

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122623\  
 Data File : PL087491.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Dec 2023 15:30  
 Operator : AR\AJ  
 Sample : PB158036BL  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 26 20:33:22 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... | 3.426  | 2.678  | 54253204 | 22451990 | 14.416 | 13.338   |
| 28)                         | SA Decachlor... | 8.984  | 7.865  | 53110499 | 24273027 | 15.575 | 14.372   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.200  | 0        | 17639    | N.D.   | 0.007 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.512  | 0        | 47562    | N.D.   | 0.020 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.848f | 0        | 20427    | N.D.   | 0.009 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.150  | 0        | 204488   | N.D.   | 0.085 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.848f | 0        | 20427    | N.D.   | 0.020 #  |
| 7)                          | B delta-BHC     | 4.666  | 4.057  | 4345422  | 159123   | 0.831  | 0.065 #  |
| 8)                          | B Heptachlo...  | 5.581  | 0.000  | 1954323  | 0        | 0.415  | N.D. #   |
| 9)                          | A Endosulfan I  | 5.958  | 5.024  | 5188322  | 2101553  | 1.162  | 0.972    |
| 10)                         | B gamma-Chl...  | 5.835  | 4.903  | 5551060  | 1068992  | 1.145  | 0.467 #  |
| 11)                         | B alpha-Chl...  | 5.900f | 4.975  | 3325656  | 2792720  | 0.692  | 1.210 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.298  | 0        | 2304215  | N.D.   | 1.034 #  |
| 14)                         | MA Endrin       | 0.000  | 5.577  | 0        | 19854721 | N.D.   | 9.949 #  |
| 15)                         | B Endosulfa...  | 6.699  | 5.883f | 1863808  | -283866  | 0.465  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.610f | 0.000  | 4919253  | 0        | 1.488  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.971f | 0.000  | 958288   | 0        | 0.255  | N.D. #   |
| 18)                         | B Endrin al...  | 0.000  | 6.052  | 0        | 398601   | N.D.   | 0.272 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.279  | 0        | 11129    | N.D.   | 0.006 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.574  | 0        | 16059    | N.D.   | 0.016 #  |
| 22)                         | Mirex           | 8.057f | 0.000  | 466681   | 0        | 0.139  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 3.694  | 0        | 103387   | N.D.   | 1.667 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.292f | 0        | 2010961  | N.D.   | 26.194 # |
| 25)                         | Chlordane-3     | 5.835  | 4.903  | 5551060  | 1068992  | 7.964  | 4.836 #  |
| 26)                         | Chlordane-4     | 5.900f | 4.975  | 3325656  | 2792720  | 3.889  | 11.995 # |
| -----                       |                 |        |        |          |          |        |          |

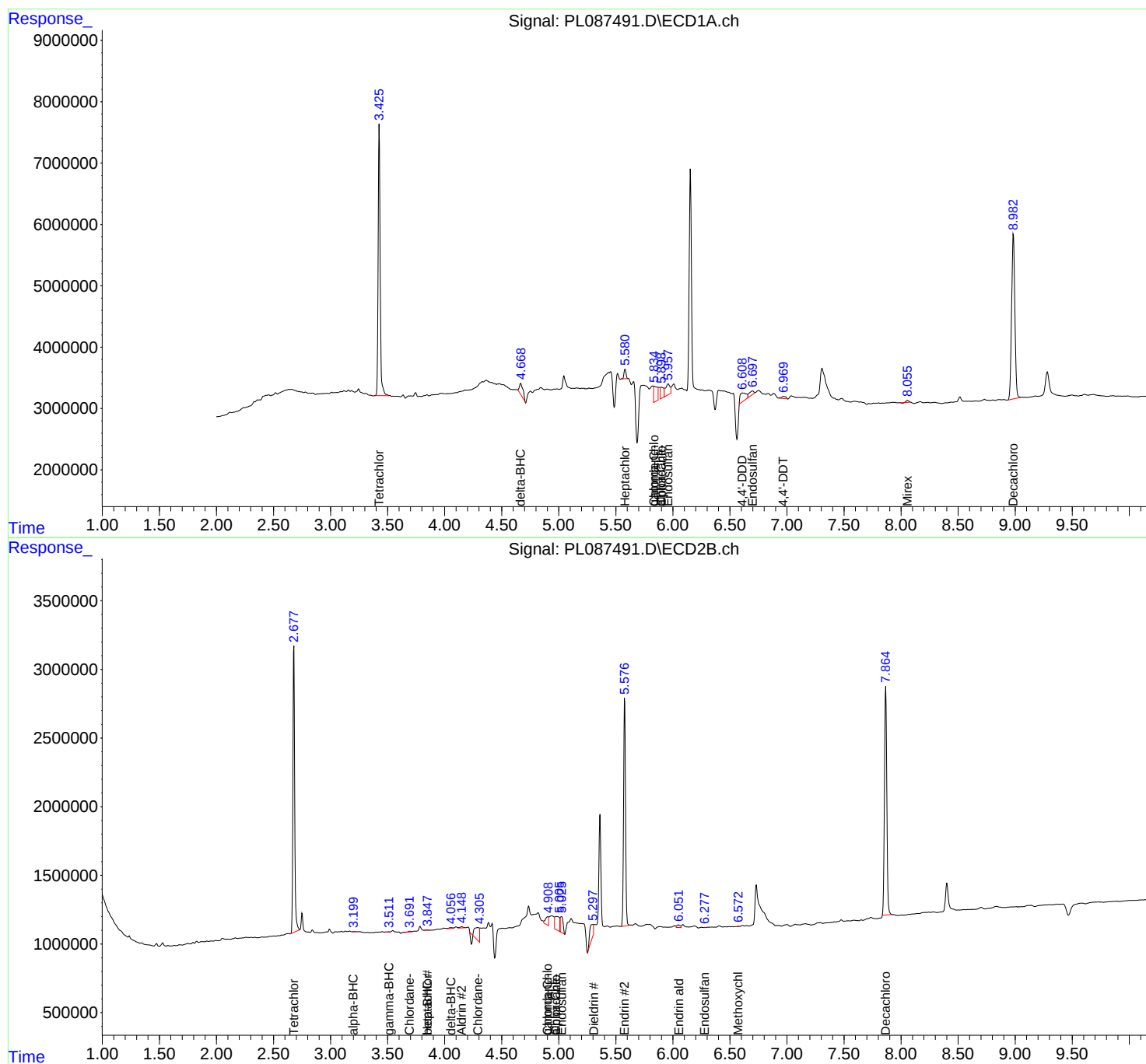
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

