

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0091818\  
 Data File : P0049088.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 18 Sep 2018 15:15  
 Operator : SM/SJ  
 Sample : J4935-05RE  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 19 00:57:16 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0091118.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 12 08:13:07 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... | 4.399  | 3.527 | 5526201 | 6775394 | 33.731  | 37.140     |
| 2)                          | SA Decachlor... | 10.123 | 8.465 | 5049077 | 4524675 | 22.663  | 24.383     |
|                             |                 |        |       |         |         |         |            |
| Target Compounds            |                 |        |       |         |         |         |            |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.074 | 0       | 4021471 | N.D.    | 579.674 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.685 | 0       | 94867   | N.D.    | 46.717 #   |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.821 | 0       | 213991  | N.D.    | 138.443 #  |
| 10)                         | L2 AR-1221-3    | 4.788  | 3.894 | 110119  | 145200  | 24.349  | 30.463 #   |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.407 | 0       | 192239  | N.D.    | 97.016 #   |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.478 | 0       | 157266  | N.D.    | 232.263 #  |
| 13)                         | L3 AR-1232-3    | 5.931  | 0.000 | 361825  | 0       | 670.873 | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.187 | 0       | 1698891 | N.D.    | 810.164 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.792 | 0       | 2206380 | N.D.    | 8664.122 # |
| 17)                         | L4 AR-1242-2    | 5.931  | 0.000 | 361825  | 0       | 111.181 | N.D. #     |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.263 | 0       | 1394264 | N.D.    | 1107.383 # |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.650 | 0       | 2737517 | N.D.    | 808.756 #  |
| 22)                         | L5 AR-1248-2    | 6.430  | 5.414 | 3499937 | 2061097 | 575.198 | 162.134 #  |
| 23)                         | L5 AR-1248-3    | 6.430  | 5.414 | 3499937 | 2061097 | 436.051 | 229.603 #  |
| 24)                         | L5 AR-1248-4    | 6.508  | 5.604 | 278793  | 2431318 | 36.357  | 299.585 #  |
| 25)                         | L5 AR-1248-5    | 6.710  | 5.934 | 243746  | 545600  | 46.509  | 86.994 #   |
| 26)                         | L6 AR-1254-1    | 6.648  | 0.000 | 177173  | 0       | 11.374  | N.D. #     |
| 27)                         | L6 AR-1254-2    | 6.914  | 5.843 | 177354  | 1286971 | 17.479  | 110.270 #  |
| 28)                         | L6 AR-1254-3    | 7.021  | 6.161 | 556351  | 106189  | 31.049  | 7.190 #    |
| 29)                         | L6 AR-1254-4    | 7.300  | 6.531 | 2682770 | 105429  | 194.028 | 9.434 #    |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.575 | 0       | 143069  | N.D.    | 6.835 #    |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.062 | 0       | 182044  | N.D.    | 13.419 #   |
| 32)                         | L7 AR-1260-2    | 7.433  | 6.234 | 613189  | 726083  | 44.195  | 42.810     |
| 33)                         | L7 AR-1260-3    | 7.718  | 6.402 | 45729   | 95202   | 3.046   | 5.924 #    |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.109 | 0       | 102578  | N.D.    | 3.337 #    |
| 36)                         | L8 AR-1262-1    | 7.021  | 5.934 | 556351  | 545600  | 84.576  | 72.824     |
| 38)                         | L8 AR-1262-3    | 0.000  | 6.952 | 0       | 124940  | N.D.    | 15.205 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.417 | 0       | 3686018 | N.D.    | 298.261 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 6.575 | 0       | 143069  | N.D.    | 18.858 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.417 | 0       | 3686018 | N.D.    | 110.837 #  |
| -----                       |                 |        |       |         |         |         |            |

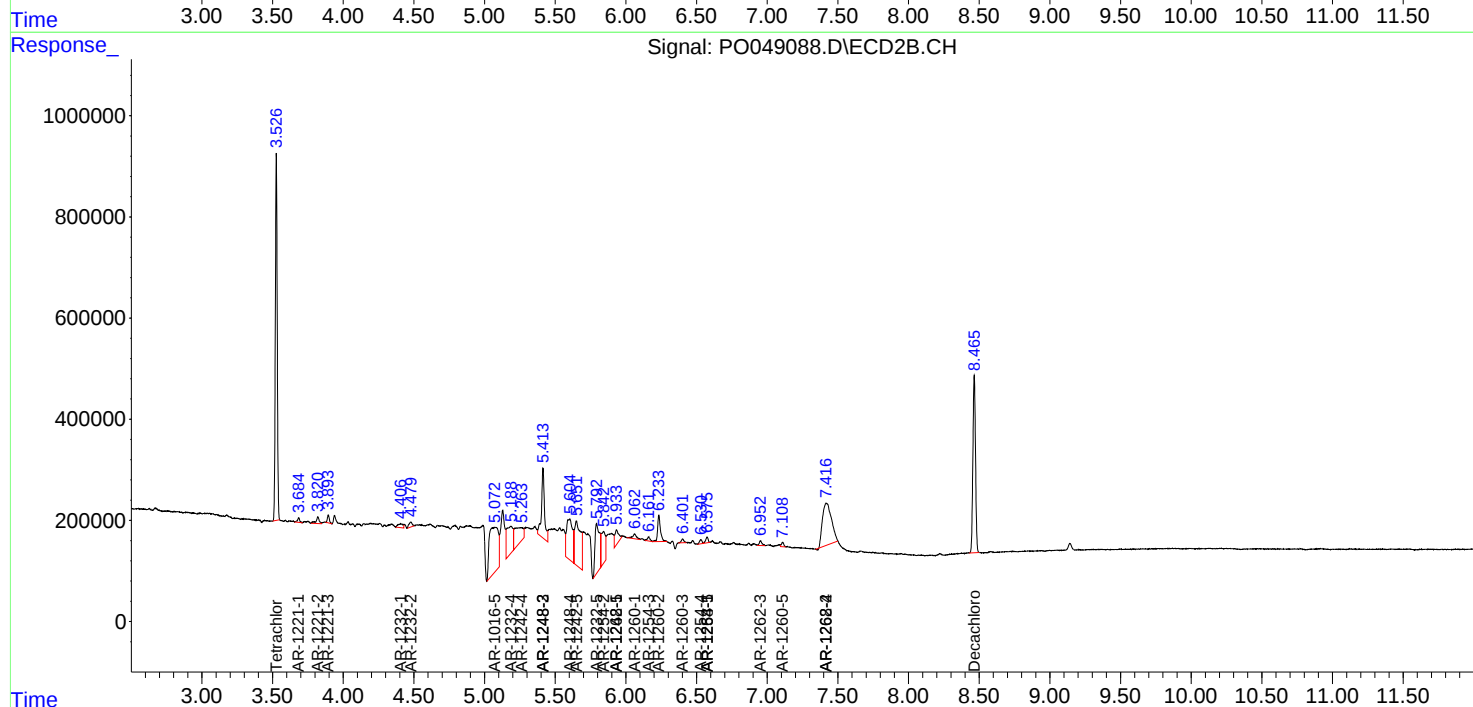
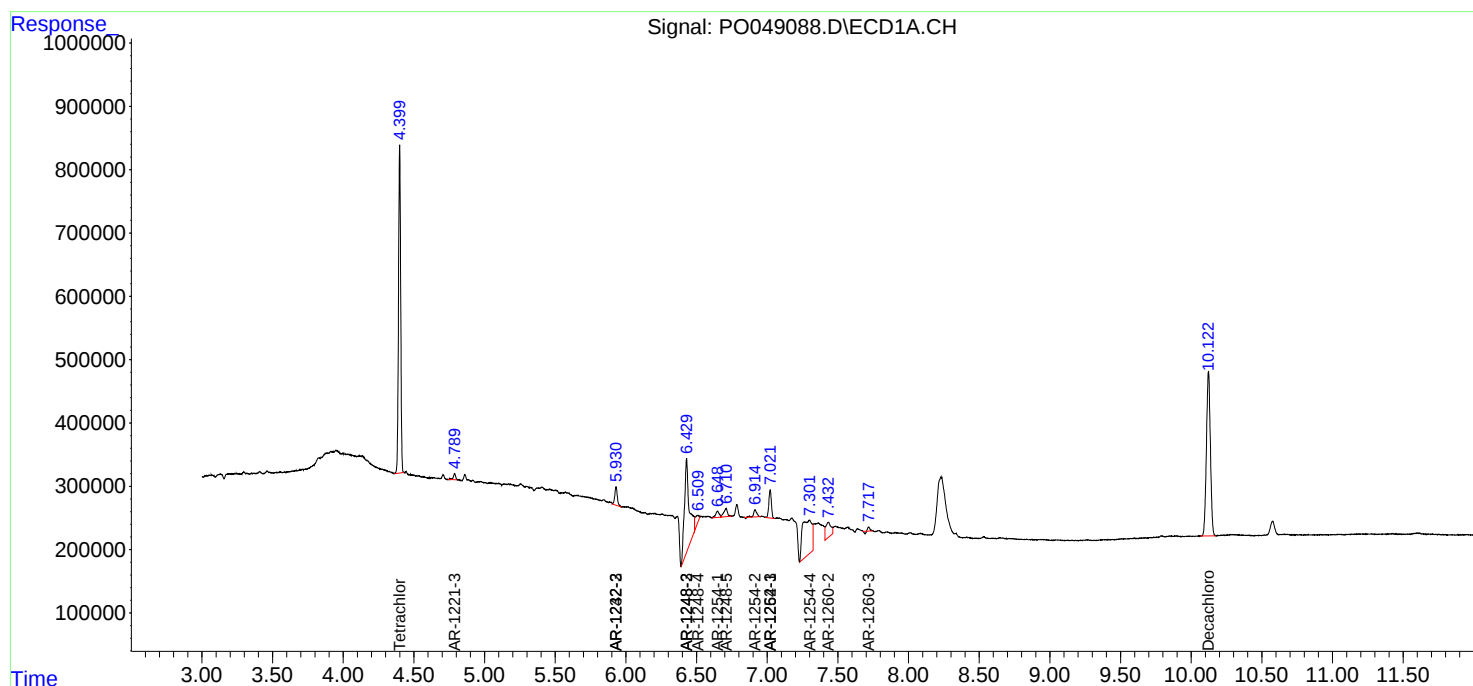
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

