

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051424\  
 Data File : PP064902.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 May 2024 13:41  
 Operator : YP\AJ  
 Sample : P2403-02  
 Misc : AR1232 LOQ 50 PPB  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 14 14:29:04 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051324.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 14 06:05:56 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|-------|--------|----------|----------|--------|----------|
| -----                       |                 |       |        |          |          |        |          |
| System Monitoring Compounds |                 |       |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 4.254 | 3.370  | 29698641 | 41119184 | 15.615 | 18.266   |
| 2)                          | SA Decachlor... | 9.905 | 8.263  | 12940298 | 32879037 | 18.022 | 18.772   |
| Target Compounds            |                 |       |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.439 | 4.425  | 1232751  | 1621722  | 29.947 | 21.125 # |
| 4)                          | L1 AR-1016-2    | 5.439 | 4.443  | 1232751  | 2116857  | 19.973 | 19.671   |
| 5)                          | L1 AR-1016-3    | 5.502 | 4.613  | 798399   | 1111893  | 20.357 | 18.762   |
| 6)                          | L1 AR-1016-4    | 5.600 | 4.657  | 523366   | 870727   | 17.456 | 17.924   |
| 7)                          | L1 AR-1016-5    | 5.896 | 4.863  | 491307   | 1274994  | 16.845 | 20.158   |
| 8)                          | L2 AR-1221-1    | 4.462 | 3.579  | 517693   | 751855   | 21.689 | 24.127   |
| 9)                          | L2 AR-1221-2    | 4.551 | 3.661  | 666640   | 1092636  | 40.002 | 46.939   |
| 10)                         | L2 AR-1221-3    | 4.623 | 3.736  | 1531689  | 2287587  | 30.217 | 33.649   |
| 11)                         | L3 AR-1232-1    | 4.623 | 3.736  | 1531689  | 2287587  | 37.228 | 41.766   |
| 12)                         | L3 AR-1232-2    | 5.149 | 4.443  | 660820   | 2116857  | 33.261 | 40.299   |
| 13)                         | L3 AR-1232-3    | 5.439 | 4.613  | 1232751  | 1111893  | 37.291 | 38.533   |
| 14)                         | L3 AR-1232-4    | 5.600 | 4.697  | 523366   | 1088056  | 31.630 | 40.109 # |
| 15)                         | L3 AR-1232-5    | 5.692 | 4.863  | 430606   | 1274994  | 31.264 | 44.610 # |
| 16)                         | L4 AR-1242-1    | 5.417 | 4.425  | 805462   | 1621722  | 23.021 | 24.213   |
| 17)                         | L4 AR-1242-2    | 5.439 | 4.443  | 1232751  | 2116857  | 23.365 | 22.888   |
| 18)                         | L4 AR-1242-3    | 5.502 | 4.613  | 798399   | 1111893  | 23.800 | 21.694   |
| 19)                         | L4 AR-1242-4    | 5.600 | 4.697  | 523366   | 1088056  | 19.799 | 20.685   |
| 20)                         | L4 AR-1242-5    | 6.340 | 5.208  | 473236   | 1177405  | 20.819 | 19.520   |
| 21)                         | L5 AR-1248-1    | 5.417 | 4.425  | 805462   | 1621722  | 31.141 | 32.810   |
| 22)                         | L5 AR-1248-2    | 5.692 | 4.657  | 430606   | 870727   | 11.056 | 12.073   |
| 23)                         | L5 AR-1248-3    | 5.896 | 4.697  | 491307   | 1088056  | 12.205 | 14.273   |
| 24)                         | L5 AR-1248-4    | 6.301 | 4.863  | 476087   | 1274994  | 12.439 | 14.431   |
| 25)                         | L5 AR-1248-5    | 6.340 | 5.248  | 473236   | 1157320  | 12.330 | 14.047   |
| 26)                         | L6 AR-1254-1    | 6.275 | 5.208  | 397891   | 1177405  | 9.285  | 8.995    |
| 27)                         | L6 AR-1254-2    | 6.498 | 0.000  | 565379   | 0        | 9.041  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 6.864 | 5.751  | 519496   | 415967   | 8.201  | 2.352 #  |
| 32)                         | L7 AR-1260-2    | 0.000 | 6.050f | 0        | 283368   | N.D.   | 2.093 #  |
| -----                       |                 |       |        |          |          |        |          |

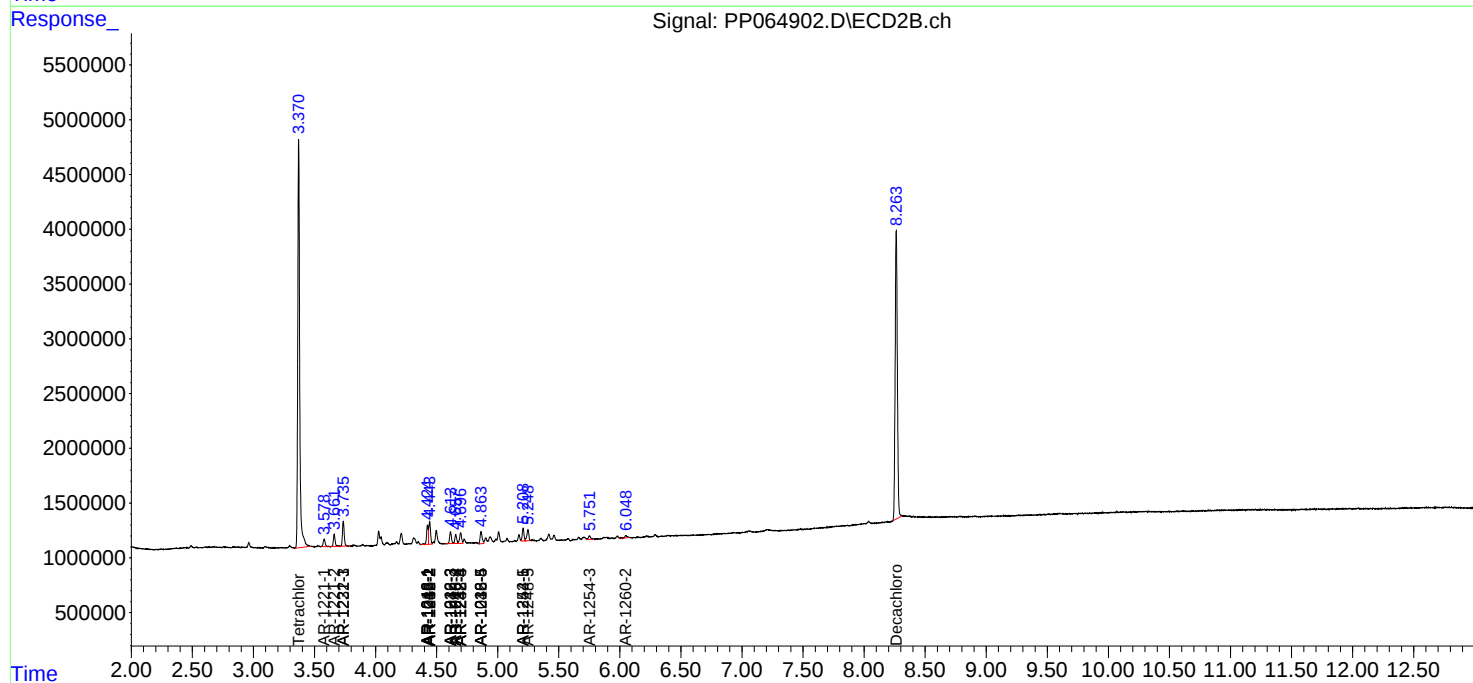
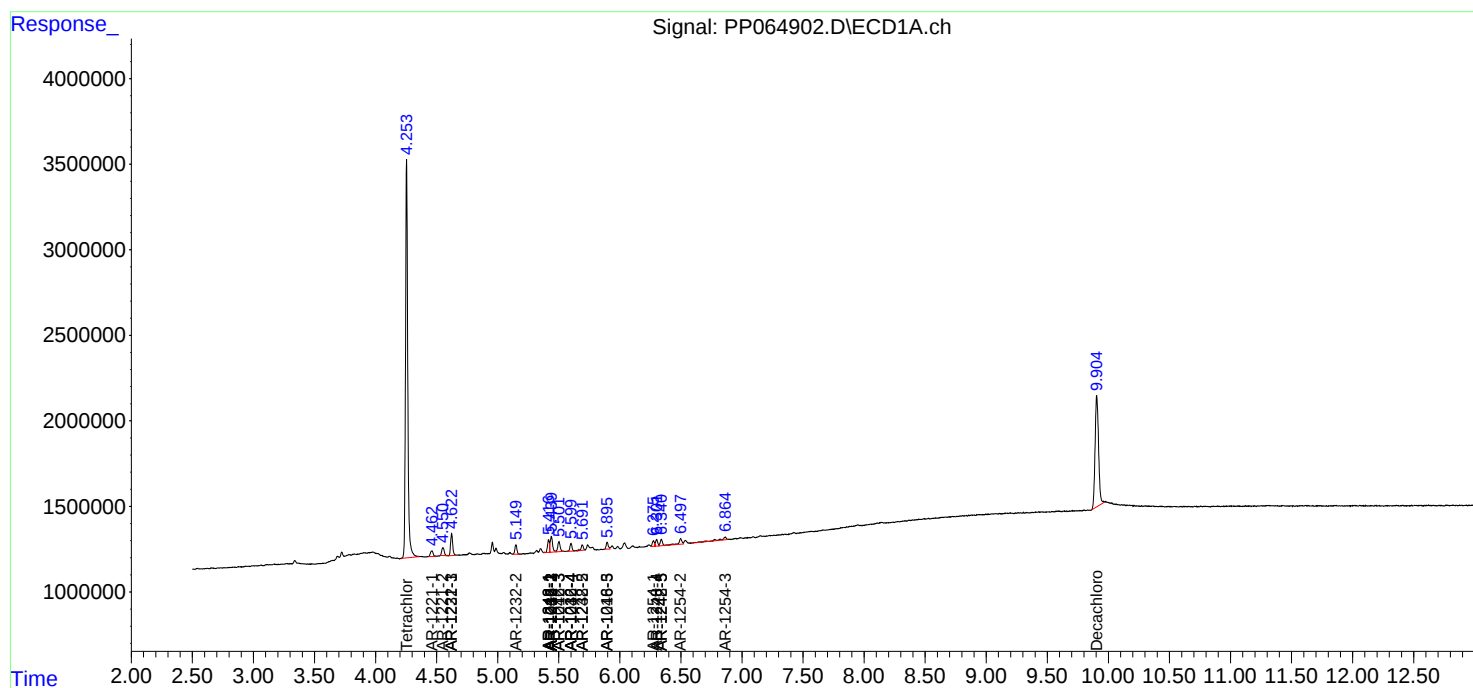
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

