

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122223\  
 Data File : PL087391.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Dec 2023 22:13  
 Operator : AR\AJ  
 Sample : 05906-09  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 GHL-SD-47

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 23 05:09:45 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 04:03:23 2023  
 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... | 3.422  | 2.678  | 41822796 | 17673761 | 11.113 | 10.500   |
| 28)                         | SA Decachlor... | 8.979  | 7.865  | 23089973 | 10411300 | 6.771  | 6.164    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.909f | 3.209f | 541798   | 600084   | 0.100  | 0.244 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.514  | 0        | 43766    | N.D.   | 0.018 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.871  | 0        | 49937    | N.D.   | 0.021 #  |
| 5)                          | MB Aldrin       | 5.143  | 4.173f | 772852   | 75291    | 0.148  | 0.031 #  |
| 6)                          | B beta-BHC      | 4.432  | 3.823  | 1690113  | -218350  | 0.736  | N.D. #   |
| 7)                          | B delta-BHC     | 4.660  | 4.044  | 2901285  | 38434    | 0.555  | 0.016 #  |
| 8)                          | B Heptachlo...  | 0.000  | 4.653  | 0        | 8184     | N.D.   | 0.004 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.030  | 0        | 5618907  | N.D.   | 2.600 #  |
| 10)                         | B gamma-Chl...  | 5.815f | 0.000  | 4363688  | 0        | 0.900  | N.D. #   |
| 11)                         | B alpha-Chl...  | 0.000  | 4.977  | 0        | 1371501  | N.D.   | 0.594 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.157  | 0        | 55889    | N.D.   | 0.028 #  |
| 14)                         | MA Endrin       | 0.000  | 5.577  | 0        | 64611    | N.D.   | 0.032 #  |
| 15)                         | B Endosulfa...  | 6.686f | 0.000  | 529139   | 0        | 0.132  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.711f | 0        | 79691    | N.D.   | 0.048 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.979  | 0        | 46557    | N.D.   | 0.025 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.046  | 0        | 77619    | N.D.   | 0.053 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.561  | 0        | 464088   | N.D.   | 0.454 #  |
| 22)                         | Mirex           | 8.059f | 6.939f | 183146   | 451775   | 0.054  | 0.254 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.689  | 0        | 2279969  | N.D.   | 36.753 # |
| 24)                         | Chlordane-2     | 5.143  | 0.000  | 772852   | 0        | 4.437  | N.D. #   |
| 25)                         | Chlordane-3     | 5.815f | 0.000  | 4363688  | 0        | 6.260  | N.D. #   |
| 26)                         | Chlordane-4     | 0.000  | 4.977  | 0        | 1371501  | N.D.   | 5.891 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.630  | 0        | 54603    | N.D.   | 0.844 #  |

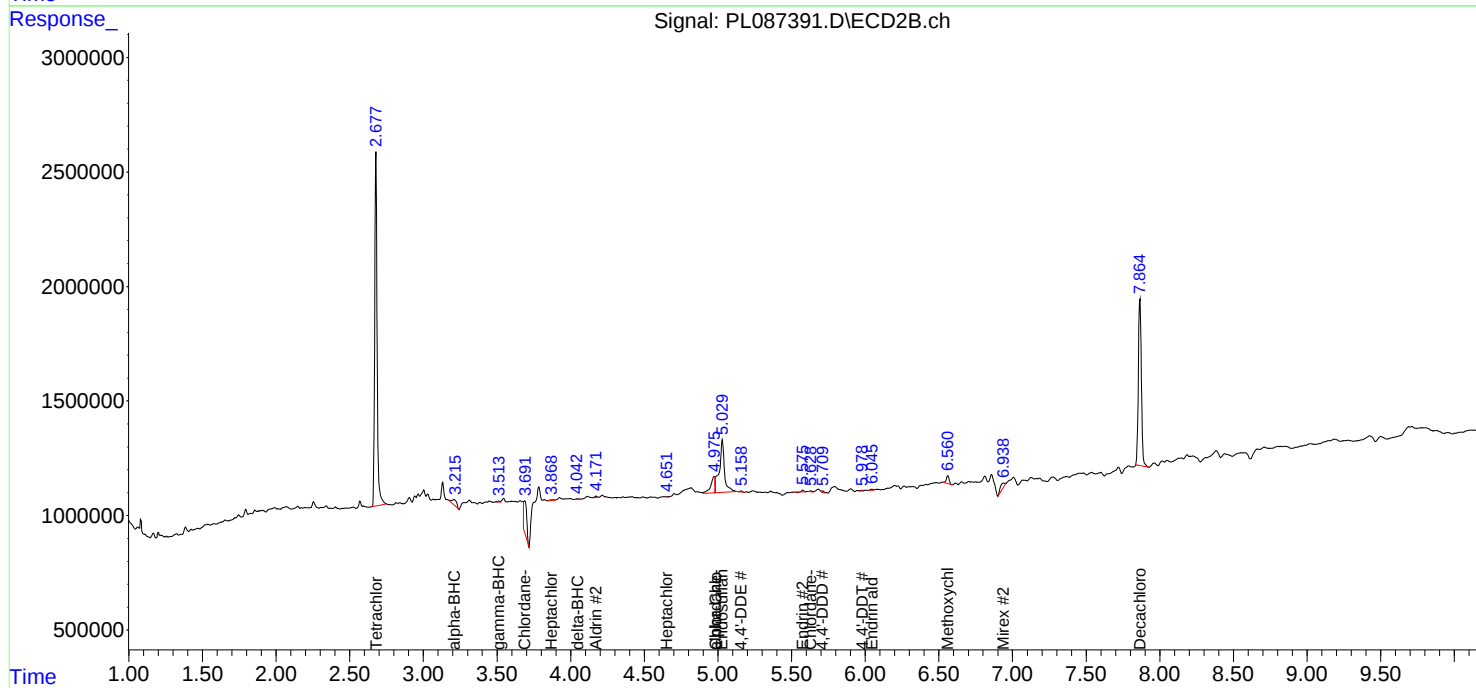
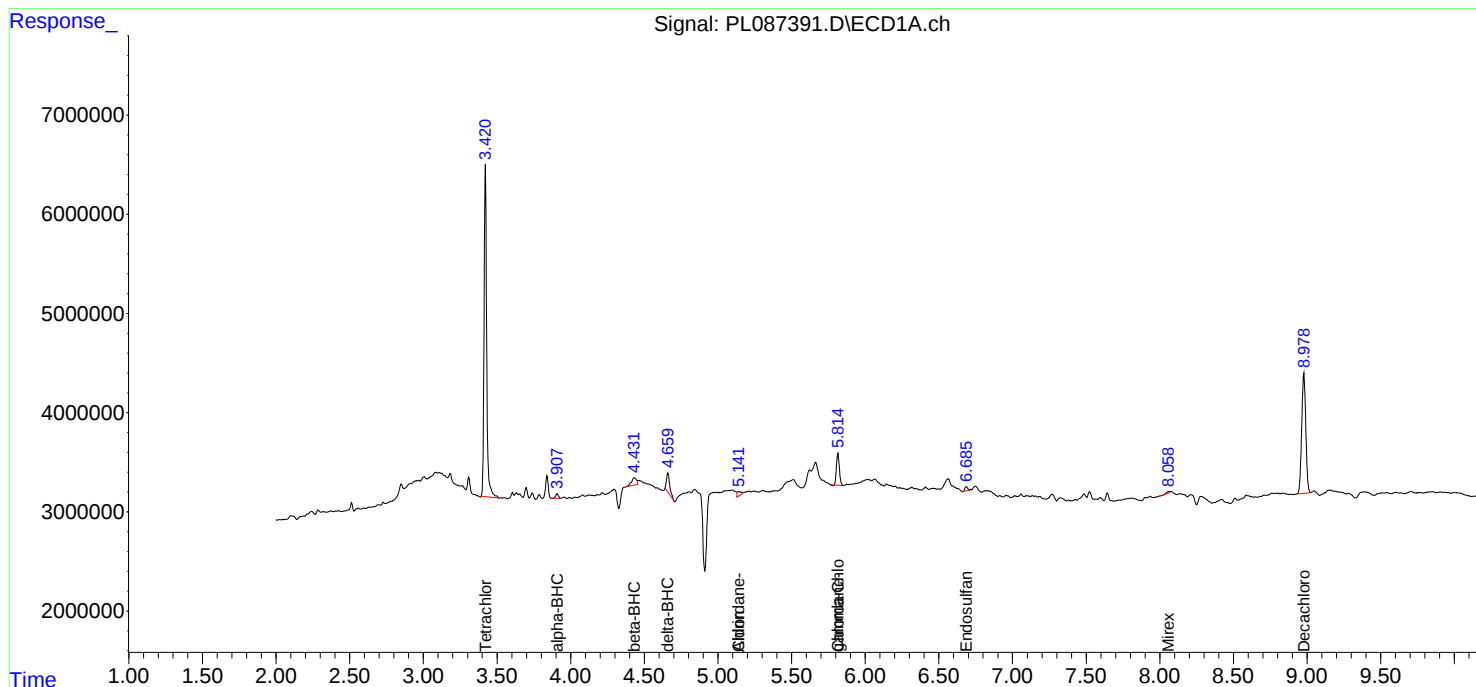
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

