

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR063022\  
 Data File : PR055108.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jun 2022 21:42  
 Operator : AJ\MA  
 Sample : N3214-07  
 Misc : AR1232 LOD 25 PPB  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 30 03:20:50 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR062722.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Jun 27 17:05:06 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 3.641  | 2.912 | 79516320 | 36772862 | 21.861  | 22.028    |
| 2)                          | SA Decachlor... | 9.530  | 8.138 | 34009674 | 32986844 | 23.586  | 23.478    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 4.862  | 4.023 | 1264587  | 662276   | 12.363  | 11.551    |
| 4)                          | L1 AR-1016-2    | 4.884  | 4.041 | 1743694  | 821342   | 12.024  | 10.515    |
| 5)                          | L1 AR-1016-3    | 4.948  | 4.218 | 1075119  | 582815   | 12.310  | 13.697    |
| 6)                          | L1 AR-1016-4    | 5.050  | 4.269 | 998562   | 372698   | 13.766  | 11.278    |
| 7)                          | L1 AR-1016-5    | 5.365  | 4.484 | 778567   | 490502   | 12.072  | 11.610    |
| 8)                          | L2 AR-1221-1    | 3.855  | 3.136 | 5165548  | 360335   | 115.230 | 17.430 #  |
| 9)                          | L2 AR-1221-2    | 3.951  | 3.213 | 1650609  | 1654899  | 50.317  | 105.015 # |
| 10)                         | L2 AR-1221-3    | 4.029  | 3.298 | 1924662  | 972134   | 19.043  | 20.124    |
| 11)                         | L3 AR-1232-1    | 4.029  | 3.298 | 1924662  | 972134   | 20.750  | 22.015    |
| 12)                         | L3 AR-1232-2    | 4.577  | 4.041 | 1253871  | 821342   | 28.753  | 20.467 #  |
| 13)                         | L3 AR-1232-3    | 4.884  | 4.218 | 1743694  | 582815   | 22.927  | 25.216    |
| 14)                         | L3 AR-1232-4    | 5.050  | 4.310 | 998562   | 435866   | 27.979  | 23.571    |
| 15)                         | L3 AR-1232-5    | 5.154  | 4.484 | 701969   | 490502   | 25.961  | 21.873    |
| 16)                         | L4 AR-1242-1    | 4.862  | 4.023 | 1264587  | 662276   | 14.680  | 13.822    |
| 17)                         | L4 AR-1242-2    | 4.884  | 4.041 | 1743694  | 821342   | 14.371  | 12.612    |
| 18)                         | L4 AR-1242-3    | 4.948  | 4.218 | 1075119  | 582815   | 14.747  | 16.481    |
| 19)                         | L4 AR-1242-4    | 5.050  | 4.310 | 998562   | 435866   | 16.865  | 13.245    |
| 20)                         | L4 AR-1242-5    | 5.837  | 4.852 | 764624   | 519500   | 14.600  | 12.018    |
| 21)                         | L5 AR-1248-1    | 4.862  | 4.023 | 1264587  | 662276   | 18.792  | 18.524    |
| 22)                         | L5 AR-1248-2    | 5.154  | 4.269 | 701969   | 372698   | 8.533   | 7.859     |
| 23)                         | L5 AR-1248-3    | 5.365  | 4.310 | 778567   | 435866   | 8.700   | 9.162     |
| 24)                         | L5 AR-1248-4    | 5.798  | 4.484 | 645887   | 490502   | 7.285   | 8.319     |
| 25)                         | L5 AR-1248-5    | 5.837  | 4.896 | 764624   | 563169   | 8.891   | 9.748     |
| 26)                         | L6 AR-1254-1    | 5.768  | 4.852 | 662042   | 519500   | 7.111   | 5.939     |
| 27)                         | L6 AR-1254-2    | 6.004  | 0.000 | 606284   | 0        | 4.641   | N.D. #    |
| 28)                         | L6 AR-1254-3    | 6.389  | 5.427 | 662185   | 206193   | 5.242   | 1.673 #   |
| 29)                         | L6 AR-1254-4    | 6.686f | 0.000 | 498371   | 0        | 5.374   | N.D. #    |
| 35)                         | L7 AR-1260-5    | 7.802f | 0.000 | 58516    | 0        | 0.382   | N.D. #    |
| 37)                         | L8 AR-1262-2    | 7.802f | 0.000 | 58516    | 0        | 0.325   | N.D. #    |
| 38)                         | L8 AR-1262-3    | 8.132  | 6.988 | 337672   | 194416   | 2.708   | 2.533     |
| 39)                         | L8 AR-1262-4    | 8.222  | 0.000 | 530209   | 0        | 9.475   | N.D. #    |
| 41)                         | L9 AR-1268-1    | 8.132  | 6.988 | 337672   | 194416   | 1.673   | 0.892 #   |
| 42)                         | L9 AR-1268-2    | 8.222  | 0.000 | 530209   | 0        | 2.857   | N.D. #    |
| 43)                         | L9 AR-1268-3    | 8.414f | 0.000 | 279405   | 0        | 1.793   | N.D. #    |
| 45)                         | L9 AR-1268-5    | 9.224  | 7.897 | 909488   | 205908   | 1.819   | 0.387 #   |
| -----                       |                 |        |       |          |          |         |           |

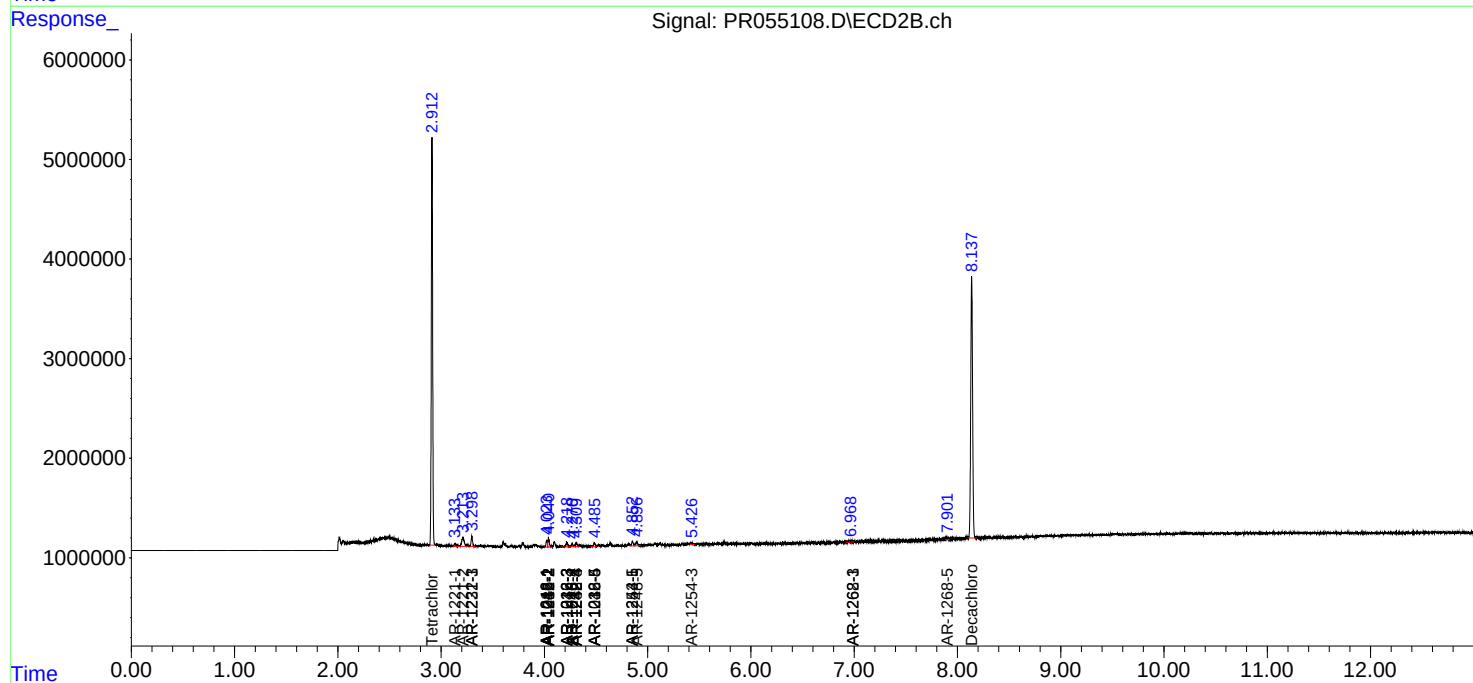
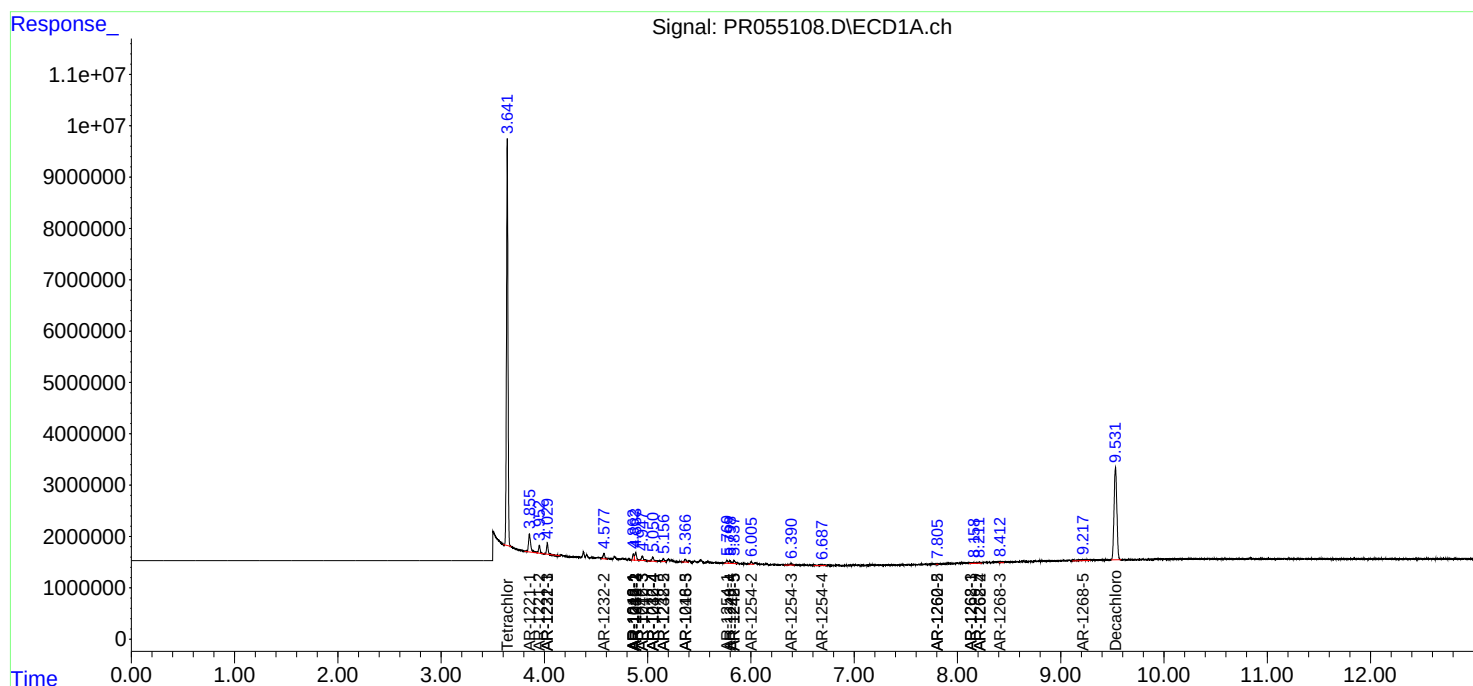
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

