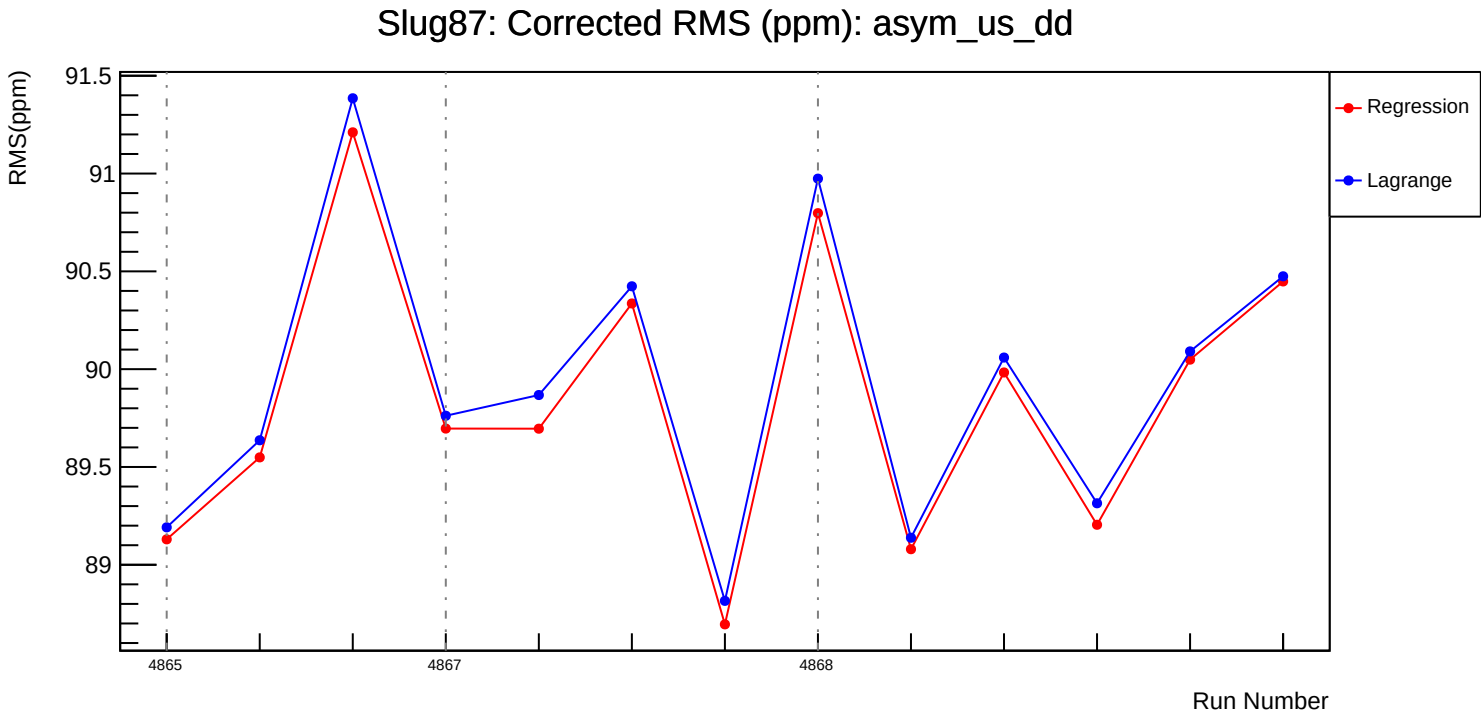
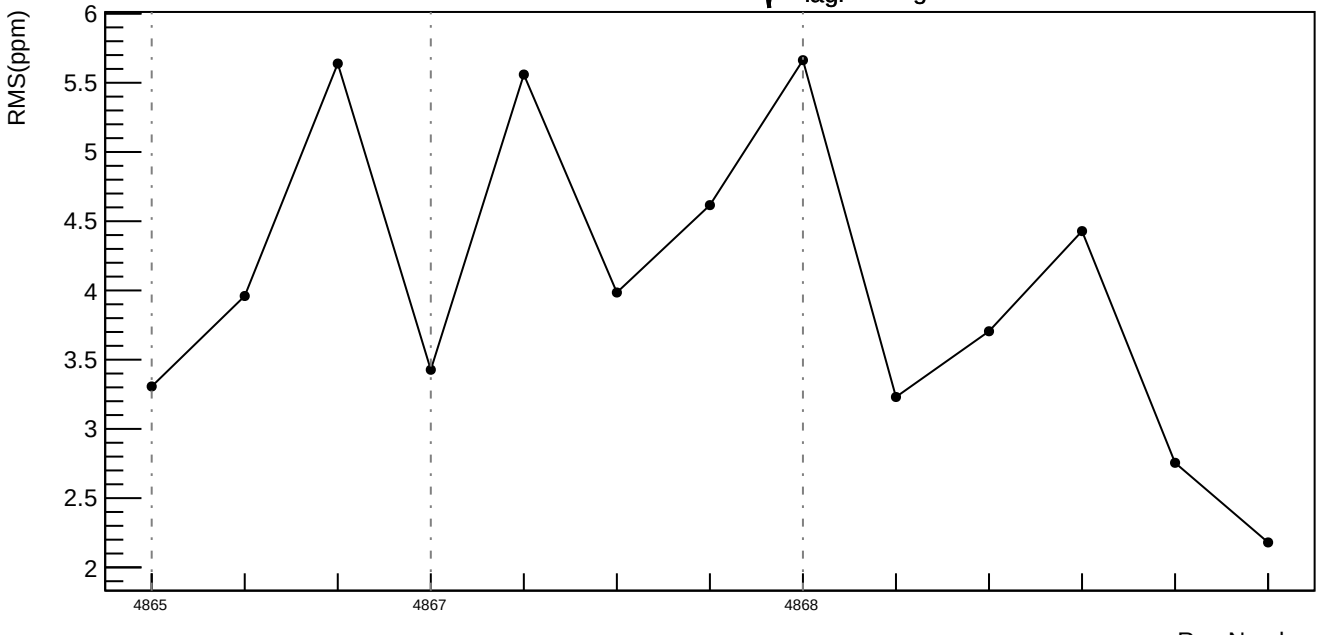
