

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0012319\  
 Data File : P0053546.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 23 Jan 2019 18:23  
 Operator : SM/SJ  
 Sample : PB116446BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 23 23:53:19 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0012319.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jan 23 12:54:56 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... | 4.126 | 3.179 | 28392503 | 4357087 | 29.419   | 21.290 #   |
| 2)                          | SA Decachlor... | 9.544 | 7.803 | 14805270 | 4438038 | 19.872   | 21.036     |
| Target Compounds            |                 |       |       |          |         |          |            |
| 3)                          | L1 AR-1016-1    | 5.266 | 0.000 | 48512    | 0       | 1.807    | N.D. #     |
| 4)                          | L1 AR-1016-2    | 5.266 | 0.000 | 48512    | 0       | 1.232    | N.D. #     |
| 7)                          | L1 AR-1016-5    | 0.000 | 4.606 | 0        | 4515351 | N.D.     | 710.649 #  |
| 8)                          | L2 AR-1221-1    | 0.000 | 3.328 | 0        | 199467  | N.D.     | 87.680 #   |
| 9)                          | L2 AR-1221-2    | 4.423 | 0.000 | 286458   | 0       | 36.453   | N.D. #     |
| 13)                         | L3 AR-1232-3    | 5.266 | 0.000 | 48512    | 0       | 2.443    | N.D. #     |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.606 | 0        | 4515351 | N.D.     | 1619.924 # |
| 16)                         | L4 AR-1242-1    | 5.266 | 0.000 | 48512    | 0       | 1.999    | N.D. #     |
| 17)                         | L4 AR-1242-2    | 5.266 | 0.000 | 48512    | 0       | 1.368    | N.D. #     |
| 20)                         | L4 AR-1242-5    | 6.168 | 4.913 | 1338336  | 4643186 | 73.838   | 665.493 #  |
| 21)                         | L5 AR-1248-1    | 5.266 | 0.000 | 48512    | 0       | 2.628    | N.D. #     |
| 24)                         | L5 AR-1248-4    | 6.151 | 4.606 | 2144963  | 4515351 | 70.163   | 511.415 #  |
| 25)                         | L5 AR-1248-5    | 6.168 | 4.913 | 1338336  | 4643186 | 45.332   | 509.356 #  |
| 26)                         | L6 AR-1254-1    | 6.109 | 4.913 | 43732569 | 4643186 | 1383.320 | 313.000 #  |
| 28)                         | L6 AR-1254-3    | 6.712 | 0.000 | 15959875 | 0       | 306.252  | N.D. #     |
| 29)                         | L6 AR-1254-4    | 6.957 | 0.000 | 766516   | 0       | 18.956   | N.D. #     |
| 30)                         | L6 AR-1254-5    | 7.371 | 0.000 | 49520    | 0       | 1.234    | N.D. #     |
| 31)                         | L7 AR-1260-1    | 6.833 | 0.000 | 4647500  | 0       | 140.593  | N.D. #     |
| 32)                         | L7 AR-1260-2    | 0.000 | 5.700 | 0        | 992465  | N.D.     | 63.462 #   |
| 33)                         | L7 AR-1260-3    | 7.397 | 0.000 | 88163    | 0       | 3.174    | N.D. #     |
| 35)                         | L7 AR-1260-5    | 7.989 | 0.000 | 183609   | 0       | 2.804    | N.D. #     |
| 36)                         | L8 AR-1262-1    | 7.397 | 0.000 | 88163    | 0       | 1.572    | N.D. #     |
| 37)                         | L8 AR-1262-2    | 7.989 | 0.000 | 183609   | 0       | 1.883    | N.D. #     |
| -----                       |                 |       |       |          |         |          |            |

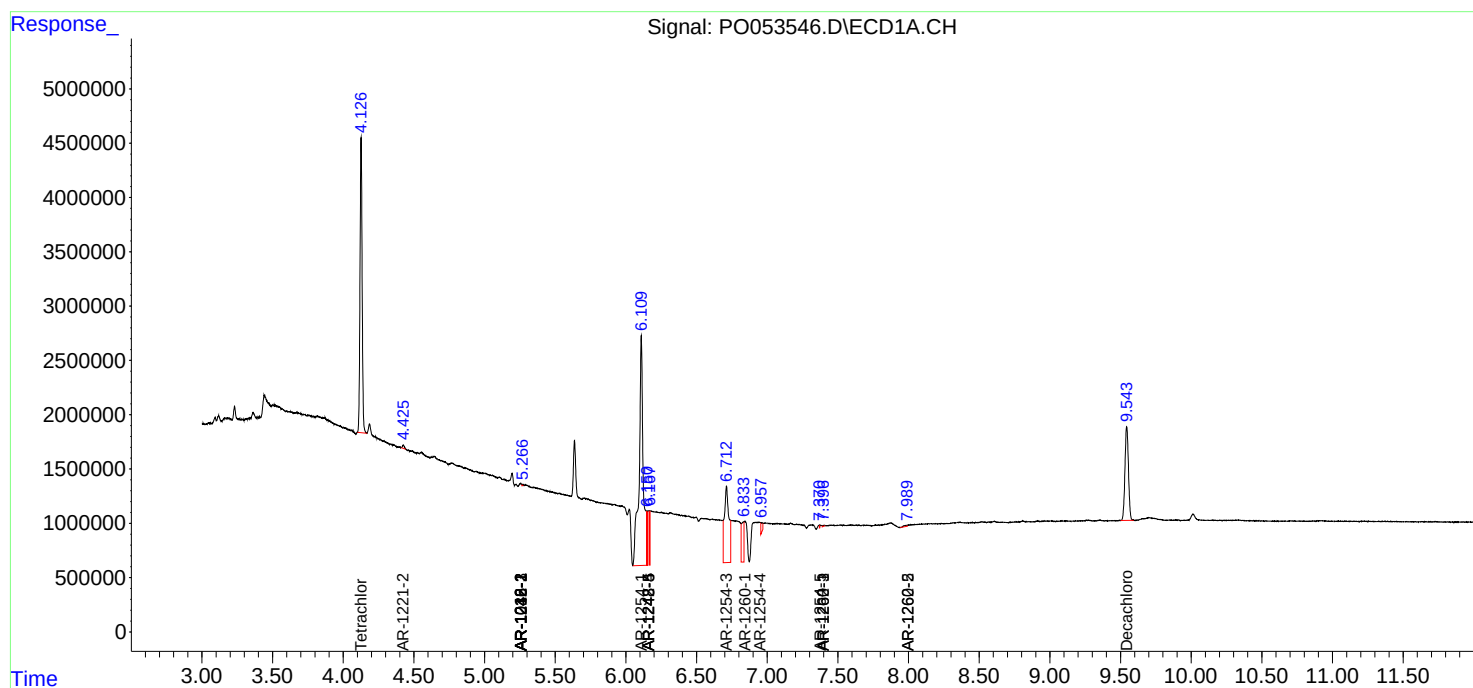
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

