

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101121\  
 Data File : PO081972.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Oct 2021 16:39  
 Operator : AJ\MA  
 Sample : M4152-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 12 02:24:57 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100621.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Oct 07 09:43:36 2021  
 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... | 4.991  | 3.979  | 1133197 | 453241  | 13.656  | 17.912 #   |
| 2)                          | SA Decachlor... | 11.119 | 9.311  | 847541  | 405663  | 14.289  | 17.172     |
| Target Compounds            |                 |        |        |         |         |         |            |
| 3)                          | L1 AR-1016-1    | 6.316  | 0.000  | 99938   | 0       | 36.138  | N.D. #     |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.288f | 0       | 154790  | N.D.    | 108.030 #  |
| 6)                          | L1 AR-1016-4    | 6.540f | 0.000  | 31905   | 0       | 16.191  | N.D. #     |
| 8)                          | L2 AR-1221-1    | 5.243  | 0.000  | 384706  | 0       | 402.841 | N.D. #     |
| 9)                          | L2 AR-1221-2    | 5.348  | 0.000  | 107153  | 0       | 165.969 | N.D. #     |
| 10)                         | L2 AR-1221-3    | 5.426  | 0.000  | 8969    | 0       | 4.206   | N.D. #     |
| 11)                         | L3 AR-1232-1    | 5.426  | 0.000  | 8969    | 0       | 5.377   | N.D. #     |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.288f | 0       | 154790  | N.D.    | 255.429 #  |
| 14)                         | L3 AR-1232-4    | 6.540f | 0.000  | 31905   | 0       | 38.656  | N.D. #     |
| 15)                         | L3 AR-1232-5    | 6.603f | 0.000  | 475156  | 0       | 786.955 | N.D. #     |
| 16)                         | L4 AR-1242-1    | 6.316  | 0.000  | 99938   | 0       | 48.596  | N.D. #     |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.288f | 0       | 154790  | N.D.    | 146.610 #  |
| 19)                         | L4 AR-1242-4    | 6.540  | 0.000  | 31905   | 0       | 22.390  | N.D. #     |
| 20)                         | L4 AR-1242-5    | 7.284f | 6.135  | 54318   | 42443   | 37.210  | 58.166 #   |
| 21)                         | L5 AR-1248-1    | 6.316  | 5.205f | 99938   | 18705   | 60.162  | 30.696 #   |
| 22)                         | L5 AR-1248-2    | 6.603  | 0.000  | 475156  | 0       | 216.382 | N.D. #     |
| 24)                         | L5 AR-1248-4    | 7.284  | 0.000  | 54318   | 0       | 20.757  | N.D. #     |
| 25)                         | L5 AR-1248-5    | 7.284f | 6.184f | 54318   | 61218   | 21.798  | 64.183 #   |
| 26)                         | L6 AR-1254-1    | 7.254  | 6.135  | 28517   | 42443   | 10.424  | 29.576 #   |
| 27)                         | L6 AR-1254-2    | 7.476  | 0.000  | 118744  | 0       | 29.105  | N.D. #     |
| 28)                         | L6 AR-1254-3    | 7.866  | 0.000  | 42869   | 0       | 10.506  | N.D. #     |
| 29)                         | L6 AR-1254-4    | 8.153  | 0.000  | 304877  | 0       | 101.657 | N.D. #     |
| 30)                         | L6 AR-1254-5    | 8.582  | 7.354f | 7988    | 46426   | 2.447   | 25.656 #   |
| 31)                         | L7 AR-1260-1    | 8.016  | 0.000  | 96125   | 0       | 30.615  | N.D. #     |
| 32)                         | L7 AR-1260-2    | 8.292  | 7.031  | 113261  | 32009   | 30.669  | 18.540 #   |
| 33)                         | L7 AR-1260-3    | 8.647  | 0.000  | 16969   | 0       | 6.863   | N.D. #     |
| 34)                         | L7 AR-1260-4    | 8.867f | 7.659f | 105654  | 1655681 | 35.388  | 1377.070 # |
| 35)                         | L7 AR-1260-5    | 9.223  | 0.000  | 11263   | 0       | 1.928   | N.D. #     |
| 36)                         | L8 AR-1262-1    | 8.647  | 7.354f | 16969   | 46426   | 4.316   | 46.456 #   |
| 37)                         | L8 AR-1262-2    | 9.223  | 0.000  | 11263   | 0       | 1.630   | N.D. #     |
| 38)                         | L8 AR-1262-3    | 9.563f | 0.000  | 692569  | 0       | 203.775 | N.D. #     |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.788  | 0       | 51781   | N.D.    | 45.124 #   |
| 41)                         | L9 AR-1268-1    | 9.563f | 0.000  | 692569  | 0       | 80.371  | N.D. #     |
| 43)                         | L9 AR-1268-3    | 9.898f | 0.000  | 172401  | 0       | 25.231  | N.D. #     |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.788  | 0       | 51781   | N.D.    | 39.372 #   |
| -----                       |                 |        |        |         |         |         |            |

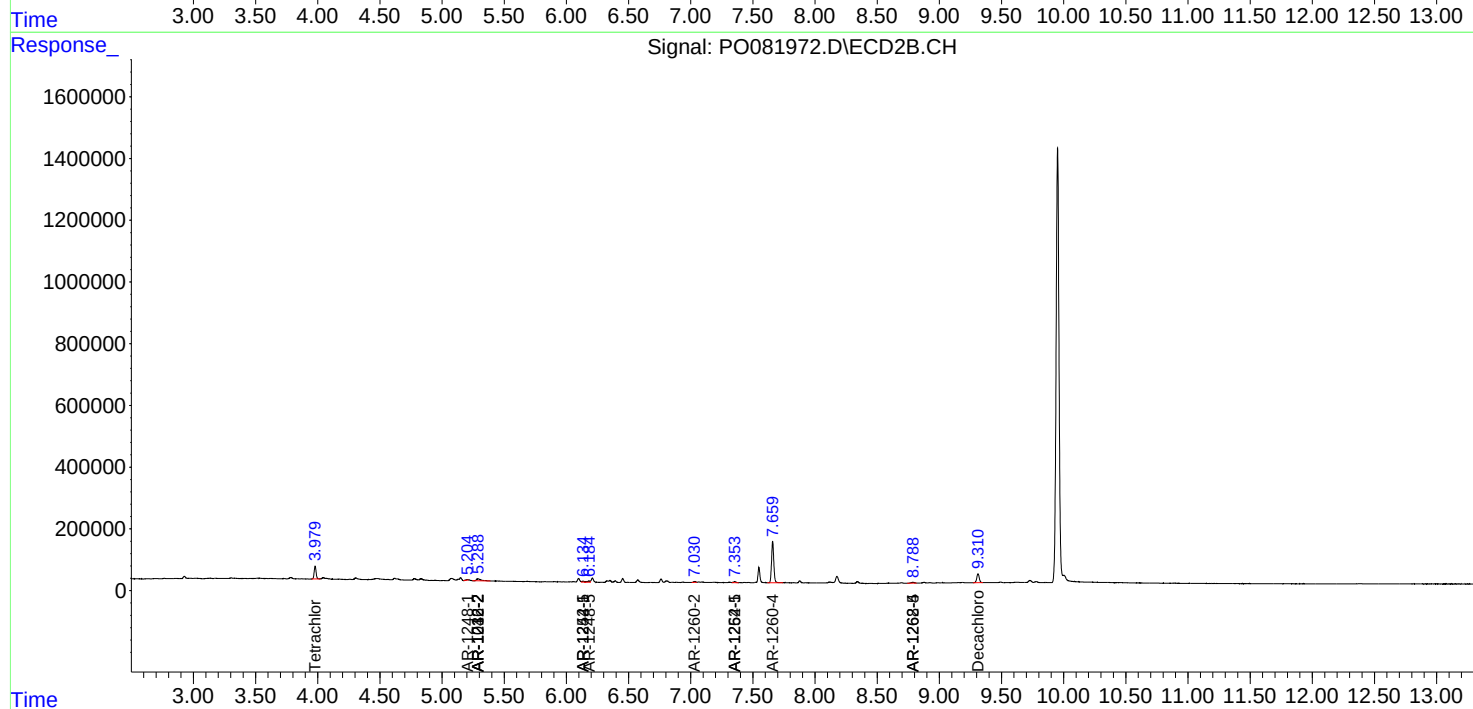
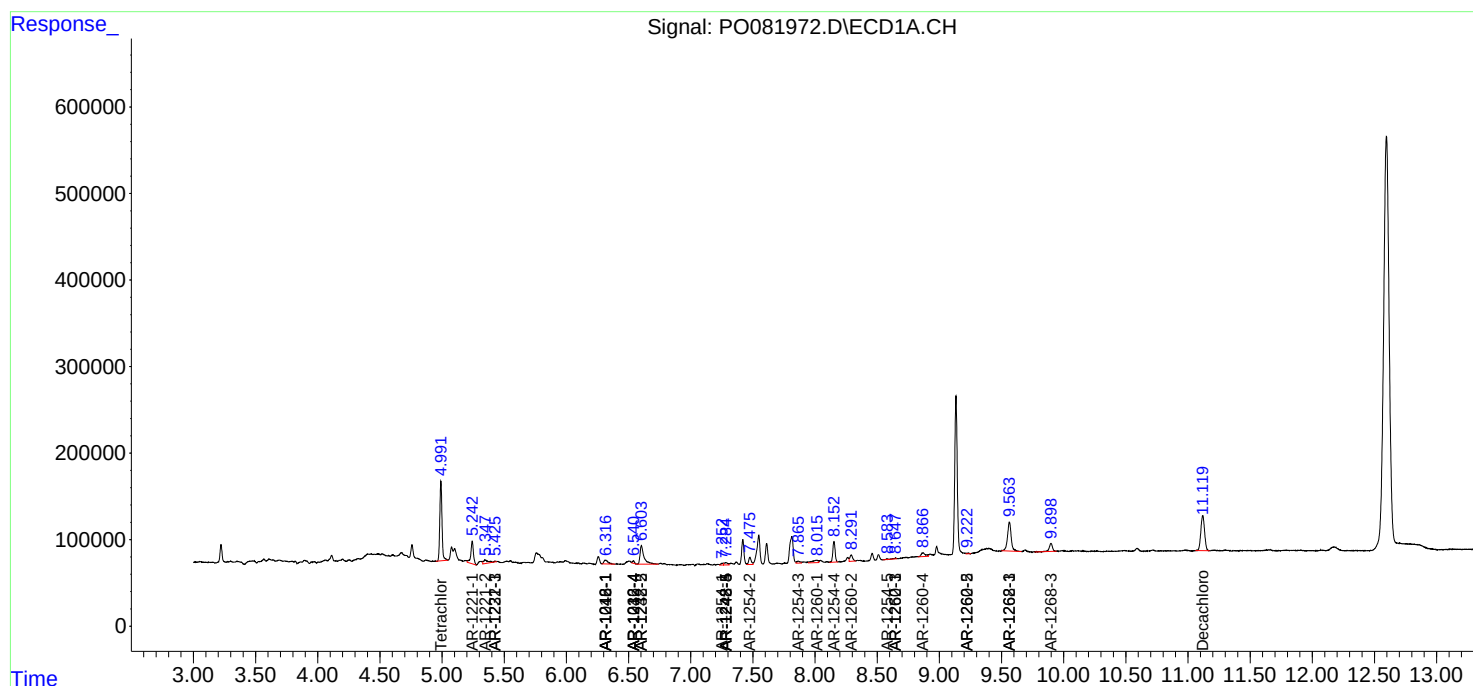
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

