

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR092923\  
 Data File : PR063740.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Sep 2023 19:40  
 Operator : YP\AJ  
 Sample : 04607-18  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 29 21:36:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR091223CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 13 07:34:49 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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... | 3.666  | 2.880  | 127.0E6  | 74880199 | 19.573 | 21.903   |
| 2)                          | SA Decachlor... | 9.662  | 8.169  | 71806131 | 55833587 | 19.391 | 18.682   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 4.925  | 4.015  | 3094725  | 429992   | 15.841 | 3.820 #  |
| 4)                          | L1 AR-1016-2    | 4.925  | 4.015  | 3094725  | 429992   | 10.984 | 2.531 #  |
| 5)                          | L1 AR-1016-3    | 5.001  | 4.202  | 842407   | 178052   | 5.014  | 2.048 #  |
| 6)                          | L1 AR-1016-4    | 5.040f | 4.270  | 391241   | 34531    | 2.851  | 0.511 #  |
| 7)                          | L1 AR-1016-5    | 5.382f | 4.470  | 79298    | 274745   | 0.594  | 3.173 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.134  | 0        | 110084   | N.D.   | 2.973 #  |
| 9)                          | L2 AR-1221-2    | 3.981  | 3.184  | 1293355  | 898520   | 27.555 | 34.845 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.316f | 0        | 337028   | N.D.   | 3.518 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.316f | 0        | 337028   | N.D.   | 4.229 #  |
| 12)                         | L3 AR-1232-2    | 4.691f | 4.015  | 298476   | 429992   | 4.713  | 5.746    |
| 13)                         | L3 AR-1232-3    | 4.925  | 4.202  | 3094725  | 178052   | 24.598 | 4.729 #  |
| 14)                         | L3 AR-1232-4    | 5.040f | 4.286  | 391241   | 265104   | 6.457  | 8.355 #  |
| 15)                         | L3 AR-1232-5    | 5.204  | 4.470  | 809277   | 274745   | 18.709 | 7.620 #  |
| 16)                         | L4 AR-1242-1    | 4.925  | 4.015  | 3094725  | 429992   | 18.563 | 4.504 #  |
| 17)                         | L4 AR-1242-2    | 4.925  | 4.015  | 3094725  | 429992   | 12.970 | 3.011 #  |
| 18)                         | L4 AR-1242-3    | 5.001  | 4.202  | 842407   | 178052   | 5.933  | 2.431 #  |
| 19)                         | L4 AR-1242-4    | 5.040f | 4.286  | 391241   | 265104   | 3.338  | 3.876    |
| 20)                         | L4 AR-1242-5    | 5.898  | 4.846  | 1347957  | 538608   | 11.624 | 6.157 #  |
| 21)                         | L5 AR-1248-1    | 4.925  | 4.006  | 3094725  | 153249   | 23.934 | 2.052 #  |
| 22)                         | L5 AR-1248-2    | 5.204  | 4.270  | 809277   | 34531    | 4.772  | 0.323 #  |
| 23)                         | L5 AR-1248-3    | 5.382f | 4.286  | 79298    | 265104   | 0.393  | 2.493 #  |
| 24)                         | L5 AR-1248-4    | 5.848  | 4.470  | 1211568  | 274745   | 5.561  | 2.115 #  |
| 25)                         | L5 AR-1248-5    | 5.898  | 4.882  | 1347957  | 522338   | 6.406  | 4.064 #  |
| 26)                         | L6 AR-1254-1    | 5.848  | 4.846  | 1211568  | 538608   | 5.521  | 2.728 #  |
| 27)                         | L6 AR-1254-2    | 6.058  | 5.019  | 620682   | 292902   | 1.873  | 1.733    |
| 28)                         | L6 AR-1254-3    | 6.448  | 5.426  | 1456877  | 1226911  | 4.325  | 4.520    |
| 29)                         | L6 AR-1254-4    | 6.754  | 5.646f | 474099   | 14882562 | 2.046  | 88.711 # |
| 30)                         | L6 AR-1254-5    | 7.193f | 6.075f | 920277   | 469254   | 3.768  | 2.018 #  |
| 31)                         | L7 AR-1260-1    | 6.663  | 5.646f | 142231   | 14882562 | 0.592  | 83.888 # |
| 32)                         | L7 AR-1260-2    | 6.870f | 5.826f | 518028   | 755404   | 1.889  | 3.549 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 6.435  | 0        | 669094   | N.D.   | 4.086 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.041  | 0        | 430502   | N.D.   | 2.419 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.105  | 0        | 598285   | N.D.   | 1.779 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.041  | 0        | 430502   | N.D.   | 0.798 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.105  | 0        | 598285   | N.D.   | 1.219 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.358f | 0        | 17827517 | N.D.   | 42.886 # |
| 45)                         | L9 AR-1268-5    | 9.349  | 7.926  | 471008   | 449346   | 0.307  | 0.335    |
| -----                       |                 |        |        |          |          |        |          |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR092923\  
Data File : PR063740.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Sep 2023 19:40  
Operator : YP\AJ  
Sample : 04607-18  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 29 21:36:58 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR091223CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 13 07:34:49 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

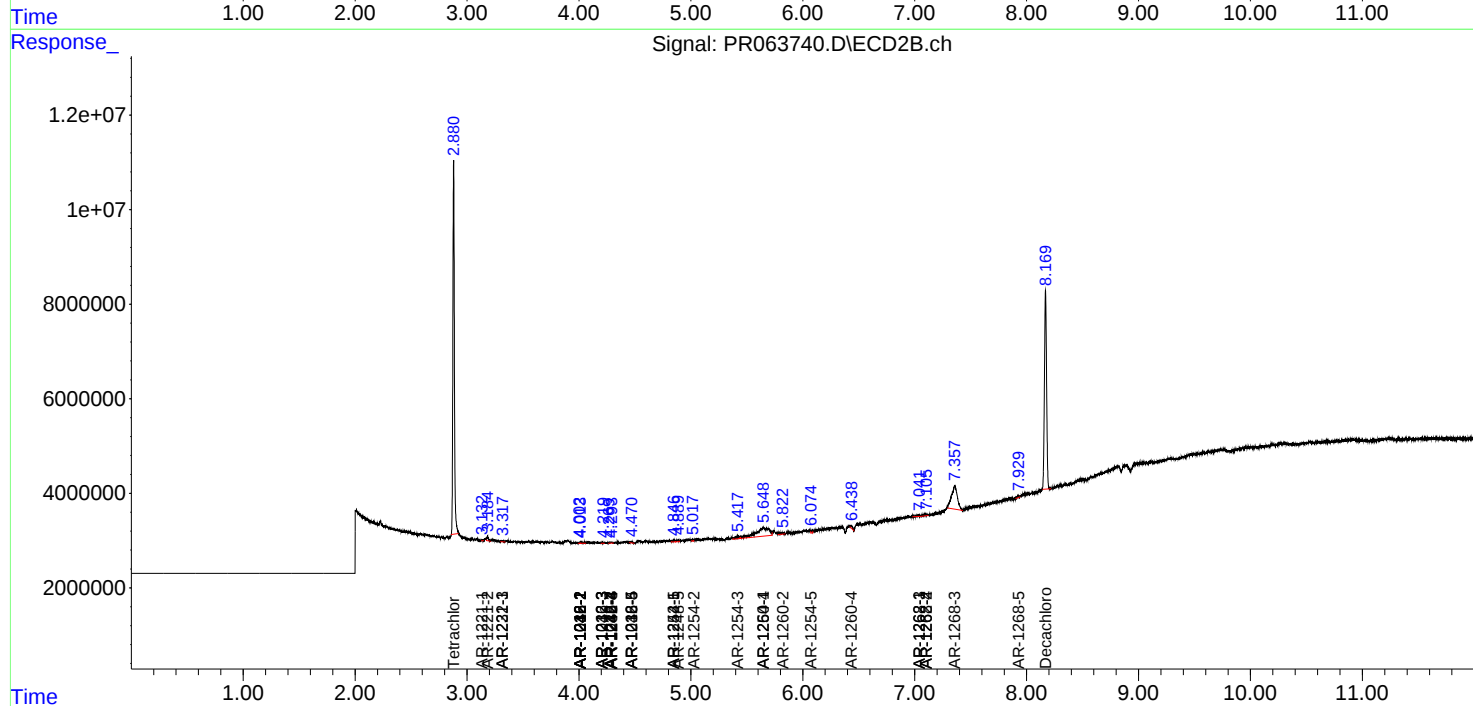
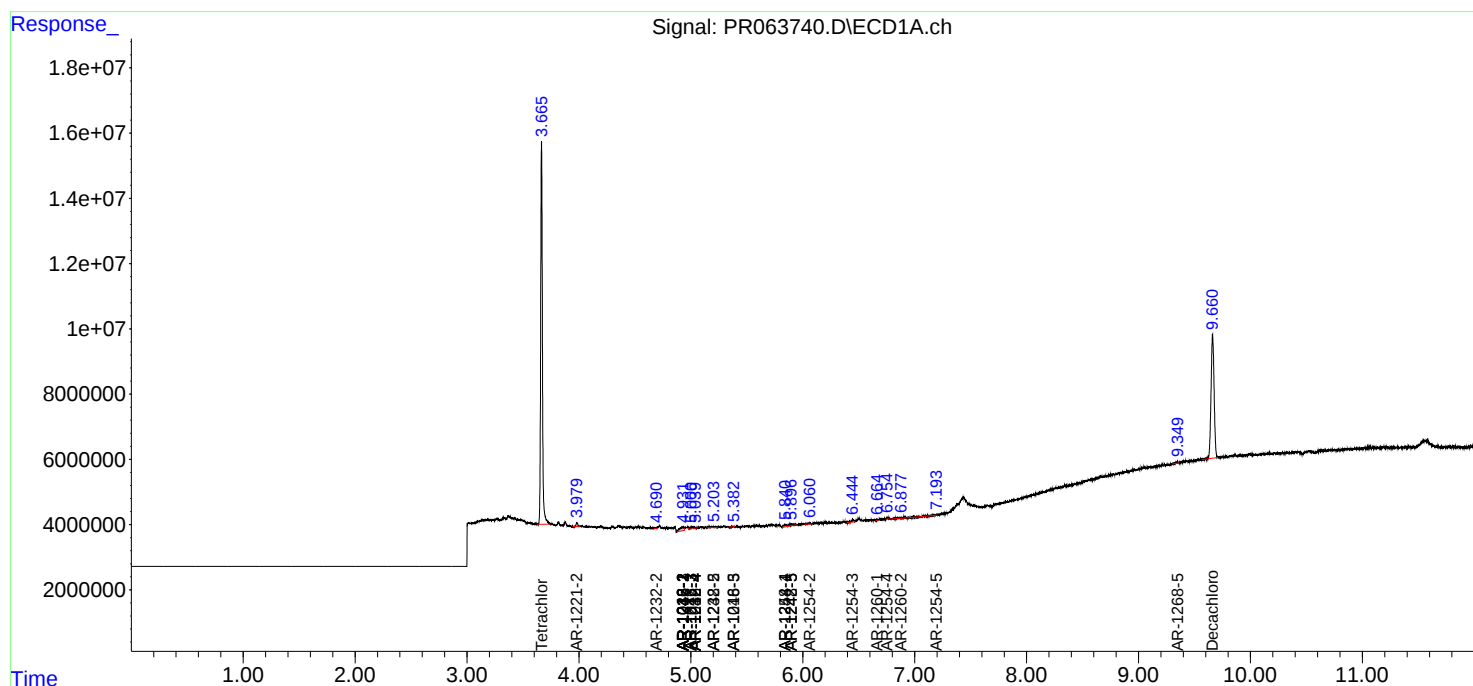
| Compound                                                              | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|-----------------------------------------------------------------------|------|------|--------|--------|-------|-------|
| -----                                                                 |      |      |        |        |       |       |
| (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int. |      |      |        |        |       |       |

