

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR052421\  
 Data File : PR050560.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 May 2021 17:30  
 Operator : DD\AJ  
 Sample : M2262-01  
 Misc : AR1232 LOD 40 PPB  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 25 00:22:36 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR052221.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat May 22 08:50:48 2021  
 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... | 4.632  | 3.814 | 72394566 | 100.6E6 | 17.279 | 17.031   |
| 2)                          | SA Decachlor... | 10.502 | 8.838 | 121.8E6  | 131.5E6 | 18.009 | 17.462   |
| Target Compounds            |                 |        |       |          |         |        |          |
| 3)                          | L1 AR-1016-1    | 5.812  | 4.900 | 3742328  | 3512733 | 16.187 | 15.146   |
| 4)                          | L1 AR-1016-2    | 5.836  | 4.919 | 5166547  | 4931990 | 15.680 | 14.821   |
| 5)                          | L1 AR-1016-3    | 5.898  | 5.095 | 3214683  | 2584686 | 16.235 | 14.708   |
| 6)                          | L1 AR-1016-4    | 5.999  | 5.135 | 2881407  | 1935339 | 17.206 | 14.111   |
| 7)                          | L1 AR-1016-5    | 6.292  | 5.349 | 1925136  | 2910172 | 11.132 | 15.791 # |
| 8)                          | L2 AR-1221-1    | 0.000  | 4.026 | 0        | 1545335 | N.D.   | 24.243 # |
| 9)                          | L2 AR-1221-2    | 4.939  | 4.113 | 1887571  | 2443702 | 46.861 | 49.742   |
| 10)                         | L2 AR-1221-3    | 5.011  | 4.188 | 4170375  | 4763309 | 33.524 | 30.651   |
| 11)                         | L3 AR-1232-1    | 5.011  | 4.188 | 4170375  | 4763309 | 43.233 | 40.233   |
| 12)                         | L3 AR-1232-2    | 5.544  | 4.919 | 2406920  | 4931990 | 39.384 | 37.000   |
| 13)                         | L3 AR-1232-3    | 5.836  | 5.095 | 5166547  | 2584686 | 39.049 | 36.854   |
| 14)                         | L3 AR-1232-4    | 5.999  | 5.177 | 2881407  | 2525355 | 42.977 | 41.027   |
| 15)                         | L3 AR-1232-5    | 6.084  | 5.349 | 1846550  | 2910172 | 34.974 | 41.635   |
| 16)                         | L4 AR-1242-1    | 5.812  | 4.900 | 3742328  | 3512733 | 21.971 | 20.521   |
| 17)                         | L4 AR-1242-2    | 5.836  | 4.919 | 5166547  | 4931990 | 21.057 | 19.955   |
| 18)                         | L4 AR-1242-3    | 5.898  | 5.095 | 3214683  | 2584686 | 21.891 | 19.730   |
| 19)                         | L4 AR-1242-4    | 5.999  | 5.177 | 2881407  | 2525355 | 23.065 | 19.989   |
| 20)                         | L4 AR-1242-5    | 6.736  | 5.698 | 2726733  | 3113389 | 18.699 | 17.187   |
| 21)                         | L5 AR-1248-1    | 5.812  | 4.900 | 3742328  | 3512733 | 28.676 | 26.863   |
| 22)                         | L5 AR-1248-2    | 6.084  | 5.135 | 1846550  | 1935339 | 9.783  | 11.000   |
| 23)                         | L5 AR-1248-3    | 6.292  | 5.177 | 1925136  | 2525355 | 8.858  | 13.607 # |
| 24)                         | L5 AR-1248-4    | 6.697  | 5.349 | 2568821  | 2910172 | 9.758  | 12.523 # |
| 25)                         | L5 AR-1248-5    | 6.736  | 5.740 | 2726733  | 2670141 | 10.870 | 10.701   |
| 26)                         | L6 AR-1254-1    | 6.668  | 5.698 | 1919484  | 3113389 | 7.328  | 8.288    |
| 27)                         | L6 AR-1254-2    | 6.896  | 0.000 | 2267974  | 0       | 5.449  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.249 | 0        | 999179  | N.D.   | 1.706 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.475 | 0        | 575718  | N.D.   | 1.537 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.574 | 0        | 831547  | N.D.   | 0.288 #  |
| -----                       |                 |        |       |          |         |        |          |

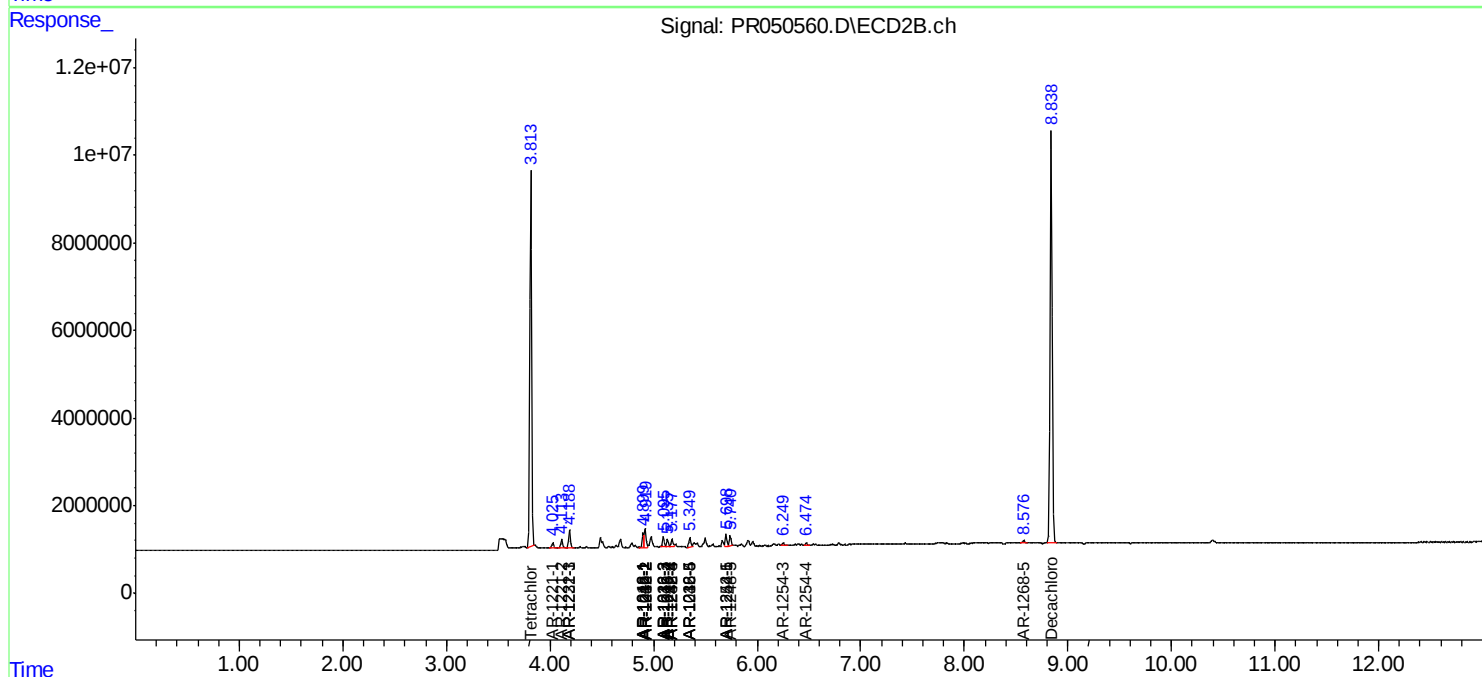
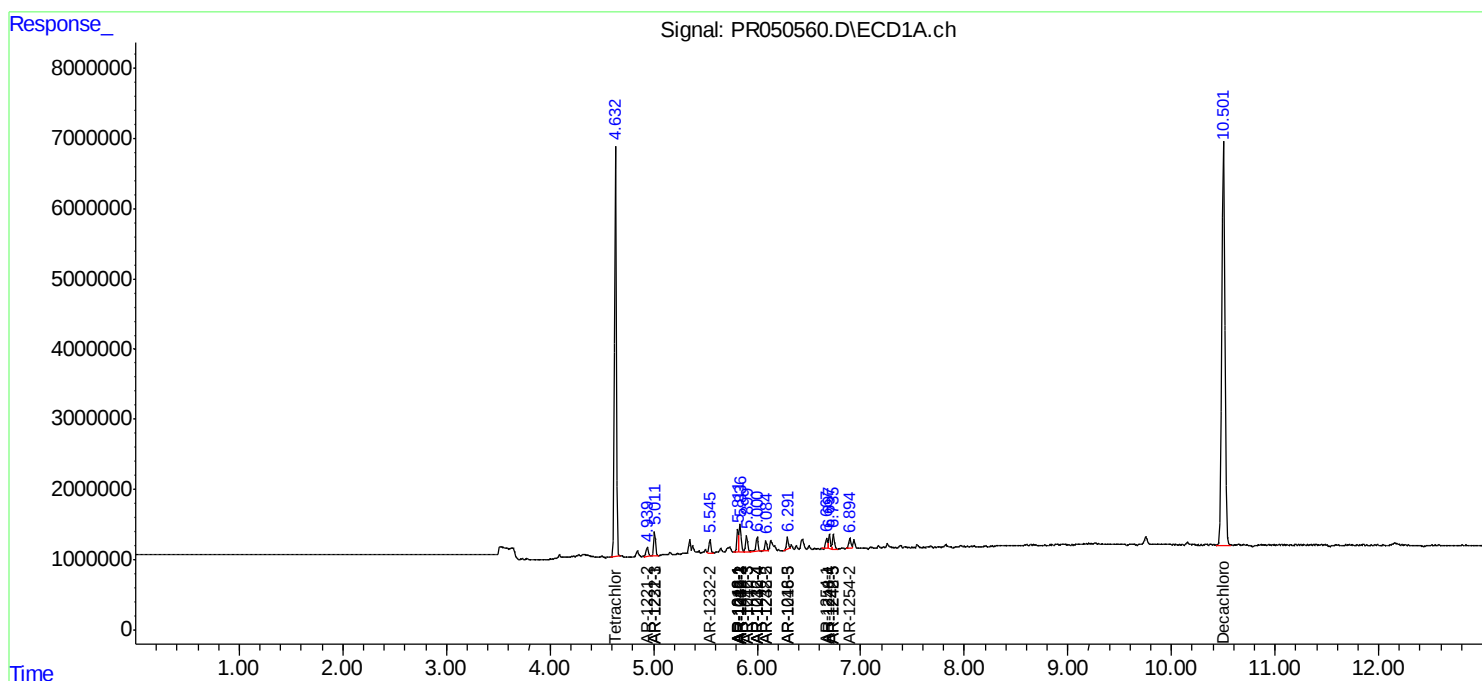
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

