

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0091218\  
 Data File : P0048910.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Sep 2018 8:06  
 Operator : SM/SJ  
 Sample : HEXANE  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 12 08:43:21 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 |              |       |       |         |         |          |             |
| Target Compounds            |              |       |       |         |         |          |             |
| 7)                          | L1 AR-1016-5 | 0.000 | 5.083 | 0       | 7728552 | N.D.     | 1114.030 #  |
| 9)                          | L2 AR-1221-2 | 0.000 | 3.831 | 0       | 104612  | N.D.     | 67.680 #    |
| 10)                         | L2 AR-1221-3 | 4.778 | 3.831 | 74247   | 104612  | 16.417   | 21.948 #    |
| 11)                         | L3 AR-1232-1 | 0.000 | 4.350 | 0       | 263246  | N.D.     | 132.850 #   |
| 12)                         | L3 AR-1232-2 | 0.000 | 4.491 | 0       | 196709  | N.D.     | 290.516 #   |
| 13)                         | L3 AR-1232-3 | 5.945 | 4.875 | 3505695 | 133988  | 6500.040 | 71.404 #    |
| 14)                         | L3 AR-1232-4 | 0.000 | 5.189 | 0       | 1191508 | N.D.     | 568.204 #   |
| 15)                         | L3 AR-1232-5 | 0.000 | 5.810 | 0       | 4171174 | N.D.     | 16379.576 # |
| 17)                         | L4 AR-1242-2 | 5.945 | 4.794 | 3505695 | -771    | 1077.226 | N.D. #      |
| 18)                         | L4 AR-1242-3 | 0.000 | 4.902 | 0       | 25810   | N.D.     | 17.635 #    |
| 19)                         | L4 AR-1242-4 | 0.000 | 5.227 | 0       | 880329  | N.D.     | 699.194 #   |
| 20)                         | L4 AR-1242-5 | 0.000 | 5.639 | 0       | 2778146 | N.D.     | 820.759 #   |
| 22)                         | L5 AR-1248-2 | 6.443 | 5.416 | 9278170 | 2037671 | 1524.823 | 160.291 #   |
| 23)                         | L5 AR-1248-3 | 6.443 | 5.416 | 9278170 | 2037671 | 1155.951 | 226.993 #   |
| 24)                         | L5 AR-1248-4 | 6.529 | 5.608 | 6354704 | 2661535 | 828.703  | 327.952 #   |
| 25)                         | L5 AR-1248-5 | 6.652 | 5.945 | 2721396 | 342551  | 519.273  | 54.619 #    |
| 26)                         | L6 AR-1254-1 | 6.652 | 5.563 | 2721396 | 1759084 | 174.710  | 132.670     |
| 27)                         | L6 AR-1254-2 | 6.892 | 5.843 | -122250 | 2339359 | N.D.     | 200.441 #   |
| 28)                         | L6 AR-1254-3 | 7.035 | 0.000 | 3908001 | 0       | 218.100  | N.D. #      |
| 29)                         | L6 AR-1254-4 | 7.311 | 0.000 | 2486618 | 0       | 179.841  | N.D. #      |
| 30)                         | L6 AR-1254-5 | 0.000 | 6.576 | 0       | 130637  | N.D.     | 6.241 #     |
| 32)                         | L7 AR-1260-2 | 0.000 | 6.235 | 0       | 1007212 | N.D.     | 59.386 #    |
| 33)                         | L7 AR-1260-3 | 7.728 | 6.332 | 290250  | 138152  | 19.335   | 8.597 #     |
| 35)                         | L7 AR-1260-5 | 0.000 | 7.113 | 0       | 259095  | N.D.     | 8.428 #     |
| 36)                         | L8 AR-1262-1 | 7.035 | 5.945 | 3908001 | 342551  | 594.094  | 45.722 #    |
| 39)                         | L8 AR-1262-4 | 0.000 | 7.416 | 0       | 7350718 | N.D.     | 594.797 #   |
| 41)                         | L9 AR-1268-1 | 7.728 | 6.576 | 290250  | 130637  | 56.758   | 17.219 #    |
| 42)                         | L9 AR-1268-2 | 0.000 | 7.416 | 0       | 7350718 | N.D.     | 221.032 #   |
| -----                       |              |       |       |         |         |          |             |

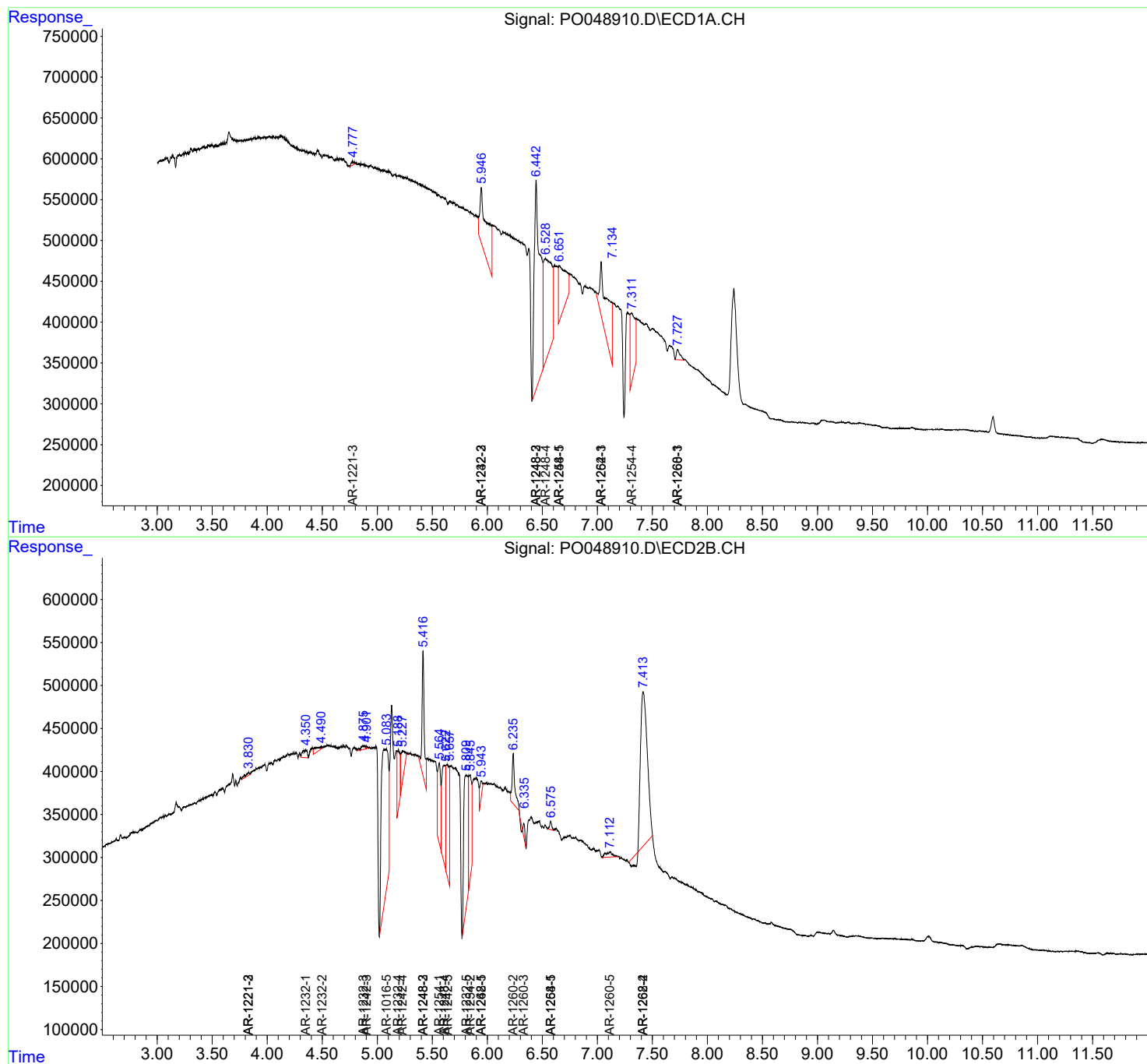
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

