

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0040119\  
 Data File : P0054775.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 01 Apr 2019 11:33  
 Operator : SM/SJ  
 Sample : K2093-20RE  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 30099-30100-OW-6RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 02 01:02:21 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0032519.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Mar 25 17:22:26 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... | 4.303 | 3.618 | 209131 | 240317 | 6.026   | 7.531    |
| 2)                          | SA Decachlor... | 9.922 | 8.593 | 143649 | 104677 | 2.914   | 3.287    |
| Target Compounds            |                 |       |       |        |        |         |          |
| 3)                          | L1 AR-1016-1    | 5.395 | 4.704 | 68263  | 18377  | 37.936  | 11.621 # |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.704 | 0      | 18377  | N.D.    | 8.576 #  |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.937 | 0      | 13528  | N.D.    | 11.197 # |
| 6)                          | L1 AR-1016-4    | 5.620 | 4.937 | 284996 | 13528  | 218.710 | 13.387 # |
| 7)                          | L1 AR-1016-5    | 5.882 | 0.000 | 79012  | 0      | 59.218  | N.D. #   |
| 8)                          | L2 AR-1221-1    | 4.506 | 0.000 | 34743  | 0      | 79.580  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.665 | 0.000 | 39638  | 0      | 116.887 | N.D. #   |
| 10)                         | L2 AR-1221-3    | 4.665 | 4.030 | 39638  | 35052  | 38.159  | 38.026   |
| 11)                         | L3 AR-1232-1    | 4.665 | 4.030 | 39638  | 35052  | 46.039  | 46.742   |
| 12)                         | L3 AR-1232-2    | 5.131 | 4.704 | 51978  | 18377  | 106.264 | 21.341 # |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.937 | 0      | 13528  | N.D.    | 27.918 # |
| 14)                         | L3 AR-1232-4    | 5.620 | 5.002 | 284996 | 26664  | 556.792 | 60.683 # |
| 15)                         | L3 AR-1232-5    | 5.751 | 0.000 | 62747  | 0      | 150.835 | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.395 | 4.704 | 68263  | 18377  | 49.135  | 14.968 # |
| 17)                         | L4 AR-1242-2    | 0.000 | 4.704 | 0      | 18377  | N.D.    | 11.089 # |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.937 | 0      | 13528  | N.D.    | 14.280 # |
| 19)                         | L4 AR-1242-4    | 5.620 | 5.002 | 284996 | 26664  | 279.531 | 27.899 # |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.704 | 0      | 18377  | N.D.    | 20.935 # |
| 22)                         | L5 AR-1248-2    | 5.751 | 4.937 | 62747  | 13528  | 43.205  | 11.194 # |
| 23)                         | L5 AR-1248-3    | 5.882 | 5.002 | 79012  | 26664  | 49.470  | 21.369 # |
| 27)                         | L6 AR-1254-2    | 6.565 | 0.000 | 33056  | 0      | 11.579  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 6.901 | 0.000 | 35614  | 0      | 11.325  | N.D. #   |
| 29)                         | L6 AR-1254-4    | 0.000 | 6.345 | 0      | 33269  | N.D.    | 16.992 # |
| 32)                         | L7 AR-1260-2    | 7.331 | 6.345 | 54003  | 33269  | 17.401  | 12.086 # |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.494 | 0      | 51304  | N.D.    | 19.901 # |
| -----                       |                 |       |       |        |        |         |          |

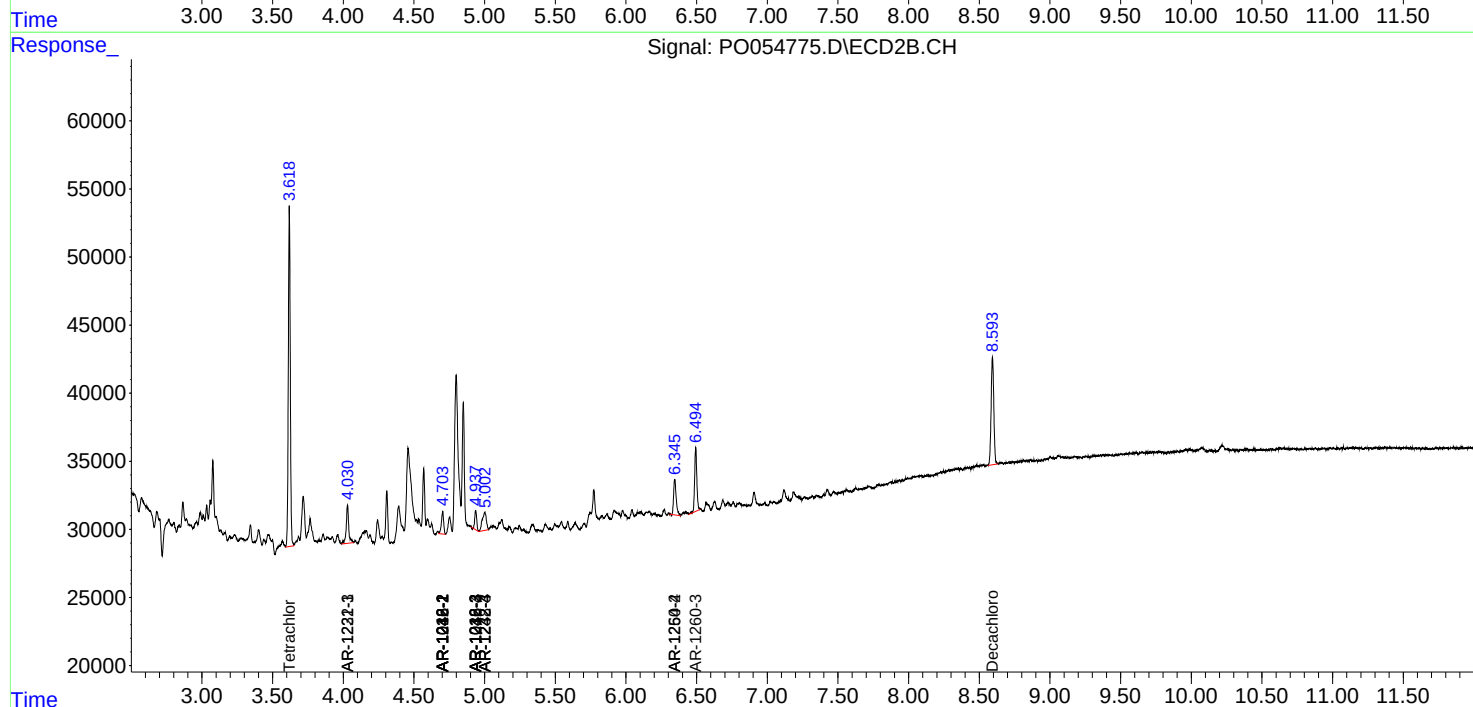
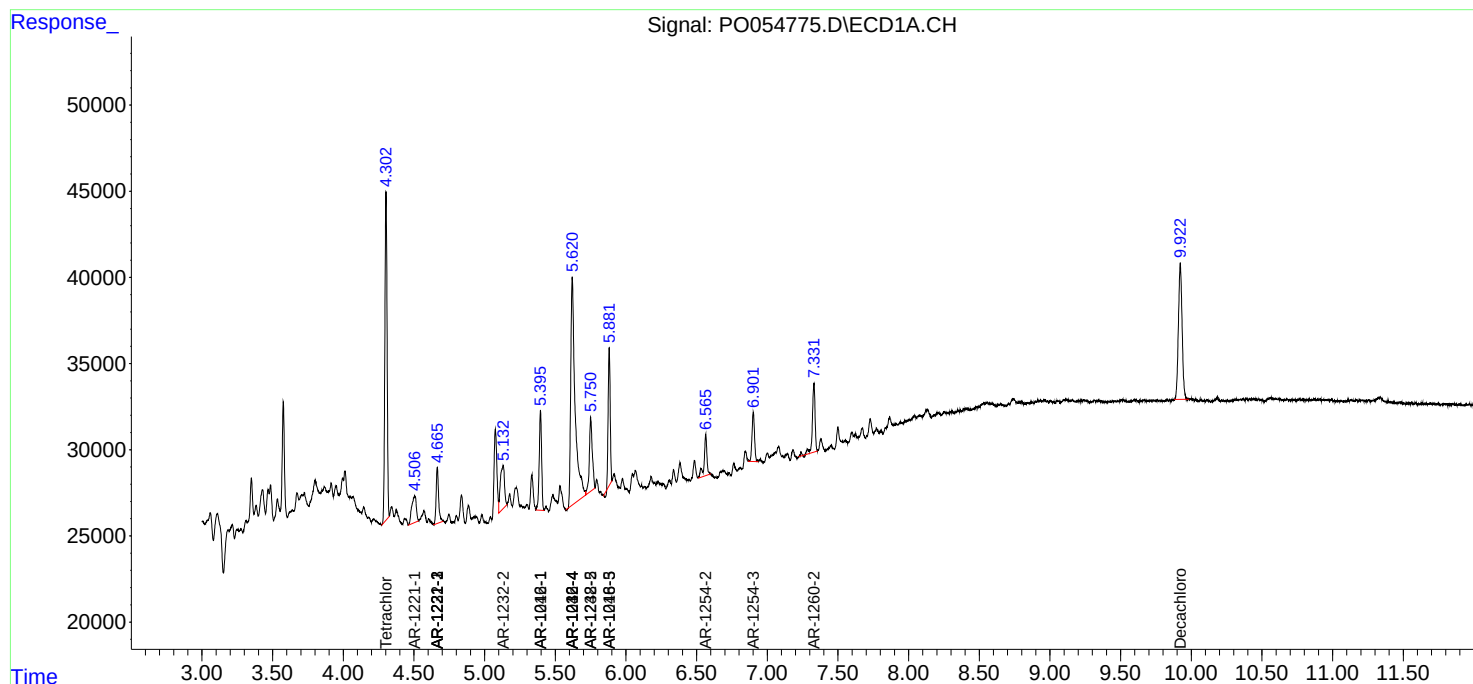
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

