

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0101819\  
 Data File : P0062131.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 18 Oct 2019 10:35  
 Operator : HP/AJ  
 Sample : K5111-01  
 Misc : AR1248 LOD 40 PPB  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 02:43:50 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... | 4.324 | 3.483 | 985096 | 701919 | 15.928 | 16.369   |
| 2)                          | SA Decachlor... | 9.955 | 8.336 | 958019 | 511472 | 17.122 | 17.432   |
| Target Compounds            |                 |       |       |        |        |        |          |
| 3)                          | L1 AR-1016-1    | 5.486 | 4.528 | 53160  | 37278  | 22.461 | 23.833   |
| 4)                          | L1 AR-1016-2    | 5.508 | 4.545 | 62831  | 36947  | 18.446 | 15.885   |
| 5)                          | L1 AR-1016-3    | 5.508 | 4.757 | 62831  | 45990  | 30.362 | 37.207   |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.757 | 0      | 45990  | N.D.   | 46.800 # |
| 7)                          | L1 AR-1016-5    | 5.959 | 4.962 | 72546  | 65262  | 40.795 | 50.608   |
| 12)                         | L3 AR-1232-2    | 0.000 | 4.545 | 0      | 36947  | N.D.   | 21.401 # |
| 13)                         | L3 AR-1232-3    | 5.508 | 4.757 | 62831  | 45990  | 24.560 | 50.316 # |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.797 | 0      | 40371  | N.D.   | 49.625 # |
| 15)                         | L3 AR-1232-5    | 5.755 | 4.962 | 70152  | 65262  | 70.880 | 73.896   |
| 16)                         | L4 AR-1242-1    | 5.486 | 4.528 | 53160  | 37278  | 28.688 | 30.997   |
| 17)                         | L4 AR-1242-2    | 5.508 | 4.545 | 62831  | 36947  | 23.685 | 20.742   |
| 18)                         | L4 AR-1242-3    | 5.508 | 4.757 | 62831  | 45990  | 38.473 | 48.308 # |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.797 | 0      | 40371  | N.D.   | 42.764 # |
| 20)                         | L4 AR-1242-5    | 6.398 | 5.304 | 96487  | 85591  | 63.128 | 71.728   |
| 21)                         | L5 AR-1248-1    | 5.486 | 4.528 | 53160  | 37278  | 37.090 | 37.971   |
| 22)                         | L5 AR-1248-2    | 5.755 | 4.757 | 70152  | 45990  | 35.038 | 36.302   |
| 23)                         | L5 AR-1248-3    | 5.959 | 4.797 | 72546  | 40371  | 32.847 | 30.412   |
| 24)                         | L5 AR-1248-4    | 6.360 | 4.962 | 104670 | 65262  | 40.972 | 41.243   |
| 25)                         | L5 AR-1248-5    | 6.398 | 5.343 | 96487  | 53597  | 39.461 | 34.826   |
| 26)                         | L6 AR-1254-1    | 6.332 | 5.304 | 82822  | 85591  | 31.070 | 34.995   |
| 27)                         | L6 AR-1254-2    | 6.554 | 5.511 | 100392 | 33805  | 24.555 | 15.962 # |
| 28)                         | L6 AR-1254-3    | 6.915 | 5.840 | 50893  | 40320  | 12.164 | 12.375   |
| -----                       |                 |       |       |        |        |        |          |

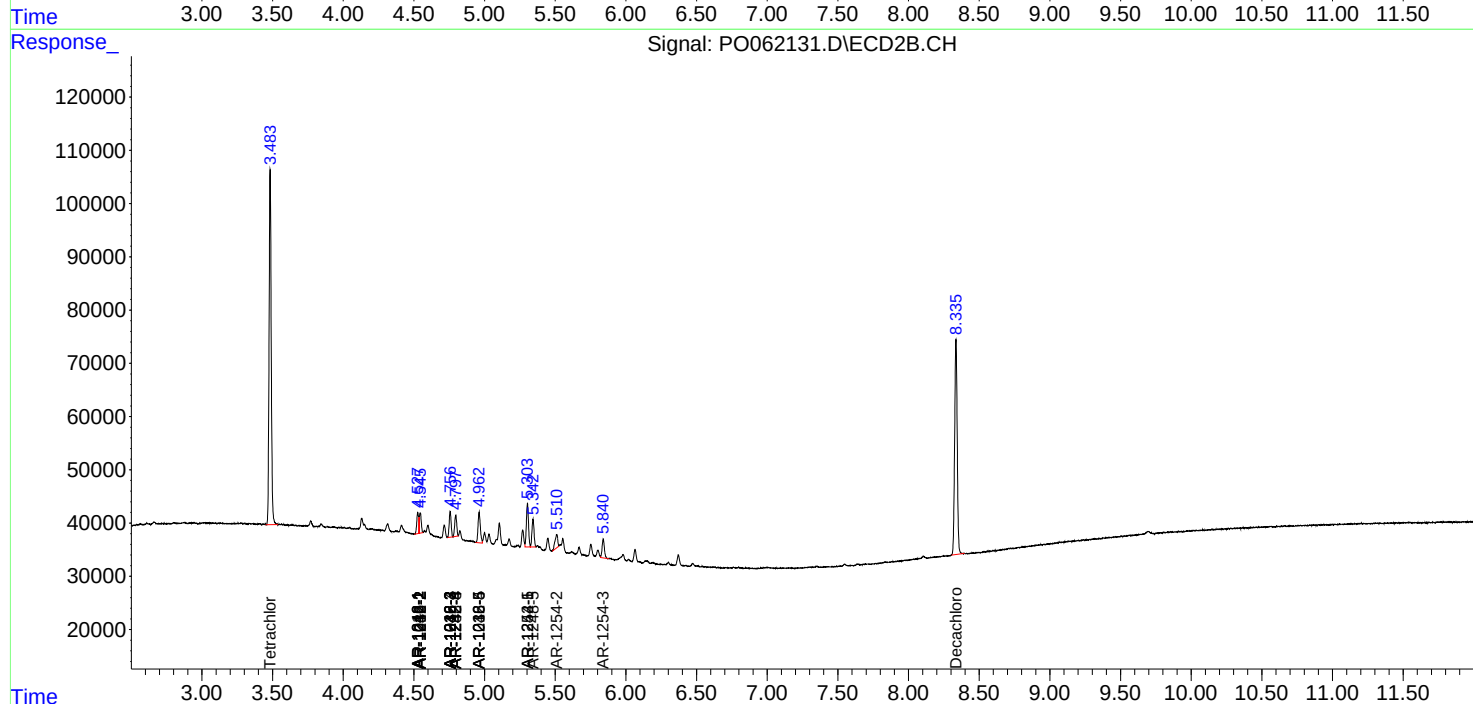
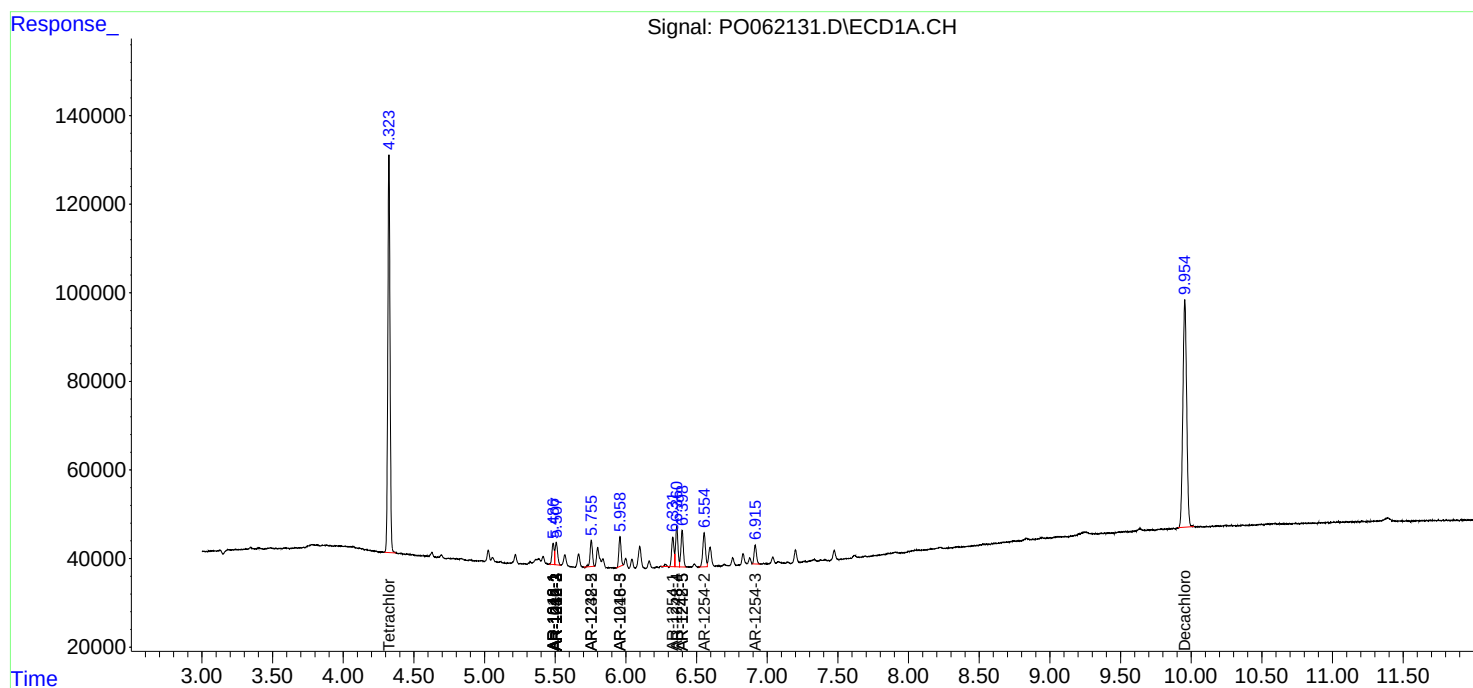
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

