

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0052119\  
 Data File : P0056448.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 21 May 2019 20:42  
 Operator : SM/SJ  
 Sample : K2241-09  
 Misc : AR1248 MDL 25PPB  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 MDL-MDL-WATER-03-QT2-2019

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 22 02:08:02 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0052019.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 21 03:48:44 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... | 4.257 | 3.574 | 623847  | 549891 | 21.661  | 20.390   |
| 2)                          | SA Decachlor... | 9.840 | 8.513 | 1098384 | 903365 | 21.526  | 20.564   |
| Target Compounds            |                 |       |       |         |        |         |          |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.876 | 0       | 31581  | N.D.    | 29.614 # |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.876 | 0       | 31581  | N.D.    | 36.502 # |
| 7)                          | L1 AR-1016-5    | 5.890 | 5.087 | 36561   | 54926  | 29.922  | 47.436 # |
| 12)                         | L3 AR-1232-2    | 5.188 | 0.000 | 186028  | 0      | 281.270 | N.D. #   |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.876 | 0       | 31581  | N.D.    | 44.459 # |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.876 | 0       | 31581  | N.D.    | 51.008 # |
| 15)                         | L3 AR-1232-5    | 5.688 | 5.087 | 38197   | 54926  | 64.676  | 77.152   |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.876 | 0       | 31581  | N.D.    | 38.157 # |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.876 | 0       | 31581  | N.D.    | 39.337 # |
| 20)                         | L4 AR-1242-5    | 6.330 | 5.435 | 66575   | 53212  | 58.439  | 48.062   |
| 22)                         | L5 AR-1248-2    | 5.688 | 4.876 | 38197   | 31581  | 29.000  | 29.208   |
| 23)                         | L5 AR-1248-3    | 5.890 | 4.876 | 36561   | 31581  | 24.582  | 28.060   |
| 24)                         | L5 AR-1248-4    | 6.292 | 5.087 | 70477   | 54926  | 38.649  | 38.580   |
| 25)                         | L5 AR-1248-5    | 6.330 | 5.460 | 66575   | 123841 | 37.919  | 80.869 # |
| 26)                         | L6 AR-1254-1    | 6.267 | 5.435 | 214234  | 53212  | 91.597  | 17.687 # |
| 27)                         | L6 AR-1254-2    | 6.484 | 0.000 | 43383   | 0      | 11.595  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 6.860 | 0.000 | 80901   | 0      | 19.320  | N.D. #   |
| 29)                         | L6 AR-1254-4    | 7.132 | 0.000 | 22174   | 0      | 6.817   | N.D. #   |
| 32)                         | L7 AR-1260-2    | 0.000 | 6.288 | 0       | 44525  | N.D.    | 14.009 # |
| -----                       |                 |       |       |         |        |         |          |

