

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP040425\  
 Data File : PP071090.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Apr 2025 09:47  
 Operator : YP\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 04 13:55:48 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP032725.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Mar 28 03:13:46 2025  
 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... | 4.519  | 3.816  | 29964583 | 20206926 | 20.502  | 19.493   |
| 2)                          | SA Decachlor... | 10.242 | 8.857  | 22705030 | 16188932 | 21.570  | 20.539   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 5.666  | 4.905  | 219195   | 188526   | 4.311   | 4.703    |
| 4)                          | L1 AR-1016-2    | 5.666  | 4.905  | 219195   | 188526   | 2.808   | 3.258    |
| 5)                          | L1 AR-1016-3    | 5.742  | 5.082  | 638353   | 1041098  | 13.532  | 33.667 # |
| 6)                          | L1 AR-1016-4    | 5.876  | 5.150  | 390884   | 1029116  | 10.635  | 42.253 # |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.979f | 0        | 136542   | N.D.    | 8.957 #  |
| 9)                          | L2 AR-1221-2    | 4.794  | 4.119  | 371874   | 333736   | 28.710  | 29.182   |
| 10)                         | L2 AR-1221-3    | 4.920f | 4.176  | 417590   | 66042    | 10.010  | 1.937 #  |
| 11)                         | L3 AR-1232-1    | 4.920f | 4.176  | 417590   | 66042    | 12.544  | 2.360 #  |
| 12)                         | L3 AR-1232-2    | 5.391  | 4.905  | 396856   | 188526   | 24.943  | 6.718 #  |
| 13)                         | L3 AR-1232-3    | 5.708  | 5.082  | 542523   | 1041098  | 15.831  | 69.921 # |
| 14)                         | L3 AR-1232-4    | 5.876  | 5.182  | 390884   | 1187119  | 24.885  | 92.712 # |
| 15)                         | L3 AR-1232-5    | 5.968  | 5.355  | 731470   | -395094  | 68.745  | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.666  | 4.905  | 219195   | 188526   | 4.984   | 5.513    |
| 17)                         | L4 AR-1242-2    | 5.666  | 4.905  | 219195   | 188526   | 3.408   | 3.827    |
| 18)                         | L4 AR-1242-3    | 5.742  | 5.082  | 638353   | 1041098  | 15.555  | 39.074 # |
| 19)                         | L4 AR-1242-4    | 5.876  | 5.182  | 390884   | 1187119  | 12.806  | 45.004 # |
| 20)                         | L4 AR-1242-5    | 6.585  | 5.731  | 4513599  | 3952839  | 123.625 | 127.683  |
| 21)                         | L5 AR-1248-1    | 5.666  | 4.905  | 219195   | 188526   | 6.041   | 6.962    |
| 22)                         | L5 AR-1248-2    | 5.968  | 5.150  | 731470   | 1029116  | 16.277  | 28.024 # |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.182  | 0        | 1187119  | N.D.    | 30.707 # |
| 24)                         | L5 AR-1248-4    | 6.526  | 5.355  | 6923629  | -395094  | 107.933 | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.585  | 5.731  | 4513599  | 3952839  | 74.180  | 92.618   |
| 26)                         | L6 AR-1254-1    | 6.526  | 5.731  | 6923629  | 3952839  | 107.526 | 59.875 # |
| 27)                         | L6 AR-1254-2    | 6.716  | 5.857  | 13535199 | 683207   | 133.892 | 11.965 # |
| 28)                         | L6 AR-1254-3    | 7.096  | 6.256  | 11140055 | 737763   | 111.705 | 8.496 #  |
| 29)                         | L6 AR-1254-4    | 7.389  | 6.482  | 4387687  | 568683   | 50.668  | 10.137 # |
| 30)                         | L6 AR-1254-5    | 7.822  | 6.906  | 457814   | 107319   | 5.698   | 1.487 #  |
| 31)                         | L7 AR-1260-1    | 7.252  | 6.390  | 5681389  | 2272614  | 84.604  | 44.382 # |
| 32)                         | L7 AR-1260-2    | 7.534  | 6.560  | 2021555  | 1545720  | 21.028  | 24.230   |
| 33)                         | L7 AR-1260-3    | 7.867  | 6.739  | 575450   | 164907   | 7.200   | 3.027 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.194  | 0        | 411648   | N.D.    | 8.607 #  |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.399f | 0        | 569008   | N.D.    | 4.570 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.945  | 0        | 156028   | N.D.    | 1.824 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.194  | 0        | 411648   | N.D.    | 6.013 #  |
| 40)                         | L8 AR-1262-5    | 9.449  | 0.000  | 519789   | 0        | 7.989   | N.D. #   |
| 44)                         | L9 AR-1268-4    | 9.449  | 0.000  | 519789   | 0        | 7.347   | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

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

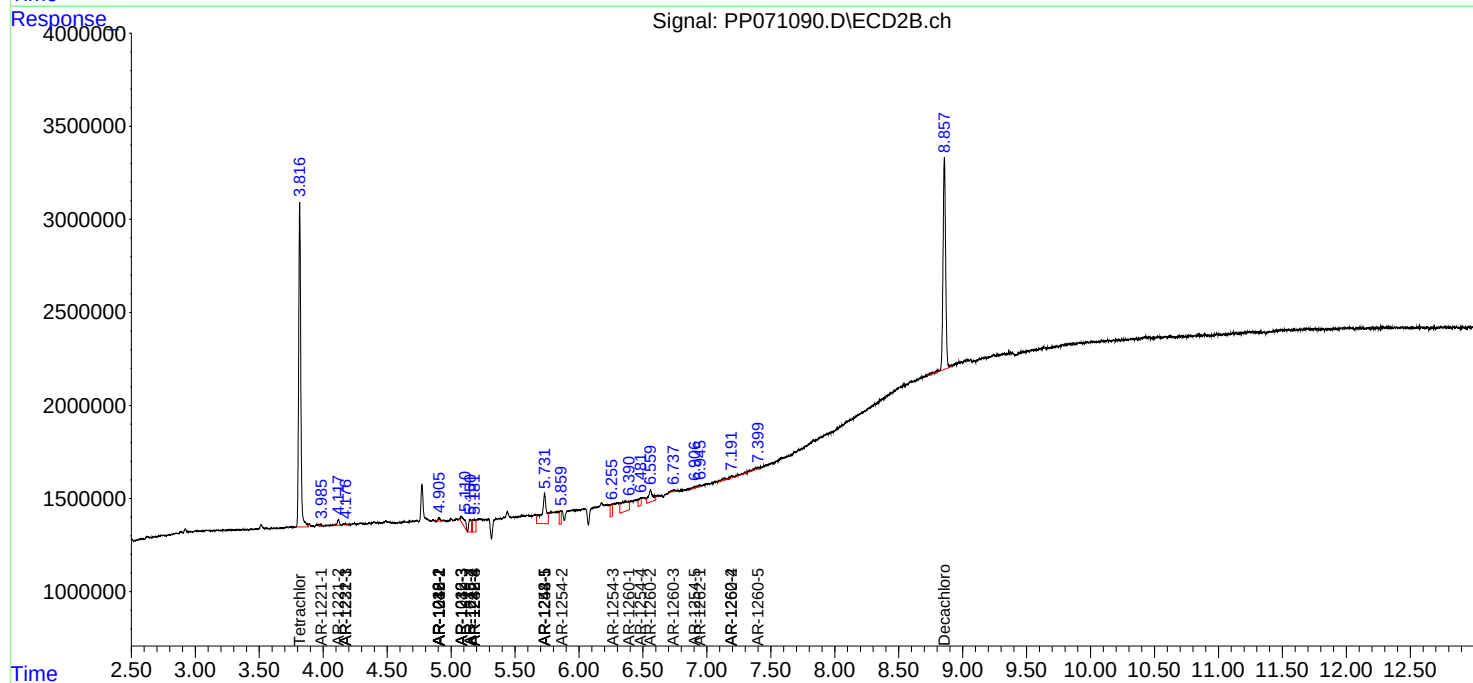
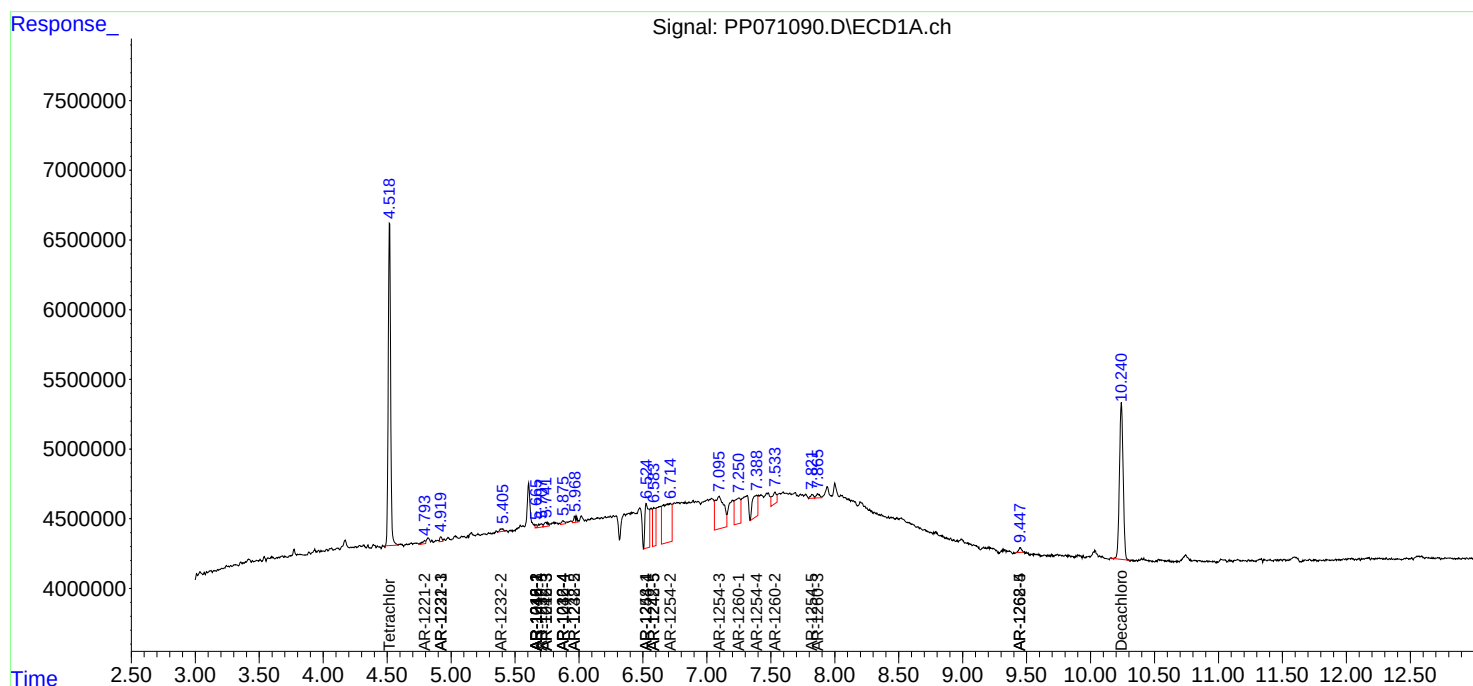
Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

