

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0010319\  
 Data File : P0053157.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 03 Jan 2019 17:50  
 Operator : SM/SJ  
 Sample : K1002-05  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AU-05-010219-C

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 04 00:19:13 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0010219.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jan 02 14:46:04 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... | 4.181 | 3.214 | 26281047 | 4538458 | 20.086  | 20.226    |
| 2)                          | SA Decachlor... | 9.652 | 7.860 | 8677858  | 2218197 | 10.952  | 8.629     |
| Target Compounds            |                 |       |       |          |         |         |           |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.199 | 0        | 107321  | N.D.    | 11.905 #  |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.215 | 0        | 351131  | N.D.    | 25.491 #  |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.336 | 0        | 159760  | N.D.    | 22.068 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.462 | 0        | 2144267 | N.D.    | 394.638 # |
| 7)                          | L1 AR-1016-5    | 5.789 | 4.561 | 2176257  | 226162  | 82.543  | 30.972 #  |
| 12)                         | L3 AR-1232-2    | 5.066 | 4.215 | 3957442  | 351131  | 349.247 | 59.137 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.336 | 0        | 159760  | N.D.    | 52.670 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.462 | 0        | 2144267 | N.D.    | 810.479 # |
| 15)                         | L3 AR-1232-5    | 5.654 | 4.561 | 841965   | 226162  | 118.547 | 79.368 #  |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.199 | 0        | 107321  | N.D.    | 15.382 #  |
| 17)                         | L4 AR-1242-2    | 0.000 | 4.215 | 0        | 351131  | N.D.    | 32.275 #  |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.336 | 0        | 159760  | N.D.    | 27.984 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.462 | 0        | 2144267 | N.D.    | 390.356 # |
| 20)                         | L4 AR-1242-5    | 6.194 | 4.897 | 665291   | 281695  | 30.405  | 36.974    |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.199 | 0        | 107321  | N.D.    | 19.208 #  |
| 22)                         | L5 AR-1248-2    | 5.654 | 4.462 | 841965   | 2144267 | 28.898  | 286.270 # |
| 23)                         | L5 AR-1248-3    | 5.789 | 4.462 | 2176257  | 2144267 | 65.556  | 273.050 # |
| 24)                         | L5 AR-1248-4    | 6.194 | 4.561 | 665291   | 226162  | 17.808  | 23.963 #  |
| 25)                         | L5 AR-1248-5    | 6.194 | 0.000 | 665291   | 0       | 18.673  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.194 | 4.897 | 665291   | 281695  | 17.359  | 17.183    |
| 27)                         | L6 AR-1254-2    | 6.383 | 5.101 | 3126165  | 1346872 | 52.716  | 95.992 #  |
| 28)                         | L6 AR-1254-3    | 6.757 | 5.473 | 3641649  | 1355841 | 59.050  | 60.099    |
| 30)                         | L6 AR-1254-5    | 7.463 | 6.065 | 557140   | 213944  | 12.275  | 10.687    |
| 32)                         | L7 AR-1260-2    | 7.158 | 0.000 | 10570022 | 0       | 190.312 | N.D. #    |
| 33)                         | L7 AR-1260-3    | 7.463 | 5.831 | 557140   | 2990179 | 15.911  | 172.870 # |
| 34)                         | L7 AR-1260-4    | 7.730 | 0.000 | 50737    | 0       | 1.305   | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.038 | 0.000 | 384532   | 0       | 4.982   | N.D. #    |
| 36)                         | L8 AR-1262-1    | 7.463 | 6.065 | 557140   | 213944  | 9.998   | 10.933    |
| 37)                         | L8 AR-1262-2    | 8.038 | 0.000 | 384532   | 0       | 4.120   | N.D. #    |
| -----                       |                 |       |       |          |         |         |           |

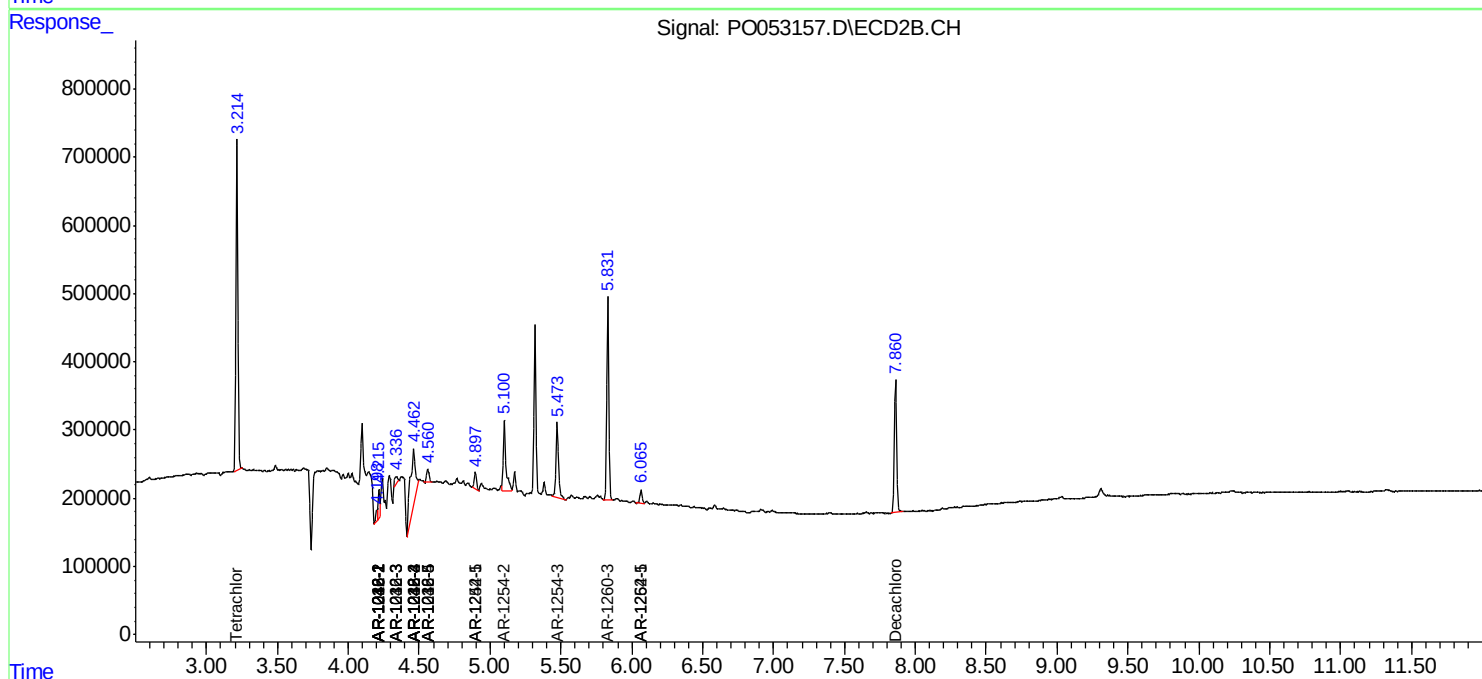
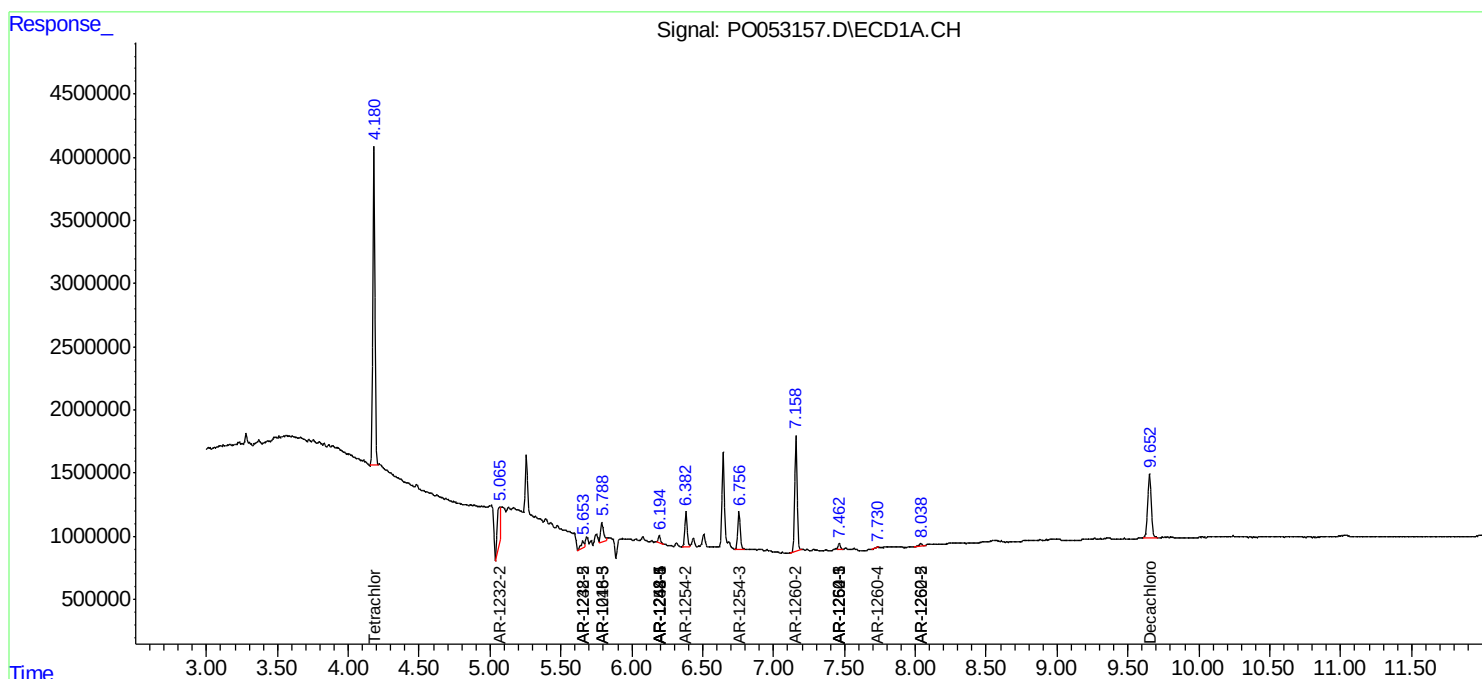
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

