

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP110222\  
 Data File : PP052995.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Nov 2022 17:37  
 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: Nov 02 22:19:46 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102622.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Oct 27 04:46:37 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... | 4.408  | 3.652  | 42385638 | 38655640 | 19.182 | 20.570   |
| 2)                          | SA Decachlor... | 10.212 | 8.735  | 30483145 | 34993192 | 24.016 | 20.865   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.604f | 4.758  | 327188   | 584031   | 4.880  | 8.873 #  |
| 4)                          | L1 AR-1016-2    | 5.604  | 4.758f | 327188   | 584031   | 3.276  | 6.362 #  |
| 5)                          | L1 AR-1016-3    | 5.653f | 0.000  | 636704   | 0        | 10.462 | N.D. #   |
| 6)                          | L1 AR-1016-4    | 5.767  | 4.999  | 83569    | 437666   | 1.726  | 11.234 # |
| 8)                          | L2 AR-1221-1    | 4.621  | 0.000  | 257472   | 0        | 10.041 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.715  | 3.956  | 712188   | 565626   | 37.439 | 32.311   |
| 10)                         | L2 AR-1221-3    | 4.771  | 0.000  | 285855   | 0        | 5.015  | N.D. #   |
| 11)                         | L3 AR-1232-1    | 4.771  | 0.000  | 285855   | 0        | 6.588  | N.D. #   |
| 12)                         | L3 AR-1232-2    | 5.329  | 4.758f | 16869    | 584031   | 0.680  | 14.088 # |
| 13)                         | L3 AR-1232-3    | 5.604  | 0.000  | 327188   | 0        | 7.474  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 5.767  | 5.037  | 83569    | 113730   | 3.915  | 5.534 #  |
| 15)                         | L3 AR-1232-5    | 5.854  | 0.000  | 70287    | 0        | 4.083  | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.604f | 4.758  | 327188   | 584031   | 5.813  | 10.465 # |
| 17)                         | L4 AR-1242-2    | 5.604  | 4.758f | 327188   | 584031   | 3.961  | 7.572 #  |
| 18)                         | L4 AR-1242-3    | 5.653f | 0.000  | 636704   | 0        | 12.519 | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.767  | 5.037  | 83569    | 113730   | 2.063  | 2.681 #  |
| 20)                         | L4 AR-1242-5    | 6.518  | 5.592f | 247092   | 14852    | 6.198  | 0.294 #  |
| 21)                         | L5 AR-1248-1    | 5.604f | 4.758  | 327188   | 584031   | 8.055  | 14.592 # |
| 22)                         | L5 AR-1248-2    | 5.854  | 4.999  | 70287    | 437666   | 1.181  | 7.730 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.037  | 0        | 113730   | N.D.   | 1.937 #  |
| 24)                         | L5 AR-1248-4    | 6.469  | 0.000  | 288761   | 0        | 4.484  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.518  | 5.592f | 247092   | 14852    | 3.901  | 0.234 #  |
| 26)                         | L6 AR-1254-1    | 6.442  | 5.592f | 456928   | 14852    | 6.020  | 0.138 #  |
| 28)                         | L6 AR-1254-3    | 7.031  | 0.000  | 1136521  | 0        | 10.210 | N.D. #   |
| 29)                         | L6 AR-1254-4    | 7.322  | 6.381f | 570750   | 14862    | 8.105  | 0.164 #  |
| 30)                         | L6 AR-1254-5    | 7.757  | 6.777  | 1328075  | 74532    | 16.868 | 0.536 #  |
| 32)                         | L7 AR-1260-2    | 7.469  | 6.432f | 320379   | 721718   | 3.431  | 5.935 #  |
| 33)                         | L7 AR-1260-3    | 7.844f | 0.000  | 288657   | 0        | 4.568  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.322  | 0        | 230709   | N.D.   | 1.126 #  |
| 36)                         | L8 AR-1262-1    | 7.844f | 0.000  | 288657   | 0        | 3.011  | N.D. #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.611  | 0        | 51630    | N.D.   | 0.512 #  |
| 40)                         | L8 AR-1262-5    | 9.445  | 8.179  | 26015    | 129366   | 0.568  | 1.727 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.611  | 0        | 51630    | N.D.   | 0.168 #  |
| 43)                         | L9 AR-1268-3    | 9.005  | 7.910f | 41604    | 181483   | 0.275  | 0.774 #  |
| 44)                         | L9 AR-1268-4    | 9.445  | 8.179  | 26015    | 129366   | 0.512  | 1.523 #  |
| 45)                         | L9 AR-1268-5    | 9.887  | 8.473  | 106910   | 112972   | 0.249  | 0.172 #  |
| -----                       |                 |        |        |          |          |        |          |

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

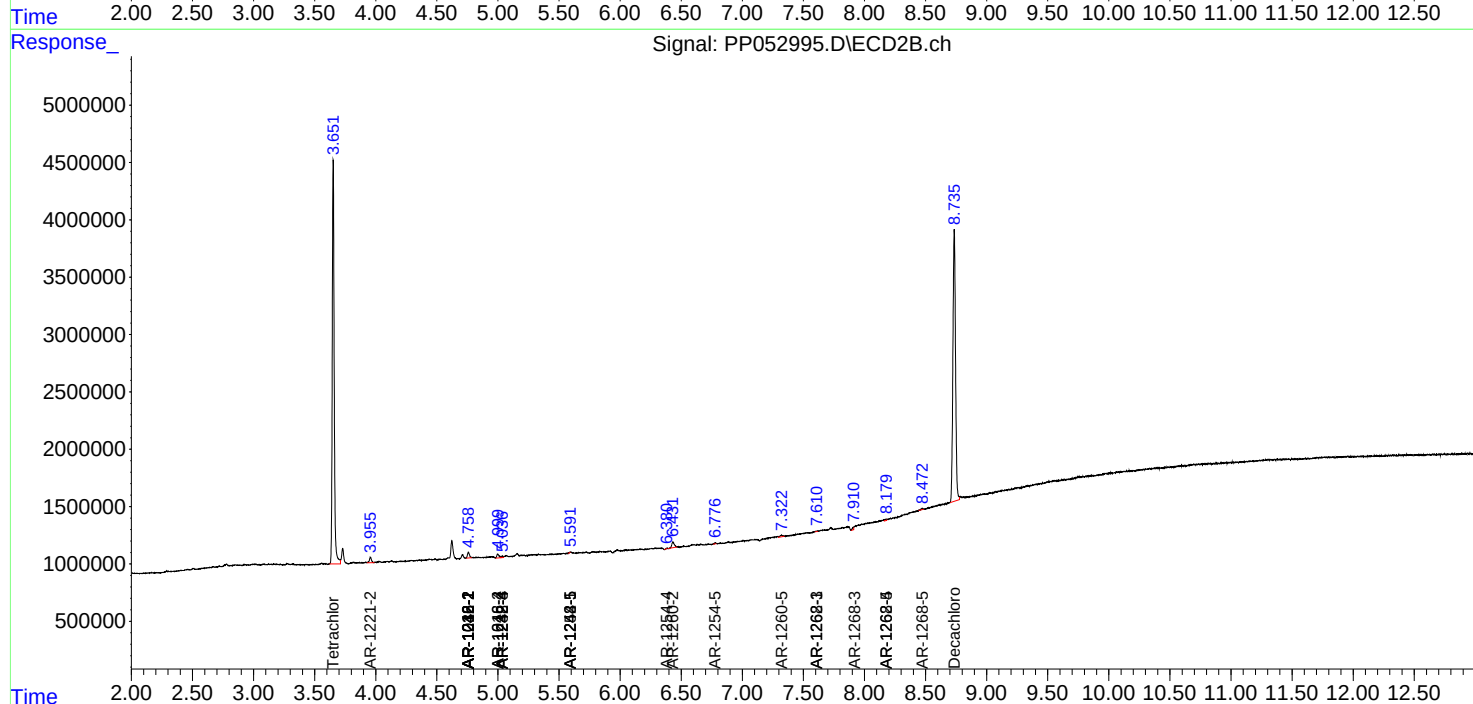
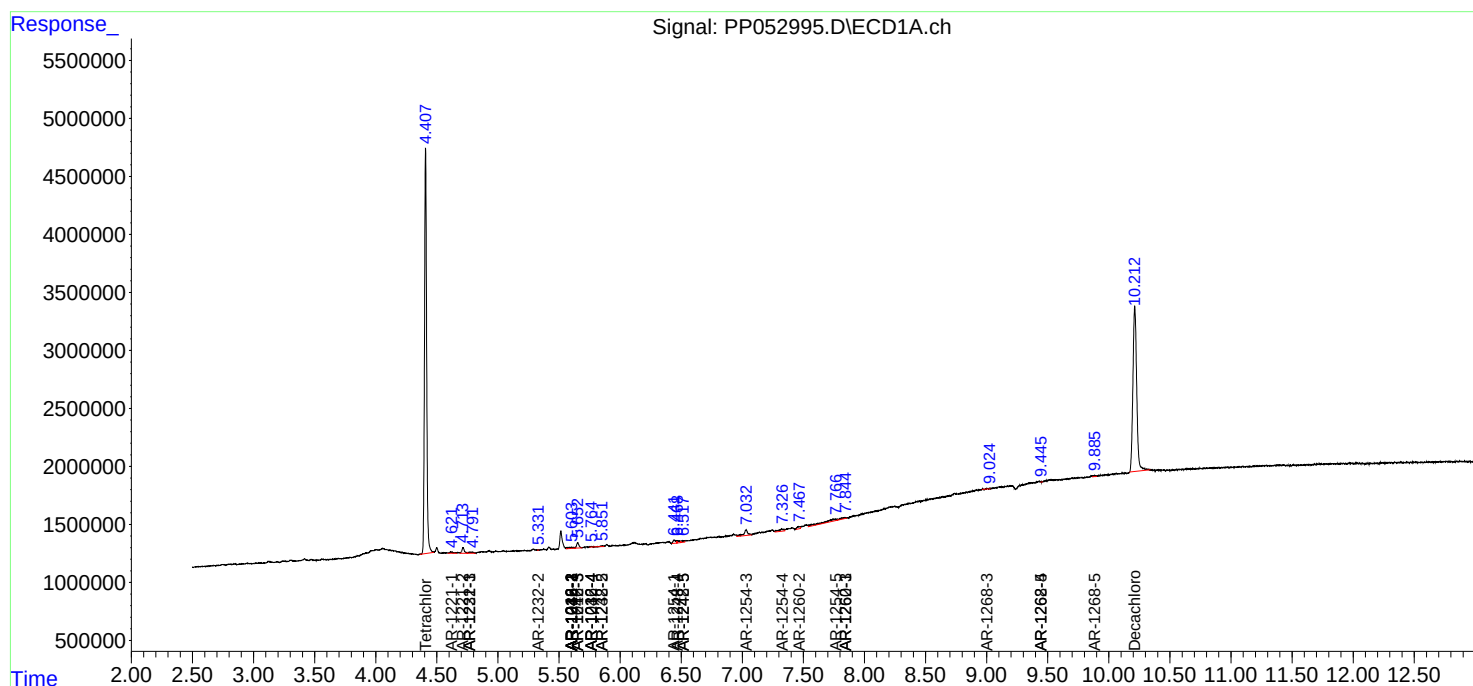
Instrument :  
ECD\_P  
ClientSampleId :