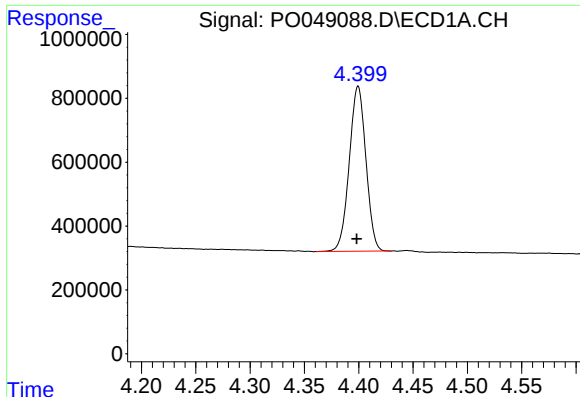
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO091818\  
Data File : PO049088.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 18 Sep 2018 15:15  
Operator : SM/SJ  
Sample : J4935-05RE  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 19 00:57:16 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO091118.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 12 08:13:07 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

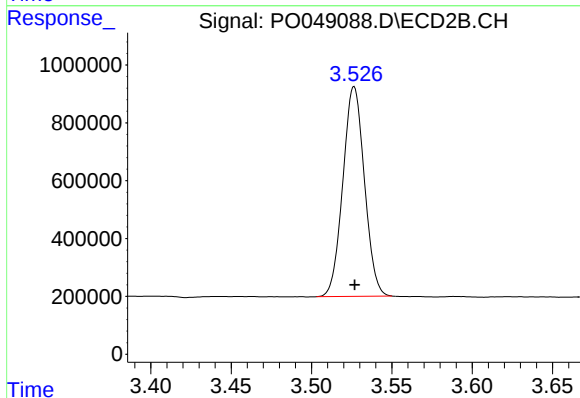




#1 Tetrachloro-m-xylene

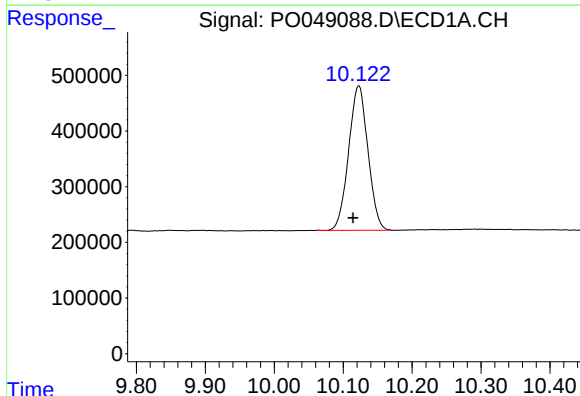
R.T.: 4.399 min  
Delta R.T.: 0.001 min  
Response: 5526201  
Conc: 33.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



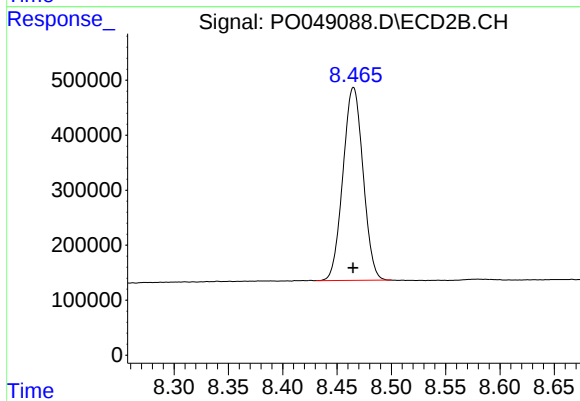
#1 Tetrachloro-m-xylene

R.T.: 3.527 min  
Delta R.T.: 0.000 min  
Response: 6775394  
Conc: 37.14 ng/ml



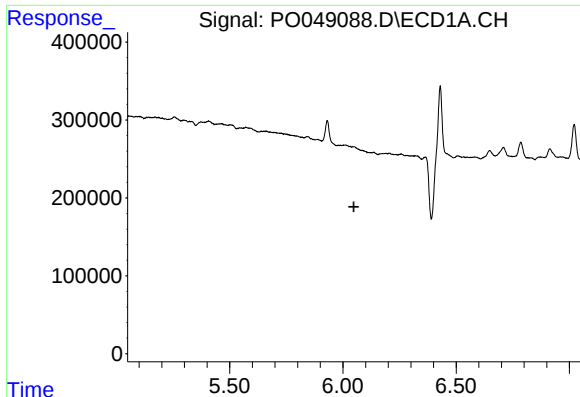
#2 Decachlorobiphenyl

R.T.: 10.123 min  
Delta R.T.: 0.008 min  
Response: 5049077  
Conc: 22.66 ng/ml



#2 Decachlorobiphenyl

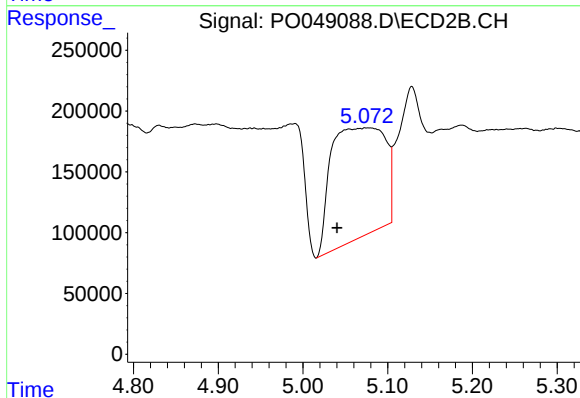
R.T.: 8.465 min  
Delta R.T.: 0.000 min  
Response: 4524675  
Conc: 24.38 ng/ml



#7 AR-1016-5

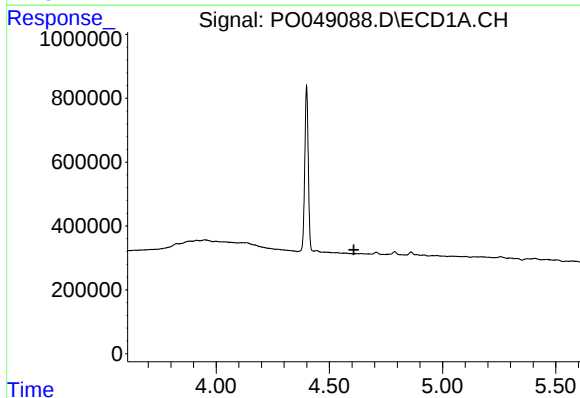
R.T.: 0.000 min  
Exp R.T.: 6.048 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



