

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP072921\  
 Data File : PP037853.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Jul 2021 7:37  
 Operator : DD\AJ  
 Sample : M2940-03  
 Misc : AR1268 MDL 25 PPB  
 ALS Vial : 68 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 MDL-SOIL-03-QT3-2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 30 08:46:31 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP070621.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 07 08:32:32 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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... | 4.953  | 3.944  | 896404 | 502411 | 19.723 | 18.360   |
| 2)                          | SA Decachlor... | 10.981 | 9.234  | 995420 | 551020 | 21.623 | 19.796   |
| Target Compounds            |                 |        |        |        |        |        |          |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.482f | 0      | 10590  | N.D.   | 17.545 # |
| 9)                          | L2 AR-1221-2    | 5.307  | 0.000  | 7216   | 0      | 17.810 | N.D. #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.482f | 0      | 10590  | N.D.   | 38.411 # |
| 15)                         | L3 AR-1232-5    | 6.603f | 0.000  | 21125  | 0      | 54.929 | N.D. #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.482f | 0      | 10590  | N.D.   | 20.549 # |
| 20)                         | L4 AR-1242-5    | 0.000  | 6.087  | 0      | 8461   | N.D.   | 12.430 # |
| 22)                         | L5 AR-1248-2    | 6.603f | 5.482f | 21125  | 10590  | 14.230 | 12.911   |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.482f | 0      | 10590  | N.D.   | 12.375 # |
| 24)                         | L5 AR-1248-4    | 7.191f | 0.000  | 21191  | 0      | 11.212 | N.D. #   |
| 25)                         | L5 AR-1248-5    | 0.000  | 6.087f | 0      | 8461   | N.D.   | 7.976 #  |
| 26)                         | L6 AR-1254-1    | 7.191  | 6.087  | 21191  | 8461   | 11.796 | 5.699 #  |
| 28)                         | L6 AR-1254-3    | 7.814  | 0.000  | 20613  | 0      | 6.686  | N.D. #   |
| 33)                         | L7 AR-1260-3    | 8.592  | 0.000  | 30299  | 0      | 14.991 | N.D. #   |
| 34)                         | L7 AR-1260-4    | 8.839  | 7.615  | 45141  | 23349  | 18.351 | 17.175   |
| 35)                         | L7 AR-1260-5    | 9.149  | 7.865  | 20897  | 10381  | 4.529  | 3.218 #  |
| 36)                         | L8 AR-1262-1    | 8.592  | 0.000  | 30299  | 0      | 10.403 | N.D. #   |
| 37)                         | L8 AR-1262-2    | 9.149  | 7.865  | 20897  | 10381  | 3.979  | 2.984 #  |
| 38)                         | L8 AR-1262-3    | 9.462  | 8.153  | 178112 | 117143 | 46.485 | 83.201 # |
| 39)                         | L8 AR-1262-4    | 9.559  | 8.217  | 172921 | 91414  | 58.848 | 34.327 # |
| 40)                         | L8 AR-1262-5    | 10.227 | 8.715  | 60434  | 32080  | 28.422 | 25.380   |
| 41)                         | L9 AR-1268-1    | 9.462  | 8.153  | 178112 | 117143 | 29.329 | 29.395   |
| 42)                         | L9 AR-1268-2    | 9.559  | 8.217  | 172921 | 91414  | 30.086 | 24.699   |
| 43)                         | L9 AR-1268-3    | 9.786  | 8.425  | 148726 | 73824  | 30.332 | 23.501   |
| 44)                         | L9 AR-1268-4    | 10.227 | 8.715  | 60434  | 32080  | 26.417 | 23.408   |
| 45)                         | L9 AR-1268-5    | 10.645 | 8.993  | 467270 | 247663 | 29.512 | 24.063   |
| -----                       |                 |        |        |        |        |        |          |

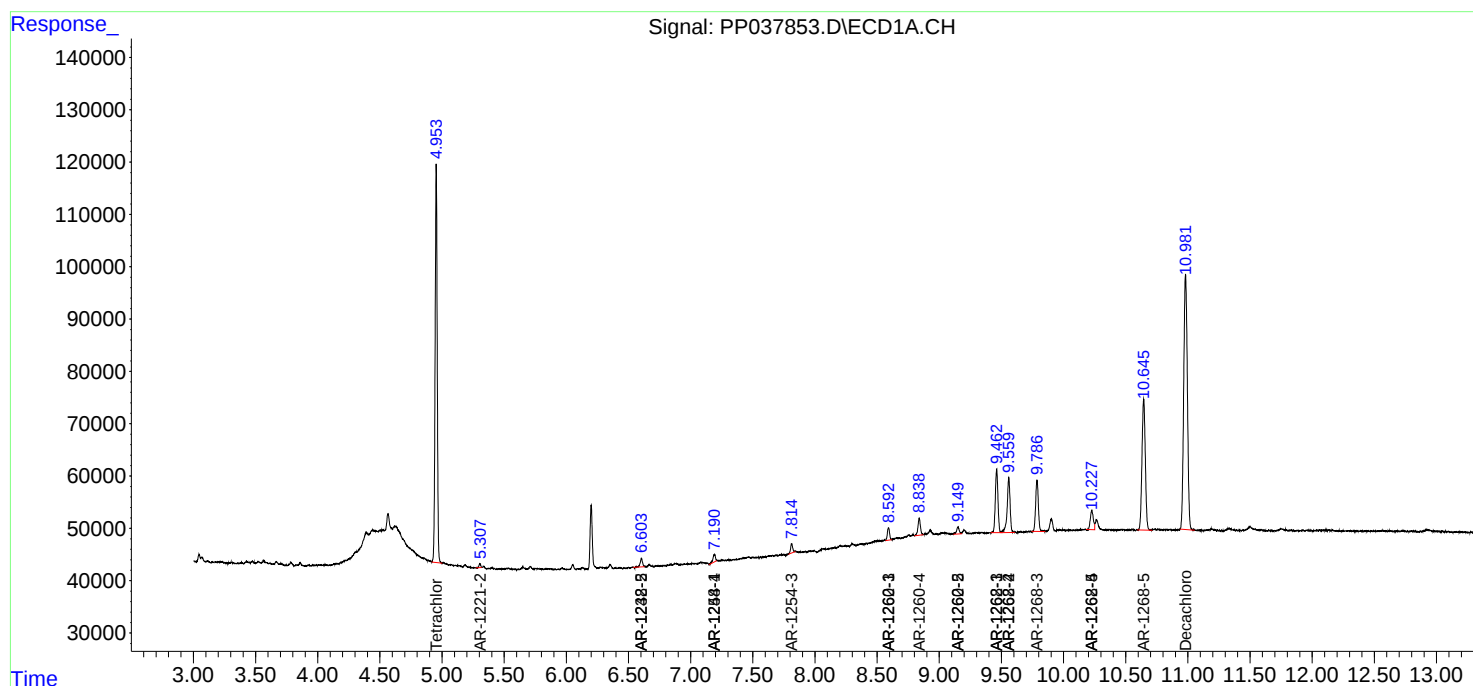
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