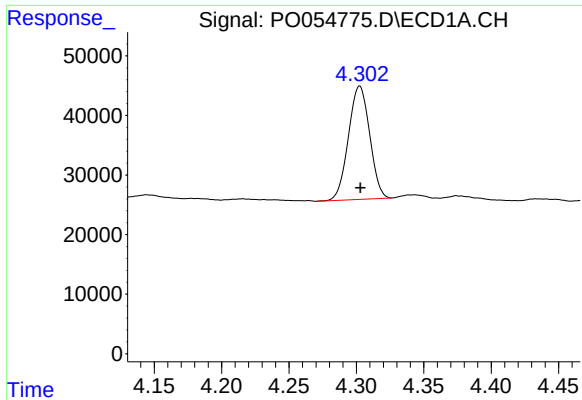
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO040119\  
Data File : PO054775.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 01 Apr 2019 11:33  
Operator : SM/SJ  
Sample : K2093-20RE  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
30099-30100-OW-6RE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 02 01:02:21 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO032519.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Mar 25 17:22:26 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

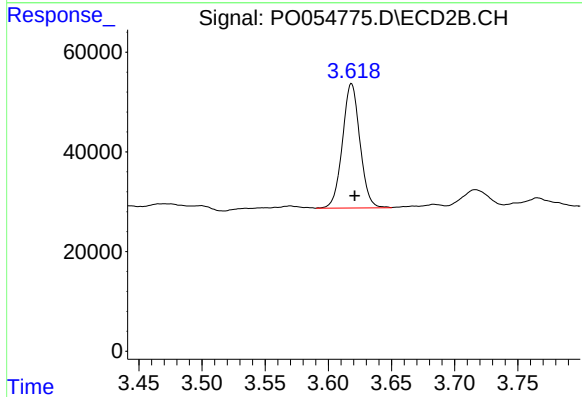




#1 Tetrachloro-m-xylene

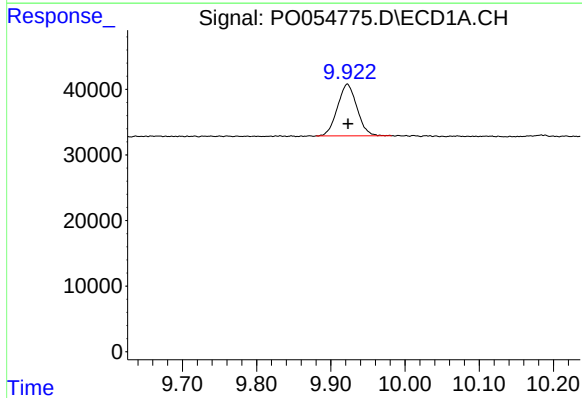
R.T.: 4.303 min  
Delta R.T.: 0.000 min  
Response: 209131  
Conc: 6.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30099-30100-OW-6RE



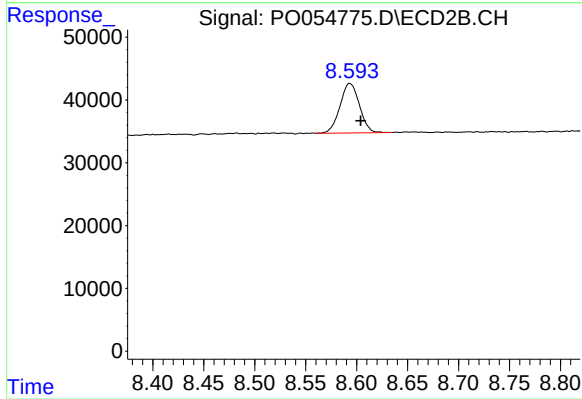
#1 Tetrachloro-m-xylene

R.T.: 3.618 min  
Delta R.T.: -0.003 min  
Response: 240317  
Conc: 7.53 ng/ml



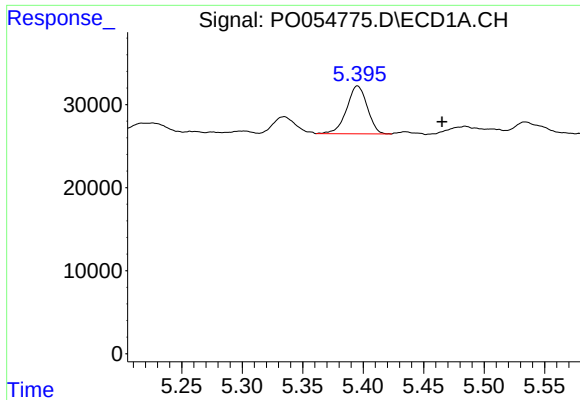
#2 Decachlorobiphenyl

R.T.: 9.922 min  
Delta R.T.: 0.000 min  
Response: 143649  
Conc: 2.91 ng/ml



#2 Decachlorobiphenyl

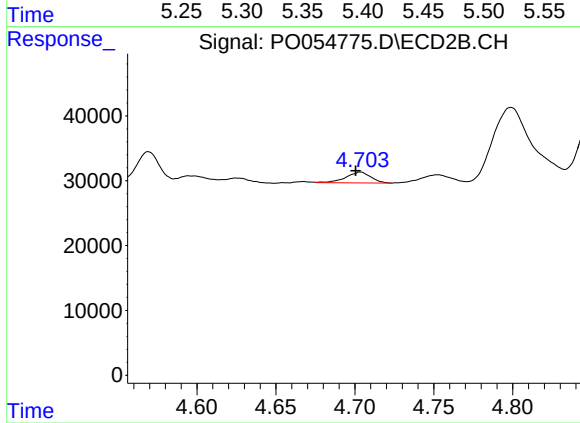
R.T.: 8.593 min  
Delta R.T.: -0.011 min  
Response: 104677  
Conc: 3.29 ng/ml



