

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042420\  
 Data File : P0068036.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 24 Apr 2020 12:05  
 Operator : DD\AJ  
 Sample : L2377-01RE  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 24 13:37:21 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0040120.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 03 16:04:09 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... | 4.923  | 3.940 | 337167 | 495888 | 14.158  | 14.795    |
| 2)                          | SA Decachlor... | 10.893 | 9.220 | 332176 | 117378 | 9.757   | 2.839 #   |
| Target Compounds            |                 |        |       |        |        |         |           |
| 5)                          | L1 AR-1016-3    | 6.405  | 5.351 | 6366   | 15520  | 7.242   | 14.839 #  |
| 6)                          | L1 AR-1016-4    | 6.405  | 0.000 | 6366   | 0      | 9.028   | N.D. #    |
| 7)                          | L1 AR-1016-5    | 6.702  | 5.624 | 27270  | 55076  | 37.925  | 48.670 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.432 | 0      | 229142 | N.D.    | 233.404 # |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.432 | 0      | 229142 | N.D.    | 331.098 # |
| 12)                         | L3 AR-1232-2    | 5.908  | 0.000 | 23344  | 0      | 87.015  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.351 | 0      | 15520  | N.D.    | 40.262 #  |
| 14)                         | L3 AR-1232-4    | 6.405  | 0.000 | 6366   | 0      | 24.763  | N.D. #    |
| 15)                         | L3 AR-1232-5    | 6.534  | 5.624 | 23079  | 55076  | 123.213 | 144.126   |
| 18)                         | L4 AR-1242-3    | 6.405  | 5.351 | 6366   | 15520  | 10.863  | 21.704 #  |
| 19)                         | L4 AR-1242-4    | 6.405  | 0.000 | 6366   | 0      | 13.536  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 7.284  | 6.064 | 153737 | 130805 | 287.777 | 139.788 # |
| 22)                         | L5 AR-1248-2    | 6.534  | 0.000 | 23079  | 0      | 32.802  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 6.702  | 0.000 | 27270  | 0      | 33.506  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 7.181  | 5.624 | 51736  | 55076  | 54.837  | 44.192    |
| 25)                         | L5 AR-1248-5    | 7.284  | 6.064 | 153737 | 130805 | 170.591 | 105.703 # |
| 26)                         | L6 AR-1254-1    | 7.157  | 6.064 | 57513  | 130805 | 46.565  | 51.013    |
| 27)                         | L6 AR-1254-2    | 7.390  | 6.222 | 179379 | 43334  | 91.208  | 19.001 #  |
| 28)                         | L6 AR-1254-3    | 7.761  | 6.661 | 90003  | 195879 | 43.373  | 53.649    |
| 29)                         | L6 AR-1254-4    | 8.049  | 6.881 | 79399  | 25392  | 48.747  | 10.533 #  |
| 30)                         | L6 AR-1254-5    | 8.508  | 7.308 | 47883  | 234740 | 27.908  | 70.330 #  |
| 31)                         | L7 AR-1260-1    | 7.925  | 6.777 | 94179  | 196059 | 69.688  | 93.520 #  |
| 32)                         | L7 AR-1260-2    | 8.188  | 6.975 | 241775 | 132143 | 143.217 | 51.463 #  |
| 33)                         | L7 AR-1260-3    | 8.552  | 7.129 | 102939 | 143487 | 78.973  | 59.670    |
| 34)                         | L7 AR-1260-4    | 8.811  | 7.611 | 209444 | 120828 | 136.286 | 57.491 #  |
| 35)                         | L7 AR-1260-5    | 9.103  | 7.859 | 243088 | 278262 | 77.058  | 54.965 #  |
| 36)                         | L8 AR-1262-1    | 8.552  | 7.308 | 102939 | 234740 | 61.403  | 169.399 # |
| 37)                         | L8 AR-1262-2    | 9.103  | 7.859 | 243088 | 278262 | 84.715  | 60.861 #  |
| 38)                         | L8 AR-1262-3    | 9.432  | 8.145 | 99404  | 99048  | 47.771  | 50.394    |
| 39)                         | L8 AR-1262-4    | 9.504  | 8.207 | 135082 | 262484 | 85.368  | 76.571    |
| 40)                         | L8 AR-1262-5    | 10.159 | 8.700 | 52330  | 175425 | 44.382  | 103.201 # |
| 41)                         | L9 AR-1268-1    | 9.432  | 8.145 | 99404  | 99048  | 26.901  | 18.408 #  |
| 42)                         | L9 AR-1268-2    | 9.504  | 8.207 | 135082 | 262484 | 38.974  | 53.161 #  |
| 43)                         | L9 AR-1268-3    | 9.725  | 8.416 | 135043 | 89797  | 46.507  | 21.424 #  |
| 44)                         | L9 AR-1268-4    | 10.159 | 8.700 | 52330  | 175425 | 37.695  | 90.665 #  |
| 45)                         | L9 AR-1268-5    | 10.563 | 8.980 | 76783  | 47291  | 7.745   | 3.667 #   |
| -----                       |                 |        |       |        |        |         |           |

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

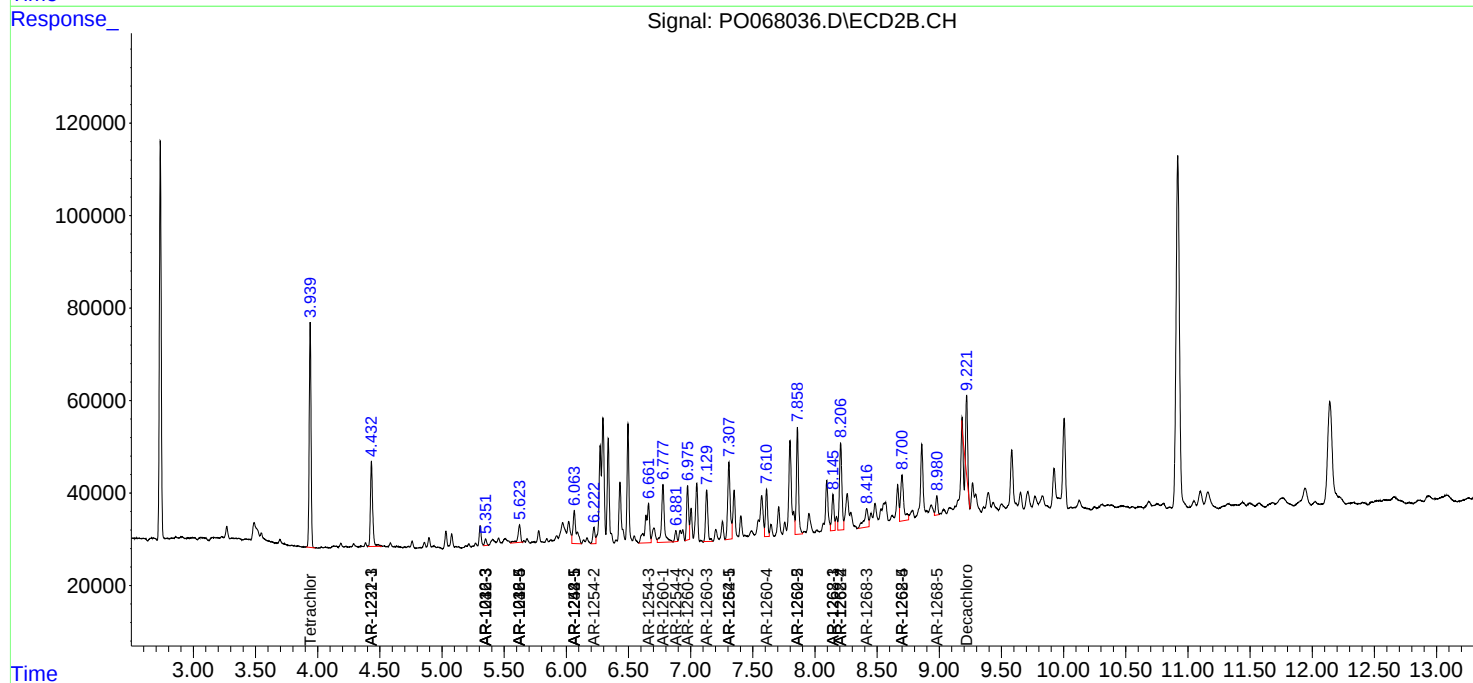
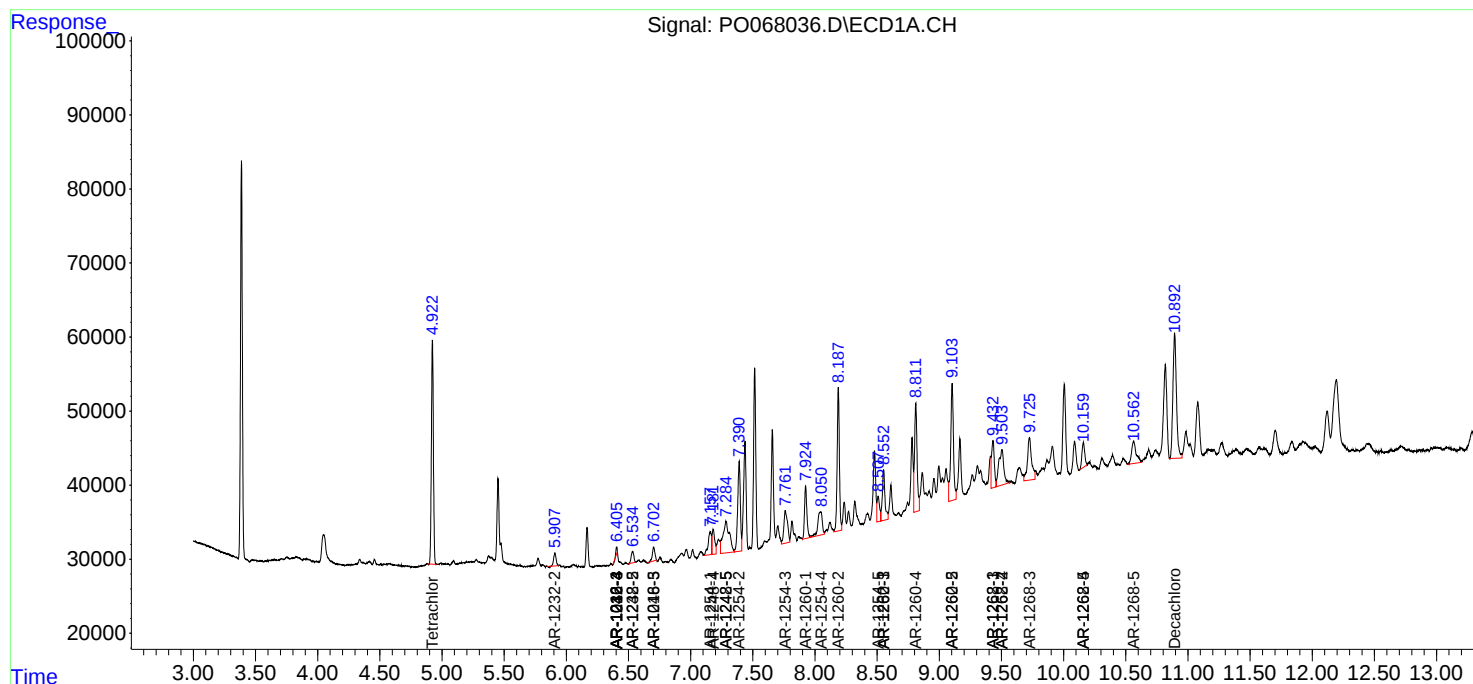
Instrument :  
ECD\_O  
ClientSampleId :

