

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101922\  
 Data File : PP052497.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Oct 2022 21:41  
 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 19 22:36:03 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... | 4.420  | 3.670  | 31915781 | 25155860 | 20.304 | 21.958   |
| 2)                          | SA Decachlor... | 10.238 | 8.764  | 28967252 | 22840598 | 20.872 | 20.442   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.609  | 4.779  | 113481   | 381865   | 2.495  | 8.586 #  |
| 4)                          | L1 AR-1016-2    | 5.609  | 4.779f | 113481   | 381865   | 1.724  | 6.001 #  |
| 5)                          | L1 AR-1016-3    | 5.666f | 0.000  | 347219   | 0        | 8.344  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.019  | 0        | 490390   | N.D.   | 17.992 # |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.235  | 0        | 1559662  | N.D.   | 44.084 # |
| 8)                          | L2 AR-1221-1    | 4.632  | 0.000  | 168662   | 0        | 8.162  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.729  | 3.975  | 465753   | 395294   | 30.435 | 32.961   |
| 10)                         | L2 AR-1221-3    | 4.783  | 0.000  | 166508   | 0        | 3.556  | N.D. #   |
| 11)                         | L3 AR-1232-1    | 4.783  | 0.000  | 166508   | 0        | 4.622  | N.D. #   |
| 12)                         | L3 AR-1232-2    | 5.341  | 4.779f | 24999    | 381865   | 1.232  | 12.748 # |
| 13)                         | L3 AR-1232-3    | 5.609  | 0.000  | 113481   | 0        | 3.768  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.867  | 5.235  | 56497    | 1559662  | 3.767  | 98.524 # |
| 16)                         | L4 AR-1242-1    | 5.609  | 4.779  | 113481   | 381865   | 3.262  | 10.967 # |
| 17)                         | L4 AR-1242-2    | 5.609  | 4.779f | 113481   | 381865   | 2.292  | 7.741 #  |
| 18)                         | L4 AR-1242-3    | 5.666f | 0.000  | 347219   | 0        | 10.951 | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.495f | 0.000  | 1370467  | 0        | 36.863 | N.D. #   |
| 21)                         | L5 AR-1248-1    | 5.609  | 4.779  | 113481   | 381865   | 4.221  | 14.085 # |
| 22)                         | L5 AR-1248-2    | 5.867  | 5.019  | 56497    | 490390   | 1.215  | 13.181 # |
| 24)                         | L5 AR-1248-4    | 6.495  | 5.235  | 1370467  | 1559662  | 21.585 | 33.660 # |
| 25)                         | L5 AR-1248-5    | 6.495f | 0.000  | 1370467  | 0        | 22.128 | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.456  | 0.000  | 1145199  | 0        | 16.087 | N.D. #   |
| 27)                         | L6 AR-1254-2    | 6.671  | 0.000  | 1818935  | 0        | 17.055 | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.044  | 6.138  | 2125567  | 942751   | 20.224 | 9.530 #  |
| 31)                         | L7 AR-1260-1    | 7.202  | 0.000  | 1451796  | 0        | 17.516 | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.480  | 6.454f | 657337   | 1797477  | 6.964  | 21.718 # |
| 35)                         | L7 AR-1260-5    | 8.375  | 7.343  | 134529   | 493770   | 0.981  | 3.744 #  |
| 37)                         | L8 AR-1262-2    | 8.375  | 0.000  | 134529   | 0        | 0.836  | N.D. #   |
| 38)                         | L8 AR-1262-3    | 8.694  | 0.000  | 36977    | 0        | 0.336  | N.D. #   |
| 39)                         | L8 AR-1262-4    | 8.795  | 0.000  | 106861   | 0        | 2.090  | N.D. #   |
| 40)                         | L8 AR-1262-5    | 9.454  | 0.000  | 739062   | 0        | 11.741 | N.D. #   |
| 41)                         | L9 AR-1268-1    | 8.694  | 0.000  | 36977    | 0        | 0.187  | N.D. #   |
| 42)                         | L9 AR-1268-2    | 8.795  | 0.000  | 106861   | 0        | 0.582  | N.D. #   |
| 44)                         | L9 AR-1268-4    | 9.454  | 8.167f | 739062   | 33871    | 10.129 | 0.599 #  |
| 45)                         | L9 AR-1268-5    | 9.887  | 0.000  | 116219   | 0        | 0.223  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

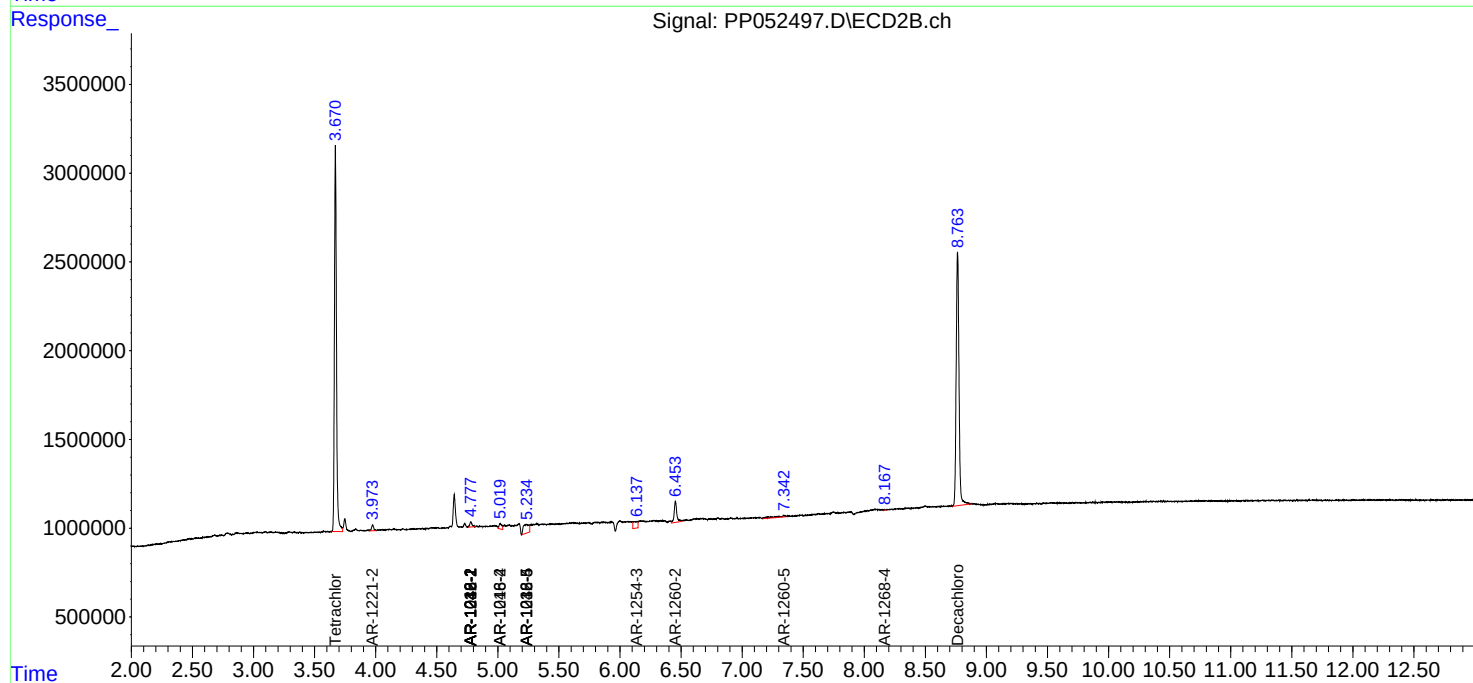
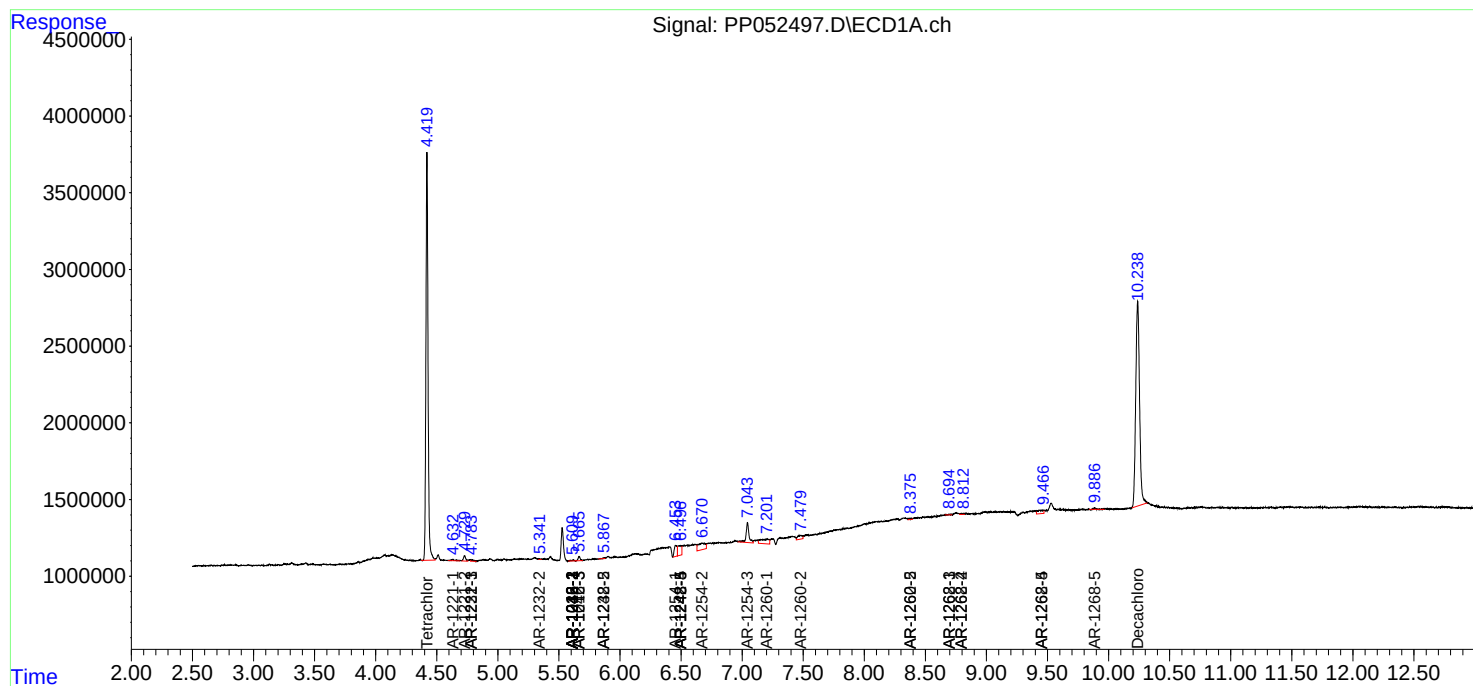
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