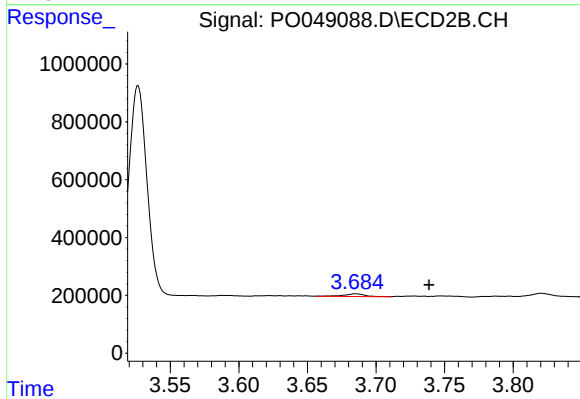
#7 AR-1016-5

R.T.: 5.074 min  
Delta R.T.: 0.034 min  
Response: 4021471  
Conc: 579.67 ng/ml



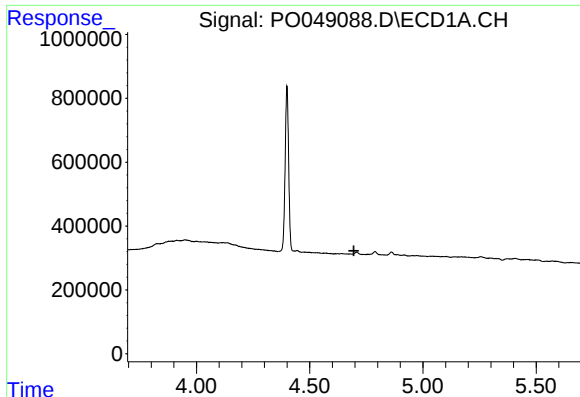
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T.: 4.609 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

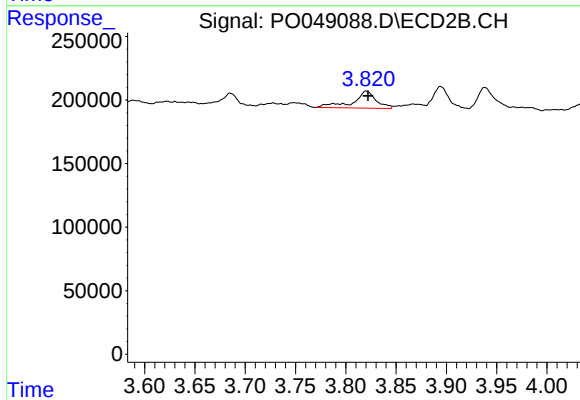
R.T.: 3.685 min  
Delta R.T.: -0.053 min  
Response: 94867  
Conc: 46.72 ng/ml



#9 AR-1221-2

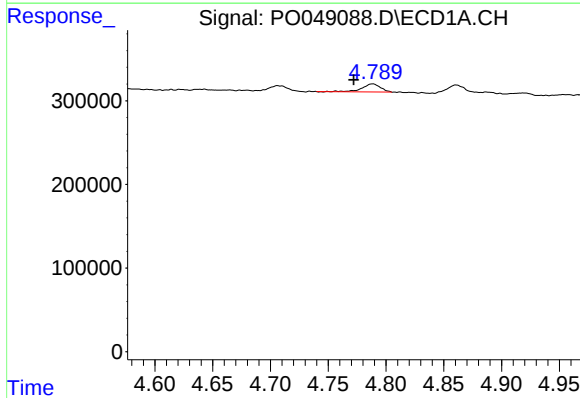
R.T.: 0.000 min  
Exp R.T.: 4.695 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



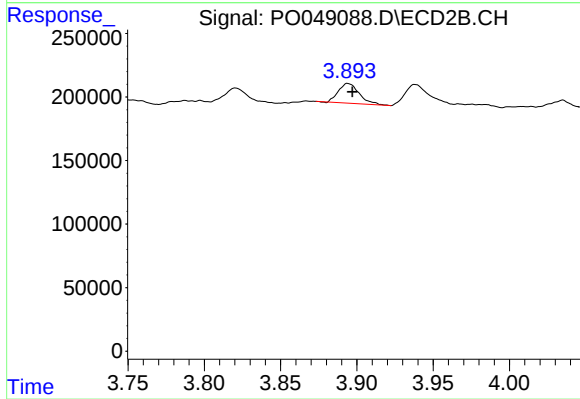
#9 AR-1221-2

R.T.: 3.821 min  
Delta R.T.: -0.002 min  
Response: 213991  
Conc: 138.44 ng/ml



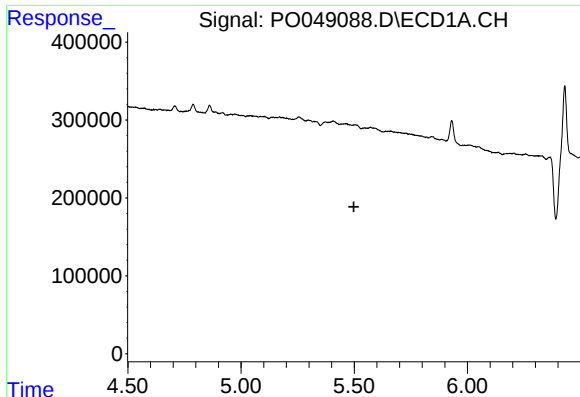
#10 AR-1221-3

R.T.: 4.788 min  
Delta R.T.: 0.016 min  
Response: 110119  
Conc: 24.35 ng/ml



#10 AR-1221-3

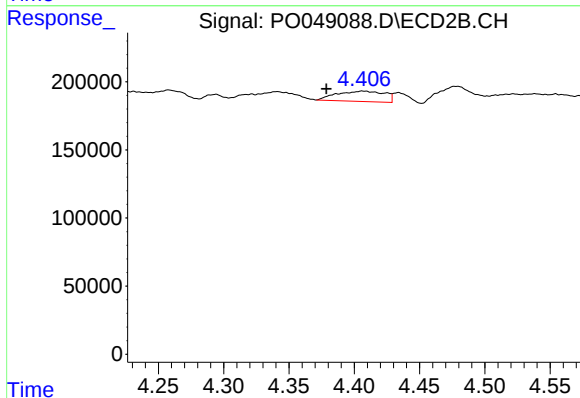
R.T.: 3.894 min  
Delta R.T.: -0.003 min  
Response: 145200  
Conc: 30.46 ng/ml



#11 AR-1232-1

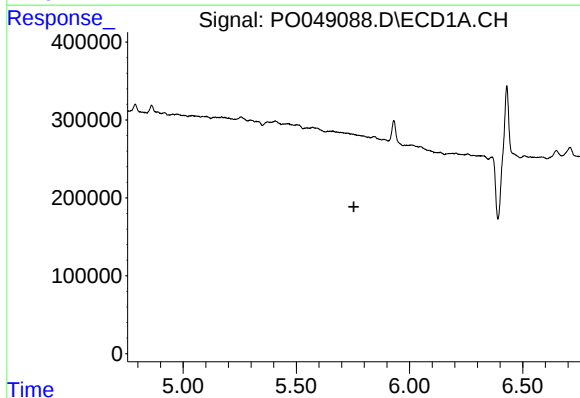
R.T.: 0.000 min  
Exp R.T.: 5.498 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



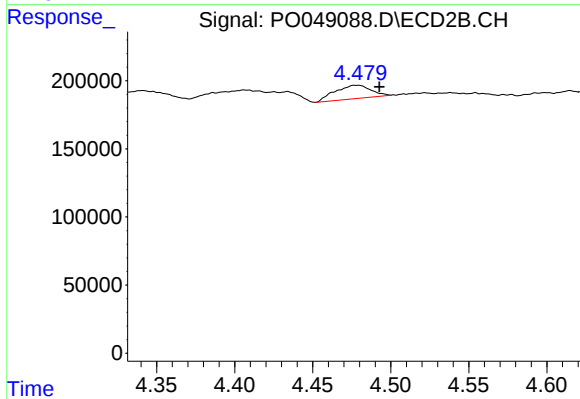
#11 AR-1232-1

R.T.: 4.407 min  
Delta R.T.: 0.028 min  
Response: 192239  
Conc: 97.02 ng/ml



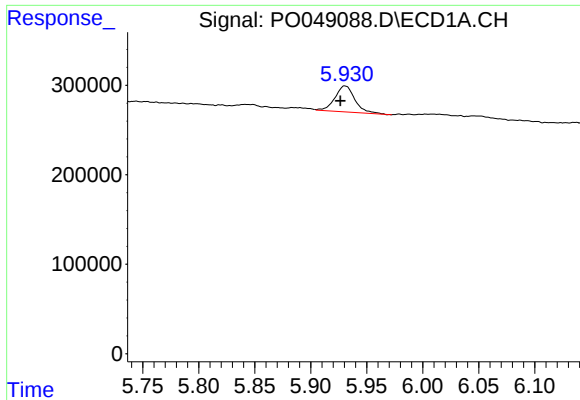
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 5.754 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