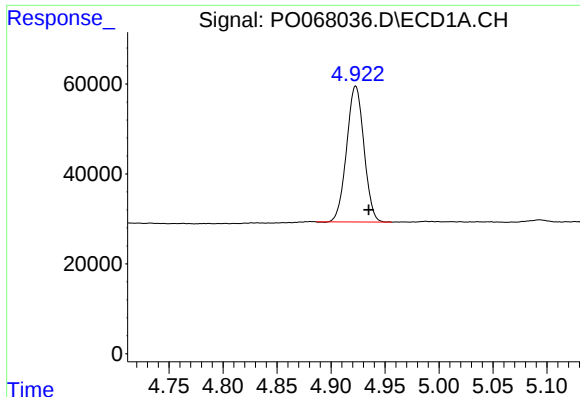
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO042420\  
Data File : PO068036.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 24 Apr 2020 12:05  
Operator : DD\AJ  
Sample : L2377-01RE  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 24 13:37:21 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO040120.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 03 16:04:09 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

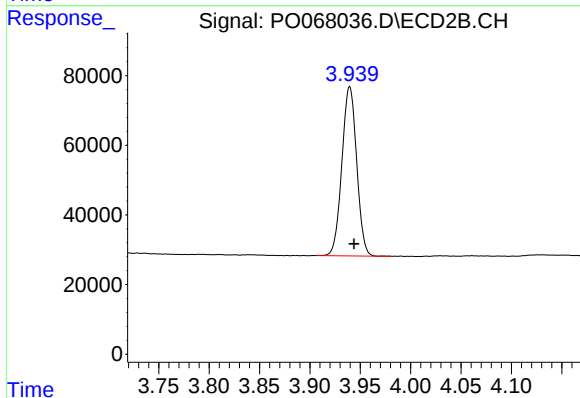




#1 Tetrachloro-m-xylene

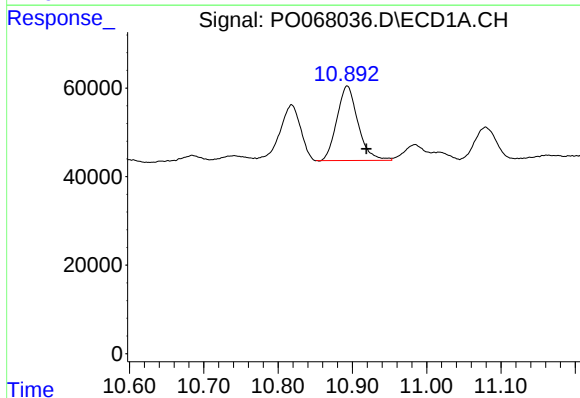
R.T.: 4.923 min  
Delta R.T.: -0.012 min  
Response: 337167  
Conc: 14.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



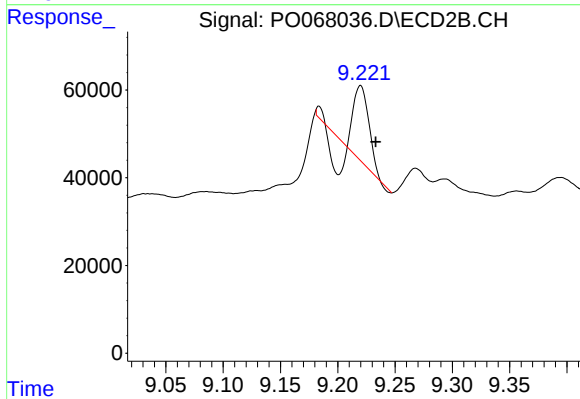
#1 Tetrachloro-m-xylene

R.T.: 3.940 min  
Delta R.T.: -0.004 min  
Response: 495888  
Conc: 14.80 ng/ml



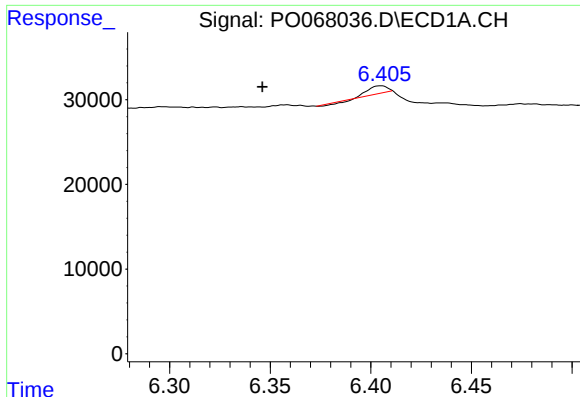
#2 Decachlorobiphenyl

R.T.: 10.893 min  
Delta R.T.: -0.026 min  
Response: 332176  
Conc: 9.76 ng/ml



#2 Decachlorobiphenyl

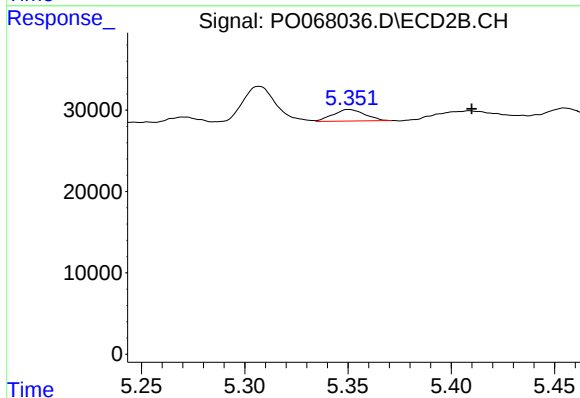
R.T.: 9.220 min  
Delta R.T.: -0.013 min  
Response: 117378  
Conc: 2.84 ng/ml



#5 AR-1016-3

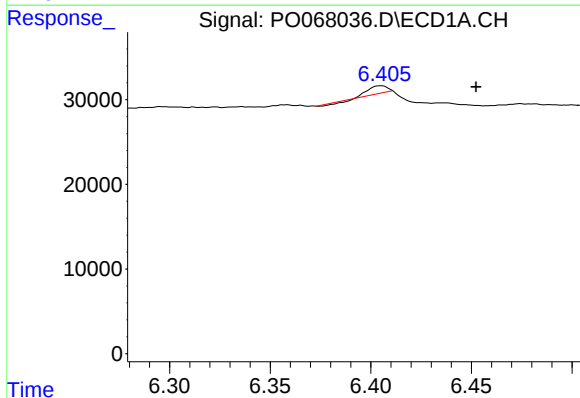
R.T.: 6.405 min  
Delta R.T.: 0.059 min  
Response: 6366  
Conc: 7.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



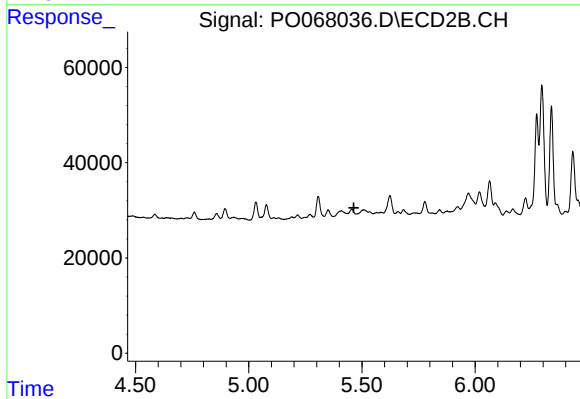
#5 AR-1016-3

R.T.: 5.351 min  
Delta R.T.: -0.059 min  
Response: 15520  
Conc: 14.84 ng/ml



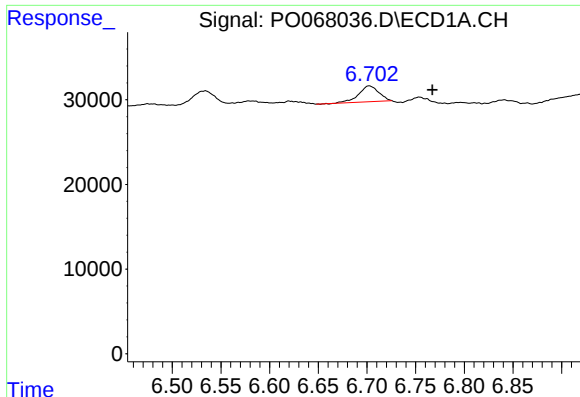
#6 AR-1016-4

R.T.: 6.405 min  
Delta R.T.: -0.047 min  
Response: 6366  
Conc: 9.03 ng/ml



#6 AR-1016-4

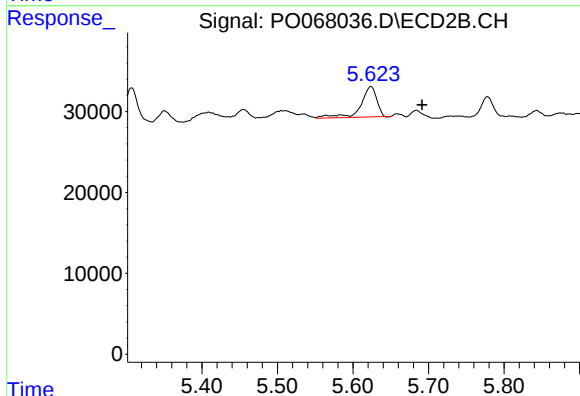
R.T.: 0.000 min  
Exp R.T. : 5.464 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

