

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR080622\  
 Data File : PR055665.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2022 18:25  
 Operator : AJ\MA  
 Sample : N3980-01  
 Misc : AR1221 LOD 25 PPB  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 06 03:50:33 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  | 2.906  | 86787993 | 41761624 | 20.339 | 20.799  |
| 2)                          | SA Decachlor... | 9.529  | 8.124  | 37623678 | 38536385 | 21.160 | 21.185  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 3)                          | L1 AR-1016-1    | 4.856  | 4.018  | 435620   | 120341   | 3.762  | 1.858 # |
| 4)                          | L1 AR-1016-2    | 4.880  | 4.033  | 482723   | 293063   | 2.941  | 3.209   |
| 5)                          | L1 AR-1016-3    | 4.944  | 4.209  | 359245   | 160596   | 3.632  | 3.150   |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.259  | 0        | 105595   | N.D.   | 2.779 # |
| 7)                          | L1 AR-1016-5    | 5.355  | 0.000  | 871390   | 0        | 12.052 | N.D. #  |
| 8)                          | L2 AR-1221-1    | 3.856  | 3.129  | 1777215  | 762457   | 35.962 | 33.410  |
| 9)                          | L2 AR-1221-2    | 3.946  | 3.208  | 2122796  | 1017012  | 58.594 | 59.315  |
| 10)                         | L2 AR-1221-3    | 4.023  | 3.290  | 3450843  | 1619638  | 32.770 | 30.934  |
| 11)                         | L3 AR-1232-1    | 4.023  | 3.290  | 3450843  | 1619638  | 39.787 | 37.540  |
| 12)                         | L3 AR-1232-2    | 4.569  | 4.033  | 1094223  | 293063   | 25.495 | 7.290 # |
| 13)                         | L3 AR-1232-3    | 4.880  | 4.209  | 482723   | 160596   | 6.596  | 7.437   |
| 16)                         | L4 AR-1242-1    | 4.856  | 4.018  | 435620   | 120341   | 4.632  | 2.244 # |
| 17)                         | L4 AR-1242-2    | 4.880  | 4.033  | 482723   | 293063   | 3.563  | 3.918   |
| 18)                         | L4 AR-1242-3    | 4.944  | 4.209  | 359245   | 160596   | 4.509  | 3.956   |
| 20)                         | L4 AR-1242-5    | 5.826  | 4.868f | 560851   | 216437   | 9.739  | 4.372 # |
| 21)                         | L5 AR-1248-1    | 4.856  | 4.018  | 435620   | 120341   | 5.992  | 2.957 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.259  | 0        | 105595   | N.D.   | 1.908 # |
| 23)                         | L5 AR-1248-3    | 5.355  | 0.000  | 871390   | 0        | 8.757  | N.D. #  |
| 24)                         | L5 AR-1248-4    | 5.764f | 0.000  | 608269   | 0        | 6.224  | N.D. #  |
| 25)                         | L5 AR-1248-5    | 5.826  | 4.868  | 560851   | 216437   | 5.745  | 3.035 # |
| 26)                         | L6 AR-1254-1    | 5.764  | 4.868f | 608269   | 216437   | 5.939  | 1.981 # |
| 28)                         | L6 AR-1254-3    | 6.383  | 5.433f | 318220   | 173882   | 2.172  | 1.142 # |
| 32)                         | L7 AR-1260-2    | 0.000  | 5.732f | 0        | 171975   | N.D.   | 1.407 # |
| 35)                         | L7 AR-1260-5    | 7.825  | 0.000  | 526305   | 0        | 2.707  | N.D. #  |
| 37)                         | L8 AR-1262-2    | 7.825  | 0.000  | 526305   | 0        | 2.466  | N.D. #  |
| 38)                         | L8 AR-1262-3    | 8.130  | 0.000  | 366770   | 0        | 2.488  | N.D. #  |
| 39)                         | L8 AR-1262-4    | 8.210  | 0.000  | 330136   | 0        | 5.253  | N.D. #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 7.591  | 0        | 452690   | N.D.   | 5.283 # |
| 41)                         | L9 AR-1268-1    | 8.130  | 0.000  | 366770   | 0        | 1.471  | N.D. #  |
| 42)                         | L9 AR-1268-2    | 8.210  | 0.000  | 330136   | 0        | 1.446  | N.D. #  |
| 43)                         | L9 AR-1268-3    | 8.440  | 7.277  | 491089   | 247663   | 2.550  | 1.151 # |
| 44)                         | L9 AR-1268-4    | 0.000  | 7.591  | 0        | 452690   | N.D.   | 4.764 # |
| 45)                         | L9 AR-1268-5    | 9.222  | 7.884  | 321930   | 757029   | 0.527  | 1.111 # |
| -----                       |                 |        |        |          |          |        |         |

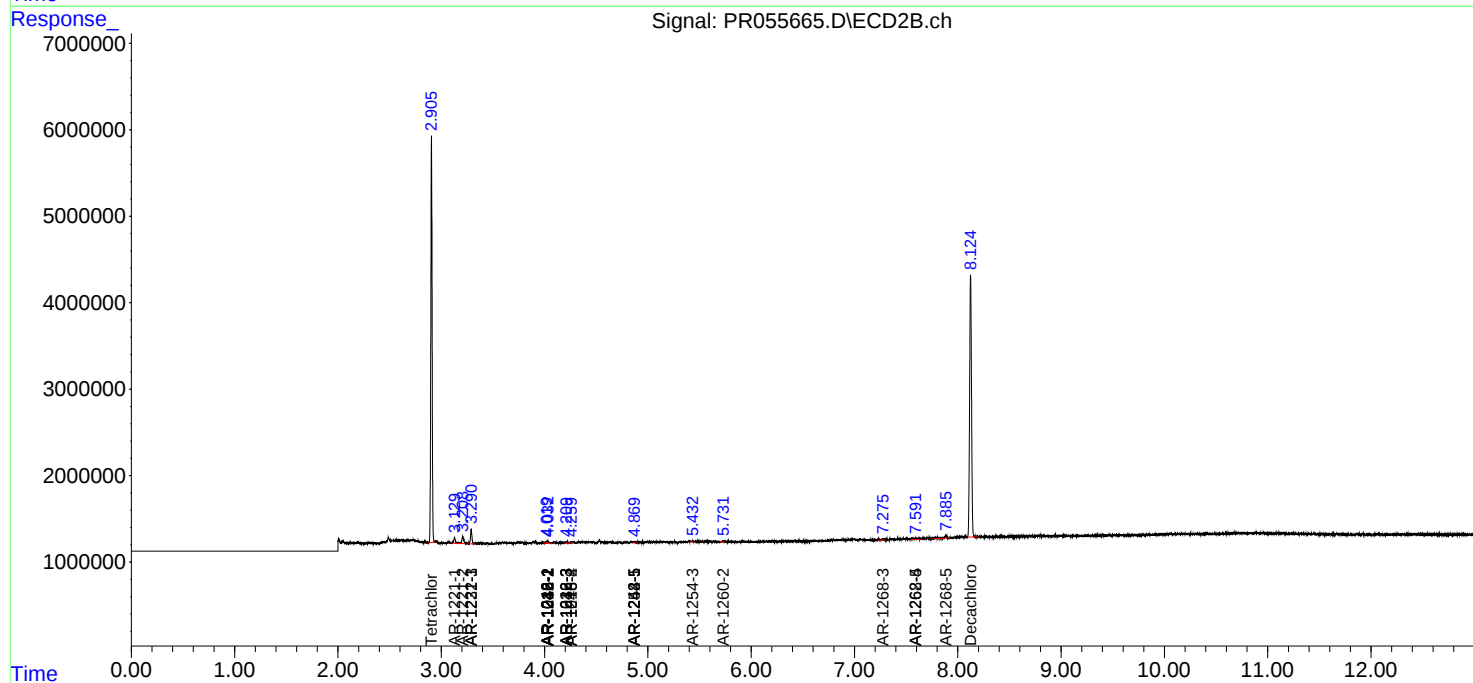
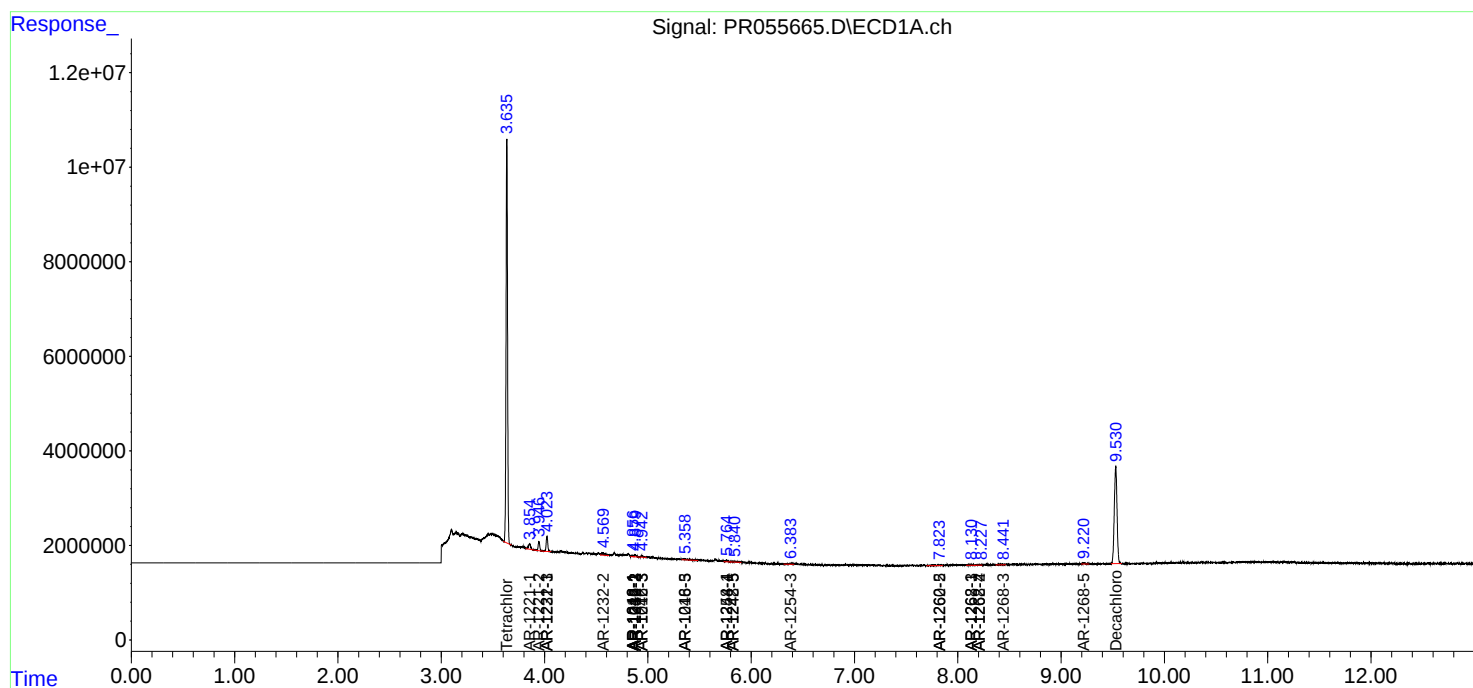
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