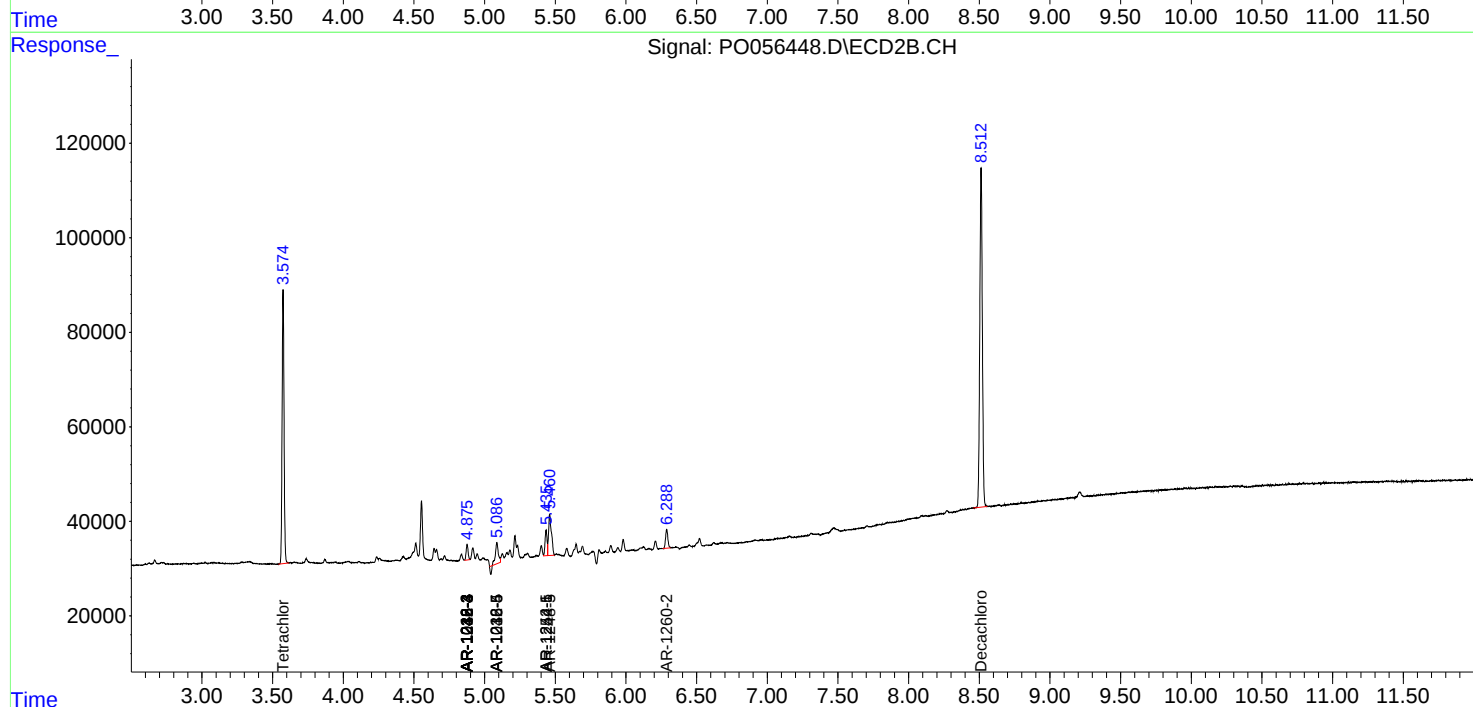
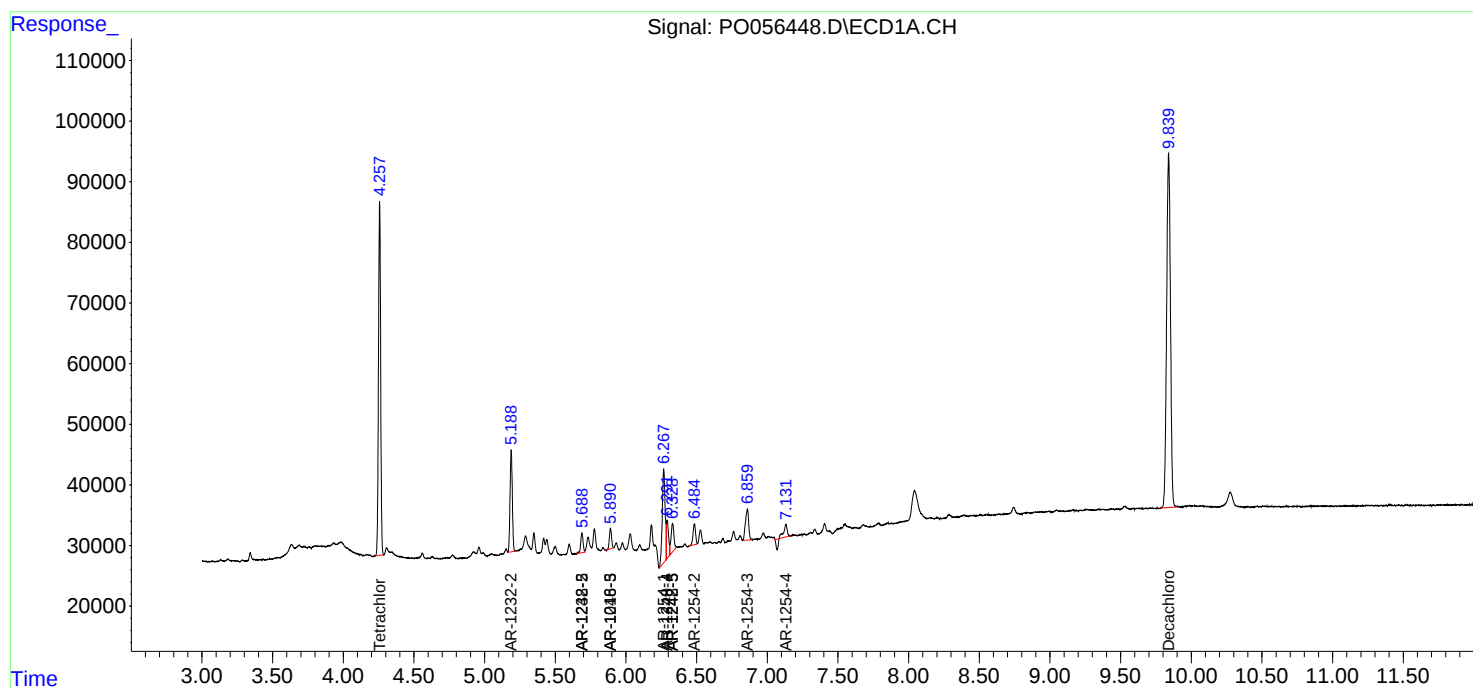
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

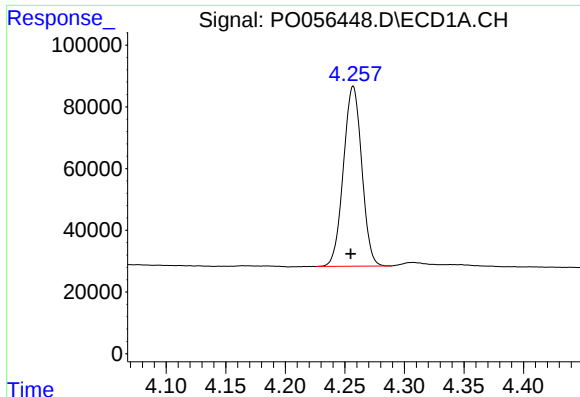
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO052119\  
Data File : PO056448.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 21 May 2019 20:42  
Operator : SM/SJ  
Sample : K2241-09  
Misc : AR1248 MDL 25PPB  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 22 02:08:02 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO052019.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 21 03:48:44 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

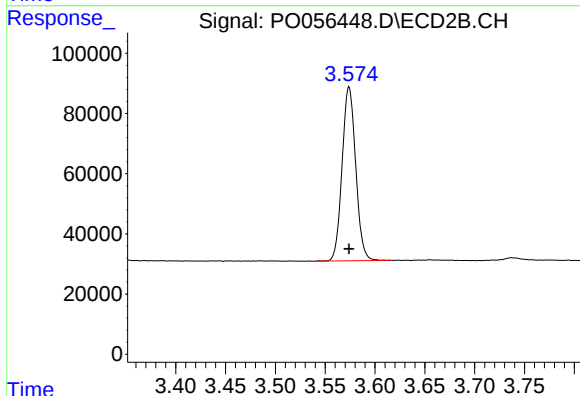




#1 Tetrachloro-m-xylene

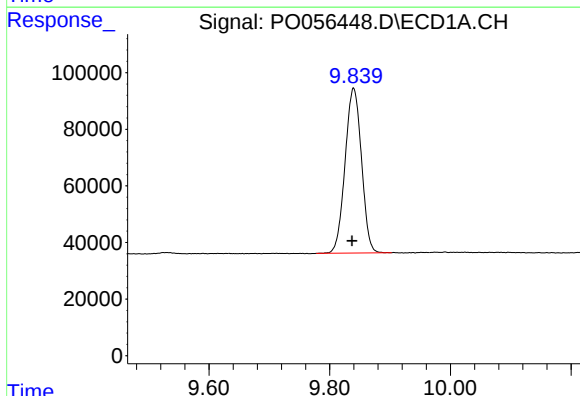
R.T.: 4.257 min  
Delta R.T.: 0.002 min  
Response: 623847  
Conc: 21.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