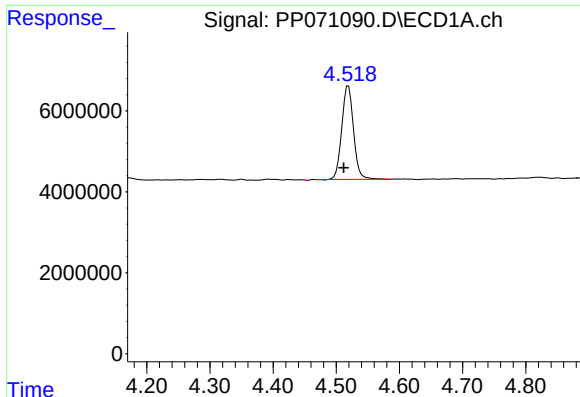
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP040425\  
Data File : PP071090.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Apr 2025 09:47  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 04 13:55:48 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP032725.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Mar 28 03:13:46 2025  
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

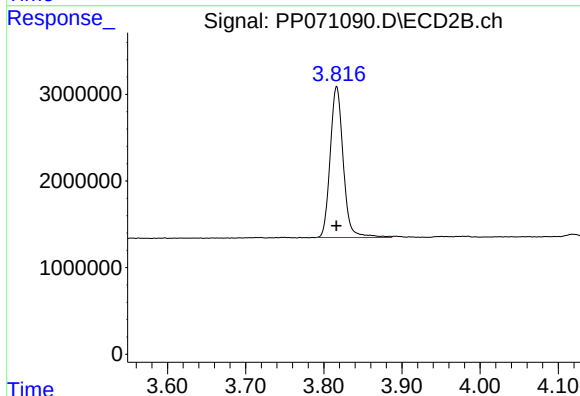




#1 Tetrachloro-m-xylene

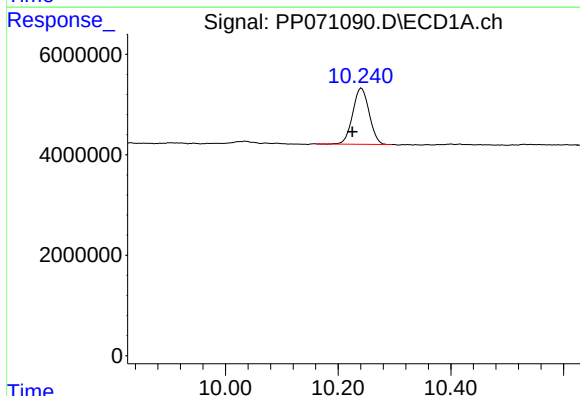
R.T.: 4.519 min  
Delta R.T.: 0.007 min  
Response: 29964583  
Conc: 20.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



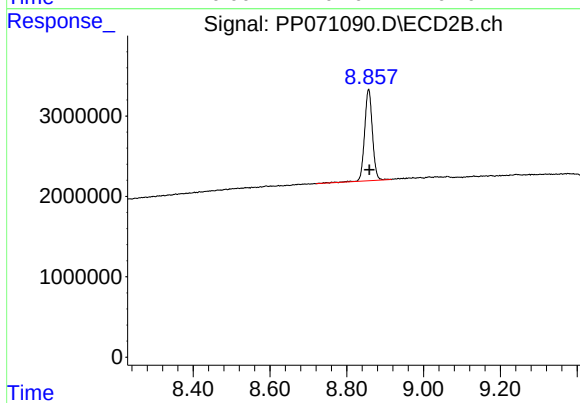
#1 Tetrachloro-m-xylene

R.T.: 3.816 min  
Delta R.T.: 0.000 min  
Response: 20206926  
Conc: 19.49 ng/ml



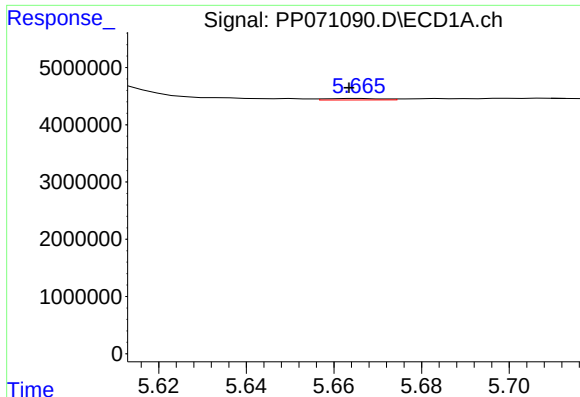
#2 Decachlorobiphenyl

R.T.: 10.242 min  
Delta R.T.: 0.016 min  
Response: 22705030  
Conc: 21.57 ng/ml



#2 Decachlorobiphenyl

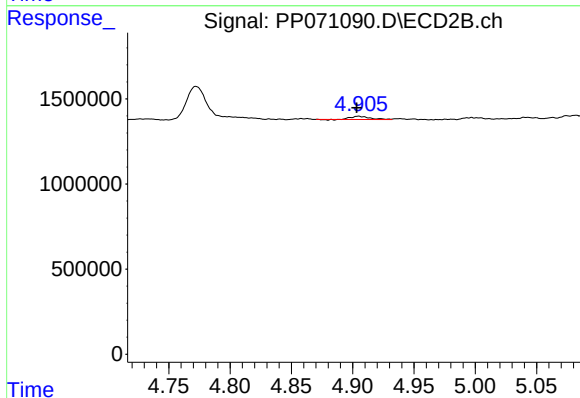
R.T.: 8.857 min  
Delta R.T.: -0.002 min  
Response: 16188932  
Conc: 20.54 ng/ml



#3 AR-1016-1

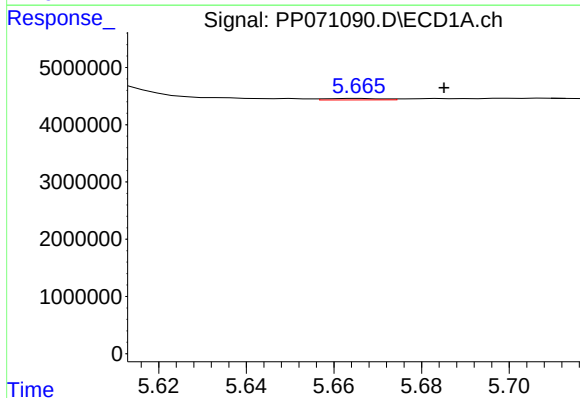
R.T.: 5.666 min  
Delta R.T.: 0.002 min  
Response: 219195  
Conc: 4.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



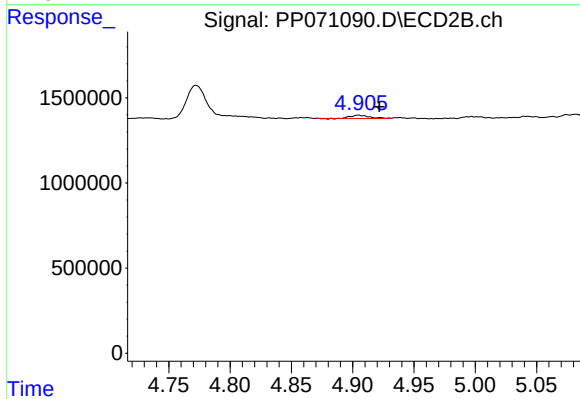
#3 AR-1016-1

R.T.: 4.905 min  
Delta R.T.: 0.002 min  
Response: 188526  
Conc: 4.70 ng/ml



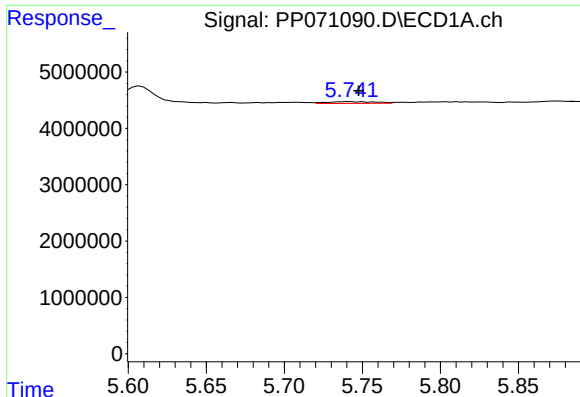
#4 AR-1016-2

R.T.: 5.666 min  
Delta R.T.: -0.019 min  
Response: 219195  
Conc: 2.81 ng/ml



#4 AR-1016-2

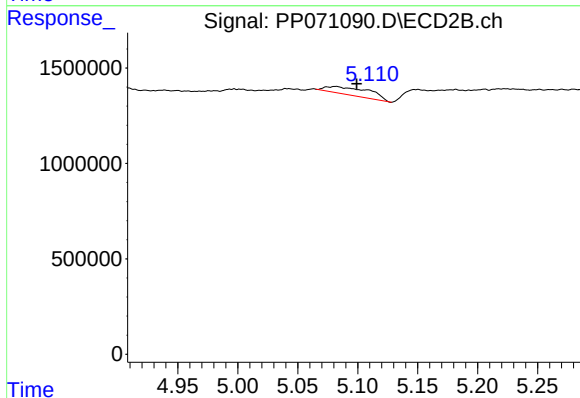
R.T.: 4.905 min  
Delta R.T.: -0.017 min  
Response: 188526  
Conc: 3.26 ng/ml