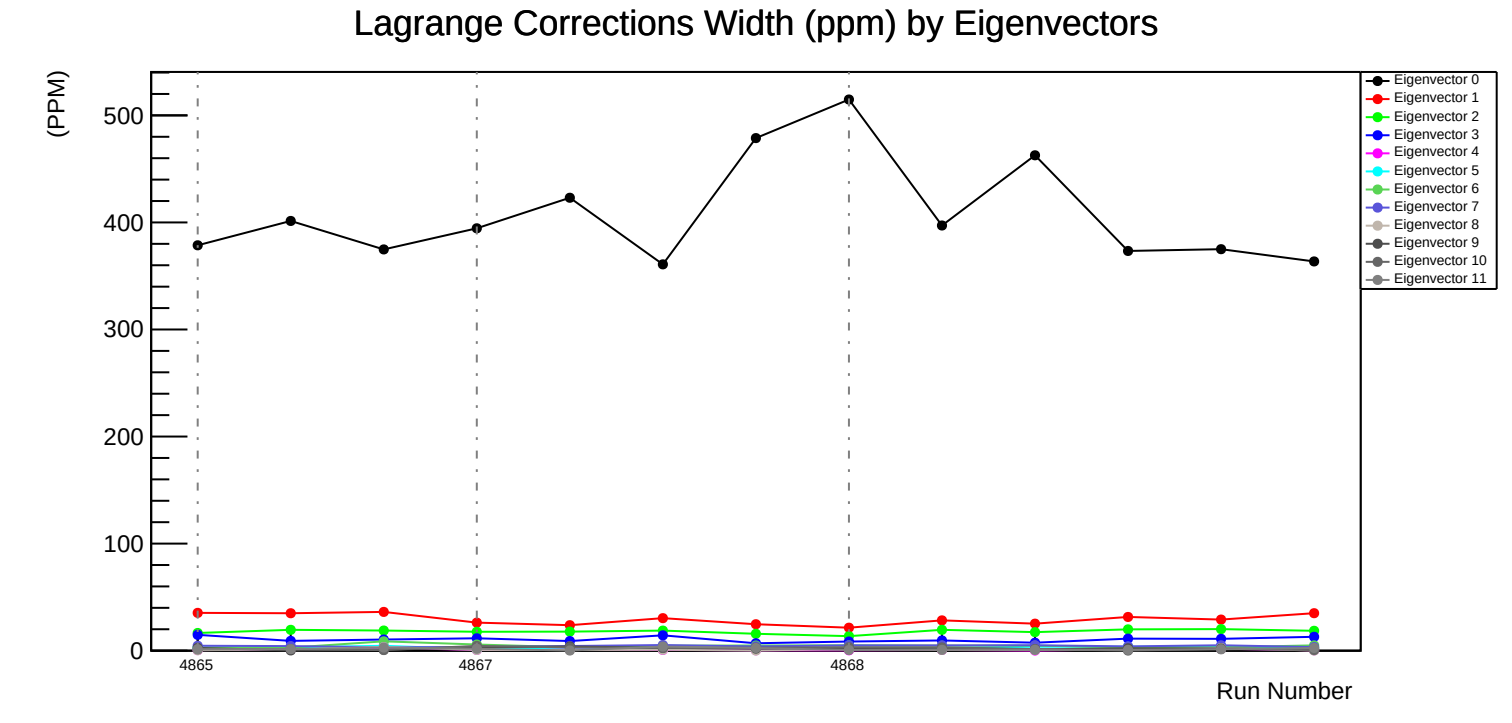
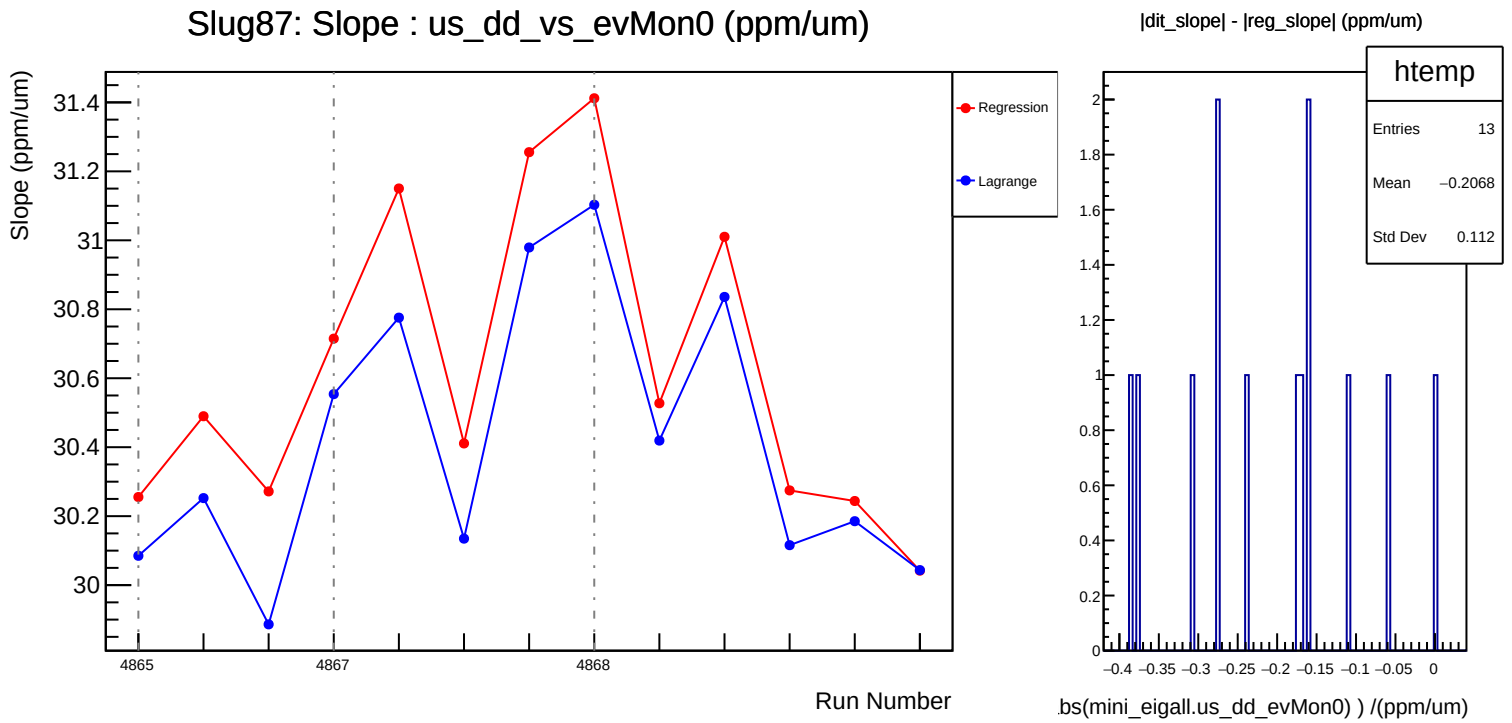
