

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP093022\  
 Data File : PP051806.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Sep 2022 17:49  
 Operator : YP\AJ  
 Sample : N4912-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 30 18:07:06 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP091922.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 20 14:37:22 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... | 4.428  | 3.679  | 36841720 | 30967247 | 20.732  | 20.501   |
| 2)                          | SA Decachlor... | 10.248 | 8.775  | 17760179 | 14504008 | 11.492  | 12.105   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 5.620f | 0.000  | 410497   | 0        | 6.661   | N.D. #   |
| 4)                          | L1 AR-1016-2    | 5.620  | 4.819  | 410497   | 379972   | 4.747   | 5.323    |
| 7)                          | L1 AR-1016-5    | 6.073  | 0.000  | 130861   | 0        | 2.875   | N.D. #   |
| 8)                          | L2 AR-1221-1    | 4.635  | 3.882f | 3148305  | 314604   | 140.127 | 17.317 # |
| 9)                          | L2 AR-1221-2    | 4.735  | 3.985  | 643611   | 779234   | 37.815  | 56.581 # |
| 10)                         | L2 AR-1221-3    | 4.817  | 0.000  | 97559    | 0        | 1.921   | N.D. #   |
| 11)                         | L3 AR-1232-1    | 4.817  | 0.000  | 97559    | 0        | 2.339   | N.D. #   |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.819  | 0        | 379972   | N.D.    | 12.371 # |
| 13)                         | L3 AR-1232-3    | 5.620  | 0.000  | 410497   | 0        | 10.876  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.087  | 0        | 348099   | N.D.    | 23.454 # |
| 16)                         | L4 AR-1242-1    | 5.620  | 4.819f | 410497   | 379972   | 7.757   | 8.786    |
| 17)                         | L4 AR-1242-2    | 5.620  | 4.819  | 410497   | 379972   | 5.497   | 6.293    |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.087  | 0        | 348099   | N.D.    | 10.706 # |
| 20)                         | L4 AR-1242-5    | 6.503f | 0.000  | 182682   | 0        | 5.123   | N.D. #   |
| 21)                         | L5 AR-1248-1    | 5.620  | 4.819f | 410497   | 379972   | 10.351  | 11.753   |
| 23)                         | L5 AR-1248-3    | 6.073  | 5.087  | 130861   | 348099   | 2.084   | 7.364 #  |
| 24)                         | L5 AR-1248-4    | 6.503  | 0.000  | 182682   | 0        | 3.013   | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.503f | 0.000  | 182682   | 0        | 2.927   | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.458  | 0.000  | 199621   | 0        | 3.213   | N.D. #   |
| 27)                         | L6 AR-1254-2    | 6.679  | 0.000  | 469942   | 0        | 4.071   | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.054  | 6.172  | 1651079  | 2063168  | 13.563  | 18.384 # |
| 29)                         | L6 AR-1254-4    | 7.333  | 6.380f | 1747711  | 624331   | 21.103  | 9.619 #  |
| 30)                         | L6 AR-1254-5    | 7.775  | 6.808  | 2278926  | 1234165  | 25.579  | 13.200 # |
| 31)                         | L7 AR-1260-1    | 7.213  | 6.289  | 2131229  | 1048468  | 22.829  | 14.052 # |
| 32)                         | L7 AR-1260-2    | 7.463  | 6.478  | 1796031  | 578436   | 17.011  | 6.542 #  |
| 33)                         | L7 AR-1260-3    | 7.832  | 6.637  | 633138   | 73431    | 8.196   | 0.866 #  |
| 34)                         | L7 AR-1260-4    | 8.056  | 7.114  | 1724564  | 500236   | 19.434  | 7.461 #  |
| 35)                         | L7 AR-1260-5    | 8.381  | 7.353  | 522563   | 587602   | 3.397   | 3.977    |
| 36)                         | L8 AR-1262-1    | 7.832  | 6.845  | 633138   | 274738   | 6.176   | 2.930 #  |
| 37)                         | L8 AR-1262-2    | 8.381  | 7.114  | 522563   | 500236   | 3.292   | 5.937 #  |
| 38)                         | L8 AR-1262-3    | 8.718  | 7.639  | 337572   | 753298   | 2.917   | 11.618 # |
| 39)                         | L8 AR-1262-4    | 8.793  | 7.704  | 251483   | 539078   | 5.071   | 4.546    |
| 41)                         | L9 AR-1268-1    | 8.718  | 7.639  | 337572   | 753298   | 1.676   | 3.996 #  |
| 42)                         | L9 AR-1268-2    | 8.793  | 7.704  | 251483   | 539078   | 1.371   | 3.219 #  |
| -----                       |                 |        |        |          |          |         |          |

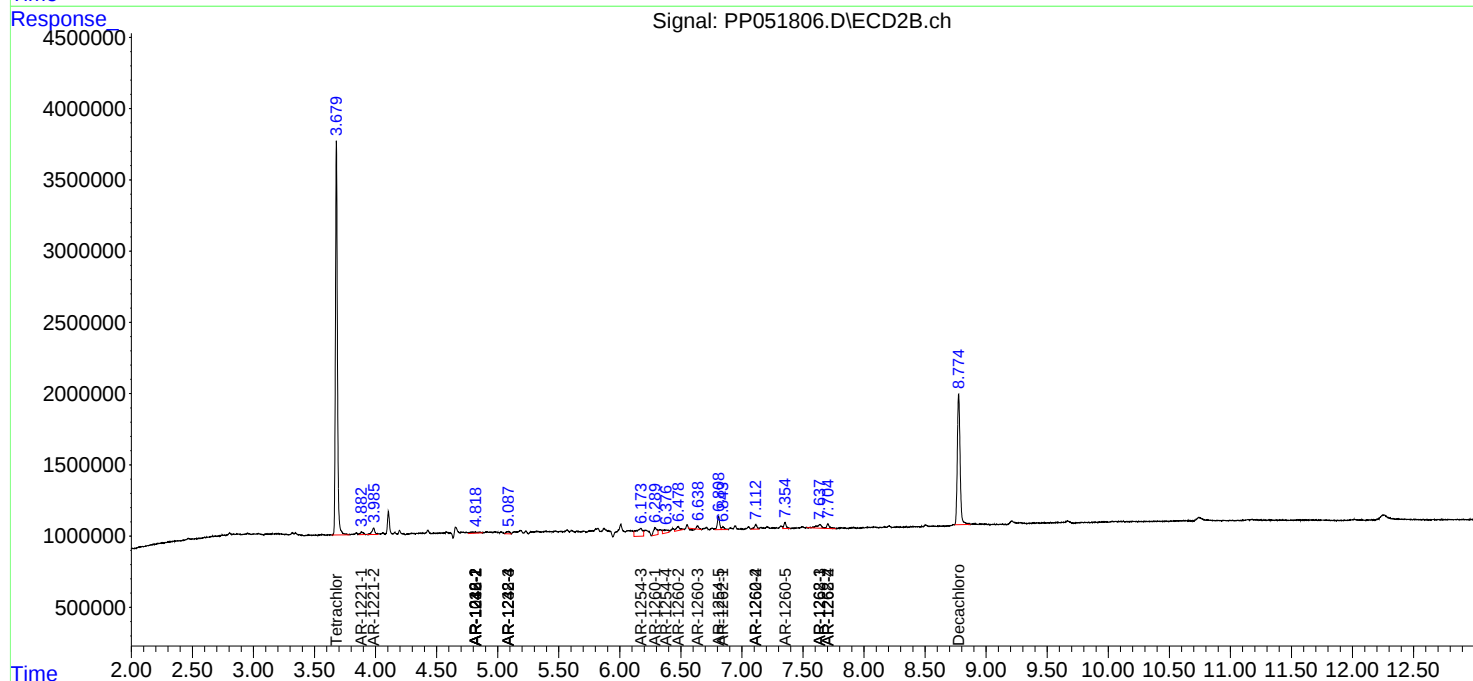
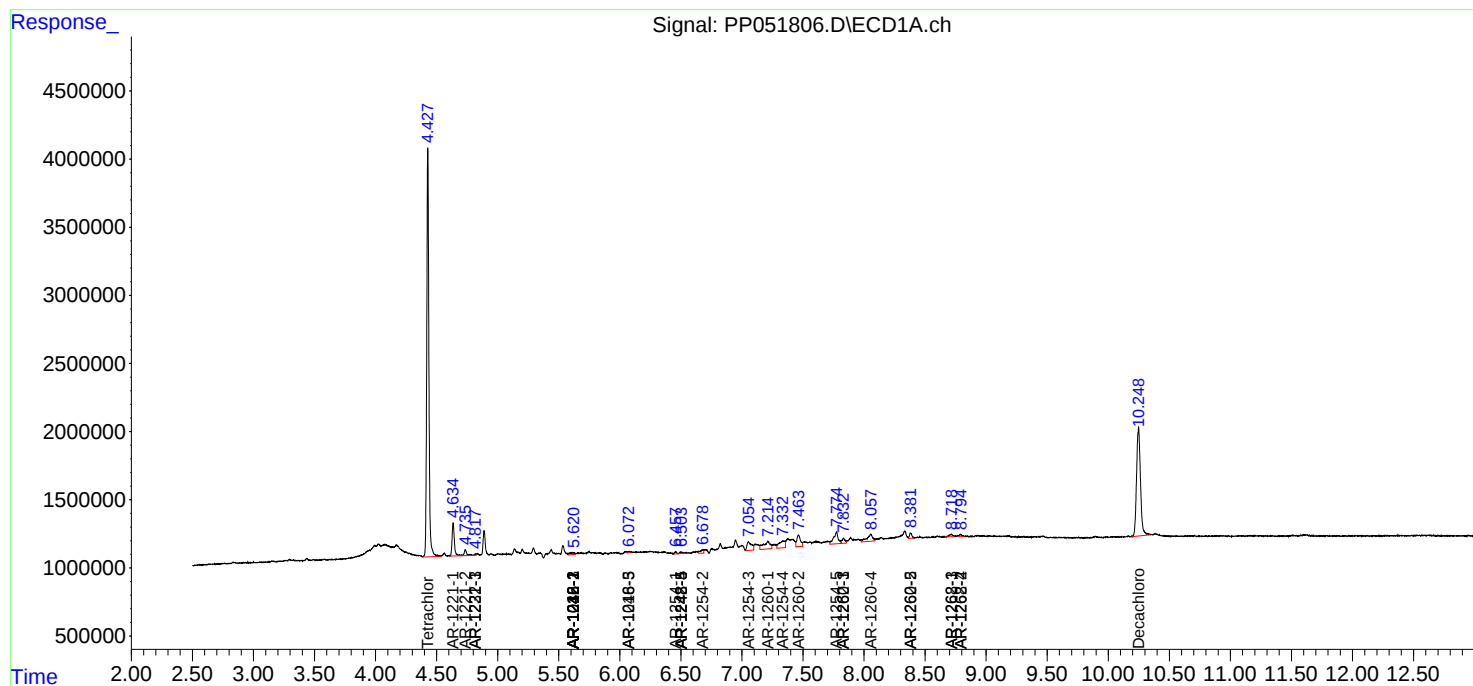
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

