

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP050722\  
 Data File : PP047201.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 May 2022 09:53  
 Operator : YP\AJ  
 Sample : N2619-21  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 09 02:46:29 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042222.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri May 06 10:17:17 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... | 3.853  | 3.119  | 54489725 | 78660553 | 22.573  | 23.979   |
| 2)                          | SA Decachlor... | 9.921  | 8.426  | 30786714 | 52998134 | 20.922  | 22.219   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 5.130f | 0.000  | 64394    | 0        | 0.855   | N.D. #   |
| 4)                          | L1 AR-1016-2    | 5.130  | 4.294f | 64394    | 418804   | 0.565   | 2.468 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.458  | 0        | 937393   | N.D.    | 10.708 # |
| 6)                          | L1 AR-1016-4    | 5.290  | 4.514  | 93720    | 238611   | 1.559   | 3.427 #  |
| 7)                          | L1 AR-1016-5    | 5.609  | 0.000  | 886991   | 0        | 16.752  | N.D. #   |
| 8)                          | L2 AR-1221-1    | 4.075f | 0.000  | 3280278  | 0        | 118.944 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.175  | 3.455  | 1030168  | 894479   | 50.739  | 26.483 # |
| 10)                         | L2 AR-1221-3    | 4.261  | 3.534  | 285774   | 186624   | 4.384   | 1.879 #  |
| 11)                         | L3 AR-1232-1    | 4.261  | 3.534  | 285774   | 186624   | 5.837   | 2.460 #  |
| 12)                         | L3 AR-1232-2    | 4.829  | 4.294  | 33609    | 418804   | 1.385   | 5.809 #  |
| 13)                         | L3 AR-1232-3    | 5.130  | 4.458  | 64394    | 937393   | 1.363   | 25.746 # |
| 14)                         | L3 AR-1232-4    | 5.307  | 4.550  | 130845   | 299507   | 5.377   | 9.402 #  |
| 15)                         | L3 AR-1232-5    | 5.403  | 0.000  | 108972   | 0        | 6.549   | N.D. #   |
| 17)                         | L4 AR-1242-2    | 5.130  | 4.294f | 64394    | 418804   | 0.676   | 2.891 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.458  | 0        | 937393   | N.D.    | 12.613 # |
| 19)                         | L4 AR-1242-4    | 5.290  | 4.550  | 93720    | 299507   | 1.853   | 4.194 #  |
| 20)                         | L4 AR-1242-5    | 6.090  | 5.082  | 184696   | 188443   | 3.665   | 1.953 #  |
| 21)                         | L5 AR-1248-1    | 5.130f | 0.000  | 64394    | 0        | 1.541   | N.D. #   |
| 22)                         | L5 AR-1248-2    | 5.403  | 4.514  | 108972   | 238611   | 1.844   | 2.552 #  |
| 23)                         | L5 AR-1248-3    | 5.637  | 4.550  | 203019   | 299507   | 2.906   | 3.068    |
| 25)                         | L5 AR-1248-5    | 6.090f | 5.153  | 184696   | 152616   | 2.375   | 1.252 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.082  | 0        | 188443   | N.D.    | 0.977 #  |
| 27)                         | L6 AR-1254-2    | 6.246  | 5.252  | 305944   | 90467    | 2.482   | 0.543 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 5.674  | 0        | 300499   | N.D.    | 1.205 #  |
| 29)                         | L6 AR-1254-4    | 6.946f | 5.950f | 325386   | 493379   | 3.274   | 2.876    |
| 30)                         | L6 AR-1254-5    | 7.452f | 6.365f | 1942576  | 42409    | 22.087  | 0.194 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 5.798f | 0        | 278646   | N.D.    | 1.751 #  |
| 32)                         | L7 AR-1260-2    | 7.106  | 6.011f | 625212   | 147645   | 6.209   | 0.726 #  |
| 33)                         | L7 AR-1260-3    | 7.515  | 6.183  | 604998   | 213563   | 7.468   | 1.250 #  |
| 34)                         | L7 AR-1260-4    | 7.746f | 0.000  | 3318993  | 0        | 41.669  | N.D. #   |
| 36)                         | L8 AR-1262-1    | 7.515  | 0.000  | 604998   | 0        | 5.005   | N.D. #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.309f | 0        | 966348   | N.D.    | 5.952 #  |
| 39)                         | L8 AR-1262-4    | 8.555f | 0.000  | 399292   | 0        | 6.340   | N.D. #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.309f | 0        | 966348   | N.D.    | 2.017 #  |
| 42)                         | L9 AR-1268-2    | 8.555f | 0.000  | 399292   | 0        | 1.803   | N.D. #   |
| 43)                         | L9 AR-1268-3    | 8.792f | 7.604f | 771517   | 2408351  | 4.016   | 6.809 #  |
| -----                       |                 |        |        |          |          |         |          |

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

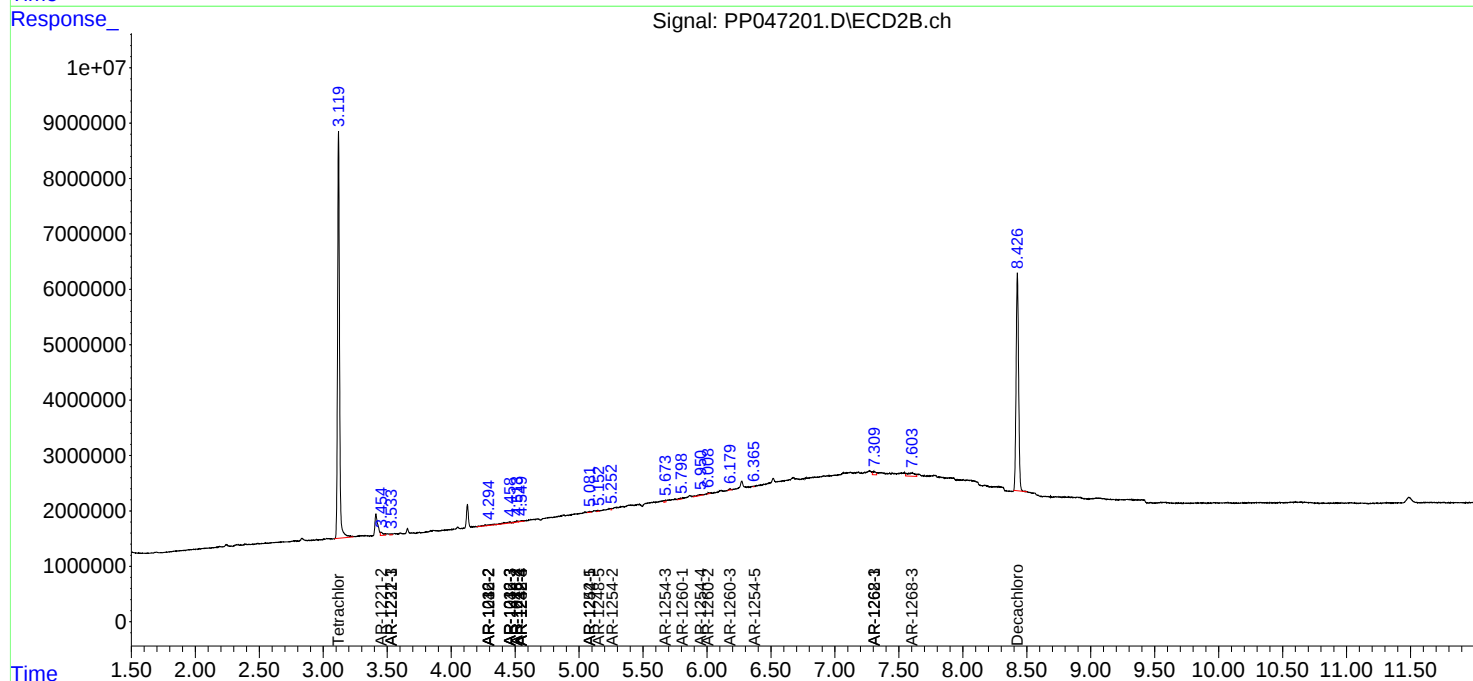
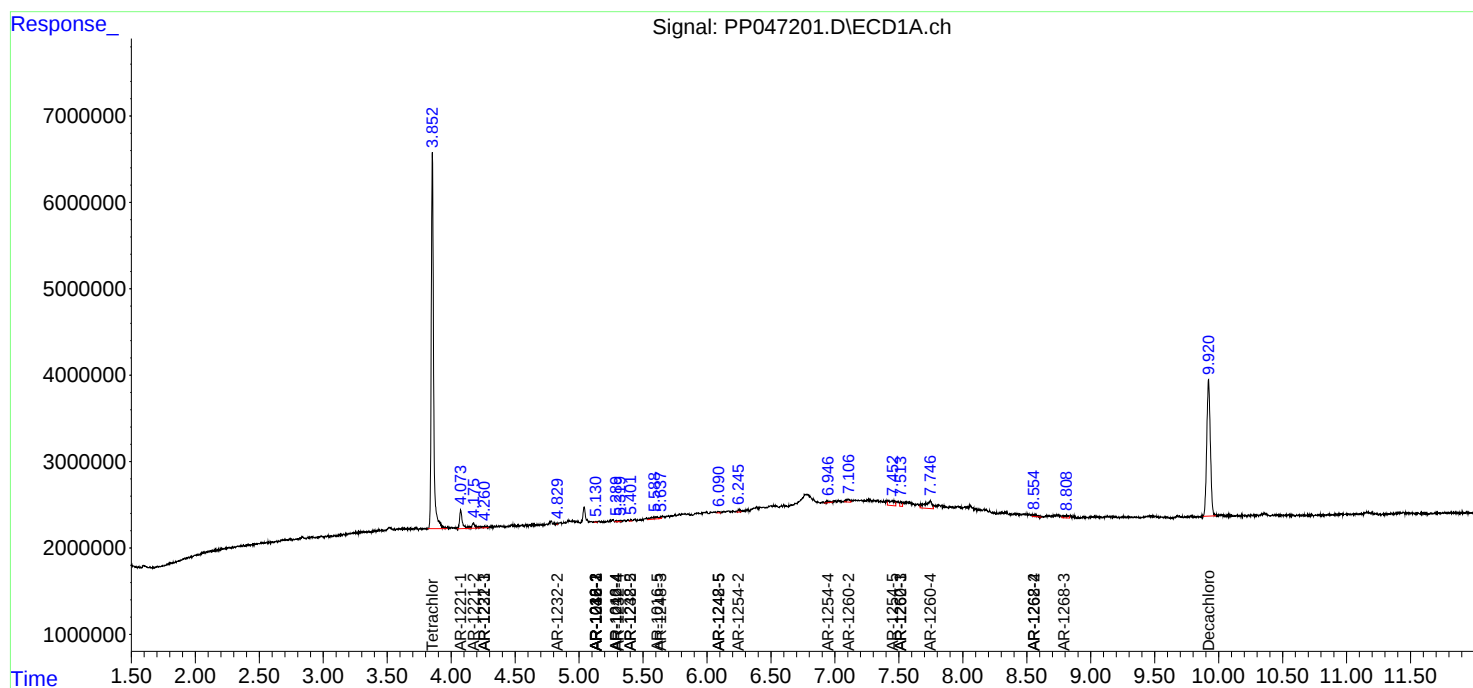
Instrument :  
ECD\_P  
ClientSampleId :