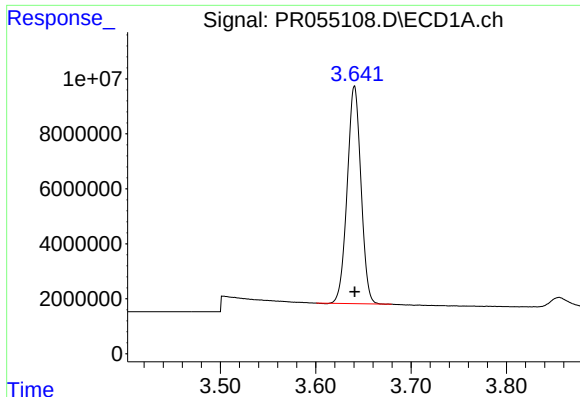
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR063022\  
Data File : PR055108.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jun 2022 21:42  
Operator : AJ\MA  
Sample : N3214-07  
Misc : AR1232 LOD 25 PPB  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 30 03:20:50 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR062722.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Jun 27 17:05:06 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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

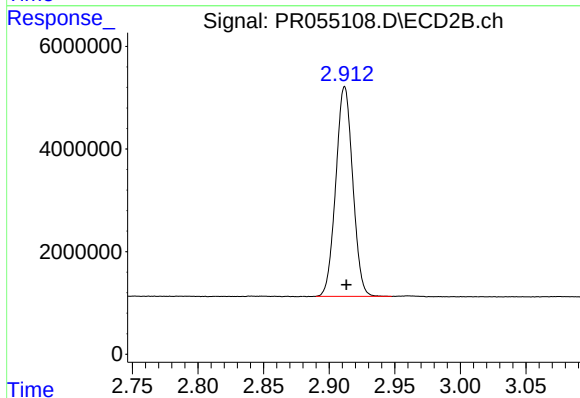




#1 Tetrachloro-m-xylene

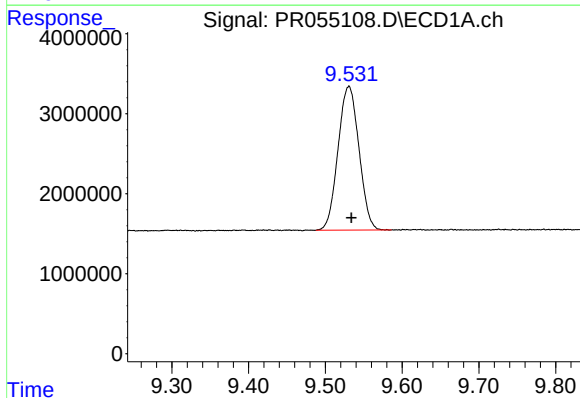
R.T.: 3.641 min  
Delta R.T.: 0.000 min  
Response: 79516320  
Conc: 21.86 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



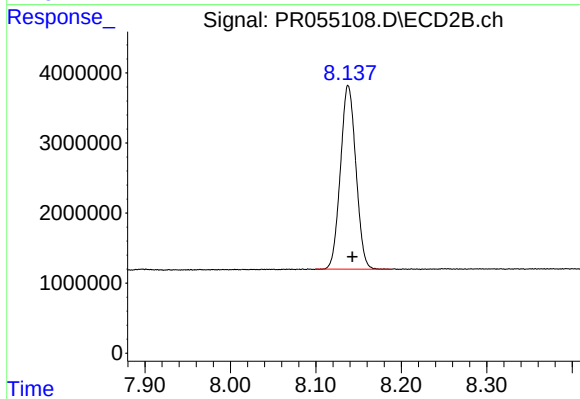
#1 Tetrachloro-m-xylene

R.T.: 2.912 min  
Delta R.T.: -0.001 min  
Response: 36772862  
Conc: 22.03 ng/ml



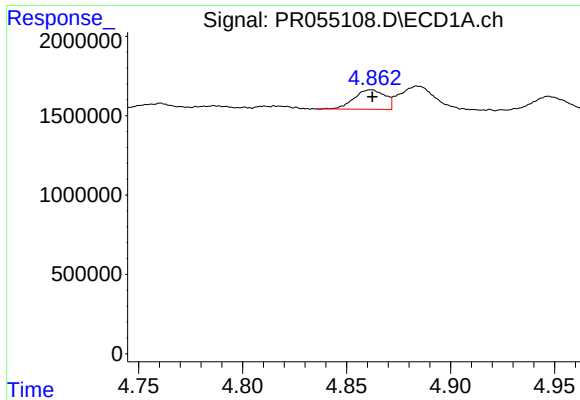
#2 Decachlorobiphenyl

R.T.: 9.530 min  
Delta R.T.: -0.004 min  
Response: 34009674  
Conc: 23.59 ng/ml



#2 Decachlorobiphenyl

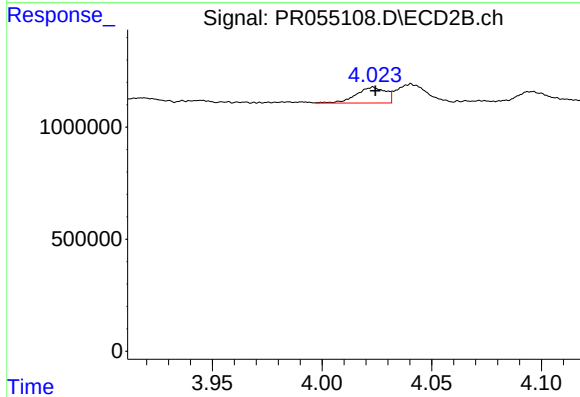
R.T.: 8.138 min  
Delta R.T.: -0.005 min  
Response: 32986844  
Conc: 23.48 ng/ml



#3 AR-1016-1

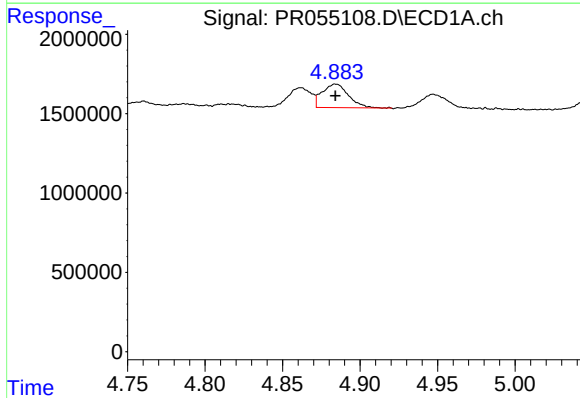
R.T.: 4.862 min  
Delta R.T.: 0.000 min  
Response: 1264587  
Conc: 12.36 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



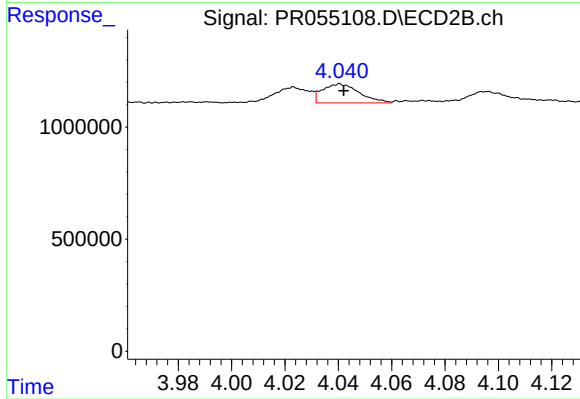
#3 AR-1016-1

R.T.: 4.023 min  
Delta R.T.: -0.001 min  
Response: 662276  
Conc: 11.55 ng/ml



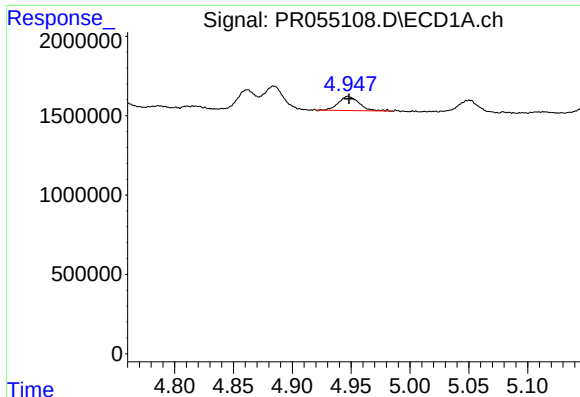
#4 AR-1016-2

R.T.: 4.884 min  
Delta R.T.: 0.000 min  
Response: 1743694  
Conc: 12.02 ng/ml



#4 AR-1016-2

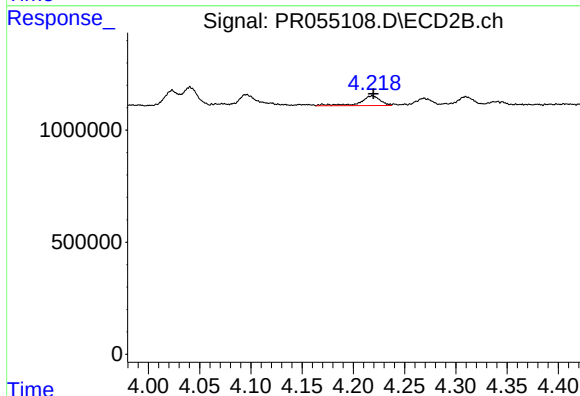
R.T.: 4.041 min  
Delta R.T.: -0.001 min  
Response: 821342  
Conc: 10.51 ng/ml