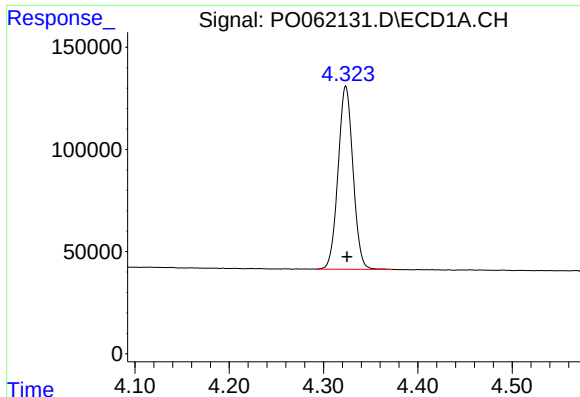
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101819\  
Data File : PO062131.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 18 Oct 2019 10:35  
Operator : HP/AJ  
Sample : K5111-01  
Misc : AR1248 LOD 40 PPB  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 19 02:43:50 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

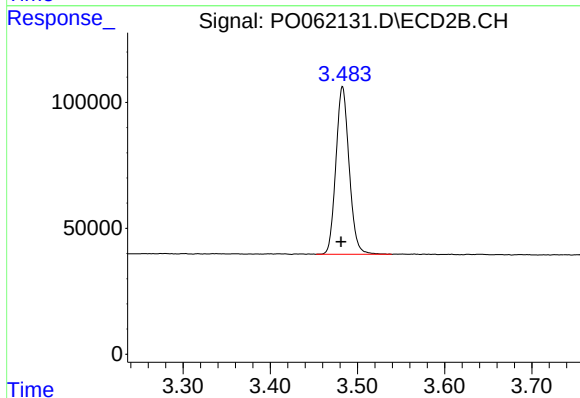




#1 Tetrachloro-m-xylene

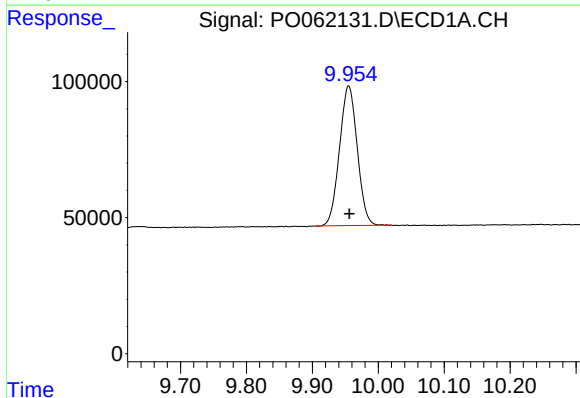
R.T.: 4.324 min  
Delta R.T.: -0.001 min  
Response: 985096  
Conc: 15.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019



