

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032924\  
 Data File : PL088828.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Mar 2024 09:12  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 30 00:33:48 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... | 3.635  | 2.852  | 63929940 | 33052188 | 24.125  | 24.800  |
| 28)                         | SA Decachlor... | 9.305  | 8.081  | 55758259 | 34939676 | 22.557  | 25.768  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.099  | 3.366  | 44912128 | 22432205 | 11.251  | 11.163  |
| 3)                          | MA gamma-BHC... | 4.438  | 3.703  | 43952966 | 22037130 | 11.333  | 11.483  |
| 4)                          | MA Heptachlor   | 0.000  | 4.052  | 0        | 52825    | N.D.    | 0.029 # |
| 5)                          | MB Aldrin       | 0.000  | 4.346  | 0        | 608563   | N.D.    | 0.337 # |
| 6)                          | B beta-BHC      | 4.635  | 4.004  | 21360252 | 11278330 | 12.045  | 13.157  |
| 7)                          | B delta-BHC     | 0.000  | 4.239  | 0        | 405794   | N.D.    | 0.212 # |
| 8)                          | B Heptachlo...  | 5.811  | 0.000  | 9719190  | 0        | 2.829   | N.D. #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.214  | 0        | 233521   | N.D.    | 0.155 # |
| 10)                         | B gamma-Chl...  | 6.094f | 5.127f | 5428934  | 695687   | 1.630   | 0.420 # |
| 11)                         | B alpha-Chl...  | 6.153  | 5.169  | 941225   | 453894   | 0.283   | 0.273   |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.359  | 0        | 183644   | N.D.    | 0.126 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.490  | 0        | 172672   | N.D.    | 0.106 # |
| 14)                         | MA Endrin       | 6.720  | 5.771  | 159.3E6  | 92931025 | 58.266  | 64.471  |
| 15)                         | B Endosulfa...  | 6.956f | 6.086f | 4816397  | 516180   | 1.682   | 0.359 # |
| 16)                         | A 4,4'-DDD      | 6.854  | 5.922  | 6377455  | 1151628  | 2.504   | 0.925 # |
| 17)                         | MA 4,4'-DDT     | 7.173  | 6.176  | 318.2E6  | 198.8E6  | 119.377 | 148.111 |
| 18)                         | B Endrin al...  | 7.071  | 6.251  | 3544630  | 2866407  | 1.698   | 2.735 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.465  | 0        | 53562    | N.D.    | 0.039 # |
| 20)                         | A Methoxychlor  | 7.654  | 6.759  | 415.9E6  | 251.7E6  | 276.087 | 313.846 |
| 21)                         | B Endrin ke...  | 7.800  | 6.988  | 7456232  | 3493875  | 2.522   | 2.117   |
| 22)                         | Mirex           | 0.000  | 7.191  | 0        | 390619   | N.D.    | 0.290 # |
| 23)                         | Chlordane-1     | 0.000  | 3.879  | 0        | 29115    | N.D.    | 0.600 # |
| 24)                         | Chlordane-2     | 0.000  | 4.462  | 0        | 224051   | N.D.    | 3.690 # |
| 25)                         | Chlordane-3     | 6.094  | 5.127f | 5428934  | 695687   | 10.918  | 4.076 # |
| 26)                         | Chlordane-4     | 6.153  | 5.169  | 941225   | 453894   | 1.569   | 2.845 # |
| 27)                         | Chlordane-5     | 7.011  | 5.852  | 494658   | 473187   | 4.680   | 9.330 # |
| -----                       |                 |        |        |          |          |         |         |

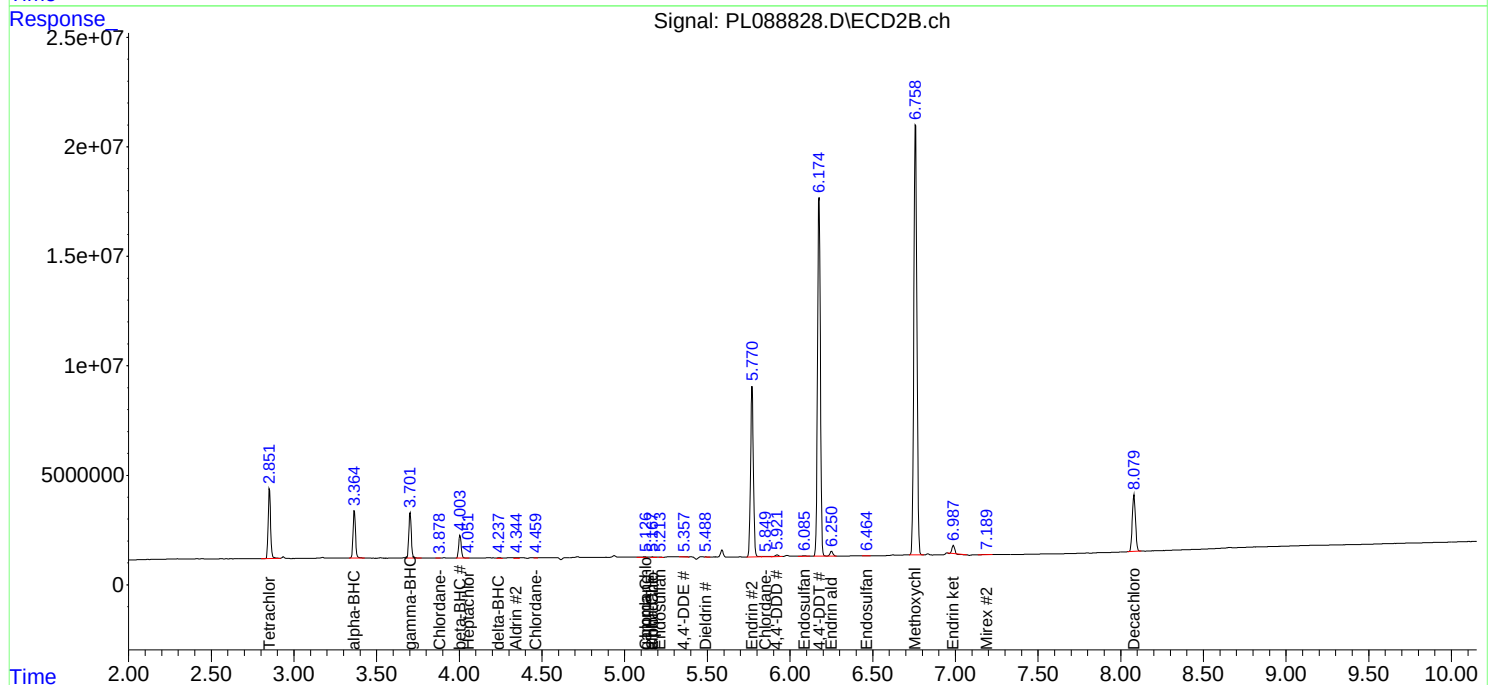
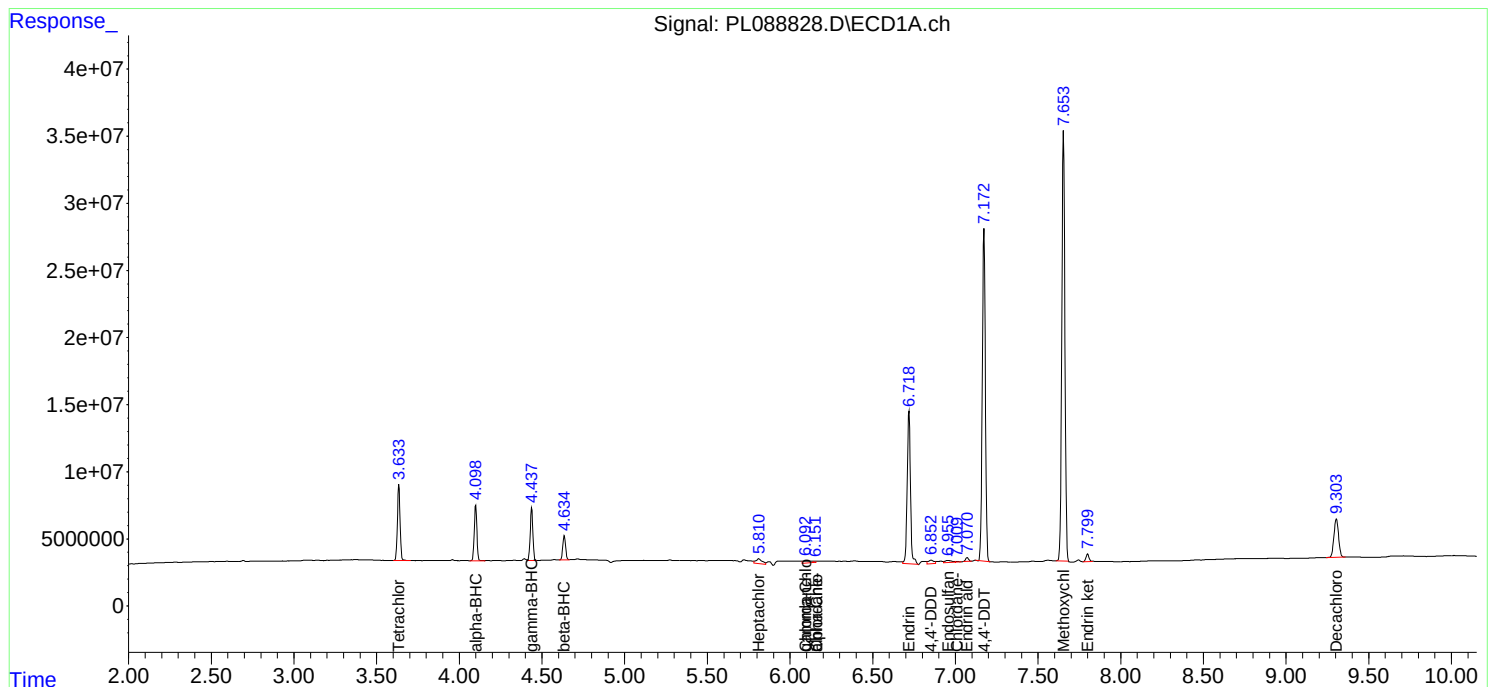
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

