

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP083122\  
 Data File : PP051124.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Sep 2022 04:48  
 Operator : YP\AJ  
 Sample : N4448-23  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 01 06:37:10 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP082622.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 26 17:33:33 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... | 4.461  | 3.716  | 34158972 | 37850761 | 18.330  | 21.480   |
| 2)                          | SA Decachlor... | 10.261 | 8.796  | 43784822 | 27957412 | 24.271  | 26.170   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 5.630  | 4.820  | 167034   | 135025   | 2.765   | 2.766    |
| 4)                          | L1 AR-1016-2    | 5.630f | 4.820f | 167034   | 135025   | 1.900   | 1.922    |
| 5)                          | L1 AR-1016-3    | 5.735f | 0.000  | 162238   | 0        | 2.873   | N.D. #   |
| 7)                          | L1 AR-1016-5    | 6.119  | 5.266  | 338013   | 492775   | 6.747   | 11.535 # |
| 8)                          | L2 AR-1221-1    | 4.685  | 0.000  | 2881146  | 0        | 125.264 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.768  | 4.021  | 780267   | 538215   | 45.259  | 36.760   |
| 10)                         | L2 AR-1221-3    | 4.830  | 0.000  | 193027   | 0        | 3.743   | N.D. #   |
| 11)                         | L3 AR-1232-1    | 4.830  | 0.000  | 193027   | 0        | 4.626   | N.D. #   |
| 12)                         | L3 AR-1232-2    | 5.392f | 4.820f | 848873   | 135025   | 38.056  | 4.360 #  |
| 13)                         | L3 AR-1232-3    | 5.630f | 0.000  | 167034   | 0        | 4.316   | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.903  | 5.266f | 86584    | 492775   | 4.729   | 26.924 # |
| 16)                         | L4 AR-1242-1    | 5.630  | 4.820  | 167034   | 135025   | 3.380   | 3.366    |
| 17)                         | L4 AR-1242-2    | 5.630f | 4.820f | 167034   | 135025   | 2.339   | 2.368    |
| 18)                         | L4 AR-1242-3    | 5.735  | 0.000  | 162238   | 0        | 3.543   | N.D. #   |
| 21)                         | L5 AR-1248-1    | 5.630  | 4.820  | 167034   | 135025   | 4.163   | 4.128    |
| 22)                         | L5 AR-1248-2    | 5.903  | 0.000  | 86584    | 0        | 1.297   | N.D. #   |
| 23)                         | L5 AR-1248-3    | 6.119  | 0.000  | 338013   | 0        | 4.742   | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.523  | 5.266f | 2060134  | 492775   | 29.865  | 8.315 #  |
| 26)                         | L6 AR-1254-1    | 6.523f | 0.000  | 2060134  | 0        | 25.849  | N.D. #   |
| 27)                         | L6 AR-1254-2    | 6.703  | 0.000  | 681783   | 0        | 5.774   | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.076  | 6.219f | 617688   | 282208   | 5.398   | 2.634 #  |
| 29)                         | L6 AR-1254-4    | 7.361  | 0.000  | 1690403  | 0        | 24.547  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 7.226f | 6.352f | 884356   | 309893   | 9.340   | 4.100 #  |
| 32)                         | L7 AR-1260-2    | 7.525f | 6.527f | 877637   | 520638   | 8.675   | 6.200 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.661  | 0        | 1995948  | N.D.    | 23.991 # |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.150  | 0        | 65439    | N.D.    | 1.026 #  |
| 35)                         | L7 AR-1260-5    | 8.414  | 7.372  | 605964   | 234004   | 3.956   | 1.870 #  |
| 37)                         | L8 AR-1262-2    | 8.414  | 7.150  | 605964   | 65439    | 3.685   | 0.800 #  |
| 38)                         | L8 AR-1262-3    | 8.724  | 7.666  | 42068    | 435226   | 0.355   | 8.597 #  |
| 39)                         | L8 AR-1262-4    | 8.811  | 0.000  | 433364   | 0        | 6.794   | N.D. #   |
| 41)                         | L9 AR-1268-1    | 8.724  | 7.666  | 42068    | 435226   | 0.185   | 2.735 #  |
| 42)                         | L9 AR-1268-2    | 8.811  | 0.000  | 433364   | 0        | 2.150   | N.D. #   |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.935  | 0        | 962026   | N.D.    | 7.335 #  |
| 45)                         | L9 AR-1268-5    | 9.914  | 0.000  | 375186   | 0        | 0.692   | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

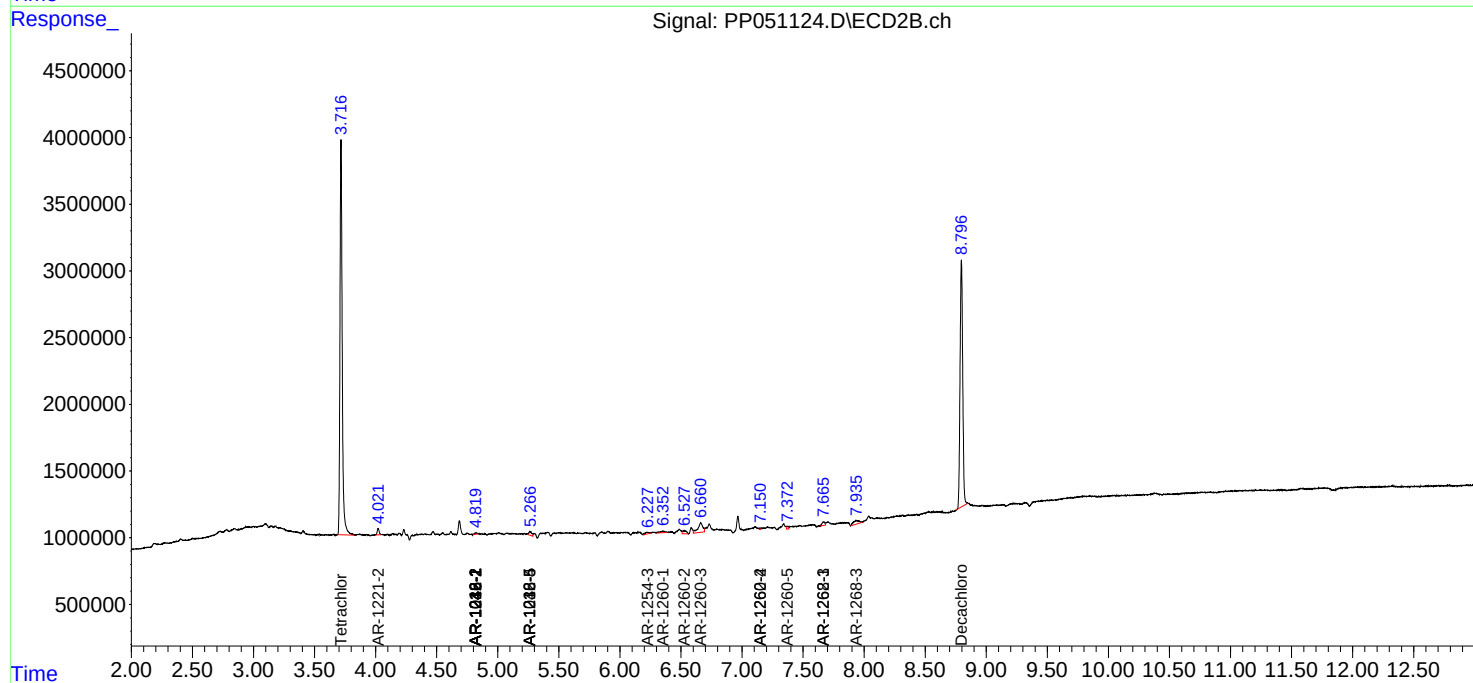
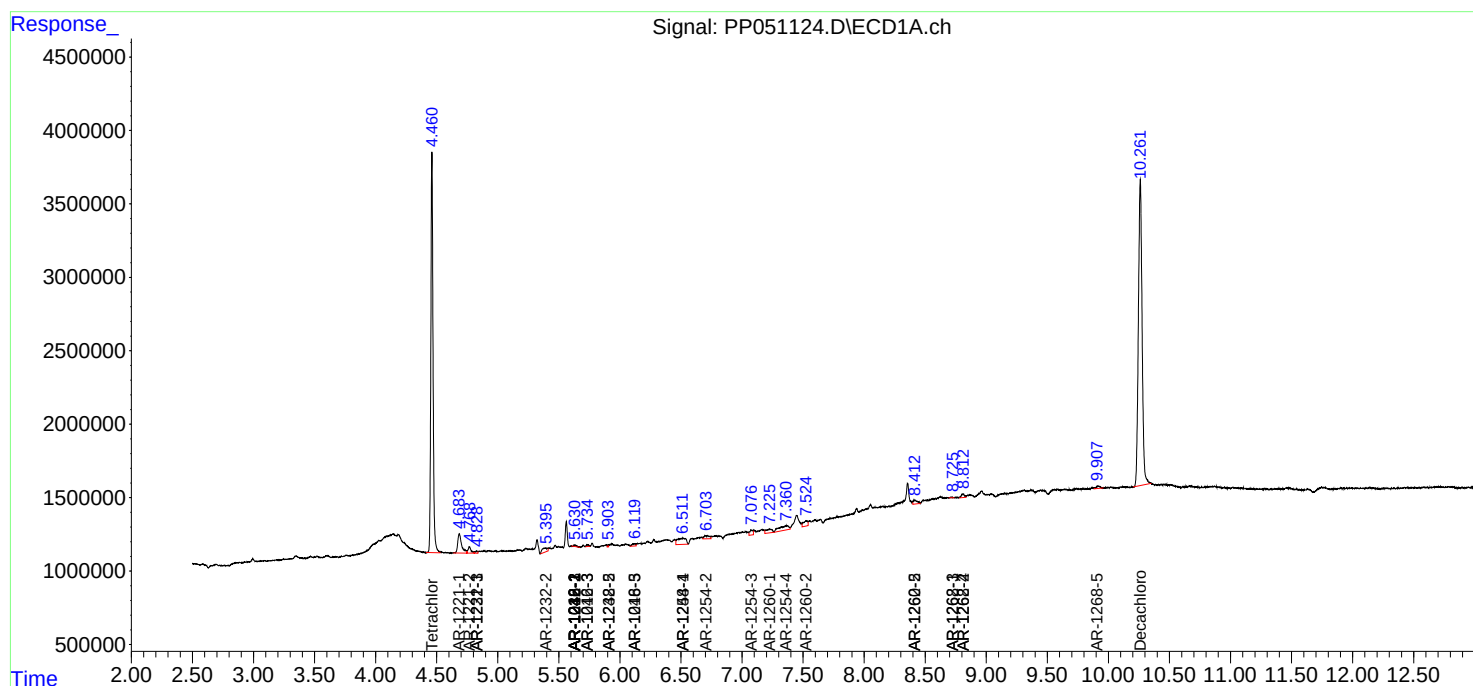
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