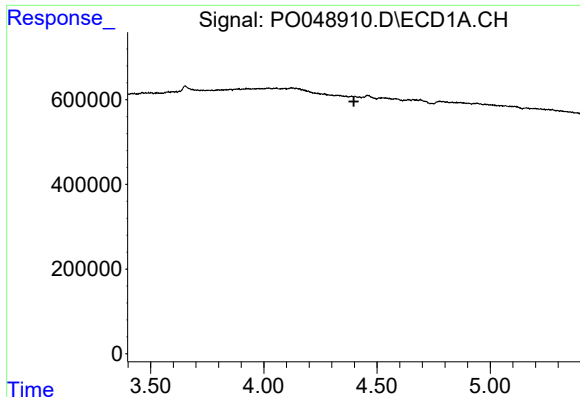
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO091218\  
Data File : PO048910.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Sep 2018 8:06  
Operator : SM/SJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 12 08:43:21 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

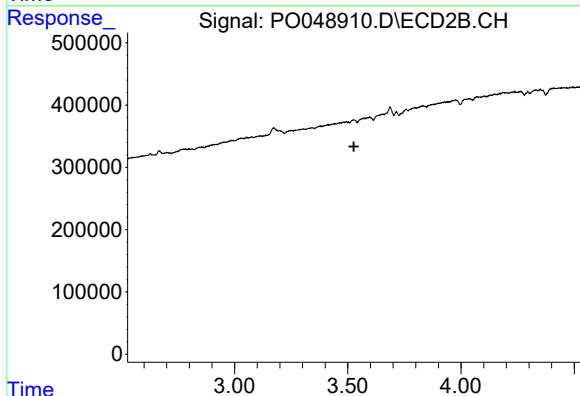




#1 Tetrachloro-m-xylene

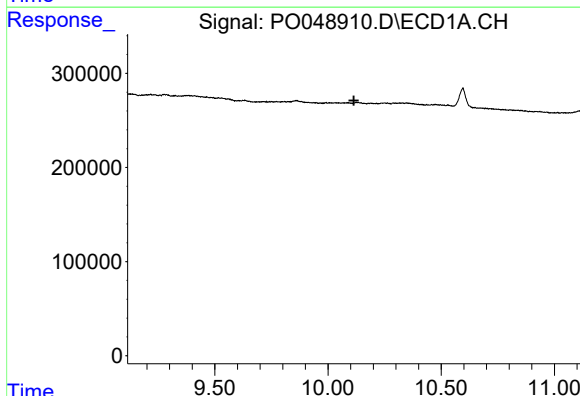
R.T.: 0.000 min  
Exp R.T. : 4.398 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



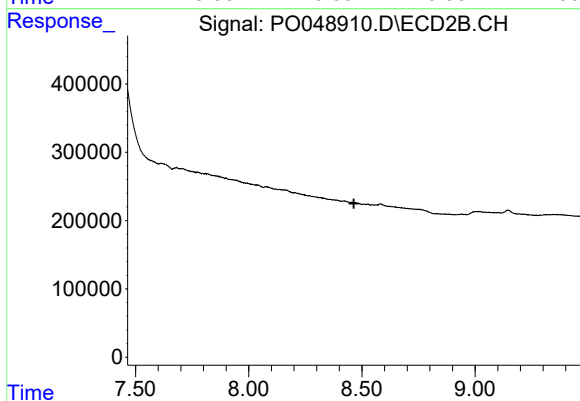
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 3.527 min  
Response: 0  
Conc: N.D.



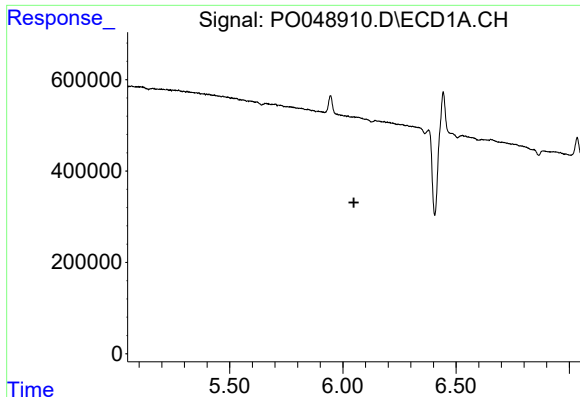
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 10.114 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

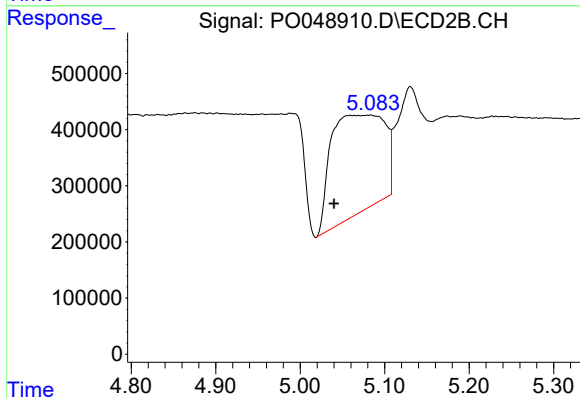
R.T.: 0.000 min  
Exp R.T. : 8.465 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

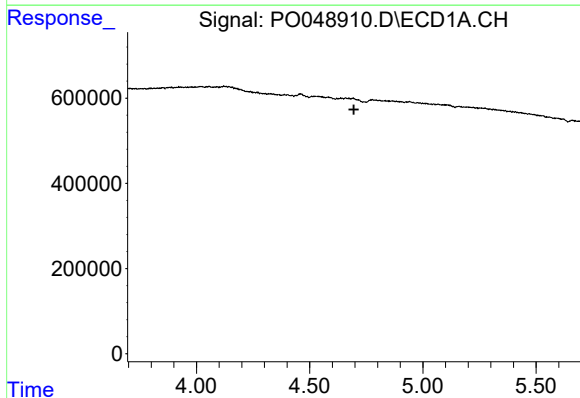
R.T.: 0.000 min  
Exp R.T. : 6.048 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



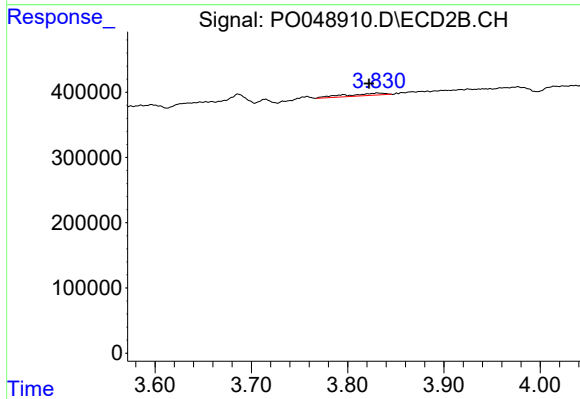
#7 AR-1016-5

R.T.: 5.083 min  
Delta R.T.: 0.043 min  
Response: 7728552  
Conc: 1114.03 ng/ml