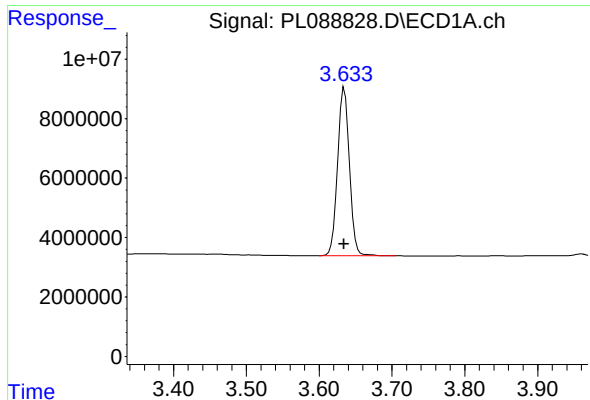
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032924\  
Data File : PL088828.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Mar 2024 09:12  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 30 00:33:48 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

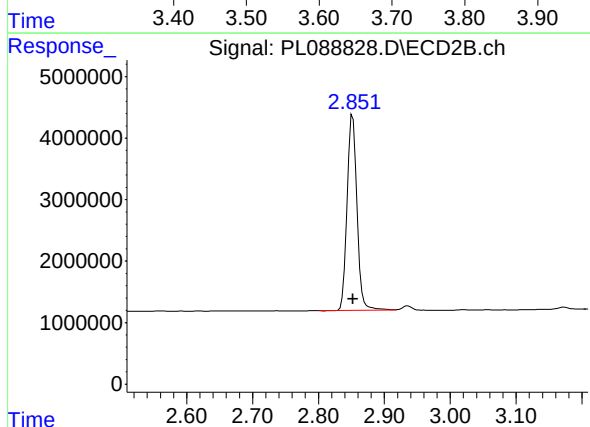




#1 Tetrachloro-m-xylene

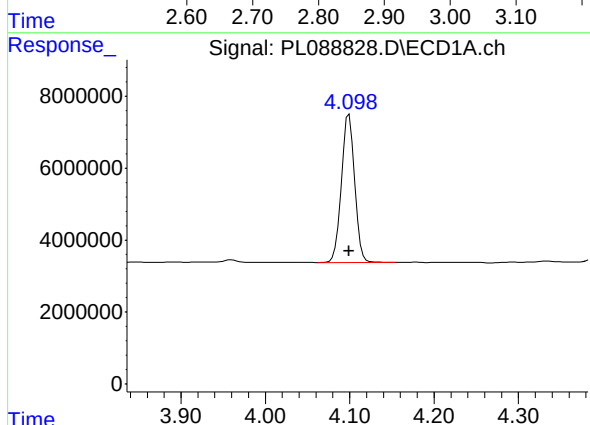
R.T.: 3.635 min  
Delta R.T.: 0.000 min  
Response: 63929940  
Conc: 24.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



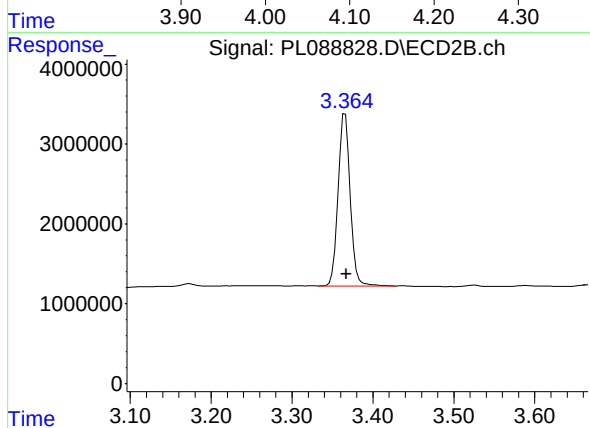
#1 Tetrachloro-m-xylene

R.T.: 2.852 min  
Delta R.T.: 0.000 min  
Response: 33052188  
Conc: 24.80 ng/ml



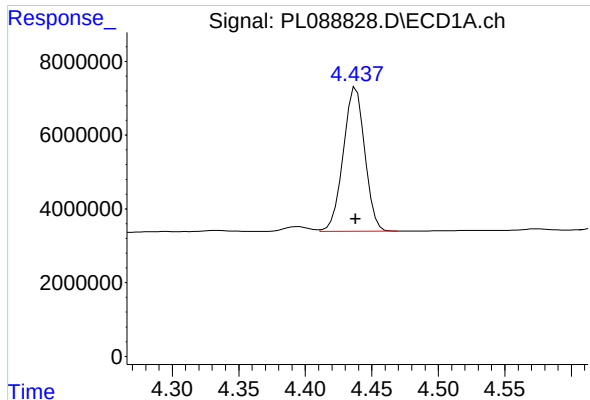
#2 alpha-BHC

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 44912128  
Conc: 11.25 ng/ml



