

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0093020\  
 Data File : P0071793.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 01 Oct 2020 00:43  
 Operator : DD\AJ  
 Sample : L4181-04  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 01 01:53:48 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0092320.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 23 08:07:44 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

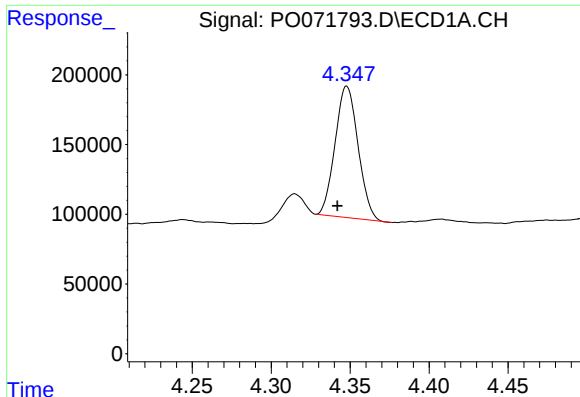
Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1  | Resp#2  | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|---------|---------|---------|-----------|
| -----                       |                 |        |        |         |         |         |           |
| System Monitoring Compounds |                 |        |        |         |         |         |           |
| 1)                          | SA Tetrachlo... | 4.348  | 3.531  | 951568  | 550042  | 11.089  | 13.355    |
| 2)                          | SA Decachlor... | 9.959  | 8.704  | 2105922 | 1090788 | 18.330  | 17.945    |
| Target Compounds            |                 |        |        |         |         |         |           |
| 3)                          | L1 AR-1016-1    | 5.630f | 0.000  | 105330  | 0       | 28.922  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 5.666  | 0.000  | 82285   | 0       | 15.585  | N.D. #    |
| 5)                          | L1 AR-1016-3    | 5.725  | 0.000  | 68671   | 0       | 21.763  | N.D. #    |
| 6)                          | L1 AR-1016-4    | 5.850  | 0.000  | 215257  | 0       | 80.360  | N.D. #    |
| 9)                          | L2 AR-1221-2    | 4.710f | 0.000  | 89435   | 0       | 134.521 | N.D. #    |
| 10)                         | L2 AR-1221-3    | 4.804f | 0.000  | 51009   | 0       | 24.045  | N.D. #    |
| 11)                         | L3 AR-1232-1    | 4.804f | 0.000  | 51009   | 0       | 28.359  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 5.337  | 0.000  | 324983  | 0       | 335.950 | N.D. #    |
| 13)                         | L3 AR-1232-3    | 5.666  | 0.000  | 82285   | 0       | 38.991  | N.D. #    |
| 14)                         | L3 AR-1232-4    | 5.850f | 0.000  | 215257  | 0       | 206.866 | N.D. #    |
| 15)                         | L3 AR-1232-5    | 5.931  | 0.000  | 157740  | 0       | 231.303 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.630  | 0.000  | 105330  | 0       | 40.984  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 5.666  | 0.000  | 82285   | 0       | 22.088  | N.D. #    |
| 18)                         | L4 AR-1242-3    | 5.725  | 0.000  | 68671   | 0       | 30.550  | N.D. #    |
| 19)                         | L4 AR-1242-4    | 5.850  | 0.000  | 215257  | 0       | 114.314 | N.D. #    |
| 20)                         | L4 AR-1242-5    | 6.564f | 0.000  | 43468   | 0       | 18.962  | N.D. #    |
| 21)                         | L5 AR-1248-1    | 5.630  | 0.000  | 105330  | 0       | 58.577  | N.D. #    |
| 22)                         | L5 AR-1248-2    | 5.931  | 0.000  | 157740  | 0       | 65.793  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.564  | 0.000  | 43468   | 0       | 11.236  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.564f | 0.000  | 43468   | 0       | 11.870  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 7.118f | 0.000  | 85337   | 0       | 13.478  | N.D. #    |
| 29)                         | L6 AR-1254-4    | 7.432  | 0.000  | 64875   | 0       | 10.530  | N.D. #    |
| 30)                         | L6 AR-1254-5    | 7.850  | 0.000  | 19687   | 0       | 3.312   | N.D. #    |
| 33)                         | L7 AR-1260-3    | 7.946f | 0.000  | 157249  | 0       | 21.839  | N.D. #    |
| 34)                         | L7 AR-1260-4    | 8.166  | 0.000  | 21011   | 0       | 3.171   | N.D. #    |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.382  | 0       | 22277   | N.D.    | 3.012 #   |
| 36)                         | L8 AR-1262-1    | 7.946f | 0.000  | 157249  | 0       | 16.646  | N.D. #    |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.382  | 0       | 22277   | N.D.    | 3.225 #   |
| 38)                         | L8 AR-1262-3    | 8.725  | 7.678f | 73604   | 314936  | 10.828  | 105.576 # |
| 39)                         | L8 AR-1262-4    | 8.832f | 0.000  | 107608  | 0       | 28.346  | N.D. #    |
| 40)                         | L8 AR-1262-5    | 9.382f | 8.203f | 380033  | 40953   | 74.940  | 15.030 #  |
| 41)                         | L9 AR-1268-1    | 8.725  | 7.678f | 73604   | 314936  | 3.988   | 37.288 #  |
| 42)                         | L9 AR-1268-2    | 8.832f | 0.000  | 107608  | 0       | 7.020   | N.D. #    |
| 43)                         | L9 AR-1268-3    | 9.000  | 7.926  | 262828  | 2140054 | 19.949  | 329.557 # |
| 44)                         | L9 AR-1268-4    | 9.382f | 8.203f | 380033  | 40953   | 67.294  | 13.658 #  |
| 45)                         | L9 AR-1268-5    | 9.690  | 0.000  | 89148   | 0       | 2.300   | N.D. #    |
| -----                       |                 |        |        |         |         |         |           |

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

Instrument :  
ECD\_O  
ClientSampleId :

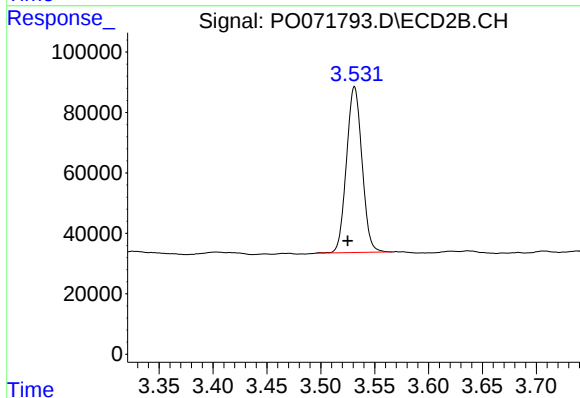




#1 Tetrachloro-m-xylene

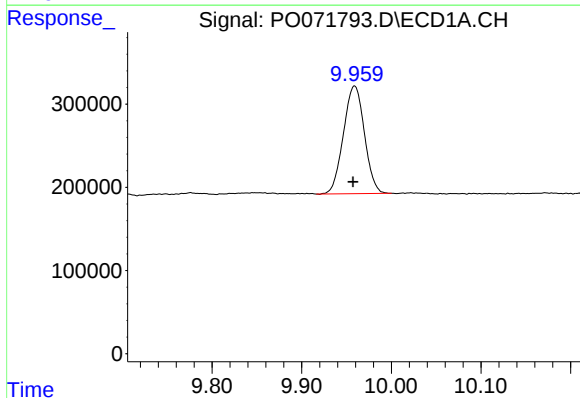
R.T.: 4.348 min  
Delta R.T.: 0.006 min  
Response: 951568  
Conc: 11.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



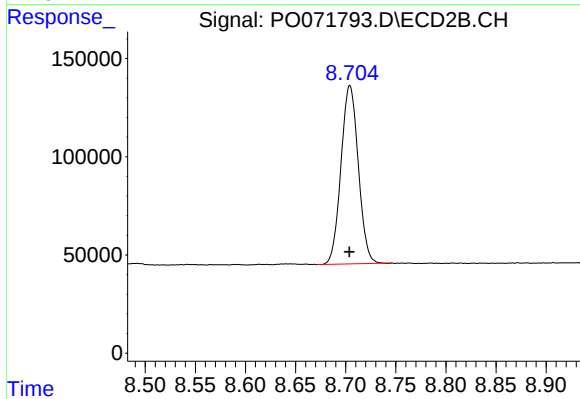
#1 Tetrachloro-m-xylene

R.T.: 3.531 min  
Delta R.T.: 0.006 min  
Response: 550042  
Conc: 13.36 ng/ml



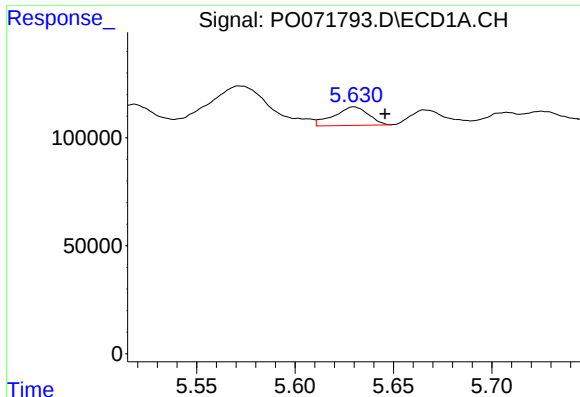
#2 Decachlorobiphenyl

R.T.: 9.959 min  
Delta R.T.: 0.002 min  
Response: 2105922  
Conc: 18.33 ng/ml



#2 Decachlorobiphenyl

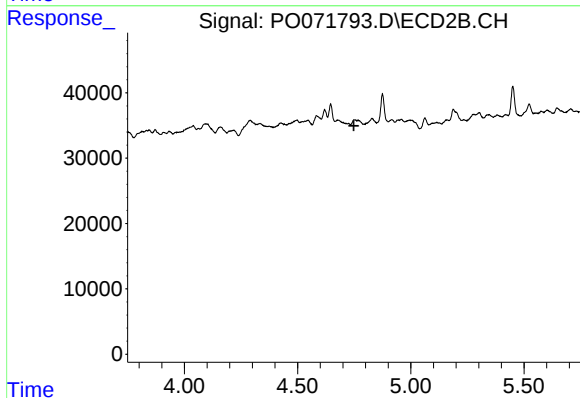
R.T.: 8.704 min  
Delta R.T.: 0.000 min  
Response: 1090788  
Conc: 17.94 ng/ml