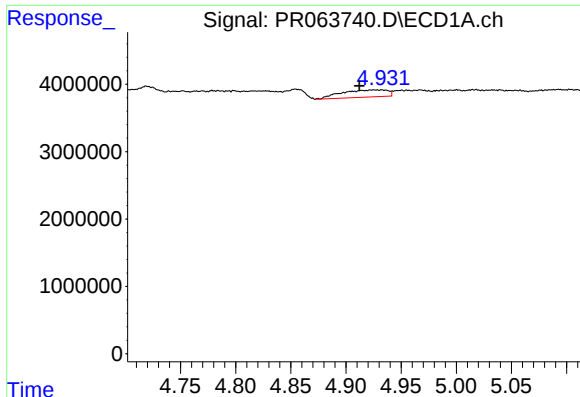
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR092923\  
Data File : PR063740.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Sep 2023 19:40  
Operator : YP\AJ  
Sample : 04607-18  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 29 21:36:58 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR091223CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 13 07:34:49 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

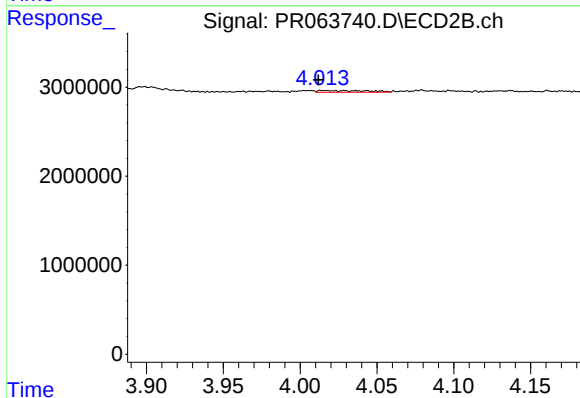




#3 AR-1016-1

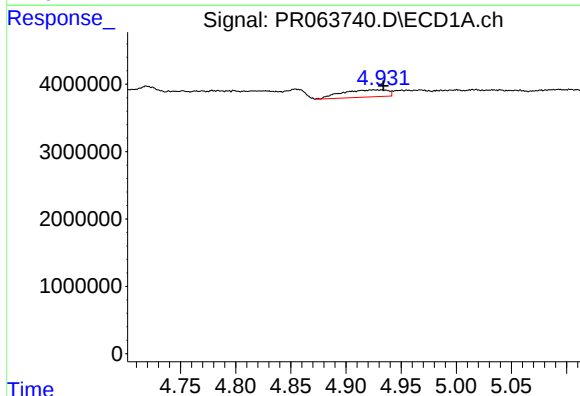
R.T.: 4.925 min  
Delta R.T.: 0.013 min  
Response: 3094725  
Conc: 15.84 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



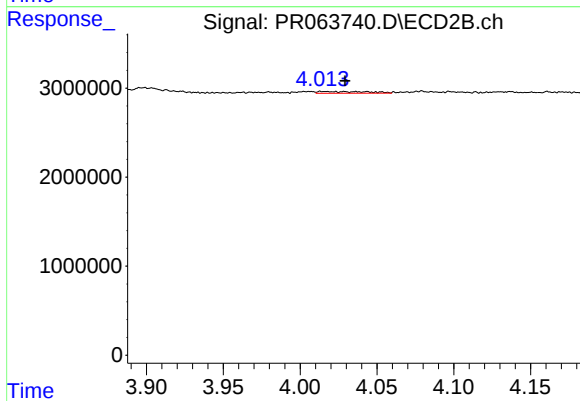
#3 AR-1016-1

R.T.: 4.015 min  
Delta R.T.: 0.003 min  
Response: 429992  
Conc: 3.82 ng/ml



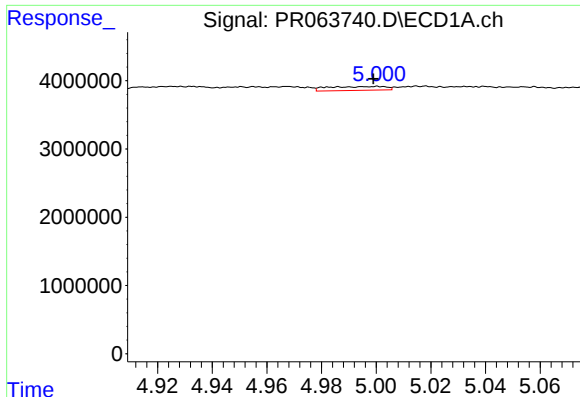
#4 AR-1016-2

R.T.: 4.925 min  
Delta R.T.: -0.009 min  
Response: 3094725  
Conc: 10.98 ng/ml



#4 AR-1016-2

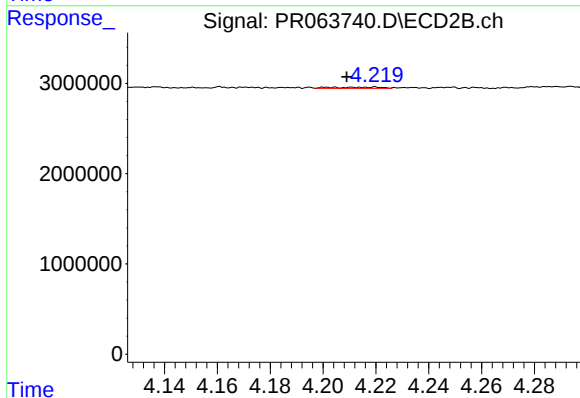
R.T.: 4.015 min  
Delta R.T.: -0.014 min  
Response: 429992  
Conc: 2.53 ng/ml



#5 AR-1016-3

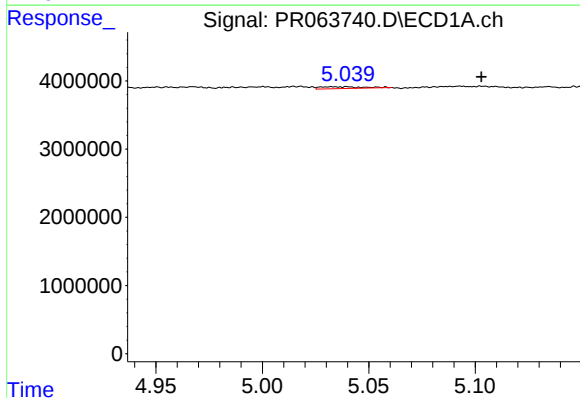
R.T.: 5.001 min  
Delta R.T.: 0.002 min  
Response: 842407  
Conc: 5.01 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



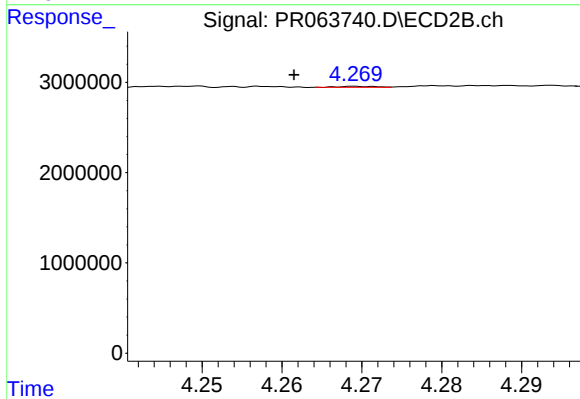
#5 AR-1016-3

R.T.: 4.202 min  
Delta R.T.: -0.007 min  
Response: 178052  
Conc: 2.05 ng/ml



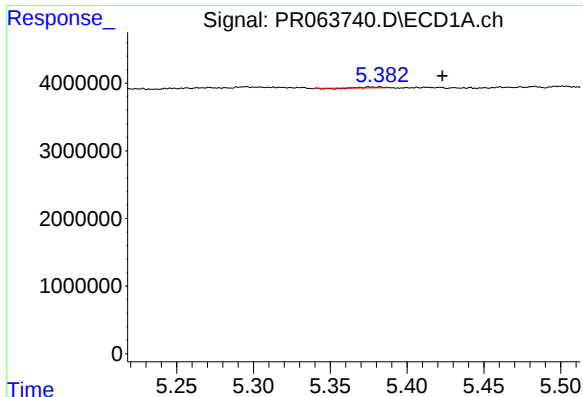
#6 AR-1016-4

R.T.: 5.040 min  
Delta R.T.: -0.063 min  
Response: 391241  
Conc: 2.85 ng/ml



#6 AR-1016-4

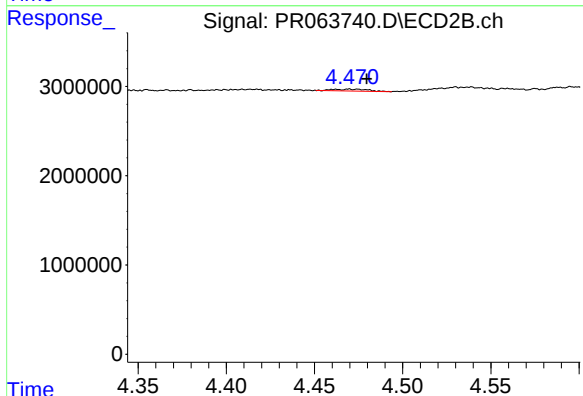
R.T.: 4.270 min  
Delta R.T.: 0.008 min  
Response: 34531  
Conc: 0.51 ng/ml