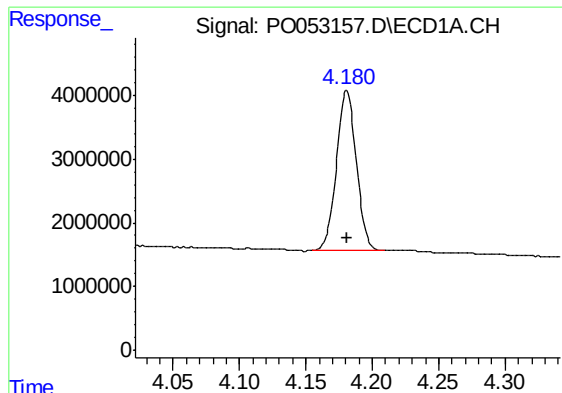
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO010319\  
Data File : PO053157.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 03 Jan 2019 17:50  
Operator : SM/SJ  
Sample : K1002-05  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
AU-05-010219-C

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 04 00:19:13 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO010219.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jan 02 14:46:04 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

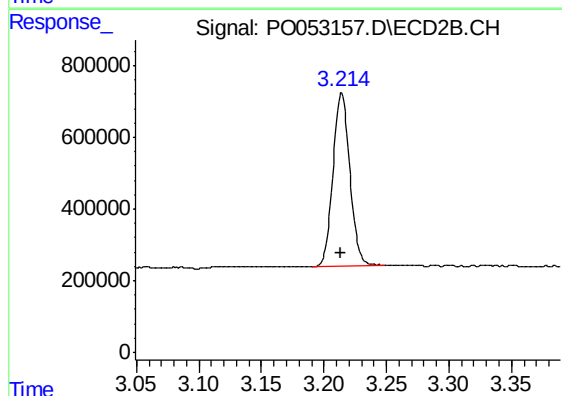




#1 Tetrachloro-m-xylene

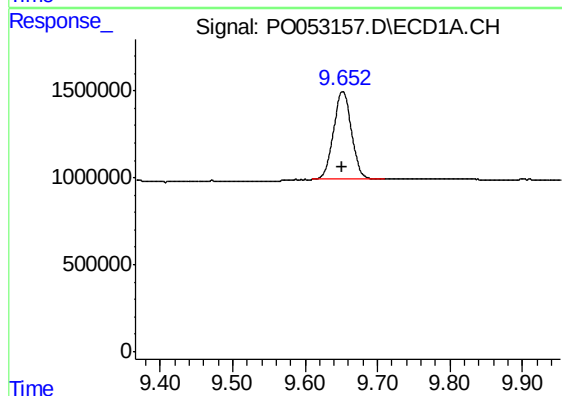
R.T.: 4.181 min  
Delta R.T.: 0.000 min  
Response: 26281047  
Conc: 20.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



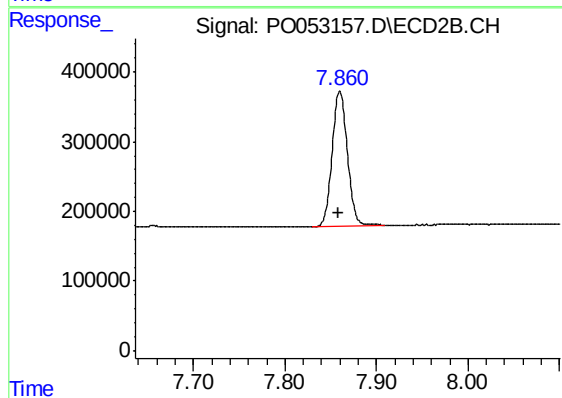
#1 Tetrachloro-m-xylene

R.T.: 3.214 min  
Delta R.T.: 0.000 min  
Response: 4538458  
Conc: 20.23 ng/ml



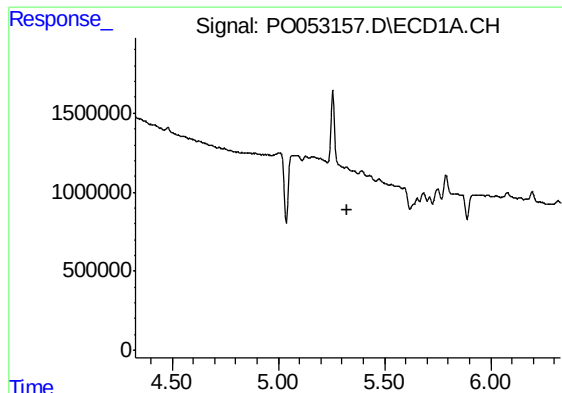
#2 Decachlorobiphenyl

R.T.: 9.652 min  
Delta R.T.: 0.002 min  
Response: 8677858  
Conc: 10.95 ng/ml



#2 Decachlorobiphenyl

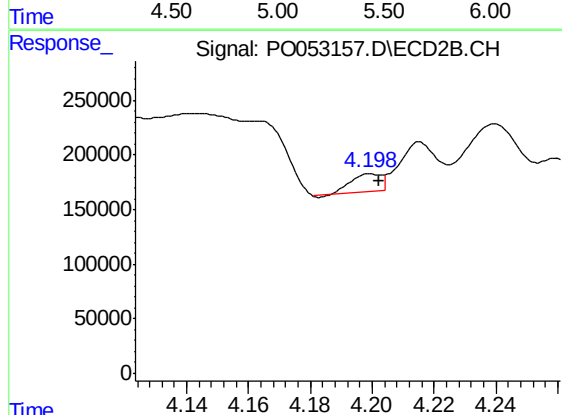
R.T.: 7.860 min  
Delta R.T.: 0.001 min  
Response: 2218197  
Conc: 8.63 ng/ml



#3 AR-1016-1

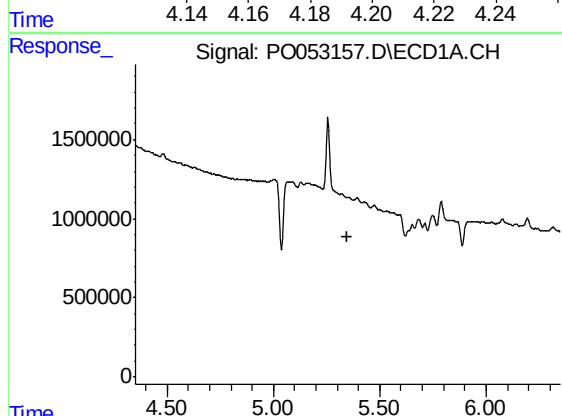
R.T.: 0.000 min  
Exp R.T. : 5.328 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