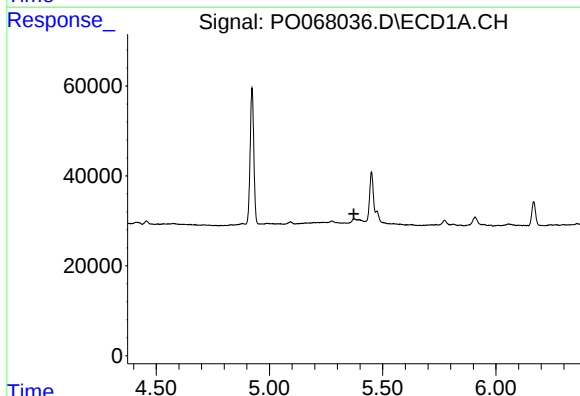
R.T.: 6.702 min  
Delta R.T.: -0.065 min  
Response: 27270  
Conc: 37.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



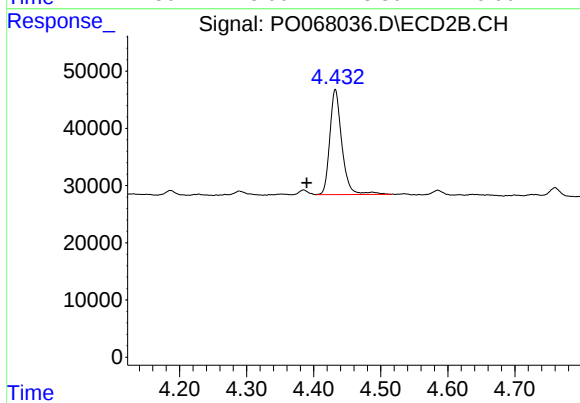
#7 AR-1016-5

R.T.: 5.624 min  
Delta R.T.: -0.068 min  
Response: 55076  
Conc: 48.67 ng/ml



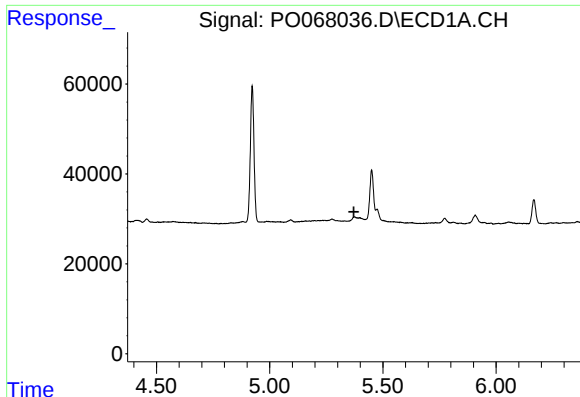
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 5.373 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

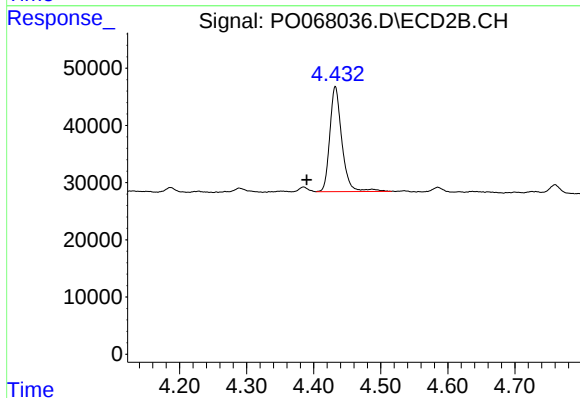
R.T.: 4.432 min  
Delta R.T.: 0.043 min  
Response: 229142  
Conc: 233.40 ng/ml



#11 AR-1232-1

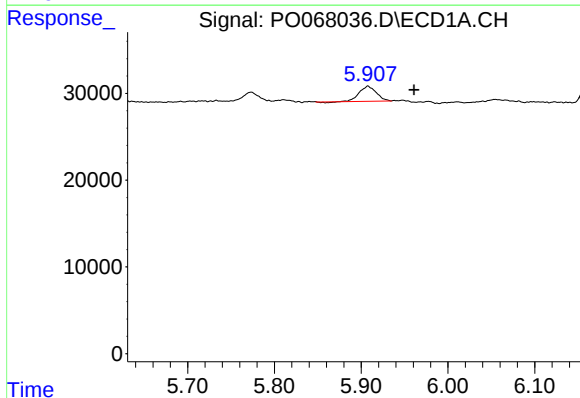
R.T.: 0.000 min  
Exp R.T.: 5.372 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



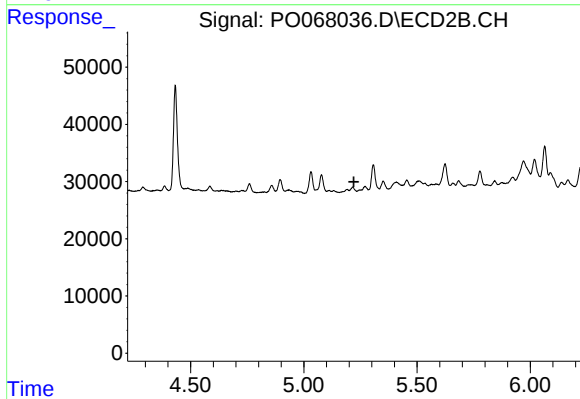
#11 AR-1232-1

R.T.: 4.432 min  
Delta R.T.: 0.043 min  
Response: 229142  
Conc: 331.10 ng/ml



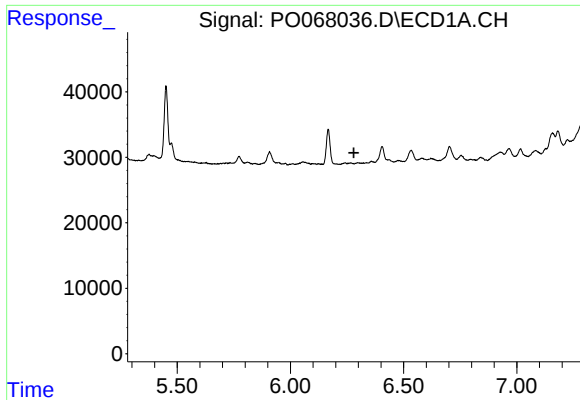
#12 AR-1232-2

R.T.: 5.908 min  
Delta R.T.: -0.053 min  
Response: 23344  
Conc: 87.01 ng/ml



#12 AR-1232-2

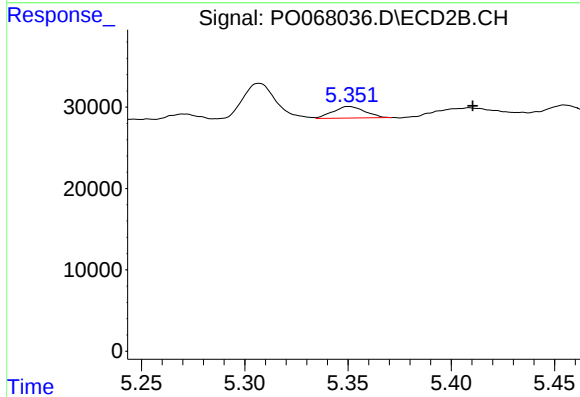
R.T.: 0.000 min  
Exp R.T.: 5.221 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

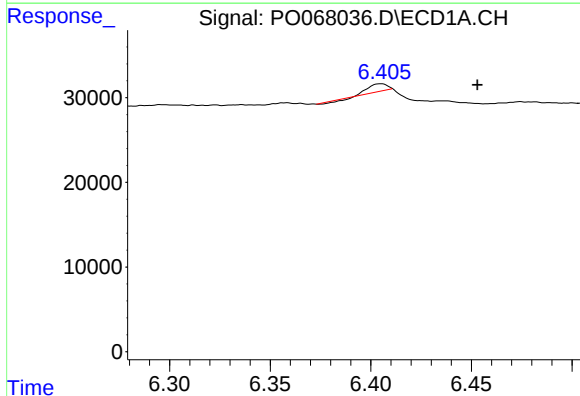
R.T.: 0.000 min  
Exp R.T.: 6.280 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



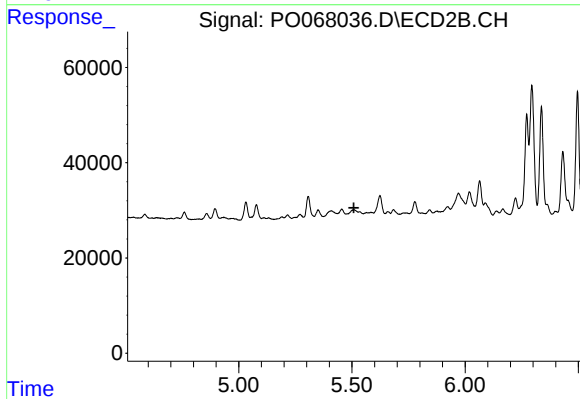
#13 AR-1232-3

R.T.: 5.351 min  
Delta R.T.: -0.060 min  
Response: 15520  
Conc: 40.26 ng/ml



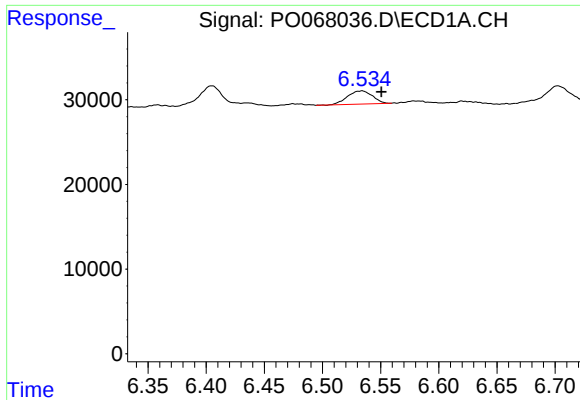
#14 AR-1232-4

R.T.: 6.405 min  
Delta R.T.: -0.048 min  
Response: 6366  
Conc: 24.76 ng/ml



#14 AR-1232-4

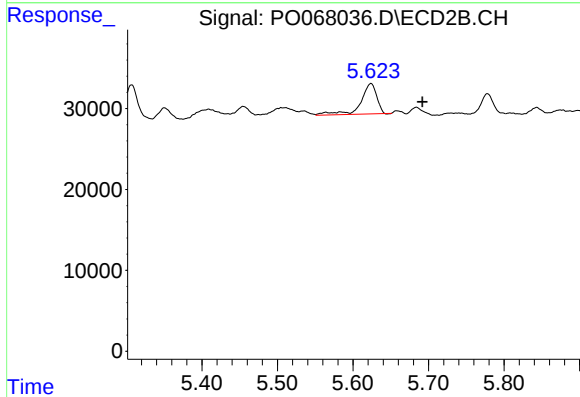
R.T.: 0.000 min  
Exp R.T.: 5.509 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

