

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0071919\  
 Data File : P0058129.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 19 Jul 2019 1:24  
 Operator : SM/AJ  
 Sample : K3894-05  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 K580-B12

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 19 05:58:31 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0071719.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 17 11:13:08 2019  
 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... | 4.196 | 3.540 | 954908 | 818226 | 28.179  | 25.511    |
| 2)                          | SA Decachlor... | 9.708 | 8.442 | 778265 | 550161 | 15.213  | 16.051    |
| Target Compounds            |                 |       |       |        |        |         |           |
| 5)                          | L1 AR-1016-3    | 5.503 | 4.832 | 15443  | 32903  | 10.912  | 35.049 #  |
| 6)                          | L1 AR-1016-4    | 5.503 | 4.832 | 15443  | 32903  | 13.560  | 42.265 #  |
| 7)                          | L1 AR-1016-5    | 5.821 | 0.000 | 20697  | 0      | 18.043  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 5.031 | 0.000 | 34163  | 0      | 73.868  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.832 | 0      | 32903  | N.D.    | 79.948 #  |
| 14)                         | L3 AR-1232-4    | 5.503 | 4.832 | 15443  | 32903  | 30.970  | 89.651 #  |
| 15)                         | L3 AR-1232-5    | 5.620 | 0.000 | 43578  | 0      | 115.571 | N.D. #    |
| 18)                         | L4 AR-1242-3    | 5.503 | 4.832 | 15443  | 32903  | 13.300  | 42.914 #  |
| 19)                         | L4 AR-1242-4    | 5.503 | 4.832 | 15443  | 32903  | 16.380  | 43.350 #  |
| 20)                         | L4 AR-1242-5    | 6.262 | 5.387 | 23789  | 100622 | 20.543  | 105.600 # |
| 22)                         | L5 AR-1248-2    | 5.620 | 4.832 | 43578  | 32903  | 32.341  | 32.289    |
| 23)                         | L5 AR-1248-3    | 5.821 | 4.832 | 20697  | 32903  | 13.351  | 31.301 #  |
| 24)                         | L5 AR-1248-4    | 6.221 | 0.000 | 41874  | 0      | 21.388  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.262 | 5.387 | 23789  | 100622 | 12.482  | 79.594 #  |
| 26)                         | L6 AR-1254-1    | 6.193 | 5.387 | 109623 | 100622 | 55.782  | 49.386    |
| 27)                         | L6 AR-1254-2    | 6.409 | 5.533 | 256438 | 123446 | 78.444  | 68.122    |
| 28)                         | L6 AR-1254-3    | 6.773 | 5.931 | 285283 | 254632 | 80.867  | 86.952    |
| 29)                         | L6 AR-1254-4    | 7.056 | 6.157 | 204839 | 138932 | 69.230  | 75.194    |
| 30)                         | L6 AR-1254-5    | 7.471 | 6.568 | 282511 | 249503 | 96.248  | 91.780    |
| 31)                         | L7 AR-1260-1    | 6.932 | 6.057 | 139232 | 112675 | 55.668  | 55.637    |
| 32)                         | L7 AR-1260-2    | 7.188 | 6.245 | 225382 | 129683 | 64.104  | 50.428    |
| 33)                         | L7 AR-1260-3    | 7.540 | 6.394 | 56424  | 110443 | 19.217  | 48.425 #  |
| 34)                         | L7 AR-1260-4    | 7.760 | 6.859 | 133053 | 26746  | 48.706  | 13.814 #  |
| 35)                         | L7 AR-1260-5    | 8.073 | 7.101 | 56375  | 79898  | 9.717   | 17.360 #  |
| 36)                         | L8 AR-1262-1    | 7.540 | 6.595 | 56424  | 46921  | 10.213  | 11.813    |
| 37)                         | L8 AR-1262-2    | 8.073 | 7.101 | 56375  | 79898  | 6.629   | 12.370 #  |
| 38)                         | L8 AR-1262-3    | 8.377 | 7.379 | 45179  | 16167  | 8.026   | 5.865 #   |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.444 | 0      | 49700  | N.D.    | 10.409 #  |
| 40)                         | L8 AR-1262-5    | 0.000 | 7.938 | 0      | 40331  | N.D.    | 20.278 #  |
| 41)                         | L9 AR-1268-1    | 8.377 | 7.379 | 45179  | 16167  | 4.394   | 2.071 #   |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.444 | 0      | 49700  | N.D.    | 6.975 #   |
| 43)                         | L9 AR-1268-3    | 0.000 | 7.646 | 0      | 17432  | N.D.    | 2.894 #   |
| 44)                         | L9 AR-1268-4    | 0.000 | 7.938 | 0      | 40331  | N.D.    | 19.280 #  |
| 45)                         | L9 AR-1268-5    | 0.000 | 8.210 | 0      | 25503  | N.D.    | 1.529 #   |
| -----                       |                 |       |       |        |        |         |           |

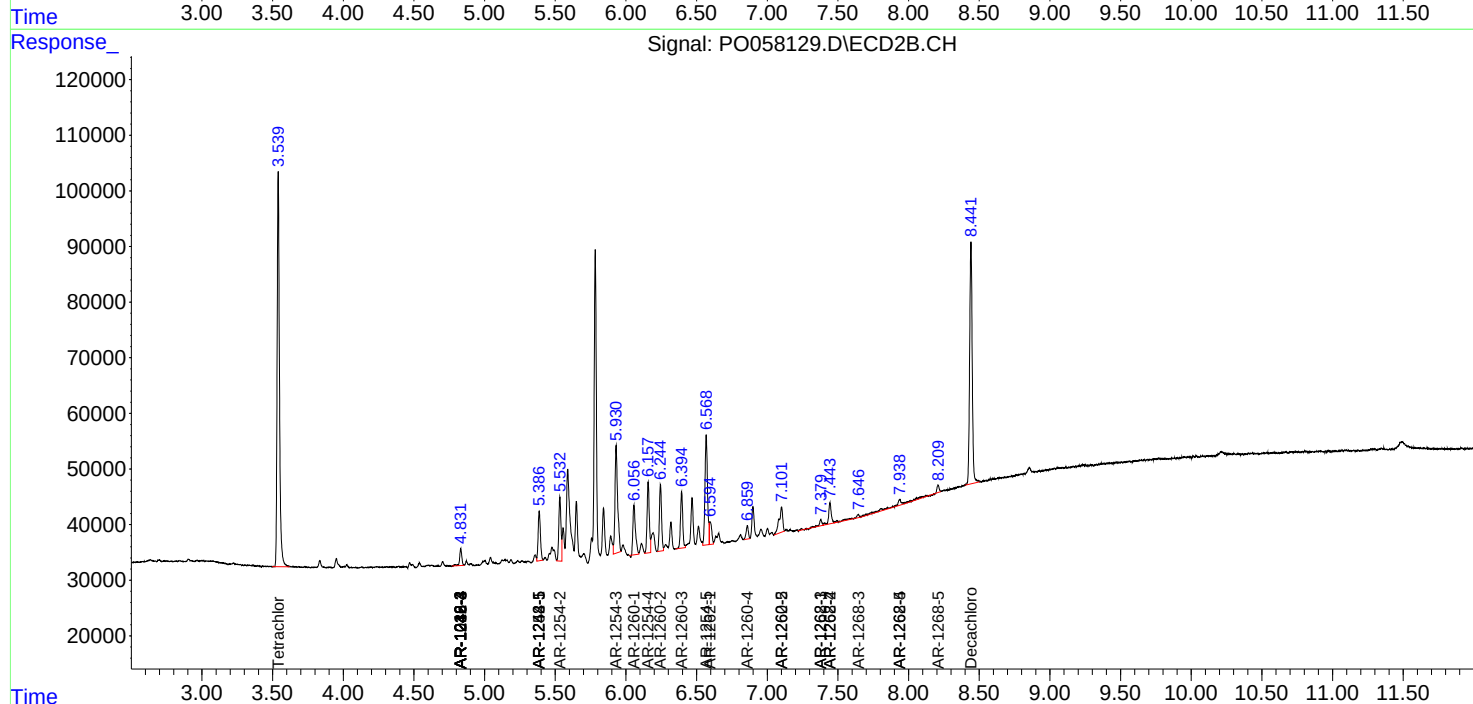
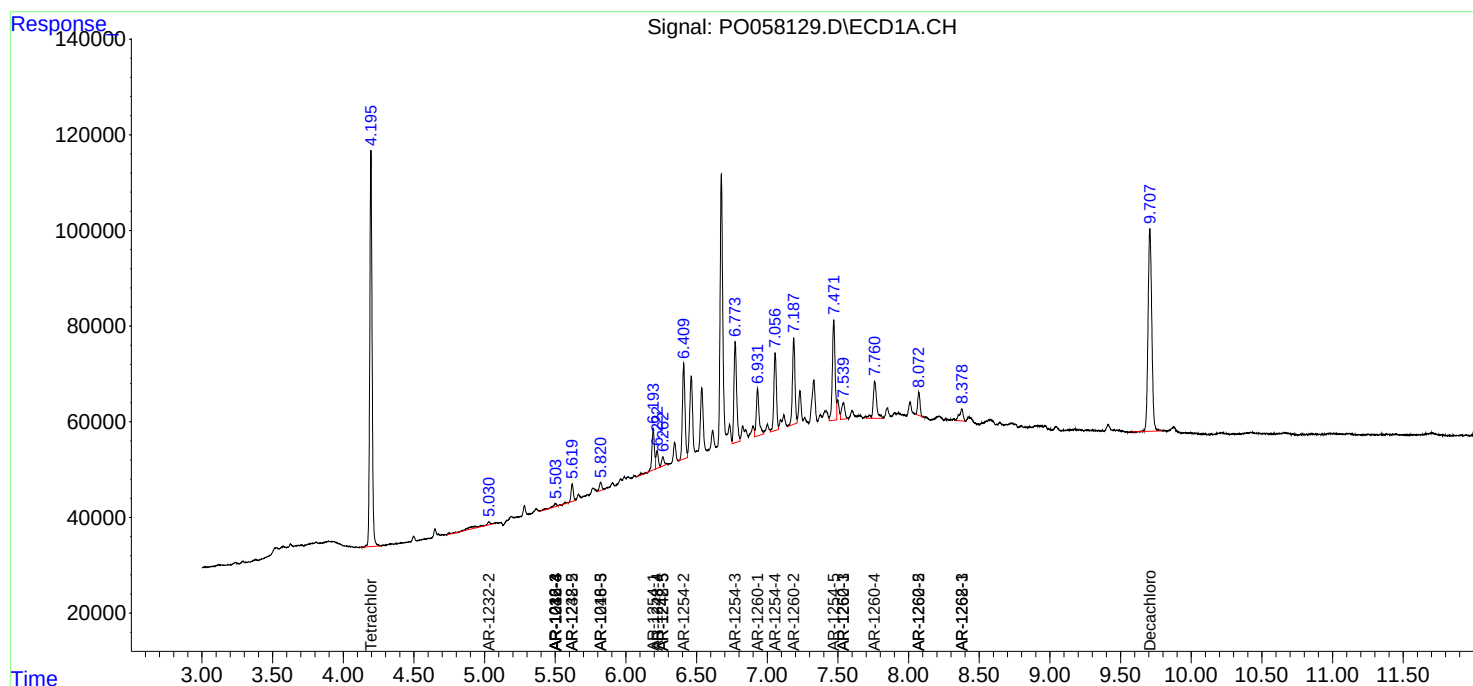
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

