

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP022725\  
 Data File : PP070091.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Feb 2025 15:06  
 Operator : YP\AJ  
 Sample : Q1445-04 10X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 FDH119M-2-2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 27 15:20:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP022425.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Feb 25 05:10:19 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... | 4.530  | 3.832  | 2590854 | 2356725 | 1.765   | 2.465 #  |
| 2)                          | SA Decachlor... | 10.262 | 8.890  | 2426358 | 2403627 | 2.130   | 2.217    |
| Target Compounds            |                 |        |        |         |         |         |          |
| 3)                          | L1 AR-1016-1    | 5.616f | 4.930  | 8221122 | 243575  | 164.996 | 7.293 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.930  | 0       | 243575  | N.D.    | 5.228 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.124  | 0       | 48468   | N.D.    | 1.936 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.134  | 0       | 96442   | N.D.    | 4.805 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.387  | 0       | 112298  | N.D.    | 4.328 #  |
| 8)                          | L2 AR-1221-1    | 4.742  | 4.050  | 758389  | 156732  | 40.093  | 11.678 # |
| 9)                          | L2 AR-1221-2    | 4.841  | 4.167f | 515523  | 83666   | 35.330  | 8.230 #  |
| 10)                         | L2 AR-1221-3    | 4.872  | 4.203  | 1011698 | 142518  | 23.442  | 4.694 #  |
| 11)                         | L3 AR-1232-1    | 4.872  | 4.203  | 1011698 | 142518  | 30.766  | 6.267 #  |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.930  | 0       | 243575  | N.D.    | 10.668 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.124  | 0       | 48468   | N.D.    | 4.031 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.196  | 0       | 88531   | N.D.    | 8.148 #  |
| 15)                         | L3 AR-1232-5    | 5.954  | 5.387  | 878547  | 112298  | 69.686  | 9.933 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.930  | 0       | 243575  | N.D.    | 9.134 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.930  | 0       | 243575  | N.D.    | 6.548 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.124  | 0       | 48468   | N.D.    | 2.462 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.196  | 0       | 88531   | N.D.    | 4.504 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.732  | 0       | 158522  | N.D.    | 6.374 #  |
| 21)                         | L5 AR-1248-1    | 5.616f | 4.930  | 8221122 | 243575  | 251.332 | 11.506 # |
| 22)                         | L5 AR-1248-2    | 5.954  | 5.134  | 878547  | 96442   | 20.842  | 3.414 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.196  | 0       | 88531   | N.D.    | 2.975 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.387  | 0       | 112298  | N.D.    | 3.195 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.761  | 0       | 167882  | N.D.    | 4.642 #  |
| 26)                         | L6 AR-1254-1    | 6.479f | 5.732  | 5345643 | 158522  | 94.279  | 2.905 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.859  | 0       | 328565  | N.D.    | 6.740 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.291  | 0       | 495554  | N.D.    | 6.536 #  |
| 29)                         | L6 AR-1254-4    | 7.403  | 6.525  | 2415592 | 369472  | 32.419  | 7.180 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.408  | 0       | 399015  | N.D.    | 8.055 #  |
| 32)                         | L7 AR-1260-2    | 7.474f | 6.594  | 1873873 | 2560325 | 22.929  | 39.137 # |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.758  | 0       | 994945  | N.D.    | 16.494 # |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.738  | 0       | 314849  | N.D.    | 5.197 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.380f | 0       | 130148  | N.D.    | 2.506 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.738  | 0       | 314849  | N.D.    | 1.900 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.380f | 0       | 130148  | N.D.    | 2.447 #  |
| -----                       |                 |        |        |         |         |         |          |

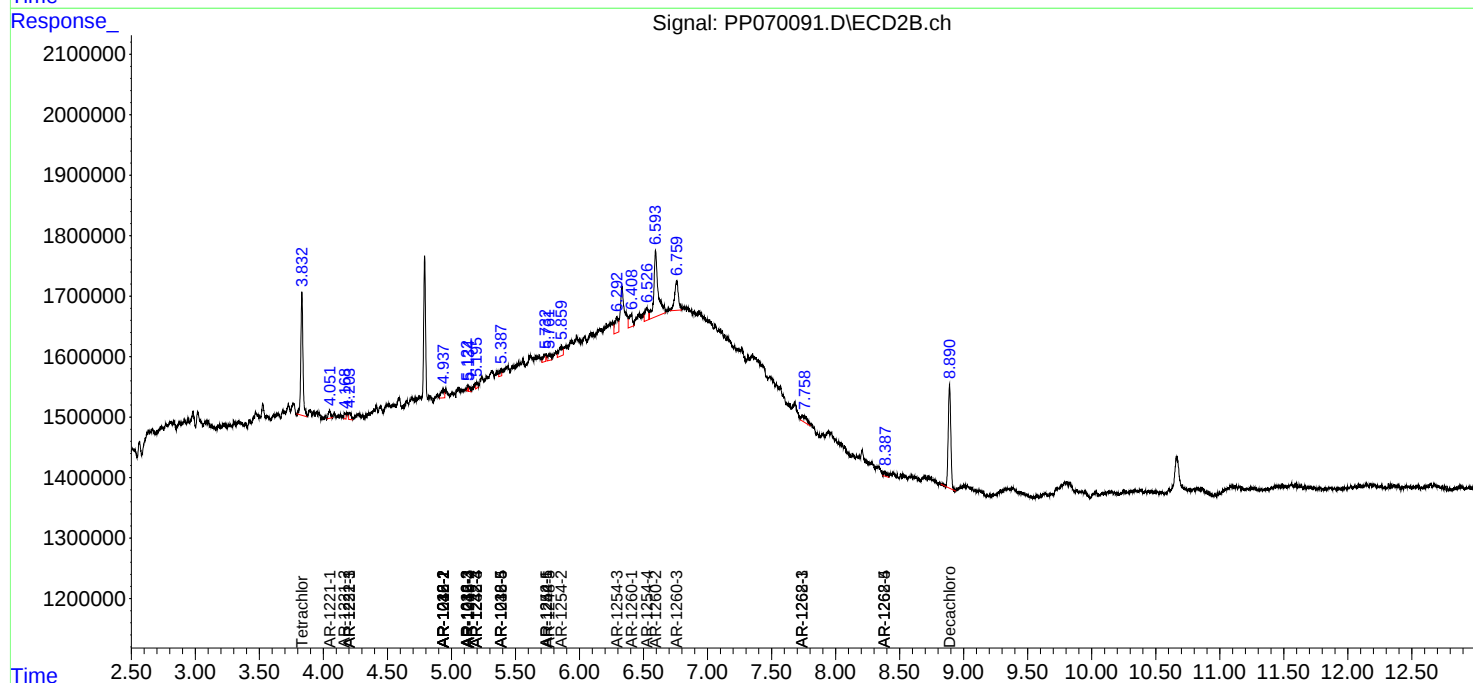
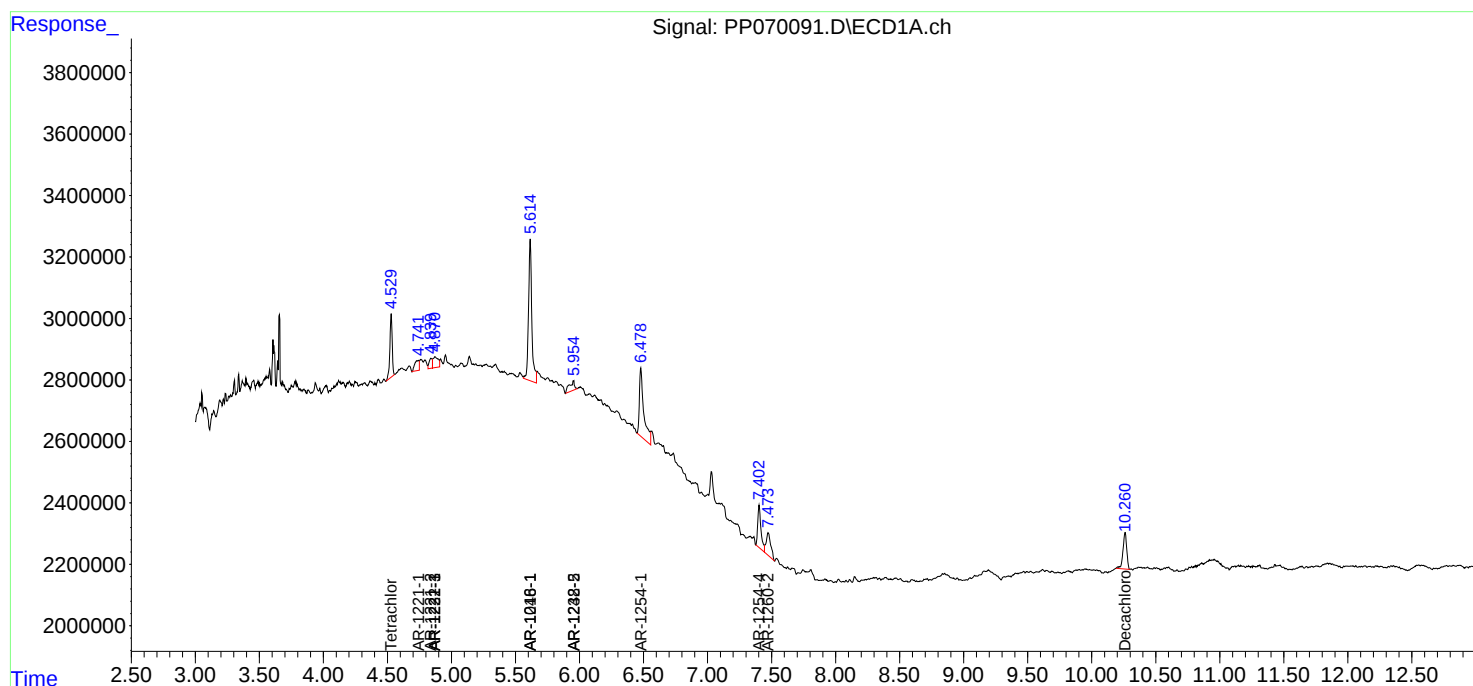
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

