

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101722\  
 Data File : PP052380.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Oct 2022 17:11  
 Operator : YP\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 18 00:04:03 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP101122.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 12 05:20:17 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... | 4.424  | 3.674 | 32111640 | 24549562 | 20.429 | 21.429   |
| 2)                          | SA Decachlor... | 10.249 | 8.772 | 30080703 | 22895182 | 21.674 | 20.490   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.624f | 4.784 | 72134    | 383359   | 1.586  | 8.619 #  |
| 4)                          | L1 AR-1016-2    | 5.624  | 4.784 | 72134    | 383359   | 1.096  | 6.025 #  |
| 5)                          | L1 AR-1016-3    | 5.669  | 0.000 | 358670   | 0        | 8.619  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.024 | 0        | 216594   | N.D.   | 7.947 #  |
| 8)                          | L2 AR-1221-1    | 4.627  | 0.000 | 82586    | 0        | 3.997  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.730  | 3.980 | 504019   | 386682   | 32.935 | 32.243   |
| 10)                         | L2 AR-1221-3    | 4.795  | 0.000 | 267496   | 0        | 5.713  | N.D. #   |
| 11)                         | L3 AR-1232-1    | 4.795  | 0.000 | 267496   | 0        | 7.425  | N.D. #   |
| 12)                         | L3 AR-1232-2    | 5.331  | 4.784 | 22971    | 383359   | 1.132  | 12.798 # |
| 13)                         | L3 AR-1232-3    | 5.624  | 0.000 | 72134    | 0        | 2.395  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.877  | 0.000 | 175481   | 0        | 11.701 | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.624f | 4.784 | 72134    | 383359   | 2.074  | 11.010 # |
| 17)                         | L4 AR-1242-2    | 5.624  | 4.784 | 72134    | 383359   | 1.457  | 7.771 #  |
| 18)                         | L4 AR-1242-3    | 5.669  | 0.000 | 358670   | 0        | 11.312 | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.533  | 0.000 | 323850   | 0        | 8.711  | N.D. #   |
| 21)                         | L5 AR-1248-1    | 5.624f | 4.784 | 72134    | 383359   | 2.683  | 14.140 # |
| 22)                         | L5 AR-1248-2    | 5.877  | 5.024 | 175481   | 216594   | 3.775  | 5.822 #  |
| 24)                         | L5 AR-1248-4    | 6.493  | 0.000 | 599144   | 0        | 9.436  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.533  | 0.000 | 323850   | 0        | 5.229  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.457  | 0.000 | 257846   | 0        | 3.622  | N.D. #   |
| 27)                         | L6 AR-1254-2    | 6.682  | 0.000 | 408679   | 0        | 3.832  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.049  | 0.000 | 899298   | 0        | 8.557  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 7.212  | 0.000 | 152747   | 0        | 1.843  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.483f | 6.460 | 385601   | 803329   | 4.085  | 9.706 #  |
| 33)                         | L7 AR-1260-3    | 7.840  | 0.000 | 117204   | 0        | 1.951  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.383  | 0.000 | 237061   | 0        | 1.729  | N.D. #   |
| 36)                         | L8 AR-1262-1    | 7.840  | 0.000 | 117204   | 0        | 1.209  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.383  | 0.000 | 237061   | 0        | 1.472  | N.D. #   |
| 39)                         | L8 AR-1262-4    | 8.796  | 0.000 | 114353   | 0        | 2.237  | N.D. #   |
| 40)                         | L8 AR-1262-5    | 9.460  | 0.000 | 487697   | 0        | 7.747  | N.D. #   |
| 42)                         | L9 AR-1268-2    | 8.796  | 0.000 | 114353   | 0        | 0.623  | N.D. #   |
| 43)                         | L9 AR-1268-3    | 9.032  | 0.000 | 229787   | 0        | 1.410  | N.D. #   |
| 44)                         | L9 AR-1268-4    | 9.460  | 0.000 | 487697   | 0        | 6.684  | N.D. #   |
| 45)                         | L9 AR-1268-5    | 9.896  | 0.000 | 288960   | 0        | 0.554  | N.D. #   |
| -----                       |                 |        |       |          |          |        |          |

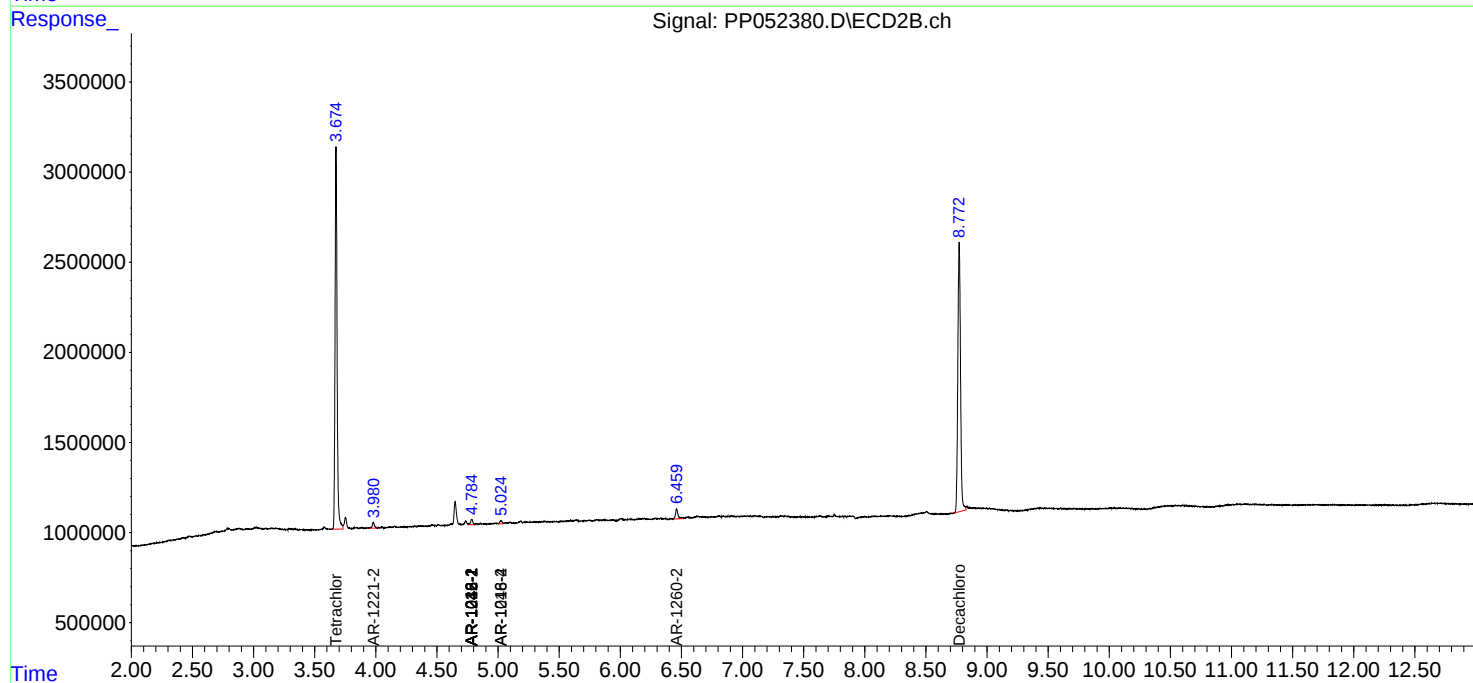
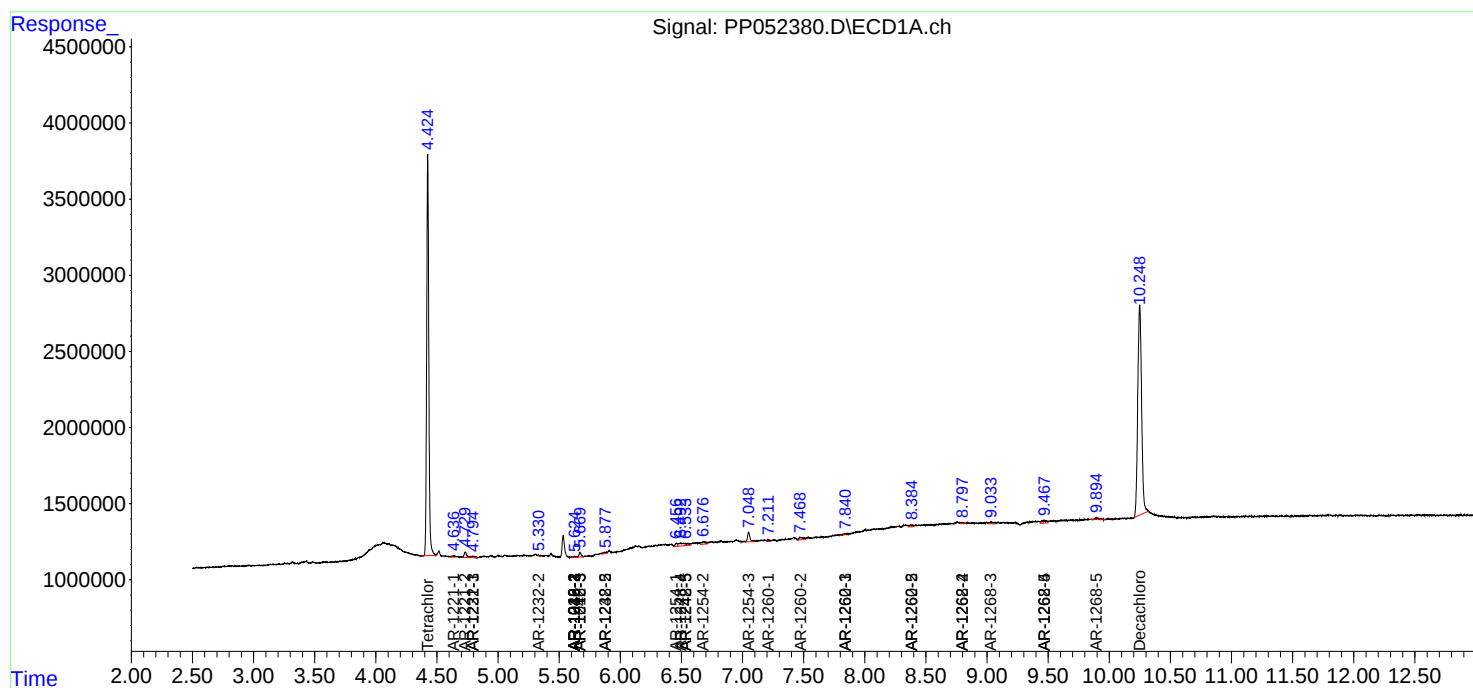
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