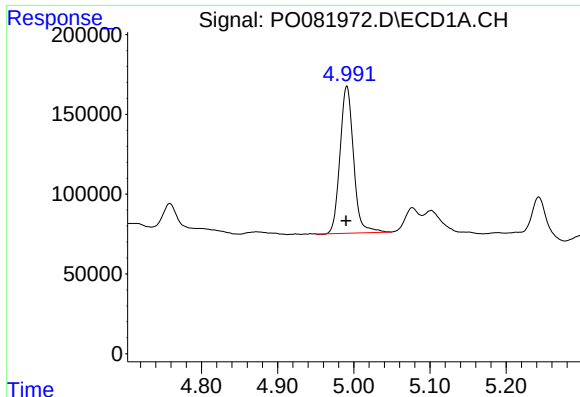
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101121\  
Data File : P0081972.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 Oct 2021 16:39  
Operator : AJ\MA  
Sample : M4152-03  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 12 02:24:57 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100621.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Oct 07 09:43:36 2021  
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

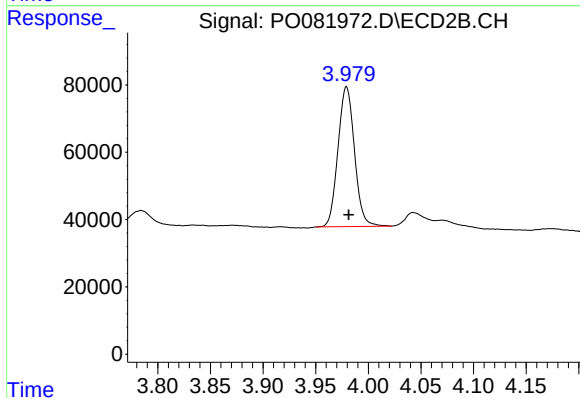




#1 Tetrachloro-m-xylene

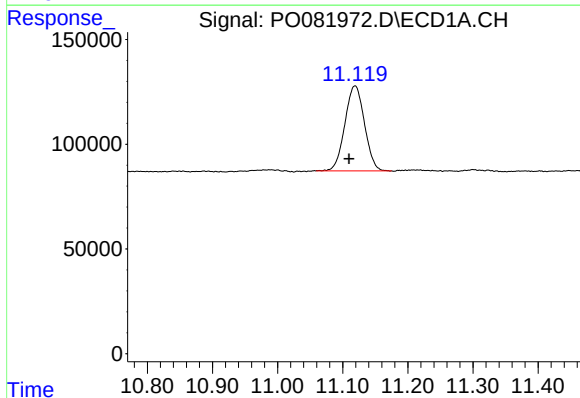
R.T.: 4.991 min  
Delta R.T.: 0.000 min  
Response: 1133197  
Conc: 13.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



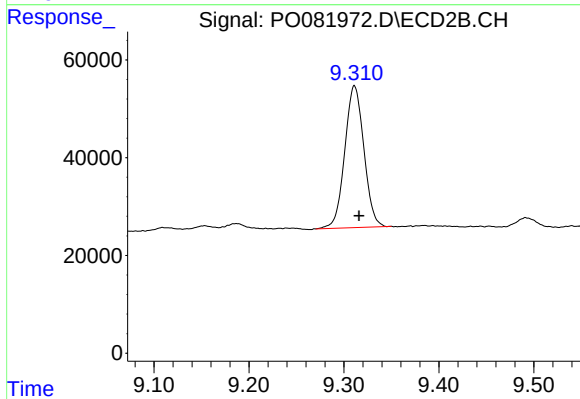
#1 Tetrachloro-m-xylene

R.T.: 3.979 min  
Delta R.T.: -0.002 min  
Response: 453241  
Conc: 17.91 ng/ml



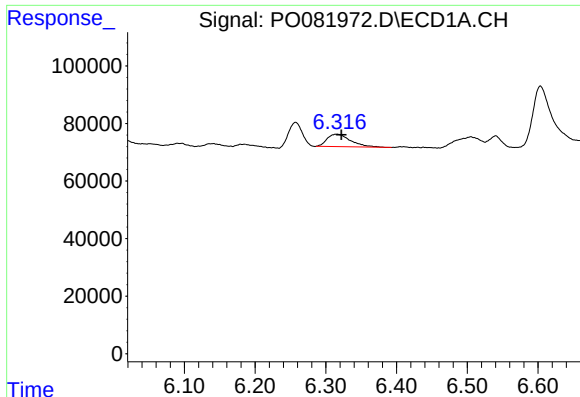
#2 Decachlorobiphenyl

R.T.: 11.119 min  
Delta R.T.: 0.009 min  
Response: 847541  
Conc: 14.29 ng/ml



#2 Decachlorobiphenyl

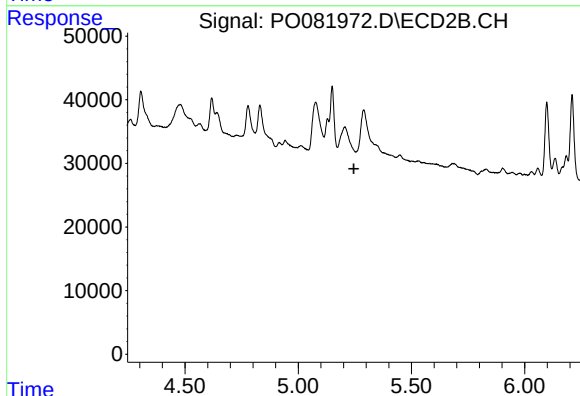
R.T.: 9.311 min  
Delta R.T.: -0.005 min  
Response: 405663  
Conc: 17.17 ng/ml



#3 AR-1016-1

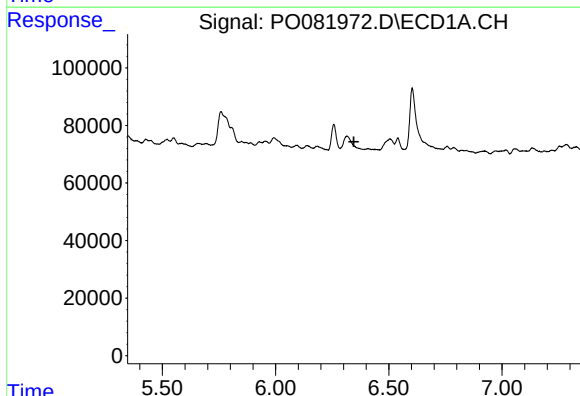
R.T.: 6.316 min  
Delta R.T.: -0.007 min  
Response: 99938  
Conc: 36.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



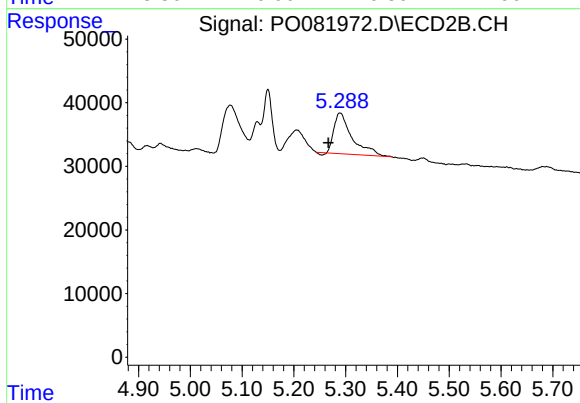
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.246 min  
Response: 0  
Conc: N.D.