#2 alpha-BHC

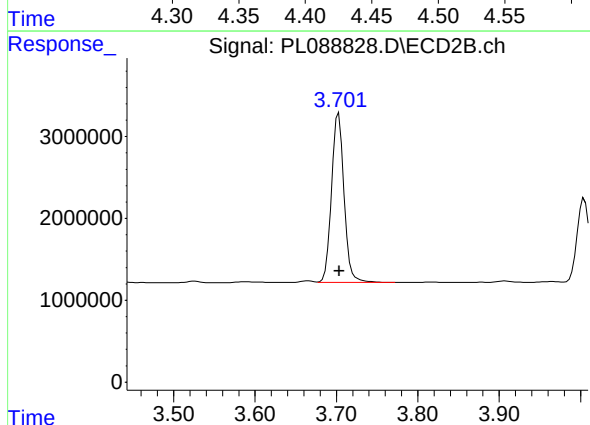
R.T.: 3.366 min  
Delta R.T.: -0.001 min  
Response: 22432205  
Conc: 11.16 ng/ml



#3 gamma-BHC (Lindane)

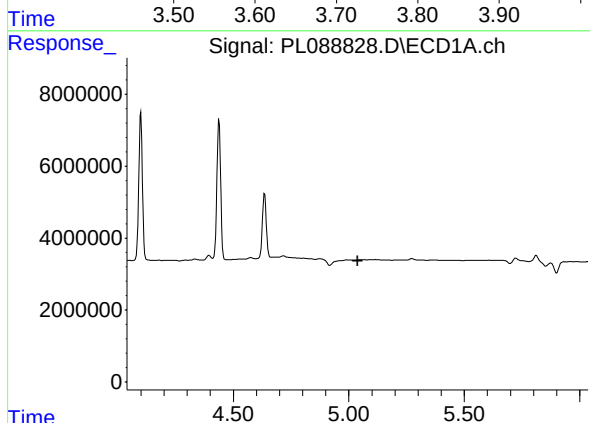
R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 43952966  
Conc: 11.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



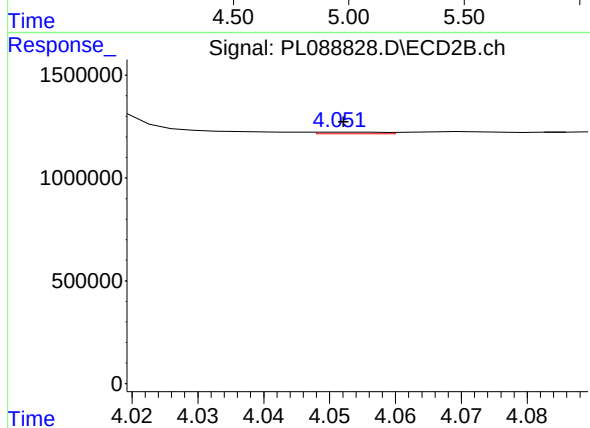
#3 gamma-BHC (Lindane)

R.T.: 3.703 min  
Delta R.T.: 0.000 min  
Response: 22037130  
Conc: 11.48 ng/ml



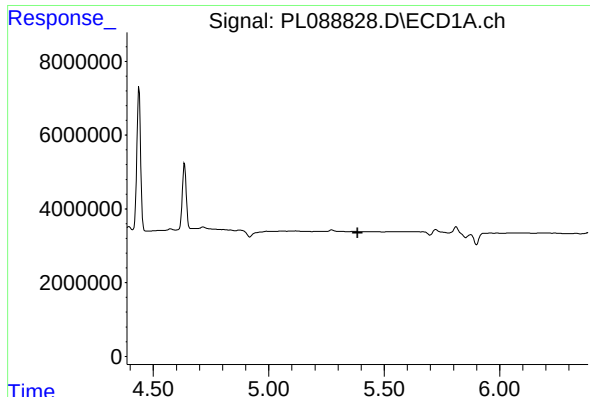
#4 Heptachlor

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



#4 Heptachlor

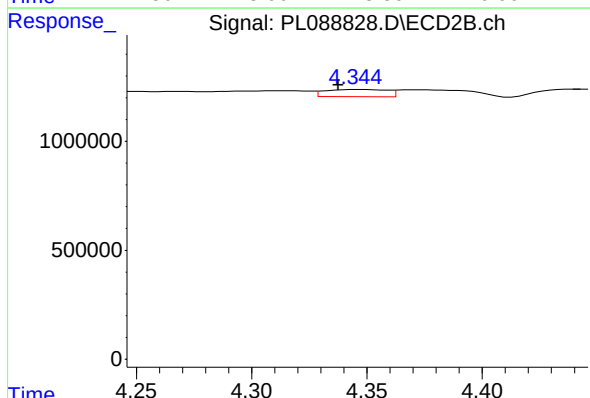
R.T.: 4.052 min  
Delta R.T.: 0.000 min  
Response: 52825  
Conc: 0.03 ng/ml



#5 Aldrin

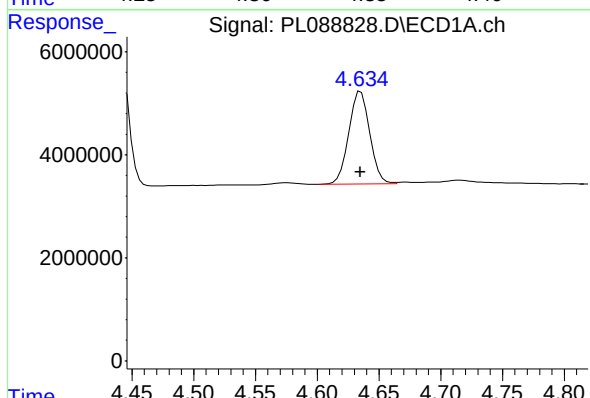
R.T.: 0.000 min  
Exp R.T.: 5.385 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



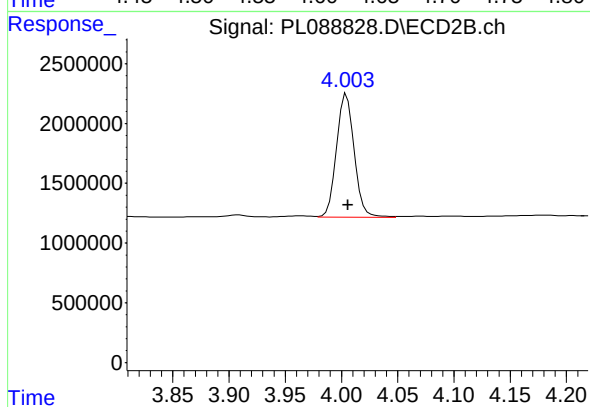
#5 Aldrin

R.T.: 4.346 min  
Delta R.T.: 0.008 min  
Response: 608563  
Conc: 0.34 ng/ml



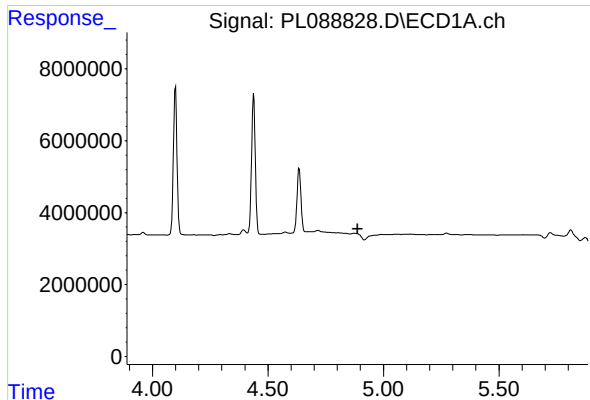
#6 beta-BHC

R.T.: 4.635 min  
Delta R.T.: 0.000 min  
Response: 21360252  
Conc: 12.04 ng/ml



#6 beta-BHC

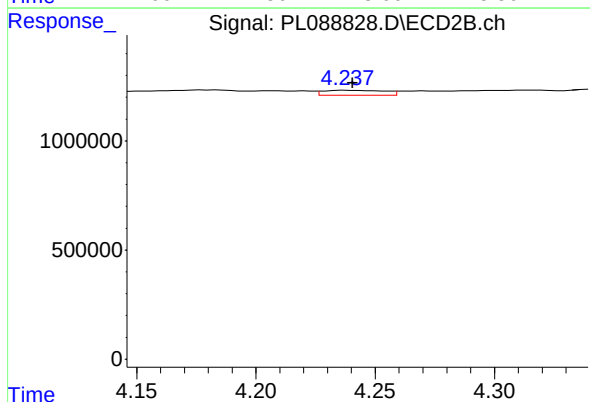
R.T.: 4.004 min  
Delta R.T.: -0.001 min  
Response: 11278330  
Conc: 13.16 ng/ml