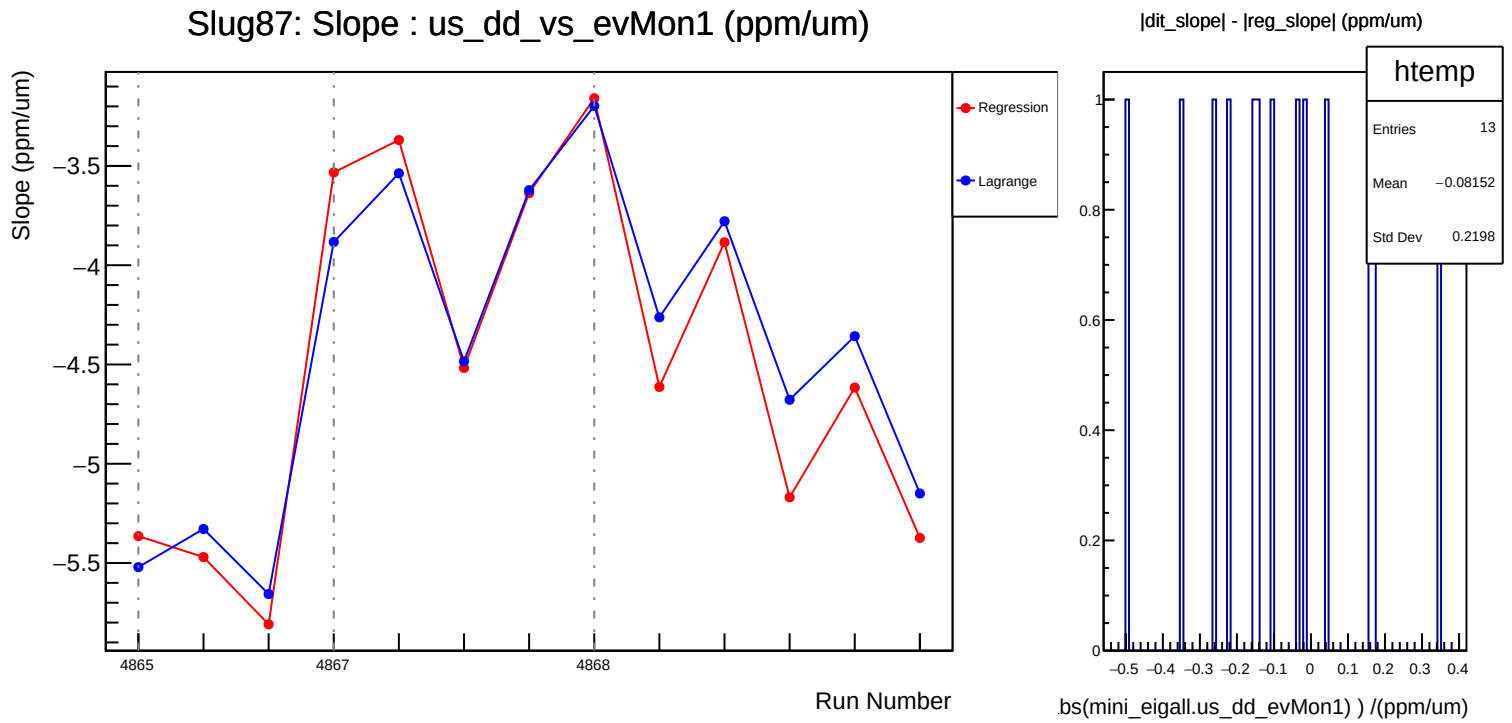
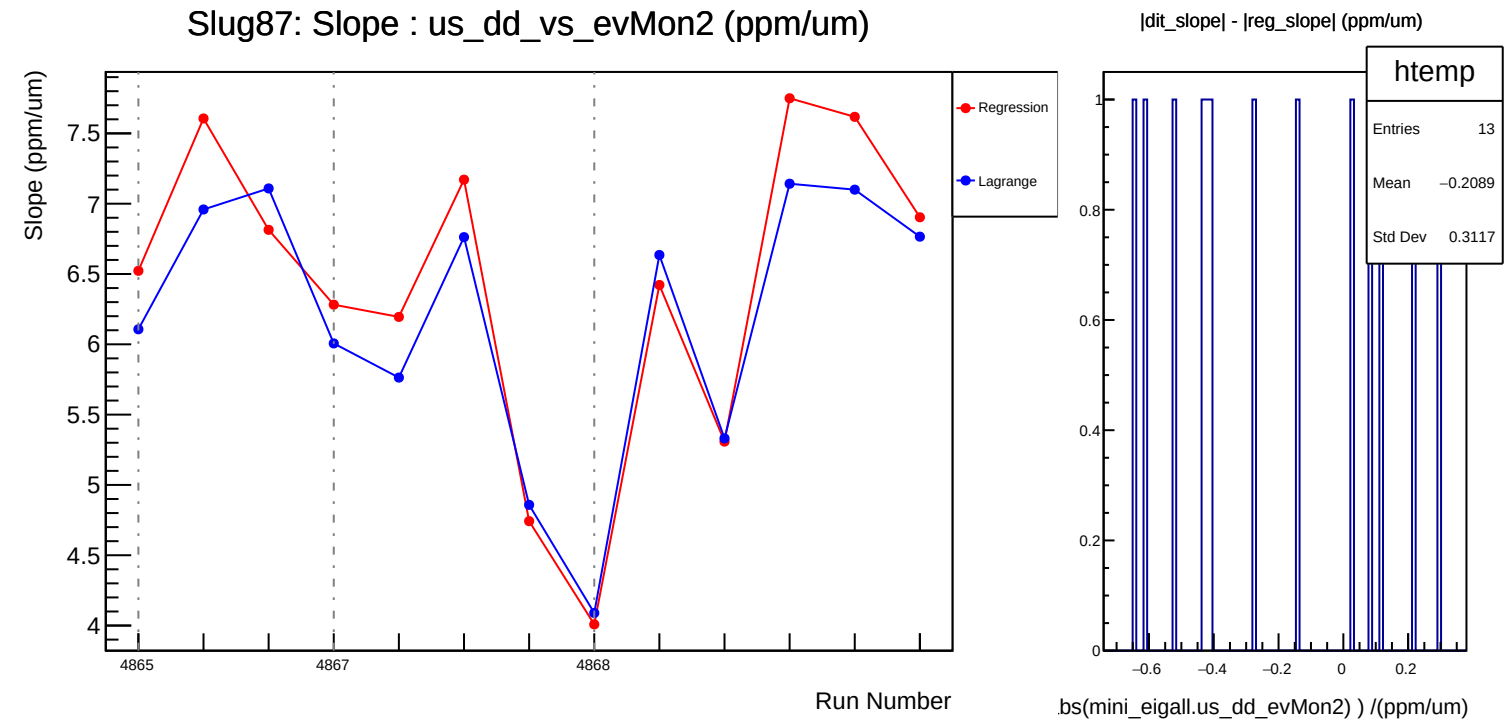

