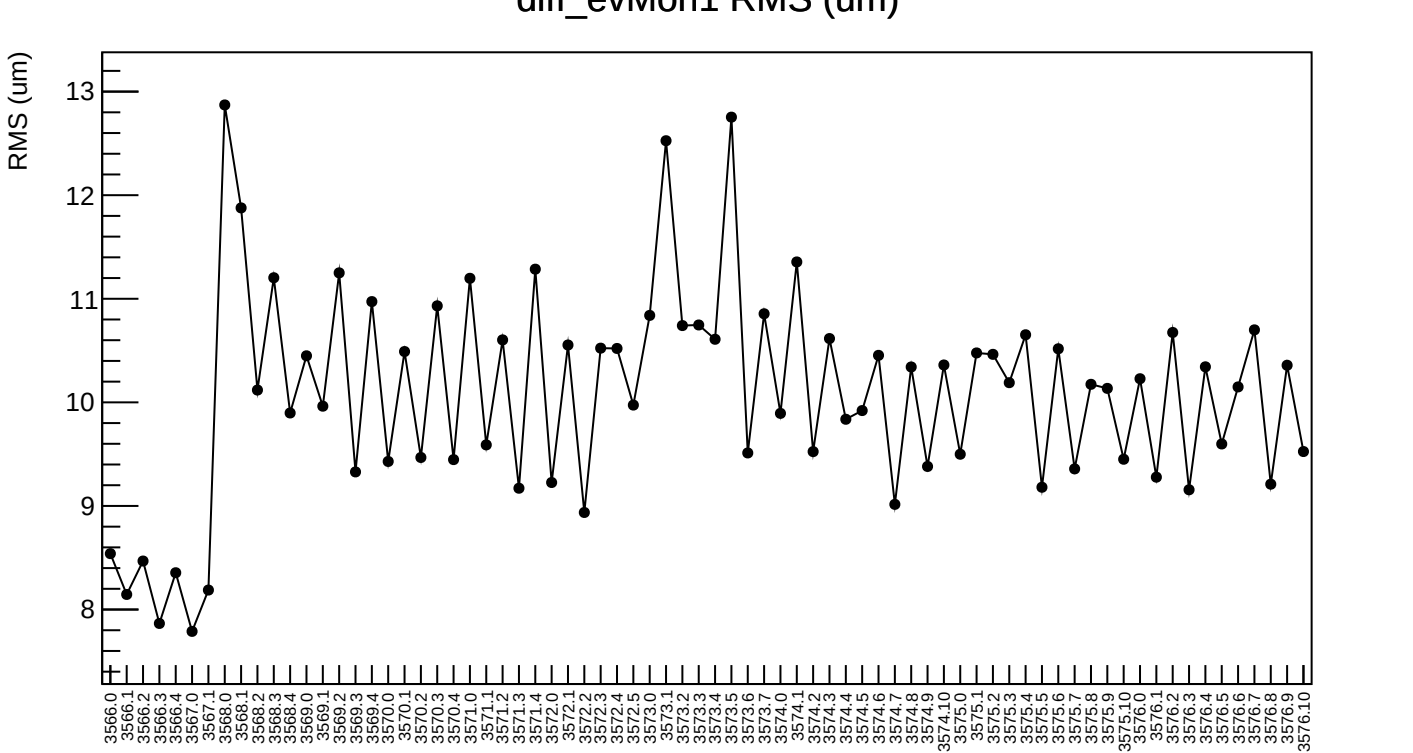

lagr_asym_usl RMS (ppm)
RMS (ppm)
150
149
148
147
146
145
144
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

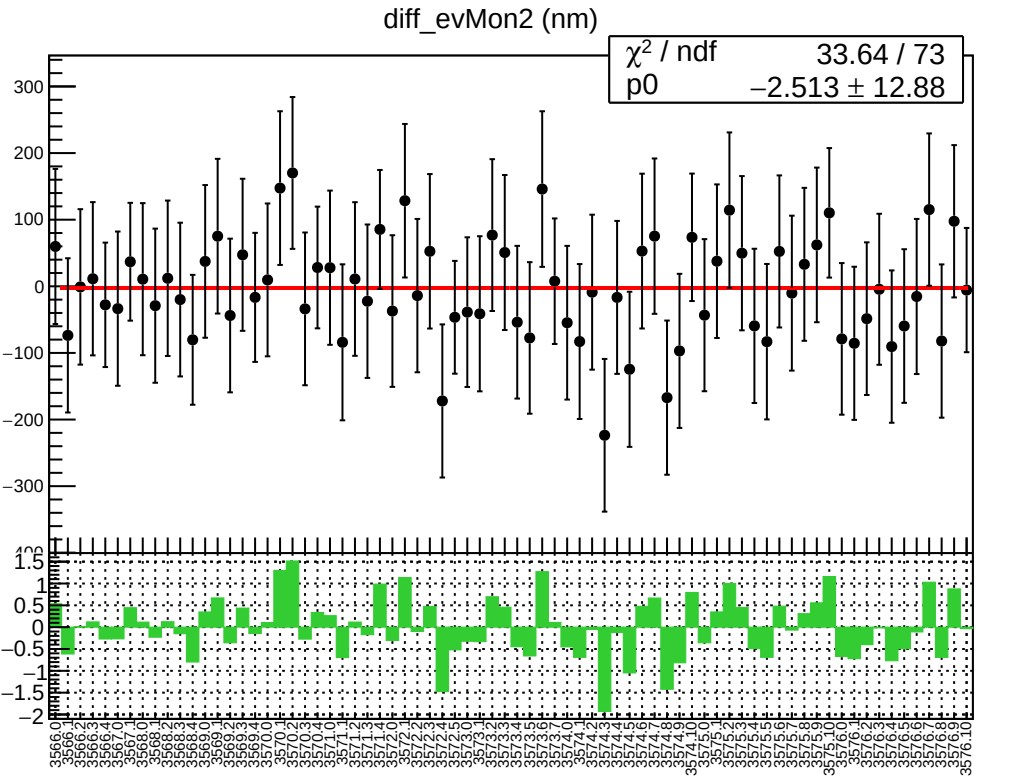

diff_evMon0 (nm)
χ² / ndf 17.64 / 73
p0 −29.18 ± 27.27

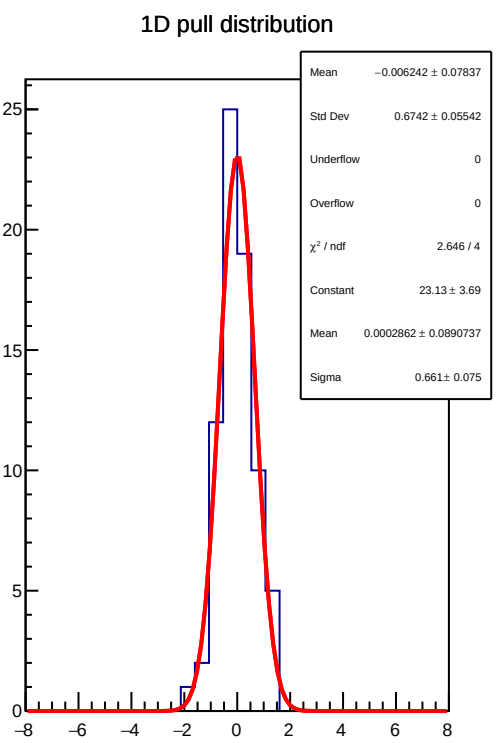

1D pull distribution
Mean −0.001474 ± 0.05675
Std Dev 0.4882 ± 0.04013
Underflow 0
Overflow 0
χ² / ndf 1.393 / 3
Constant 30.33 ± 4.44
Mean −0.007363 ± 0.061358
Sigma 0.5098 ± 0.0453

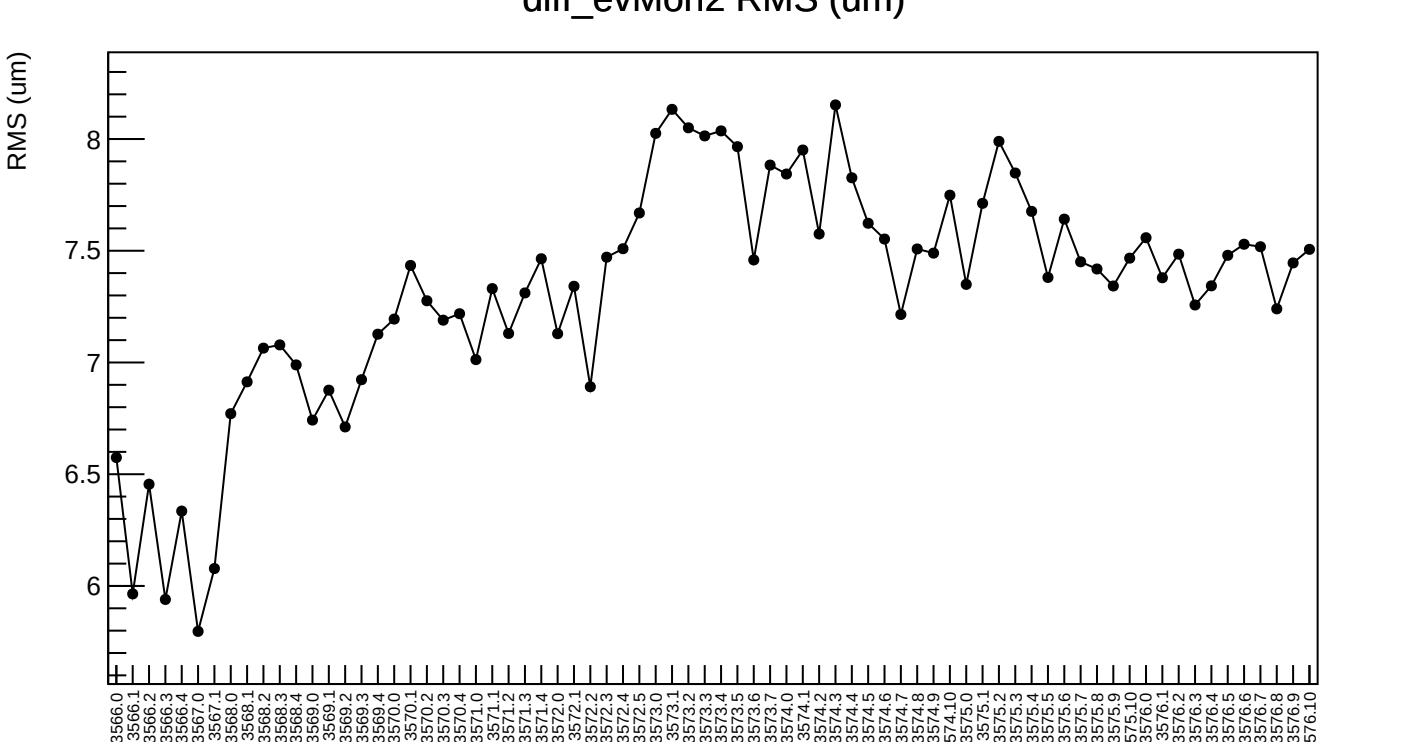

diff_evMon0 RMS (um)
RMS (um)
14.5
14
13.5
13
12.5
12
11.5
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

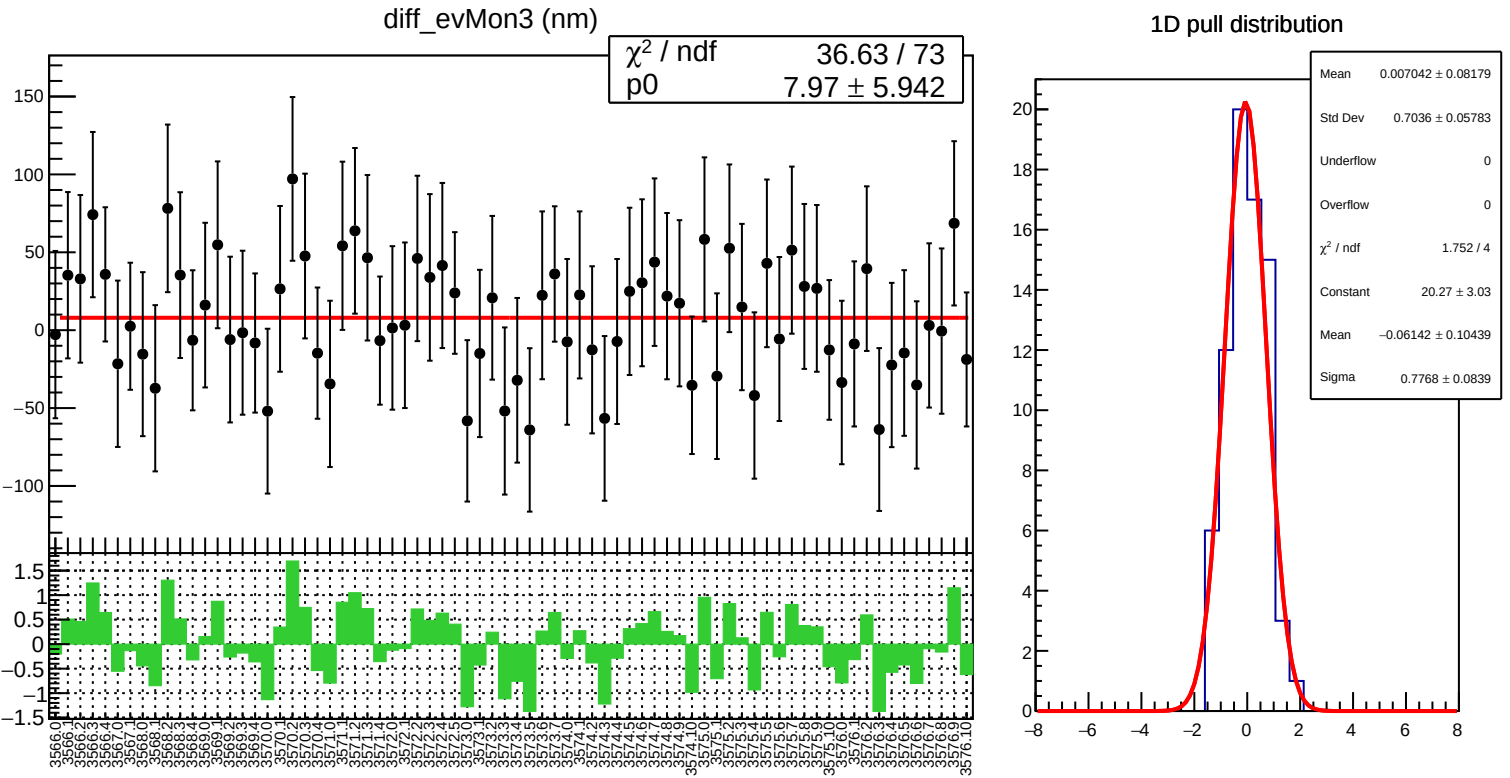

diff_evMon1 (nm)
χ² / ndf 34.98 / 73
p0 19.36 ± 17.8
1D pull distribution
Mean 0.008805 ± 0.07992
Std Dev 0.6875 ± 0.05651
Underflow 0
Overflow 0
χ² / ndf 5.941 / 5
Constant 30.04 ± 4.57
Mean −0.1161 ± 0.0585
Sigma 0.482 ± 0.044

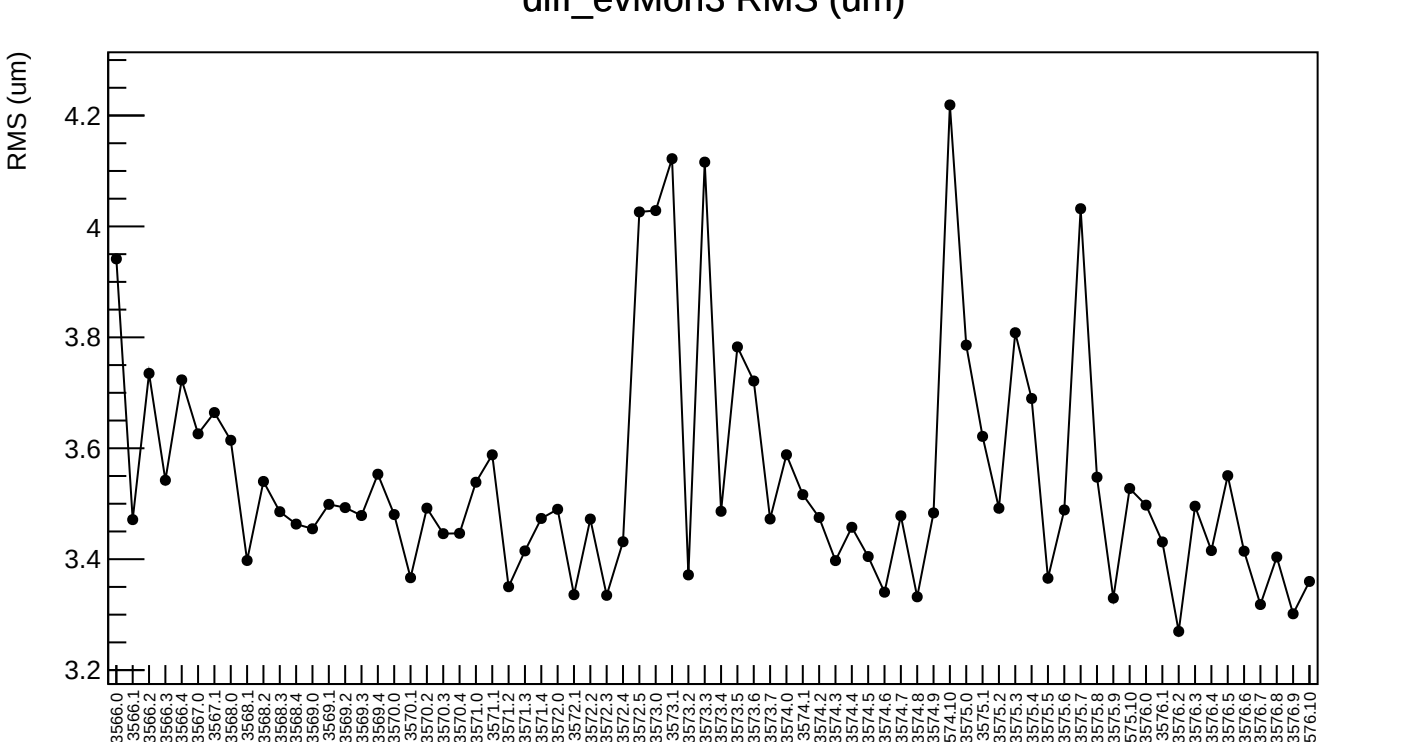

diff_evMon1 RMS (um)
RMS (um)
13
12
11
10
9
8
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