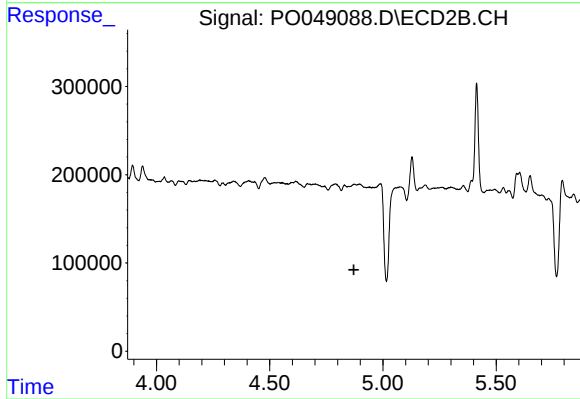
R.T.: 4.478 min  
Delta R.T.: -0.015 min  
Response: 157266  
Conc: 232.26 ng/ml



#13 AR-1232-3

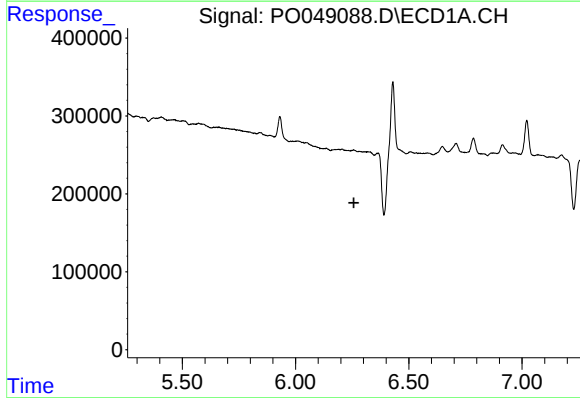
R.T.: 5.931 min  
Delta R.T.: 0.004 min  
Response: 361825  
Conc: 670.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



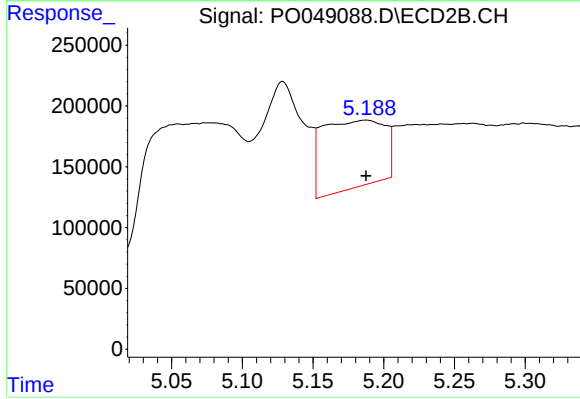
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.872 min  
Response: 0  
Conc: N.D.



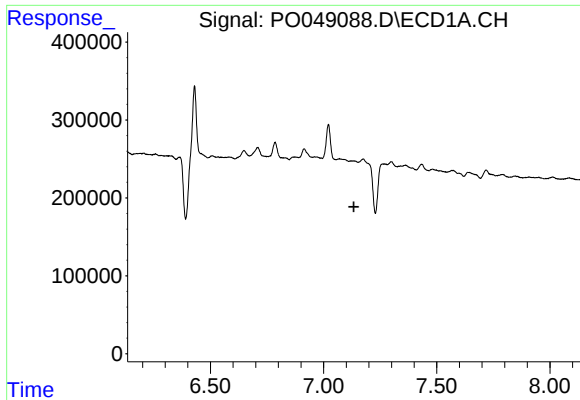
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.258 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

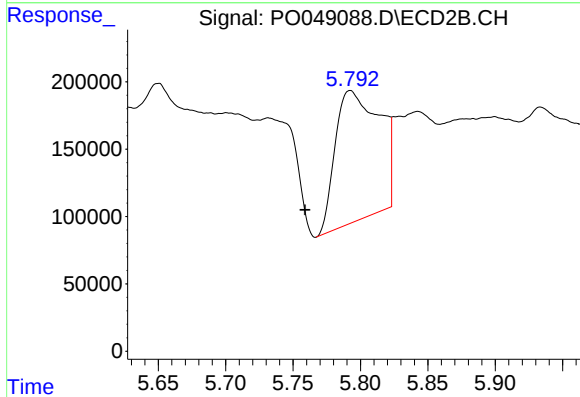
R.T.: 5.187 min  
Delta R.T.: 0.000 min  
Response: 1698891  
Conc: 810.16 ng/ml



#15 AR-1232-5

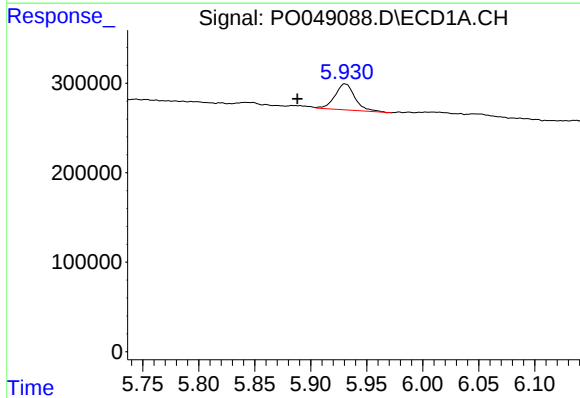
R.T.: 0.000 min  
Exp R.T.: 7.134 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



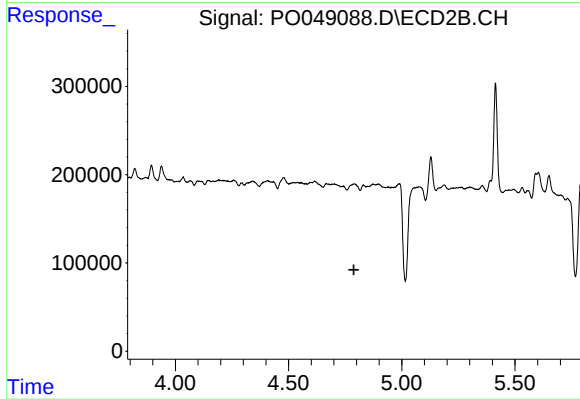
#15 AR-1232-5

R.T.: 5.792 min  
Delta R.T.: 0.034 min  
Response: 2206380  
Conc: 8664.12 ng/ml



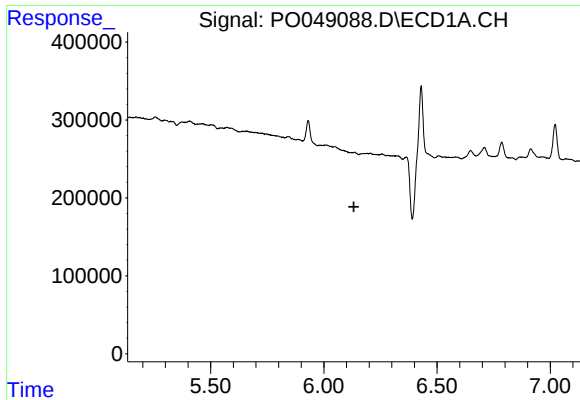
#17 AR-1242-2

R.T.: 5.931 min  
Delta R.T.: 0.042 min  
Response: 361825  
Conc: 111.18 ng/ml



#17 AR-1242-2

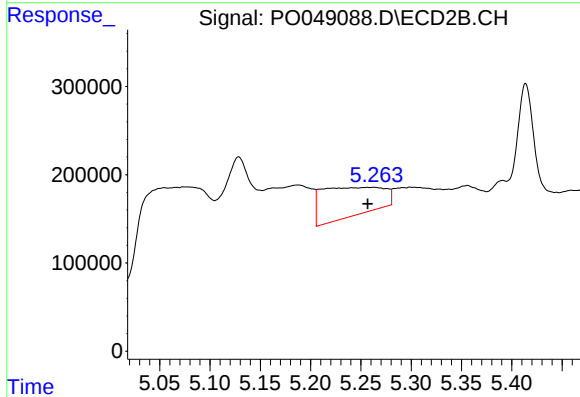
R.T.: 0.000 min  
Exp R.T.: 4.788 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

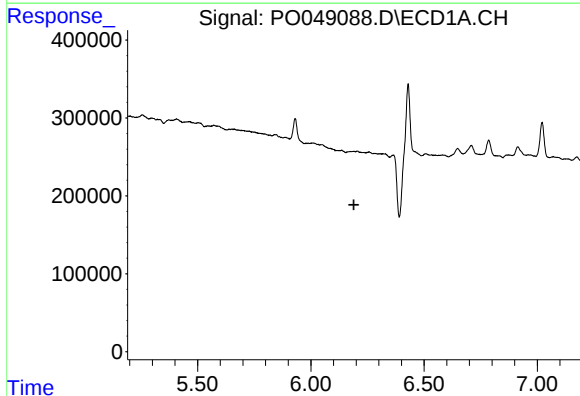
R.T.: 0.000 min  
Exp R.T.: 6.133 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



