

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0101519\  
 Data File : P0062011.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 15 Oct 2019 15:01  
 Operator : HP/AJ  
 Sample : K5111-02  
 Misc : AR1254 LOQ 50 PPB  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 LOQ-SOIL-02-QT4-2019

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 15 15:24:34 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0101119.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 12 06:25:38 2019  
 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... | 4.323 | 3.482 | 912547 | 638512 | 14.755 | 14.890   |
| 2)                          | SA Decachlor... | 9.948 | 8.333 | 929245 | 476527 | 16.608 | 16.241   |
| Target Compounds            |                 |       |       |        |        |        |          |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.755 | 0      | 47916  | N.D.   | 38.765 # |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.755 | 0      | 47916  | N.D.   | 48.759 # |
| 7)                          | L1 AR-1016-5    | 0.000 | 4.960 | 0      | 30864  | N.D.   | 23.934 # |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.755 | 0      | 47916  | N.D.   | 52.422 # |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.755 | 0      | 47916  | N.D.   | 58.899 # |
| 15)                         | L3 AR-1232-5    | 5.753 | 4.960 | 65941  | 30864  | 66.625 | 34.947 # |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.755 | 0      | 47916  | N.D.   | 50.330 # |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.755 | 0      | 47916  | N.D.   | 50.756 # |
| 20)                         | L4 AR-1242-5    | 6.358 | 5.302 | 54755  | 106496 | 35.824 | 89.247 # |
| 22)                         | L5 AR-1248-2    | 5.753 | 4.755 | 65941  | 47916  | 32.935 | 37.821   |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.755 | 0      | 47916  | N.D.   | 36.096 # |
| 24)                         | L5 AR-1248-4    | 6.358 | 4.960 | 54755  | 30864  | 21.433 | 19.505   |
| 25)                         | L5 AR-1248-5    | 6.358 | 5.302 | 54755  | 106496 | 22.393 | 69.198 # |
| 26)                         | L6 AR-1254-1    | 6.331 | 5.302 | 119939 | 106496 | 44.995 | 43.543   |
| 27)                         | L6 AR-1254-2    | 6.548 | 5.447 | 195831 | 94888  | 47.898 | 44.803   |
| 28)                         | L6 AR-1254-3    | 6.913 | 5.839 | 180761 | 140003 | 43.202 | 42.970   |
| 29)                         | L6 AR-1254-4    | 7.198 | 6.063 | 134344 | 82860  | 44.583 | 42.901   |
| 30)                         | L6 AR-1254-5    | 7.615 | 6.472 | 118959 | 110133 | 37.959 | 41.698   |
| 31)                         | L7 AR-1260-1    | 7.074 | 5.966 | 67675  | 69938  | 23.770 | 32.916 # |
| 32)                         | L7 AR-1260-2    | 7.331 | 6.151 | 73942  | 56016  | 21.554 | 22.074   |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.298 | 0      | 54455  | N.D.   | 24.115 # |
| 34)                         | L7 AR-1260-4    | 7.904 | 0.000 | 49124  | 0      | 17.563 | N.D. #   |
| -----                       |                 |       |       |        |        |        |          |

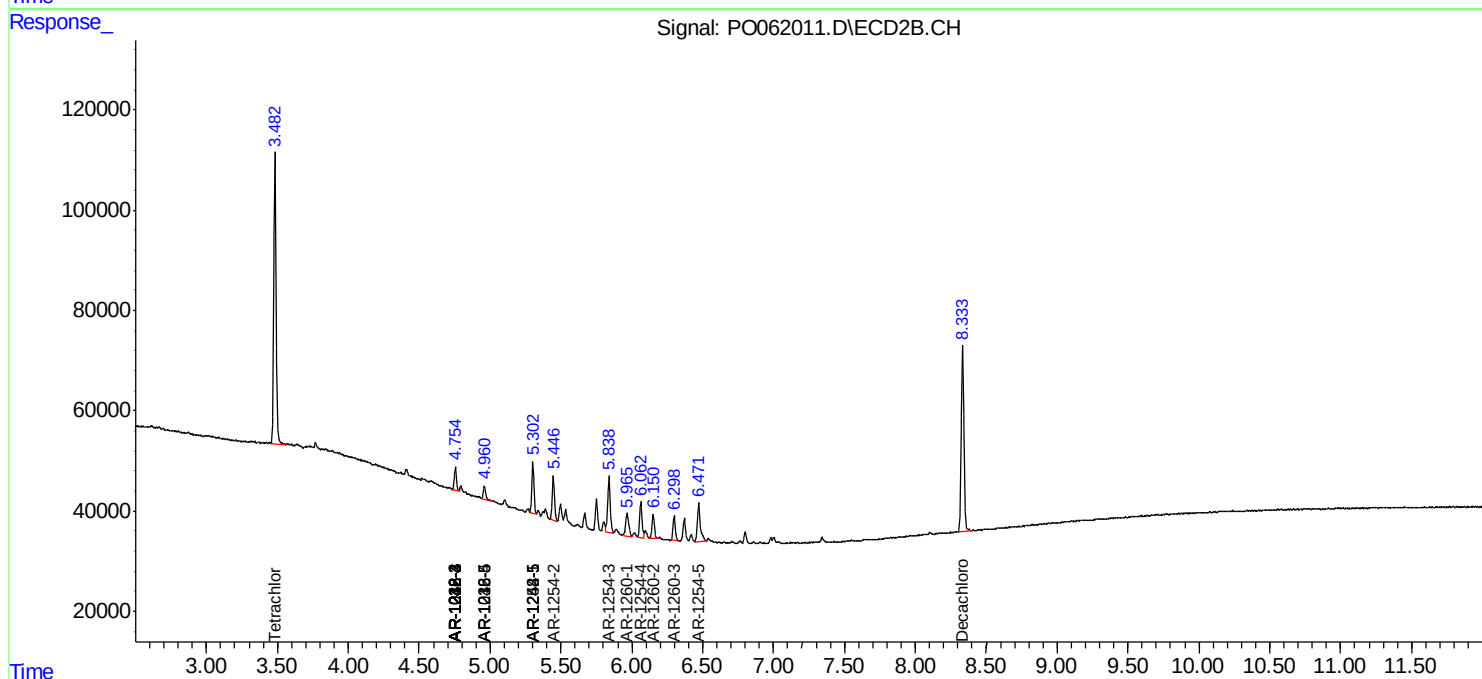
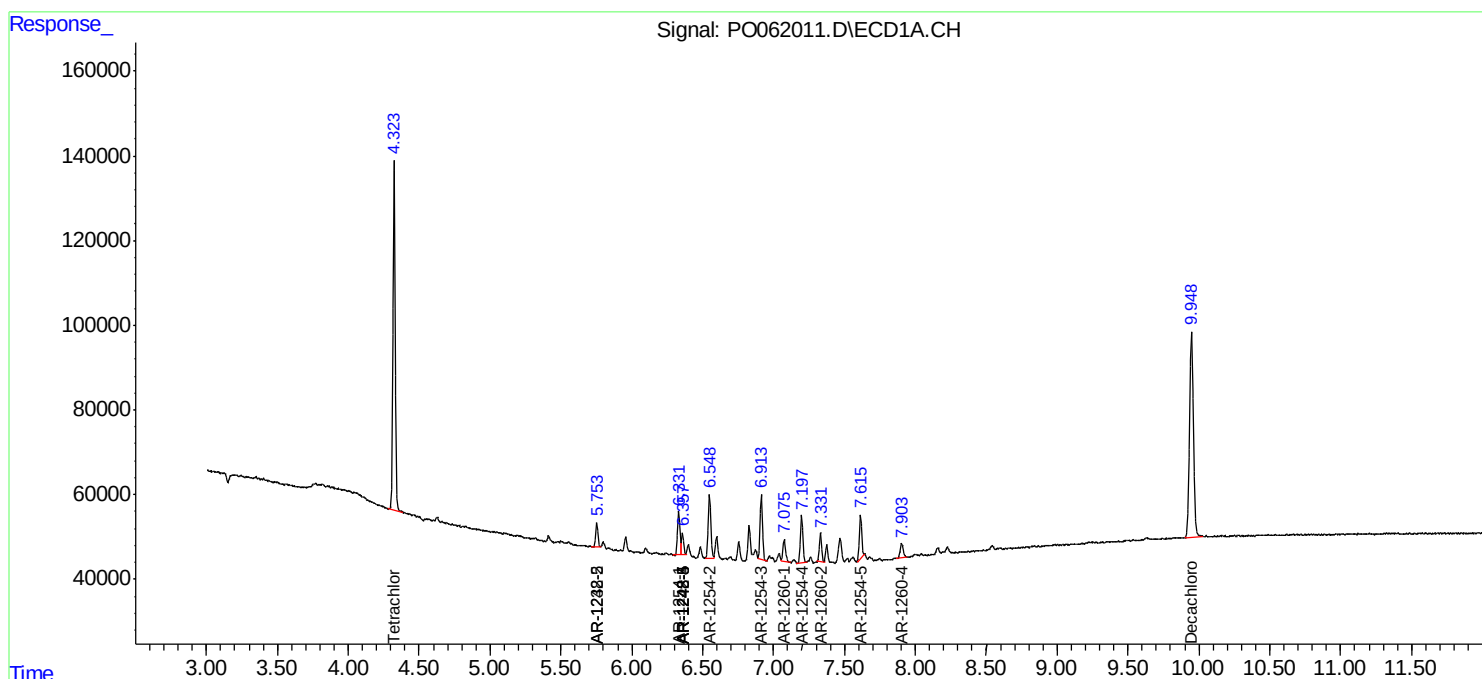
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

