

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031824\  
 Data File : PL088667.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Mar 2024 15:19  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 19 01:17:58 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 13 15:45:55 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|---------|
| -----                       |                 |        |        |          |          |        |         |
| System Monitoring Compounds |                 |        |        |          |          |        |         |
| 1)                          | SA Tetrachlo... | 3.634  | 2.851  | 47431837 | 22804290 | 17.899 | 17.111  |
| 28)                         | SA Decachlor... | 9.307  | 8.083  | 42644180 | 23418884 | 17.251 | 17.272  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.357  | 0        | 116281   | N.D.   | 0.058 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.724f | 0        | 155716   | N.D.   | 0.081 # |
| 4)                          | MA Heptachlor   | 0.000  | 4.051  | 0        | 16675    | N.D.   | 0.009 # |
| 5)                          | MB Aldrin       | 0.000  | 4.329  | 0        | 35576    | N.D.   | 0.020 # |
| 6)                          | B beta-BHC      | 4.665f | 4.017  | 1310116  | 57732    | 0.739  | 0.067 # |
| 7)                          | B delta-BHC     | 0.000  | 4.238  | 0        | 97601    | N.D.   | 0.051 # |
| 8)                          | B Heptachlo...  | 5.815  | 4.868f | 1208045  | 24379    | 0.352  | 0.015 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.229  | 0        | 18064    | N.D.   | 0.012 # |
| 10)                         | B gamma-Chl...  | 0.000  | 5.112  | 0        | 93274    | N.D.   | 0.056 # |
| 11)                         | B alpha-Chl...  | 0.000  | 5.172  | 0        | 63901    | N.D.   | 0.038 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.360  | 0        | 16589    | N.D.   | 0.011 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.513f | 0        | 66226    | N.D.   | 0.041 # |
| 14)                         | MA Endrin       | 0.000  | 5.790f | 0        | 212444   | N.D.   | 0.147 # |
| 15)                         | B Endosulfa...  | 6.918f | 6.068  | 633623   | 86849    | 0.221  | 0.060 # |
| 16)                         | A 4,4'-DDD      | 6.877f | 0.000  | 420327   | 0        | 0.165  | N.D. #  |
| 18)                         | B Endrin al...  | 0.000  | 6.252  | 0        | 45277    | N.D.   | 0.043 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.485  | 0        | 172547   | N.D.   | 0.124 # |
| 23)                         | Chlordane-1     | 0.000  | 3.888  | 0        | 71098    | N.D.   | 1.464 # |
| 24)                         | Chlordane-2     | 0.000  | 4.464  | 0        | 38986    | N.D.   | 0.642 # |
| 25)                         | Chlordane-3     | 0.000  | 5.112  | 0        | 93274    | N.D.   | 0.547 # |
| 26)                         | Chlordane-4     | 0.000  | 5.172  | 0        | 63901    | N.D.   | 0.401 # |
| 27)                         | Chlordane-5     | 0.000  | 5.823f | 0        | 16047    | N.D.   | 0.316 # |
| -----                       |                 |        |        |          |          |        |         |

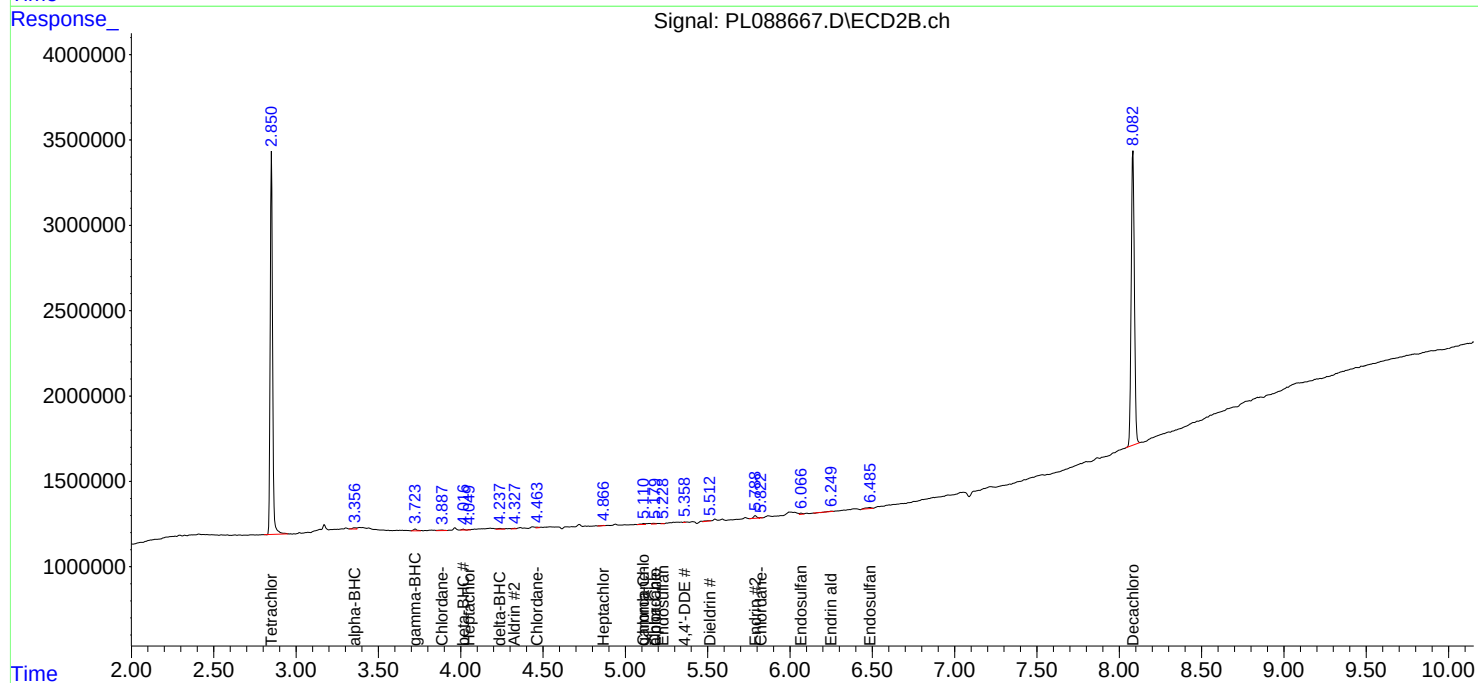
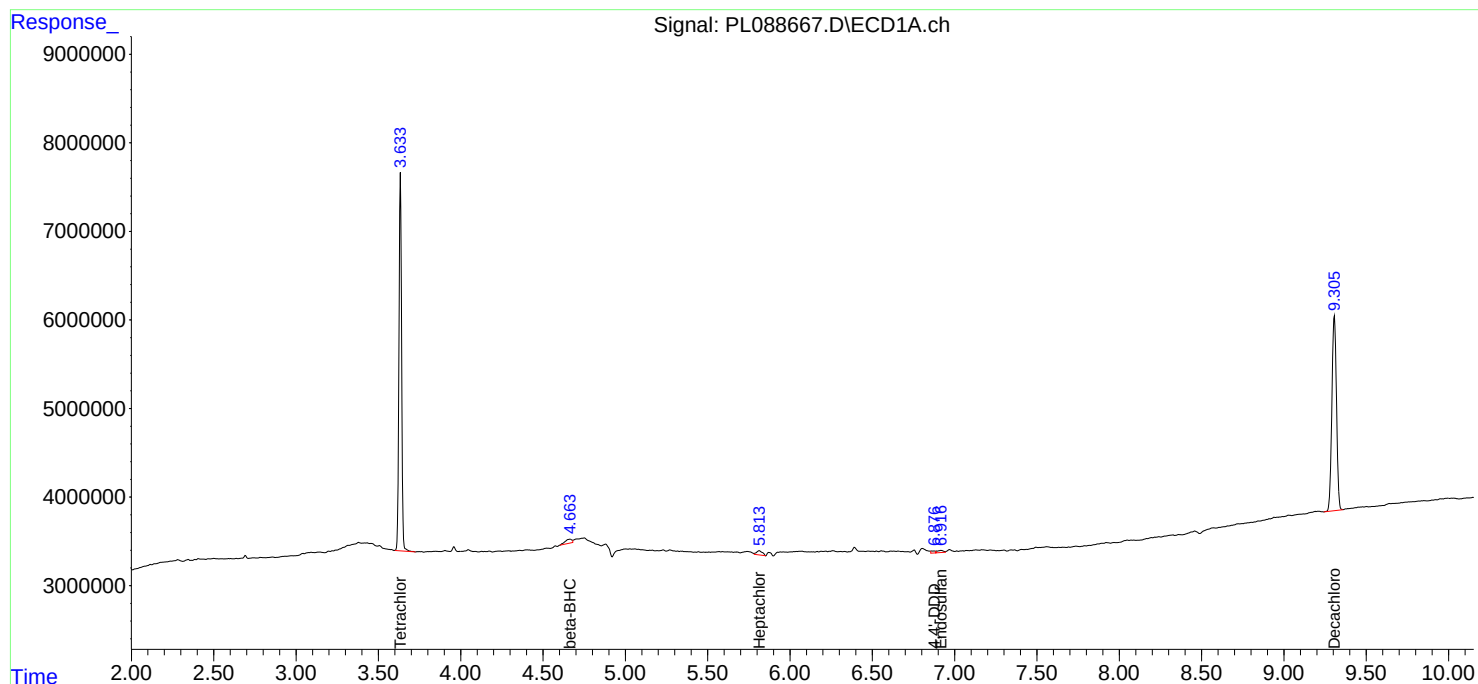
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