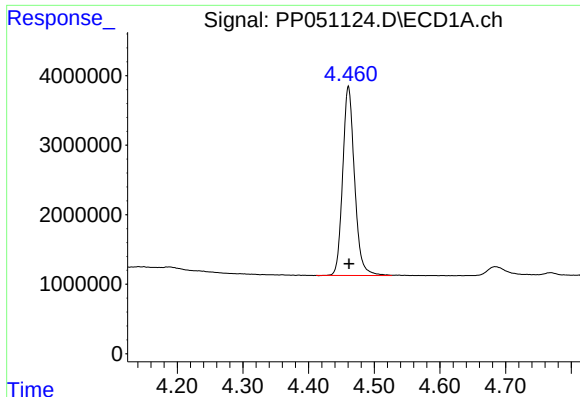
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP083122\  
Data File : PP051124.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Sep 2022 04:48  
Operator : YP\AJ  
Sample : N4448-23  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 01 06:37:10 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP082622.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 26 17:33:33 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

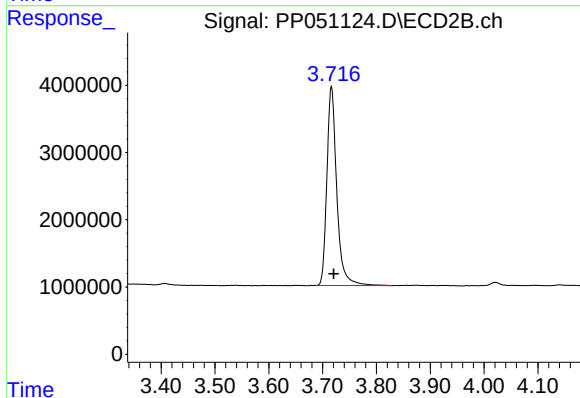




#1 Tetrachloro-m-xylene

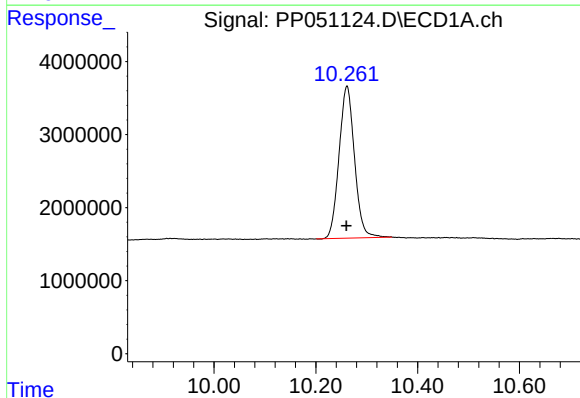
R.T.: 4.461 min  
Delta R.T.: -0.001 min  
Response: 34158972  
Conc: 18.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



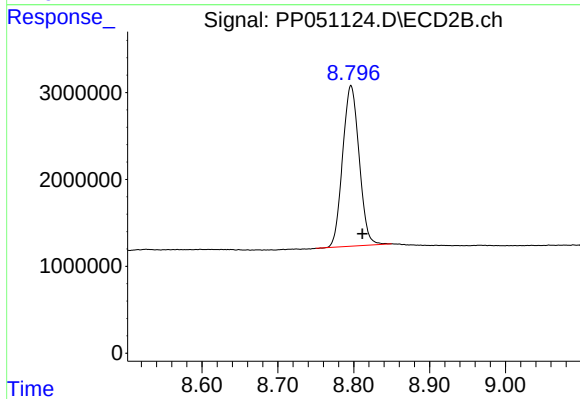
#1 Tetrachloro-m-xylene

R.T.: 3.716 min  
Delta R.T.: -0.004 min  
Response: 37850761  
Conc: 21.48 ng/ml



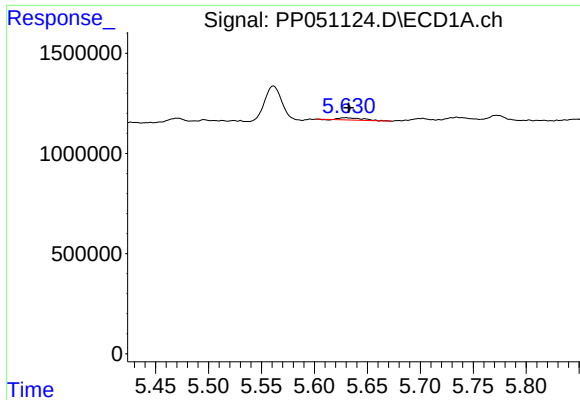
#2 Decachlorobiphenyl

R.T.: 10.261 min  
Delta R.T.: 0.000 min  
Response: 43784822  
Conc: 24.27 ng/ml



#2 Decachlorobiphenyl

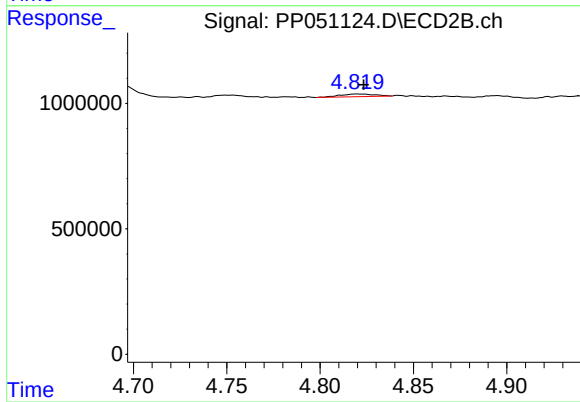
R.T.: 8.796 min  
Delta R.T.: -0.015 min  
Response: 27957412  
Conc: 26.17 ng/ml



#3 AR-1016-1

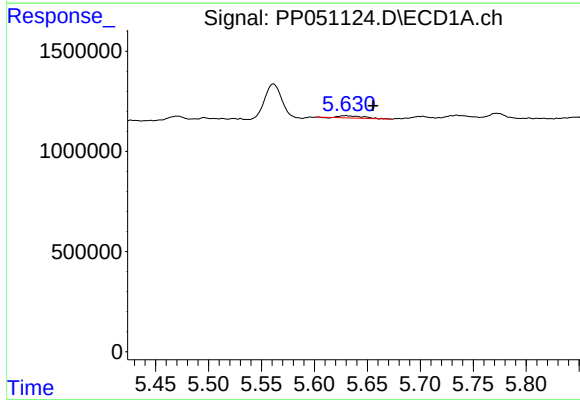
R.T.: 5.630 min  
Delta R.T.: -0.003 min  
Response: 167034  
Conc: 2.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



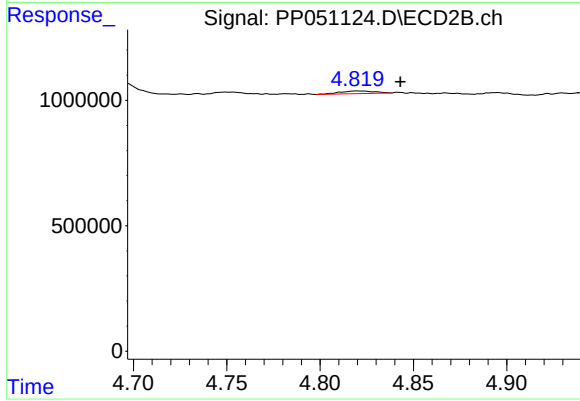
#3 AR-1016-1

R.T.: 4.820 min  
Delta R.T.: -0.004 min  
Response: 135025  
Conc: 2.77 ng/ml



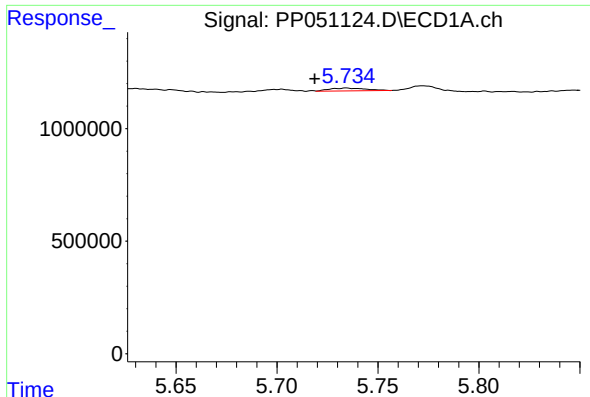
#4 AR-1016-2

R.T.: 5.630 min  
Delta R.T.: -0.026 min  
Response: 167034  
Conc: 1.90 ng/ml



#4 AR-1016-2

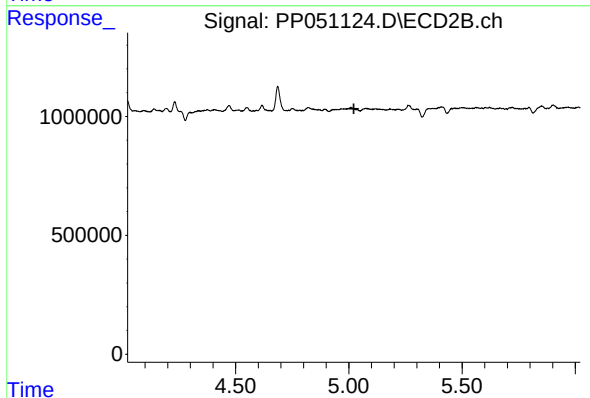
R.T.: 4.820 min  
Delta R.T.: -0.024 min  
Response: 135025  
Conc: 1.92 ng/ml