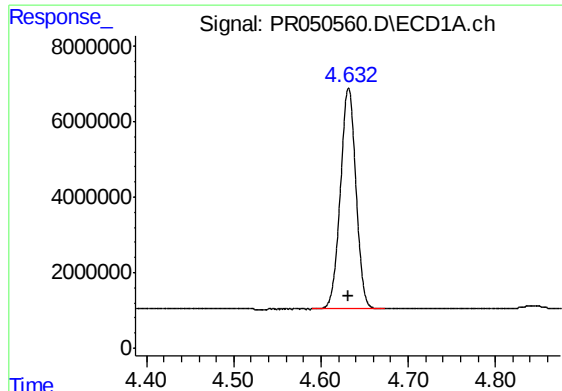
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR052421\  
Data File : PR050560.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 May 2021 17:30  
Operator : DD\AJ  
Sample : M2262-01  
Misc : AR1232 LOD 40 PPB  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 25 00:22:36 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR052221.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat May 22 08:50:48 2021  
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

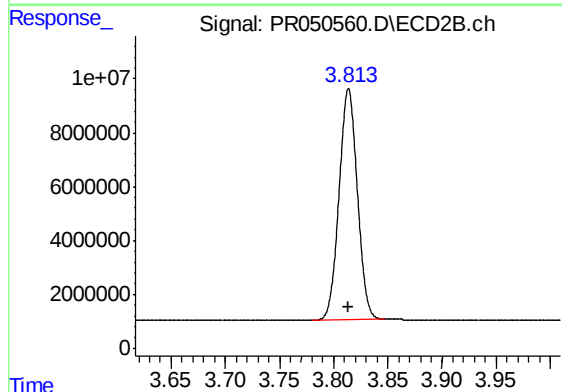




#1 Tetrachloro-m-xylene

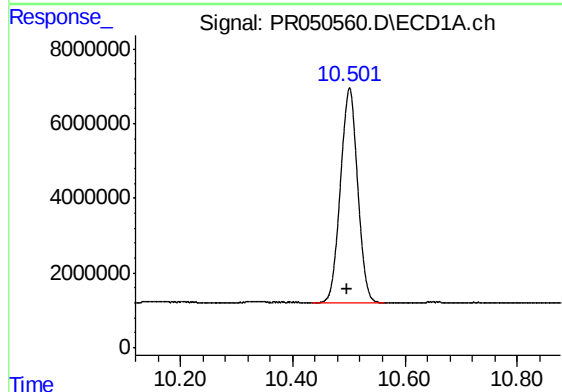
R.T.: 4.632 min  
Delta R.T.: 0.000 min  
Response: 72394566  
Conc: 17.28 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021



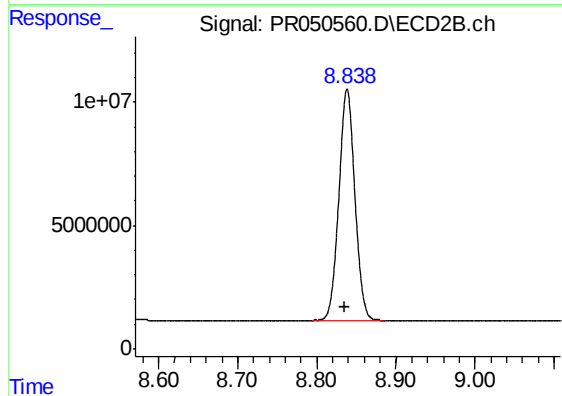
#1 Tetrachloro-m-xylene

R.T.: 3.814 min  
Delta R.T.: 0.000 min  
Response: 100571411  
Conc: 17.03 ng/ml



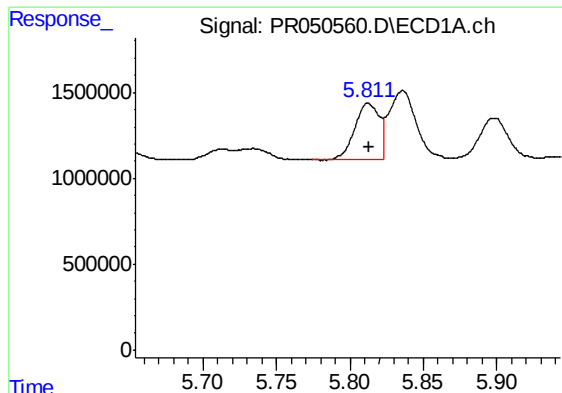
#2 Decachlorobiphenyl

R.T.: 10.502 min  
Delta R.T.: 0.005 min  
Response: 121753986  
Conc: 18.01 ng/ml



#2 Decachlorobiphenyl

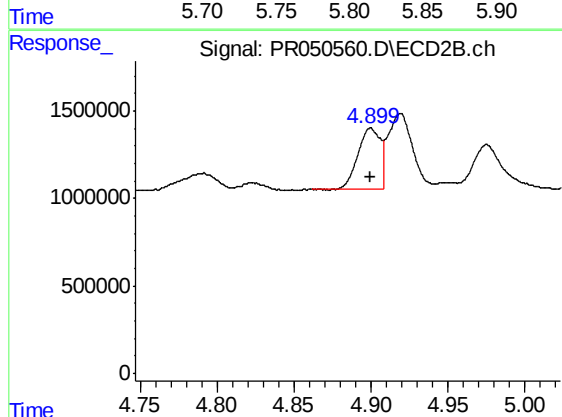
R.T.: 8.838 min  
Delta R.T.: 0.003 min  
Response: 131526098  
Conc: 17.46 ng/ml