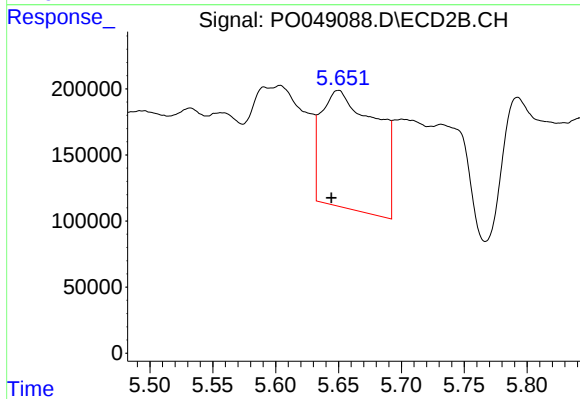
#19 AR-1242-4

R.T.: 5.263 min  
Delta R.T.: 0.006 min  
Response: 1394264  
Conc: 1107.38 ng/ml



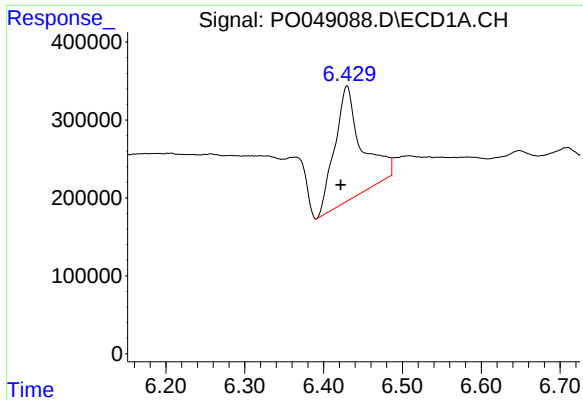
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.190 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

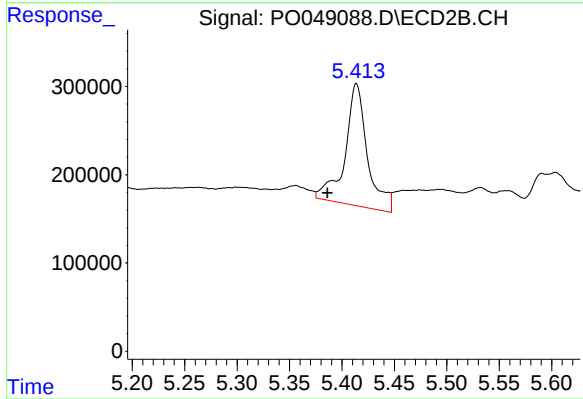
R.T.: 5.650 min  
Delta R.T.: 0.006 min  
Response: 2737517  
Conc: 808.76 ng/ml



#22 AR-1248-2

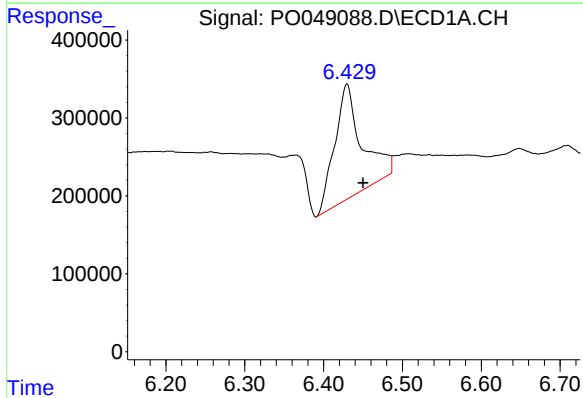
R.T.: 6.430 min  
Delta R.T.: 0.008 min  
Response: 3499937  
Conc: 575.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



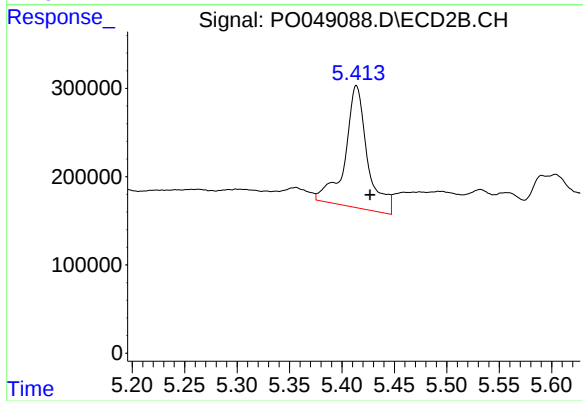
#22 AR-1248-2

R.T.: 5.414 min  
Delta R.T.: 0.028 min  
Response: 2061097  
Conc: 162.13 ng/ml



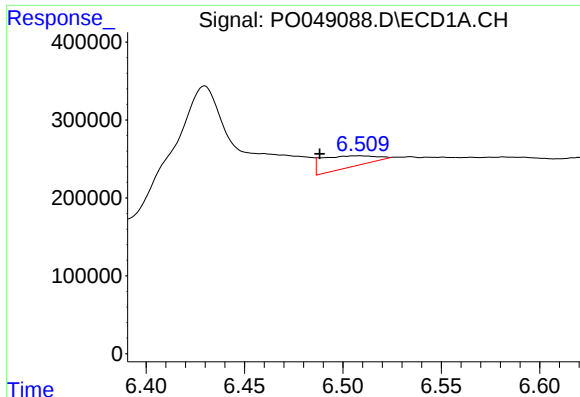
#23 AR-1248-3

R.T.: 6.430 min  
Delta R.T.: -0.021 min  
Response: 3499937  
Conc: 436.05 ng/ml



#23 AR-1248-3

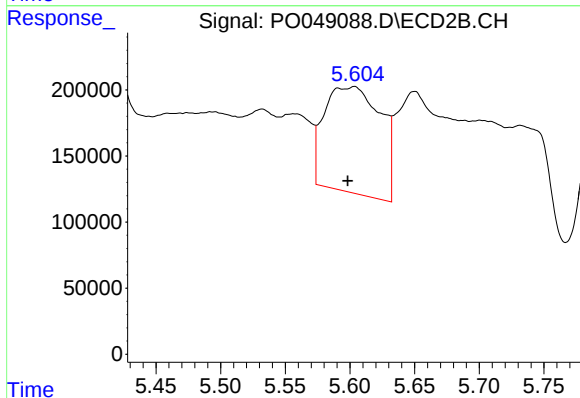
R.T.: 5.414 min  
Delta R.T.: -0.013 min  
Response: 2061097  
Conc: 229.60 ng/ml



#24 AR-1248-4

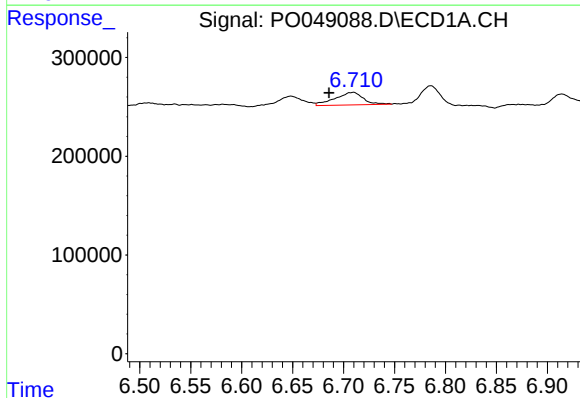
R.T.: 6.508 min  
Delta R.T.: 0.020 min  
Response: 278793  
Conc: 36.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