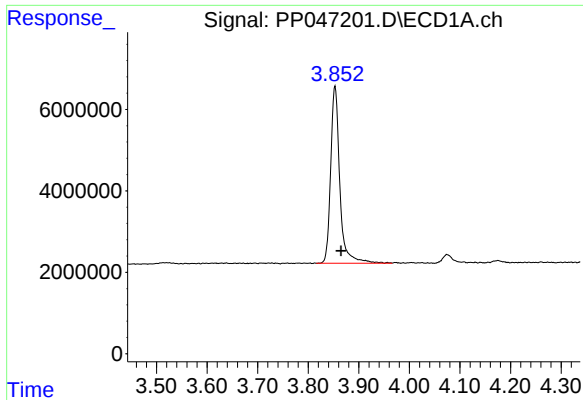
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP050722\  
Data File : PP047201.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 May 2022 09:53  
Operator : YP\AJ  
Sample : N2619-21  
Misc :  
ALS Vial : 62 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 09 02:46:29 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042222.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri May 06 10:17:17 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

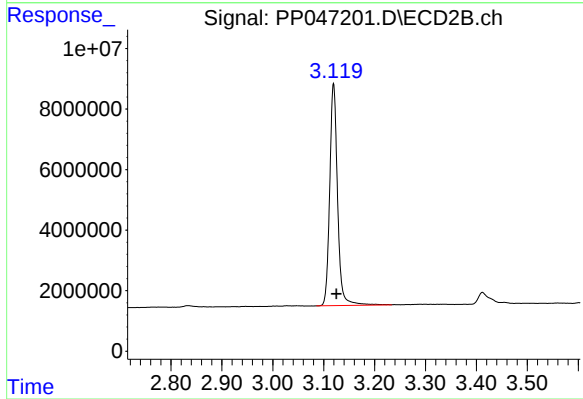




#1 Tetrachloro-m-xylene

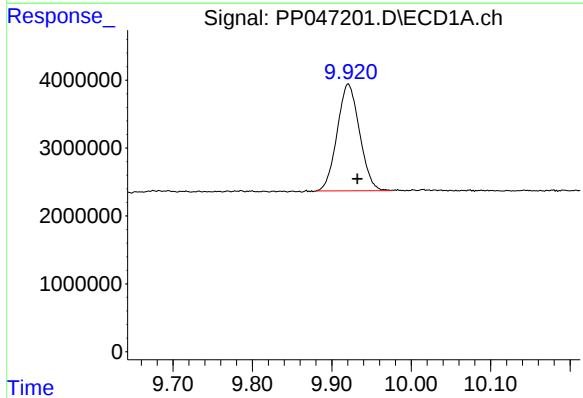
R.T.: 3.853 min  
Delta R.T.: -0.012 min  
Response: 54489725  
Conc: 22.57 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



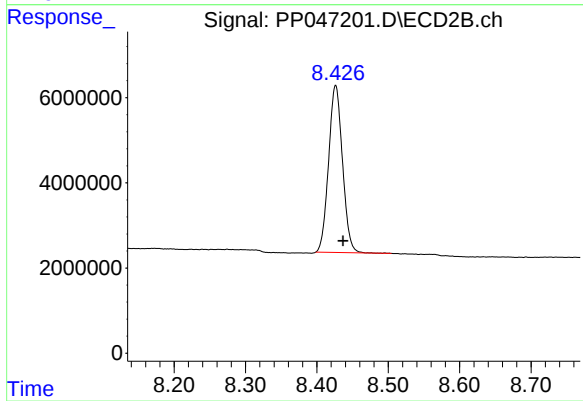
#1 Tetrachloro-m-xylene

R.T.: 3.119 min  
Delta R.T.: -0.005 min  
Response: 78660553  
Conc: 23.98 ng/ml



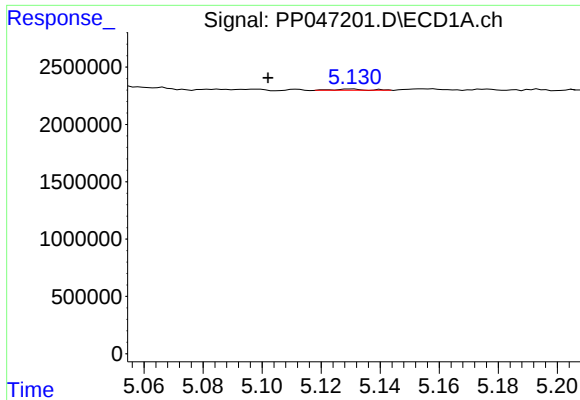
#2 Decachlorobiphenyl

R.T.: 9.921 min  
Delta R.T.: -0.011 min  
Response: 30786714  
Conc: 20.92 ng/ml



#2 Decachlorobiphenyl

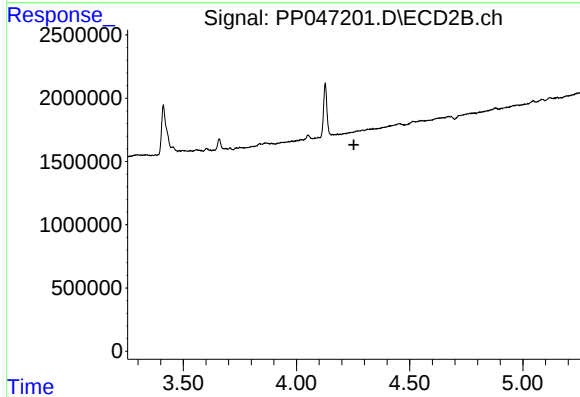
R.T.: 8.426 min  
Delta R.T.: -0.010 min  
Response: 52998134  
Conc: 22.22 ng/ml



#3 AR-1016-1

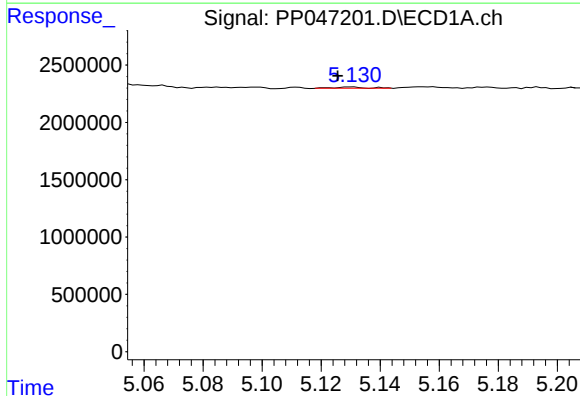
R.T.: 5.130 min  
Delta R.T.: 0.028 min  
Response: 64394  
Conc: 0.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



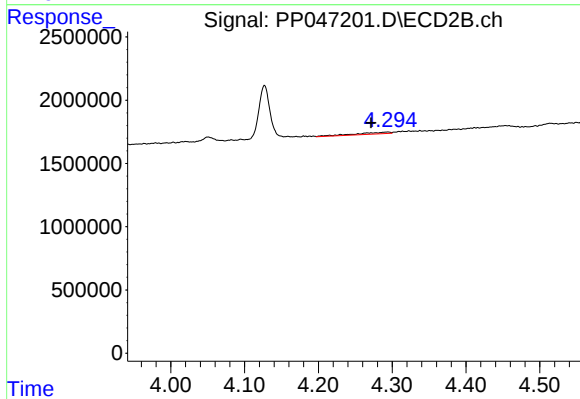
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.254 min  
Response: 0  
Conc: N.D.



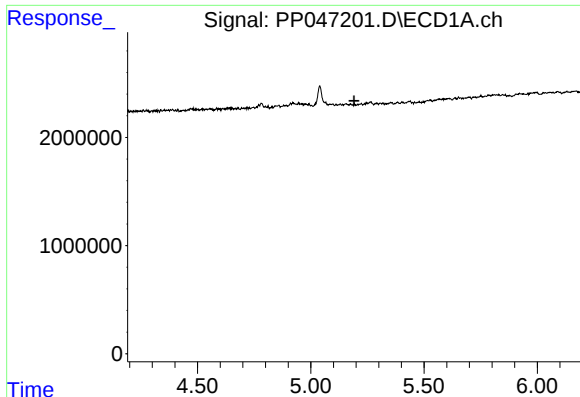
#4 AR-1016-2

R.T.: 5.130 min  
Delta R.T.: 0.004 min  
Response: 64394  
Conc: 0.57 ng/ml



#4 AR-1016-2

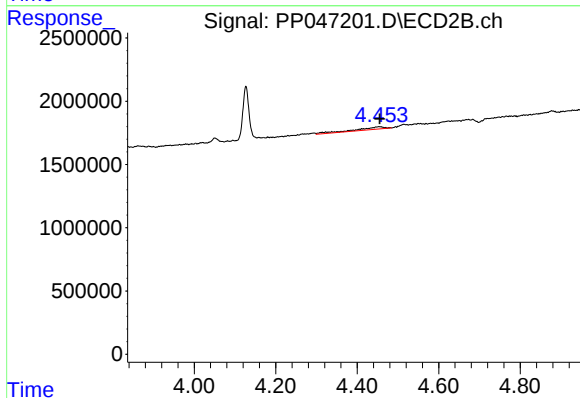
R.T.: 4.294 min  
Delta R.T.: 0.023 min  
Response: 418804  
Conc: 2.47 ng/ml