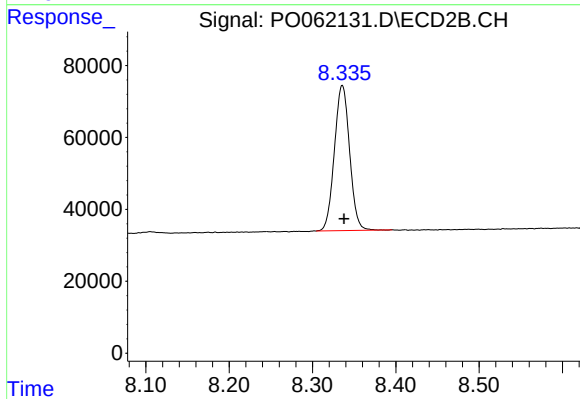
#1 Tetrachloro-m-xylene

R.T.: 3.483 min  
Delta R.T.: 0.002 min  
Response: 701919  
Conc: 16.37 ng/ml



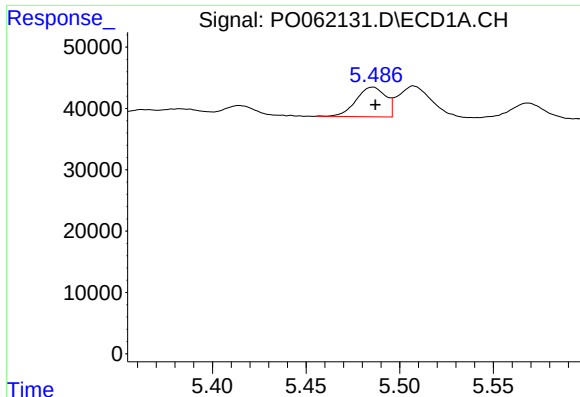
#2 Decachlorobiphenyl

R.T.: 9.955 min  
Delta R.T.: -0.001 min  
Response: 958019  
Conc: 17.12 ng/ml



#2 Decachlorobiphenyl

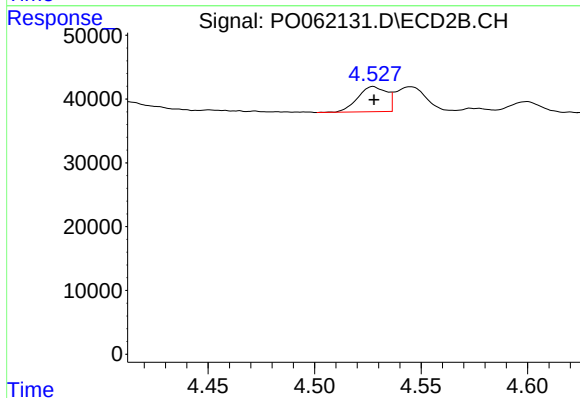
R.T.: 8.336 min  
Delta R.T.: -0.002 min  
Response: 511472  
Conc: 17.43 ng/ml



#3 AR-1016-1

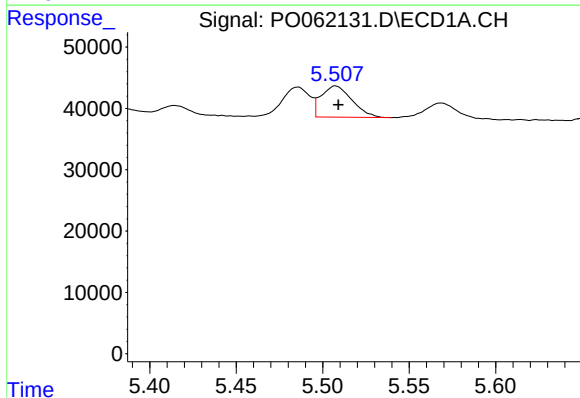
R.T.: 5.486 min  
Delta R.T.: -0.002 min  
Response: 53160  
Conc: 22.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019



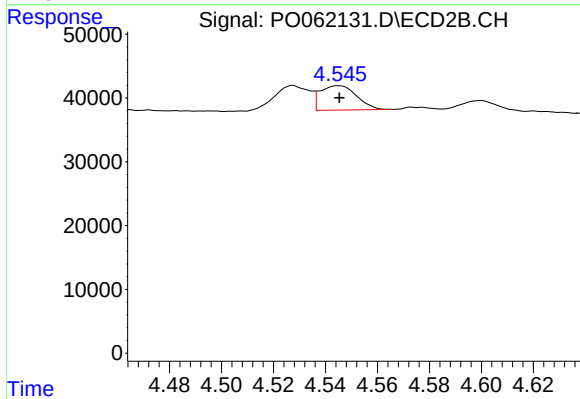
#3 AR-1016-1

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 37278  
Conc: 23.83 ng/ml



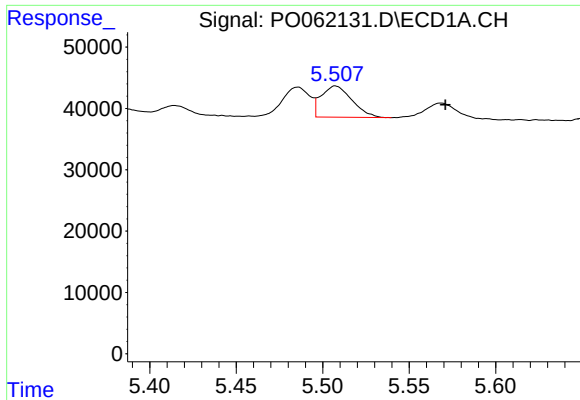
#4 AR-1016-2

R.T.: 5.508 min  
Delta R.T.: -0.002 min  
Response: 62831  
Conc: 18.45 ng/ml



#4 AR-1016-2

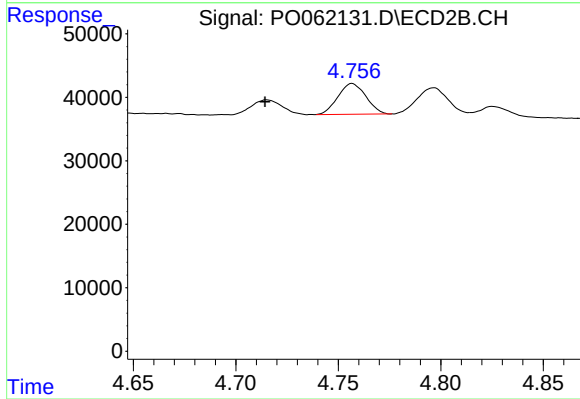
R.T.: 4.545 min  
Delta R.T.: 0.000 min  
Response: 36947  
Conc: 15.89 ng/ml



#5 AR-1016-3

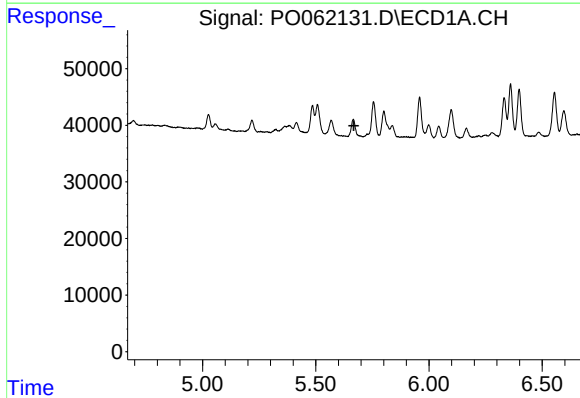
R.T.: 5.508 min  
Delta R.T.: -0.063 min  
Response: 62831  
Conc: 30.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019