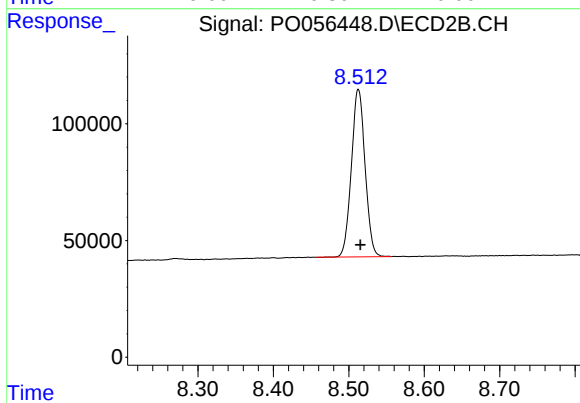
#1 Tetrachloro-m-xylene

R.T.: 3.574 min  
Delta R.T.: 0.000 min  
Response: 549891  
Conc: 20.39 ng/ml



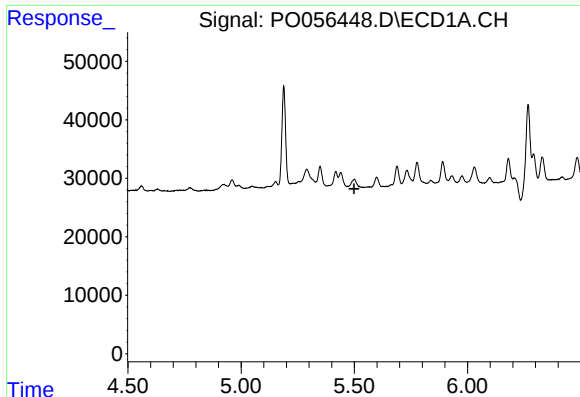
#2 Decachlorobiphenyl

R.T.: 9.840 min  
Delta R.T.: 0.003 min  
Response: 1098384  
Conc: 21.53 ng/ml



#2 Decachlorobiphenyl

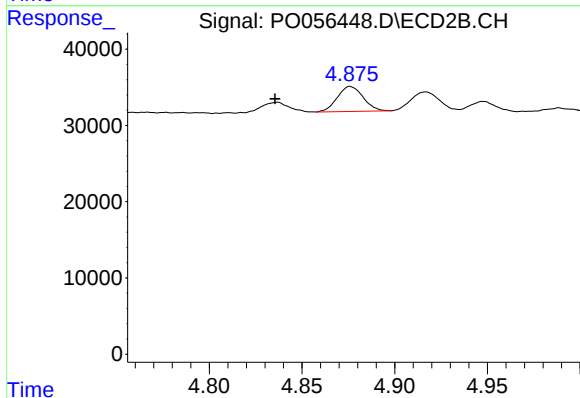
R.T.: 8.513 min  
Delta R.T.: -0.003 min  
Response: 903365  
Conc: 20.56 ng/ml



#5 AR-1016-3

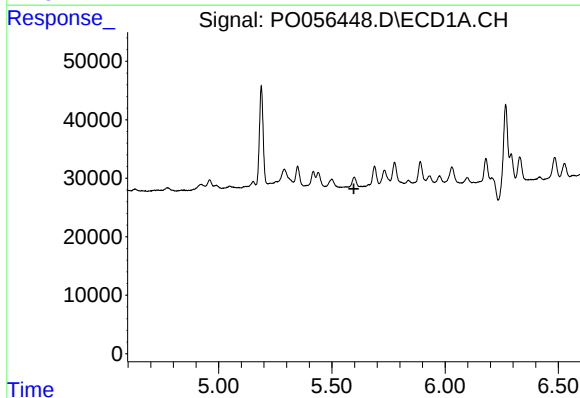
R.T.: 0.000 min  
Exp R.T.: 5.498 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



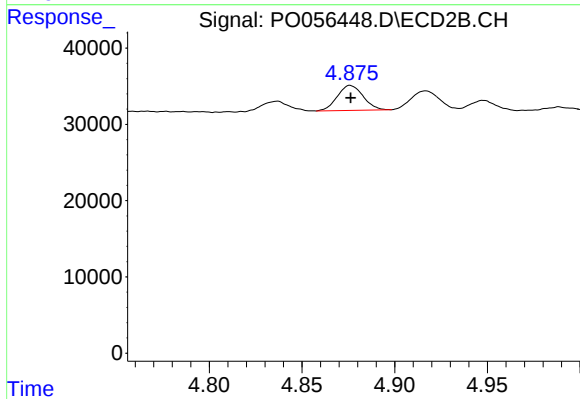
#5 AR-1016-3

R.T.: 4.876 min  
Delta R.T.: 0.040 min  
Response: 31581  
Conc: 29.61 ng/ml



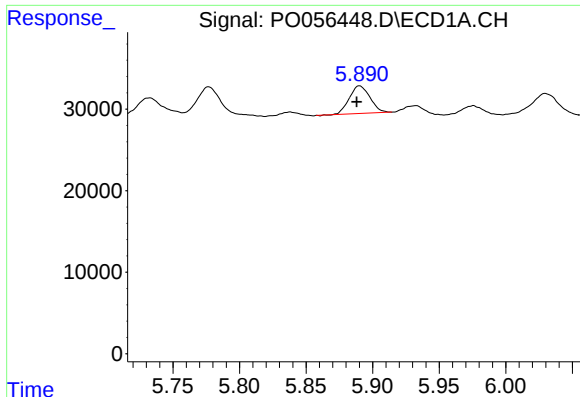
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.597 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

