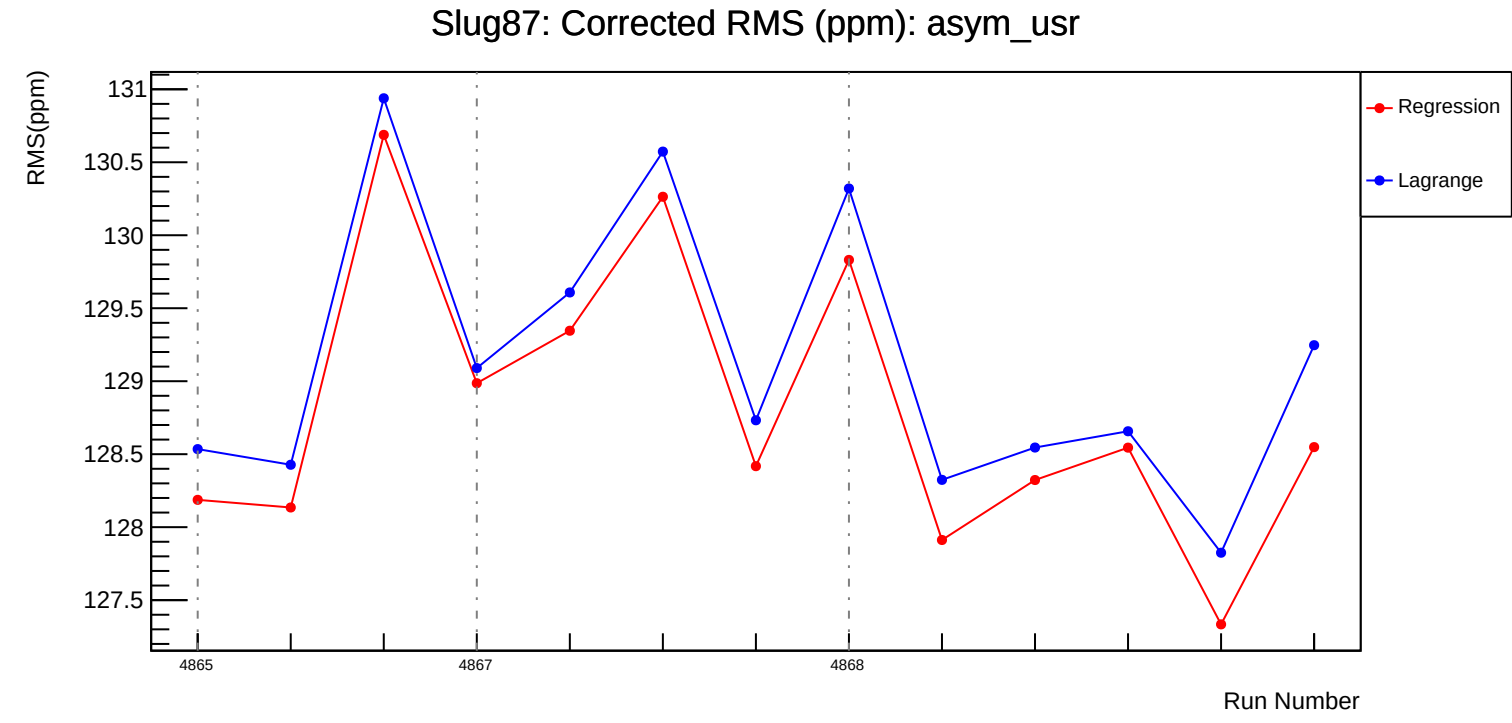
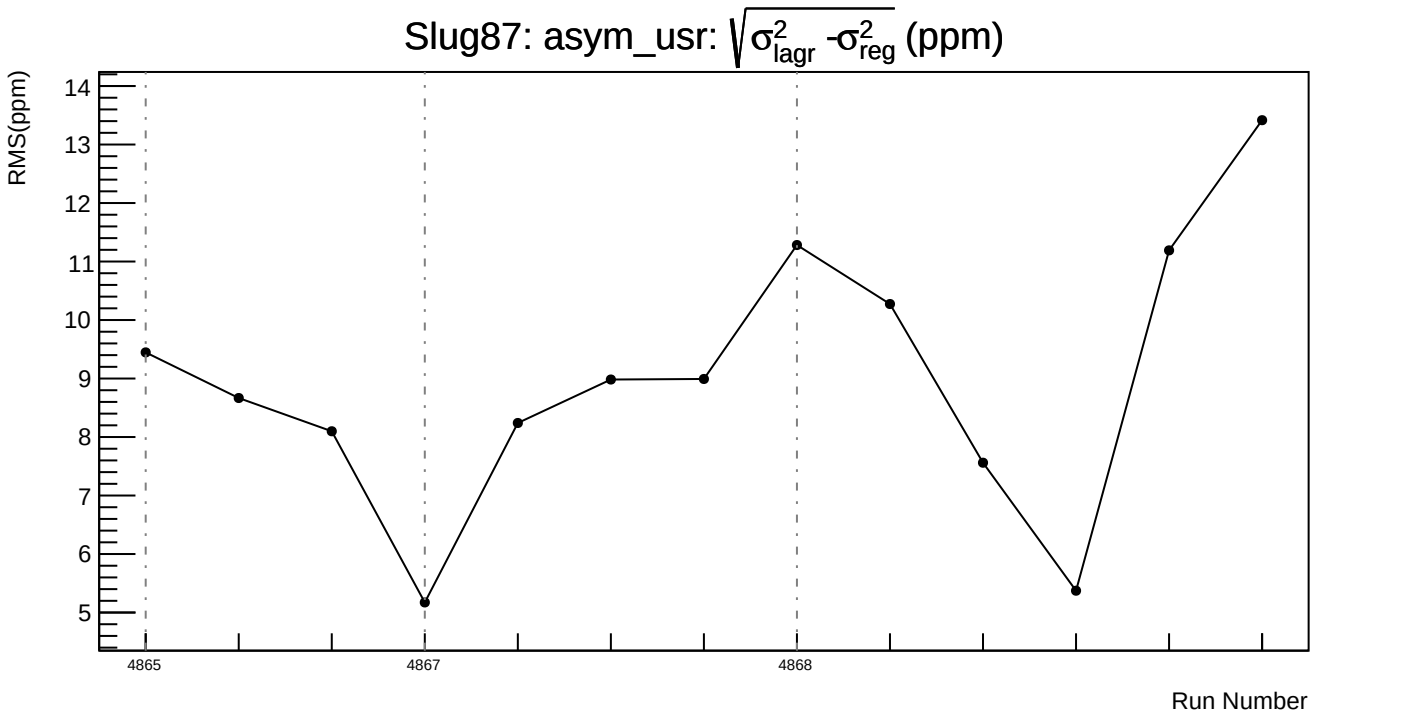