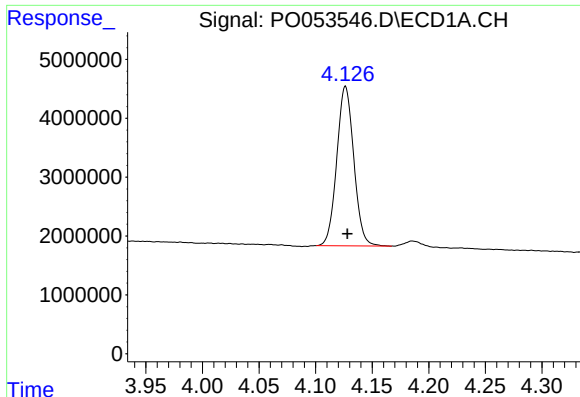
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0012319\  
Data File : P0053546.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 23 Jan 2019 18:23  
Operator : SM/SJ  
Sample : PB116446BS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 23 23:53:19 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0012319.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jan 23 12:54:56 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

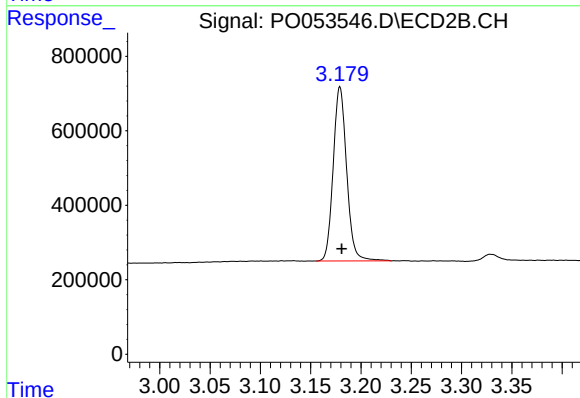




#1 Tetrachloro-m-xylene

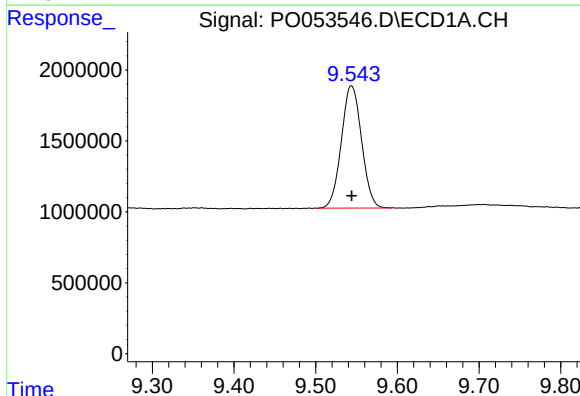
R.T.: 4.126 min  
Delta R.T.: -0.002 min  
Response: 28392503  
Conc: 29.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



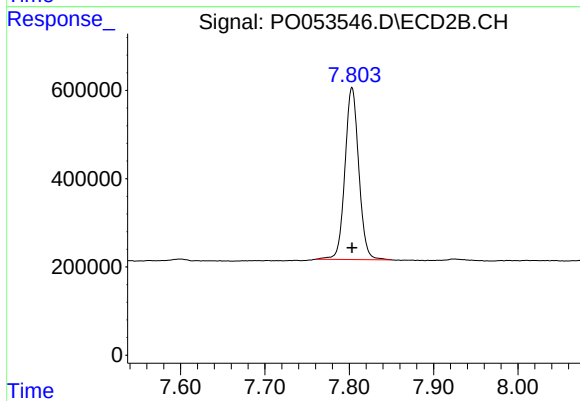
#1 Tetrachloro-m-xylene

R.T.: 3.179 min  
Delta R.T.: -0.002 min  
Response: 4357087  
Conc: 21.29 ng/ml



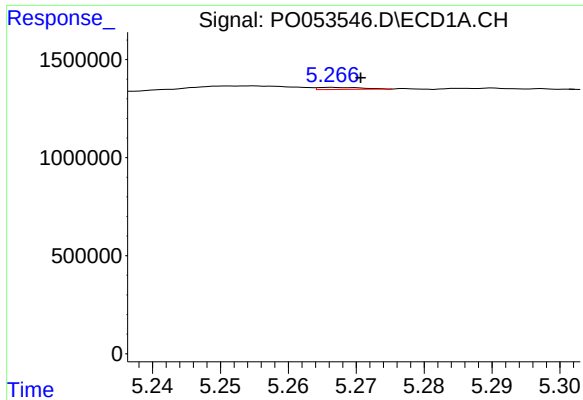
#2 Decachlorobiphenyl

R.T.: 9.544 min  
Delta R.T.: 0.000 min  
Response: 14805270  
Conc: 19.87 ng/ml



#2 Decachlorobiphenyl

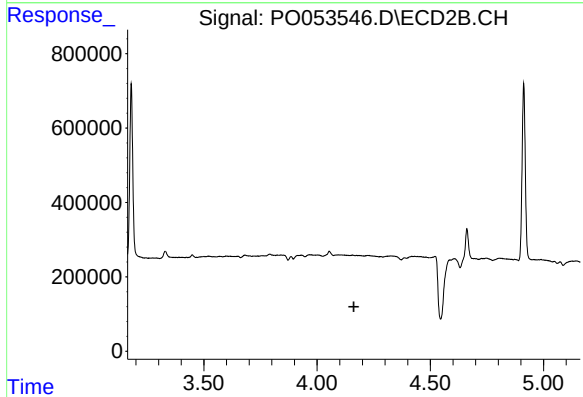
R.T.: 7.803 min  
Delta R.T.: 0.000 min  
Response: 4438038  
Conc: 21.04 ng/ml



#3 AR-1016-1

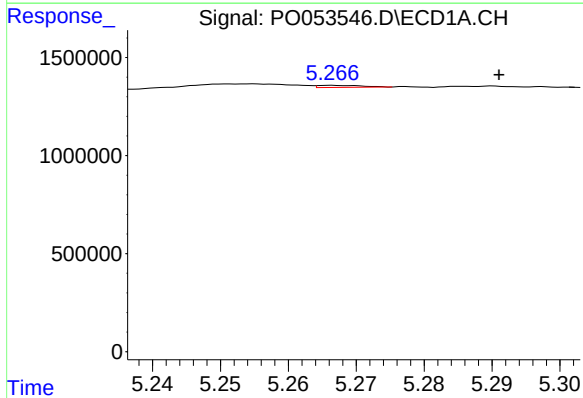
R.T.: 5.266 min  
Delta R.T.: -0.004 min  
Response: 48512  
Conc: 1.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