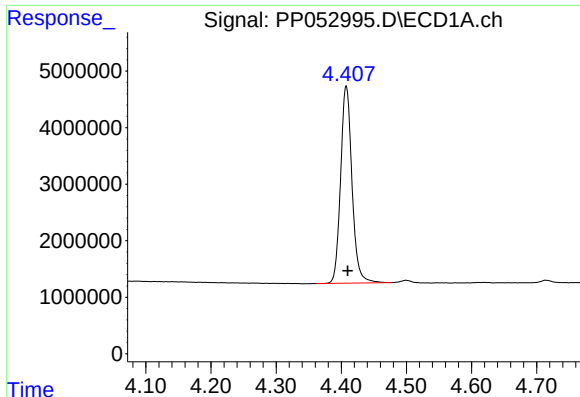
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP110222\  
Data File : PP052995.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Nov 2022 17:37  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 02 22:19:46 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102622.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Oct 27 04:46:37 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

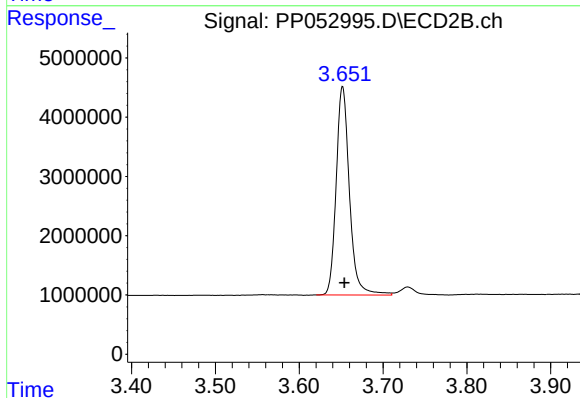




#1 Tetrachloro-m-xylene

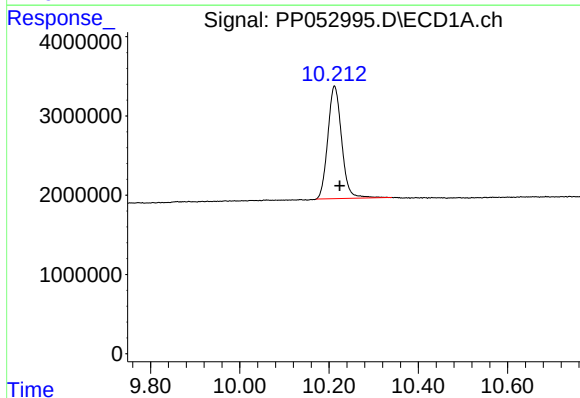
R.T.: 4.408 min  
Delta R.T.: -0.002 min  
Response: 42385638  
Conc: 19.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



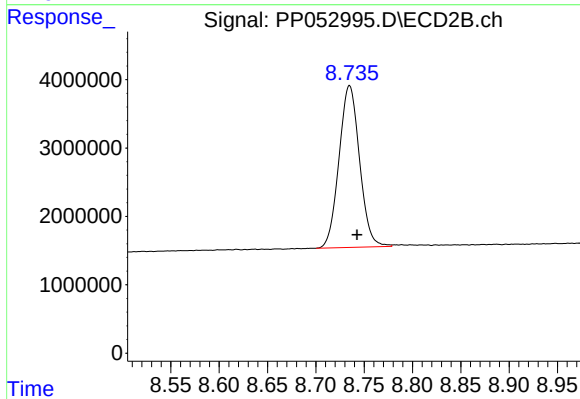
#1 Tetrachloro-m-xylene

R.T.: 3.652 min  
Delta R.T.: -0.002 min  
Response: 38655640  
Conc: 20.57 ng/ml



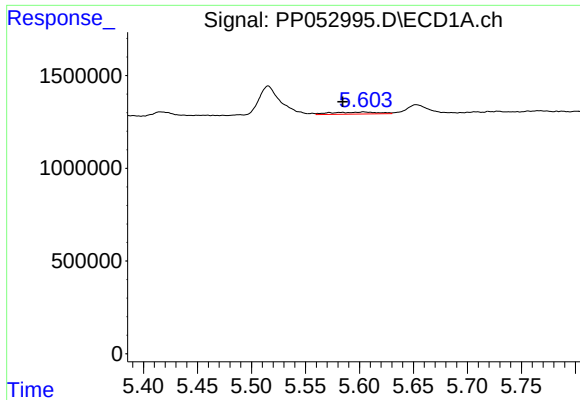
#2 Decachlorobiphenyl

R.T.: 10.212 min  
Delta R.T.: -0.011 min  
Response: 30483145  
Conc: 24.02 ng/ml



#2 Decachlorobiphenyl

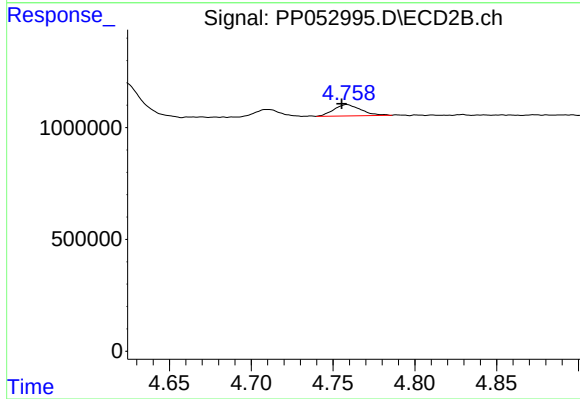
R.T.: 8.735 min  
Delta R.T.: -0.008 min  
Response: 34993192  
Conc: 20.87 ng/ml



#3 AR-1016-1

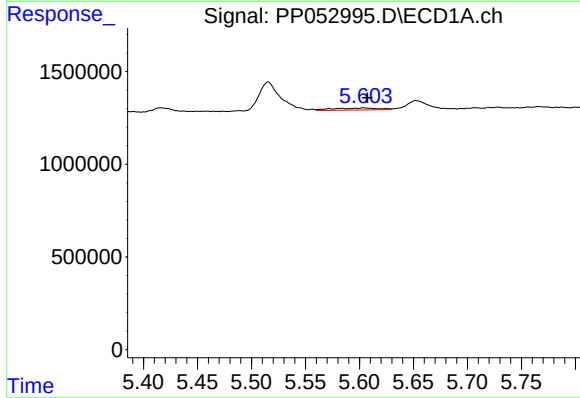
R.T.: 5.604 min  
Delta R.T.: 0.020 min  
Response: 327188  
Conc: 4.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



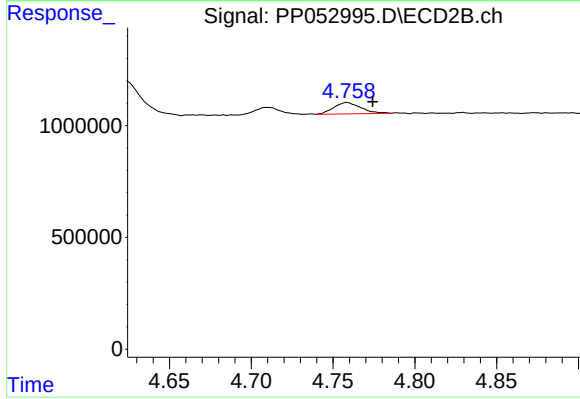
#3 AR-1016-1

R.T.: 4.758 min  
Delta R.T.: 0.003 min  
Response: 584031  
Conc: 8.87 ng/ml



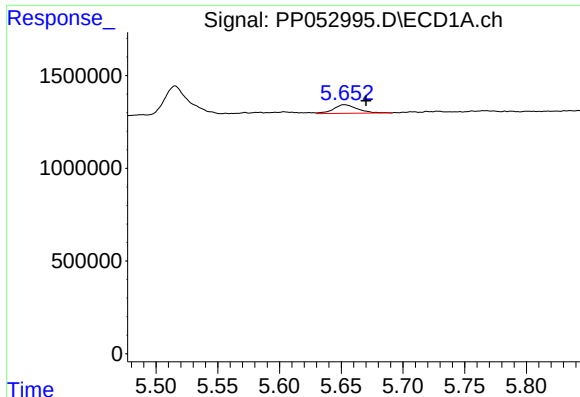
#4 AR-1016-2

R.T.: 5.604 min  
Delta R.T.: -0.003 min  
Response: 327188  
Conc: 3.28 ng/ml



#4 AR-1016-2

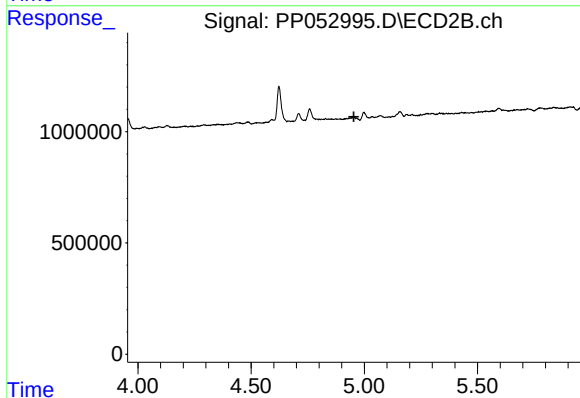
R.T.: 4.758 min  
Delta R.T.: -0.016 min  
Response: 584031  
Conc: 6.36 ng/ml