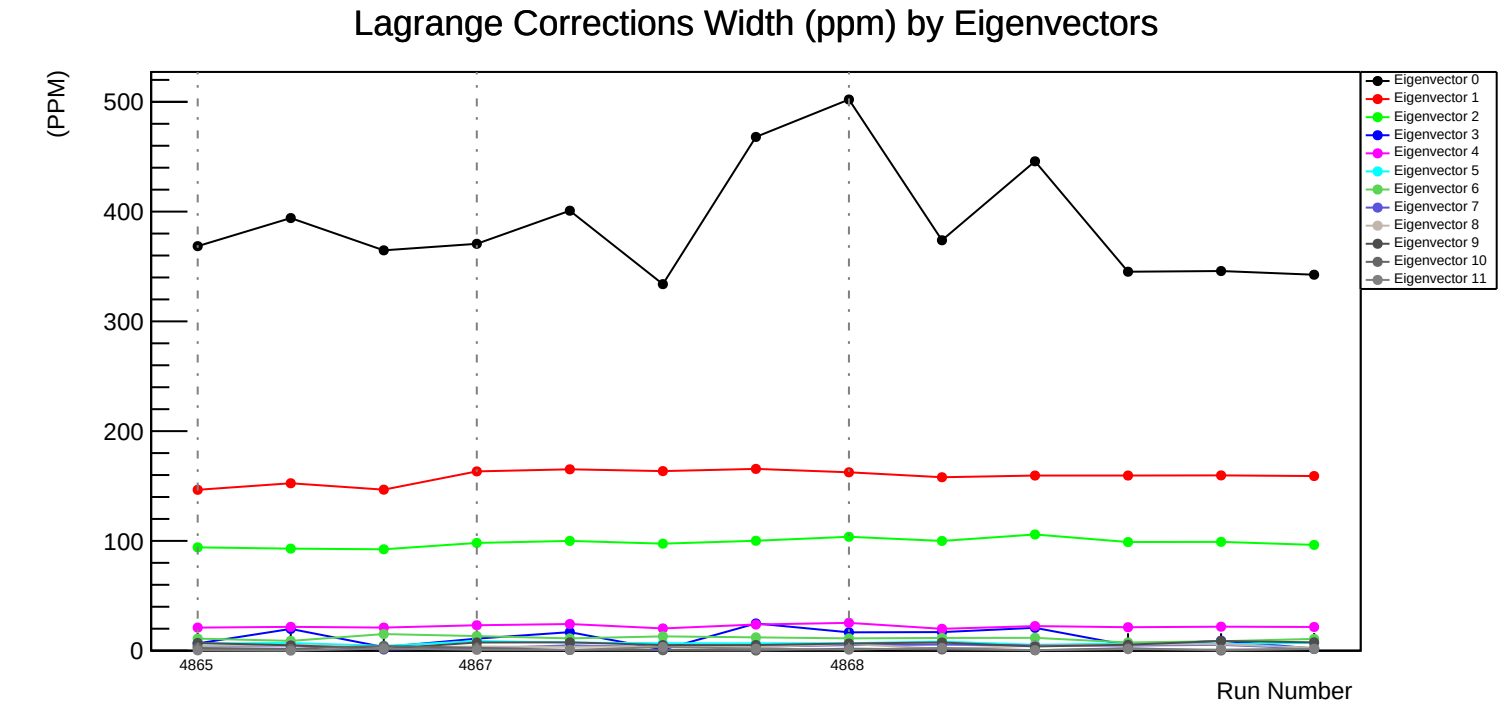
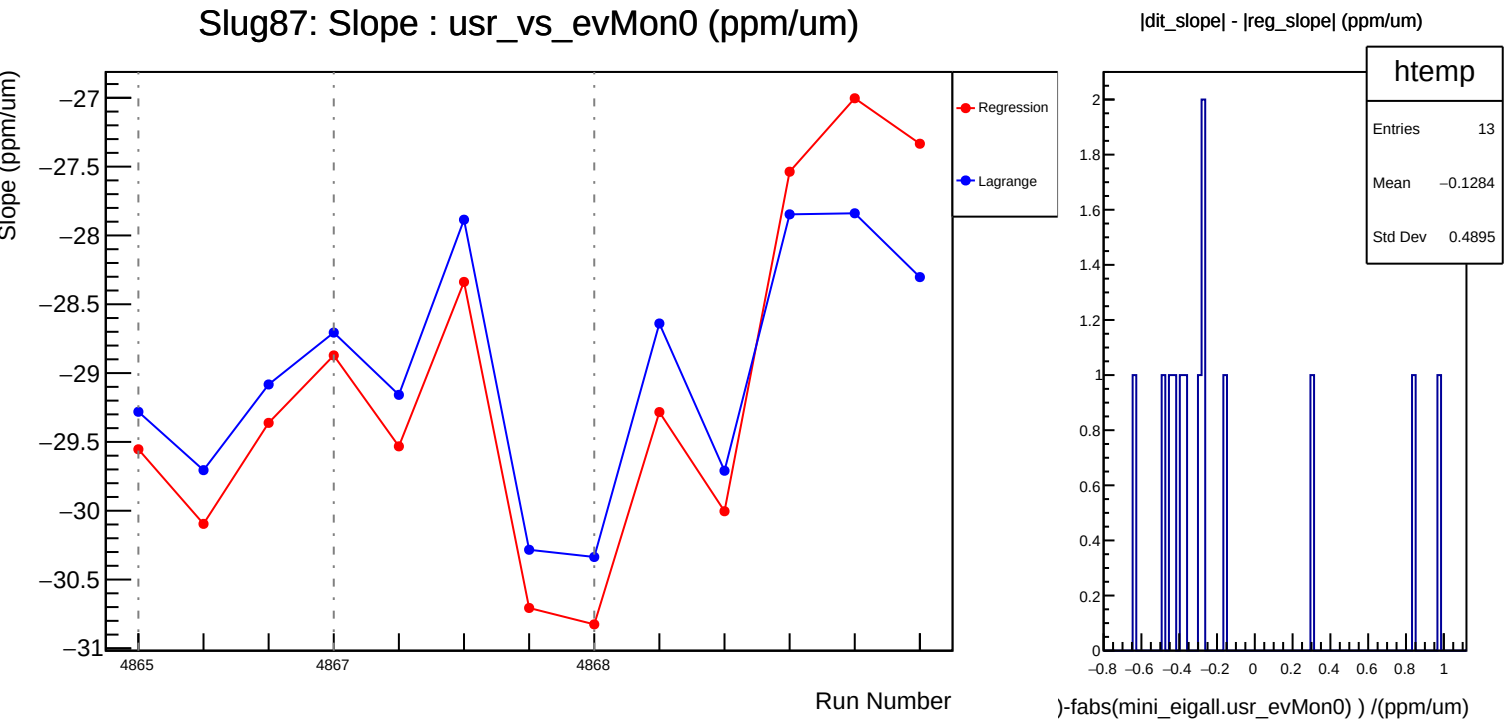
