

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP033125\  
 Data File : PP071010.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Mar 2025 09:14  
 Operator : YP\AJ  
 Sample : HEXANE  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 HEXANE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 31 11:04:32 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... | 0.000  | 3.838  | 0       | 107556  | N.D.   | 0.104 #  |
| 2)                          | SA Decachlor... | 0.000  | 8.791f | 0       | 444596  | N.D.   | 0.564 #  |
| Target Compounds            |                 |        |        |         |         |        |          |
| 3)                          | L1 AR-1016-1    | 5.610f | 4.941f | 1369394 | 95605   | 26.929 | 2.385 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.941  | 0       | 95605   | N.D.   | 1.652 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.107  | 0       | 85249   | N.D.   | 2.757 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.173  | 0       | 413273  | N.D.   | 16.968 # |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.348  | 0       | 438468  | N.D.   | 13.566 # |
| 8)                          | L2 AR-1221-1    | 0.000  | 4.047  | 0       | 28656   | N.D.   | 1.880 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.047f | 0       | 28656   | N.D.   | 2.506 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.186  | 0       | 29773   | N.D.   | 0.873 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.186  | 0       | 29773   | N.D.   | 1.064 #  |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.941  | 0       | 95605   | N.D.   | 3.407 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.107  | 0       | 85249   | N.D.   | 5.725 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.191  | 0       | 195125  | N.D.   | 15.239 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.348  | 0       | 438468  | N.D.   | 30.933 # |
| 16)                         | L4 AR-1242-1    | 5.610f | 4.941f | 1369394 | 95605   | 31.139 | 2.796 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.941  | 0       | 95605   | N.D.   | 1.941 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.107  | 0       | 85249   | N.D.   | 3.200 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.173  | 0       | 413273  | N.D.   | 15.667 # |
| 20)                         | L4 AR-1242-5    | 6.580  | 5.697  | 164736  | 90319   | 4.512  | 2.917 #  |
| 21)                         | L5 AR-1248-1    | 5.610f | 4.941f | 1369394 | 95605   | 37.737 | 3.530 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.107  | 0       | 85249   | N.D.   | 2.321 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.191  | 0       | 195125  | N.D.   | 5.047 #  |
| 24)                         | L5 AR-1248-4    | 6.528  | 5.348  | 680519  | 438468  | 10.609 | 9.713    |
| 25)                         | L5 AR-1248-5    | 6.580  | 5.737  | 164736  | 385067  | 2.707  | 9.022 #  |
| 26)                         | L6 AR-1254-1    | 6.528  | 5.697  | 680519  | 90319   | 10.569 | 1.368 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.869  | 0       | 187020  | N.D.   | 3.275 #  |
| 28)                         | L6 AR-1254-3    | 7.102  | 6.292  | 454364  | 482805  | 4.556  | 5.560    |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.476  | 0       | 18303   | N.D.   | 0.326 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.913  | 0       | 272104  | N.D.   | 3.771 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.399  | 0       | 383024  | N.D.   | 7.480 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.562  | 0       | 180982  | N.D.   | 2.837 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.745  | 0       | 545664  | N.D.   | 10.015 # |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.179  | 0       | 99385   | N.D.   | 2.078 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.913  | 0       | 272104  | N.D.   | 3.180 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.179  | 0       | 99385   | N.D.   | 1.452 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.850f | 0       | 2019996 | N.D.   | 20.321 # |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.850f | 0       | 2019996 | N.D.   | 14.098 # |
| -----                       |                 |        |        |         |         |        |          |

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

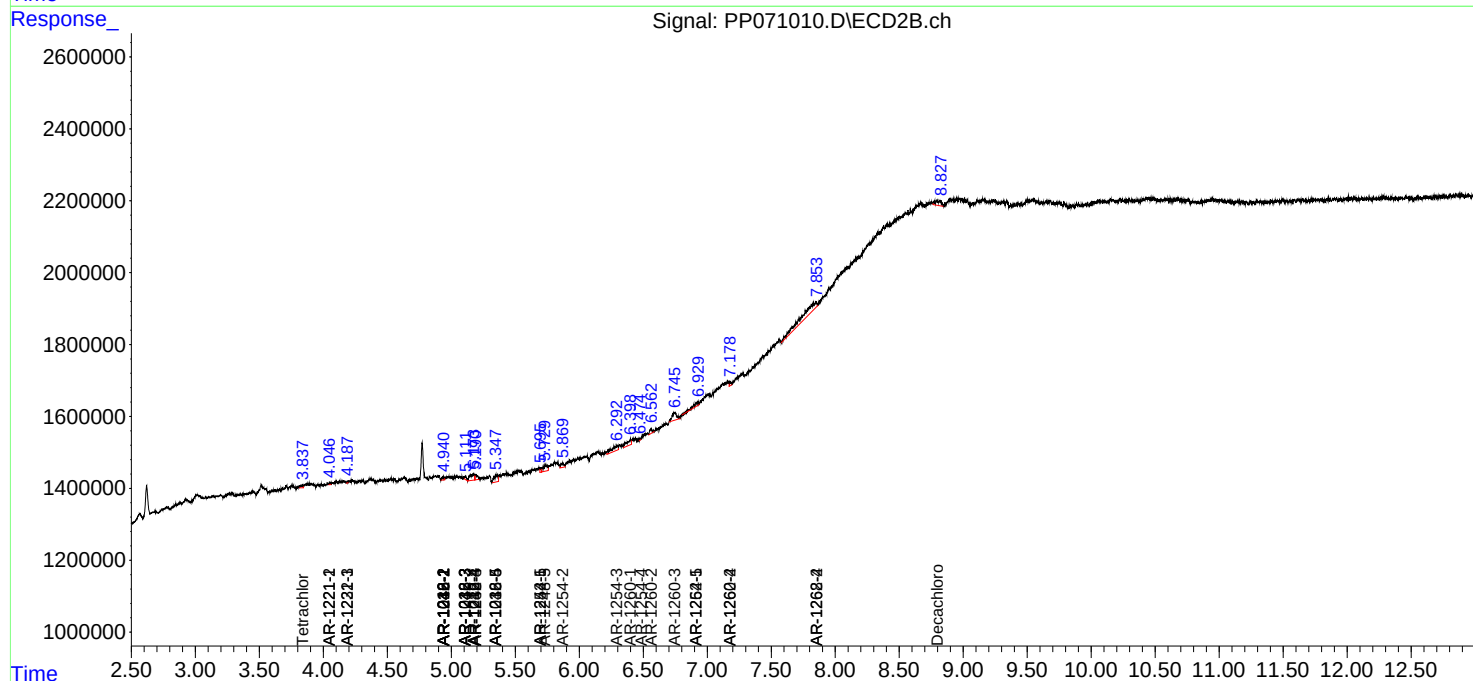
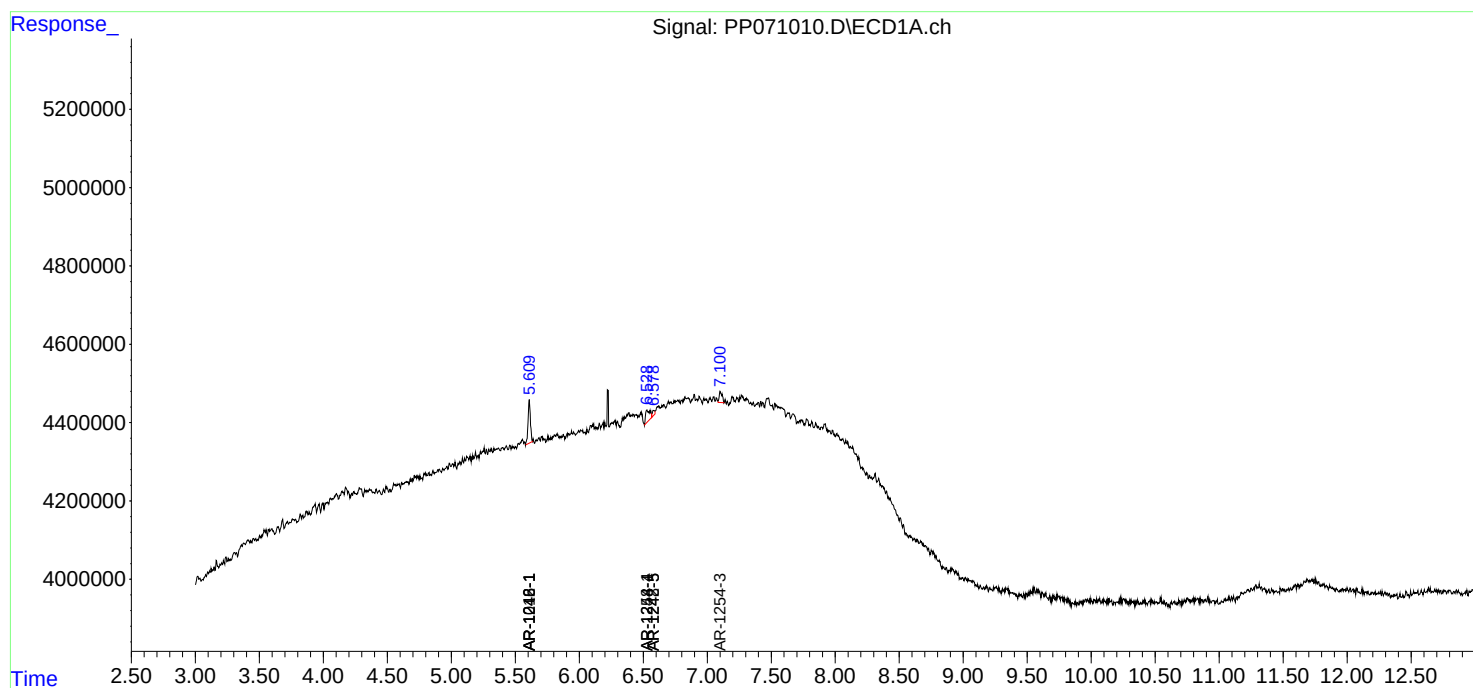
Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE

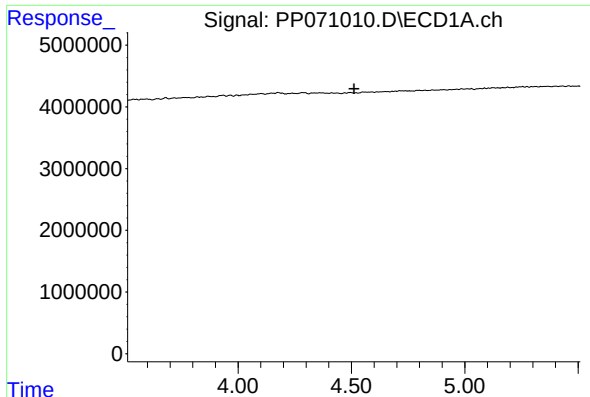
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP033125\  
Data File : PP071010.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Mar 2025 09:14  
Operator : YP\AJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 31 11:04:32 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

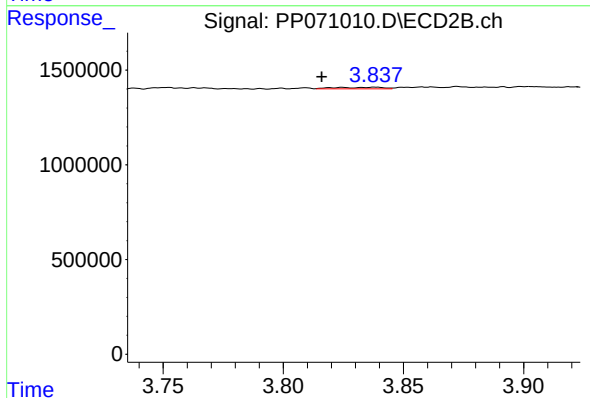




#1 Tetrachloro-m-xylene

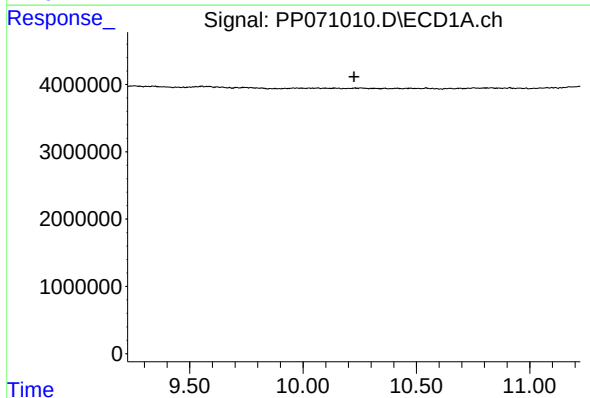
R.T.: 0.000 min  
Exp R.T.: 4.512 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



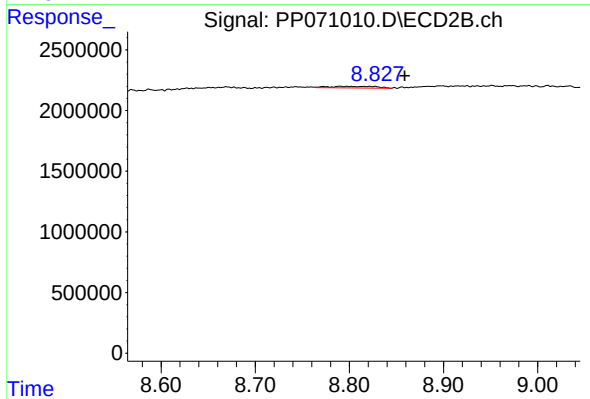
#1 Tetrachloro-m-xylene

R.T.: 3.838 min  
Delta R.T.: 0.022 min  
Response: 107556  
Conc: 0.10 ng/ml



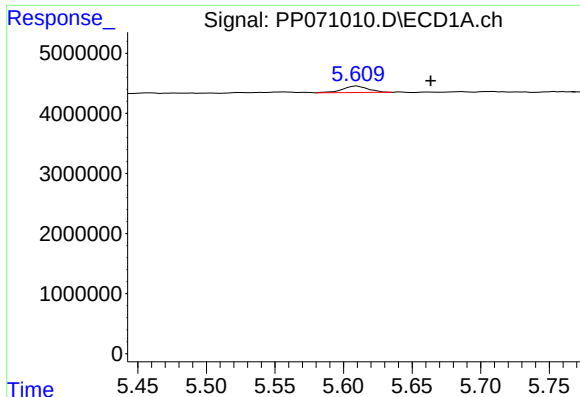
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T.: 10.225 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

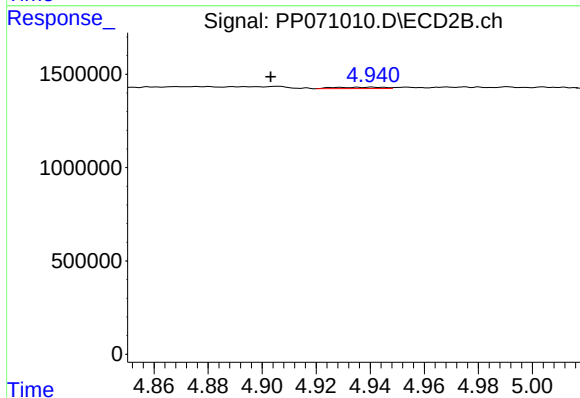
R.T.: 8.791 min  
Delta R.T.: -0.068 min  
Response: 444596  
Conc: 0.56 ng/ml



#3 AR-1016-1

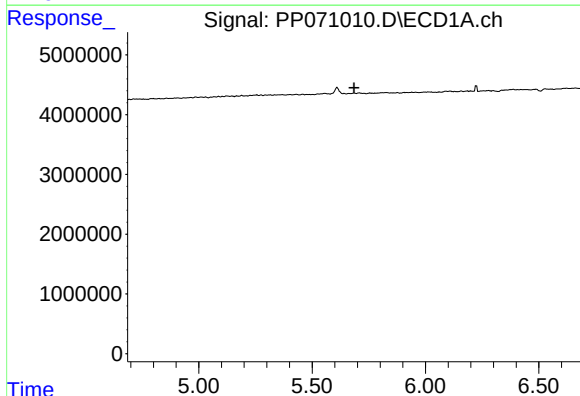
R.T.: 5.610 min  
Delta R.T.: -0.054 min  
Response: 1369394  
Conc: 26.93 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



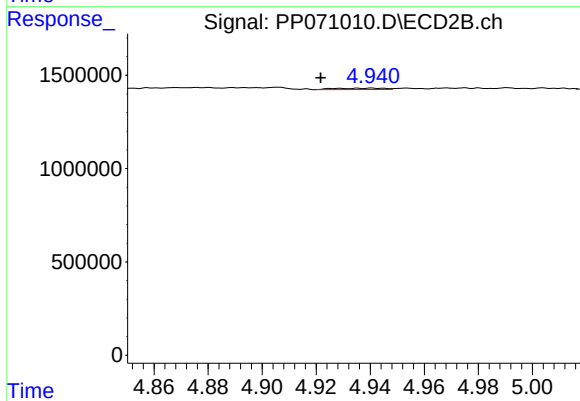
#3 AR-1016-1

R.T.: 4.941 min  
Delta R.T.: 0.038 min  
Response: 95605  
Conc: 2.38 ng/ml



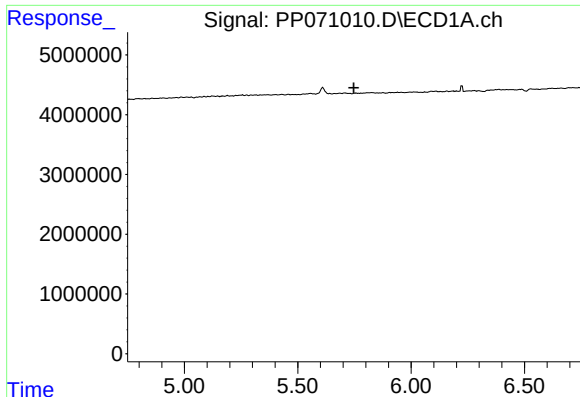
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.685 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

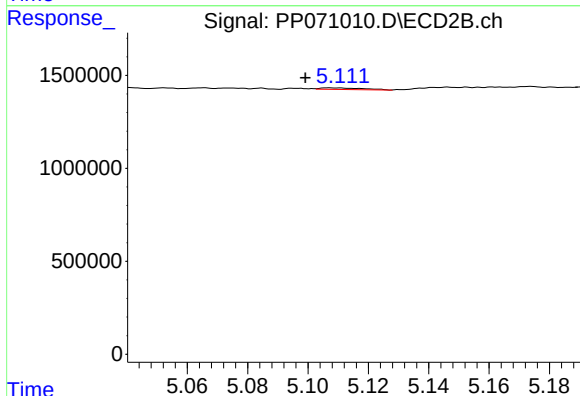
R.T.: 4.941 min  
Delta R.T.: 0.019 min  
Response: 95605  
Conc: 1.65 ng/ml



#5 AR-1016-3

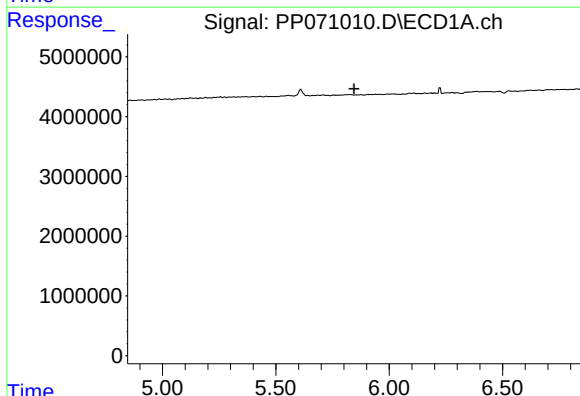
R.T.: 0.000 min  
Exp R.T.: 5.748 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