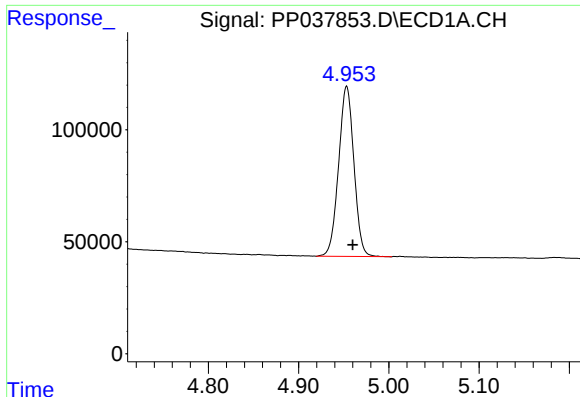
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP072921\  
Data File : PP037853.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 30 Jul 2021 7:37  
Operator : DD\AJ  
Sample : M2940-03  
Misc : AR1268 MDL 25 PPB  
ALS Vial : 68 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-SOIL-03-QT3-2021

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 08:46:31 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP070621.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 07 08:32:32 2021  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

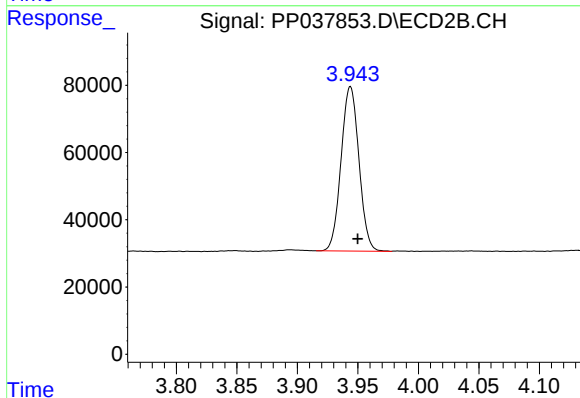




#1 Tetrachloro-m-xylene

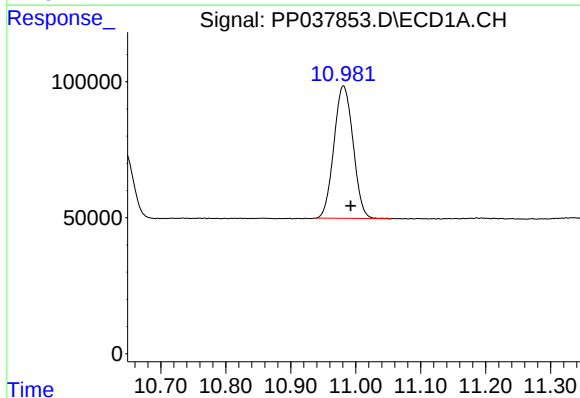
R.T.: 4.953 min  
Delta R.T.: -0.007 min  
Response: 896404  
Conc: 19.72 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-SOIL-03-QT3-2021



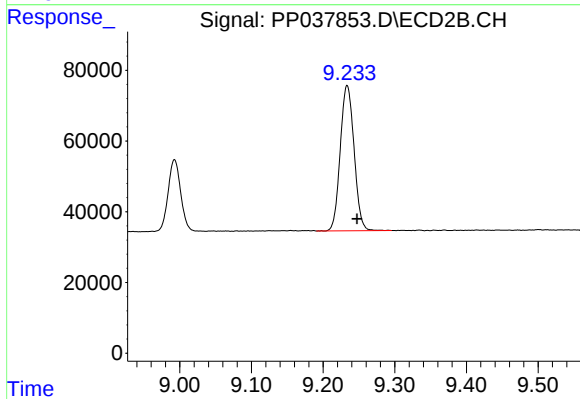
#1 Tetrachloro-m-xylene

R.T.: 3.944 min  
Delta R.T.: -0.006 min  
Response: 502411  
Conc: 18.36 ng/ml



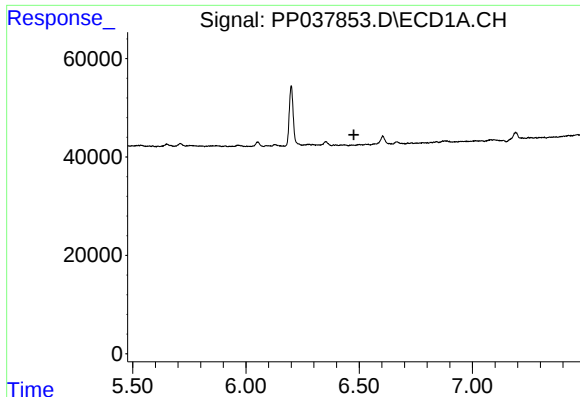
#2 Decachlorobiphenyl

R.T.: 10.981 min  
Delta R.T.: -0.011 min  
Response: 995420  
Conc: 21.62 ng/ml



#2 Decachlorobiphenyl

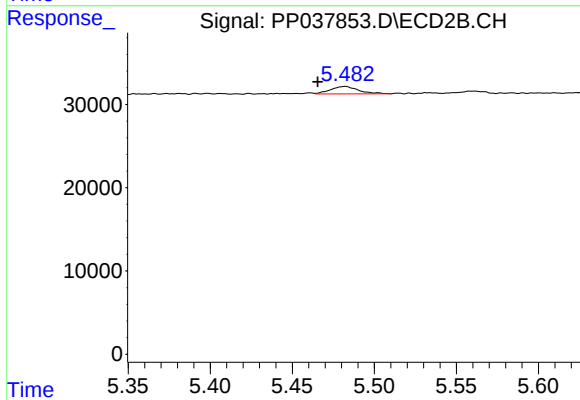
R.T.: 9.234 min  
Delta R.T.: -0.014 min  
Response: 551020  
Conc: 19.80 ng/ml



#6 AR-1016-4

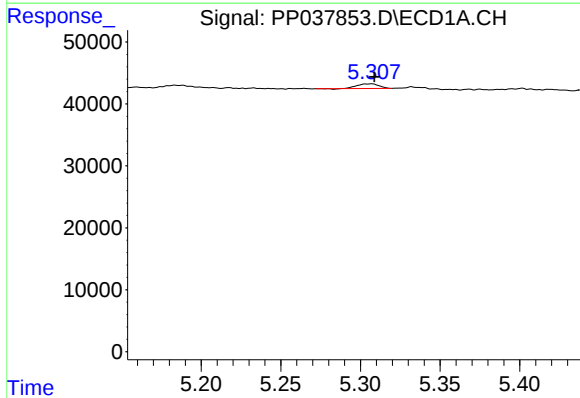
R.T.: 0.000 min  
Exp R.T.: 6.477 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-SOIL-03-QT3-2021