Slug87: Corrected RMS (ppm): asym_us_dd
RMS(ppm)
91.5
91
90.5
90
89.5
89
4865
4867
4868
Run Number
Regression
Lagrange

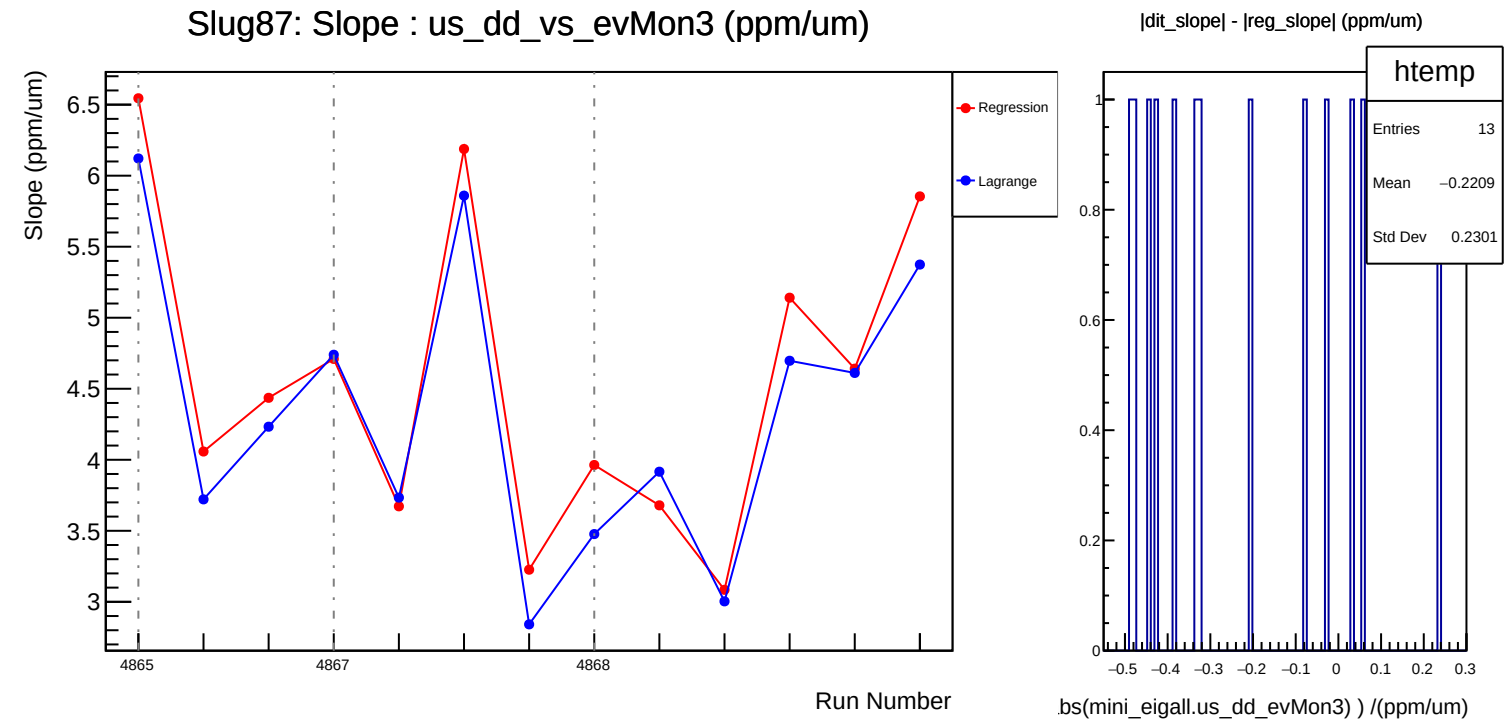

Slug87: asym_us_dd: $\sqrt{\sigma^2_{lagr} - \sigma^2_{reg}}$ (ppm)
RMS(ppm)
6
5.5
5
4.5
4
3.5
3
2.5
2
4865
4867
4868
Run Number

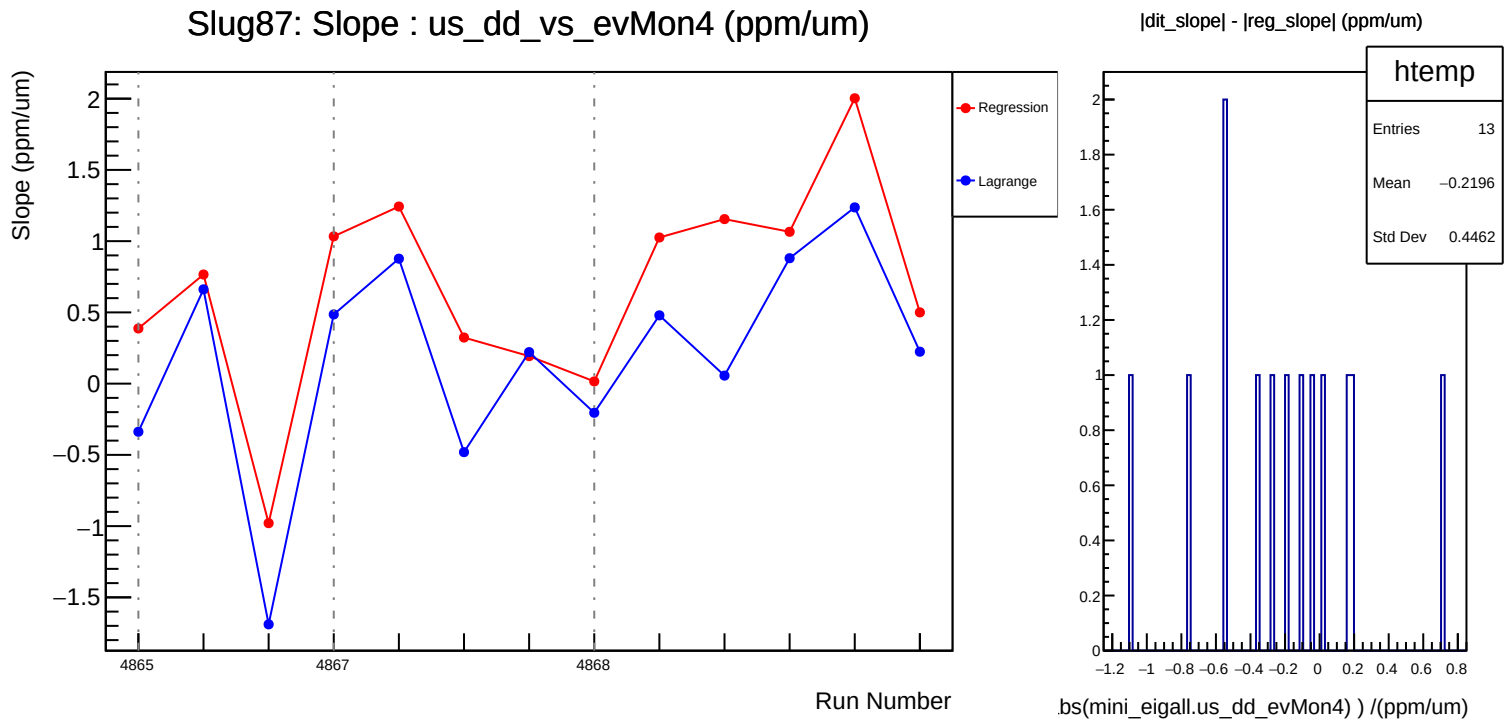

Lagrange Corrections Width (ppm) by Eigenvectors
(PPM)
500
400
300
200
100
0
4865
4867
4868
Run Number
Eigenvector 0
Eigenvector 1
Eigenvector 2
Eigenvector 3
Eigenvector 4
Eigenvector 5
Eigenvector 6
Eigenvector 7
Eigenvector 8
Eigenvector 9
Eigenvector 10
Eigenvector 11

