

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032124\  
 Data File : PL088707.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Mar 2024 12:47  
 Operator : AR\AJ  
 Sample : PB159702BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB159702BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 21 23:14:59 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... | 3.644 | 2.853  | 51691446 | 24864797 | 19.506 | 18.657  |
| 28)                         | SA Decachlor... | 9.319 | 8.088  | 42736115 | 24258467 | 17.289 | 17.891  |
| Target Compounds            |                 |       |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000 | 3.357  | 0        | 128446   | N.D.   | 0.064 # |
| 3)                          | MA gamma-BHC... | 0.000 | 3.726f | 0        | 230264   | N.D.   | 0.120 # |
| 4)                          | MA Heptachlor   | 0.000 | 4.056  | 0        | 65570    | N.D.   | 0.036 # |
| 5)                          | MB Aldrin       | 0.000 | 4.338  | 0        | 73190    | N.D.   | 0.041 # |
| 6)                          | B beta-BHC      | 0.000 | 4.006  | 0        | 23017    | N.D.   | 0.027 # |
| 7)                          | B delta-BHC     | 4.894 | 4.239  | 1988025  | 57114    | 0.494  | 0.030 # |
| 8)                          | B Heptachlo...  | 0.000 | 4.858  | 0        | 20319    | N.D.   | 0.012 # |
| 9)                          | A Endosulfan I  | 0.000 | 5.222  | 0        | 27047    | N.D.   | 0.018 # |
| 10)                         | B gamma-Chl...  | 0.000 | 5.085f | 0        | 34355    | N.D.   | 0.021 # |
| 11)                         | B alpha-Chl...  | 0.000 | 5.169  | 0        | 37910    | N.D.   | 0.023 # |
| 13)                         | MA Dieldrin     | 0.000 | 5.493  | 0        | 14959    | N.D.   | 0.009 # |
| 14)                         | MA Endrin       | 0.000 | 5.753f | 0        | 49127    | N.D.   | 0.034 # |
| 15)                         | B Endosulfa...  | 0.000 | 6.071  | 0        | 7622     | N.D.   | 0.005 # |
| 16)                         | A 4,4'-DDD      | 0.000 | 5.918  | 0        | 75193    | N.D.   | 0.060 # |
| 17)                         | MA 4,4'-DDT     | 0.000 | 6.177  | 0        | 10651    | N.D.   | 0.008 # |
| 18)                         | B Endrin al...  | 0.000 | 6.257  | 0        | 53196    | N.D.   | 0.051 # |
| 19)                         | B Endosulfa...  | 0.000 | 6.487  | 0        | 21006    | N.D.   | 0.015 # |
| 20)                         | A Methoxychlor  | 0.000 | 6.766  | 0        | 13351    | N.D.   | 0.017 # |
| 21)                         | B Endrin ke...  | 0.000 | 6.994  | 0        | 22913    | N.D.   | 0.014 # |
| 22)                         | Mirex           | 0.000 | 7.200f | 0        | 25891    | N.D.   | 0.019 # |
| 23)                         | Chlordane-1     | 0.000 | 3.868  | 0        | 22864    | N.D.   | 0.471 # |
| 24)                         | Chlordane-2     | 0.000 | 4.471  | 0        | 11713    | N.D.   | 0.193 # |
| 25)                         | Chlordane-3     | 0.000 | 5.085  | 0        | 34355    | N.D.   | 0.201 # |
| 26)                         | Chlordane-4     | 0.000 | 5.169  | 0        | 37910    | N.D.   | 0.238 # |
| 27)                         | Chlordane-5     | 0.000 | 5.823f | 0        | 35134    | N.D.   | 0.693 # |
| -----                       |                 |       |        |          |          |        |         |

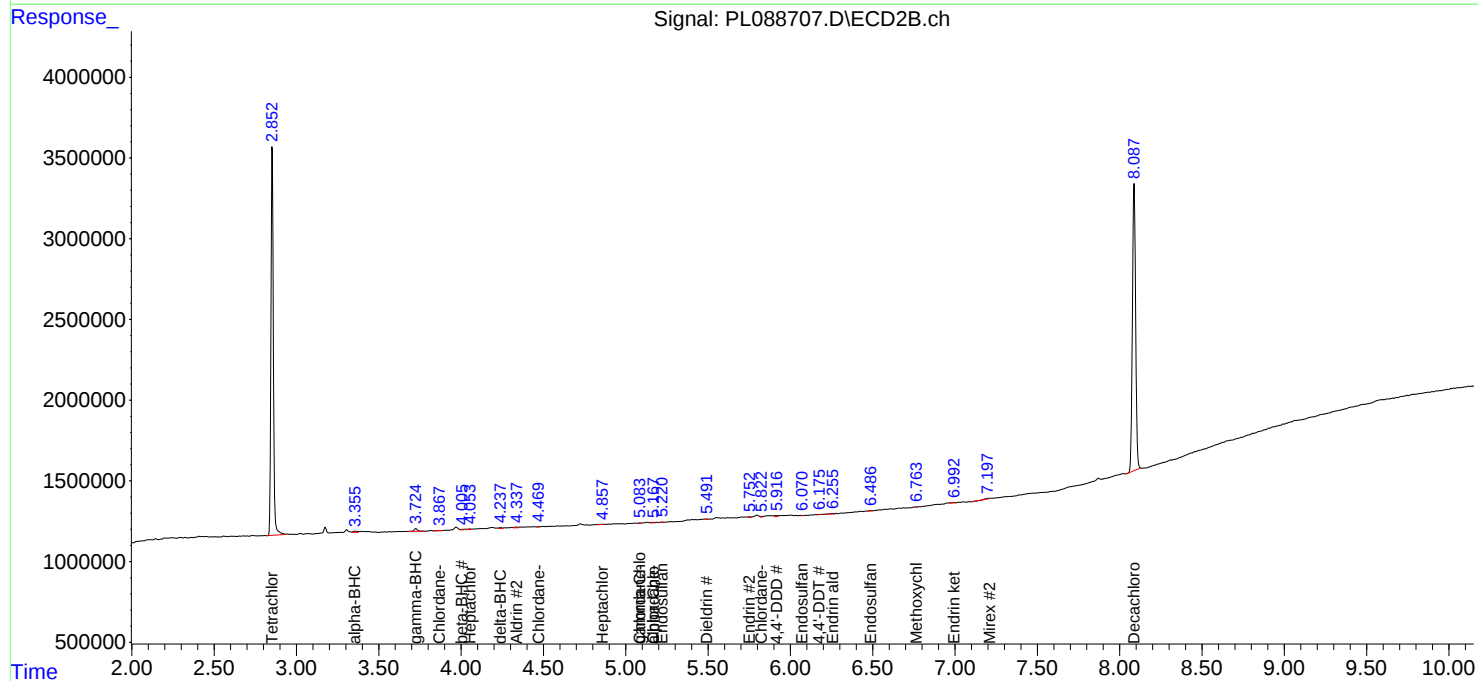
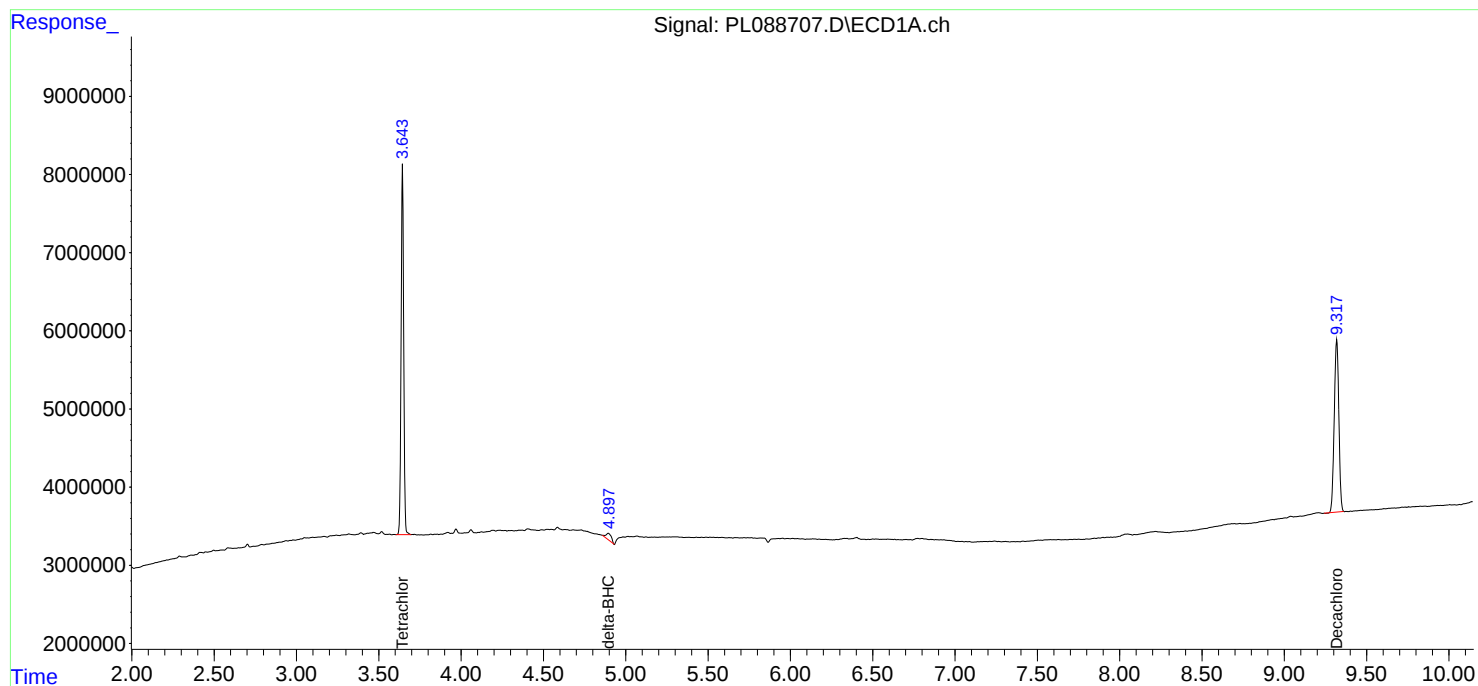
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

