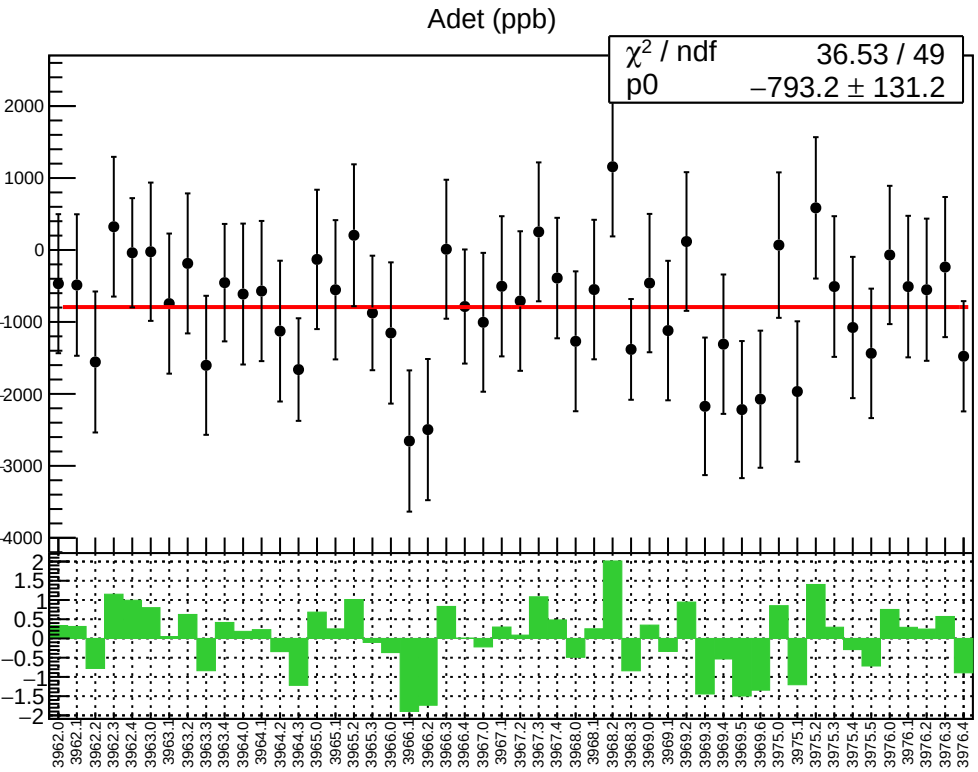
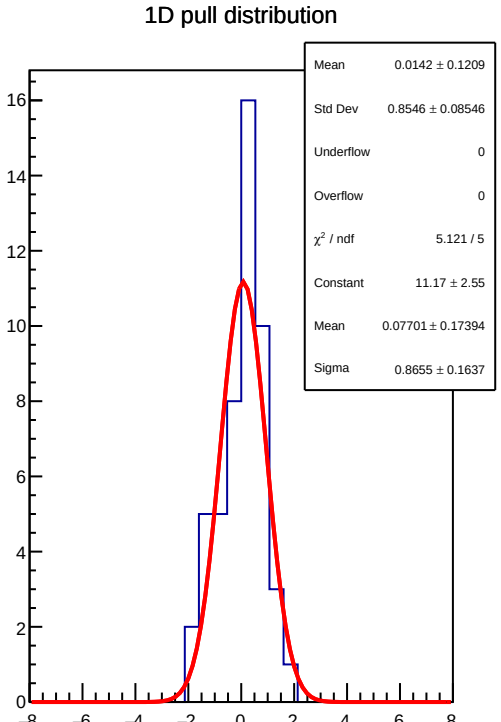
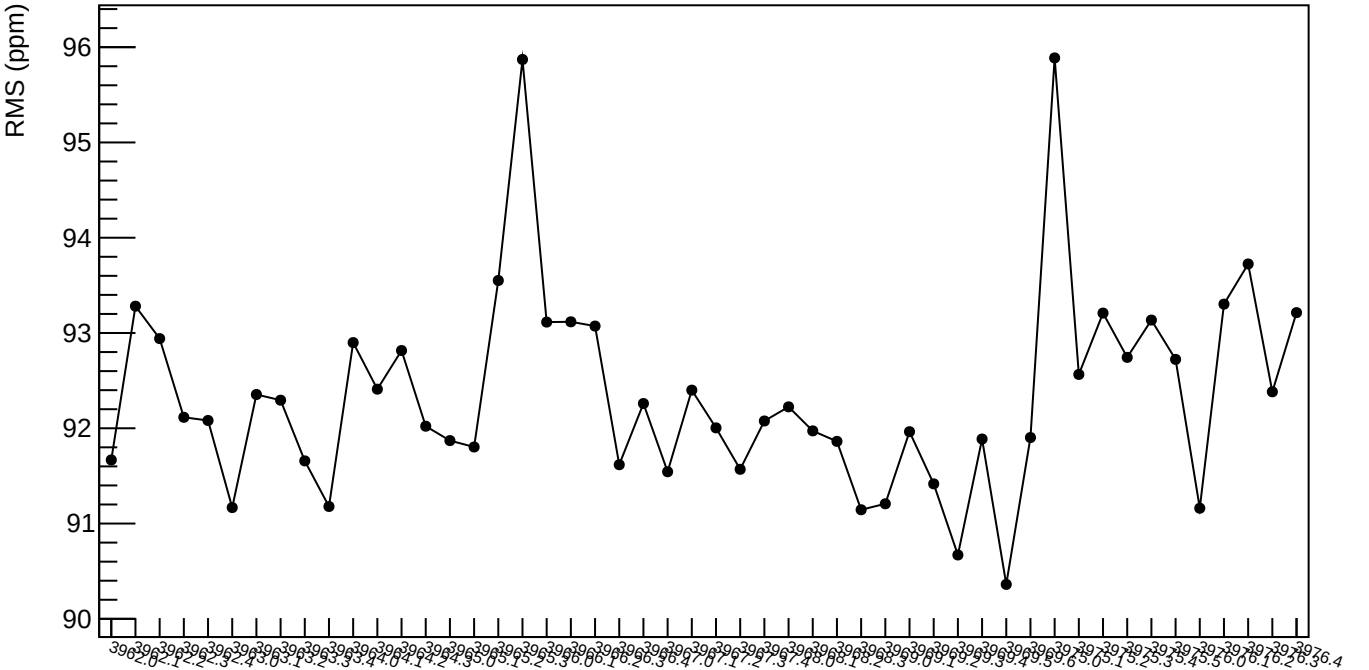
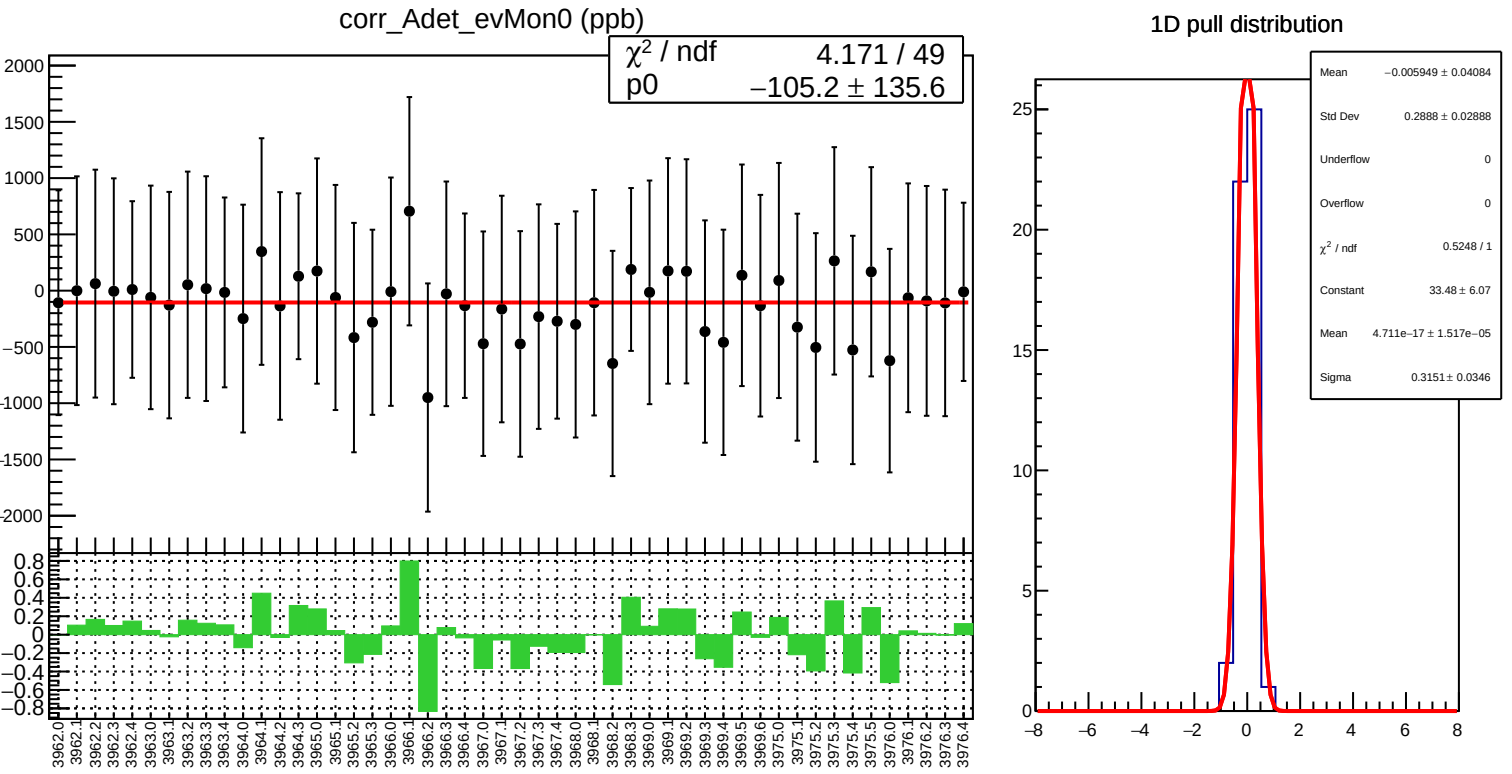
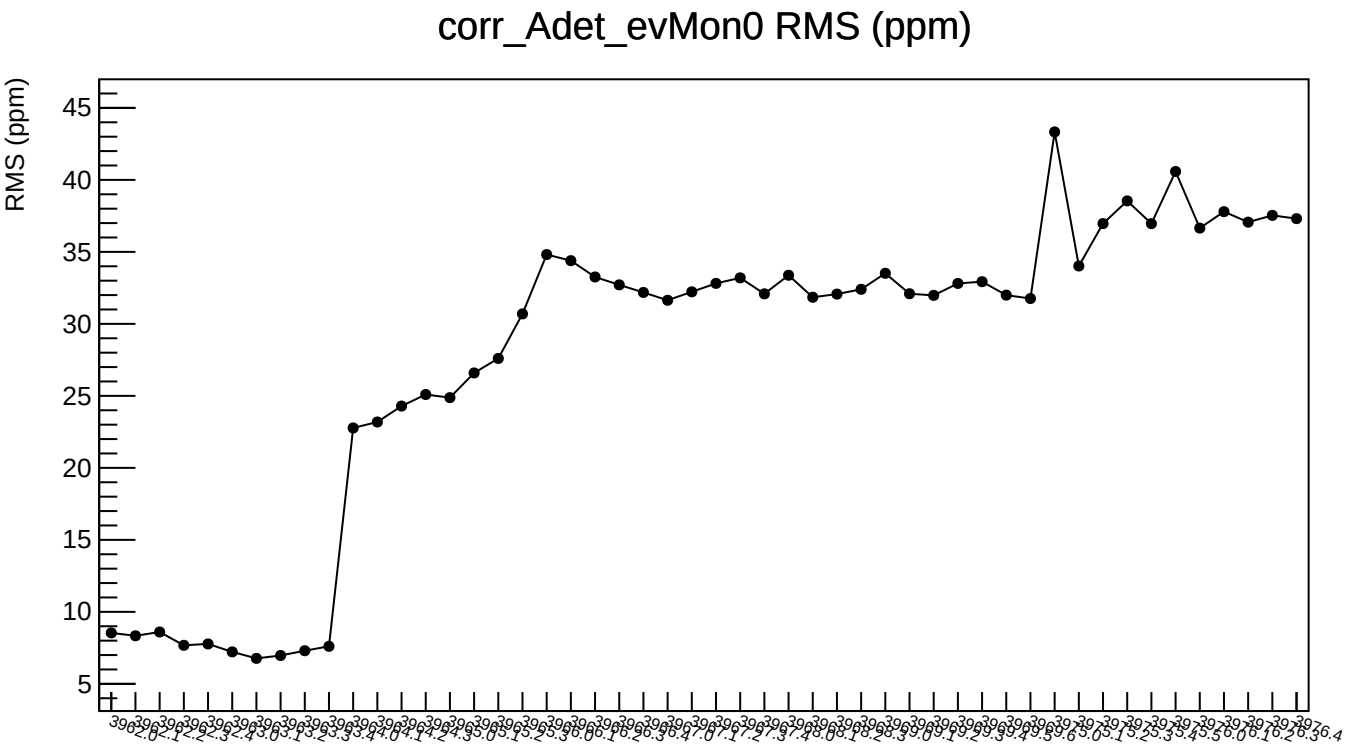

Adet (ppb)
χ² / ndf 36.53 / 49
p0 −793.2 ± 131.2
2000
1000
0
-1000
-2000
-3000
-4000
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4

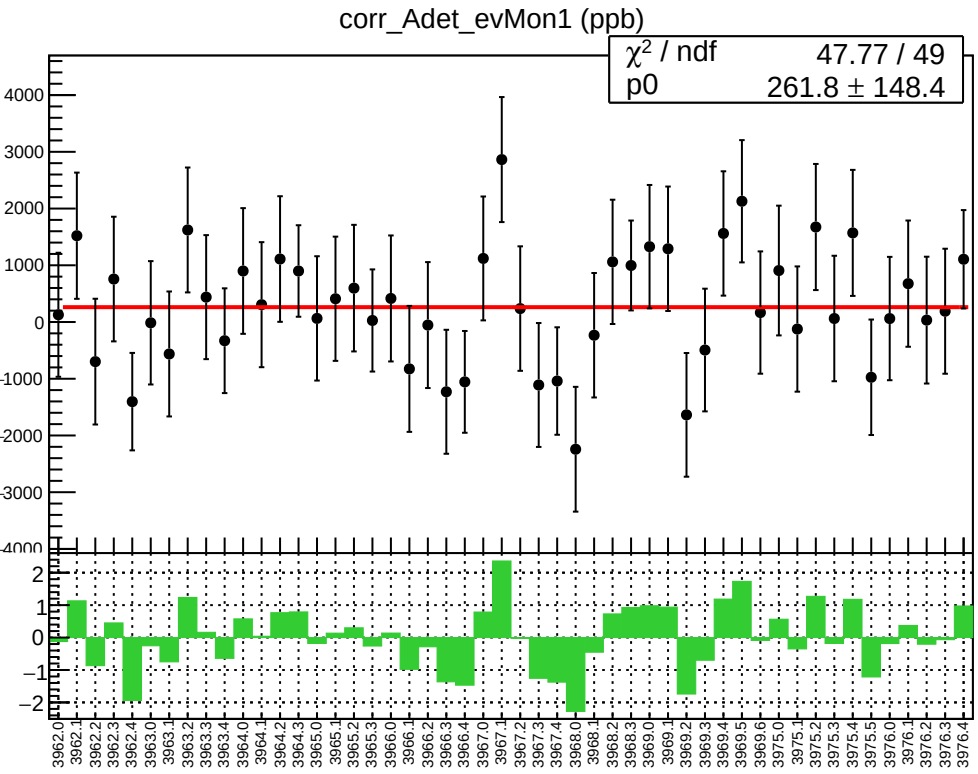

1D pull distribution
Mean 0.0142 ± 0.1209
Std Dev 0.8546 ± 0.08546
Underflow 0
Overflow 0
χ² / ndf 5.121 / 5
Constant 11.17 ± 2.55
Mean 0.07701 ± 0.17394
Sigma 0.8655 ± 0.1637
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

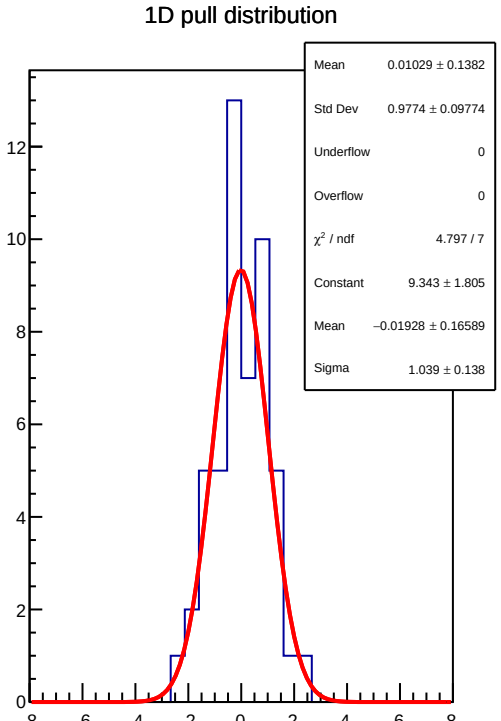
Adet RMS (ppm)

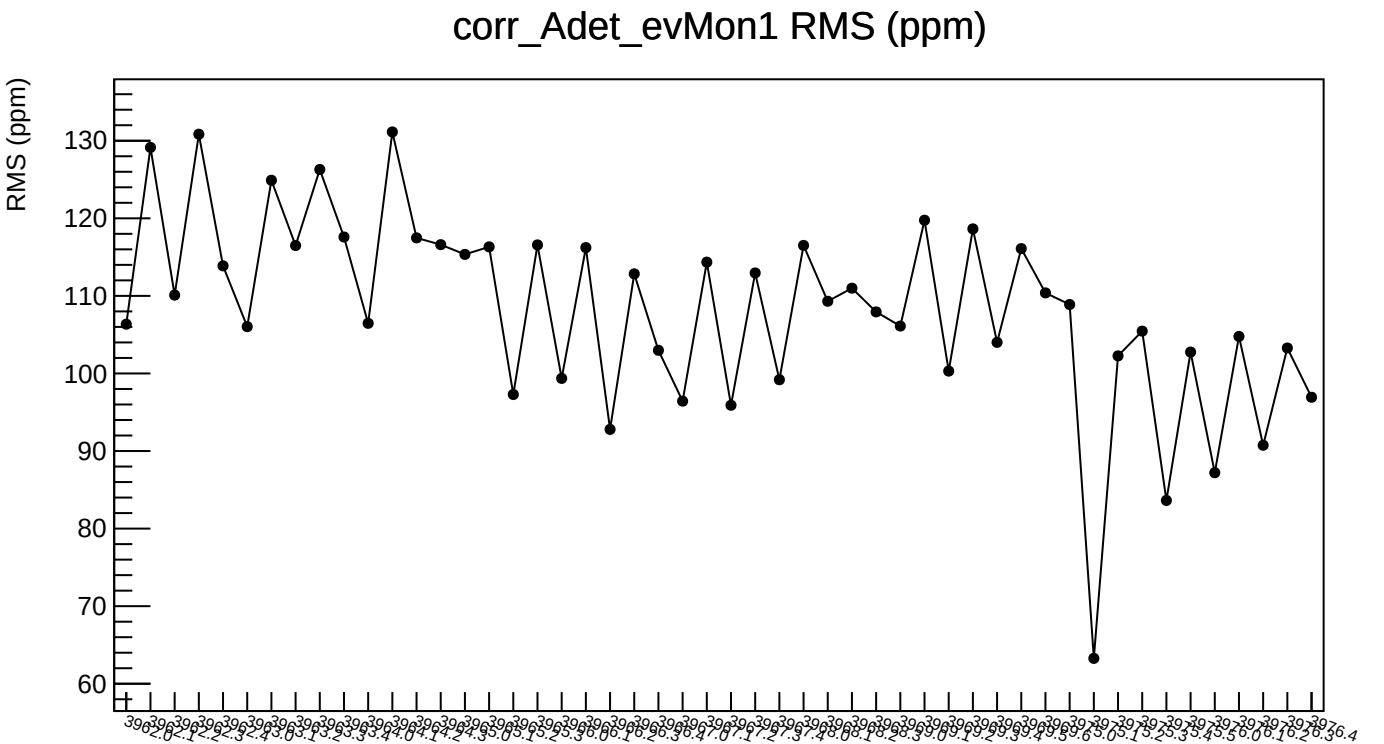


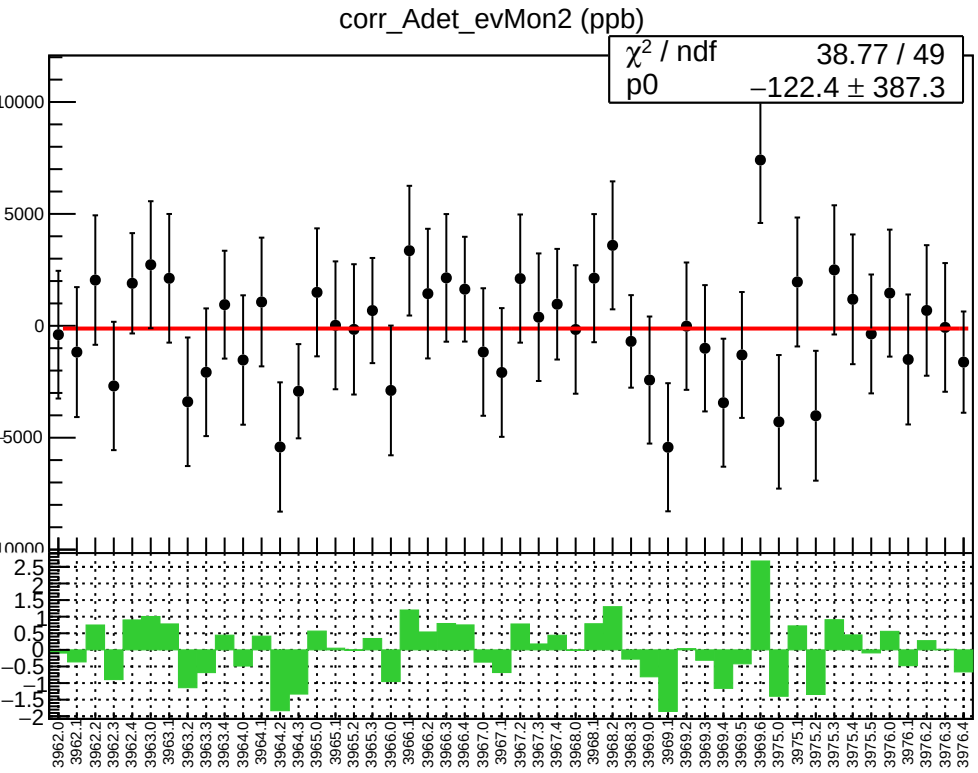

corr_Adet_evMon0 (ppb)
χ² / ndf 4.171 / 49
p0 −105.2 ± 135.6
1D pull distribution
Mean −0.005949 ± 0.04084
Std Dev 0.2888 ± 0.02888
Underflow 0
Overflow 0
χ² / ndf 0.5248 / 1
Constant 33.48 ± 6.07
Mean 4.711e−17 ± 1.517e−05
Sigma 0.3151 ± 0.0346

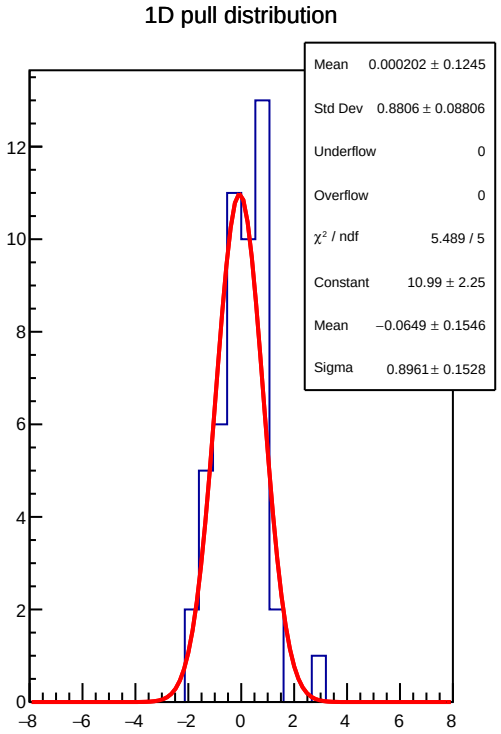

corr_Adet_evMon0 RMS (ppm)
RMS (ppm)
45
40
35
30
25
20
15
10
5


corr_Adet_evMon1 (ppb)
χ² / ndf 47.77 / 49
p0 261.8 ± 148.4
4000
3000
2000
1000
0
-1000
-2000
-3000
-4000
2
1
0
−1
−2
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4

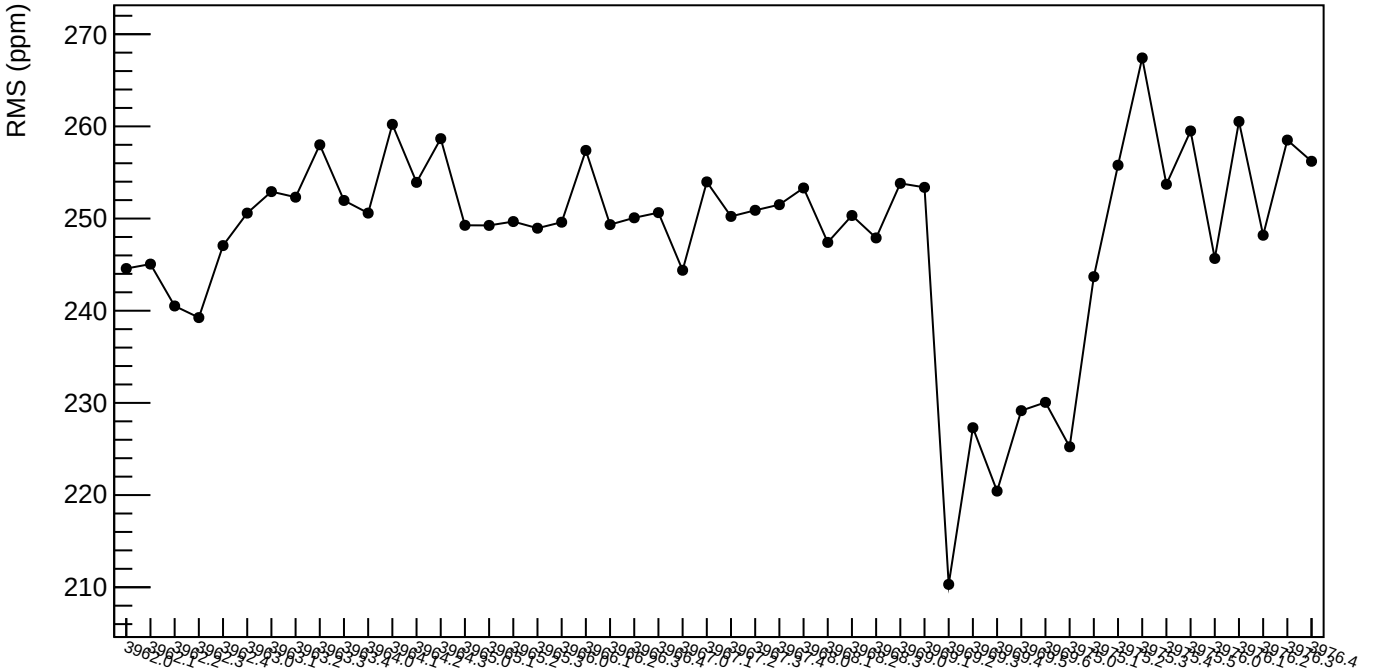

1D pull distribution
Mean 0.01029 ± 0.1382
Std Dev 0.9774 ± 0.09774
Underflow 0
Overflow 0
χ² / ndf 4.797 / 7
Constant 9.343 ± 1.805
Mean −0.01928 ± 0.16589
Sigma 1.039 ± 0.138
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

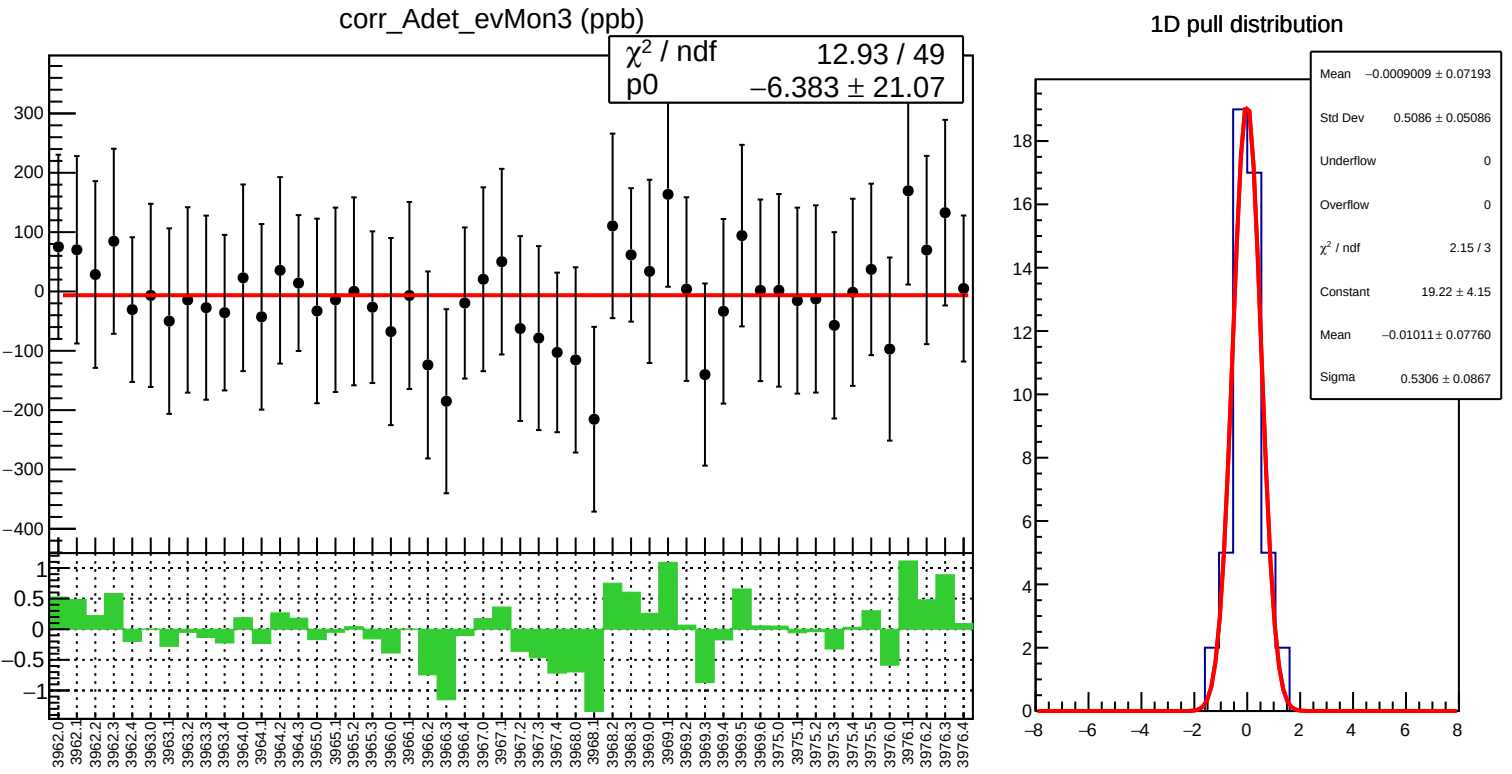

corr_Adet_evMon1 RMS (ppm)
RMS (ppm)
130
120
110
100
90
80
70
60


corr_Adet_evMon2 (ppb)
χ² / ndf 38.77 / 49
p0 −122.4 ± 387.3

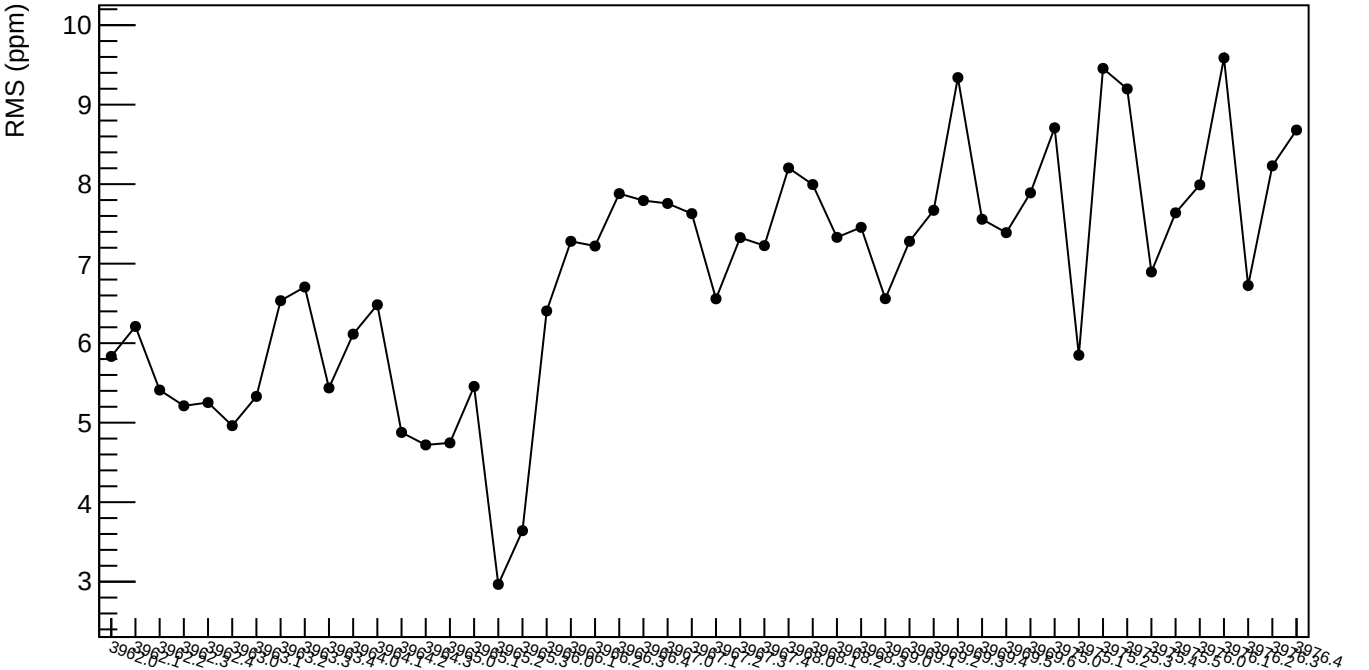

1D pull distribution
Mean 0.000202 ± 0.1245
Std Dev 0.8806 ± 0.08806
Underflow 0
Overflow 0
χ² / ndf 5.489 / 5
Constant 10.99 ± 2.25
Mean −0.0649 ± 0.1546
Sigma 0.8961 ± 0.1528

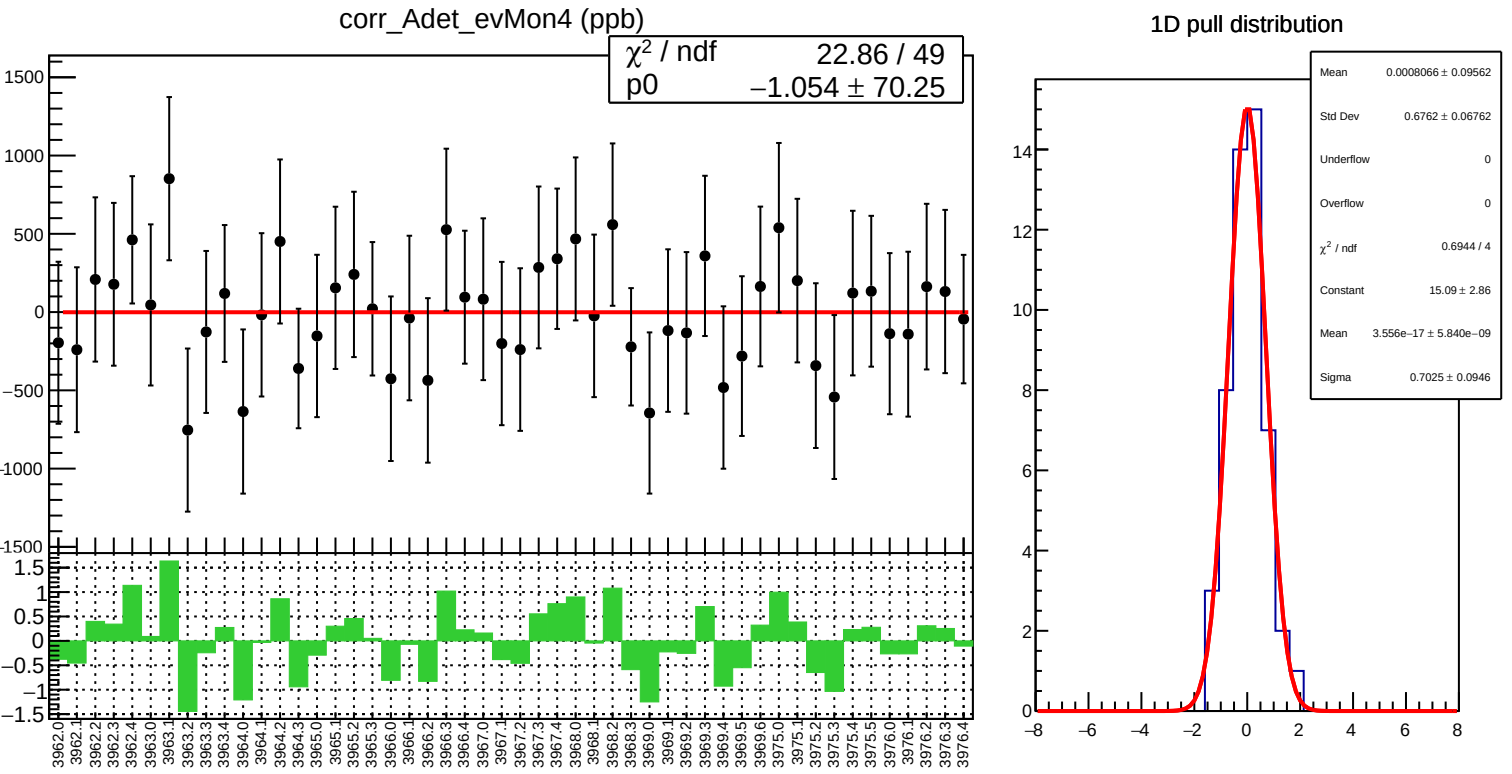
corr_Adet_evMon2 RMS (ppm)

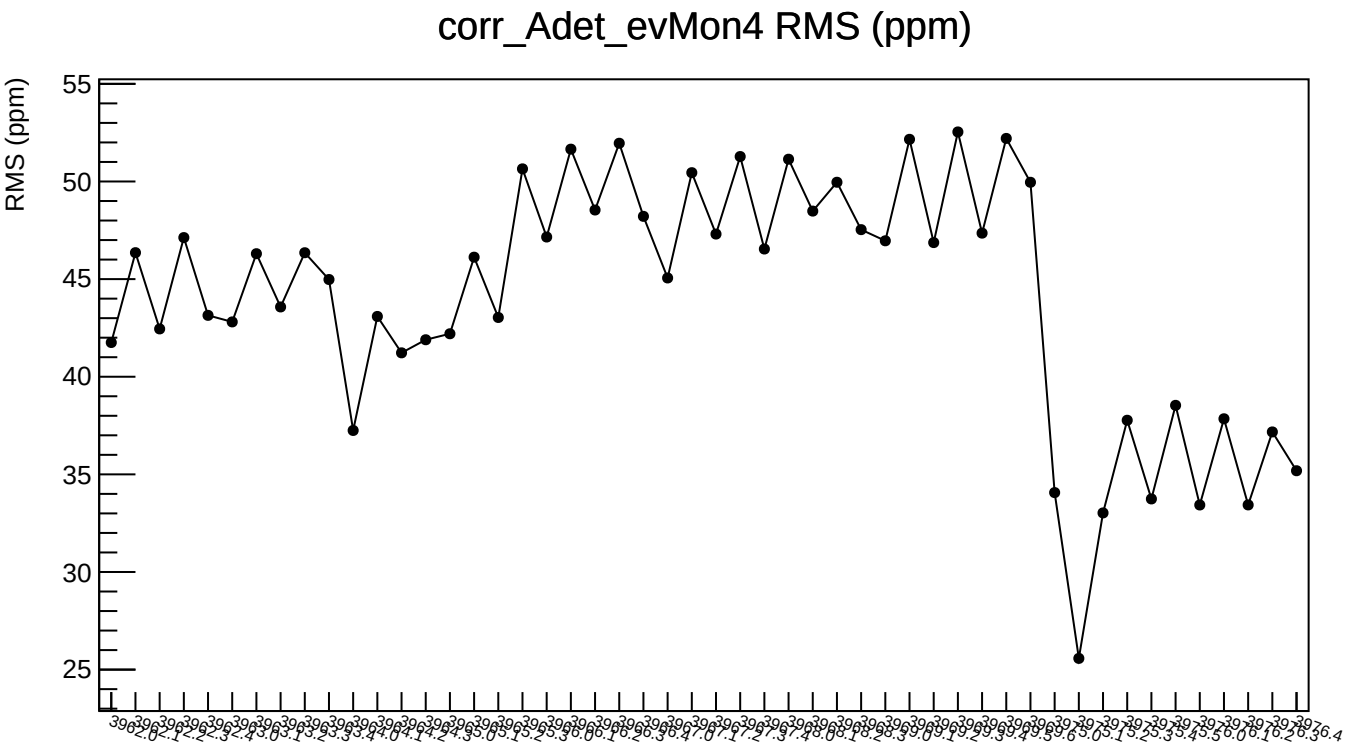


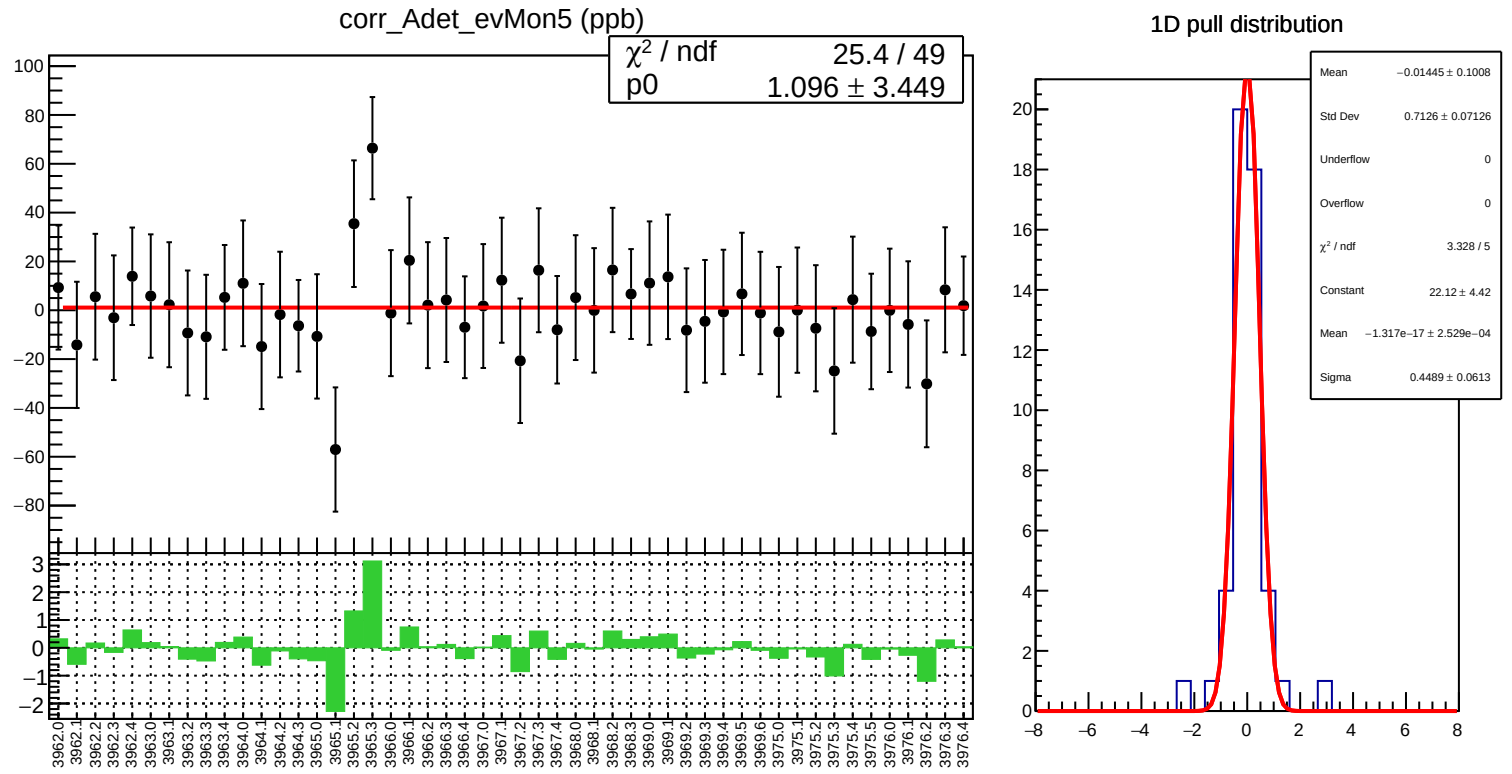

corr_Adet_evMon3 (ppb)
χ² / ndf 12.93 / 49
p0 −6.383 ± 21.07
1D pull distribution
Mean −0.0009009 ± 0.07193
Std Dev 0.5086 ± 0.05086
Underflow 0
Overflow 0
χ² / ndf 2.15 / 3
Constant 19.22 ± 4.15
Mean −0.01011 ± 0.07760
Sigma 0.5306 ± 0.0867

corr_Adet_evMon3 RMS (ppm)

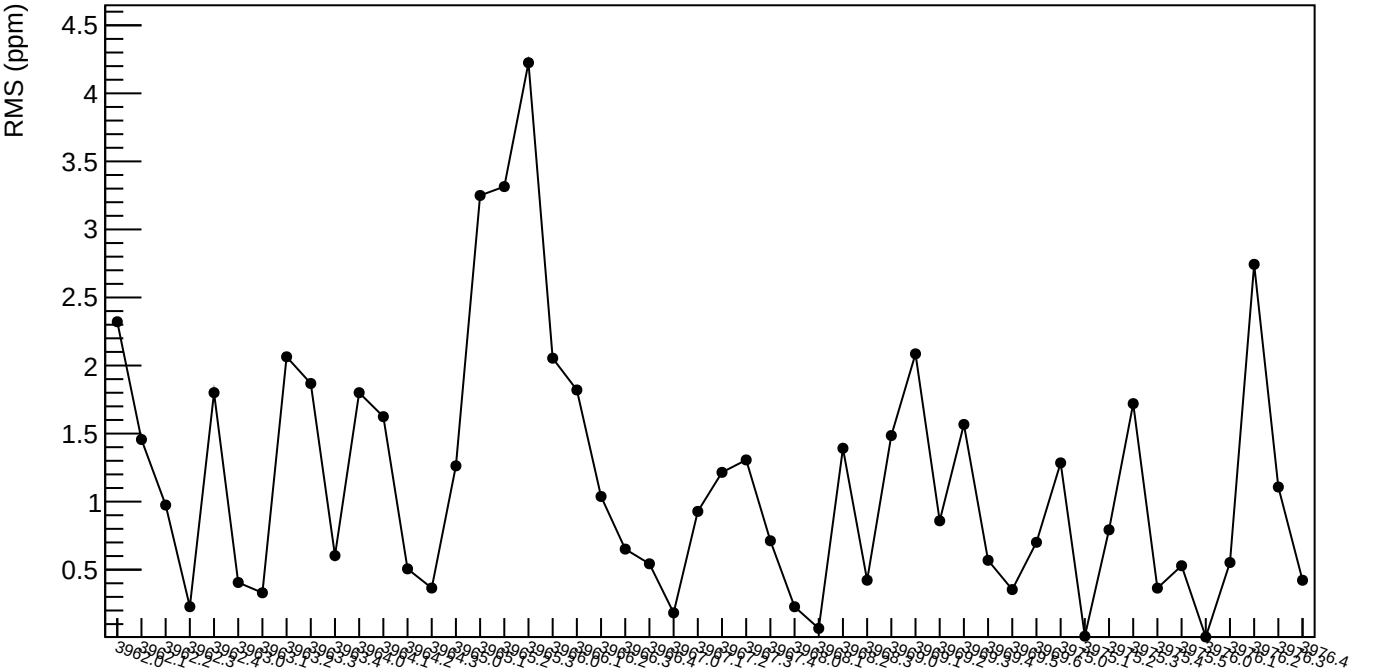


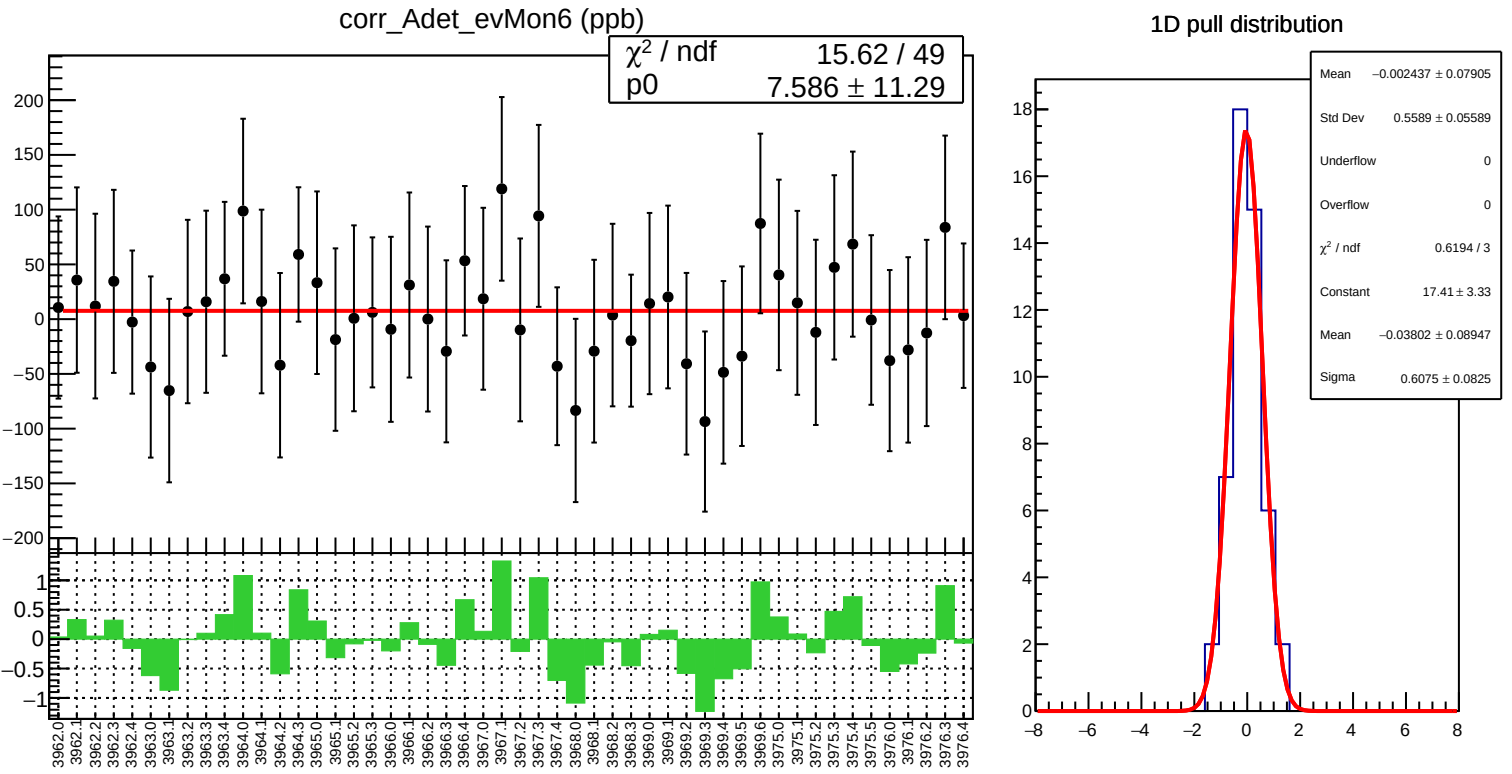

corr_Adet_evMon4 (ppb)
χ² / ndf 22.86 / 49
p0 −1.054 ± 70.25
1D pull distribution
Mean 0.0008066 ± 0.09562
Std Dev 0.6762 ± 0.06762
Underflow 0
Overflow 0
χ² / ndf 0.6944 / 4
Constant 15.09 ± 2.86
Mean 3.556e−17 ± 5.840e−09
Sigma 0.7025 ± 0.0946


corr_Adet_evMon4 RMS (ppm)
RMS (ppm)
55
50
45
40
35
30
25

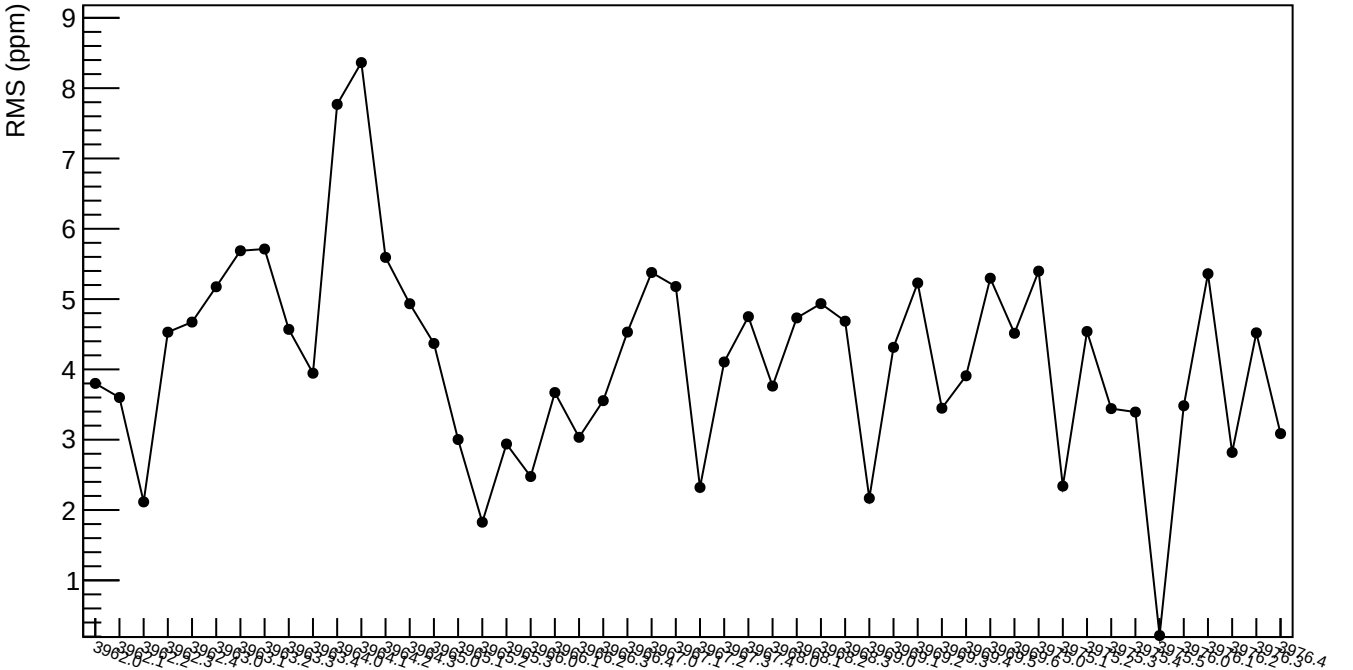

corr_Adet_evMon5 (ppb)
χ² / ndf 25.4 / 49
p0 1.096 ± 3.449
1D pull distribution
Mean −0.01445 ± 0.1008
Std Dev 0.7126 ± 0.07126
Underflow 0
Overflow 0
χ² / ndf 3.328 / 5
Constant 22.12 ± 4.42
Mean −1.317e−17 ± 2.529e−04
Sigma 0.4489 ± 0.0613

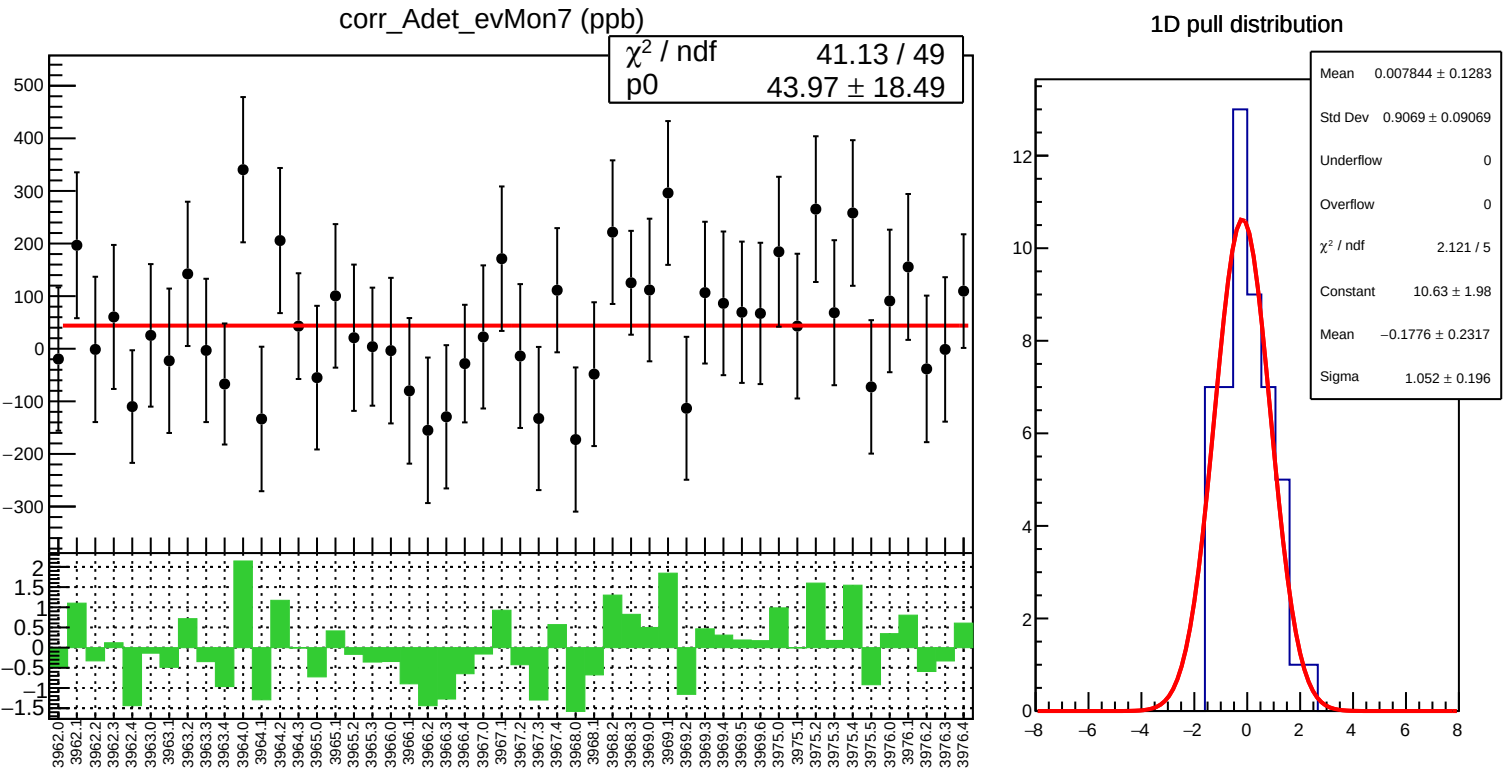
corr_Adet_evMon5 RMS (ppm)



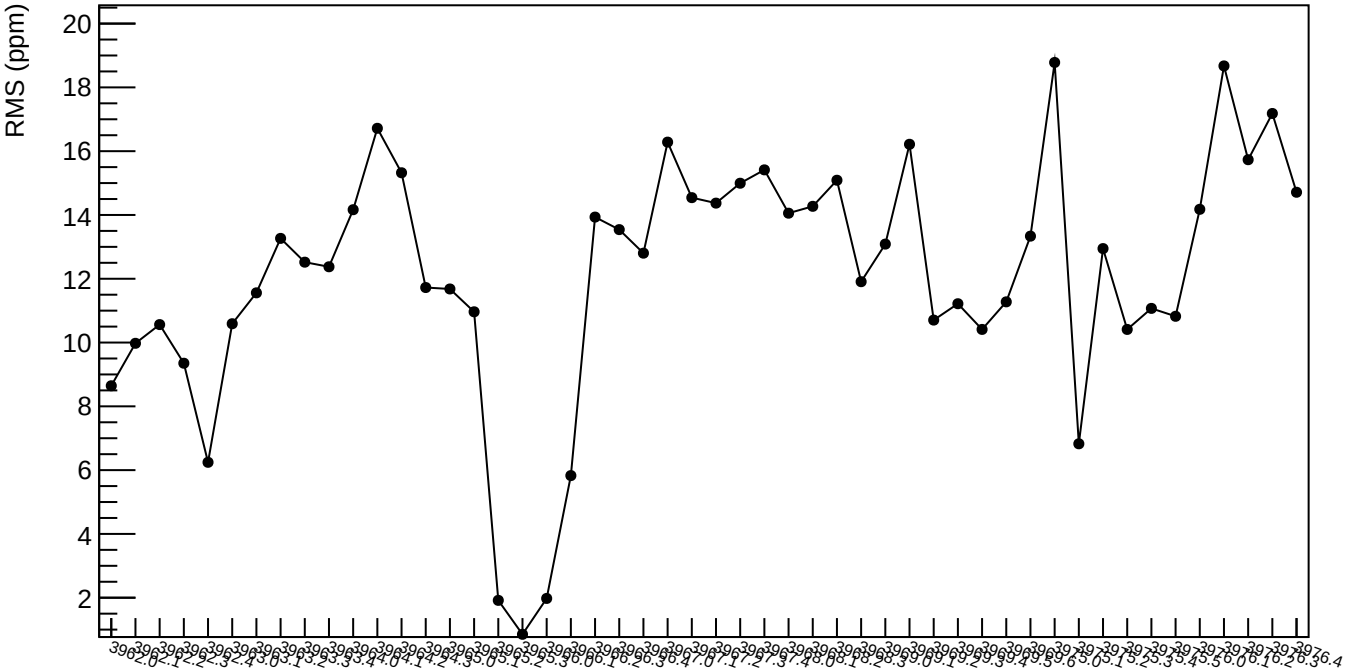

corr_Adet_evMon6 (ppb)
χ² / ndf 15.62 / 49
p0 7.586 ± 11.29
1D pull distribution
Mean −0.002437 ± 0.07905
Std Dev 0.5589 ± 0.05589
Underflow 0
Overflow 0
χ² / ndf 0.6194 / 3
Constant 17.41 ± 3.33
Mean −0.03802 ± 0.08947
Sigma 0.6075 ± 0.0825

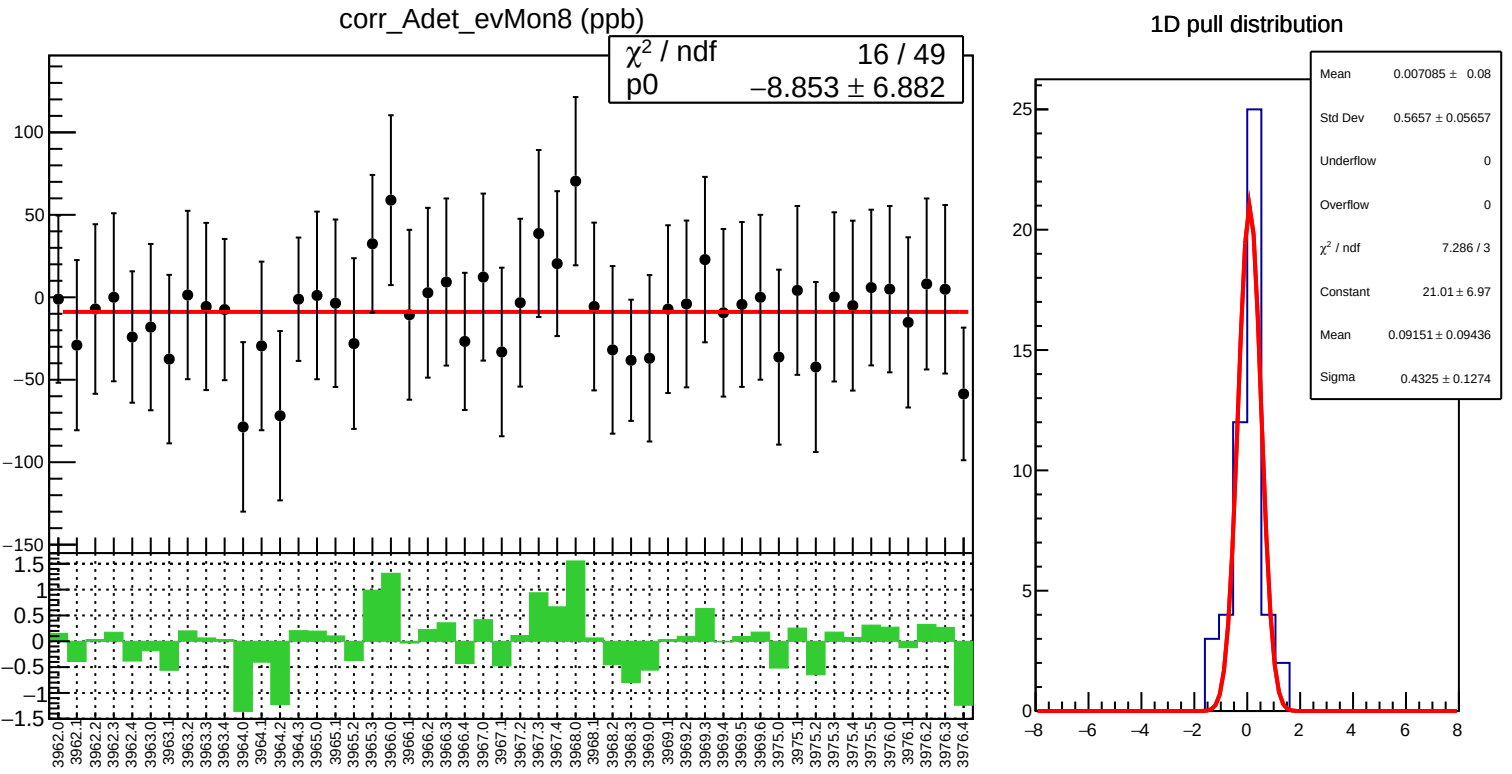
corr_Adet_evMon6 RMS (ppm)