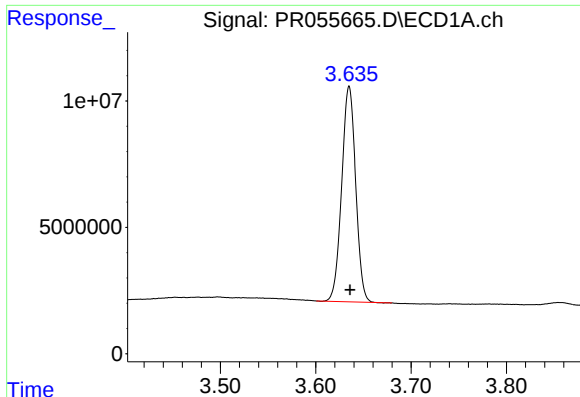
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR080622\  
Data File : PR055665.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Aug 2022 18:25  
Operator : AJ\MA  
Sample : N3980-01  
Misc : AR1221 LOD 25 PPB  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 06 03:50:33 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

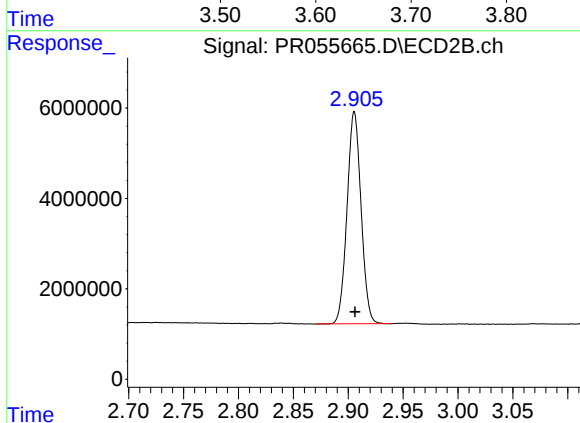




#1 Tetrachloro-m-xylene

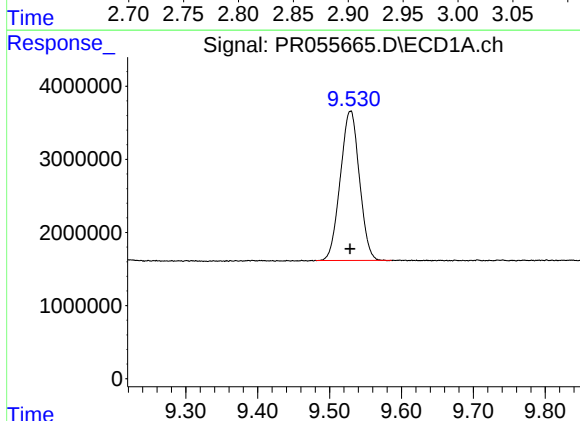
R.T.: 3.635 min  
Delta R.T.: -0.001 min  
Response: 86787993  
Conc: 20.34 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



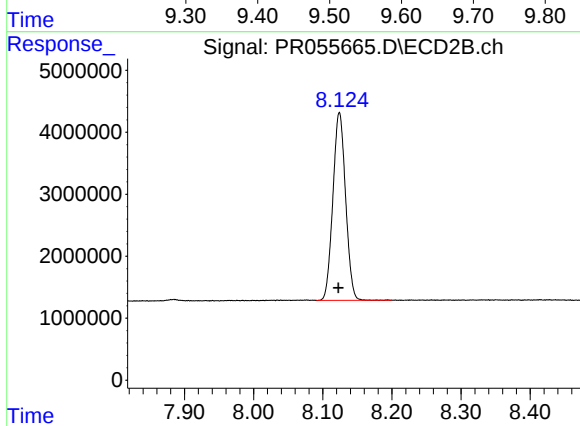
#1 Tetrachloro-m-xylene

R.T.: 2.906 min  
Delta R.T.: 0.000 min  
Response: 41761624  
Conc: 20.80 ng/ml



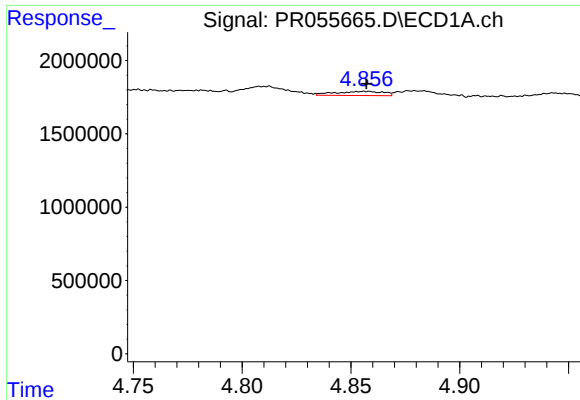
#2 Decachlorobiphenyl

R.T.: 9.529 min  
Delta R.T.: 0.000 min  
Response: 37623678  
Conc: 21.16 ng/ml



#2 Decachlorobiphenyl

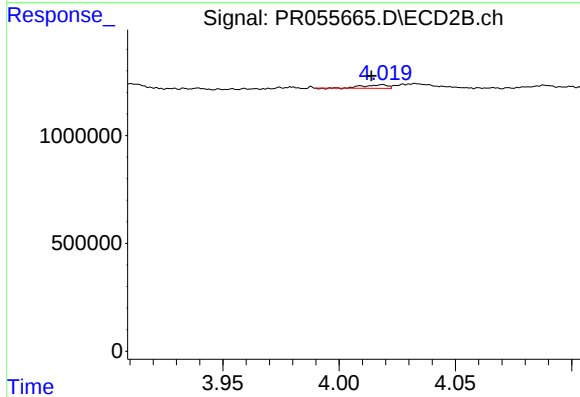
R.T.: 8.124 min  
Delta R.T.: 0.001 min  
Response: 38536385  
Conc: 21.18 ng/ml



#3 AR-1016-1

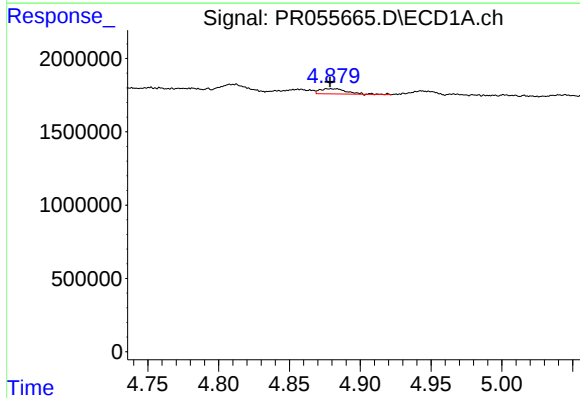
R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 435620  
Conc: 3.76 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



