

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP110420\  
 Data File : PP031158.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 05 Nov 2020 6:21  
 Operator : DD\AJ  
 Sample : L4214-03  
 Misc : AR1262 MDL 25 PPB  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 MDL-SOIL-03-QT4-2020

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 05 07:01:09 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP110420.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Nov 04 08:24:38 2020  
 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... | 4.799  | 4.074  | 868146 | 834264 | 12.998 | 12.551   |
| 2)                          | SA Decachlor... | 10.681 | 9.395  | 562138 | 626034 | 14.059 | 14.993   |
| Target Compounds            |                 |        |        |        |        |        |          |
| 3)                          | L1 AR-1016-1    | 6.128f | 0.000  | 12610  | 0      | 6.476  | N.D. #   |
| 4)                          | L1 AR-1016-2    | 6.128  | 0.000  | 12610  | 0      | 4.417  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 6.193  | 0.000  | 2515   | 0      | 1.444  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 5.146  | 4.428  | 16837  | 10023  | 37.485 | 24.159 # |
| 12)                         | L3 AR-1232-2    | 5.814  | 0.000  | 2984   | 0      | 4.913  | N.D. #   |
| 13)                         | L3 AR-1232-3    | 6.128  | 0.000  | 12610  | 0      | 11.288 | N.D. #   |
| 16)                         | L4 AR-1242-1    | 6.128f | 0.000  | 12610  | 0      | 9.386  | N.D. #   |
| 17)                         | L4 AR-1242-2    | 6.128  | 0.000  | 12610  | 0      | 6.457  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 6.193  | 0.000  | 2515   | 0      | 2.062  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 7.073  | 6.210  | 11188  | 6286   | 11.724 | 6.314 #  |
| 21)                         | L5 AR-1248-1    | 6.128f | 0.000  | 12610  | 0      | 13.077 | N.D. #   |
| 24)                         | L5 AR-1248-4    | 7.012f | 0.000  | 24618  | 0      | 16.153 | N.D. #   |
| 25)                         | L5 AR-1248-5    | 7.073  | 6.234f | 11188  | 6732   | 7.375  | 5.330 #  |
| 26)                         | L6 AR-1254-1    | 7.012  | 6.210  | 24618  | 6286   | 17.534 | 3.196 #  |
| 27)                         | L6 AR-1254-2    | 7.241  | 6.366  | 14831  | 7544   | 7.115  | 4.591 #  |
| 28)                         | L6 AR-1254-3    | 7.620  | 6.807  | 37342  | 24669  | 16.179 | 9.009 #  |
| 30)                         | L6 AR-1254-5    | 8.338  | 7.454  | 27902  | 29817  | 16.529 | 13.618   |
| 31)                         | L7 AR-1260-1    | 7.785  | 6.924  | 41731  | 29387  | 22.719 | 14.663 # |
| 32)                         | L7 AR-1260-2    | 8.051  | 7.121  | 34832  | 35143  | 16.169 | 15.007   |
| 33)                         | L7 AR-1260-3    | 8.415  | 7.278  | 46614  | 33733  | 28.318 | 14.837 # |
| 34)                         | L7 AR-1260-4    | 8.644  | 7.760  | 32751  | 47348  | 17.614 | 25.952 # |
| 35)                         | L7 AR-1260-5    | 8.958  | 8.007  | 94923  | 102641 | 25.176 | 22.807   |
| 36)                         | L8 AR-1262-1    | 8.415  | 7.497  | 46614  | 60605  | 23.200 | 26.092   |
| 37)                         | L8 AR-1262-2    | 8.958  | 8.007  | 94923  | 102641 | 26.117 | 24.758   |
| 38)                         | L8 AR-1262-3    | 9.259  | 8.294  | 67719  | 35400  | 26.196 | 20.880   |
| 39)                         | L8 AR-1262-4    | 9.346  | 8.357  | 70643  | 75484  | 34.312 | 23.770 # |
| 40)                         | L8 AR-1262-5    | 9.972  | 8.854  | 73021  | 37258  | 51.549 | 23.181 # |
| 41)                         | L9 AR-1268-1    | 9.259  | 8.294  | 67719  | 35400  | 15.503 | 7.231 #  |
| 42)                         | L9 AR-1268-2    | 9.346  | 8.357  | 70643  | 75484  | 16.428 | 15.872   |
| 43)                         | L9 AR-1268-3    | 9.580  | 8.577  | 43010  | 1159   | 11.892 | 0.290 #  |
| 44)                         | L9 AR-1268-4    | 9.972  | 8.854  | 73021  | 37258  | 46.103 | 21.990 # |
| 45)                         | L9 AR-1268-5    | 10.364 | 9.143  | 32438  | 15781  | 2.712  | 1.177 #  |
| -----                       |                 |        |        |        |        |        |          |

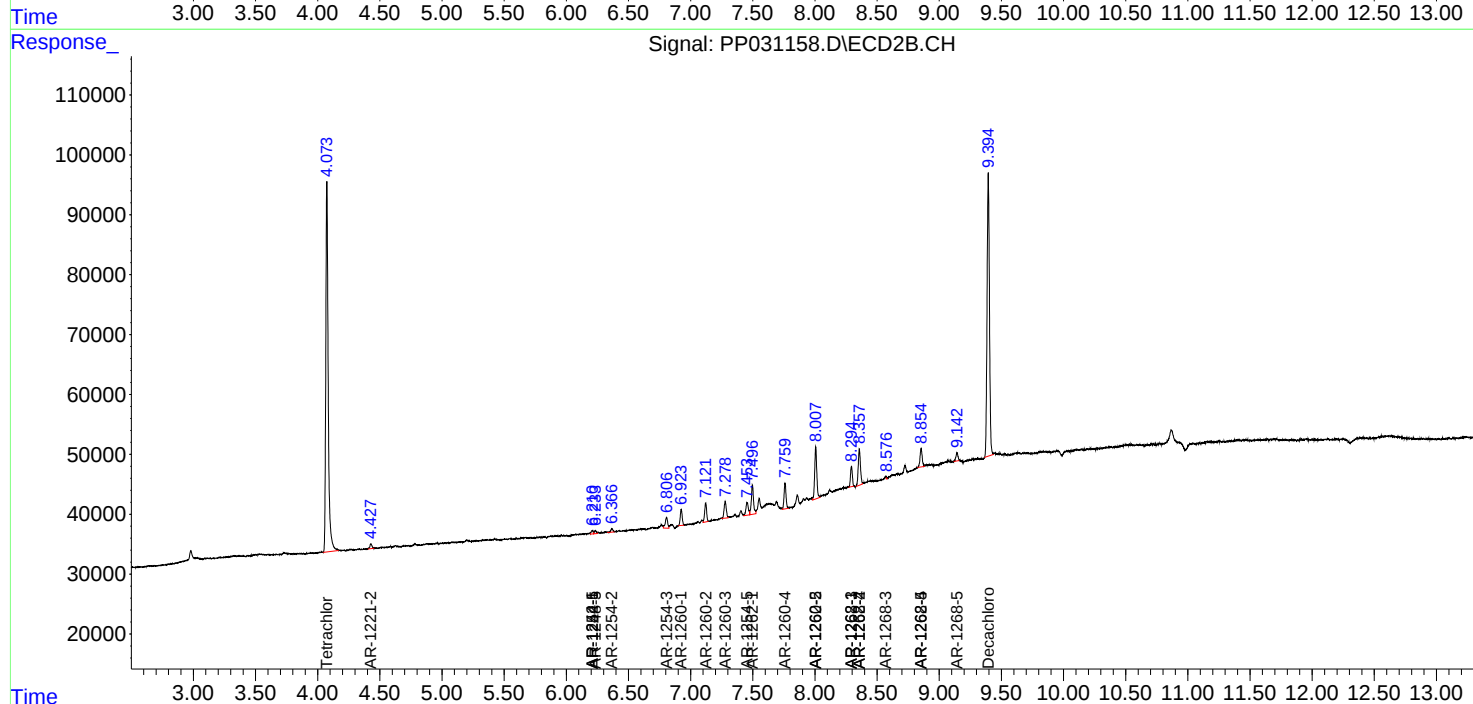
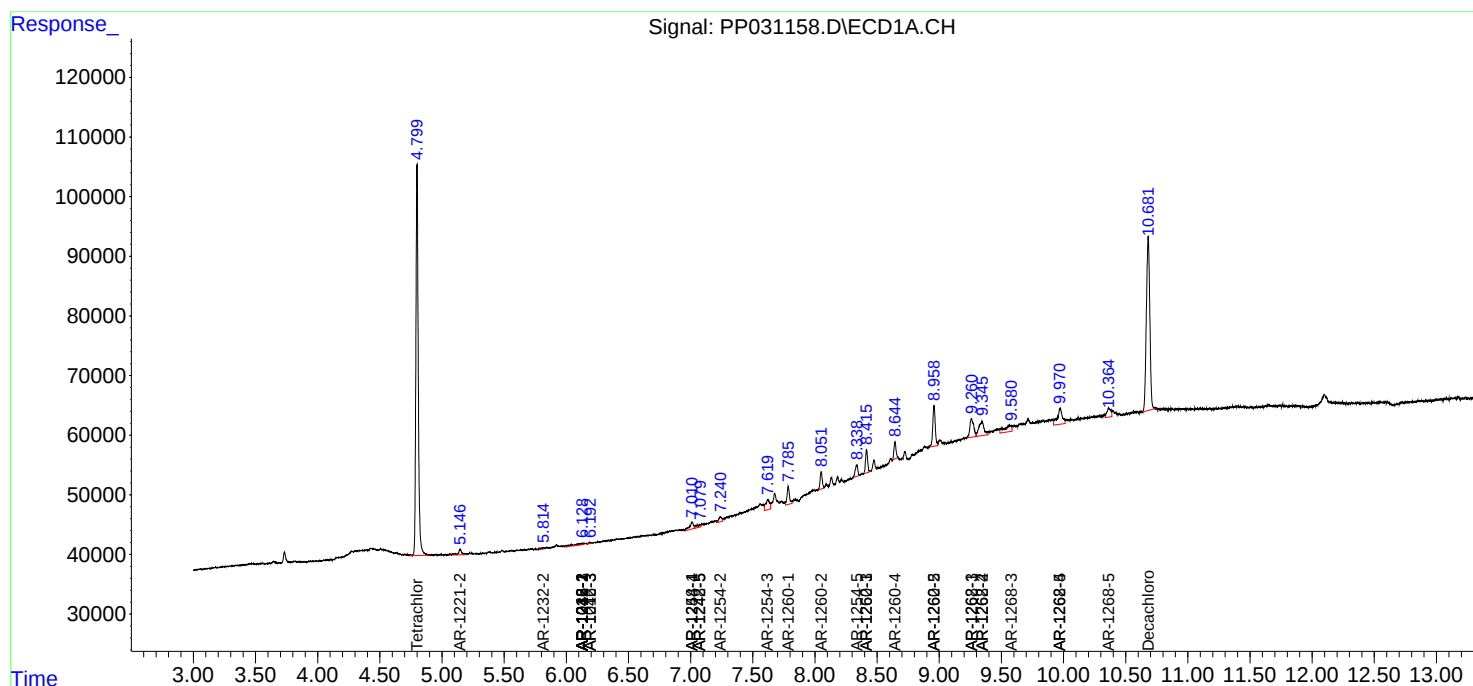
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