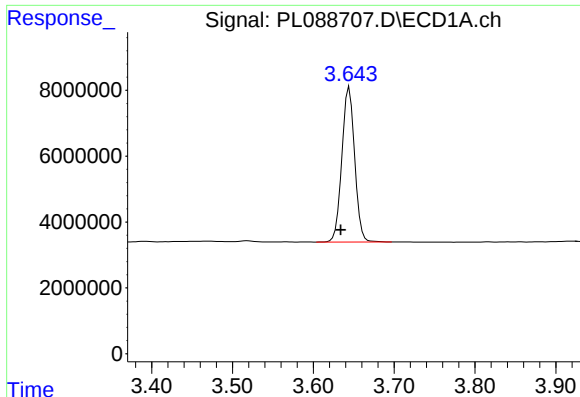
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032124\  
Data File : PL088707.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Mar 2024 12:47  
Operator : AR\AJ  
Sample : PB159702BL  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB159702BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 21 23:14:59 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

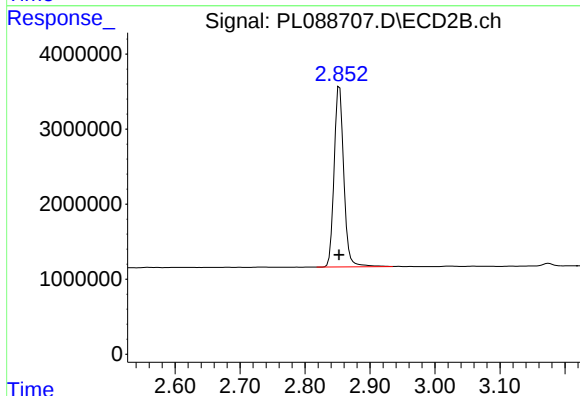




#1 Tetrachloro-m-xylene

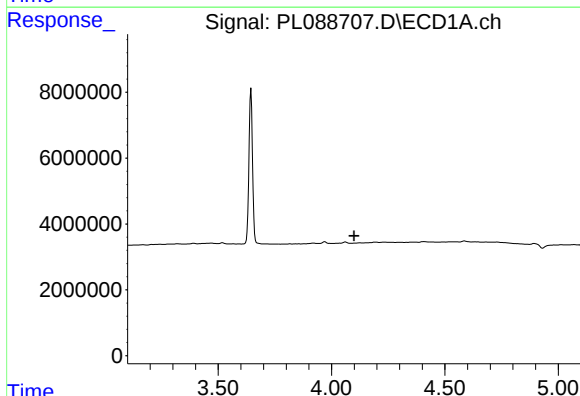
R.T.: 3.644 min  
Delta R.T.: 0.010 min  
Response: 51691446  
Conc: 19.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159702BL



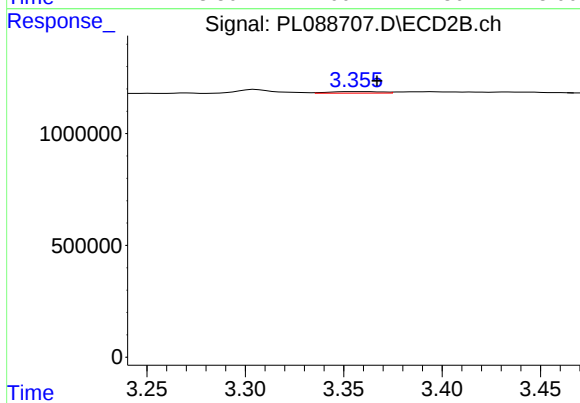
#1 Tetrachloro-m-xylene

R.T.: 2.853 min  
Delta R.T.: 0.000 min  
Response: 24864797  
Conc: 18.66 ng/ml



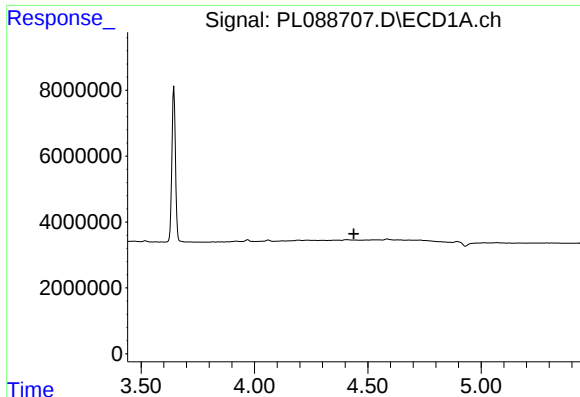
#2 alpha-BHC

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



#2 alpha-BHC

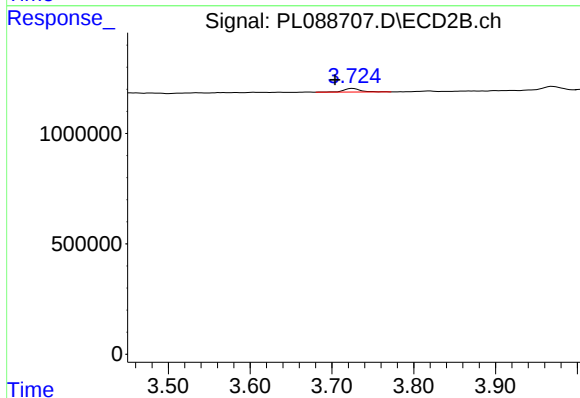
R.T.: 3.357 min  
Delta R.T.: -0.010 min  
Response: 128446  
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