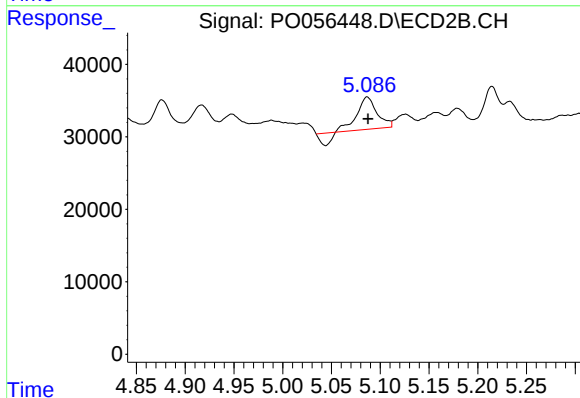
R.T.: 4.876 min  
Delta R.T.: 0.000 min  
Response: 31581  
Conc: 36.50 ng/ml



#7 AR-1016-5

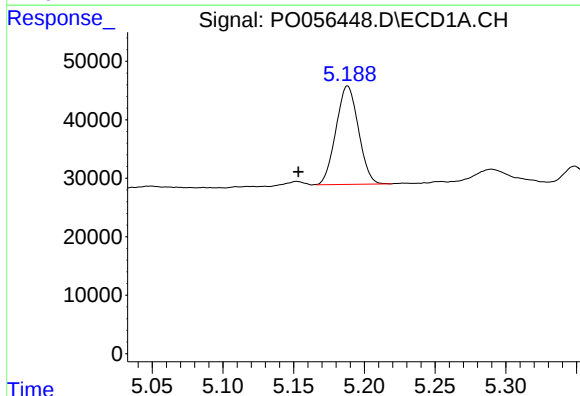
R.T.: 5.890 min  
Delta R.T.: 0.002 min  
Response: 36561  
Conc: 29.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



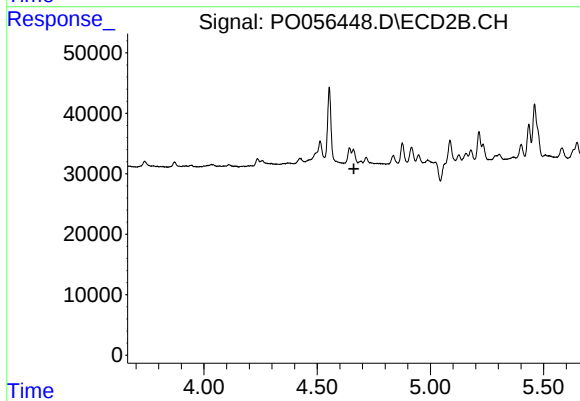
#7 AR-1016-5

R.T.: 5.087 min  
Delta R.T.: 0.000 min  
Response: 54926  
Conc: 47.44 ng/ml



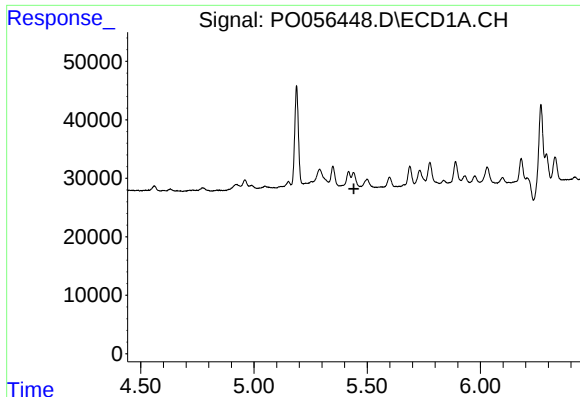
#12 AR-1232-2

R.T.: 5.188 min  
Delta R.T.: 0.035 min  
Response: 186028  
Conc: 281.27 ng/ml



#12 AR-1232-2

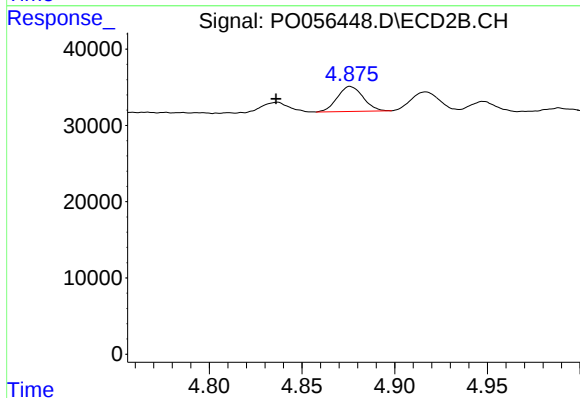
R.T.: 0.000 min  
Exp R.T.: 4.662 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

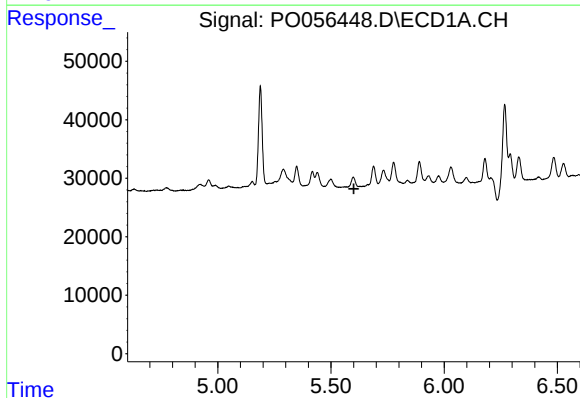
R.T.: 0.000 min  
Exp R.T.: 5.442 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



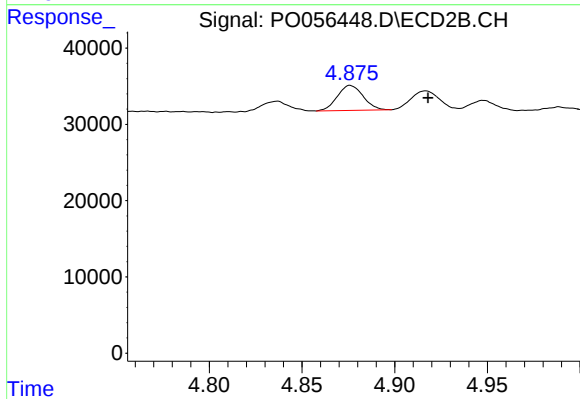
#13 AR-1232-3

R.T.: 4.876 min  
Delta R.T.: 0.040 min  
Response: 31581  
Conc: 44.46 ng/ml



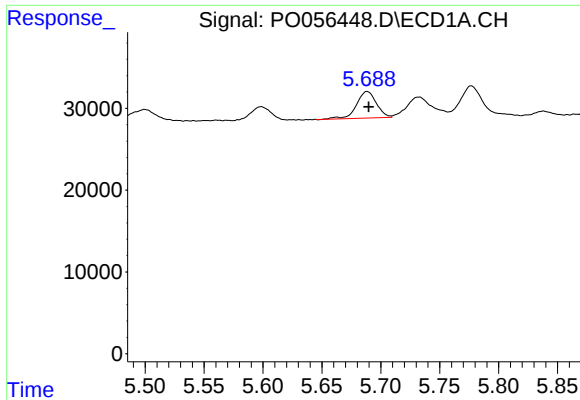
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.601 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

