

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR042919\  
 Data File : PR037485.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2019 23:40  
 Operator : SM\SJ  
 Sample : K2241-01  
 Misc : AR1268 LOD 25PPB  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 04:01:11 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR042219.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Apr 22 17:27:39 2019  
 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... | 4.362 | 3.406 | 28250273 | 107.0E6  | 22.582 | 22.306   |
| 2)                          | SA Decachlor... | 9.990 | 8.246 | 34956461 | 169.8E6  | 26.430 | 29.160   |
| Target Compounds            |                 |       |       |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.458 | 0        | 911270   | N.D.   | 5.005 #  |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.458 | 0        | 911270   | N.D.   | 3.230 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.693 | 0        | 701274   | N.D.   | 6.339 #  |
| 9)                          | L2 AR-1221-2    | 4.668 | 3.696 | 562425   | 1578045  | 62.188 | 42.494 # |
| 10)                         | L2 AR-1221-3    | 4.668 | 3.809 | 562425   | 175346   | 18.350 | 1.432 #  |
| 11)                         | L3 AR-1232-1    | 4.668 | 3.809 | 562425   | 175346   | 19.228 | 1.499 #  |
| 12)                         | L3 AR-1232-2    | 0.000 | 4.458 | 0        | 911270   | N.D.   | 6.593 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.715 | 0        | 225729   | N.D.   | 3.783 #  |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.458 | 0        | 911270   | N.D.   | 6.219 #  |
| 17)                         | L4 AR-1242-2    | 0.000 | 4.458 | 0        | 911270   | N.D.   | 3.994 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.715 | 0        | 225729   | N.D.   | 2.054 #  |
| 20)                         | L4 AR-1242-5    | 0.000 | 5.230 | 0        | 387482   | N.D.   | 2.338 #  |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.458 | 0        | 911270   | N.D.   | 9.053 #  |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.693 | 0        | 701274   | N.D.   | 5.139 #  |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.715 | 0        | 225729   | N.D.   | 1.613 #  |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.267 | 0        | 824687   | N.D.   | 4.216 #  |
| 26)                         | L6 AR-1254-1    | 0.000 | 5.230 | 0        | 387482   | N.D.   | 1.125 #  |
| 27)                         | L6 AR-1254-2    | 0.000 | 5.394 | 0        | 1107045  | N.D.   | 3.696 #  |
| 28)                         | L6 AR-1254-3    | 6.969 | 5.762 | 558151   | 628367   | 6.136  | 1.327 #  |
| 29)                         | L6 AR-1254-4    | 0.000 | 5.987 | 0        | 86707    | N.D.   | 0.247 #  |
| 30)                         | L6 AR-1254-5    | 7.721 | 6.394 | 1530204  | 1591024  | 21.288 | 3.593 #  |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.888 | 0        | 165600   | N.D.   | 0.567 #  |
| 32)                         | L7 AR-1260-2    | 0.000 | 6.070 | 0        | 3076128  | N.D.   | 6.679 #  |
| 33)                         | L7 AR-1260-3    | 7.721 | 6.225 | 1530204  | 530824   | 24.454 | 1.489 #  |
| 34)                         | L7 AR-1260-4    | 7.964 | 6.679 | 1997426  | 9030568  | 26.846 | 29.631   |
| 35)                         | L7 AR-1260-5    | 8.260 | 6.928 | 972672   | 3685699  | 6.726  | 4.250 #  |
| 36)                         | L8 AR-1262-1    | 7.721 | 6.490 | 1530204  | 3666891  | 14.650 | 14.631   |
| 37)                         | L8 AR-1262-2    | 8.260 | 6.928 | 972672   | 3685699  | 5.004  | 2.935 #  |
| 38)                         | L8 AR-1262-3    | 8.558 | 7.203 | 6888979  | 43470095 | 52.384 | 79.287 # |
| 39)                         | L8 AR-1262-4    | 8.649 | 7.269 | 6039757  | 36463861 | 61.486 | 40.622 # |
| 40)                         | L8 AR-1262-5    | 9.280 | 7.760 | 2432689  | 10852860 | 35.236 | 28.365   |
| 41)                         | L9 AR-1268-1    | 8.558 | 7.203 | 6888979  | 43470095 | 38.466 | 35.312   |
| 42)                         | L9 AR-1268-2    | 8.649 | 7.269 | 6039757  | 36463861 | 36.717 | 34.435   |
| 43)                         | L9 AR-1268-3    | 8.865 | 7.466 | 5279968  | 33546063 | 38.140 | 37.852   |
| 44)                         | L9 AR-1268-4    | 9.280 | 7.760 | 2432689  | 10852860 | 38.994 | 29.916   |
| 45)                         | L9 AR-1268-5    | 9.673 | 8.026 | 14580447 | 74875005 | 31.984 | 29.430   |
| -----                       |                 |       |       |          |          |        |          |

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

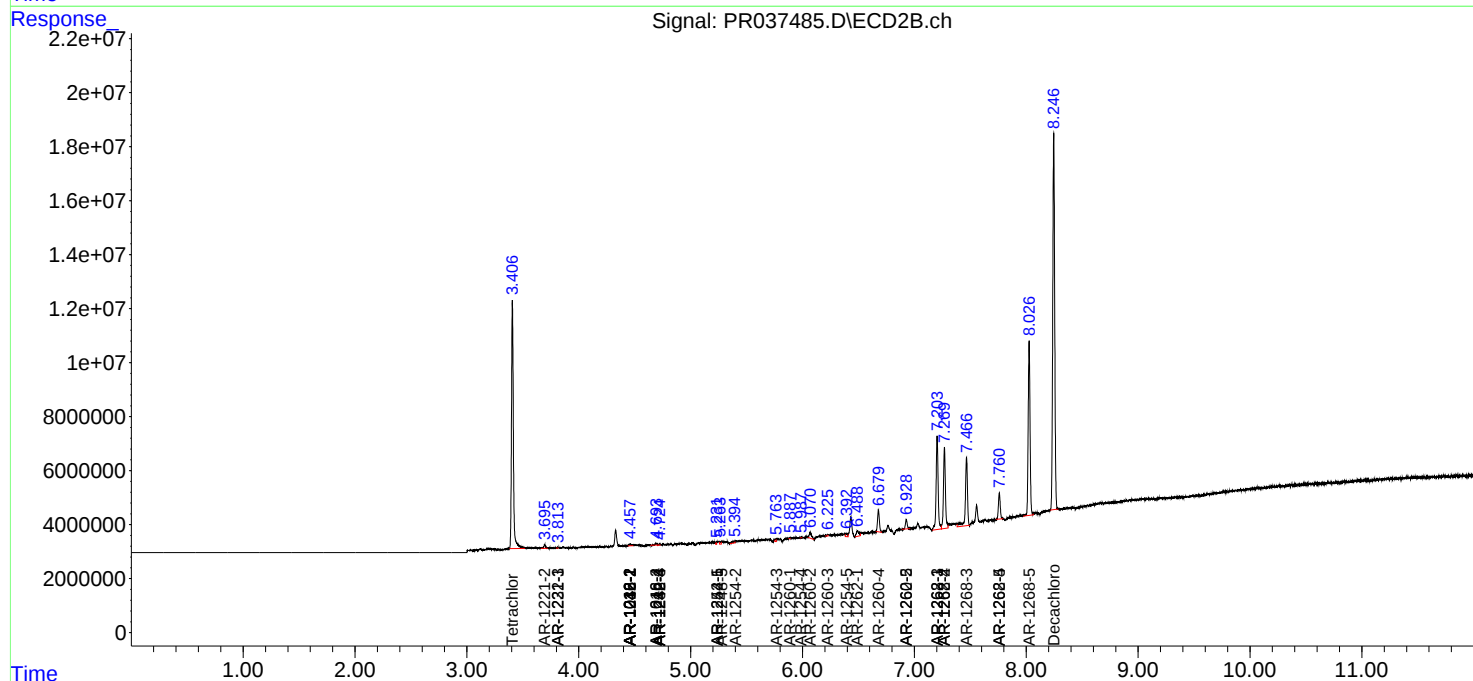
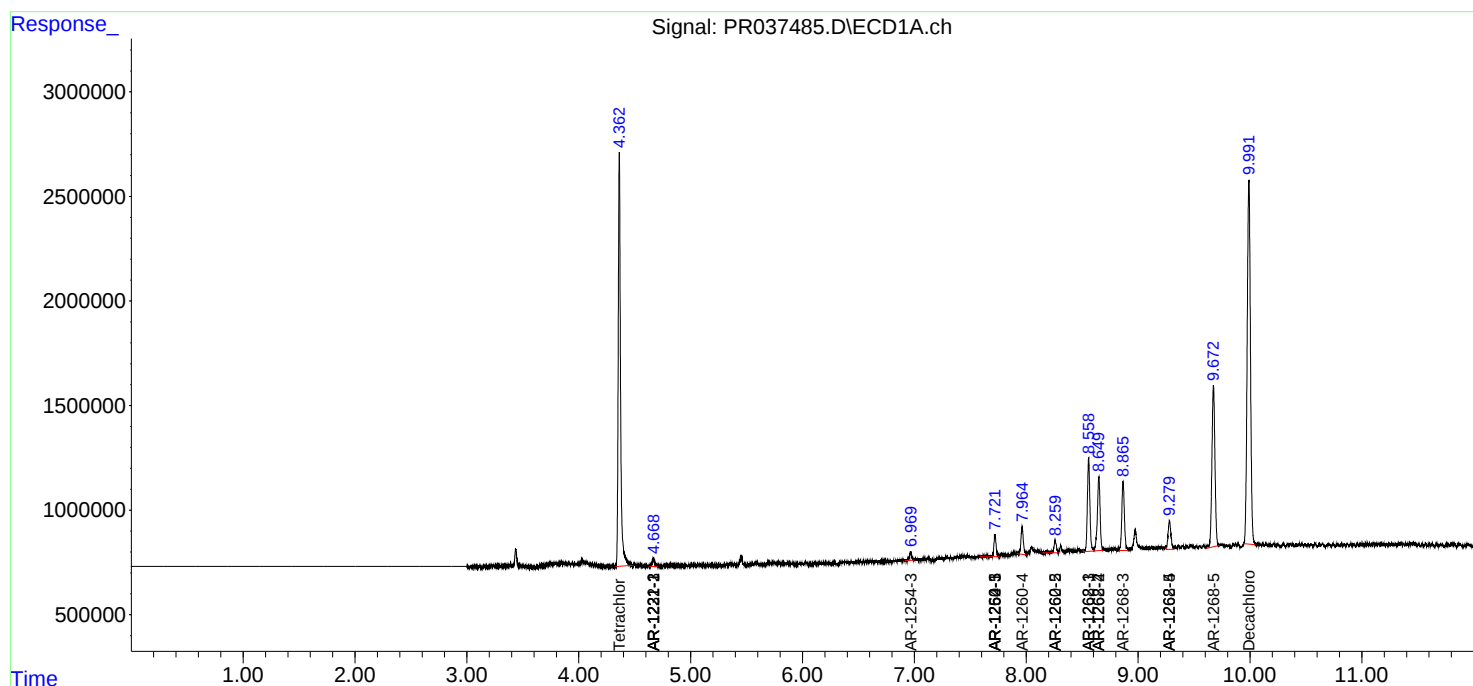
Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

