

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121018\  
 Data File : PO052390.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Dec 2018 18:13  
 Operator : SM/SJ  
 Sample : J6196-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 11 02:59:22 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO120318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Dec 04 03:10:39 2018  
 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... | 4.270 | 3.289 | 15245237 | 4201851 | 17.708  | 18.840    |
| 2)                          | SA Decachlor... | 9.838 | 7.981 | 3448398  | 2007335 | 6.891   | 9.629 #   |
| Target Compounds            |                 |       |       |          |         |         |           |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.305 | 0        | 325896  | N.D.    | 45.437 #  |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.305 | 0        | 325896  | N.D.    | 24.873 #  |
| 5)                          | L1 AR-1016-3    | 5.577 | 4.421 | 284129   | 108508  | 13.676  | 18.985 #  |
| 6)                          | L1 AR-1016-4    | 5.577 | 4.547 | 284129   | 993066  | 17.045  | 193.118 # |
| 7)                          | L1 AR-1016-5    | 5.902 | 4.652 | 1986095  | 281431  | 124.142 | 40.714 #  |
| 12)                         | L3 AR-1232-2    | 5.180 | 4.305 | 2183916  | 325896  | 295.067 | 58.103 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.421 | 0        | 108508  | N.D.    | 44.773 #  |
| 14)                         | L3 AR-1232-4    | 5.577 | 4.547 | 284129   | 993066  | 39.462  | 467.489 # |
| 15)                         | L3 AR-1232-5    | 5.760 | 4.652 | 813623   | 281431  | 173.854 | 112.274 # |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.305 | 0        | 325896  | N.D.    | 58.903 #  |
| 17)                         | L4 AR-1242-2    | 0.000 | 4.305 | 0        | 325896  | N.D.    | 30.972 #  |
| 18)                         | L4 AR-1242-3    | 5.577 | 4.421 | 284129   | 108508  | 17.981  | 22.739 #  |
| 19)                         | L4 AR-1242-4    | 5.577 | 4.547 | 284129   | 993066  | 21.063  | 217.271 # |
| 20)                         | L4 AR-1242-5    | 6.301 | 5.039 | 1253372  | 316994  | 88.887  | 49.650 #  |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.305 | 0        | 325896  | N.D.    | 72.540 #  |
| 22)                         | L5 AR-1248-2    | 5.760 | 4.547 | 813623   | 993066  | 43.553  | 151.730 # |
| 23)                         | L5 AR-1248-3    | 5.902 | 4.547 | 1986095  | 993066  | 94.154  | 152.850 # |
| 24)                         | L5 AR-1248-4    | 6.301 | 4.652 | 1253372  | 281431  | 54.592  | 34.101 #  |
| 25)                         | L5 AR-1248-5    | 6.301 | 5.039 | 1253372  | 316994  | 56.473  | 39.050 #  |
| 26)                         | L6 AR-1254-1    | 6.301 | 5.039 | 1253372  | 316994  | 48.507  | 22.714 #  |
| 27)                         | L6 AR-1254-2    | 6.497 | 5.218 | 971381   | 2243053 | 24.349  | 178.322 # |
| 28)                         | L6 AR-1254-3    | 6.862 | 0.000 | 789846   | 0       | 18.819  | N.D. #    |
| 30)                         | L6 AR-1254-5    | 0.000 | 6.171 | 0        | 146773  | N.D.    | 8.709 #   |
| 32)                         | L7 AR-1260-2    | 7.266 | 5.935 | 1827214  | 217227  | 51.869  | 13.011 #  |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.171 | 0        | 146773  | N.D.    | 8.018 #   |
| -----                       |                 |       |       |          |         |         |           |

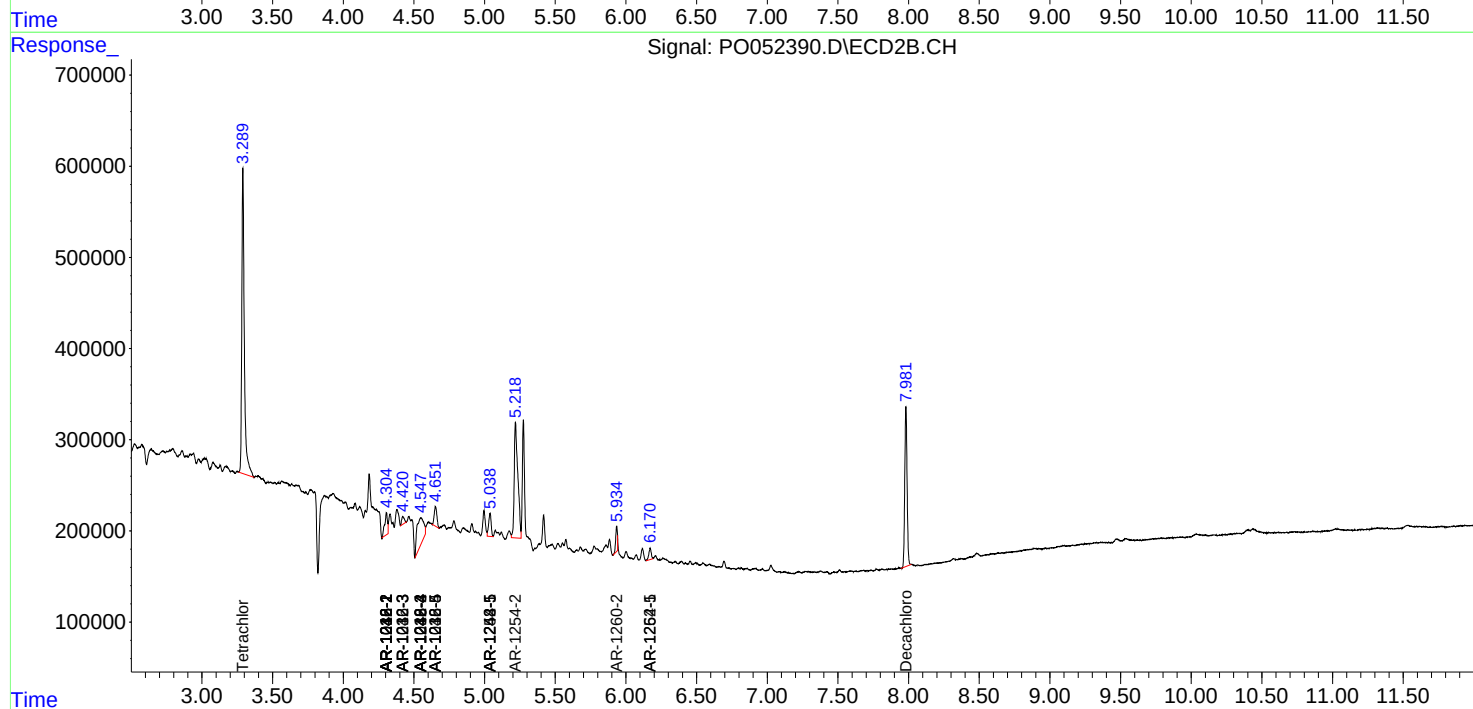
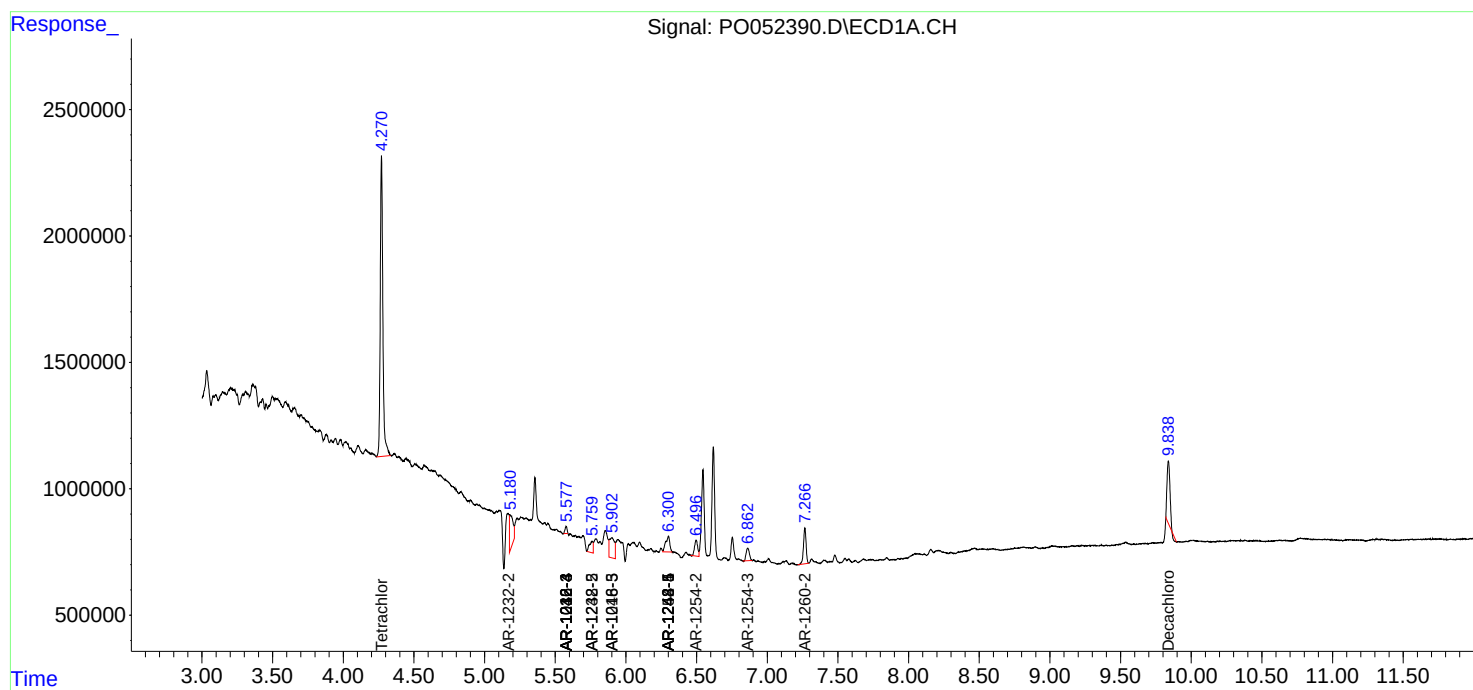
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