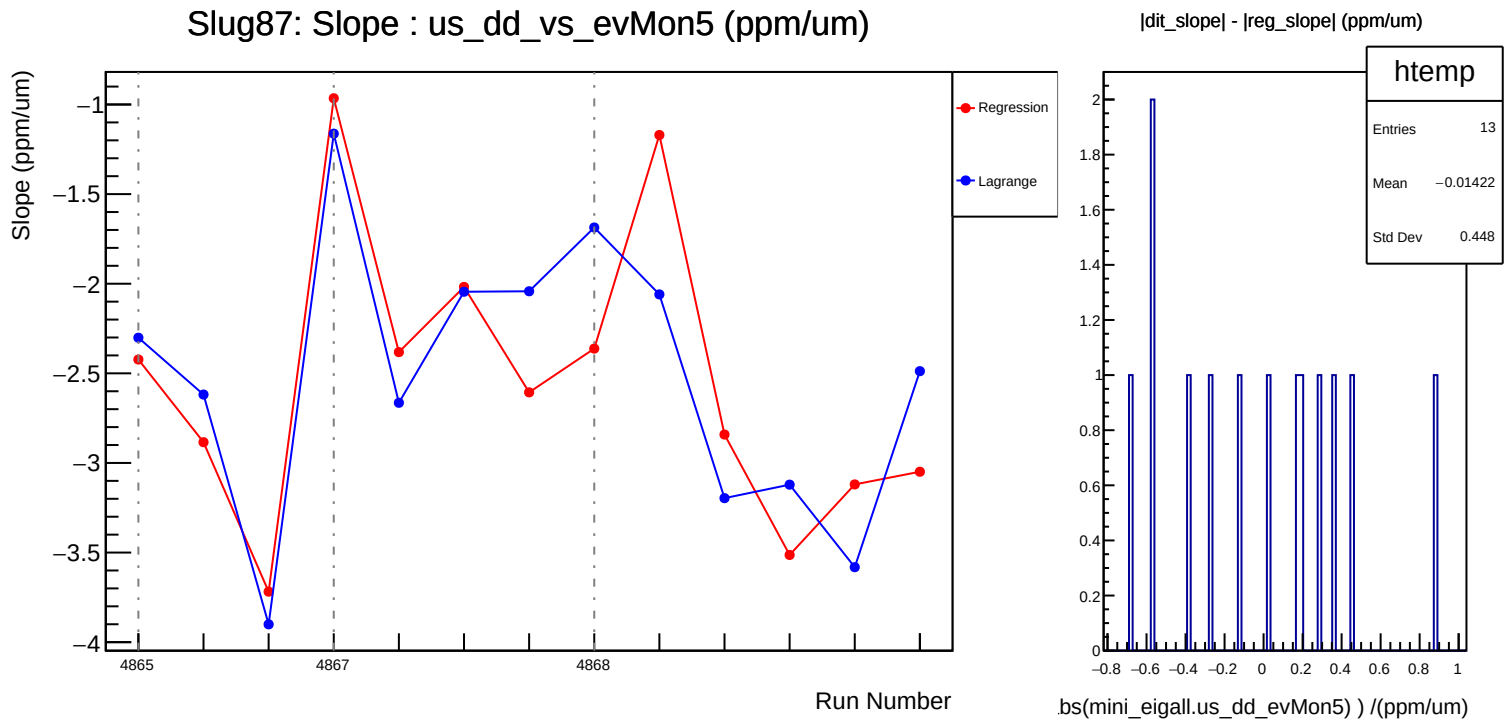

Slug87: Slope : us_dd_vs_evMon0 (ppm/um)
Slope (ppm/um)
31.4
31.2
31
30.8
30.6
30.4
30.2
30
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.2068
Std Dev 0.112
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4 −0.35 −0.3 −0.25 −0.2 −0.15 −0.1 −0.05 0
bs(mini_eigall.us_dd_evMon0)) /(ppm/um)

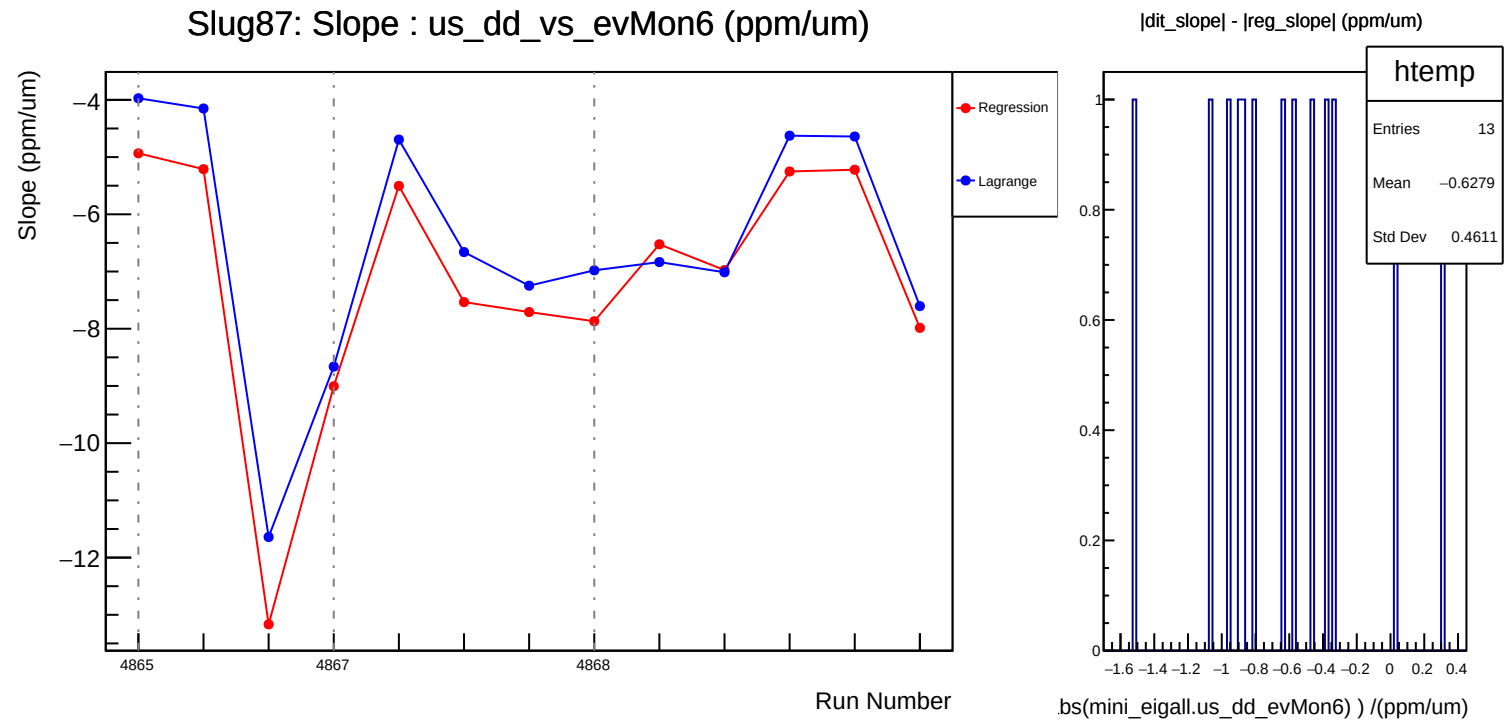

Slug87: Slope : us_dd_vs_evMon1 (ppm/um)
Slope (ppm/um)
−3.5
−4
−4.5
−5
−5.5
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.08152
Std Dev 0.2198
1
0.8
0.6
0.4
0.2
0
−0.5 −0.4 −0.3 −0.2 −0.1 0 0.1 0.2 0.3 0.4
bs(mini_eigall.us_dd_evMon1)) /(ppm/um)