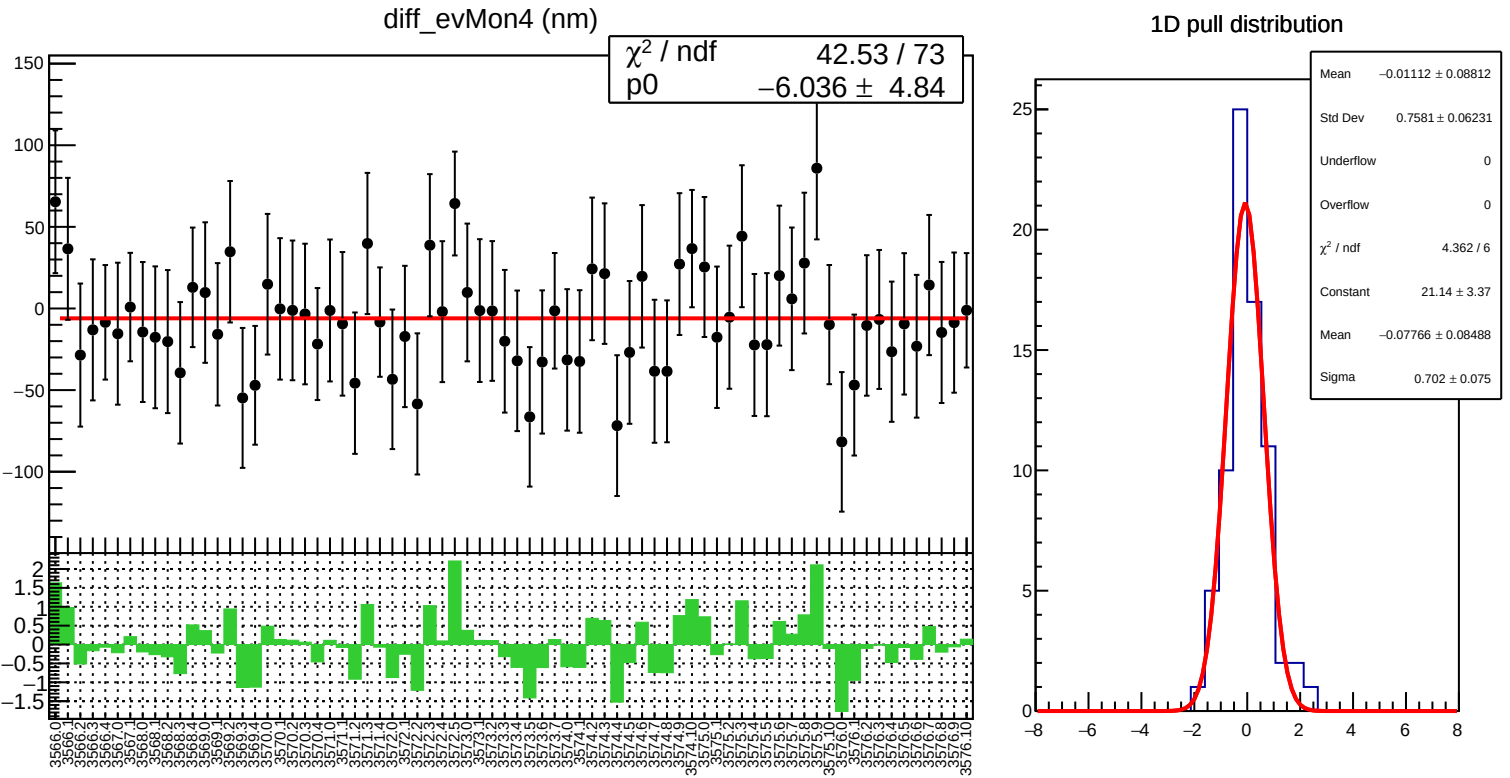

diff_evMon2 (nm)
χ² / ndf 33.64 / 73
p0 −2.513 ± 12.88

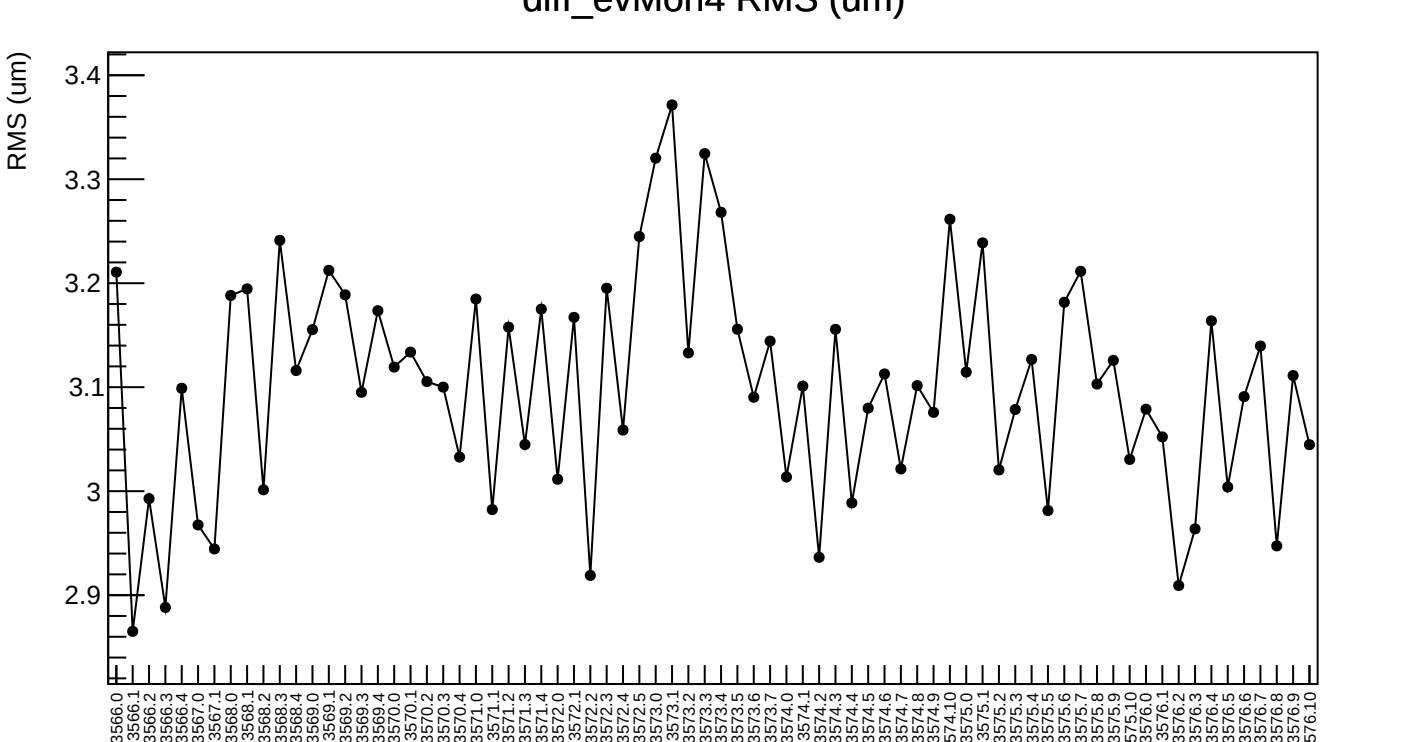

1D pull distribution
Mean −0.006242 ± 0.07837
Std Dev 0.6742 ± 0.05542
Underflow 0
Overflow 0
χ² / ndf 2.646 / 4
Constant 23.13 ± 3.69
Mean 0.0002862 ± 0.0890737
Sigma 0.661± 0.075

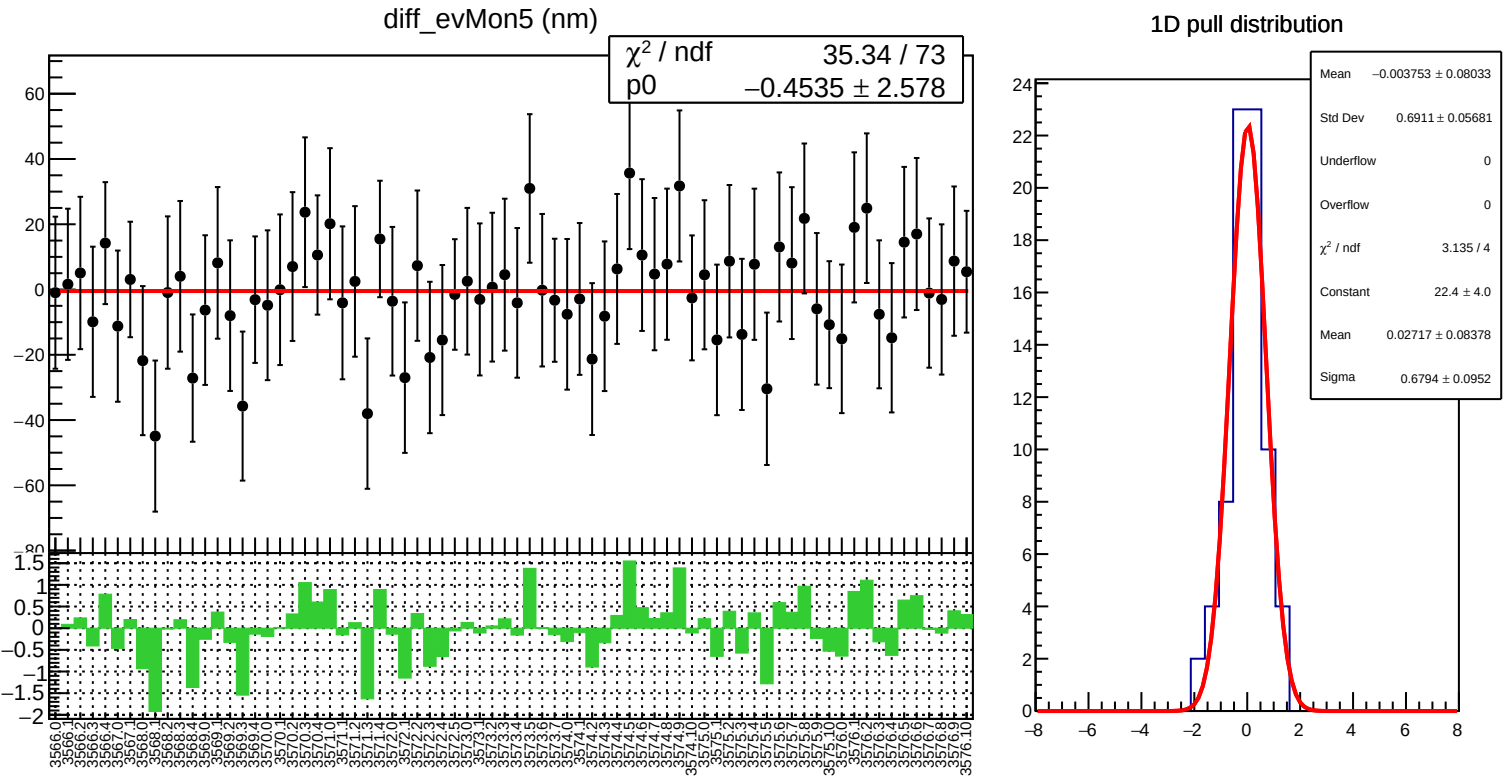

diff_evMon2 RMS (um)
RMS (um)
8
7.5
7
6.5
6
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

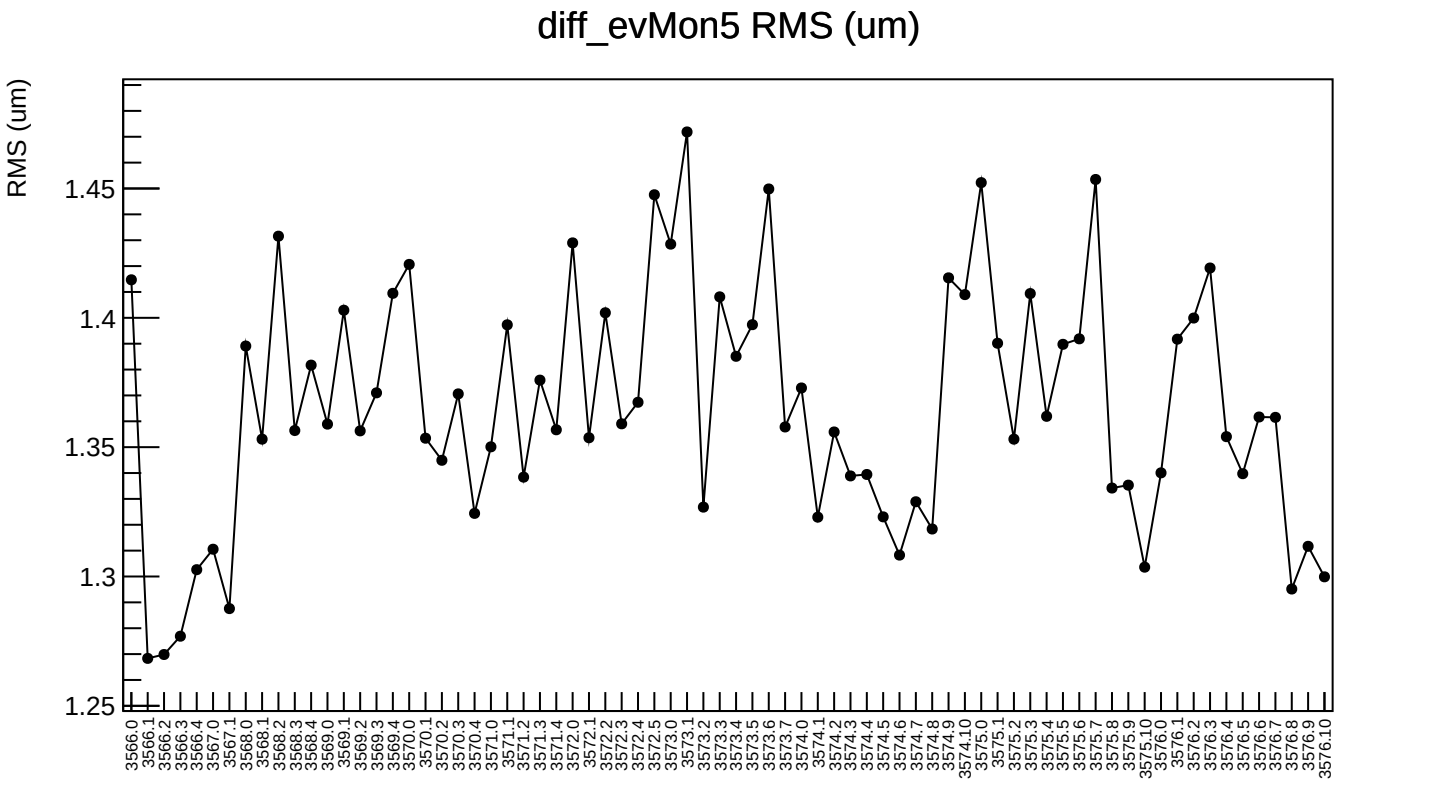

diff_evMon3 (nm)
χ² / ndf 36.63 / 73
p0 7.97 ± 5.942
1D pull distribution
Mean 0.007042 ± 0.08179
Std Dev 0.7036 ± 0.05783
Underflow 0
Overflow 0
χ² / ndf 1.752 / 4
Constant 20.27 ± 3.03
Mean −0.06142 ± 0.10439
Sigma 0.7768 ± 0.0839

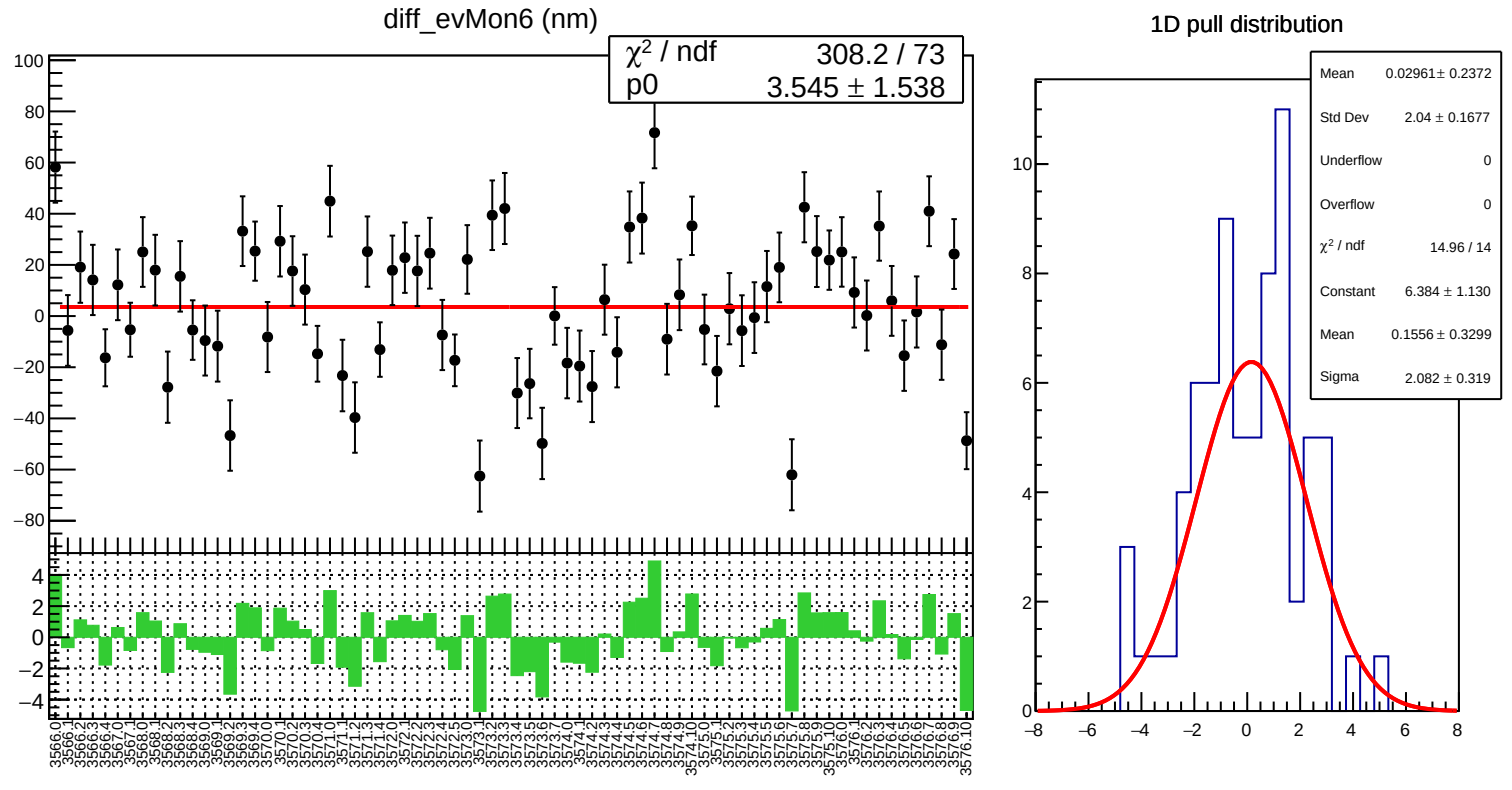

diff_evMon3 RMS (um)
RMS (um)
4.2
4
3.8
3.6
3.4
3.2
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

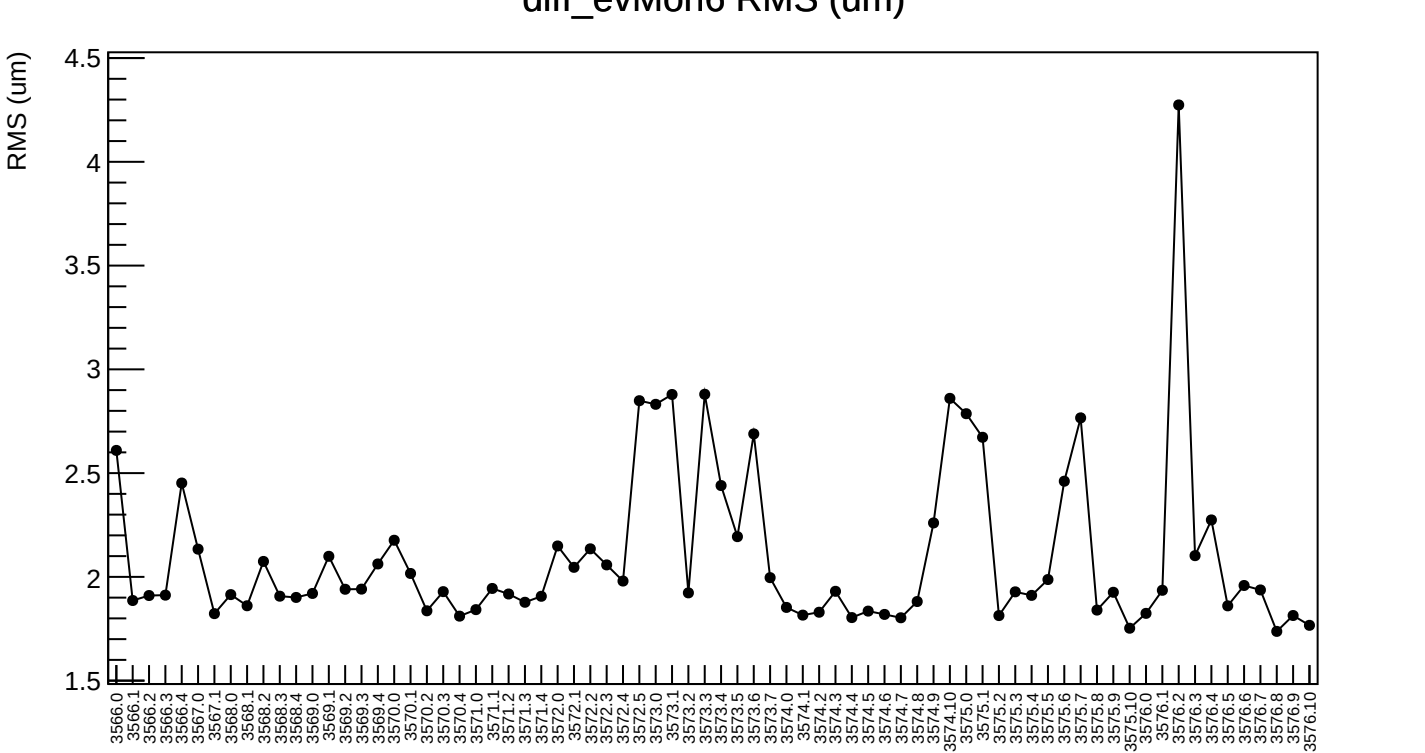

diff_evMon4 (nm)
χ² / ndf 42.53 / 73
p0 −6.036 ± 4.84
1D pull distribution
Mean −0.01112 ± 0.08812
Std Dev 0.7581 ± 0.06231
Underflow 0
Overflow 0
χ² / ndf 4.362 / 6
Constant 21.14 ± 3.37
Mean −0.07766 ± 0.08488
Sigma 0.702 ± 0.075