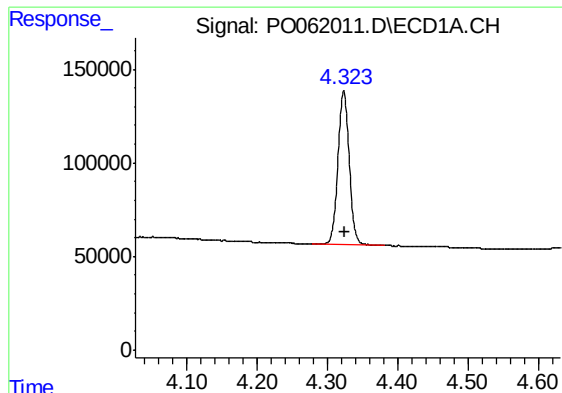
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101519\  
Data File : PO062011.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 15 Oct 2019 15:01  
Operator : HP/AJ  
Sample : K5111-02  
Misc : AR1254 LOQ 50 PPB  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 15 15:24:34 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101119.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 12 06:25:38 2019  
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

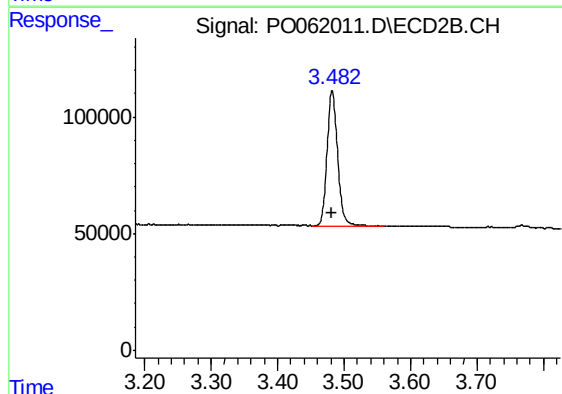




#1 Tetrachloro-m-xylene

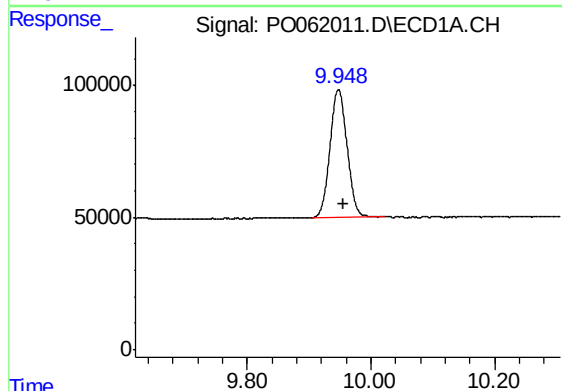
R.T.: 4.323 min  
Delta R.T.: -0.002 min  
Response: 912547  
Conc: 14.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