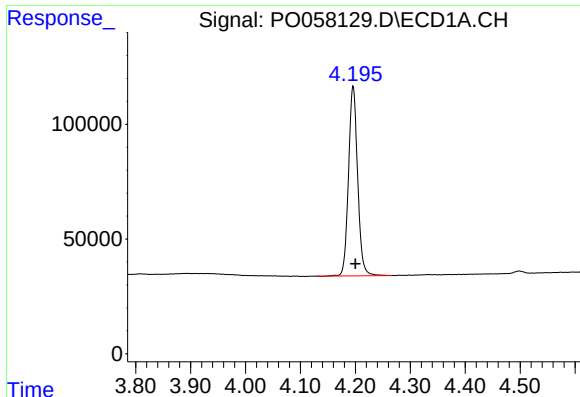
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0071919\  
Data File : P0058129.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 19 Jul 2019 1:24  
Operator : SM/AJ  
Sample : K3894-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
K580-B12

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 19 05:58:31 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0071719.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 17 11:13:08 2019  
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

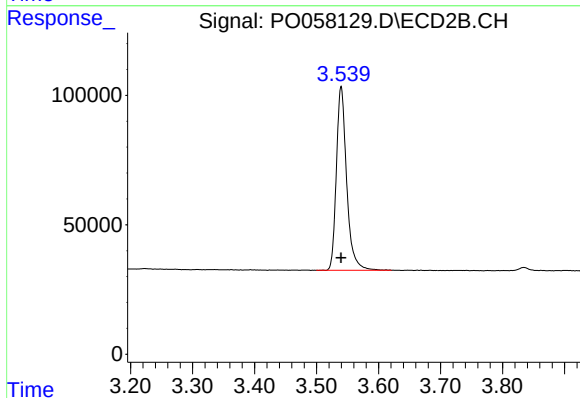




#1 Tetrachloro-m-xylene

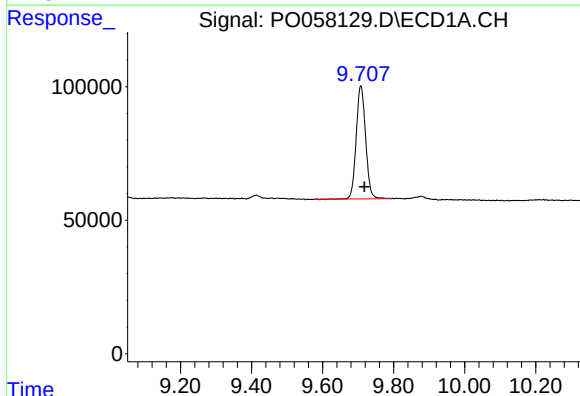
R.T.: 4.196 min  
Delta R.T.: -0.004 min  
Response: 954908  
Conc: 28.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



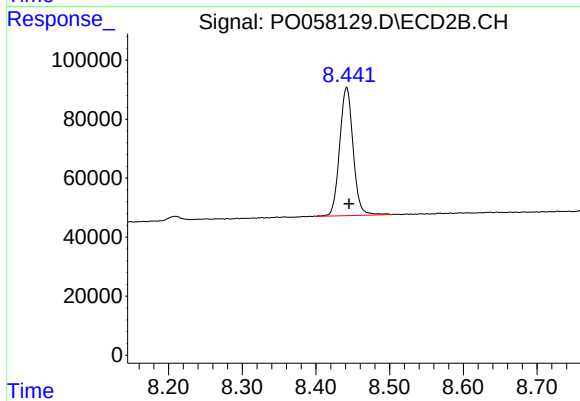
#1 Tetrachloro-m-xylene

R.T.: 3.540 min  
Delta R.T.: 0.000 min  
Response: 818226  
Conc: 25.51 ng/ml



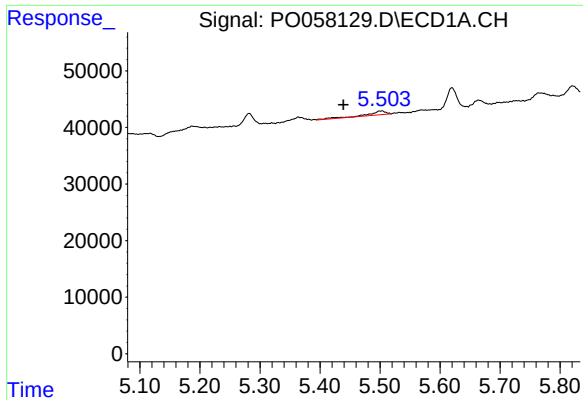
#2 Decachlorobiphenyl

R.T.: 9.708 min  
Delta R.T.: -0.010 min  
Response: 778265  
Conc: 15.21 ng/ml



#2 Decachlorobiphenyl

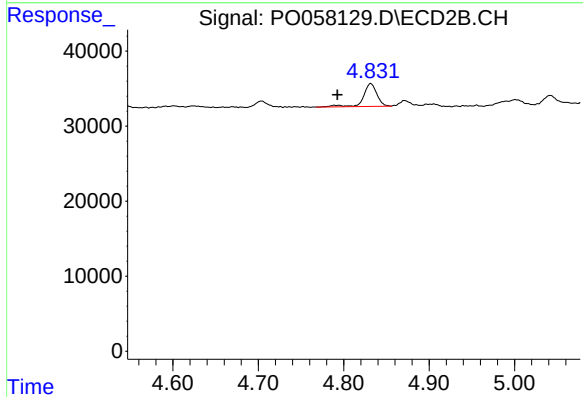
R.T.: 8.442 min  
Delta R.T.: -0.003 min  
Response: 550161  
Conc: 16.05 ng/ml



#5 AR-1016-3

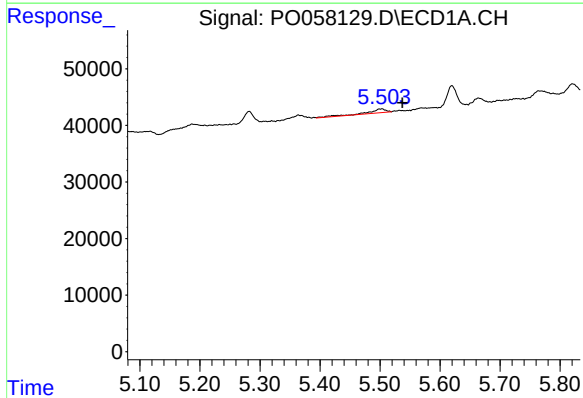
R.T.: 5.503 min  
Delta R.T.: 0.064 min  
Response: 15443  
Conc: 10.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



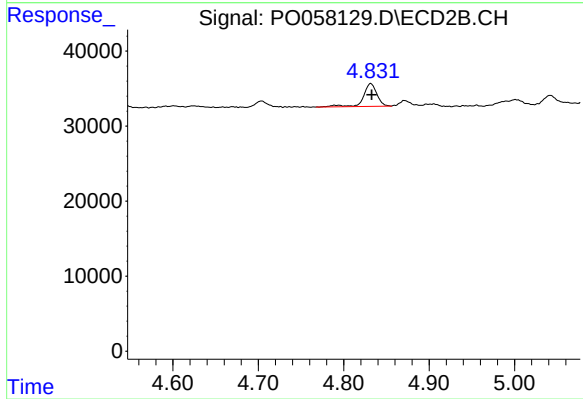
#5 AR-1016-3

R.T.: 4.832 min  
Delta R.T.: 0.039 min  
Response: 32903  
Conc: 35.05 ng/ml



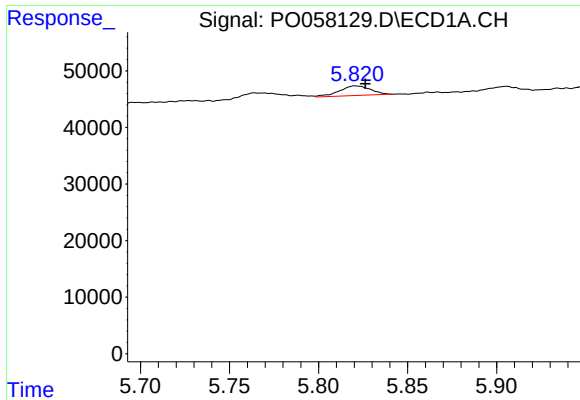
#6 AR-1016-4

R.T.: 5.503 min  
Delta R.T.: -0.034 min  
Response: 15443  
Conc: 13.56 ng/ml



#6 AR-1016-4

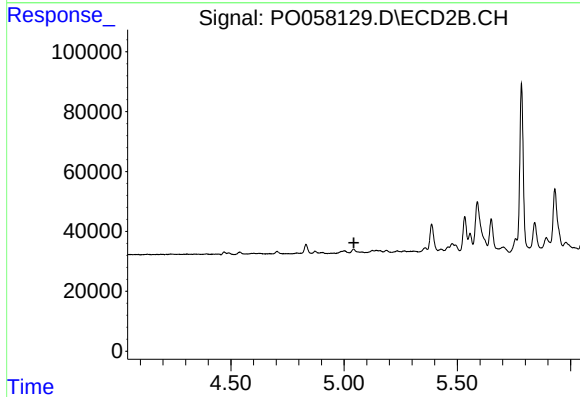
R.T.: 4.832 min  
Delta R.T.: -0.001 min  
Response: 32903  
Conc: 42.27 ng/ml