#7 AR-1016-5

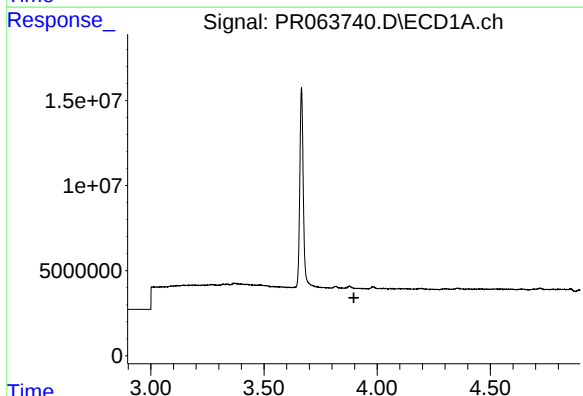
R.T.: 5.382 min  
Delta R.T.: -0.041 min  
Response: 79298  
Conc: 0.59 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



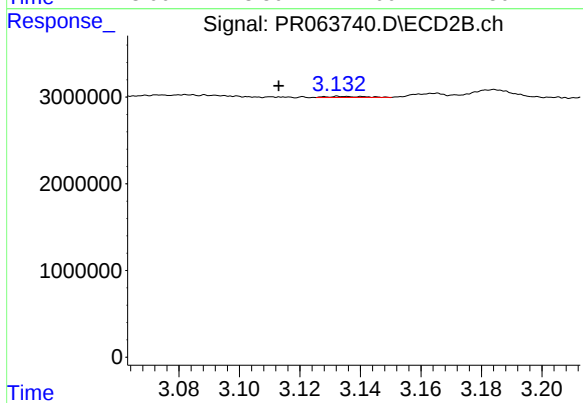
#7 AR-1016-5

R.T.: 4.470 min  
Delta R.T.: -0.010 min  
Response: 274745  
Conc: 3.17 ng/ml



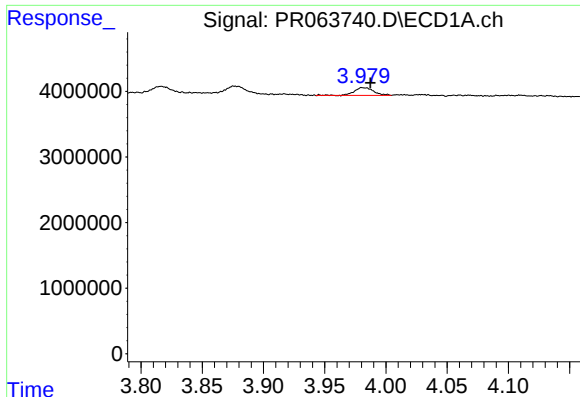
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 3.897 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

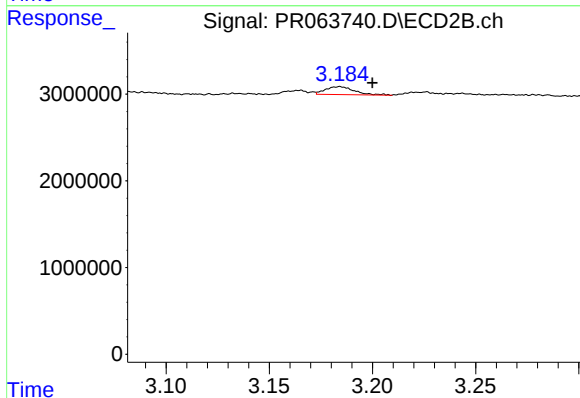
R.T.: 3.134 min  
Delta R.T.: 0.021 min  
Response: 110084  
Conc: 2.97 ng/ml



#9 AR-1221-2

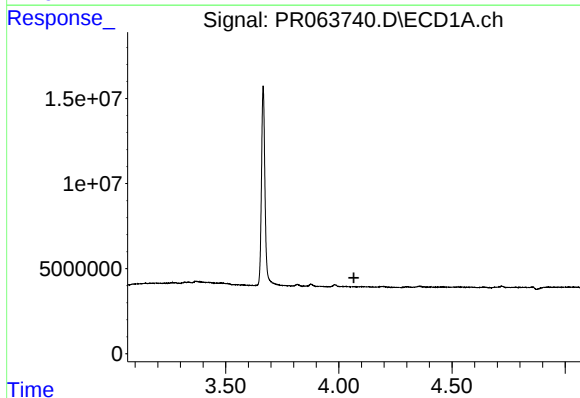
R.T.: 3.981 min  
Delta R.T.: -0.006 min  
Response: 1293355  
Conc: 27.55 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



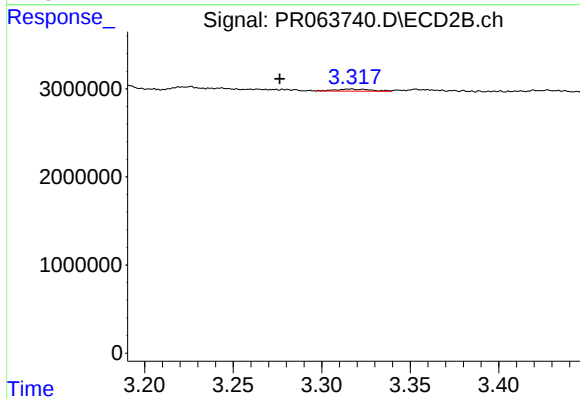
#9 AR-1221-2

R.T.: 3.184 min  
Delta R.T.: -0.016 min  
Response: 898520  
Conc: 34.84 ng/ml



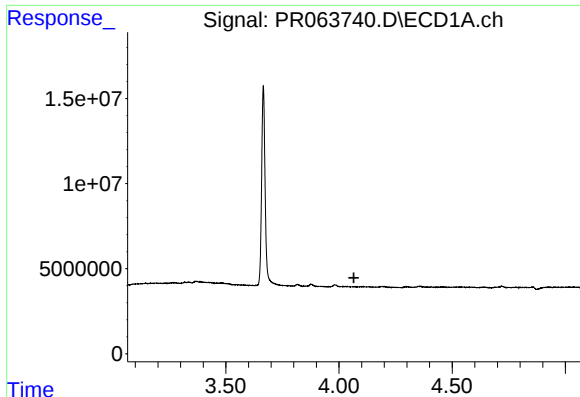
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.066 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

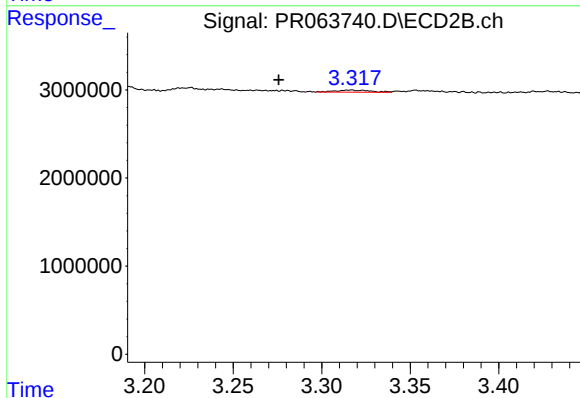
R.T.: 3.316 min  
Delta R.T.: 0.040 min  
Response: 337028  
Conc: 3.52 ng/ml



#11 AR-1232-1

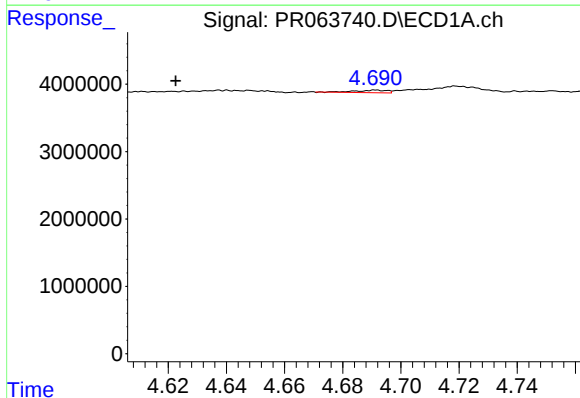
R.T.: 0.000 min  
Exp R.T.: 4.066 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