#3 AR-1016-1

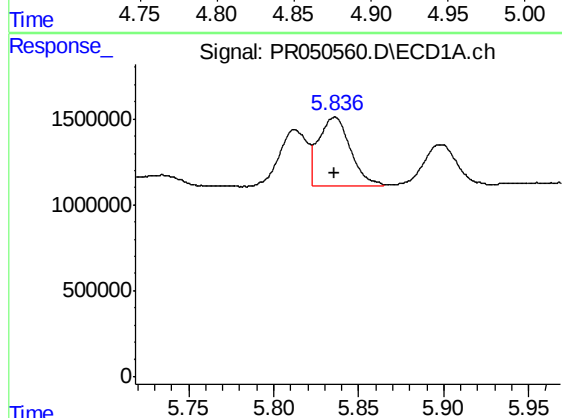
R.T.: 5.812 min  
Delta R.T.: 0.000 min  
Response: 3742328  
Conc: 16.19 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021



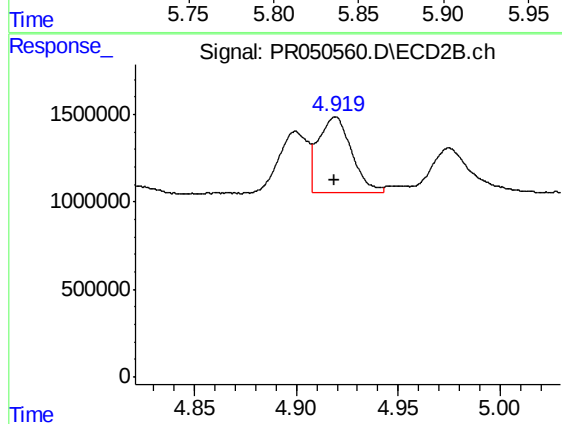
#3 AR-1016-1

R.T.: 4.900 min  
Delta R.T.: 0.000 min  
Response: 3512733  
Conc: 15.15 ng/ml



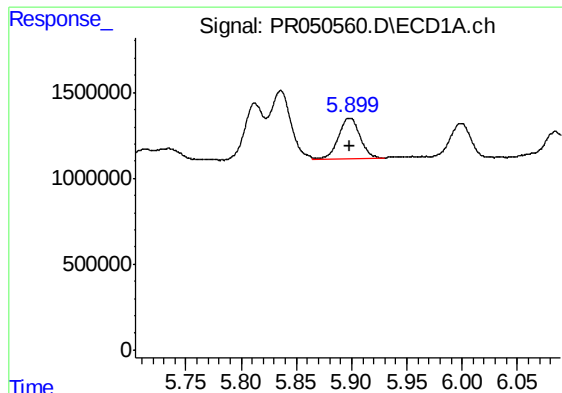
#4 AR-1016-2

R.T.: 5.836 min  
Delta R.T.: 0.000 min  
Response: 5166547  
Conc: 15.68 ng/ml



#4 AR-1016-2

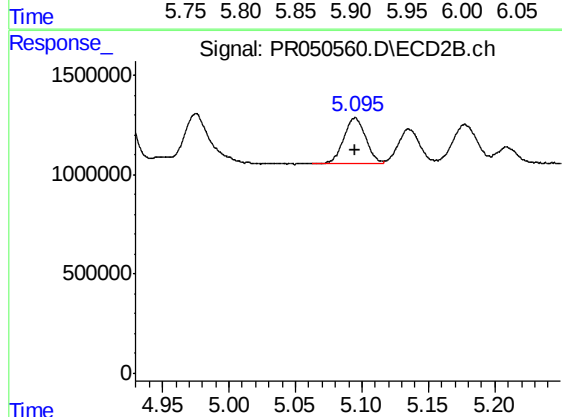
R.T.: 4.919 min  
Delta R.T.: 0.000 min  
Response: 4931990  
Conc: 14.82 ng/ml



#5 AR-1016-3

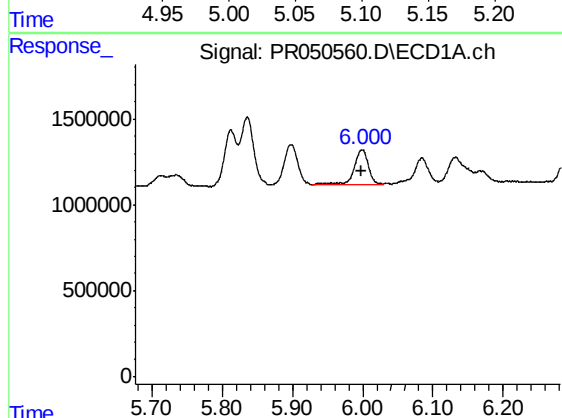
R.T.: 5.898 min  
Delta R.T.: 0.000 min  
Response: 3214683  
Conc: 16.23 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021



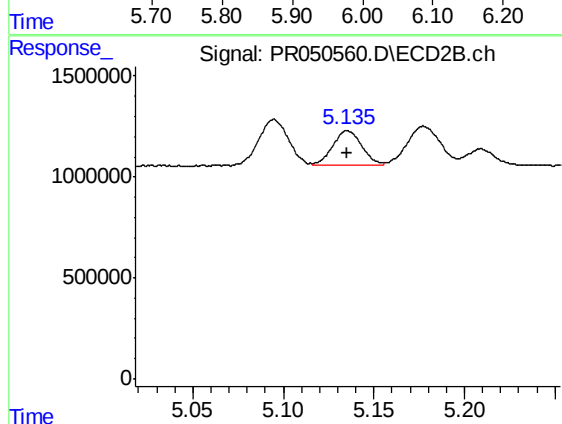
#5 AR-1016-3

R.T.: 5.095 min  
Delta R.T.: 0.000 min  
Response: 2584686  
Conc: 14.71 ng/ml



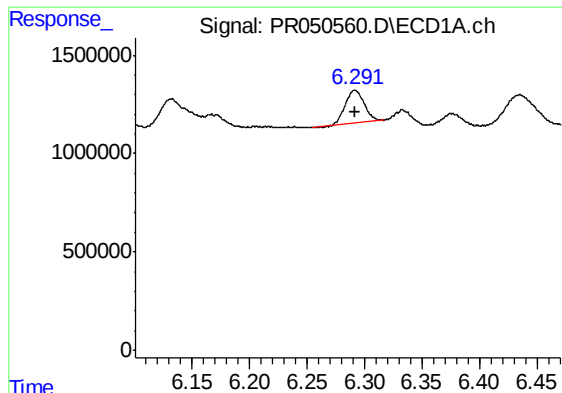
#6 AR-1016-4

R.T.: 5.999 min  
Delta R.T.: 0.000 min  
Response: 2881407  
Conc: 17.21 ng/ml



#6 AR-1016-4

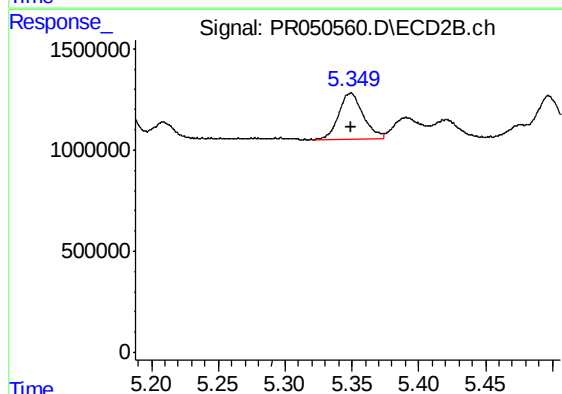
R.T.: 5.135 min  
Delta R.T.: 0.000 min  
Response: 1935339  
Conc: 14.11 ng/ml



#7 AR-1016-5

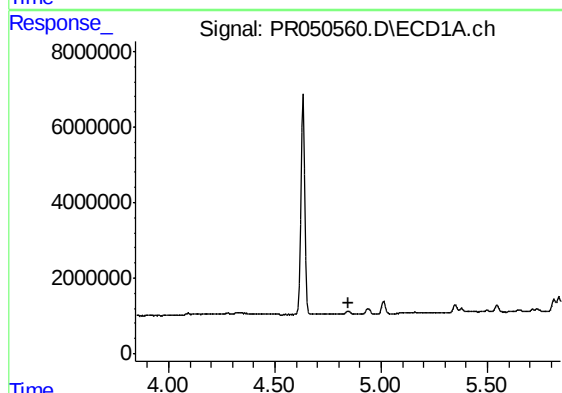
R.T.: 6.292 min  
Delta R.T.: 0.000 min  
Response: 1925136  
Conc: 11.13 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021