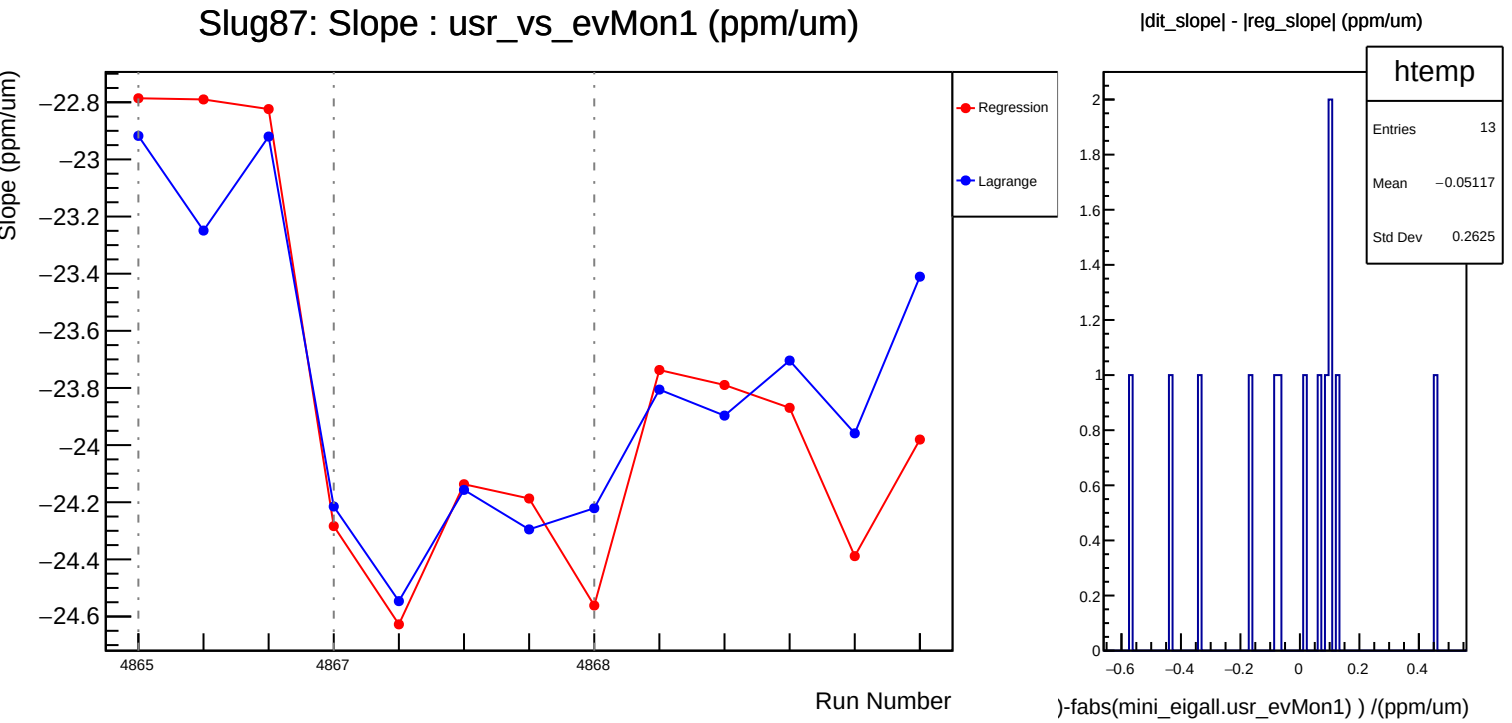
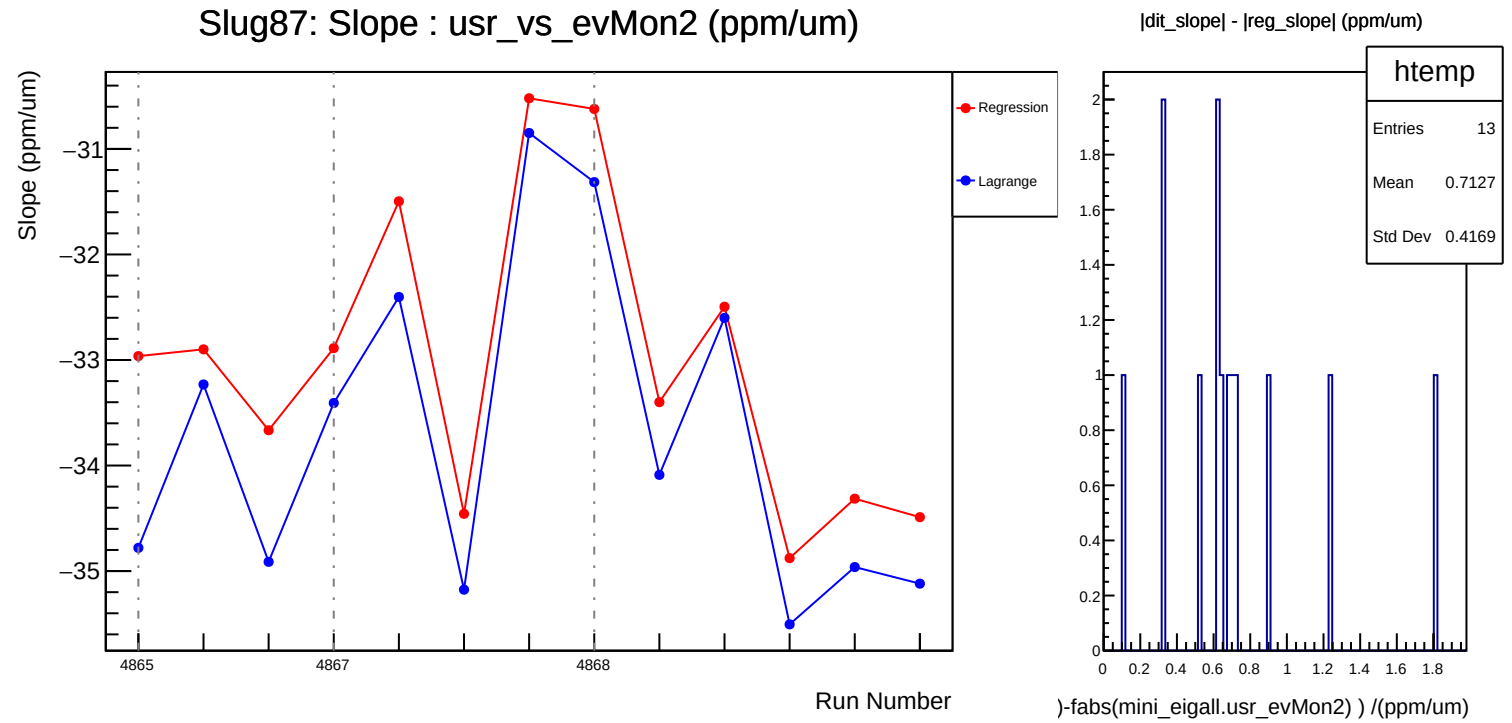