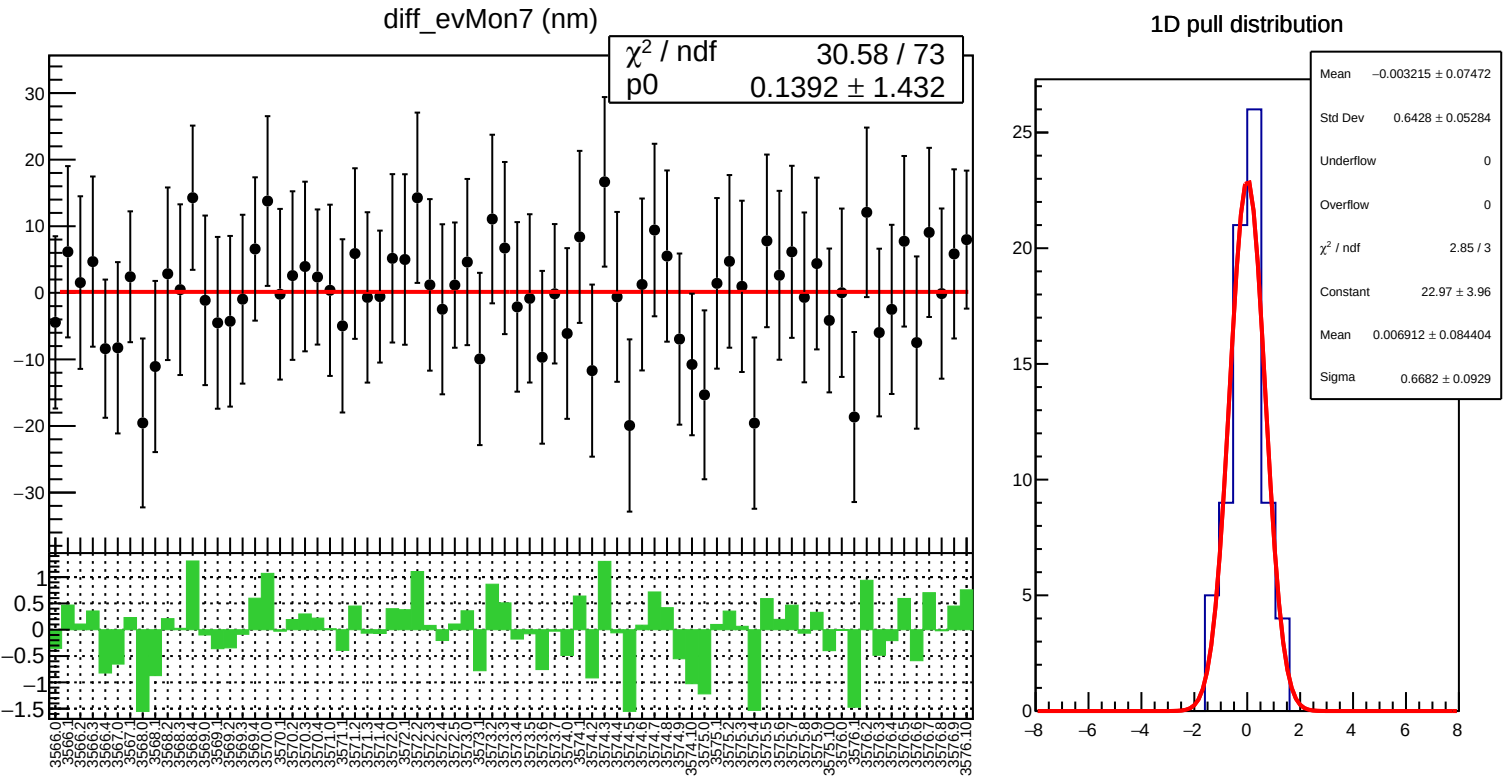

diff_evMon4 RMS (um)
RMS (um)
3.4
3.3
3.2
3.1
3
2.9
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

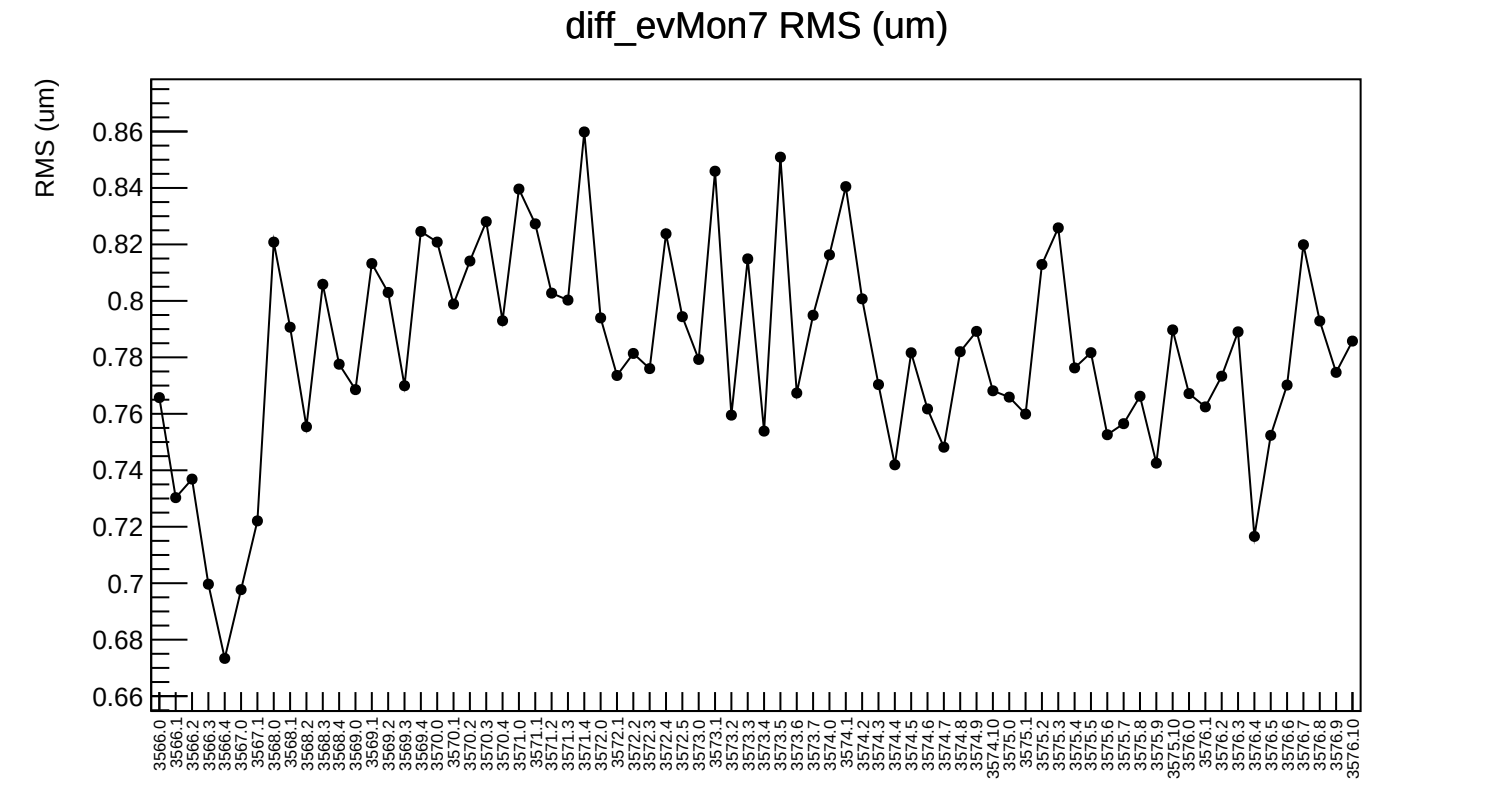

diff_evMon5 (nm)
χ² / ndf 35.34 / 73
p0 −0.4535 ± 2.578
1D pull distribution
Mean −0.003753 ± 0.08033
Std Dev 0.6911 ± 0.05681
Underflow 0
Overflow 0
χ² / ndf 3.135 / 4
Constant 22.4 ± 4.0
Mean 0.02717 ± 0.08378
Sigma 0.6794 ± 0.0952

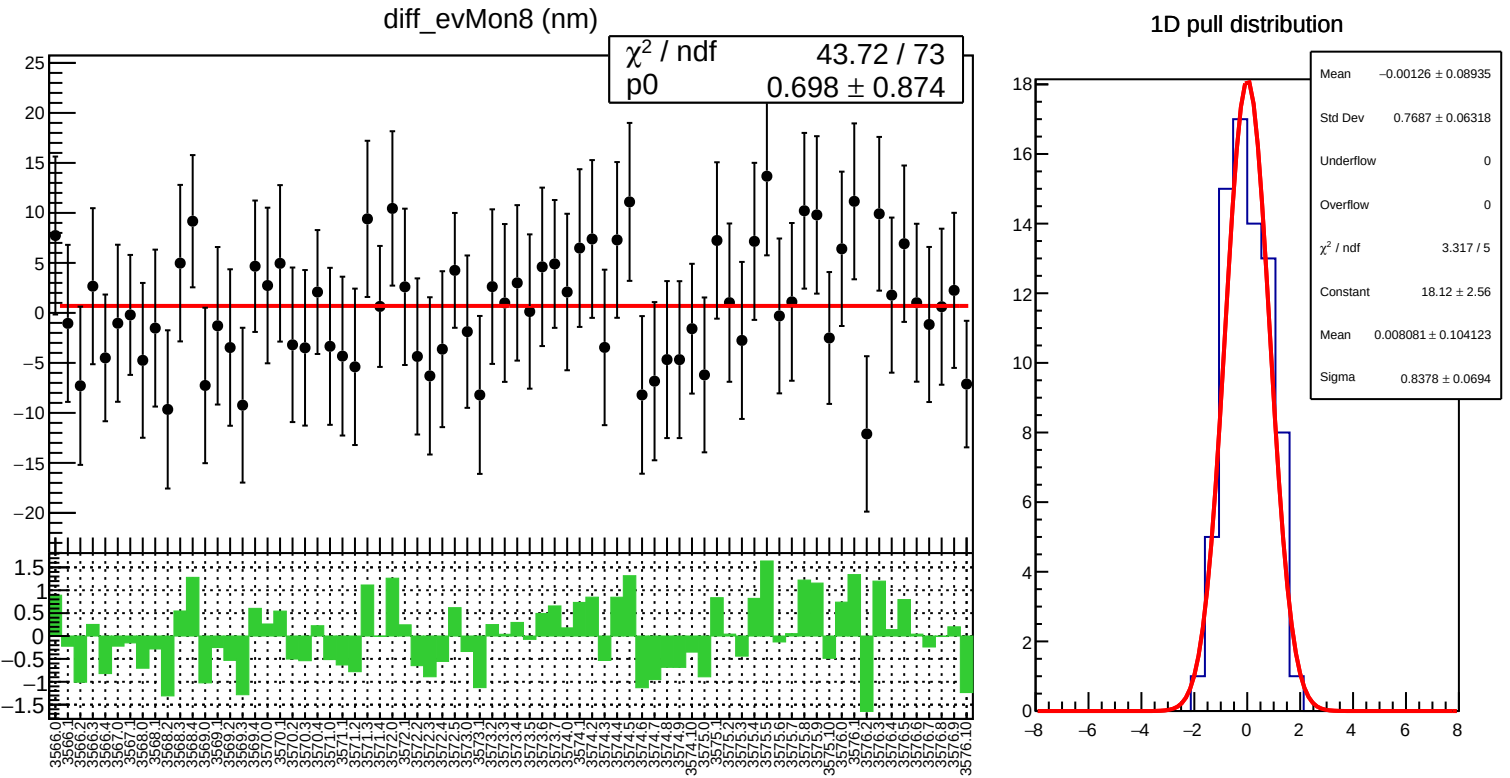

diff_evMon5 RMS (um)
RMS (um)
1.45
1.4
1.35
1.3
1.25
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

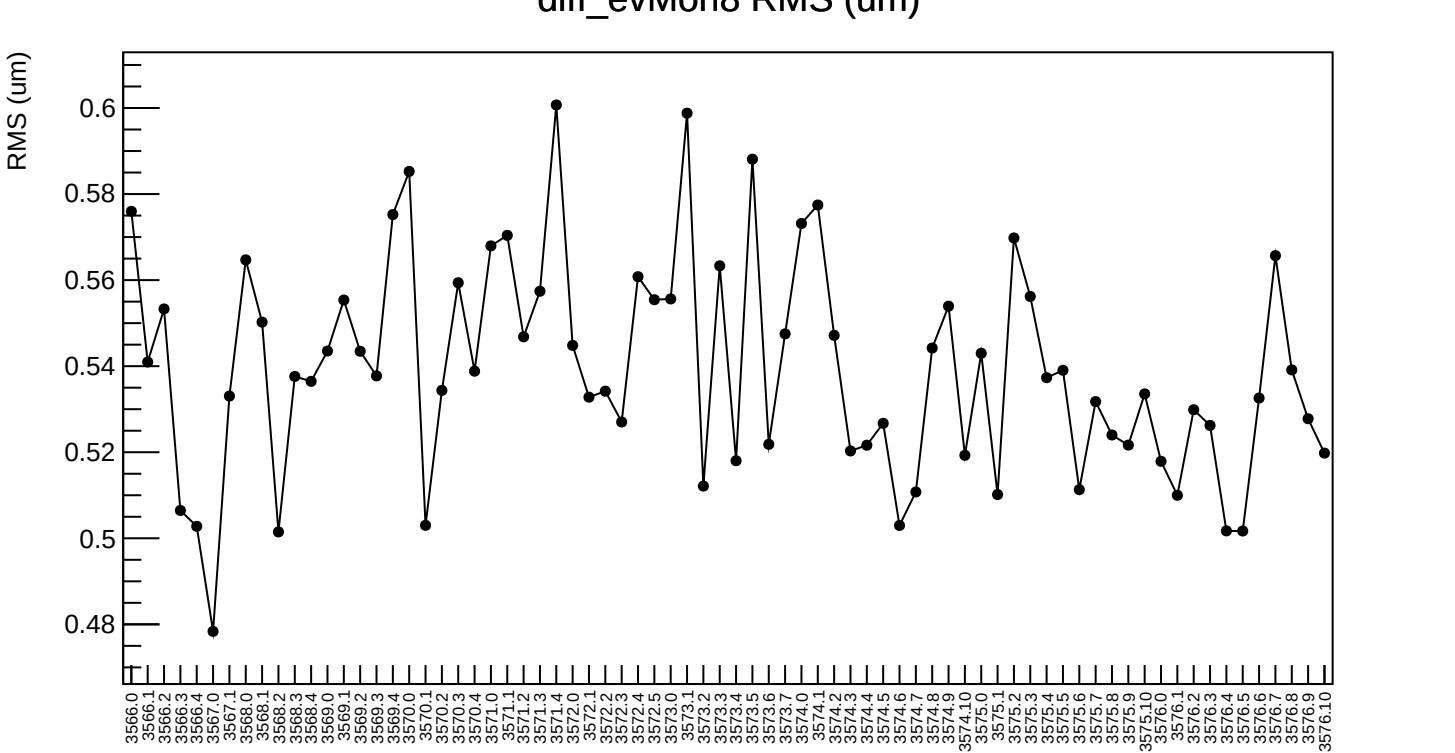

diff_evMon6 (nm)
χ² / ndf 308.2 / 73
p0 3.545 ± 1.538
1D pull distribution
Mean 0.02961± 0.2372
Std Dev 2.04 ± 0.1677
Underflow 0
Overflow 0
χ² / ndf 14.96 / 14
Constant 6.384 ± 1.130
Mean 0.1556 ± 0.3299
Sigma 2.082 ± 0.319

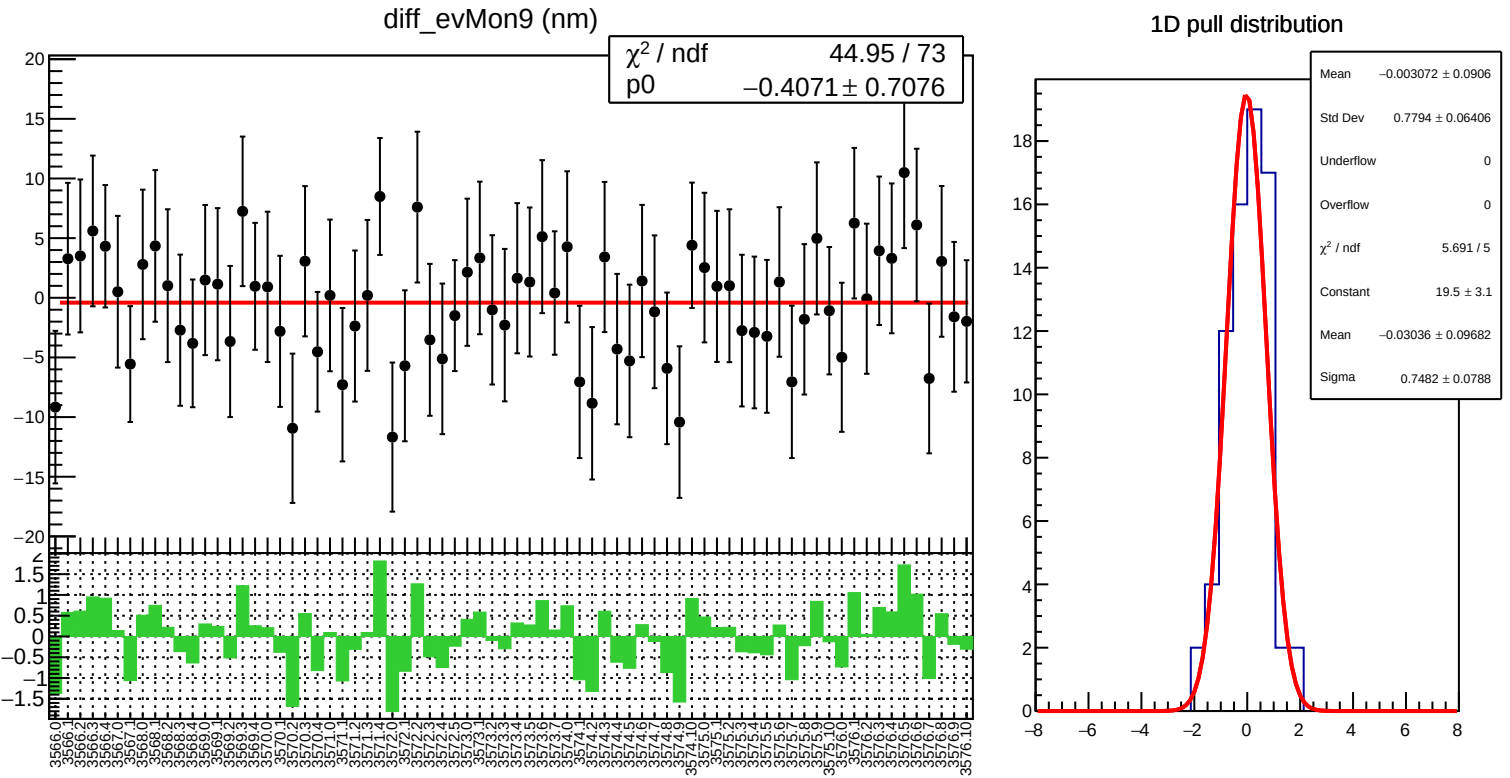

diff_evMon6 RMS (um)
RMS (um)
4.5
4
3.5
3
2.5
2
1.5
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

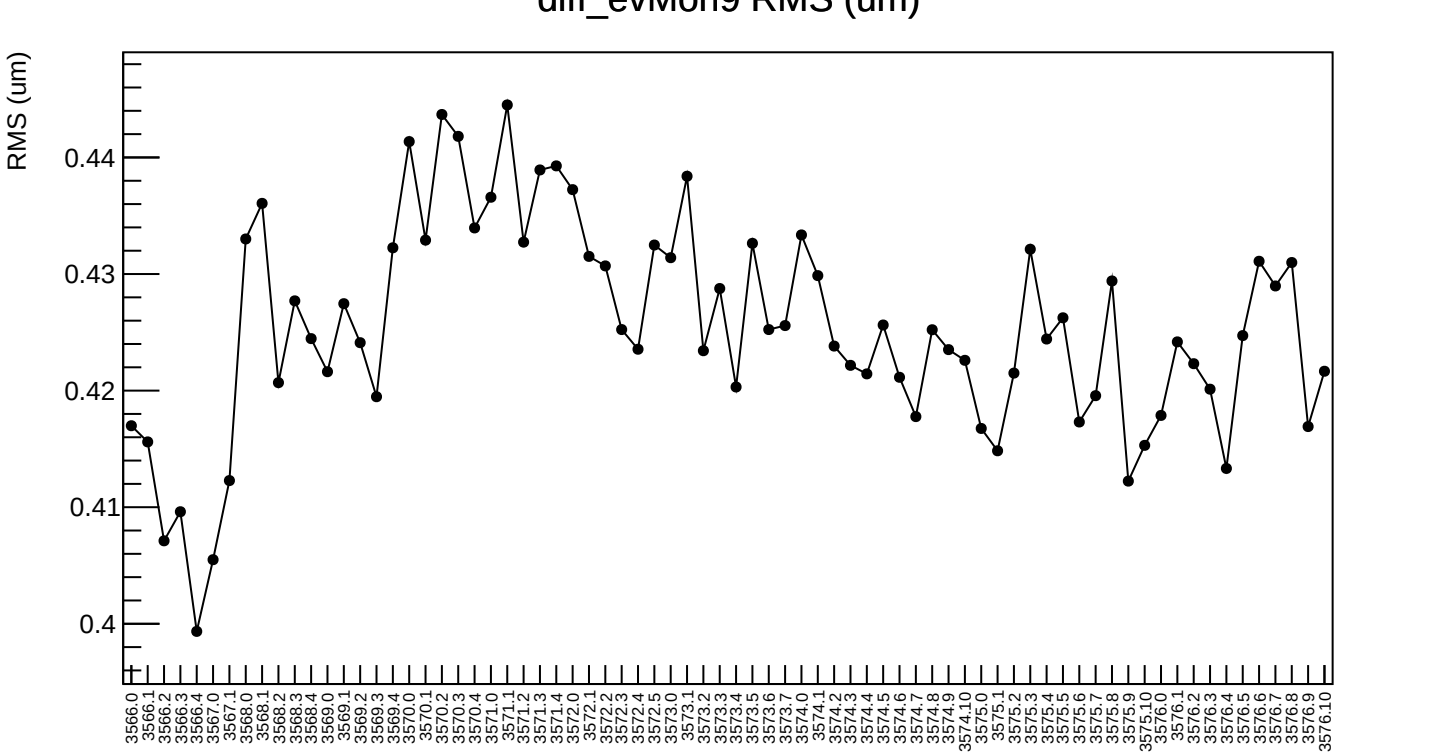

diff_evMon7 (nm)
χ² / ndf 30.58 / 73
p0 0.1392 ± 1.432
1D pull distribution
Mean −0.003215 ± 0.07472
Std Dev 0.6428 ± 0.05284
Underflow 0
Overflow 0
χ² / ndf 2.85 / 3
Constant 22.97 ± 3.96
Mean 0.006912 ± 0.084404
Sigma 0.6682 ± 0.0929