#7 AR-1016-5

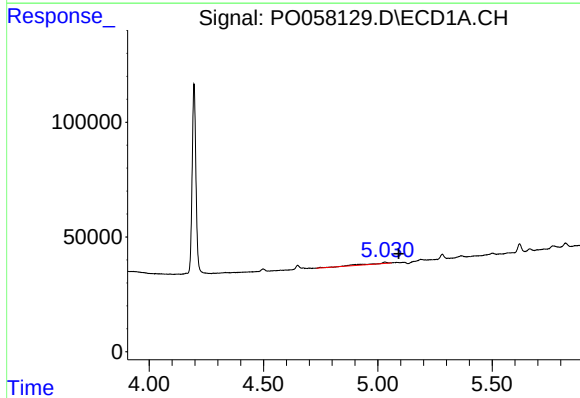
R.T.: 5.821 min  
Delta R.T.: -0.005 min  
Response: 20697  
Conc: 18.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



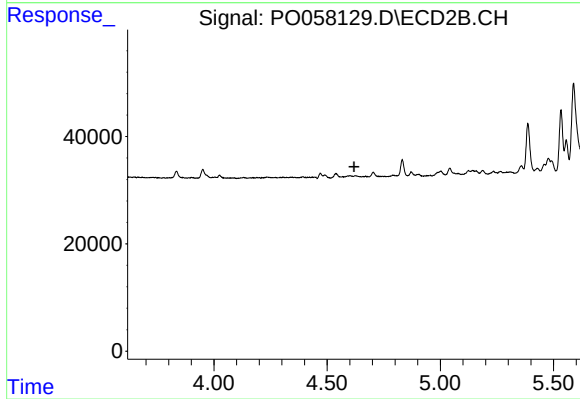
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.043 min  
Response: 0  
Conc: N.D.



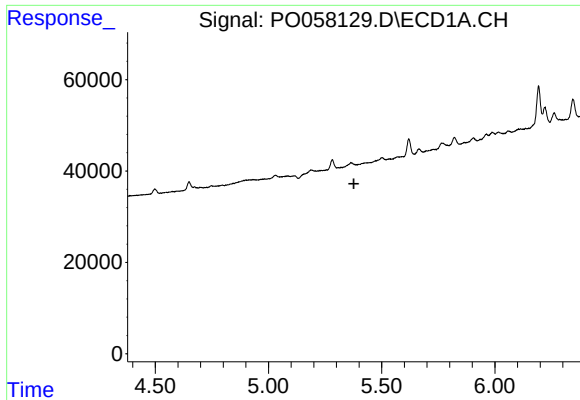
#12 AR-1232-2

R.T.: 5.031 min  
Delta R.T.: -0.060 min  
Response: 34163  
Conc: 73.87 ng/ml



#12 AR-1232-2

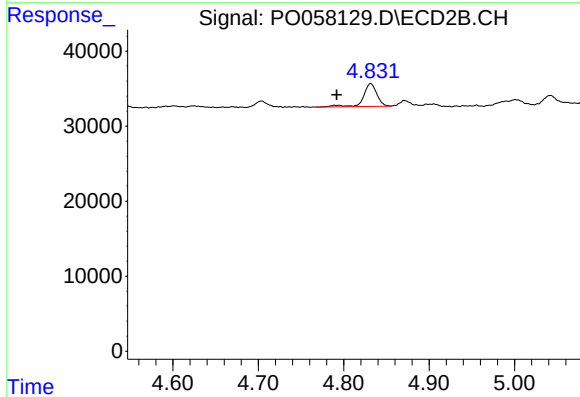
R.T.: 0.000 min  
Exp R.T. : 4.619 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

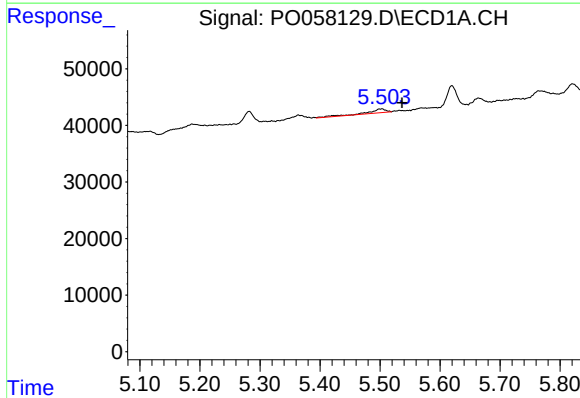
R.T.: 0.000 min  
Exp R.T.: 5.378 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



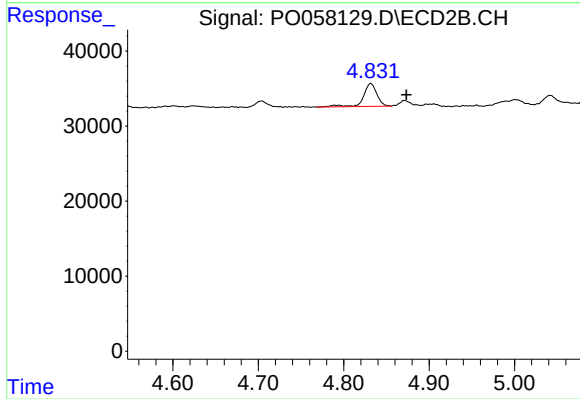
#13 AR-1232-3

R.T.: 4.832 min  
Delta R.T.: 0.040 min  
Response: 32903  
Conc: 79.95 ng/ml



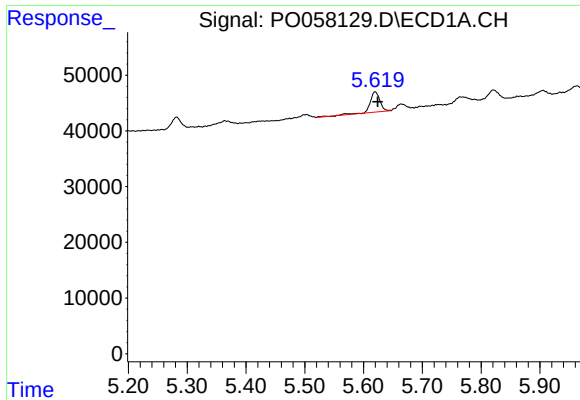
#14 AR-1232-4

R.T.: 5.503 min  
Delta R.T.: -0.034 min  
Response: 15443  
Conc: 30.97 ng/ml



#14 AR-1232-4

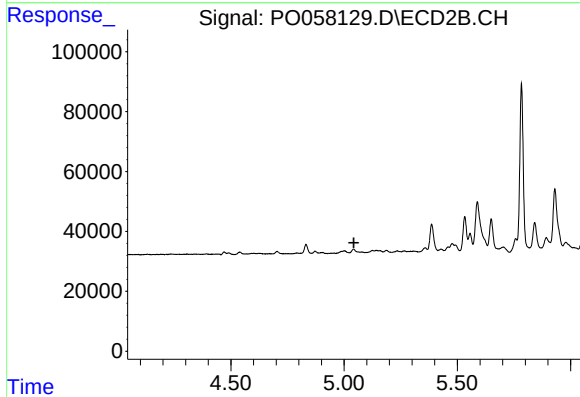
R.T.: 4.832 min  
Delta R.T.: -0.042 min  
Response: 32903  
Conc: 89.65 ng/ml



#15 AR-1232-5

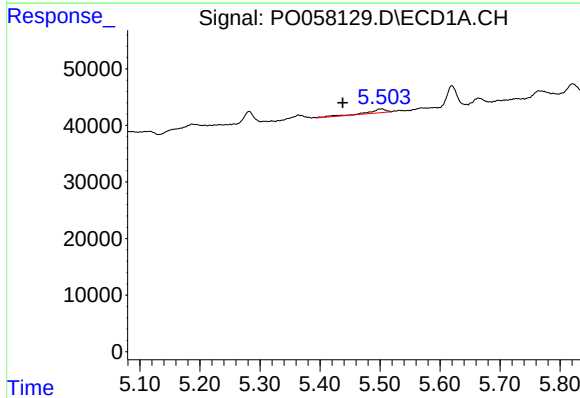
R.T.: 5.620 min  
Delta R.T.: -0.005 min  
Response: 43578  
Conc: 115.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



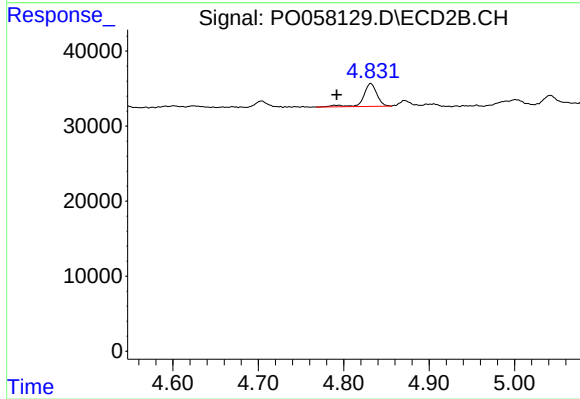
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.043 min  
Response: 0  
Conc: N.D.