#5 AR-1016-3

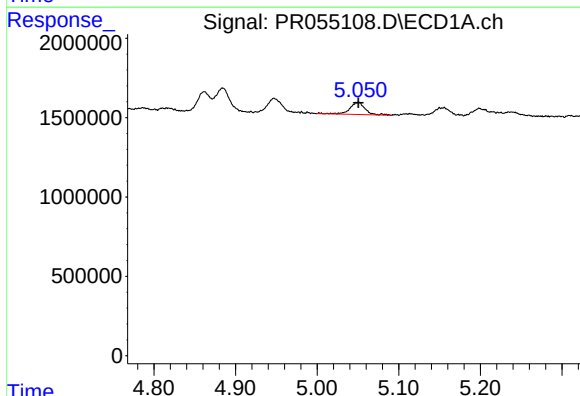
R.T.: 4.948 min  
Delta R.T.: 0.000 min  
Response: 1075119  
Conc: 12.31 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



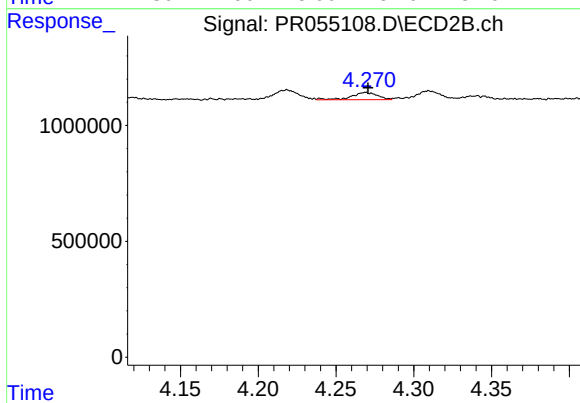
#5 AR-1016-3

R.T.: 4.218 min  
Delta R.T.: -0.001 min  
Response: 582815  
Conc: 13.70 ng/ml



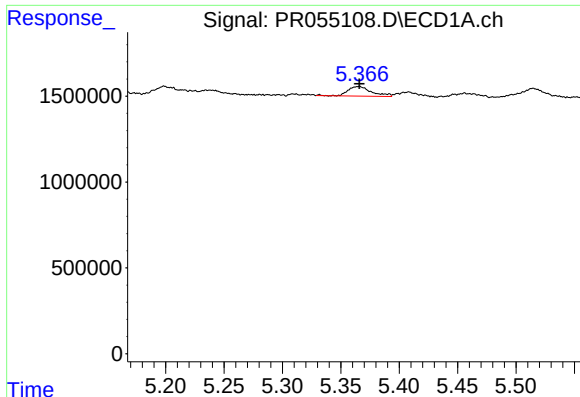
#6 AR-1016-4

R.T.: 5.050 min  
Delta R.T.: 0.000 min  
Response: 998562  
Conc: 13.77 ng/ml



#6 AR-1016-4

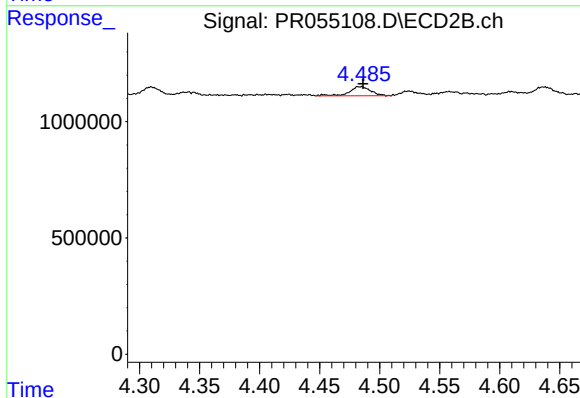
R.T.: 4.269 min  
Delta R.T.: -0.002 min  
Response: 372698  
Conc: 11.28 ng/ml



#7 AR-1016-5

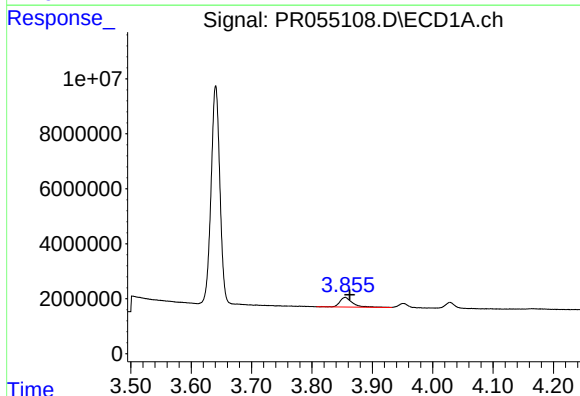
R.T.: 5.365 min  
Delta R.T.: 0.000 min  
Response: 778567  
Conc: 12.07 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



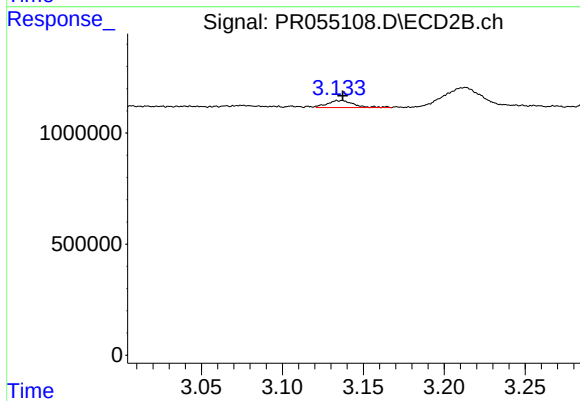
#7 AR-1016-5

R.T.: 4.484 min  
Delta R.T.: -0.002 min  
Response: 490502  
Conc: 11.61 ng/ml



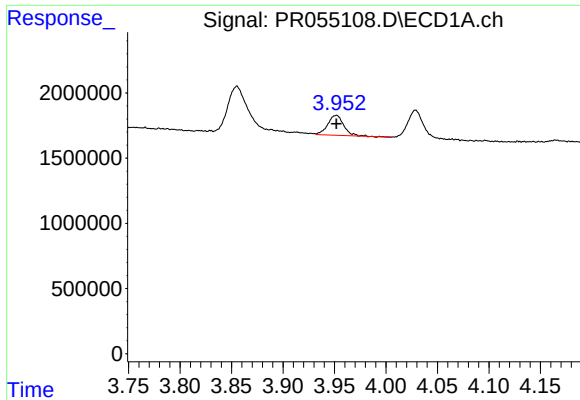
#8 AR-1221-1

R.T.: 3.855 min  
Delta R.T.: -0.008 min  
Response: 5165548  
Conc: 115.23 ng/ml



#8 AR-1221-1

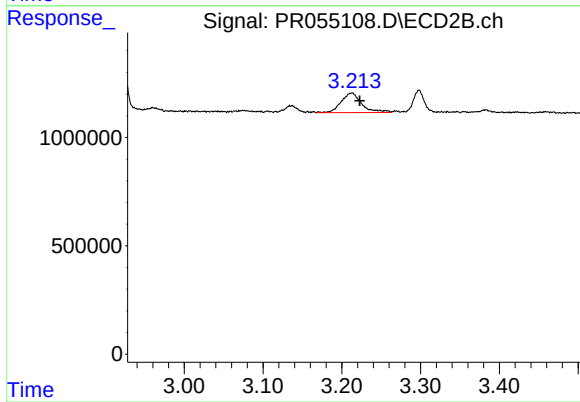
R.T.: 3.136 min  
Delta R.T.: 0.000 min  
Response: 360335  
Conc: 17.43 ng/ml



#9 AR-1221-2

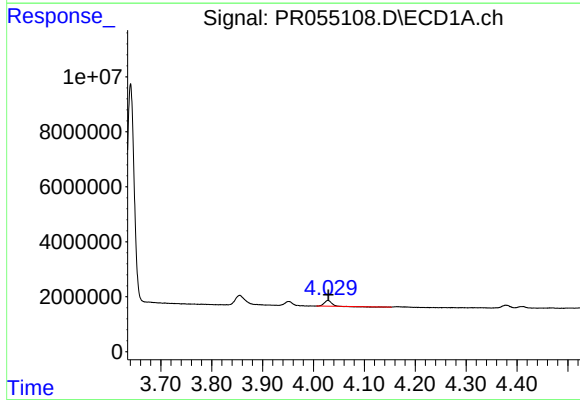
R.T.: 3.951 min  
Delta R.T.: 0.000 min  
Response: 1650609  
Conc: 50.32 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



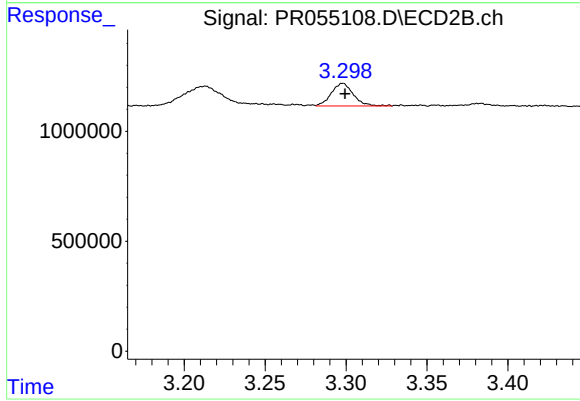
#9 AR-1221-2

R.T.: 3.213 min  
Delta R.T.: -0.010 min  
Response: 1654899  
Conc: 105.02 ng/ml