#5 AR-1016-3

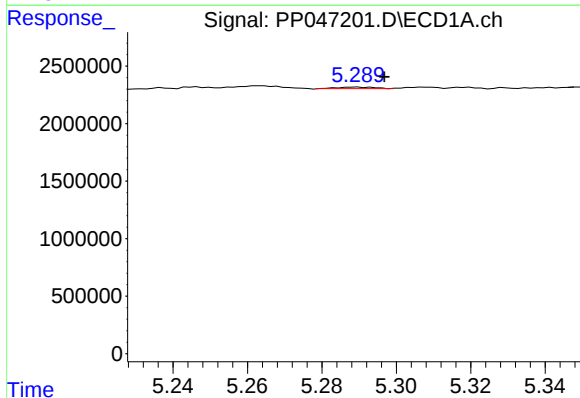
R.T.: 0.000 min  
Exp R.T.: 5.191 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



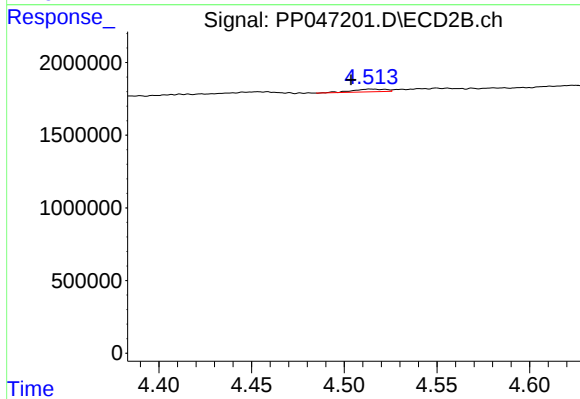
#5 AR-1016-3

R.T.: 4.458 min  
Delta R.T.: 0.003 min  
Response: 937393  
Conc: 10.71 ng/ml



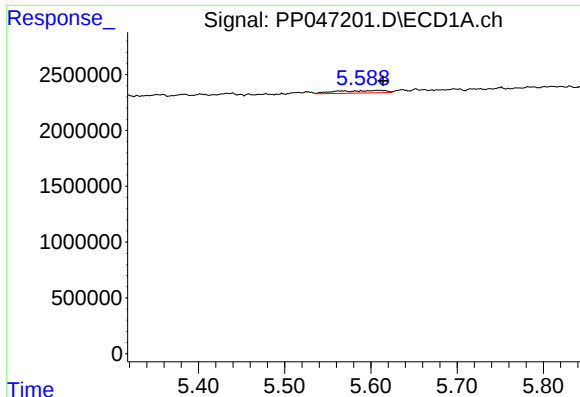
#6 AR-1016-4

R.T.: 5.290 min  
Delta R.T.: -0.007 min  
Response: 93720  
Conc: 1.56 ng/ml



#6 AR-1016-4

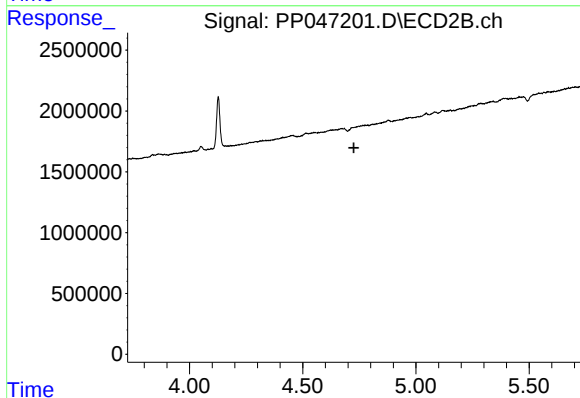
R.T.: 4.514 min  
Delta R.T.: 0.011 min  
Response: 238611  
Conc: 3.43 ng/ml



#7 AR-1016-5

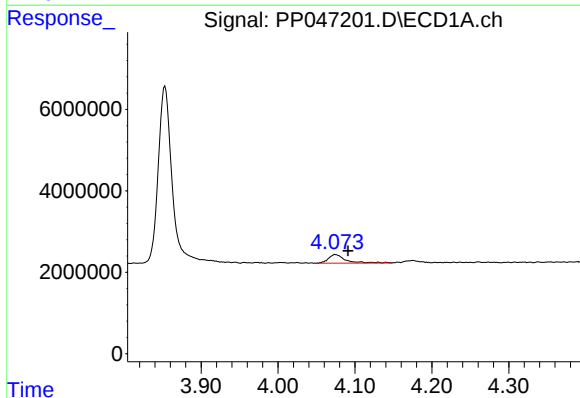
R.T.: 5.609 min  
Delta R.T.: -0.005 min  
Response: 886991  
Conc: 16.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



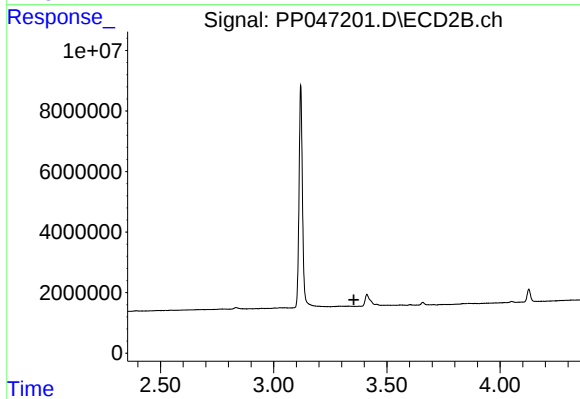
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 4.726 min  
Response: 0  
Conc: N.D.



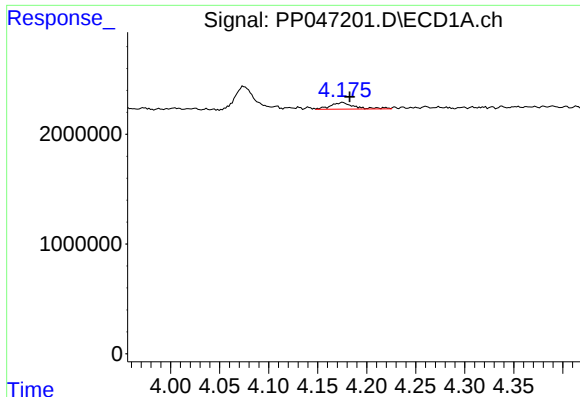
#8 AR-1221-1

R.T.: 4.075 min  
Delta R.T.: -0.016 min  
Response: 3280278  
Conc: 118.94 ng/ml



#8 AR-1221-1

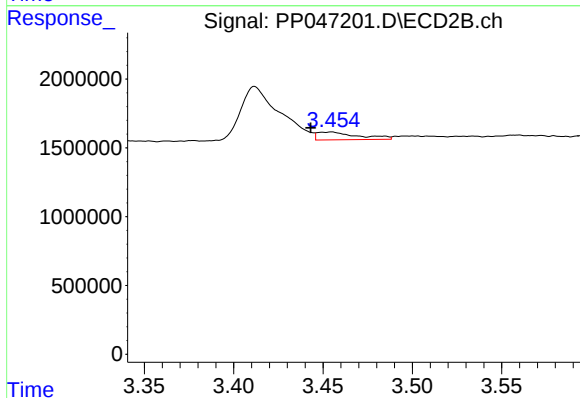
R.T.: 0.000 min  
Exp R.T. : 3.354 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

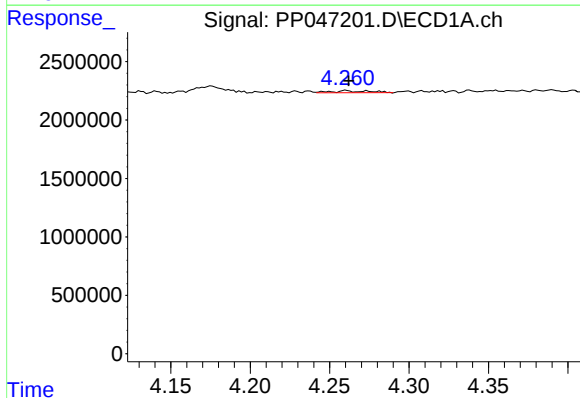
R.T.: 4.175 min  
Delta R.T.: -0.008 min  
Response: 1030168  
Conc: 50.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



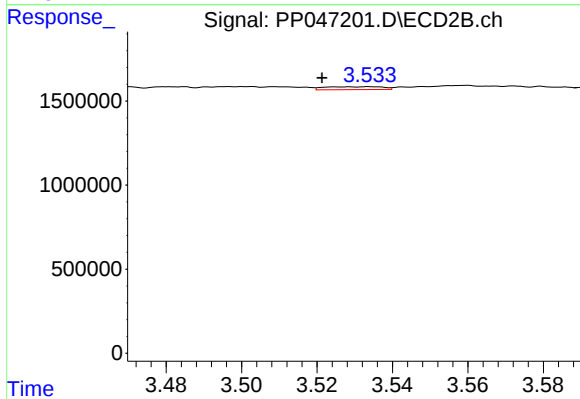
#9 AR-1221-2

R.T.: 3.455 min  
Delta R.T.: 0.011 min  
Response: 894479  
Conc: 26.48 ng/ml



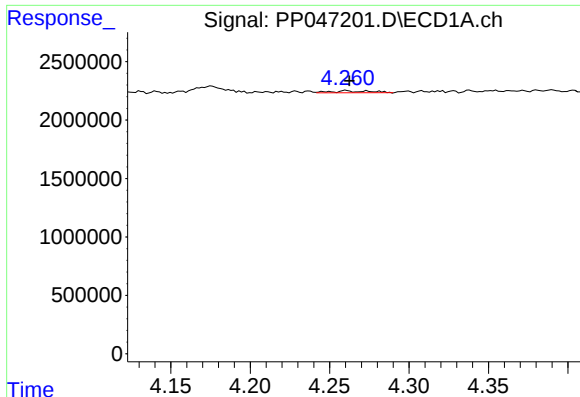
#10 AR-1221-3

R.T.: 4.261 min  
Delta R.T.: -0.001 min  
Response: 285774  
Conc: 4.38 ng/ml



#10 AR-1221-3

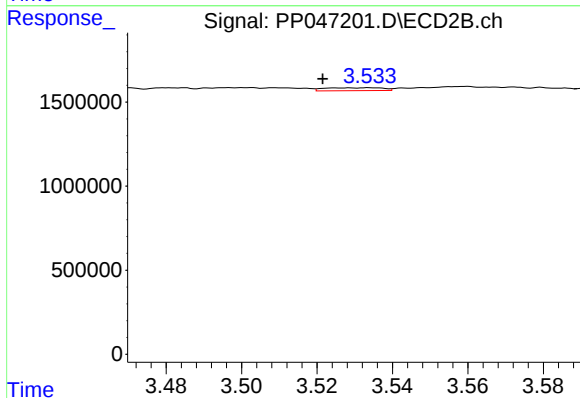
R.T.: 3.534 min  
Delta R.T.: 0.013 min  
Response: 186624  
Conc: 1.88 ng/ml