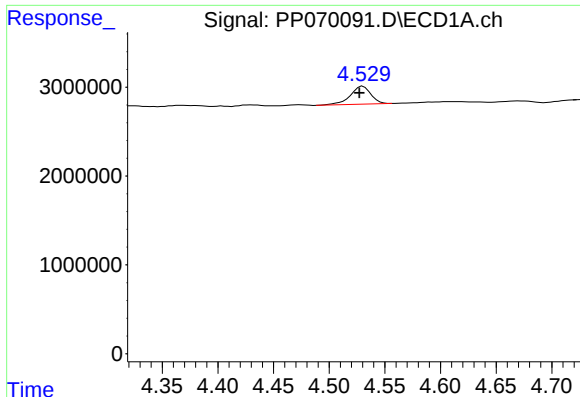
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP022725\  
Data File : PP070091.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Feb 2025 15:06  
Operator : YP\AJ  
Sample : Q1445-04 10X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 27 15:20:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP022425.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Feb 25 05:10:19 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

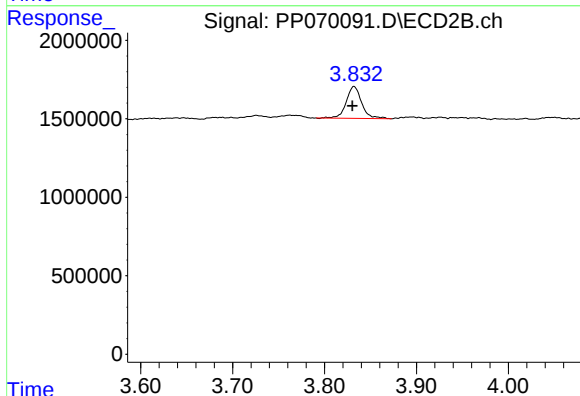




#1 Tetrachloro-m-xylene

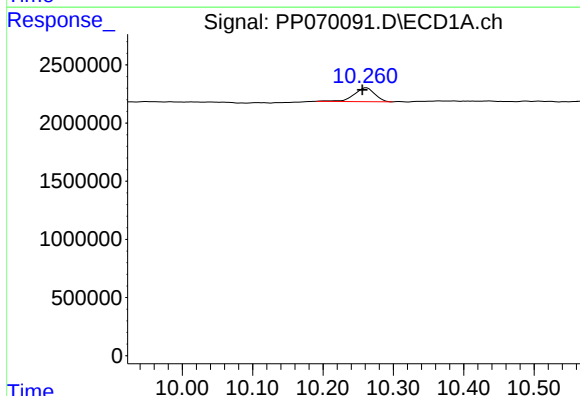
R.T.: 4.530 min  
Delta R.T.: 0.003 min  
Response: 2590854  
Conc: 1.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



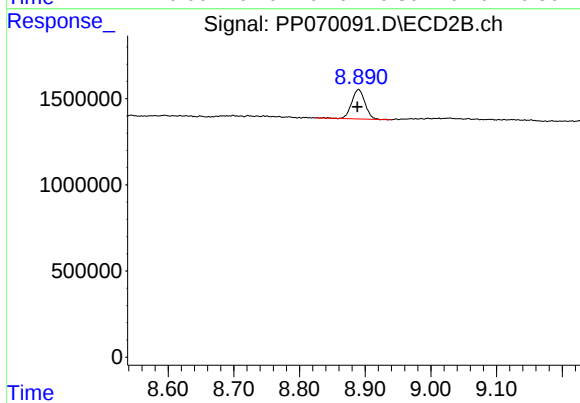
#1 Tetrachloro-m-xylene

R.T.: 3.832 min  
Delta R.T.: 0.002 min  
Response: 2356725  
Conc: 2.47 ng/ml



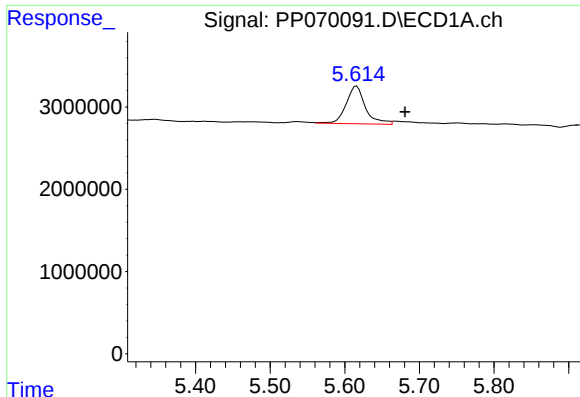
#2 Decachlorobiphenyl

R.T.: 10.262 min  
Delta R.T.: 0.006 min  
Response: 2426358  
Conc: 2.13 ng/ml



#2 Decachlorobiphenyl

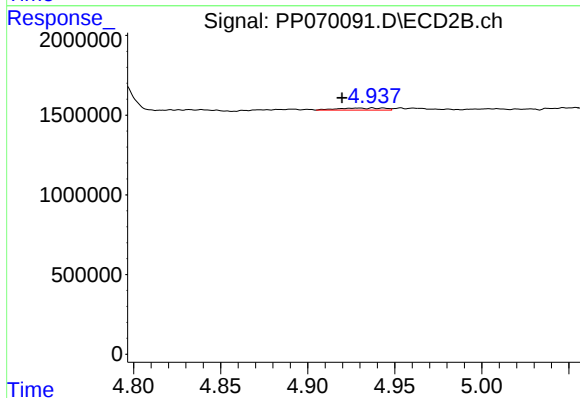
R.T.: 8.890 min  
Delta R.T.: 0.002 min  
Response: 2403627  
Conc: 2.22 ng/ml



#3 AR-1016-1

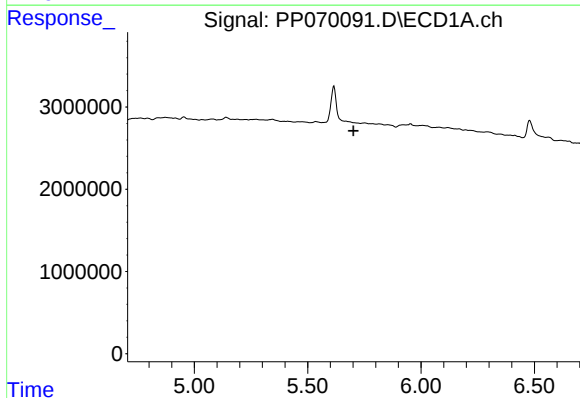
R.T.: 5.616 min  
Delta R.T.: -0.065 min  
Response: 8221122  
Conc: 165.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



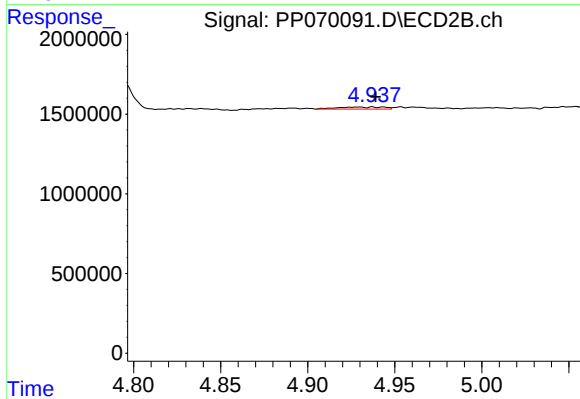
#3 AR-1016-1

R.T.: 4.930 min  
Delta R.T.: 0.010 min  
Response: 243575  
Conc: 7.29 ng/ml



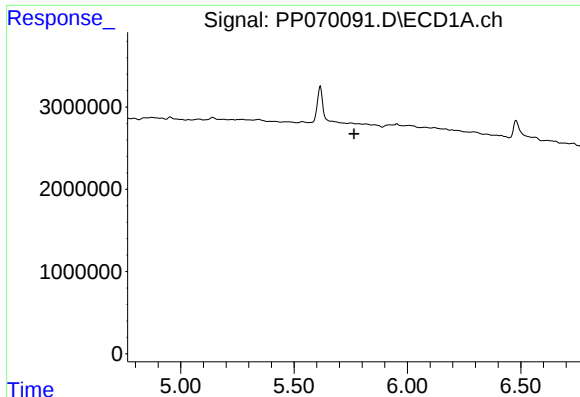
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.702 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

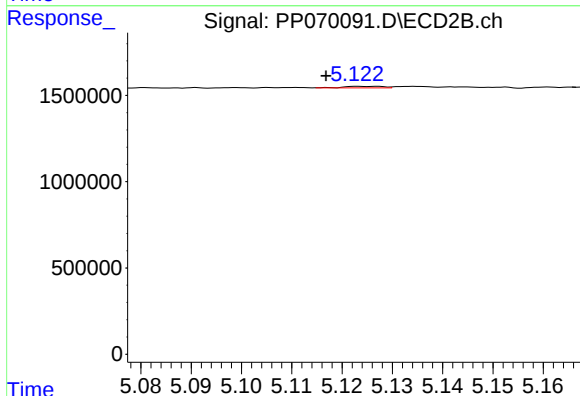
R.T.: 4.930 min  
Delta R.T.: -0.010 min  
Response: 243575  
Conc: 5.23 ng/ml