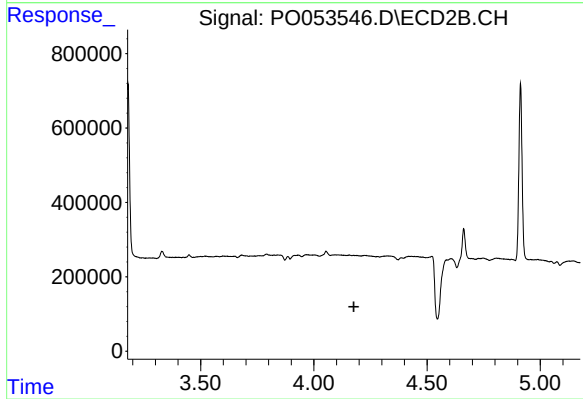
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.162 min  
Response: 0  
Conc: N.D.



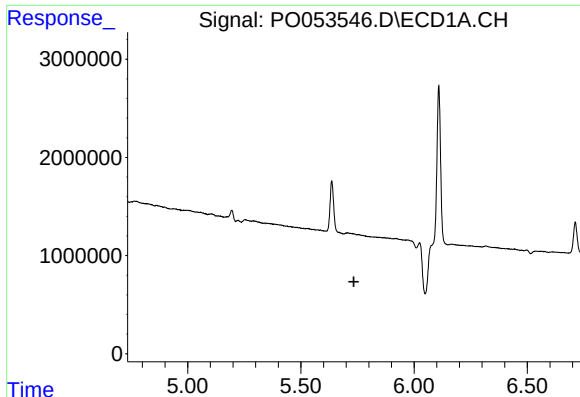
#4 AR-1016-2

R.T.: 5.266 min  
Delta R.T.: -0.025 min  
Response: 48512  
Conc: 1.23 ng/ml



#4 AR-1016-2

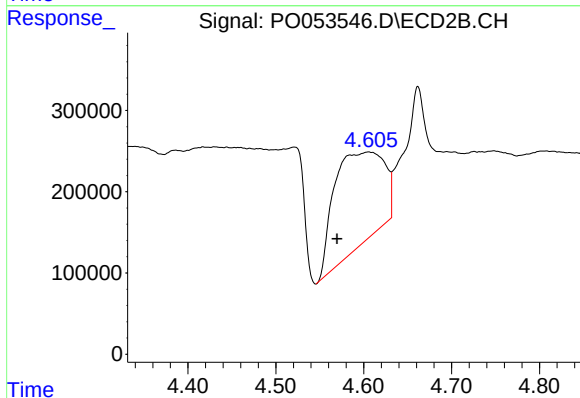
R.T.: 0.000 min  
Exp R.T. : 4.177 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

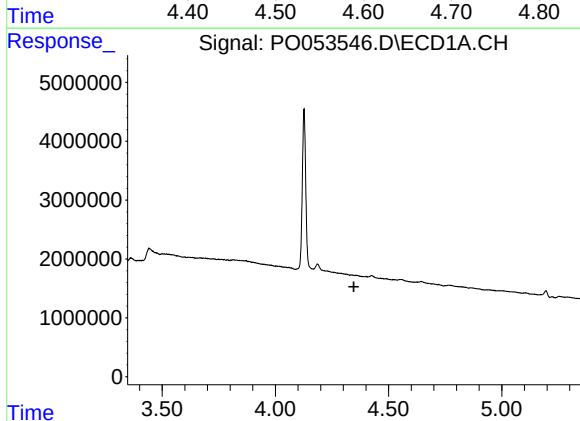
R.T.: 0.000 min  
Exp R.T.: 5.735 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



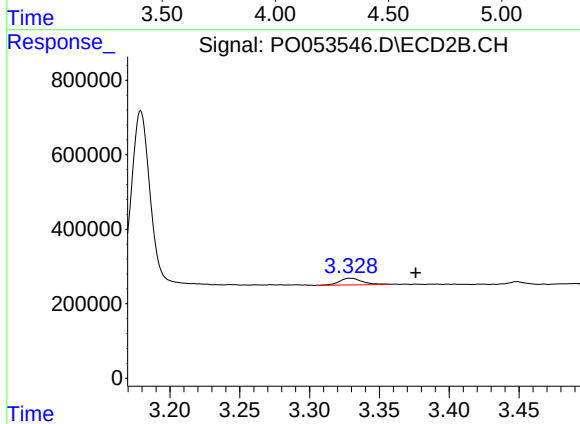
#7 AR-1016-5

R.T.: 4.606 min  
Delta R.T.: 0.036 min  
Response: 4515351  
Conc: 710.65 ng/ml



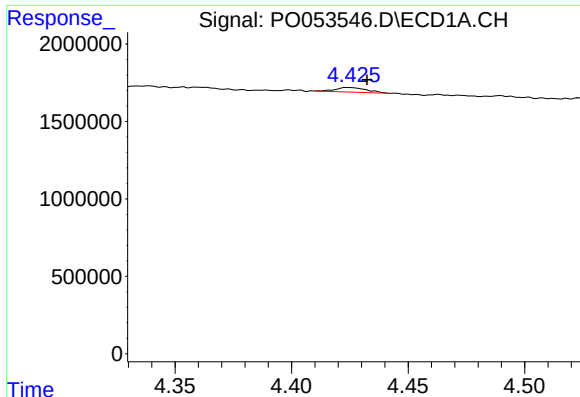
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T.: 4.347 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

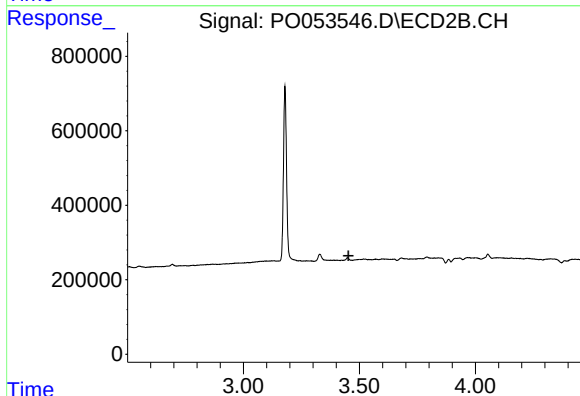
R.T.: 3.328 min  
Delta R.T.: -0.048 min  
Response: 199467  
Conc: 87.68 ng/ml