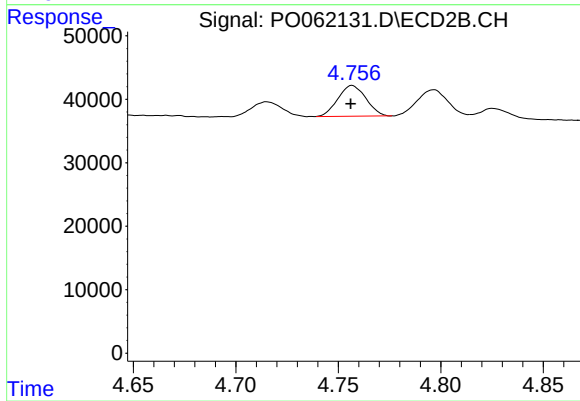
#5 AR-1016-3

R.T.: 4.757 min  
Delta R.T.: 0.043 min  
Response: 45990  
Conc: 37.21 ng/ml



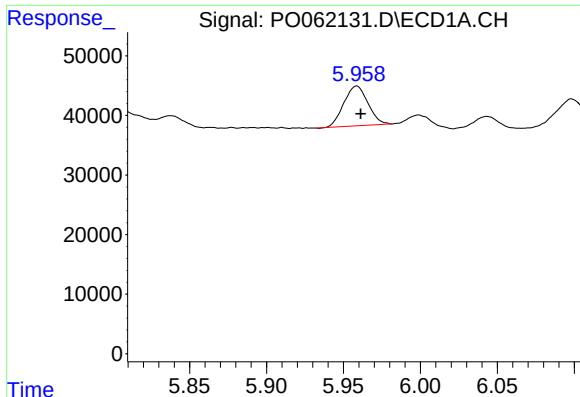
#6 AR-1016-4

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



#6 AR-1016-4

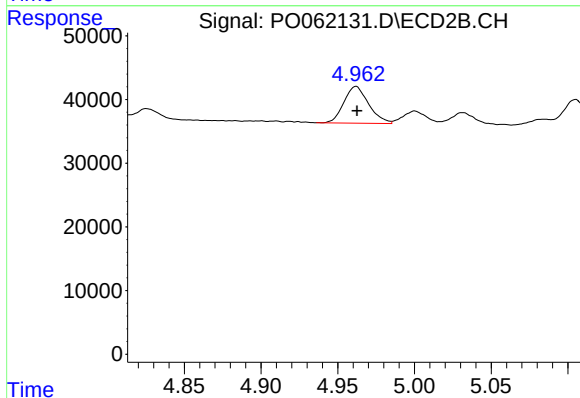
R.T.: 4.757 min  
Delta R.T.: 0.000 min  
Response: 45990  
Conc: 46.80 ng/ml



#7 AR-1016-5

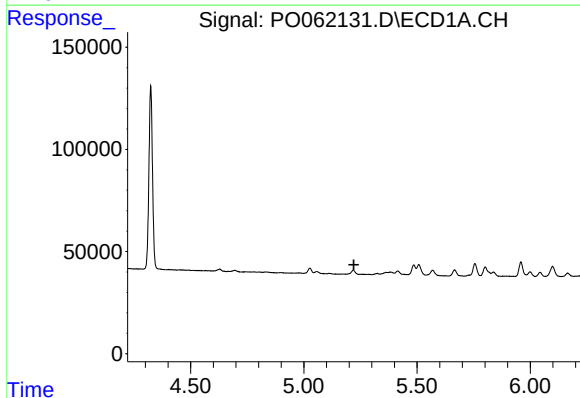
R.T.: 5.959 min  
Delta R.T.: -0.003 min  
Response: 72546  
Conc: 40.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019



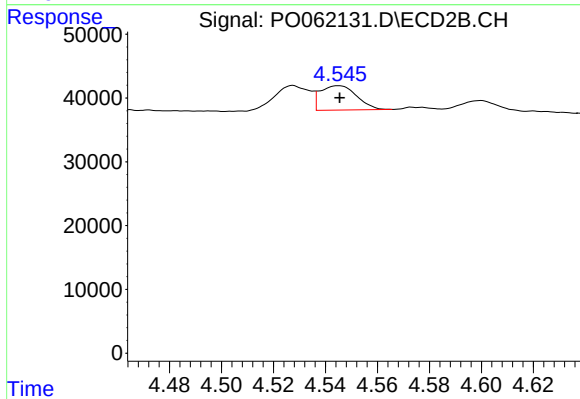
#7 AR-1016-5

R.T.: 4.962 min  
Delta R.T.: 0.000 min  
Response: 65262  
Conc: 50.61 ng/ml



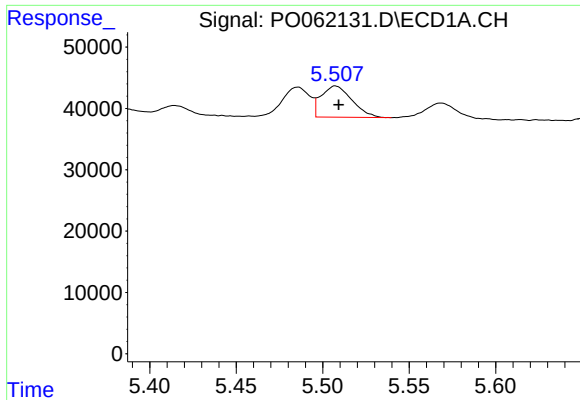
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.221 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

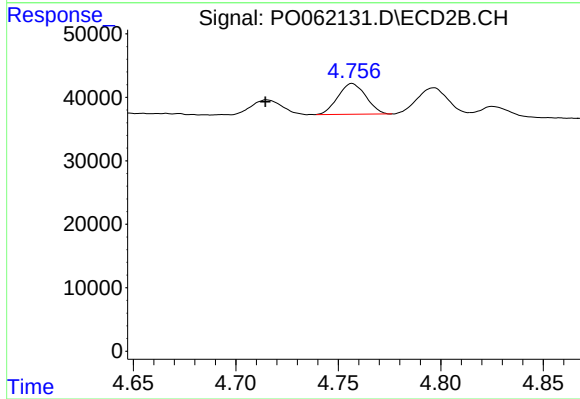
R.T.: 4.545 min  
Delta R.T.: 0.000 min  
Response: 36947  
Conc: 21.40 ng/ml



#13 AR-1232-3

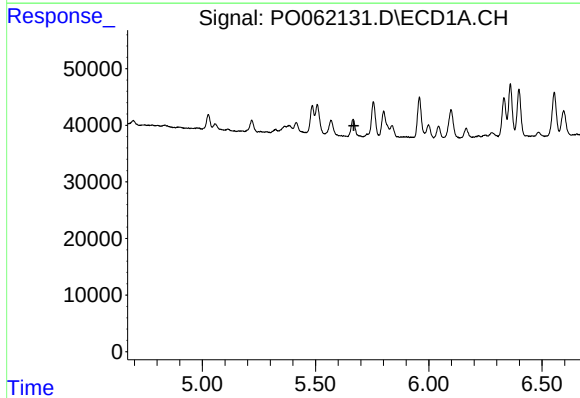
R.T.: 5.508 min  
Delta R.T.: -0.002 min  
Response: 62831  
Conc: 24.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019