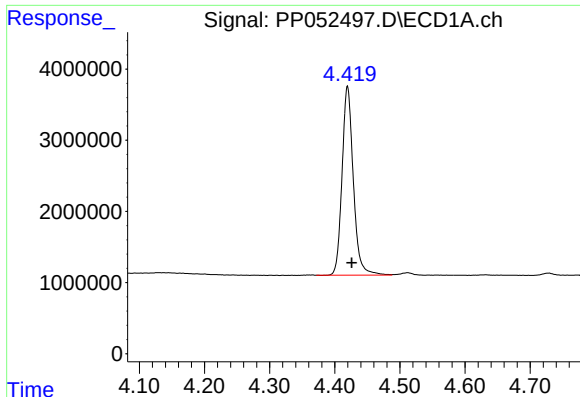
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101922\  
Data File : PP052497.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Oct 2022 21:41  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 19 22:36:03 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

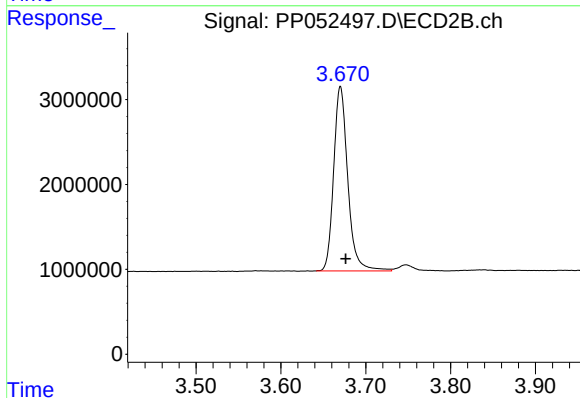




#1 Tetrachloro-m-xylene

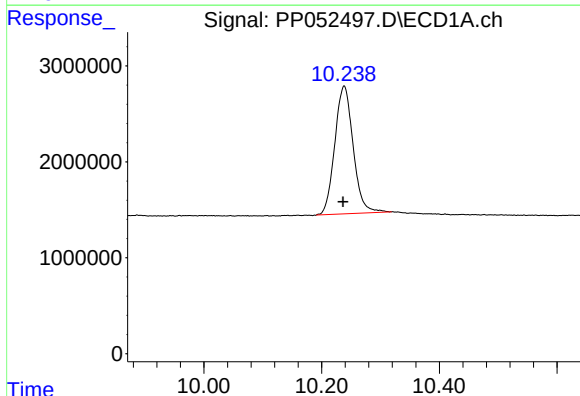
R.T.: 4.420 min  
Delta R.T.: -0.006 min  
Response: 31915781  
Conc: 20.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



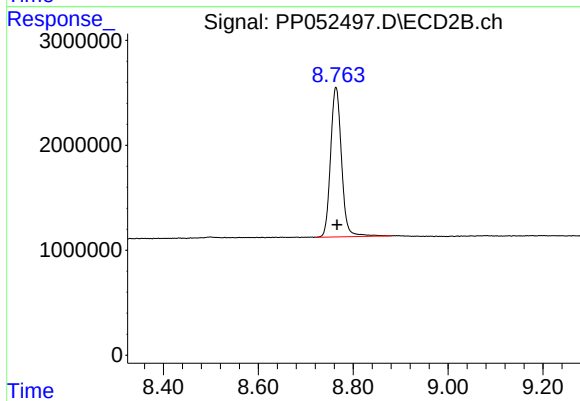
#1 Tetrachloro-m-xylene

R.T.: 3.670 min  
Delta R.T.: -0.006 min  
Response: 25155860  
Conc: 21.96 ng/ml



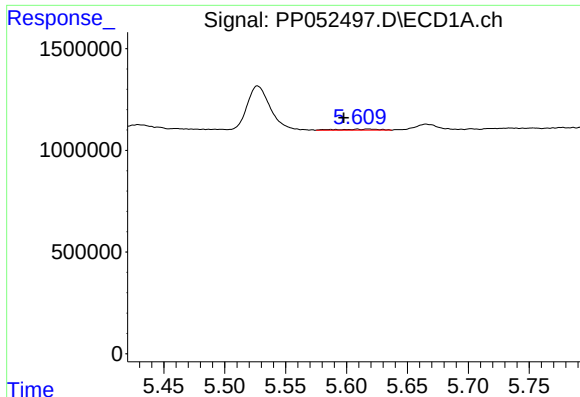
#2 Decachlorobiphenyl

R.T.: 10.238 min  
Delta R.T.: 0.002 min  
Response: 28967252  
Conc: 20.87 ng/ml



#2 Decachlorobiphenyl

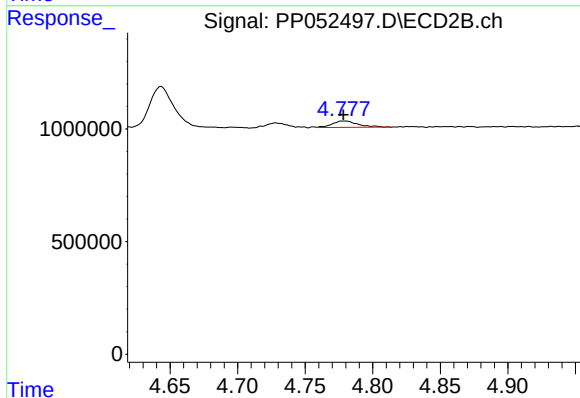
R.T.: 8.764 min  
Delta R.T.: -0.002 min  
Response: 22840598  
Conc: 20.44 ng/ml



#3 AR-1016-1

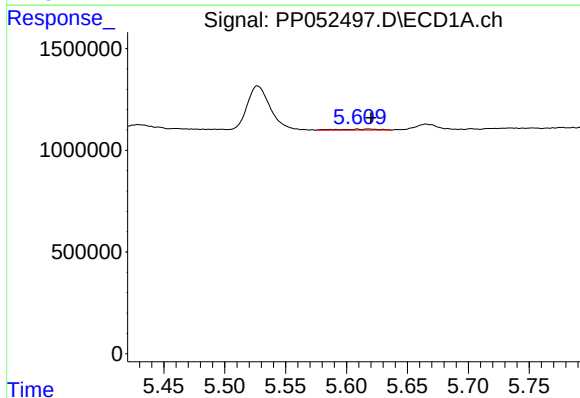
R.T.: 5.609 min  
Delta R.T.: 0.011 min  
Response: 113481  
Conc: 2.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



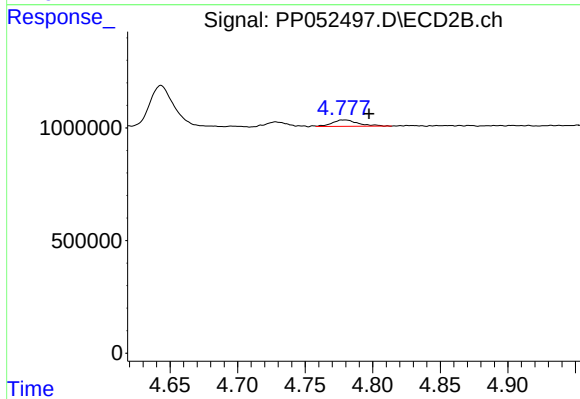
#3 AR-1016-1

R.T.: 4.779 min  
Delta R.T.: 0.000 min  
Response: 381865  
Conc: 8.59 ng/ml



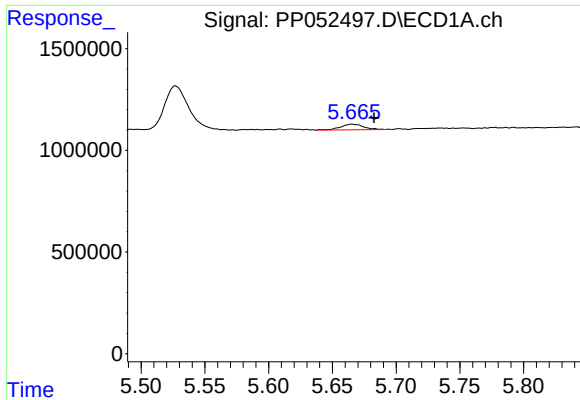
#4 AR-1016-2

R.T.: 5.609 min  
Delta R.T.: -0.011 min  
Response: 113481  
Conc: 1.72 ng/ml



#4 AR-1016-2

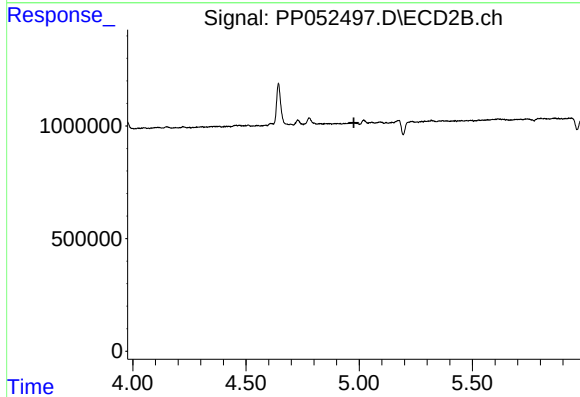
R.T.: 4.779 min  
Delta R.T.: -0.018 min  
Response: 381865  
Conc: 6.00 ng/ml