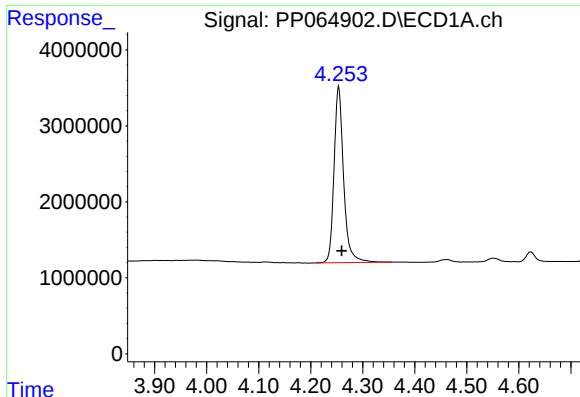
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051424\  
Data File : PP064902.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 May 2024 13:41  
Operator : YP\AJ  
Sample : P2403-02  
Misc : AR1232 LOQ 50 PPB  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 14 14:29:04 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051324.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 14 06:05:56 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

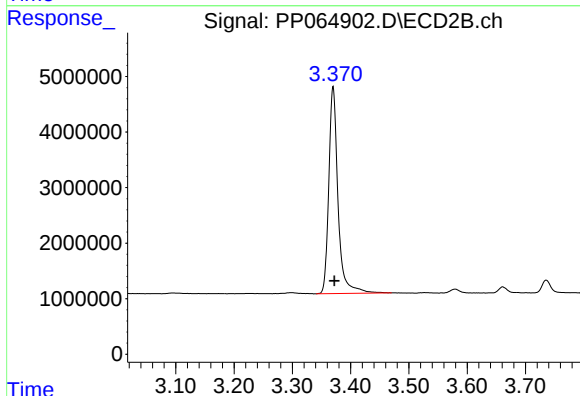




#1 Tetrachloro-m-xylene

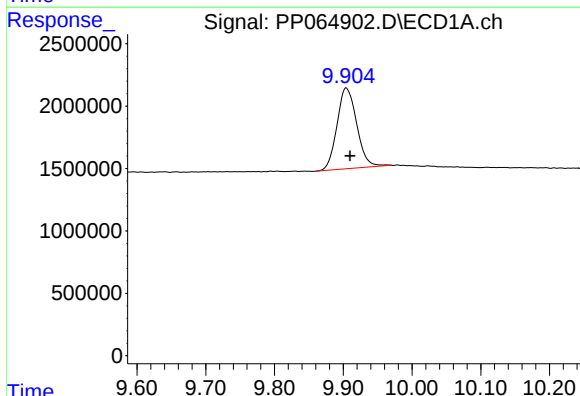
R.T.: 4.254 min  
Delta R.T.: -0.006 min  
Response: 29698641  
Conc: 15.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



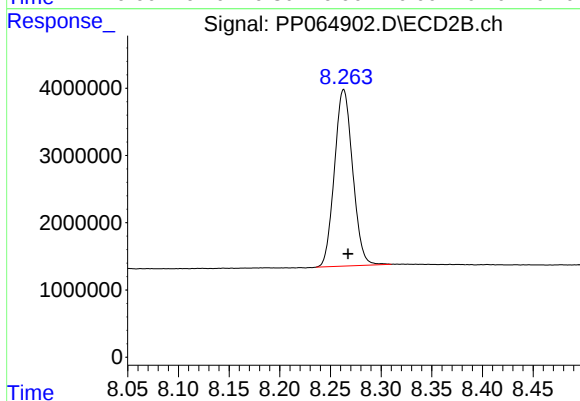
#1 Tetrachloro-m-xylene

R.T.: 3.370 min  
Delta R.T.: -0.002 min  
Response: 41119184  
Conc: 18.27 ng/ml



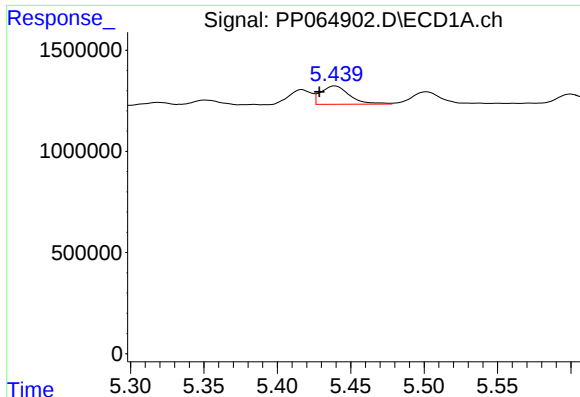
#2 Decachlorobiphenyl

R.T.: 9.905 min  
Delta R.T.: -0.005 min  
Response: 12940298  
Conc: 18.02 ng/ml



#2 Decachlorobiphenyl

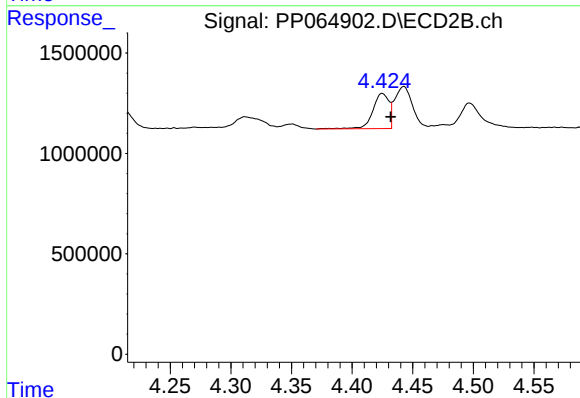
R.T.: 8.263 min  
Delta R.T.: -0.004 min  
Response: 32879037  
Conc: 18.77 ng/ml