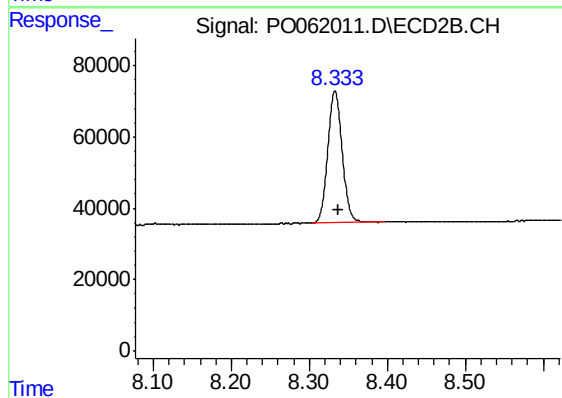
#1 Tetrachloro-m-xylene

R.T.: 3.482 min  
Delta R.T.: 0.000 min  
Response: 638512  
Conc: 14.89 ng/ml



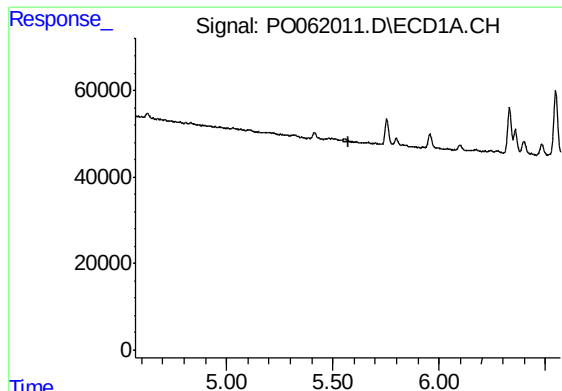
#2 Decachlorobiphenyl

R.T.: 9.948 min  
Delta R.T.: -0.009 min  
Response: 929245  
Conc: 16.61 ng/ml



#2 Decachlorobiphenyl

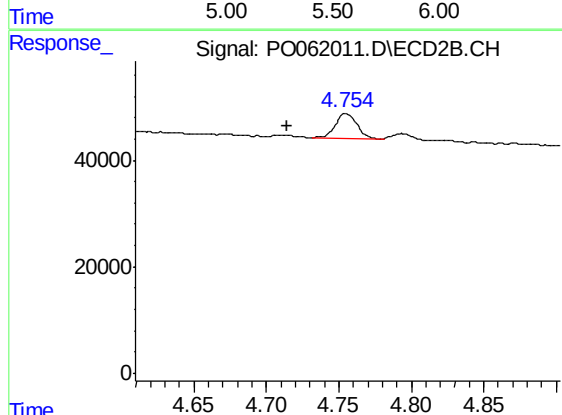
R.T.: 8.333 min  
Delta R.T.: -0.005 min  
Response: 476527  
Conc: 16.24 ng/ml



#5 AR-1016-3

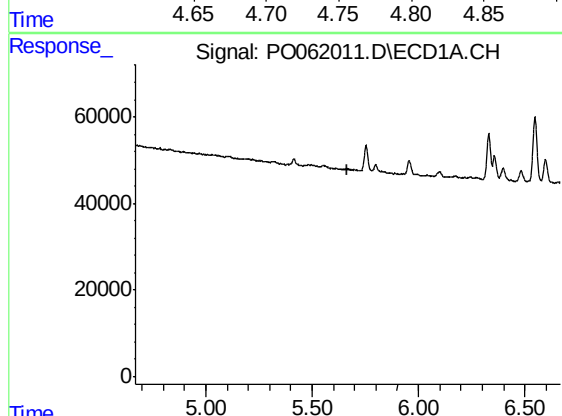
R.T.: 0.000 min  
Exp R.T. : 5.571 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



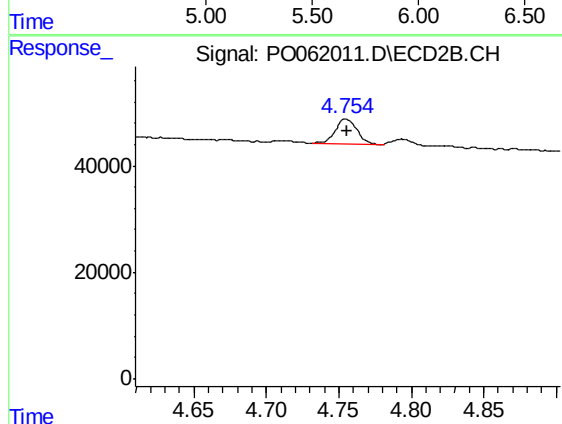
#5 AR-1016-3

R.T.: 4.755 min  
Delta R.T.: 0.041 min  
Response: 47916  
Conc: 38.76 ng/ml



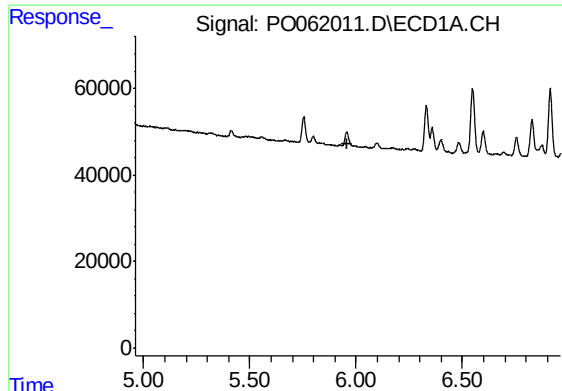
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.668 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

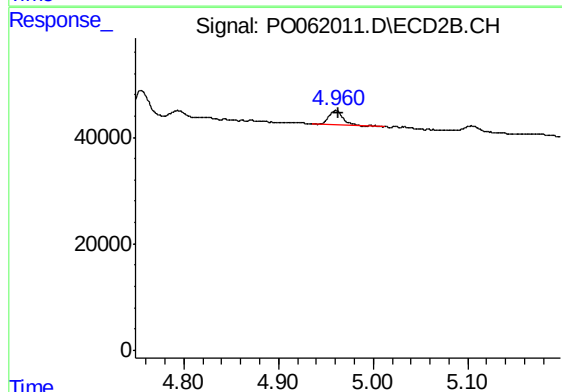
R.T.: 4.755 min  
Delta R.T.: -0.001 min  
Response: 47916  
Conc: 48.76 ng/ml



#7 AR-1016-5

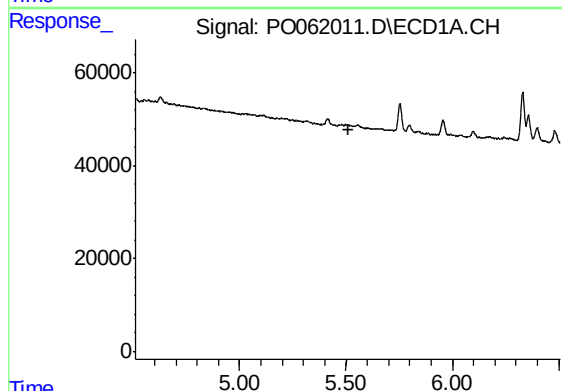
R.T.: 0.000 min  
Exp R.T.: 5.961 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