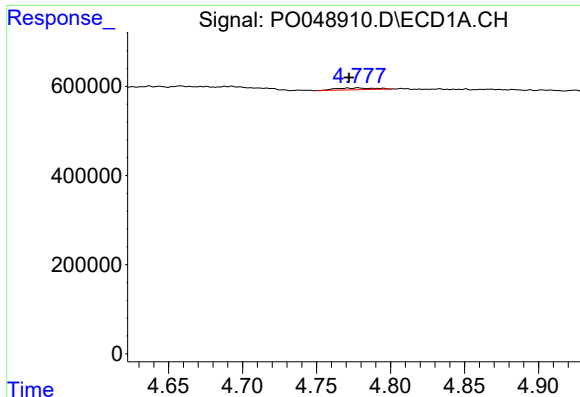
#9 AR-1221-2

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



#9 AR-1221-2

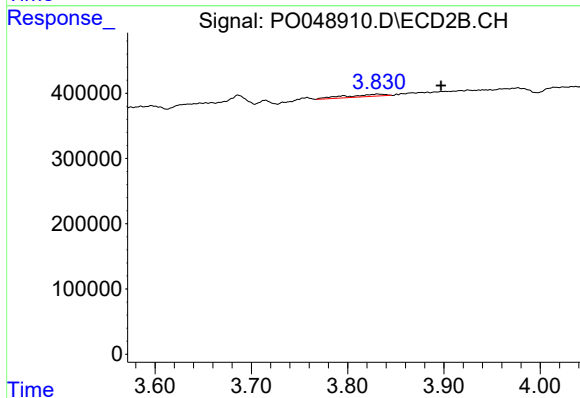
R.T.: 3.831 min  
Delta R.T.: 0.009 min  
Response: 104612  
Conc: 67.68 ng/ml



#10 AR-1221-3

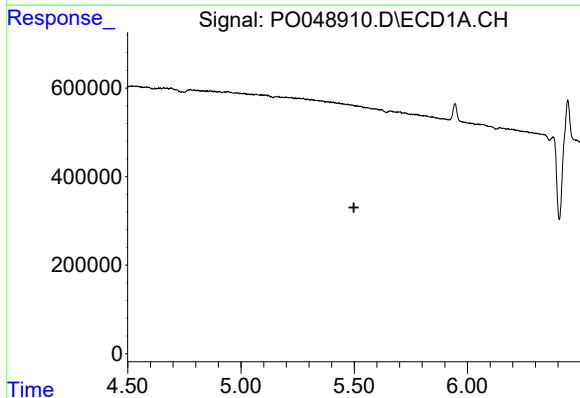
R.T.: 4.778 min  
Delta R.T.: 0.006 min  
Response: 74247  
Conc: 16.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



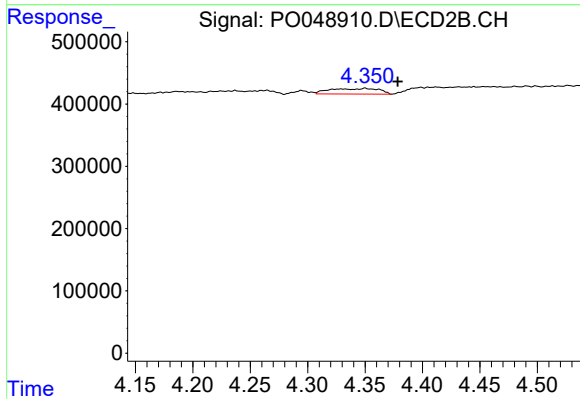
#10 AR-1221-3

R.T.: 3.831 min  
Delta R.T.: -0.066 min  
Response: 104612  
Conc: 21.95 ng/ml



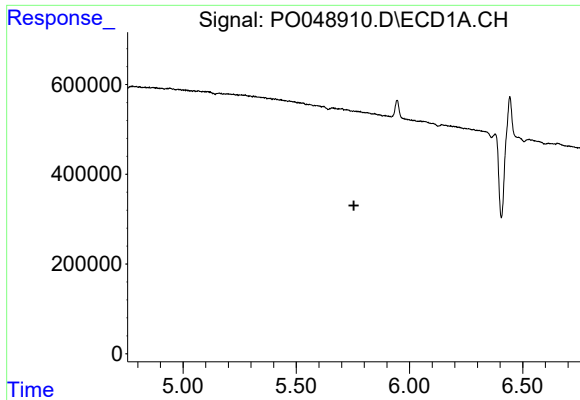
#11 AR-1232-1

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



#11 AR-1232-1

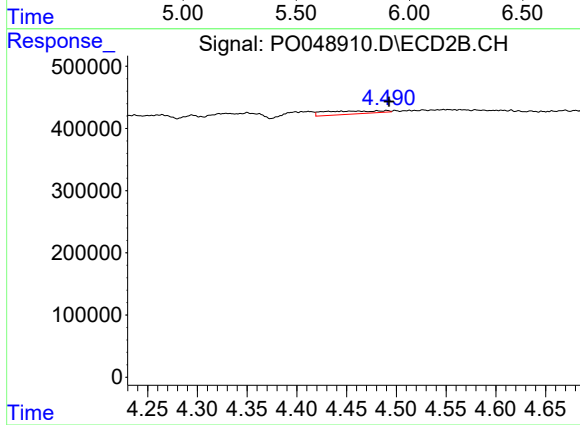
R.T.: 4.350 min  
Delta R.T.: -0.029 min  
Response: 263246  
Conc: 132.85 ng/ml



#12 AR-1232-2

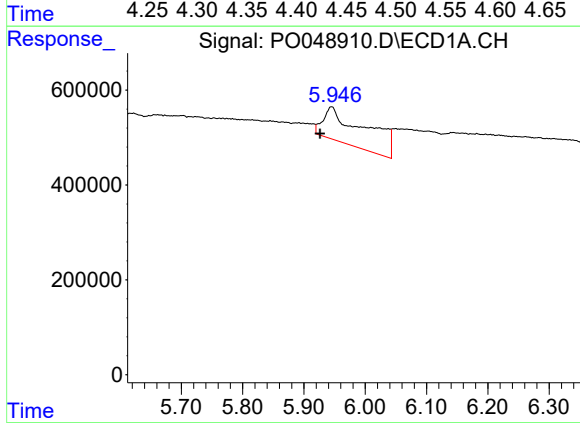
R.T.: 0.000 min  
Exp R.T.: 5.754 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



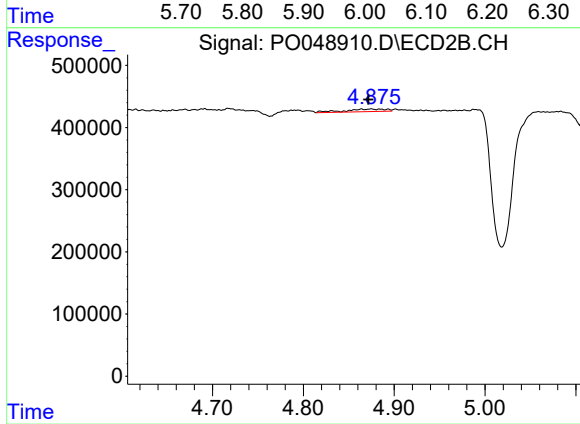
#12 AR-1232-2

R.T.: 4.491 min  
Delta R.T.: -0.002 min  
Response: 196709  
Conc: 290.52 ng/ml



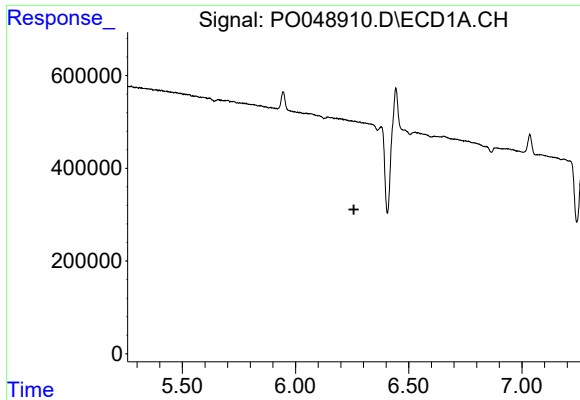
#13 AR-1232-3

R.T.: 5.945 min  
Delta R.T.: 0.019 min  
Response: 3505695  
Conc: 6500.04 ng/ml