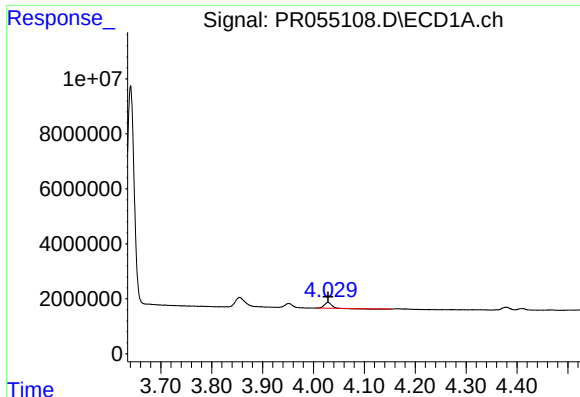
#10 AR-1221-3

R.T.: 4.029 min  
Delta R.T.: 0.000 min  
Response: 1924662  
Conc: 19.04 ng/ml



#10 AR-1221-3

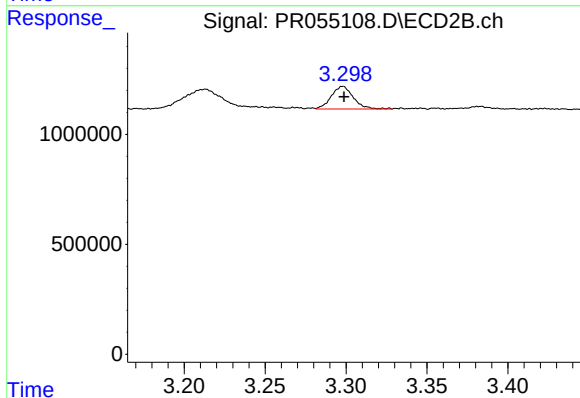
R.T.: 3.298 min  
Delta R.T.: -0.001 min  
Response: 972134  
Conc: 20.12 ng/ml



#11 AR-1232-1

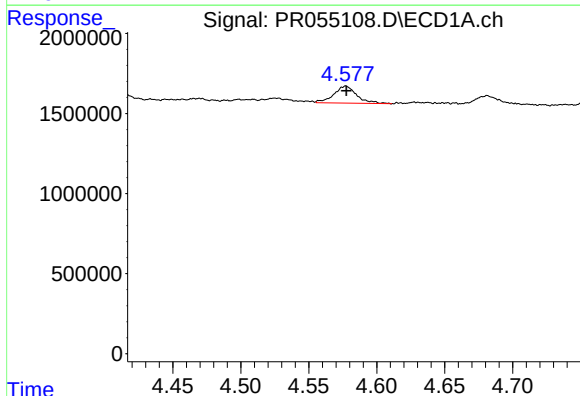
R.T.: 4.029 min  
Delta R.T.: 0.000 min  
Response: 1924662  
Conc: 20.75 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



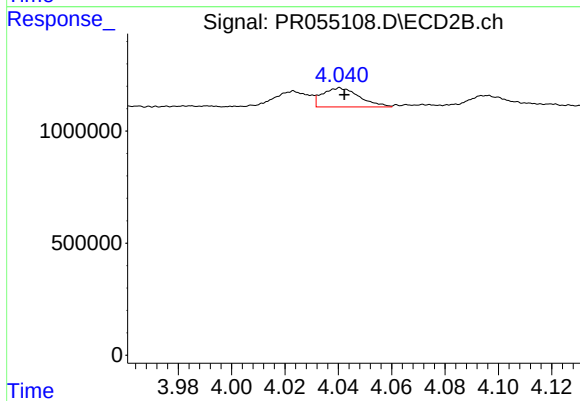
#11 AR-1232-1

R.T.: 3.298 min  
Delta R.T.: 0.000 min  
Response: 972134  
Conc: 22.01 ng/ml



#12 AR-1232-2

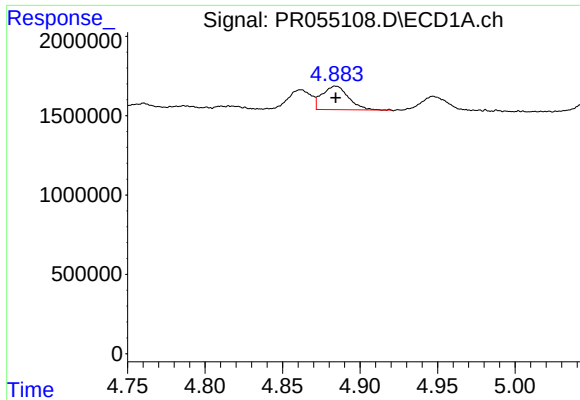
R.T.: 4.577 min  
Delta R.T.: 0.000 min  
Response: 1253871  
Conc: 28.75 ng/ml



#12 AR-1232-2

R.T.: 4.041 min  
Delta R.T.: -0.002 min  
Response: 821342  
Conc: 20.47 ng/ml

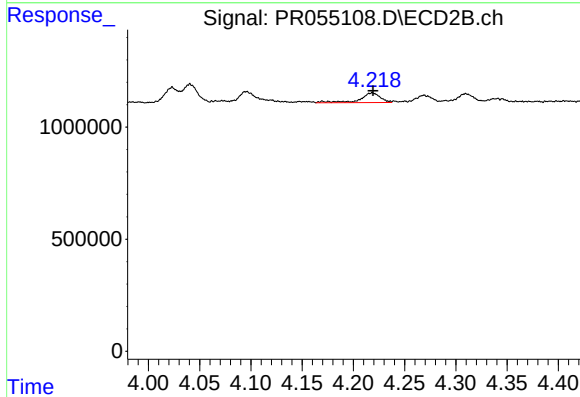




#13 AR-1232-3

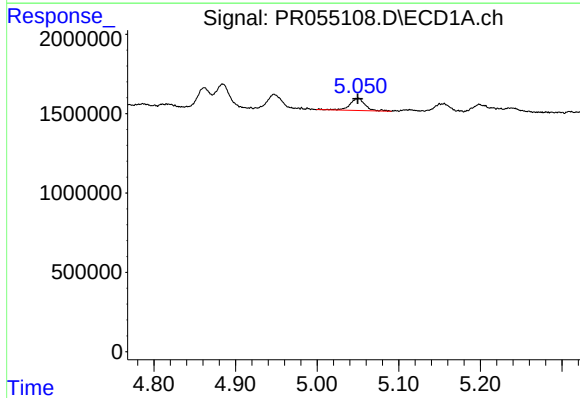
R.T.: 4.884 min  
Delta R.T.: 0.000 min  
Response: 1743694  
Conc: 22.93 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



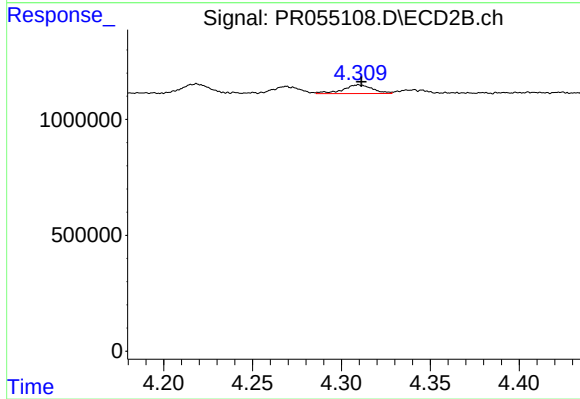
#13 AR-1232-3

R.T.: 4.218 min  
Delta R.T.: 0.000 min  
Response: 582815  
Conc: 25.22 ng/ml



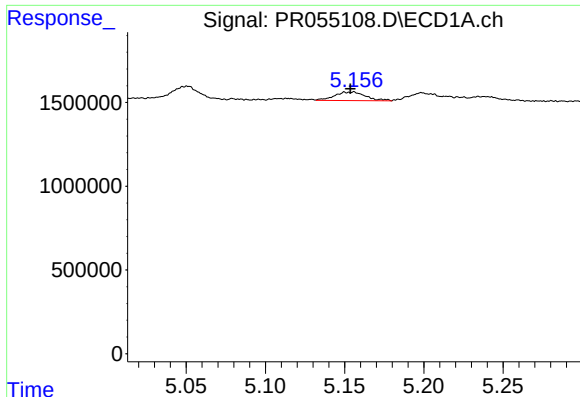
#14 AR-1232-4

R.T.: 5.050 min  
Delta R.T.: 0.000 min  
Response: 998562  
Conc: 27.98 ng/ml



#14 AR-1232-4

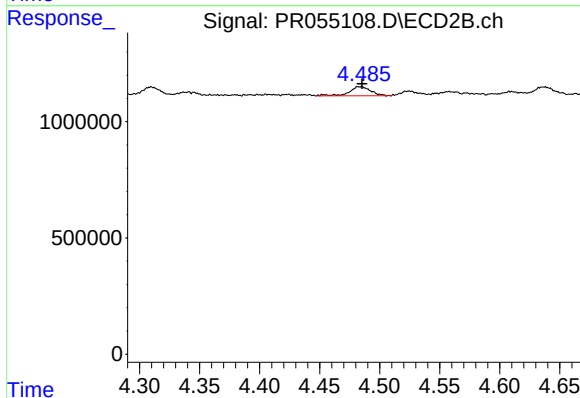
R.T.: 4.310 min  
Delta R.T.: -0.001 min  
Response: 435866  
Conc: 23.57 ng/ml



