

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080622\  
 Data File : PP050237.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Aug 2022 09:56  
 Operator : YP\AJ  
 Sample : N3980-01  
 Misc : AR1232 LOD 25 PPB  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 08 00:13:30 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080622.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sun Aug 07 23:52:23 2022  
 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... | 4.345  | 3.592  | 37777338 | 78004056 | 23.469 | 24.904   |
| 2)                          | SA Decachlor... | 10.092 | 8.556  | 43649941 | 37811608 | 24.788 | 24.568   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.666  | 0        | 1715618  | N.D.   | 16.879 # |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.683  | 0        | 2299274  | N.D.   | 15.896 # |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.858  | 0        | 1258900  | N.D.   | 16.590 # |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.901  | 0        | 1024895  | N.D.   | 17.590 # |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.110  | 0        | 1621413  | N.D.   | 21.221 # |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.802  | 0        | 825167   | N.D.   | 21.589 # |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.888  | 0        | 1554937  | N.D.   | 54.453 # |
| 10)                         | L2 AR-1221-3    | 4.722  | 3.962  | 1222668  | 2436171  | 27.176 | 28.456   |
| 11)                         | L3 AR-1232-1    | 4.722  | 3.962  | 1222668  | 2436171  | 32.708 | 34.897   |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.683  | 0        | 2299274  | N.D.   | 35.764 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.858  | 0        | 1258900  | N.D.   | 37.534 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.940  | 0        | 1115852  | N.D.   | 37.877 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.110  | 0        | 1621413  | N.D.   | 49.237 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.666  | 0        | 1715618  | N.D.   | 20.695 # |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.683  | 0        | 2299274  | N.D.   | 19.689 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.858  | 0        | 1258900  | N.D.   | 20.530 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.940  | 0        | 1115852  | N.D.   | 19.062 # |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.459  | 0        | 1276936  | N.D.   | 18.371 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.666  | 0        | 1715618  | N.D.   | 25.670 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.901  | 0        | 1024895  | N.D.   | 11.864 # |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.940  | 0        | 1115852  | N.D.   | 12.309 # |
| 24)                         | L5 AR-1248-4    | 6.383f | 5.110  | 1431851  | 1621413  | 18.101 | 15.384   |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.498  | 0        | 1093636  | N.D.   | 11.015 # |
| 26)                         | L6 AR-1254-1    | 6.383  | 5.459  | 1431851  | 1276936  | 20.654 | 9.663 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.605  | 0        | 528560   | N.D.   | 4.850 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.008  | 0        | 259514   | N.D.   | 1.631 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.234  | 0        | 191646   | N.D.   | 1.971 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.314  | 0        | 430929   | N.D.   | 3.208 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.462f | 0        | 159448   | N.D.   | 1.324 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.478  | 0        | 349951   | N.D.   | 4.822 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.478  | 0        | 349951   | N.D.   | 1.593 #  |
| 45)                         | L9 AR-1268-5    | 9.787f | 8.310  | 2645396  | 199087   | 3.966  | 0.362 #  |
| -----                       |                 |        |        |          |          |        |          |

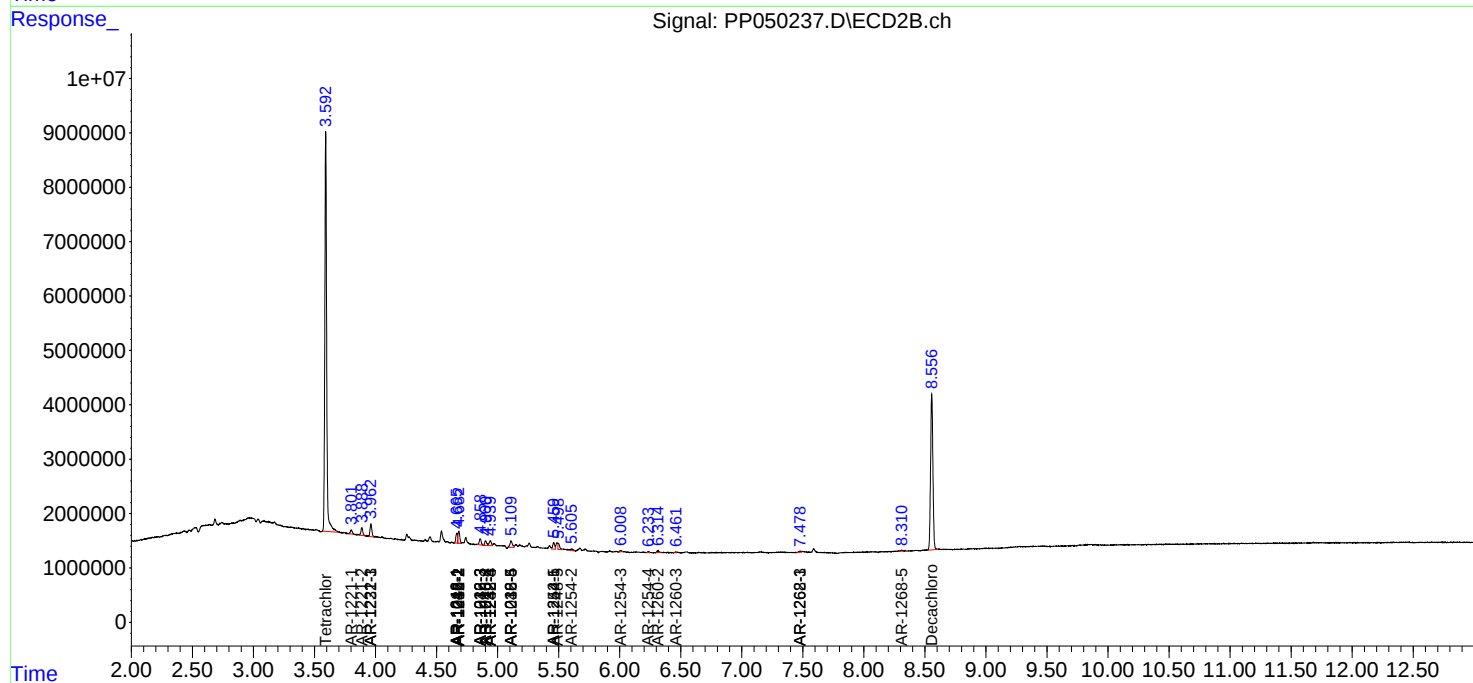
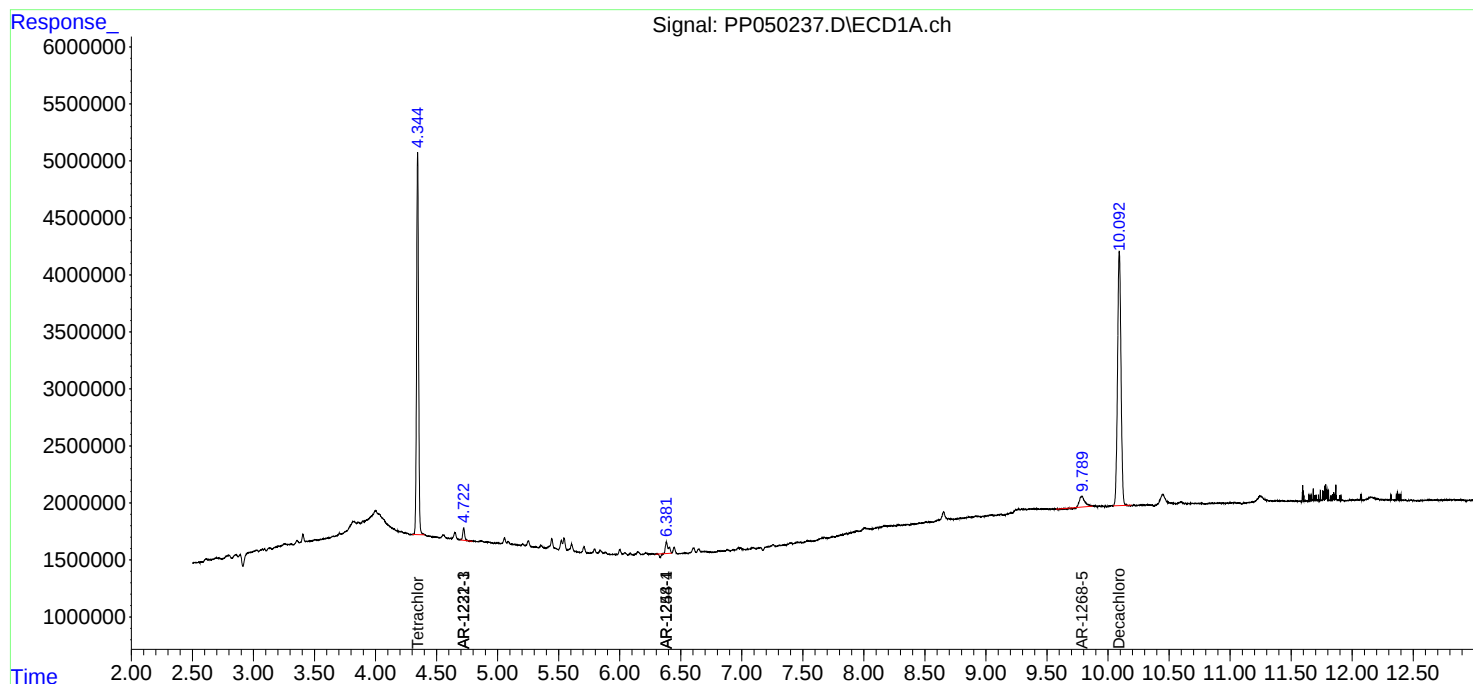
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