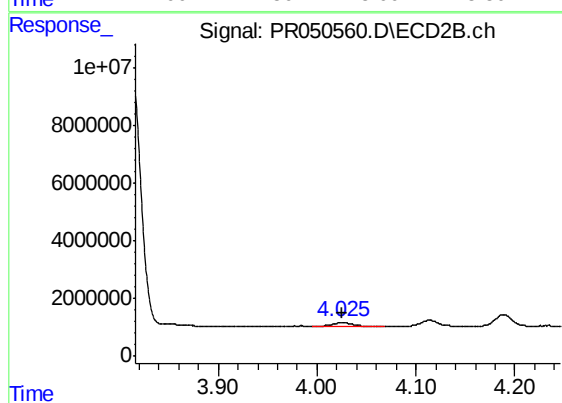
#7 AR-1016-5

R.T.: 5.349 min  
Delta R.T.: 0.000 min  
Response: 2910172  
Conc: 15.79 ng/ml



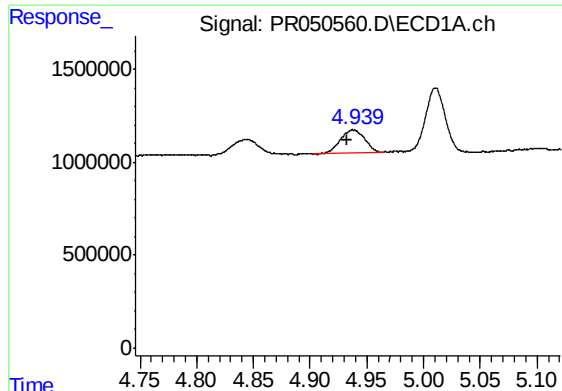
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.844 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

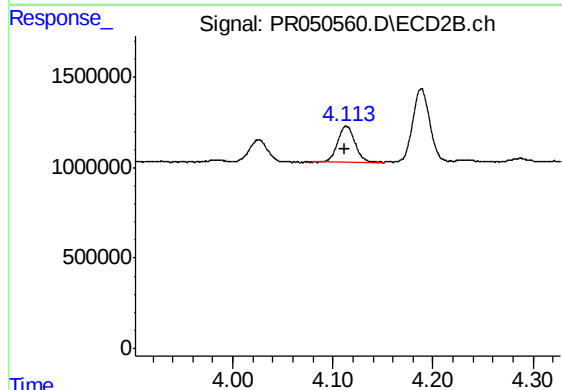
R.T.: 4.026 min  
Delta R.T.: 0.000 min  
Response: 1545335  
Conc: 24.24 ng/ml



#9 AR-1221-2

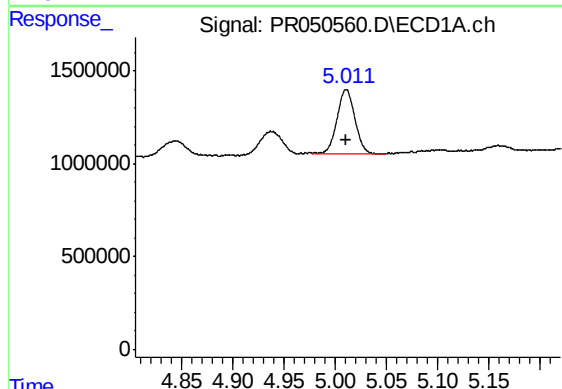
R.T.: 4.939 min  
Delta R.T.: 0.007 min  
Response: 1887571  
Conc: 46.86 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021



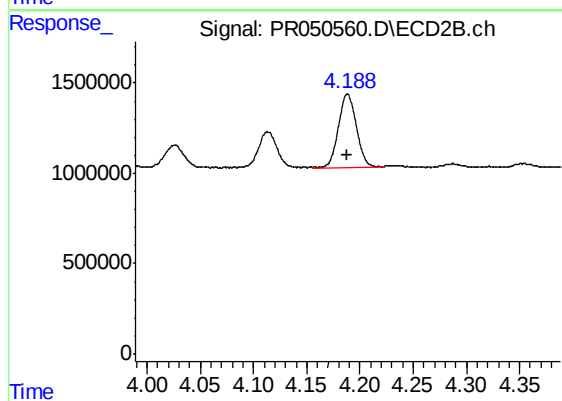
#9 AR-1221-2

R.T.: 4.113 min  
Delta R.T.: 0.002 min  
Response: 2443702  
Conc: 49.74 ng/ml



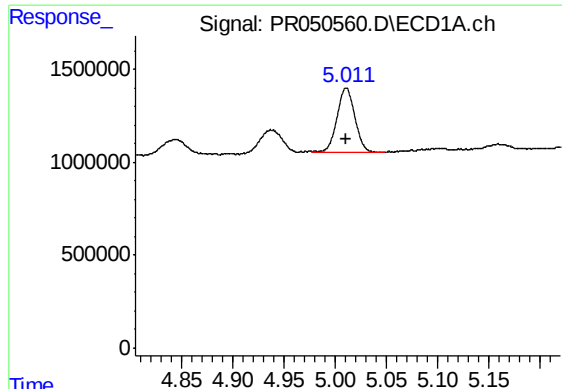
#10 AR-1221-3

R.T.: 5.011 min  
Delta R.T.: 0.000 min  
Response: 4170375  
Conc: 33.52 ng/ml



#10 AR-1221-3

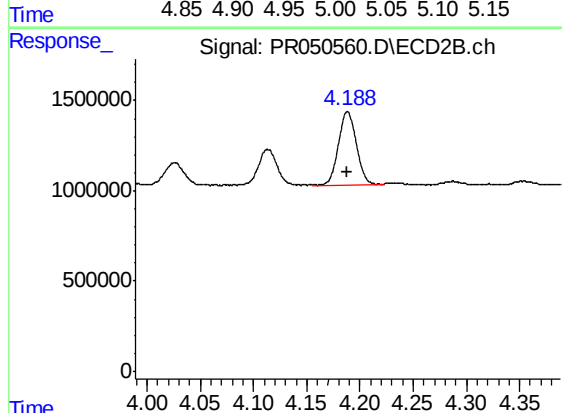
R.T.: 4.188 min  
Delta R.T.: 0.000 min  
Response: 4763309  
Conc: 30.65 ng/ml



#11 AR-1232-1

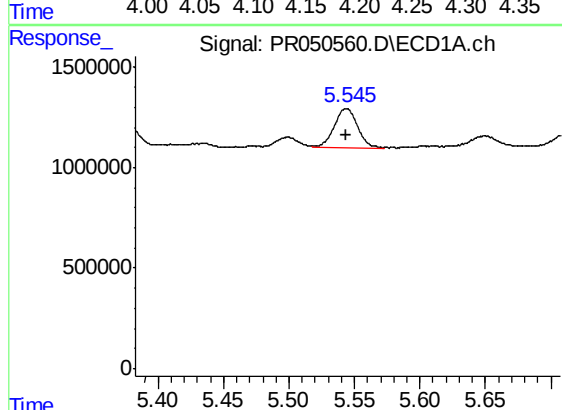
R.T.: 5.011 min  
Delta R.T.: 0.000 min  
Response: 4170375  
Conc: 43.23 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021