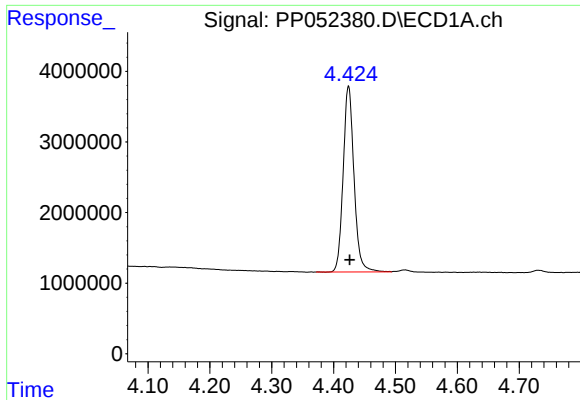
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101722\  
Data File : PP052380.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Oct 2022 17:11  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 18 00:04:03 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP101122.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Oct 12 05:20:17 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

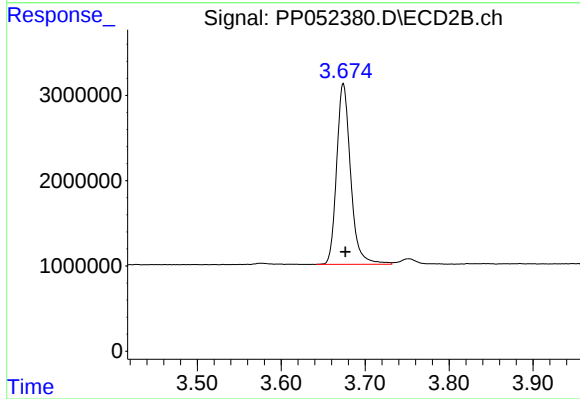




#1 Tetrachloro-m-xylene

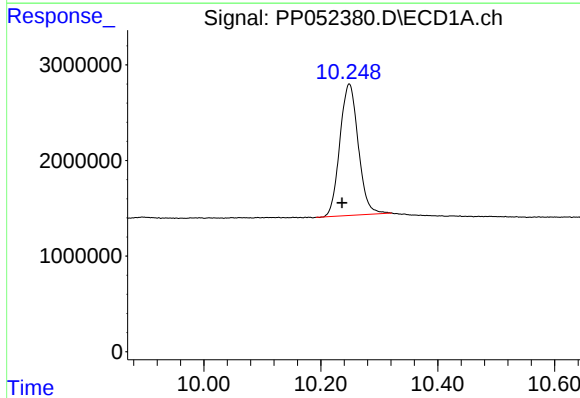
R.T.: 4.424 min  
Delta R.T.: -0.002 min  
Response: 32111640  
Conc: 20.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



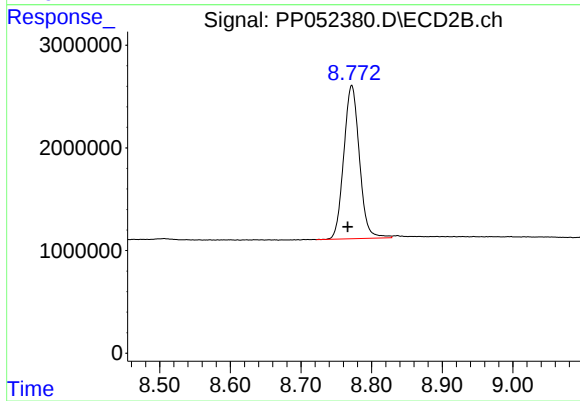
#1 Tetrachloro-m-xylene

R.T.: 3.674 min  
Delta R.T.: -0.002 min  
Response: 24549562  
Conc: 21.43 ng/ml



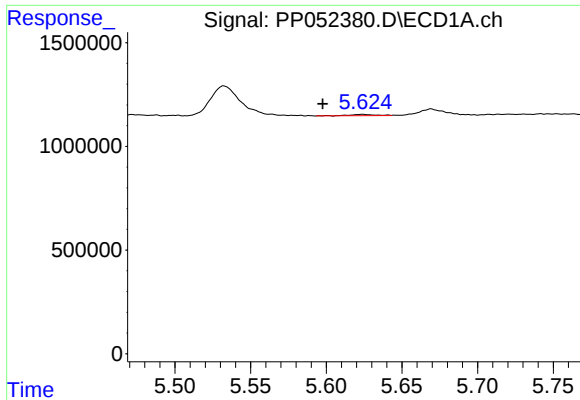
#2 Decachlorobiphenyl

R.T.: 10.249 min  
Delta R.T.: 0.012 min  
Response: 30080703  
Conc: 21.67 ng/ml



#2 Decachlorobiphenyl

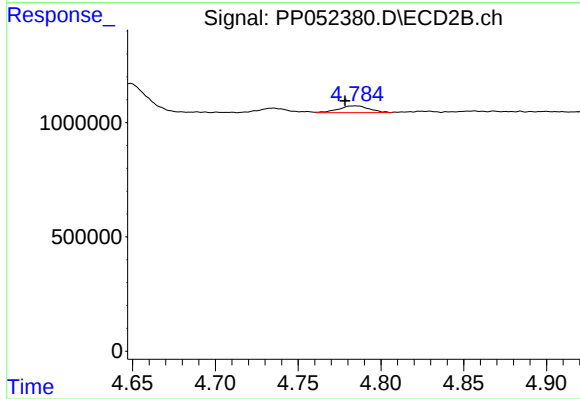
R.T.: 8.772 min  
Delta R.T.: 0.006 min  
Response: 22895182  
Conc: 20.49 ng/ml



#3 AR-1016-1

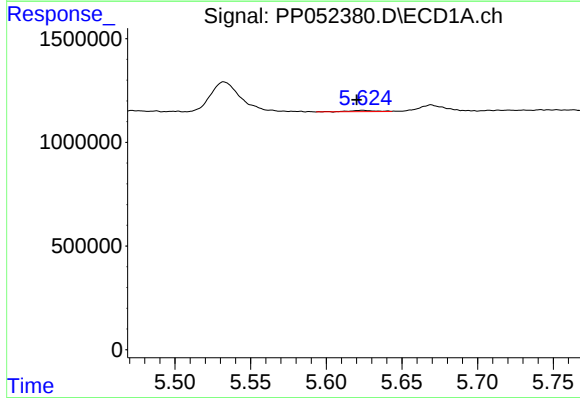
R.T.: 5.624 min  
Delta R.T.: 0.026 min  
Response: 72134  
Conc: 1.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



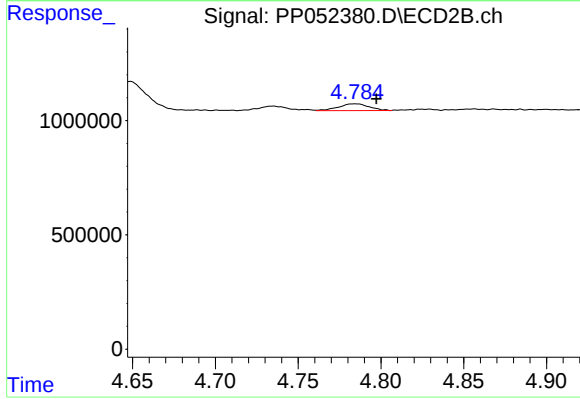
#3 AR-1016-1

R.T.: 4.784 min  
Delta R.T.: 0.006 min  
Response: 383359  
Conc: 8.62 ng/ml



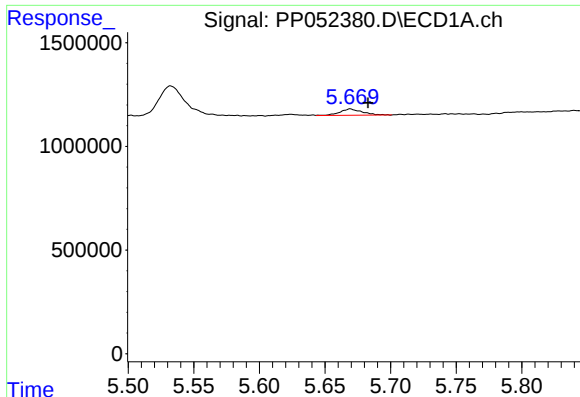
#4 AR-1016-2

R.T.: 5.624 min  
Delta R.T.: 0.004 min  
Response: 72134  
Conc: 1.10 ng/ml



#4 AR-1016-2

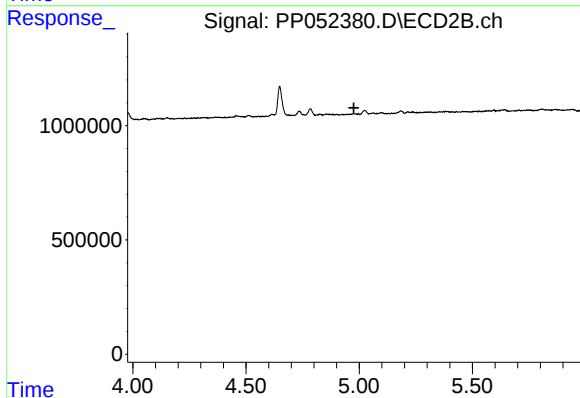
R.T.: 4.784 min  
Delta R.T.: -0.013 min  
Response: 383359  
Conc: 6.02 ng/ml