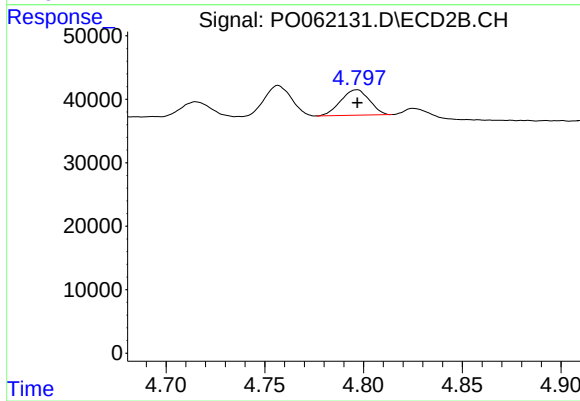
#13 AR-1232-3

R.T.: 4.757 min  
Delta R.T.: 0.042 min  
Response: 45990  
Conc: 50.32 ng/ml



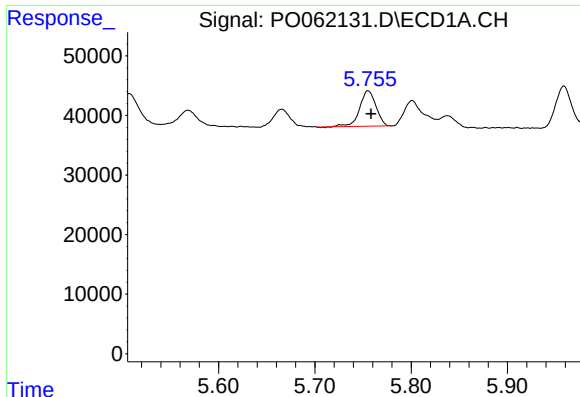
#14 AR-1232-4

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



#14 AR-1232-4

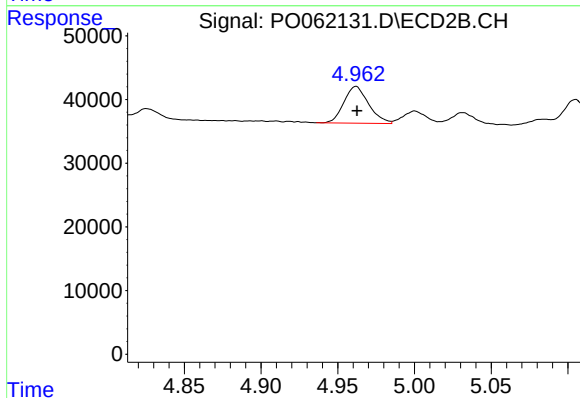
R.T.: 4.797 min  
Delta R.T.: 0.000 min  
Response: 40371  
Conc: 49.62 ng/ml



#15 AR-1232-5

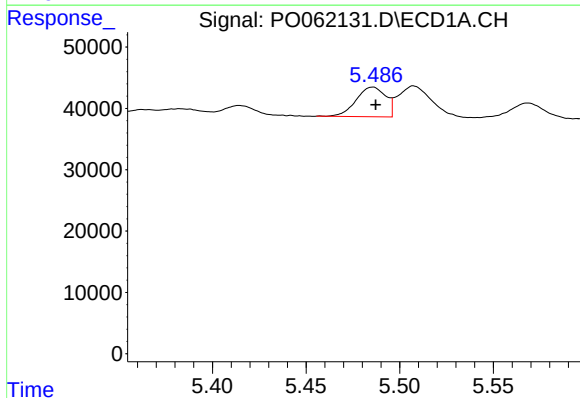
R.T.: 5.755 min  
Delta R.T.: -0.003 min  
Response: 70152  
Conc: 70.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019



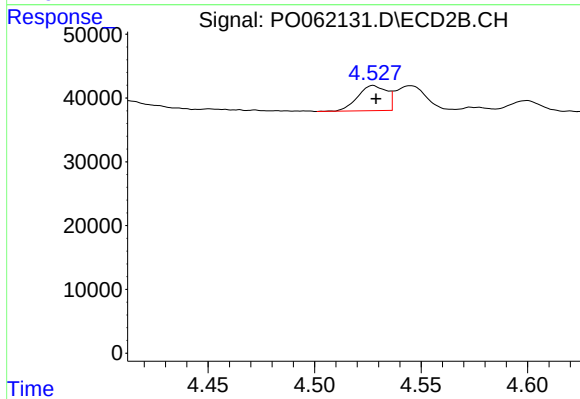
#15 AR-1232-5

R.T.: 4.962 min  
Delta R.T.: 0.000 min  
Response: 65262  
Conc: 73.90 ng/ml



#16 AR-1242-1

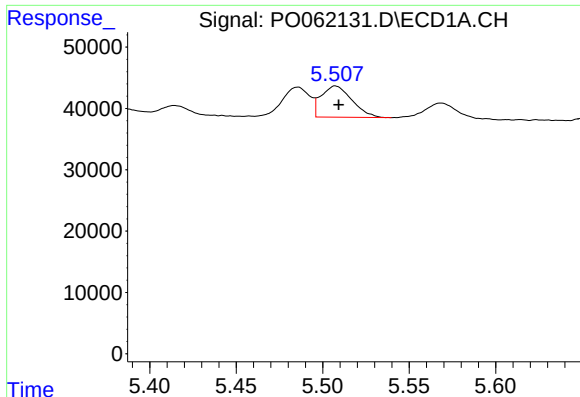
R.T.: 5.486 min  
Delta R.T.: -0.002 min  
Response: 53160  
Conc: 28.69 ng/ml



#16 AR-1242-1

R.T.: 4.528 min  
Delta R.T.: -0.001 min  
Response: 37278  
Conc: 31.00 ng/ml

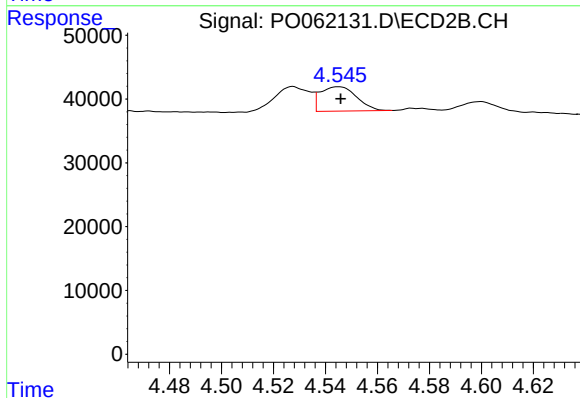




#17 AR-1242-2

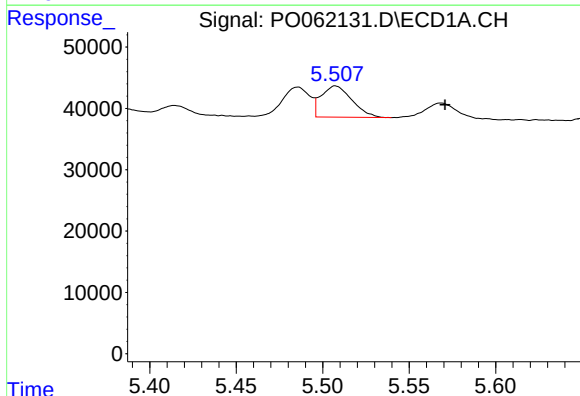
R.T.: 5.508 min  
Delta R.T.: -0.002 min  
Response: 62831  
Conc: 23.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019