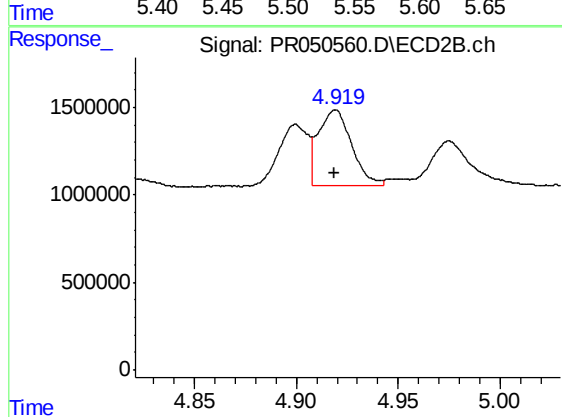
#11 AR-1232-1

R.T.: 4.188 min  
Delta R.T.: 0.000 min  
Response: 4763309  
Conc: 40.23 ng/ml



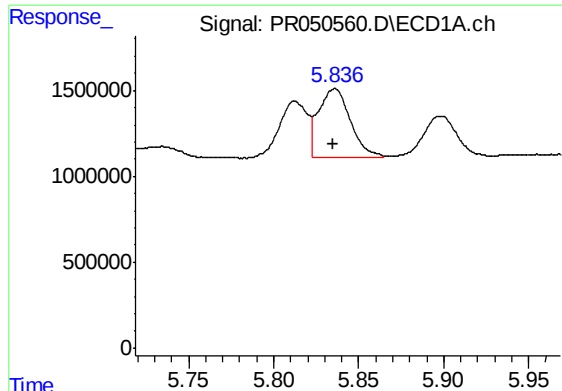
#12 AR-1232-2

R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 2406920  
Conc: 39.38 ng/ml



#12 AR-1232-2

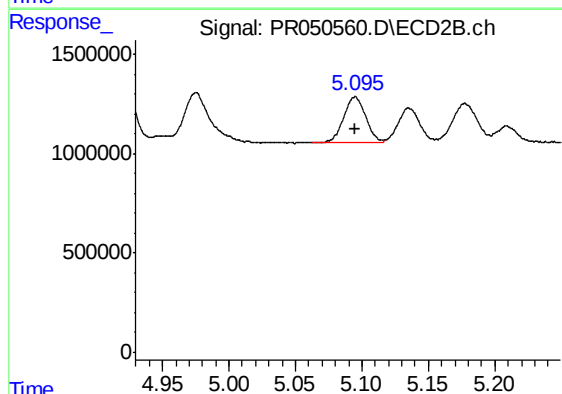
R.T.: 4.919 min  
Delta R.T.: 0.000 min  
Response: 4931990  
Conc: 37.00 ng/ml



#13 AR-1232-3

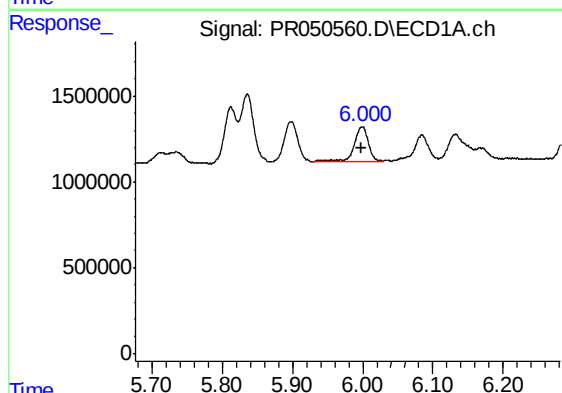
R.T.: 5.836 min  
Delta R.T.: 0.000 min  
Response: 5166547  
Conc: 39.05 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021



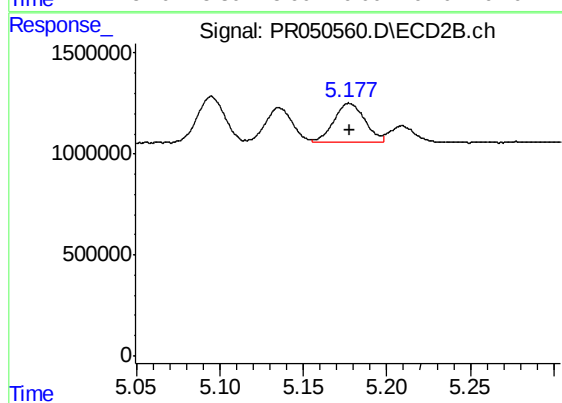
#13 AR-1232-3

R.T.: 5.095 min  
Delta R.T.: 0.000 min  
Response: 2584686  
Conc: 36.85 ng/ml



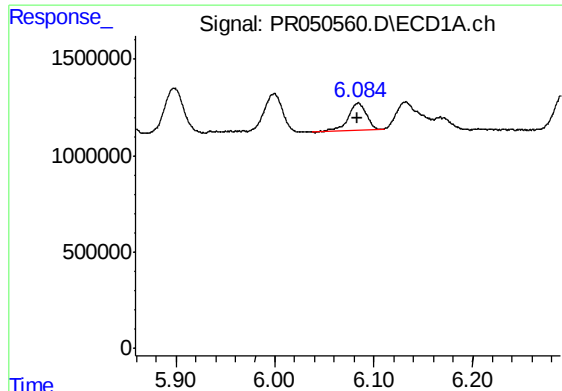
#14 AR-1232-4

R.T.: 5.999 min  
Delta R.T.: 0.000 min  
Response: 2881407  
Conc: 42.98 ng/ml



#14 AR-1232-4

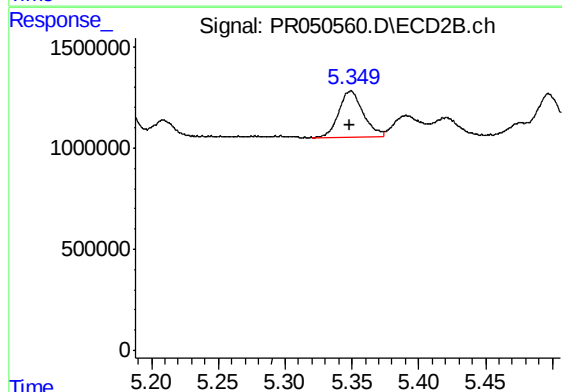
R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 2525355  
Conc: 41.03 ng/ml



#15 AR-1232-5

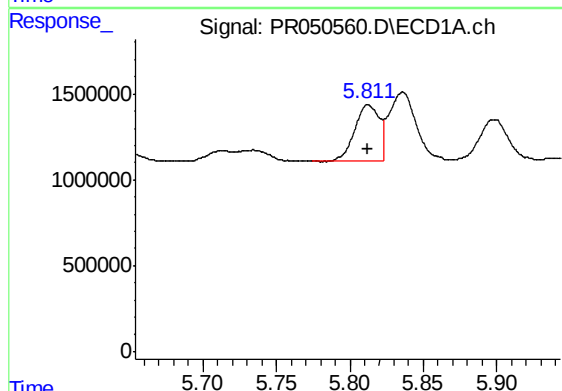
R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 1846550  
Conc: 34.97 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021



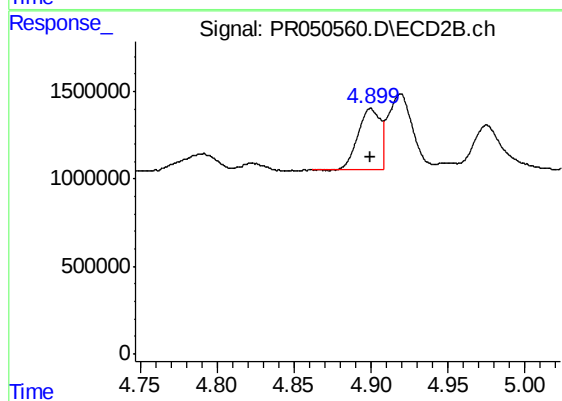
#15 AR-1232-5

R.T.: 5.349 min  
Delta R.T.: 0.000 min  
Response: 2910172  
Conc: 41.64 ng/ml



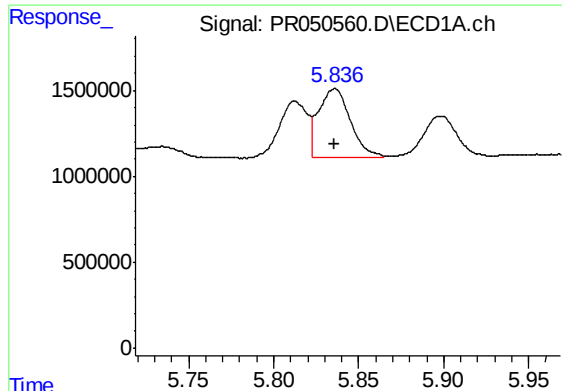
#16 AR-1242-1

R.T.: 5.812 min  
Delta R.T.: 0.000 min  
Response: 3742328  
Conc: 21.97 ng/ml



#16 AR-1242-1

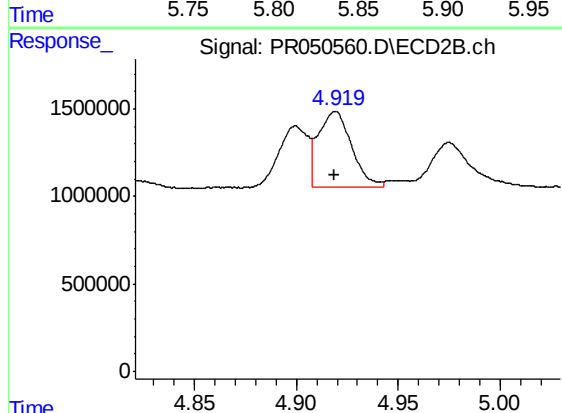
R.T.: 4.900 min  
Delta R.T.: 0.000 min  
Response: 3512733  
Conc: 20.52 ng/ml