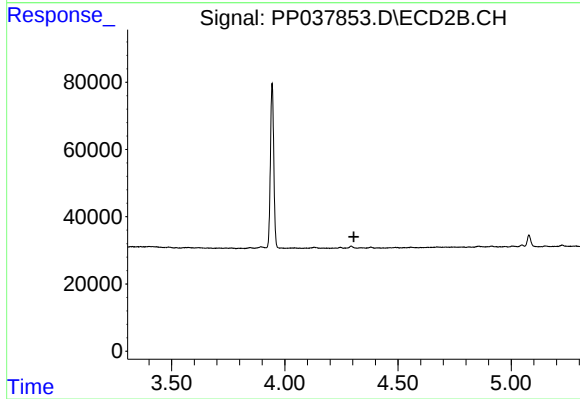
#6 AR-1016-4

R.T.: 5.482 min  
Delta R.T.: 0.017 min  
Response: 10590  
Conc: 17.55 ng/ml



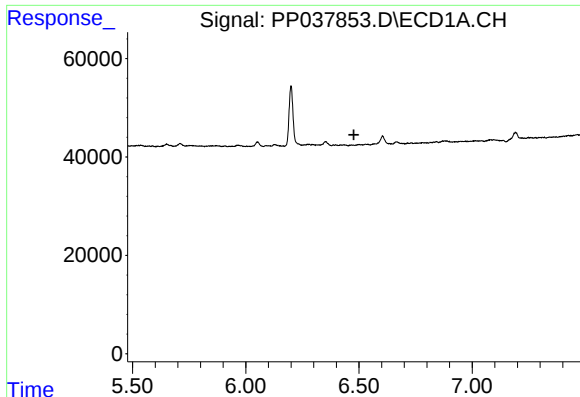
#9 AR-1221-2

R.T.: 5.307 min  
Delta R.T.: -0.002 min  
Response: 7216  
Conc: 17.81 ng/ml



#9 AR-1221-2

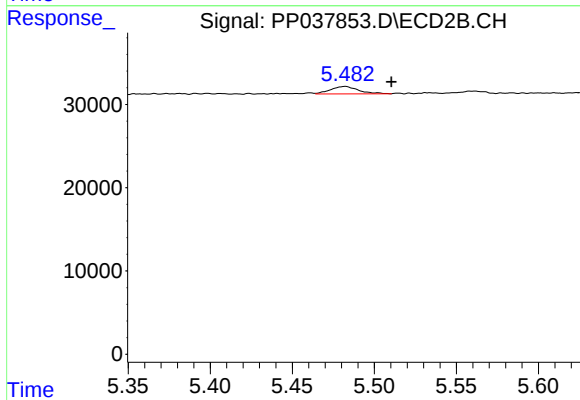
R.T.: 0.000 min  
Exp R.T.: 4.305 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

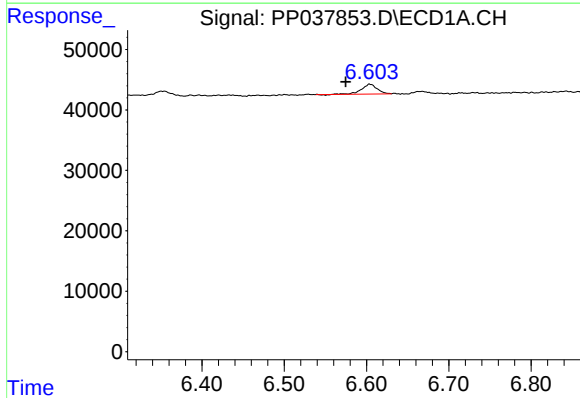
R.T.: 0.000 min  
Exp R.T.: 6.478 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-SOIL-03-QT3-2021



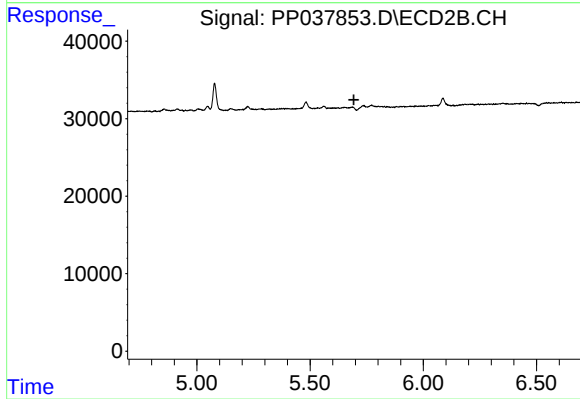
#14 AR-1232-4

R.T.: 5.482 min  
Delta R.T.: -0.028 min  
Response: 10590  
Conc: 38.41 ng/ml



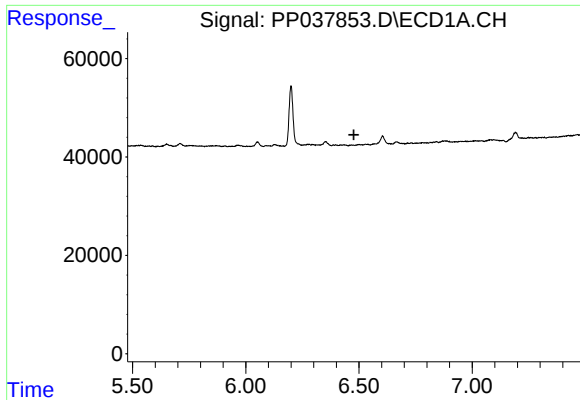
#15 AR-1232-5

R.T.: 6.603 min  
Delta R.T.: 0.028 min  
Response: 21125  
Conc: 54.93 ng/ml



#15 AR-1232-5

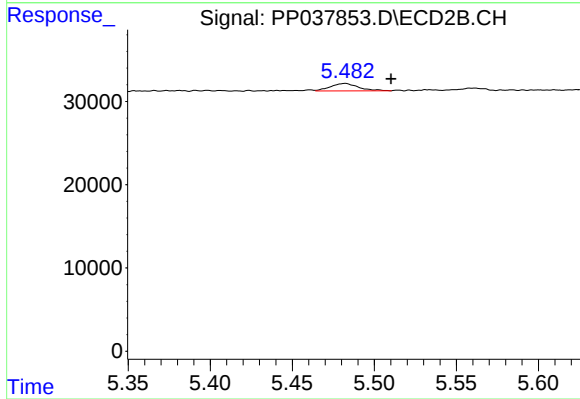
R.T.: 0.000 min  
Exp R.T.: 5.694 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

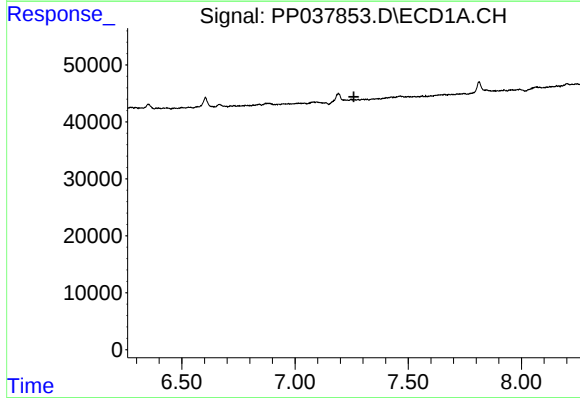
R.T.: 0.000 min  
Exp R.T.: 6.478 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-SOIL-03-QT3-2021