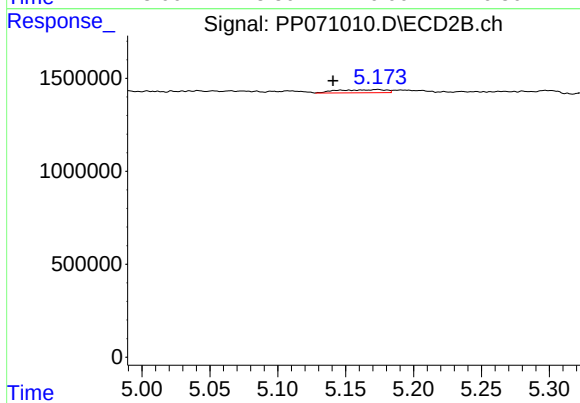
#5 AR-1016-3

R.T.: 5.107 min  
Delta R.T.: 0.008 min  
Response: 85249  
Conc: 2.76 ng/ml



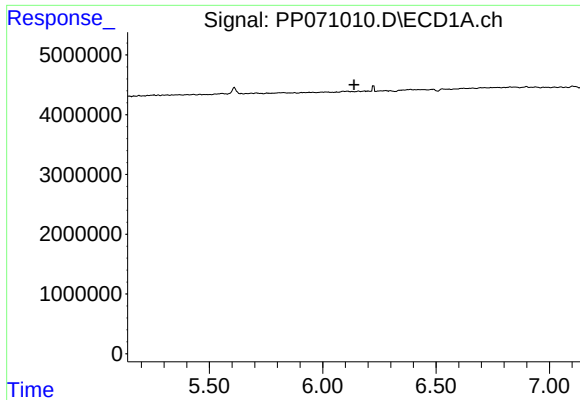
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.845 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

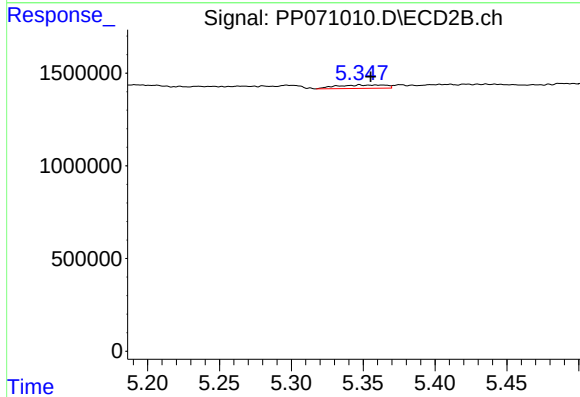
R.T.: 5.173 min  
Delta R.T.: 0.033 min  
Response: 413273  
Conc: 16.97 ng/ml



#7 AR-1016-5

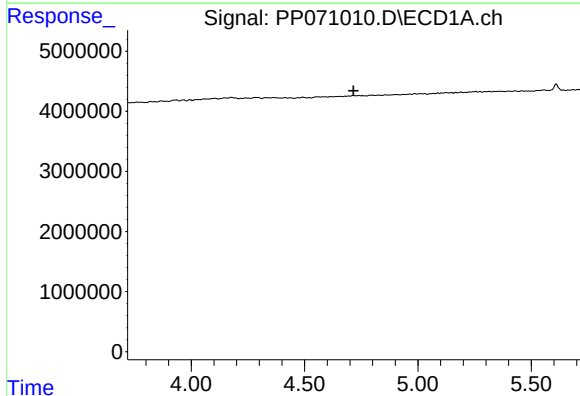
R.T.: 0.000 min  
Exp R.T.: 6.138 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



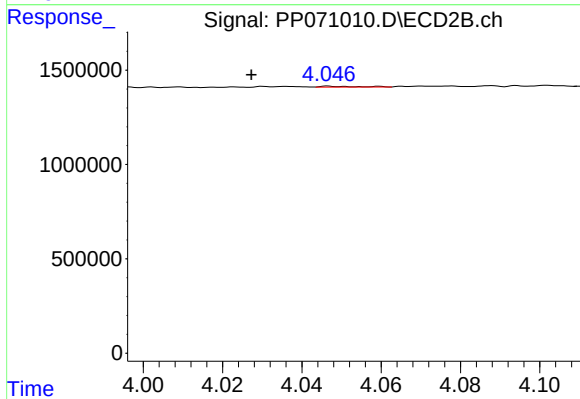
#7 AR-1016-5

R.T.: 5.348 min  
Delta R.T.: -0.008 min  
Response: 438468  
Conc: 13.57 ng/ml



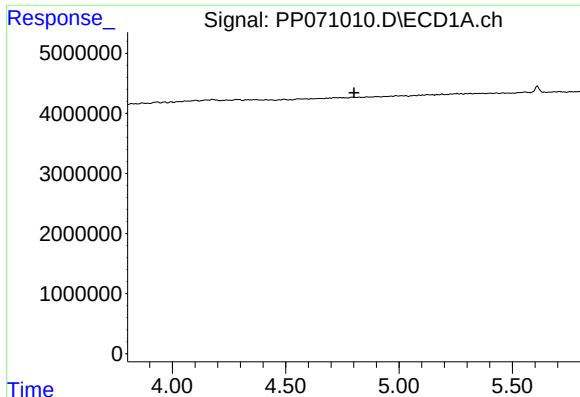
#8 AR-1221-1

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



#8 AR-1221-1

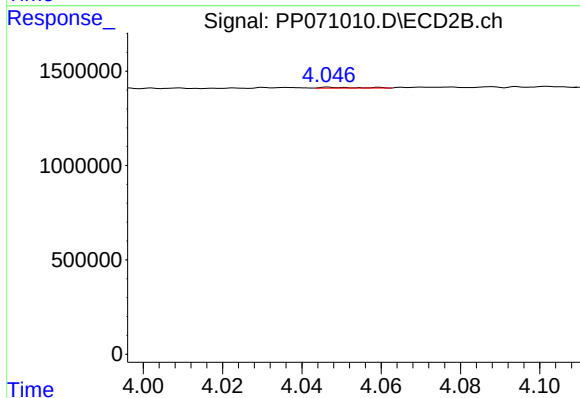
R.T.: 4.047 min  
Delta R.T.: 0.020 min  
Response: 28656  
Conc: 1.88 ng/ml



#9 AR-1221-2

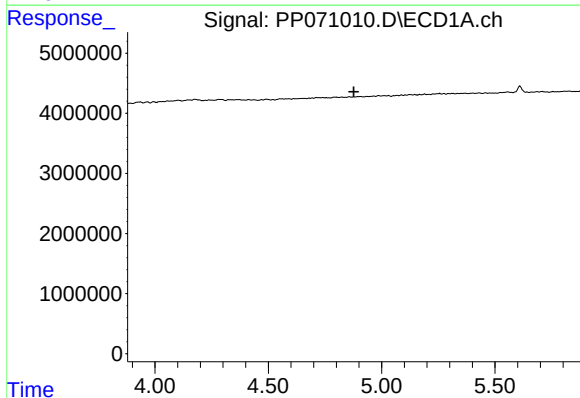
R.T.: 0.000 min  
Exp R.T.: 4.802 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



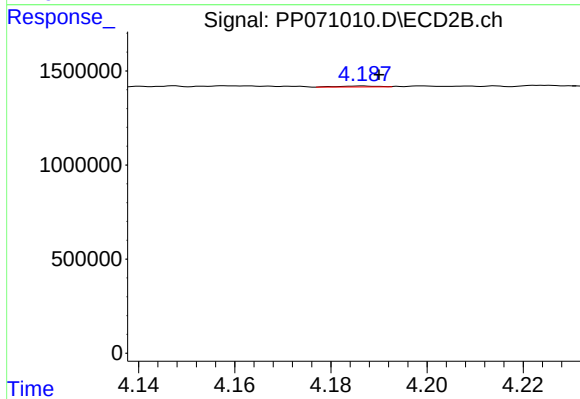
#9 AR-1221-2

R.T.: 4.047 min  
Delta R.T.: -0.067 min  
Response: 28656  
Conc: 2.51 ng/ml



#10 AR-1221-3

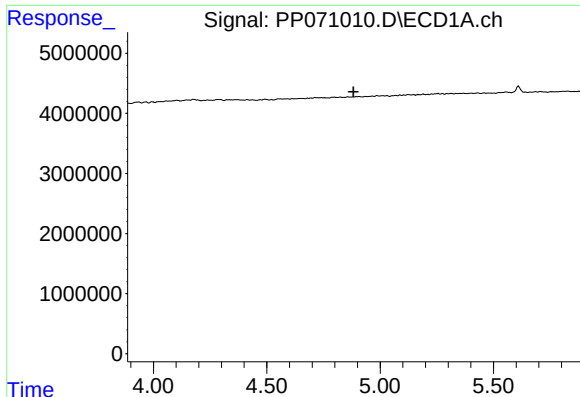
R.T.: 0.000 min  
Exp R.T.: 4.878 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