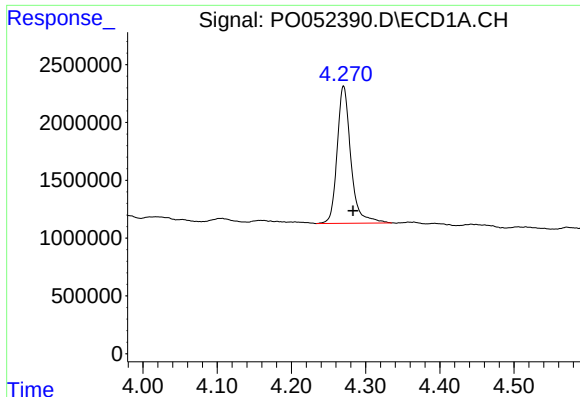
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121018\  
Data File : PO052390.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Dec 2018 18:13  
Operator : SM/SJ  
Sample : J6196-05  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 11 02:59:22 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO120318.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Dec 04 03:10:39 2018  
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

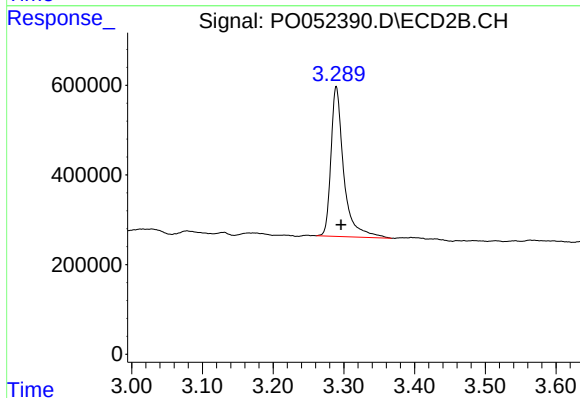




#1 Tetrachloro-m-xylene

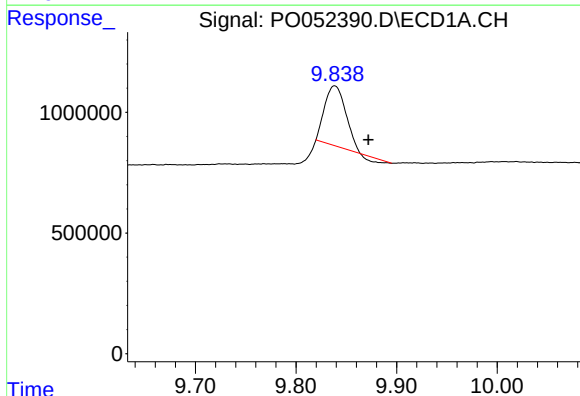
R.T.: 4.270 min  
Delta R.T.: -0.013 min  
Response: 15245237  
Conc: 17.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



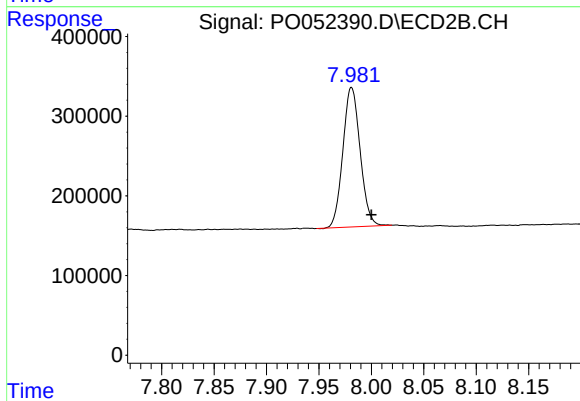
#1 Tetrachloro-m-xylene

R.T.: 3.289 min  
Delta R.T.: -0.007 min  
Response: 4201851  
Conc: 18.84 ng/ml



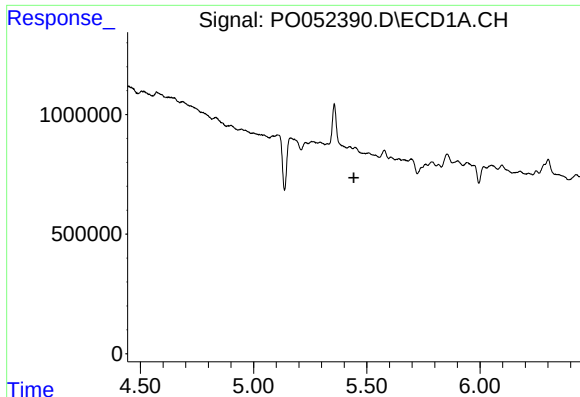
#2 Decachlorobiphenyl

R.T.: 9.838 min  
Delta R.T.: -0.033 min  
Response: 3448398  
Conc: 6.89 ng/ml



#2 Decachlorobiphenyl

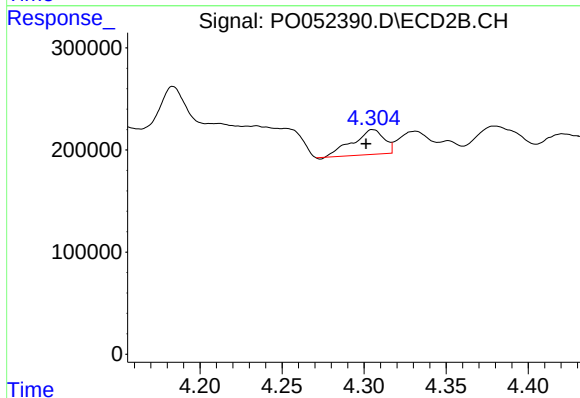
R.T.: 7.981 min  
Delta R.T.: -0.019 min  
Response: 2007335  
Conc: 9.63 ng/ml