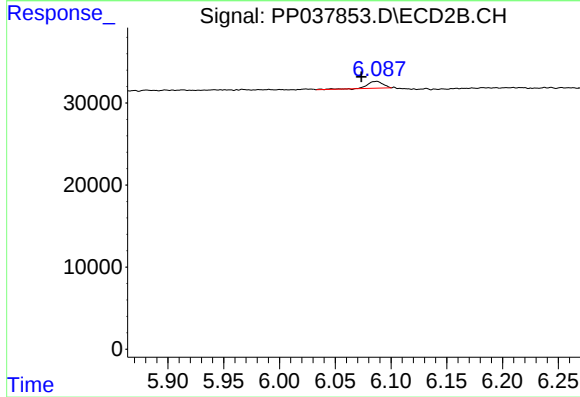
#19 AR-1242-4

R.T.: 5.482 min  
Delta R.T.: -0.028 min  
Response: 10590  
Conc: 20.55 ng/ml



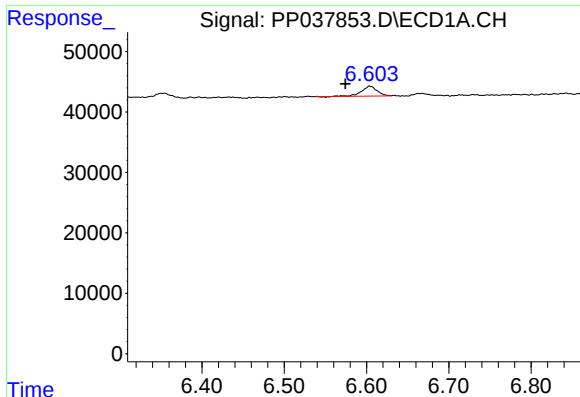
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 7.260 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

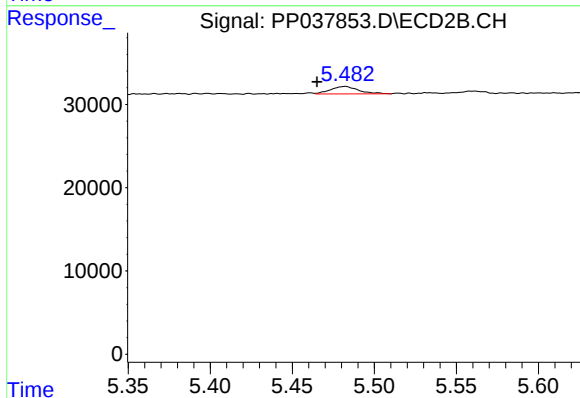
R.T.: 6.087 min  
Delta R.T.: 0.014 min  
Response: 8461  
Conc: 12.43 ng/ml



#22 AR-1248-2

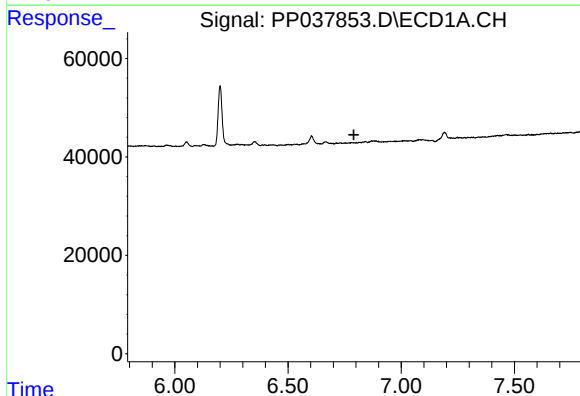
R.T.: 6.603 min  
Delta R.T.: 0.029 min  
Response: 21125  
Conc: 14.23 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-SOIL-03-QT3-2021



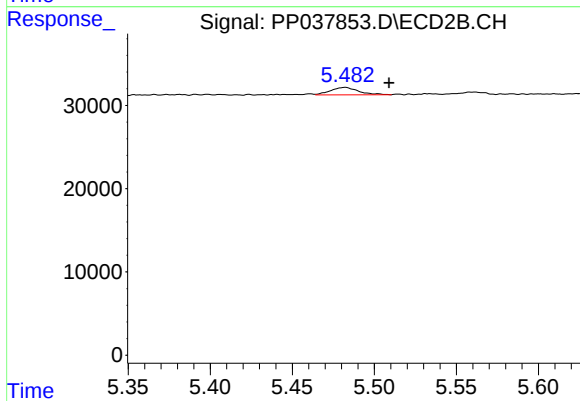
#22 AR-1248-2

R.T.: 5.482 min  
Delta R.T.: 0.017 min  
Response: 10590  
Conc: 12.91 ng/ml



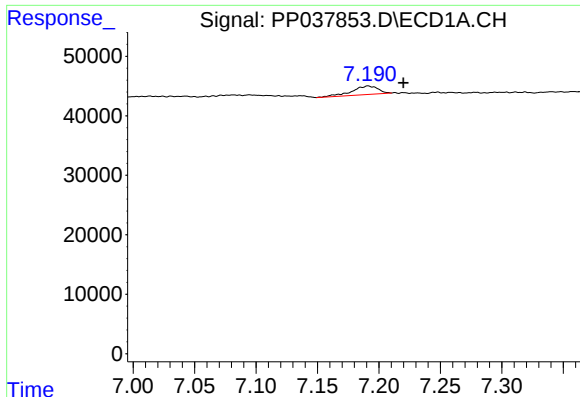
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 6.791 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

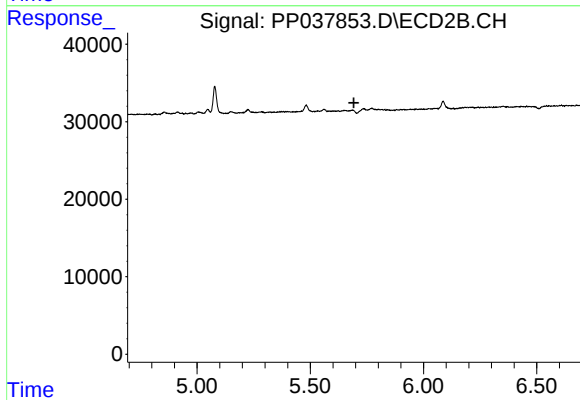
R.T.: 5.482 min  
Delta R.T.: -0.027 min  
Response: 10590  
Conc: 12.38 ng/ml



#24 AR-1248-4

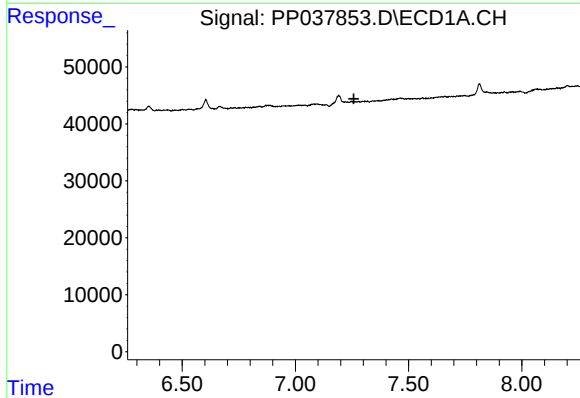
R.T.: 7.191 min  
Delta R.T.: -0.029 min  
Response: 21191  
Conc: 11.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-SOIL-03-QT3-2021



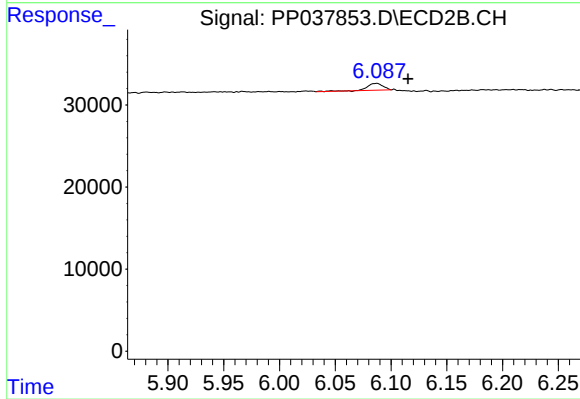
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.692 min  
Response: 0  
Conc: N.D.