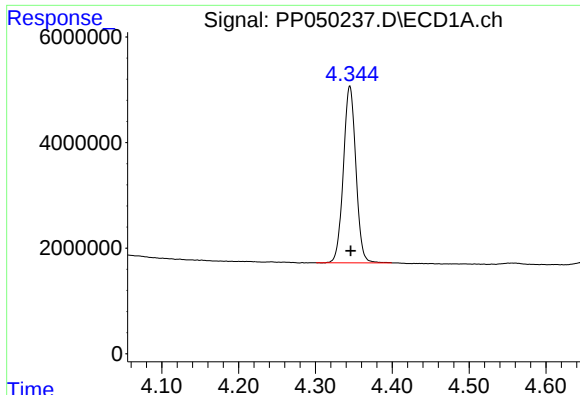
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080622\  
Data File : PP050237.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Aug 2022 09:56  
Operator : YP\AJ  
Sample : N3980-01  
Misc : AR1232 LOD 25 PPB  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 08 00:13:30 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080622.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sun Aug 07 23:52:23 2022  
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

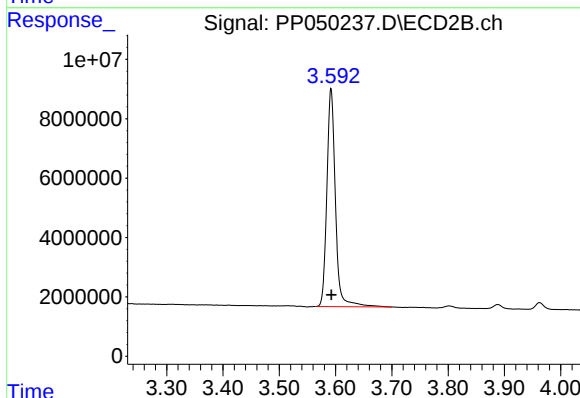




#1 Tetrachloro-m-xylene

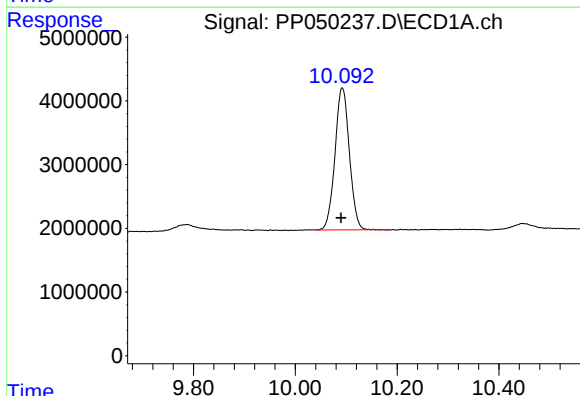
R.T.: 4.345 min  
Delta R.T.: -0.001 min  
Response: 37777338  
Conc: 23.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



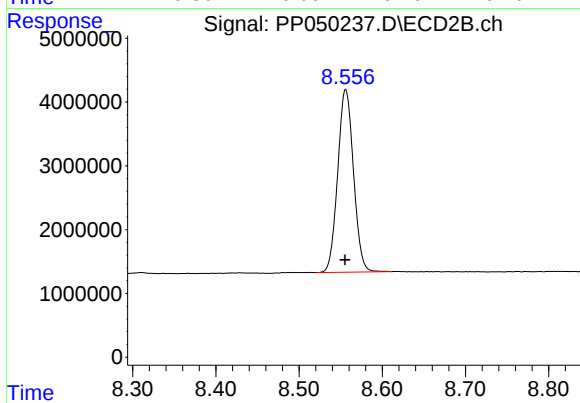
#1 Tetrachloro-m-xylene

R.T.: 3.592 min  
Delta R.T.: 0.000 min  
Response: 78004056  
Conc: 24.90 ng/ml



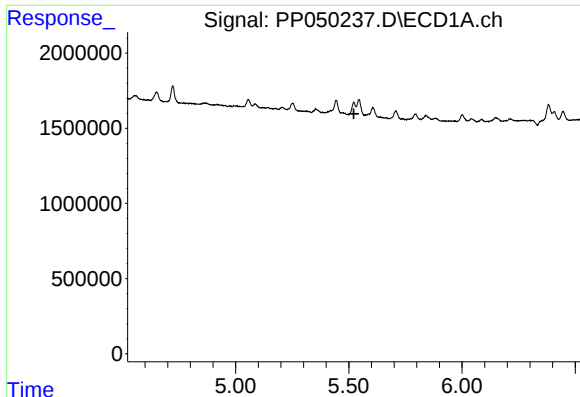
#2 Decachlorobiphenyl

R.T.: 10.092 min  
Delta R.T.: 0.003 min  
Response: 43649941  
Conc: 24.79 ng/ml



#2 Decachlorobiphenyl

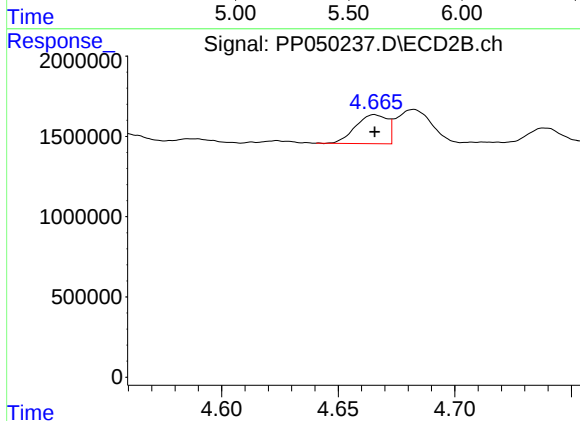
R.T.: 8.556 min  
Delta R.T.: 0.000 min  
Response: 37811608  
Conc: 24.57 ng/ml



#3 AR-1016-1

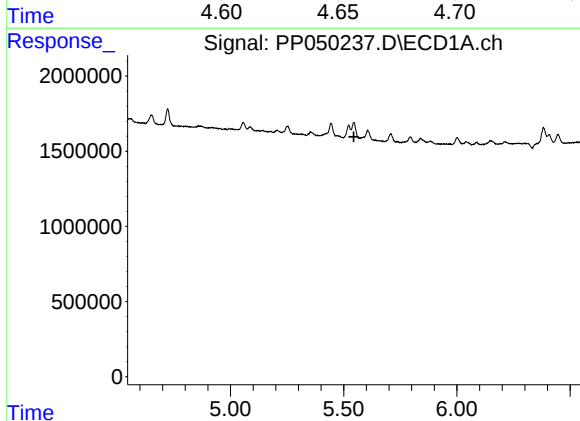
R.T.: 0.000 min  
Exp R.T.: 5.522 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



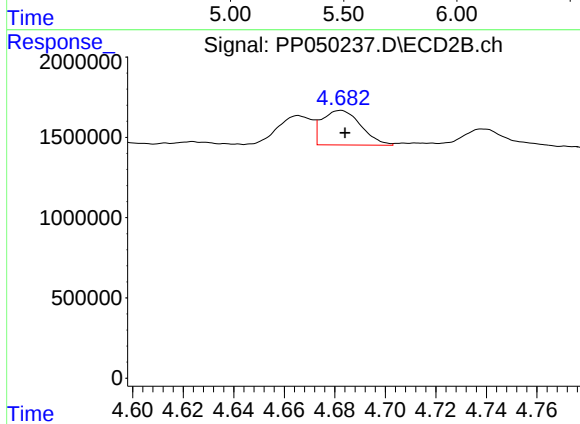
#3 AR-1016-1

R.T.: 4.666 min  
Delta R.T.: 0.000 min  
Response: 1715618  
Conc: 16.88 ng/ml



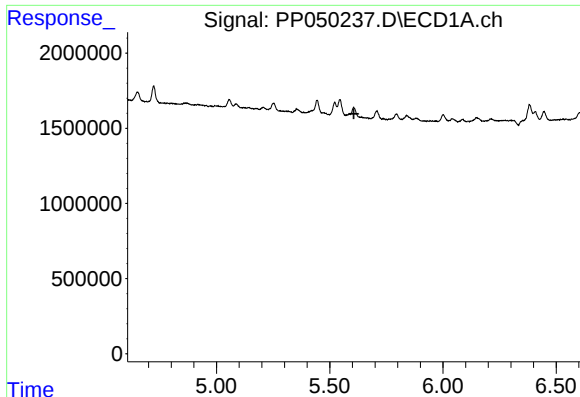
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.545 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

