

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR080622\  
 Data File : PR055693.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Aug 2022 02:49  
 Operator : AJ\MA  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 06 04:06:04 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR080522.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 05 12:39:02 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... | 3.635  | 2.905  | 86899360 | 41906857 | 20.365 | 20.872   |
| 2)                          | SA Decachlor... | 9.525  | 8.121  | 37308108 | 37567856 | 20.983 | 20.652   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 4.856  | 0.000  | 251882   | 0        | 2.175  | N.D. #   |
| 4)                          | L1 AR-1016-2    | 4.880  | 0.000  | 375481   | 0        | 2.288  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 4.940  | 0.000  | 304764   | 0        | 3.082  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 5.039  | 4.259  | 422344   | 390417   | 5.332  | 10.276 # |
| 8)                          | L2 AR-1221-1    | 3.855  | 0.000  | 295881   | 0        | 5.987  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 3.946  | 3.206  | 1770312  | 552796   | 48.865 | 32.241 # |
| 10)                         | L2 AR-1221-3    | 4.018  | 3.288  | 346054   | 190102   | 3.286  | 3.631    |
| 11)                         | L3 AR-1232-1    | 4.018  | 3.288  | 346054   | 190102   | 3.990  | 4.406    |
| 12)                         | L3 AR-1232-2    | 4.568  | 0.000  | 509205   | 0        | 11.864 | N.D. #   |
| 13)                         | L3 AR-1232-3    | 4.880  | 0.000  | 375481   | 0        | 5.131  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 5.039  | 0.000  | 422344   | 0        | 12.236 | N.D. #   |
| 16)                         | L4 AR-1242-1    | 4.856  | 0.000  | 251882   | 0        | 2.678  | N.D. #   |
| 17)                         | L4 AR-1242-2    | 4.880  | 0.000  | 375481   | 0        | 2.772  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 4.940  | 0.000  | 304764   | 0        | 3.825  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.039  | 0.000  | 422344   | 0        | 6.706  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 5.840  | 4.838  | 4109625  | 1040365  | 71.360 | 21.016 # |
| 21)                         | L5 AR-1248-1    | 4.856  | 0.000  | 251882   | 0        | 3.465  | N.D. #   |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.259  | 0        | 390417   | N.D.   | 7.054 #  |
| 24)                         | L5 AR-1248-4    | 5.764f | 0.000  | 2411794  | 0        | 24.679 | N.D. #   |
| 25)                         | L5 AR-1248-5    | 5.840  | 4.866f | 4109625  | 2355173  | 42.094 | 33.023   |
| 26)                         | L6 AR-1254-1    | 5.764  | 4.838  | 2411794  | 1040365  | 23.549 | 9.521 #  |
| 27)                         | L6 AR-1254-2    | 5.997  | 0.000  | 1064889  | 0        | 7.244  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 6.383  | 5.416  | 630461   | 487392   | 4.303  | 3.200 #  |
| 30)                         | L6 AR-1254-5    | 7.160  | 6.101  | 328921   | 744394   | 3.033  | 5.494 #  |
| 31)                         | L7 AR-1260-1    | 6.573  | 5.558  | 249951   | 1793093  | 2.309  | 17.796 # |
| 32)                         | L7 AR-1260-2    | 6.854  | 5.757  | 403598   | 968681   | 3.262  | 7.923 #  |
| 33)                         | L7 AR-1260-3    | 7.247  | 5.921  | 229321   | 915742   | 2.540  | 8.097 #  |
| 34)                         | L7 AR-1260-4    | 7.487  | 6.420  | 366307   | 329389   | 3.568  | 3.442    |
| 35)                         | L7 AR-1260-5    | 7.826  | 6.684  | 538345   | 384948   | 2.769  | 1.714 #  |
| 36)                         | L8 AR-1262-1    | 7.247  | 0.000  | 229321   | 0        | 1.845  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 7.826  | 6.420  | 538345   | 329389   | 2.522  | 2.699    |
| 38)                         | L8 AR-1262-3    | 8.138  | 6.984  | 528597   | 563085   | 3.585  | 5.850 #  |
| 39)                         | L8 AR-1262-4    | 8.208  | 7.051  | 470549   | 388499   | 7.488  | 2.135 #  |
| 41)                         | L9 AR-1268-1    | 8.138  | 6.984  | 528597   | 563085   | 2.120  | 2.002    |
| 42)                         | L9 AR-1268-2    | 8.208  | 7.051  | 470549   | 388499   | 2.061  | 1.519 #  |
| 45)                         | L9 AR-1268-5    | 9.213  | 7.880  | 671468   | 352634   | 1.098  | 0.518 #  |
| -----                       |                 |        |        |          |          |        |          |

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

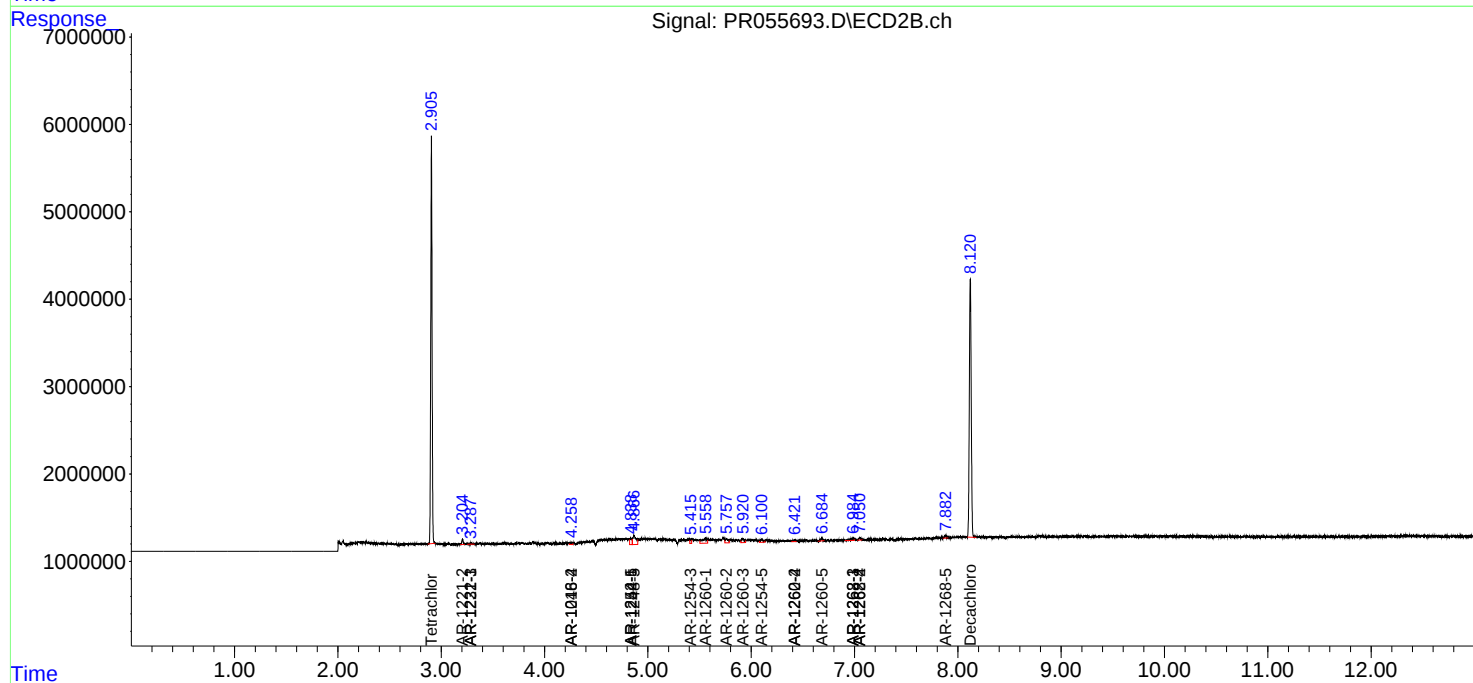
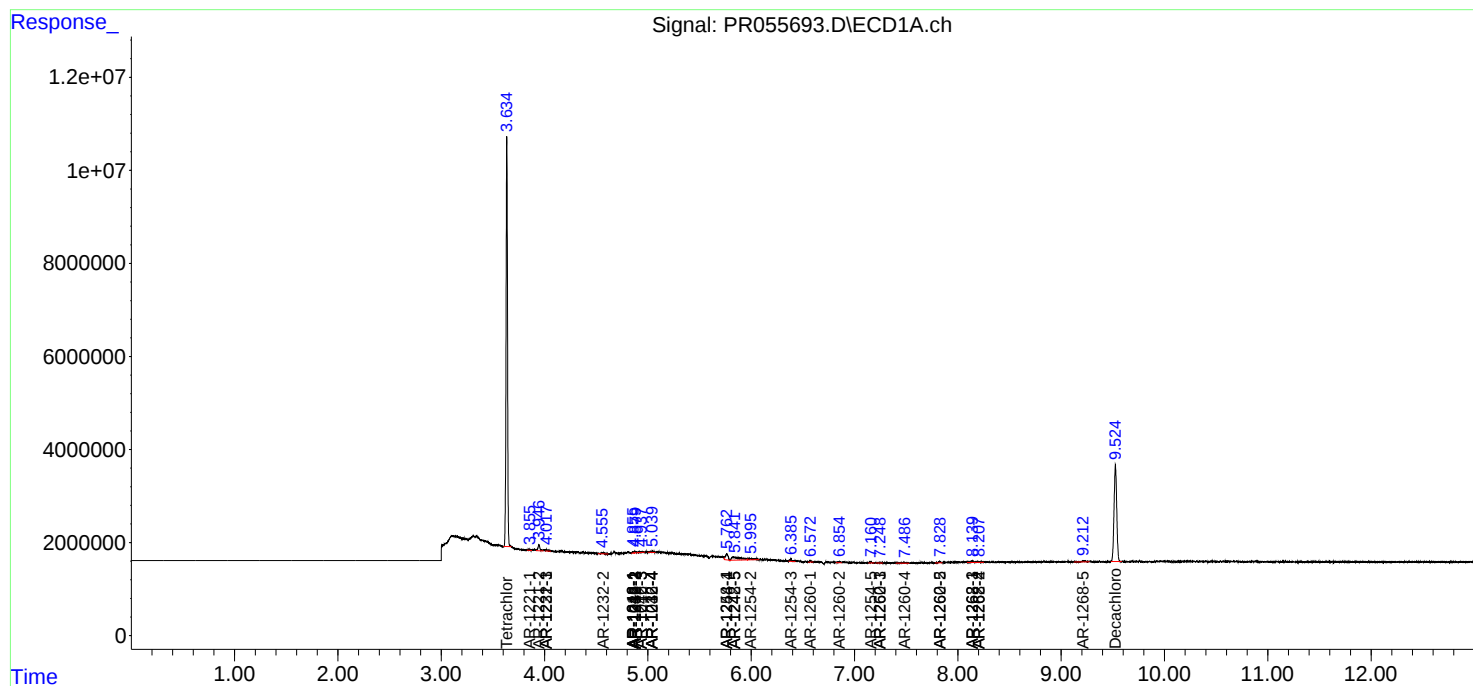
Instrument :  
ECD\_R  
ClientSampleId :