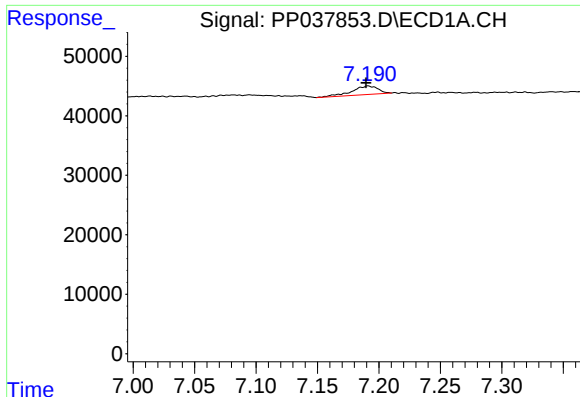
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 7.259 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

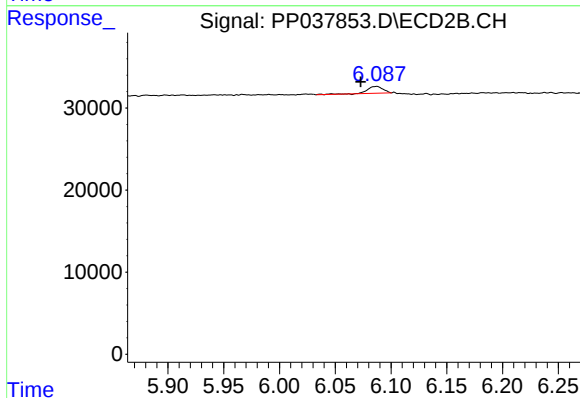
R.T.: 6.087 min  
Delta R.T.: -0.028 min  
Response: 8461  
Conc: 7.98 ng/ml



#26 AR-1254-1

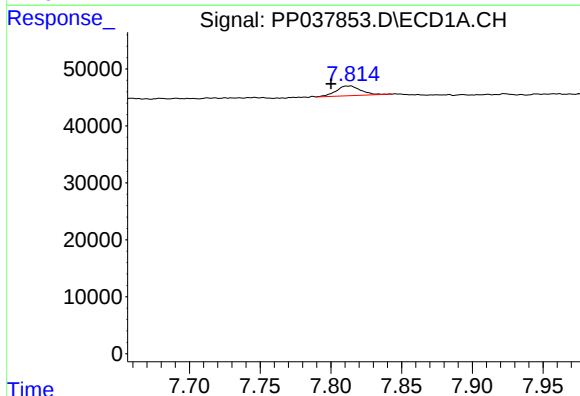
R.T.: 7.191 min  
Delta R.T.: 0.002 min  
Response: 21191  
Conc: 11.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-SOIL-03-QT3-2021



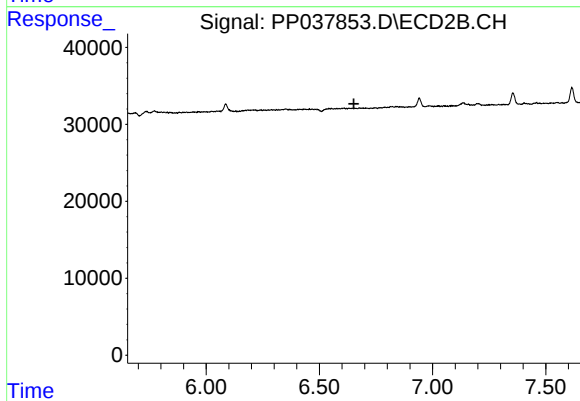
#26 AR-1254-1

R.T.: 6.087 min  
Delta R.T.: 0.014 min  
Response: 8461  
Conc: 5.70 ng/ml



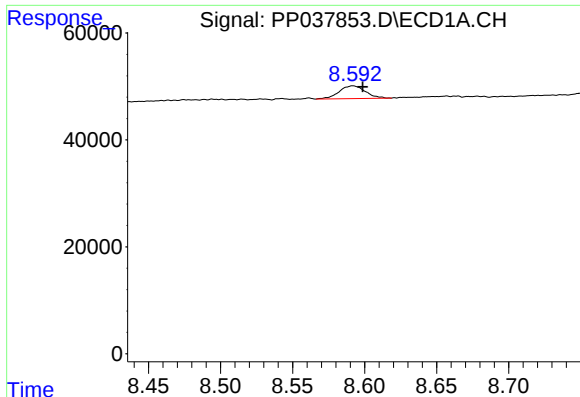
#28 AR-1254-3

R.T.: 7.814 min  
Delta R.T.: 0.014 min  
Response: 20613  
Conc: 6.69 ng/ml



#28 AR-1254-3

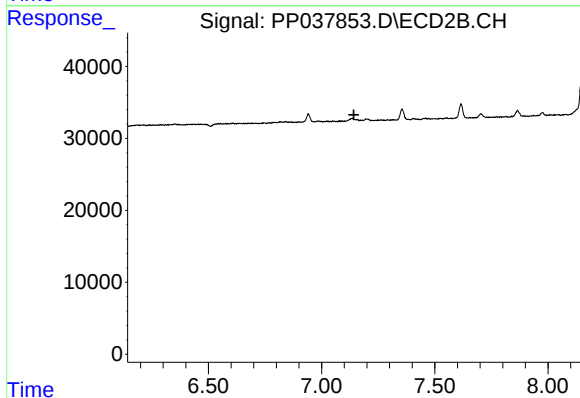
R.T.: 0.000 min  
Exp R.T.: 6.652 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

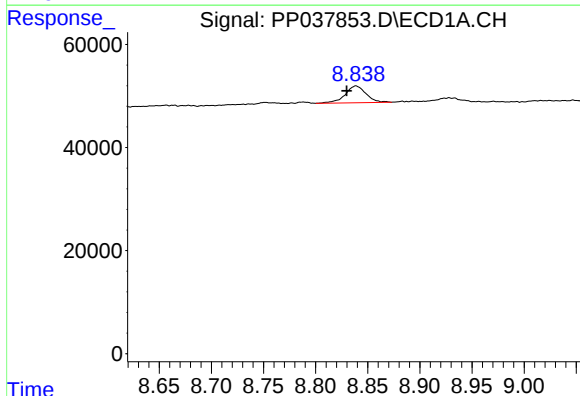
R.T.: 8.592 min  
Delta R.T.: -0.007 min  
Response: 30299  
Conc: 14.99 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-SOIL-03-QT3-2021



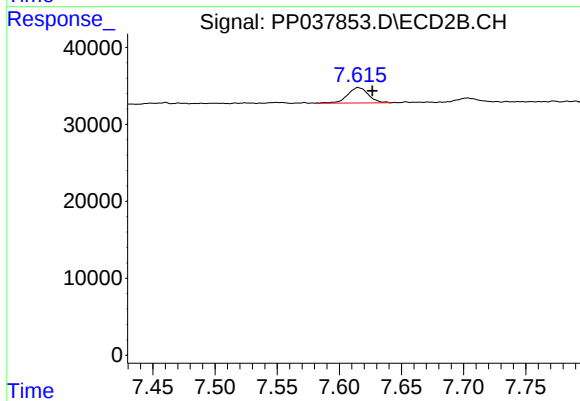
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.143 min  
Response: 0  
Conc: N.D.