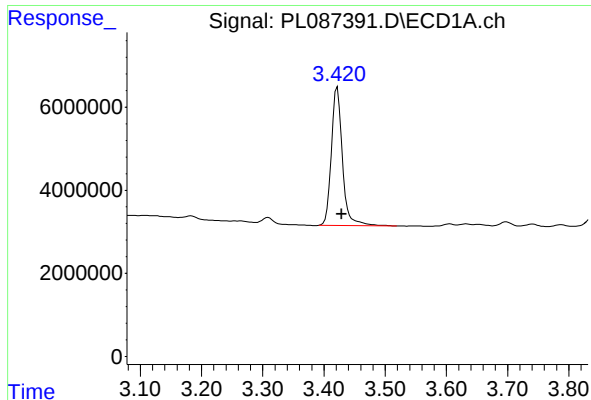
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122223\  
Data File : PL087391.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Dec 2023 22:13  
Operator : AR\AJ  
Sample : 05906-09  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SD-47

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 23 05:09:45 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 16 04:03:23 2023  
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

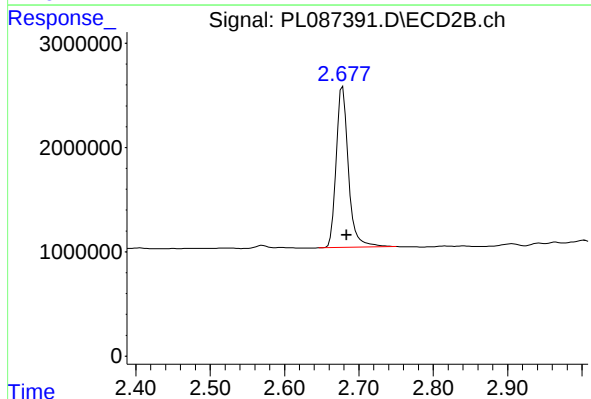




#1 Tetrachloro-m-xylene

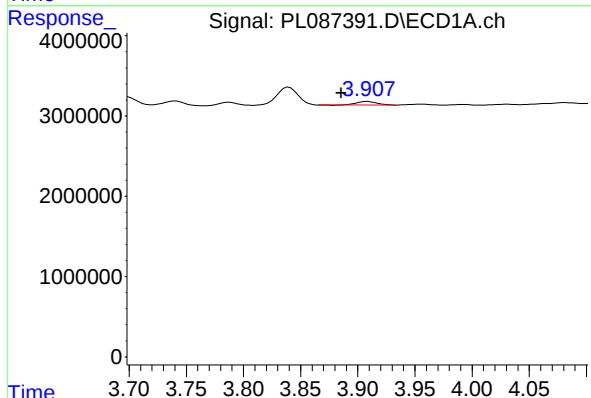
R.T.: 3.422 min  
Delta R.T.: -0.007 min  
Response: 41822796  
Conc: 11.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SD-47



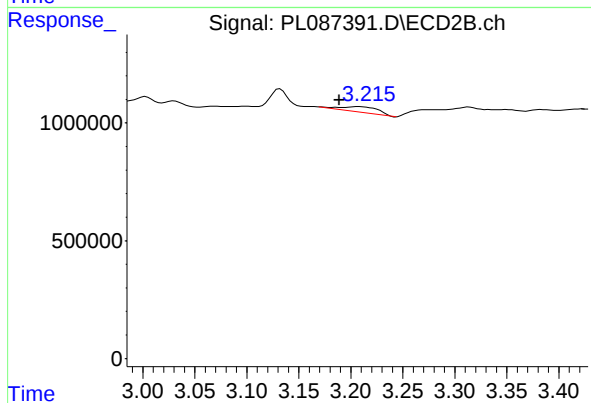
#1 Tetrachloro-m-xylene

R.T.: 2.678 min  
Delta R.T.: -0.005 min  
Response: 17673761  
Conc: 10.50 ng/ml



