

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040824\  
 Data File : PL088961.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Apr 2024 16:09  
 Operator : AR\AJ  
 Sample : I,BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 08 21:31:30 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... | 3.639  | 2.851  | 46658561 | 25187935 | 17.607 | 18.899  |
| 28)                         | SA Decachlor... | 9.305  | 8.079  | 44913474 | 29071633 | 18.170 | 21.441  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.352  | 0        | 359214   | N.D.   | 0.179 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.722f | 0        | 201264   | N.D.   | 0.105 # |
| 5)                          | MB Aldrin       | 0.000  | 4.330  | 0        | 31584    | N.D.   | 0.017 # |
| 6)                          | B beta-BHC      | 0.000  | 4.014  | 0        | 84920    | N.D.   | 0.099 # |
| 7)                          | B delta-BHC     | 0.000  | 4.241  | 0        | 34883    | N.D.   | 0.018 # |
| 8)                          | B Heptachlo...  | 5.815  | 4.877f | 916424   | 70510    | 0.267  | 0.043 # |
| 10)                         | B gamma-Chl...  | 6.050f | 5.106  | 130833   | 99753    | 0.039  | 0.060 # |
| 11)                         | B alpha-Chl...  | 0.000  | 5.166  | 0        | 210604   | N.D.   | 0.127 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.368  | 0        | 29721    | N.D.   | 0.020 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.501  | 0        | 42147    | N.D.   | 0.026 # |
| 14)                         | MA Endrin       | 0.000  | 5.789f | 0        | 307502   | N.D.   | 0.213 # |
| 15)                         | B Endosulfa...  | 6.917f | 6.081  | 855285   | 18012    | 0.299  | 0.013 # |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.905f | 0        | 74192    | N.D.   | 0.060 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.176  | 0        | 7839     | N.D.   | 0.006 # |
| 18)                         | B Endrin al...  | 0.000  | 6.246  | 0        | 39790    | N.D.   | 0.038 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.484  | 0        | 182091   | N.D.   | 0.131 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.759  | 0        | 12106    | N.D.   | 0.015 # |
| 21)                         | B Endrin ke...  | 0.000  | 7.019f | 0        | 14610    | N.D.   | 0.009 # |
| 22)                         | Mirex           | 0.000  | 7.175  | 0        | 225085   | N.D.   | 0.167 # |
| 23)                         | Chlordane-1     | 0.000  | 3.886  | 0        | 29022    | N.D.   | 0.598 # |
| 24)                         | Chlordane-2     | 0.000  | 4.458  | 0        | 71070    | N.D.   | 1.171 # |
| 25)                         | Chlordane-3     | 6.050f | 5.106  | 130833   | 99753    | 0.263  | 0.584 # |
| 26)                         | Chlordane-4     | 0.000  | 5.166  | 0        | 210604   | N.D.   | 1.320 # |
| 27)                         | Chlordane-5     | 0.000  | 5.864f | 0        | 231117   | N.D.   | 4.557 # |
| -----                       |                 |        |        |          |          |        |         |

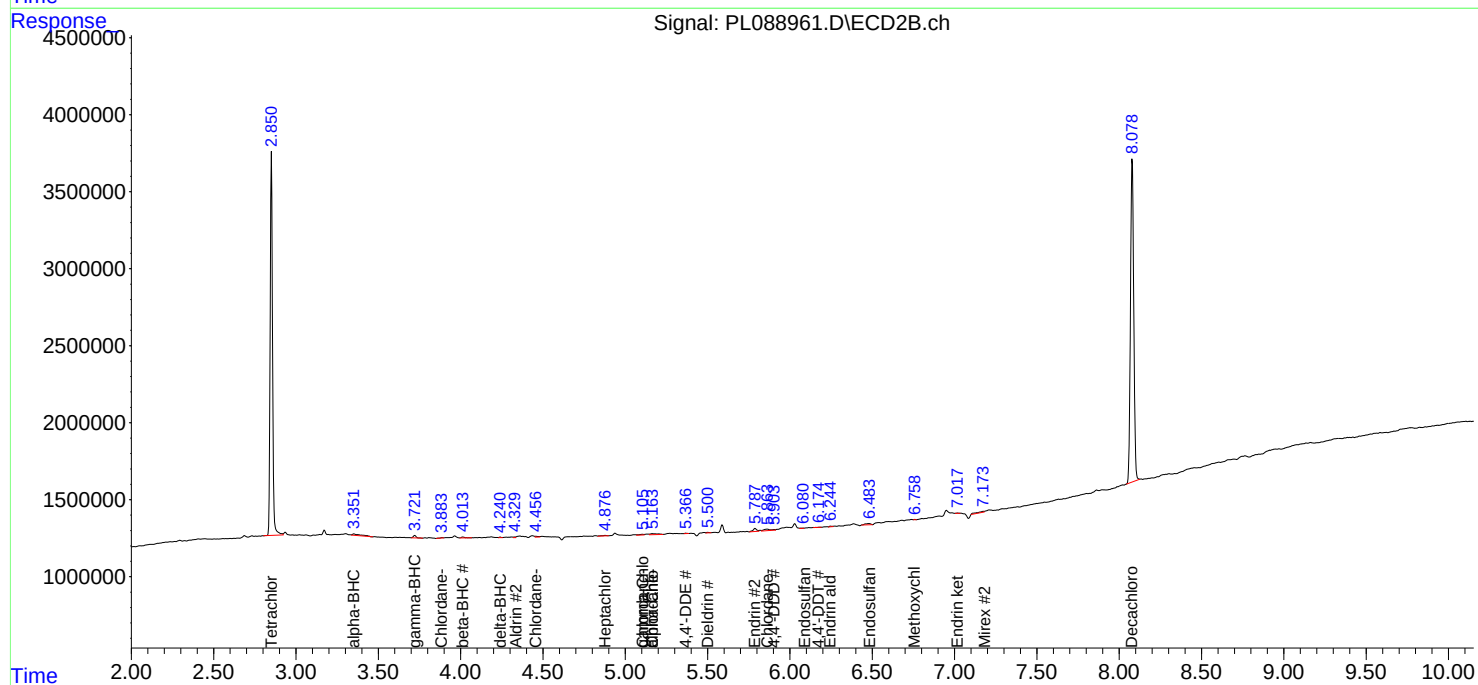
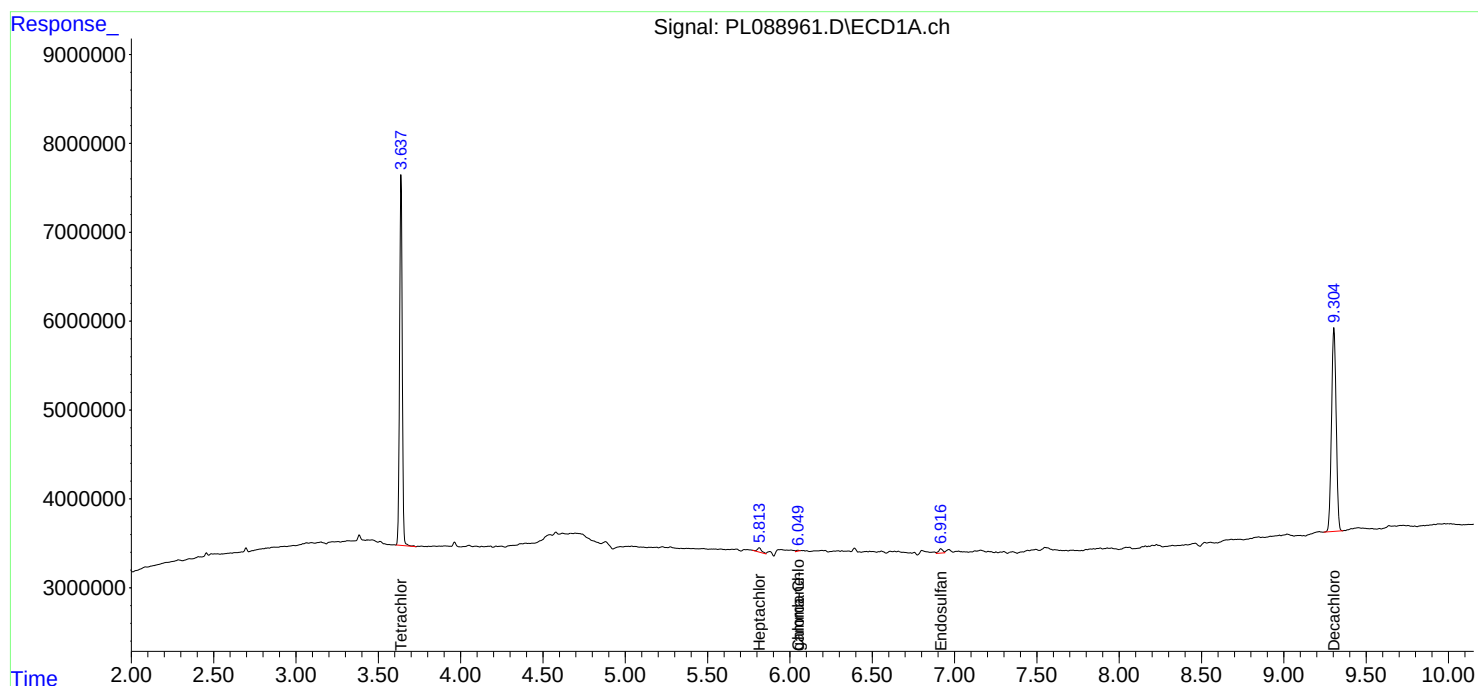
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