#3 AR-1016-1

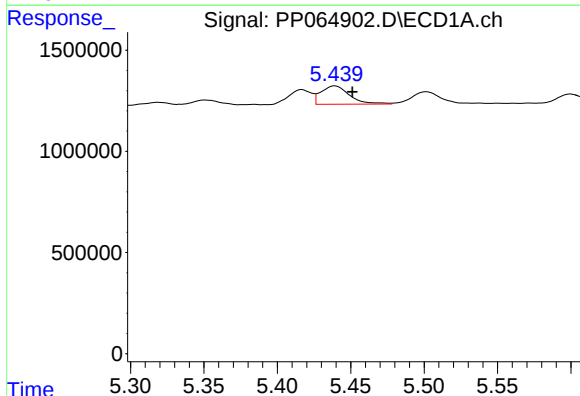
R.T.: 5.439 min  
Delta R.T.: 0.011 min  
Response: 1232751  
Conc: 29.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



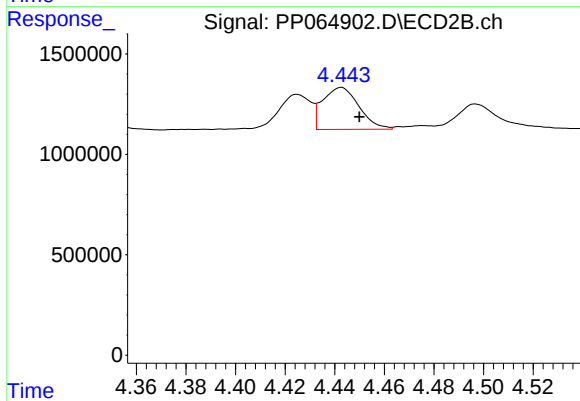
#3 AR-1016-1

R.T.: 4.425 min  
Delta R.T.: -0.007 min  
Response: 1621722  
Conc: 21.12 ng/ml



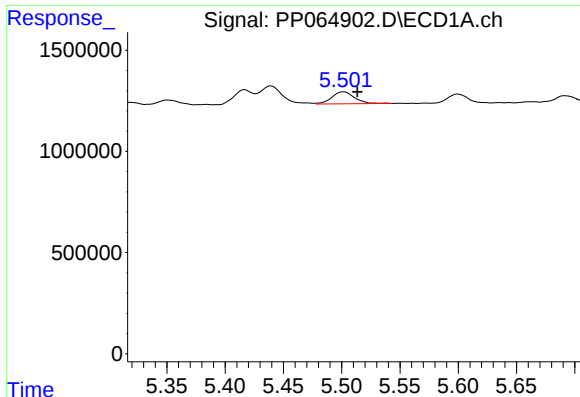
#4 AR-1016-2

R.T.: 5.439 min  
Delta R.T.: -0.012 min  
Response: 1232751  
Conc: 19.97 ng/ml



#4 AR-1016-2

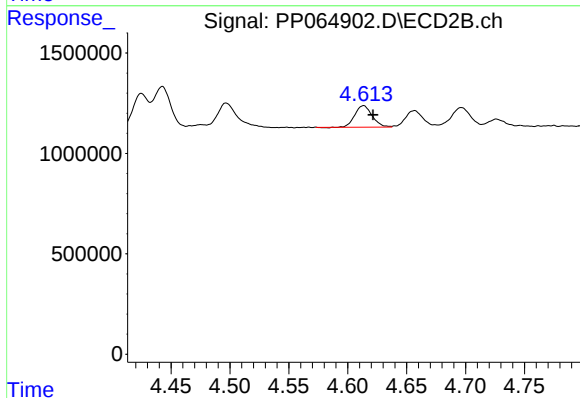
R.T.: 4.443 min  
Delta R.T.: -0.007 min  
Response: 2116857  
Conc: 19.67 ng/ml



#5 AR-1016-3

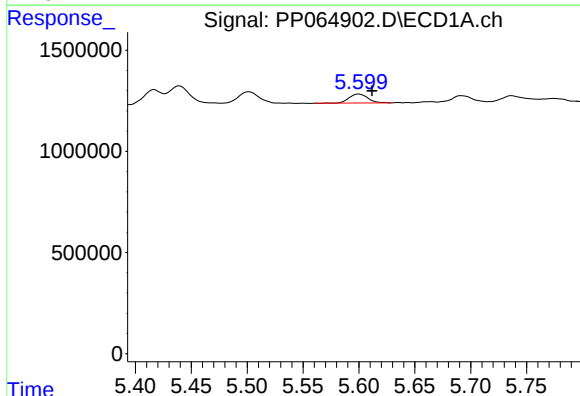
R.T.: 5.502 min  
Delta R.T.: -0.012 min  
Response: 798399  
Conc: 20.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



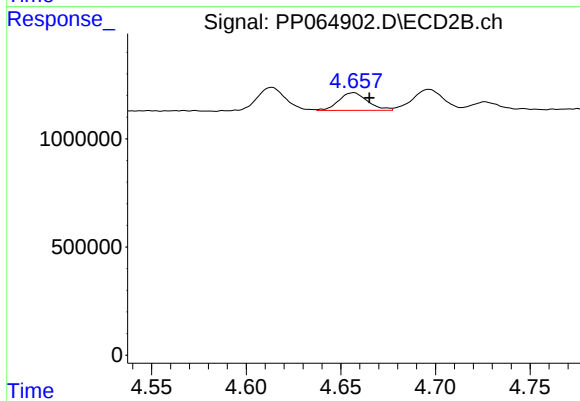
#5 AR-1016-3

R.T.: 4.613 min  
Delta R.T.: -0.008 min  
Response: 1111893  
Conc: 18.76 ng/ml



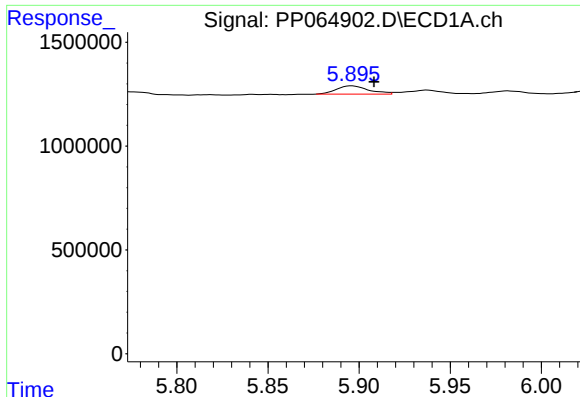
#6 AR-1016-4

R.T.: 5.600 min  
Delta R.T.: -0.012 min  
Response: 523366  
Conc: 17.46 ng/ml



#6 AR-1016-4

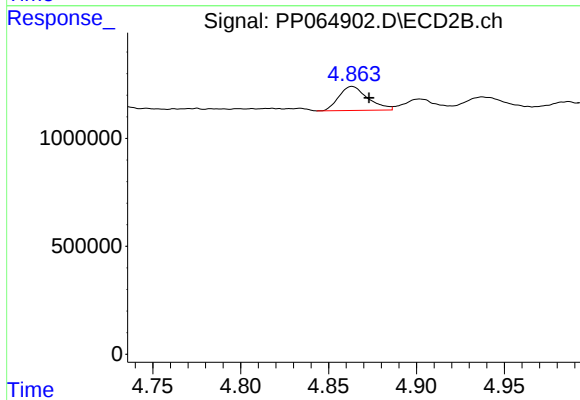
R.T.: 4.657 min  
Delta R.T.: -0.008 min  
Response: 870727  
Conc: 17.92 ng/ml



#7 AR-1016-5

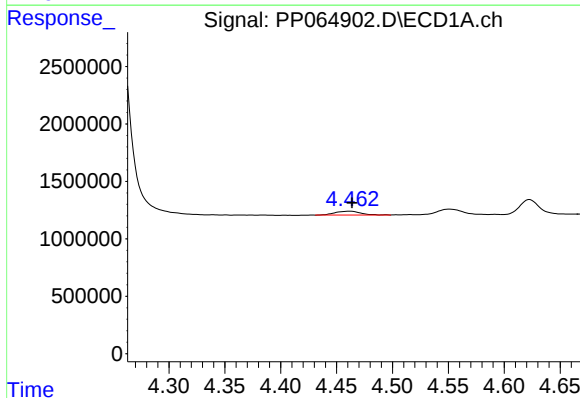
R.T.: 5.896 min  
Delta R.T.: -0.012 min  
Response: 491307  
Conc: 16.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