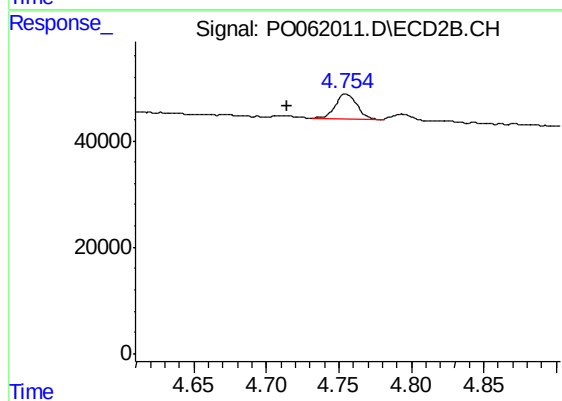
#7 AR-1016-5

R.T.: 4.960 min  
Delta R.T.: -0.002 min  
Response: 30864  
Conc: 23.93 ng/ml



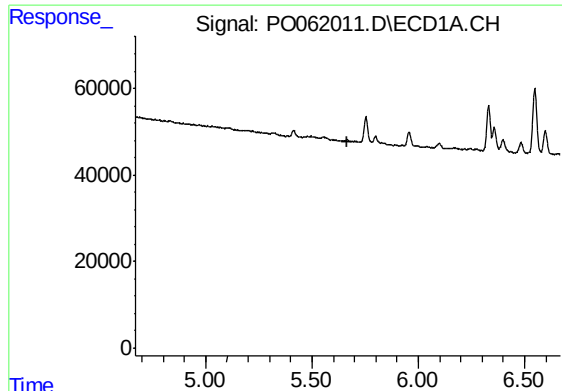
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.509 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

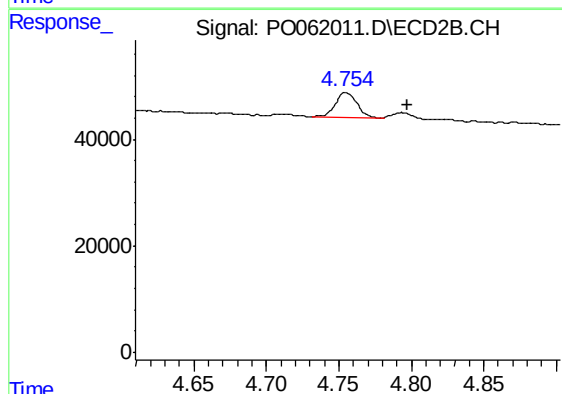
R.T.: 4.755 min  
Delta R.T.: 0.041 min  
Response: 47916  
Conc: 52.42 ng/ml



#14 AR-1232-4

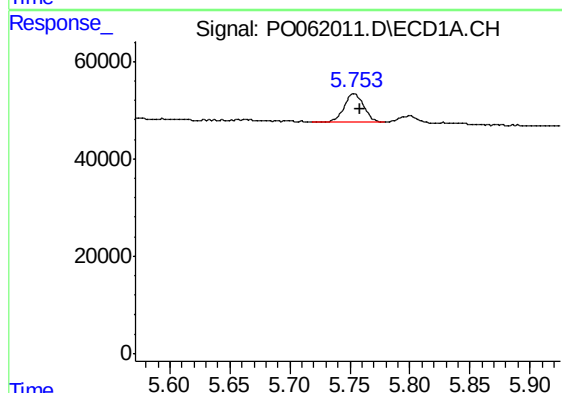
R.T.: 0.000 min  
Exp R.T.: 5.669 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



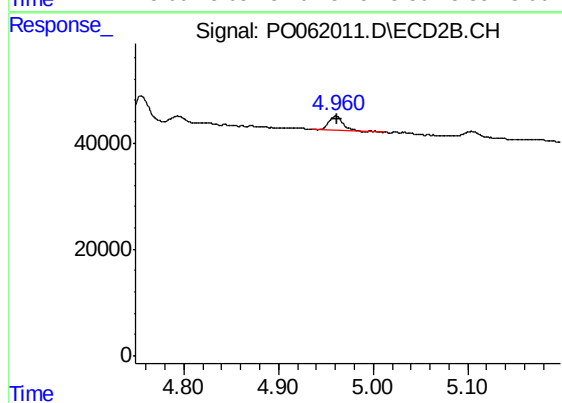
#14 AR-1232-4

R.T.: 4.755 min  
Delta R.T.: -0.042 min  
Response: 47916  
Conc: 58.90 ng/ml



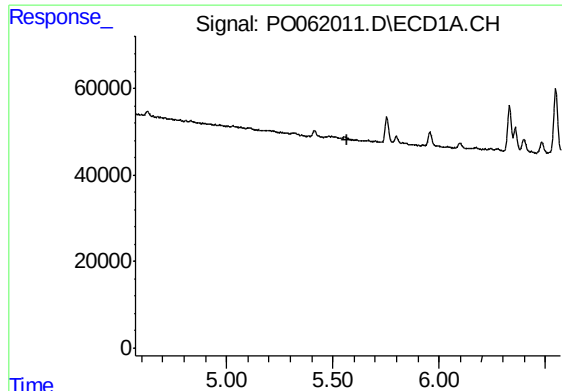
#15 AR-1232-5

R.T.: 5.753 min  
Delta R.T.: -0.005 min  
Response: 65941  
Conc: 66.63 ng/ml



#15 AR-1232-5

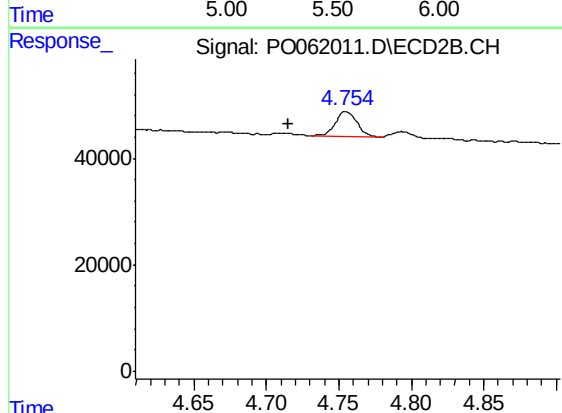
R.T.: 4.960 min  
Delta R.T.: -0.002 min  
Response: 30864  
Conc: 34.95 ng/ml



#18 AR-1242-3

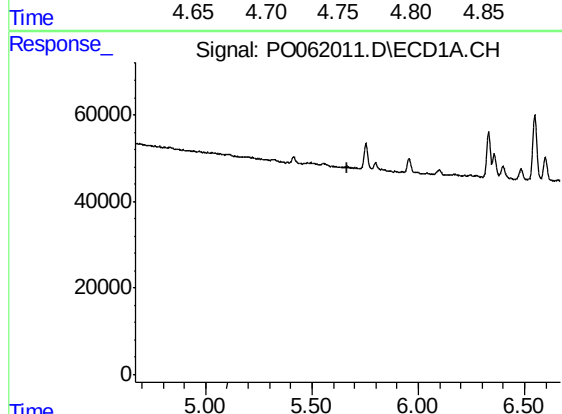
R.T.: 0.000 min  
Exp R.T. : 5.571 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