R.T.: 4.186 min  
Delta R.T.: -0.004 min  
Response: 29773  
Conc: 0.87 ng/ml

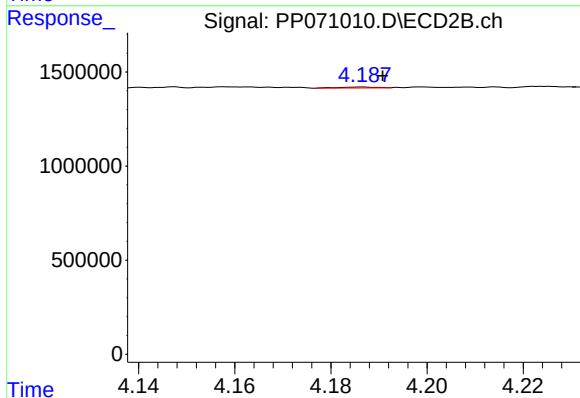




#11 AR-1232-1

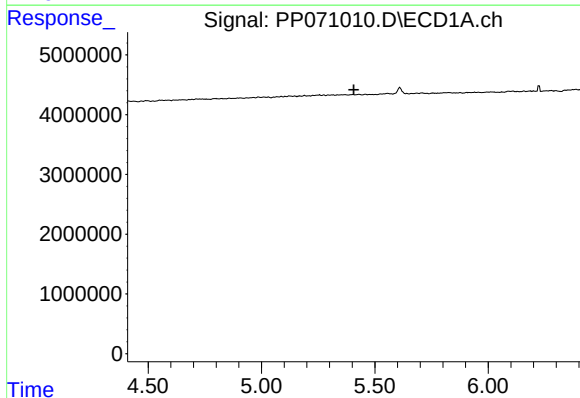
R.T.: 0.000 min  
Exp R.T. : 4.883 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



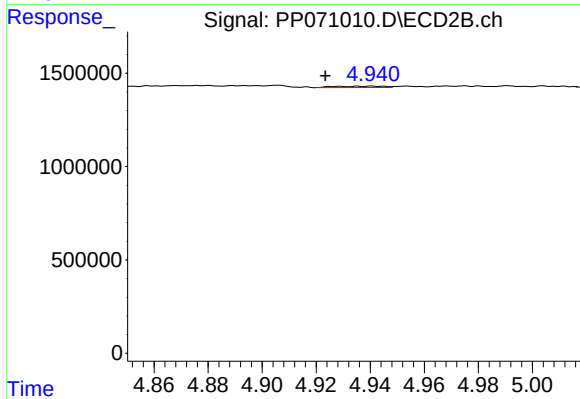
#11 AR-1232-1

R.T.: 4.186 min  
Delta R.T.: -0.004 min  
Response: 29773  
Conc: 1.06 ng/ml



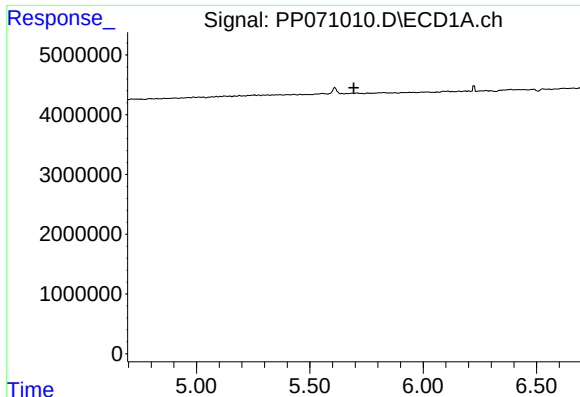
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.408 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

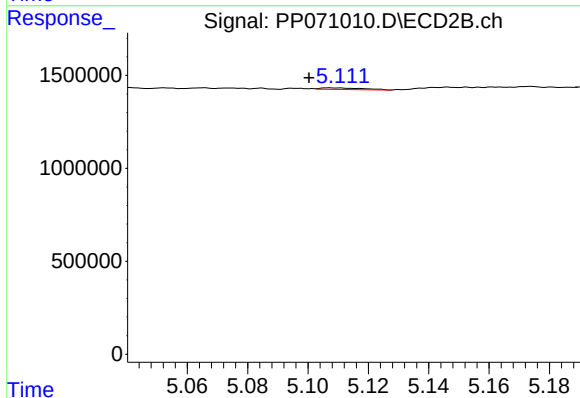
R.T.: 4.941 min  
Delta R.T.: 0.017 min  
Response: 95605  
Conc: 3.41 ng/ml



#13 AR-1232-3

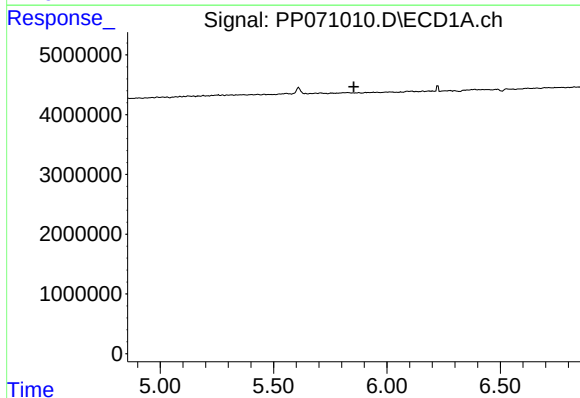
R.T.: 0.000 min  
Exp R.T.: 5.694 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



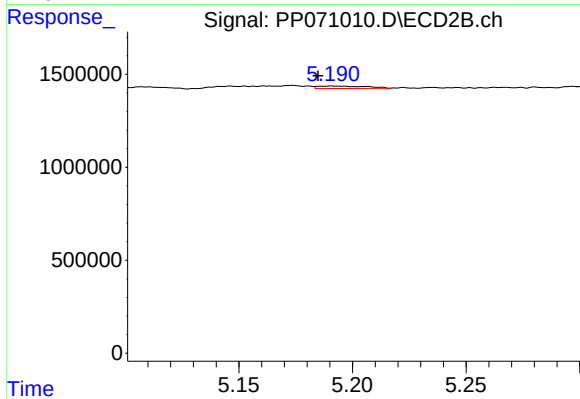
#13 AR-1232-3

R.T.: 5.107 min  
Delta R.T.: 0.007 min  
Response: 85249  
Conc: 5.73 ng/ml



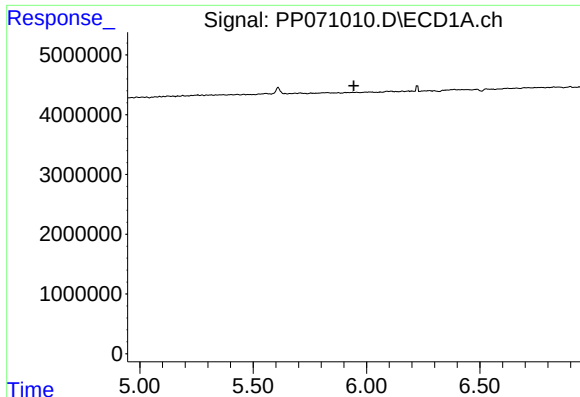
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.854 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

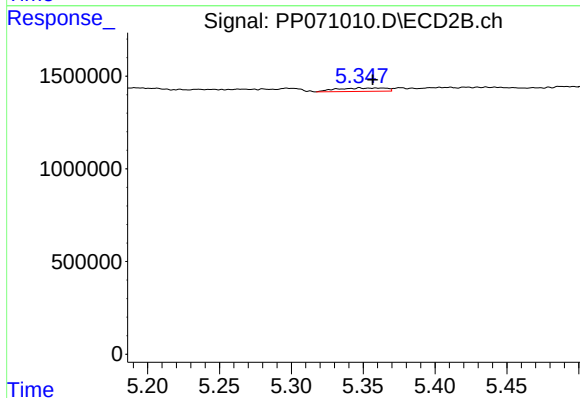
R.T.: 5.191 min  
Delta R.T.: 0.006 min  
Response: 195125  
Conc: 15.24 ng/ml



#15 AR-1232-5

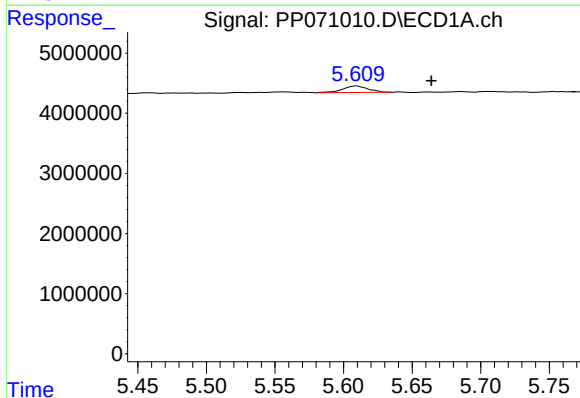
R.T.: 0.000 min  
Exp R.T.: 5.943 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



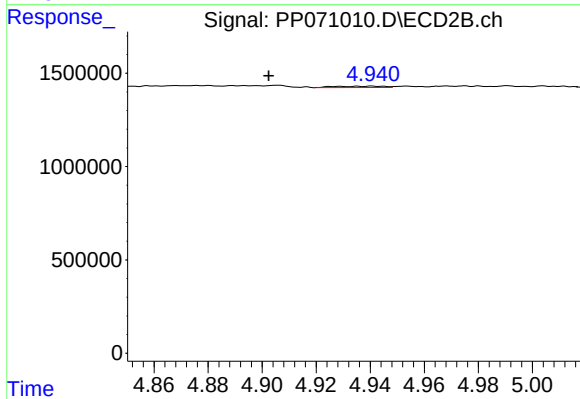
#15 AR-1232-5

R.T.: 5.348 min  
Delta R.T.: -0.009 min  
Response: 438468  
Conc: 30.93 ng/ml



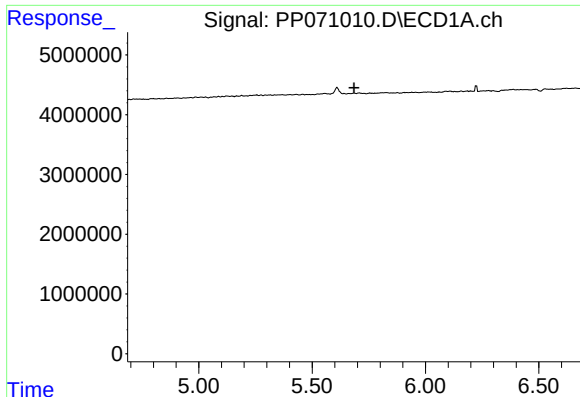
#16 AR-1242-1

R.T.: 5.610 min  
Delta R.T.: -0.054 min  
Response: 1369394  
Conc: 31.14 ng/ml



#16 AR-1242-1

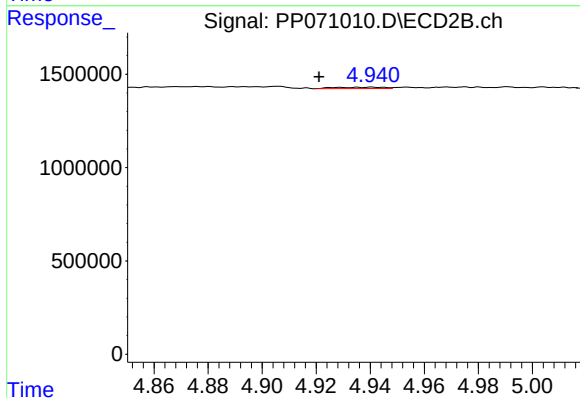
R.T.: 4.941 min  
Delta R.T.: 0.038 min  
Response: 95605  
Conc: 2.80 ng/ml