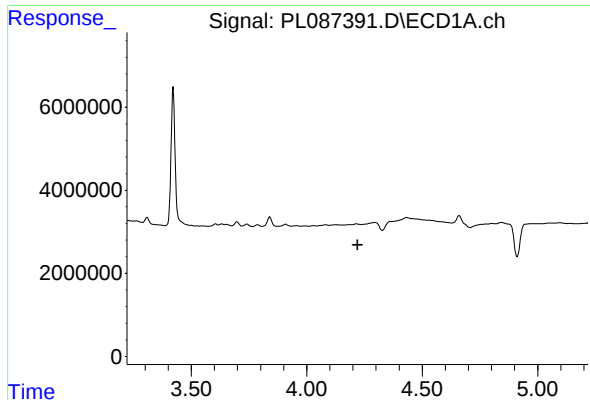
#2 alpha-BHC

R.T.: 3.909 min  
Delta R.T.: 0.023 min  
Response: 541798  
Conc: 0.10 ng/ml



#2 alpha-BHC

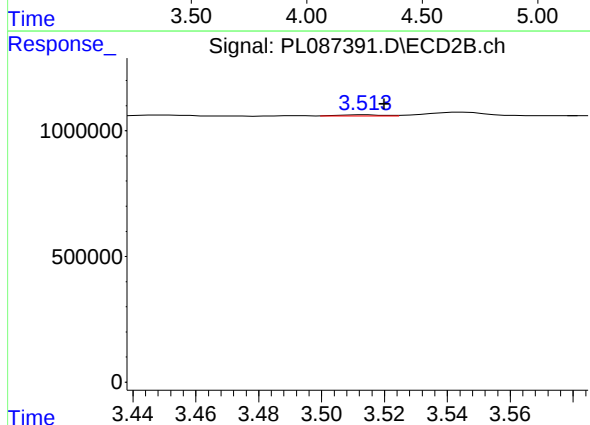
R.T.: 3.209 min  
Delta R.T.: 0.020 min  
Response: 600084  
Conc: 0.24 ng/ml



#3 gamma-BHC (Lindane)

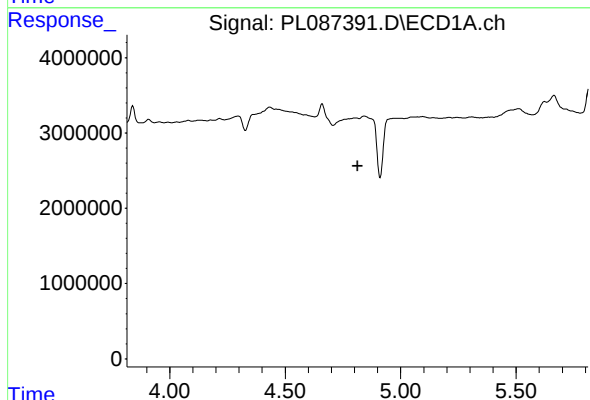
R.T.: 0.000 min  
Exp R.T.: 4.220 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SD-47



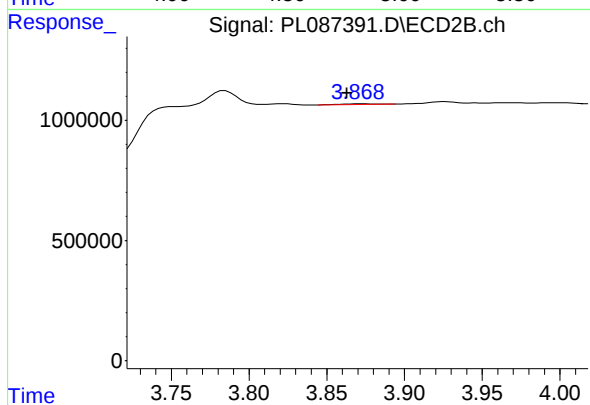
#3 gamma-BHC (Lindane)

R.T.: 3.514 min  
Delta R.T.: -0.006 min  
Response: 43766  
Conc: 0.02 ng/ml



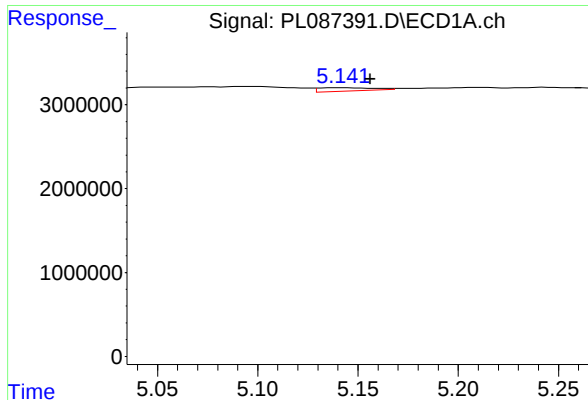
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.813 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

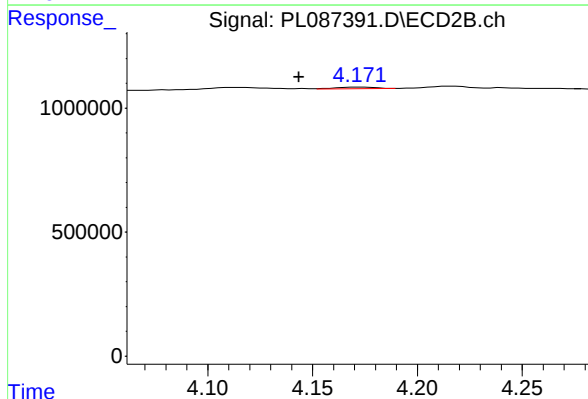
R.T.: 3.871 min  
Delta R.T.: 0.008 min  
Response: 49937  
Conc: 0.02 ng/ml



#5 Aldrin

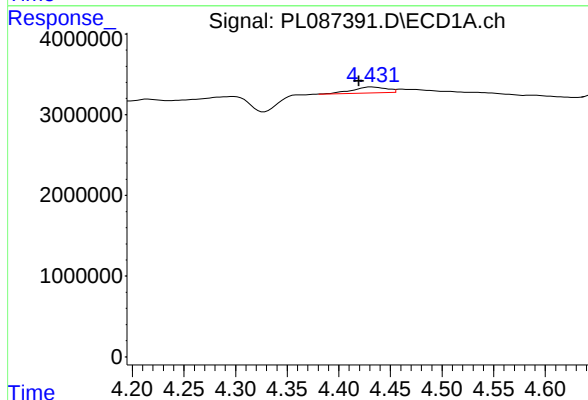
R.T.: 5.143 min  
Delta R.T.: -0.013 min  
Response: 772852  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SD-47