Slug87: Corrected RMS (ppm): asym_usr
RMS(ppm)
131
130.5
130
129.5
129
128.5
128
127.5
4865
4867
4868
Run Number
Regression
Lagrange

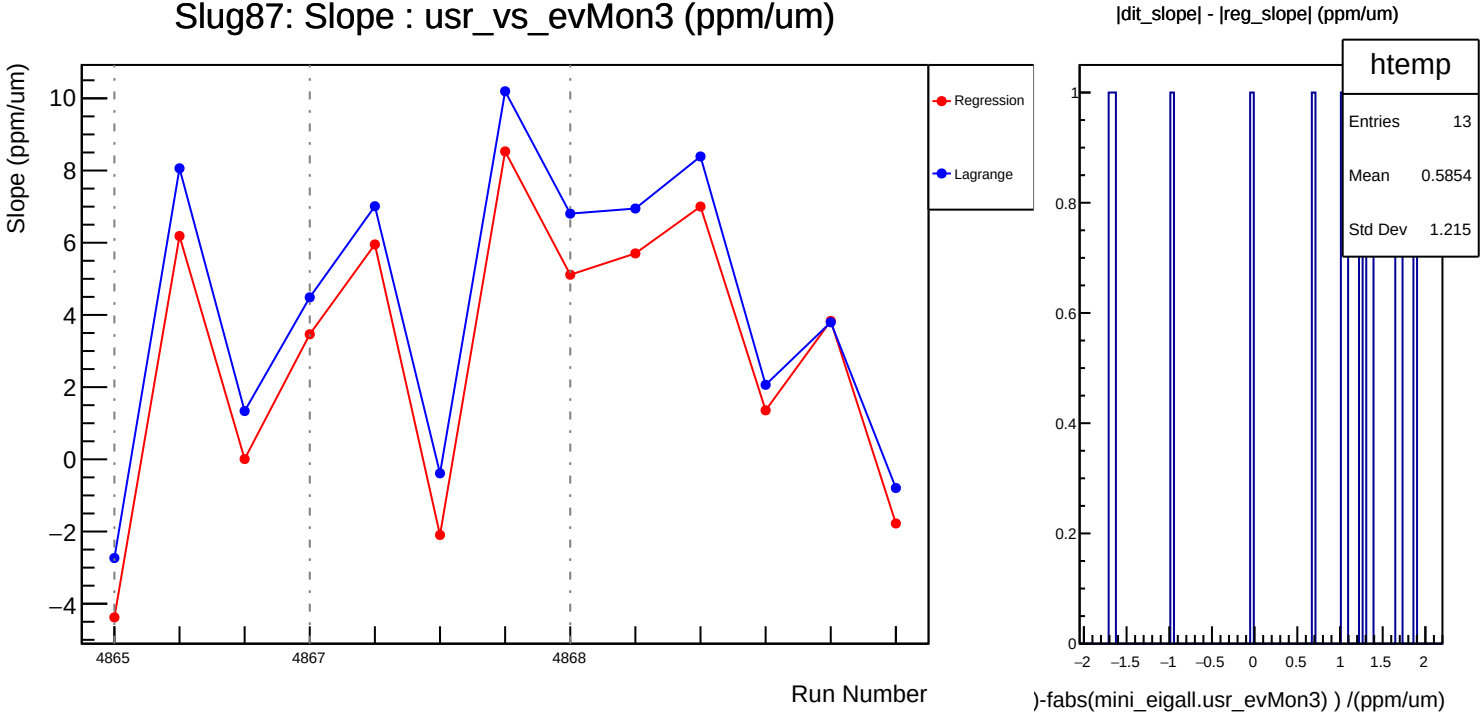

Slug87: asym_usr: $\sqrt{\sigma^2_{lagr} - \sigma^2_{reg}}$ (ppm)
RMS(ppm)
14
13
12
11
10
9
8
7
6
5
4865
4867
4868
Run Number

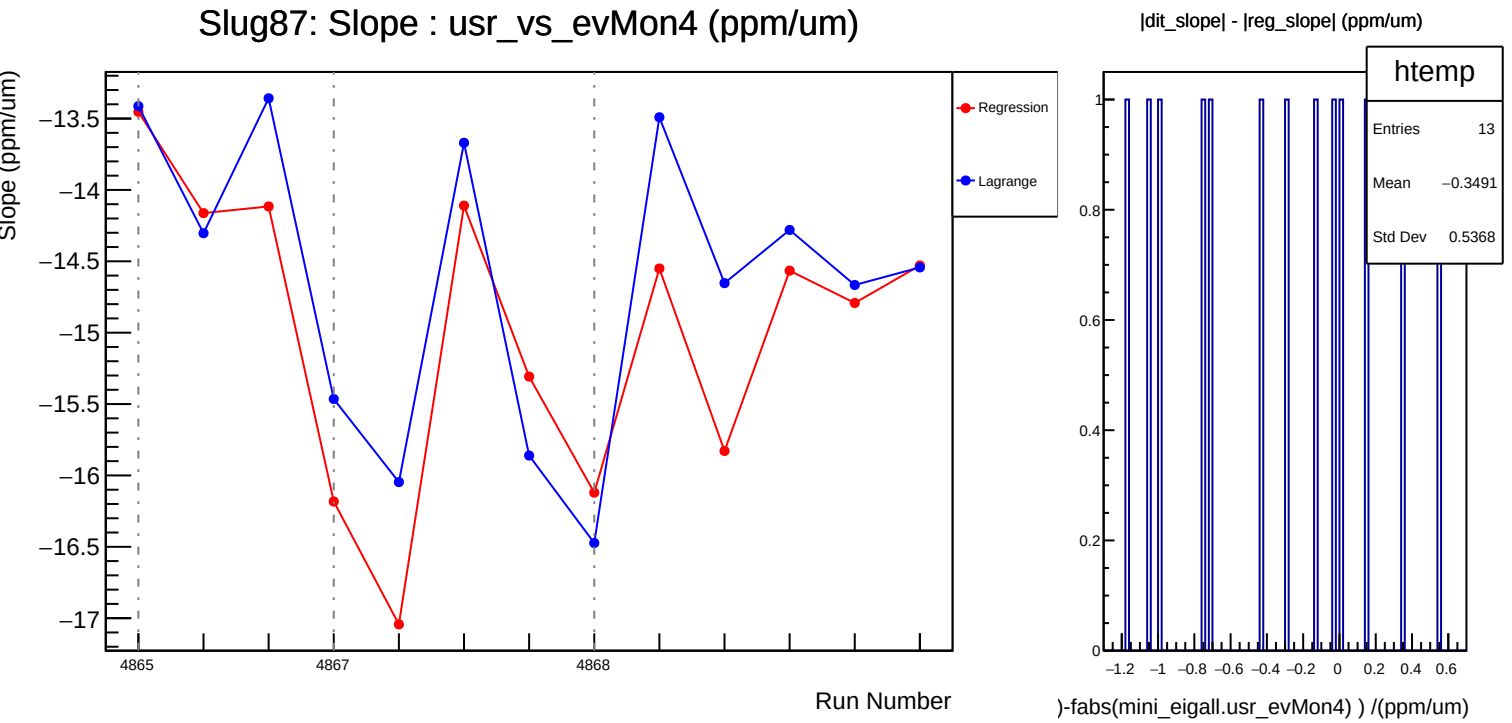

Lagrange Corrections Width (ppm) by Eigenvectors
(PPM)
500
400
300
200
100
0
4865
4867
4868
Run Number
Eigenvector 0
Eigenvector 1
Eigenvector 2
Eigenvector 3
Eigenvector 4
Eigenvector 5
Eigenvector 6
Eigenvector 7
Eigenvector 8
Eigenvector 9
Eigenvector 10
Eigenvector 11