#5 AR-1016-3

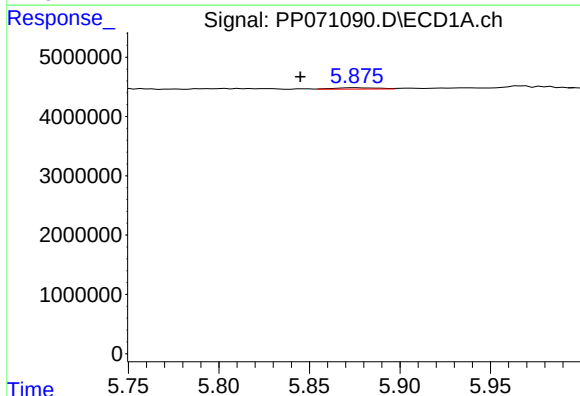
R.T.: 5.742 min  
Delta R.T.: -0.006 min  
Response: 638353  
Conc: 13.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



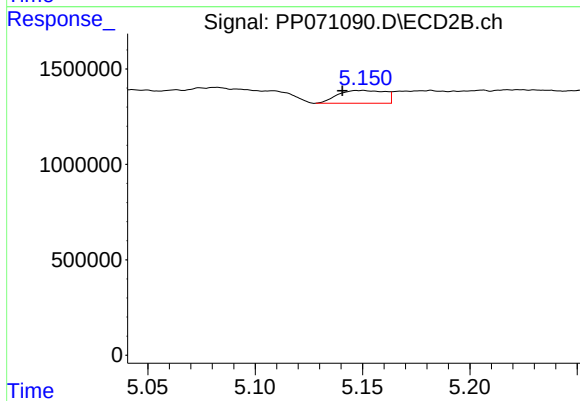
#5 AR-1016-3

R.T.: 5.082 min  
Delta R.T.: -0.017 min  
Response: 1041098  
Conc: 33.67 ng/ml



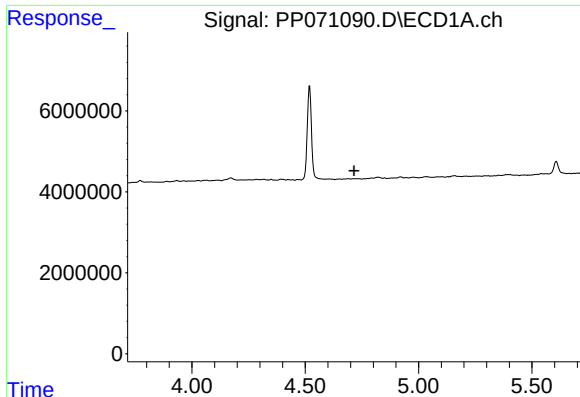
#6 AR-1016-4

R.T.: 5.876 min  
Delta R.T.: 0.031 min  
Response: 390884  
Conc: 10.63 ng/ml



#6 AR-1016-4

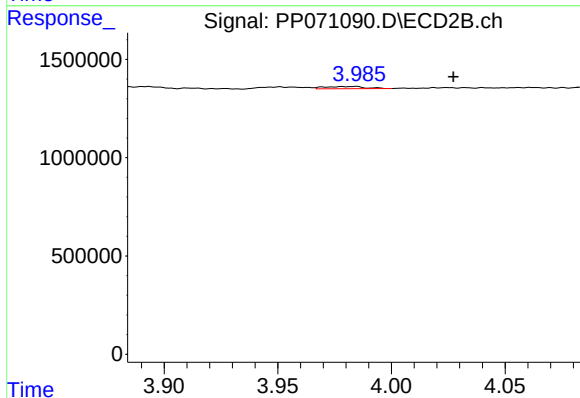
R.T.: 5.150 min  
Delta R.T.: 0.009 min  
Response: 1029116  
Conc: 42.25 ng/ml



#8 AR-1221-1

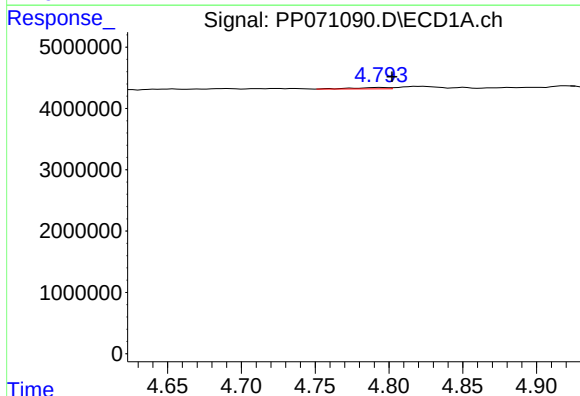
R.T.: 0.000 min  
Exp R.T.: 4.716 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



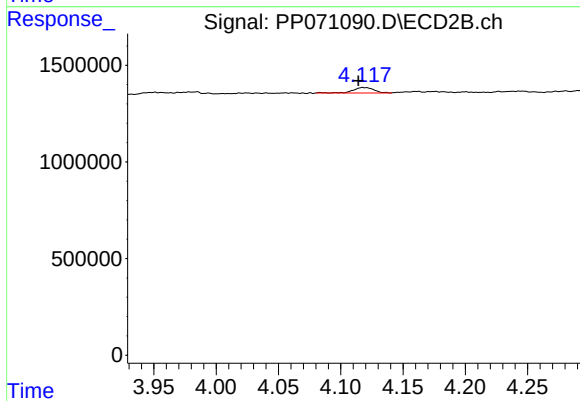
#8 AR-1221-1

R.T.: 3.979 min  
Delta R.T.: -0.049 min  
Response: 136542  
Conc: 8.96 ng/ml



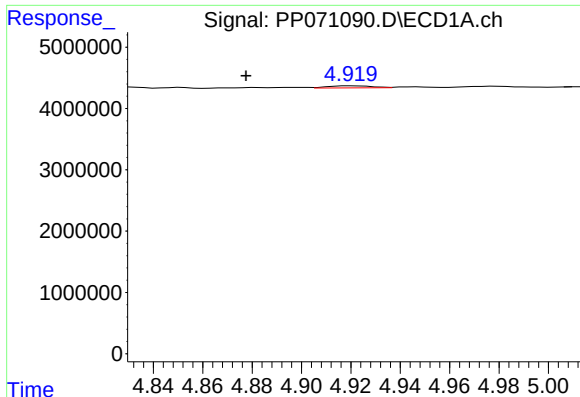
#9 AR-1221-2

R.T.: 4.794 min  
Delta R.T.: -0.008 min  
Response: 371874  
Conc: 28.71 ng/ml



#9 AR-1221-2

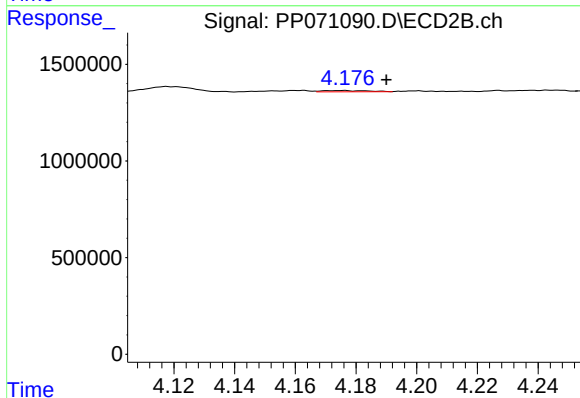
R.T.: 4.119 min  
Delta R.T.: 0.004 min  
Response: 333736  
Conc: 29.18 ng/ml



#10 AR-1221-3

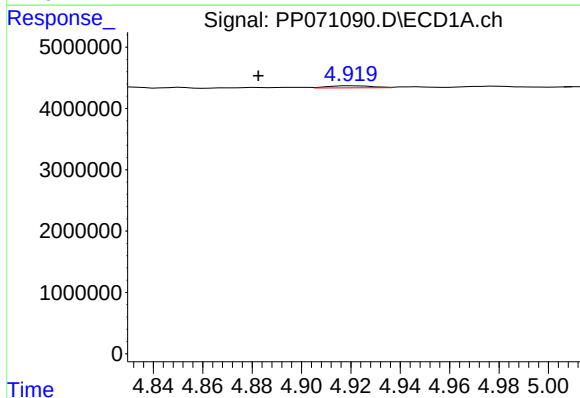
R.T.: 4.920 min  
Delta R.T.: 0.043 min  
Response: 417590  
Conc: 10.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



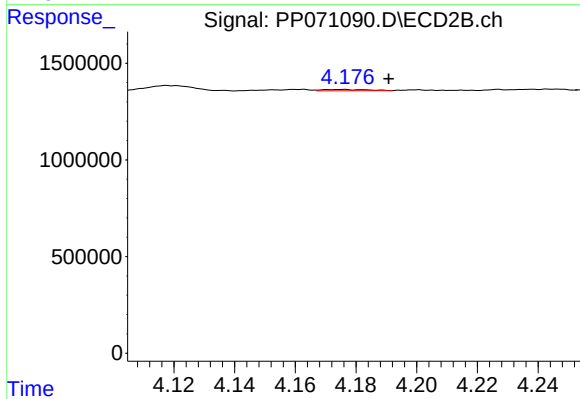
#10 AR-1221-3

R.T.: 4.176 min  
Delta R.T.: -0.014 min  
Response: 66042  
Conc: 1.94 ng/ml



#11 AR-1232-1

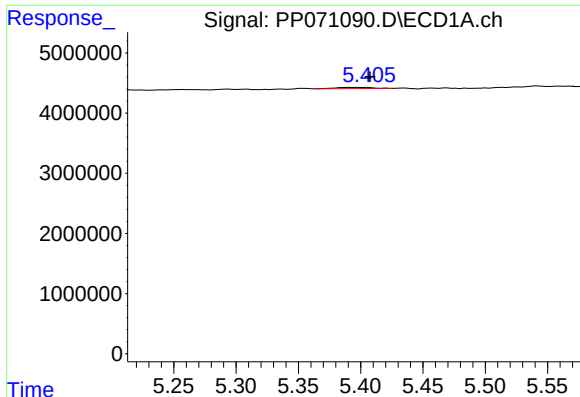
R.T.: 4.920 min  
Delta R.T.: 0.038 min  
Response: 417590  
Conc: 12.54 ng/ml