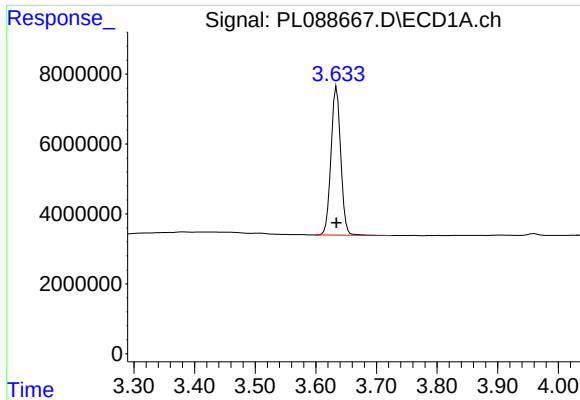
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031824\  
Data File : PL088667.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Mar 2024 15:19  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 19 01:17:58 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 13 15:45:55 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

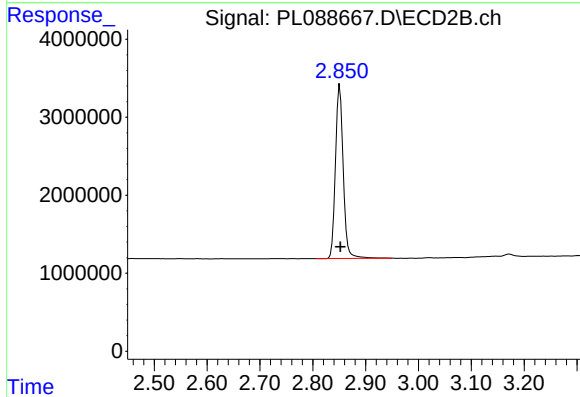




#1 Tetrachloro-m-xylene

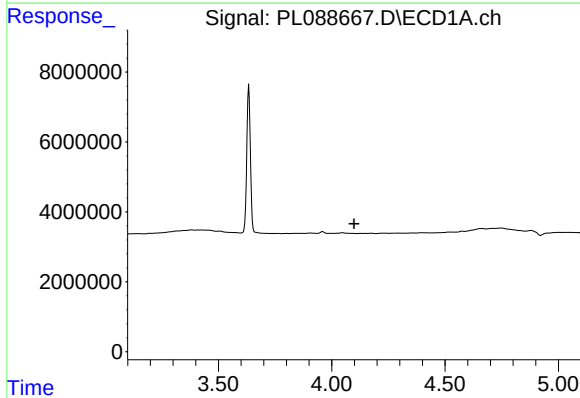
R.T.: 3.634 min  
Delta R.T.: 0.000 min  
Response: 47431837  
Conc: 17.90 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



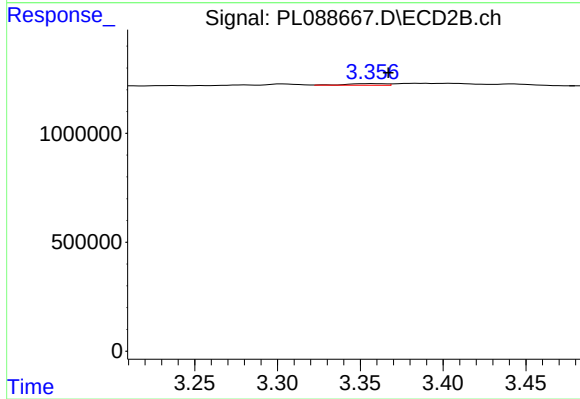
#1 Tetrachloro-m-xylene

R.T.: 2.851 min  
Delta R.T.: -0.001 min  
Response: 22804290  
Conc: 17.11 ng/ml