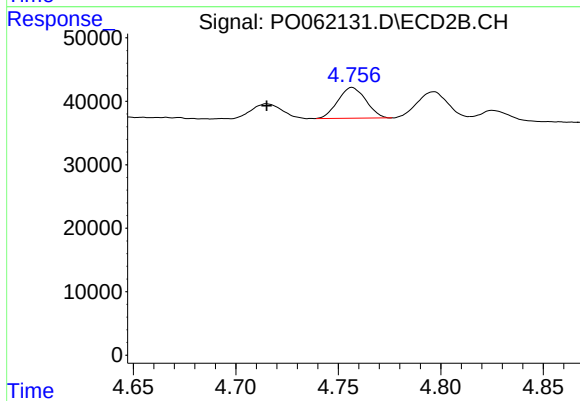
#17 AR-1242-2

R.T.: 4.545 min  
Delta R.T.: 0.000 min  
Response: 36947  
Conc: 20.74 ng/ml



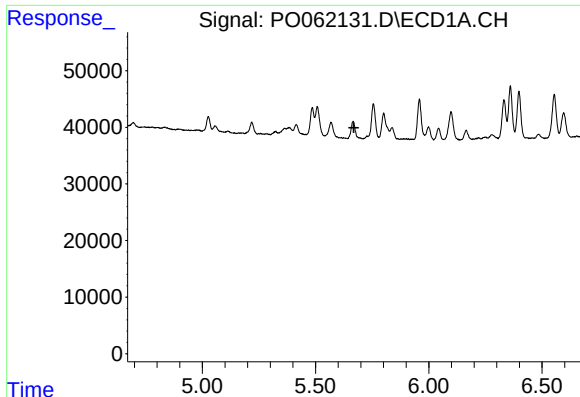
#18 AR-1242-3

R.T.: 5.508 min  
Delta R.T.: -0.063 min  
Response: 62831  
Conc: 38.47 ng/ml



#18 AR-1242-3

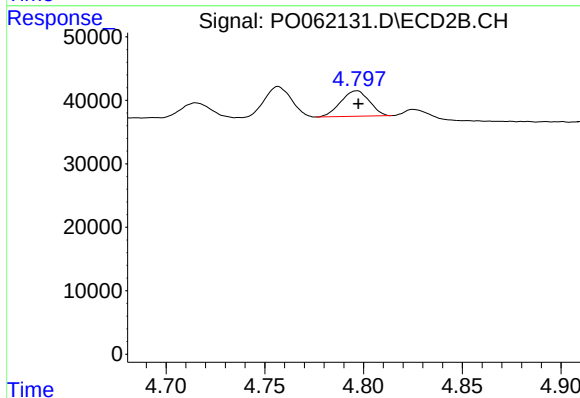
R.T.: 4.757 min  
Delta R.T.: 0.042 min  
Response: 45990  
Conc: 48.31 ng/ml



#19 AR-1242-4

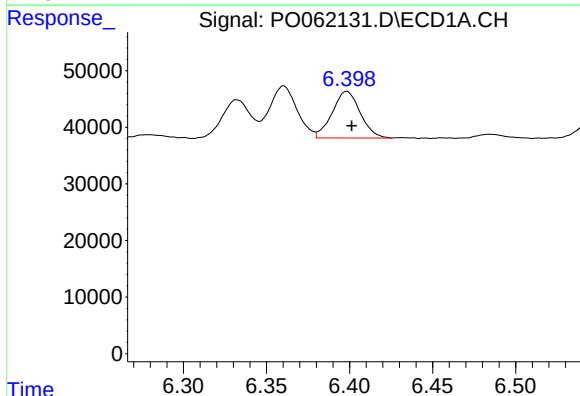
R.T.: 0.000 min  
Exp R.T.: 5.669 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019



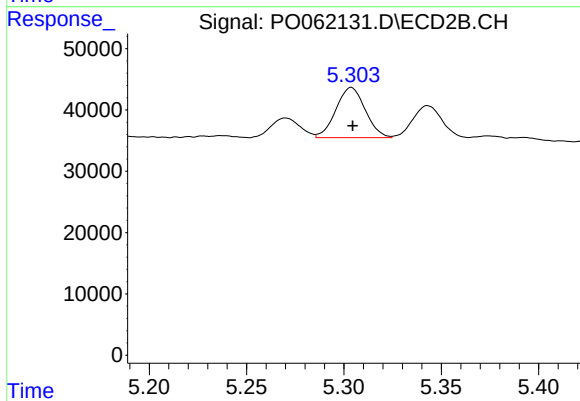
#19 AR-1242-4

R.T.: 4.797 min  
Delta R.T.: 0.000 min  
Response: 40371  
Conc: 42.76 ng/ml



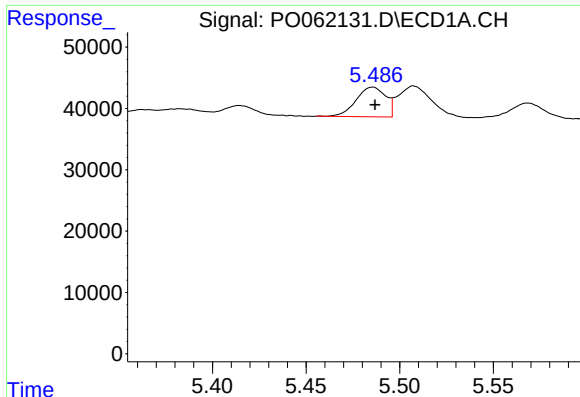
#20 AR-1242-5

R.T.: 6.398 min  
Delta R.T.: -0.003 min  
Response: 96487  
Conc: 63.13 ng/ml



#20 AR-1242-5

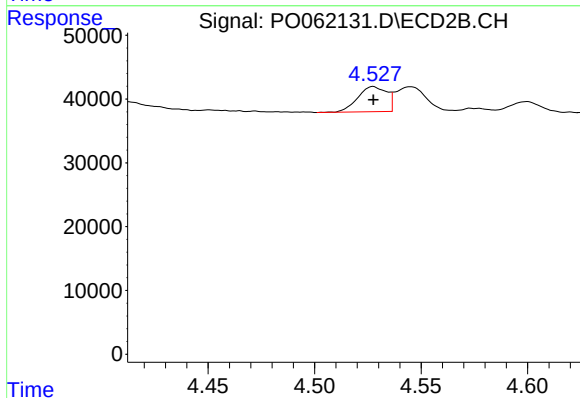
R.T.: 5.304 min  
Delta R.T.: 0.000 min  
Response: 85591  
Conc: 71.73 ng/ml