#5 AR-1016-3

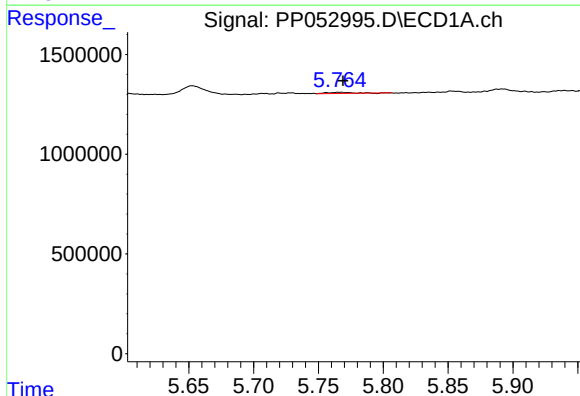
R.T.: 5.653 min  
Delta R.T.: -0.017 min  
Response: 636704  
Conc: 10.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



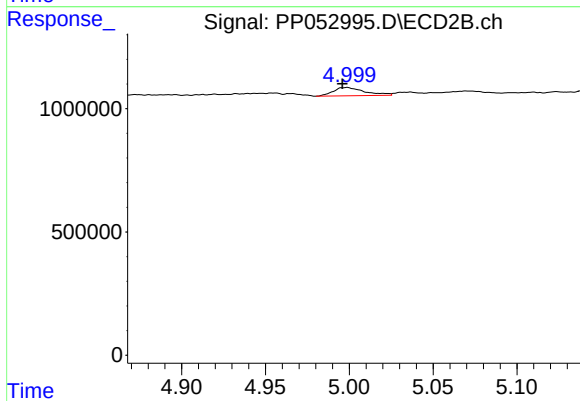
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.954 min  
Response: 0  
Conc: N.D.



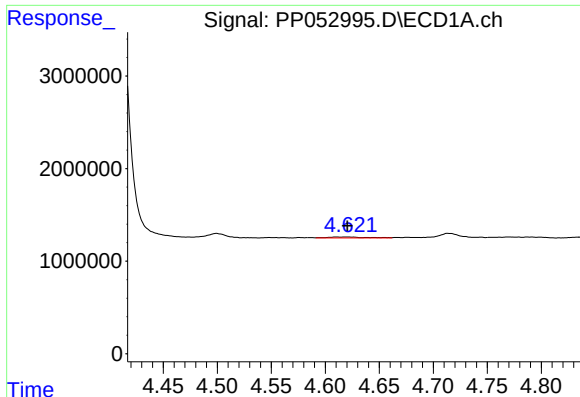
#6 AR-1016-4

R.T.: 5.767 min  
Delta R.T.: -0.002 min  
Response: 83569  
Conc: 1.73 ng/ml



#6 AR-1016-4

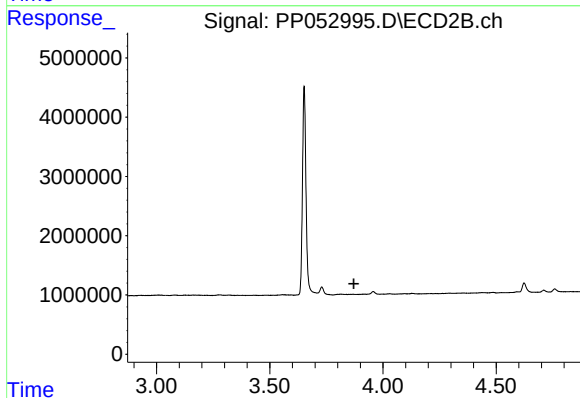
R.T.: 4.999 min  
Delta R.T.: 0.003 min  
Response: 437666  
Conc: 11.23 ng/ml



#8 AR-1221-1

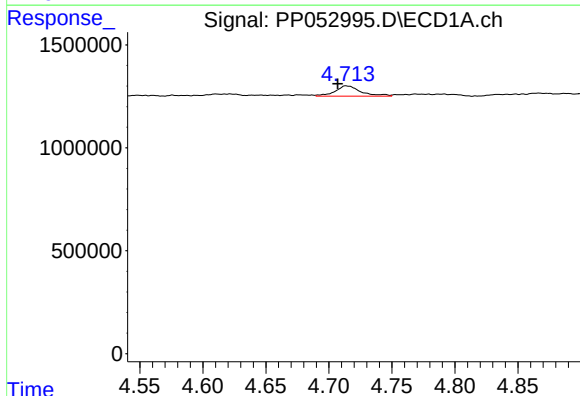
R.T.: 4.621 min  
Delta R.T.: 0.000 min  
Response: 257472  
Conc: 10.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



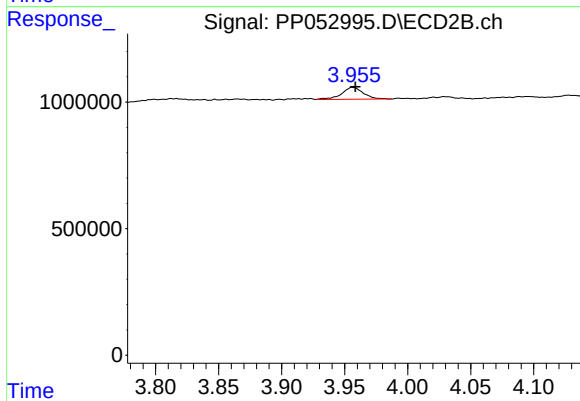
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 3.872 min  
Response: 0  
Conc: N.D.



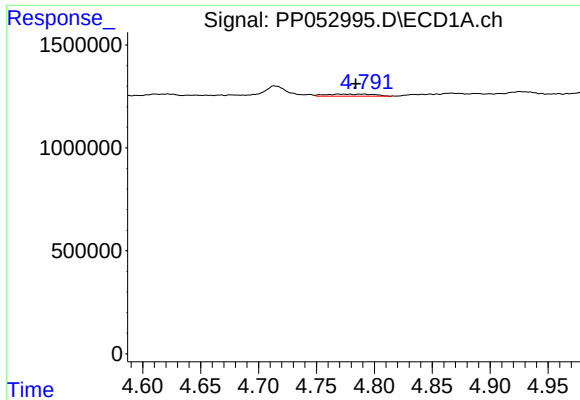
#9 AR-1221-2

R.T.: 4.715 min  
Delta R.T.: 0.008 min  
Response: 712188  
Conc: 37.44 ng/ml



#9 AR-1221-2

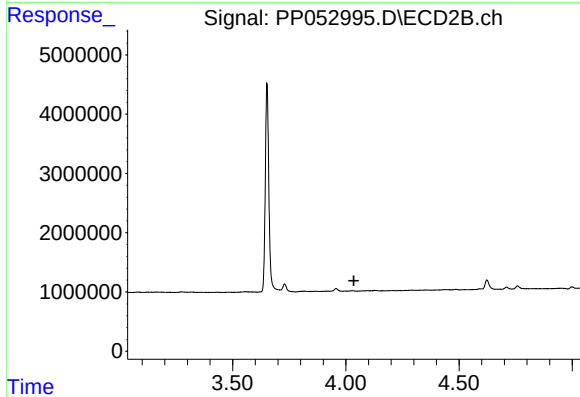
R.T.: 3.956 min  
Delta R.T.: -0.002 min  
Response: 565626  
Conc: 32.31 ng/ml



#10 AR-1221-3

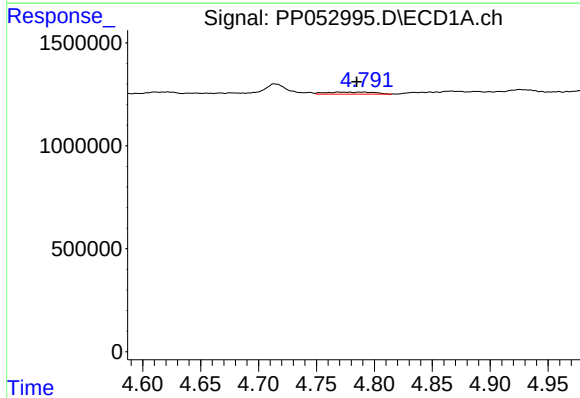
R.T.: 4.771 min  
Delta R.T.: -0.013 min  
Response: 285855  
Conc: 5.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



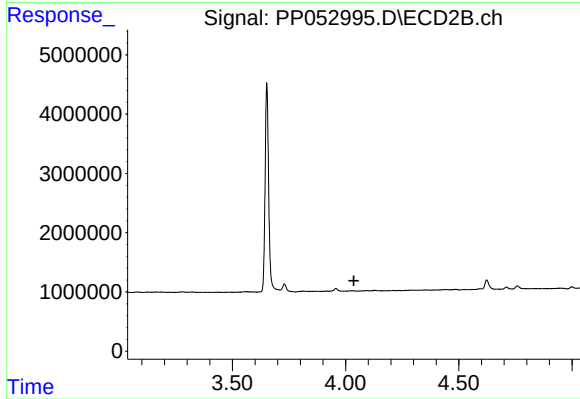
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.036 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

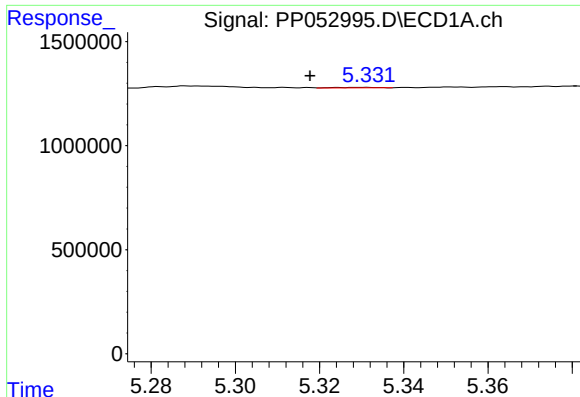
R.T.: 4.771 min  
Delta R.T.: -0.014 min  
Response: 285855  
Conc: 6.59 ng/ml



#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.036 min  
Response: 0  
Conc: N.D.