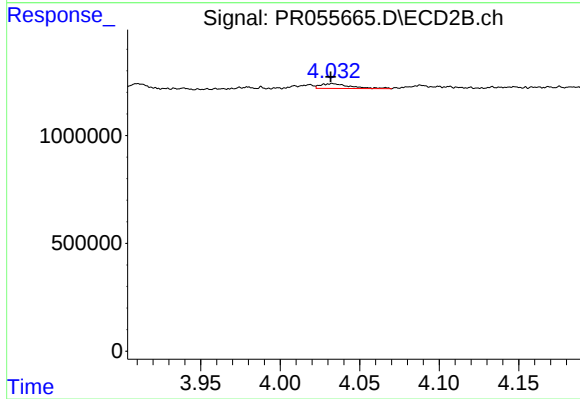
#3 AR-1016-1

R.T.: 4.018 min  
Delta R.T.: 0.005 min  
Response: 120341  
Conc: 1.86 ng/ml



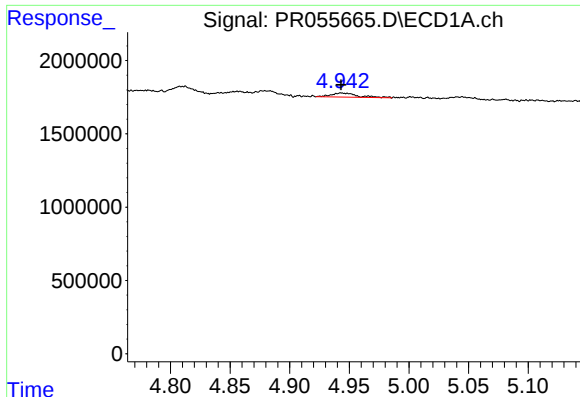
#4 AR-1016-2

R.T.: 4.880 min  
Delta R.T.: 0.001 min  
Response: 482723  
Conc: 2.94 ng/ml



#4 AR-1016-2

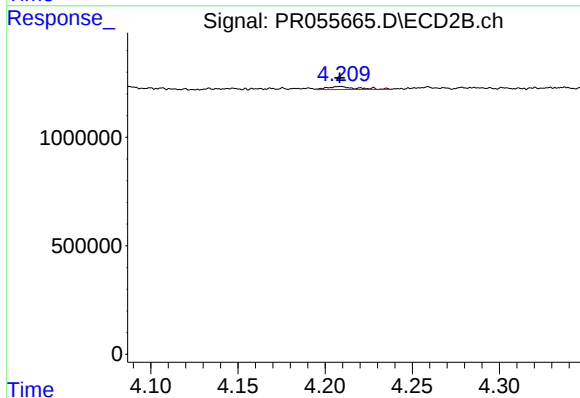
R.T.: 4.033 min  
Delta R.T.: 0.001 min  
Response: 293063  
Conc: 3.21 ng/ml



#5 AR-1016-3

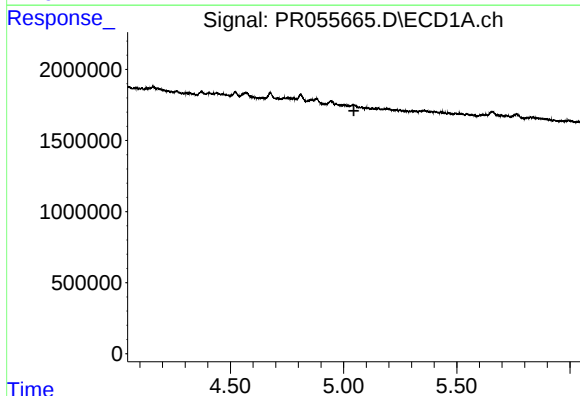
R.T.: 4.944 min  
Delta R.T.: 0.001 min  
Response: 359245  
Conc: 3.63 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



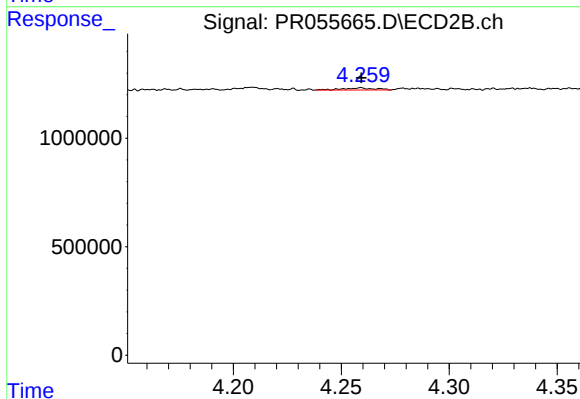
#5 AR-1016-3

R.T.: 4.209 min  
Delta R.T.: 0.000 min  
Response: 160596  
Conc: 3.15 ng/ml



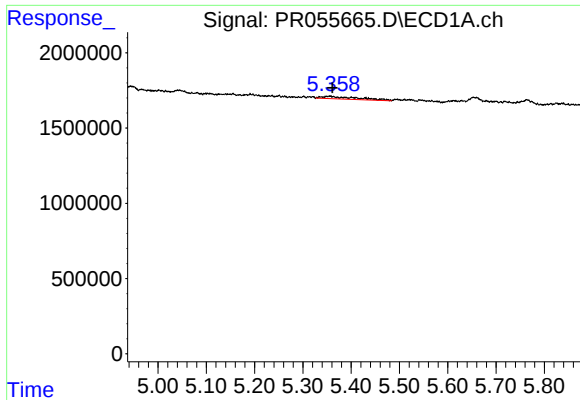
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.046 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

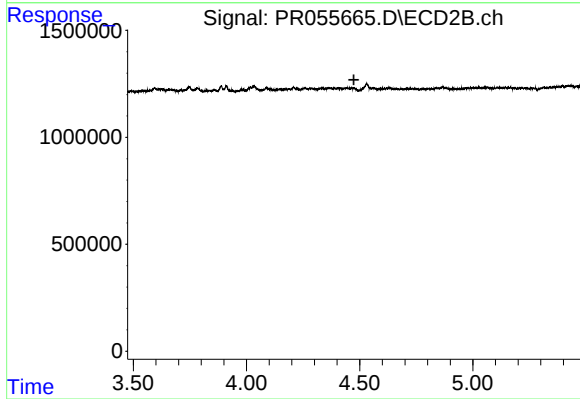
R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 105595  
Conc: 2.78 ng/ml



#7 AR-1016-5

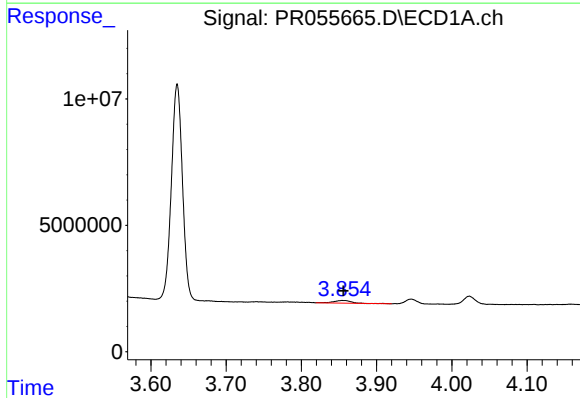
R.T.: 5.355 min  
Delta R.T.: -0.006 min  
Response: 871390  
Conc: 12.05 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



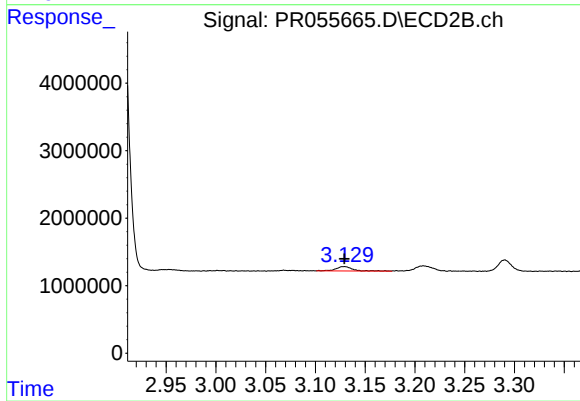
#7 AR-1016-5

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



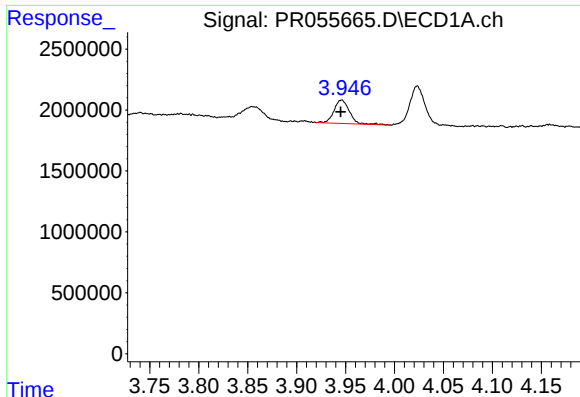
#8 AR-1221-1

R.T.: 3.856 min  
Delta R.T.: 0.000 min  
Response: 1777215  
Conc: 35.96 ng/ml



#8 AR-1221-1

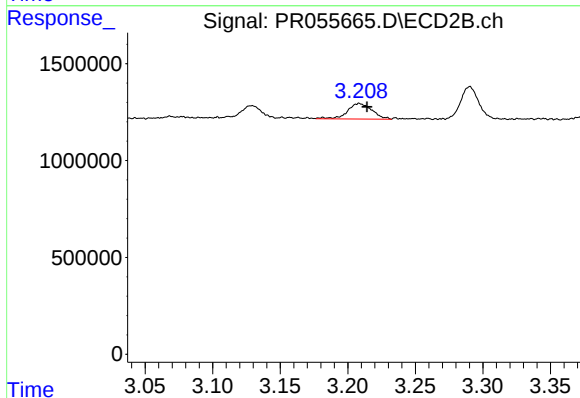
R.T.: 3.129 min  
Delta R.T.: 0.000 min  
Response: 762457  
Conc: 33.41 ng/ml



#9 AR-1221-2

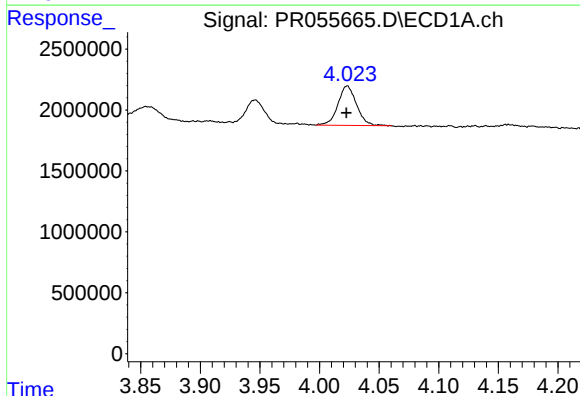
R.T.: 3.946 min  
Delta R.T.: 0.000 min  
Response: 2122796  
Conc: 58.59 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