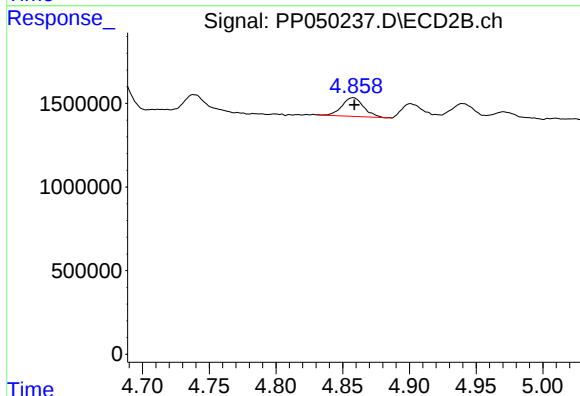
R.T.: 4.683 min  
Delta R.T.: -0.001 min  
Response: 2299274  
Conc: 15.90 ng/ml



#5 AR-1016-3

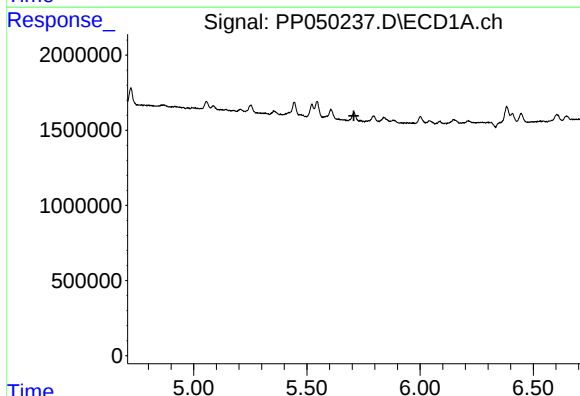
R.T.: 0.000 min  
Exp R.T.: 5.606 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



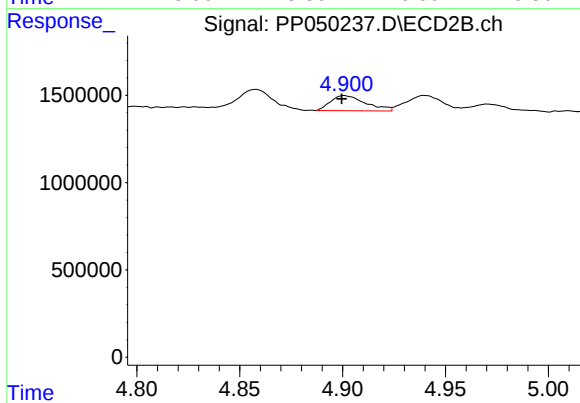
#5 AR-1016-3

R.T.: 4.858 min  
Delta R.T.: 0.000 min  
Response: 1258900  
Conc: 16.59 ng/ml



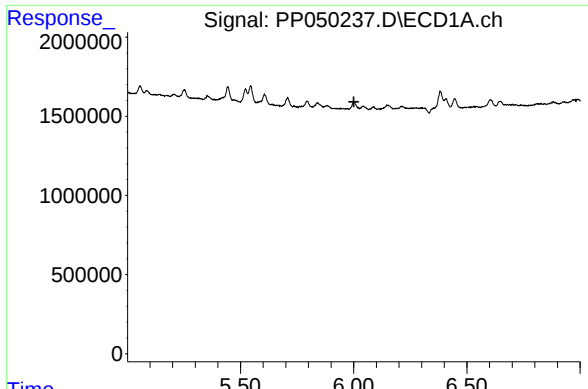
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.707 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

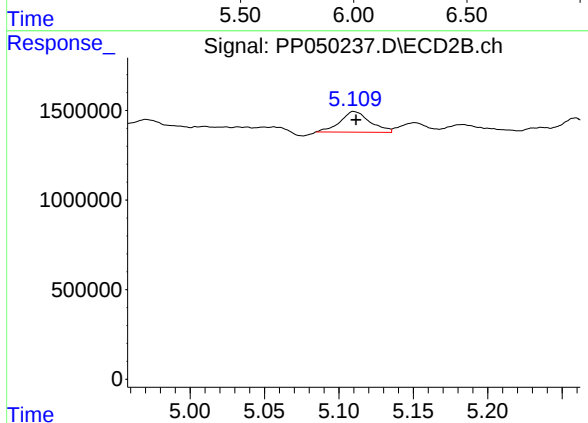
R.T.: 4.901 min  
Delta R.T.: 0.001 min  
Response: 1024895  
Conc: 17.59 ng/ml



#7 AR-1016-5

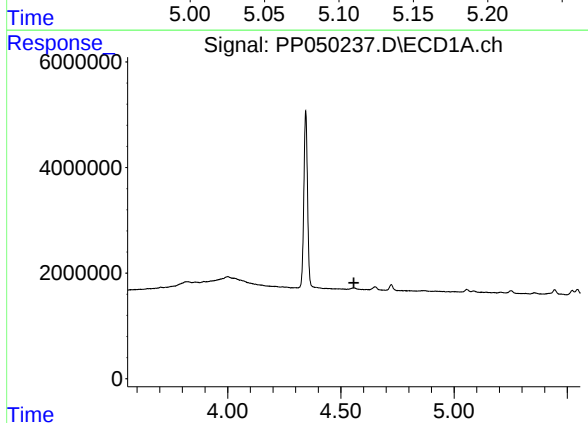
R.T.: 0.000 min  
Exp R.T. : 6.001 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



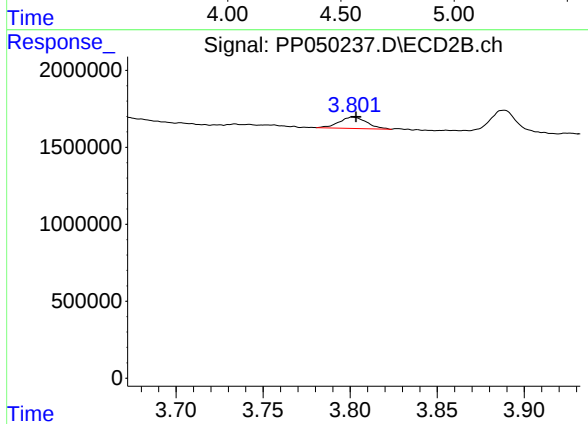
#7 AR-1016-5

R.T.: 5.110 min  
Delta R.T.: -0.002 min  
Response: 1621413  
Conc: 21.22 ng/ml



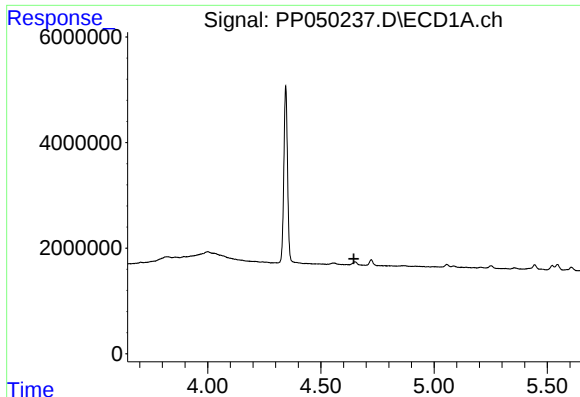
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.558 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

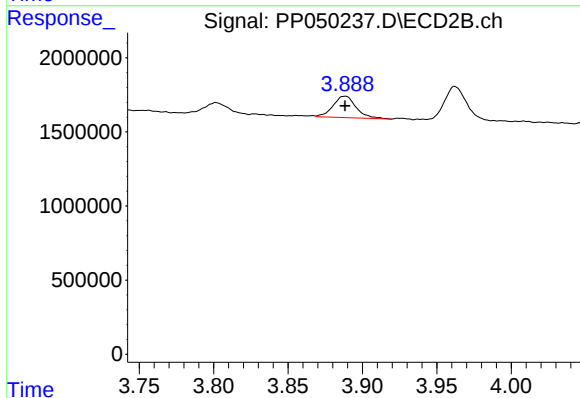
R.T.: 3.802 min  
Delta R.T.: -0.002 min  
Response: 825167  
Conc: 21.59 ng/ml



#9 AR-1221-2

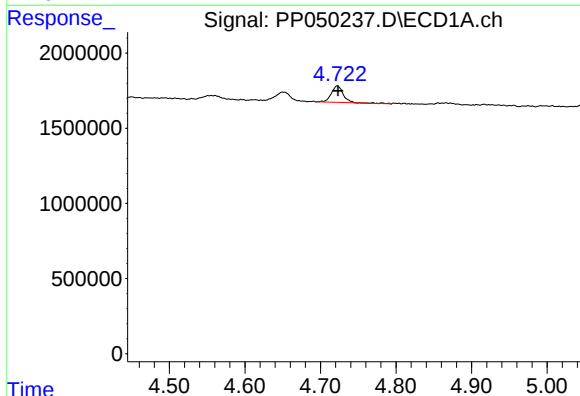
R.T.: 0.000 min  
Exp R.T.: 4.646 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