#3 AR-1016-1

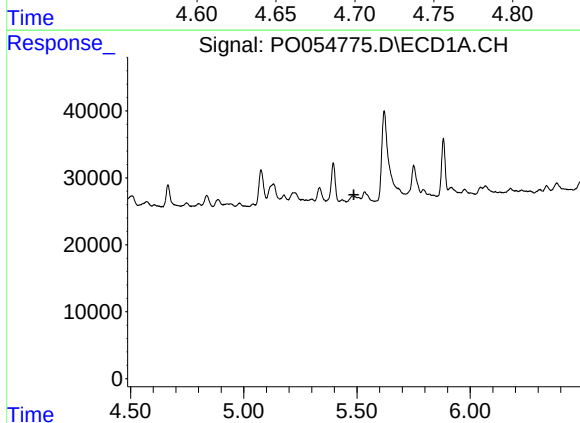
R.T.: 5.395 min  
Delta R.T.: -0.070 min  
Response: 68263  
Conc: 37.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30099-30100-OW-6RE



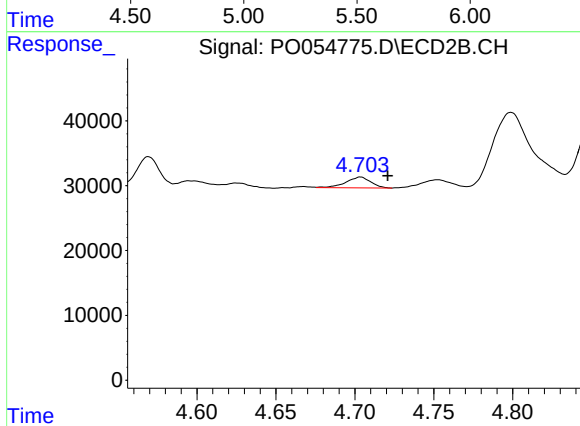
#3 AR-1016-1

R.T.: 4.704 min  
Delta R.T.: 0.003 min  
Response: 18377  
Conc: 11.62 ng/ml



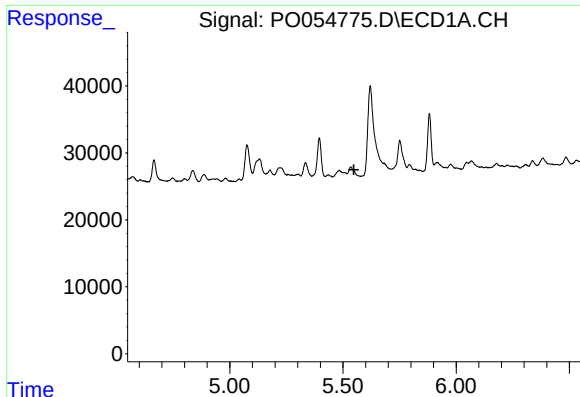
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.487 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

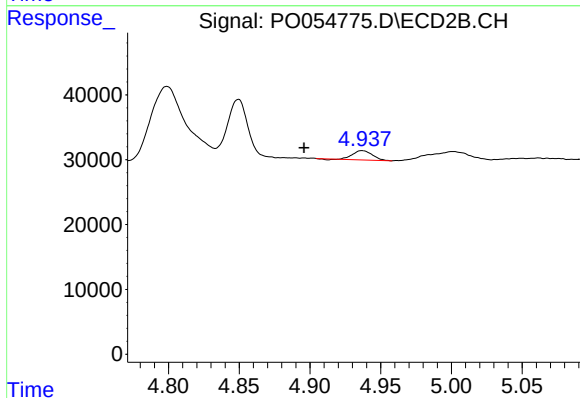
R.T.: 4.704 min  
Delta R.T.: -0.017 min  
Response: 18377  
Conc: 8.58 ng/ml



#5 AR-1016-3

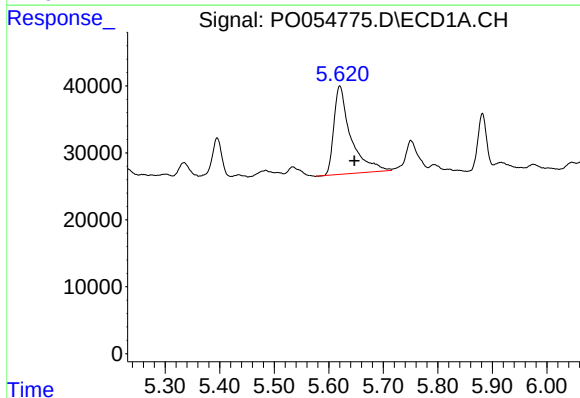
R.T.: 0.000 min  
Exp R.T.: 5.548 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
30099-30100-OW-6RE



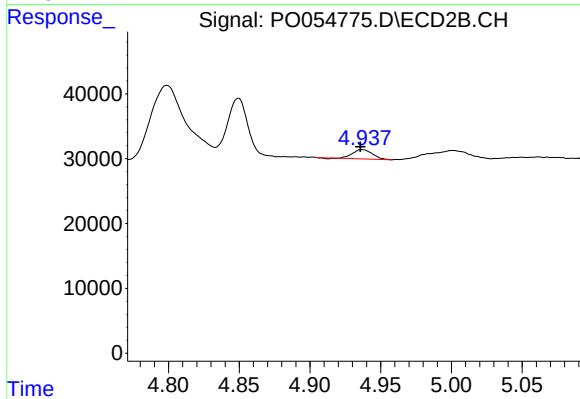
#5 AR-1016-3

R.T.: 4.937 min  
Delta R.T.: 0.041 min  
Response: 13528  
Conc: 11.20 ng/ml



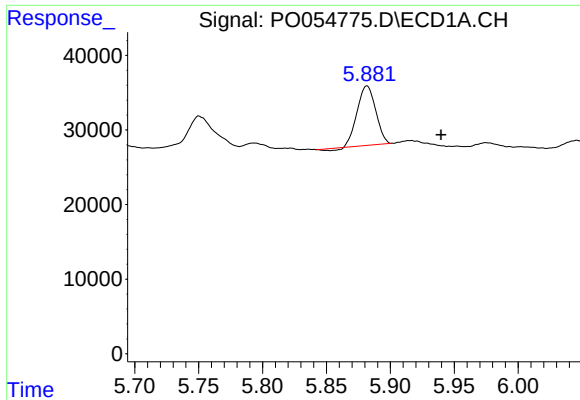
#6 AR-1016-4

R.T.: 5.620 min  
Delta R.T.: -0.027 min  
Response: 284996  
Conc: 218.71 ng/ml



#6 AR-1016-4

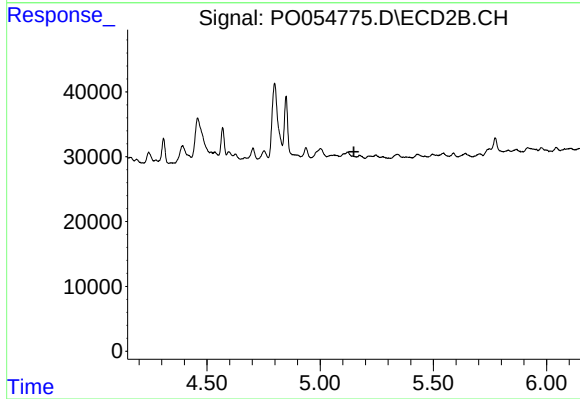
R.T.: 4.937 min  
Delta R.T.: 0.001 min  
Response: 13528  
Conc: 13.39 ng/ml