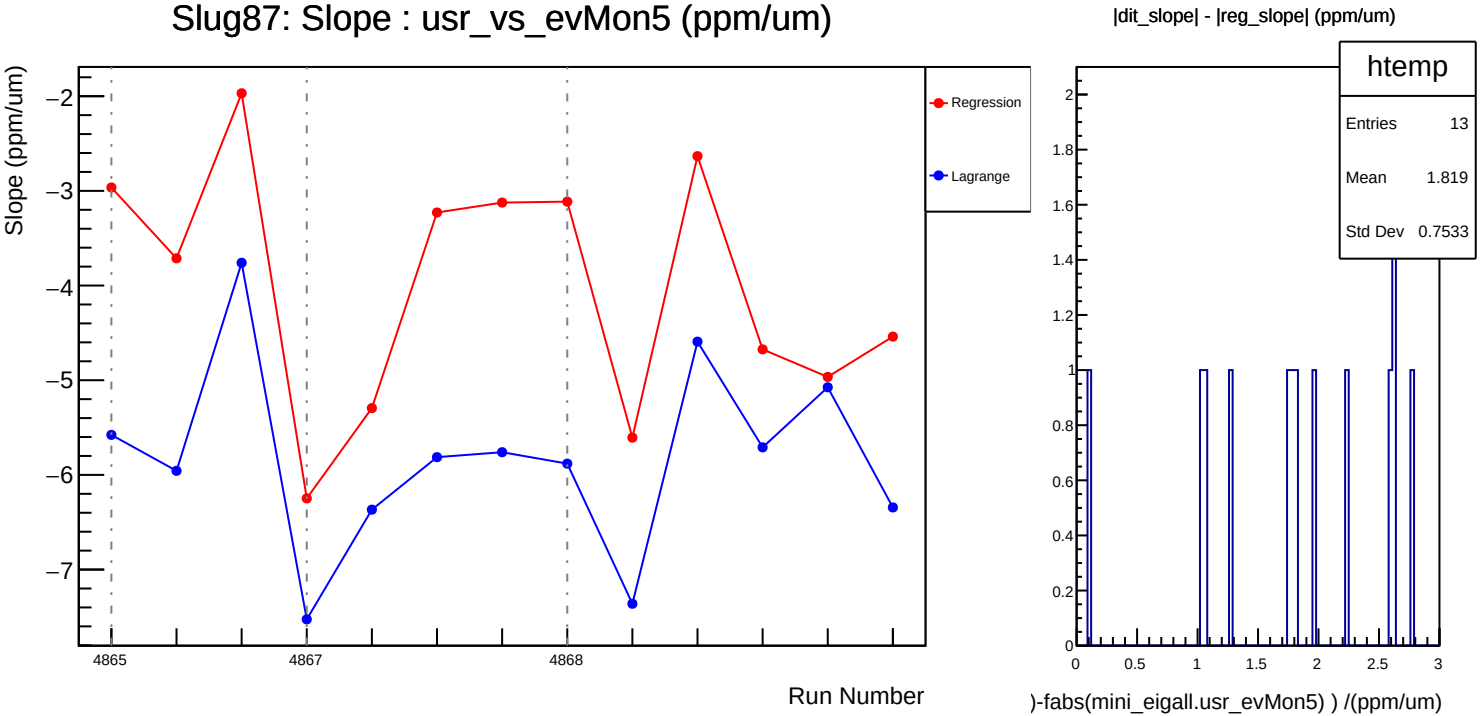

Slug87: Slope : usr_vs_evMon0 (ppm/um)
Slope (ppm/um)
−27
−27.5
−28
−28.5
−29
−29.5
−30
−30.5
−31
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.1284
Std Dev 0.4895
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.8 −0.6 −0.4 −0.2 0 0.2 0.4 0.6 0.8 1
)-fabs(mini_eigall.usr_evMon0)) /(ppm/um)

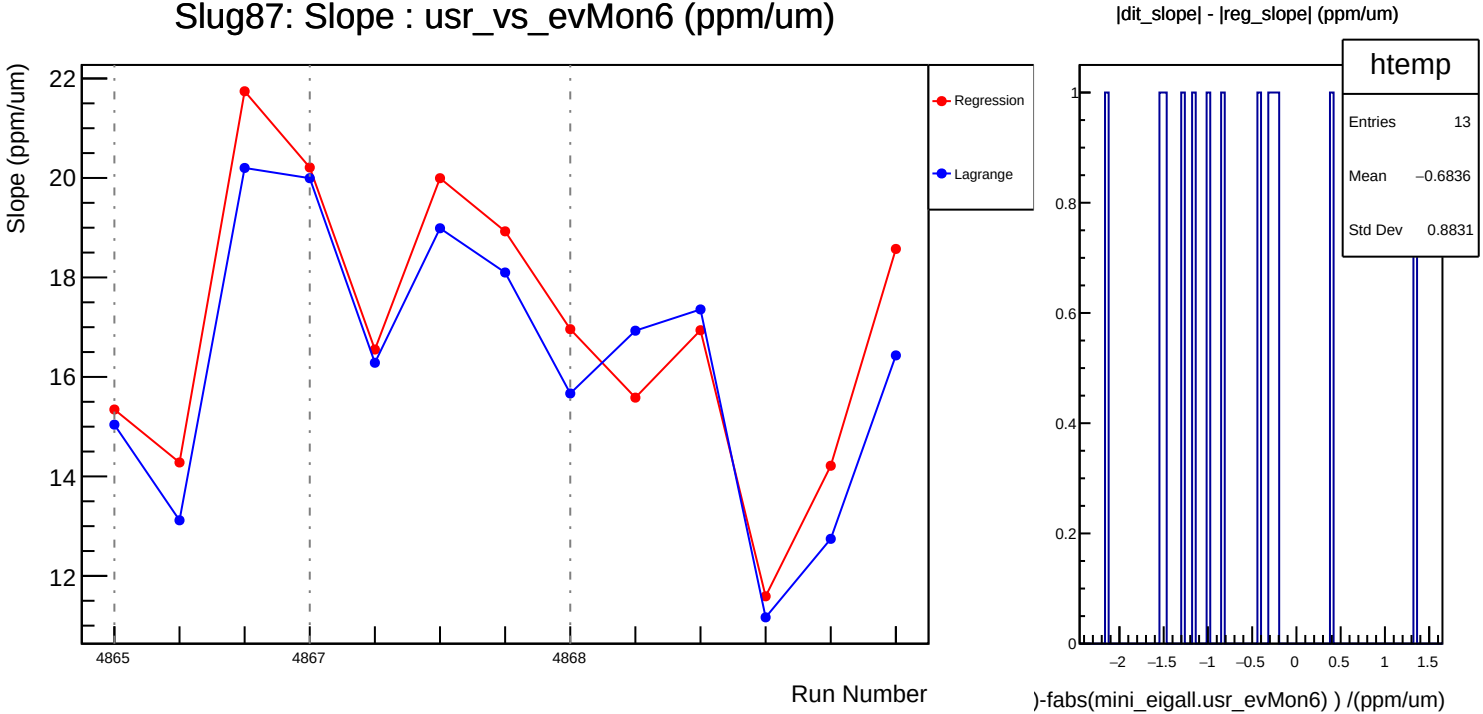

Slug87: Slope : usr_vs_evMon1 (ppm/um)
Slope (ppm/um)
−22.8
−23
−23.2
−23.4
−23.6
−23.8
−24
−24.2
−24.4
−24.6
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.05117
Std Dev 0.2625
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.6
−0.4
−0.2
0
0.2
0.4
)-fabs(mini_eigall.usr_evMon1)) /(ppm/um)