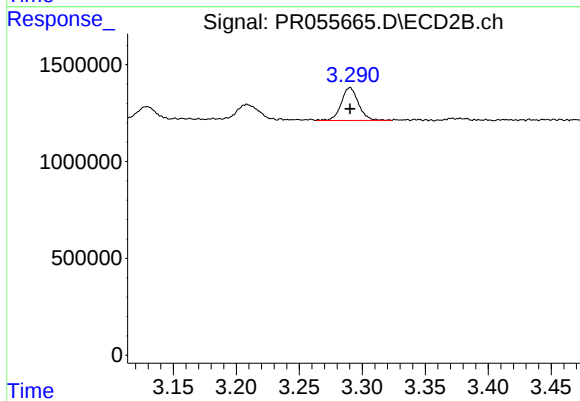
#9 AR-1221-2

R.T.: 3.208 min  
Delta R.T.: -0.006 min  
Response: 1017012  
Conc: 59.32 ng/ml



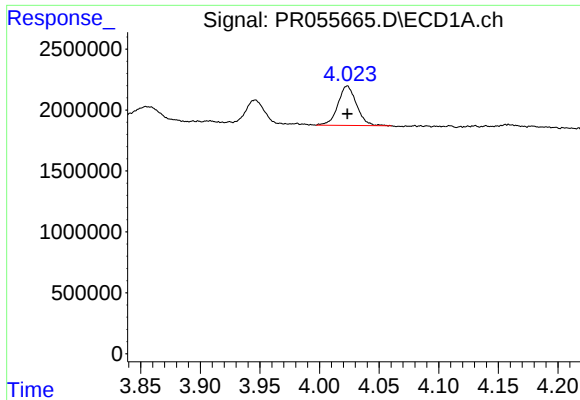
#10 AR-1221-3

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 3450843  
Conc: 32.77 ng/ml



#10 AR-1221-3

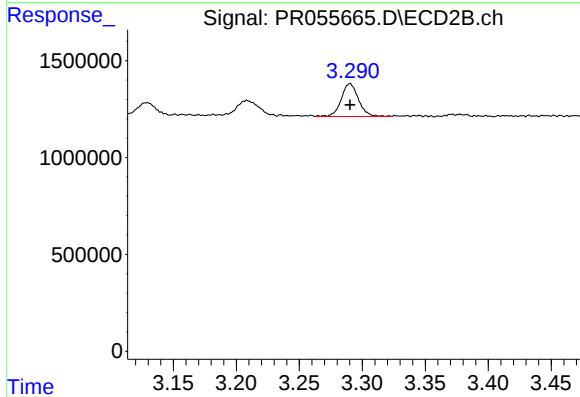
R.T.: 3.290 min  
Delta R.T.: 0.000 min  
Response: 1619638  
Conc: 30.93 ng/ml



#11 AR-1232-1

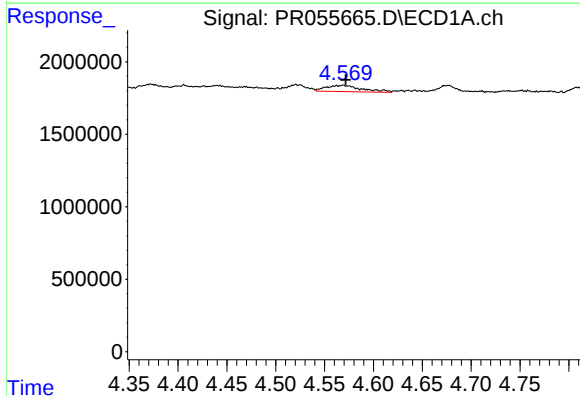
R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 3450843  
Conc: 39.79 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



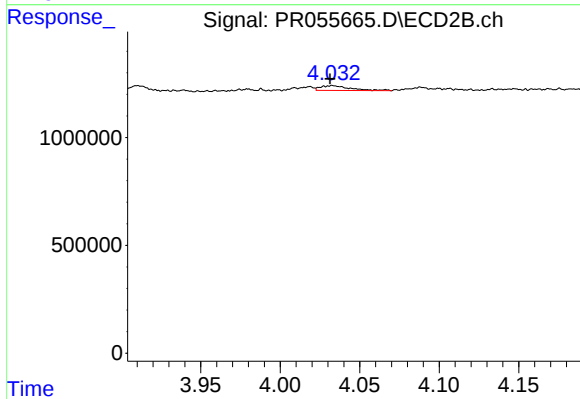
#11 AR-1232-1

R.T.: 3.290 min  
Delta R.T.: 0.000 min  
Response: 1619638  
Conc: 37.54 ng/ml



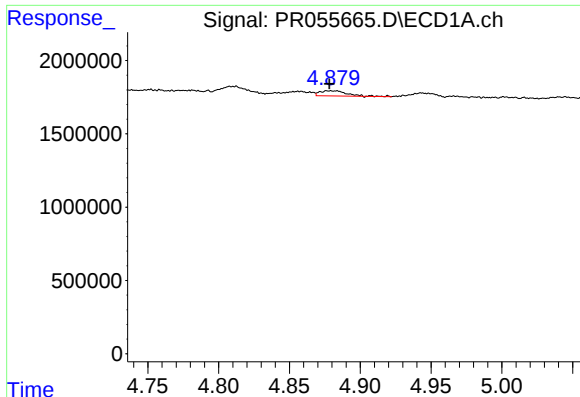
#12 AR-1232-2

R.T.: 4.569 min  
Delta R.T.: -0.003 min  
Response: 1094223  
Conc: 25.49 ng/ml



#12 AR-1232-2

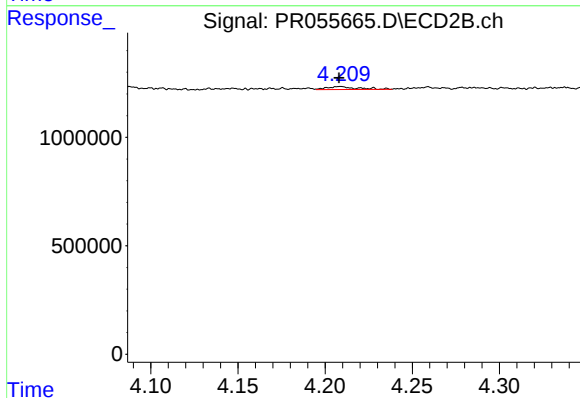
R.T.: 4.033 min  
Delta R.T.: 0.002 min  
Response: 293063  
Conc: 7.29 ng/ml



#13 AR-1232-3

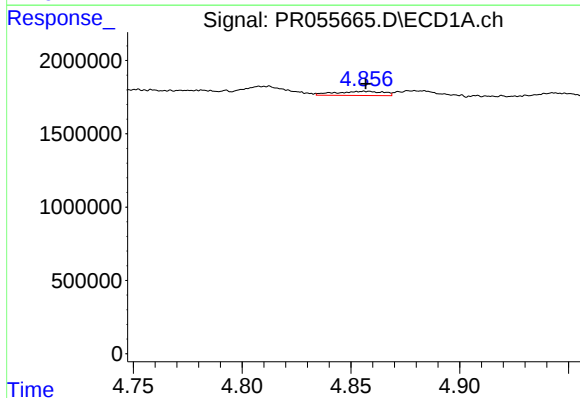
R.T.: 4.880 min  
Delta R.T.: 0.002 min  
Response: 482723  
Conc: 6.60 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



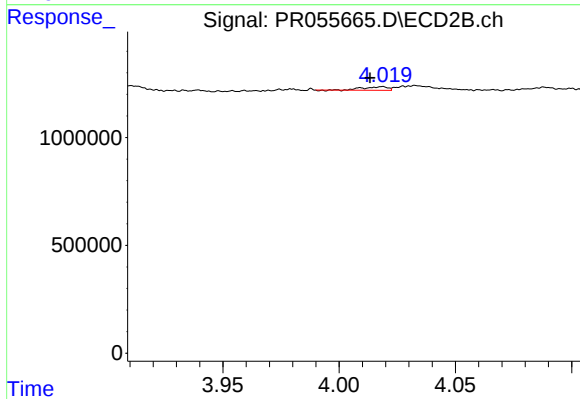
#13 AR-1232-3

R.T.: 4.209 min  
Delta R.T.: 0.000 min  
Response: 160596  
Conc: 7.44 ng/ml



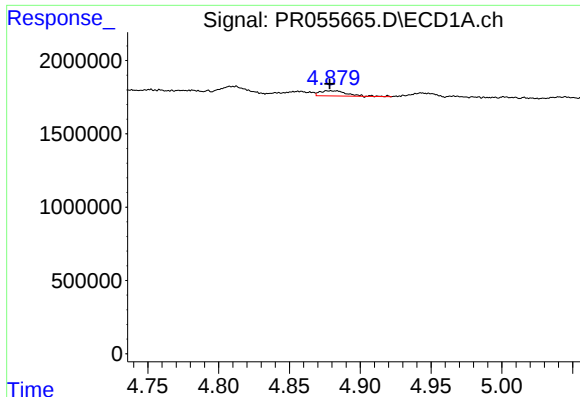
#16 AR-1242-1

R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 435620  
Conc: 4.63 ng/ml



#16 AR-1242-1

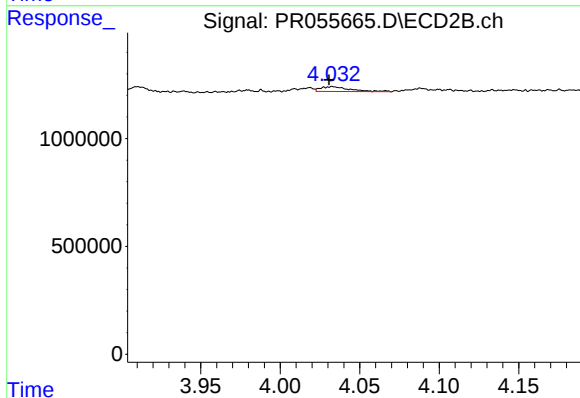
R.T.: 4.018 min  
Delta R.T.: 0.005 min  
Response: 120341  
Conc: 2.24 ng/ml