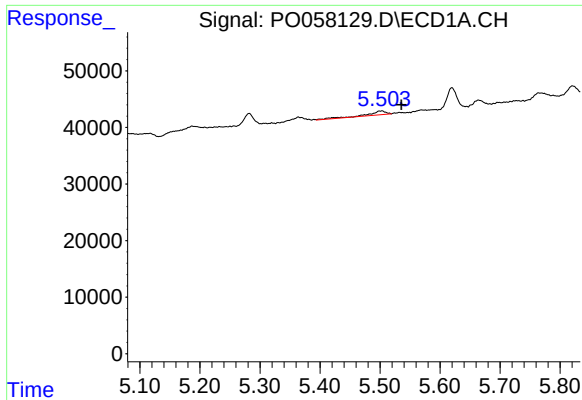
#18 AR-1242-3

R.T.: 5.503 min  
Delta R.T.: 0.065 min  
Response: 15443  
Conc: 13.30 ng/ml



#18 AR-1242-3

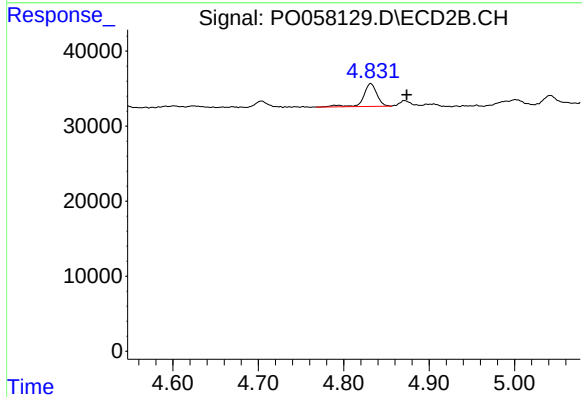
R.T.: 4.832 min  
Delta R.T.: 0.040 min  
Response: 32903  
Conc: 42.91 ng/ml



#19 AR-1242-4

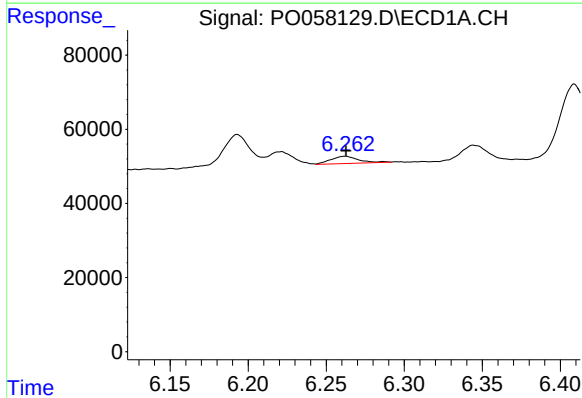
R.T.: 5.503 min  
Delta R.T.: -0.033 min  
Response: 15443  
Conc: 16.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



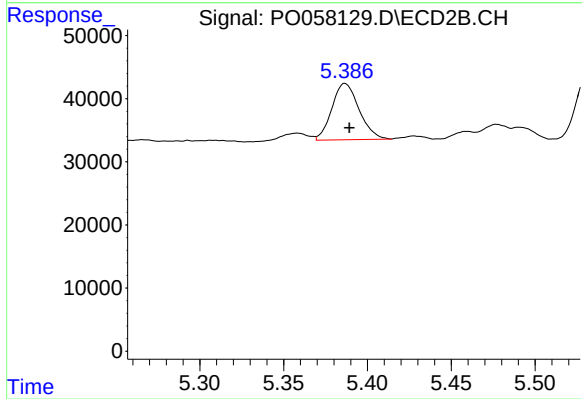
#19 AR-1242-4

R.T.: 4.832 min  
Delta R.T.: -0.042 min  
Response: 32903  
Conc: 43.35 ng/ml



#20 AR-1242-5

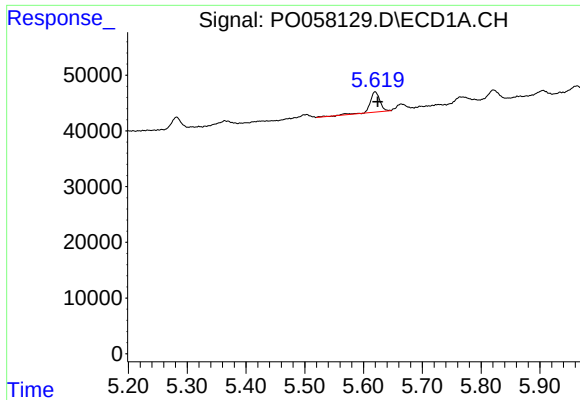
R.T.: 6.262 min  
Delta R.T.: 0.000 min  
Response: 23789  
Conc: 20.54 ng/ml



#20 AR-1242-5

R.T.: 5.387 min  
Delta R.T.: -0.003 min  
Response: 100622  
Conc: 105.60 ng/ml

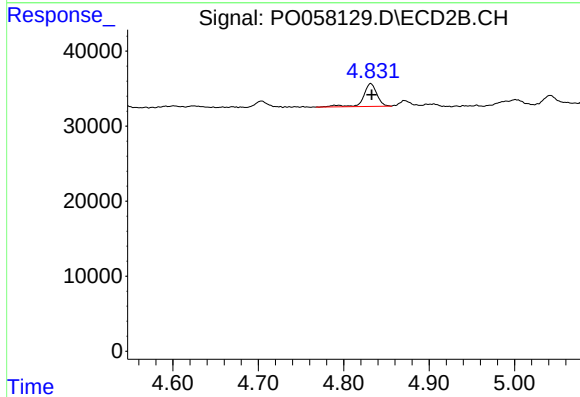




#22 AR-1248-2

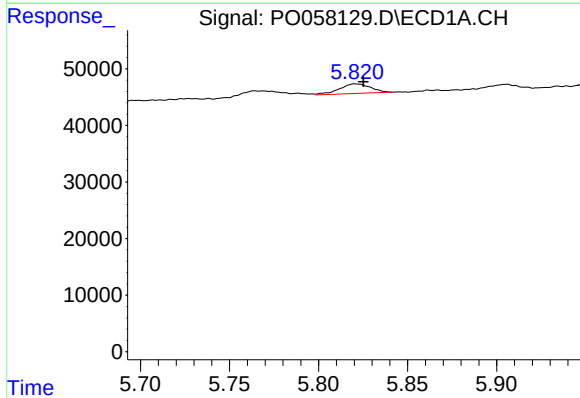
R.T.: 5.620 min  
Delta R.T.: -0.005 min  
Response: 43578  
Conc: 32.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



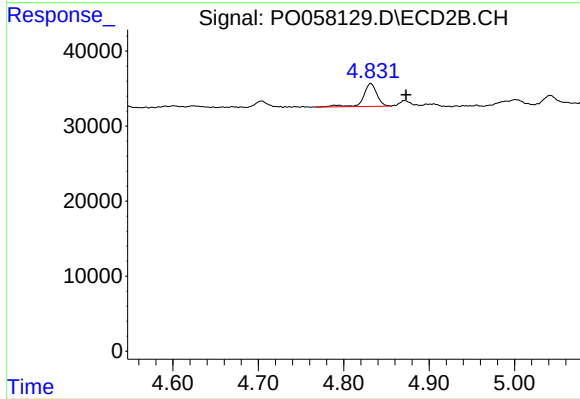
#22 AR-1248-2

R.T.: 4.832 min  
Delta R.T.: -0.001 min  
Response: 32903  
Conc: 32.29 ng/ml



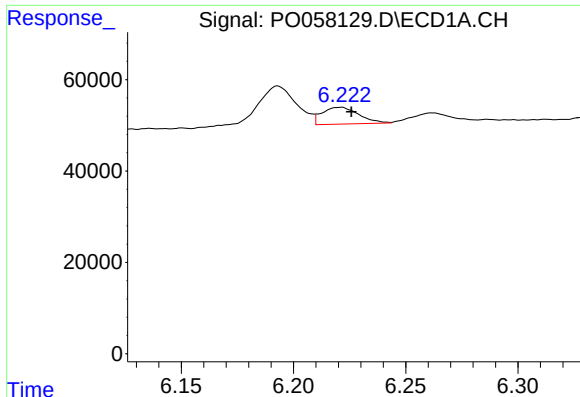
#23 AR-1248-3

R.T.: 5.821 min  
Delta R.T.: -0.004 min  
Response: 20697  
Conc: 13.35 ng/ml



#23 AR-1248-3

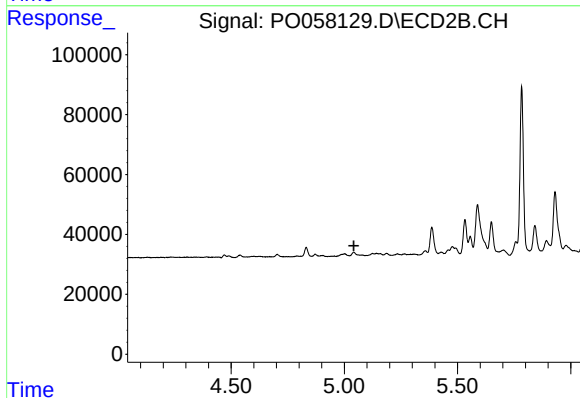
R.T.: 4.832 min  
Delta R.T.: -0.041 min  
Response: 32903  
Conc: 31.30 ng/ml