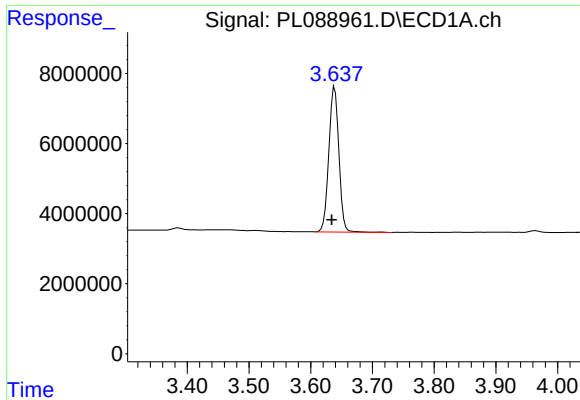
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040824\  
Data File : PL088961.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Apr 2024 16:09  
Operator : AR\AJ  
Sample : I,BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 08 21:31:30 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

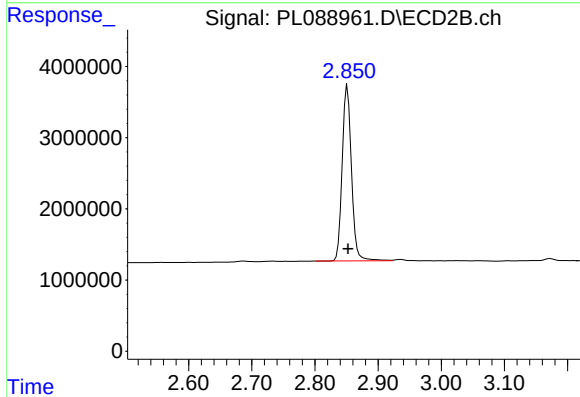




#1 Tetrachloro-m-xylene

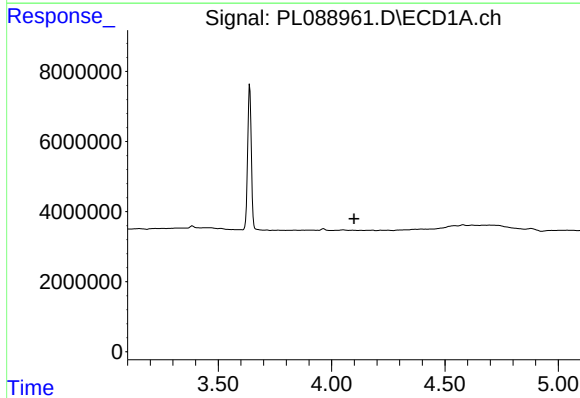
R.T.: 3.639 min  
Delta R.T.: 0.005 min  
Response: 46658561  
Conc: 17.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



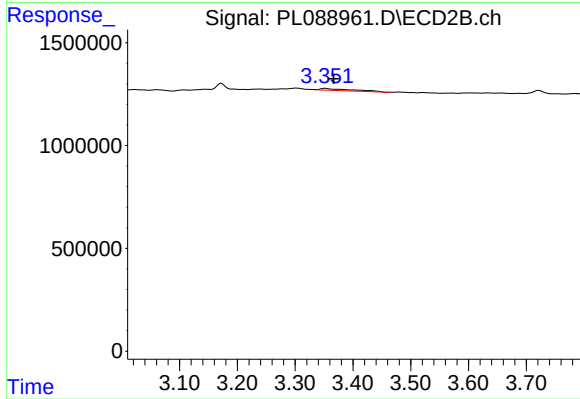
#1 Tetrachloro-m-xylene

R.T.: 2.851 min  
Delta R.T.: 0.000 min  
Response: 25187935  
Conc: 18.90 ng/ml



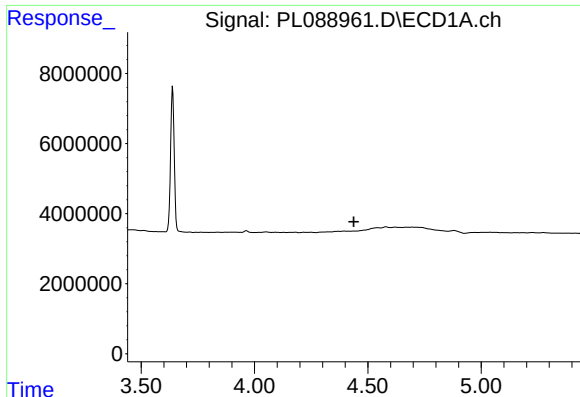
#2 alpha-BHC

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



#2 alpha-BHC

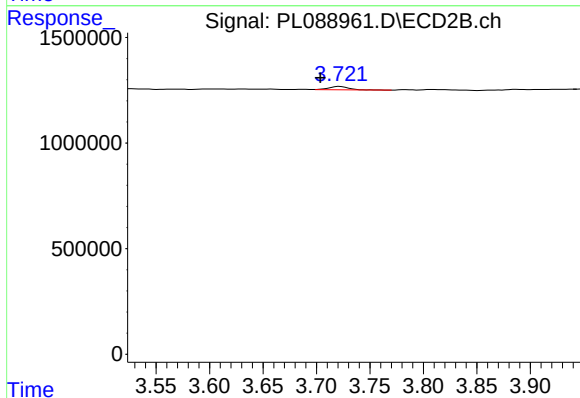
R.T.: 3.352 min  
Delta R.T.: -0.015 min  
Response: 359214  
Conc: 0.18 ng/ml