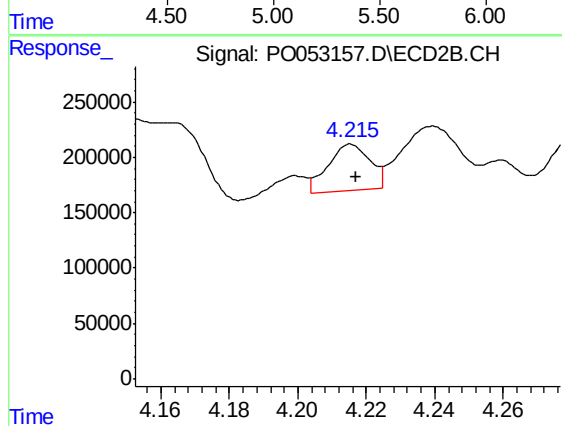
#3 AR-1016-1

R.T.: 4.199 min  
Delta R.T.: -0.003 min  
Response: 107321  
Conc: 11.90 ng/ml



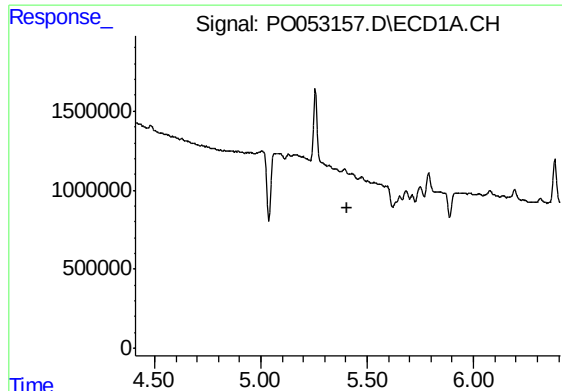
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.350 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

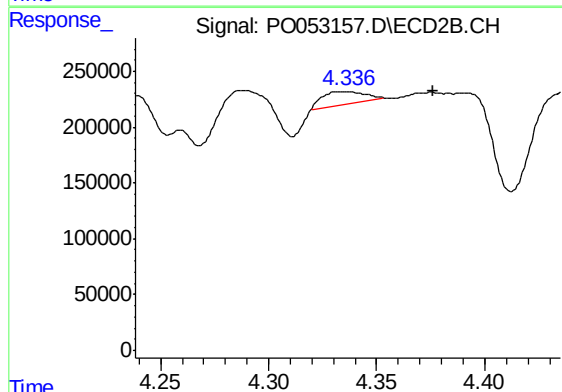
R.T.: 4.215 min  
Delta R.T.: -0.001 min  
Response: 351131  
Conc: 25.49 ng/ml



#5 AR-1016-3

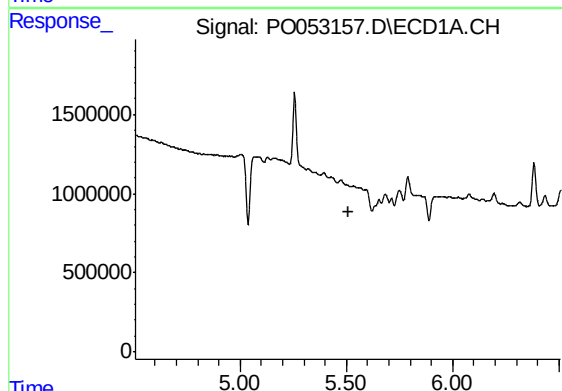
R.T.: 0.000 min  
Exp R.T. : 5.410 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



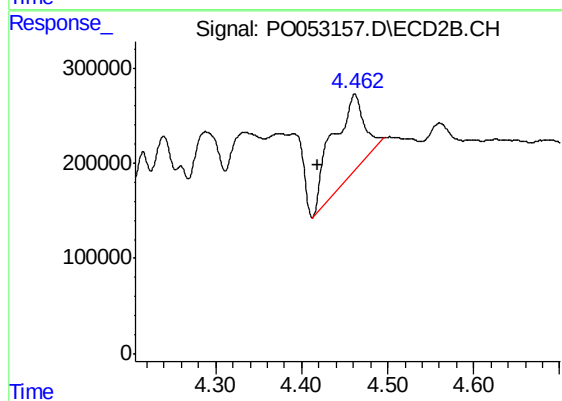
#5 AR-1016-3

R.T.: 4.336 min  
Delta R.T.: -0.040 min  
Response: 159760  
Conc: 22.07 ng/ml



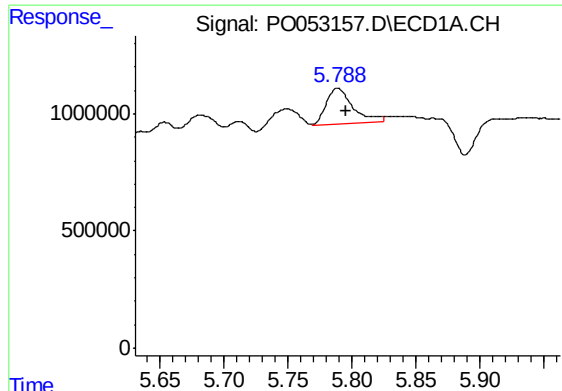
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.507 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

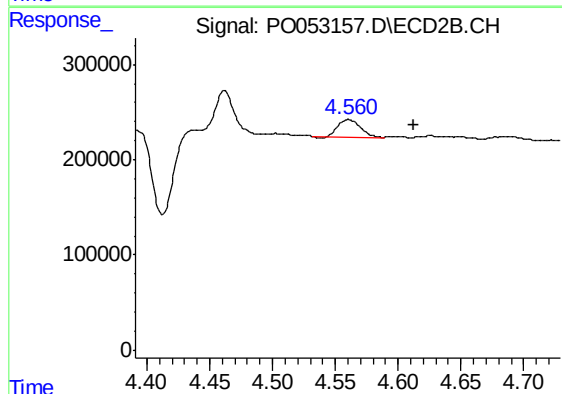
R.T.: 4.462 min  
Delta R.T.: 0.043 min  
Response: 2144267  
Conc: 394.64 ng/ml



#7 AR-1016-5

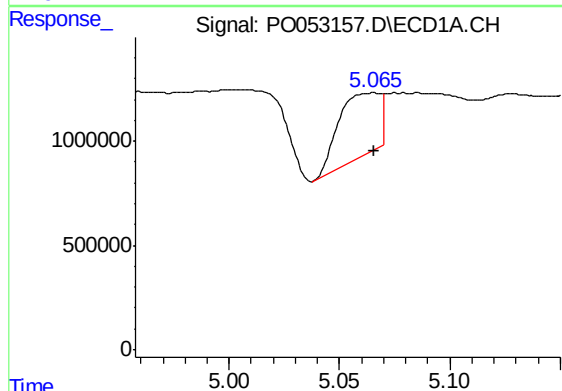
R.T.: 5.789 min  
Delta R.T.: -0.006 min  
Response: 2176257  
Conc: 82.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