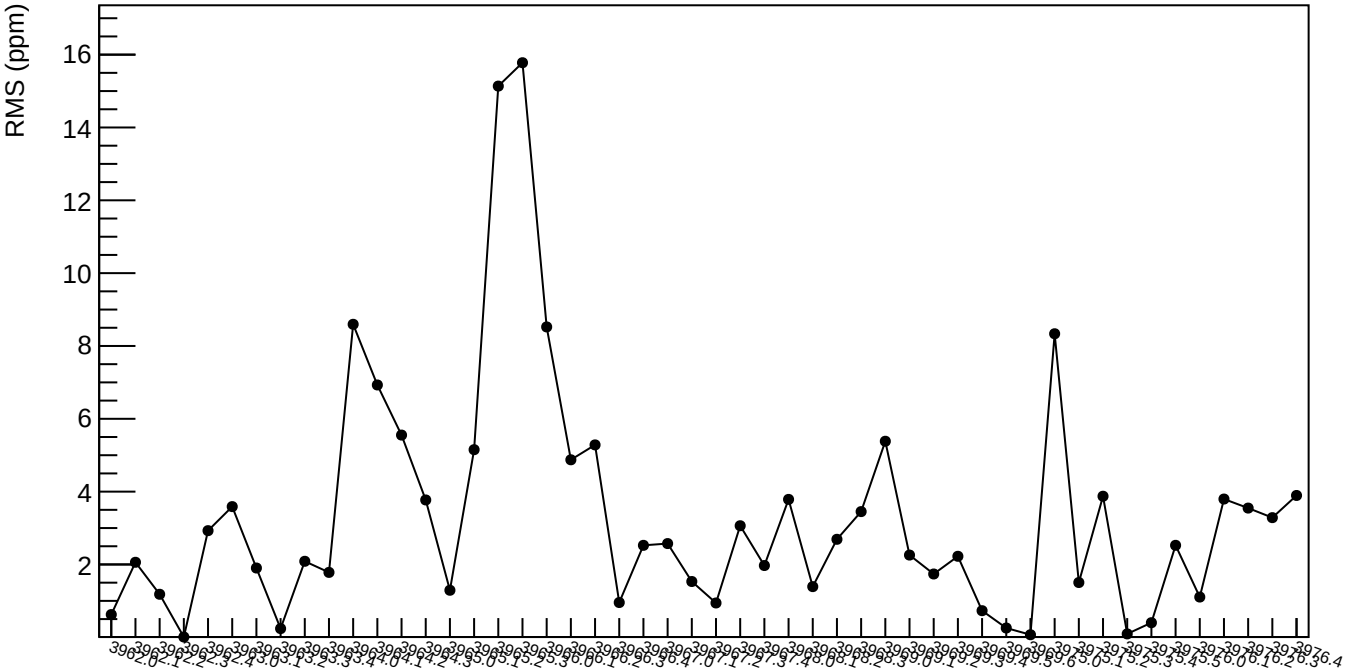

corr_Adet_evMon7 (ppb)
χ² / ndf 41.13 / 49
p0 43.97 ± 18.49
1D pull distribution
Mean 0.007844 ± 0.1283
Std Dev 0.9069 ± 0.09069
Underflow 0
Overflow 0
χ² / ndf 2.121 / 5
Constant 10.63 ± 1.98
Mean −0.1776 ± 0.2317
Sigma 1.052 ± 0.196

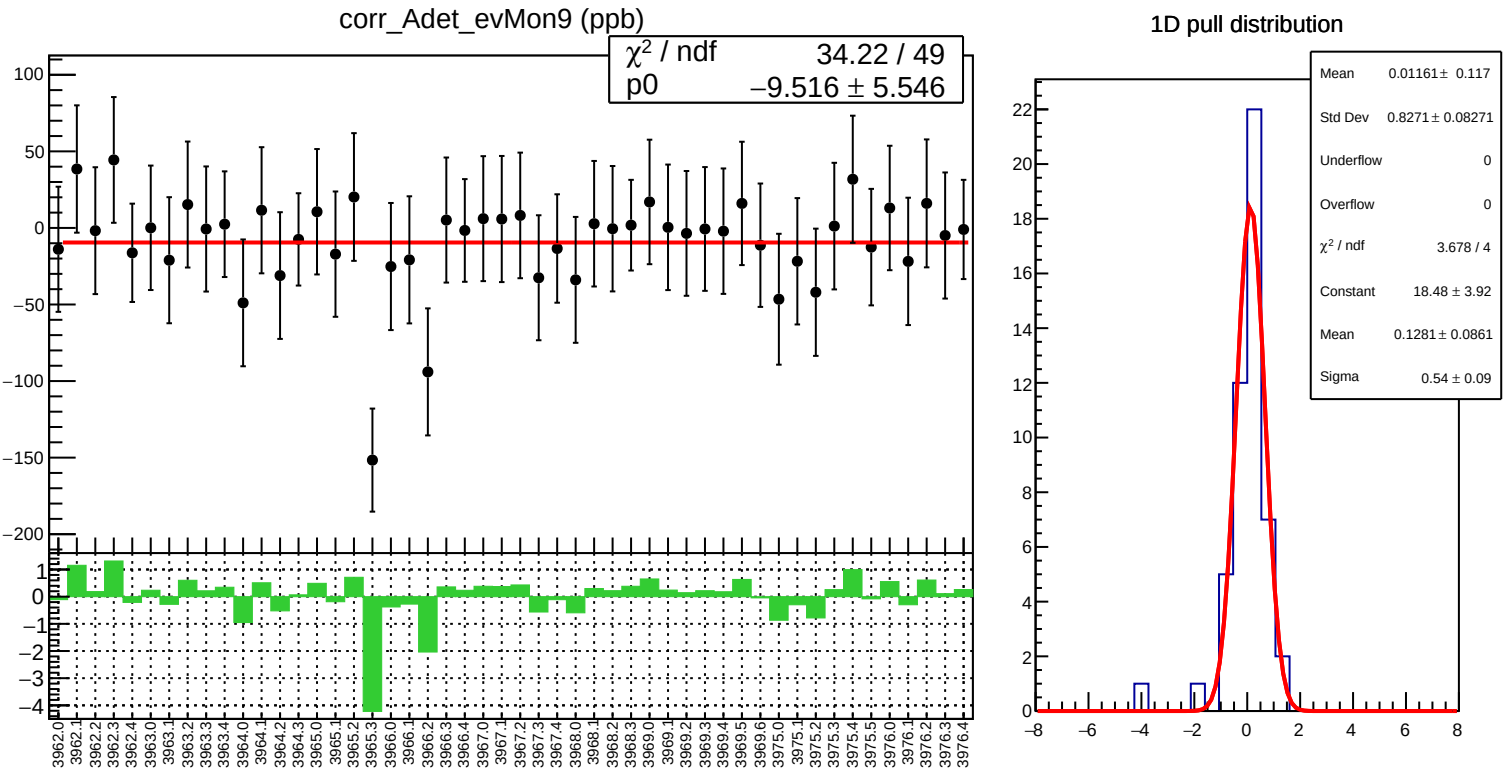
corr_Adet_evMon7 RMS (ppm)



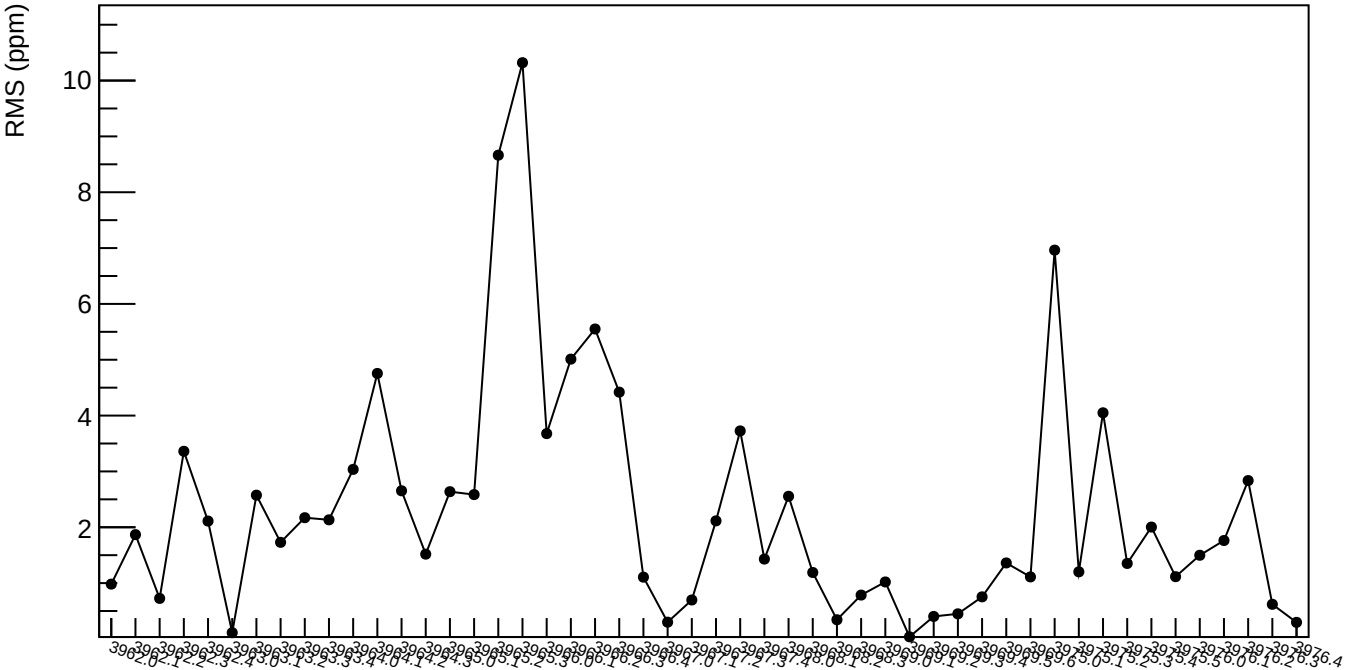

corr_Adet_evMon8 (ppb)
χ² / ndf 16 / 49
p0 −8.853 ± 6.882
1D pull distribution
Mean 0.007085 ± 0.08
Std Dev 0.5657 ± 0.05657
Underflow 0
Overflow 0
χ² / ndf 7.286 / 3
Constant 21.01 ± 6.97
Mean 0.09151 ± 0.09436
Sigma 0.4325 ± 0.1274

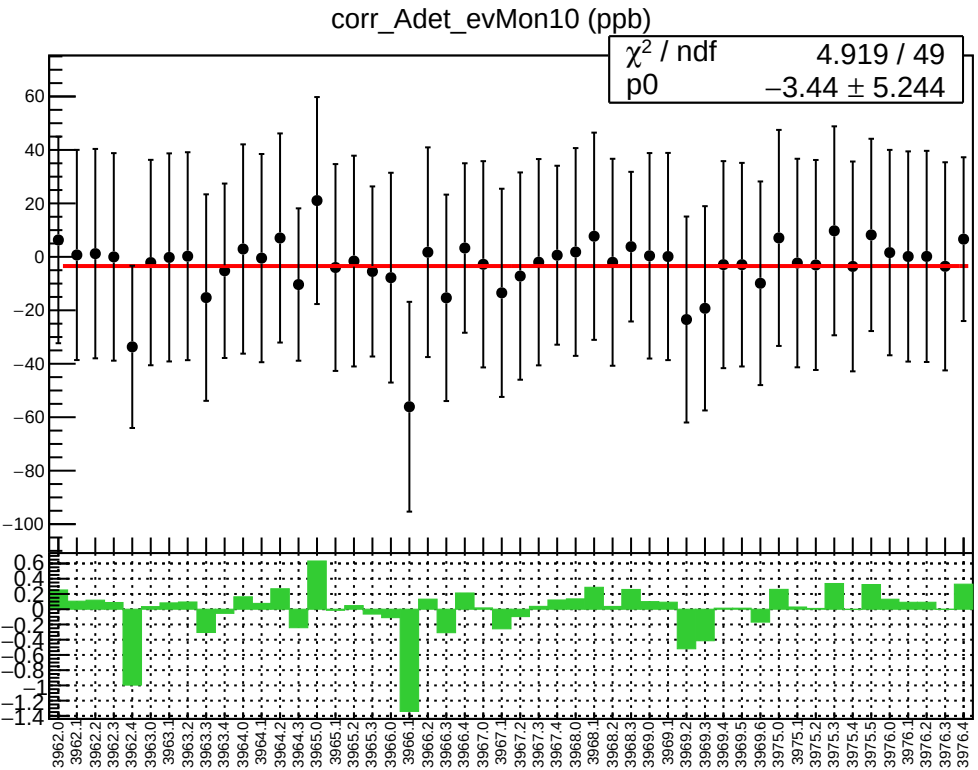
corr_Adet_evMon8 RMS (ppm)

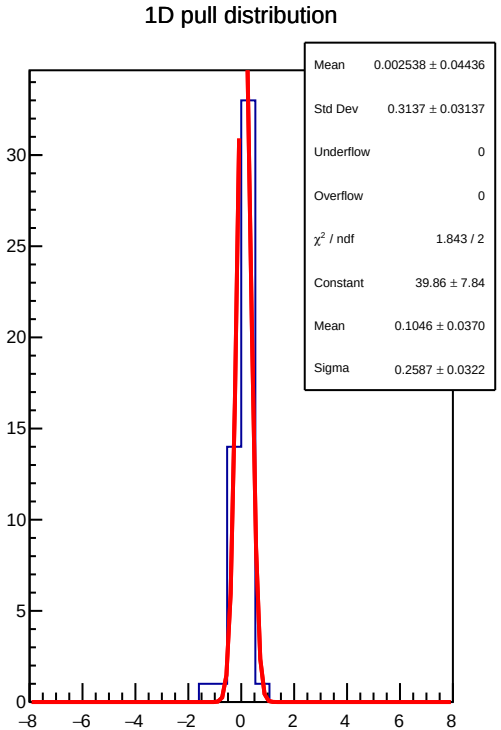



corr_Adet_evMon9 (ppb)
χ² / ndf 34.22 / 49
p0 −9.516 ± 5.546
1D pull distribution
Mean 0.01161 ± 0.117
Std Dev 0.8271 ± 0.08271
Underflow 0
Overflow 0
χ² / ndf 3.678 / 4
Constant 18.48 ± 3.92
Mean 0.1281 ± 0.0861
Sigma 0.54 ± 0.09

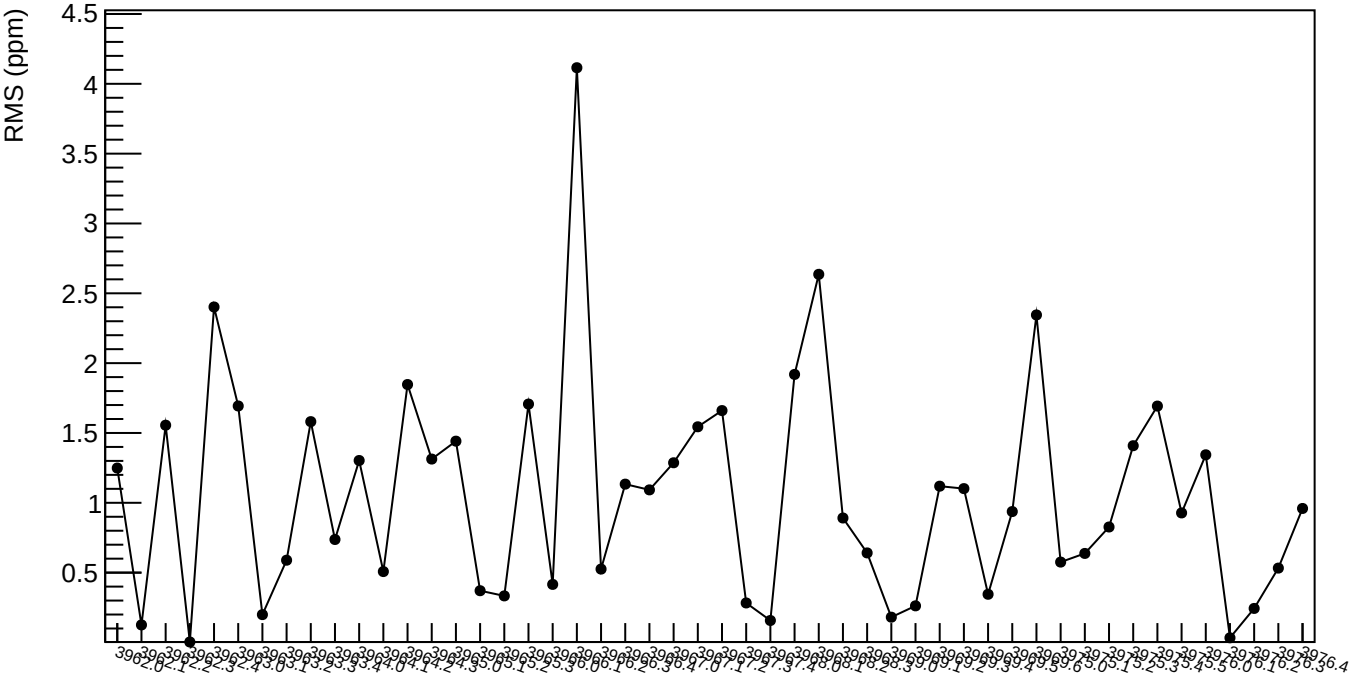
corr_Adet_evMon9 RMS (ppm)

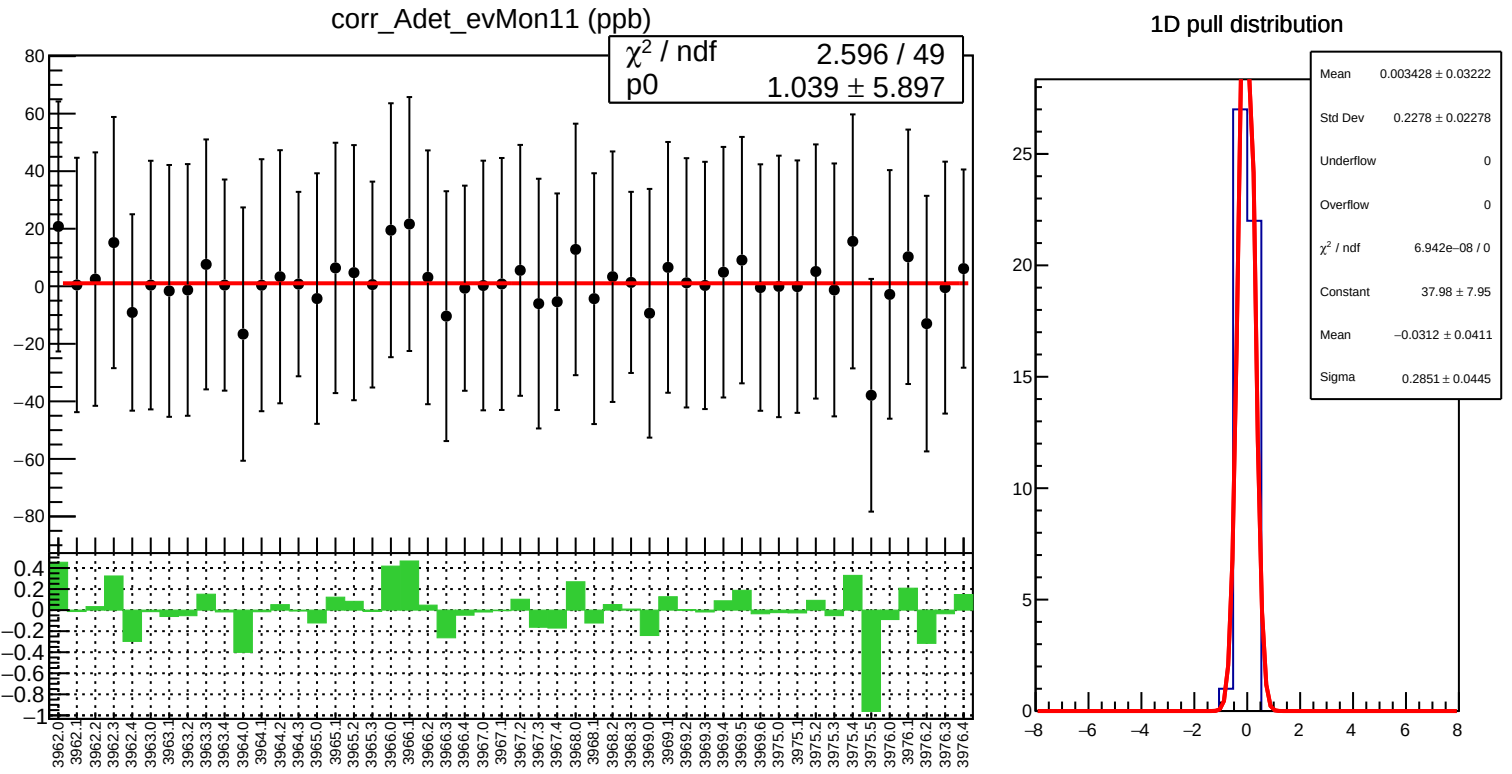



corr_Adet_evMon10 (ppb)
χ² / ndf 4.919 / 49
p0 −3.44 ± 5.244

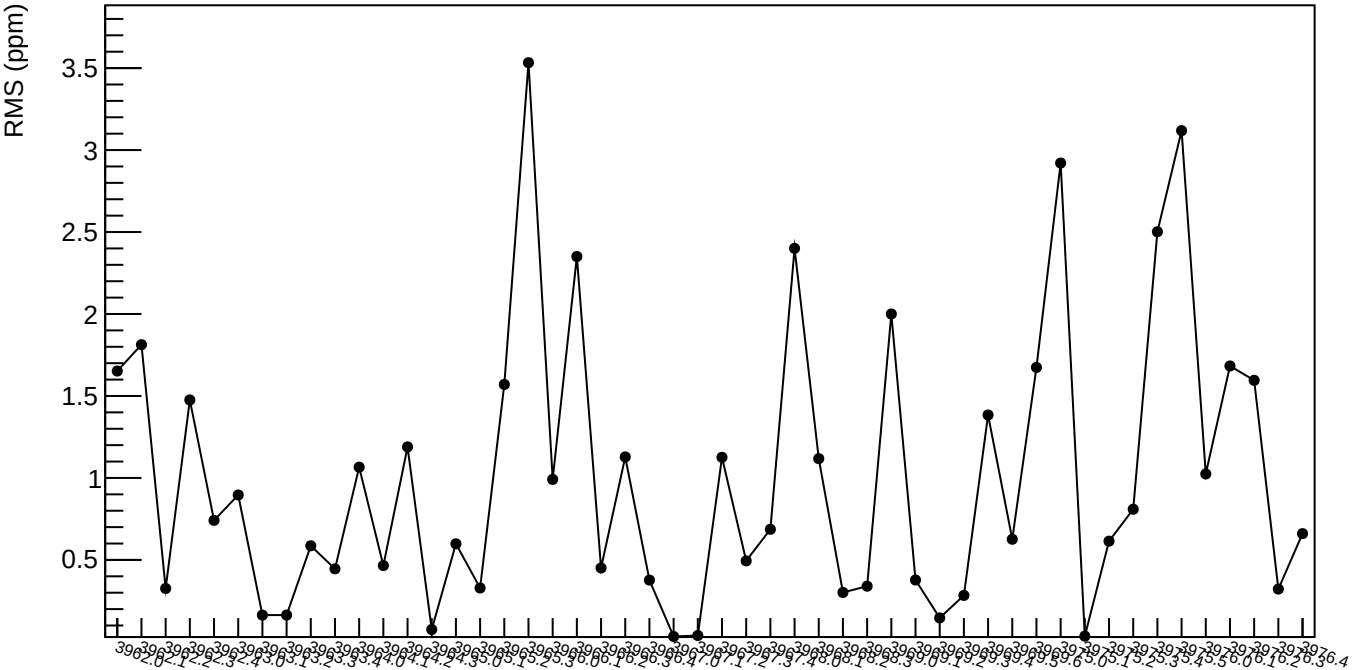

1D pull distribution
Mean 0.002538 ± 0.04436
Std Dev 0.3137 ± 0.03137
Underflow 0
Overflow 0
χ² / ndf 1.843 / 2
Constant 39.86 ± 7.84
Mean 0.1046 ± 0.0370
Sigma 0.2587 ± 0.0322

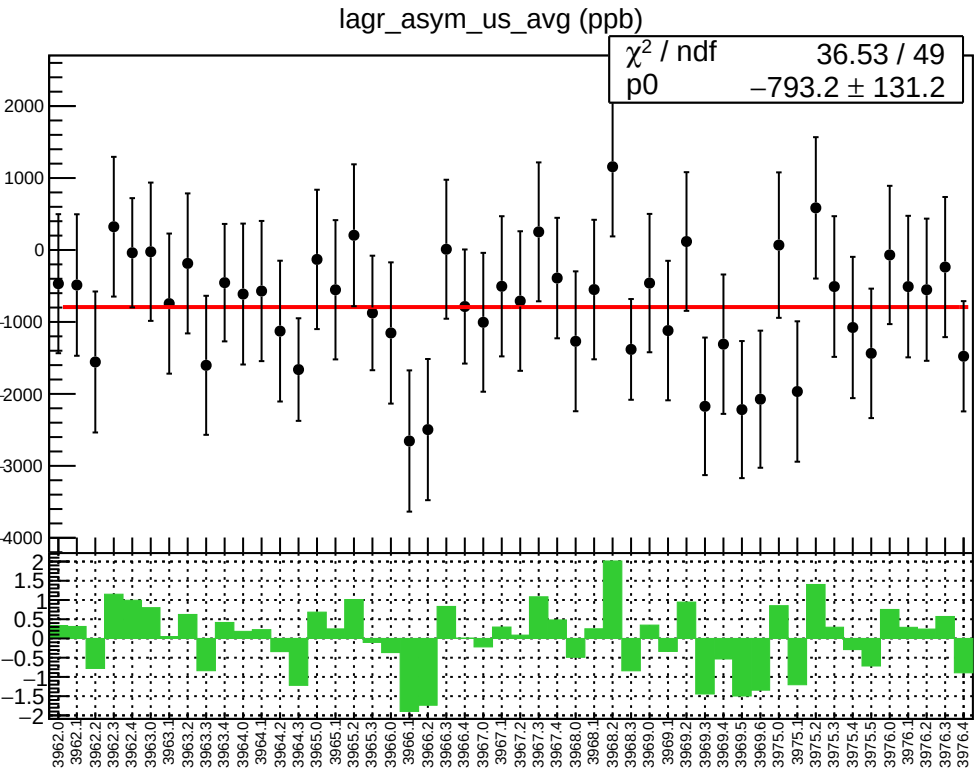
corr_Adet_evMon10 RMS (ppm)

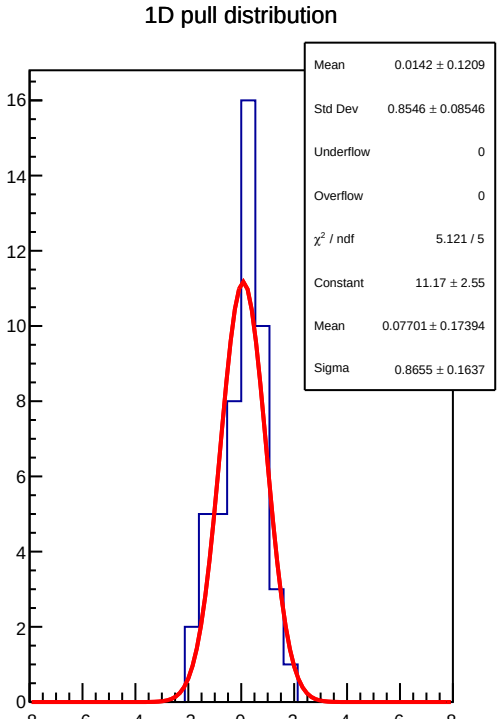



corr_Adet_evMon11 (ppb)
χ² / ndf 2.596 / 49
p0 1.039 ± 5.897
1D pull distribution
Mean 0.003428 ± 0.03222
Std Dev 0.2278 ± 0.02278
Underflow 0
Overflow 0
χ² / ndf 6.942e−08 / 0
Constant 37.98 ± 7.95
Mean −0.0312 ± 0.0411
Sigma 0.2851 ± 0.0445

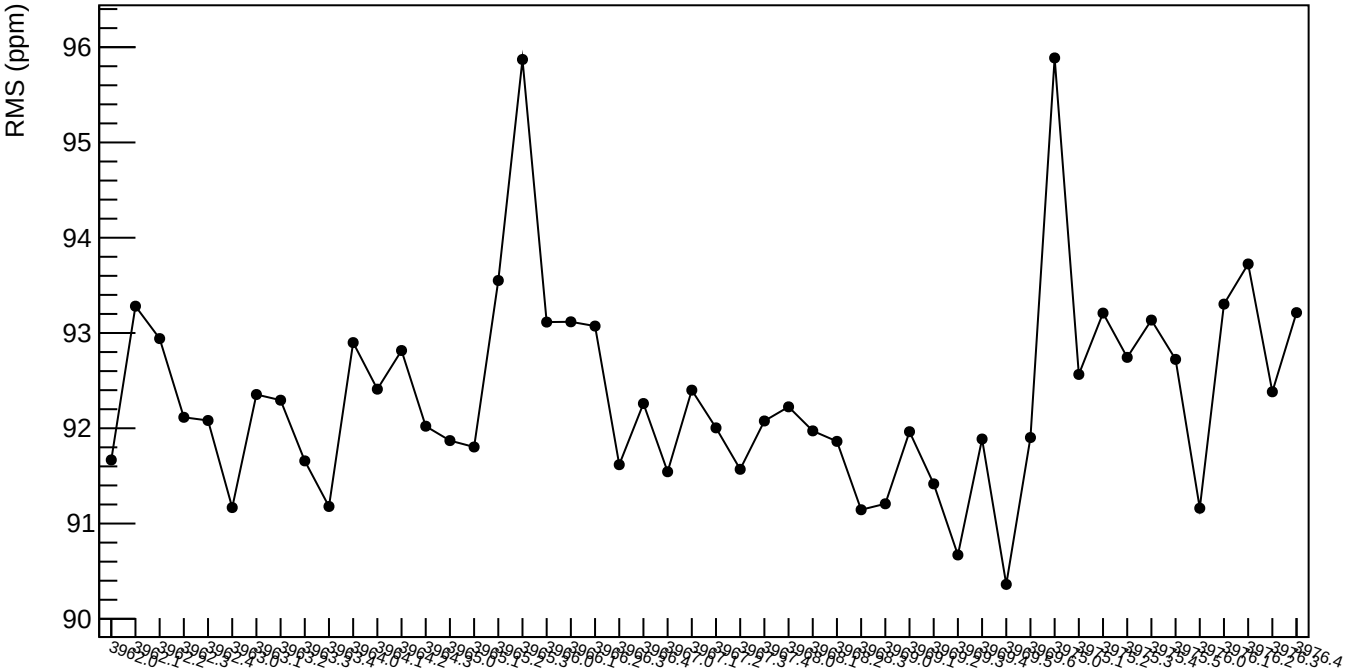
corr_Adet_evMon11 RMS (ppm)

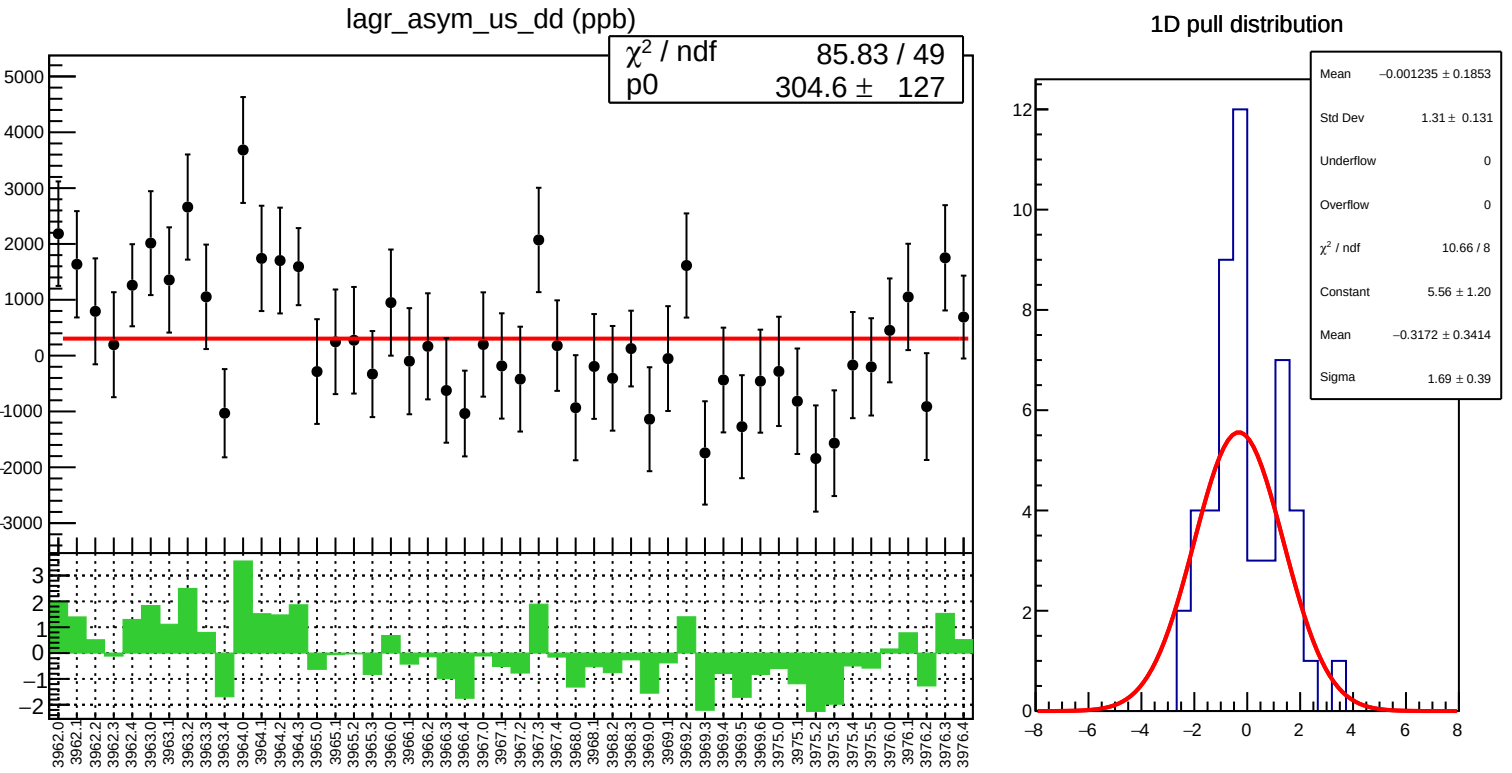



lagr_asym_us_avg (ppb)
χ^2 / ndf 36.53 / 49
p0 −793.2 ± 131.2

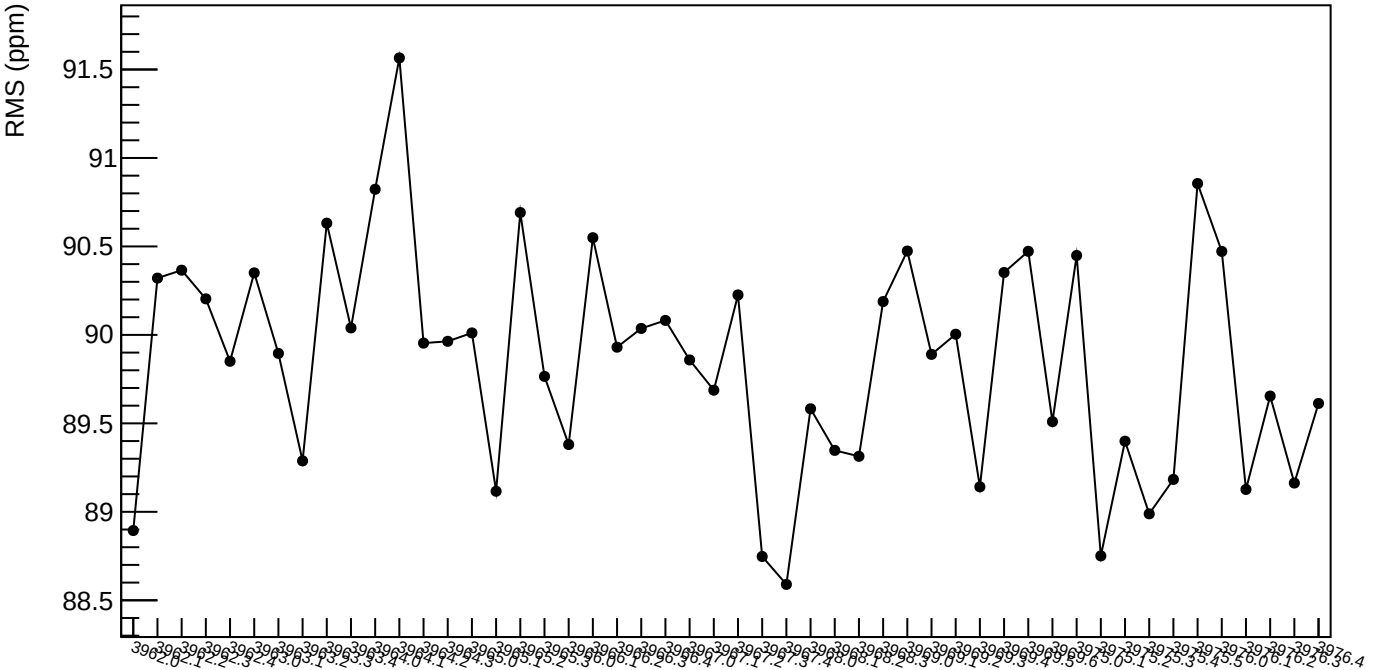

1D pull distribution
Mean 0.0142 ± 0.1209
Std Dev 0.8546 ± 0.08546
Underflow 0
Overflow 0
χ^2 / ndf 5.121 / 5
Constant 11.17 ± 2.55
Mean 0.07701 ± 0.17394
Sigma 0.8655 ± 0.1637

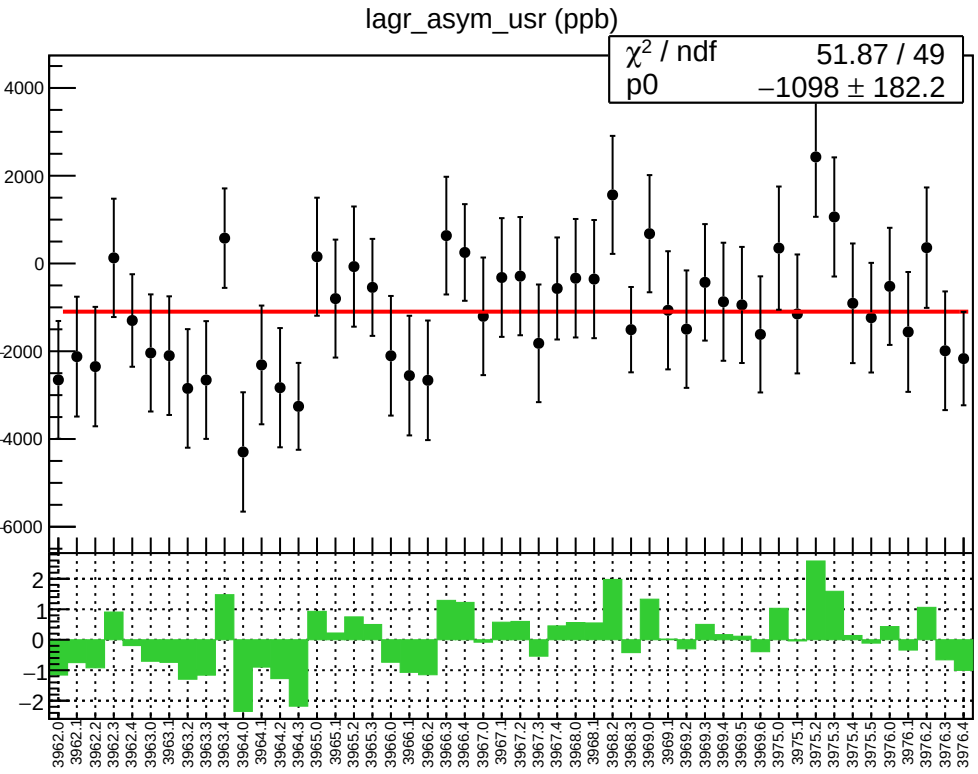
lagr_asym_us_avg RMS (ppm)

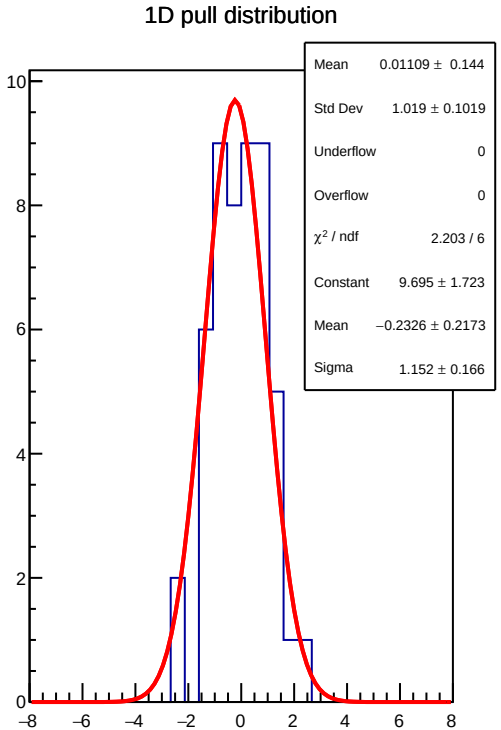


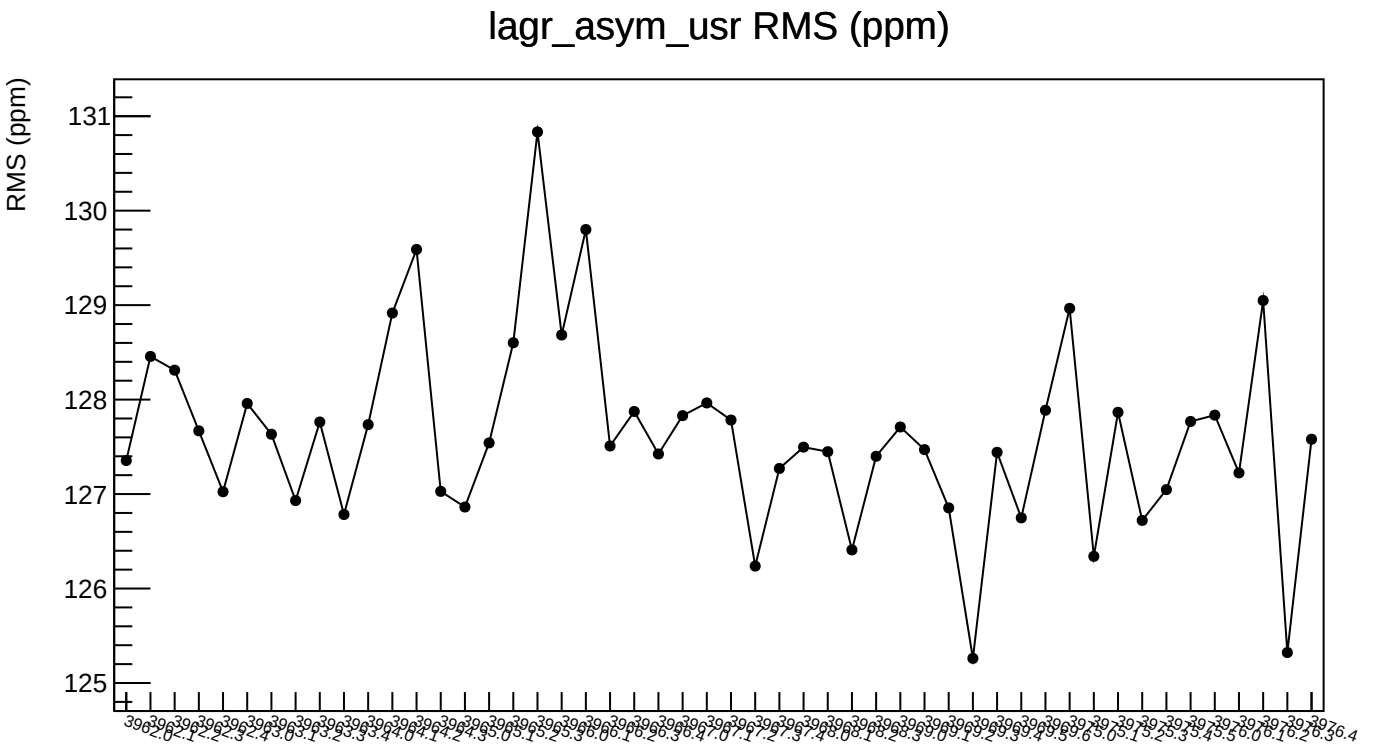

lagr_asym_us_dd (ppb)
χ² / ndf 85.83 / 49
p0 304.6 ± 127
1D pull distribution
Mean −0.001235 ± 0.1853
Std Dev 1.31 ± 0.131
Underflow 0
Overflow 0
χ² / ndf 10.66 / 8
Constant 5.56 ± 1.20
Mean −0.3172 ± 0.3414
Sigma 1.69 ± 0.39

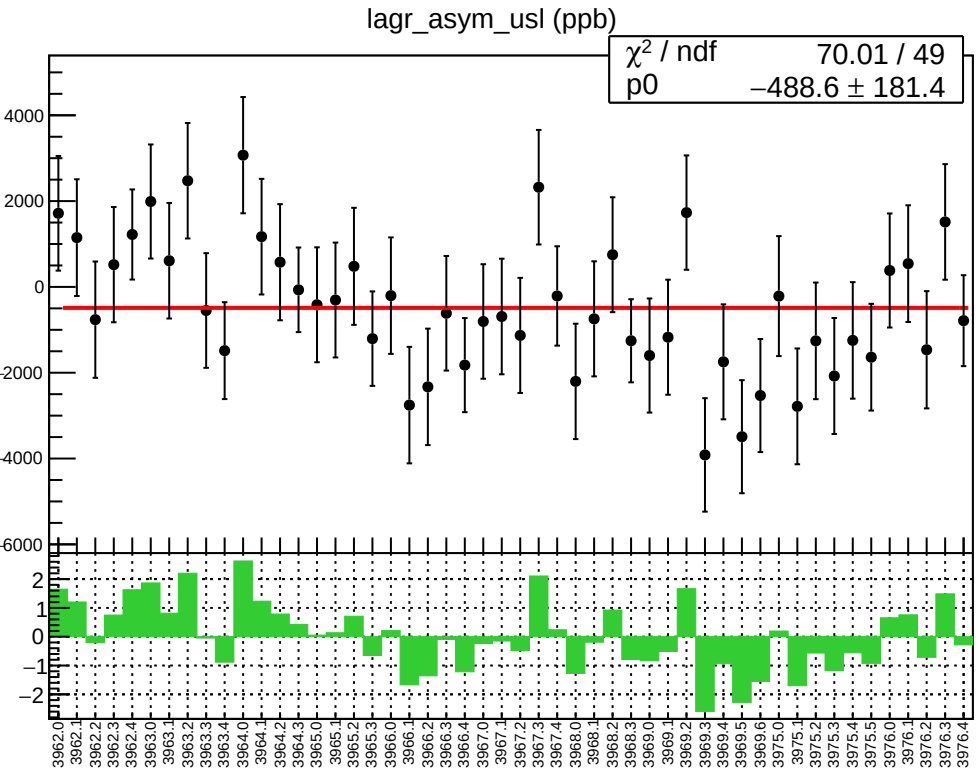
lagr_asym_us_dd RMS (ppm)

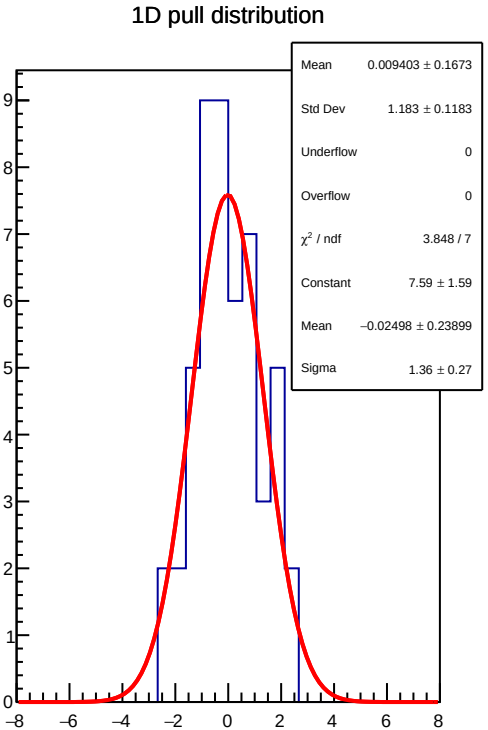


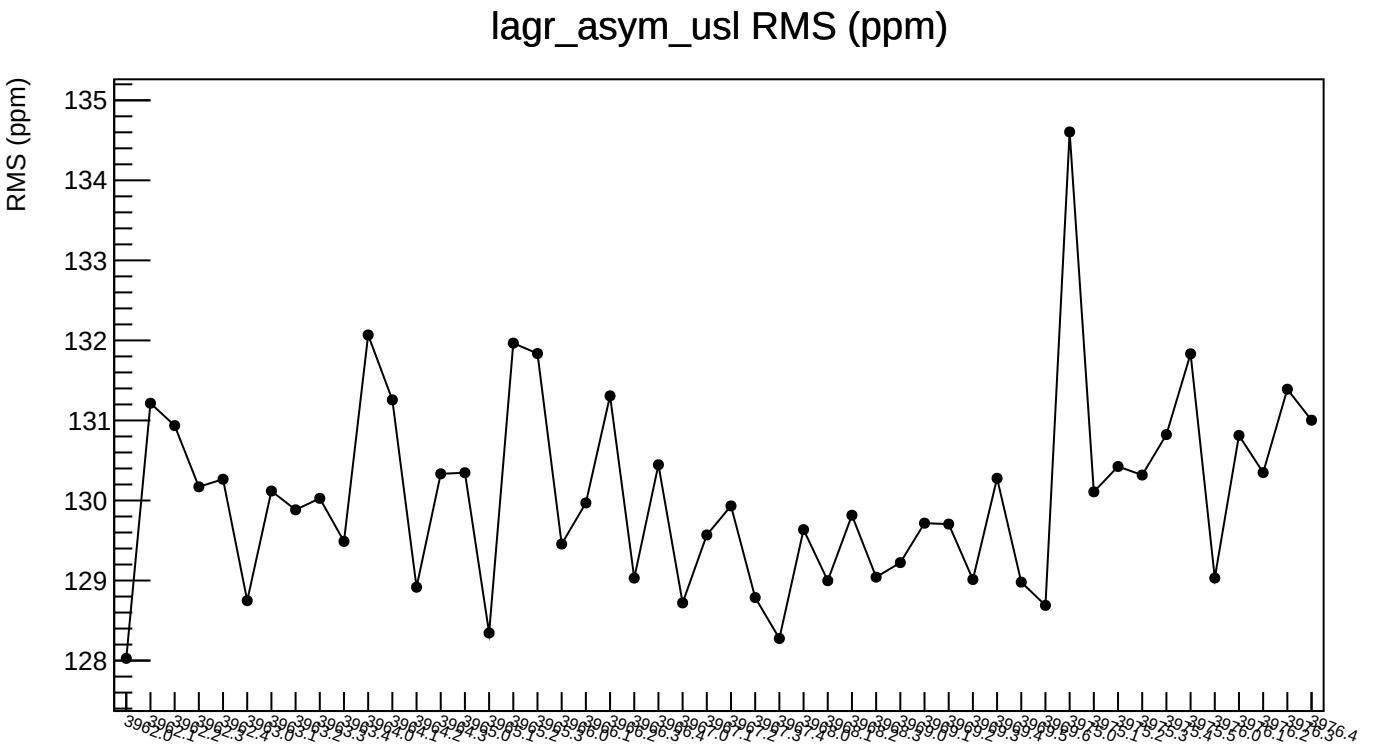

lagr_asym_usr (ppb)
χ² / ndf 51.87 / 49
p0 −1098 ± 182.2
4000
2000
0
-2000
-4000
-6000
2
1
0
−1
−2
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4

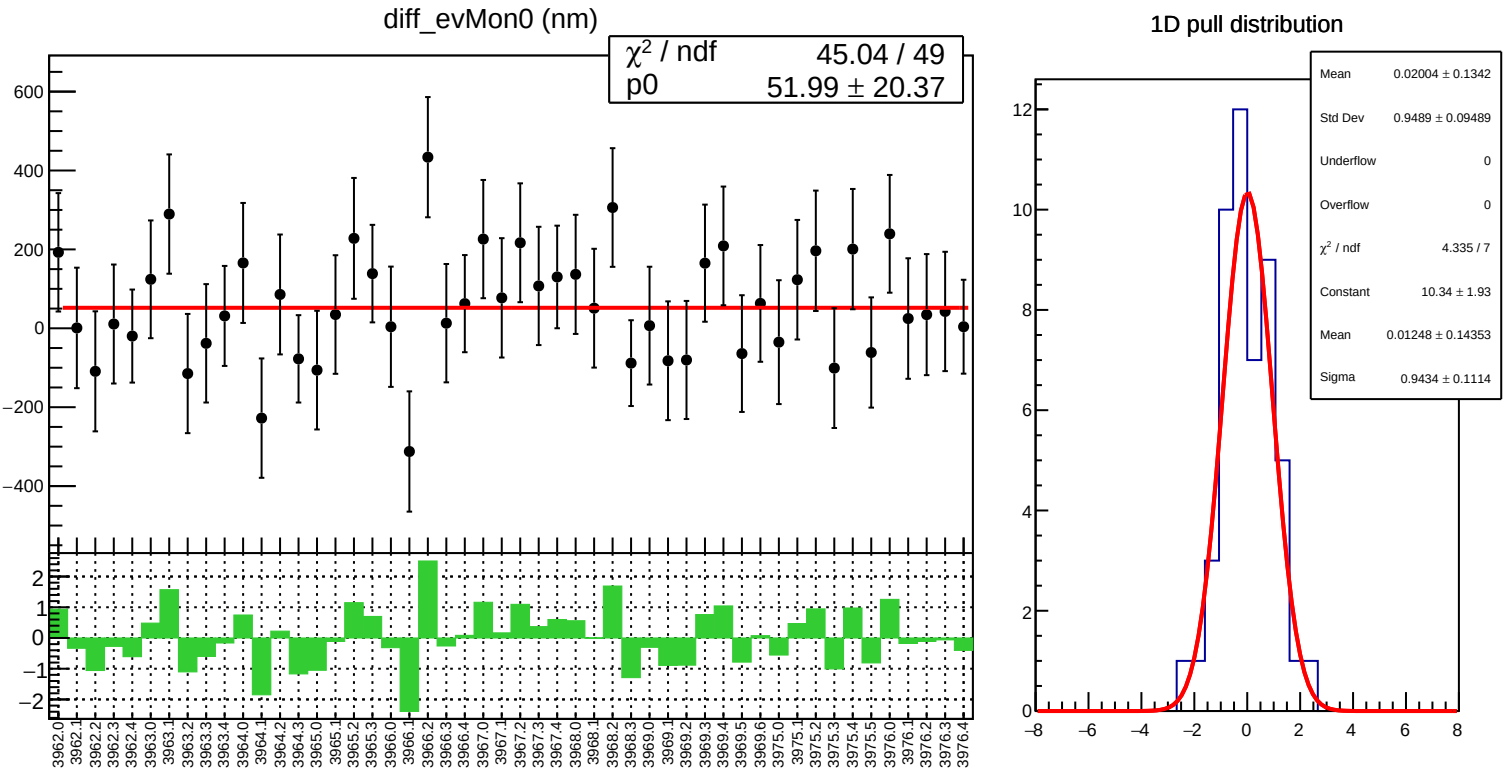

1D pull distribution
Mean 0.01109 ± 0.144
Std Dev 1.019 ± 0.1019
Underflow 0
Overflow 0
χ² / ndf 2.203 / 6
Constant 9.695 ± 1.723
Mean −0.2326 ± 0.2173
Sigma 1.152 ± 0.166
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

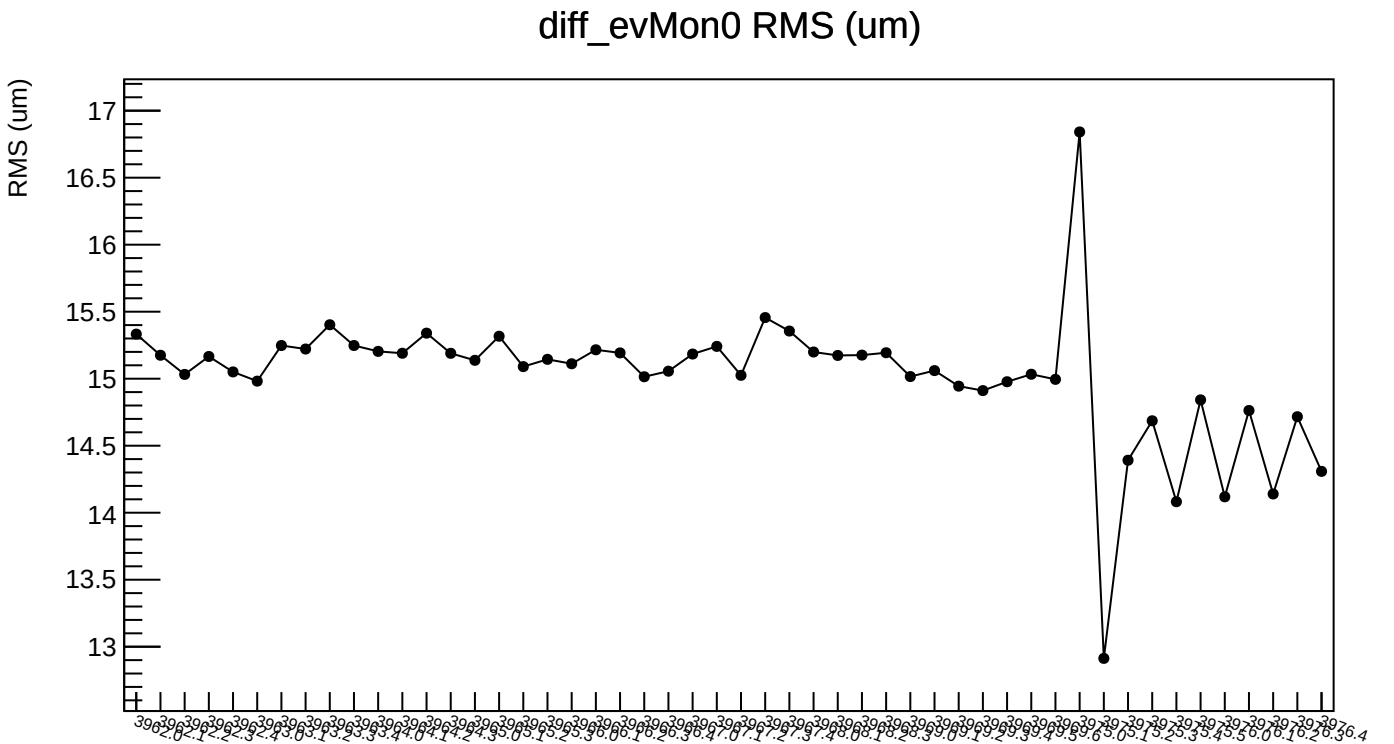

lagr_asym_usr RMS (ppm)
RMS (ppm)
131
130
129
128
127
126
125

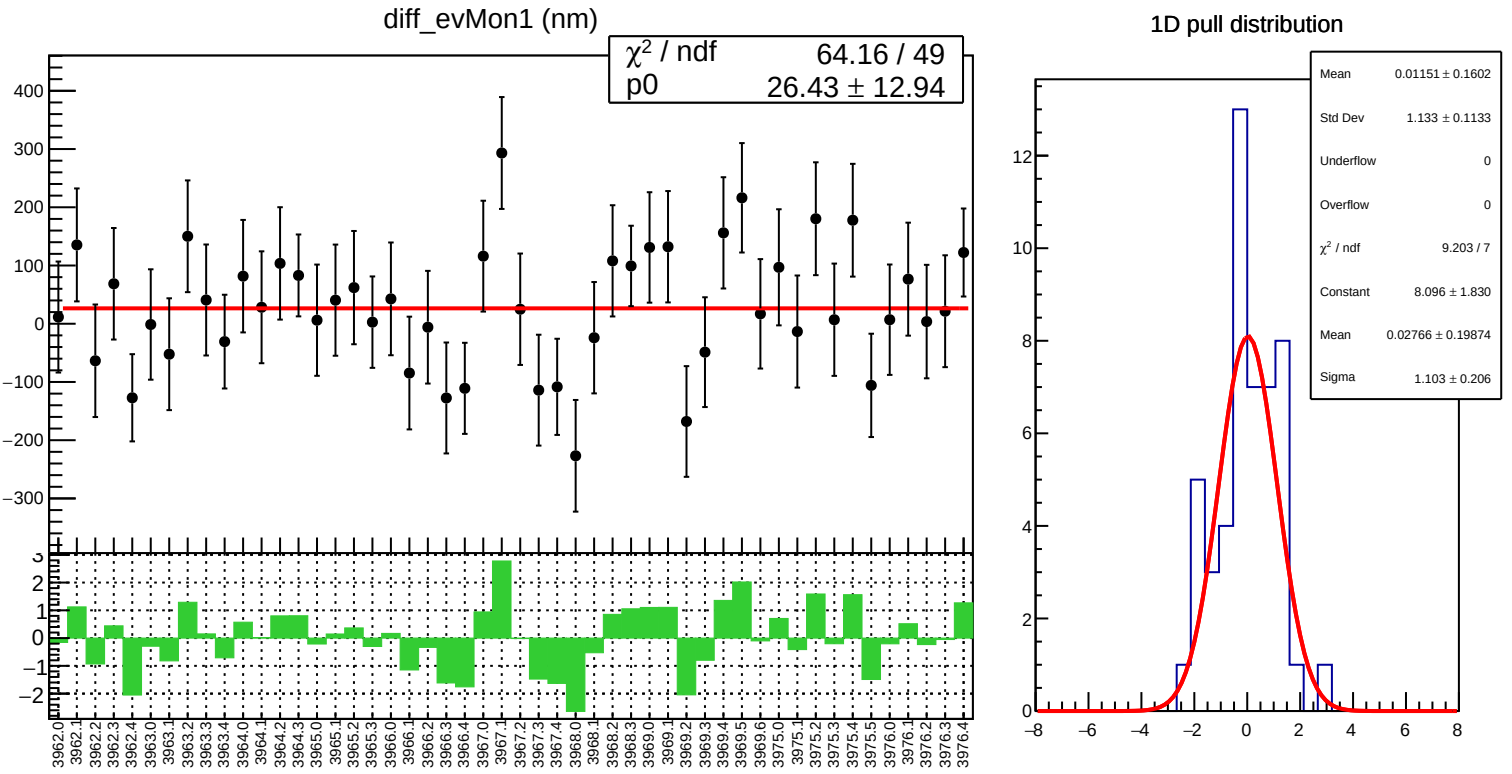

lagr_asym_usl (ppb)
χ² / ndf 70.01 / 49
p0 −488.6 ± 181.4
4000
2000
0
-2000
-4000
-6000
2
1
0
−1
−2
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4

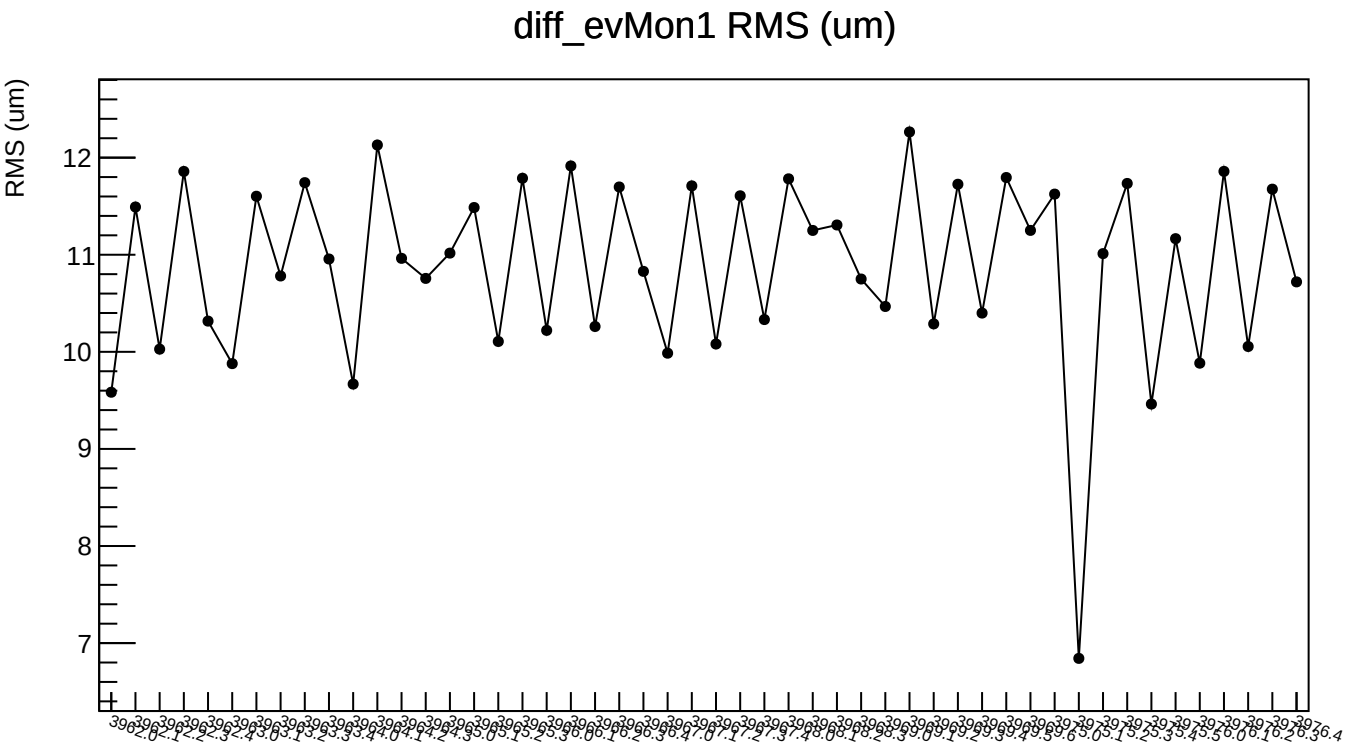

1D pull distribution
Mean 0.009403 ± 0.1673
Std Dev 1.183 ± 0.1183
Underflow 0
Overflow 0
χ² / ndf 3.848 / 7
Constant 7.59 ± 1.59
Mean −0.02498 ± 0.23899
Sigma 1.36 ± 0.27
9
8
7
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

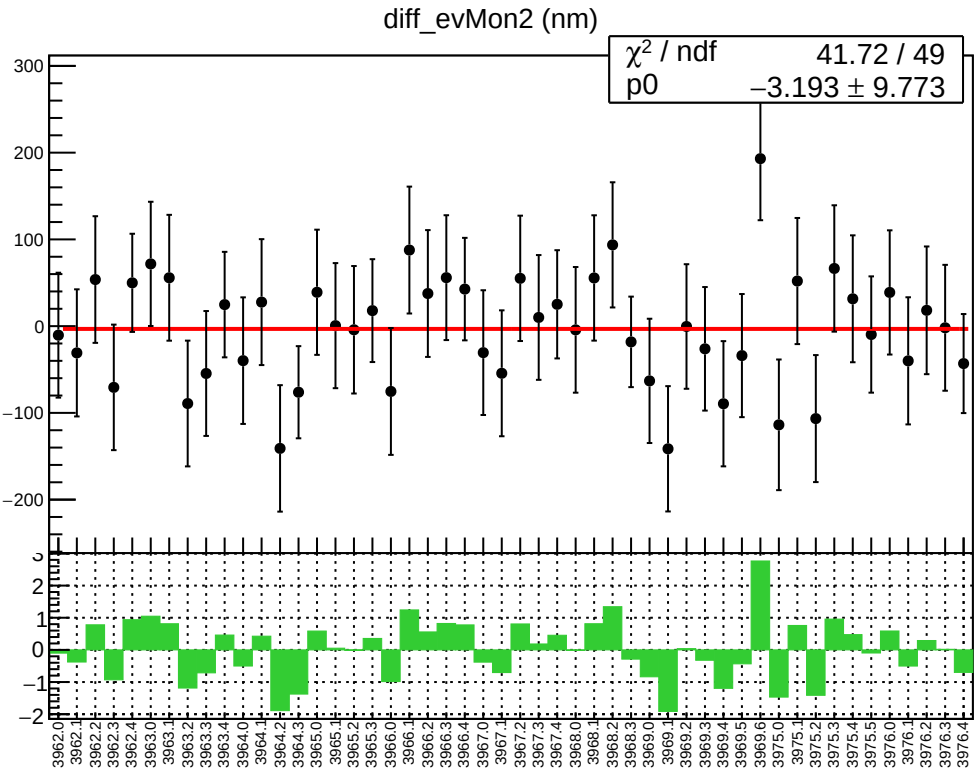

lagr_asym_usl RMS (ppm)
RMS (ppm)
135
134
133
132
131
130
129
128

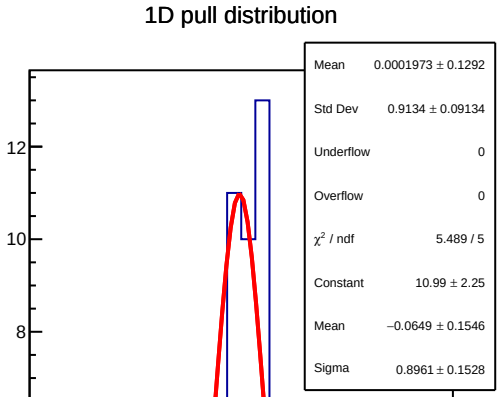

diff_evMon0 (nm)
χ² / ndf 45.04 / 49
p0 51.99 ± 20.37
1D pull distribution
Mean 0.02004 ± 0.1342
Std Dev 0.9489 ± 0.09489
Underflow 0
Overflow 0
χ² / ndf 4.335 / 7
Constant 10.34 ± 1.93
Mean 0.01248 ± 0.14353
Sigma 0.9434 ± 0.1114