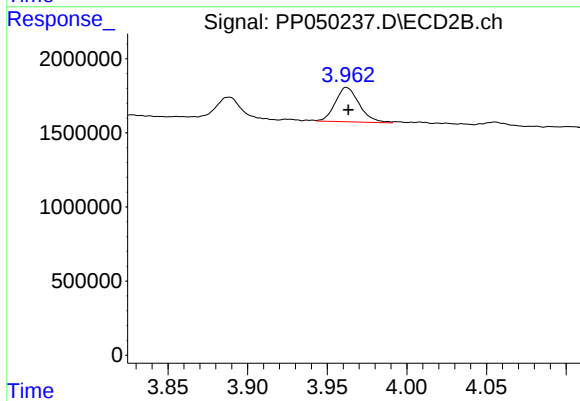
#9 AR-1221-2

R.T.: 3.888 min  
Delta R.T.: 0.000 min  
Response: 1554937  
Conc: 54.45 ng/ml



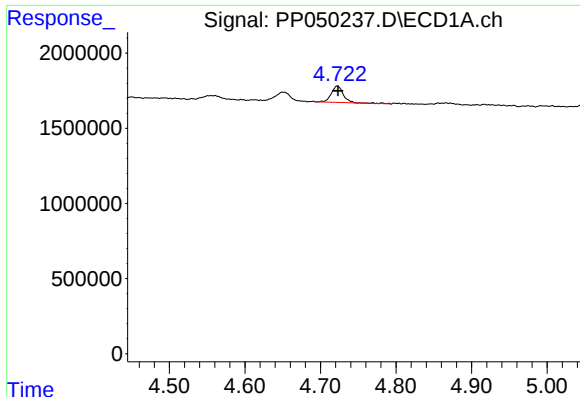
#10 AR-1221-3

R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 1222668  
Conc: 27.18 ng/ml



#10 AR-1221-3

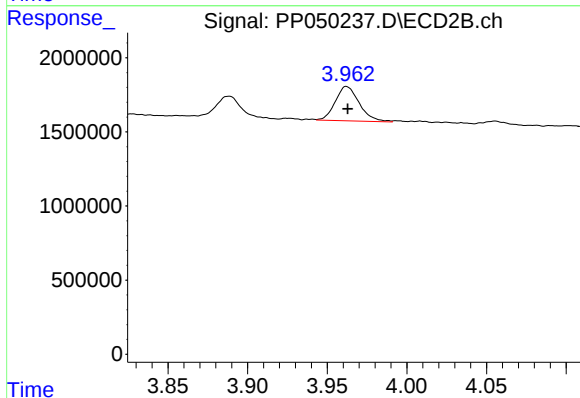
R.T.: 3.962 min  
Delta R.T.: -0.001 min  
Response: 2436171  
Conc: 28.46 ng/ml



#11 AR-1232-1

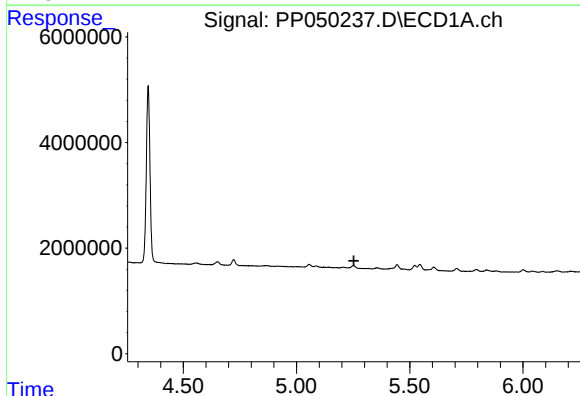
R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 1222668  
Conc: 32.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



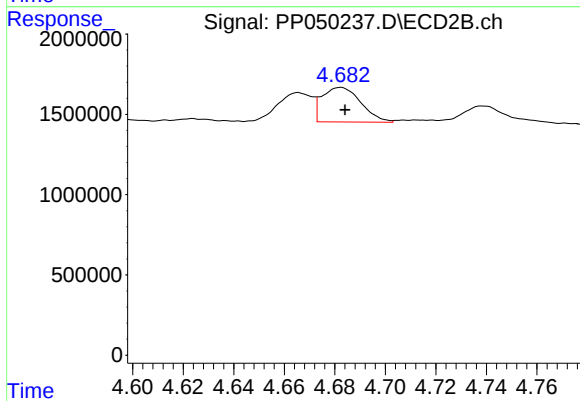
#11 AR-1232-1

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 2436171  
Conc: 34.90 ng/ml



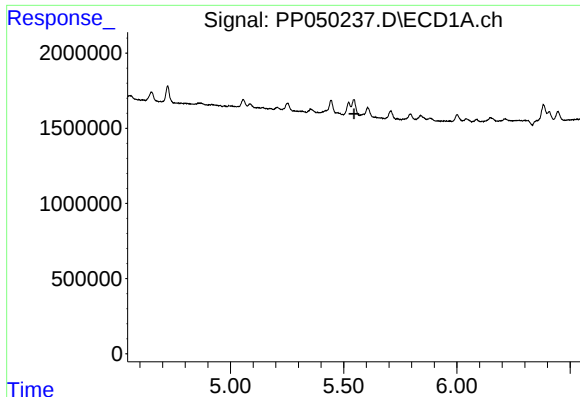
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.254 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

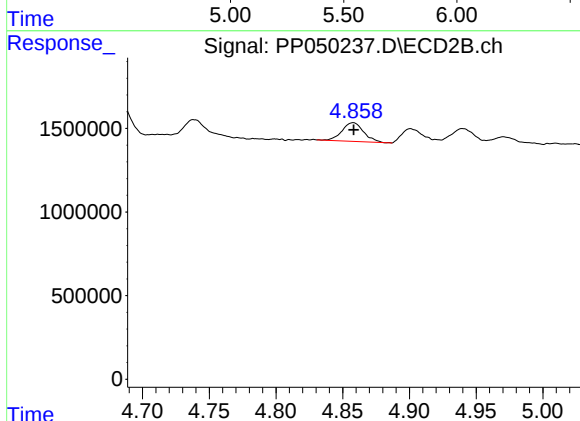
R.T.: 4.683 min  
Delta R.T.: -0.001 min  
Response: 2299274  
Conc: 35.76 ng/ml



#13 AR-1232-3

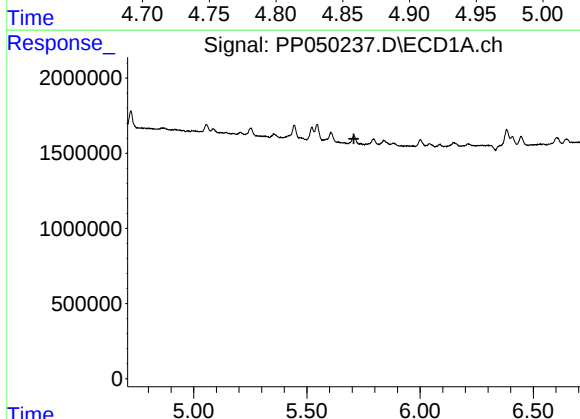
R.T.: 0.000 min  
Exp R.T.: 5.545 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



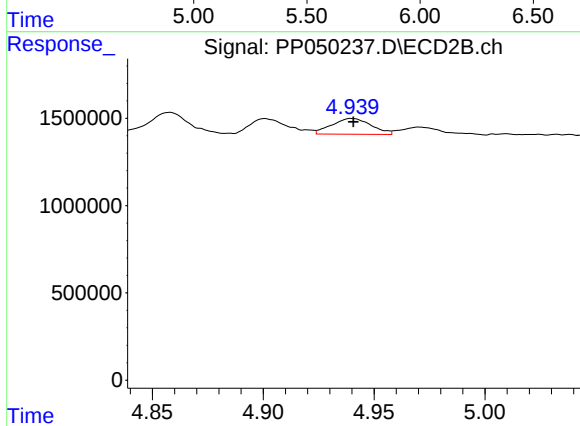
#13 AR-1232-3

R.T.: 4.858 min  
Delta R.T.: 0.000 min  
Response: 1258900  
Conc: 37.53 ng/ml



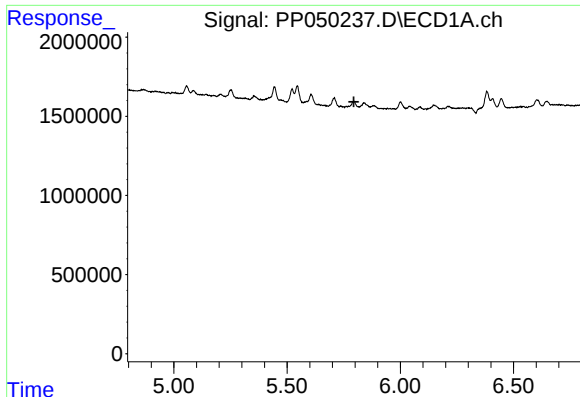
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.708 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