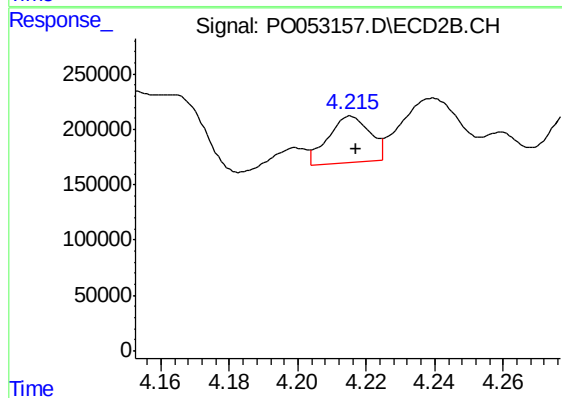
#7 AR-1016-5

R.T.: 4.561 min  
Delta R.T.: -0.052 min  
Response: 226162  
Conc: 30.97 ng/ml



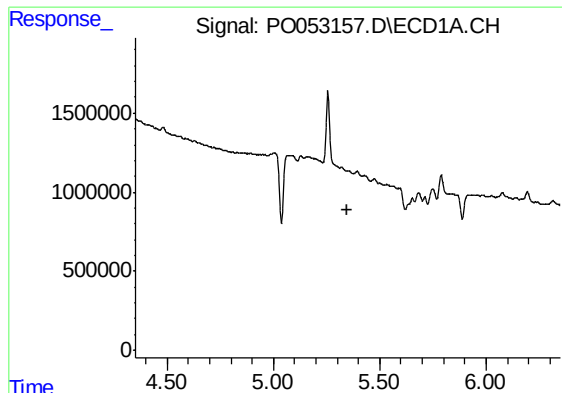
#12 AR-1232-2

R.T.: 5.066 min  
Delta R.T.: 0.000 min  
Response: 3957442  
Conc: 349.25 ng/ml



#12 AR-1232-2

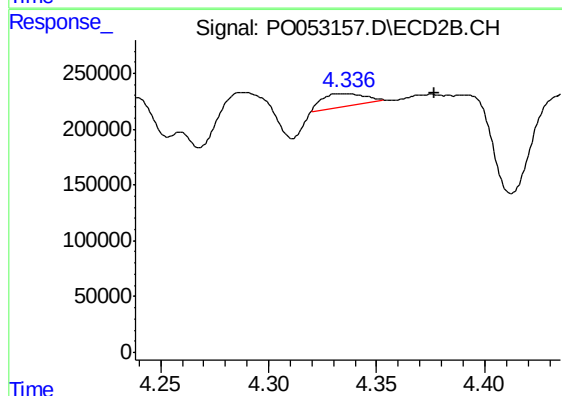
R.T.: 4.215 min  
Delta R.T.: -0.002 min  
Response: 351131  
Conc: 59.14 ng/ml



#13 AR-1232-3

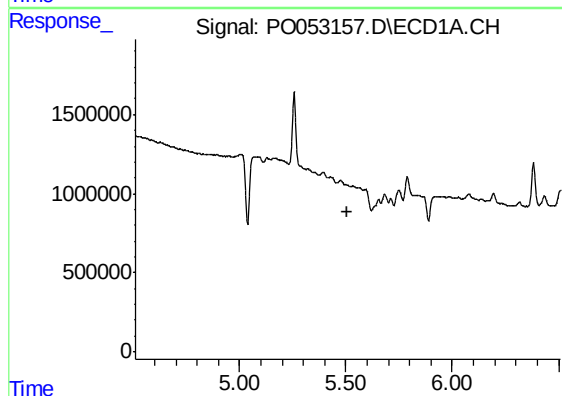
R.T.: 0.000 min  
Exp R.T.: 5.350 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



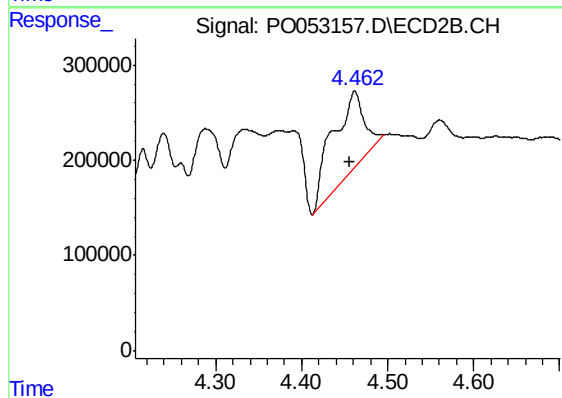
#13 AR-1232-3

R.T.: 4.336 min  
Delta R.T.: -0.040 min  
Response: 159760  
Conc: 52.67 ng/ml



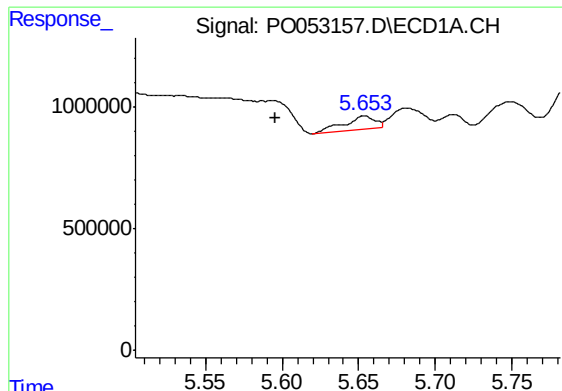
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.509 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

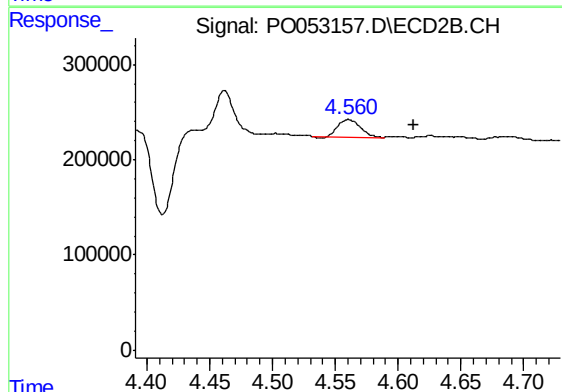
R.T.: 4.462 min  
Delta R.T.: 0.006 min  
Response: 2144267  
Conc: 810.48 ng/ml



#15 AR-1232-5

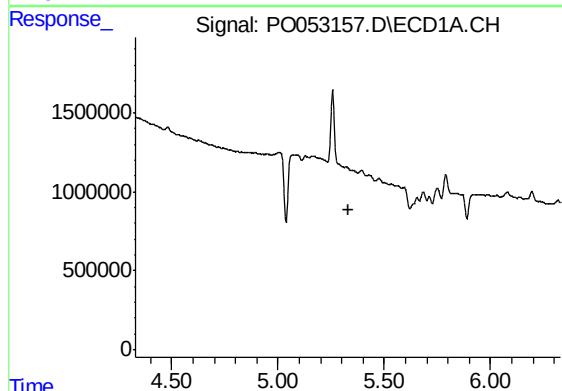
R.T.: 5.654 min  
Delta R.T.: 0.058 min  
Response: 841965  
Conc: 118.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



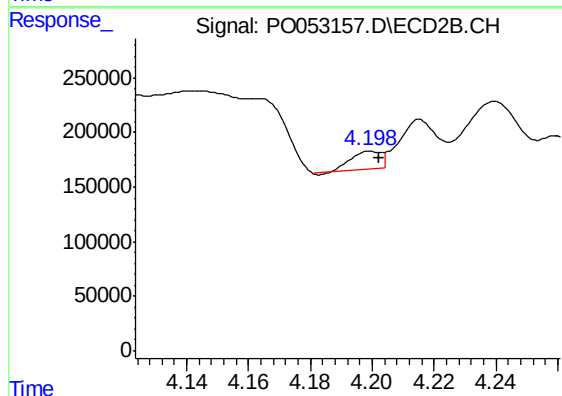
#15 AR-1232-5

R.T.: 4.561 min  
Delta R.T.: -0.052 min  
Response: 226162  
Conc: 79.37 ng/ml



#16 AR-1242-1

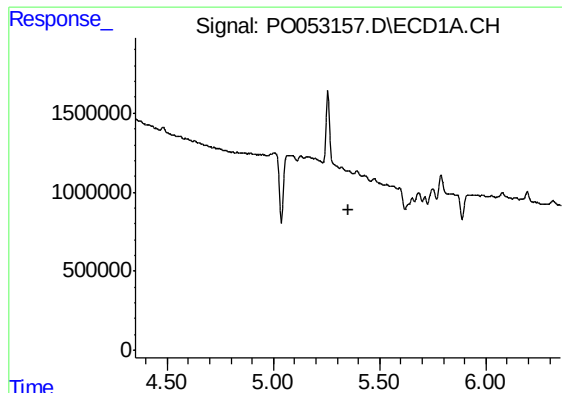
R.T.: 0.000 min  
Exp R.T. : 5.329 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