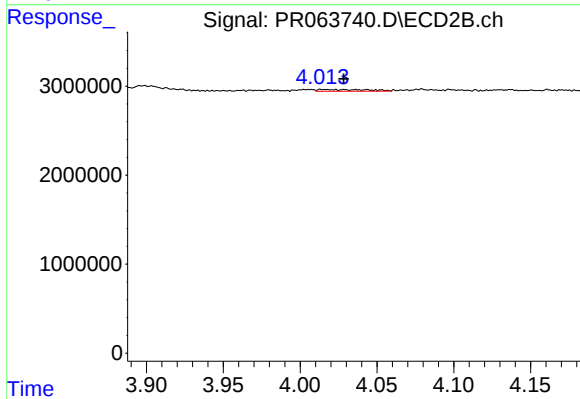
#11 AR-1232-1

R.T.: 3.316 min  
Delta R.T.: 0.041 min  
Response: 337028  
Conc: 4.23 ng/ml



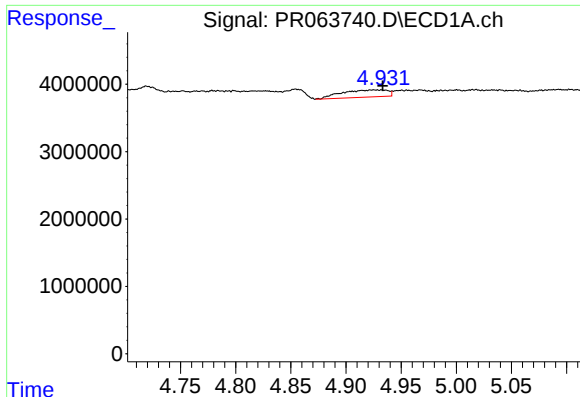
#12 AR-1232-2

R.T.: 4.691 min  
Delta R.T.: 0.069 min  
Response: 298476  
Conc: 4.71 ng/ml



#12 AR-1232-2

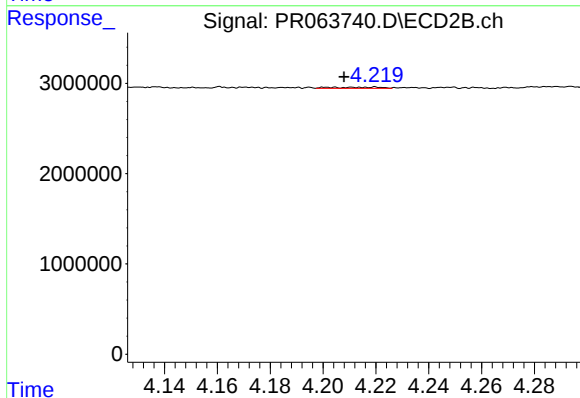
R.T.: 4.015 min  
Delta R.T.: -0.014 min  
Response: 429992  
Conc: 5.75 ng/ml



#13 AR-1232-3

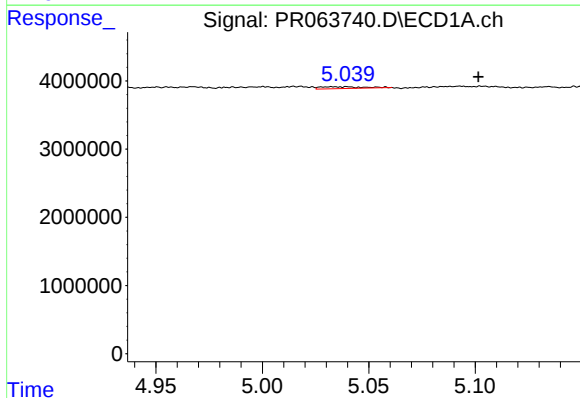
R.T.: 4.925 min  
Delta R.T.: -0.008 min  
Response: 3094725  
Conc: 24.60 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



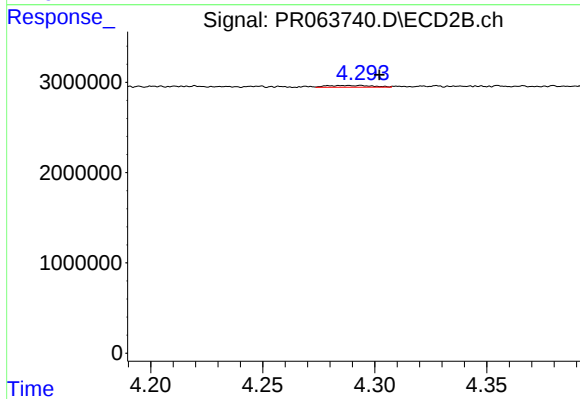
#13 AR-1232-3

R.T.: 4.202 min  
Delta R.T.: -0.006 min  
Response: 178052  
Conc: 4.73 ng/ml



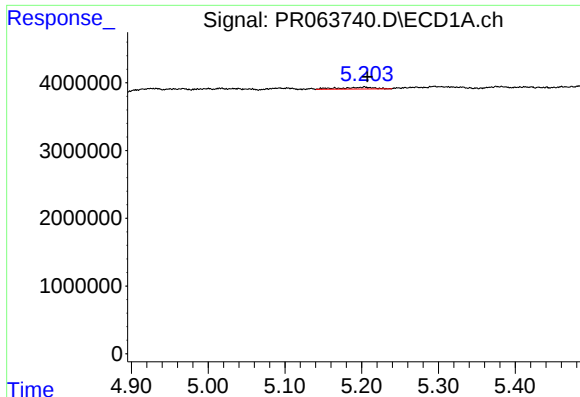
#14 AR-1232-4

R.T.: 5.040 min  
Delta R.T.: -0.062 min  
Response: 391241  
Conc: 6.46 ng/ml



#14 AR-1232-4

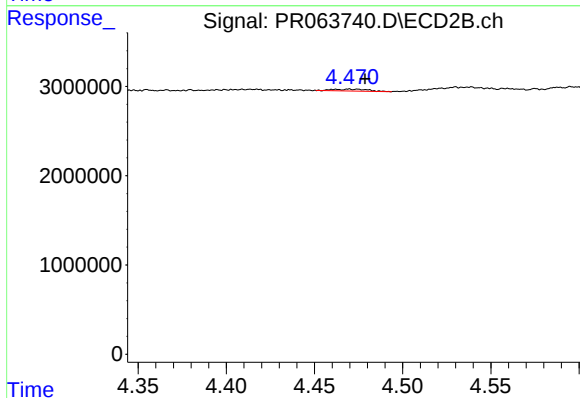
R.T.: 4.286 min  
Delta R.T.: -0.016 min  
Response: 265104  
Conc: 8.36 ng/ml



#15 AR-1232-5

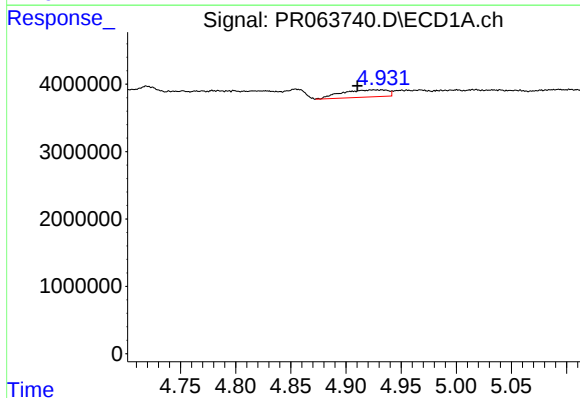
R.T.: 5.204 min  
Delta R.T.: -0.004 min  
Response: 809277  
Conc: 18.71 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



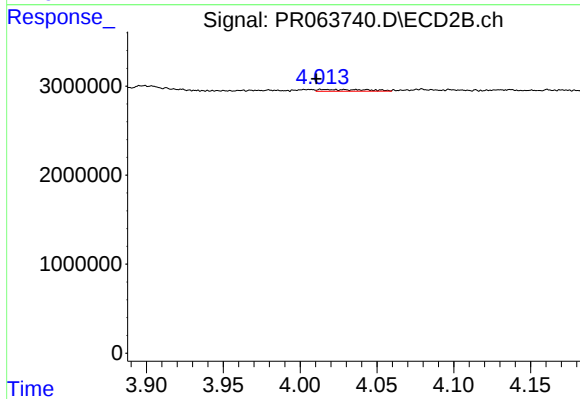
#15 AR-1232-5

R.T.: 4.470 min  
Delta R.T.: -0.009 min  
Response: 274745  
Conc: 7.62 ng/ml



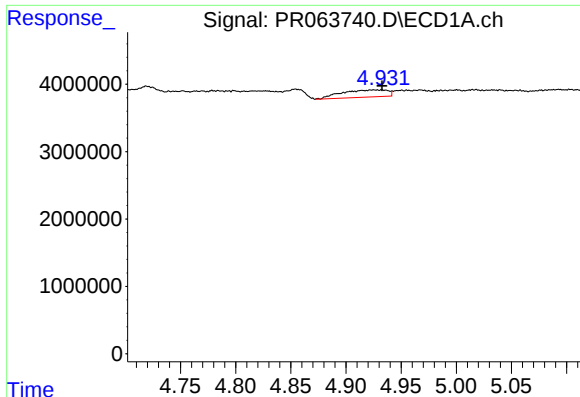
#16 AR-1242-1

R.T.: 4.925 min  
Delta R.T.: 0.015 min  
Response: 3094725  
Conc: 18.56 ng/ml



#16 AR-1242-1

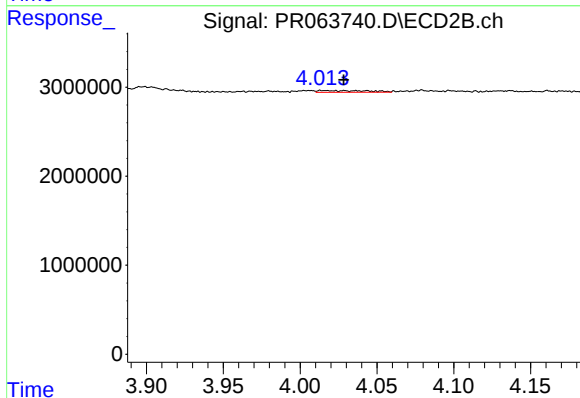
R.T.: 4.015 min  
Delta R.T.: 0.004 min  
Response: 429992  
Conc: 4.50 ng/ml



#17 AR-1242-2

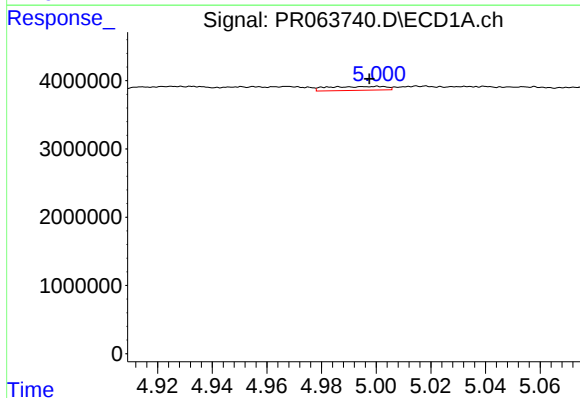
R.T.: 4.925 min  
Delta R.T.: -0.007 min  
Response: 3094725  
Conc: 12.97 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