#13 AR-1232-3

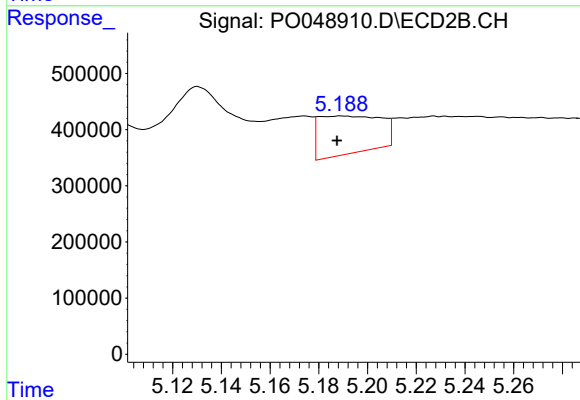
R.T.: 4.875 min  
Delta R.T.: 0.003 min  
Response: 133988  
Conc: 71.40 ng/ml



#14 AR-1232-4

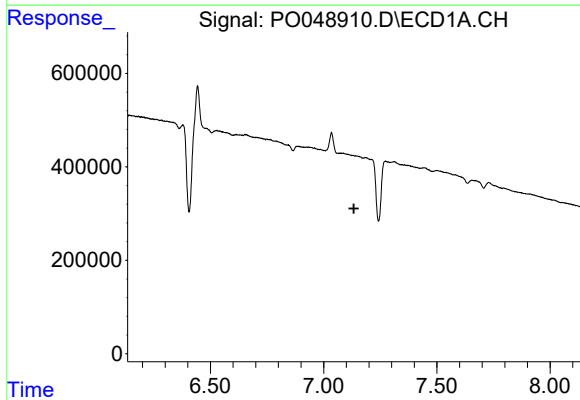
R.T.: 0.000 min  
Exp R.T. : 6.258 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



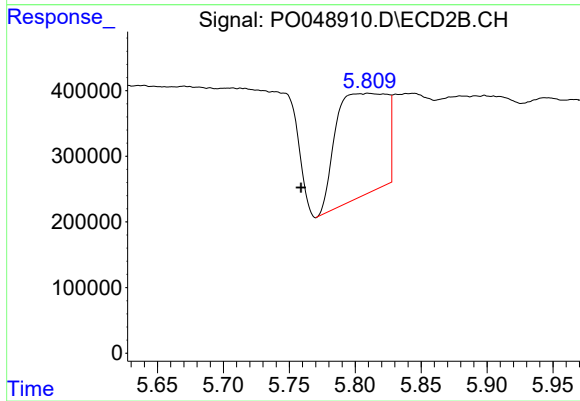
#14 AR-1232-4

R.T.: 5.189 min  
Delta R.T.: 0.002 min  
Response: 1191508  
Conc: 568.20 ng/ml



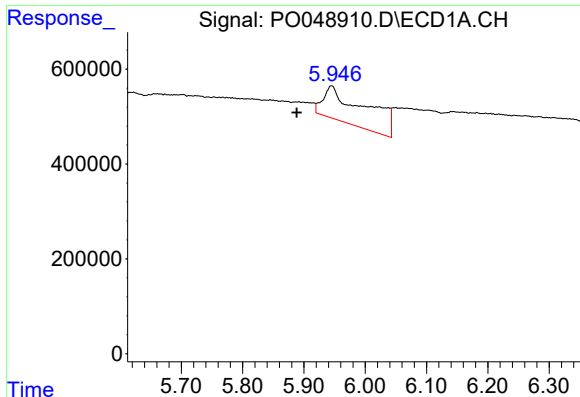
#15 AR-1232-5

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



#15 AR-1232-5

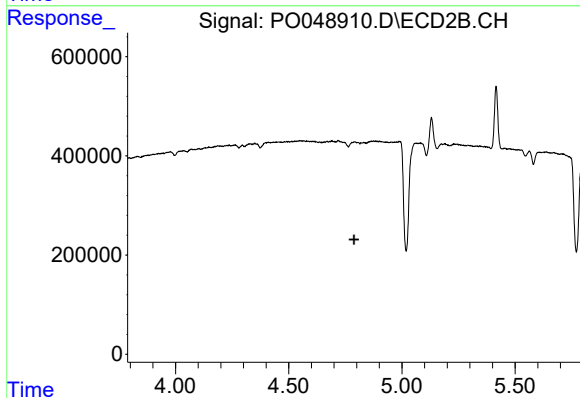
R.T.: 5.810 min  
Delta R.T.: 0.051 min  
Response: 4171174  
Conc: 16379.58 ng/ml



#17 AR-1242-2

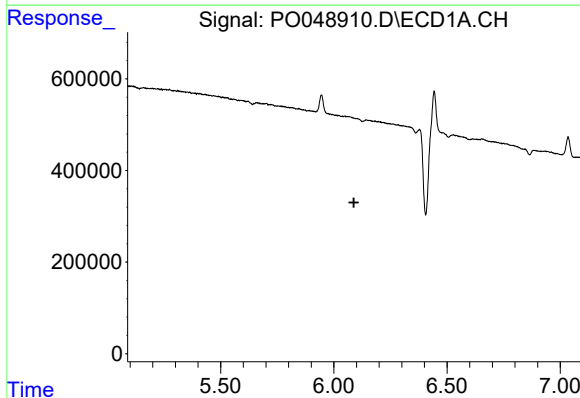
R.T.: 5.945 min  
Delta R.T.: 0.057 min  
Response: 3505695  
Conc: 1077.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



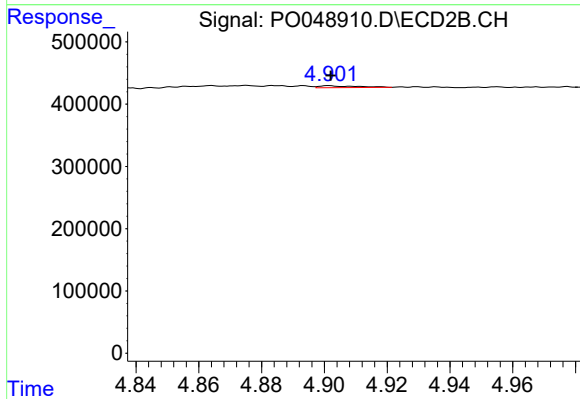
#17 AR-1242-2

R.T.: 4.794 min  
Delta R.T.: 0.006 min  
Response: -771  
Conc: N.D.



#18 AR-1242-3

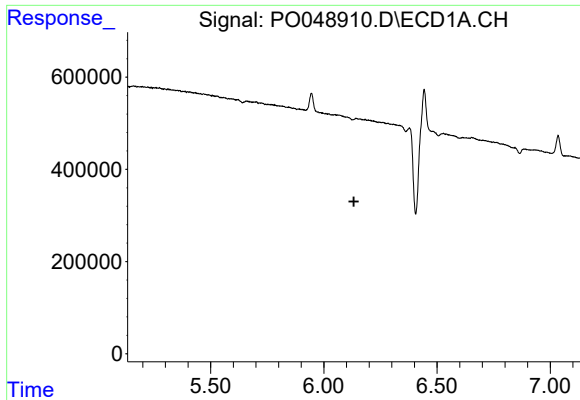
R.T.: 0.000 min  
Exp R.T. : 6.089 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