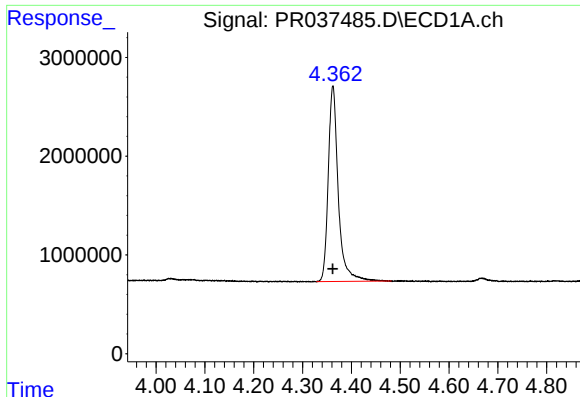
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR042919\  
Data File : PR037485.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2019 23:40  
Operator : SM\SJ  
Sample : K2241-01  
Misc : AR1268 LOD 25PPB  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 04:01:11 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR042219.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Apr 22 17:27:39 2019  
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

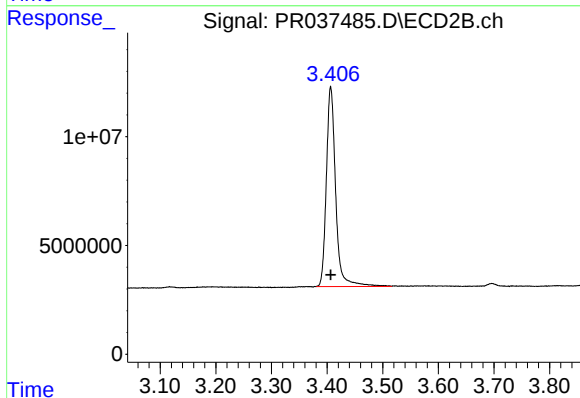




#1 Tetrachloro-m-xylene

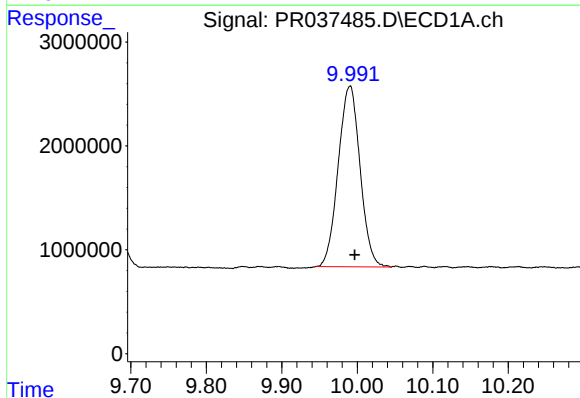
R.T.: 4.362 min  
Delta R.T.: 0.000 min  
Response: 28250273  
Conc: 22.58 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



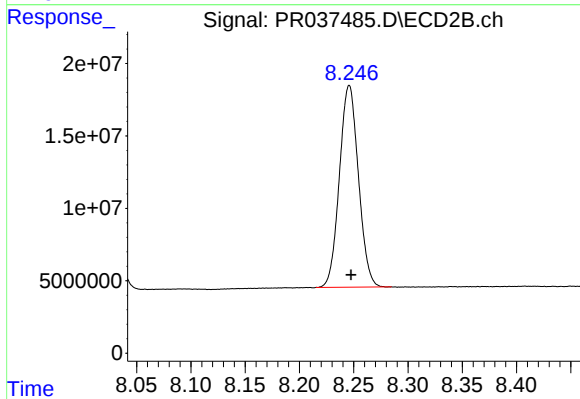
#1 Tetrachloro-m-xylene

R.T.: 3.406 min  
Delta R.T.: 0.000 min  
Response: 106969659  
Conc: 22.31 ng/ml



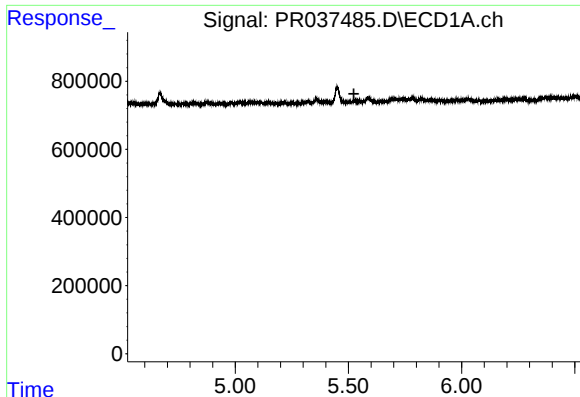
#2 Decachlorobiphenyl

R.T.: 9.990 min  
Delta R.T.: -0.006 min  
Response: 34956461  
Conc: 26.43 ng/ml



#2 Decachlorobiphenyl

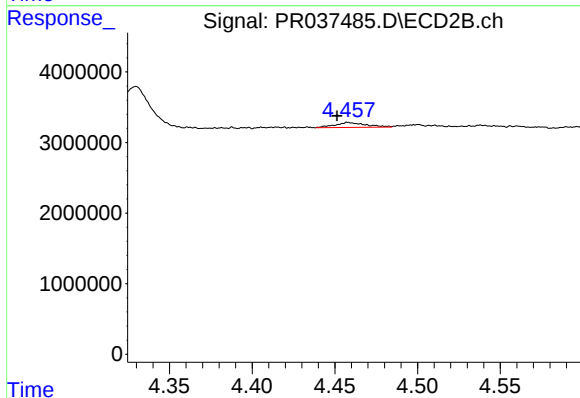
R.T.: 8.246 min  
Delta R.T.: -0.002 min  
Response: 169832527  
Conc: 29.16 ng/ml



#3 AR-1016-1

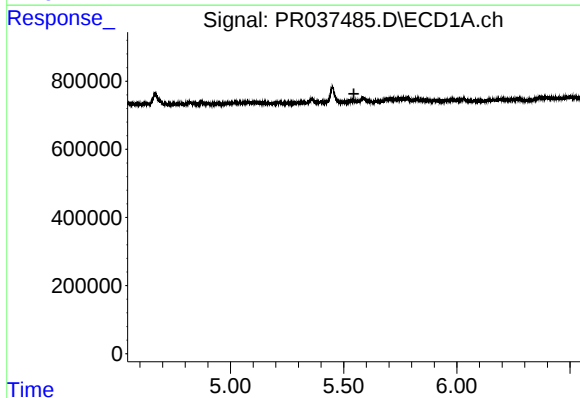
R.T.: 0.000 min  
Exp R.T.: 5.524 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



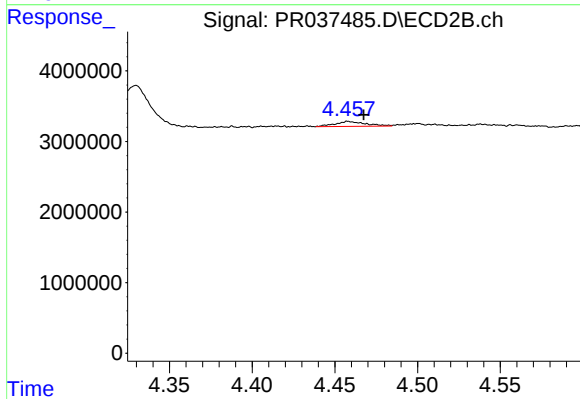
#3 AR-1016-1

R.T.: 4.458 min  
Delta R.T.: 0.006 min  
Response: 911270  
Conc: 5.00 ng/ml



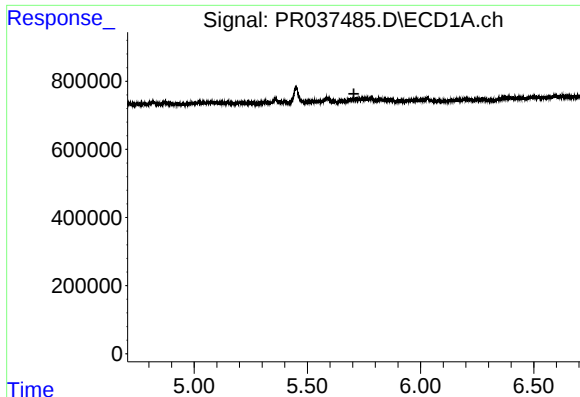
#4 AR-1016-2

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



#4 AR-1016-2

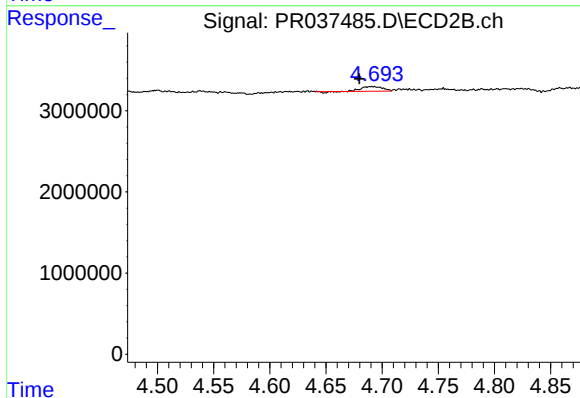
R.T.: 4.458 min  
Delta R.T.: -0.010 min  
Response: 911270  
Conc: 3.23 ng/ml