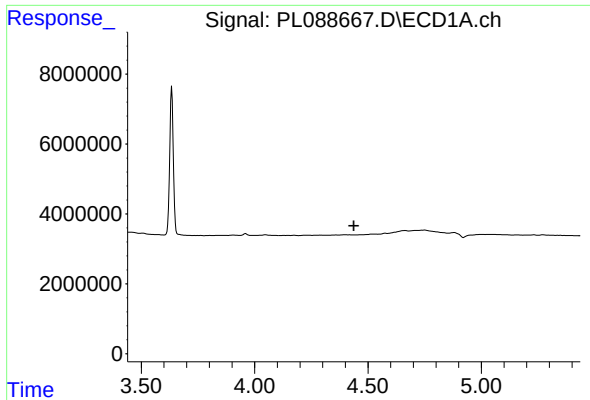
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.099 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

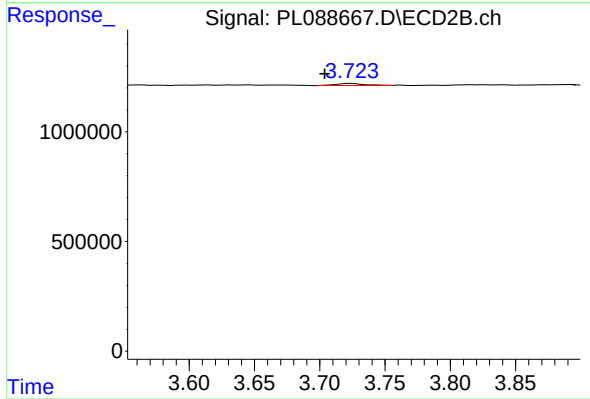
R.T.: 3.357 min  
Delta R.T.: -0.010 min  
Response: 116281  
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

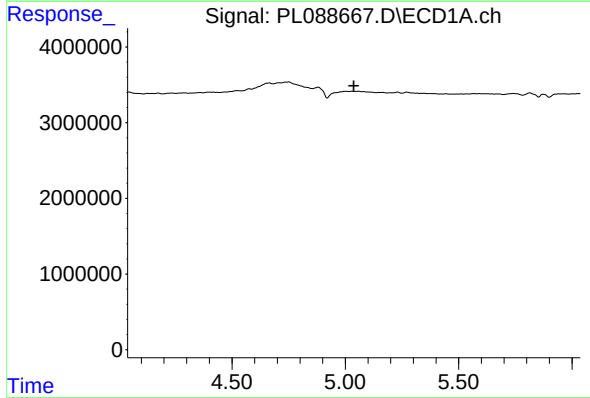
R.T.: 0.000 min  
Exp R.T.: 4.438 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



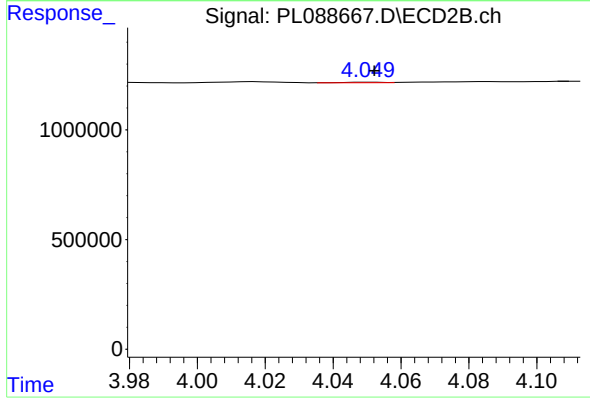
#3 gamma-BHC (Lindane)

R.T.: 3.724 min  
Delta R.T.: 0.020 min  
Response: 155716  
Conc: 0.08 ng/ml



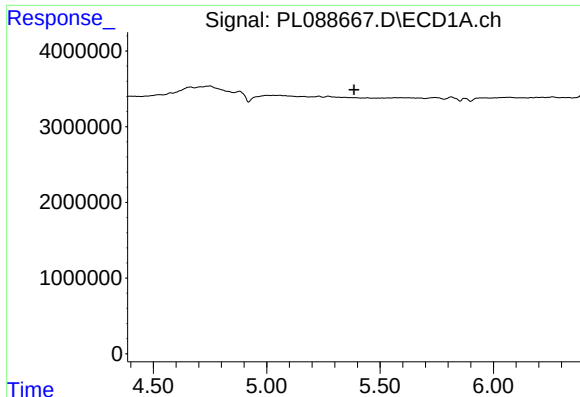
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 5.038 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

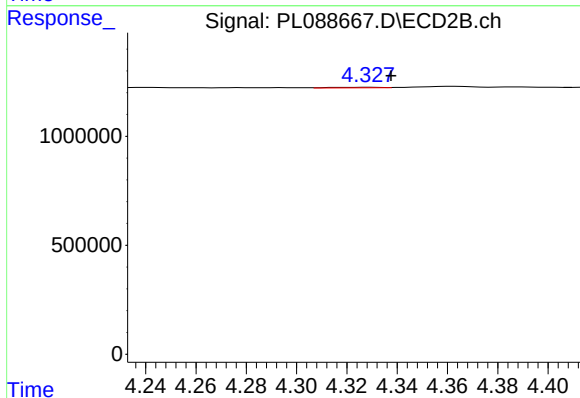
R.T.: 4.051 min  
Delta R.T.: -0.001 min  
Response: 16675  
Conc: 0.01 ng/ml



#5 Aldrin

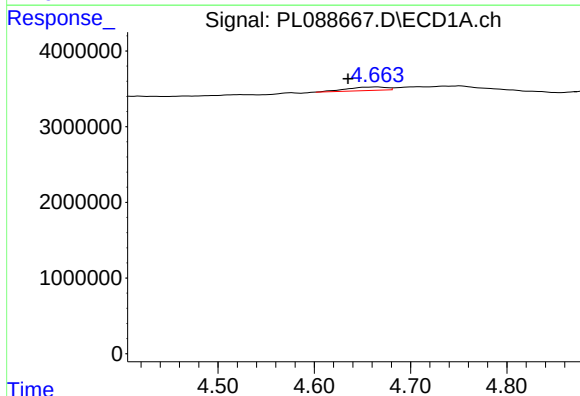
R.T.: 0.000 min  
Exp R.T.: 5.385 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