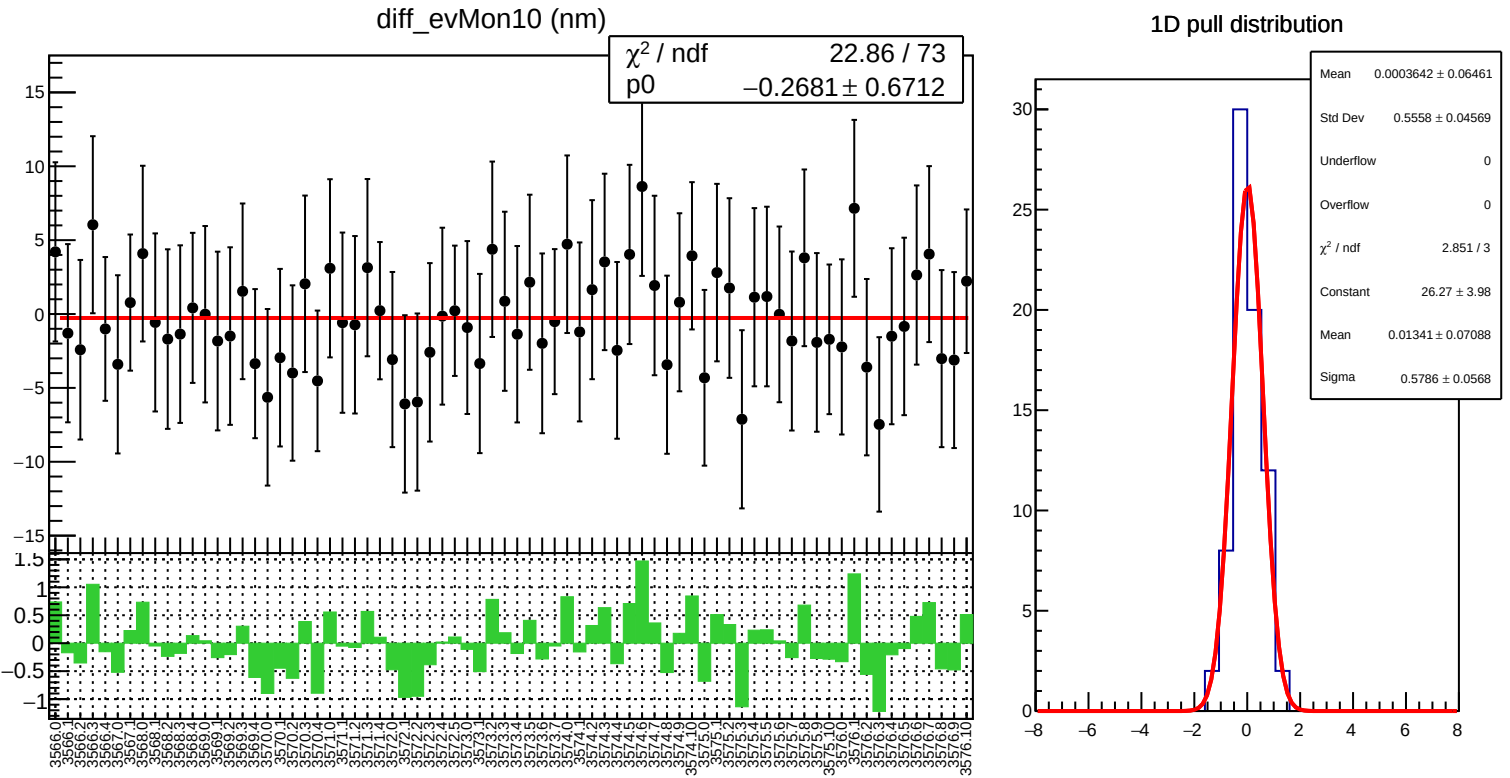

diff_evMon7 RMS (um)
RMS (um)
0.86
0.84
0.82
0.8
0.78
0.76
0.74
0.72
0.7
0.68
0.66
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

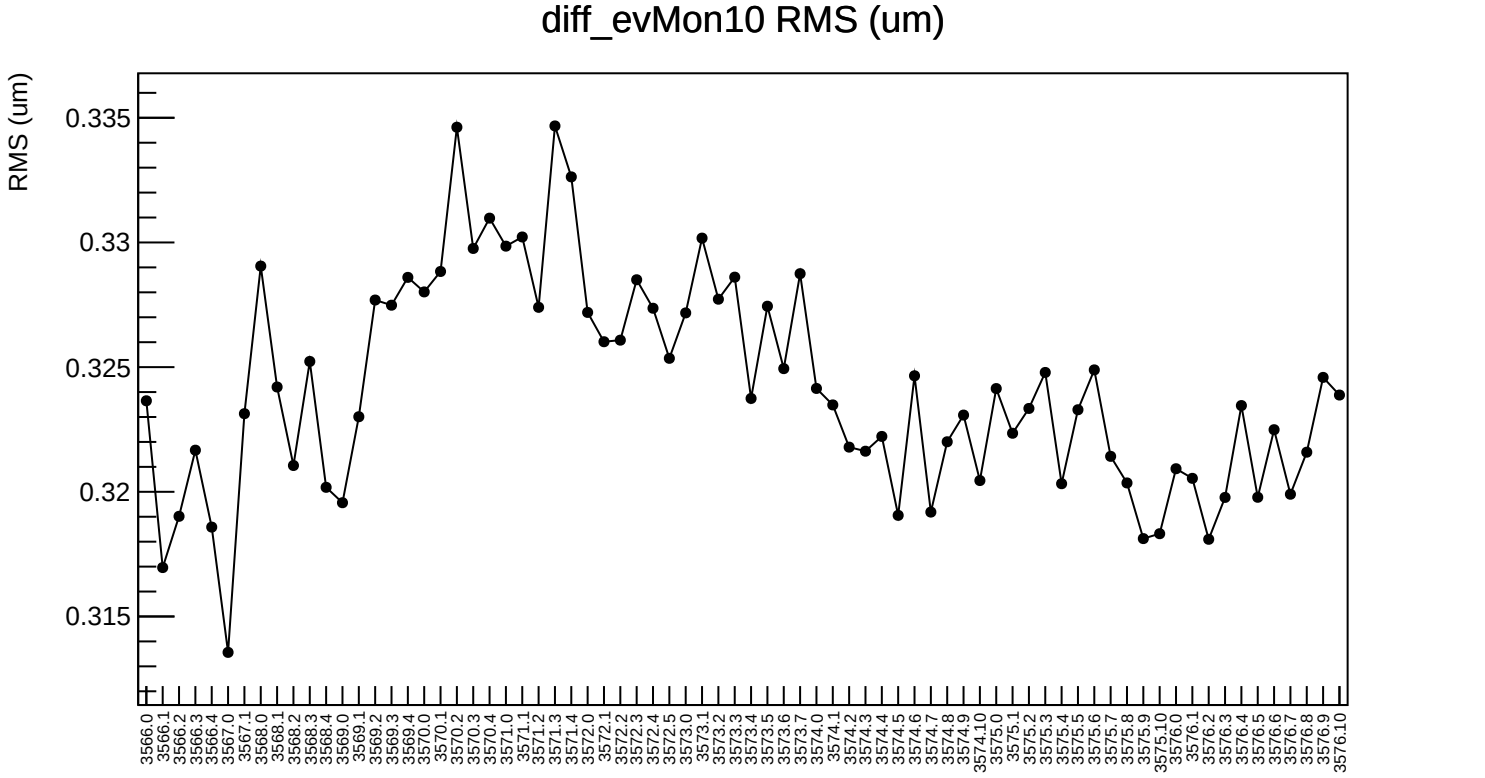

diff_evMon8 (nm)
χ² / ndf 43.72 / 73
p0 0.698 ± 0.874
1D pull distribution
Mean −0.00126 ± 0.08935
Std Dev 0.7687 ± 0.06318
Underflow 0
Overflow 0
χ² / ndf 3.317 / 5
Constant 18.12 ± 2.56
Mean 0.008081 ± 0.104123
Sigma 0.8378 ± 0.0694

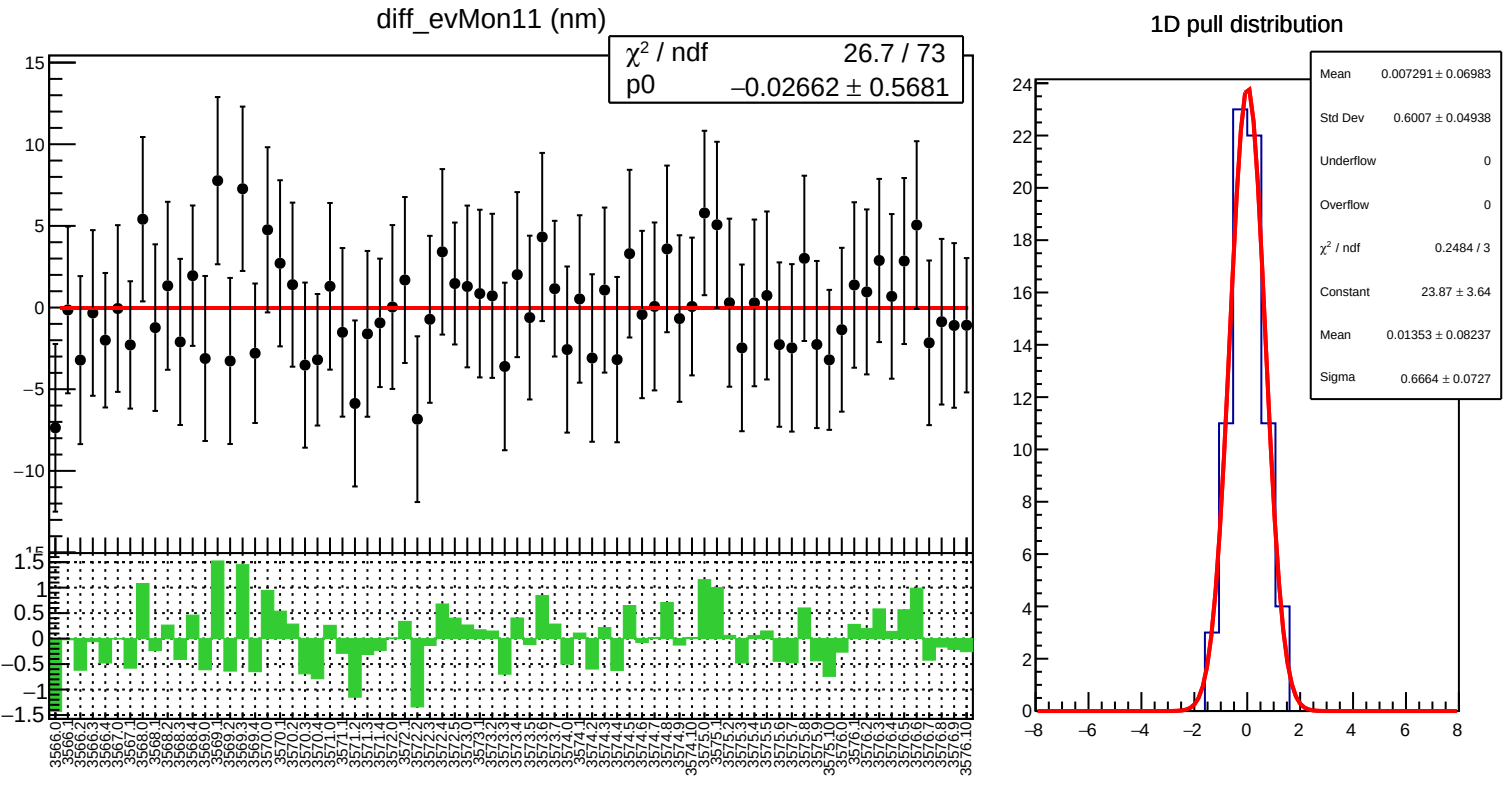

diff_evMon8 RMS (um)
RMS (um)
0.6
0.58
0.56
0.54
0.52
0.5
0.48
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

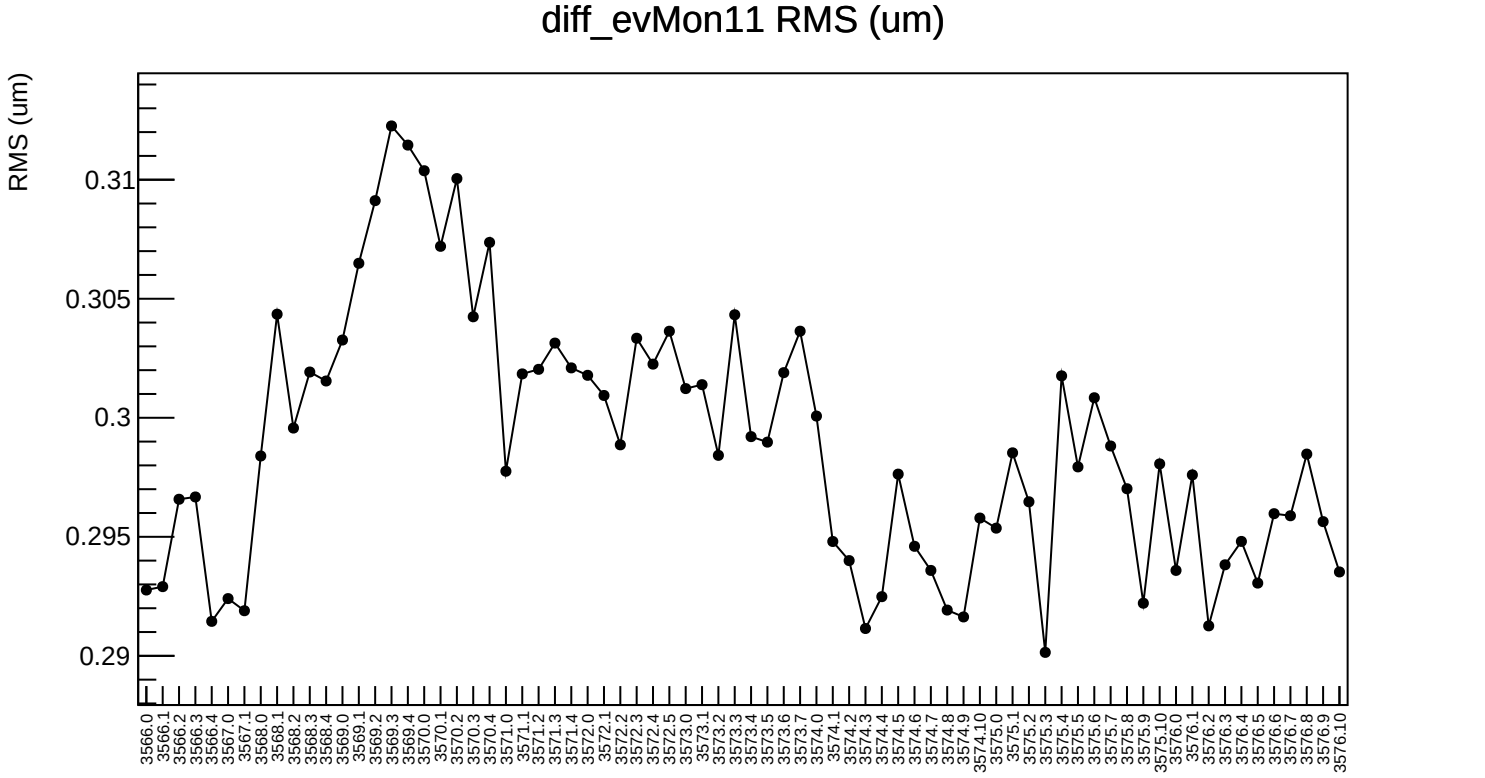

diff_evMon9 (nm)
χ² / ndf 44.95 / 73
p0 −0.4071 ± 0.7076
1D pull distribution
Mean −0.003072 ± 0.0906
Std Dev 0.7794 ± 0.06406
Underflow 0
Overflow 0
χ² / ndf 5.691 / 5
Constant 19.5 ± 3.1
Mean −0.03036 ± 0.09682
Sigma 0.7482 ± 0.0788

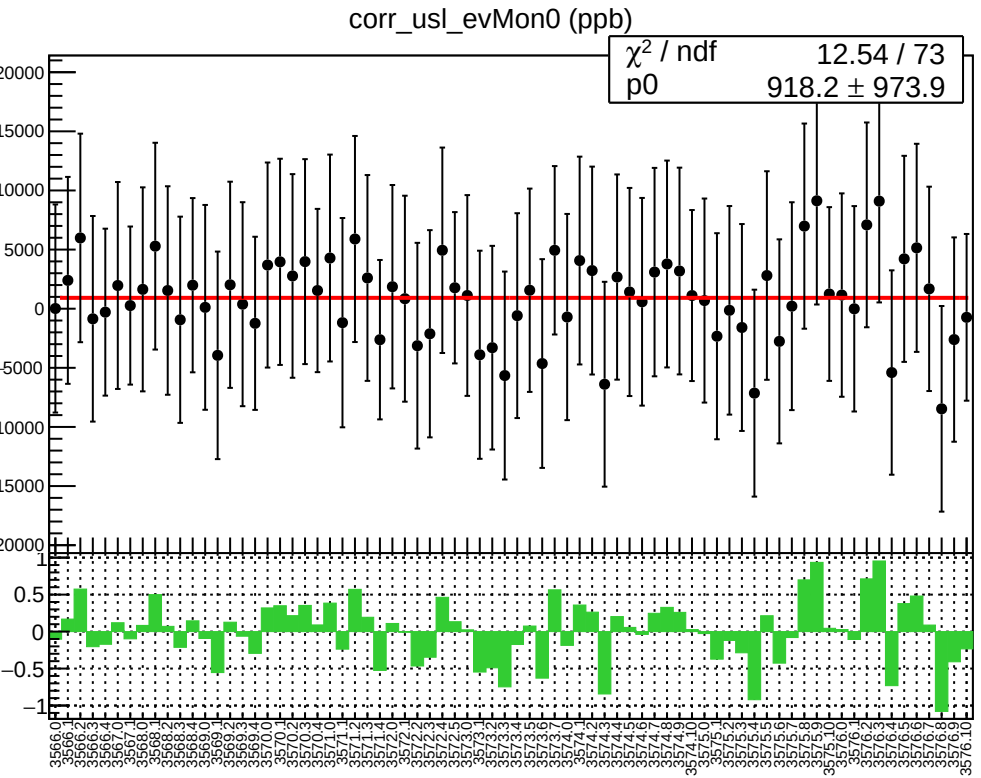

diff_evMon9 RMS (um)
RMS (um)
0.44
0.43
0.42
0.41
0.4
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

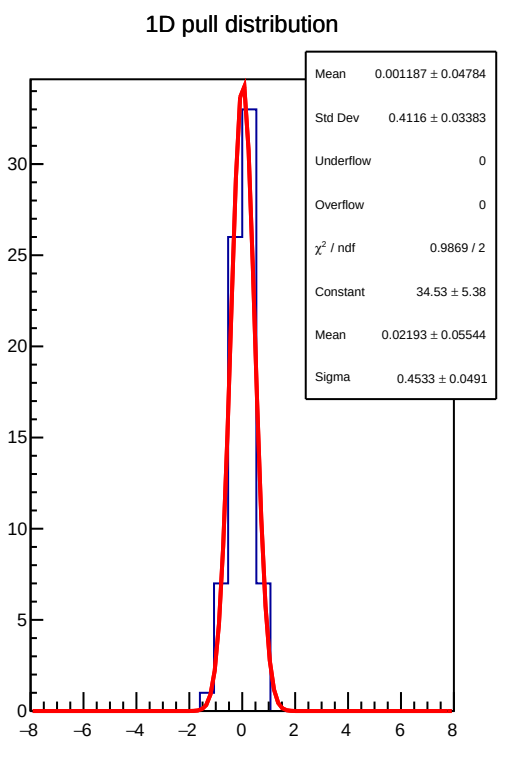

diff_evMon10 (nm)
χ² / ndf 22.86 / 73
p0 −0.2681 ± 0.6712
1D pull distribution
Mean 0.0003642 ± 0.06461
Std Dev 0.5558 ± 0.04569
Underflow 0
Overflow 0
χ² / ndf 2.851 / 3
Constant 26.27 ± 3.98
Mean 0.01341 ± 0.07088
Sigma 0.5786 ± 0.0568