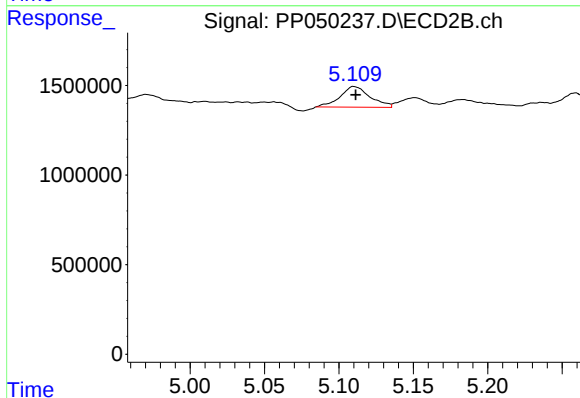
R.T.: 4.940 min  
Delta R.T.: 0.000 min  
Response: 1115852  
Conc: 37.88 ng/ml



#15 AR-1232-5

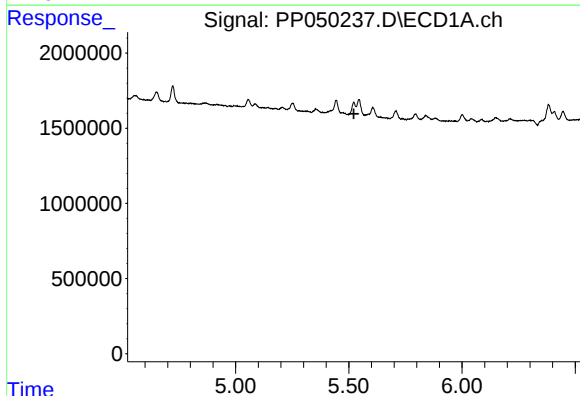
R.T.: 0.000 min  
Exp R.T.: 5.795 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



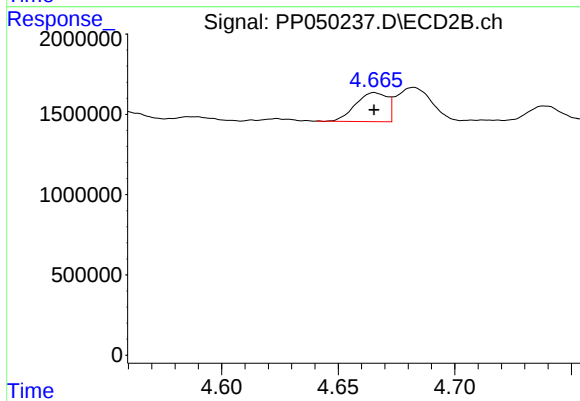
#15 AR-1232-5

R.T.: 5.110 min  
Delta R.T.: -0.001 min  
Response: 1621413  
Conc: 49.24 ng/ml



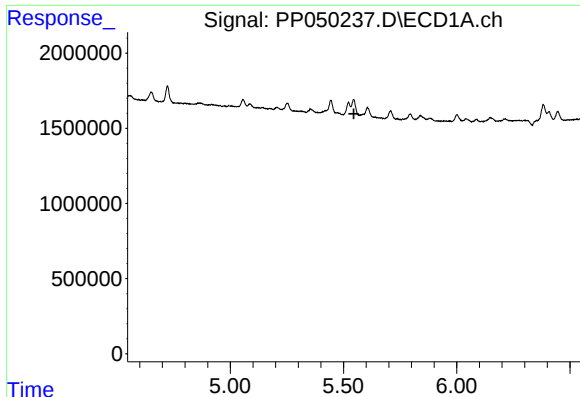
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 5.523 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

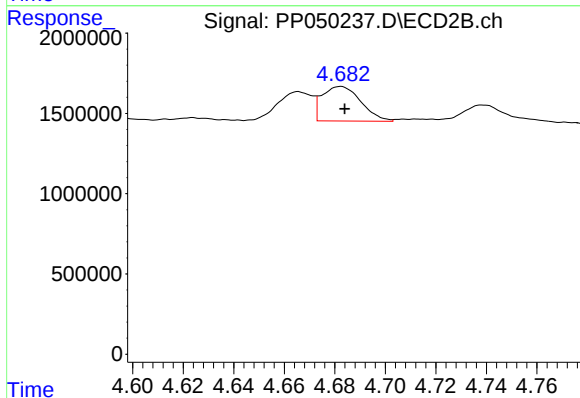
R.T.: 4.666 min  
Delta R.T.: 0.000 min  
Response: 1715618  
Conc: 20.70 ng/ml



#17 AR-1242-2

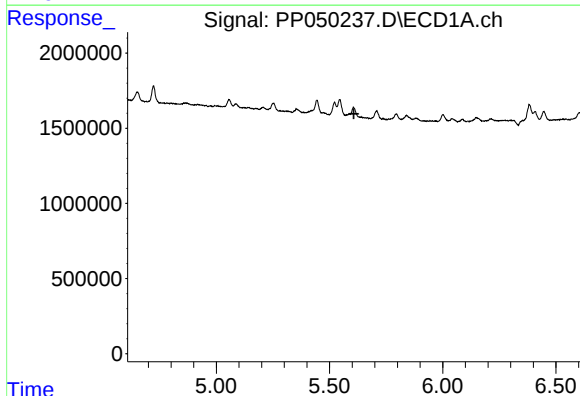
R.T.: 0.000 min  
Exp R.T.: 5.546 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



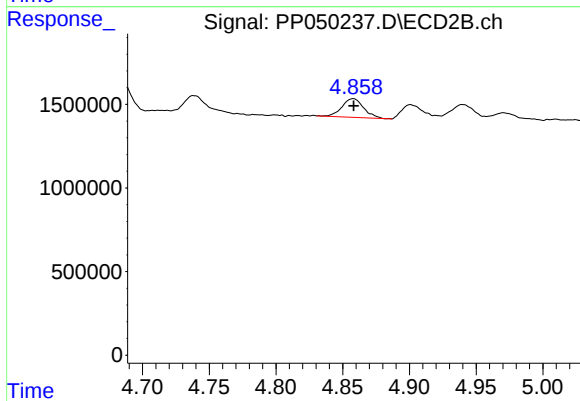
#17 AR-1242-2

R.T.: 4.683 min  
Delta R.T.: -0.001 min  
Response: 2299274  
Conc: 19.69 ng/ml



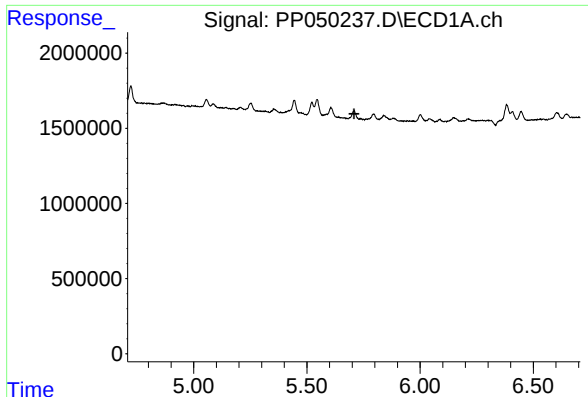
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.607 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

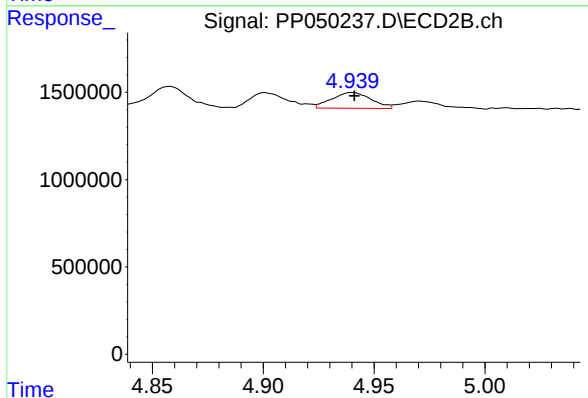
R.T.: 4.858 min  
Delta R.T.: 0.000 min  
Response: 1258900  
Conc: 20.53 ng/ml



#19 AR-1242-4

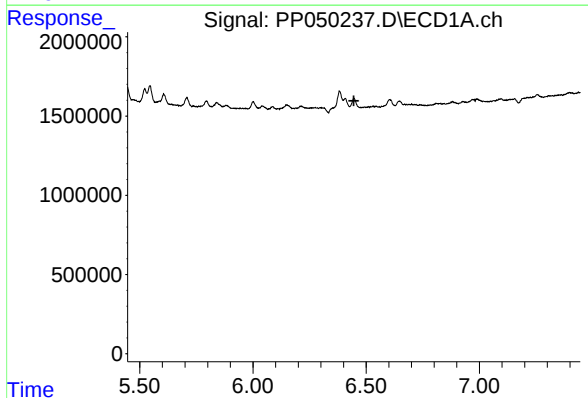
R.T.: 0.000 min  
Exp R.T.: 5.708 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