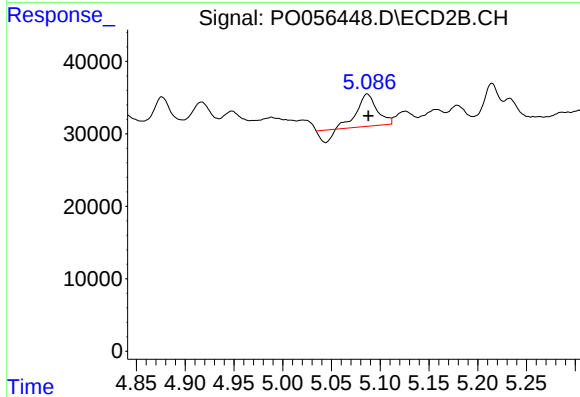
R.T.: 4.876 min  
Delta R.T.: -0.042 min  
Response: 31581  
Conc: 51.01 ng/ml



#15 AR-1232-5

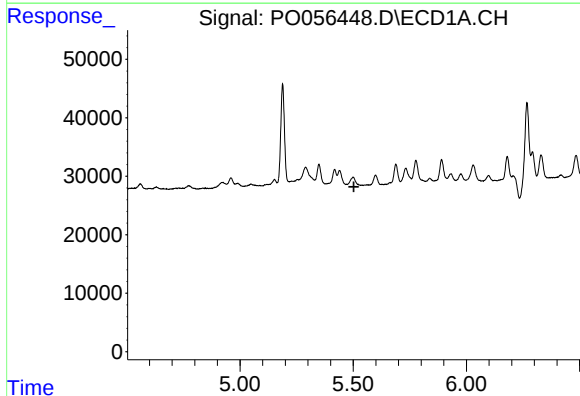
R.T.: 5.688 min  
Delta R.T.: -0.001 min  
Response: 38197  
Conc: 64.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



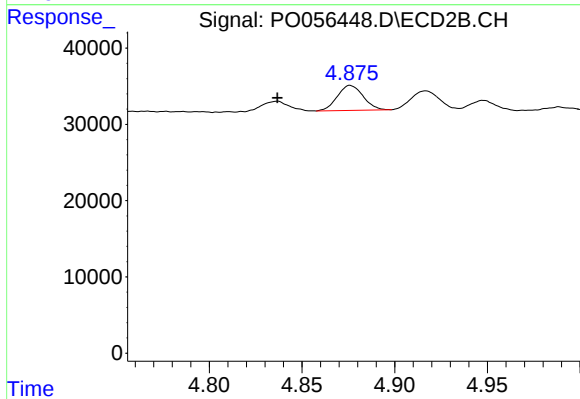
#15 AR-1232-5

R.T.: 5.087 min  
Delta R.T.: -0.001 min  
Response: 54926  
Conc: 77.15 ng/ml



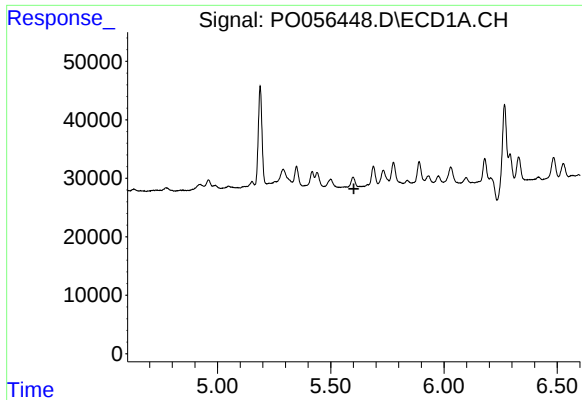
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.503 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

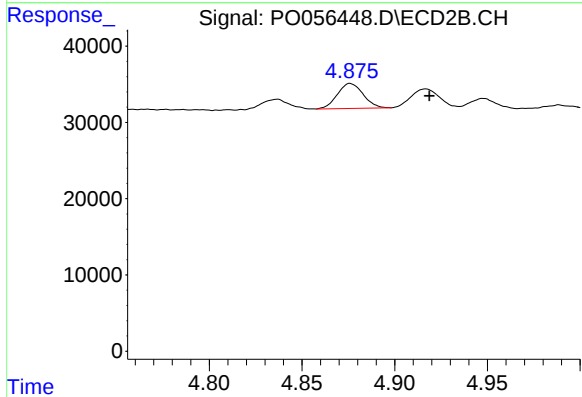
R.T.: 4.876 min  
Delta R.T.: 0.039 min  
Response: 31581  
Conc: 38.16 ng/ml



#19 AR-1242-4

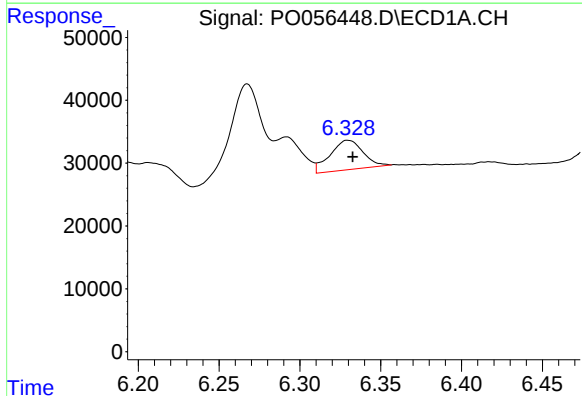
R.T.: 0.000 min  
Exp R.T.: 5.602 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