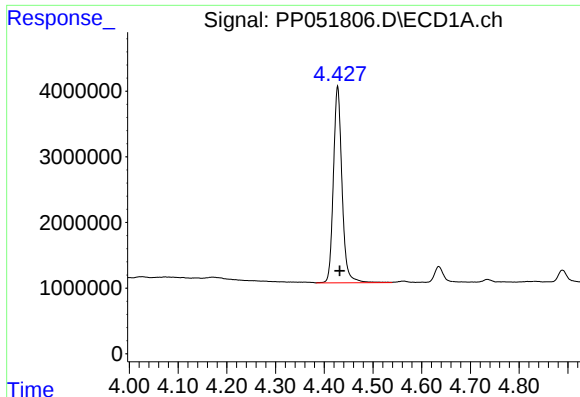
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP093022\  
Data File : PP051806.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Sep 2022 17:49  
Operator : YP\AJ  
Sample : N4912-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 30 18:07:06 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP091922.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 20 14:37:22 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

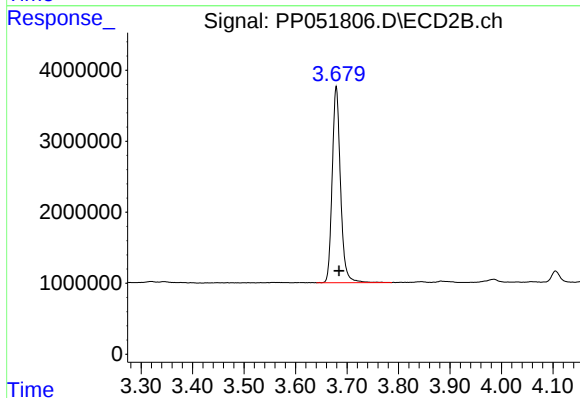




#1 Tetrachloro-m-xylene

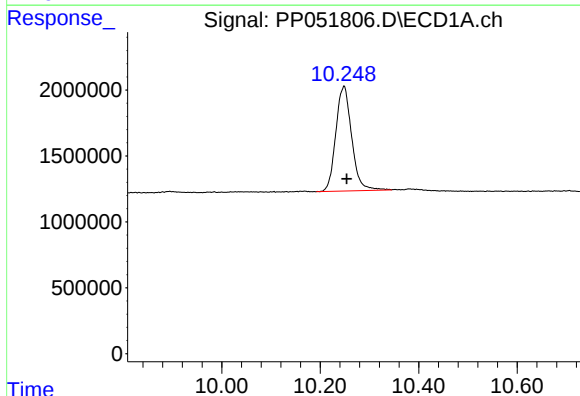
R.T.: 4.428 min  
Delta R.T.: -0.004 min  
Response: 36841720  
Conc: 20.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



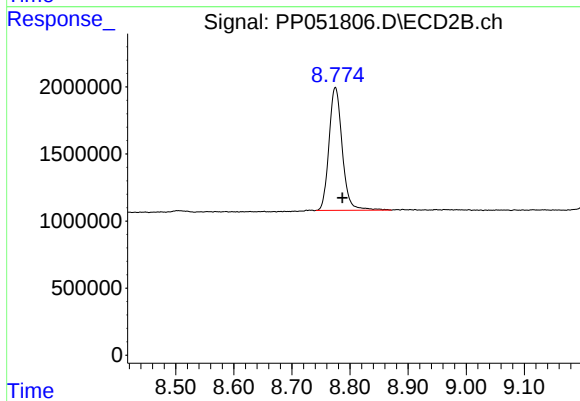
#1 Tetrachloro-m-xylene

R.T.: 3.679 min  
Delta R.T.: -0.006 min  
Response: 30967247  
Conc: 20.50 ng/ml



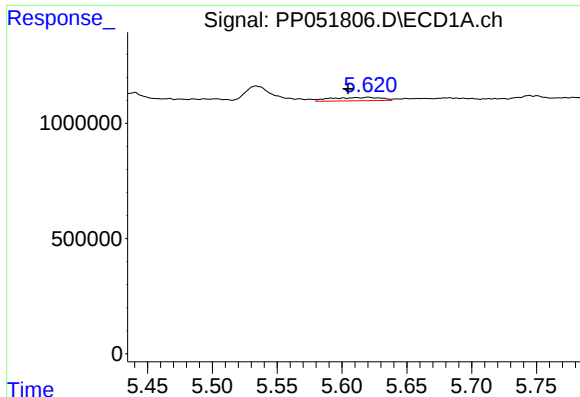
#2 Decachlorobiphenyl

R.T.: 10.248 min  
Delta R.T.: -0.005 min  
Response: 17760179  
Conc: 11.49 ng/ml



#2 Decachlorobiphenyl

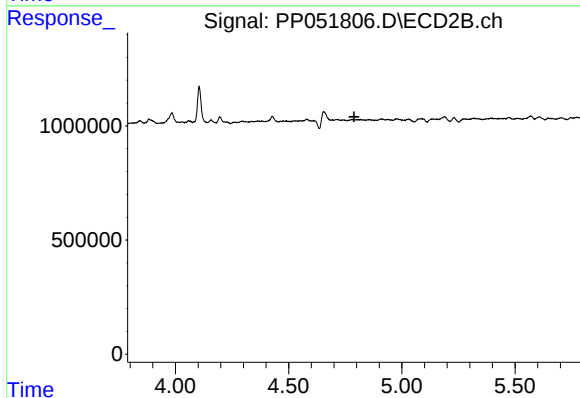
R.T.: 8.775 min  
Delta R.T.: -0.012 min  
Response: 14504008  
Conc: 12.10 ng/ml



#3 AR-1016-1

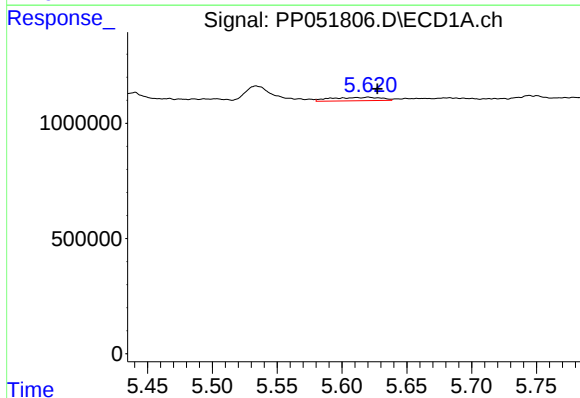
R.T.: 5.620 min  
Delta R.T.: 0.016 min  
Response: 410497  
Conc: 6.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



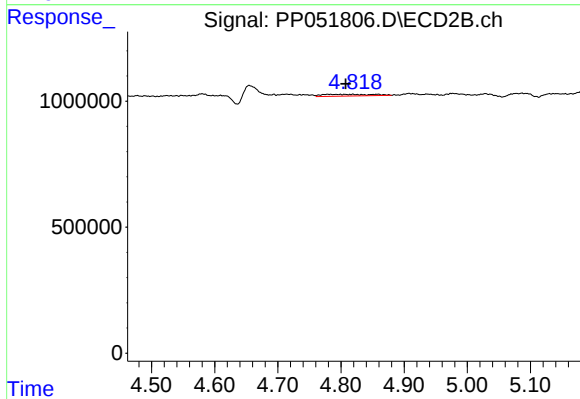
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.789 min  
Response: 0  
Conc: N.D.