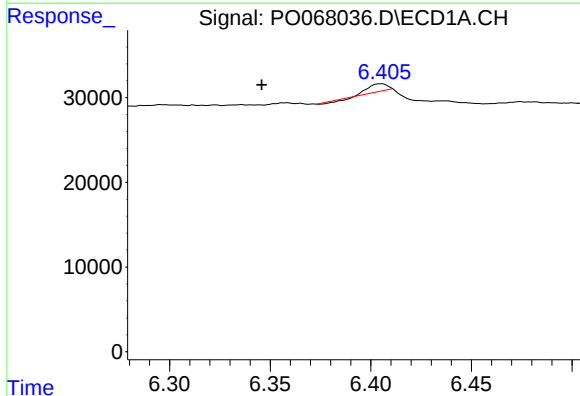
R.T.: 6.534 min  
Delta R.T.: -0.017 min  
Response: 23079  
Conc: 123.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



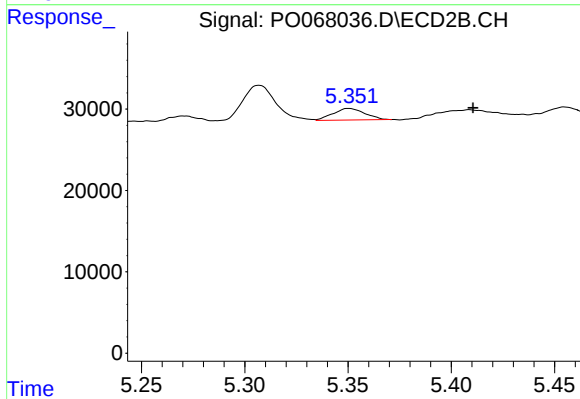
#15 AR-1232-5

R.T.: 5.624 min  
Delta R.T.: -0.068 min  
Response: 55076  
Conc: 144.13 ng/ml



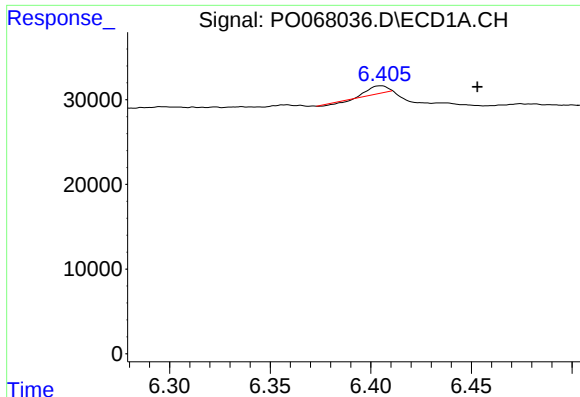
#18 AR-1242-3

R.T.: 6.405 min  
Delta R.T.: 0.059 min  
Response: 6366  
Conc: 10.86 ng/ml



#18 AR-1242-3

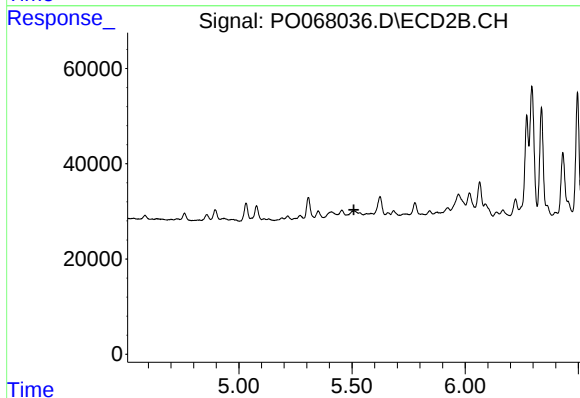
R.T.: 5.351 min  
Delta R.T.: -0.060 min  
Response: 15520  
Conc: 21.70 ng/ml



#19 AR-1242-4

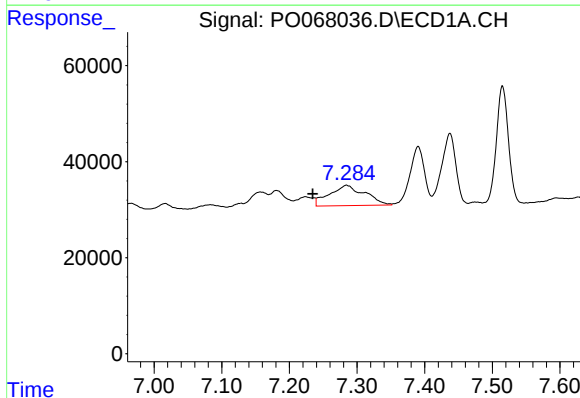
R.T.: 6.405 min  
Delta R.T.: -0.048 min  
Response: 6366  
Conc: 13.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



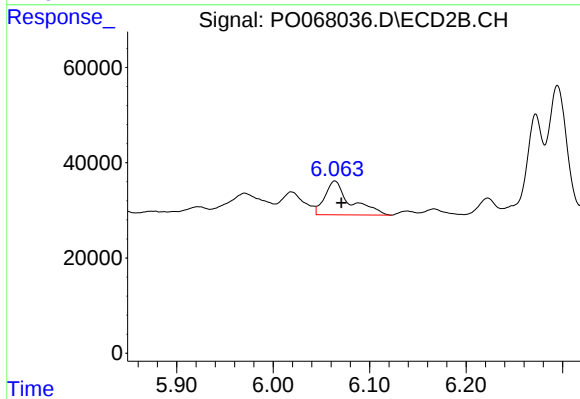
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.508 min  
Response: 0  
Conc: N.D.



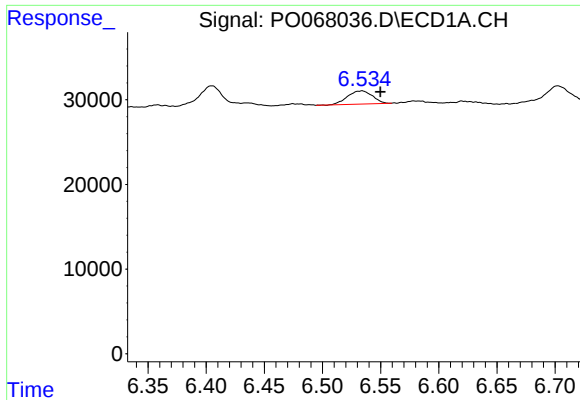
#20 AR-1242-5

R.T.: 7.284 min  
Delta R.T.: 0.050 min  
Response: 153737  
Conc: 287.78 ng/ml



#20 AR-1242-5

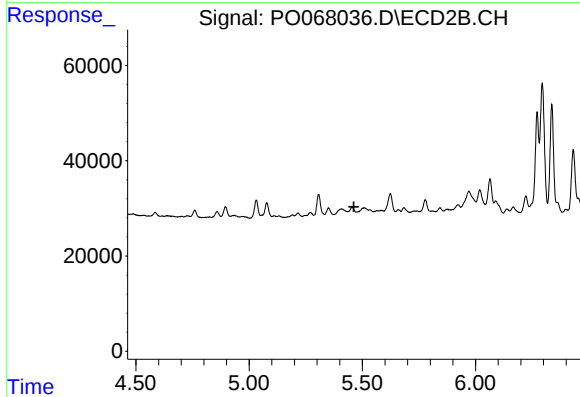
R.T.: 6.064 min  
Delta R.T.: -0.007 min  
Response: 130805  
Conc: 139.79 ng/ml



#22 AR-1248-2

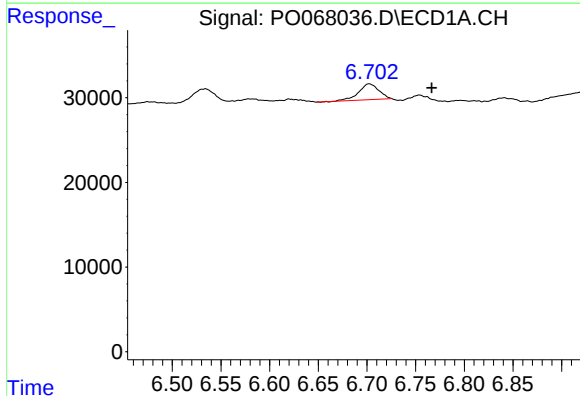
R.T.: 6.534 min  
Delta R.T.: -0.016 min  
Response: 23079  
Conc: 32.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



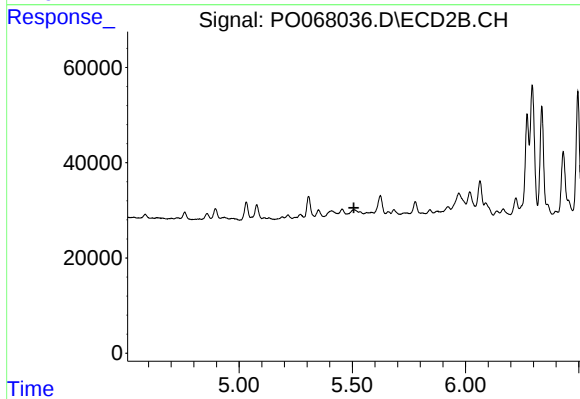
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.463 min  
Response: 0  
Conc: N.D.