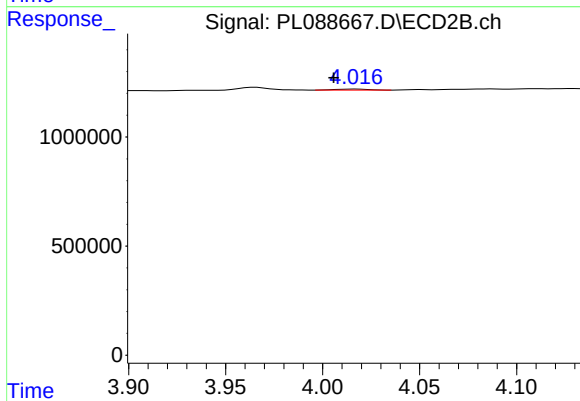
#5 Aldrin

R.T.: 4.329 min  
Delta R.T.: -0.009 min  
Response: 35576  
Conc: 0.02 ng/ml



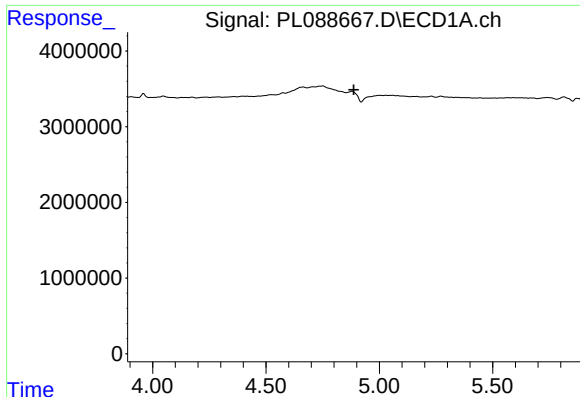
#6 beta-BHC

R.T.: 4.665 min  
Delta R.T.: 0.030 min  
Response: 1310116  
Conc: 0.74 ng/ml



#6 beta-BHC

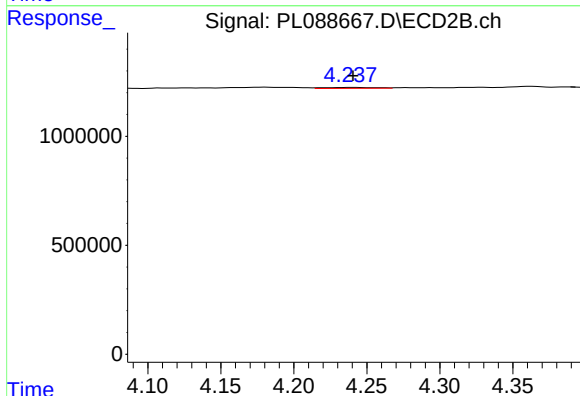
R.T.: 4.017 min  
Delta R.T.: 0.011 min  
Response: 57732  
Conc: 0.07 ng/ml



#7 delta-BHC

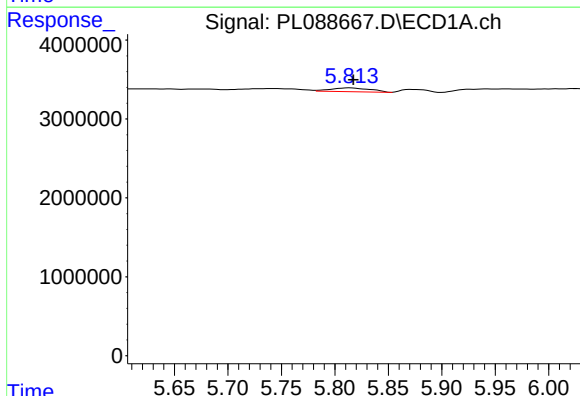
R.T.: 0.000 min  
Exp R.T.: 4.887 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



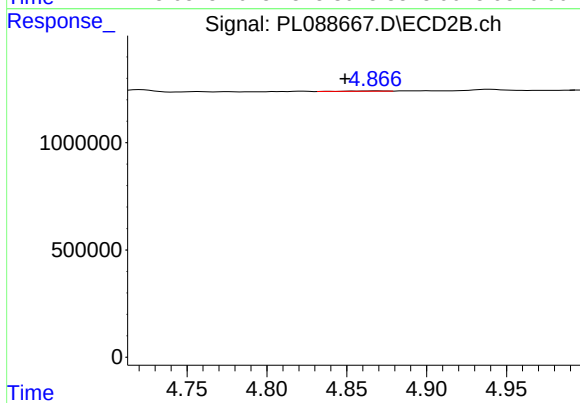
#7 delta-BHC

R.T.: 4.238 min  
Delta R.T.: -0.002 min  
Response: 97601  
Conc: 0.05 ng/ml



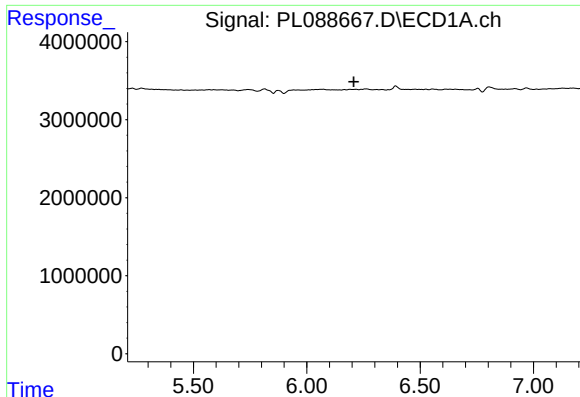
#8 Heptachlor epoxide

R.T.: 5.815 min  
Delta R.T.: -0.003 min  
Response: 1208045  
Conc: 0.35 ng/ml



#8 Heptachlor epoxide

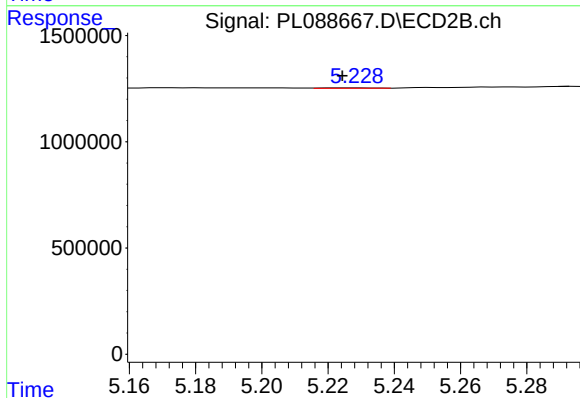
R.T.: 4.868 min  
Delta R.T.: 0.019 min  
Response: 24379  
Conc: 0.01 ng/ml



#9 Endosulfan I

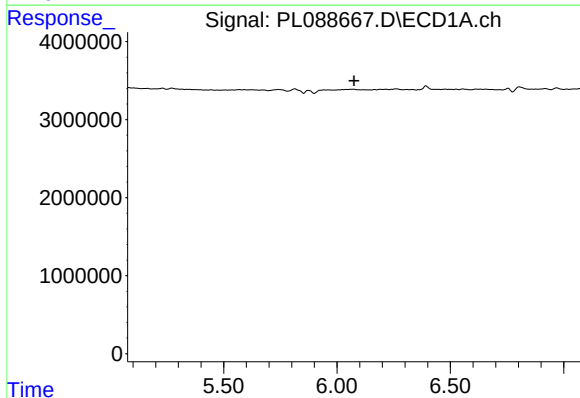
R.T.: 0.000 min  
Exp R.T.: 6.207 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