#6 AR-1016-4

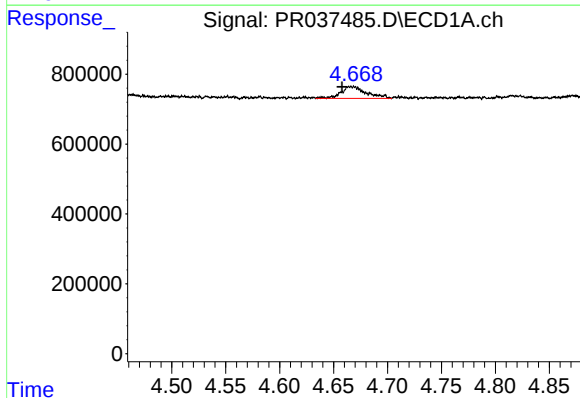
R.T.: 0.000 min  
Exp R.T.: 5.705 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



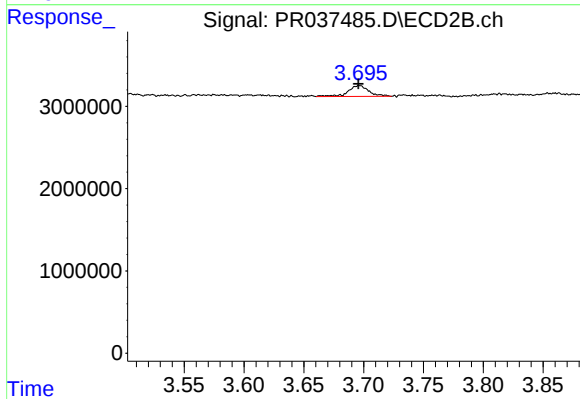
#6 AR-1016-4

R.T.: 4.693 min  
Delta R.T.: 0.013 min  
Response: 701274  
Conc: 6.34 ng/ml



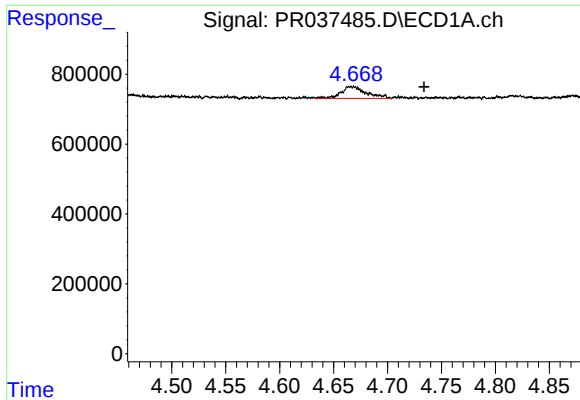
#9 AR-1221-2

R.T.: 4.668 min  
Delta R.T.: 0.010 min  
Response: 562425  
Conc: 62.19 ng/ml



#9 AR-1221-2

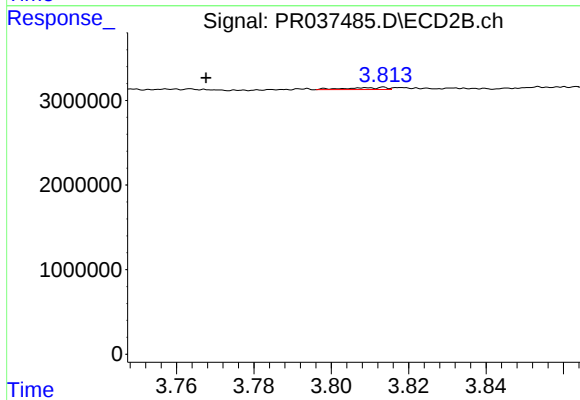
R.T.: 3.696 min  
Delta R.T.: 0.000 min  
Response: 1578045  
Conc: 42.49 ng/ml



#10 AR-1221-3

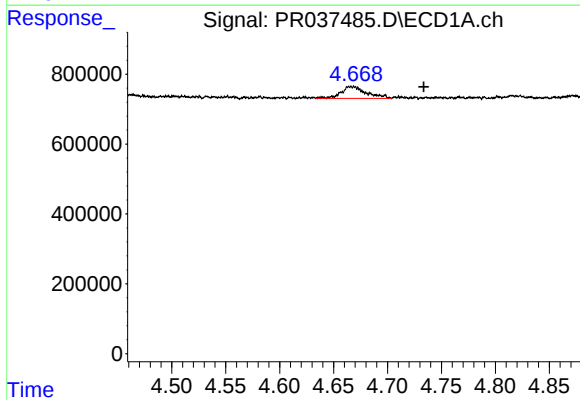
R.T.: 4.668 min  
Delta R.T.: -0.066 min  
Response: 562425  
Conc: 18.35 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



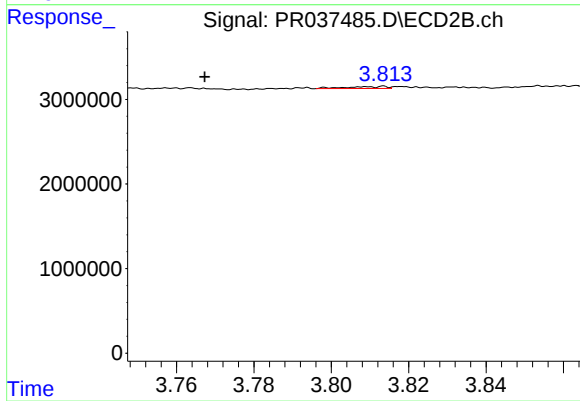
#10 AR-1221-3

R.T.: 3.809 min  
Delta R.T.: 0.042 min  
Response: 175346  
Conc: 1.43 ng/ml



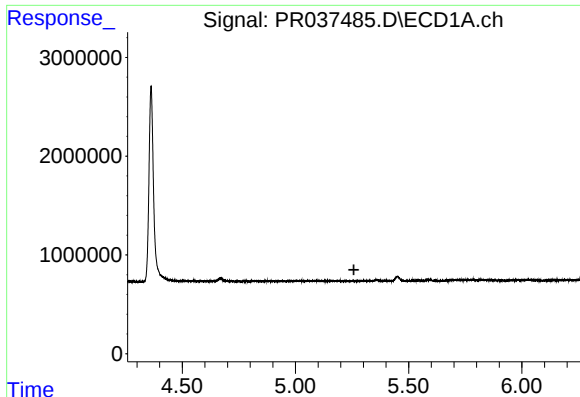
#11 AR-1232-1

R.T.: 4.668 min  
Delta R.T.: -0.065 min  
Response: 562425  
Conc: 19.23 ng/ml



#11 AR-1232-1

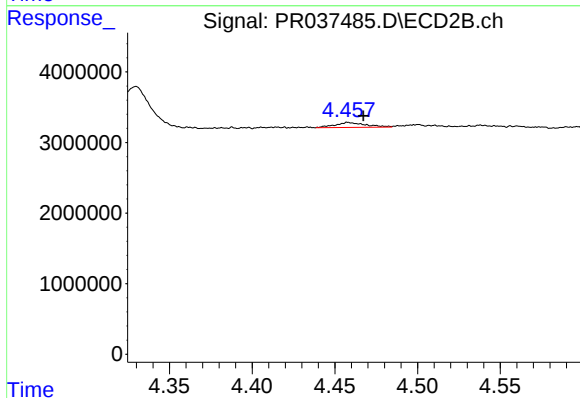
R.T.: 3.809 min  
Delta R.T.: 0.042 min  
Response: 175346  
Conc: 1.50 ng/ml



#12 AR-1232-2

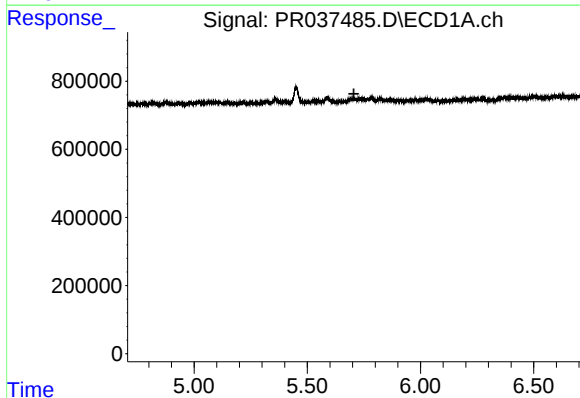
R.T.: 0.000 min  
Exp R.T.: 5.258 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



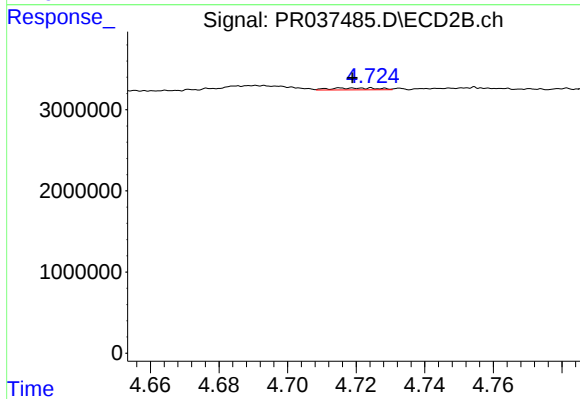
#12 AR-1232-2

R.T.: 4.458 min  
Delta R.T.: -0.009 min  
Response: 911270  
Conc: 6.59 ng/ml



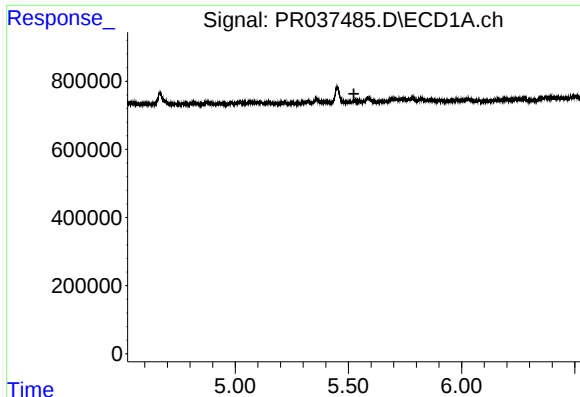
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.706 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