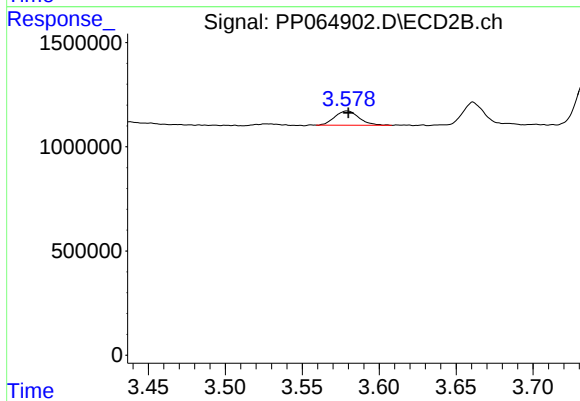
#7 AR-1016-5

R.T.: 4.863 min  
Delta R.T.: -0.010 min  
Response: 1274994  
Conc: 20.16 ng/ml



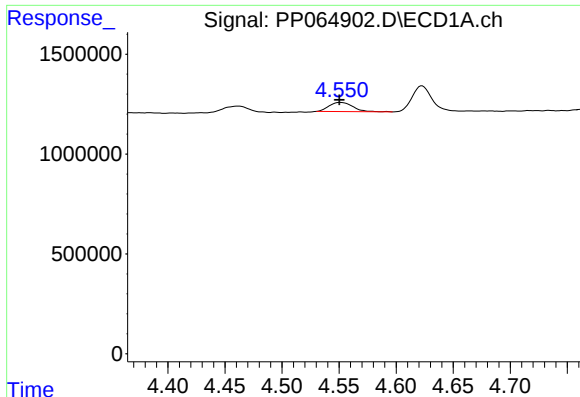
#8 AR-1221-1

R.T.: 4.462 min  
Delta R.T.: -0.002 min  
Response: 517693  
Conc: 21.69 ng/ml



#8 AR-1221-1

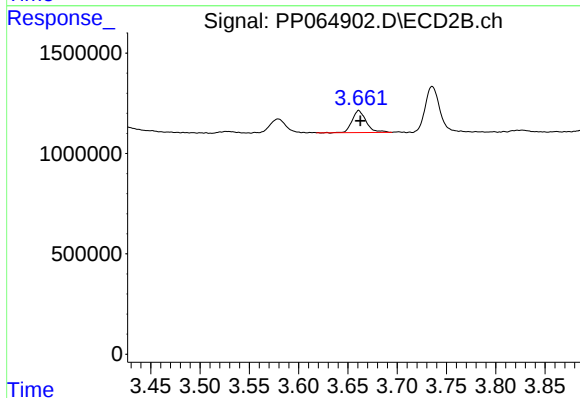
R.T.: 3.579 min  
Delta R.T.: 0.000 min  
Response: 751855  
Conc: 24.13 ng/ml



#9 AR-1221-2

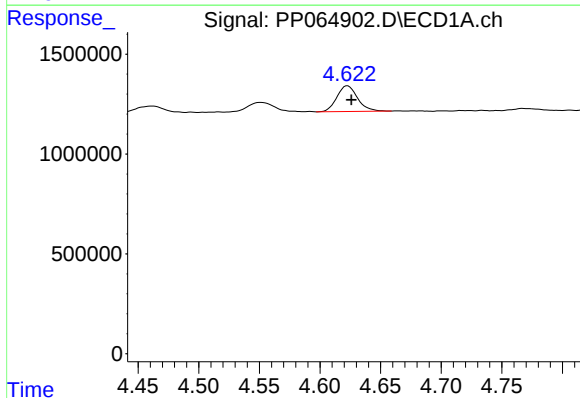
R.T.: 4.551 min  
Delta R.T.: 0.000 min  
Response: 666640  
Conc: 40.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



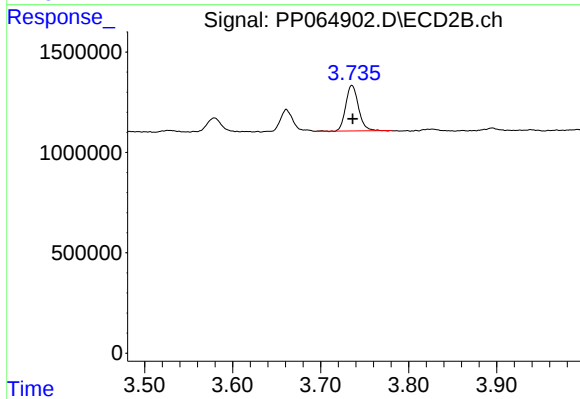
#9 AR-1221-2

R.T.: 3.661 min  
Delta R.T.: -0.002 min  
Response: 1092636  
Conc: 46.94 ng/ml



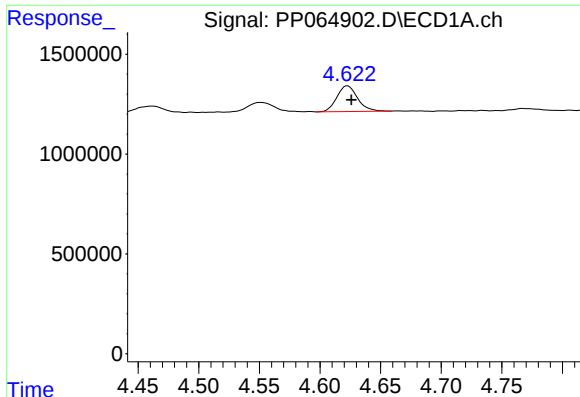
#10 AR-1221-3

R.T.: 4.623 min  
Delta R.T.: -0.003 min  
Response: 1531689  
Conc: 30.22 ng/ml



#10 AR-1221-3

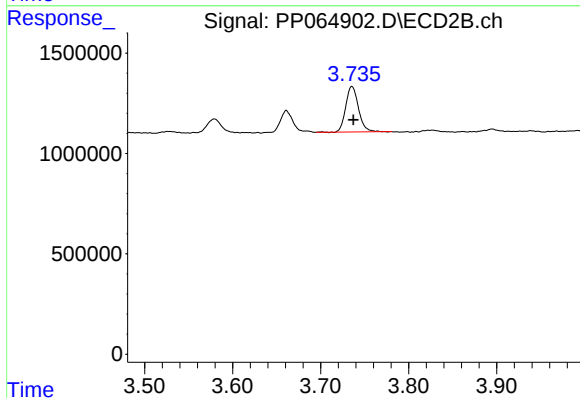
R.T.: 3.736 min  
Delta R.T.: 0.000 min  
Response: 2287587  
Conc: 33.65 ng/ml



#11 AR-1232-1

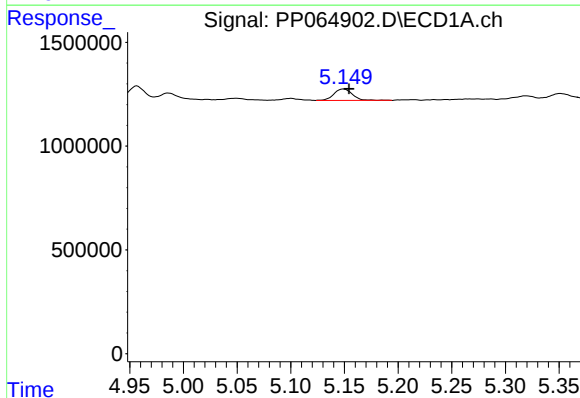
R.T.: 4.623 min  
Delta R.T.: -0.003 min  
Response: 1531689  
Conc: 37.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