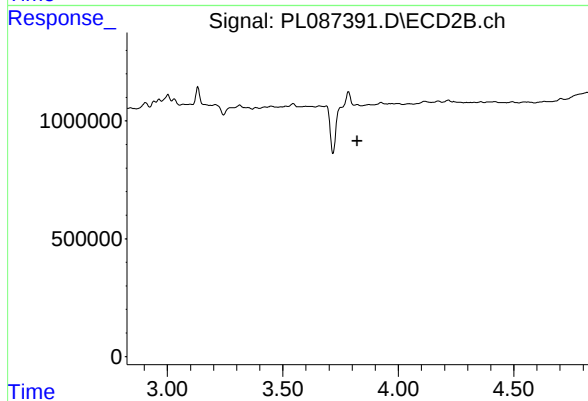
#5 Aldrin

R.T.: 4.173 min  
Delta R.T.: 0.029 min  
Response: 75291  
Conc: 0.03 ng/ml



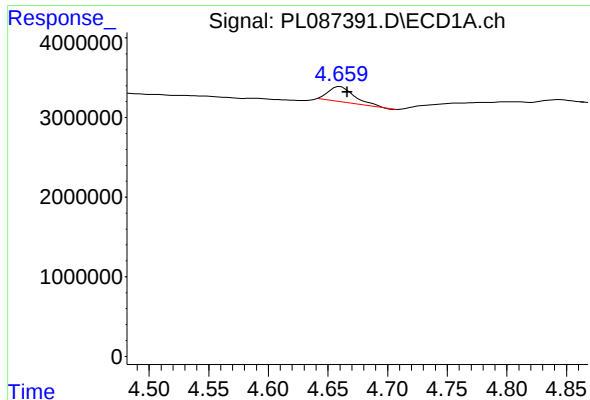
#6 beta-BHC

R.T.: 4.432 min  
Delta R.T.: 0.012 min  
Response: 1690113  
Conc: 0.74 ng/ml



#6 beta-BHC

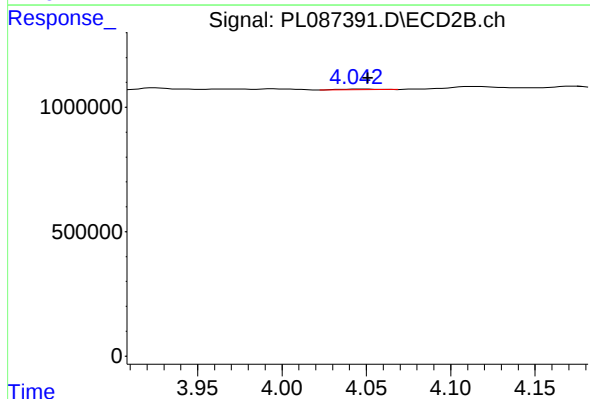
R.T.: 3.823 min  
Delta R.T.: 0.000 min  
Response: -218350  
Conc: N.D.



#7 delta-BHC

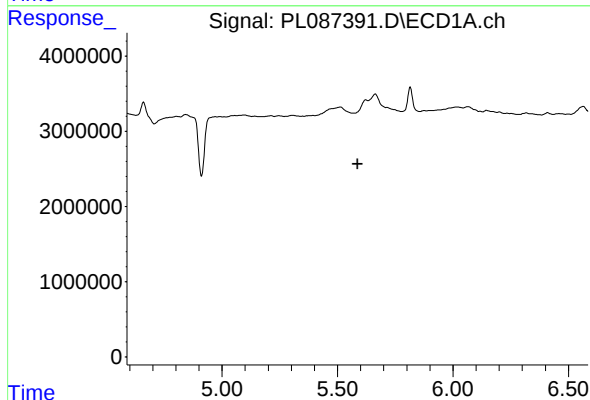
R.T.: 4.660 min  
Delta R.T.: -0.006 min  
Response: 2901285  
Conc: 0.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SD-47



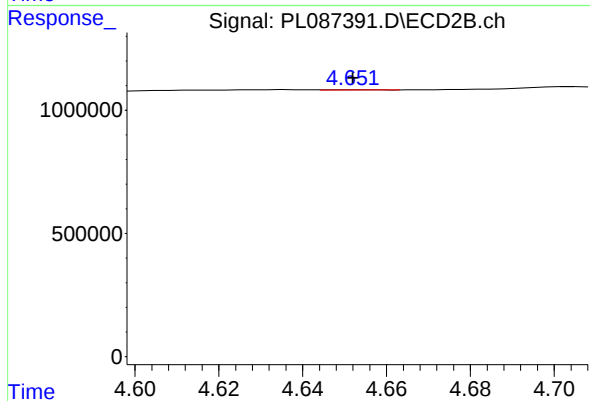
#7 delta-BHC

R.T.: 4.044 min  
Delta R.T.: -0.007 min  
Response: 38434  
Conc: 0.02 ng/ml



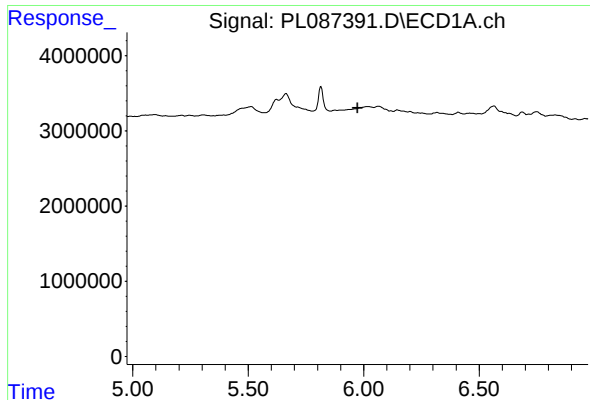
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.587 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

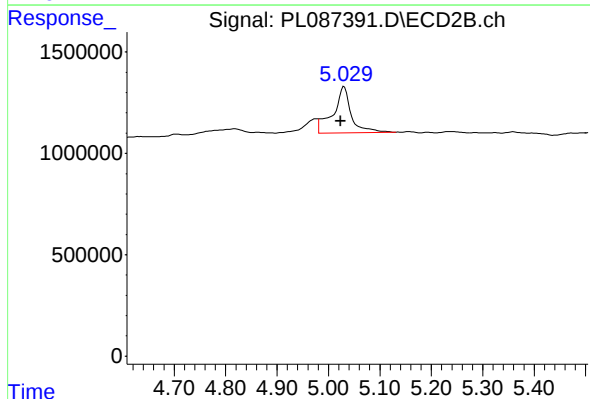
R.T.: 4.653 min  
Delta R.T.: 0.000 min  
Response: 8184  
Conc: 0.00 ng/ml



#9 Endosulfan I

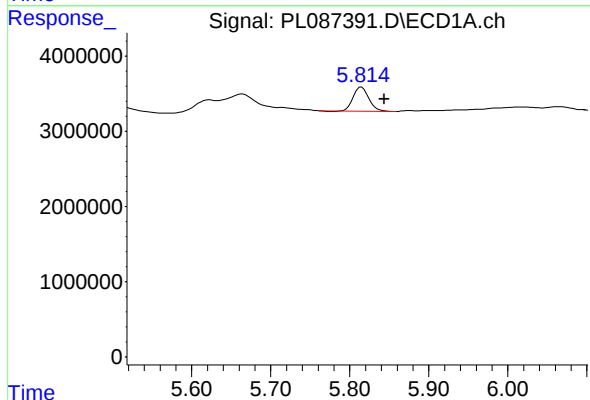
R.T.: 0.000 min  
Exp R.T.: 5.973 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SD-47



