

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP120524\  
 Data File : PP068773.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Dec 2024 08:51  
 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: Dec 05 23:48:44 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP110724.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Nov 08 11:04:08 2024  
 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

##### Target Compounds

|     |    |           |        |        |         |         |        |           |
|-----|----|-----------|--------|--------|---------|---------|--------|-----------|
| 5)  | L1 | AR-1016-3 | 0.000  | 5.408f | 0       | 1125139 | N.D.   | 41.610 #  |
| 6)  | L1 | AR-1016-4 | 0.000  | 5.408  | 0       | 1125139 | N.D.   | 47.685 #  |
| 7)  | L1 | AR-1016-5 | 0.000  | 5.612  | 0       | 2043825 | N.D.   | 68.950 #  |
| 8)  | L2 | AR-1221-1 | 0.000  | 4.224f | 0       | 117127  | N.D.   | 9.288 #   |
| 13) | L3 | AR-1232-3 | 0.000  | 5.408f | 0       | 1125139 | N.D.   | 100.363 # |
| 14) | L3 | AR-1232-4 | 0.000  | 5.444  | 0       | 2211554 | N.D.   | 201.848 # |
| 15) | L3 | AR-1232-5 | 0.000  | 5.612  | 0       | 2043825 | N.D.   | 165.894 # |
| 18) | L4 | AR-1242-3 | 0.000  | 5.408f | 0       | 1125139 | N.D.   | 52.873 #  |
| 19) | L4 | AR-1242-4 | 0.000  | 5.444  | 0       | 2211554 | N.D.   | 97.025 #  |
| 20) | L4 | AR-1242-5 | 6.871  | 6.000  | 69520   | 4724749 | 2.863  | 172.114 # |
| 22) | L5 | AR-1248-2 | 0.000  | 5.408  | 0       | 1125139 | N.D.   | 35.195 #  |
| 23) | L5 | AR-1248-3 | 0.000  | 5.444  | 0       | 2211554 | N.D.   | 66.000 #  |
| 24) | L5 | AR-1248-4 | 6.795  | 5.612  | -123695 | 2043825 | N.D.   | 52.637 #  |
| 25) | L5 | AR-1248-5 | 6.871  | 6.000  | 69520   | 4724749 | 1.674  | 127.461 # |
| 26) | L6 | AR-1254-1 | 6.795  | 6.000  | -123695 | 4724749 | N.D.   | 77.912 #  |
| 27) | L6 | AR-1254-2 | 6.974  | 6.123  | 97372   | 1867458 | 1.427  | 35.412 #  |
| 28) | L6 | AR-1254-3 | 7.380  | 6.533  | 2271928 | 4233802 | 31.794 | 50.850 #  |
| 29) | L6 | AR-1254-4 | 7.626  | 6.762  | 1113370 | 1569438 | 20.689 | 32.275 #  |
| 30) | L6 | AR-1254-5 | 8.082  | 7.184  | 668162  | 996734  | 10.662 | 13.355 #  |
| 31) | L7 | AR-1260-1 | 7.517  | 6.665  | 877109  | 2487213 | 16.211 | 44.695 #  |
| 32) | L7 | AR-1260-2 | 7.755  | 6.835  | 596297  | 1573592 | 9.374  | 23.757 #  |
| 33) | L7 | AR-1260-3 | 8.117  | 7.008  | 49156   | 364807  | 0.914  | 5.894 #   |
| 34) | L7 | AR-1260-4 | 8.387  | 7.484  | 194986  | 168172  | 3.133  | 3.189     |
| 35) | L7 | AR-1260-5 | 8.736  | 7.722  | 192920  | 194310  | 1.704  | 1.632     |
| 36) | L8 | AR-1262-1 | 8.387  | 7.184  | 194986  | 996734  | 2.630  | 12.845 #  |
| 37) | L8 | AR-1262-2 | 8.736  | 7.484  | 192920  | 168172  | 1.496  | 2.379 #   |
| 38) | L8 | AR-1262-3 | 9.120f | 8.041f | 153743  | 141172  | 1.607  | 2.399 #   |
| 39) | L8 | AR-1262-4 | 9.120  | 8.075  | 153743  | 167569  | 2.013  | 1.617     |
| 41) | L9 | AR-1268-1 | 0.000  | 8.041f | 0       | 141172  | N.D.   | 0.907 #   |
| 42) | L9 | AR-1268-2 | 9.120  | 8.075  | 153743  | 167569  | 1.098  | 1.184     |

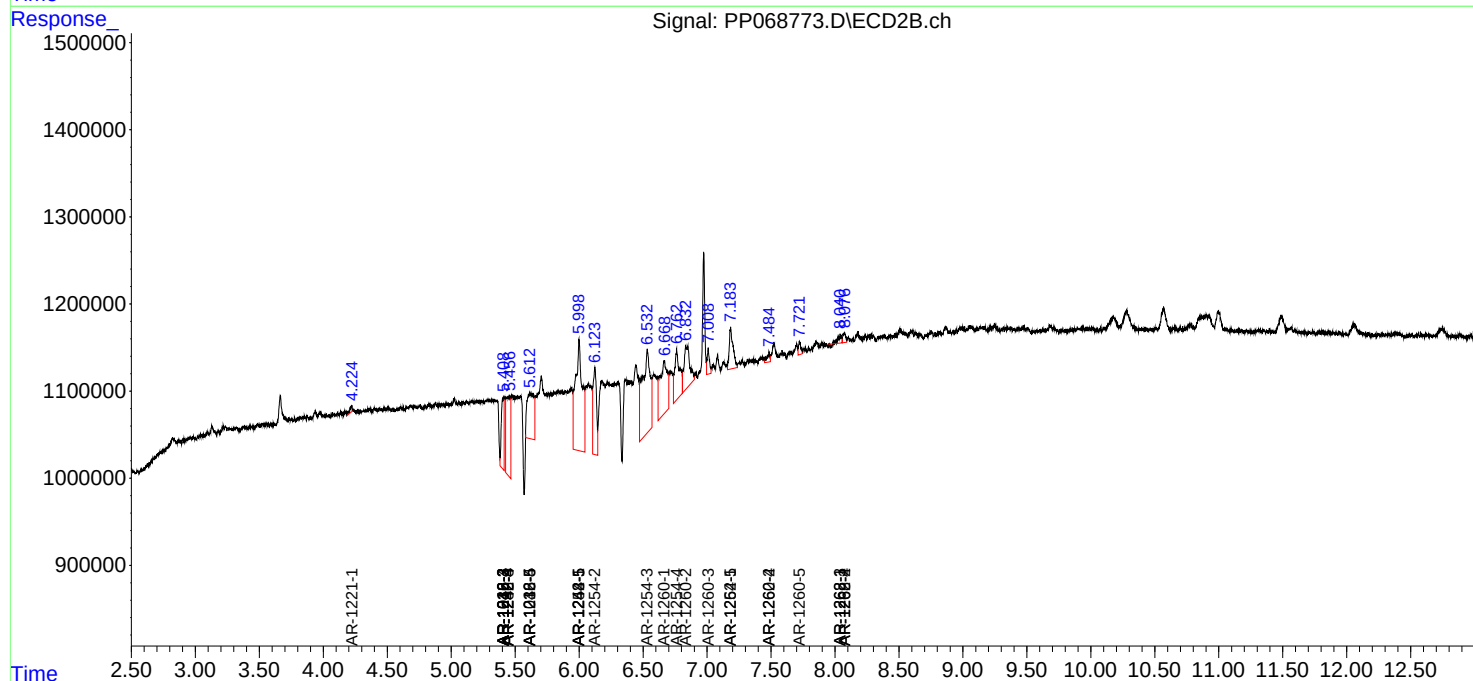
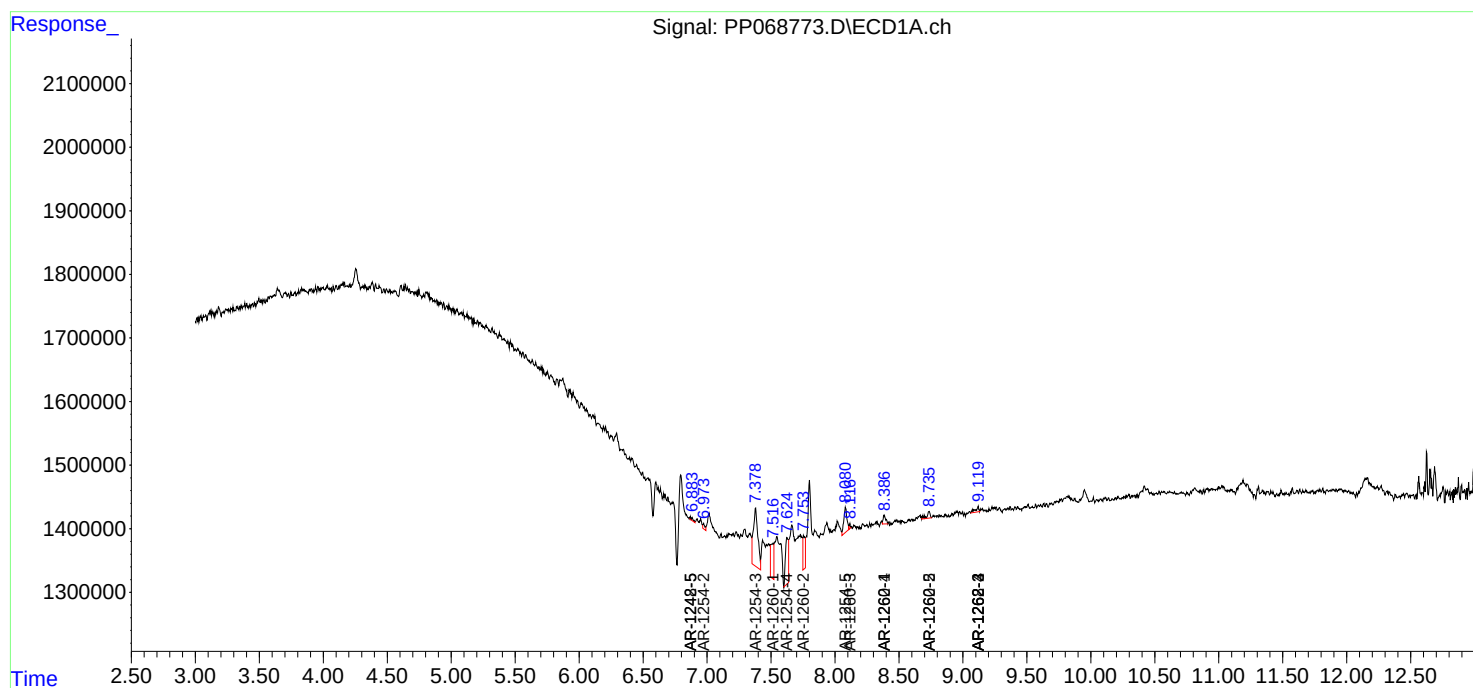
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