#11 AR-1232-1

R.T.: 4.176 min  
Delta R.T.: -0.015 min  
Response: 66042  
Conc: 2.36 ng/ml

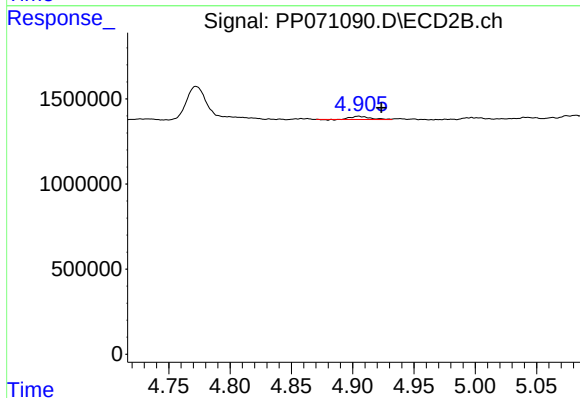




#12 AR-1232-2

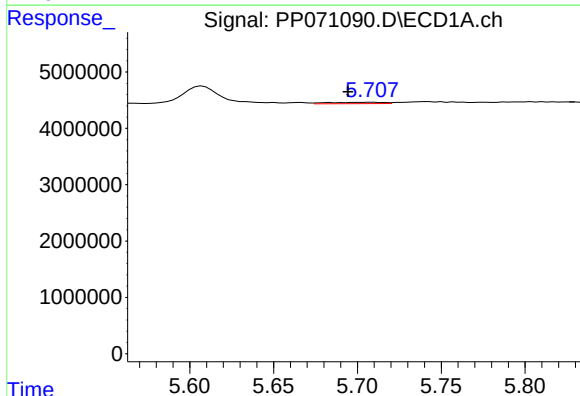
R.T.: 5.391 min  
Delta R.T.: -0.016 min  
Response: 396856  
Conc: 24.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



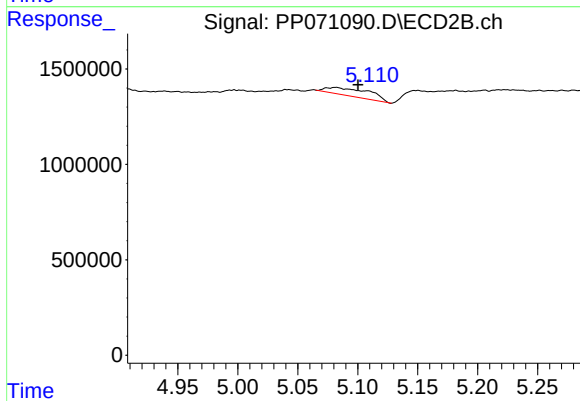
#12 AR-1232-2

R.T.: 4.905 min  
Delta R.T.: -0.019 min  
Response: 188526  
Conc: 6.72 ng/ml



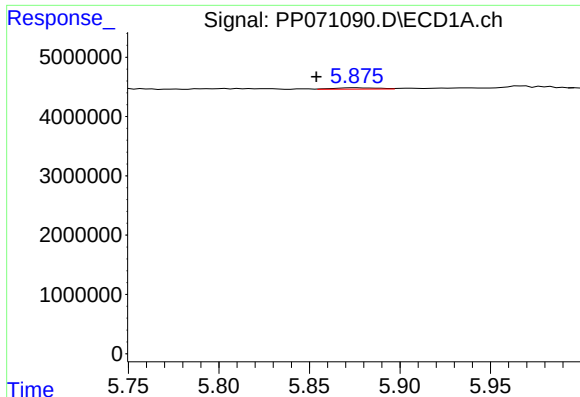
#13 AR-1232-3

R.T.: 5.708 min  
Delta R.T.: 0.014 min  
Response: 542523  
Conc: 15.83 ng/ml



#13 AR-1232-3

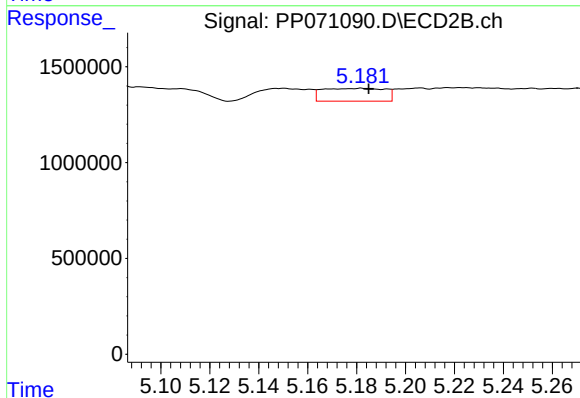
R.T.: 5.082 min  
Delta R.T.: -0.018 min  
Response: 1041098  
Conc: 69.92 ng/ml



#14 AR-1232-4

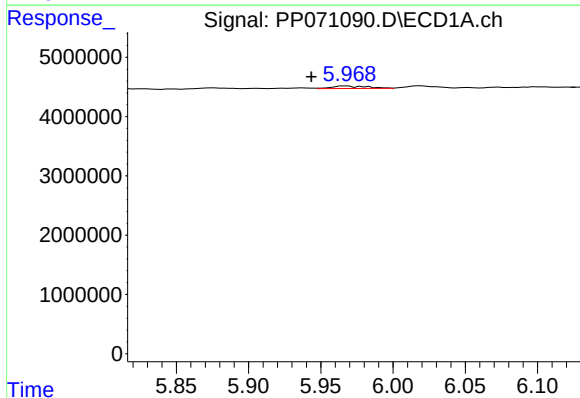
R.T.: 5.876 min  
Delta R.T.: 0.022 min  
Response: 390884  
Conc: 24.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



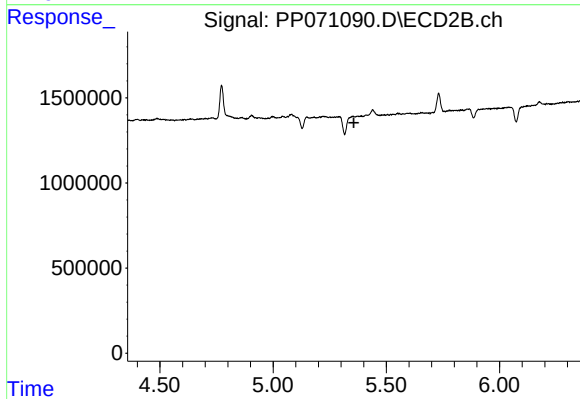
#14 AR-1232-4

R.T.: 5.182 min  
Delta R.T.: -0.003 min  
Response: 1187119  
Conc: 92.71 ng/ml



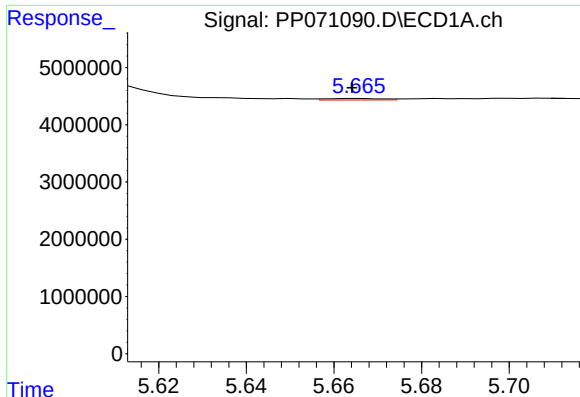
#15 AR-1232-5

R.T.: 5.968 min  
Delta R.T.: 0.025 min  
Response: 731470  
Conc: 68.74 ng/ml



#15 AR-1232-5

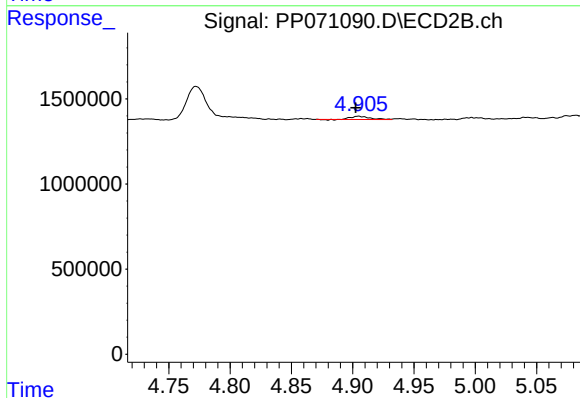
R.T.: 5.355 min  
Delta R.T.: -0.002 min  
Response: -395094  
Conc: N.D.



#16 AR-1242-1

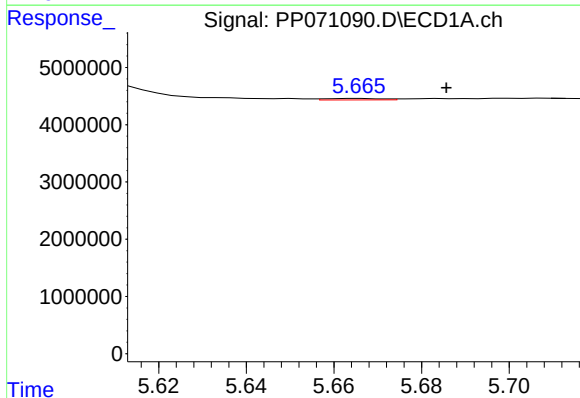
R.T.: 5.666 min  
Delta R.T.: 0.002 min  
Response: 219195  
Conc: 4.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