#17 AR-1242-2

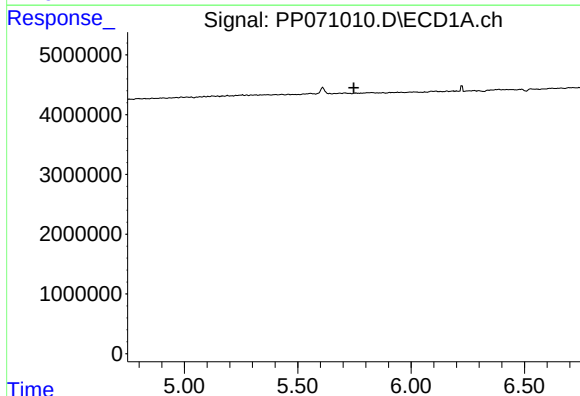
R.T.: 0.000 min  
Exp R.T.: 5.686 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



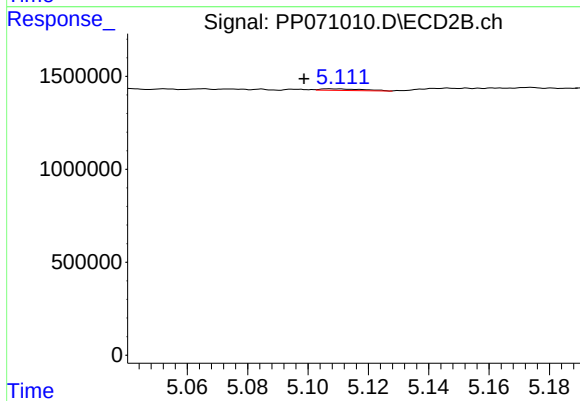
#17 AR-1242-2

R.T.: 4.941 min  
Delta R.T.: 0.020 min  
Response: 95605  
Conc: 1.94 ng/ml



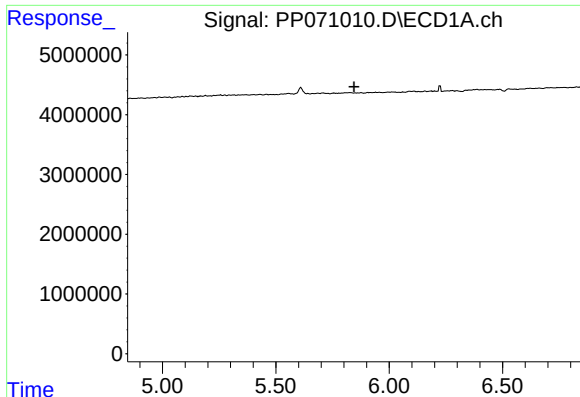
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.748 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

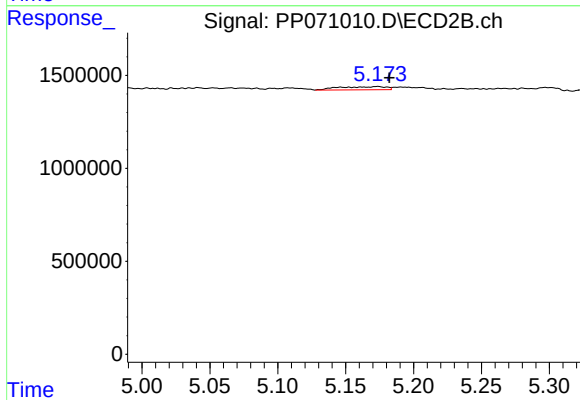
R.T.: 5.107 min  
Delta R.T.: 0.009 min  
Response: 85249  
Conc: 3.20 ng/ml



#19 AR-1242-4

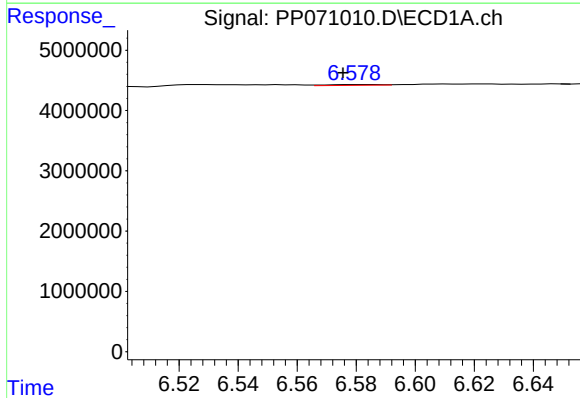
R.T.: 0.000 min  
Exp R.T.: 5.845 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



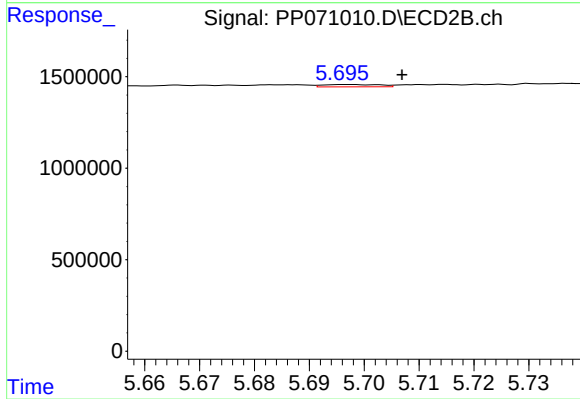
#19 AR-1242-4

R.T.: 5.173 min  
Delta R.T.: -0.009 min  
Response: 413273  
Conc: 15.67 ng/ml



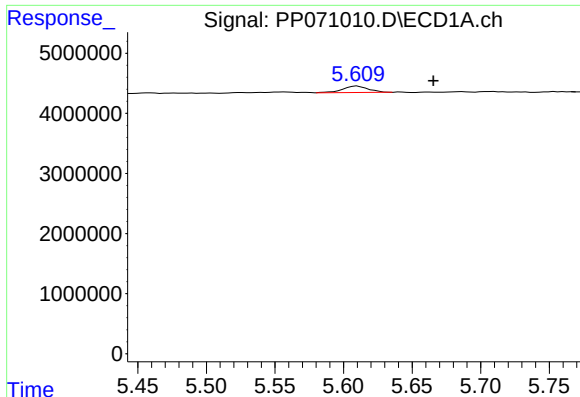
#20 AR-1242-5

R.T.: 6.580 min  
Delta R.T.: 0.004 min  
Response: 164736  
Conc: 4.51 ng/ml



#20 AR-1242-5

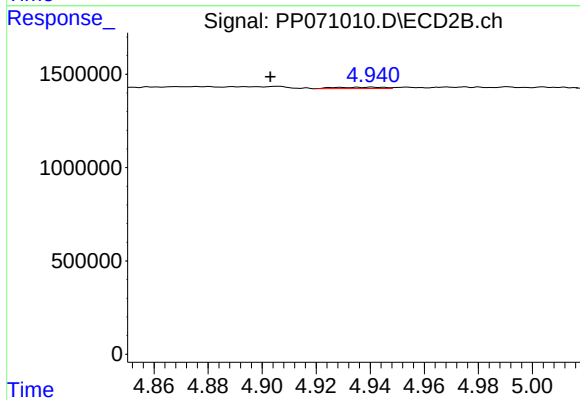
R.T.: 5.697 min  
Delta R.T.: -0.010 min  
Response: 90319  
Conc: 2.92 ng/ml



#21 AR-1248-1

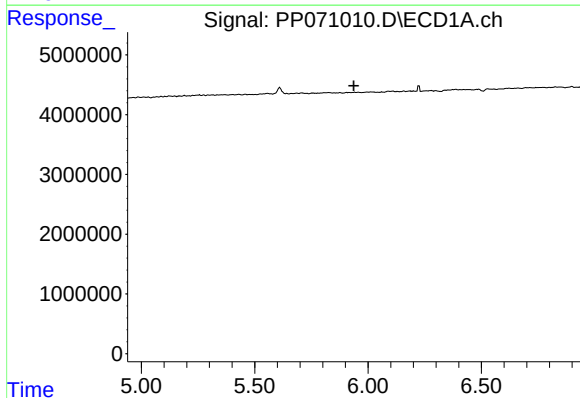
R.T.: 5.610 min  
Delta R.T.: -0.056 min  
Response: 1369394  
Conc: 37.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