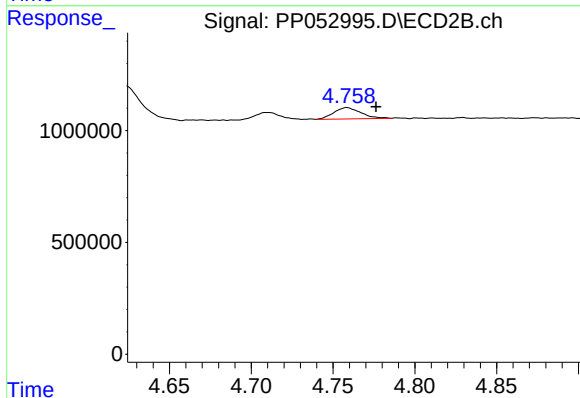




#12 AR-1232-2

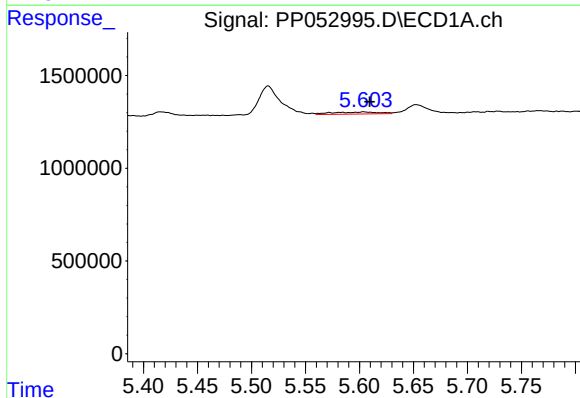
R.T.: 5.329 min  
Delta R.T.: 0.012 min  
Response: 16869  
Conc: 0.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



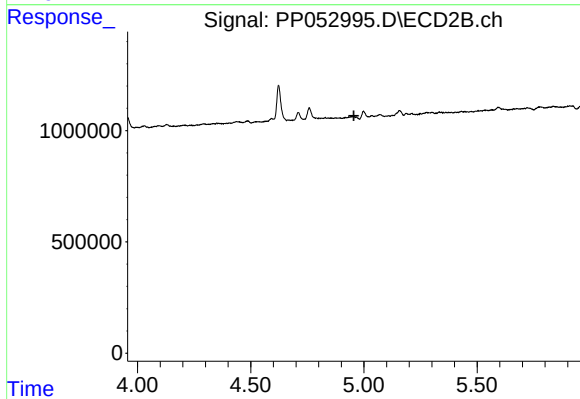
#12 AR-1232-2

R.T.: 4.758 min  
Delta R.T.: -0.018 min  
Response: 584031  
Conc: 14.09 ng/ml



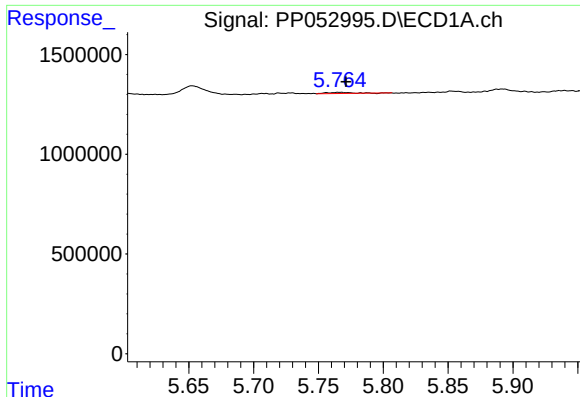
#13 AR-1232-3

R.T.: 5.604 min  
Delta R.T.: -0.005 min  
Response: 327188  
Conc: 7.47 ng/ml



#13 AR-1232-3

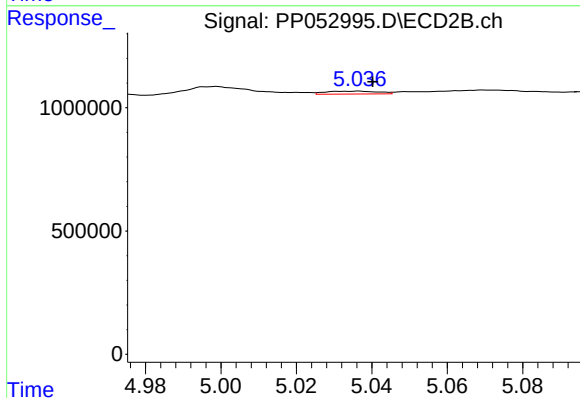
R.T.: 0.000 min  
Exp R.T.: 4.955 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

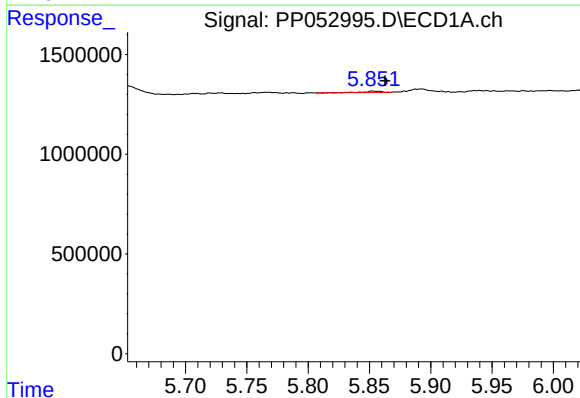
R.T.: 5.767 min  
Delta R.T.: -0.004 min  
Response: 83569  
Conc: 3.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



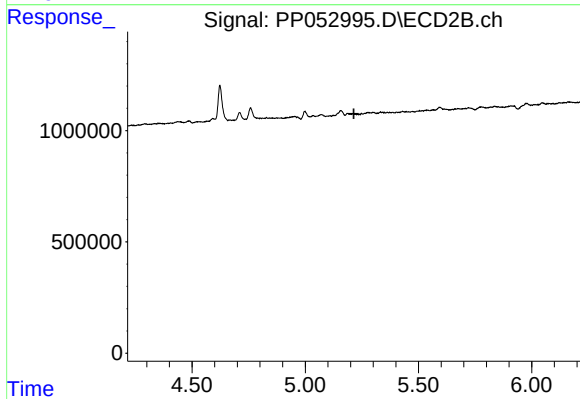
#14 AR-1232-4

R.T.: 5.037 min  
Delta R.T.: -0.004 min  
Response: 113730  
Conc: 5.53 ng/ml



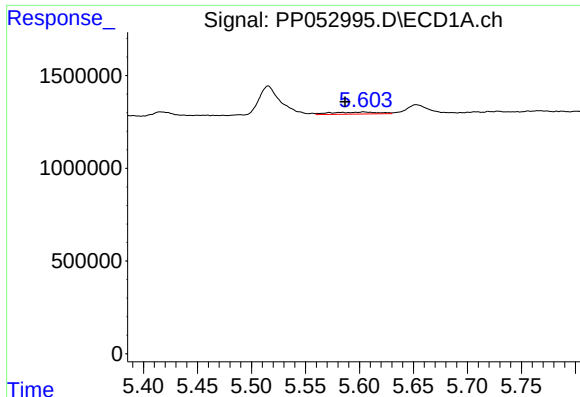
#15 AR-1232-5

R.T.: 5.854 min  
Delta R.T.: -0.008 min  
Response: 70287  
Conc: 4.08 ng/ml



#15 AR-1232-5

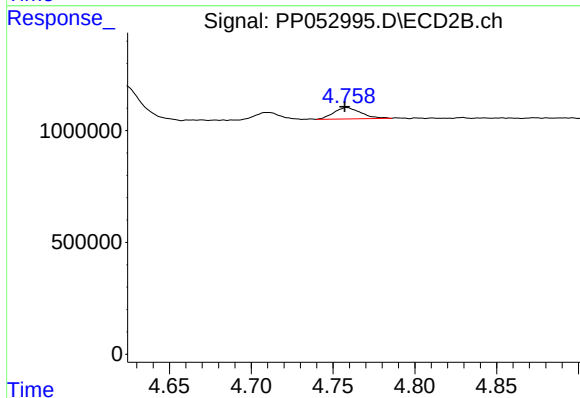
R.T.: 0.000 min  
Exp R.T.: 5.215 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

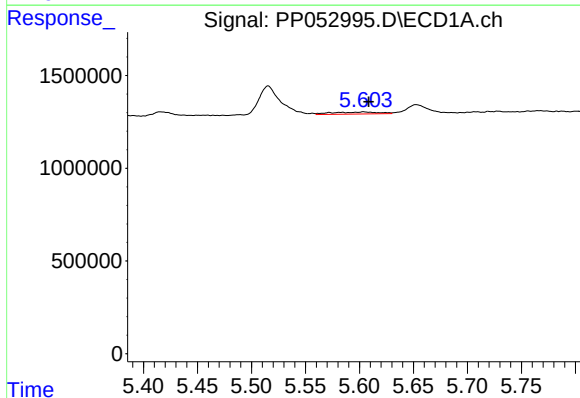
R.T.: 5.604 min  
Delta R.T.: 0.018 min  
Response: 327188  
Conc: 5.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