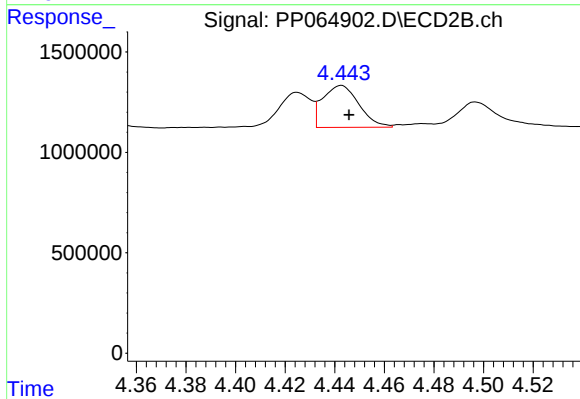
#11 AR-1232-1

R.T.: 3.736 min  
Delta R.T.: -0.002 min  
Response: 2287587  
Conc: 41.77 ng/ml



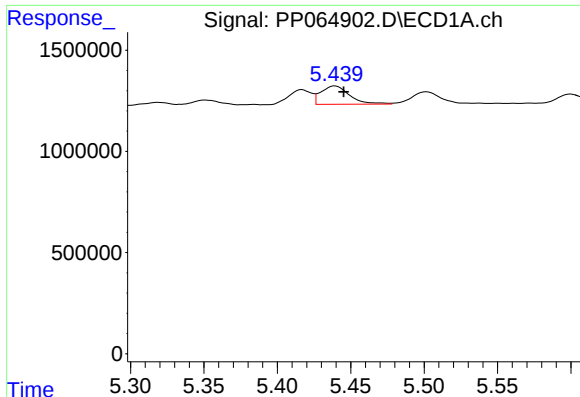
#12 AR-1232-2

R.T.: 5.149 min  
Delta R.T.: -0.005 min  
Response: 660820  
Conc: 33.26 ng/ml



#12 AR-1232-2

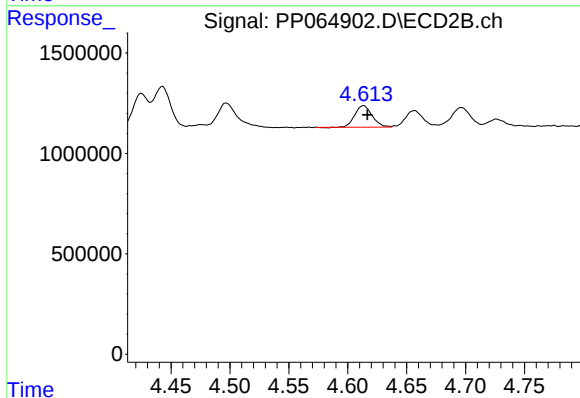
R.T.: 4.443 min  
Delta R.T.: -0.003 min  
Response: 2116857  
Conc: 40.30 ng/ml



#13 AR-1232-3

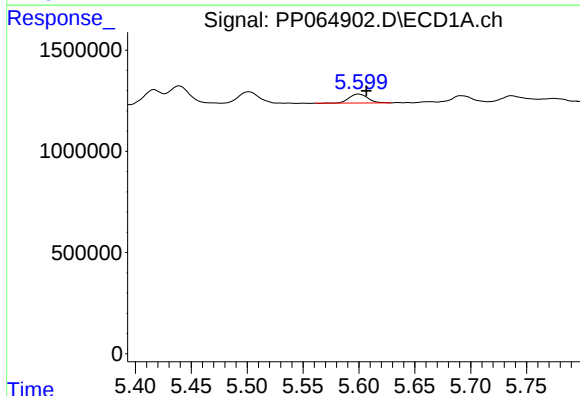
R.T.: 5.439 min  
Delta R.T.: -0.006 min  
Response: 1232751  
Conc: 37.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



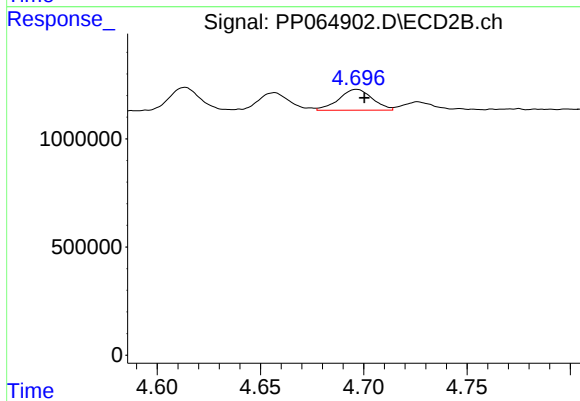
#13 AR-1232-3

R.T.: 4.613 min  
Delta R.T.: -0.003 min  
Response: 1111893  
Conc: 38.53 ng/ml



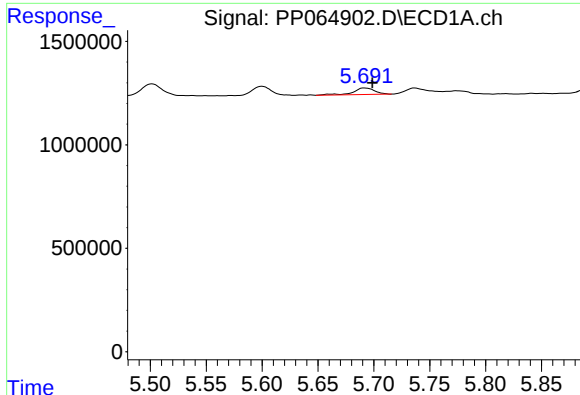
#14 AR-1232-4

R.T.: 5.600 min  
Delta R.T.: -0.007 min  
Response: 523366  
Conc: 31.63 ng/ml



#14 AR-1232-4

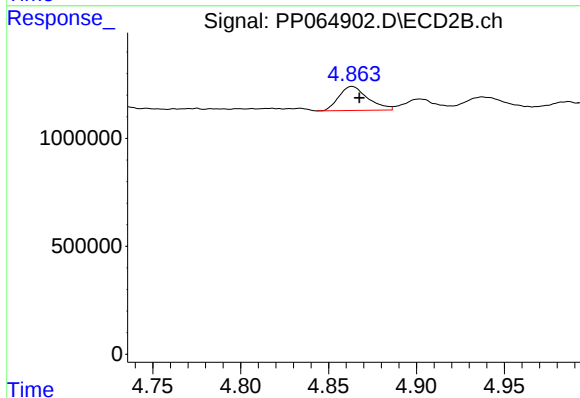
R.T.: 4.697 min  
Delta R.T.: -0.004 min  
Response: 1088056  
Conc: 40.11 ng/ml



#15 AR-1232-5

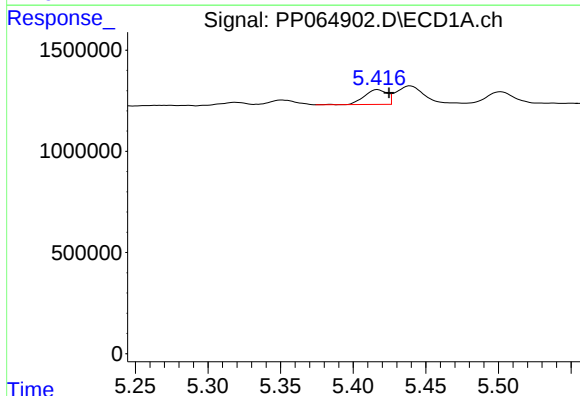
R.T.: 5.692 min  
Delta R.T.: -0.006 min  
Response: 430606  
Conc: 31.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