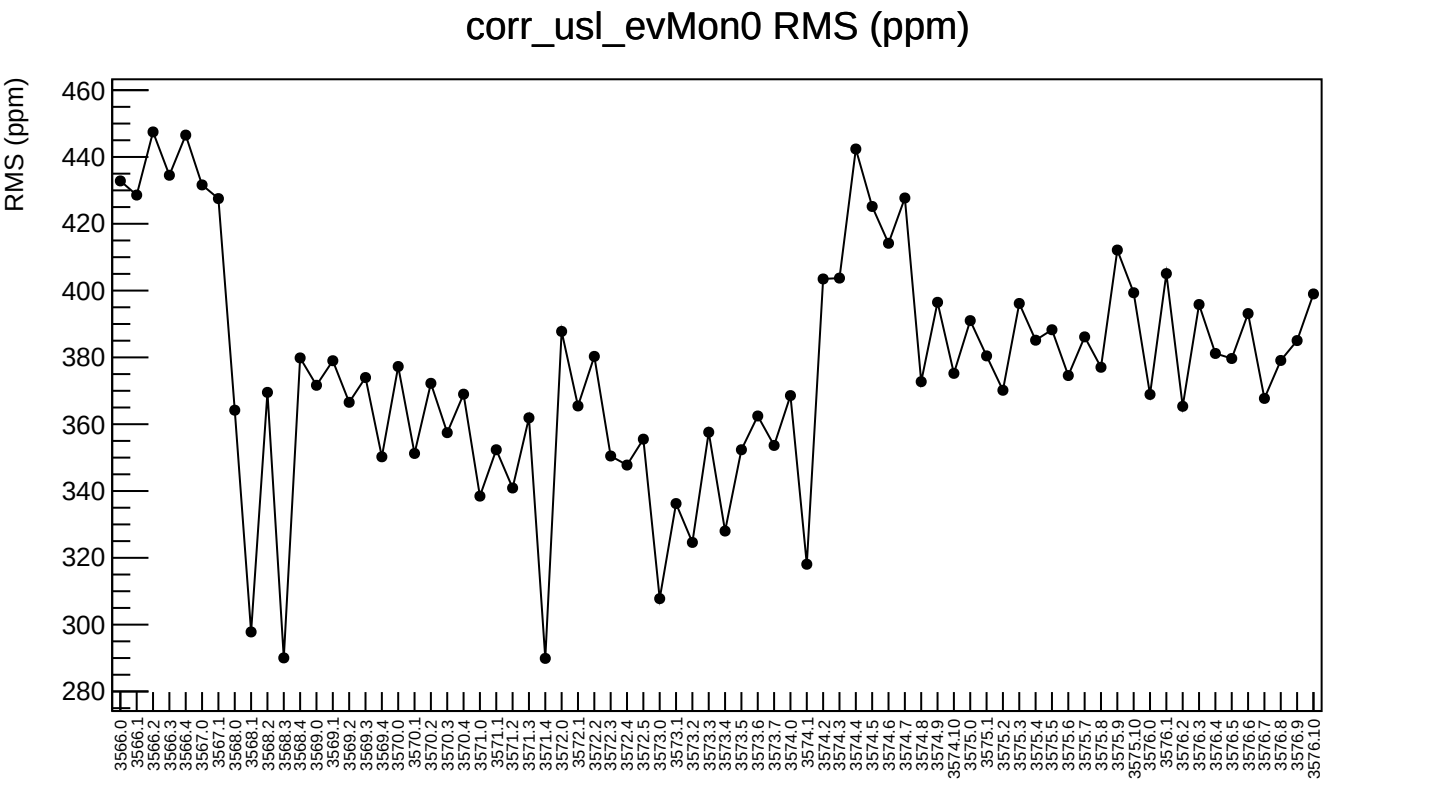

diff_evMon10 RMS (um)
RMS (um)
0.335
0.33
0.325
0.32
0.315
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

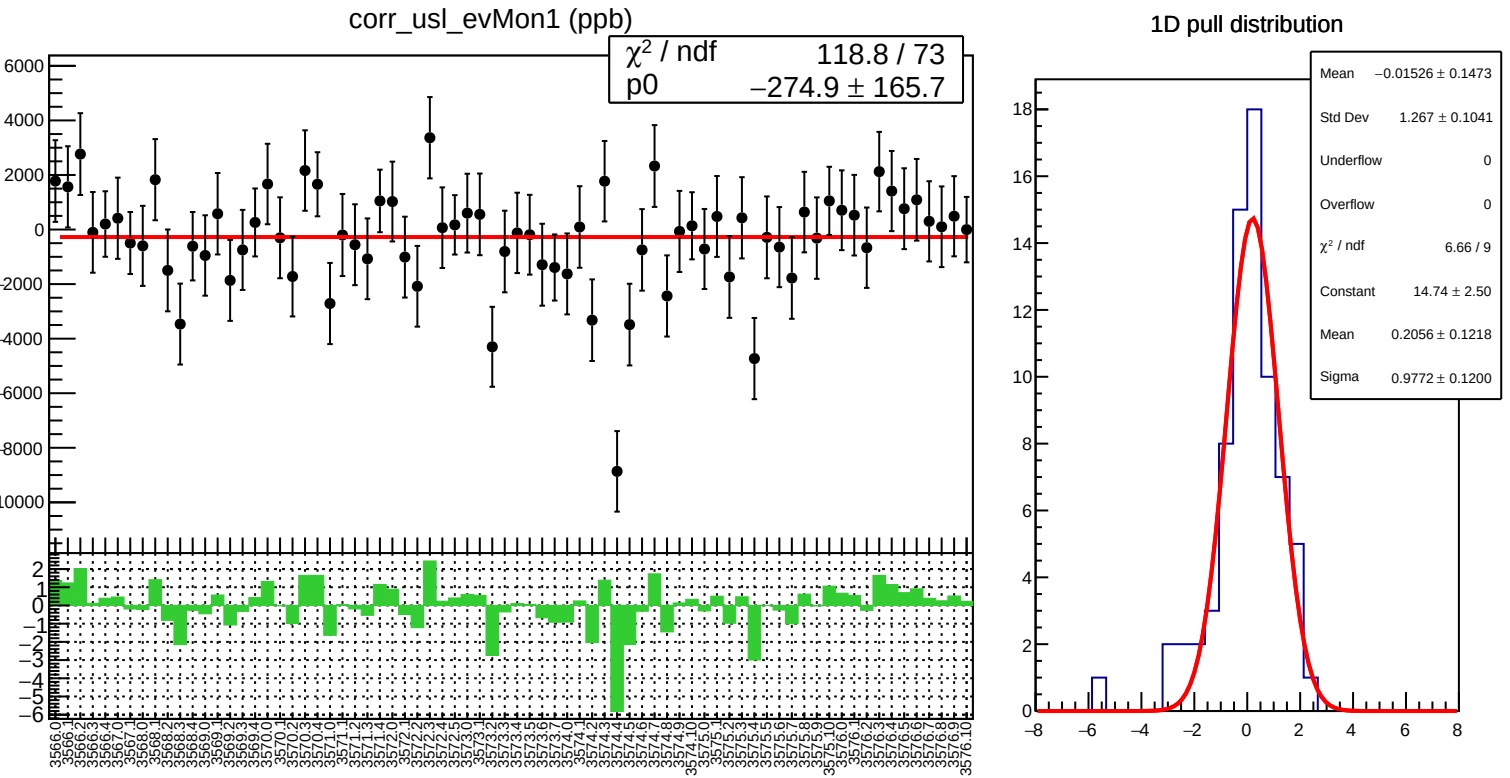

diff_evMon11 (nm)
χ² / ndf 26.7 / 73
p0 −0.02662 ± 0.5681
1D pull distribution
Mean 0.007291 ± 0.06983
Std Dev 0.6007 ± 0.04938
Underflow 0
Overflow 0
χ² / ndf 0.2484 / 3
Constant 23.87 ± 3.64
Mean 0.01353 ± 0.08237
Sigma 0.6664 ± 0.0727

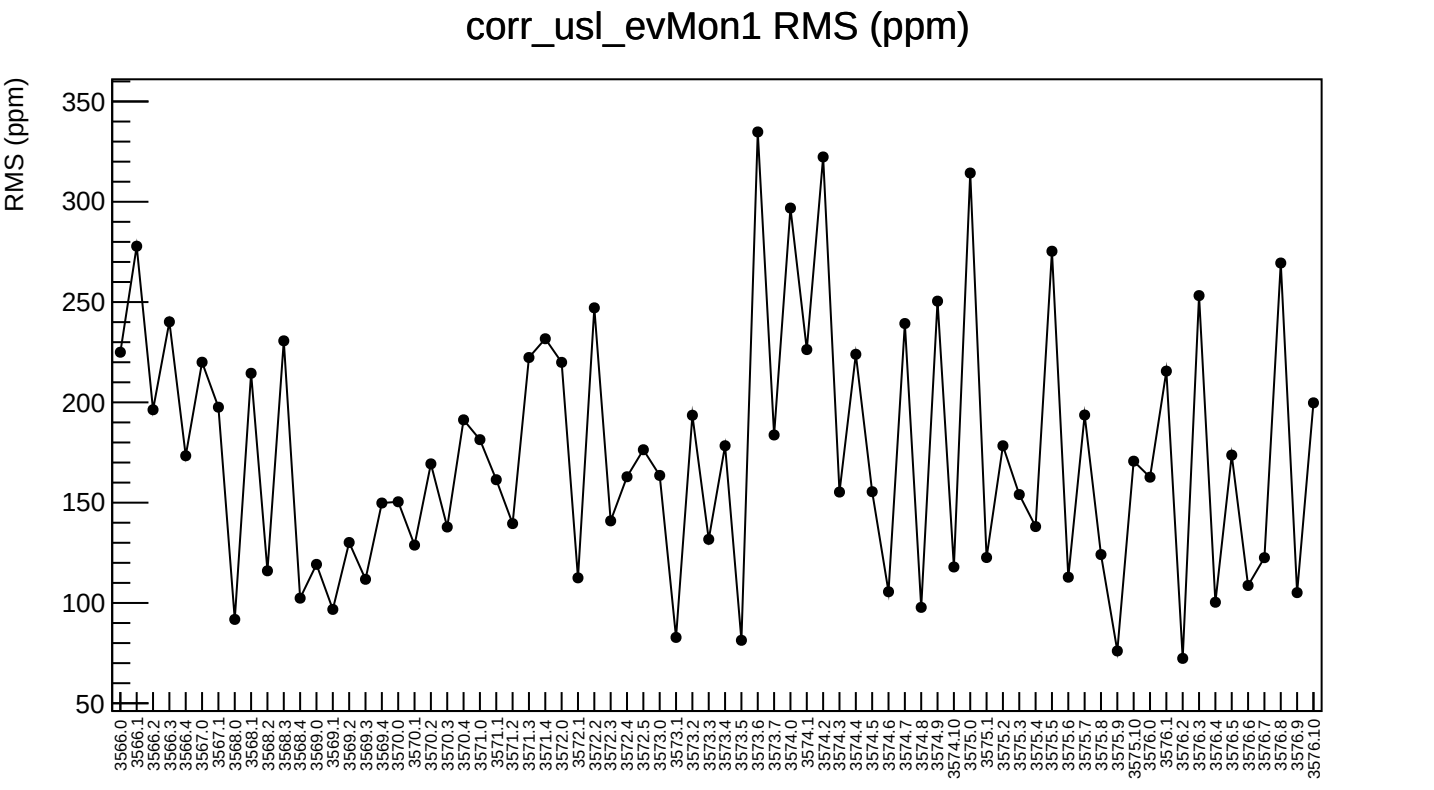

diff_evMon11 RMS (um)
RMS (um)
0.31
0.305
0.3
0.295
0.29
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

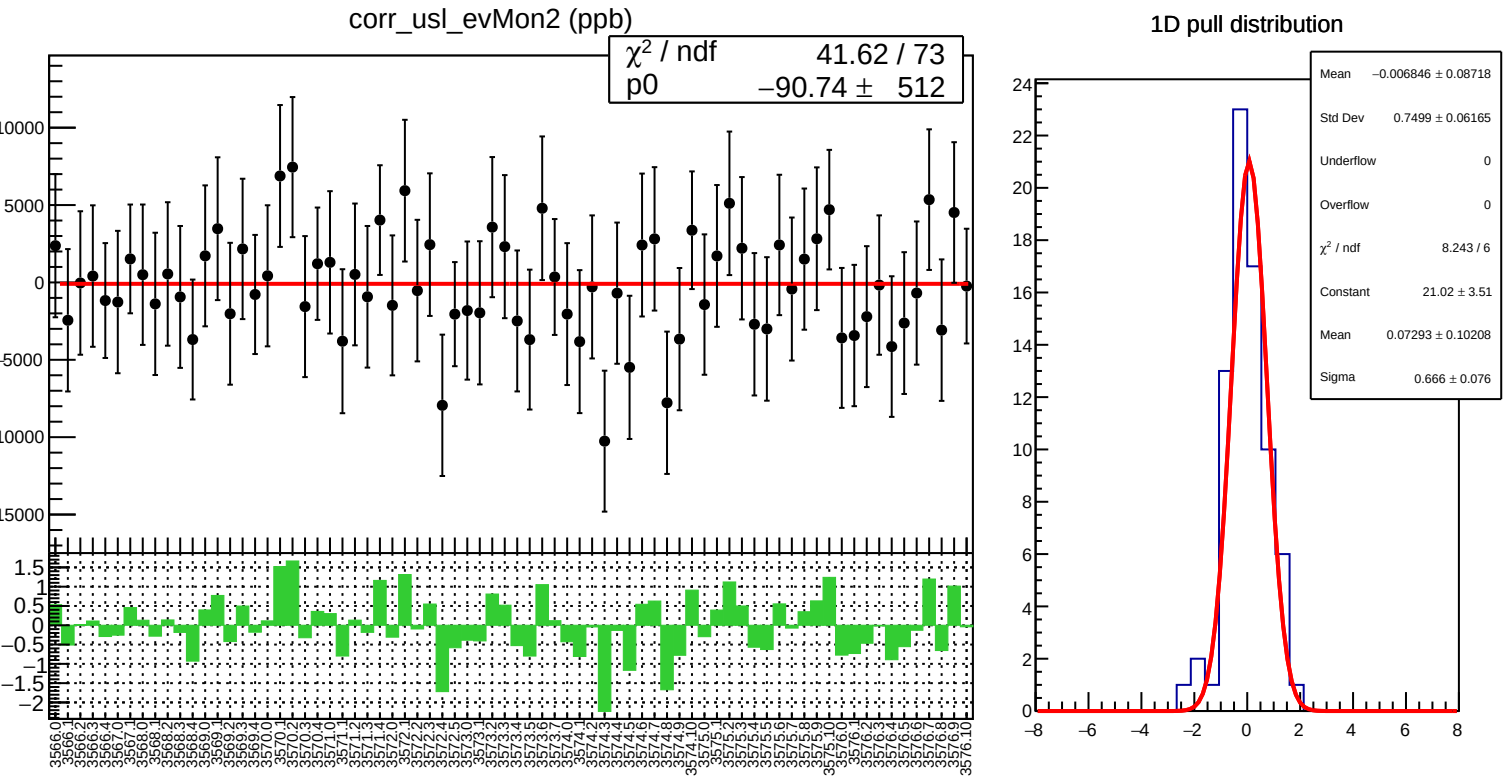

corr_usl_evMon0 (ppb)
χ² / ndf 12.54 / 73
p0 918.2 ± 973.9

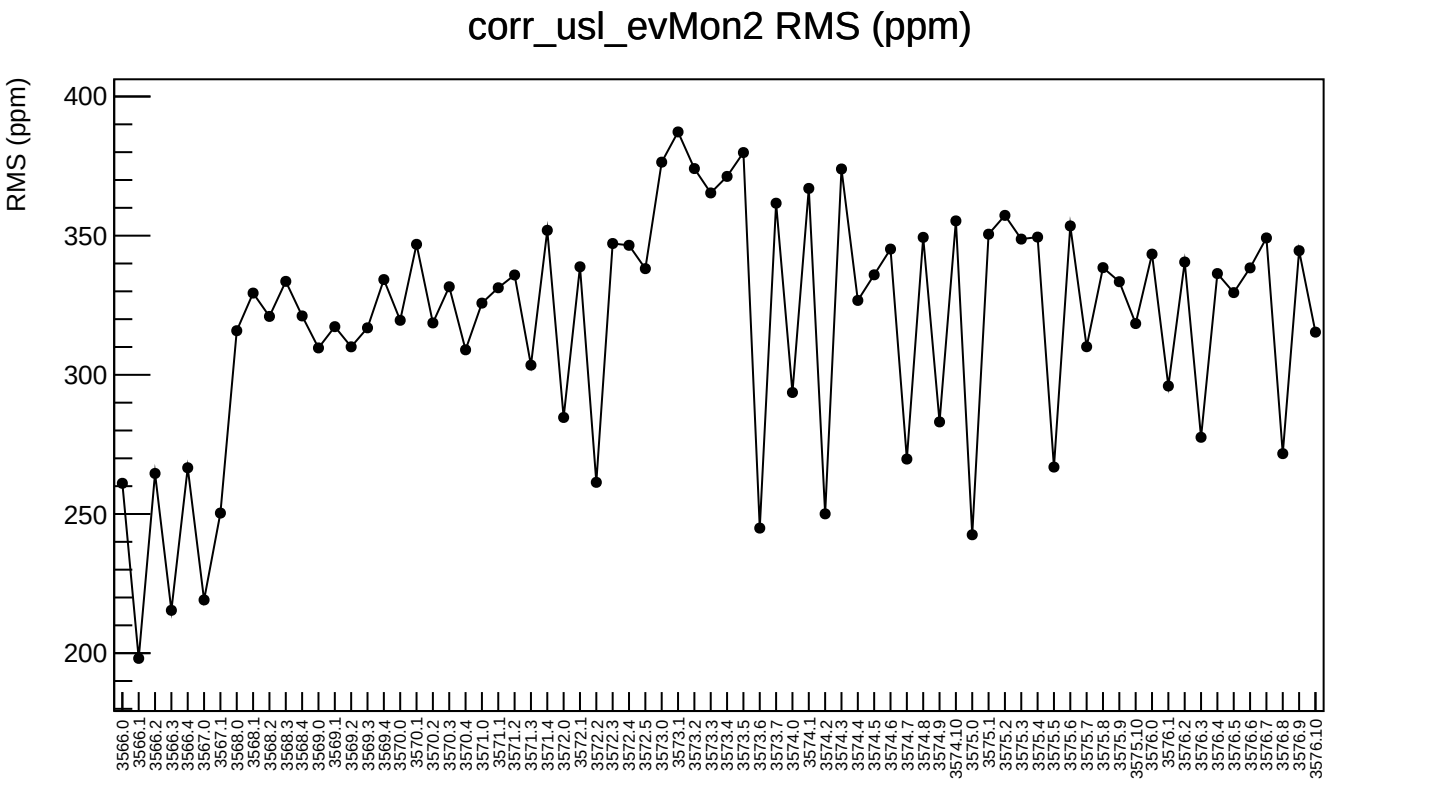

1D pull distribution
Mean 0.001187 ± 0.04784
Std Dev 0.4116 ± 0.03383
Underflow 0
Overflow 0
χ² / ndf 0.9869 / 2
Constant 34.53 ± 5.38
Mean 0.02193 ± 0.05544
Sigma 0.4533 ± 0.0491

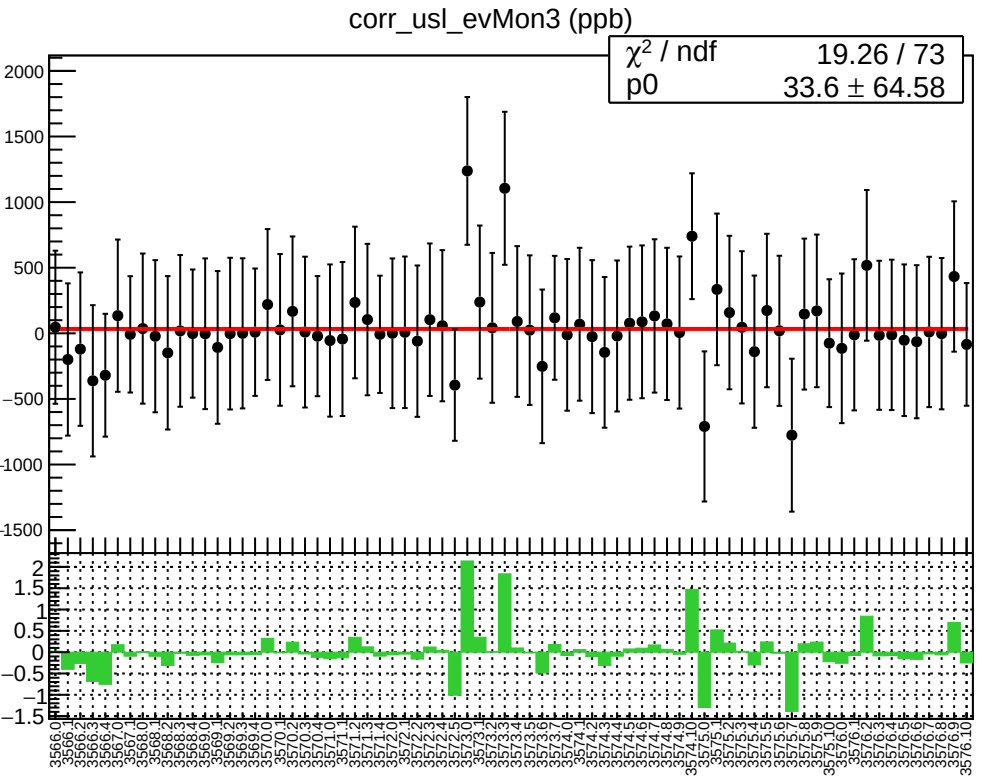

corr_usl_evMon0 RMS (ppm)
RMS (ppm)
460
440
420
400
380
360
340
320
300
280
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