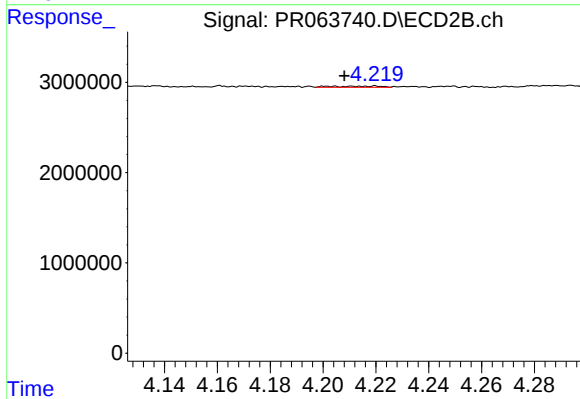
#17 AR-1242-2

R.T.: 4.015 min  
Delta R.T.: -0.014 min  
Response: 429992  
Conc: 3.01 ng/ml



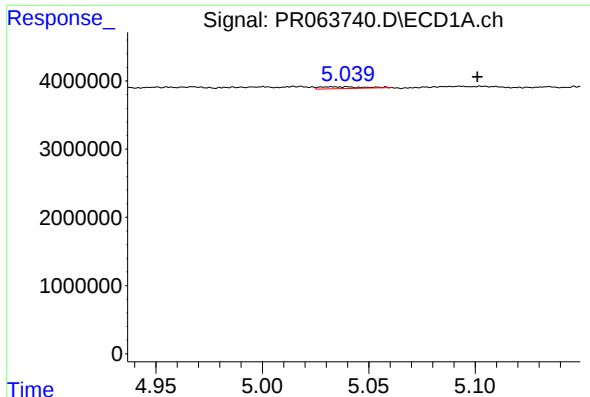
#18 AR-1242-3

R.T.: 5.001 min  
Delta R.T.: 0.003 min  
Response: 842407  
Conc: 5.93 ng/ml



#18 AR-1242-3

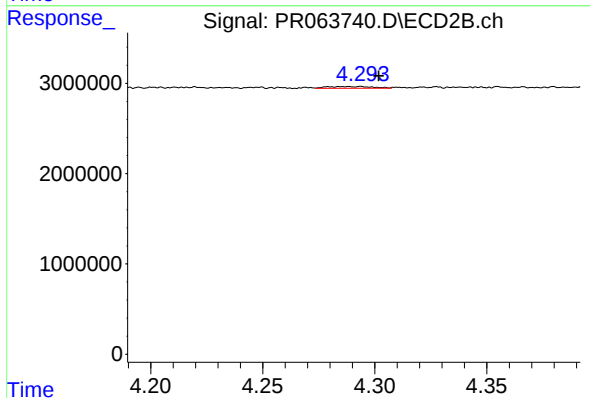
R.T.: 4.202 min  
Delta R.T.: -0.006 min  
Response: 178052  
Conc: 2.43 ng/ml



#19 AR-1242-4

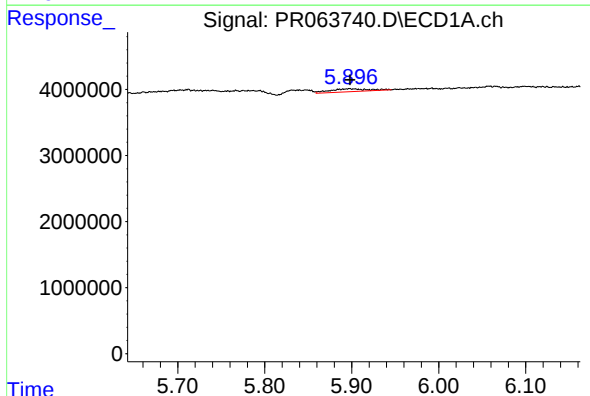
R.T.: 5.040 min  
Delta R.T.: -0.061 min  
Response: 391241  
Conc: 3.34 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



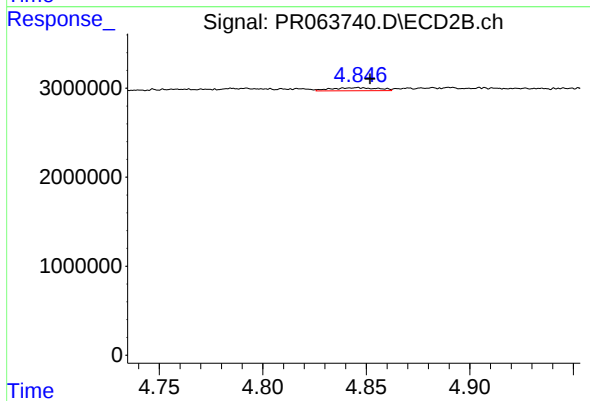
#19 AR-1242-4

R.T.: 4.286 min  
Delta R.T.: -0.016 min  
Response: 265104  
Conc: 3.88 ng/ml



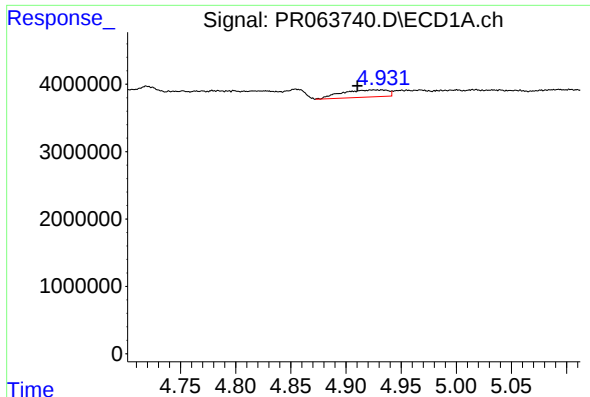
#20 AR-1242-5

R.T.: 5.898 min  
Delta R.T.: 0.000 min  
Response: 1347957  
Conc: 11.62 ng/ml



#20 AR-1242-5

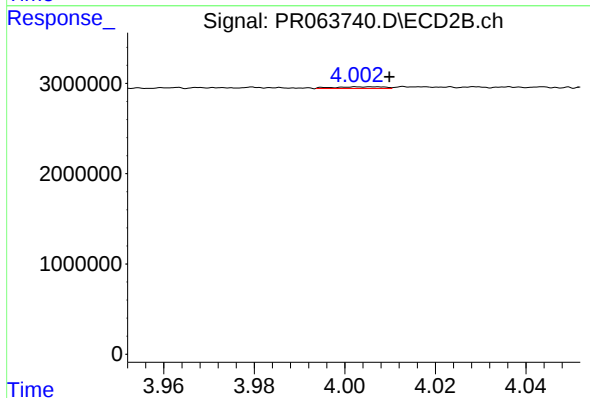
R.T.: 4.846 min  
Delta R.T.: -0.006 min  
Response: 538608  
Conc: 6.16 ng/ml



#21 AR-1248-1

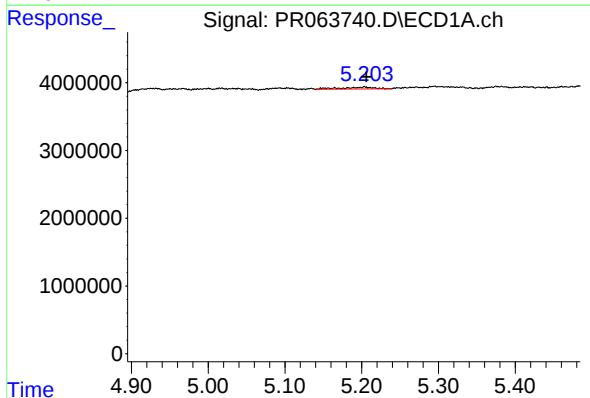
R.T.: 4.925 min  
Delta R.T.: 0.015 min  
Response: 3094725  
Conc: 23.93 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



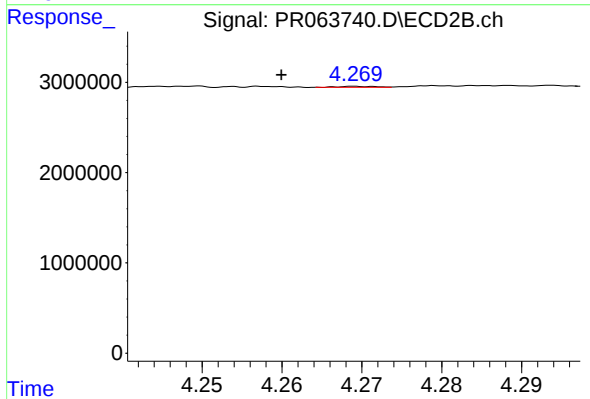
#21 AR-1248-1

R.T.: 4.006 min  
Delta R.T.: -0.004 min  
Response: 153249  
Conc: 2.05 ng/ml



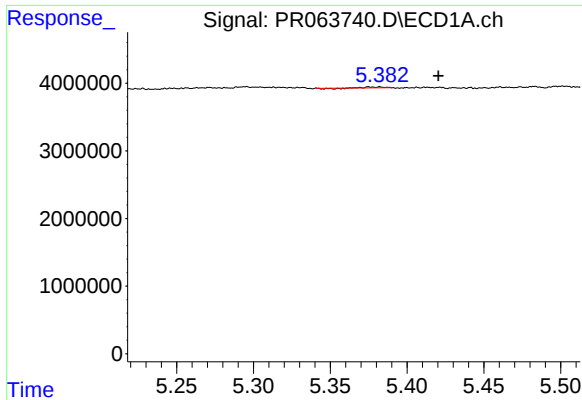
#22 AR-1248-2

R.T.: 5.204 min  
Delta R.T.: -0.002 min  
Response: 809277  
Conc: 4.77 ng/ml



#22 AR-1248-2

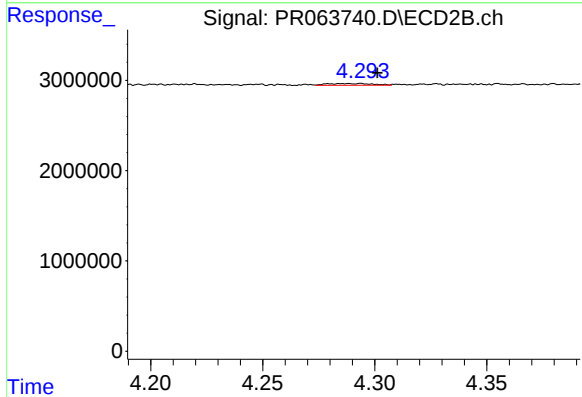
R.T.: 4.270 min  
Delta R.T.: 0.010 min  
Response: 34531  
Conc: 0.32 ng/ml