#17 AR-1242-2

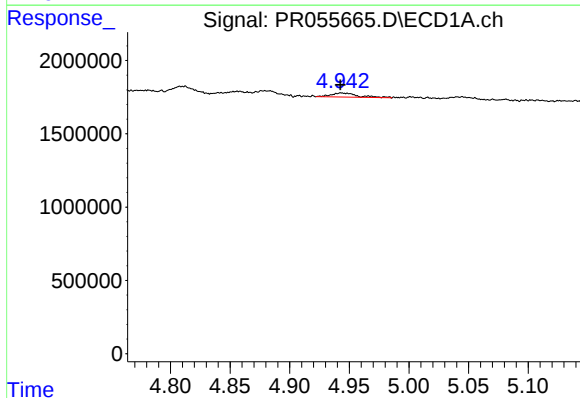
R.T.: 4.880 min  
Delta R.T.: 0.001 min  
Response: 482723  
Conc: 3.56 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



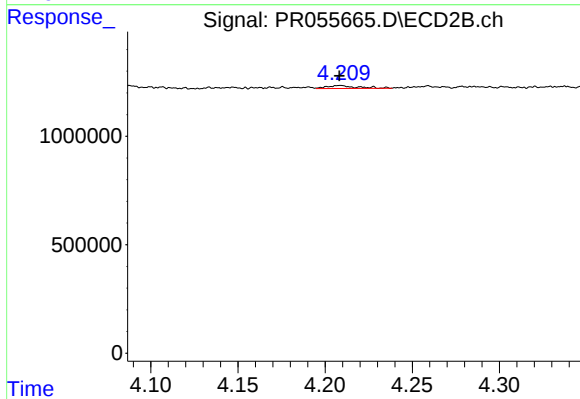
#17 AR-1242-2

R.T.: 4.033 min  
Delta R.T.: 0.002 min  
Response: 293063  
Conc: 3.92 ng/ml



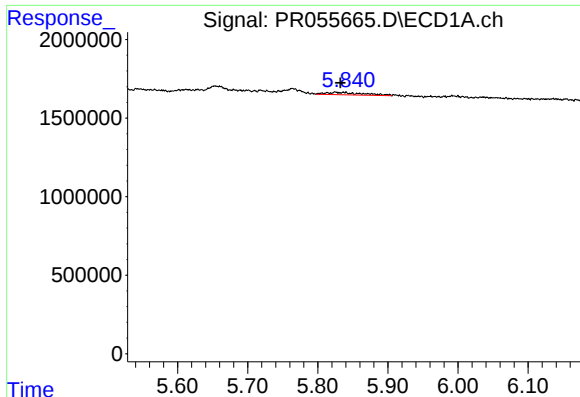
#18 AR-1242-3

R.T.: 4.944 min  
Delta R.T.: 0.002 min  
Response: 359245  
Conc: 4.51 ng/ml



#18 AR-1242-3

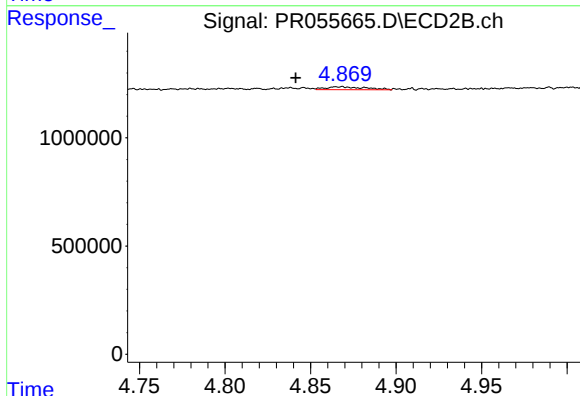
R.T.: 4.209 min  
Delta R.T.: 0.000 min  
Response: 160596  
Conc: 3.96 ng/ml



#20 AR-1242-5

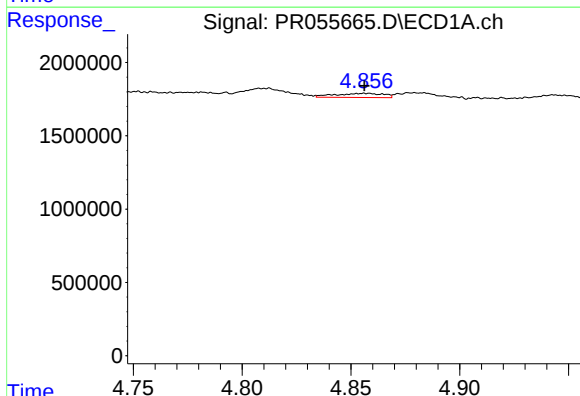
R.T.: 5.826 min  
Delta R.T.: -0.007 min  
Response: 560851  
Conc: 9.74 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



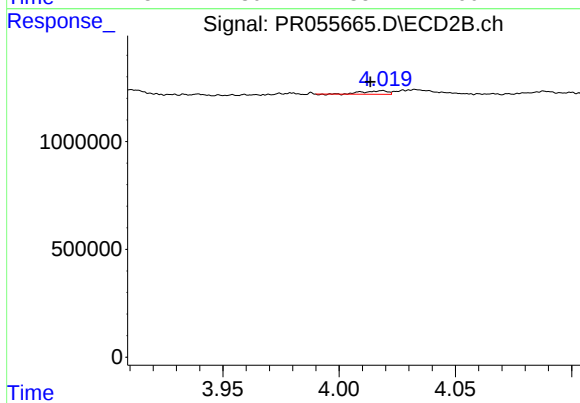
#20 AR-1242-5

R.T.: 4.868 min  
Delta R.T.: 0.027 min  
Response: 216437  
Conc: 4.37 ng/ml



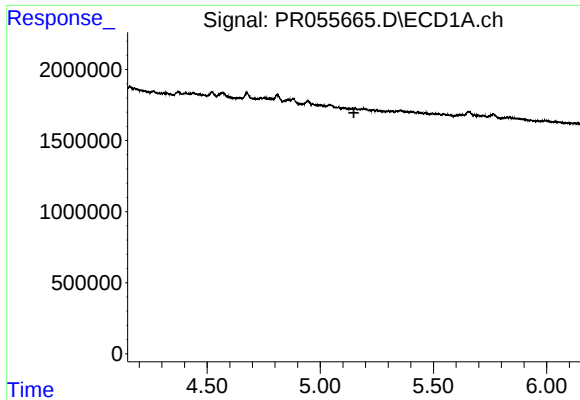
#21 AR-1248-1

R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 435620  
Conc: 5.99 ng/ml



#21 AR-1248-1

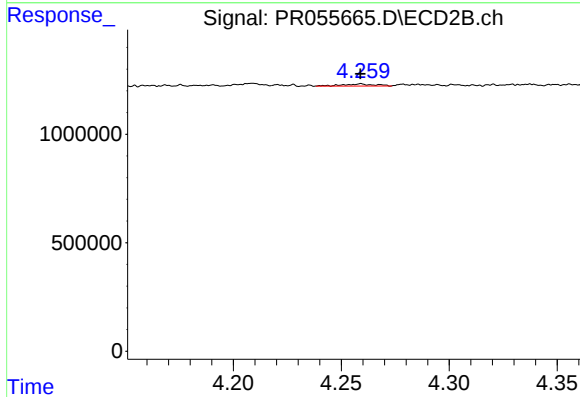
R.T.: 4.018 min  
Delta R.T.: 0.005 min  
Response: 120341  
Conc: 2.96 ng/ml



#22 AR-1248-2

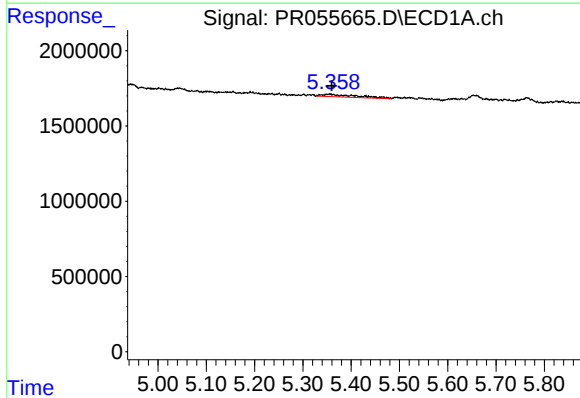
R.T.: 0.000 min  
Exp R.T.: 5.148 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