#5 AR-1016-3

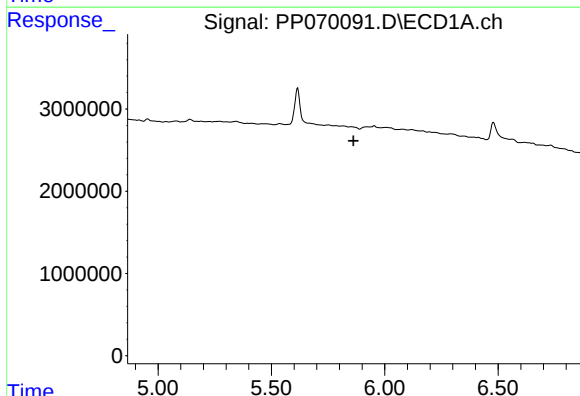
R.T.: 0.000 min  
Exp R.T.: 5.765 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



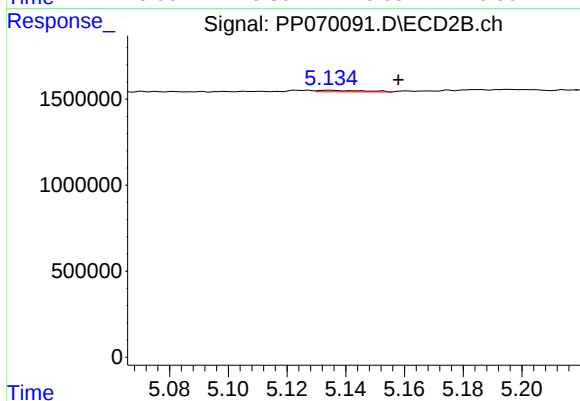
#5 AR-1016-3

R.T.: 5.124 min  
Delta R.T.: 0.007 min  
Response: 48468  
Conc: 1.94 ng/ml



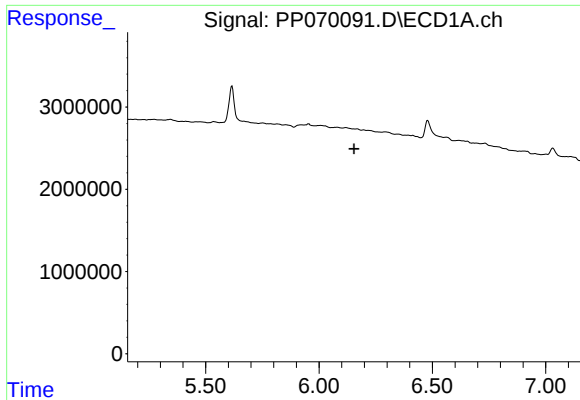
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.862 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

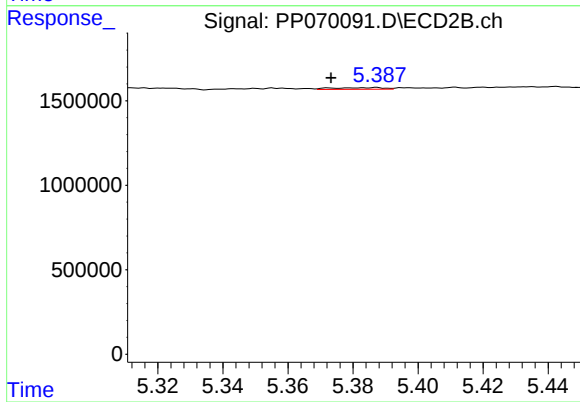
R.T.: 5.134 min  
Delta R.T.: -0.024 min  
Response: 96442  
Conc: 4.81 ng/ml



#7 AR-1016-5

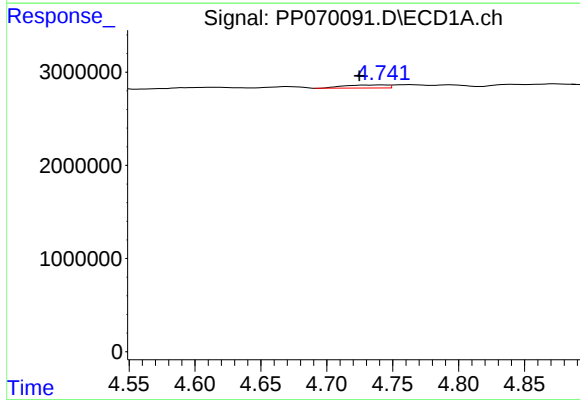
R.T.: 0.000 min  
Exp R.T.: 6.156 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



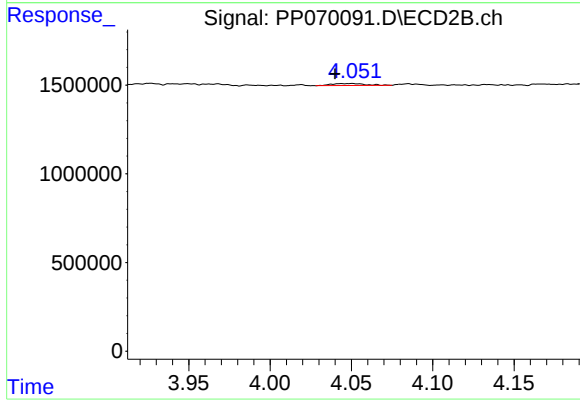
#7 AR-1016-5

R.T.: 5.387 min  
Delta R.T.: 0.014 min  
Response: 112298  
Conc: 4.33 ng/ml



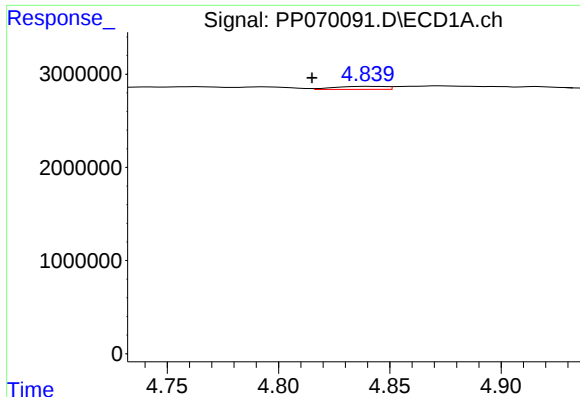
#8 AR-1221-1

R.T.: 4.742 min  
Delta R.T.: 0.018 min  
Response: 758389  
Conc: 40.09 ng/ml



#8 AR-1221-1

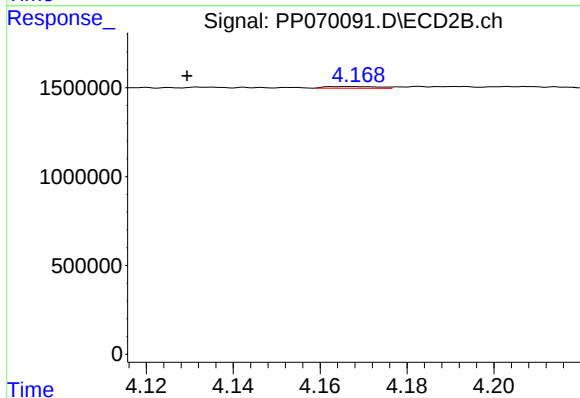
R.T.: 4.050 min  
Delta R.T.: 0.010 min  
Response: 156732  
Conc: 11.68 ng/ml



#9 AR-1221-2

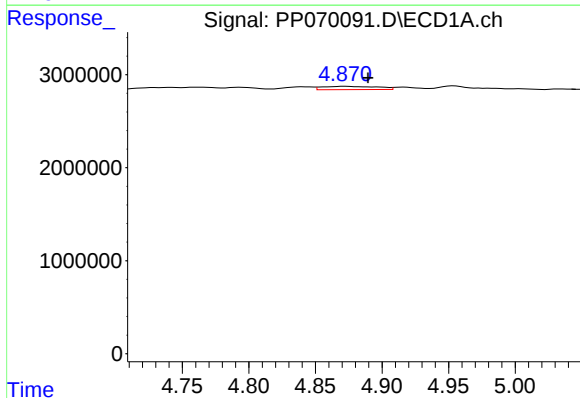
R.T.: 4.841 min  
Delta R.T.: 0.026 min  
Response: 515523  
Conc: 35.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