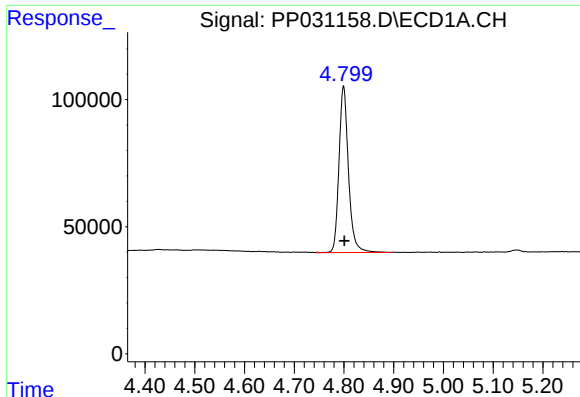
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP110420\  
Data File : PP031158.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 05 Nov 2020 6:21  
Operator : DD\AJ  
Sample : L4214-03  
Misc : AR1262 MDL 25 PPB  
ALS Vial : 63 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 05 07:01:09 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP110420.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Nov 04 08:24:38 2020  
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

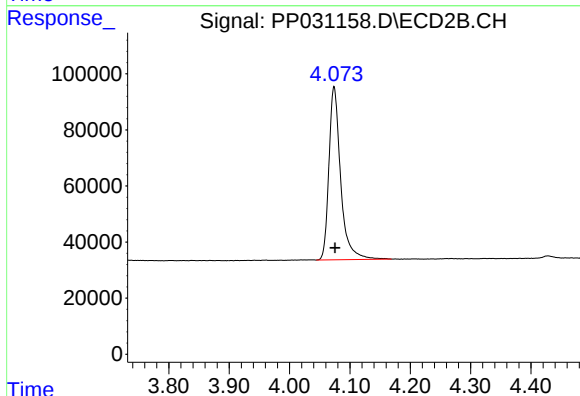




#1 Tetrachloro-m-xylene

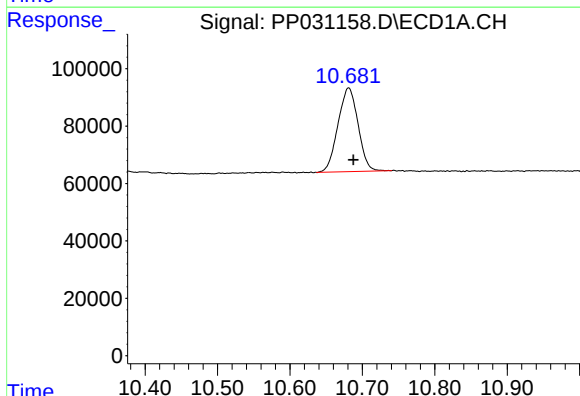
R.T.: 4.799 min  
Delta R.T.: -0.002 min  
Response: 868146  
Conc: 13.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



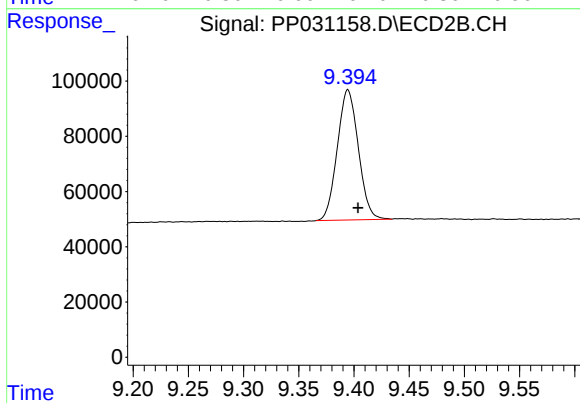
#1 Tetrachloro-m-xylene

R.T.: 4.074 min  
Delta R.T.: -0.002 min  
Response: 834264  
Conc: 12.55 ng/ml



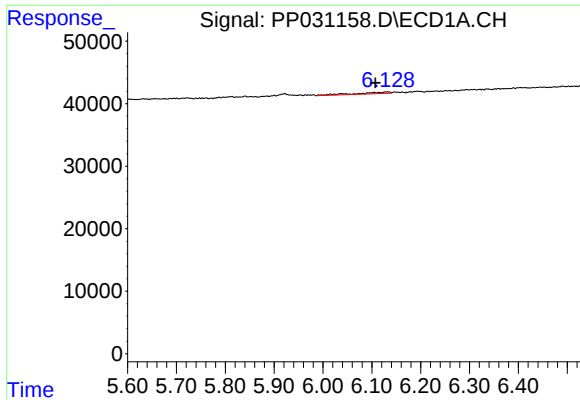
#2 Decachlorobiphenyl

R.T.: 10.681 min  
Delta R.T.: -0.006 min  
Response: 562138  
Conc: 14.06 ng/ml



#2 Decachlorobiphenyl

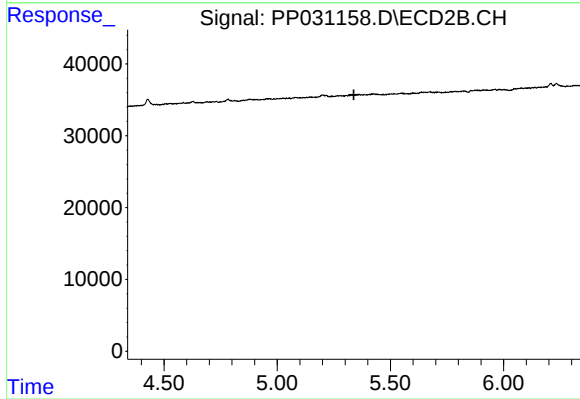
R.T.: 9.395 min  
Delta R.T.: -0.009 min  
Response: 626034  
Conc: 14.99 ng/ml



#3 AR-1016-1

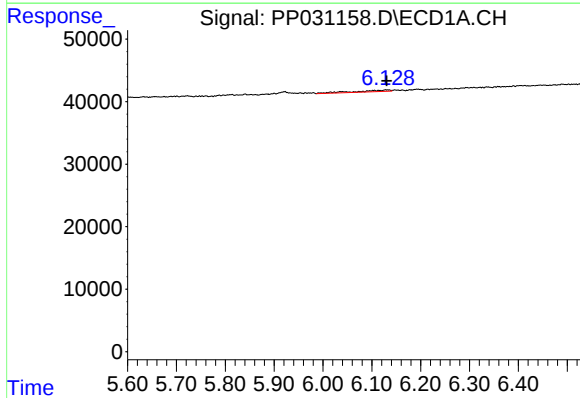
R.T.: 6.128 min  
Delta R.T.: 0.021 min  
Response: 12610  
Conc: 6.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



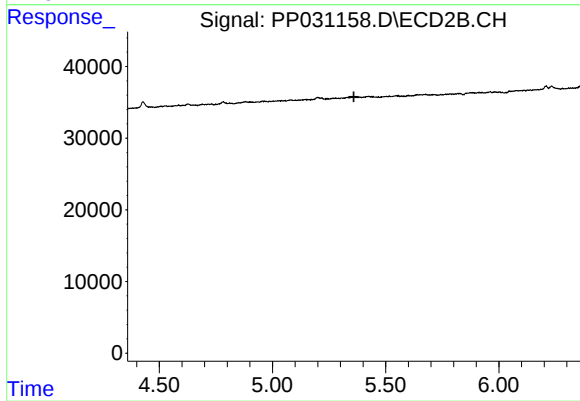
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.339 min  
Response: 0  
Conc: N.D.