#7 AR-1016-5

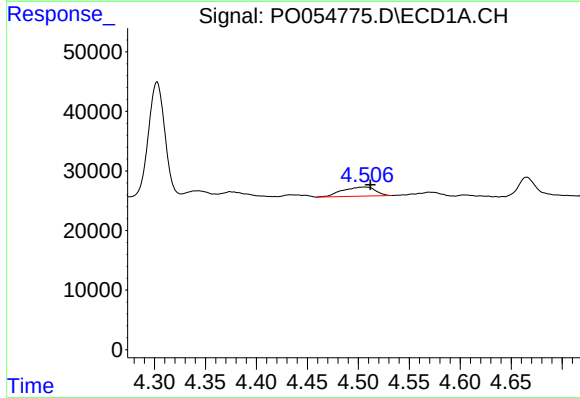
R.T.: 5.882 min  
Delta R.T.: -0.058 min  
Response: 79012  
Conc: 59.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30099-30100-OW-6RE



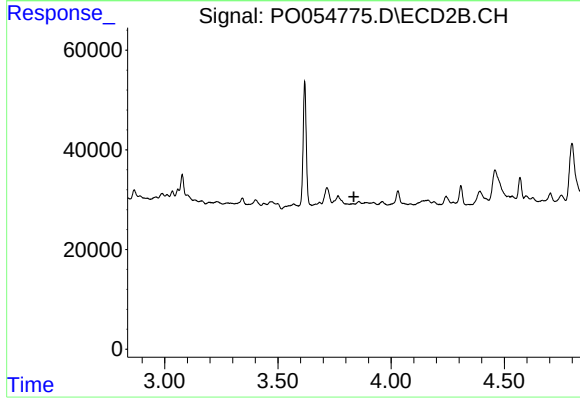
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.149 min  
Response: 0  
Conc: N.D.



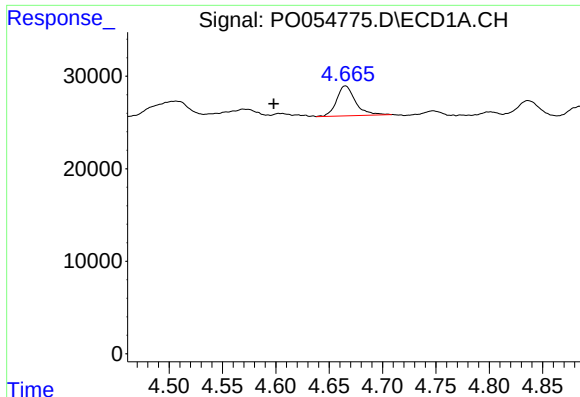
#8 AR-1221-1

R.T.: 4.506 min  
Delta R.T.: -0.006 min  
Response: 34743  
Conc: 79.58 ng/ml



#8 AR-1221-1

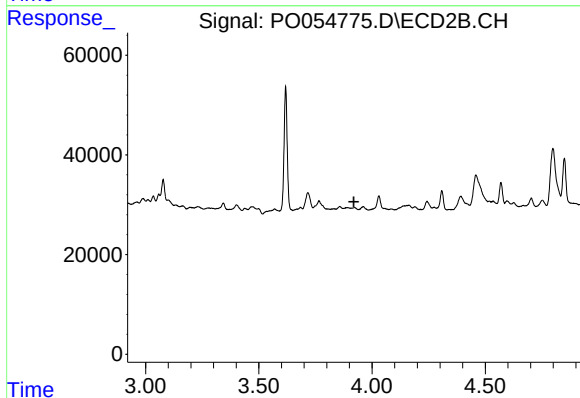
R.T.: 0.000 min  
Exp R.T. : 3.836 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

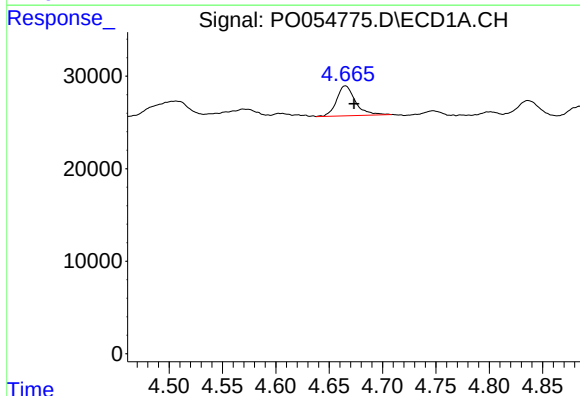
R.T.: 4.665 min  
Delta R.T.: 0.067 min  
Response: 39638  
Conc: 116.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30099-30100-OW-6RE



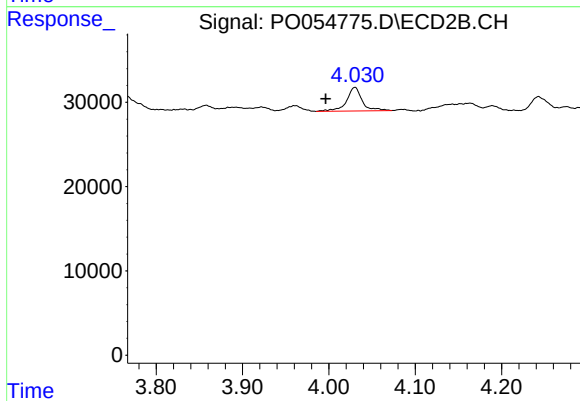
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 3.920 min  
Response: 0  
Conc: N.D.



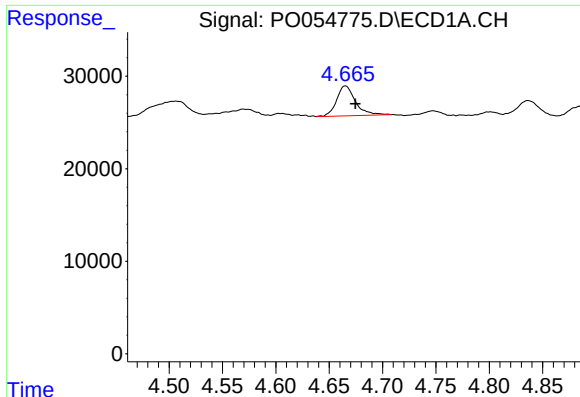
#10 AR-1221-3

R.T.: 4.665 min  
Delta R.T.: -0.008 min  
Response: 39638  
Conc: 38.16 ng/ml



#10 AR-1221-3

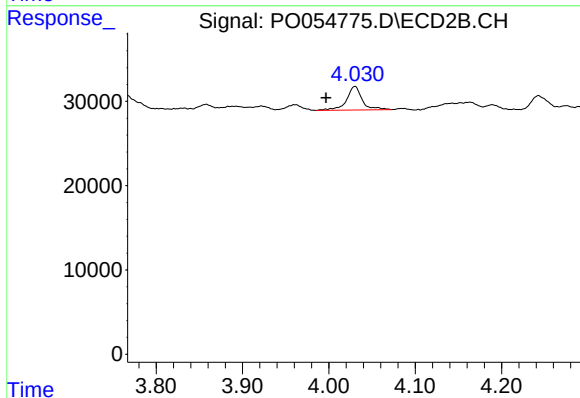
R.T.: 4.030 min  
Delta R.T.: 0.034 min  
Response: 35052  
Conc: 38.03 ng/ml