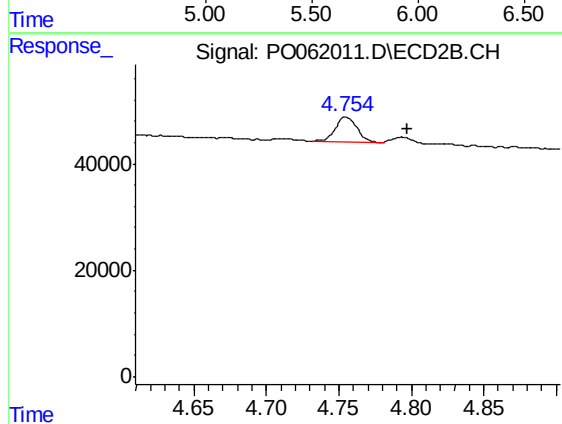
#18 AR-1242-3

R.T.: 4.755 min  
Delta R.T.: 0.040 min  
Response: 47916  
Conc: 50.33 ng/ml



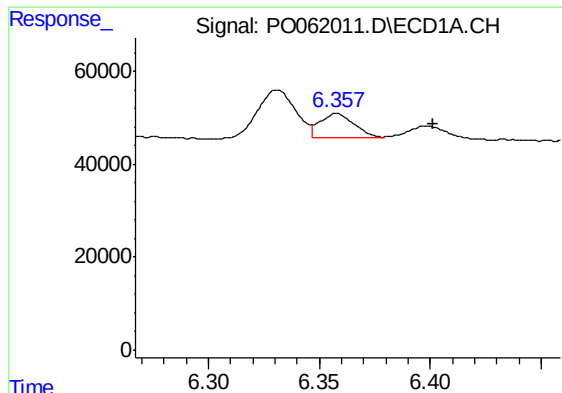
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.669 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

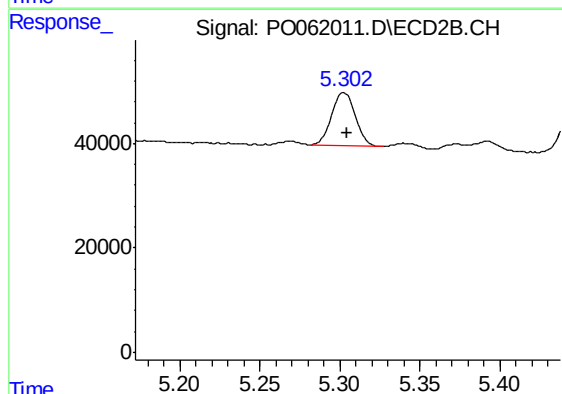
R.T.: 4.755 min  
Delta R.T.: -0.042 min  
Response: 47916  
Conc: 50.76 ng/ml



#20 AR-1242-5

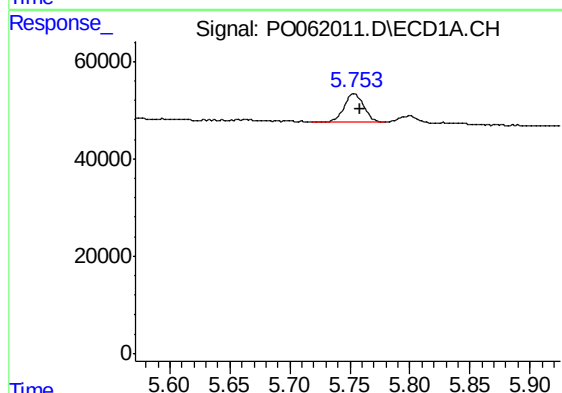
R.T.: 6.358 min  
Delta R.T.: -0.043 min  
Response: 54755  
Conc: 35.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



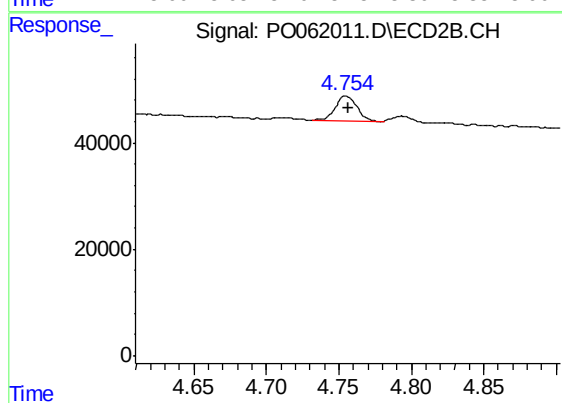
#20 AR-1242-5

R.T.: 5.302 min  
Delta R.T.: -0.002 min  
Response: 106496  
Conc: 89.25 ng/ml



#22 AR-1248-2

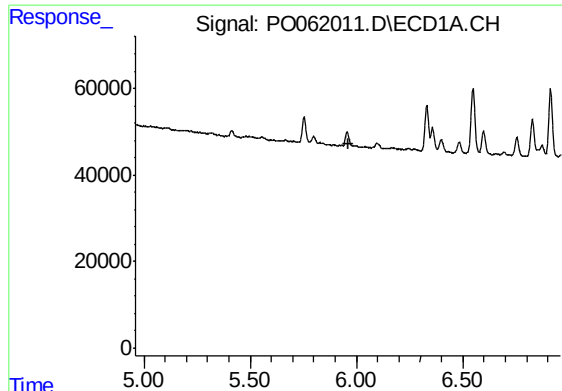
R.T.: 5.753 min  
Delta R.T.: -0.005 min  
Response: 65941  
Conc: 32.93 ng/ml



#22 AR-1248-2

R.T.: 4.755 min  
Delta R.T.: -0.002 min  
Response: 47916  
Conc: 37.82 ng/ml

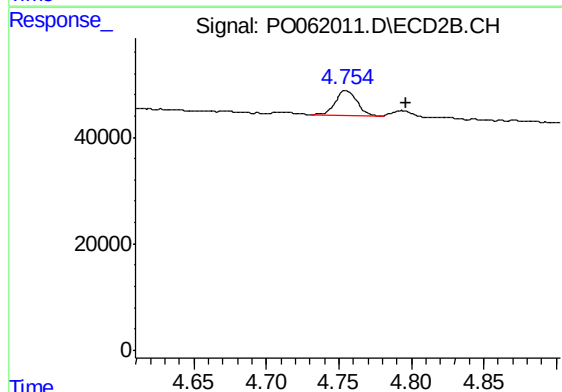




#23 AR-1248-3

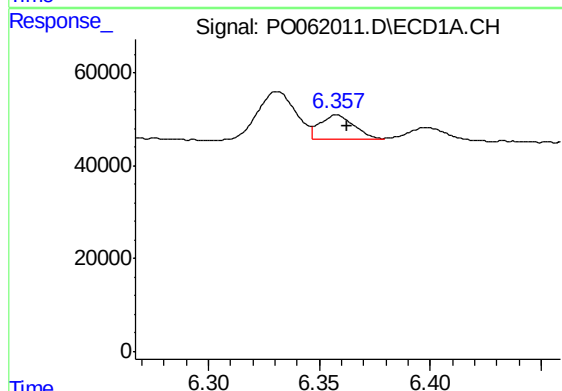
R.T.: 0.000 min  
Exp R.T.: 5.960 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