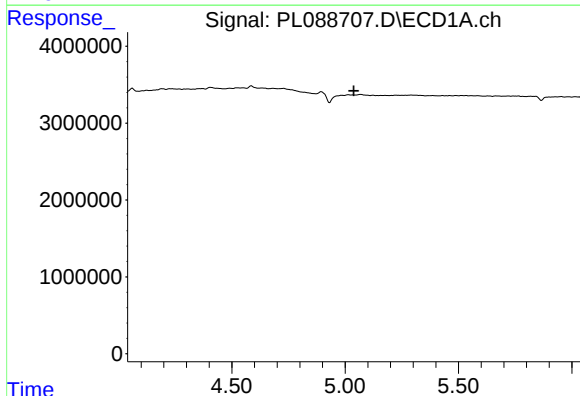
R.T.: 0.000 min  
Exp R.T.: 4.438 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB159702BL



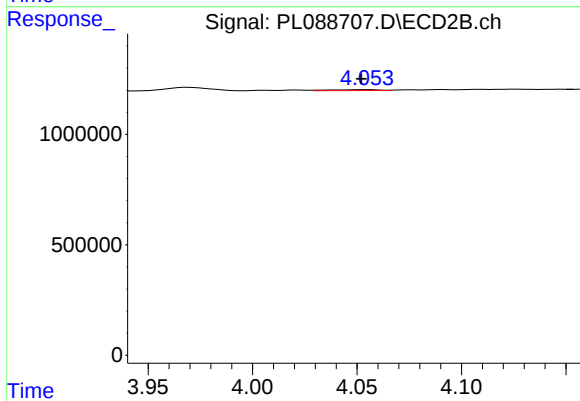
#3 gamma-BHC (Lindane)

R.T.: 3.726 min  
Delta R.T.: 0.022 min  
Response: 230264  
Conc: 0.12 ng/ml



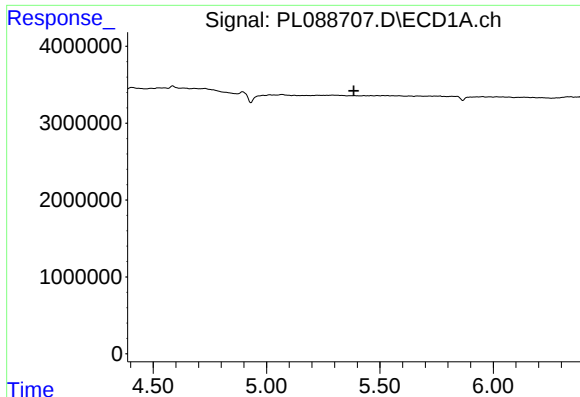
#4 Heptachlor

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



#4 Heptachlor

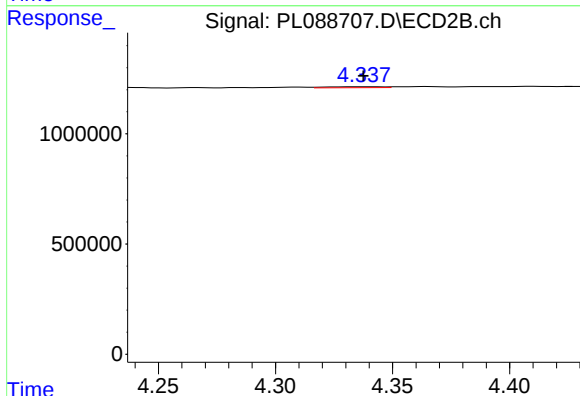
R.T.: 4.056 min  
Delta R.T.: 0.004 min  
Response: 65570  
Conc: 0.04 ng/ml



#5 Aldrin

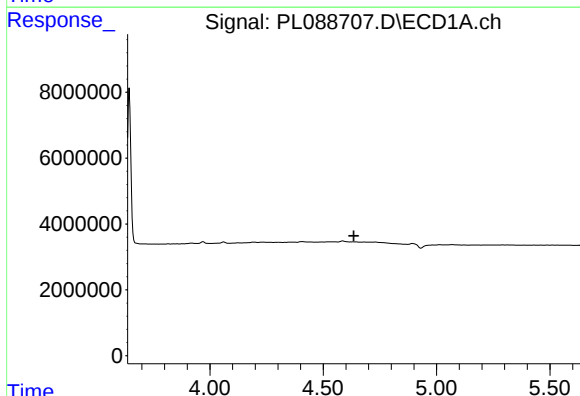
R.T.: 0.000 min  
Exp R.T.: 5.385 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB159702BL



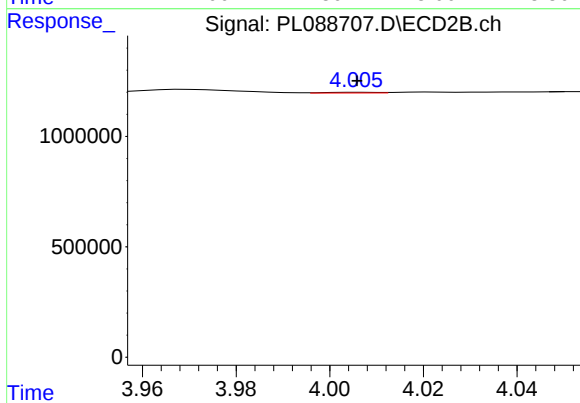
#5 Aldrin

R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 73190  
Conc: 0.04 ng/ml



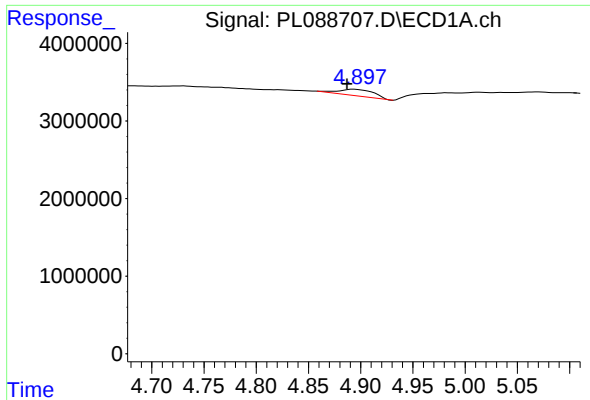
#6 beta-BHC

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



#6 beta-BHC

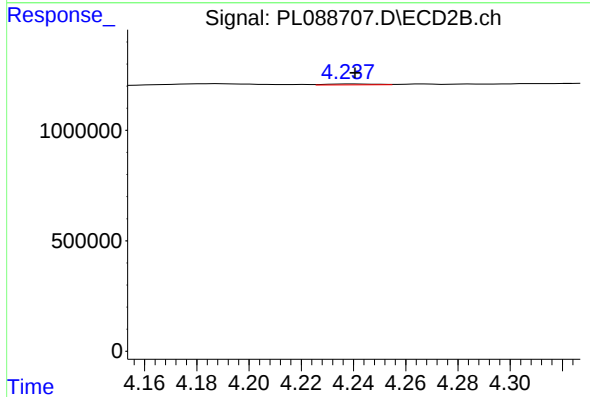
R.T.: 4.006 min  
Delta R.T.: 0.000 min  
Response: 23017  
Conc: 0.03 ng/ml