#3 gamma-BHC (Lindane)

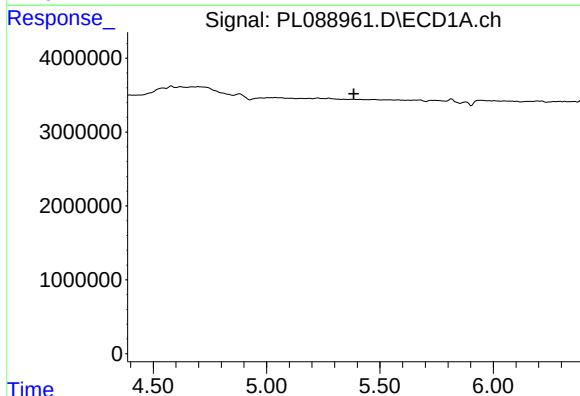
R.T.: 0.000 min  
Exp R.T.: 4.438 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



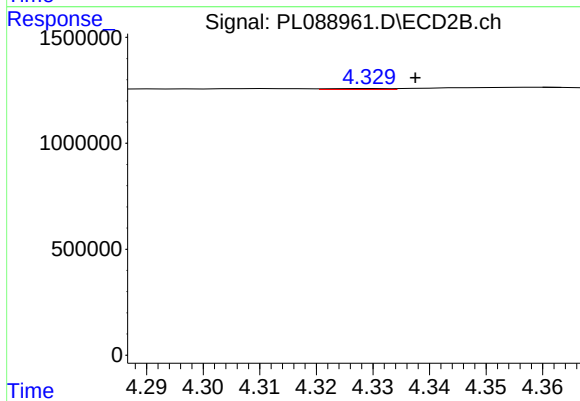
#3 gamma-BHC (Lindane)

R.T.: 3.722 min  
Delta R.T.: 0.018 min  
Response: 201264  
Conc: 0.10 ng/ml



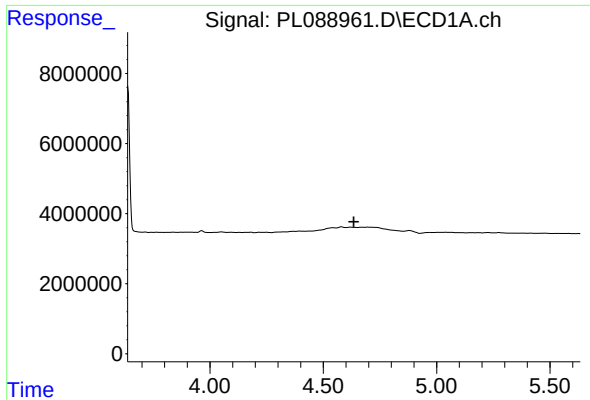
#5 Aldrin

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



#5 Aldrin

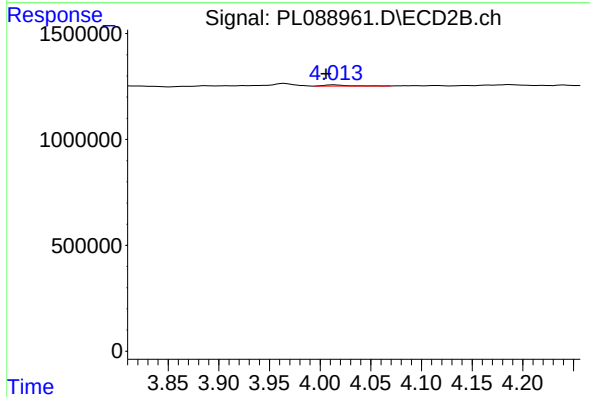
R.T.: 4.330 min  
Delta R.T.: -0.008 min  
Response: 31584  
Conc: 0.02 ng/ml



#6 beta-BHC

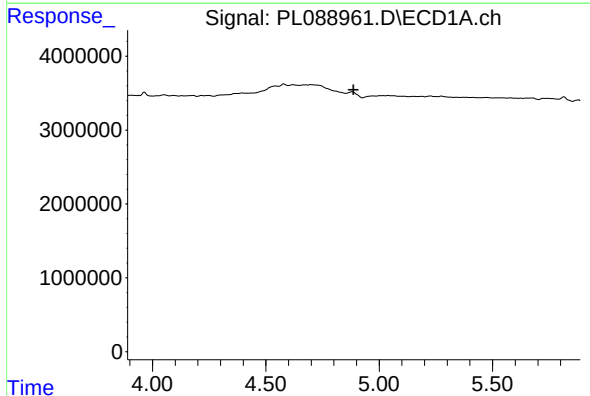
R.T.: 0.000 min  
Exp R.T.: 4.635 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



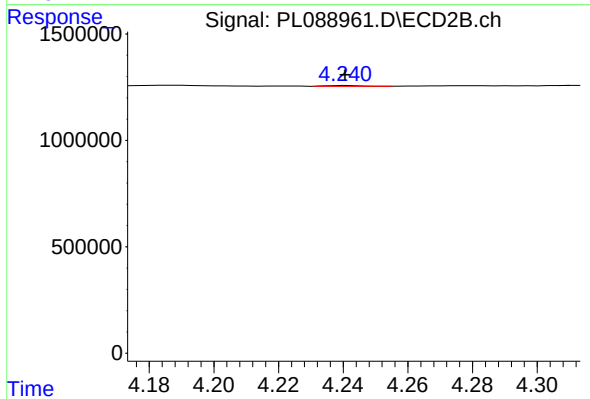
#6 beta-BHC

R.T.: 4.014 min  
Delta R.T.: 0.009 min  
Response: 84920  
Conc: 0.10 ng/ml



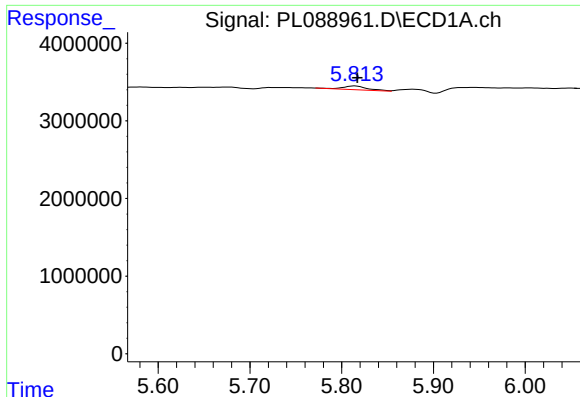
#7 delta-BHC

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



#7 delta-BHC

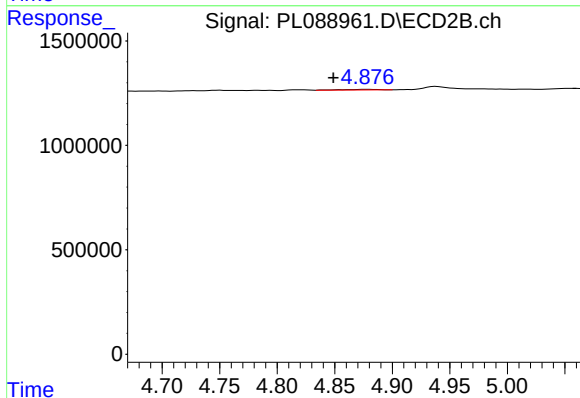
R.T.: 4.241 min  
Delta R.T.: 0.000 min  
Response: 34883  
Conc: 0.02 ng/ml