#11 AR-1232-1

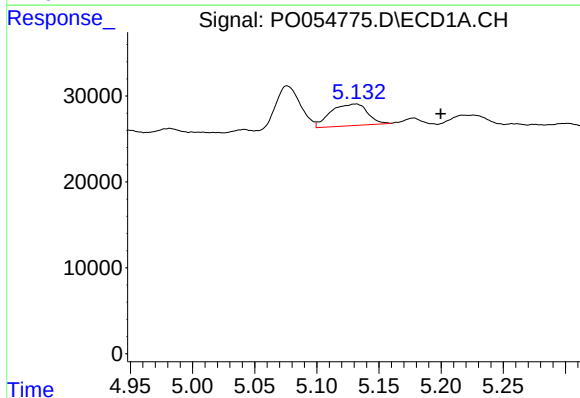
R.T.: 4.665 min  
Delta R.T.: -0.009 min  
Response: 39638  
Conc: 46.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30099-30100-OW-6RE



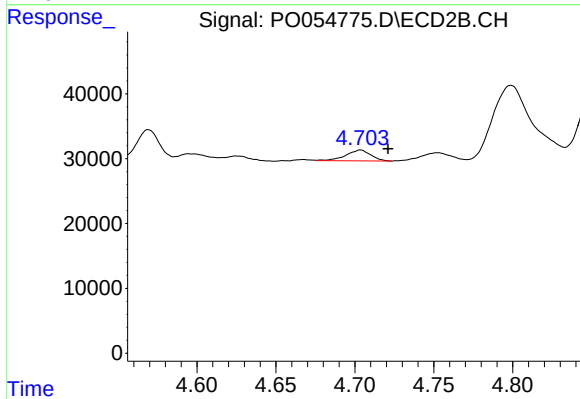
#11 AR-1232-1

R.T.: 4.030 min  
Delta R.T.: 0.034 min  
Response: 35052  
Conc: 46.74 ng/ml



#12 AR-1232-2

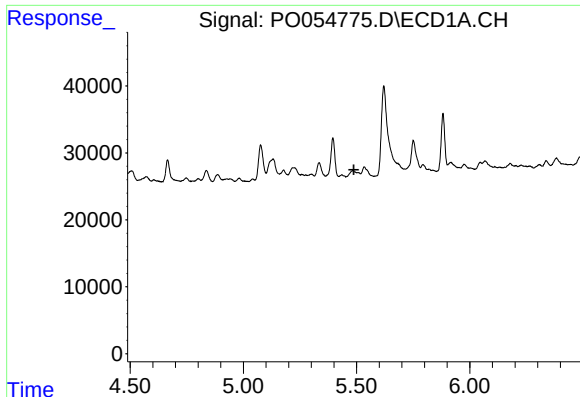
R.T.: 5.131 min  
Delta R.T.: -0.069 min  
Response: 51978  
Conc: 106.26 ng/ml



#12 AR-1232-2

R.T.: 4.704 min  
Delta R.T.: -0.017 min  
Response: 18377  
Conc: 21.34 ng/ml

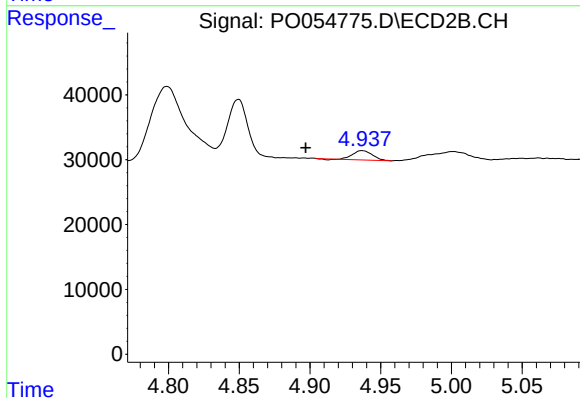




#13 AR-1232-3

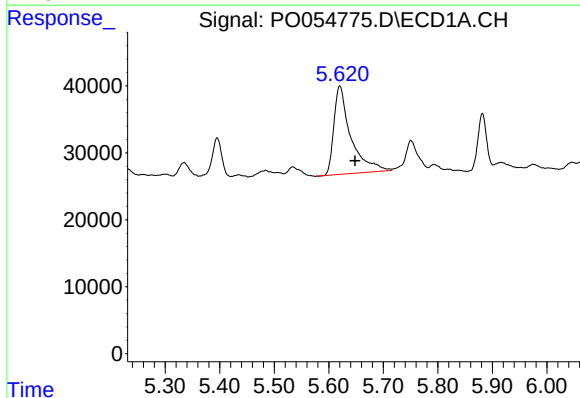
R.T.: 0.000 min  
Exp R.T.: 5.488 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
30099-30100-OW-6RE



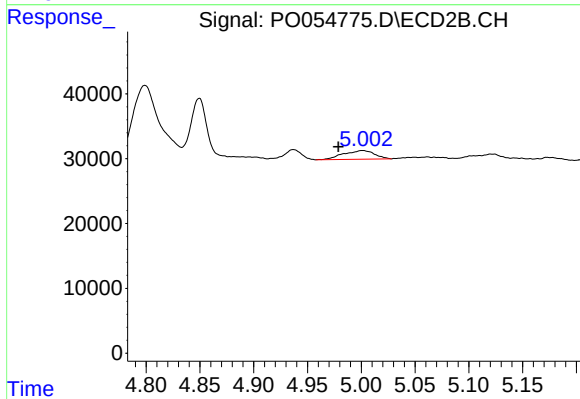
#13 AR-1232-3

R.T.: 4.937 min  
Delta R.T.: 0.040 min  
Response: 13528  
Conc: 27.92 ng/ml



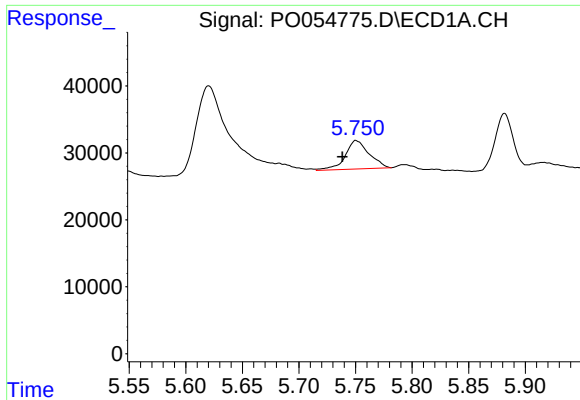
#14 AR-1232-4

R.T.: 5.620 min  
Delta R.T.: -0.028 min  
Response: 284996  
Conc: 556.79 ng/ml



#14 AR-1232-4

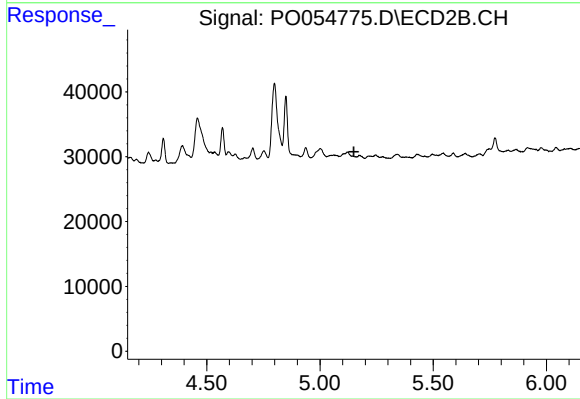
R.T.: 5.002 min  
Delta R.T.: 0.023 min  
Response: 26664  
Conc: 60.68 ng/ml