R.T.: 4.902 min  
Delta R.T.: 0.000 min  
Response: 25810  
Conc: 17.64 ng/ml

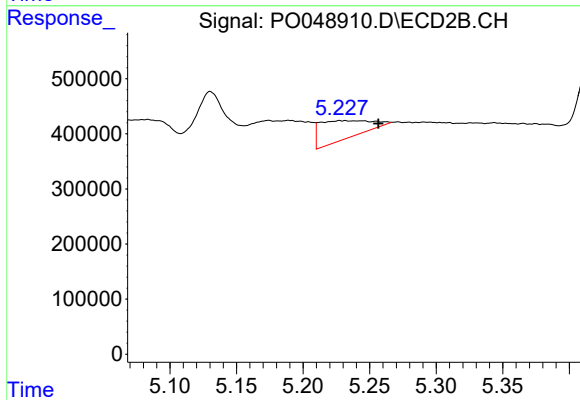




#19 AR-1242-4

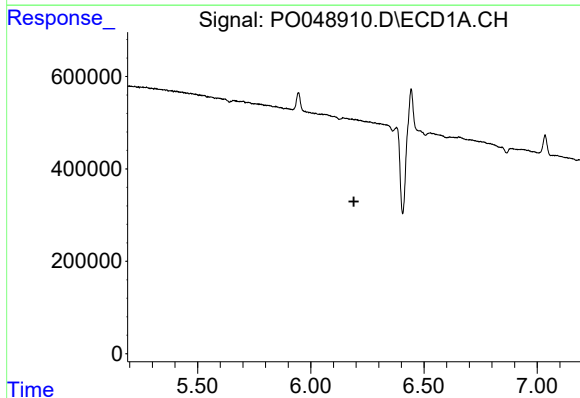
R.T.: 0.000 min  
Exp R.T. : 6.133 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



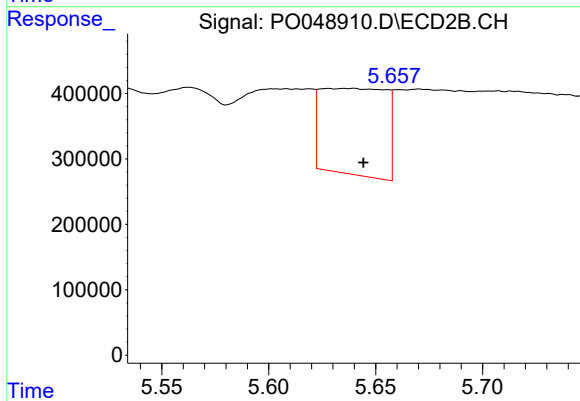
#19 AR-1242-4

R.T.: 5.227 min  
Delta R.T.: -0.029 min  
Response: 880329  
Conc: 699.19 ng/ml



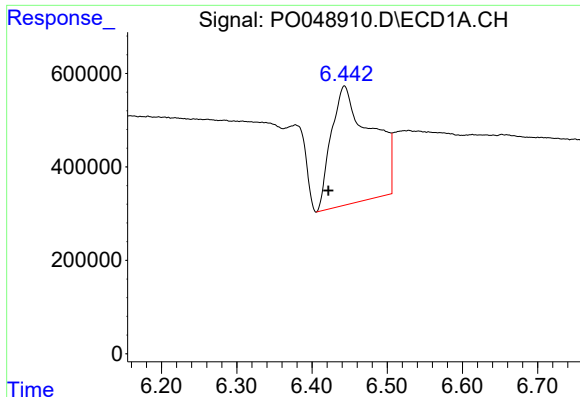
#20 AR-1242-5

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



#20 AR-1242-5

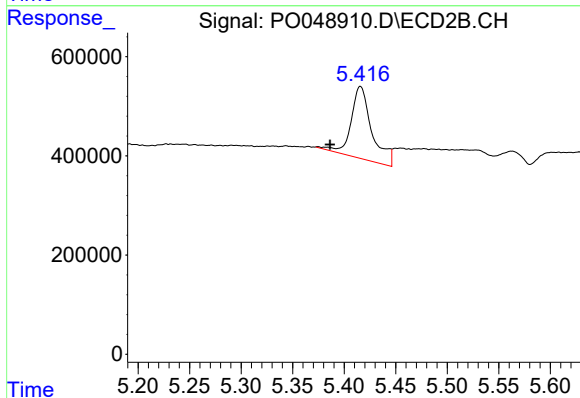
R.T.: 5.639 min  
Delta R.T.: -0.005 min  
Response: 2778146  
Conc: 820.76 ng/ml



#22 AR-1248-2

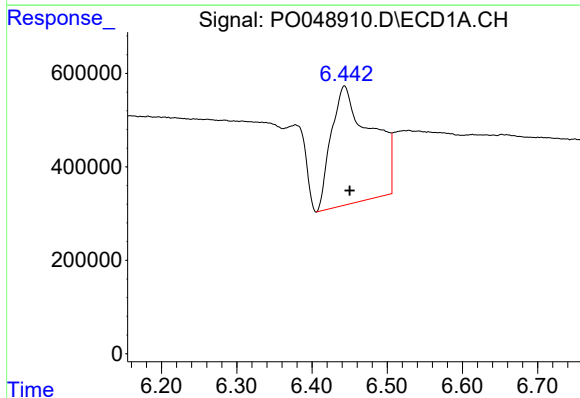
R.T.: 6.443 min  
Delta R.T.: 0.021 min  
Response: 9278170  
Conc: 1524.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



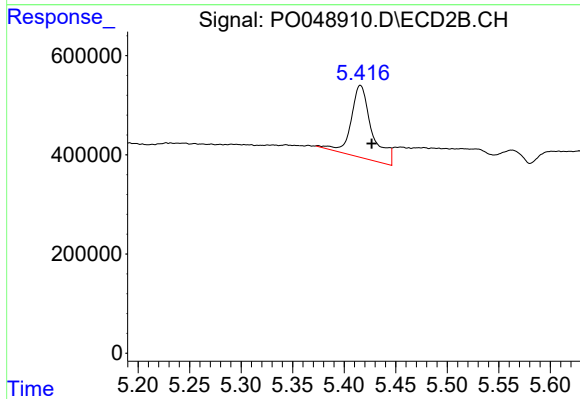
#22 AR-1248-2

R.T.: 5.416 min  
Delta R.T.: 0.030 min  
Response: 2037671  
Conc: 160.29 ng/ml



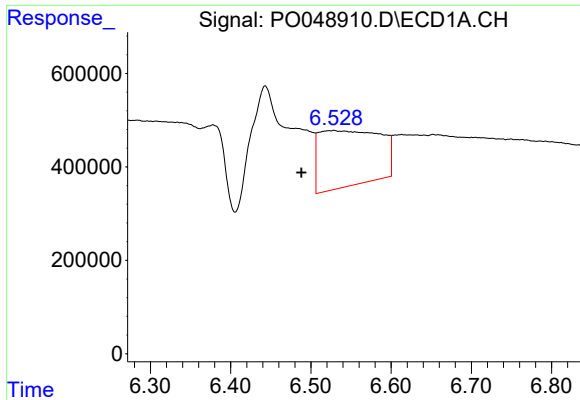
#23 AR-1248-3

R.T.: 6.443 min  
Delta R.T.: -0.007 min  
Response: 9278170  
Conc: 1155.95 ng/ml



#23 AR-1248-3

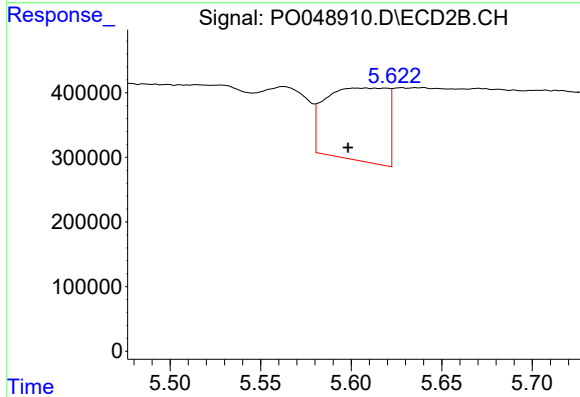
R.T.: 5.416 min  
Delta R.T.: -0.011 min  
Response: 2037671  
Conc: 226.99 ng/ml