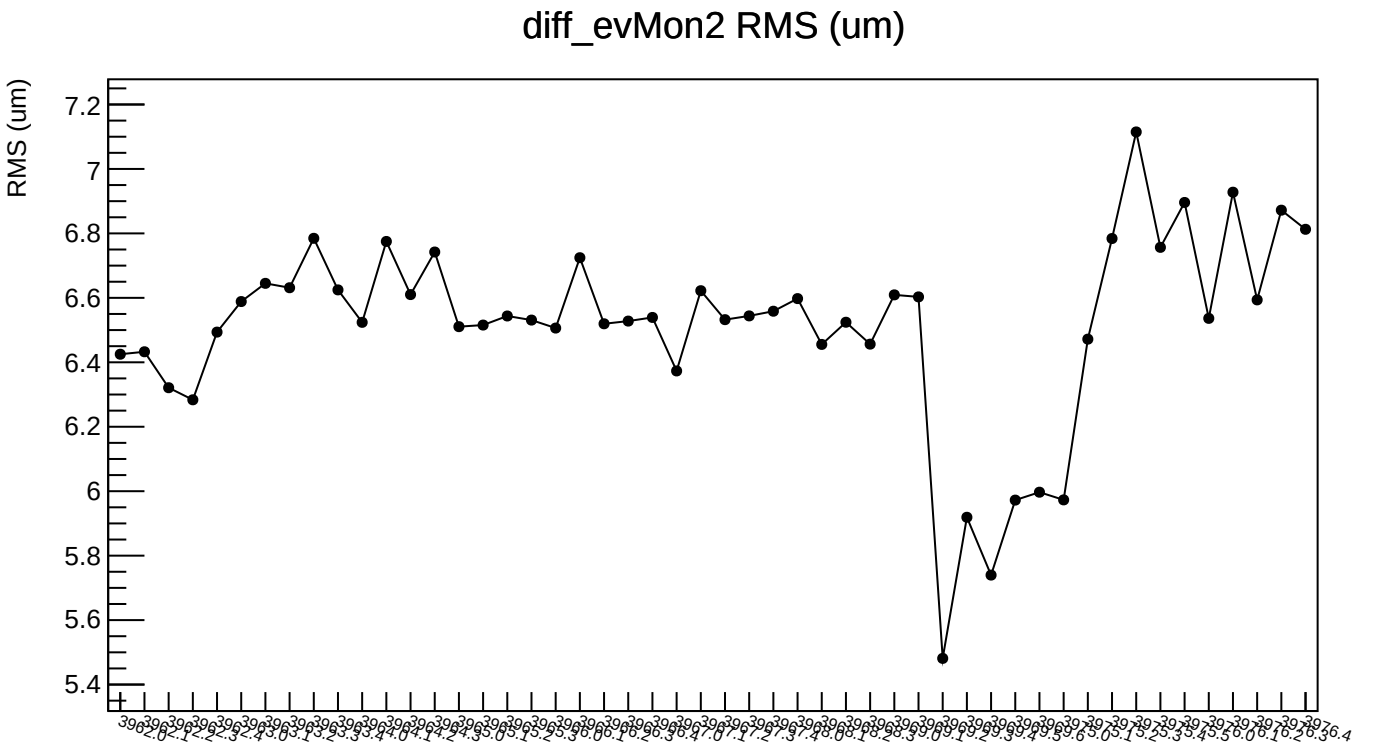

diff_evMon0 RMS (um)
RMS (um)
17
16.5
16
15.5
15
14.5
14
13.5
13

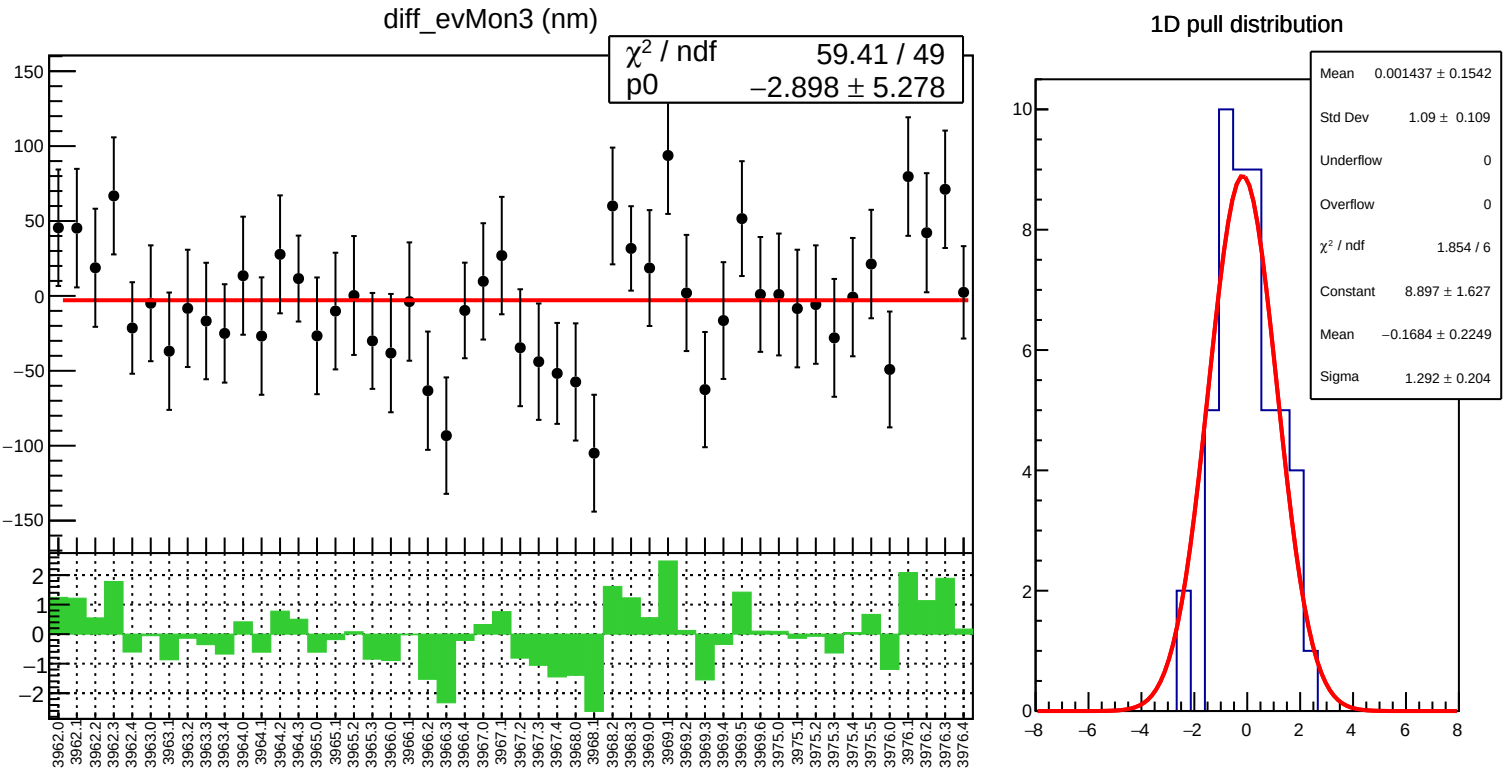

diff_evMon1 (nm)
χ² / ndf 64.16 / 49
p0 26.43 ± 12.94
1D pull distribution
Mean 0.01151 ± 0.1602
Std Dev 1.133 ± 0.1133
Underflow 0
Overflow 0
χ² / ndf 9.203 / 7
Constant 8.096 ± 1.830
Mean 0.02766 ± 0.19874
Sigma 1.103 ± 0.206

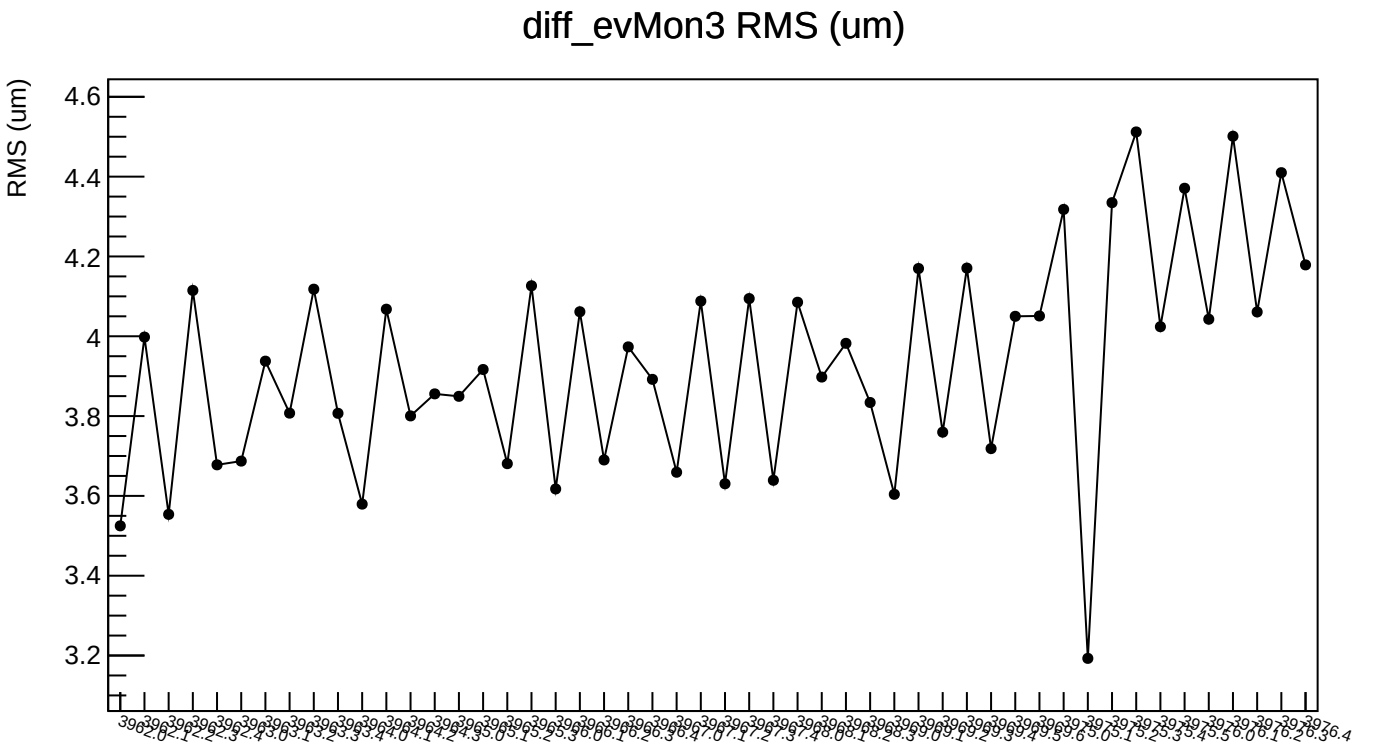

diff_evMon1 RMS (um)
RMS (um)
12
11
10
9
8
7

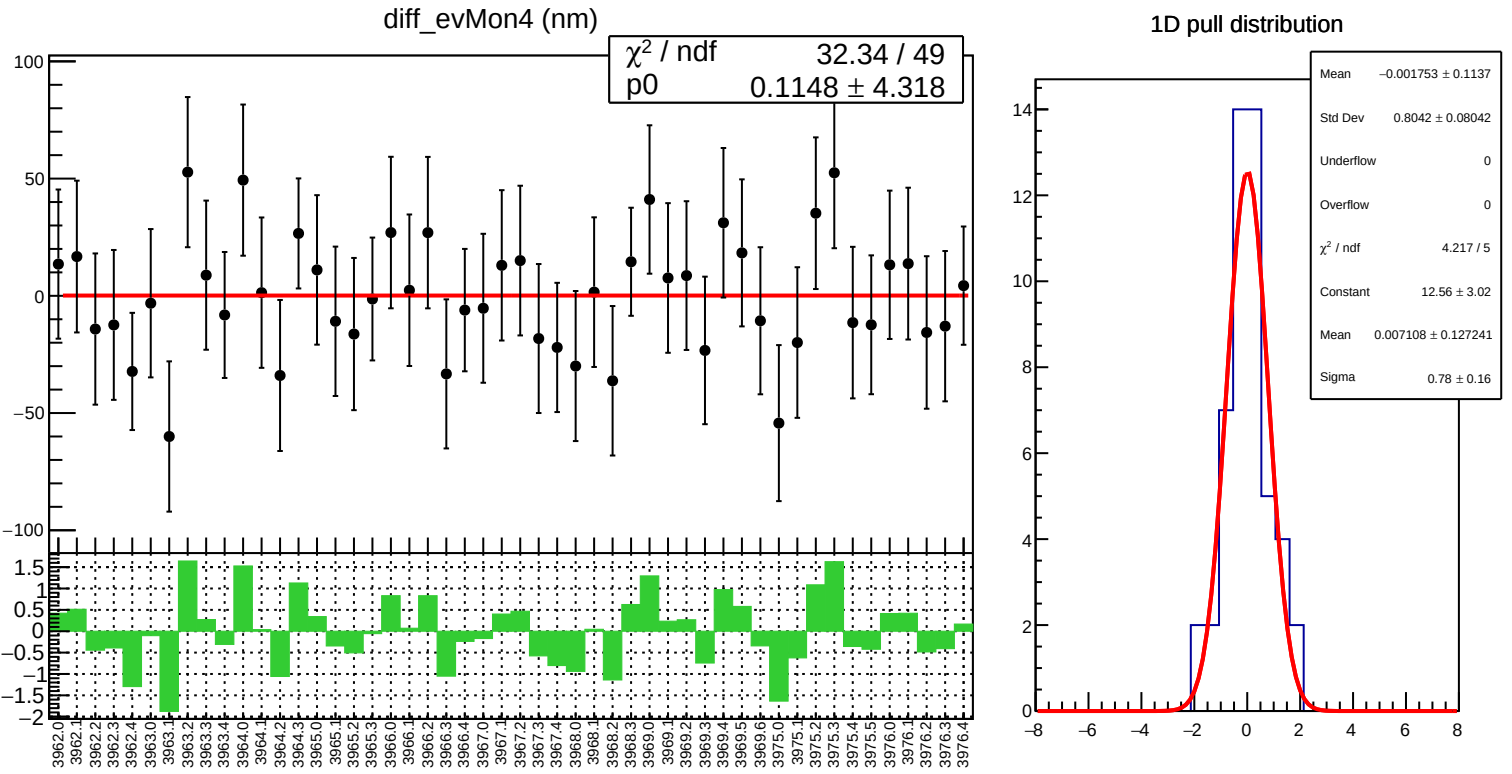

diff_evMon2 (nm)
χ² / ndf 41.72 / 49
p0 −3.193 ± 9.773

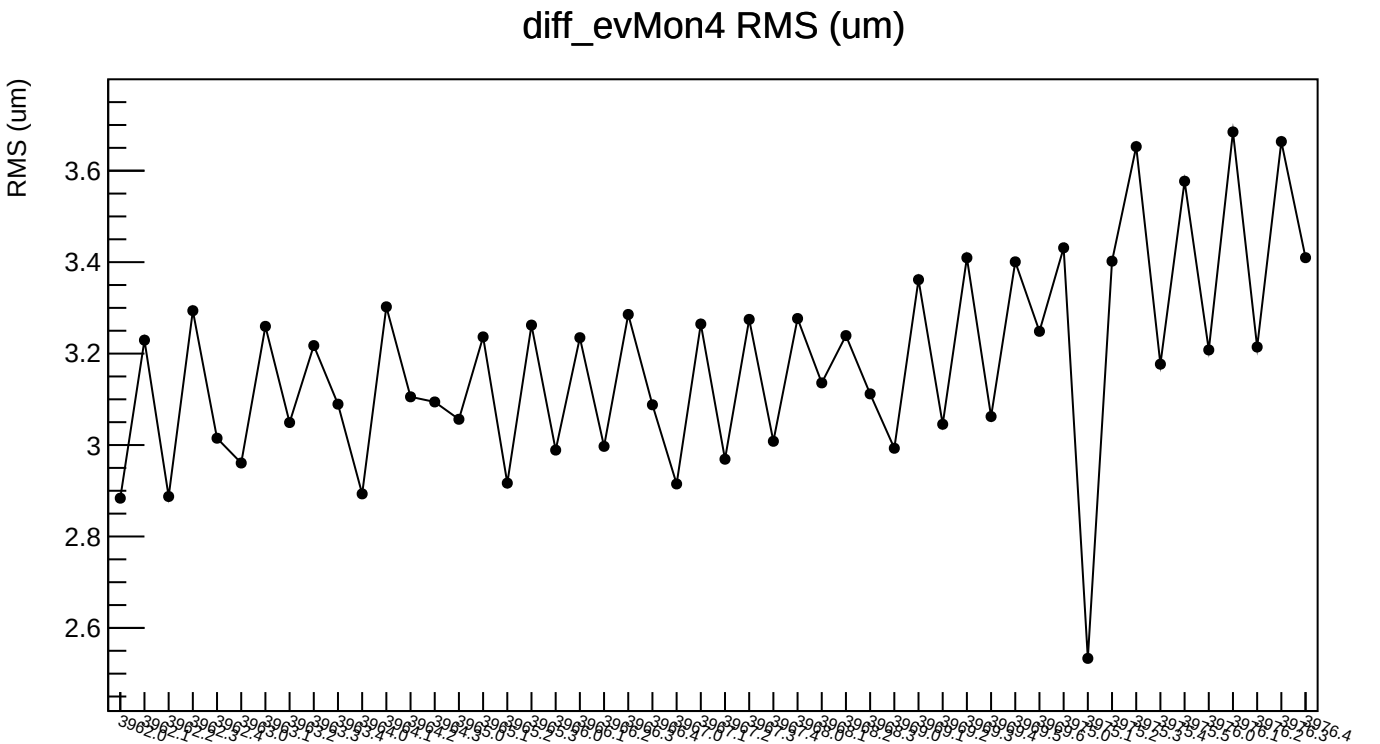

1D pull distribution
Mean 0.0001973 ± 0.1292
Std Dev 0.9134 ± 0.09134
Underflow 0
Overflow 0
χ² / ndf 5.489 / 5
Constant 10.99 ± 2.25
Mean −0.0649 ± 0.1546
Sigma 0.8961 ± 0.1528

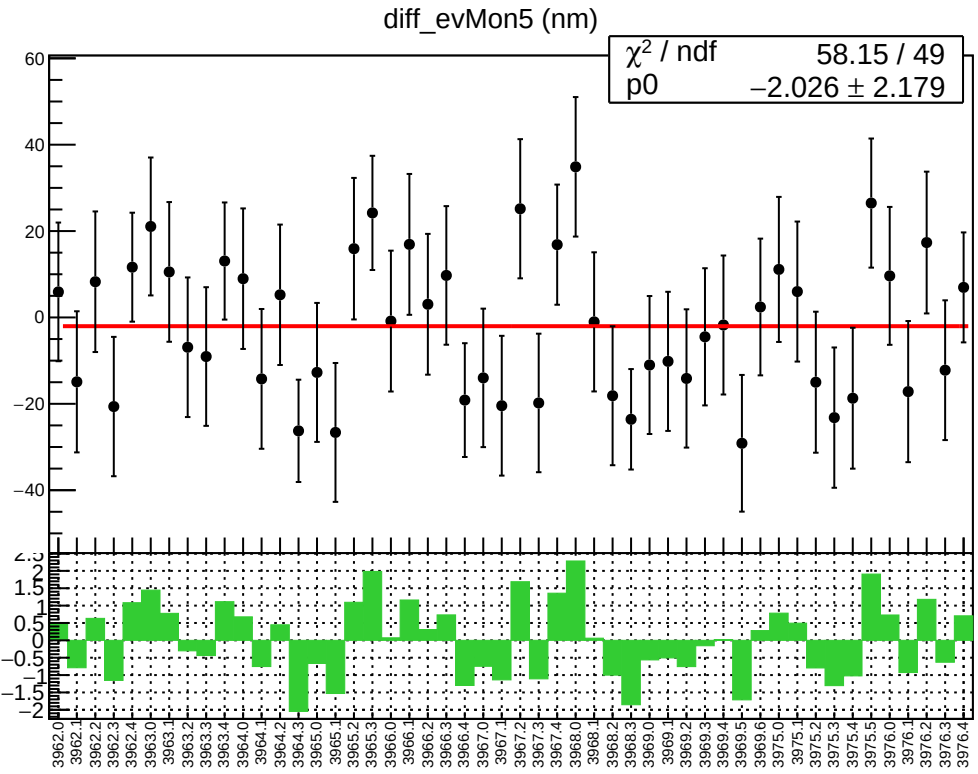

diff_evMon2 RMS (um)
RMS (um)
7.2
7
6.8
6.6
6.4
6.2
6
5.8
5.6
5.4

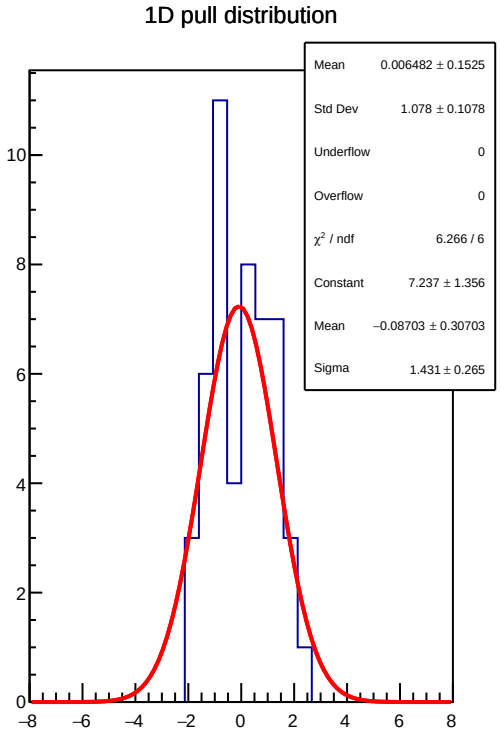

diff_evMon3 (nm)
χ² / ndf 59.41 / 49
p0 −2.898 ± 5.278
1D pull distribution
Mean 0.001437 ± 0.1542
Std Dev 1.09 ± 0.109
Underflow 0
Overflow 0
χ² / ndf 1.854 / 6
Constant 8.897 ± 1.627
Mean −0.1684 ± 0.2249
Sigma 1.292 ± 0.204

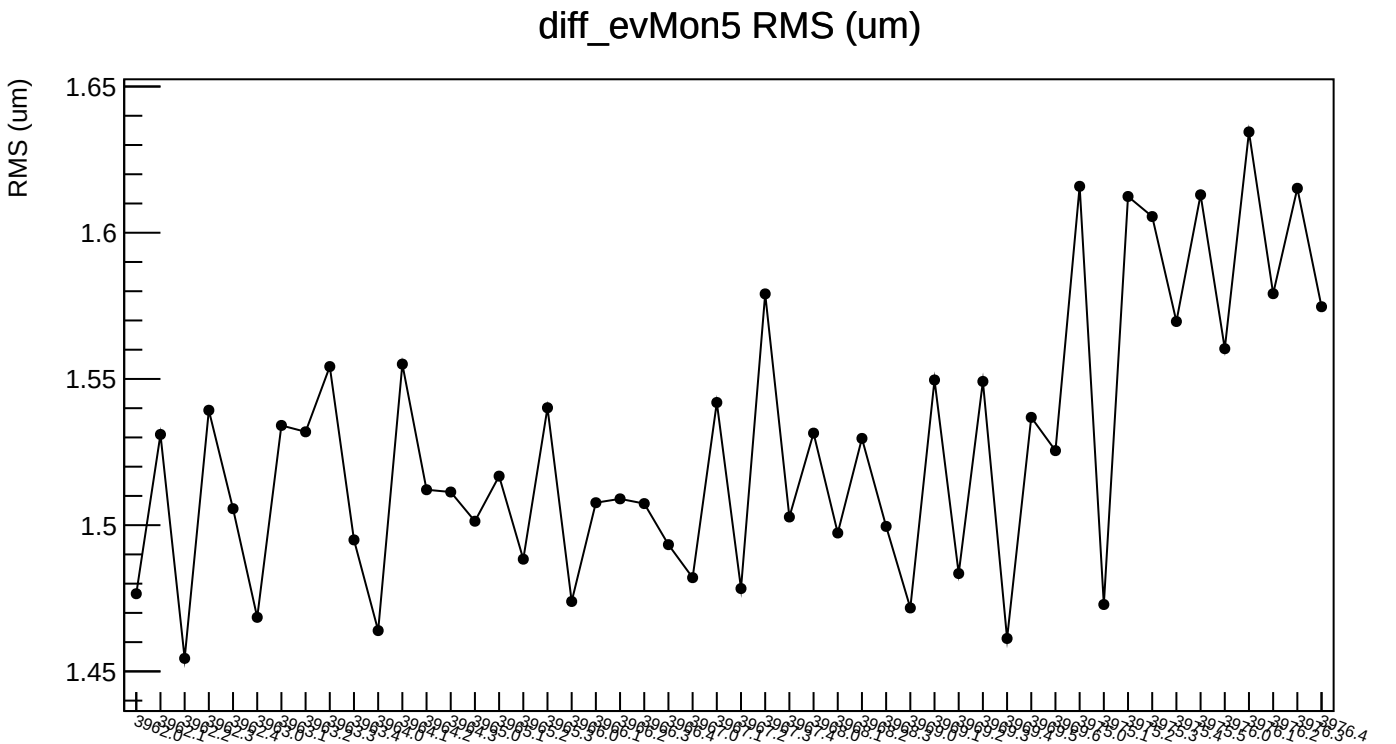

diff_evMon3 RMS (um)
RMS (um)
4.6
4.4
4.2
4
3.8
3.6
3.4
3.2

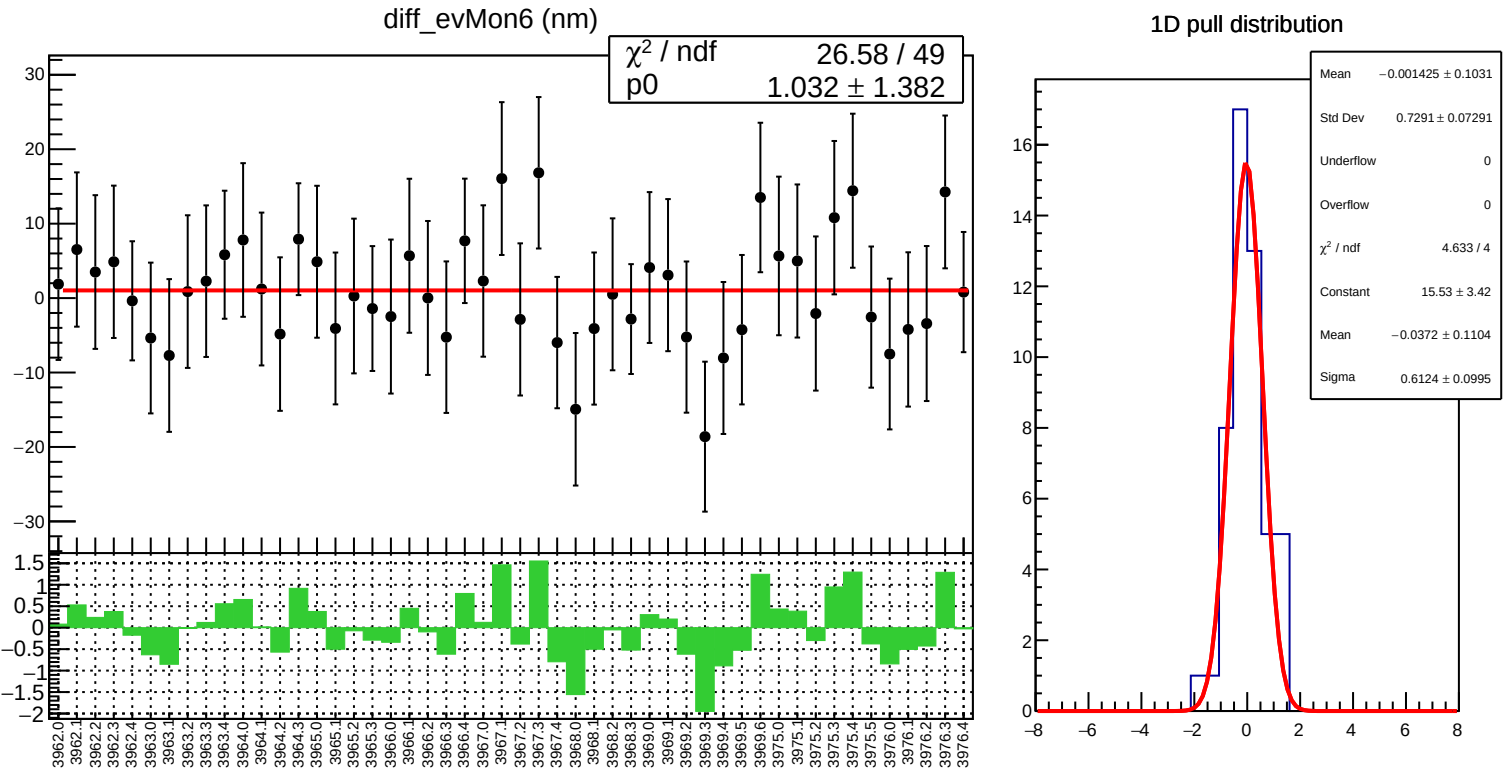

diff_evMon4 (nm)
χ² / ndf 32.34 / 49
p0 0.1148 ± 4.318
1D pull distribution
Mean −0.001753 ± 0.1137
Std Dev 0.8042 ± 0.08042
Underflow 0
Overflow 0
χ² / ndf 4.217 / 5
Constant 12.56 ± 3.02
Mean 0.007108 ± 0.127241
Sigma 0.78 ± 0.16

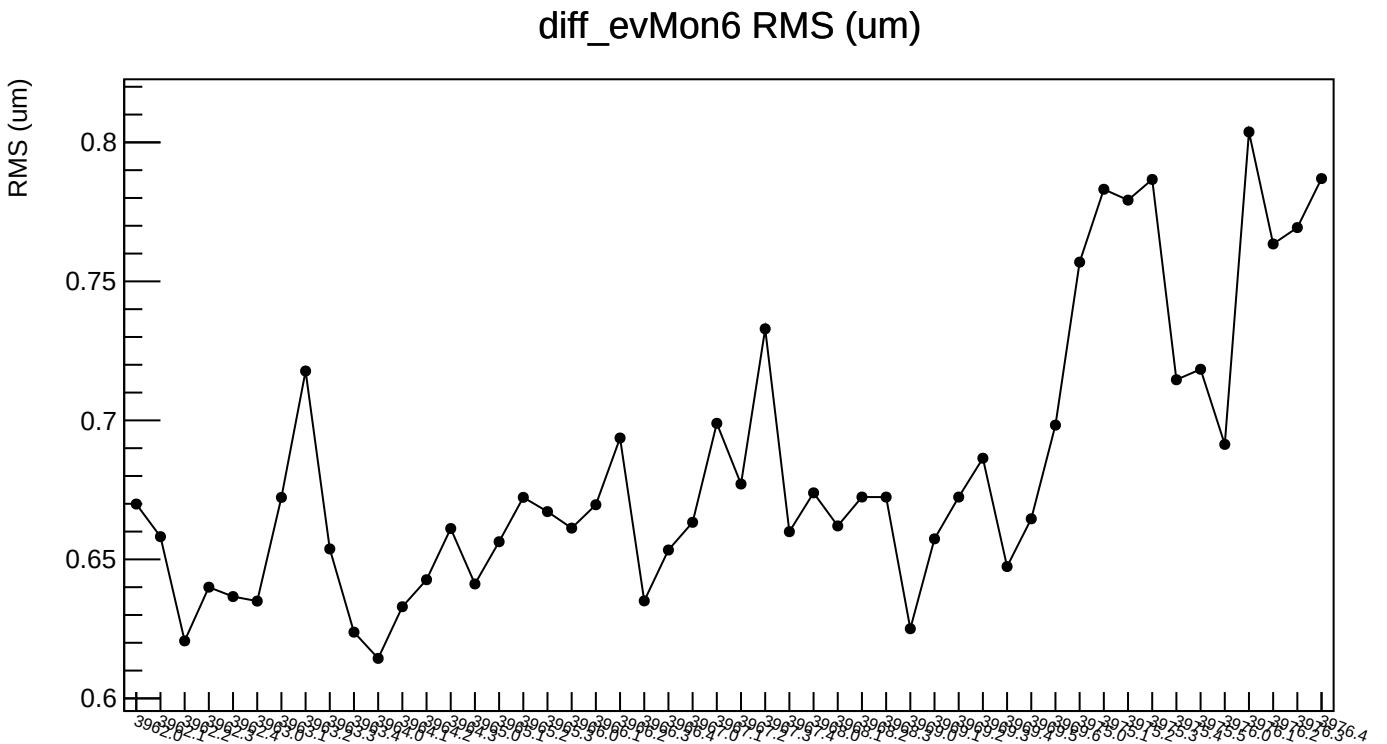

diff_evMon4 RMS (um)
RMS (um)
3.6
3.4
3.2
3
2.8
2.6

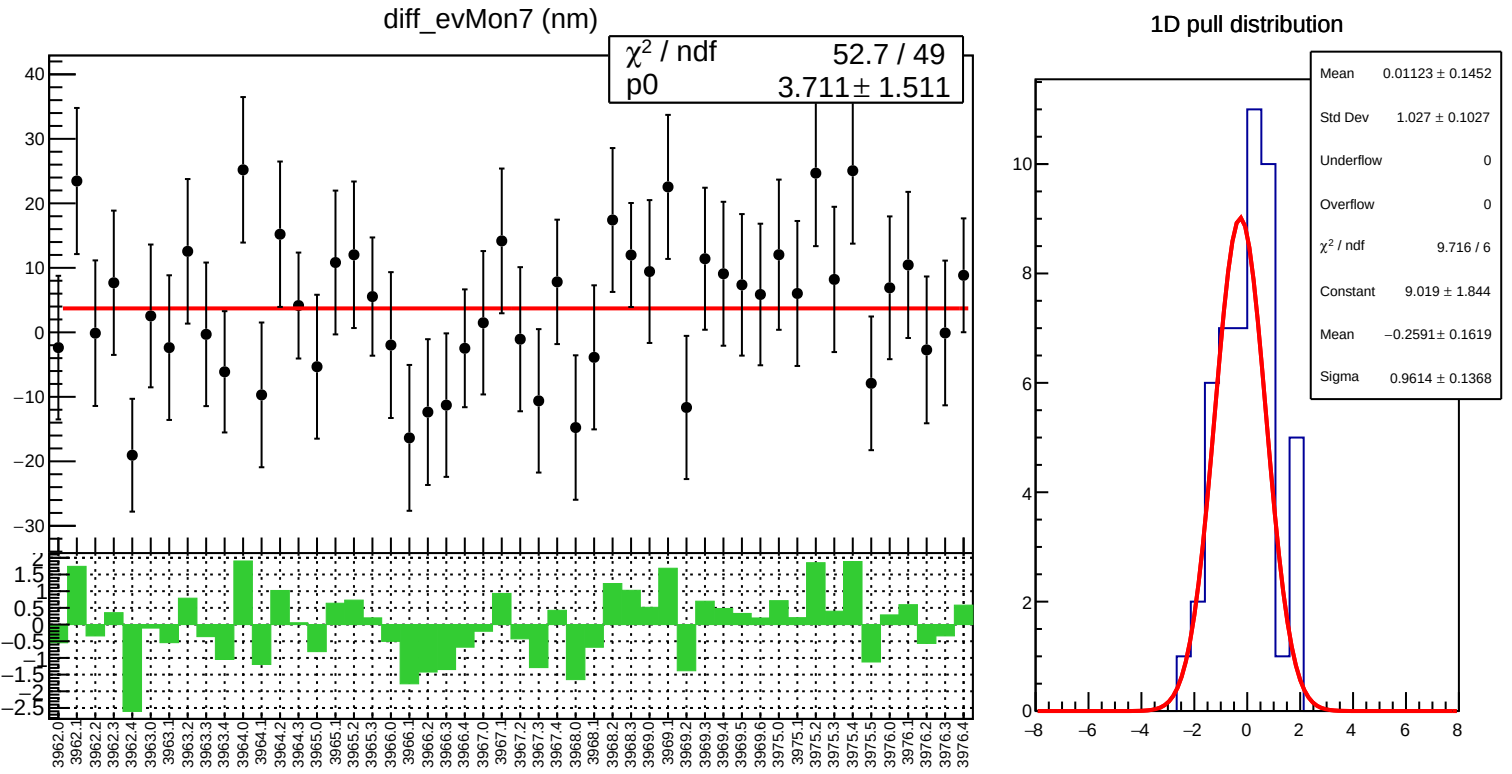

diff_evMon5 (nm)
χ² / ndf 58.15 / 49
p0 −2.026 ± 2.179

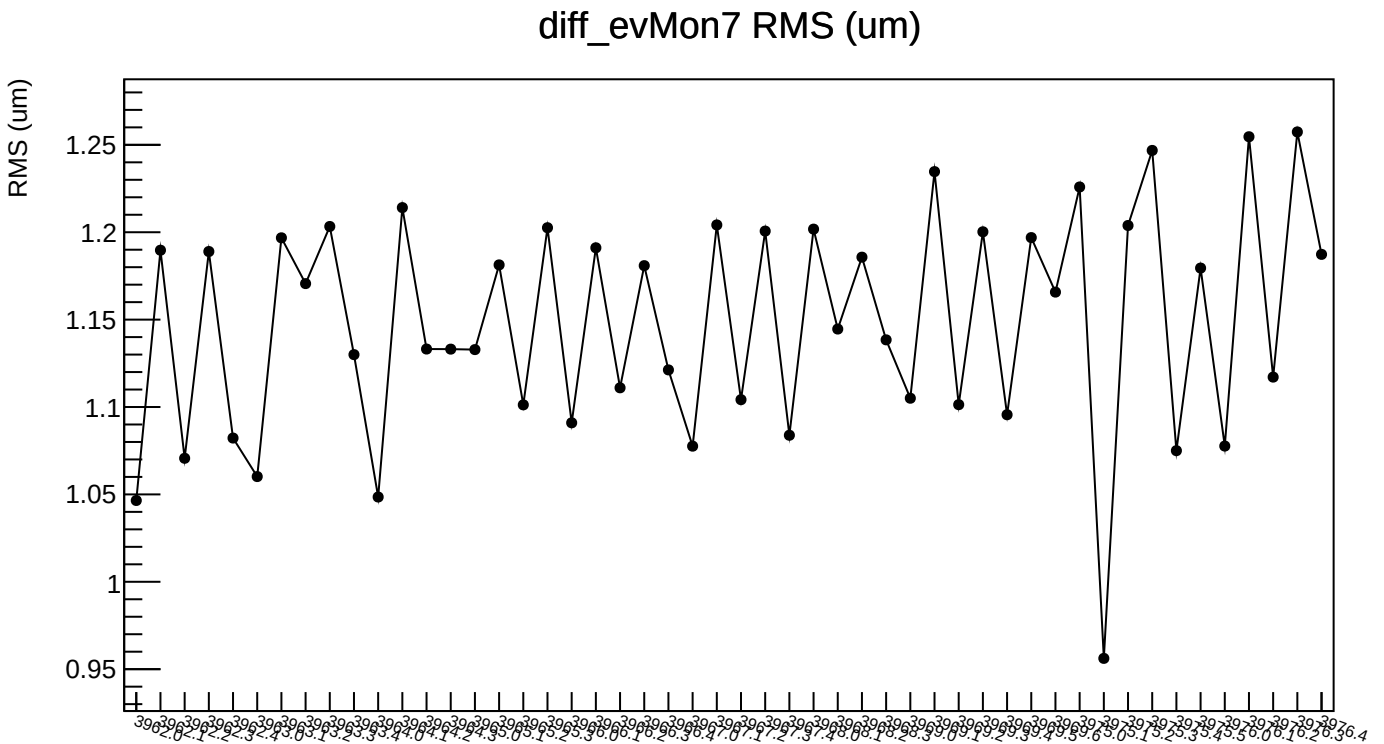

1D pull distribution
Mean 0.006482 ± 0.1525
Std Dev 1.078 ± 0.1078
Underflow 0
Overflow 0
χ² / ndf 6.266 / 6
Constant 7.237 ± 1.356
Mean −0.08703 ± 0.30703
Sigma 1.431 ± 0.265

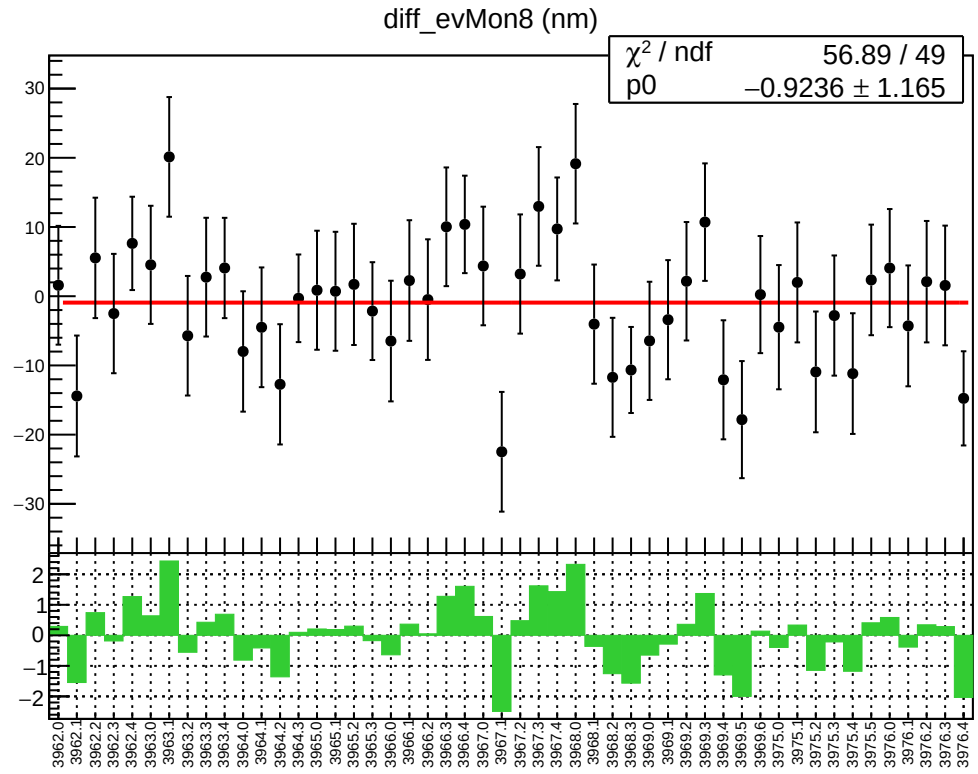

diff_evMon5 RMS (um)
RMS (um)
1.65
1.6
1.55
1.5
1.45

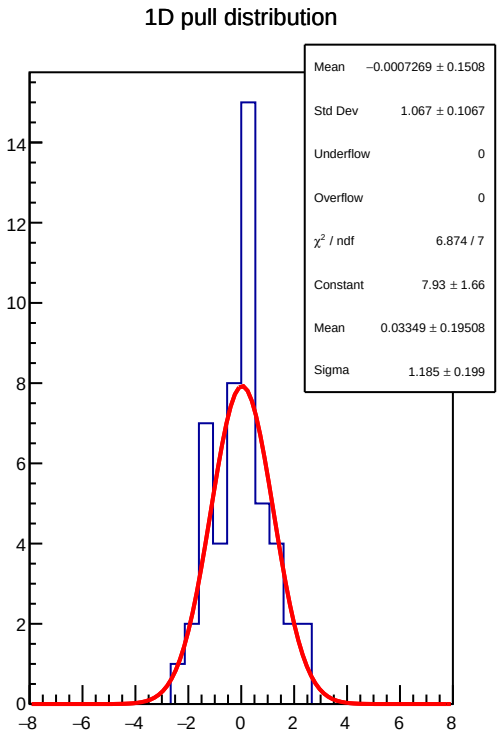

diff_evMon6 (nm)
χ² / ndf 26.58 / 49
p0 1.032 ± 1.382
1D pull distribution
Mean −0.001425 ± 0.1031
Std Dev 0.7291 ± 0.07291
Underflow 0
Overflow 0
χ² / ndf 4.633 / 4
Constant 15.53 ± 3.42
Mean −0.0372 ± 0.1104
Sigma 0.6124 ± 0.0995

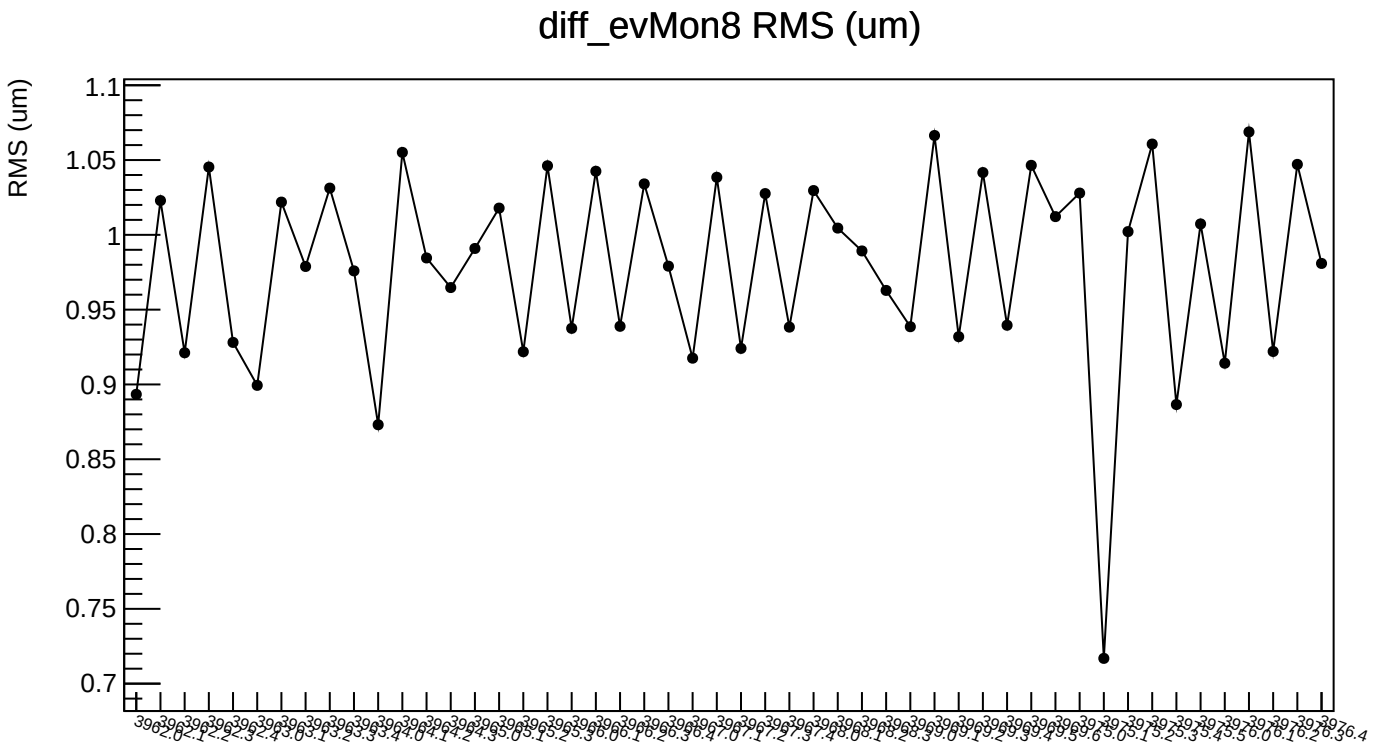

diff_evMon6 RMS (um)
RMS (um)
0.8
0.75
0.7
0.65
0.6

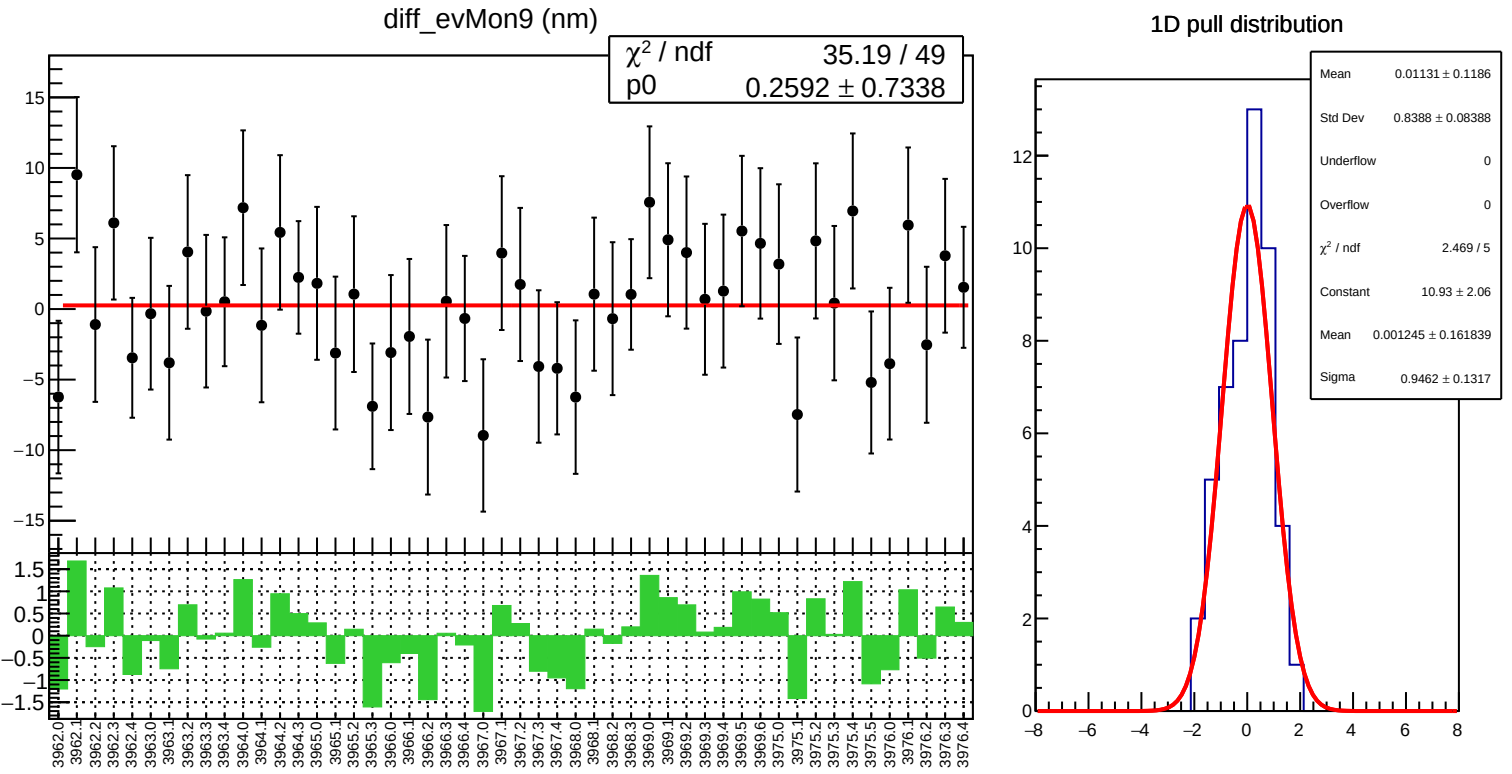

diff_evMon7 (nm)
χ² / ndf 52.7 / 49
p0 3.711 ± 1.511
1D pull distribution
Mean 0.01123 ± 0.1452
Std Dev 1.027 ± 0.1027
Underflow 0
Overflow 0
χ² / ndf 9.716 / 6
Constant 9.019 ± 1.844
Mean −0.2591 ± 0.1619
Sigma 0.9614 ± 0.1368

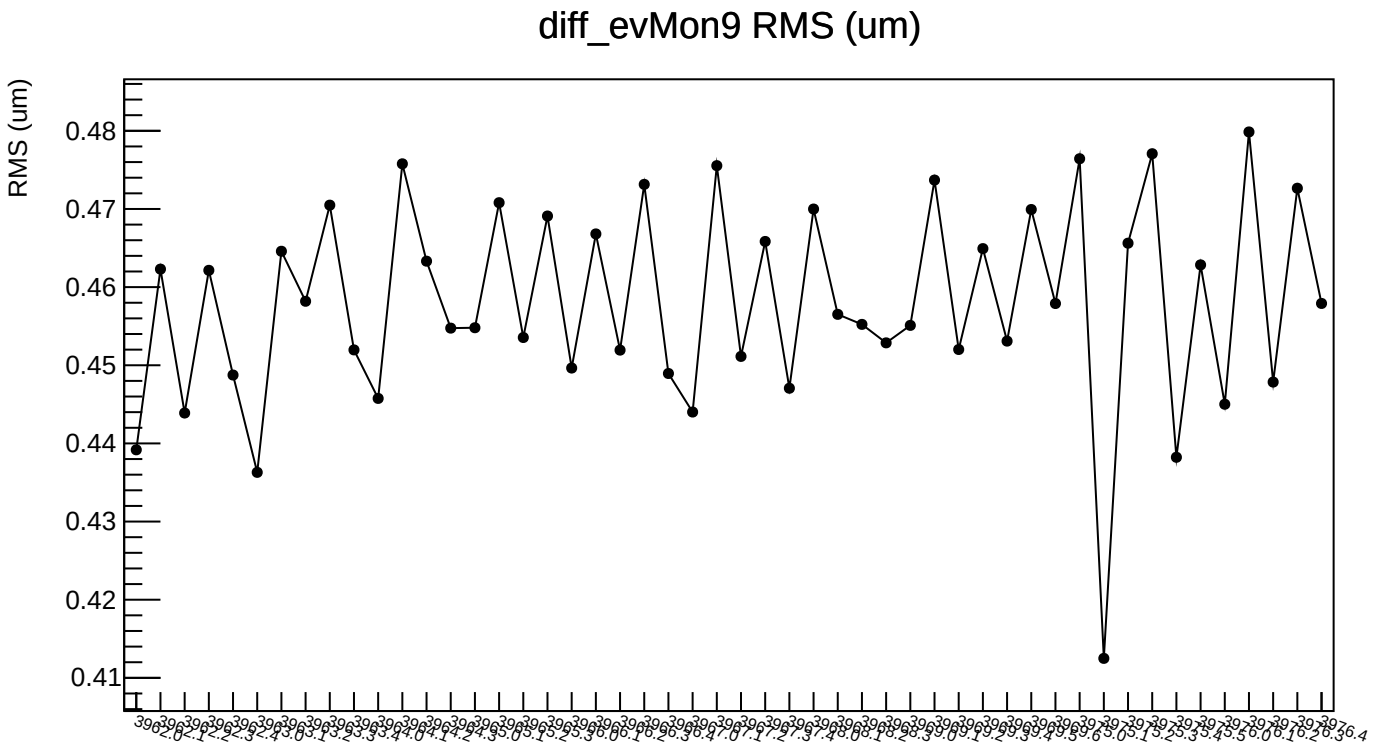

diff_evMon7 RMS (um)
RMS (um)
1.25
1.2
1.15
1.1
1.05
1
0.95

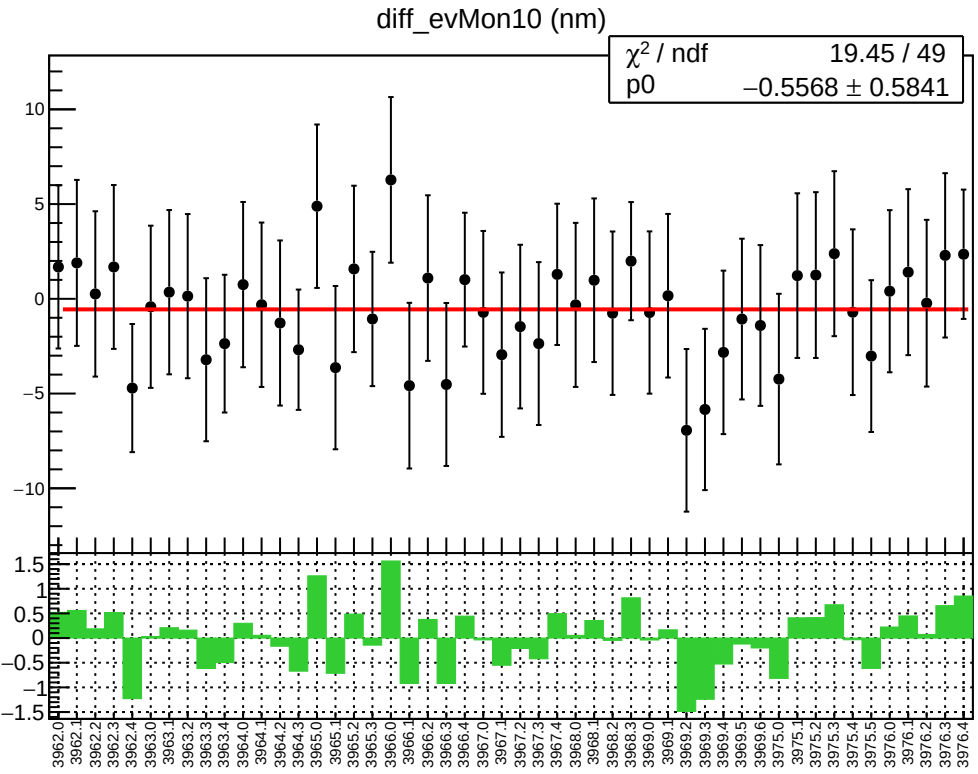

diff_evMon8 (nm)
χ² / ndf 56.89 / 49
p0 −0.9236 ± 1.165

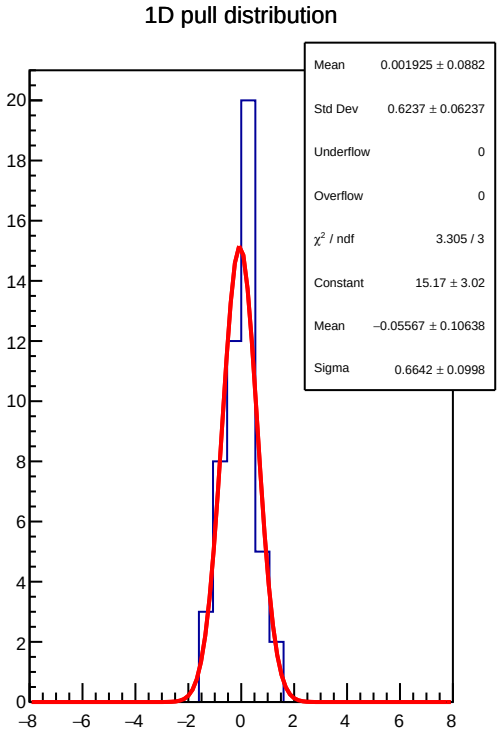

1D pull distribution
Mean −0.0007269 ± 0.1508
Std Dev 1.067 ± 0.1067
Underflow 0
Overflow 0
χ² / ndf 6.874 / 7
Constant 7.93 ± 1.66
Mean 0.03349 ± 0.19508
Sigma 1.185 ± 0.199

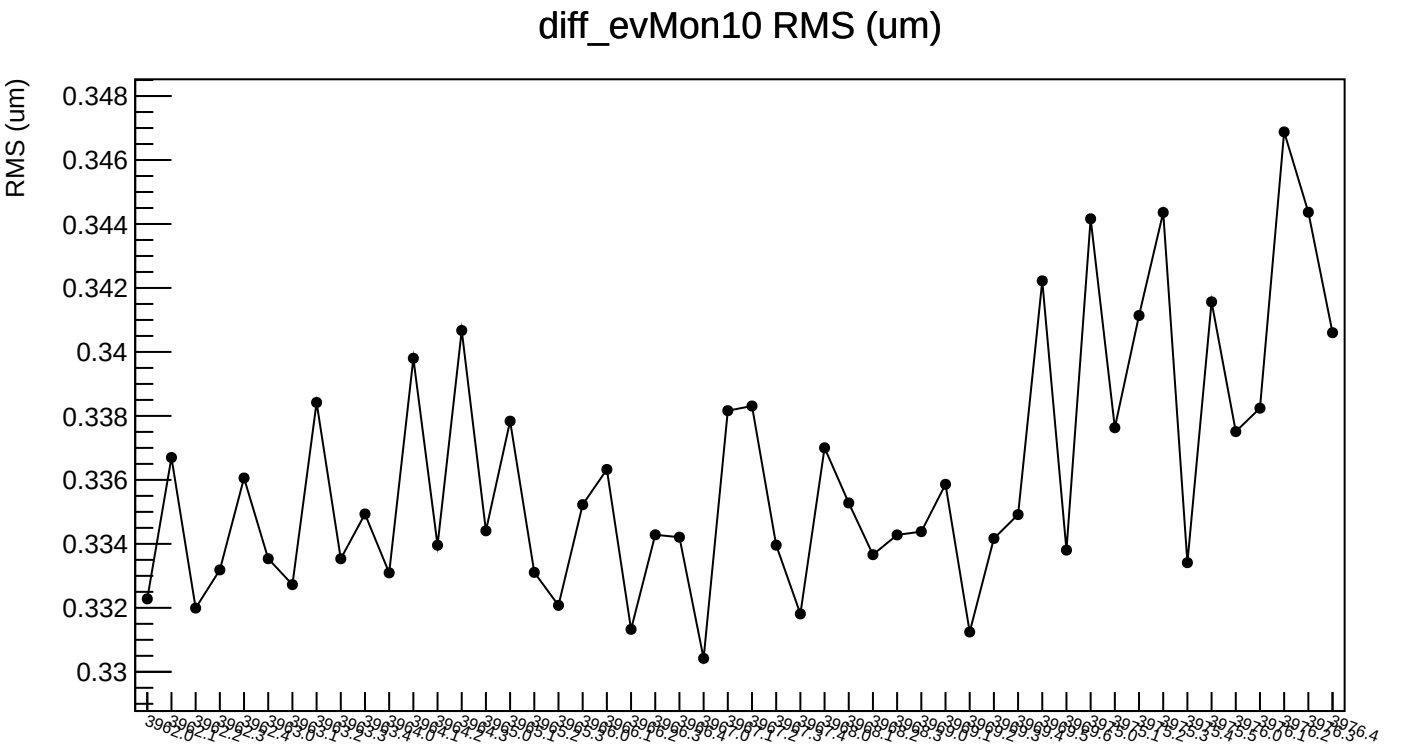

diff_evMon8 RMS (um)
RMS (um)
1.1
1.05
1
0.95
0.9
0.85
0.8
0.75
0.7

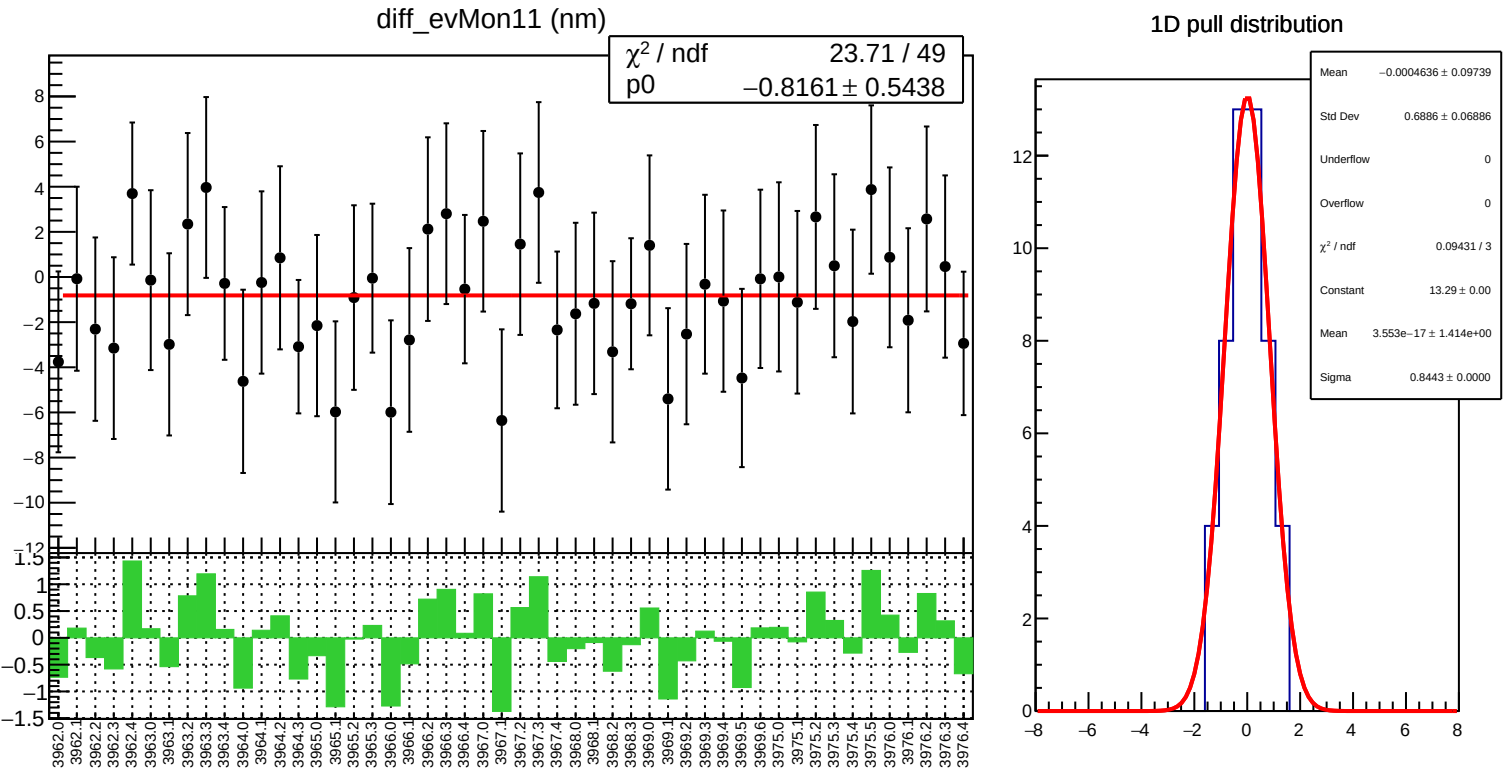

diff_evMon9 (nm)
χ² / ndf 35.19 / 49
p0 0.2592 ± 0.7338
1D pull distribution
Mean 0.01131 ± 0.1186
Std Dev 0.8388 ± 0.08388
Underflow 0
Overflow 0
χ² / ndf 2.469 / 5
Constant 10.93 ± 2.06
Mean 0.001245 ± 0.161839
Sigma 0.9462 ± 0.1317


diff_evMon9 RMS (um)
RMS (um)
0.48
0.47
0.46
0.45
0.44
0.43
0.42
0.41

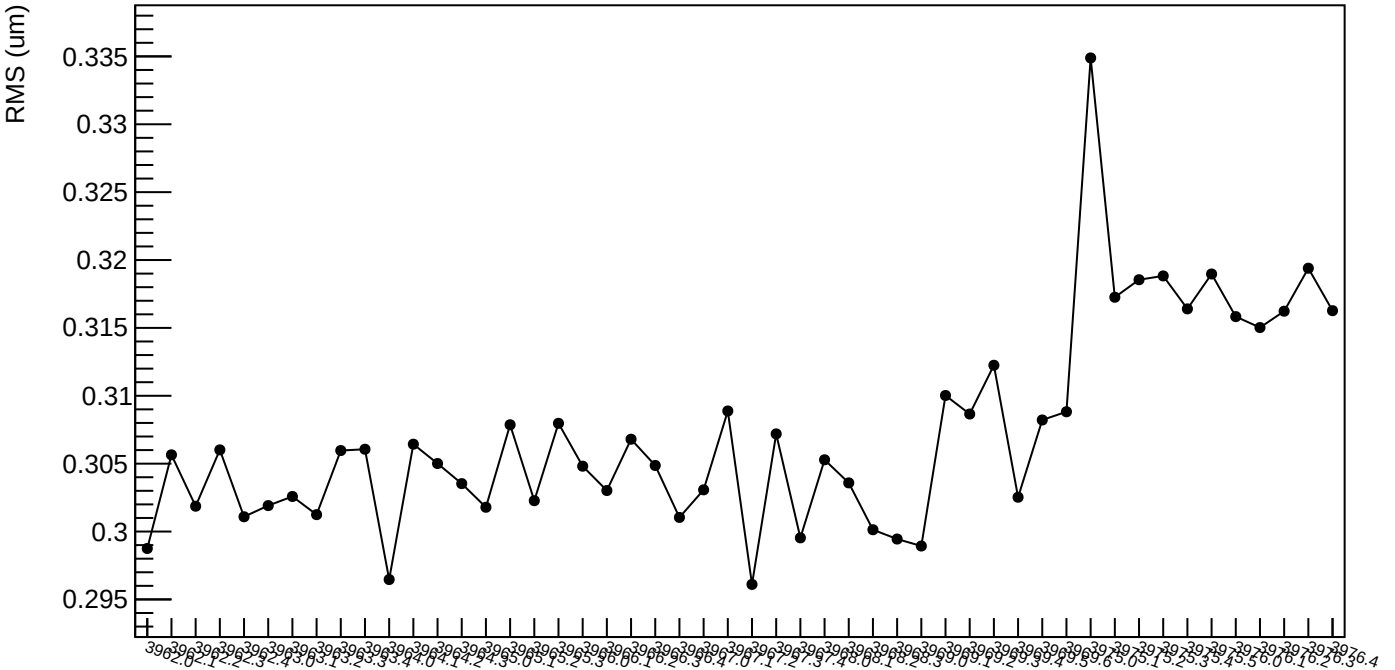

diff_evMon10 (nm)
χ² / ndf 19.45 / 49
p0 −0.5568 ± 0.5841

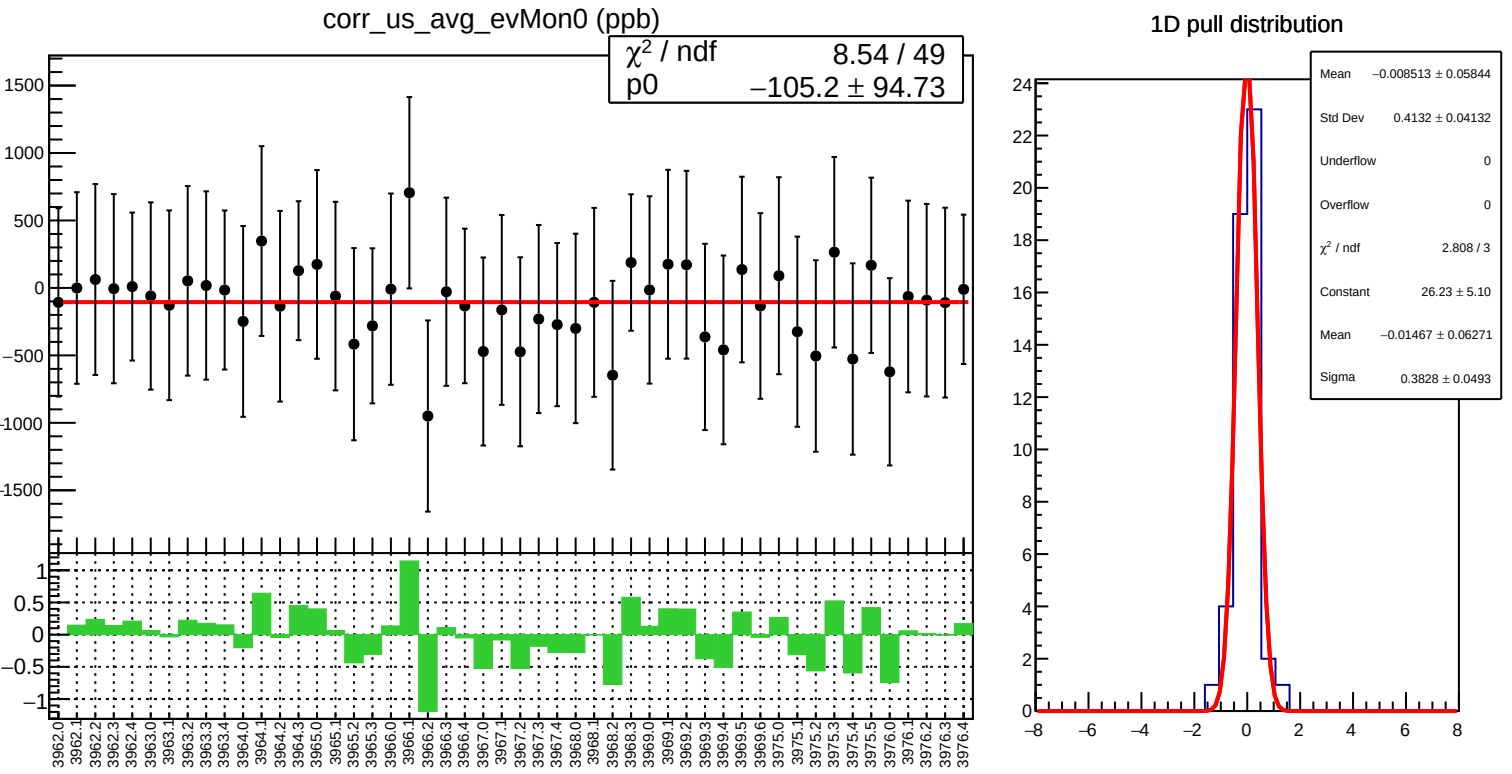

1D pull distribution
Mean 0.001925 ± 0.0882
Std Dev 0.6237 ± 0.06237
Underflow 0
Overflow 0
χ² / ndf 3.305 / 3
Constant 15.17 ± 3.02
Mean −0.05567 ± 0.10638
Sigma 0.6642 ± 0.0998


diff_evMon10 RMS (um)
RMS (um)
0.348
0.346
0.344
0.342
0.34
0.338
0.336
0.334
0.332
0.33