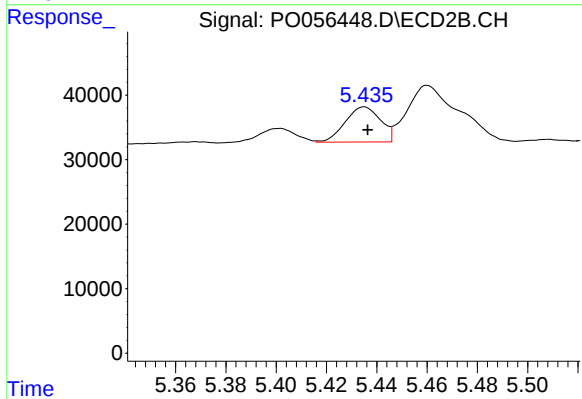
#19 AR-1242-4

R.T.: 4.876 min  
Delta R.T.: -0.043 min  
Response: 31581  
Conc: 39.34 ng/ml



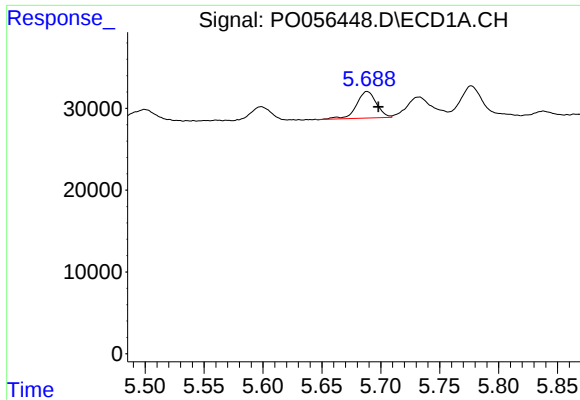
#20 AR-1242-5

R.T.: 6.330 min  
Delta R.T.: -0.003 min  
Response: 66575  
Conc: 58.44 ng/ml



#20 AR-1242-5

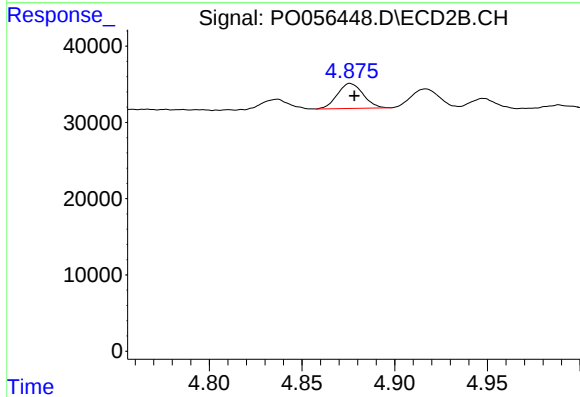
R.T.: 5.435 min  
Delta R.T.: -0.001 min  
Response: 53212  
Conc: 48.06 ng/ml



#22 AR-1248-2

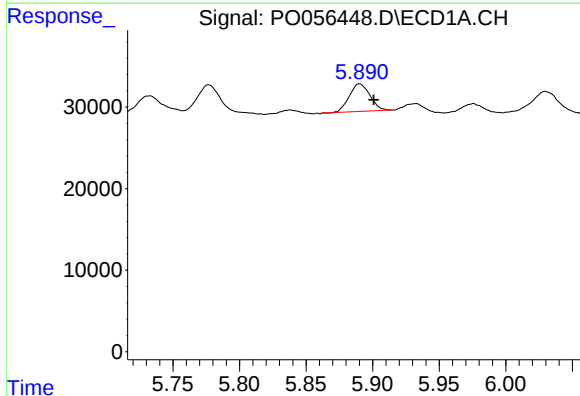
R.T.: 5.688 min  
Delta R.T.: -0.010 min  
Response: 38197  
Conc: 29.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



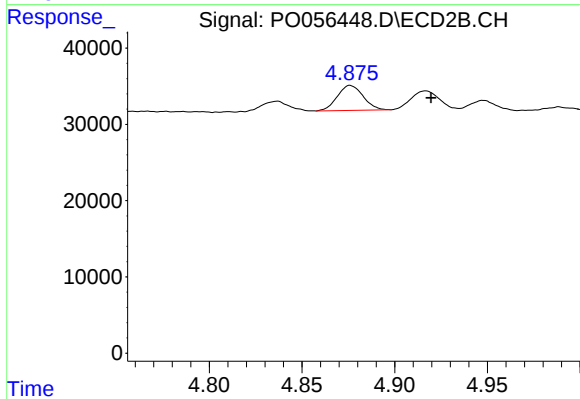
#22 AR-1248-2

R.T.: 4.876 min  
Delta R.T.: -0.002 min  
Response: 31581  
Conc: 29.21 ng/ml



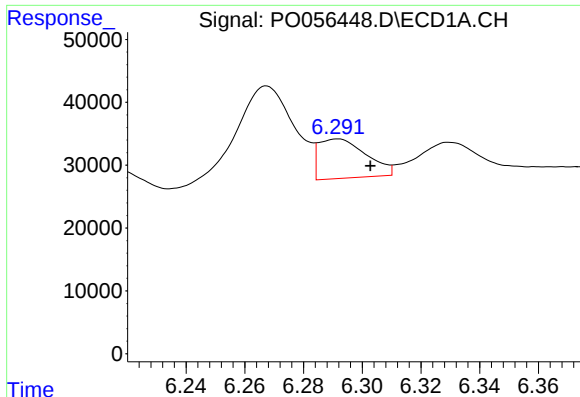
#23 AR-1248-3

R.T.: 5.890 min  
Delta R.T.: -0.011 min  
Response: 36561  
Conc: 24.58 ng/ml



#23 AR-1248-3

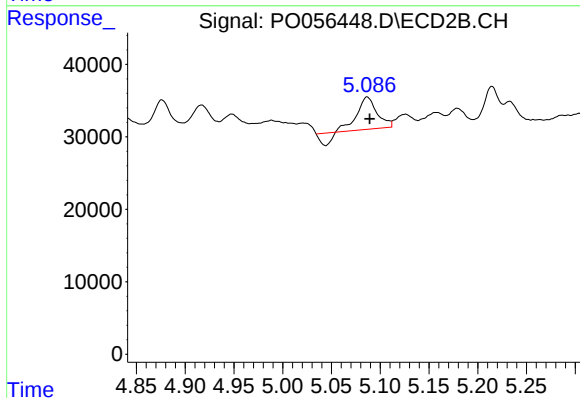
R.T.: 4.876 min  
Delta R.T.: -0.044 min  
Response: 31581  
Conc: 28.06 ng/ml