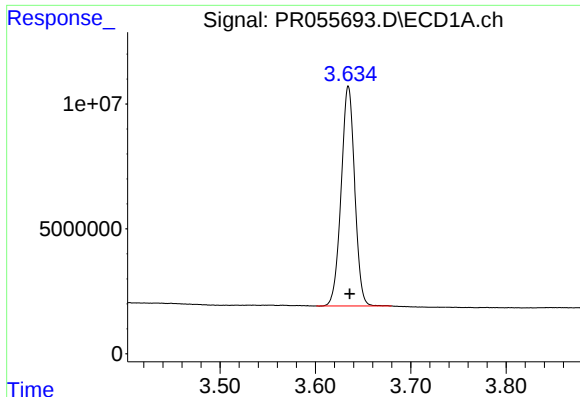
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR080622\  
Data File : PR055693.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Aug 2022 02:49  
Operator : AJ\MA  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 06 04:06:04 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR080522.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 05 12:39:02 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

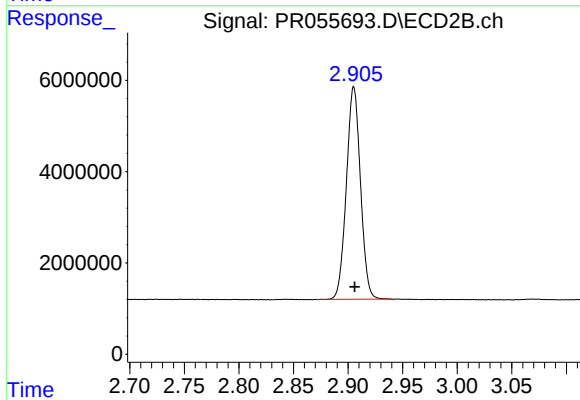




#1 Tetrachloro-m-xylene

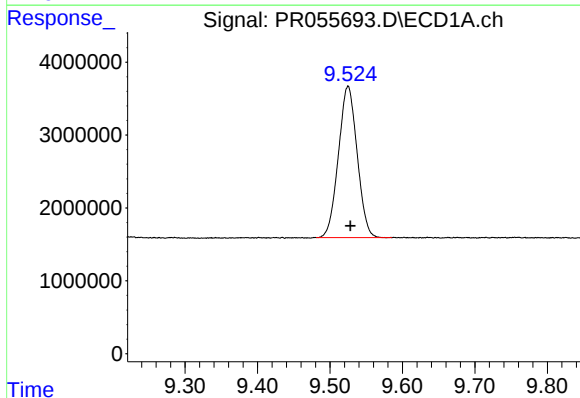
R.T.: 3.635 min  
Delta R.T.: -0.001 min  
Response: 86899360  
Conc: 20.37 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



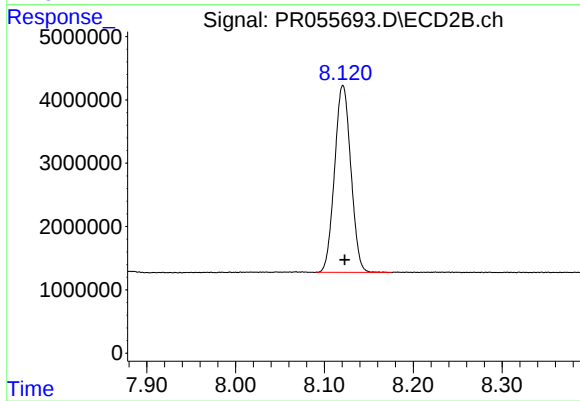
#1 Tetrachloro-m-xylene

R.T.: 2.905 min  
Delta R.T.: 0.000 min  
Response: 41906857  
Conc: 20.87 ng/ml



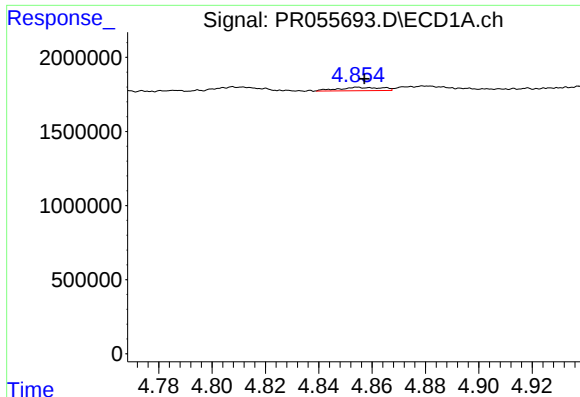
#2 Decachlorobiphenyl

R.T.: 9.525 min  
Delta R.T.: -0.004 min  
Response: 37308108  
Conc: 20.98 ng/ml



#2 Decachlorobiphenyl

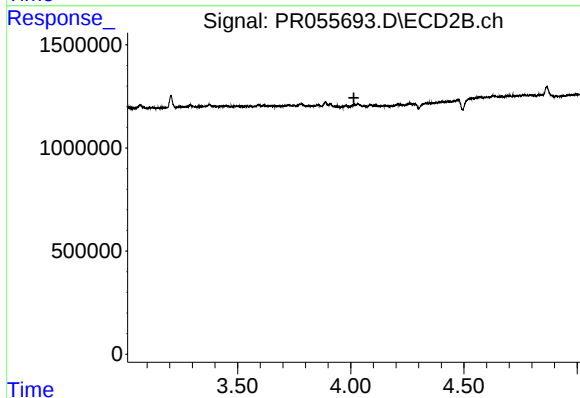
R.T.: 8.121 min  
Delta R.T.: -0.002 min  
Response: 37567856  
Conc: 20.65 ng/ml



#3 AR-1016-1

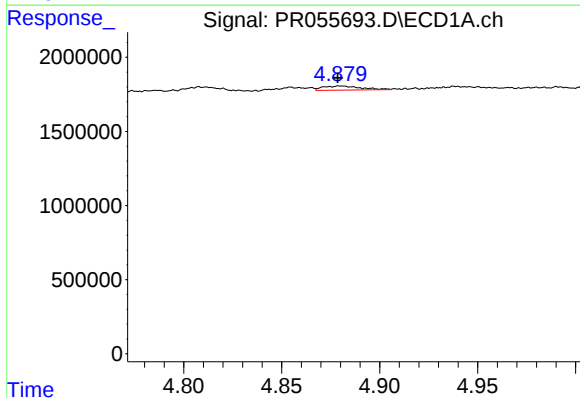
R.T.: 4.856 min  
Delta R.T.: -0.001 min  
Response: 251882  
Conc: 2.18 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



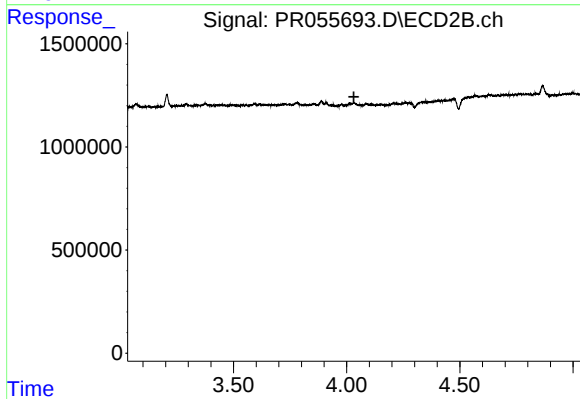
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.014 min  
Response: 0  
Conc: N.D.



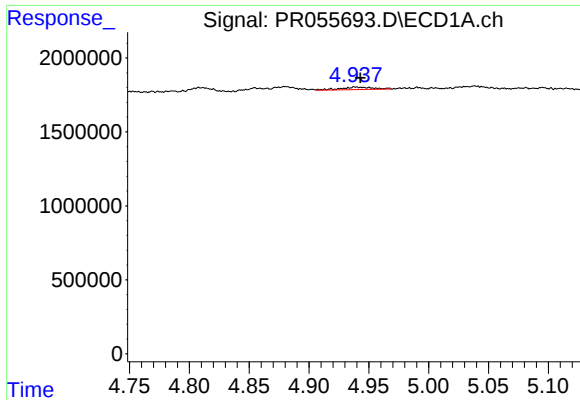
#4 AR-1016-2

R.T.: 4.880 min  
Delta R.T.: 0.001 min  
Response: 375481  
Conc: 2.29 ng/ml



#4 AR-1016-2

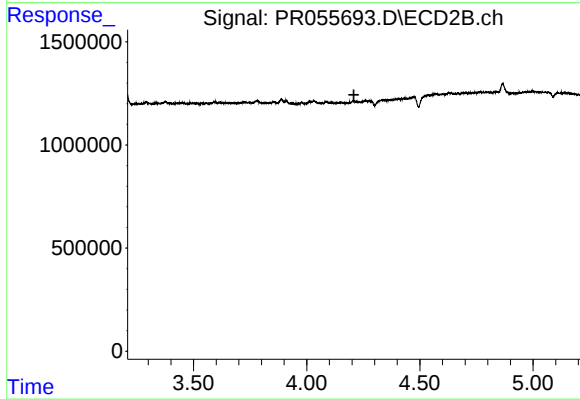
R.T.: 0.000 min  
Exp R.T. : 4.032 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