#15 AR-1232-5

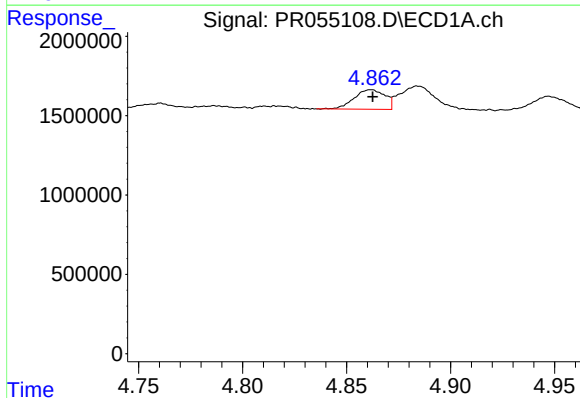
R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 701969  
Conc: 25.96 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



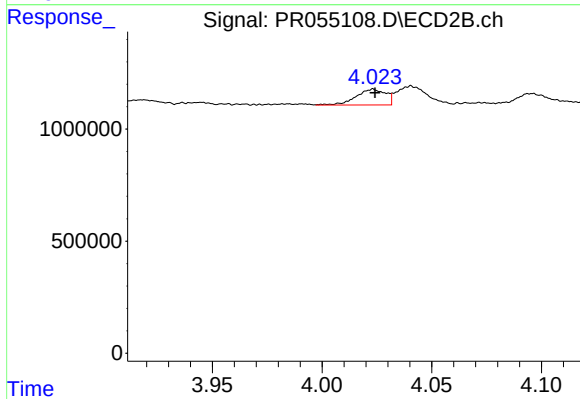
#15 AR-1232-5

R.T.: 4.484 min  
Delta R.T.: -0.002 min  
Response: 490502  
Conc: 21.87 ng/ml



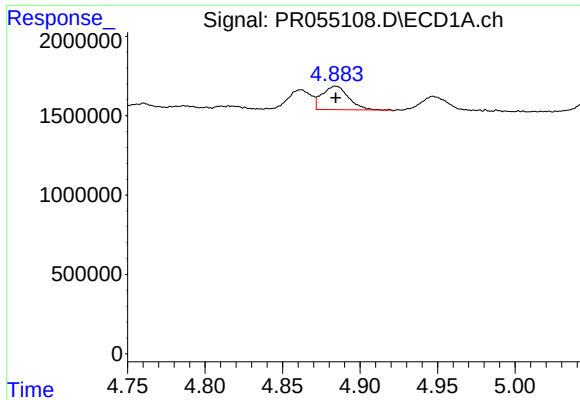
#16 AR-1242-1

R.T.: 4.862 min  
Delta R.T.: 0.000 min  
Response: 1264587  
Conc: 14.68 ng/ml



#16 AR-1242-1

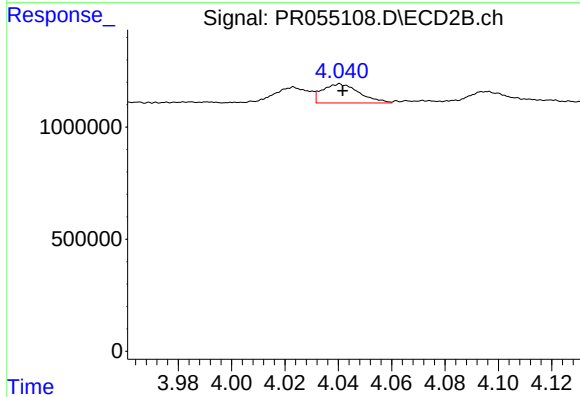
R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 662276  
Conc: 13.82 ng/ml



#17 AR-1242-2

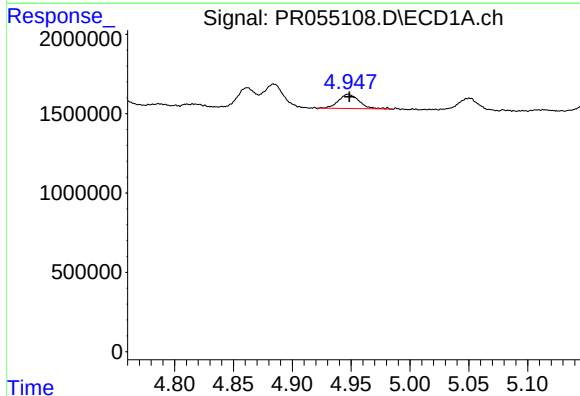
R.T.: 4.884 min  
Delta R.T.: 0.000 min  
Response: 1743694  
Conc: 14.37 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



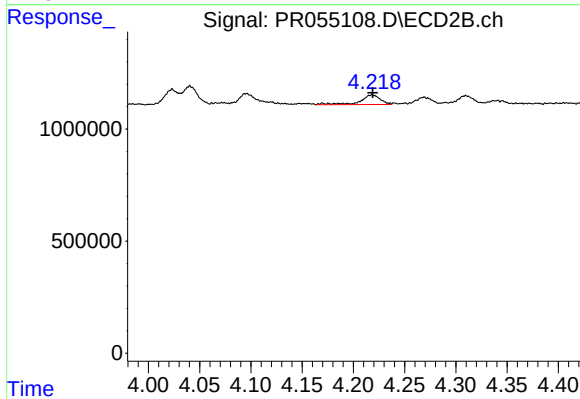
#17 AR-1242-2

R.T.: 4.041 min  
Delta R.T.: -0.001 min  
Response: 821342  
Conc: 12.61 ng/ml



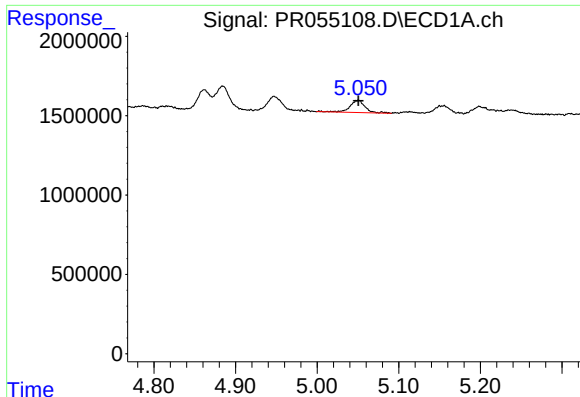
#18 AR-1242-3

R.T.: 4.948 min  
Delta R.T.: 0.000 min  
Response: 1075119  
Conc: 14.75 ng/ml



#18 AR-1242-3

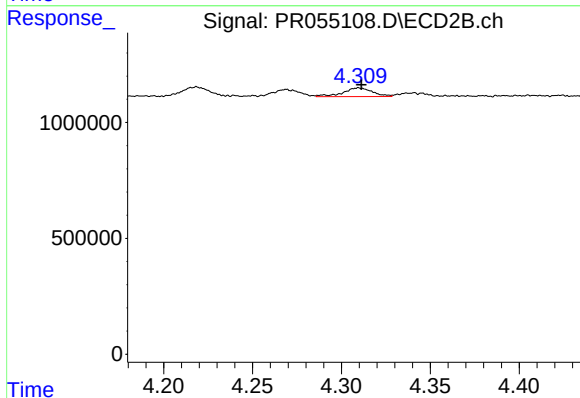
R.T.: 4.218 min  
Delta R.T.: 0.000 min  
Response: 582815  
Conc: 16.48 ng/ml



#19 AR-1242-4

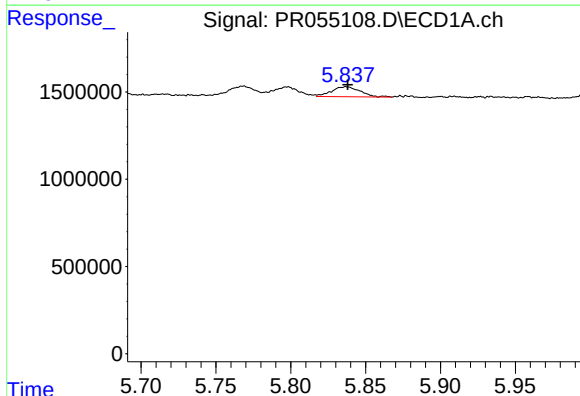
R.T.: 5.050 min  
Delta R.T.: 0.000 min  
Response: 998562  
Conc: 16.87 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



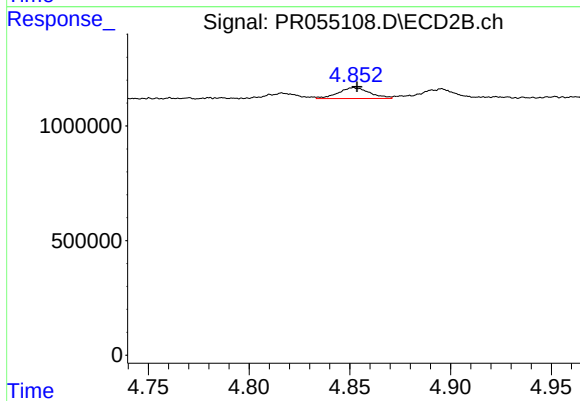
#19 AR-1242-4

R.T.: 4.310 min  
Delta R.T.: -0.002 min  
Response: 435866  
Conc: 13.24 ng/ml



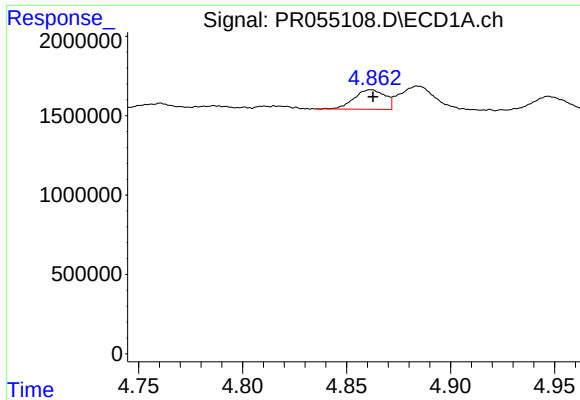
#20 AR-1242-5

R.T.: 5.837 min  
Delta R.T.: -0.001 min  
Response: 764624  
Conc: 14.60 ng/ml



#20 AR-1242-5

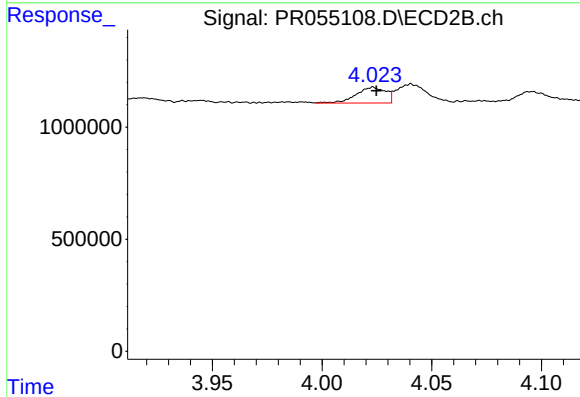
R.T.: 4.852 min  
Delta R.T.: -0.002 min  
Response: 519500  
Conc: 12.02 ng/ml