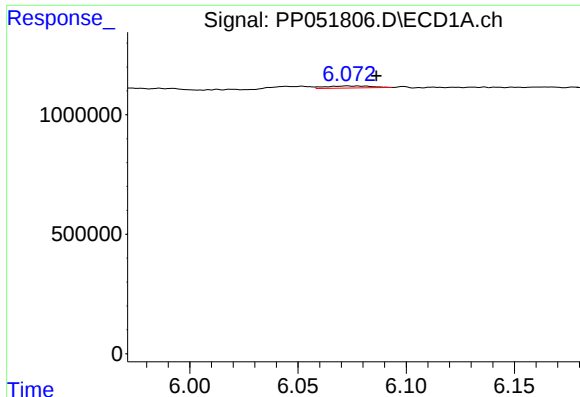
#4 AR-1016-2

R.T.: 5.620 min  
Delta R.T.: -0.007 min  
Response: 410497  
Conc: 4.75 ng/ml



#4 AR-1016-2

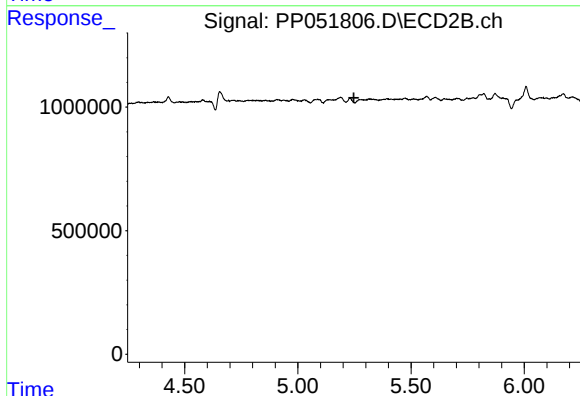
R.T.: 4.819 min  
Delta R.T.: 0.011 min  
Response: 379972  
Conc: 5.32 ng/ml



#7 AR-1016-5

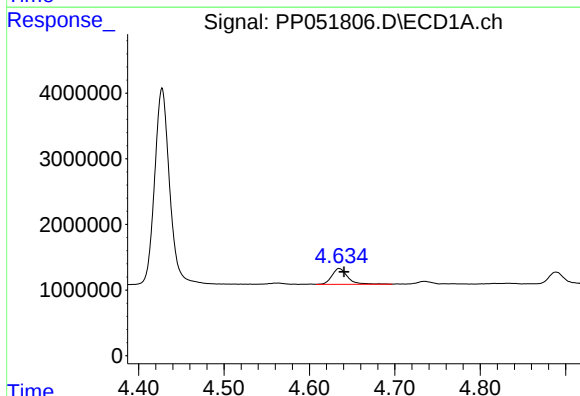
R.T.: 6.073 min  
Delta R.T.: -0.013 min  
Response: 130861  
Conc: 2.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



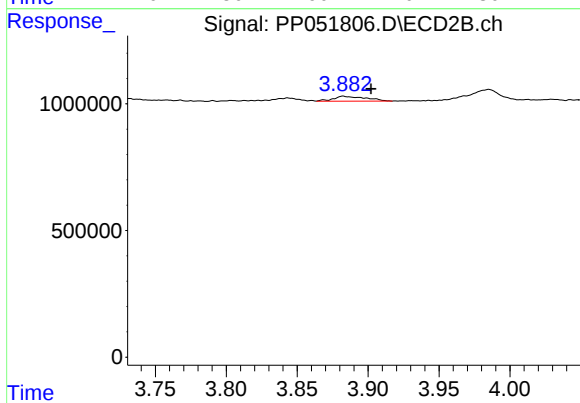
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.247 min  
Response: 0  
Conc: N.D.



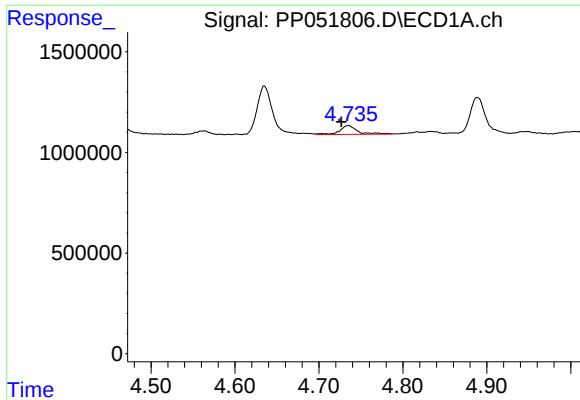
#8 AR-1221-1

R.T.: 4.635 min  
Delta R.T.: -0.005 min  
Response: 3148305  
Conc: 140.13 ng/ml



#8 AR-1221-1

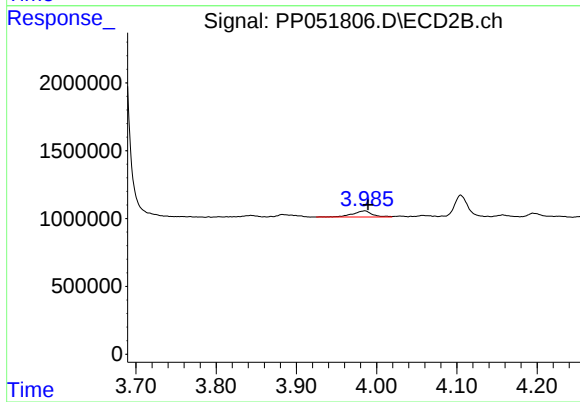
R.T.: 3.882 min  
Delta R.T.: -0.020 min  
Response: 314604  
Conc: 17.32 ng/ml



#9 AR-1221-2

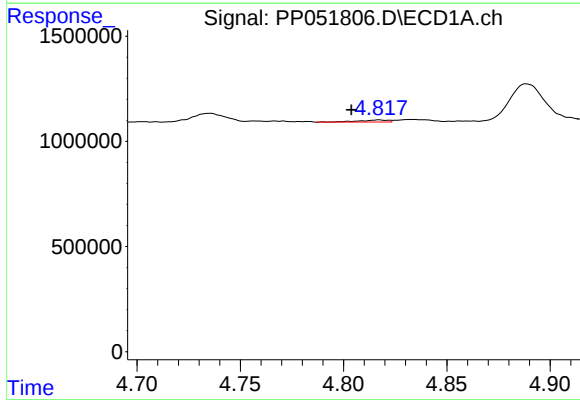
R.T.: 4.735 min  
Delta R.T.: 0.008 min  
Response: 643611  
Conc: 37.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



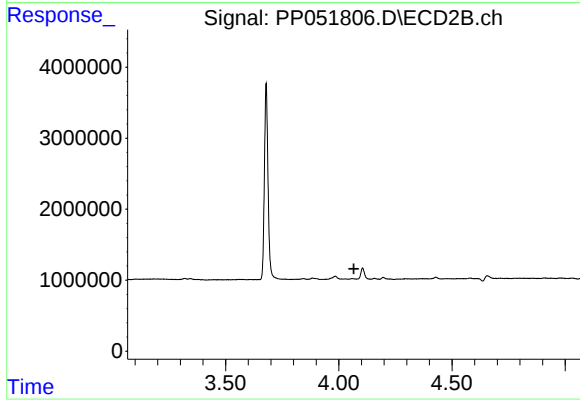
#9 AR-1221-2

R.T.: 3.985 min  
Delta R.T.: -0.004 min  
Response: 779234  
Conc: 56.58 ng/ml



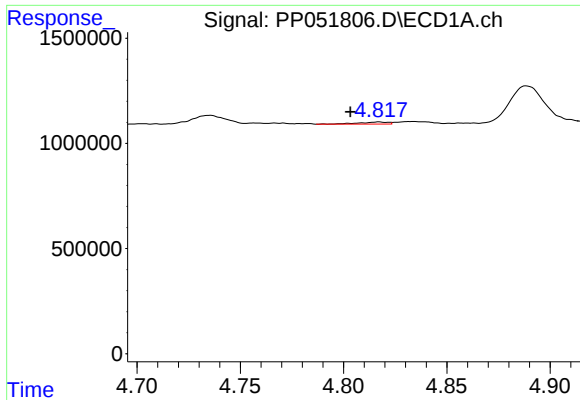
#10 AR-1221-3

R.T.: 4.817 min  
Delta R.T.: 0.013 min  
Response: 97559  
Conc: 1.92 ng/ml



#10 AR-1221-3

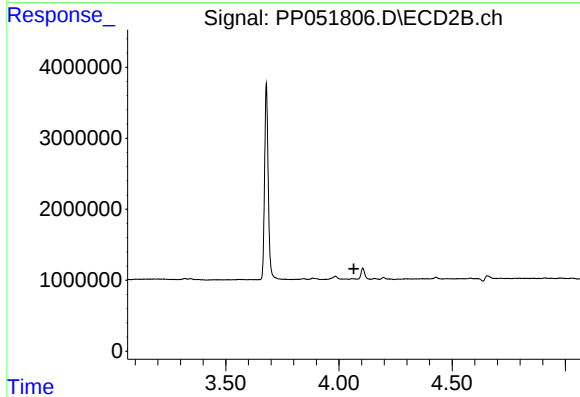
R.T.: 0.000 min  
Exp R.T.: 4.067 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

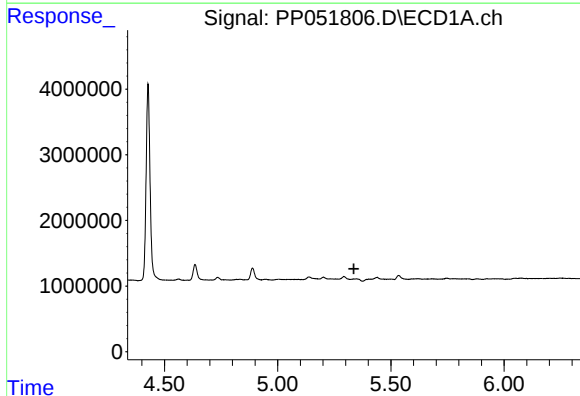
R.T.: 4.817 min  
Delta R.T.: 0.014 min  
Response: 97559  
Conc: 2.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