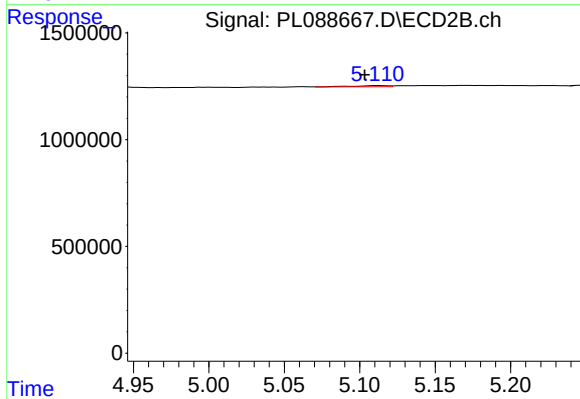
#9 Endosulfan I

R.T.: 5.229 min  
Delta R.T.: 0.005 min  
Response: 18064  
Conc: 0.01 ng/ml



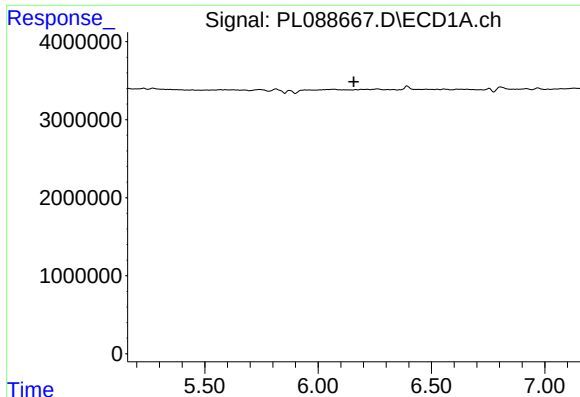
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 6.076 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

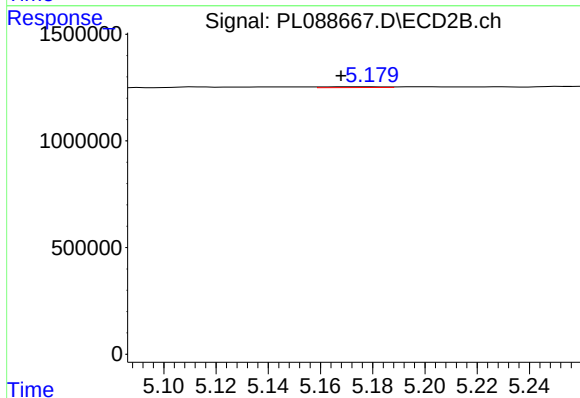
R.T.: 5.112 min  
Delta R.T.: 0.008 min  
Response: 93274  
Conc: 0.06 ng/ml



#11 alpha-Chlordane

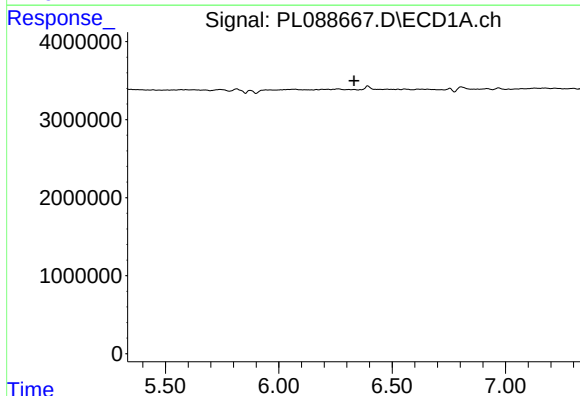
R.T.: 0.000 min  
Exp R.T.: 6.157 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



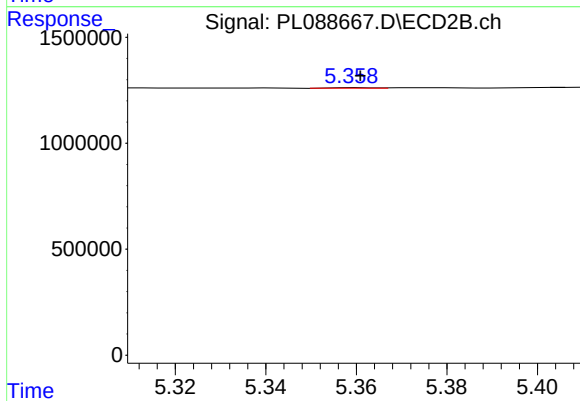
#11 alpha-Chlordane

R.T.: 5.172 min  
Delta R.T.: 0.004 min  
Response: 63901  
Conc: 0.04 ng/ml



#12 4,4'-DDE

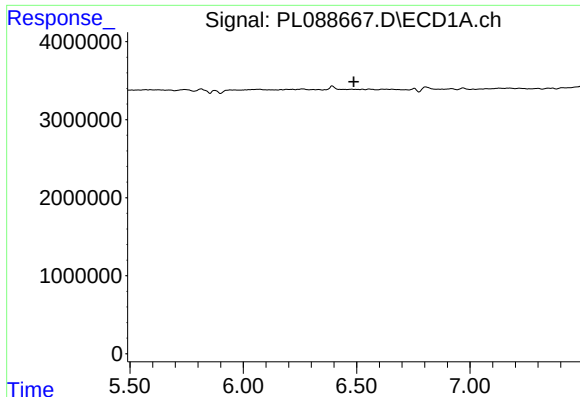
R.T.: 0.000 min  
Exp R.T.: 6.332 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.360 min  
Delta R.T.: -0.001 min  
Response: 16589  
Conc: 0.01 ng/ml

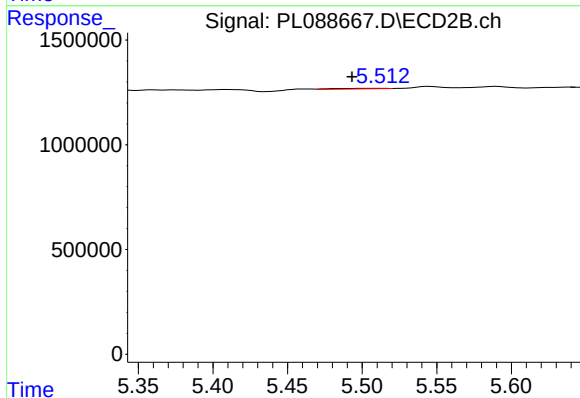




#13 Dieldrin

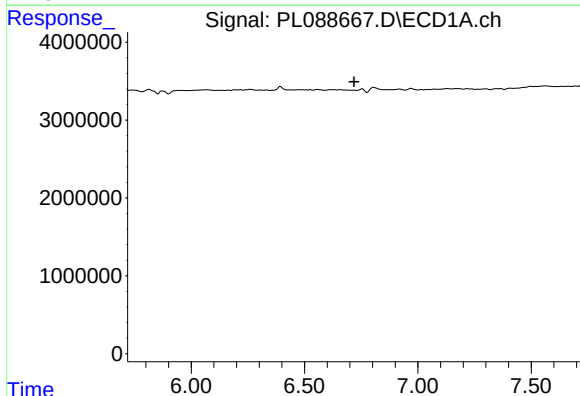
R.T.: 0.000 min  
Exp R.T. : 6.487 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