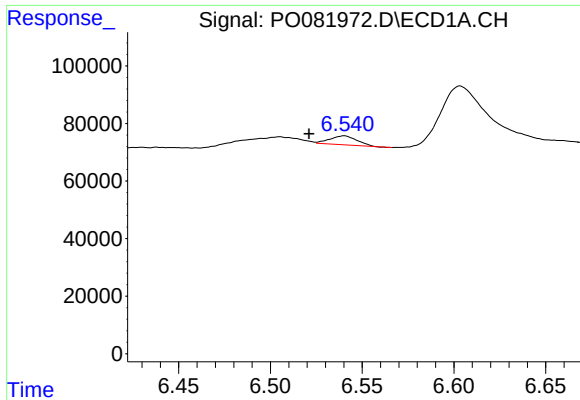
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 6.346 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

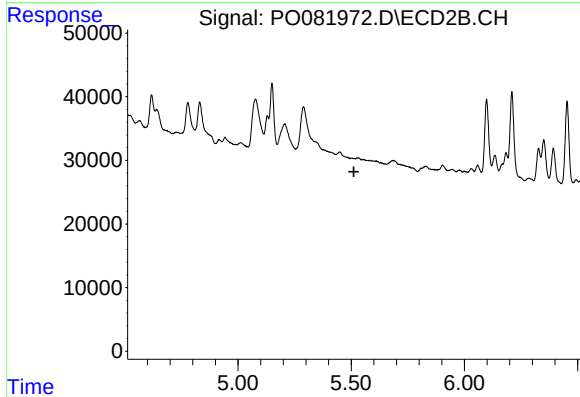
R.T.: 5.288 min  
Delta R.T.: 0.022 min  
Response: 154790  
Conc: 108.03 ng/ml



#6 AR-1016-4

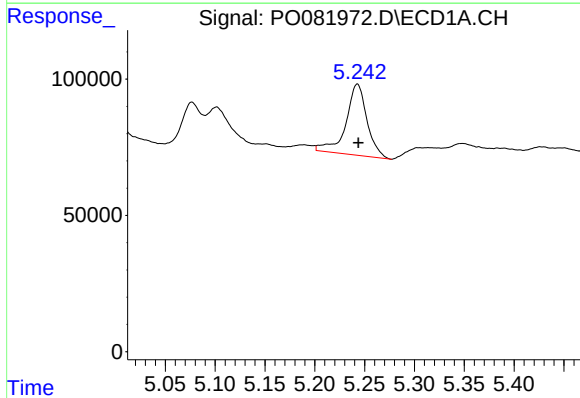
R.T.: 6.540 min  
Delta R.T.: 0.019 min  
Response: 31905  
Conc: 16.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



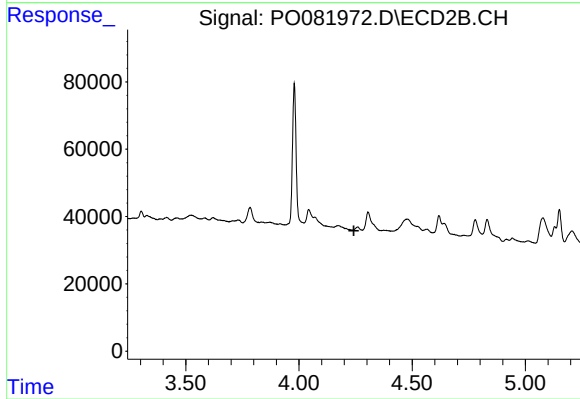
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.511 min  
Response: 0  
Conc: N.D.



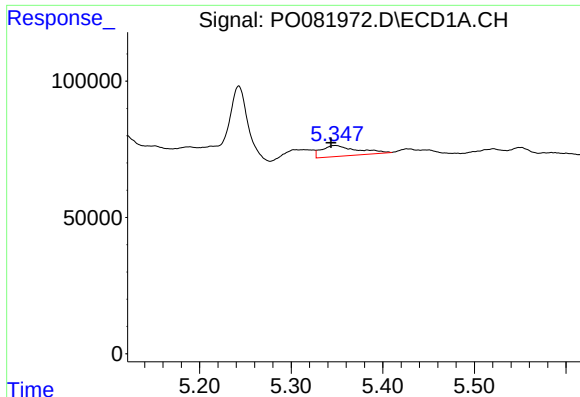
#8 AR-1221-1

R.T.: 5.243 min  
Delta R.T.: -0.001 min  
Response: 384706  
Conc: 402.84 ng/ml



#8 AR-1221-1

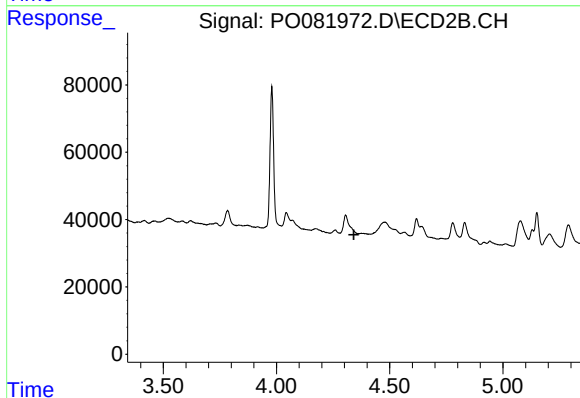
R.T.: 0.000 min  
Exp R.T. : 4.243 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

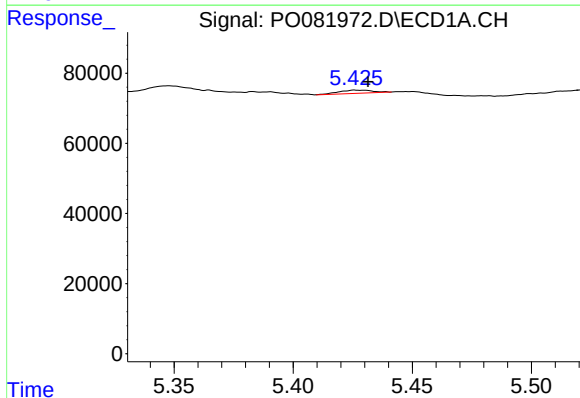
R.T.: 5.348 min  
Delta R.T.: 0.004 min  
Response: 107153  
Conc: 165.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



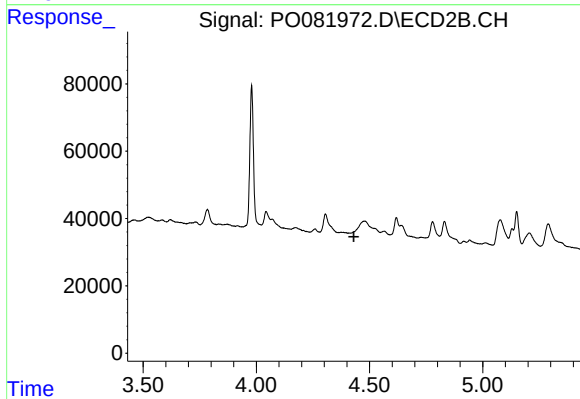
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.342 min  
Response: 0  
Conc: N.D.



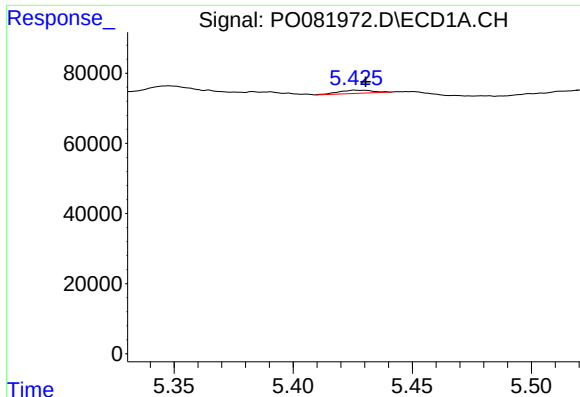
#10 AR-1221-3

R.T.: 5.426 min  
Delta R.T.: -0.005 min  
Response: 8969  
Conc: 4.21 ng/ml



#10 AR-1221-3

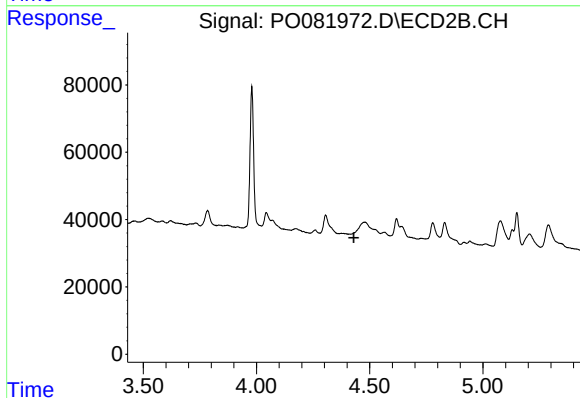
R.T.: 0.000 min  
Exp R.T. : 4.431 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

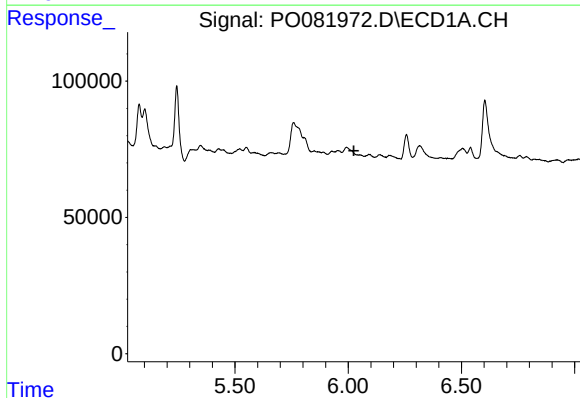
R.T.: 5.426 min  
Delta R.T.: -0.004 min  
Response: 8969  
Conc: 5.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



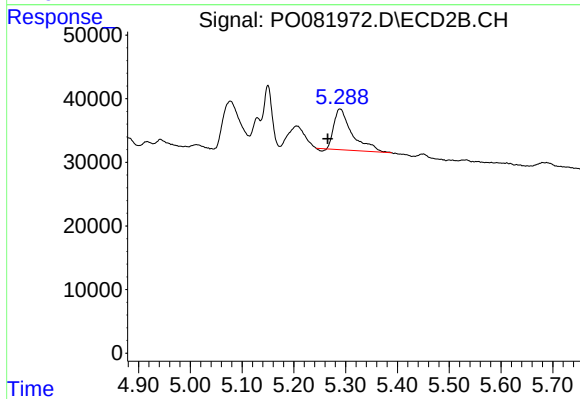
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.430 min  
Response: 0  
Conc: N.D.