#24 AR-1248-4

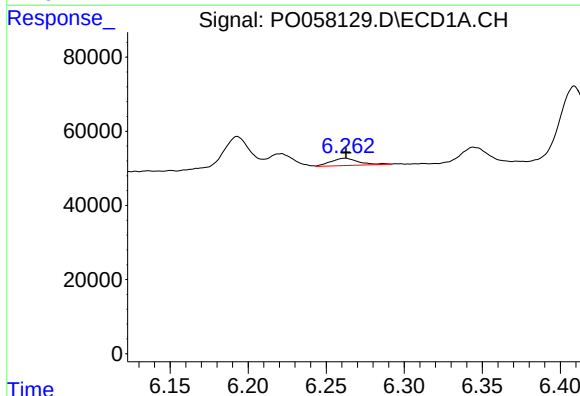
R.T.: 6.221 min  
Delta R.T.: -0.005 min  
Response: 41874  
Conc: 21.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



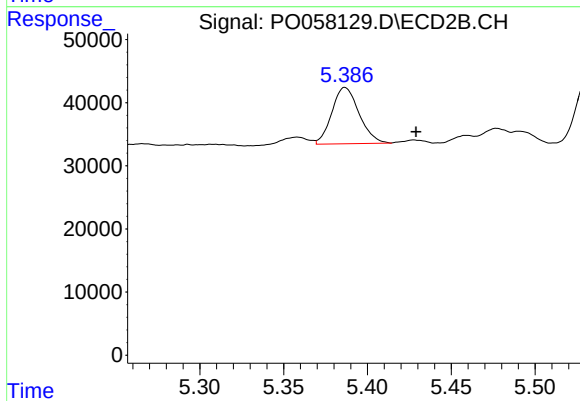
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.042 min  
Response: 0  
Conc: N.D.



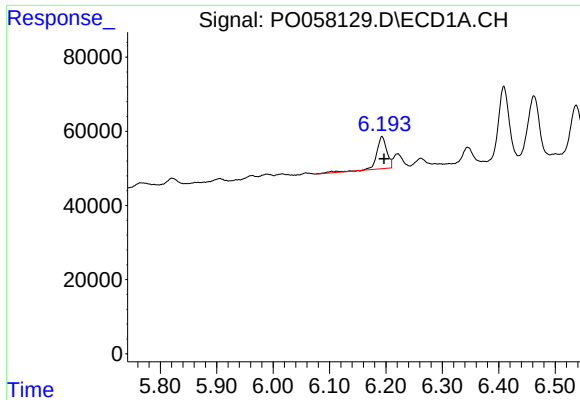
#25 AR-1248-5

R.T.: 6.262 min  
Delta R.T.: 0.000 min  
Response: 23789  
Conc: 12.48 ng/ml



#25 AR-1248-5

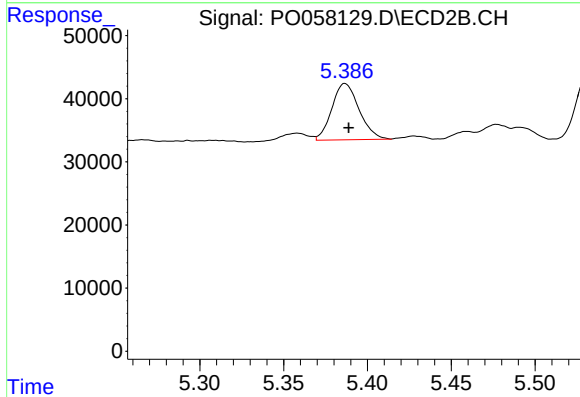
R.T.: 5.387 min  
Delta R.T.: -0.042 min  
Response: 100622  
Conc: 79.59 ng/ml



#26 AR-1254-1

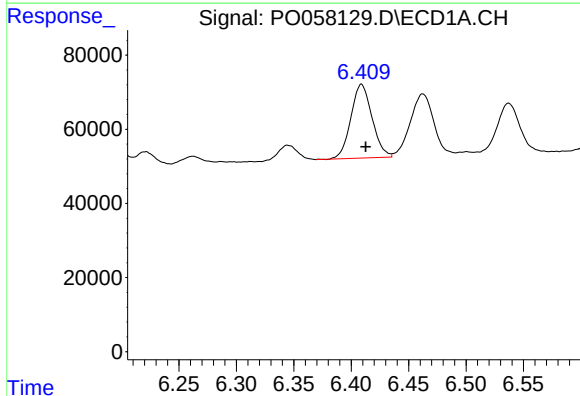
R.T.: 6.193 min  
Delta R.T.: -0.003 min  
Response: 109623  
Conc: 55.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



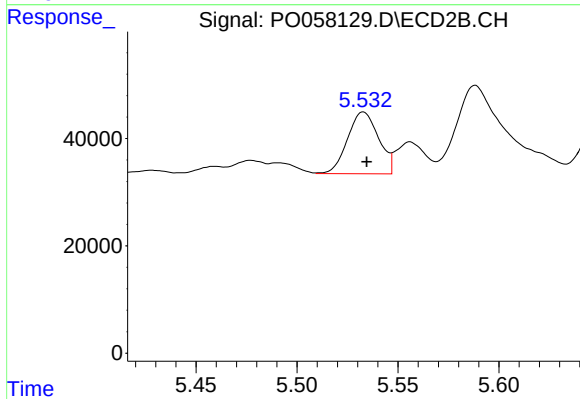
#26 AR-1254-1

R.T.: 5.387 min  
Delta R.T.: -0.002 min  
Response: 100622  
Conc: 49.39 ng/ml



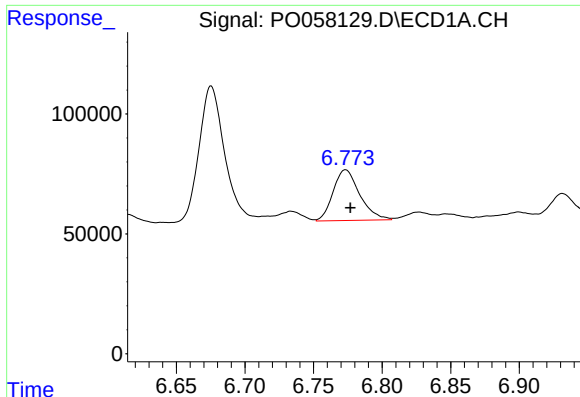
#27 AR-1254-2

R.T.: 6.409 min  
Delta R.T.: -0.004 min  
Response: 256438  
Conc: 78.44 ng/ml



#27 AR-1254-2

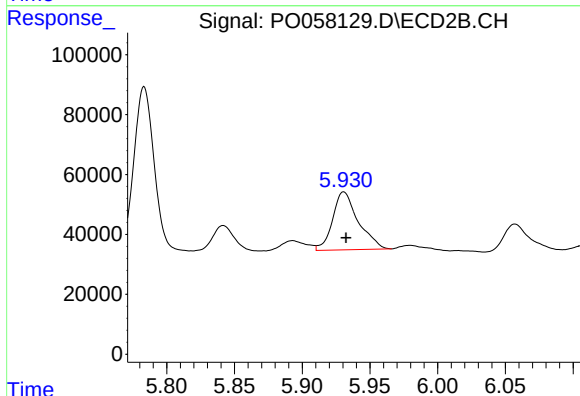
R.T.: 5.533 min  
Delta R.T.: -0.002 min  
Response: 123446  
Conc: 68.12 ng/ml



#28 AR-1254-3

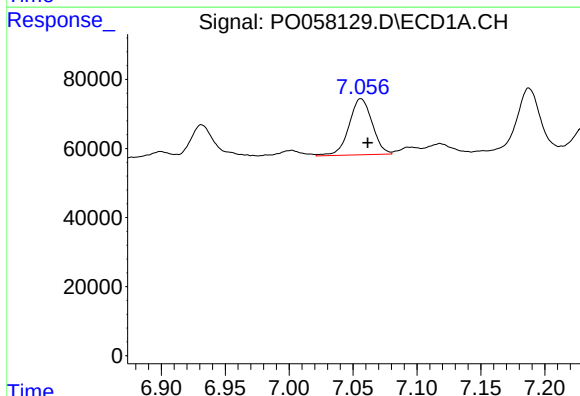
R.T.: 6.773 min  
Delta R.T.: -0.004 min  
Response: 285283  
Conc: 80.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