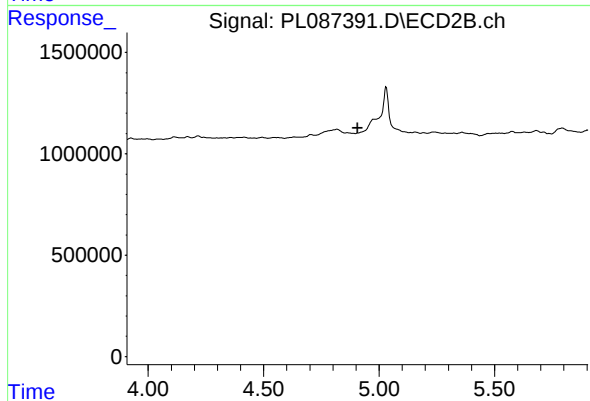
#9 Endosulfan I

R.T.: 5.030 min  
Delta R.T.: 0.007 min  
Response: 5618907  
Conc: 2.60 ng/ml



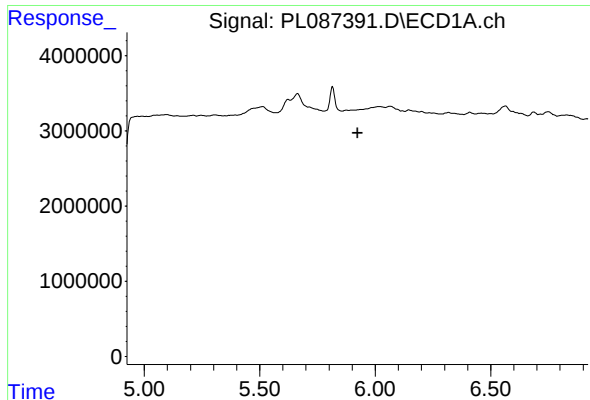
#10 gamma-Chlordane

R.T.: 5.815 min  
Delta R.T.: -0.029 min  
Response: 4363688  
Conc: 0.90 ng/ml



#10 gamma-Chlordane

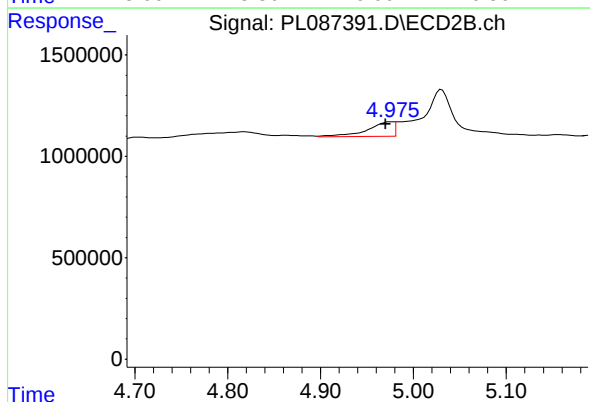
R.T.: 0.000 min  
Exp R.T.: 4.906 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

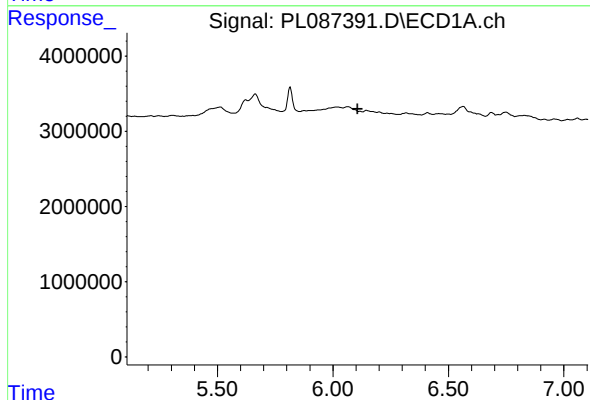
R.T.: 0.000 min  
Exp R.T.: 5.924 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SD-47



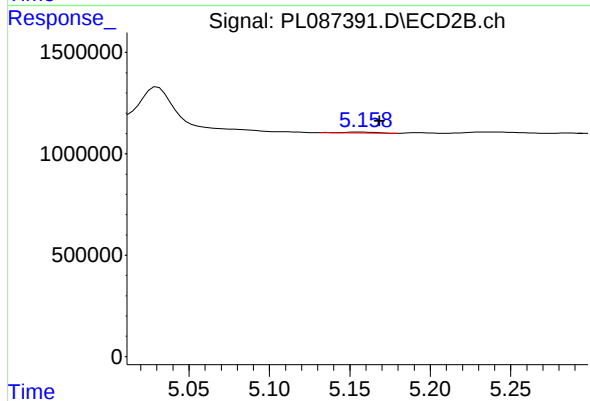
#11 alpha-Chlordane

R.T.: 4.977 min  
Delta R.T.: 0.007 min  
Response: 1371501  
Conc: 0.59 ng/ml



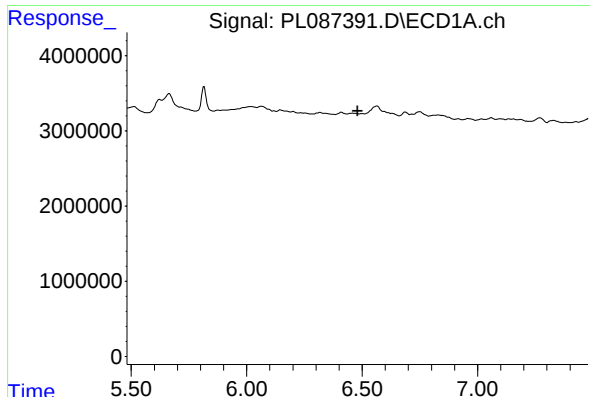
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 6.106 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

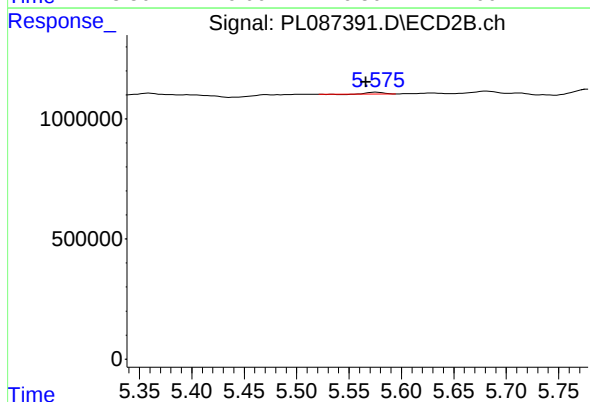
R.T.: 5.157 min  
Delta R.T.: -0.011 min  
Response: 55889  
Conc: 0.03 ng/ml



#14 Endrin

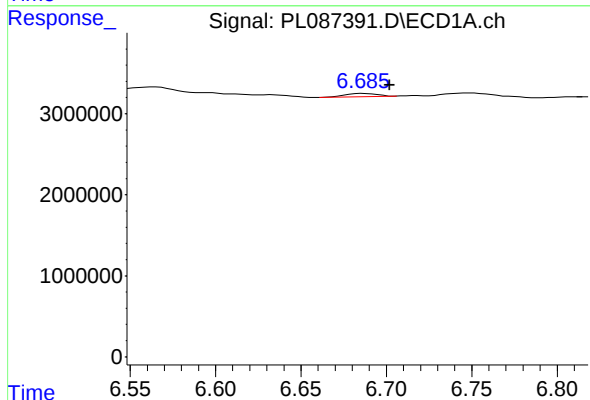
R.T.: 0.000 min  
Exp R.T.: 6.480 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SD-47