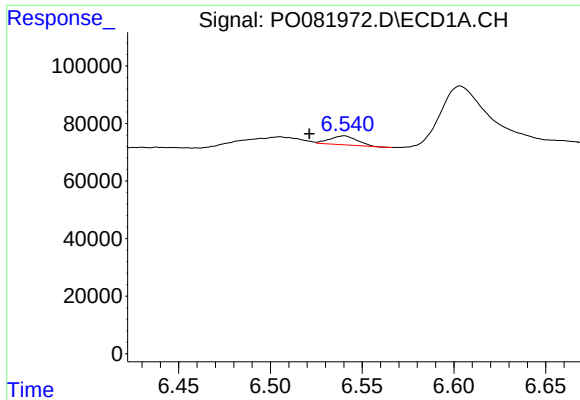
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 6.025 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

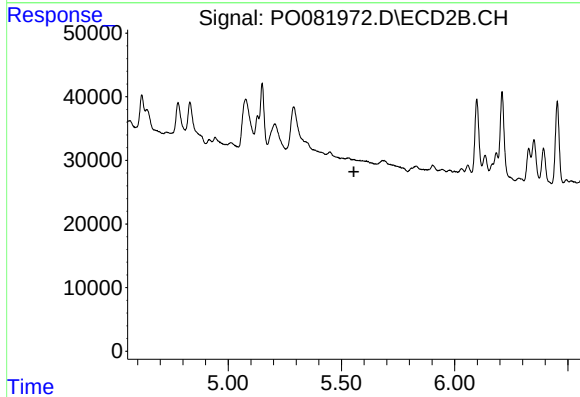
R.T.: 5.288 min  
Delta R.T.: 0.023 min  
Response: 154790  
Conc: 255.43 ng/ml



#14 AR-1232-4

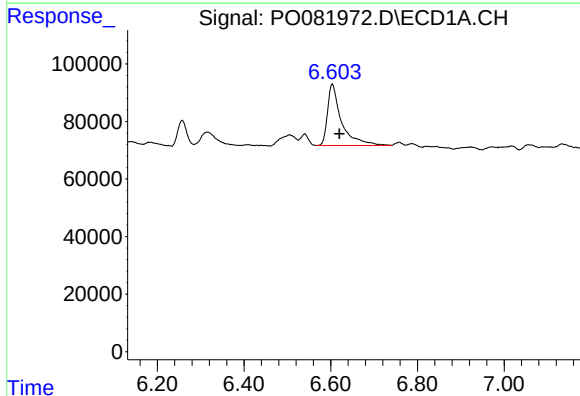
R.T.: 6.540 min  
Delta R.T.: 0.019 min  
Response: 31905  
Conc: 38.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



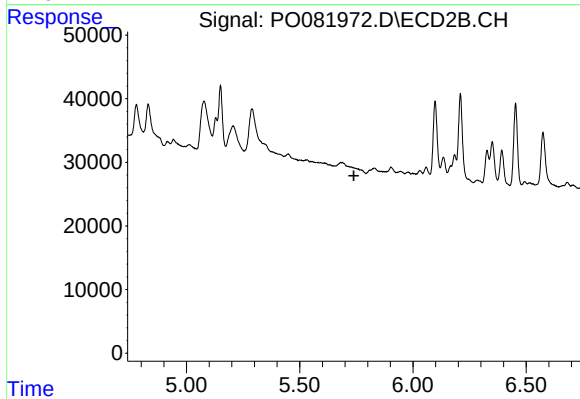
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.555 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

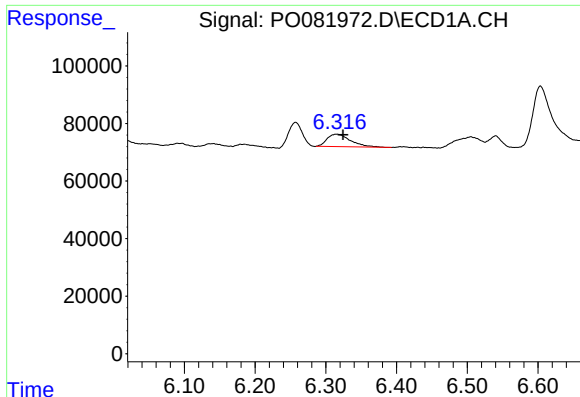
R.T.: 6.603 min  
Delta R.T.: -0.016 min  
Response: 475156  
Conc: 786.95 ng/ml



#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.739 min  
Response: 0  
Conc: N.D.

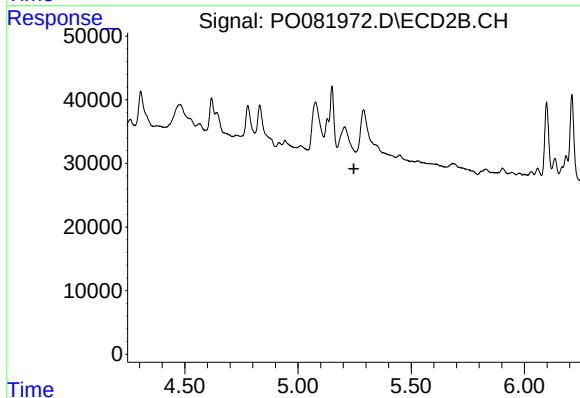




#16 AR-1242-1

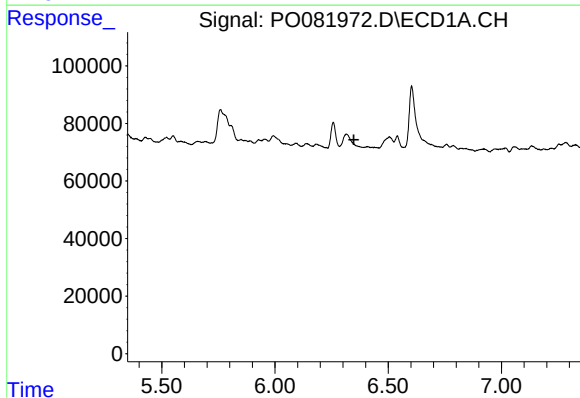
R.T.: 6.316 min  
Delta R.T.: -0.009 min  
Response: 99938  
Conc: 48.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



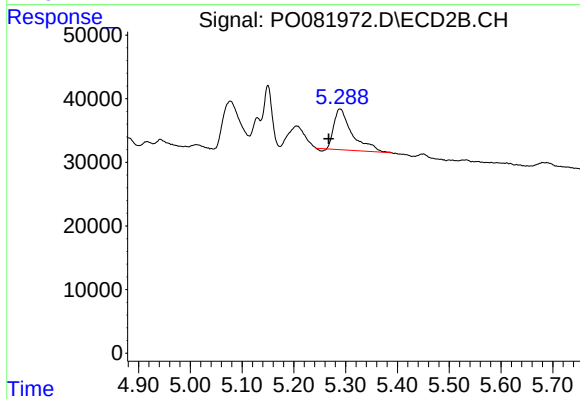
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.247 min  
Response: 0  
Conc: N.D.



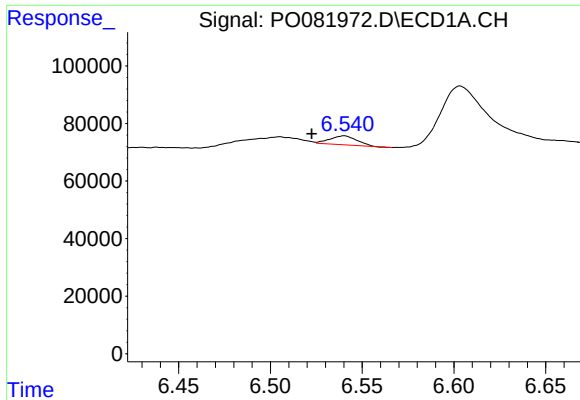
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 6.348 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

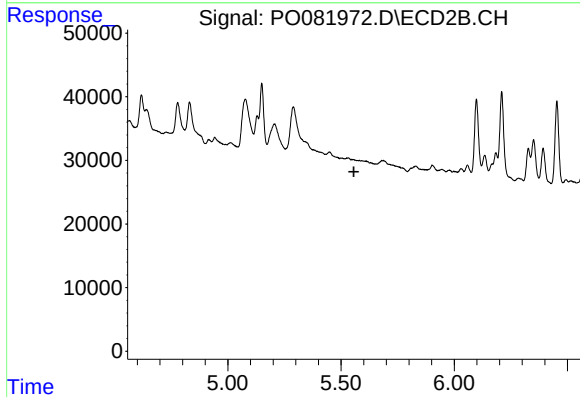
R.T.: 5.288 min  
Delta R.T.: 0.021 min  
Response: 154790  
Conc: 146.61 ng/ml



#19 AR-1242-4

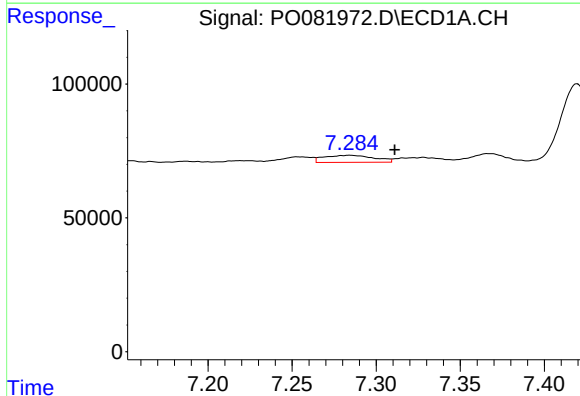
R.T.: 6.540 min  
Delta R.T.: 0.018 min  
Response: 31905  
Conc: 22.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



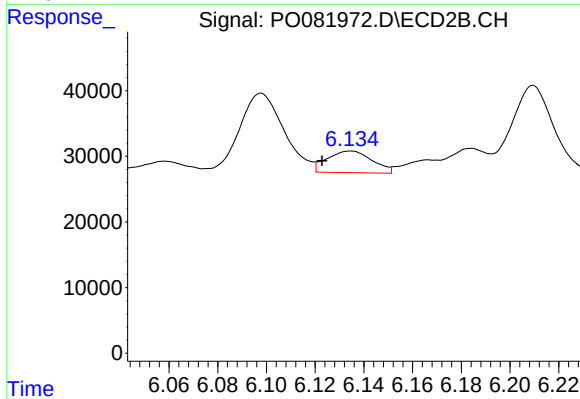
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.557 min  
Response: 0  
Conc: N.D.