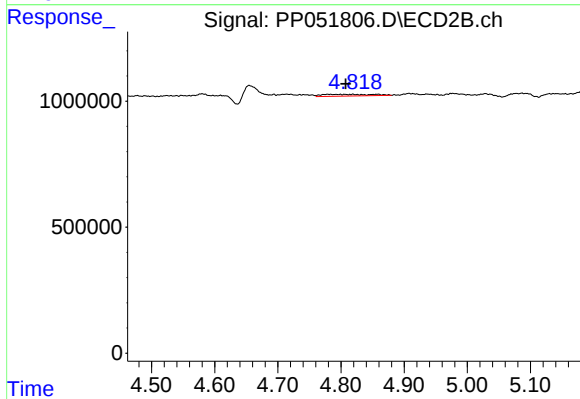
#11 AR-1232-1

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



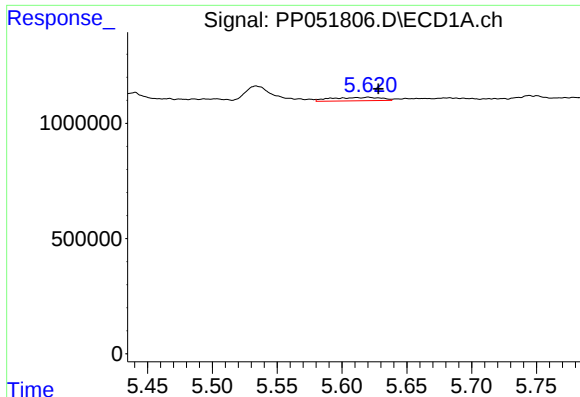
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.337 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

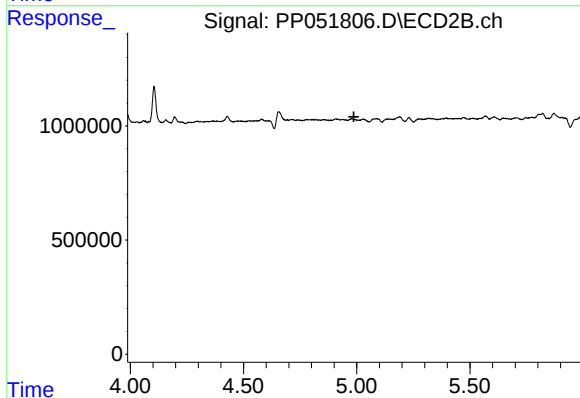
R.T.: 4.819 min  
Delta R.T.: 0.011 min  
Response: 379972  
Conc: 12.37 ng/ml



#13 AR-1232-3

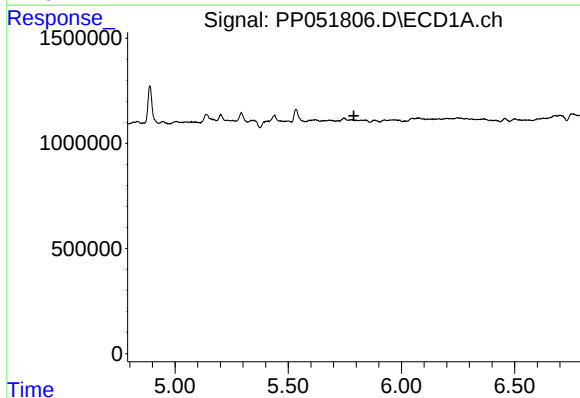
R.T.: 5.620 min  
Delta R.T.: -0.008 min  
Response: 410497  
Conc: 10.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



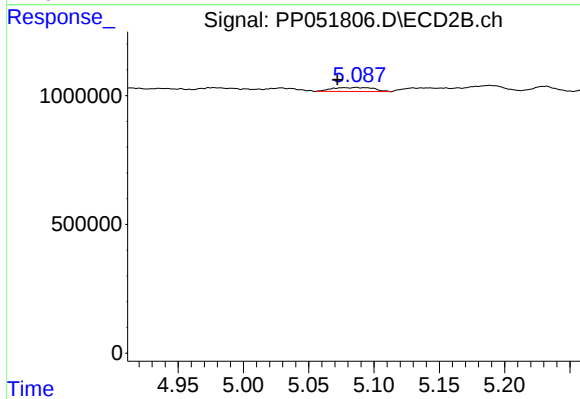
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.987 min  
Response: 0  
Conc: N.D.



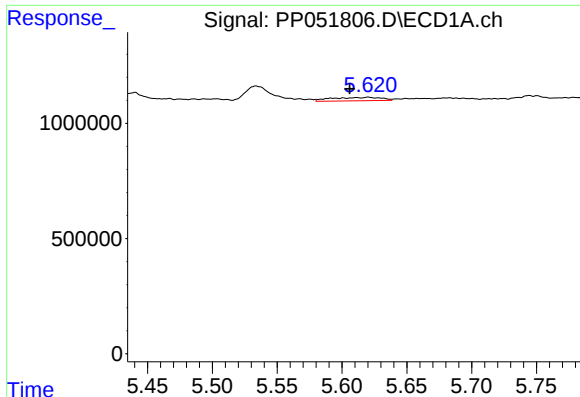
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.790 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

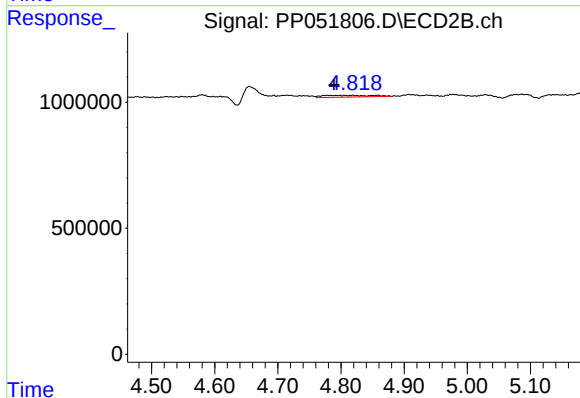
R.T.: 5.087 min  
Delta R.T.: 0.015 min  
Response: 348099  
Conc: 23.45 ng/ml



#16 AR-1242-1

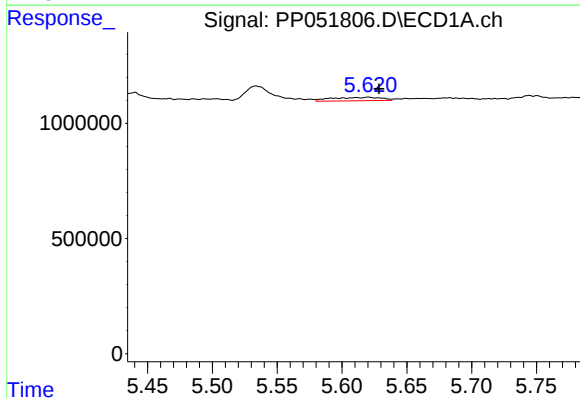
R.T.: 5.620 min  
Delta R.T.: 0.014 min  
Response: 410497  
Conc: 7.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



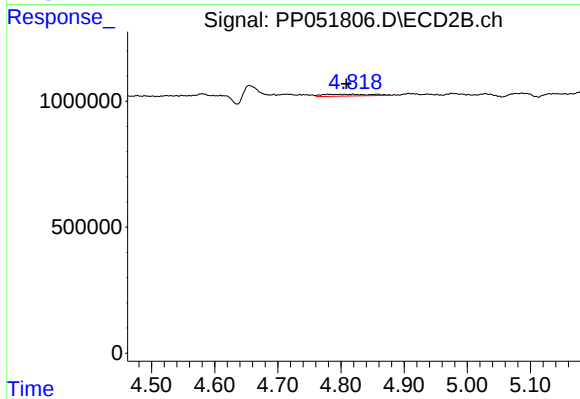
#16 AR-1242-1

R.T.: 4.819 min  
Delta R.T.: 0.030 min  
Response: 379972  
Conc: 8.79 ng/ml



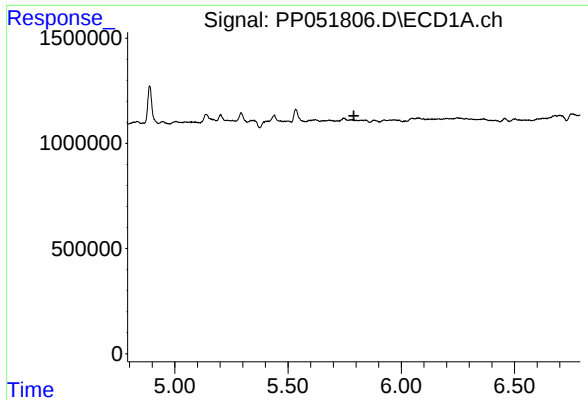
#17 AR-1242-2

R.T.: 5.620 min  
Delta R.T.: -0.008 min  
Response: 410497  
Conc: 5.50 ng/ml



#17 AR-1242-2

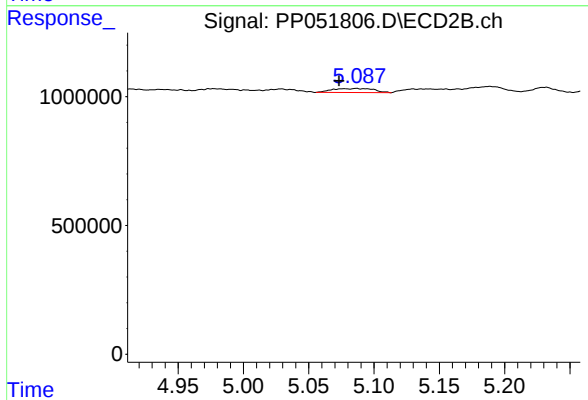
R.T.: 4.819 min  
Delta R.T.: 0.010 min  
Response: 379972  
Conc: 6.29 ng/ml