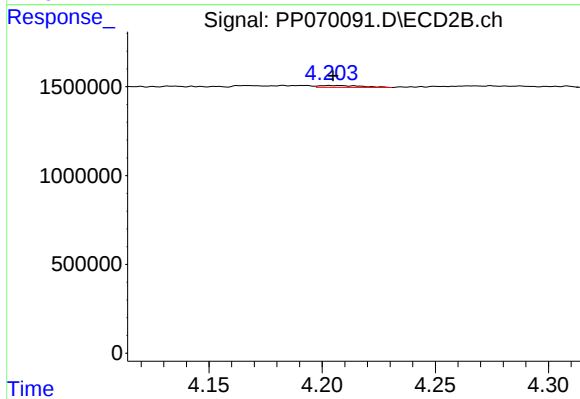
#9 AR-1221-2

R.T.: 4.167 min  
Delta R.T.: 0.038 min  
Response: 83666  
Conc: 8.23 ng/ml



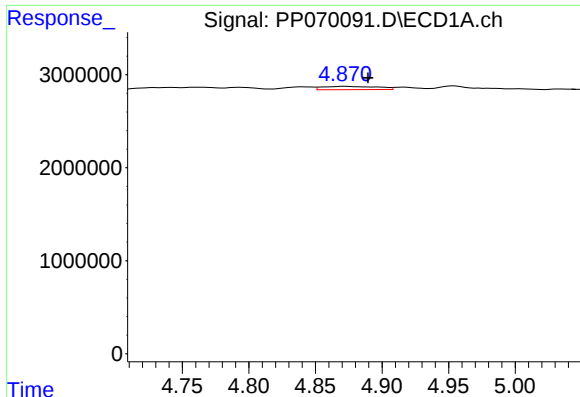
#10 AR-1221-3

R.T.: 4.872 min  
Delta R.T.: -0.017 min  
Response: 1011698  
Conc: 23.44 ng/ml



#10 AR-1221-3

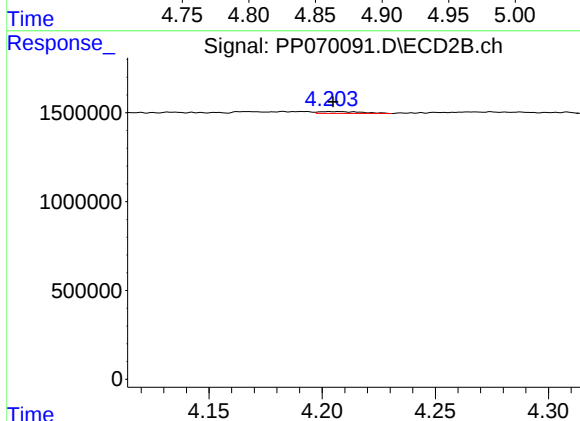
R.T.: 4.203 min  
Delta R.T.: -0.001 min  
Response: 142518  
Conc: 4.69 ng/ml



#11 AR-1232-1

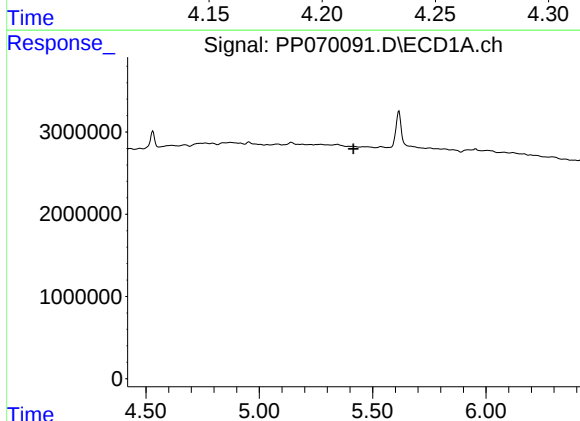
R.T.: 4.872 min  
Delta R.T.: -0.017 min  
Response: 1011698  
Conc: 30.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



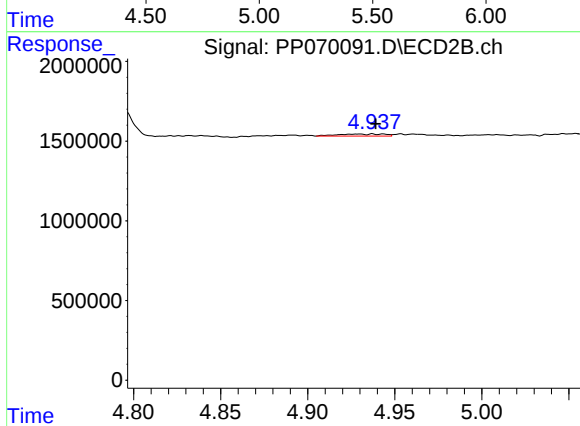
#11 AR-1232-1

R.T.: 4.203 min  
Delta R.T.: -0.001 min  
Response: 142518  
Conc: 6.27 ng/ml



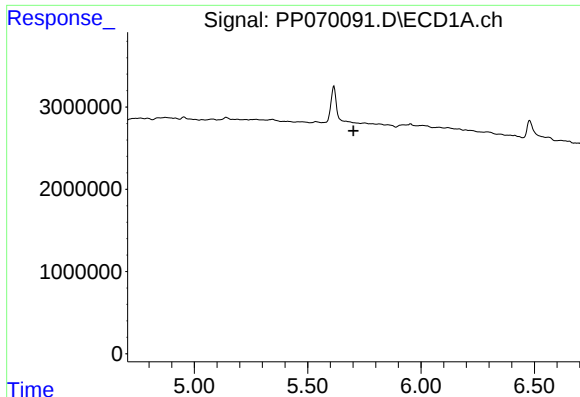
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.416 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

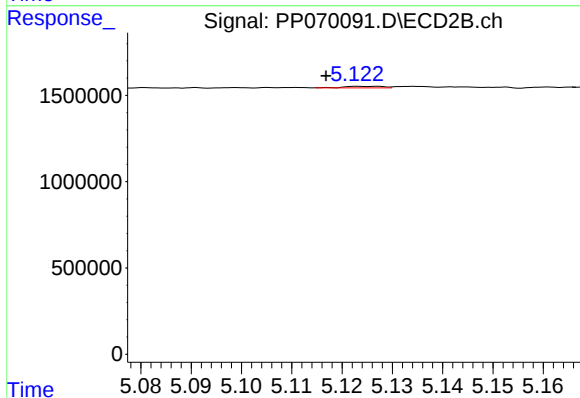
R.T.: 4.930 min  
Delta R.T.: -0.010 min  
Response: 243575  
Conc: 10.67 ng/ml



#13 AR-1232-3

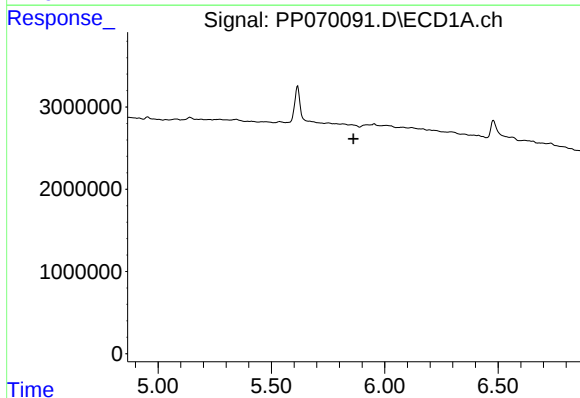
R.T.: 0.000 min  
Exp R.T.: 5.702 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



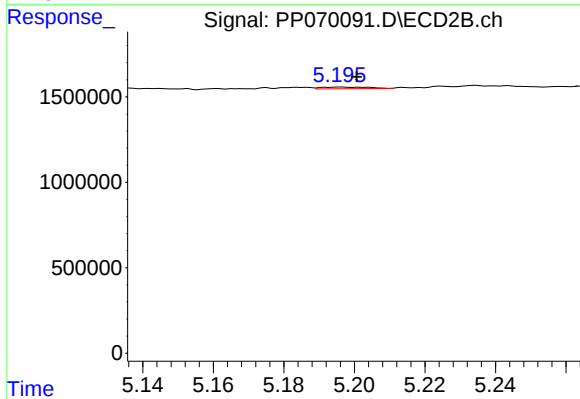
#13 AR-1232-3

R.T.: 5.124 min  
Delta R.T.: 0.007 min  
Response: 48468  
Conc: 4.03 ng/ml



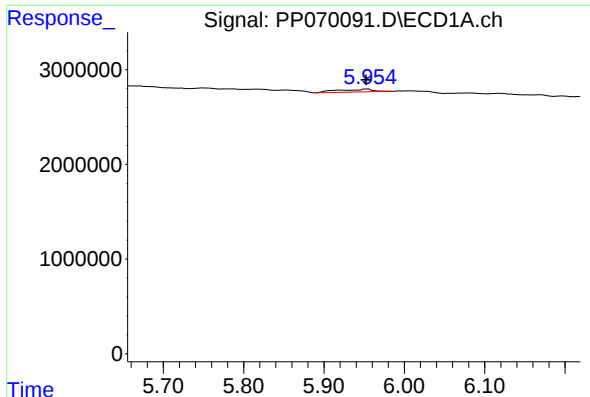
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.862 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

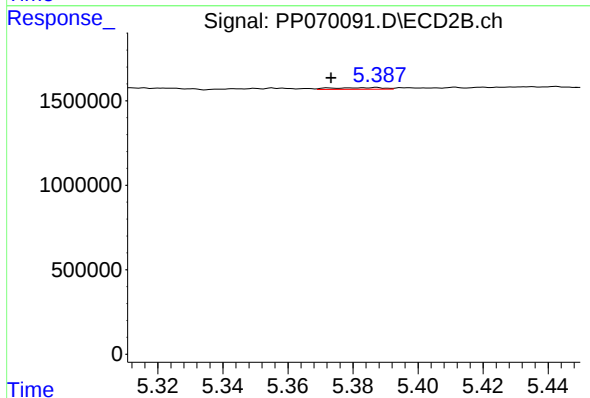
R.T.: 5.196 min  
Delta R.T.: -0.005 min  
Response: 88531  
Conc: 8.15 ng/ml