#11 AR-1232-1

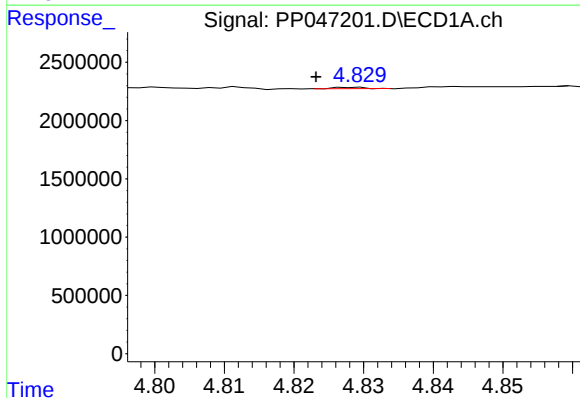
R.T.: 4.261 min  
Delta R.T.: -0.002 min  
Response: 285774  
Conc: 5.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



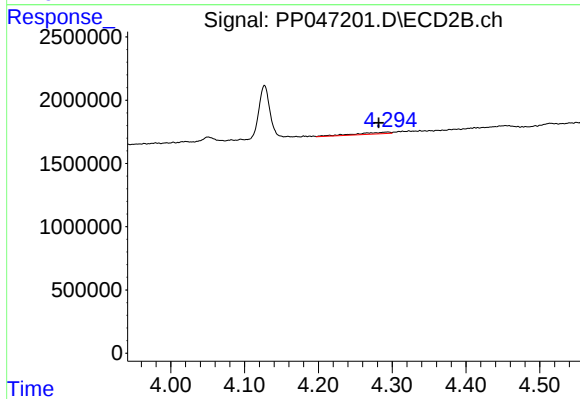
#11 AR-1232-1

R.T.: 3.534 min  
Delta R.T.: 0.013 min  
Response: 186624  
Conc: 2.46 ng/ml



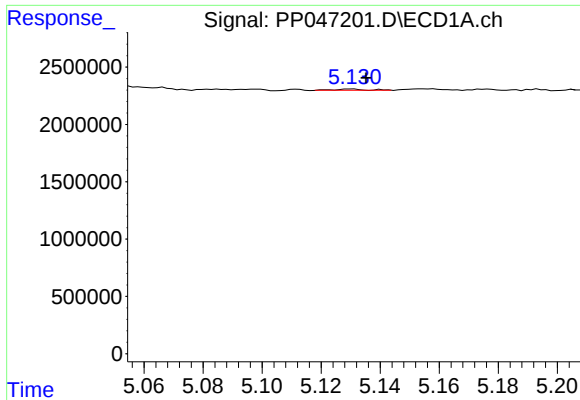
#12 AR-1232-2

R.T.: 4.829 min  
Delta R.T.: 0.005 min  
Response: 33609  
Conc: 1.38 ng/ml



#12 AR-1232-2

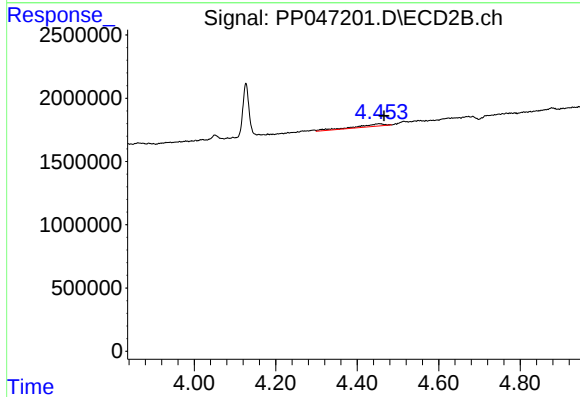
R.T.: 4.294 min  
Delta R.T.: 0.012 min  
Response: 418804  
Conc: 5.81 ng/ml



#13 AR-1232-3

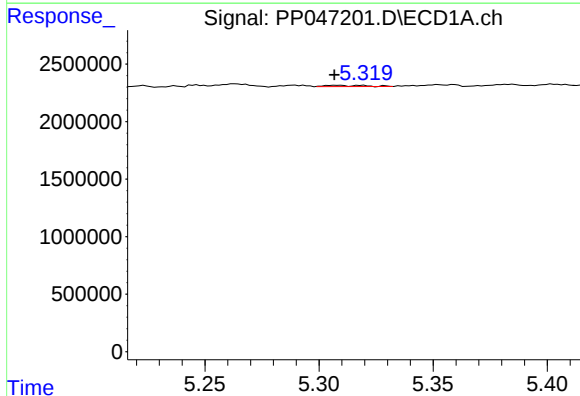
R.T.: 5.130 min  
Delta R.T.: -0.005 min  
Response: 64394  
Conc: 1.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



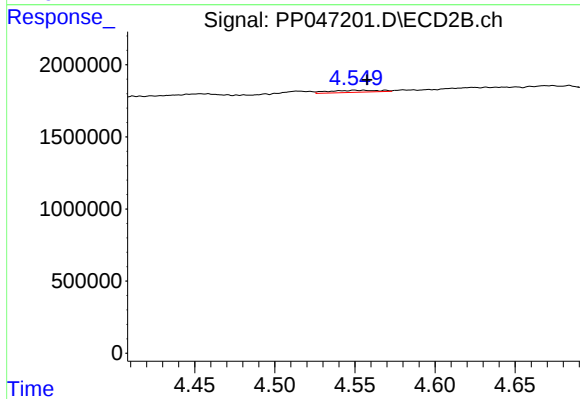
#13 AR-1232-3

R.T.: 4.458 min  
Delta R.T.: -0.008 min  
Response: 937393  
Conc: 25.75 ng/ml



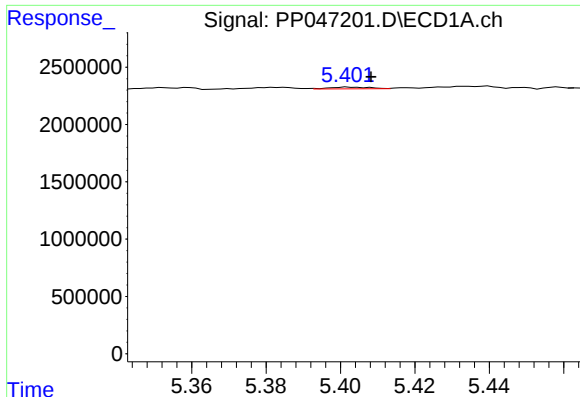
#14 AR-1232-4

R.T.: 5.307 min  
Delta R.T.: 0.000 min  
Response: 130845  
Conc: 5.38 ng/ml



#14 AR-1232-4

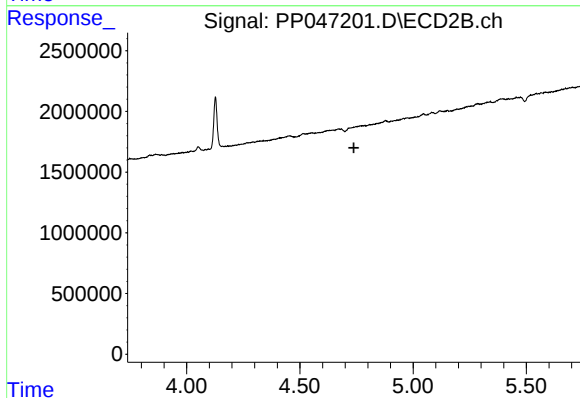
R.T.: 4.550 min  
Delta R.T.: -0.008 min  
Response: 299507  
Conc: 9.40 ng/ml



#15 AR-1232-5

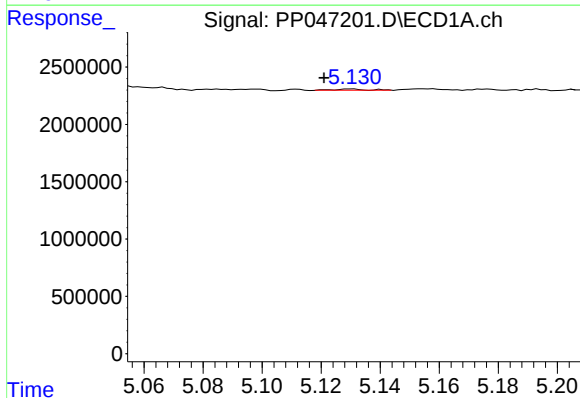
R.T.: 5.403 min  
Delta R.T.: -0.005 min  
Response: 108972  
Conc: 6.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



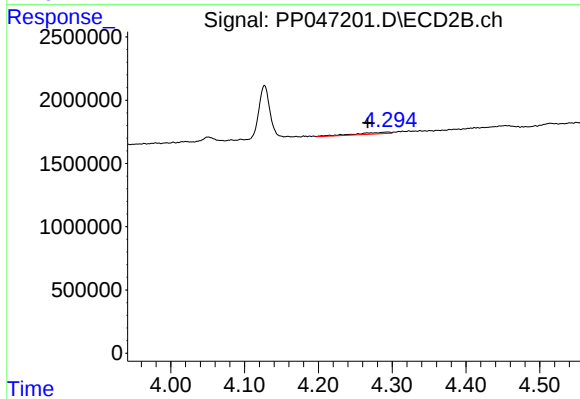
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 4.738 min  
Response: 0  
Conc: N.D.