#15 AR-1232-5

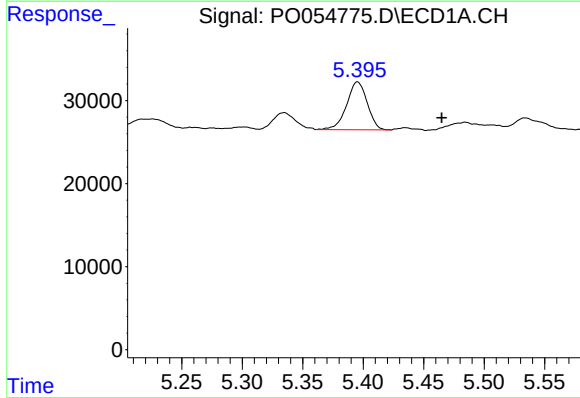
R.T.: 5.751 min  
Delta R.T.: 0.012 min  
Response: 62747  
Conc: 150.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30099-30100-OW-6RE



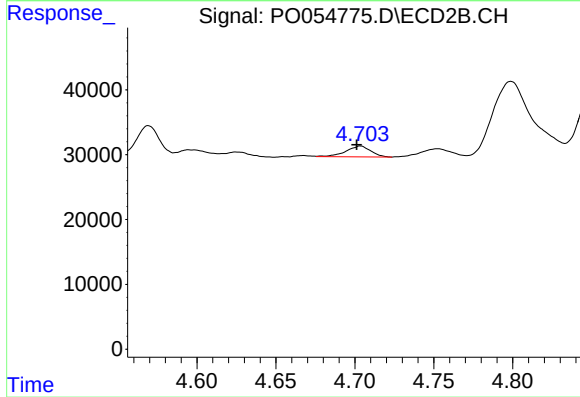
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.150 min  
Response: 0  
Conc: N.D.



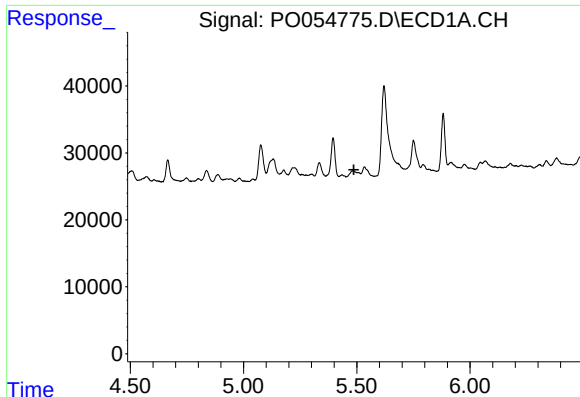
#16 AR-1242-1

R.T.: 5.395 min  
Delta R.T.: -0.070 min  
Response: 68263  
Conc: 49.13 ng/ml



#16 AR-1242-1

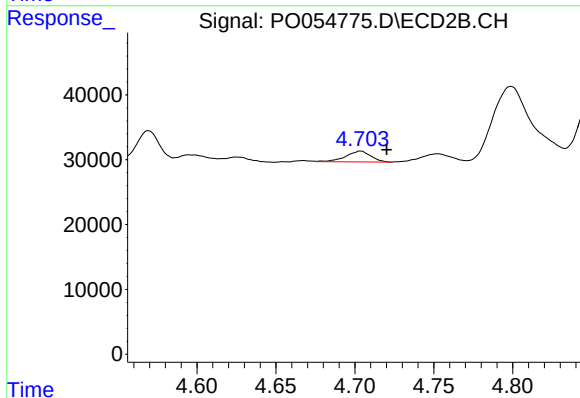
R.T.: 4.704 min  
Delta R.T.: 0.003 min  
Response: 18377  
Conc: 14.97 ng/ml



#17 AR-1242-2

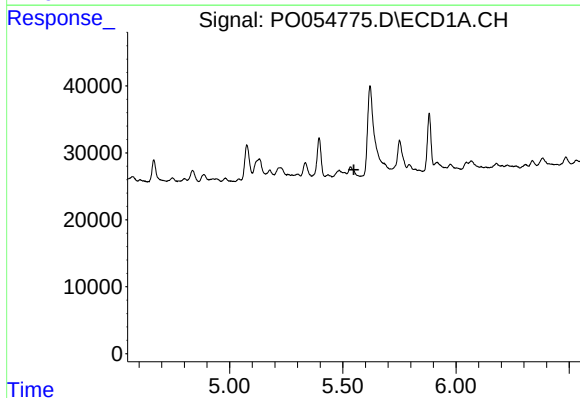
R.T.: 0.000 min  
Exp R.T.: 5.487 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
30099-30100-OW-6RE



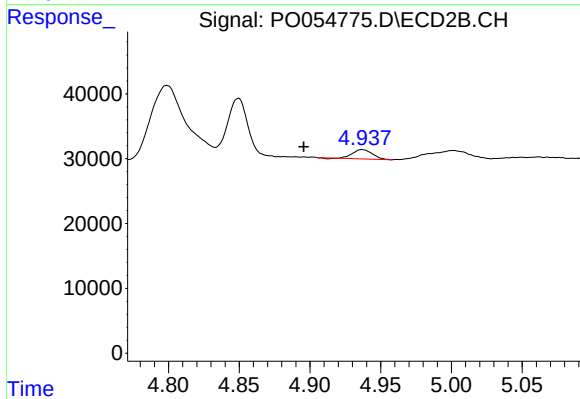
#17 AR-1242-2

R.T.: 4.704 min  
Delta R.T.: -0.017 min  
Response: 18377  
Conc: 11.09 ng/ml



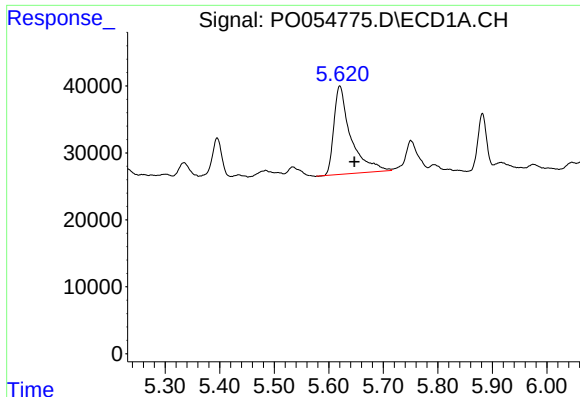
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.549 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

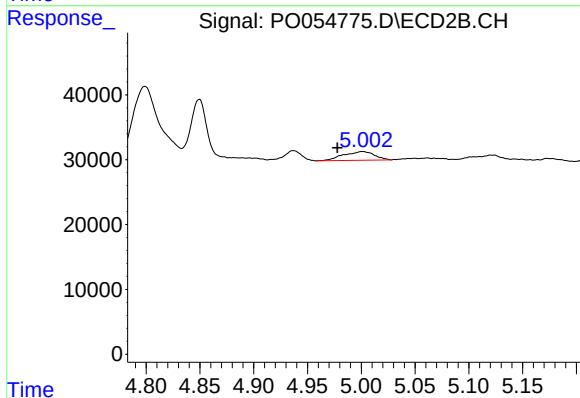
R.T.: 4.937 min  
Delta R.T.: 0.041 min  
Response: 13528  
Conc: 14.28 ng/ml