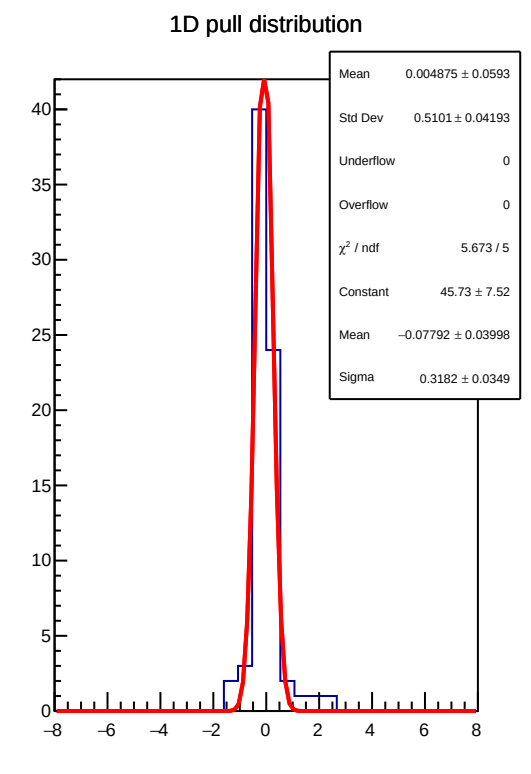

corr_usl_evMon1 (ppb)
χ² / ndf 118.8 / 73
p0 −274.9 ± 165.7
1D pull distribution
Mean −0.01526 ± 0.1473
Std Dev 1.267 ± 0.1041
Underflow 0
Overflow 0
χ² / ndf 6.66 / 9
Constant 14.74 ± 2.50
Mean 0.2056 ± 0.1218
Sigma 0.9772 ± 0.1200

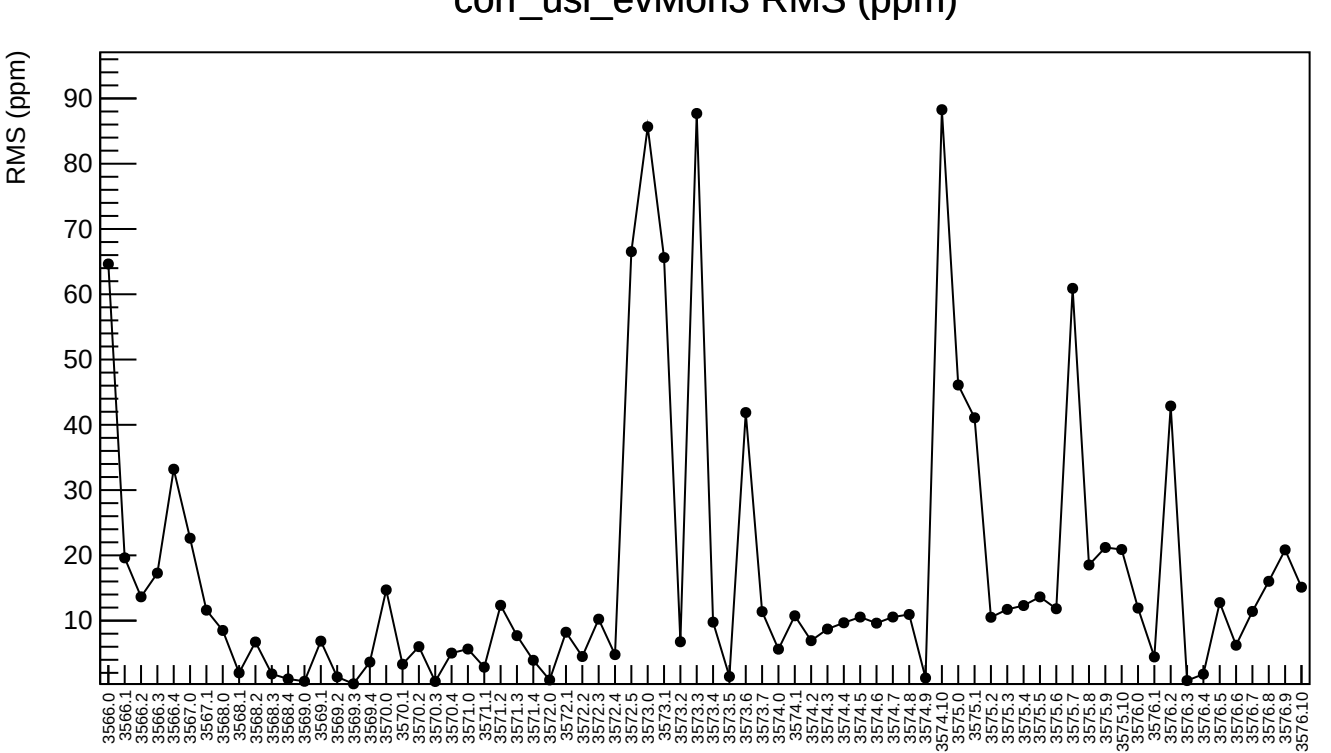

corr_usl_evMon1 RMS (ppm)
RMS (ppm)
350
300
250
200
150
100
50
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

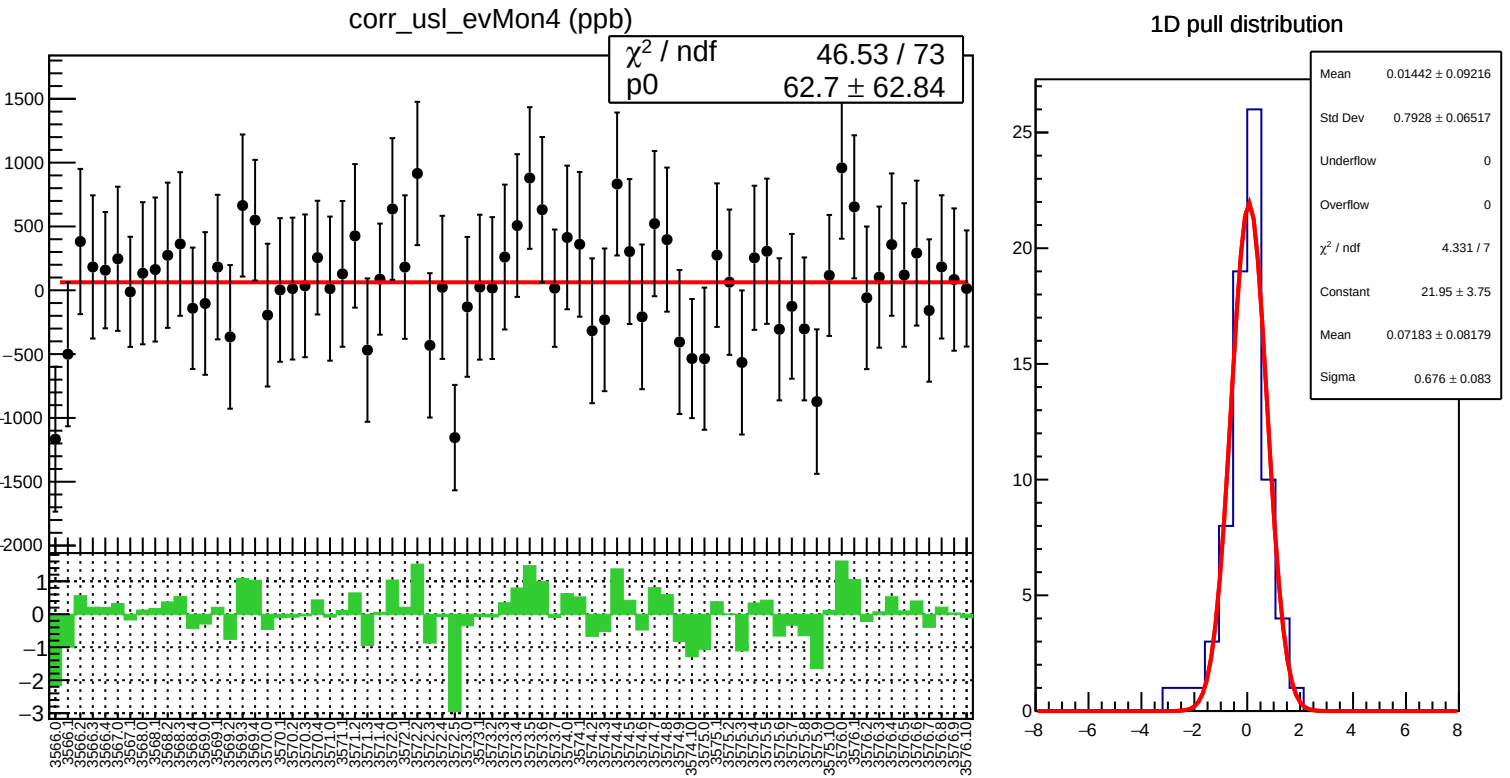

corr_usl_evMon2 (ppb)
χ² / ndf 41.62 / 73
p0 −90.74 ± 512
10000
5000
0
−5000
−10000
−15000
1.5
1
0.5
0
−0.5
−1
−1.5
−2
1D pull distribution
Mean −0.006846 ± 0.08718
Std Dev 0.7499 ± 0.06165
Underflow 0
Overflow 0
χ² / ndf 8.243 / 6
Constant 21.02 ± 3.51
Mean 0.07293 ± 0.10208
Sigma 0.666 ± 0.076
24
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

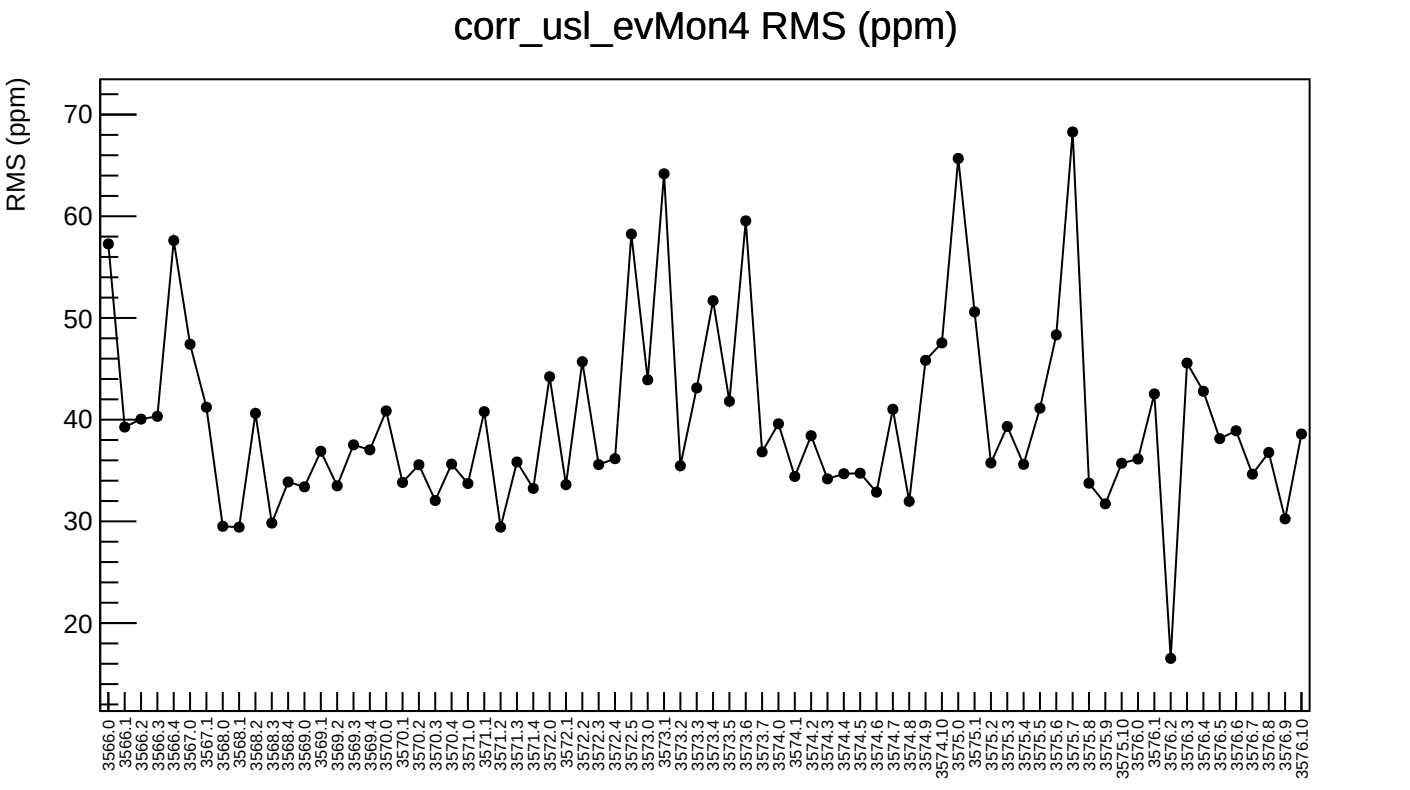

corr_usl_evMon2 RMS (ppm)
RMS (ppm)
400
350
300
250
200
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

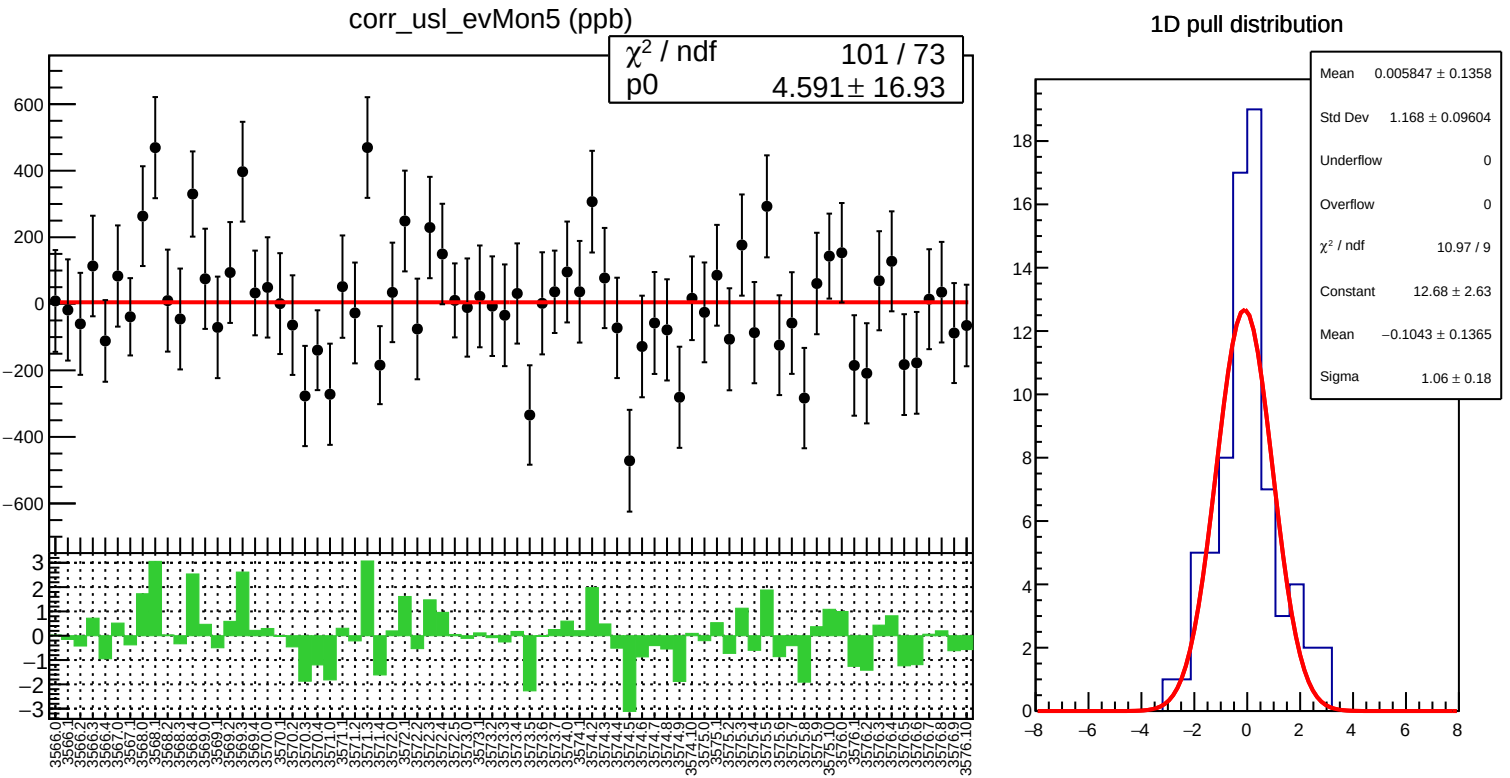

corr_usl_evMon3 (ppb)
χ² / ndf 19.26 / 73
p0 33.6 ± 64.58

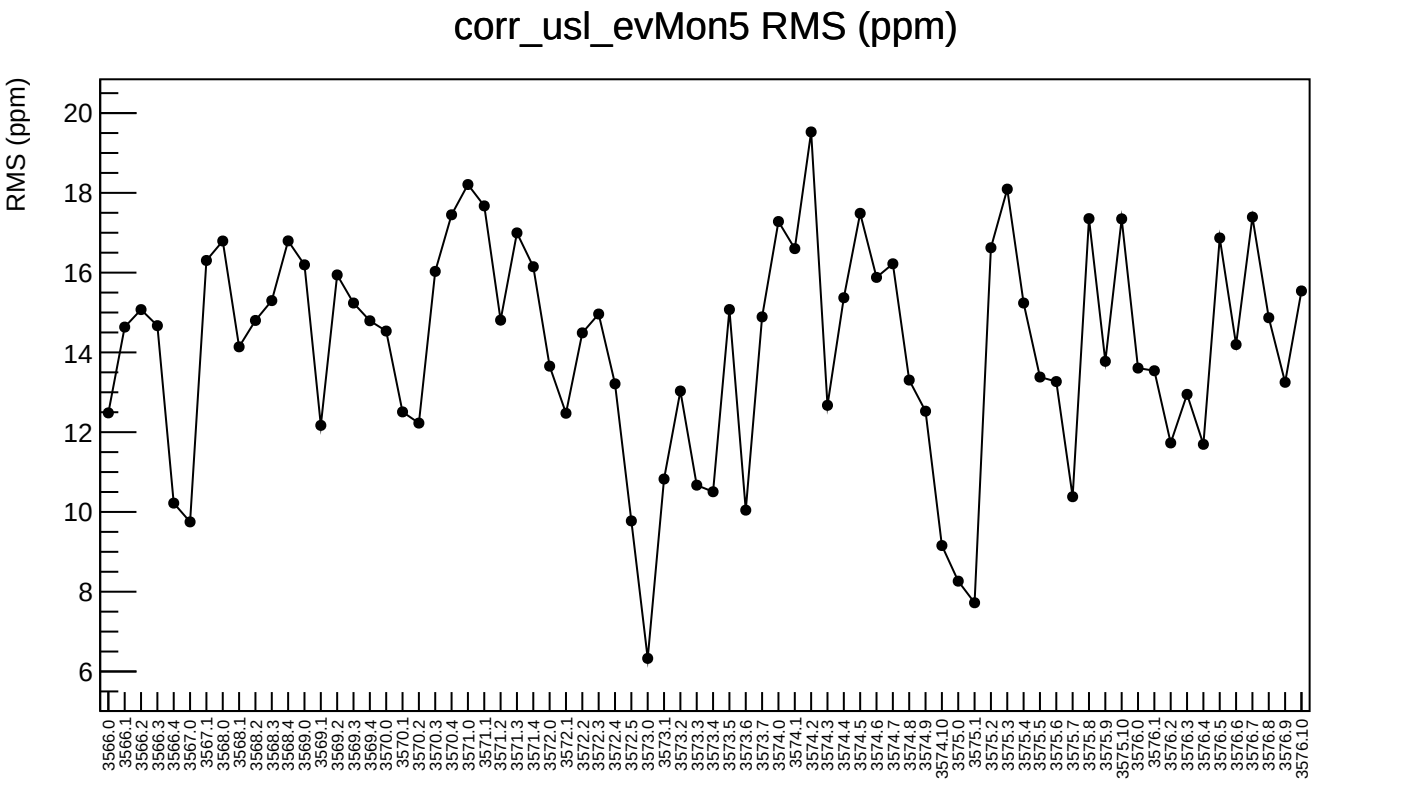

1D pull distribution
Mean 0.004875 ± 0.0593
Std Dev 0.5101 ± 0.04193
Underflow 0
Overflow 0
χ² / ndf 5.673 / 5
Constant 45.73 ± 7.52
Mean −0.07792 ± 0.03998
Sigma 0.3182 ± 0.0349