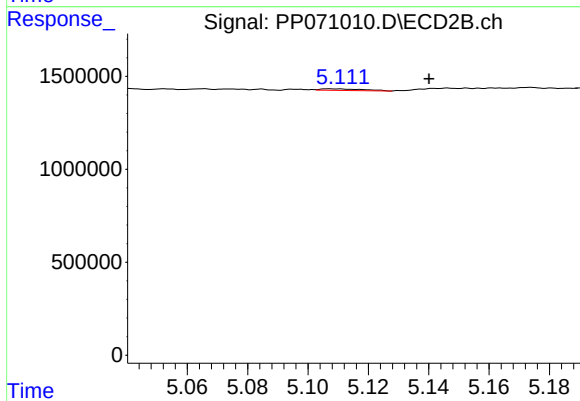
#21 AR-1248-1

R.T.: 4.941 min  
Delta R.T.: 0.038 min  
Response: 95605  
Conc: 3.53 ng/ml



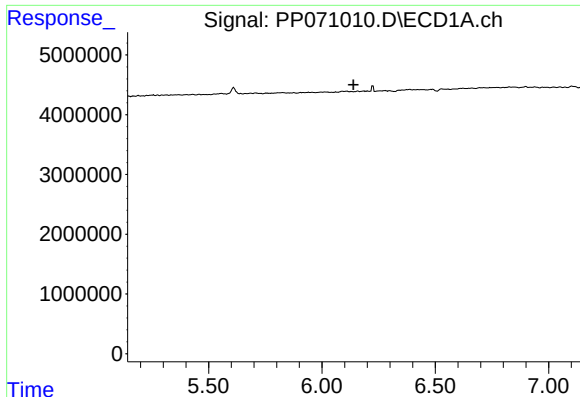
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.937 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

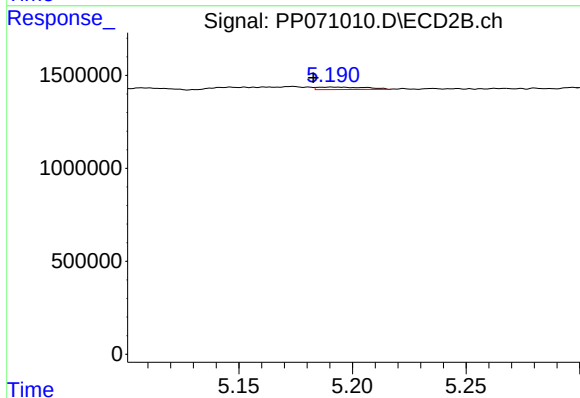
R.T.: 5.107 min  
Delta R.T.: -0.033 min  
Response: 85249  
Conc: 2.32 ng/ml



#23 AR-1248-3

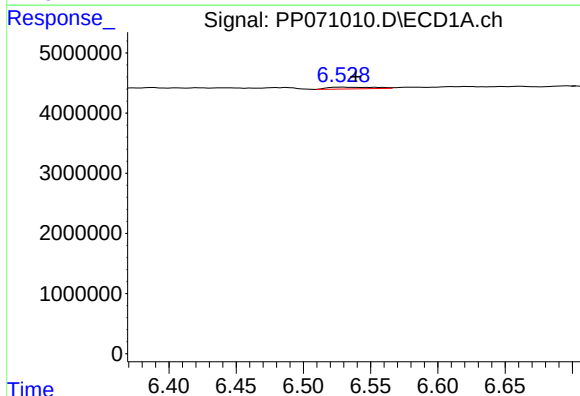
R.T.: 0.000 min  
Exp R.T.: 6.140 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



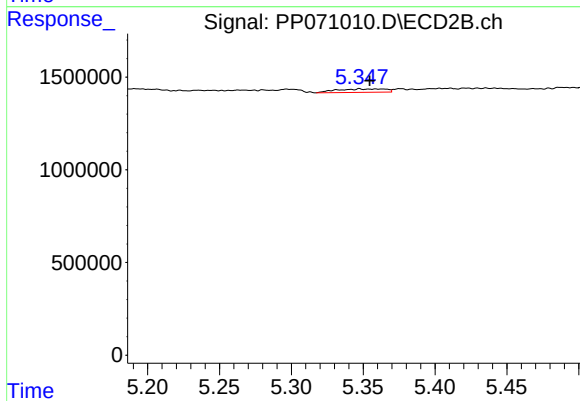
#23 AR-1248-3

R.T.: 5.191 min  
Delta R.T.: 0.008 min  
Response: 195125  
Conc: 5.05 ng/ml



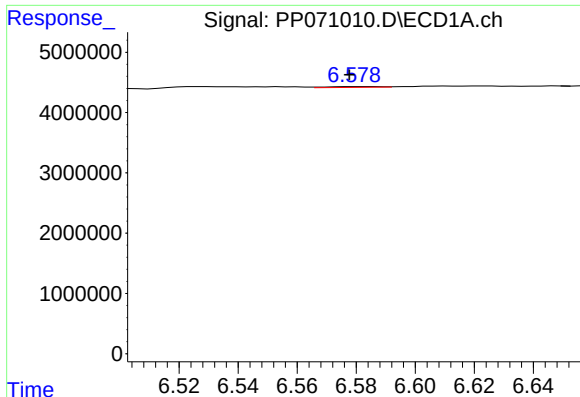
#24 AR-1248-4

R.T.: 6.528 min  
Delta R.T.: -0.010 min  
Response: 680519  
Conc: 10.61 ng/ml



#24 AR-1248-4

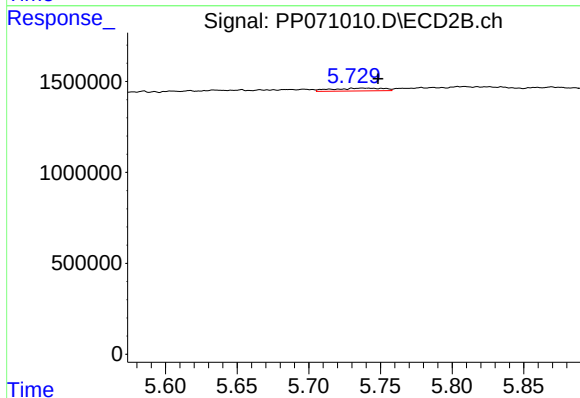
R.T.: 5.348 min  
Delta R.T.: -0.007 min  
Response: 438468  
Conc: 9.71 ng/ml



#25 AR-1248-5

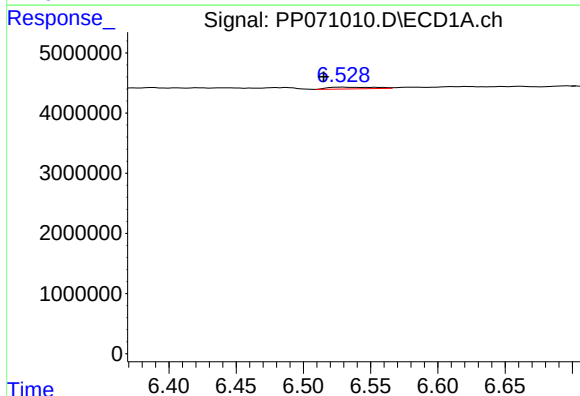
R.T.: 6.580 min  
Delta R.T.: 0.002 min  
Response: 164736  
Conc: 2.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



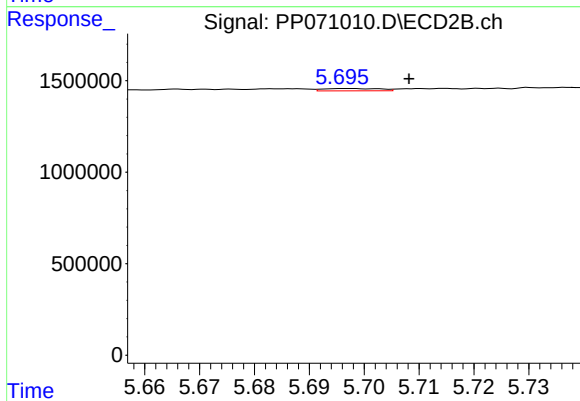
#25 AR-1248-5

R.T.: 5.737 min  
Delta R.T.: -0.011 min  
Response: 385067  
Conc: 9.02 ng/ml



#26 AR-1254-1

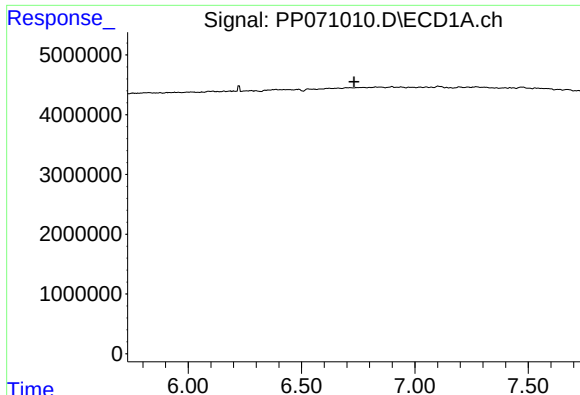
R.T.: 6.528 min  
Delta R.T.: 0.013 min  
Response: 680519  
Conc: 10.57 ng/ml



#26 AR-1254-1

R.T.: 5.697 min  
Delta R.T.: -0.011 min  
Response: 90319  
Conc: 1.37 ng/ml

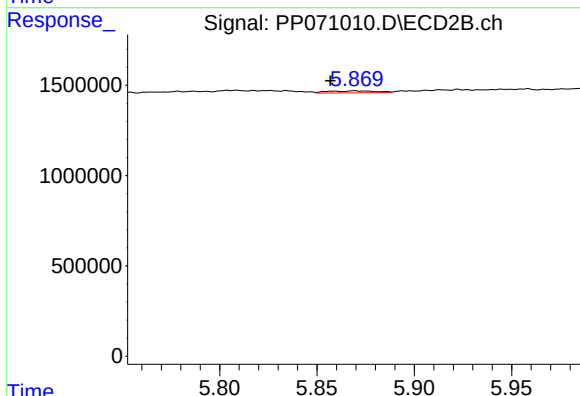




#27 AR-1254-2

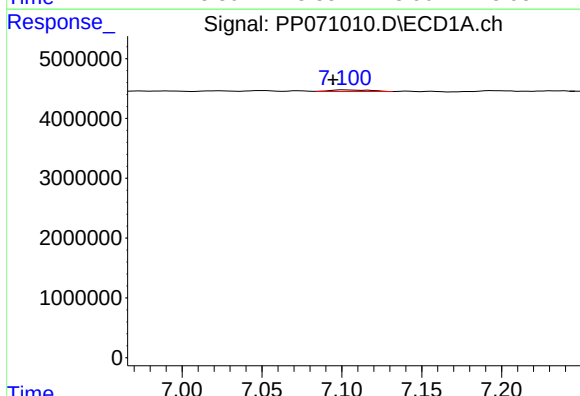
R.T.: 0.000 min  
Exp R.T.: 6.732 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