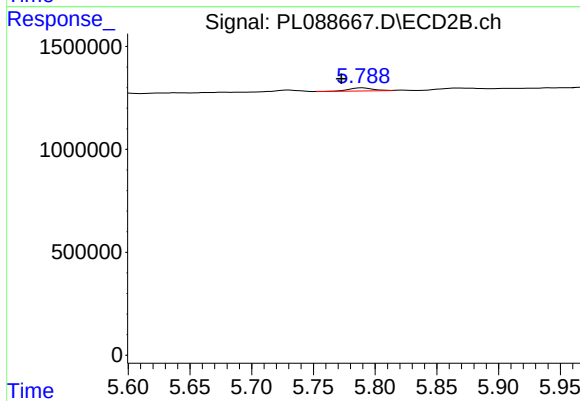
#13 Dieldrin

R.T.: 5.513 min  
Delta R.T.: 0.019 min  
Response: 66226  
Conc: 0.04 ng/ml



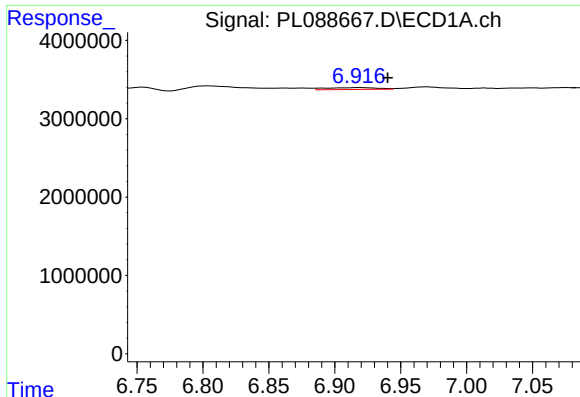
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.719 min  
Response: 0  
Conc: N.D.



#14 Endrin

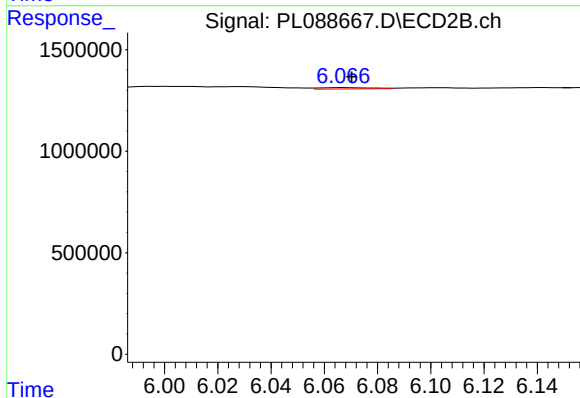
R.T.: 5.790 min  
Delta R.T.: 0.017 min  
Response: 212444  
Conc: 0.15 ng/ml



#15 Endosulfan II

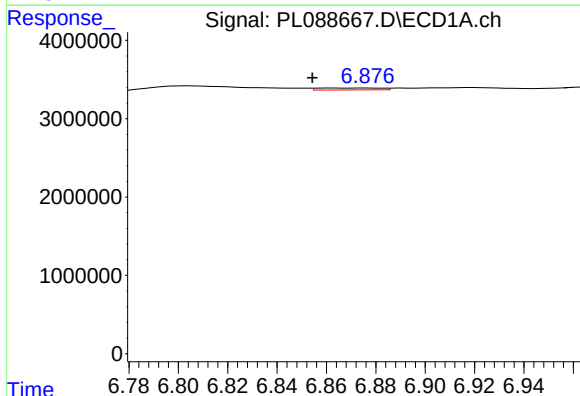
R.T.: 6.918 min  
Delta R.T.: -0.022 min  
Response: 633623  
Conc: 0.22 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



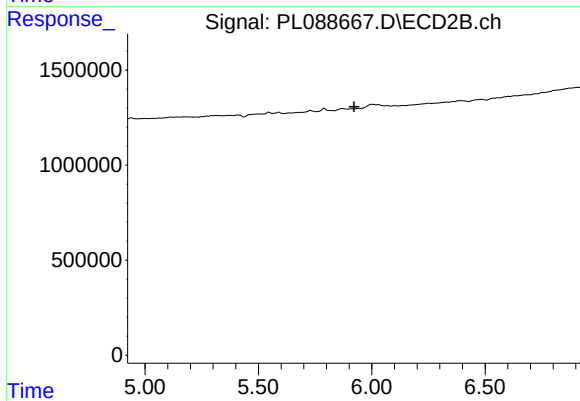
#15 Endosulfan II

R.T.: 6.068 min  
Delta R.T.: -0.002 min  
Response: 86849  
Conc: 0.06 ng/ml



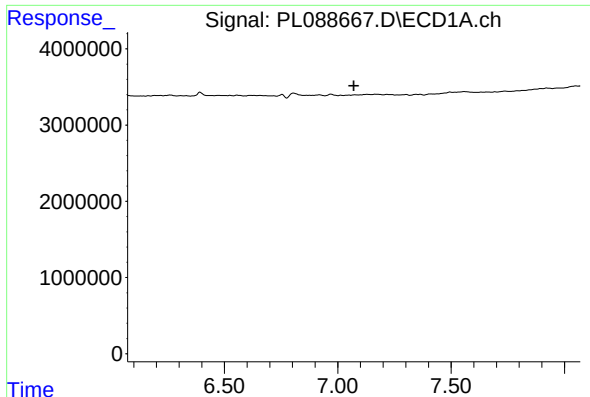
#16 4,4'-DDD

R.T.: 6.877 min  
Delta R.T.: 0.023 min  
Response: 420327  
Conc: 0.17 ng/ml



#16 4,4'-DDD

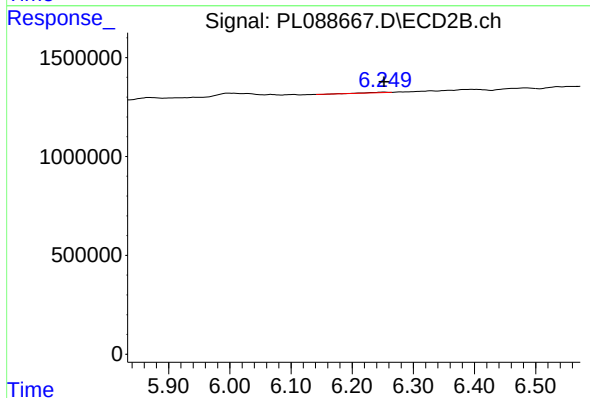
R.T.: 0.000 min  
Exp R.T.: 5.923 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