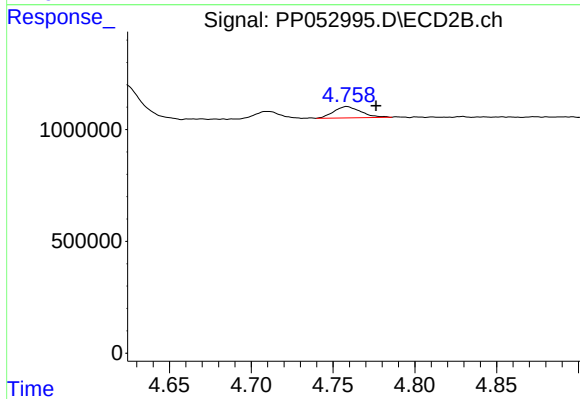
#16 AR-1242-1

R.T.: 4.758 min  
Delta R.T.: 0.001 min  
Response: 584031  
Conc: 10.47 ng/ml



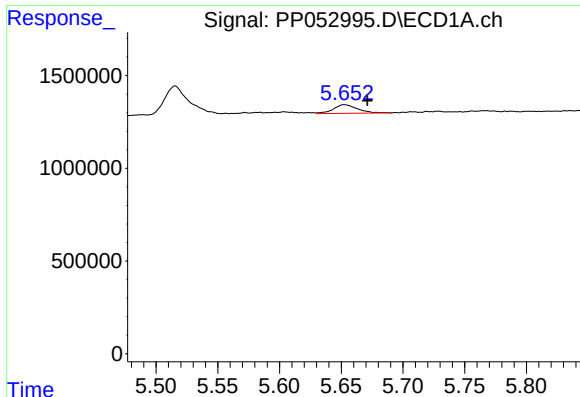
#17 AR-1242-2

R.T.: 5.604 min  
Delta R.T.: -0.004 min  
Response: 327188  
Conc: 3.96 ng/ml



#17 AR-1242-2

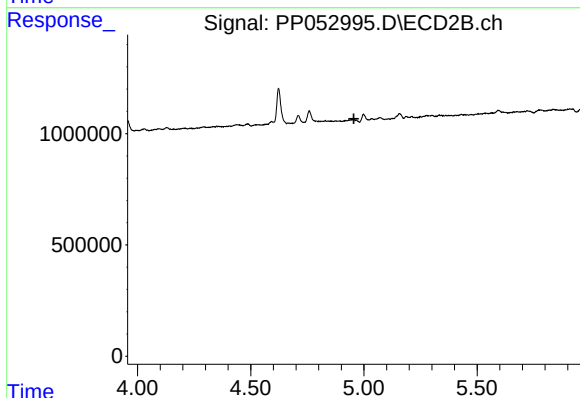
R.T.: 4.758 min  
Delta R.T.: -0.018 min  
Response: 584031  
Conc: 7.57 ng/ml



#18 AR-1242-3

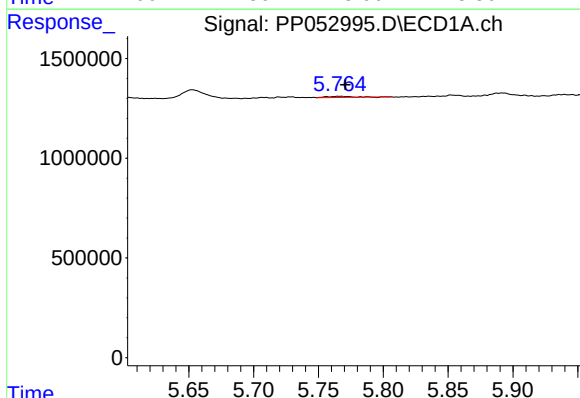
R.T.: 5.653 min  
Delta R.T.: -0.018 min  
Response: 636704  
Conc: 12.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



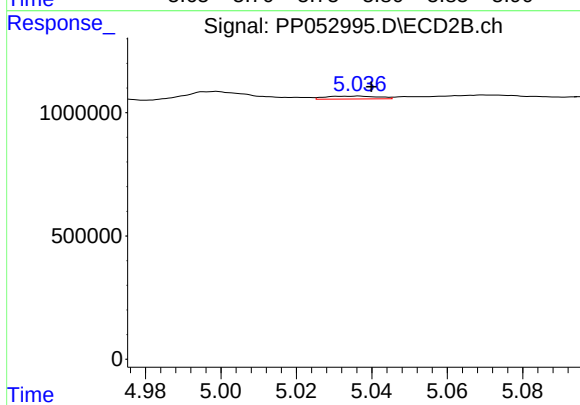
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.956 min  
Response: 0  
Conc: N.D.



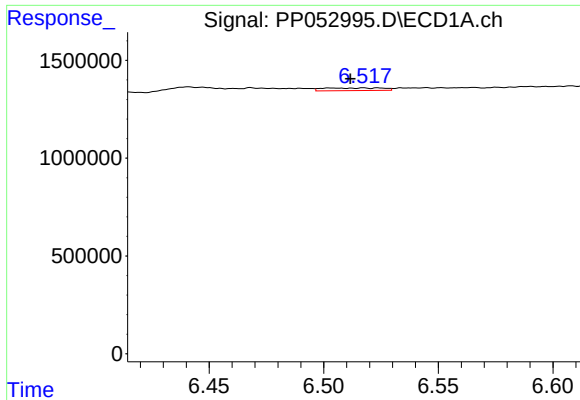
#19 AR-1242-4

R.T.: 5.767 min  
Delta R.T.: -0.004 min  
Response: 83569  
Conc: 2.06 ng/ml



#19 AR-1242-4

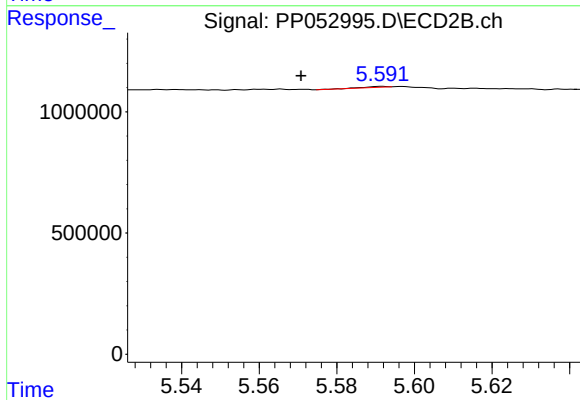
R.T.: 5.037 min  
Delta R.T.: -0.003 min  
Response: 113730  
Conc: 2.68 ng/ml



#20 AR-1242-5

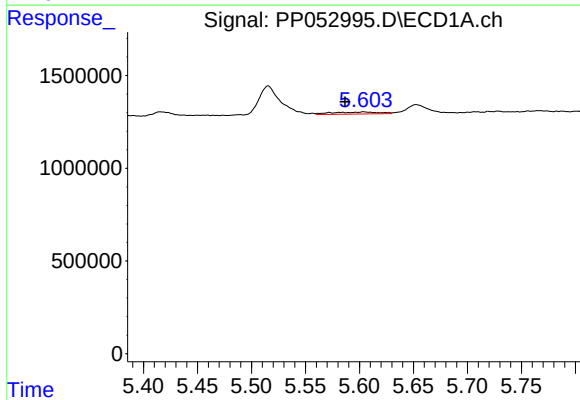
R.T.: 6.518 min  
Delta R.T.: 0.006 min  
Response: 247092  
Conc: 6.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



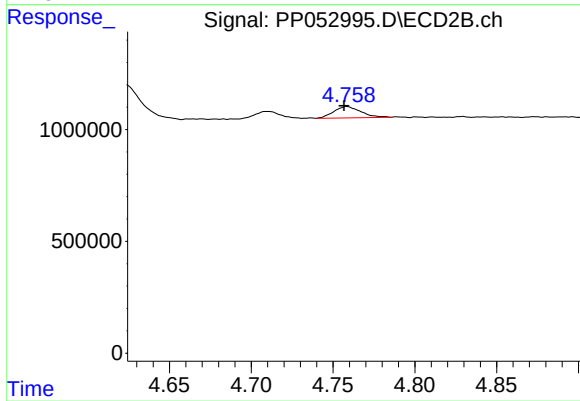
#20 AR-1242-5

R.T.: 5.592 min  
Delta R.T.: 0.021 min  
Response: 14852  
Conc: 0.29 ng/ml



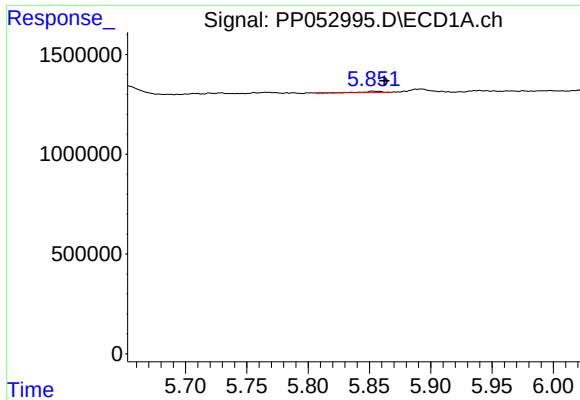
#21 AR-1248-1

R.T.: 5.604 min  
Delta R.T.: 0.018 min  
Response: 327188  
Conc: 8.06 ng/ml



#21 AR-1248-1

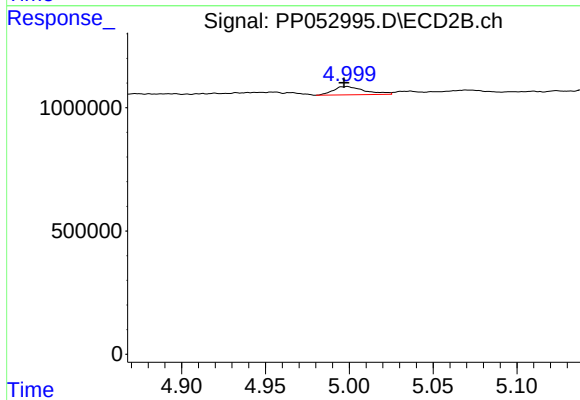
R.T.: 4.758 min  
Delta R.T.: 0.002 min  
Response: 584031  
Conc: 14.59 ng/ml



#22 AR-1248-2

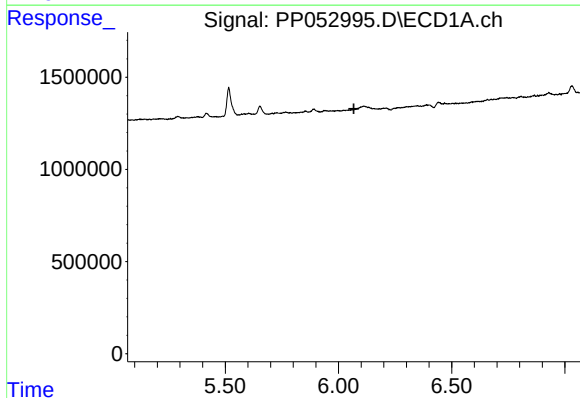
R.T.: 5.854 min  
Delta R.T.: -0.008 min  
Response: 70287  
Conc: 1.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