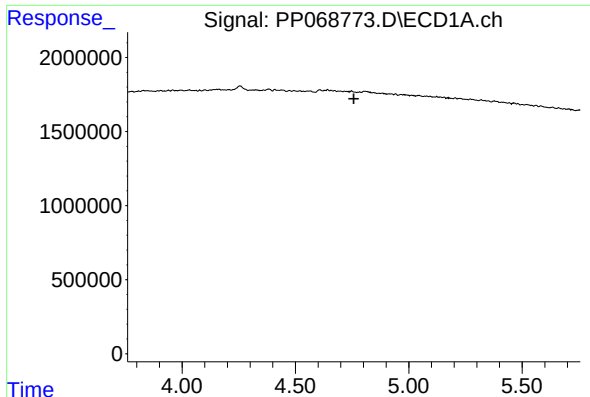
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP120524\  
Data File : PP068773.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Dec 2024 08:51  
Operator : YP\AJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 05 23:48:44 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP110724.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Nov 08 11:04:08 2024  
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

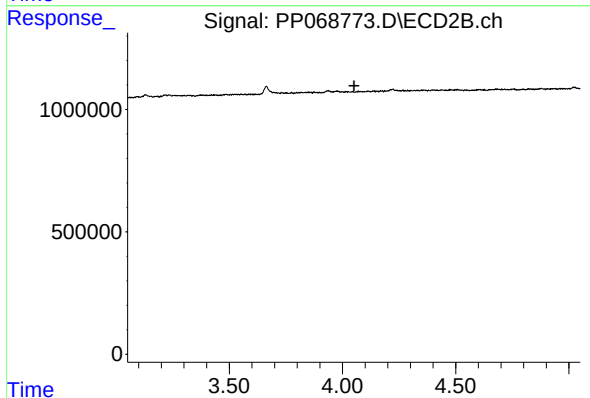




#1 Tetrachloro-m-xylene

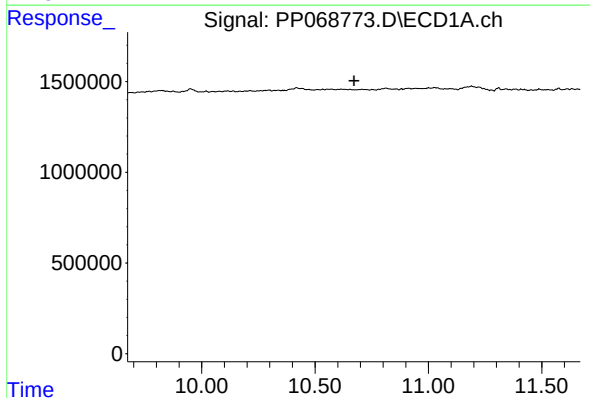
R.T.: 0.000 min  
Exp R.T. : 4.757 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



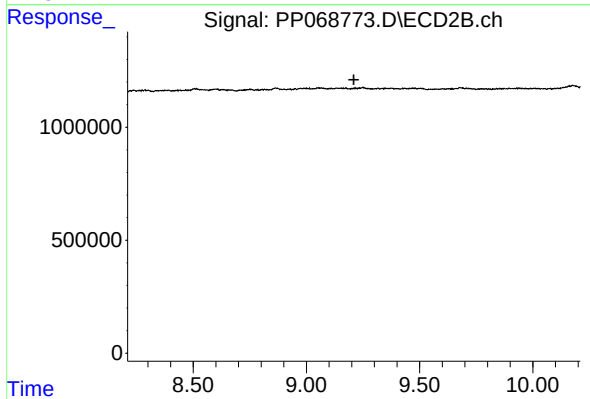
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 4.051 min  
Response: 0  
Conc: N.D.



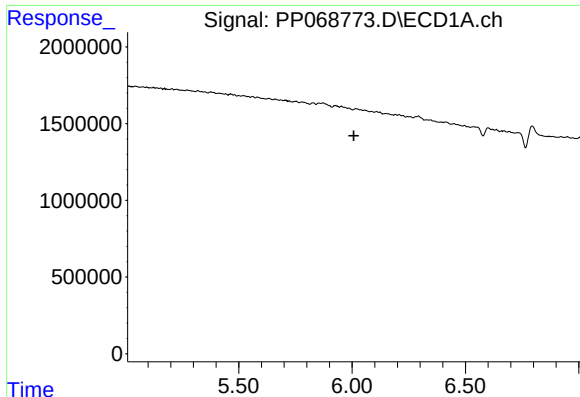
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 10.672 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

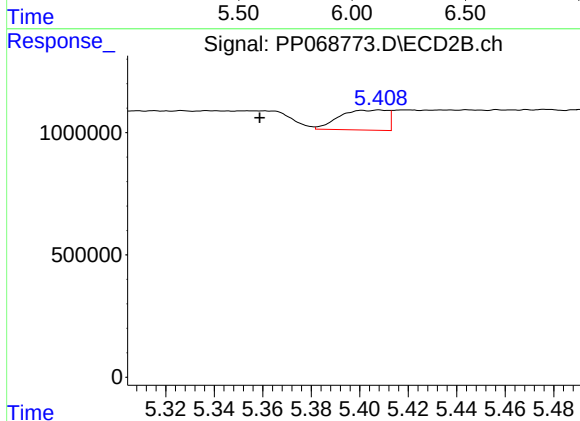
R.T.: 0.000 min  
Exp R.T. : 9.210 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

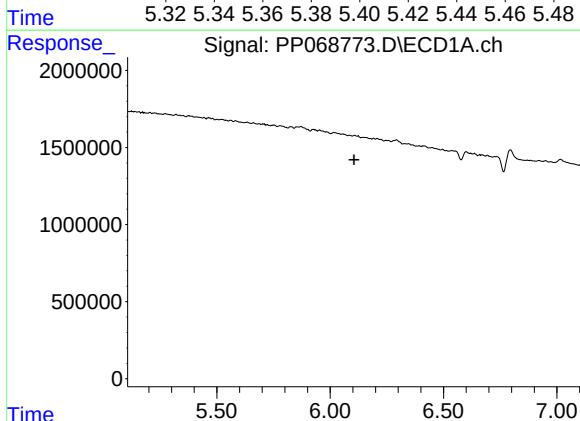
R.T.: 0.000 min  
Exp R.T.: 6.008 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