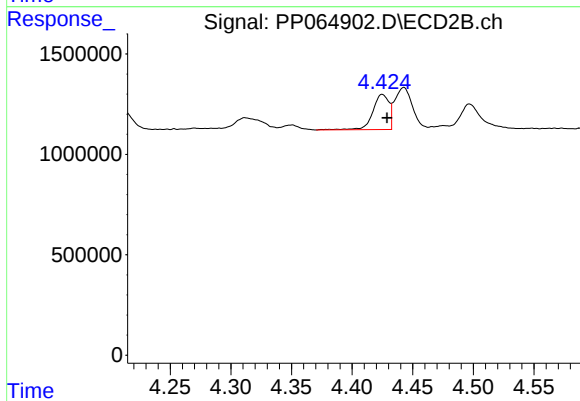
#15 AR-1232-5

R.T.: 4.863 min  
Delta R.T.: -0.004 min  
Response: 1274994  
Conc: 44.61 ng/ml



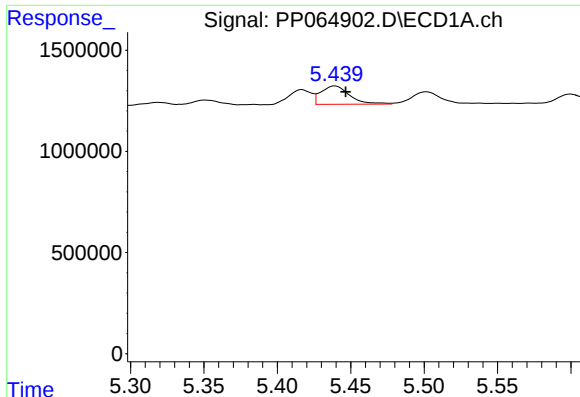
#16 AR-1242-1

R.T.: 5.417 min  
Delta R.T.: -0.008 min  
Response: 805462  
Conc: 23.02 ng/ml



#16 AR-1242-1

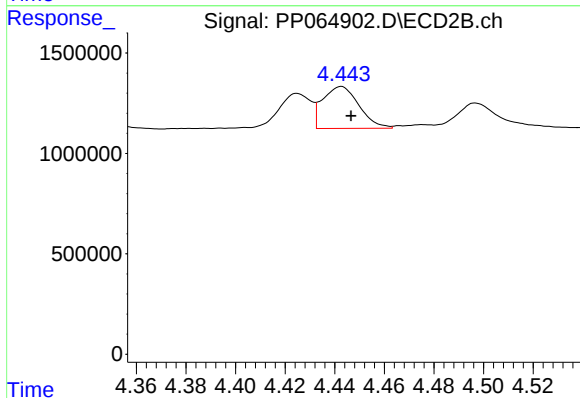
R.T.: 4.425 min  
Delta R.T.: -0.004 min  
Response: 1621722  
Conc: 24.21 ng/ml



#17 AR-1242-2

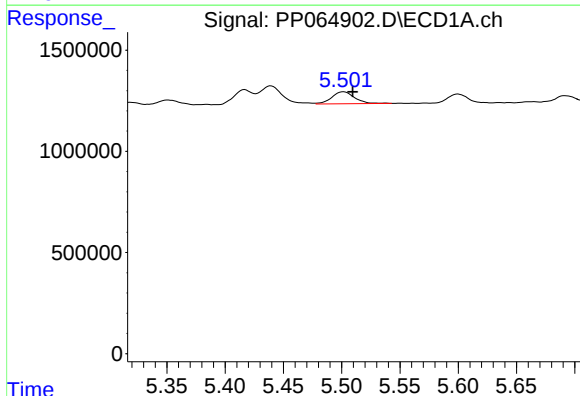
R.T.: 5.439 min  
Delta R.T.: -0.007 min  
Response: 1232751  
Conc: 23.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



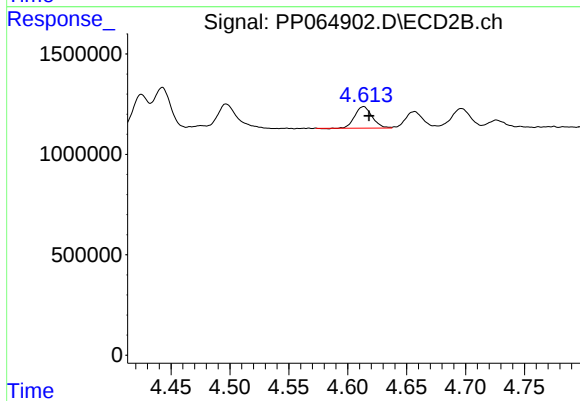
#17 AR-1242-2

R.T.: 4.443 min  
Delta R.T.: -0.004 min  
Response: 2116857  
Conc: 22.89 ng/ml



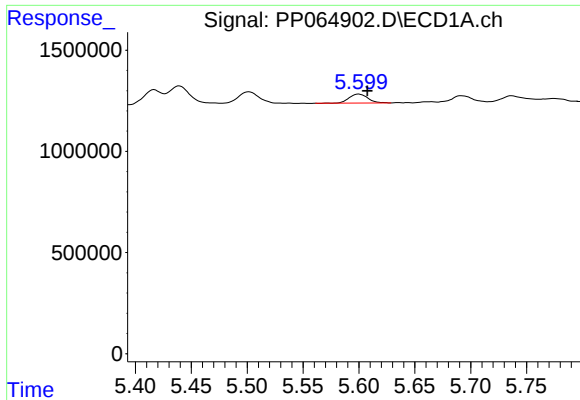
#18 AR-1242-3

R.T.: 5.502 min  
Delta R.T.: -0.008 min  
Response: 798399  
Conc: 23.80 ng/ml



#18 AR-1242-3

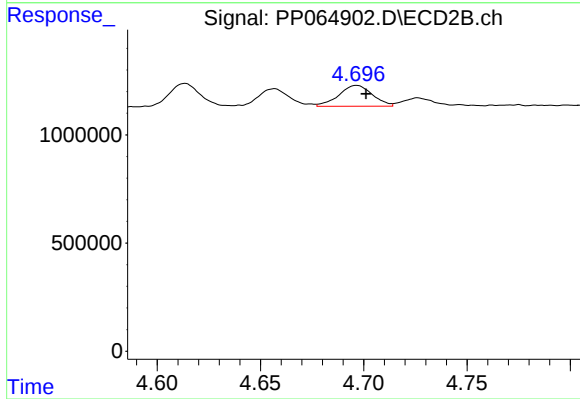
R.T.: 4.613 min  
Delta R.T.: -0.005 min  
Response: 1111893  
Conc: 21.69 ng/ml



#19 AR-1242-4

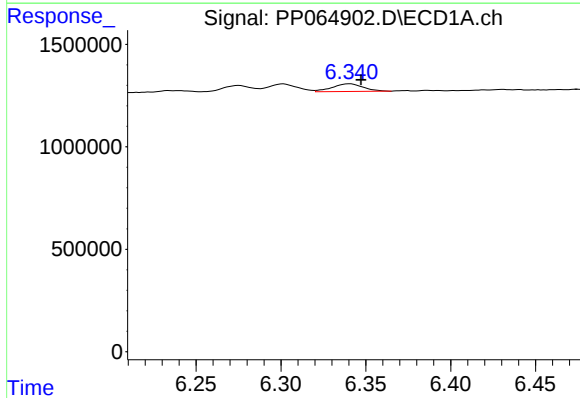
R.T.: 5.600 min  
Delta R.T.: -0.007 min  
Response: 523366  
Conc: 19.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



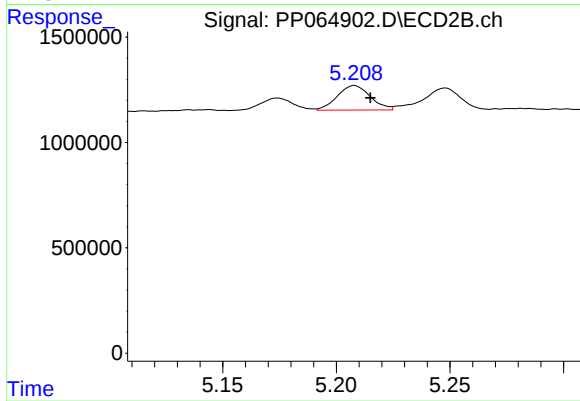
#19 AR-1242-4

R.T.: 4.697 min  
Delta R.T.: -0.005 min  
Response: 1088056  
Conc: 20.69 ng/ml



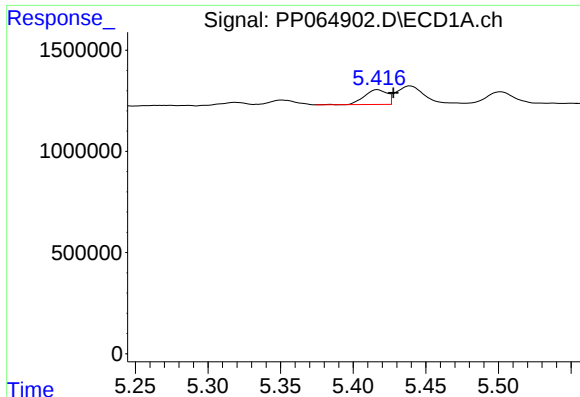
#20 AR-1242-5

R.T.: 6.340 min  
Delta R.T.: -0.007 min  
Response: 473236  
Conc: 20.82 ng/ml



#20 AR-1242-5

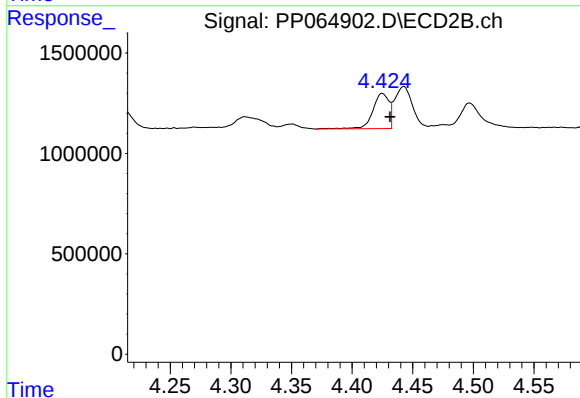
R.T.: 5.208 min  
Delta R.T.: -0.007 min  
Response: 1177405  
Conc: 19.52 ng/ml