#5 AR-1016-3

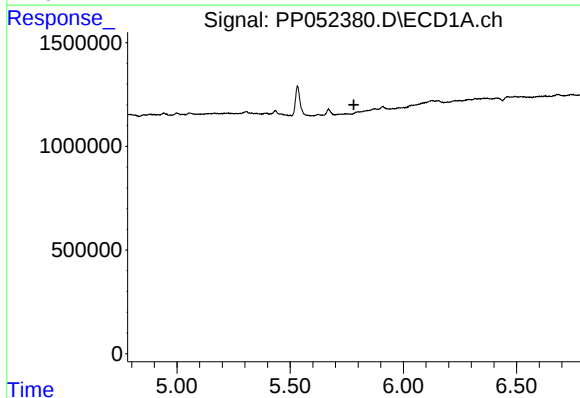
R.T.: 5.669 min  
Delta R.T.: -0.013 min  
Response: 358670  
Conc: 8.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



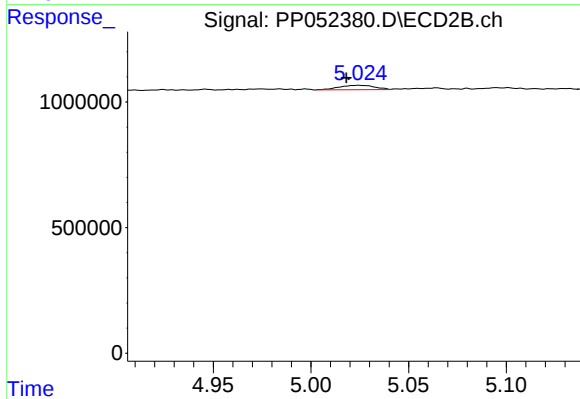
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.976 min  
Response: 0  
Conc: N.D.



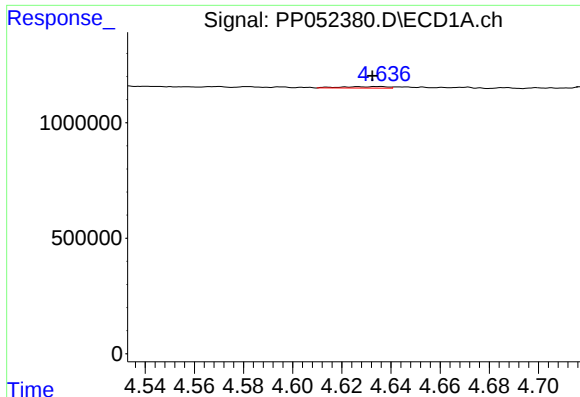
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.782 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

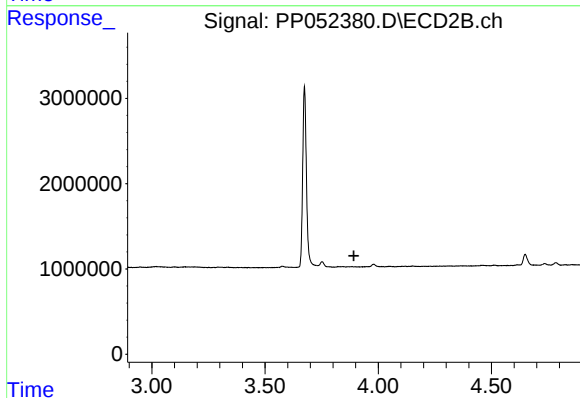
R.T.: 5.024 min  
Delta R.T.: 0.006 min  
Response: 216594  
Conc: 7.95 ng/ml



#8 AR-1221-1

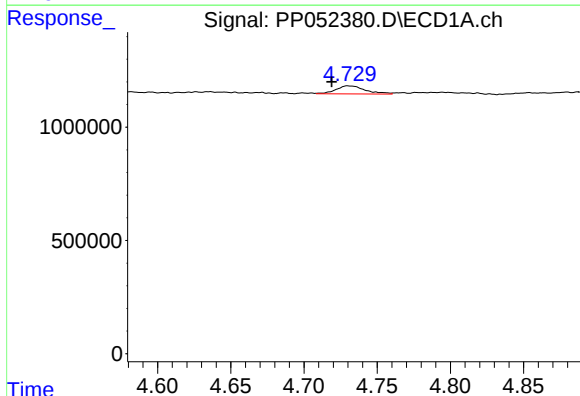
R.T.: 4.627 min  
Delta R.T.: -0.006 min  
Response: 82586  
Conc: 4.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



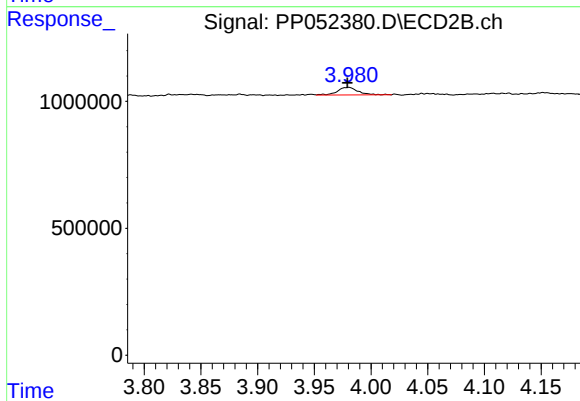
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 3.892 min  
Response: 0  
Conc: N.D.



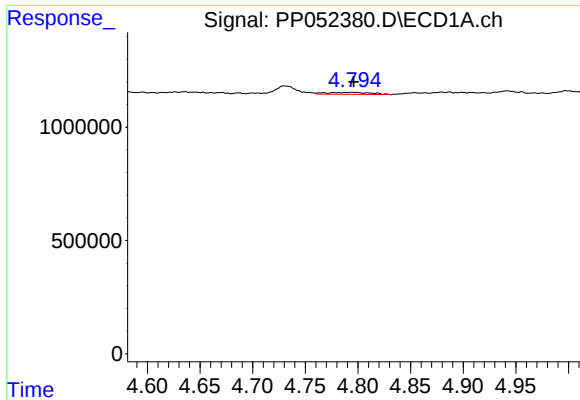
#9 AR-1221-2

R.T.: 4.730 min  
Delta R.T.: 0.011 min  
Response: 504019  
Conc: 32.94 ng/ml



#9 AR-1221-2

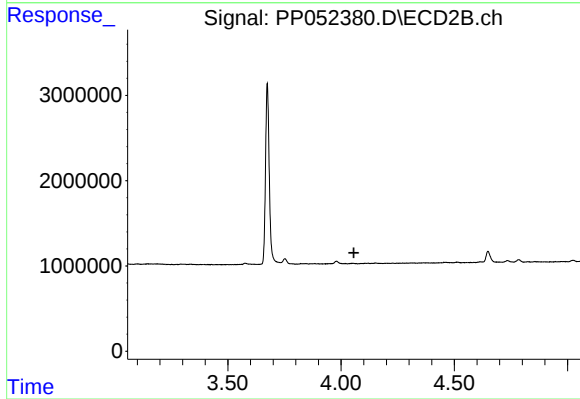
R.T.: 3.980 min  
Delta R.T.: 0.000 min  
Response: 386682  
Conc: 32.24 ng/ml



#10 AR-1221-3

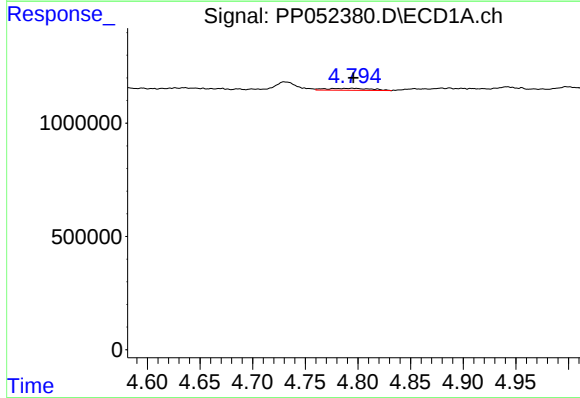
R.T.: 4.795 min  
Delta R.T.: -0.001 min  
Response: 267496  
Conc: 5.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



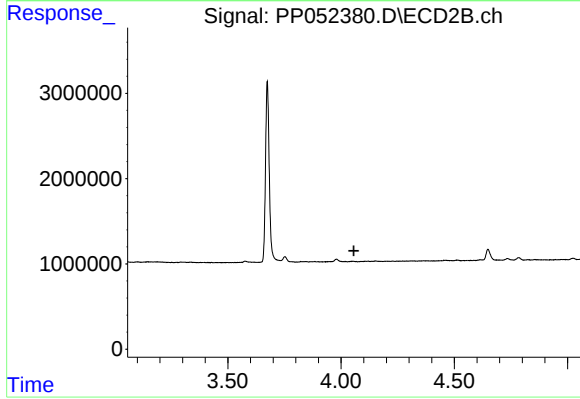
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.056 min  
Response: 0  
Conc: N.D.