#3 AR-1016-1

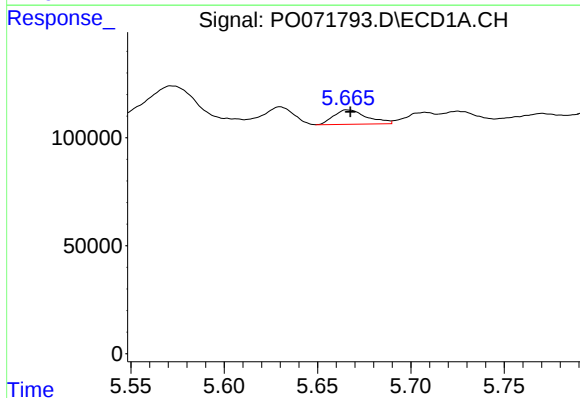
R.T.: 5.630 min  
Delta R.T.: -0.016 min  
Response: 105330  
Conc: 28.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



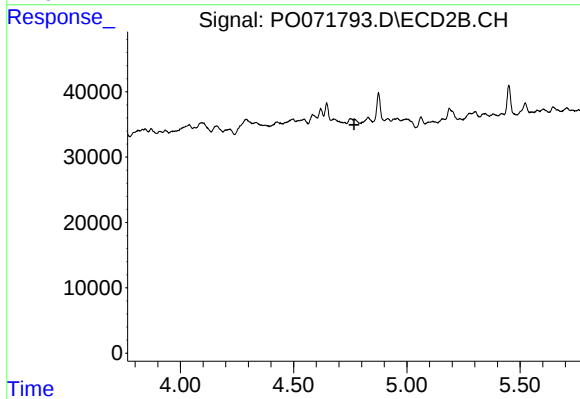
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.749 min  
Response: 0  
Conc: N.D.



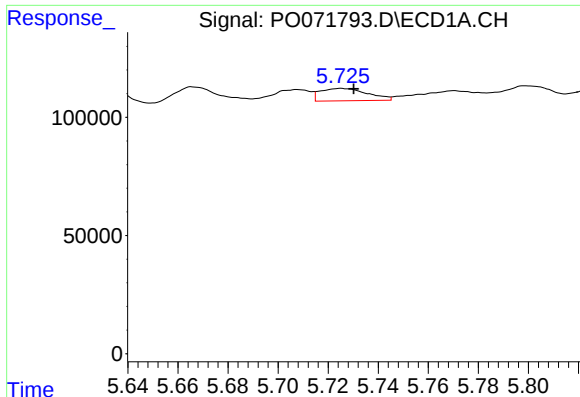
#4 AR-1016-2

R.T.: 5.666 min  
Delta R.T.: -0.001 min  
Response: 82285  
Conc: 15.58 ng/ml



#4 AR-1016-2

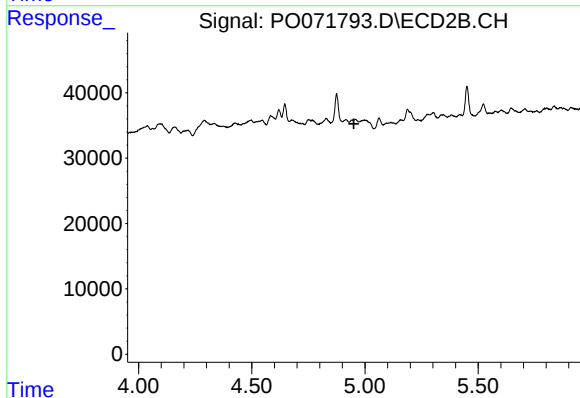
R.T.: 0.000 min  
Exp R.T. : 4.766 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

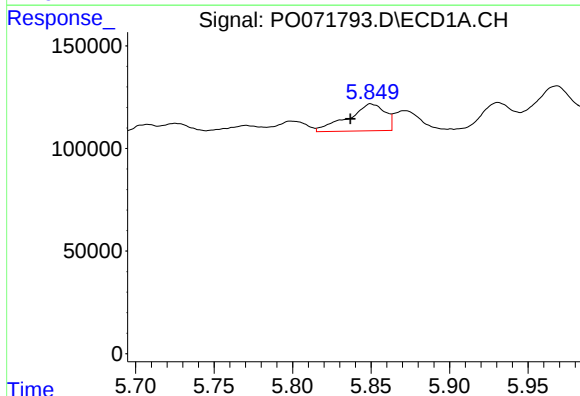
R.T.: 5.725 min  
Delta R.T.: -0.005 min  
Response: 68671  
Conc: 21.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



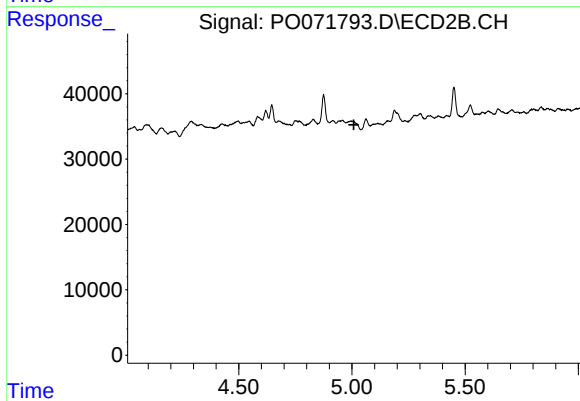
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.951 min  
Response: 0  
Conc: N.D.



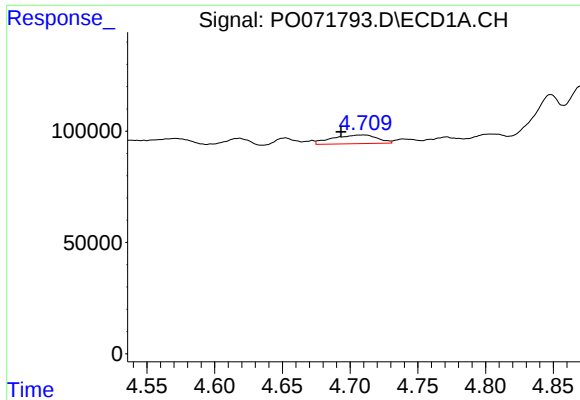
#6 AR-1016-4

R.T.: 5.850 min  
Delta R.T.: 0.013 min  
Response: 215257  
Conc: 80.36 ng/ml



#6 AR-1016-4

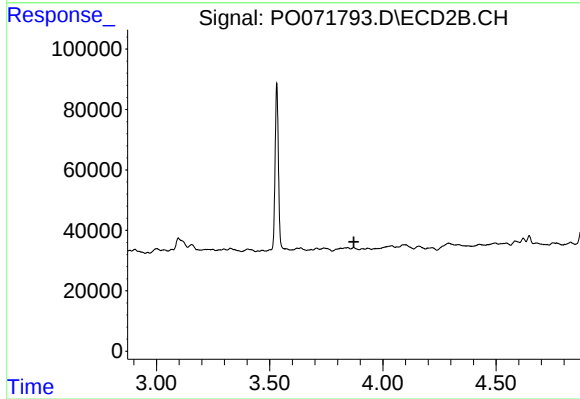
R.T.: 0.000 min  
Exp R.T. : 5.008 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

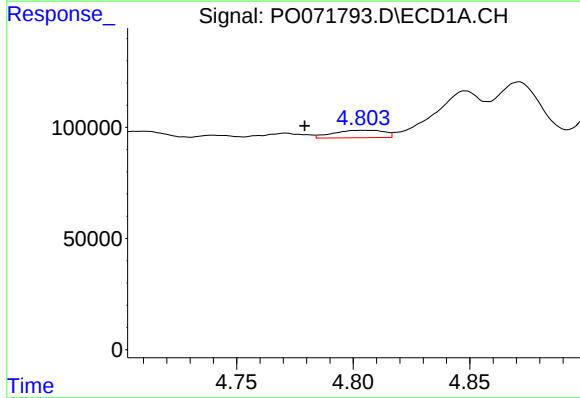
R.T.: 4.710 min  
Delta R.T.: 0.017 min  
Response: 89435  
Conc: 134.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



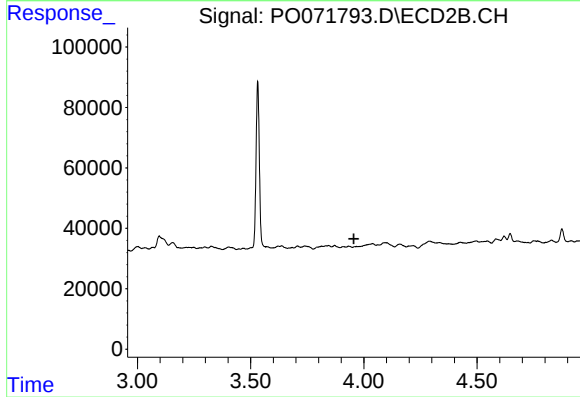
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 3.872 min  
Response: 0  
Conc: N.D.