#21 AR-1248-1

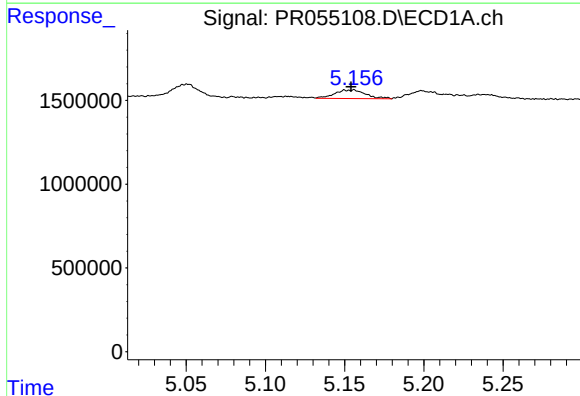
R.T.: 4.862 min  
Delta R.T.: 0.000 min  
Response: 1264587  
Conc: 18.79 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



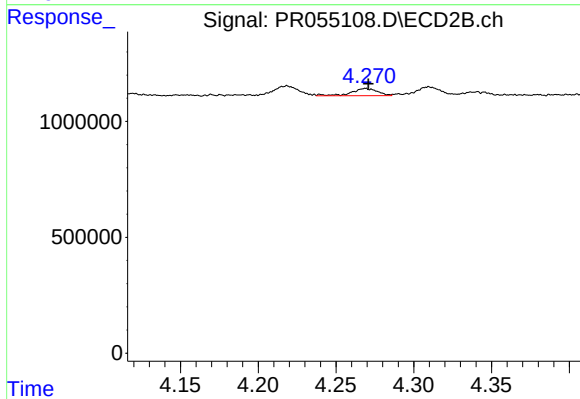
#21 AR-1248-1

R.T.: 4.023 min  
Delta R.T.: -0.002 min  
Response: 662276  
Conc: 18.52 ng/ml



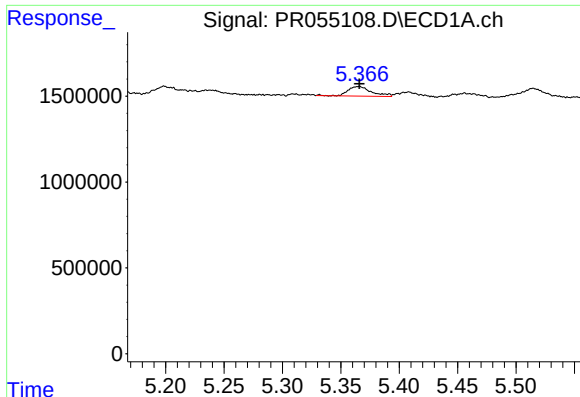
#22 AR-1248-2

R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 701969  
Conc: 8.53 ng/ml



#22 AR-1248-2

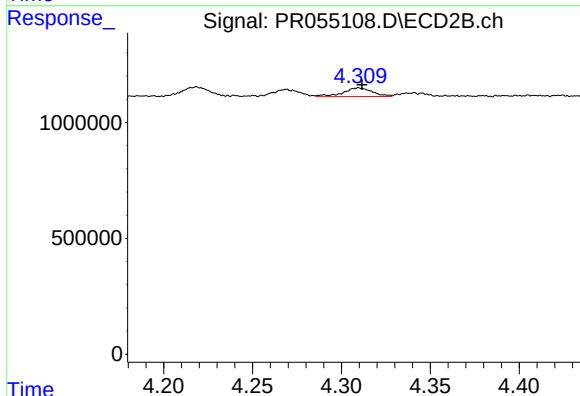
R.T.: 4.269 min  
Delta R.T.: -0.002 min  
Response: 372698  
Conc: 7.86 ng/ml



#23 AR-1248-3

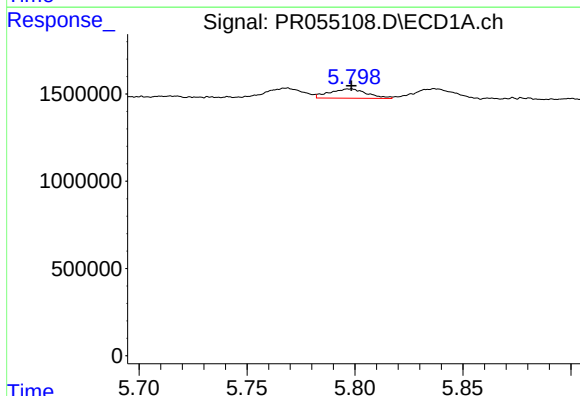
R.T.: 5.365 min  
Delta R.T.: 0.000 min  
Response: 778567  
Conc: 8.70 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



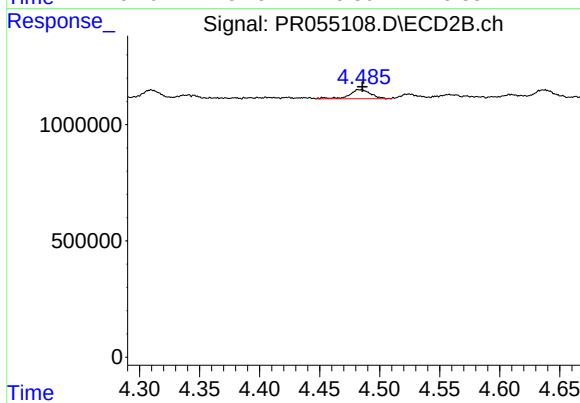
#23 AR-1248-3

R.T.: 4.310 min  
Delta R.T.: -0.002 min  
Response: 435866  
Conc: 9.16 ng/ml



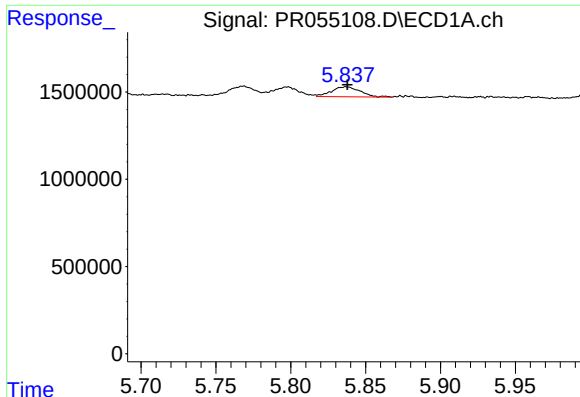
#24 AR-1248-4

R.T.: 5.798 min  
Delta R.T.: 0.000 min  
Response: 645887  
Conc: 7.28 ng/ml



#24 AR-1248-4

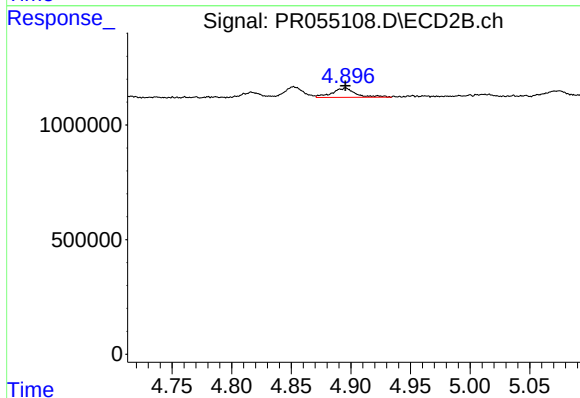
R.T.: 4.484 min  
Delta R.T.: -0.002 min  
Response: 490502  
Conc: 8.32 ng/ml



#25 AR-1248-5

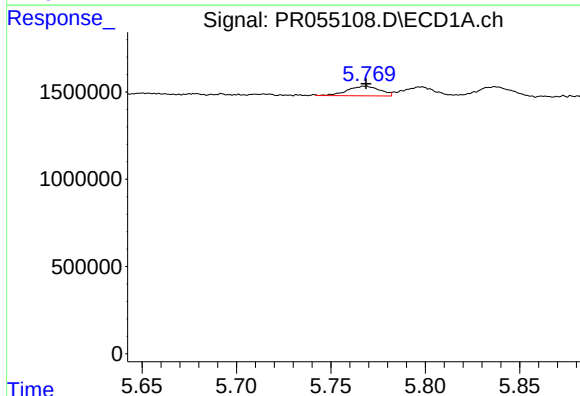
R.T.: 5.837 min  
Delta R.T.: -0.001 min  
Response: 764624  
Conc: 8.89 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