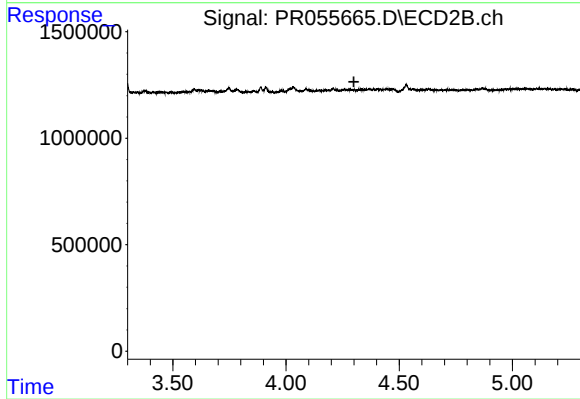
#22 AR-1248-2

R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 105595  
Conc: 1.91 ng/ml



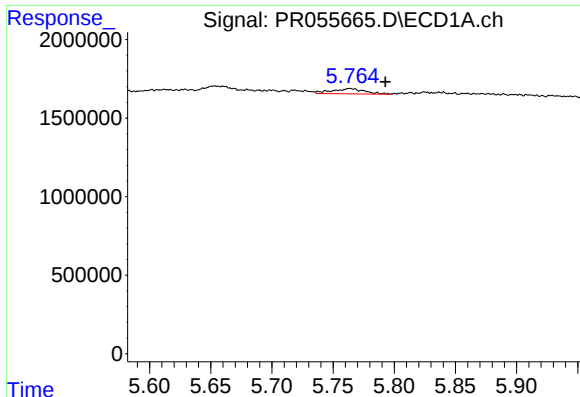
#23 AR-1248-3

R.T.: 5.355 min  
Delta R.T.: -0.005 min  
Response: 871390  
Conc: 8.76 ng/ml



#23 AR-1248-3

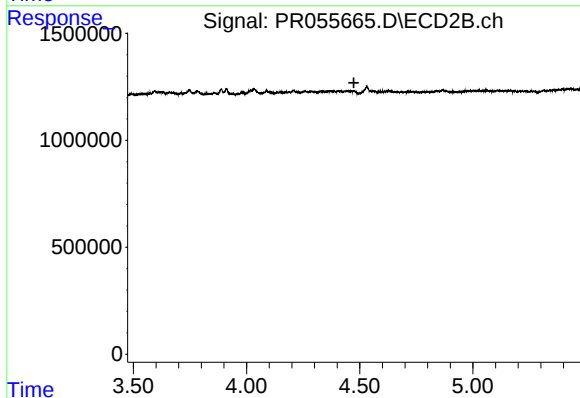
R.T.: 0.000 min  
Exp R.T.: 4.300 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

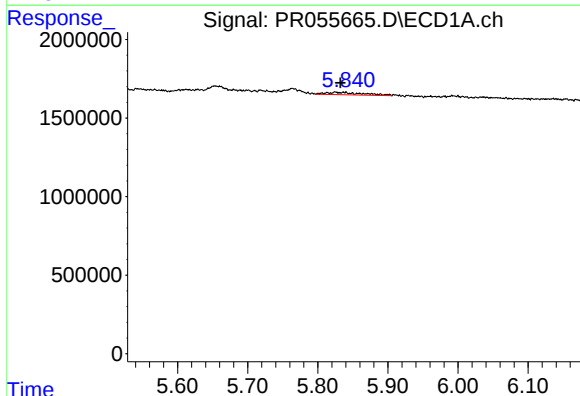
R.T.: 5.764 min  
Delta R.T.: -0.029 min  
Response: 608269  
Conc: 6.22 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



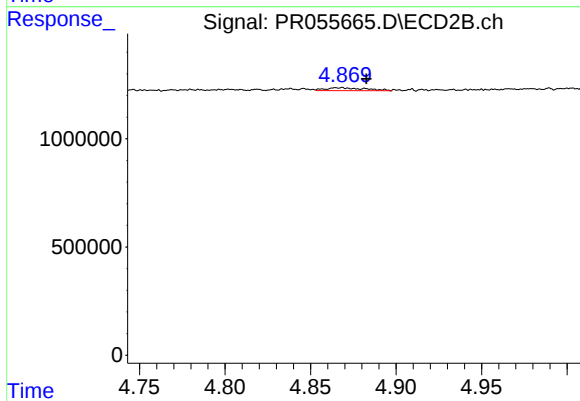
#24 AR-1248-4

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



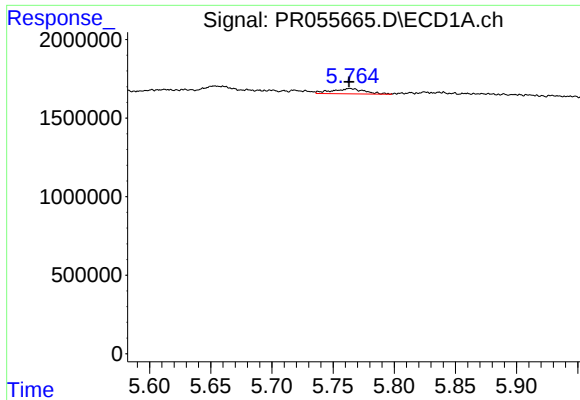
#25 AR-1248-5

R.T.: 5.826 min  
Delta R.T.: -0.007 min  
Response: 560851  
Conc: 5.74 ng/ml



#25 AR-1248-5

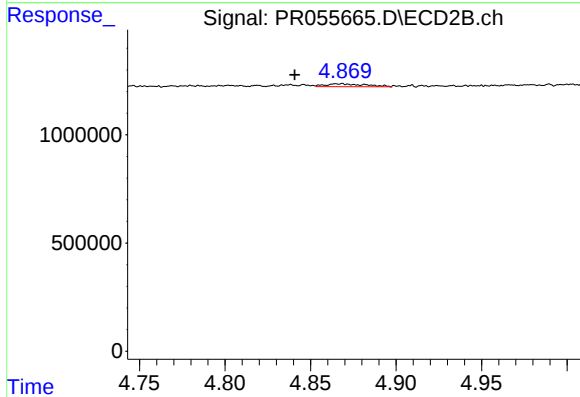
R.T.: 4.868 min  
Delta R.T.: -0.015 min  
Response: 216437  
Conc: 3.03 ng/ml



#26 AR-1254-1

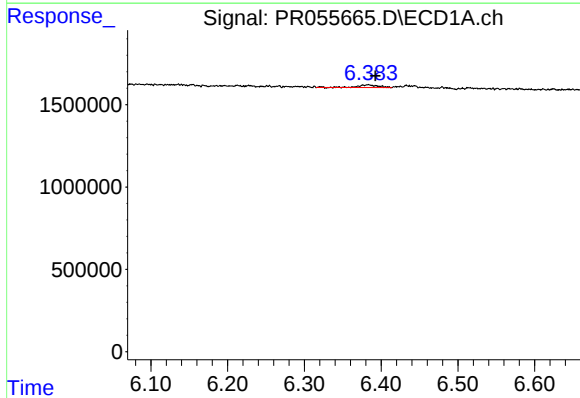
R.T.: 5.764 min  
Delta R.T.: 0.000 min  
Response: 608269  
Conc: 5.94 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



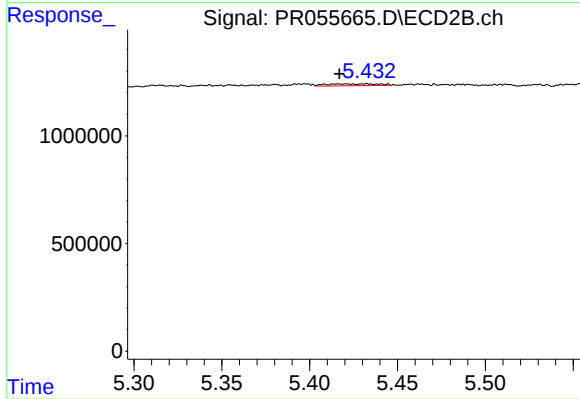
#26 AR-1254-1

R.T.: 4.868 min  
Delta R.T.: 0.027 min  
Response: 216437  
Conc: 1.98 ng/ml



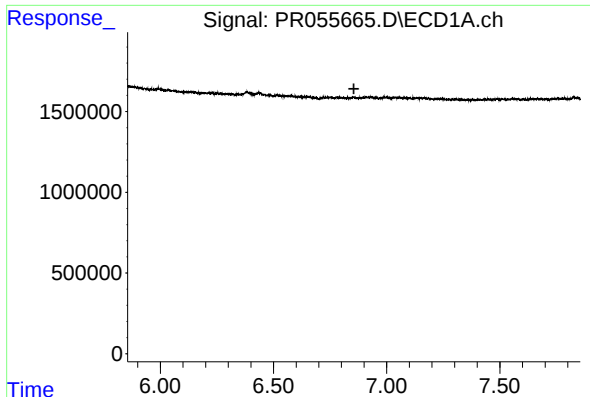
#28 AR-1254-3

R.T.: 6.383 min  
Delta R.T.: -0.010 min  
Response: 318220  
Conc: 2.17 ng/ml



#28 AR-1254-3

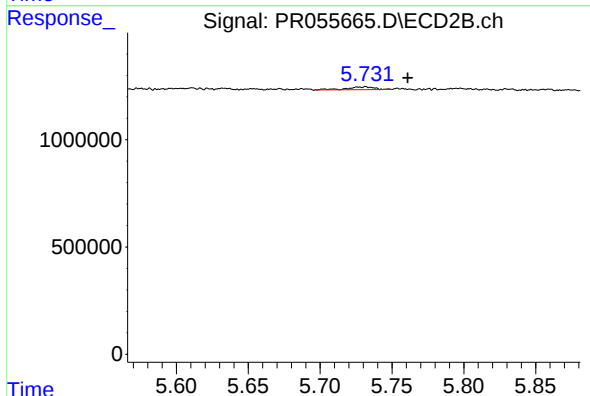
R.T.: 5.433 min  
Delta R.T.: 0.016 min  
Response: 173882  
Conc: 1.14 ng/ml