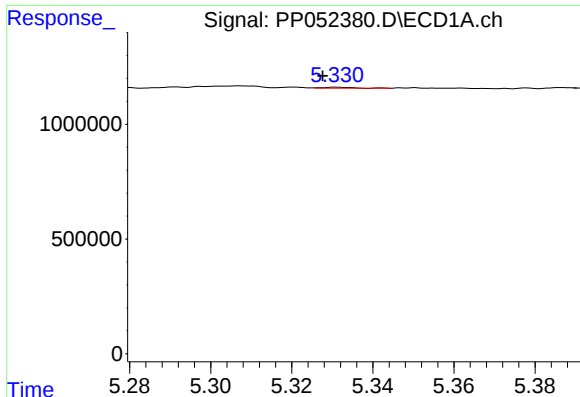
#11 AR-1232-1

R.T.: 4.795 min  
Delta R.T.: -0.001 min  
Response: 267496  
Conc: 7.42 ng/ml



#11 AR-1232-1

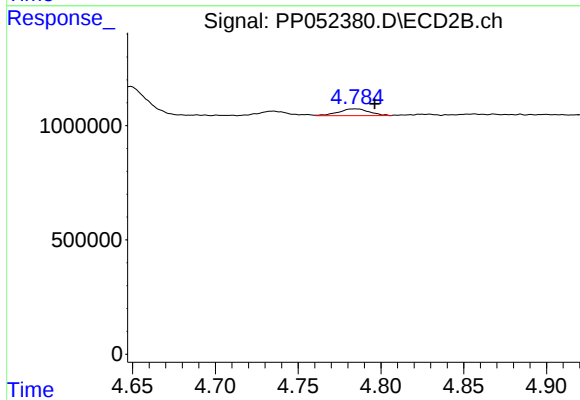
R.T.: 0.000 min  
Exp R.T. : 4.056 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

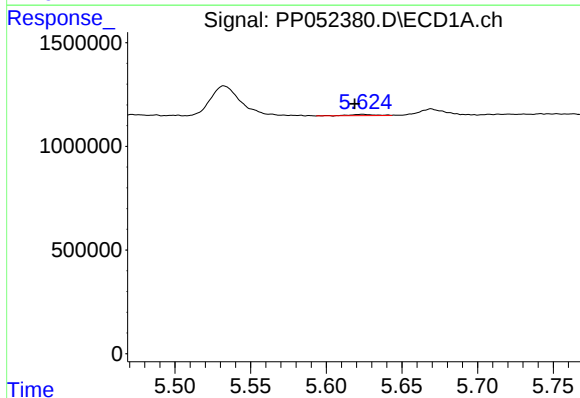
R.T.: 5.331 min  
Delta R.T.: 0.004 min  
Response: 22971  
Conc: 1.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



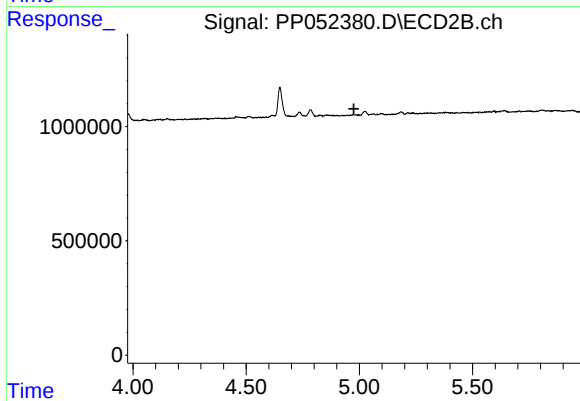
#12 AR-1232-2

R.T.: 4.784 min  
Delta R.T.: -0.012 min  
Response: 383359  
Conc: 12.80 ng/ml



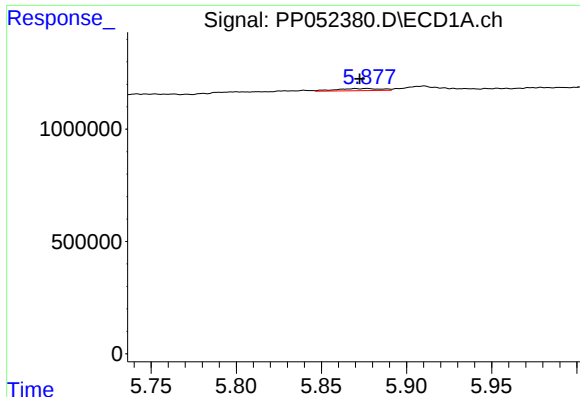
#13 AR-1232-3

R.T.: 5.624 min  
Delta R.T.: 0.005 min  
Response: 72134  
Conc: 2.40 ng/ml



#13 AR-1232-3

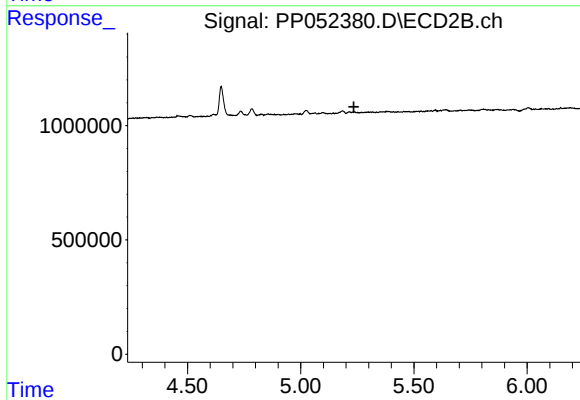
R.T.: 0.000 min  
Exp R.T.: 4.975 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

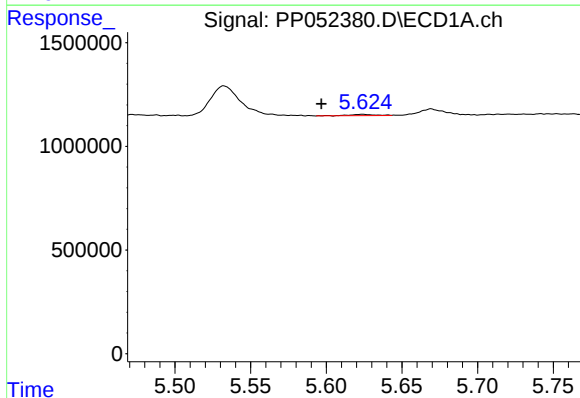
R.T.: 5.877 min  
Delta R.T.: 0.004 min  
Response: 175481  
Conc: 11.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



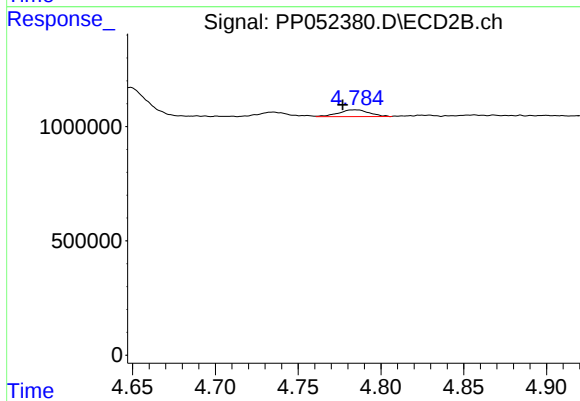
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.235 min  
Response: 0  
Conc: N.D.



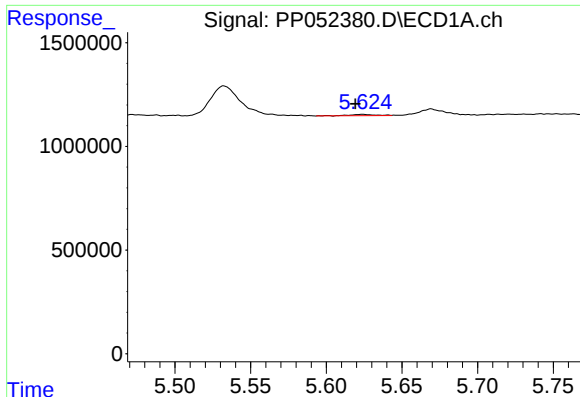
#16 AR-1242-1

R.T.: 5.624 min  
Delta R.T.: 0.027 min  
Response: 72134  
Conc: 2.07 ng/ml



#16 AR-1242-1

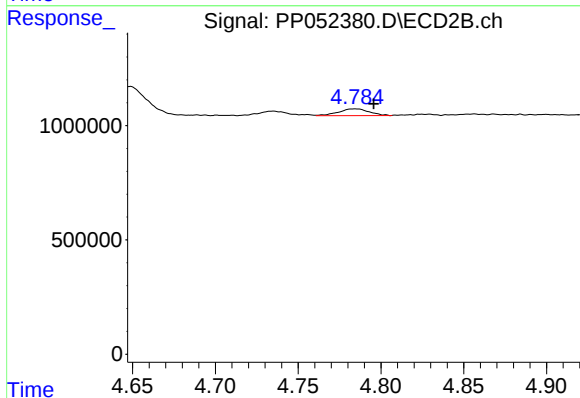
R.T.: 4.784 min  
Delta R.T.: 0.007 min  
Response: 383359  
Conc: 11.01 ng/ml