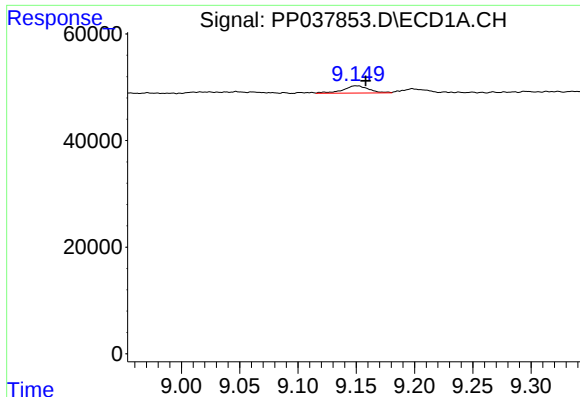
#34 AR-1260-4

R.T.: 8.839 min  
Delta R.T.: 0.009 min  
Response: 45141  
Conc: 18.35 ng/ml



#34 AR-1260-4

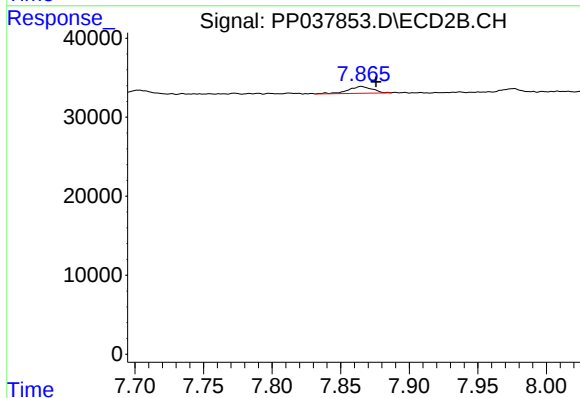
R.T.: 7.615 min  
Delta R.T.: -0.012 min  
Response: 23349  
Conc: 17.17 ng/ml



#35 AR-1260-5

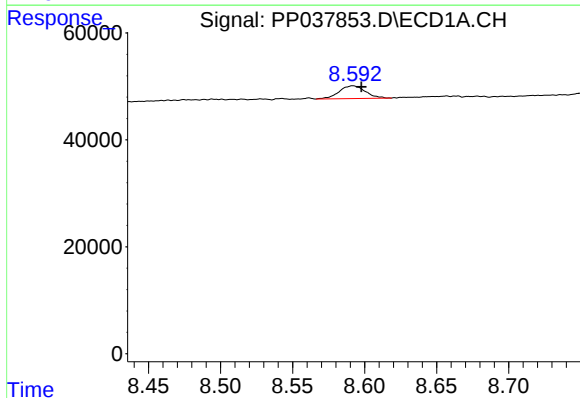
R.T.: 9.149 min  
Delta R.T.: -0.009 min  
Response: 20897  
Conc: 4.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-SOIL-03-QT3-2021



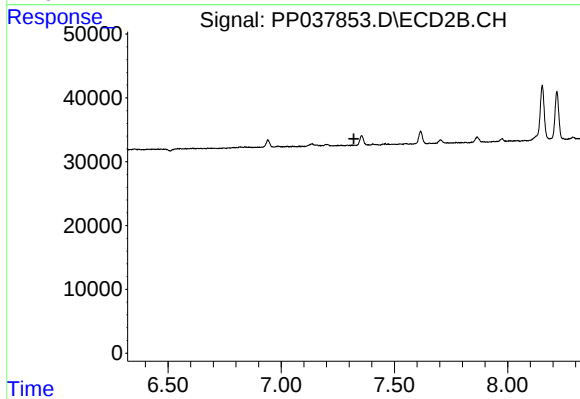
#35 AR-1260-5

R.T.: 7.865 min  
Delta R.T.: -0.011 min  
Response: 10381  
Conc: 3.22 ng/ml



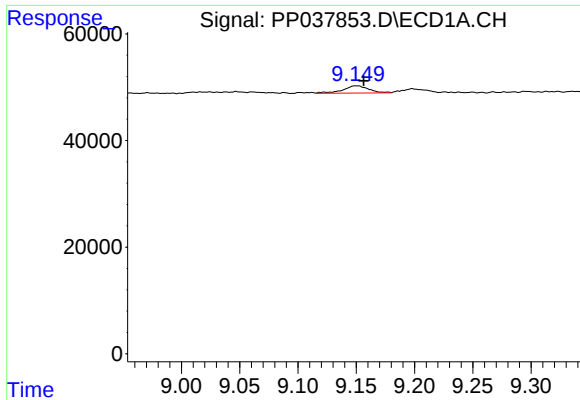
#36 AR-1262-1

R.T.: 8.592 min  
Delta R.T.: -0.006 min  
Response: 30299  
Conc: 10.40 ng/ml



#36 AR-1262-1

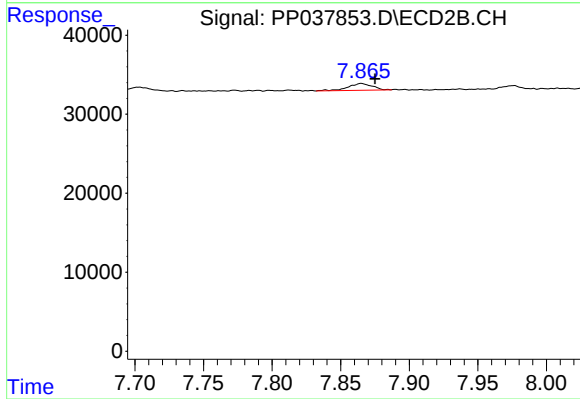
R.T.: 0.000 min  
Exp R.T.: 7.321 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

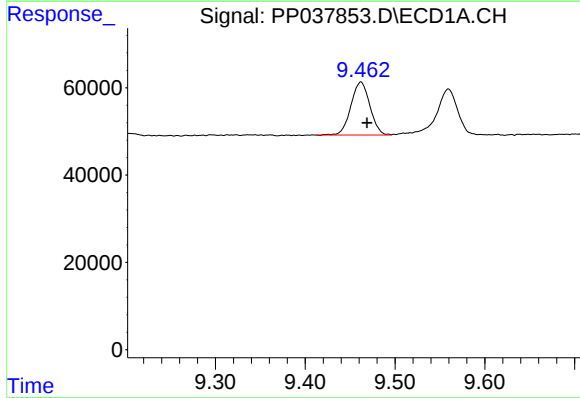
R.T.: 9.149 min  
Delta R.T.: -0.007 min  
Response: 20897  
Conc: 3.98 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-SOIL-03-QT3-2021