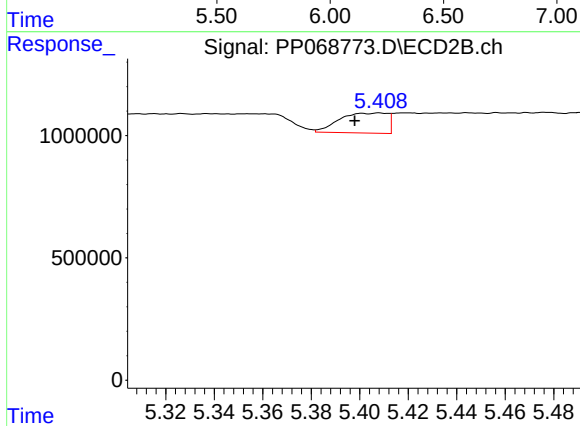
#5 AR-1016-3

R.T.: 5.408 min  
Delta R.T.: 0.049 min  
Response: 1125139  
Conc: 41.61 ng/ml



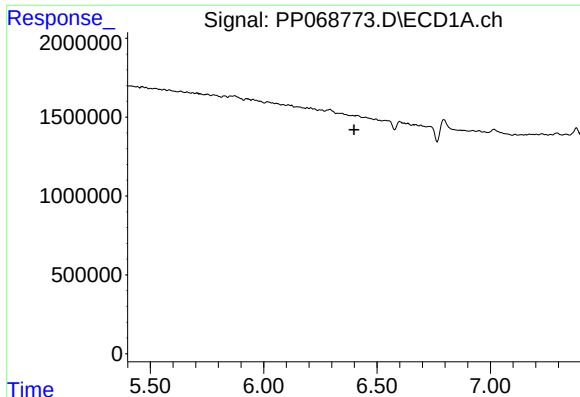
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 6.105 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

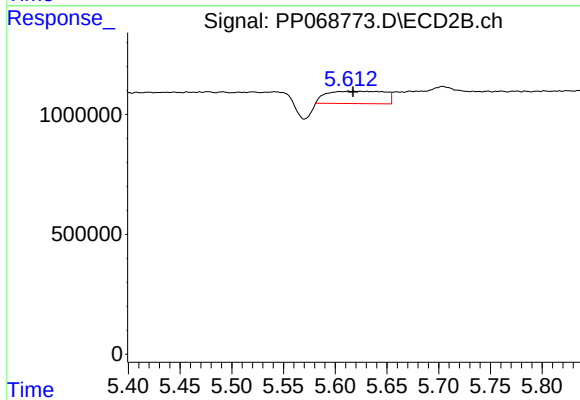
R.T.: 5.408 min  
Delta R.T.: 0.010 min  
Response: 1125139  
Conc: 47.69 ng/ml



#7 AR-1016-5

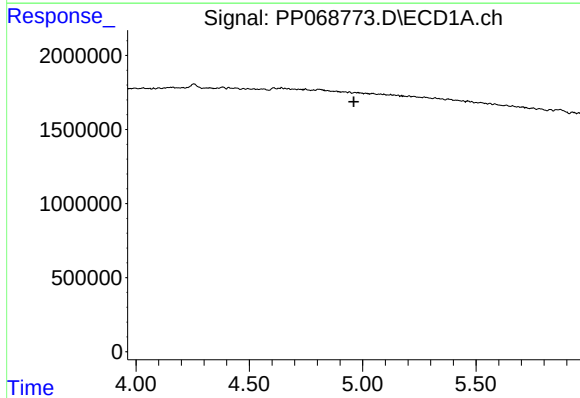
R.T.: 0.000 min  
Exp R.T.: 6.399 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



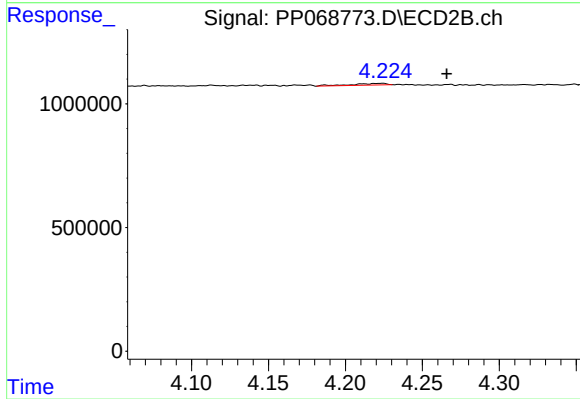
#7 AR-1016-5

R.T.: 5.612 min  
Delta R.T.: -0.005 min  
Response: 2043825  
Conc: 68.95 ng/ml



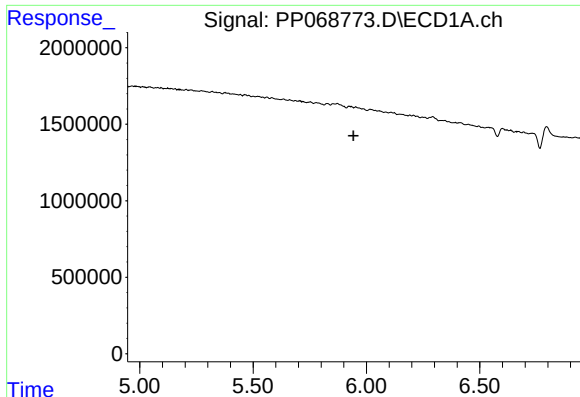
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T.: 4.962 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

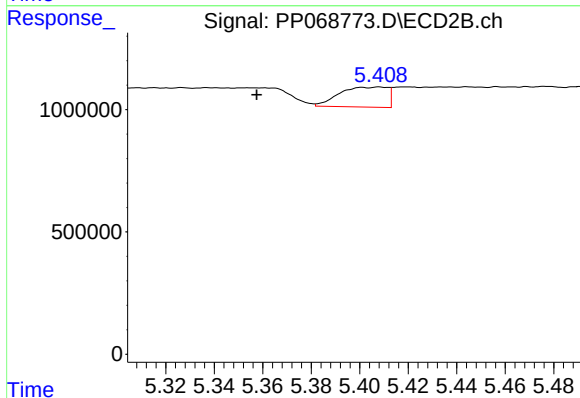
R.T.: 4.224 min  
Delta R.T.: -0.042 min  
Response: 117127  
Conc: 9.29 ng/ml



#13 AR-1232-3

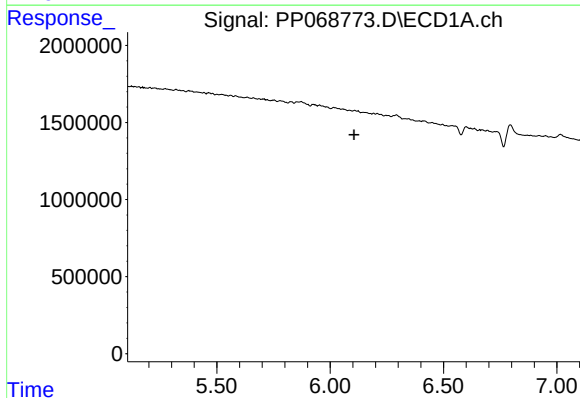
R.T.: 0.000 min  
Exp R.T.: 5.943 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



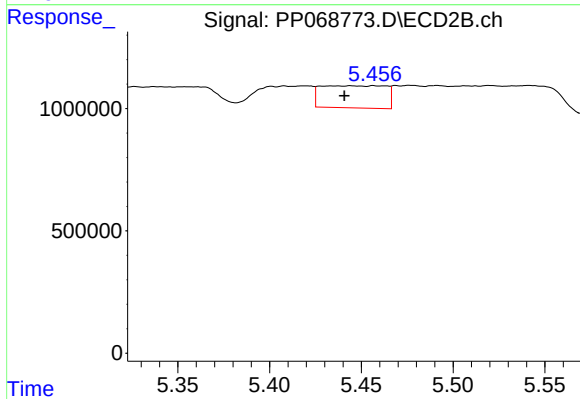
#13 AR-1232-3

R.T.: 5.408 min  
Delta R.T.: 0.051 min  
Response: 1125139  
Conc: 100.36 ng/ml



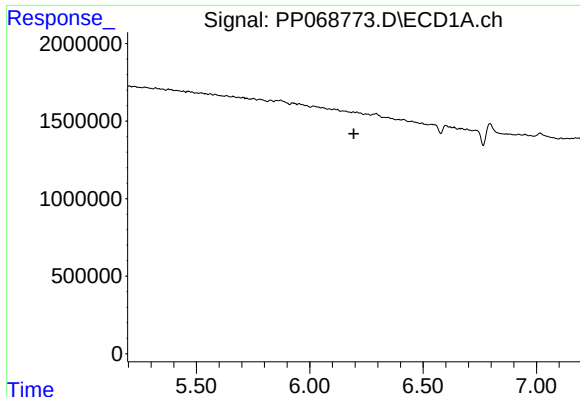
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 6.105 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