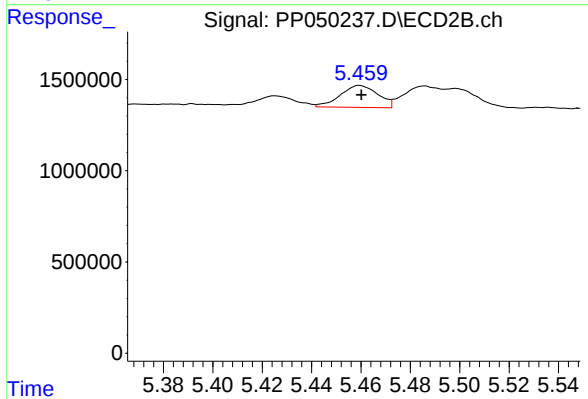
#19 AR-1242-4

R.T.: 4.940 min  
Delta R.T.: -0.001 min  
Response: 1115852  
Conc: 19.06 ng/ml



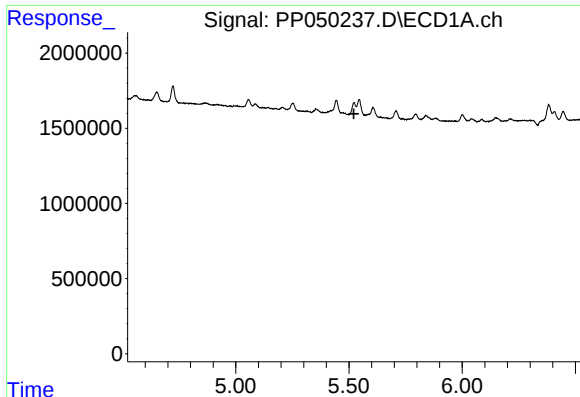
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.446 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

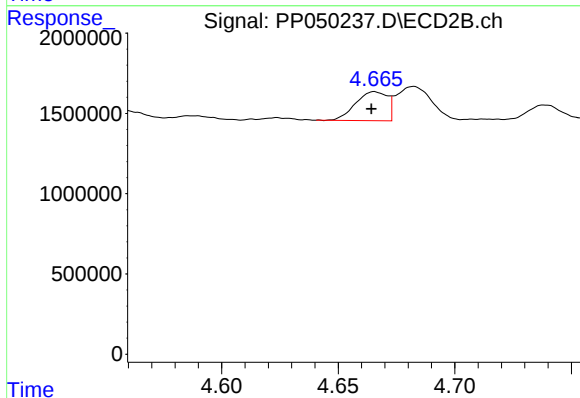
R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 1276936  
Conc: 18.37 ng/ml



#21 AR-1248-1

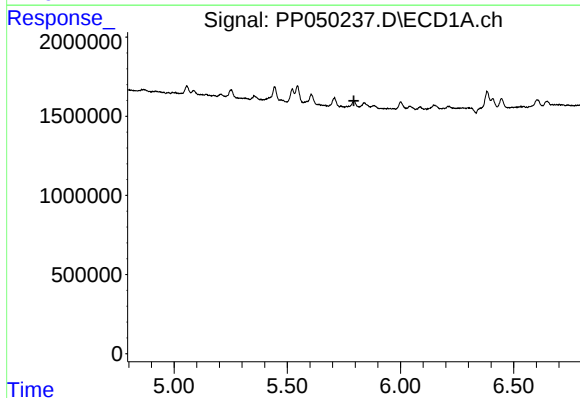
R.T.: 0.000 min  
Exp R.T.: 5.522 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



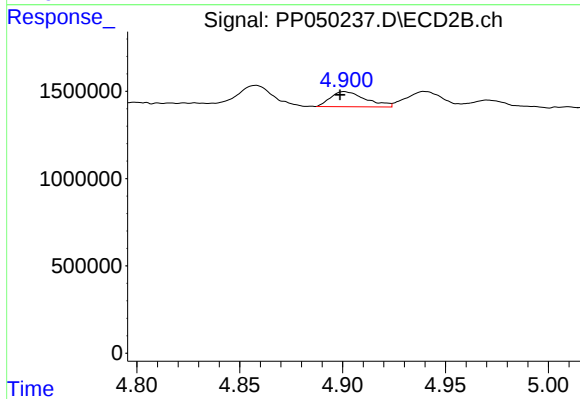
#21 AR-1248-1

R.T.: 4.666 min  
Delta R.T.: 0.001 min  
Response: 1715618  
Conc: 25.67 ng/ml



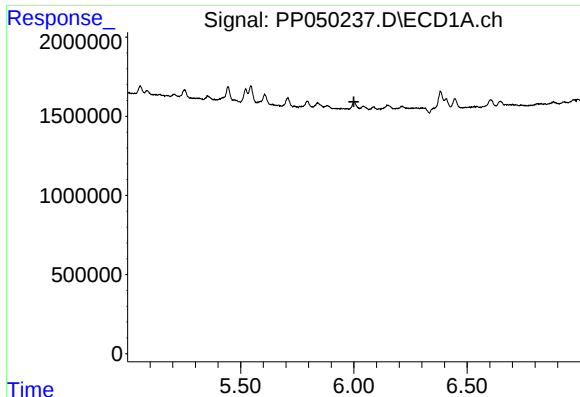
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.794 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

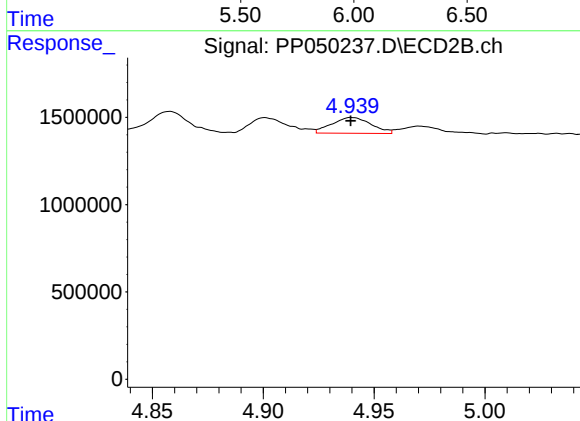
R.T.: 4.901 min  
Delta R.T.: 0.002 min  
Response: 1024895  
Conc: 11.86 ng/ml



#23 AR-1248-3

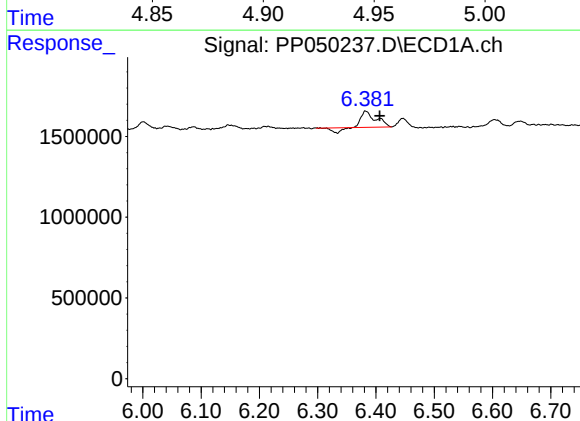
R.T.: 0.000 min  
Exp R.T.: 6.000 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



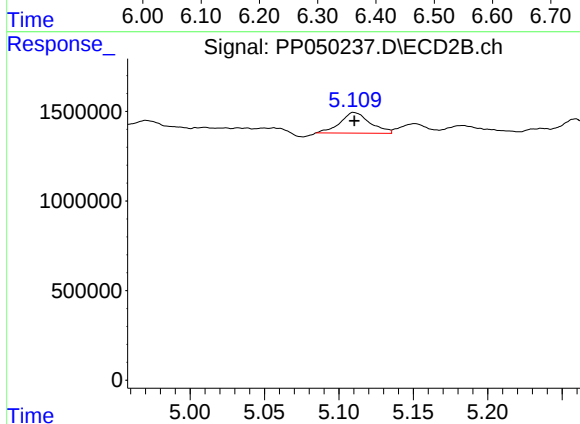
#23 AR-1248-3

R.T.: 4.940 min  
Delta R.T.: 0.000 min  
Response: 1115852  
Conc: 12.31 ng/ml



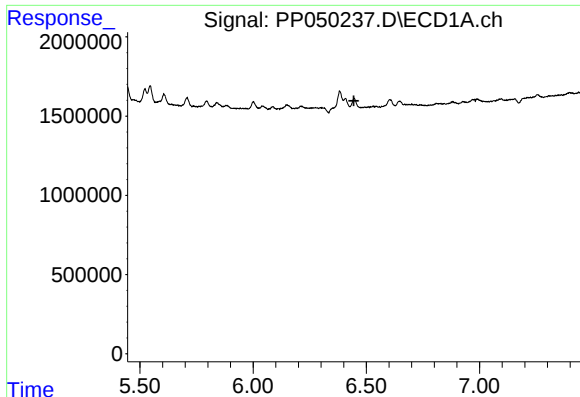
#24 AR-1248-4

R.T.: 6.383 min  
Delta R.T.: -0.023 min  
Response: 1431851  
Conc: 18.10 ng/ml



#24 AR-1248-4

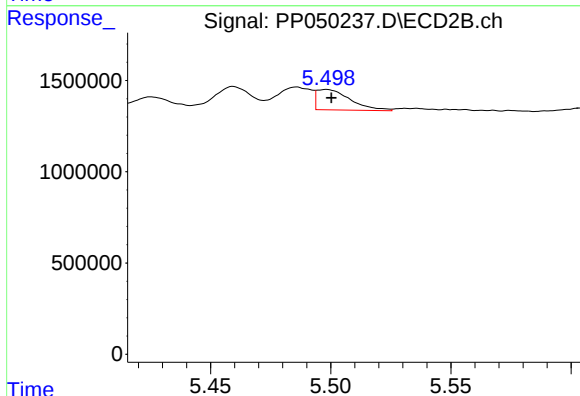
R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 1621413  
Conc: 15.38 ng/ml