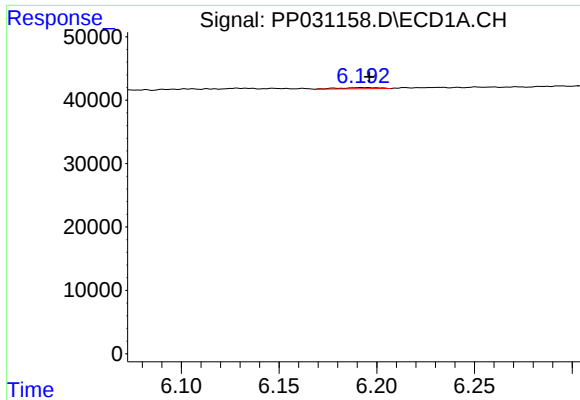
#4 AR-1016-2

R.T.: 6.128 min  
Delta R.T.: -0.002 min  
Response: 12610  
Conc: 4.42 ng/ml



#4 AR-1016-2

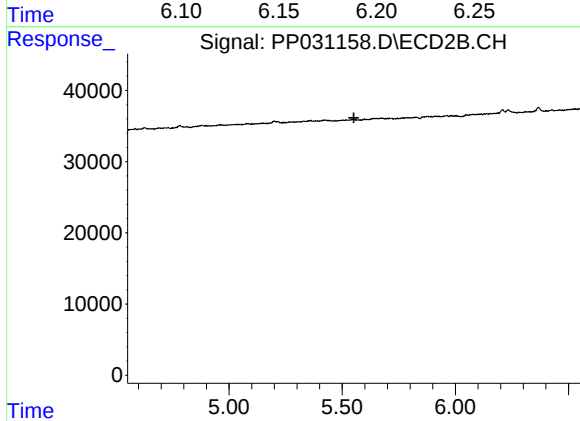
R.T.: 0.000 min  
Exp R.T. : 5.360 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

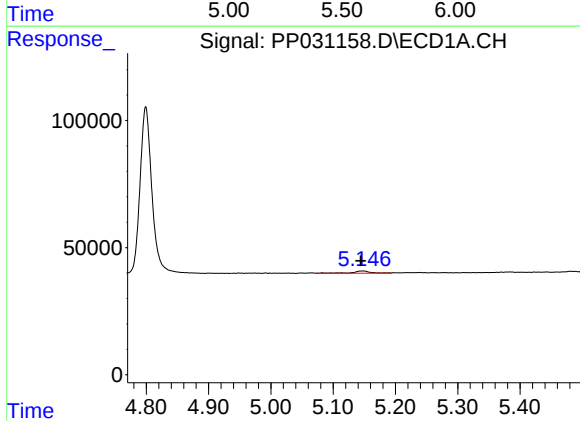
R.T.: 6.193 min  
Delta R.T.: -0.003 min  
Response: 2515  
Conc: 1.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



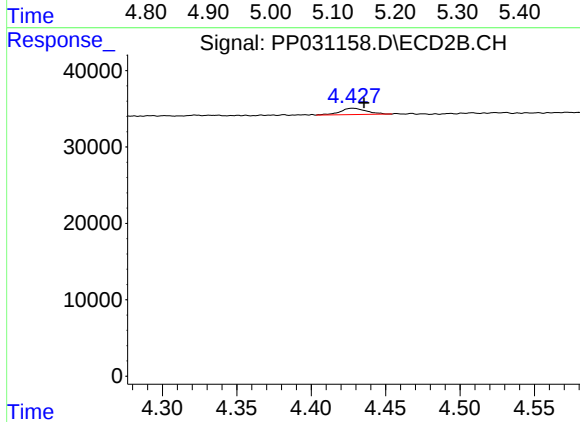
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.552 min  
Response: 0  
Conc: N.D.



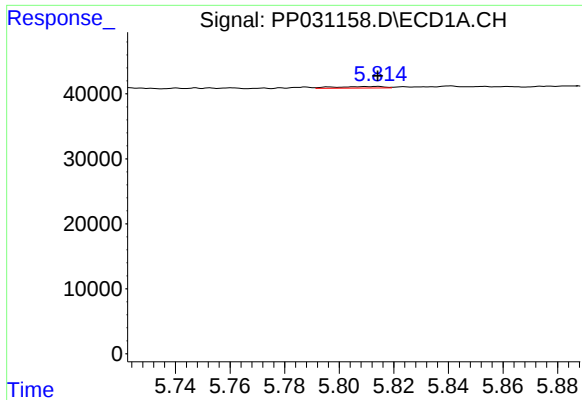
#9 AR-1221-2

R.T.: 5.146 min  
Delta R.T.: 0.001 min  
Response: 16837  
Conc: 37.49 ng/ml



#9 AR-1221-2

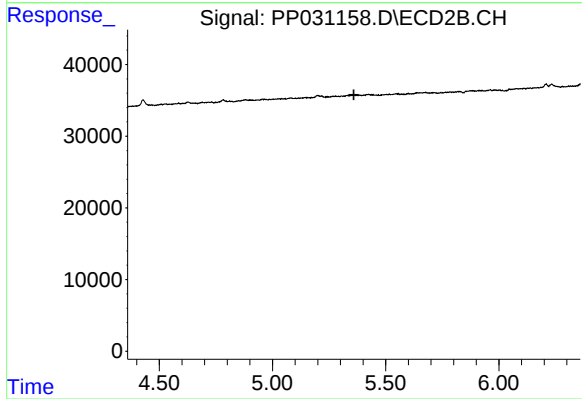
R.T.: 4.428 min  
Delta R.T.: -0.008 min  
Response: 10023  
Conc: 24.16 ng/ml



#12 AR-1232-2

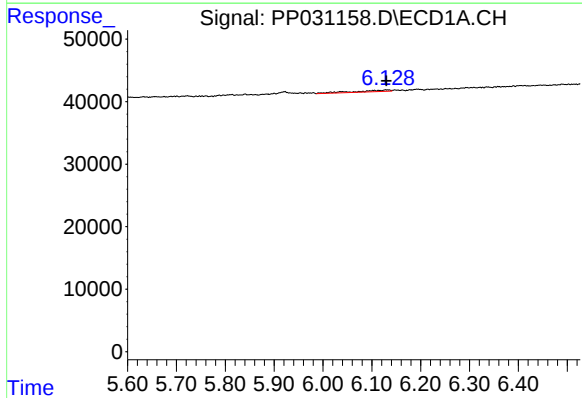
R.T.: 5.814 min  
Delta R.T.: 0.000 min  
Response: 2984  
Conc: 4.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



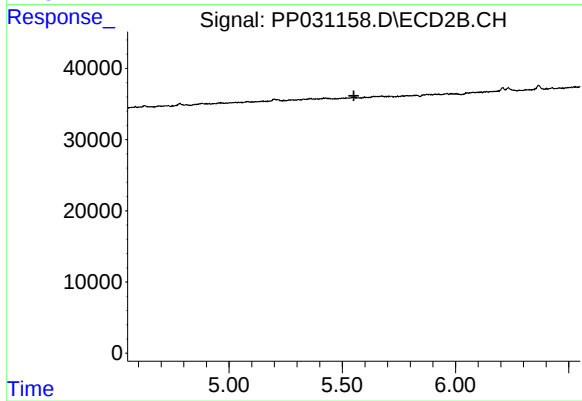
#12 AR-1232-2

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



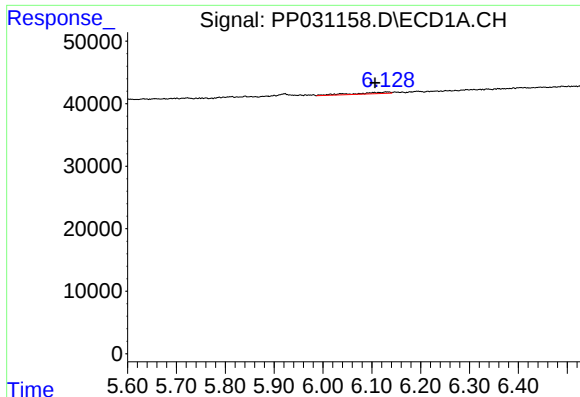
#13 AR-1232-3

R.T.: 6.128 min  
Delta R.T.: -0.001 min  
Response: 12610  
Conc: 11.29 ng/ml



#13 AR-1232-3

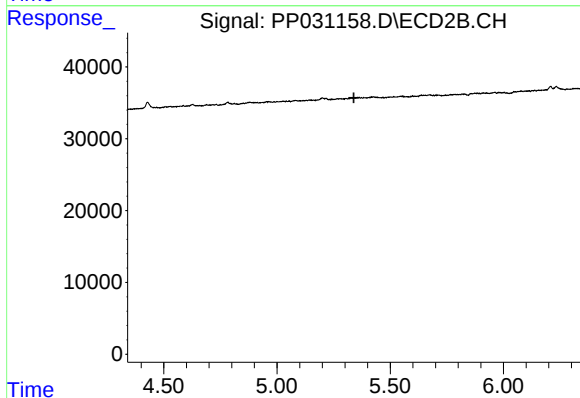
R.T.: 0.000 min  
Exp R.T. : 5.551 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