#23 AR-1248-3

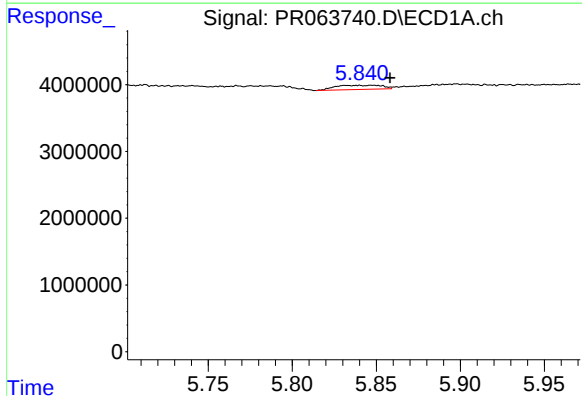
R.T.: 5.382 min  
Delta R.T.: -0.038 min  
Response: 79298  
Conc: 0.39 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



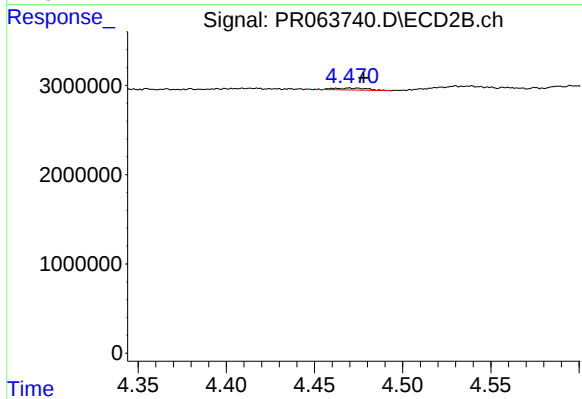
#23 AR-1248-3

R.T.: 4.286 min  
Delta R.T.: -0.015 min  
Response: 265104  
Conc: 2.49 ng/ml



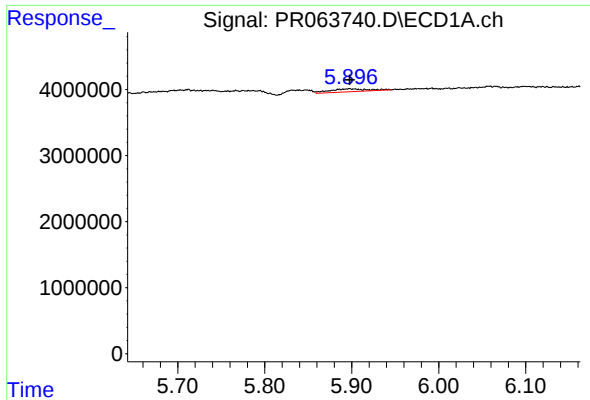
#24 AR-1248-4

R.T.: 5.848 min  
Delta R.T.: -0.010 min  
Response: 1211568  
Conc: 5.56 ng/ml



#24 AR-1248-4

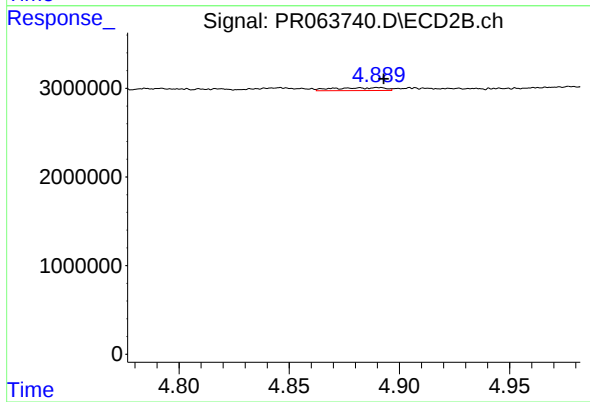
R.T.: 4.470 min  
Delta R.T.: -0.008 min  
Response: 274745  
Conc: 2.11 ng/ml



#25 AR-1248-5

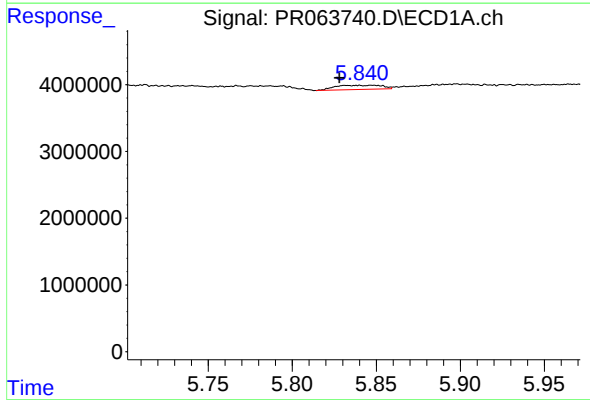
R.T.: 5.898 min  
Delta R.T.: 0.000 min  
Response: 1347957  
Conc: 6.41 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



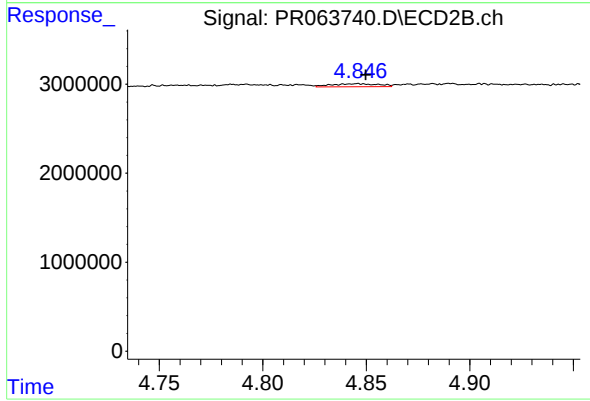
#25 AR-1248-5

R.T.: 4.882 min  
Delta R.T.: -0.011 min  
Response: 522338  
Conc: 4.06 ng/ml



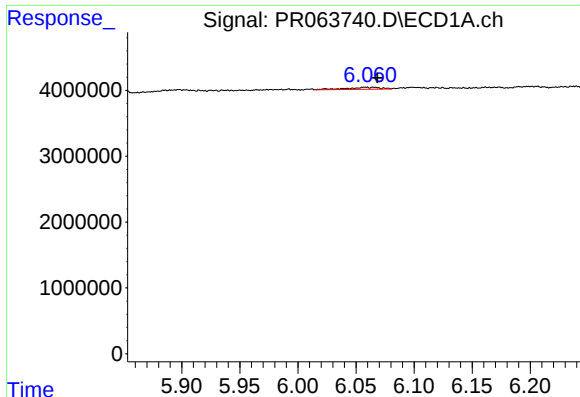
#26 AR-1254-1

R.T.: 5.848 min  
Delta R.T.: 0.020 min  
Response: 1211568  
Conc: 5.52 ng/ml



#26 AR-1254-1

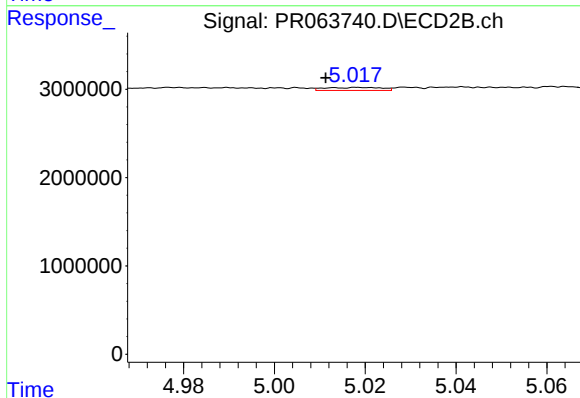
R.T.: 4.846 min  
Delta R.T.: -0.004 min  
Response: 538608  
Conc: 2.73 ng/ml



#27 AR-1254-2

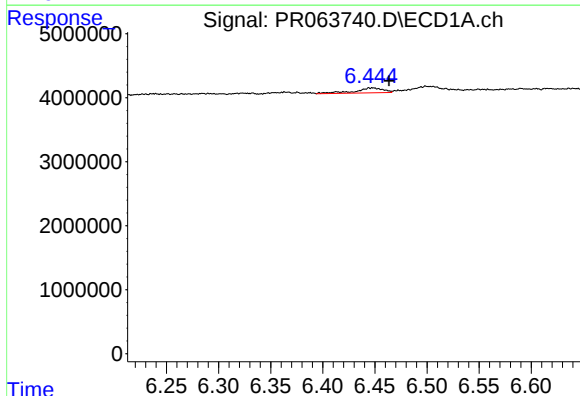
R.T.: 6.058 min  
Delta R.T.: -0.010 min  
Response: 620682  
Conc: 1.87 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