#17 AR-1242-2

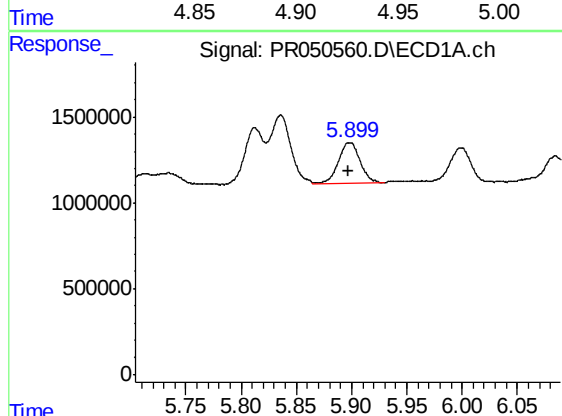
R.T.: 5.836 min  
Delta R.T.: 0.000 min  
Response: 5166547  
Conc: 21.06 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021



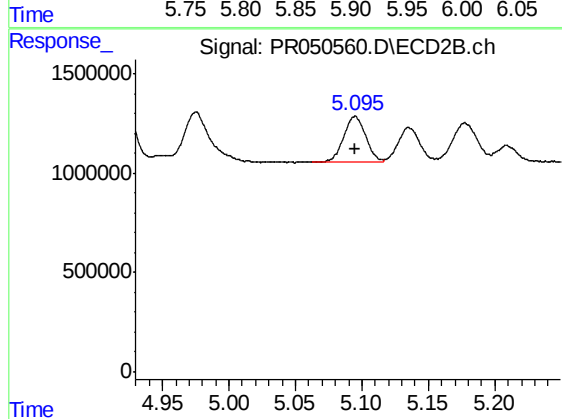
#17 AR-1242-2

R.T.: 4.919 min  
Delta R.T.: 0.000 min  
Response: 4931990  
Conc: 19.95 ng/ml



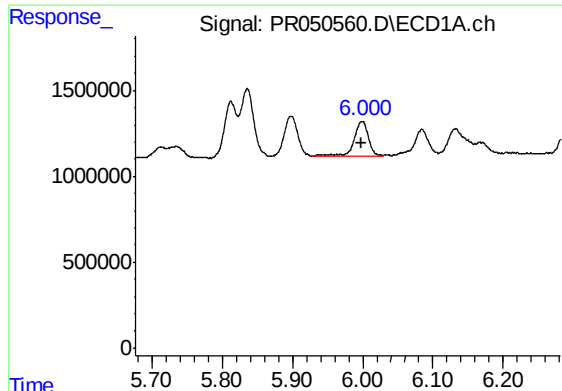
#18 AR-1242-3

R.T.: 5.898 min  
Delta R.T.: 0.000 min  
Response: 3214683  
Conc: 21.89 ng/ml



#18 AR-1242-3

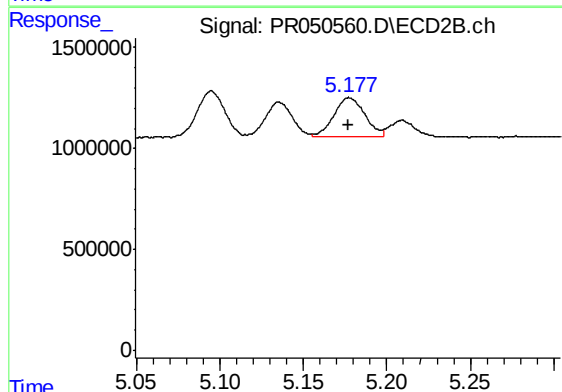
R.T.: 5.095 min  
Delta R.T.: 0.000 min  
Response: 2584686  
Conc: 19.73 ng/ml



#19 AR-1242-4

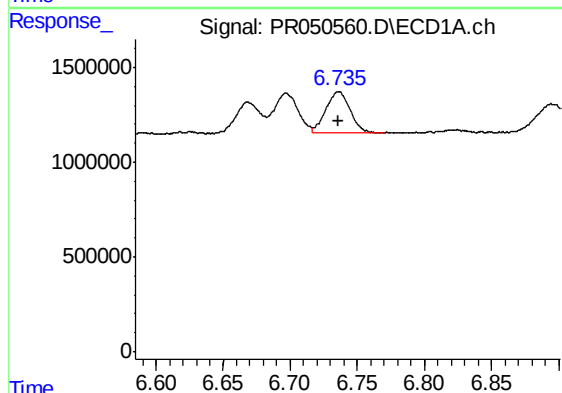
R.T.: 5.999 min  
Delta R.T.: 0.000 min  
Response: 2881407  
Conc: 23.06 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021



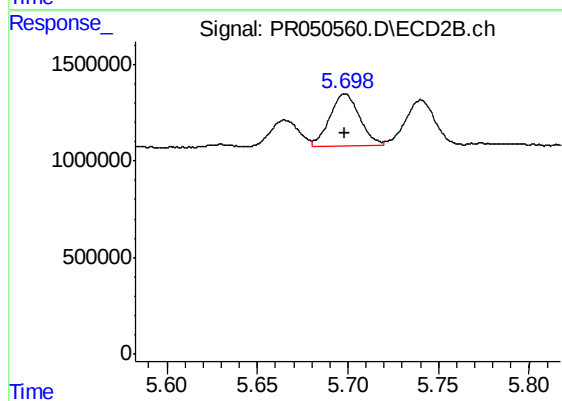
#19 AR-1242-4

R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 2525355  
Conc: 19.99 ng/ml



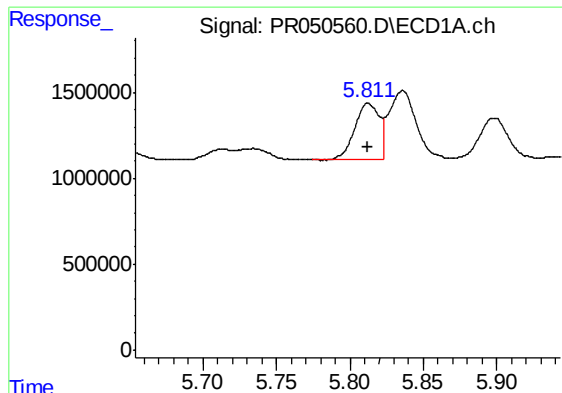
#20 AR-1242-5

R.T.: 6.736 min  
Delta R.T.: 0.000 min  
Response: 2726733  
Conc: 18.70 ng/ml



#20 AR-1242-5

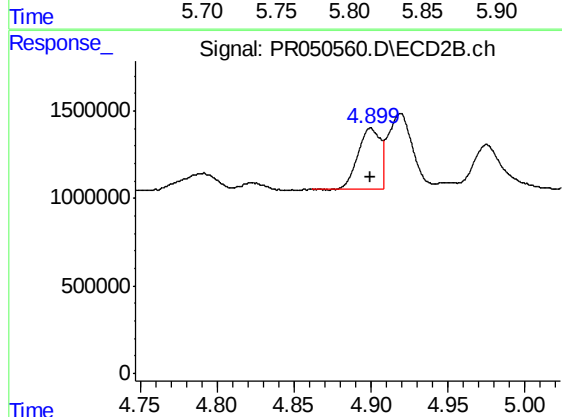
R.T.: 5.698 min  
Delta R.T.: 0.000 min  
Response: 3113389  
Conc: 17.19 ng/ml