#8 Heptachlor epoxide

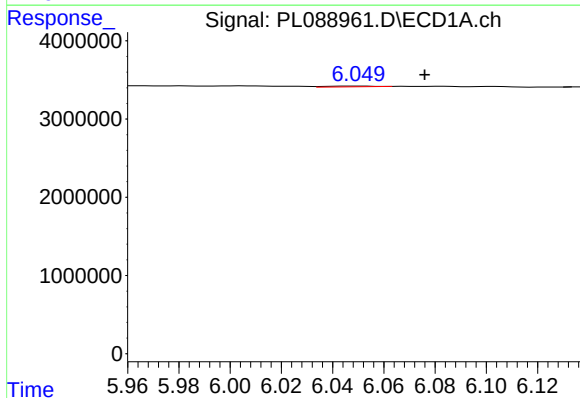
R.T.: 5.815 min  
Delta R.T.: -0.002 min  
Response: 916424  
Conc: 0.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



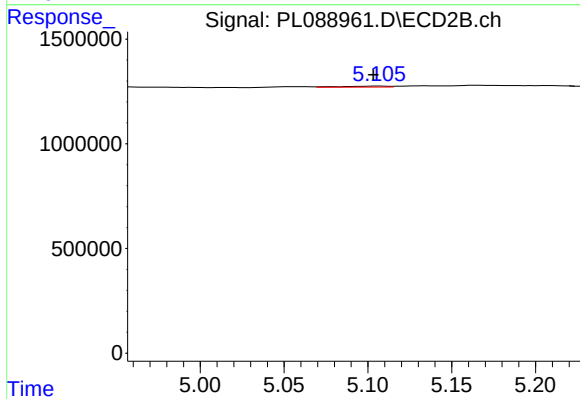
#8 Heptachlor epoxide

R.T.: 4.877 min  
Delta R.T.: 0.029 min  
Response: 70510  
Conc: 0.04 ng/ml



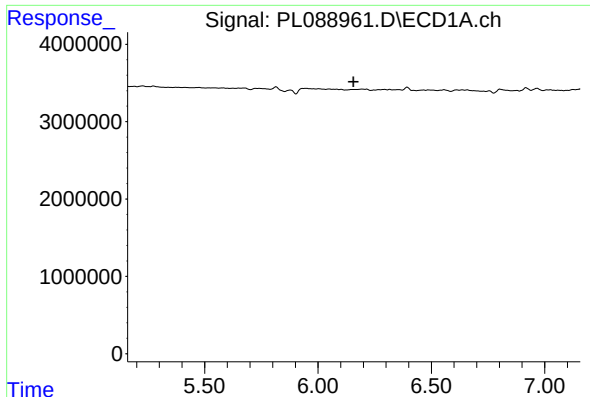
#10 gamma-Chlordane

R.T.: 6.050 min  
Delta R.T.: -0.026 min  
Response: 130833  
Conc: 0.04 ng/ml



#10 gamma-Chlordane

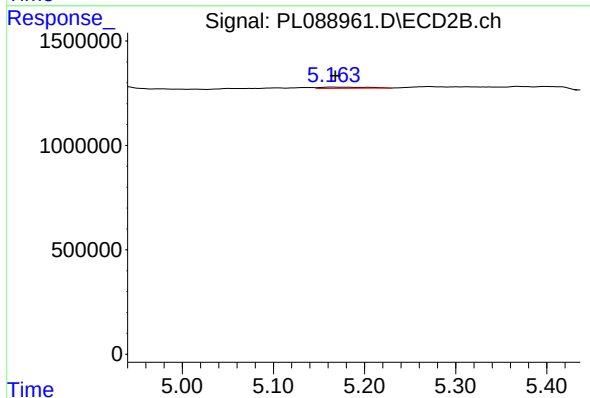
R.T.: 5.106 min  
Delta R.T.: 0.003 min  
Response: 99753  
Conc: 0.06 ng/ml



#11 alpha-Chlordane

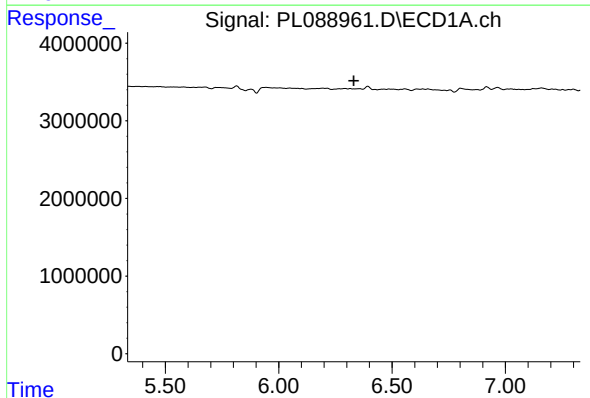
R.T.: 0.000 min  
Exp R.T.: 6.157 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