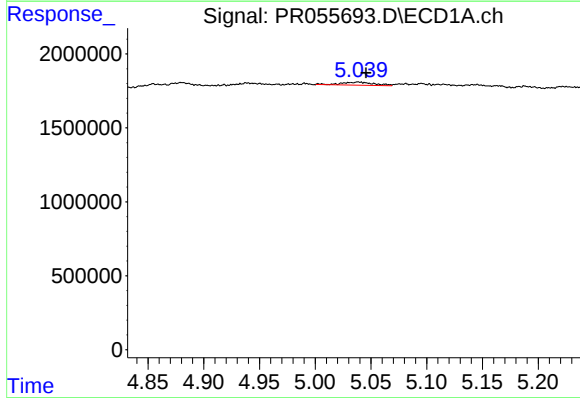
R.T.: 4.940 min  
Delta R.T.: -0.003 min  
Response: 304764  
Conc: 3.08 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



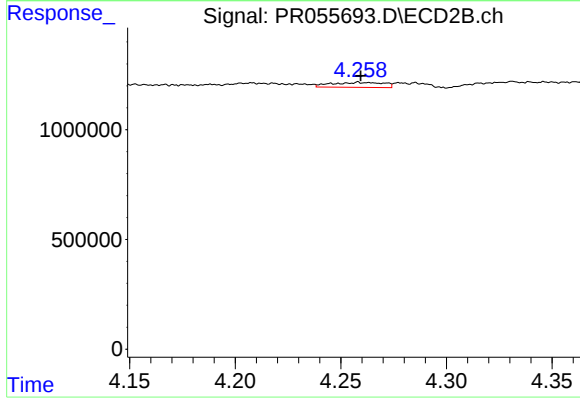
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.208 min  
Response: 0  
Conc: N.D.



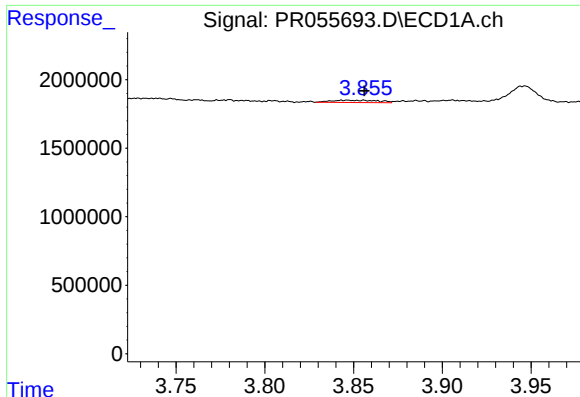
#6 AR-1016-4

R.T.: 5.039 min  
Delta R.T.: -0.007 min  
Response: 422344  
Conc: 5.33 ng/ml



#6 AR-1016-4

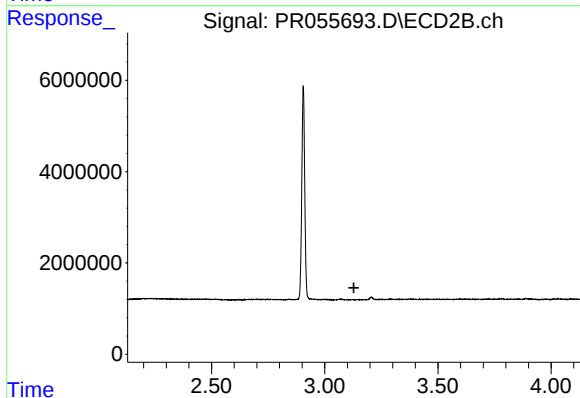
R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 390417  
Conc: 10.28 ng/ml



#8 AR-1221-1

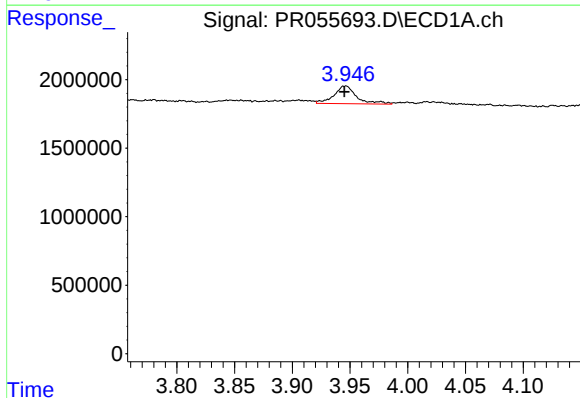
R.T.: 3.855 min  
Delta R.T.: -0.001 min  
Response: 295881  
Conc: 5.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



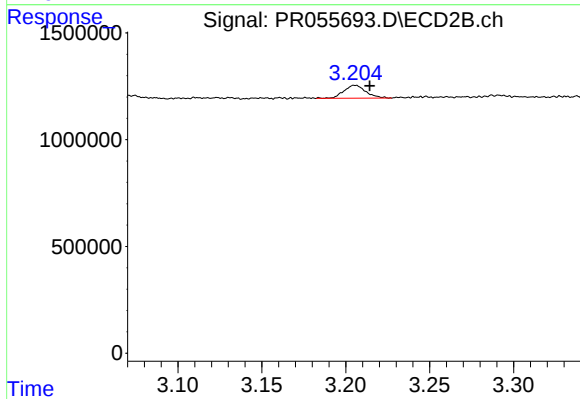
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 3.129 min  
Response: 0  
Conc: N.D.



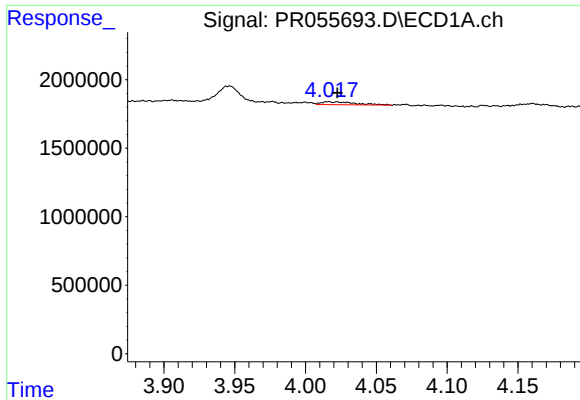
#9 AR-1221-2

R.T.: 3.946 min  
Delta R.T.: 0.000 min  
Response: 1770312  
Conc: 48.86 ng/ml



#9 AR-1221-2

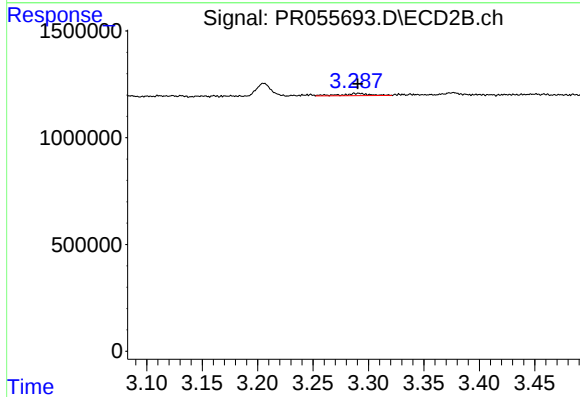
R.T.: 3.206 min  
Delta R.T.: -0.009 min  
Response: 552796  
Conc: 32.24 ng/ml



#10 AR-1221-3

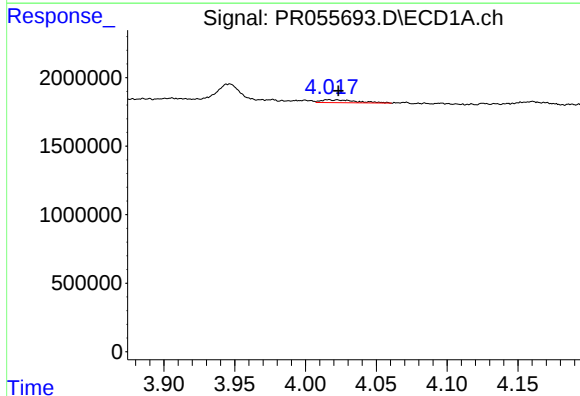
R.T.: 4.018 min  
Delta R.T.: -0.005 min  
Response: 346054  
Conc: 3.29 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



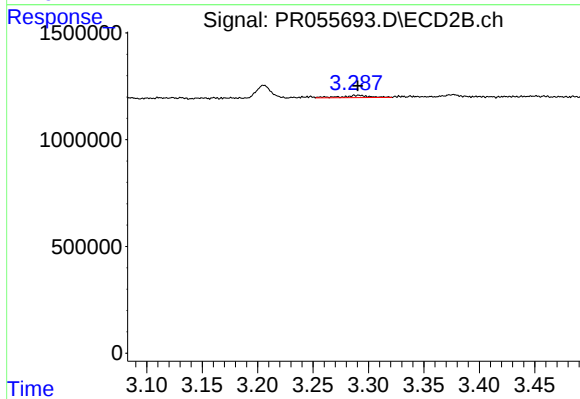
#10 AR-1221-3

R.T.: 3.288 min  
Delta R.T.: -0.002 min  
Response: 190102  
Conc: 3.63 ng/ml



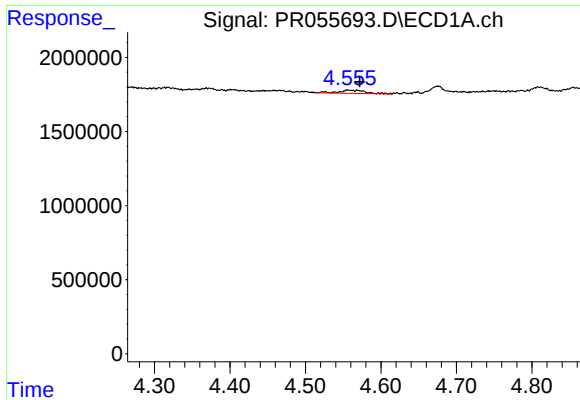
#11 AR-1232-1

R.T.: 4.018 min  
Delta R.T.: -0.006 min  
Response: 346054  
Conc: 3.99 ng/ml



#11 AR-1232-1

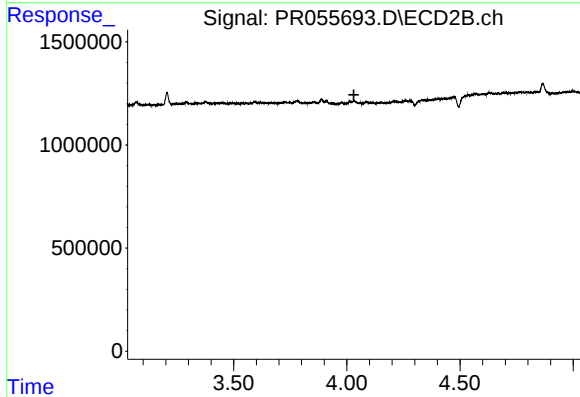
R.T.: 3.288 min  
Delta R.T.: -0.002 min  
Response: 190102  
Conc: 4.41 ng/ml