#24 AR-1248-4

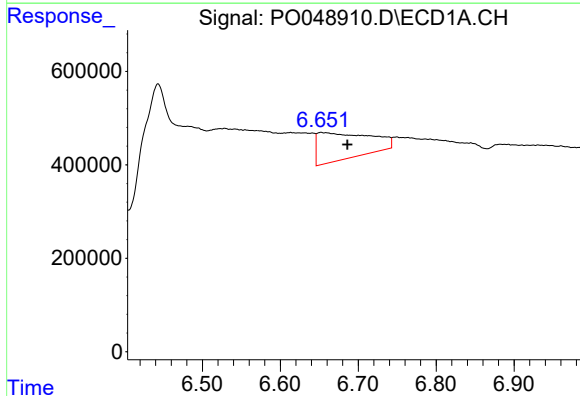
R.T.: 6.529 min  
Delta R.T.: 0.041 min  
Response: 6354704  
Conc: 828.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



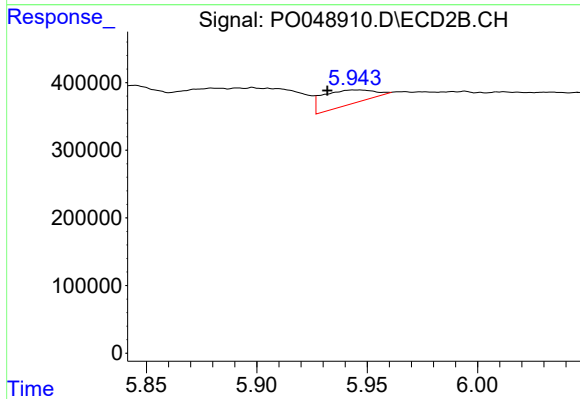
#24 AR-1248-4

R.T.: 5.608 min  
Delta R.T.: 0.010 min  
Response: 2661535  
Conc: 327.95 ng/ml



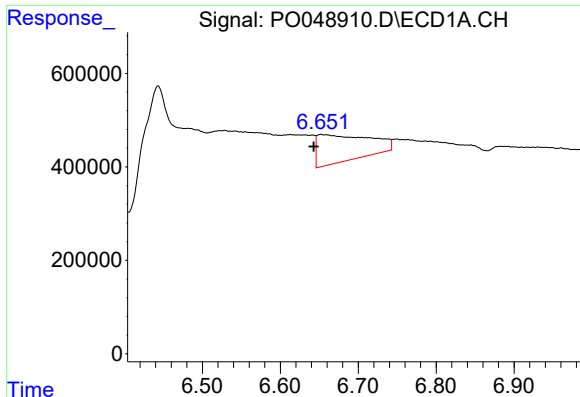
#25 AR-1248-5

R.T.: 6.652 min  
Delta R.T.: -0.034 min  
Response: 2721396  
Conc: 519.27 ng/ml



#25 AR-1248-5

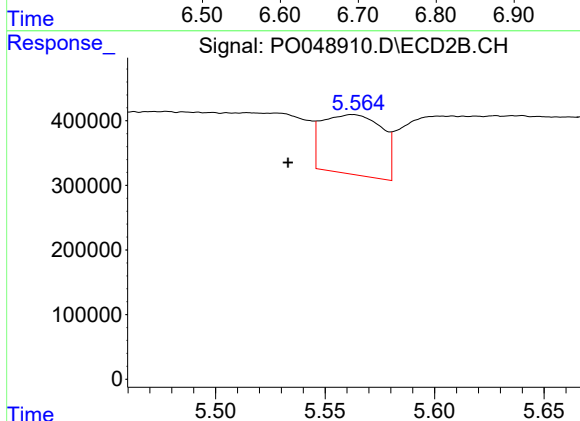
R.T.: 5.945 min  
Delta R.T.: 0.013 min  
Response: 342551  
Conc: 54.62 ng/ml



#26 AR-1254-1

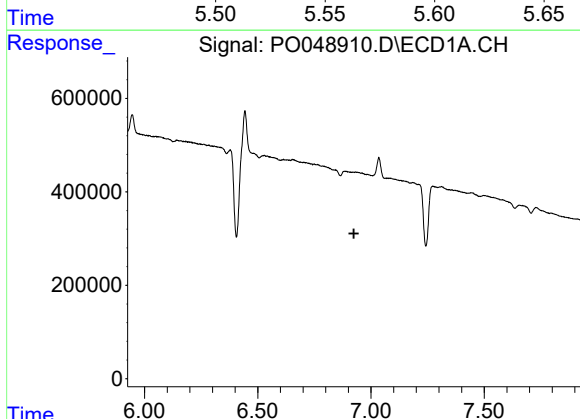
R.T.: 6.652 min  
Delta R.T.: 0.009 min  
Response: 2721396  
Conc: 174.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



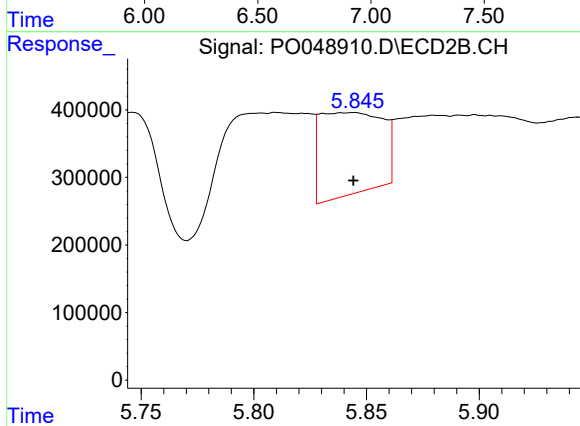
#26 AR-1254-1

R.T.: 5.563 min  
Delta R.T.: 0.029 min  
Response: 1759084  
Conc: 132.67 ng/ml



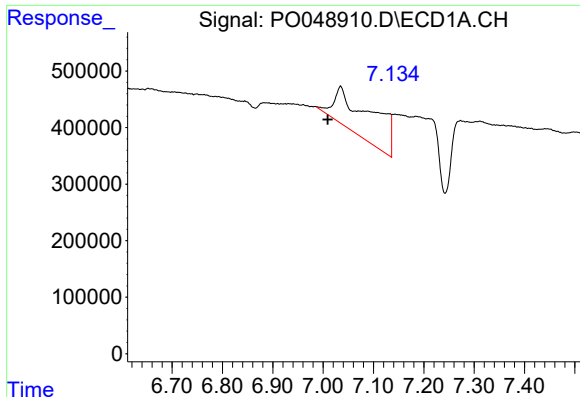
#27 AR-1254-2

R.T.: 6.892 min  
Delta R.T.: -0.033 min  
Response: -122250  
Conc: N.D.



#27 AR-1254-2

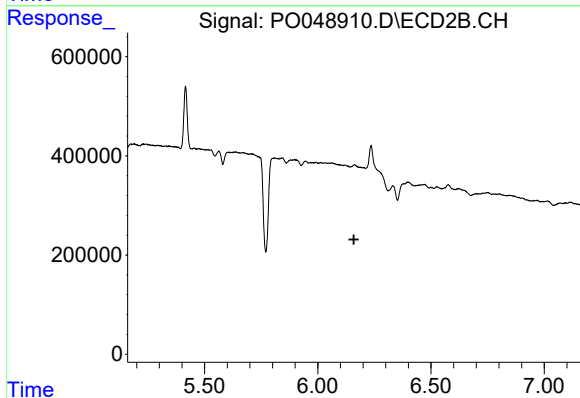
R.T.: 5.843 min  
Delta R.T.: -0.002 min  
Response: 2339359  
Conc: 200.44 ng/ml



#28 AR-1254-3

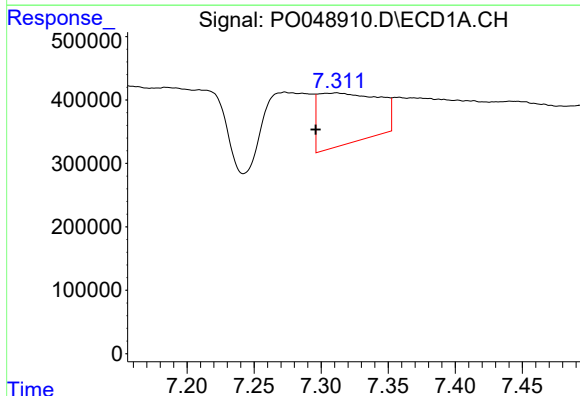
R.T.: 7.035 min  
Delta R.T.: 0.025 min  
Response: 3908001  
Conc: 218.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



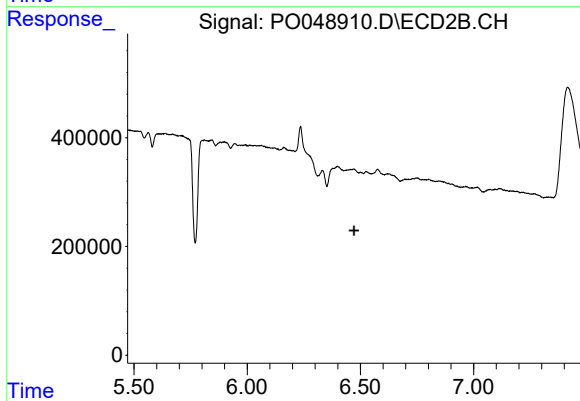
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.159 min  
Response: 0  
Conc: N.D.