#15 AR-1232-5

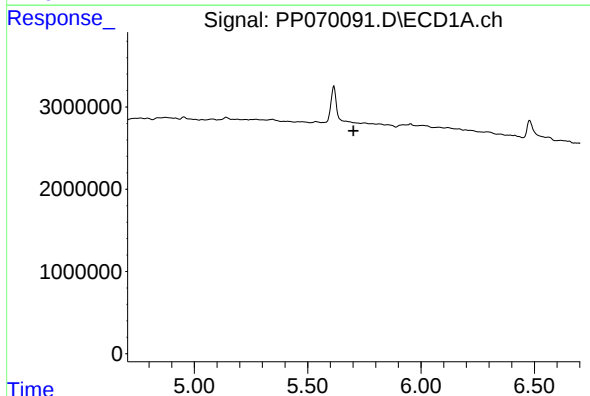
R.T.: 5.954 min  
Delta R.T.: 0.001 min  
Response: 878547  
Conc: 69.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



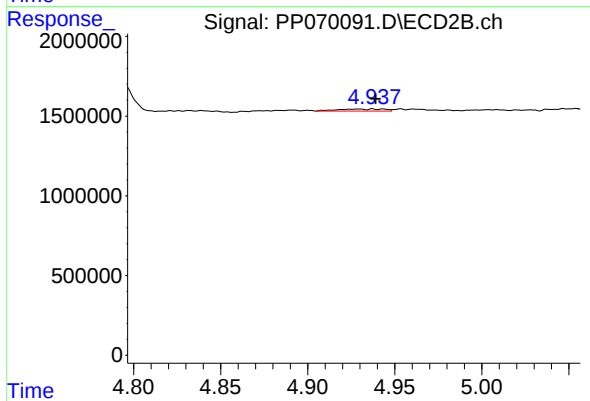
#15 AR-1232-5

R.T.: 5.387 min  
Delta R.T.: 0.014 min  
Response: 112298  
Conc: 9.93 ng/ml



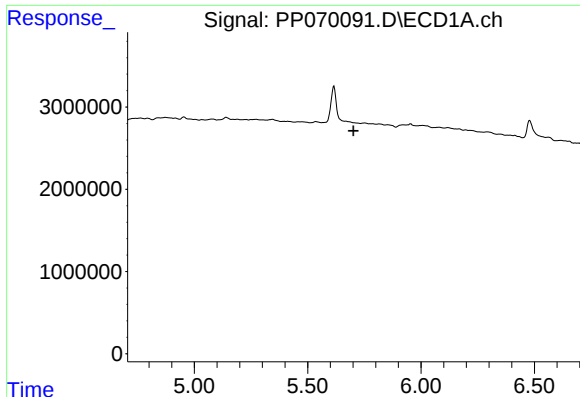
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.702 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

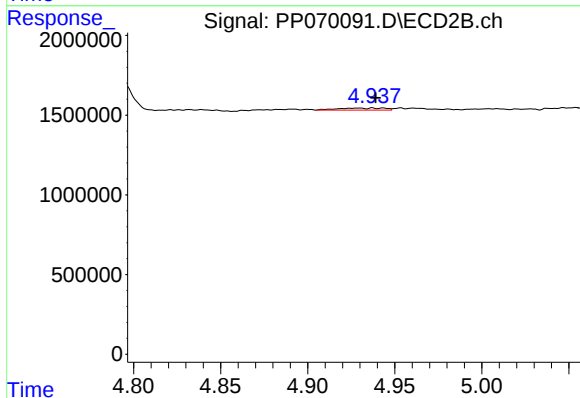
R.T.: 4.930 min  
Delta R.T.: -0.010 min  
Response: 243575  
Conc: 9.13 ng/ml



#17 AR-1242-2

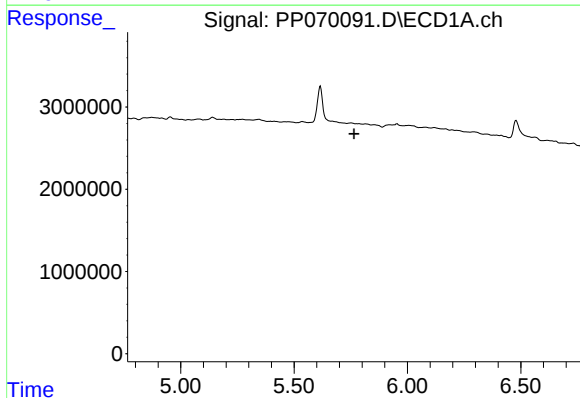
R.T.: 0.000 min  
Exp R.T.: 5.702 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



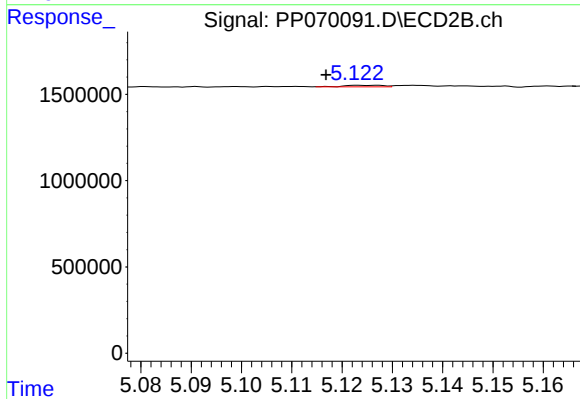
#17 AR-1242-2

R.T.: 4.930 min  
Delta R.T.: -0.010 min  
Response: 243575  
Conc: 6.55 ng/ml



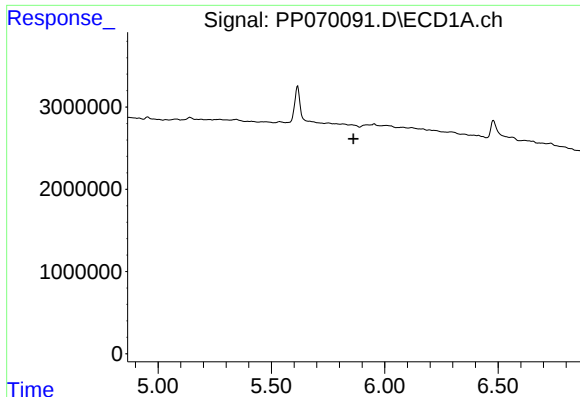
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.765 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

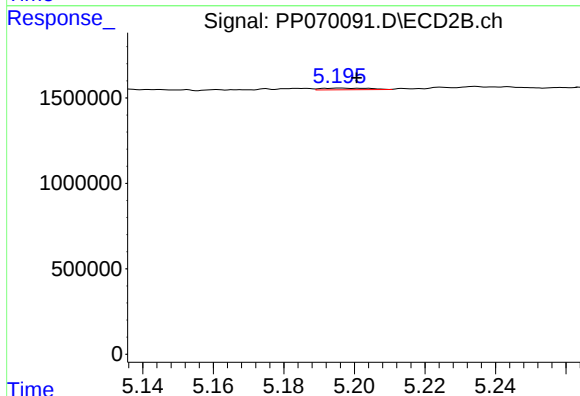
R.T.: 5.124 min  
Delta R.T.: 0.007 min  
Response: 48468  
Conc: 2.46 ng/ml



#19 AR-1242-4

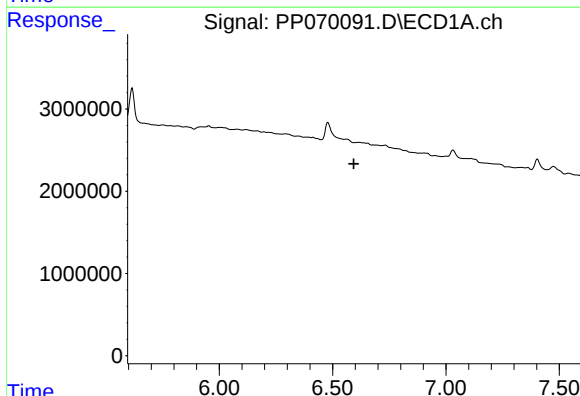
R.T.: 0.000 min  
Exp R.T.: 5.862 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



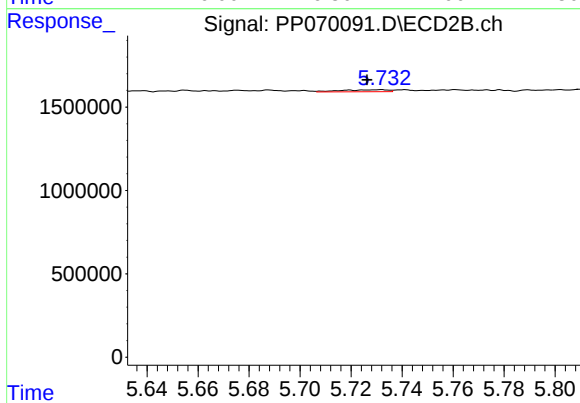
#19 AR-1242-4

R.T.: 5.196 min  
Delta R.T.: -0.005 min  
Response: 88531  
Conc: 4.50 ng/ml



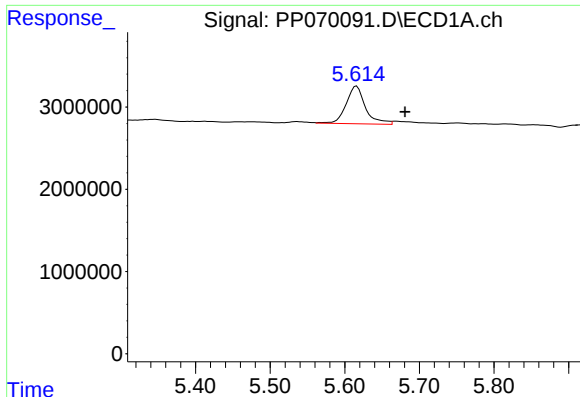
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.594 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