#21 AR-1248-1

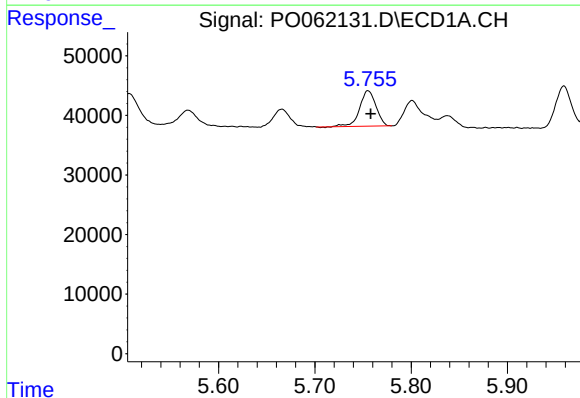
R.T.: 5.486 min  
Delta R.T.: -0.001 min  
Response: 53160  
Conc: 37.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019



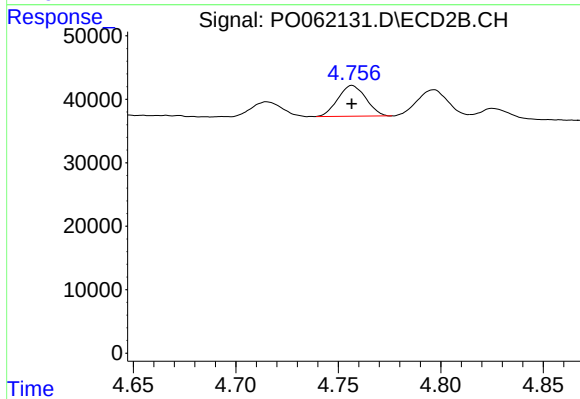
#21 AR-1248-1

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 37278  
Conc: 37.97 ng/ml



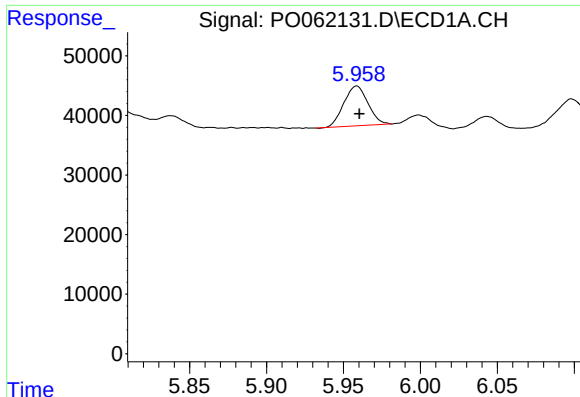
#22 AR-1248-2

R.T.: 5.755 min  
Delta R.T.: -0.003 min  
Response: 70152  
Conc: 35.04 ng/ml



#22 AR-1248-2

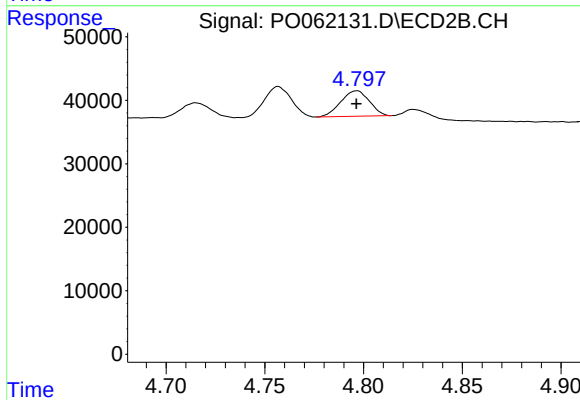
R.T.: 4.757 min  
Delta R.T.: 0.000 min  
Response: 45990  
Conc: 36.30 ng/ml



#23 AR-1248-3

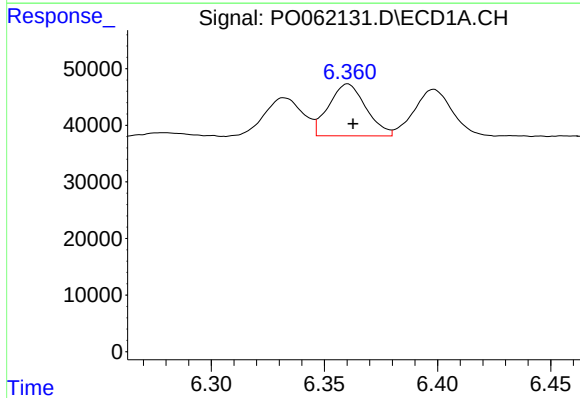
R.T.: 5.959 min  
Delta R.T.: -0.002 min  
Response: 72546  
Conc: 32.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019



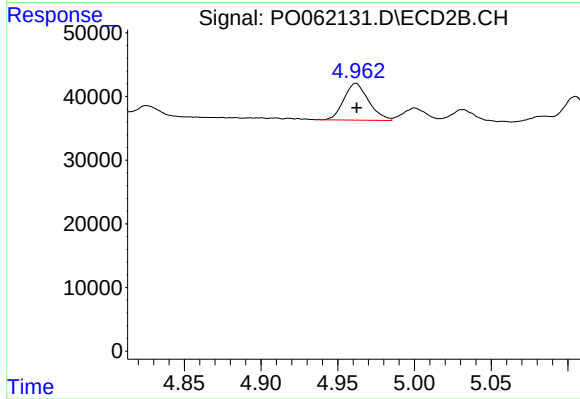
#23 AR-1248-3

R.T.: 4.797 min  
Delta R.T.: 0.000 min  
Response: 40371  
Conc: 30.41 ng/ml



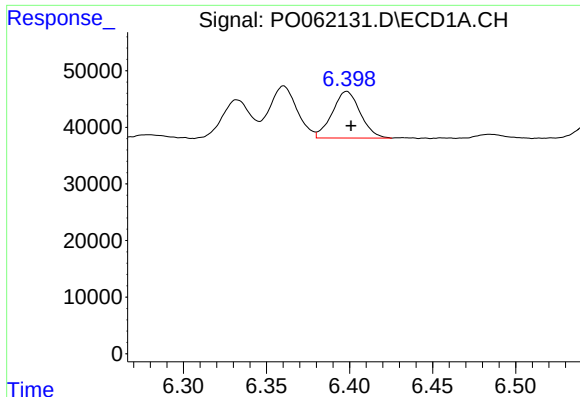
#24 AR-1248-4

R.T.: 6.360 min  
Delta R.T.: -0.002 min  
Response: 104670  
Conc: 40.97 ng/ml



#24 AR-1248-4

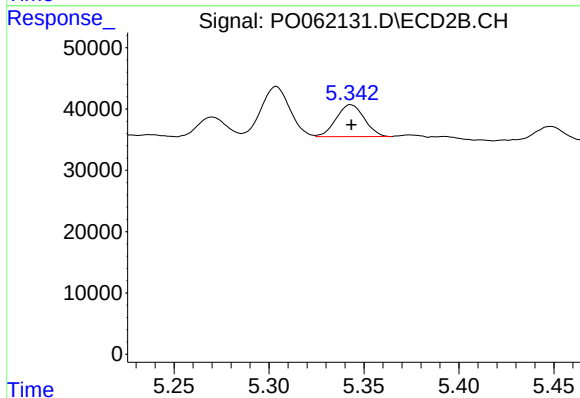
R.T.: 4.962 min  
Delta R.T.: 0.000 min  
Response: 65262  
Conc: 41.24 ng/ml