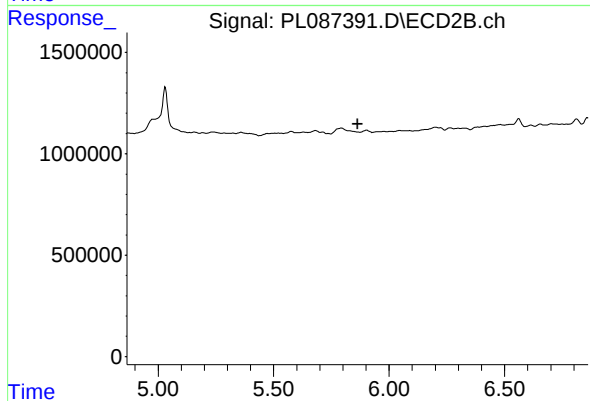
#14 Endrin

R.T.: 5.577 min  
Delta R.T.: 0.010 min  
Response: 64611  
Conc: 0.03 ng/ml



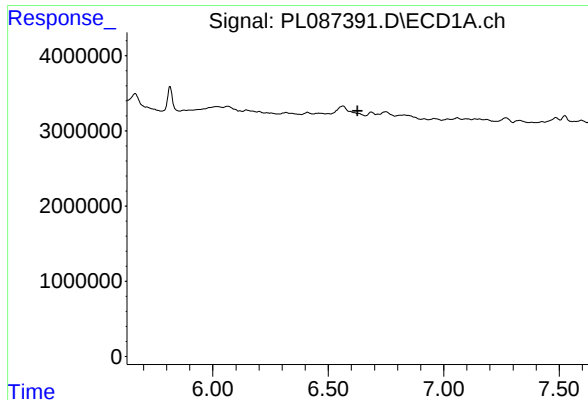
#15 Endosulfan II

R.T.: 6.686 min  
Delta R.T.: -0.016 min  
Response: 529139  
Conc: 0.13 ng/ml



#15 Endosulfan II

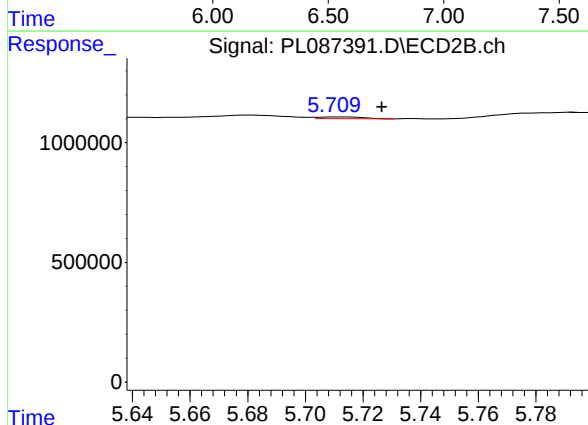
R.T.: 0.000 min  
Exp R.T.: 5.864 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

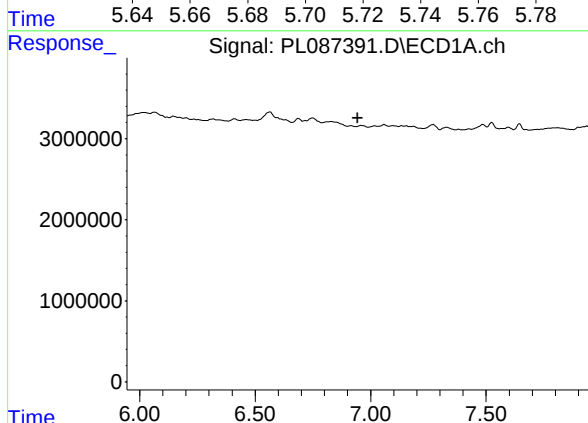
R.T.: 0.000 min  
Exp R.T.: 6.626 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SD-47



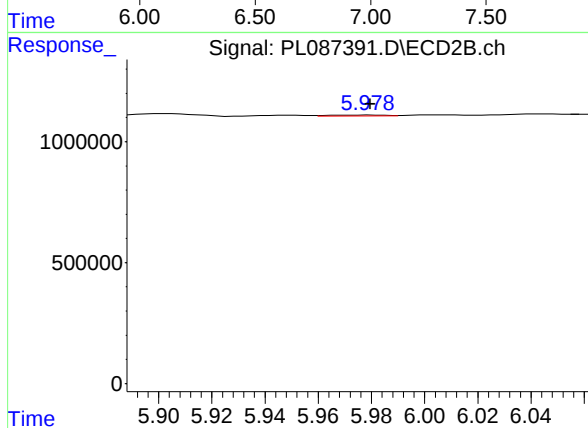
#16 4,4'-DDD

R.T.: 5.711 min  
Delta R.T.: -0.016 min  
Response: 79691  
Conc: 0.05 ng/ml



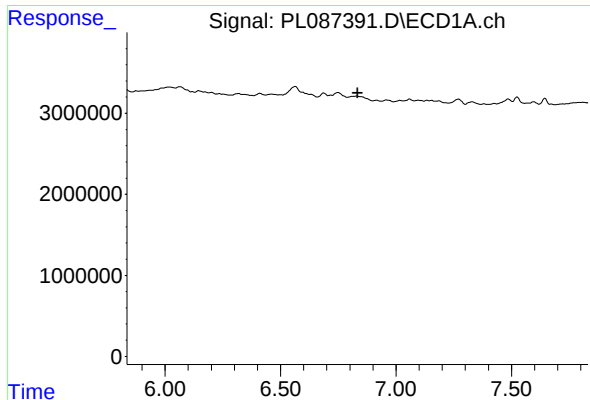
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 6.943 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

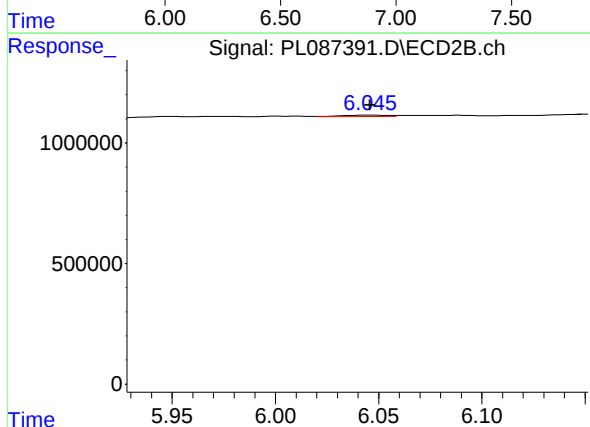
R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 46557  
Conc: 0.03 ng/ml



#18 Endrin aldehyde

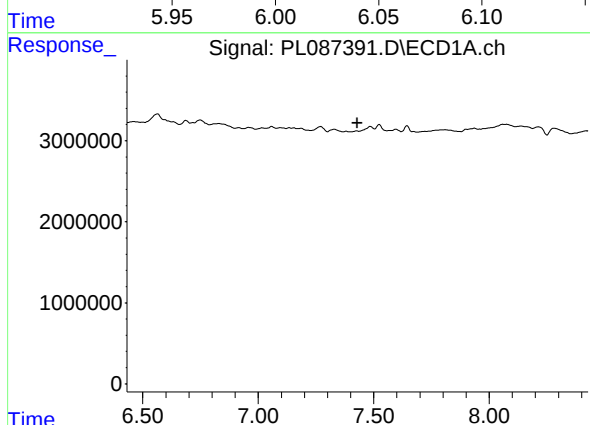
R.T.: 0.000 min  
Exp R.T.: 6.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SD-47