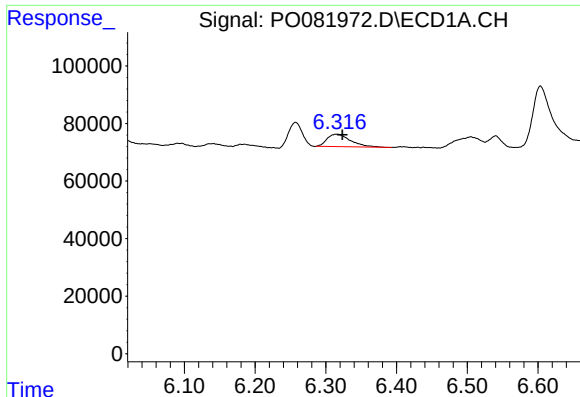
#20 AR-1242-5

R.T.: 7.284 min  
Delta R.T.: -0.027 min  
Response: 54318  
Conc: 37.21 ng/ml



#20 AR-1242-5

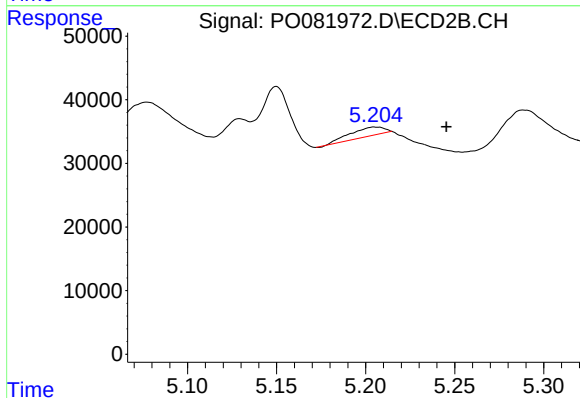
R.T.: 6.135 min  
Delta R.T.: 0.012 min  
Response: 42443  
Conc: 58.17 ng/ml



#21 AR-1248-1

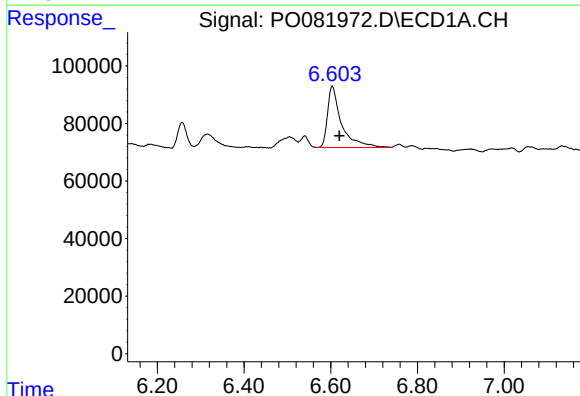
R.T.: 6.316 min  
Delta R.T.: -0.008 min  
Response: 99938  
Conc: 60.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



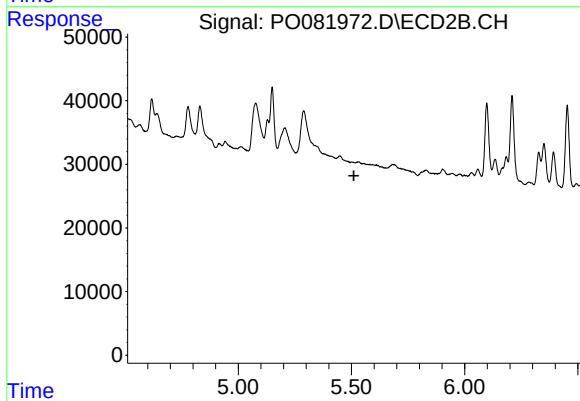
#21 AR-1248-1

R.T.: 5.205 min  
Delta R.T.: -0.040 min  
Response: 18705  
Conc: 30.70 ng/ml



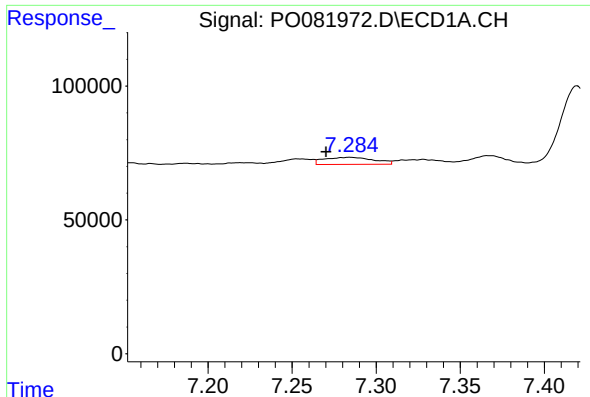
#22 AR-1248-2

R.T.: 6.603 min  
Delta R.T.: -0.017 min  
Response: 475156  
Conc: 216.38 ng/ml



#22 AR-1248-2

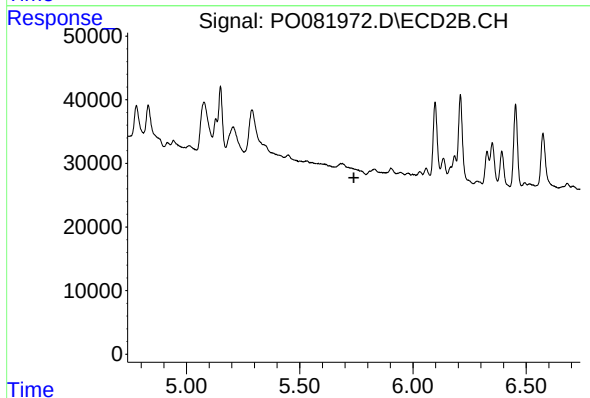
R.T.: 0.000 min  
Exp R.T. : 5.511 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

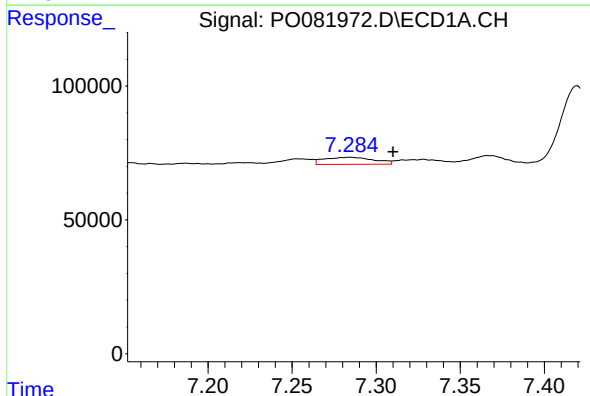
R.T.: 7.284 min  
Delta R.T.: 0.014 min  
Response: 54318  
Conc: 20.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



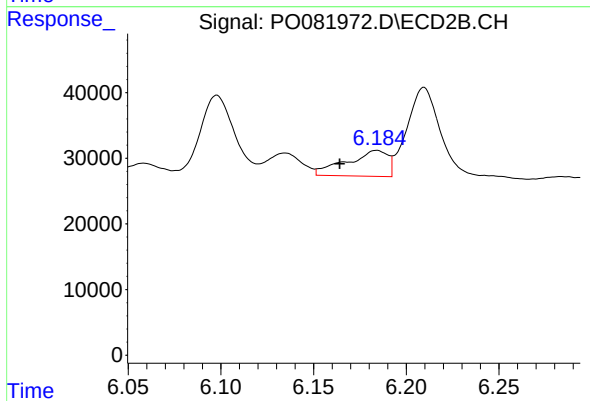
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.739 min  
Response: 0  
Conc: N.D.



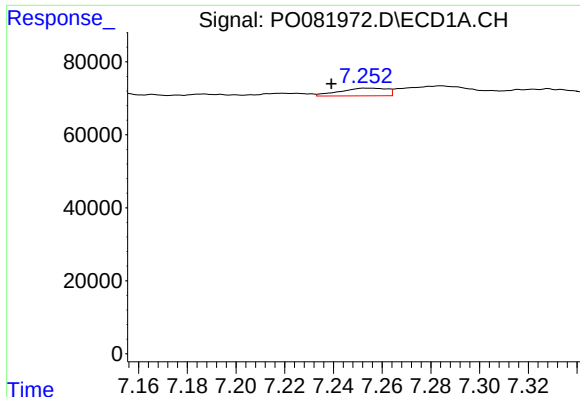
#25 AR-1248-5

R.T.: 7.284 min  
Delta R.T.: -0.026 min  
Response: 54318  
Conc: 21.80 ng/ml



#25 AR-1248-5

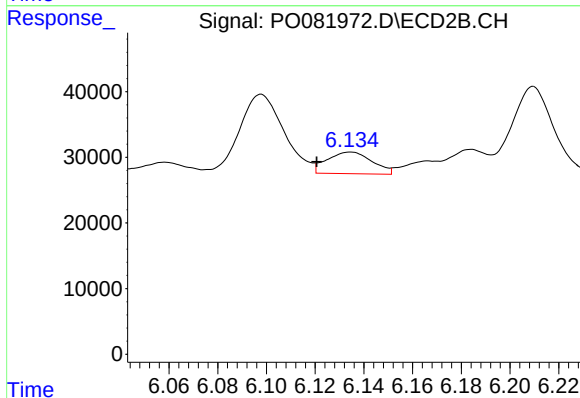
R.T.: 6.184 min  
Delta R.T.: 0.020 min  
Response: 61218  
Conc: 64.18 ng/ml