#5 AR-1016-3

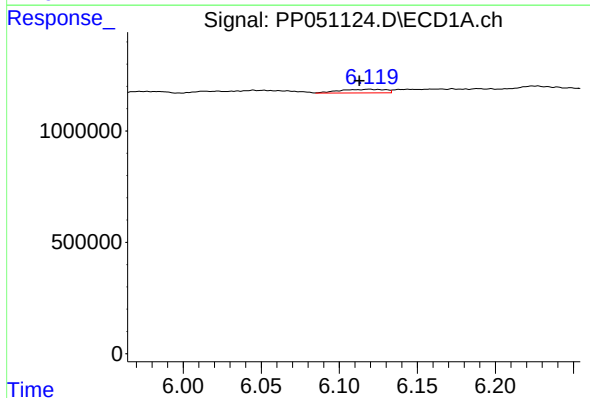
R.T.: 5.735 min  
Delta R.T.: 0.016 min  
Response: 162238  
Conc: 2.87 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



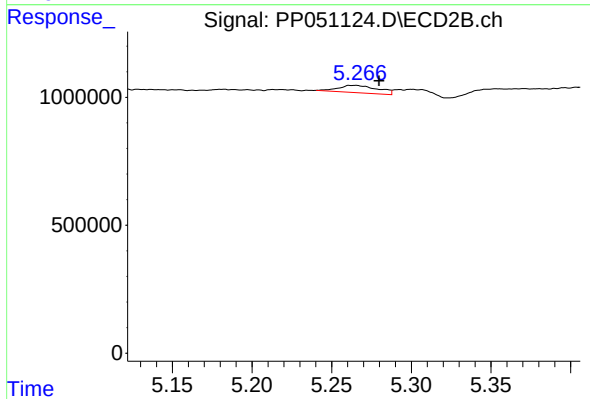
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.022 min  
Response: 0  
Conc: N.D.



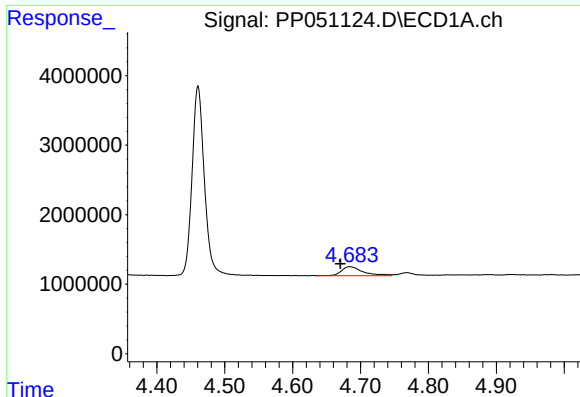
#7 AR-1016-5

R.T.: 6.119 min  
Delta R.T.: 0.006 min  
Response: 338013  
Conc: 6.75 ng/ml



#7 AR-1016-5

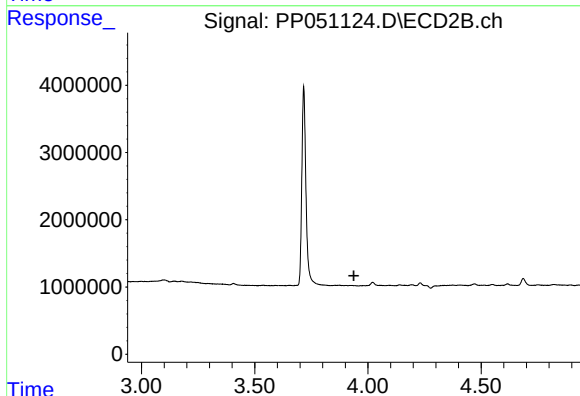
R.T.: 5.266 min  
Delta R.T.: -0.014 min  
Response: 492775  
Conc: 11.53 ng/ml



#8 AR-1221-1

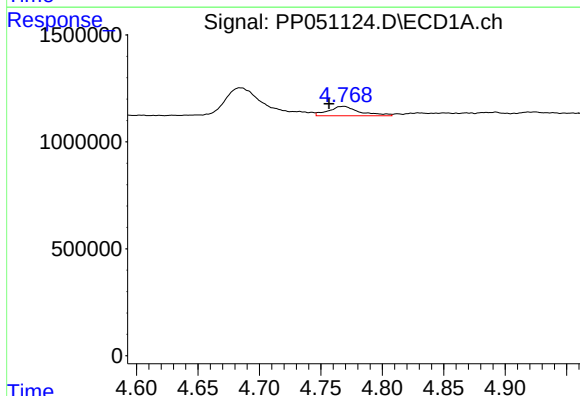
R.T.: 4.685 min  
Delta R.T.: 0.014 min  
Response: 2881146  
Conc: 125.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



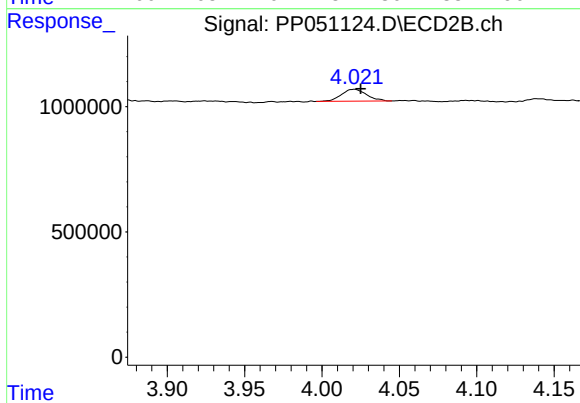
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 3.938 min  
Response: 0  
Conc: N.D.



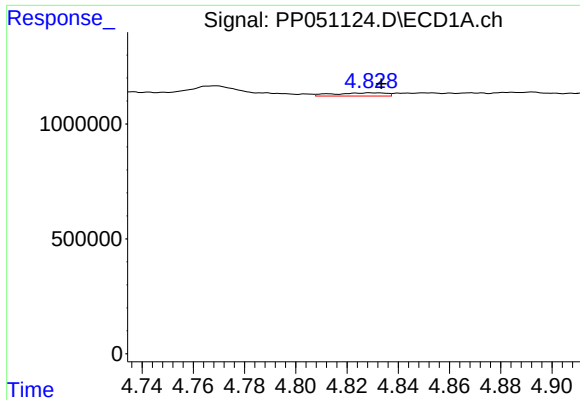
#9 AR-1221-2

R.T.: 4.768 min  
Delta R.T.: 0.012 min  
Response: 780267  
Conc: 45.26 ng/ml



#9 AR-1221-2

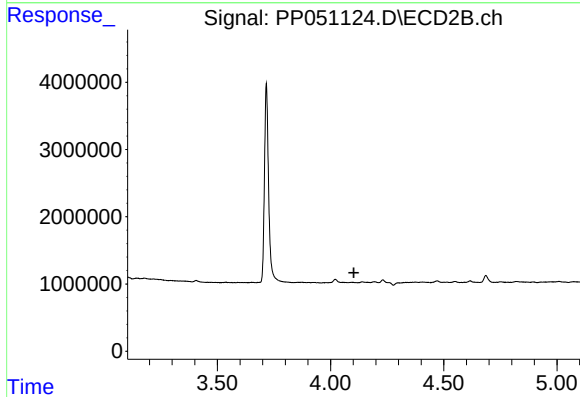
R.T.: 4.021 min  
Delta R.T.: -0.004 min  
Response: 538215  
Conc: 36.76 ng/ml



#10 AR-1221-3

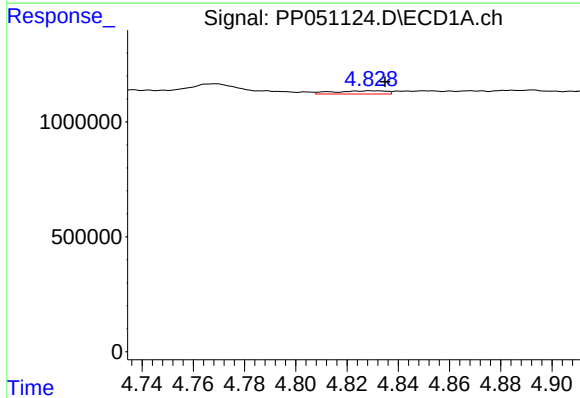
R.T.: 4.830 min  
Delta R.T.: -0.004 min  
Response: 193027  
Conc: 3.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



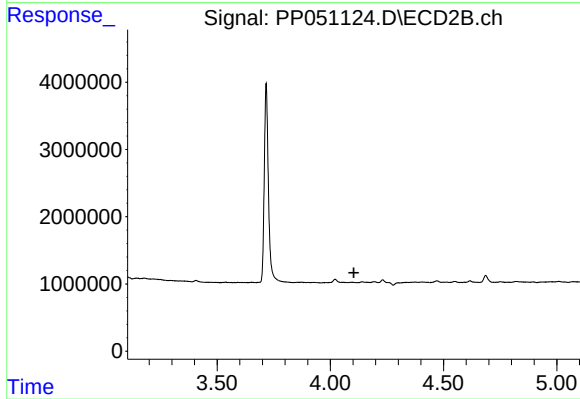
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.103 min  
Response: 0  
Conc: N.D.