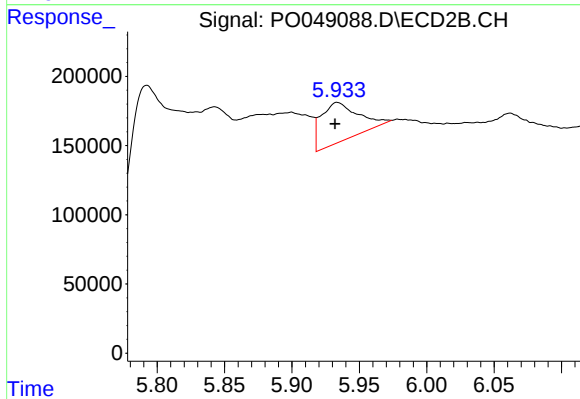
#24 AR-1248-4

R.T.: 5.604 min  
Delta R.T.: 0.005 min  
Response: 2431318  
Conc: 299.58 ng/ml



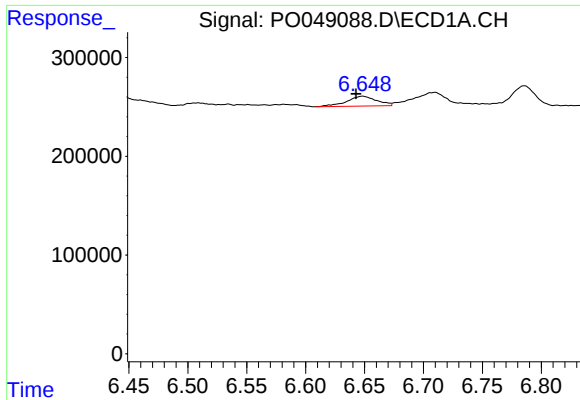
#25 AR-1248-5

R.T.: 6.710 min  
Delta R.T.: 0.024 min  
Response: 243746  
Conc: 46.51 ng/ml



#25 AR-1248-5

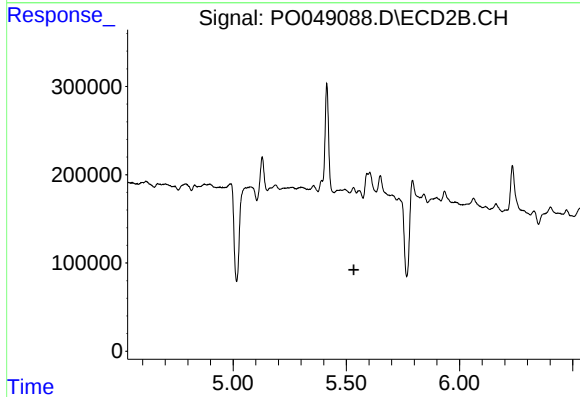
R.T.: 5.934 min  
Delta R.T.: 0.002 min  
Response: 545600  
Conc: 86.99 ng/ml



#26 AR-1254-1

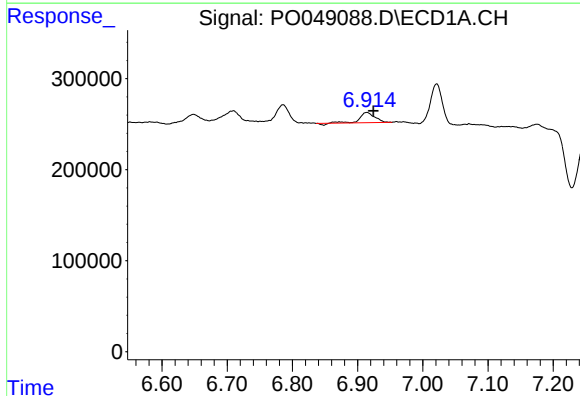
R.T.: 6.648 min  
Delta R.T.: 0.006 min  
Response: 177173  
Conc: 11.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



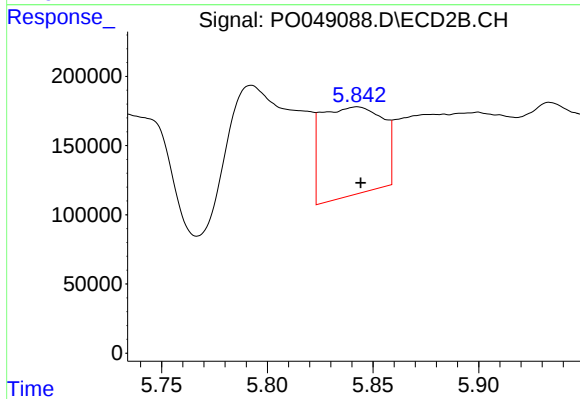
#26 AR-1254-1

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



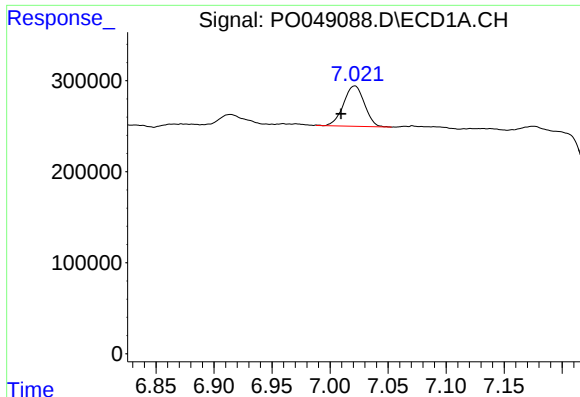
#27 AR-1254-2

R.T.: 6.914 min  
Delta R.T.: -0.010 min  
Response: 177354  
Conc: 17.48 ng/ml



#27 AR-1254-2

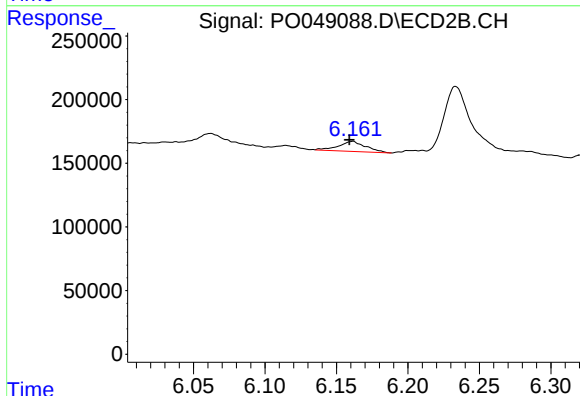
R.T.: 5.843 min  
Delta R.T.: -0.002 min  
Response: 1286971  
Conc: 110.27 ng/ml



#28 AR-1254-3

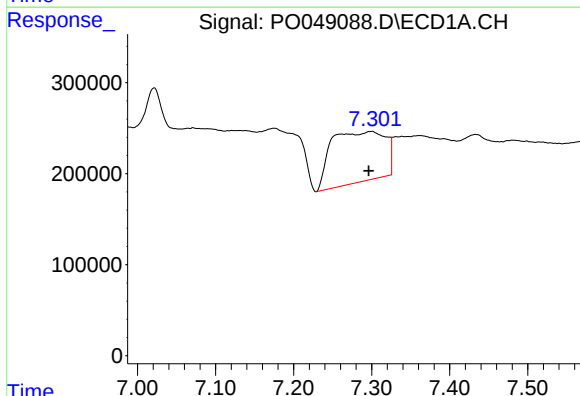
R.T.: 7.021 min  
Delta R.T.: 0.012 min  
Response: 556351  
Conc: 31.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



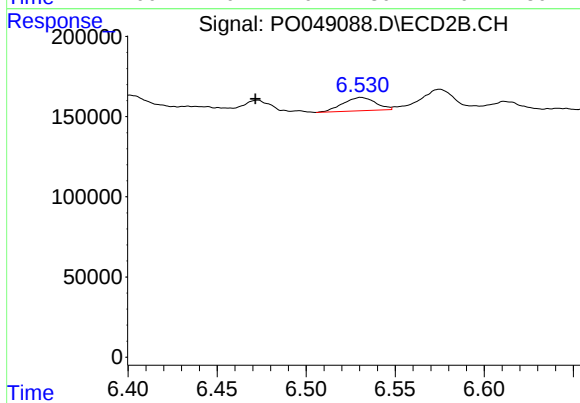
#28 AR-1254-3

R.T.: 6.161 min  
Delta R.T.: 0.002 min  
Response: 106189  
Conc: 7.19 ng/ml



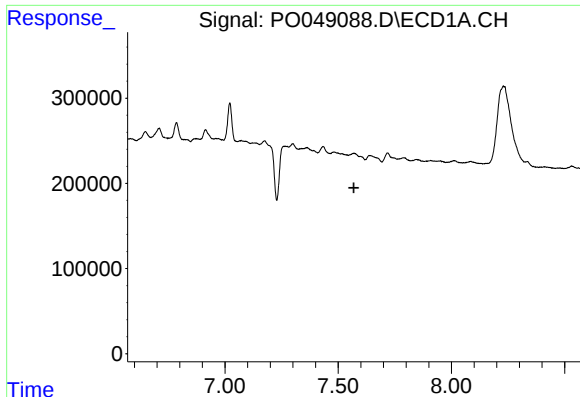
#29 AR-1254-4

R.T.: 7.300 min  
Delta R.T.: 0.004 min  
Response: 2682770  
Conc: 194.03 ng/ml



#29 AR-1254-4

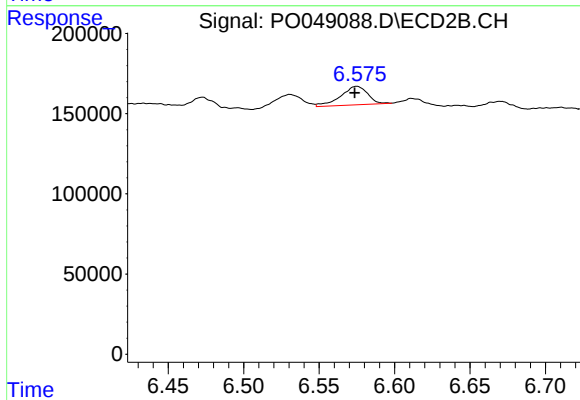
R.T.: 6.531 min  
Delta R.T.: 0.059 min  
Response: 105429  
Conc: 9.43 ng/ml