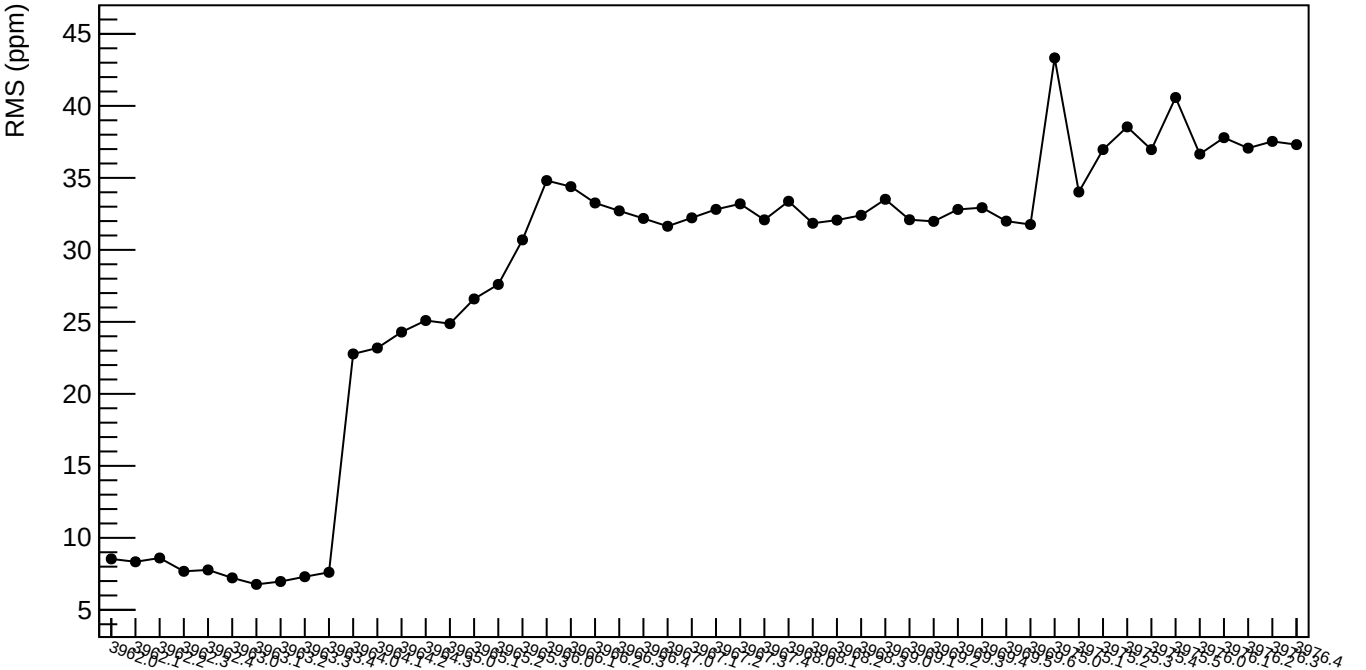

diff_evMon11 (nm)
χ² / ndf 23.71 / 49
p0 −0.8161 ± 0.5438
1D pull distribution
Mean −0.0004636 ± 0.09739
Std Dev 0.6886 ± 0.06886
Underflow 0
Overflow 0
χ² / ndf 0.09431 / 3
Constant 13.29 ± 0.00
Mean 3.553e−17 ± 1.414e+00
Sigma 0.8443 ± 0.0000

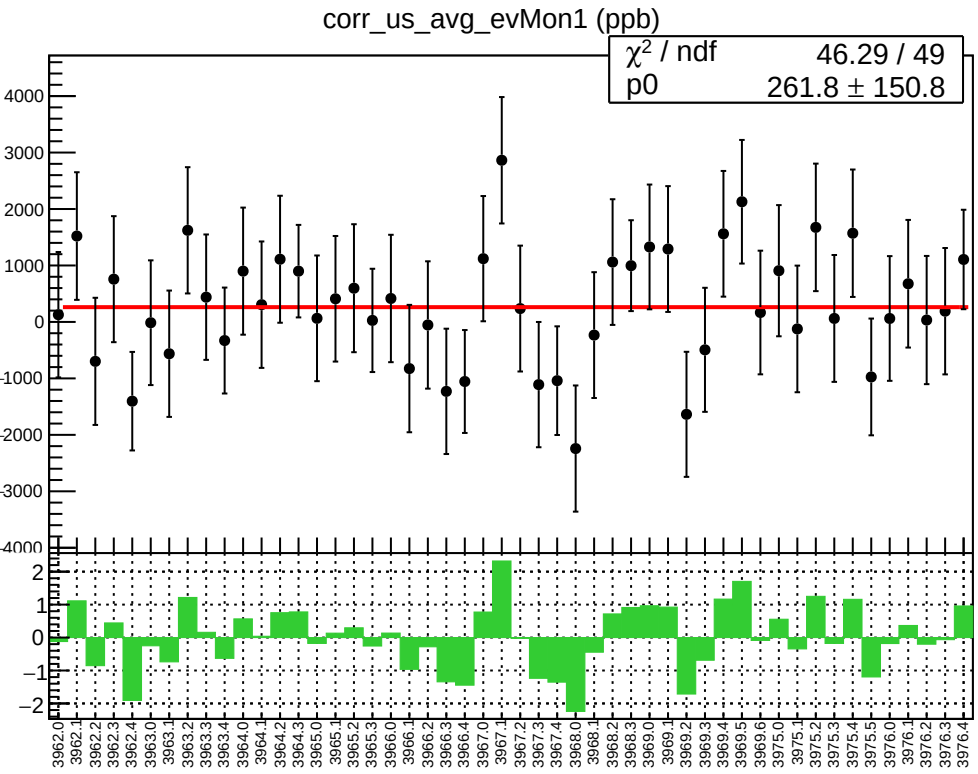
diff_evMon11 RMS (um)

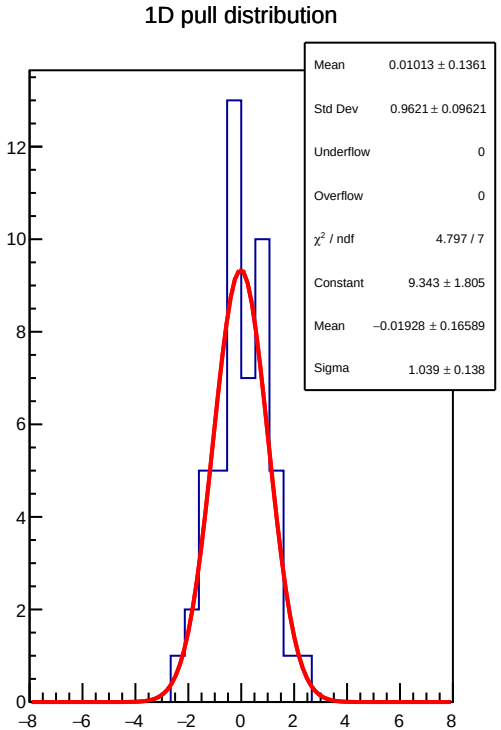


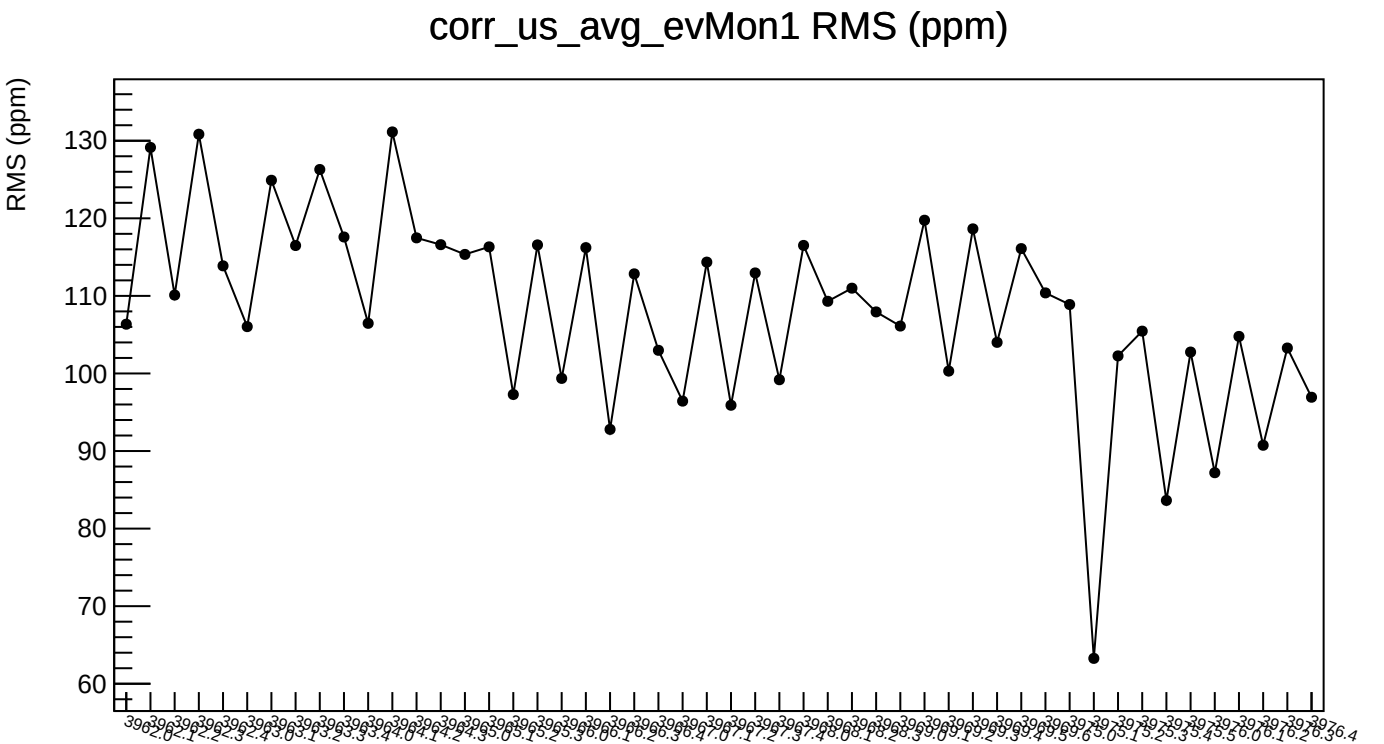

corr_us_avg_evMon0 (ppb)
χ² / ndf 8.54 / 49
p0 −105.2 ± 94.73
1D pull distribution
Mean −0.008513 ± 0.05844
Std Dev 0.4132 ± 0.04132
Underflow 0
Overflow 0
χ² / ndf 2.808 / 3
Constant 26.23 ± 5.10
Mean −0.01467 ± 0.06271
Sigma 0.3828 ± 0.0493

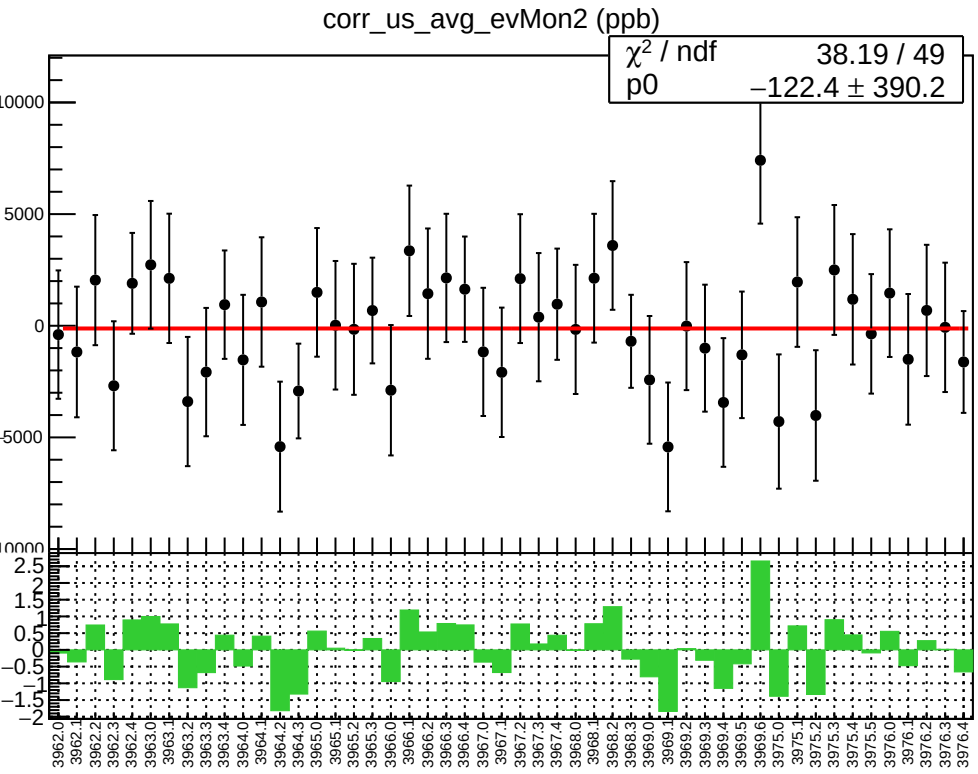
corr_us_avg_evMon0 RMS (ppm)

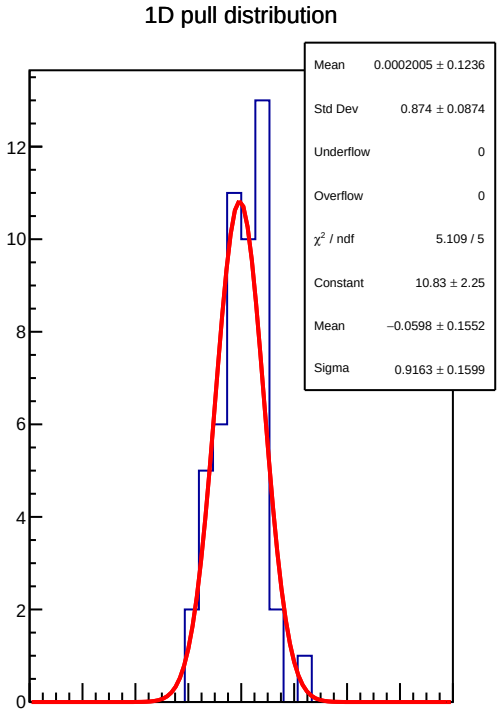



corr_us_avg_evMon1 (ppb)
χ² / ndf 46.29 / 49
p0 261.8 ± 150.8
4000
3000
2000
1000
0
-1000
-2000
-3000
-4000
2
1
0
−1
−2
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4

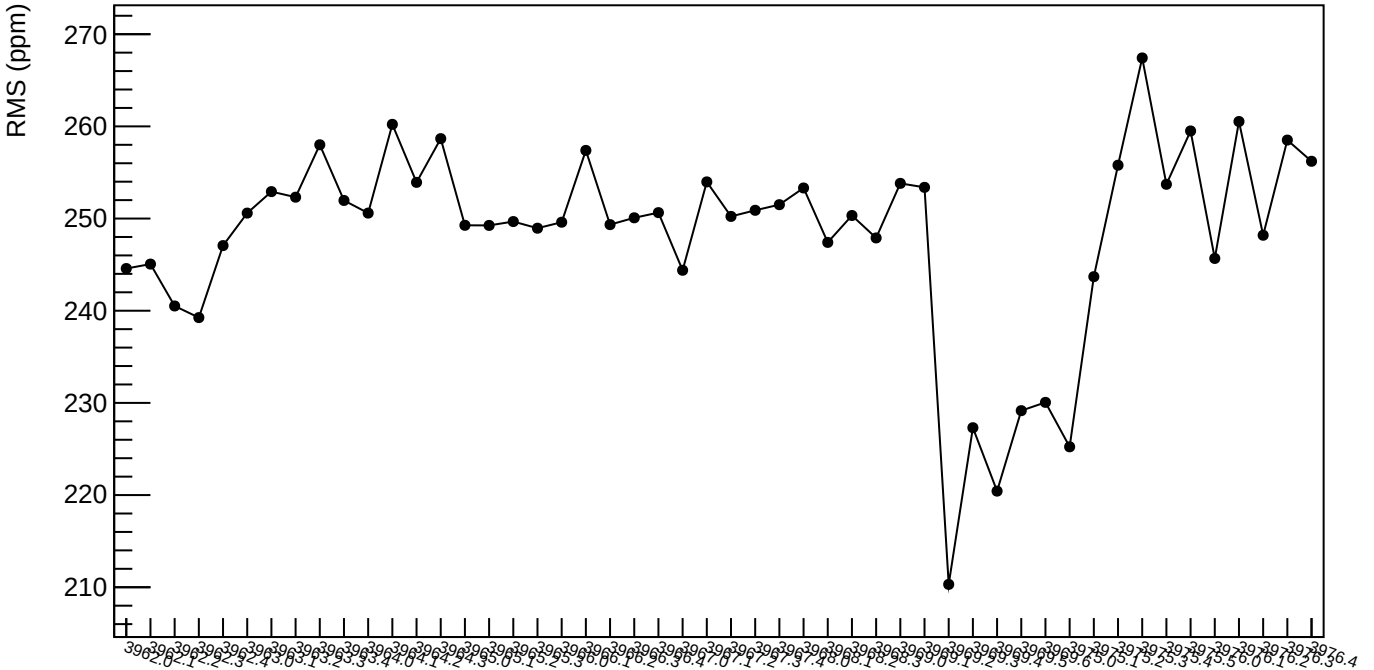

1D pull distribution
Mean 0.01013 ± 0.1361
Std Dev 0.9621 ± 0.09621
Underflow 0
Overflow 0
χ² / ndf 4.797 / 7
Constant 9.343 ± 1.805
Mean −0.01928 ± 0.16589
Sigma 1.039 ± 0.138
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

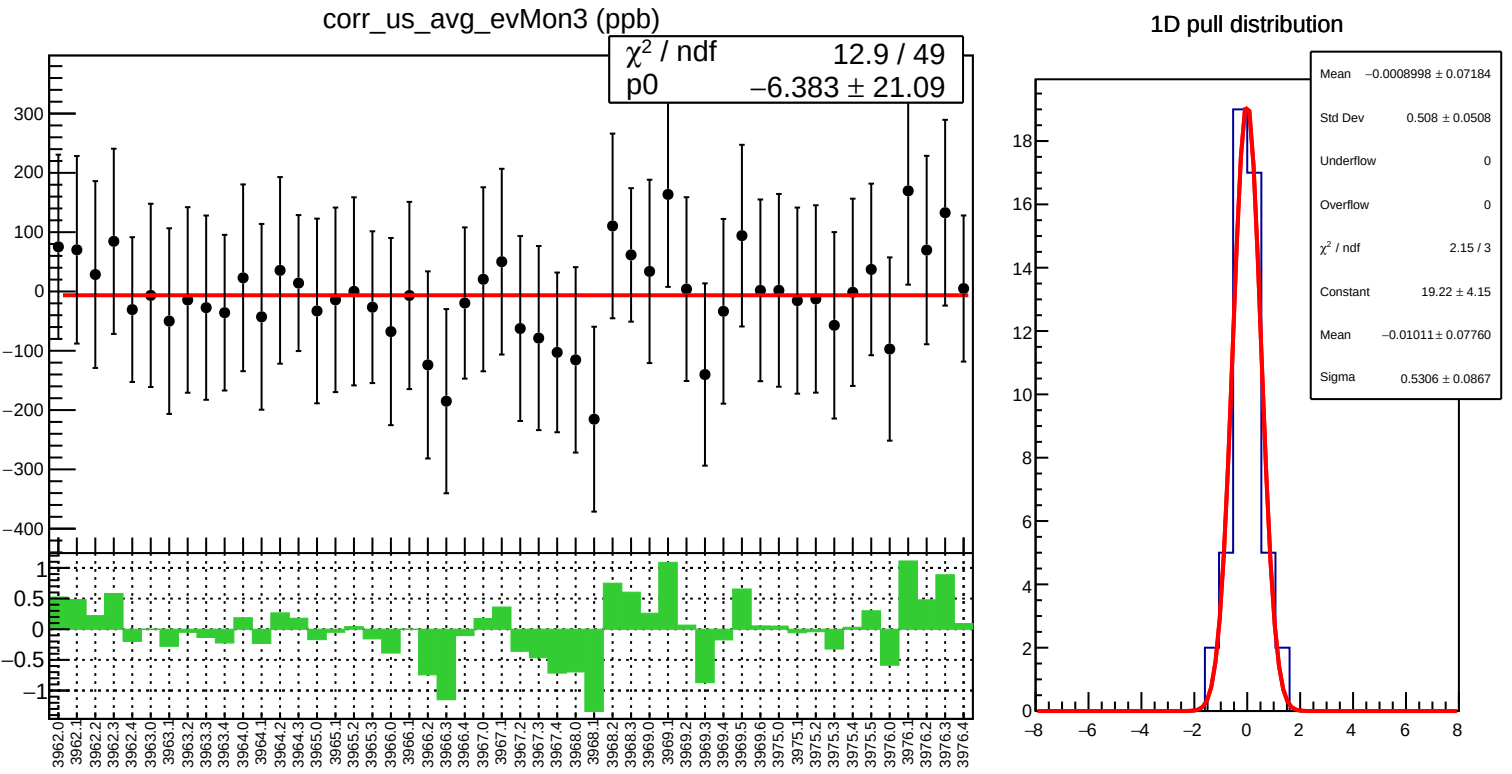

corr_us_avg_evMon1 RMS (ppm)
RMS (ppm)
130
120
110
100
90
80
70
60


corr_us_avg_evMon2 (ppb)
χ² / ndf 38.19 / 49
p0 −122.4 ± 390.2
10000
5000
0
-5000
-10000
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4

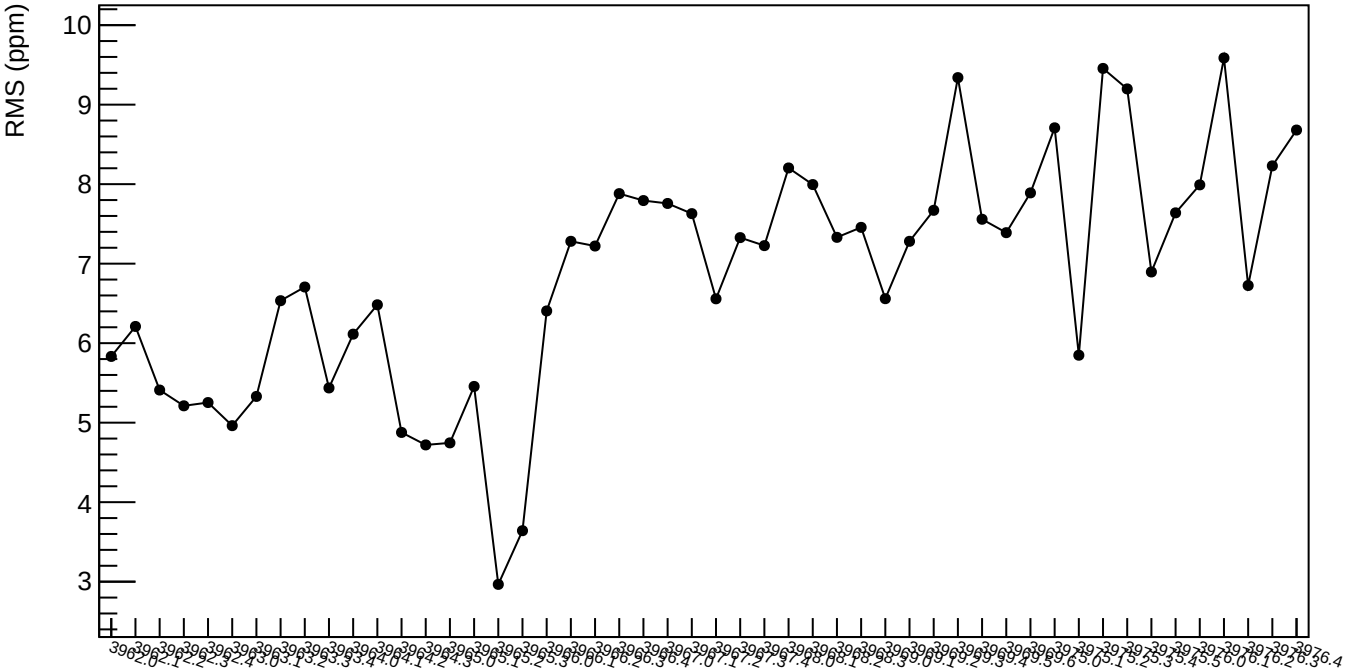

1D pull distribution
Mean 0.0002005 ± 0.1236
Std Dev 0.874 ± 0.0874
Underflow 0
Overflow 0
χ² / ndf 5.109 / 5
Constant 10.83 ± 2.25
Mean −0.0598 ± 0.1552
Sigma 0.9163 ± 0.1599
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

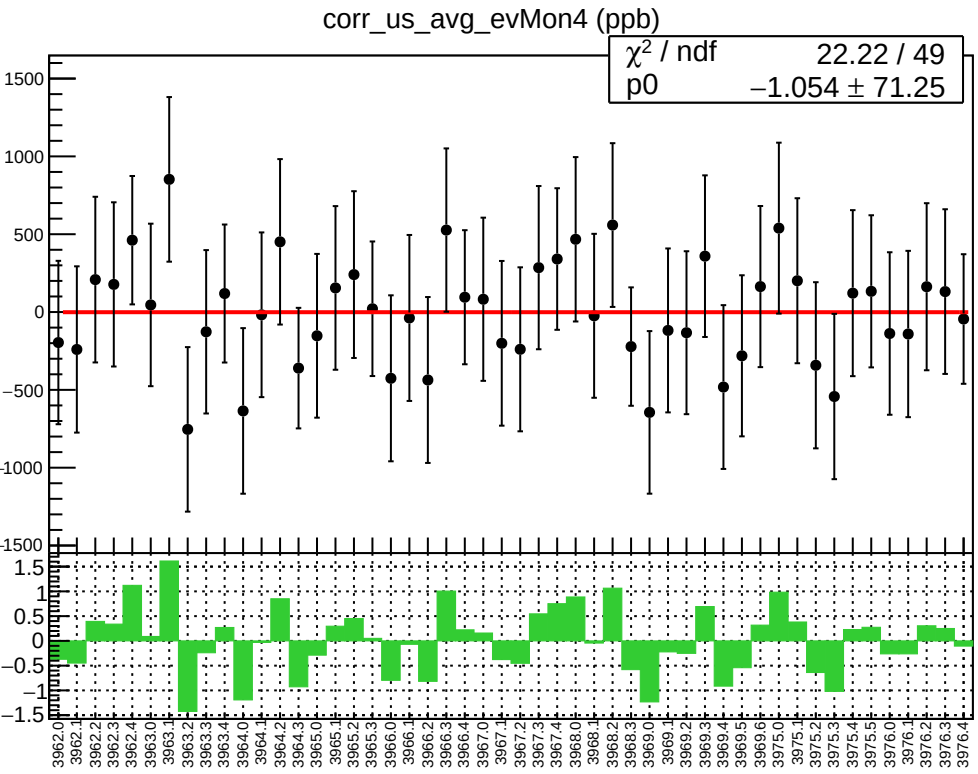
corr_us_avg_evMon2 RMS (ppm)

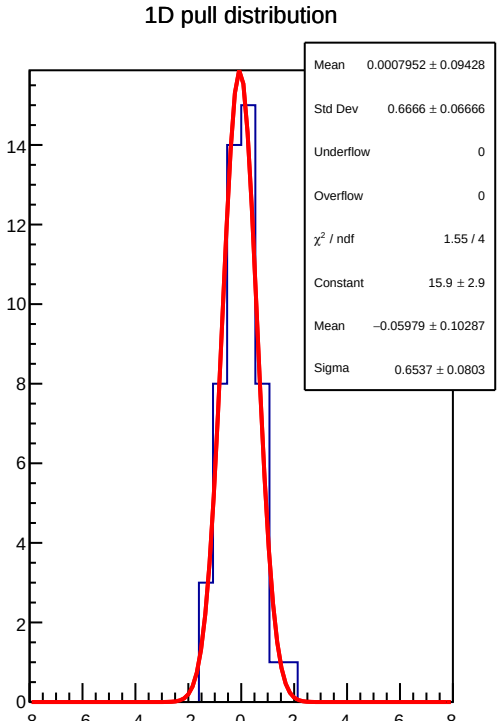



corr_us_avg_evMon3 (ppb)
χ² / ndf 12.9 / 49
p0 −6.383 ± 21.09
1D pull distribution
Mean −0.0008998 ± 0.07184
Std Dev 0.508 ± 0.0508
Underflow 0
Overflow 0
χ² / ndf 2.15 / 3
Constant 19.22 ± 4.15
Mean −0.01011 ± 0.07760
Sigma 0.5306 ± 0.0867

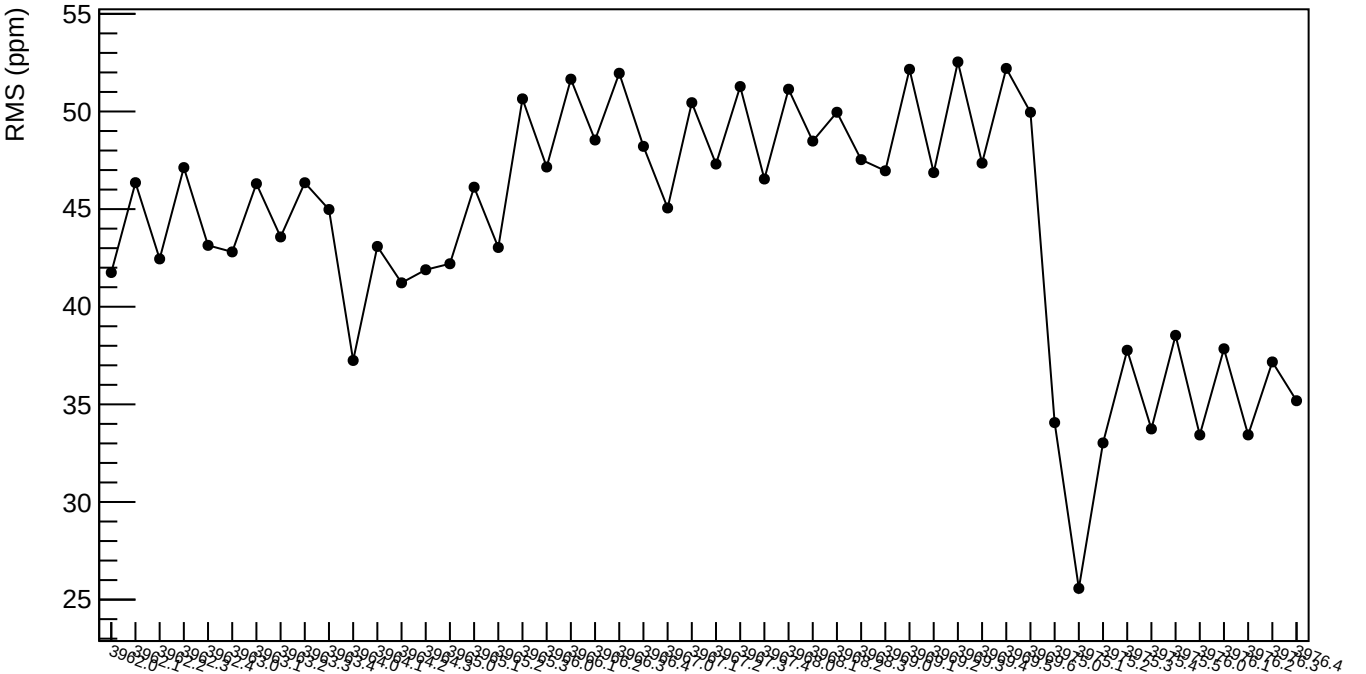
corr_us_avg_evMon3 RMS (ppm)

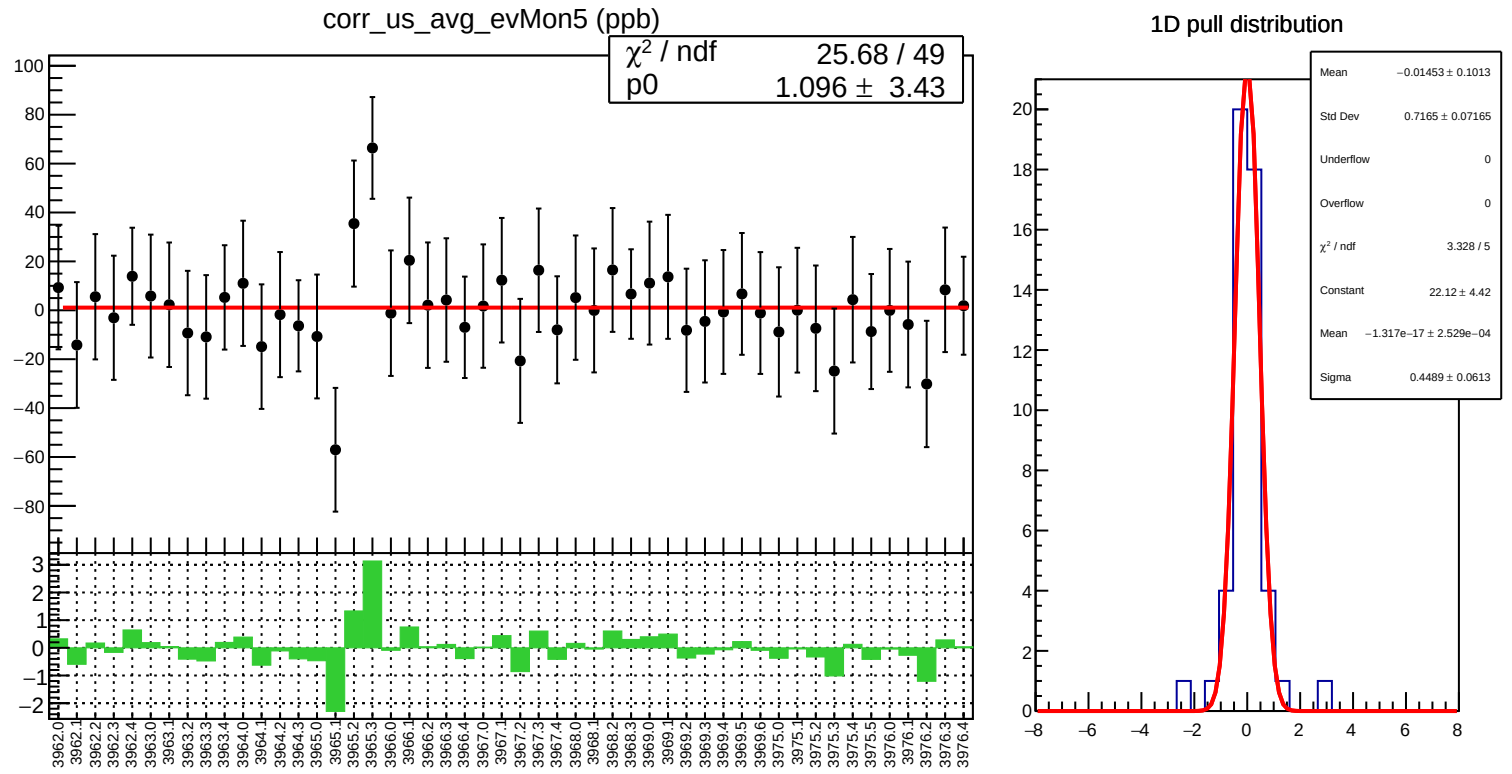



corr_us_avg_evMon4 (ppb)
χ² / ndf 22.22 / 49
p0 −1.054 ± 71.25
1500
1000
500
0
−500
−1000
−1500
1.5
1
0.5
0
−0.5
−1
−1.5
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4

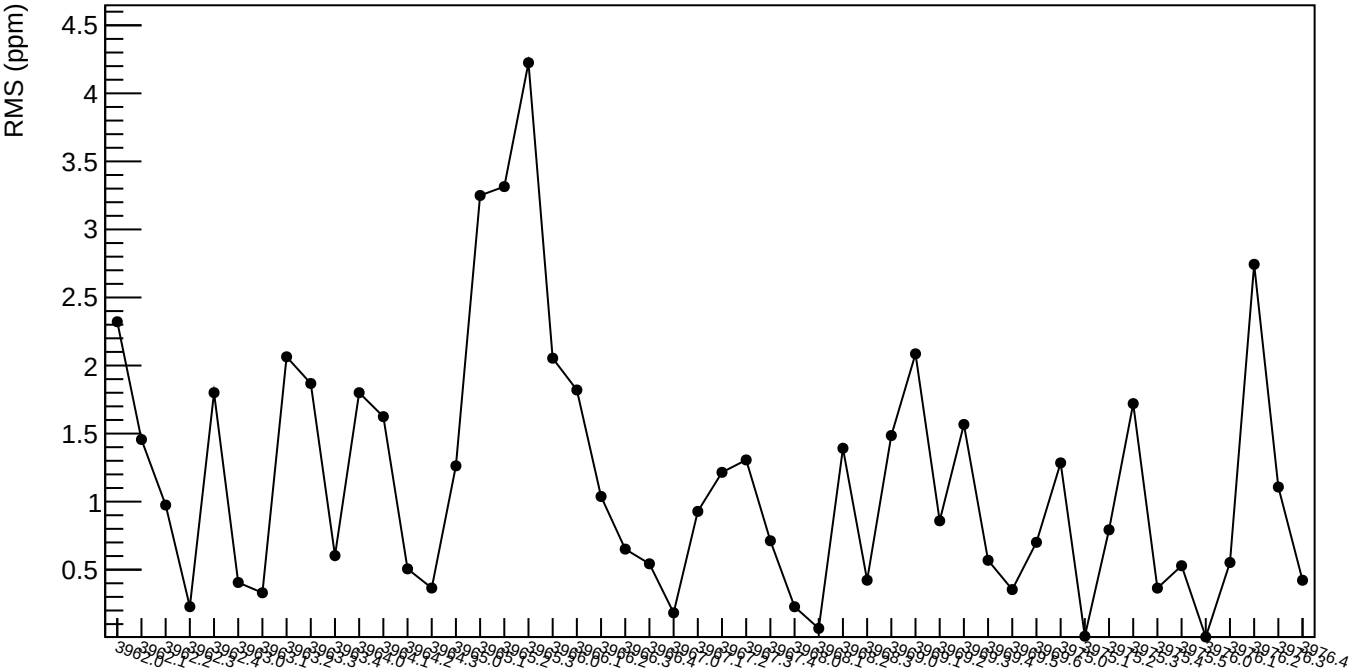

1D pull distribution
Mean 0.0007952 ± 0.09428
Std Dev 0.6666 ± 0.06666
Underflow 0
Overflow 0
χ² / ndf 1.55 / 4
Constant 15.9 ± 2.9
Mean −0.05979 ± 0.10287
Sigma 0.6537 ± 0.0803
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

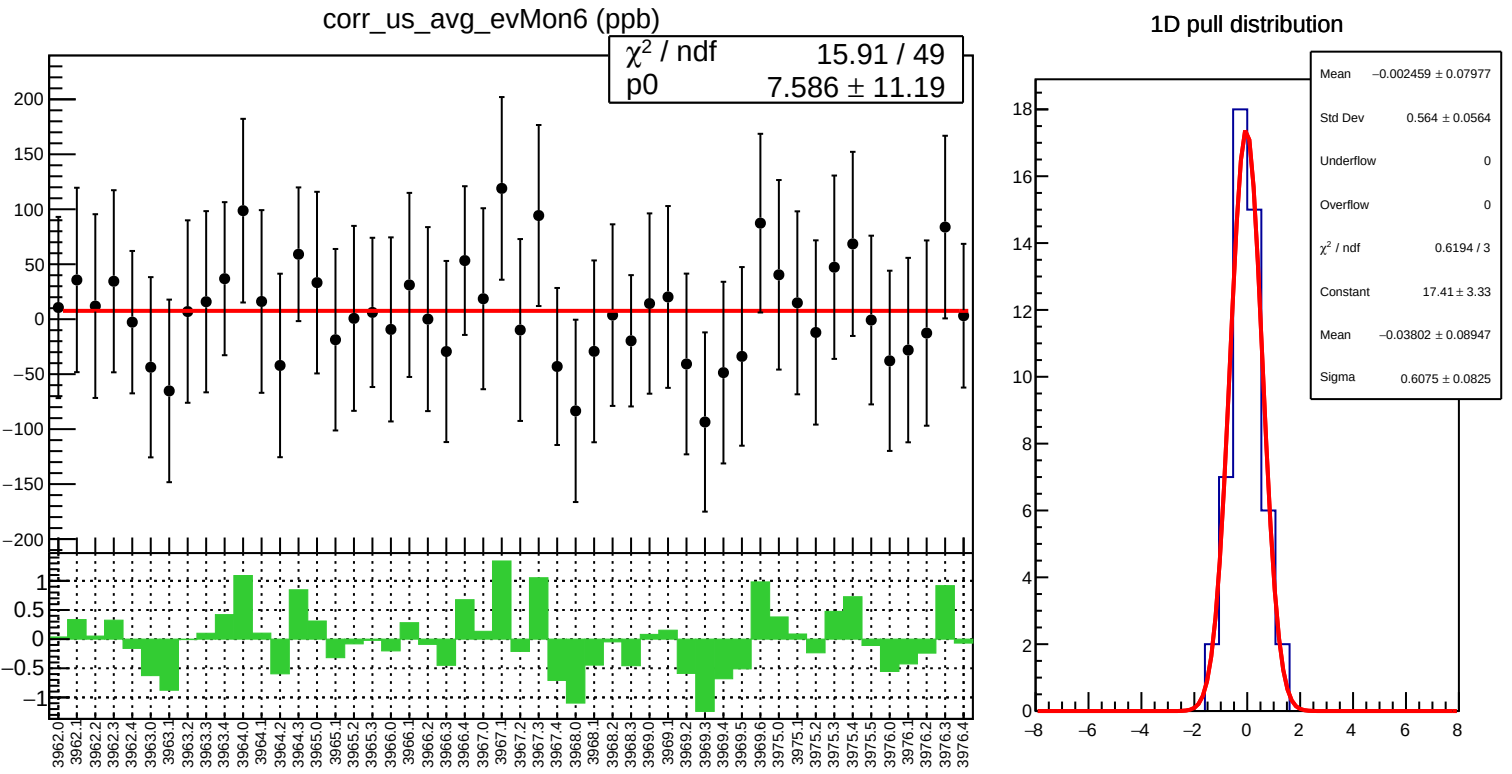
corr_us_avg_evMon4 RMS (ppm)



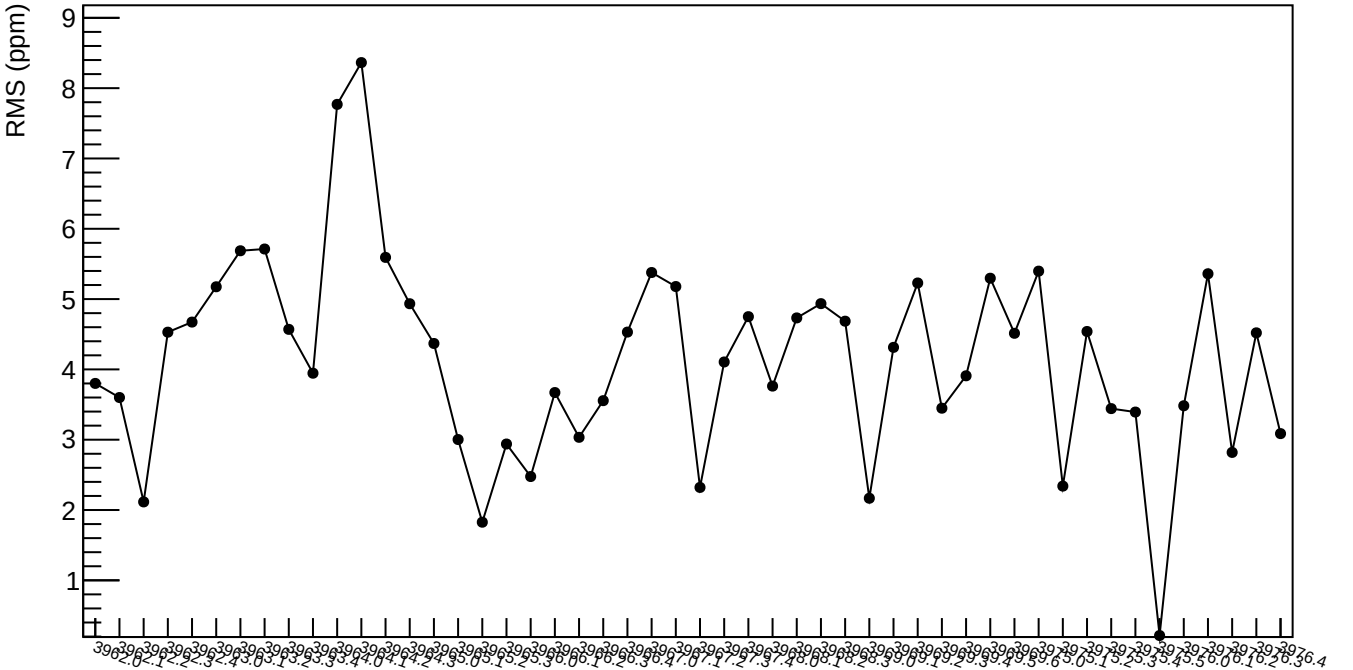

corr_us_avg_evMon5 (ppb)
χ² / ndf 25.68 / 49
p0 1.096 ± 3.43
1D pull distribution
Mean −0.01453 ± 0.1013
Std Dev 0.7165 ± 0.07165
Underflow 0
Overflow 0
χ² / ndf 3.328 / 5
Constant 22.12 ± 4.42
Mean −1.317e−17 ± 2.529e−04
Sigma 0.4489 ± 0.0613

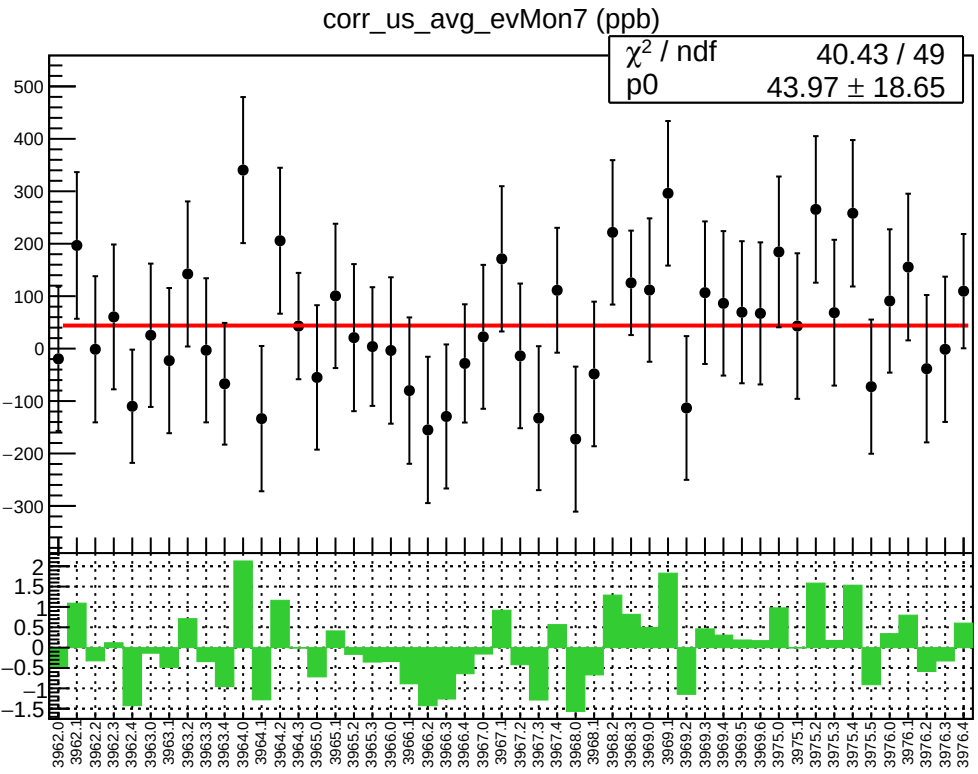
corr_us_avg_evMon5 RMS (ppm)

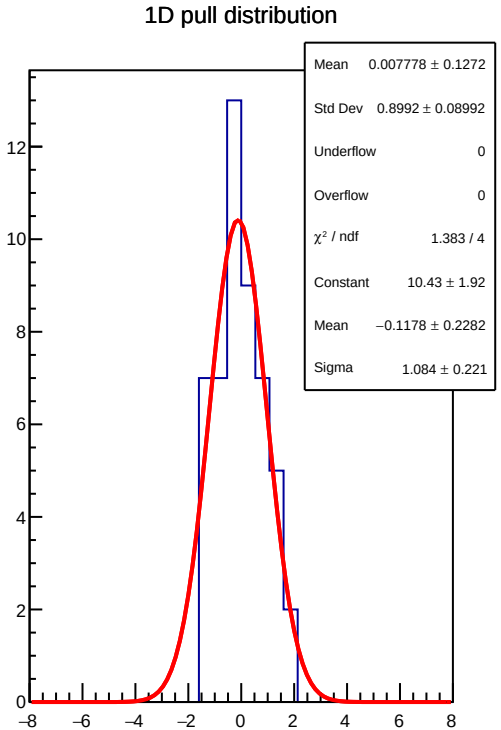



corr_us_avg_evMon6 (ppb)
χ² / ndf 15.91 / 49
p0 7.586 ± 11.19
1D pull distribution
Mean −0.002459 ± 0.07977
Std Dev 0.564 ± 0.0564
Underflow 0
Overflow 0
χ² / ndf 0.6194 / 3
Constant 17.41 ± 3.33
Mean −0.03802 ± 0.08947
Sigma 0.6075 ± 0.0825

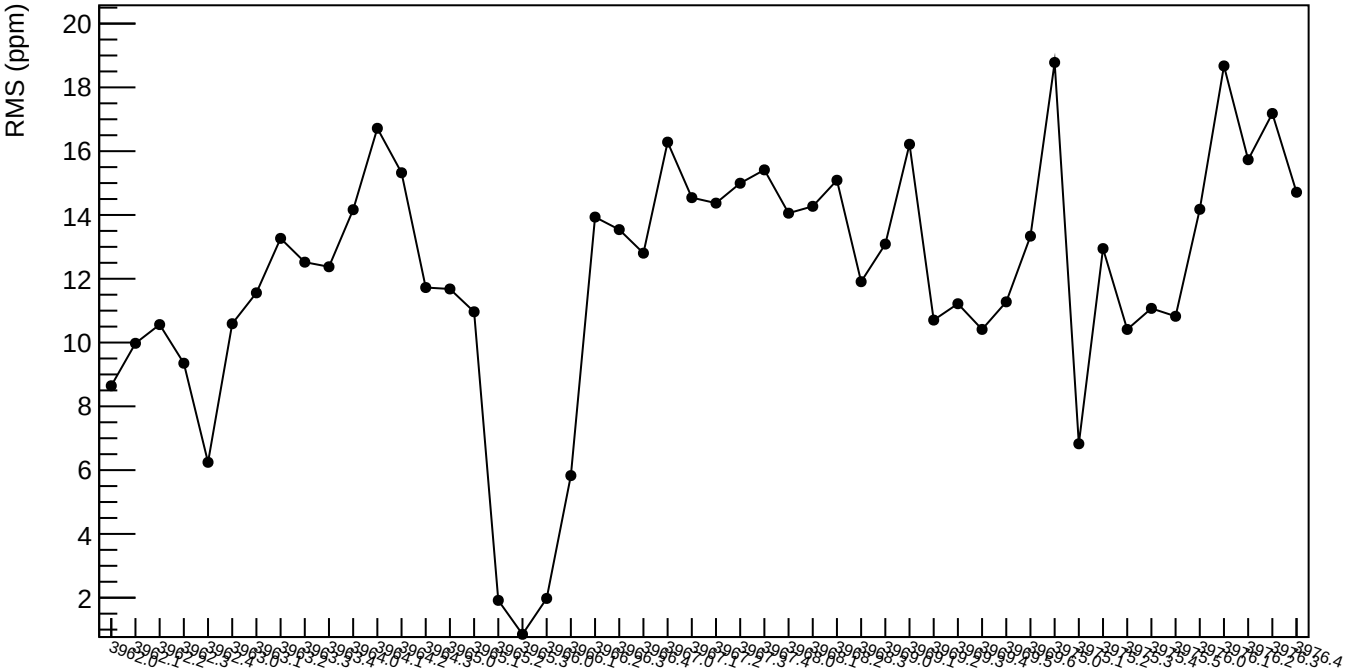
corr_us_avg_evMon6 RMS (ppm)

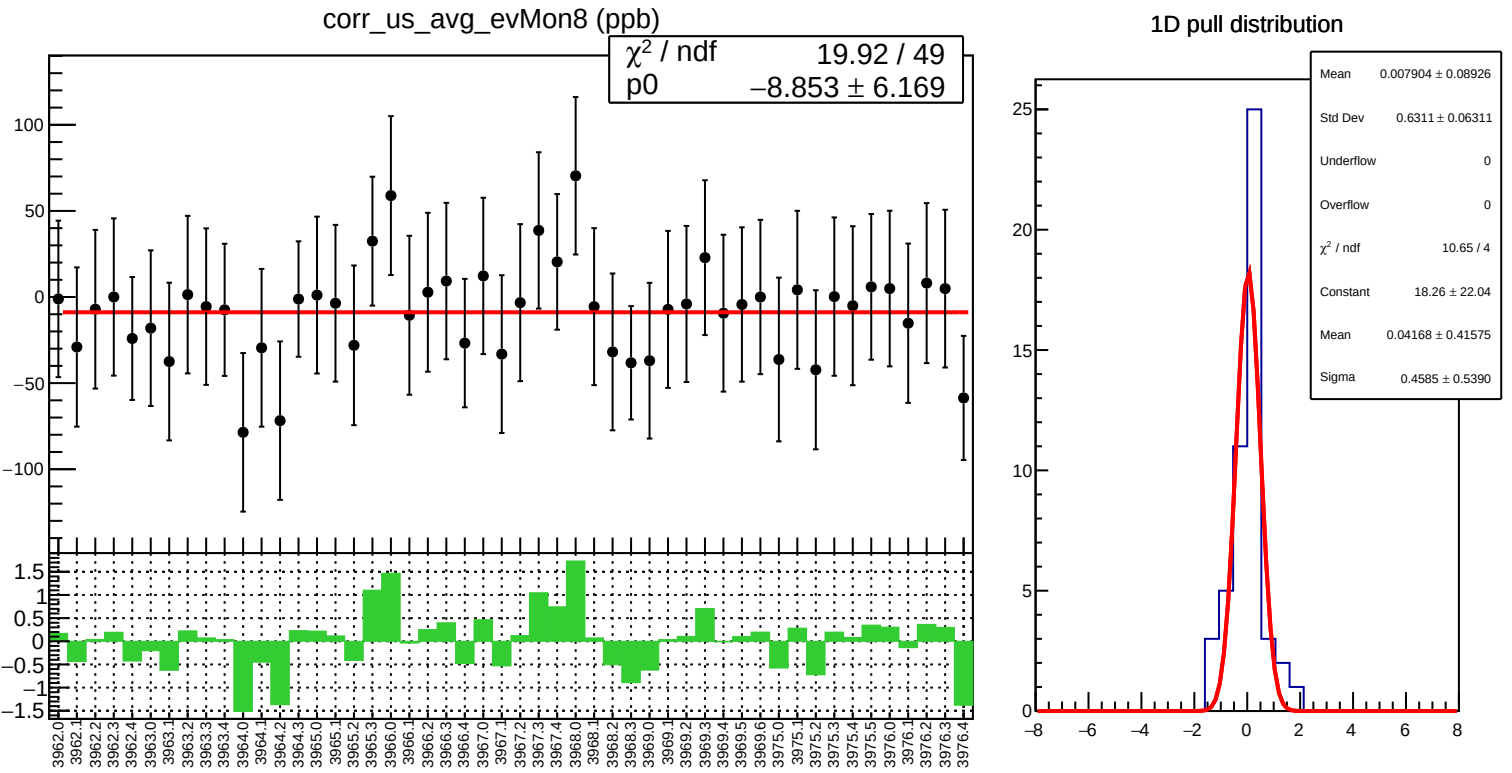



corr_us_avg_evMon7 (ppb)
χ² / ndf 40.43 / 49
p0 43.97 ± 18.65
500
400
300
200
100
0
−100
−200
−300
2
1.5
1
0.5
0
−0.5
−1
−1.5
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4

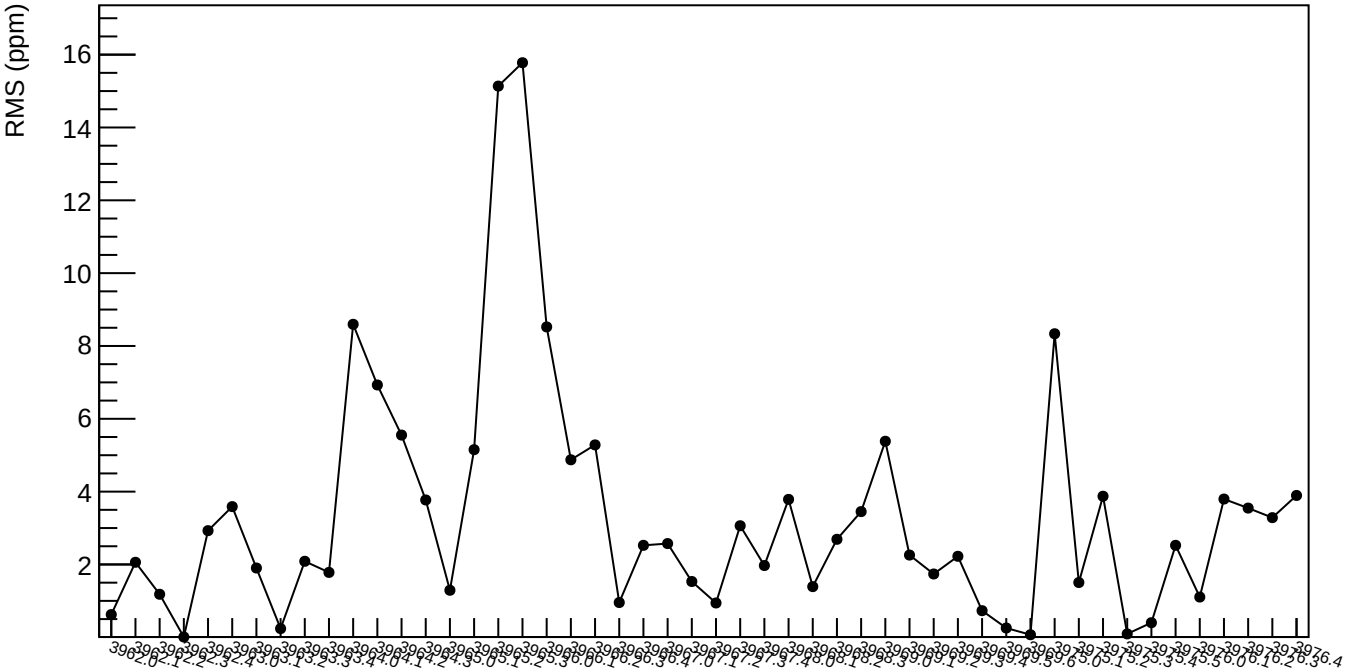

1D pull distribution
Mean 0.007778 ± 0.1272
Std Dev 0.8992 ± 0.08992
Underflow 0
Overflow 0
χ² / ndf 1.383 / 4
Constant 10.43 ± 1.92
Mean −0.1178 ± 0.2282
Sigma 1.084 ± 0.221
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

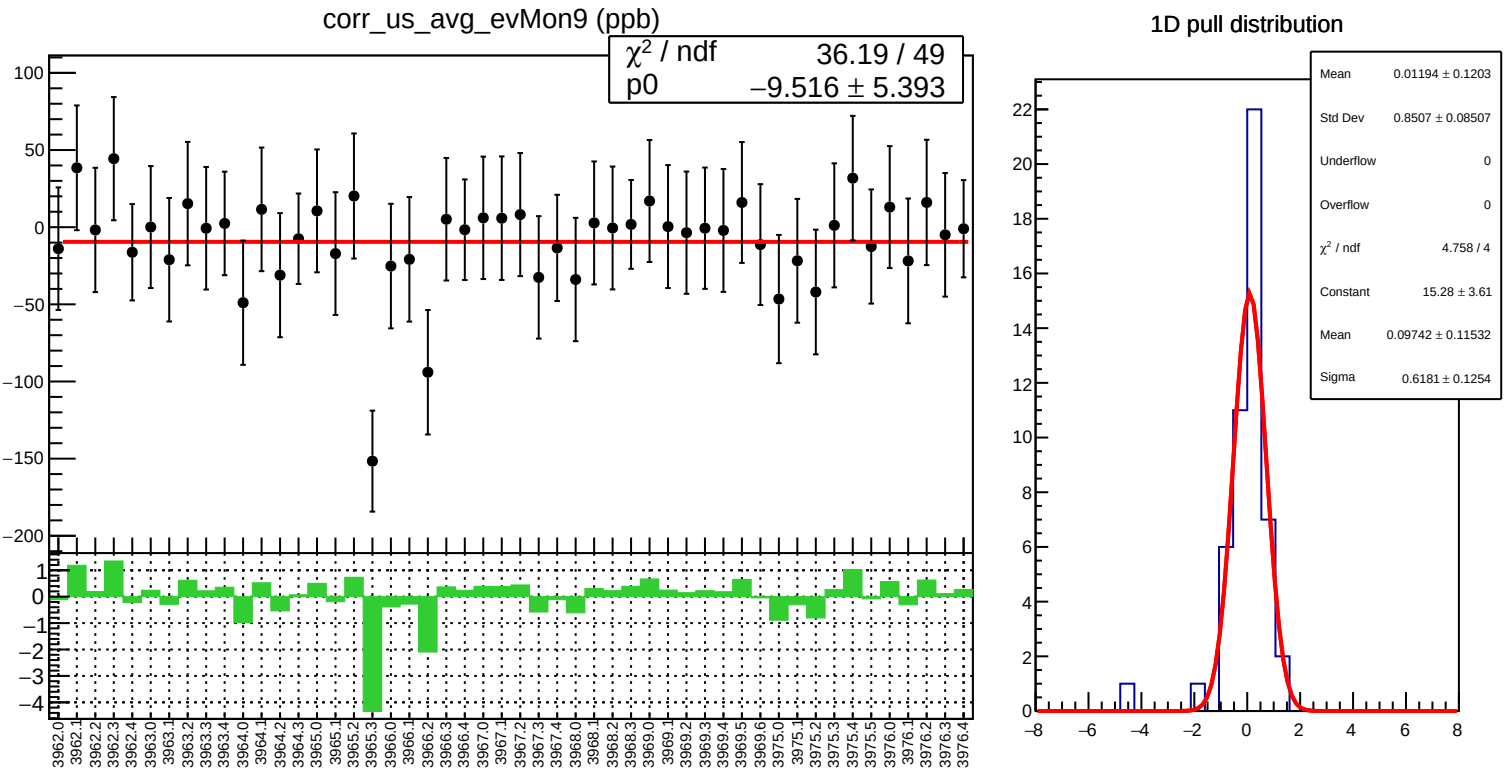
corr_us_avg_evMon7 RMS (ppm)