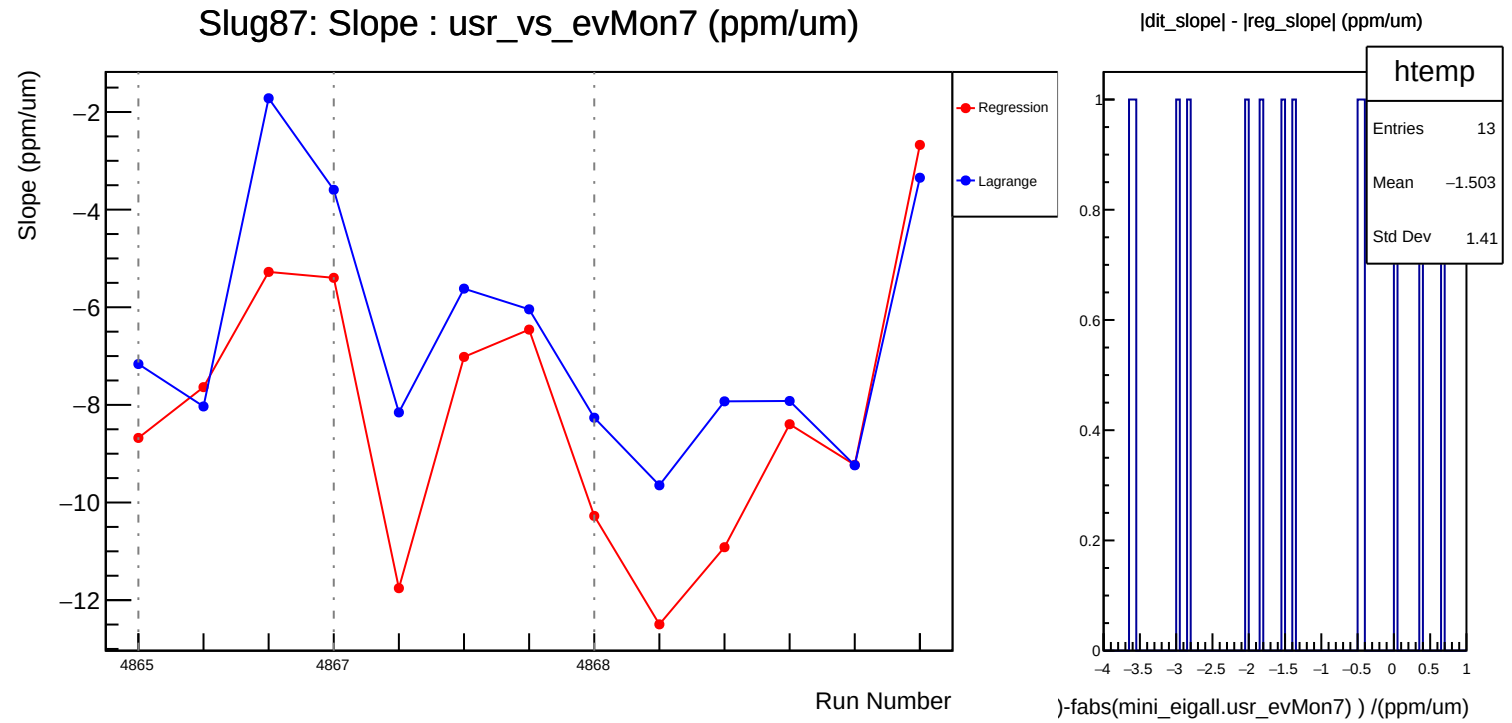

Slug87: Slope : usr_vs_evMon2 (ppm/um)
Slope (ppm/um)
−31
−32
−33
−34
−35
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean 0.7127
Std Dev 0.4169
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
)-fabs(mini_eigall.usr_evMon2)) /(ppm/um)

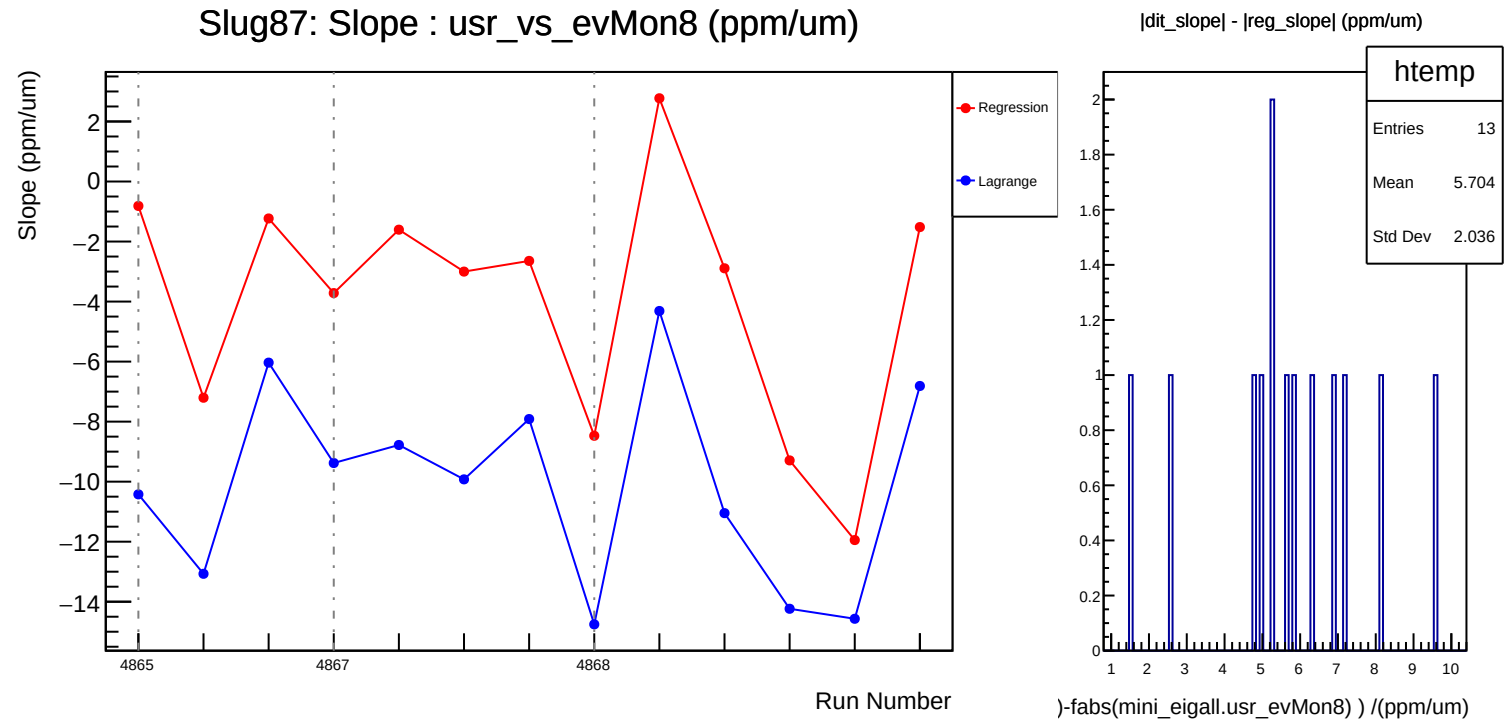

Slug87: Slope : usr_vs_evMon3 (ppm/um)
Slope (ppm/um)
Run Number
Regression
Lagrange
4865
4867
4868
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean 0.5854
Std Dev 1.215
)-fabs(mini_eigall.usr_evMon3)) /(ppm/um)