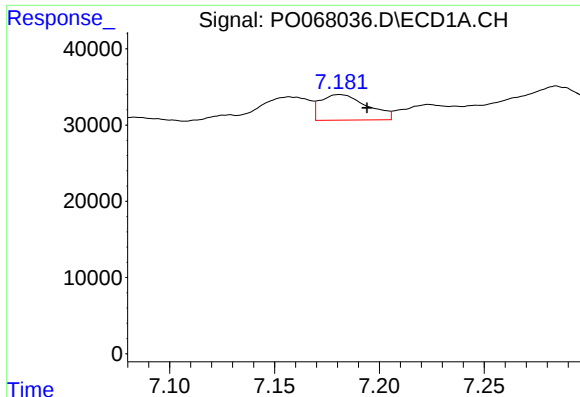
#23 AR-1248-3

R.T.: 6.702 min  
Delta R.T.: -0.064 min  
Response: 27270  
Conc: 33.51 ng/ml



#23 AR-1248-3

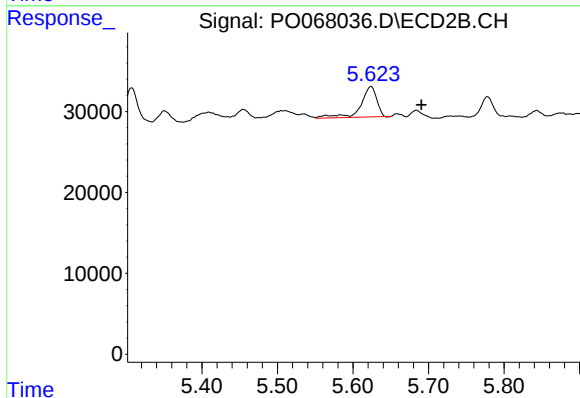
R.T.: 0.000 min  
Exp R.T. : 5.507 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

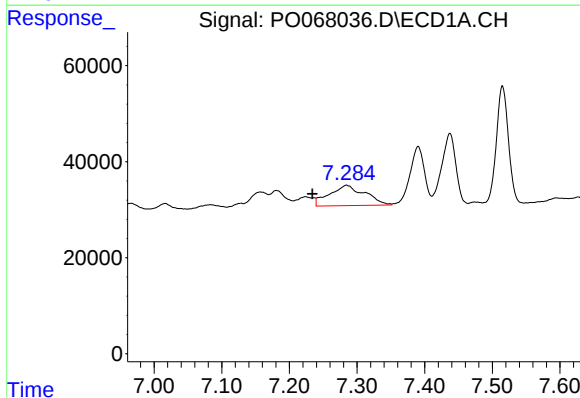
R.T.: 7.181 min  
Delta R.T.: -0.013 min  
Response: 51736  
Conc: 54.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



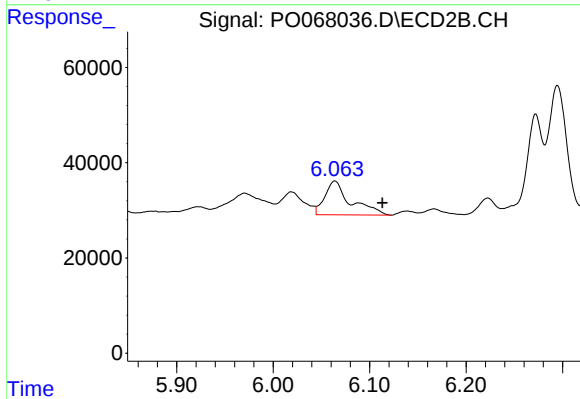
#24 AR-1248-4

R.T.: 5.624 min  
Delta R.T.: -0.067 min  
Response: 55076  
Conc: 44.19 ng/ml



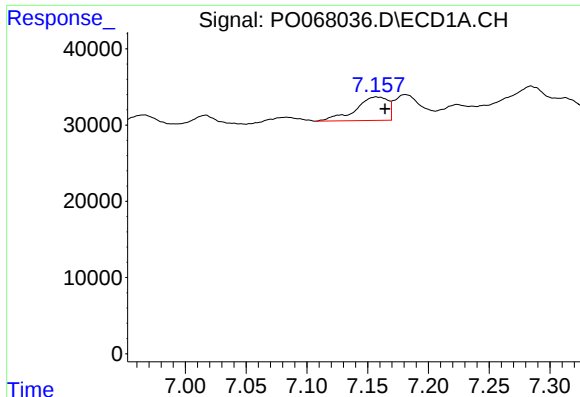
#25 AR-1248-5

R.T.: 7.284 min  
Delta R.T.: 0.050 min  
Response: 153737  
Conc: 170.59 ng/ml



#25 AR-1248-5

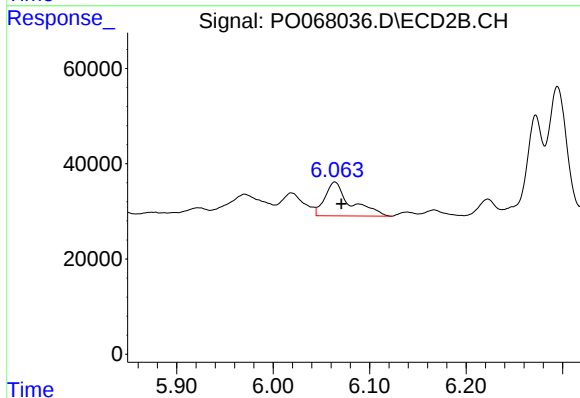
R.T.: 6.064 min  
Delta R.T.: -0.049 min  
Response: 130805  
Conc: 105.70 ng/ml



#26 AR-1254-1

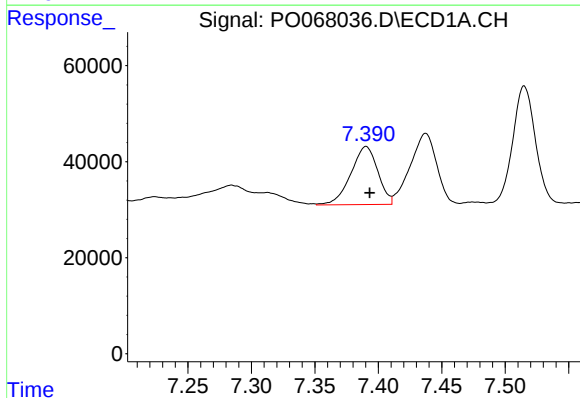
R.T.: 7.157 min  
Delta R.T.: -0.007 min  
Response: 57513  
Conc: 46.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



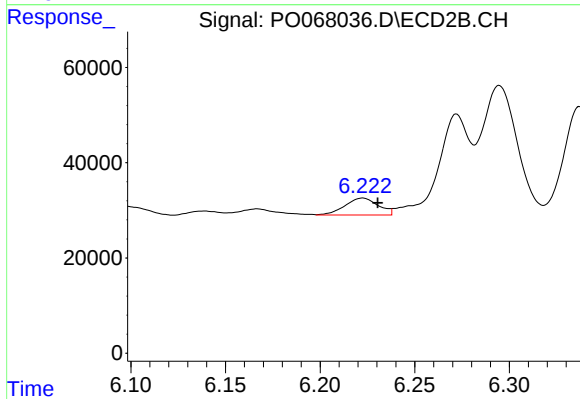
#26 AR-1254-1

R.T.: 6.064 min  
Delta R.T.: -0.007 min  
Response: 130805  
Conc: 51.01 ng/ml



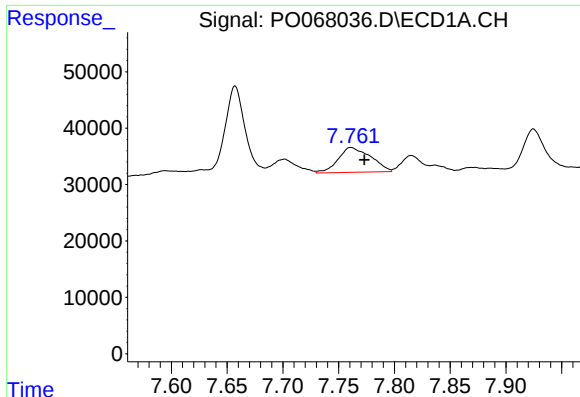
#27 AR-1254-2

R.T.: 7.390 min  
Delta R.T.: -0.003 min  
Response: 179379  
Conc: 91.21 ng/ml



#27 AR-1254-2

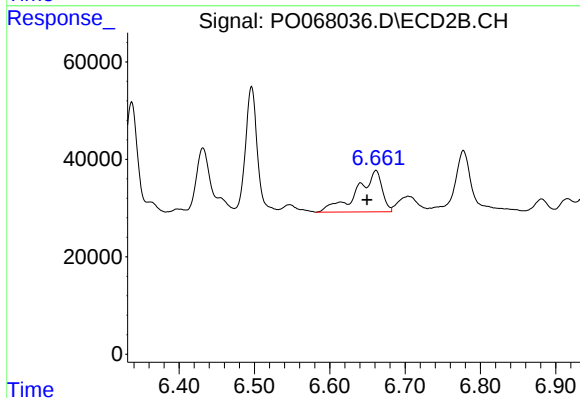
R.T.: 6.222 min  
Delta R.T.: -0.008 min  
Response: 43334  
Conc: 19.00 ng/ml



#28 AR-1254-3

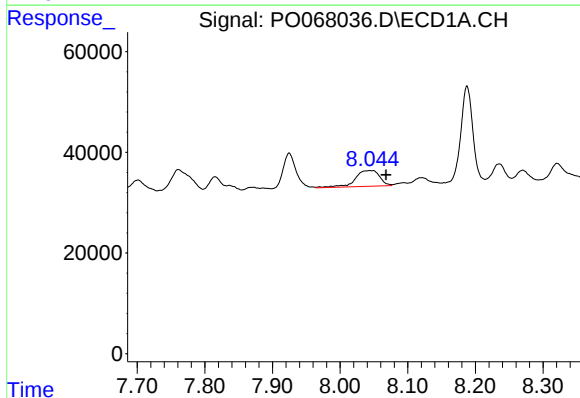
R.T.: 7.761 min  
Delta R.T.: -0.012 min  
Response: 90003  
Conc: 43.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