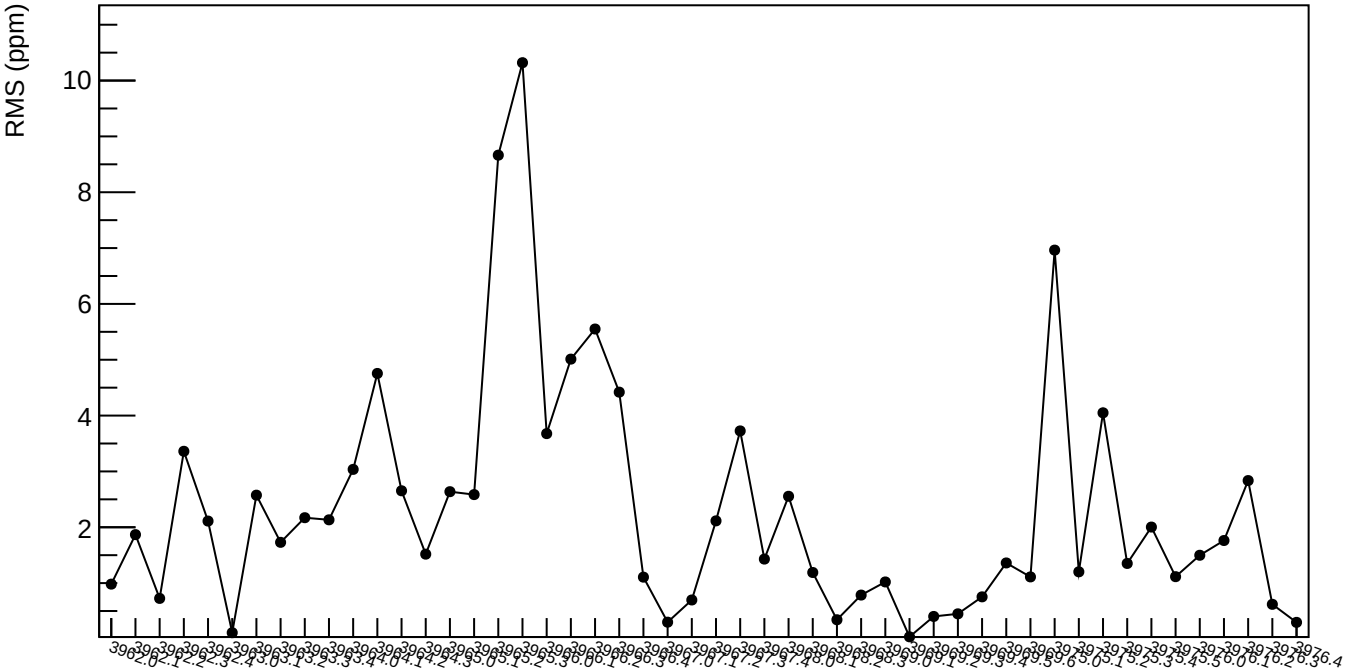

corr_us_avg_evMon8 (ppb)
χ² / ndf 19.92 / 49
p0 −8.853 ± 6.169
1D pull distribution
Mean 0.007904 ± 0.08926
Std Dev 0.6311 ± 0.06311
Underflow 0
Overflow 0
χ² / ndf 10.65 / 4
Constant 18.26 ± 22.04
Mean 0.04168 ± 0.41575
Sigma 0.4585 ± 0.5390

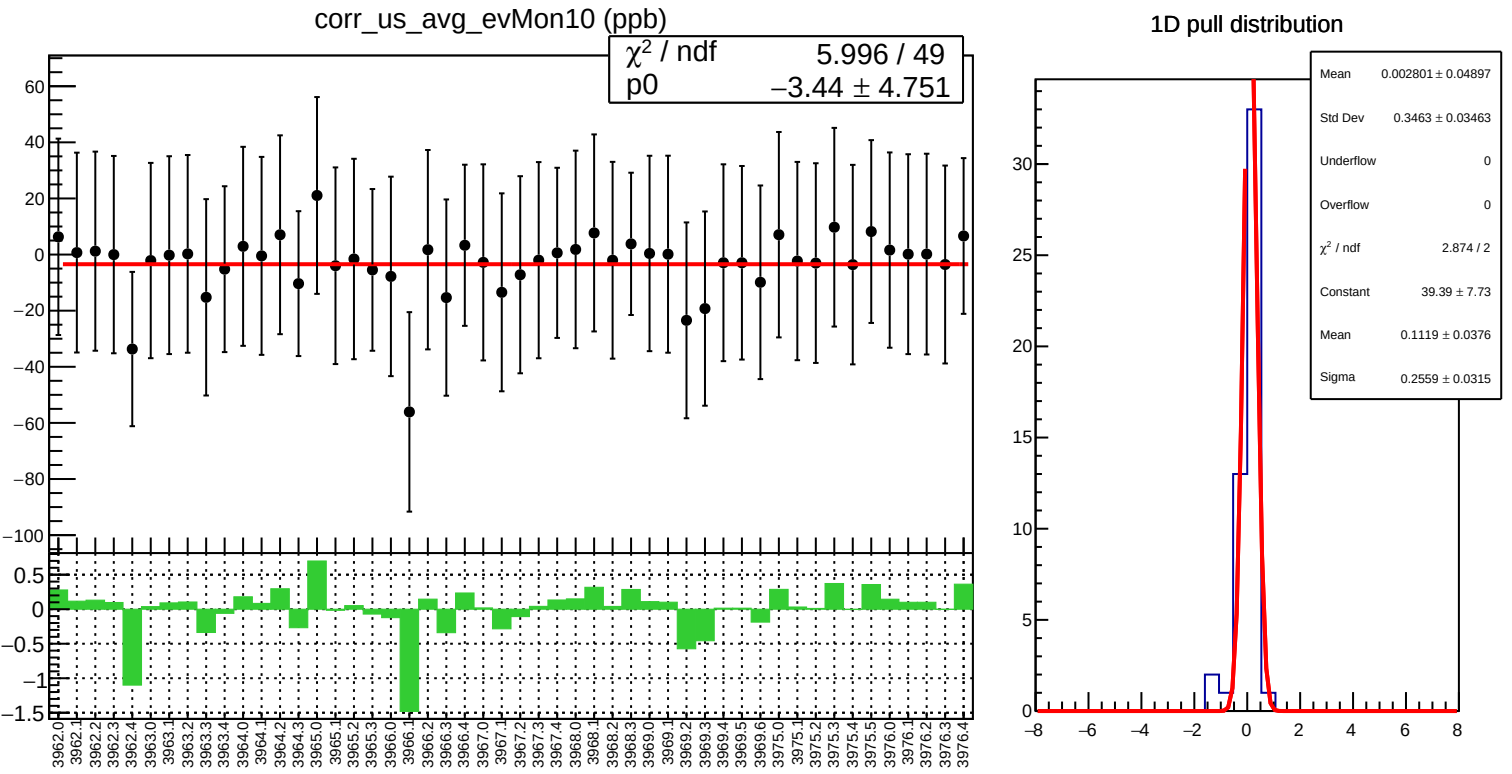
corr_us_avg_evMon8 RMS (ppm)



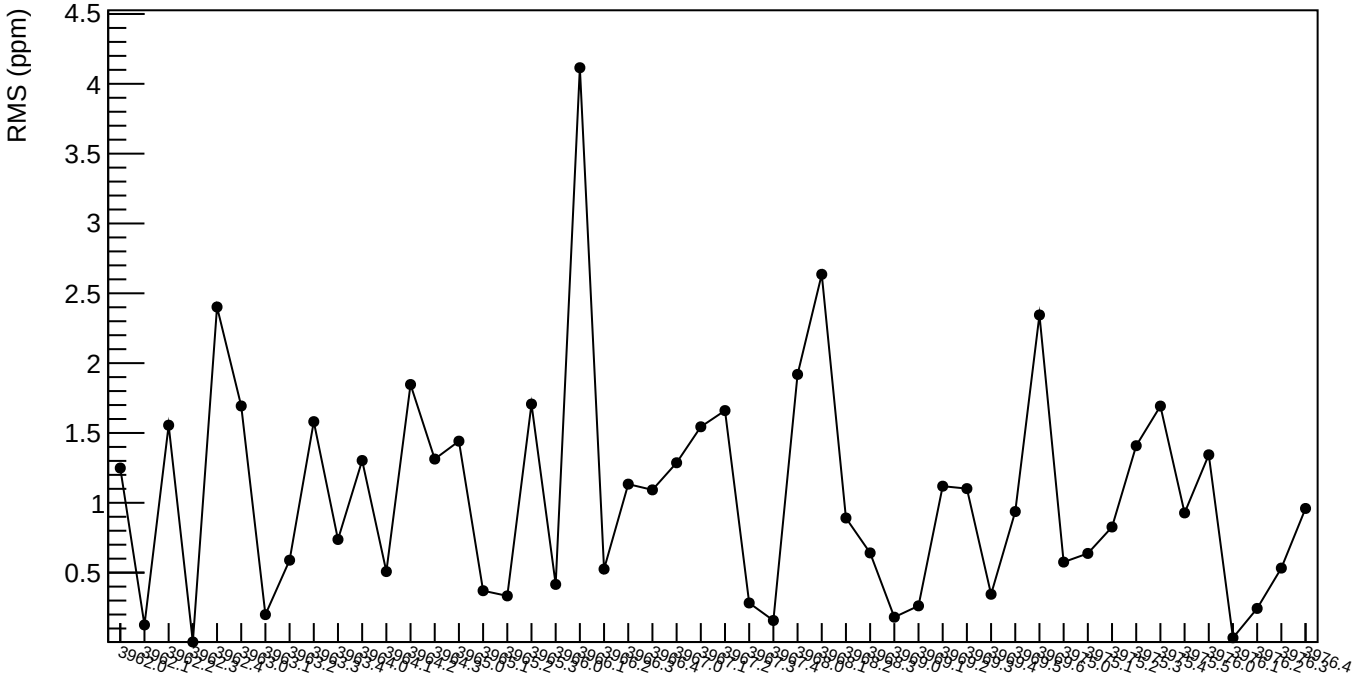

corr_us_avg_evMon9 (ppb)
χ² / ndf 36.19 / 49
p0 −9.516 ± 5.393
1D pull distribution
Mean 0.01194 ± 0.1203
Std Dev 0.8507 ± 0.08507
Underflow 0
Overflow 0
χ² / ndf 4.758 / 4
Constant 15.28 ± 3.61
Mean 0.09742 ± 0.11532
Sigma 0.6181 ± 0.1254

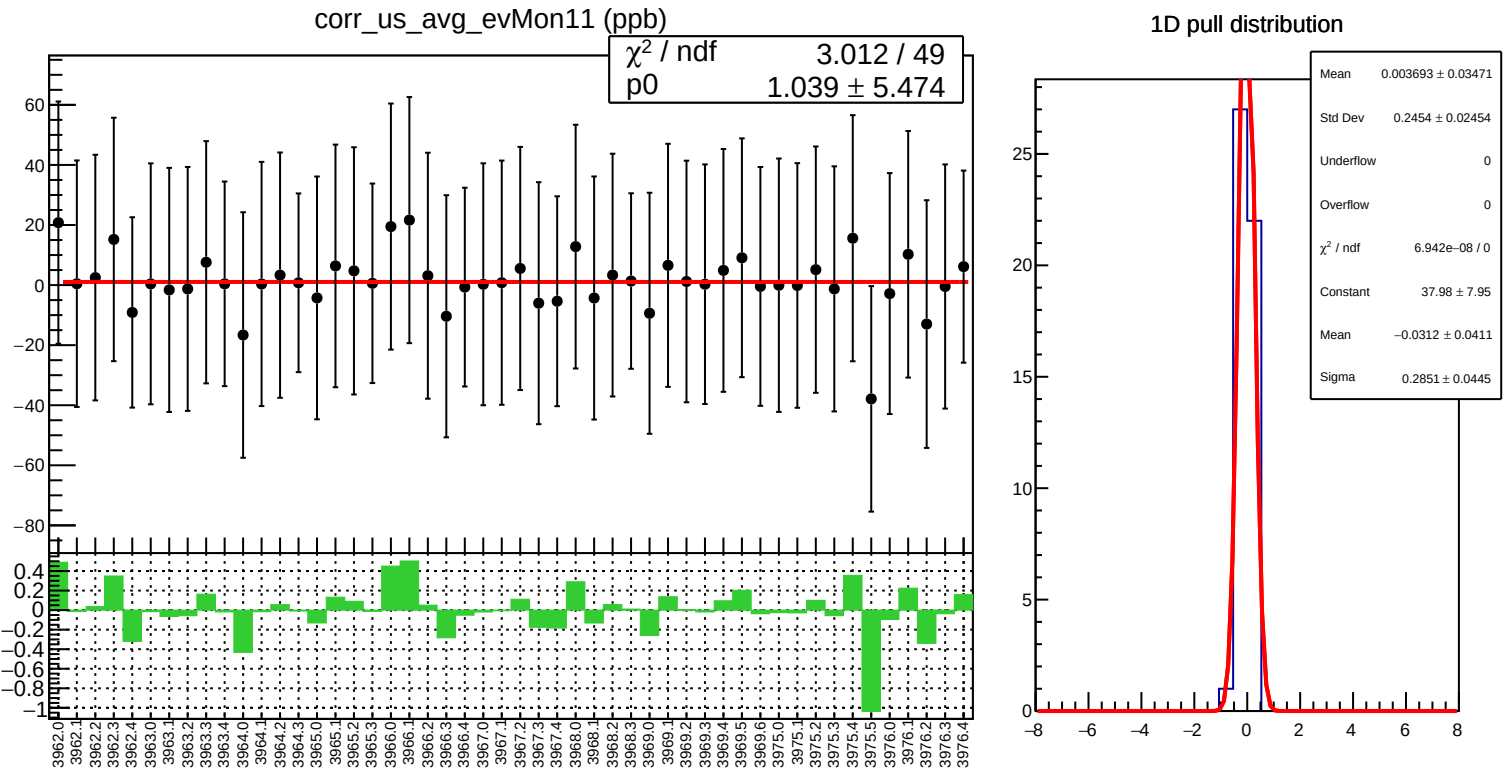
corr_us_avg_evMon9 RMS (ppm)



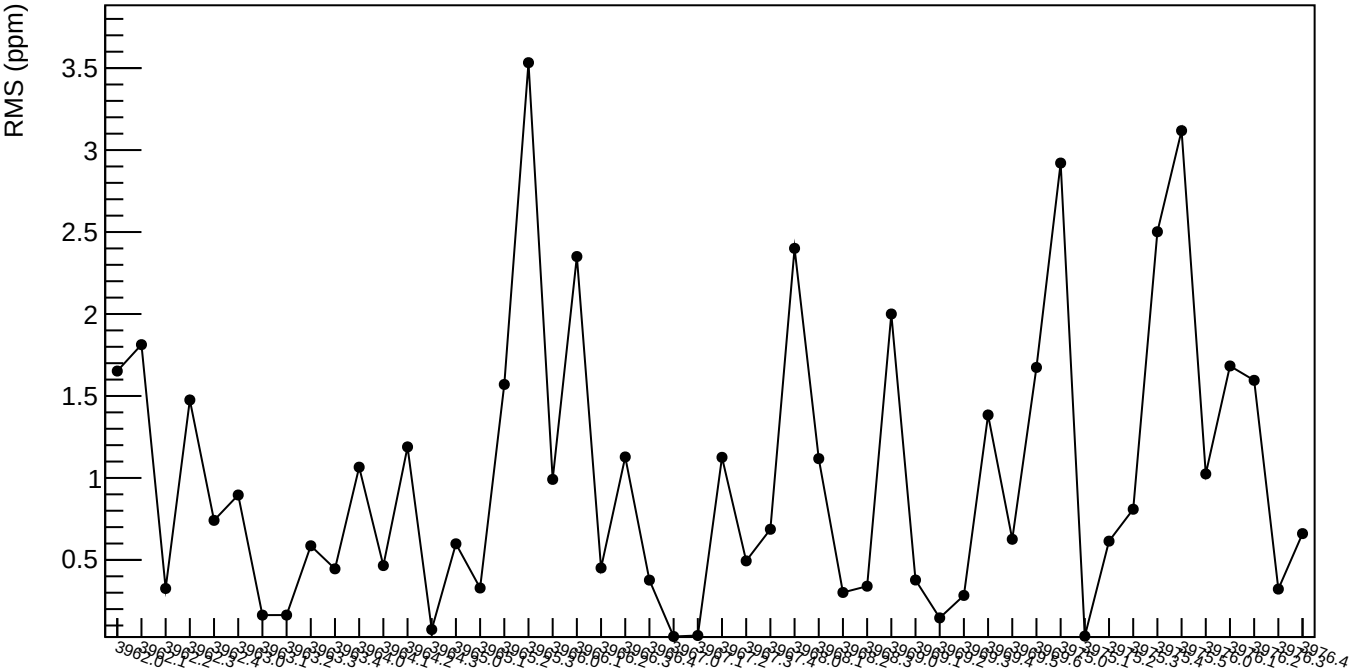

corr_us_avg_evMon10 (ppb)
χ² / ndf 5.996 / 49
p0 −3.44 ± 4.751
1D pull distribution
Mean 0.002801 ± 0.04897
Std Dev 0.3463 ± 0.03463
Underflow 0
Overflow 0
χ² / ndf 2.874 / 2
Constant 39.39 ± 7.73
Mean 0.1119 ± 0.0376
Sigma 0.2559 ± 0.0315

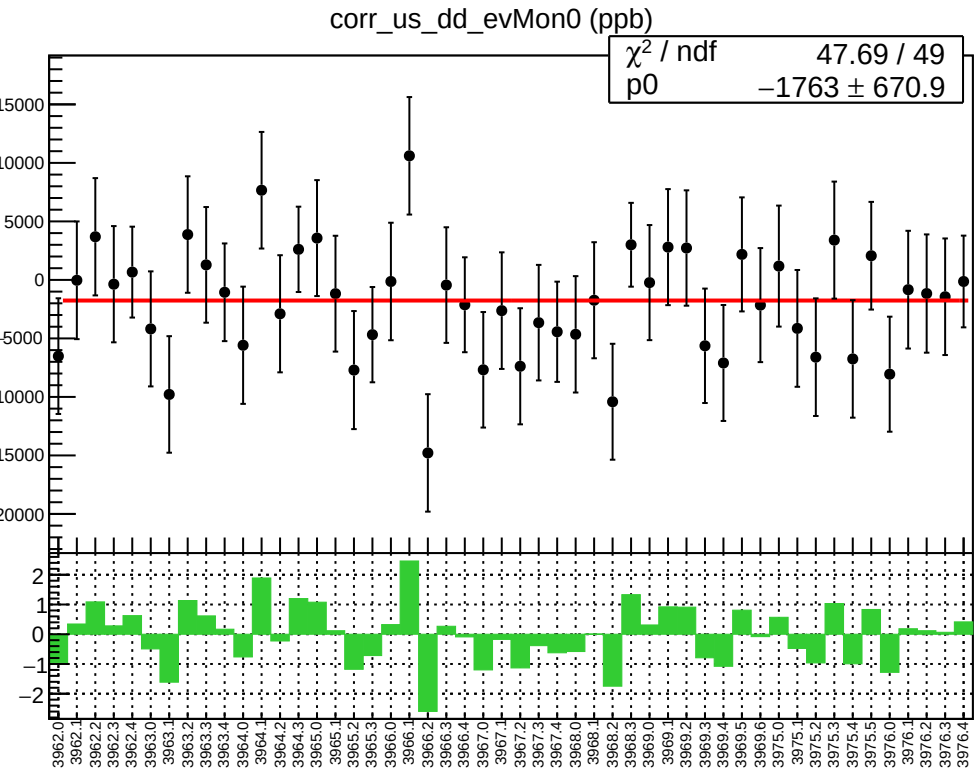
corr_us_avg_evMon10 RMS (ppm)

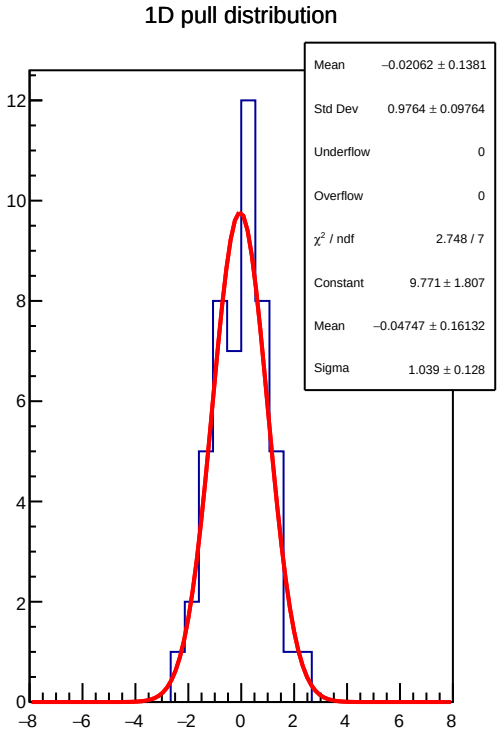


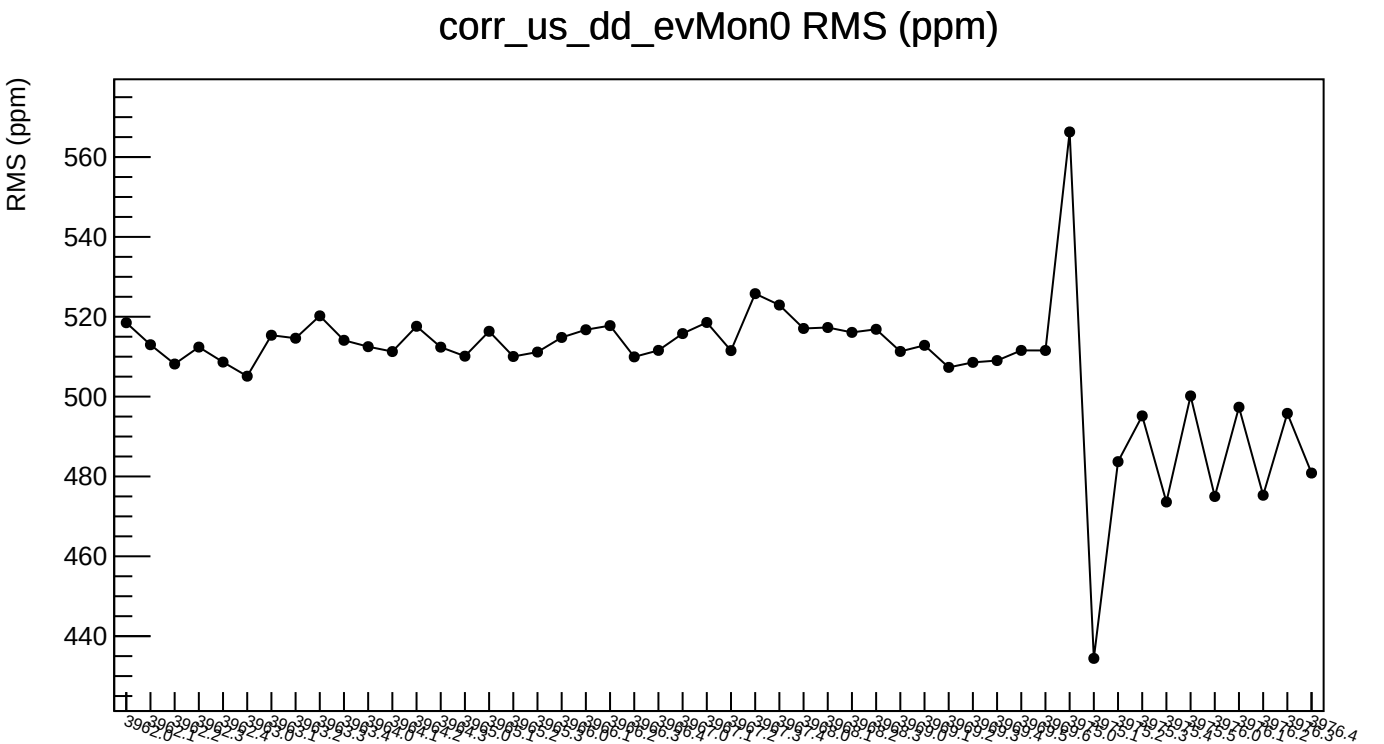

corr_us_avg_evMon11 (ppb)
χ² / ndf 3.012 / 49
p0 1.039 ± 5.474
1D pull distribution
Mean 0.003693 ± 0.03471
Std Dev 0.2454 ± 0.02454
Underflow 0
Overflow 0
χ² / ndf 6.942e−08 / 0
Constant 37.98 ± 7.95
Mean −0.0312 ± 0.0411
Sigma 0.2851 ± 0.0445

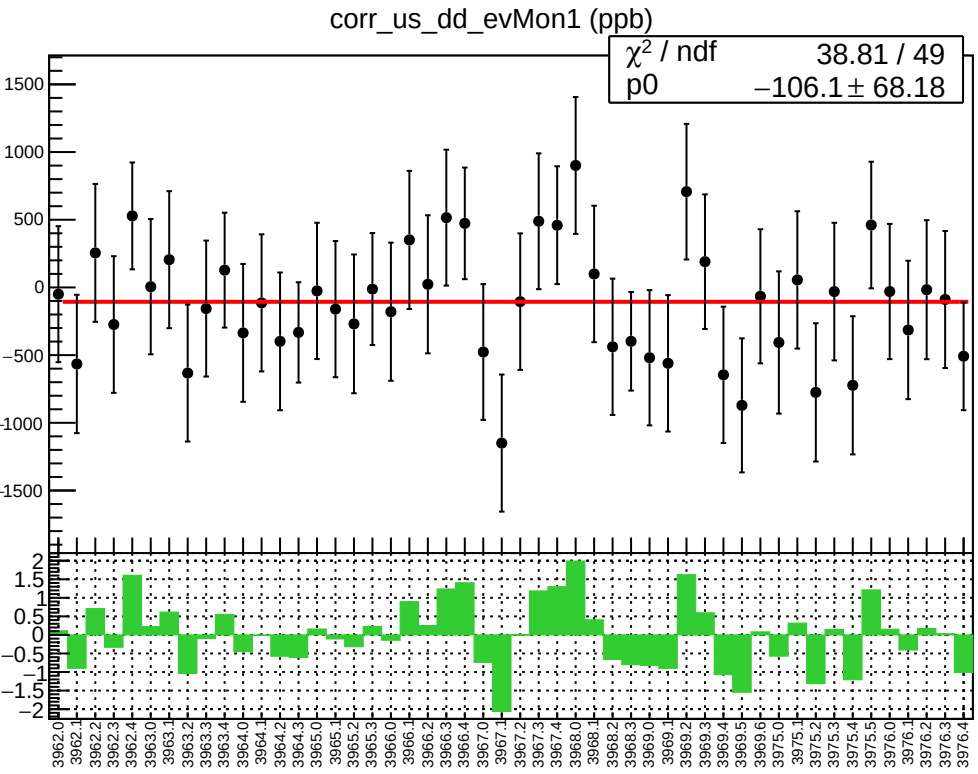
corr_us_avg_evMon11 RMS (ppm)

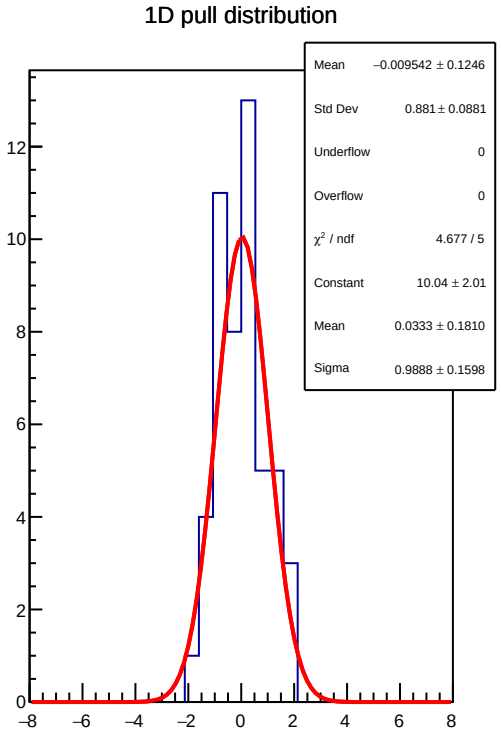



corr_us_dd_evMon0 (ppb)
χ² / ndf 47.69 / 49
p0 −1763 ± 670.9
15000
10000
5000
0
−5000
−10000
−15000
−20000
2
1
0
−1
−2
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4

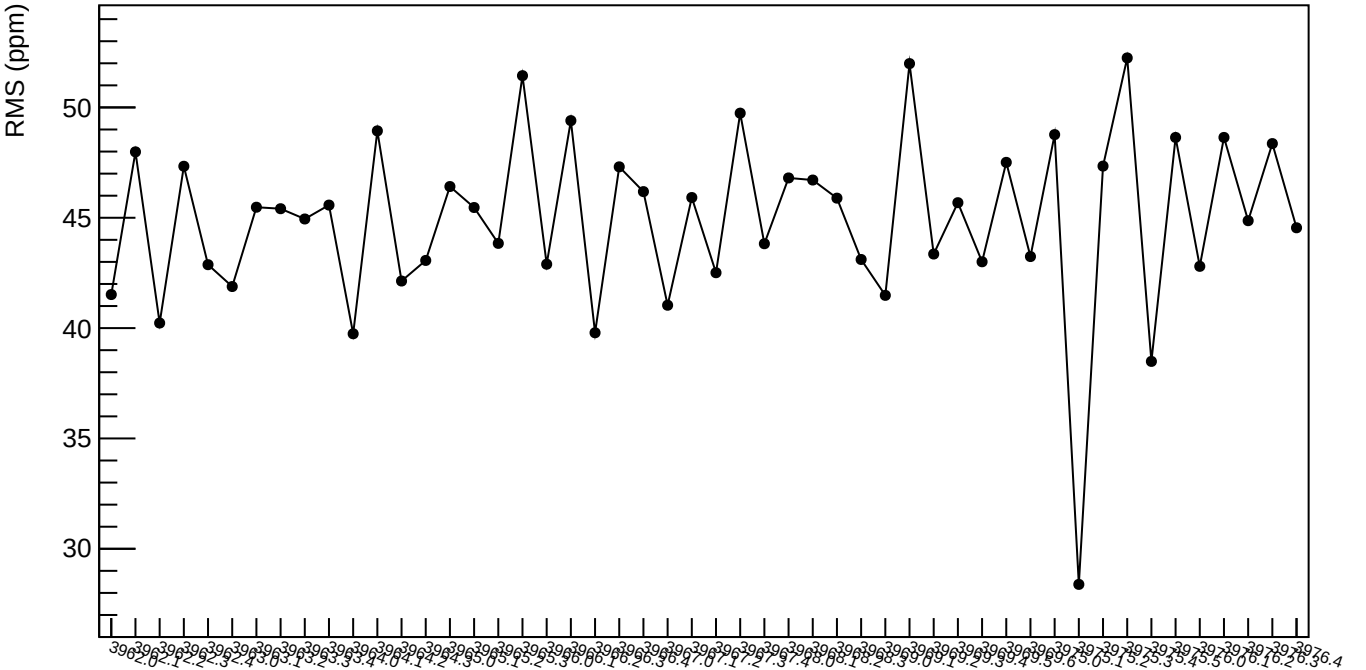

1D pull distribution
Mean −0.02062 ± 0.1381
Std Dev 0.9764 ± 0.09764
Underflow 0
Overflow 0
χ² / ndf 2.748 / 7
Constant 9.771 ± 1.807
Mean −0.04747 ± 0.16132
Sigma 1.039 ± 0.128
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

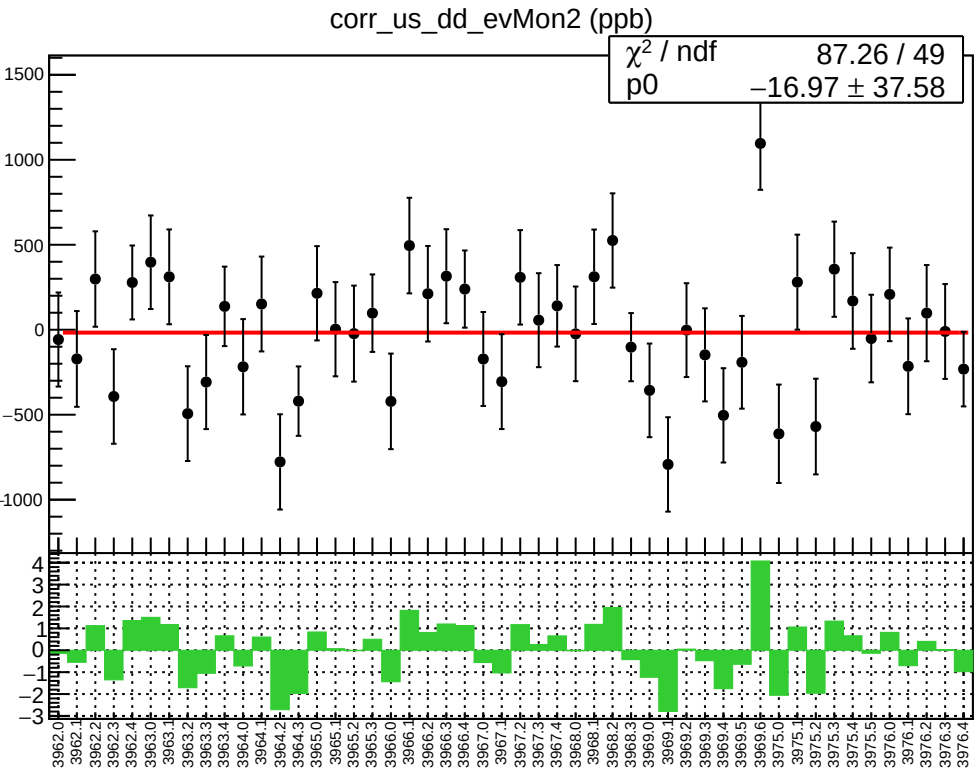

corr_us_dd_evMon0 RMS (ppm)
RMS (ppm)
560
540
520
500
480
460
440

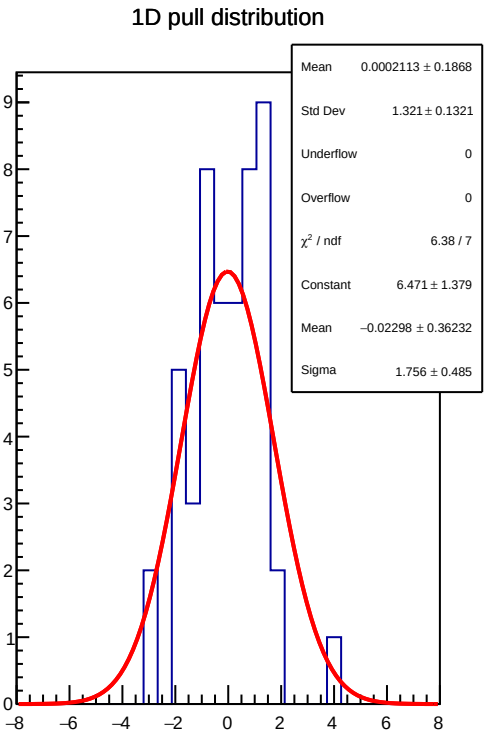

corr_us_dd_evMon1 (ppb)
χ² / ndf 38.81 / 49
p0 −106.1 ± 68.18
1500
1000
500
0
−500
−1000
−1500
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4


1D pull distribution
Mean −0.009542 ± 0.1246
Std Dev 0.881 ± 0.0881
Underflow 0
Overflow 0
χ² / ndf 4.677 / 5
Constant 10.04 ± 2.01
Mean 0.0333 ± 0.1810
Sigma 0.9888 ± 0.1598
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

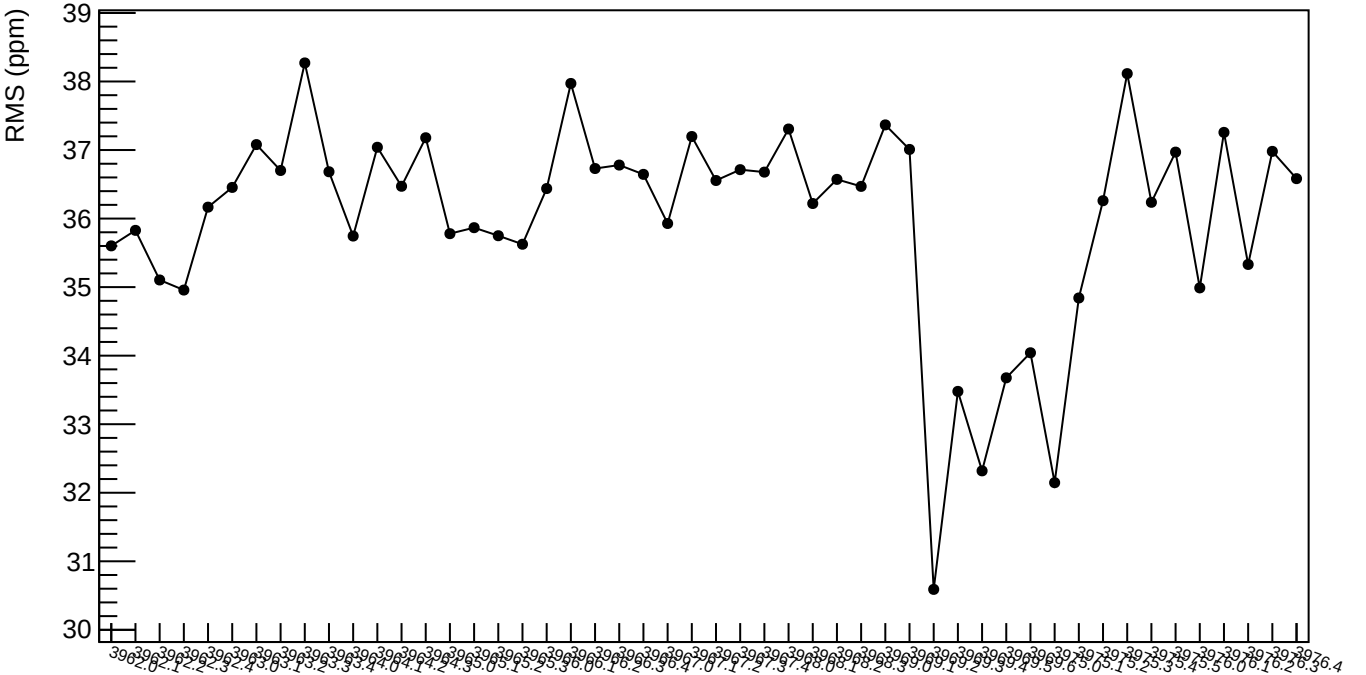
corr_us_dd_evMon1 RMS (ppm)

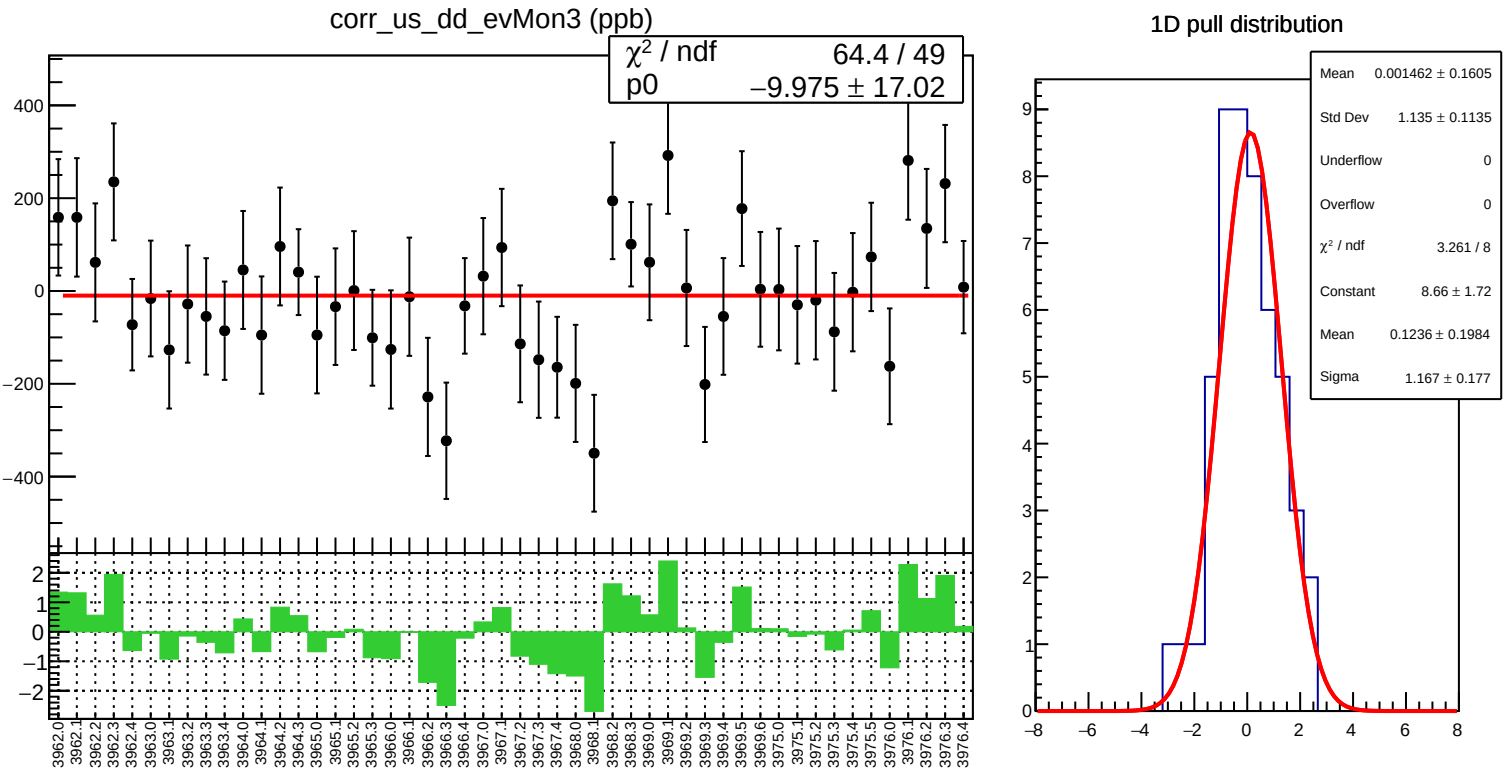



corr_us_dd_evMon2 (ppb)
χ² / ndf 87.26 / 49
p0 −16.97 ± 37.58

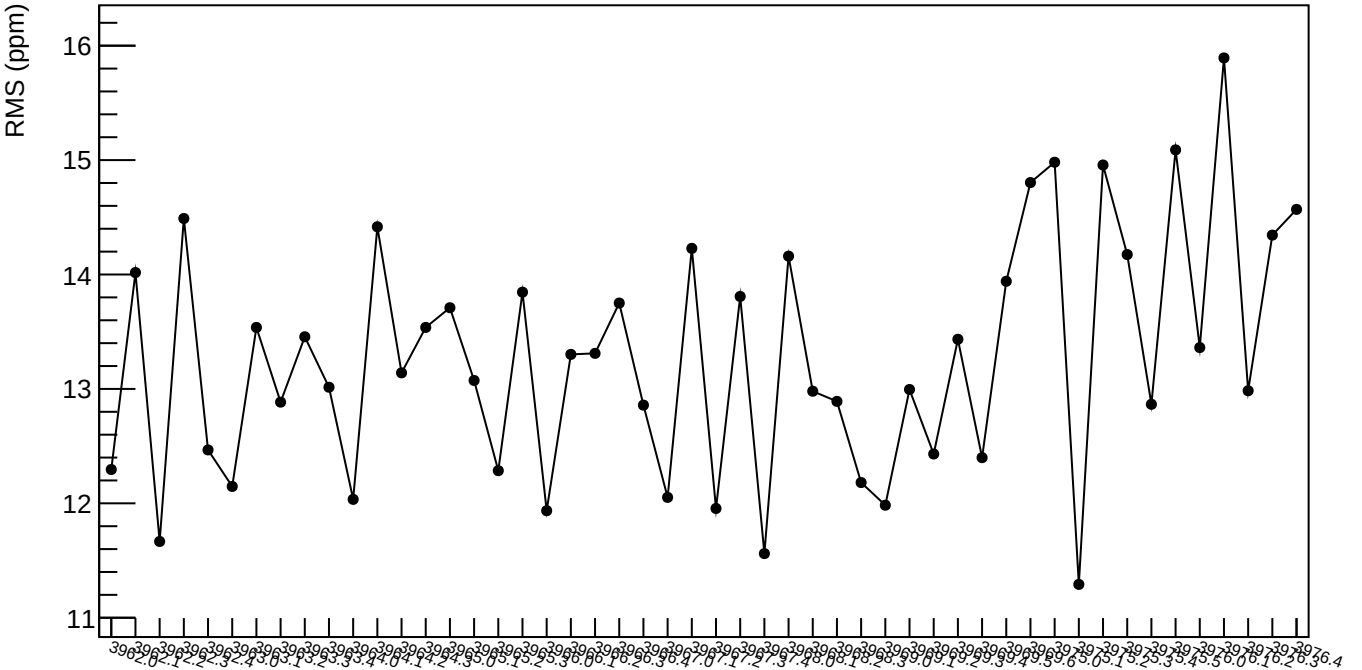

1D pull distribution
Mean 0.0002113 ± 0.1868
Std Dev 1.321 ± 0.1321
Underflow 0
Overflow 0
χ² / ndf 6.38 / 7
Constant 6.471 ± 1.379
Mean −0.02298 ± 0.36232
Sigma 1.756 ± 0.485

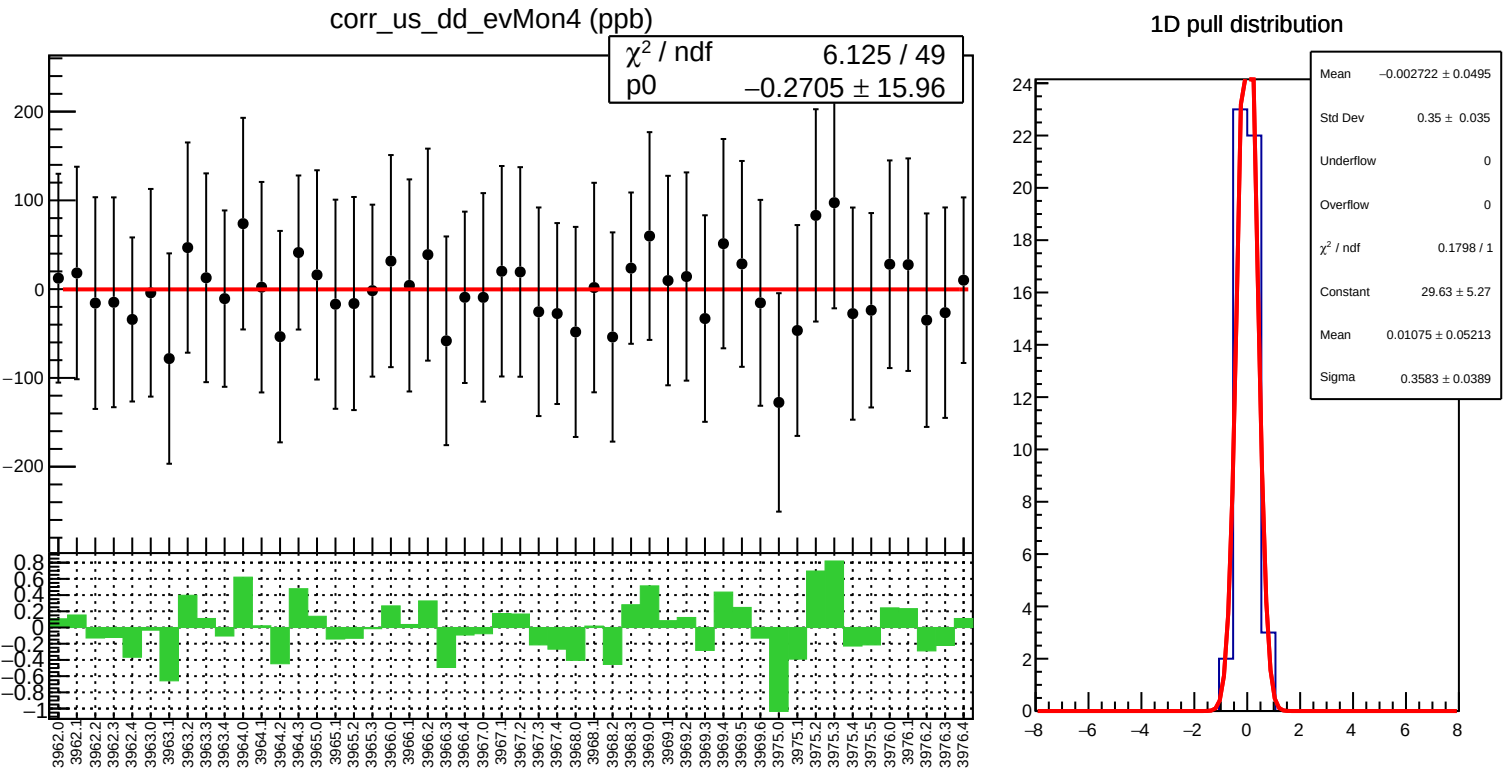
corr_us_dd_evMon2 RMS (ppm)



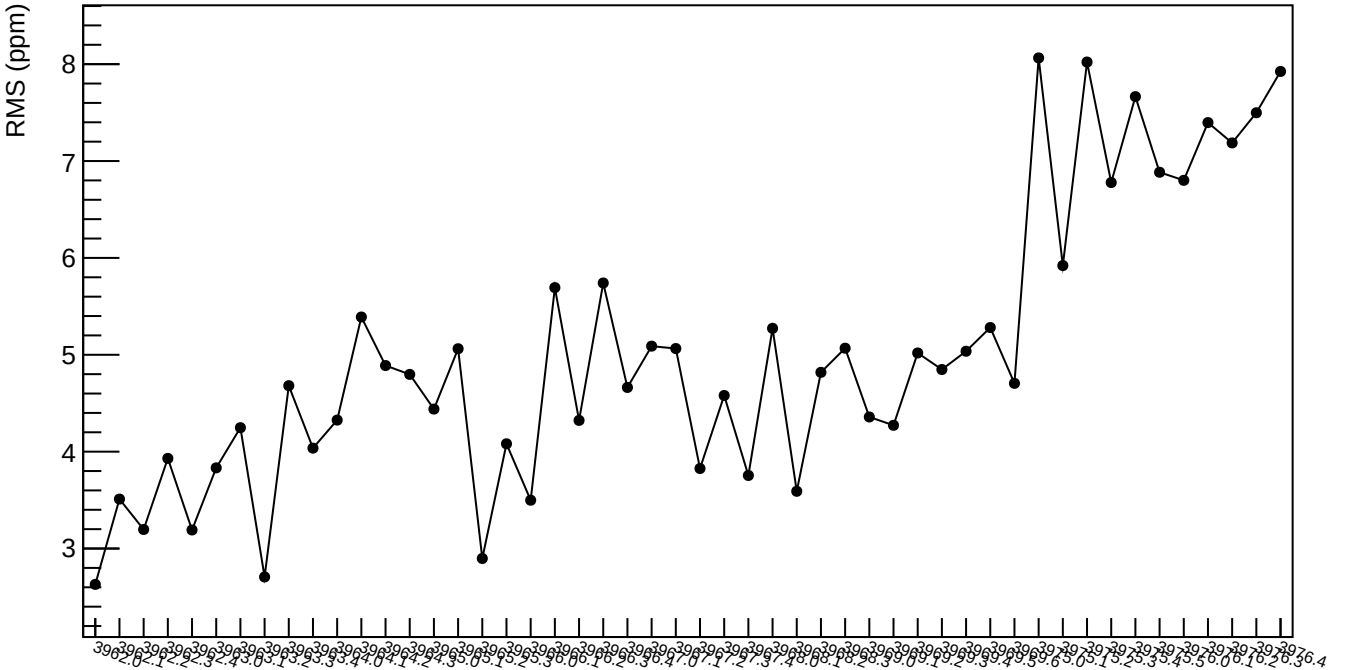

corr_us_dd_evMon3 (ppb)
χ² / ndf 64.4 / 49
p0 −9.975 ± 17.02
1D pull distribution
Mean 0.001462 ± 0.1605
Std Dev 1.135 ± 0.1135
Underflow 0
Overflow 0
χ² / ndf 3.261 / 8
Constant 8.66 ± 1.72
Mean 0.1236 ± 0.1984
Sigma 1.167 ± 0.177

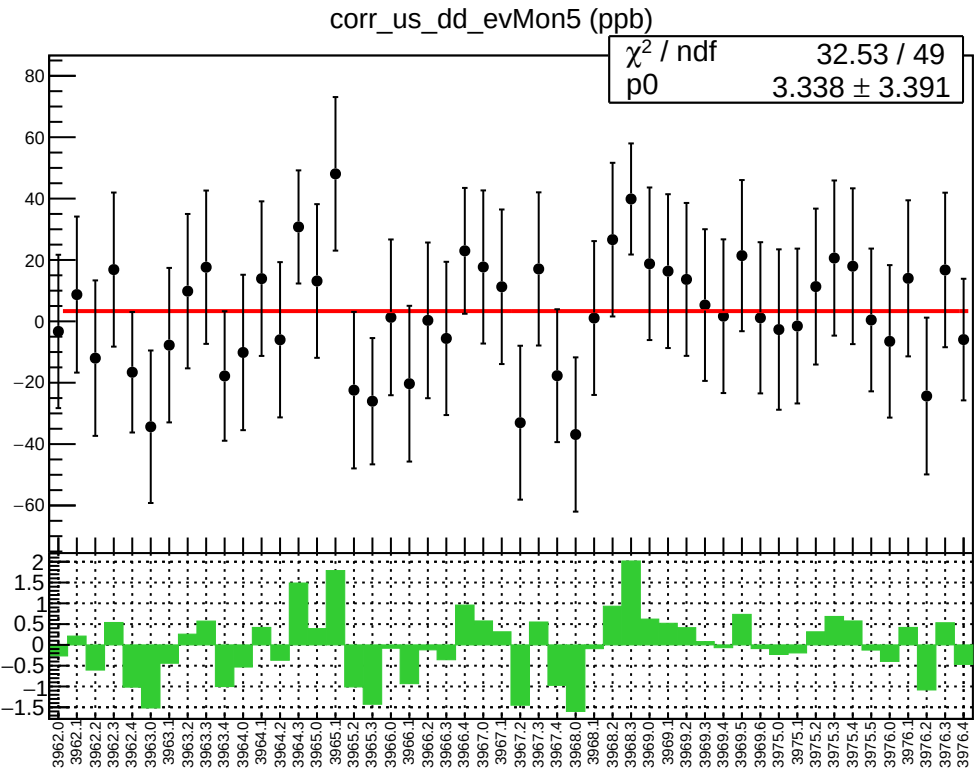
corr_us_dd_evMon3 RMS (ppm)

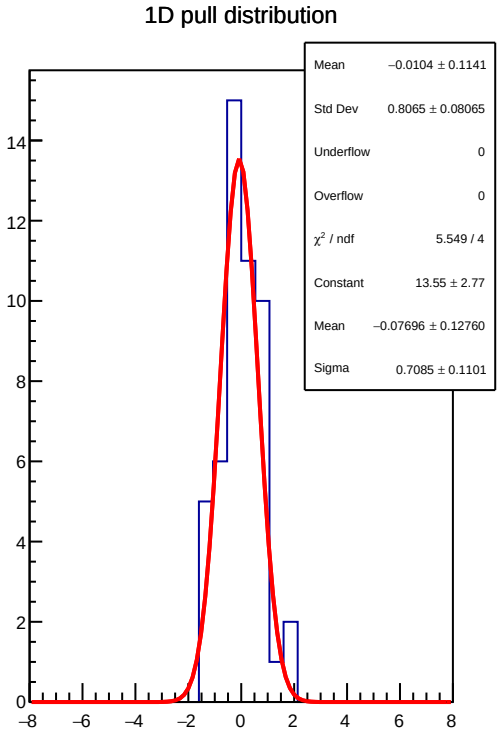


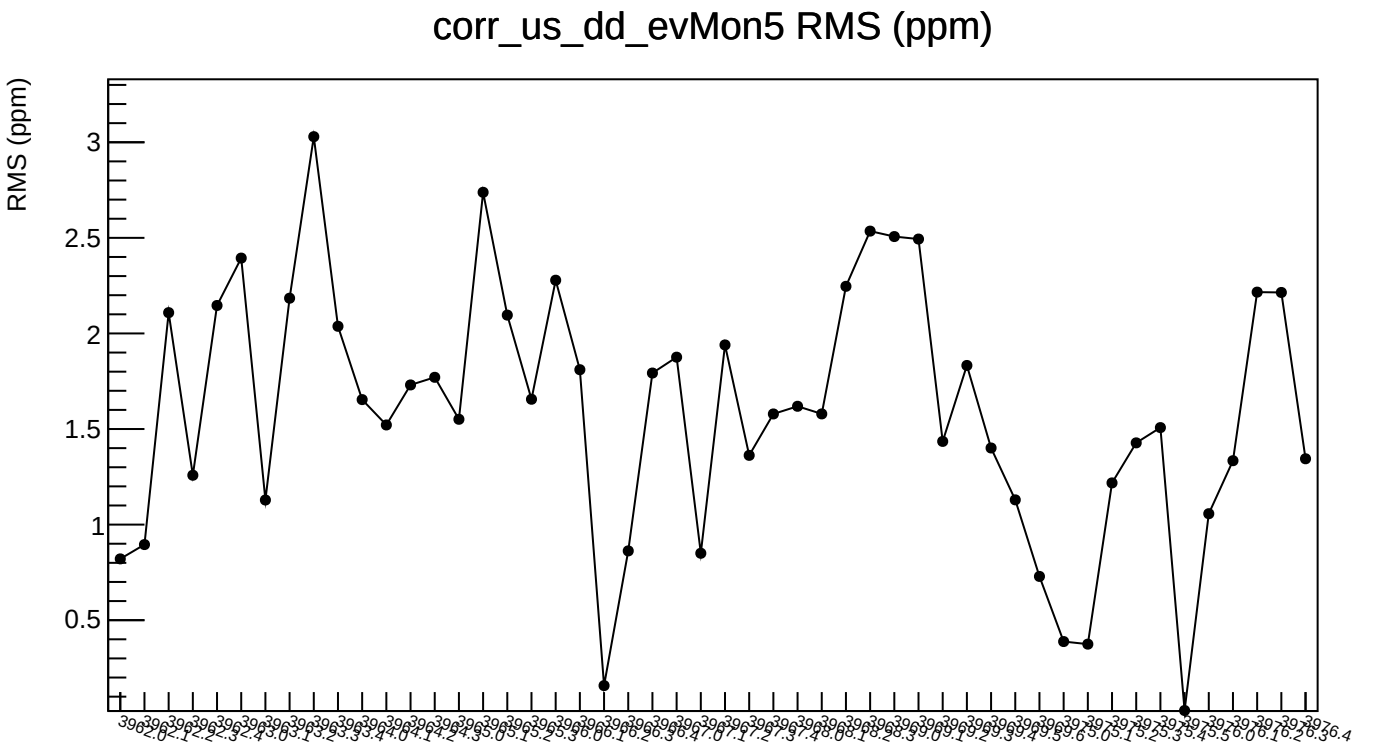

corr_us_dd_evMon4 (ppb)
χ^2 / ndf 6.125 / 49
p0 −0.2705 ± 15.96
1D pull distribution
Mean −0.002722 ± 0.0495
Std Dev 0.35 ± 0.035
Underflow 0
Overflow 0
χ^2 / ndf 0.1798 / 1
Constant 29.63 ± 5.27
Mean 0.01075 ± 0.05213
Sigma 0.3583 ± 0.0389

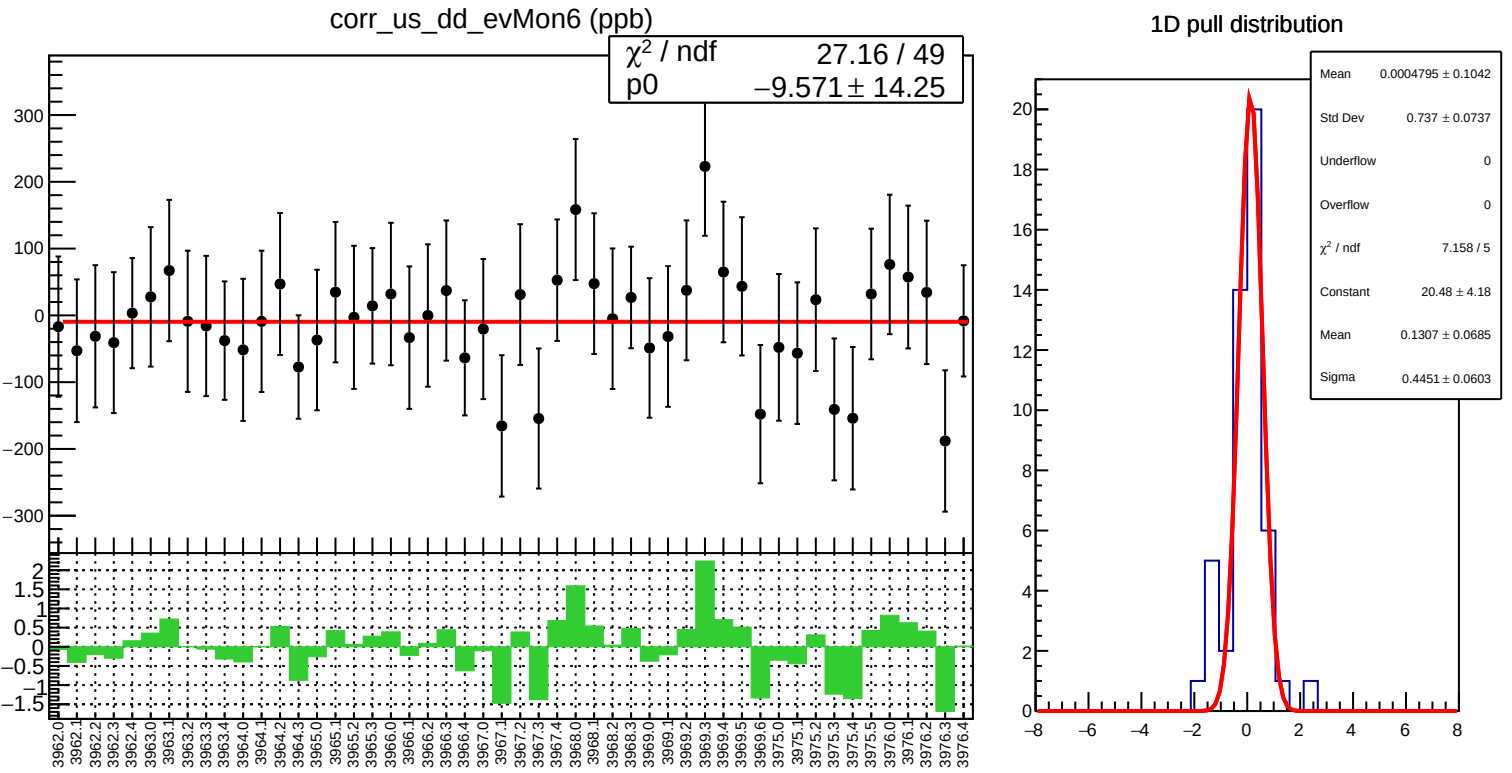
corr_us_dd_evMon4 RMS (ppm)



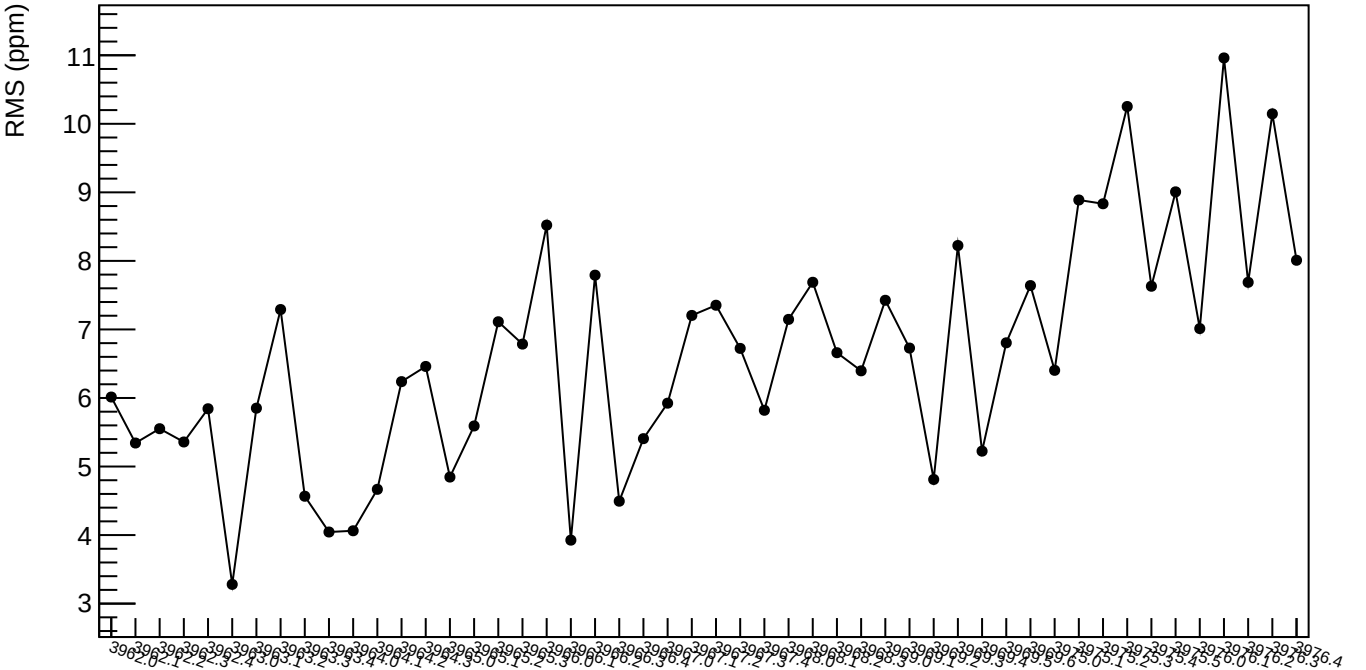

corr_us_dd_evMon5 (ppb)
χ² / ndf 32.53 / 49
p0 3.338 ± 3.391
80
60
40
20
0
−20
−40
−60
2
1.5
1
0.5
0
−0.5
−1
−1.5
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4