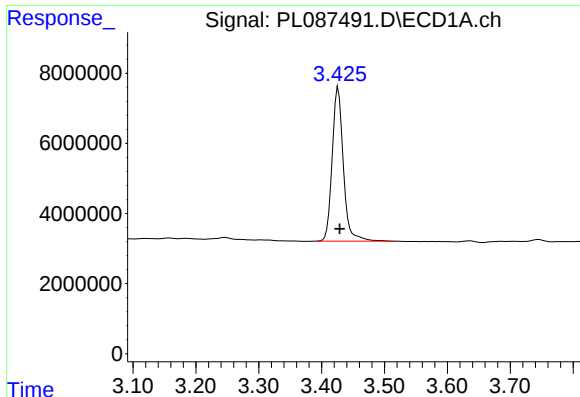
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122623\  
Data File : PL087491.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Dec 2023 15:30  
Operator : AR\AJ  
Sample : PB158036BL  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 26 20:33:22 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

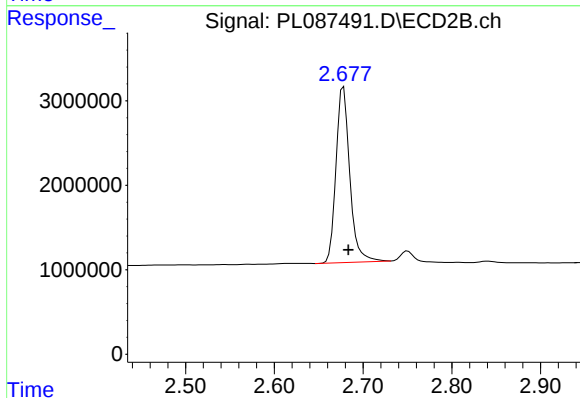




#1 Tetrachloro-m-xylene

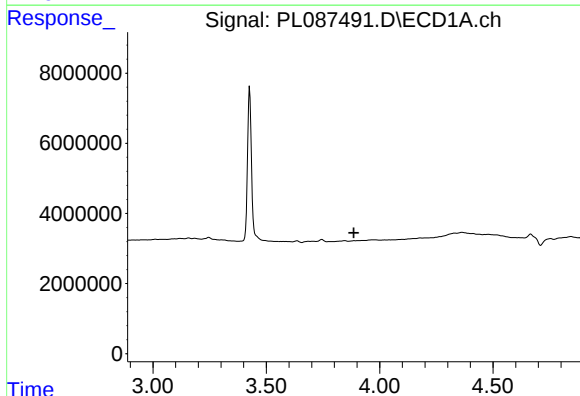
R.T.: 3.426 min  
Delta R.T.: -0.003 min  
Response: 54253204  
Conc: 14.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



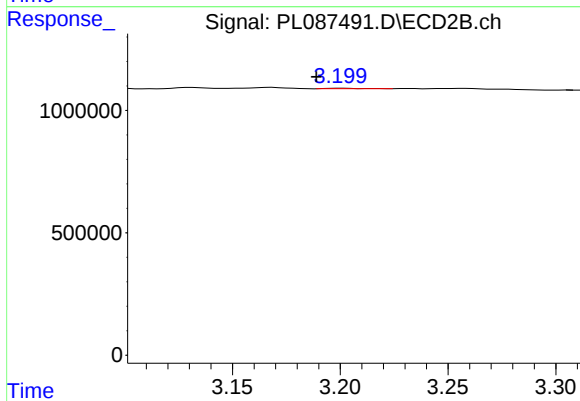
#1 Tetrachloro-m-xylene

R.T.: 2.678 min  
Delta R.T.: -0.005 min  
Response: 22451990  
Conc: 13.34 ng/ml



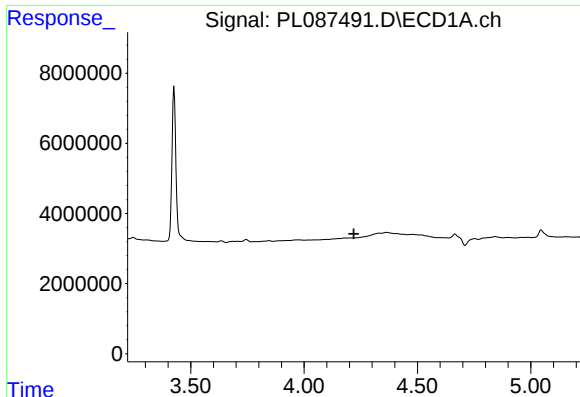
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.885 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

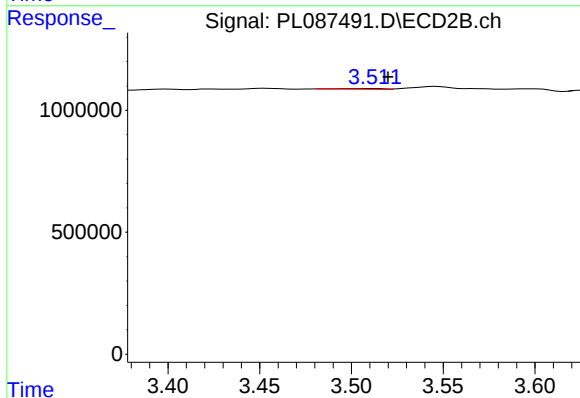
R.T.: 3.200 min  
Delta R.T.: 0.011 min  
Response: 17639  
Conc: 0.01 ng/ml



#3 gamma-BHC (Lindane)

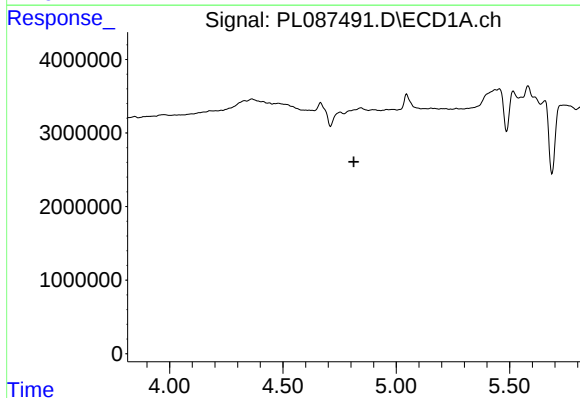
R.T.: 0.000 min  
Exp R.T.: 4.220 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