#26 AR-1254-1

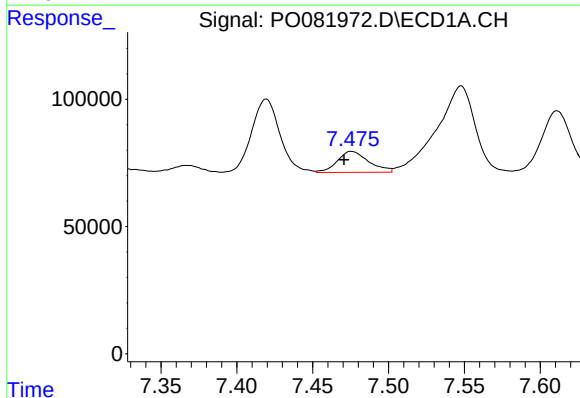
R.T.: 7.254 min  
Delta R.T.: 0.014 min  
Response: 28517  
Conc: 10.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



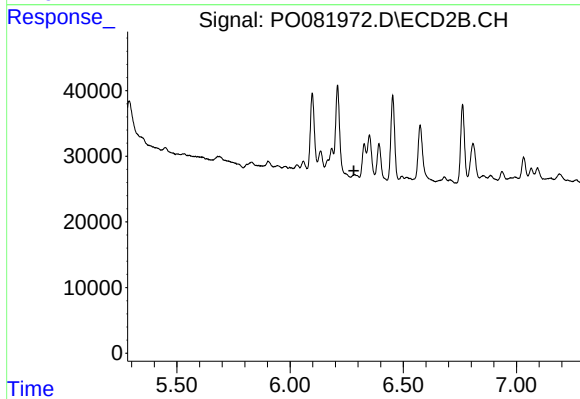
#26 AR-1254-1

R.T.: 6.135 min  
Delta R.T.: 0.014 min  
Response: 42443  
Conc: 29.58 ng/ml



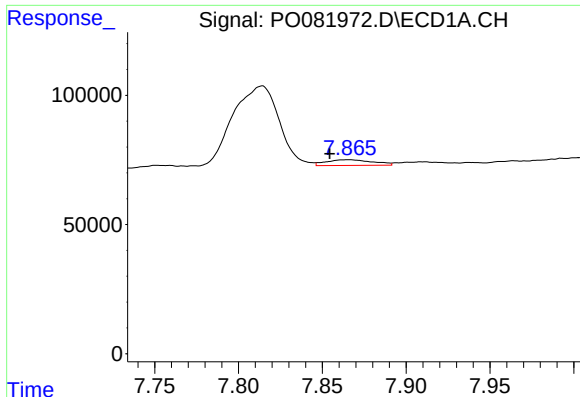
#27 AR-1254-2

R.T.: 7.476 min  
Delta R.T.: 0.005 min  
Response: 118744  
Conc: 29.10 ng/ml



#27 AR-1254-2

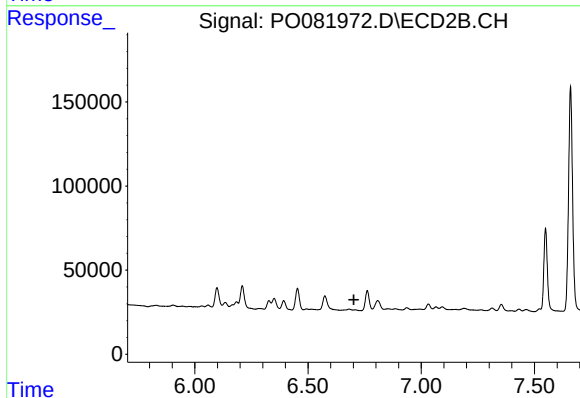
R.T.: 0.000 min  
Exp R.T.: 6.282 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

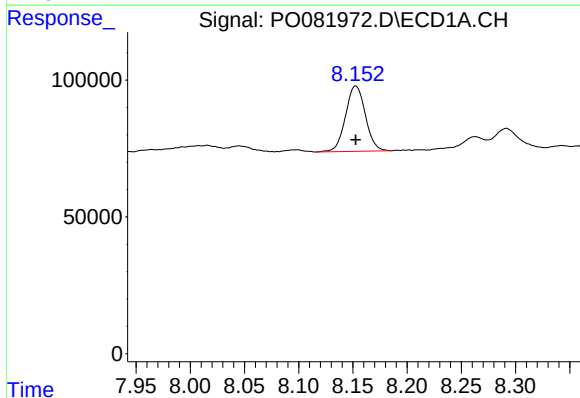
R.T.: 7.866 min  
Delta R.T.: 0.011 min  
Response: 42869  
Conc: 10.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



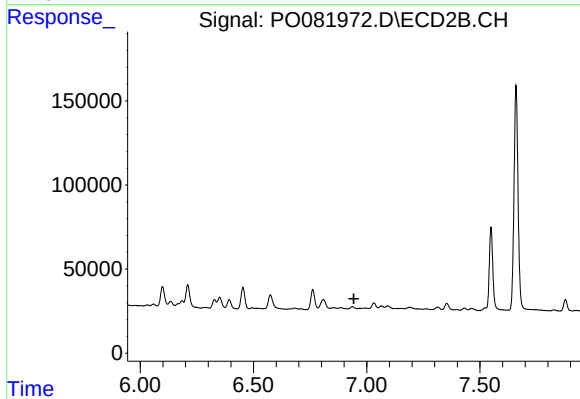
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.702 min  
Response: 0  
Conc: N.D.



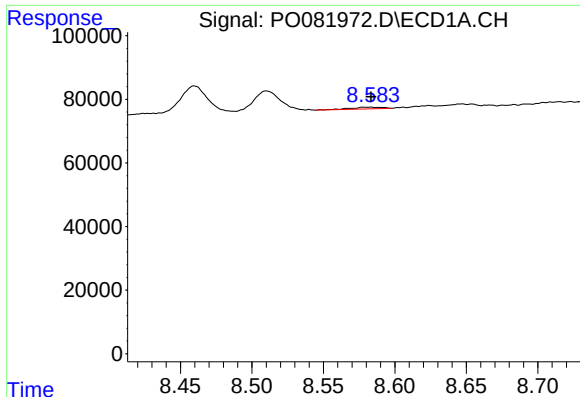
#29 AR-1254-4

R.T.: 8.153 min  
Delta R.T.: 0.000 min  
Response: 304877  
Conc: 101.66 ng/ml



#29 AR-1254-4

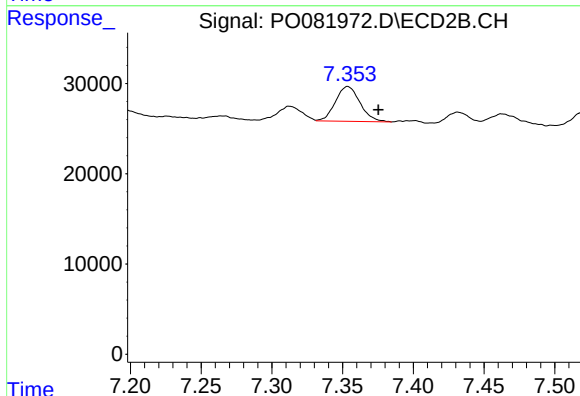
R.T.: 0.000 min  
Exp R.T. : 6.944 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

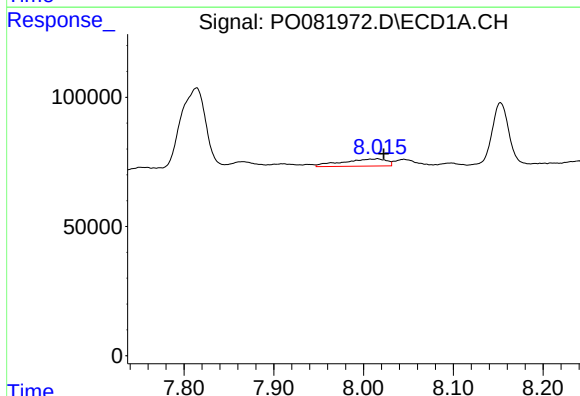
R.T.: 8.582 min  
Delta R.T.: 0.000 min  
Response: 7988  
Conc: 2.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



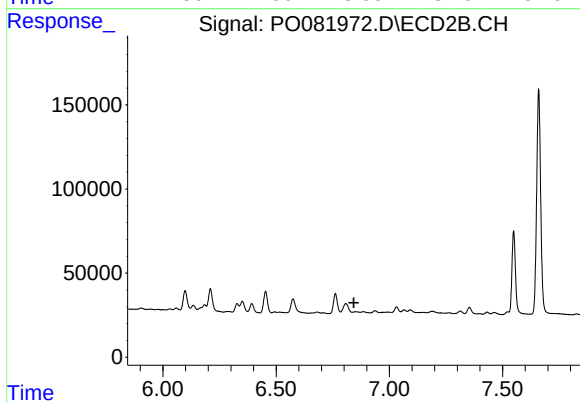
#30 AR-1254-5

R.T.: 7.354 min  
Delta R.T.: -0.022 min  
Response: 46426  
Conc: 25.66 ng/ml



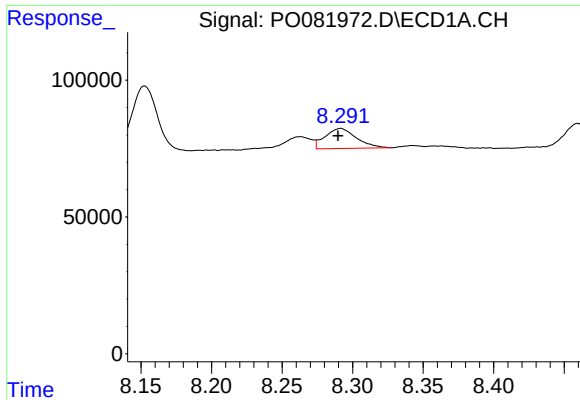
#31 AR-1260-1

R.T.: 8.016 min  
Delta R.T.: -0.007 min  
Response: 96125  
Conc: 30.62 ng/ml



#31 AR-1260-1

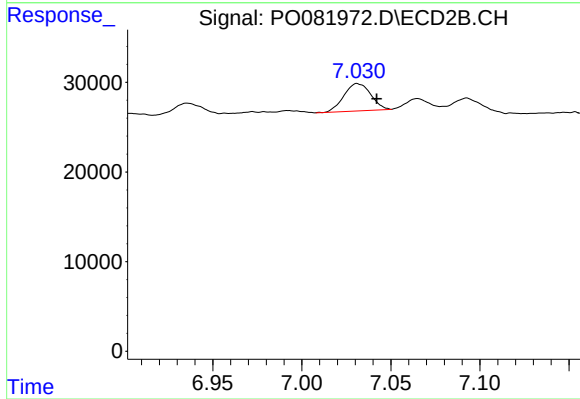
R.T.: 0.000 min  
Exp R.T.: 6.844 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