#32 AR-1260-2

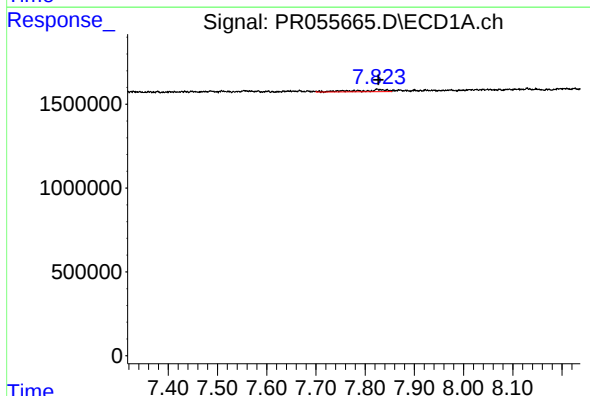
R.T.: 0.000 min  
Exp R.T.: 6.855 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



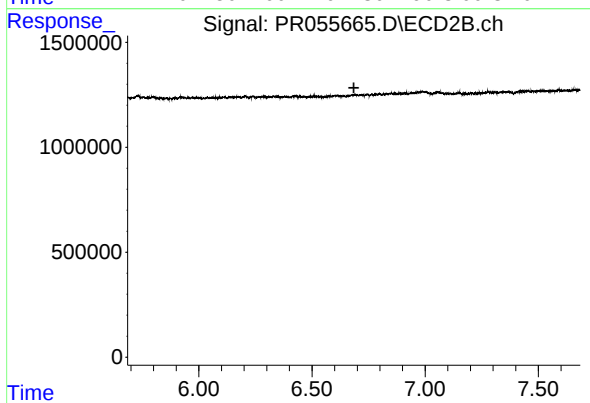
#32 AR-1260-2

R.T.: 5.732 min  
Delta R.T.: -0.029 min  
Response: 171975  
Conc: 1.41 ng/ml



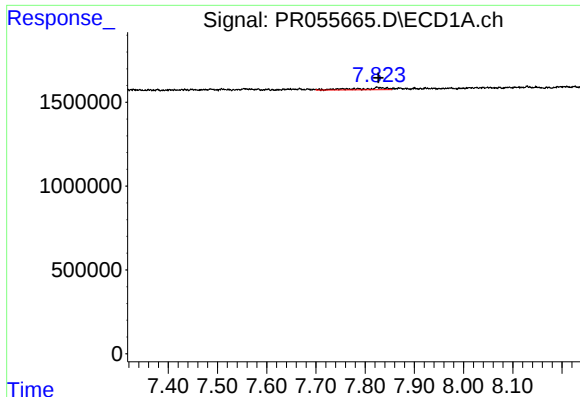
#35 AR-1260-5

R.T.: 7.825 min  
Delta R.T.: -0.002 min  
Response: 526305  
Conc: 2.71 ng/ml



#35 AR-1260-5

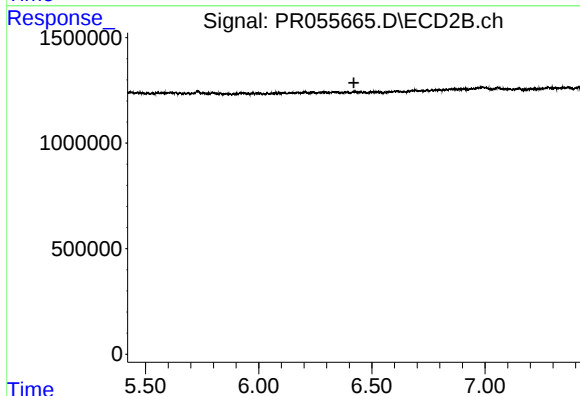
R.T.: 0.000 min  
Exp R.T.: 6.685 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

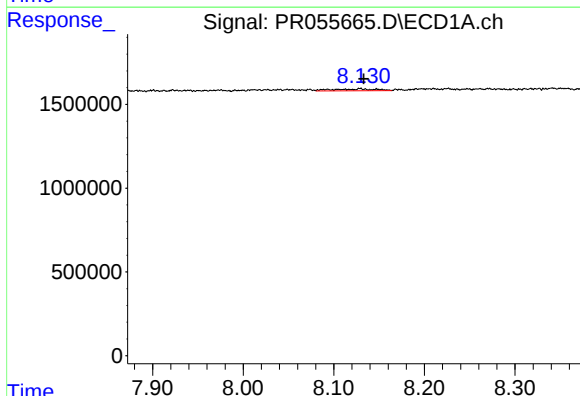
R.T.: 7.825 min  
Delta R.T.: -0.002 min  
Response: 526305  
Conc: 2.47 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



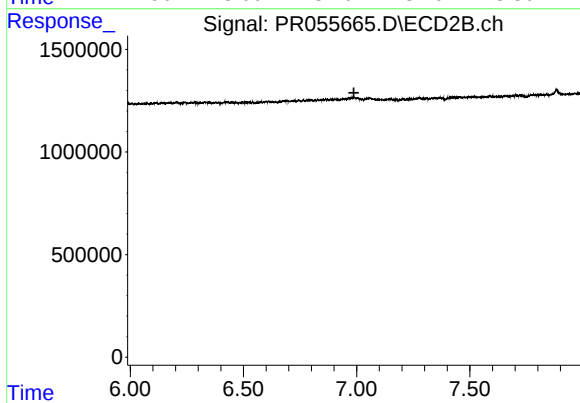
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 6.420 min  
Response: 0  
Conc: N.D.



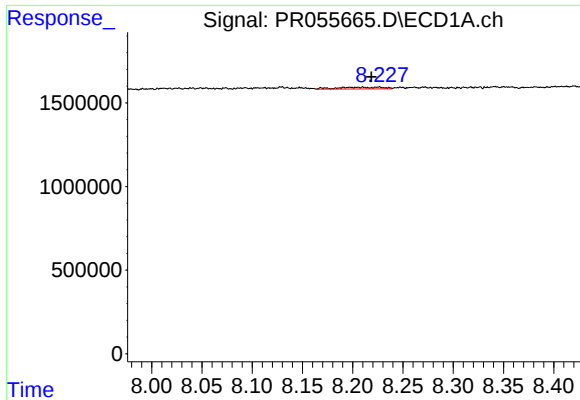
#38 AR-1262-3

R.T.: 8.130 min  
Delta R.T.: -0.003 min  
Response: 366770  
Conc: 2.49 ng/ml



#38 AR-1262-3

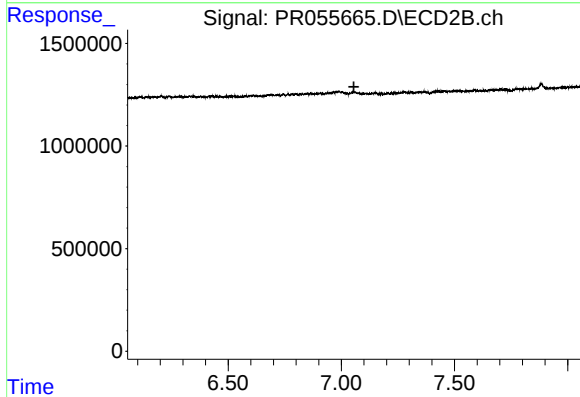
R.T.: 0.000 min  
Exp R.T. : 6.988 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

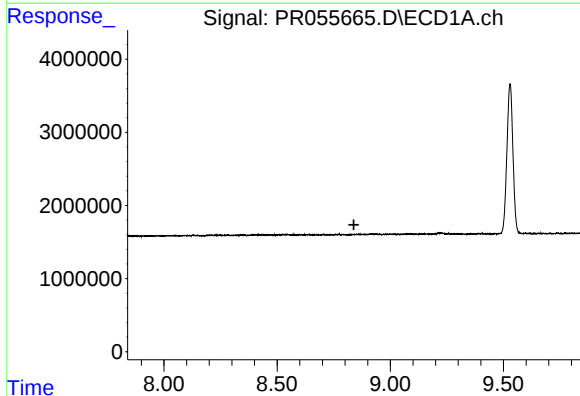
R.T.: 8.210 min  
Delta R.T.: -0.009 min  
Response: 330136  
Conc: 5.25 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



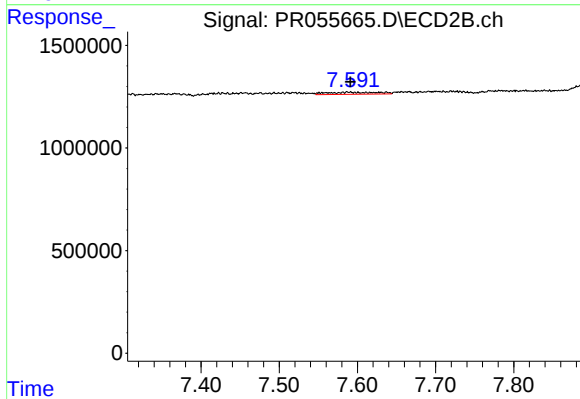
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.056 min  
Response: 0  
Conc: N.D.