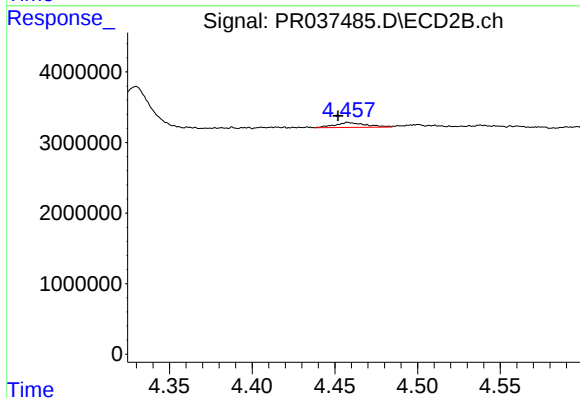
R.T.: 4.715 min  
Delta R.T.: -0.003 min  
Response: 225729  
Conc: 3.78 ng/ml



#16 AR-1242-1

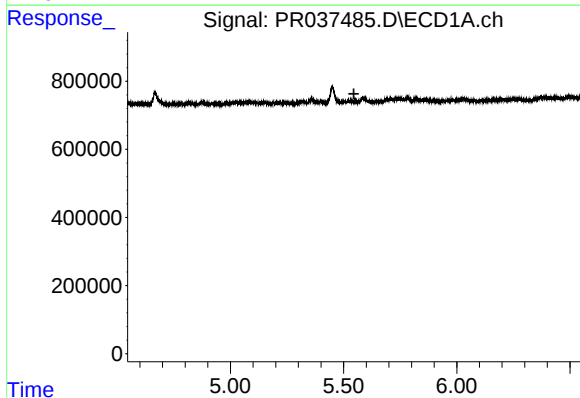
R.T.: 0.000 min  
Exp R.T.: 5.524 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



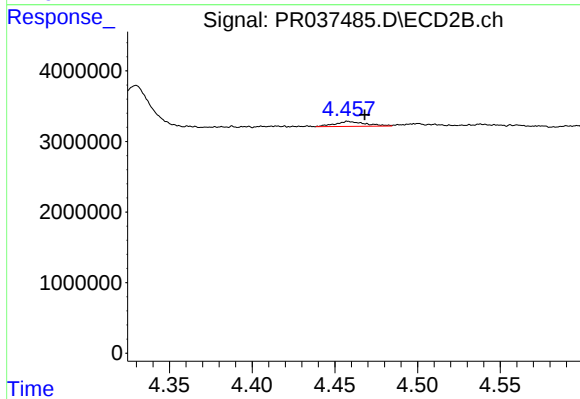
#16 AR-1242-1

R.T.: 4.458 min  
Delta R.T.: 0.006 min  
Response: 911270  
Conc: 6.22 ng/ml



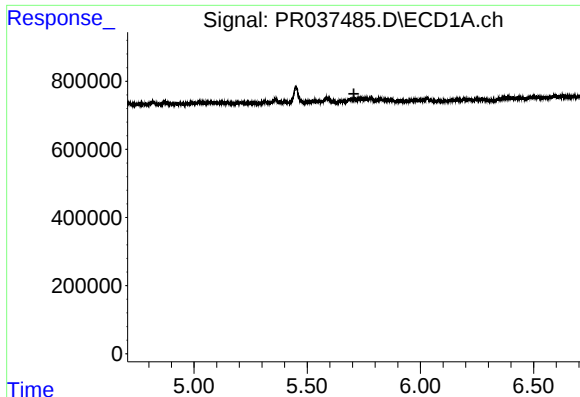
#17 AR-1242-2

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



#17 AR-1242-2

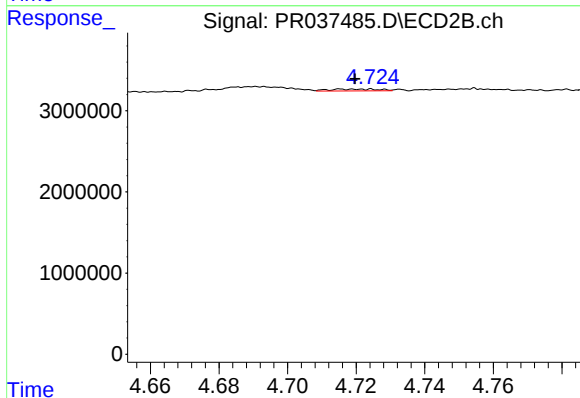
R.T.: 4.458 min  
Delta R.T.: -0.010 min  
Response: 911270  
Conc: 3.99 ng/ml



#19 AR-1242-4

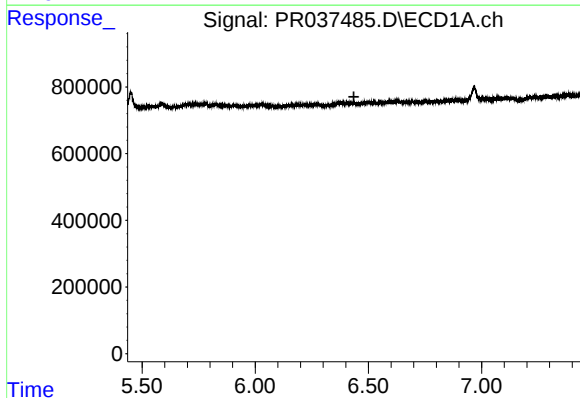
R.T.: 0.000 min  
Exp R.T.: 5.706 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



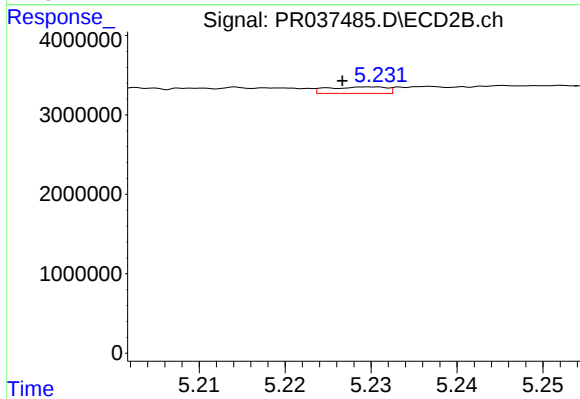
#19 AR-1242-4

R.T.: 4.715 min  
Delta R.T.: -0.004 min  
Response: 225729  
Conc: 2.05 ng/ml



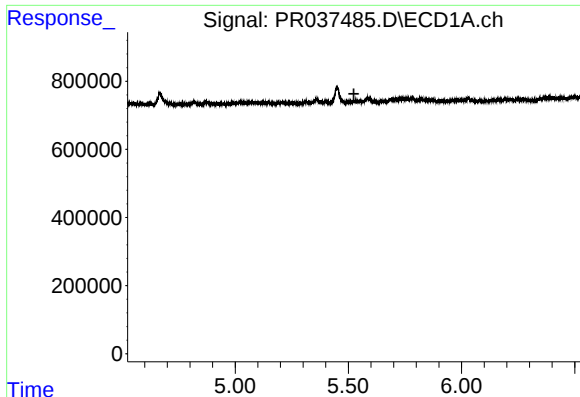
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.436 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

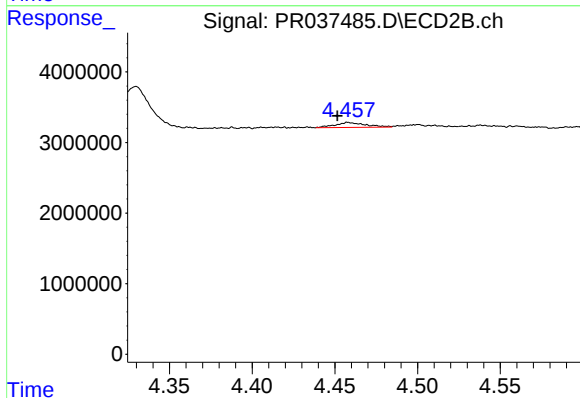
R.T.: 5.230 min  
Delta R.T.: 0.003 min  
Response: 387482  
Conc: 2.34 ng/ml



#21 AR-1248-1

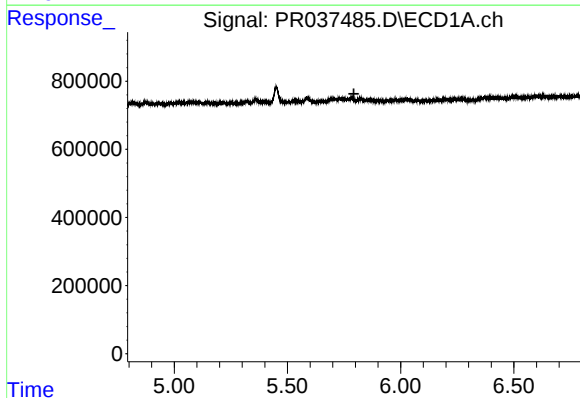
R.T.: 0.000 min  
Exp R.T.: 5.525 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



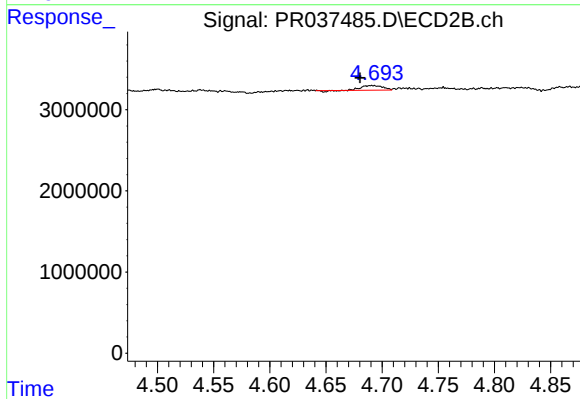
#21 AR-1248-1

R.T.: 4.458 min  
Delta R.T.: 0.006 min  
Response: 911270  
Conc: 9.05 ng/ml



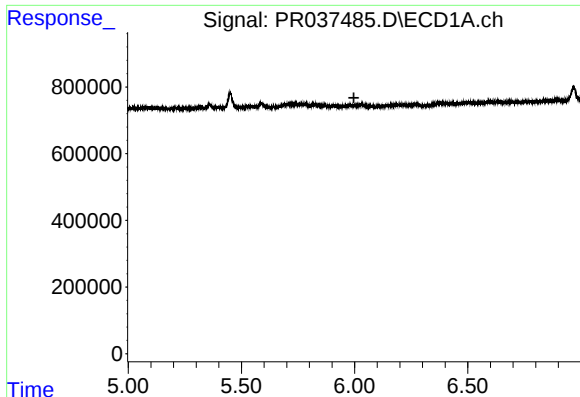
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.793 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