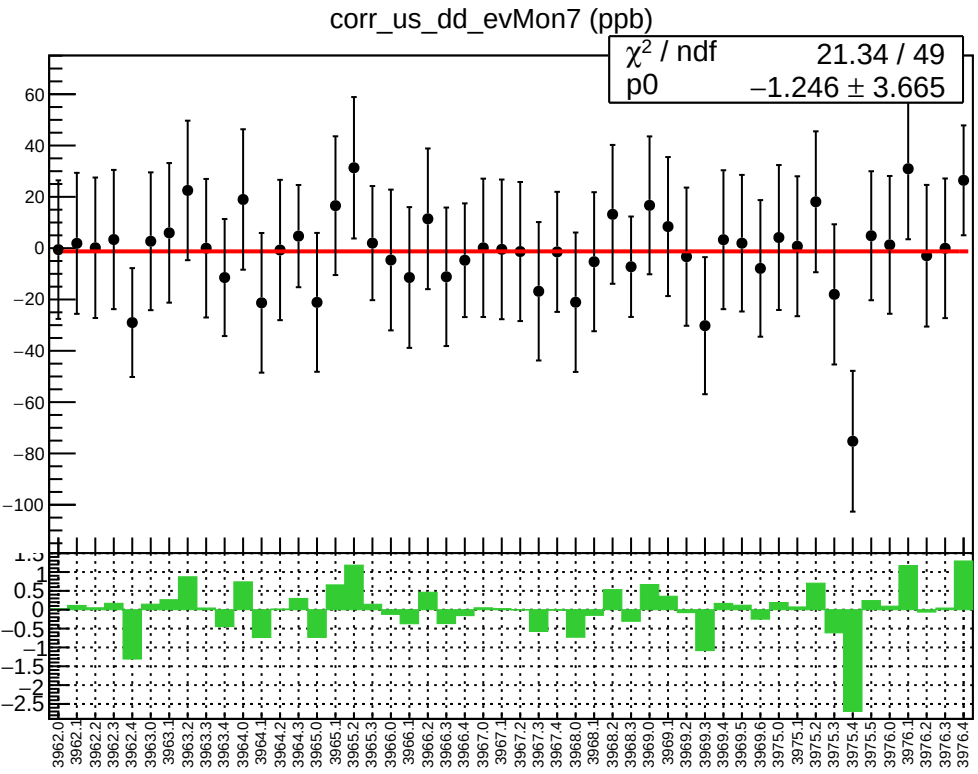

1D pull distribution
Mean −0.0104 ± 0.1141
Std Dev 0.8065 ± 0.08065
Underflow 0
Overflow 0
χ² / ndf 5.549 / 4
Constant 13.55 ± 2.77
Mean −0.07696 ± 0.12760
Sigma 0.7085 ± 0.1101
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

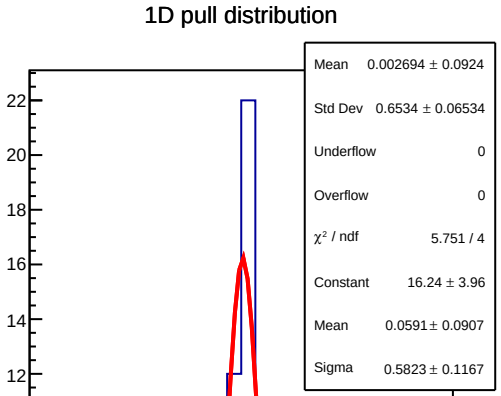

corr_us_dd_evMon5 RMS (ppm)
RMS (ppm)
3
2.5
2
1.5
1
0.5

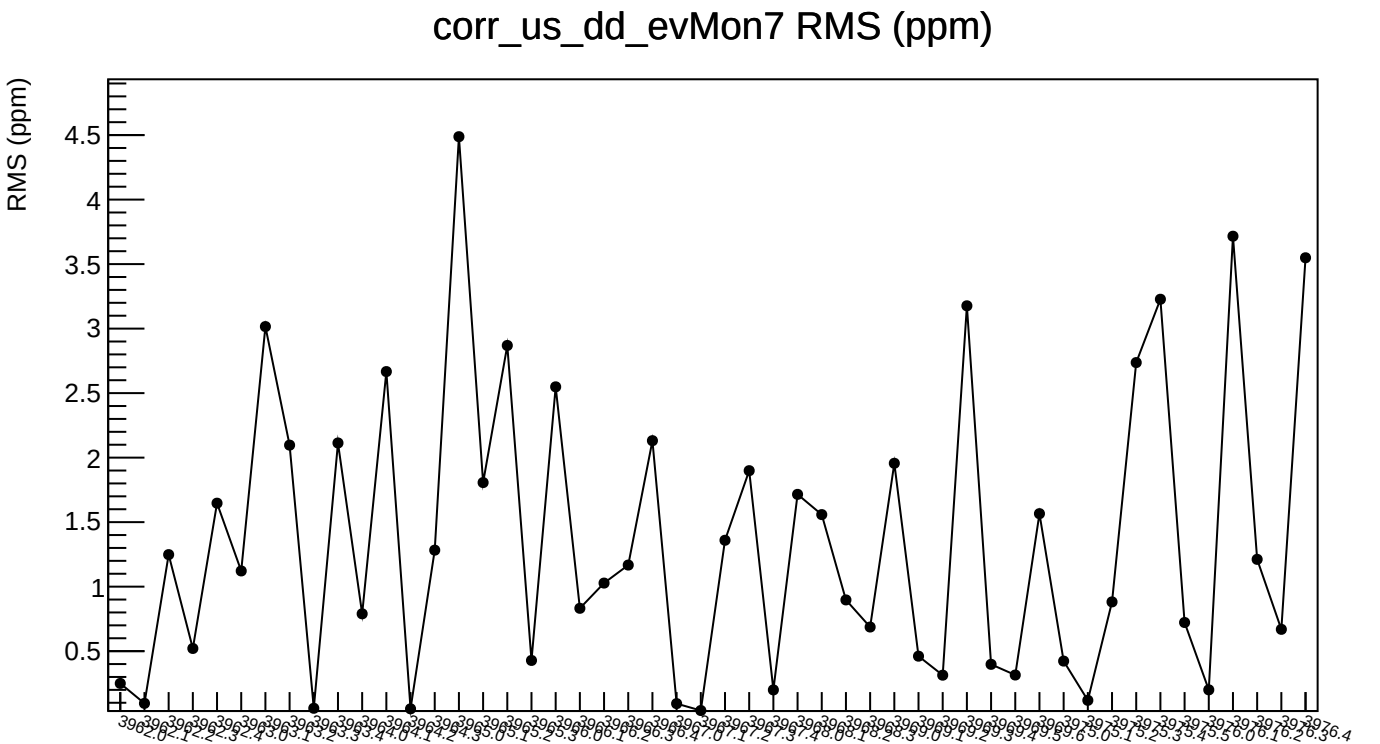

corr_us_dd_evMon6 (ppb)
χ² / ndf 27.16 / 49
p0 −9.571 ± 14.25
1D pull distribution
Mean 0.0004795 ± 0.1042
Std Dev 0.737 ± 0.0737
Underflow 0
Overflow 0
χ² / ndf 7.158 / 5
Constant 20.48 ± 4.18
Mean 0.1307 ± 0.0685
Sigma 0.4451 ± 0.0603

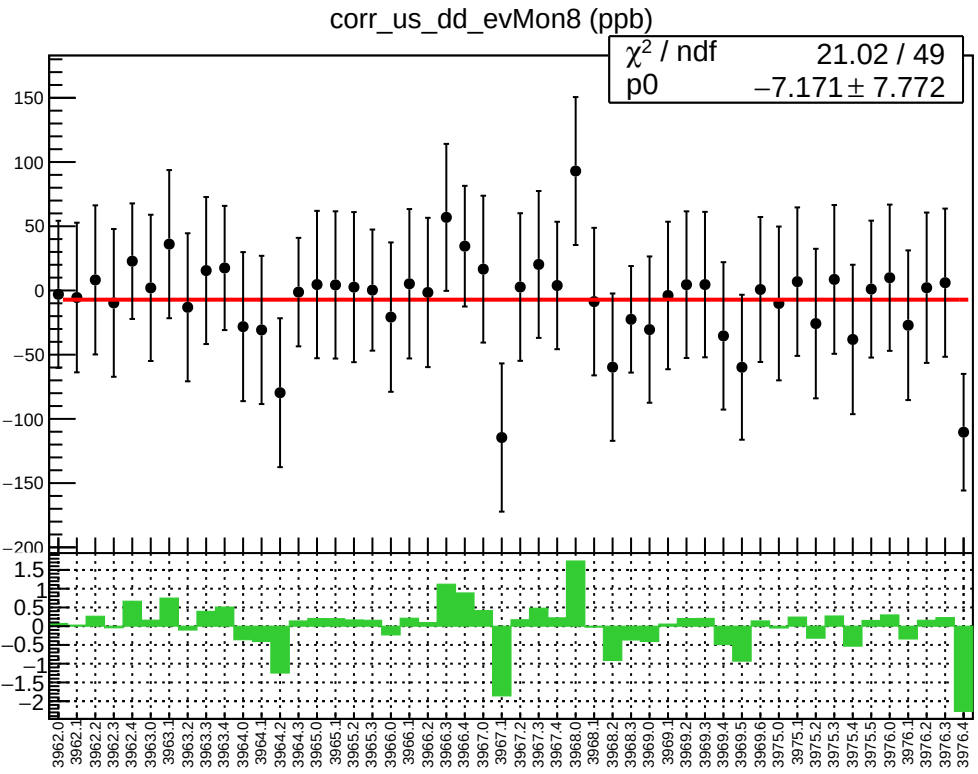
corr_us_dd_evMon6 RMS (ppm)

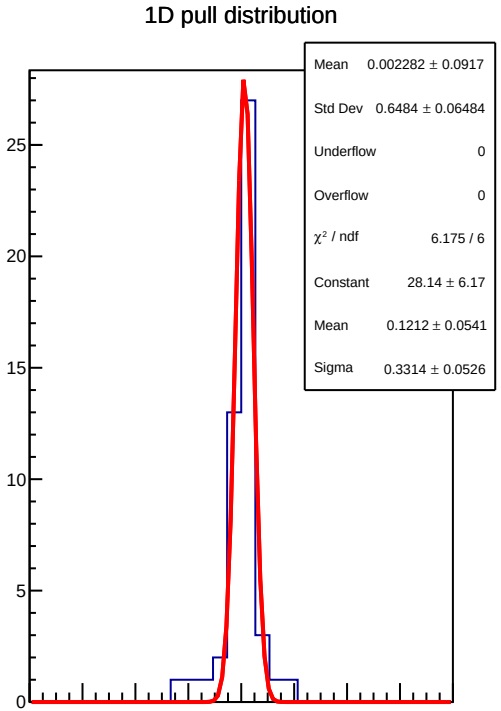



corr_us_dd_evMon7 (ppb)
χ² / ndf 21.34 / 49
p0 −1.246 ± 3.665

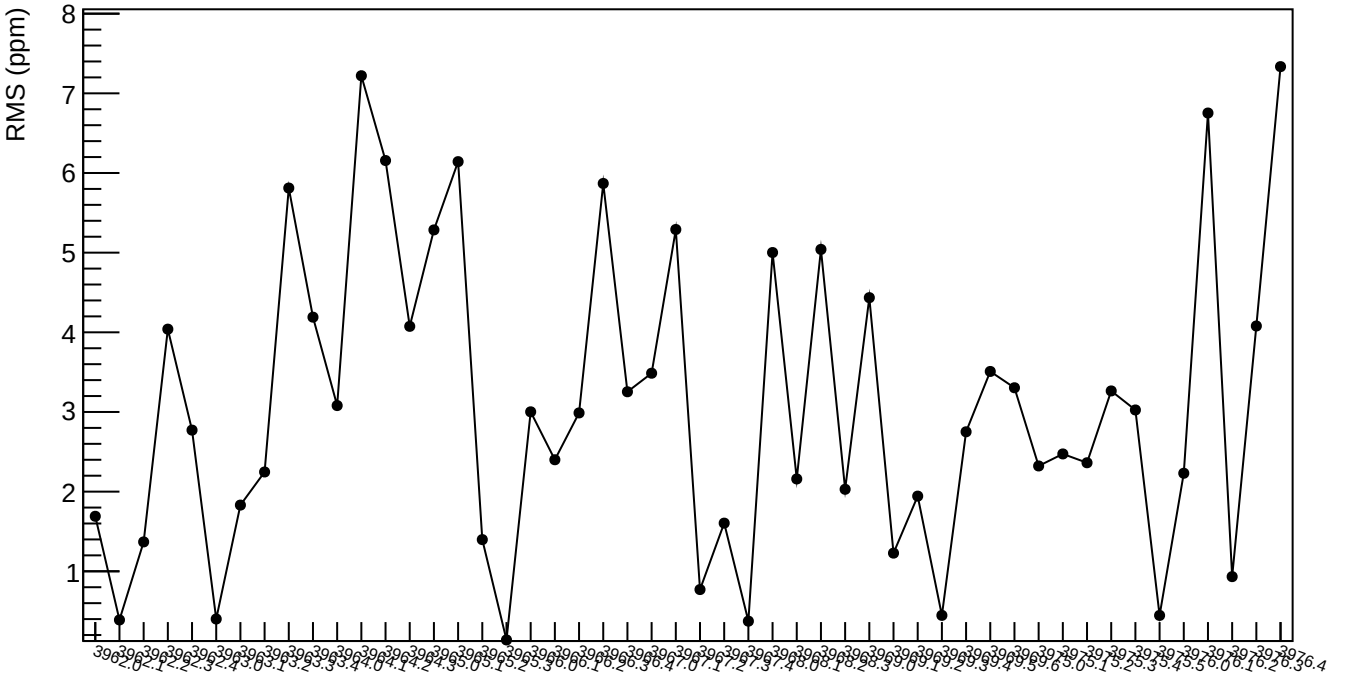

1D pull distribution
Mean 0.002694 ± 0.0924
Std Dev 0.6534 ± 0.06534
Underflow 0
Overflow 0
χ² / ndf 5.751 / 4
Constant 16.24 ± 3.96
Mean 0.0591 ± 0.0907
Sigma 0.5823 ± 0.1167

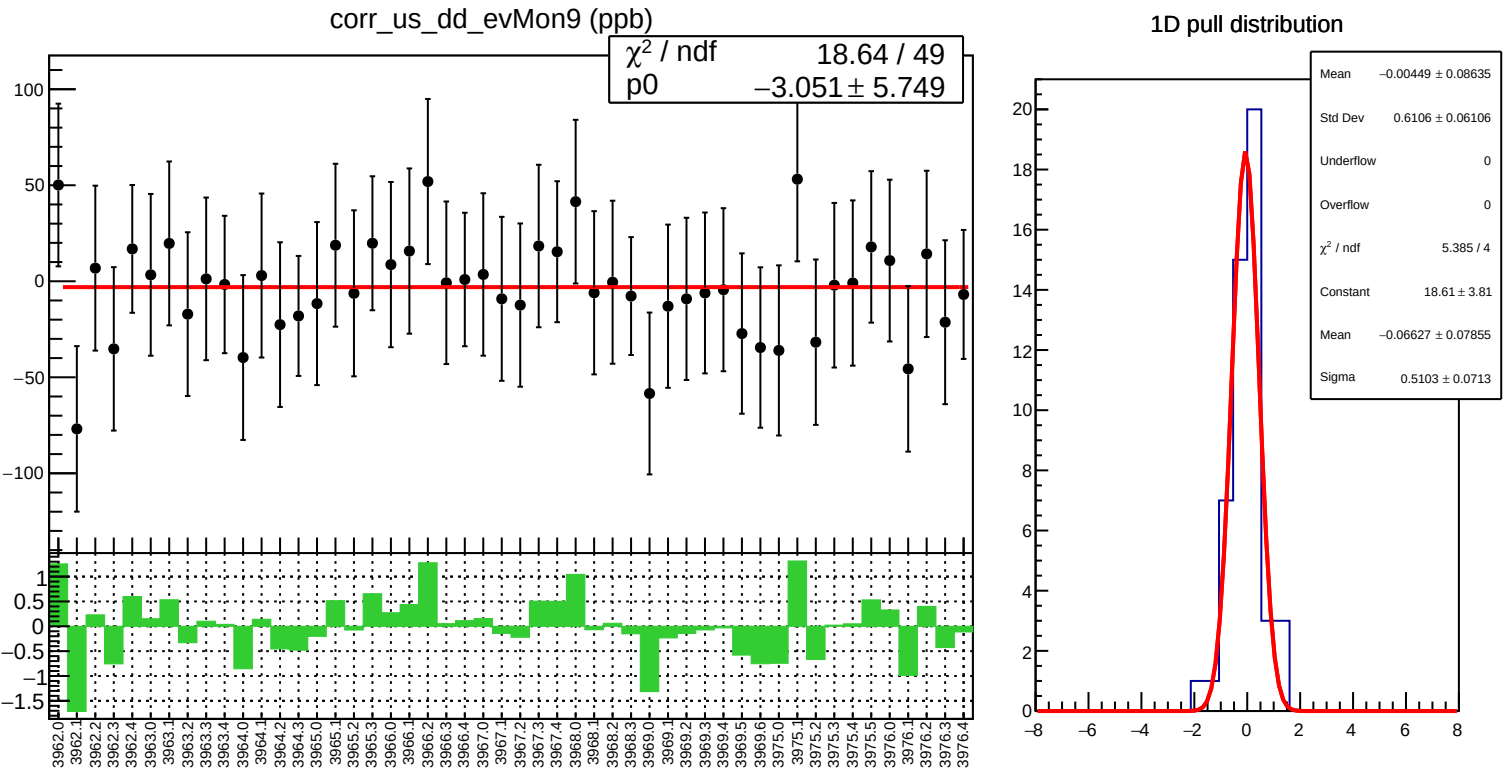

corr_us_dd_evMon7 RMS (ppm)
RMS (ppm)
4.5
4
3.5
3
2.5
2
1.5
1
0.5


corr_us_dd_evMon8 (ppb)
χ² / ndf 21.02 / 49
p0 −7.171 ± 7.772
150
100
50
0
−50
−100
−150
−200
1.5
1
0.5
0
−0.5
−1
−1.5
−2
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4

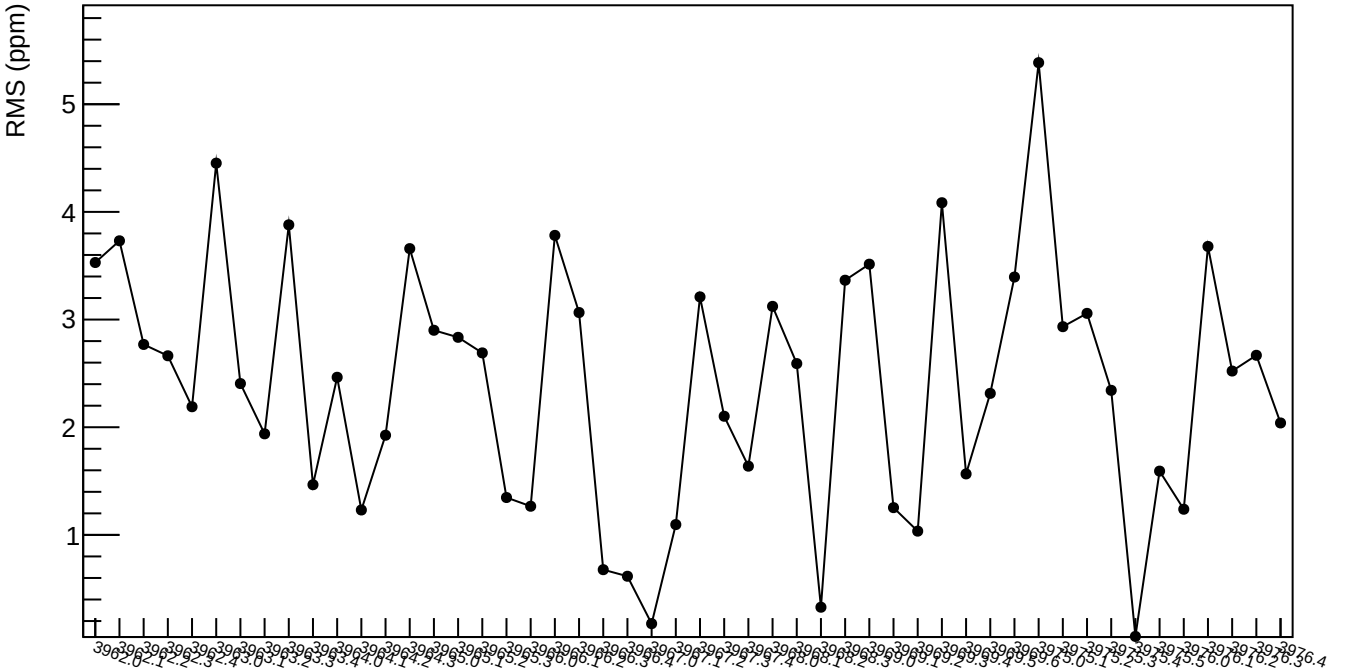

1D pull distribution
Mean 0.002282 ± 0.0917
Std Dev 0.6484 ± 0.06484
Underflow 0
Overflow 0
χ² / ndf 6.175 / 6
Constant 28.14 ± 6.17
Mean 0.1212 ± 0.0541
Sigma 0.3314 ± 0.0526
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

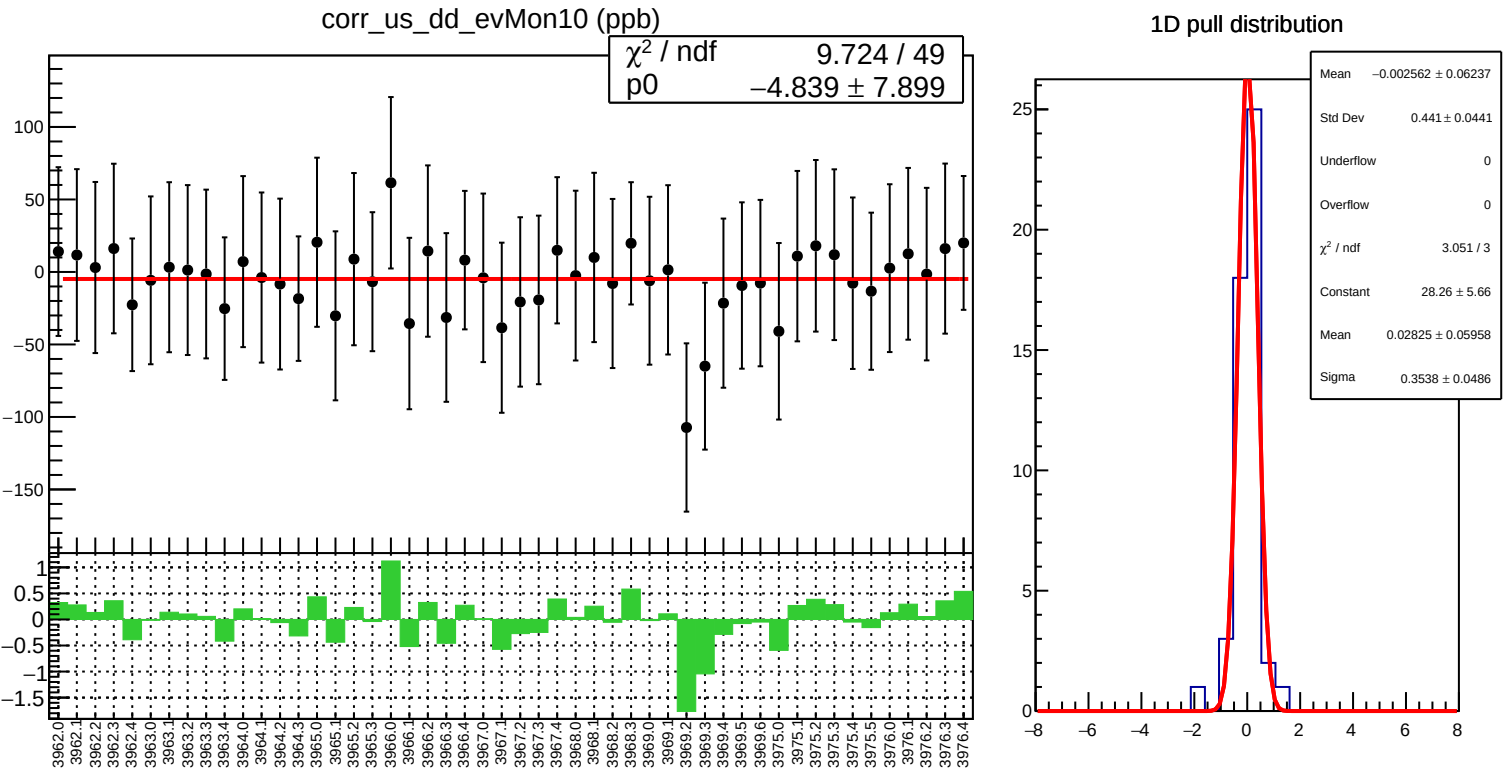
corr_us_dd_evMon8 RMS (ppm)



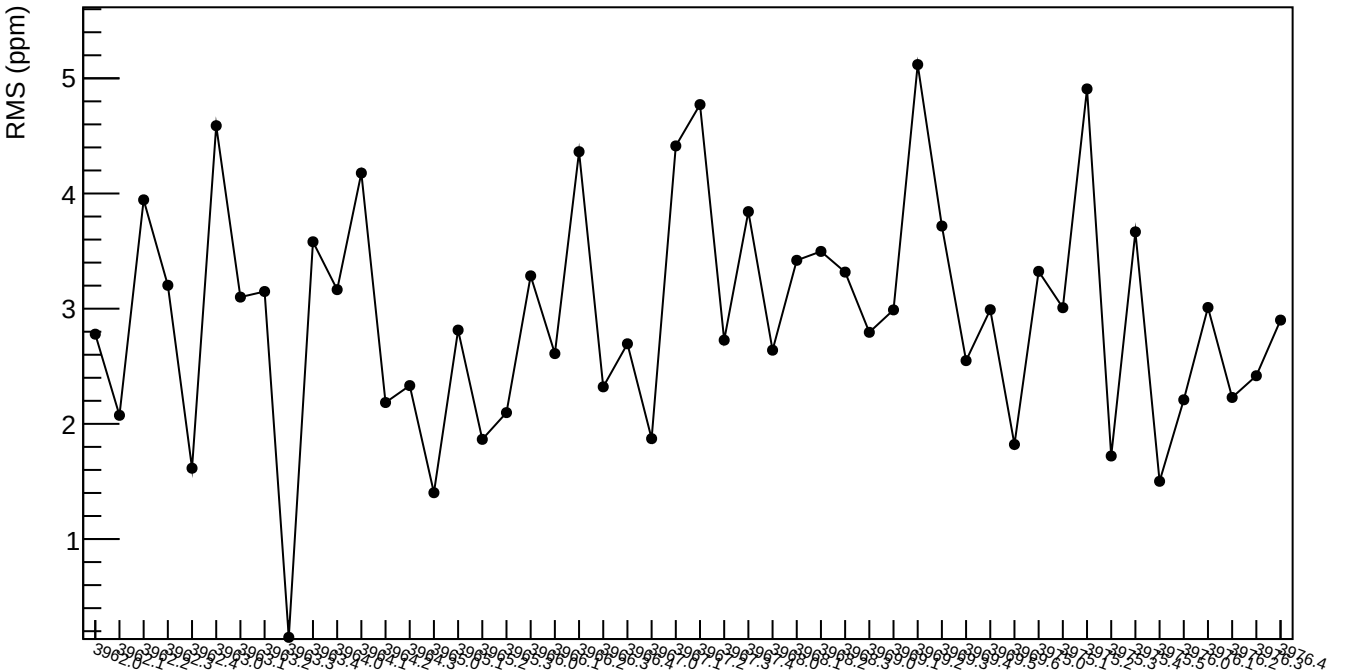

corr_us_dd_evMon9 (ppb)
χ² / ndf 18.64 / 49
p0 −3.051 ± 5.749
1D pull distribution
Mean −0.00449 ± 0.08635
Std Dev 0.6106 ± 0.06106
Underflow 0
Overflow 0
χ² / ndf 5.385 / 4
Constant 18.61 ± 3.81
Mean −0.06627 ± 0.07855
Sigma 0.5103 ± 0.0713

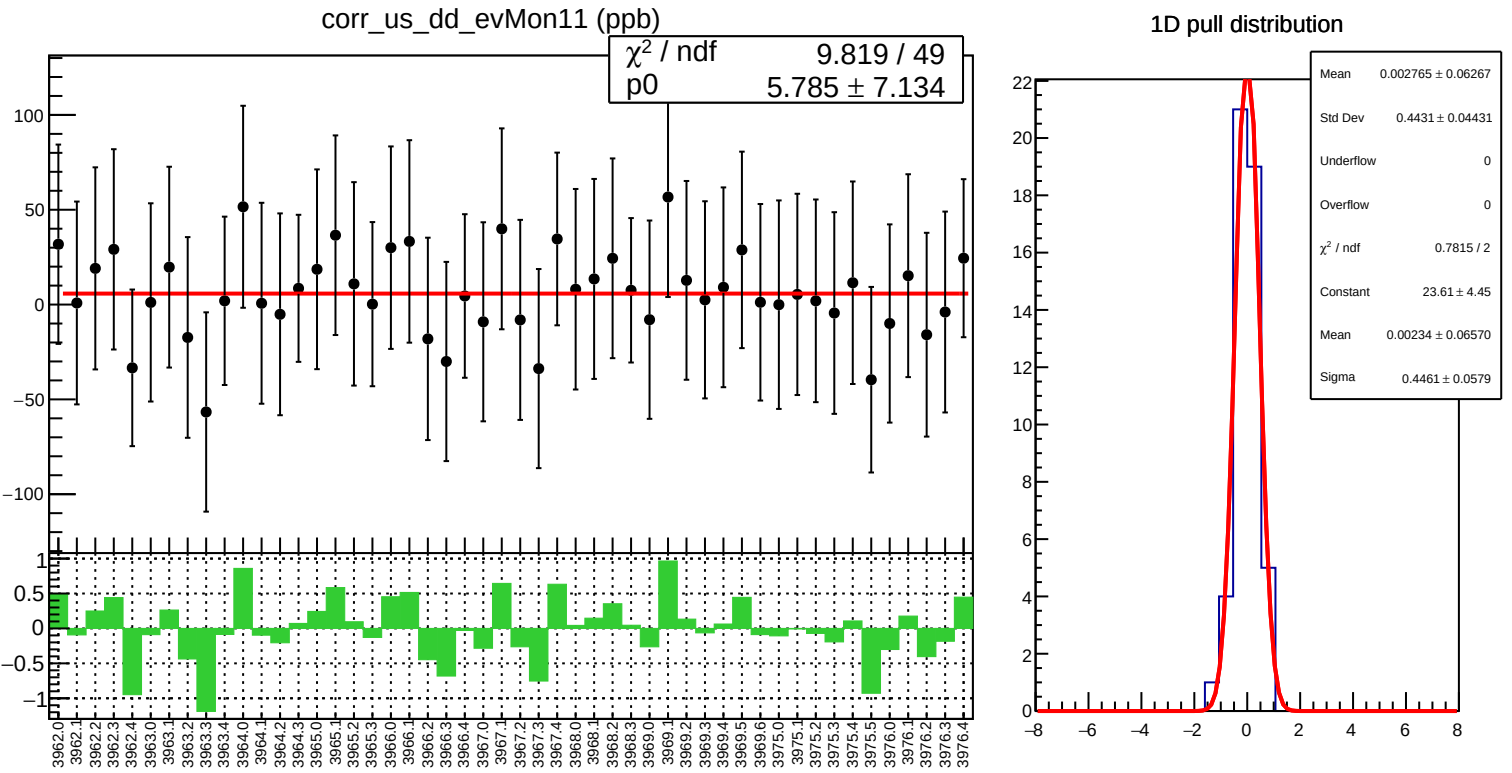
corr_us_dd_evMon9 RMS (ppm)



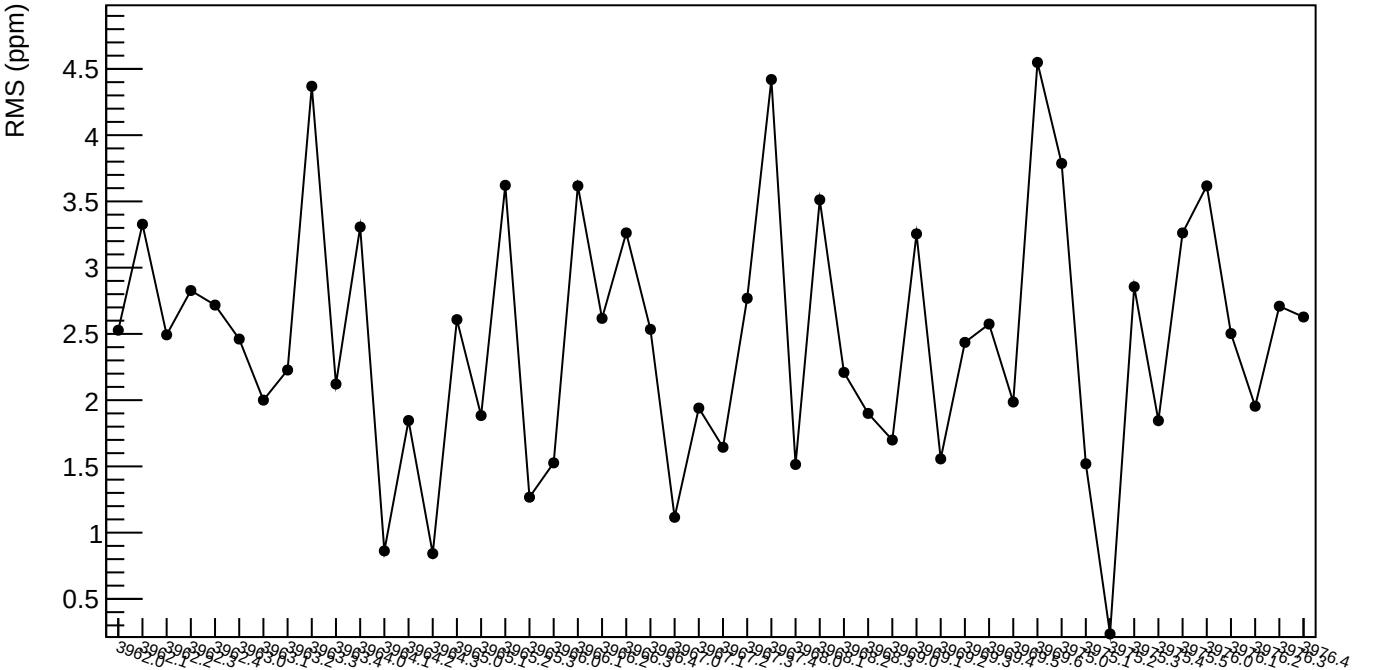

corr_us_dd_evMon10 (ppb)
χ² / ndf 9.724 / 49
p0 −4.839 ± 7.899
1D pull distribution
Mean −0.002562 ± 0.06237
Std Dev 0.441 ± 0.0441
Underflow 0
Overflow 0
χ² / ndf 3.051 / 3
Constant 28.26 ± 5.66
Mean 0.02825 ± 0.05958
Sigma 0.3538 ± 0.0486

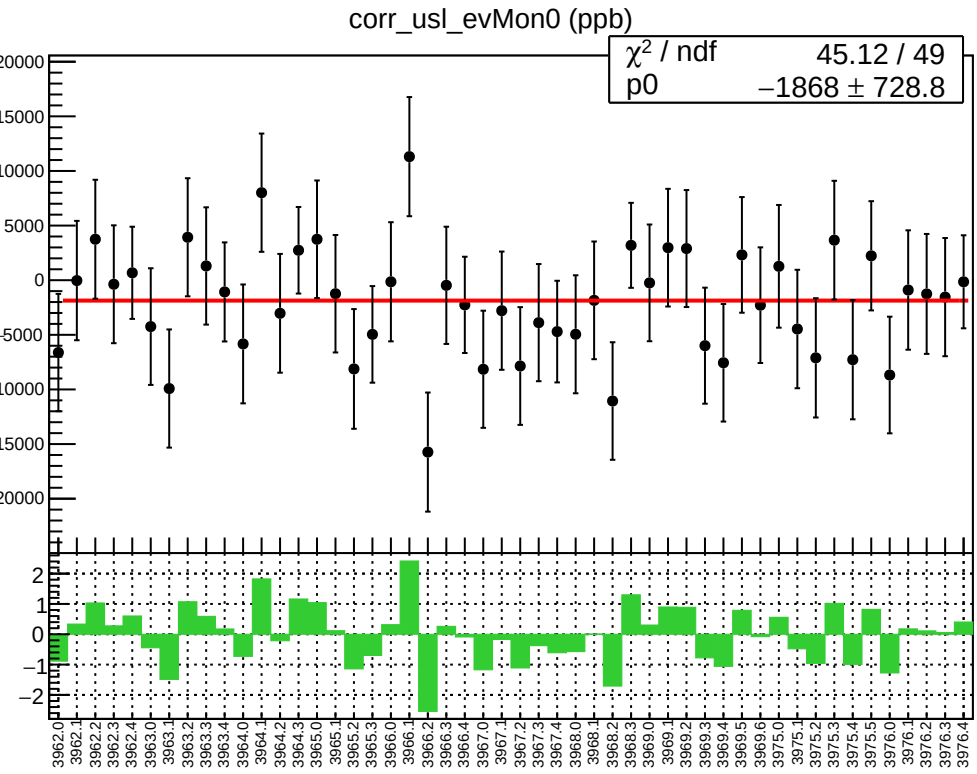
corr_us_dd_evMon10 RMS (ppm)

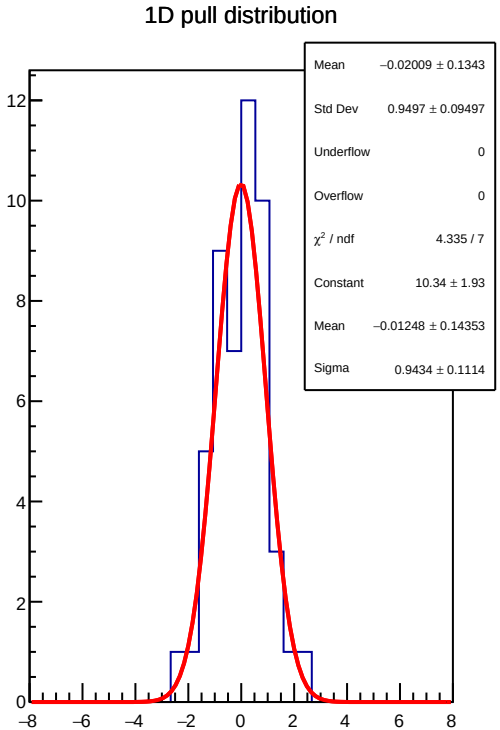



corr_us_dd_evMon11 (ppb)
χ² / ndf 9.819 / 49
p0 5.785 ± 7.134
1D pull distribution
Mean 0.002765 ± 0.06267
Std Dev 0.4431 ± 0.04431
Underflow 0
Overflow 0
χ² / ndf 0.7815 / 2
Constant 23.61 ± 4.45
Mean 0.00234 ± 0.06570
Sigma 0.4461 ± 0.0579

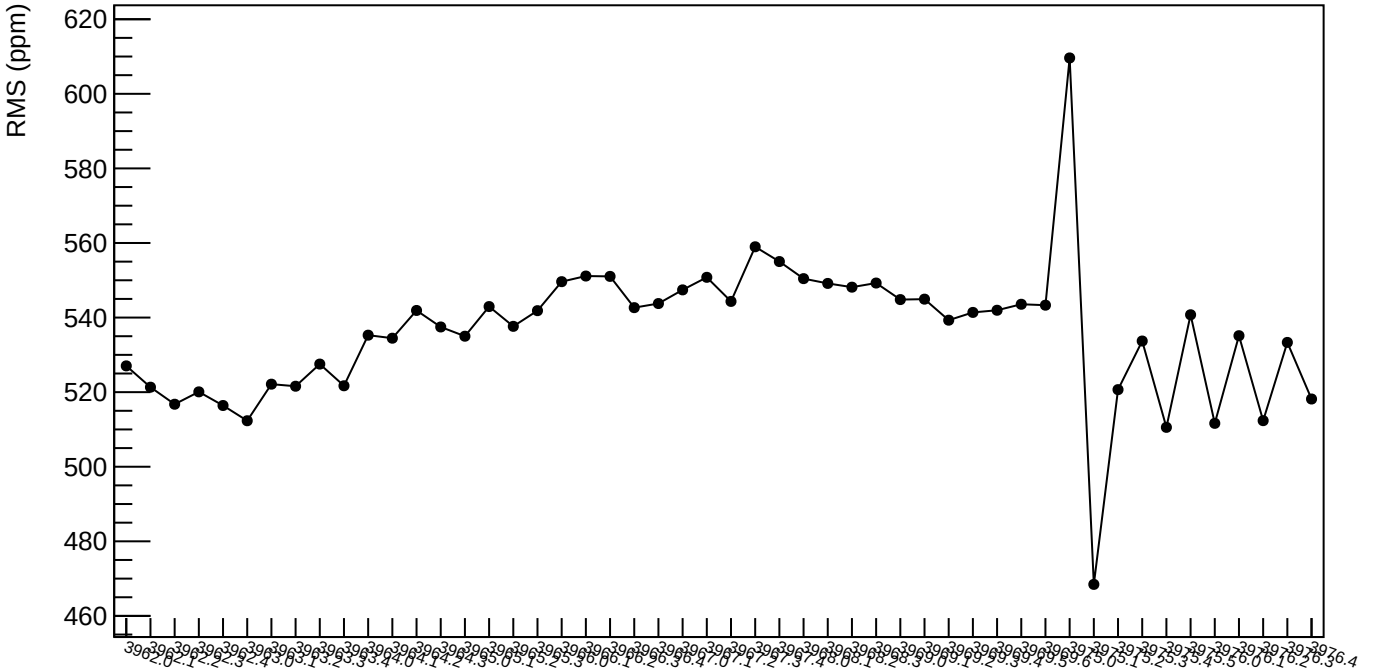
corr_us_dd_evMon11 RMS (ppm)

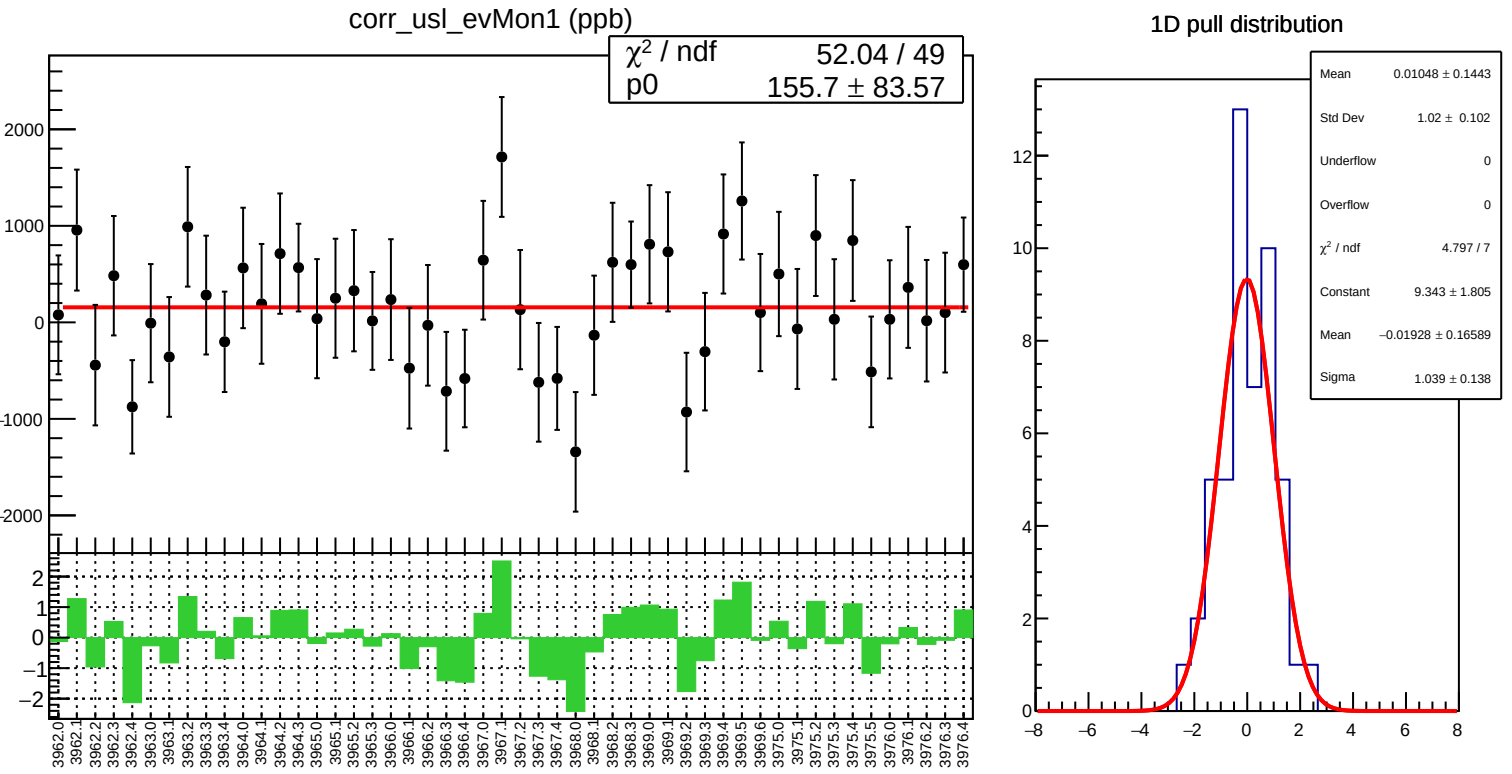



corr_usl_evMon0 (ppb)
χ² / ndf 45.12 / 49
p0 −1868 ± 728.8
20000
15000
10000
5000
0
−5000
−10000
−15000
−20000
2
1
0
−1
−2
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4

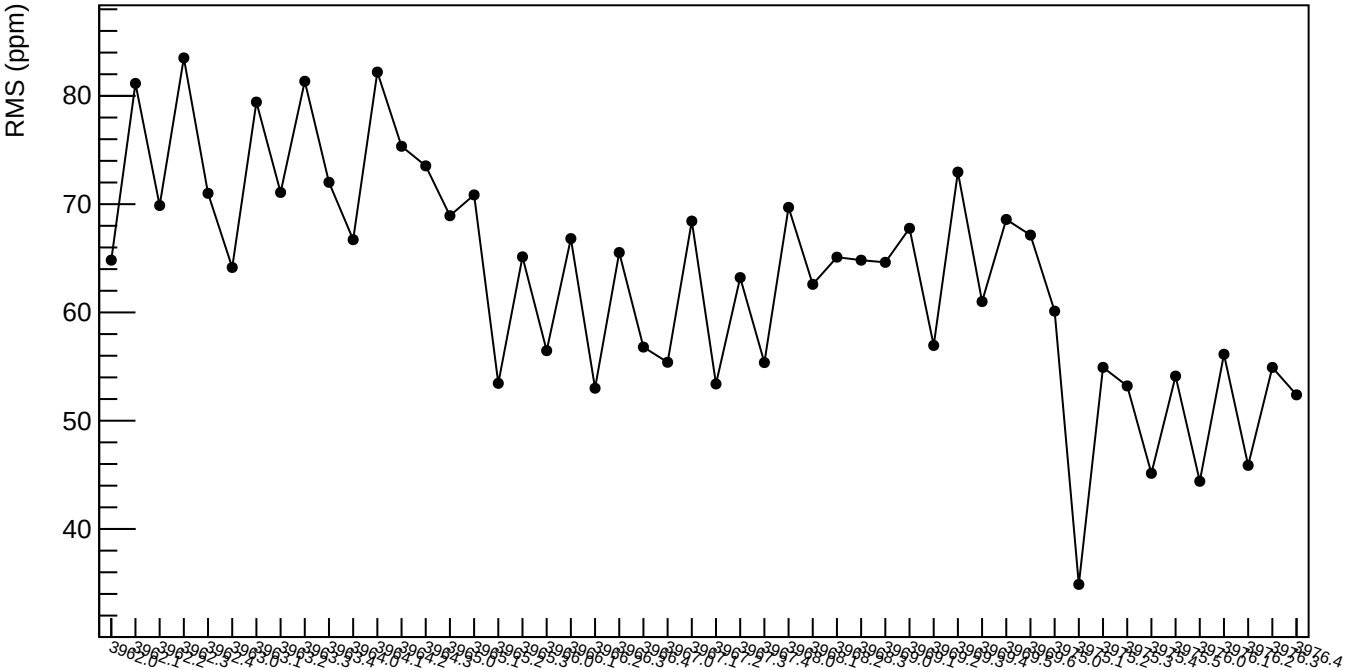

1D pull distribution
Mean −0.02009 ± 0.1343
Std Dev 0.9497 ± 0.09497
Underflow 0
Overflow 0
χ² / ndf 4.335 / 7
Constant 10.34 ± 1.93
Mean −0.01248 ± 0.14353
Sigma 0.9434 ± 0.1114
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

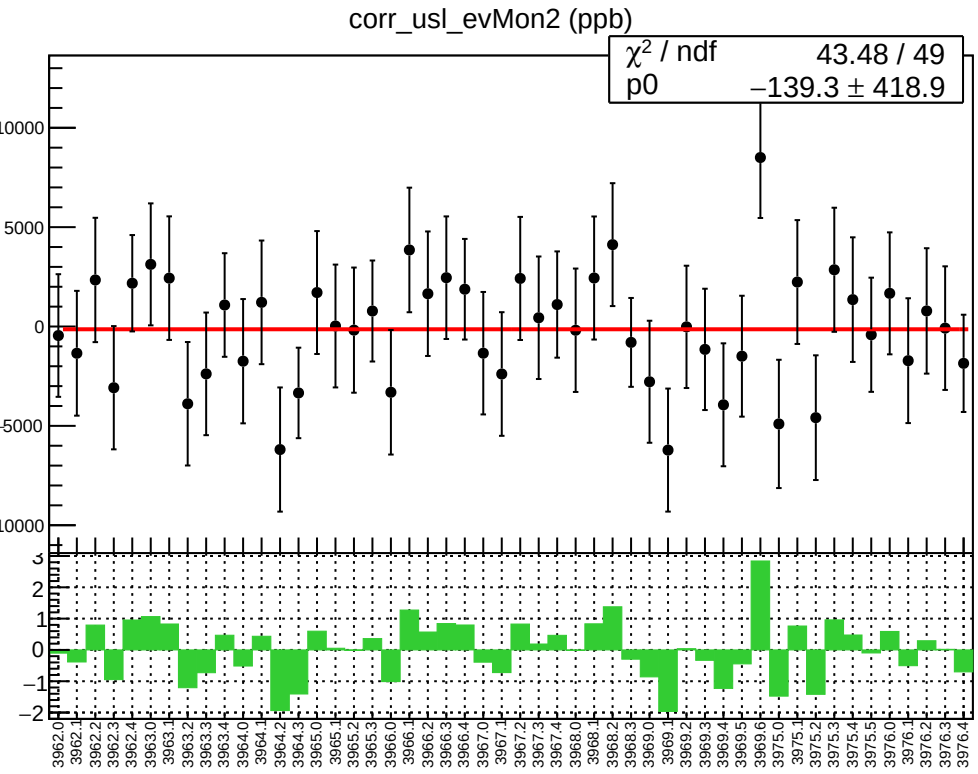
corr_usl_evMon0 RMS (ppm)

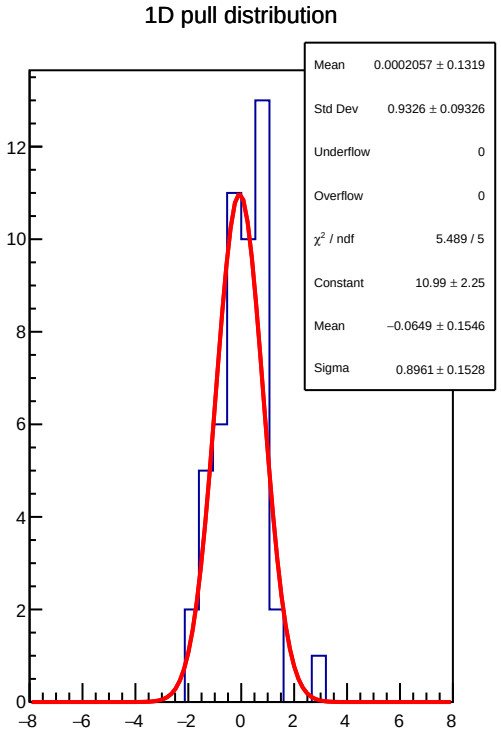



corr_usl_evMon1 (ppb)
χ² / ndf 52.04 / 49
p0 155.7 ± 83.57
1D pull distribution
Mean 0.01048 ± 0.1443
Std Dev 1.02 ± 0.102
Underflow 0
Overflow 0
χ² / ndf 4.797 / 7
Constant 9.343 ± 1.805
Mean −0.01928 ± 0.16589
Sigma 1.039 ± 0.138

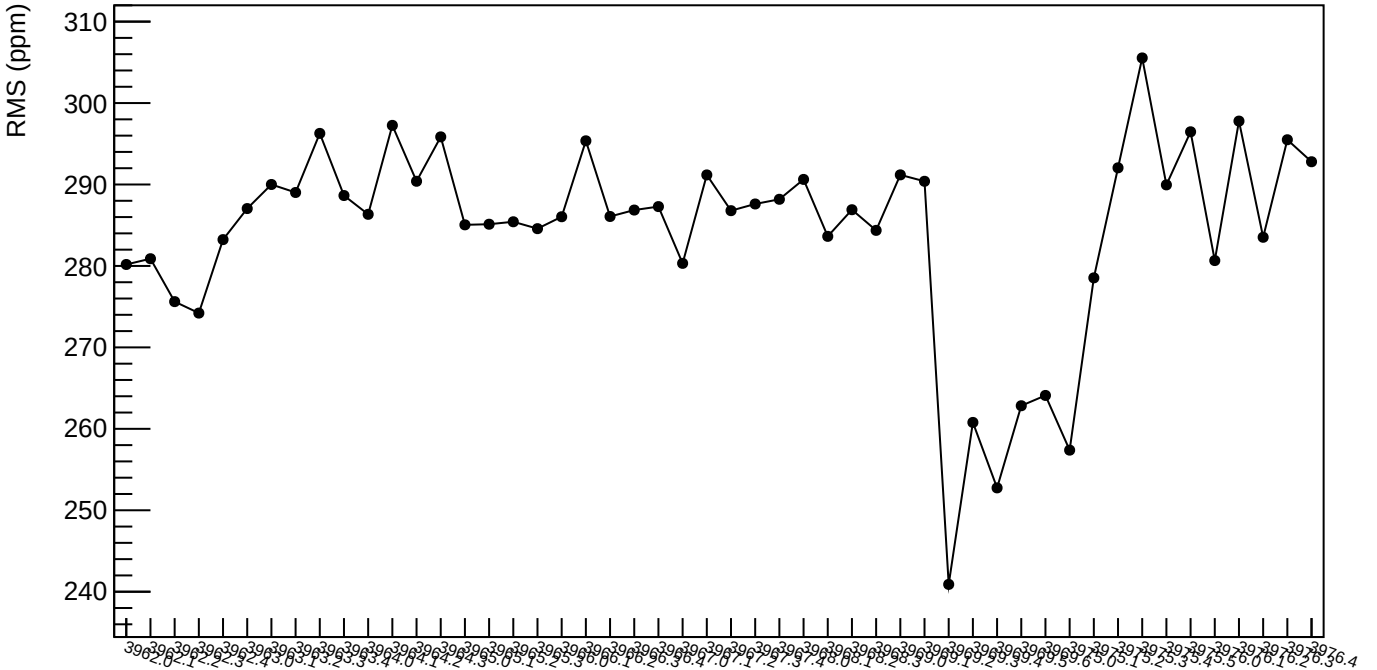
corr_usl_evMon1 RMS (ppm)

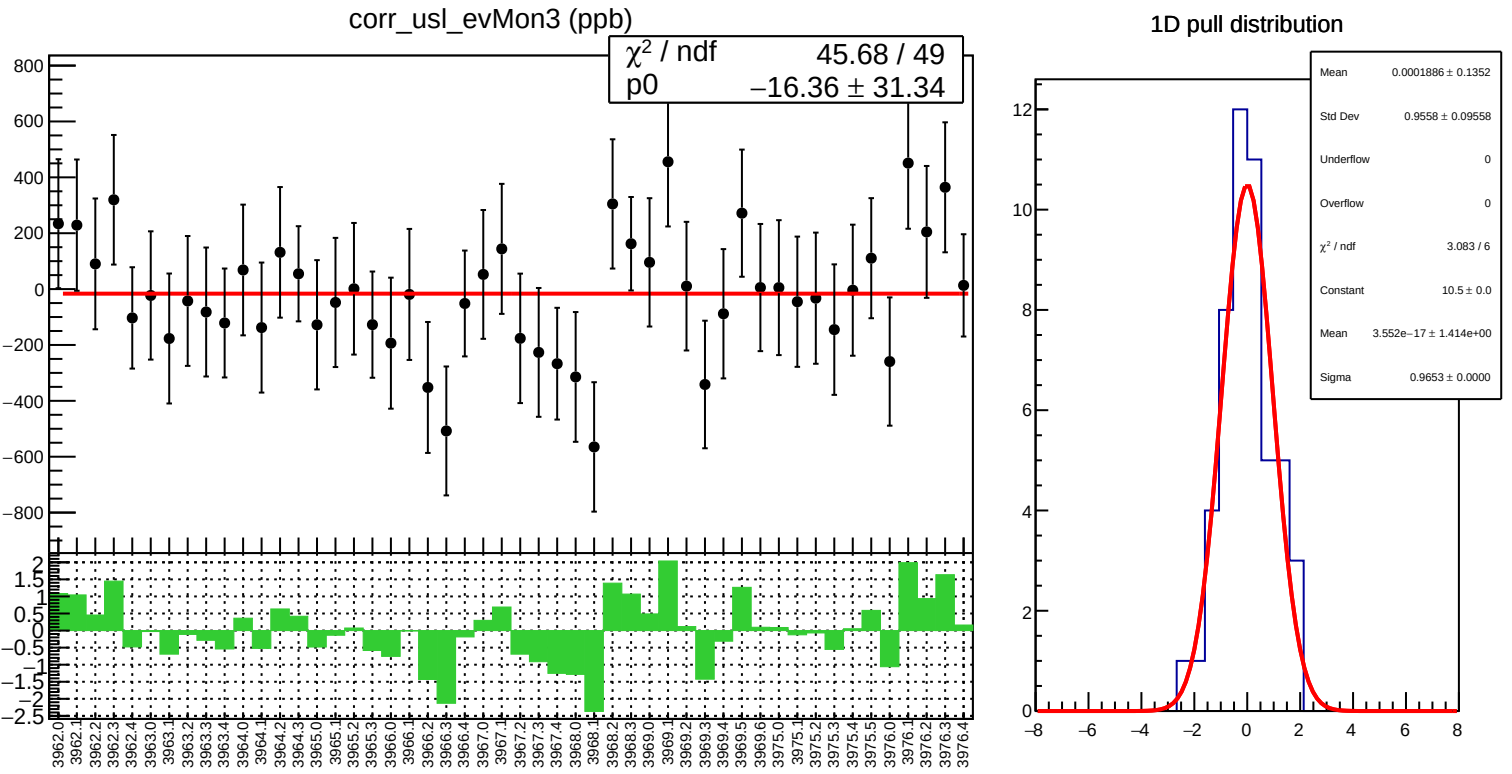



corr_usl_evMon2 (ppb)
χ² / ndf 43.48 / 49
p0 −139.3 ± 418.9
10000
5000
0
−5000
−10000
3
2
1
0
−1
−2
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4

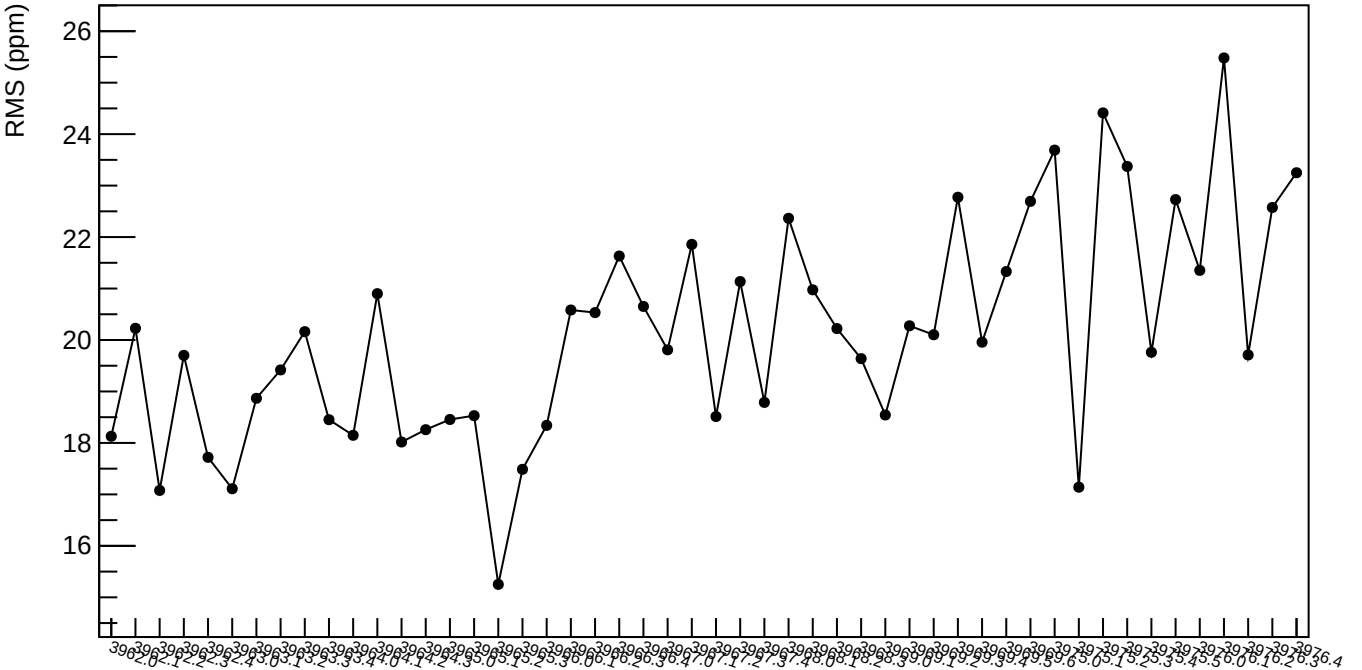

1D pull distribution
Mean 0.0002057 ± 0.1319
Std Dev 0.9326 ± 0.09326
Underflow 0
Overflow 0
χ² / ndf 5.489 / 5
Constant 10.99 ± 2.25
Mean −0.0649 ± 0.1546
Sigma 0.8961 ± 0.1528
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

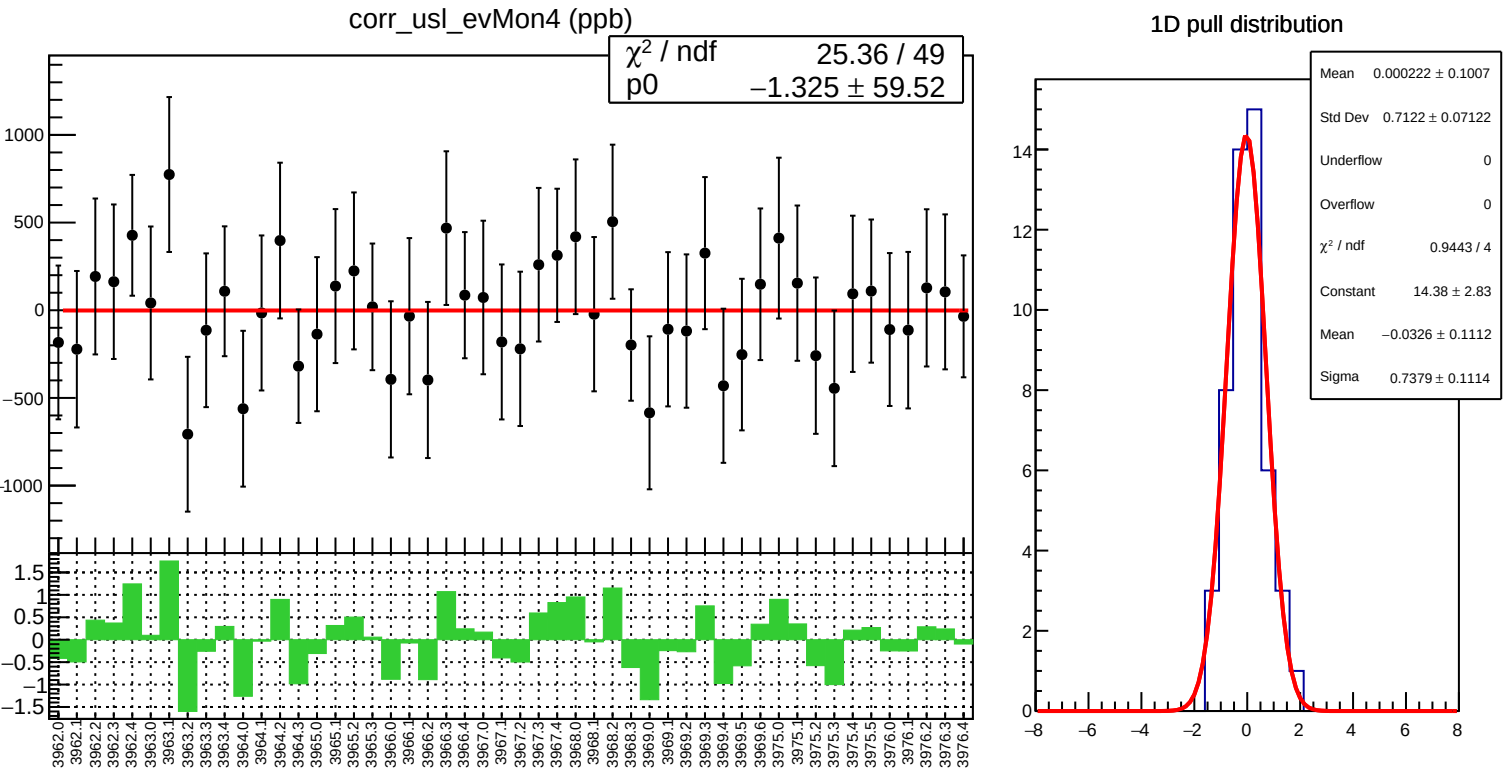
corr_usl_evMon2 RMS (ppm)



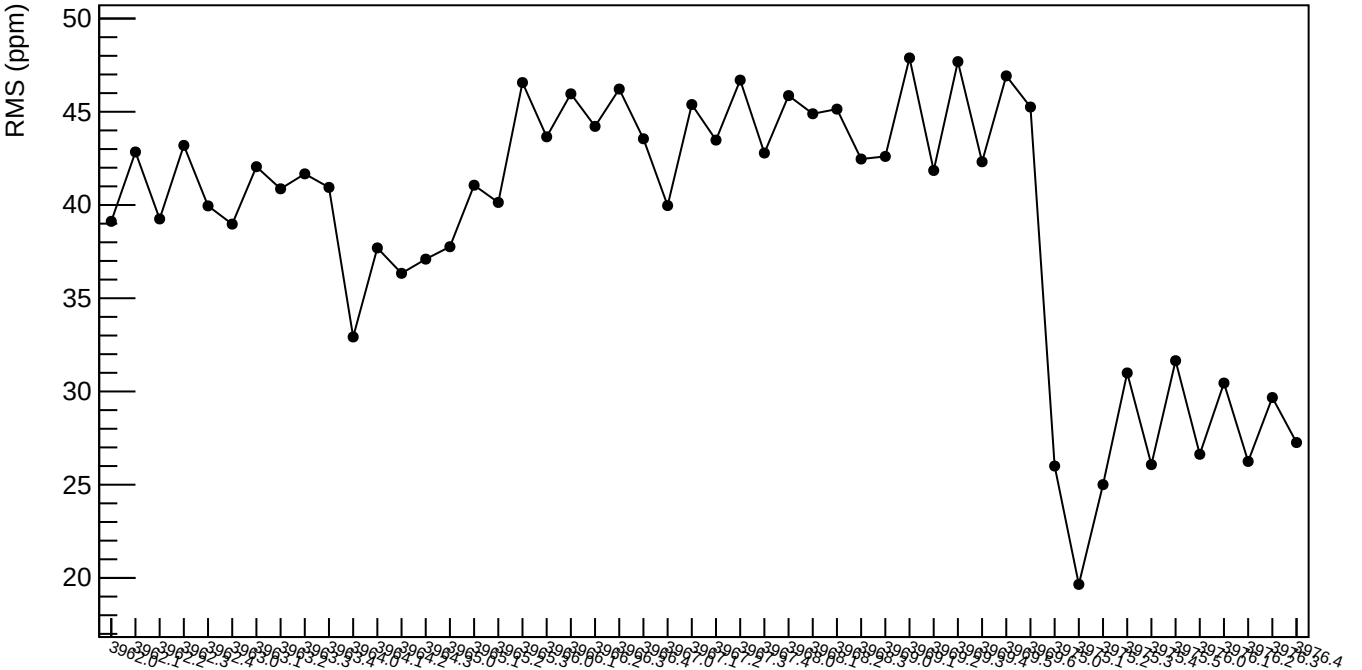

corr_usl_evMon3 (ppb)
χ² / ndf 45.68 / 49
p0 −16.36 ± 31.34
1D pull distribution
Mean 0.0001886 ± 0.1352
Std Dev 0.9558 ± 0.09558
Underflow 0
Overflow 0
χ² / ndf 3.083 / 6
Constant 10.5 ± 0.0
Mean 3.552e−17 ± 1.414e+00
Sigma 0.9653 ± 0.0000