#21 AR-1248-1

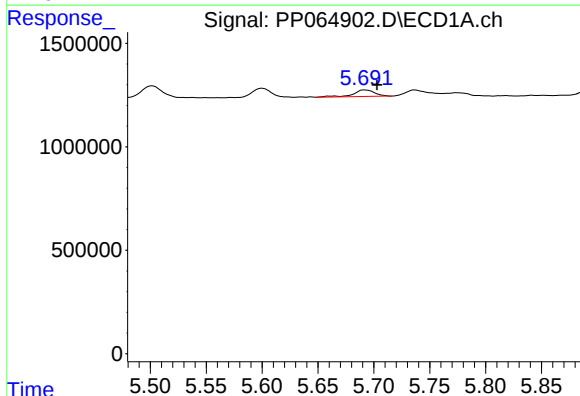
R.T.: 5.417 min  
Delta R.T.: -0.011 min  
Response: 805462  
Conc: 31.14 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
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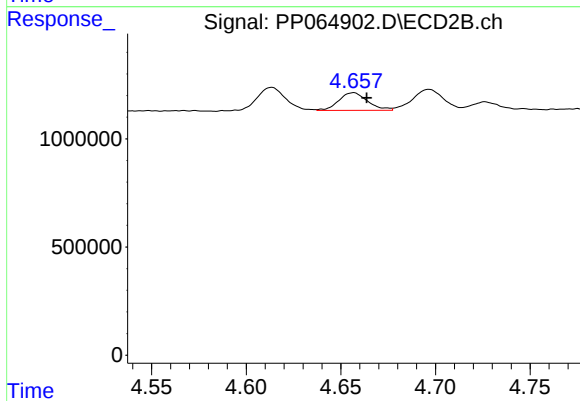
#21 AR-1248-1

R.T.: 4.425 min  
Delta R.T.: -0.006 min  
Response: 1621722  
Conc: 32.81 ng/ml



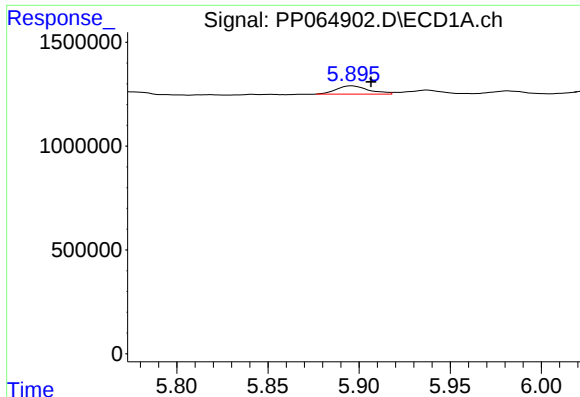
#22 AR-1248-2

R.T.: 5.692 min  
Delta R.T.: -0.011 min  
Response: 430606  
Conc: 11.06 ng/ml



#22 AR-1248-2

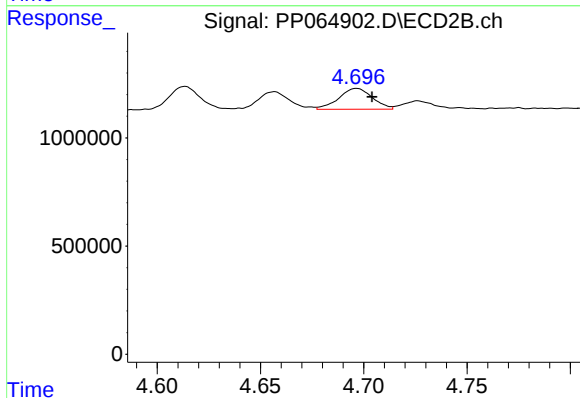
R.T.: 4.657 min  
Delta R.T.: -0.007 min  
Response: 870727  
Conc: 12.07 ng/ml



#23 AR-1248-3

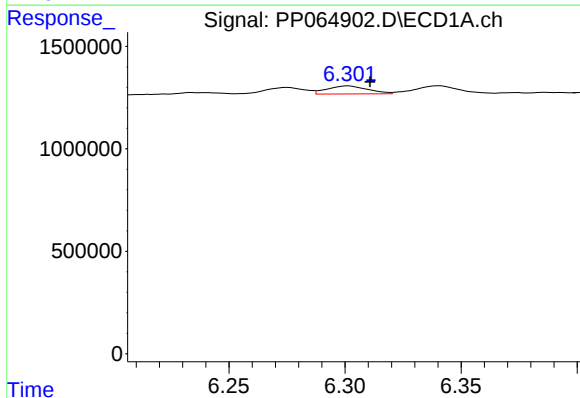
R.T.: 5.896 min  
Delta R.T.: -0.010 min  
Response: 491307  
Conc: 12.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



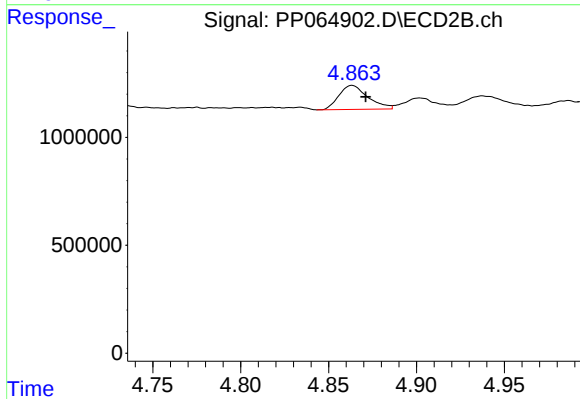
#23 AR-1248-3

R.T.: 4.697 min  
Delta R.T.: -0.007 min  
Response: 1088056  
Conc: 14.27 ng/ml



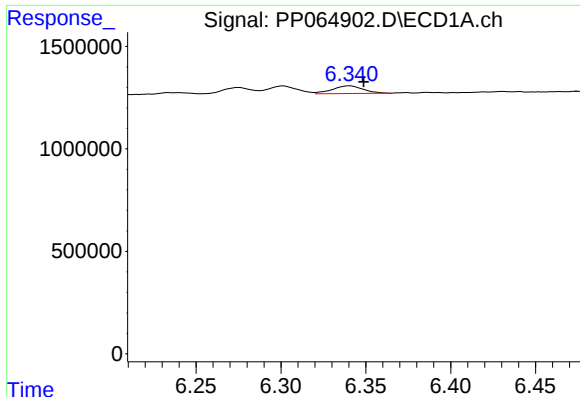
#24 AR-1248-4

R.T.: 6.301 min  
Delta R.T.: -0.010 min  
Response: 476087  
Conc: 12.44 ng/ml



#24 AR-1248-4

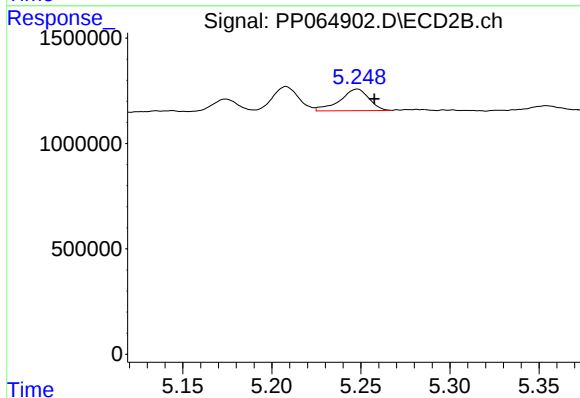
R.T.: 4.863 min  
Delta R.T.: -0.008 min  
Response: 1274994  
Conc: 14.43 ng/ml