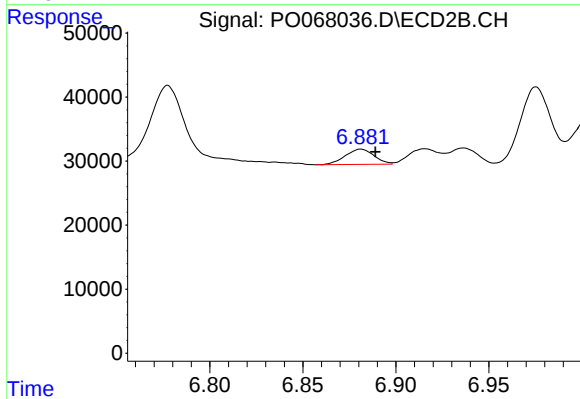
#28 AR-1254-3

R.T.: 6.661 min  
Delta R.T.: 0.012 min  
Response: 195879  
Conc: 53.65 ng/ml



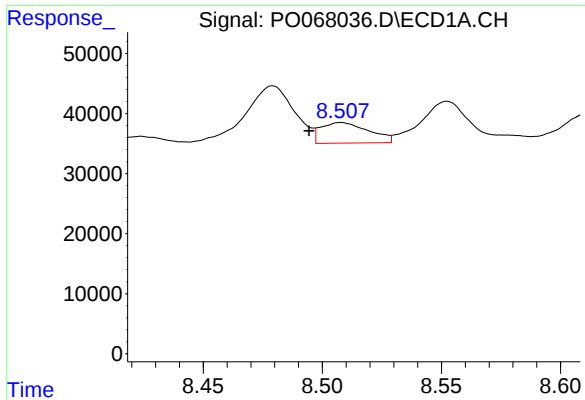
#29 AR-1254-4

R.T.: 8.049 min  
Delta R.T.: -0.019 min  
Response: 79399  
Conc: 48.75 ng/ml



#29 AR-1254-4

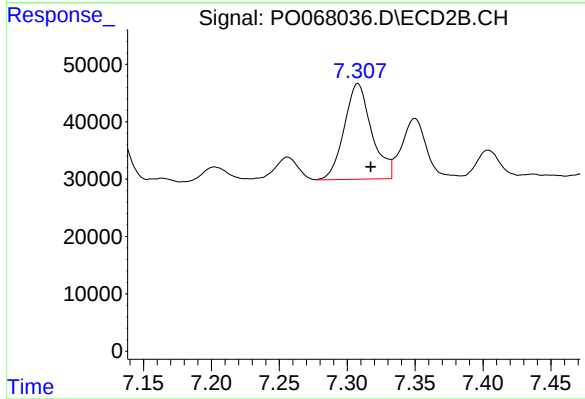
R.T.: 6.881 min  
Delta R.T.: -0.008 min  
Response: 25392  
Conc: 10.53 ng/ml



#30 AR-1254-5

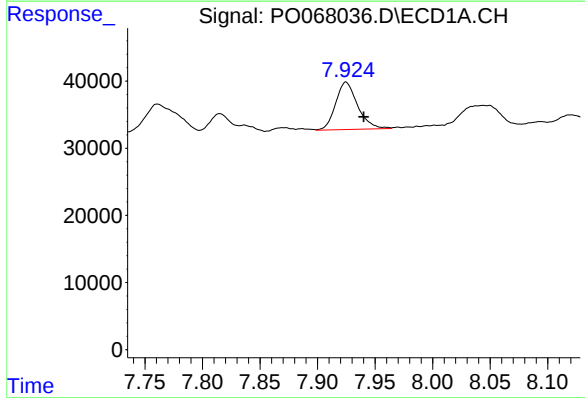
R.T.: 8.508 min  
Delta R.T.: 0.013 min  
Response: 47883  
Conc: 27.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



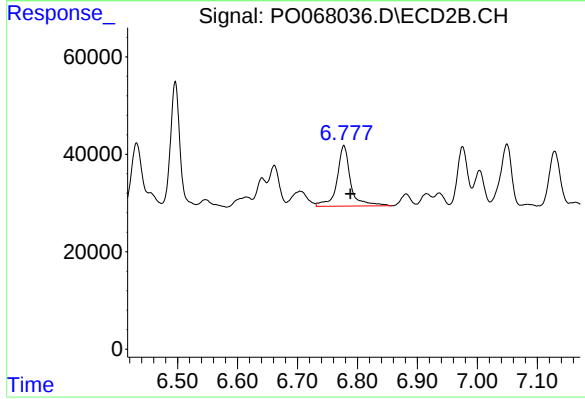
#30 AR-1254-5

R.T.: 7.308 min  
Delta R.T.: -0.009 min  
Response: 234740  
Conc: 70.33 ng/ml



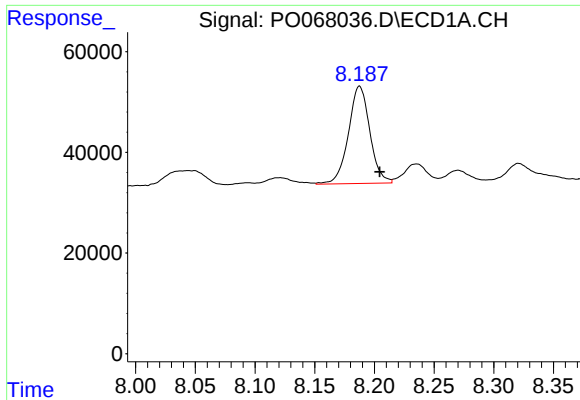
#31 AR-1260-1

R.T.: 7.925 min  
Delta R.T.: -0.015 min  
Response: 94179  
Conc: 69.69 ng/ml



#31 AR-1260-1

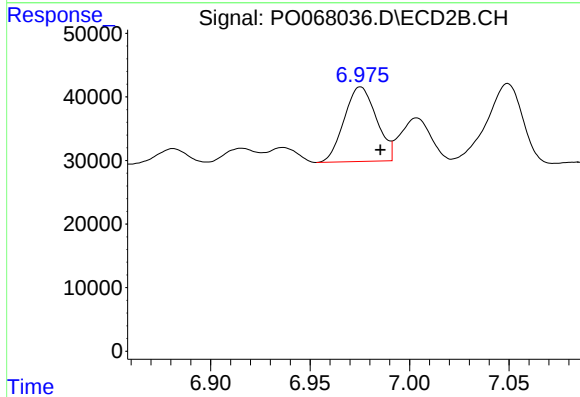
R.T.: 6.777 min  
Delta R.T.: -0.011 min  
Response: 196059  
Conc: 93.52 ng/ml



#32 AR-1260-2

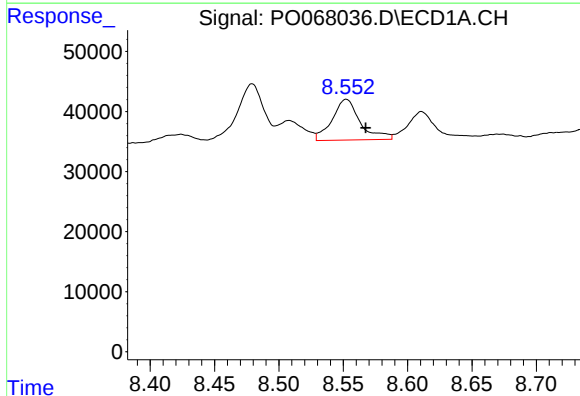
R.T.: 8.188 min  
Delta R.T.: -0.017 min  
Response: 241775  
Conc: 143.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



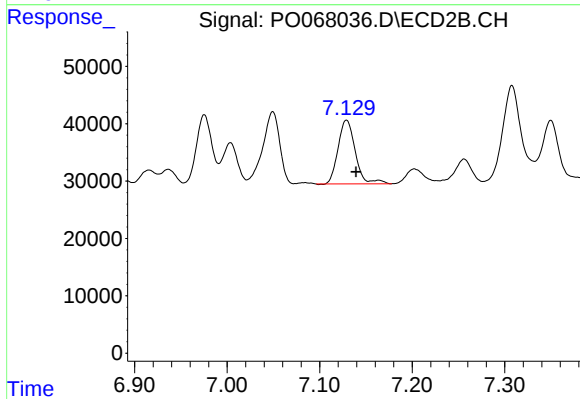
#32 AR-1260-2

R.T.: 6.975 min  
Delta R.T.: -0.010 min  
Response: 132143  
Conc: 51.46 ng/ml



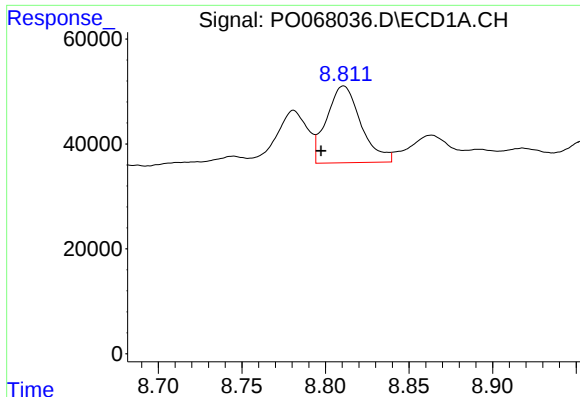
#33 AR-1260-3

R.T.: 8.552 min  
Delta R.T.: -0.015 min  
Response: 102939  
Conc: 78.97 ng/ml



#33 AR-1260-3

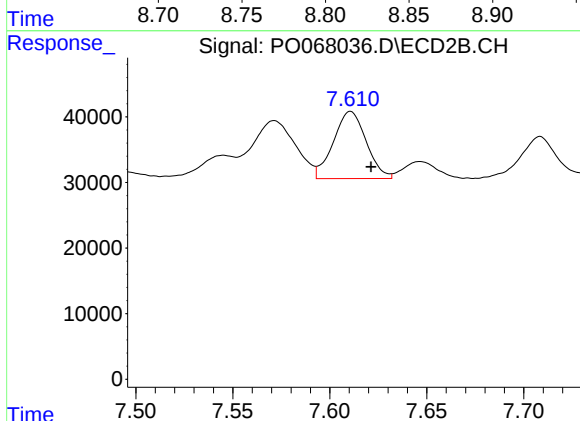
R.T.: 7.129 min  
Delta R.T.: -0.010 min  
Response: 143487  
Conc: 59.67 ng/ml