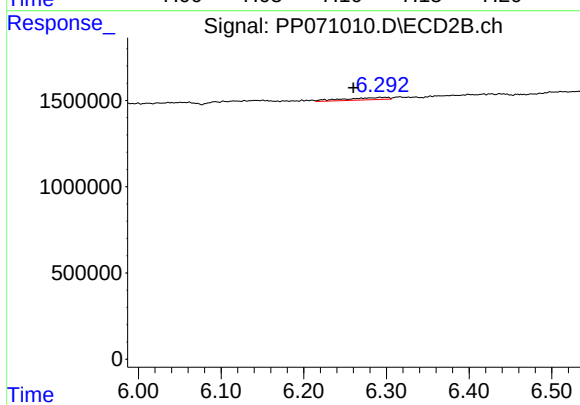
#27 AR-1254-2

R.T.: 5.869 min  
Delta R.T.: 0.012 min  
Response: 187020  
Conc: 3.28 ng/ml



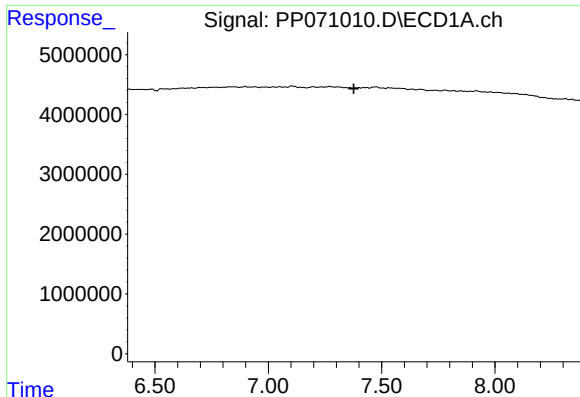
#28 AR-1254-3

R.T.: 7.102 min  
Delta R.T.: 0.007 min  
Response: 454364  
Conc: 4.56 ng/ml



#28 AR-1254-3

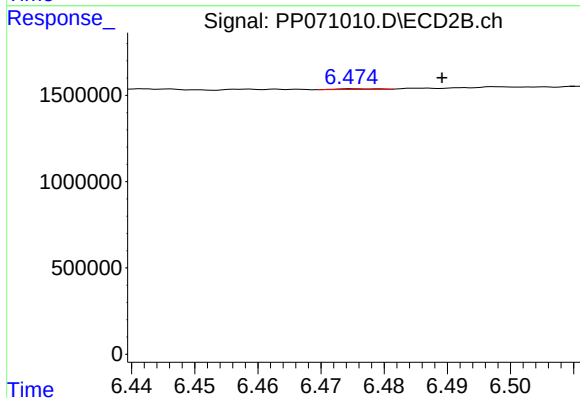
R.T.: 6.292 min  
Delta R.T.: 0.032 min  
Response: 482805  
Conc: 5.56 ng/ml



#29 AR-1254-4

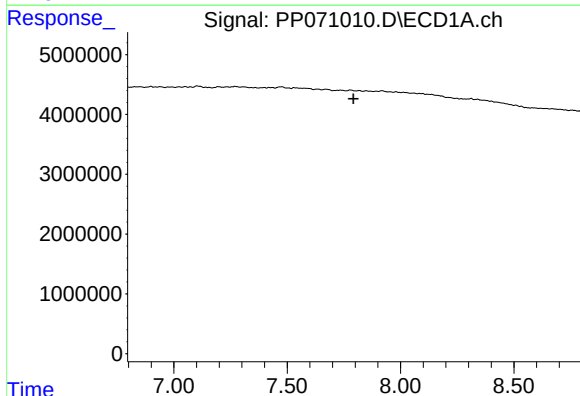
R.T.: 0.000 min  
Exp R.T.: 7.377 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



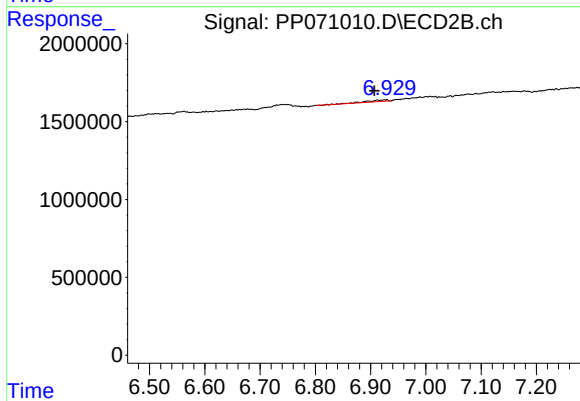
#29 AR-1254-4

R.T.: 6.476 min  
Delta R.T.: -0.014 min  
Response: 18303  
Conc: 0.33 ng/ml



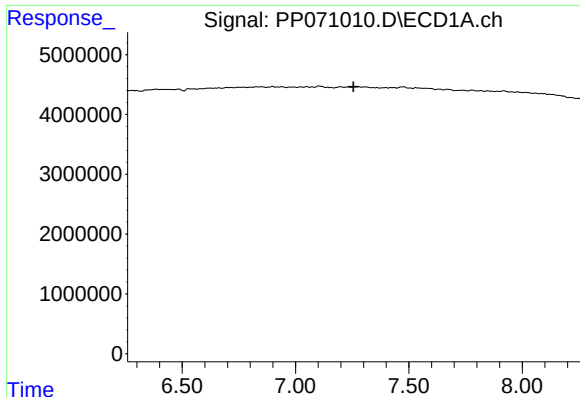
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 7.793 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

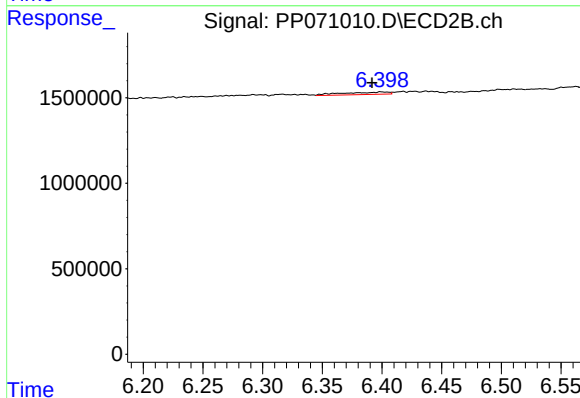
R.T.: 6.913 min  
Delta R.T.: 0.006 min  
Response: 272104  
Conc: 3.77 ng/ml



#31 AR-1260-1

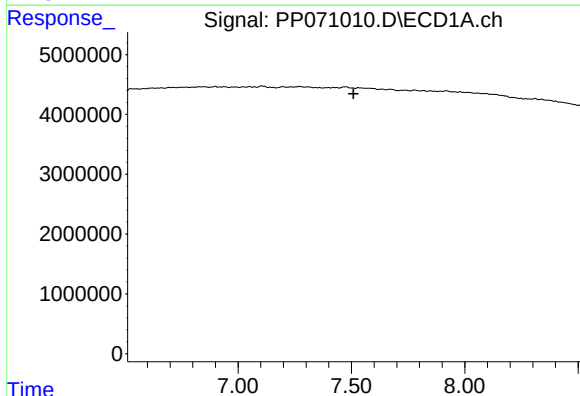
R.T.: 0.000 min  
Exp R.T.: 7.256 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



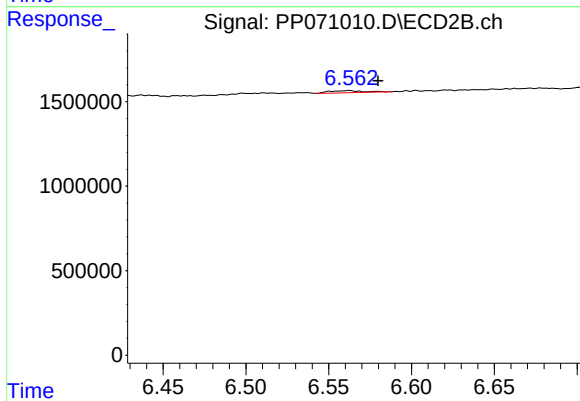
#31 AR-1260-1

R.T.: 6.399 min  
Delta R.T.: 0.008 min  
Response: 383024  
Conc: 7.48 ng/ml



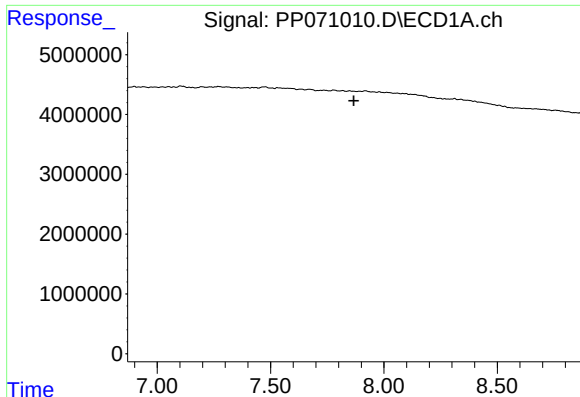
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 7.510 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