#12 AR-1232-2

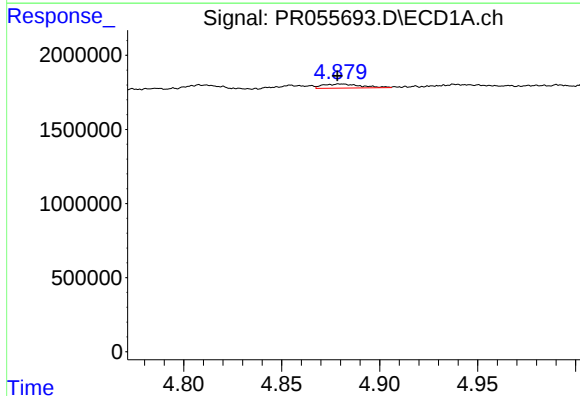
R.T.: 4.568 min  
Delta R.T.: -0.004 min  
Response: 509205  
Conc: 11.86 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



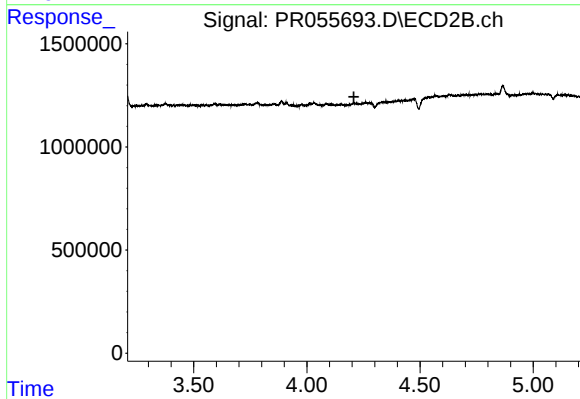
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 4.031 min  
Response: 0  
Conc: N.D.



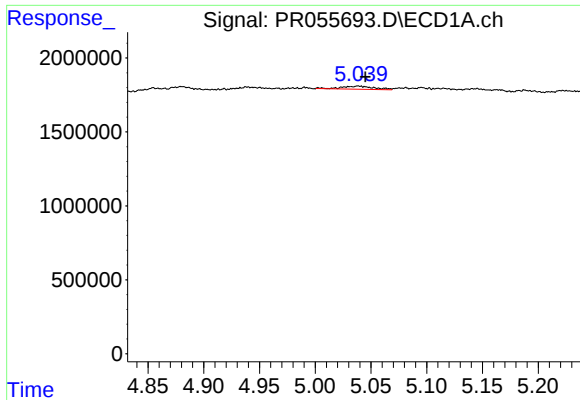
#13 AR-1232-3

R.T.: 4.880 min  
Delta R.T.: 0.002 min  
Response: 375481  
Conc: 5.13 ng/ml



#13 AR-1232-3

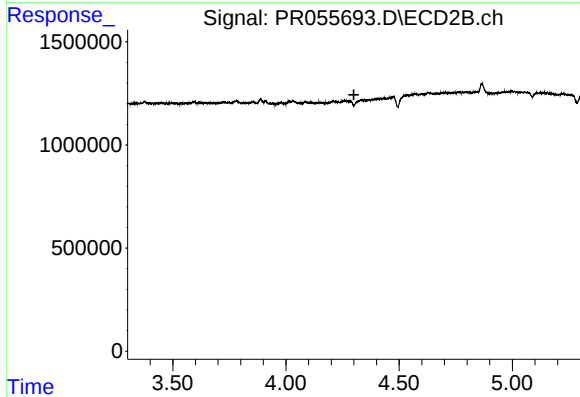
R.T.: 0.000 min  
Exp R.T. : 4.208 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

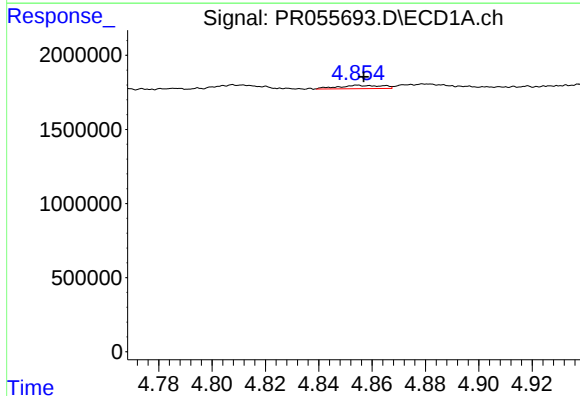
R.T.: 5.039 min  
Delta R.T.: -0.006 min  
Response: 422344  
Conc: 12.24 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



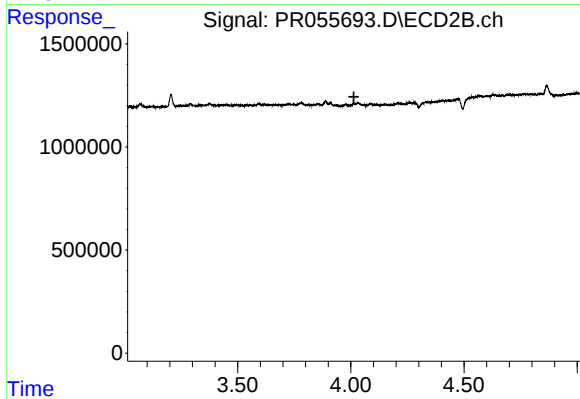
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 4.300 min  
Response: 0  
Conc: N.D.



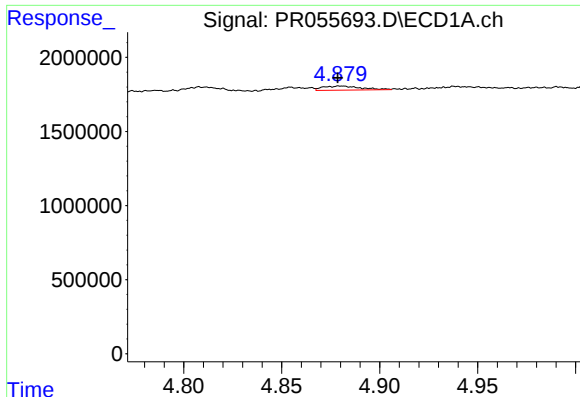
#16 AR-1242-1

R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 251882  
Conc: 2.68 ng/ml



#16 AR-1242-1

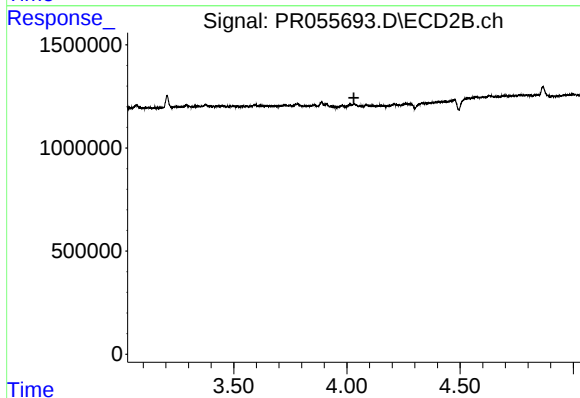
R.T.: 0.000 min  
Exp R.T. : 4.013 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

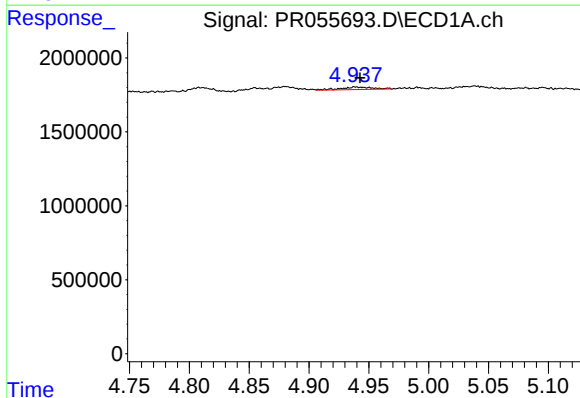
R.T.: 4.880 min  
Delta R.T.: 0.001 min  
Response: 375481  
Conc: 2.77 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



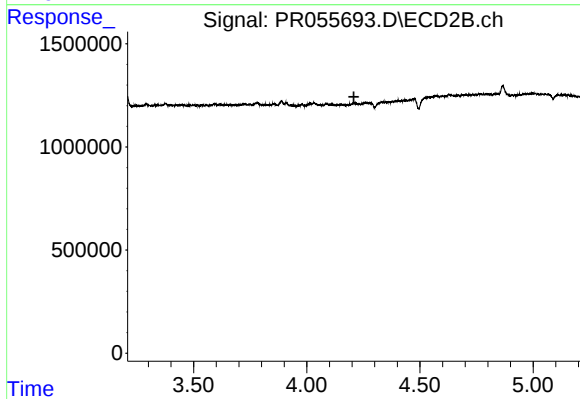
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 4.031 min  
Response: 0  
Conc: N.D.