#34 AR-1260-4

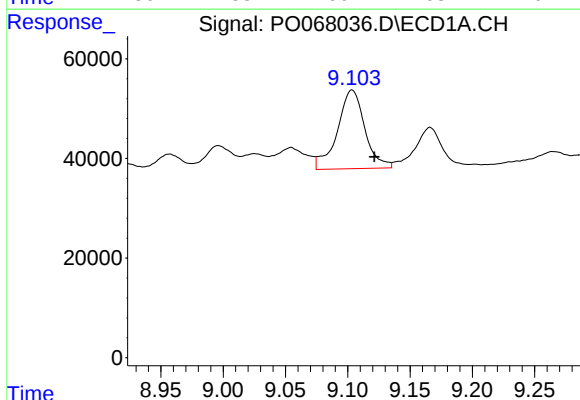
R.T.: 8.811 min  
Delta R.T.: 0.014 min  
Response: 209444  
Conc: 136.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



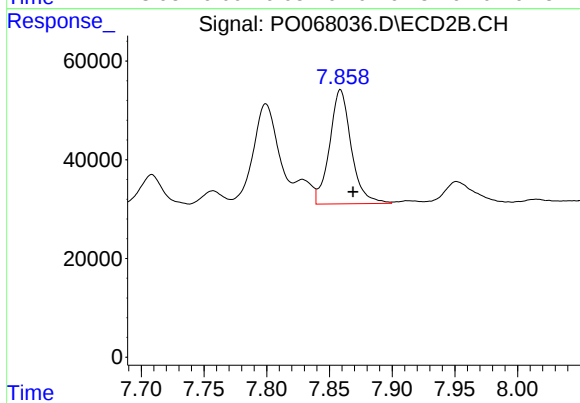
#34 AR-1260-4

R.T.: 7.611 min  
Delta R.T.: -0.011 min  
Response: 120828  
Conc: 57.49 ng/ml



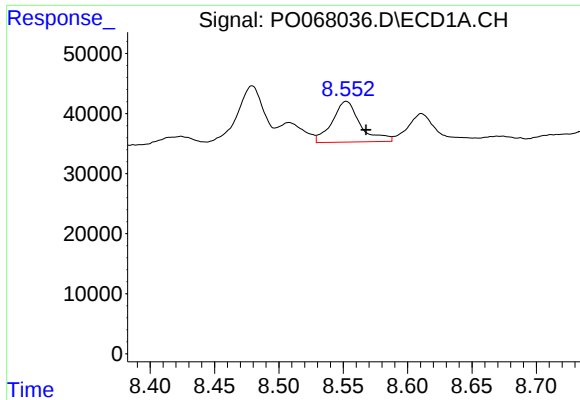
#35 AR-1260-5

R.T.: 9.103 min  
Delta R.T.: -0.018 min  
Response: 243088  
Conc: 77.06 ng/ml



#35 AR-1260-5

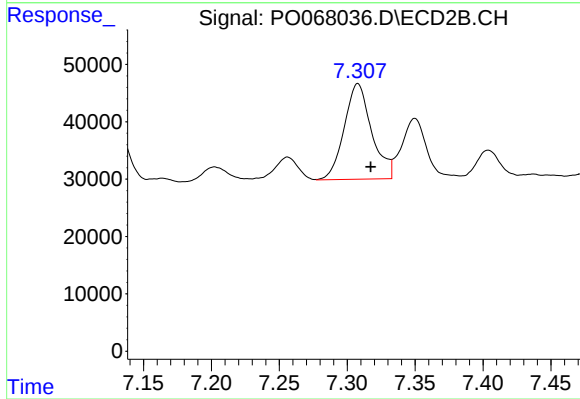
R.T.: 7.859 min  
Delta R.T.: -0.010 min  
Response: 278262  
Conc: 54.97 ng/ml



#36 AR-1262-1

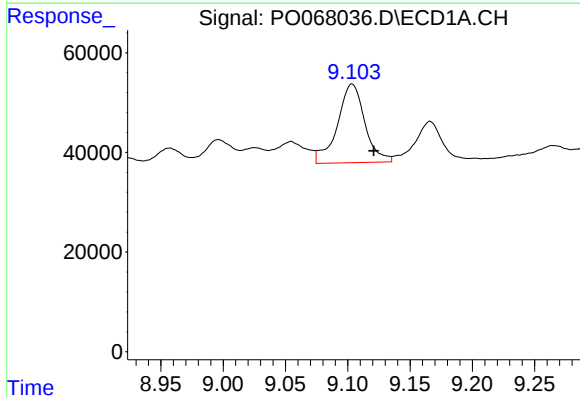
R.T.: 8.552 min  
Delta R.T.: -0.015 min  
Response: 102939  
Conc: 61.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



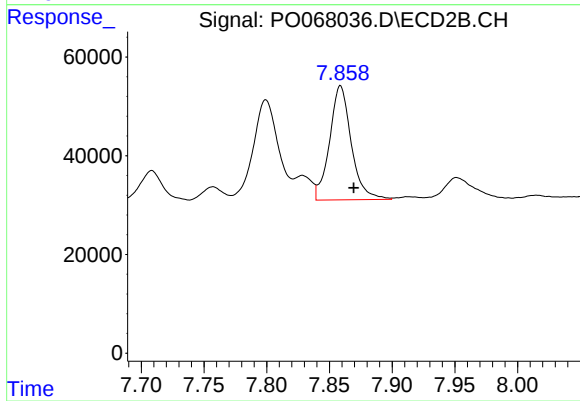
#36 AR-1262-1

R.T.: 7.308 min  
Delta R.T.: -0.010 min  
Response: 234740  
Conc: 169.40 ng/ml



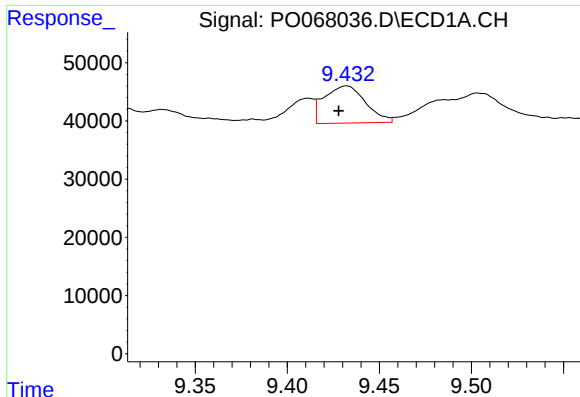
#37 AR-1262-2

R.T.: 9.103 min  
Delta R.T.: -0.018 min  
Response: 243088  
Conc: 84.72 ng/ml



#37 AR-1262-2

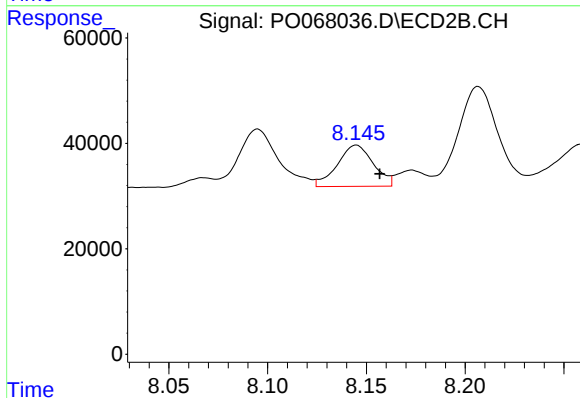
R.T.: 7.859 min  
Delta R.T.: -0.011 min  
Response: 278262  
Conc: 60.86 ng/ml



#38 AR-1262-3

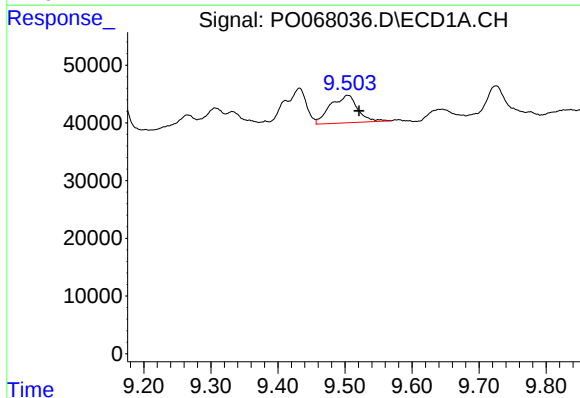
R.T.: 9.432 min  
Delta R.T.: 0.004 min  
Response: 99404  
Conc: 47.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



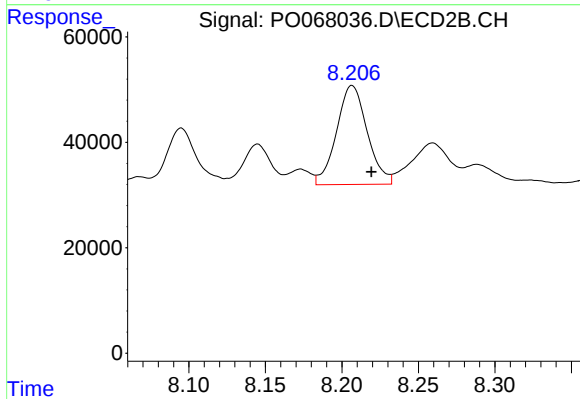
#38 AR-1262-3

R.T.: 8.145 min  
Delta R.T.: -0.012 min  
Response: 99048  
Conc: 50.39 ng/ml



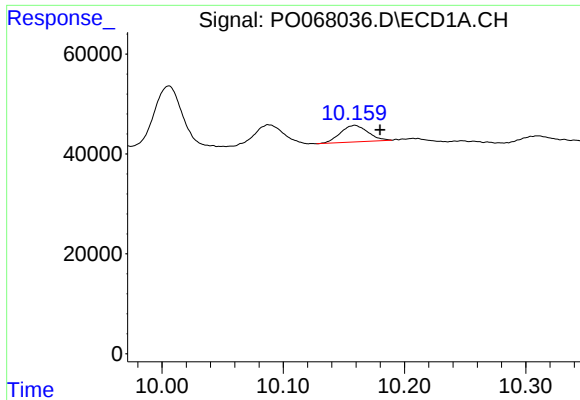
#39 AR-1262-4

R.T.: 9.504 min  
Delta R.T.: -0.017 min  
Response: 135082  
Conc: 85.37 ng/ml



#39 AR-1262-4

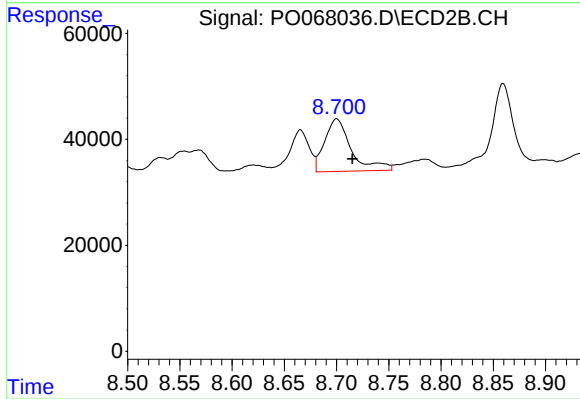
R.T.: 8.207 min  
Delta R.T.: -0.012 min  
Response: 262484  
Conc: 76.57 ng/ml