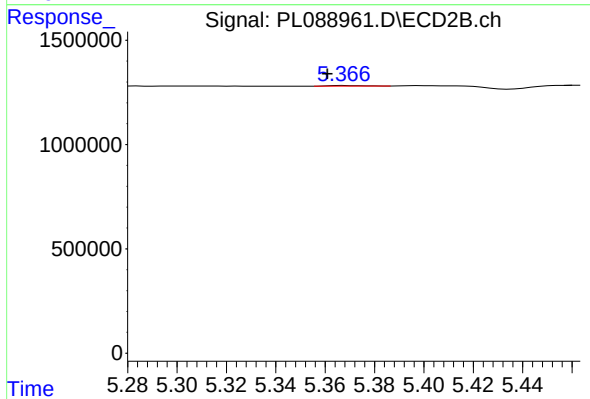
#11 alpha-Chlordane

R.T.: 5.166 min  
Delta R.T.: -0.002 min  
Response: 210604  
Conc: 0.13 ng/ml



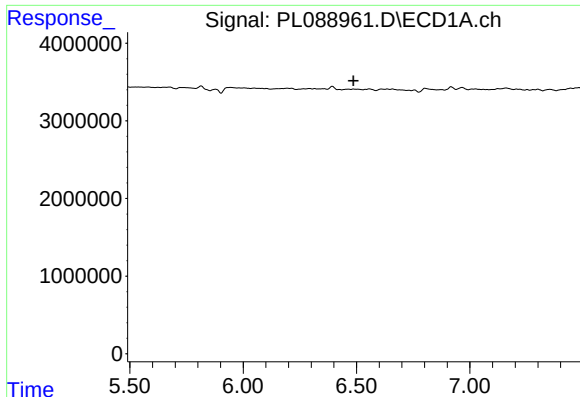
#12 4,4'-DDE

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



#12 4,4'-DDE

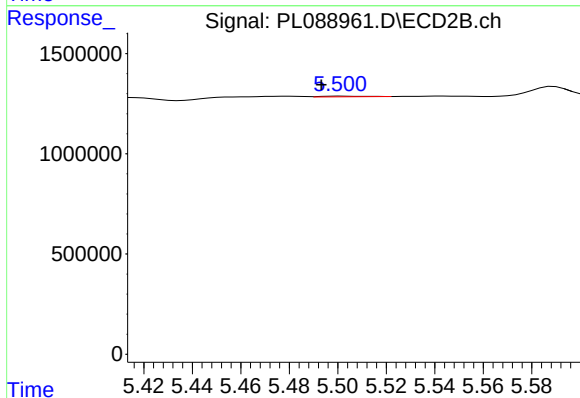
R.T.: 5.368 min  
Delta R.T.: 0.007 min  
Response: 29721  
Conc: 0.02 ng/ml



#13 Dieldrin

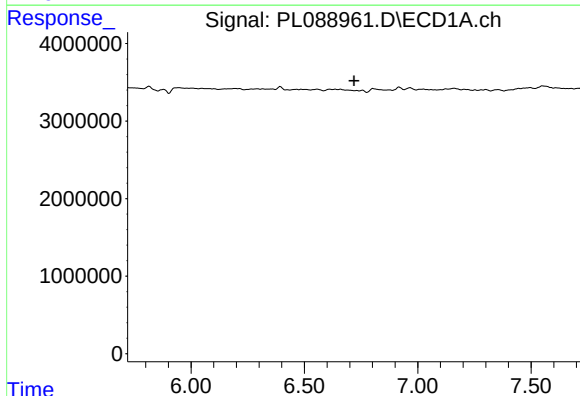
R.T.: 0.000 min  
Exp R.T.: 6.487 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



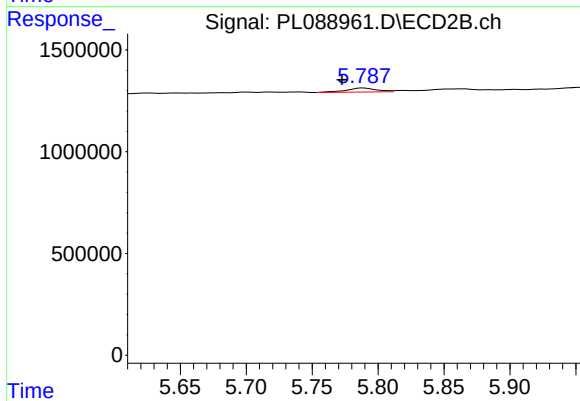
#13 Dieldrin

R.T.: 5.501 min  
Delta R.T.: 0.008 min  
Response: 42147  
Conc: 0.03 ng/ml



#14 Endrin

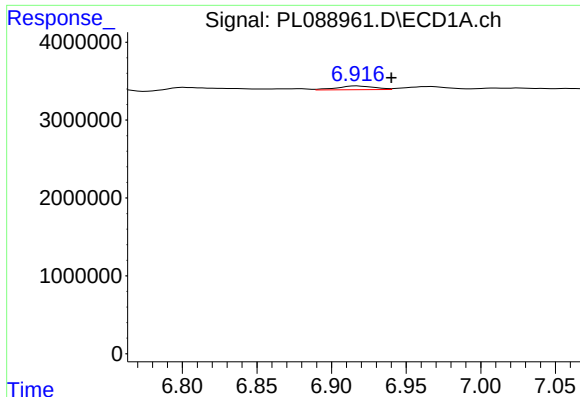
R.T.: 0.000 min  
Exp R.T.: 6.719 min  
Response: 0  
Conc: N.D.



#14 Endrin

R.T.: 5.789 min  
Delta R.T.: 0.016 min  
Response: 307502  
Conc: 0.21 ng/ml

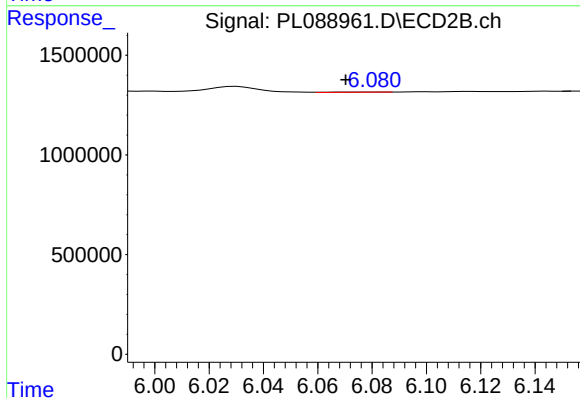




#15 Endosulfan II

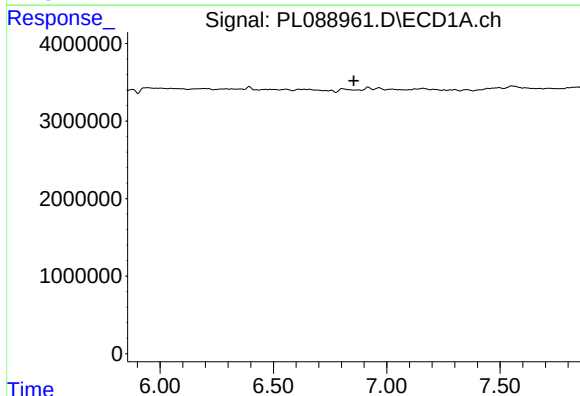
R.T.: 6.917 min  
Delta R.T.: -0.023 min  
Response: 855285  
Conc: 0.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



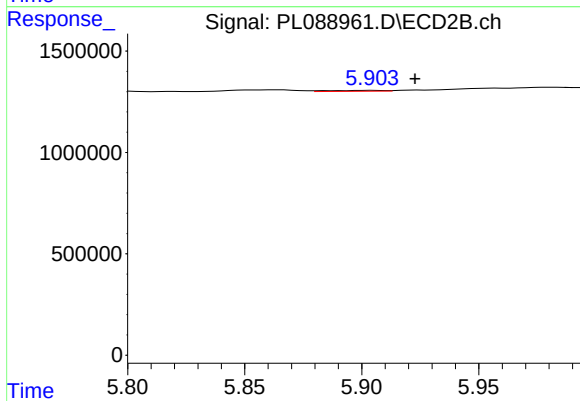
#15 Endosulfan II

R.T.: 6.081 min  
Delta R.T.: 0.011 min  
Response: 18012  
Conc: 0.01 ng/ml



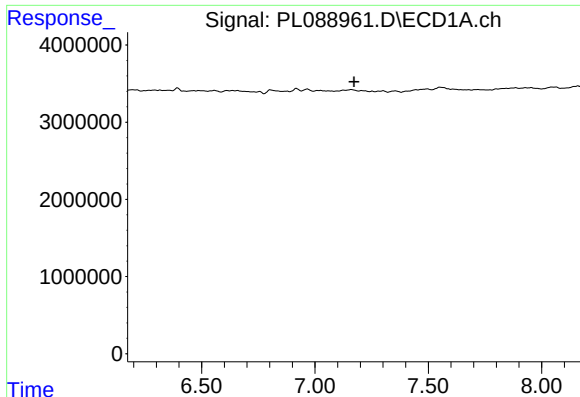
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.854 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