#19 AR-1242-4

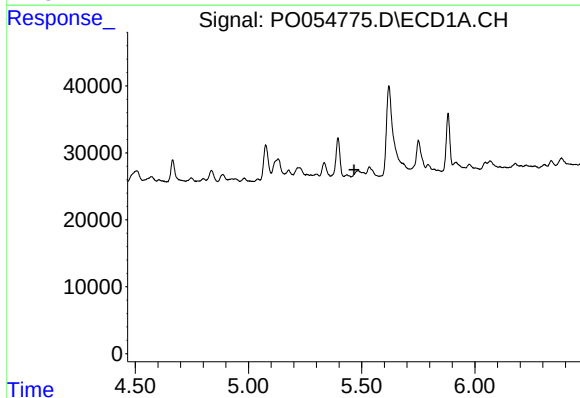
R.T.: 5.620 min  
Delta R.T.: -0.027 min  
Response: 284996  
Conc: 279.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30099-30100-OW-6RE



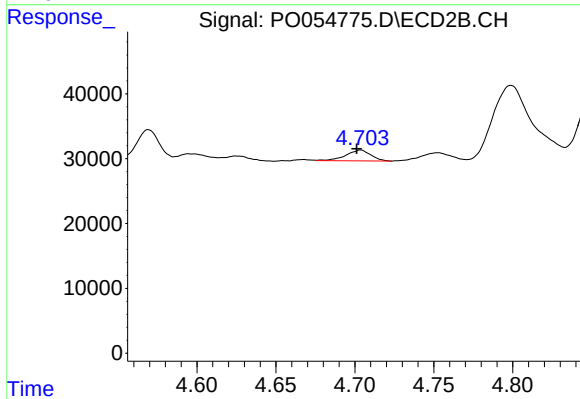
#19 AR-1242-4

R.T.: 5.002 min  
Delta R.T.: 0.024 min  
Response: 26664  
Conc: 27.90 ng/ml



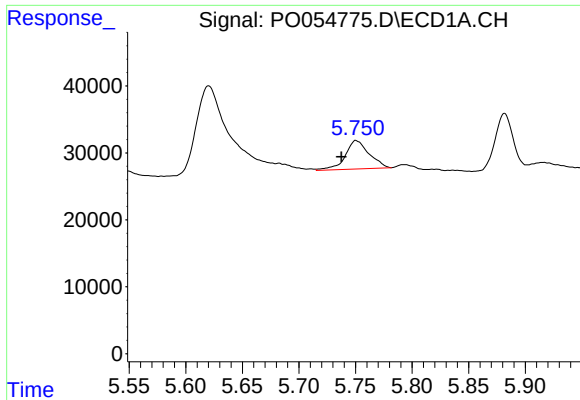
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.466 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

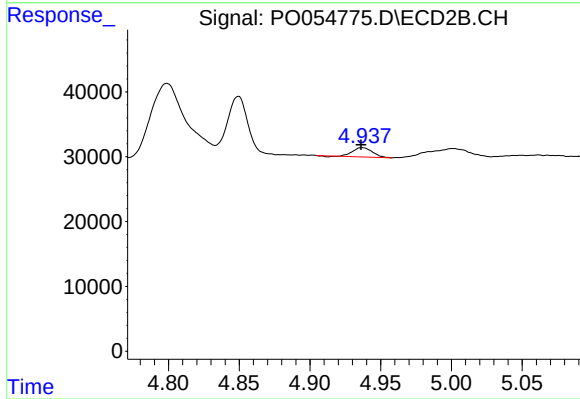
R.T.: 4.704 min  
Delta R.T.: 0.002 min  
Response: 18377  
Conc: 20.94 ng/ml



#22 AR-1248-2

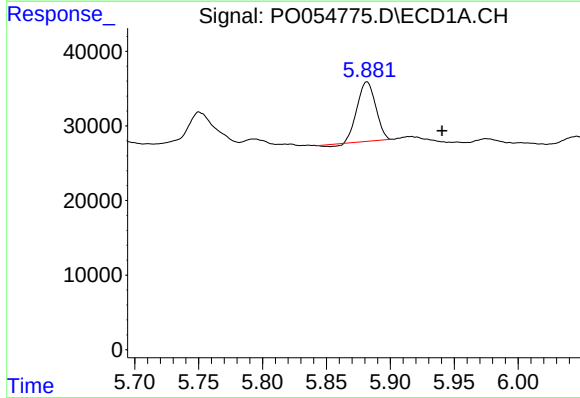
R.T.: 5.751 min  
Delta R.T.: 0.013 min  
Response: 62747  
Conc: 43.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30099-30100-OW-6RE



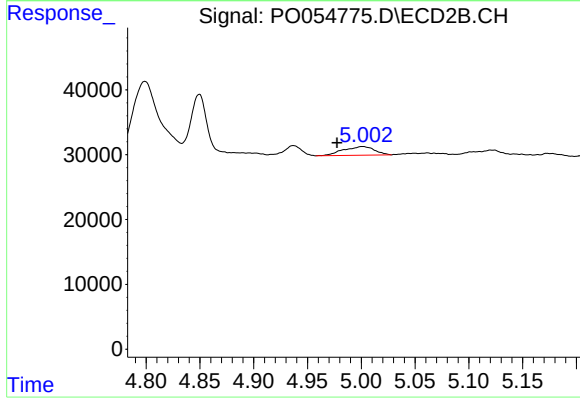
#22 AR-1248-2

R.T.: 4.937 min  
Delta R.T.: 0.000 min  
Response: 13528  
Conc: 11.19 ng/ml



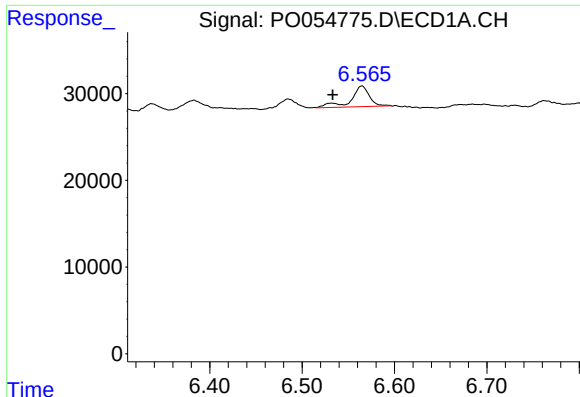
#23 AR-1248-3

R.T.: 5.882 min  
Delta R.T.: -0.059 min  
Response: 79012  
Conc: 49.47 ng/ml



#23 AR-1248-3

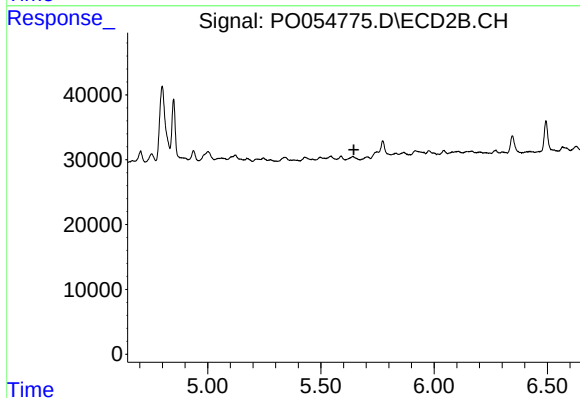
R.T.: 5.002 min  
Delta R.T.: 0.024 min  
Response: 26664  
Conc: 21.37 ng/ml