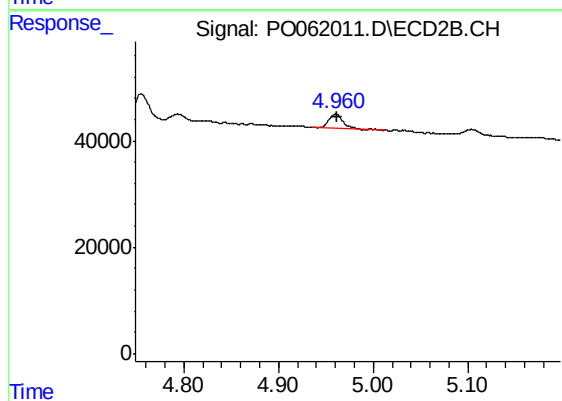
#23 AR-1248-3

R.T.: 4.755 min  
Delta R.T.: -0.041 min  
Response: 47916  
Conc: 36.10 ng/ml



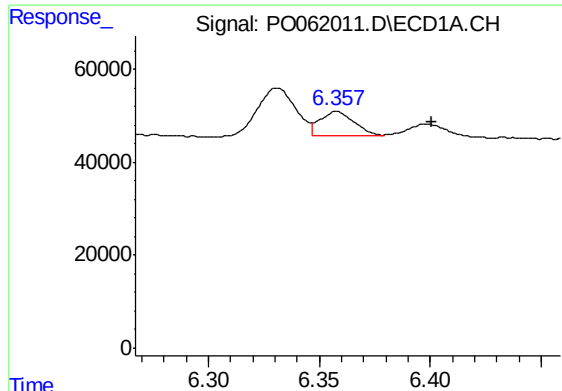
#24 AR-1248-4

R.T.: 6.358 min  
Delta R.T.: -0.005 min  
Response: 54755  
Conc: 21.43 ng/ml



#24 AR-1248-4

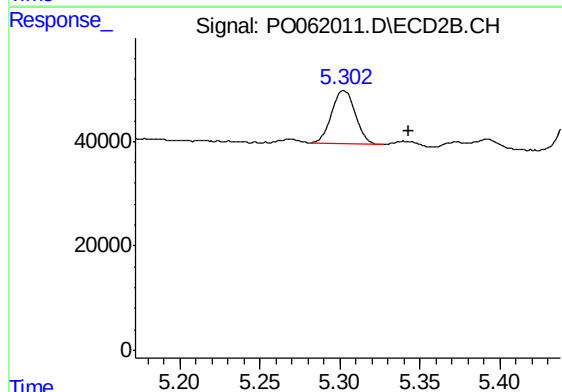
R.T.: 4.960 min  
Delta R.T.: -0.002 min  
Response: 30864  
Conc: 19.51 ng/ml



#25 AR-1248-5

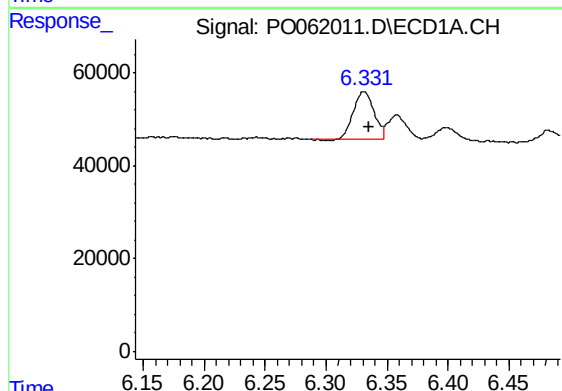
R.T.: 6.358 min  
Delta R.T.: -0.043 min  
Response: 54755  
Conc: 22.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



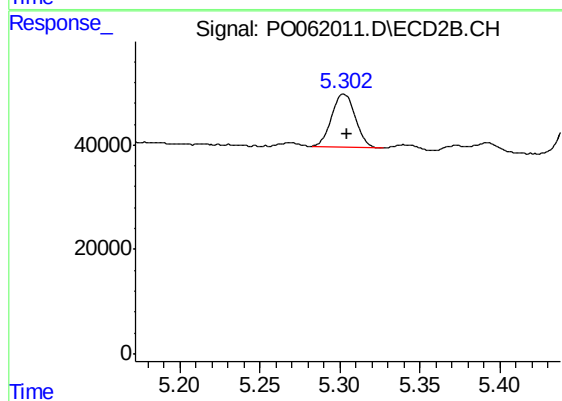
#25 AR-1248-5

R.T.: 5.302 min  
Delta R.T.: -0.041 min  
Response: 106496  
Conc: 69.20 ng/ml



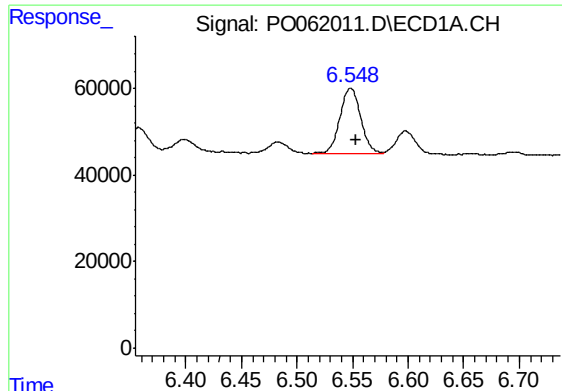
#26 AR-1254-1

R.T.: 6.331 min  
Delta R.T.: -0.004 min  
Response: 119939  
Conc: 44.99 ng/ml



#26 AR-1254-1

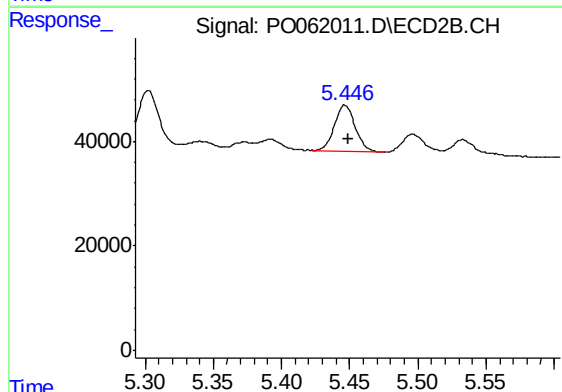
R.T.: 5.302 min  
Delta R.T.: -0.002 min  
Response: 106496  
Conc: 43.54 ng/ml