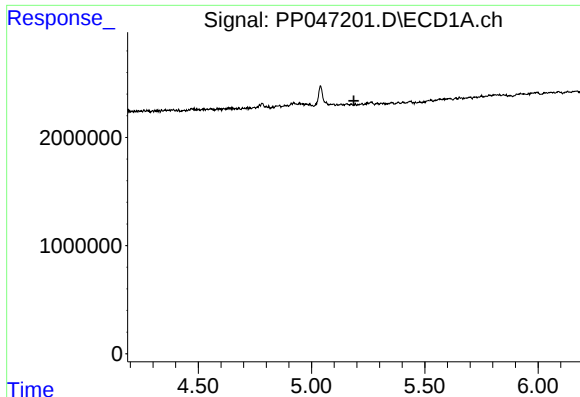
#17 AR-1242-2

R.T.: 5.130 min  
Delta R.T.: 0.009 min  
Response: 64394  
Conc: 0.68 ng/ml



#17 AR-1242-2

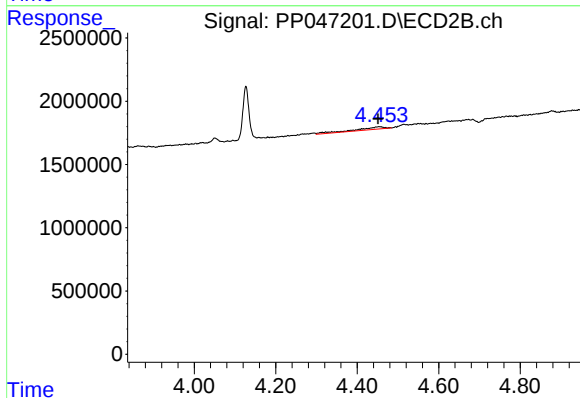
R.T.: 4.294 min  
Delta R.T.: 0.027 min  
Response: 418804  
Conc: 2.89 ng/ml



#18 AR-1242-3

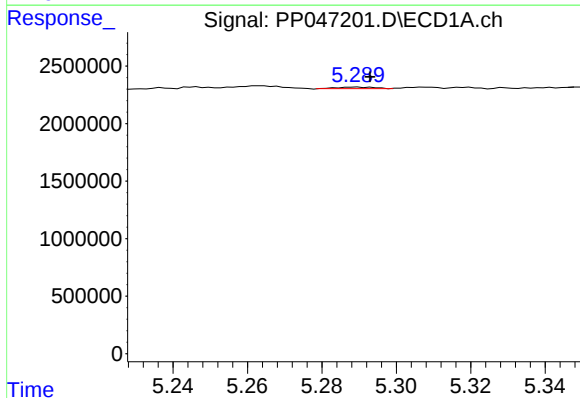
R.T.: 0.000 min  
Exp R.T.: 5.187 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



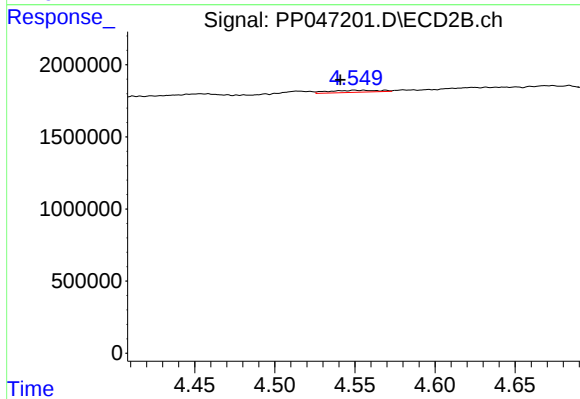
#18 AR-1242-3

R.T.: 4.458 min  
Delta R.T.: 0.007 min  
Response: 937393  
Conc: 12.61 ng/ml



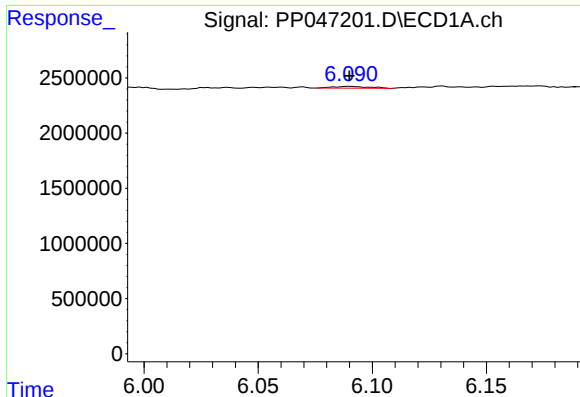
#19 AR-1242-4

R.T.: 5.290 min  
Delta R.T.: -0.003 min  
Response: 93720  
Conc: 1.85 ng/ml



#19 AR-1242-4

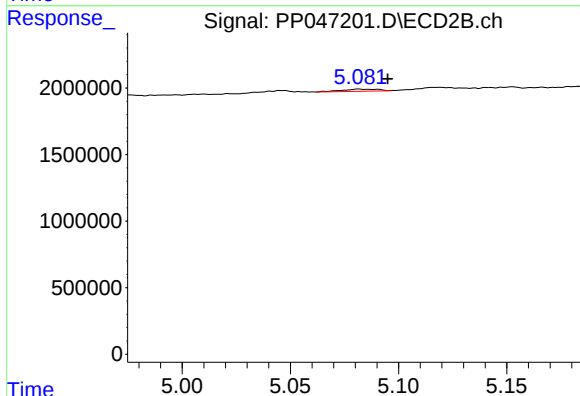
R.T.: 4.550 min  
Delta R.T.: 0.009 min  
Response: 299507  
Conc: 4.19 ng/ml



#20 AR-1242-5

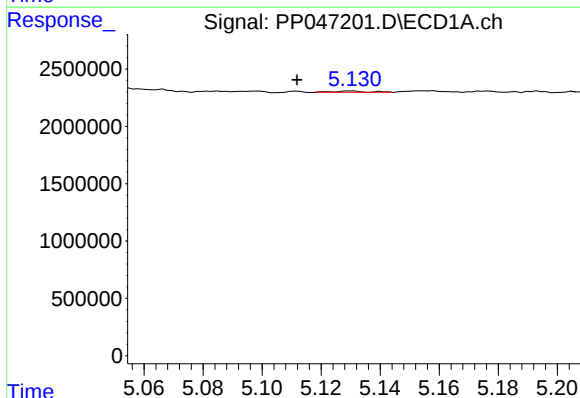
R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 184696  
Conc: 3.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



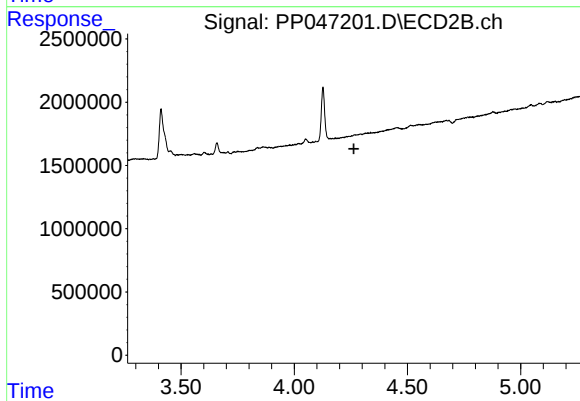
#20 AR-1242-5

R.T.: 5.082 min  
Delta R.T.: -0.013 min  
Response: 188443  
Conc: 1.95 ng/ml



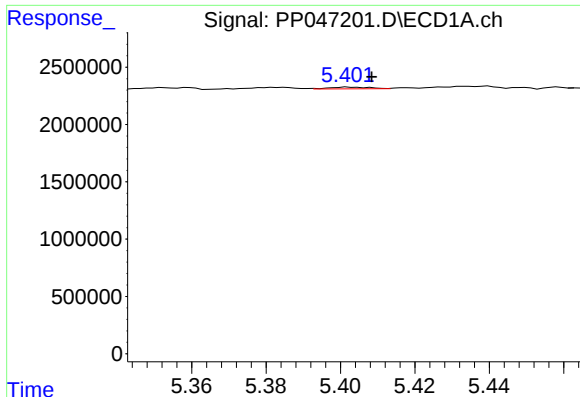
#21 AR-1248-1

R.T.: 5.130 min  
Delta R.T.: 0.018 min  
Response: 64394  
Conc: 1.54 ng/ml



#21 AR-1248-1

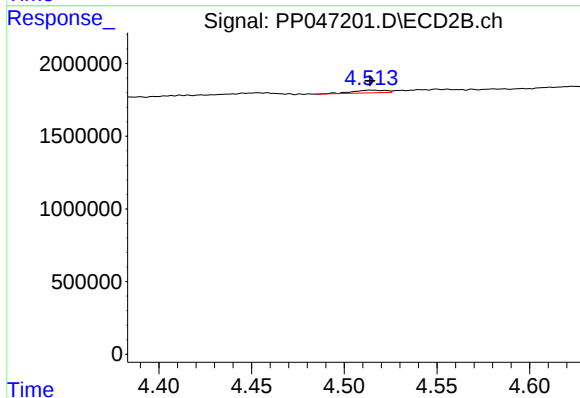
R.T.: 0.000 min  
Exp R.T.: 4.263 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

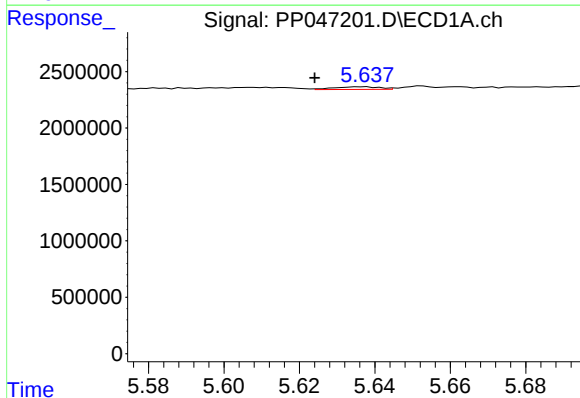
R.T.: 5.403 min  
Delta R.T.: -0.005 min  
Response: 108972  
Conc: 1.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