#21 AR-1248-1

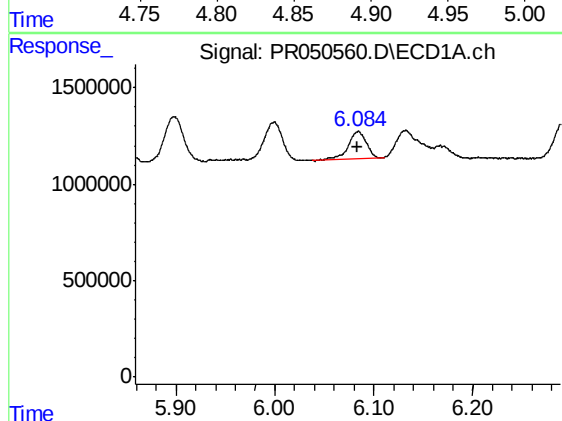
R.T.: 5.812 min  
Delta R.T.: 0.000 min  
Response: 3742328  
Conc: 28.68 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021



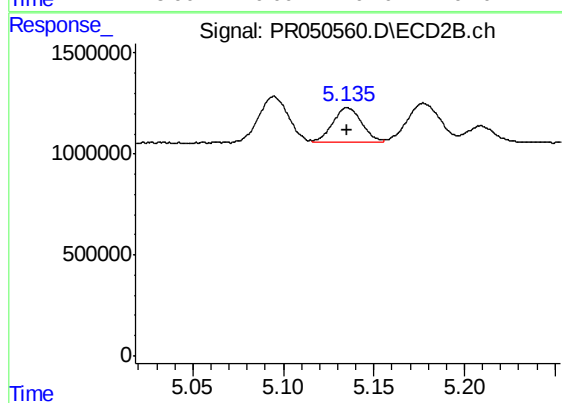
#21 AR-1248-1

R.T.: 4.900 min  
Delta R.T.: 0.000 min  
Response: 3512733  
Conc: 26.86 ng/ml



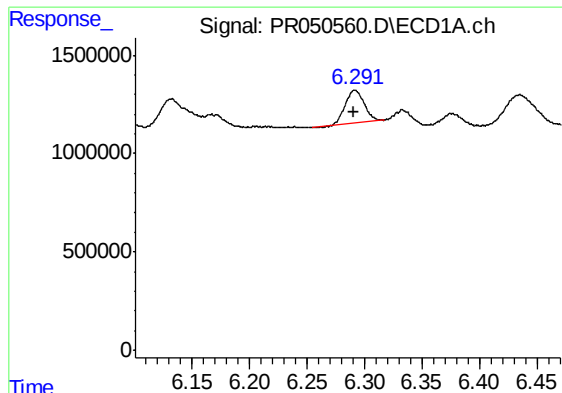
#22 AR-1248-2

R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 1846550  
Conc: 9.78 ng/ml



#22 AR-1248-2

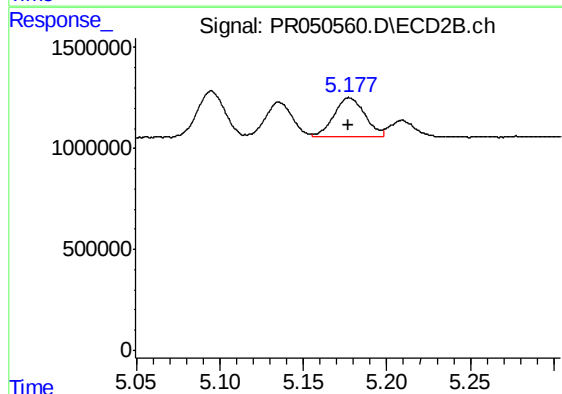
R.T.: 5.135 min  
Delta R.T.: 0.000 min  
Response: 1935339  
Conc: 11.00 ng/ml



#23 AR-1248-3

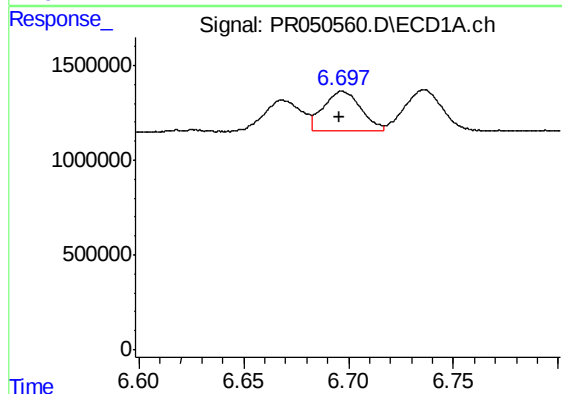
R.T.: 6.292 min  
Delta R.T.: 0.000 min  
Response: 1925136  
Conc: 8.86 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021



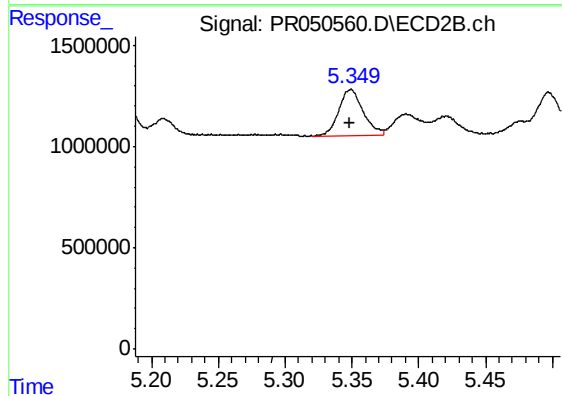
#23 AR-1248-3

R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 2525355  
Conc: 13.61 ng/ml



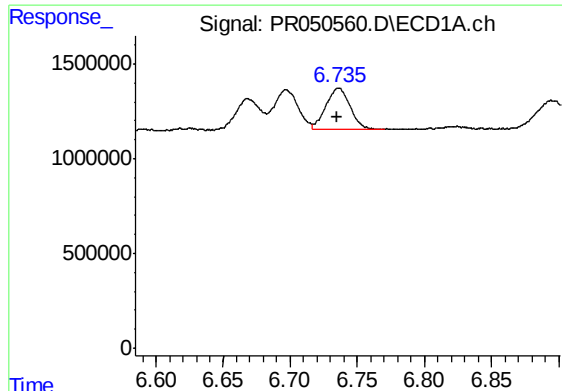
#24 AR-1248-4

R.T.: 6.697 min  
Delta R.T.: 0.001 min  
Response: 2568821  
Conc: 9.76 ng/ml



#24 AR-1248-4

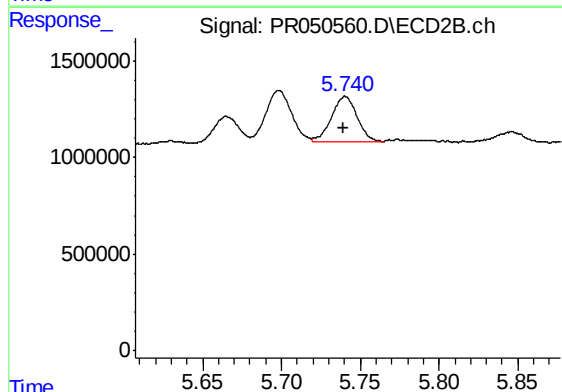
R.T.: 5.349 min  
Delta R.T.: 0.000 min  
Response: 2910172  
Conc: 12.52 ng/ml



#25 AR-1248-5

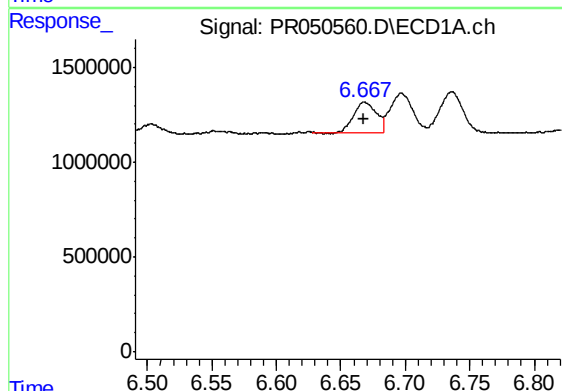
R.T.: 6.736 min  
Delta R.T.: 0.000 min  
Response: 2726733  
Conc: 10.87 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021