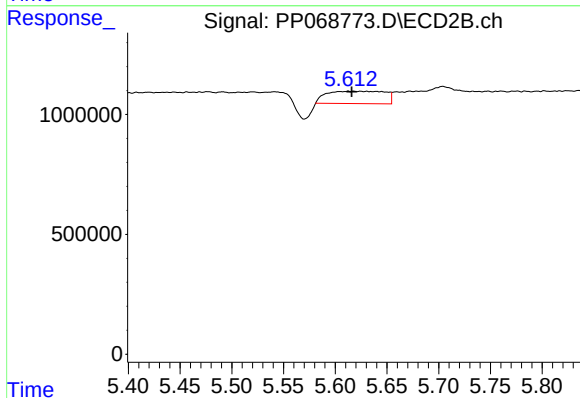
R.T.: 5.444 min  
Delta R.T.: 0.004 min  
Response: 2211554  
Conc: 201.85 ng/ml



#15 AR-1232-5

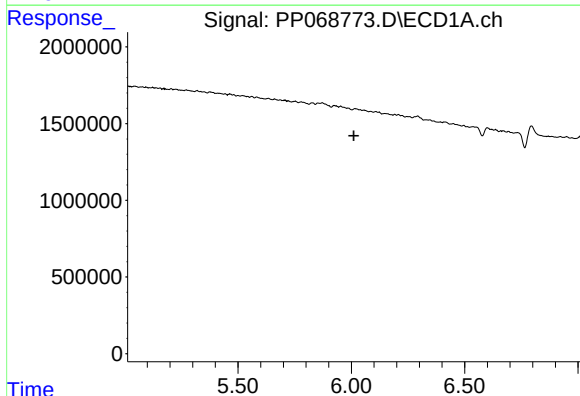
R.T.: 0.000 min  
Exp R.T.: 6.194 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



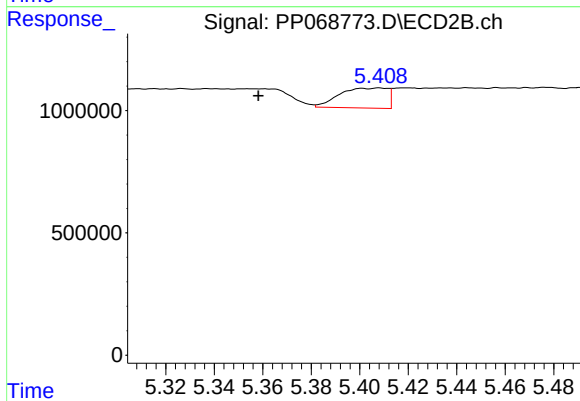
#15 AR-1232-5

R.T.: 5.612 min  
Delta R.T.: -0.003 min  
Response: 2043825  
Conc: 165.89 ng/ml



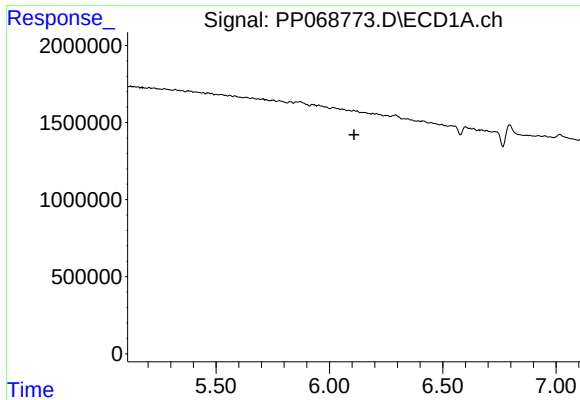
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 6.010 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

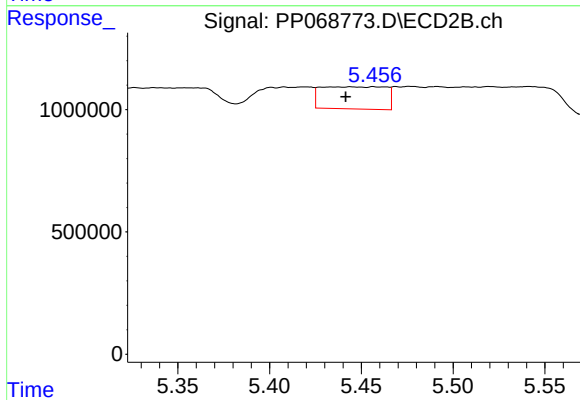
R.T.: 5.408 min  
Delta R.T.: 0.050 min  
Response: 1125139  
Conc: 52.87 ng/ml



#19 AR-1242-4

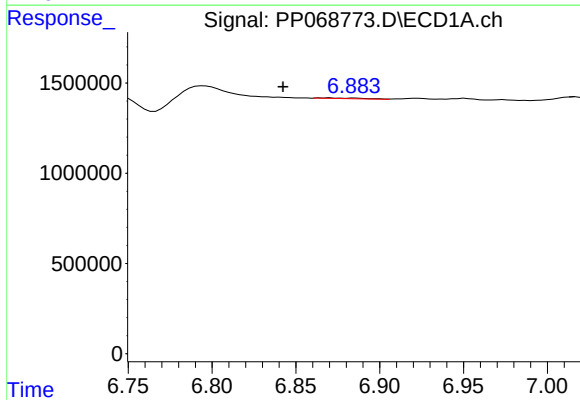
R.T.: 0.000 min  
Exp R.T.: 6.109 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



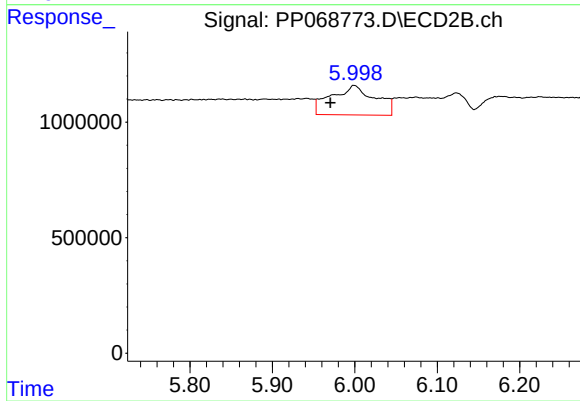
#19 AR-1242-4

R.T.: 5.444 min  
Delta R.T.: 0.003 min  
Response: 2211554  
Conc: 97.02 ng/ml



#20 AR-1242-5

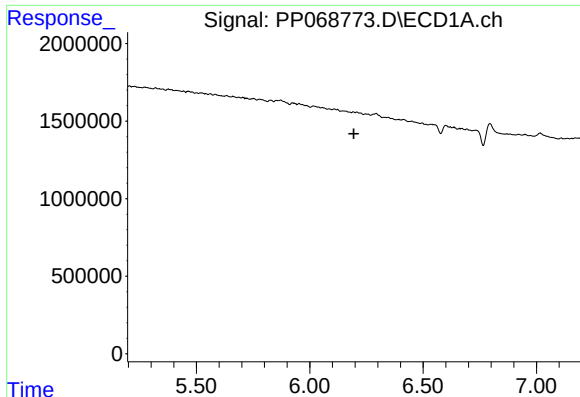
R.T.: 6.871 min  
Delta R.T.: 0.028 min  
Response: 69520  
Conc: 2.86 ng/ml



#20 AR-1242-5

R.T.: 6.000 min  
Delta R.T.: 0.029 min  
Response: 4724749  
Conc: 172.11 ng/ml

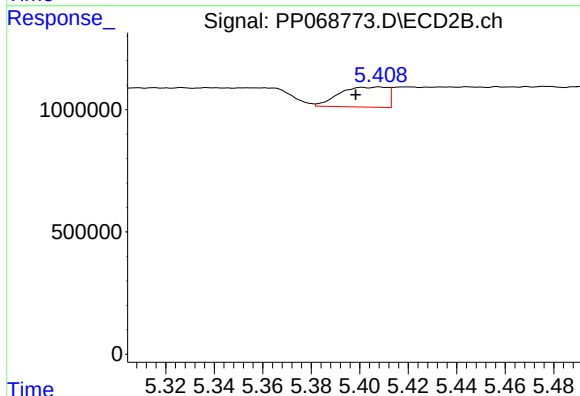




#22 AR-1248-2

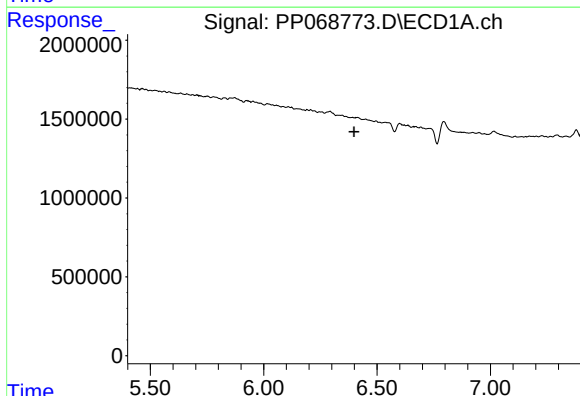
R.T.: 0.000 min  
Exp R.T.: 6.194 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