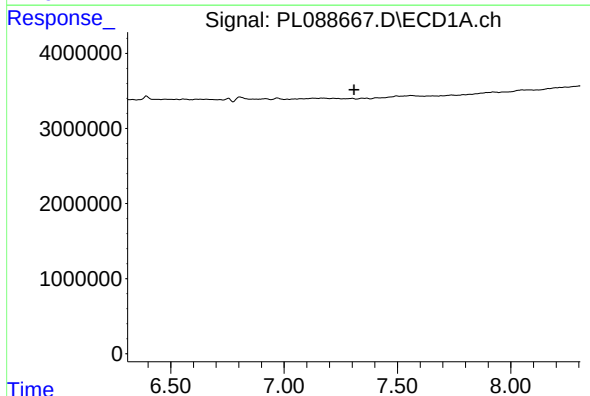
R.T.: 0.000 min  
Exp R.T.: 7.071 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



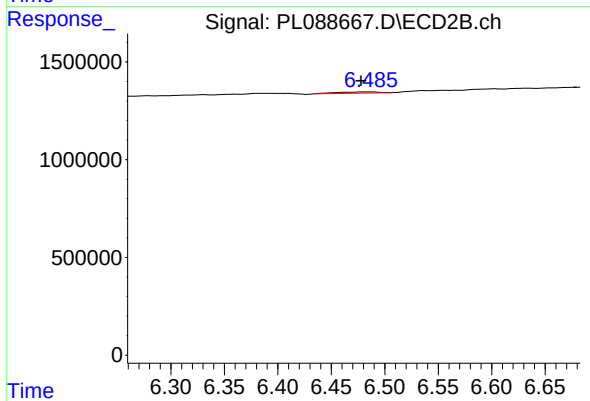
#18 Endrin aldehyde

R.T.: 6.252 min  
Delta R.T.: 0.000 min  
Response: 45277  
Conc: 0.04 ng/ml



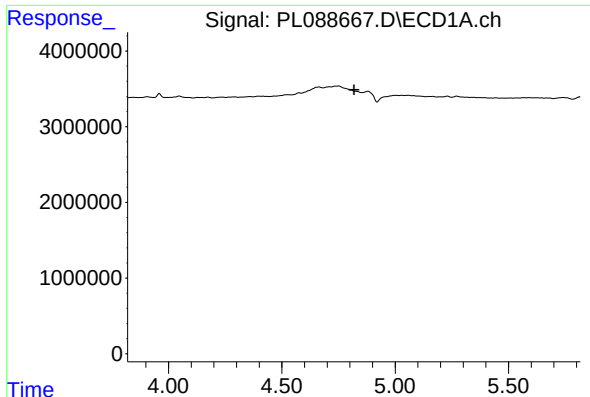
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 7.309 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

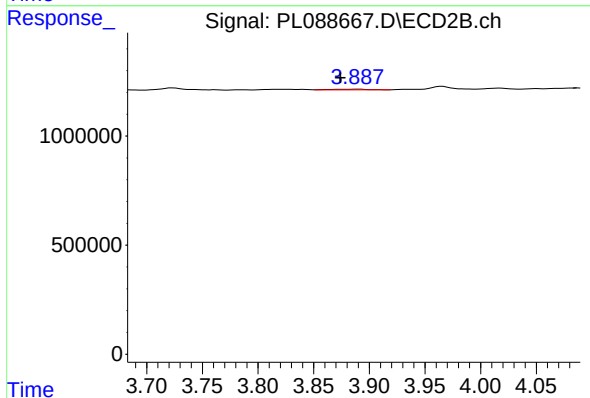
R.T.: 6.485 min  
Delta R.T.: 0.008 min  
Response: 172547  
Conc: 0.12 ng/ml



#23 Chlordane-1

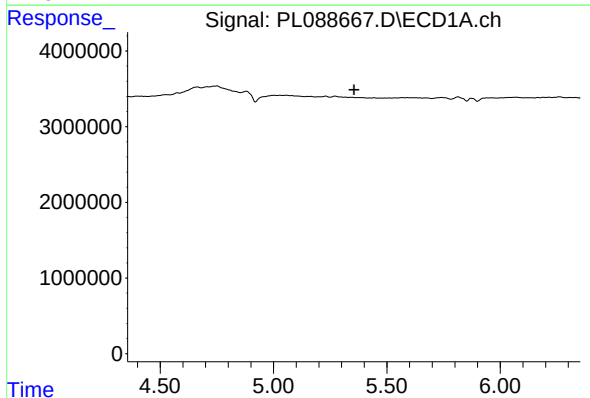
R.T.: 0.000 min  
Exp R.T.: 4.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



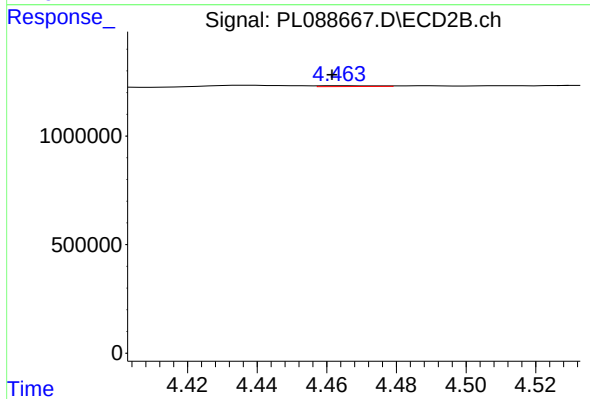
#23 Chlordane-1

R.T.: 3.888 min  
Delta R.T.: 0.014 min  
Response: 71098  
Conc: 1.46 ng/ml



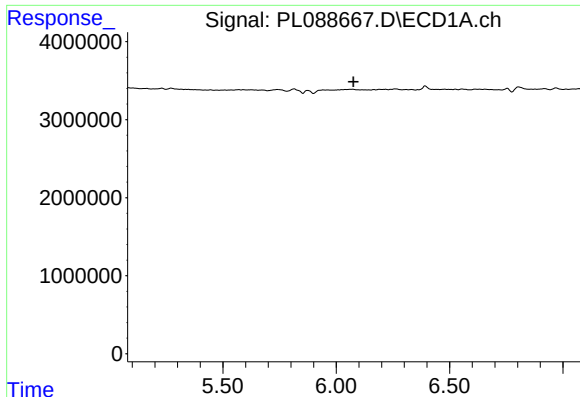
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.355 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

