

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO112118\  
 Data File : PO051729.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 21 Nov 2018 19:39  
 Operator : SM/SJ  
 Sample : J6023-05  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 21 23:57:13 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO112018.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Nov 21 00:55:28 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|---------|---------|-----------|
| -----                       |                 |       |       |          |         |         |           |
| System Monitoring Compounds |                 |       |       |          |         |         |           |
| 1)                          | SA Tetrachlo... | 4.311 | 3.313 | 20480314 | 6650176 | 27.206  | 27.783    |
| 2)                          | SA Decachlor... | 9.931 | 8.039 | 16943010 | 7847834 | 36.524  | 36.303    |
| Target Compounds            |                 |       |       |          |         |         |           |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.321 | 0        | 259184  | N.D.    | 34.950 #  |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.368 | 0        | 468783  | N.D.    | 38.329 #  |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.494 | 0        | 453086  | N.D.    | 74.210 #  |
| 6)                          | L1 AR-1016-4    | 5.636 | 4.578 | 2290250  | 298952  | 137.907 | 56.340 #  |
| 7)                          | L1 AR-1016-5    | 0.000 | 4.687 | 0        | 172233  | N.D.    | 26.391 #  |
| 8)                          | L2 AR-1221-1    | 4.482 | 3.484 | 997729   | 450355  | 140.330 | 200.248 # |
| 9)                          | L2 AR-1221-2    | 4.595 | 3.585 | 4634291  | 538709  | 884.471 | 310.692 # |
| 10)                         | L2 AR-1221-3    | 4.699 | 3.684 | 3954095  | 1261937 | 239.866 | 229.636   |
| 11)                         | L3 AR-1232-1    | 4.699 | 3.684 | 3954095  | 1261937 | 297.750 | 272.534   |
| 12)                         | L3 AR-1232-2    | 5.174 | 4.368 | 179219   | 468783  | 24.673  | 87.530 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.494 | 0        | 453086  | N.D.    | 173.338 # |
| 14)                         | L3 AR-1232-4    | 5.636 | 4.578 | 2290250  | 298952  | 321.681 | 135.638 # |
| 15)                         | L3 AR-1232-5    | 5.741 | 4.687 | 993656   | 172233  | 201.029 | 68.040 #  |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.321 | 0        | 259184  | N.D.    | 43.678 #  |
| 17)                         | L4 AR-1242-2    | 0.000 | 4.368 | 0        | 468783  | N.D.    | 46.966 #  |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.494 | 0        | 453086  | N.D.    | 91.346 #  |
| 19)                         | L4 AR-1242-4    | 5.636 | 4.578 | 2290250  | 298952  | 173.438 | 63.089 #  |
| 20)                         | L4 AR-1242-5    | 6.371 | 5.079 | 965618   | 155073  | 72.245  | 25.726 #  |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.321 | 0        | 259184  | N.D.    | 48.113 #  |
| 22)                         | L5 AR-1248-2    | 5.741 | 4.578 | 993656   | 298952  | 46.740  | 37.888    |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.578 | 0        | 298952  | N.D.    | 38.133 #  |
| 24)                         | L5 AR-1248-4    | 6.371 | 4.687 | 965618   | 172233  | 36.535  | 17.753 #  |
| 25)                         | L5 AR-1248-5    | 6.371 | 5.107 | 965618   | 89963   | 38.506  | 9.529 #   |
| 26)                         | L6 AR-1254-1    | 6.290 | 5.079 | 1140768  | 155073  | 46.189  | 11.280 #  |
| 27)                         | L6 AR-1254-2    | 6.566 | 5.257 | 474966   | 255152  | 12.196  | 21.379 #  |
| 28)                         | L6 AR-1254-3    | 6.921 | 5.542 | 954008   | 163200  | 23.665  | 8.686 #   |
| 29)                         | L6 AR-1254-4    | 7.212 | 5.892 | 591232   | 284933  | 18.955  | 24.982 #  |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.736 | 0        | 57780   | N.D.    | 4.259 #   |
| 32)                         | L7 AR-1260-2    | 7.391 | 5.892 | 448555   | 284933  | 10.625  | 16.420 #  |
| 33)                         | L7 AR-1260-3    | 7.713 | 6.056 | 382953   | 177792  | 13.181  | 11.607    |
| 36)                         | L8 AR-1262-1    | 7.713 | 0.000 | 382953   | 0       | 8.176   | N.D. #    |
| 38)                         | L8 AR-1262-3    | 0.000 | 7.053 | 0        | 166662  | N.D.    | 13.354 #  |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.053 | 0        | 166662  | N.D.    | 7.636 #   |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.053 | 0        | 166662  | N.D.    | 4.221 #   |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.053 | 0        | 166662  | N.D.    | 4.516 #   |
| -----                       |                 |       |       |          |         |         |           |

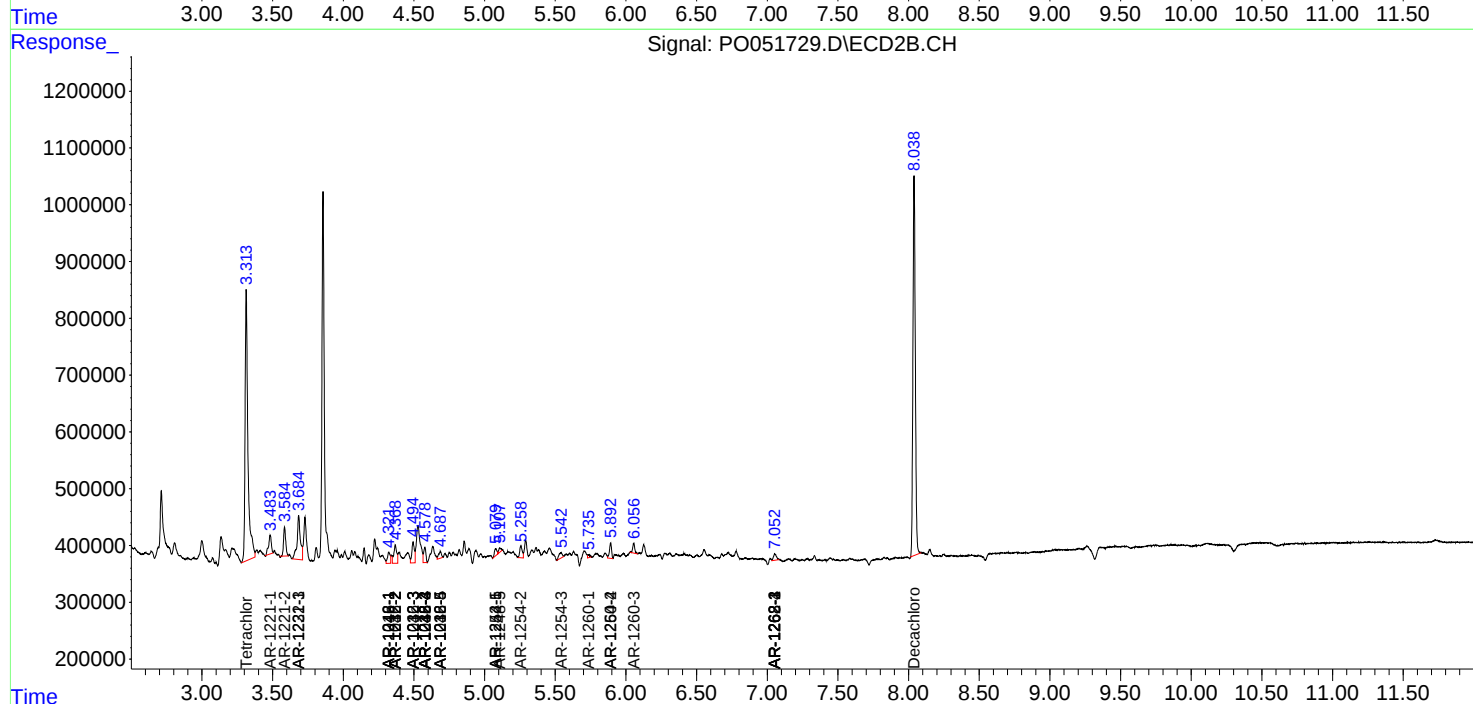
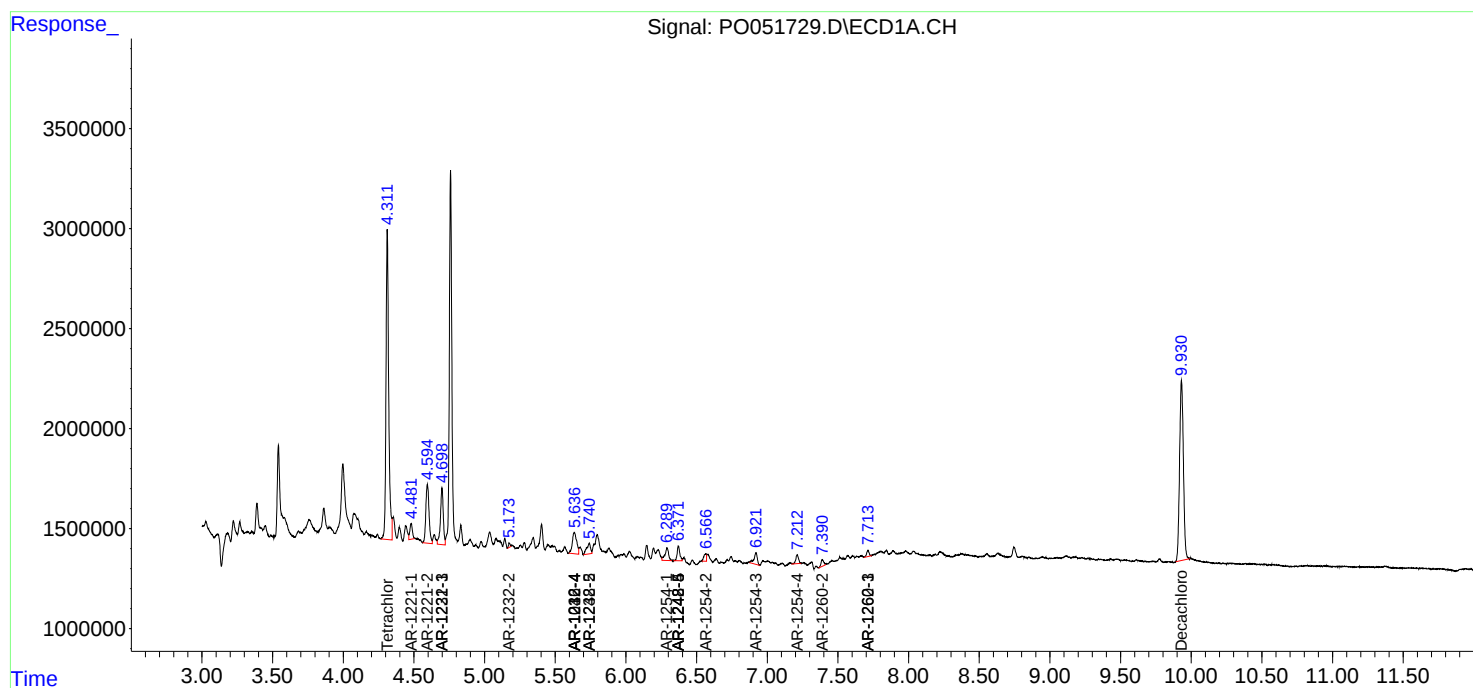
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