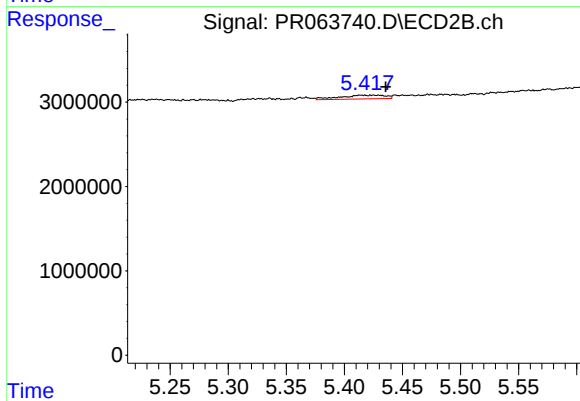
#27 AR-1254-2

R.T.: 5.019 min  
Delta R.T.: 0.008 min  
Response: 292902  
Conc: 1.73 ng/ml



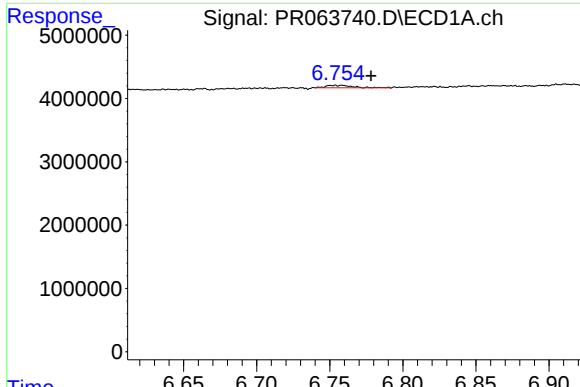
#28 AR-1254-3

R.T.: 6.448 min  
Delta R.T.: -0.015 min  
Response: 1456877  
Conc: 4.32 ng/ml



#28 AR-1254-3

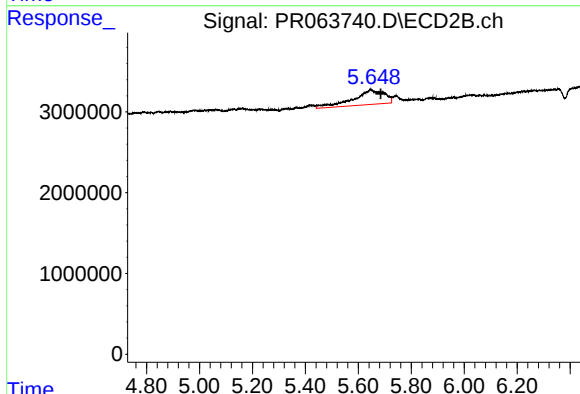
R.T.: 5.426 min  
Delta R.T.: -0.009 min  
Response: 1226911  
Conc: 4.52 ng/ml



#29 AR-1254-4

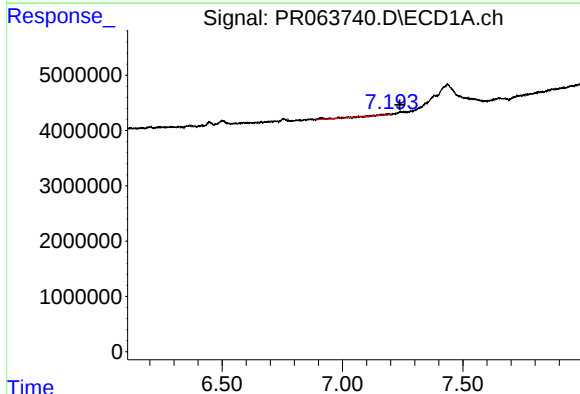
R.T.: 6.754 min  
Delta R.T.: -0.025 min  
Response: 474099  
Conc: 2.05 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



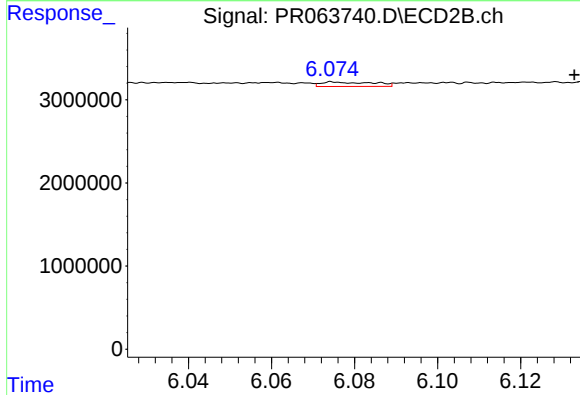
#29 AR-1254-4

R.T.: 5.646 min  
Delta R.T.: -0.038 min  
Response: 14882562  
Conc: 88.71 ng/ml



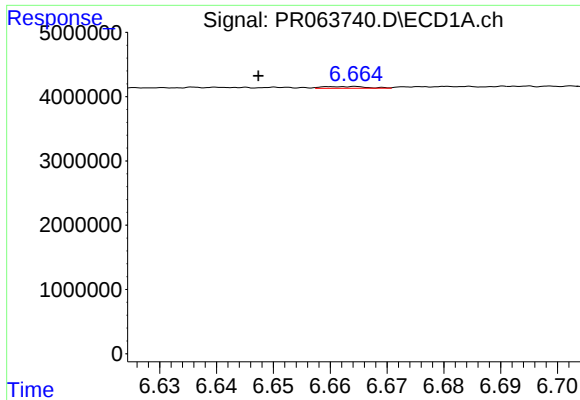
#30 AR-1254-5

R.T.: 7.193 min  
Delta R.T.: -0.045 min  
Response: 920277  
Conc: 3.77 ng/ml



#30 AR-1254-5

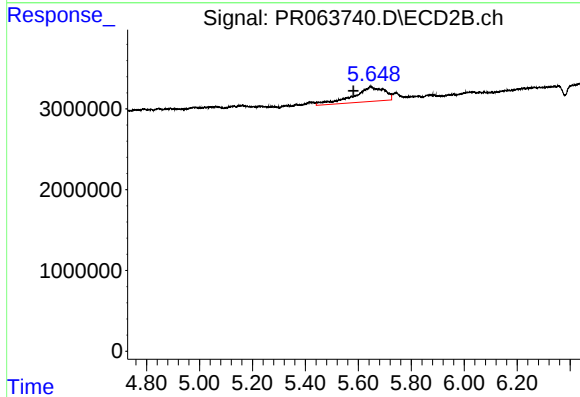
R.T.: 6.075 min  
Delta R.T.: -0.058 min  
Response: 469254  
Conc: 2.02 ng/ml



#31 AR-1260-1

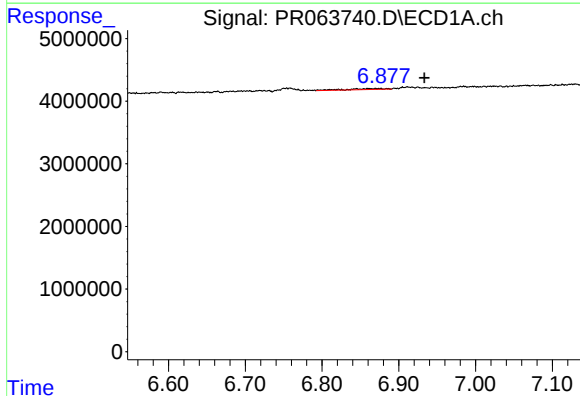
R.T.: 6.663 min  
Delta R.T.: 0.016 min  
Response: 142231  
Conc: 0.59 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



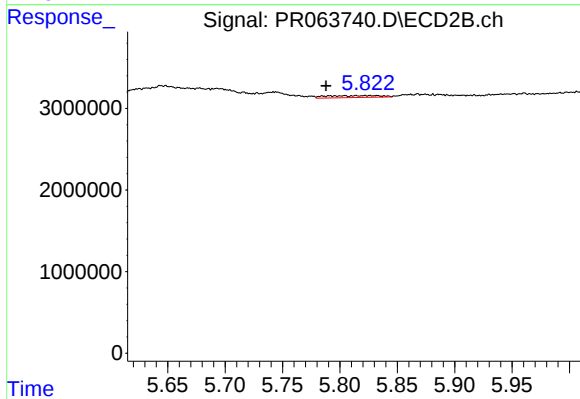
#31 AR-1260-1

R.T.: 5.646 min  
Delta R.T.: 0.066 min  
Response: 14882562  
Conc: 83.89 ng/ml



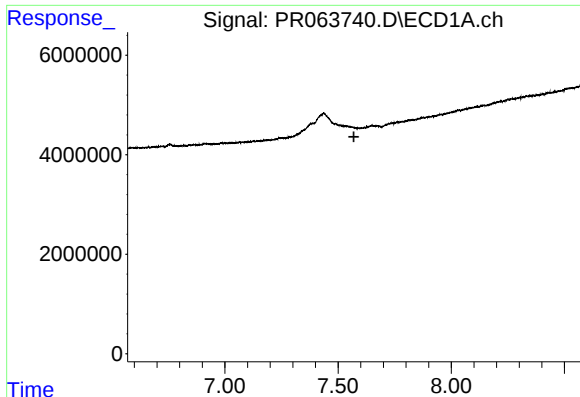
#32 AR-1260-2

R.T.: 6.870 min  
Delta R.T.: -0.064 min  
Response: 518028  
Conc: 1.89 ng/ml



#32 AR-1260-2

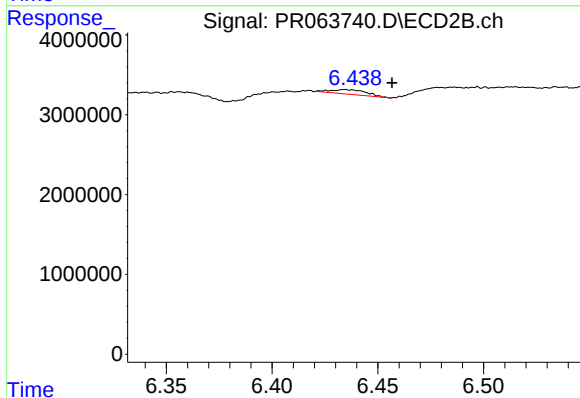
R.T.: 5.826 min  
Delta R.T.: 0.038 min  
Response: 755404  
Conc: 3.55 ng/ml



#34 AR-1260-4

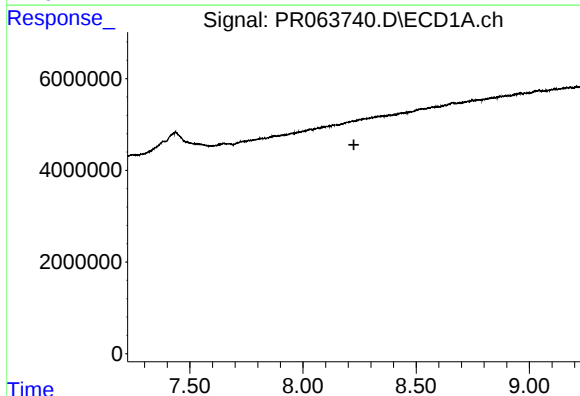
R.T.: 0.000 min  
Exp R.T.: 7.570 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