#3 AR-1016-1

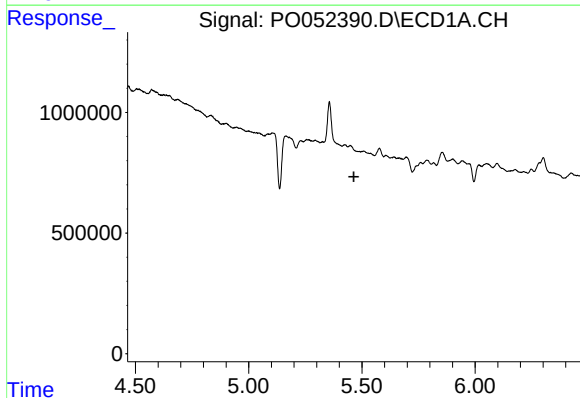
R.T.: 0.000 min  
Exp R.T.: 5.443 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



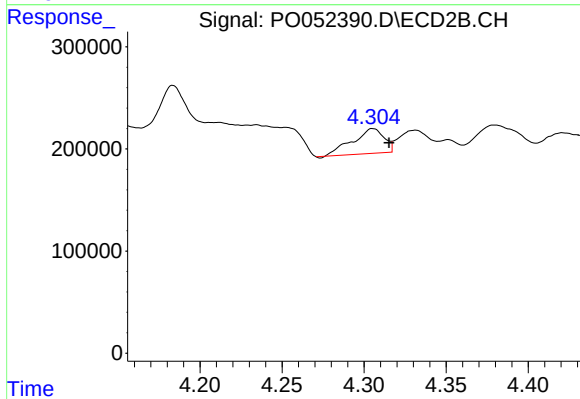
#3 AR-1016-1

R.T.: 4.305 min  
Delta R.T.: 0.004 min  
Response: 325896  
Conc: 45.44 ng/ml



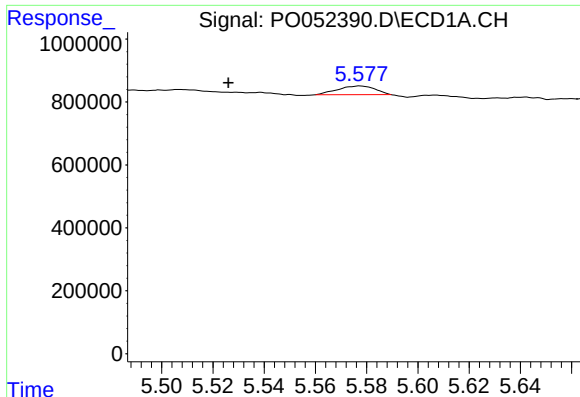
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.464 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

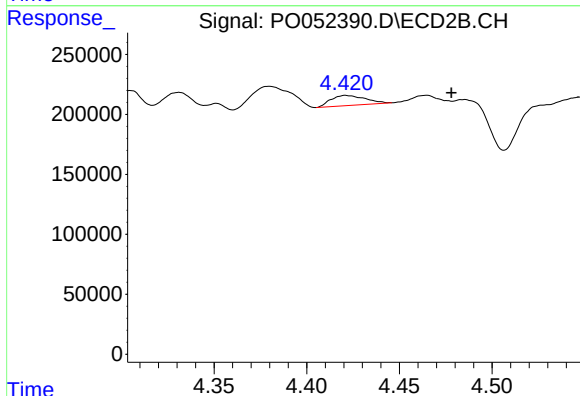
R.T.: 4.305 min  
Delta R.T.: -0.010 min  
Response: 325896  
Conc: 24.87 ng/ml



#5 AR-1016-3

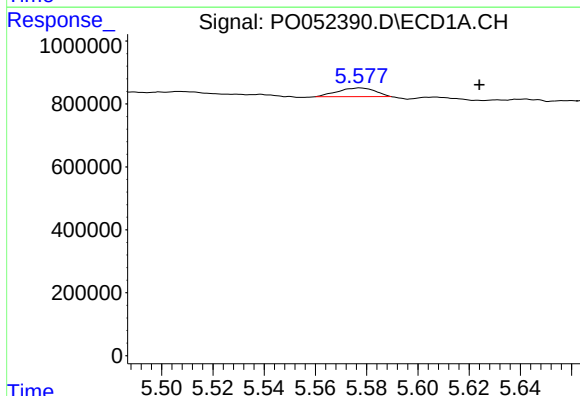
R.T.: 5.577 min  
Delta R.T.: 0.051 min  
Response: 284129  
Conc: 13.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



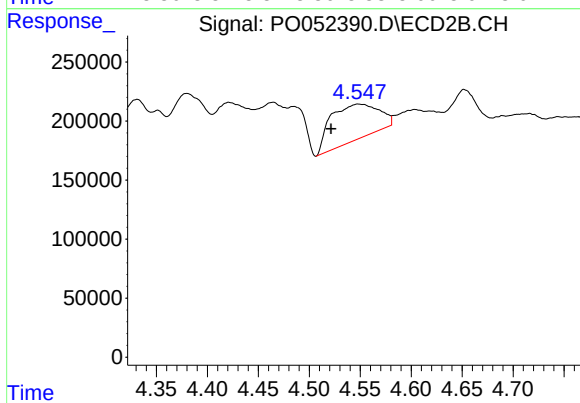
#5 AR-1016-3

R.T.: 4.421 min  
Delta R.T.: -0.057 min  
Response: 108508  
Conc: 18.98 ng/ml



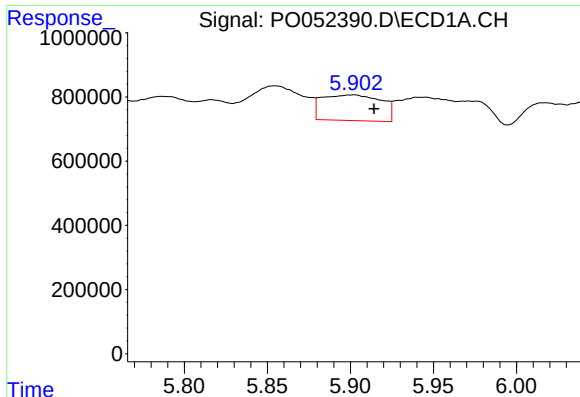
#6 AR-1016-4

R.T.: 5.577 min  
Delta R.T.: -0.047 min  
Response: 284129  
Conc: 17.05 ng/ml



#6 AR-1016-4

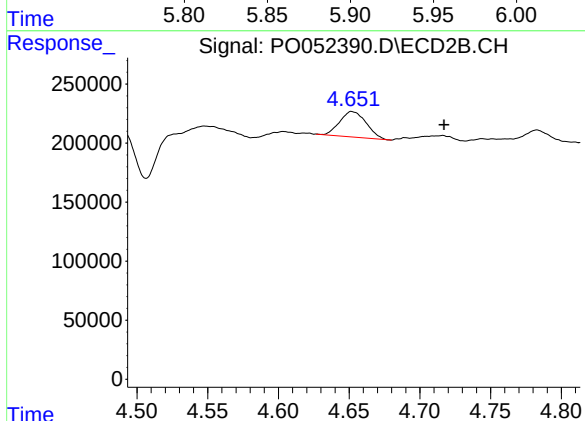
R.T.: 4.547 min  
Delta R.T.: 0.026 min  
Response: 993066  
Conc: 193.12 ng/ml