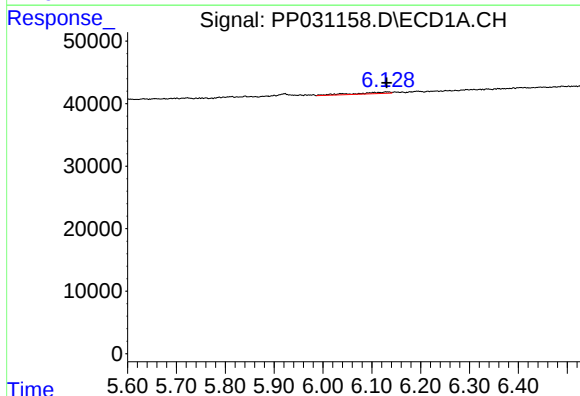
R.T.: 6.128 min  
Delta R.T.: 0.021 min  
Response: 12610  
Conc: 9.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



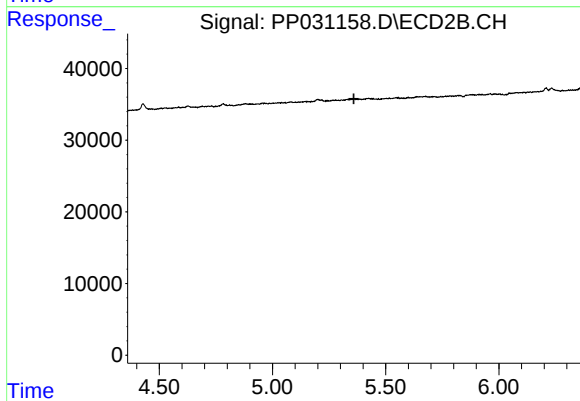
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.339 min  
Response: 0  
Conc: N.D.



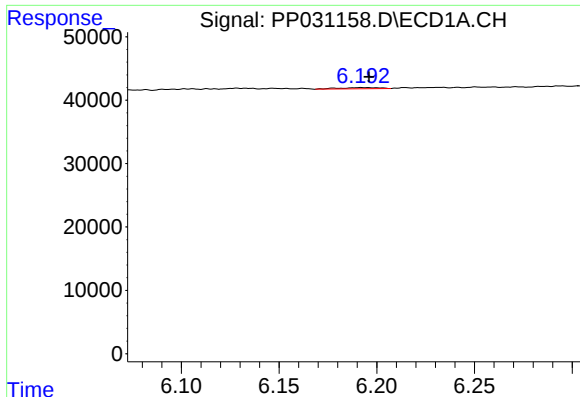
#17 AR-1242-2

R.T.: 6.128 min  
Delta R.T.: -0.002 min  
Response: 12610  
Conc: 6.46 ng/ml



#17 AR-1242-2

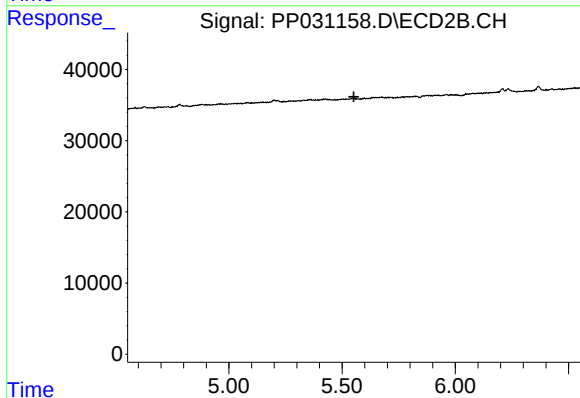
R.T.: 0.000 min  
Exp R.T. : 5.359 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

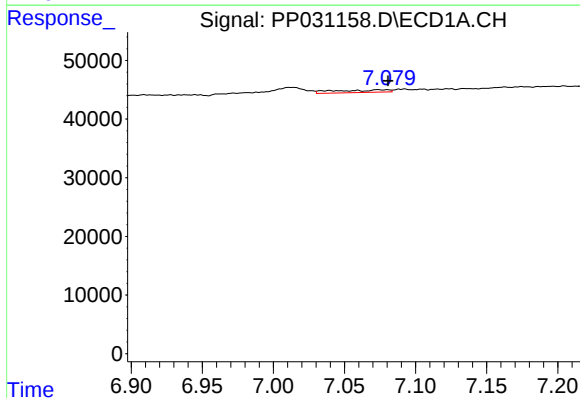
R.T.: 6.193 min  
Delta R.T.: -0.003 min  
Response: 2515  
Conc: 2.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



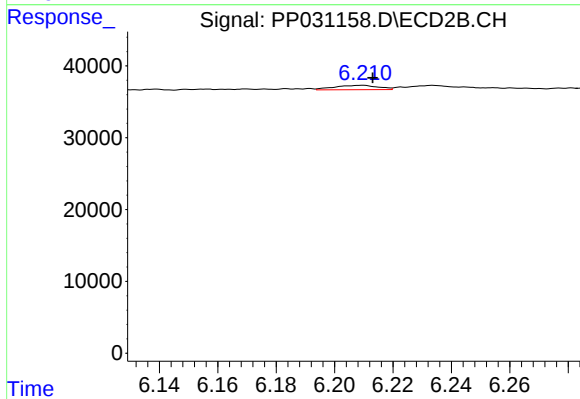
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.552 min  
Response: 0  
Conc: N.D.



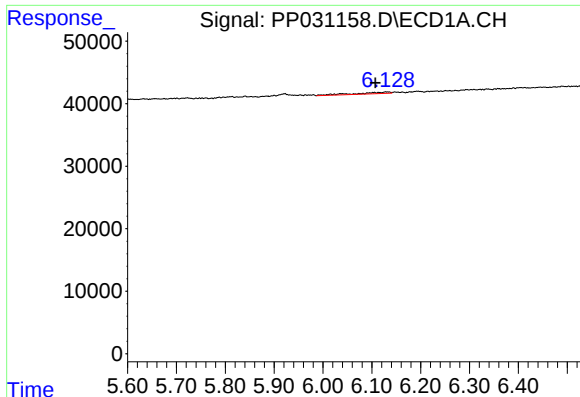
#20 AR-1242-5

R.T.: 7.073 min  
Delta R.T.: -0.007 min  
Response: 11188  
Conc: 11.72 ng/ml



#20 AR-1242-5

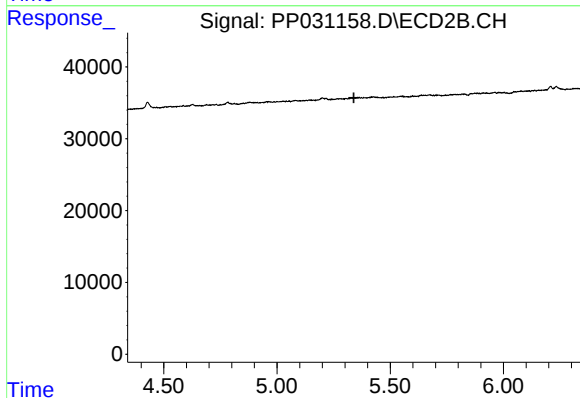
R.T.: 6.210 min  
Delta R.T.: -0.003 min  
Response: 6286  
Conc: 6.31 ng/ml



#21 AR-1248-1

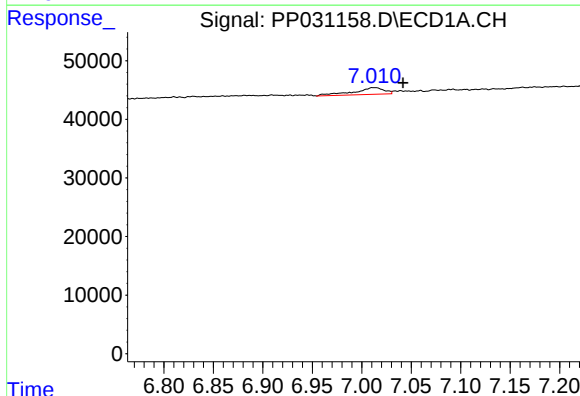
R.T.: 6.128 min  
Delta R.T.: 0.021 min  
Response: 12610  
Conc: 13.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



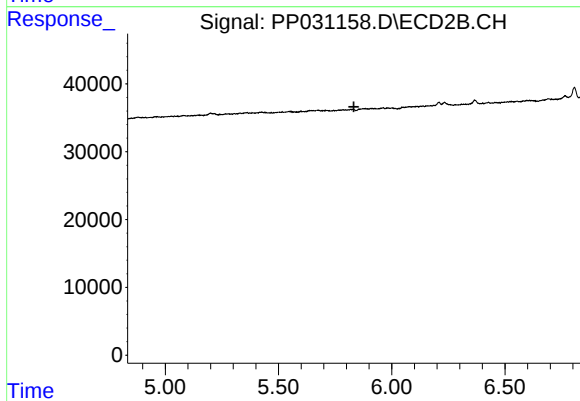
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.339 min  
Response: 0  
Conc: N.D.