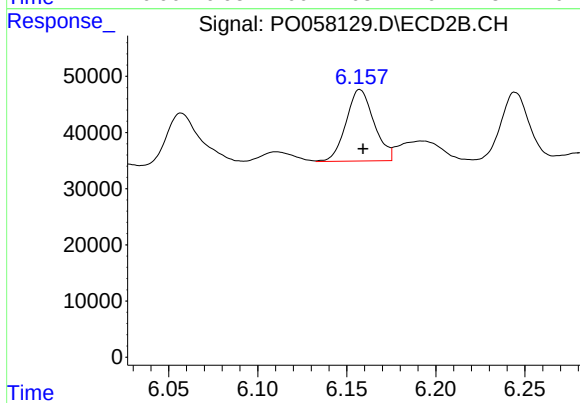
#28 AR-1254-3

R.T.: 5.931 min  
Delta R.T.: -0.002 min  
Response: 254632  
Conc: 86.95 ng/ml



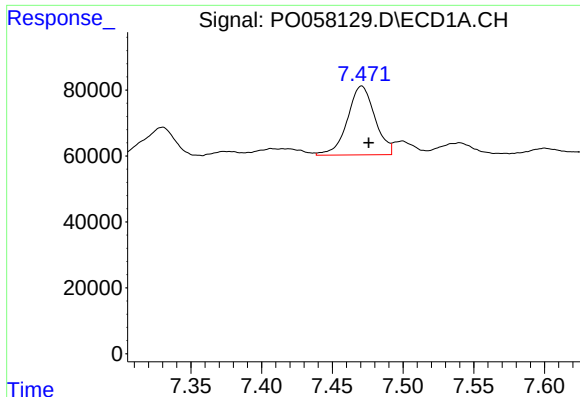
#29 AR-1254-4

R.T.: 7.056 min  
Delta R.T.: -0.005 min  
Response: 204839  
Conc: 69.23 ng/ml



#29 AR-1254-4

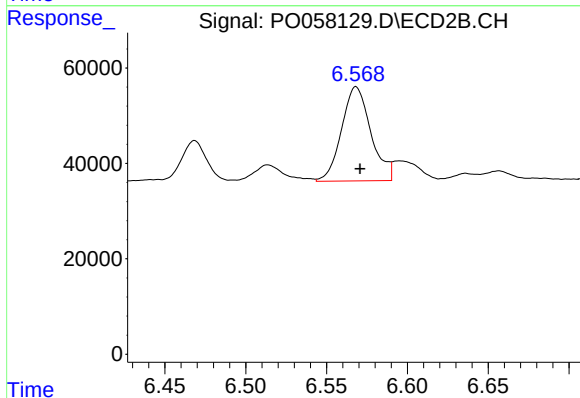
R.T.: 6.157 min  
Delta R.T.: -0.002 min  
Response: 138932  
Conc: 75.19 ng/ml



#30 AR-1254-5

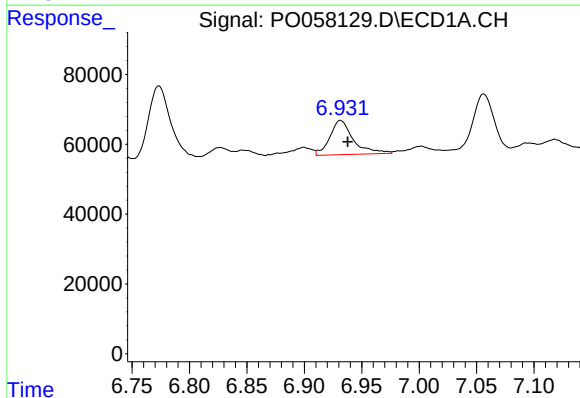
R.T.: 7.471 min  
Delta R.T.: -0.005 min  
Response: 282511  
Conc: 96.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



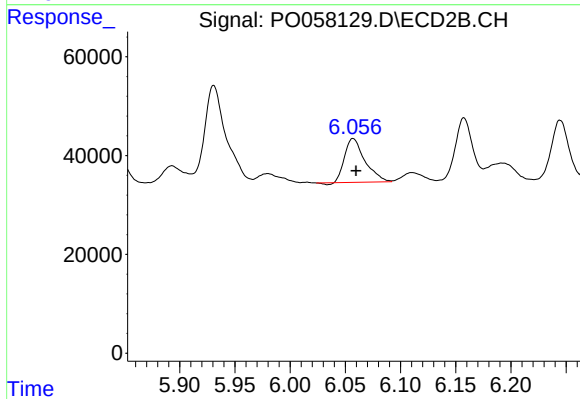
#30 AR-1254-5

R.T.: 6.568 min  
Delta R.T.: -0.003 min  
Response: 249503  
Conc: 91.78 ng/ml



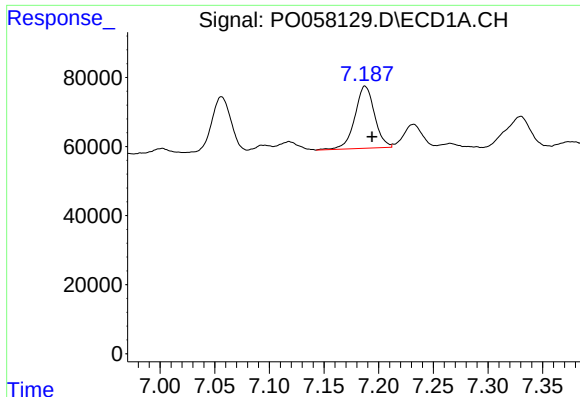
#31 AR-1260-1

R.T.: 6.932 min  
Delta R.T.: -0.006 min  
Response: 139232  
Conc: 55.67 ng/ml



#31 AR-1260-1

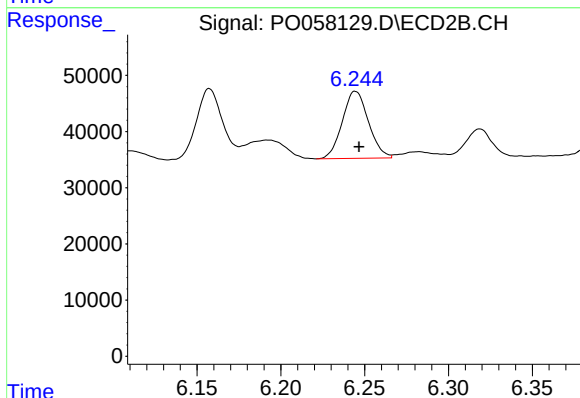
R.T.: 6.057 min  
Delta R.T.: -0.003 min  
Response: 112675  
Conc: 55.64 ng/ml



#32 AR-1260-2

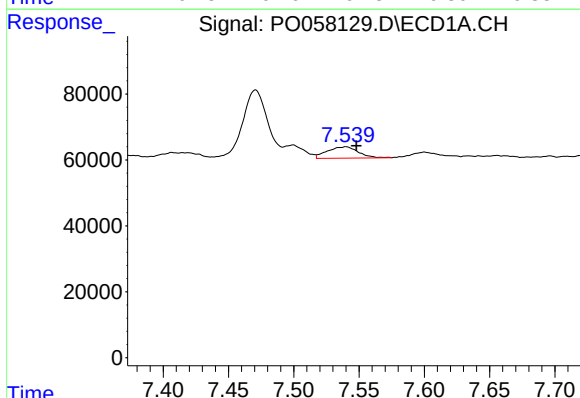
R.T.: 7.188 min  
Delta R.T.: -0.006 min  
Response: 225382  
Conc: 64.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



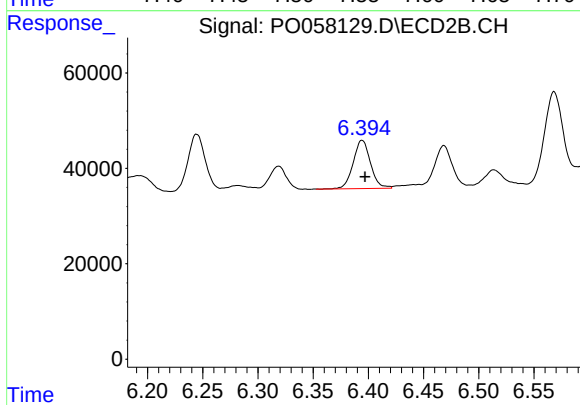
#32 AR-1260-2

R.T.: 6.245 min  
Delta R.T.: -0.002 min  
Response: 129683  
Conc: 50.43 ng/ml



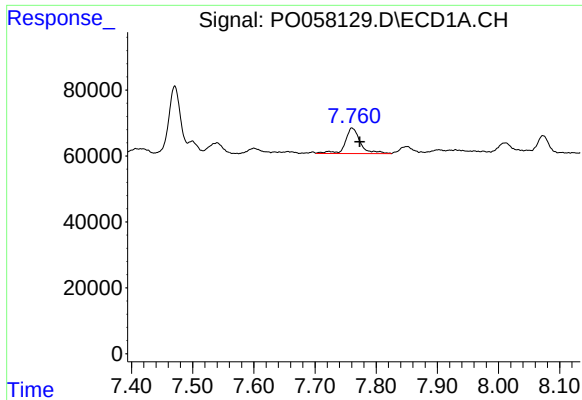
#33 AR-1260-3

R.T.: 7.540 min  
Delta R.T.: -0.008 min  
Response: 56424  
Conc: 19.22 ng/ml



#33 AR-1260-3

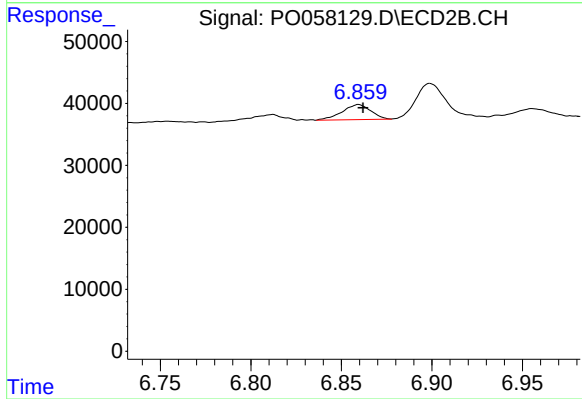
R.T.: 6.394 min  
Delta R.T.: -0.003 min  
Response: 110443  
Conc: 48.42 ng/ml



#34 AR-1260-4

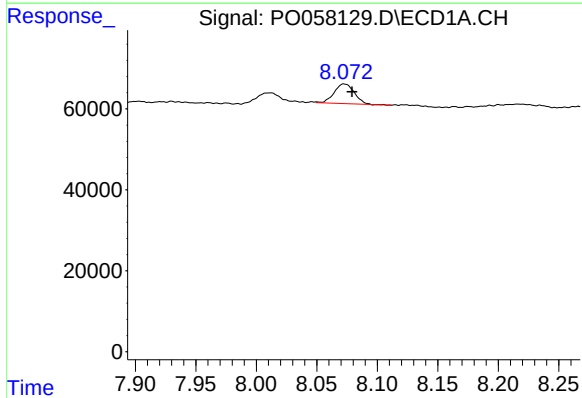
R.T.: 7.760 min  
Delta R.T.: -0.013 min  
Response: 133053  
Conc: 48.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