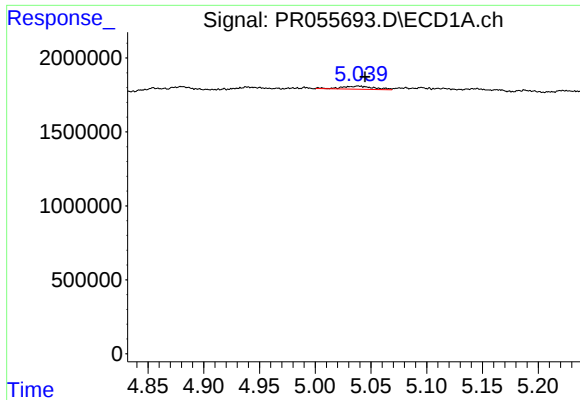
#18 AR-1242-3

R.T.: 4.940 min  
Delta R.T.: -0.002 min  
Response: 304764  
Conc: 3.83 ng/ml



#18 AR-1242-3

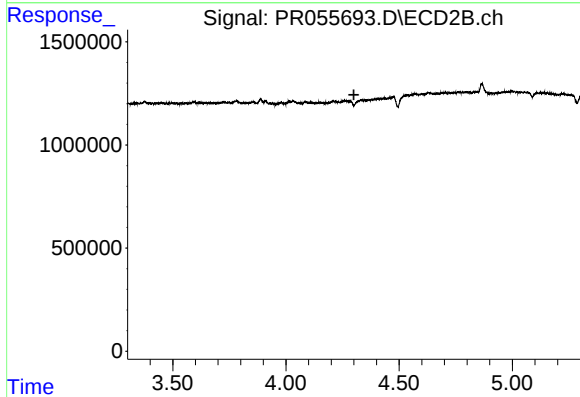
R.T.: 0.000 min  
Exp R.T. : 4.208 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

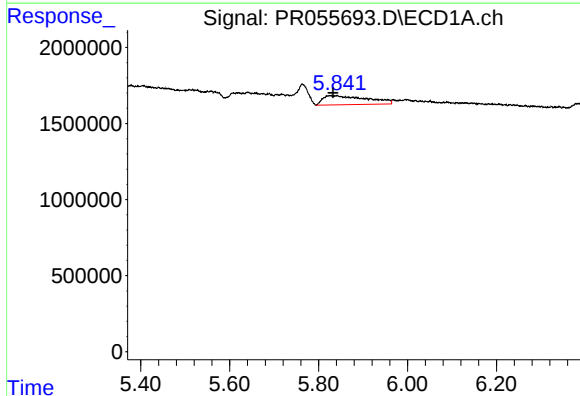
R.T.: 5.039 min  
Delta R.T.: -0.006 min  
Response: 422344  
Conc: 6.71 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



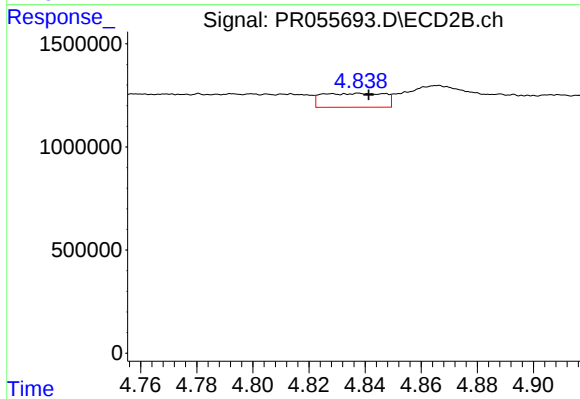
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 4.300 min  
Response: 0  
Conc: N.D.



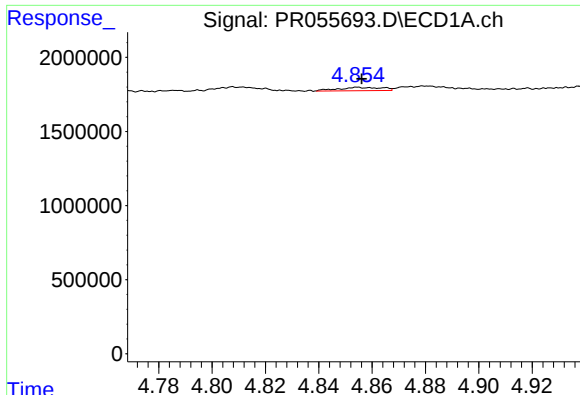
#20 AR-1242-5

R.T.: 5.840 min  
Delta R.T.: 0.008 min  
Response: 4109625  
Conc: 71.36 ng/ml



#20 AR-1242-5

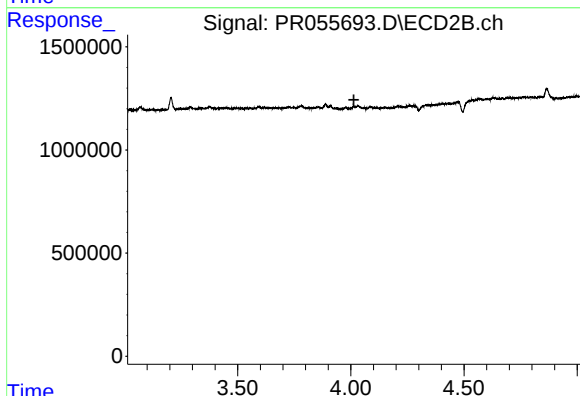
R.T.: 4.838 min  
Delta R.T.: -0.003 min  
Response: 1040365  
Conc: 21.02 ng/ml



#21 AR-1248-1

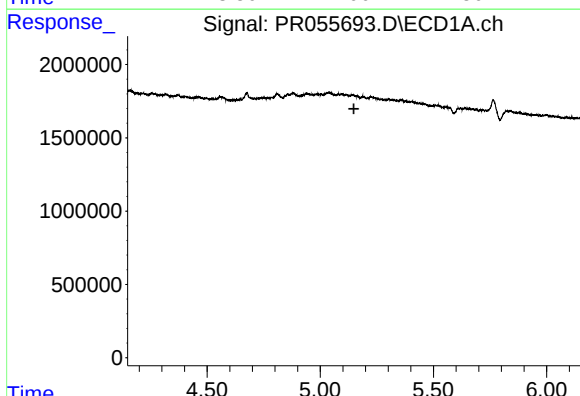
R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 251882  
Conc: 3.46 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



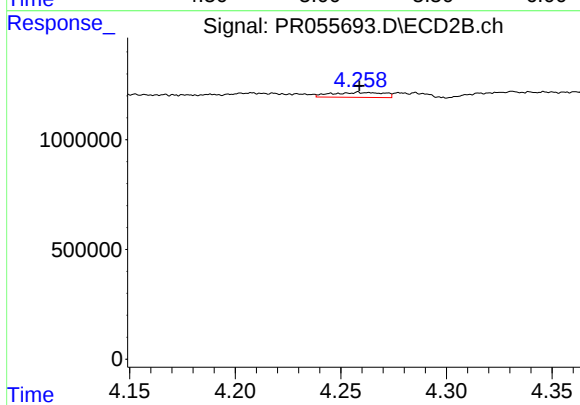
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.013 min  
Response: 0  
Conc: N.D.



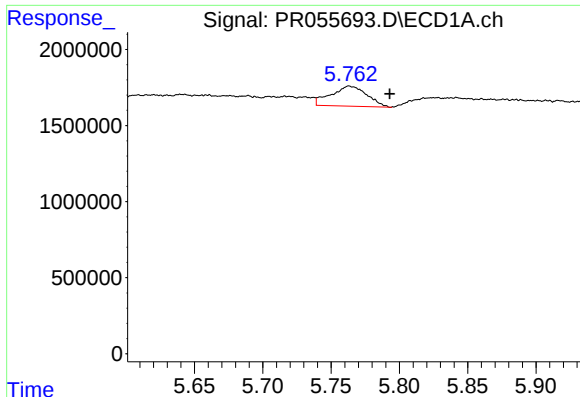
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.148 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

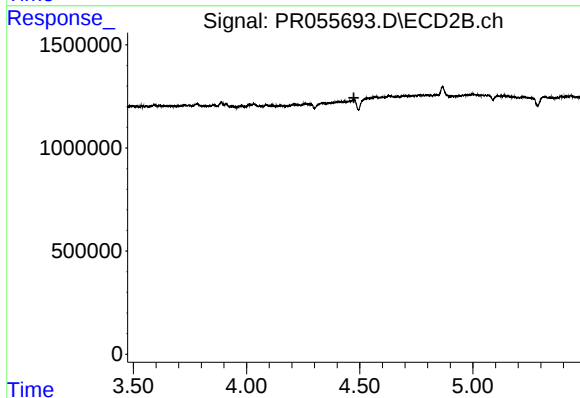
R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 390417  
Conc: 7.05 ng/ml



#24 AR-1248-4

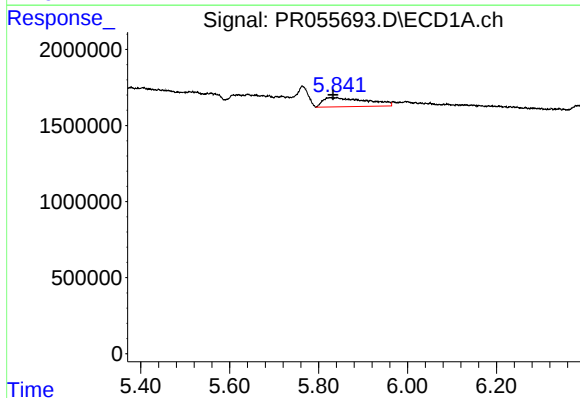
R.T.: 5.764 min  
Delta R.T.: -0.029 min  
Response: 2411794  
Conc: 24.68 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



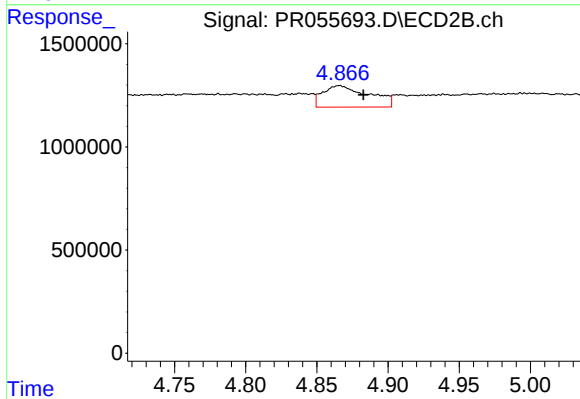
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 4.474 min  
Response: 0  
Conc: N.D.