#17 AR-1242-2

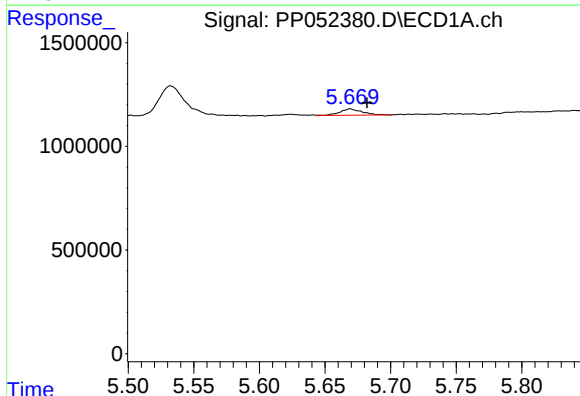
R.T.: 5.624 min  
Delta R.T.: 0.005 min  
Response: 72134  
Conc: 1.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



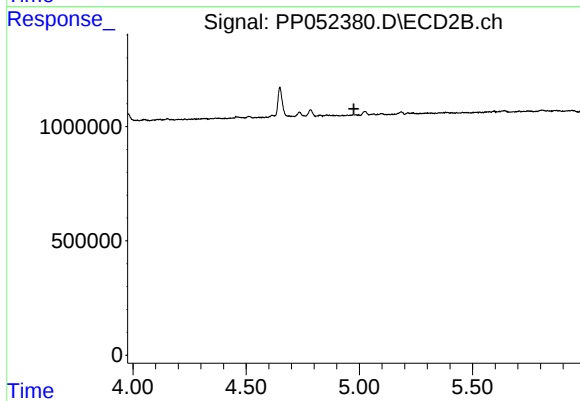
#17 AR-1242-2

R.T.: 4.784 min  
Delta R.T.: -0.011 min  
Response: 383359  
Conc: 7.77 ng/ml



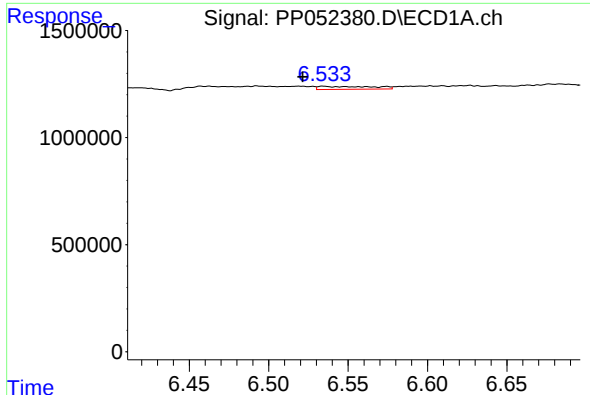
#18 AR-1242-3

R.T.: 5.669 min  
Delta R.T.: -0.013 min  
Response: 358670  
Conc: 11.31 ng/ml



#18 AR-1242-3

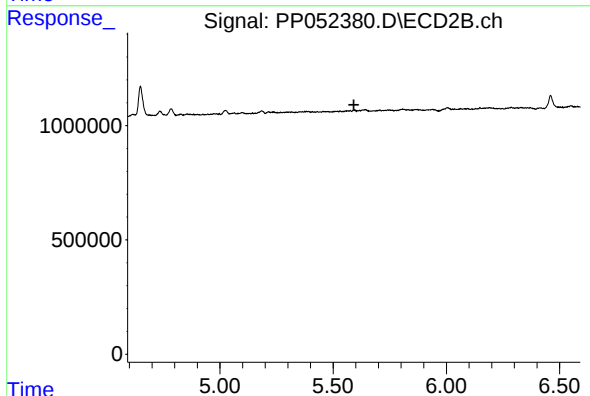
R.T.: 0.000 min  
Exp R.T. : 4.975 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

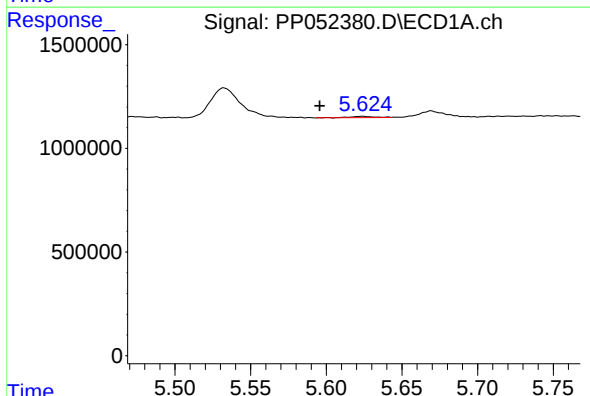
R.T.: 6.533 min  
Delta R.T.: 0.012 min  
Response: 323850  
Conc: 8.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



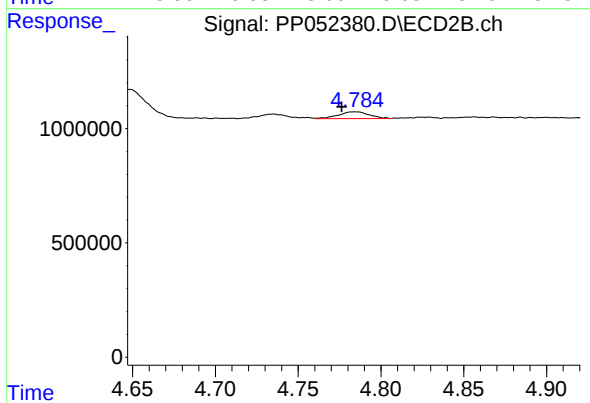
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 5.591 min  
Response: 0  
Conc: N.D.



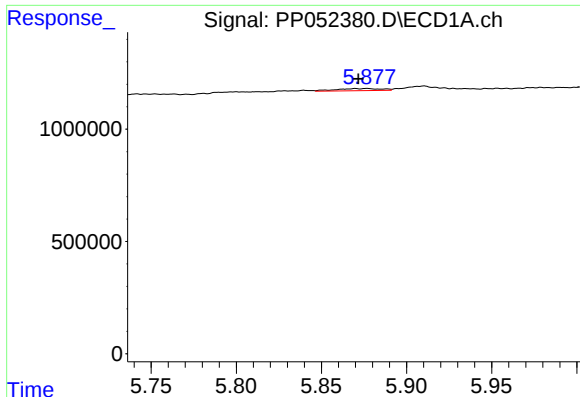
#21 AR-1248-1

R.T.: 5.624 min  
Delta R.T.: 0.028 min  
Response: 72134  
Conc: 2.68 ng/ml



#21 AR-1248-1

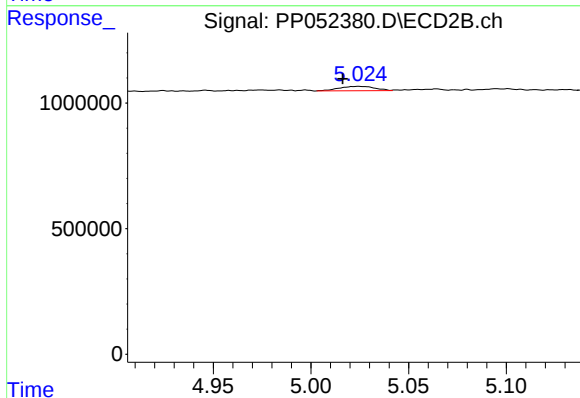
R.T.: 4.784 min  
Delta R.T.: 0.008 min  
Response: 383359  
Conc: 14.14 ng/ml



#22 AR-1248-2

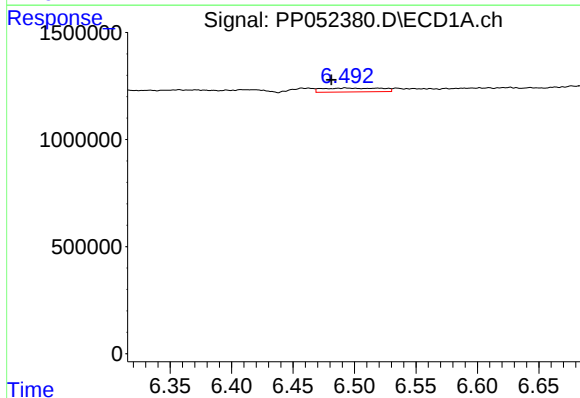
R.T.: 5.877 min  
Delta R.T.: 0.005 min  
Response: 175481  
Conc: 3.78 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