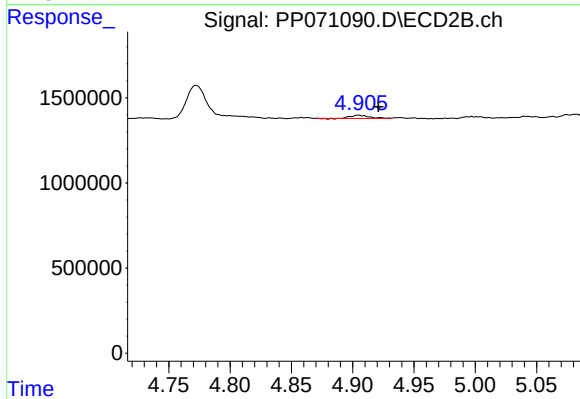
#16 AR-1242-1

R.T.: 4.905 min  
Delta R.T.: 0.002 min  
Response: 188526  
Conc: 5.51 ng/ml



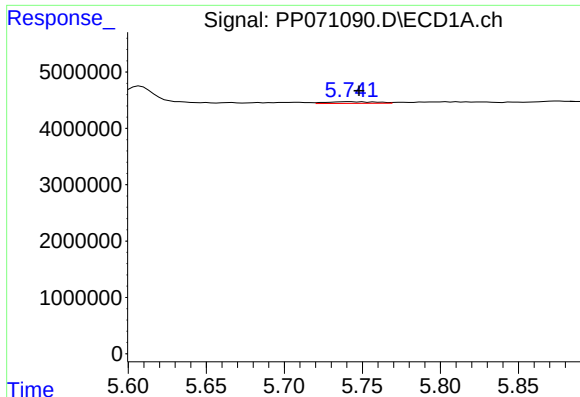
#17 AR-1242-2

R.T.: 5.666 min  
Delta R.T.: -0.020 min  
Response: 219195  
Conc: 3.41 ng/ml



#17 AR-1242-2

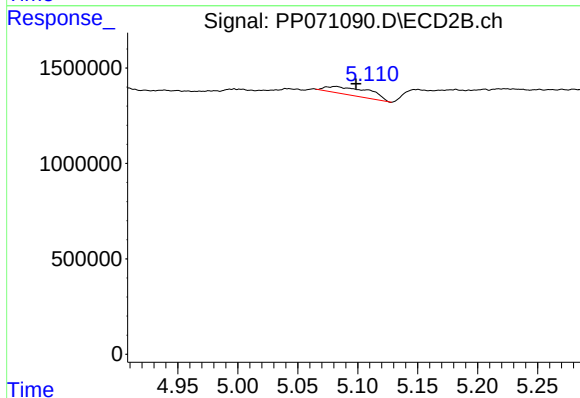
R.T.: 4.905 min  
Delta R.T.: -0.016 min  
Response: 188526  
Conc: 3.83 ng/ml



#18 AR-1242-3

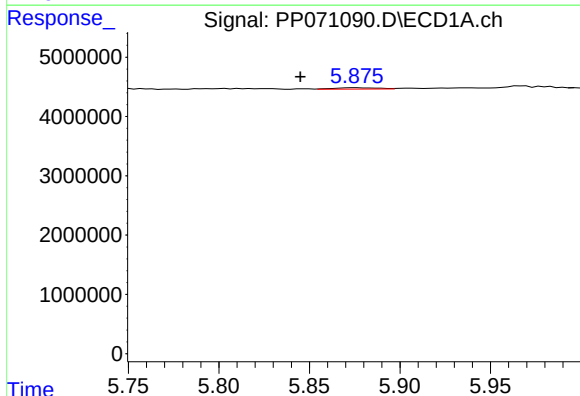
R.T.: 5.742 min  
Delta R.T.: -0.006 min  
Response: 638353  
Conc: 15.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



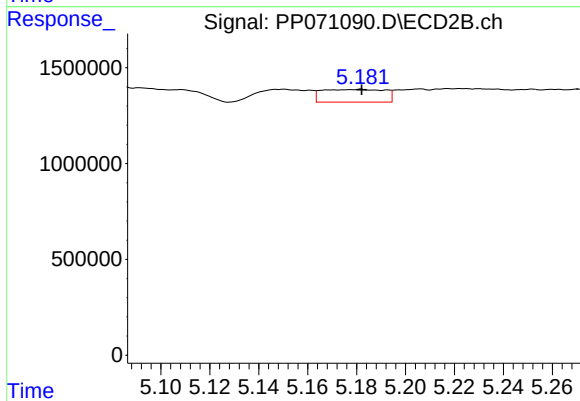
#18 AR-1242-3

R.T.: 5.082 min  
Delta R.T.: -0.017 min  
Response: 1041098  
Conc: 39.07 ng/ml



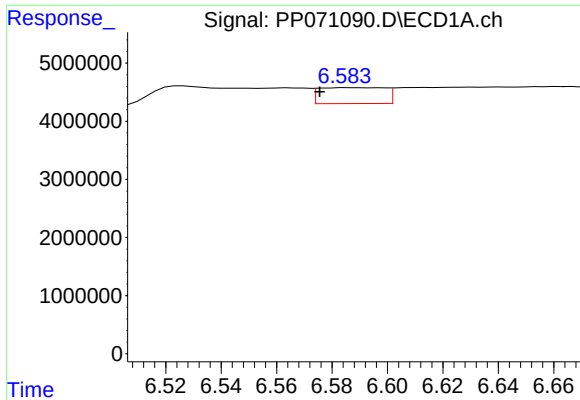
#19 AR-1242-4

R.T.: 5.876 min  
Delta R.T.: 0.031 min  
Response: 390884  
Conc: 12.81 ng/ml



#19 AR-1242-4

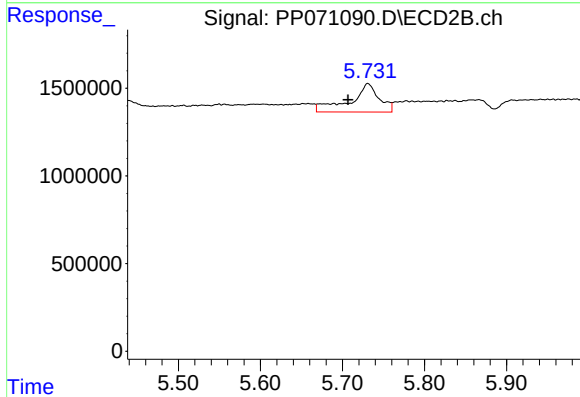
R.T.: 5.182 min  
Delta R.T.: 0.000 min  
Response: 1187119  
Conc: 45.00 ng/ml



#20 AR-1242-5

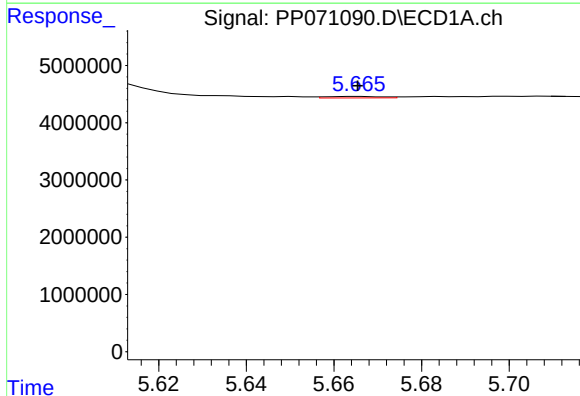
R.T.: 6.585 min  
Delta R.T.: 0.010 min  
Response: 4513599  
Conc: 123.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



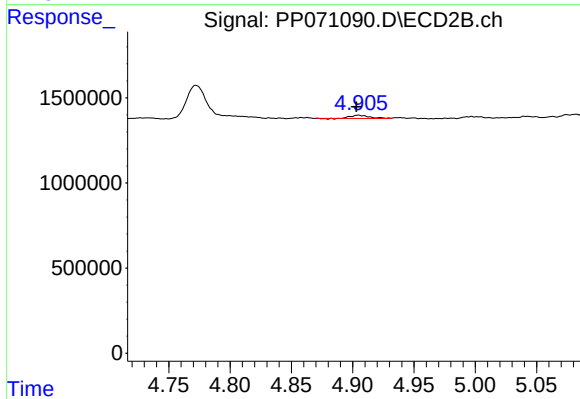
#20 AR-1242-5

R.T.: 5.731 min  
Delta R.T.: 0.024 min  
Response: 3952839  
Conc: 127.68 ng/ml



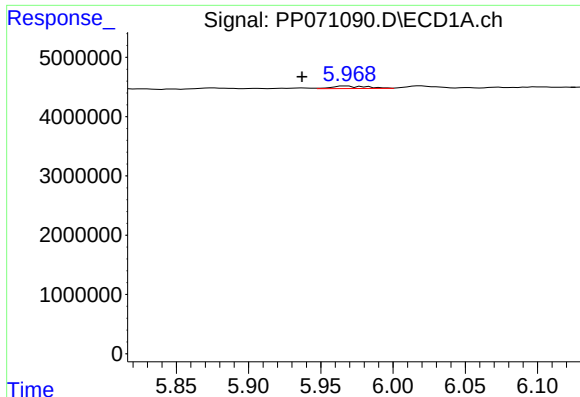
#21 AR-1248-1

R.T.: 5.666 min  
Delta R.T.: 0.000 min  
Response: 219195  
Conc: 6.04 ng/ml



#21 AR-1248-1

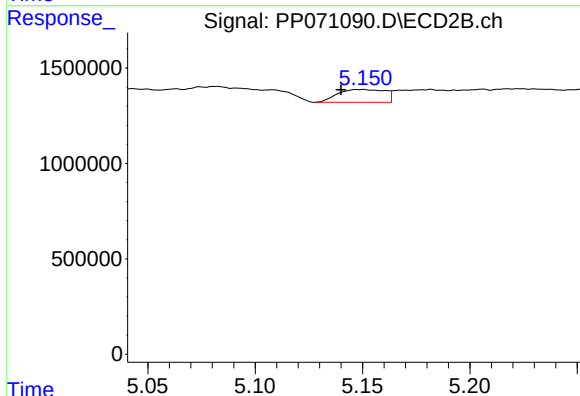
R.T.: 4.905 min  
Delta R.T.: 0.002 min  
Response: 188526  
Conc: 6.96 ng/ml



#22 AR-1248-2

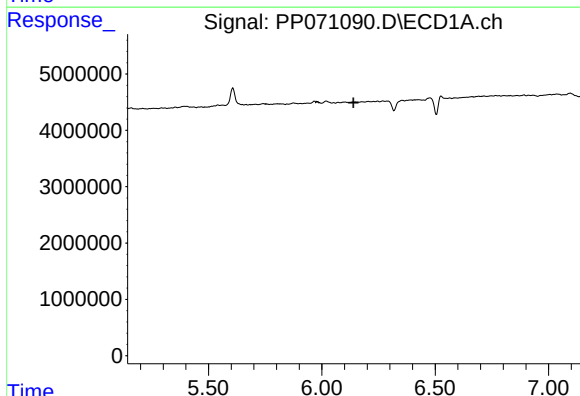
R.T.: 5.968 min  
Delta R.T.: 0.031 min  
Response: 731470  
Conc: 16.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