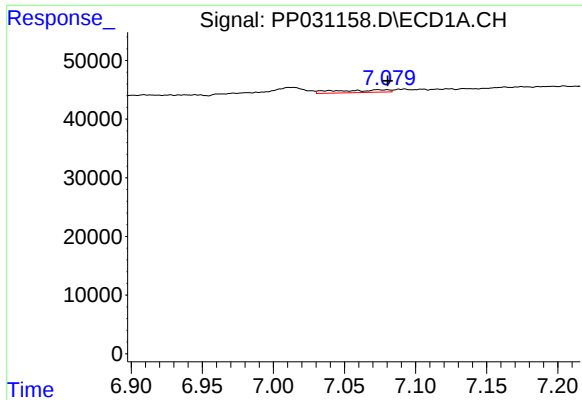
#24 AR-1248-4

R.T.: 7.012 min  
Delta R.T.: -0.030 min  
Response: 24618  
Conc: 16.15 ng/ml



#24 AR-1248-4

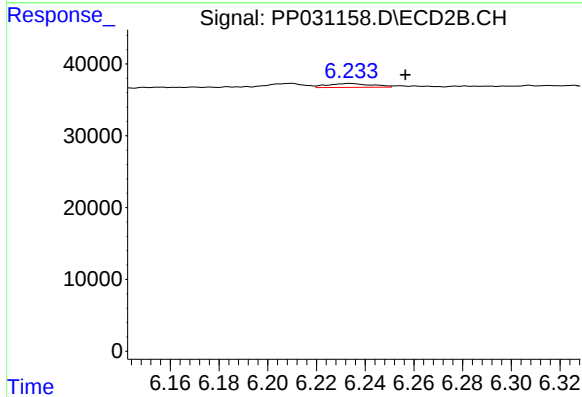
R.T.: 0.000 min  
Exp R.T. : 5.833 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

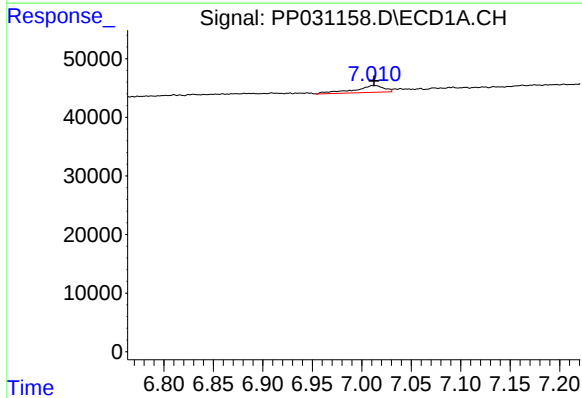
R.T.: 7.073 min  
Delta R.T.: -0.007 min  
Response: 11188  
Conc: 7.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



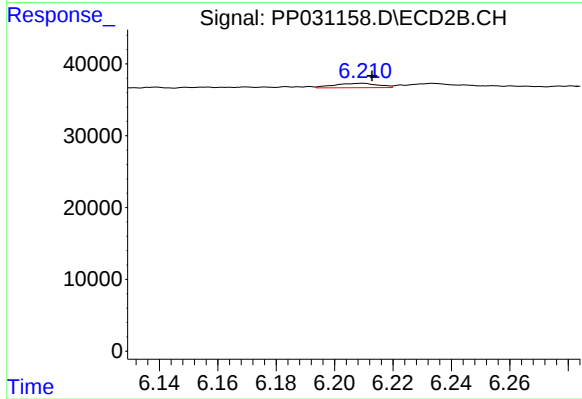
#25 AR-1248-5

R.T.: 6.234 min  
Delta R.T.: -0.023 min  
Response: 6732  
Conc: 5.33 ng/ml



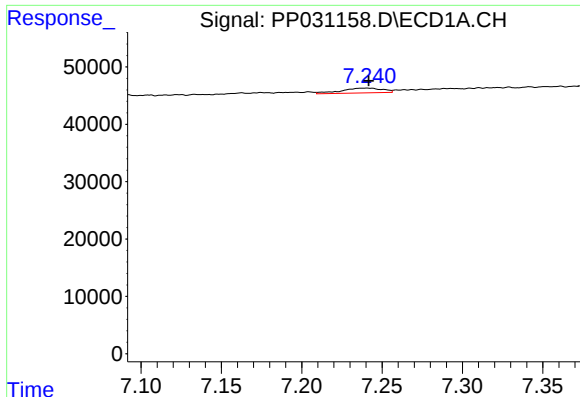
#26 AR-1254-1

R.T.: 7.012 min  
Delta R.T.: 0.000 min  
Response: 24618  
Conc: 17.53 ng/ml



#26 AR-1254-1

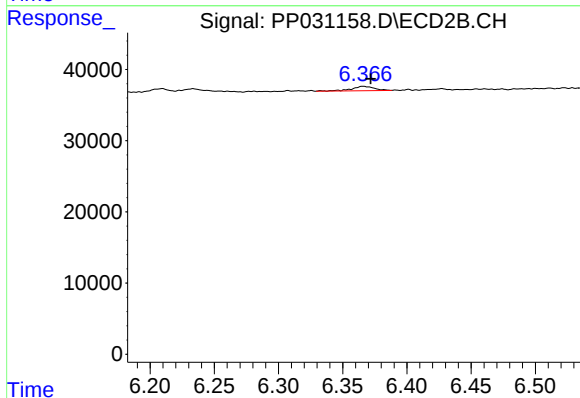
R.T.: 6.210 min  
Delta R.T.: -0.003 min  
Response: 6286  
Conc: 3.20 ng/ml



#27 AR-1254-2

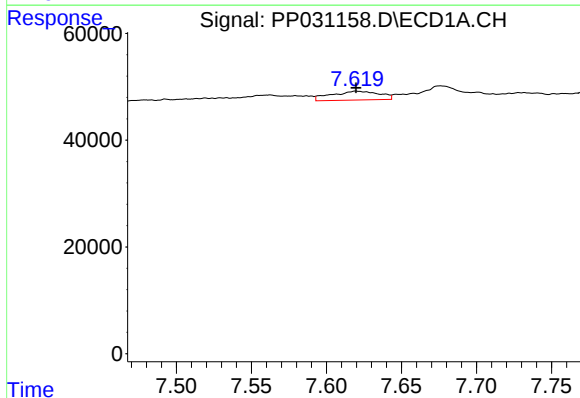
R.T.: 7.241 min  
Delta R.T.: -0.001 min  
Response: 14831  
Conc: 7.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



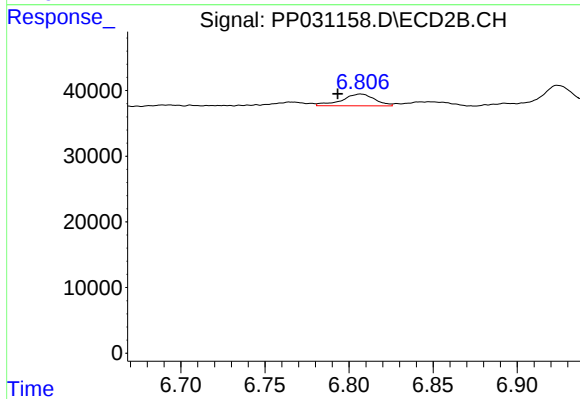
#27 AR-1254-2

R.T.: 6.366 min  
Delta R.T.: -0.006 min  
Response: 7544  
Conc: 4.59 ng/ml



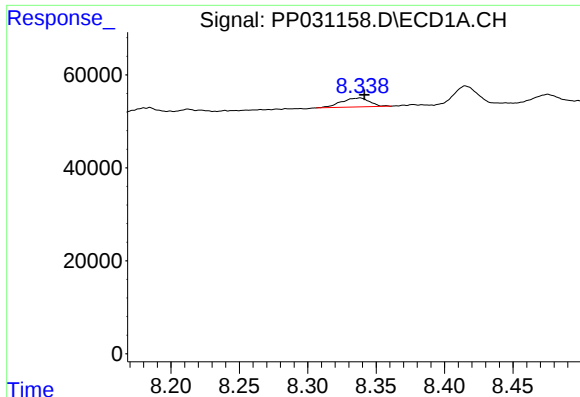
#28 AR-1254-3

R.T.: 7.620 min  
Delta R.T.: 0.000 min  
Response: 37342  
Conc: 16.18 ng/ml



#28 AR-1254-3

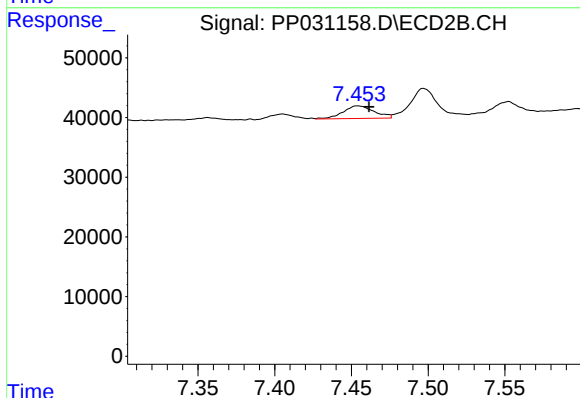
R.T.: 6.807 min  
Delta R.T.: 0.014 min  
Response: 24669  
Conc: 9.01 ng/ml