#19 AR-1242-4

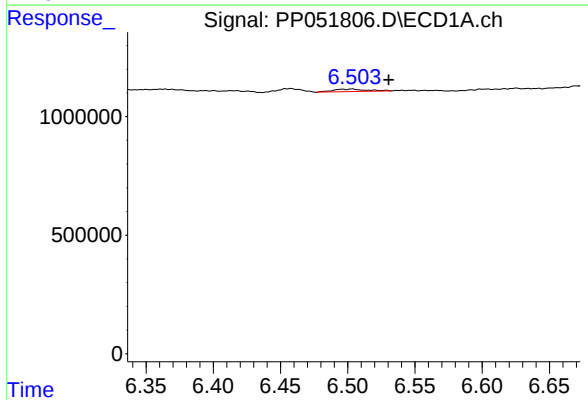
R.T.: 0.000 min  
Exp R.T.: 5.790 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



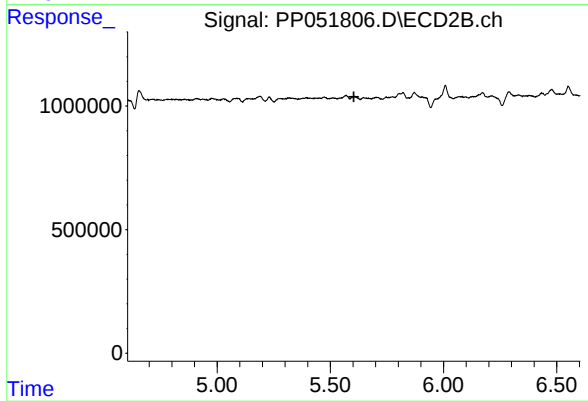
#19 AR-1242-4

R.T.: 5.087 min  
Delta R.T.: 0.014 min  
Response: 348099  
Conc: 10.71 ng/ml



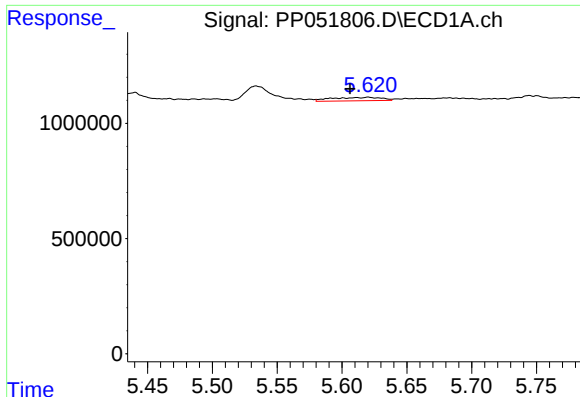
#20 AR-1242-5

R.T.: 6.503 min  
Delta R.T.: -0.027 min  
Response: 182682  
Conc: 5.12 ng/ml



#20 AR-1242-5

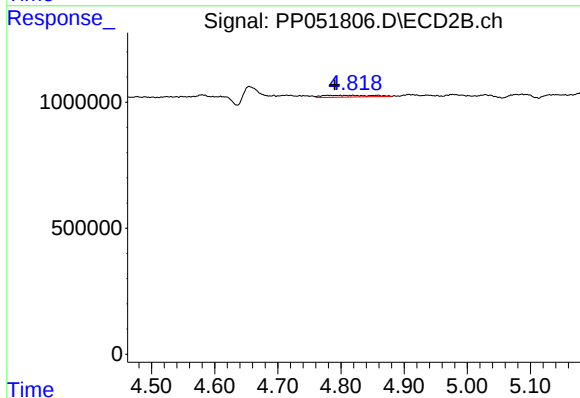
R.T.: 0.000 min  
Exp R.T.: 5.604 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

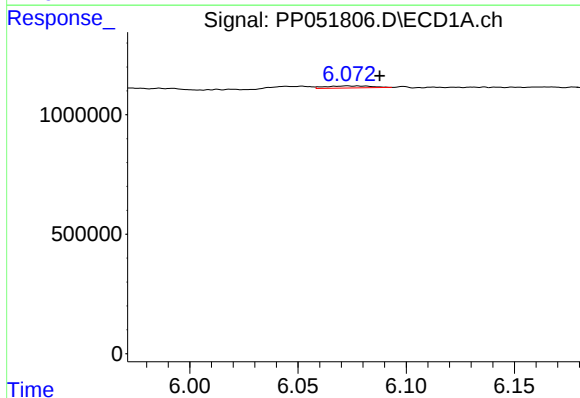
R.T.: 5.620 min  
Delta R.T.: 0.014 min  
Response: 410497  
Conc: 10.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



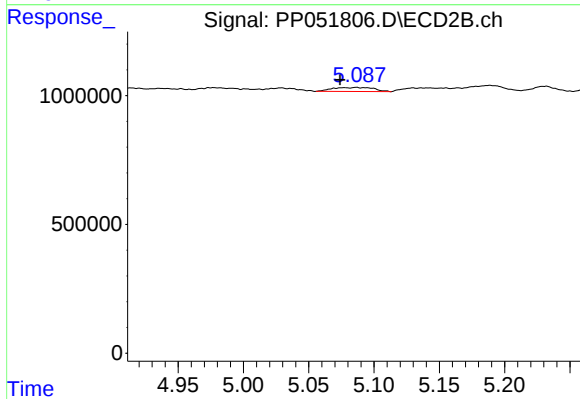
#21 AR-1248-1

R.T.: 4.819 min  
Delta R.T.: 0.029 min  
Response: 379972  
Conc: 11.75 ng/ml



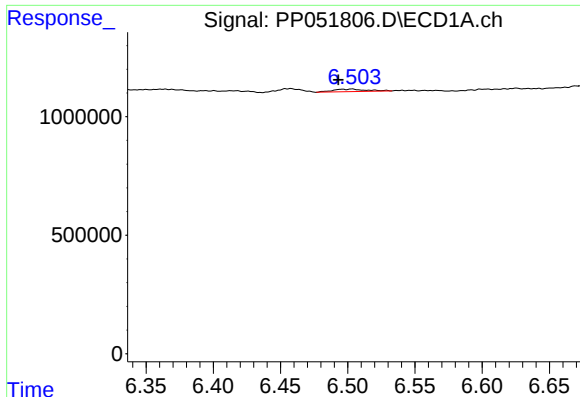
#23 AR-1248-3

R.T.: 6.073 min  
Delta R.T.: -0.015 min  
Response: 130861  
Conc: 2.08 ng/ml



#23 AR-1248-3

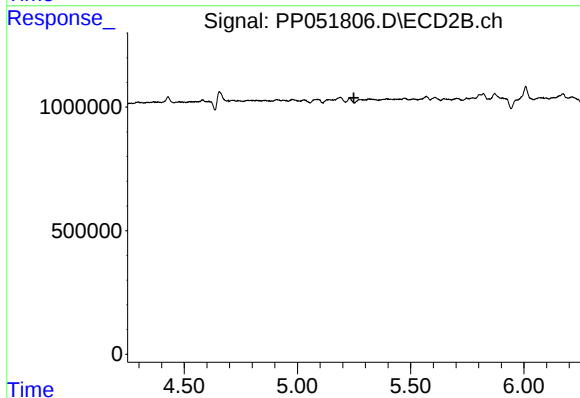
R.T.: 5.087 min  
Delta R.T.: 0.013 min  
Response: 348099  
Conc: 7.36 ng/ml



#24 AR-1248-4

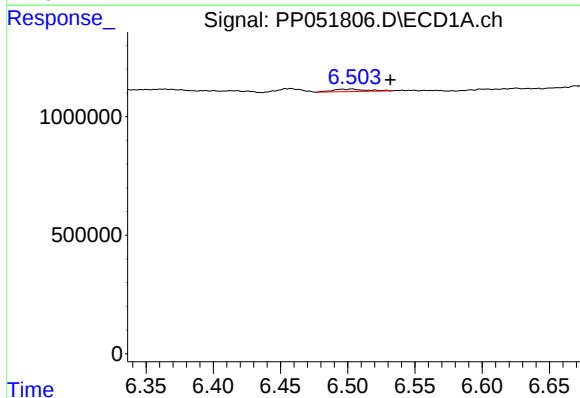
R.T.: 6.503 min  
Delta R.T.: 0.010 min  
Response: 182682  
Conc: 3.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



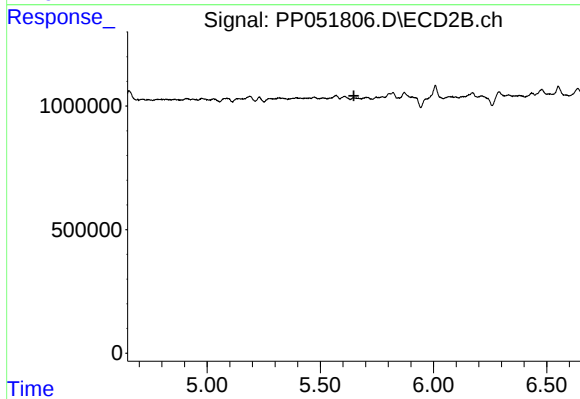
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.249 min  
Response: 0  
Conc: N.D.