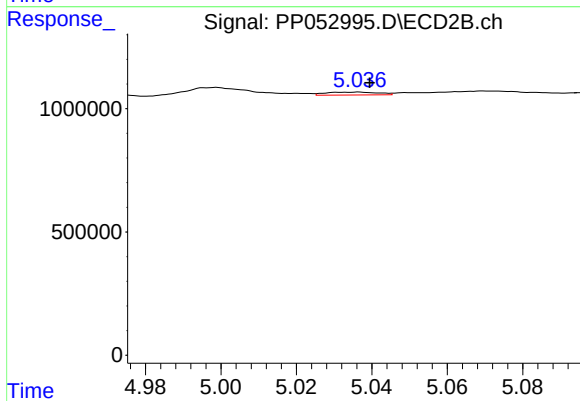
#22 AR-1248-2

R.T.: 4.999 min  
Delta R.T.: 0.002 min  
Response: 437666  
Conc: 7.73 ng/ml



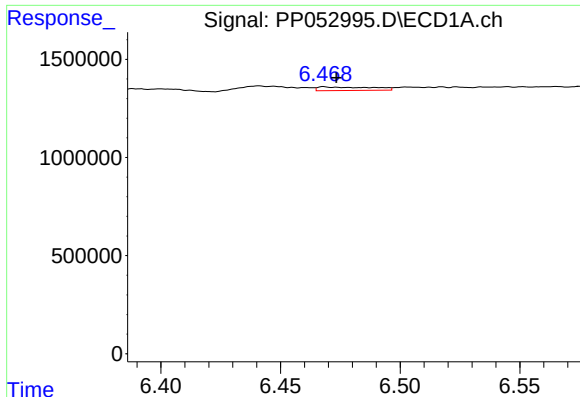
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 6.068 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

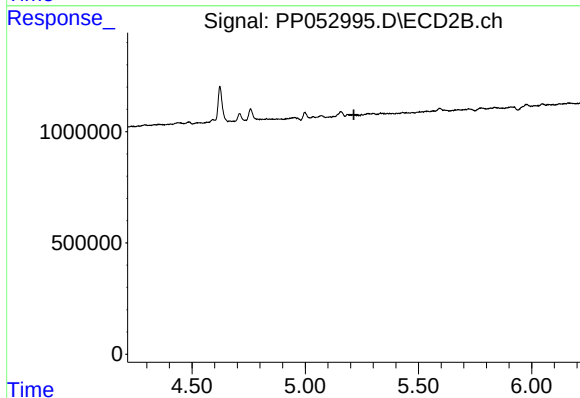
R.T.: 5.037 min  
Delta R.T.: -0.003 min  
Response: 113730  
Conc: 1.94 ng/ml



#24 AR-1248-4

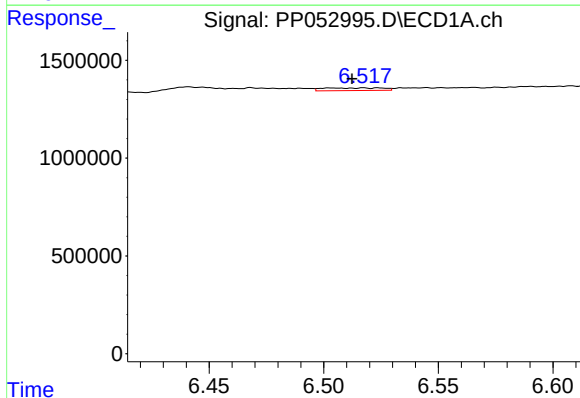
R.T.: 6.469 min  
Delta R.T.: -0.004 min  
Response: 288761  
Conc: 4.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



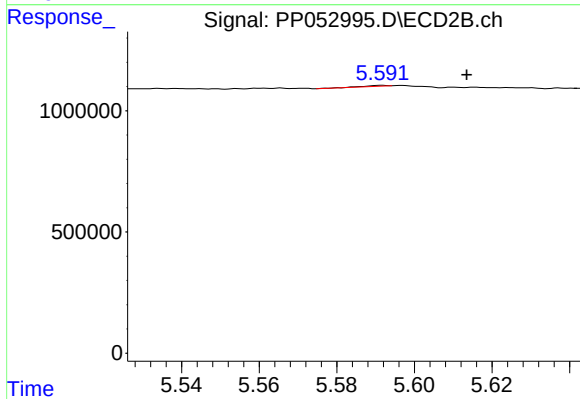
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.215 min  
Response: 0  
Conc: N.D.



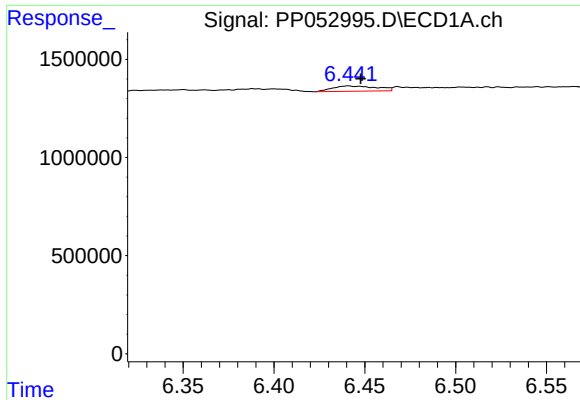
#25 AR-1248-5

R.T.: 6.518 min  
Delta R.T.: 0.006 min  
Response: 247092  
Conc: 3.90 ng/ml



#25 AR-1248-5

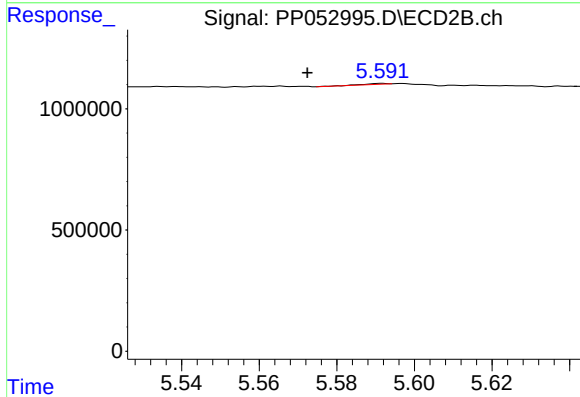
R.T.: 5.592 min  
Delta R.T.: -0.022 min  
Response: 14852  
Conc: 0.23 ng/ml



#26 AR-1254-1

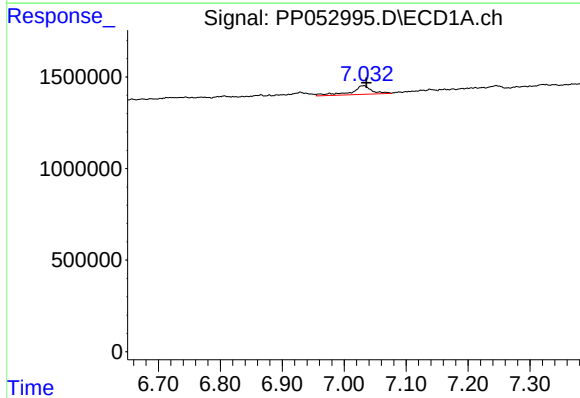
R.T.: 6.442 min  
Delta R.T.: -0.006 min  
Response: 456928  
Conc: 6.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



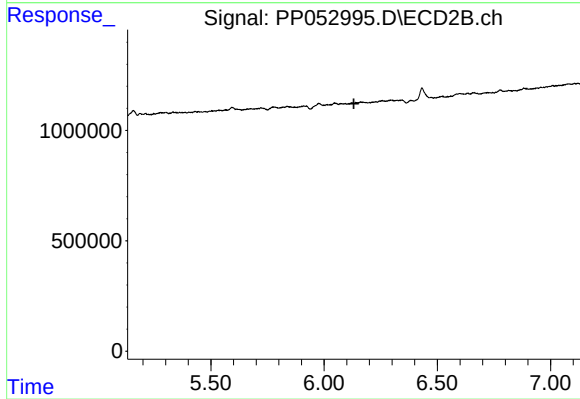
#26 AR-1254-1

R.T.: 5.592 min  
Delta R.T.: 0.019 min  
Response: 14852  
Conc: 0.14 ng/ml



#28 AR-1254-3

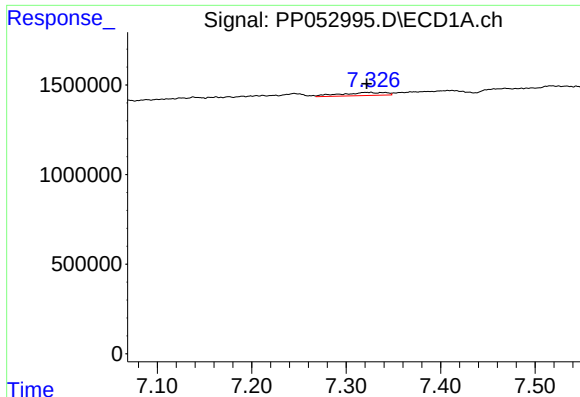
R.T.: 7.031 min  
Delta R.T.: -0.005 min  
Response: 1136521  
Conc: 10.21 ng/ml



#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 6.131 min  
Response: 0  
Conc: N.D.