#9 AR-1221-2

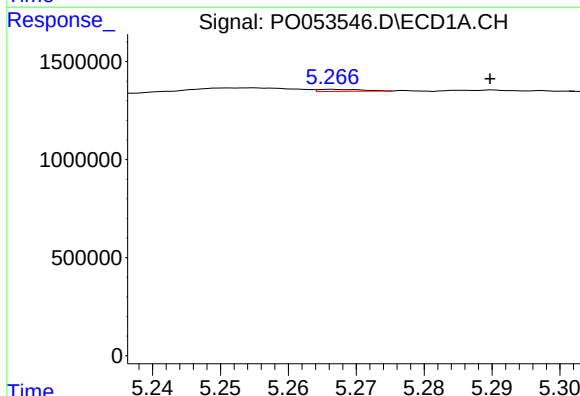
R.T.: 4.423 min  
Delta R.T.: -0.009 min  
Response: 286458  
Conc: 36.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



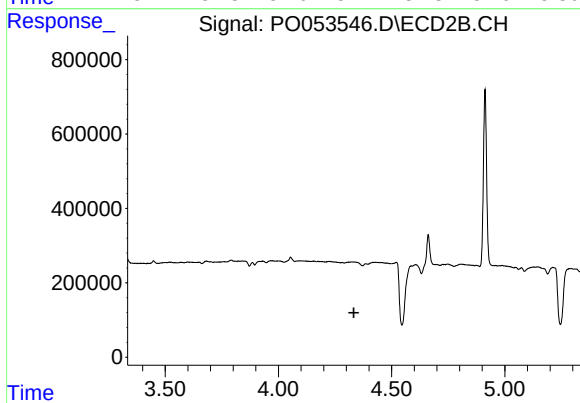
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 3.453 min  
Response: 0  
Conc: N.D.



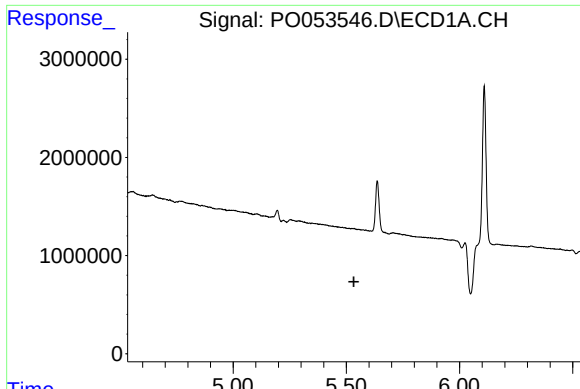
#13 AR-1232-3

R.T.: 5.266 min  
Delta R.T.: -0.023 min  
Response: 48512  
Conc: 2.44 ng/ml



#13 AR-1232-3

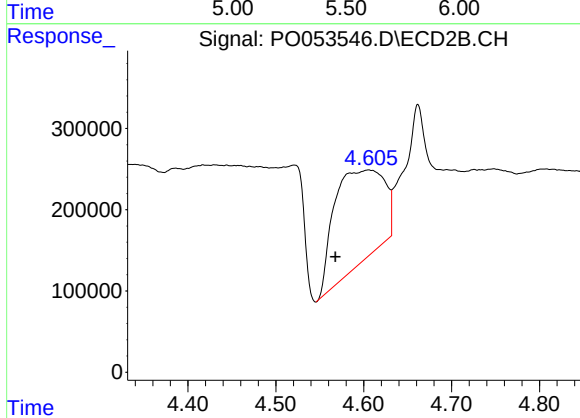
R.T.: 0.000 min  
Exp R.T. : 4.334 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

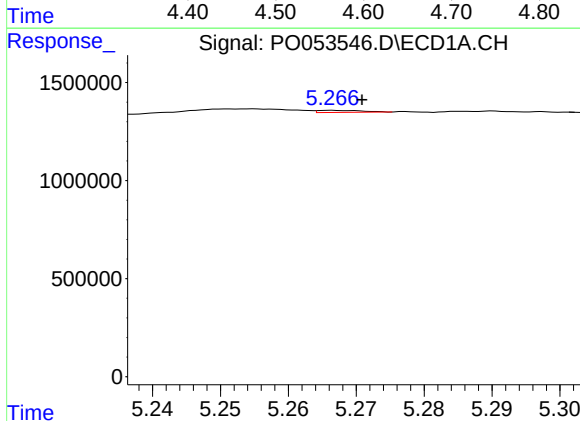
R.T.: 0.000 min  
Exp R.T.: 5.533 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



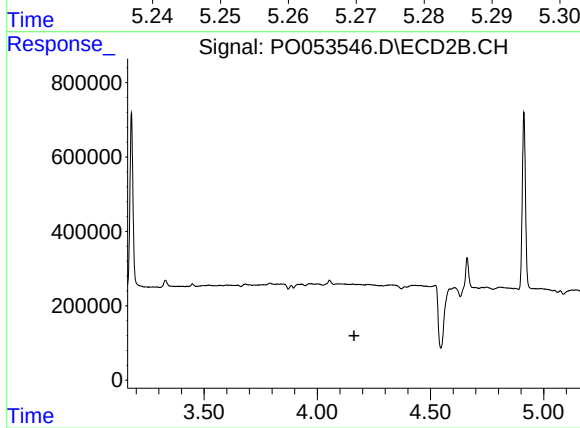
#15 AR-1232-5

R.T.: 4.606 min  
Delta R.T.: 0.038 min  
Response: 4515351  
Conc: 1619.92 ng/ml



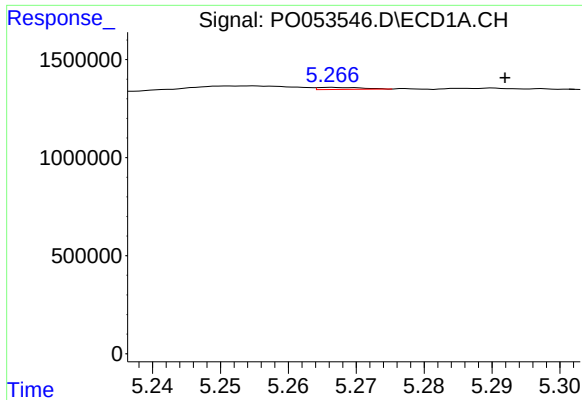
#16 AR-1242-1

R.T.: 5.266 min  
Delta R.T.: -0.005 min  
Response: 48512  
Conc: 2.00 ng/ml



#16 AR-1242-1

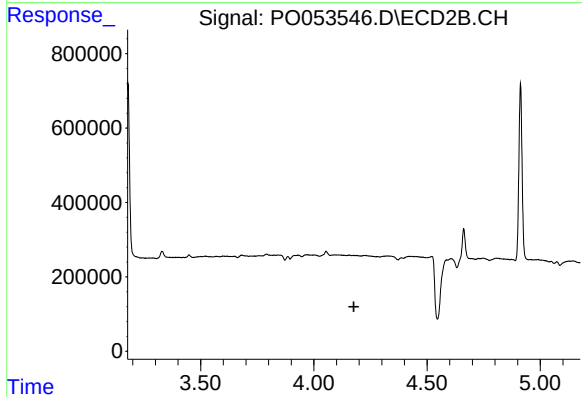
R.T.: 0.000 min  
Exp R.T.: 4.162 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