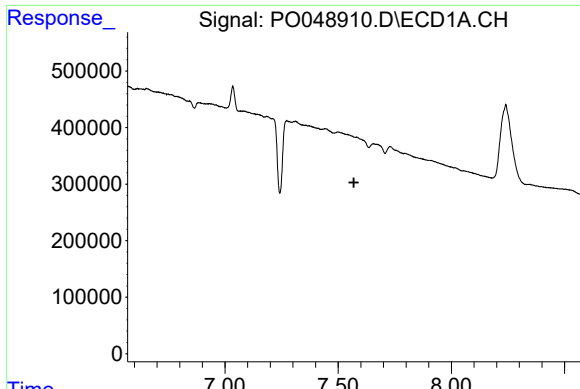
#29 AR-1254-4

R.T.: 7.311 min  
Delta R.T.: 0.015 min  
Response: 2486618  
Conc: 179.84 ng/ml



#29 AR-1254-4

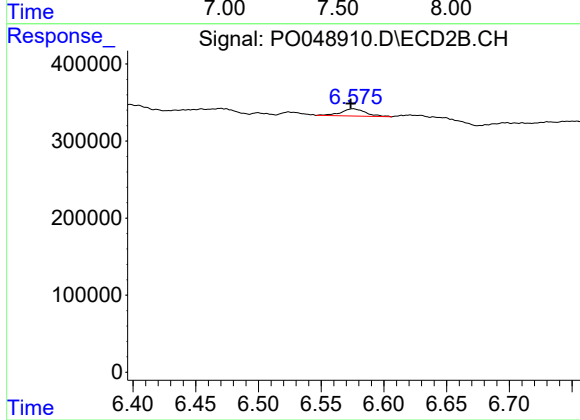
R.T.: 0.000 min  
Exp R.T. : 6.471 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

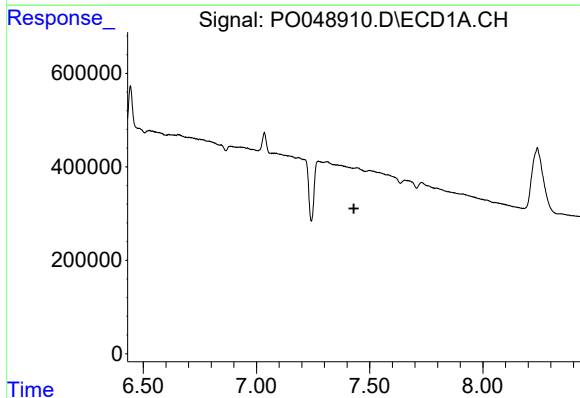
R.T.: 0.000 min  
Exp R.T. : 7.570 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



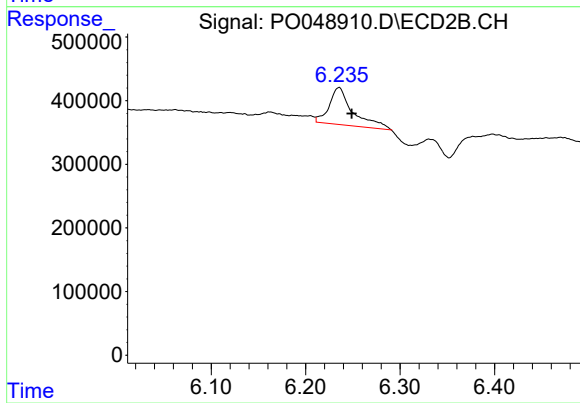
#30 AR-1254-5

R.T.: 6.576 min  
Delta R.T.: 0.002 min  
Response: 130637  
Conc: 6.24 ng/ml



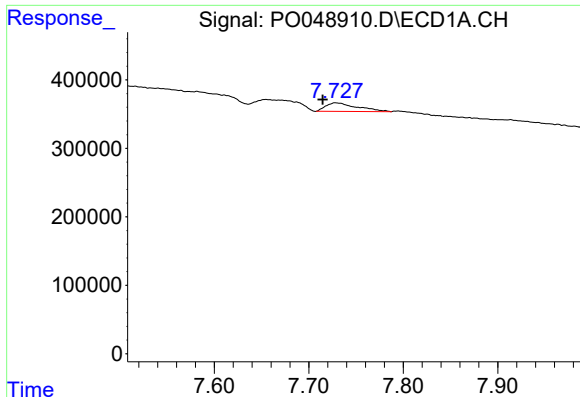
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 7.430 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

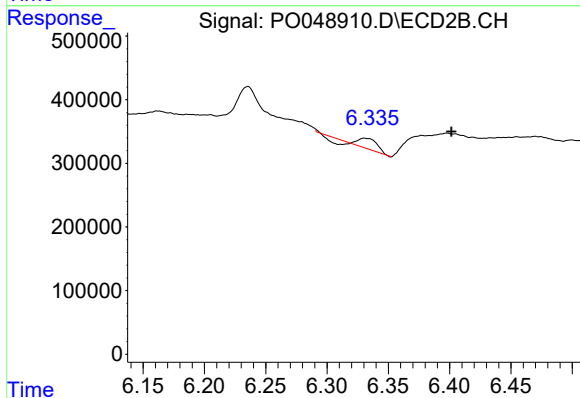
R.T.: 6.235 min  
Delta R.T.: -0.014 min  
Response: 1007212  
Conc: 59.39 ng/ml



#33 AR-1260-3

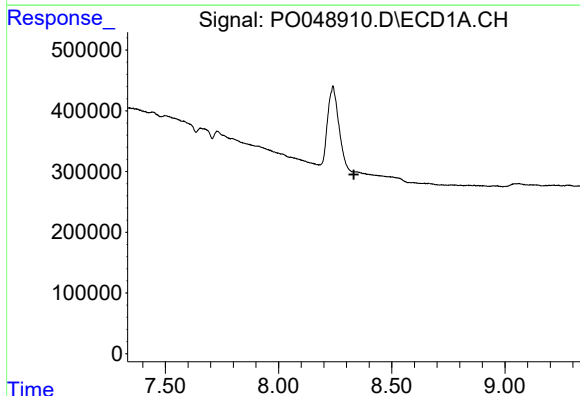
R.T.: 7.728 min  
Delta R.T.: 0.013 min  
Response: 290250  
Conc: 19.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