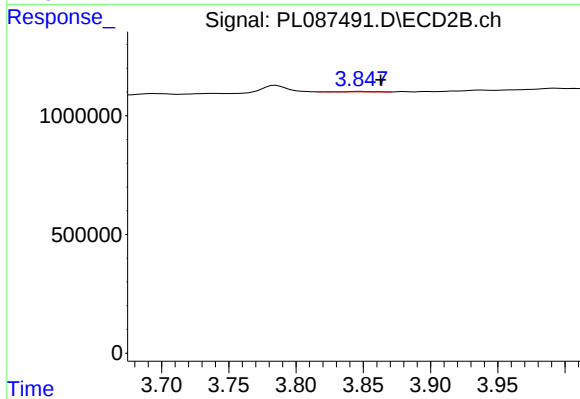
#3 gamma-BHC (Lindane)

R.T.: 3.512 min  
Delta R.T.: -0.007 min  
Response: 47562  
Conc: 0.02 ng/ml



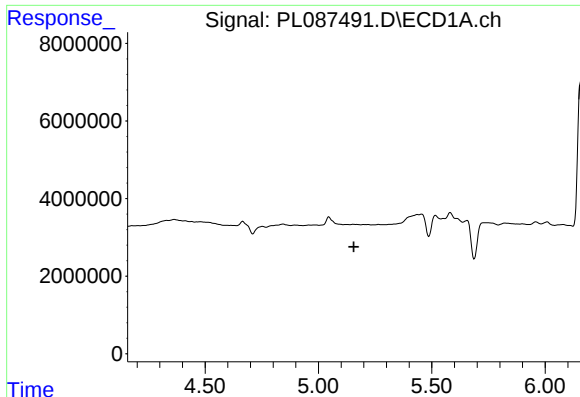
#4 Heptachlor

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



#4 Heptachlor

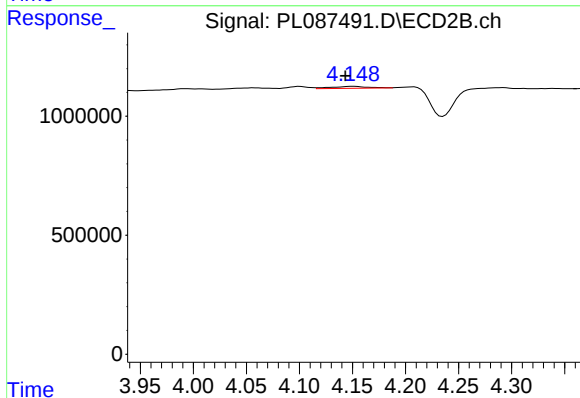
R.T.: 3.848 min  
Delta R.T.: -0.015 min  
Response: 20427  
Conc: 0.01 ng/ml



#5 Aldrin

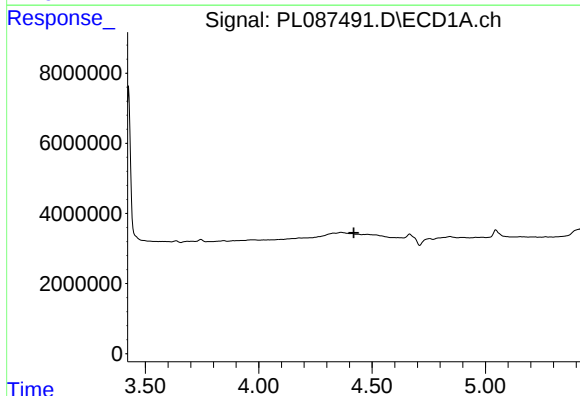
R.T.: 0.000 min  
Exp R.T.: 5.156 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



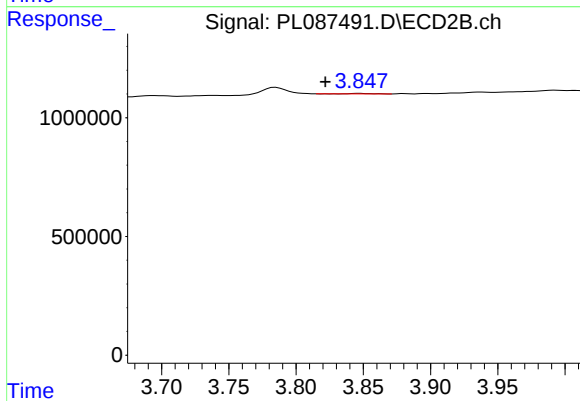
#5 Aldrin

R.T.: 4.150 min  
Delta R.T.: 0.006 min  
Response: 204488  
Conc: 0.09 ng/ml



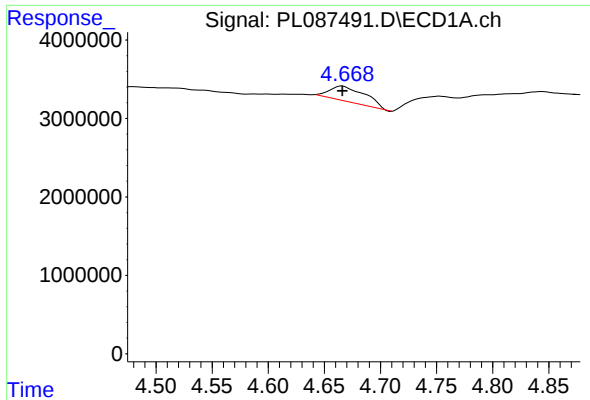
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.420 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

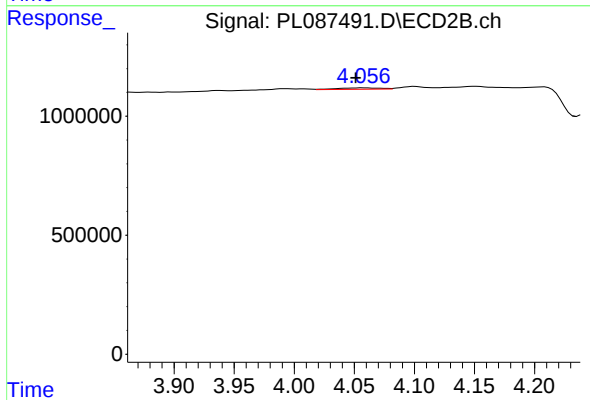
R.T.: 3.848 min  
Delta R.T.: 0.026 min  
Response: 20427  
Conc: 0.02 ng/ml



#7 delta-BHC

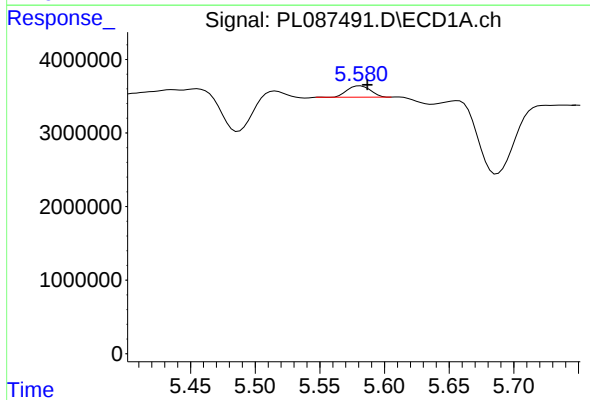
R.T.: 4.666 min  
Delta R.T.: 0.000 min  
Response: 4345422  
Conc: 0.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