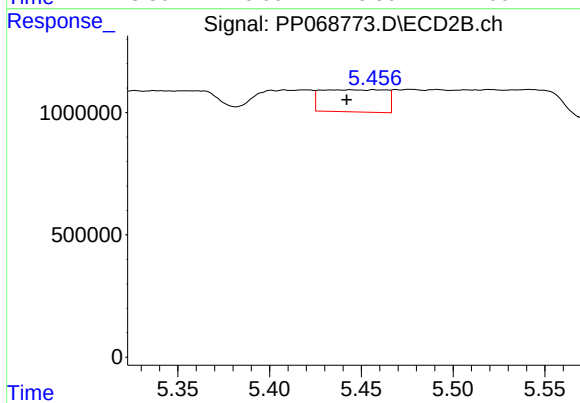
#22 AR-1248-2

R.T.: 5.408 min  
Delta R.T.: 0.010 min  
Response: 1125139  
Conc: 35.19 ng/ml



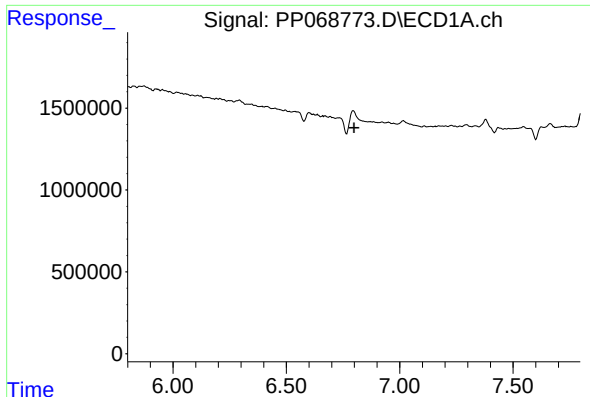
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.399 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

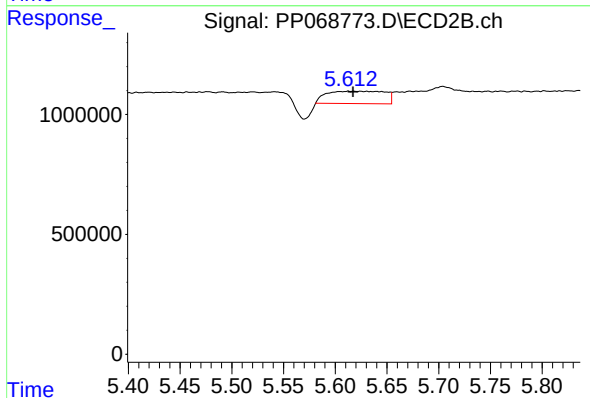
R.T.: 5.444 min  
Delta R.T.: 0.002 min  
Response: 2211554  
Conc: 66.00 ng/ml



#24 AR-1248-4

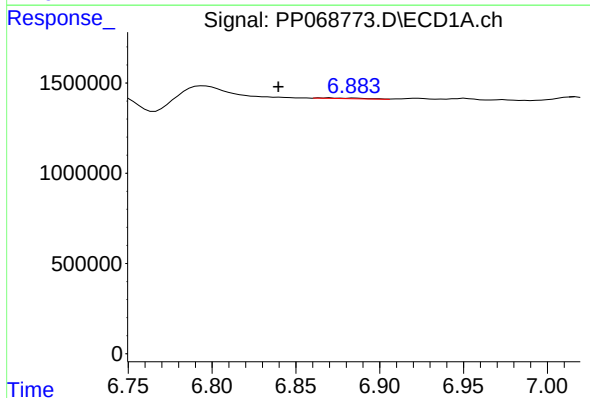
R.T.: 6.795 min  
Delta R.T.: -0.004 min  
Response: -123695  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



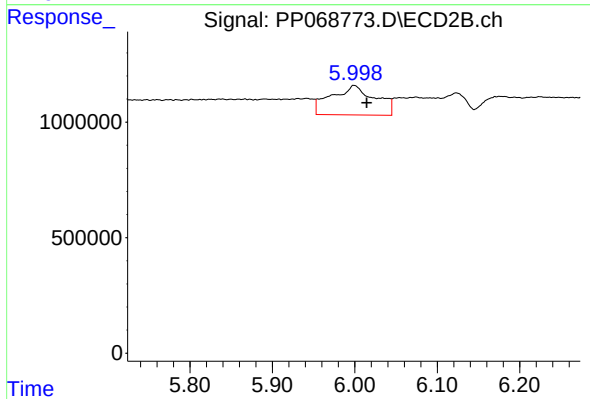
#24 AR-1248-4

R.T.: 5.612 min  
Delta R.T.: -0.005 min  
Response: 2043825  
Conc: 52.64 ng/ml



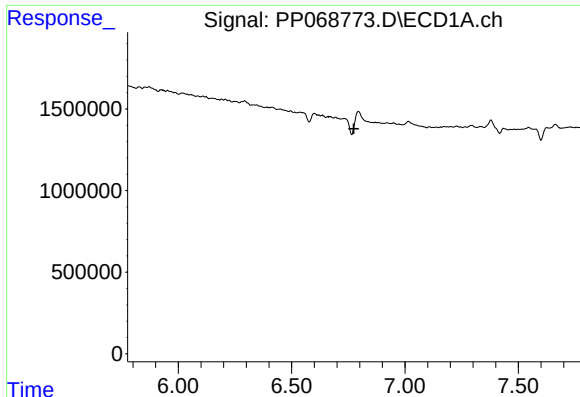
#25 AR-1248-5

R.T.: 6.871 min  
Delta R.T.: 0.031 min  
Response: 69520  
Conc: 1.67 ng/ml



#25 AR-1248-5

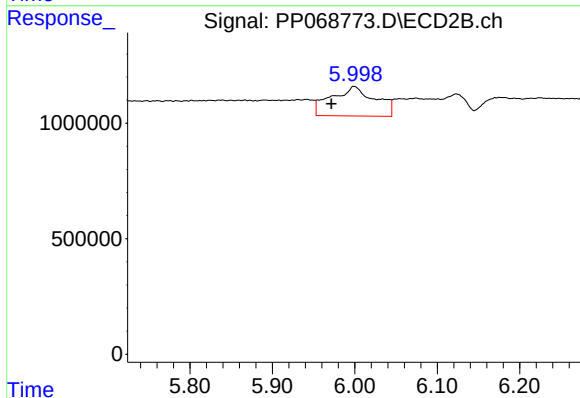
R.T.: 6.000 min  
Delta R.T.: -0.015 min  
Response: 4724749  
Conc: 127.46 ng/ml



#26 AR-1254-1

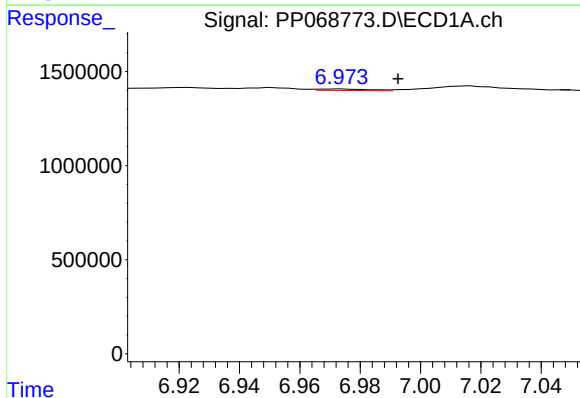
R.T.: 6.795 min  
Delta R.T.: 0.021 min  
Response: -123695  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