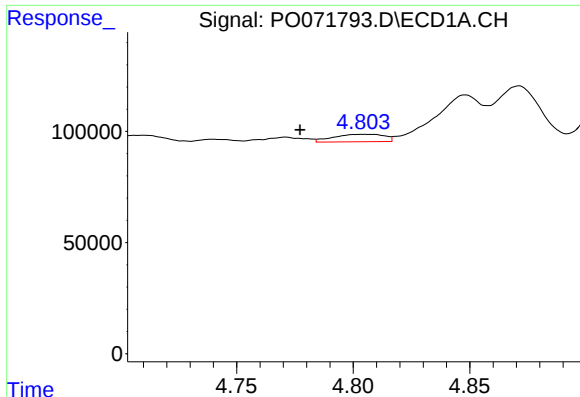
#10 AR-1221-3

R.T.: 4.804 min  
Delta R.T.: 0.024 min  
Response: 51009  
Conc: 24.04 ng/ml



#10 AR-1221-3

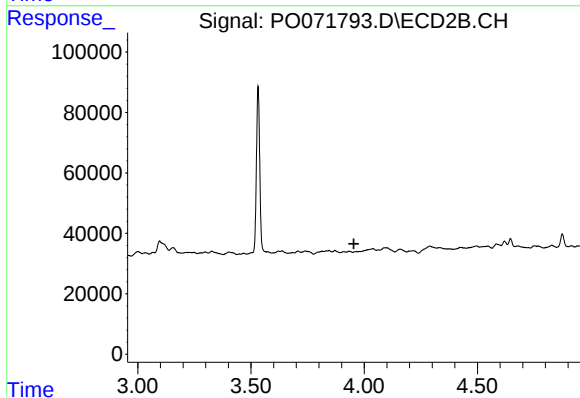
R.T.: 0.000 min  
Exp R.T. : 3.956 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

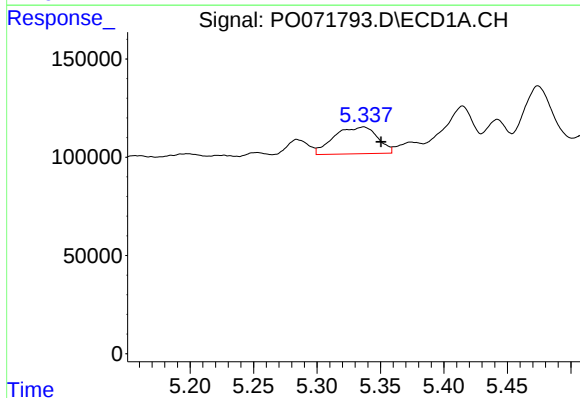
R.T.: 4.804 min  
Delta R.T.: 0.026 min  
Response: 51009  
Conc: 28.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



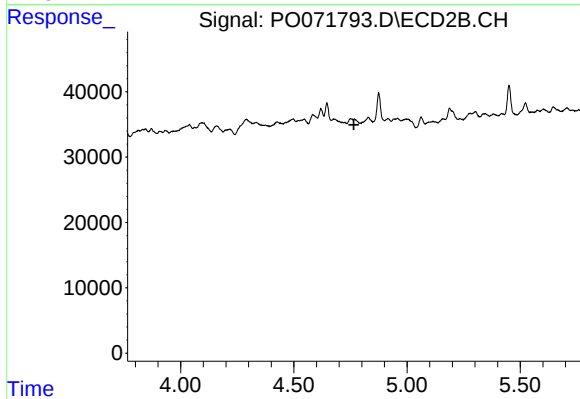
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 3.955 min  
Response: 0  
Conc: N.D.



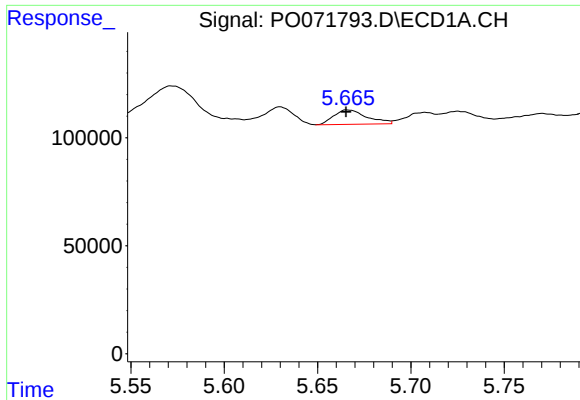
#12 AR-1232-2

R.T.: 5.337 min  
Delta R.T.: -0.013 min  
Response: 324983  
Conc: 335.95 ng/ml



#12 AR-1232-2

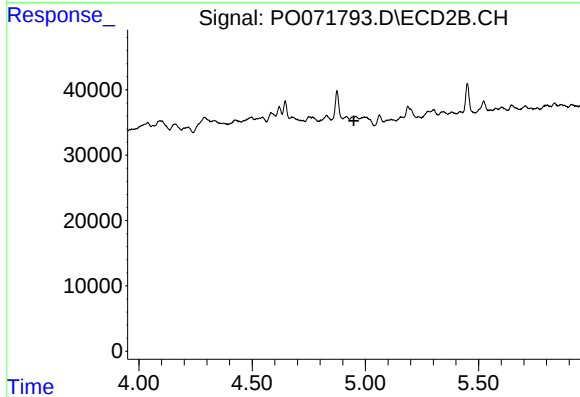
R.T.: 0.000 min  
Exp R.T. : 4.765 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

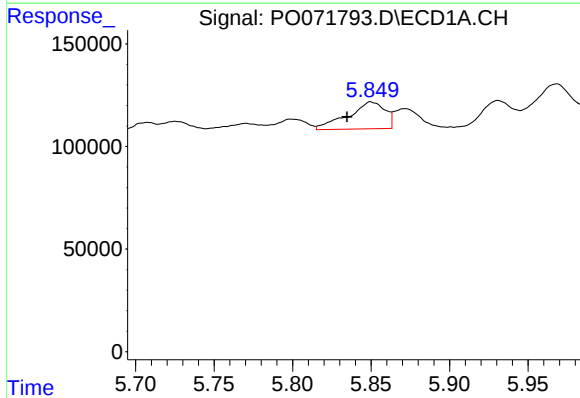
R.T.: 5.666 min  
Delta R.T.: 0.000 min  
Response: 82285  
Conc: 38.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



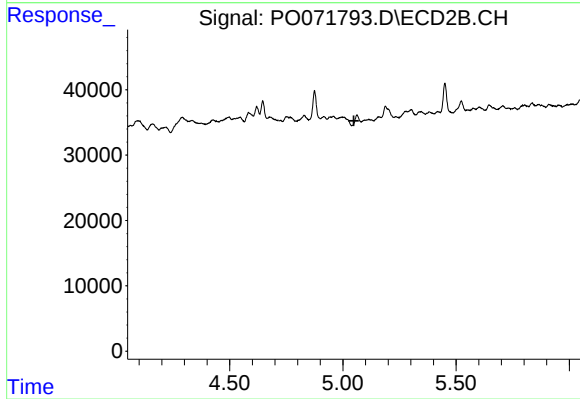
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.950 min  
Response: 0  
Conc: N.D.