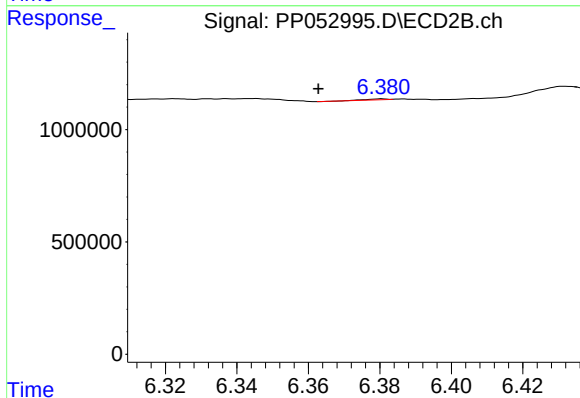




#29 AR-1254-4

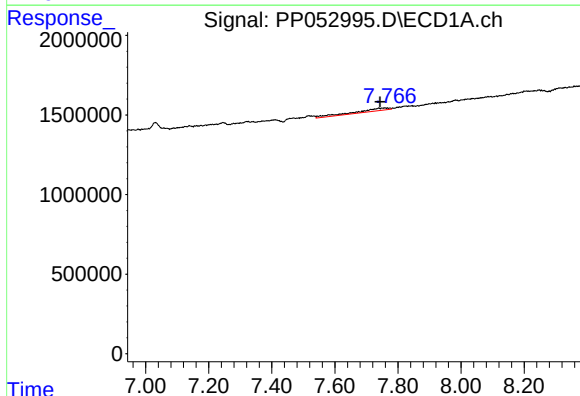
R.T.: 7.322 min  
Delta R.T.: 0.000 min  
Response: 570750  
Conc: 8.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



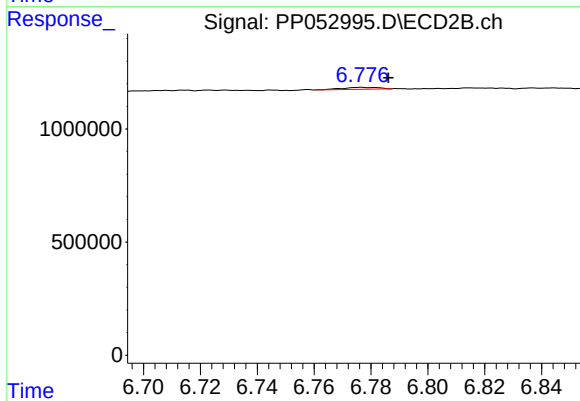
#29 AR-1254-4

R.T.: 6.381 min  
Delta R.T.: 0.018 min  
Response: 14862  
Conc: 0.16 ng/ml



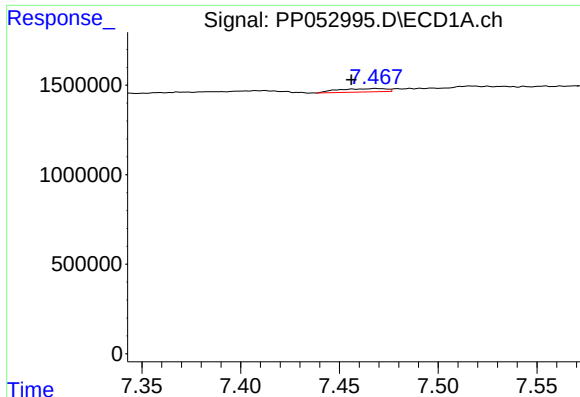
#30 AR-1254-5

R.T.: 7.757 min  
Delta R.T.: 0.014 min  
Response: 1328075  
Conc: 16.87 ng/ml



#30 AR-1254-5

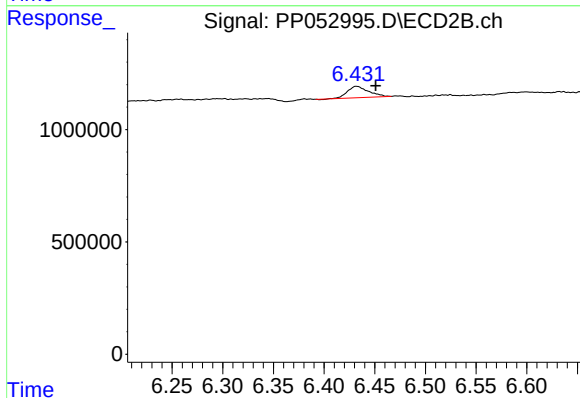
R.T.: 6.777 min  
Delta R.T.: -0.009 min  
Response: 74532  
Conc: 0.54 ng/ml



#32 AR-1260-2

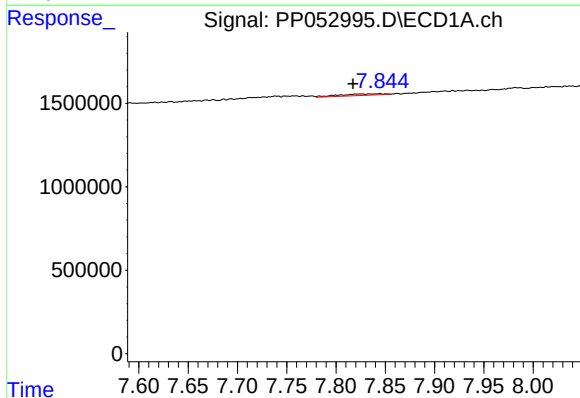
R.T.: 7.469 min  
Delta R.T.: 0.013 min  
Response: 320379  
Conc: 3.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



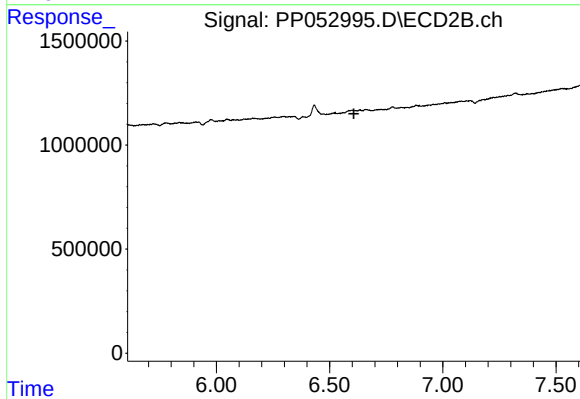
#32 AR-1260-2

R.T.: 6.432 min  
Delta R.T.: -0.019 min  
Response: 721718  
Conc: 5.93 ng/ml



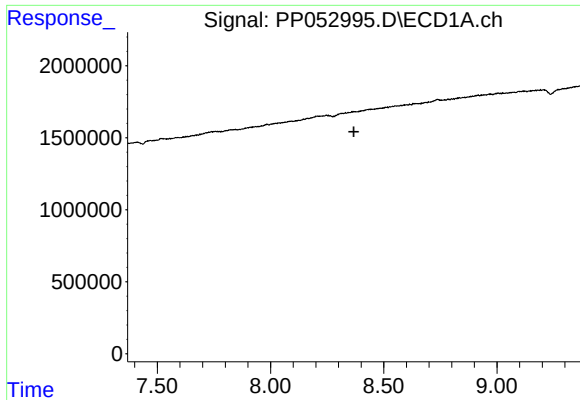
#33 AR-1260-3

R.T.: 7.844 min  
Delta R.T.: 0.027 min  
Response: 288657  
Conc: 4.57 ng/ml



#33 AR-1260-3

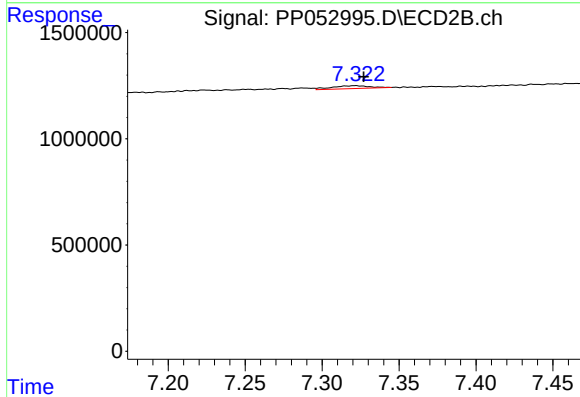
R.T.: 0.000 min  
Exp R.T.: 6.607 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

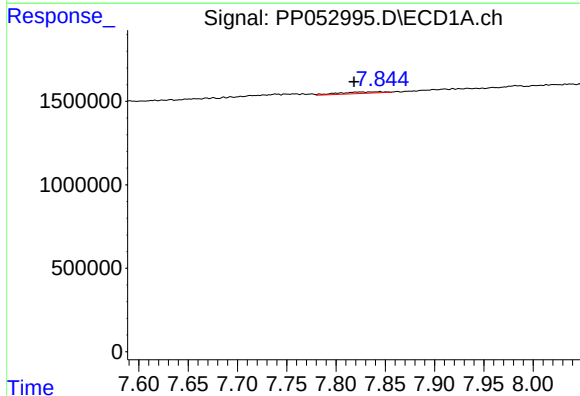
R.T.: 0.000 min  
Exp R.T.: 8.368 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



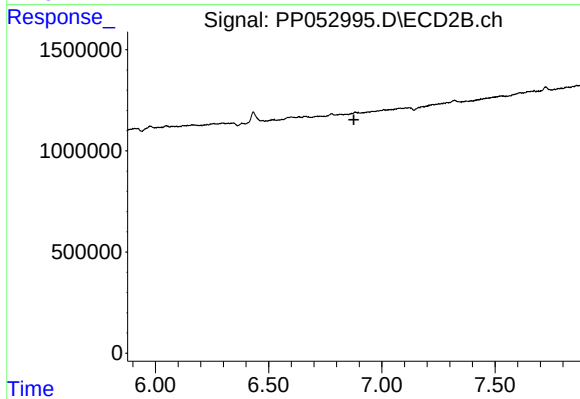
#35 AR-1260-5

R.T.: 7.322 min  
Delta R.T.: -0.005 min  
Response: 230709  
Conc: 1.13 ng/ml



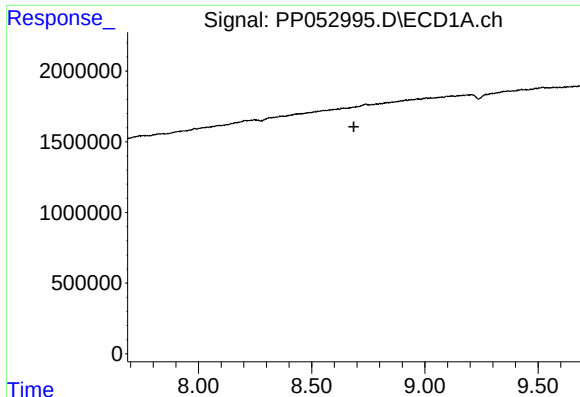
#36 AR-1262-1

R.T.: 7.844 min  
Delta R.T.: 0.026 min  
Response: 288657  
Conc: 3.01 ng/ml



#36 AR-1262-1

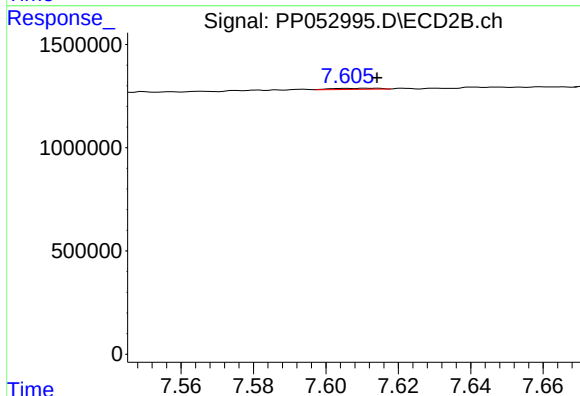
R.T.: 0.000 min  
Exp R.T.: 6.877 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