#27 AR-1254-2

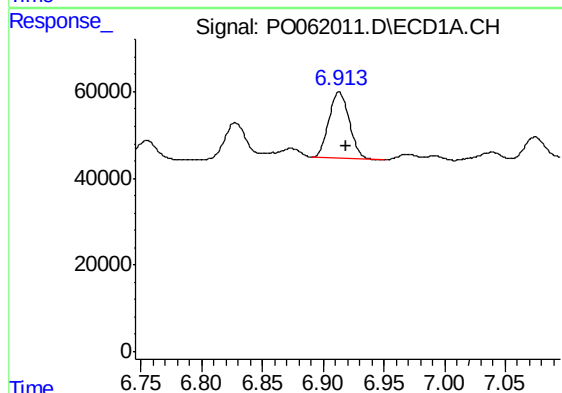
R.T.: 6.548 min  
Delta R.T.: -0.005 min  
Response: 195831  
Conc: 47.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



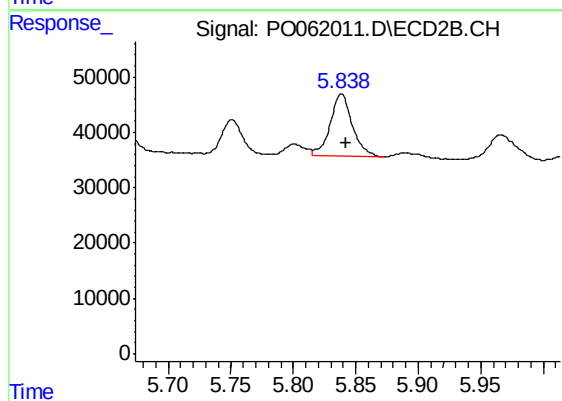
#27 AR-1254-2

R.T.: 5.447 min  
Delta R.T.: -0.002 min  
Response: 94888  
Conc: 44.80 ng/ml



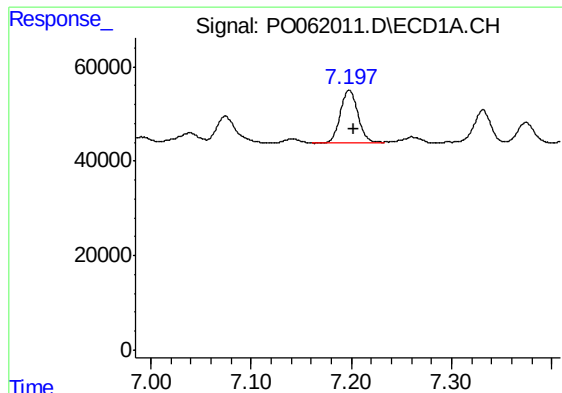
#28 AR-1254-3

R.T.: 6.913 min  
Delta R.T.: -0.005 min  
Response: 180761  
Conc: 43.20 ng/ml



#28 AR-1254-3

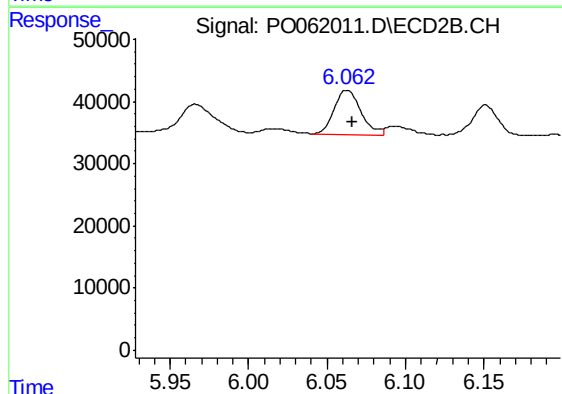
R.T.: 5.839 min  
Delta R.T.: -0.003 min  
Response: 140003  
Conc: 42.97 ng/ml



#29 AR-1254-4

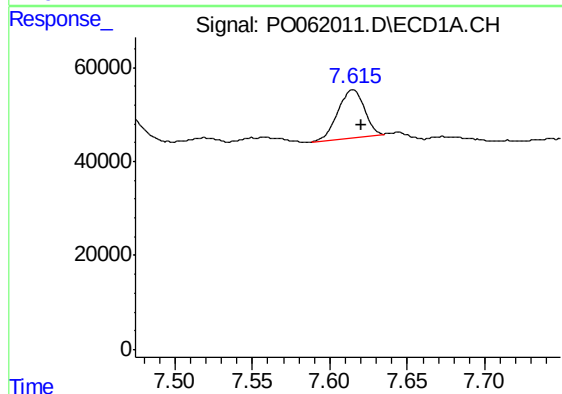
R.T.: 7.198 min  
Delta R.T.: -0.005 min  
Response: 134344  
Conc: 44.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



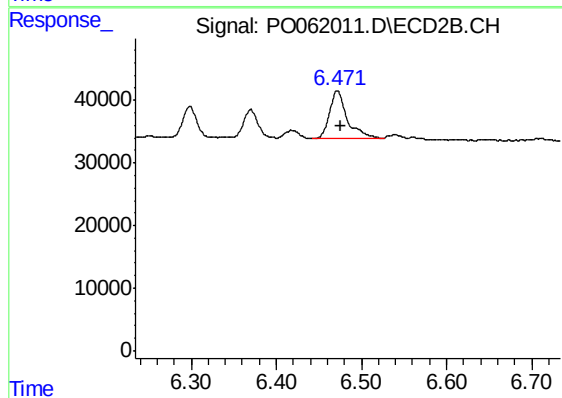
#29 AR-1254-4

R.T.: 6.063 min  
Delta R.T.: -0.003 min  
Response: 82860  
Conc: 42.90 ng/ml



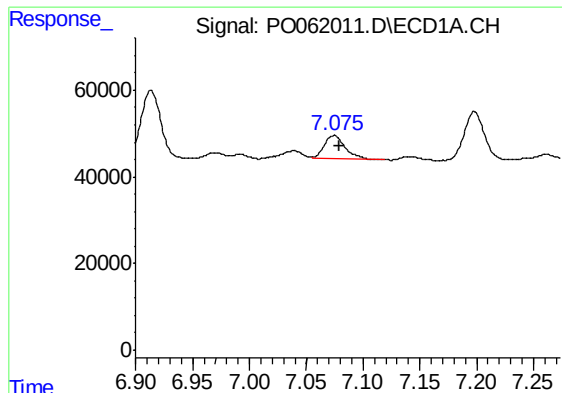
#30 AR-1254-5

R.T.: 7.615 min  
Delta R.T.: -0.005 min  
Response: 118959  
Conc: 37.96 ng/ml



#30 AR-1254-5

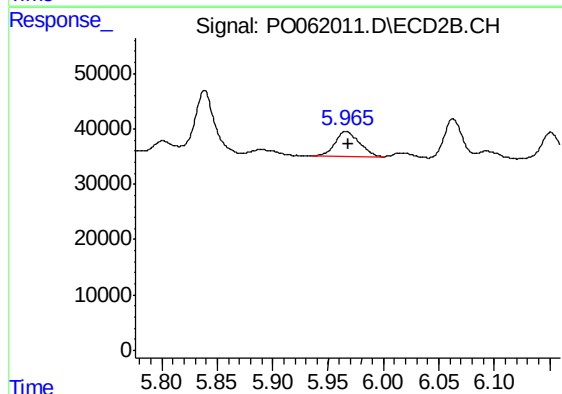
R.T.: 6.472 min  
Delta R.T.: -0.004 min  
Response: 110133  
Conc: 41.70 ng/ml