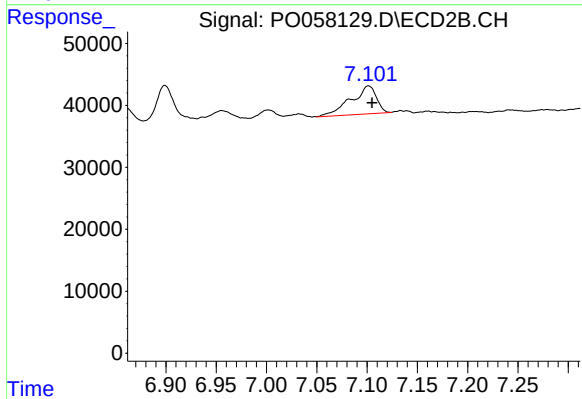
#34 AR-1260-4

R.T.: 6.859 min  
Delta R.T.: -0.002 min  
Response: 26746  
Conc: 13.81 ng/ml



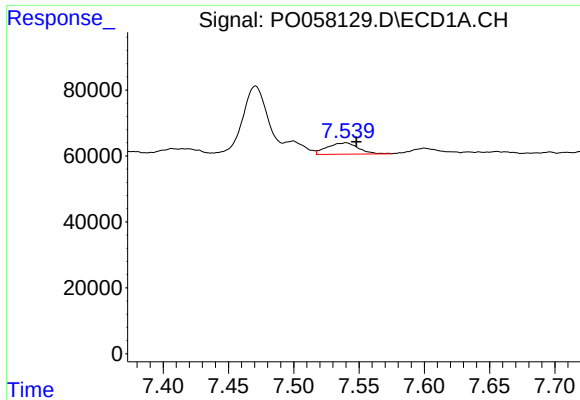
#35 AR-1260-5

R.T.: 8.073 min  
Delta R.T.: -0.006 min  
Response: 56375  
Conc: 9.72 ng/ml



#35 AR-1260-5

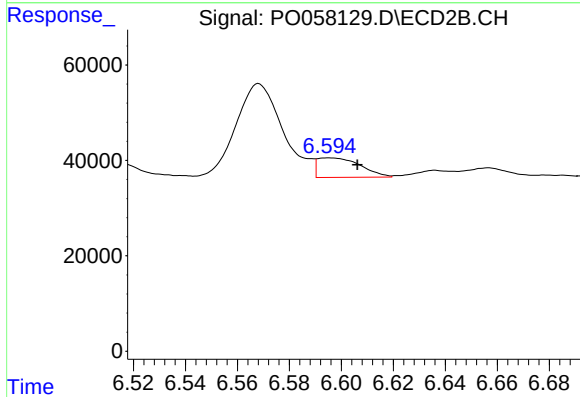
R.T.: 7.101 min  
Delta R.T.: -0.003 min  
Response: 79898  
Conc: 17.36 ng/ml



#36 AR-1262-1

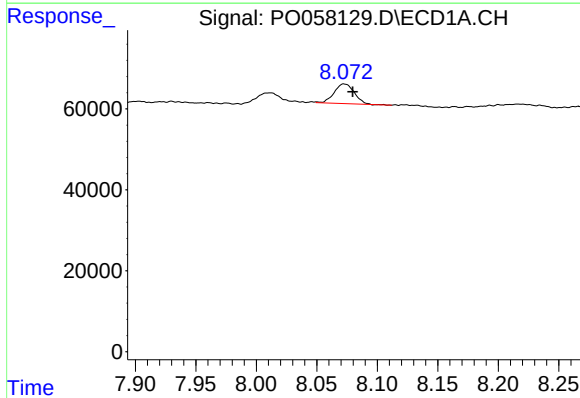
R.T.: 7.540 min  
Delta R.T.: -0.008 min  
Response: 56424  
Conc: 10.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



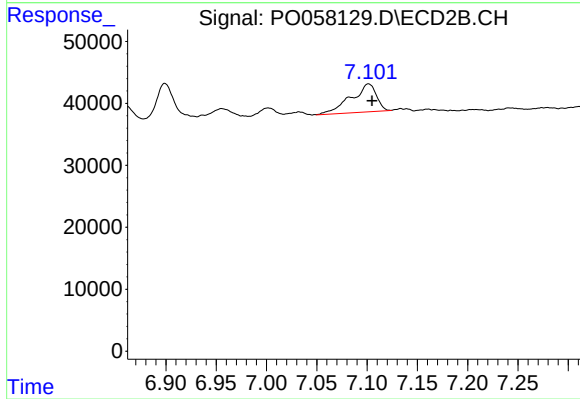
#36 AR-1262-1

R.T.: 6.595 min  
Delta R.T.: -0.011 min  
Response: 46921  
Conc: 11.81 ng/ml



#37 AR-1262-2

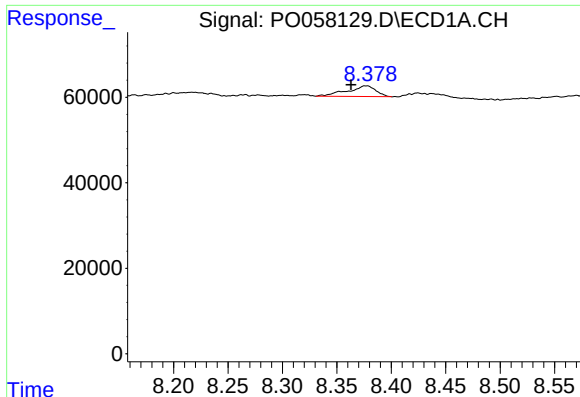
R.T.: 8.073 min  
Delta R.T.: -0.007 min  
Response: 56375  
Conc: 6.63 ng/ml



#37 AR-1262-2

R.T.: 7.101 min  
Delta R.T.: -0.004 min  
Response: 79898  
Conc: 12.37 ng/ml

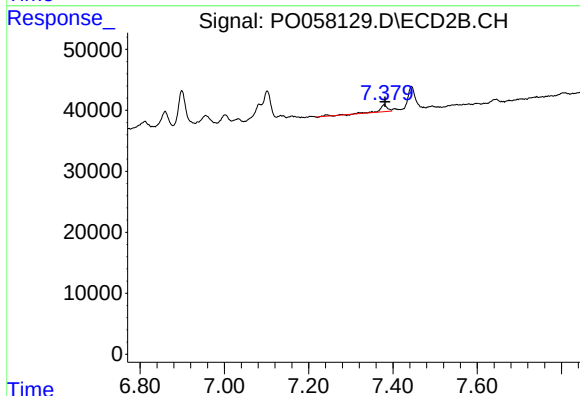




#38 AR-1262-3

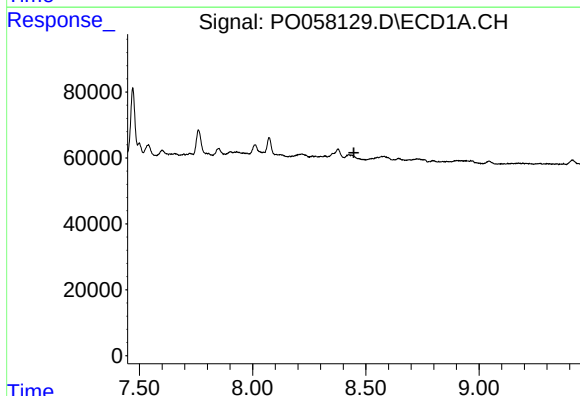
R.T.: 8.377 min  
Delta R.T.: 0.014 min  
Response: 45179  
Conc: 8.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



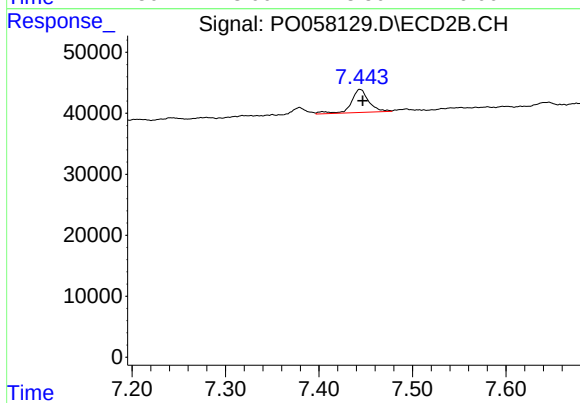
#38 AR-1262-3

R.T.: 7.379 min  
Delta R.T.: -0.002 min  
Response: 16167  
Conc: 5.87 ng/ml



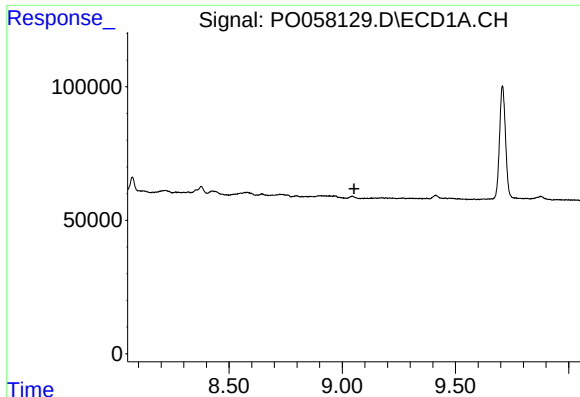
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.447 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