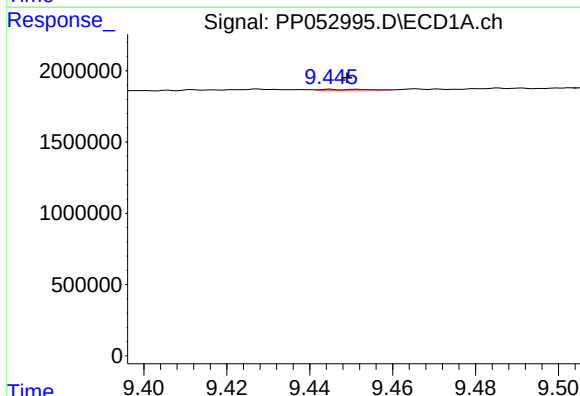
R.T.: 0.000 min  
Exp R.T.: 8.687 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



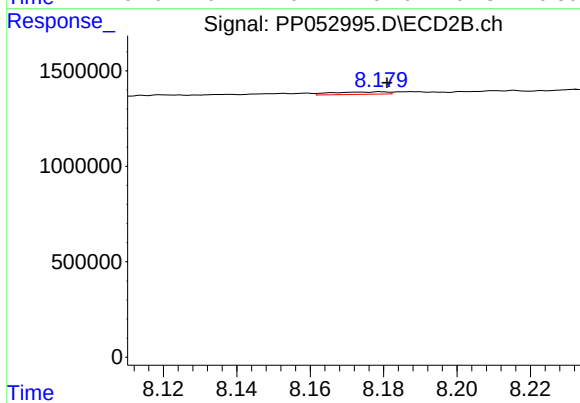
#38 AR-1262-3

R.T.: 7.611 min  
Delta R.T.: -0.003 min  
Response: 51630  
Conc: 0.51 ng/ml



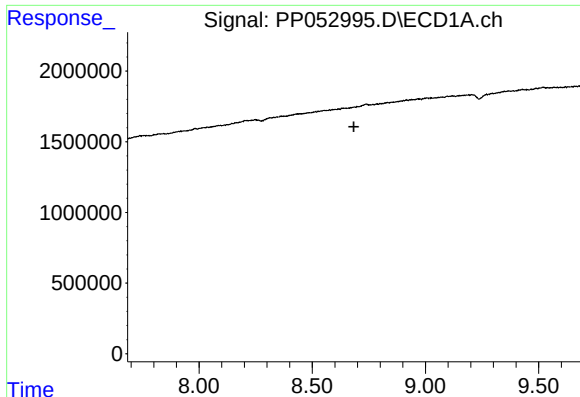
#40 AR-1262-5

R.T.: 9.445 min  
Delta R.T.: -0.004 min  
Response: 26015  
Conc: 0.57 ng/ml



#40 AR-1262-5

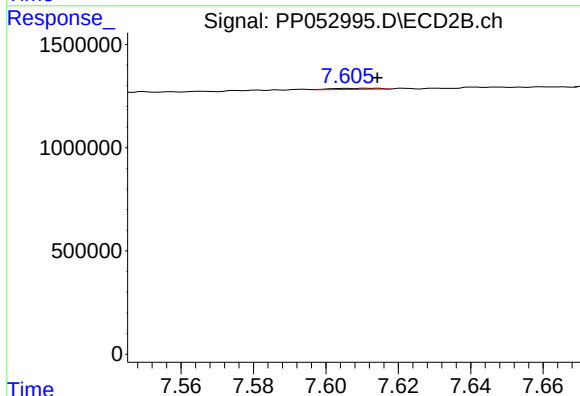
R.T.: 8.179 min  
Delta R.T.: -0.002 min  
Response: 129366  
Conc: 1.73 ng/ml



#41 AR-1268-1

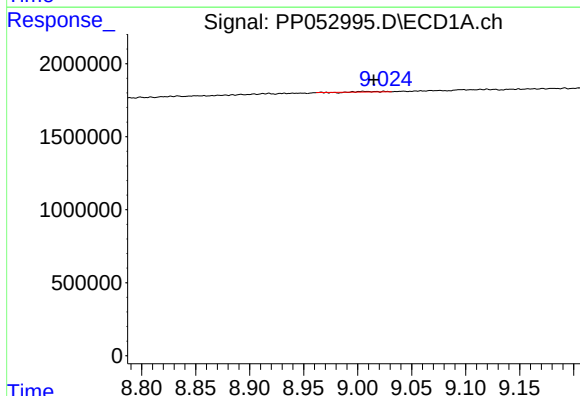
R.T.: 0.000 min  
Exp R.T.: 8.684 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



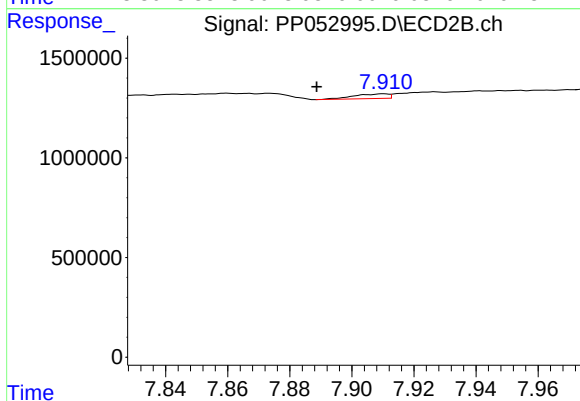
#41 AR-1268-1

R.T.: 7.611 min  
Delta R.T.: -0.004 min  
Response: 51630  
Conc: 0.17 ng/ml



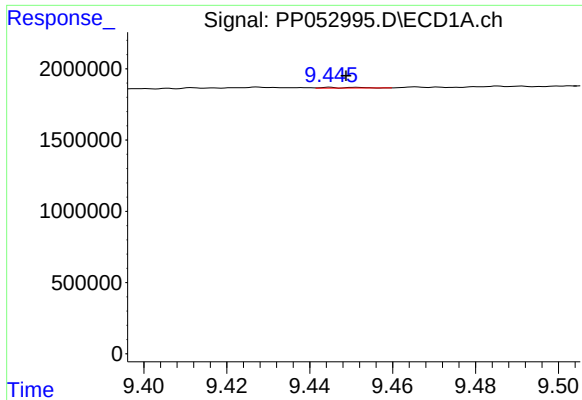
#43 AR-1268-3

R.T.: 9.005 min  
Delta R.T.: -0.009 min  
Response: 41604  
Conc: 0.27 ng/ml



#43 AR-1268-3

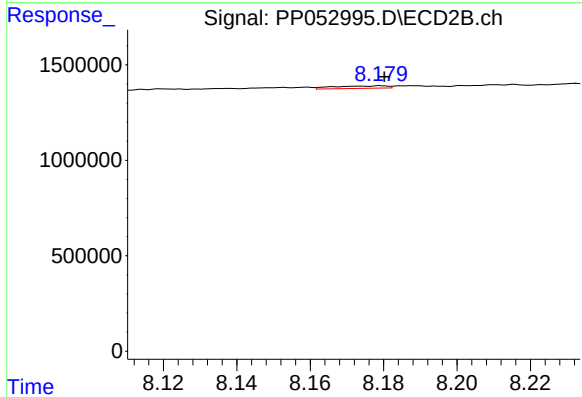
R.T.: 7.910 min  
Delta R.T.: 0.022 min  
Response: 181483  
Conc: 0.77 ng/ml



#44 AR-1268-4

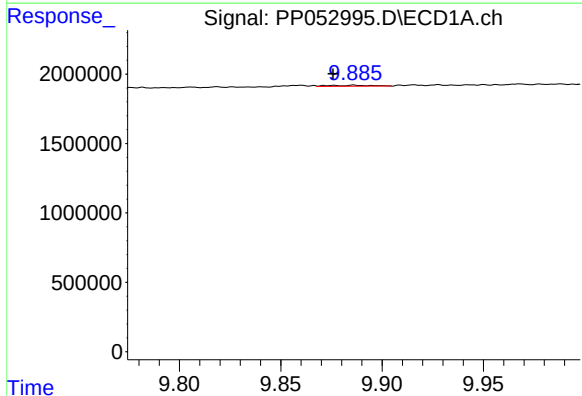
R.T.: 9.445 min  
Delta R.T.: -0.003 min  
Response: 26015  
Conc: 0.51 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



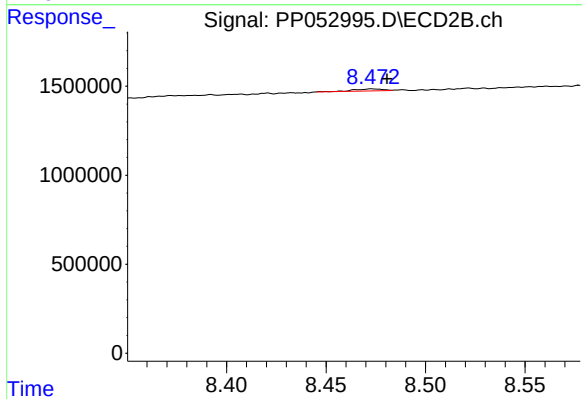
#44 AR-1268-4

R.T.: 8.179 min  
Delta R.T.: 0.000 min  
Response: 129366  
Conc: 1.52 ng/ml



#45 AR-1268-5

R.T.: 9.887 min  
Delta R.T.: 0.011 min  
Response: 106910  
Conc: 0.25 ng/ml



#45 AR-1268-5

R.T.: 8.473 min  
Delta R.T.: -0.008 min  
Response: 112972  
Conc: 0.17 ng/ml