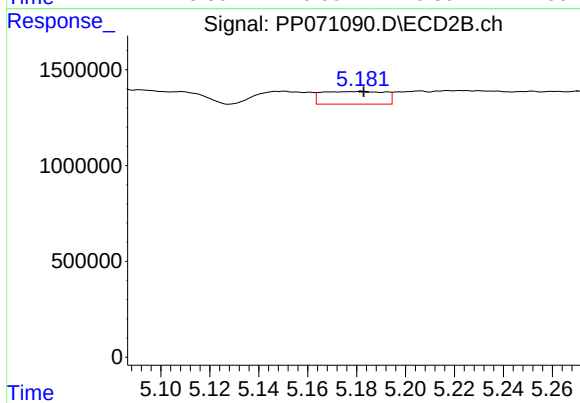
#22 AR-1248-2

R.T.: 5.150 min  
Delta R.T.: 0.010 min  
Response: 1029116  
Conc: 28.02 ng/ml



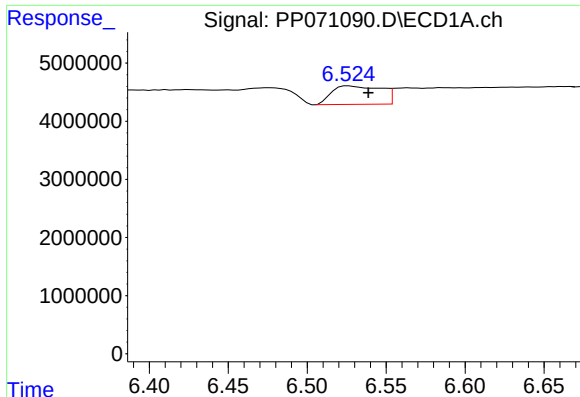
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 6.140 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

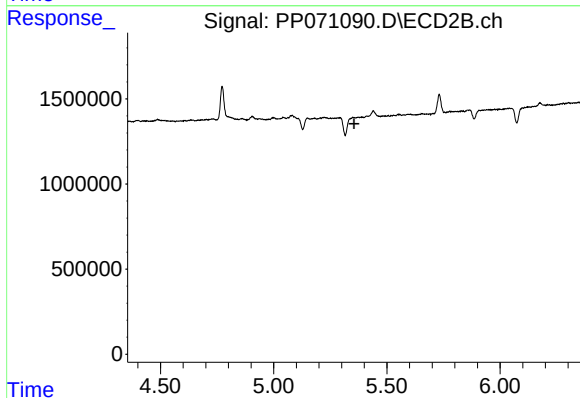
R.T.: 5.182 min  
Delta R.T.: -0.001 min  
Response: 1187119  
Conc: 30.71 ng/ml



#24 AR-1248-4

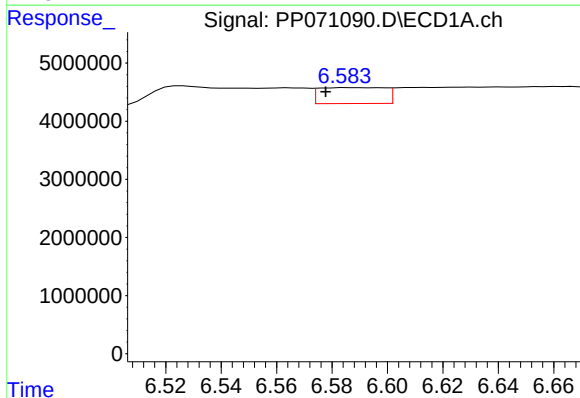
R.T.: 6.526 min  
Delta R.T.: -0.013 min  
Response: 6923629  
Conc: 107.93 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



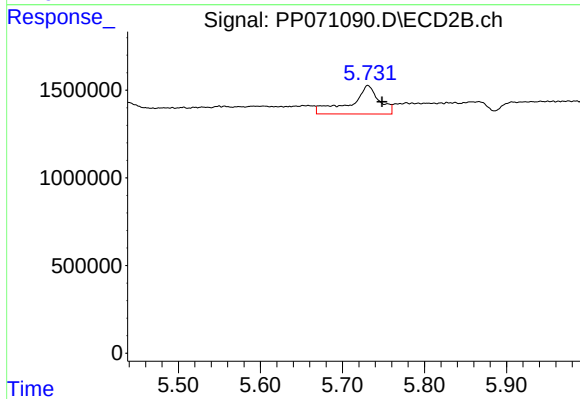
#24 AR-1248-4

R.T.: 5.355 min  
Delta R.T.: 0.000 min  
Response: -395094  
Conc: N.D.



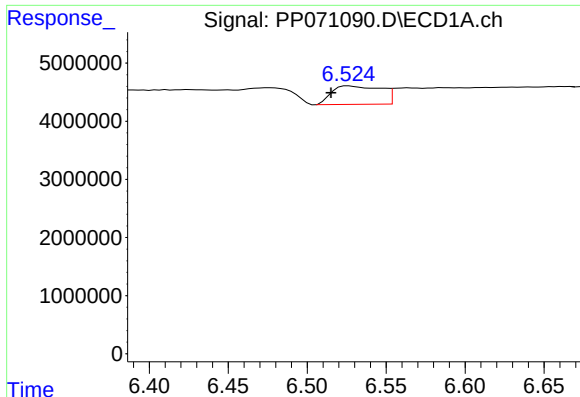
#25 AR-1248-5

R.T.: 6.585 min  
Delta R.T.: 0.007 min  
Response: 4513599  
Conc: 74.18 ng/ml



#25 AR-1248-5

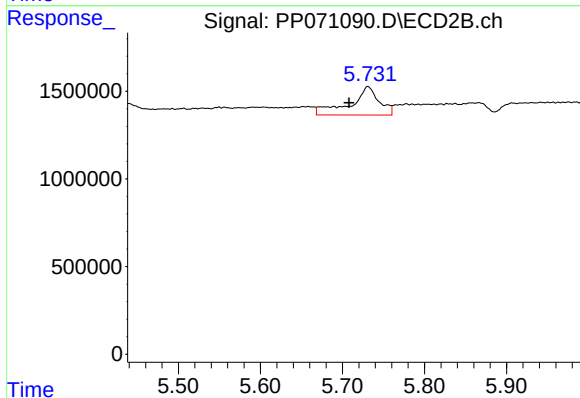
R.T.: 5.731 min  
Delta R.T.: -0.017 min  
Response: 3952839  
Conc: 92.62 ng/ml



#26 AR-1254-1

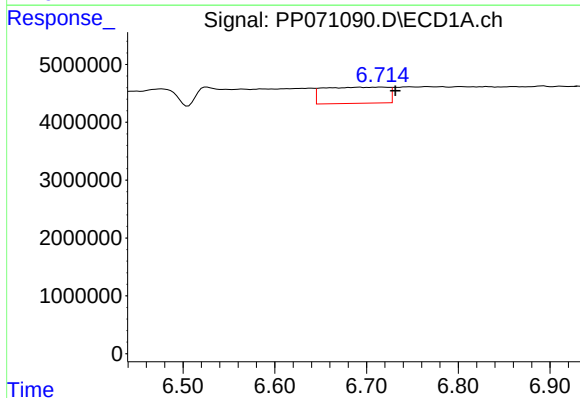
R.T.: 6.526 min  
Delta R.T.: 0.011 min  
Response: 6923629  
Conc: 107.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



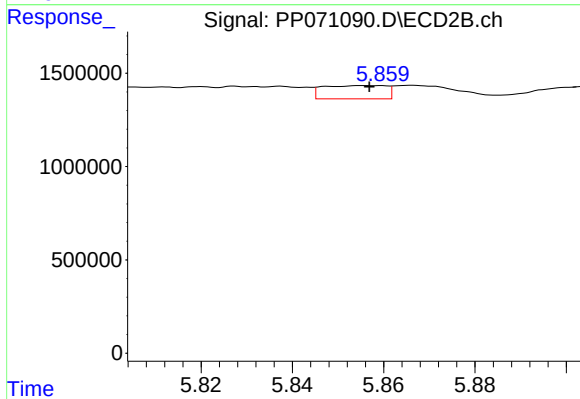
#26 AR-1254-1

R.T.: 5.731 min  
Delta R.T.: 0.023 min  
Response: 3952839  
Conc: 59.88 ng/ml



#27 AR-1254-2

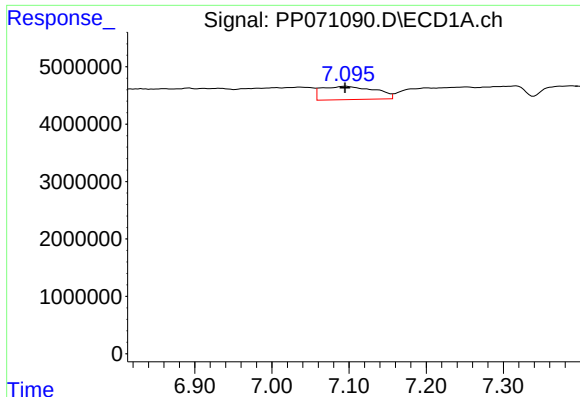
R.T.: 6.716 min  
Delta R.T.: -0.016 min  
Response: 13535199  
Conc: 133.89 ng/ml