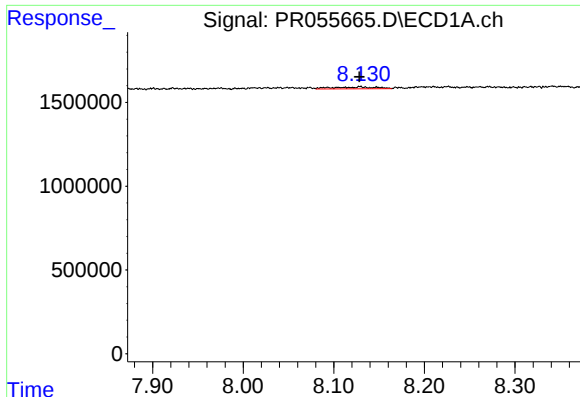
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 8.839 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

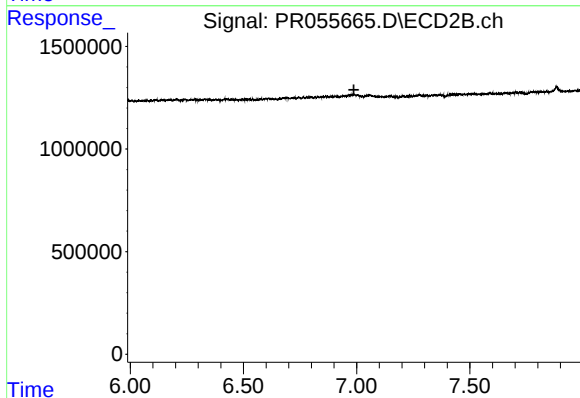
R.T.: 7.591 min  
Delta R.T.: 0.000 min  
Response: 452690  
Conc: 5.28 ng/ml



#41 AR-1268-1

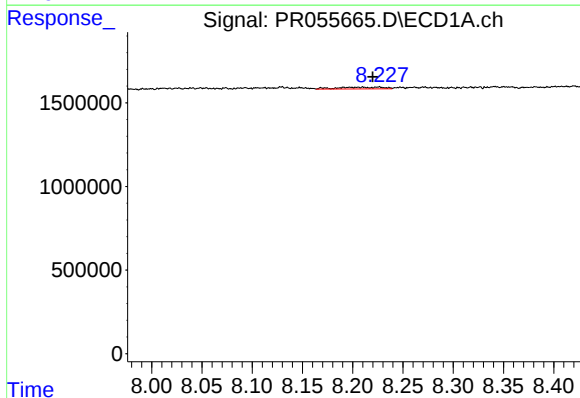
R.T.: 8.130 min  
Delta R.T.: 0.002 min  
Response: 366770  
Conc: 1.47 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



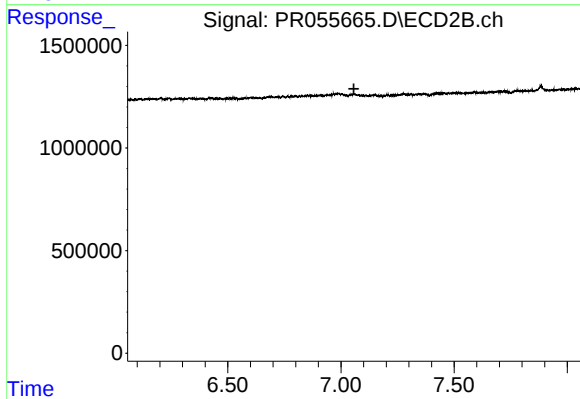
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 6.988 min  
Response: 0  
Conc: N.D.



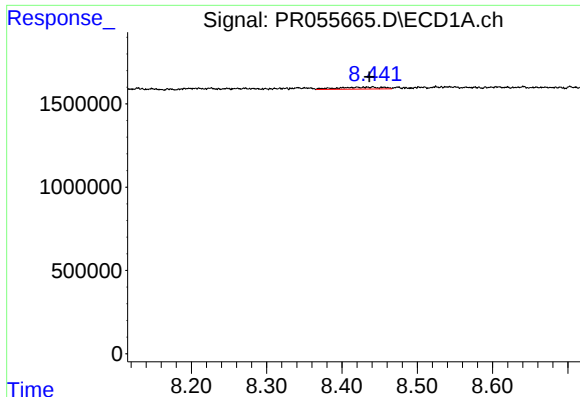
#42 AR-1268-2

R.T.: 8.210 min  
Delta R.T.: -0.010 min  
Response: 330136  
Conc: 1.45 ng/ml



#42 AR-1268-2

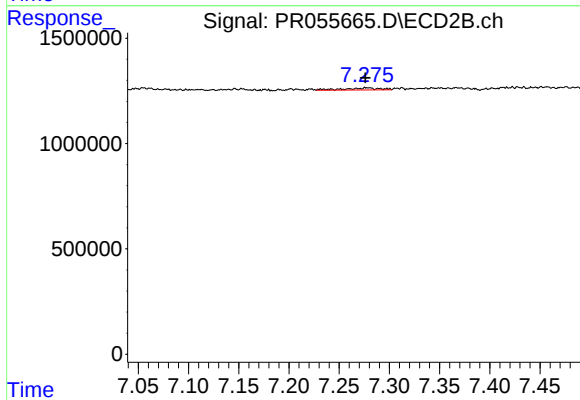
R.T.: 0.000 min  
Exp R.T. : 7.057 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

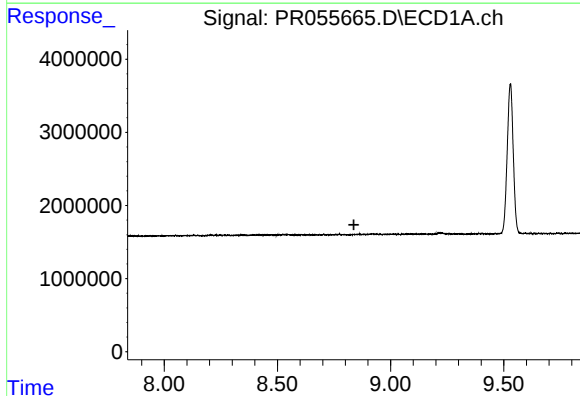
R.T.: 8.440 min  
Delta R.T.: 0.004 min  
Response: 491089  
Conc: 2.55 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



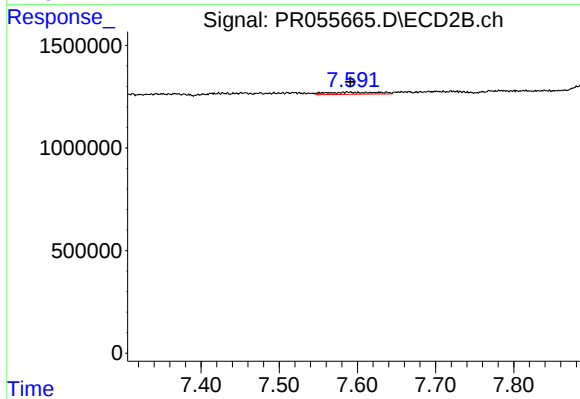
#43 AR-1268-3

R.T.: 7.277 min  
Delta R.T.: 0.001 min  
Response: 247663  
Conc: 1.15 ng/ml



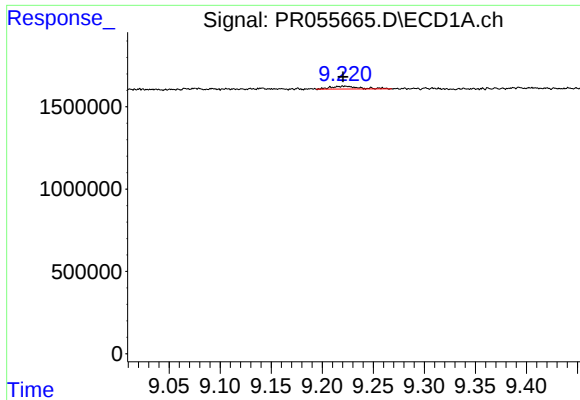
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 8.838 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

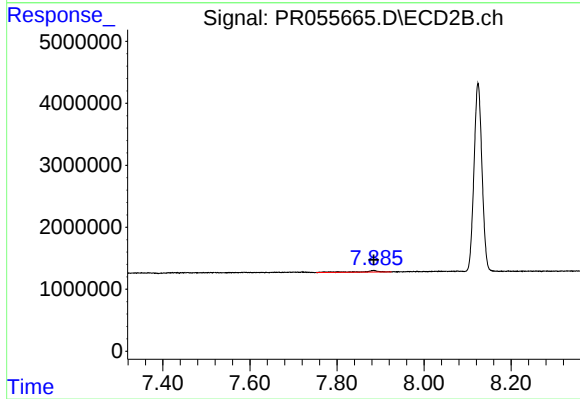
R.T.: 7.591 min  
Delta R.T.: 0.000 min  
Response: 452690  
Conc: 4.76 ng/ml



#45 AR-1268-5

R.T.: 9.222 min  
Delta R.T.: 0.001 min  
Response: 321930  
Conc: 0.53 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



#45 AR-1268-5

R.T.: 7.884 min  
Delta R.T.: 0.000 min  
Response: 757029  
Conc: 1.11 ng/ml