R.T.: 4.199 min  
Delta R.T.: -0.003 min  
Response: 107321  
Conc: 15.38 ng/ml

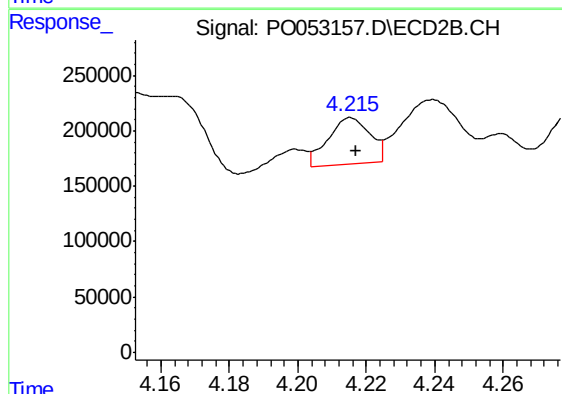




#17 AR-1242-2

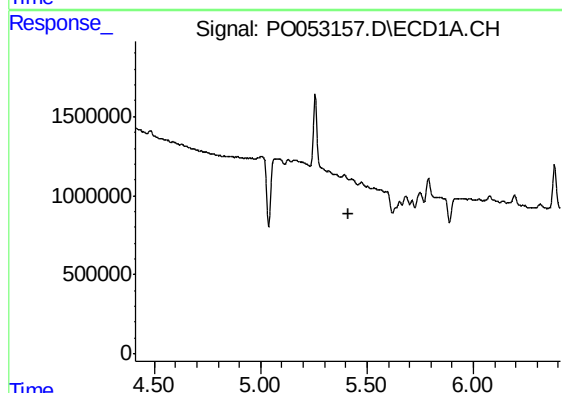
R.T.: 0.000 min  
Exp R.T.: 5.351 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



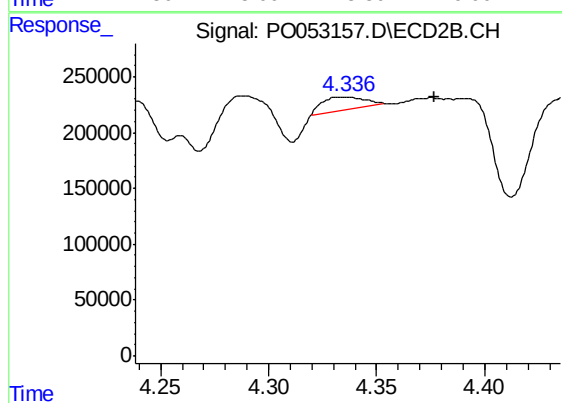
#17 AR-1242-2

R.T.: 4.215 min  
Delta R.T.: -0.002 min  
Response: 351131  
Conc: 32.27 ng/ml



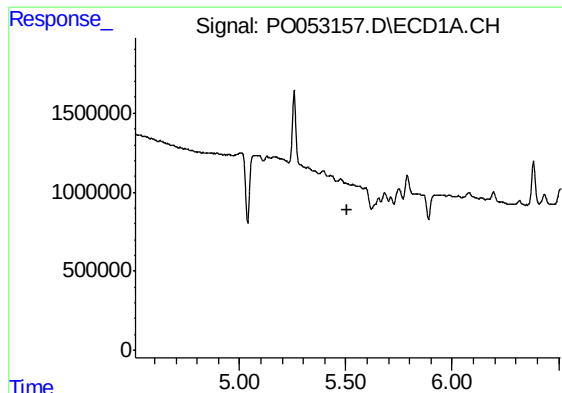
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.411 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

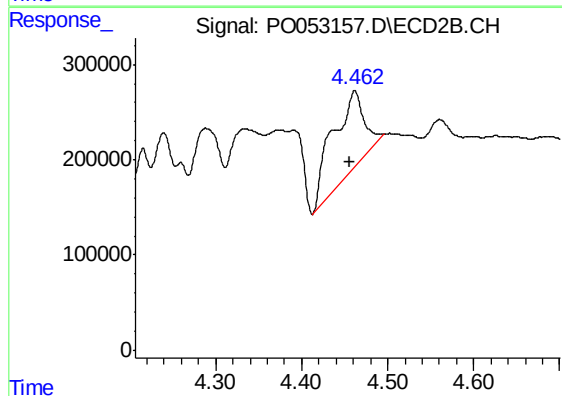
R.T.: 4.336 min  
Delta R.T.: -0.040 min  
Response: 159760  
Conc: 27.98 ng/ml



#19 AR-1242-4

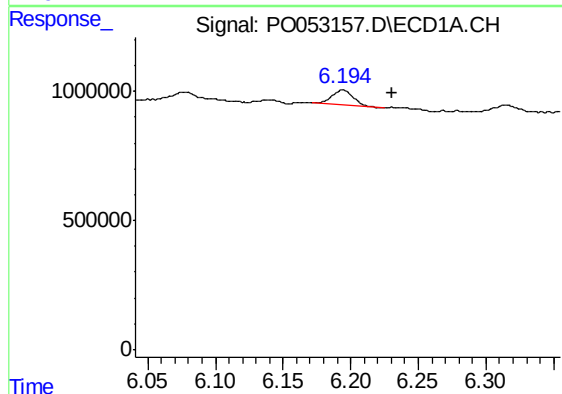
R.T.: 0.000 min  
Exp R.T.: 5.509 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



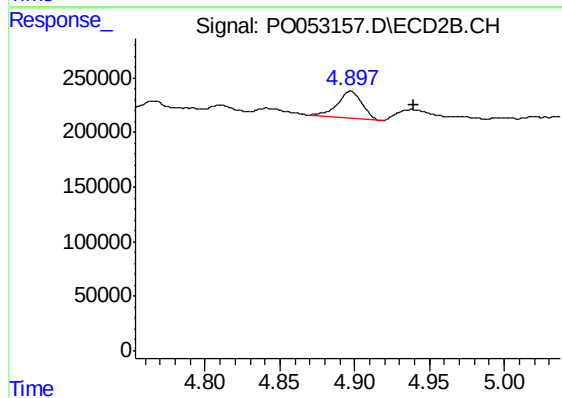
#19 AR-1242-4

R.T.: 4.462 min  
Delta R.T.: 0.007 min  
Response: 2144267  
Conc: 390.36 ng/ml



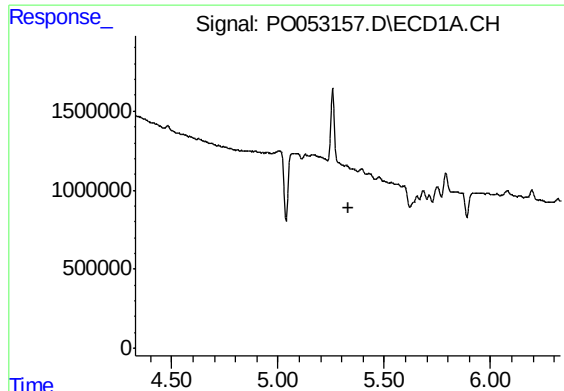
#20 AR-1242-5

R.T.: 6.194 min  
Delta R.T.: -0.037 min  
Response: 665291  
Conc: 30.41 ng/ml



#20 AR-1242-5

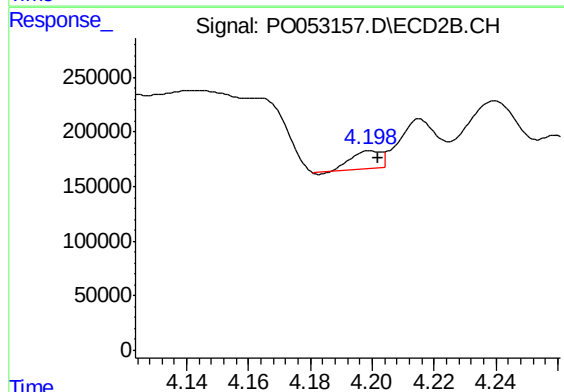
R.T.: 4.897 min  
Delta R.T.: -0.042 min  
Response: 281695  
Conc: 36.97 ng/ml



#21 AR-1248-1

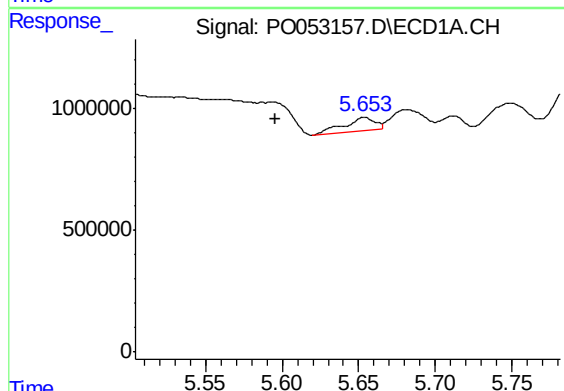
R.T.: 0.000 min  
Exp R.T.: 5.329 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