#30 AR-1254-5

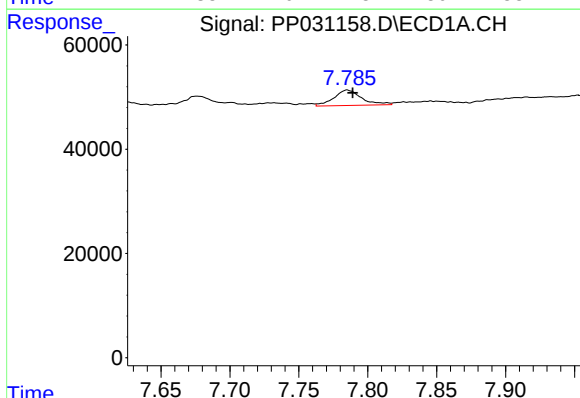
R.T.: 8.338 min  
Delta R.T.: -0.004 min  
Response: 27902  
Conc: 16.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



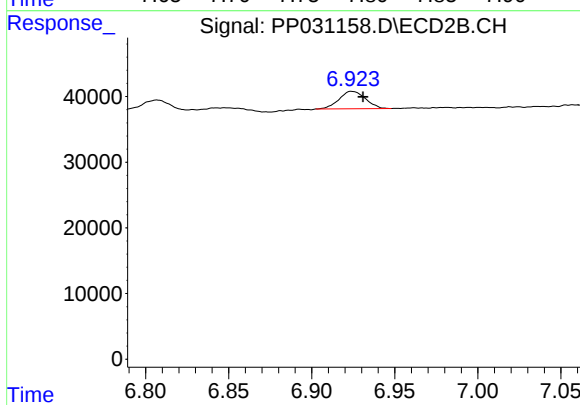
#30 AR-1254-5

R.T.: 7.454 min  
Delta R.T.: -0.008 min  
Response: 29817  
Conc: 13.62 ng/ml



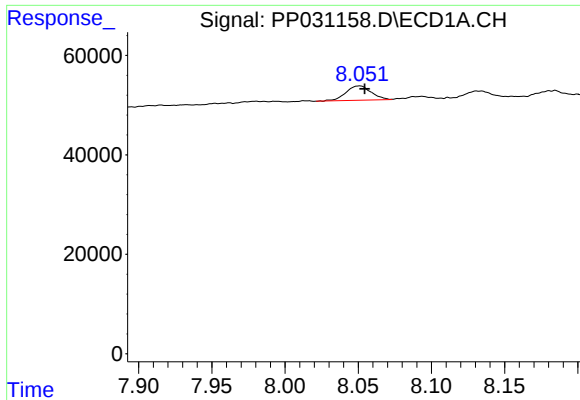
#31 AR-1260-1

R.T.: 7.785 min  
Delta R.T.: -0.004 min  
Response: 41731  
Conc: 22.72 ng/ml



#31 AR-1260-1

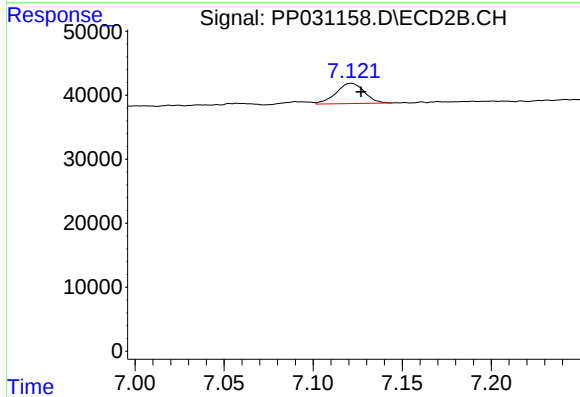
R.T.: 6.924 min  
Delta R.T.: -0.007 min  
Response: 29387  
Conc: 14.66 ng/ml



#32 AR-1260-2

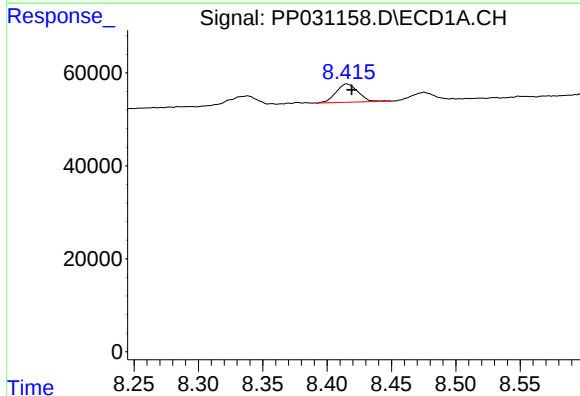
R.T.: 8.051 min  
Delta R.T.: -0.004 min  
Response: 34832  
Conc: 16.17 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



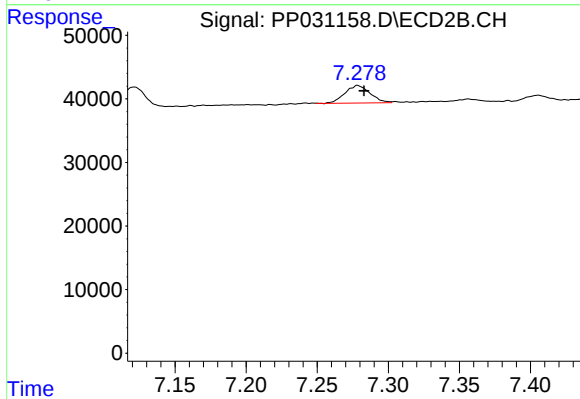
#32 AR-1260-2

R.T.: 7.121 min  
Delta R.T.: -0.006 min  
Response: 35143  
Conc: 15.01 ng/ml



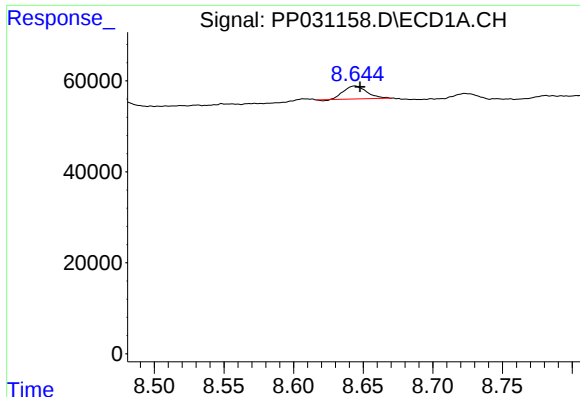
#33 AR-1260-3

R.T.: 8.415 min  
Delta R.T.: -0.004 min  
Response: 46614  
Conc: 28.32 ng/ml



#33 AR-1260-3

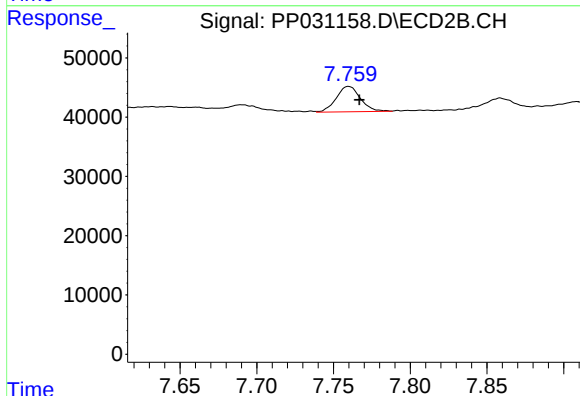
R.T.: 7.278 min  
Delta R.T.: -0.005 min  
Response: 33733  
Conc: 14.84 ng/ml



#34 AR-1260-4

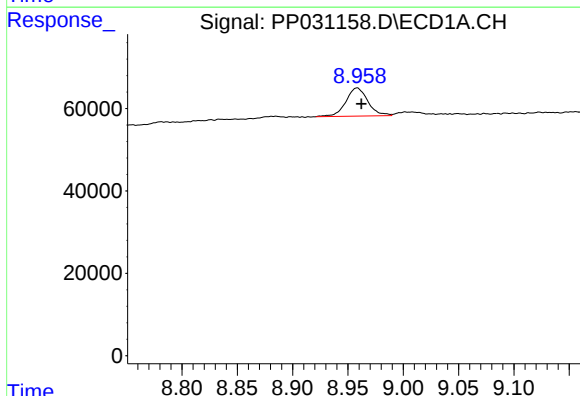
R.T.: 8.644 min  
Delta R.T.: -0.004 min  
Response: 32751  
Conc: 17.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