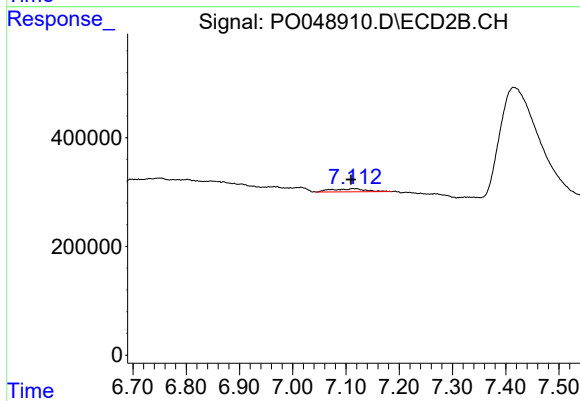
#33 AR-1260-3

R.T.: 6.332 min  
Delta R.T.: -0.070 min  
Response: 138152  
Conc: 8.60 ng/ml



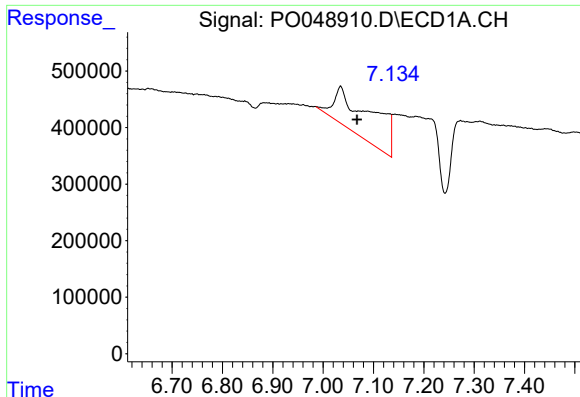
#35 AR-1260-5

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



#35 AR-1260-5

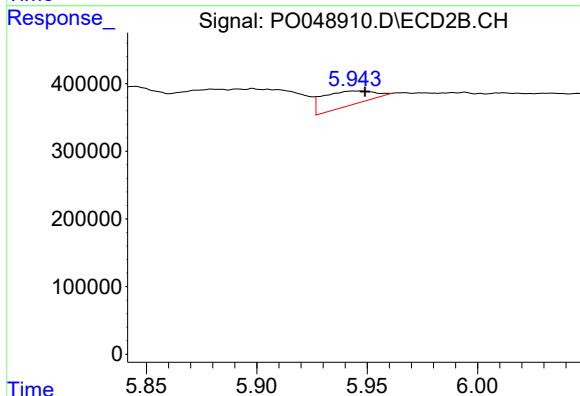
R.T.: 7.113 min  
Delta R.T.: 0.004 min  
Response: 259095  
Conc: 8.43 ng/ml



#36 AR-1262-1

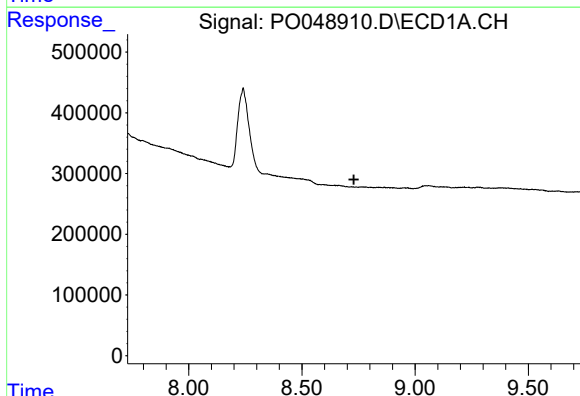
R.T.: 7.035 min  
Delta R.T.: -0.033 min  
Response: 3908001  
Conc: 594.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



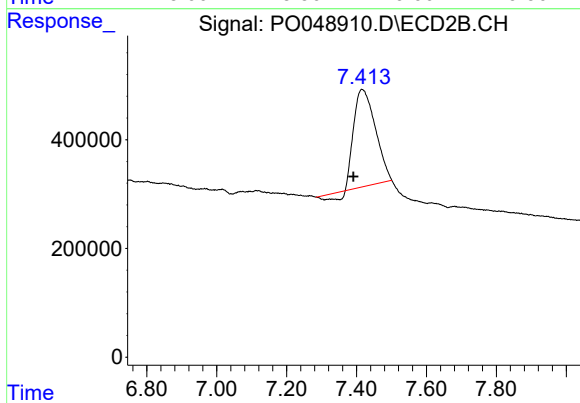
#36 AR-1262-1

R.T.: 5.945 min  
Delta R.T.: -0.004 min  
Response: 342551  
Conc: 45.72 ng/ml



#39 AR-1262-4

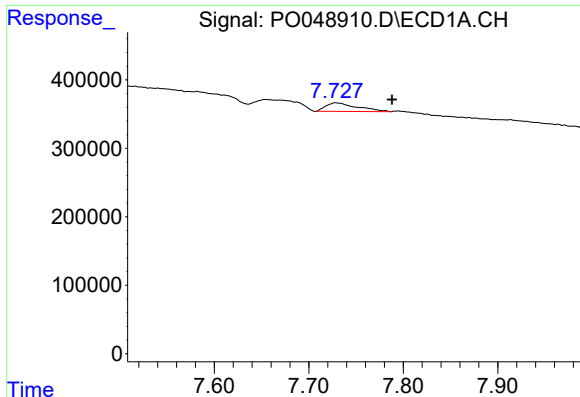
R.T.: 0.000 min  
Exp R.T. : 8.730 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

R.T.: 7.416 min  
Delta R.T.: 0.024 min  
Response: 7350718  
Conc: 594.80 ng/ml

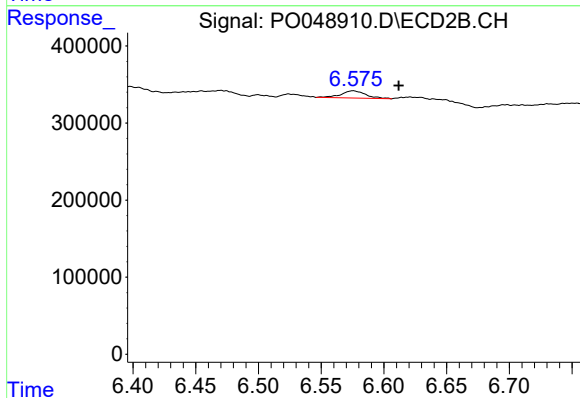




#41 AR-1268-1

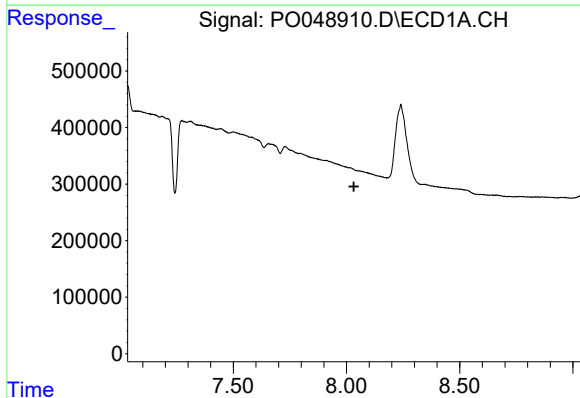
R.T.: 7.728 min  
Delta R.T.: -0.060 min  
Response: 290250  
Conc: 56.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



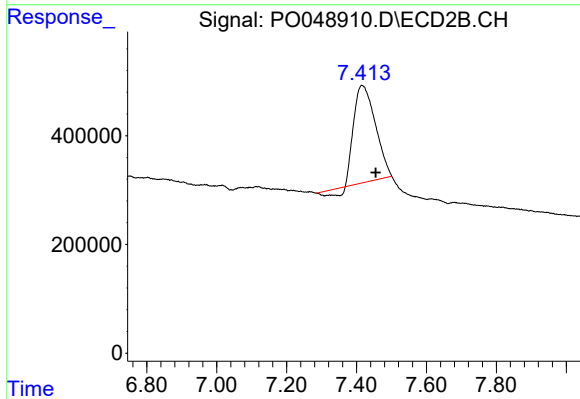
#41 AR-1268-1

R.T.: 6.576 min  
Delta R.T.: -0.036 min  
Response: 130637  
Conc: 17.22 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.: 7.416 min  
Delta R.T.: -0.040 min  
Response: 7350718  
Conc: 221.03 ng/ml