#24 AR-1248-4

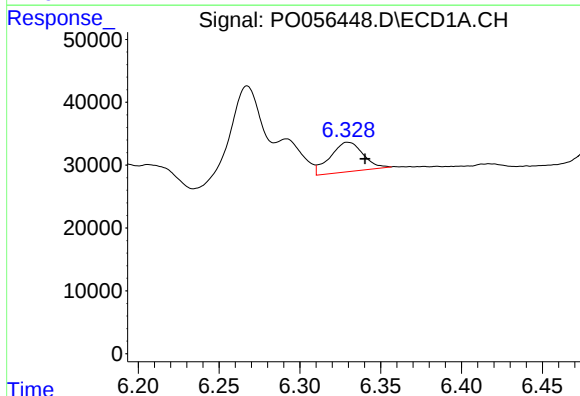
R.T.: 6.292 min  
Delta R.T.: -0.011 min  
Response: 70477  
Conc: 38.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



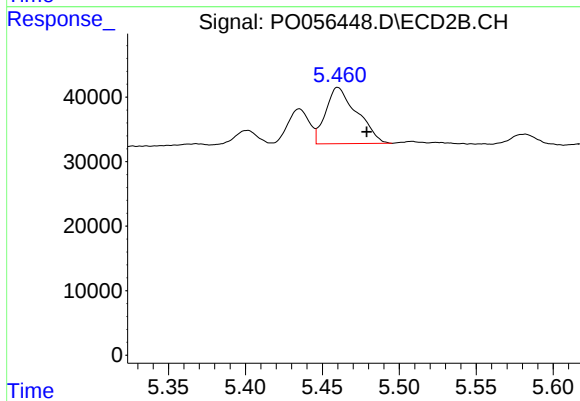
#24 AR-1248-4

R.T.: 5.087 min  
Delta R.T.: -0.003 min  
Response: 54926  
Conc: 38.58 ng/ml



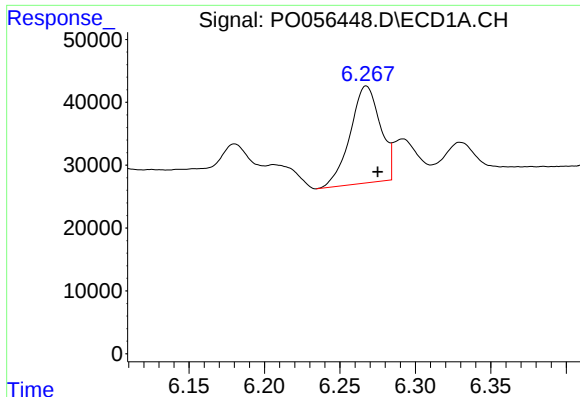
#25 AR-1248-5

R.T.: 6.330 min  
Delta R.T.: -0.010 min  
Response: 66575  
Conc: 37.92 ng/ml



#25 AR-1248-5

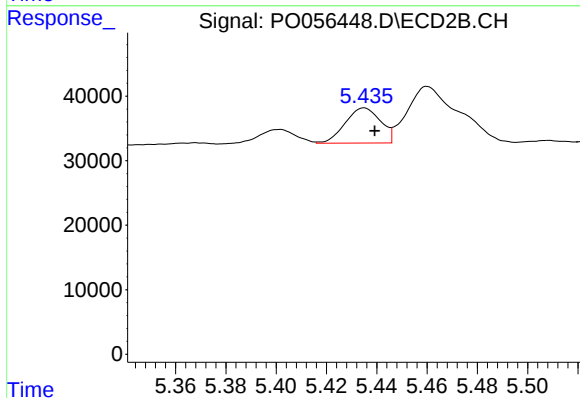
R.T.: 5.460 min  
Delta R.T.: -0.019 min  
Response: 123841  
Conc: 80.87 ng/ml



#26 AR-1254-1

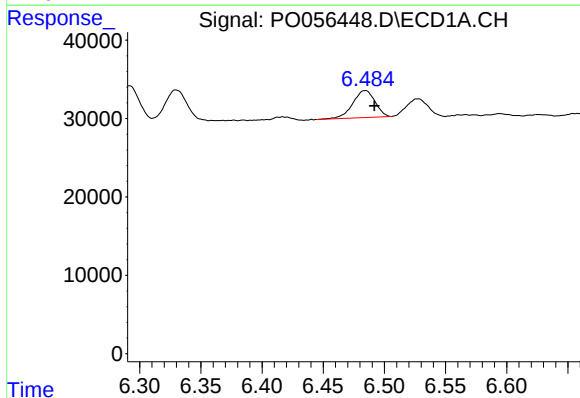
R.T.: 6.267 min  
Delta R.T.: -0.008 min  
Response: 214234  
Conc: 91.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