#7 delta-BHC

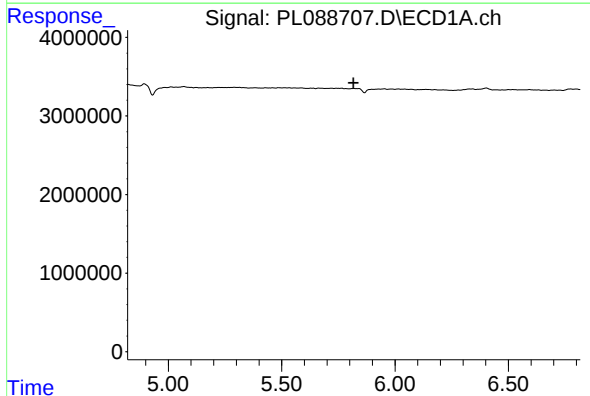
R.T.: 4.894 min  
Delta R.T.: 0.007 min  
Response: 1988025  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159702BL



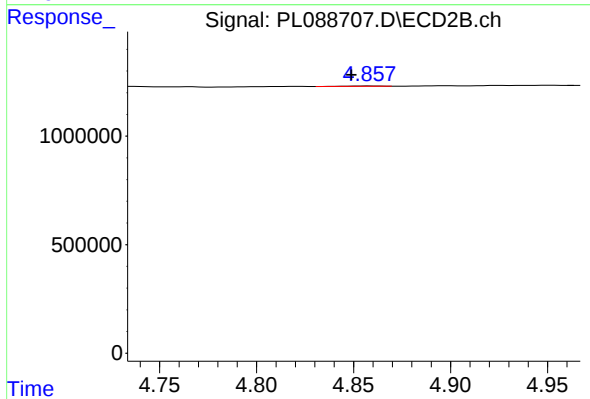
#7 delta-BHC

R.T.: 4.239 min  
Delta R.T.: -0.002 min  
Response: 57114  
Conc: 0.03 ng/ml



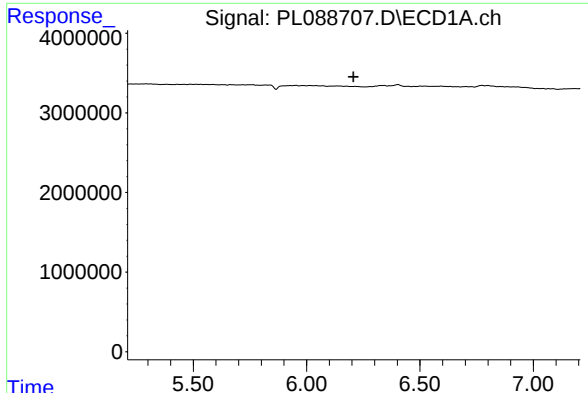
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.817 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

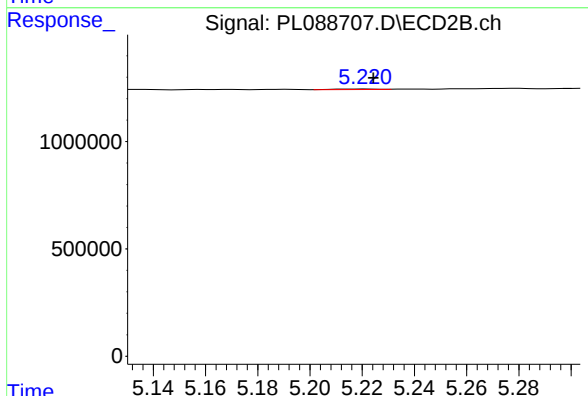
R.T.: 4.858 min  
Delta R.T.: 0.009 min  
Response: 20319  
Conc: 0.01 ng/ml



#9 Endosulfan I

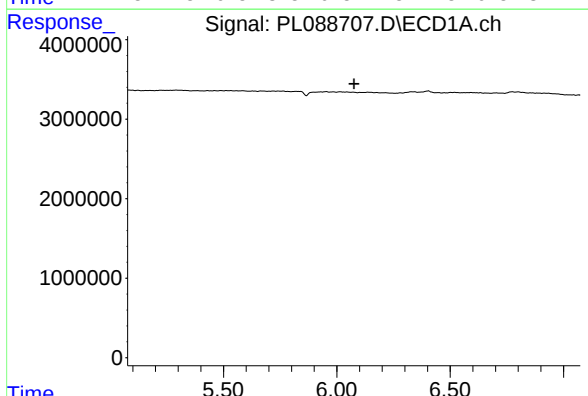
R.T.: 0.000 min  
Exp R.T.: 6.207 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB159702BL



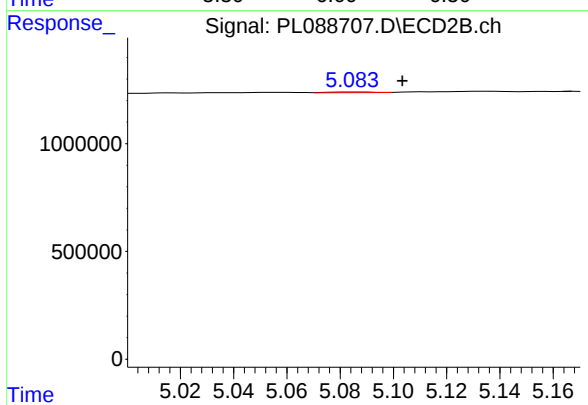
#9 Endosulfan I

R.T.: 5.222 min  
Delta R.T.: -0.002 min  
Response: 27047  
Conc: 0.02 ng/ml



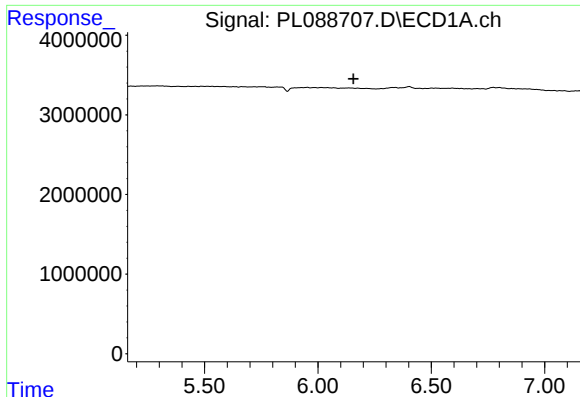
#10 gamma-Chlordane

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



#10 gamma-Chlordane

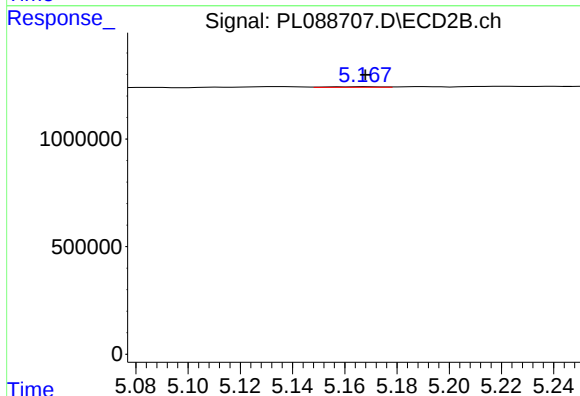
R.T.: 5.085 min  
Delta R.T.: -0.018 min  
Response: 34355  
Conc: 0.02 ng/ml