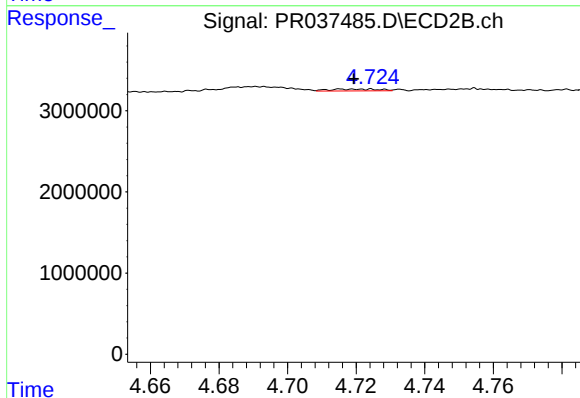
R.T.: 4.693 min  
Delta R.T.: 0.013 min  
Response: 701274  
Conc: 5.14 ng/ml



#23 AR-1248-3

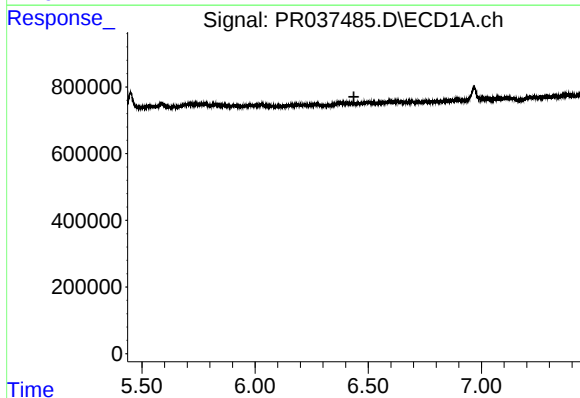
R.T.: 0.000 min  
Exp R.T.: 5.997 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



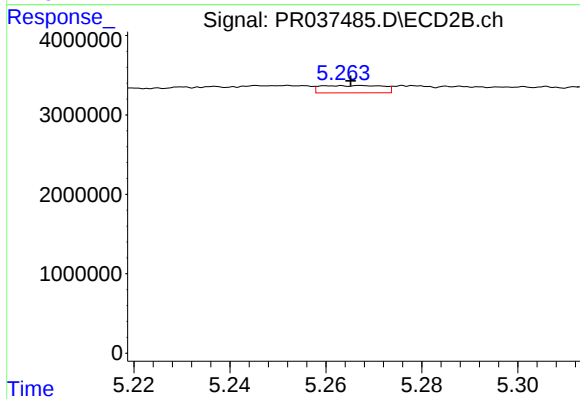
#23 AR-1248-3

R.T.: 4.715 min  
Delta R.T.: -0.004 min  
Response: 225729  
Conc: 1.61 ng/ml



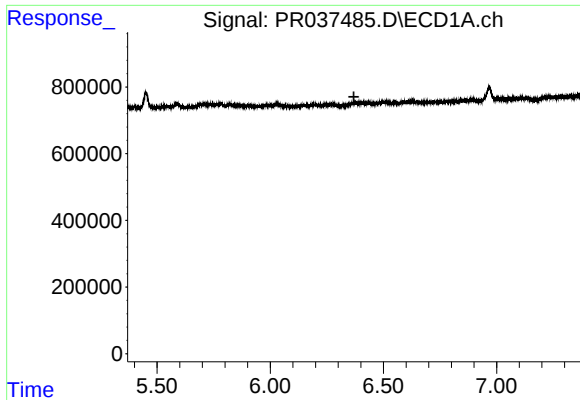
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.436 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

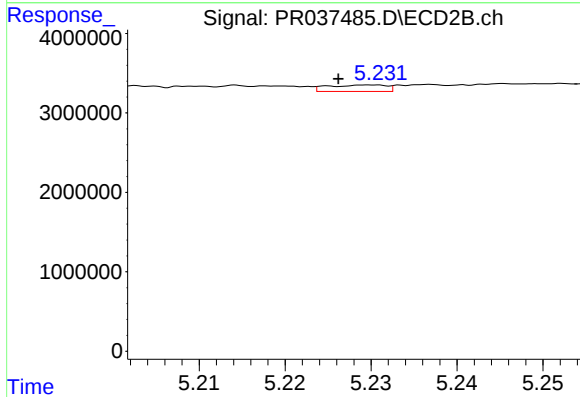
R.T.: 5.267 min  
Delta R.T.: 0.002 min  
Response: 824687  
Conc: 4.22 ng/ml



#26 AR-1254-1

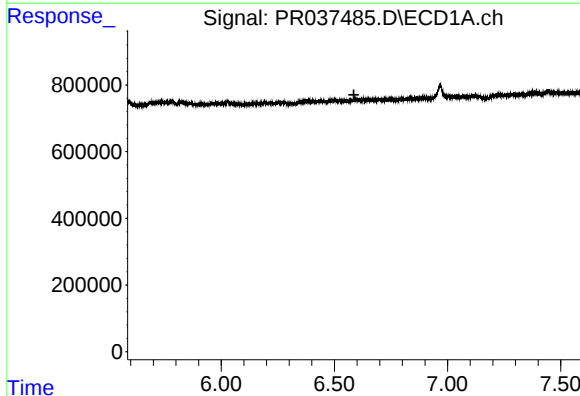
R.T.: 0.000 min  
Exp R.T.: 6.369 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



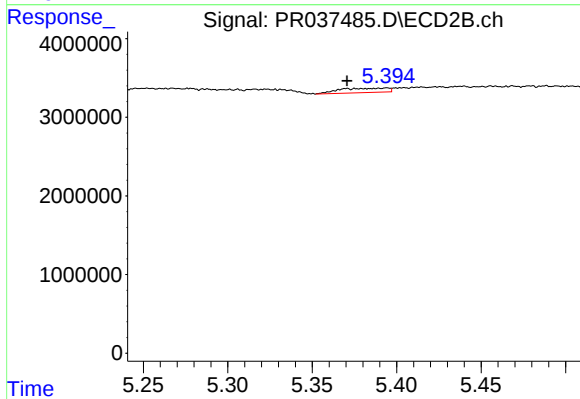
#26 AR-1254-1

R.T.: 5.230 min  
Delta R.T.: 0.004 min  
Response: 387482  
Conc: 1.12 ng/ml



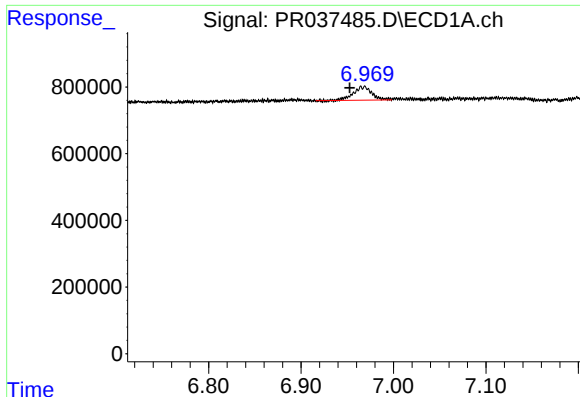
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 6.586 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

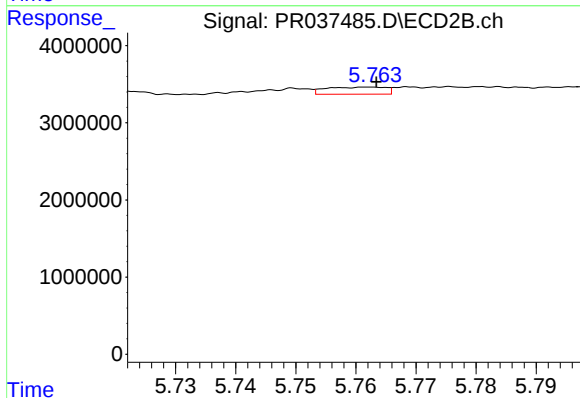
R.T.: 5.394 min  
Delta R.T.: 0.024 min  
Response: 1107045  
Conc: 3.70 ng/ml



#28 AR-1254-3

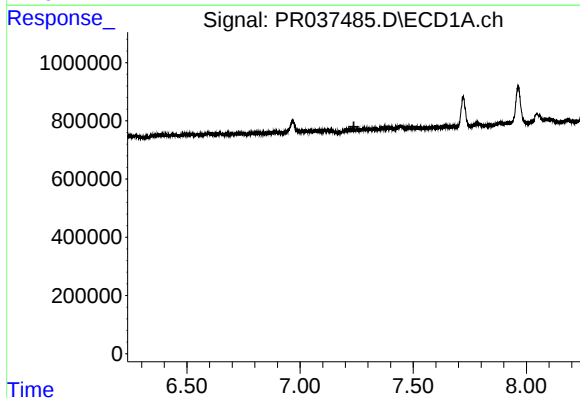
R.T.: 6.969 min  
Delta R.T.: 0.016 min  
Response: 558151  
Conc: 6.14 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