#31 AR-1260-1

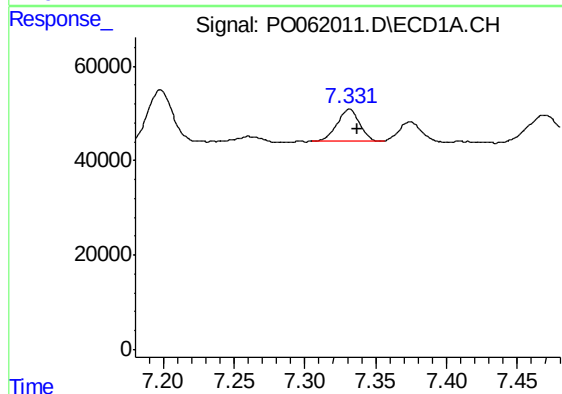
R.T.: 7.074 min  
Delta R.T.: -0.005 min  
Response: 67675  
Conc: 23.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



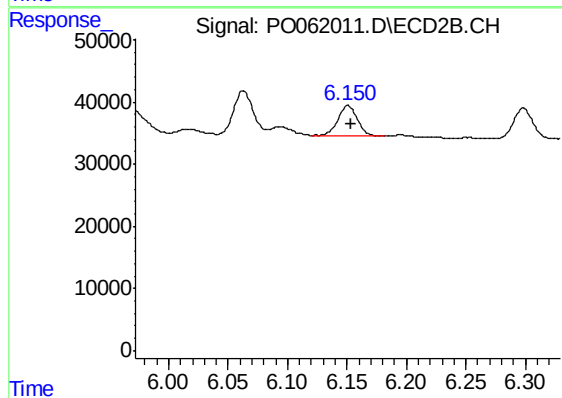
#31 AR-1260-1

R.T.: 5.966 min  
Delta R.T.: -0.002 min  
Response: 69938  
Conc: 32.92 ng/ml



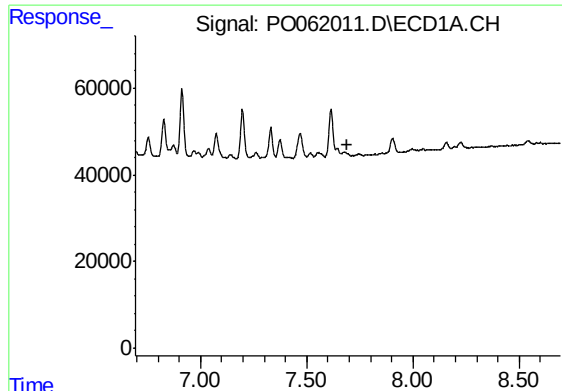
#32 AR-1260-2

R.T.: 7.331 min  
Delta R.T.: -0.005 min  
Response: 73942  
Conc: 21.55 ng/ml



#32 AR-1260-2

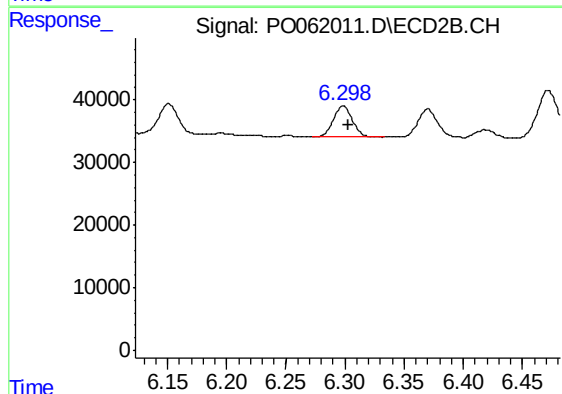
R.T.: 6.151 min  
Delta R.T.: -0.003 min  
Response: 56016  
Conc: 22.07 ng/ml



#33 AR-1260-3

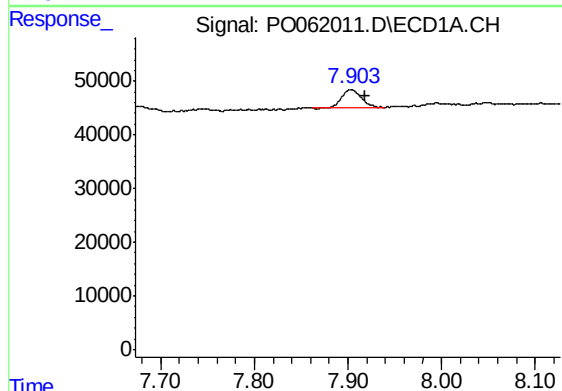
R.T.: 0.000 min  
Exp R.T. : 7.694 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-SOIL-02-QT4-2019



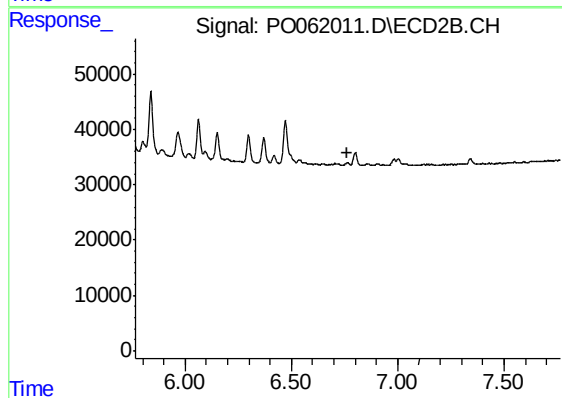
#33 AR-1260-3

R.T.: 6.298 min  
Delta R.T.: -0.005 min  
Response: 54455  
Conc: 24.12 ng/ml



#34 AR-1260-4

R.T.: 7.904 min  
Delta R.T.: -0.015 min  
Response: 49124  
Conc: 17.56 ng/ml



#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 6.766 min  
Response: 0  
Conc: N.D.