#11 alpha-Chlordane

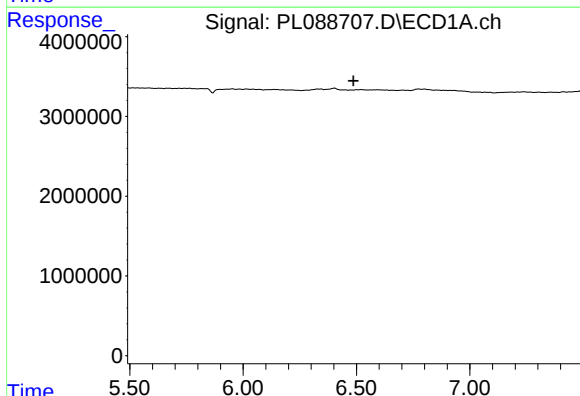
R.T.: 0.000 min  
Exp R.T.: 6.157 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB159702BL



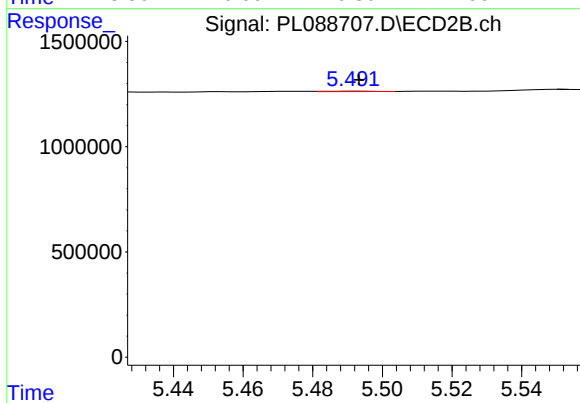
#11 alpha-Chlordane

R.T.: 5.169 min  
Delta R.T.: 0.001 min  
Response: 37910  
Conc: 0.02 ng/ml



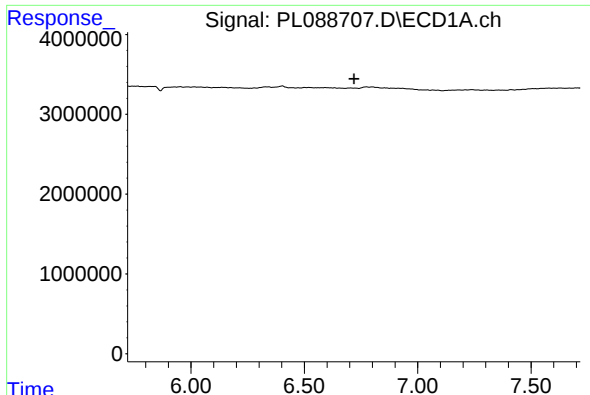
#13 Dieldrin

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



#13 Dieldrin

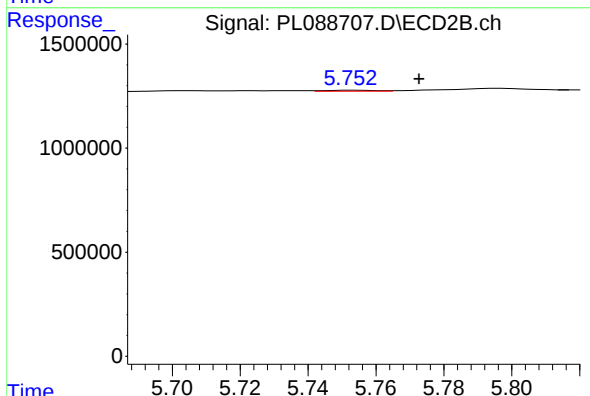
R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 14959  
Conc: 0.01 ng/ml



#14 Endrin

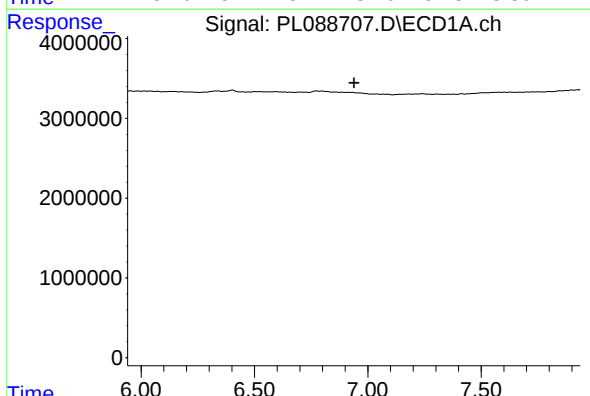
R.T.: 0.000 min  
Exp R.T.: 6.719 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB159702BL



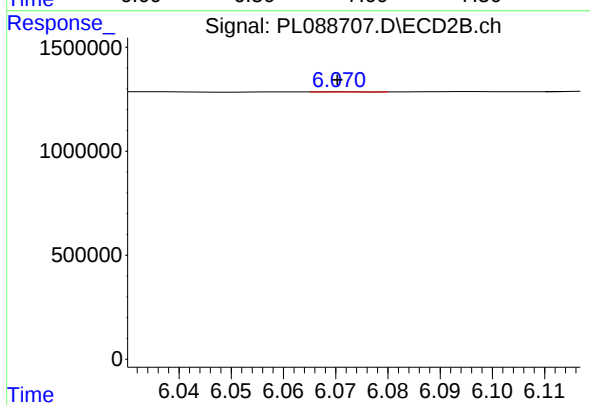
#14 Endrin

R.T.: 5.753 min  
Delta R.T.: -0.020 min  
Response: 49127  
Conc: 0.03 ng/ml



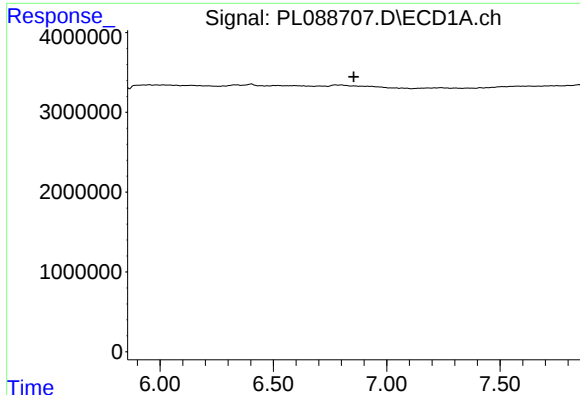
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.940 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

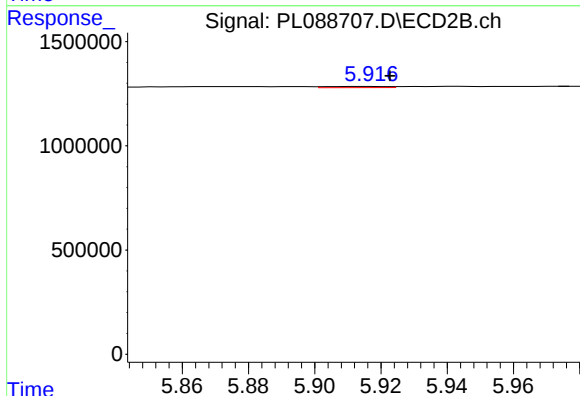
R.T.: 6.071 min  
Delta R.T.: 0.001 min  
Response: 7622  
Conc: 0.01 ng/ml