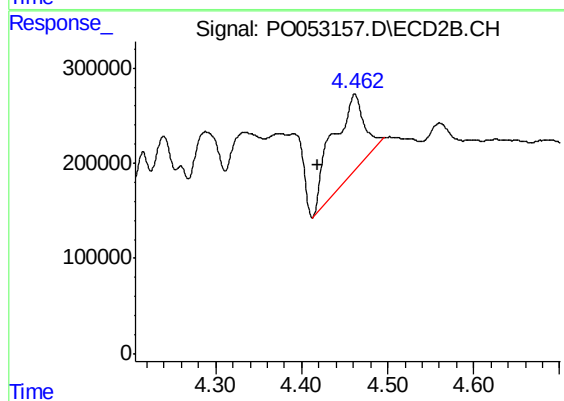
#21 AR-1248-1

R.T.: 4.199 min  
Delta R.T.: -0.003 min  
Response: 107321  
Conc: 19.21 ng/ml



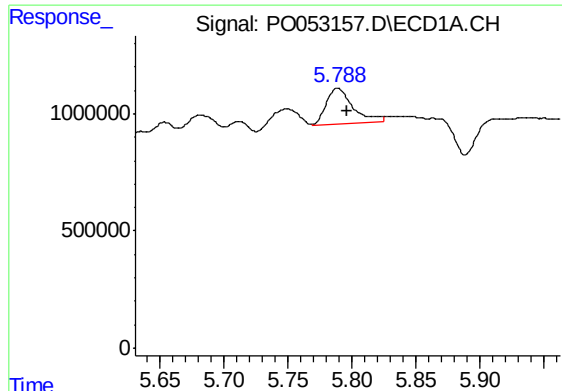
#22 AR-1248-2

R.T.: 5.654 min  
Delta R.T.: 0.058 min  
Response: 841965  
Conc: 28.90 ng/ml



#22 AR-1248-2

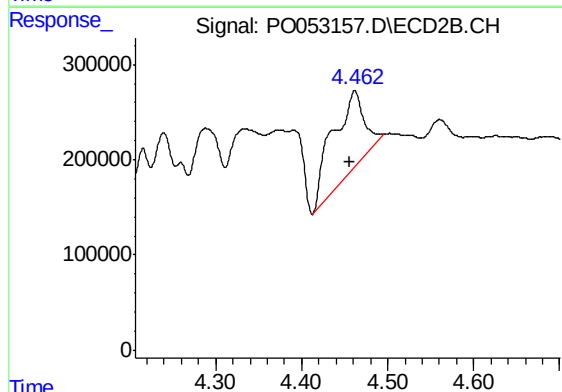
R.T.: 4.462 min  
Delta R.T.: 0.043 min  
Response: 2144267  
Conc: 286.27 ng/ml



#23 AR-1248-3

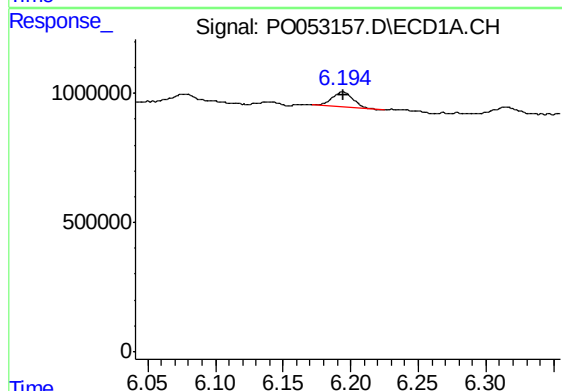
R.T.: 5.789 min  
Delta R.T.: -0.008 min  
Response: 2176257  
Conc: 65.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



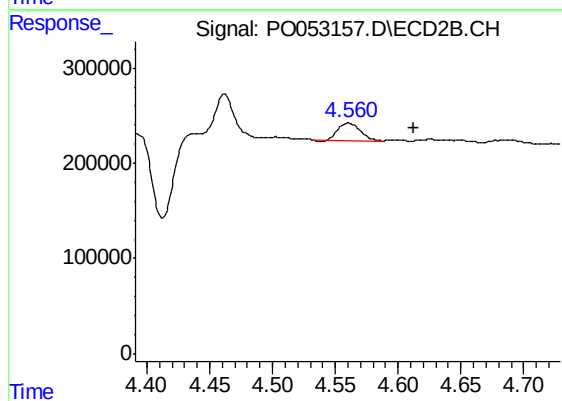
#23 AR-1248-3

R.T.: 4.462 min  
Delta R.T.: 0.007 min  
Response: 2144267  
Conc: 273.05 ng/ml



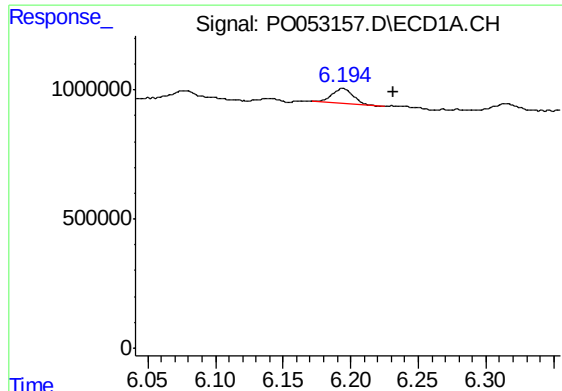
#24 AR-1248-4

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 665291  
Conc: 17.81 ng/ml



#24 AR-1248-4

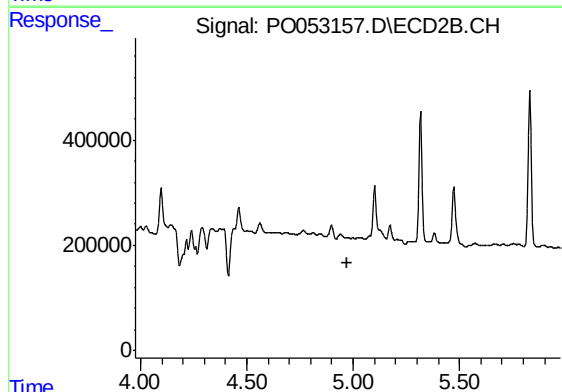
R.T.: 4.561 min  
Delta R.T.: -0.052 min  
Response: 226162  
Conc: 23.96 ng/ml



#25 AR-1248-5

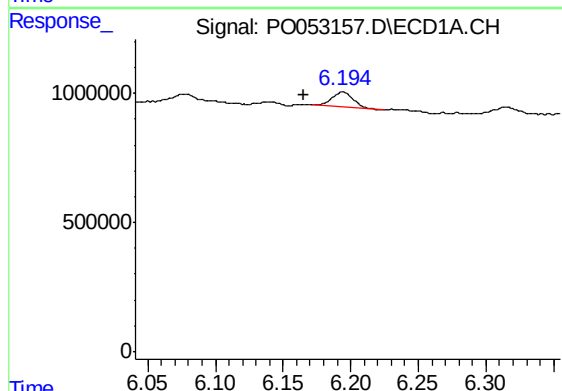
R.T.: 6.194 min  
Delta R.T.: -0.037 min  
Response: 665291  
Conc: 18.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



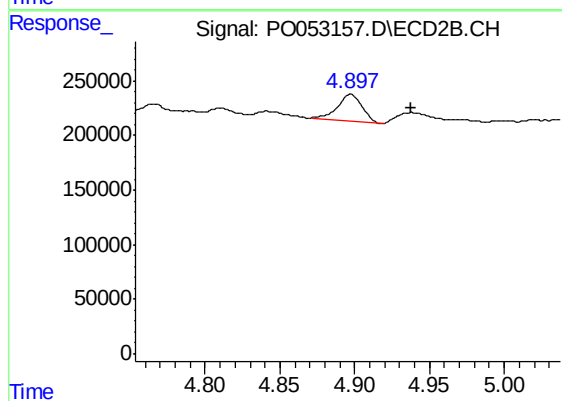
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 4.975 min  
Response: 0  
Conc: N.D.