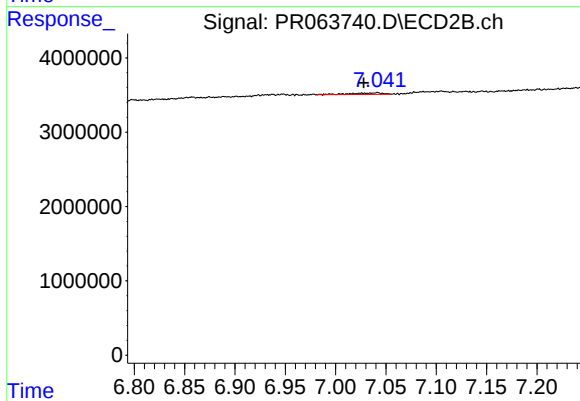
#34 AR-1260-4

R.T.: 6.435 min  
Delta R.T.: -0.022 min  
Response: 669094  
Conc: 4.09 ng/ml



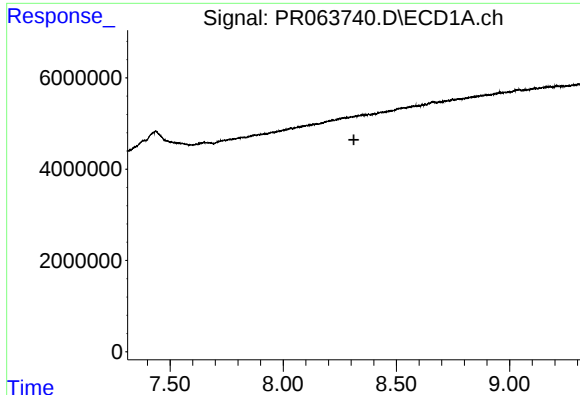
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 8.225 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

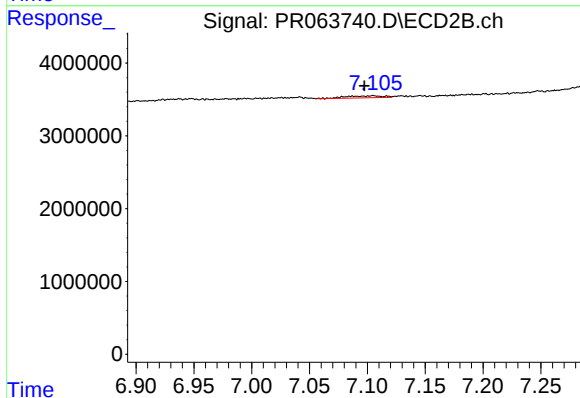
R.T.: 7.041 min  
Delta R.T.: 0.012 min  
Response: 430502  
Conc: 2.42 ng/ml



#39 AR-1262-4

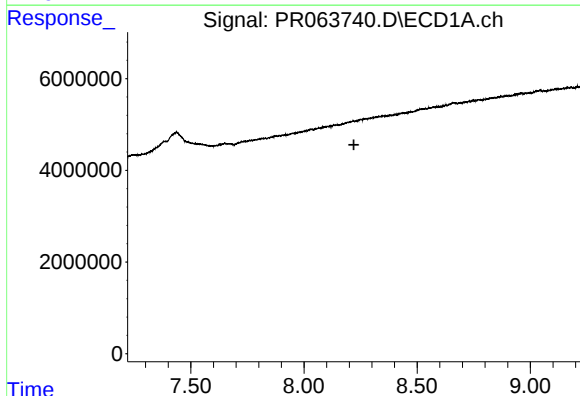
R.T.: 0.000 min  
Exp R.T. : 8.312 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



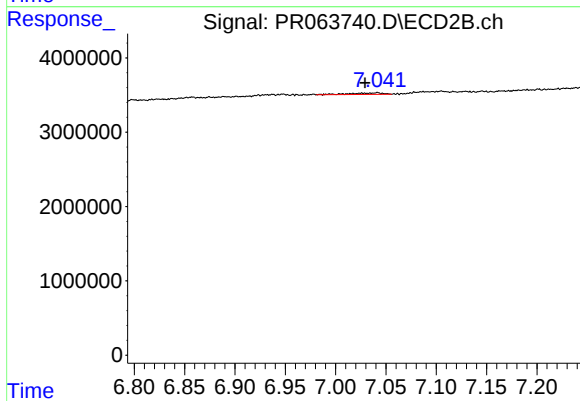
#39 AR-1262-4

R.T.: 7.105 min  
Delta R.T.: 0.008 min  
Response: 598285  
Conc: 1.78 ng/ml



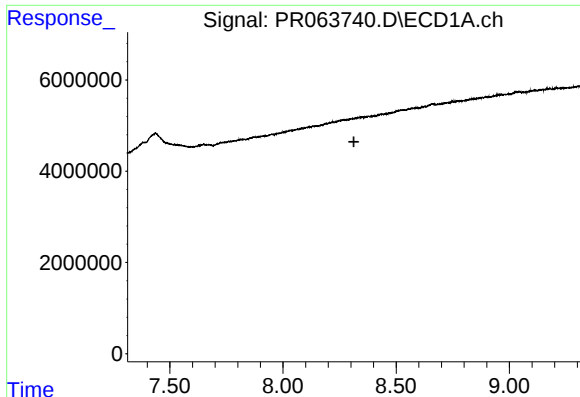
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.220 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

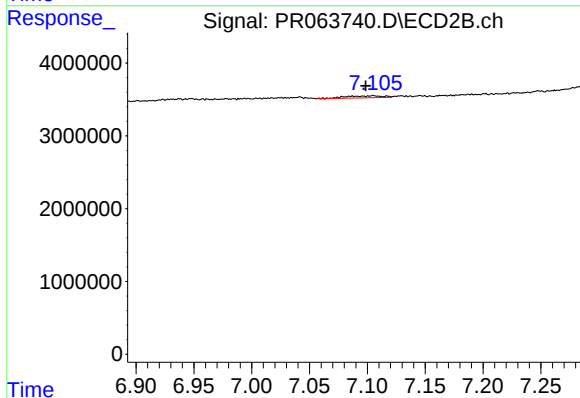
R.T.: 7.041 min  
Delta R.T.: 0.011 min  
Response: 430502  
Conc: 0.80 ng/ml



#42 AR-1268-2

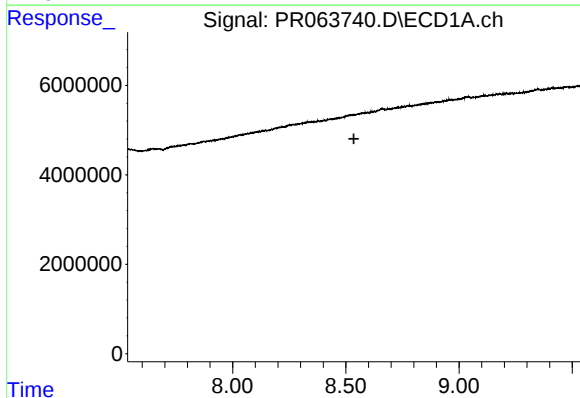
R.T.: 0.000 min  
Exp R.T.: 8.313 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



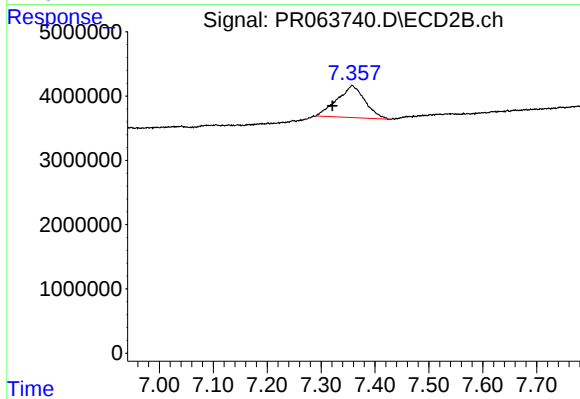
#42 AR-1268-2

R.T.: 7.105 min  
Delta R.T.: 0.007 min  
Response: 598285  
Conc: 1.22 ng/ml



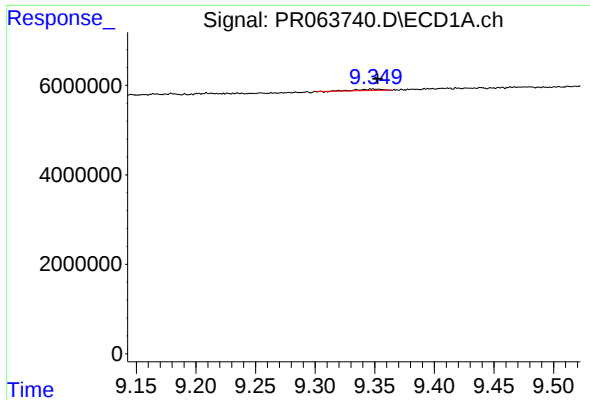
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 8.536 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

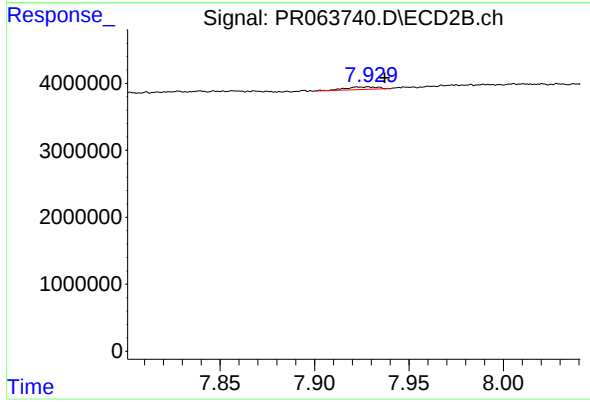
R.T.: 7.358 min  
Delta R.T.: 0.037 min  
Response: 17827517  
Conc: 42.89 ng/ml



#45 AR-1268-5

R.T.: 9.349 min  
Delta R.T.: -0.003 min  
Response: 471008  
Conc: 0.31 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



#45 AR-1268-5

R.T.: 7.926 min  
Delta R.T.: -0.011 min  
Response: 449346  
Conc: 0.33 ng/ml