#5 AR-1016-3

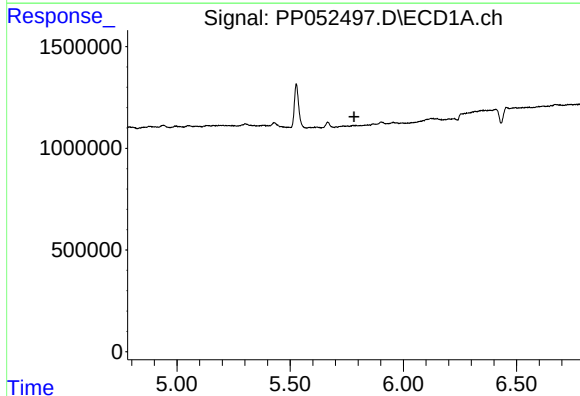
R.T.: 5.666 min  
Delta R.T.: -0.017 min  
Response: 347219  
Conc: 8.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



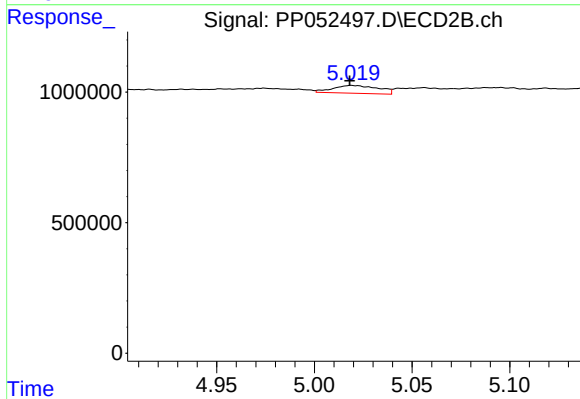
#5 AR-1016-3

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



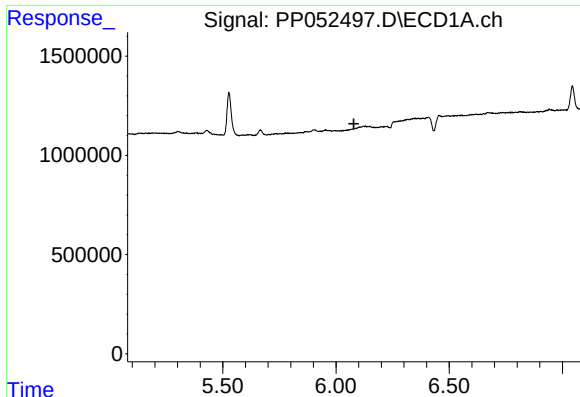
#6 AR-1016-4

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



#6 AR-1016-4

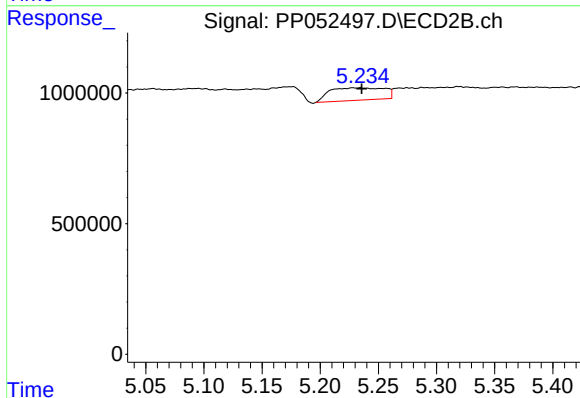
R.T.: 5.019 min  
Delta R.T.: 0.001 min  
Response: 490390  
Conc: 17.99 ng/ml



#7 AR-1016-5

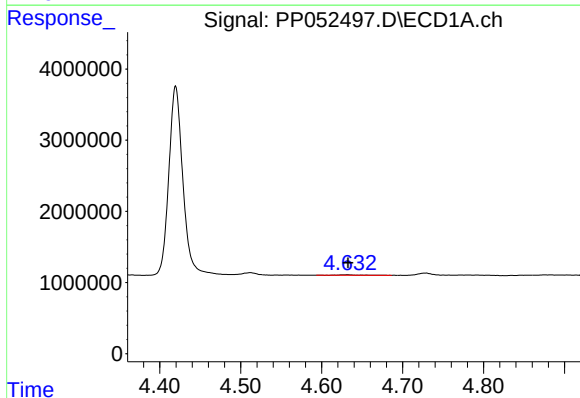
R.T.: 0.000 min  
Exp R.T.: 6.079 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



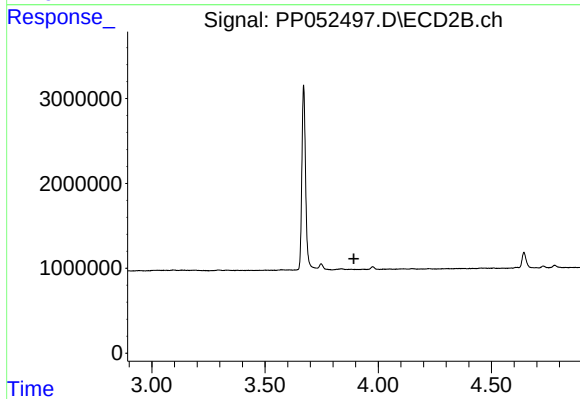
#7 AR-1016-5

R.T.: 5.235 min  
Delta R.T.: -0.001 min  
Response: 1559662  
Conc: 44.08 ng/ml



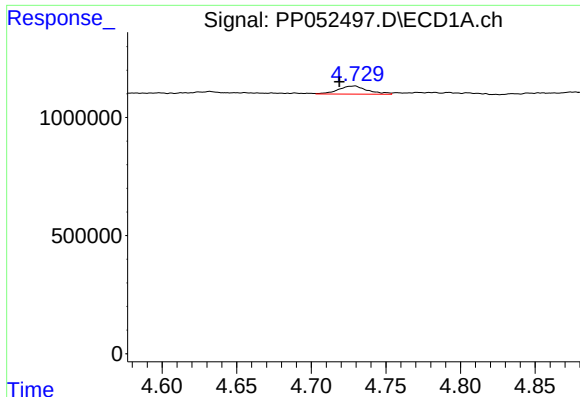
#8 AR-1221-1

R.T.: 4.632 min  
Delta R.T.: 0.000 min  
Response: 168662  
Conc: 8.16 ng/ml



#8 AR-1221-1

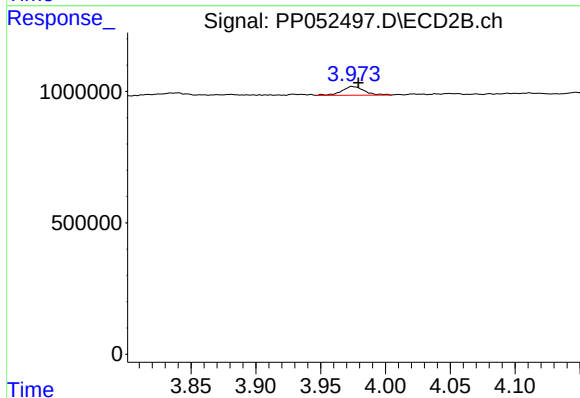
R.T.: 0.000 min  
Exp R.T.: 3.892 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

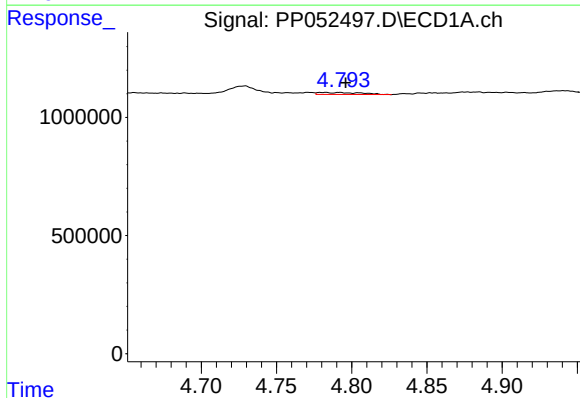
R.T.: 4.729 min  
Delta R.T.: 0.010 min  
Response: 465753  
Conc: 30.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