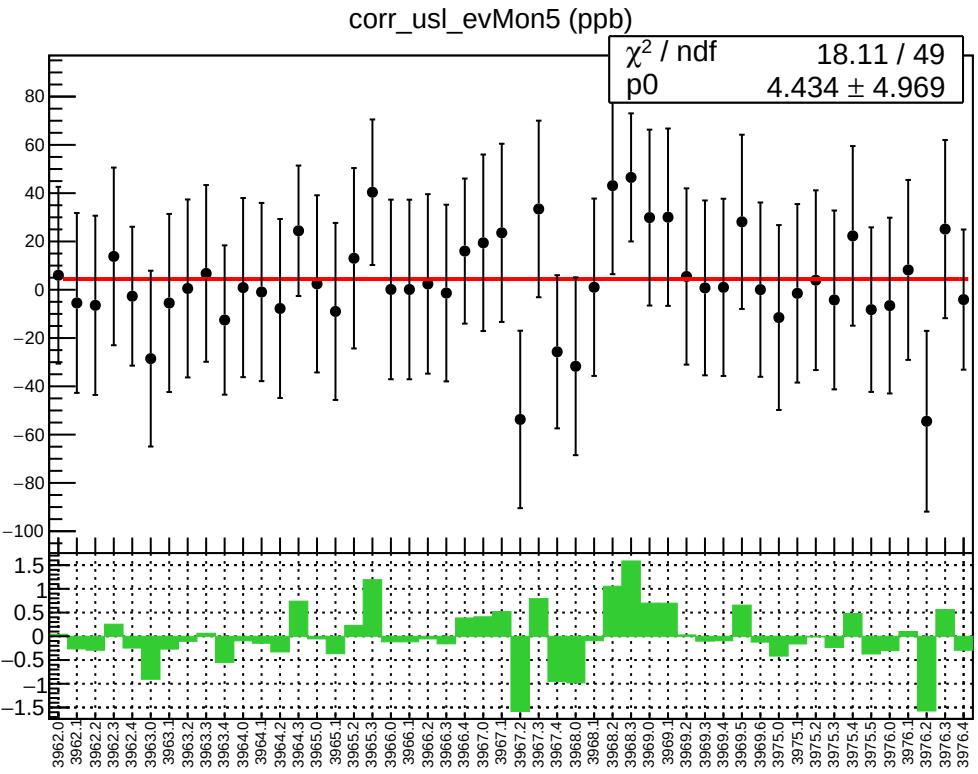
corr_usl_evMon3 RMS (ppm)

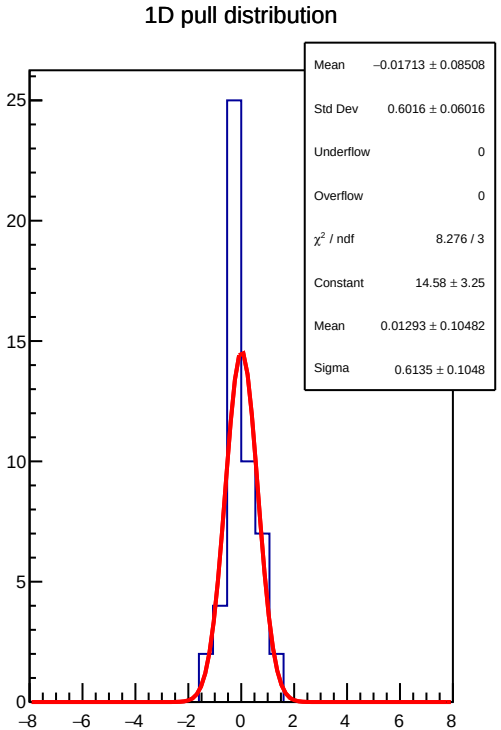



corr_usl_evMon4 (ppb)
χ² / ndf 25.36 / 49
p0 −1.325 ± 59.52
1000
500
0
−500
−1000
1.5
1
0.5
0
−0.5
−1
−1.5
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4
1D pull distribution
Mean 0.000222 ± 0.1007
Std Dev 0.7122 ± 0.07122
Underflow 0
Overflow 0
χ² / ndf 0.9443 / 4
Constant 14.38 ± 2.83
Mean −0.0326 ± 0.1112
Sigma 0.7379 ± 0.1114
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

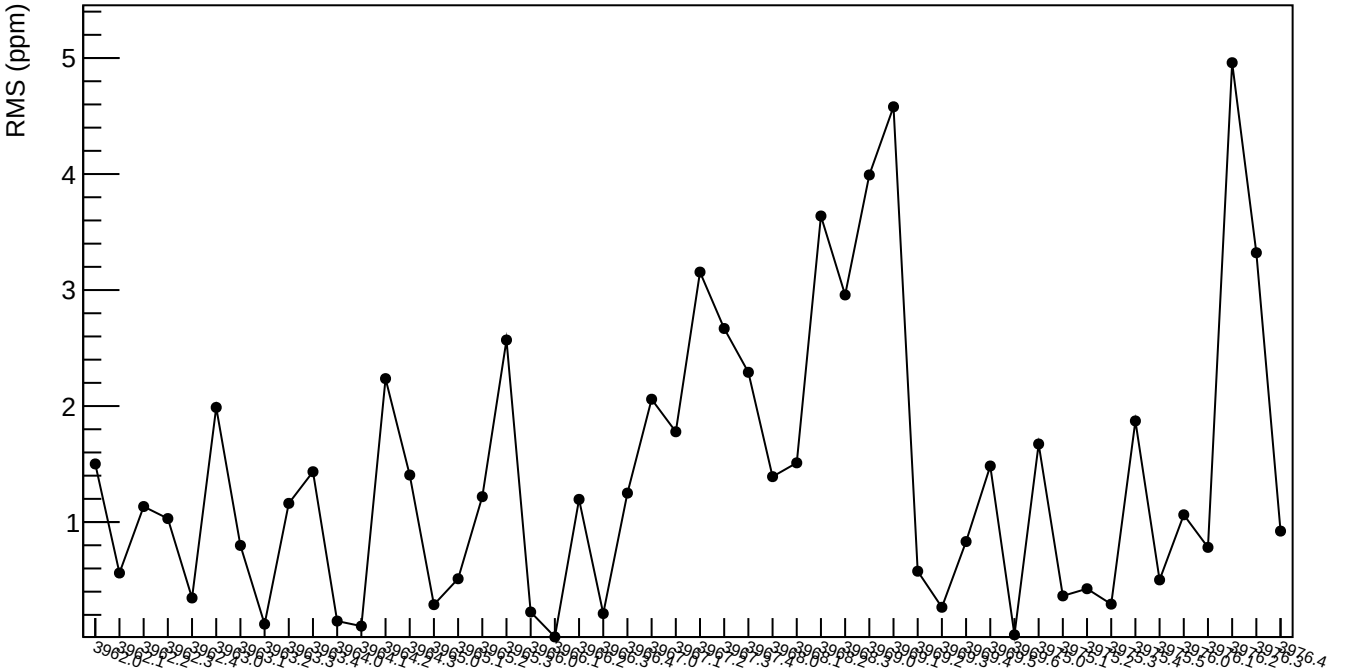
corr_usl_evMon4 RMS (ppm)

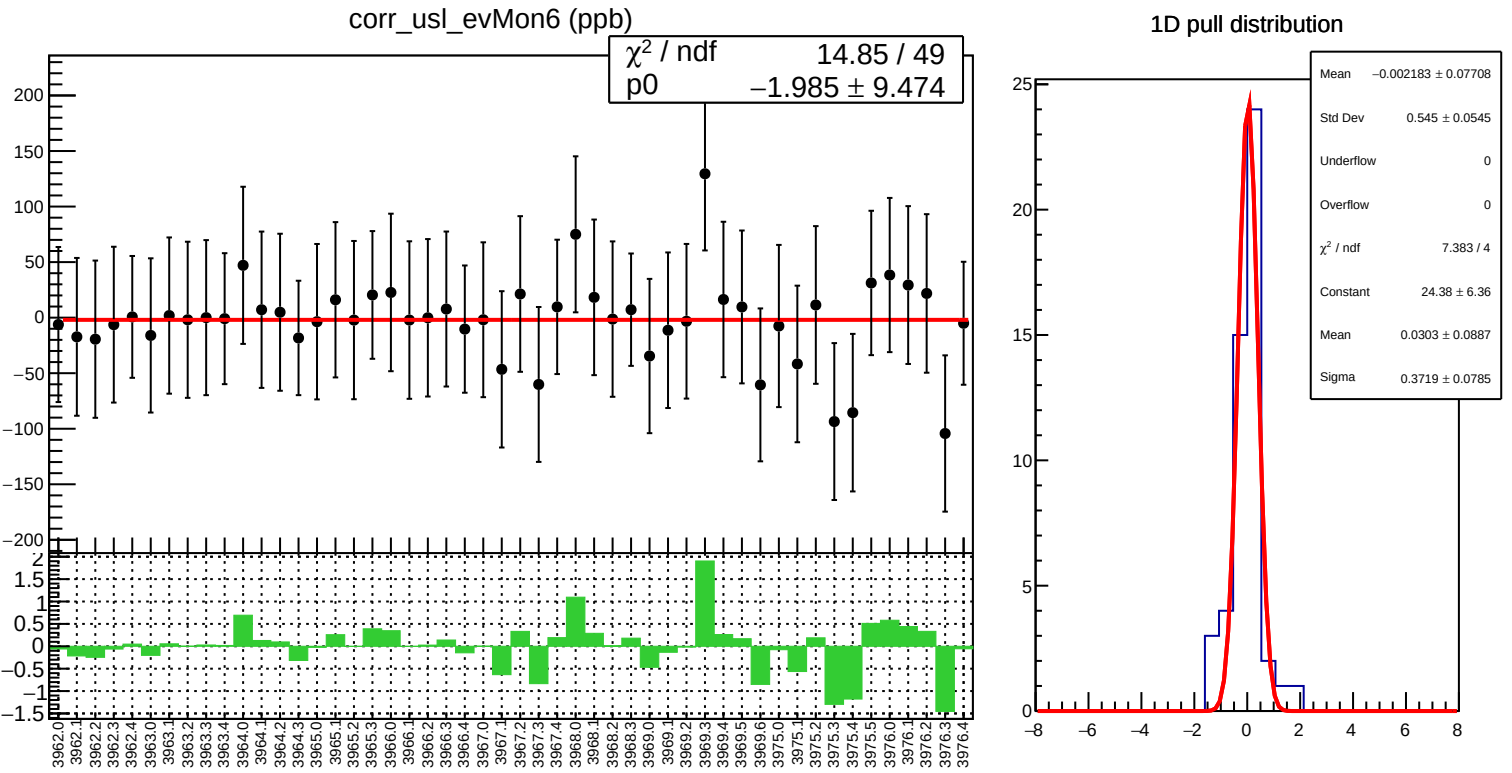



corr_usl_evMon5 (ppb)
χ² / ndf 18.11 / 49
p0 4.434 ± 4.969
80
60
40
20
0
−20
−40
−60
−80
−100
1.5
1
0.5
0
−0.5
−1
−1.5
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4

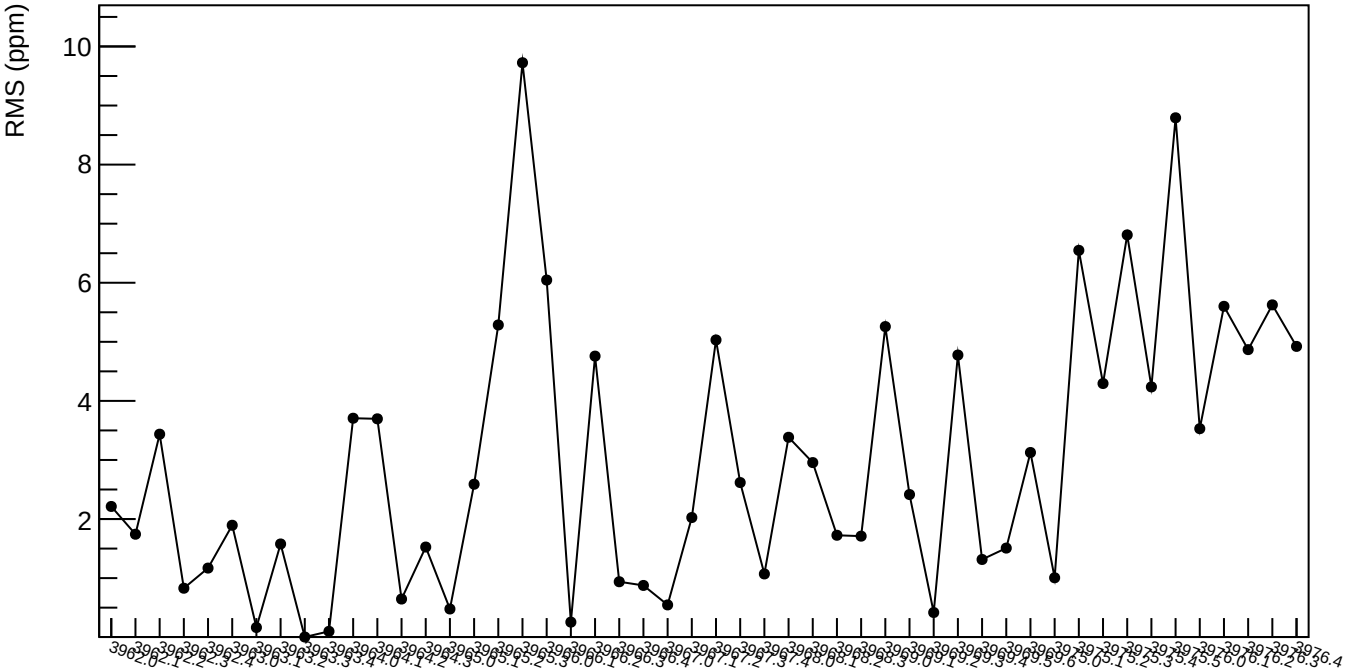

1D pull distribution
Mean −0.01713 ± 0.08508
Std Dev 0.6016 ± 0.06016
Underflow 0
Overflow 0
χ² / ndf 8.276 / 3
Constant 14.58 ± 3.25
Mean 0.01293 ± 0.10482
Sigma 0.6135 ± 0.1048
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

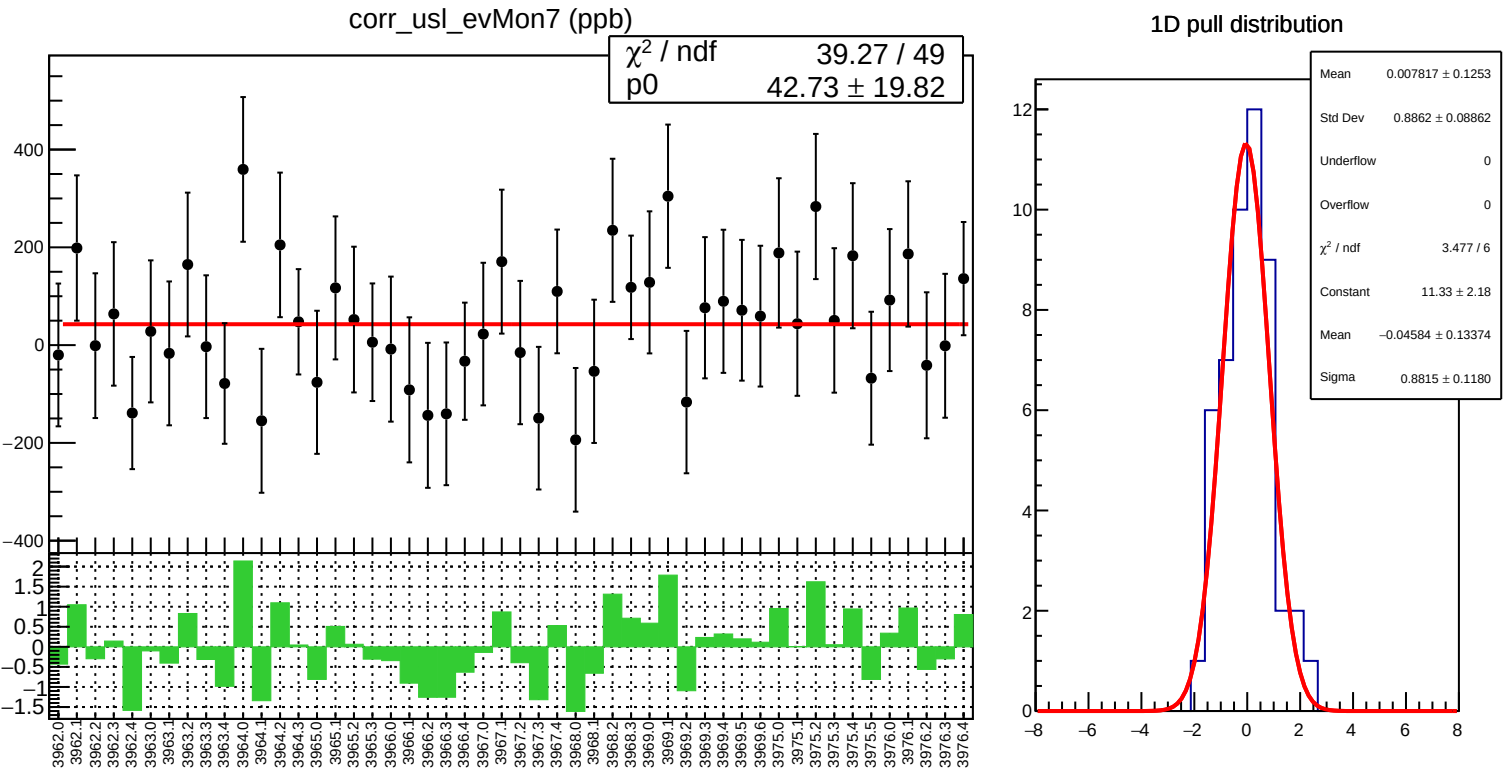
corr_usl_evMon5 RMS (ppm)



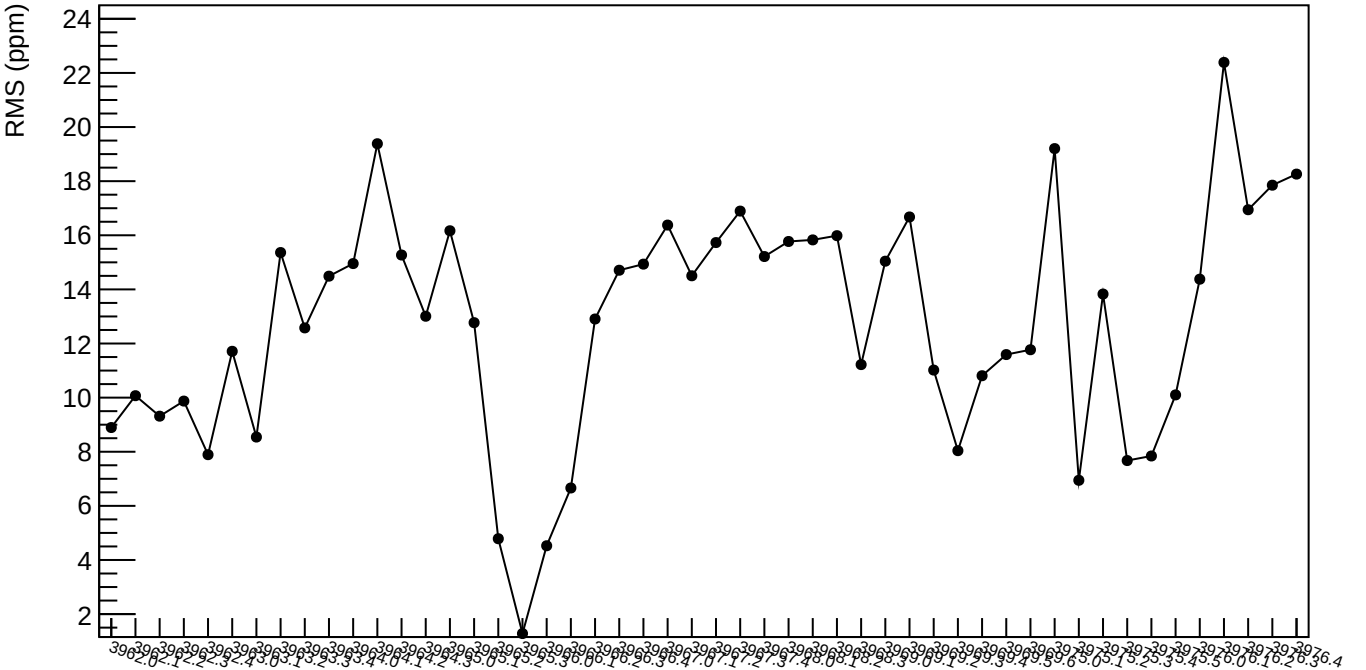

corr_usl_evMon6 (ppb)
χ² / ndf 14.85 / 49
p0 −1.985 ± 9.474
1D pull distribution
Mean −0.002183 ± 0.07708
Std Dev 0.545 ± 0.0545
Underflow 0
Overflow 0
χ² / ndf 7.383 / 4
Constant 24.38 ± 6.36
Mean 0.0303 ± 0.0887
Sigma 0.3719 ± 0.0785

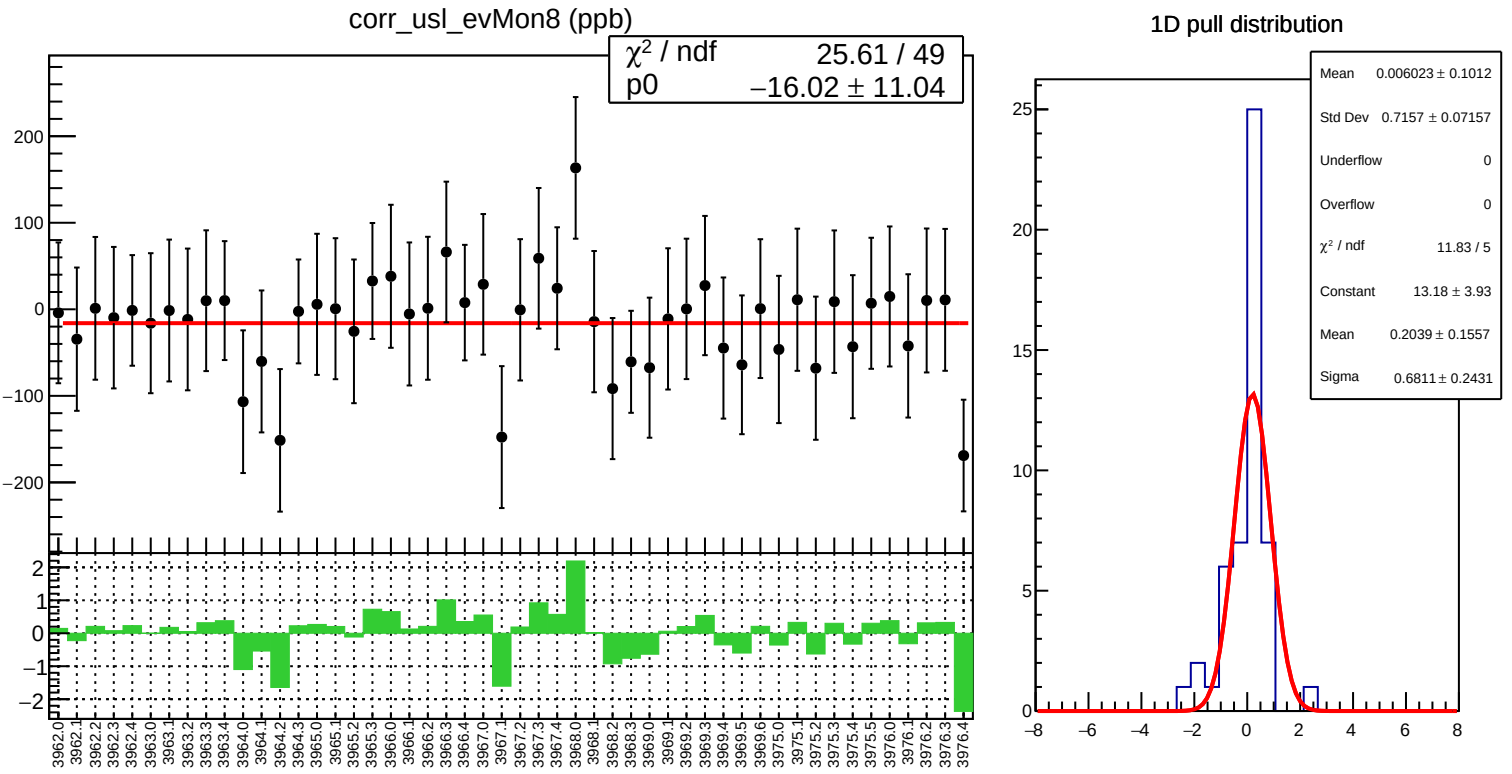
corr_usl_evMon6 RMS (ppm)



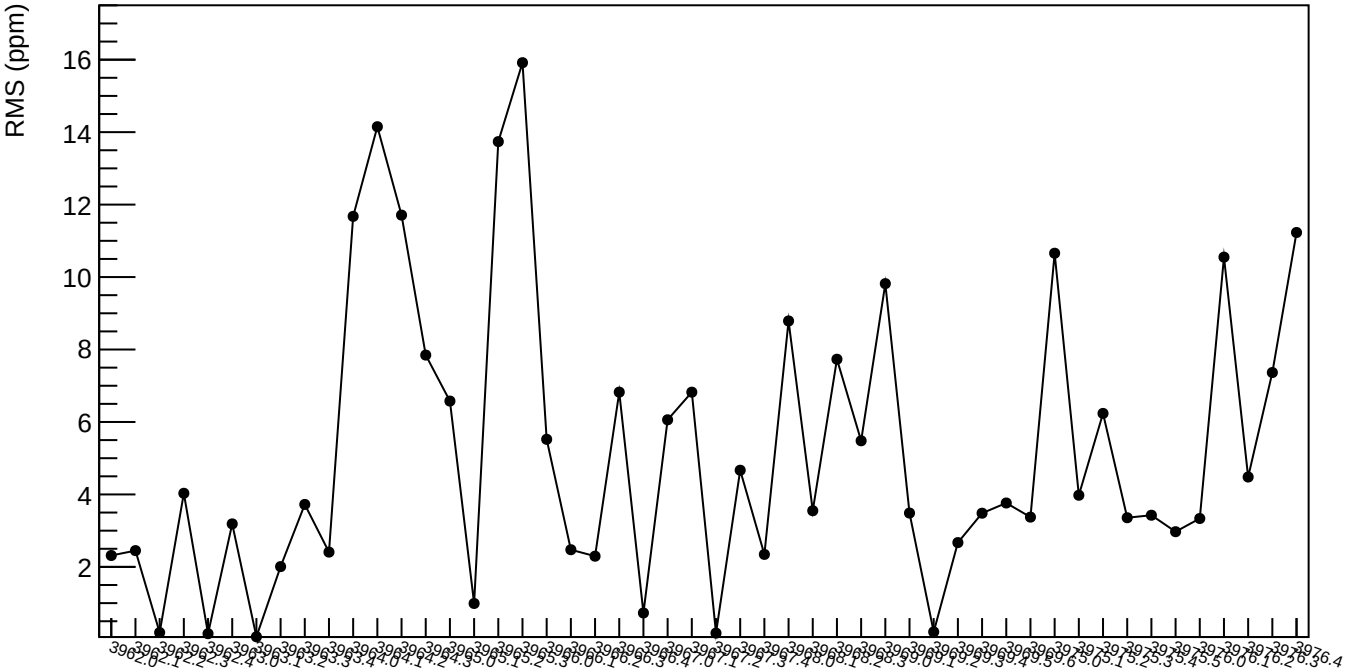

corr_usl_evMon7 (ppb)
χ² / ndf 39.27 / 49
p0 42.73 ± 19.82
1D pull distribution
Mean 0.007817 ± 0.1253
Std Dev 0.8862 ± 0.08862
Underflow 0
Overflow 0
χ² / ndf 3.477 / 6
Constant 11.33 ± 2.18
Mean −0.04584 ± 0.13374
Sigma 0.8815 ± 0.1180

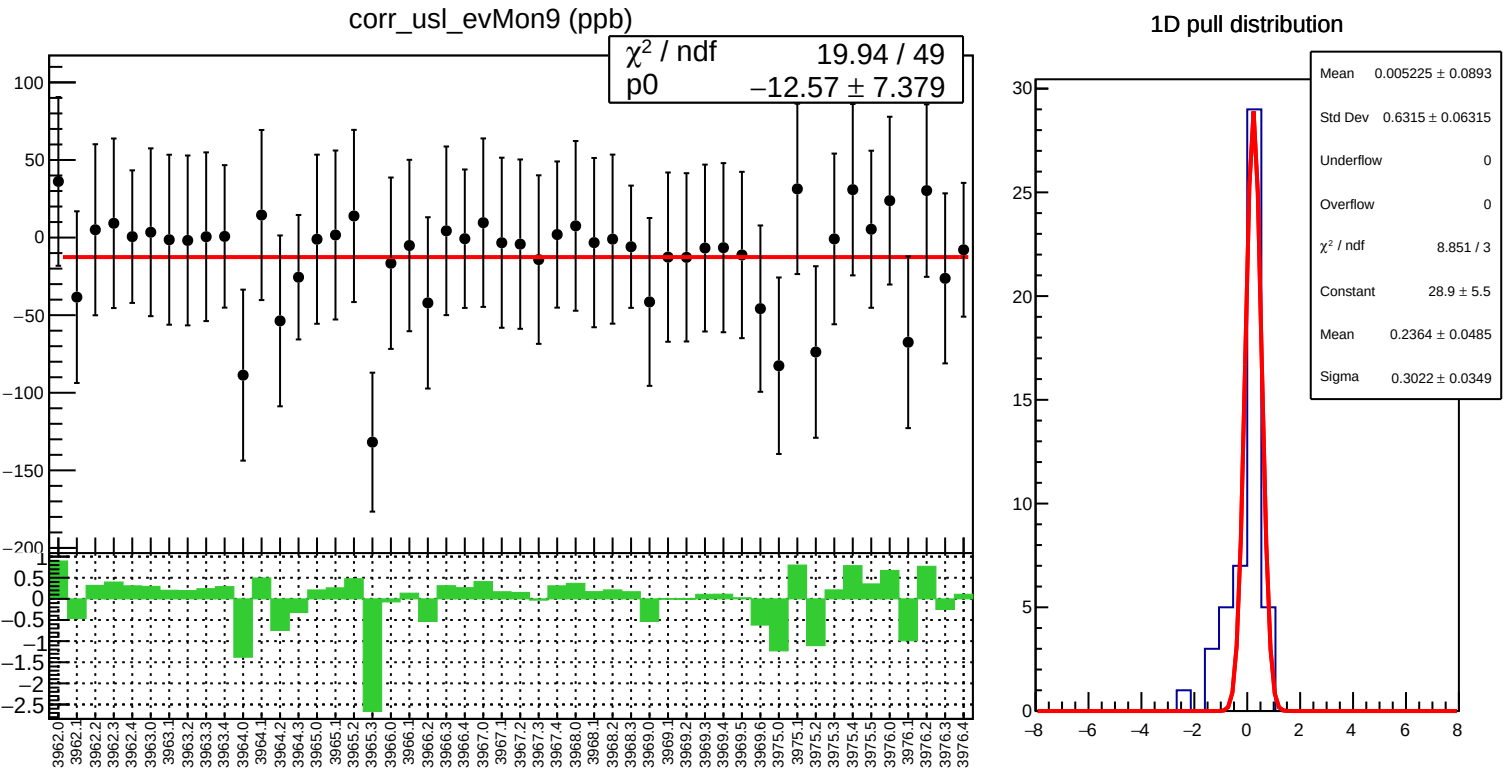
corr_usl_evMon7 RMS (ppm)



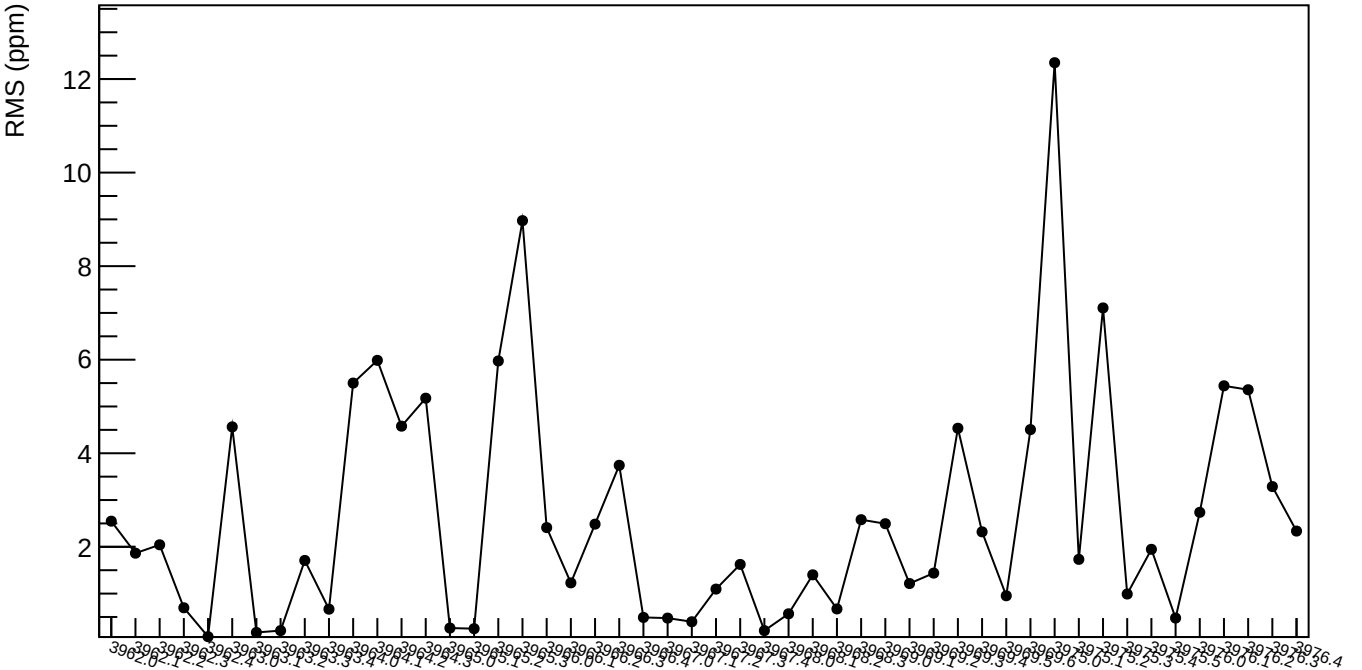

corr_usl_evMon8 (ppb)
χ² / ndf 25.61 / 49
p0 −16.02 ± 11.04
1D pull distribution
Mean 0.006023 ± 0.1012
Std Dev 0.7157 ± 0.07157
Underflow 0
Overflow 0
χ² / ndf 11.83 / 5
Constant 13.18 ± 3.93
Mean 0.2039 ± 0.1557
Sigma 0.6811 ± 0.2431

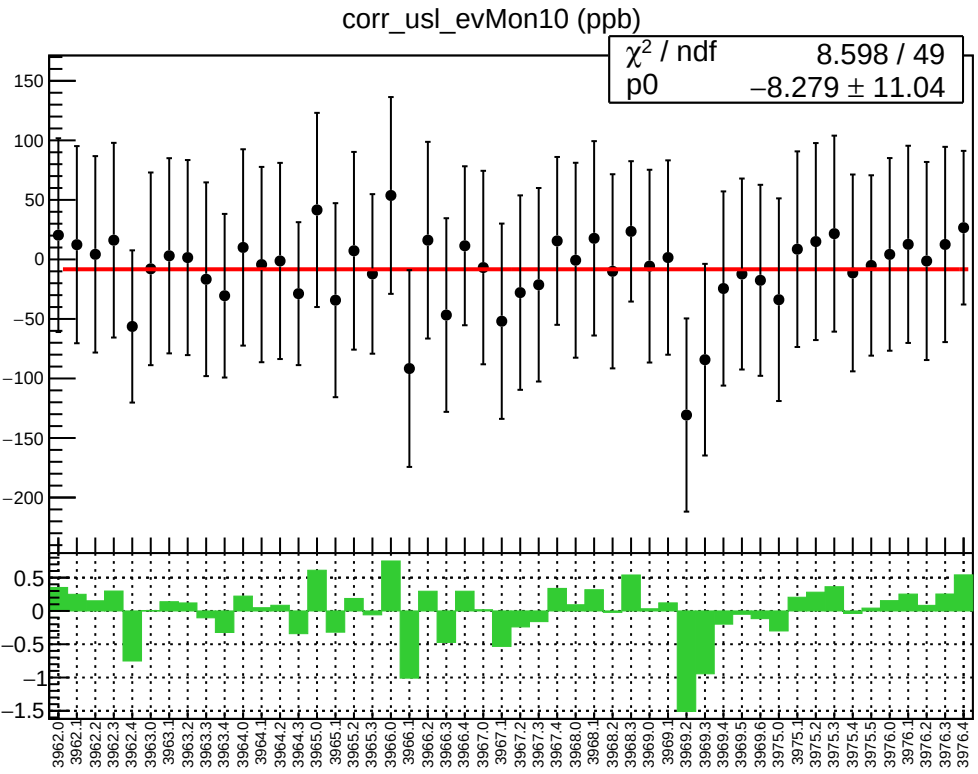
corr_usl_evMon8 RMS (ppm)

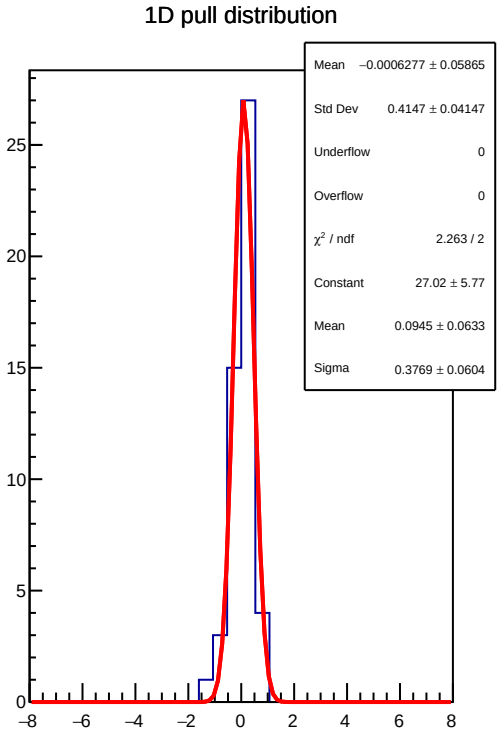



corr_usl_evMon9 (ppb)
χ² / ndf 19.94 / 49
p0 −12.57 ± 7.379
1D pull distribution
Mean 0.005225 ± 0.0893
Std Dev 0.6315 ± 0.06315
Underflow 0
Overflow 0
χ² / ndf 8.851 / 3
Constant 28.9 ± 5.5
Mean 0.2364 ± 0.0485
Sigma 0.3022 ± 0.0349

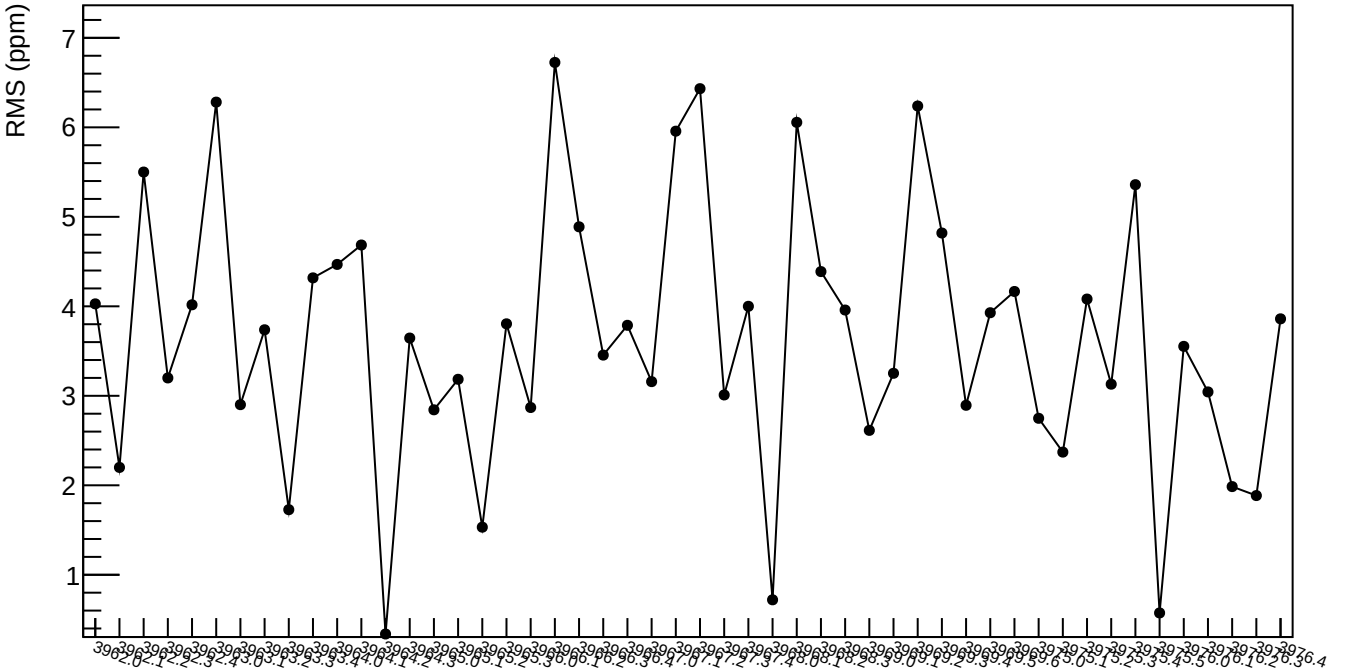
corr_usl_evMon9 RMS (ppm)

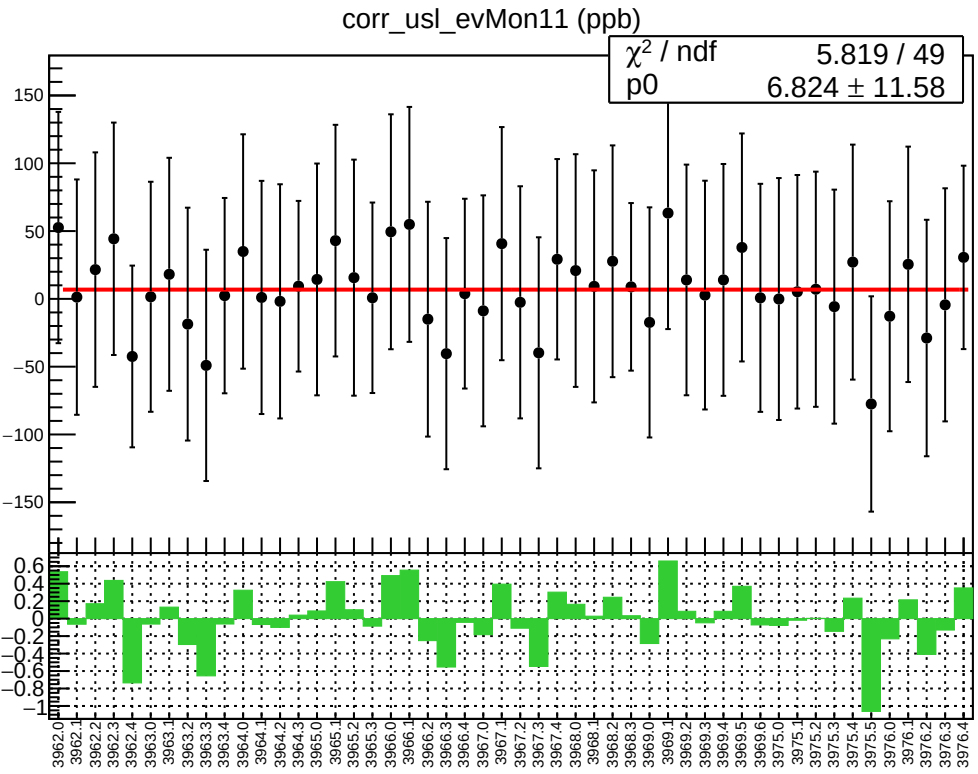


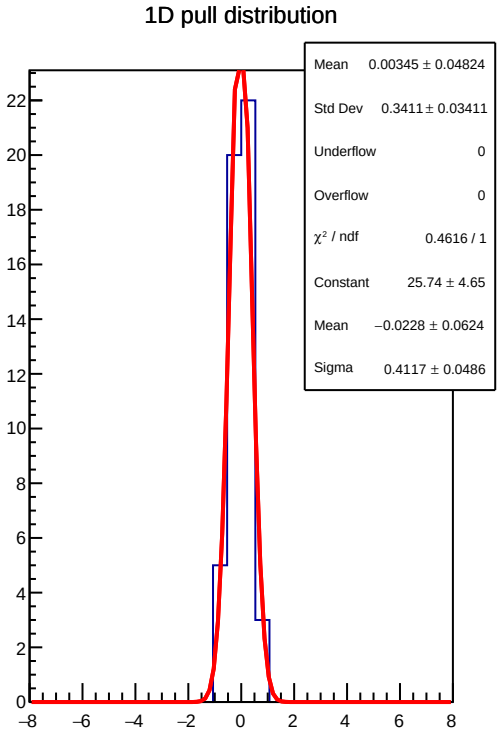

corr_usl_evMon10 (ppb)
χ² / ndf 8.598 / 49
p0 −8.279 ± 11.04
150
100
50
0
−50
−100
−150
−200
0.5
0
−0.5
−1
−1.5
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4


1D pull distribution
Mean −0.0006277 ± 0.05865
Std Dev 0.4147 ± 0.04147
Underflow 0
Overflow 0
χ² / ndf 2.263 / 2
Constant 27.02 ± 5.77
Mean 0.0945 ± 0.0633
Sigma 0.3769 ± 0.0604
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

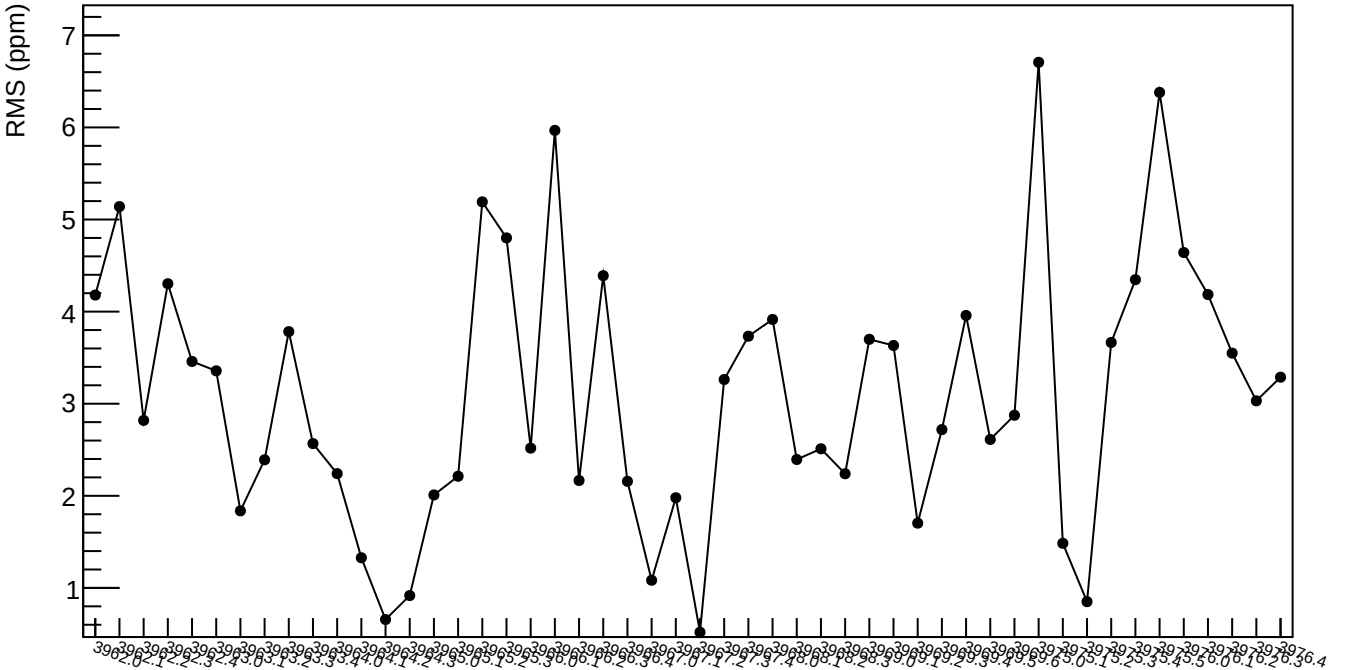
corr_usl_evMon10 RMS (ppm)

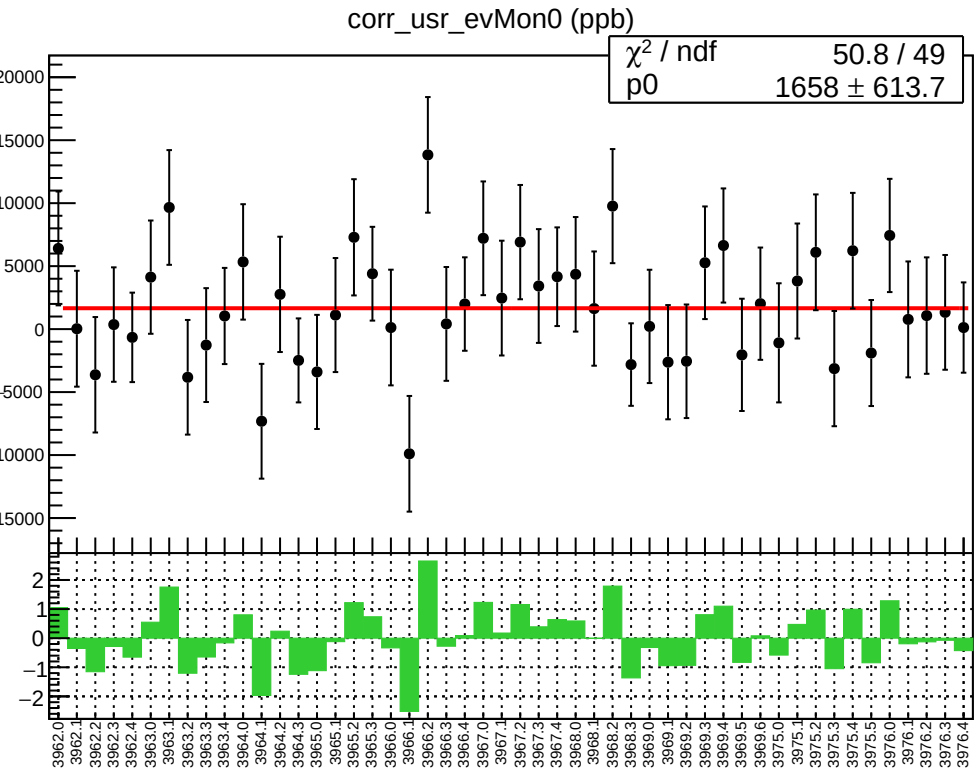


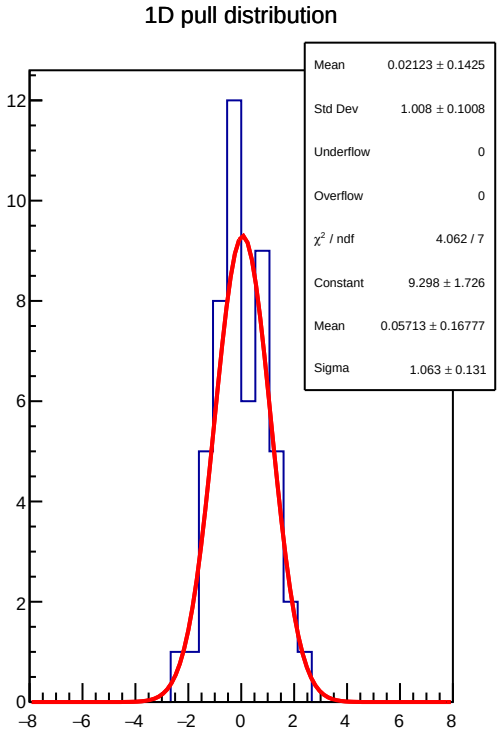

corr_usl_evMon11 (ppb)
χ² / ndf 5.819 / 49
p0 6.824 ± 11.58

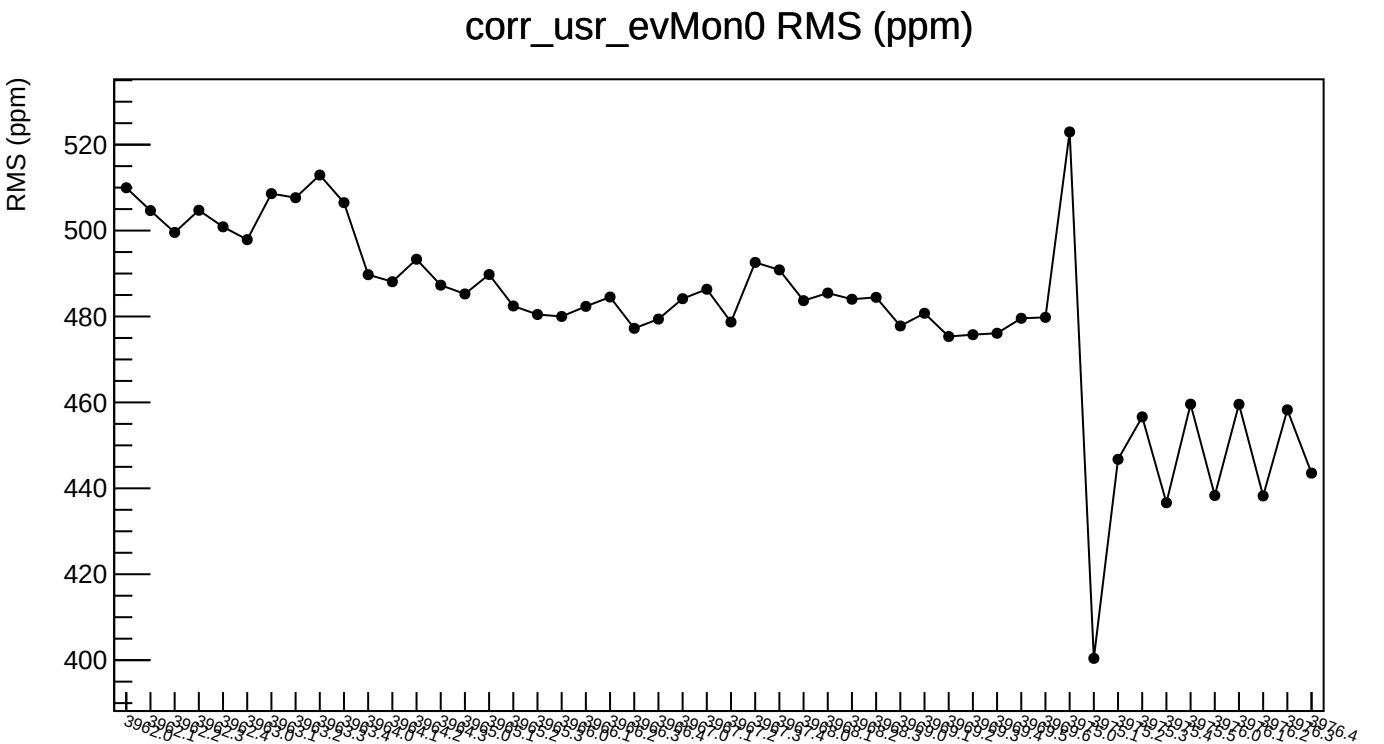

1D pull distribution
Mean 0.00345 ± 0.04824
Std Dev 0.3411 ± 0.03411
Underflow 0
Overflow 0
χ² / ndf 0.4616 / 1
Constant 25.74 ± 4.65
Mean −0.0228 ± 0.0624
Sigma 0.4117 ± 0.0486

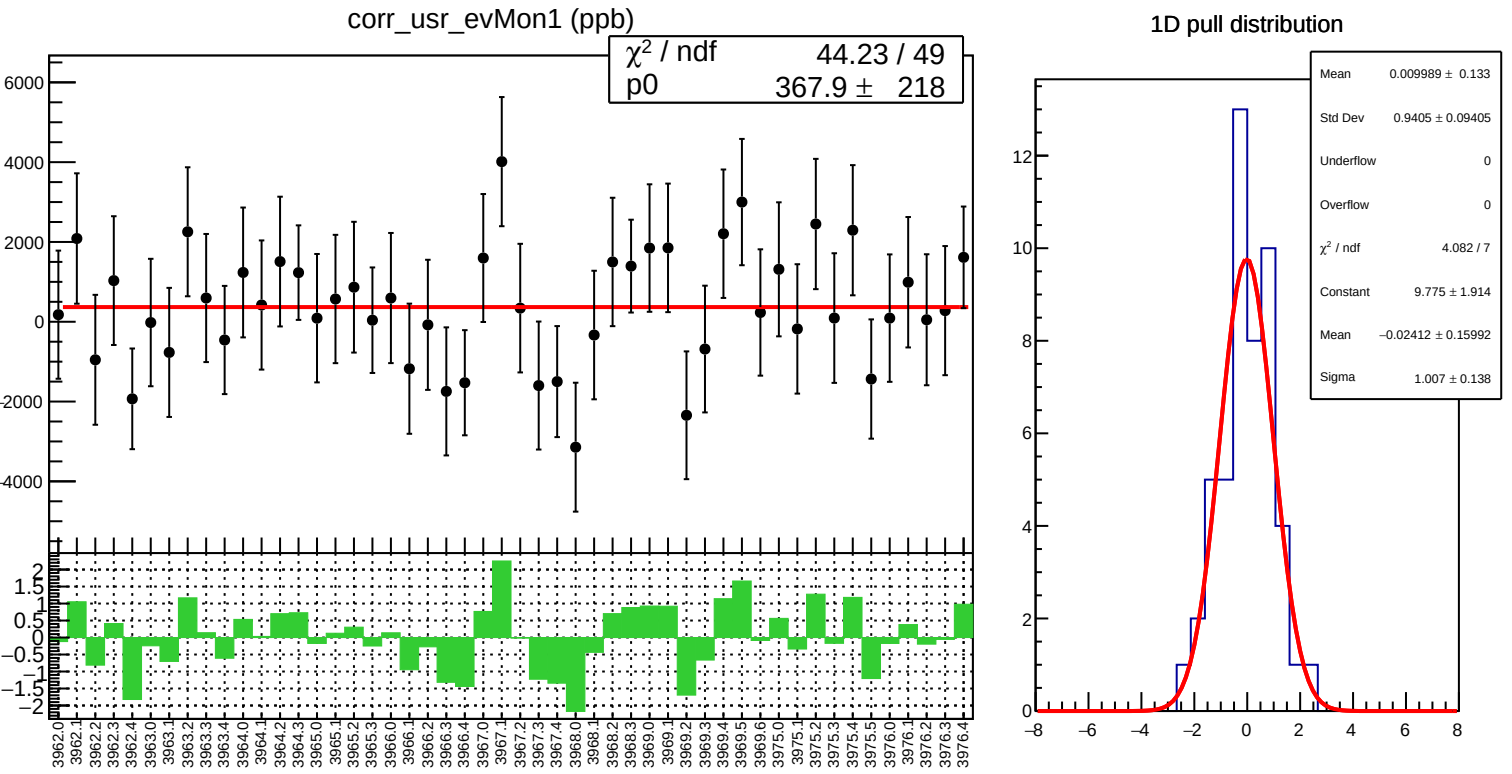
corr_usl_evMon11 RMS (ppm)

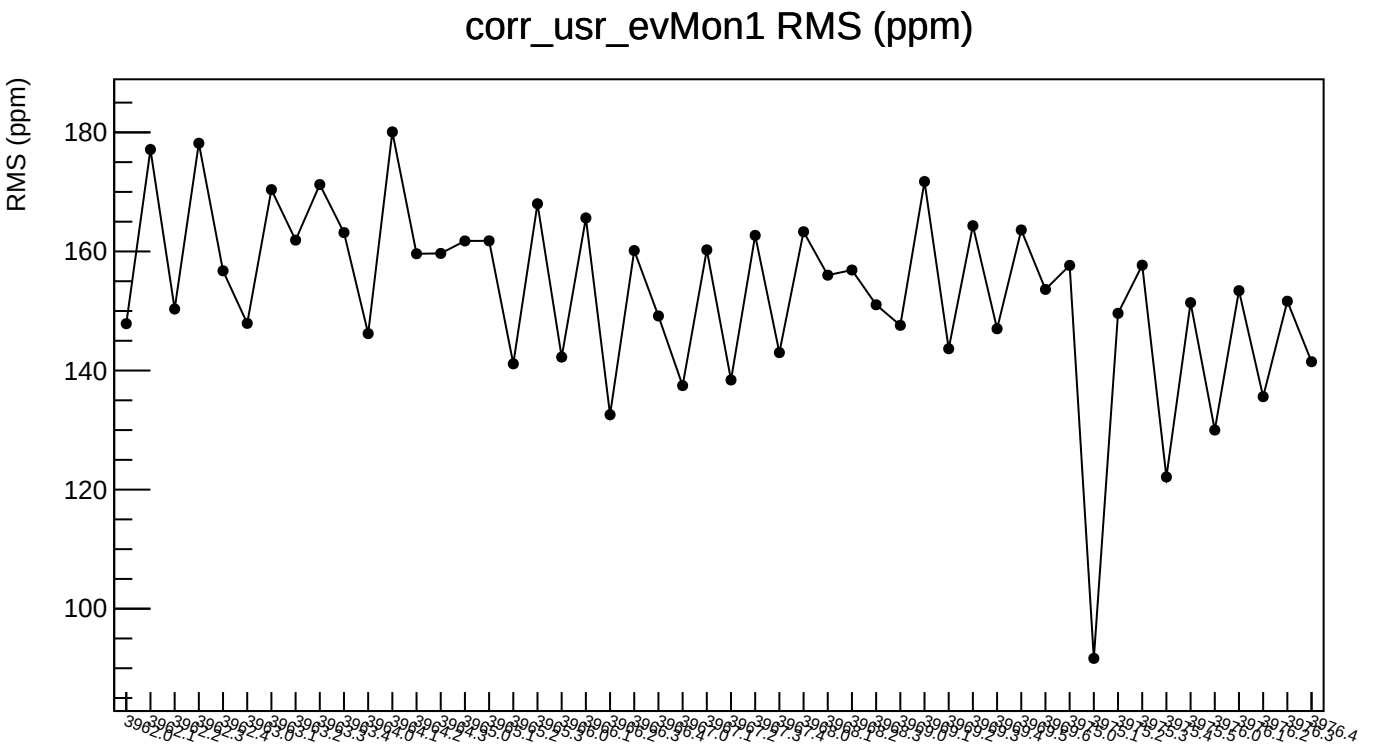


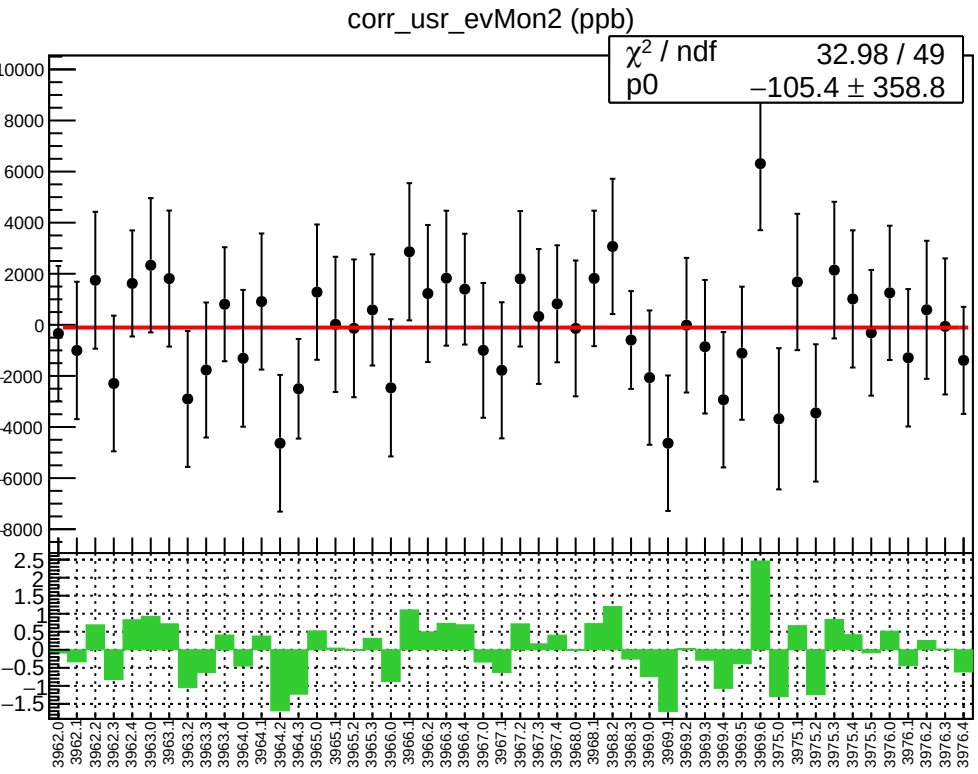

corr_usr_evMon0 (ppb)
χ² / ndf 50.8 / 49
p0 1658 ± 613.7
20000
15000
10000
5000
0
-5000
-10000
-15000
2
1
0
−1
−2
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4

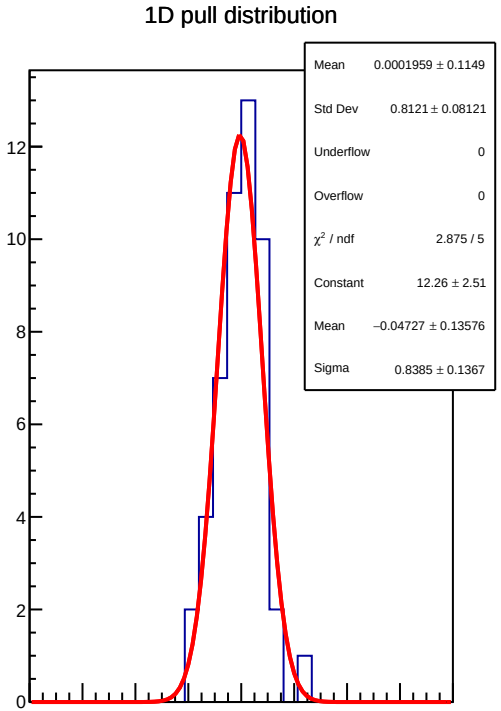

1D pull distribution
Mean 0.02123 ± 0.1425
Std Dev 1.008 ± 0.1008
Underflow 0
Overflow 0
χ² / ndf 4.062 / 7
Constant 9.298 ± 1.726
Mean 0.05713 ± 0.16777
Sigma 1.063 ± 0.131
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