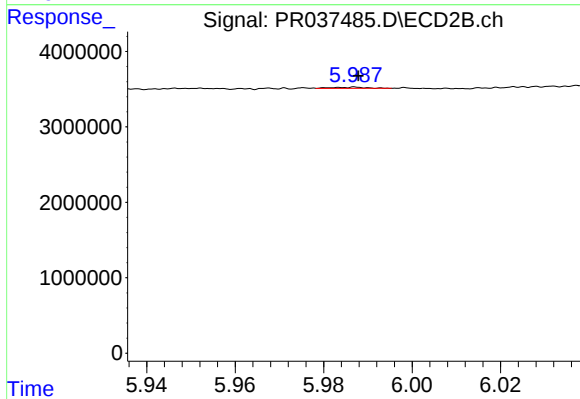
#28 AR-1254-3

R.T.: 5.762 min  
Delta R.T.: -0.001 min  
Response: 628367  
Conc: 1.33 ng/ml



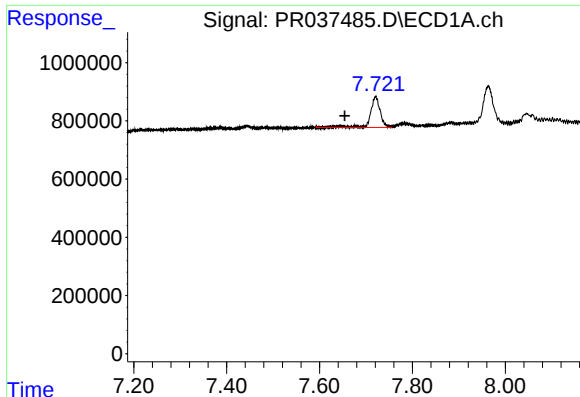
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.238 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

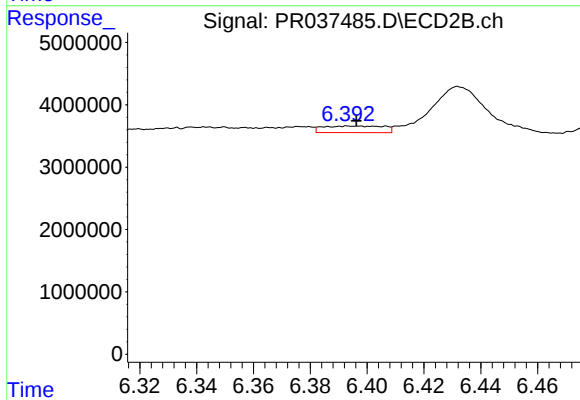
R.T.: 5.987 min  
Delta R.T.: 0.000 min  
Response: 86707  
Conc: 0.25 ng/ml



#30 AR-1254-5

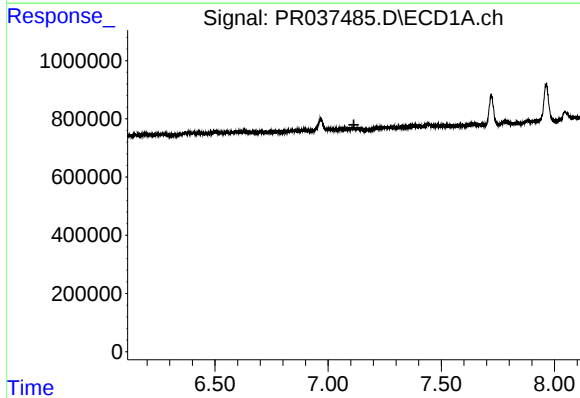
R.T.: 7.721 min  
Delta R.T.: 0.067 min  
Response: 1530204  
Conc: 21.29 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



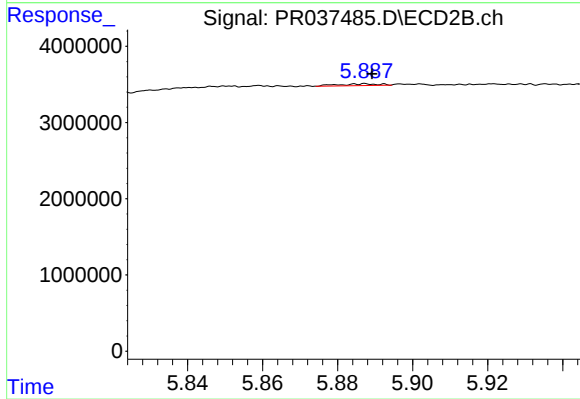
#30 AR-1254-5

R.T.: 6.394 min  
Delta R.T.: -0.003 min  
Response: 1591024  
Conc: 3.59 ng/ml



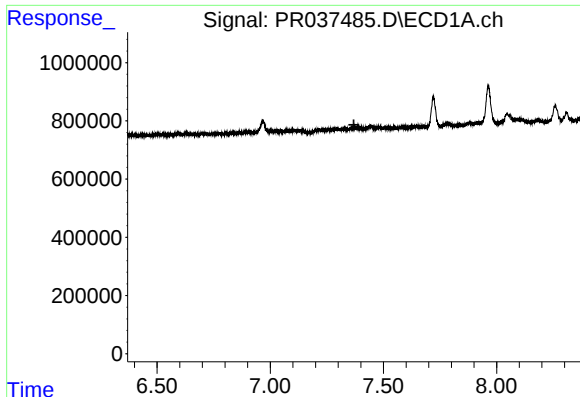
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.114 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

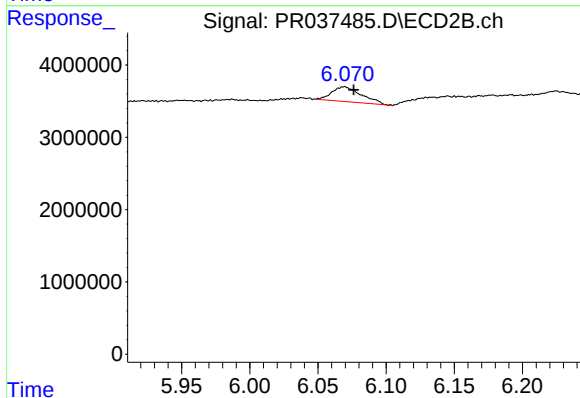
R.T.: 5.888 min  
Delta R.T.: -0.002 min  
Response: 165600  
Conc: 0.57 ng/ml



#32 AR-1260-2

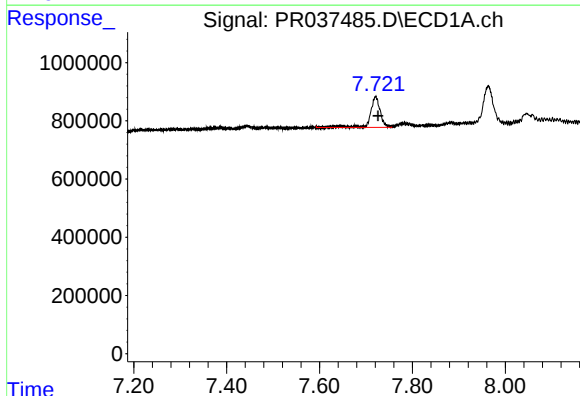
R.T.: 0.000 min  
Exp R.T.: 7.369 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



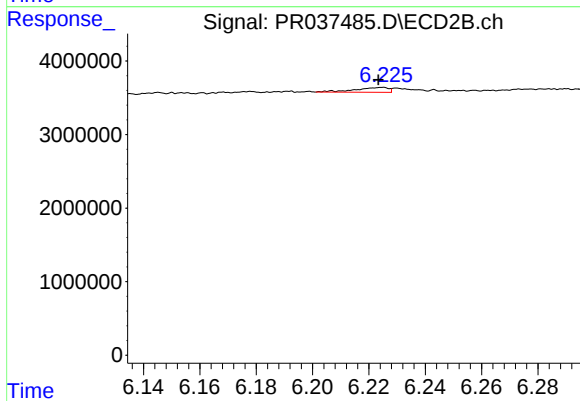
#32 AR-1260-2

R.T.: 6.070 min  
Delta R.T.: -0.006 min  
Response: 3076128  
Conc: 6.68 ng/ml



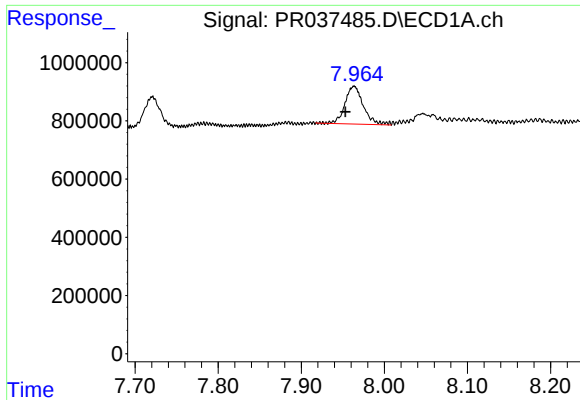
#33 AR-1260-3

R.T.: 7.721 min  
Delta R.T.: -0.005 min  
Response: 1530204  
Conc: 24.45 ng/ml



#33 AR-1260-3

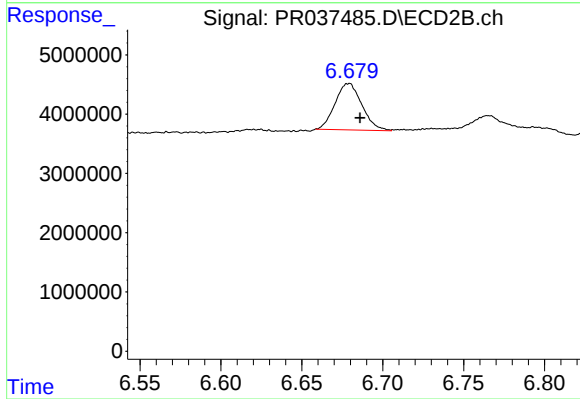
R.T.: 6.225 min  
Delta R.T.: 0.002 min  
Response: 530824  
Conc: 1.49 ng/ml



#34 AR-1260-4

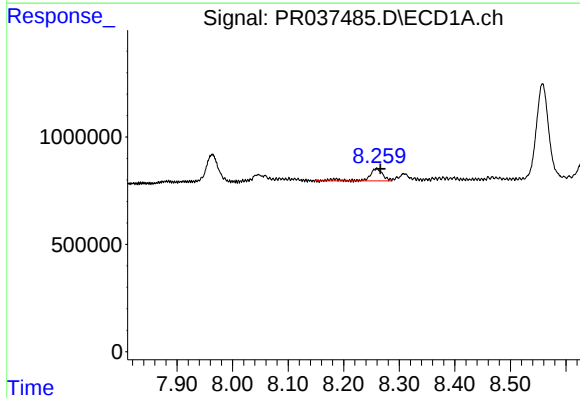
R.T.: 7.964 min  
Delta R.T.: 0.011 min  
Response: 1997426  
Conc: 26.85 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