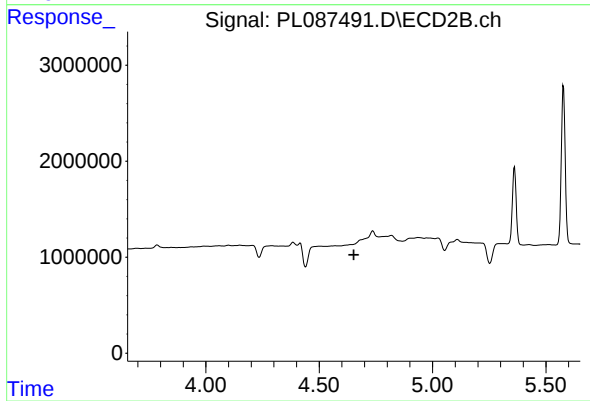
#7 delta-BHC

R.T.: 4.057 min  
Delta R.T.: 0.006 min  
Response: 159123  
Conc: 0.07 ng/ml



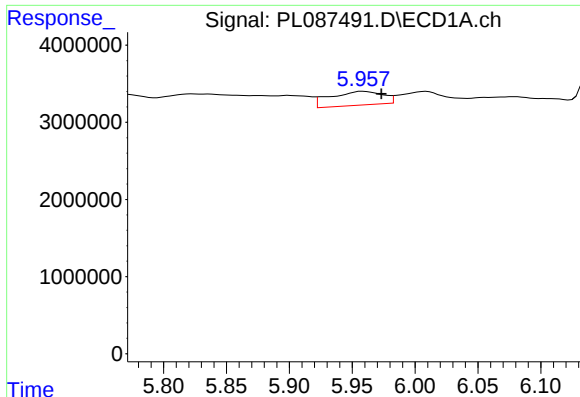
#8 Heptachlor epoxide

R.T.: 5.581 min  
Delta R.T.: -0.006 min  
Response: 1954323  
Conc: 0.41 ng/ml



#8 Heptachlor epoxide

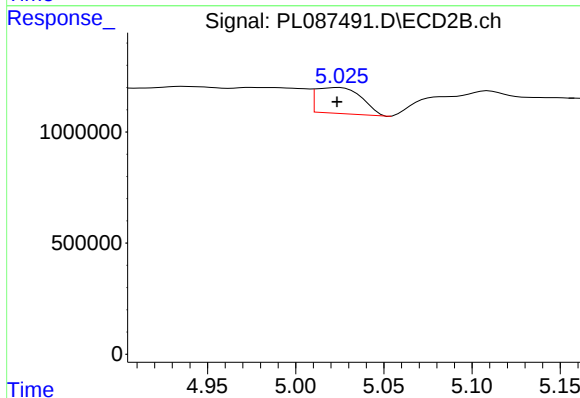
R.T.: 0.000 min  
Exp R.T. : 4.652 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

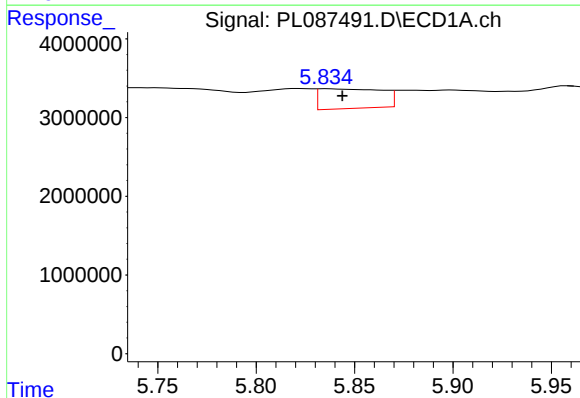
R.T.: 5.958 min  
Delta R.T.: -0.015 min  
Response: 5188322  
Conc: 1.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



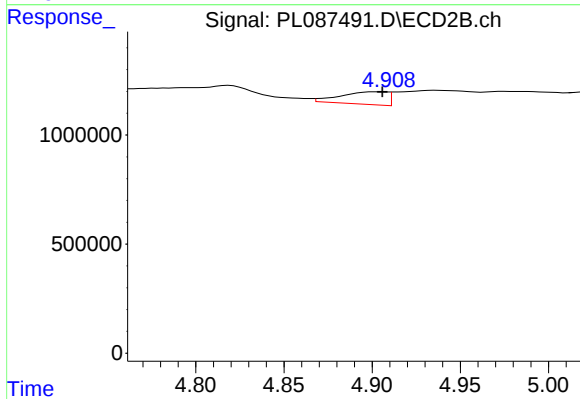
#9 Endosulfan I

R.T.: 5.024 min  
Delta R.T.: 0.001 min  
Response: 2101553  
Conc: 0.97 ng/ml



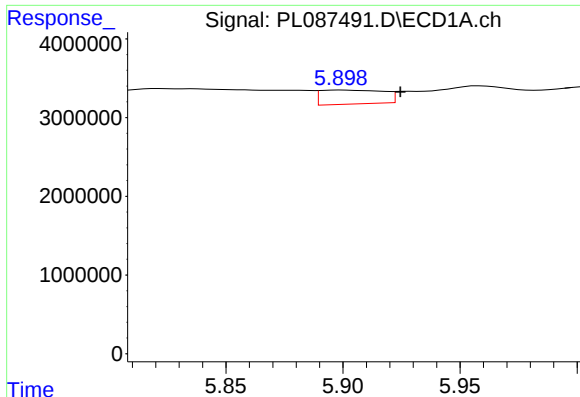
#10 gamma-Chlordane

R.T.: 5.835 min  
Delta R.T.: -0.008 min  
Response: 5551060  
Conc: 1.15 ng/ml



#10 gamma-Chlordane

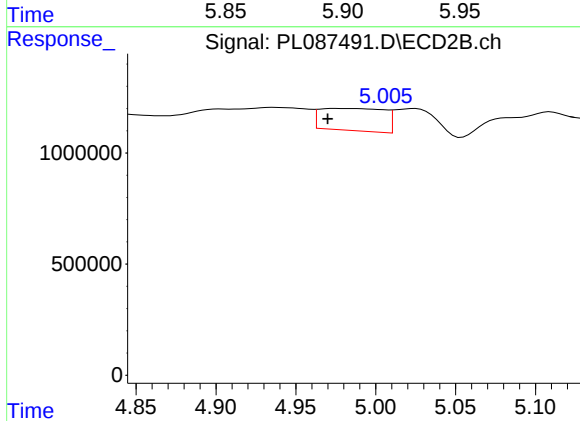
R.T.: 4.903 min  
Delta R.T.: -0.003 min  
Response: 1068992  
Conc: 0.47 ng/ml