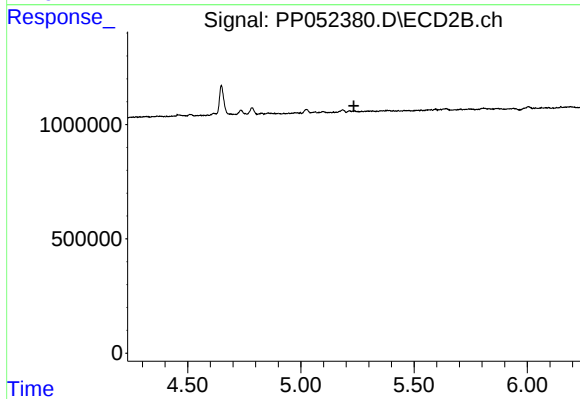
#22 AR-1248-2

R.T.: 5.024 min  
Delta R.T.: 0.008 min  
Response: 216594  
Conc: 5.82 ng/ml



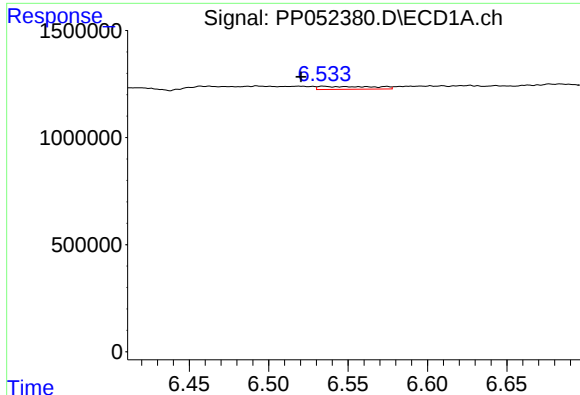
#24 AR-1248-4

R.T.: 6.493 min  
Delta R.T.: 0.012 min  
Response: 599144  
Conc: 9.44 ng/ml



#24 AR-1248-4

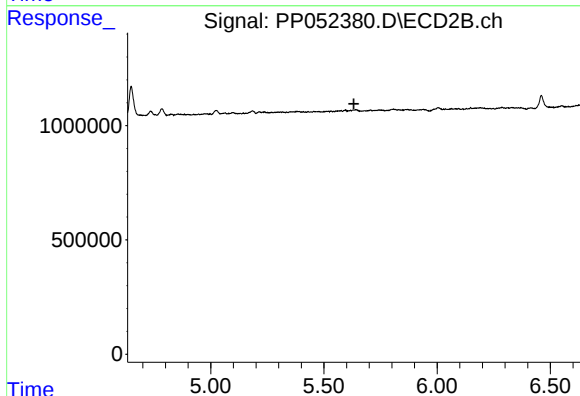
R.T.: 0.000 min  
Exp R.T.: 5.234 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

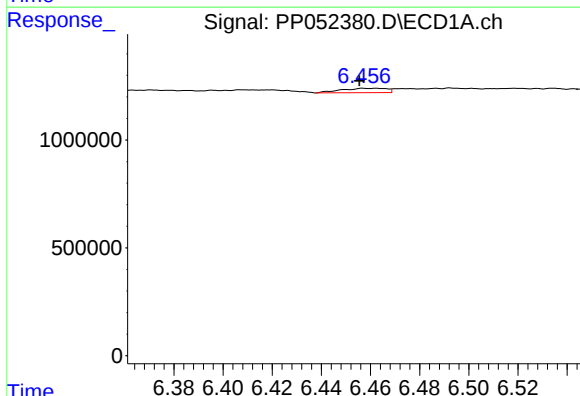
R.T.: 6.533 min  
Delta R.T.: 0.013 min  
Response: 323850  
Conc: 5.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



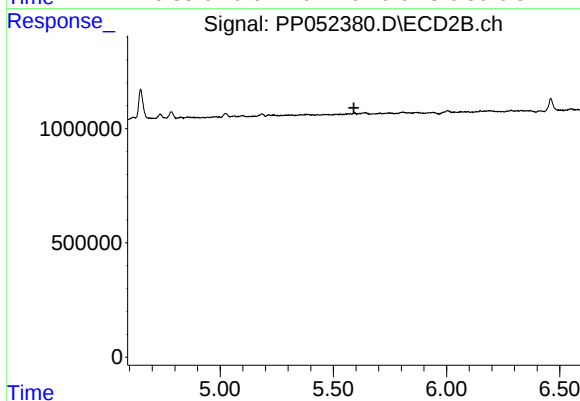
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 5.632 min  
Response: 0  
Conc: N.D.



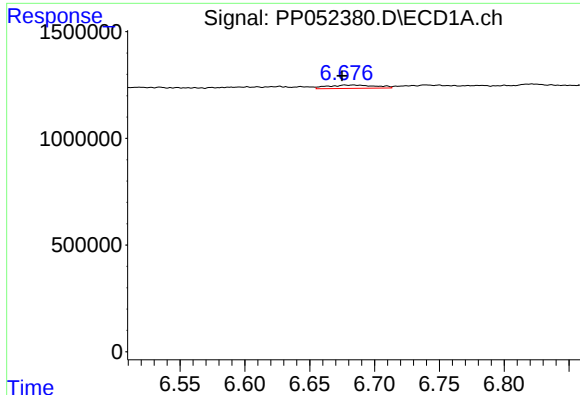
#26 AR-1254-1

R.T.: 6.457 min  
Delta R.T.: 0.002 min  
Response: 257846  
Conc: 3.62 ng/ml



#26 AR-1254-1

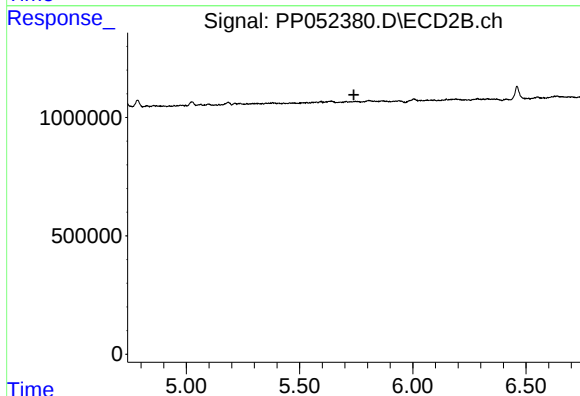
R.T.: 0.000 min  
Exp R.T. : 5.591 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

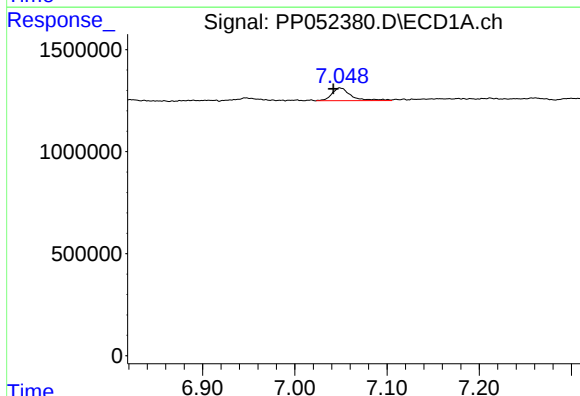
R.T.: 6.682 min  
Delta R.T.: 0.007 min  
Response: 408679  
Conc: 3.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



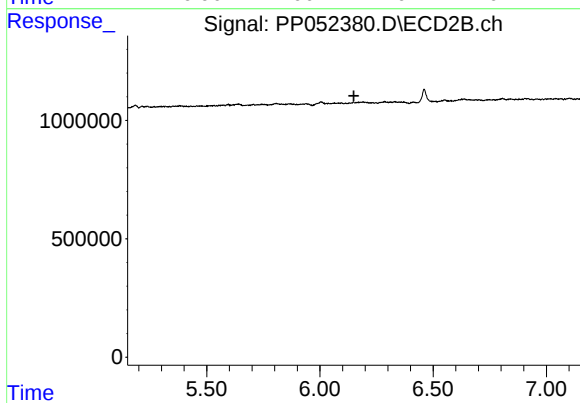
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.740 min  
Response: 0  
Conc: N.D.



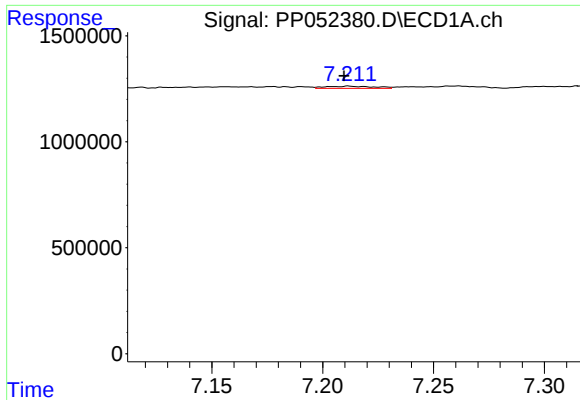
#28 AR-1254-3

R.T.: 7.049 min  
Delta R.T.: 0.007 min  
Response: 899298  
Conc: 8.56 ng/ml



#28 AR-1254-3

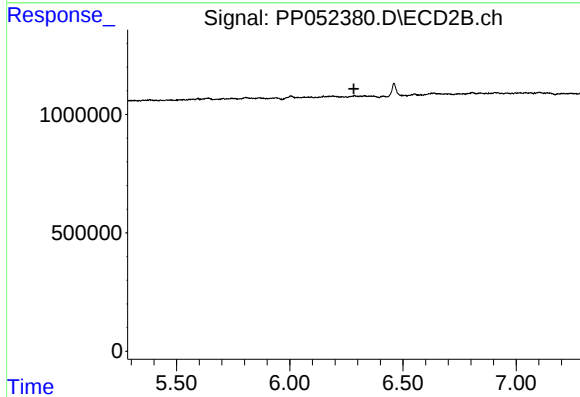
R.T.: 0.000 min  
Exp R.T. : 6.150 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

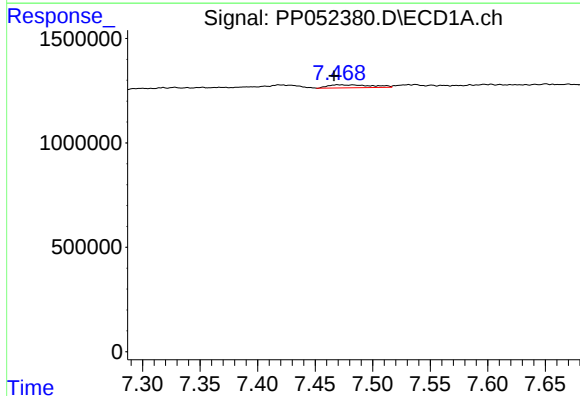
R.T.: 7.212 min  
Delta R.T.: 0.002 min  
Response: 152747  
Conc: 1.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



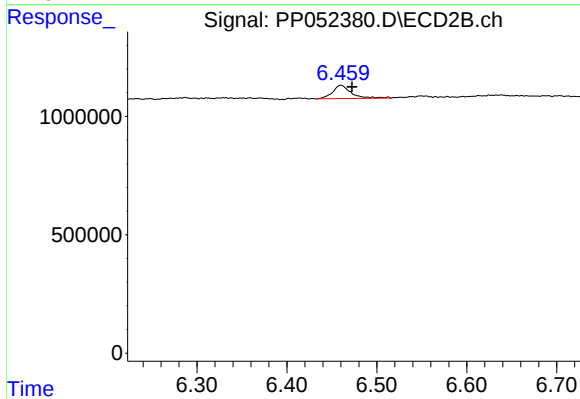
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.283 min  
Response: 0  
Conc: N.D.