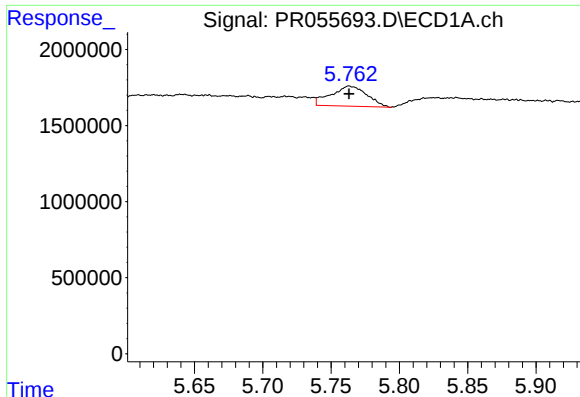
#25 AR-1248-5

R.T.: 5.840 min  
Delta R.T.: 0.008 min  
Response: 4109625  
Conc: 42.09 ng/ml



#25 AR-1248-5

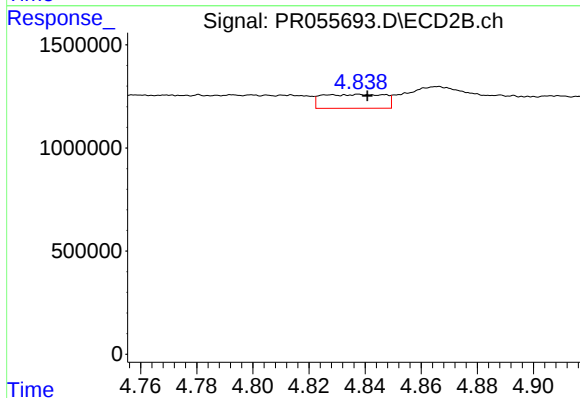
R.T.: 4.866 min  
Delta R.T.: -0.017 min  
Response: 2355173  
Conc: 33.02 ng/ml



#26 AR-1254-1

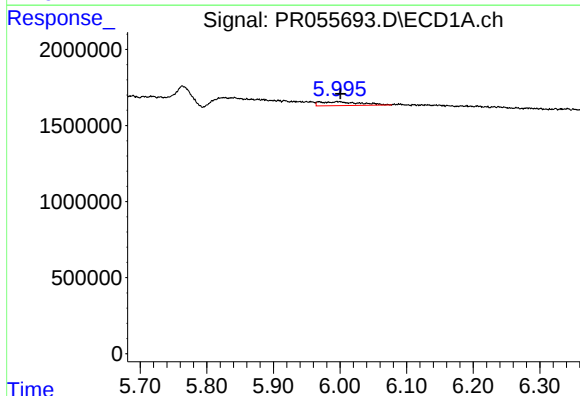
R.T.: 5.764 min  
Delta R.T.: 0.000 min  
Response: 2411794  
Conc: 23.55 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



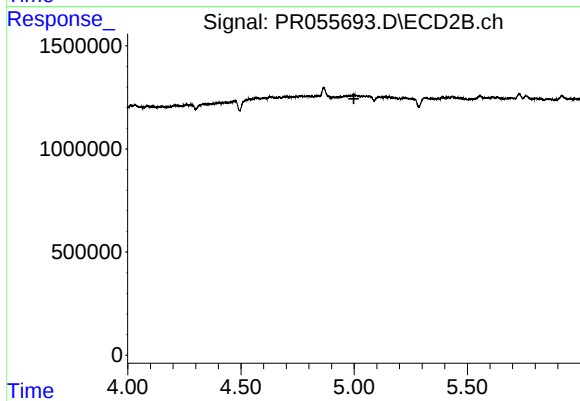
#26 AR-1254-1

R.T.: 4.838 min  
Delta R.T.: -0.003 min  
Response: 1040365  
Conc: 9.52 ng/ml



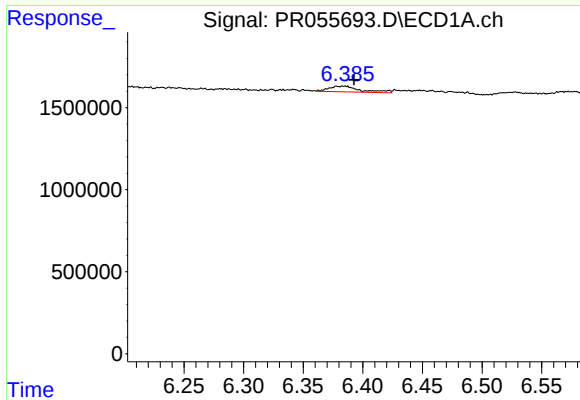
#27 AR-1254-2

R.T.: 5.997 min  
Delta R.T.: -0.004 min  
Response: 1064889  
Conc: 7.24 ng/ml



#27 AR-1254-2

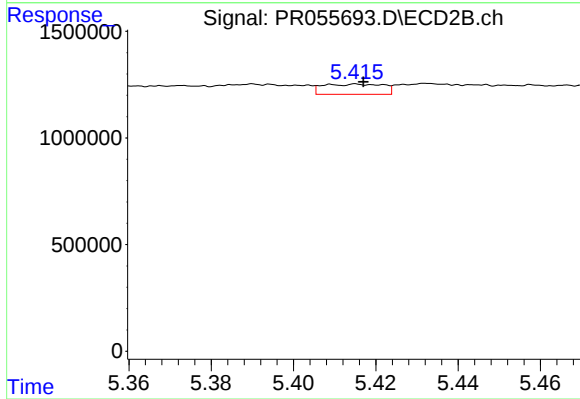
R.T.: 0.000 min  
Exp R.T.: 4.999 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

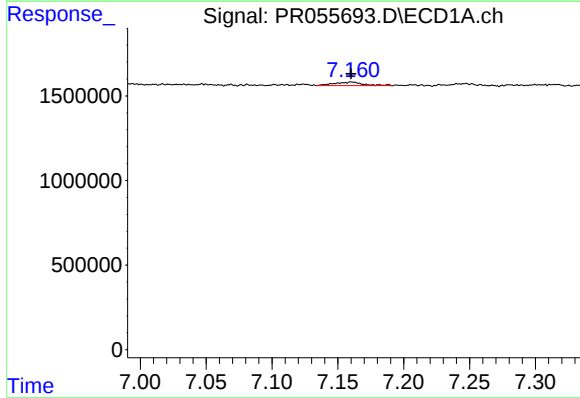
R.T.: 6.383 min  
Delta R.T.: -0.010 min  
Response: 630461  
Conc: 4.30 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



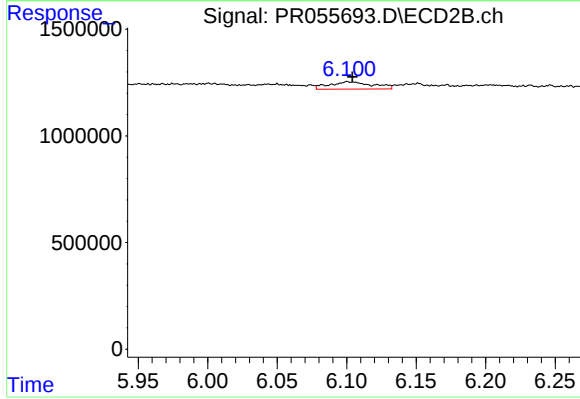
#28 AR-1254-3

R.T.: 5.416 min  
Delta R.T.: -0.001 min  
Response: 487392  
Conc: 3.20 ng/ml



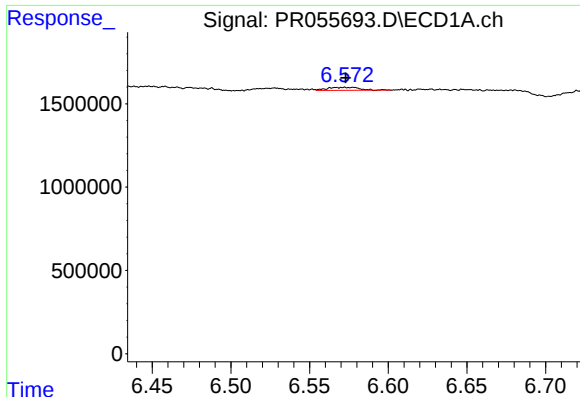
#30 AR-1254-5

R.T.: 7.160 min  
Delta R.T.: 0.000 min  
Response: 328921  
Conc: 3.03 ng/ml



#30 AR-1254-5

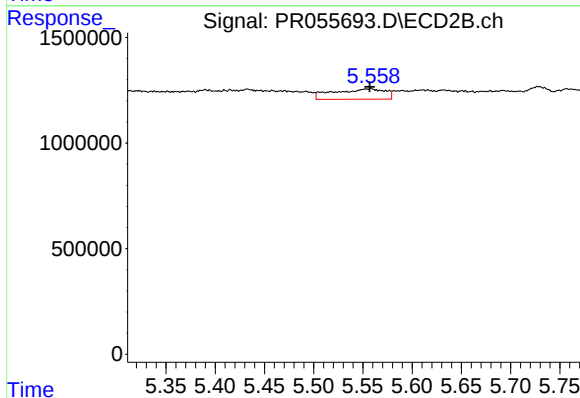
R.T.: 6.101 min  
Delta R.T.: -0.003 min  
Response: 744394  
Conc: 5.49 ng/ml



#31 AR-1260-1

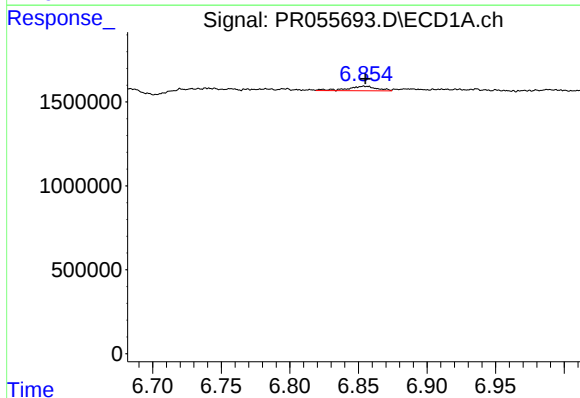
R.T.: 6.573 min  
Delta R.T.: 0.000 min  
Response: 249951  
Conc: 2.31 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