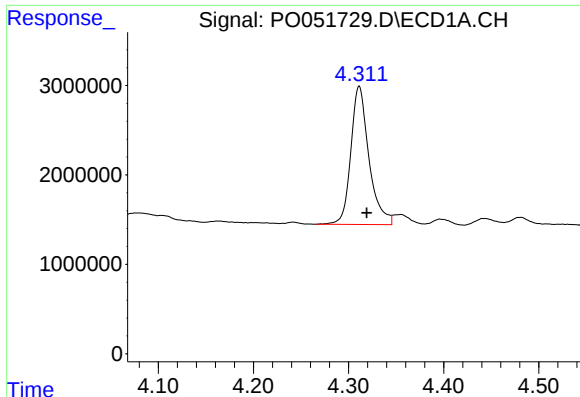
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO112118\  
Data File : PO051729.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 21 Nov 2018 19:39  
Operator : SM/SJ  
Sample : J6023-05  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 21 23:57:13 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO112018.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Nov 21 00:55:28 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

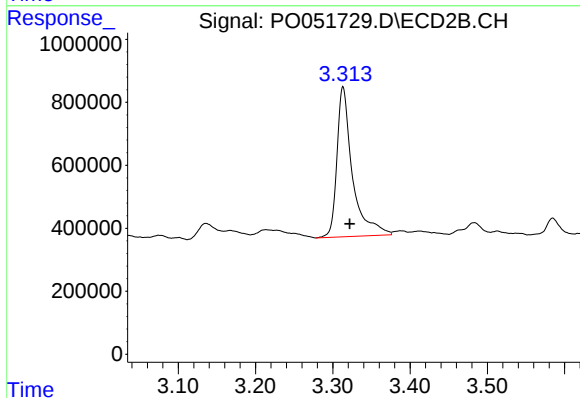




#1 Tetrachloro-m-xylene

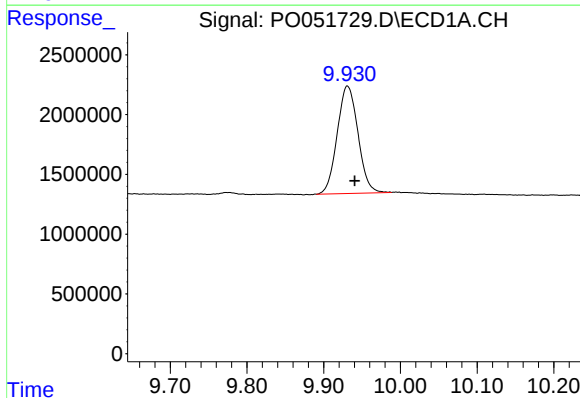
R.T.: 4.311 min  
Delta R.T.: -0.008 min  
Response: 20480314  
Conc: 27.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



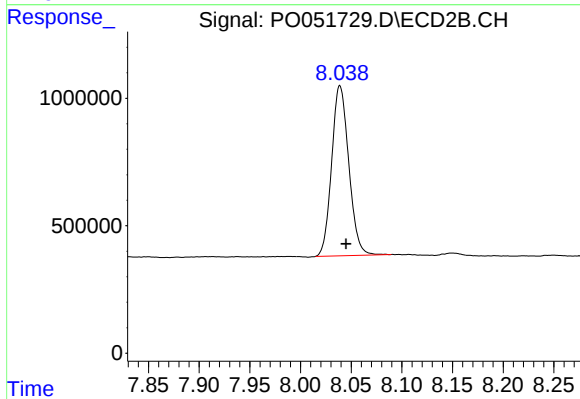
#1 Tetrachloro-m-xylene

R.T.: 3.313 min  
Delta R.T.: -0.009 min  
Response: 6650176  
Conc: 27.78 ng/ml



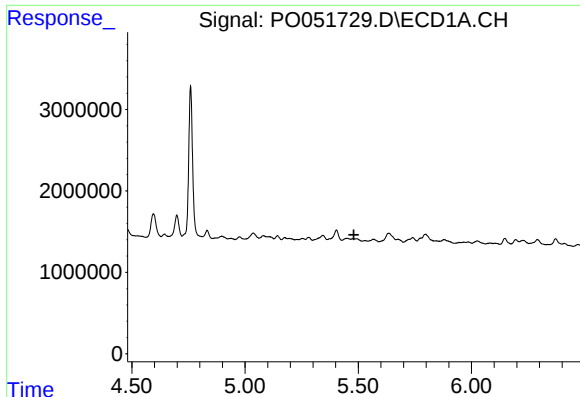
#2 Decachlorobiphenyl

R.T.: 9.931 min  
Delta R.T.: -0.010 min  
Response: 16943010  
Conc: 36.52 ng/ml



#2 Decachlorobiphenyl

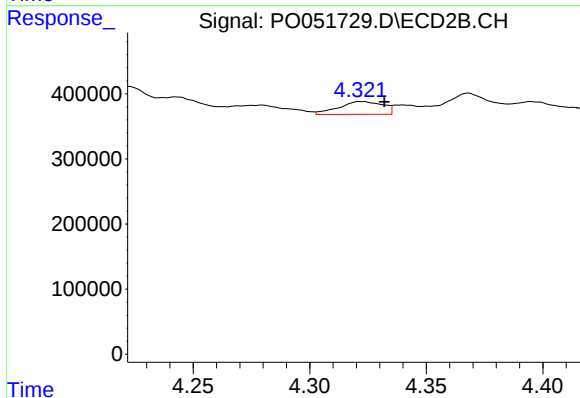
R.T.: 8.039 min  
Delta R.T.: -0.006 min  
Response: 7847834  
Conc: 36.30 ng/ml



#3 AR-1016-1

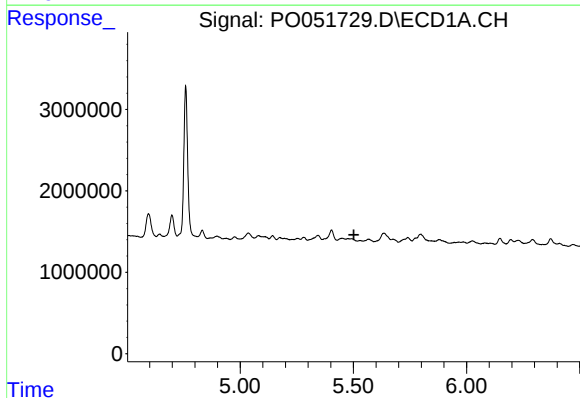
R.T.: 0.000 min  
Exp R.T.: 5.480 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



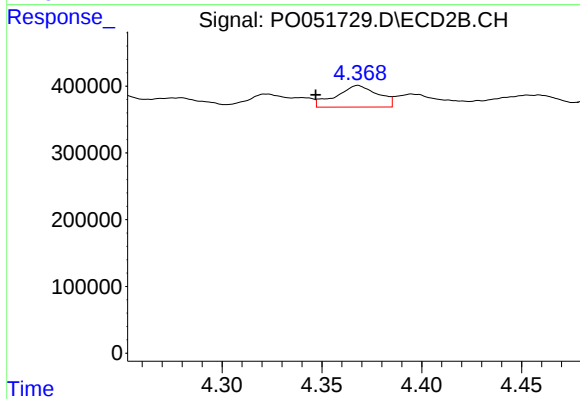
#3 AR-1016-1

R.T.: 4.321 min  
Delta R.T.: -0.011 min  
Response: 259184  
Conc: 34.95 ng/ml



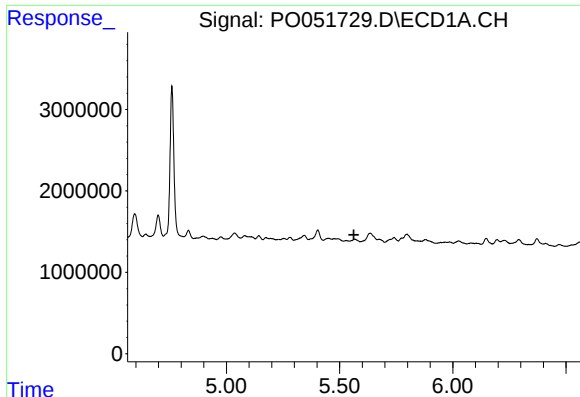
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.502 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