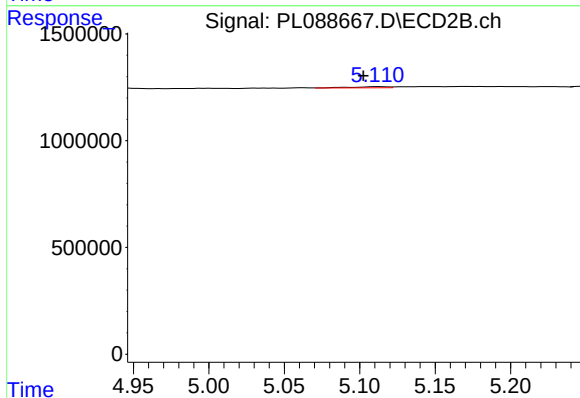
R.T.: 4.464 min  
Delta R.T.: 0.003 min  
Response: 38986  
Conc: 0.64 ng/ml



#25 Chlordane-3

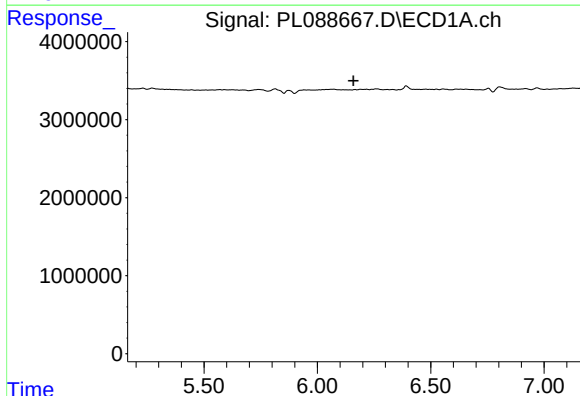
R.T.: 0.000 min  
Exp R.T.: 6.076 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



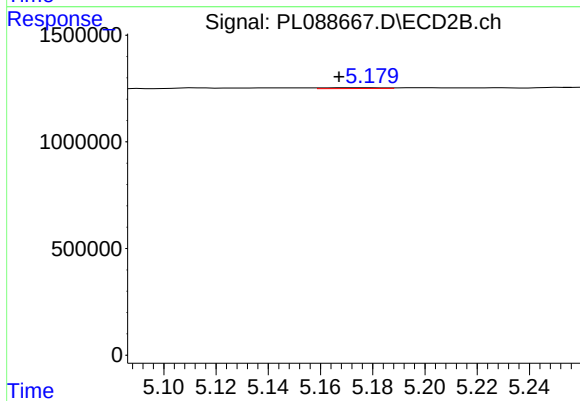
#25 Chlordane-3

R.T.: 5.112 min  
Delta R.T.: 0.009 min  
Response: 93274  
Conc: 0.55 ng/ml



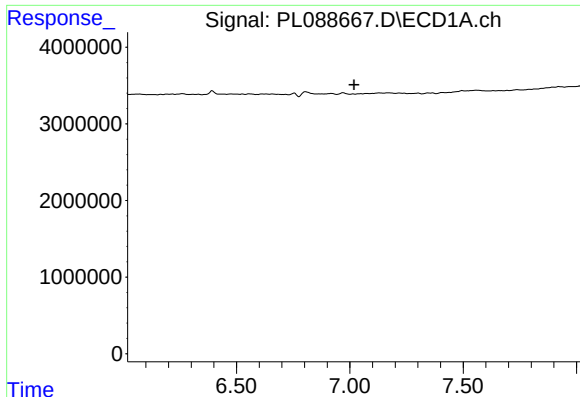
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 6.160 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

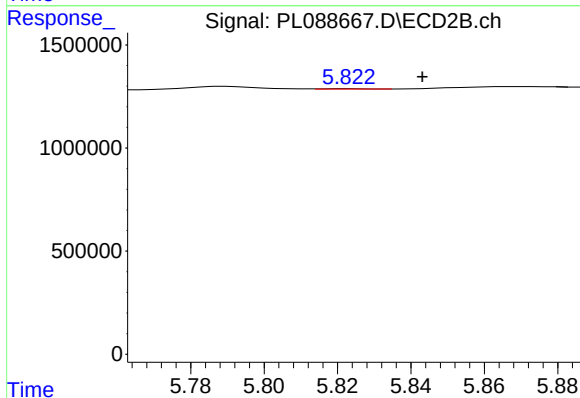
R.T.: 5.172 min  
Delta R.T.: 0.005 min  
Response: 63901  
Conc: 0.40 ng/ml



#27 Chlordane-5

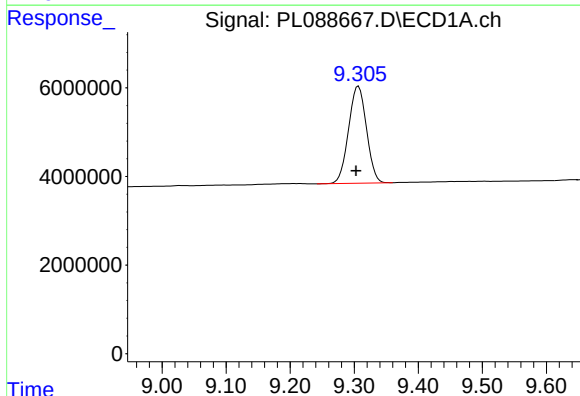
R.T.: 0.000 min  
Exp R.T.: 7.019 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
I.BLK



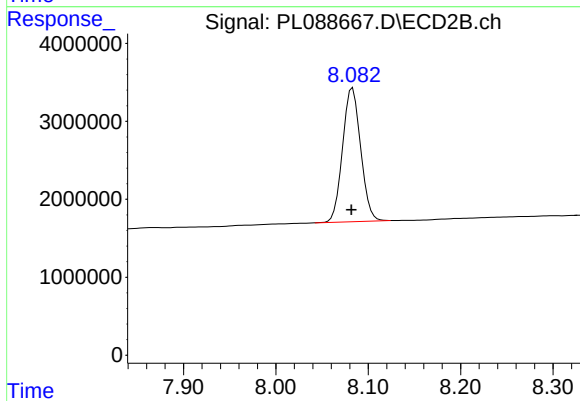
#27 Chlordane-5

R.T.: 5.823 min  
Delta R.T.: -0.020 min  
Response: 16047  
Conc: 0.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.307 min  
Delta R.T.: 0.004 min  
Response: 42644180  
Conc: 17.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.083 min  
Delta R.T.: 0.001 min  
Response: 23418884  
Conc: 17.27 ng/ml