#27 AR-1254-2

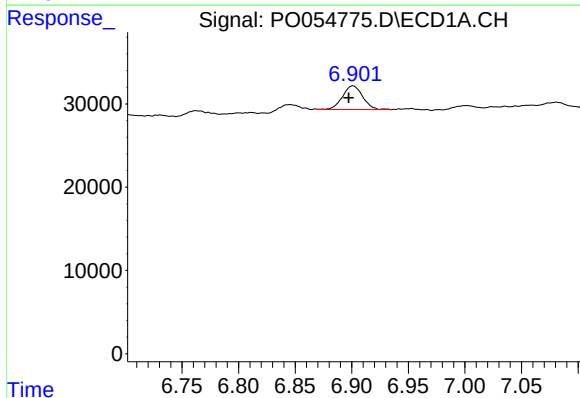
R.T.: 6.565 min  
Delta R.T.: 0.032 min  
Response: 33056  
Conc: 11.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30099-30100-OW-6RE



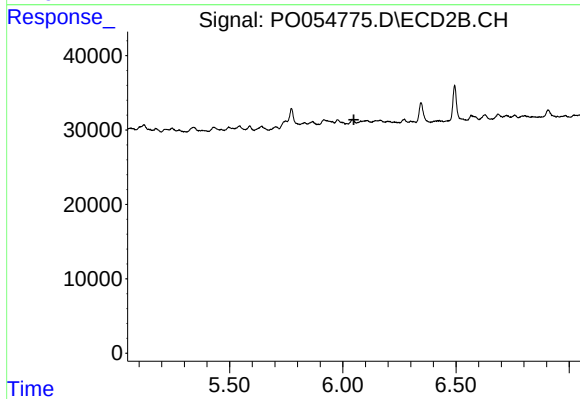
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.646 min  
Response: 0  
Conc: N.D.



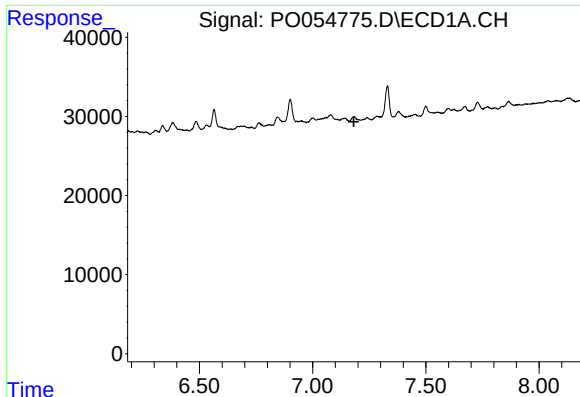
#28 AR-1254-3

R.T.: 6.901 min  
Delta R.T.: 0.004 min  
Response: 35614  
Conc: 11.33 ng/ml



#28 AR-1254-3

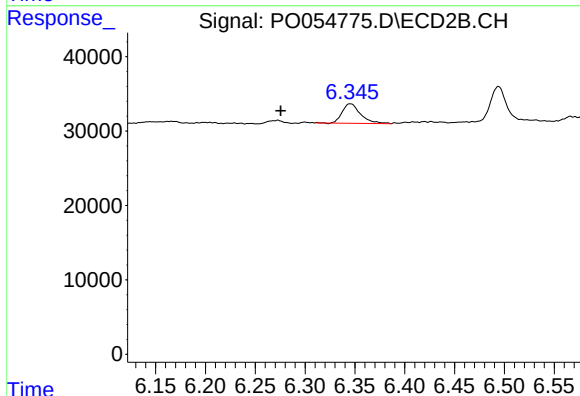
R.T.: 0.000 min  
Exp R.T. : 6.049 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

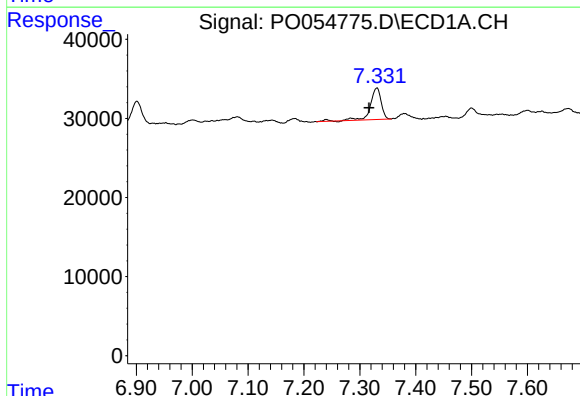
R.T.: 0.000 min  
Exp R.T.: 7.182 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
30099-30100-OW-6RE



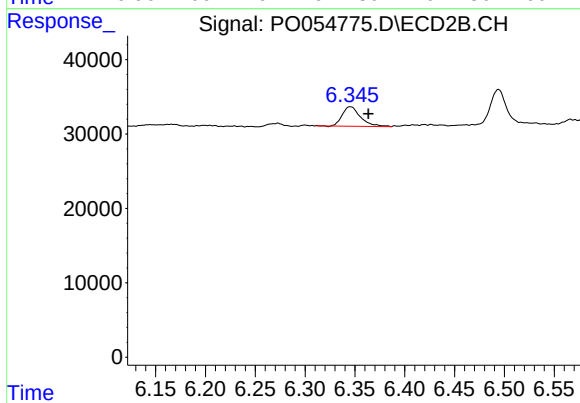
#29 AR-1254-4

R.T.: 6.345 min  
Delta R.T.: 0.070 min  
Response: 33269  
Conc: 16.99 ng/ml



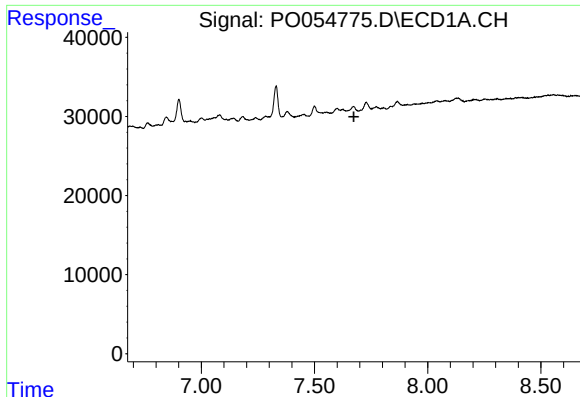
#32 AR-1260-2

R.T.: 7.331 min  
Delta R.T.: 0.014 min  
Response: 54003  
Conc: 17.40 ng/ml



#32 AR-1260-2

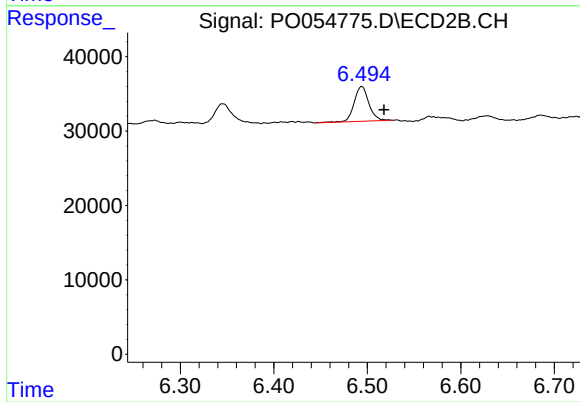
R.T.: 6.345 min  
Delta R.T.: -0.018 min  
Response: 33269  
Conc: 12.09 ng/ml



#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.674 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
30099-30100-OW-6RE



#33 AR-1260-3

R.T.: 6.494 min  
Delta R.T.: -0.024 min  
Response: 51304  
Conc: 19.90 ng/ml