#7 delta-BHC

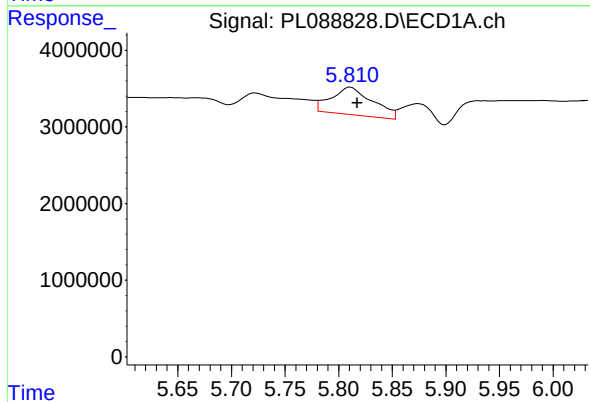
R.T.: 0.000 min  
Exp R.T.: 4.887 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



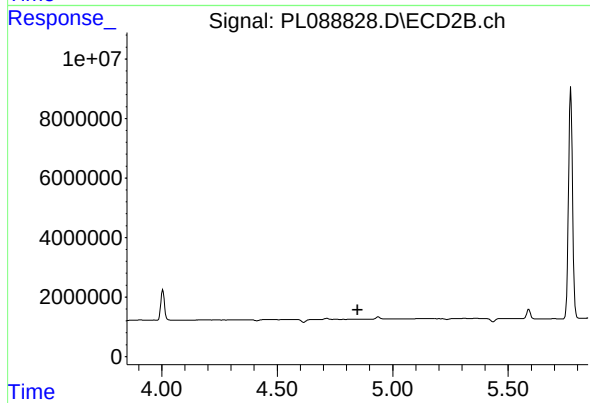
#7 delta-BHC

R.T.: 4.239 min  
Delta R.T.: -0.002 min  
Response: 405794  
Conc: 0.21 ng/ml



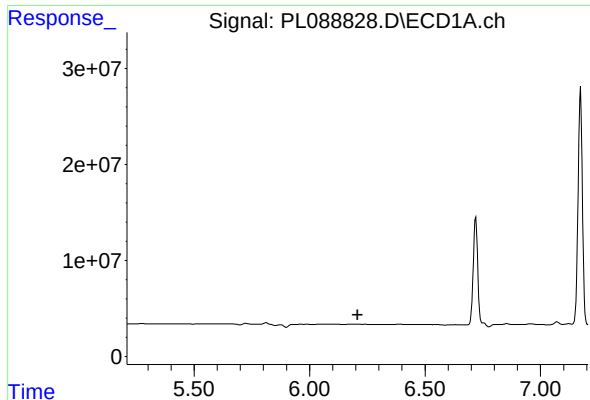
#8 Heptachlor epoxide

R.T.: 5.811 min  
Delta R.T.: -0.006 min  
Response: 9719190  
Conc: 2.83 ng/ml



#8 Heptachlor epoxide

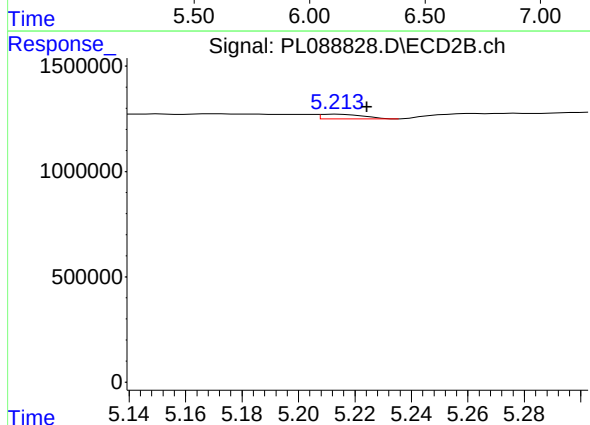
R.T.: 0.000 min  
Exp R.T.: 4.849 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

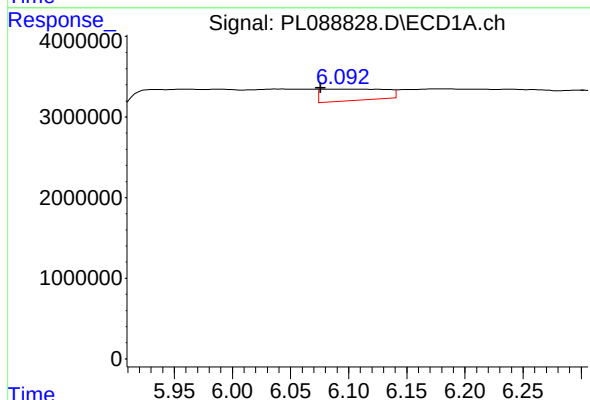
R.T.: 0.000 min  
Exp R.T.: 6.207 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



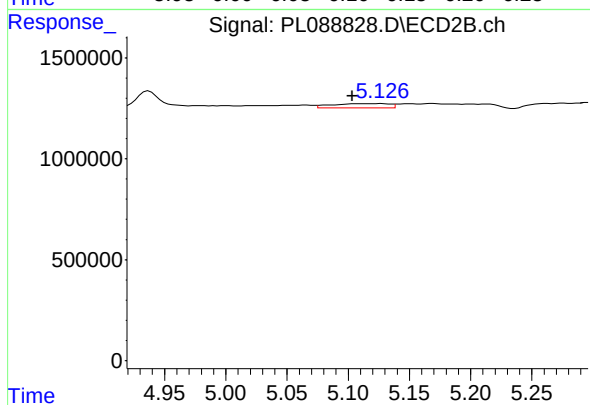
#9 Endosulfan I

R.T.: 5.214 min  
Delta R.T.: -0.010 min  
Response: 233521  
Conc: 0.16 ng/ml



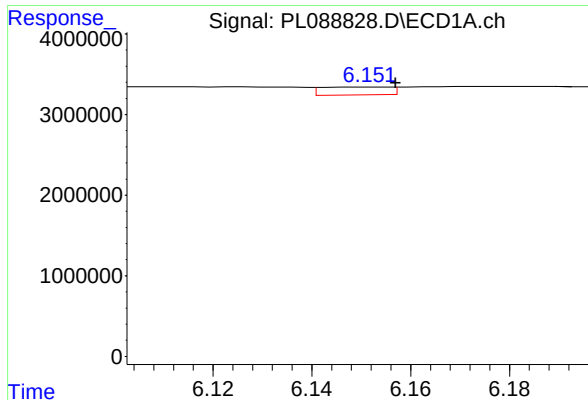
#10 gamma-Chlordane

R.T.: 6.094 min  
Delta R.T.: 0.018 min  
Response: 5428934  
Conc: 1.63 ng/ml



#10 gamma-Chlordane

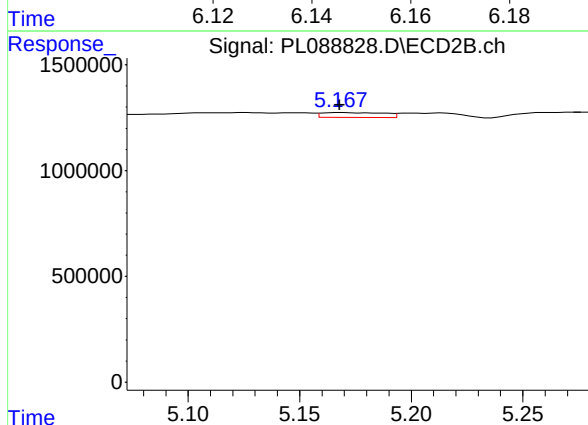
R.T.: 5.127 min  
Delta R.T.: 0.024 min  
Response: 695687  
Conc: 0.42 ng/ml