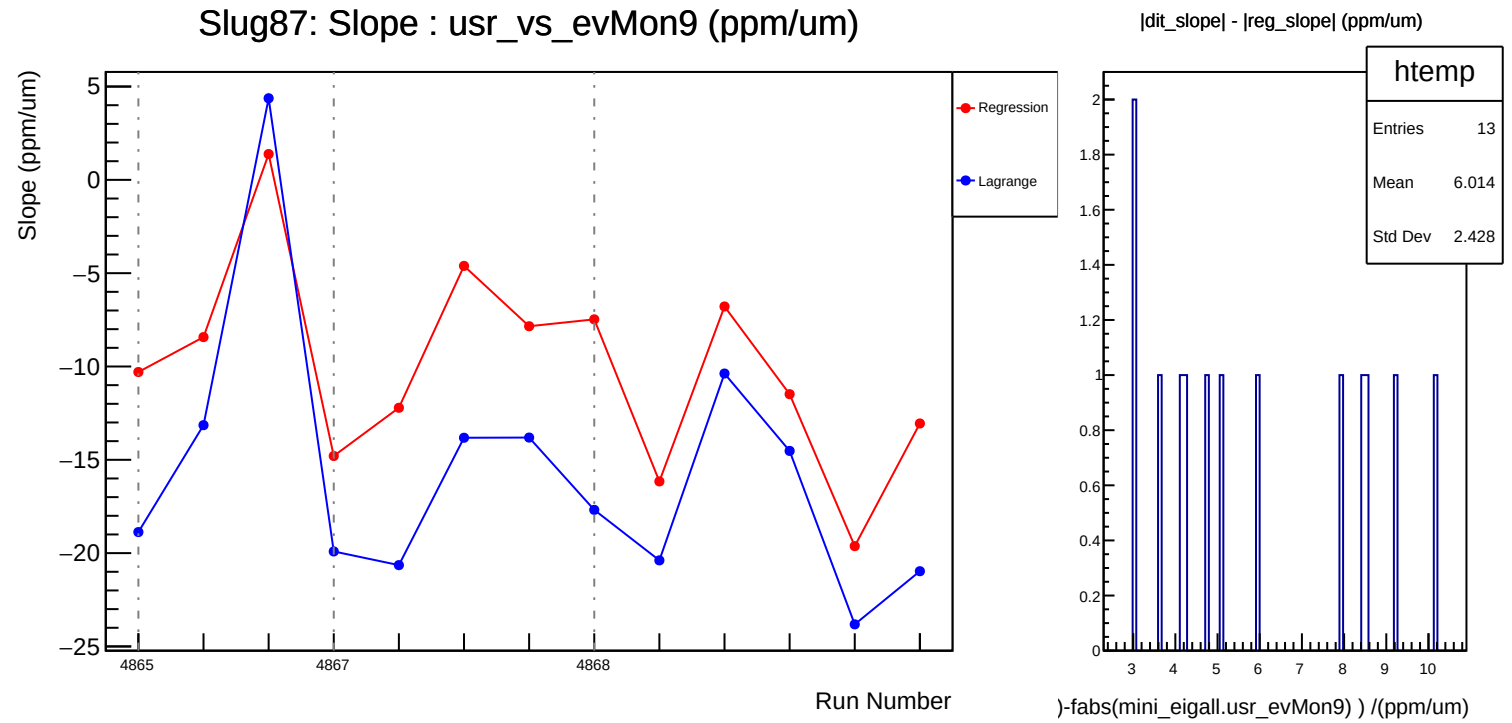

Slug87: Slope : usr_vs_evMon4 (ppm/um)
Slope (ppm/um)
−13.5
−14
−14.5
−15
−15.5
−16
−16.5
−17
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.3491
Std Dev 0.5368
1
0.8
0.6
0.4
0.2
0
−1.2 −1 −0.8 −0.6 −0.4 −0.2 0 0.2 0.4 0.6
)-fabs(mini_eigall.usr_evMon4)) /(ppm/um)