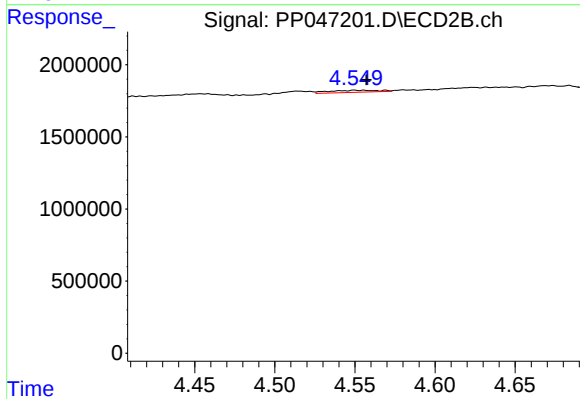
#22 AR-1248-2

R.T.: 4.514 min  
Delta R.T.: 0.000 min  
Response: 238611  
Conc: 2.55 ng/ml



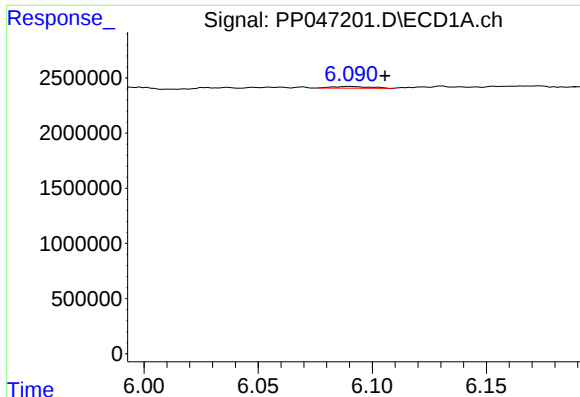
#23 AR-1248-3

R.T.: 5.637 min  
Delta R.T.: 0.013 min  
Response: 203019  
Conc: 2.91 ng/ml



#23 AR-1248-3

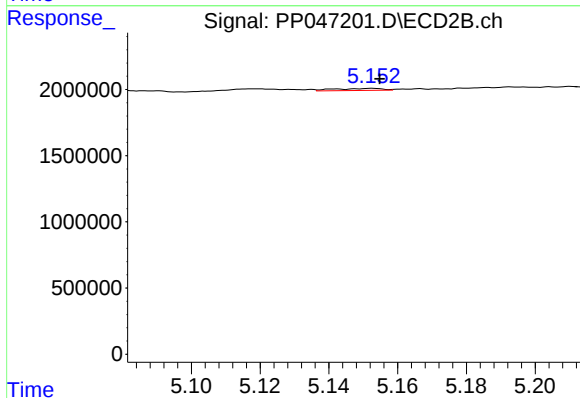
R.T.: 4.550 min  
Delta R.T.: -0.007 min  
Response: 299507  
Conc: 3.07 ng/ml



#25 AR-1248-5

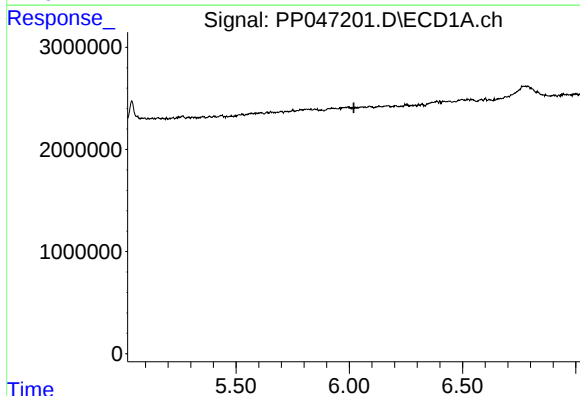
R.T.: 6.090 min  
Delta R.T.: -0.015 min  
Response: 184696  
Conc: 2.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



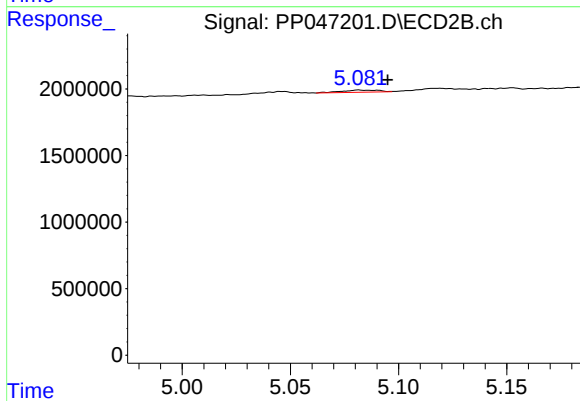
#25 AR-1248-5

R.T.: 5.153 min  
Delta R.T.: -0.002 min  
Response: 152616  
Conc: 1.25 ng/ml



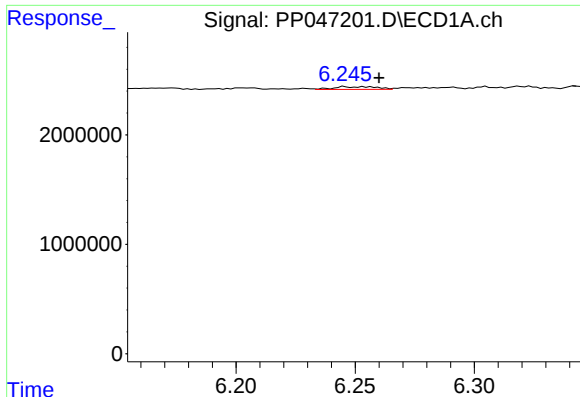
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 6.020 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

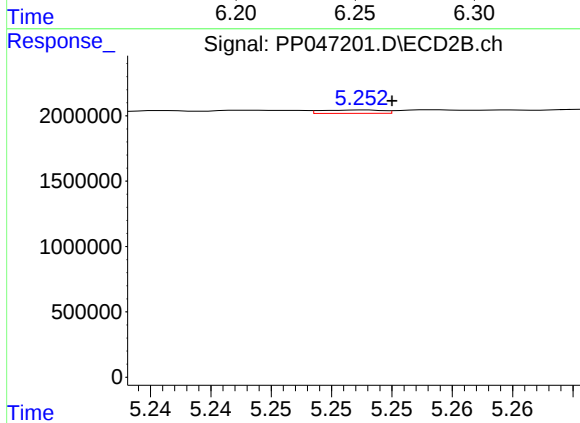
R.T.: 5.082 min  
Delta R.T.: -0.013 min  
Response: 188443  
Conc: 0.98 ng/ml



#27 AR-1254-2

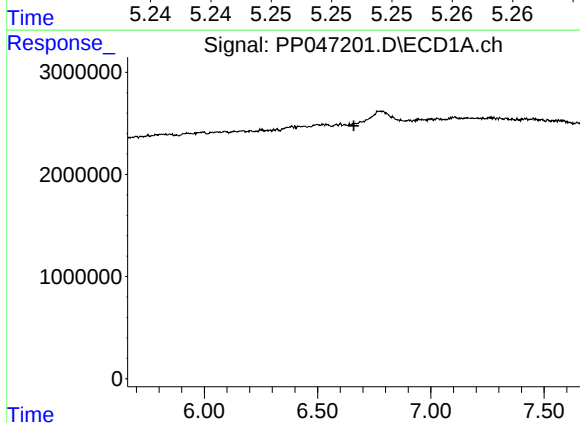
R.T.: 6.246 min  
Delta R.T.: -0.014 min  
Response: 305944  
Conc: 2.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



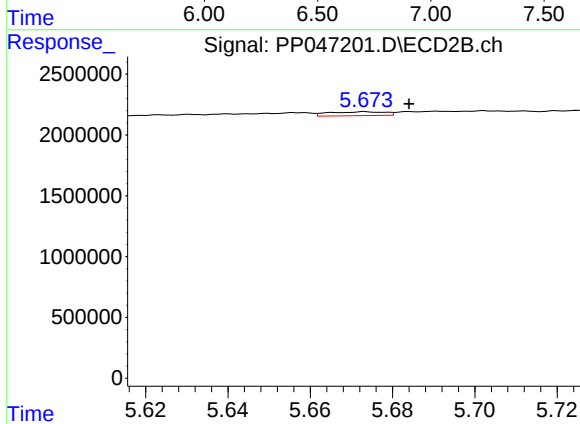
#27 AR-1254-2

R.T.: 5.252 min  
Delta R.T.: -0.003 min  
Response: 90467  
Conc: 0.54 ng/ml



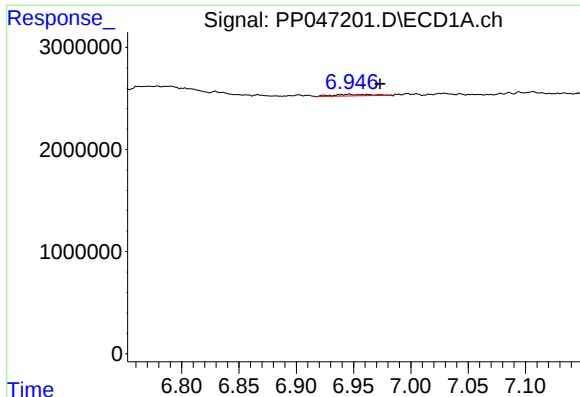
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.660 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

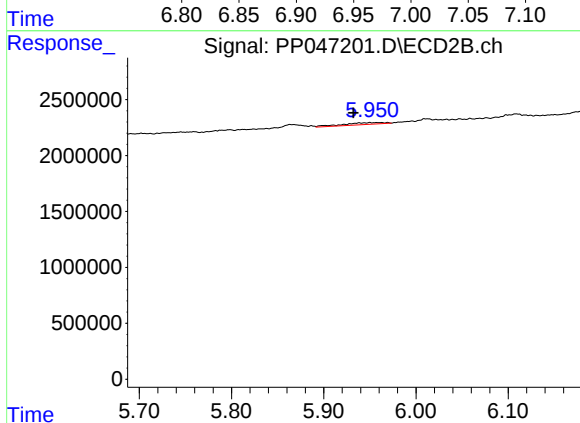
R.T.: 5.674 min  
Delta R.T.: -0.010 min  
Response: 300499  
Conc: 1.21 ng/ml