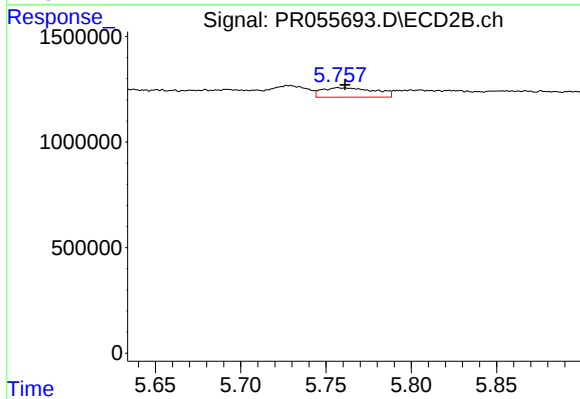
#31 AR-1260-1

R.T.: 5.558 min  
Delta R.T.: 0.001 min  
Response: 1793093  
Conc: 17.80 ng/ml



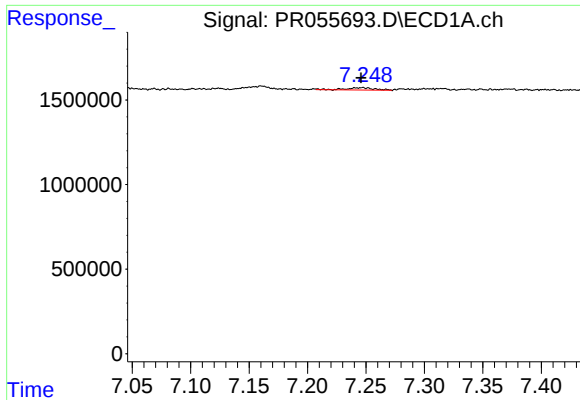
#32 AR-1260-2

R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 403598  
Conc: 3.26 ng/ml



#32 AR-1260-2

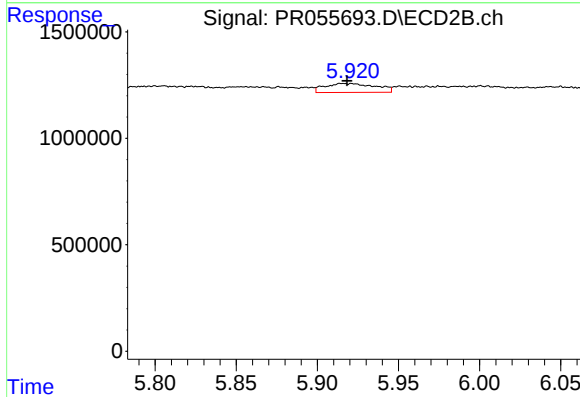
R.T.: 5.757 min  
Delta R.T.: -0.004 min  
Response: 968681  
Conc: 7.92 ng/ml



#33 AR-1260-3

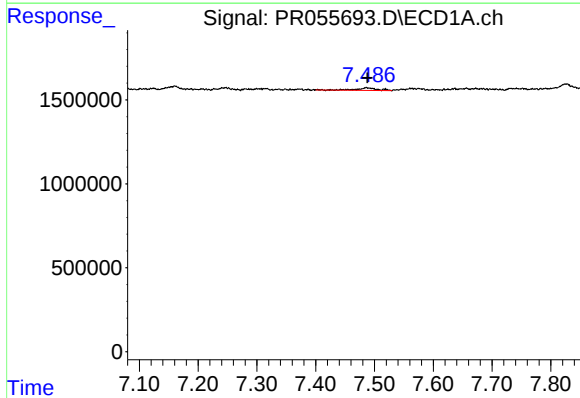
R.T.: 7.247 min  
Delta R.T.: 0.001 min  
Response: 229321  
Conc: 2.54 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



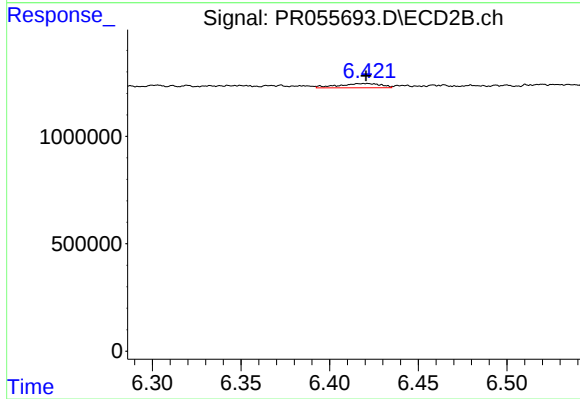
#33 AR-1260-3

R.T.: 5.921 min  
Delta R.T.: 0.003 min  
Response: 915742  
Conc: 8.10 ng/ml



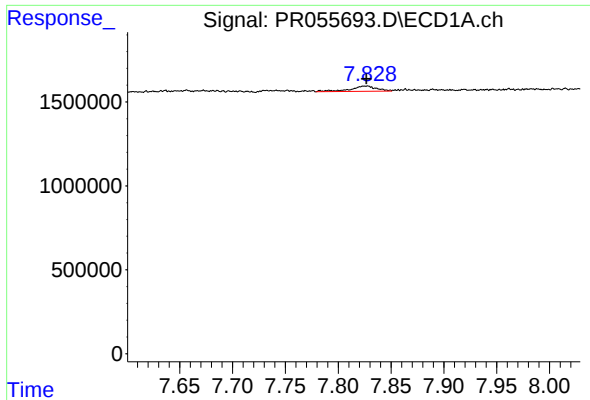
#34 AR-1260-4

R.T.: 7.487 min  
Delta R.T.: -0.001 min  
Response: 366307  
Conc: 3.57 ng/ml



#34 AR-1260-4

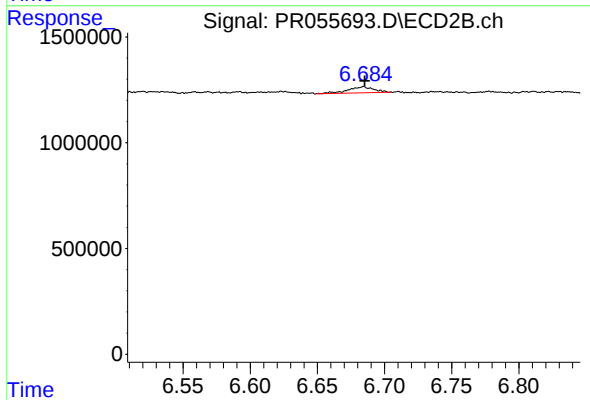
R.T.: 6.420 min  
Delta R.T.: 0.000 min  
Response: 329389  
Conc: 3.44 ng/ml



#35 AR-1260-5

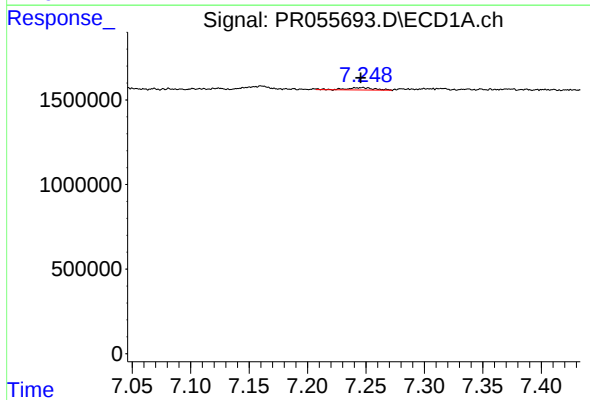
R.T.: 7.826 min  
Delta R.T.: 0.000 min  
Response: 538345  
Conc: 2.77 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



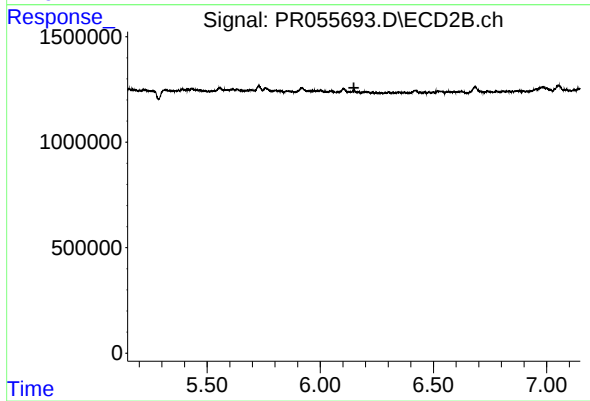
#35 AR-1260-5

R.T.: 6.684 min  
Delta R.T.: 0.000 min  
Response: 384948  
Conc: 1.71 ng/ml



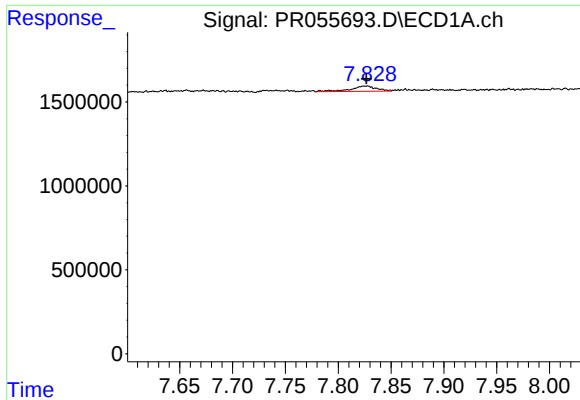
#36 AR-1262-1

R.T.: 7.247 min  
Delta R.T.: 0.001 min  
Response: 229321  
Conc: 1.84 ng/ml



#36 AR-1262-1

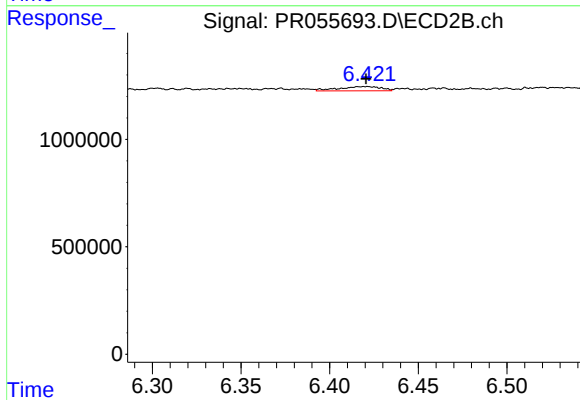
R.T.: 0.000 min  
Exp R.T. : 6.148 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