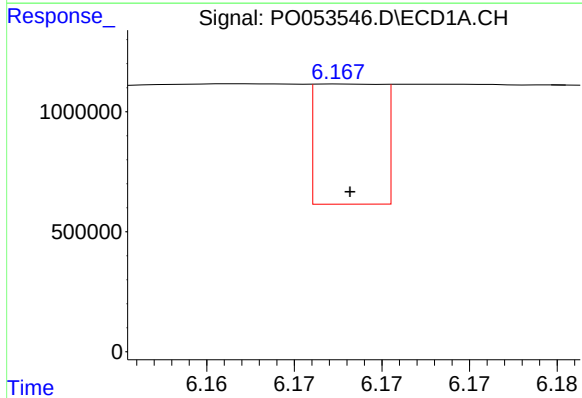
R.T.: 5.266 min  
Delta R.T.: -0.026 min  
Response: 48512  
Conc: 1.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



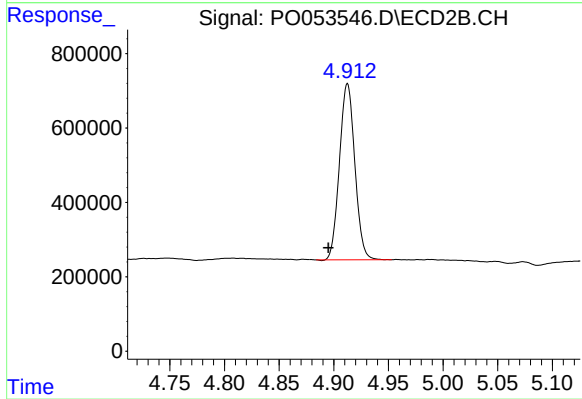
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 4.176 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

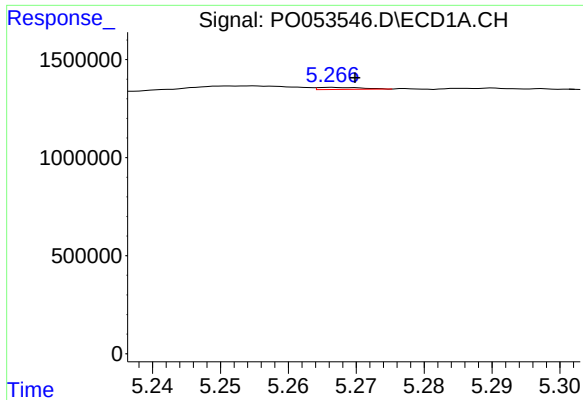
R.T.: 6.168 min  
Delta R.T.: 0.000 min  
Response: 1338336  
Conc: 73.84 ng/ml



#20 AR-1242-5

R.T.: 4.913 min  
Delta R.T.: 0.018 min  
Response: 4643186  
Conc: 665.49 ng/ml

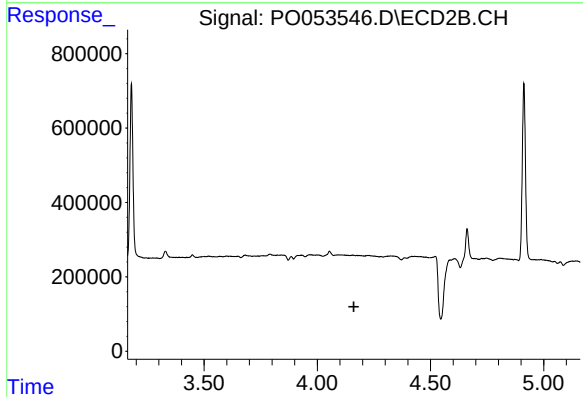




#21 AR-1248-1

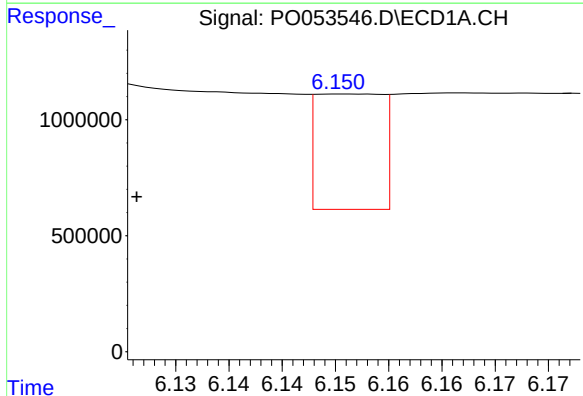
R.T.: 5.266 min  
Delta R.T.: -0.004 min  
Response: 48512  
Conc: 2.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



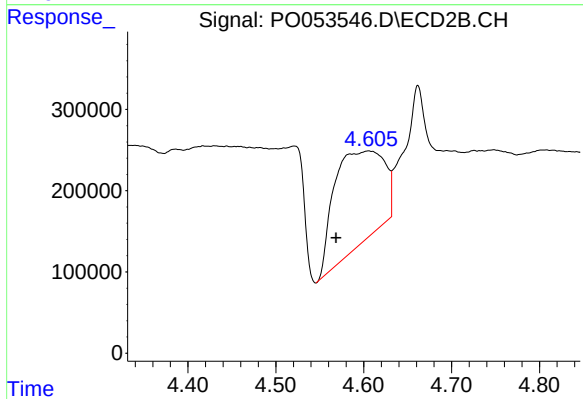
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.162 min  
Response: 0  
Conc: N.D.