#29 AR-1254-4

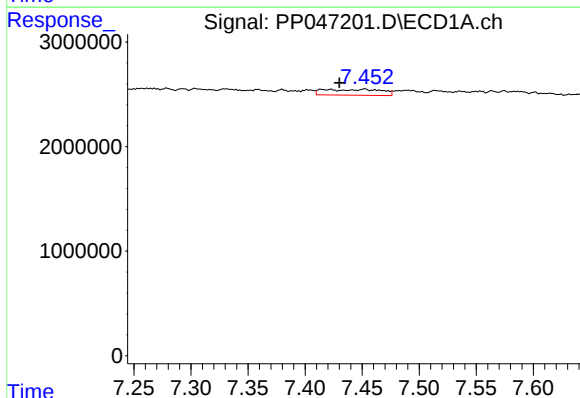
R.T.: 6.946 min  
Delta R.T.: -0.027 min  
Response: 325386  
Conc: 3.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



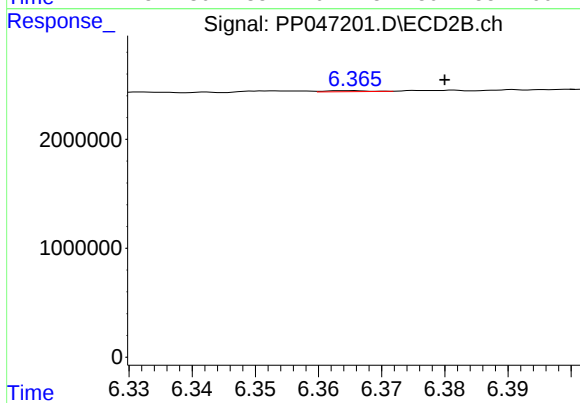
#29 AR-1254-4

R.T.: 5.950 min  
Delta R.T.: 0.018 min  
Response: 493379  
Conc: 2.88 ng/ml



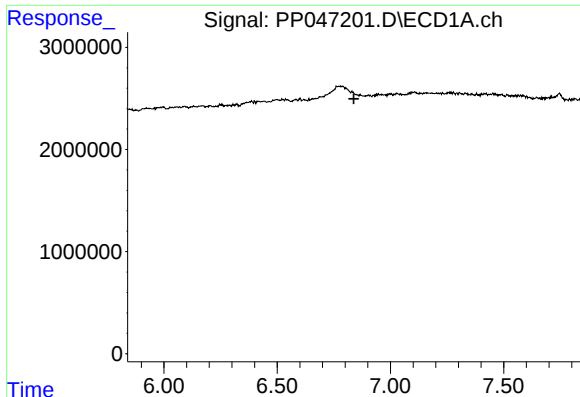
#30 AR-1254-5

R.T.: 7.452 min  
Delta R.T.: 0.022 min  
Response: 1942576  
Conc: 22.09 ng/ml



#30 AR-1254-5

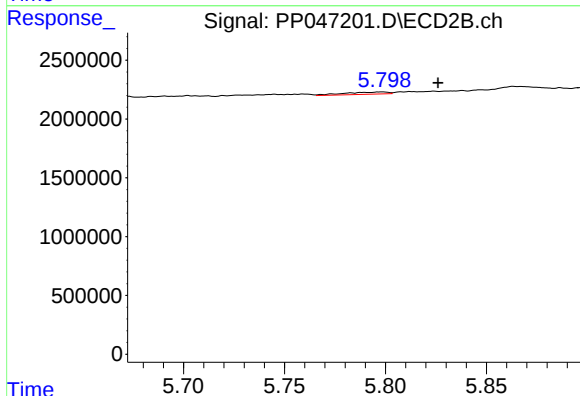
R.T.: 6.365 min  
Delta R.T.: -0.015 min  
Response: 42409  
Conc: 0.19 ng/ml



#31 AR-1260-1

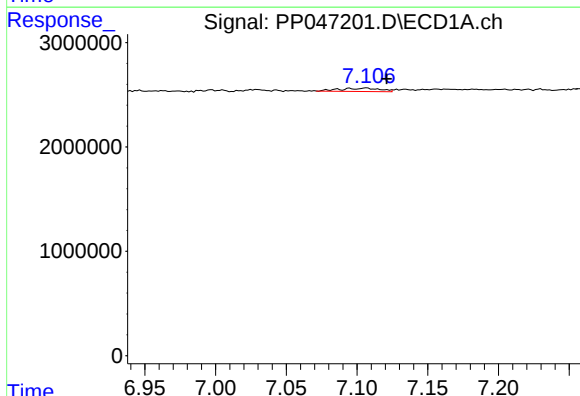
R.T.: 0.000 min  
Exp R.T.: 6.838 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



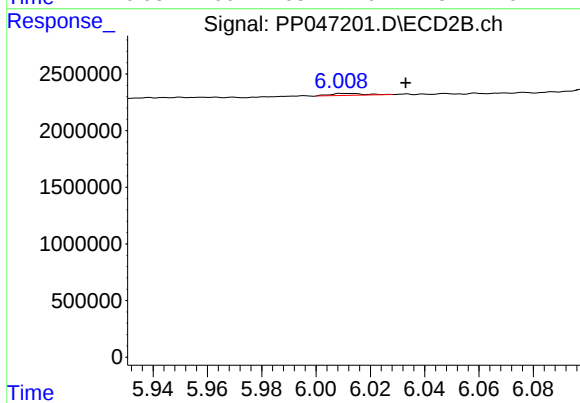
#31 AR-1260-1

R.T.: 5.798 min  
Delta R.T.: -0.028 min  
Response: 278646  
Conc: 1.75 ng/ml



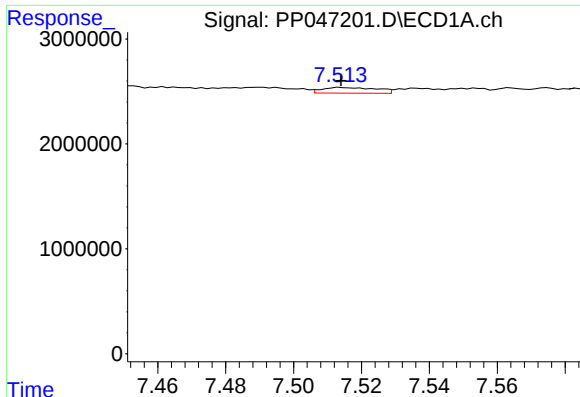
#32 AR-1260-2

R.T.: 7.106 min  
Delta R.T.: -0.015 min  
Response: 625212  
Conc: 6.21 ng/ml



#32 AR-1260-2

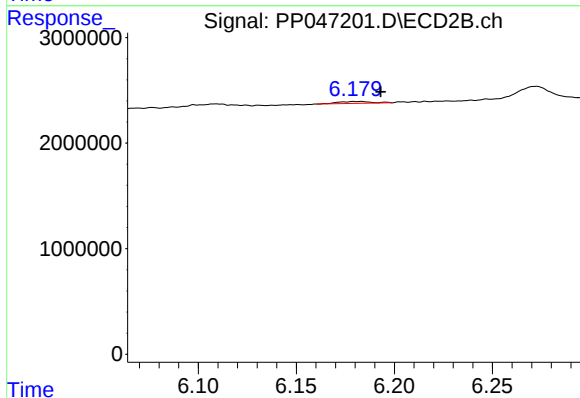
R.T.: 6.011 min  
Delta R.T.: -0.022 min  
Response: 147645  
Conc: 0.73 ng/ml



#33 AR-1260-3

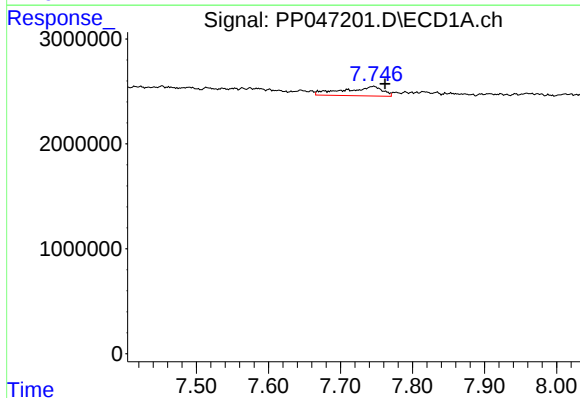
R.T.: 7.515 min  
Delta R.T.: 0.001 min  
Response: 604998  
Conc: 7.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



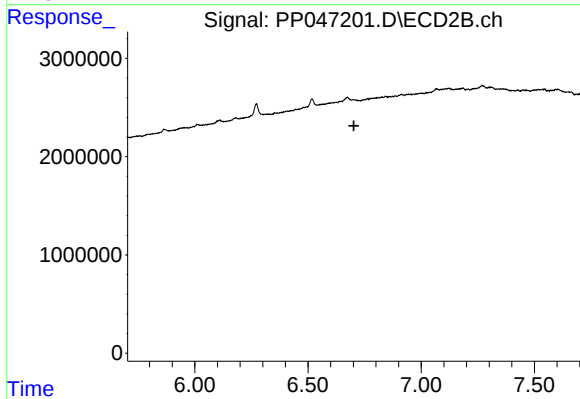
#33 AR-1260-3

R.T.: 6.183 min  
Delta R.T.: -0.010 min  
Response: 213563  
Conc: 1.25 ng/ml



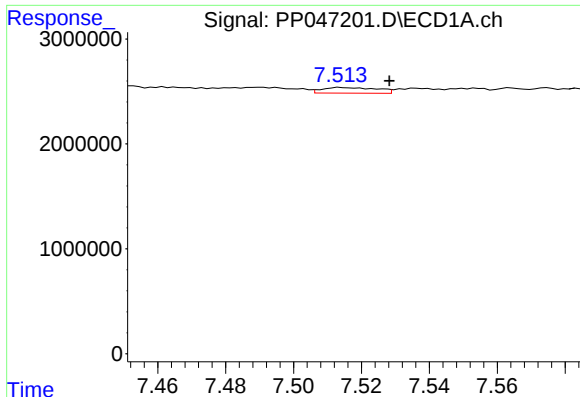
#34 AR-1260-4

R.T.: 7.746 min  
Delta R.T.: -0.016 min  
Response: 3318993  
Conc: 41.67 ng/ml



#34 AR-1260-4

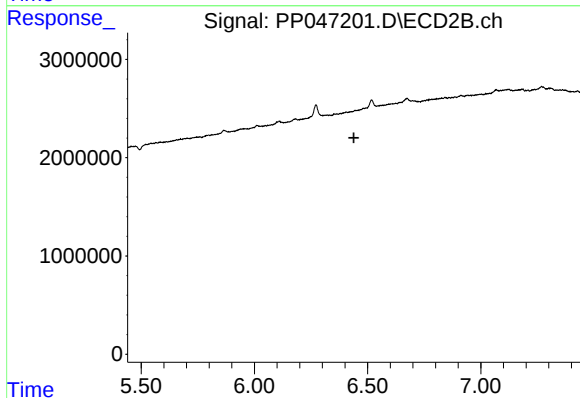
R.T.: 0.000 min  
Exp R.T.: 6.703 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