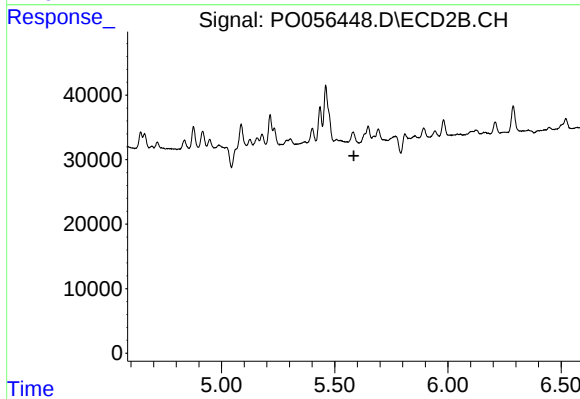
#26 AR-1254-1

R.T.: 5.435 min  
Delta R.T.: -0.004 min  
Response: 53212  
Conc: 17.69 ng/ml



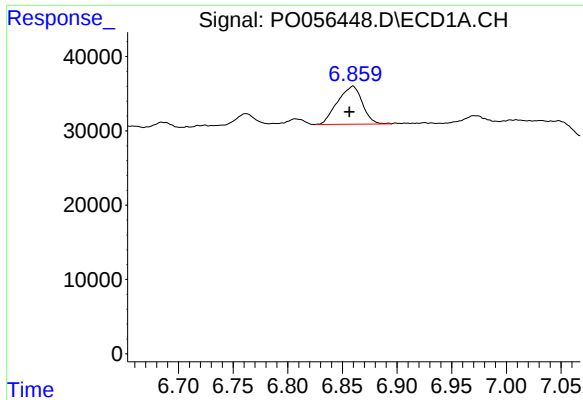
#27 AR-1254-2

R.T.: 6.484 min  
Delta R.T.: -0.008 min  
Response: 43383  
Conc: 11.60 ng/ml



#27 AR-1254-2

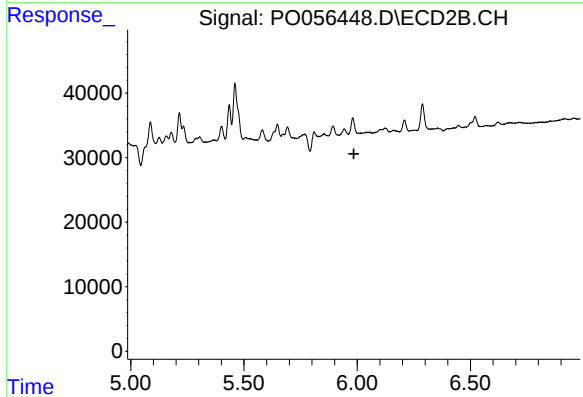
R.T.: 0.000 min  
Exp R.T.: 5.585 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

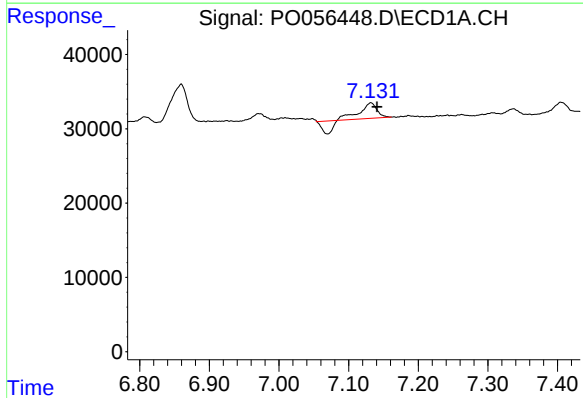
R.T.: 6.860 min  
Delta R.T.: 0.003 min  
Response: 80901  
Conc: 19.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



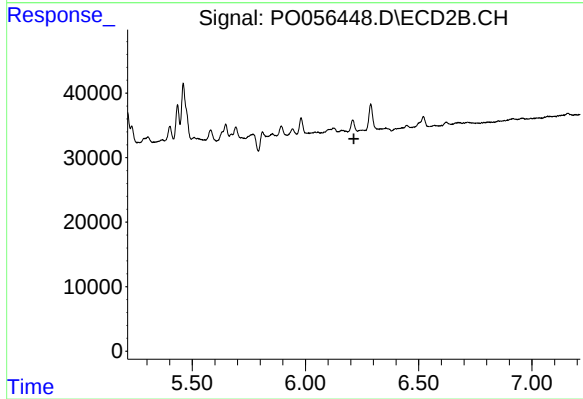
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.986 min  
Response: 0  
Conc: N.D.



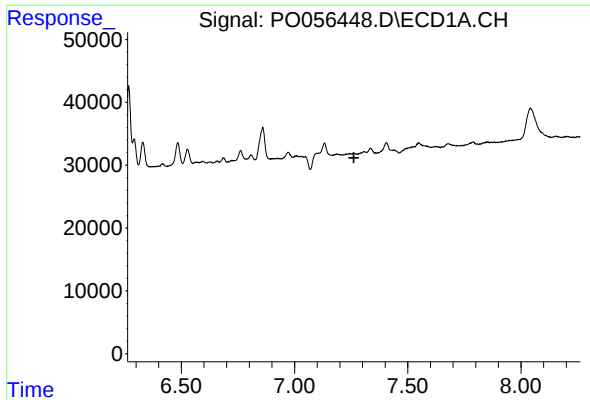
#29 AR-1254-4

R.T.: 7.132 min  
Delta R.T.: -0.009 min  
Response: 22174  
Conc: 6.82 ng/ml



#29 AR-1254-4

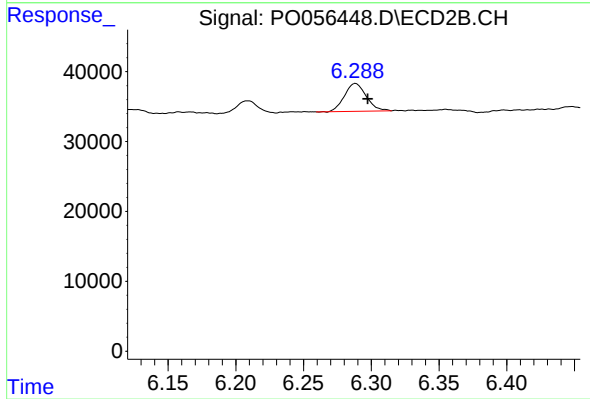
R.T.: 0.000 min  
Exp R.T. : 6.213 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 7.262 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
MDL-MDL-WATER-03-QT2-2019



#32 AR-1260-2

R.T.: 6.288 min  
Delta R.T.: -0.009 min  
Response: 44525  
Conc: 14.01 ng/ml