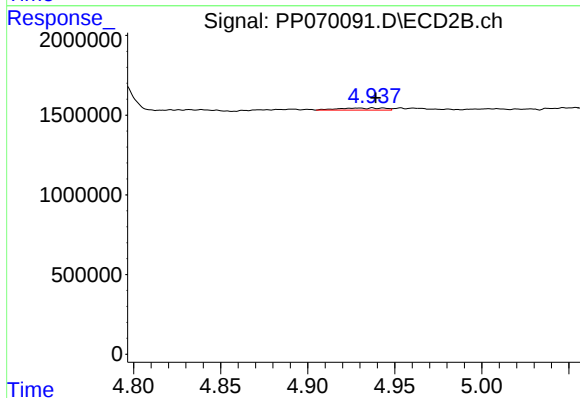
R.T.: 5.732 min  
Delta R.T.: 0.005 min  
Response: 158522  
Conc: 6.37 ng/ml



#21 AR-1248-1

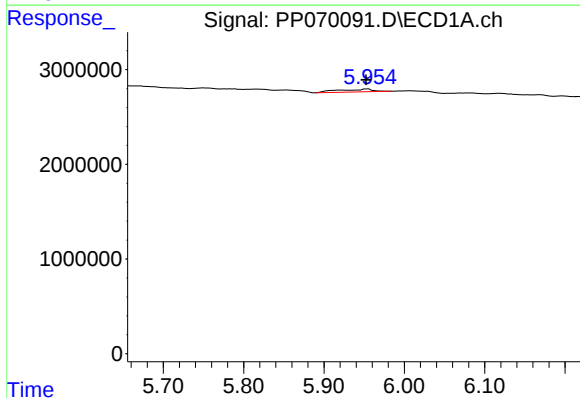
R.T.: 5.616 min  
Delta R.T.: -0.065 min  
Response: 8221122  
Conc: 251.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



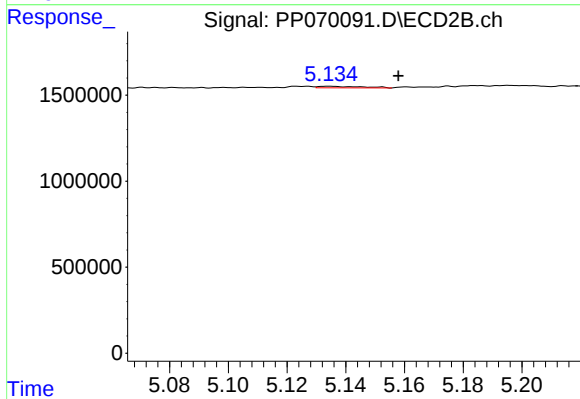
#21 AR-1248-1

R.T.: 4.930 min  
Delta R.T.: -0.010 min  
Response: 243575  
Conc: 11.51 ng/ml



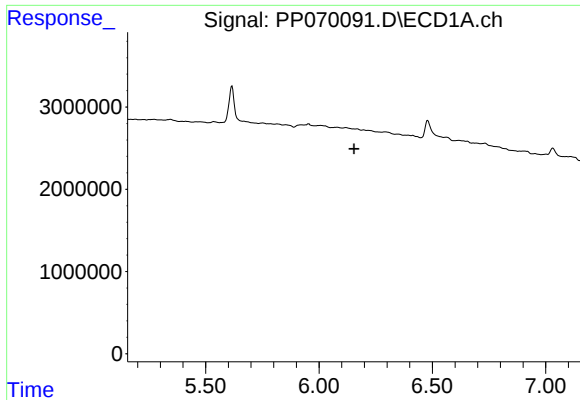
#22 AR-1248-2

R.T.: 5.954 min  
Delta R.T.: 0.001 min  
Response: 878547  
Conc: 20.84 ng/ml



#22 AR-1248-2

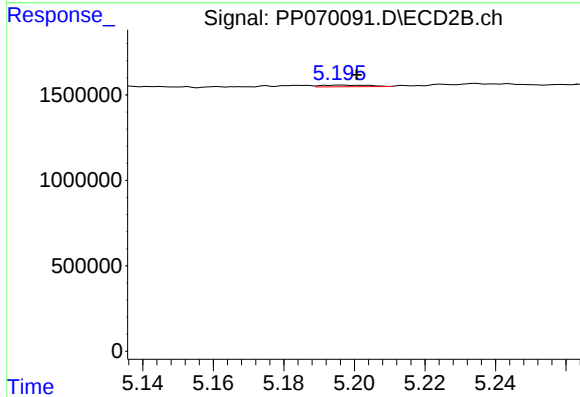
R.T.: 5.134 min  
Delta R.T.: -0.024 min  
Response: 96442  
Conc: 3.41 ng/ml



#23 AR-1248-3

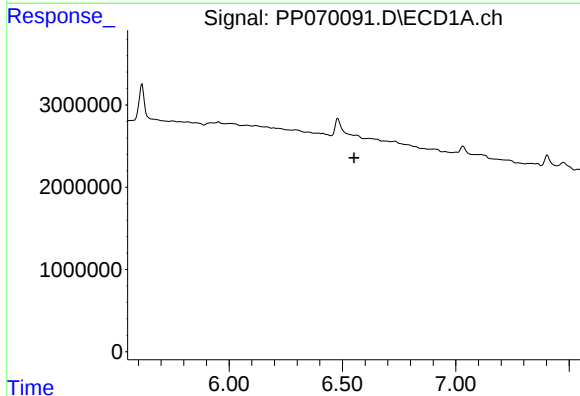
R.T.: 0.000 min  
Exp R.T.: 6.156 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



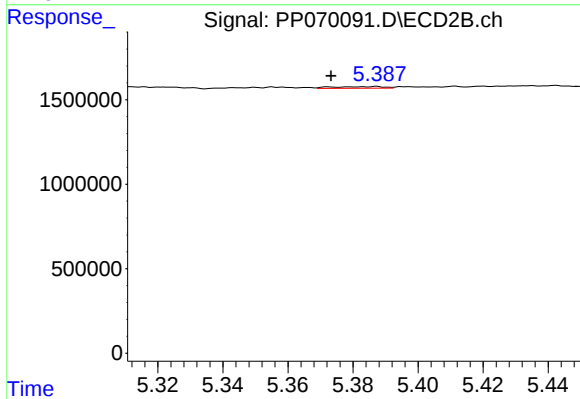
#23 AR-1248-3

R.T.: 5.196 min  
Delta R.T.: -0.005 min  
Response: 88531  
Conc: 2.98 ng/ml



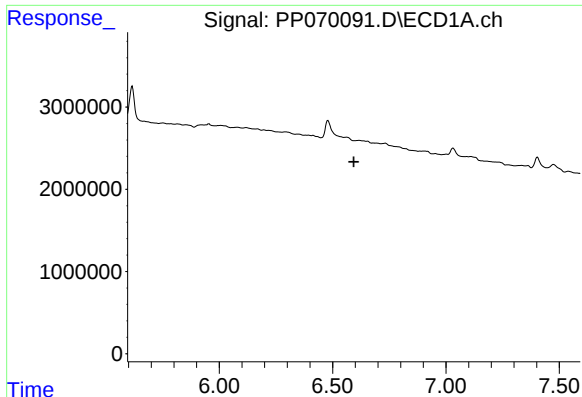
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.552 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

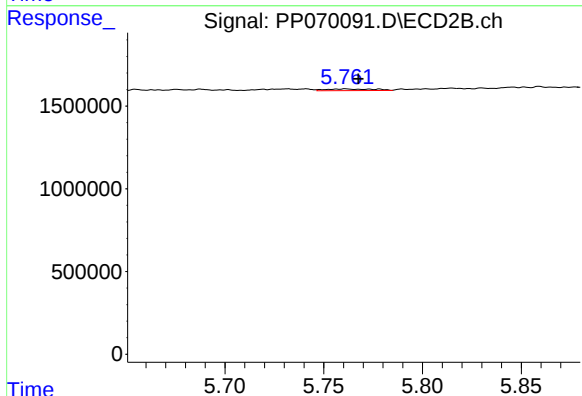
R.T.: 5.387 min  
Delta R.T.: 0.014 min  
Response: 112298  
Conc: 3.20 ng/ml



#25 AR-1248-5

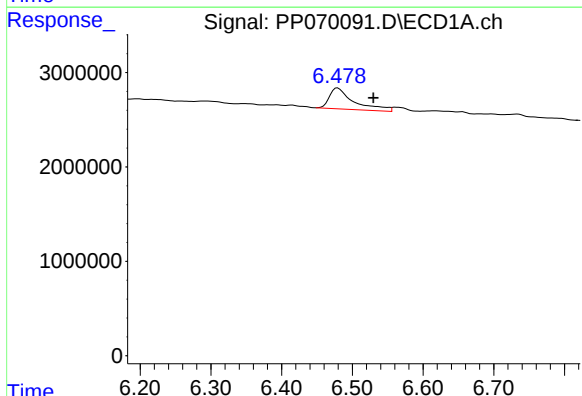
R.T.: 0.000 min  
Exp R.T.: 6.594 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