#16 4,4'-DDD

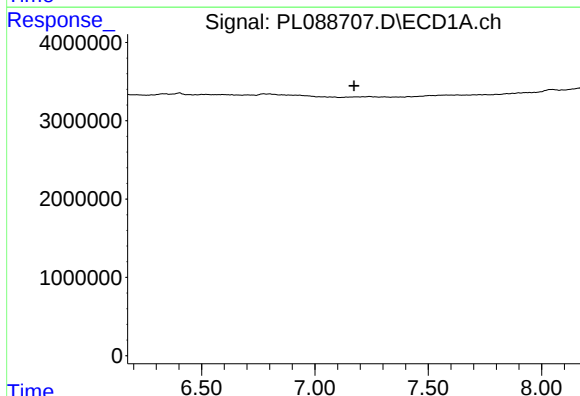
R.T.: 0.000 min  
Exp R.T.: 6.854 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB159702BL



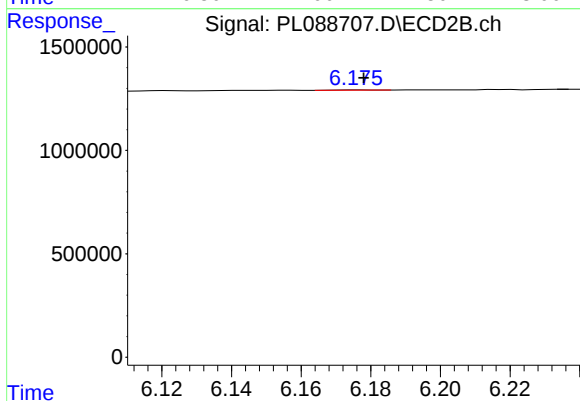
#16 4,4'-DDD

R.T.: 5.918 min  
Delta R.T.: -0.005 min  
Response: 75193  
Conc: 0.06 ng/ml



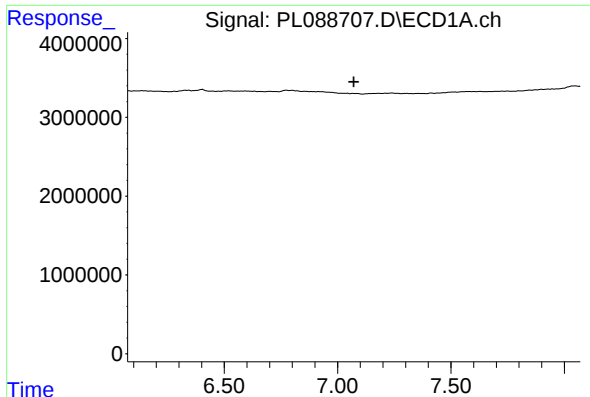
#17 4,4'-DDT

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



#17 4,4'-DDT

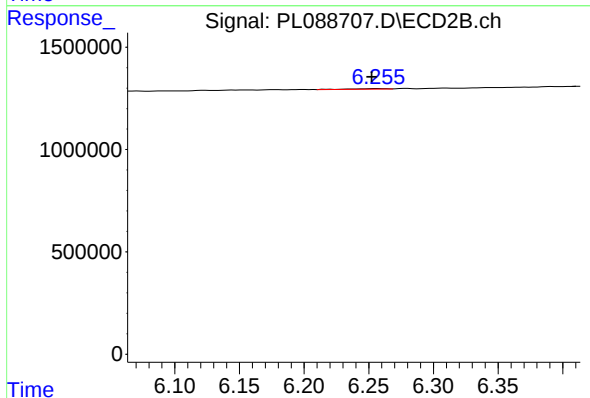
R.T.: 6.177 min  
Delta R.T.: -0.001 min  
Response: 10651  
Conc: 0.01 ng/ml



#18 Endrin aldehyde

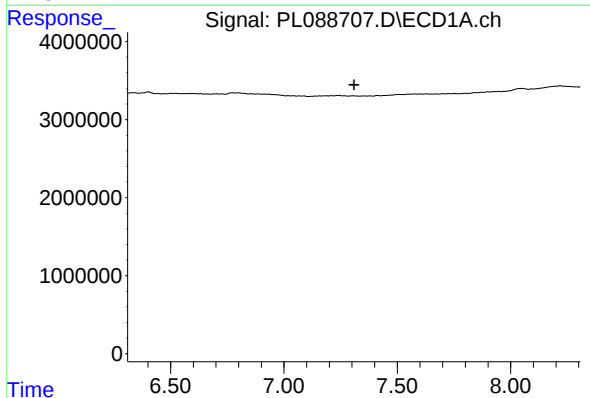
R.T.: 0.000 min  
Exp R.T.: 7.071 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB159702BL



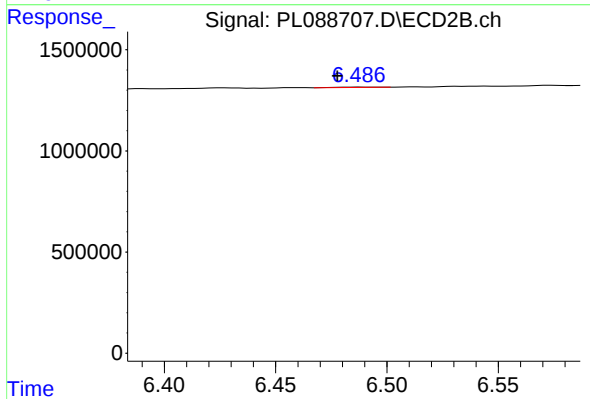
#18 Endrin aldehyde

R.T.: 6.257 min  
Delta R.T.: 0.005 min  
Response: 53196  
Conc: 0.05 ng/ml



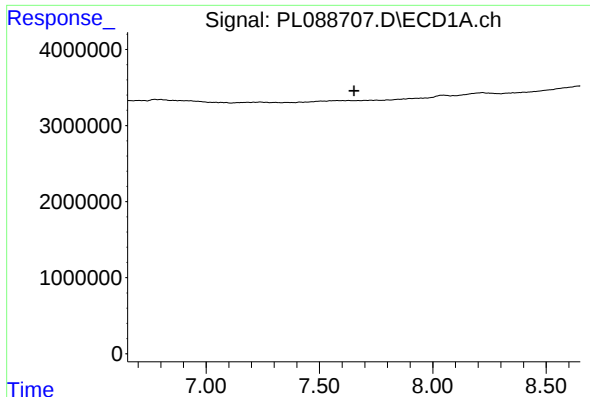
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

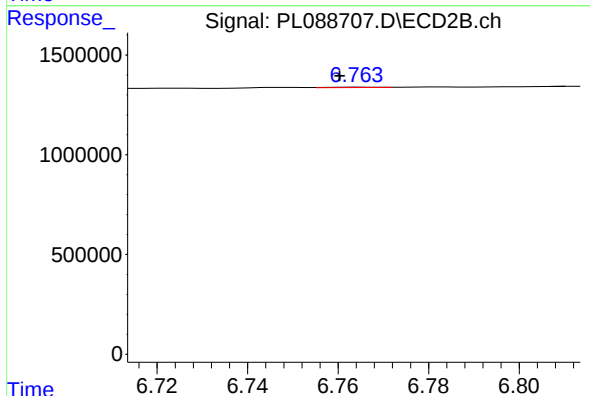
R.T.: 6.487 min  
Delta R.T.: 0.010 min  
Response: 21006  
Conc: 0.02 ng/ml