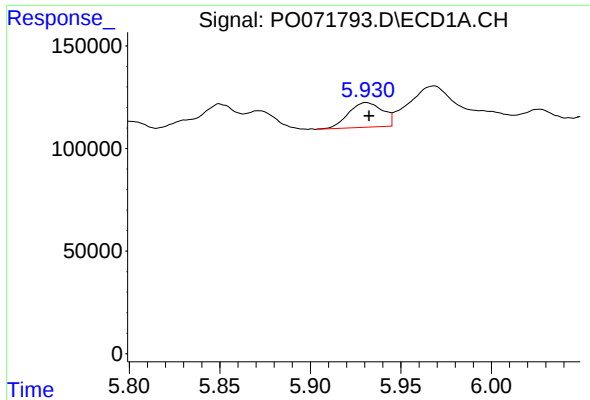
#14 AR-1232-4

R.T.: 5.850 min  
Delta R.T.: 0.015 min  
Response: 215257  
Conc: 206.87 ng/ml



#14 AR-1232-4

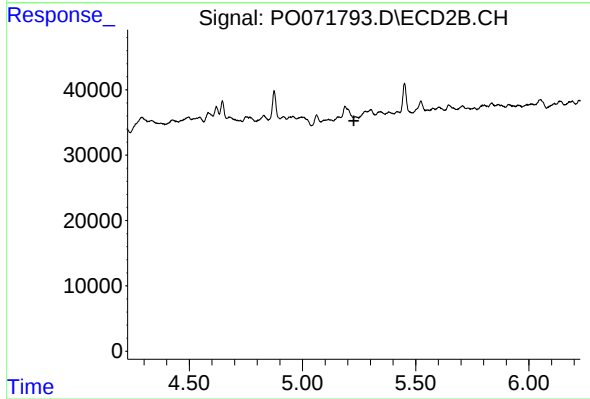
R.T.: 0.000 min  
Exp R.T. : 5.049 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

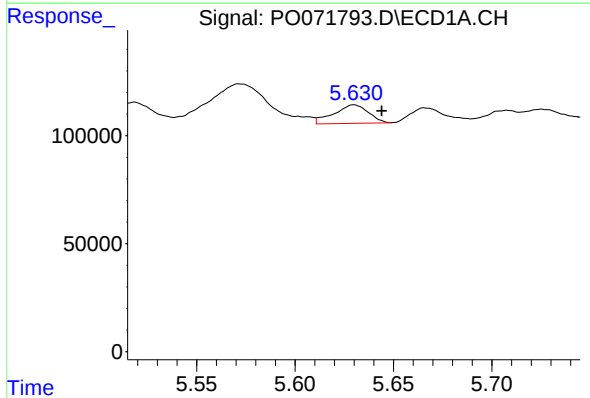
R.T.: 5.931 min  
Delta R.T.: -0.001 min  
Response: 157740  
Conc: 231.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



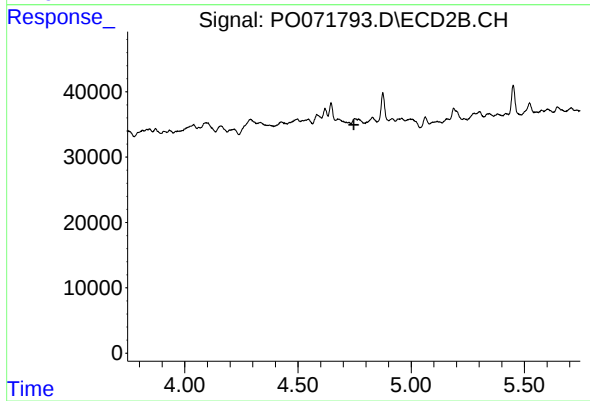
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.227 min  
Response: 0  
Conc: N.D.



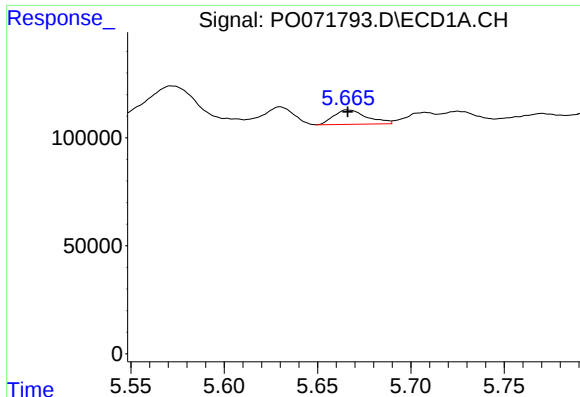
#16 AR-1242-1

R.T.: 5.630 min  
Delta R.T.: -0.014 min  
Response: 105330  
Conc: 40.98 ng/ml



#16 AR-1242-1

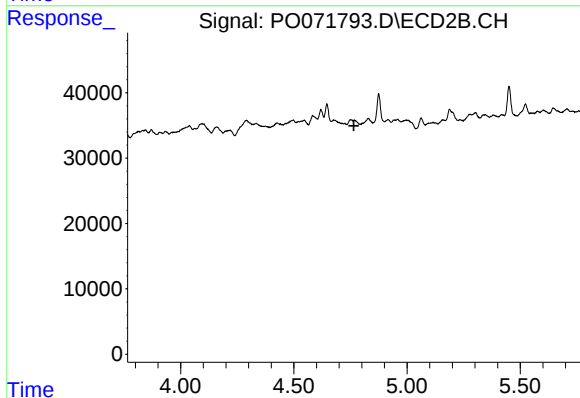
R.T.: 0.000 min  
Exp R.T. : 4.747 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

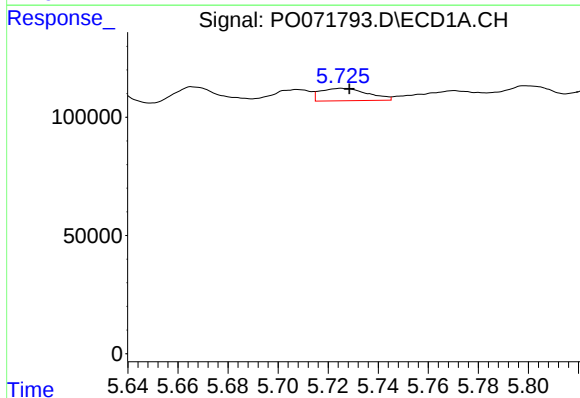
R.T.: 5.666 min  
Delta R.T.: 0.000 min  
Response: 82285  
Conc: 22.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



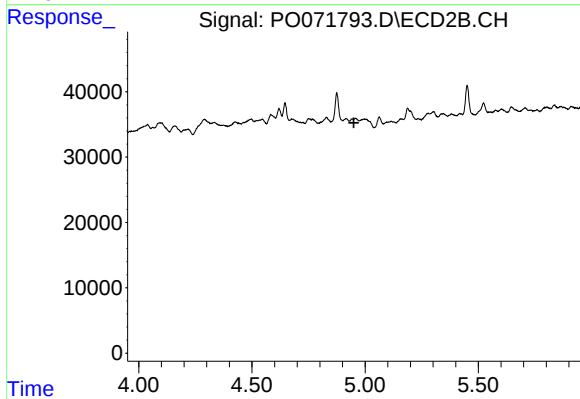
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 4.765 min  
Response: 0  
Conc: N.D.



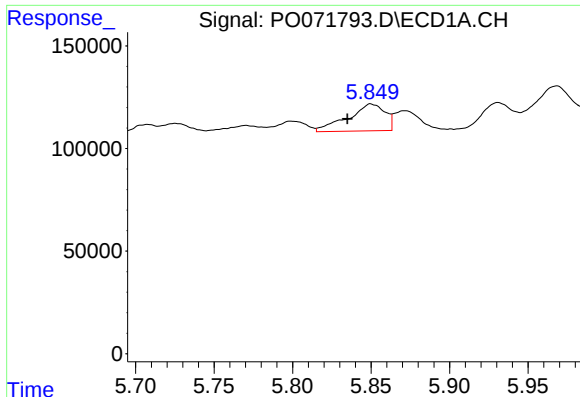
#18 AR-1242-3

R.T.: 5.725 min  
Delta R.T.: -0.003 min  
Response: 68671  
Conc: 30.55 ng/ml



#18 AR-1242-3

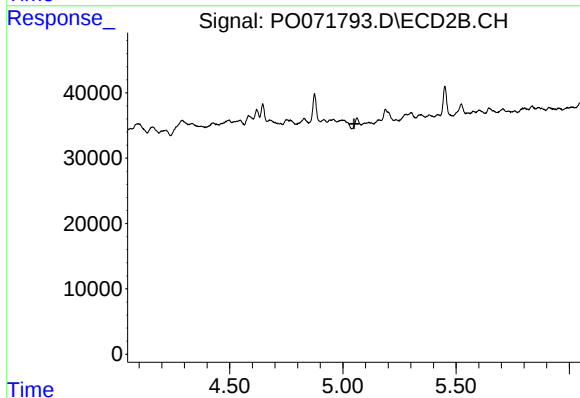
R.T.: 0.000 min  
Exp R.T. : 4.950 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

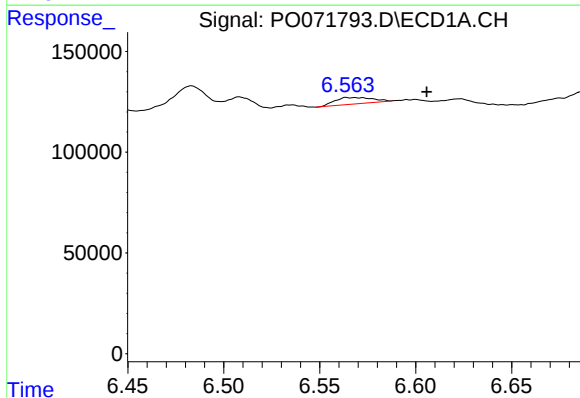
R.T.: 5.850 min  
Delta R.T.: 0.015 min  
Response: 215257  
Conc: 114.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



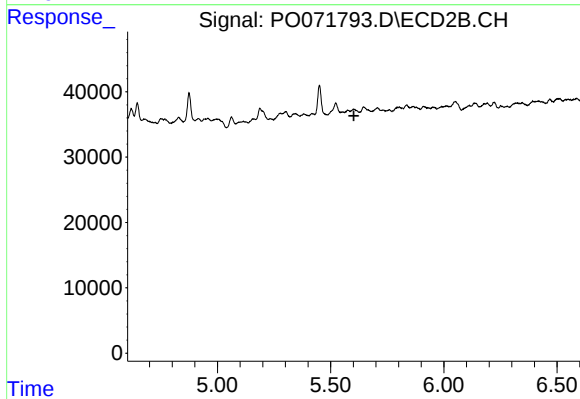
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.049 min  
Response: 0  
Conc: N.D.