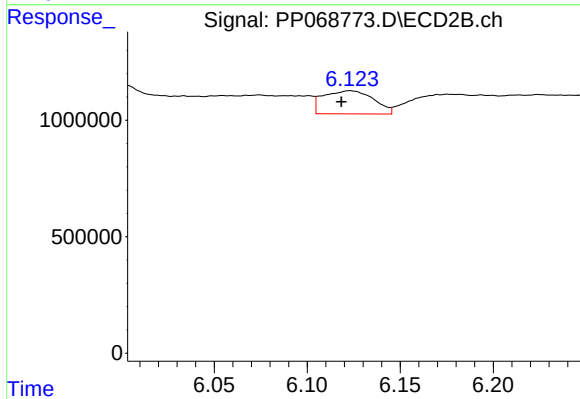
#26 AR-1254-1

R.T.: 6.000 min  
Delta R.T.: 0.028 min  
Response: 4724749  
Conc: 77.91 ng/ml



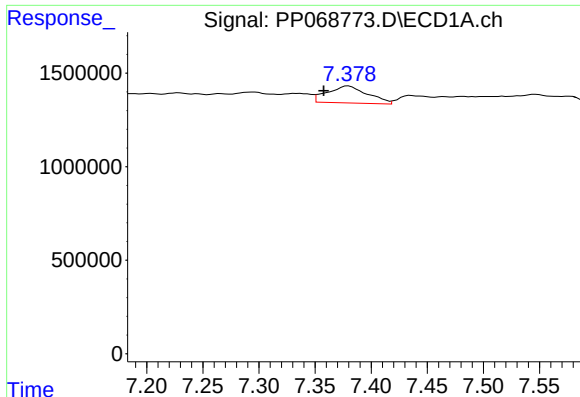
#27 AR-1254-2

R.T.: 6.974 min  
Delta R.T.: -0.019 min  
Response: 97372  
Conc: 1.43 ng/ml



#27 AR-1254-2

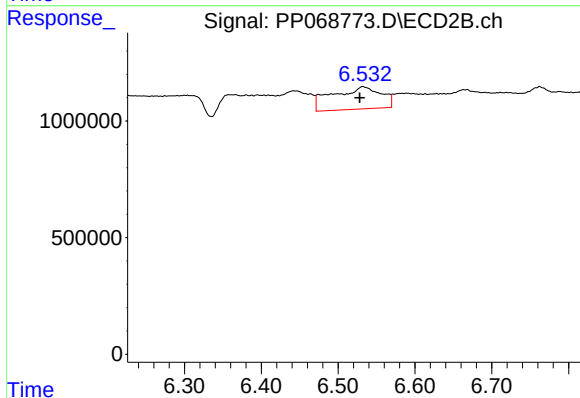
R.T.: 6.123 min  
Delta R.T.: 0.005 min  
Response: 1867458  
Conc: 35.41 ng/ml



#28 AR-1254-3

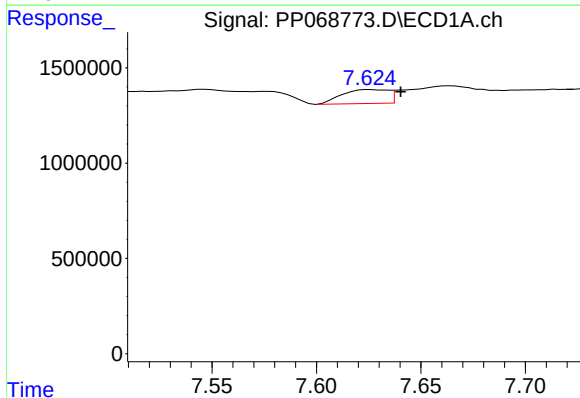
R.T.: 7.380 min  
Delta R.T.: 0.022 min  
Response: 2271928  
Conc: 31.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



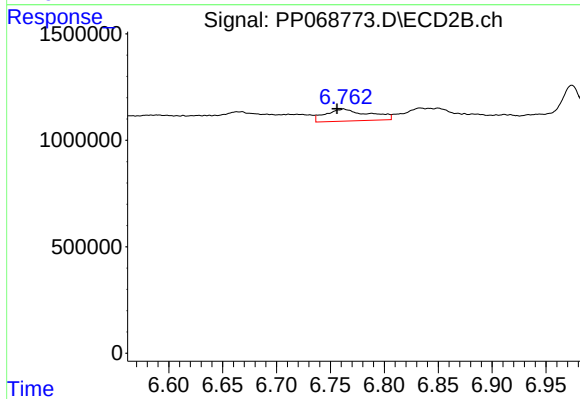
#28 AR-1254-3

R.T.: 6.533 min  
Delta R.T.: 0.005 min  
Response: 4233802  
Conc: 50.85 ng/ml



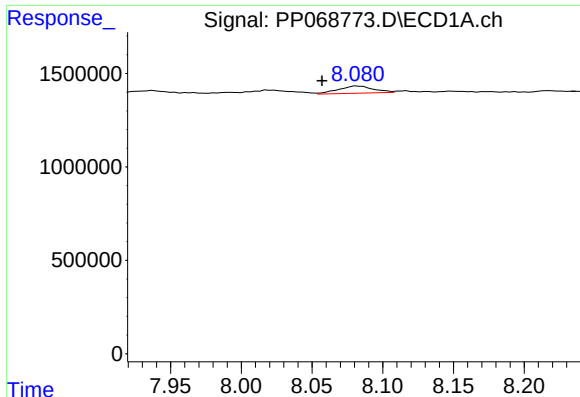
#29 AR-1254-4

R.T.: 7.626 min  
Delta R.T.: -0.014 min  
Response: 1113370  
Conc: 20.69 ng/ml



#29 AR-1254-4

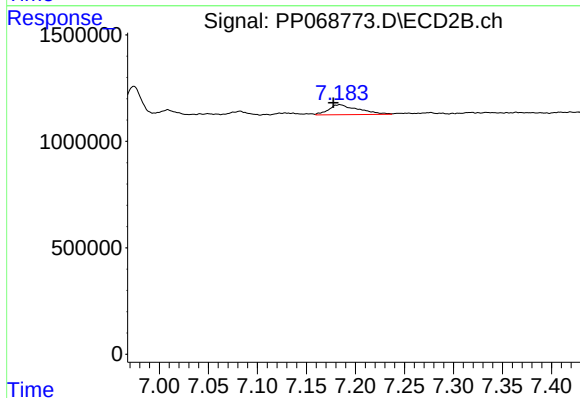
R.T.: 6.762 min  
Delta R.T.: 0.006 min  
Response: 1569438  
Conc: 32.27 ng/ml



#30 AR-1254-5

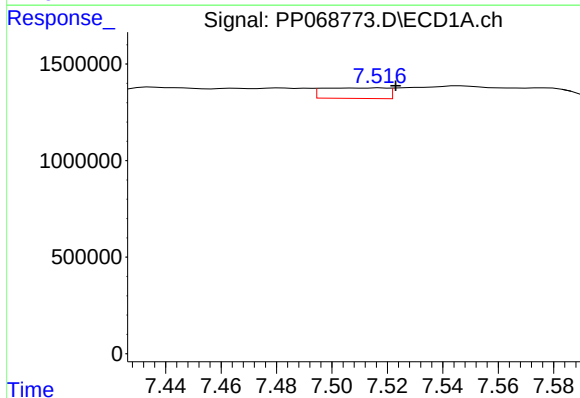
R.T.: 8.082 min  
Delta R.T.: 0.025 min  
Response: 668162  
Conc: 10.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



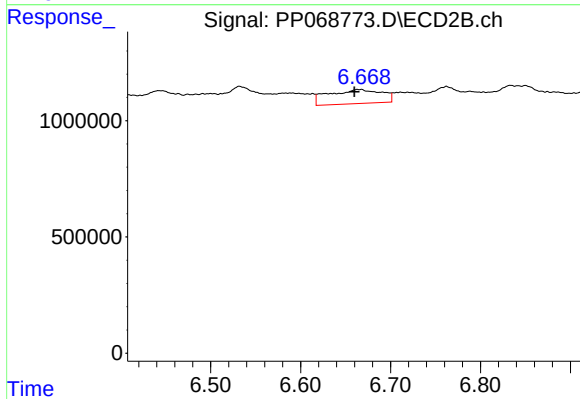
#30 AR-1254-5

R.T.: 7.184 min  
Delta R.T.: 0.006 min  
Response: 996734  
Conc: 13.36 ng/ml



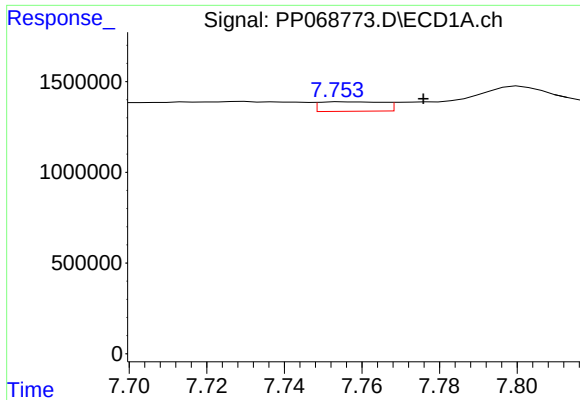
#31 AR-1260-1

R.T.: 7.517 min  
Delta R.T.: -0.006 min  
Response: 877109  
Conc: 16.21 ng/ml



#31 AR-1260-1

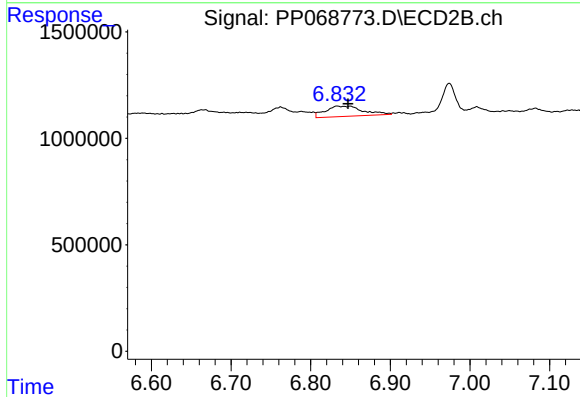
R.T.: 6.665 min  
Delta R.T.: 0.005 min  
Response: 2487213  
Conc: 44.69 ng/ml