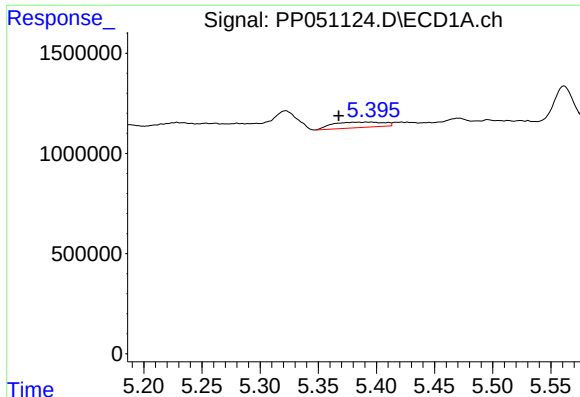
#11 AR-1232-1

R.T.: 4.830 min  
Delta R.T.: -0.005 min  
Response: 193027  
Conc: 4.63 ng/ml



#11 AR-1232-1

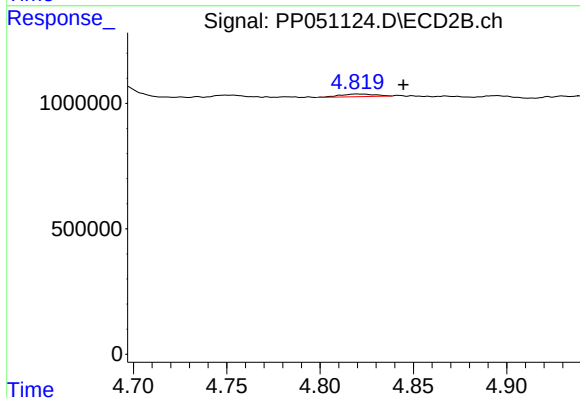
R.T.: 0.000 min  
Exp R.T. : 4.104 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

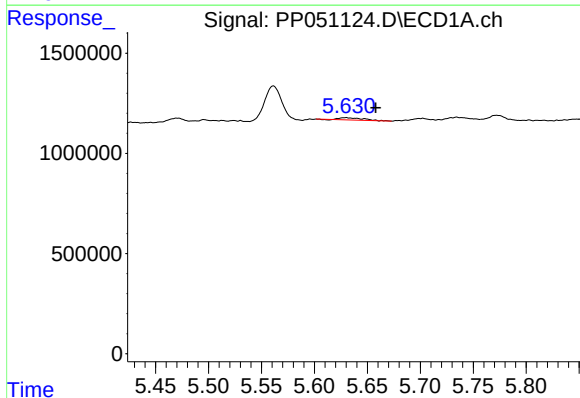
R.T.: 5.392 min  
Delta R.T.: 0.024 min  
Response: 848873  
Conc: 38.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



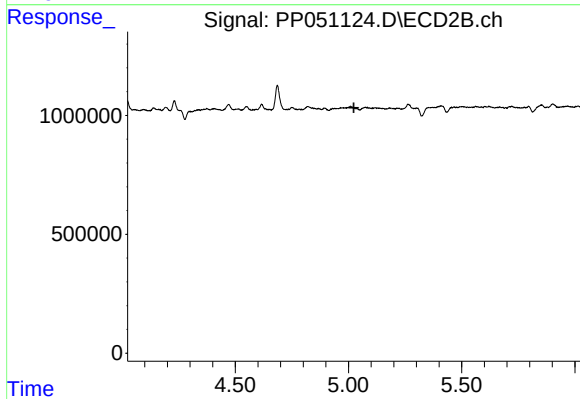
#12 AR-1232-2

R.T.: 4.820 min  
Delta R.T.: -0.025 min  
Response: 135025  
Conc: 4.36 ng/ml



#13 AR-1232-3

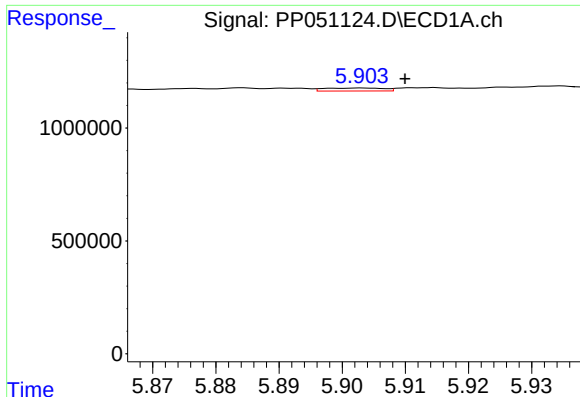
R.T.: 5.630 min  
Delta R.T.: -0.028 min  
Response: 167034  
Conc: 4.32 ng/ml



#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.024 min  
Response: 0  
Conc: N.D.

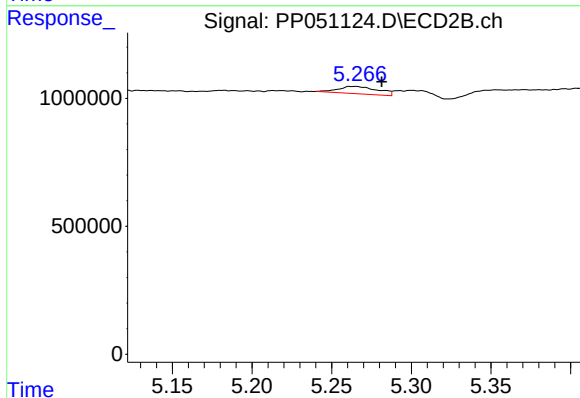




#15 AR-1232-5

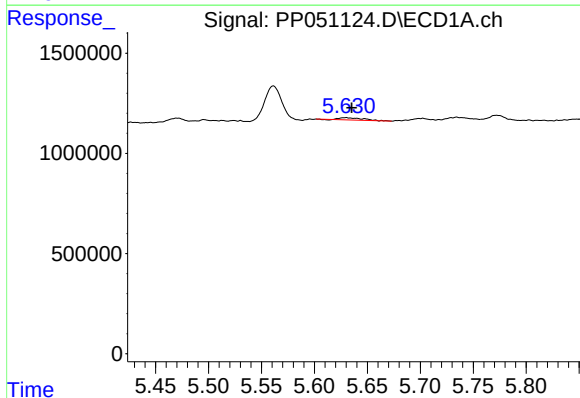
R.T.: 5.903 min  
Delta R.T.: -0.007 min  
Response: 86584  
Conc: 4.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



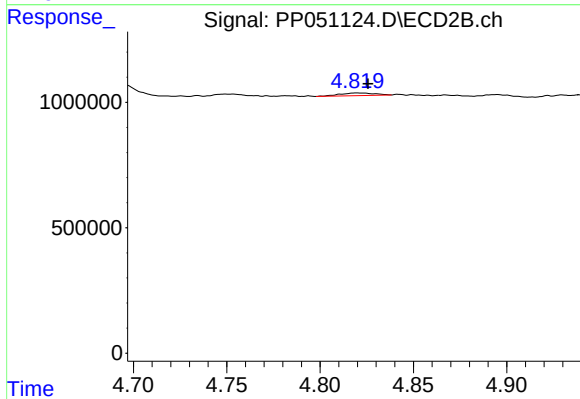
#15 AR-1232-5

R.T.: 5.266 min  
Delta R.T.: -0.016 min  
Response: 492775  
Conc: 26.92 ng/ml



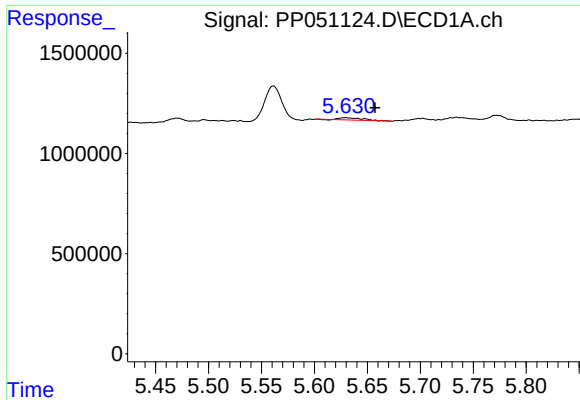
#16 AR-1242-1

R.T.: 5.630 min  
Delta R.T.: -0.006 min  
Response: 167034  
Conc: 3.38 ng/ml



#16 AR-1242-1

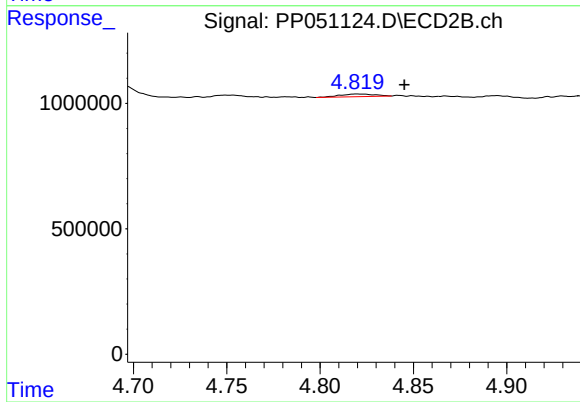
R.T.: 4.820 min  
Delta R.T.: -0.006 min  
Response: 135025  
Conc: 3.37 ng/ml