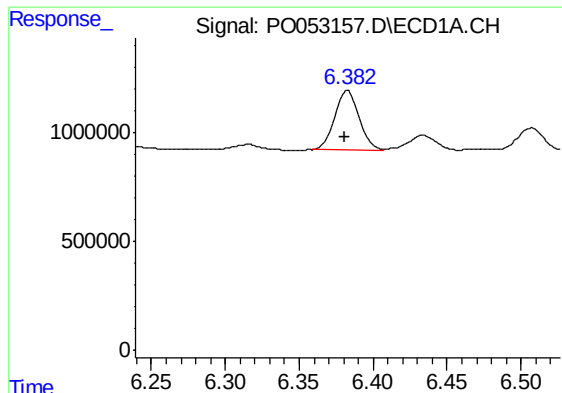
#26 AR-1254-1

R.T.: 6.194 min  
Delta R.T.: 0.029 min  
Response: 665291  
Conc: 17.36 ng/ml



#26 AR-1254-1

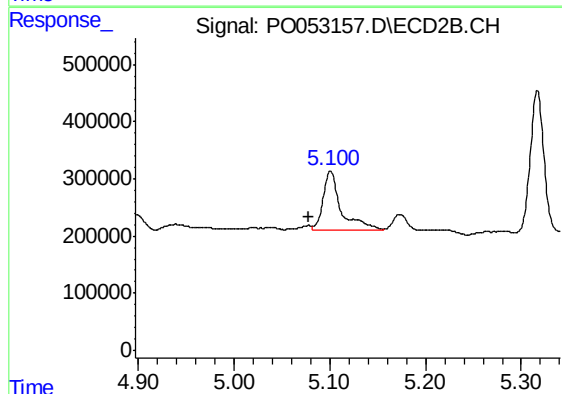
R.T.: 4.897 min  
Delta R.T.: -0.040 min  
Response: 281695  
Conc: 17.18 ng/ml



#27 AR-1254-2

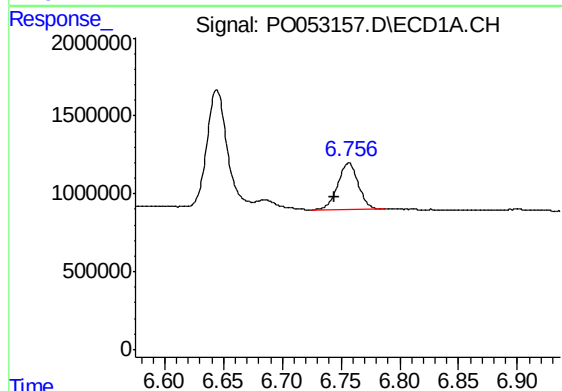
R.T.: 6.383 min  
Delta R.T.: 0.002 min  
Response: 3126165  
Conc: 52.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



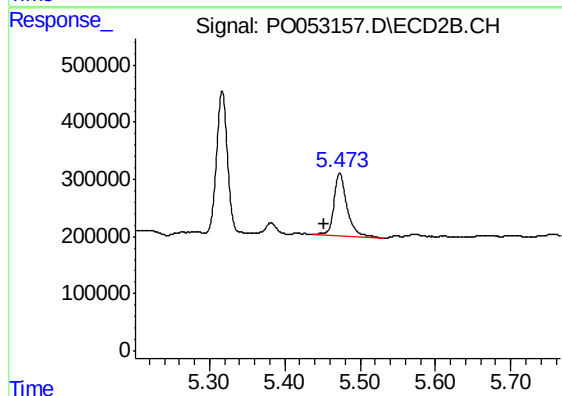
#27 AR-1254-2

R.T.: 5.101 min  
Delta R.T.: 0.023 min  
Response: 1346872  
Conc: 95.99 ng/ml



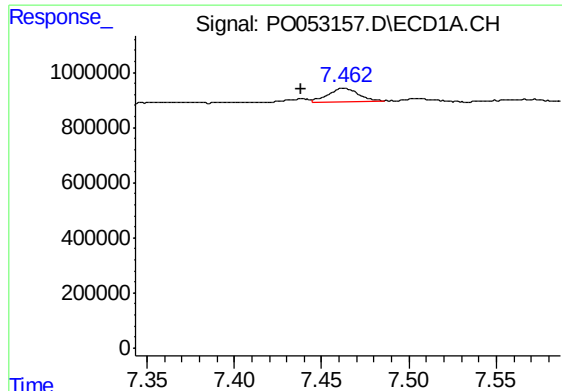
#28 AR-1254-3

R.T.: 6.757 min  
Delta R.T.: 0.013 min  
Response: 3641649  
Conc: 59.05 ng/ml



#28 AR-1254-3

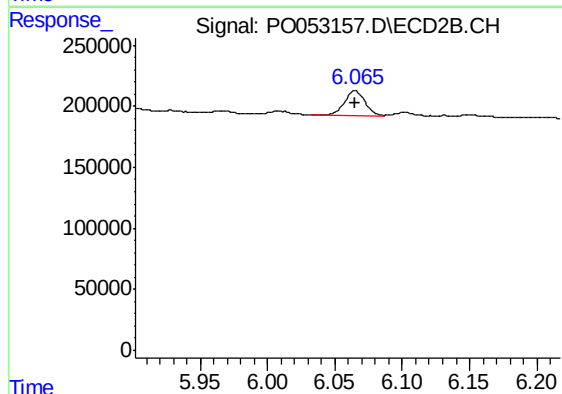
R.T.: 5.473 min  
Delta R.T.: 0.021 min  
Response: 1355841  
Conc: 60.10 ng/ml



#30 AR-1254-5

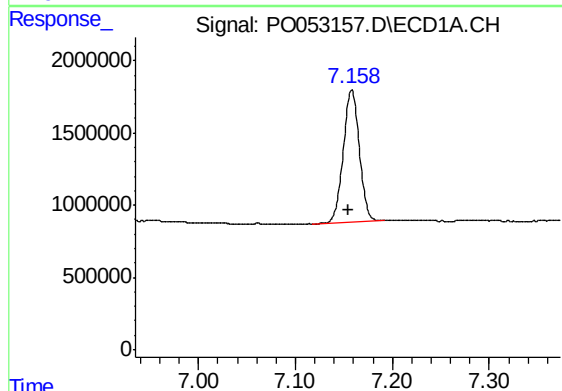
R.T.: 7.463 min  
Delta R.T.: 0.024 min  
Response: 557140  
Conc: 12.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



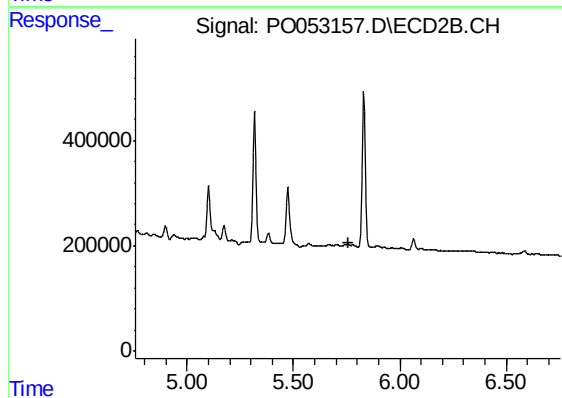
#30 AR-1254-5

R.T.: 6.065 min  
Delta R.T.: 0.000 min  
Response: 213944  
Conc: 10.69 ng/ml



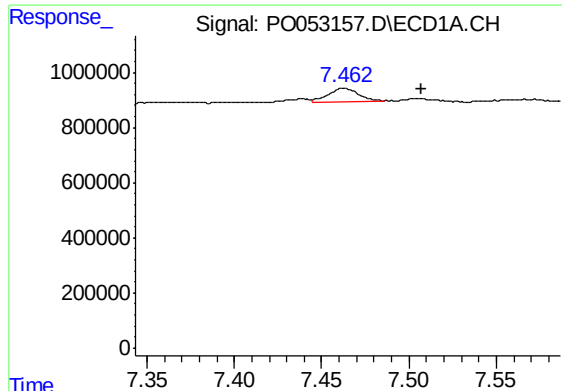
#32 AR-1260-2

R.T.: 7.158 min  
Delta R.T.: 0.004 min  
Response: 10570022  
Conc: 190.31 ng/ml