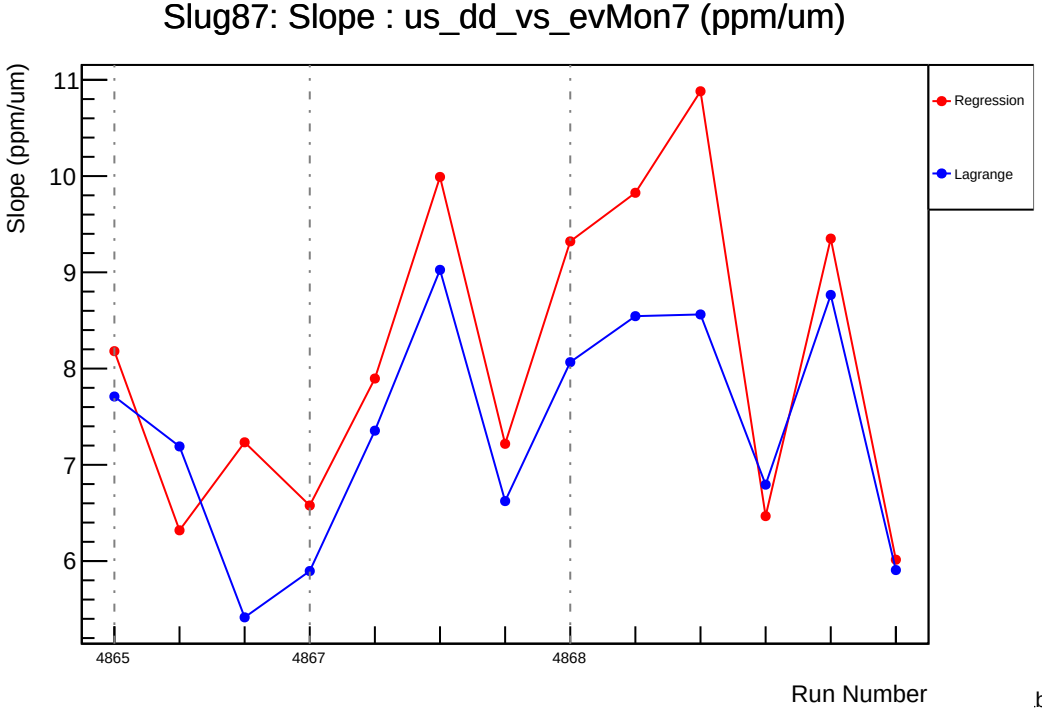

Slug87: Slope : us_dd_vs_evMon2 (ppm/um)
Slope (ppm/um)
7.5
7
6.5
6
5.5
5
4.5
4
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.2089
Std Dev 0.3117
1
0.8
0.6
0.4
0.2
0
−0.6
−0.4
−0.2
0
0.2
bs(mini_eigall.us_dd_evMon2)) /(ppm/um)

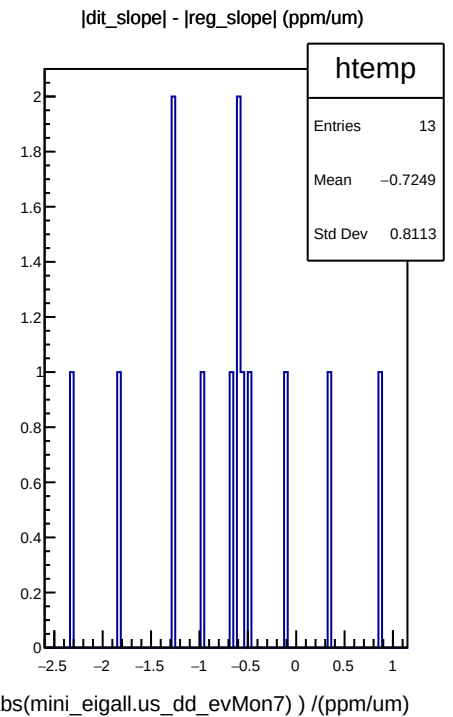

Slug87: Slope : us_dd_vs_evMon3 (ppm/um)
Slope (ppm/um)
6.5
6
5.5
5
4.5
4
3.5
3
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.2209
Std Dev 0.2301
1
0.8
0.6
0.4
0.2
0
−0.5 −0.4 −0.3 −0.2 −0.1 0 0.1 0.2 0.3
bs(mini_eigall.us_dd_evMon3)) /(ppm/um)