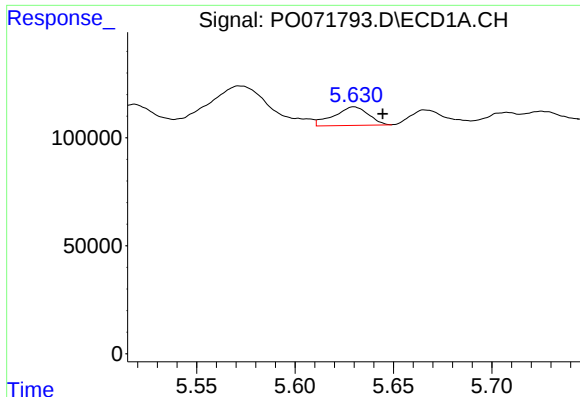
#20 AR-1242-5

R.T.: 6.564 min  
Delta R.T.: -0.041 min  
Response: 43468  
Conc: 18.96 ng/ml



#20 AR-1242-5

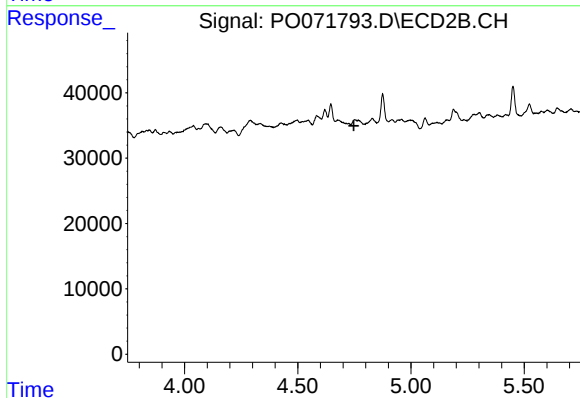
R.T.: 0.000 min  
Exp R.T. : 5.603 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

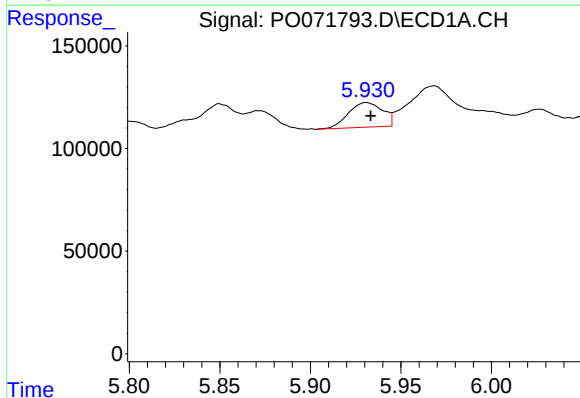
R.T.: 5.630 min  
Delta R.T.: -0.015 min  
Response: 105330  
Conc: 58.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



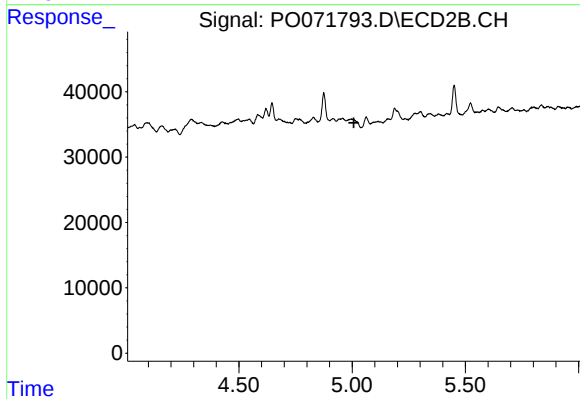
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.748 min  
Response: 0  
Conc: N.D.



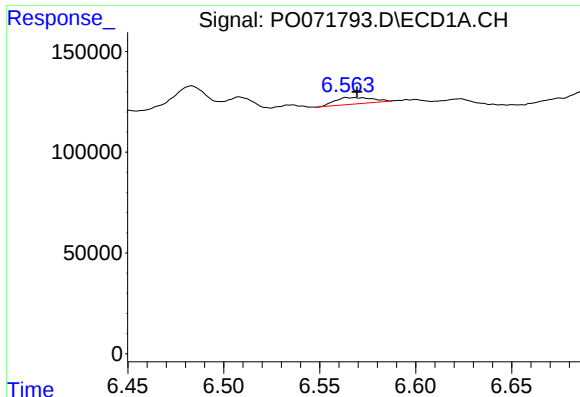
#22 AR-1248-2

R.T.: 5.931 min  
Delta R.T.: -0.002 min  
Response: 157740  
Conc: 65.79 ng/ml



#22 AR-1248-2

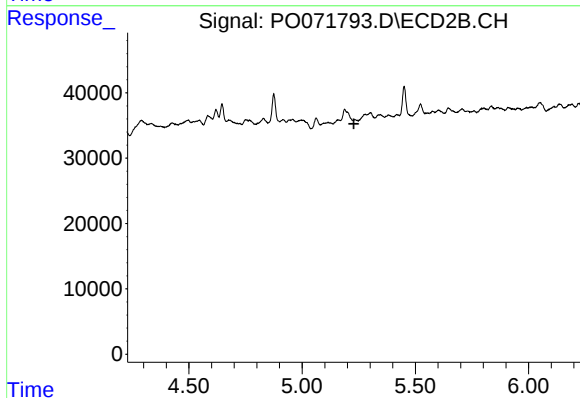
R.T.: 0.000 min  
Exp R.T. : 5.008 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

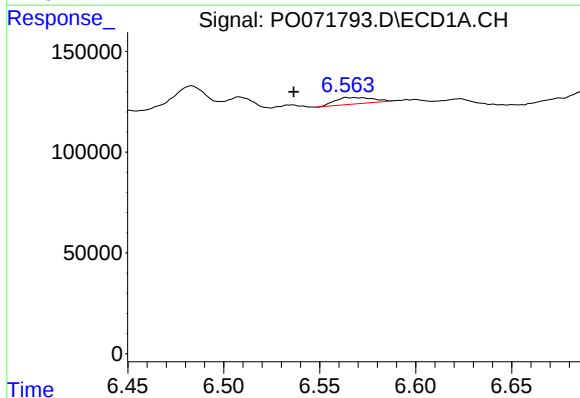
R.T.: 6.564 min  
Delta R.T.: -0.005 min  
Response: 43468  
Conc: 11.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



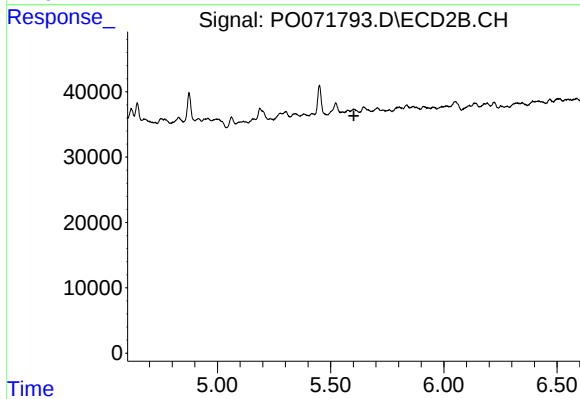
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.228 min  
Response: 0  
Conc: N.D.



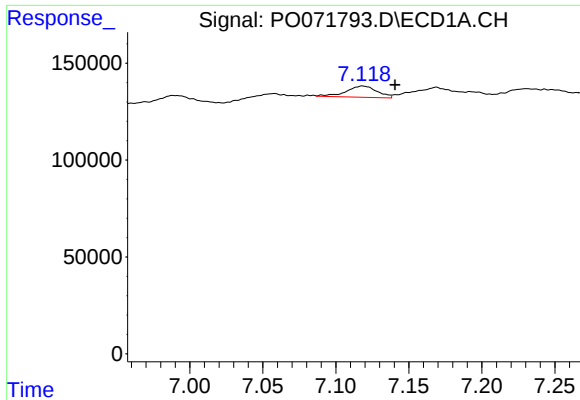
#26 AR-1254-1

R.T.: 6.564 min  
Delta R.T.: 0.028 min  
Response: 43468  
Conc: 11.87 ng/ml



#26 AR-1254-1

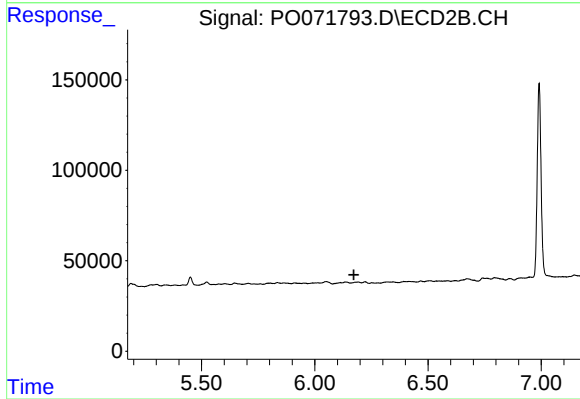
R.T.: 0.000 min  
Exp R.T. : 5.602 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