#11 alpha-Chlordane

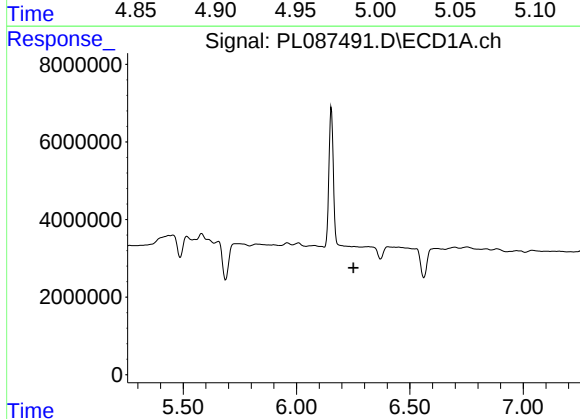
R.T.: 5.900 min  
Delta R.T.: -0.025 min  
Response: 3325656  
Conc: 0.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



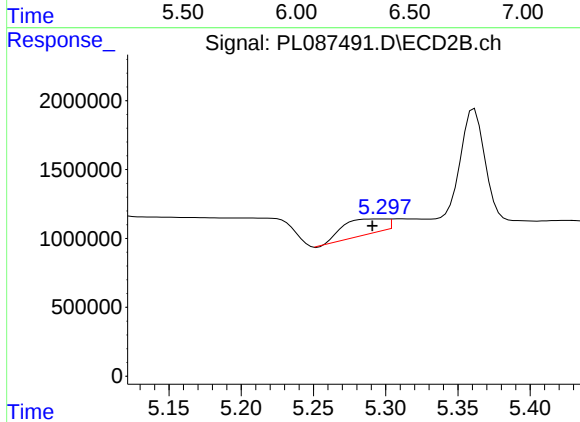
#11 alpha-Chlordane

R.T.: 4.975 min  
Delta R.T.: 0.005 min  
Response: 2792720  
Conc: 1.21 ng/ml



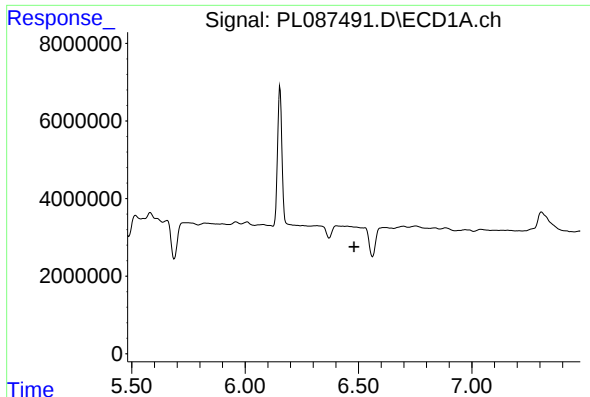
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.251 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

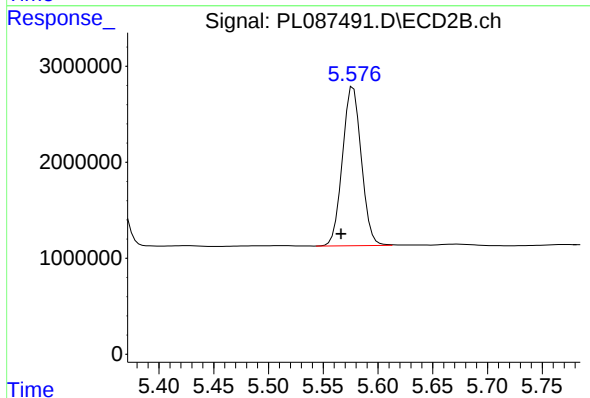
R.T.: 5.298 min  
Delta R.T.: 0.008 min  
Response: 2304215  
Conc: 1.03 ng/ml



#14 Endrin

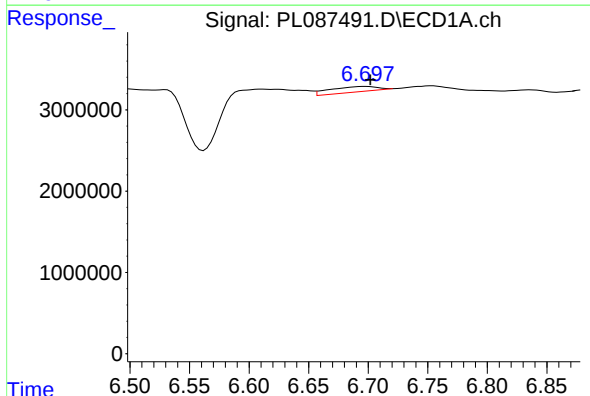
R.T.: 0.000 min  
Exp R.T.: 6.480 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