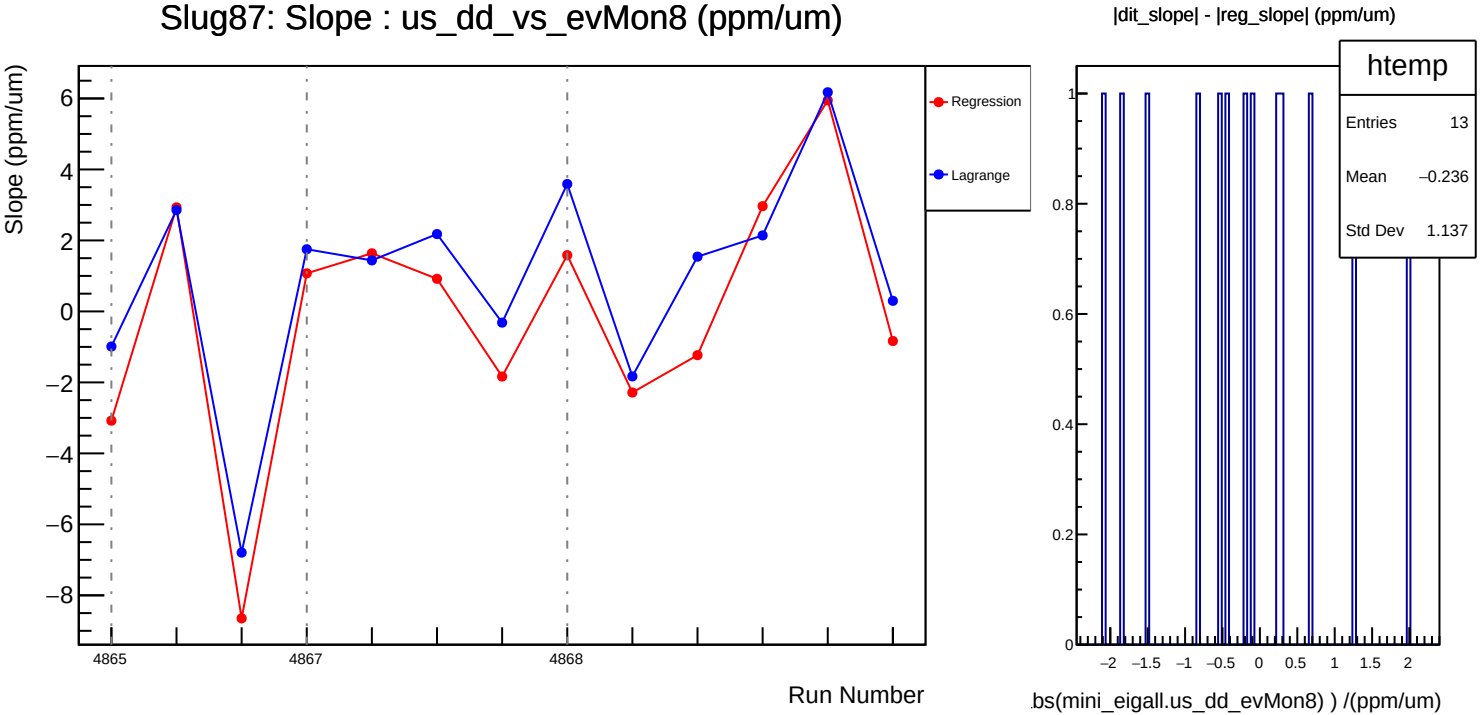

Slug87: Slope : us_dd_vs_evMon4 (ppm/um)
Slope (ppm/um)
Run Number
Regression
Lagrange
4865
4867
4868
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.2196
Std Dev 0.4462
bs(mini_eigall.us_dd_evMon4)) /(ppm/um)

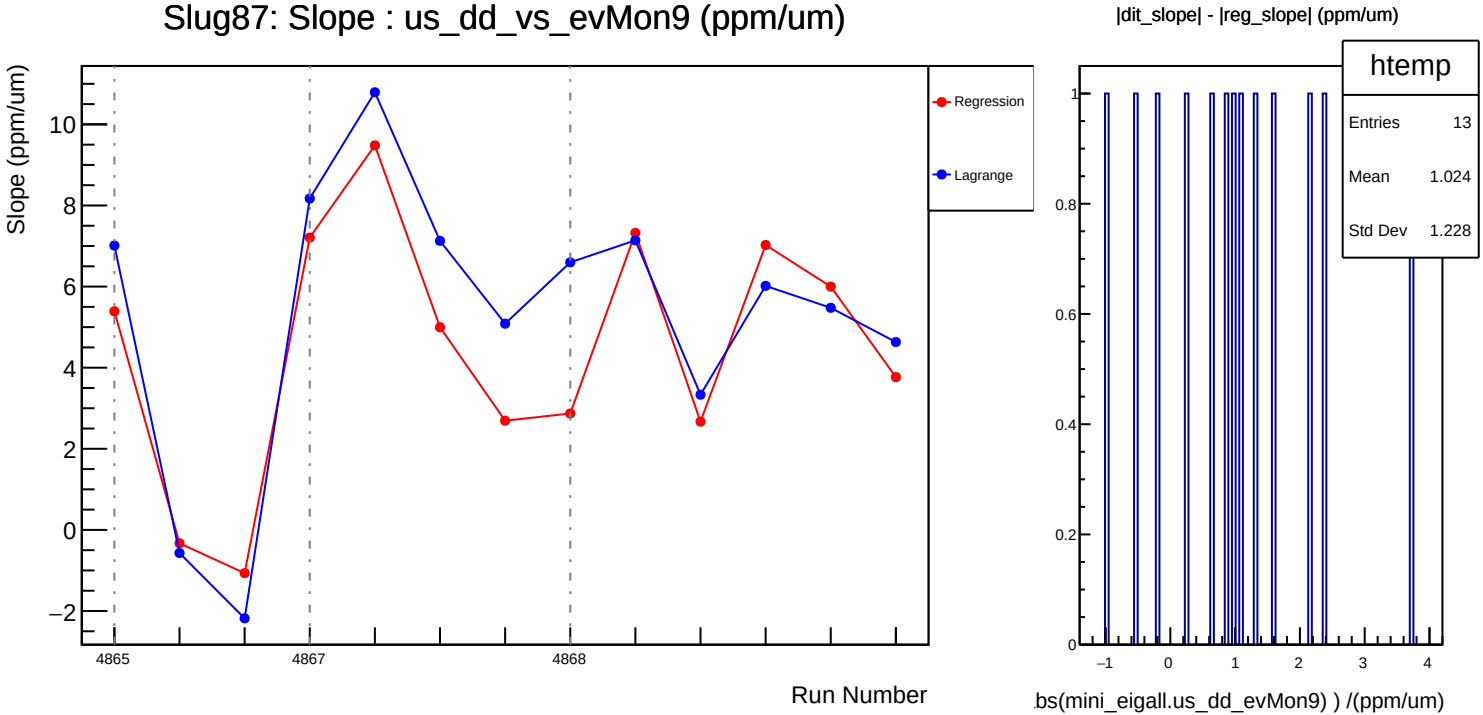

Slug87: Slope : us_dd_vs_evMon5 (ppm/um)
Slope (ppm/um)
−1
−1.5
−2
−2.5
−3
−3.5
−4
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.01422
Std Dev 0.448
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.8 −0.6 −0.4 −0.2 0 0.2 0.4 0.6 0.8 1
bs(mini_eigall.us_dd_evMon5)) /(ppm/um)