#17 AR-1242-2

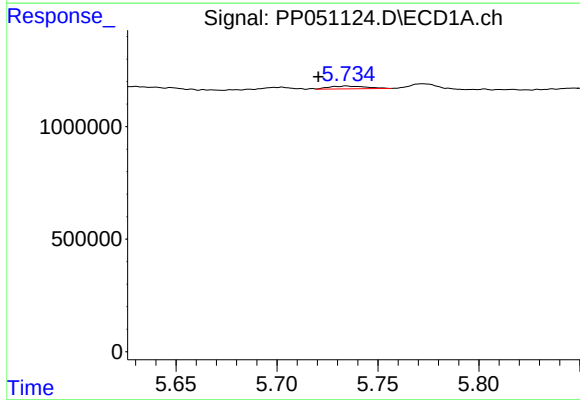
R.T.: 5.630 min  
Delta R.T.: -0.028 min  
Response: 167034  
Conc: 2.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



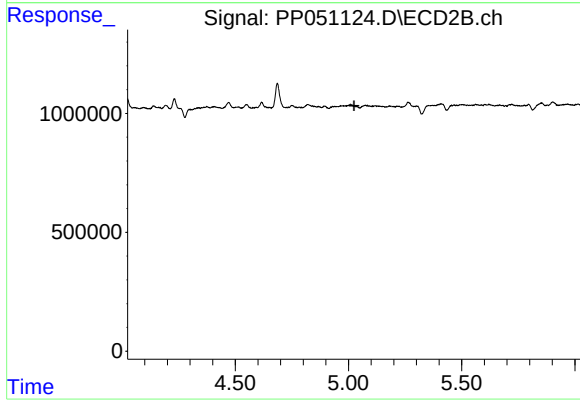
#17 AR-1242-2

R.T.: 4.820 min  
Delta R.T.: -0.026 min  
Response: 135025  
Conc: 2.37 ng/ml



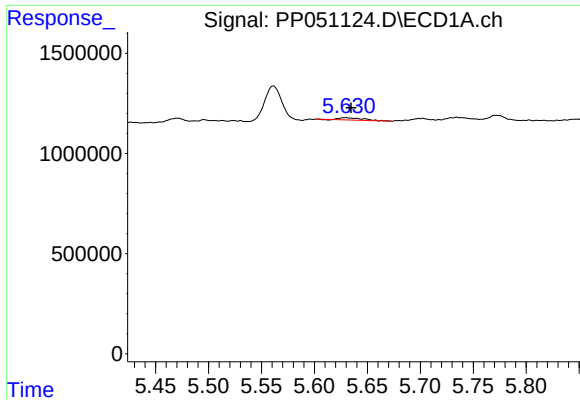
#18 AR-1242-3

R.T.: 5.735 min  
Delta R.T.: 0.014 min  
Response: 162238  
Conc: 3.54 ng/ml



#18 AR-1242-3

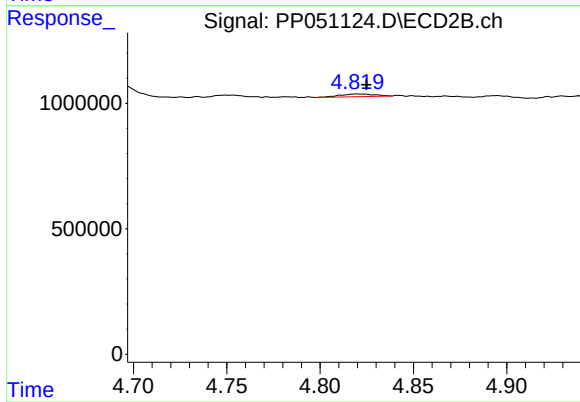
R.T.: 0.000 min  
Exp R.T.: 5.024 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

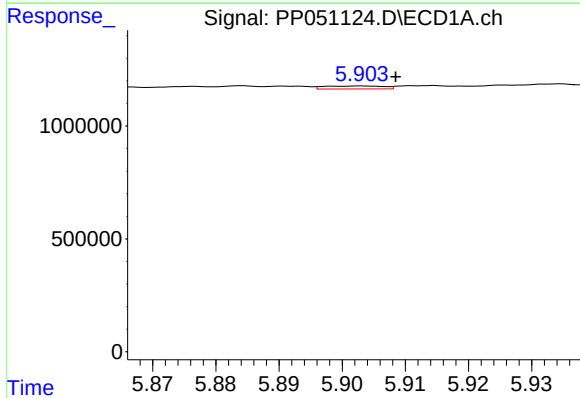
R.T.: 5.630 min  
Delta R.T.: -0.005 min  
Response: 167034  
Conc: 4.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



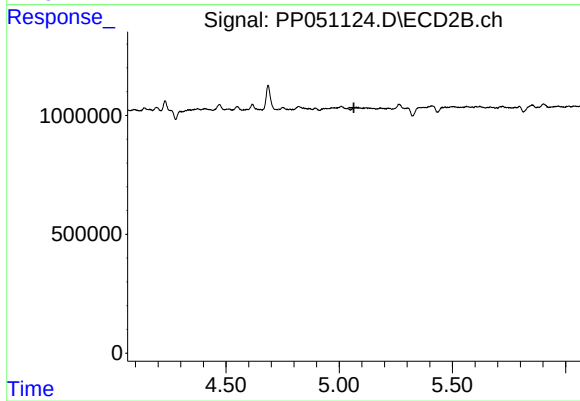
#21 AR-1248-1

R.T.: 4.820 min  
Delta R.T.: -0.005 min  
Response: 135025  
Conc: 4.13 ng/ml



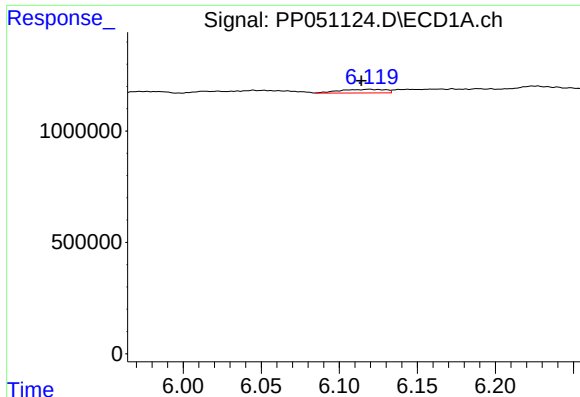
#22 AR-1248-2

R.T.: 5.903 min  
Delta R.T.: -0.005 min  
Response: 86584  
Conc: 1.30 ng/ml



#22 AR-1248-2

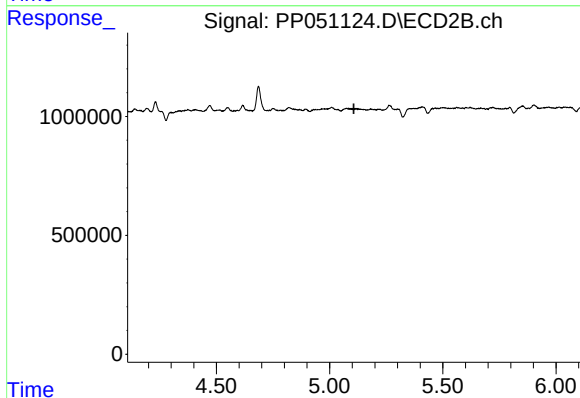
R.T.: 0.000 min  
Exp R.T.: 5.065 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

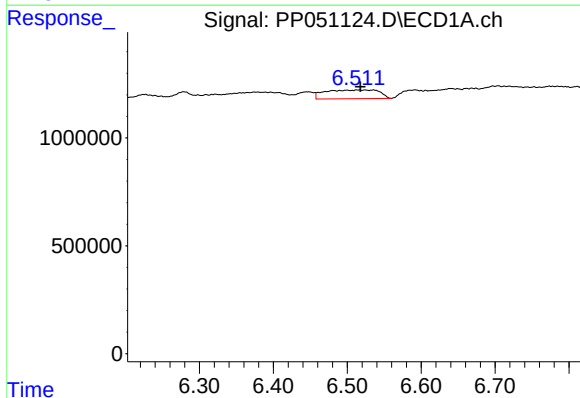
R.T.: 6.119 min  
Delta R.T.: 0.005 min  
Response: 338013  
Conc: 4.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



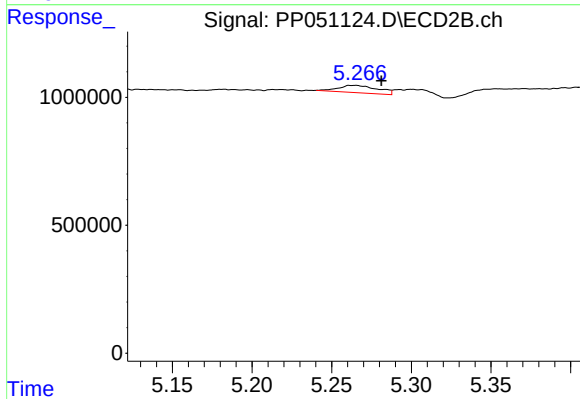
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.107 min  
Response: 0  
Conc: N.D.