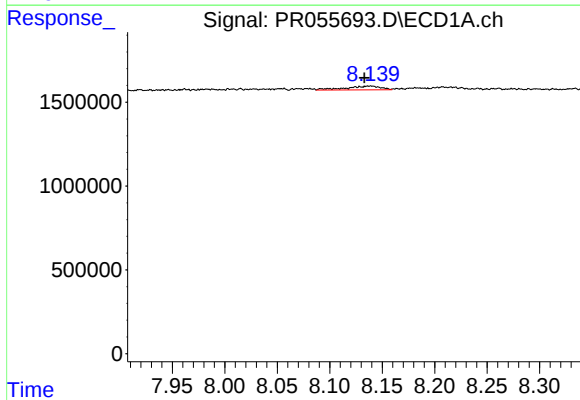
R.T.: 7.826 min  
Delta R.T.: 0.000 min  
Response: 538345  
Conc: 2.52 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



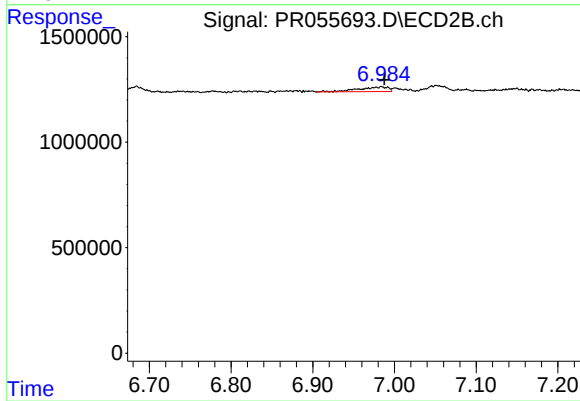
#37 AR-1262-2

R.T.: 6.420 min  
Delta R.T.: 0.000 min  
Response: 329389  
Conc: 2.70 ng/ml



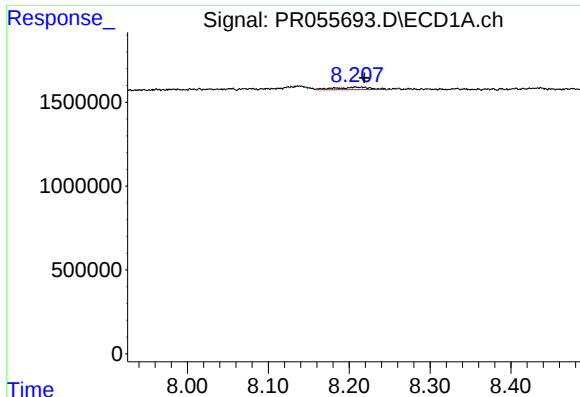
#38 AR-1262-3

R.T.: 8.138 min  
Delta R.T.: 0.005 min  
Response: 528597  
Conc: 3.59 ng/ml



#38 AR-1262-3

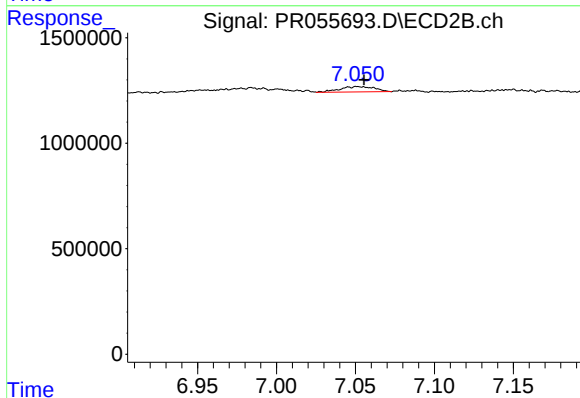
R.T.: 6.984 min  
Delta R.T.: -0.004 min  
Response: 563085  
Conc: 5.85 ng/ml



#39 AR-1262-4

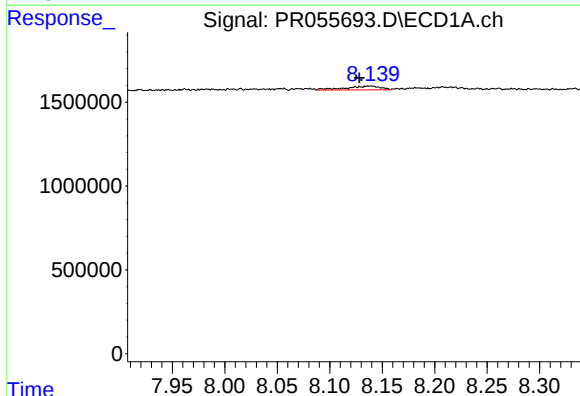
R.T.: 8.208 min  
Delta R.T.: -0.011 min  
Response: 470549  
Conc: 7.49 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



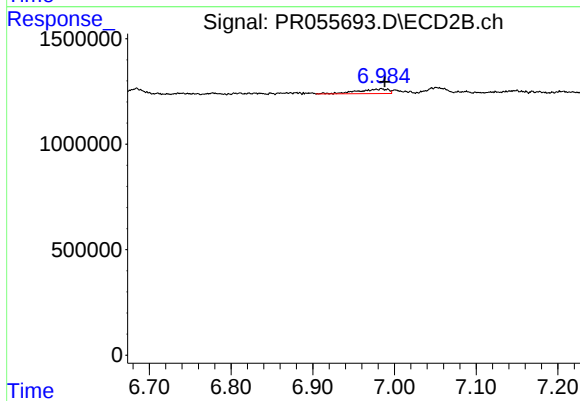
#39 AR-1262-4

R.T.: 7.051 min  
Delta R.T.: -0.004 min  
Response: 388499  
Conc: 2.14 ng/ml



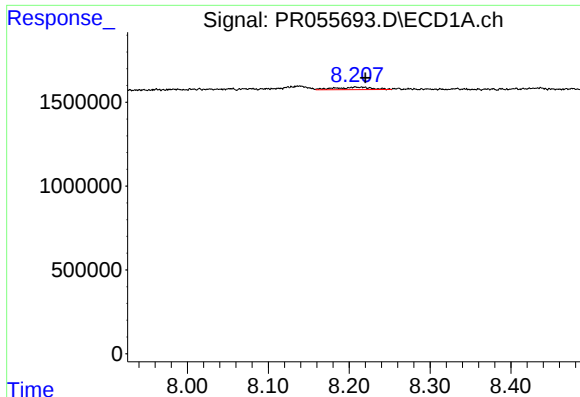
#41 AR-1268-1

R.T.: 8.138 min  
Delta R.T.: 0.010 min  
Response: 528597  
Conc: 2.12 ng/ml



#41 AR-1268-1

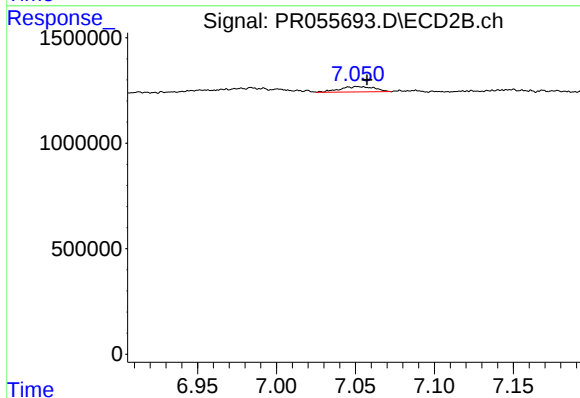
R.T.: 6.984 min  
Delta R.T.: -0.004 min  
Response: 563085  
Conc: 2.00 ng/ml



#42 AR-1268-2

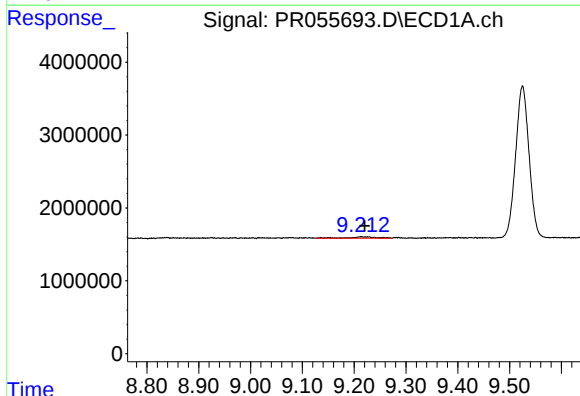
R.T.: 8.208 min  
Delta R.T.: -0.012 min  
Response: 470549  
Conc: 2.06 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



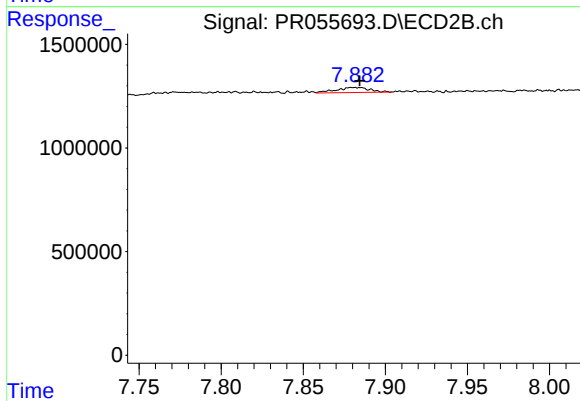
#42 AR-1268-2

R.T.: 7.051 min  
Delta R.T.: -0.006 min  
Response: 388499  
Conc: 1.52 ng/ml



#45 AR-1268-5

R.T.: 9.213 min  
Delta R.T.: -0.008 min  
Response: 671468  
Conc: 1.10 ng/ml



#45 AR-1268-5

R.T.: 7.880 min  
Delta R.T.: -0.004 min  
Response: 352634  
Conc: 0.52 ng/ml