#11 alpha-Chlordane

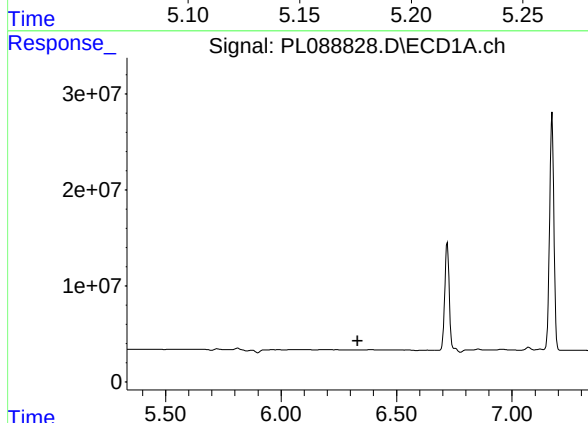
R.T.: 6.153 min  
Delta R.T.: -0.004 min  
Response: 941225  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



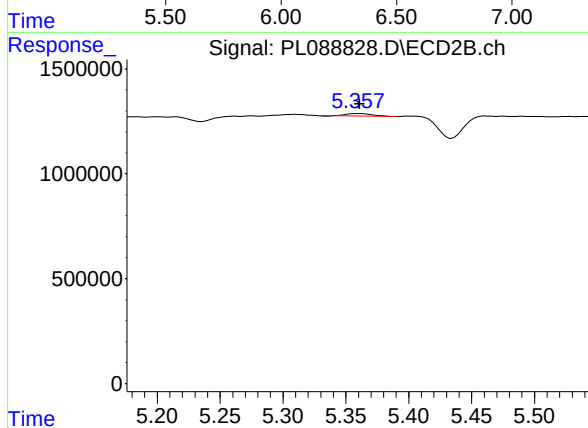
#11 alpha-Chlordane

R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 453894  
Conc: 0.27 ng/ml



#12 4,4'-DDE

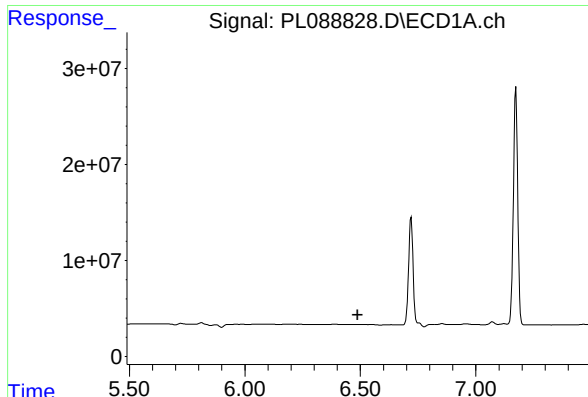
R.T.: 0.000 min  
Exp R.T.: 6.332 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.359 min  
Delta R.T.: -0.002 min  
Response: 183644  
Conc: 0.13 ng/ml

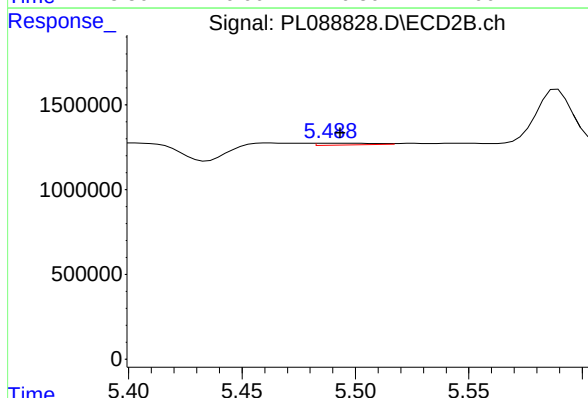




#13 Dieldrin

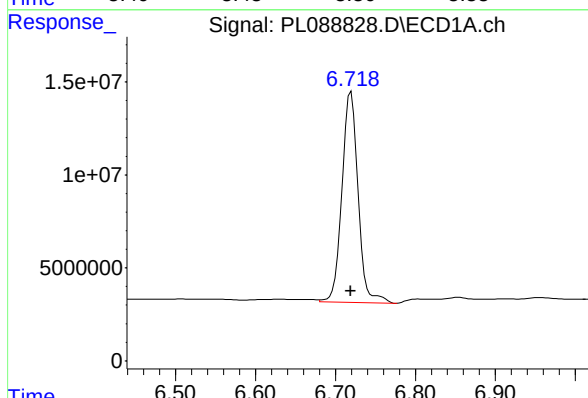
R.T.: 0.000 min  
Exp R.T.: 6.487 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



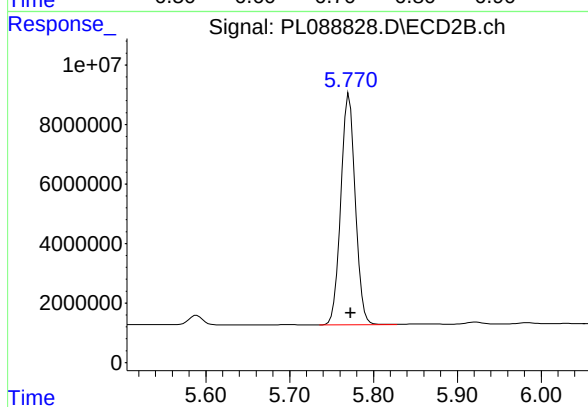
#13 Dieldrin

R.T.: 5.490 min  
Delta R.T.: -0.003 min  
Response: 172672  
Conc: 0.11 ng/ml



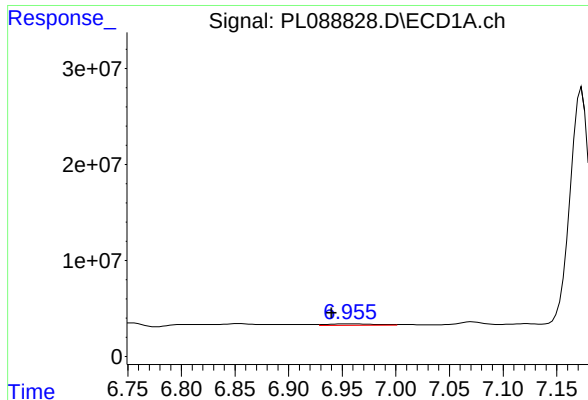
#14 Endrin

R.T.: 6.720 min  
Delta R.T.: 0.000 min  
Response: 159283075  
Conc: 58.27 ng/ml