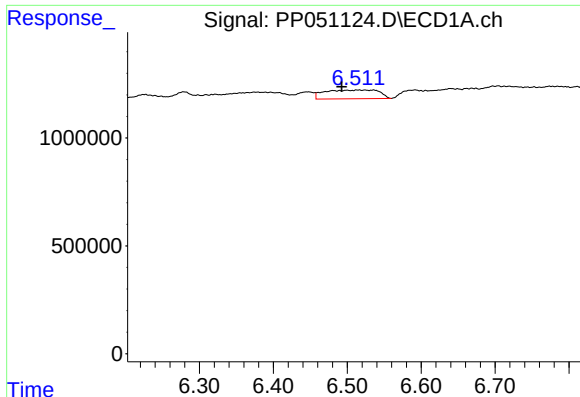
#24 AR-1248-4

R.T.: 6.523 min  
Delta R.T.: 0.005 min  
Response: 2060134  
Conc: 29.86 ng/ml



#24 AR-1248-4

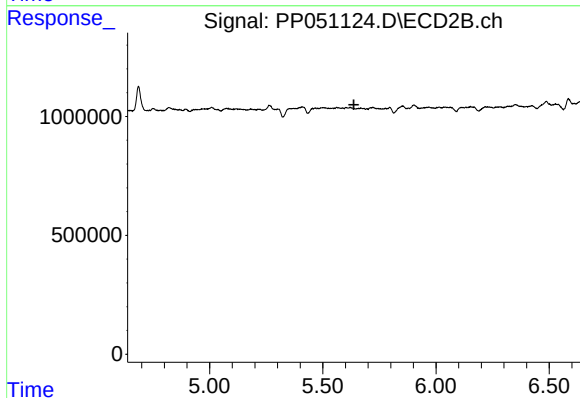
R.T.: 5.266 min  
Delta R.T.: -0.016 min  
Response: 492775  
Conc: 8.32 ng/ml



#26 AR-1254-1

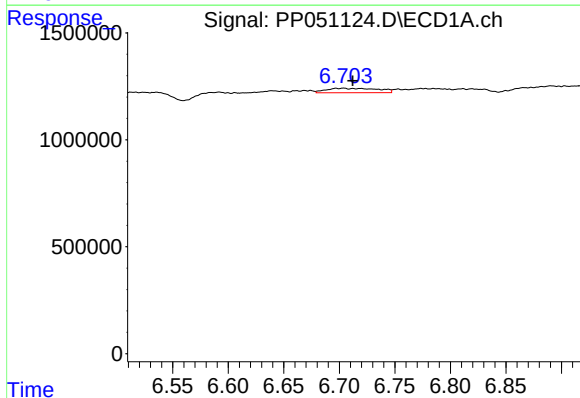
R.T.: 6.523 min  
Delta R.T.: 0.030 min  
Response: 2060134  
Conc: 25.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



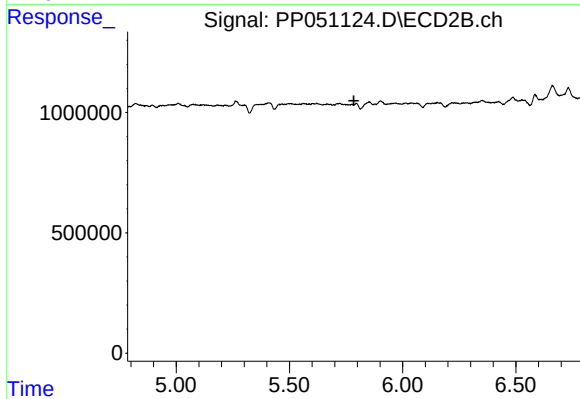
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 5.637 min  
Response: 0  
Conc: N.D.



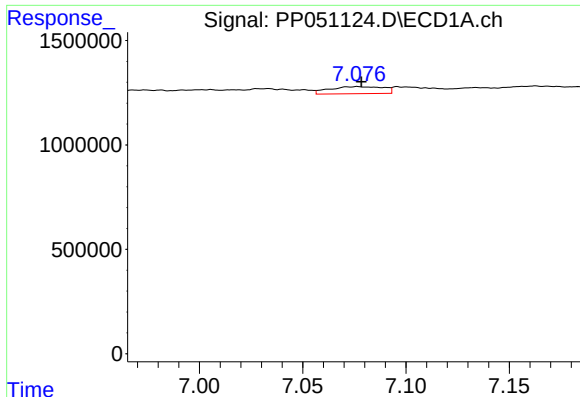
#27 AR-1254-2

R.T.: 6.703 min  
Delta R.T.: -0.009 min  
Response: 681783  
Conc: 5.77 ng/ml



#27 AR-1254-2

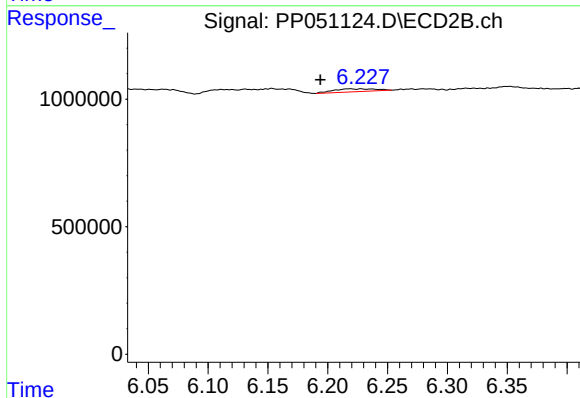
R.T.: 0.000 min  
Exp R.T. : 5.785 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

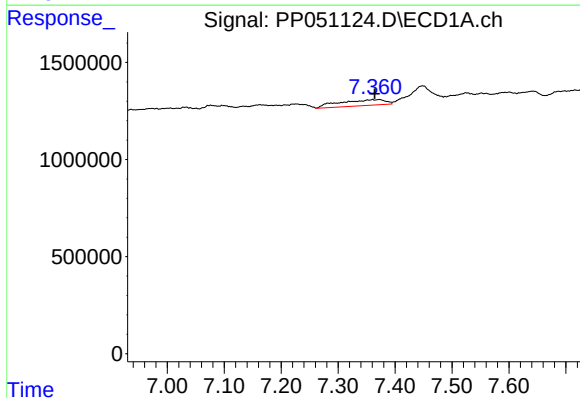
R.T.: 7.076 min  
Delta R.T.: -0.002 min  
Response: 617688  
Conc: 5.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



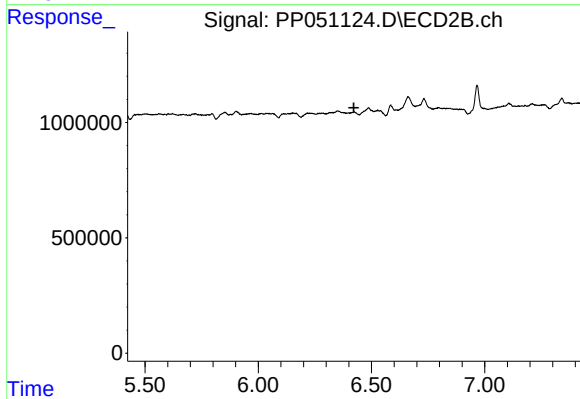
#28 AR-1254-3

R.T.: 6.219 min  
Delta R.T.: 0.025 min  
Response: 282208  
Conc: 2.63 ng/ml



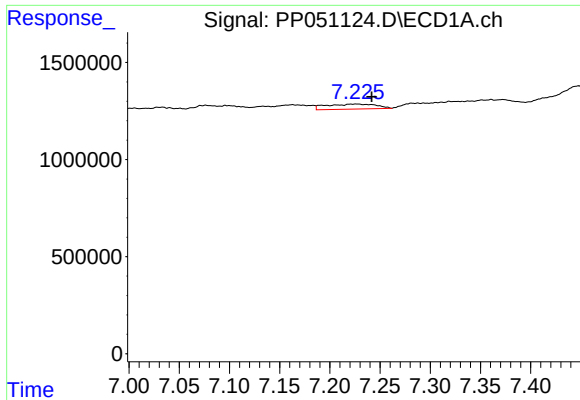
#29 AR-1254-4

R.T.: 7.361 min  
Delta R.T.: -0.003 min  
Response: 1690403  
Conc: 24.55 ng/ml



#29 AR-1254-4

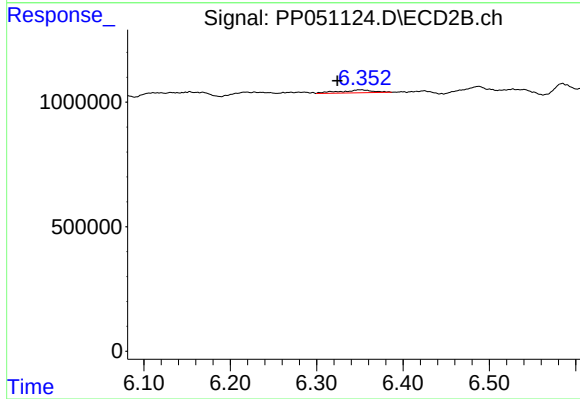
R.T.: 0.000 min  
Exp R.T.: 6.422 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

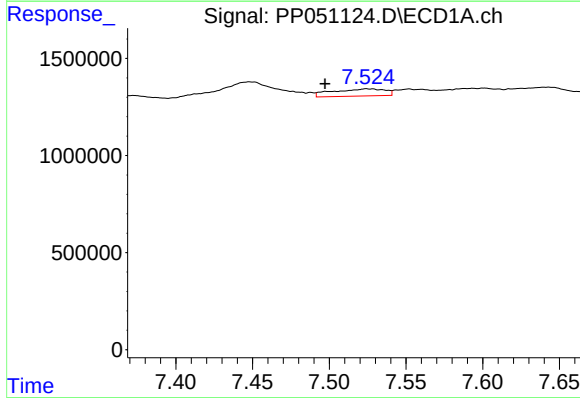
R.T.: 7.226 min  
Delta R.T.: -0.016 min  
Response: 884356  
Conc: 9.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