#32 AR-1260-2

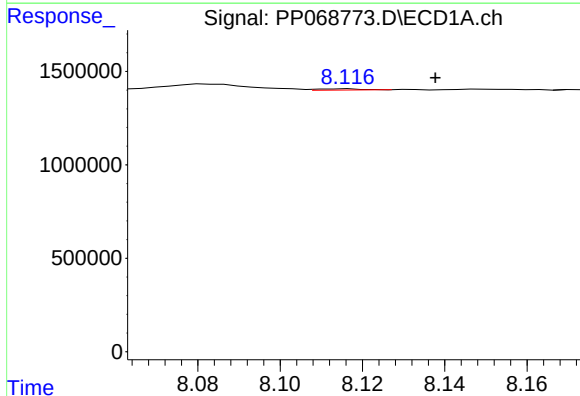
R.T.: 7.755 min  
Delta R.T.: -0.021 min  
Response: 596297  
Conc: 9.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



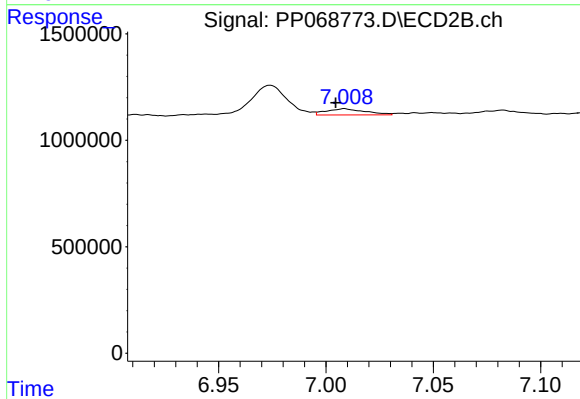
#32 AR-1260-2

R.T.: 6.835 min  
Delta R.T.: -0.012 min  
Response: 1573592  
Conc: 23.76 ng/ml



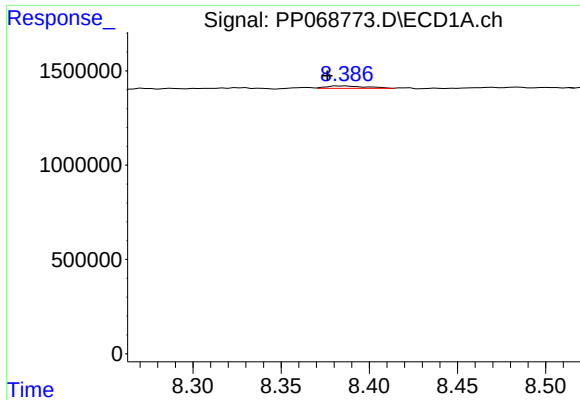
#33 AR-1260-3

R.T.: 8.117 min  
Delta R.T.: -0.021 min  
Response: 49156  
Conc: 0.91 ng/ml



#33 AR-1260-3

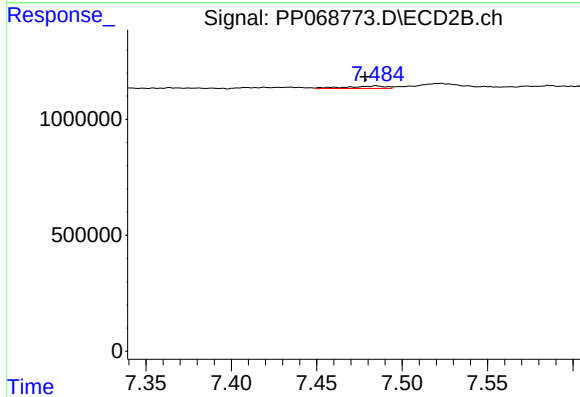
R.T.: 7.008 min  
Delta R.T.: 0.004 min  
Response: 364807  
Conc: 5.89 ng/ml



#34 AR-1260-4

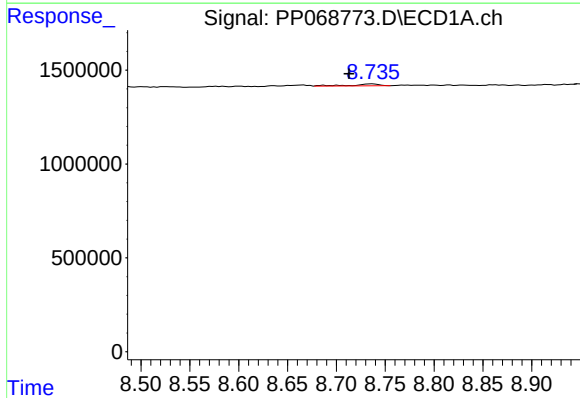
R.T.: 8.387 min  
Delta R.T.: 0.011 min  
Response: 194986  
Conc: 3.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



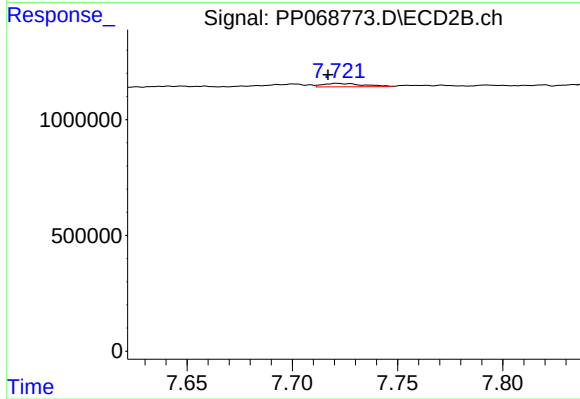
#34 AR-1260-4

R.T.: 7.484 min  
Delta R.T.: 0.006 min  
Response: 168172  
Conc: 3.19 ng/ml



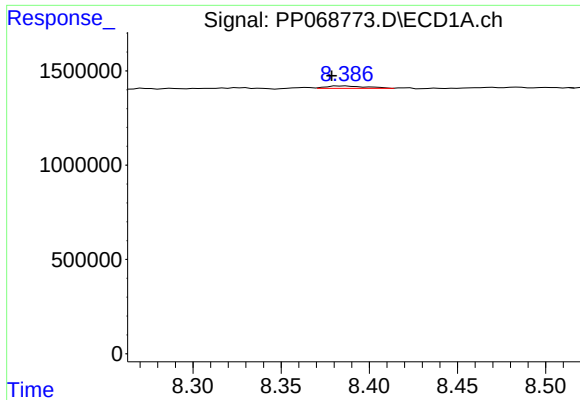
#35 AR-1260-5

R.T.: 8.736 min  
Delta R.T.: 0.023 min  
Response: 192920  
Conc: 1.70 ng/ml



#35 AR-1260-5

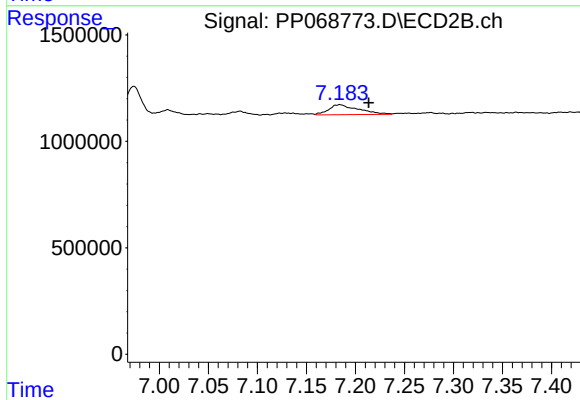
R.T.: 7.722 min  
Delta R.T.: 0.005 min  
Response: 194310  
Conc: 1.63 ng/ml



#36 AR-1262-1

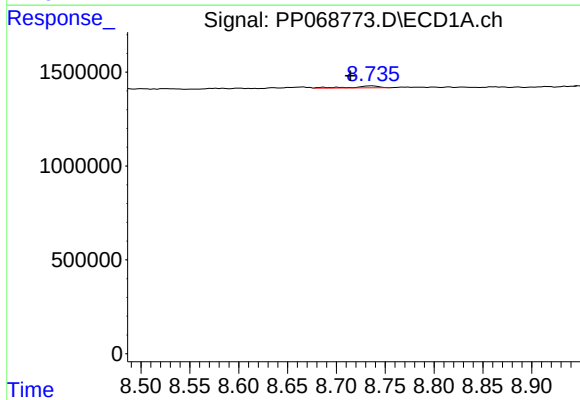
R.T.: 8.387 min  
Delta R.T.: 0.009 min  
Response: 194986  
Conc: 2.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