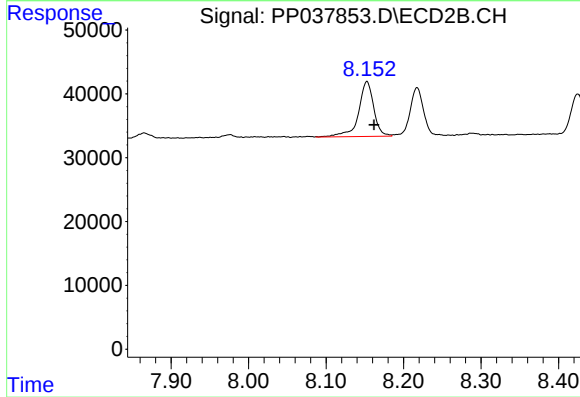
#37 AR-1262-2

R.T.: 7.865 min  
Delta R.T.: -0.010 min  
Response: 10381  
Conc: 2.98 ng/ml



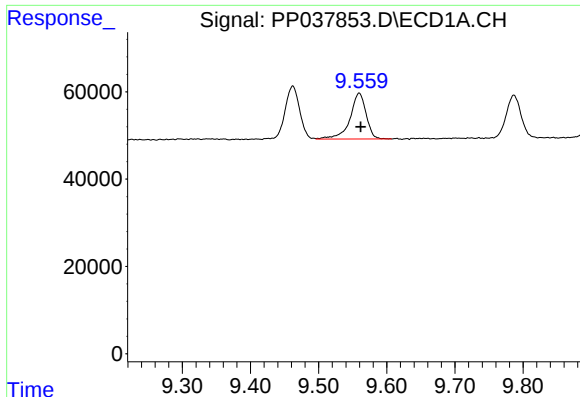
#38 AR-1262-3

R.T.: 9.462 min  
Delta R.T.: -0.007 min  
Response: 178112  
Conc: 46.48 ng/ml



#38 AR-1262-3

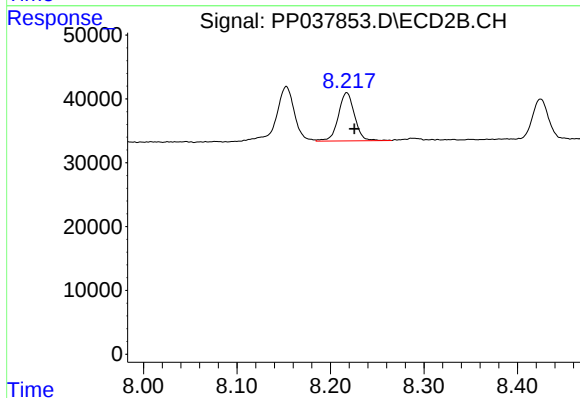
R.T.: 8.153 min  
Delta R.T.: -0.009 min  
Response: 117143  
Conc: 83.20 ng/ml



#39 AR-1262-4

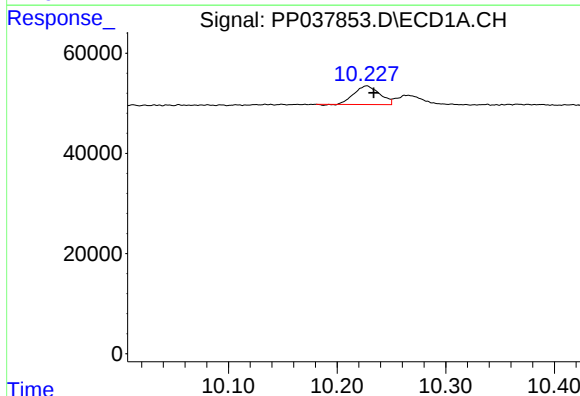
R.T.: 9.559 min  
Delta R.T.: -0.002 min  
Response: 172921  
Conc: 58.85 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-SOIL-03-QT3-2021



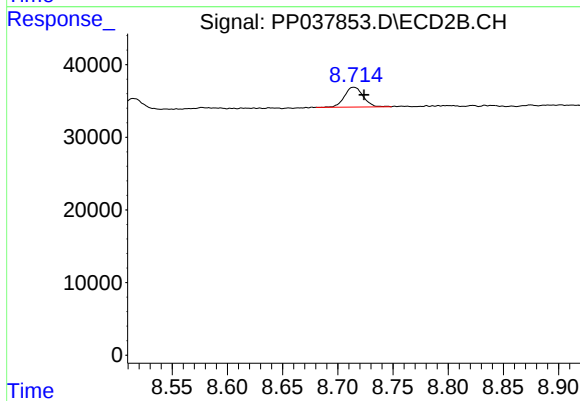
#39 AR-1262-4

R.T.: 8.217 min  
Delta R.T.: -0.008 min  
Response: 91414  
Conc: 34.33 ng/ml



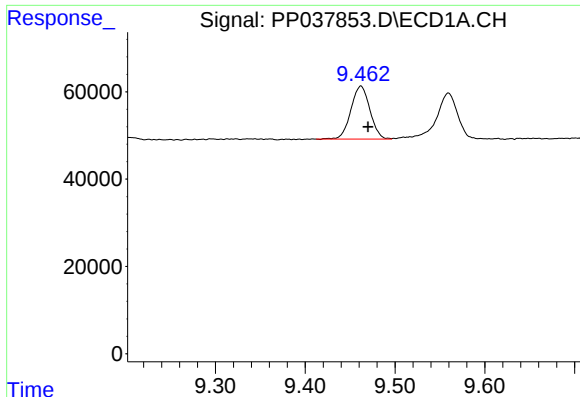
#40 AR-1262-5

R.T.: 10.227 min  
Delta R.T.: -0.007 min  
Response: 60434  
Conc: 28.42 ng/ml



#40 AR-1262-5

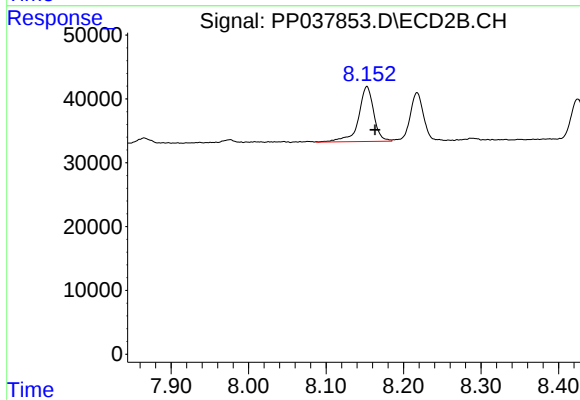
R.T.: 8.715 min  
Delta R.T.: -0.009 min  
Response: 32080  
Conc: 25.38 ng/ml



#41 AR-1268-1

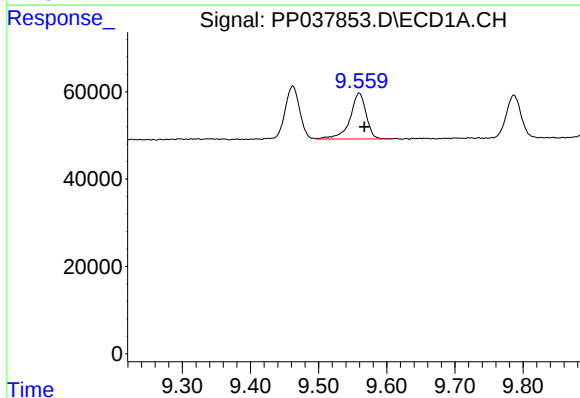
R.T.: 9.462 min  
Delta R.T.: -0.008 min  
Response: 178112  
Conc: 29.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-SOIL-03-QT3-2021