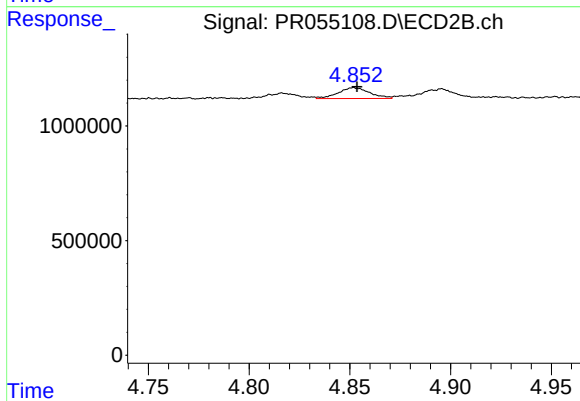
#25 AR-1248-5

R.T.: 4.896 min  
Delta R.T.: 0.000 min  
Response: 563169  
Conc: 9.75 ng/ml



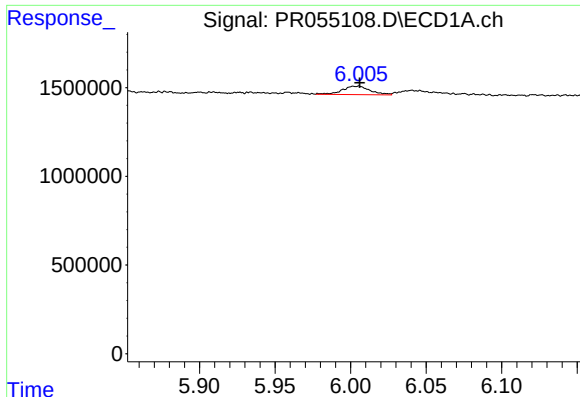
#26 AR-1254-1

R.T.: 5.768 min  
Delta R.T.: 0.000 min  
Response: 662042  
Conc: 7.11 ng/ml



#26 AR-1254-1

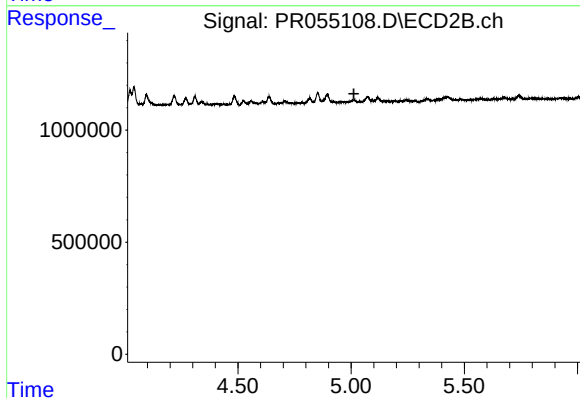
R.T.: 4.852 min  
Delta R.T.: -0.002 min  
Response: 519500  
Conc: 5.94 ng/ml



#27 AR-1254-2

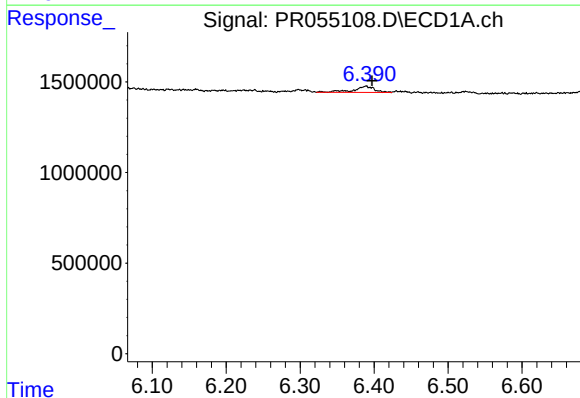
R.T.: 6.004 min  
Delta R.T.: -0.002 min  
Response: 606284  
Conc: 4.64 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



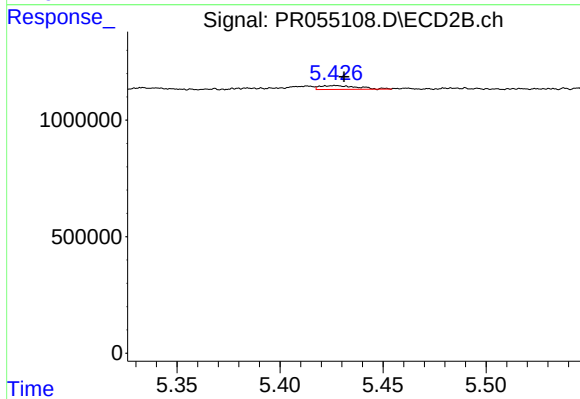
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.012 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

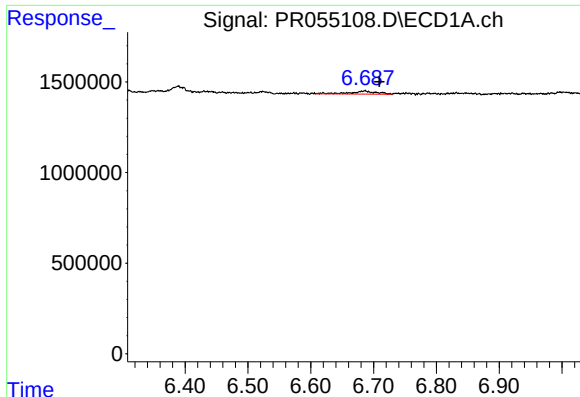
R.T.: 6.389 min  
Delta R.T.: -0.009 min  
Response: 662185  
Conc: 5.24 ng/ml



#28 AR-1254-3

R.T.: 5.427 min  
Delta R.T.: -0.004 min  
Response: 206193  
Conc: 1.67 ng/ml

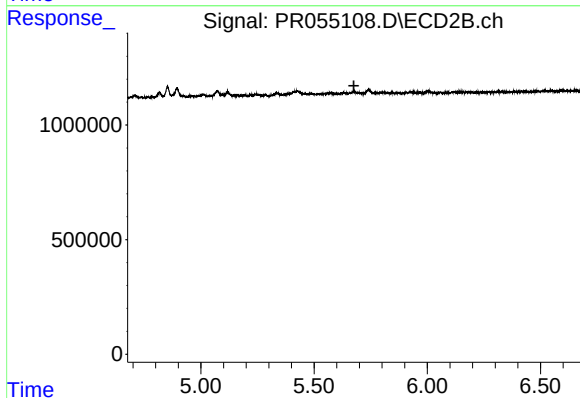




#29 AR-1254-4

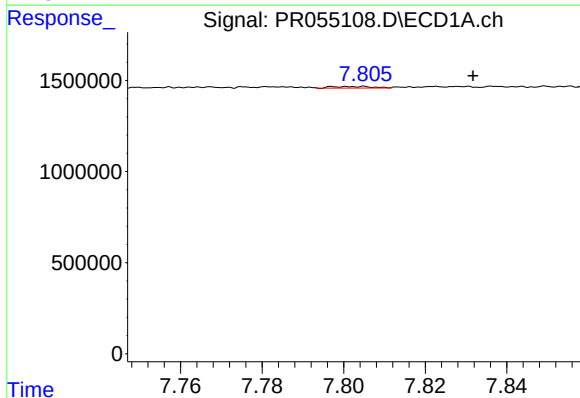
R.T.: 6.686 min  
Delta R.T.: -0.023 min  
Response: 498371  
Conc: 5.37 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



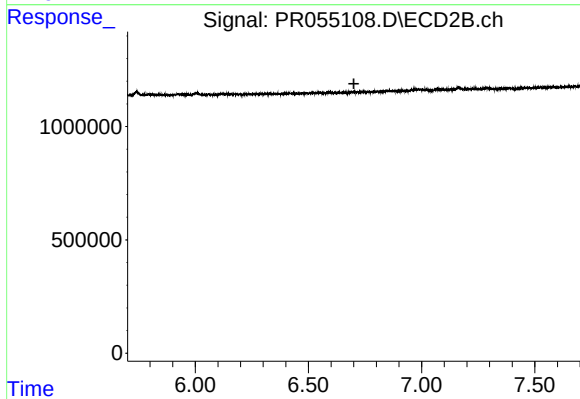
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 5.676 min  
Response: 0  
Conc: N.D.



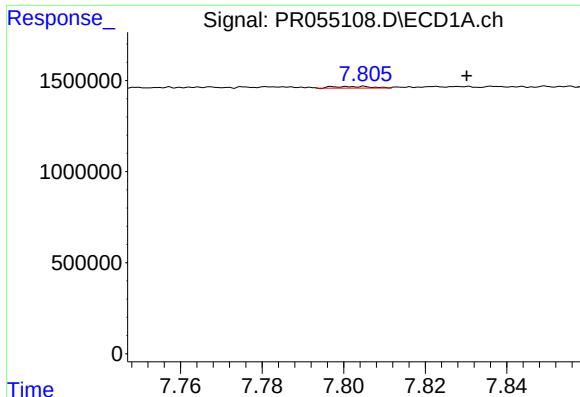
#35 AR-1260-5

R.T.: 7.802 min  
Delta R.T.: -0.030 min  
Response: 58516  
Conc: 0.38 ng/ml



#35 AR-1260-5

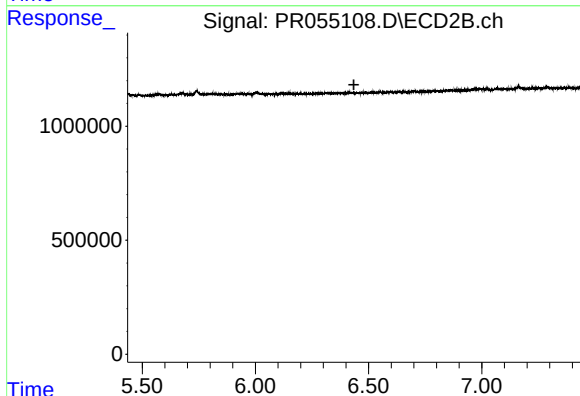
R.T.: 0.000 min  
Exp R.T. : 6.701 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

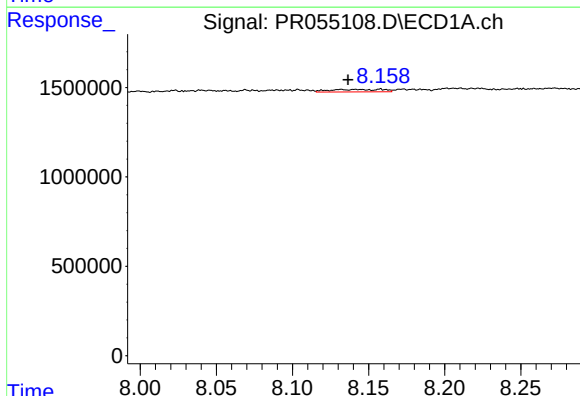
R.T.: 7.802 min  
Delta R.T.: -0.028 min  
Response: 58516  
Conc: 0.32 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



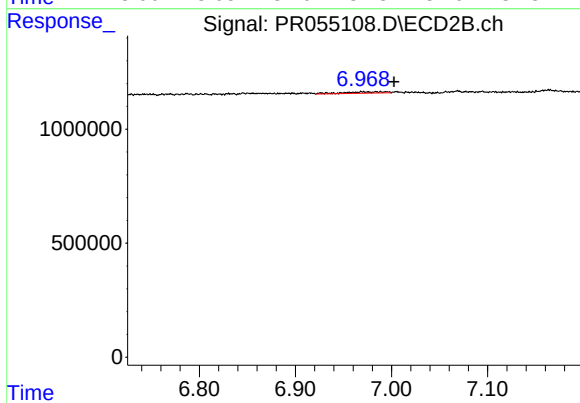
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 6.435 min  
Response: 0  
Conc: N.D.