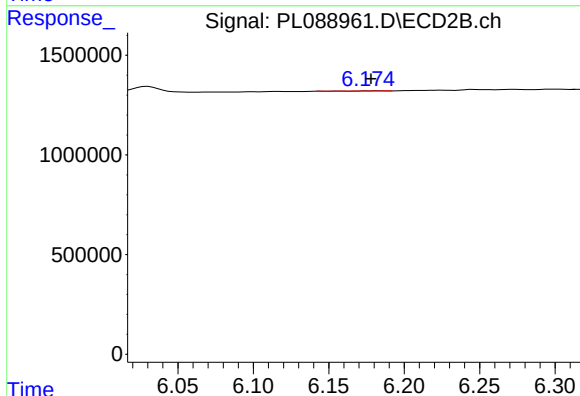
R.T.: 5.905 min  
Delta R.T.: -0.018 min  
Response: 74192  
Conc: 0.06 ng/ml



#17 4,4'-DDT

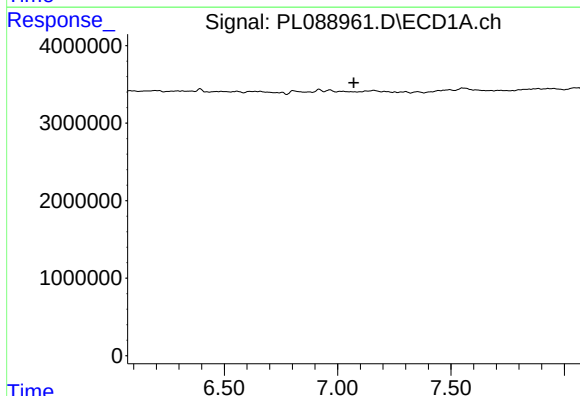
R.T.: 0.000 min  
Exp R.T.: 7.173 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



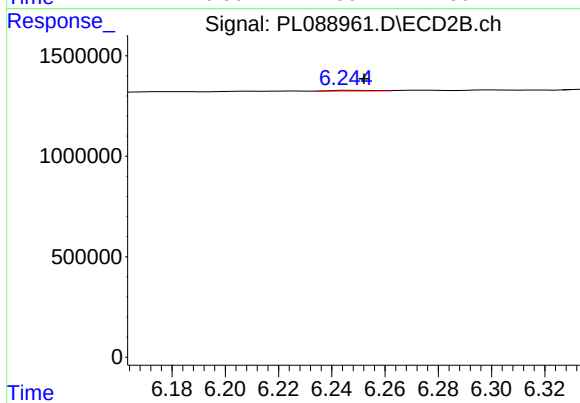
#17 4,4'-DDT

R.T.: 6.176 min  
Delta R.T.: -0.002 min  
Response: 7839  
Conc: 0.01 ng/ml



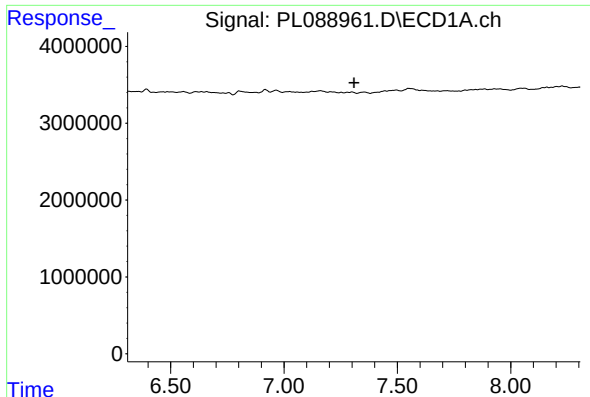
#18 Endrin aldehyde

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



#18 Endrin aldehyde

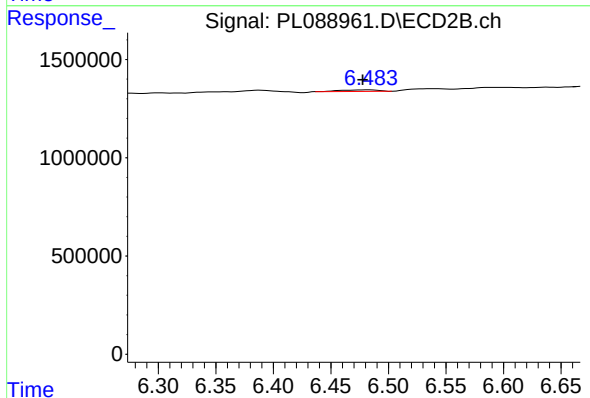
R.T.: 6.246 min  
Delta R.T.: -0.006 min  
Response: 39790  
Conc: 0.04 ng/ml



#19 Endosulfan Sulfate

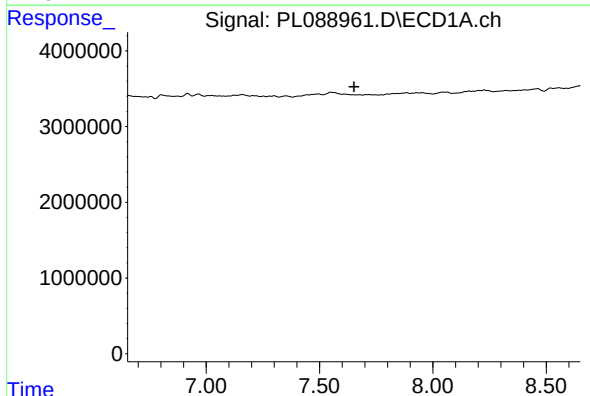
R.T.: 0.000 min  
Exp R.T. : 7.309 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



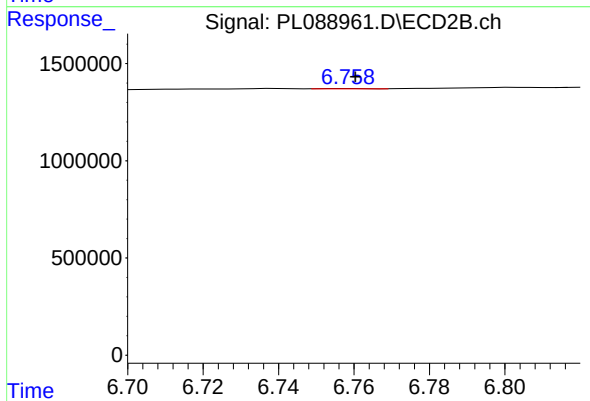
#19 Endosulfan Sulfate

R.T.: 6.484 min  
Delta R.T.: 0.006 min  
Response: 182091  
Conc: 0.13 ng/ml



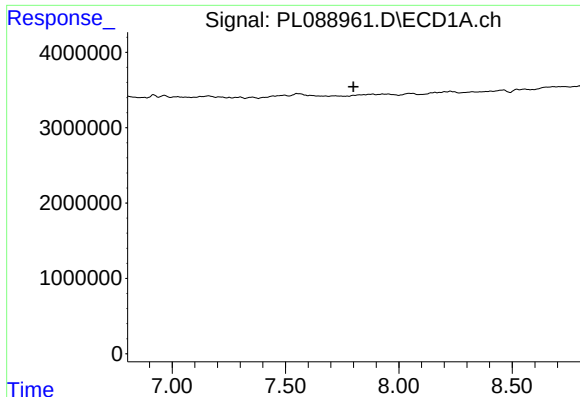
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.653 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