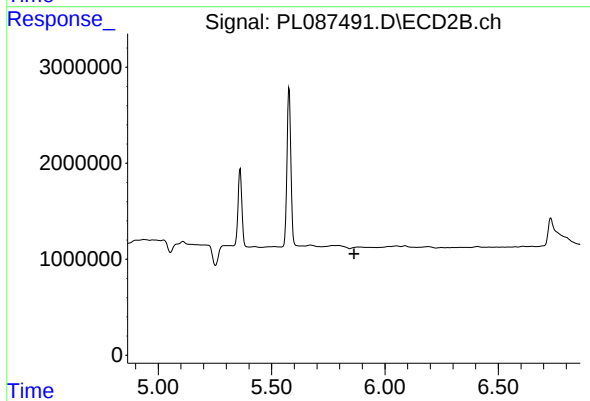
#14 Endrin

R.T.: 5.577 min  
Delta R.T.: 0.011 min  
Response: 19854721  
Conc: 9.95 ng/ml



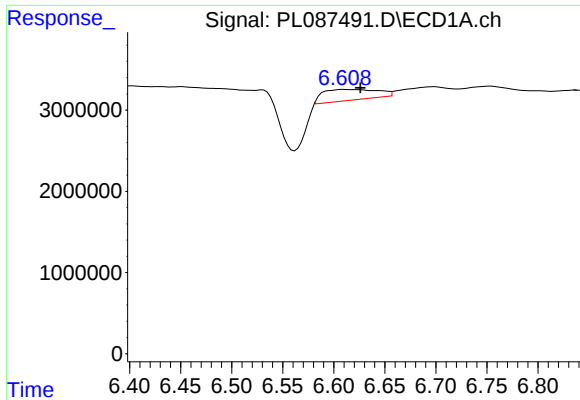
#15 Endosulfan II

R.T.: 6.699 min  
Delta R.T.: -0.003 min  
Response: 1863808  
Conc: 0.46 ng/ml



#15 Endosulfan II

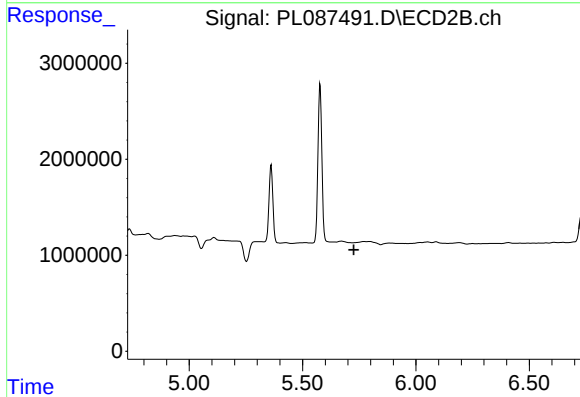
R.T.: 5.883 min  
Delta R.T.: 0.019 min  
Response: -283866  
Conc: N.D.



#16 4,4'-DDD

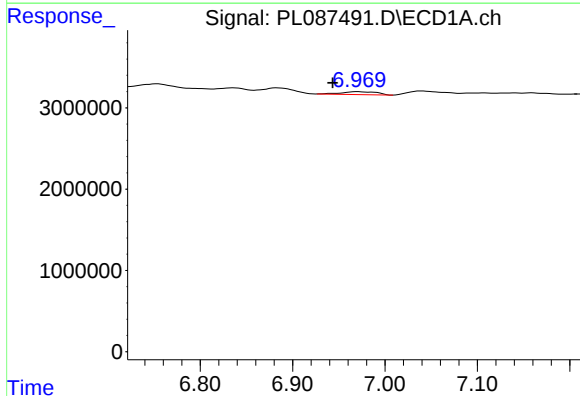
R.T.: 6.610 min  
Delta R.T.: -0.016 min  
Response: 4919253  
Conc: 1.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



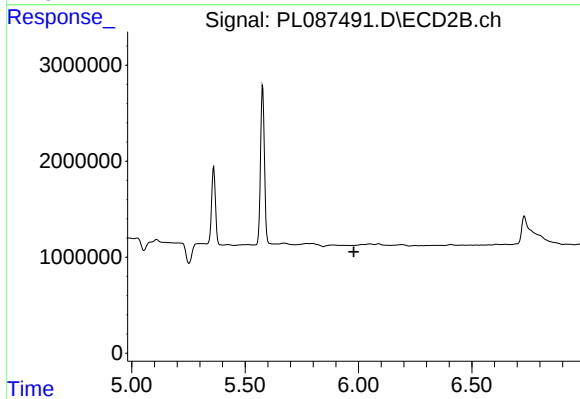
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.727 min  
Response: 0  
Conc: N.D.



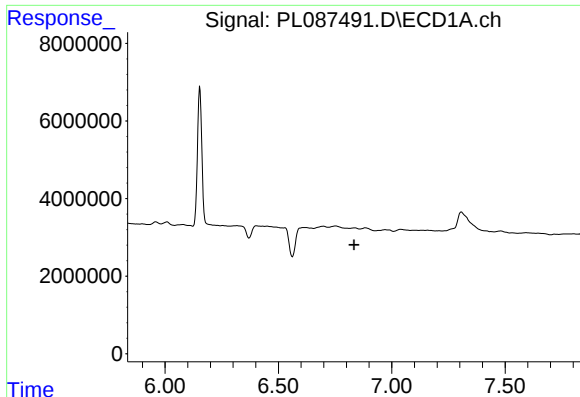
#17 4,4'-DDT

R.T.: 6.971 min  
Delta R.T.: 0.027 min  
Response: 958288  
Conc: 0.25 ng/ml



#17 4,4'-DDT

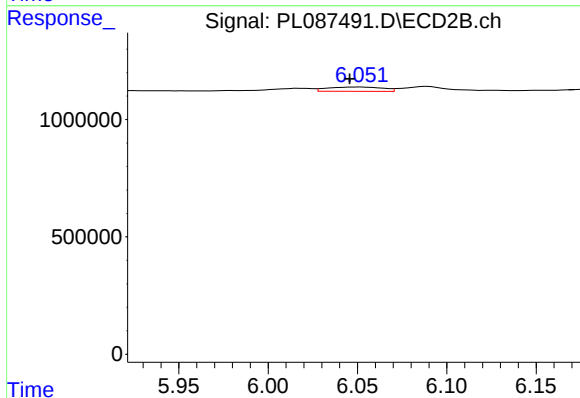
R.T.: 0.000 min  
Exp R.T. : 5.980 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

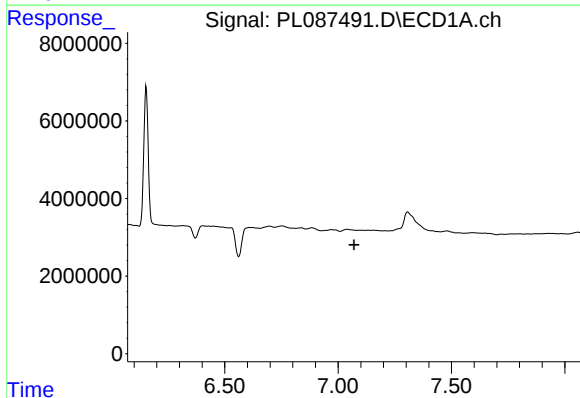
R.T.: 0.000 min  
Exp R.T. : 6.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