#14 Endrin

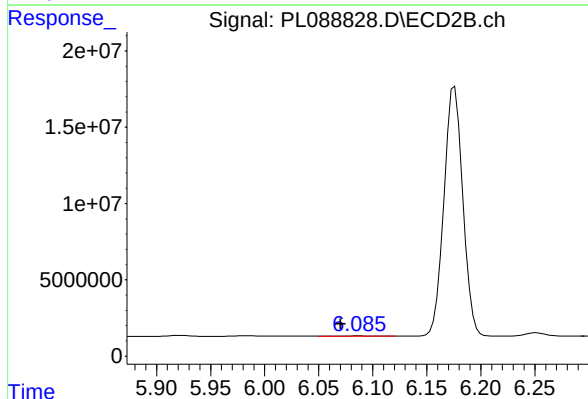
R.T.: 5.771 min  
Delta R.T.: -0.002 min  
Response: 92931025  
Conc: 64.47 ng/ml



#15 Endosulfan II

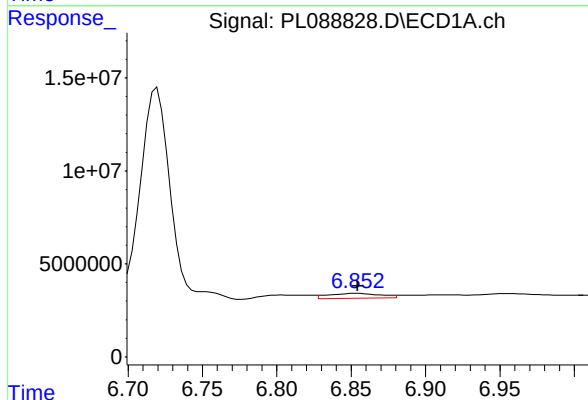
R.T.: 6.956 min  
Delta R.T.: 0.016 min  
Response: 4816397  
Conc: 1.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



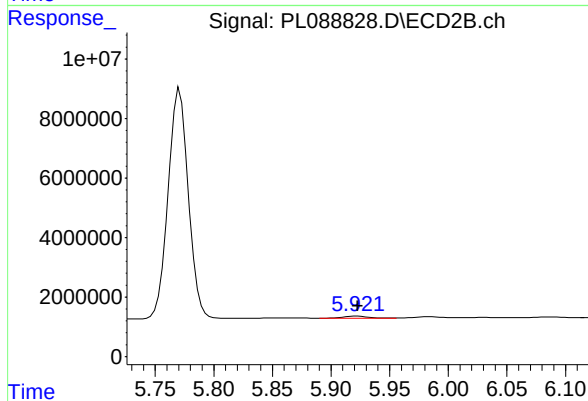
#15 Endosulfan II

R.T.: 6.086 min  
Delta R.T.: 0.016 min  
Response: 516180  
Conc: 0.36 ng/ml



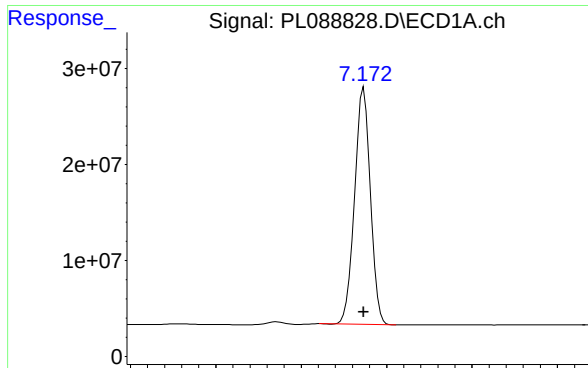
#16 4,4'-DDD

R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 6377455  
Conc: 2.50 ng/ml



#16 4,4'-DDD

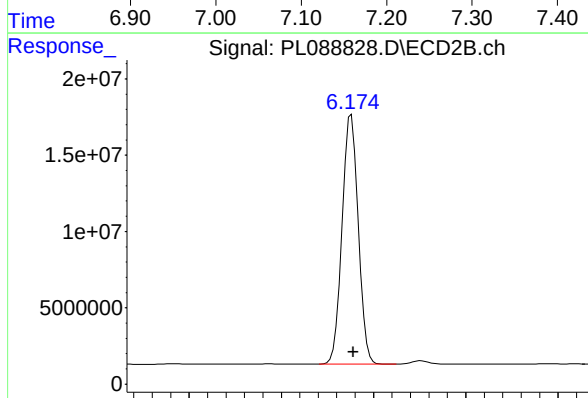
R.T.: 5.922 min  
Delta R.T.: 0.000 min  
Response: 1151628  
Conc: 0.92 ng/ml



#17 4,4'-DDT

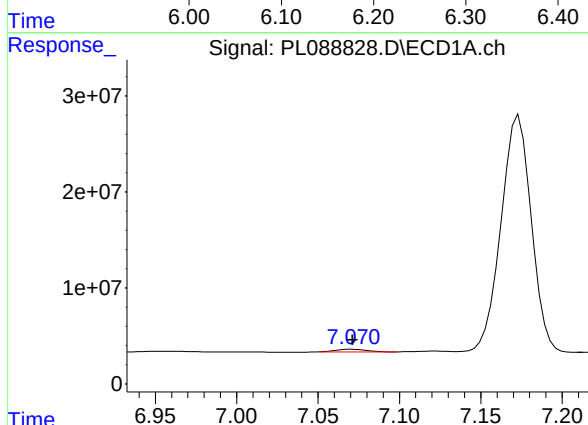
R.T.: 7.173 min  
Delta R.T.: 0.000 min  
Response: 318197099  
Conc: 119.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



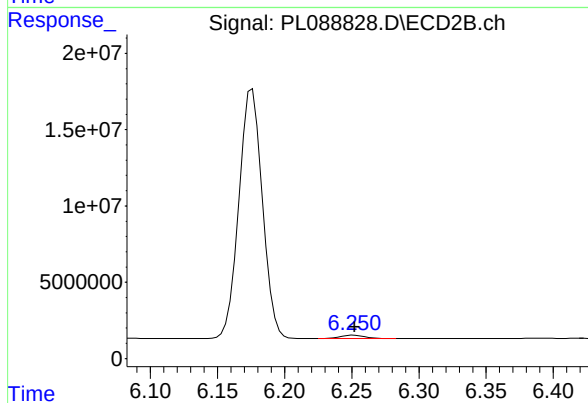
#17 4,4'-DDT

R.T.: 6.176 min  
Delta R.T.: -0.002 min  
Response: 198793274  
Conc: 148.11 ng/ml



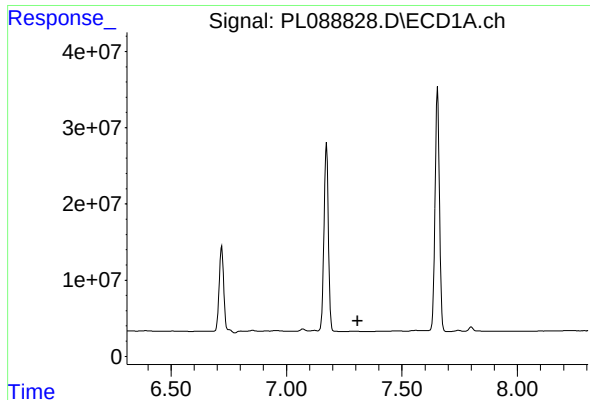
#18 Endrin aldehyde

R.T.: 7.071 min  
Delta R.T.: 0.000 min  
Response: 3544630  
Conc: 1.70 ng/ml



#18 Endrin aldehyde

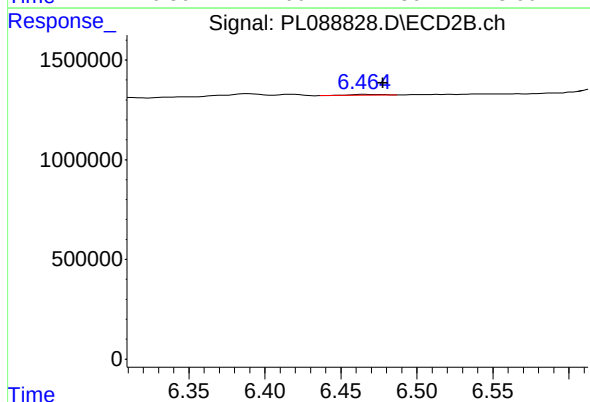
R.T.: 6.251 min  
Delta R.T.: 0.000 min  
Response: 2866407  
Conc: 2.74 ng/ml