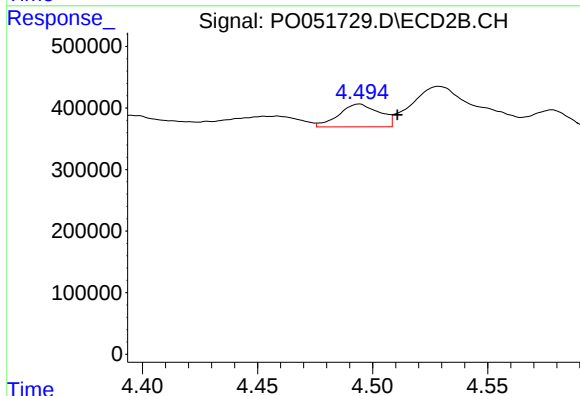
R.T.: 4.368 min  
Delta R.T.: 0.021 min  
Response: 468783  
Conc: 38.33 ng/ml



#5 AR-1016-3

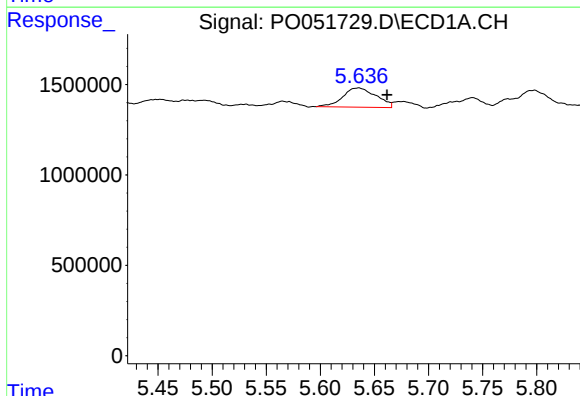
R.T.: 0.000 min  
Exp R.T.: 5.563 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



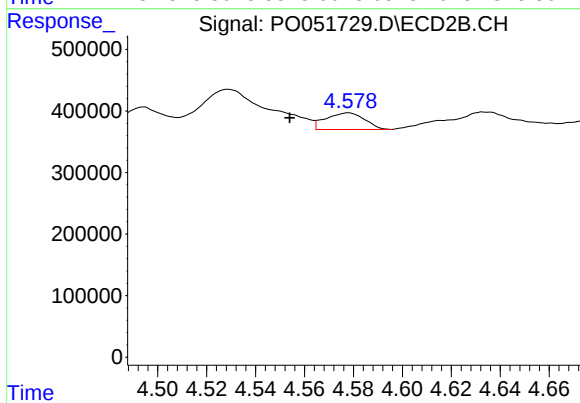
#5 AR-1016-3

R.T.: 4.494 min  
Delta R.T.: -0.016 min  
Response: 453086  
Conc: 74.21 ng/ml



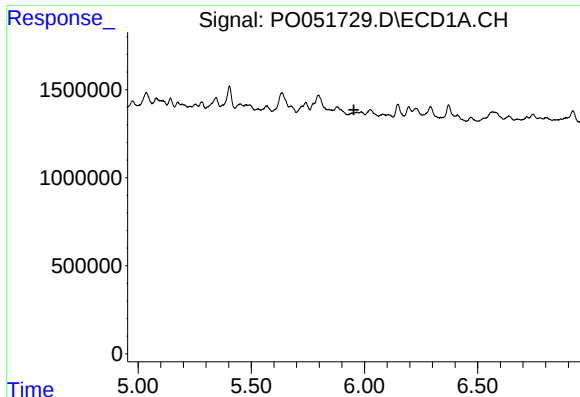
#6 AR-1016-4

R.T.: 5.636 min  
Delta R.T.: -0.026 min  
Response: 2290250  
Conc: 137.91 ng/ml



#6 AR-1016-4

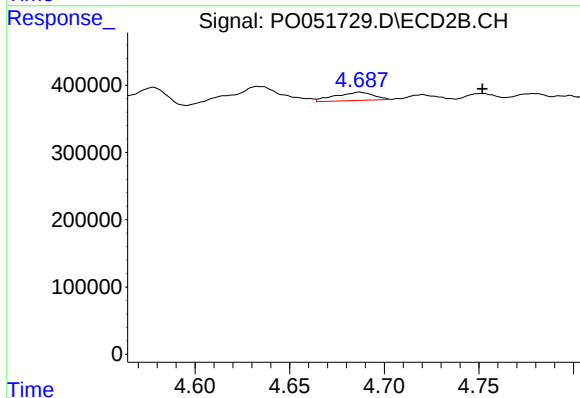
R.T.: 4.578 min  
Delta R.T.: 0.024 min  
Response: 298952  
Conc: 56.34 ng/ml



#7 AR-1016-5

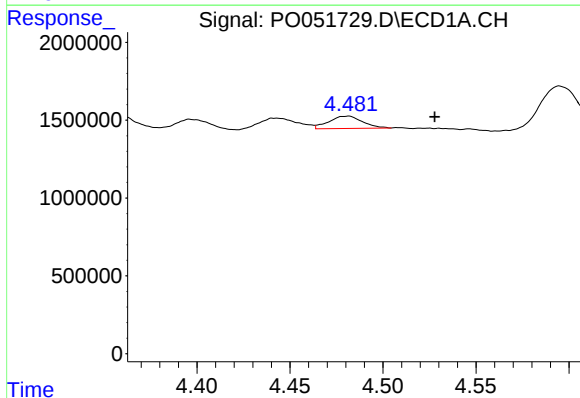
R.T.: 0.000 min  
Exp R.T.: 5.953 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



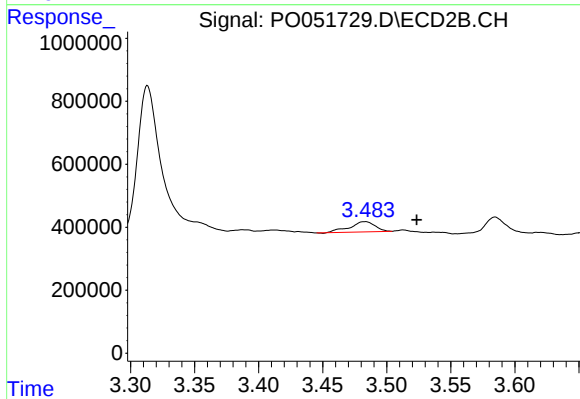
#7 AR-1016-5

R.T.: 4.687 min  
Delta R.T.: -0.065 min  
Response: 172233  
Conc: 26.39 ng/ml



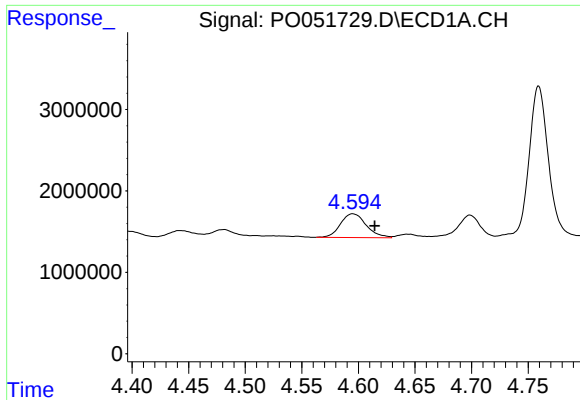
#8 AR-1221-1

R.T.: 4.482 min  
Delta R.T.: -0.046 min  
Response: 997729  
Conc: 140.33 ng/ml



#8 AR-1221-1

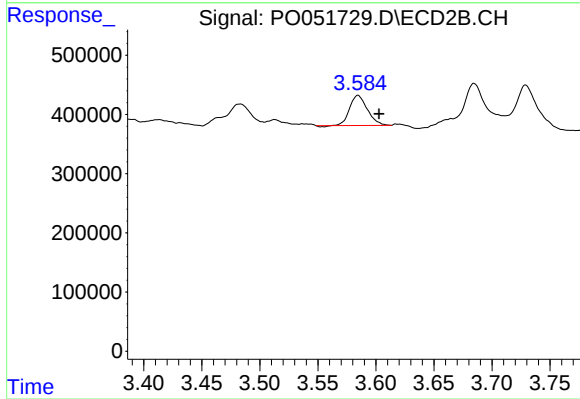
R.T.: 3.484 min  
Delta R.T.: -0.040 min  
Response: 450355  
Conc: 200.25 ng/ml



#9 AR-1221-2

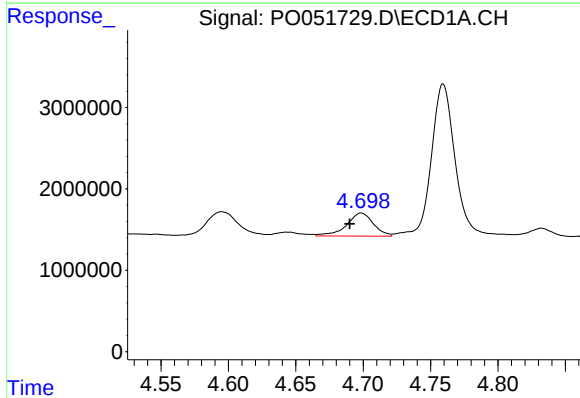
R.T.: 4.595 min  
Delta R.T.: -0.020 min  
Response: 4634291  
Conc: 884.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