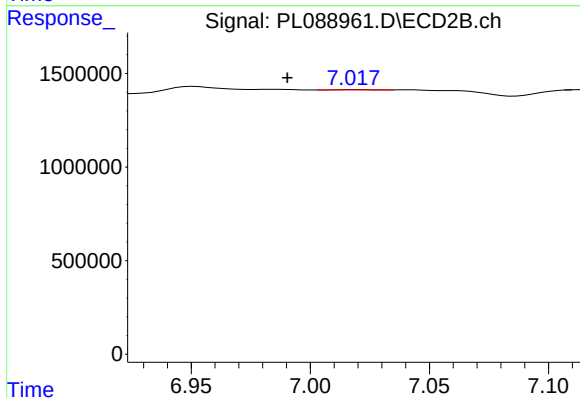
R.T.: 6.759 min  
Delta R.T.: -0.001 min  
Response: 12106  
Conc: 0.02 ng/ml



#21 Endrin ketone

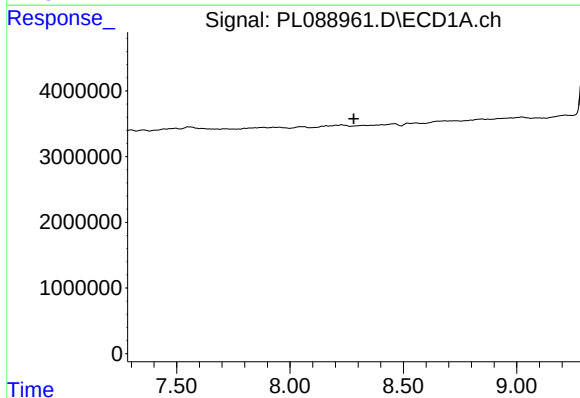
R.T.: 0.000 min  
Exp R.T.: 7.800 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



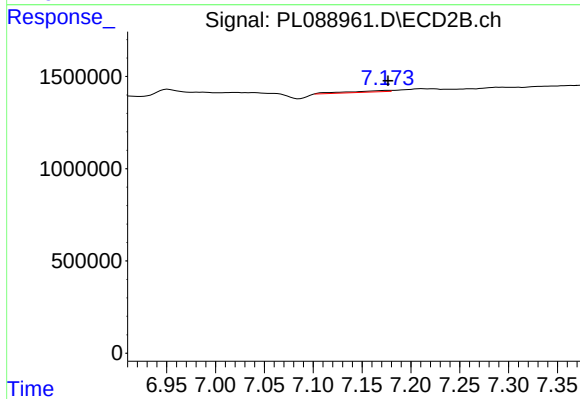
#21 Endrin ketone

R.T.: 7.019 min  
Delta R.T.: 0.028 min  
Response: 14610  
Conc: 0.01 ng/ml



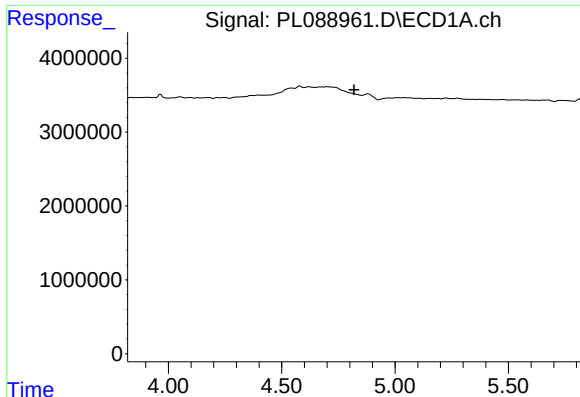
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 8.282 min  
Response: 0  
Conc: N.D.



#22 Mirex

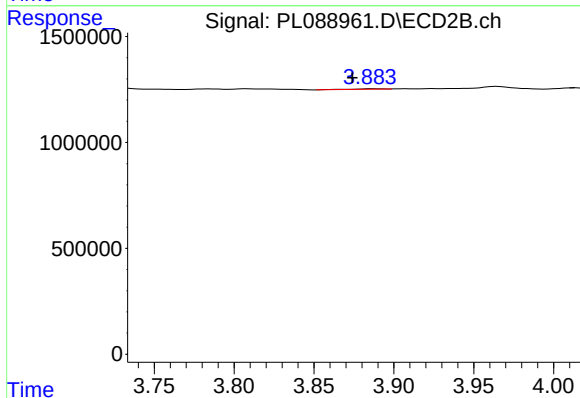
R.T.: 7.175 min  
Delta R.T.: -0.001 min  
Response: 225085  
Conc: 0.17 ng/ml



#23 Chlordane-1

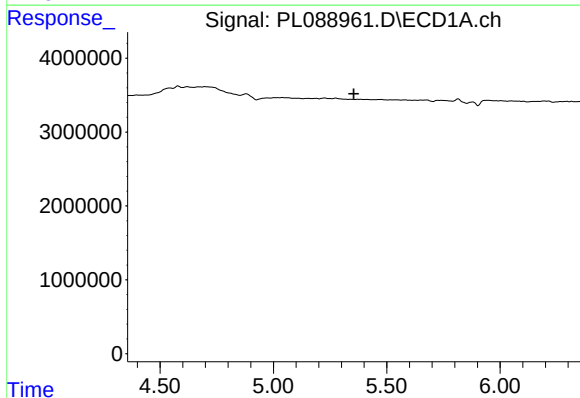
R.T.: 0.000 min  
Exp R.T.: 4.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