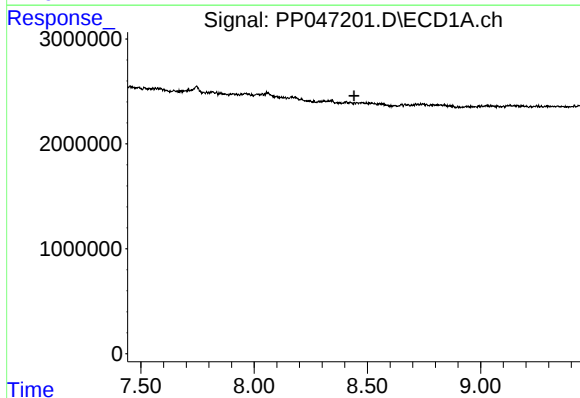
R.T.: 7.515 min  
Delta R.T.: -0.013 min  
Response: 604998  
Conc: 5.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



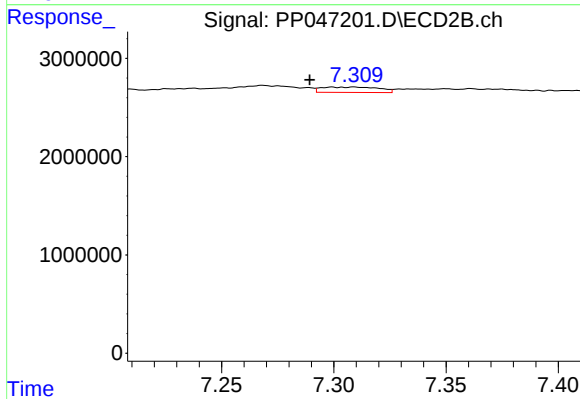
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 6.439 min  
Response: 0  
Conc: N.D.



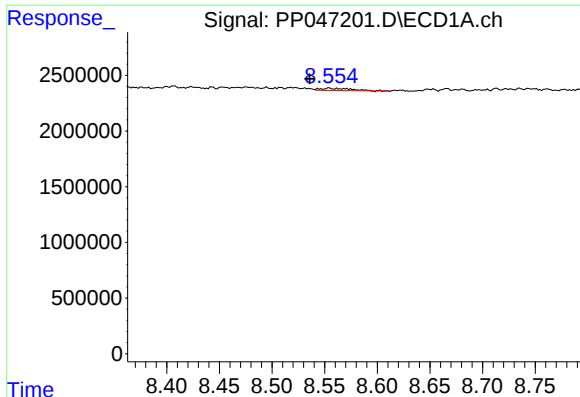
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.441 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

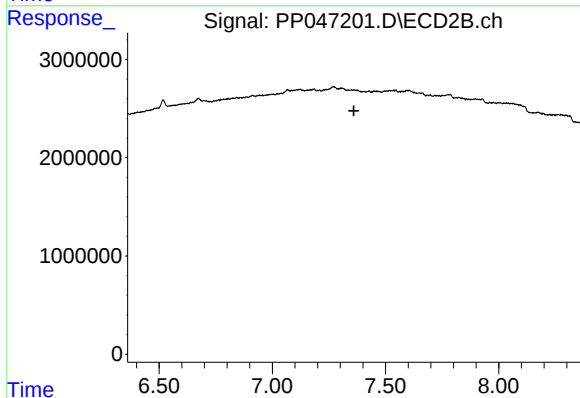
R.T.: 7.309 min  
Delta R.T.: 0.020 min  
Response: 966348  
Conc: 5.95 ng/ml



#39 AR-1262-4

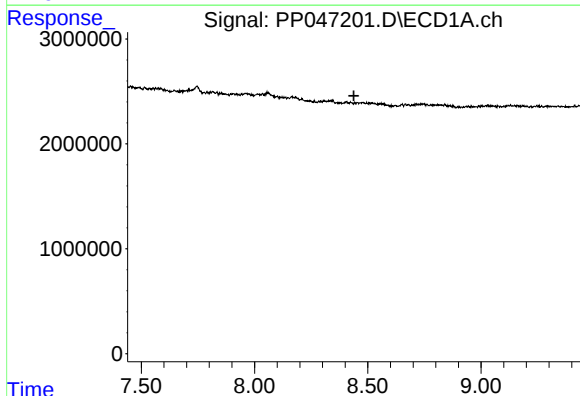
R.T.: 8.555 min  
Delta R.T.: 0.019 min  
Response: 399292  
Conc: 6.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



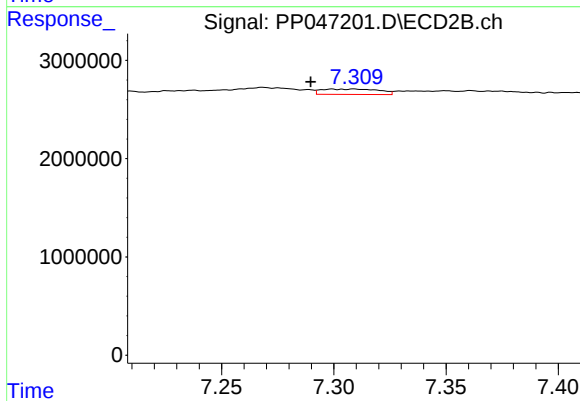
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.360 min  
Response: 0  
Conc: N.D.



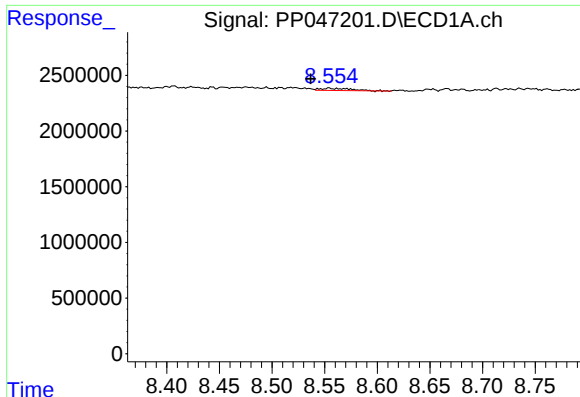
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.439 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

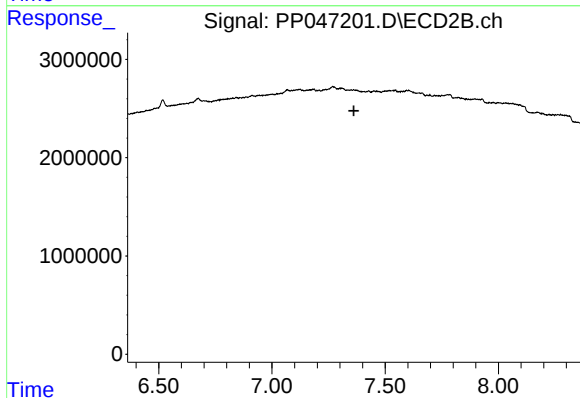
R.T.: 7.309 min  
Delta R.T.: 0.019 min  
Response: 966348  
Conc: 2.02 ng/ml



#42 AR-1268-2

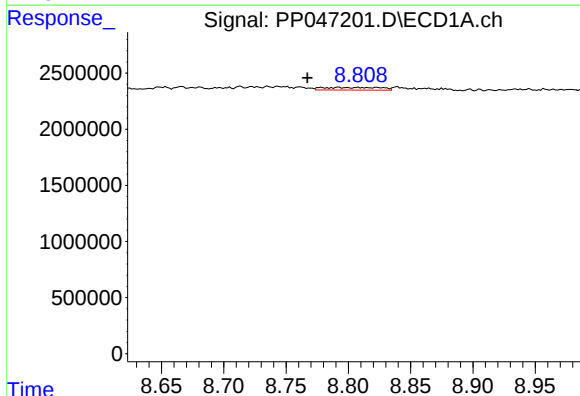
R.T.: 8.555 min  
Delta R.T.: 0.018 min  
Response: 399292  
Conc: 1.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



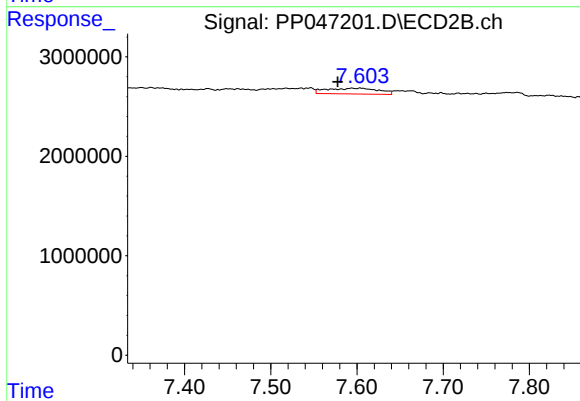
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.362 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

R.T.: 8.792 min  
Delta R.T.: 0.025 min  
Response: 771517  
Conc: 4.02 ng/ml



#43 AR-1268-3

R.T.: 7.604 min  
Delta R.T.: 0.026 min  
Response: 2408351  
Conc: 6.81 ng/ml