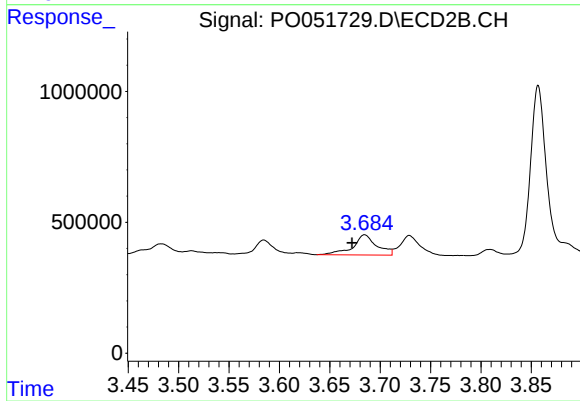
#9 AR-1221-2

R.T.: 3.585 min  
Delta R.T.: -0.018 min  
Response: 538709  
Conc: 310.69 ng/ml



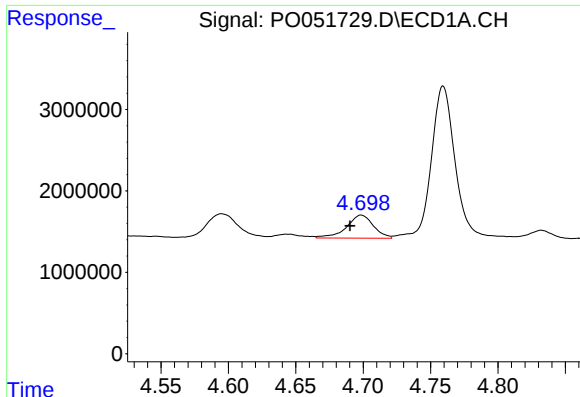
#10 AR-1221-3

R.T.: 4.699 min  
Delta R.T.: 0.008 min  
Response: 3954095  
Conc: 239.87 ng/ml



#10 AR-1221-3

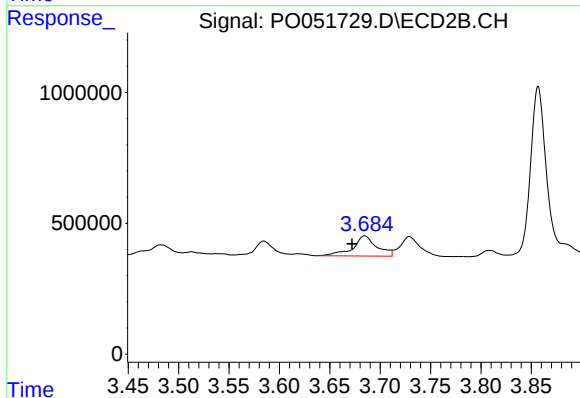
R.T.: 3.684 min  
Delta R.T.: 0.012 min  
Response: 1261937  
Conc: 229.64 ng/ml



#11 AR-1232-1

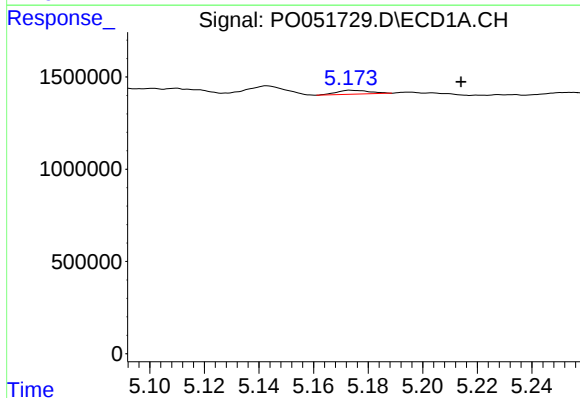
R.T.: 4.699 min  
Delta R.T.: 0.008 min  
Response: 3954095  
Conc: 297.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



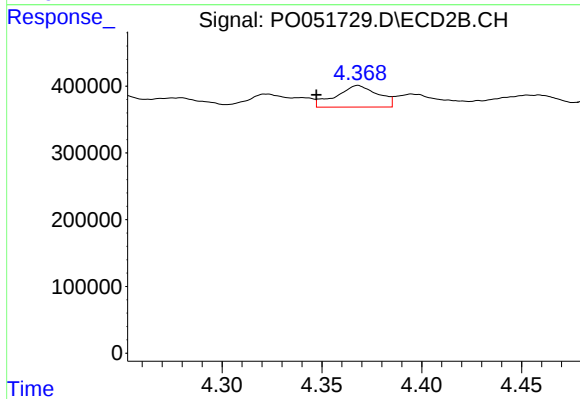
#11 AR-1232-1

R.T.: 3.684 min  
Delta R.T.: 0.013 min  
Response: 1261937  
Conc: 272.53 ng/ml



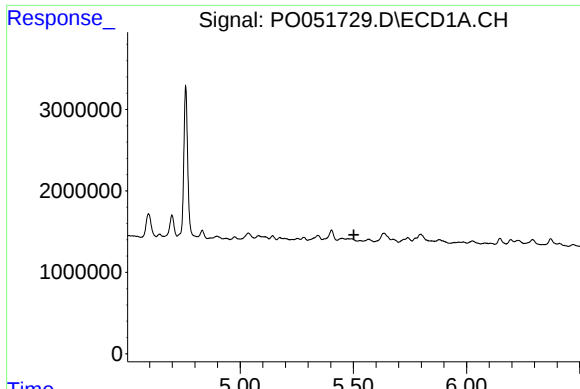
#12 AR-1232-2

R.T.: 5.174 min  
Delta R.T.: -0.040 min  
Response: 179219  
Conc: 24.67 ng/ml



#12 AR-1232-2

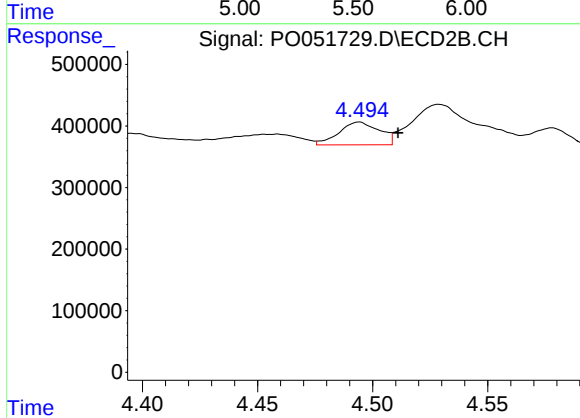
R.T.: 4.368 min  
Delta R.T.: 0.021 min  
Response: 468783  
Conc: 87.53 ng/ml



#13 AR-1232-3

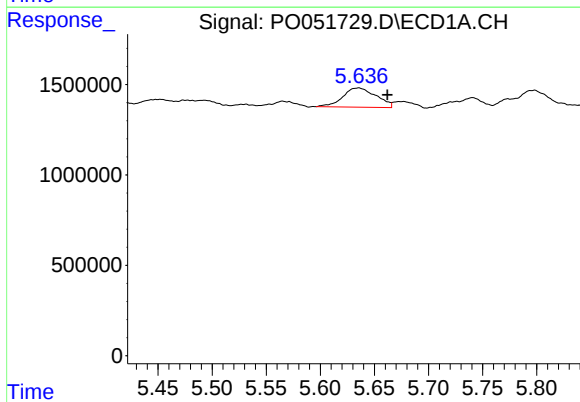
R.T.: 0.000 min  
Exp R.T.: 5.502 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



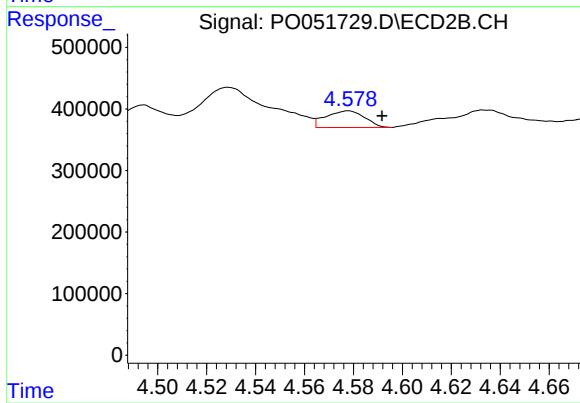
#13 AR-1232-3

R.T.: 4.494 min  
Delta R.T.: -0.017 min  
Response: 453086  
Conc: 173.34 ng/ml



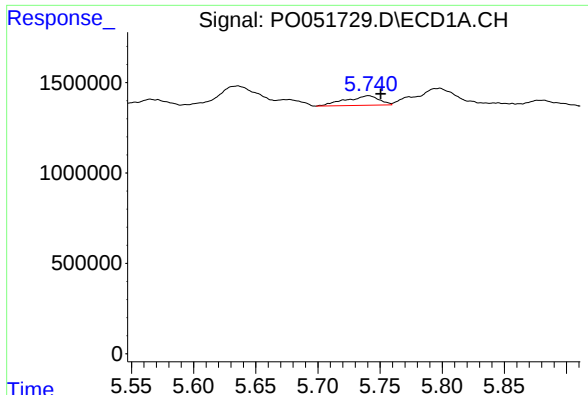
#14 AR-1232-4

R.T.: 5.636 min  
Delta R.T.: -0.026 min  
Response: 2290250  
Conc: 321.68 ng/ml



#14 AR-1232-4

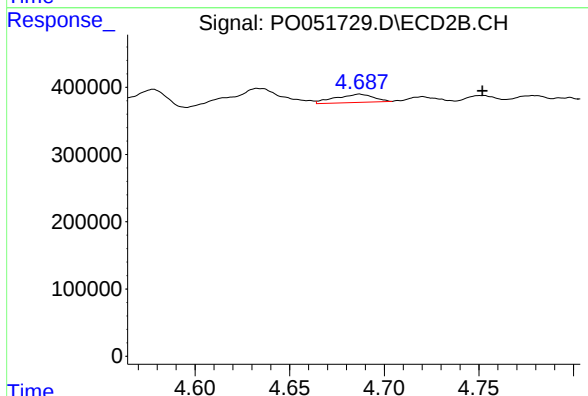
R.T.: 4.578 min  
Delta R.T.: -0.014 min  
Response: 298952  
Conc: 135.64 ng/ml



#15 AR-1232-5

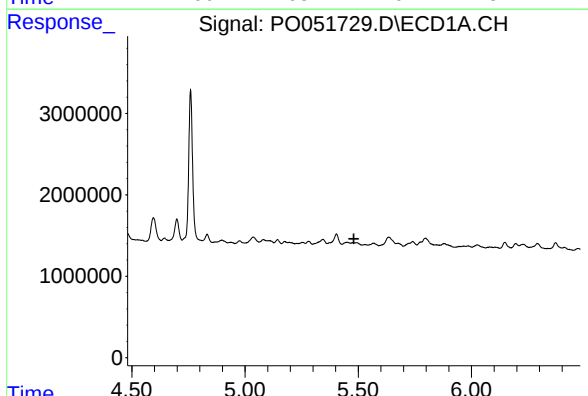
R.T.: 5.741 min  
Delta R.T.: -0.010 min  
Response: 993656  
Conc: 201.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