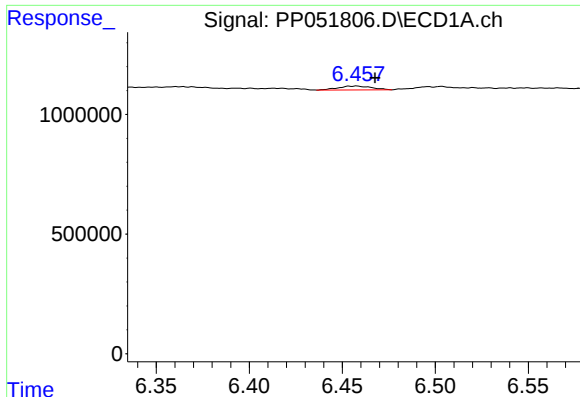
#25 AR-1248-5

R.T.: 6.503 min  
Delta R.T.: -0.029 min  
Response: 182682  
Conc: 2.93 ng/ml



#25 AR-1248-5

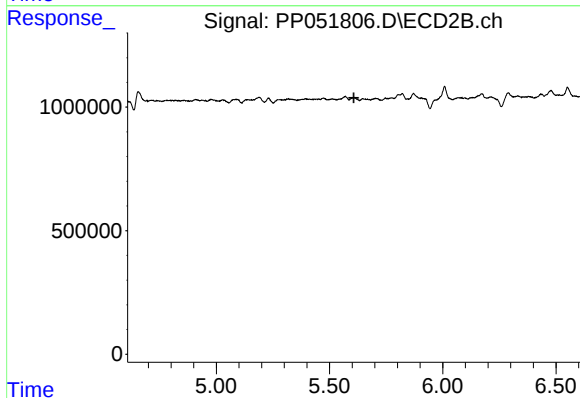
R.T.: 0.000 min  
Exp R.T. : 5.648 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

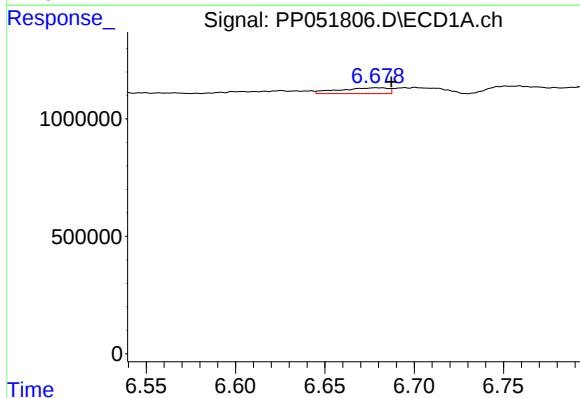
R.T.: 6.458 min  
Delta R.T.: -0.010 min  
Response: 199621  
Conc: 3.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



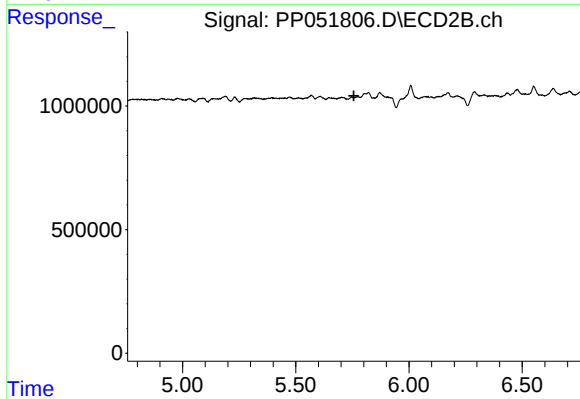
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 5.607 min  
Response: 0  
Conc: N.D.



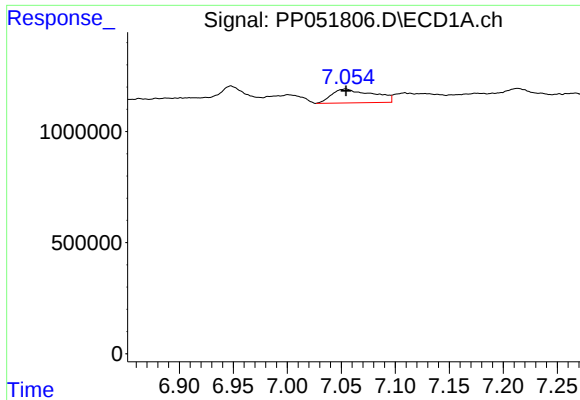
#27 AR-1254-2

R.T.: 6.679 min  
Delta R.T.: -0.008 min  
Response: 469942  
Conc: 4.07 ng/ml



#27 AR-1254-2

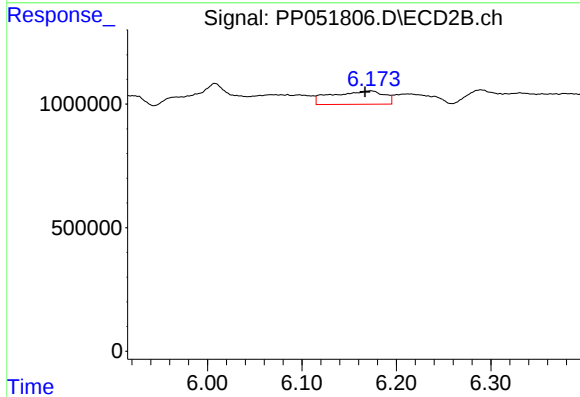
R.T.: 0.000 min  
Exp R.T. : 5.756 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

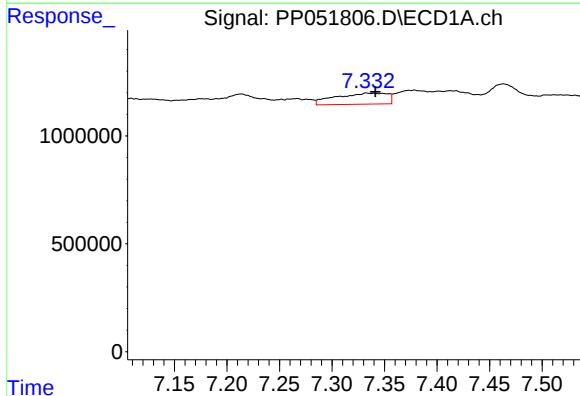
R.T.: 7.054 min  
Delta R.T.: 0.000 min  
Response: 1651079  
Conc: 13.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



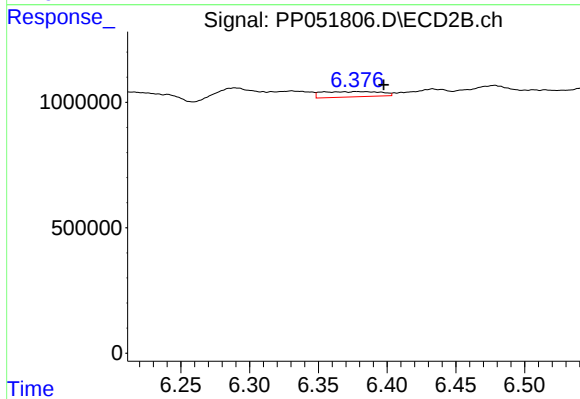
#28 AR-1254-3

R.T.: 6.172 min  
Delta R.T.: 0.005 min  
Response: 2063168  
Conc: 18.38 ng/ml



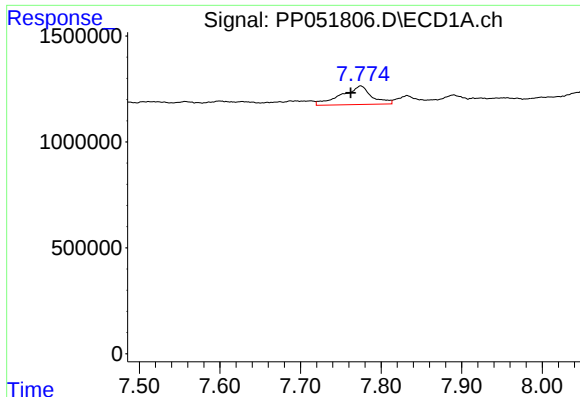
#29 AR-1254-4

R.T.: 7.333 min  
Delta R.T.: -0.008 min  
Response: 1747711  
Conc: 21.10 ng/ml



#29 AR-1254-4

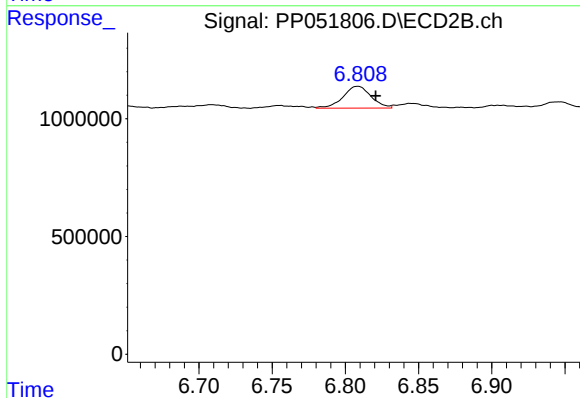
R.T.: 6.380 min  
Delta R.T.: -0.018 min  
Response: 624331  
Conc: 9.62 ng/ml



#30 AR-1254-5

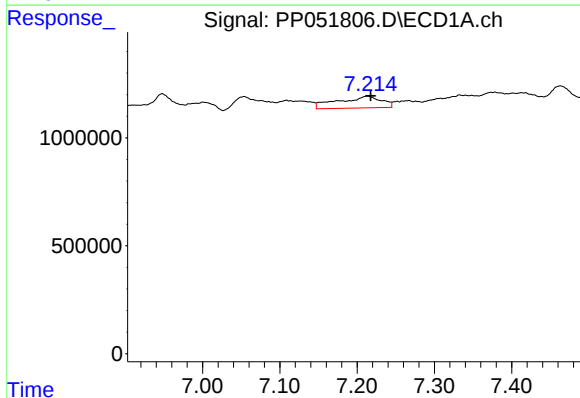
R.T.: 7.775 min  
Delta R.T.: 0.012 min  
Response: 2278926  
Conc: 25.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