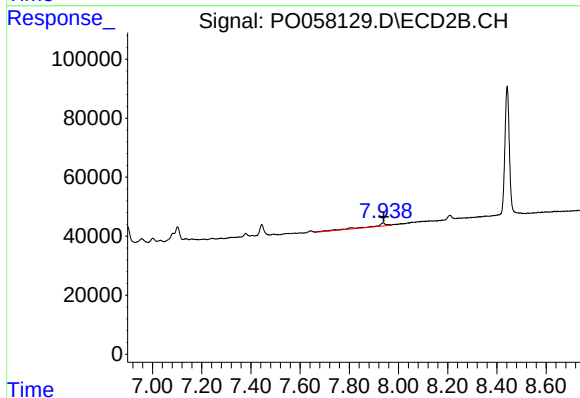
R.T.: 7.444 min  
Delta R.T.: -0.003 min  
Response: 49700  
Conc: 10.41 ng/ml



#40 AR-1262-5

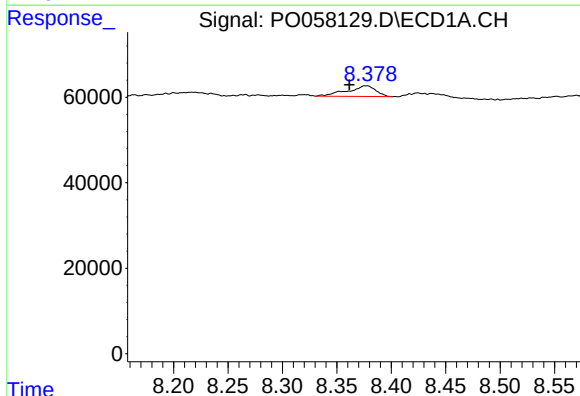
R.T.: 0.000 min  
Exp R.T.: 9.052 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



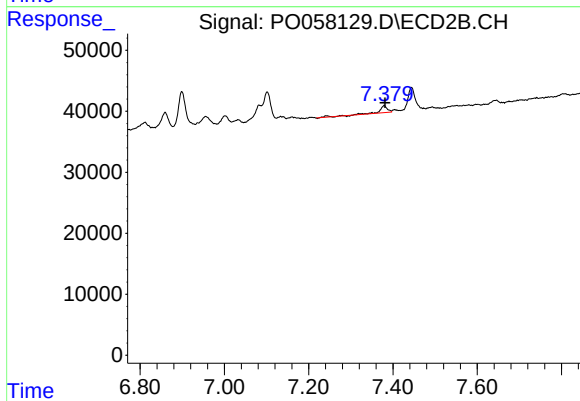
#40 AR-1262-5

R.T.: 7.938 min  
Delta R.T.: -0.002 min  
Response: 40331  
Conc: 20.28 ng/ml



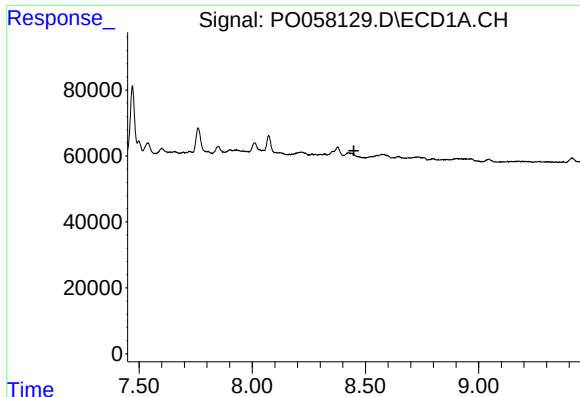
#41 AR-1268-1

R.T.: 8.377 min  
Delta R.T.: 0.016 min  
Response: 45179  
Conc: 4.39 ng/ml



#41 AR-1268-1

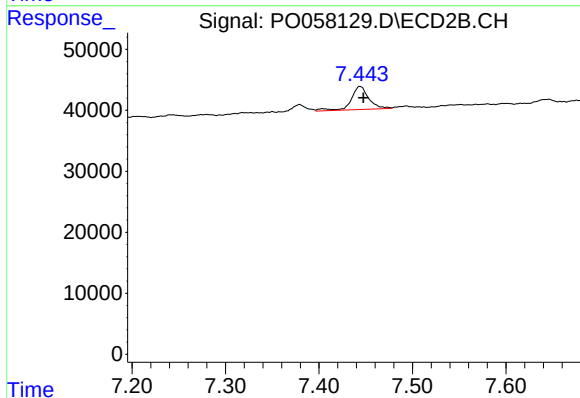
R.T.: 7.379 min  
Delta R.T.: -0.002 min  
Response: 16167  
Conc: 2.07 ng/ml



#42 AR-1268-2

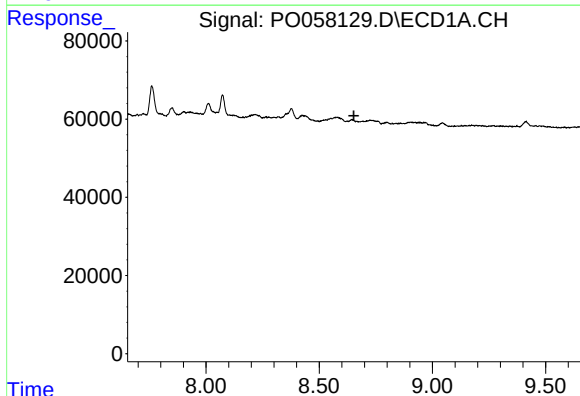
R.T.: 0.000 min  
Exp R.T.: 8.449 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



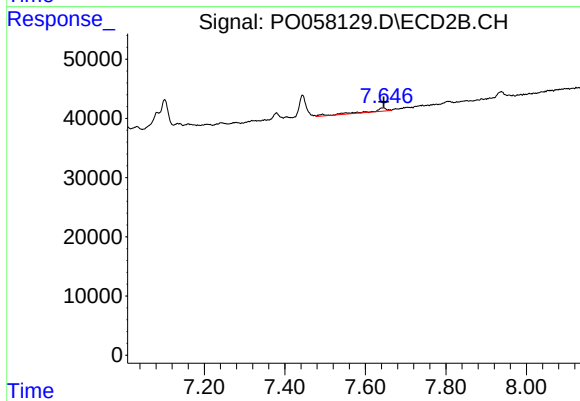
#42 AR-1268-2

R.T.: 7.444 min  
Delta R.T.: -0.003 min  
Response: 49700  
Conc: 6.98 ng/ml



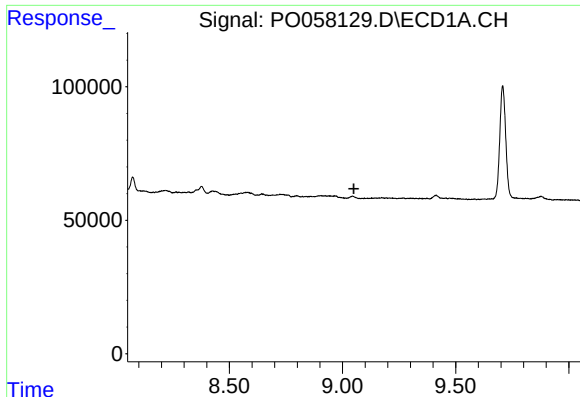
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 8.653 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

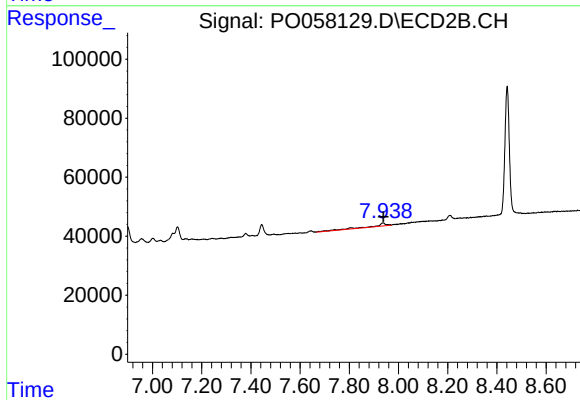
R.T.: 7.646 min  
Delta R.T.: 0.000 min  
Response: 17432  
Conc: 2.89 ng/ml



#44 AR-1268-4

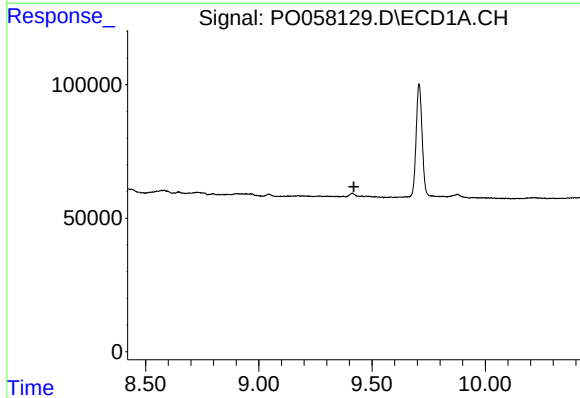
R.T.: 0.000 min  
Exp R.T.: 9.050 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
K580-B12



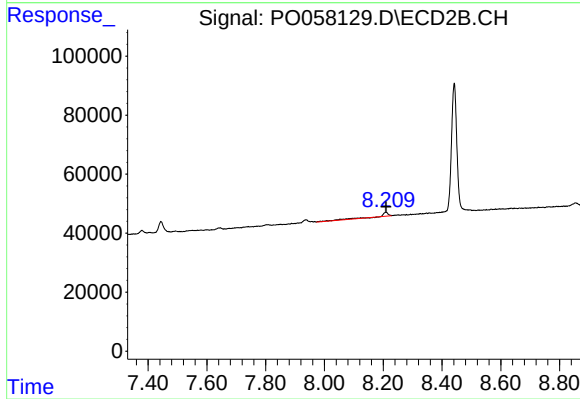
#44 AR-1268-4

R.T.: 7.938 min  
Delta R.T.: -0.001 min  
Response: 40331  
Conc: 19.28 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.420 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 25503  
Conc: 1.53 ng/ml