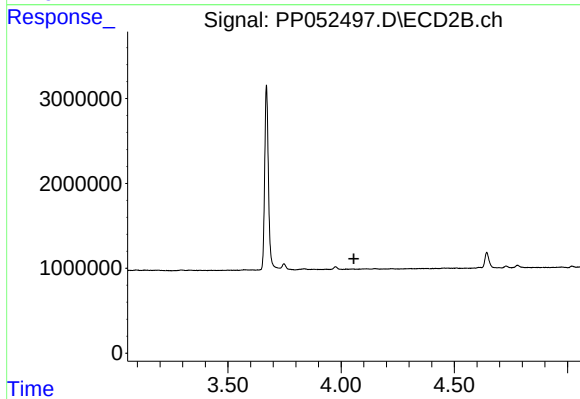
#9 AR-1221-2

R.T.: 3.975 min  
Delta R.T.: -0.004 min  
Response: 395294  
Conc: 32.96 ng/ml



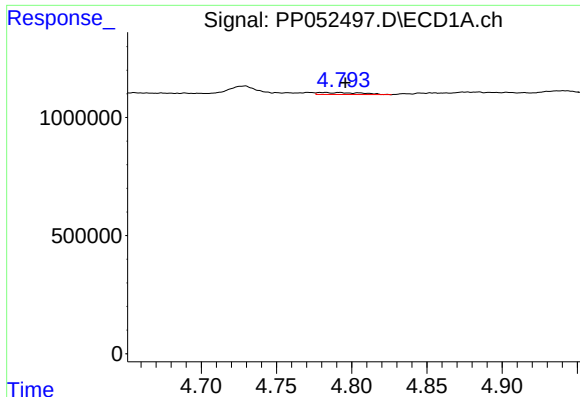
#10 AR-1221-3

R.T.: 4.783 min  
Delta R.T.: -0.013 min  
Response: 166508  
Conc: 3.56 ng/ml



#10 AR-1221-3

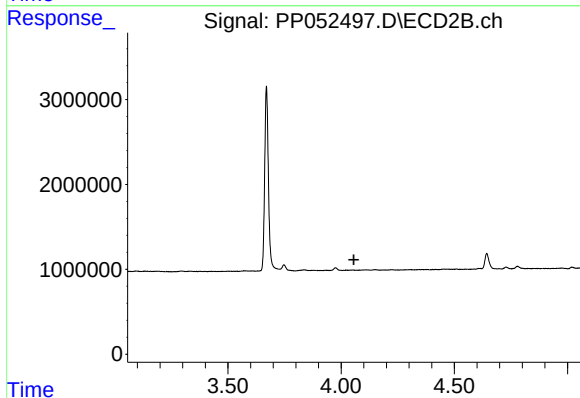
R.T.: 0.000 min  
Exp R.T. : 4.056 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

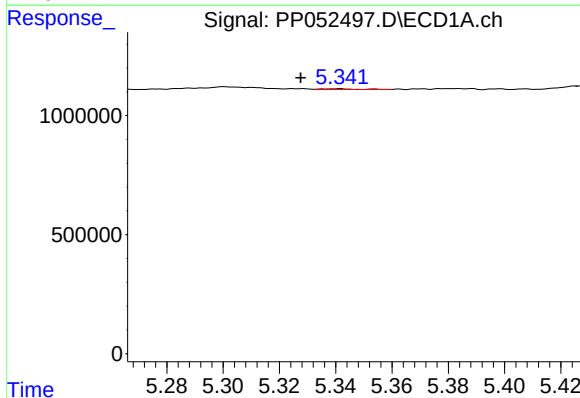
R.T.: 4.783 min  
Delta R.T.: -0.013 min  
Response: 166508  
Conc: 4.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



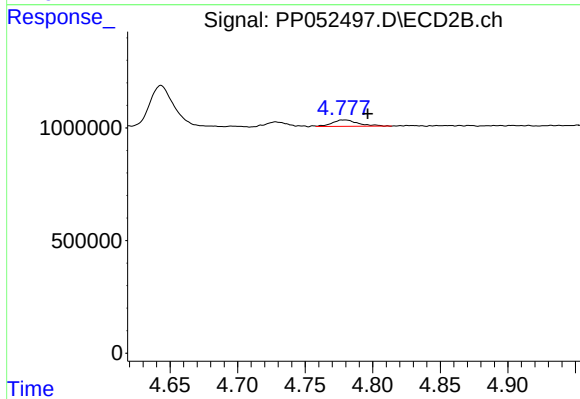
#11 AR-1232-1

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



#12 AR-1232-2

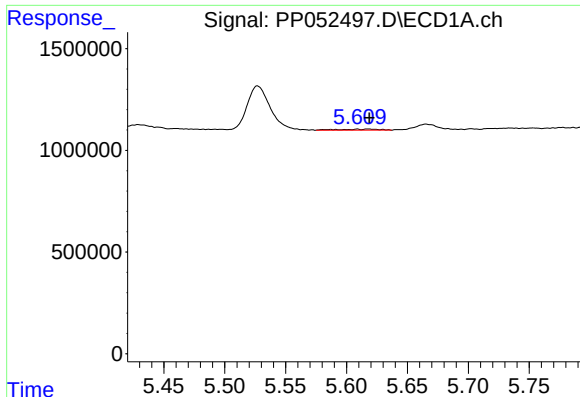
R.T.: 5.341 min  
Delta R.T.: 0.014 min  
Response: 24999  
Conc: 1.23 ng/ml



#12 AR-1232-2

R.T.: 4.779 min  
Delta R.T.: -0.017 min  
Response: 381865  
Conc: 12.75 ng/ml

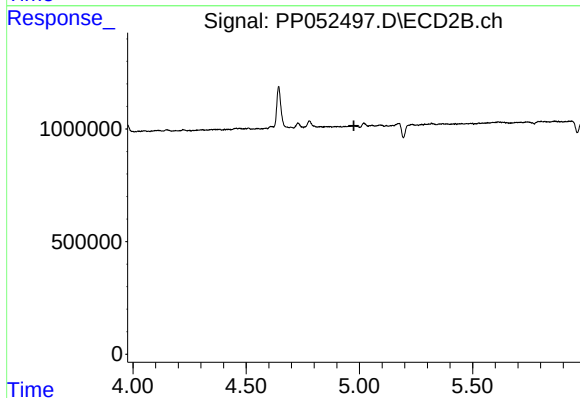




#13 AR-1232-3

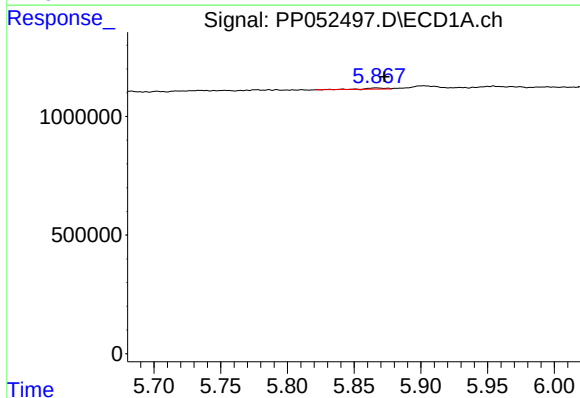
R.T.: 5.609 min  
Delta R.T.: -0.010 min  
Response: 113481  
Conc: 3.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



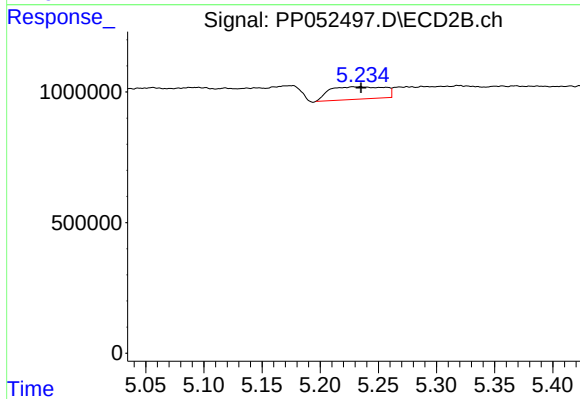
#13 AR-1232-3

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



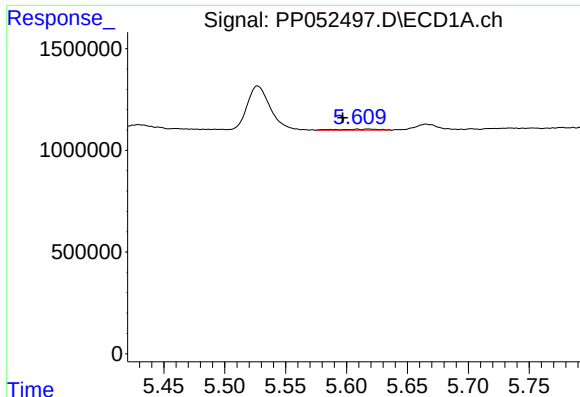
#15 AR-1232-5

R.T.: 5.867 min  
Delta R.T.: -0.006 min  
Response: 56497  
Conc: 3.77 ng/ml



#15 AR-1232-5

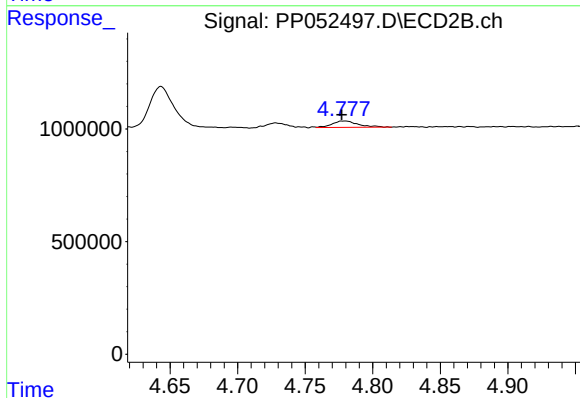
R.T.: 5.235 min  
Delta R.T.: 0.000 min  
Response: 1559662  
Conc: 98.52 ng/ml