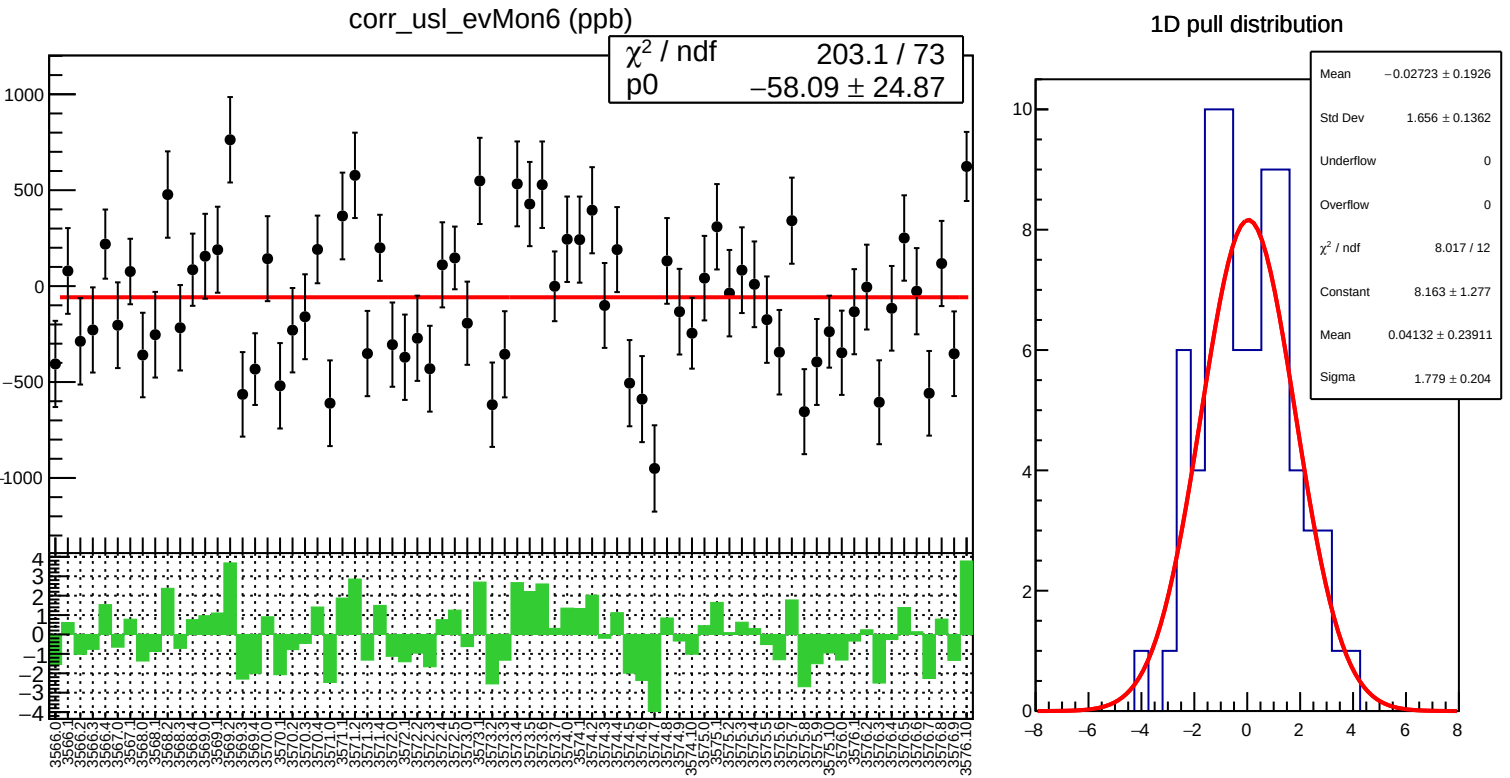

corr_usl_evMon3 RMS (ppm)
RMS (ppm)
90
80
70
60
50
40
30
20
10
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

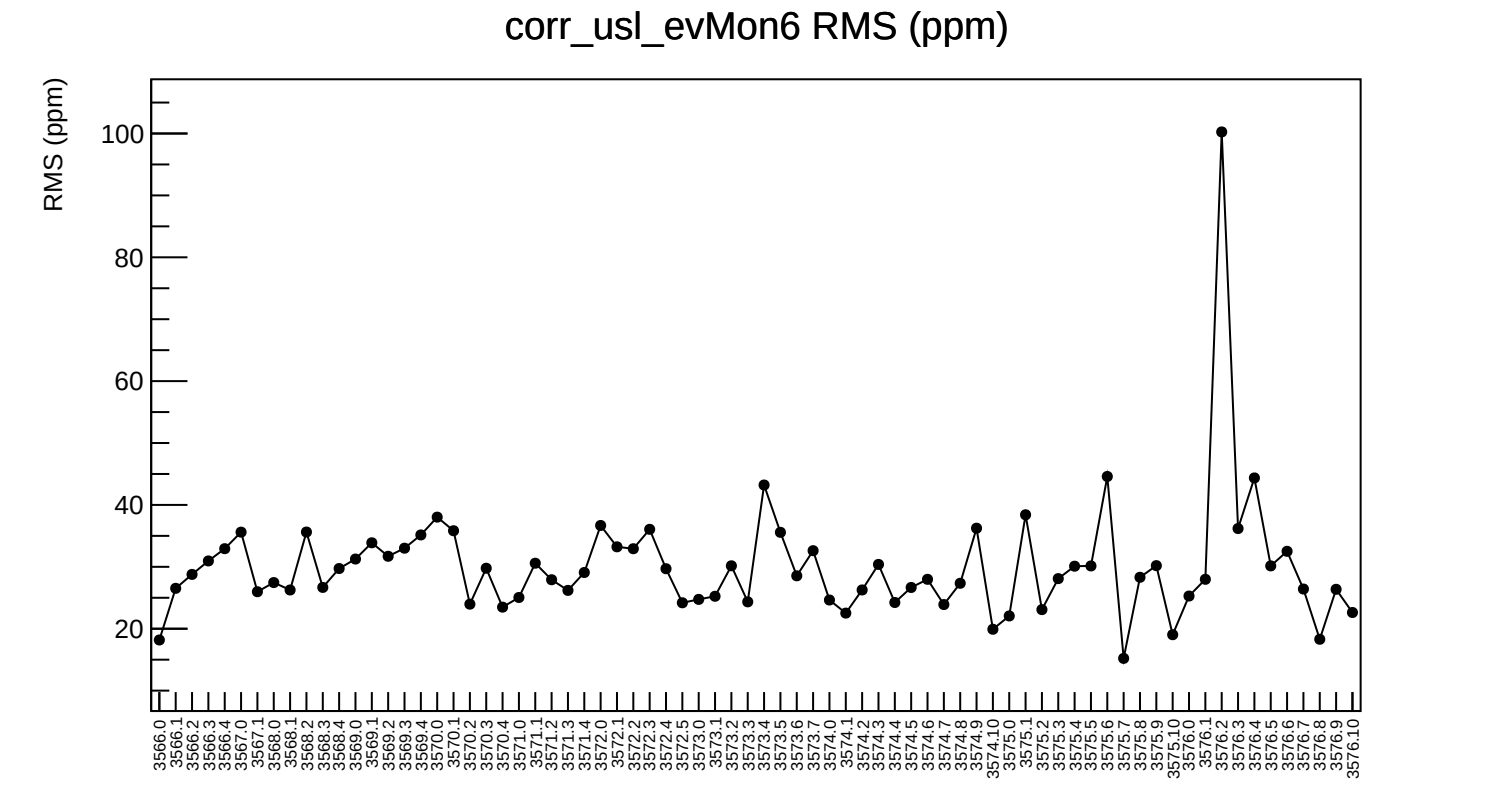

corr_usl_evMon4 (ppb)
χ² / ndf 46.53 / 73
p0 62.7 ± 62.84
1D pull distribution
Mean 0.01442 ± 0.09216
Std Dev 0.7928 ± 0.06517
Underflow 0
Overflow 0
χ² / ndf 4.331 / 7
Constant 21.95 ± 3.75
Mean 0.07183 ± 0.08179
Sigma 0.676 ± 0.083

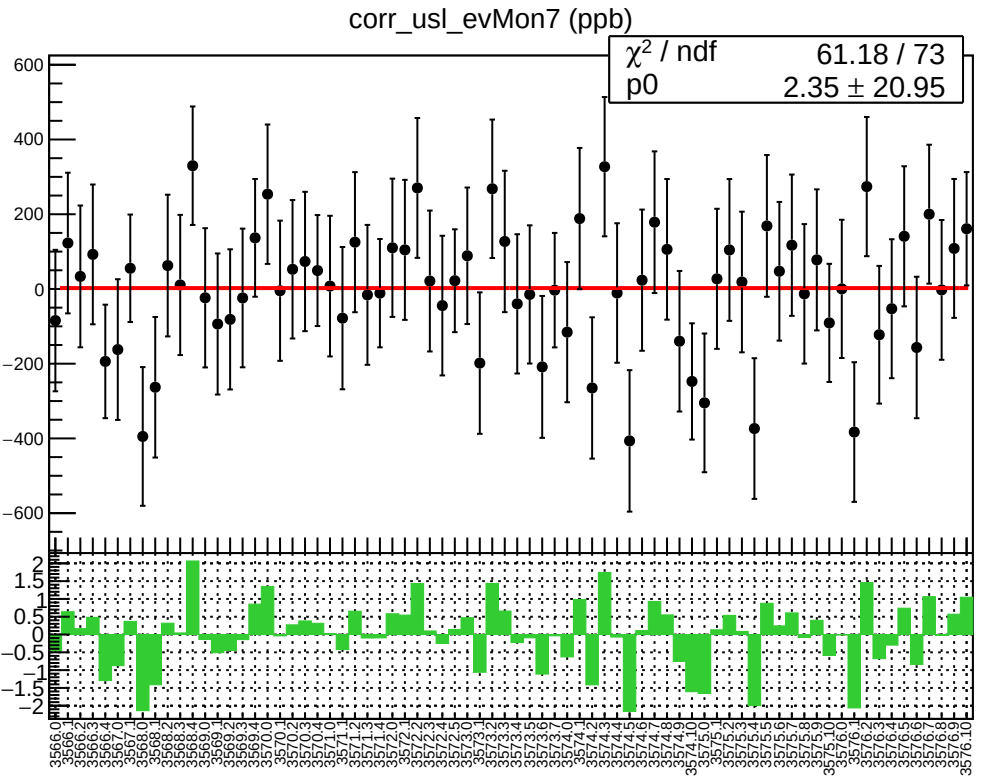

corr_usl_evMon4 RMS (ppm)
RMS (ppm)
70
60
50
40
30
20
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

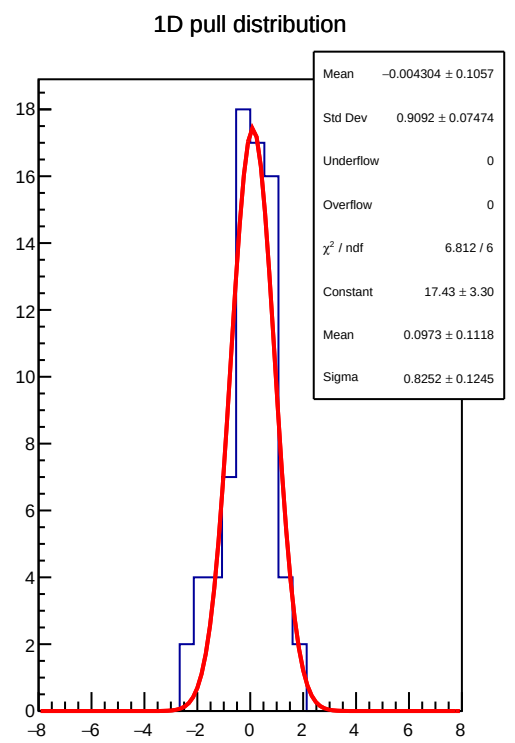

corr_usl_evMon5 (ppb)
χ² / ndf 101 / 73
p0 4.591± 16.93
1D pull distribution
Mean 0.005847 ± 0.1358
Std Dev 1.168 ± 0.09604
Underflow 0
Overflow 0
χ² / ndf 10.97 / 9
Constant 12.68 ± 2.63
Mean −0.1043 ± 0.1365
Sigma 1.06 ± 0.18

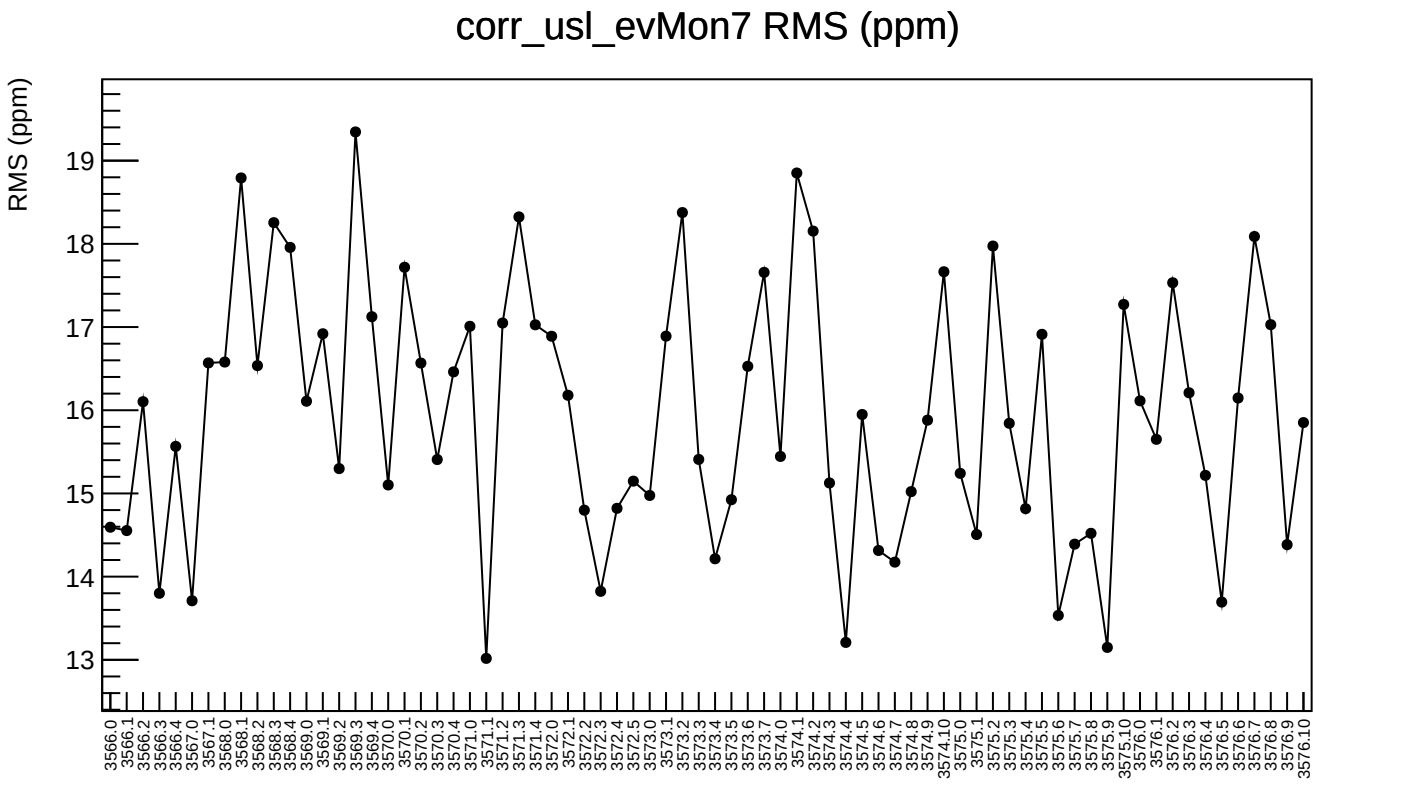

corr_usl_evMon5 RMS (ppm)
RMS (ppm)
20
18
16
14
12
10
8
6
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

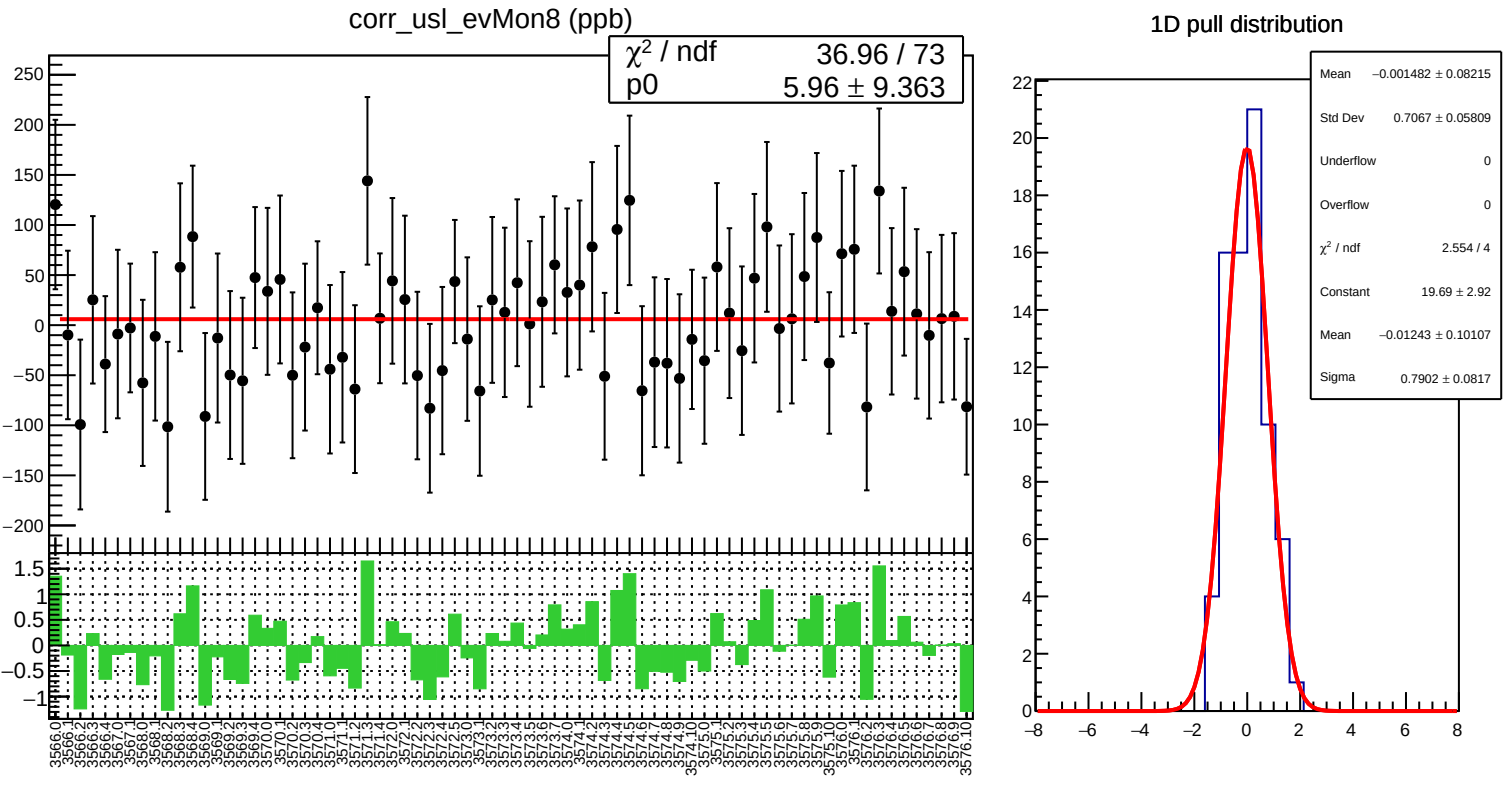

corr_usl_evMon6 (ppb)
χ² / ndf 203.1 / 73
p0 −58.09 ± 24.87
1000
500
0
−500
−1000
4
3
2
1
0
−1
−2
−3
−4
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10
1D pull distribution
Mean −0.02723 ± 0.1926
Std Dev 1.656 ± 0.1362
Underflow 0
Overflow 0
χ² / ndf 8.017 / 12
Constant 8.163 ± 1.277
Mean 0.04132 ± 0.23911
Sigma 1.779 ± 0.204
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8


corr_usl_evMon6 RMS (ppm)
RMS (ppm)
100
80
60
40
20
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10


corr_usl_evMon7 (ppb)
χ² / ndf 61.18 / 73
p0 2.35 ± 20.95


1D pull distribution
Mean −0.004304 ± 0.1057
Std Dev 0.9092 ± 0.07474
Underflow 0
Overflow 0
χ² / ndf 6.812 / 6
Constant 17.43 ± 3.30
Mean 0.0973 ± 0.1118
Sigma 0.8252 ± 0.1245


corr_usl_evMon7 RMS (ppm)
RMS (ppm)
19
18
17
16
15
14
13
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10