#30 AR-1254-5

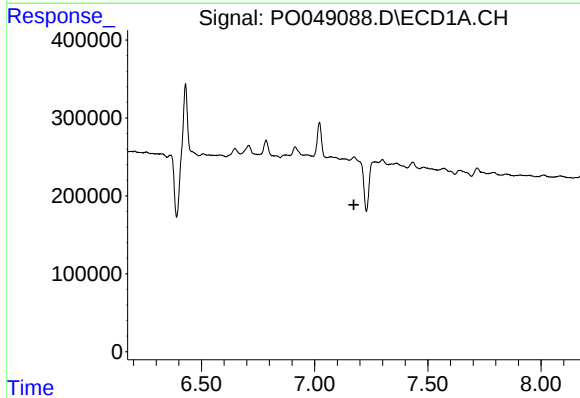
R.T.: 0.000 min  
Exp R.T. : 7.570 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



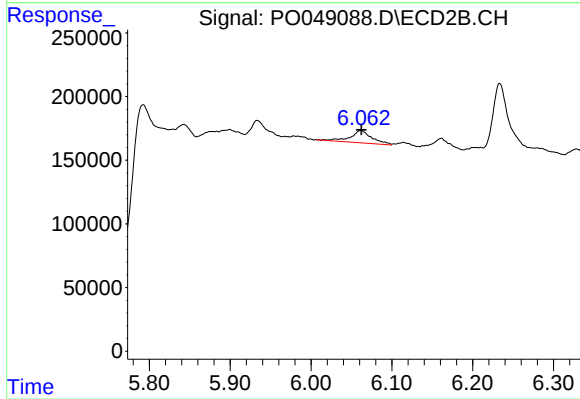
#30 AR-1254-5

R.T.: 6.575 min  
Delta R.T.: 0.001 min  
Response: 143069  
Conc: 6.83 ng/ml



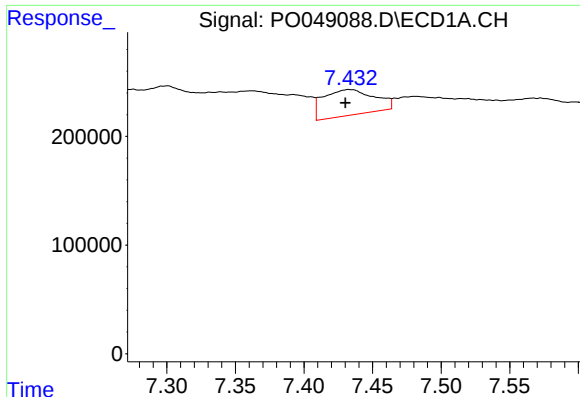
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.174 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

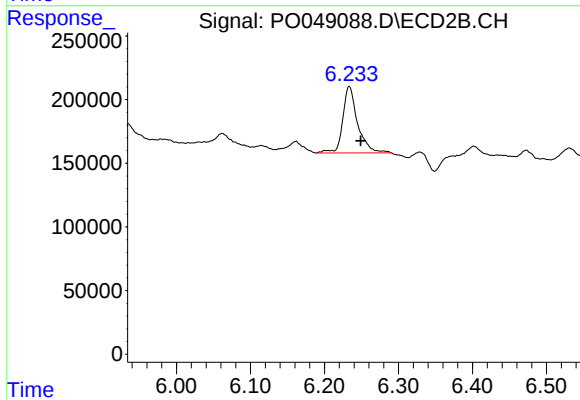
R.T.: 6.062 min  
Delta R.T.: 0.000 min  
Response: 182044  
Conc: 13.42 ng/ml



#32 AR-1260-2

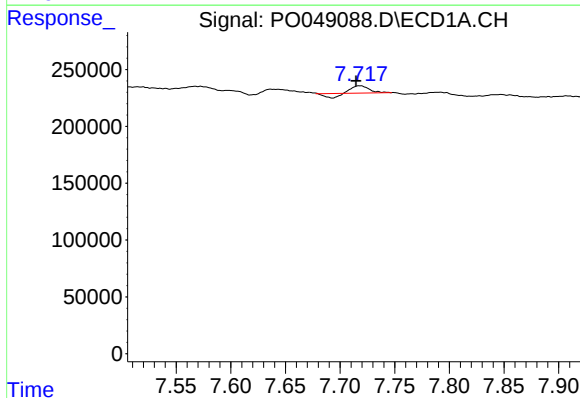
R.T.: 7.433 min  
Delta R.T.: 0.003 min  
Response: 613189  
Conc: 44.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



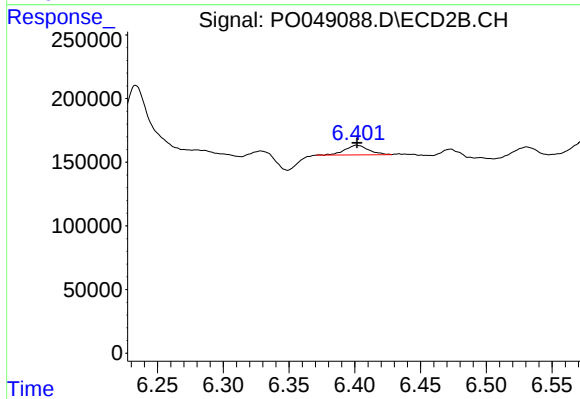
#32 AR-1260-2

R.T.: 6.234 min  
Delta R.T.: -0.015 min  
Response: 726083  
Conc: 42.81 ng/ml



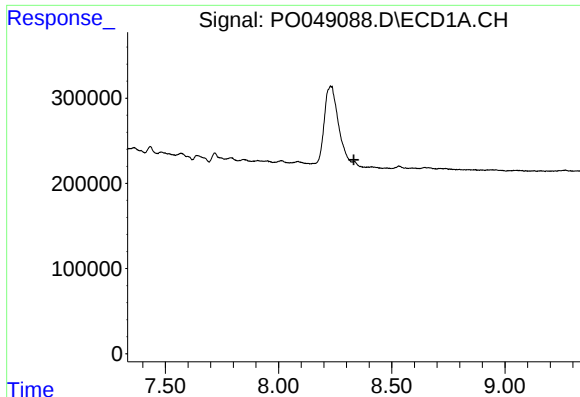
#33 AR-1260-3

R.T.: 7.718 min  
Delta R.T.: 0.003 min  
Response: 45729  
Conc: 3.05 ng/ml



#33 AR-1260-3

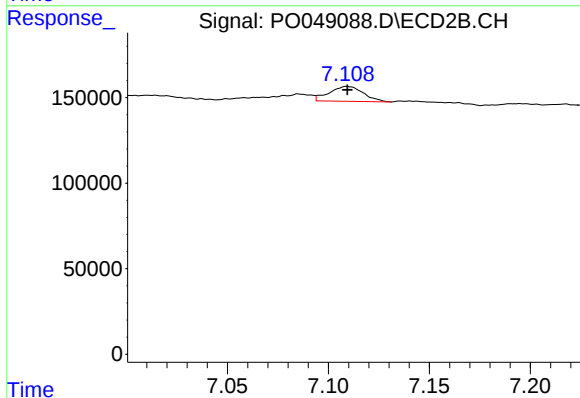
R.T.: 6.402 min  
Delta R.T.: 0.000 min  
Response: 95202  
Conc: 5.92 ng/ml



#35 AR-1260-5

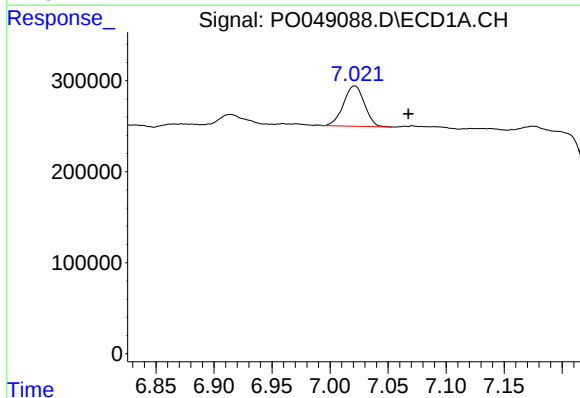
R.T.: 0.000 min  
Exp R.T.: 8.333 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