#27 AR-1254-2

R.T.: 5.857 min  
Delta R.T.: 0.000 min  
Response: 683207  
Conc: 11.97 ng/ml

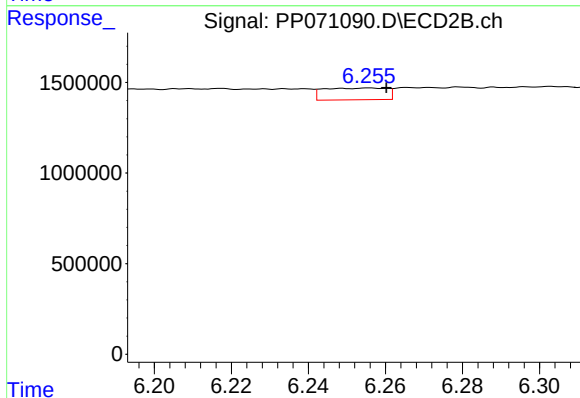




#28 AR-1254-3

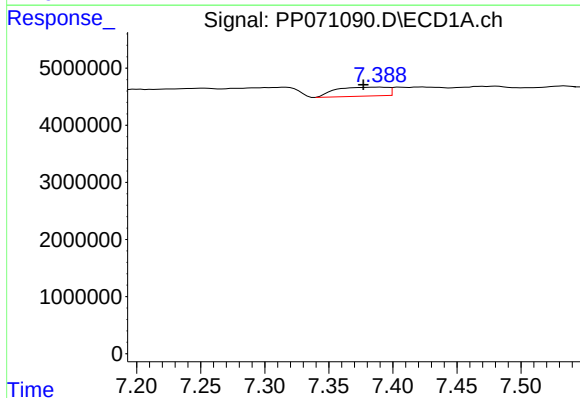
R.T.: 7.096 min  
Delta R.T.: 0.002 min  
Response: 11140055  
Conc: 111.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



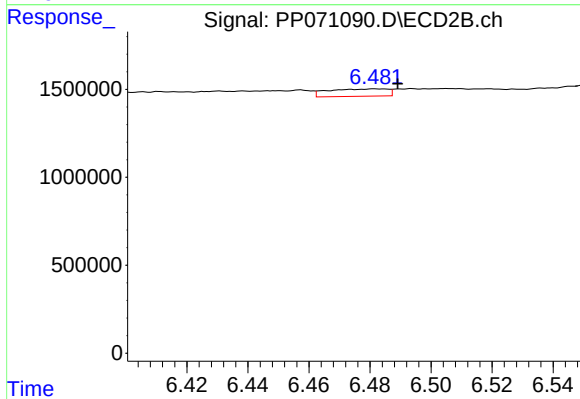
#28 AR-1254-3

R.T.: 6.256 min  
Delta R.T.: -0.005 min  
Response: 737763  
Conc: 8.50 ng/ml



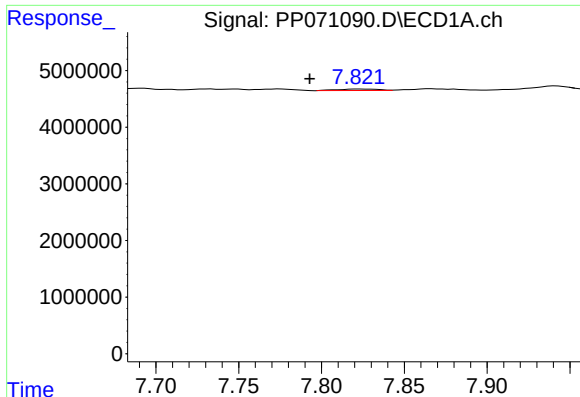
#29 AR-1254-4

R.T.: 7.389 min  
Delta R.T.: 0.012 min  
Response: 4387687  
Conc: 50.67 ng/ml



#29 AR-1254-4

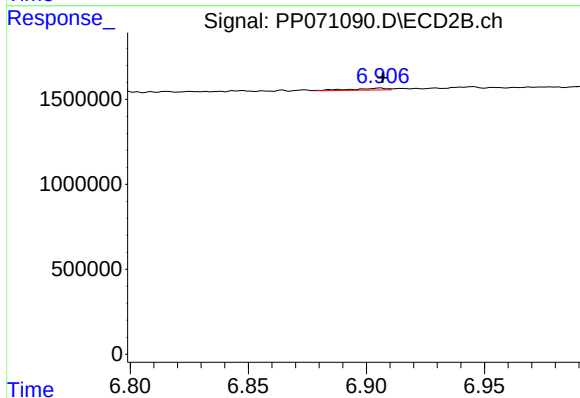
R.T.: 6.482 min  
Delta R.T.: -0.007 min  
Response: 568683  
Conc: 10.14 ng/ml



#30 AR-1254-5

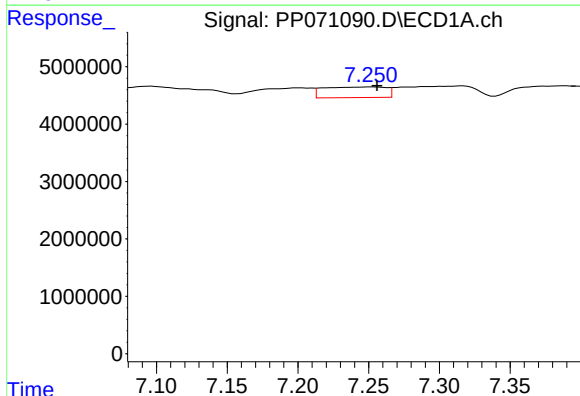
R.T.: 7.822 min  
Delta R.T.: 0.029 min  
Response: 457814  
Conc: 5.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



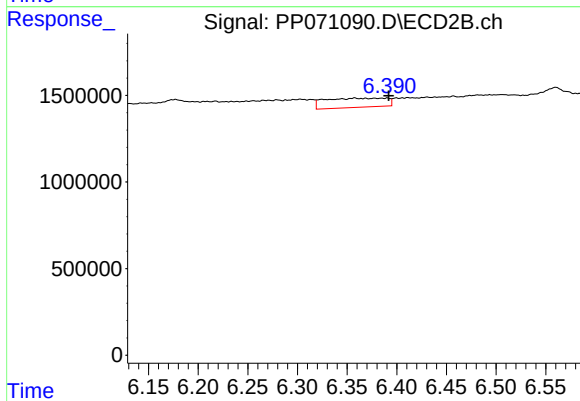
#30 AR-1254-5

R.T.: 6.906 min  
Delta R.T.: -0.001 min  
Response: 107319  
Conc: 1.49 ng/ml



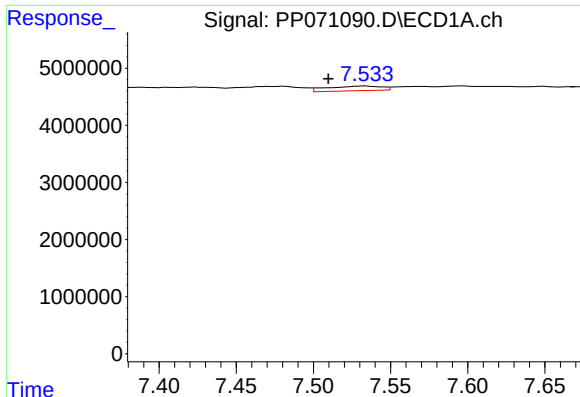
#31 AR-1260-1

R.T.: 7.252 min  
Delta R.T.: -0.004 min  
Response: 5681389  
Conc: 84.60 ng/ml



#31 AR-1260-1

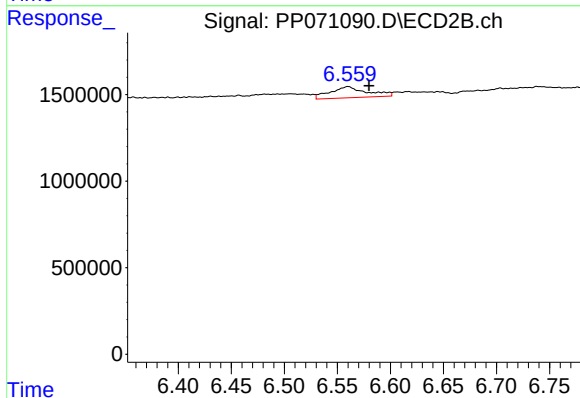
R.T.: 6.390 min  
Delta R.T.: -0.001 min  
Response: 2272614  
Conc: 44.38 ng/ml



#32 AR-1260-2

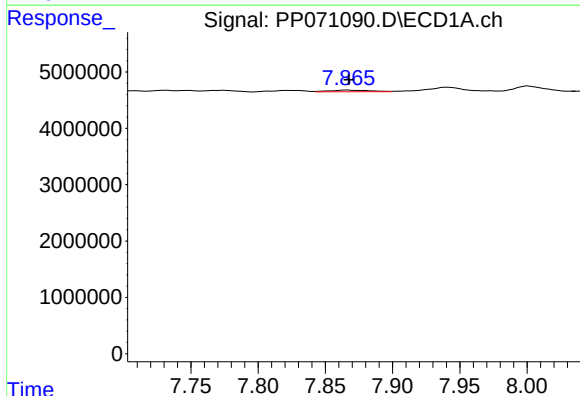
R.T.: 7.534 min  
Delta R.T.: 0.024 min  
Response: 2021555  
Conc: 21.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



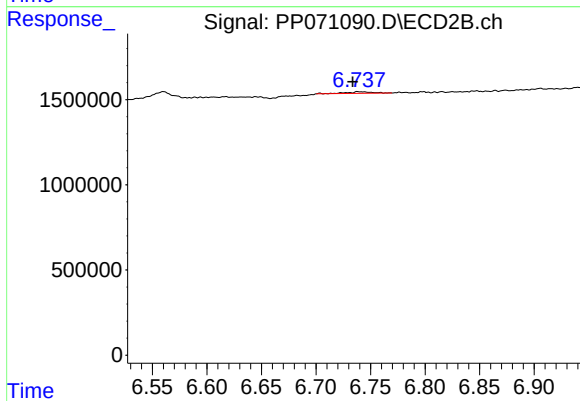
#32 AR-1260-2

R.T.: 6.560 min  
Delta R.T.: -0.020 min  
Response: 1545720  
Conc: 24.23 ng/ml



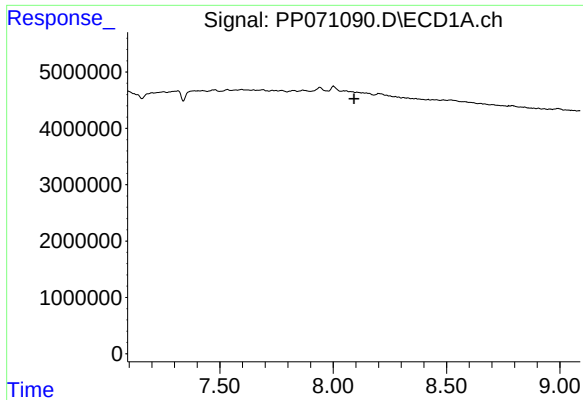
#33 AR-1260-3

R.T.: 7.867 min  
Delta R.T.: -0.001 min  
Response: 575450  
Conc: 7.20 ng/ml



#33 AR-1260-3

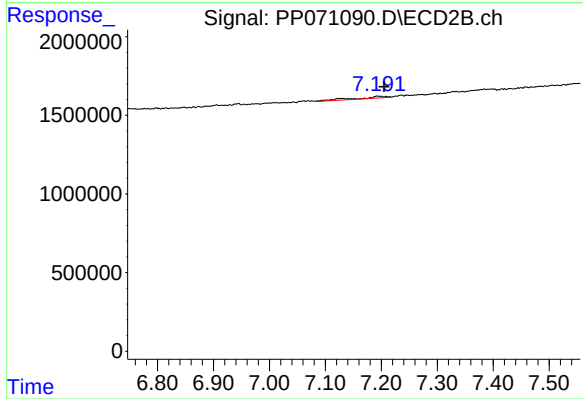
R.T.: 6.739 min  
Delta R.T.: 0.005 min  
Response: 164907  
Conc: 3.03 ng/ml