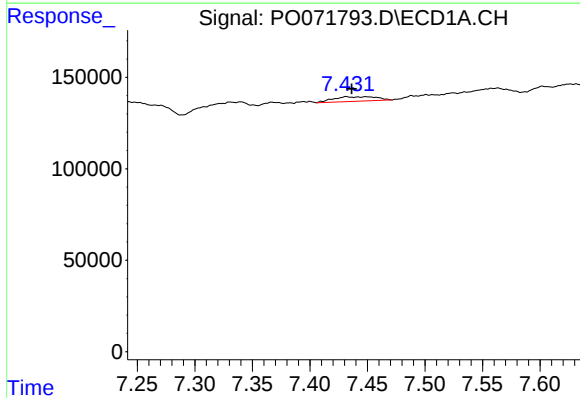
R.T.: 7.118 min  
Delta R.T.: -0.022 min  
Response: 85337  
Conc: 13.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



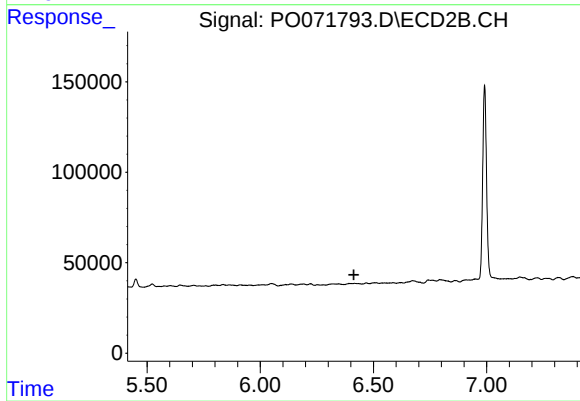
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.173 min  
Response: 0  
Conc: N.D.



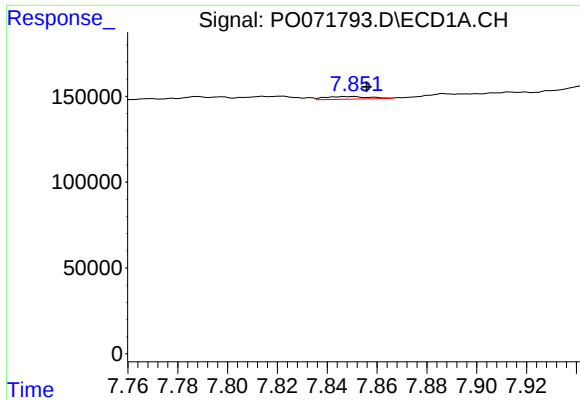
#29 AR-1254-4

R.T.: 7.432 min  
Delta R.T.: -0.005 min  
Response: 64875  
Conc: 10.53 ng/ml



#29 AR-1254-4

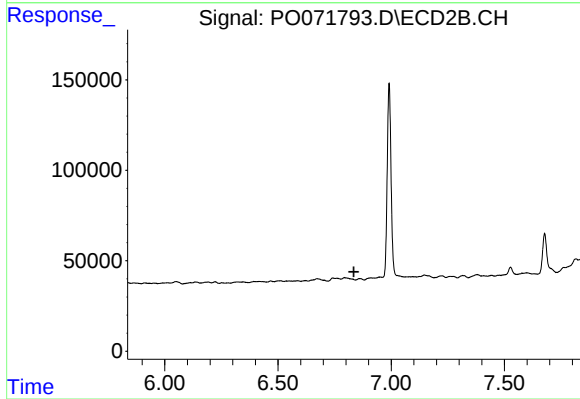
R.T.: 0.000 min  
Exp R.T. : 6.414 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

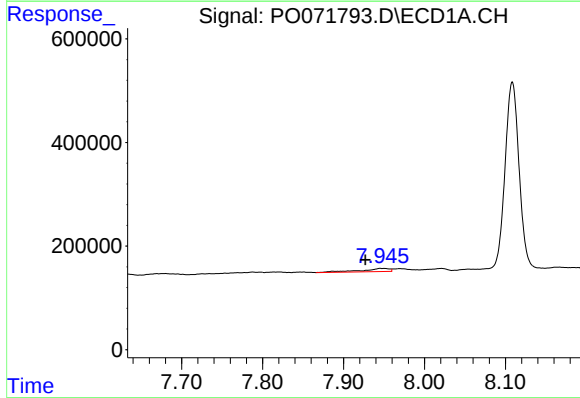
R.T.: 7.850 min  
Delta R.T.: -0.005 min  
Response: 19687  
Conc: 3.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



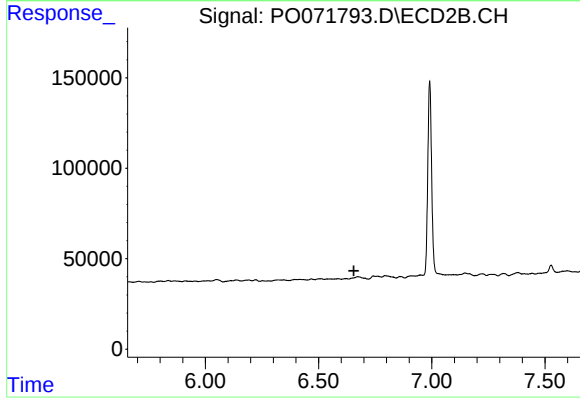
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 6.835 min  
Response: 0  
Conc: N.D.



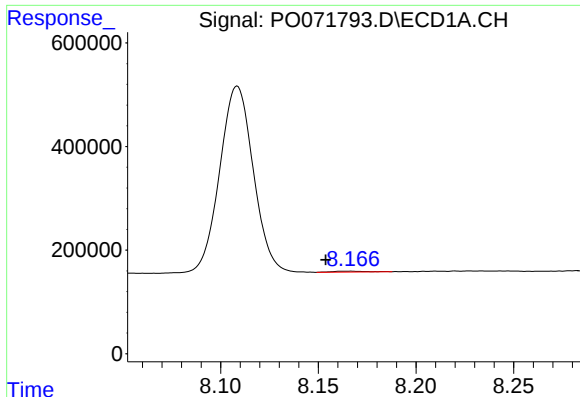
#33 AR-1260-3

R.T.: 7.946 min  
Delta R.T.: 0.019 min  
Response: 157249  
Conc: 21.84 ng/ml



#33 AR-1260-3

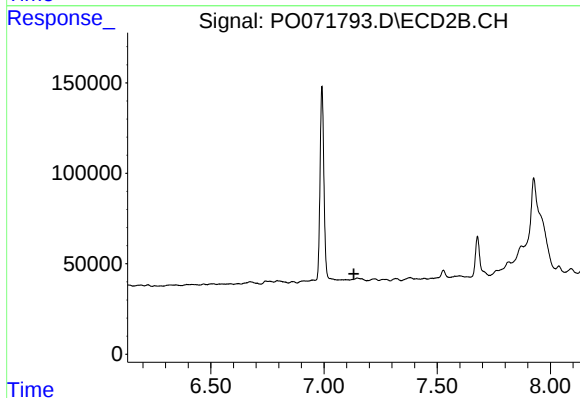
R.T.: 0.000 min  
Exp R.T. : 6.656 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

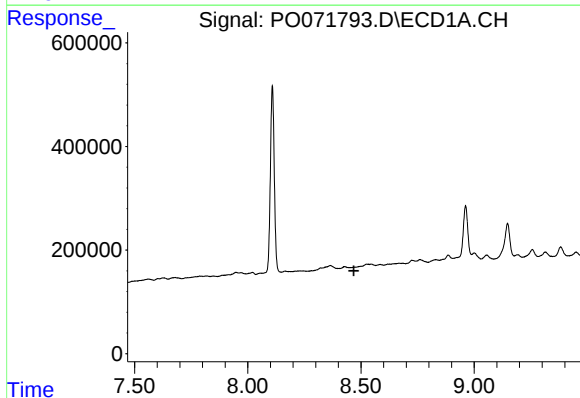
R.T.: 8.166 min  
Delta R.T.: 0.012 min  
Response: 21011  
Conc: 3.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



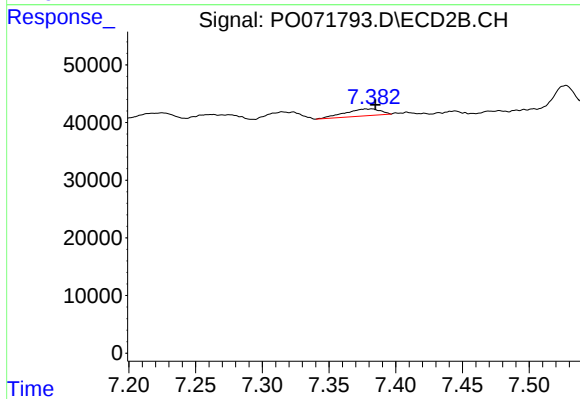
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.132 min  
Response: 0  
Conc: N.D.