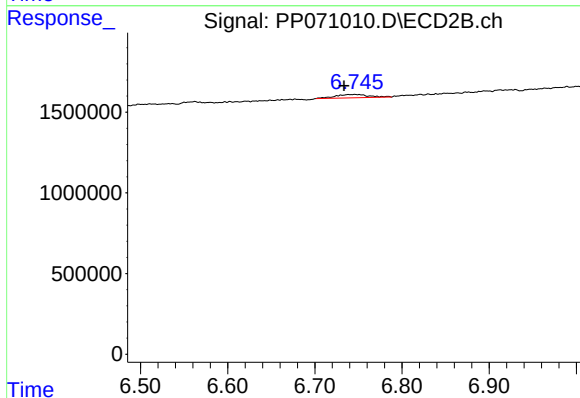
R.T.: 6.562 min  
Delta R.T.: -0.018 min  
Response: 180982  
Conc: 2.84 ng/ml



#33 AR-1260-3

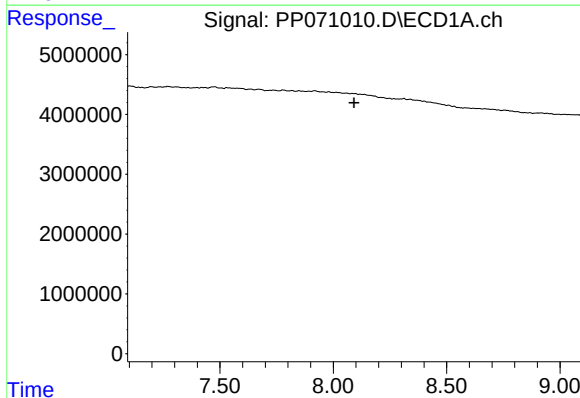
R.T.: 0.000 min  
Exp R.T.: 7.868 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



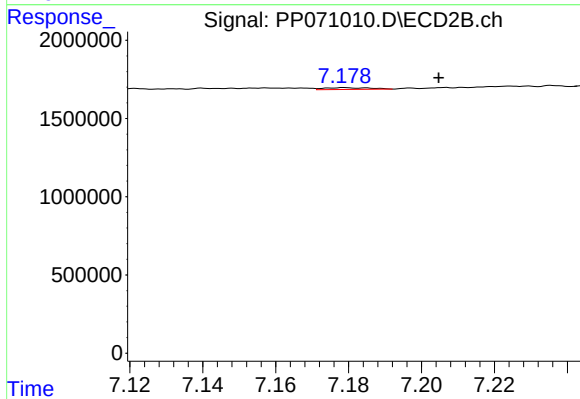
#33 AR-1260-3

R.T.: 6.745 min  
Delta R.T.: 0.012 min  
Response: 545664  
Conc: 10.01 ng/ml



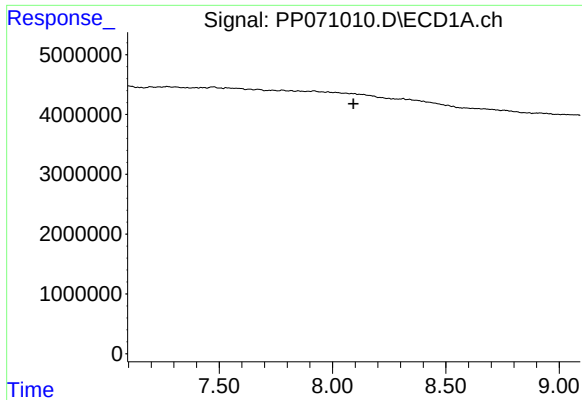
#34 AR-1260-4

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



#34 AR-1260-4

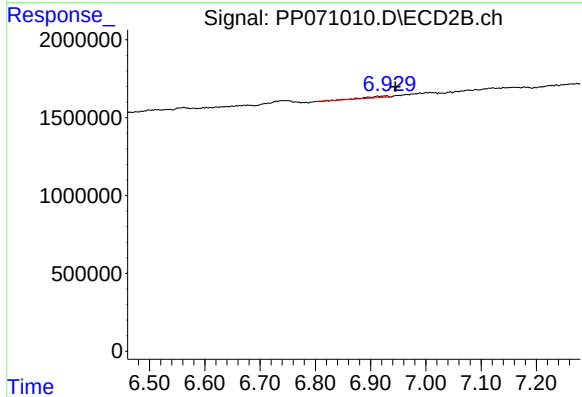
R.T.: 7.179 min  
Delta R.T.: -0.026 min  
Response: 99385  
Conc: 2.08 ng/ml



#36 AR-1262-1

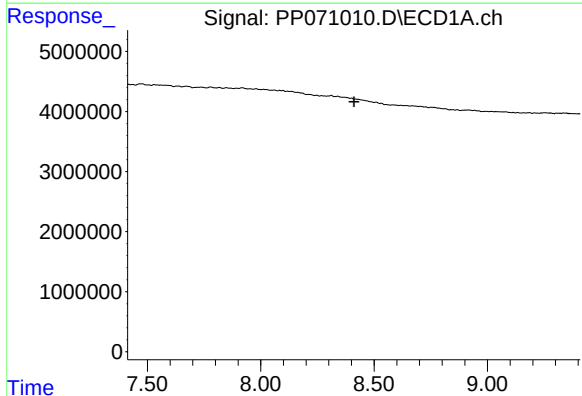
R.T.: 0.000 min  
Exp R.T.: 8.093 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



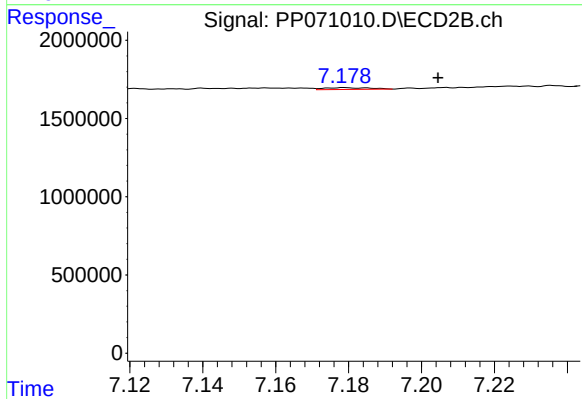
#36 AR-1262-1

R.T.: 6.913 min  
Delta R.T.: -0.031 min  
Response: 272104  
Conc: 3.18 ng/ml



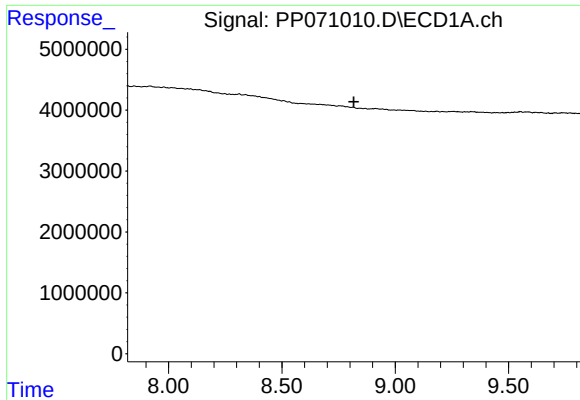
#37 AR-1262-2

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



#37 AR-1262-2

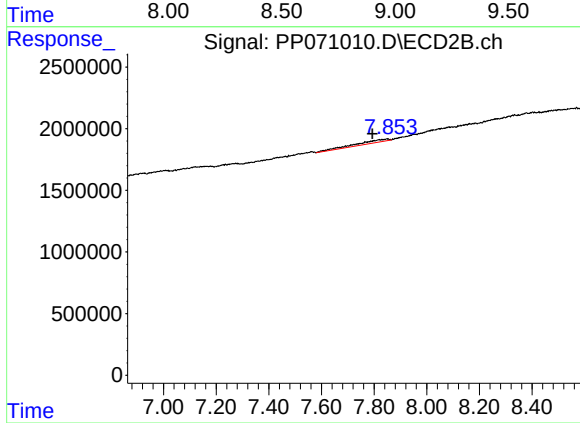
R.T.: 7.179 min  
Delta R.T.: -0.025 min  
Response: 99385  
Conc: 1.45 ng/ml



#39 AR-1262-4

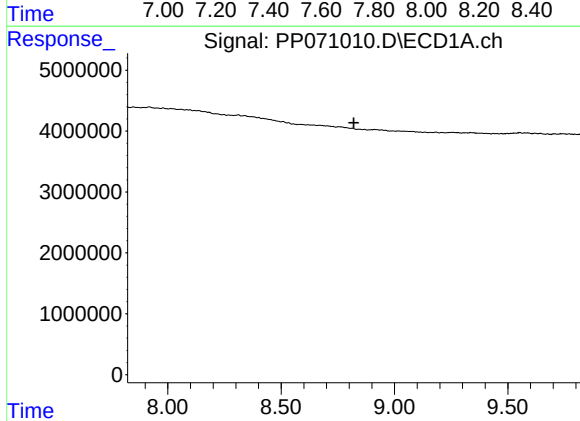
R.T.: 0.000 min  
Exp R.T.: 8.817 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



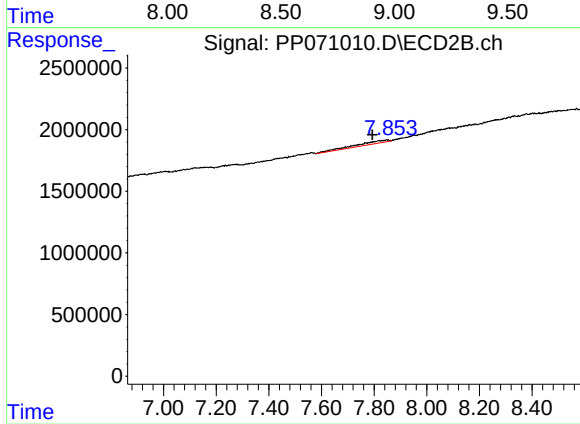
#39 AR-1262-4

R.T.: 7.850 min  
Delta R.T.: 0.057 min  
Response: 2019996  
Conc: 20.32 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.821 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.850 min  
Delta R.T.: 0.056 min  
Response: 2019996  
Conc: 14.10 ng/ml