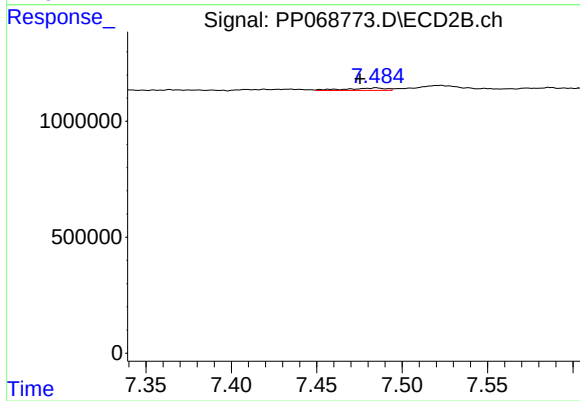
#36 AR-1262-1

R.T.: 7.184 min  
Delta R.T.: -0.030 min  
Response: 996734  
Conc: 12.85 ng/ml



#37 AR-1262-2

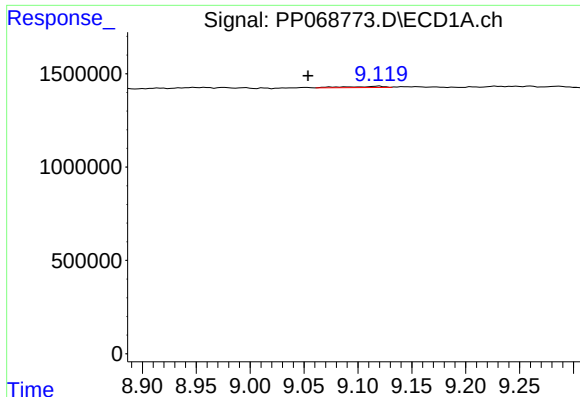
R.T.: 8.736 min  
Delta R.T.: 0.022 min  
Response: 192920  
Conc: 1.50 ng/ml



#37 AR-1262-2

R.T.: 7.484 min  
Delta R.T.: 0.009 min  
Response: 168172  
Conc: 2.38 ng/ml

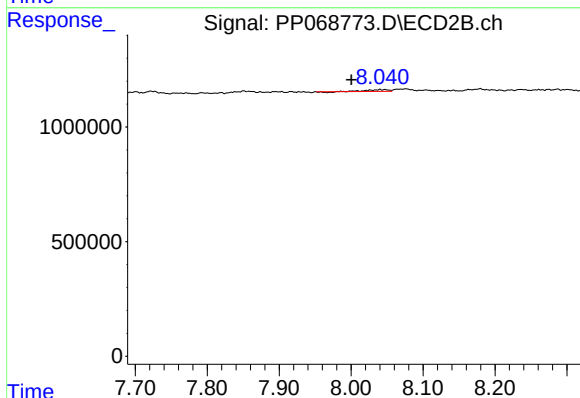




#38 AR-1262-3

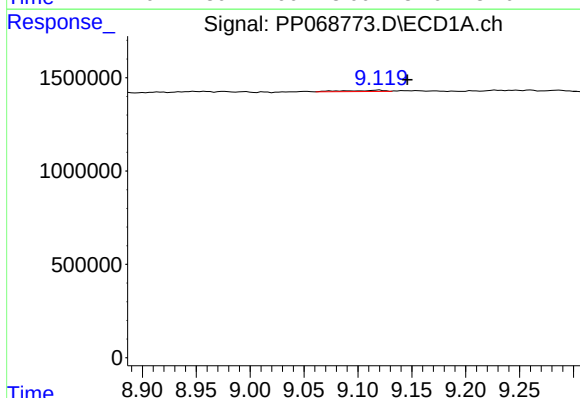
R.T.: 9.120 min  
Delta R.T.: 0.066 min  
Response: 153743  
Conc: 1.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



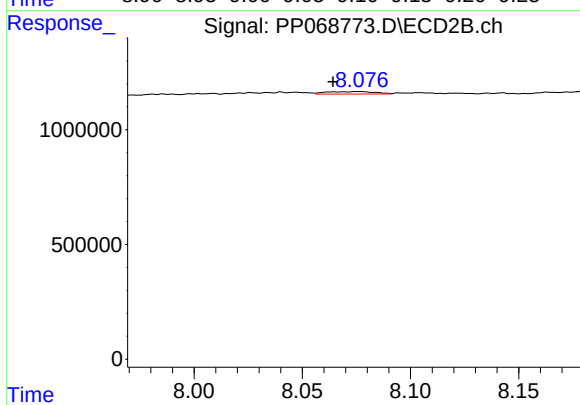
#38 AR-1262-3

R.T.: 8.041 min  
Delta R.T.: 0.041 min  
Response: 141172  
Conc: 2.40 ng/ml



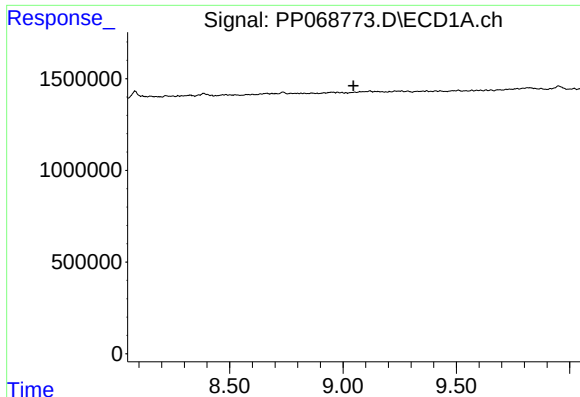
#39 AR-1262-4

R.T.: 9.120 min  
Delta R.T.: -0.026 min  
Response: 153743  
Conc: 2.01 ng/ml



#39 AR-1262-4

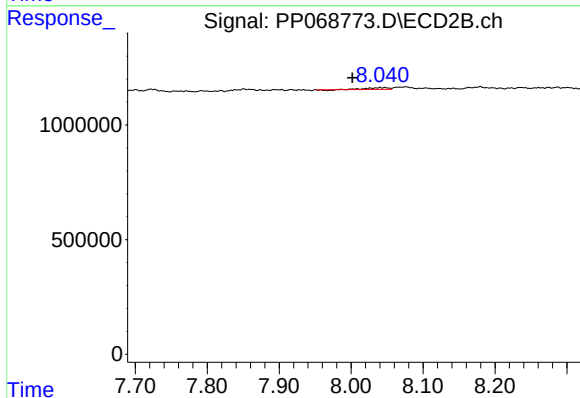
R.T.: 8.075 min  
Delta R.T.: 0.011 min  
Response: 167569  
Conc: 1.62 ng/ml



#41 AR-1268-1

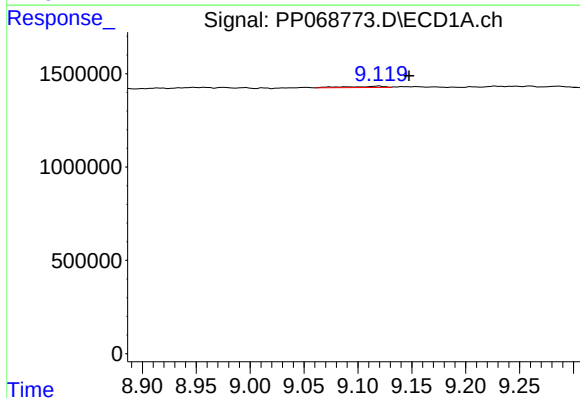
R.T.: 0.000 min  
Exp R.T.: 9.047 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
HEXANE



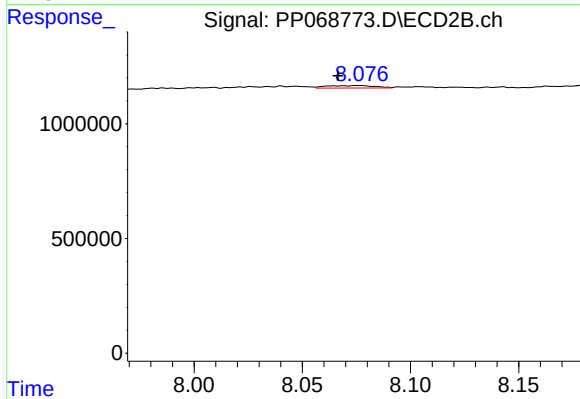
#41 AR-1268-1

R.T.: 8.041 min  
Delta R.T.: 0.040 min  
Response: 141172  
Conc: 0.91 ng/ml



#42 AR-1268-2

R.T.: 9.120 min  
Delta R.T.: -0.027 min  
Response: 153743  
Conc: 1.10 ng/ml



#42 AR-1268-2

R.T.: 8.075 min  
Delta R.T.: 0.009 min  
Response: 167569  
Conc: 1.18 ng/ml