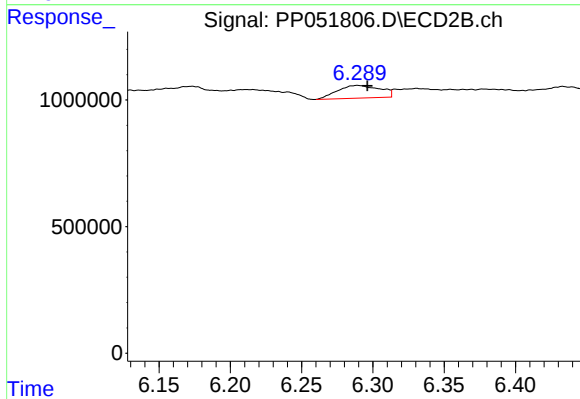
#30 AR-1254-5

R.T.: 6.808 min  
Delta R.T.: -0.012 min  
Response: 1234165  
Conc: 13.20 ng/ml



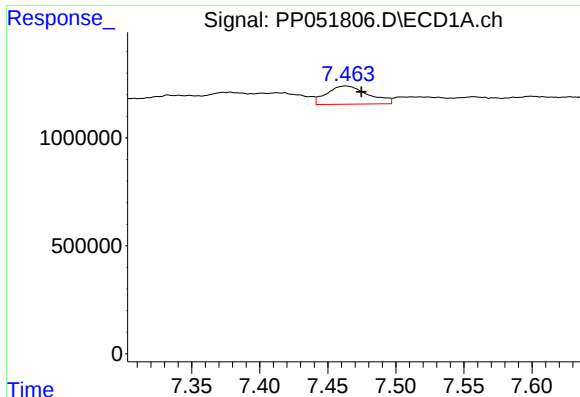
#31 AR-1260-1

R.T.: 7.213 min  
Delta R.T.: -0.004 min  
Response: 2131229  
Conc: 22.83 ng/ml



#31 AR-1260-1

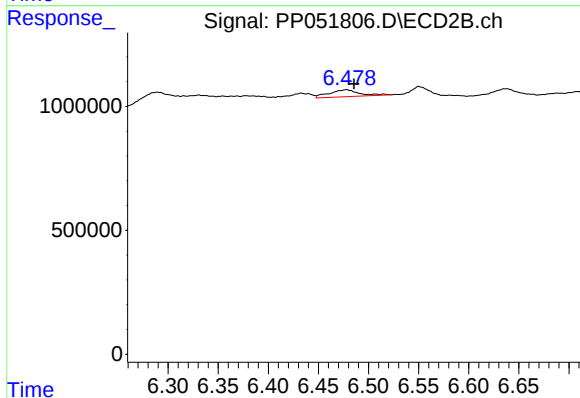
R.T.: 6.289 min  
Delta R.T.: -0.007 min  
Response: 1048468  
Conc: 14.05 ng/ml



#32 AR-1260-2

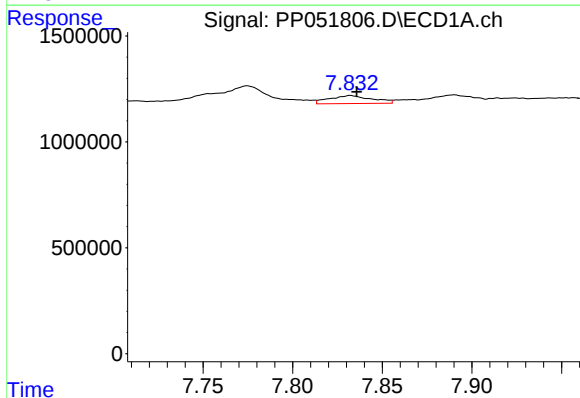
R.T.: 7.463 min  
Delta R.T.: -0.011 min  
Response: 1796031  
Conc: 17.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



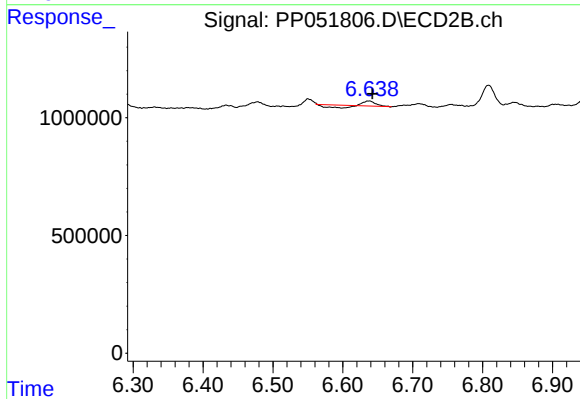
#32 AR-1260-2

R.T.: 6.478 min  
Delta R.T.: -0.008 min  
Response: 578436  
Conc: 6.54 ng/ml



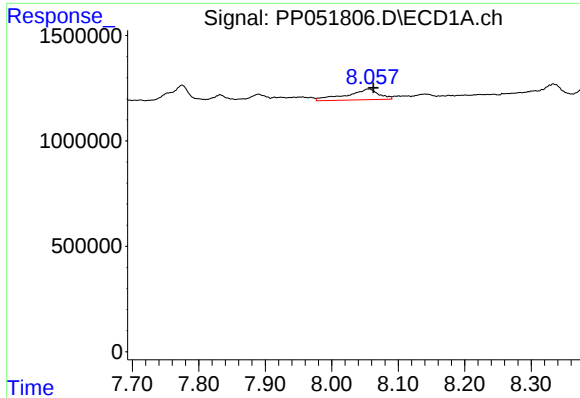
#33 AR-1260-3

R.T.: 7.832 min  
Delta R.T.: -0.003 min  
Response: 633138  
Conc: 8.20 ng/ml



#33 AR-1260-3

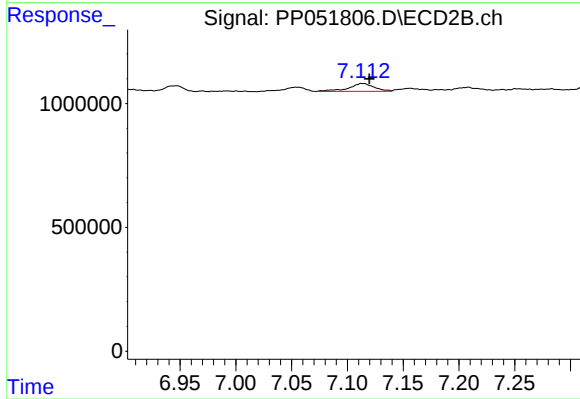
R.T.: 6.637 min  
Delta R.T.: -0.005 min  
Response: 73431  
Conc: 0.87 ng/ml



#34 AR-1260-4

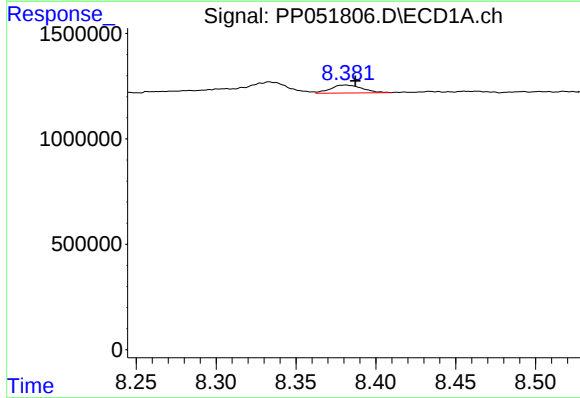
R.T.: 8.056 min  
Delta R.T.: -0.007 min  
Response: 1724564  
Conc: 19.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



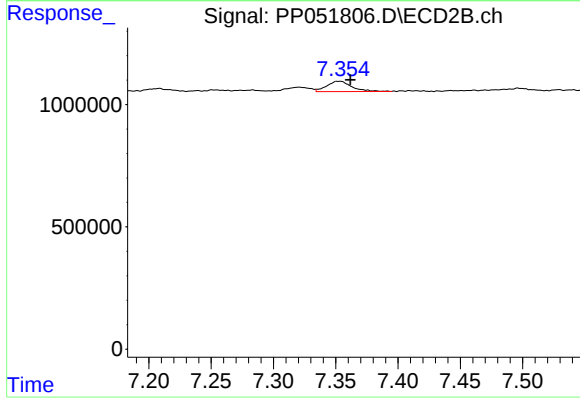
#34 AR-1260-4

R.T.: 7.114 min  
Delta R.T.: -0.006 min  
Response: 500236  
Conc: 7.46 ng/ml



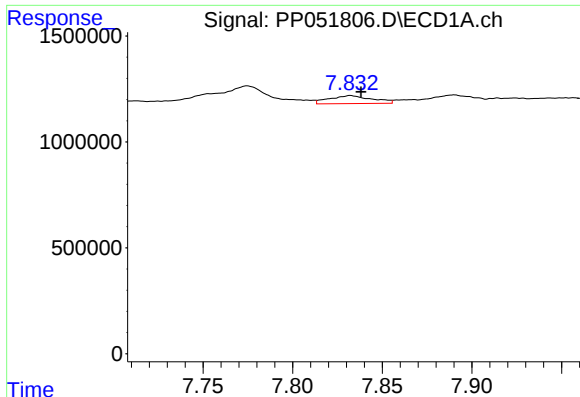
#35 AR-1260-5

R.T.: 8.381 min  
Delta R.T.: -0.006 min  
Response: 522563  
Conc: 3.40 ng/ml



#35 AR-1260-5

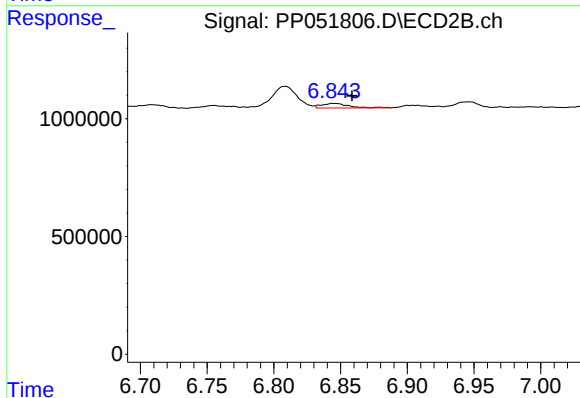
R.T.: 7.353 min  
Delta R.T.: -0.009 min  
Response: 587602  
Conc: 3.98 ng/ml