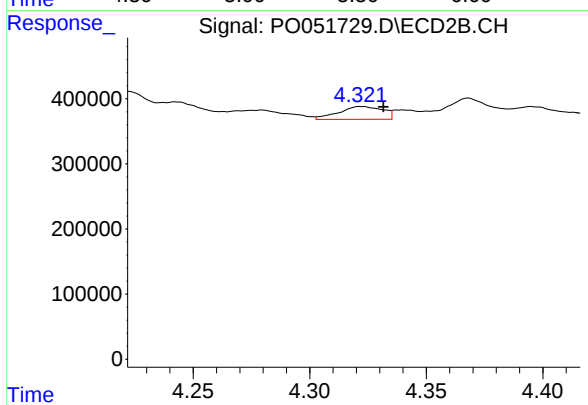
#15 AR-1232-5

R.T.: 4.687 min  
Delta R.T.: -0.065 min  
Response: 172233  
Conc: 68.04 ng/ml



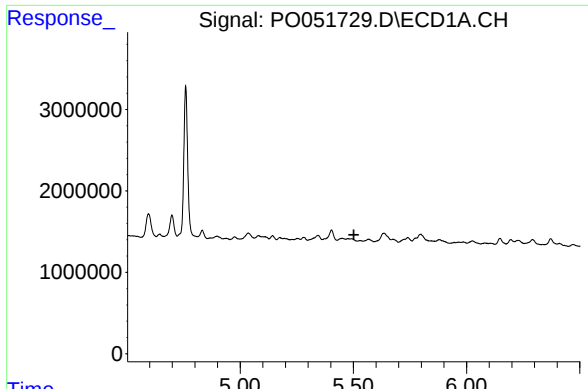
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.480 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

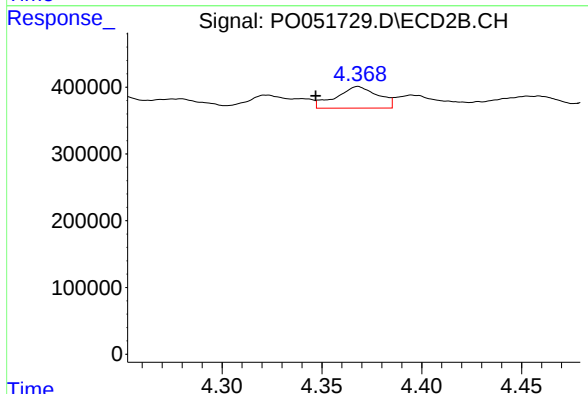
R.T.: 4.321 min  
Delta R.T.: -0.010 min  
Response: 259184  
Conc: 43.68 ng/ml



#17 AR-1242-2

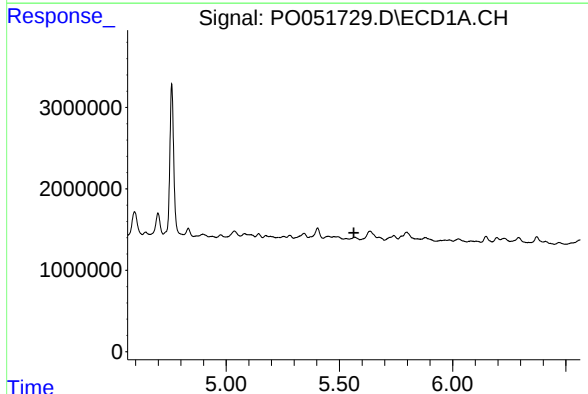
R.T.: 0.000 min  
Exp R.T. : 5.502 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



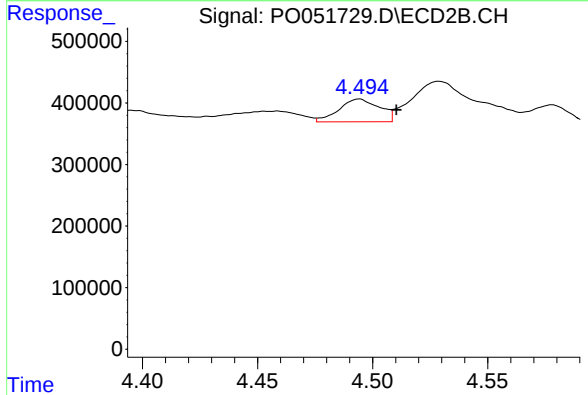
#17 AR-1242-2

R.T.: 4.368 min  
Delta R.T.: 0.021 min  
Response: 468783  
Conc: 46.97 ng/ml



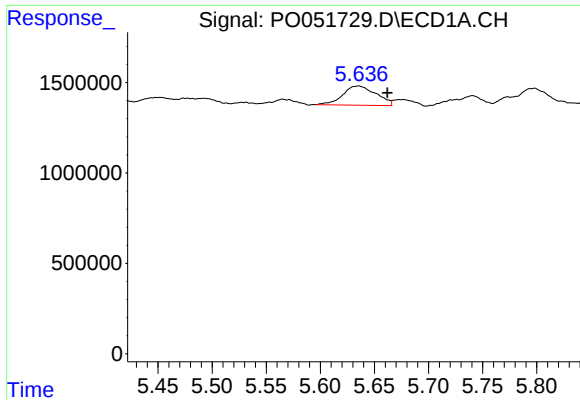
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.564 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

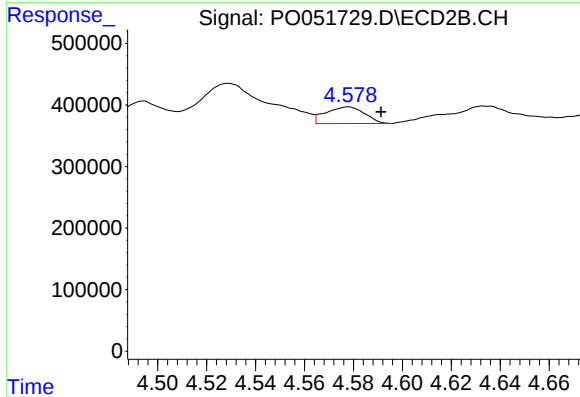
R.T.: 4.494 min  
Delta R.T.: -0.016 min  
Response: 453086  
Conc: 91.35 ng/ml



#19 AR-1242-4

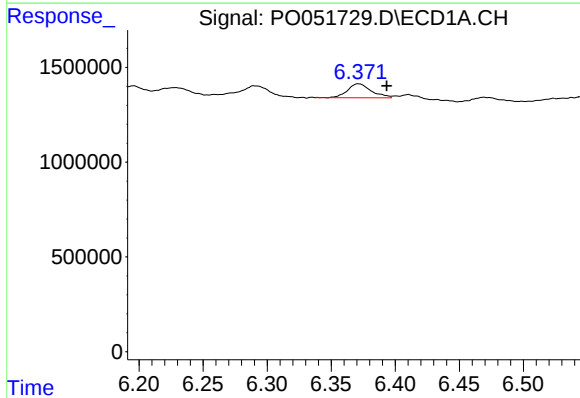
R.T.: 5.636 min  
Delta R.T.: -0.026 min  
Response: 2290250  
Conc: 173.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



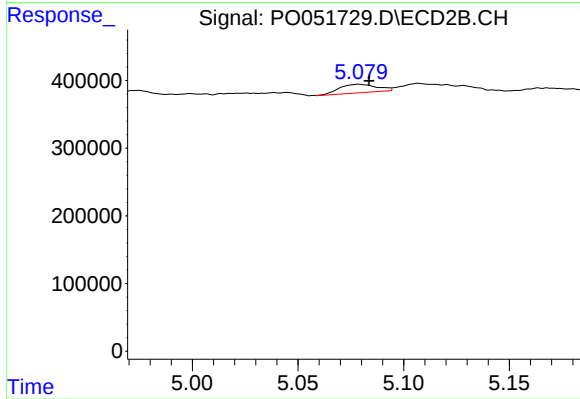
#19 AR-1242-4

R.T.: 4.578 min  
Delta R.T.: -0.013 min  
Response: 298952  
Conc: 63.09 ng/ml



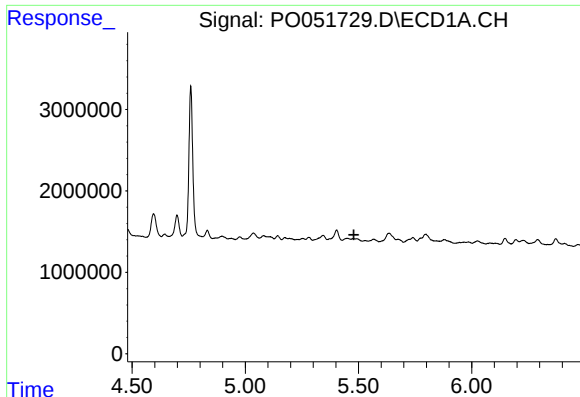
#20 AR-1242-5

R.T.: 6.371 min  
Delta R.T.: -0.022 min  
Response: 965618  
Conc: 72.25 ng/ml



#20 AR-1242-5

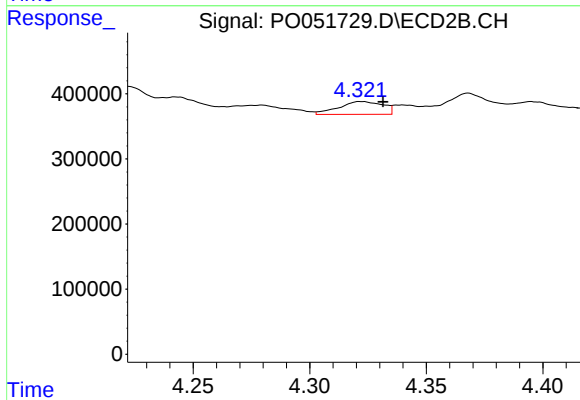
R.T.: 5.079 min  
Delta R.T.: -0.005 min  
Response: 155073  
Conc: 25.73 ng/ml