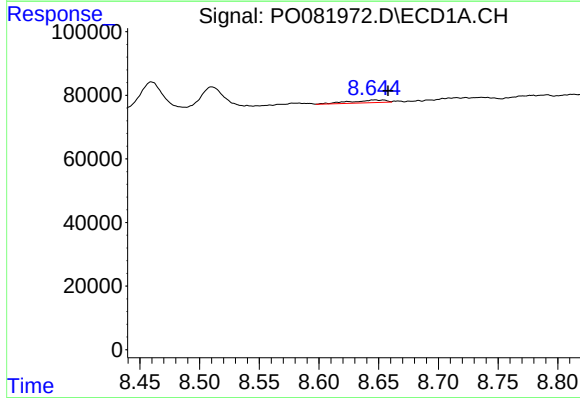
R.T.: 8.292 min  
Delta R.T.: 0.002 min  
Response: 113261  
Conc: 30.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



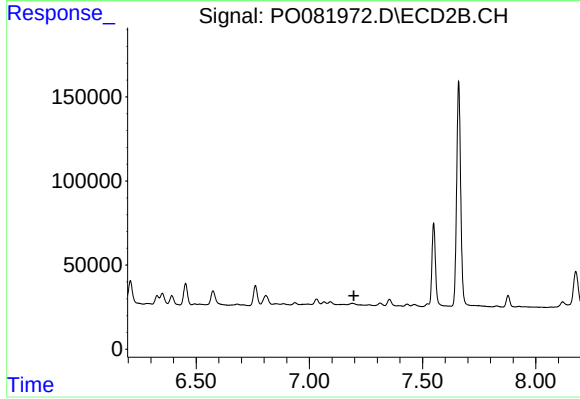
#32 AR-1260-2

R.T.: 7.031 min  
Delta R.T.: -0.011 min  
Response: 32009  
Conc: 18.54 ng/ml



#33 AR-1260-3

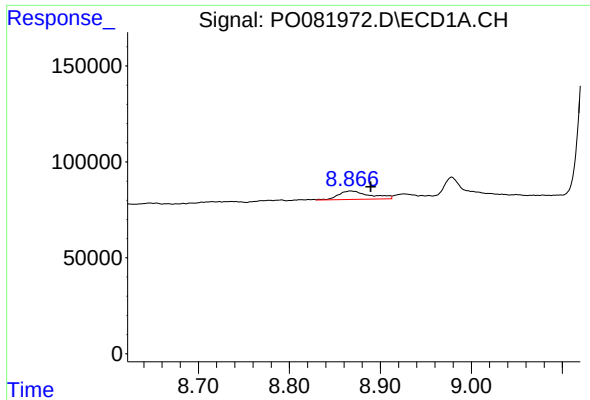
R.T.: 8.647 min  
Delta R.T.: -0.011 min  
Response: 16969  
Conc: 6.86 ng/ml



#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.197 min  
Response: 0  
Conc: N.D.

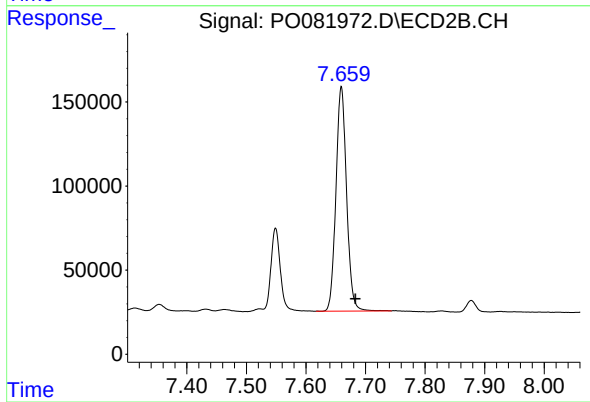




#34 AR-1260-4

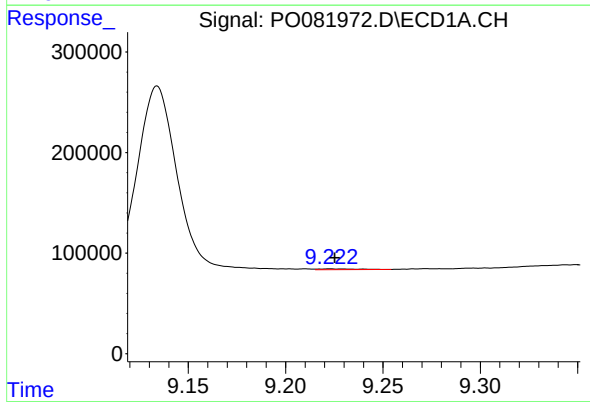
R.T.: 8.867 min  
Delta R.T.: -0.022 min  
Response: 105654  
Conc: 35.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



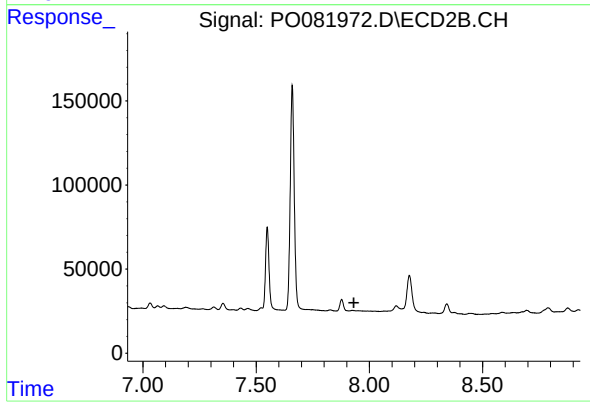
#34 AR-1260-4

R.T.: 7.659 min  
Delta R.T.: -0.024 min  
Response: 1655681  
Conc: 1377.07 ng/ml



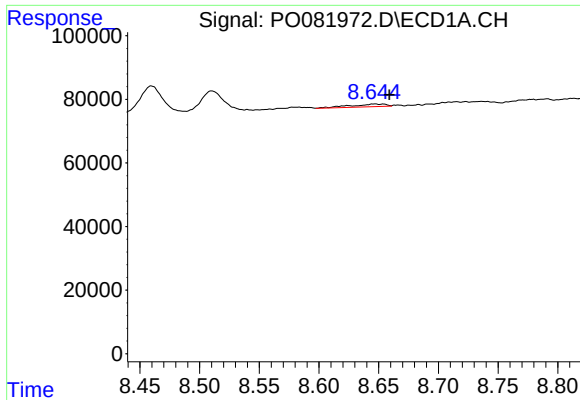
#35 AR-1260-5

R.T.: 9.223 min  
Delta R.T.: -0.003 min  
Response: 11263  
Conc: 1.93 ng/ml



#35 AR-1260-5

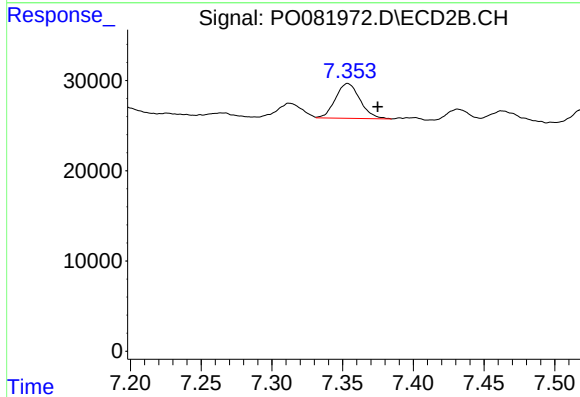
R.T.: 0.000 min  
Exp R.T.: 7.932 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

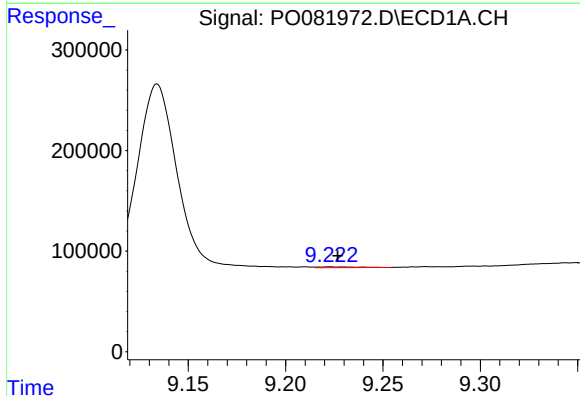
R.T.: 8.647 min  
Delta R.T.: -0.012 min  
Response: 16969  
Conc: 4.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