#16 AR-1242-1

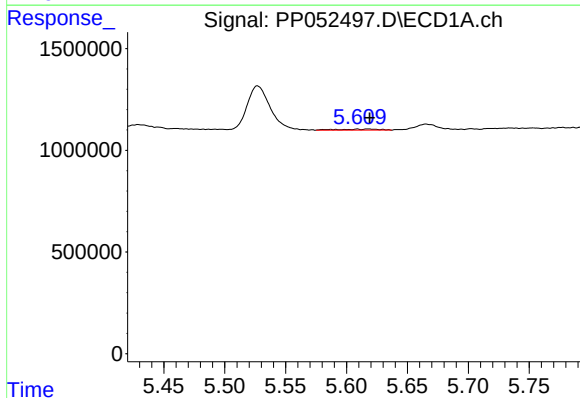
R.T.: 5.609 min  
Delta R.T.: 0.012 min  
Response: 113481  
Conc: 3.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



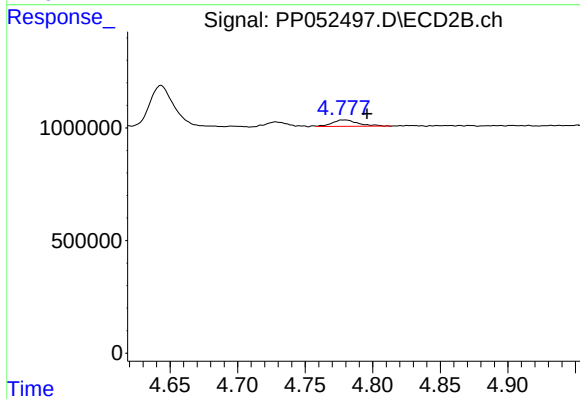
#16 AR-1242-1

R.T.: 4.779 min  
Delta R.T.: 0.002 min  
Response: 381865  
Conc: 10.97 ng/ml



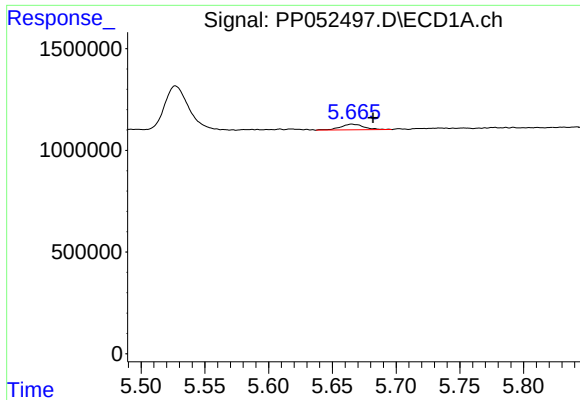
#17 AR-1242-2

R.T.: 5.609 min  
Delta R.T.: -0.010 min  
Response: 113481  
Conc: 2.29 ng/ml



#17 AR-1242-2

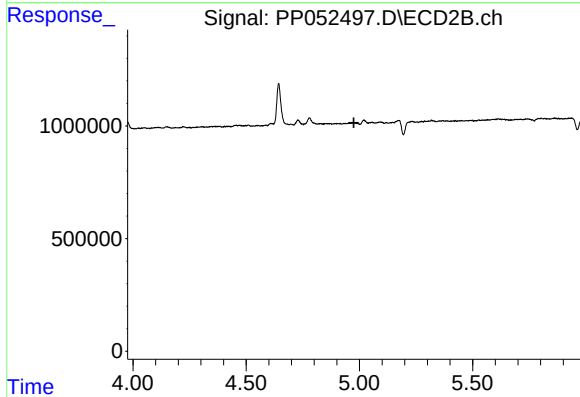
R.T.: 4.779 min  
Delta R.T.: -0.017 min  
Response: 381865  
Conc: 7.74 ng/ml



#18 AR-1242-3

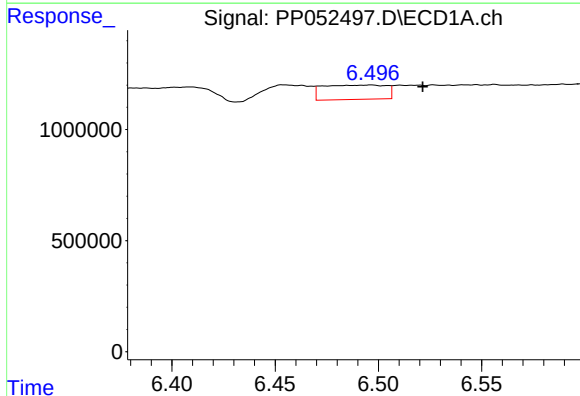
R.T.: 5.666 min  
Delta R.T.: -0.016 min  
Response: 347219  
Conc: 10.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



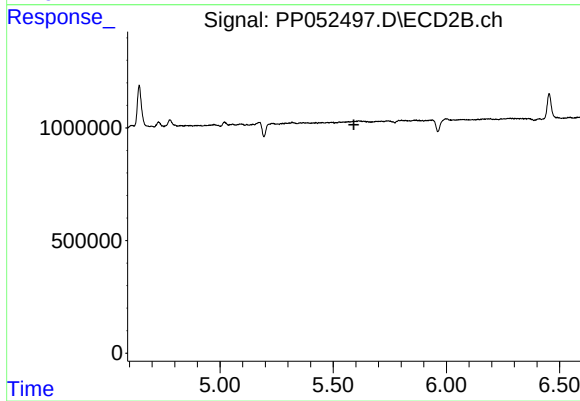
#18 AR-1242-3

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



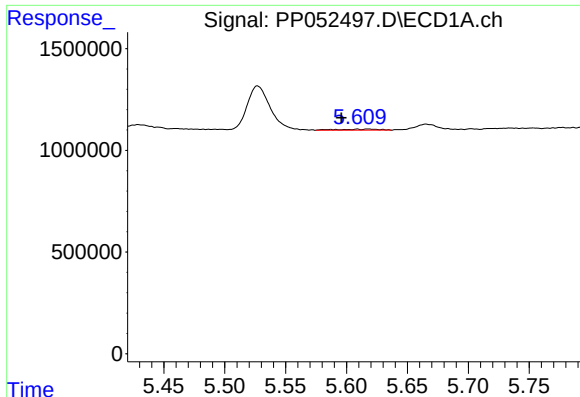
#20 AR-1242-5

R.T.: 6.495 min  
Delta R.T.: -0.026 min  
Response: 1370467  
Conc: 36.86 ng/ml



#20 AR-1242-5

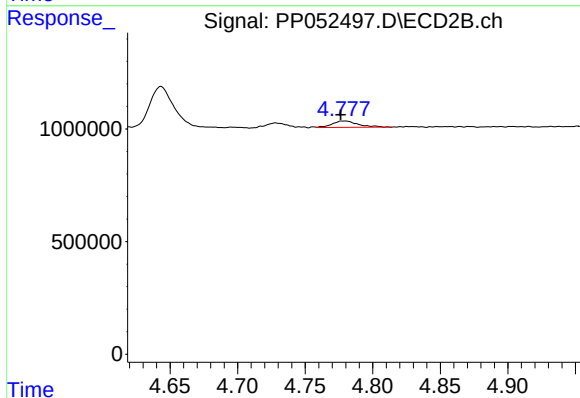
R.T.: 0.000 min  
Exp R.T. : 5.591 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

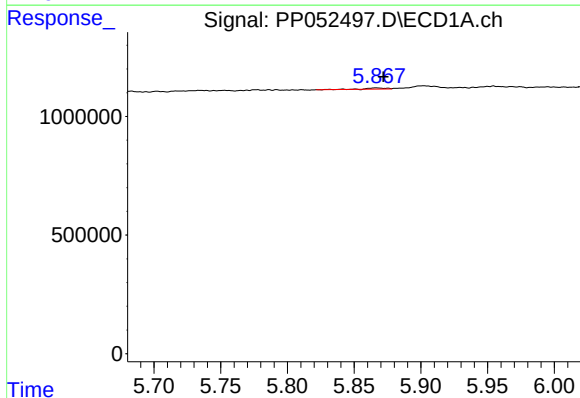
R.T.: 5.609 min  
Delta R.T.: 0.013 min  
Response: 113481  
Conc: 4.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



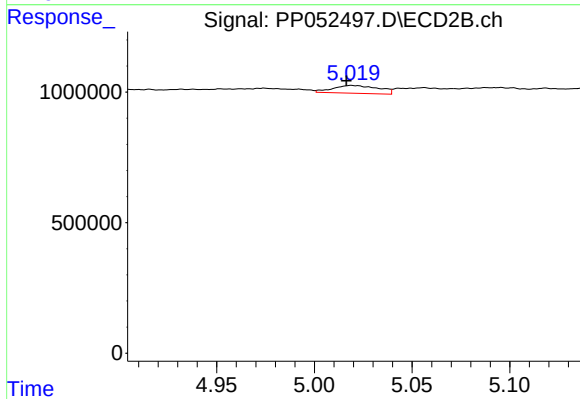
#21 AR-1248-1

R.T.: 4.779 min  
Delta R.T.: 0.003 min  
Response: 381865  
Conc: 14.09 ng/ml



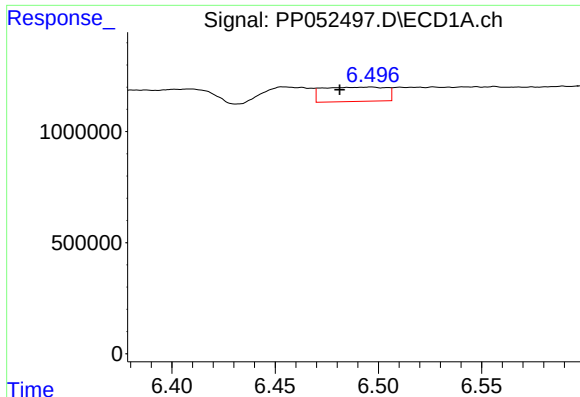
#22 AR-1248-2

R.T.: 5.867 min  
Delta R.T.: -0.005 min  
Response: 56497  
Conc: 1.22 ng/ml



#22 AR-1248-2

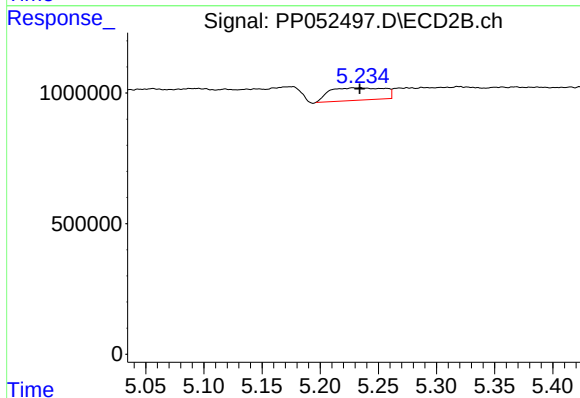
R.T.: 5.019 min  
Delta R.T.: 0.003 min  
Response: 490390  
Conc: 13.18 ng/ml