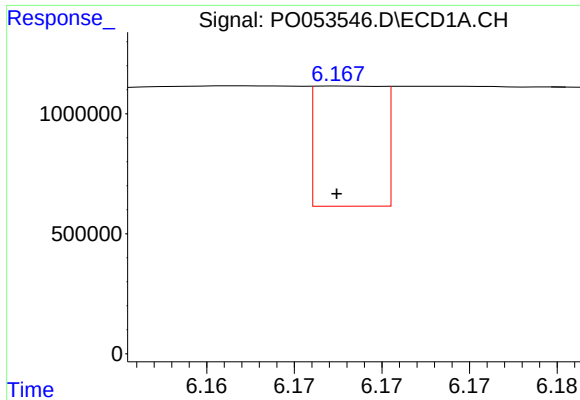
#24 AR-1248-4

R.T.: 6.151 min  
Delta R.T.: 0.019 min  
Response: 2144963  
Conc: 70.16 ng/ml



#24 AR-1248-4

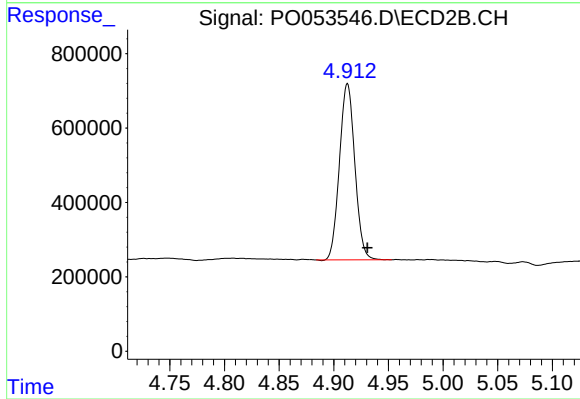
R.T.: 4.606 min  
Delta R.T.: 0.037 min  
Response: 4515351  
Conc: 511.42 ng/ml



#25 AR-1248-5

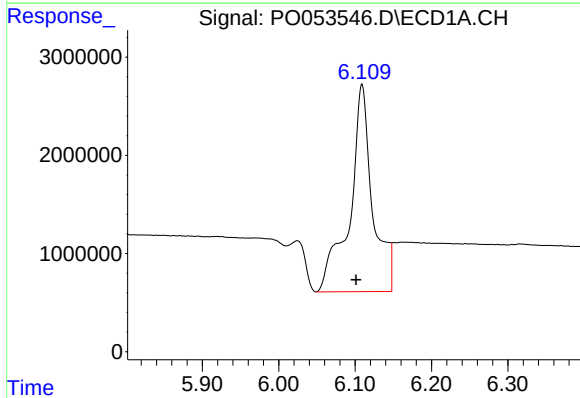
R.T.: 6.168 min  
Delta R.T.: 0.000 min  
Response: 1338336  
Conc: 45.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



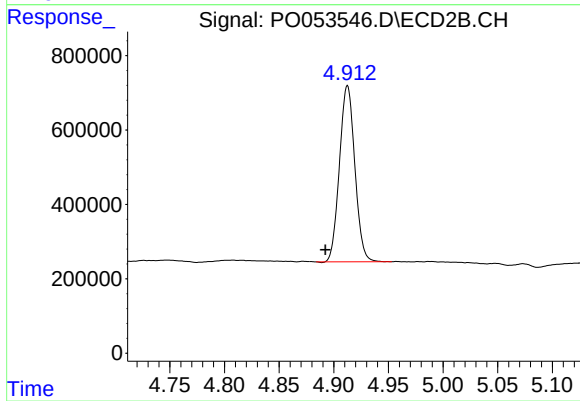
#25 AR-1248-5

R.T.: 4.913 min  
Delta R.T.: -0.018 min  
Response: 4643186  
Conc: 509.36 ng/ml



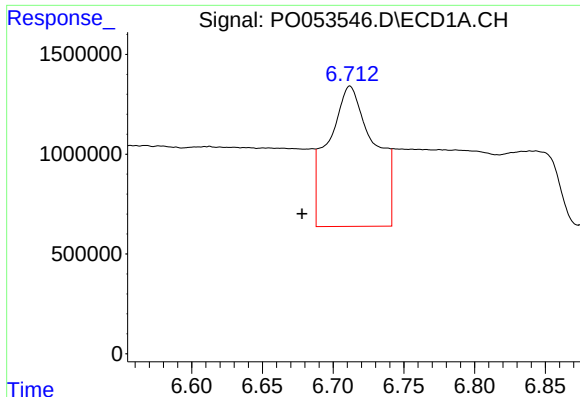
#26 AR-1254-1

R.T.: 6.109 min  
Delta R.T.: 0.008 min  
Response: 43732569  
Conc: 1383.32 ng/ml



#26 AR-1254-1

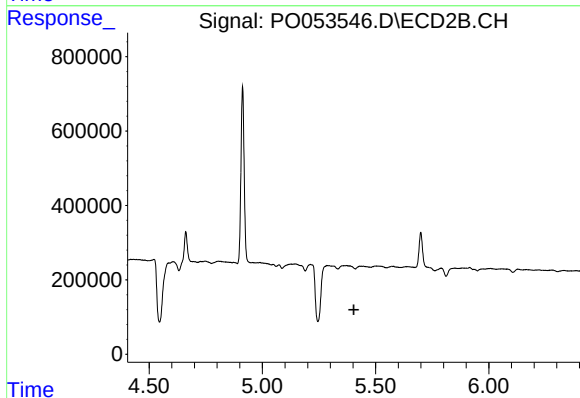
R.T.: 4.913 min  
Delta R.T.: 0.020 min  
Response: 4643186  
Conc: 313.00 ng/ml



#28 AR-1254-3

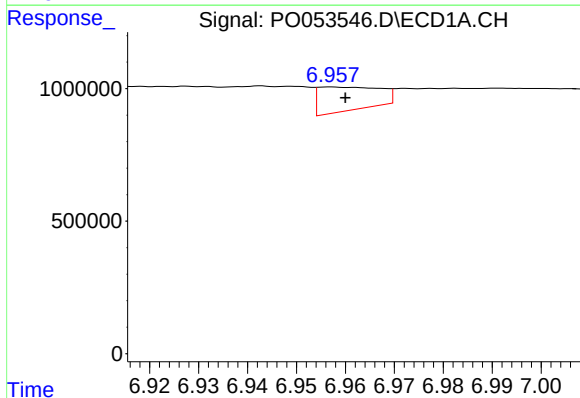
R.T.: 6.712 min  
Delta R.T.: 0.034 min  
Response: 15959875  
Conc: 306.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



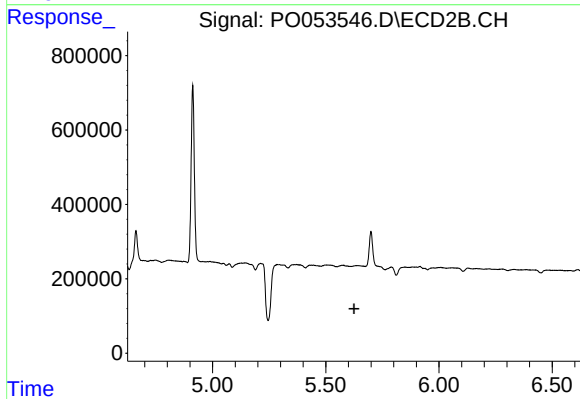
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.404 min  
Response: 0  
Conc: N.D.