#21 AR-1248-1

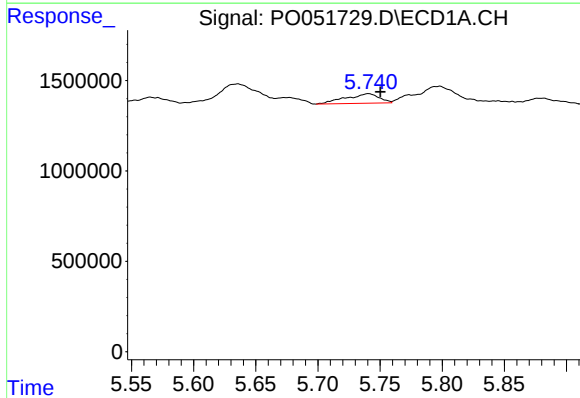
R.T.: 0.000 min  
Exp R.T.: 5.480 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



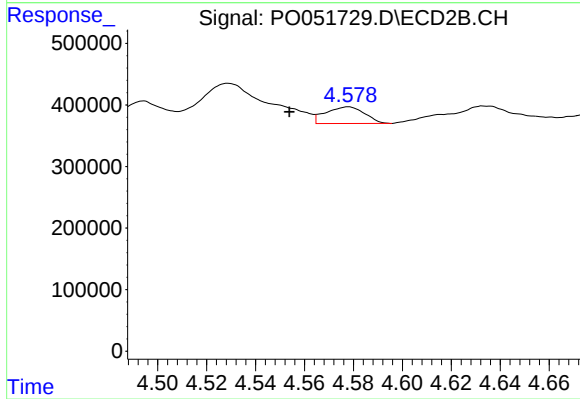
#21 AR-1248-1

R.T.: 4.321 min  
Delta R.T.: -0.010 min  
Response: 259184  
Conc: 48.11 ng/ml



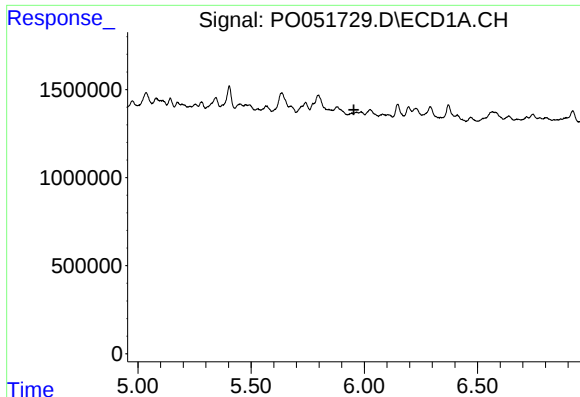
#22 AR-1248-2

R.T.: 5.741 min  
Delta R.T.: -0.009 min  
Response: 993656  
Conc: 46.74 ng/ml



#22 AR-1248-2

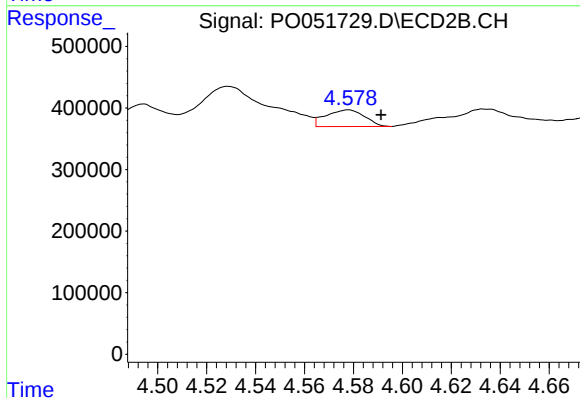
R.T.: 4.578 min  
Delta R.T.: 0.024 min  
Response: 298952  
Conc: 37.89 ng/ml



#23 AR-1248-3

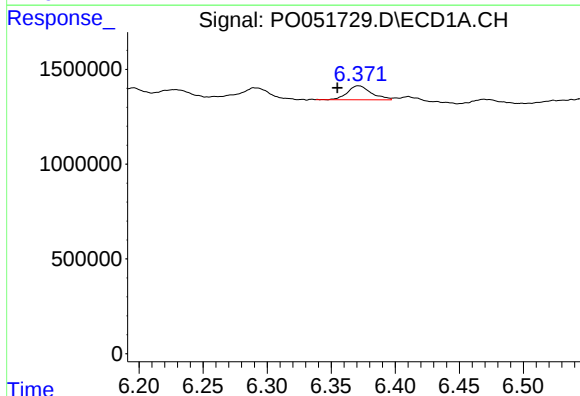
R.T.: 0.000 min  
Exp R.T.: 5.954 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



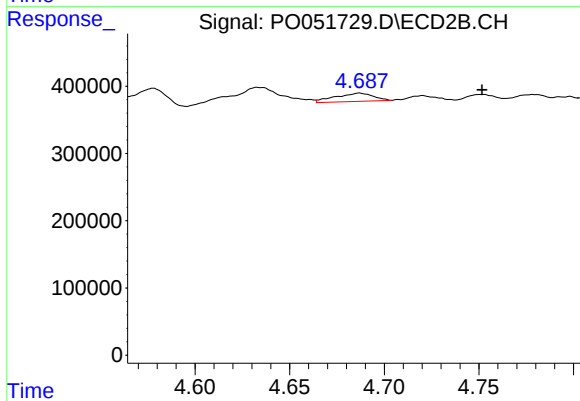
#23 AR-1248-3

R.T.: 4.578 min  
Delta R.T.: -0.013 min  
Response: 298952  
Conc: 38.13 ng/ml



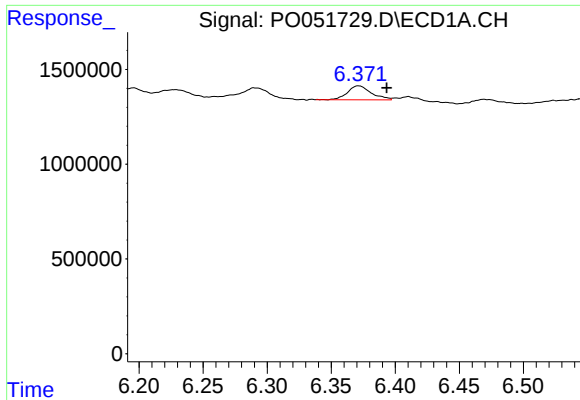
#24 AR-1248-4

R.T.: 6.371 min  
Delta R.T.: 0.016 min  
Response: 965618  
Conc: 36.53 ng/ml



#24 AR-1248-4

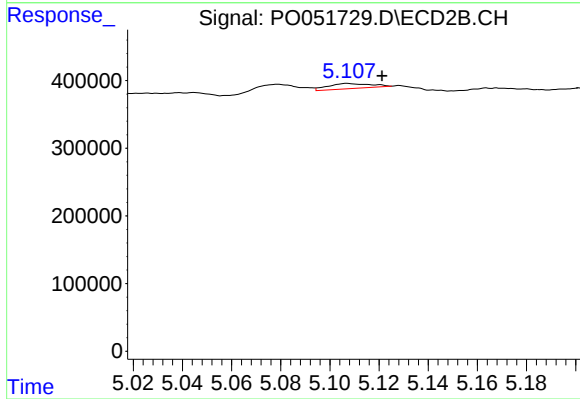
R.T.: 4.687 min  
Delta R.T.: -0.065 min  
Response: 172233  
Conc: 17.75 ng/ml



#25 AR-1248-5

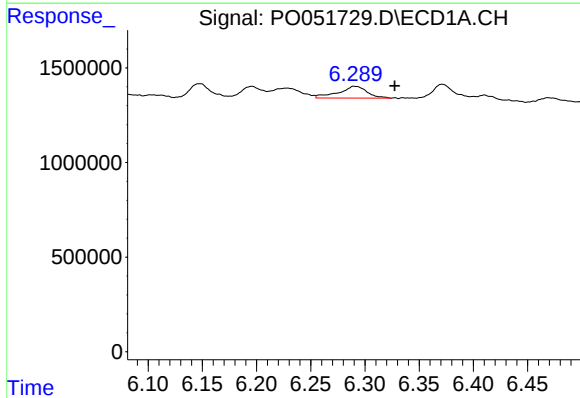
R.T.: 6.371 min  
Delta R.T.: -0.022 min  
Response: 965618  
Conc: 38.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