#19 Endosulfan Sulfate

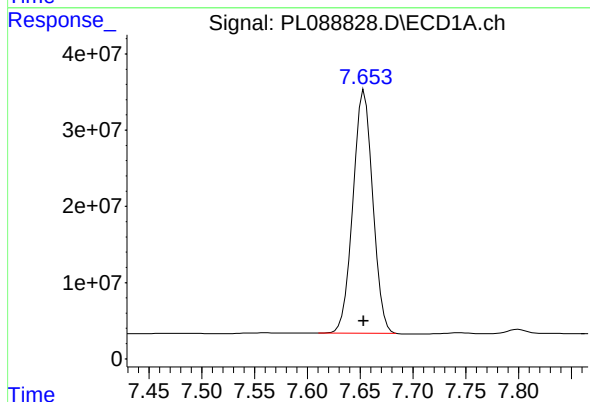
R.T.: 0.000 min  
Exp R.T.: 7.309 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



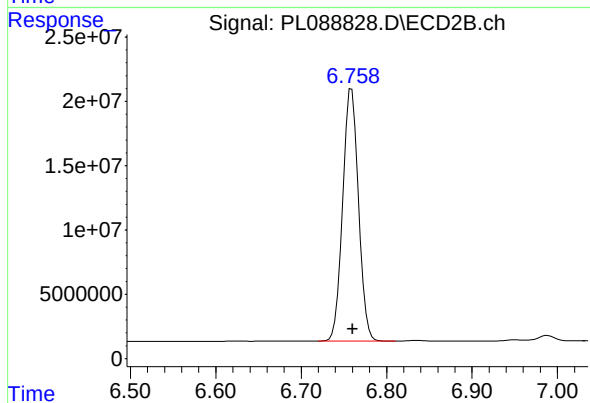
#19 Endosulfan Sulfate

R.T.: 6.465 min  
Delta R.T.: -0.013 min  
Response: 53562  
Conc: 0.04 ng/ml



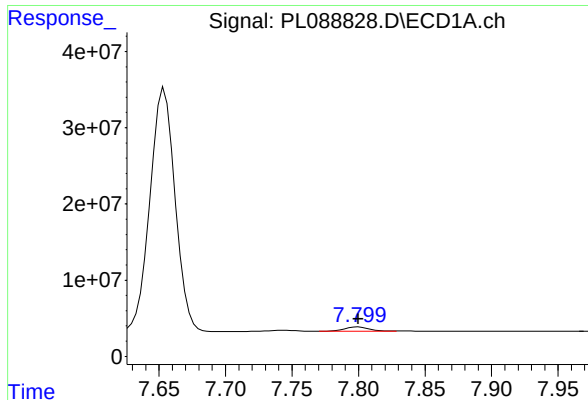
#20 Methoxychlor

R.T.: 7.654 min  
Delta R.T.: 0.000 min  
Response: 415929102  
Conc: 276.09 ng/ml



#20 Methoxychlor

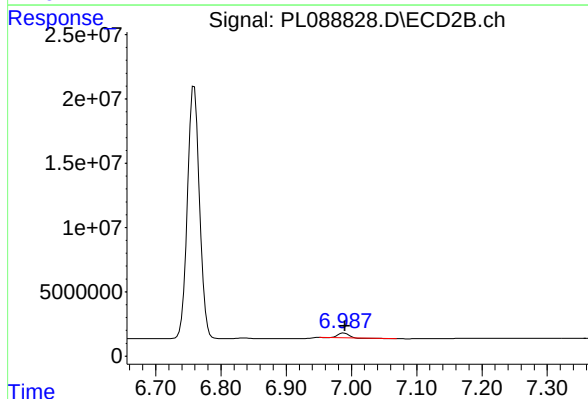
R.T.: 6.759 min  
Delta R.T.: -0.001 min  
Response: 251726937  
Conc: 313.85 ng/ml



#21 Endrin ketone

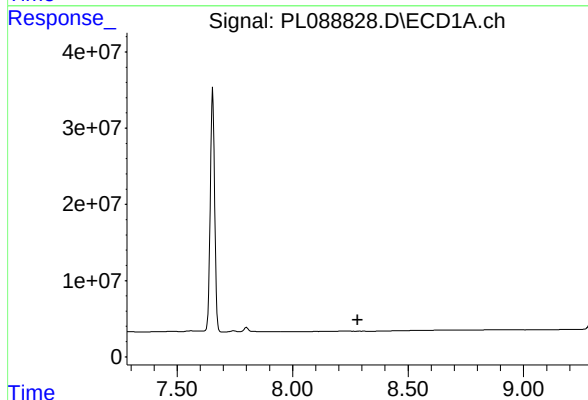
R.T.: 7.800 min  
Delta R.T.: 0.000 min  
Response: 7456232  
Conc: 2.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



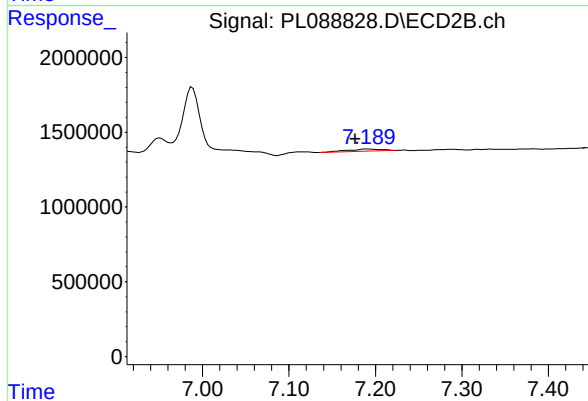
#21 Endrin ketone

R.T.: 6.988 min  
Delta R.T.: -0.002 min  
Response: 3493875  
Conc: 2.12 ng/ml



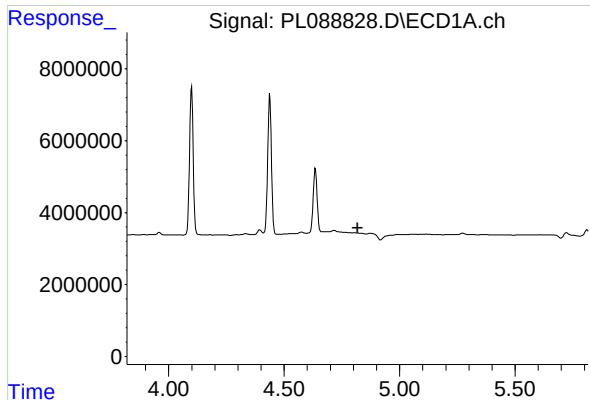
#22 Mirex

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



#22 Mirex

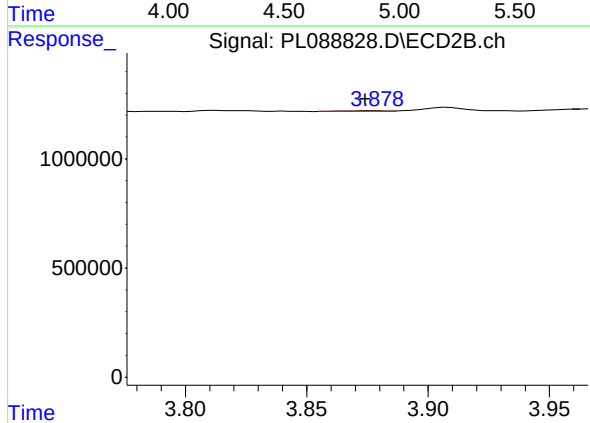
R.T.: 7.191 min  
Delta R.T.: 0.015 min  
Response: 390619  
Conc: 0.29 ng/ml