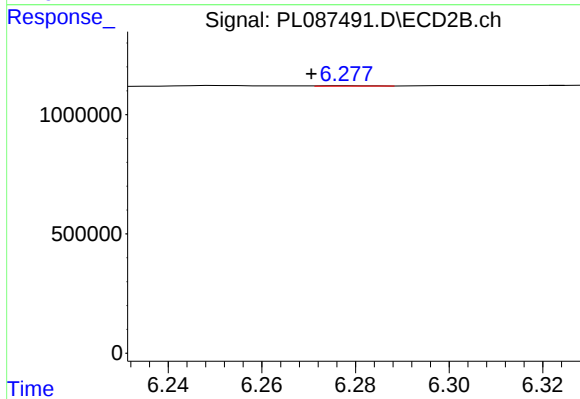
#18 Endrin aldehyde

R.T.: 6.052 min  
Delta R.T.: 0.006 min  
Response: 398601  
Conc: 0.27 ng/ml



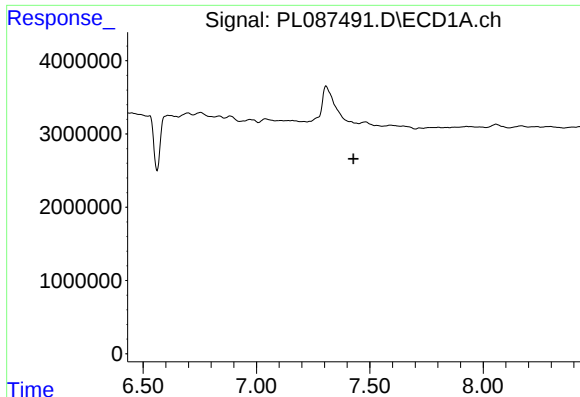
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.070 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

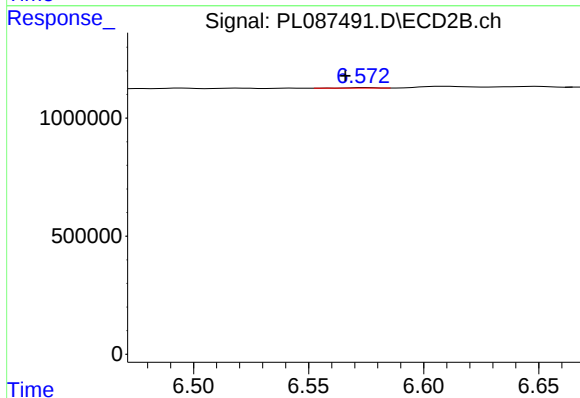
R.T.: 6.279 min  
Delta R.T.: 0.008 min  
Response: 11129  
Conc: 0.01 ng/ml



#20 Methoxychlor

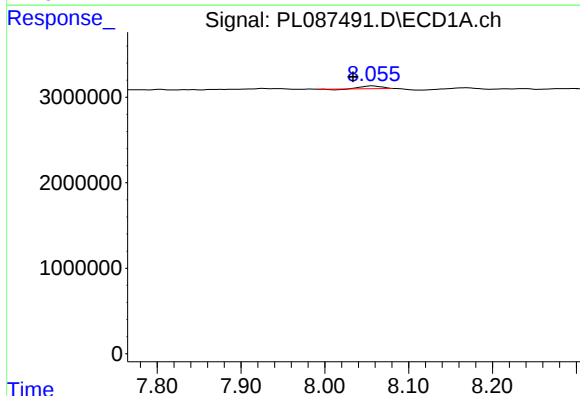
R.T.: 0.000 min  
Exp R.T.: 7.428 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



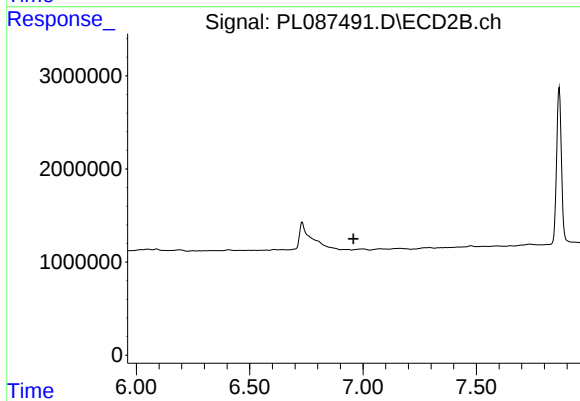
#20 Methoxychlor

R.T.: 6.574 min  
Delta R.T.: 0.008 min  
Response: 16059  
Conc: 0.02 ng/ml



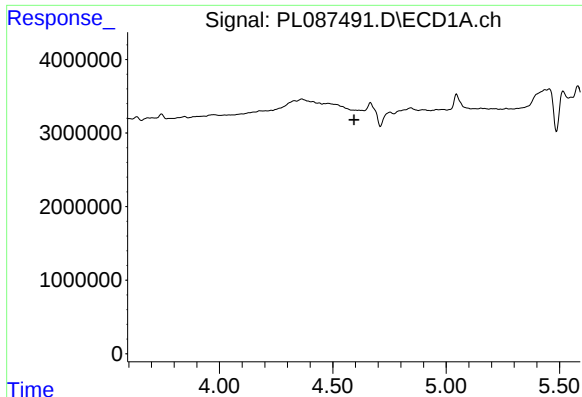
#22 Mirex

R.T.: 8.057 min  
Delta R.T.: 0.023 min  
Response: 466681  
Conc: 0.14 ng/ml



#22 Mirex

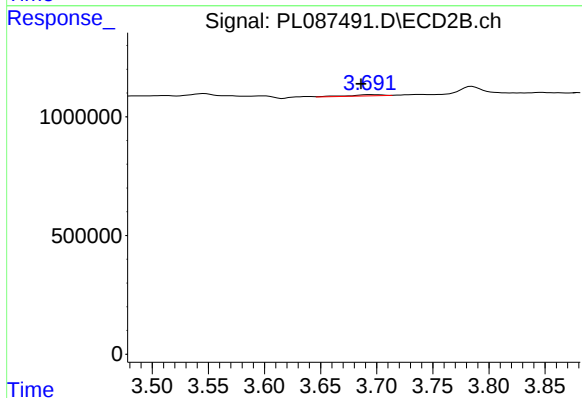
R.T.: 0.000 min  
Exp R.T.: 6.958 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

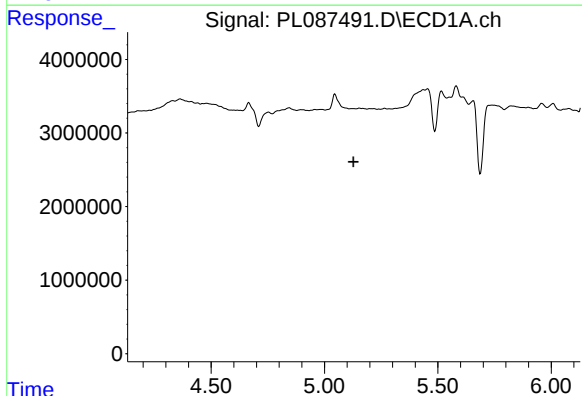
R.T.: 0.000 min  
Exp R.T.: 4.594 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