#25 AR-1248-5

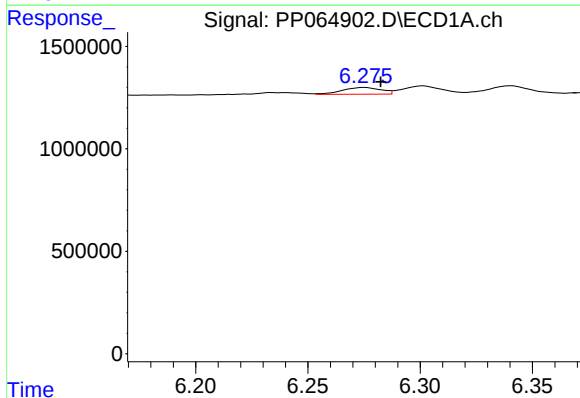
R.T.: 6.340 min  
Delta R.T.: -0.009 min  
Response: 473236  
Conc: 12.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT2-2024



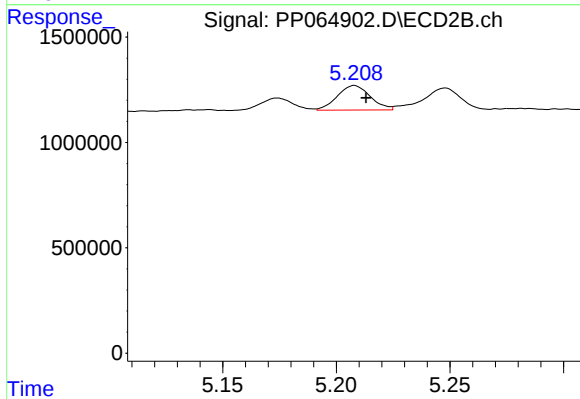
#25 AR-1248-5

R.T.: 5.248 min  
Delta R.T.: -0.010 min  
Response: 1157320  
Conc: 14.05 ng/ml



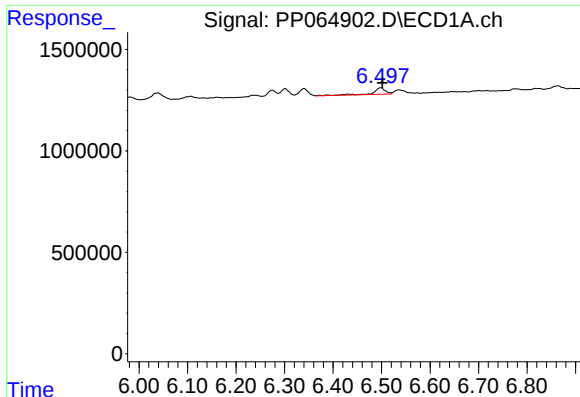
#26 AR-1254-1

R.T.: 6.275 min  
Delta R.T.: -0.007 min  
Response: 397891  
Conc: 9.28 ng/ml



#26 AR-1254-1

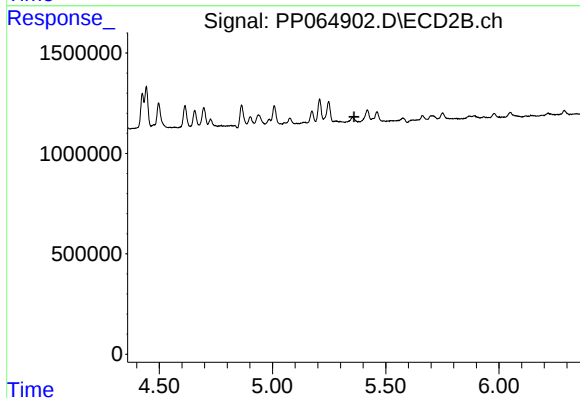
R.T.: 5.208 min  
Delta R.T.: -0.005 min  
Response: 1177405  
Conc: 9.00 ng/ml



#27 AR-1254-2

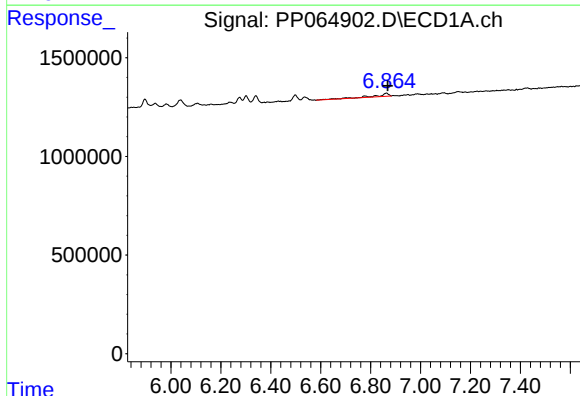
R.T.: 6.498 min  
Delta R.T.: -0.004 min  
Response: 565379  
Conc: 9.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
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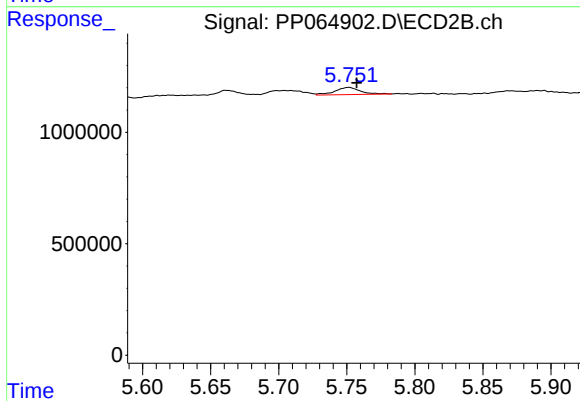
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.360 min  
Response: 0  
Conc: N.D.



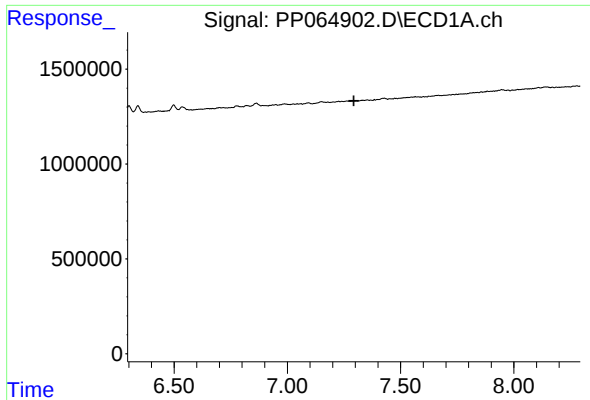
#28 AR-1254-3

R.T.: 6.864 min  
Delta R.T.: -0.005 min  
Response: 519496  
Conc: 8.20 ng/ml



#28 AR-1254-3

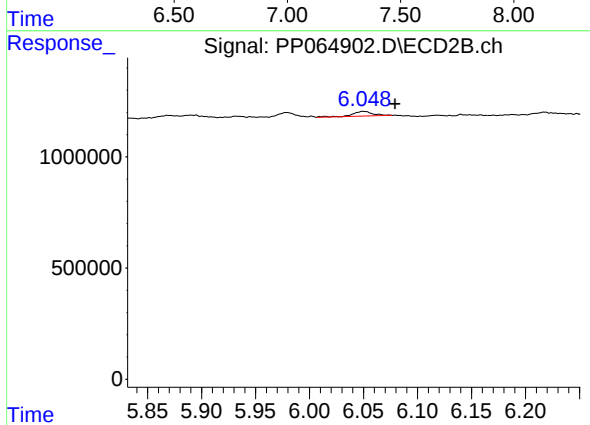
R.T.: 5.751 min  
Delta R.T.: -0.006 min  
Response: 415967  
Conc: 2.35 ng/ml



#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 7.293 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
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#32 AR-1260-2

R.T.: 6.050 min  
Delta R.T.: -0.029 min  
Response: 283368  
Conc: 2.09 ng/ml