#24 AR-1248-4

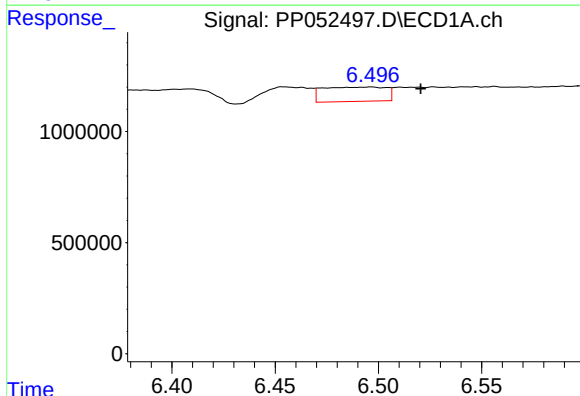
R.T.: 6.495 min  
Delta R.T.: 0.014 min  
Response: 1370467  
Conc: 21.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



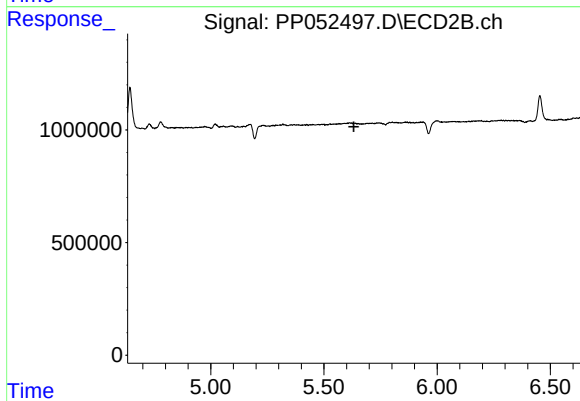
#24 AR-1248-4

R.T.: 5.235 min  
Delta R.T.: 0.000 min  
Response: 1559662  
Conc: 33.66 ng/ml



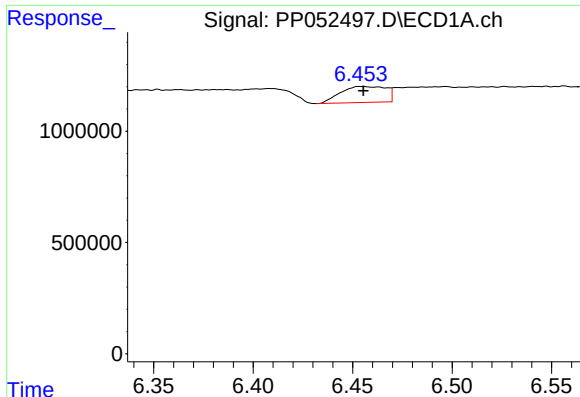
#25 AR-1248-5

R.T.: 6.495 min  
Delta R.T.: -0.025 min  
Response: 1370467  
Conc: 22.13 ng/ml



#25 AR-1248-5

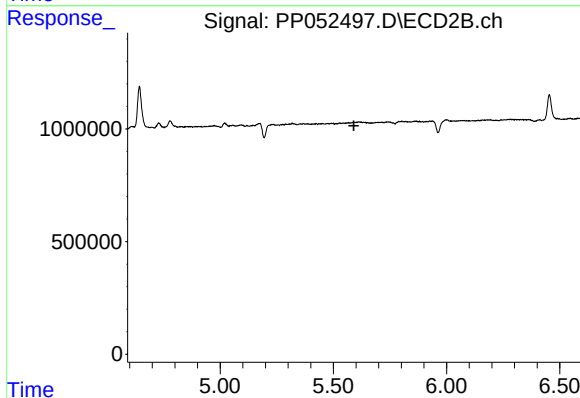
R.T.: 0.000 min  
Exp R.T.: 5.632 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

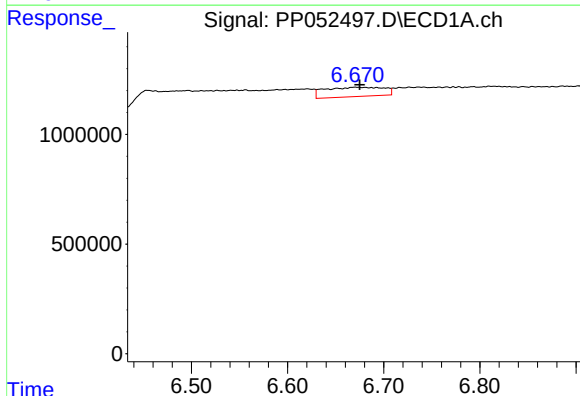
R.T.: 6.456 min  
Delta R.T.: 0.000 min  
Response: 1145199  
Conc: 16.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



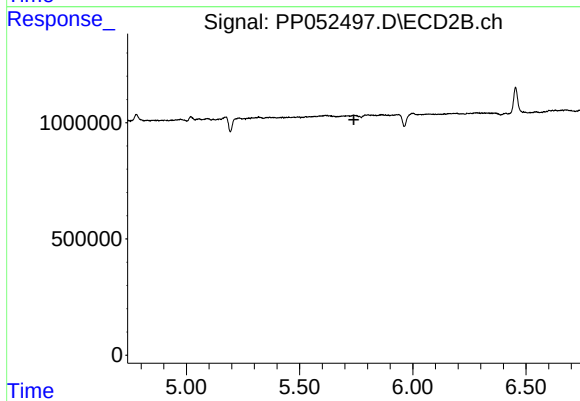
#26 AR-1254-1

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



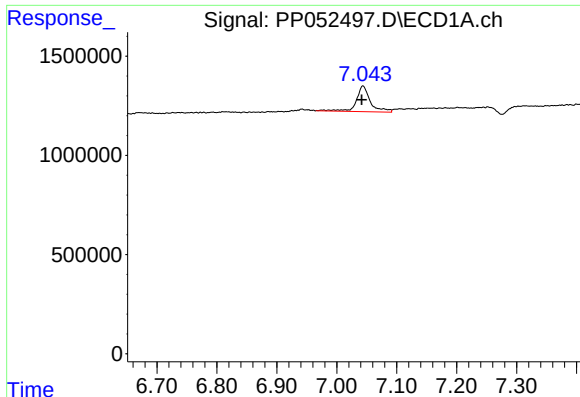
#27 AR-1254-2

R.T.: 6.671 min  
Delta R.T.: -0.004 min  
Response: 1818935  
Conc: 17.05 ng/ml



#27 AR-1254-2

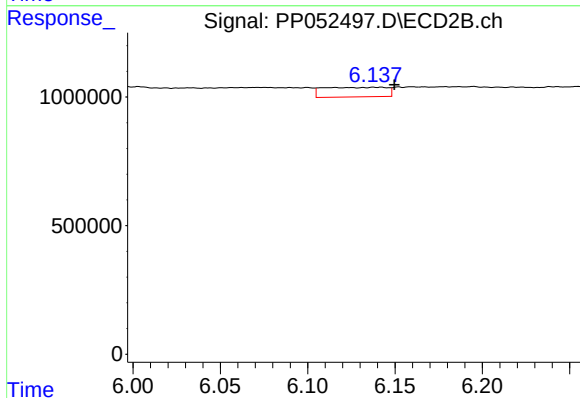
R.T.: 0.000 min  
Exp R.T. : 5.740 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

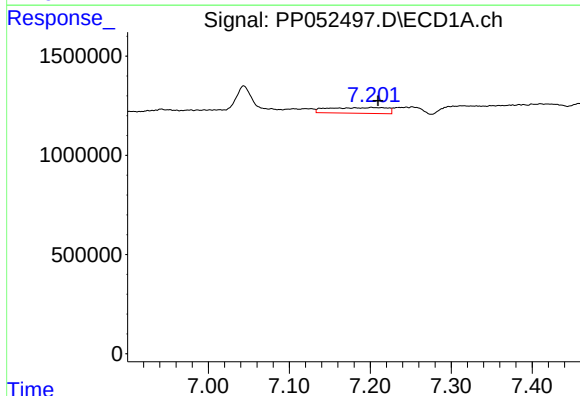
R.T.: 7.044 min  
Delta R.T.: 0.002 min  
Response: 2125567  
Conc: 20.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