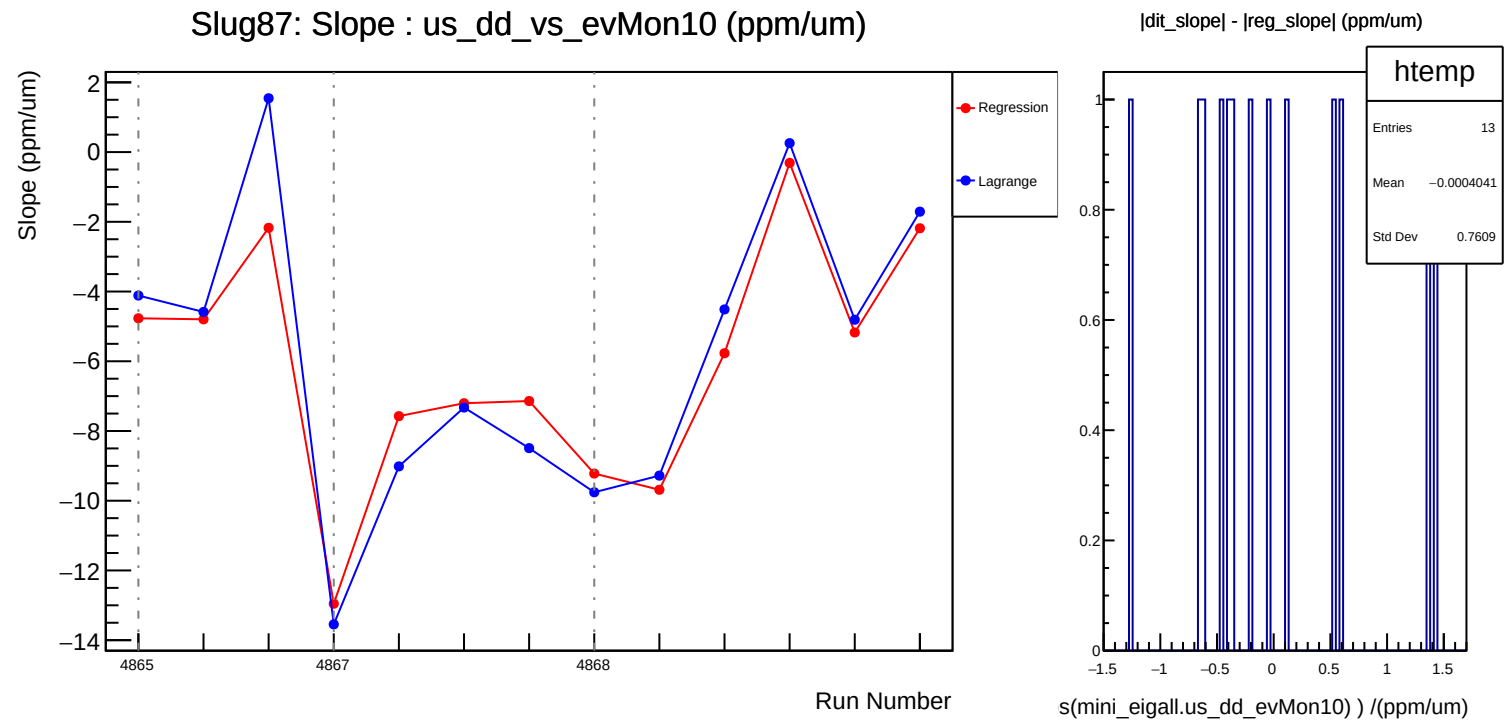

Slug87: Slope : us_dd_vs_evMon6 (ppm/um)
Slope (ppm/um)
−4
−6
−8
−10
−12
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.6279
Std Dev 0.4611
1
0.8
0.6
0.4
0.2
0
−1.6 −1.4 −1.2 −1 −0.8 −0.6 −0.4 −0.2 0 0.2 0.4
bs(mini_eigall.us_dd_evMon6)) /(ppm/um)

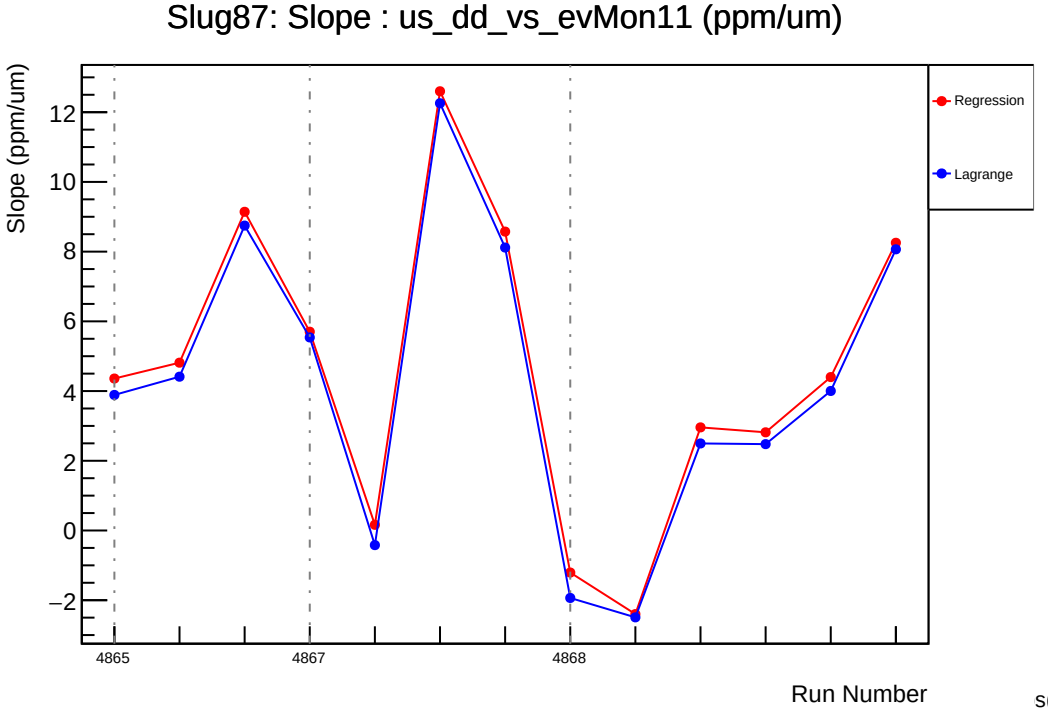

Slug87: Slope : us_dd_vs_evMon7 (ppm/um)
Slope (ppm/um)
11
10
9
8
7
6
4865
4867
4868
Run Number
Regression
Lagrange

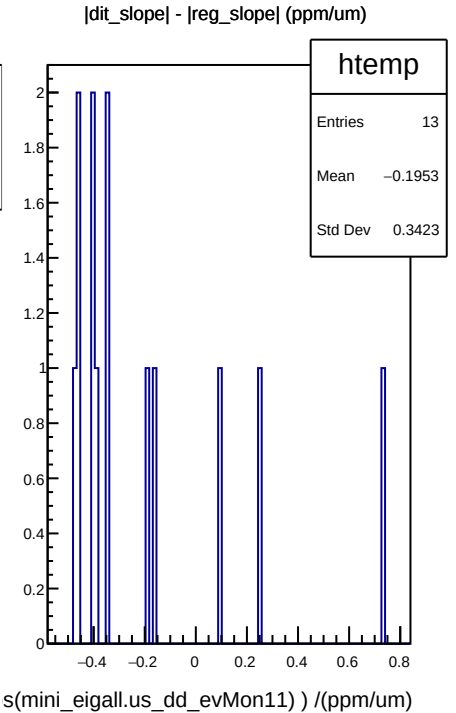

|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.7249
Std Dev 0.8113
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−2.5
−2
−1.5
−1
−0.5
0
0.5
1
bs(mini_eigall.us_dd_evMon7)) /(ppm/um)


Slug87: Slope : us_dd_vs_evMon8 (ppm/um)
Slope (ppm/um)
6
4
2
0
−2
−4
−6
−8
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.236
Std Dev 1.137
1
0.8
0.6
0.4
0.2
0
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2
bs(mini_eigall.us_dd_evMon8)) /(ppm/um)


Slug87: Slope : us_dd_vs_evMon9 (ppm/um)
Slope (ppm/um)
10
8
6
4
2
0
−2
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean 1.024
Std Dev 1.228
1
0.8
0.6
0.4
0.2
0
−1
0
1
2
3
4
bs(mini_eigall.us_dd_evMon9)) /(ppm/um)


Slug87: Slope : us_dd_vs_evMon10 (ppm/um)
Slope (ppm/um)
2
0
−2
−4
−6
−8
−10
−12
−14
4865
4867
4868
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.0004041
Std Dev 0.7609
1
0.8
0.6
0.4
0.2
0
−1.5
−1
−0.5
0
0.5
1
1.5
s(mini_eigall.us_dd_evMon10)) /(ppm/um)


Slug87: Slope : us_dd_vs_evMon11 (ppm/um)
Slope (ppm/um)
12
10
8
6
4
2
0
−2
4865
4867
4868
Run Number
Regression
Lagrange


|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 13
Mean −0.1953
Std Dev 0.3423
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
s(mini_eigall.us_dd_evMon11)) /(ppm/um)