#40 AR-1262-5

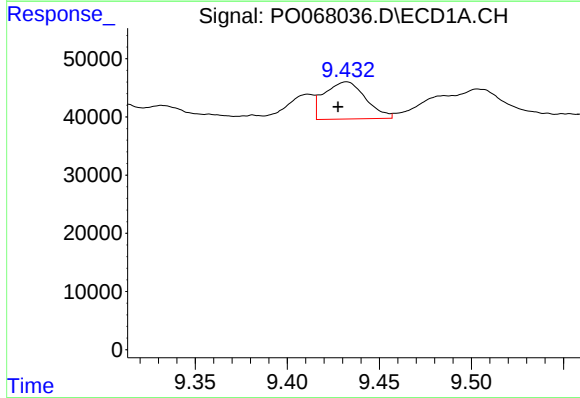
R.T.: 10.159 min  
Delta R.T.: -0.021 min  
Response: 52330  
Conc: 44.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



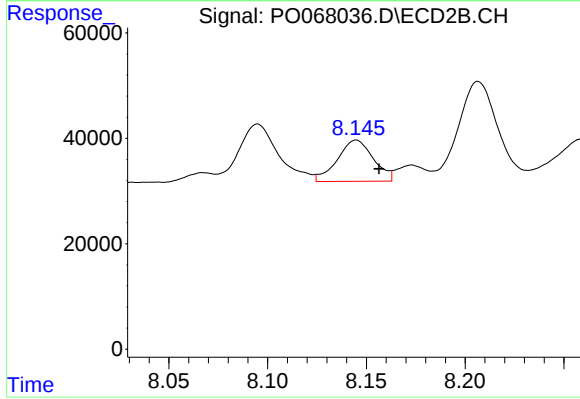
#40 AR-1262-5

R.T.: 8.700 min  
Delta R.T.: -0.015 min  
Response: 175425  
Conc: 103.20 ng/ml



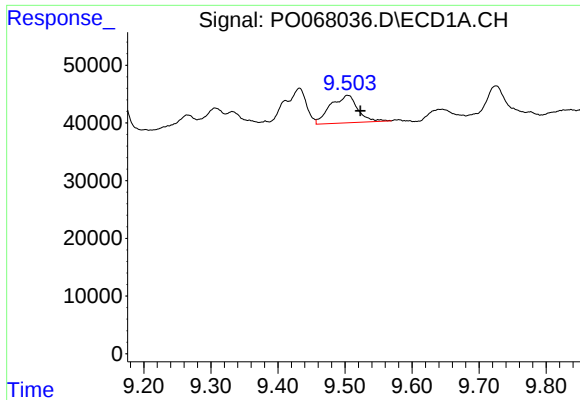
#41 AR-1268-1

R.T.: 9.432 min  
Delta R.T.: 0.004 min  
Response: 99404  
Conc: 26.90 ng/ml



#41 AR-1268-1

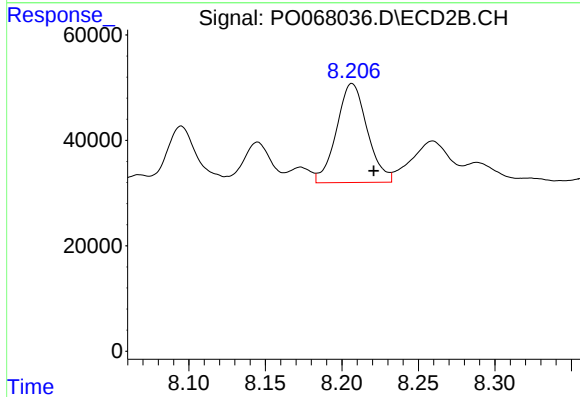
R.T.: 8.145 min  
Delta R.T.: -0.011 min  
Response: 99048  
Conc: 18.41 ng/ml



#42 AR-1268-2

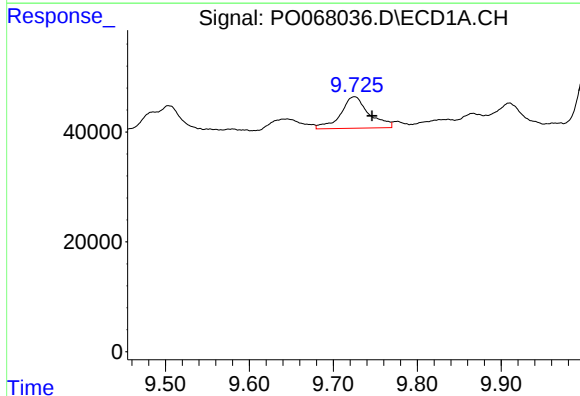
R.T.: 9.504 min  
Delta R.T.: -0.019 min  
Response: 135082  
Conc: 38.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



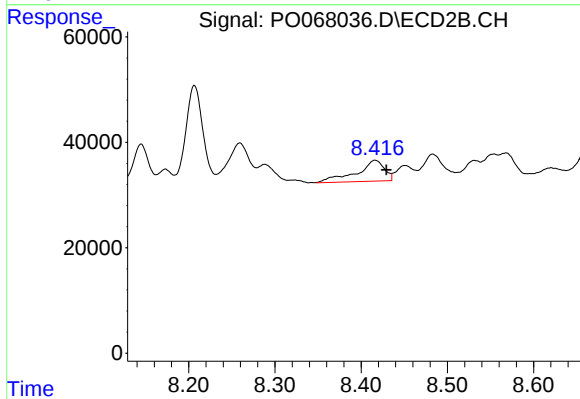
#42 AR-1268-2

R.T.: 8.207 min  
Delta R.T.: -0.014 min  
Response: 262484  
Conc: 53.16 ng/ml



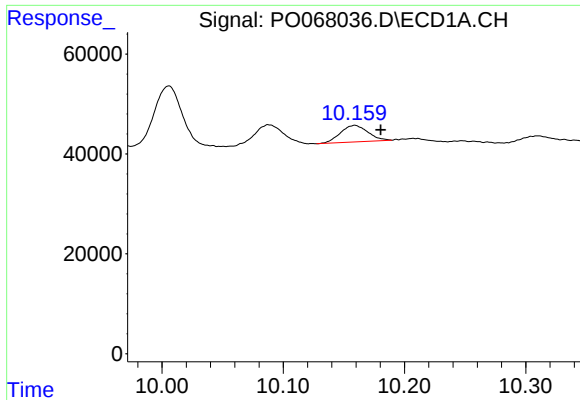
#43 AR-1268-3

R.T.: 9.725 min  
Delta R.T.: -0.021 min  
Response: 135043  
Conc: 46.51 ng/ml



#43 AR-1268-3

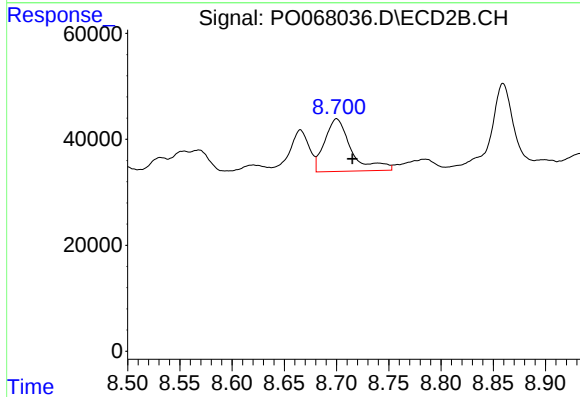
R.T.: 8.416 min  
Delta R.T.: -0.013 min  
Response: 89797  
Conc: 21.42 ng/ml



#44 AR-1268-4

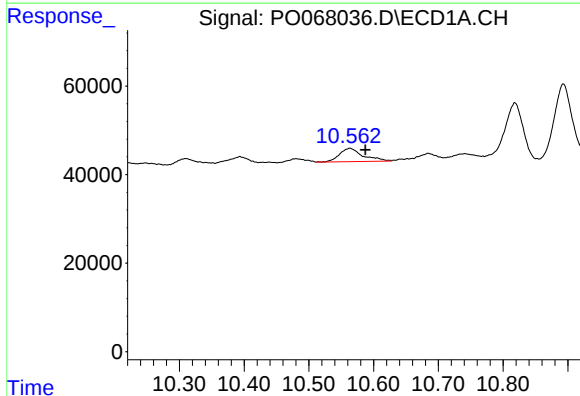
R.T.: 10.159 min  
Delta R.T.: -0.021 min  
Response: 52330  
Conc: 37.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



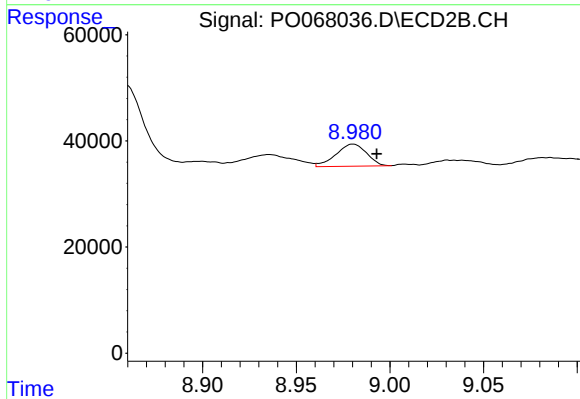
#44 AR-1268-4

R.T.: 8.700 min  
Delta R.T.: -0.015 min  
Response: 175425  
Conc: 90.66 ng/ml



#45 AR-1268-5

R.T.: 10.563 min  
Delta R.T.: -0.024 min  
Response: 76783  
Conc: 7.74 ng/ml



#45 AR-1268-5

R.T.: 8.980 min  
Delta R.T.: -0.013 min  
Response: 47291  
Conc: 3.67 ng/ml