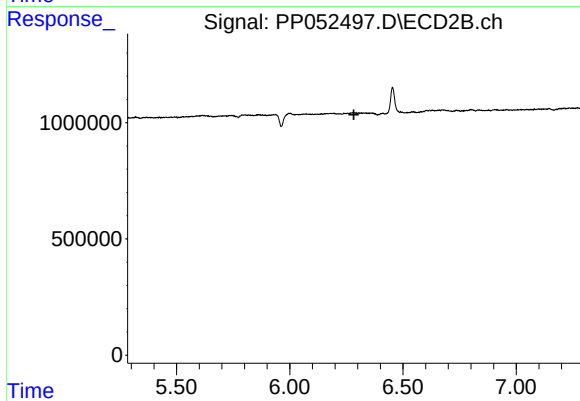
#28 AR-1254-3

R.T.: 6.138 min  
Delta R.T.: -0.012 min  
Response: 942751  
Conc: 9.53 ng/ml



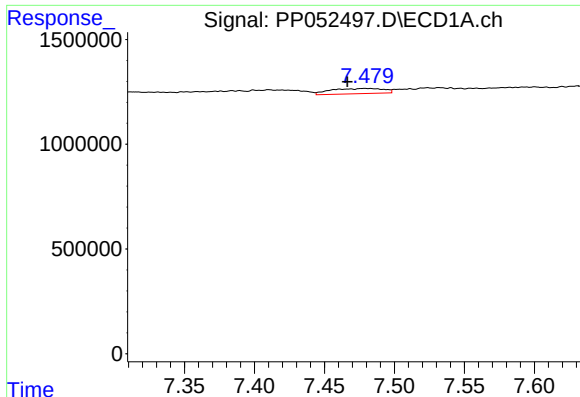
#31 AR-1260-1

R.T.: 7.202 min  
Delta R.T.: -0.007 min  
Response: 1451796  
Conc: 17.52 ng/ml



#31 AR-1260-1

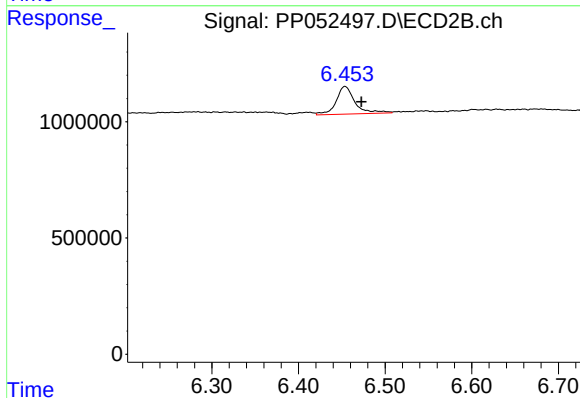
R.T.: 0.000 min  
Exp R.T.: 6.283 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

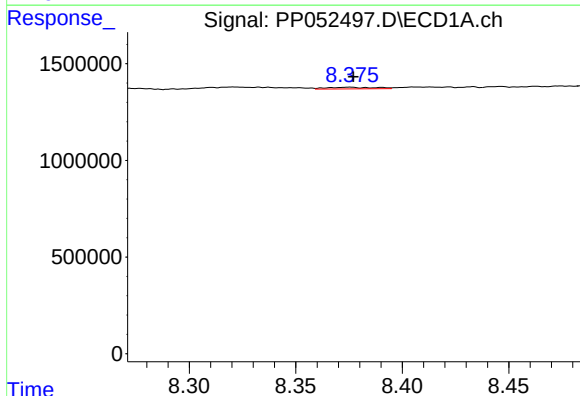
R.T.: 7.480 min  
Delta R.T.: 0.014 min  
Response: 657337  
Conc: 6.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



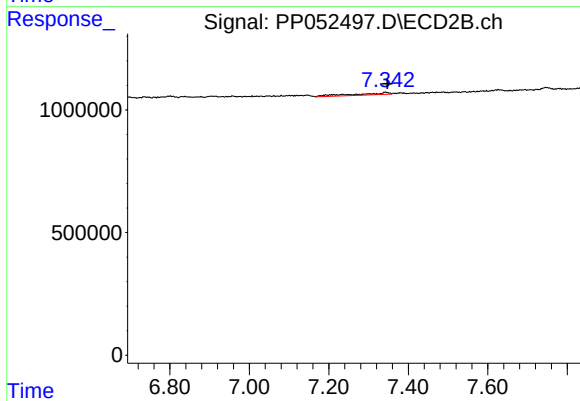
#32 AR-1260-2

R.T.: 6.454 min  
Delta R.T.: -0.019 min  
Response: 1797477  
Conc: 21.72 ng/ml



#35 AR-1260-5

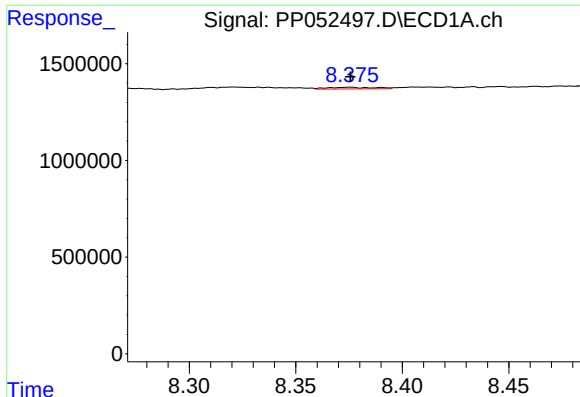
R.T.: 8.375 min  
Delta R.T.: -0.002 min  
Response: 134529  
Conc: 0.98 ng/ml



#35 AR-1260-5

R.T.: 7.343 min  
Delta R.T.: -0.005 min  
Response: 493770  
Conc: 3.74 ng/ml

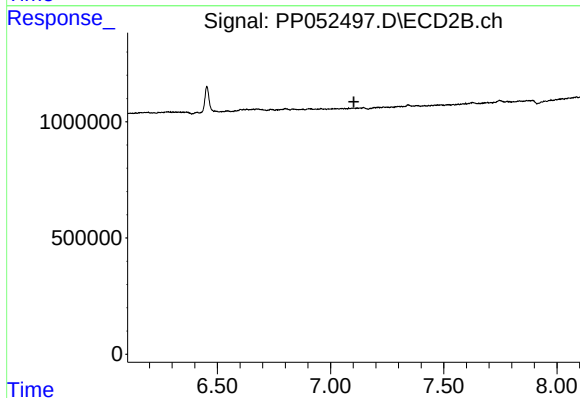




#37 AR-1262-2

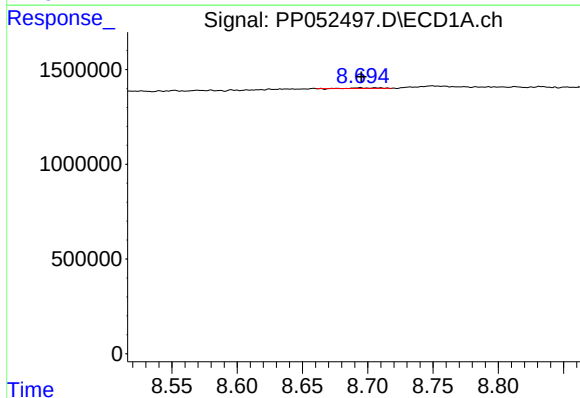
R.T.: 8.375 min  
Delta R.T.: 0.000 min  
Response: 134529  
Conc: 0.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



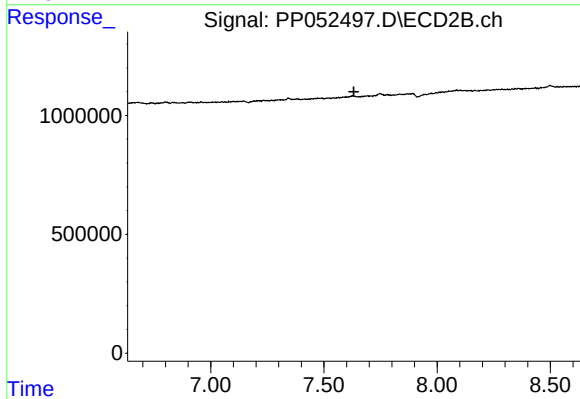
#37 AR-1262-2

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



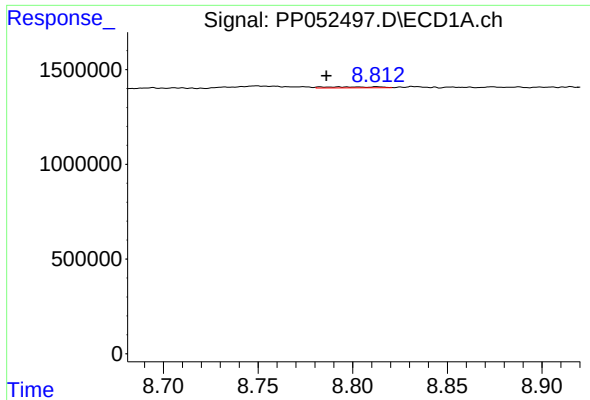
#38 AR-1262-3

R.T.: 8.694 min  
Delta R.T.: -0.002 min  
Response: 36977  
Conc: 0.34 ng/ml



#38 AR-1262-3

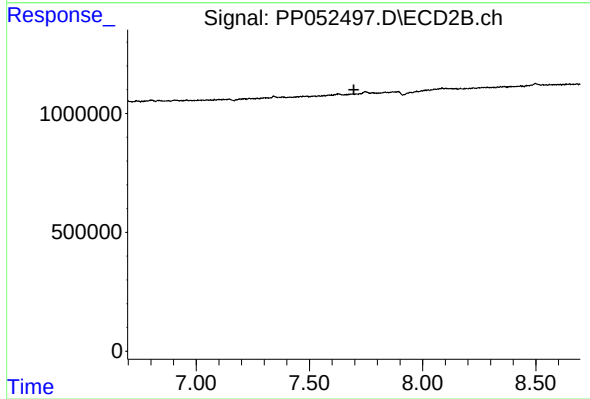
R.T.: 0.000 min  
Exp R.T. : 7.632 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