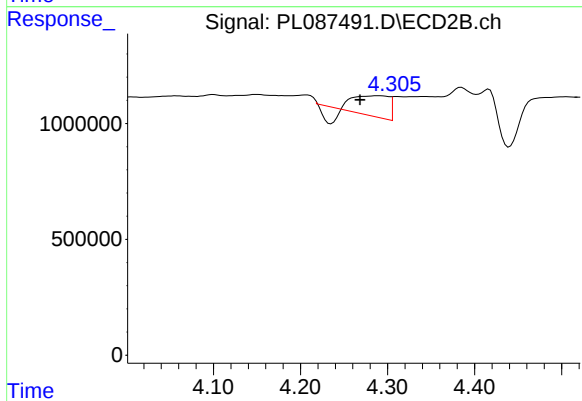
#23 Chlordane-1

R.T.: 3.694 min  
Delta R.T.: 0.008 min  
Response: 103387  
Conc: 1.67 ng/ml



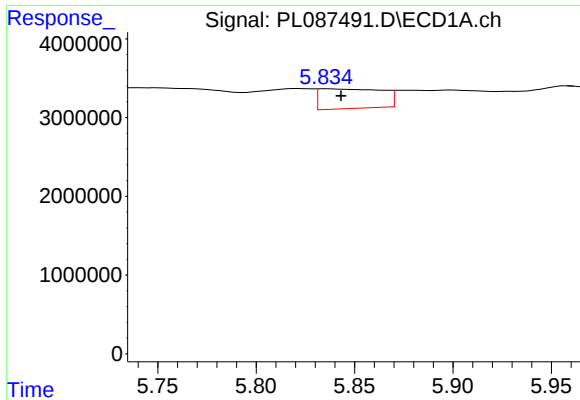
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.128 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

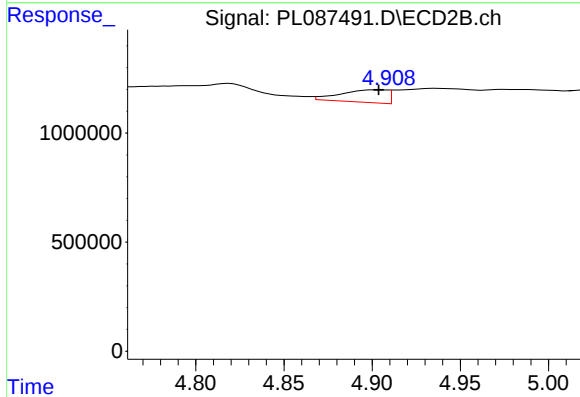
R.T.: 4.292 min  
Delta R.T.: 0.024 min  
Response: 2010961  
Conc: 26.19 ng/ml



#25 Chlordane-3

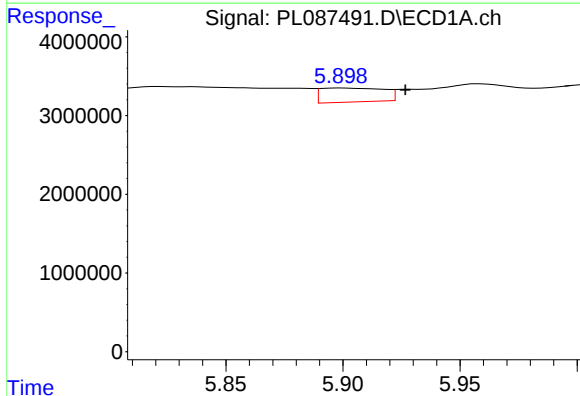
R.T.: 5.835 min  
Delta R.T.: -0.008 min  
Response: 5551060  
Conc: 7.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



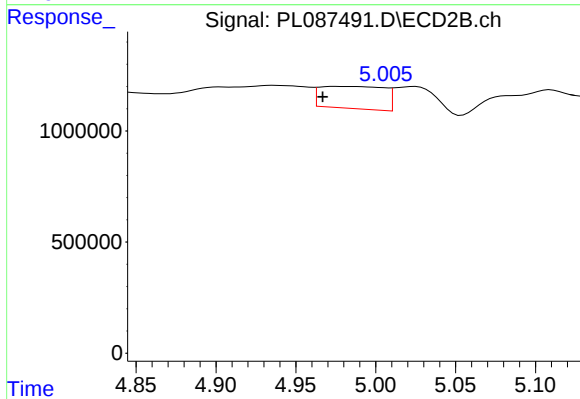
#25 Chlordane-3

R.T.: 4.903 min  
Delta R.T.: 0.000 min  
Response: 1068992  
Conc: 4.84 ng/ml



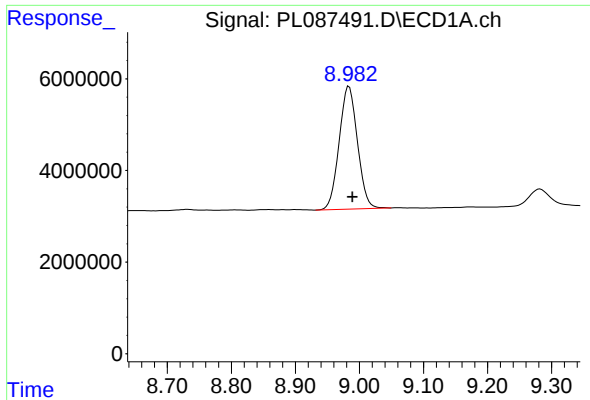
#26 Chlordane-4

R.T.: 5.900 min  
Delta R.T.: -0.027 min  
Response: 3325656  
Conc: 3.89 ng/ml



#26 Chlordane-4

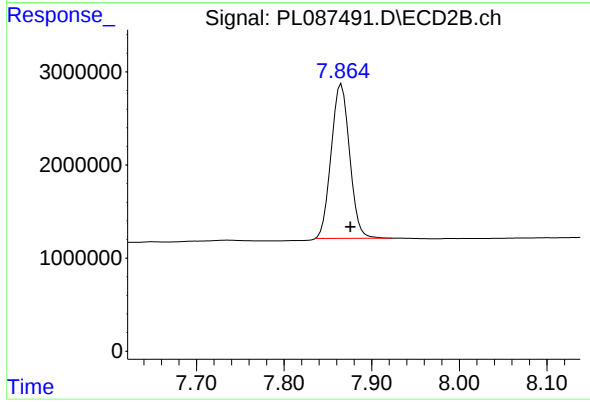
R.T.: 4.975 min  
Delta R.T.: 0.008 min  
Response: 2792720  
Conc: 12.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.984 min  
Delta R.T.: -0.005 min  
Response: 53110499  
Conc: 15.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.865 min  
Delta R.T.: -0.010 min  
Response: 24273027  
Conc: 14.37 ng/ml