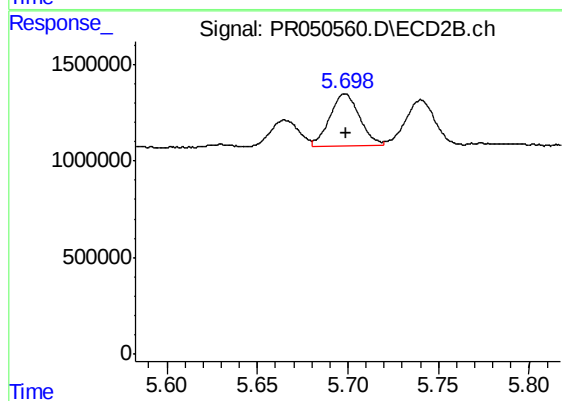
#25 AR-1248-5

R.T.: 5.740 min  
Delta R.T.: 0.000 min  
Response: 2670141  
Conc: 10.70 ng/ml



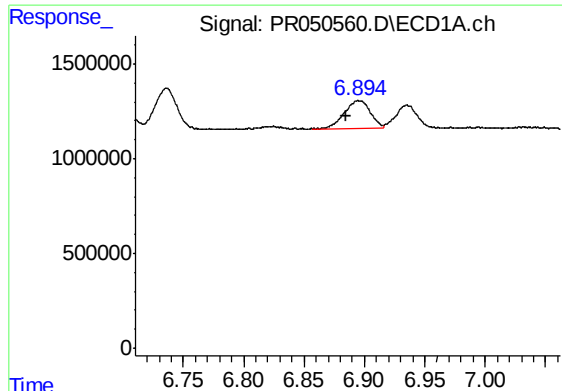
#26 AR-1254-1

R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 1919484  
Conc: 7.33 ng/ml



#26 AR-1254-1

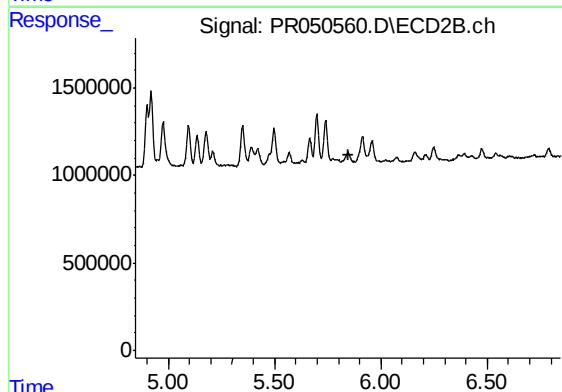
R.T.: 5.698 min  
Delta R.T.: 0.000 min  
Response: 3113389  
Conc: 8.29 ng/ml



#27 AR-1254-2

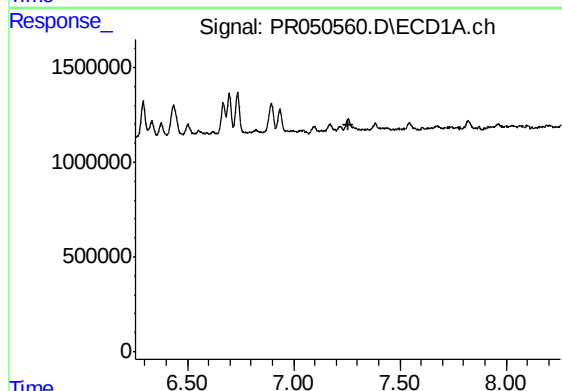
R.T.: 6.896 min  
Delta R.T.: 0.011 min  
Response: 2267974  
Conc: 5.45 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021



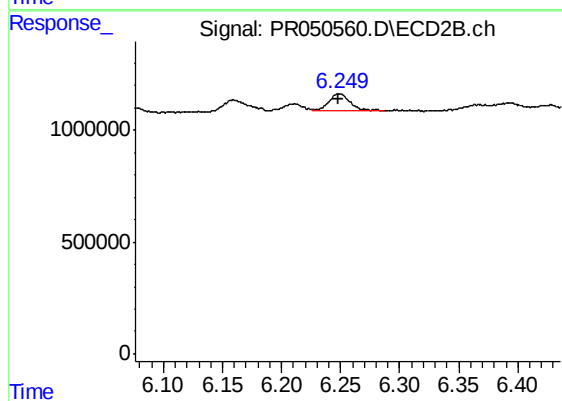
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.845 min  
Response: 0  
Conc: N.D.



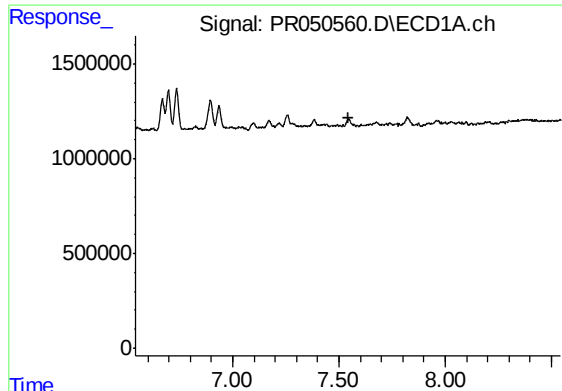
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 7.256 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

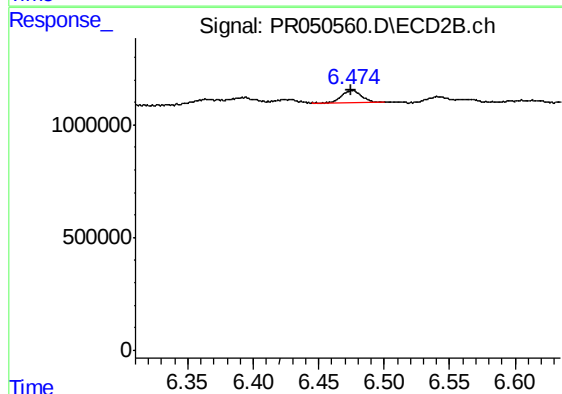
R.T.: 6.249 min  
Delta R.T.: 0.000 min  
Response: 999179  
Conc: 1.71 ng/ml



#29 AR-1254-4

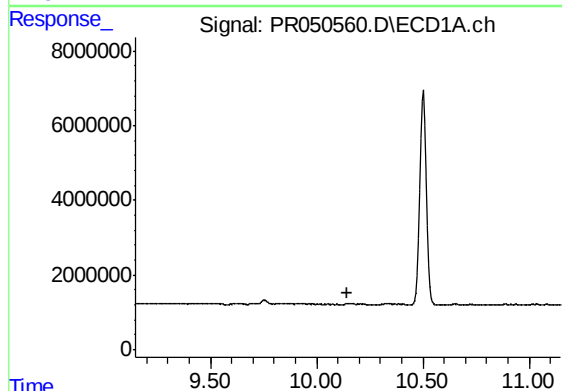
R.T.: 0.000 min  
Exp R.T. : 7.542 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2021



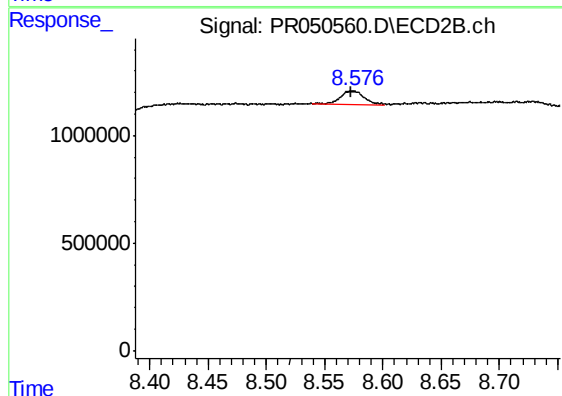
#29 AR-1254-4

R.T.: 6.475 min  
Delta R.T.: 0.000 min  
Response: 575718  
Conc: 1.54 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 10.147 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.574 min  
Delta R.T.: 0.000 min  
Response: 831547  
Conc: 0.29 ng/ml