#7 AR-1016-5

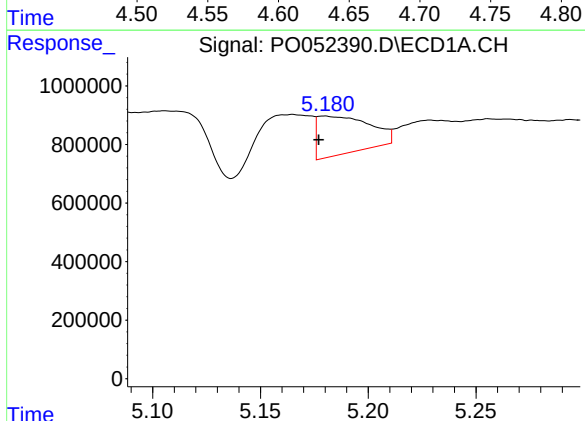
R.T.: 5.902 min  
Delta R.T.: -0.012 min  
Response: 1986095  
Conc: 124.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



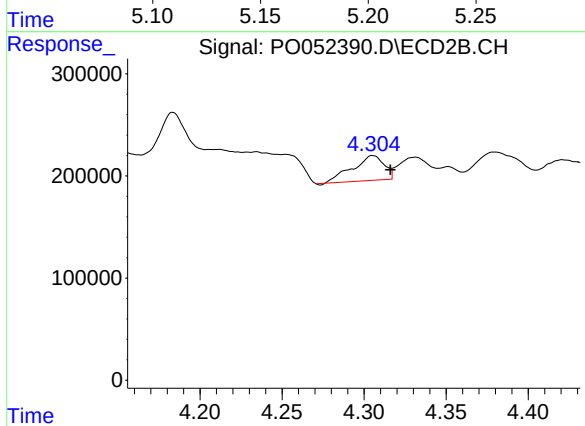
#7 AR-1016-5

R.T.: 4.652 min  
Delta R.T.: -0.066 min  
Response: 281431  
Conc: 40.71 ng/ml



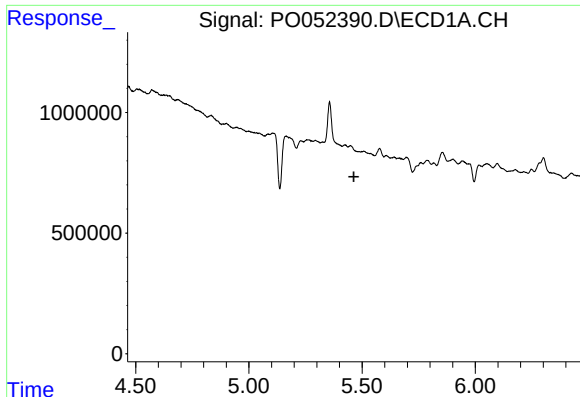
#12 AR-1232-2

R.T.: 5.180 min  
Delta R.T.: 0.003 min  
Response: 2183916  
Conc: 295.07 ng/ml



#12 AR-1232-2

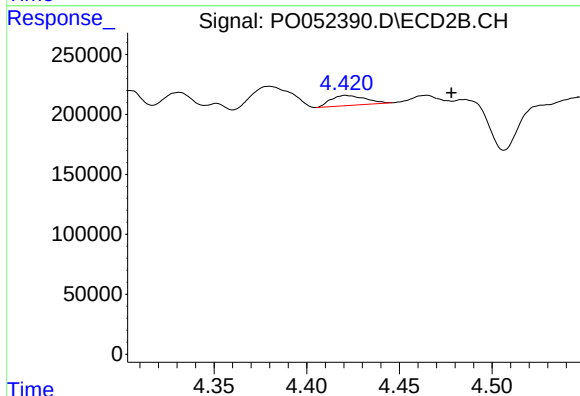
R.T.: 4.305 min  
Delta R.T.: -0.011 min  
Response: 325896  
Conc: 58.10 ng/ml



#13 AR-1232-3

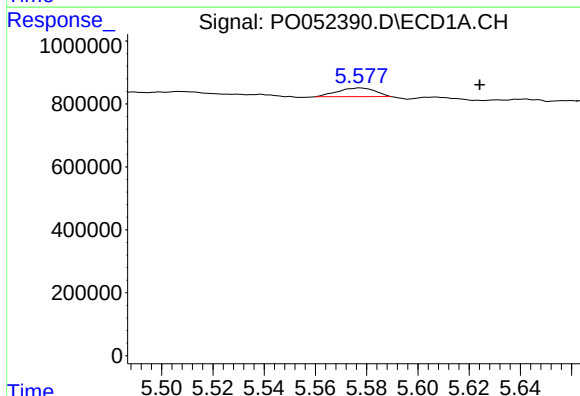
R.T.: 0.000 min  
Exp R.T.: 5.464 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



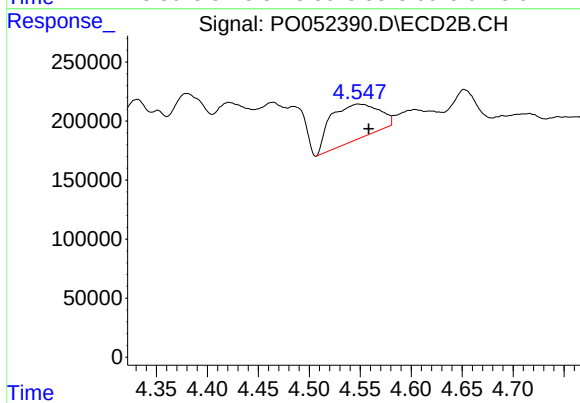
#13 AR-1232-3

R.T.: 4.421 min  
Delta R.T.: -0.057 min  
Response: 108508  
Conc: 44.77 ng/ml



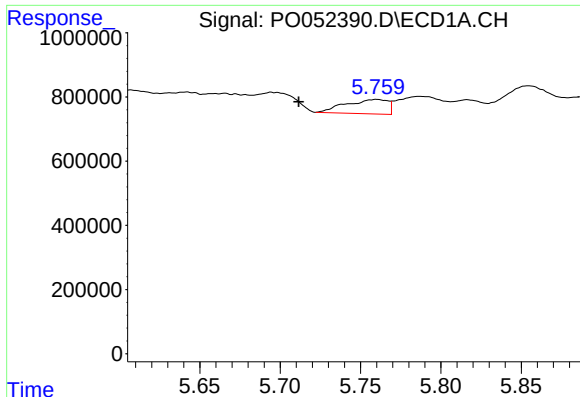
#14 AR-1232-4

R.T.: 5.577 min  
Delta R.T.: -0.047 min  
Response: 284129  
Conc: 39.46 ng/ml



#14 AR-1232-4

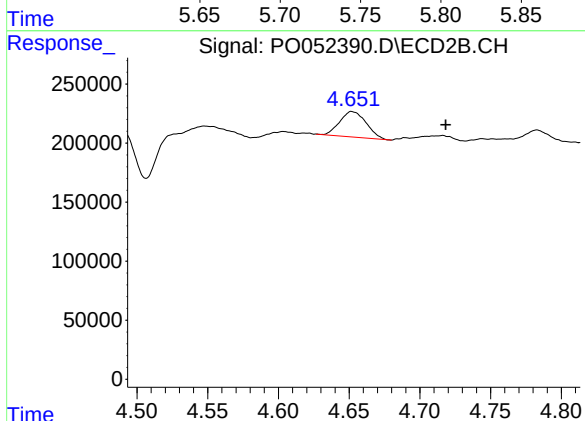
R.T.: 4.547 min  
Delta R.T.: -0.011 min  
Response: 993066  
Conc: 467.49 ng/ml