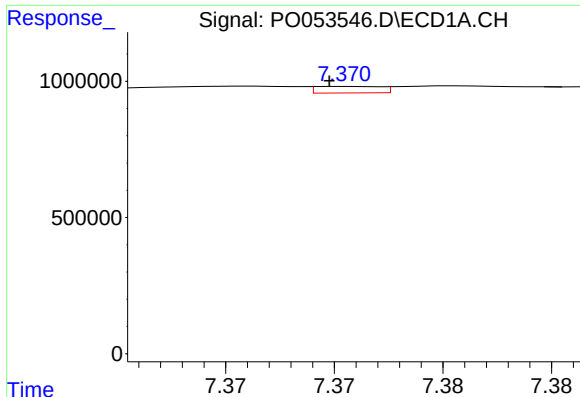
#29 AR-1254-4

R.T.: 6.957 min  
Delta R.T.: -0.003 min  
Response: 766516  
Conc: 18.96 ng/ml



#29 AR-1254-4

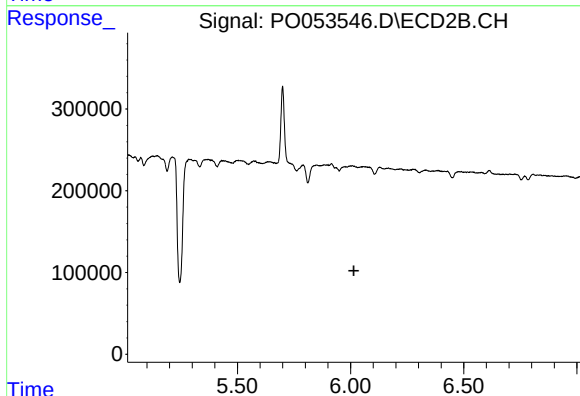
R.T.: 0.000 min  
Exp R.T. : 5.625 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

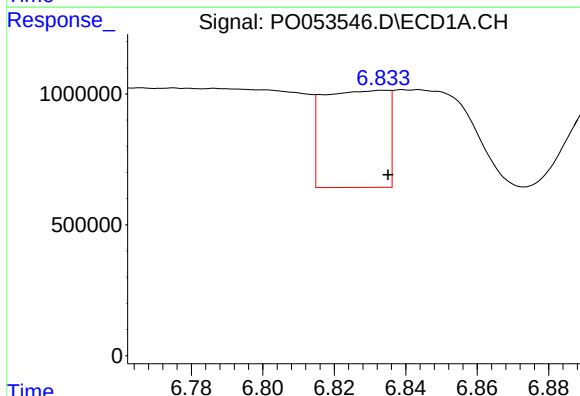
R.T.: 7.371 min  
Delta R.T.: 0.000 min  
Response: 49520  
Conc: 1.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



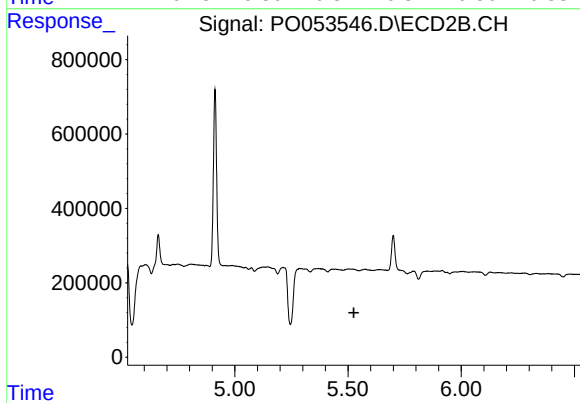
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 6.015 min  
Response: 0  
Conc: N.D.



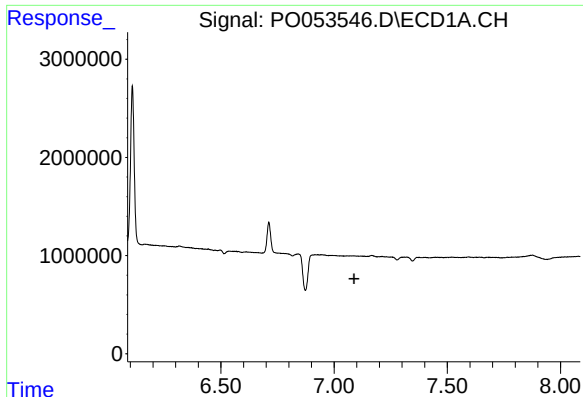
#31 AR-1260-1

R.T.: 6.833 min  
Delta R.T.: -0.002 min  
Response: 4647500  
Conc: 140.59 ng/ml



#31 AR-1260-1

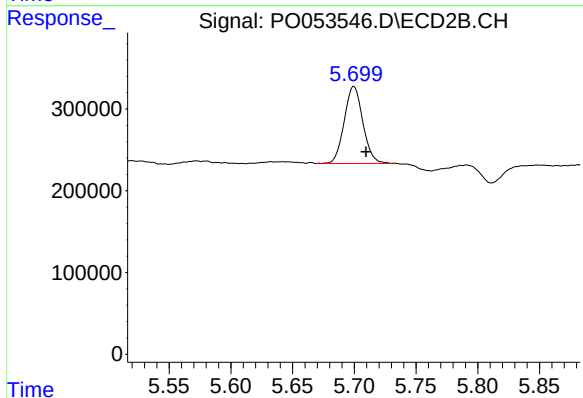
R.T.: 0.000 min  
Exp R.T. : 5.526 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

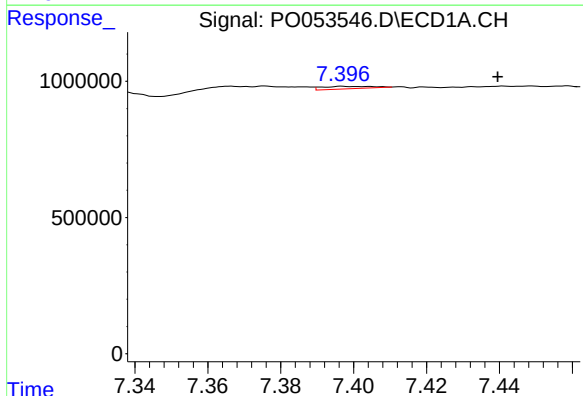
R.T.: 0.000 min  
Exp R.T.: 7.088 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