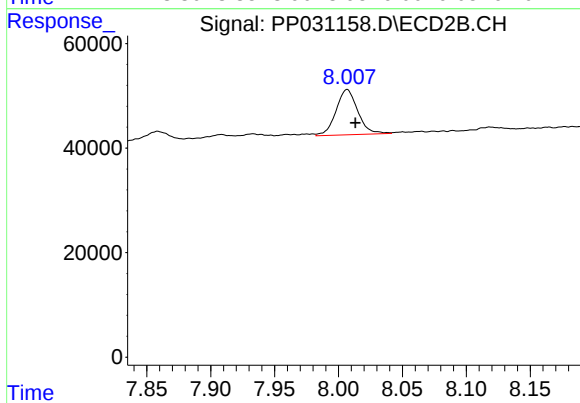
#34 AR-1260-4

R.T.: 7.760 min  
Delta R.T.: -0.007 min  
Response: 47348  
Conc: 25.95 ng/ml



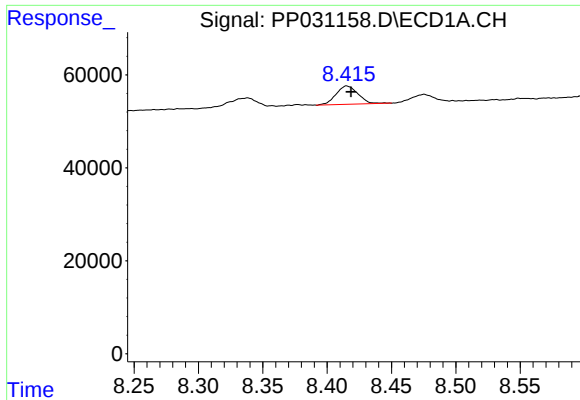
#35 AR-1260-5

R.T.: 8.958 min  
Delta R.T.: -0.004 min  
Response: 94923  
Conc: 25.18 ng/ml



#35 AR-1260-5

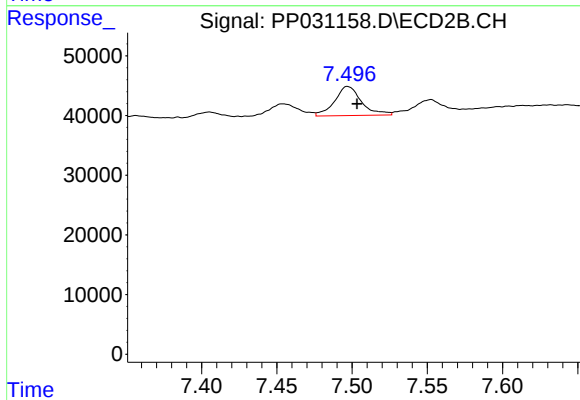
R.T.: 8.007 min  
Delta R.T.: -0.006 min  
Response: 102641  
Conc: 22.81 ng/ml



#36 AR-1262-1

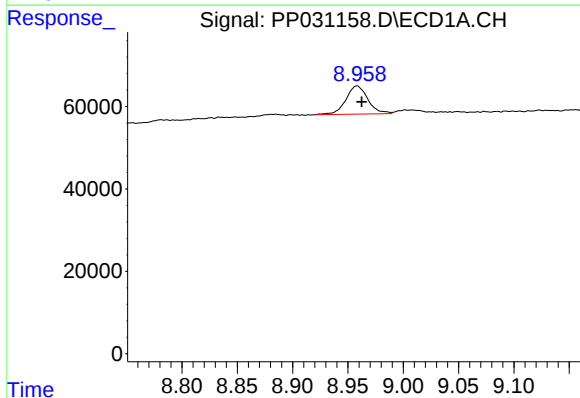
R.T.: 8.415 min  
Delta R.T.: -0.003 min  
Response: 46614  
Conc: 23.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



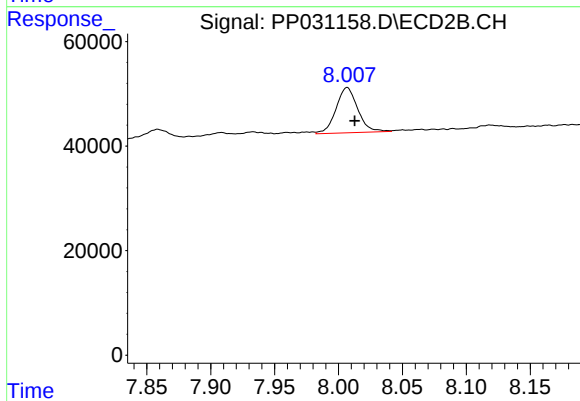
#36 AR-1262-1

R.T.: 7.497 min  
Delta R.T.: -0.006 min  
Response: 60605  
Conc: 26.09 ng/ml



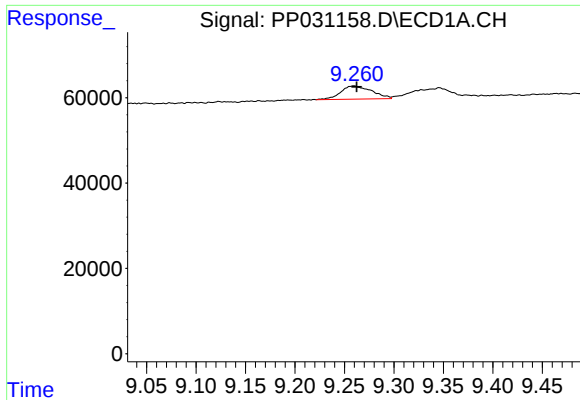
#37 AR-1262-2

R.T.: 8.958 min  
Delta R.T.: -0.004 min  
Response: 94923  
Conc: 26.12 ng/ml



#37 AR-1262-2

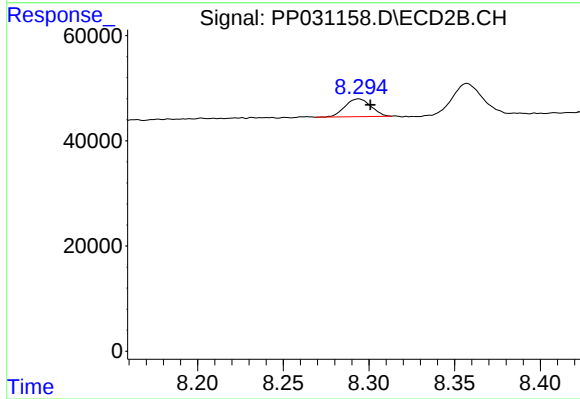
R.T.: 8.007 min  
Delta R.T.: -0.006 min  
Response: 102641  
Conc: 24.76 ng/ml



#38 AR-1262-3

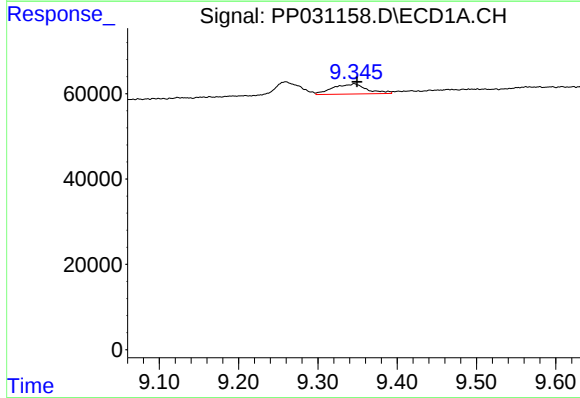
R.T.: 9.259 min  
Delta R.T.: -0.003 min  
Response: 67719  
Conc: 26.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



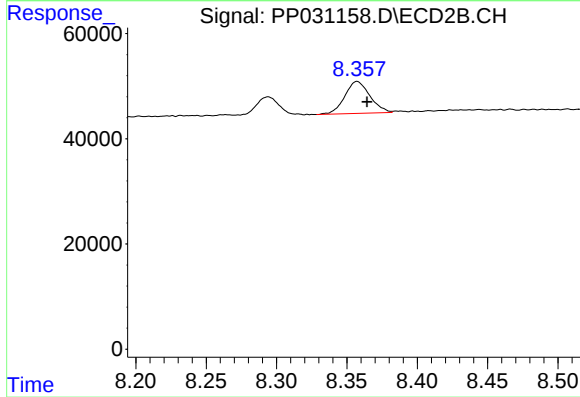
#38 AR-1262-3

R.T.: 8.294 min  
Delta R.T.: -0.007 min  
Response: 35400  
Conc: 20.88 ng/ml



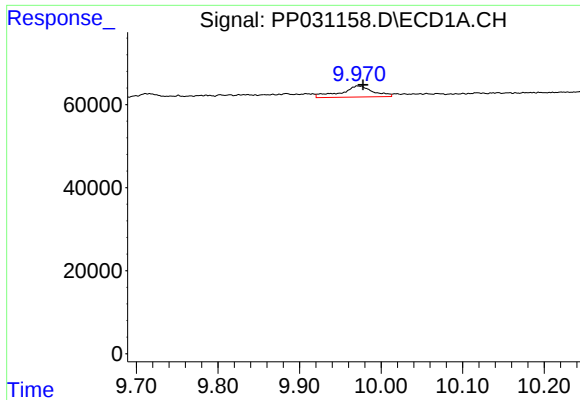
#39 AR-1262-4

R.T.: 9.346 min  
Delta R.T.: -0.004 min  
Response: 70643  
Conc: 34.31 ng/ml



#39 AR-1262-4

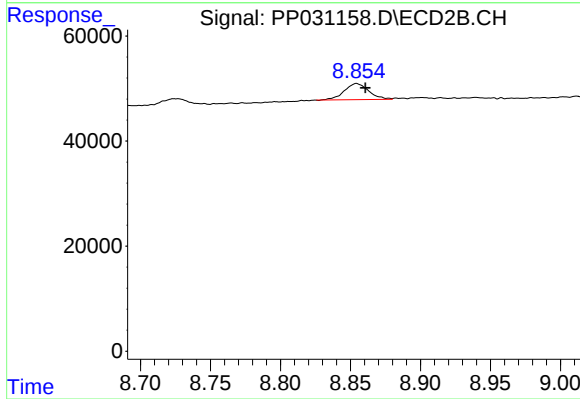
R.T.: 8.357 min  
Delta R.T.: -0.007 min  
Response: 75484  
Conc: 23.77 ng/ml