#20 Methoxychlor

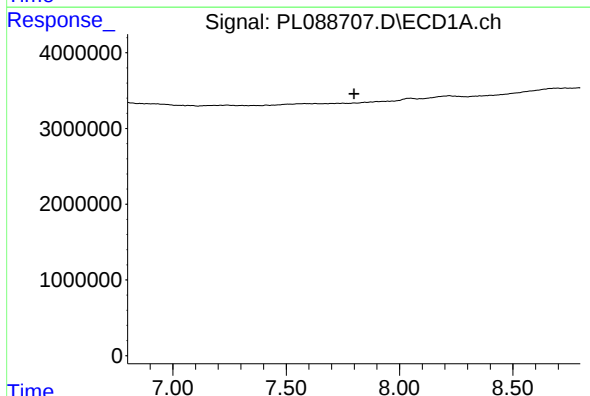
R.T.: 0.000 min  
Exp R.T.: 7.653 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB159702BL



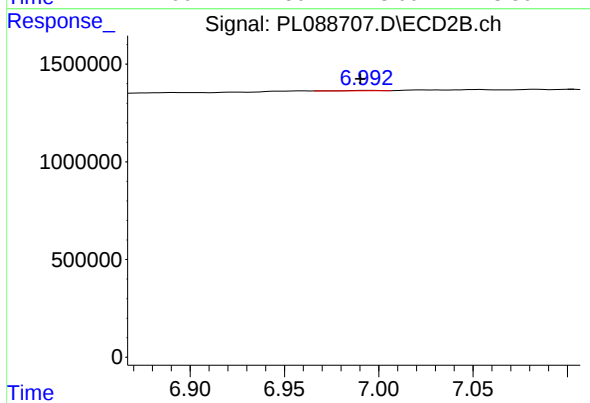
#20 Methoxychlor

R.T.: 6.766 min  
Delta R.T.: 0.005 min  
Response: 13351  
Conc: 0.02 ng/ml



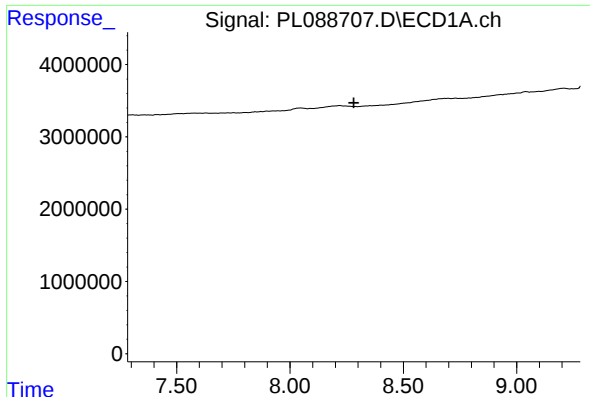
#21 Endrin ketone

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



#21 Endrin ketone

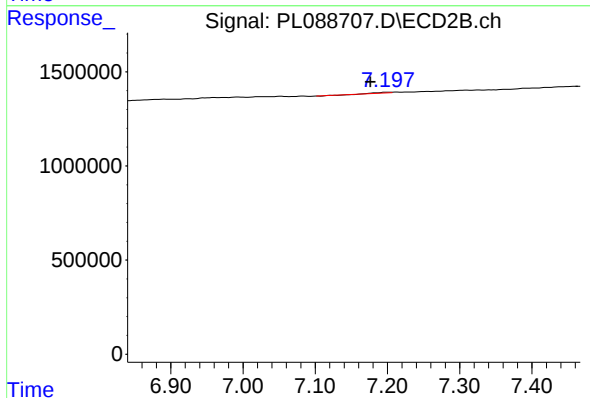
R.T.: 6.994 min  
Delta R.T.: 0.004 min  
Response: 22913  
Conc: 0.01 ng/ml



#22 Mirex

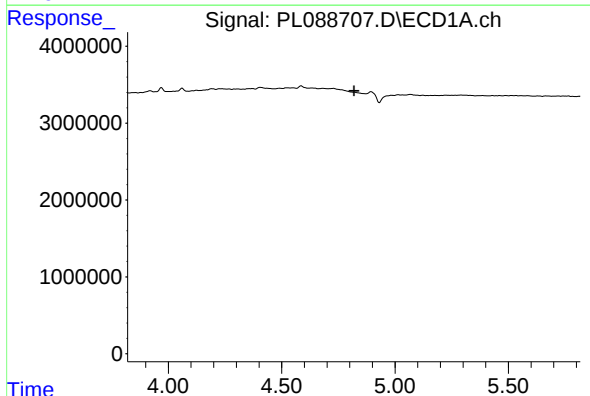
R.T.: 0.000 min  
Exp R.T.: 8.282 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB159702BL



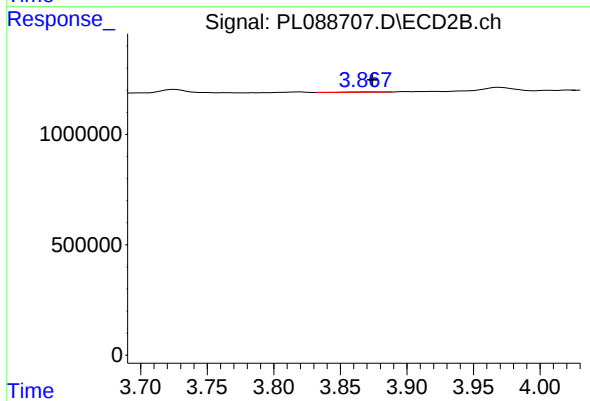
#22 Mirex

R.T.: 7.200 min  
Delta R.T.: 0.024 min  
Response: 25891  
Conc: 0.02 ng/ml



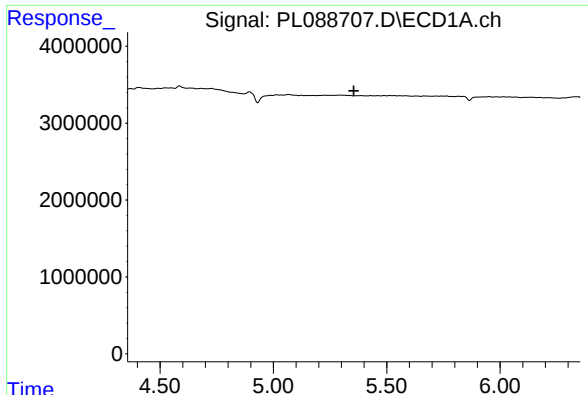
#23 Chlordane-1

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



#23 Chlordane-1

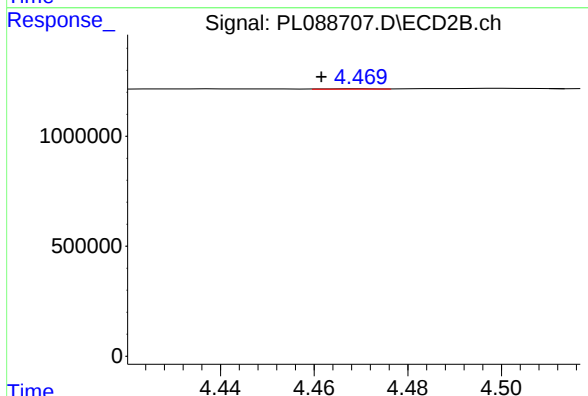
R.T.: 3.868 min  
Delta R.T.: -0.006 min  
Response: 22864  
Conc: 0.47 ng/ml