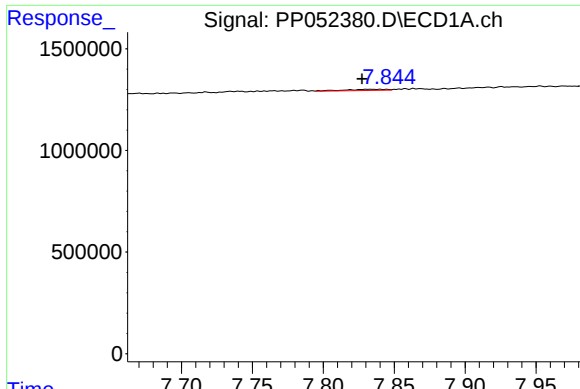
#32 AR-1260-2

R.T.: 7.483 min  
Delta R.T.: 0.016 min  
Response: 385601  
Conc: 4.09 ng/ml



#32 AR-1260-2

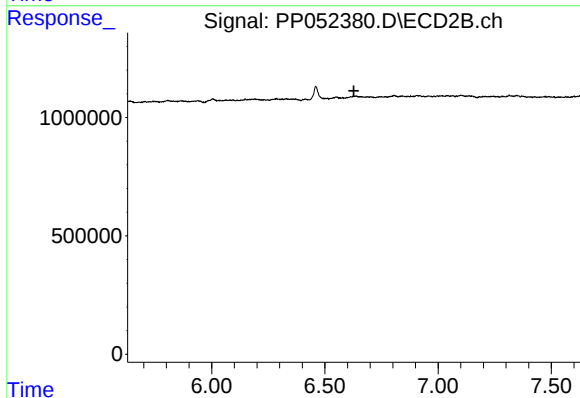
R.T.: 6.460 min  
Delta R.T.: -0.012 min  
Response: 803329  
Conc: 9.71 ng/ml



#33 AR-1260-3

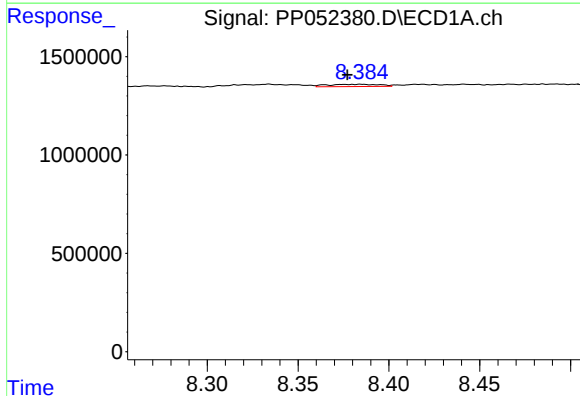
R.T.: 7.840 min  
Delta R.T.: 0.012 min  
Response: 117204  
Conc: 1.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



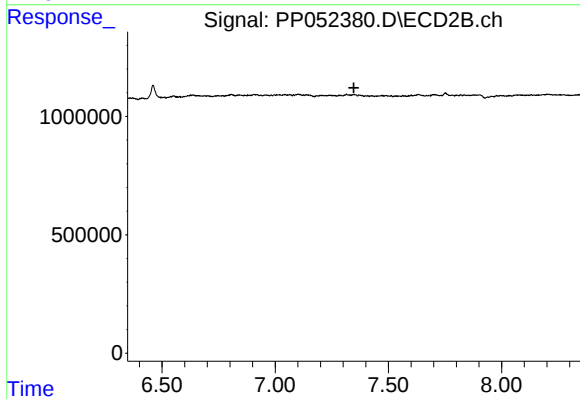
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.629 min  
Response: 0  
Conc: N.D.



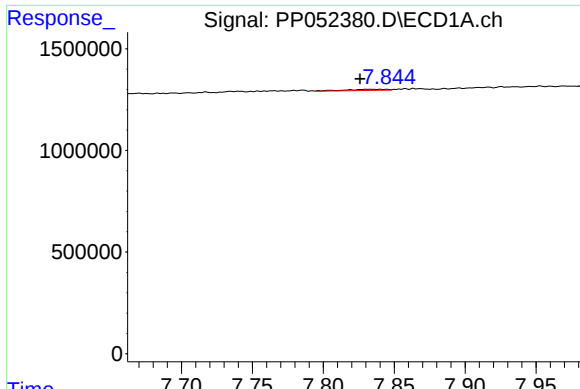
#35 AR-1260-5

R.T.: 8.383 min  
Delta R.T.: 0.006 min  
Response: 237061  
Conc: 1.73 ng/ml



#35 AR-1260-5

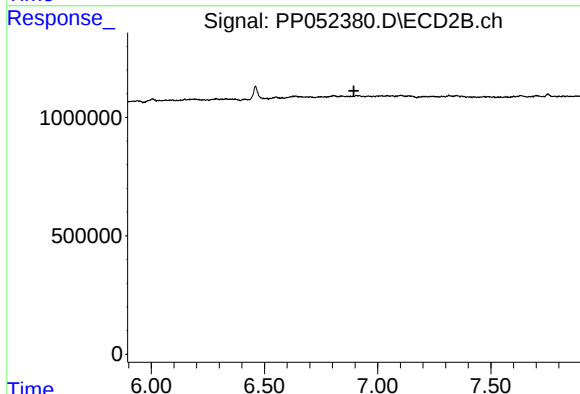
R.T.: 0.000 min  
Exp R.T. : 7.348 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

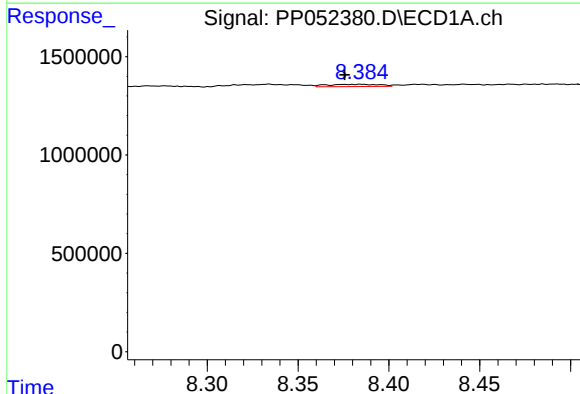
R.T.: 7.840 min  
Delta R.T.: 0.014 min  
Response: 117204  
Conc: 1.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



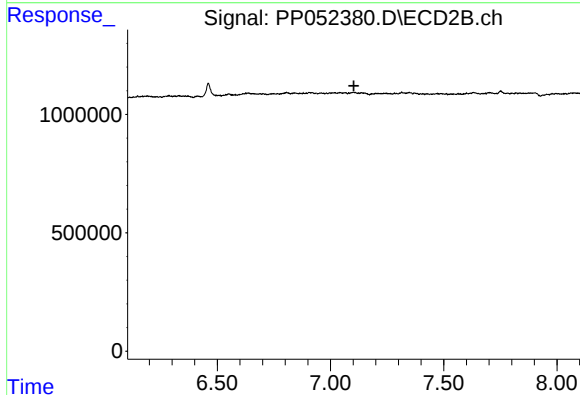
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 6.895 min  
Response: 0  
Conc: N.D.