#25 AR-1248-5

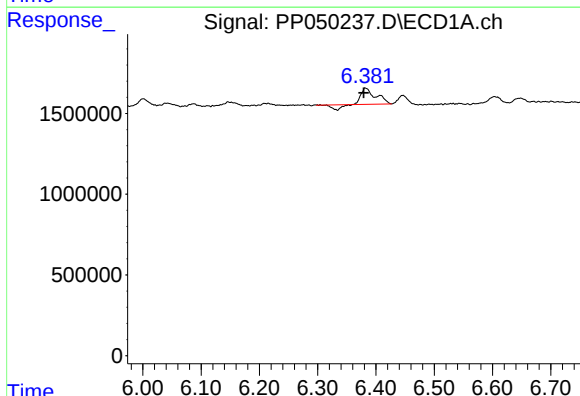
R.T.: 0.000 min  
Exp R.T.: 6.445 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



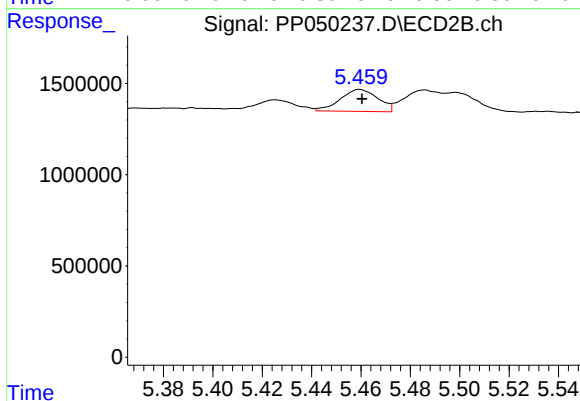
#25 AR-1248-5

R.T.: 5.498 min  
Delta R.T.: -0.002 min  
Response: 1093636  
Conc: 11.01 ng/ml



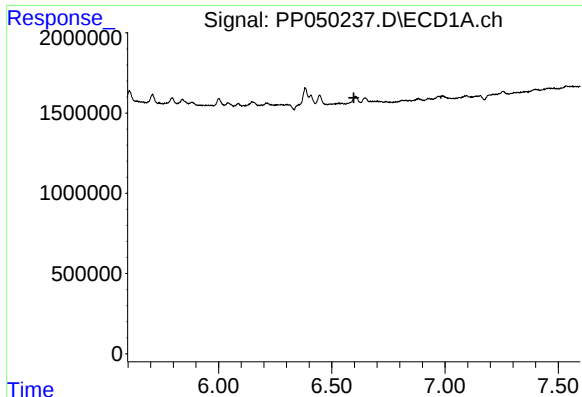
#26 AR-1254-1

R.T.: 6.383 min  
Delta R.T.: 0.004 min  
Response: 1431851  
Conc: 20.65 ng/ml



#26 AR-1254-1

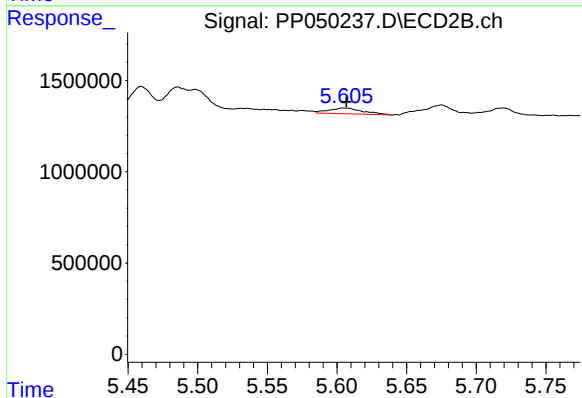
R.T.: 5.459 min  
Delta R.T.: -0.001 min  
Response: 1276936  
Conc: 9.66 ng/ml



#27 AR-1254-2

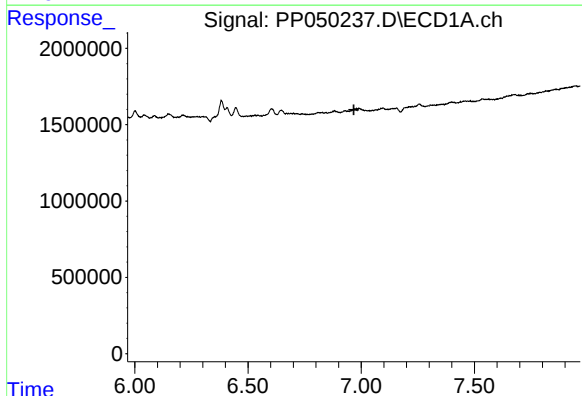
R.T.: 0.000 min  
Exp R.T.: 6.598 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



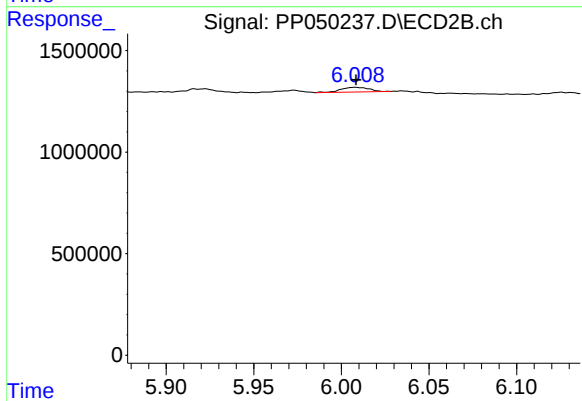
#27 AR-1254-2

R.T.: 5.605 min  
Delta R.T.: -0.002 min  
Response: 528560  
Conc: 4.85 ng/ml



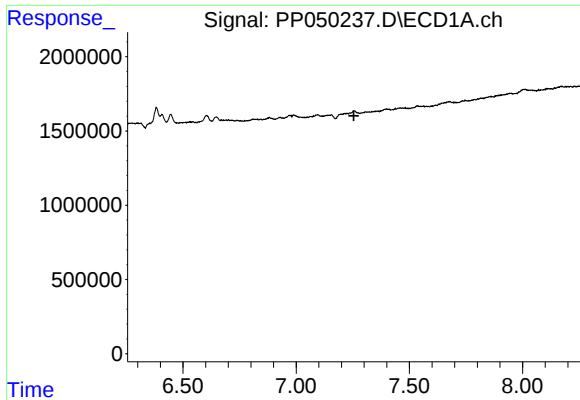
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 6.967 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

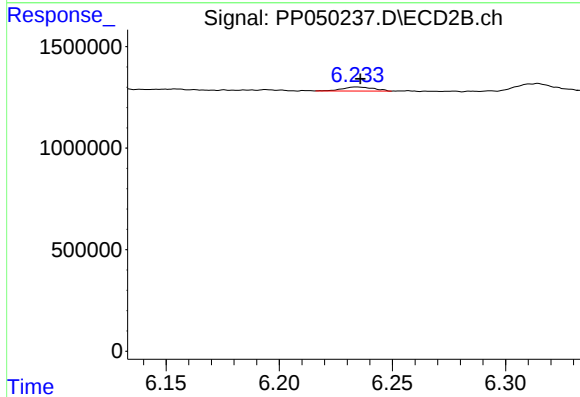
R.T.: 6.008 min  
Delta R.T.: 0.000 min  
Response: 259514  
Conc: 1.63 ng/ml