#24 Chlordane-2

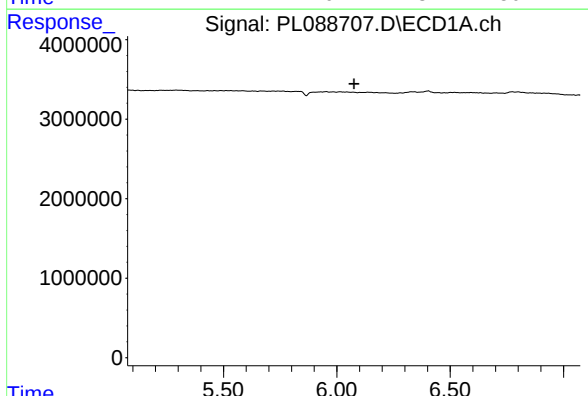
R.T.: 0.000 min  
Exp R.T.: 5.355 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB159702BL



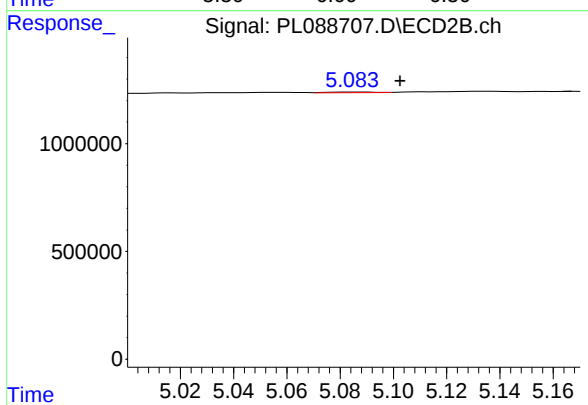
#24 Chlordane-2

R.T.: 4.471 min  
Delta R.T.: 0.009 min  
Response: 11713  
Conc: 0.19 ng/ml



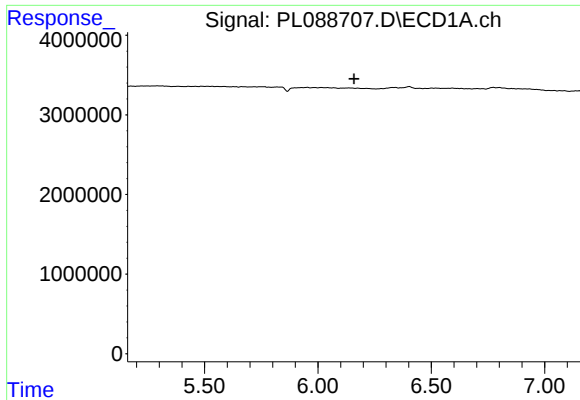
#25 Chlordane-3

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



#25 Chlordane-3

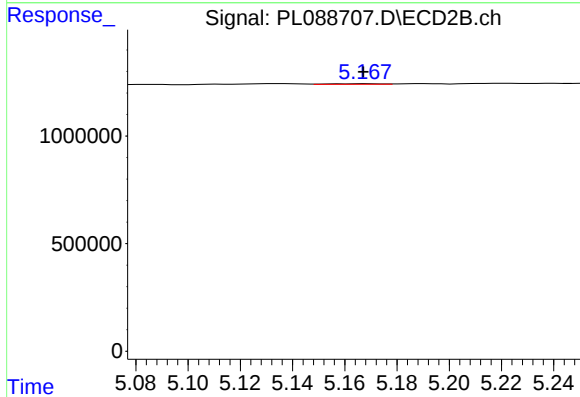
R.T.: 5.085 min  
Delta R.T.: -0.017 min  
Response: 34355  
Conc: 0.20 ng/ml



#26 Chlordane-4

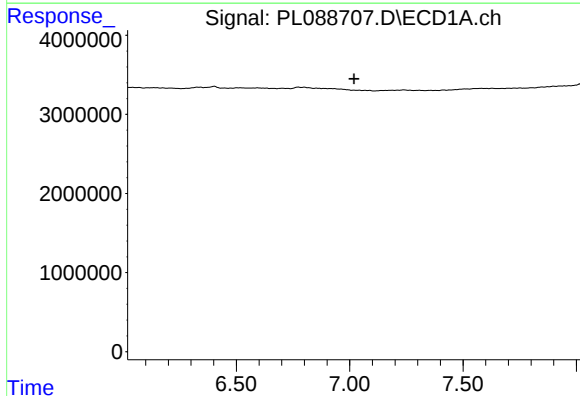
R.T.: 0.000 min  
Exp R.T.: 6.160 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB159702BL



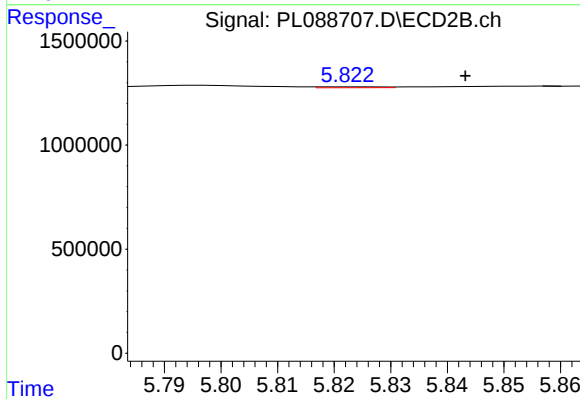
#26 Chlordane-4

R.T.: 5.169 min  
Delta R.T.: 0.002 min  
Response: 37910  
Conc: 0.24 ng/ml



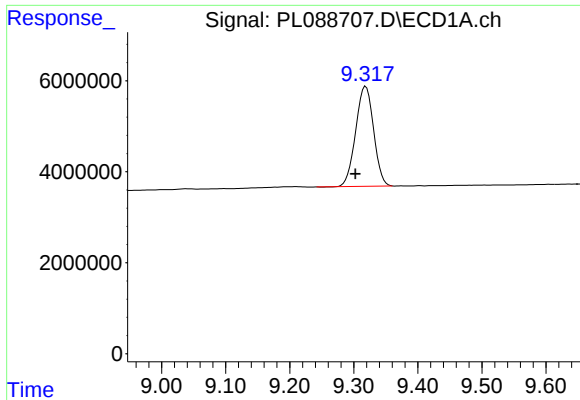
#27 Chlordane-5

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



#27 Chlordane-5

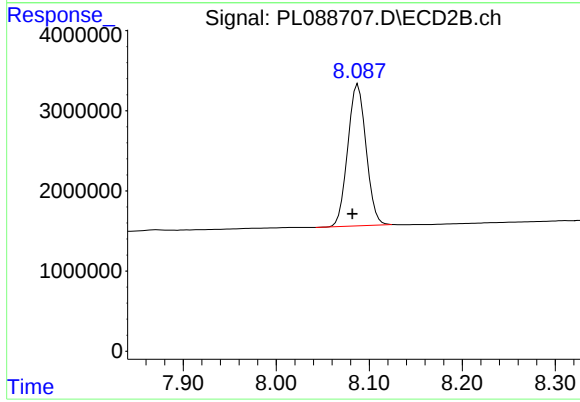
R.T.: 5.823 min  
Delta R.T.: -0.021 min  
Response: 35134  
Conc: 0.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.319 min  
Delta R.T.: 0.016 min  
Response: 42736115  
Conc: 17.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159702BL



#28 Decachlorobiphenyl

R.T.: 8.088 min  
Delta R.T.: 0.006 min  
Response: 24258467  
Conc: 17.89 ng/ml