#36 AR-1262-1

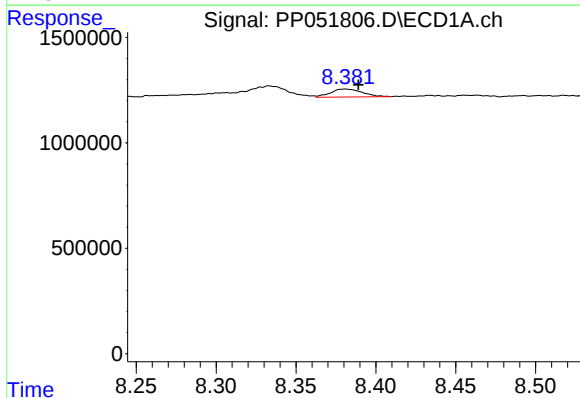
R.T.: 7.832 min  
Delta R.T.: -0.006 min  
Response: 633138  
Conc: 6.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



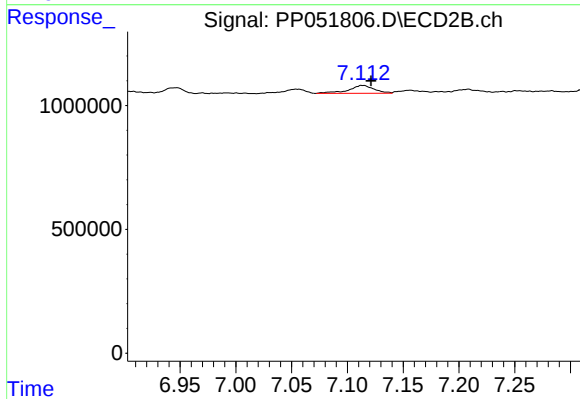
#36 AR-1262-1

R.T.: 6.845 min  
Delta R.T.: -0.013 min  
Response: 274738  
Conc: 2.93 ng/ml



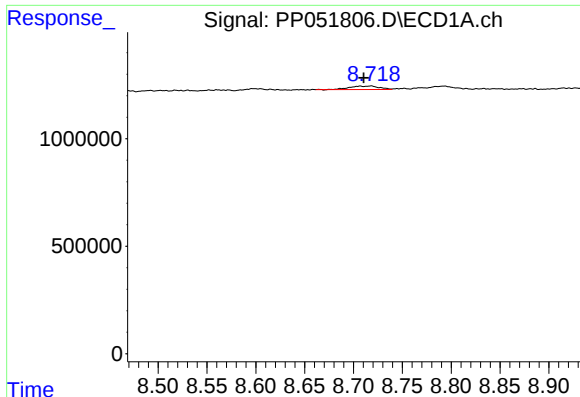
#37 AR-1262-2

R.T.: 8.381 min  
Delta R.T.: -0.008 min  
Response: 522563  
Conc: 3.29 ng/ml



#37 AR-1262-2

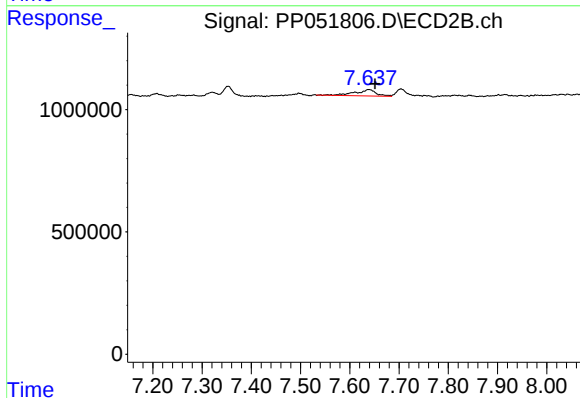
R.T.: 7.114 min  
Delta R.T.: -0.008 min  
Response: 500236  
Conc: 5.94 ng/ml



#38 AR-1262-3

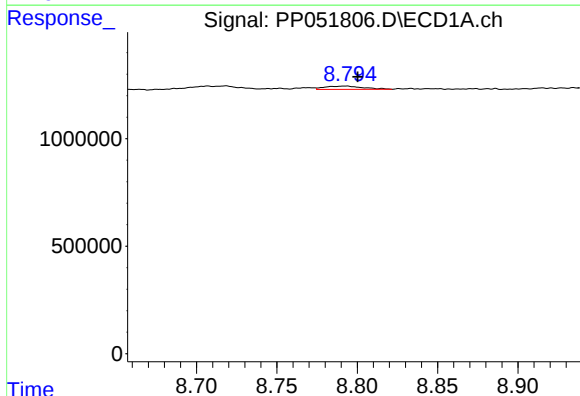
R.T.: 8.718 min  
Delta R.T.: 0.008 min  
Response: 337572  
Conc: 2.92 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



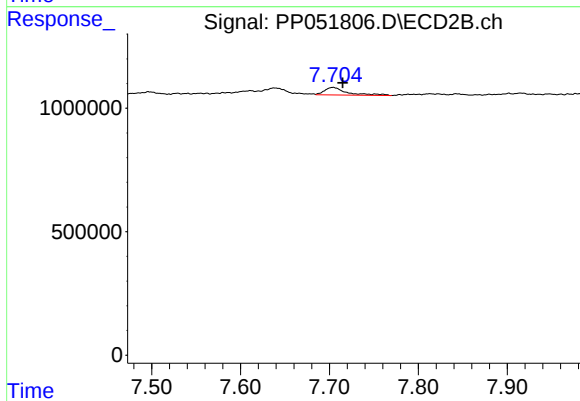
#38 AR-1262-3

R.T.: 7.639 min  
Delta R.T.: -0.012 min  
Response: 753298  
Conc: 11.62 ng/ml



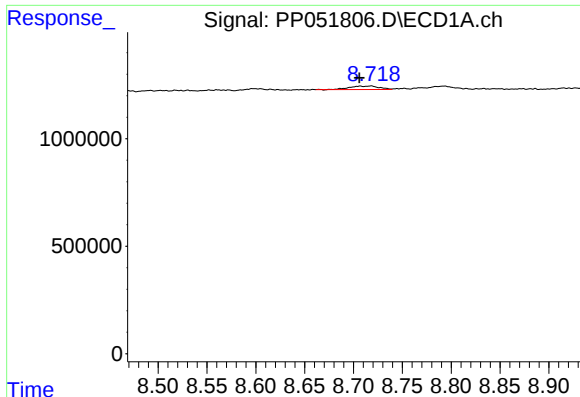
#39 AR-1262-4

R.T.: 8.793 min  
Delta R.T.: -0.008 min  
Response: 251483  
Conc: 5.07 ng/ml



#39 AR-1262-4

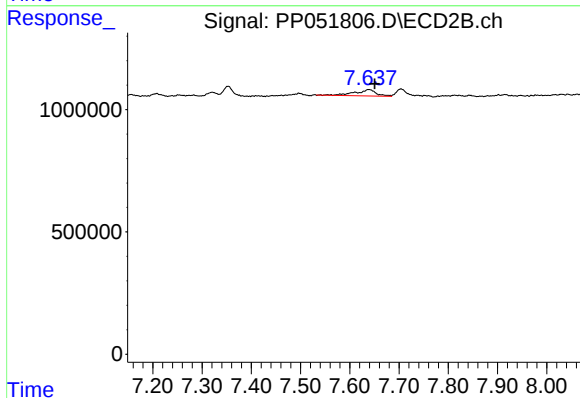
R.T.: 7.704 min  
Delta R.T.: -0.011 min  
Response: 539078  
Conc: 4.55 ng/ml



#41 AR-1268-1

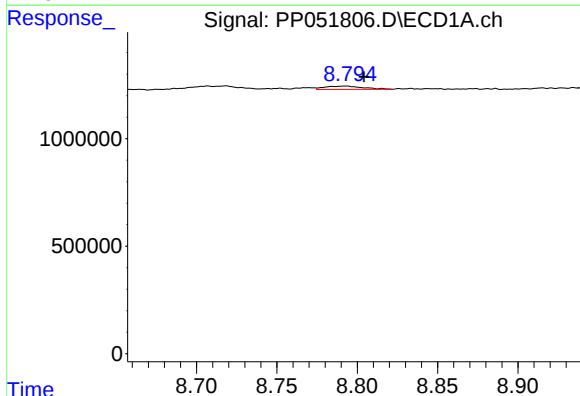
R.T.: 8.718 min  
Delta R.T.: 0.012 min  
Response: 337572  
Conc: 1.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



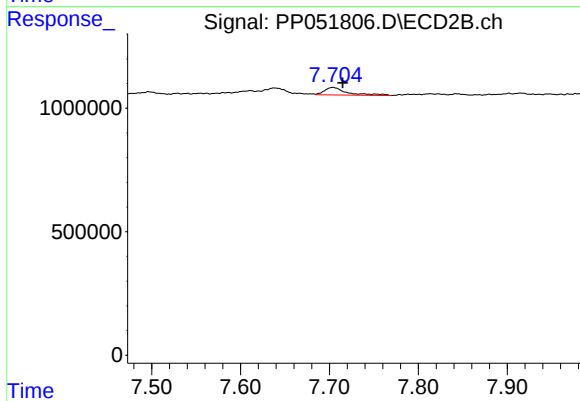
#41 AR-1268-1

R.T.: 7.639 min  
Delta R.T.: -0.012 min  
Response: 753298  
Conc: 4.00 ng/ml



#42 AR-1268-2

R.T.: 8.793 min  
Delta R.T.: -0.011 min  
Response: 251483  
Conc: 1.37 ng/ml



#42 AR-1268-2

R.T.: 7.704 min  
Delta R.T.: -0.011 min  
Response: 539078  
Conc: 3.22 ng/ml