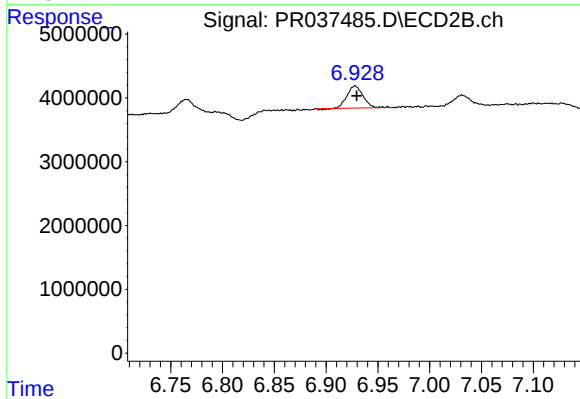
#34 AR-1260-4

R.T.: 6.679 min  
Delta R.T.: -0.007 min  
Response: 9030568  
Conc: 29.63 ng/ml



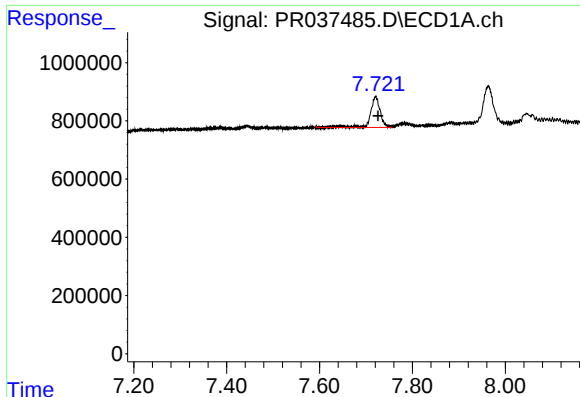
#35 AR-1260-5

R.T.: 8.260 min  
Delta R.T.: -0.006 min  
Response: 972672  
Conc: 6.73 ng/ml



#35 AR-1260-5

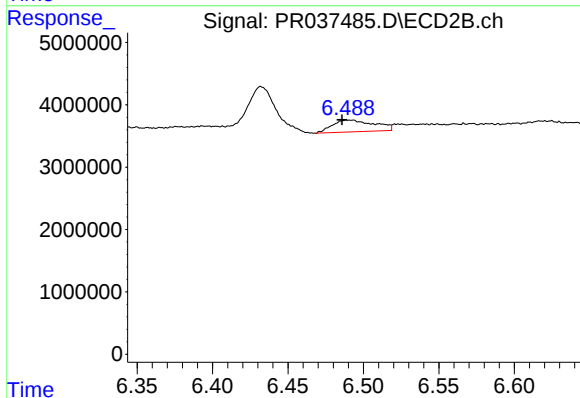
R.T.: 6.928 min  
Delta R.T.: -0.002 min  
Response: 3685699  
Conc: 4.25 ng/ml



#36 AR-1262-1

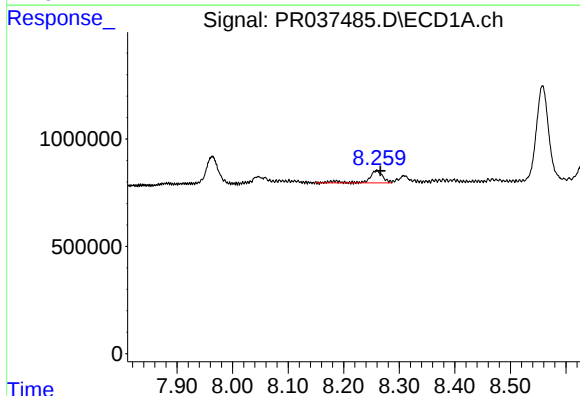
R.T.: 7.721 min  
Delta R.T.: -0.005 min  
Response: 1530204  
Conc: 14.65 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



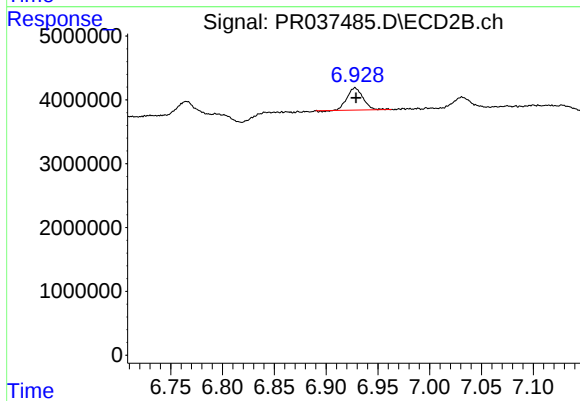
#36 AR-1262-1

R.T.: 6.490 min  
Delta R.T.: 0.004 min  
Response: 3666891  
Conc: 14.63 ng/ml



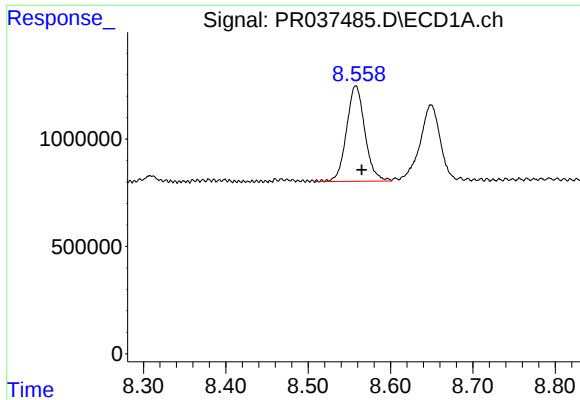
#37 AR-1262-2

R.T.: 8.260 min  
Delta R.T.: -0.006 min  
Response: 972672  
Conc: 5.00 ng/ml



#37 AR-1262-2

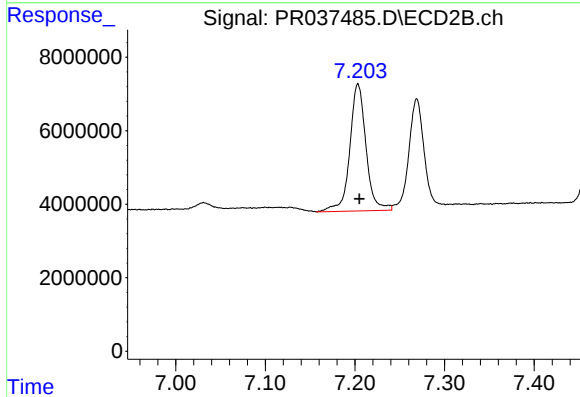
R.T.: 6.928 min  
Delta R.T.: -0.001 min  
Response: 3685699  
Conc: 2.93 ng/ml



#38 AR-1262-3

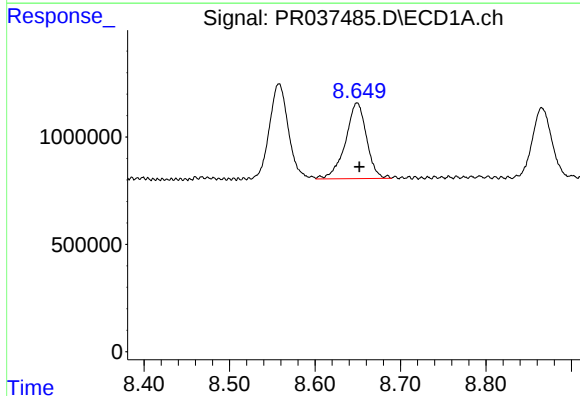
R.T.: 8.558 min  
Delta R.T.: -0.007 min  
Response: 6888979  
Conc: 52.38 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



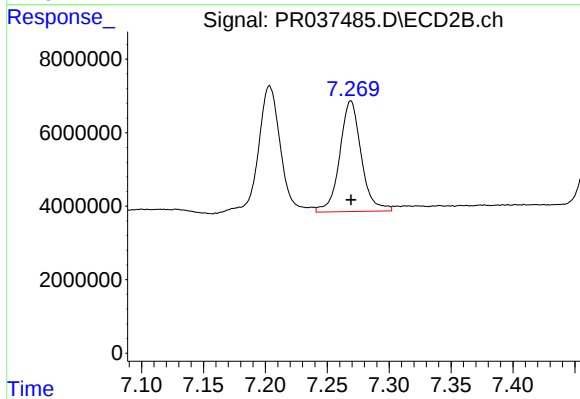
#38 AR-1262-3

R.T.: 7.203 min  
Delta R.T.: -0.002 min  
Response: 43470095  
Conc: 79.29 ng/ml



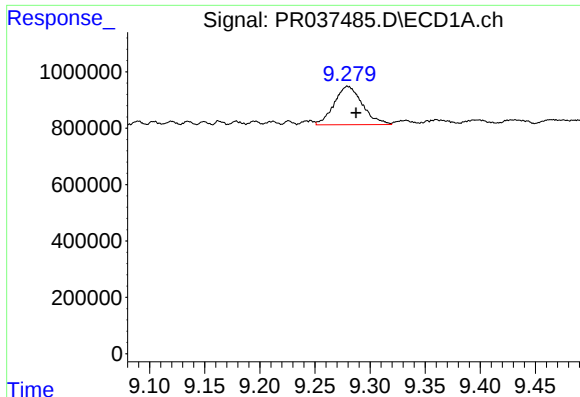
#39 AR-1262-4

R.T.: 8.649 min  
Delta R.T.: -0.003 min  
Response: 6039757  
Conc: 61.49 ng/ml



#39 AR-1262-4

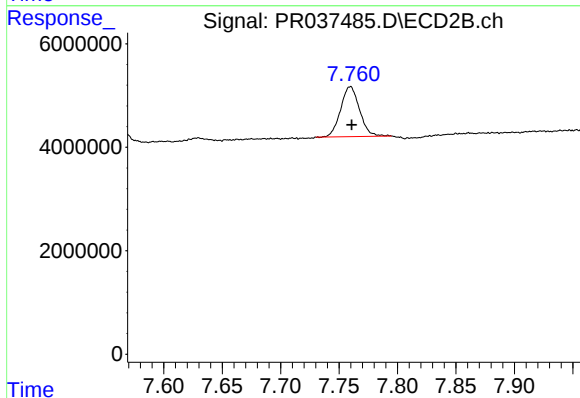
R.T.: 7.269 min  
Delta R.T.: 0.000 min  
Response: 36463861  
Conc: 40.62 ng/ml