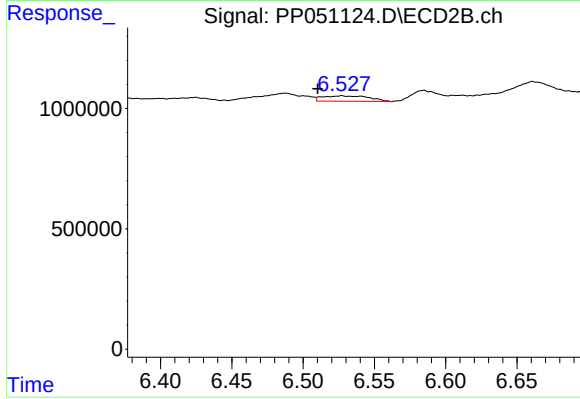
#31 AR-1260-1

R.T.: 6.352 min  
Delta R.T.: 0.028 min  
Response: 309893  
Conc: 4.10 ng/ml



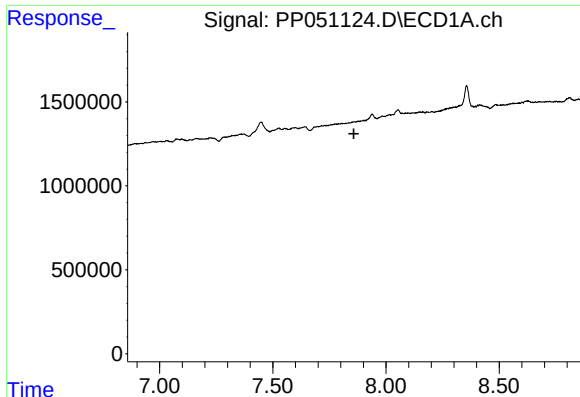
#32 AR-1260-2

R.T.: 7.525 min  
Delta R.T.: 0.028 min  
Response: 877637  
Conc: 8.67 ng/ml



#32 AR-1260-2

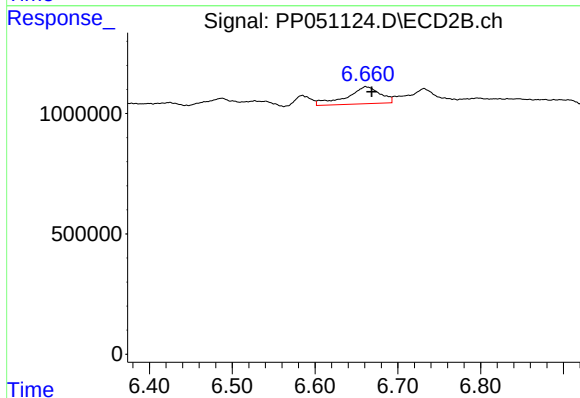
R.T.: 6.527 min  
Delta R.T.: 0.017 min  
Response: 520638  
Conc: 6.20 ng/ml



#33 AR-1260-3

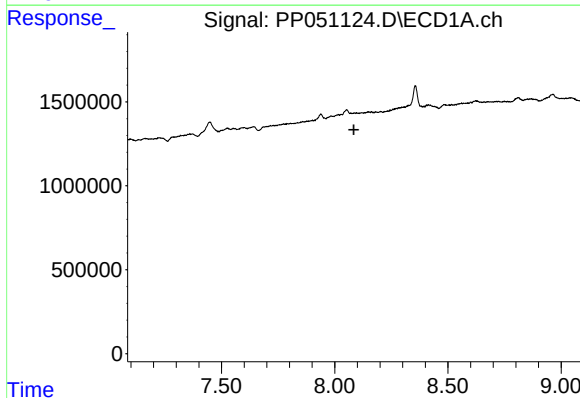
R.T.: 0.000 min  
Exp R.T.: 7.858 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



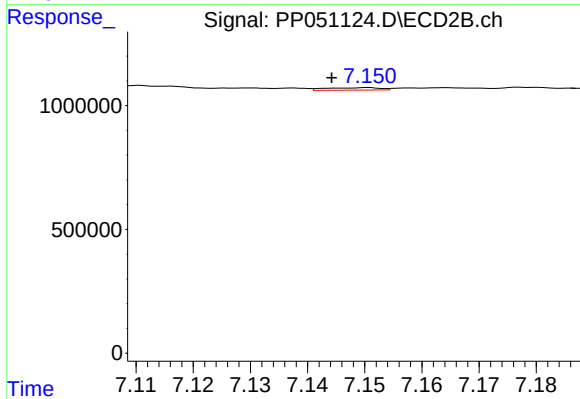
#33 AR-1260-3

R.T.: 6.661 min  
Delta R.T.: -0.007 min  
Response: 1995948  
Conc: 23.99 ng/ml



#34 AR-1260-4

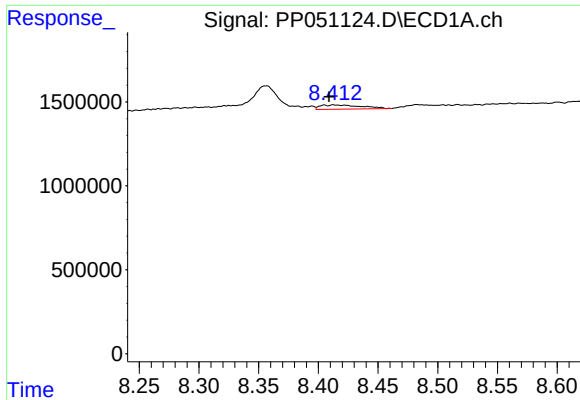
R.T.: 0.000 min  
Exp R.T.: 8.085 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

R.T.: 7.150 min  
Delta R.T.: 0.006 min  
Response: 65439  
Conc: 1.03 ng/ml

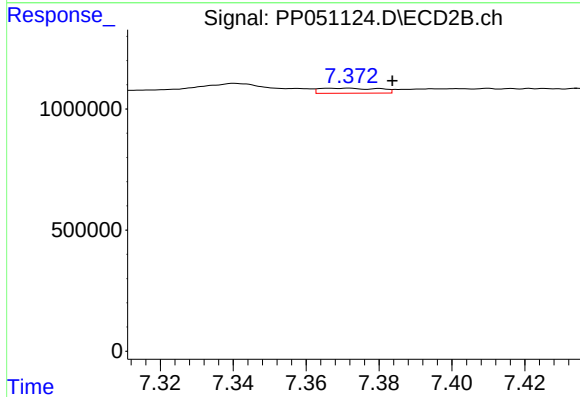




#35 AR-1260-5

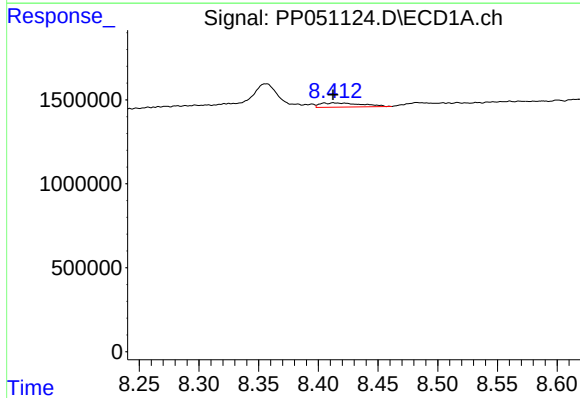
R.T.: 8.414 min  
Delta R.T.: 0.005 min  
Response: 605964  
Conc: 3.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



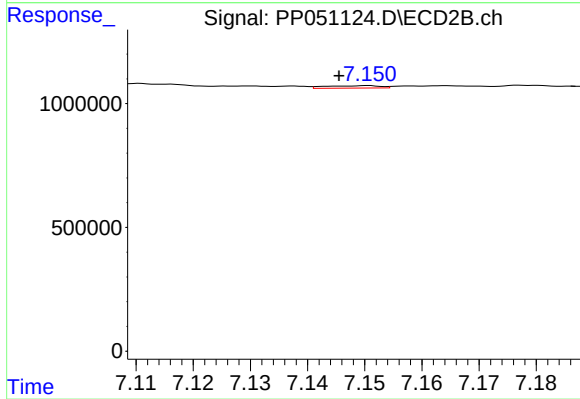
#35 AR-1260-5

R.T.: 7.372 min  
Delta R.T.: -0.012 min  
Response: 234004  
Conc: 1.87 ng/ml



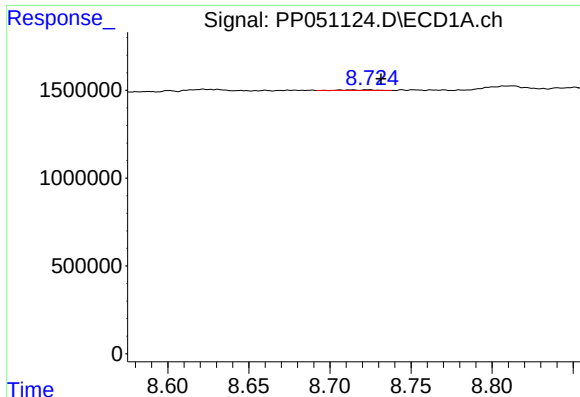
#37 AR-1262-2

R.T.: 8.414 min  
Delta R.T.: 0.002 min  
Response: 605964  
Conc: 3.68 ng/ml



#37 AR-1262-2

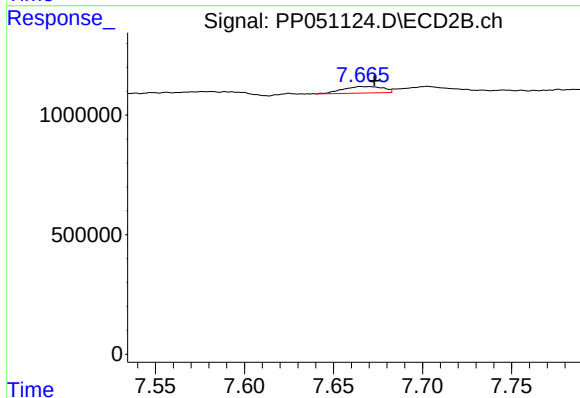
R.T.: 7.150 min  
Delta R.T.: 0.005 min  
Response: 65439  
Conc: 0.80 ng/ml