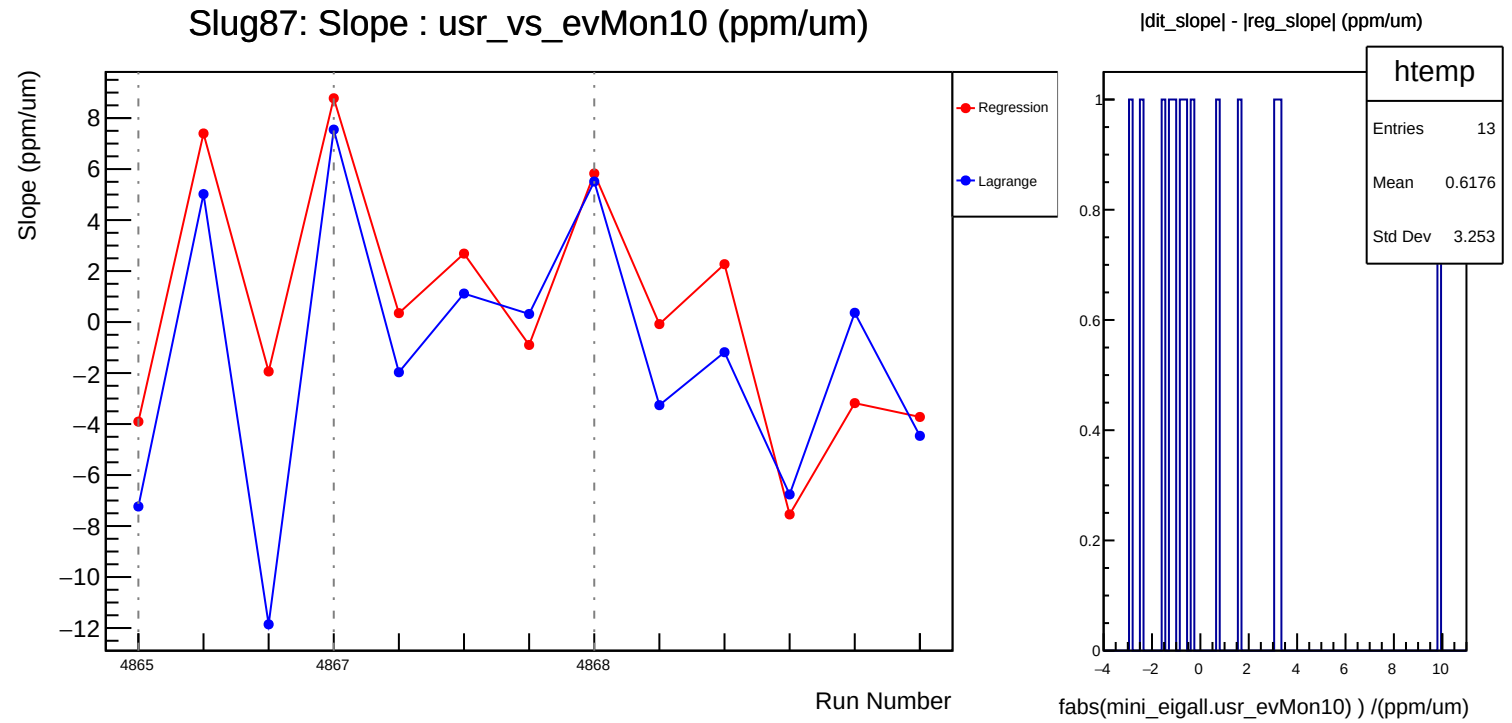

Slug87: Slope : usr_vs_evMon5 (ppm/um)
Slope (ppm/um)
−2
−3
−4
−5
−6
−7
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean 1.819
Std Dev 0.7533
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0
0.5
1
1.5
2
2.5
3
)-fabs(mini_eigall.usr_evMon5)) /(ppm/um)

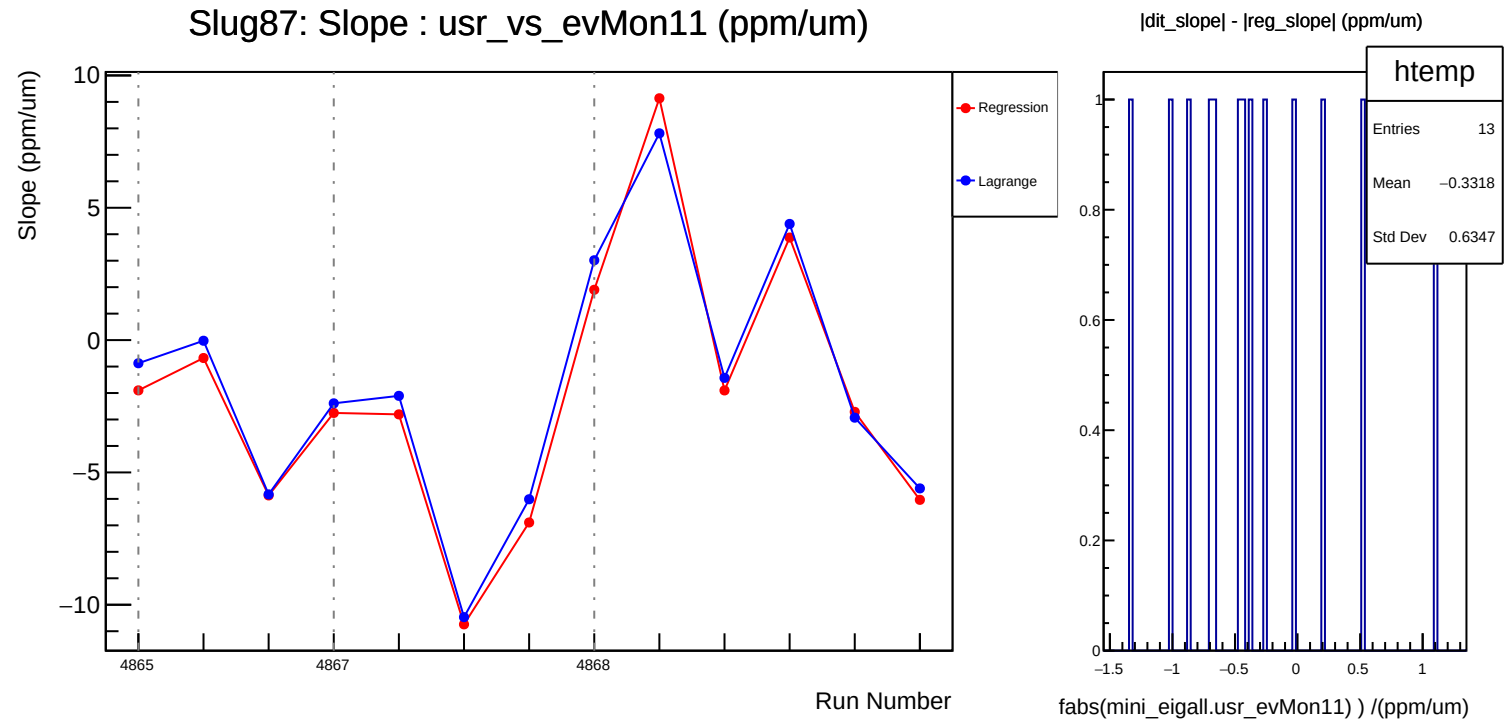

Slug87: Slope : usr_vs_evMon6 (ppm/um)
Slope (ppm/um)
22
20
18
16
14
12
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.6836
Std Dev 0.8831
1
0.8
0.6
0.4
0.2
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
)-fabs(mini_eigall.usr_evMon6)) /(ppm/um)


Slug87: Slope : usr_vs_evMon7 (ppm/um)
Slope (ppm/um)
−2
−4
−6
−8
−10
−12
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −1.503
Std Dev 1.41
1
0.8
0.6
0.4
0.2
0
−4 −3.5 −3 −2.5 −2 −1.5 −1 −0.5 0 0.5 1
)-fabs(mini_eigall.usr_evMon7)) /(ppm/um)


Slug87: Slope : usr_vs_evMon8 (ppm/um)
Slope (ppm/um)
Regression
Lagrange
Run Number
4865
4867
4868
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean 5.704
Std Dev 2.036
)-fabs(mini_eigall.usr_evMon8)) /(ppm/um)


Slug87: Slope : usr_vs_evMon9 (ppm/um)
Slope (ppm/um)
5
0
−5
−10
−15
−20
−25
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean 6.014
Std Dev 2.428
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3
4
5
6
7
8
9
10
)-fabs(mini_eigall.usr_evMon9)) /(ppm/um)


Slug87: Slope : usr_vs_evMon10 (ppm/um)
Slope (ppm/um)
Run Number
Regression
Lagrange
4865
4867
4868
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean 0.6176
Std Dev 3.253
fabs(mini_eigall.usr_evMon10)) /(ppm/um)


Slug87: Slope : usr_vs_evMon11 (ppm/um)
Slope (ppm/um)
10
5
0
−5
−10
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.3318
Std Dev 0.6347
1
0.8
0.6
0.4
0.2
0
−1.5
−1
−0.5
0
0.5
1
fabs(mini_eigall.usr_evMon11)) /(ppm/um)