#15 AR-1232-5

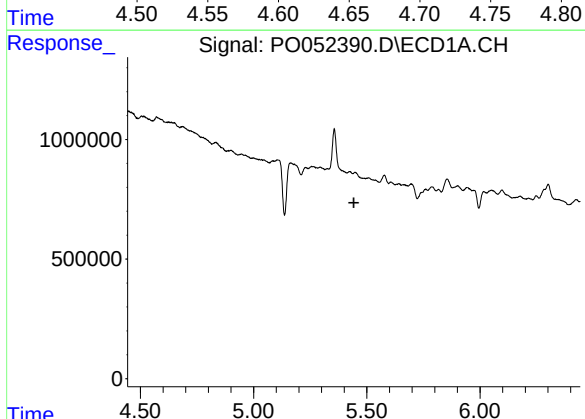
R.T.: 5.760 min  
Delta R.T.: 0.048 min  
Response: 813623  
Conc: 173.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



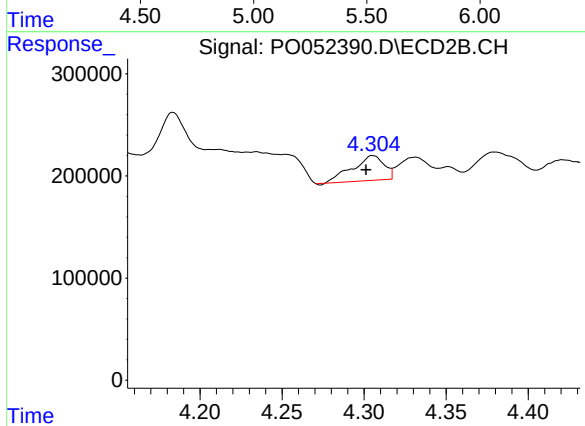
#15 AR-1232-5

R.T.: 4.652 min  
Delta R.T.: -0.067 min  
Response: 281431  
Conc: 112.27 ng/ml



#16 AR-1242-1

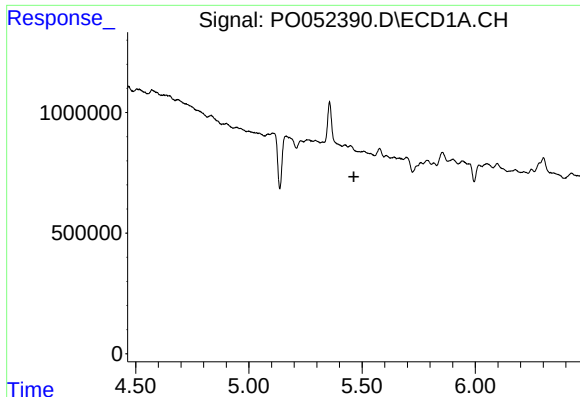
R.T.: 0.000 min  
Exp R.T. : 5.443 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

R.T.: 4.305 min  
Delta R.T.: 0.004 min  
Response: 325896  
Conc: 58.90 ng/ml

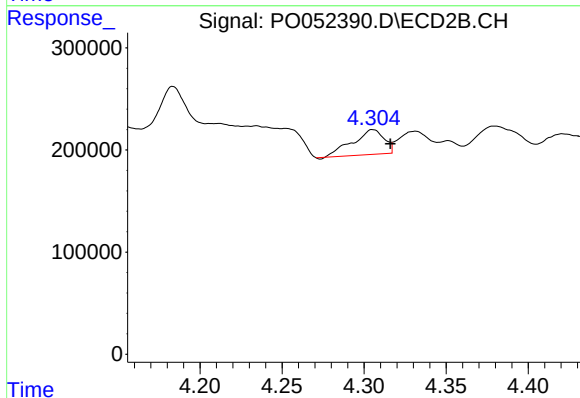




#17 AR-1242-2

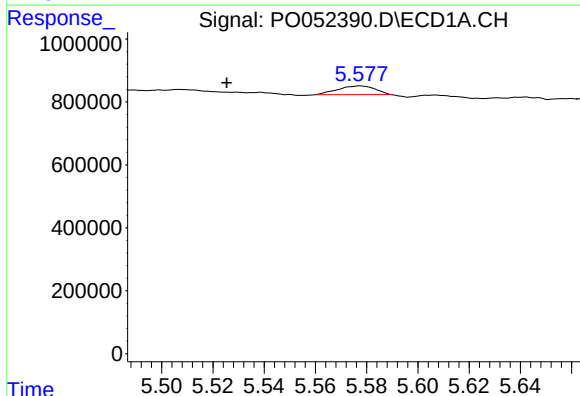
R.T.: 0.000 min  
Exp R.T.: 5.464 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



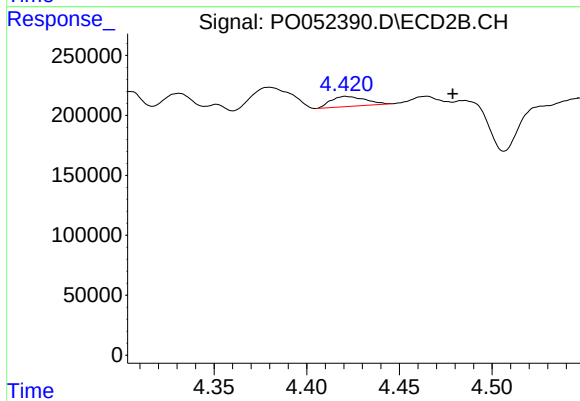
#17 AR-1242-2

R.T.: 4.305 min  
Delta R.T.: -0.011 min  
Response: 325896  
Conc: 30.97 ng/ml



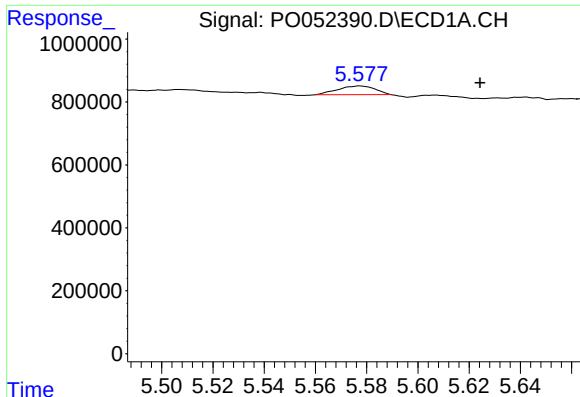
#18 AR-1242-3

R.T.: 5.577 min  
Delta R.T.: 0.052 min  
Response: 284129  
Conc: 17.98 ng/ml



#18 AR-1242-3

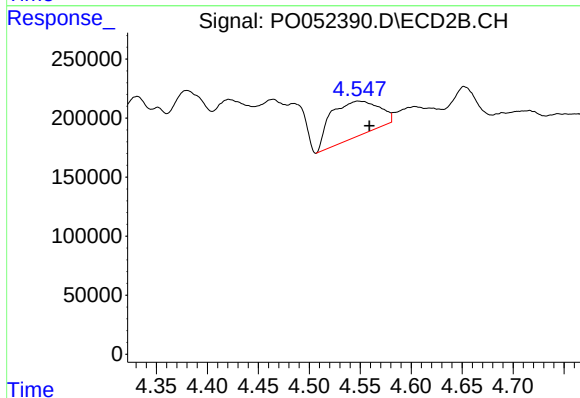
R.T.: 4.421 min  
Delta R.T.: -0.058 min  
Response: 108508  
Conc: 22.74 ng/ml