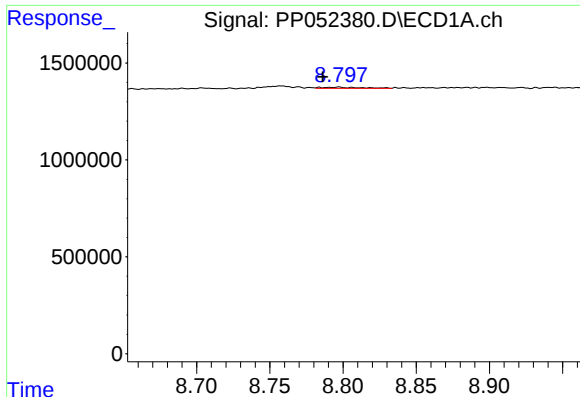
#37 AR-1262-2

R.T.: 8.383 min  
Delta R.T.: 0.008 min  
Response: 237061  
Conc: 1.47 ng/ml



#37 AR-1262-2

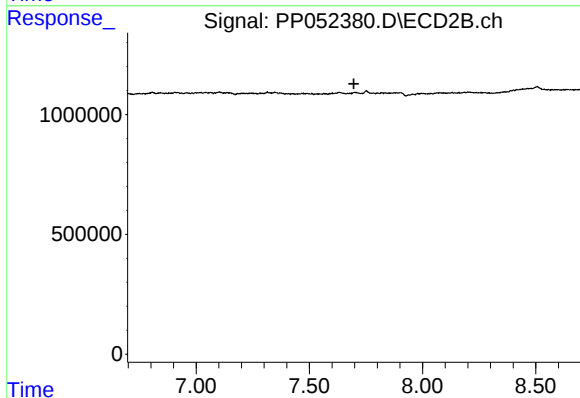
R.T.: 0.000 min  
Exp R.T. : 7.103 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

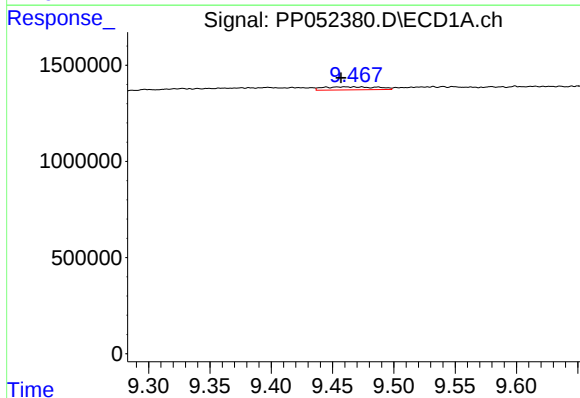
R.T.: 8.796 min  
Delta R.T.: 0.010 min  
Response: 114353  
Conc: 2.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



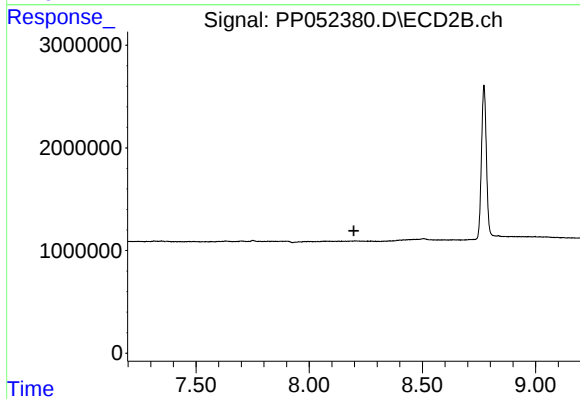
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.696 min  
Response: 0  
Conc: N.D.



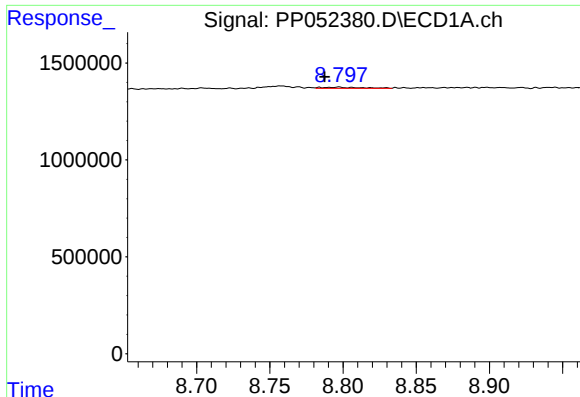
#40 AR-1262-5

R.T.: 9.460 min  
Delta R.T.: 0.003 min  
Response: 487697  
Conc: 7.75 ng/ml



#40 AR-1262-5

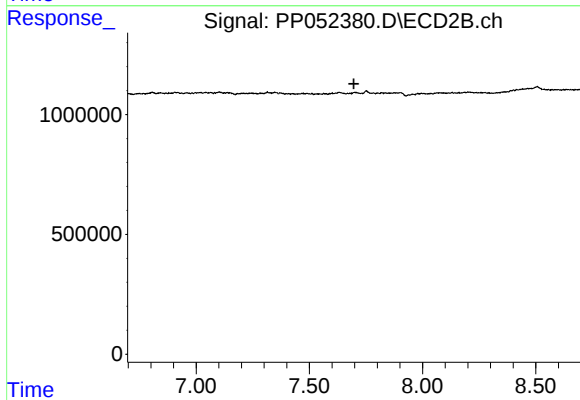
R.T.: 0.000 min  
Exp R.T. : 8.197 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

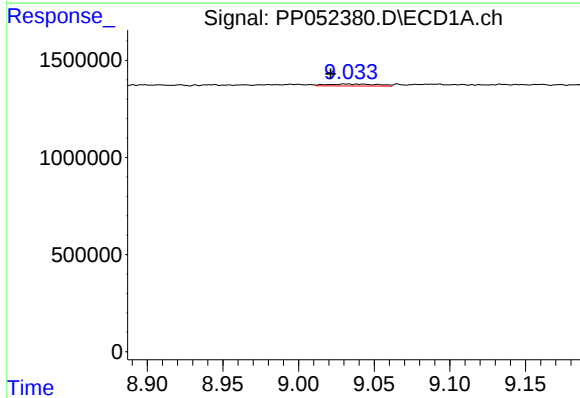
R.T.: 8.796 min  
Delta R.T.: 0.009 min  
Response: 114353  
Conc: 0.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



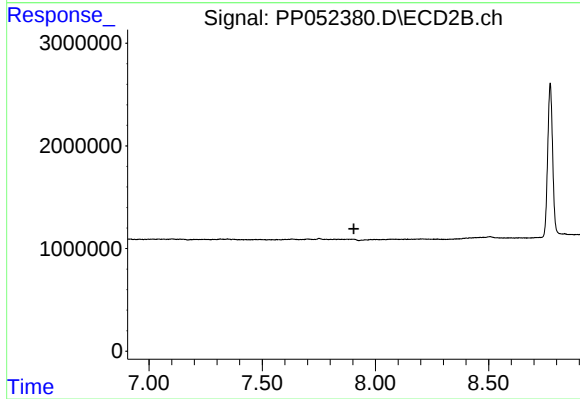
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.696 min  
Response: 0  
Conc: N.D.



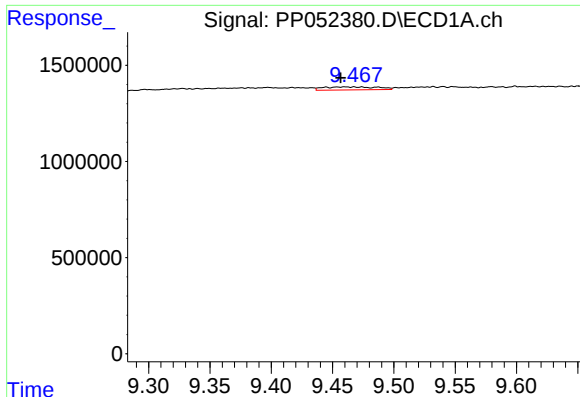
#43 AR-1268-3

R.T.: 9.032 min  
Delta R.T.: 0.011 min  
Response: 229787  
Conc: 1.41 ng/ml



#43 AR-1268-3

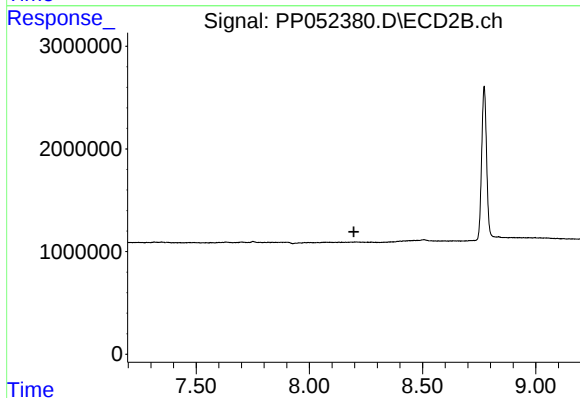
R.T.: 0.000 min  
Exp R.T. : 7.905 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

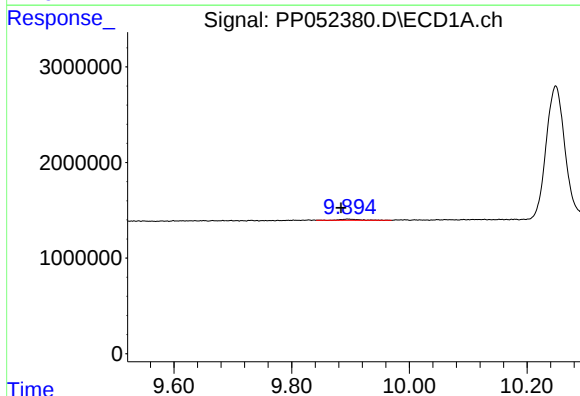
R.T.: 9.460 min  
Delta R.T.: 0.003 min  
Response: 487697  
Conc: 6.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



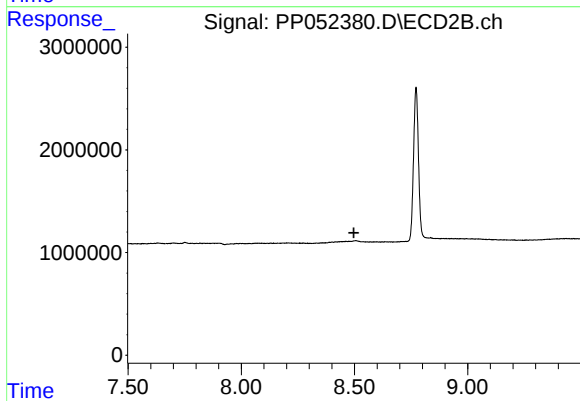
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 8.197 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.896 min  
Delta R.T.: 0.012 min  
Response: 288960  
Conc: 0.55 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.498 min  
Response: 0  
Conc: N.D.