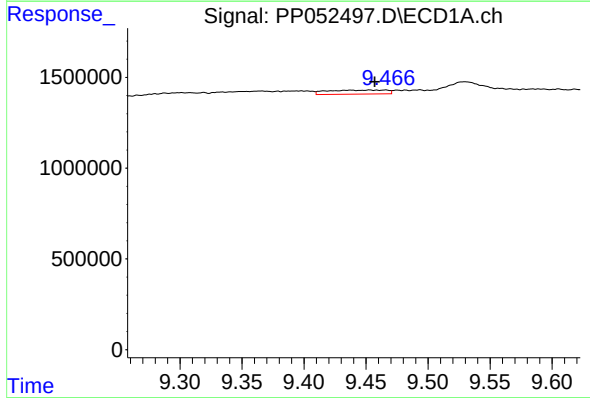
R.T.: 8.795 min  
Delta R.T.: 0.009 min  
Response: 106861  
Conc: 2.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



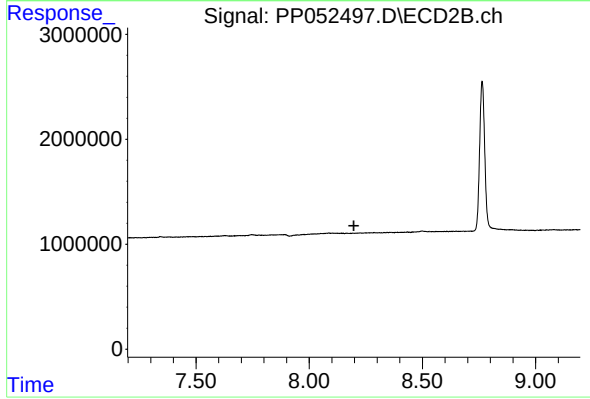
#39 AR-1262-4

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



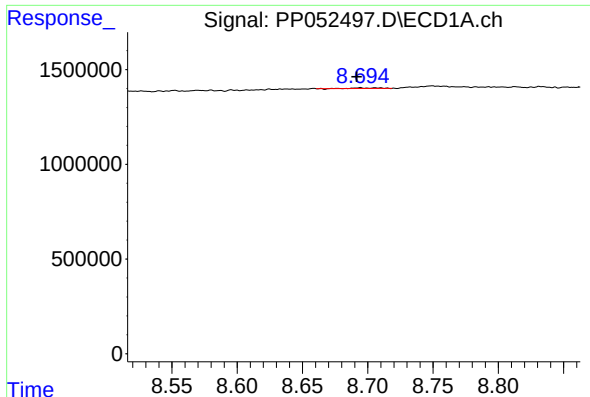
#40 AR-1262-5

R.T.: 9.454 min  
Delta R.T.: -0.003 min  
Response: 739062  
Conc: 11.74 ng/ml



#40 AR-1262-5

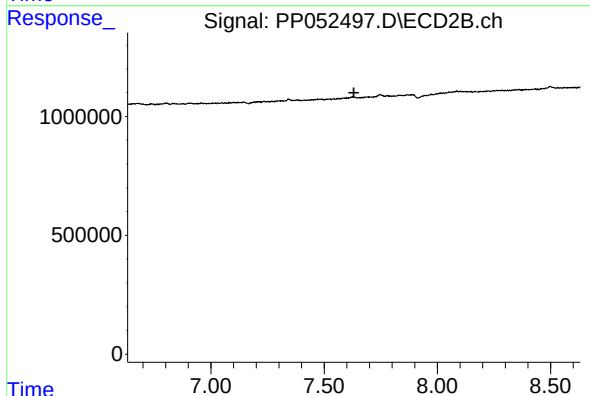
R.T.: 0.000 min  
Exp R.T. : 8.197 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

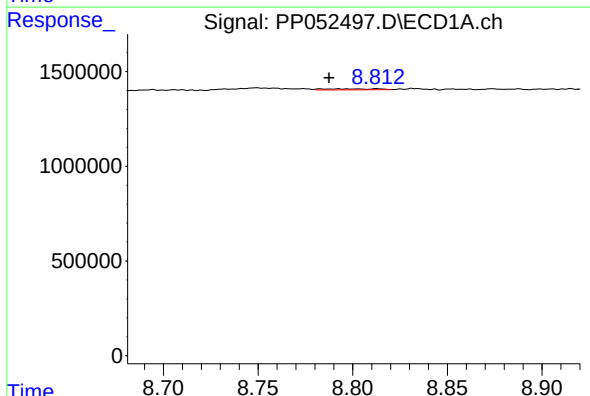
R.T.: 8.694 min  
Delta R.T.: 0.002 min  
Response: 36977  
Conc: 0.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



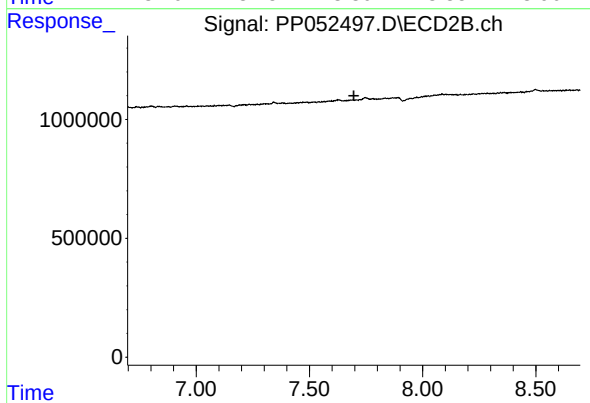
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 7.631 min  
Response: 0  
Conc: N.D.



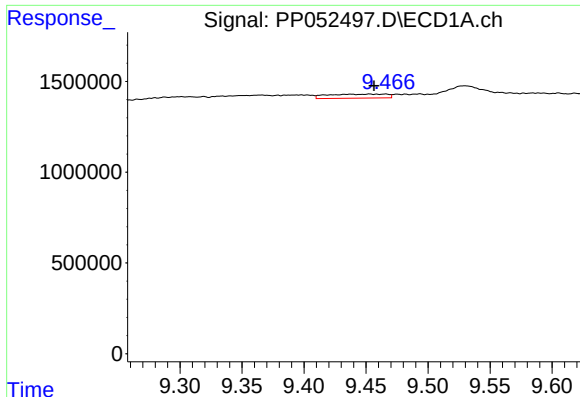
#42 AR-1268-2

R.T.: 8.795 min  
Delta R.T.: 0.008 min  
Response: 106861  
Conc: 0.58 ng/ml



#42 AR-1268-2

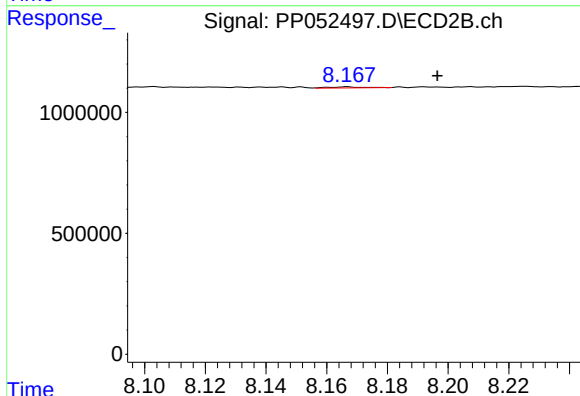
R.T.: 0.000 min  
Exp R.T. : 7.696 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

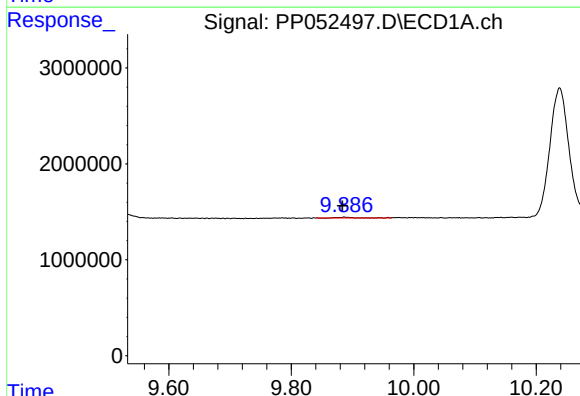
R.T.: 9.454 min  
Delta R.T.: -0.003 min  
Response: 739062  
Conc: 10.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



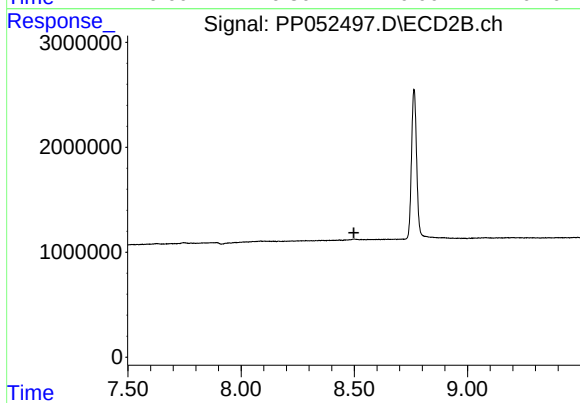
#44 AR-1268-4

R.T.: 8.167 min  
Delta R.T.: -0.030 min  
Response: 33871  
Conc: 0.60 ng/ml



#45 AR-1268-5

R.T.: 9.887 min  
Delta R.T.: 0.004 min  
Response: 116219  
Conc: 0.22 ng/ml



#45 AR-1268-5

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