#19 AR-1242-4

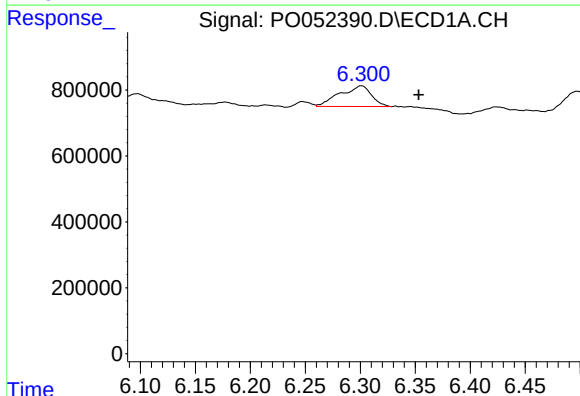
R.T.: 5.577 min  
Delta R.T.: -0.047 min  
Response: 284129  
Conc: 21.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



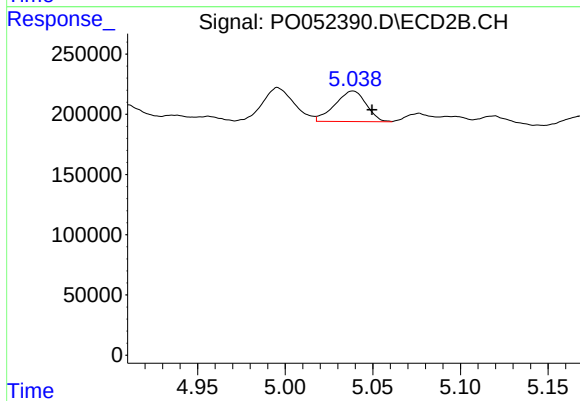
#19 AR-1242-4

R.T.: 4.547 min  
Delta R.T.: -0.012 min  
Response: 993066  
Conc: 217.27 ng/ml



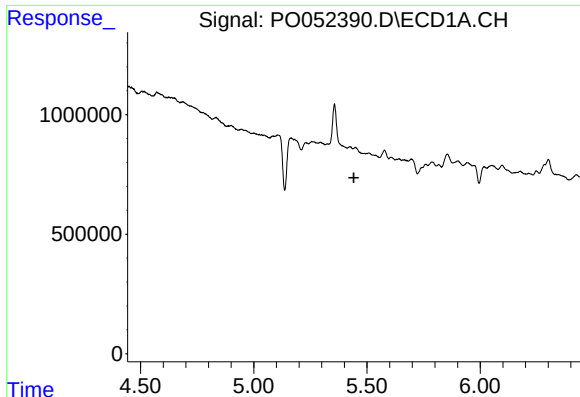
#20 AR-1242-5

R.T.: 6.301 min  
Delta R.T.: -0.052 min  
Response: 1253372  
Conc: 88.89 ng/ml



#20 AR-1242-5

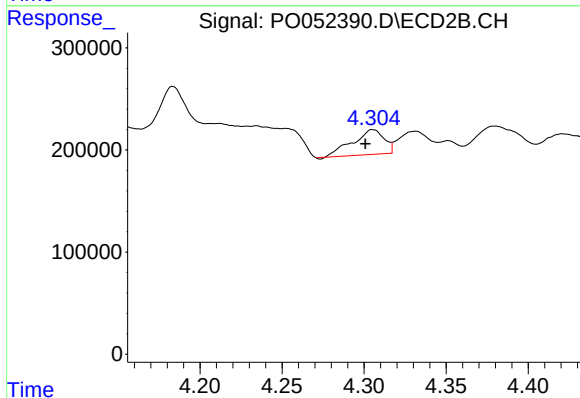
R.T.: 5.039 min  
Delta R.T.: -0.011 min  
Response: 316994  
Conc: 49.65 ng/ml



#21 AR-1248-1

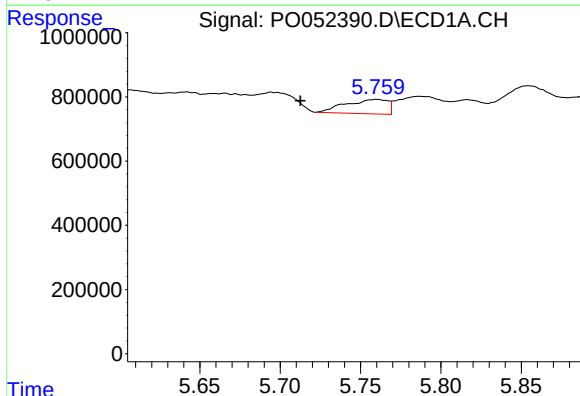
R.T.: 0.000 min  
Exp R.T.: 5.442 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



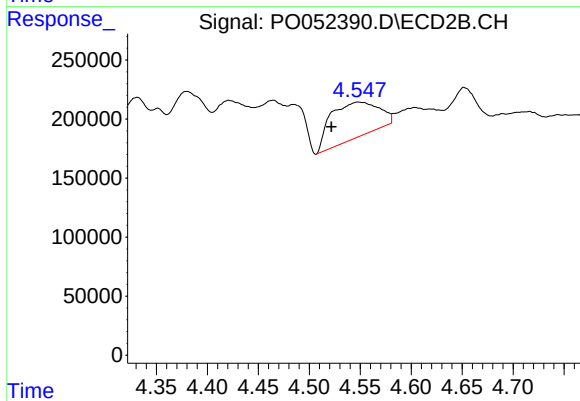
#21 AR-1248-1

R.T.: 4.305 min  
Delta R.T.: 0.004 min  
Response: 325896  
Conc: 72.54 ng/ml



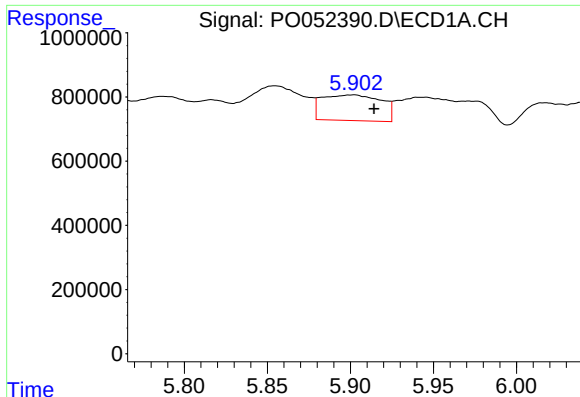
#22 AR-1248-2

R.T.: 5.760 min  
Delta R.T.: 0.047 min  
Response: 813623  
Conc: 43.55 ng/ml



#22 AR-1248-2

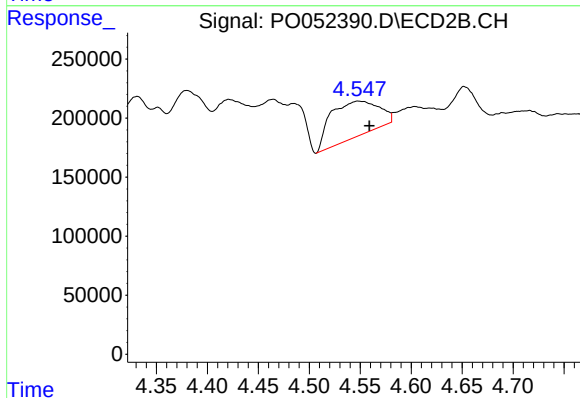
R.T.: 4.547 min  
Delta R.T.: 0.026 min  
Response: 993066  
Conc: 151.73 ng/ml