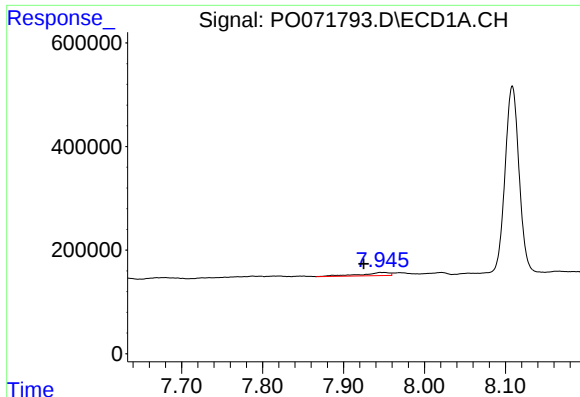
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.468 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

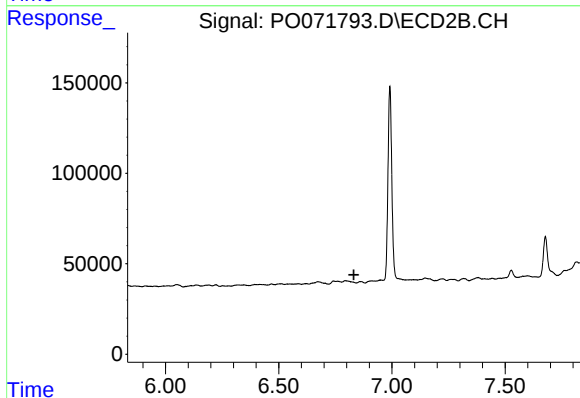
R.T.: 7.382 min  
Delta R.T.: -0.003 min  
Response: 22277  
Conc: 3.01 ng/ml



#36 AR-1262-1

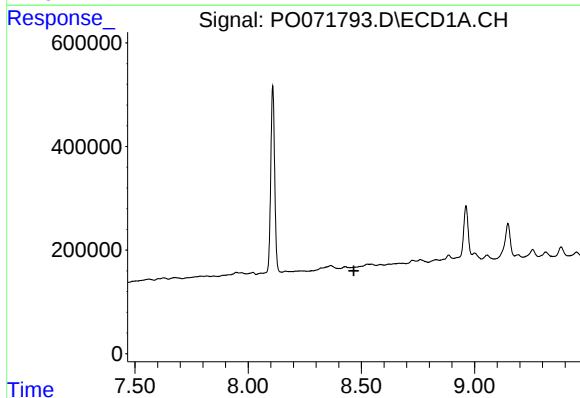
R.T.: 7.946 min  
Delta R.T.: 0.021 min  
Response: 157249  
Conc: 16.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



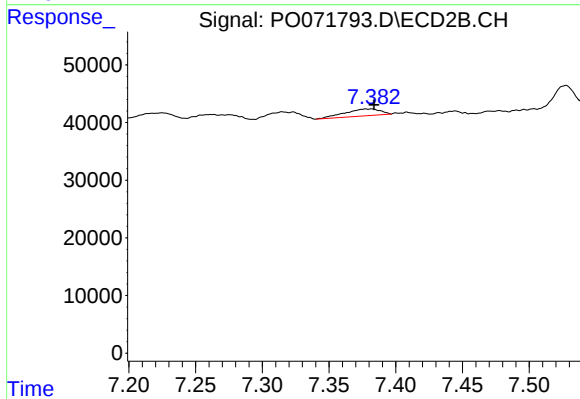
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 6.832 min  
Response: 0  
Conc: N.D.



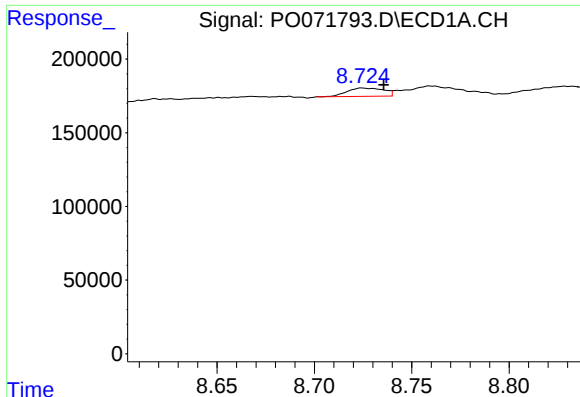
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.467 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

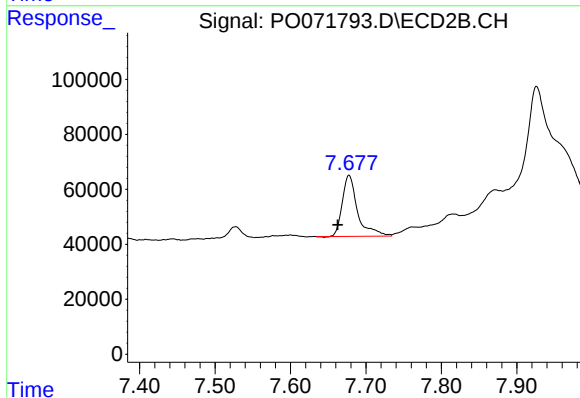
R.T.: 7.382 min  
Delta R.T.: -0.002 min  
Response: 22277  
Conc: 3.23 ng/ml



#38 AR-1262-3

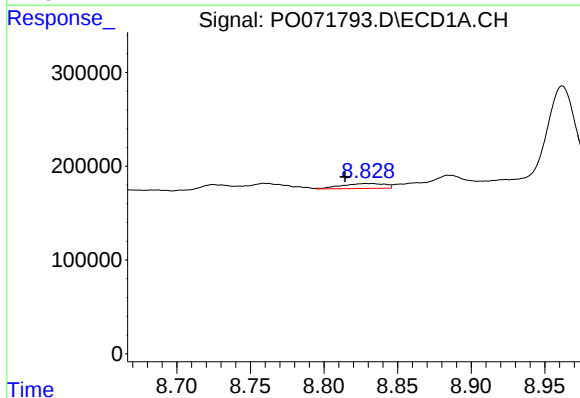
R.T.: 8.725 min  
Delta R.T.: -0.011 min  
Response: 73604  
Conc: 10.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



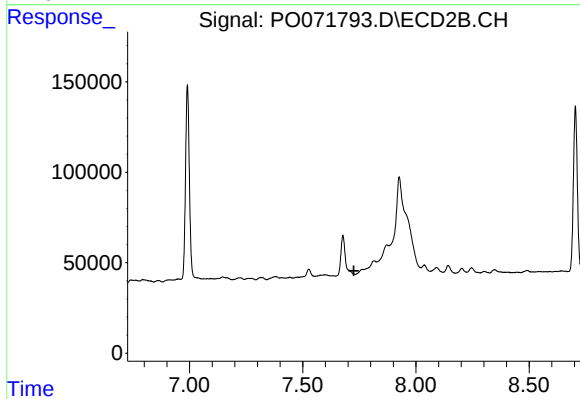
#38 AR-1262-3

R.T.: 7.678 min  
Delta R.T.: 0.015 min  
Response: 314936  
Conc: 105.58 ng/ml



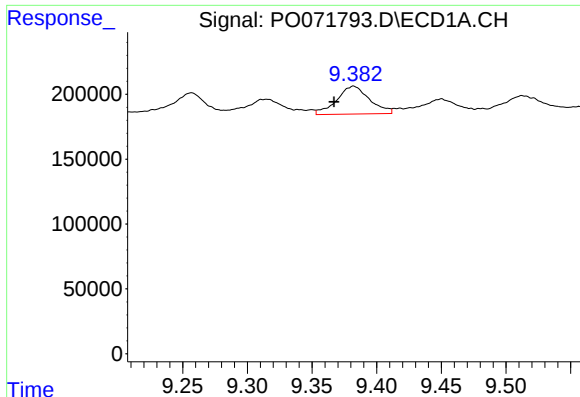
#39 AR-1262-4

R.T.: 8.832 min  
Delta R.T.: 0.018 min  
Response: 107608  
Conc: 28.35 ng/ml



#39 AR-1262-4

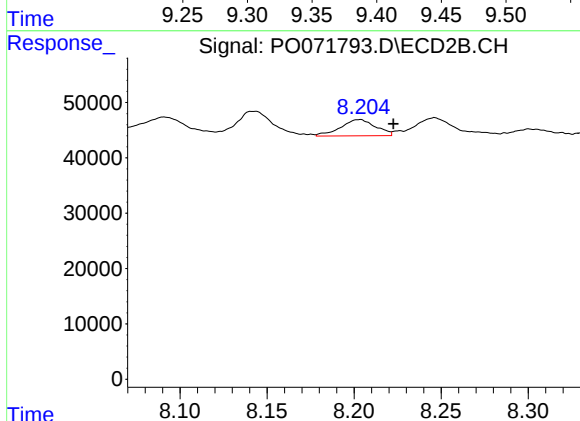
R.T.: 0.000 min  
Exp R.T.: 7.726 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