#38 AR-1262-3

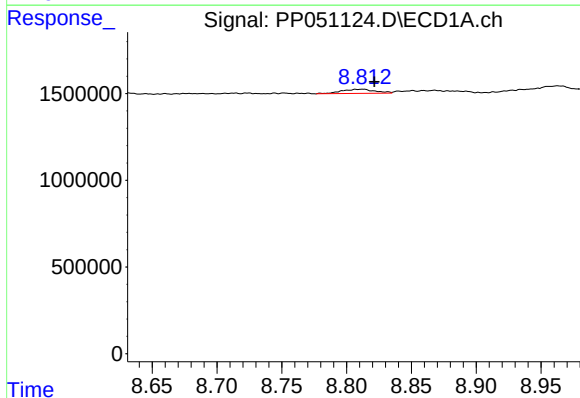
R.T.: 8.724 min  
Delta R.T.: -0.008 min  
Response: 42068  
Conc: 0.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



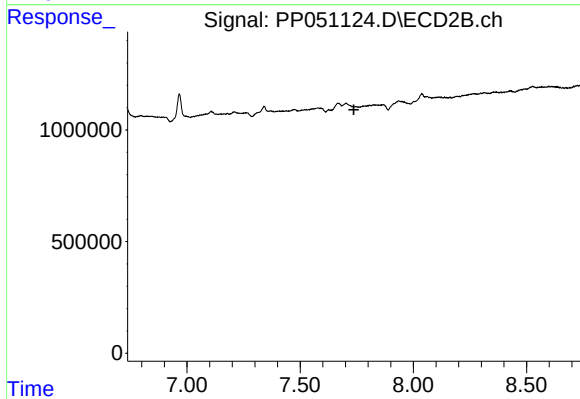
#38 AR-1262-3

R.T.: 7.666 min  
Delta R.T.: -0.007 min  
Response: 435226  
Conc: 8.60 ng/ml



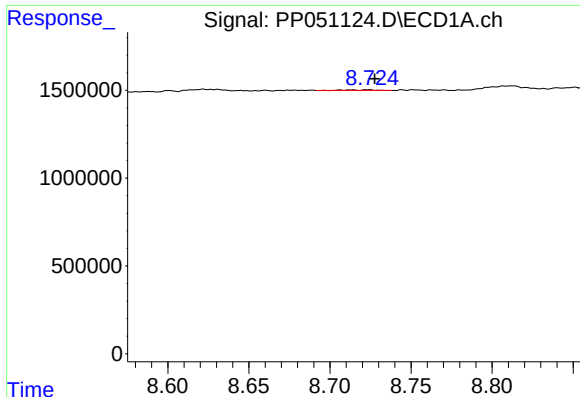
#39 AR-1262-4

R.T.: 8.811 min  
Delta R.T.: -0.011 min  
Response: 433364  
Conc: 6.79 ng/ml



#39 AR-1262-4

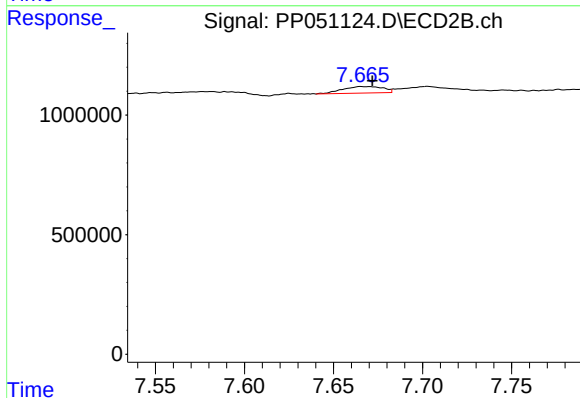
R.T.: 0.000 min  
Exp R.T.: 7.737 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

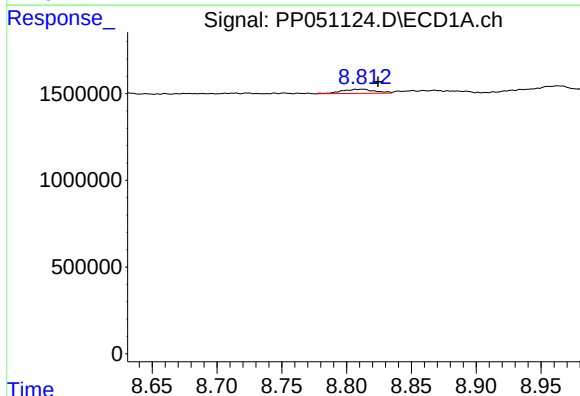
R.T.: 8.724 min  
Delta R.T.: -0.004 min  
Response: 42068  
Conc: 0.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



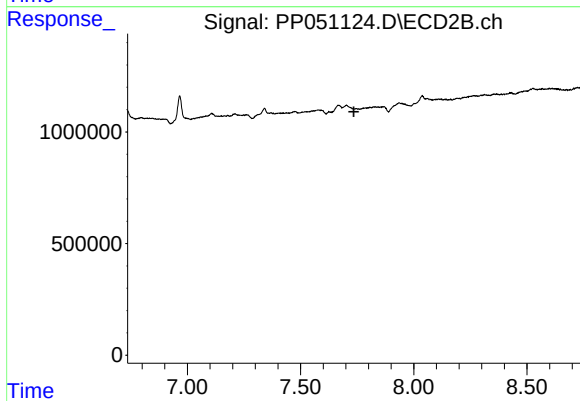
#41 AR-1268-1

R.T.: 7.666 min  
Delta R.T.: -0.006 min  
Response: 435226  
Conc: 2.74 ng/ml



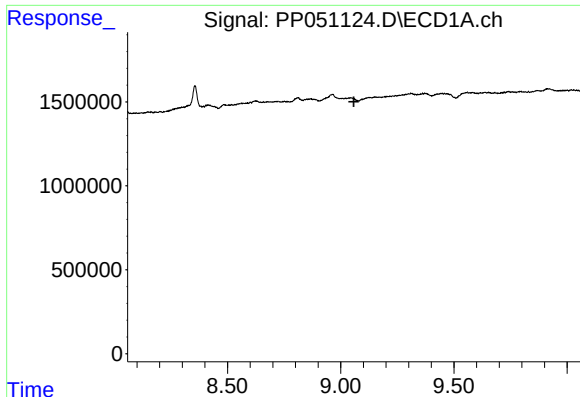
#42 AR-1268-2

R.T.: 8.811 min  
Delta R.T.: -0.014 min  
Response: 433364  
Conc: 2.15 ng/ml



#42 AR-1268-2

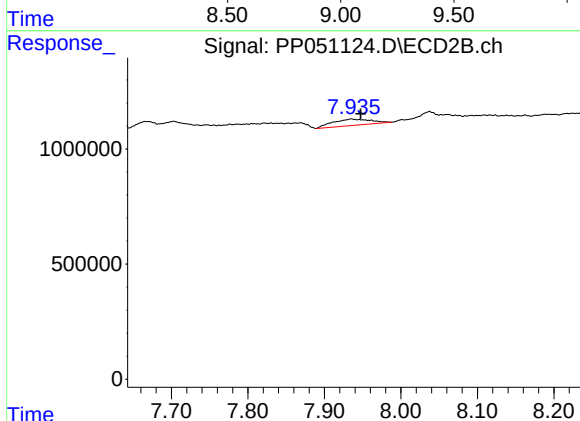
R.T.: 0.000 min  
Exp R.T.: 7.736 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

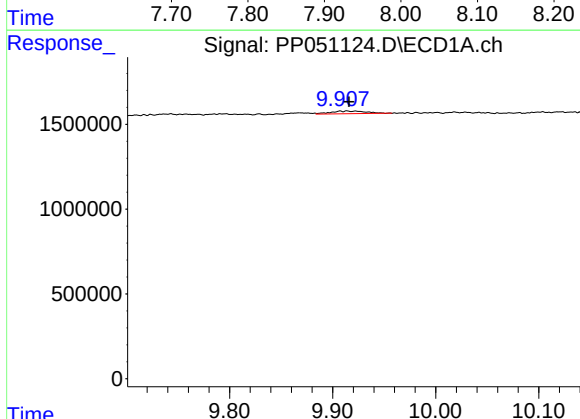
R.T.: 0.000 min  
Exp R.T.: 9.058 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



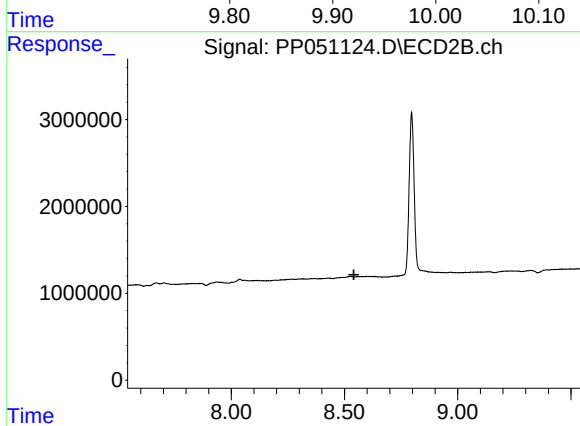
#43 AR-1268-3

R.T.: 7.935 min  
Delta R.T.: -0.012 min  
Response: 962026  
Conc: 7.33 ng/ml



#45 AR-1268-5

R.T.: 9.914 min  
Delta R.T.: -0.001 min  
Response: 375186  
Conc: 0.69 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 8.542 min  
Response: 0  
Conc: N.D.