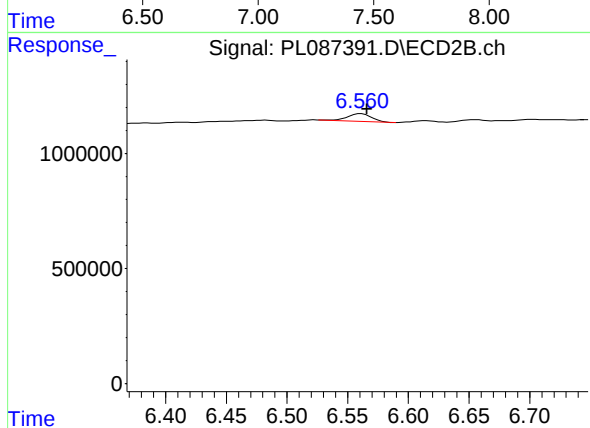
#18 Endrin aldehyde

R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 77619  
Conc: 0.05 ng/ml



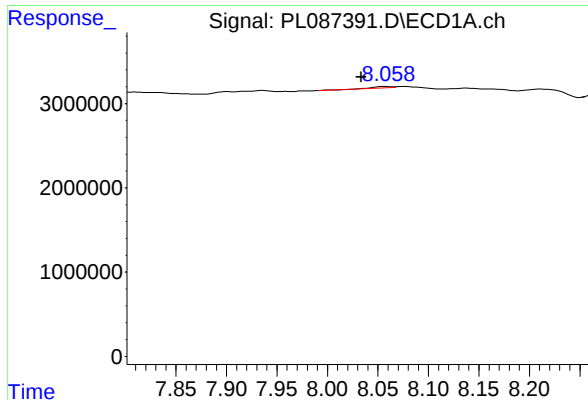
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.428 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

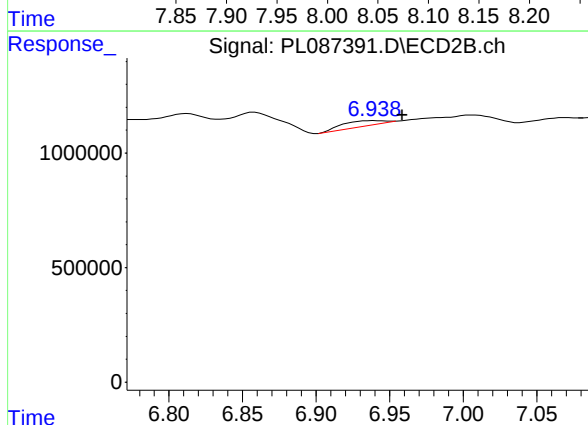
R.T.: 6.561 min  
Delta R.T.: -0.005 min  
Response: 464088  
Conc: 0.45 ng/ml



#22 Mirex

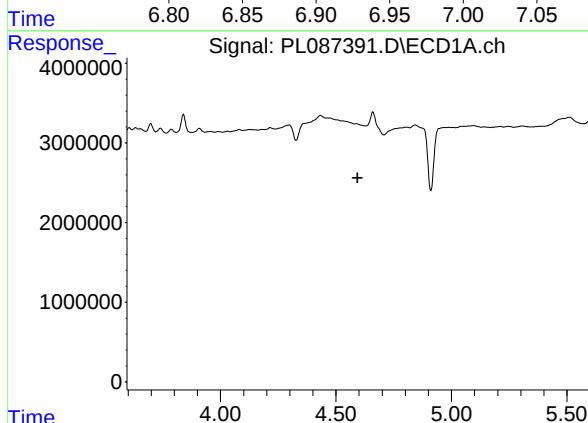
R.T.: 8.059 min  
Delta R.T.: 0.026 min  
Response: 183146  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SD-47



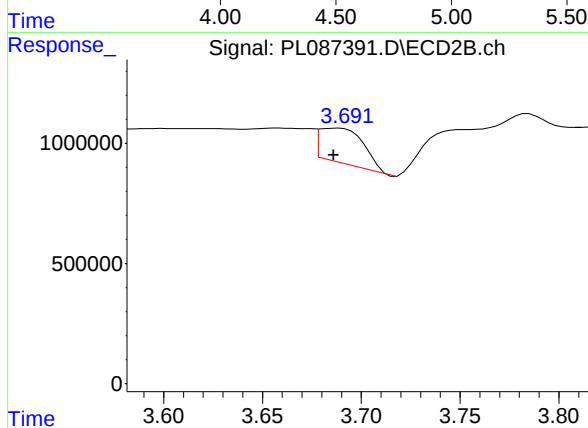
#22 Mirex

R.T.: 6.939 min  
Delta R.T.: -0.019 min  
Response: 451775  
Conc: 0.25 ng/ml



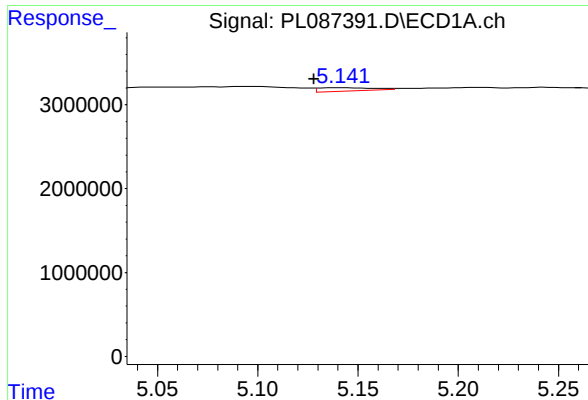
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.594 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

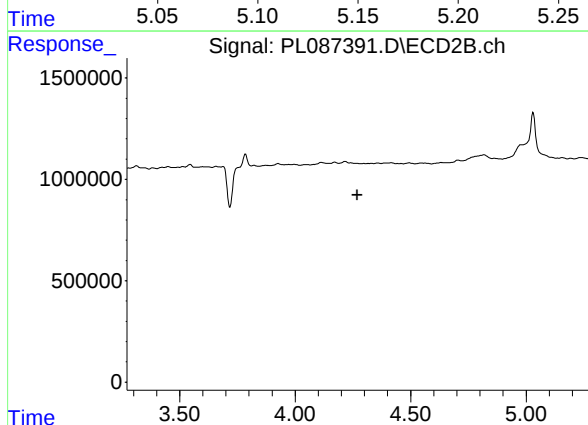
R.T.: 3.689 min  
Delta R.T.: 0.003 min  
Response: 2279969  
Conc: 36.75 ng/ml



#24 Chlordane-2

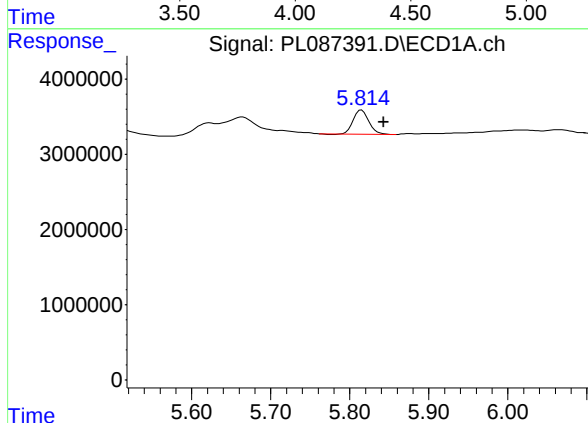
R.T.: 5.143 min  
Delta R.T.: 0.015 min  
Response: 772852  
Conc: 4.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SD-47