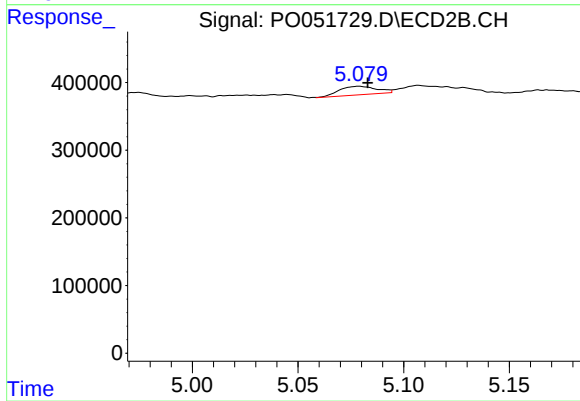
#25 AR-1248-5

R.T.: 5.107 min  
Delta R.T.: -0.014 min  
Response: 89963  
Conc: 9.53 ng/ml



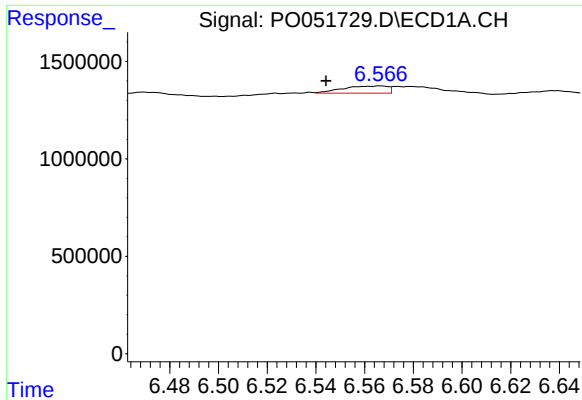
#26 AR-1254-1

R.T.: 6.290 min  
Delta R.T.: -0.038 min  
Response: 1140768  
Conc: 46.19 ng/ml



#26 AR-1254-1

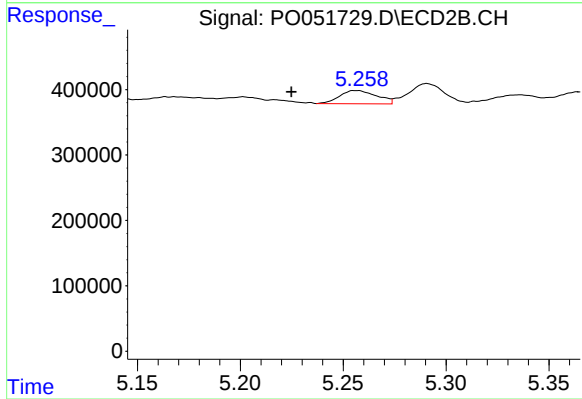
R.T.: 5.079 min  
Delta R.T.: -0.004 min  
Response: 155073  
Conc: 11.28 ng/ml



#27 AR-1254-2

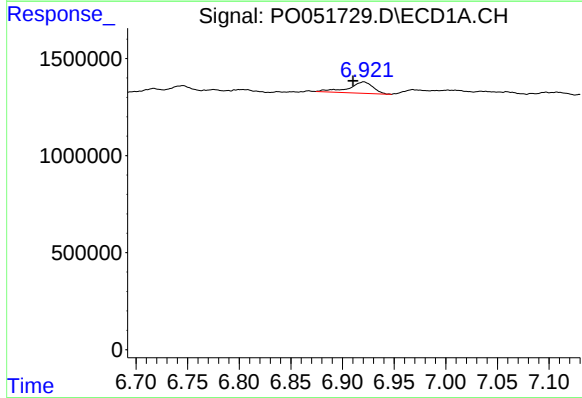
R.T.: 6.566 min  
Delta R.T.: 0.022 min  
Response: 474966  
Conc: 12.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



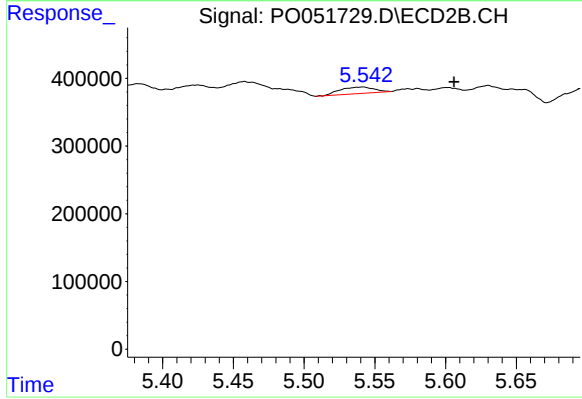
#27 AR-1254-2

R.T.: 5.257 min  
Delta R.T.: 0.033 min  
Response: 255152  
Conc: 21.38 ng/ml



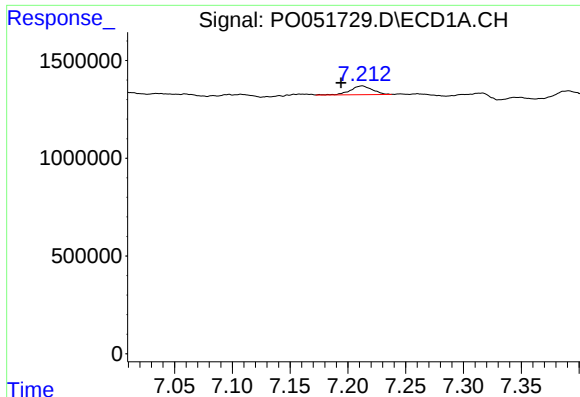
#28 AR-1254-3

R.T.: 6.921 min  
Delta R.T.: 0.011 min  
Response: 954008  
Conc: 23.67 ng/ml



#28 AR-1254-3

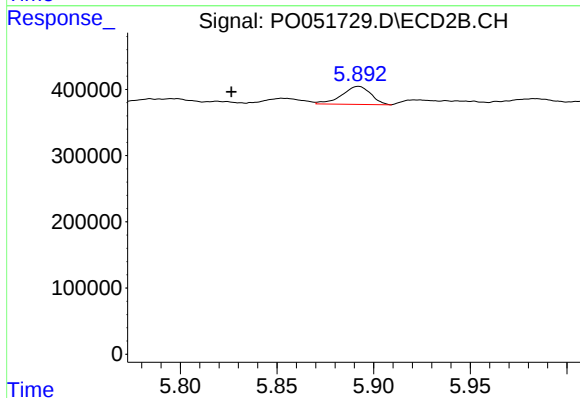
R.T.: 5.542 min  
Delta R.T.: -0.064 min  
Response: 163200  
Conc: 8.69 ng/ml



#29 AR-1254-4

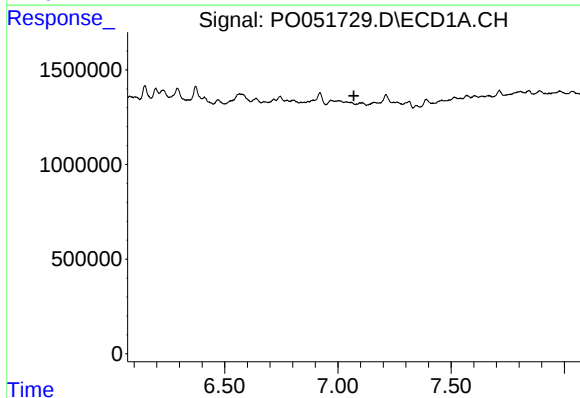
R.T.: 7.212 min  
Delta R.T.: 0.019 min  
Response: 591232  
Conc: 18.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



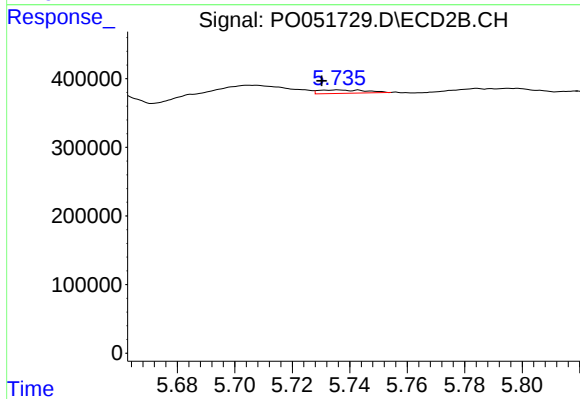
#29 AR-1254-4

R.T.: 5.892 min  
Delta R.T.: 0.066 min  
Response: 284933  
Conc: 24.98 ng/ml



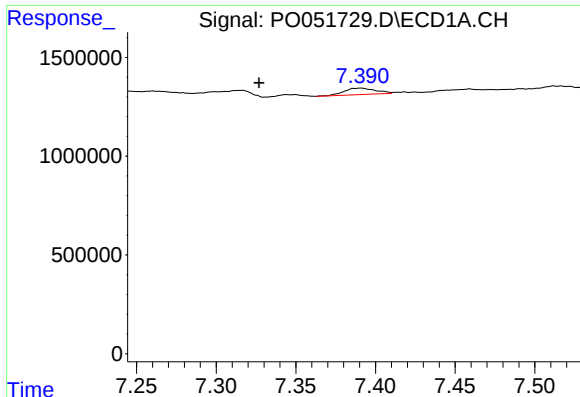
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.070 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

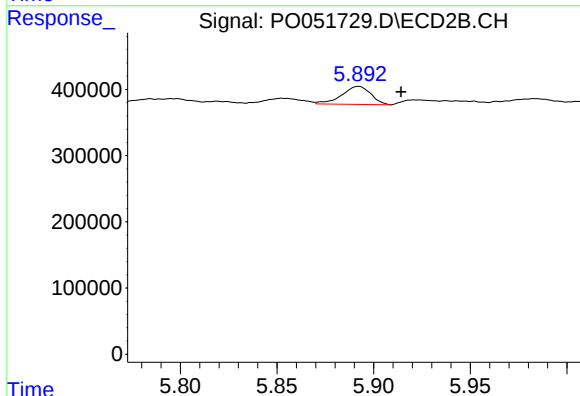
R.T.: 5.736 min  
Delta R.T.: 0.006 min  
Response: 57780  
Conc: 4.26 ng/ml



#32 AR-1260-2

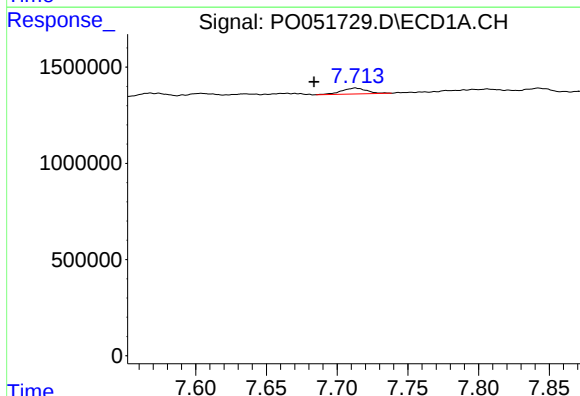
R.T.: 7.391 min  
Delta R.T.: 0.064 min  
Response: 448555  
Conc: 10.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