#40 AR-1262-5

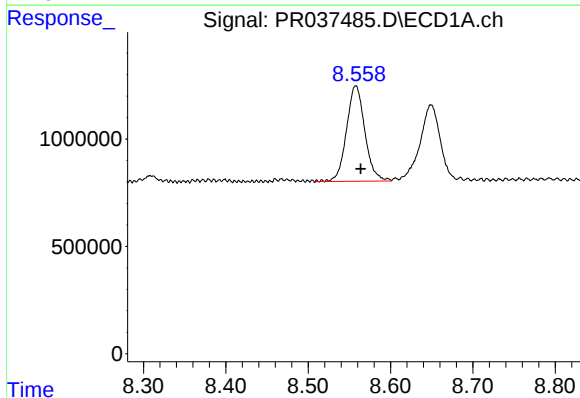
R.T.: 9.280 min  
Delta R.T.: -0.008 min  
Response: 2432689  
Conc: 35.24 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



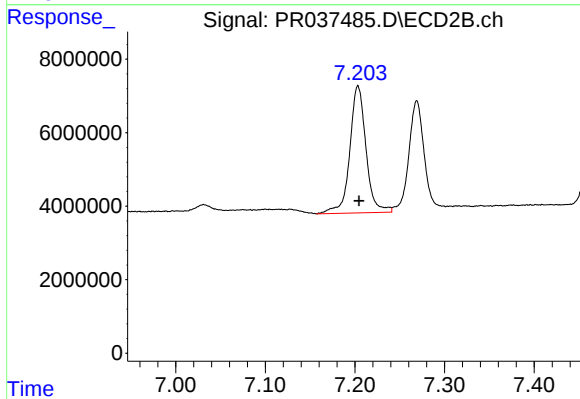
#40 AR-1262-5

R.T.: 7.760 min  
Delta R.T.: -0.001 min  
Response: 10852860  
Conc: 28.36 ng/ml



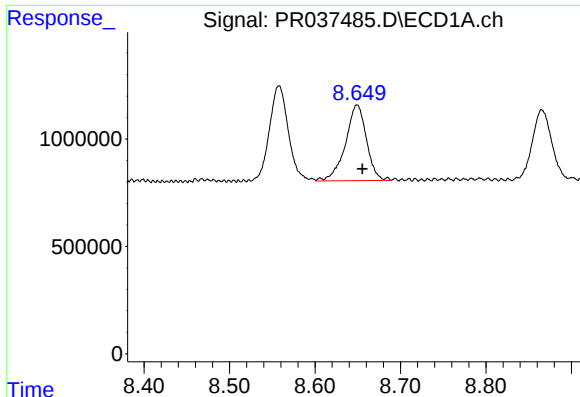
#41 AR-1268-1

R.T.: 8.558 min  
Delta R.T.: -0.006 min  
Response: 6888979  
Conc: 38.47 ng/ml



#41 AR-1268-1

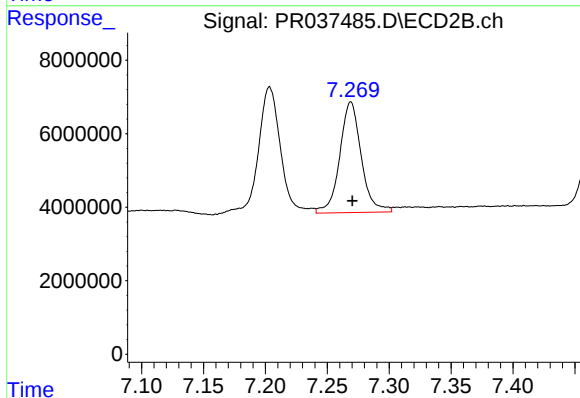
R.T.: 7.203 min  
Delta R.T.: -0.001 min  
Response: 43470095  
Conc: 35.31 ng/ml



#42 AR-1268-2

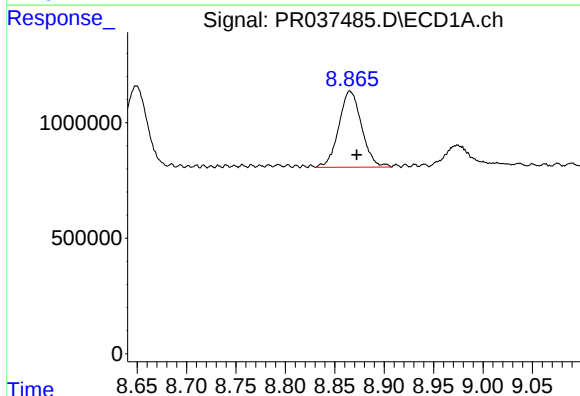
R.T.: 8.649 min  
Delta R.T.: -0.006 min  
Response: 6039757  
Conc: 36.72 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



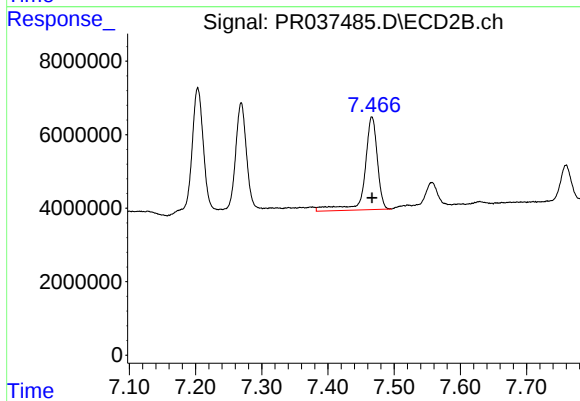
#42 AR-1268-2

R.T.: 7.269 min  
Delta R.T.: -0.001 min  
Response: 36463861  
Conc: 34.43 ng/ml



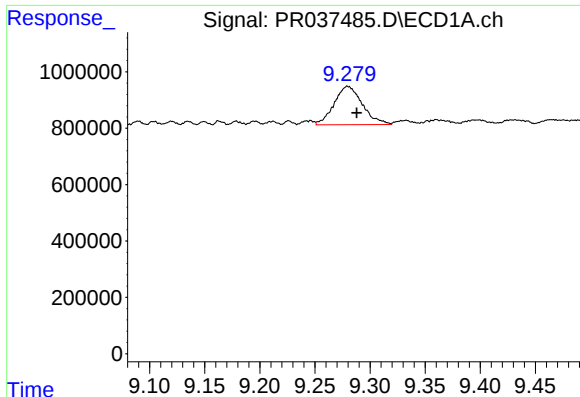
#43 AR-1268-3

R.T.: 8.865 min  
Delta R.T.: -0.007 min  
Response: 5279968  
Conc: 38.14 ng/ml



#43 AR-1268-3

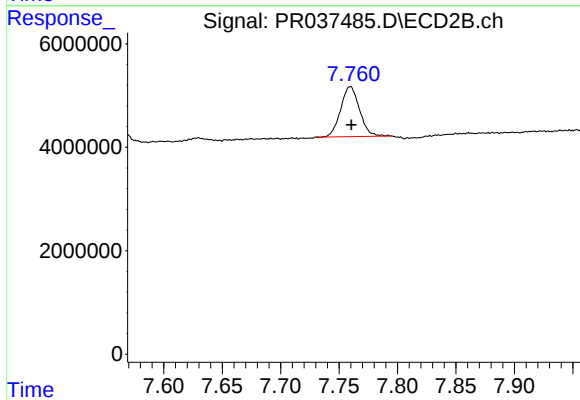
R.T.: 7.466 min  
Delta R.T.: 0.000 min  
Response: 33546063  
Conc: 37.85 ng/ml



#44 AR-1268-4

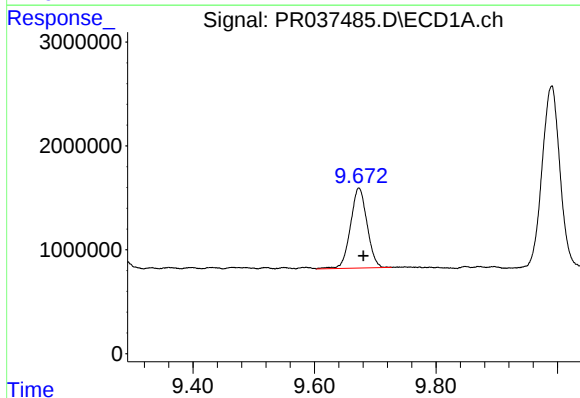
R.T.: 9.280 min  
Delta R.T.: -0.008 min  
Response: 2432689  
Conc: 38.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019



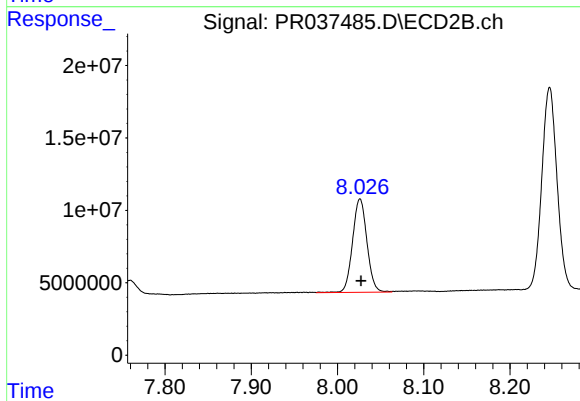
#44 AR-1268-4

R.T.: 7.760 min  
Delta R.T.: 0.000 min  
Response: 10852860  
Conc: 29.92 ng/ml



#45 AR-1268-5

R.T.: 9.673 min  
Delta R.T.: -0.008 min  
Response: 14580447  
Conc: 31.98 ng/ml



#45 AR-1268-5

R.T.: 8.026 min  
Delta R.T.: -0.001 min  
Response: 74875005  
Conc: 29.43 ng/ml