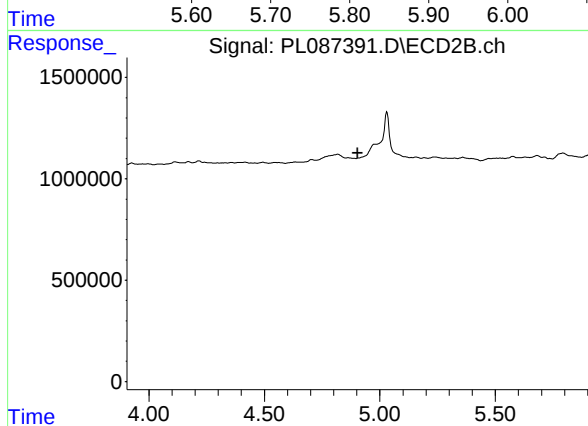
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.269 min  
Response: 0  
Conc: N.D.



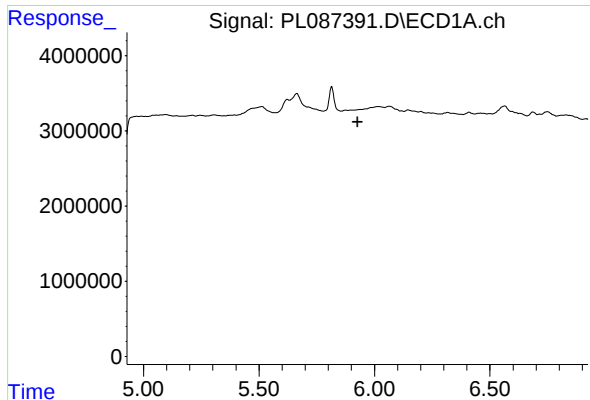
#25 Chlordane-3

R.T.: 5.815 min  
Delta R.T.: -0.028 min  
Response: 4363688  
Conc: 6.26 ng/ml



#25 Chlordane-3

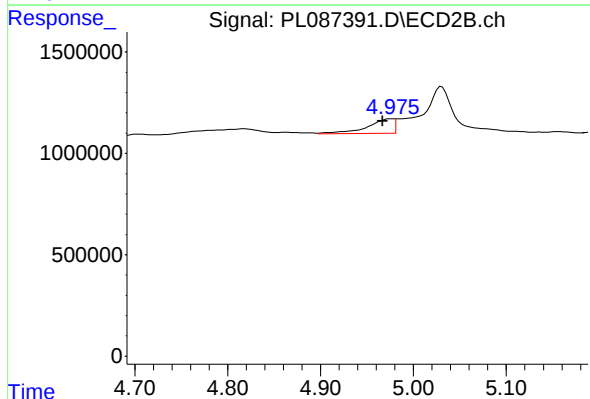
R.T.: 0.000 min  
Exp R.T. : 4.904 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

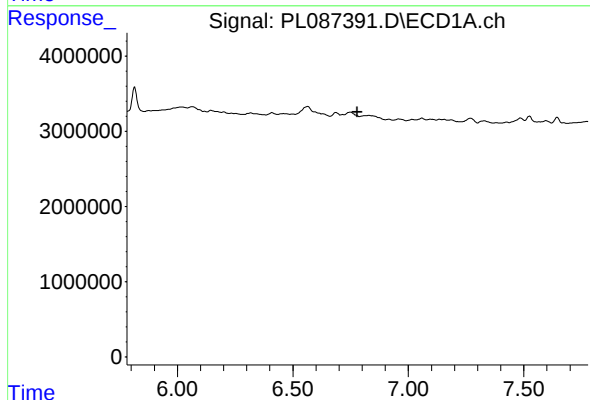
R.T.: 0.000 min  
Exp R.T.: 5.927 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SD-47



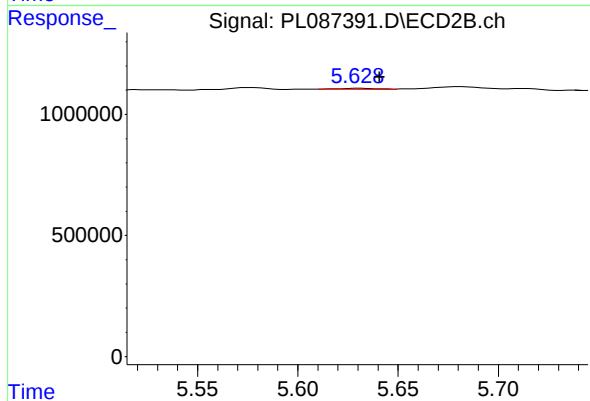
#26 Chlordane-4

R.T.: 4.977 min  
Delta R.T.: 0.010 min  
Response: 1371501  
Conc: 5.89 ng/ml



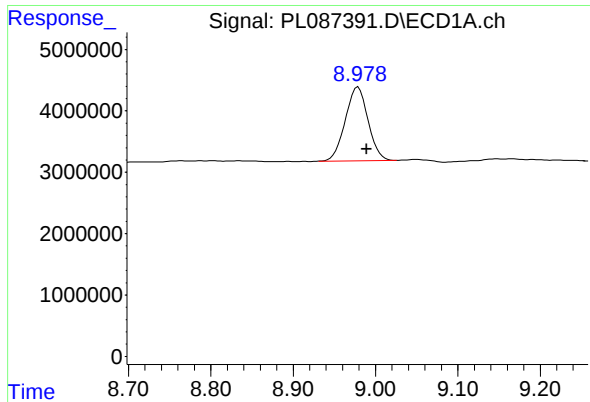
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.779 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

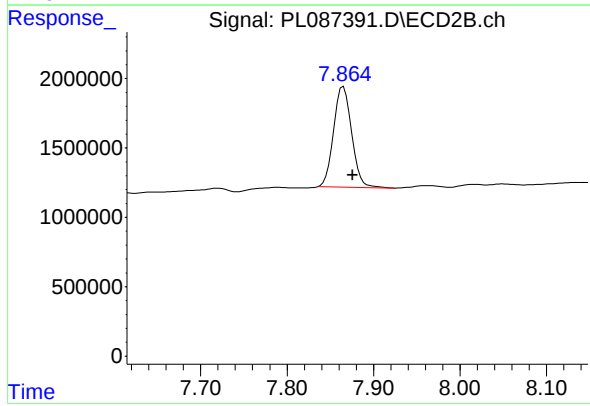
R.T.: 5.630 min  
Delta R.T.: -0.011 min  
Response: 54603  
Conc: 0.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.979 min  
Delta R.T.: -0.010 min  
Response: 23089973  
Conc: 6.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
GHL-SD-47



#28 Decachlorobiphenyl

R.T.: 7.865 min  
Delta R.T.: -0.011 min  
Response: 10411300  
Conc: 6.16 ng/ml