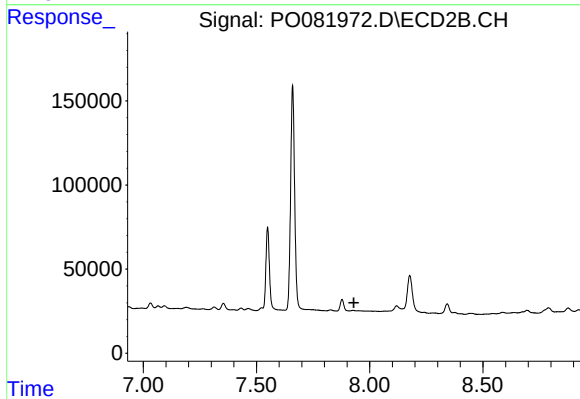
#36 AR-1262-1

R.T.: 7.354 min  
Delta R.T.: -0.021 min  
Response: 46426  
Conc: 46.46 ng/ml



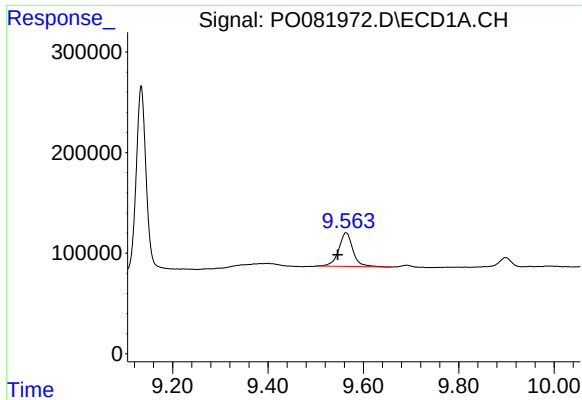
#37 AR-1262-2

R.T.: 9.223 min  
Delta R.T.: -0.004 min  
Response: 11263  
Conc: 1.63 ng/ml



#37 AR-1262-2

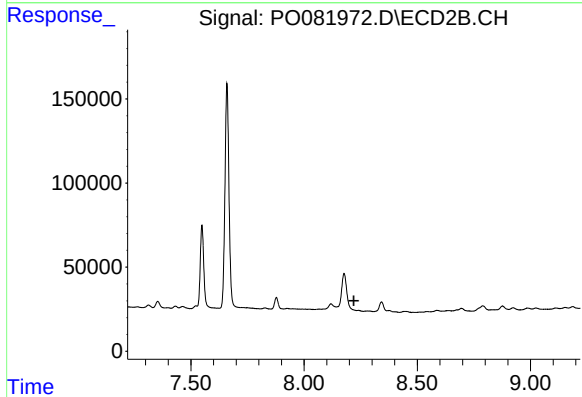
R.T.: 0.000 min  
Exp R.T.: 7.930 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

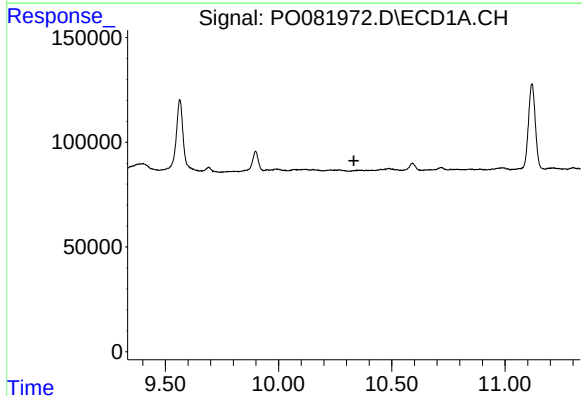
R.T.: 9.563 min  
Delta R.T.: 0.017 min  
Response: 692569  
Conc: 203.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



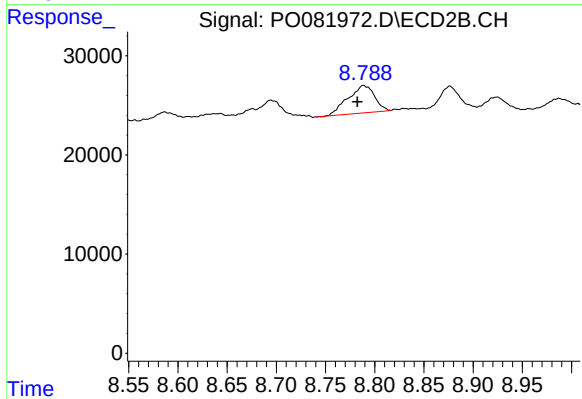
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.220 min  
Response: 0  
Conc: N.D.



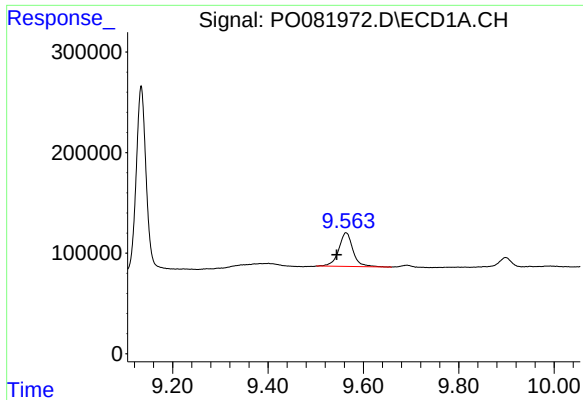
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 10.332 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

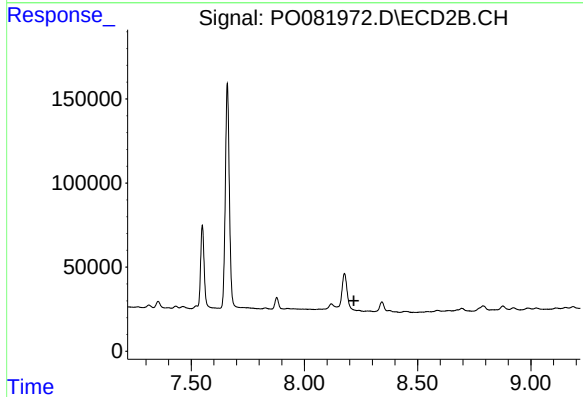
R.T.: 8.788 min  
Delta R.T.: 0.006 min  
Response: 51781  
Conc: 45.12 ng/ml



#41 AR-1268-1

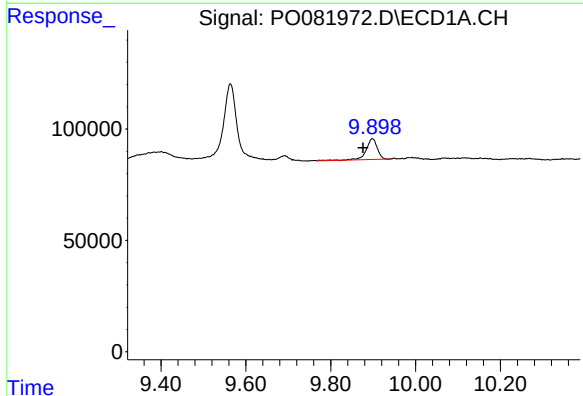
R.T.: 9.563 min  
Delta R.T.: 0.020 min  
Response: 692569  
Conc: 80.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



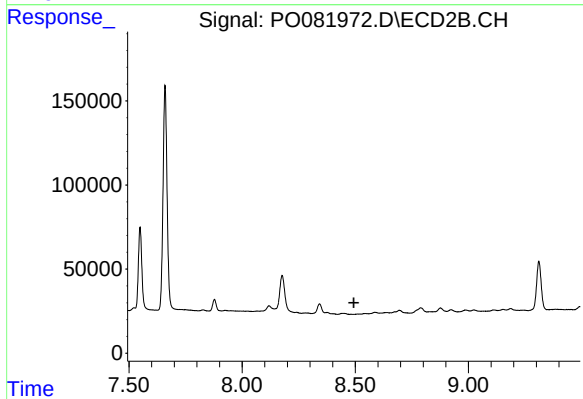
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.219 min  
Response: 0  
Conc: N.D.



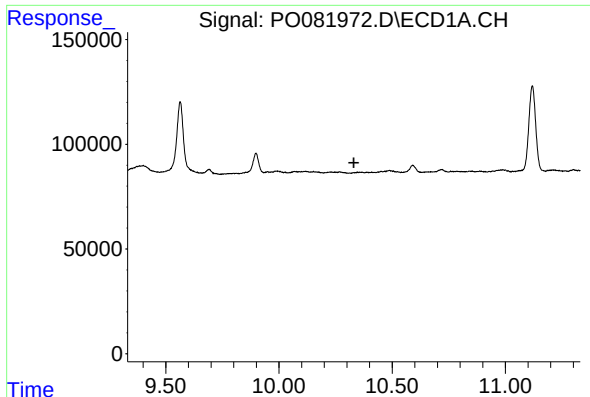
#43 AR-1268-3

R.T.: 9.898 min  
Delta R.T.: 0.022 min  
Response: 172401  
Conc: 25.23 ng/ml



#43 AR-1268-3

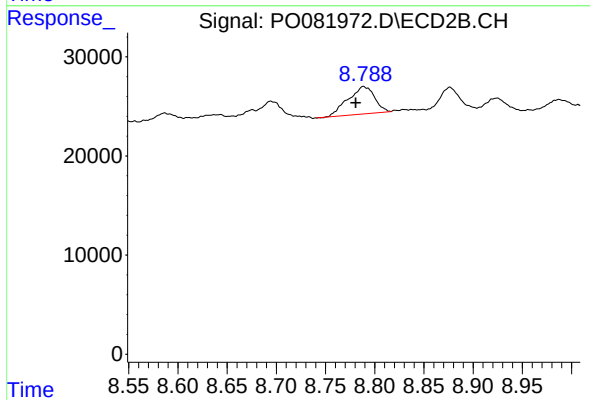
R.T.: 0.000 min  
Exp R.T. : 8.494 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 10.331 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#44 AR-1268-4

R.T.: 8.788 min  
Delta R.T.: 0.008 min  
Response: 51781  
Conc: 39.37 ng/ml