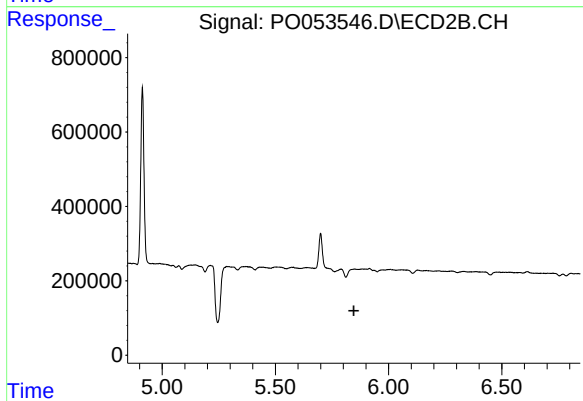
#32 AR-1260-2

R.T.: 5.700 min  
Delta R.T.: -0.010 min  
Response: 992465  
Conc: 63.46 ng/ml



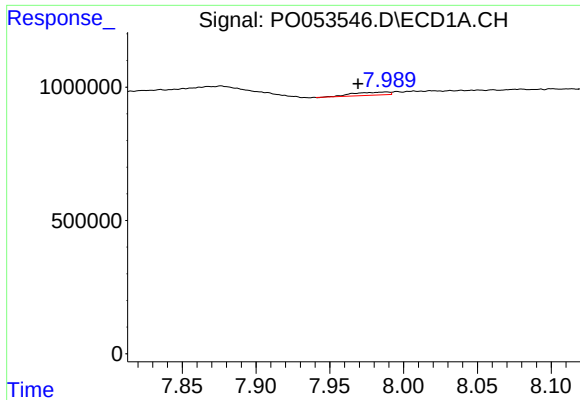
#33 AR-1260-3

R.T.: 7.397 min  
Delta R.T.: -0.043 min  
Response: 88163  
Conc: 3.17 ng/ml



#33 AR-1260-3

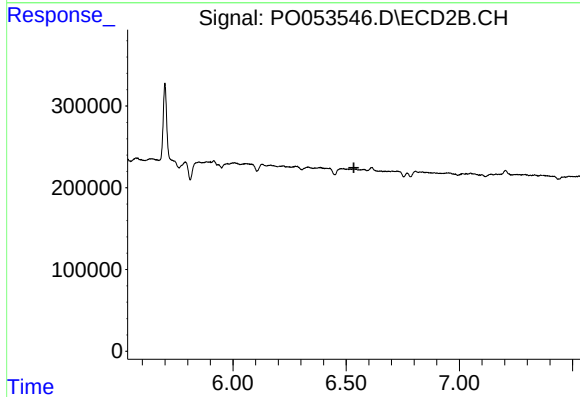
R.T.: 0.000 min  
Exp R.T.: 5.846 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

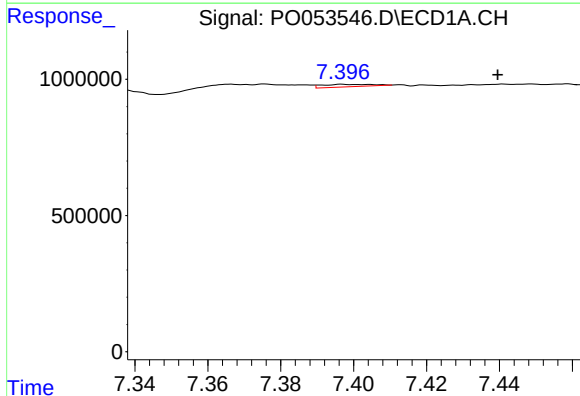
R.T.: 7.989 min  
Delta R.T.: 0.019 min  
Response: 183609  
Conc: 2.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



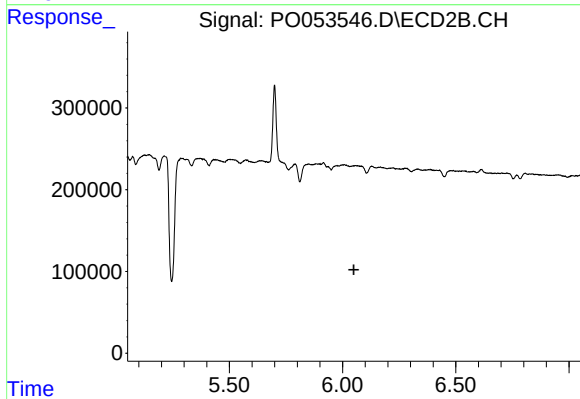
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 6.534 min  
Response: 0  
Conc: N.D.



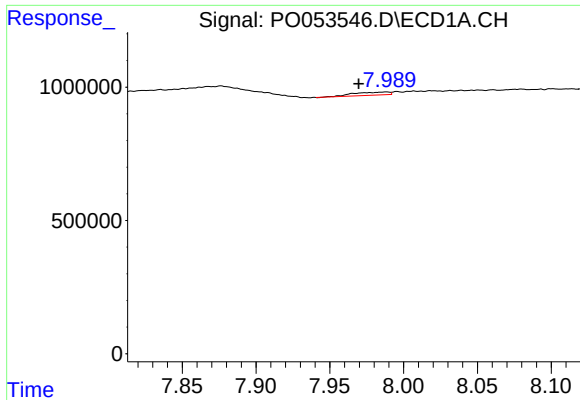
#36 AR-1262-1

R.T.: 7.397 min  
Delta R.T.: -0.043 min  
Response: 88163  
Conc: 1.57 ng/ml



#36 AR-1262-1

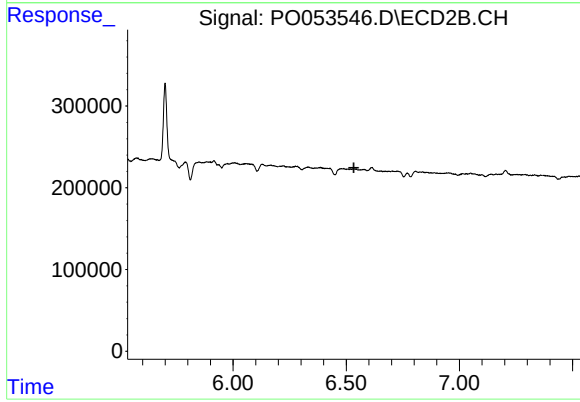
R.T.: 0.000 min  
Exp R.T. : 6.050 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

R.T.: 7.989 min  
Delta R.T.: 0.019 min  
Response: 183609  
Conc: 1.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 6.534 min  
Response: 0  
Conc: N.D.