#29 AR-1254-4

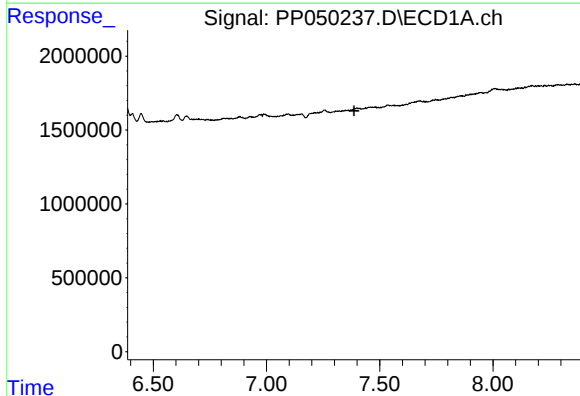
R.T.: 0.000 min  
Exp R.T.: 7.255 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



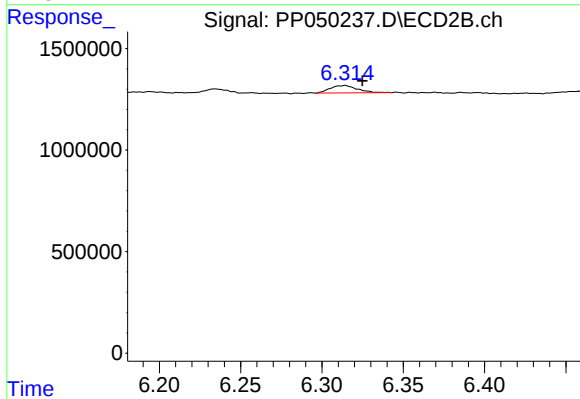
#29 AR-1254-4

R.T.: 6.234 min  
Delta R.T.: -0.002 min  
Response: 191646  
Conc: 1.97 ng/ml



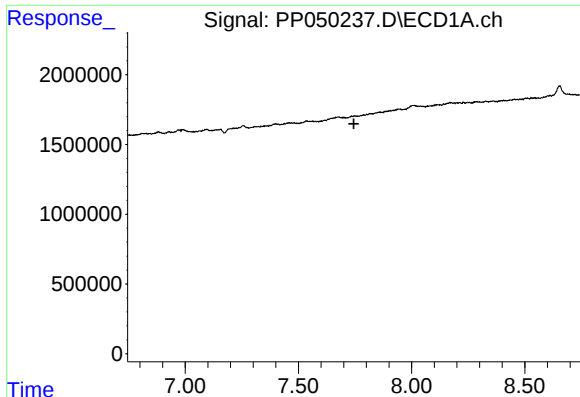
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 7.386 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

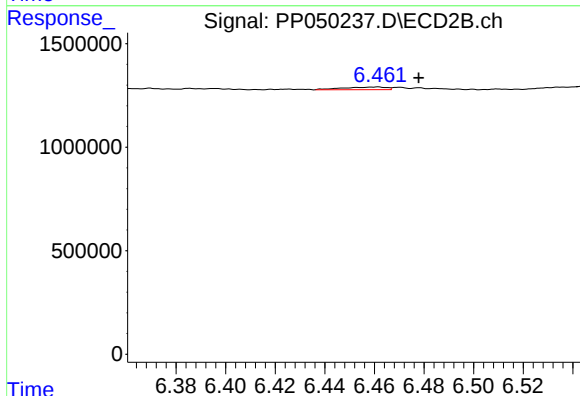
R.T.: 6.314 min  
Delta R.T.: -0.010 min  
Response: 430929  
Conc: 3.21 ng/ml



#33 AR-1260-3

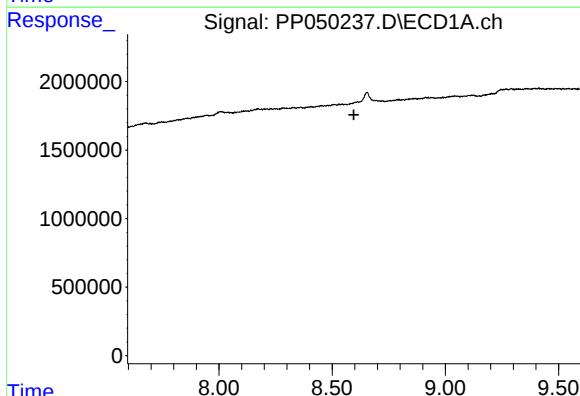
R.T.: 0.000 min  
Exp R.T.: 7.745 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



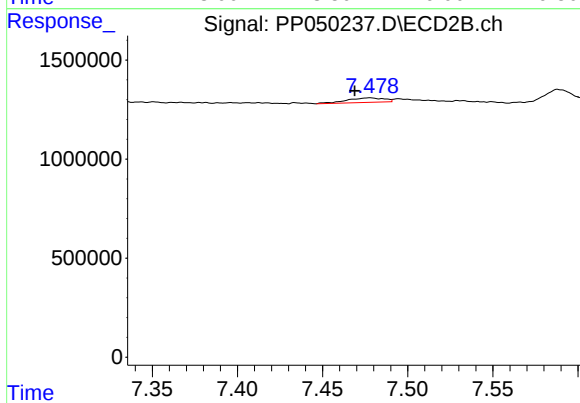
#33 AR-1260-3

R.T.: 6.462 min  
Delta R.T.: -0.016 min  
Response: 159448  
Conc: 1.32 ng/ml



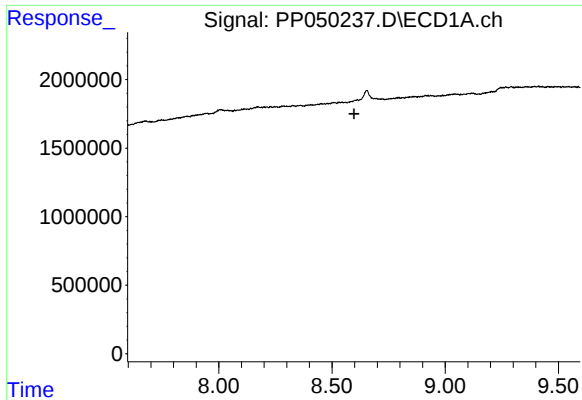
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 8.596 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

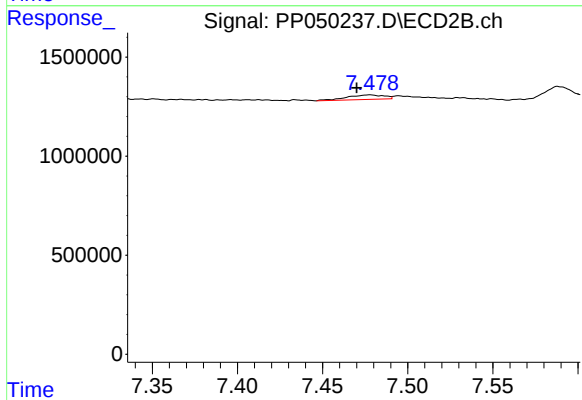
R.T.: 7.478 min  
Delta R.T.: 0.009 min  
Response: 349951  
Conc: 4.82 ng/ml



#41 AR-1268-1

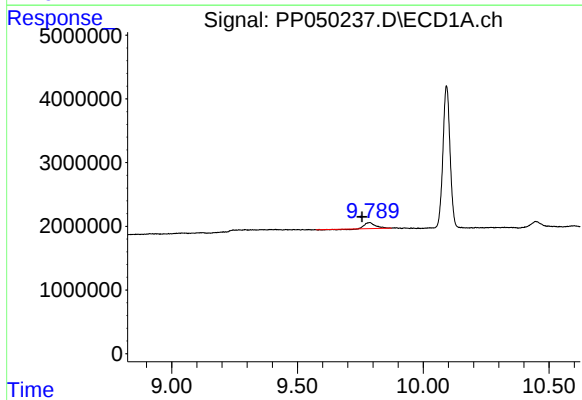
R.T.: 0.000 min  
Exp R.T.: 8.597 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2022



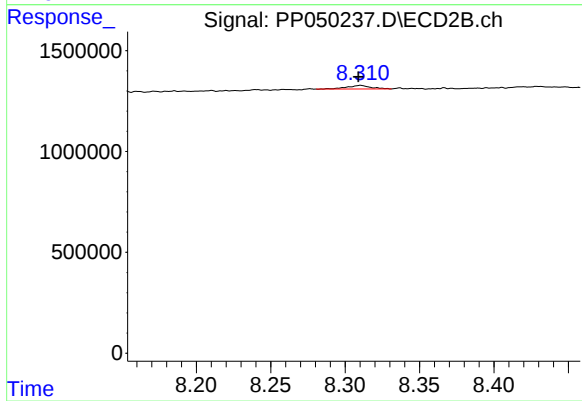
#41 AR-1268-1

R.T.: 7.478 min  
Delta R.T.: 0.008 min  
Response: 349951  
Conc: 1.59 ng/ml



#45 AR-1268-5

R.T.: 9.787 min  
Delta R.T.: 0.030 min  
Response: 2645396  
Conc: 3.97 ng/ml



#45 AR-1268-5

R.T.: 8.310 min  
Delta R.T.: 0.001 min  
Response: 199087  
Conc: 0.36 ng/ml