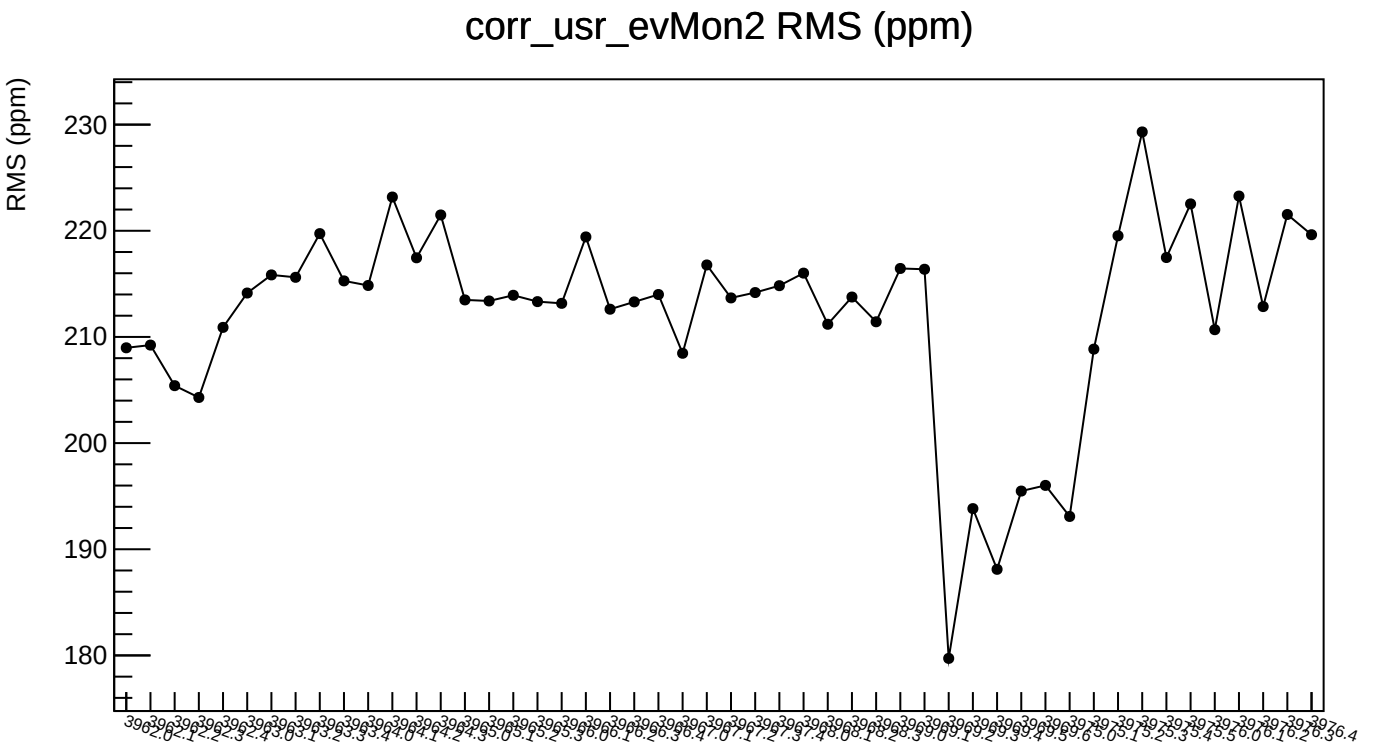

corr_usr_evMon0 RMS (ppm)
RMS (ppm)
520
500
480
460
440
420
400

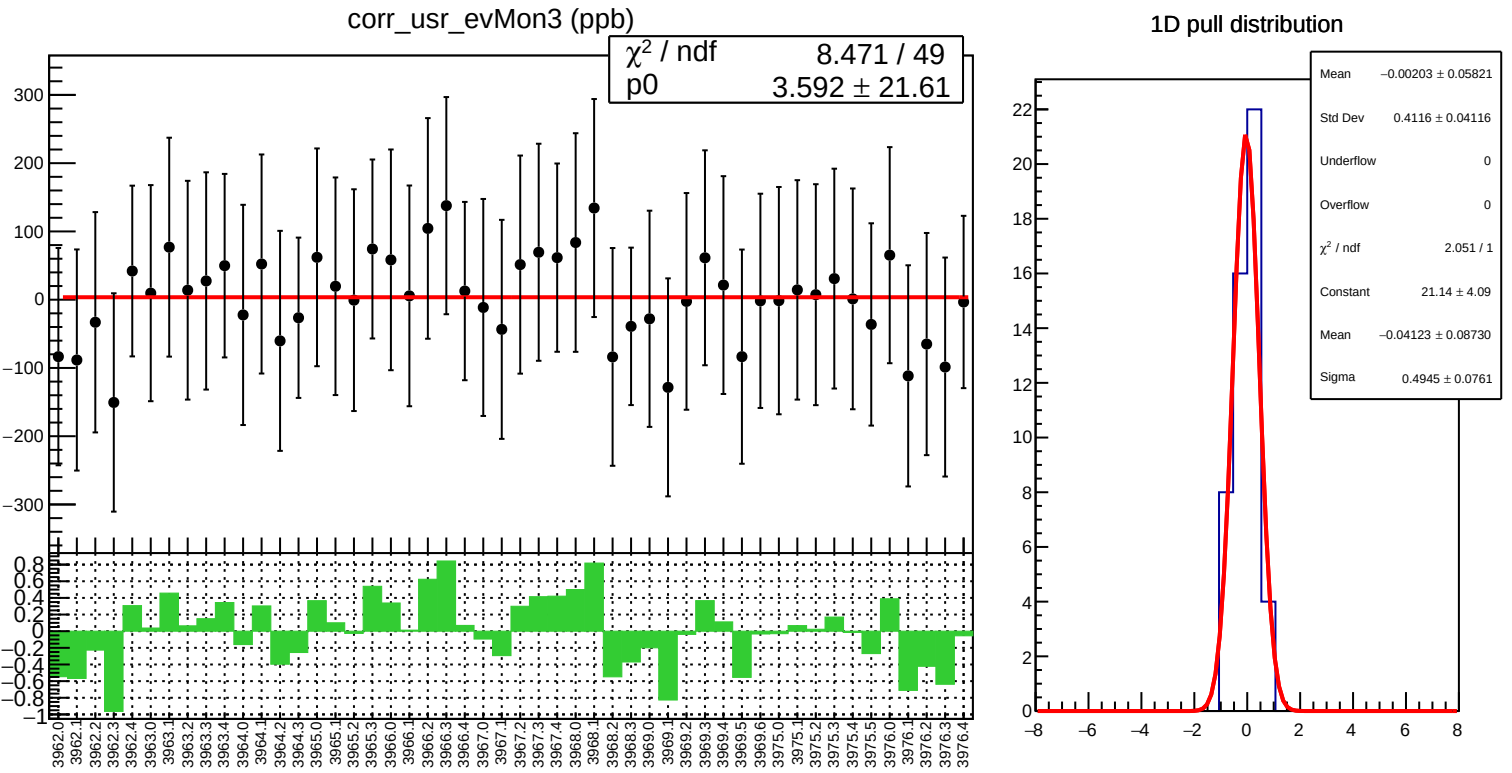

corr_usr_evMon1 (ppb)
χ² / ndf 44.23 / 49
p0 367.9 ± 218
1D pull distribution
Mean 0.009989 ± 0.133
Std Dev 0.9405 ± 0.09405
Underflow 0
Overflow 0
χ² / ndf 4.082 / 7
Constant 9.775 ± 1.914
Mean −0.02412 ± 0.15992
Sigma 1.007 ± 0.138


corr_usr_evMon1 RMS (ppm)
RMS (ppm)
180
160
140
120
100

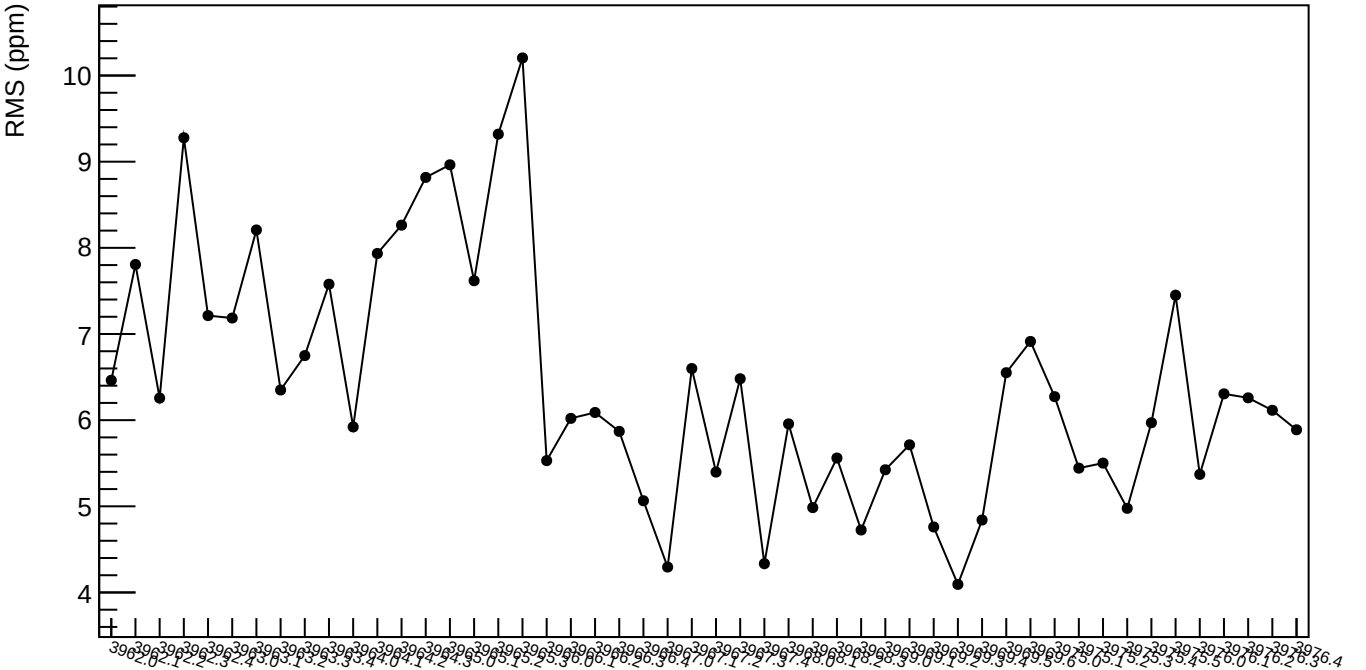

corr_usr_evMon2 (ppb)
χ² / ndf 32.98 / 49
p0 −105.4 ± 358.8

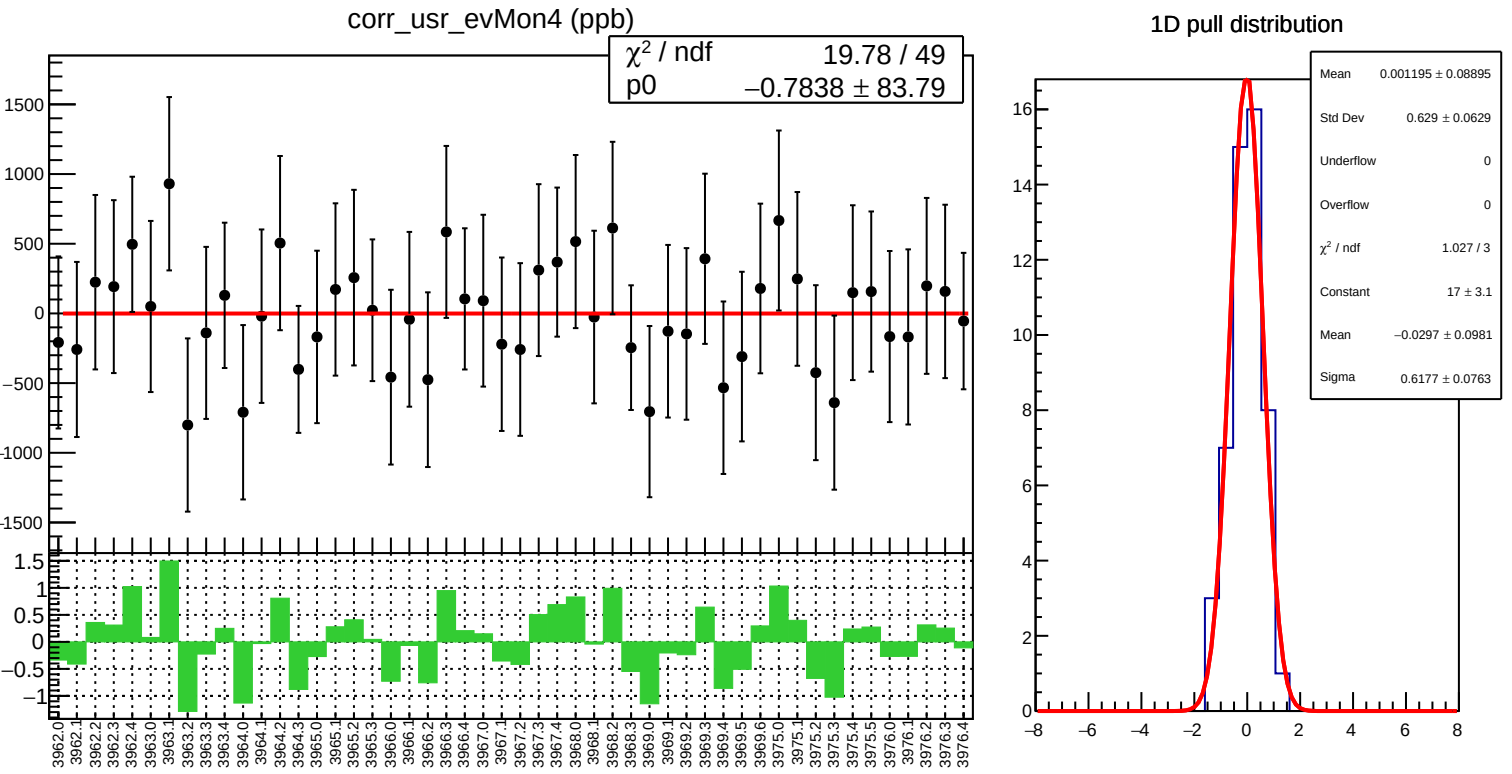

1D pull distribution
Mean 0.0001959 ± 0.1149
Std Dev 0.8121 ± 0.08121
Underflow 0
Overflow 0
χ² / ndf 2.875 / 5
Constant 12.26 ± 2.51
Mean −0.04727 ± 0.13576
Sigma 0.8385 ± 0.1367

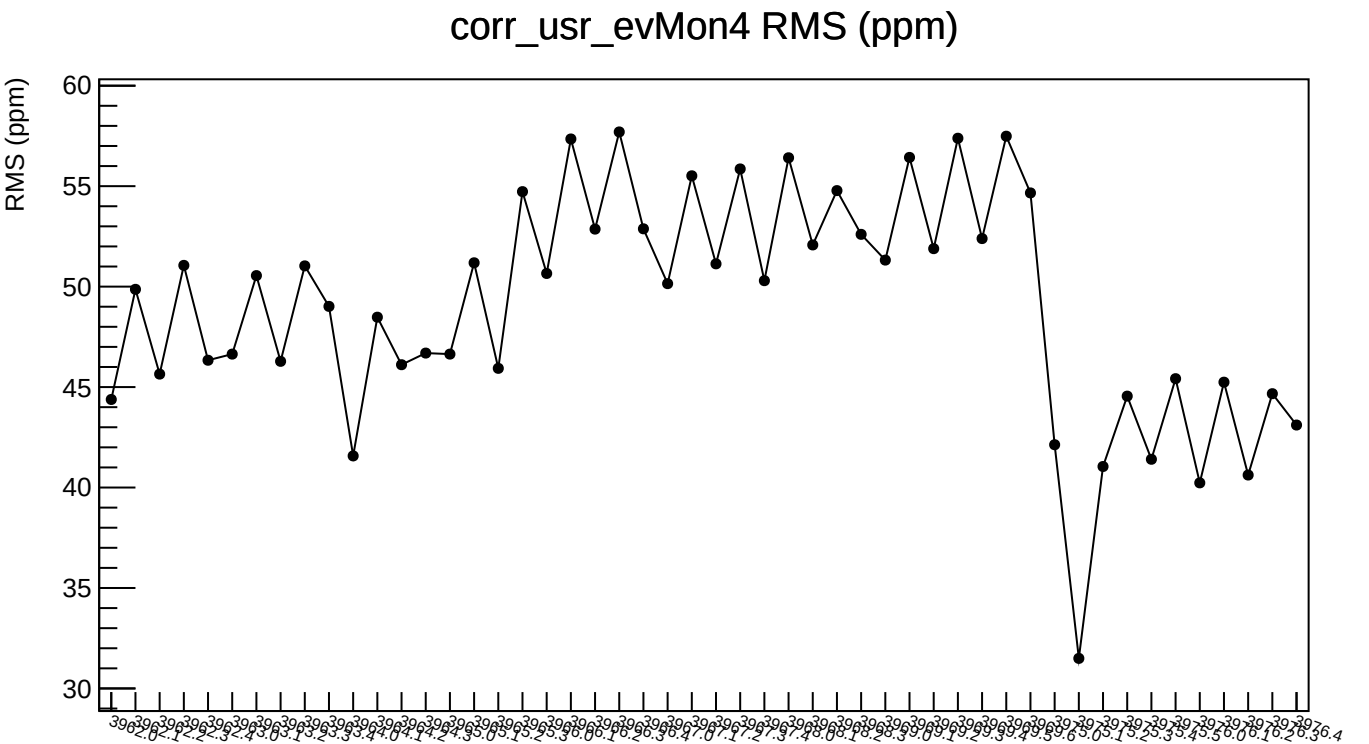

corr_usr_evMon2 RMS (ppm)
RMS (ppm)
230
220
210
200
190
180

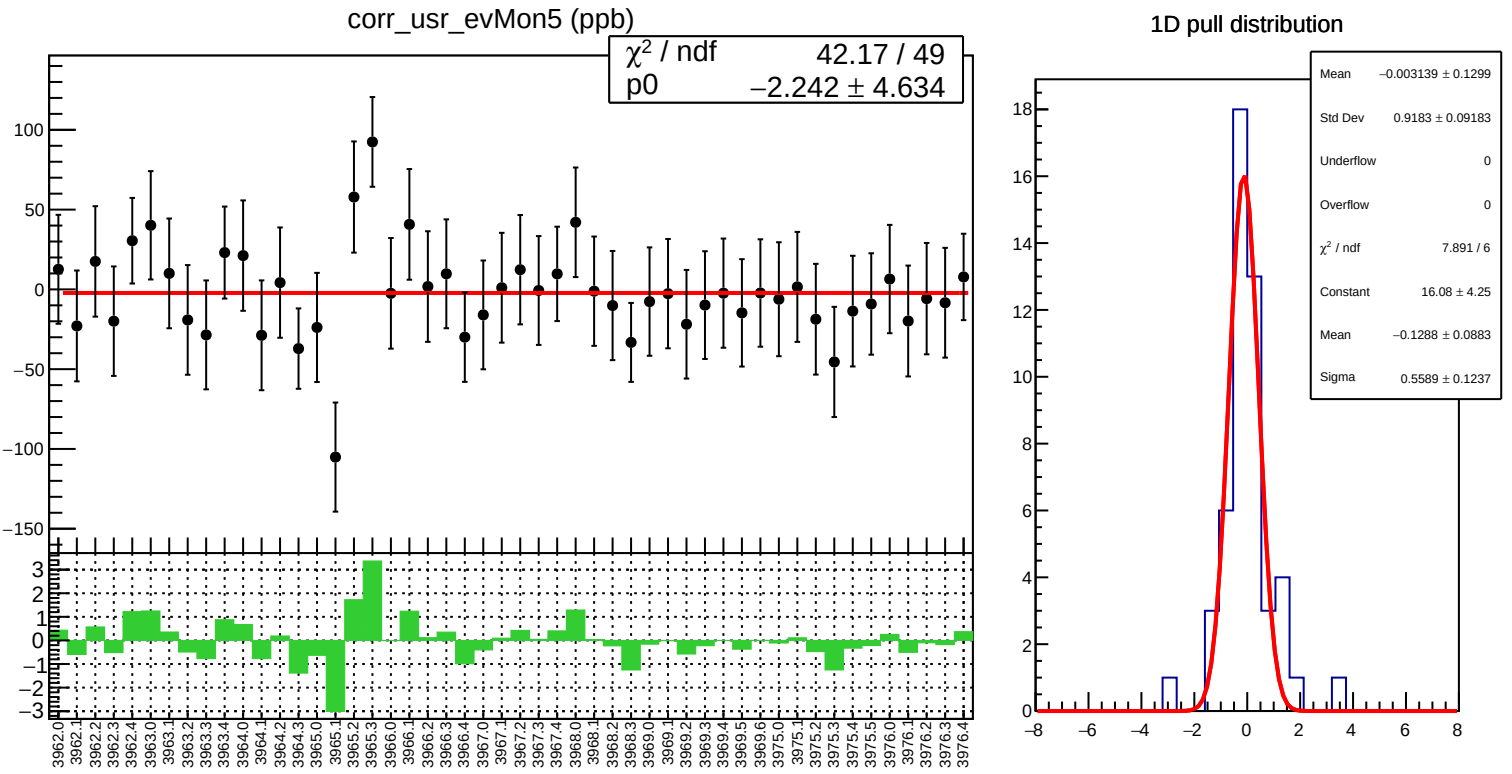

corr_usr_evMon3 (ppb)
χ² / ndf 8.471 / 49
p0 3.592 ± 21.61
1D pull distribution
Mean −0.00203 ± 0.05821
Std Dev 0.4116 ± 0.04116
Underflow 0
Overflow 0
χ² / ndf 2.051 / 1
Constant 21.14 ± 4.09
Mean −0.04123 ± 0.08730
Sigma 0.4945 ± 0.0761

corr_usr_evMon3 RMS (ppm)

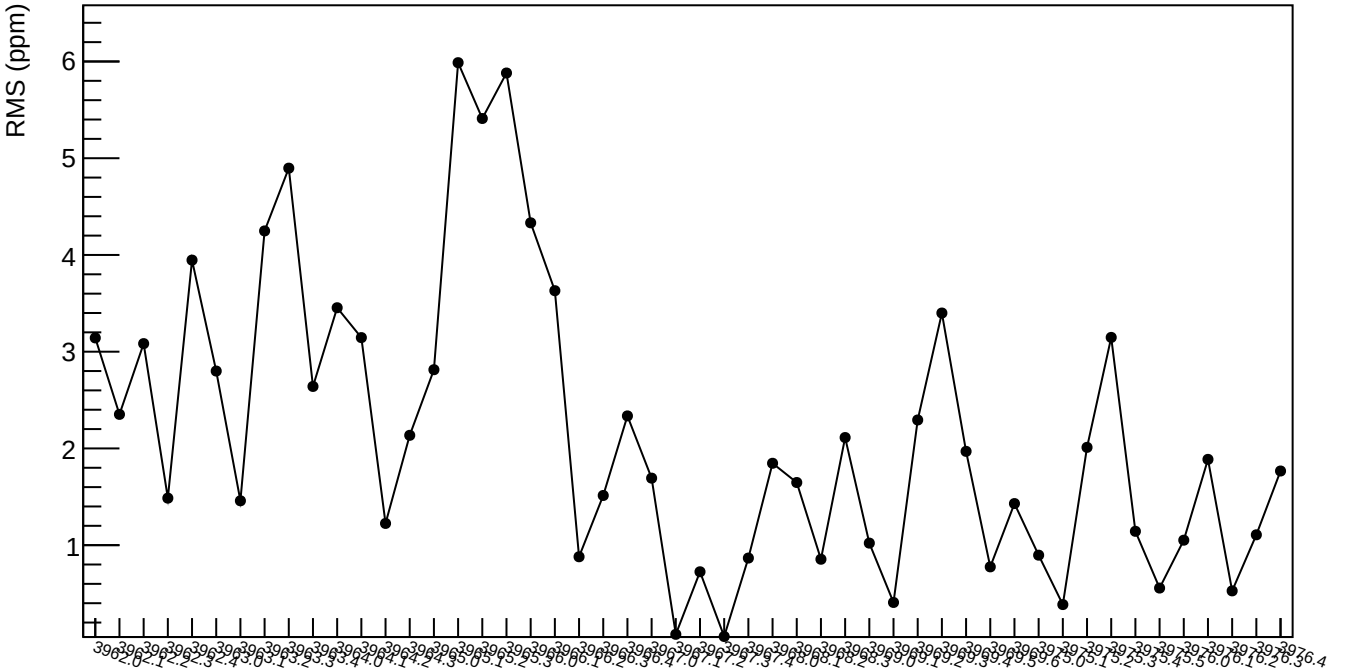


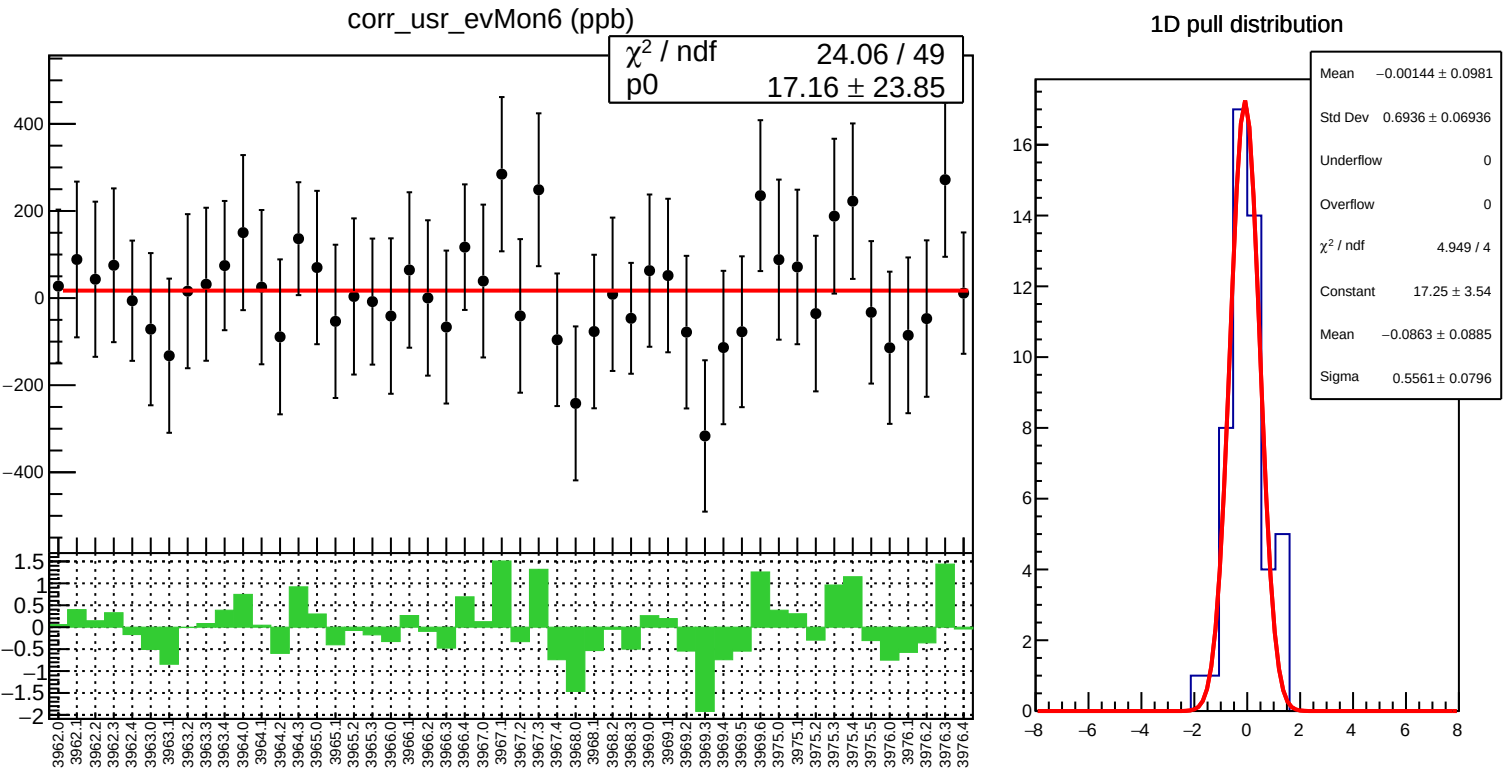

corr_usr_evMon4 (ppb)
χ² / ndf 19.78 / 49
p0 −0.7838 ± 83.79
1D pull distribution
Mean 0.001195 ± 0.08895
Std Dev 0.629 ± 0.0629
Underflow 0
Overflow 0
χ² / ndf 1.027 / 3
Constant 17 ± 3.1
Mean −0.0297 ± 0.0981
Sigma 0.6177 ± 0.0763


corr_usr_evMon4 RMS (ppm)
RMS (ppm)
60
55
50
45
40
35
30

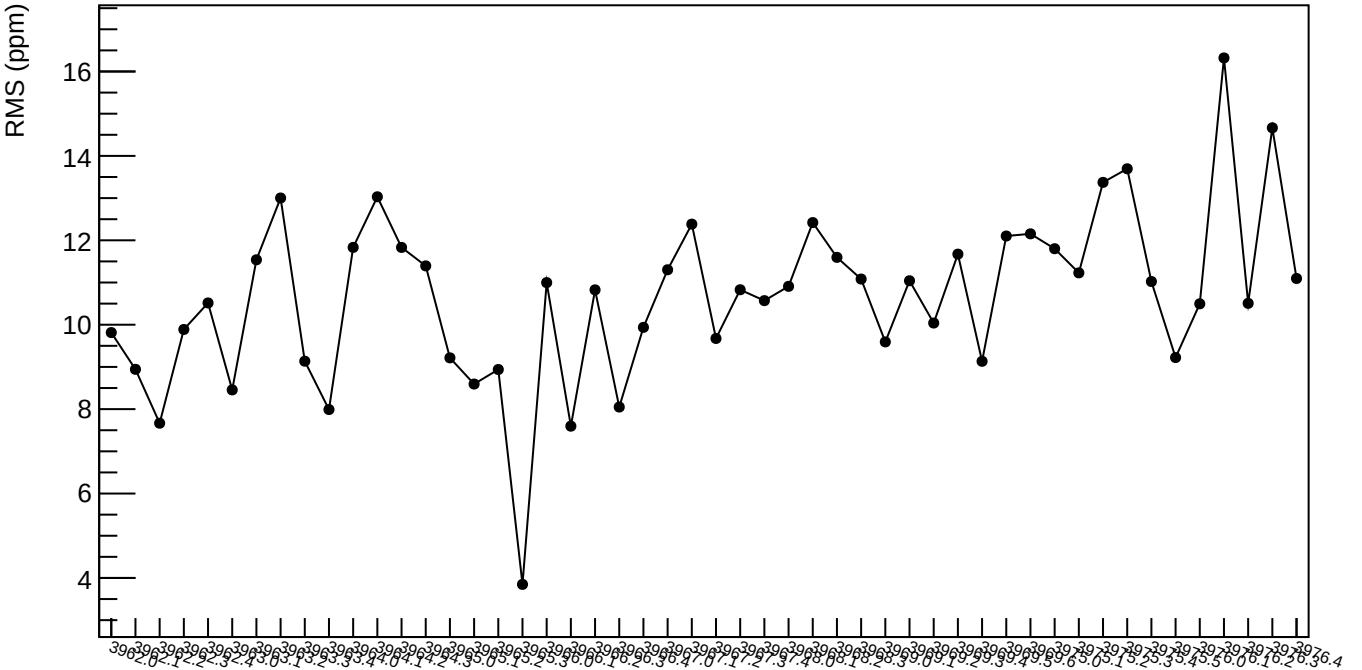

corr_usr_evMon5 (ppb)
χ² / ndf 42.17 / 49
p0 −2.242 ± 4.634
1D pull distribution
Mean −0.003139 ± 0.1299
Std Dev 0.9183 ± 0.09183
Underflow 0
Overflow 0
χ² / ndf 7.891 / 6
Constant 16.08 ± 4.25
Mean −0.1288 ± 0.0883
Sigma 0.5589 ± 0.1237

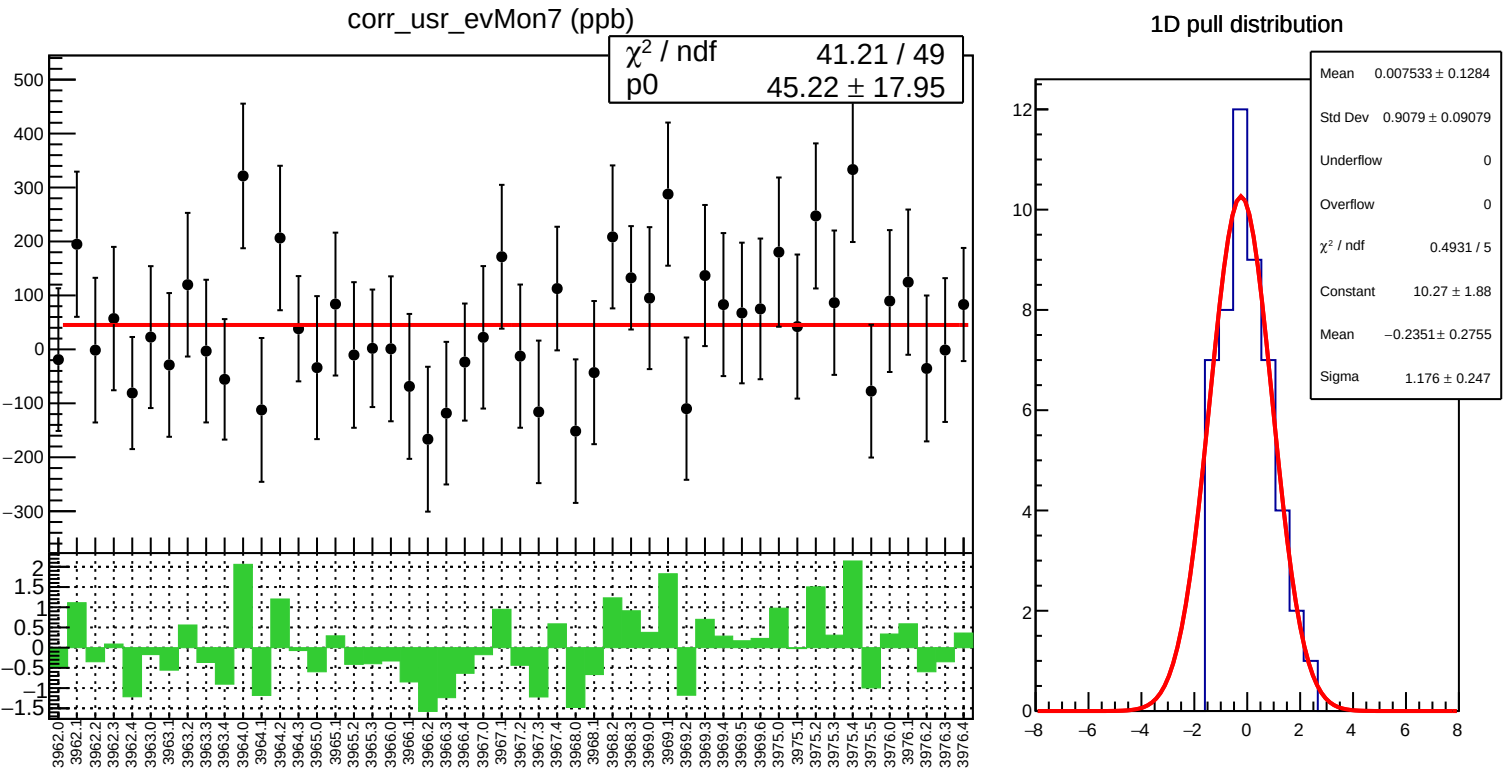
corr_usr_evMon5 RMS (ppm)



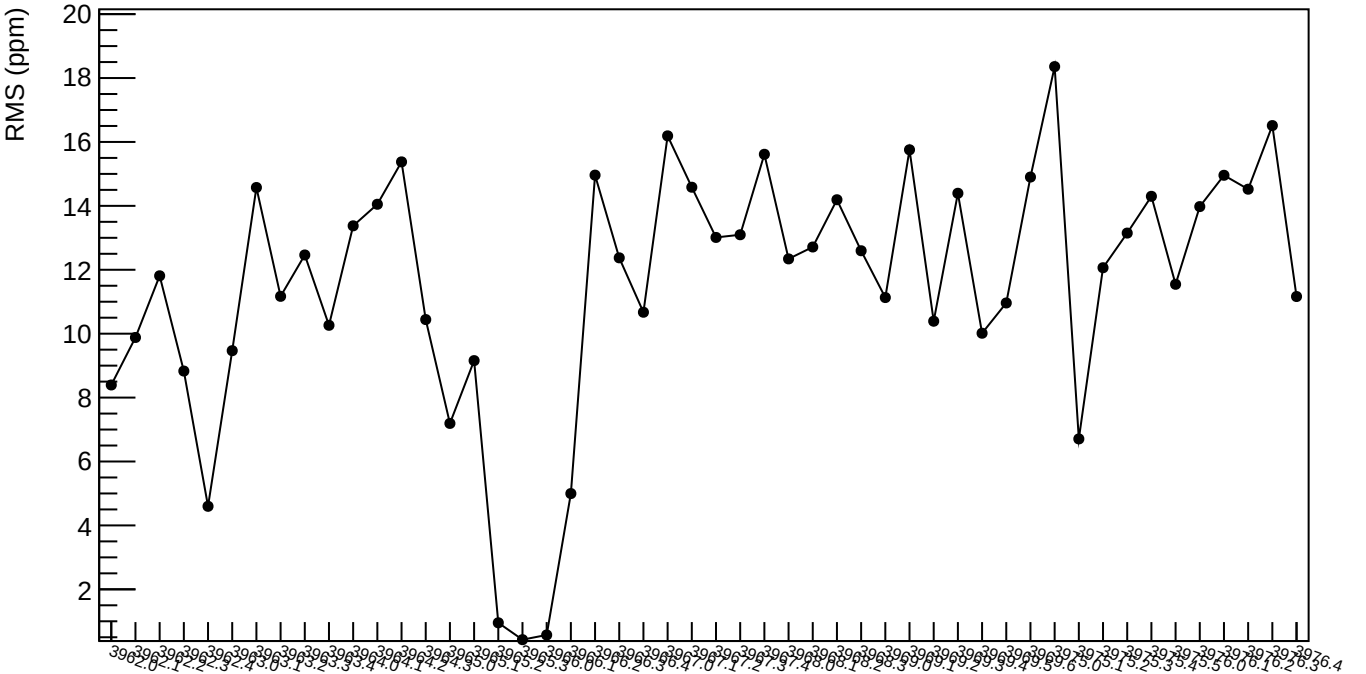

corr_usr_evMon6 (ppb)
χ² / ndf 24.06 / 49
p0 17.16 ± 23.85
1D pull distribution
Mean −0.00144 ± 0.0981
Std Dev 0.6936 ± 0.06936
Underflow 0
Overflow 0
χ² / ndf 4.949 / 4
Constant 17.25 ± 3.54
Mean −0.0863 ± 0.0885
Sigma 0.5561 ± 0.0796

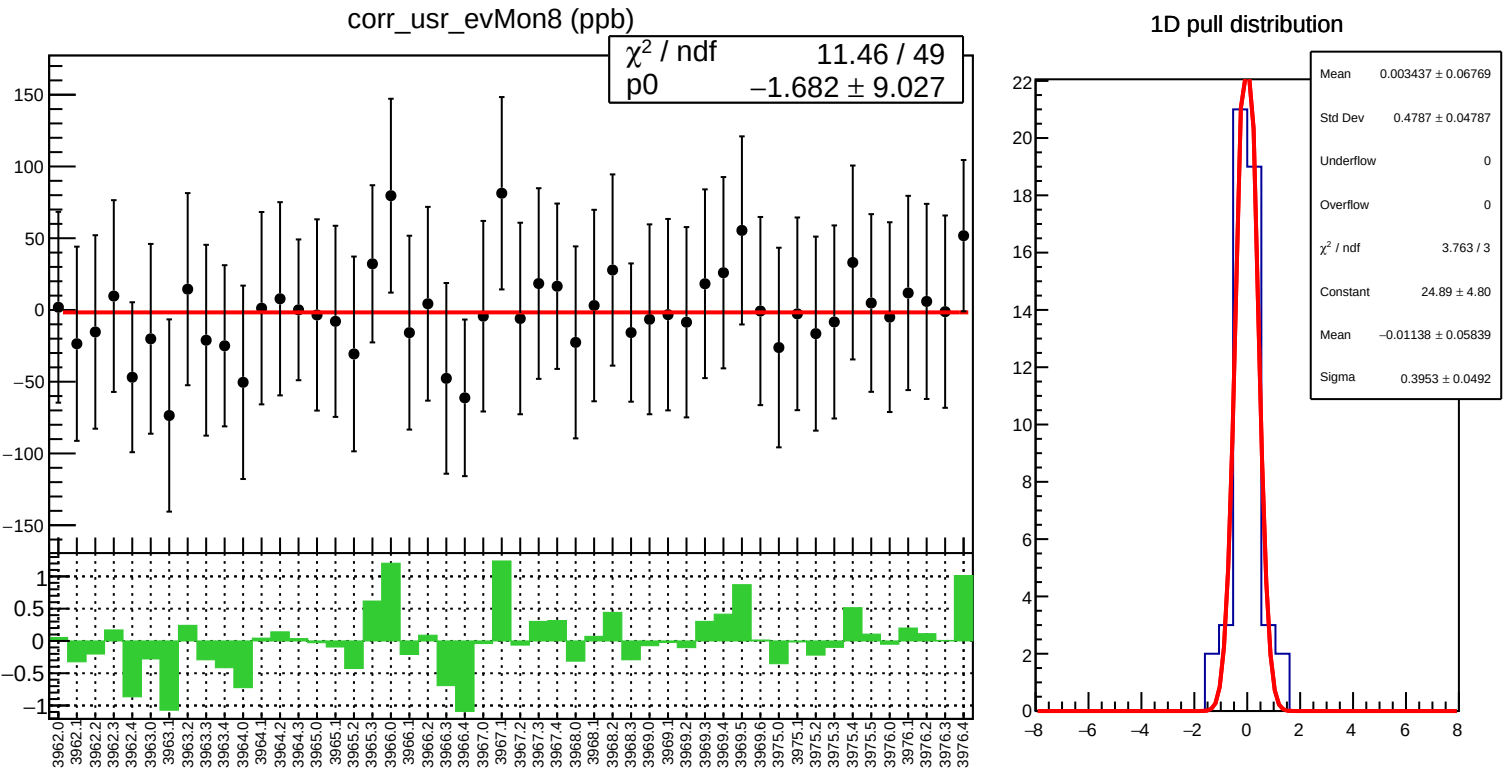
corr_usr_evMon6 RMS (ppm)



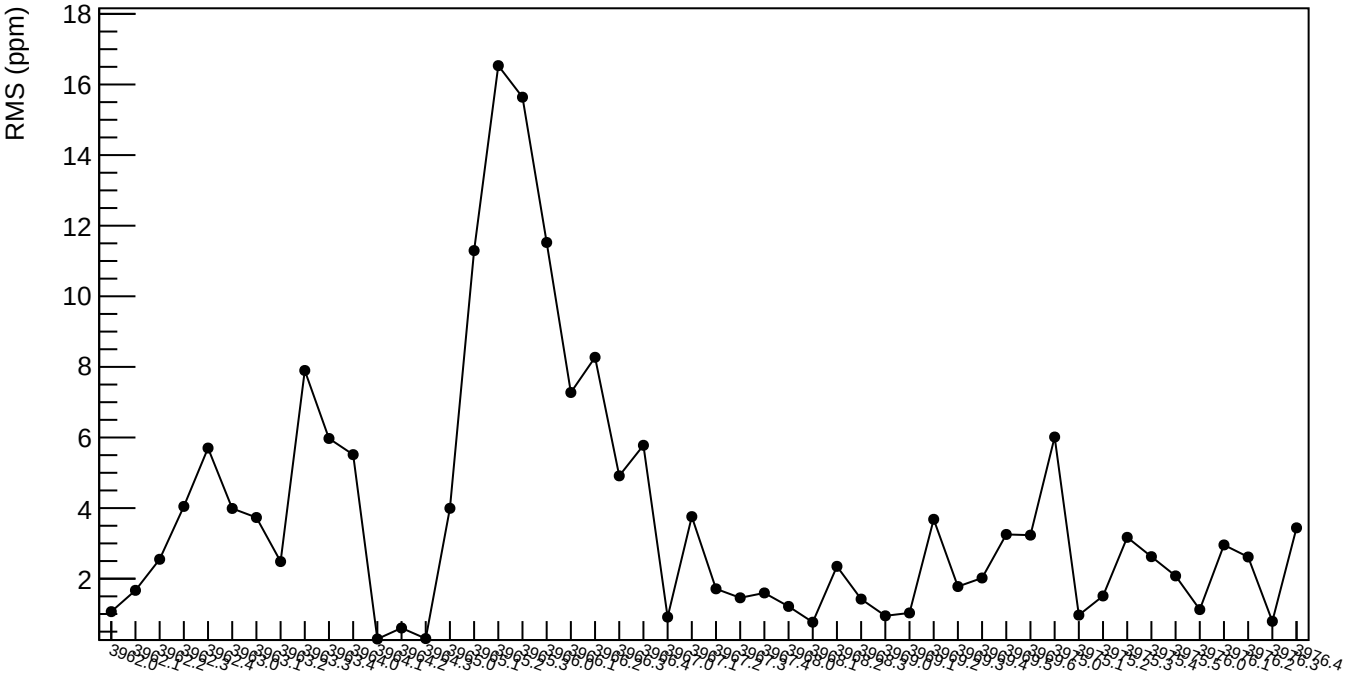

corr_usr_evMon7 (ppb)
χ² / ndf 41.21 / 49
p0 45.22 ± 17.95
1D pull distribution
Mean 0.007533 ± 0.1284
Std Dev 0.9079 ± 0.09079
Underflow 0
Overflow 0
χ² / ndf 0.4931 / 5
Constant 10.27 ± 1.88
Mean −0.2351 ± 0.2755
Sigma 1.176 ± 0.247

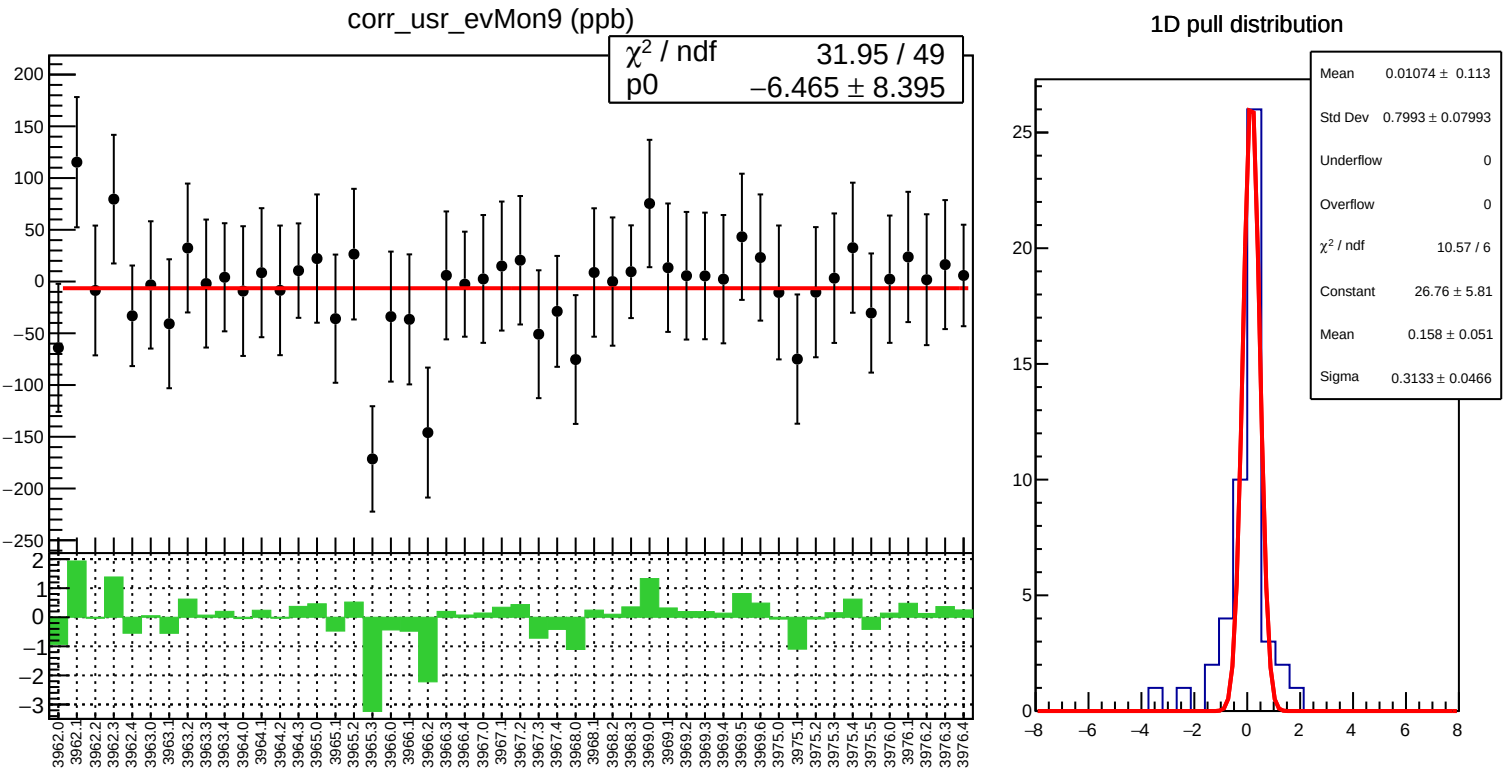
corr_usr_evMon7 RMS (ppm)

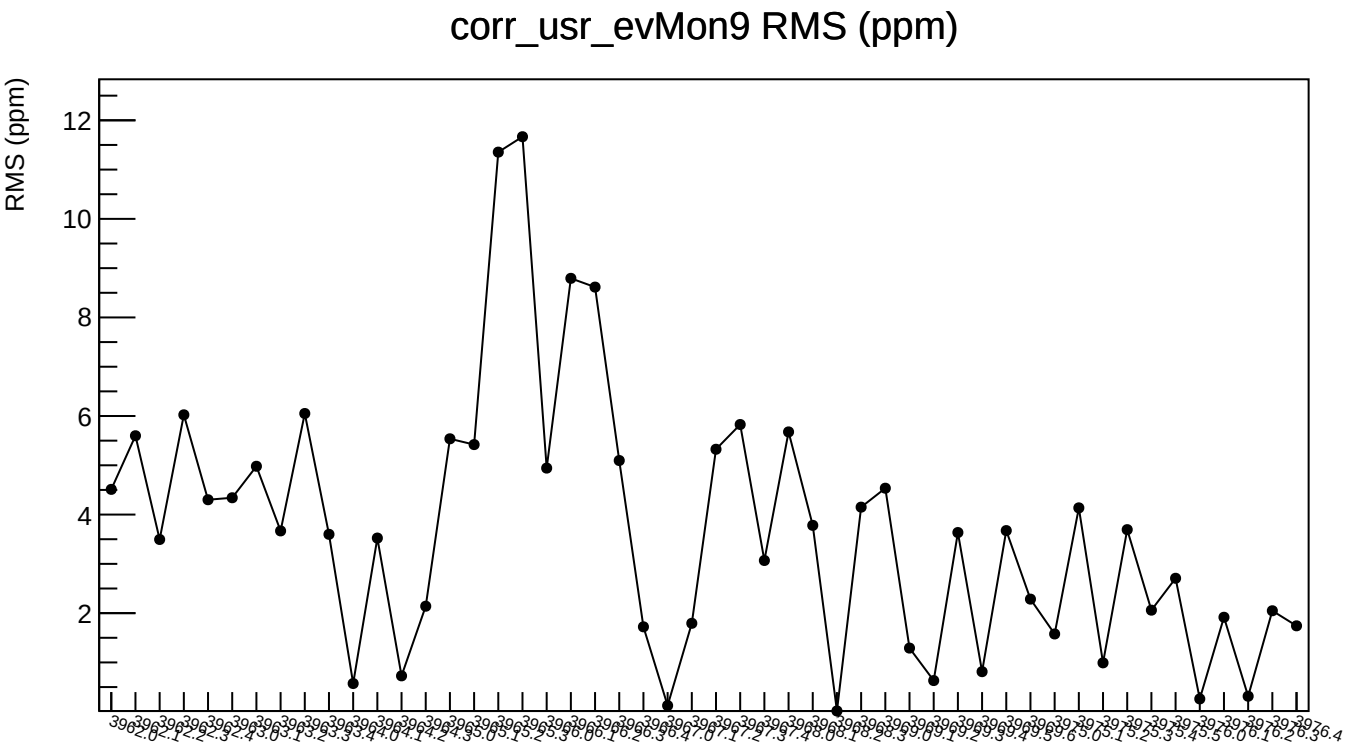


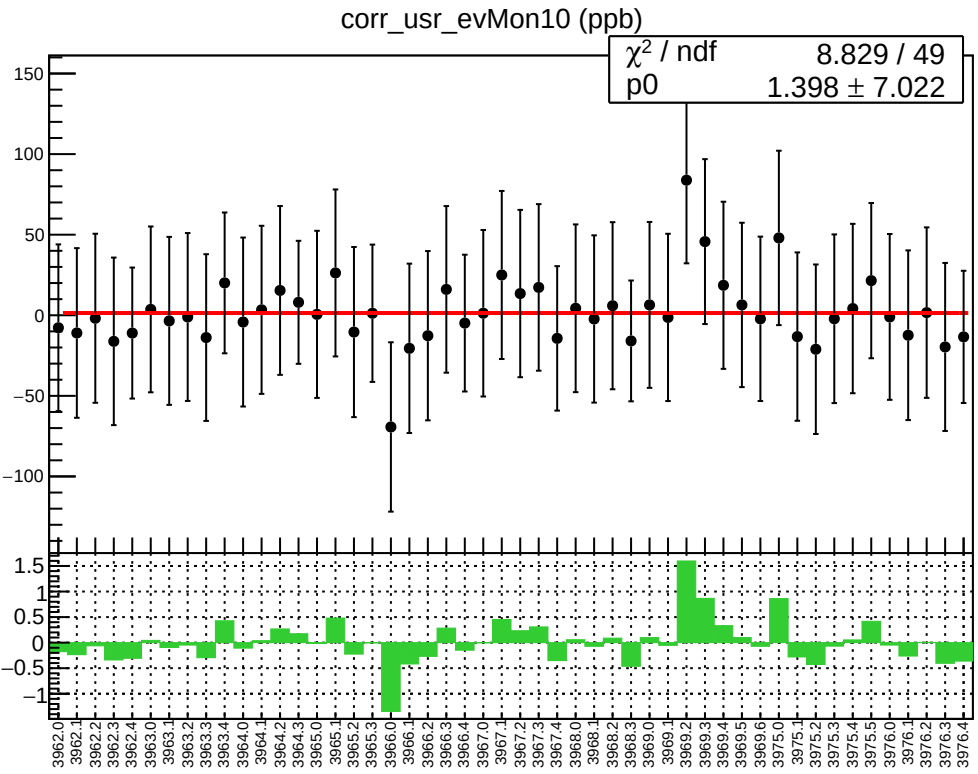

corr_usr_evMon8 (ppb)
χ² / ndf 11.46 / 49
p0 −1.682 ± 9.027
1D pull distribution
Mean 0.003437 ± 0.06769
Std Dev 0.4787 ± 0.04787
Underflow 0
Overflow 0
χ² / ndf 3.763 / 3
Constant 24.89 ± 4.80
Mean −0.01138 ± 0.05839
Sigma 0.3953 ± 0.0492

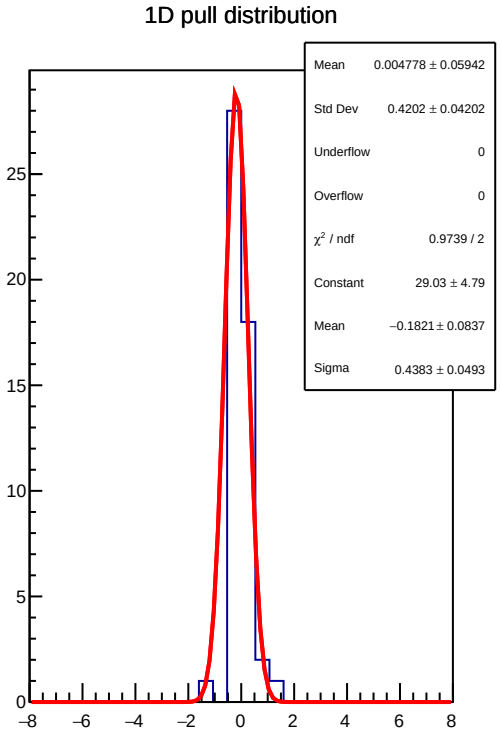
corr_usr_evMon8 RMS (ppm)



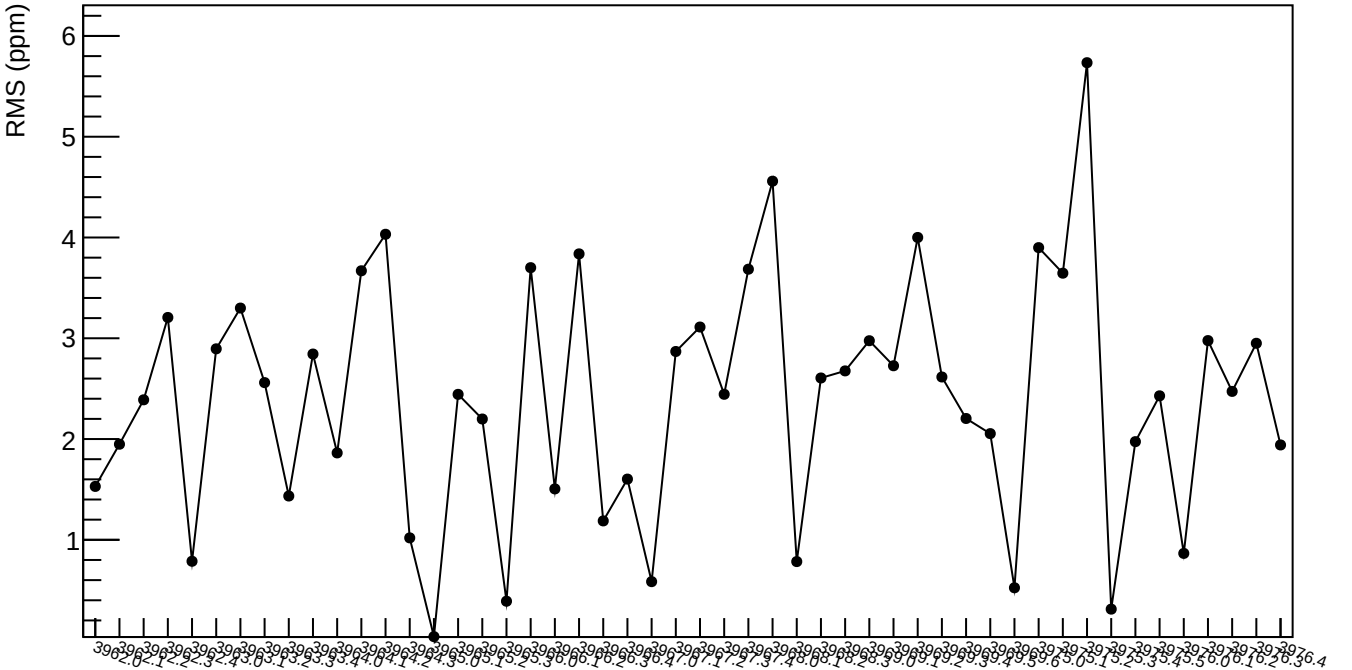

corr_usr_evMon9 (ppb)
χ² / ndf 31.95 / 49
p0 −6.465 ± 8.395
1D pull distribution
Mean 0.01074 ± 0.113
Std Dev 0.7993 ± 0.07993
Underflow 0
Overflow 0
χ² / ndf 10.57 / 6
Constant 26.76 ± 5.81
Mean 0.158 ± 0.051
Sigma 0.3133 ± 0.0466

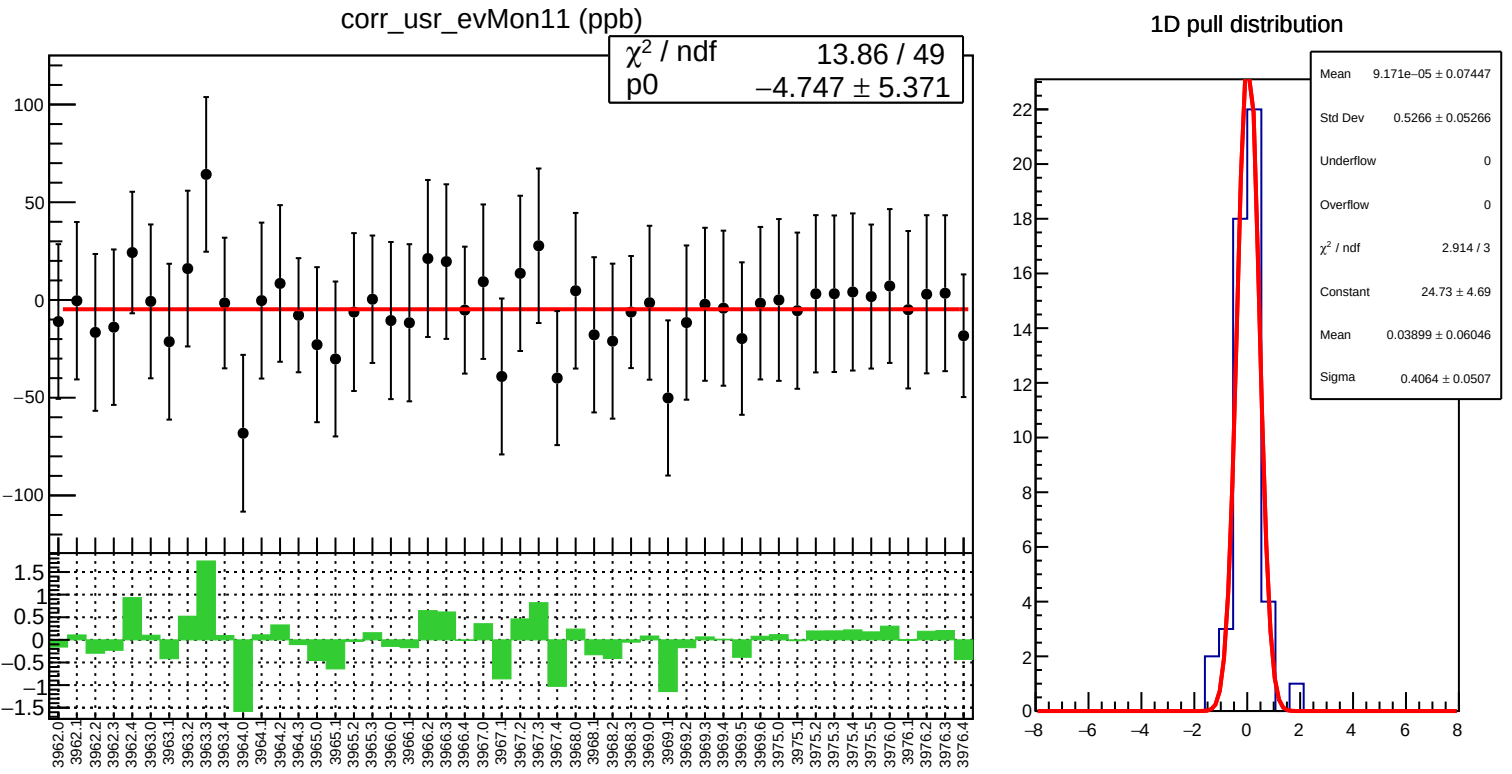
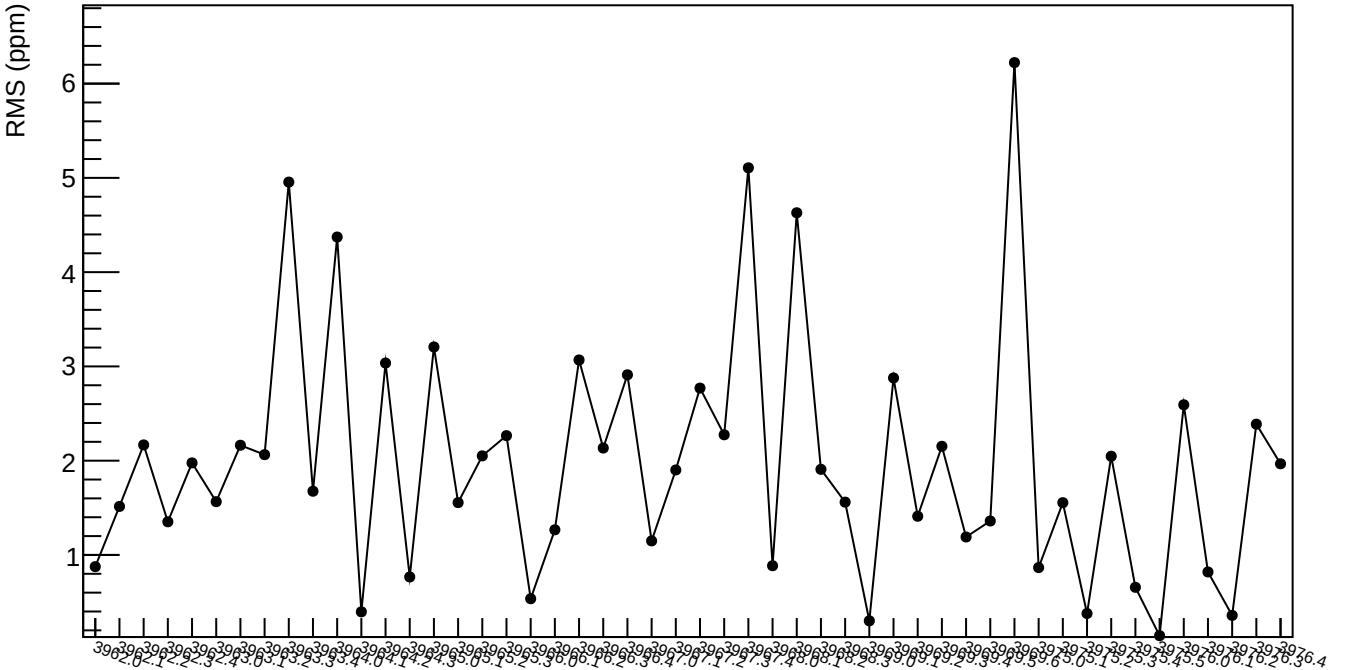

corr_usr_evMon9 RMS (ppm)
RMS (ppm)
12
10
8
6
4
2


corr_usr_evMon10 (ppb)
χ² / ndf 8.829 / 49
p0 1.398 ± 7.022
150
100
50
0
−50
−100
1.5
1
0.5
0
−0.5
−1
3962.0
3962.1
3962.2
3962.3
3962.4
3963.0
3963.1
3963.2
3963.3
3963.4
3964.0
3964.1
3964.2
3964.3
3965.0
3965.1
3965.2
3965.3
3966.0
3966.1
3966.2
3966.3
3966.4
3967.0
3967.1
3967.2
3967.3
3967.4
3968.0
3968.1
3968.2
3968.3
3969.0
3969.1
3969.2
3969.3
3969.4
3969.5
3969.6
3975.0
3975.1
3975.2
3975.3
3975.4
3975.5
3976.0
3976.1
3976.2
3976.3
3976.4


1D pull distribution
Mean 0.004778 ± 0.05942
Std Dev 0.4202 ± 0.04202
Underflow 0
Overflow 0
χ² / ndf 0.9739 / 2
Constant 29.03 ± 4.79
Mean −0.1821 ± 0.0837
Sigma 0.4383 ± 0.0493
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

corr_usr_evMon10 RMS (ppm)




corr_usr_evMon11 (ppb)
χ² / ndf 13.86 / 49
p0 −4.747 ± 5.371
1D pull distribution
Mean 9.171e−05 ± 0.07447
Std Dev 0.5266 ± 0.05266
Underflow 0
Overflow 0
χ² / ndf 2.914 / 3
Constant 24.73 ± 4.69
Mean 0.03899 ± 0.06046
Sigma 0.4064 ± 0.0507

corr_usr_evMon11 RMS (ppm)