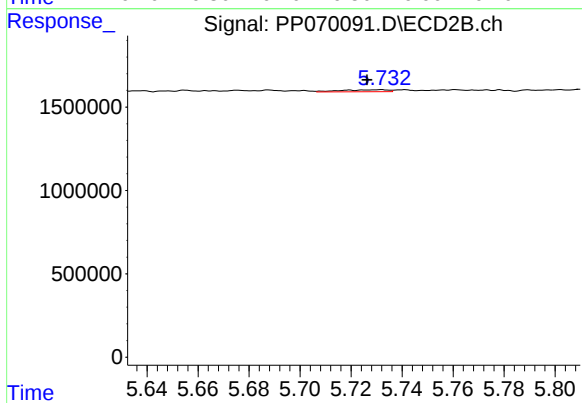
#25 AR-1248-5

R.T.: 5.761 min  
Delta R.T.: -0.006 min  
Response: 167882  
Conc: 4.64 ng/ml



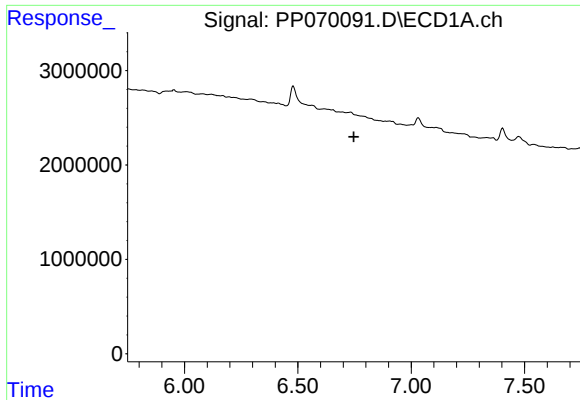
#26 AR-1254-1

R.T.: 6.479 min  
Delta R.T.: -0.051 min  
Response: 5345643  
Conc: 94.28 ng/ml



#26 AR-1254-1

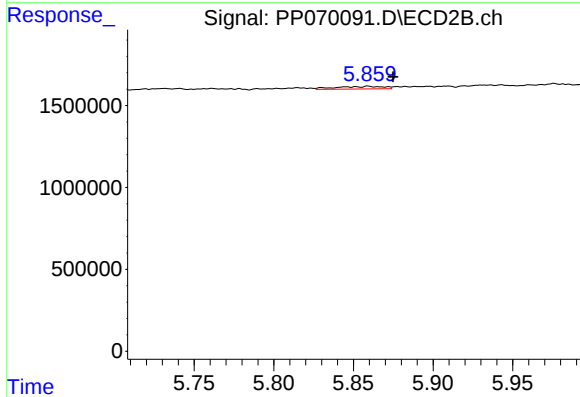
R.T.: 5.732 min  
Delta R.T.: 0.005 min  
Response: 158522  
Conc: 2.90 ng/ml



#27 AR-1254-2

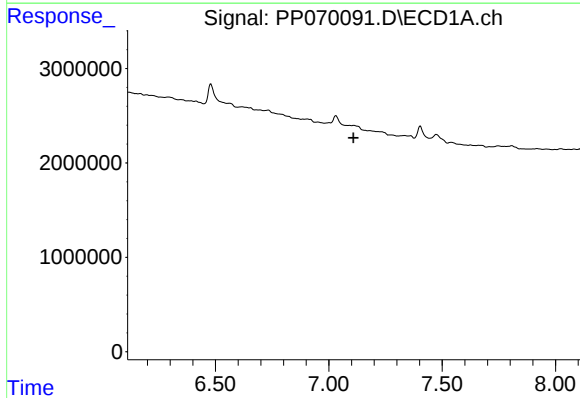
R.T.: 0.000 min  
Exp R.T.: 6.747 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



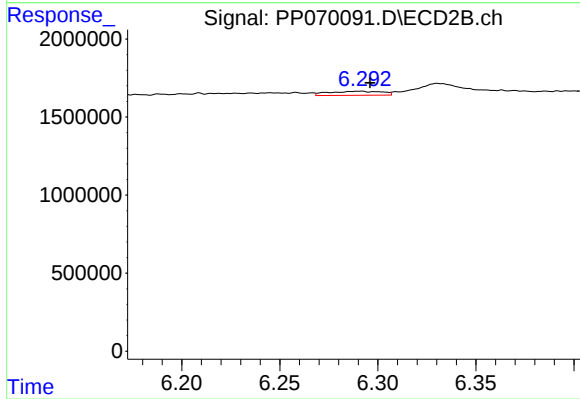
#27 AR-1254-2

R.T.: 5.859 min  
Delta R.T.: -0.016 min  
Response: 328565  
Conc: 6.74 ng/ml



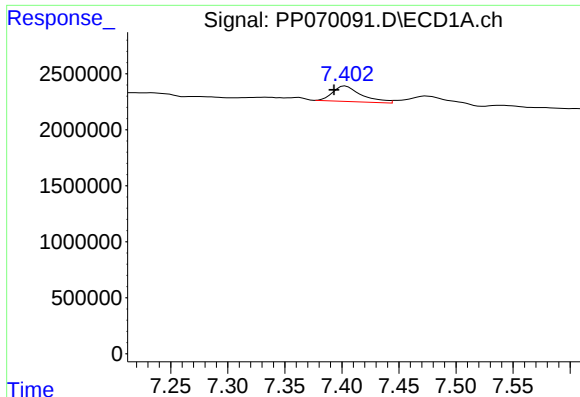
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 7.109 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

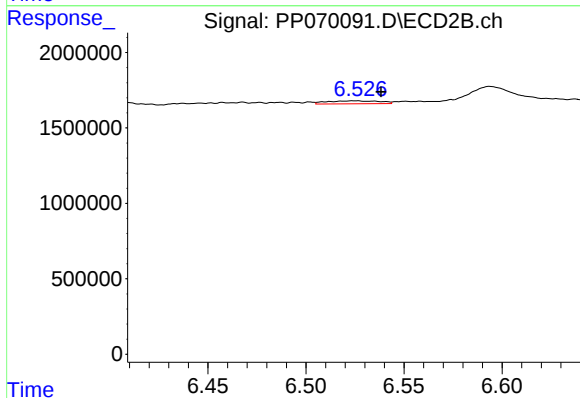
R.T.: 6.291 min  
Delta R.T.: -0.005 min  
Response: 495554  
Conc: 6.54 ng/ml



#29 AR-1254-4

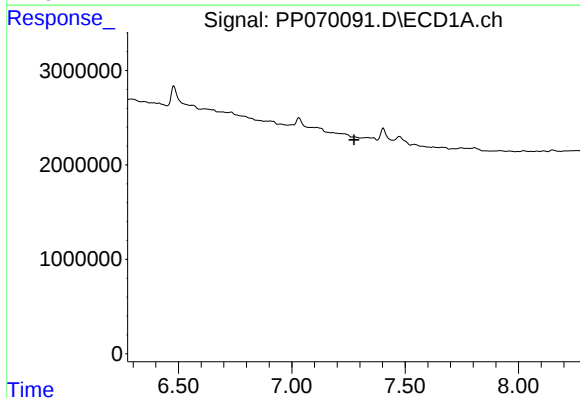
R.T.: 7.403 min  
Delta R.T.: 0.010 min  
Response: 2415592  
Conc: 32.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



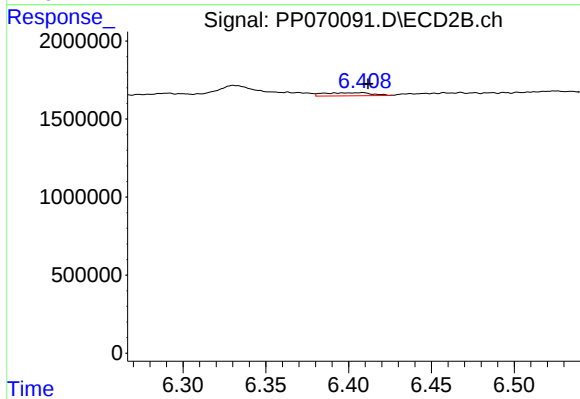
#29 AR-1254-4

R.T.: 6.525 min  
Delta R.T.: -0.013 min  
Response: 369472  
Conc: 7.18 ng/ml



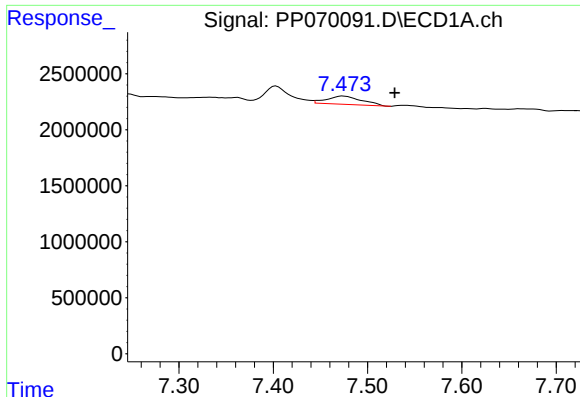
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.275 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

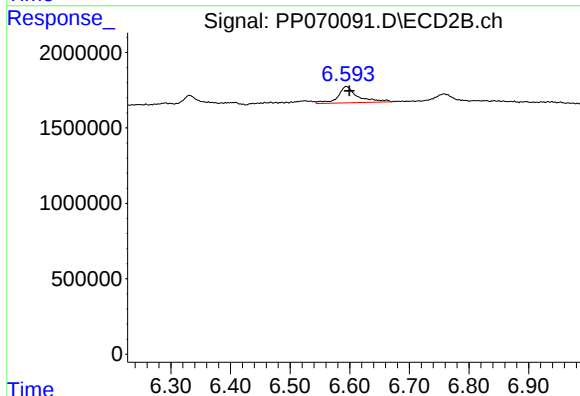
R.T.: 6.408 min  
Delta R.T.: -0.003 min  
Response: 399015  
Conc: 8.05 ng/ml