#34 AR-1260-4

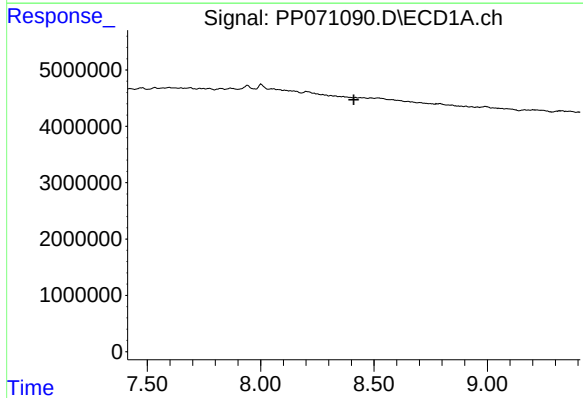
R.T.: 0.000 min  
Exp R.T.: 8.092 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



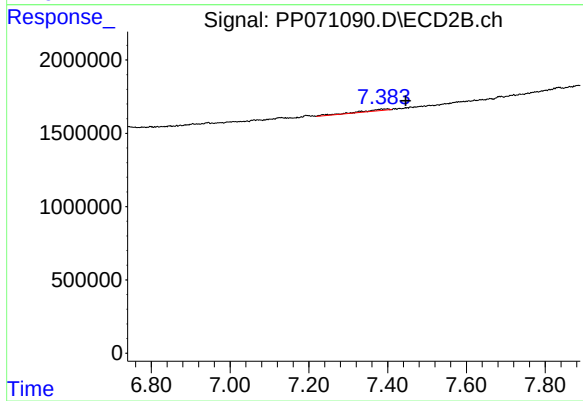
#34 AR-1260-4

R.T.: 7.194 min  
Delta R.T.: -0.011 min  
Response: 411648  
Conc: 8.61 ng/ml



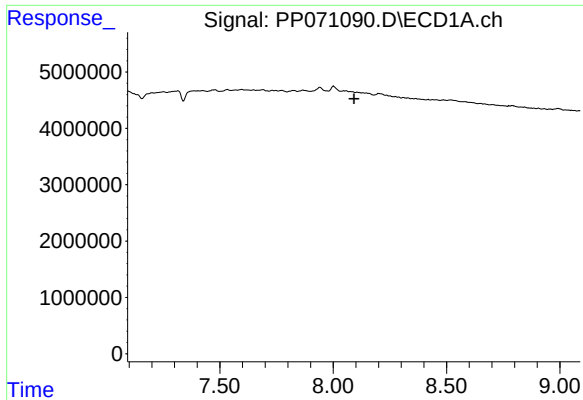
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.411 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

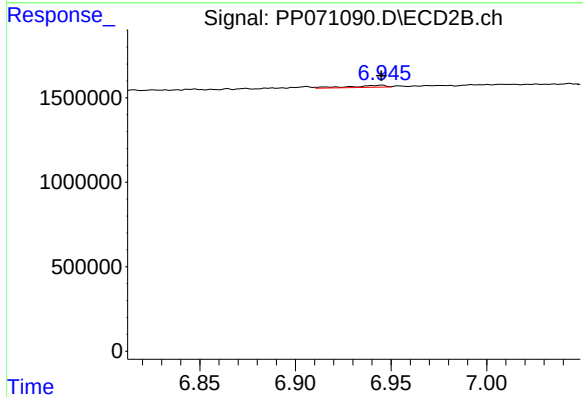
R.T.: 7.399 min  
Delta R.T.: -0.047 min  
Response: 569008  
Conc: 4.57 ng/ml



#36 AR-1262-1

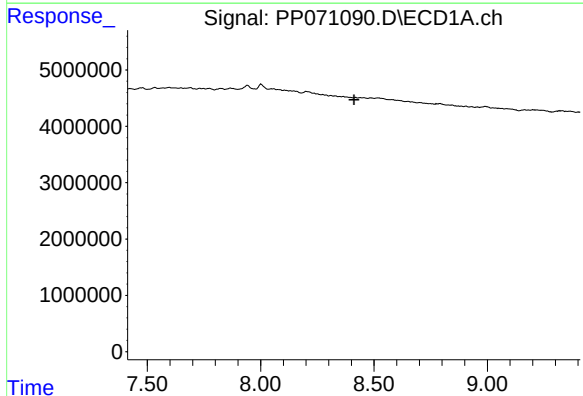
R.T.: 0.000 min  
Exp R.T.: 8.093 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



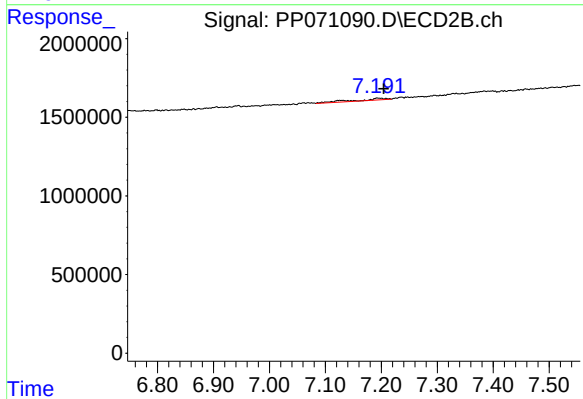
#36 AR-1262-1

R.T.: 6.945 min  
Delta R.T.: 0.000 min  
Response: 156028  
Conc: 1.82 ng/ml



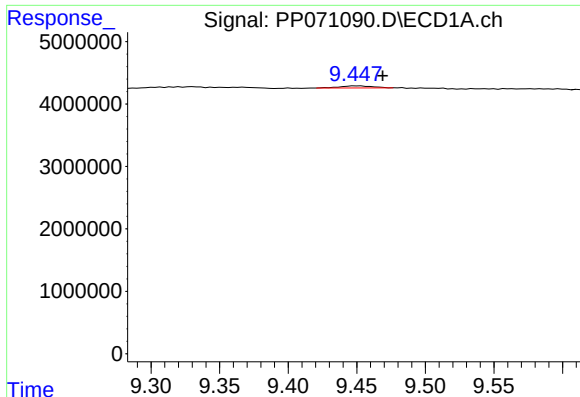
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.412 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

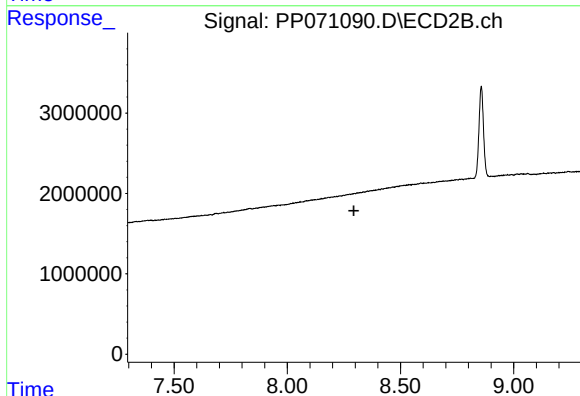
R.T.: 7.194 min  
Delta R.T.: -0.010 min  
Response: 411648  
Conc: 6.01 ng/ml



#40 AR-1262-5

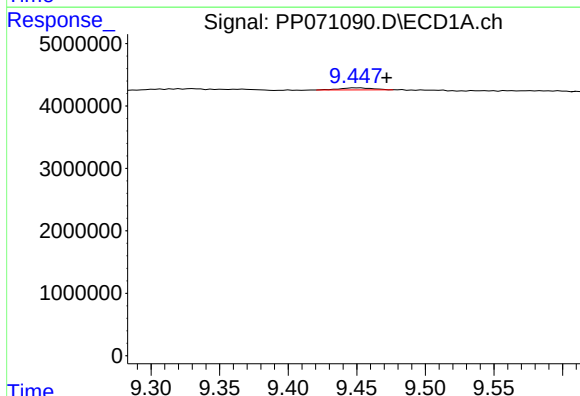
R.T.: 9.449 min  
Delta R.T.: -0.020 min  
Response: 519789  
Conc: 7.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



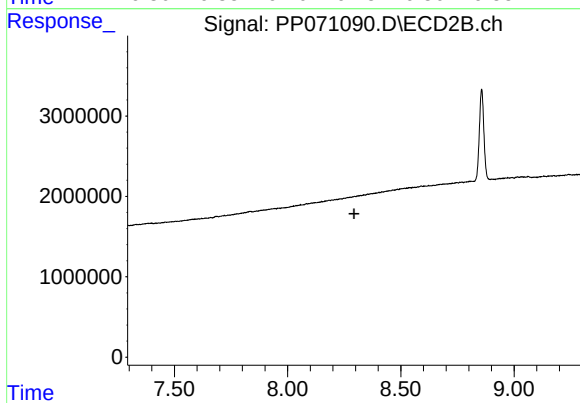
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 8.294 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

R.T.: 9.449 min  
Delta R.T.: -0.022 min  
Response: 519789  
Conc: 7.35 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 8.293 min  
Response: 0  
Conc: N.D.