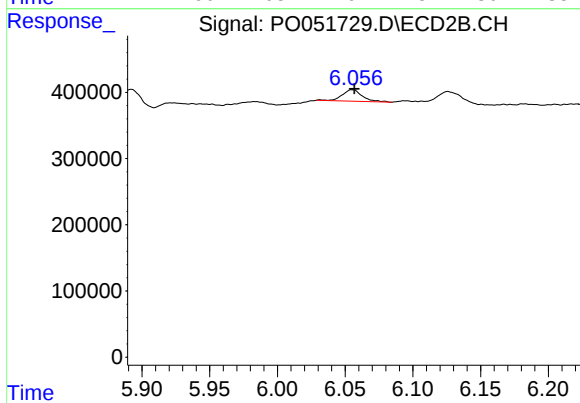
#32 AR-1260-2

R.T.: 5.892 min  
Delta R.T.: -0.022 min  
Response: 284933  
Conc: 16.42 ng/ml



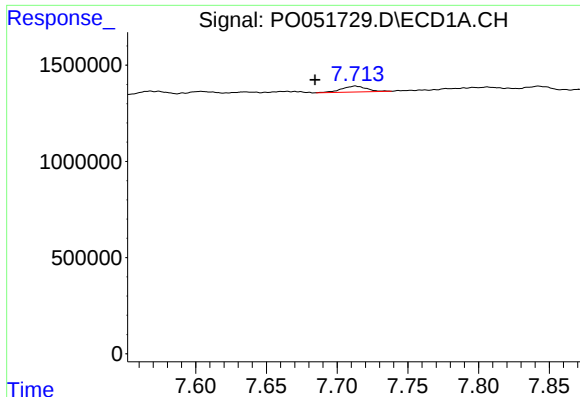
#33 AR-1260-3

R.T.: 7.713 min  
Delta R.T.: 0.029 min  
Response: 382953  
Conc: 13.18 ng/ml



#33 AR-1260-3

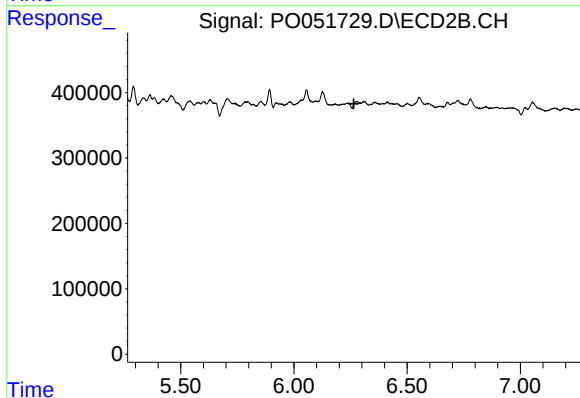
R.T.: 6.056 min  
Delta R.T.: -0.001 min  
Response: 177792  
Conc: 11.61 ng/ml



#36 AR-1262-1

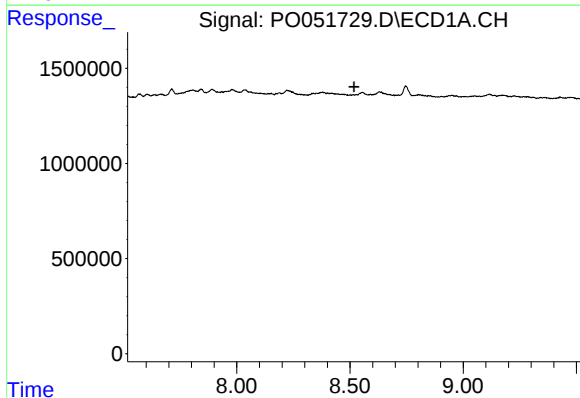
R.T.: 7.713 min  
Delta R.T.: 0.029 min  
Response: 382953  
Conc: 8.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



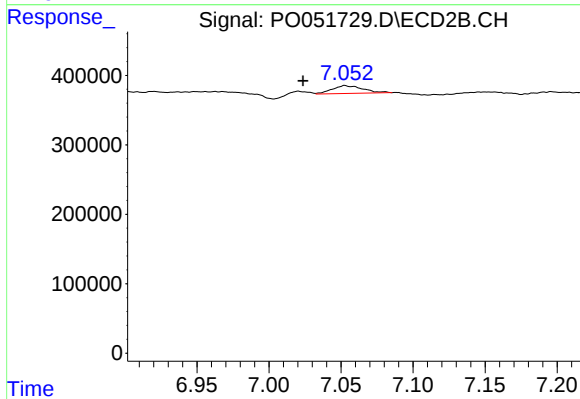
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 6.265 min  
Response: 0  
Conc: N.D.



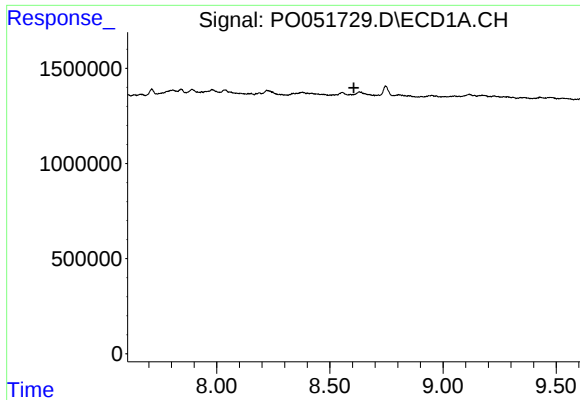
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.518 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

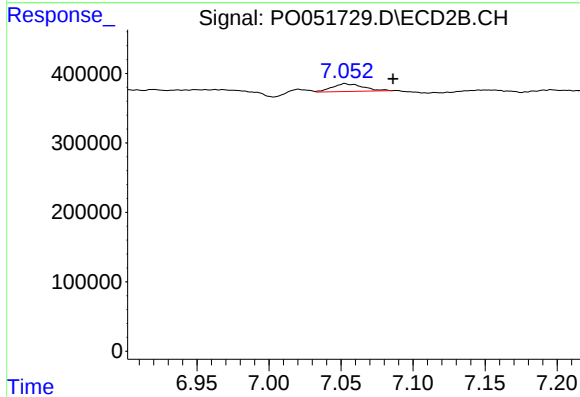
R.T.: 7.053 min  
Delta R.T.: 0.029 min  
Response: 166662  
Conc: 13.35 ng/ml



#39 AR-1262-4

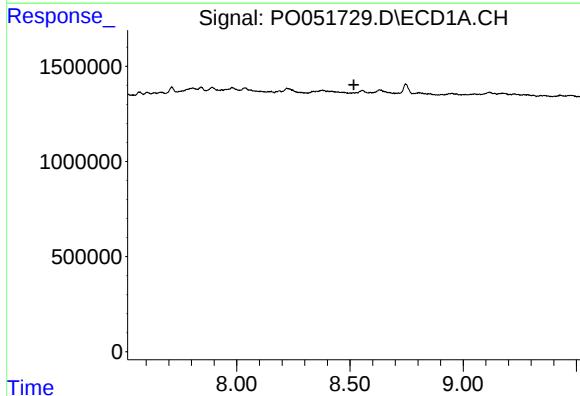
R.T.: 0.000 min  
Exp R.T. : 8.606 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



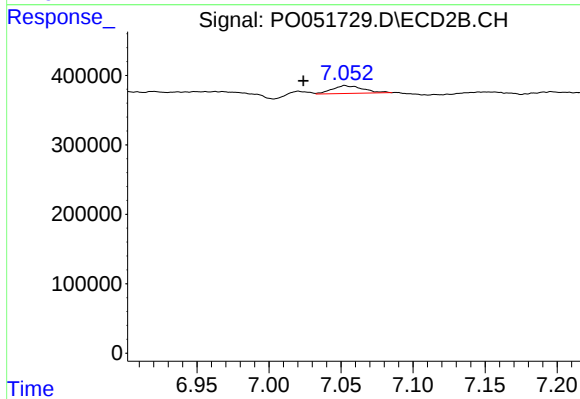
#39 AR-1262-4

R.T.: 7.053 min  
Delta R.T.: -0.033 min  
Response: 166662  
Conc: 7.64 ng/ml



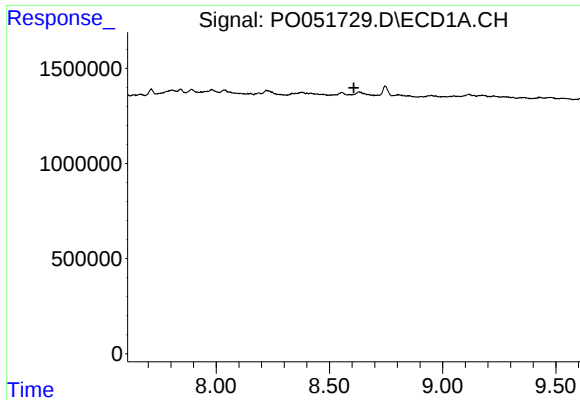
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.518 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

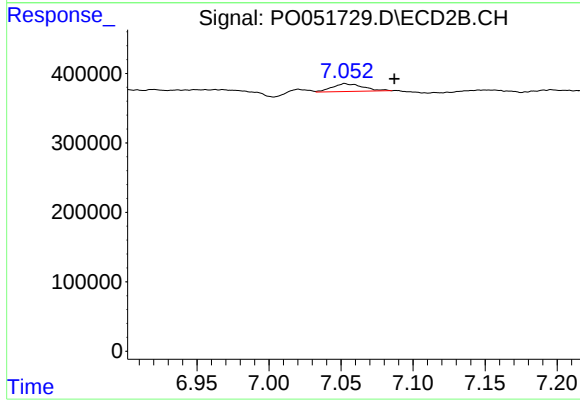
R.T.: 7.053 min  
Delta R.T.: 0.029 min  
Response: 166662  
Conc: 4.22 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.608 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#42 AR-1268-2

R.T.: 7.053 min  
Delta R.T.: -0.034 min  
Response: 166662  
Conc: 4.52 ng/ml