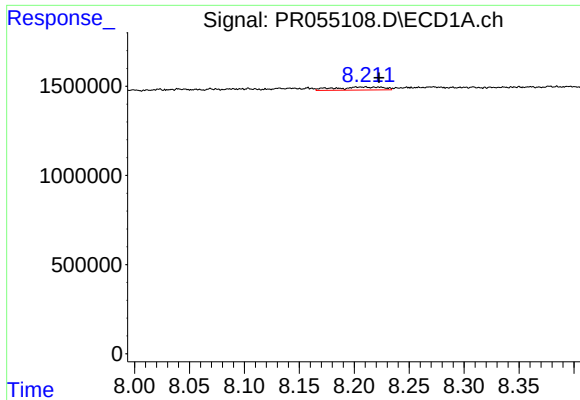
#38 AR-1262-3

R.T.: 8.132 min  
Delta R.T.: -0.004 min  
Response: 337672  
Conc: 2.71 ng/ml



#38 AR-1262-3

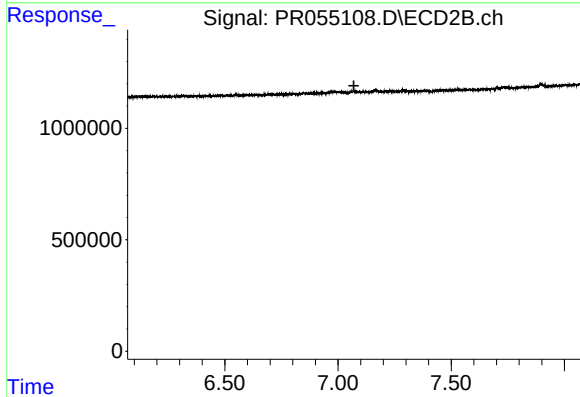
R.T.: 6.988 min  
Delta R.T.: -0.014 min  
Response: 194416  
Conc: 2.53 ng/ml



#39 AR-1262-4

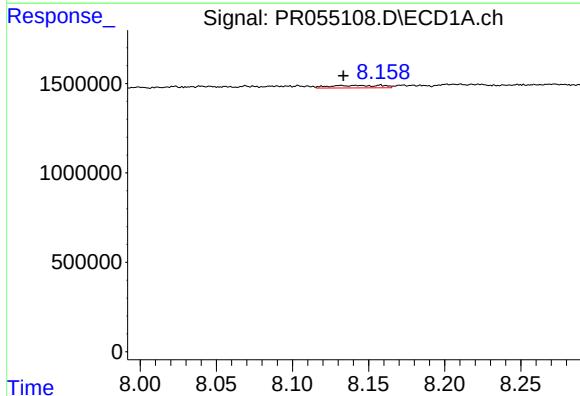
R.T.: 8.222 min  
Delta R.T.: 0.000 min  
Response: 530209  
Conc: 9.48 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



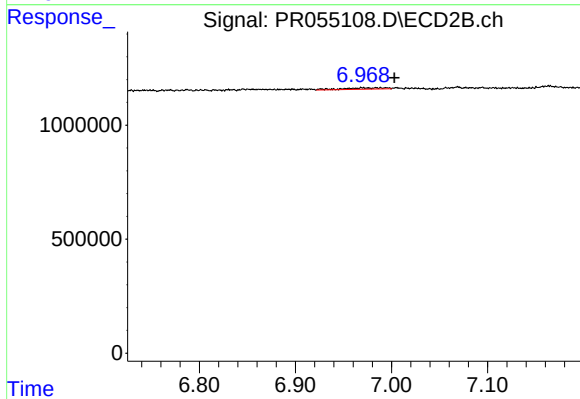
#39 AR-1262-4

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



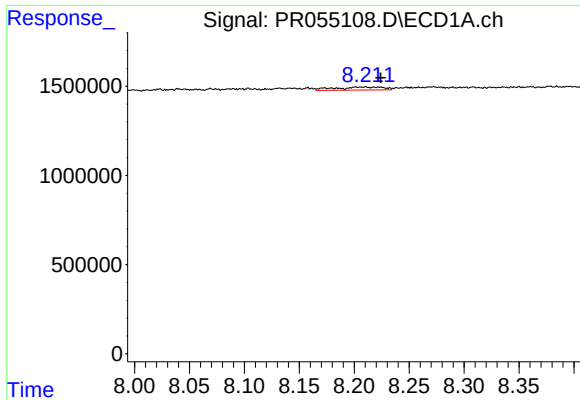
#41 AR-1268-1

R.T.: 8.132 min  
Delta R.T.: -0.001 min  
Response: 337672  
Conc: 1.67 ng/ml



#41 AR-1268-1

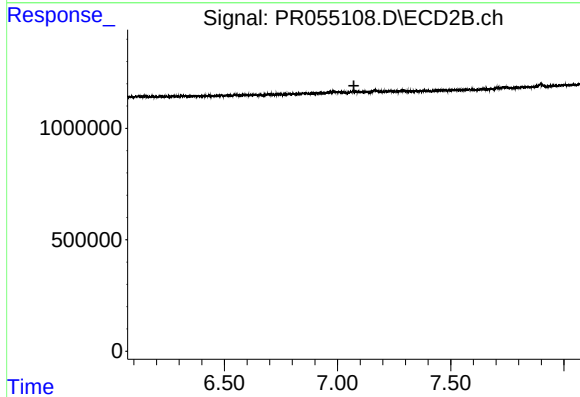
R.T.: 6.988 min  
Delta R.T.: -0.015 min  
Response: 194416  
Conc: 0.89 ng/ml



#42 AR-1268-2

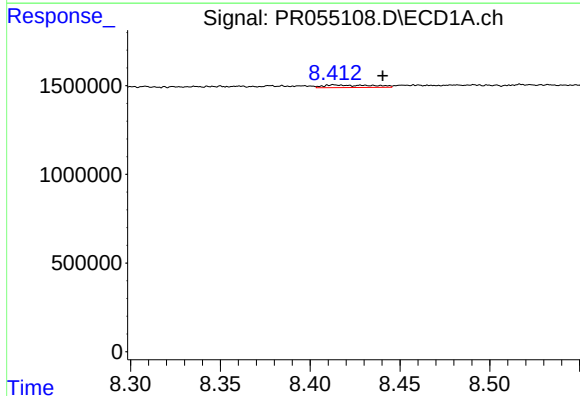
R.T.: 8.222 min  
Delta R.T.: -0.002 min  
Response: 530209  
Conc: 2.86 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



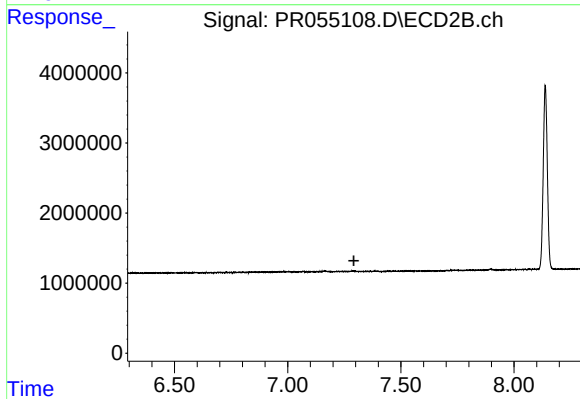
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.072 min  
Response: 0  
Conc: N.D.



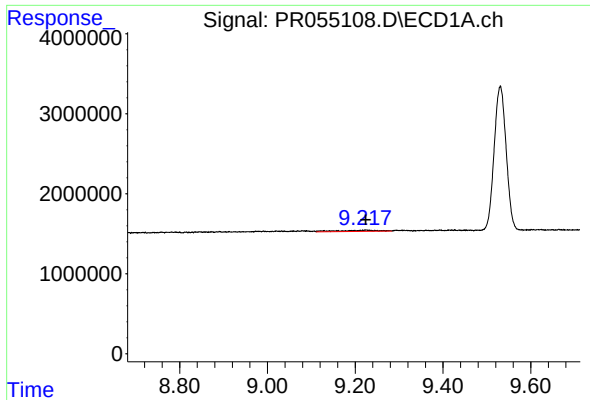
#43 AR-1268-3

R.T.: 8.414 min  
Delta R.T.: -0.026 min  
Response: 279405  
Conc: 1.79 ng/ml



#43 AR-1268-3

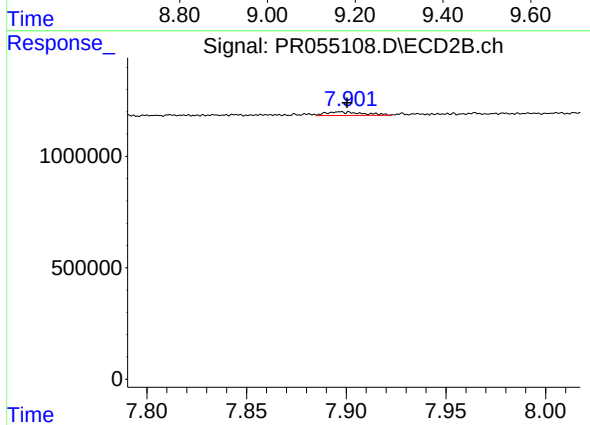
R.T.: 0.000 min  
Exp R.T. : 7.292 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.224 min  
Delta R.T.: 0.000 min  
Response: 909488  
Conc: 1.82 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



#45 AR-1268-5

R.T.: 7.897 min  
Delta R.T.: -0.004 min  
Response: 205908  
Conc: 0.39 ng/ml