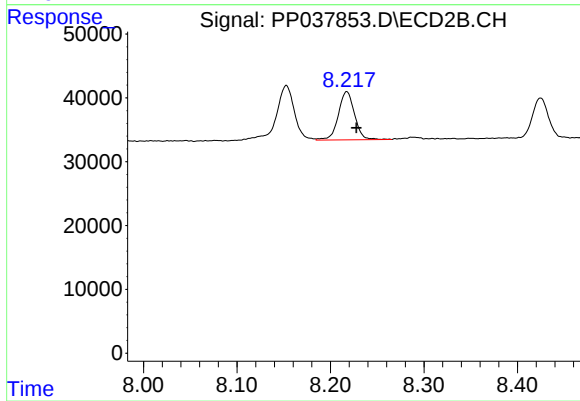
#41 AR-1268-1

R.T.: 8.153 min  
Delta R.T.: -0.010 min  
Response: 117143  
Conc: 29.40 ng/ml



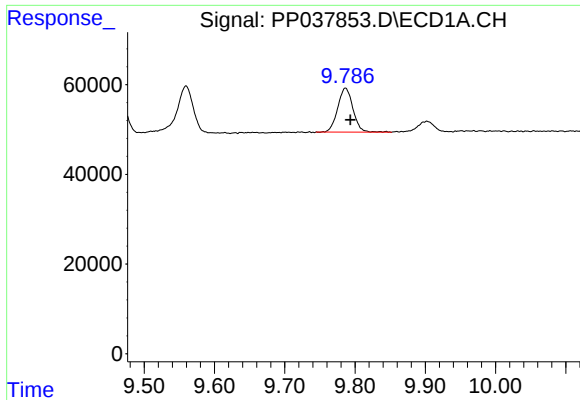
#42 AR-1268-2

R.T.: 9.559 min  
Delta R.T.: -0.008 min  
Response: 172921  
Conc: 30.09 ng/ml



#42 AR-1268-2

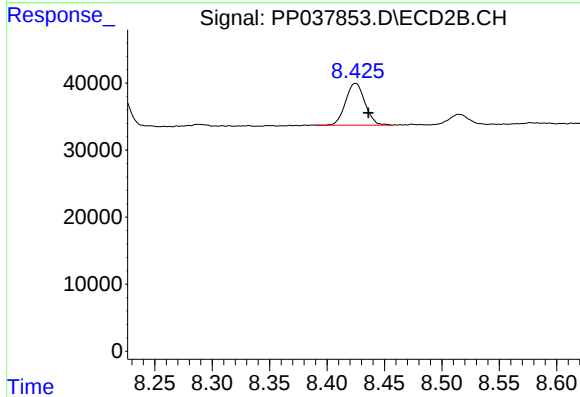
R.T.: 8.217 min  
Delta R.T.: -0.010 min  
Response: 91414  
Conc: 24.70 ng/ml



#43 AR-1268-3

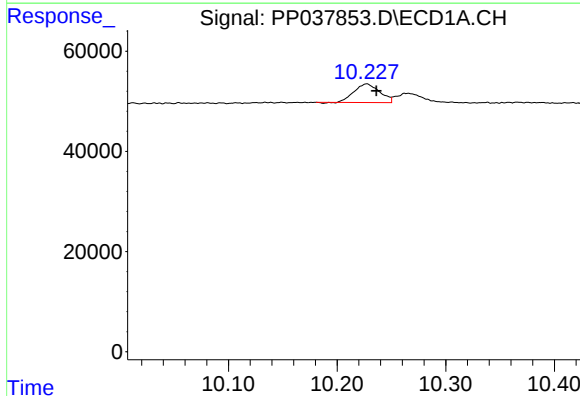
R.T.: 9.786 min  
Delta R.T.: -0.007 min  
Response: 148726  
Conc: 30.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-SOIL-03-QT3-2021



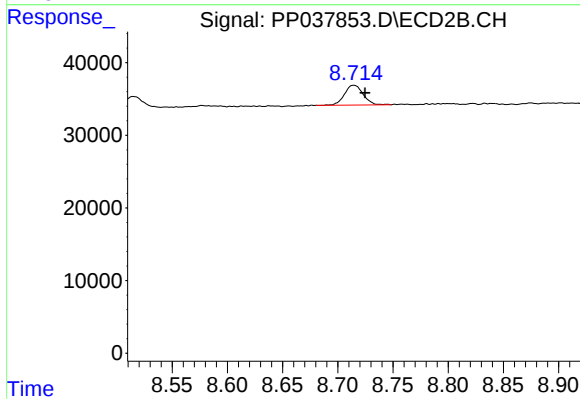
#43 AR-1268-3

R.T.: 8.425 min  
Delta R.T.: -0.011 min  
Response: 73824  
Conc: 23.50 ng/ml



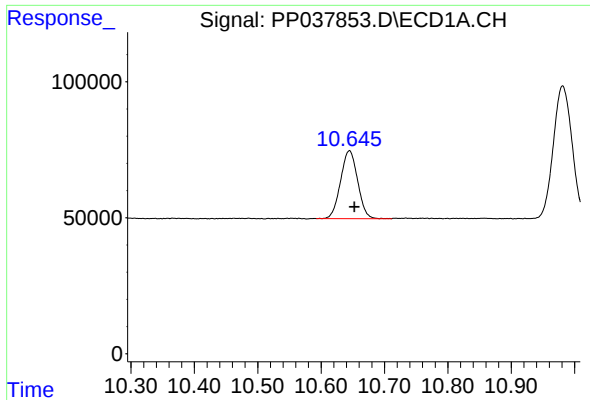
#44 AR-1268-4

R.T.: 10.227 min  
Delta R.T.: -0.009 min  
Response: 60434  
Conc: 26.42 ng/ml



#44 AR-1268-4

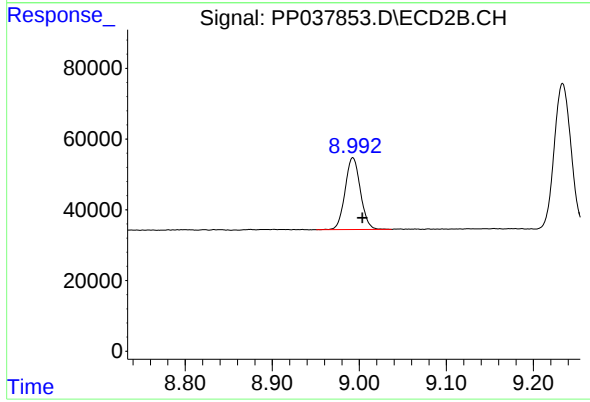
R.T.: 8.715 min  
Delta R.T.: -0.010 min  
Response: 32080  
Conc: 23.41 ng/ml



#45 AR-1268-5

R.T.: 10.645 min  
Delta R.T.: -0.008 min  
Response: 467270  
Conc: 29.51 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-SOIL-03-QT3-2021



#45 AR-1268-5

R.T.: 8.993 min  
Delta R.T.: -0.011 min  
Response: 247663  
Conc: 24.06 ng/ml