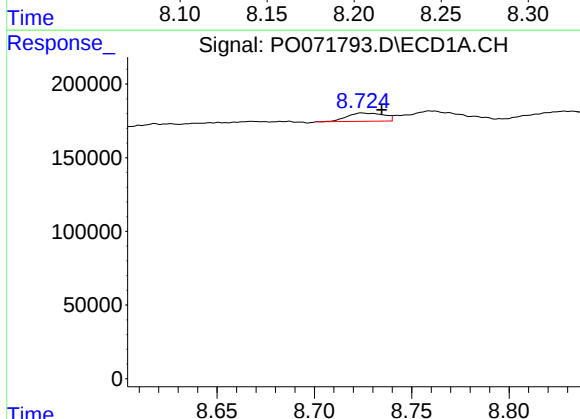
R.T.: 9.382 min  
Delta R.T.: 0.015 min  
Response: 380033  
Conc: 74.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



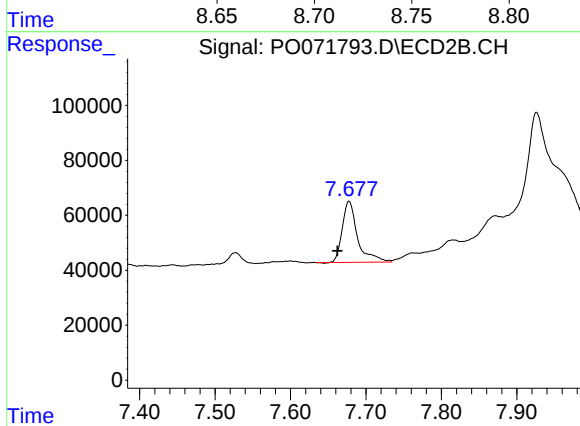
#40 AR-1262-5

R.T.: 8.203 min  
Delta R.T.: -0.020 min  
Response: 40953  
Conc: 15.03 ng/ml



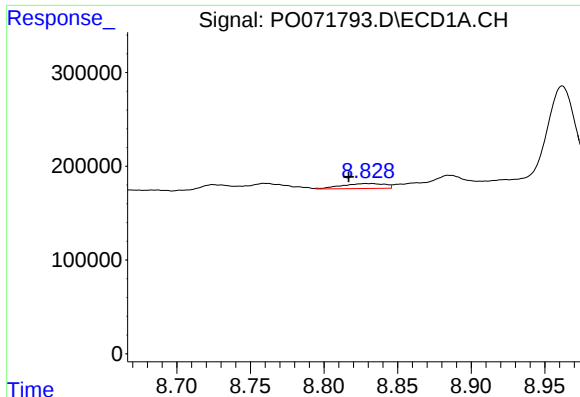
#41 AR-1268-1

R.T.: 8.725 min  
Delta R.T.: -0.010 min  
Response: 73604  
Conc: 3.99 ng/ml



#41 AR-1268-1

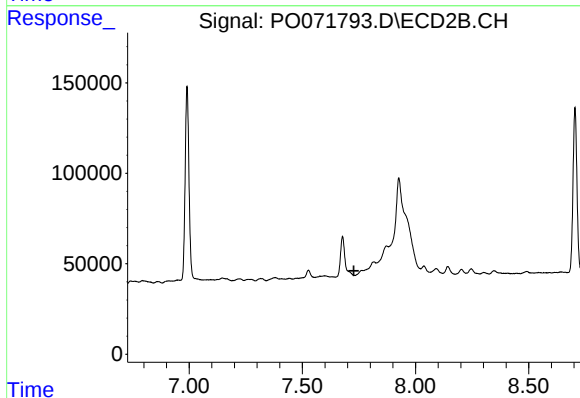
R.T.: 7.678 min  
Delta R.T.: 0.015 min  
Response: 314936  
Conc: 37.29 ng/ml



#42 AR-1268-2

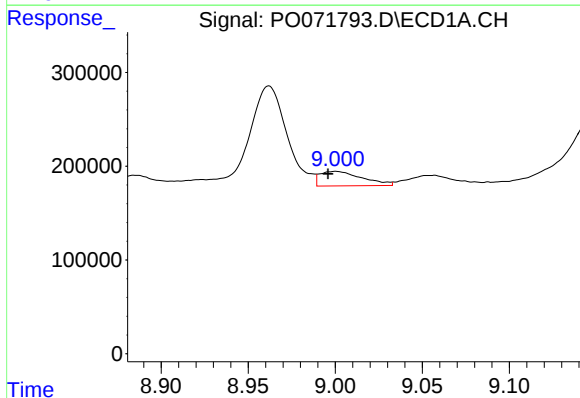
R.T.: 8.832 min  
Delta R.T.: 0.015 min  
Response: 107608  
Conc: 7.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



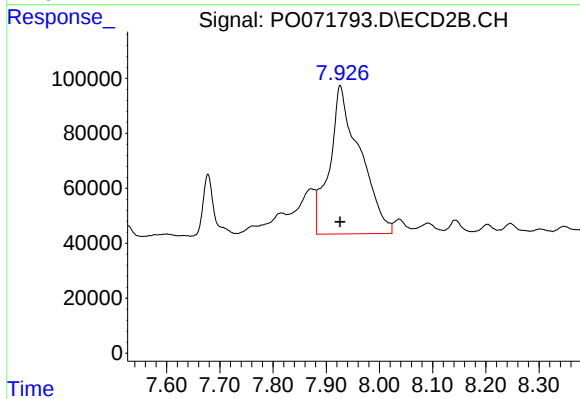
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.728 min  
Response: 0  
Conc: N.D.



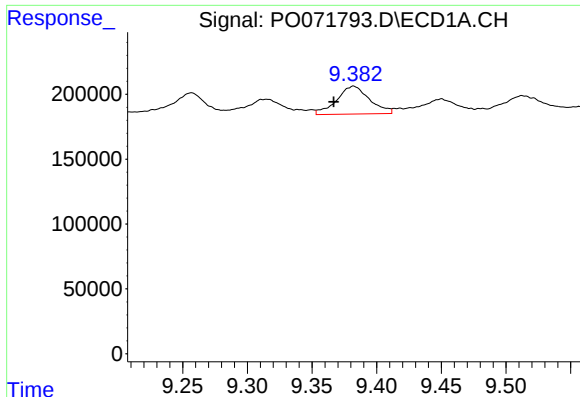
#43 AR-1268-3

R.T.: 9.000 min  
Delta R.T.: 0.005 min  
Response: 262828  
Conc: 19.95 ng/ml



#43 AR-1268-3

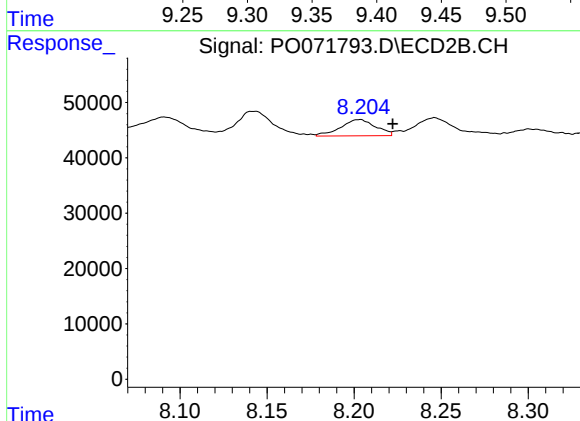
R.T.: 7.926 min  
Delta R.T.: 0.000 min  
Response: 2140054  
Conc: 329.56 ng/ml



#44 AR-1268-4

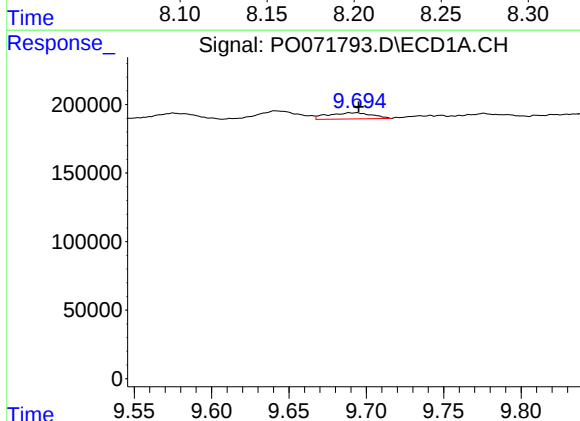
R.T.: 9.382 min  
Delta R.T.: 0.015 min  
Response: 380033  
Conc: 67.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



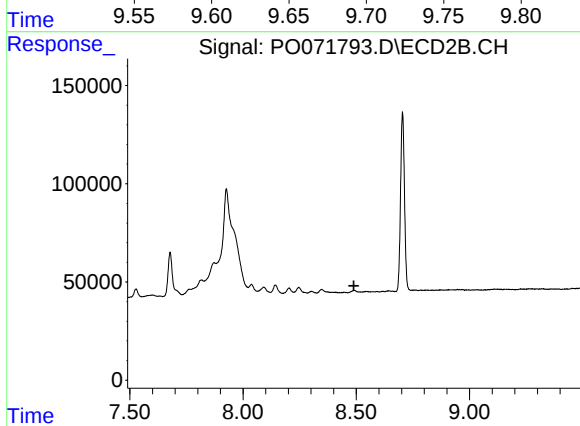
#44 AR-1268-4

R.T.: 8.203 min  
Delta R.T.: -0.019 min  
Response: 40953  
Conc: 13.66 ng/ml



#45 AR-1268-5

R.T.: 9.690 min  
Delta R.T.: -0.005 min  
Response: 89148  
Conc: 2.30 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 8.489 min  
Response: 0  
Conc: N.D.