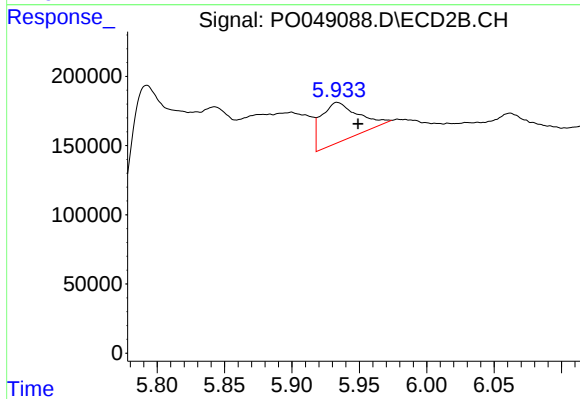
#35 AR-1260-5

R.T.: 7.109 min  
Delta R.T.: 0.000 min  
Response: 102578  
Conc: 3.34 ng/ml



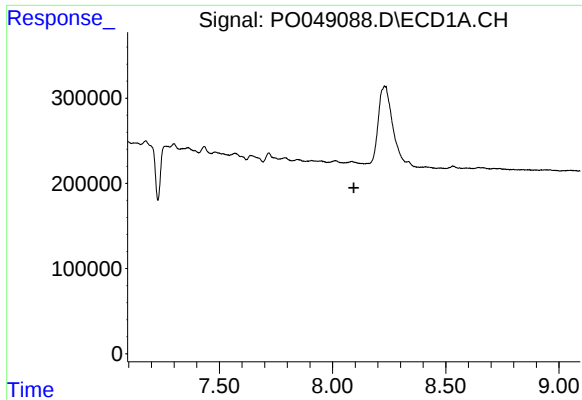
#36 AR-1262-1

R.T.: 7.021 min  
Delta R.T.: -0.046 min  
Response: 556351  
Conc: 84.58 ng/ml



#36 AR-1262-1

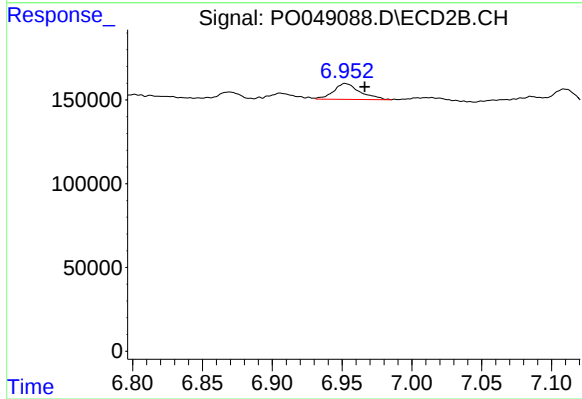
R.T.: 5.934 min  
Delta R.T.: -0.015 min  
Response: 545600  
Conc: 72.82 ng/ml



#38 AR-1262-3

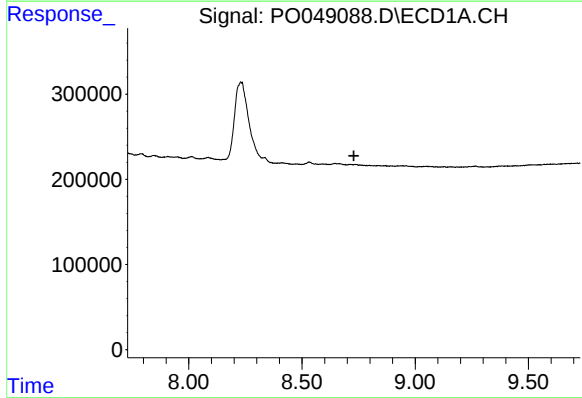
R.T.: 0.000 min  
Exp R.T.: 8.094 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



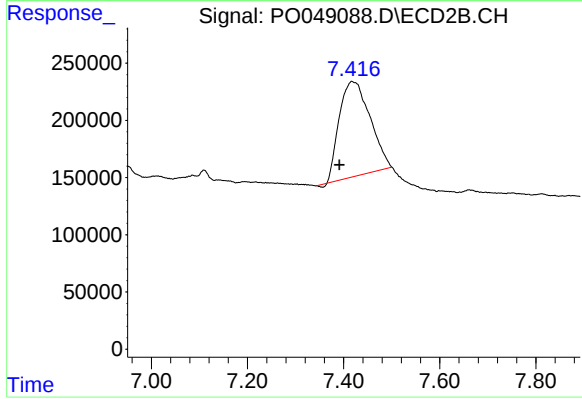
#38 AR-1262-3

R.T.: 6.952 min  
Delta R.T.: -0.014 min  
Response: 124940  
Conc: 15.20 ng/ml



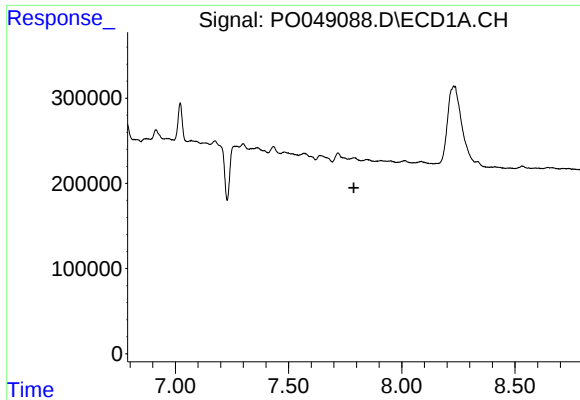
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 8.730 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

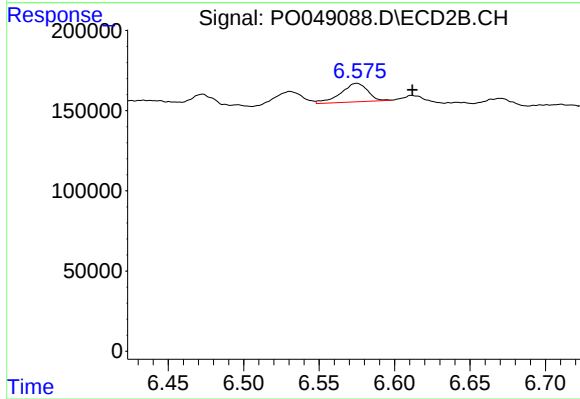
R.T.: 7.417 min  
Delta R.T.: 0.026 min  
Response: 3686018  
Conc: 298.26 ng/ml



#41 AR-1268-1

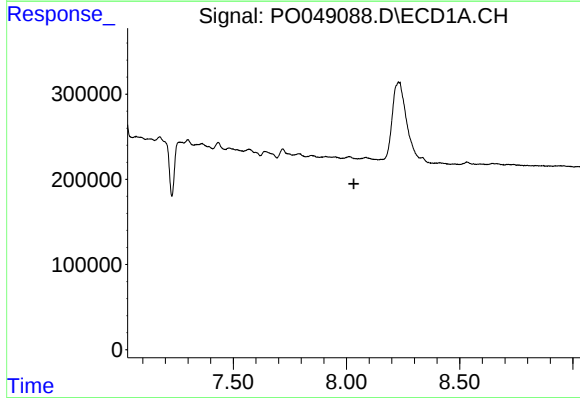
R.T.: 0.000 min  
Exp R.T.: 7.788 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



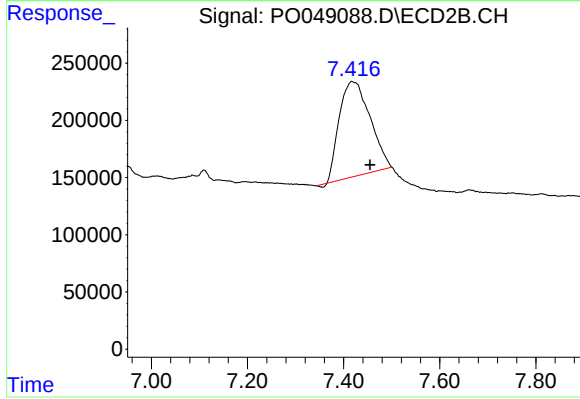
#41 AR-1268-1

R.T.: 6.575 min  
Delta R.T.: -0.037 min  
Response: 143069  
Conc: 18.86 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.033 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.417 min  
Delta R.T.: -0.038 min  
Response: 3686018  
Conc: 110.84 ng/ml