#32 AR-1260-2

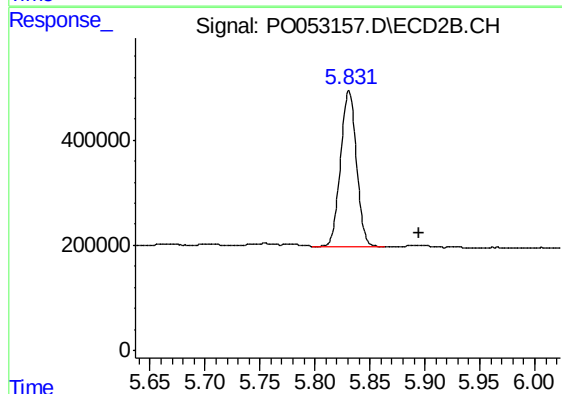
R.T.: 0.000 min  
Exp R.T. : 5.757 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

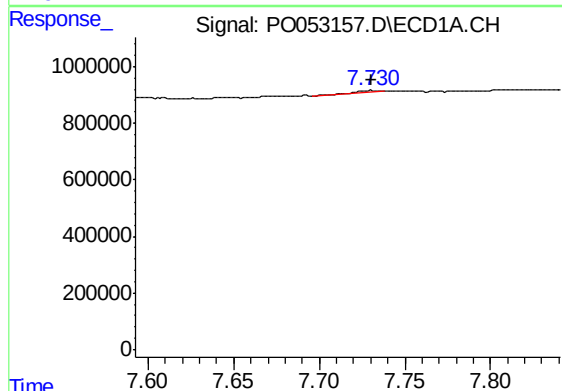
R.T.: 7.463 min  
Delta R.T.: -0.044 min  
Response: 557140  
Conc: 15.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



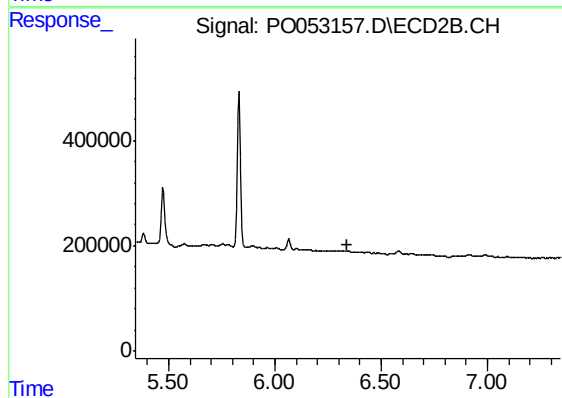
#33 AR-1260-3

R.T.: 5.831 min  
Delta R.T.: -0.064 min  
Response: 2990179  
Conc: 172.87 ng/ml



#34 AR-1260-4

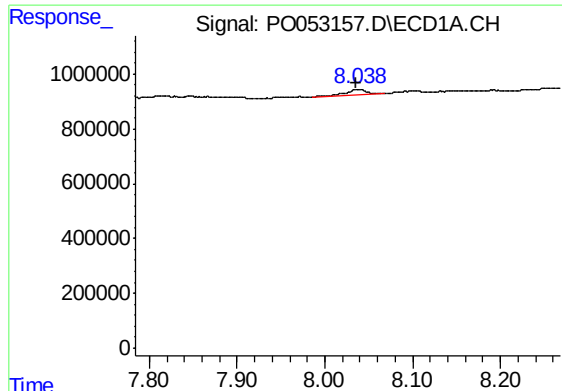
R.T.: 7.730 min  
Delta R.T.: 0.000 min  
Response: 50737  
Conc: 1.31 ng/ml



#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 6.343 min  
Response: 0  
Conc: N.D.

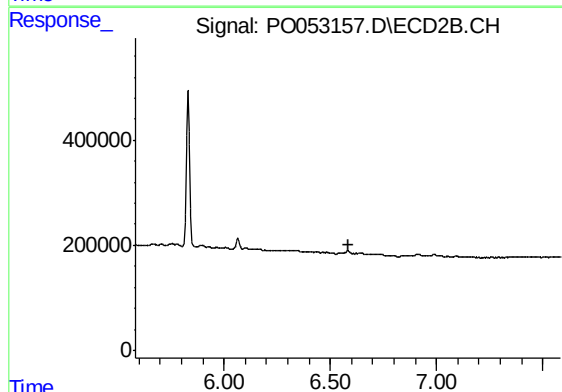




#35 AR-1260-5

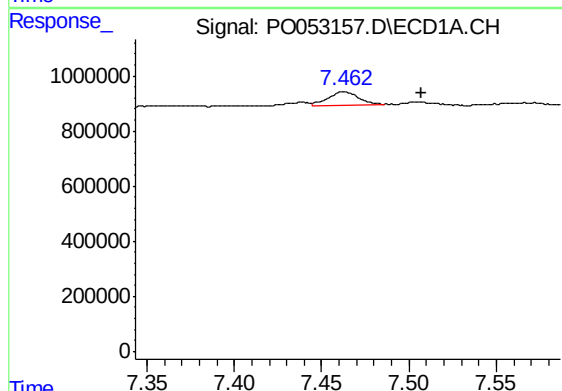
R.T.: 8.038 min  
Delta R.T.: 0.002 min  
Response: 384532  
Conc: 4.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



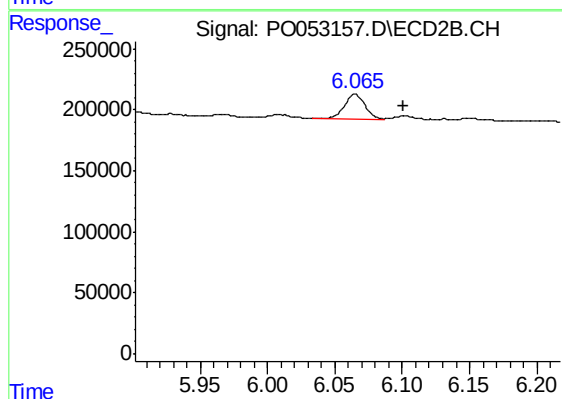
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 6.583 min  
Response: 0  
Conc: N.D.



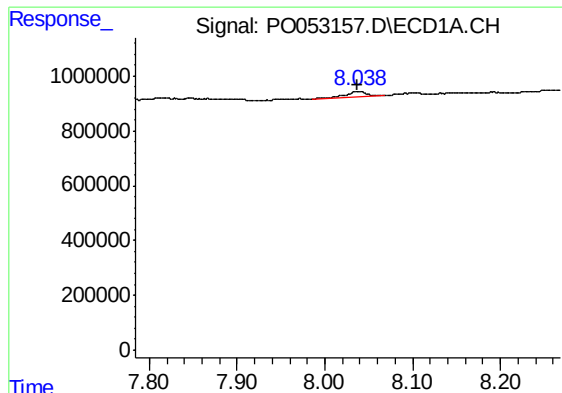
#36 AR-1262-1

R.T.: 7.463 min  
Delta R.T.: -0.045 min  
Response: 557140  
Conc: 10.00 ng/ml



#36 AR-1262-1

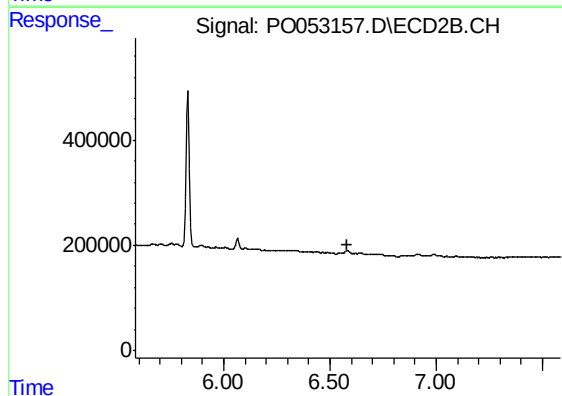
R.T.: 6.065 min  
Delta R.T.: -0.036 min  
Response: 213944  
Conc: 10.93 ng/ml



#37 AR-1262-2

R.T.: 8.038 min  
Delta R.T.: 0.001 min  
Response: 384532  
Conc: 4.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AU-05-010219-C



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 6.585 min  
Response: 0  
Conc: N.D.