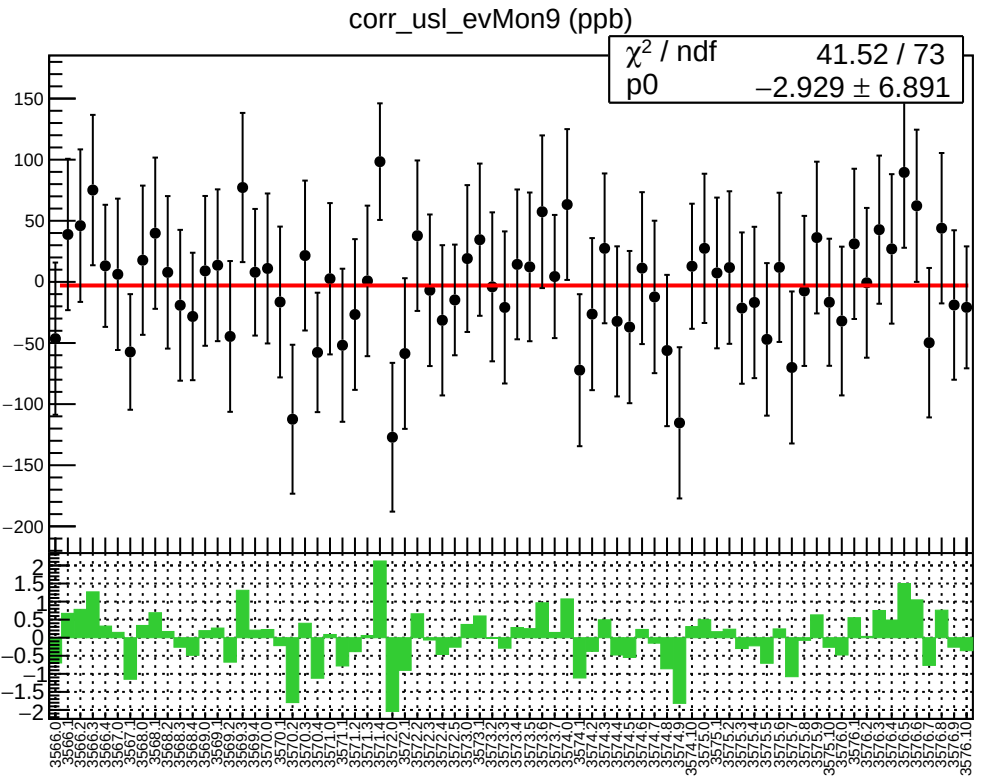

corr_usl_evMon8 (ppb)
χ² / ndf 36.96 / 73
p0 5.96 ± 9.363
1D pull distribution
Mean −0.001482 ± 0.08215
Std Dev 0.7067 ± 0.05809
Underflow 0
Overflow 0
χ² / ndf 2.554 / 4
Constant 19.69 ± 2.92
Mean −0.01243 ± 0.10107
Sigma 0.7902 ± 0.0817

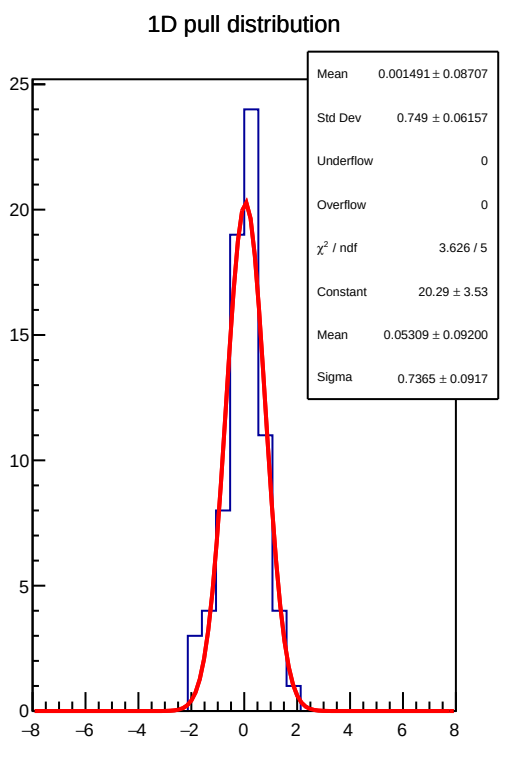
corr_usl_evMon8 RMS (ppm)

RMS (ppm)

9
8
7
6
5
4
3
2

3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10


corr_usl_evMon9 (ppb)
χ² / ndf 41.52 / 73
p0 −2.929 ± 6.891

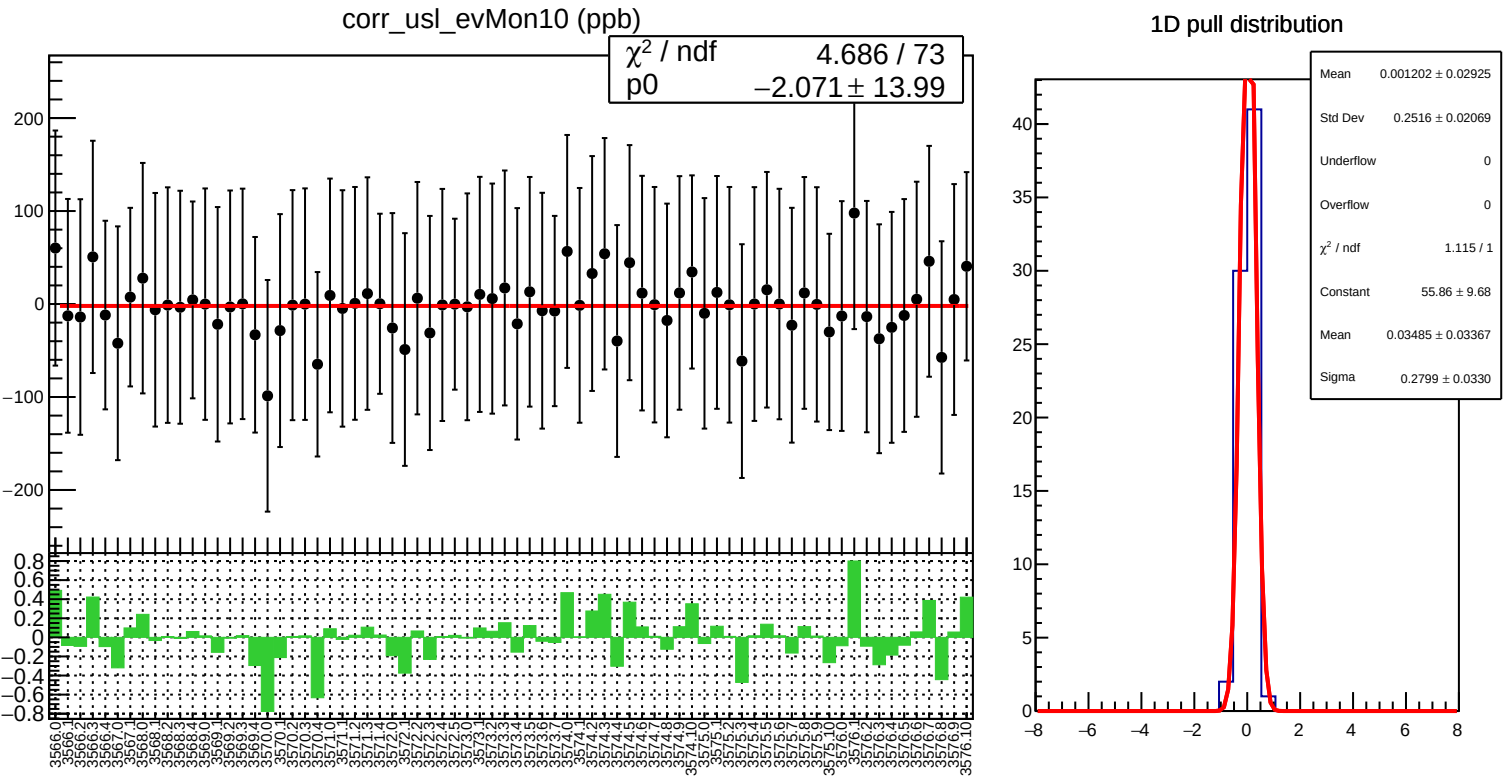

1D pull distribution
Mean 0.001491 ± 0.08707
Std Dev 0.749 ± 0.06157
Underflow 0
Overflow 0
χ² / ndf 3.626 / 5
Constant 20.29 ± 3.53
Mean 0.05309 ± 0.09200
Sigma 0.7365 ± 0.0917

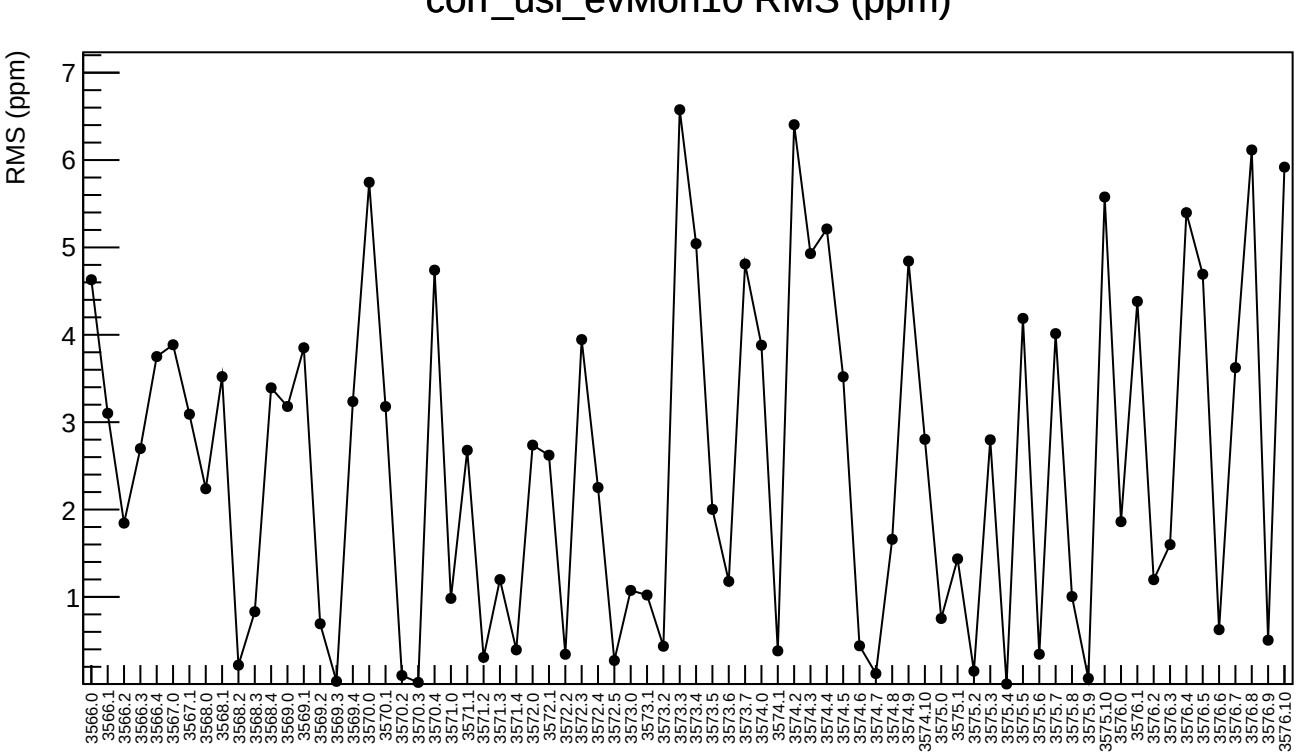
corr_usl_evMon9 RMS (ppm)

RMS (ppm)

1
2
3
4
5
6

3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
3576.2
3576.3
3576.4
3576.5
3576.6
3576.7
3576.8
3576.9
3576.10


corr_usl_evMon10 (ppb)
χ² / ndf 4.686 / 73
p0 −2.071 ± 13.99
1D pull distribution
Mean 0.001202 ± 0.02925
Std Dev 0.2516 ± 0.02069
Underflow 0
Overflow 0
χ² / ndf 1.115 / 1
Constant 55.86 ± 9.68
Mean 0.03485 ± 0.03367
Sigma 0.2799 ± 0.0330


corr_usl_evMon10 RMS (ppm)
RMS (ppm)
7
6
5
4
3
2
1
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
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3576.3
3576.4
3576.5
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3576.7
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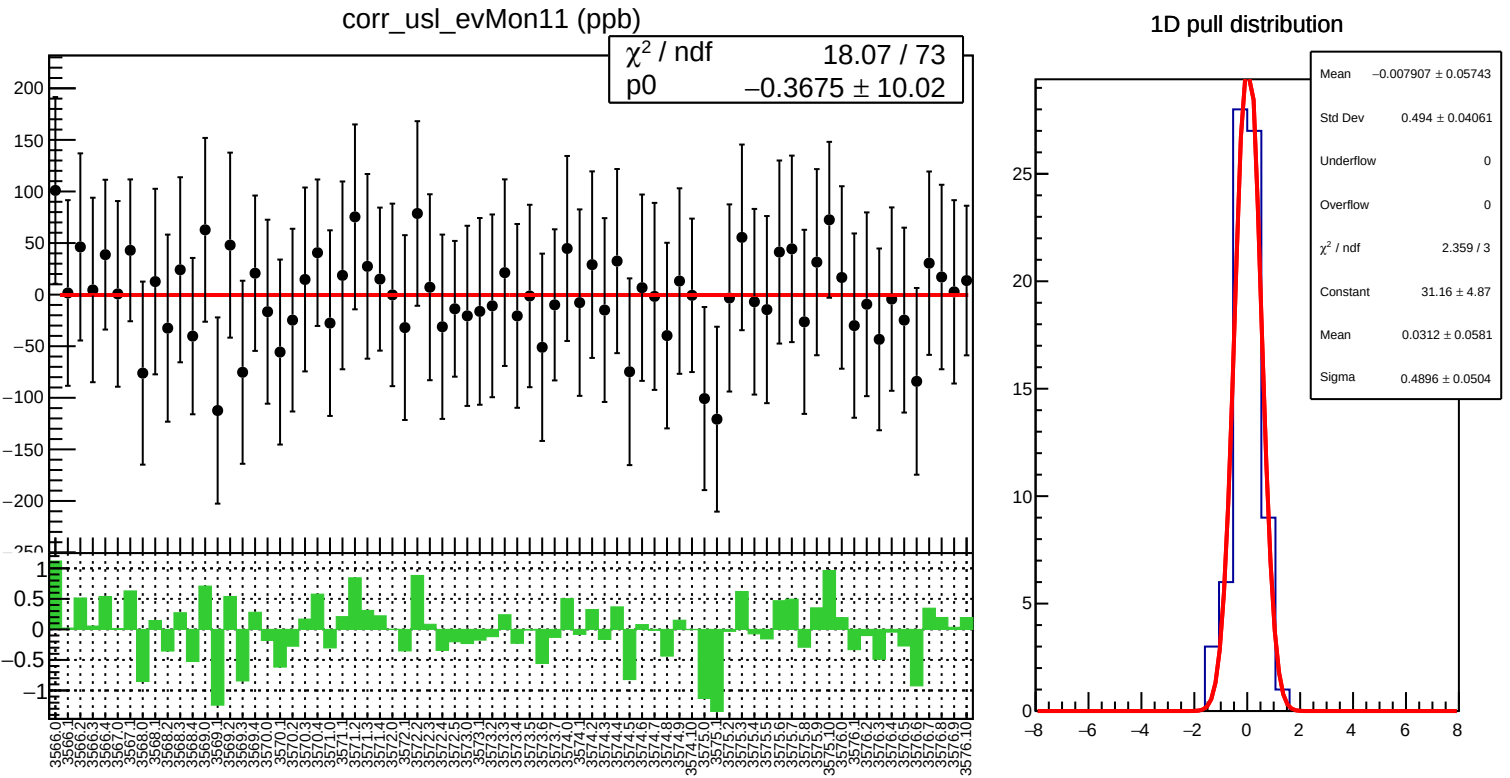
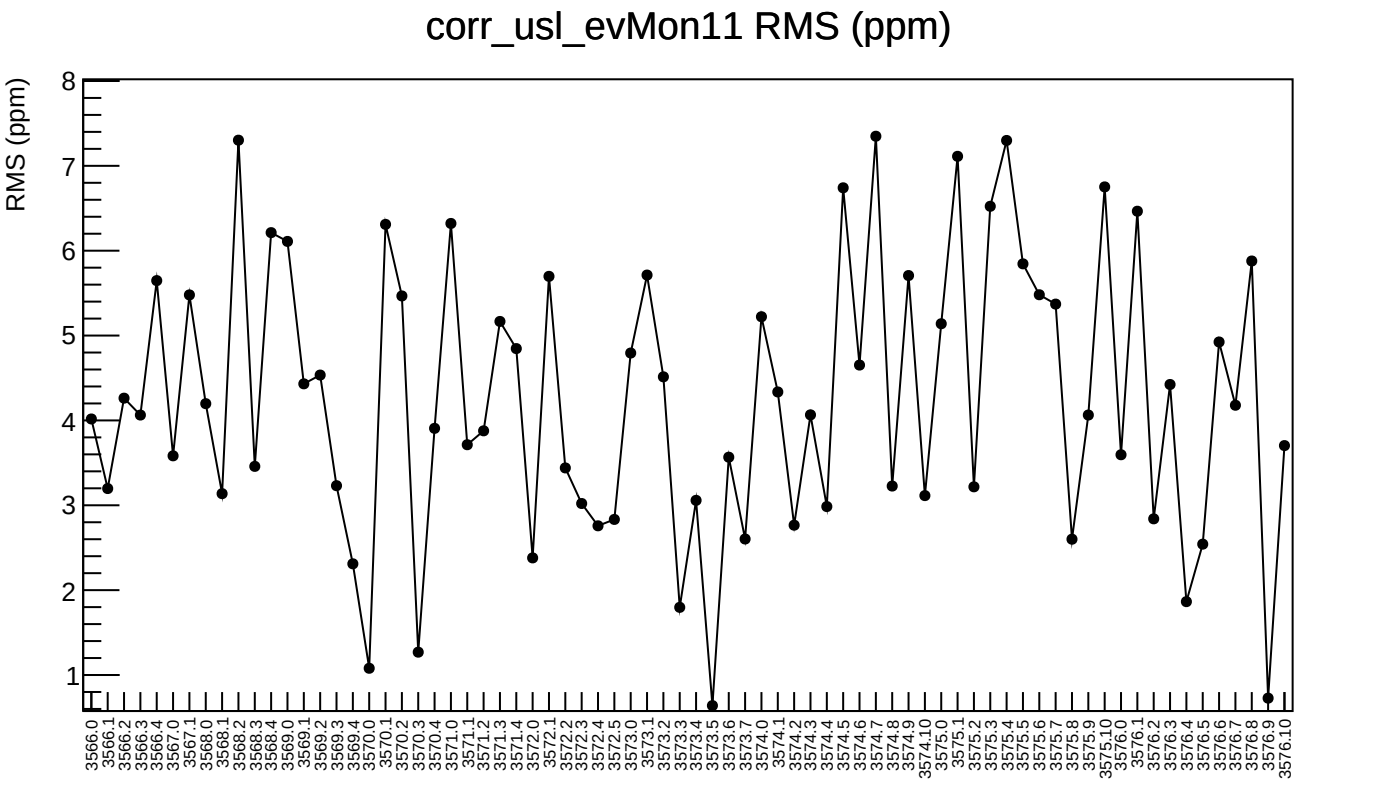
3576.9
3576.10


corr_usl_evMon11 (ppb)
χ² / ndf 18.07 / 73
p0 −0.3675 ± 10.02
1D pull distribution
Mean −0.007907 ± 0.05743
Std Dev 0.494 ± 0.04061
Underflow 0
Overflow 0
χ² / ndf 2.359 / 3
Constant 31.16 ± 4.87
Mean 0.0312 ± 0.0581
Sigma 0.4896 ± 0.0504


corr_usl_evMon11 RMS (ppm)
RMS (ppm)
8
7
6
5
4
3
2
1
3566.0
3566.1
3566.2
3566.3
3566.4
3567.0
3567.1
3568.0
3568.1
3568.2
3568.3
3568.4
3569.0
3569.1
3569.2
3569.3
3569.4
3570.0
3570.1
3570.2
3570.3
3570.4
3571.0
3571.1
3571.2
3571.3
3571.4
3572.0
3572.1
3572.2
3572.3
3572.4
3572.5
3573.0
3573.1
3573.2
3573.3
3573.4
3573.5
3573.6
3573.7
3574.0
3574.1
3574.2
3574.3
3574.4
3574.5
3574.6
3574.7
3574.8
3574.9
3574.10
3575.0
3575.1
3575.2
3575.3
3575.4
3575.5
3575.6
3575.7
3575.8
3575.9
3575.10
3576.0
3576.1
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3576.6
3576.7
3576.8
3576.9
3576.10