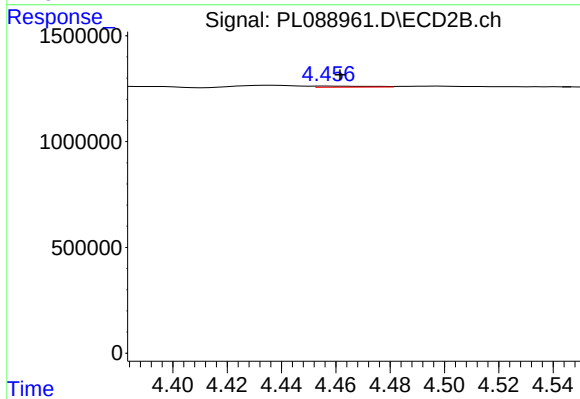
#23 Chlordane-1

R.T.: 3.886 min  
Delta R.T.: 0.012 min  
Response: 29022  
Conc: 0.60 ng/ml



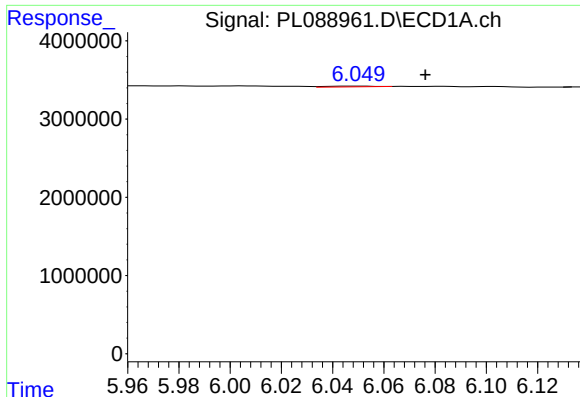
#24 Chlordane-2

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



#24 Chlordane-2

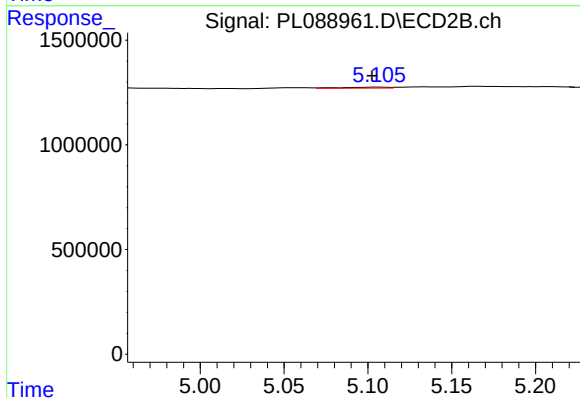
R.T.: 4.458 min  
Delta R.T.: -0.004 min  
Response: 71070  
Conc: 1.17 ng/ml



#25 Chlordane-3

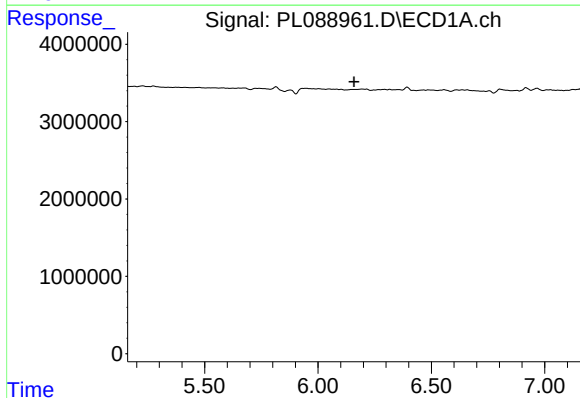
R.T.: 6.050 min  
Delta R.T.: -0.026 min  
Response: 130833  
Conc: 0.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



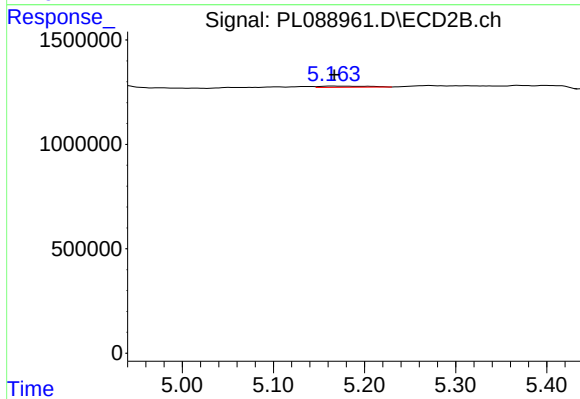
#25 Chlordane-3

R.T.: 5.106 min  
Delta R.T.: 0.004 min  
Response: 99753  
Conc: 0.58 ng/ml



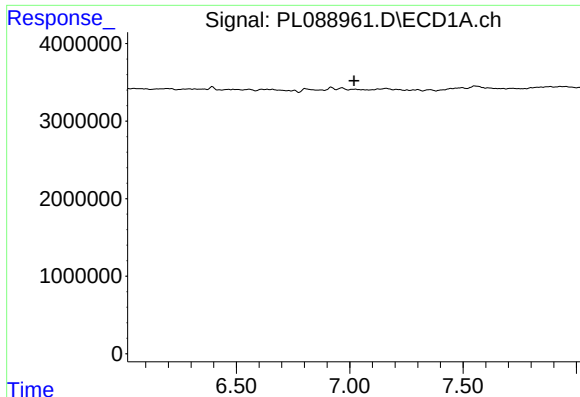
#26 Chlordane-4

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



#26 Chlordane-4

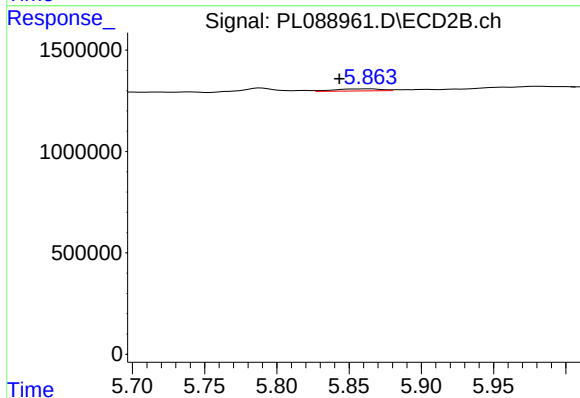
R.T.: 5.166 min  
Delta R.T.: -0.001 min  
Response: 210604  
Conc: 1.32 ng/ml



#27 Chlordane-5

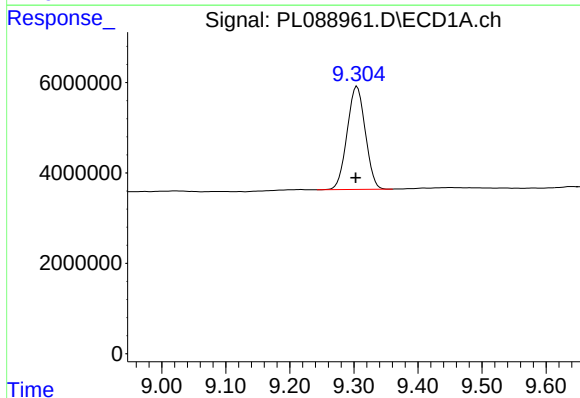
R.T.: 0.000 min  
Exp R.T.: 7.019 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



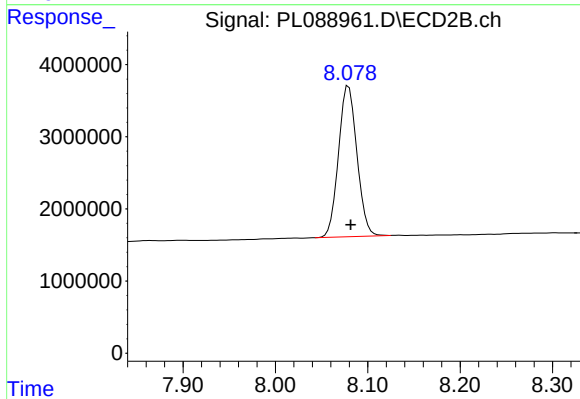
#27 Chlordane-5

R.T.: 5.864 min  
Delta R.T.: 0.021 min  
Response: 231117  
Conc: 4.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.305 min  
Delta R.T.: 0.002 min  
Response: 44913474  
Conc: 18.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.079 min  
Delta R.T.: -0.002 min  
Response: 29071633  
Conc: 21.44 ng/ml