#23 AR-1248-3

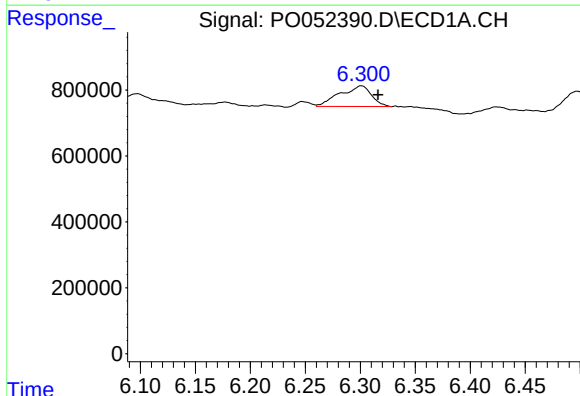
R.T.: 5.902 min  
Delta R.T.: -0.012 min  
Response: 1986095  
Conc: 94.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



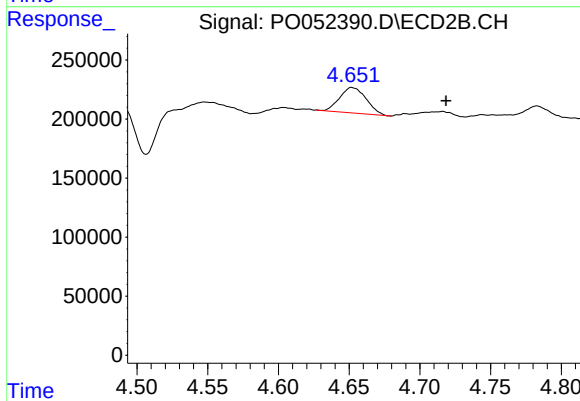
#23 AR-1248-3

R.T.: 4.547 min  
Delta R.T.: -0.012 min  
Response: 993066  
Conc: 152.85 ng/ml



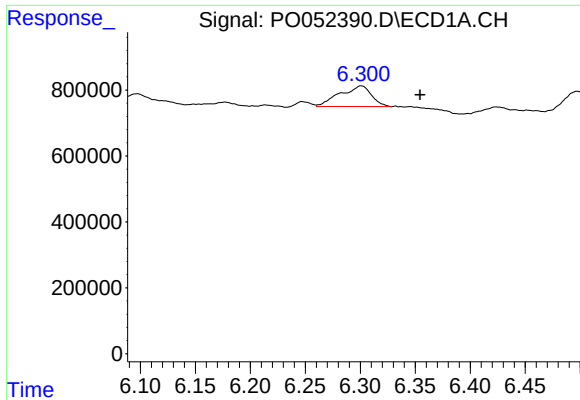
#24 AR-1248-4

R.T.: 6.301 min  
Delta R.T.: -0.016 min  
Response: 1253372  
Conc: 54.59 ng/ml



#24 AR-1248-4

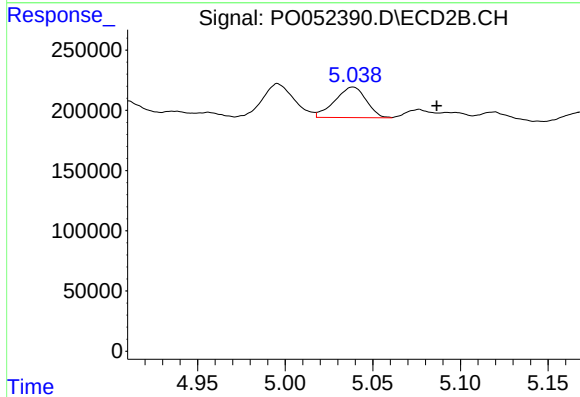
R.T.: 4.652 min  
Delta R.T.: -0.067 min  
Response: 281431  
Conc: 34.10 ng/ml



#25 AR-1248-5

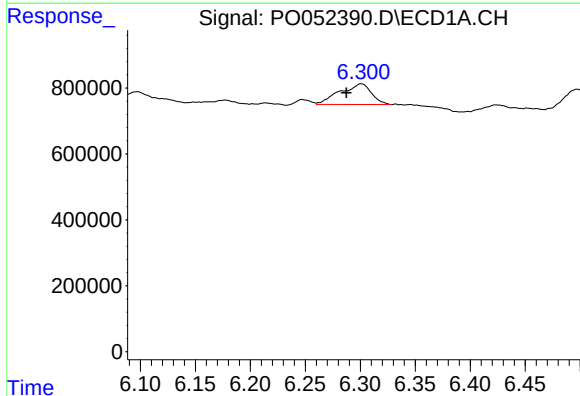
R.T.: 6.301 min  
Delta R.T.: -0.054 min  
Response: 1253372  
Conc: 56.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



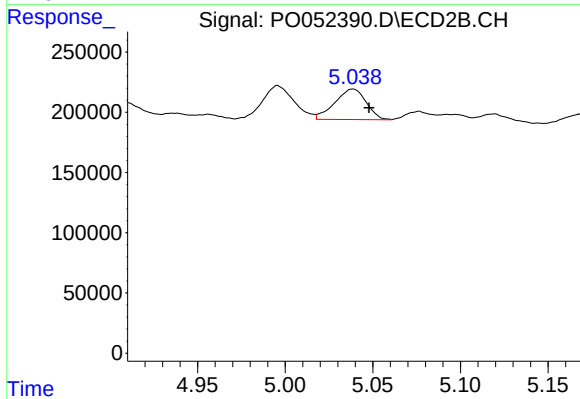
#25 AR-1248-5

R.T.: 5.039 min  
Delta R.T.: -0.048 min  
Response: 316994  
Conc: 39.05 ng/ml



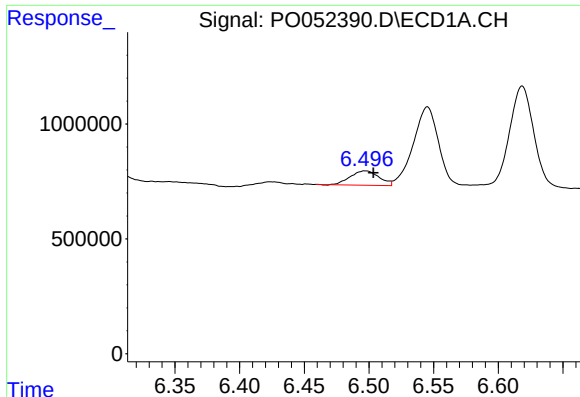
#26 AR-1254-1

R.T.: 6.301 min  
Delta R.T.: 0.013 min  
Response: 1253372  
Conc: 48.51 ng/ml



#26 AR-1254-1

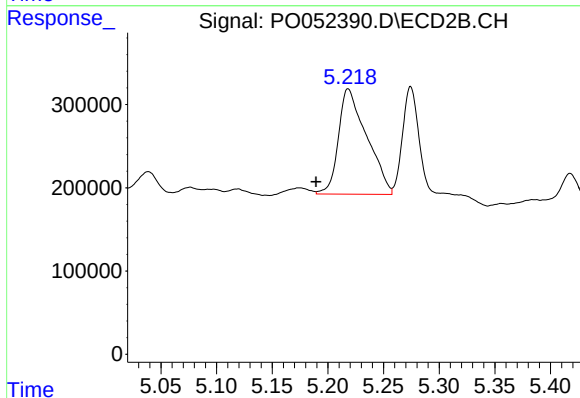
R.T.: 5.039 min  
Delta R.T.: -0.009 min  
Response: 316994  
Conc: 22.71 ng/ml