#32 AR-1260-2

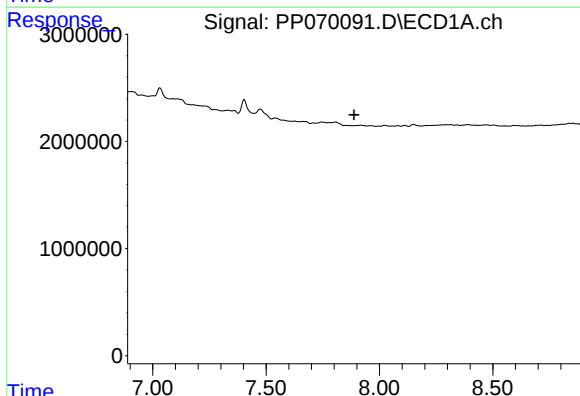
R.T.: 7.474 min  
Delta R.T.: -0.055 min  
Response: 1873873  
Conc: 22.93 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



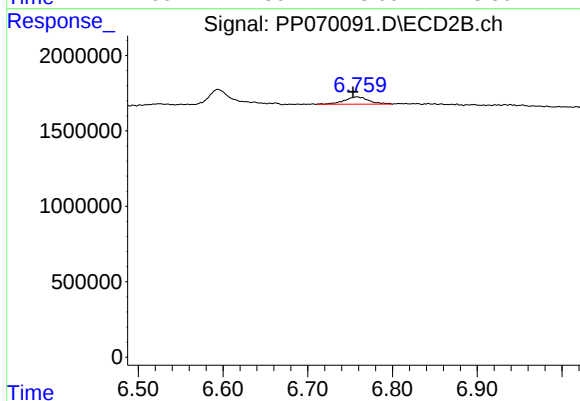
#32 AR-1260-2

R.T.: 6.594 min  
Delta R.T.: -0.006 min  
Response: 2560325  
Conc: 39.14 ng/ml



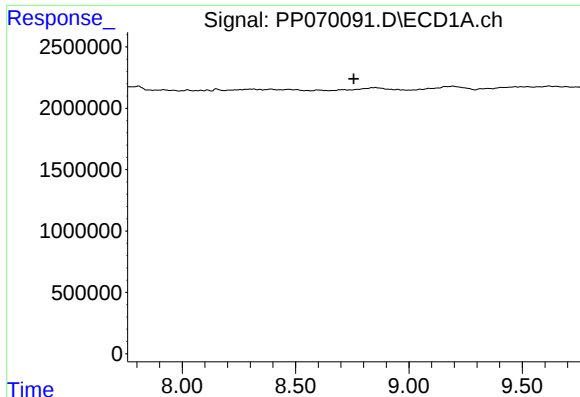
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.888 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

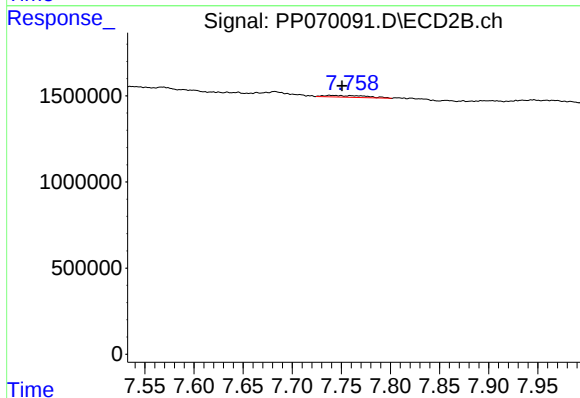
R.T.: 6.758 min  
Delta R.T.: 0.005 min  
Response: 994945  
Conc: 16.49 ng/ml



#38 AR-1262-3

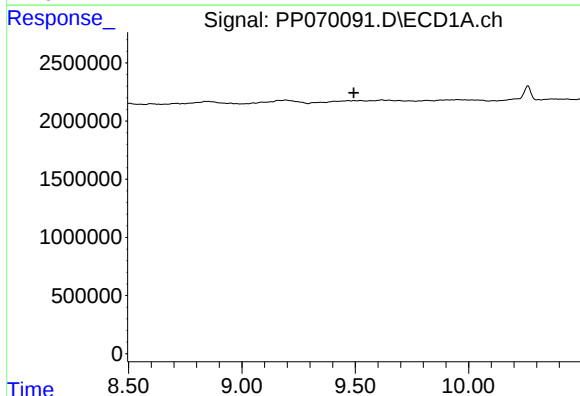
R.T.: 0.000 min  
Exp R.T.: 8.757 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



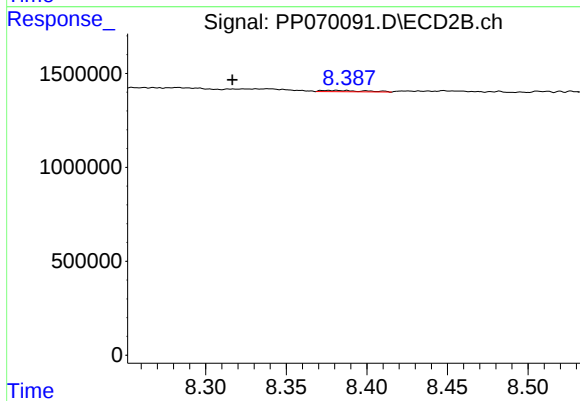
#38 AR-1262-3

R.T.: 7.738 min  
Delta R.T.: -0.013 min  
Response: 314849  
Conc: 5.20 ng/ml



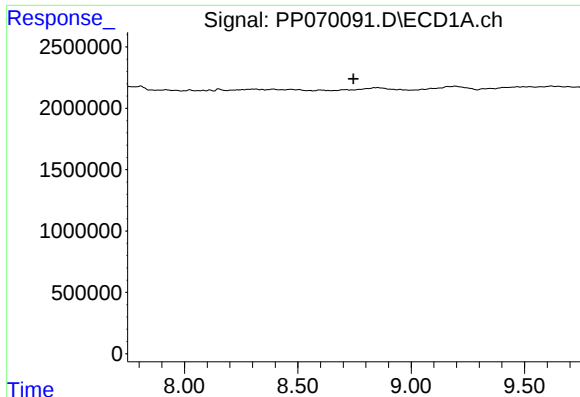
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 9.494 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

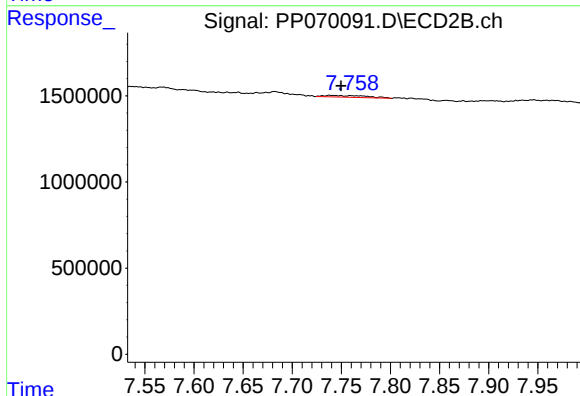
R.T.: 8.380 min  
Delta R.T.: 0.064 min  
Response: 130148  
Conc: 2.51 ng/ml



#41 AR-1268-1

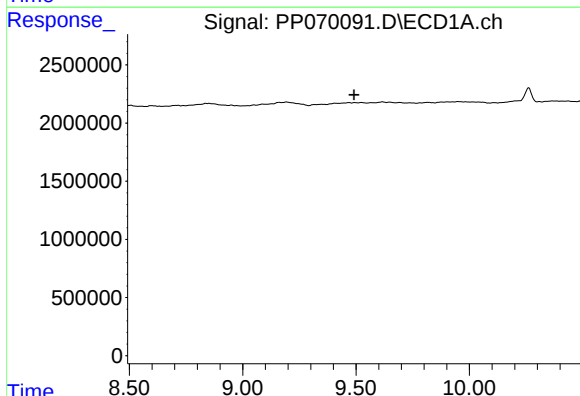
R.T.: 0.000 min  
Exp R.T.: 8.746 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
FDH119M-2-2



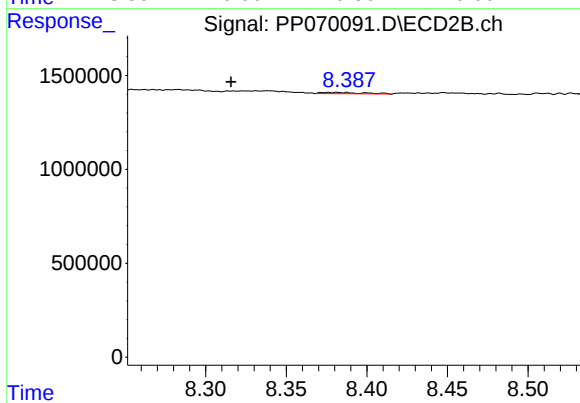
#41 AR-1268-1

R.T.: 7.738 min  
Delta R.T.: -0.011 min  
Response: 314849  
Conc: 1.90 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 9.492 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

R.T.: 8.380 min  
Delta R.T.: 0.065 min  
Response: 130148  
Conc: 2.45 ng/ml