#40 AR-1262-5

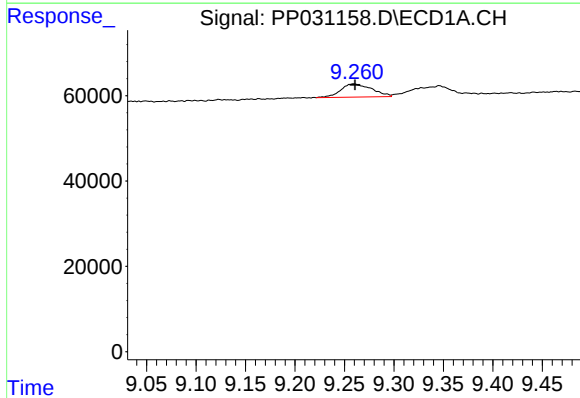
R.T.: 9.972 min  
Delta R.T.: -0.006 min  
Response: 73021  
Conc: 51.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



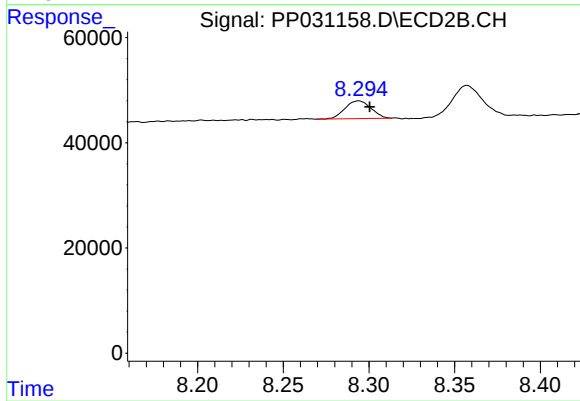
#40 AR-1262-5

R.T.: 8.854 min  
Delta R.T.: -0.006 min  
Response: 37258  
Conc: 23.18 ng/ml



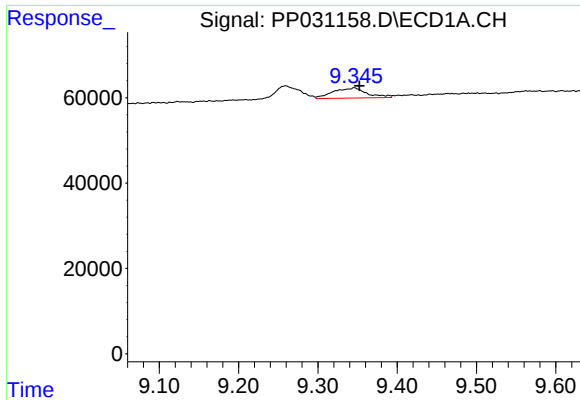
#41 AR-1268-1

R.T.: 9.259 min  
Delta R.T.: -0.001 min  
Response: 67719  
Conc: 15.50 ng/ml



#41 AR-1268-1

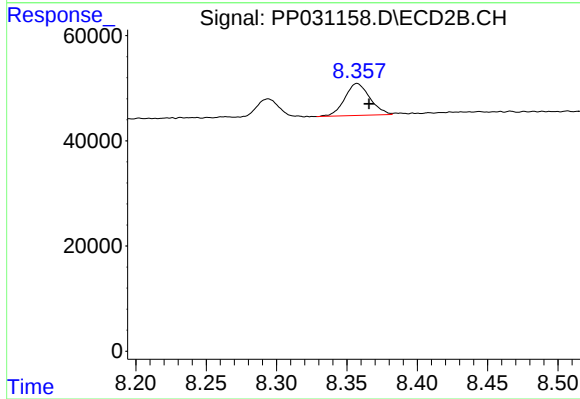
R.T.: 8.294 min  
Delta R.T.: -0.006 min  
Response: 35400  
Conc: 7.23 ng/ml



#42 AR-1268-2

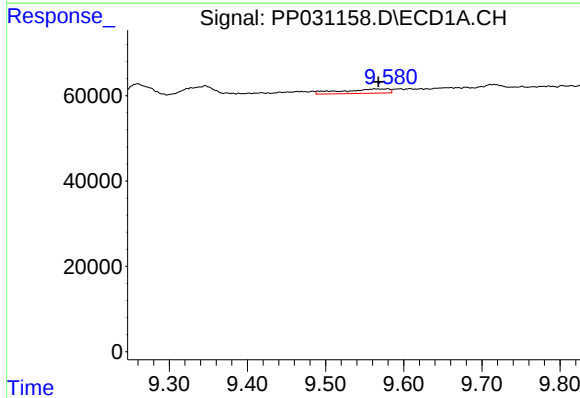
R.T.: 9.346 min  
Delta R.T.: -0.006 min  
Response: 70643  
Conc: 16.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



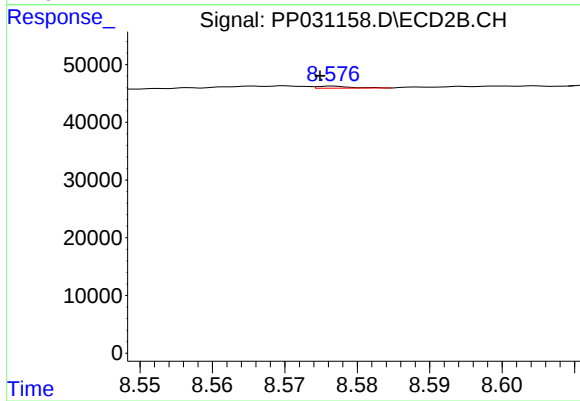
#42 AR-1268-2

R.T.: 8.357 min  
Delta R.T.: -0.008 min  
Response: 75484  
Conc: 15.87 ng/ml



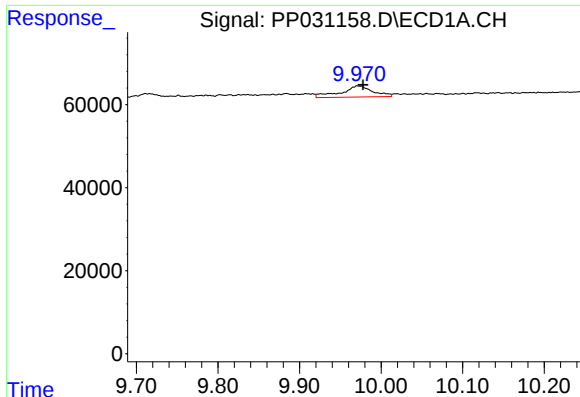
#43 AR-1268-3

R.T.: 9.580 min  
Delta R.T.: 0.012 min  
Response: 43010  
Conc: 11.89 ng/ml



#43 AR-1268-3

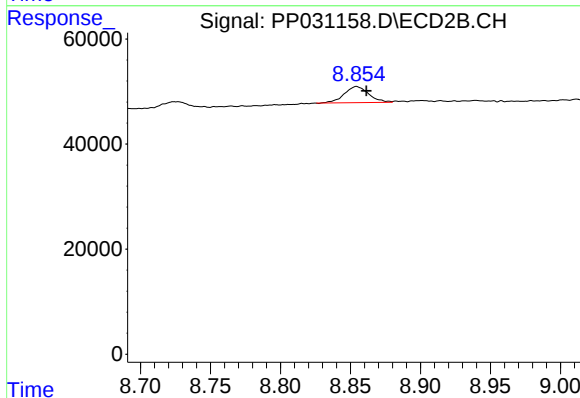
R.T.: 8.577 min  
Delta R.T.: 0.002 min  
Response: 1159  
Conc: 0.29 ng/ml



#44 AR-1268-4

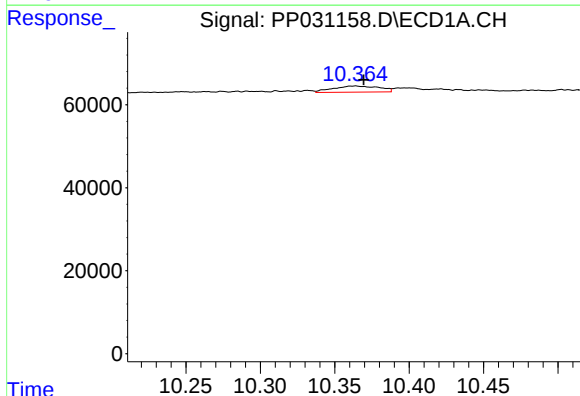
R.T.: 9.972 min  
Delta R.T.: -0.006 min  
Response: 73021  
Conc: 46.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
MDL-SOIL-03-QT4-2020



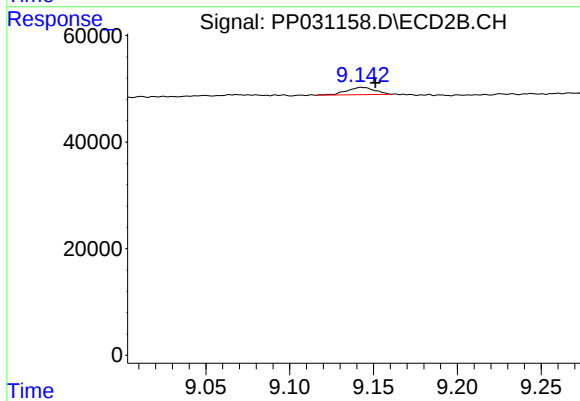
#44 AR-1268-4

R.T.: 8.854 min  
Delta R.T.: -0.007 min  
Response: 37258  
Conc: 21.99 ng/ml



#45 AR-1268-5

R.T.: 10.364 min  
Delta R.T.: -0.005 min  
Response: 32438  
Conc: 2.71 ng/ml



#45 AR-1268-5

R.T.: 9.143 min  
Delta R.T.: -0.008 min  
Response: 15781  
Conc: 1.18 ng/ml