#27 AR-1254-2

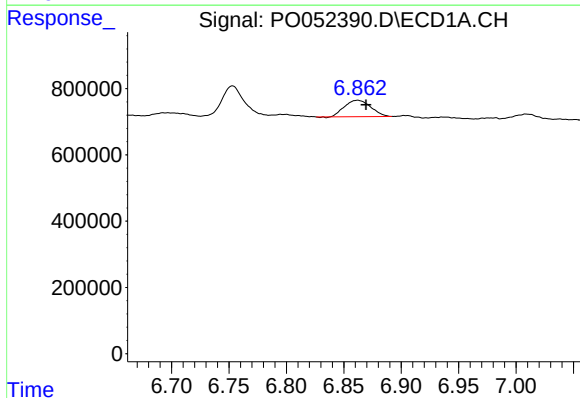
R.T.: 6.497 min  
Delta R.T.: -0.006 min  
Response: 971381  
Conc: 24.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



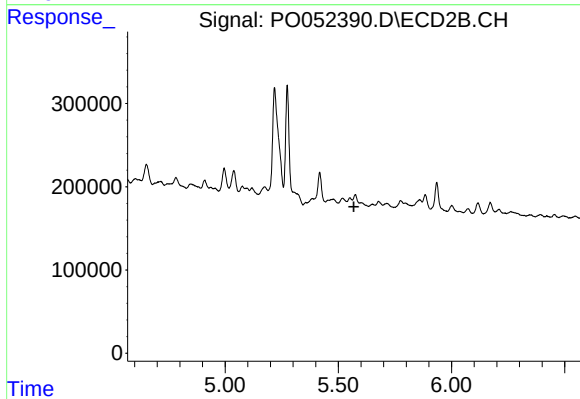
#27 AR-1254-2

R.T.: 5.218 min  
Delta R.T.: 0.029 min  
Response: 2243053  
Conc: 178.32 ng/ml



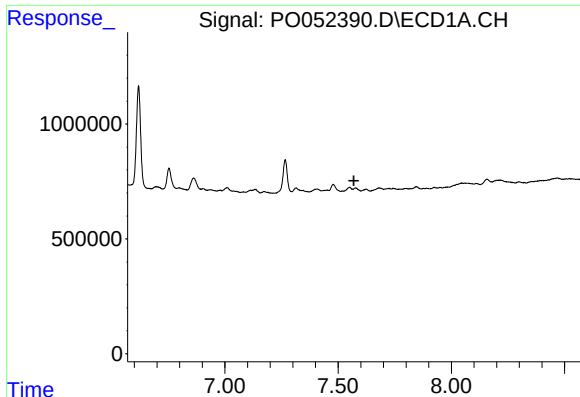
#28 AR-1254-3

R.T.: 6.862 min  
Delta R.T.: -0.008 min  
Response: 789846  
Conc: 18.82 ng/ml



#28 AR-1254-3

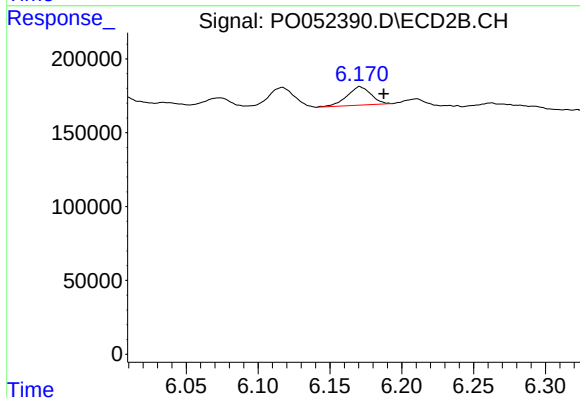
R.T.: 0.000 min  
Exp R.T. : 5.569 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

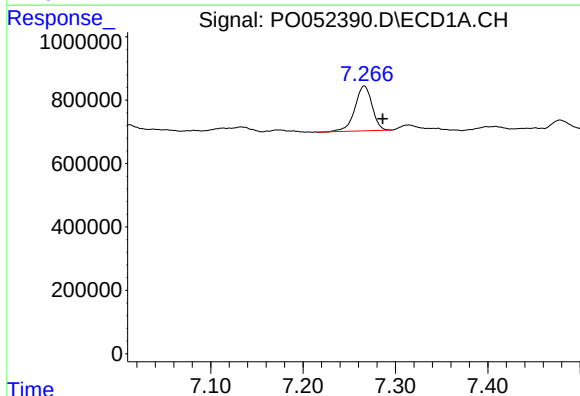
R.T.: 0.000 min  
Exp R.T.: 7.569 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



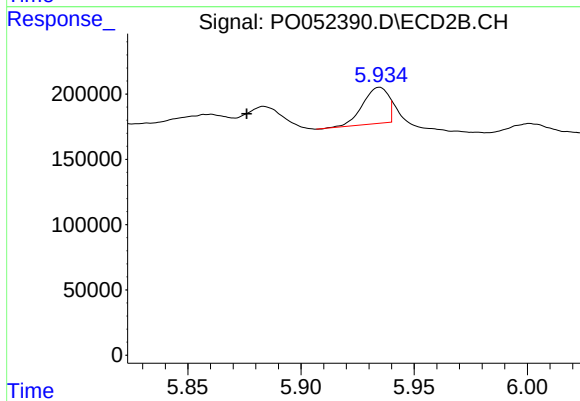
#30 AR-1254-5

R.T.: 6.171 min  
Delta R.T.: -0.017 min  
Response: 146773  
Conc: 8.71 ng/ml



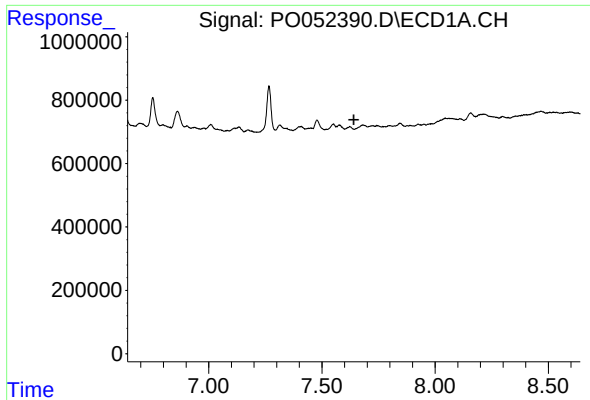
#32 AR-1260-2

R.T.: 7.266 min  
Delta R.T.: -0.020 min  
Response: 1827214  
Conc: 51.87 ng/ml



#32 AR-1260-2

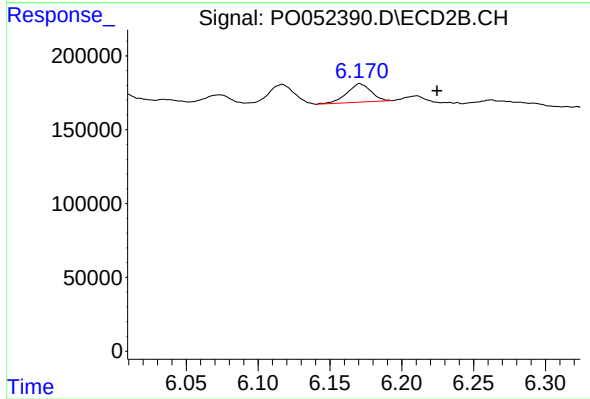
R.T.: 5.935 min  
Delta R.T.: 0.059 min  
Response: 217227  
Conc: 13.01 ng/ml



#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 7.641 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#36 AR-1262-1

R.T.: 6.171 min  
Delta R.T.: -0.054 min  
Response: 146773  
Conc: 8.02 ng/ml