#25 AR-1248-5

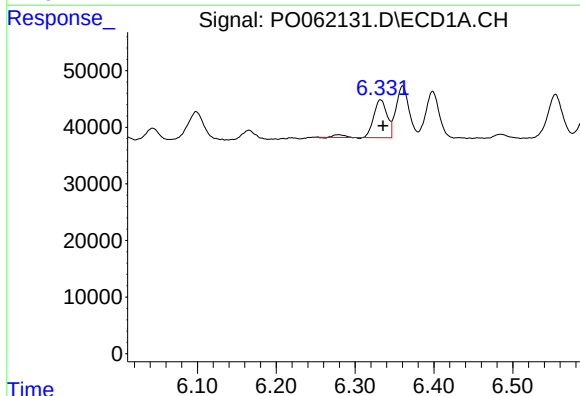
R.T.: 6.398 min  
Delta R.T.: -0.003 min  
Response: 96487  
Conc: 39.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019



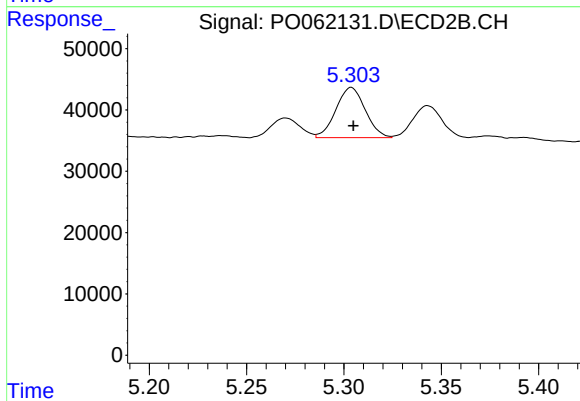
#25 AR-1248-5

R.T.: 5.343 min  
Delta R.T.: 0.000 min  
Response: 53597  
Conc: 34.83 ng/ml



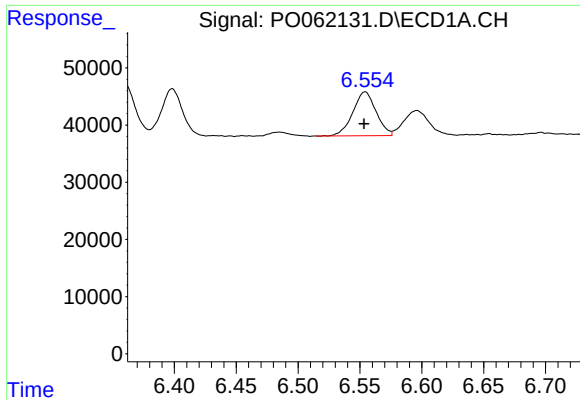
#26 AR-1254-1

R.T.: 6.332 min  
Delta R.T.: -0.003 min  
Response: 82822  
Conc: 31.07 ng/ml



#26 AR-1254-1

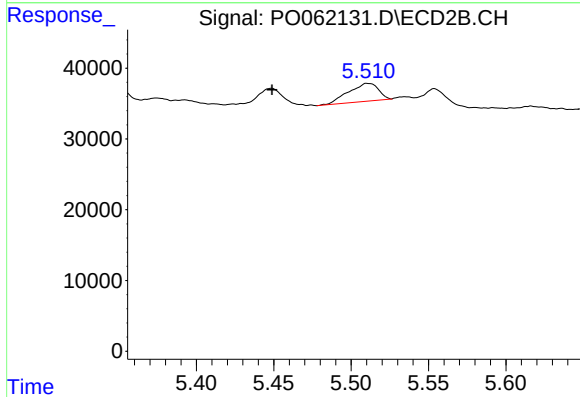
R.T.: 5.304 min  
Delta R.T.: 0.000 min  
Response: 85591  
Conc: 35.00 ng/ml



#27 AR-1254-2

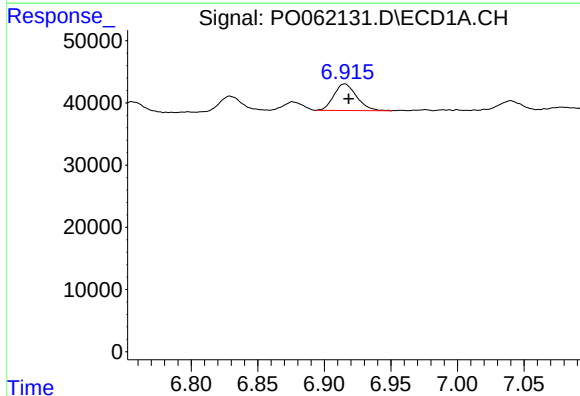
R.T.: 6.554 min  
Delta R.T.: 0.000 min  
Response: 100392  
Conc: 24.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2019



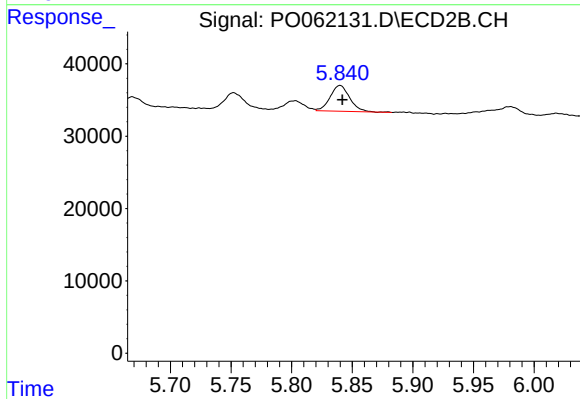
#27 AR-1254-2

R.T.: 5.511 min  
Delta R.T.: 0.062 min  
Response: 33805  
Conc: 15.96 ng/ml



#28 AR-1254-3

R.T.: 6.915 min  
Delta R.T.: -0.003 min  
Response: 50893  
Conc: 12.16 ng/ml



#28 AR-1254-3

R.T.: 5.840 min  
Delta R.T.: -0.002 min  
Response: 40320  
Conc: 12.38 ng/ml