#23 Chlordane-1

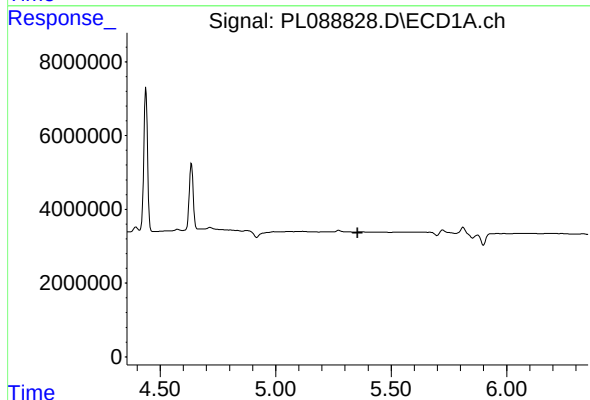
R.T.: 0.000 min  
Exp R.T.: 4.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



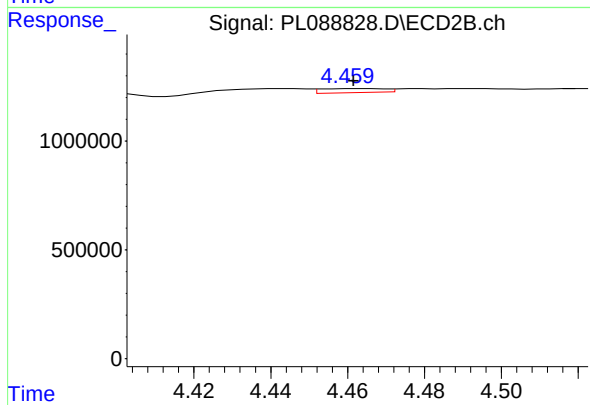
#23 Chlordane-1

R.T.: 3.879 min  
Delta R.T.: 0.005 min  
Response: 29115  
Conc: 0.60 ng/ml



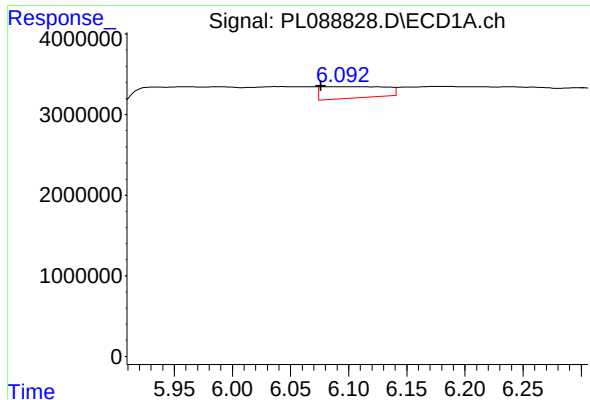
#24 Chlordane-2

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



#24 Chlordane-2

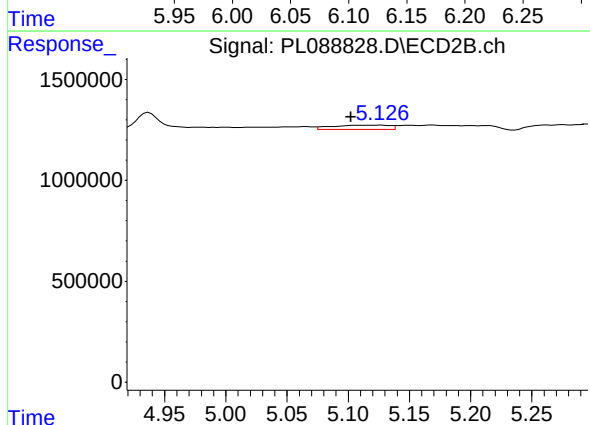
R.T.: 4.462 min  
Delta R.T.: 0.000 min  
Response: 224051  
Conc: 3.69 ng/ml



#25 Chlordane-3

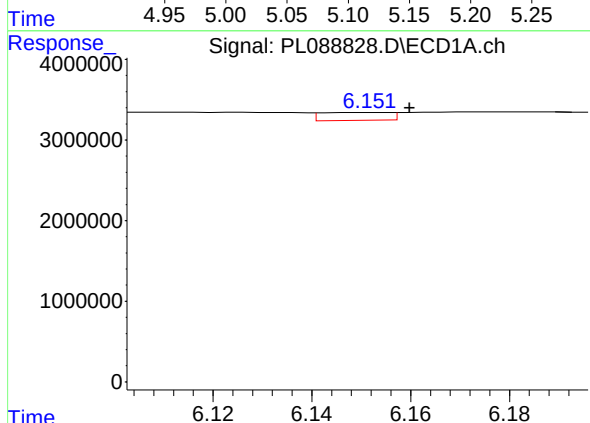
R.T.: 6.094 min  
Delta R.T.: 0.017 min  
Response: 5428934  
Conc: 10.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



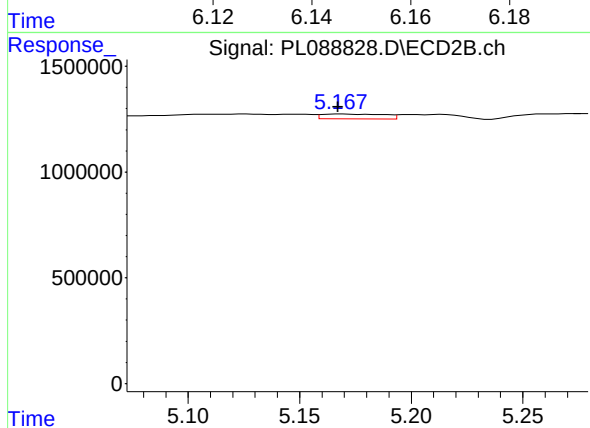
#25 Chlordane-3

R.T.: 5.127 min  
Delta R.T.: 0.025 min  
Response: 695687  
Conc: 4.08 ng/ml



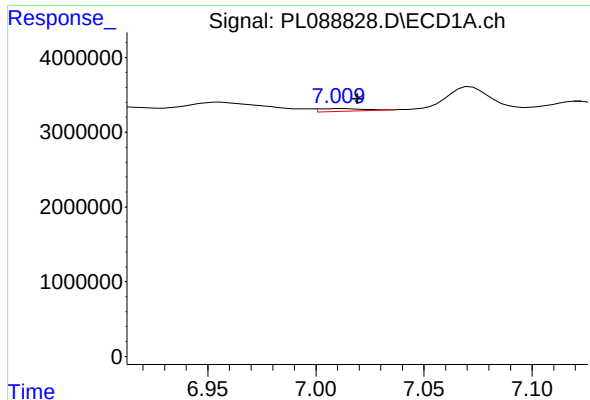
#26 Chlordane-4

R.T.: 6.153 min  
Delta R.T.: -0.007 min  
Response: 941225  
Conc: 1.57 ng/ml



#26 Chlordane-4

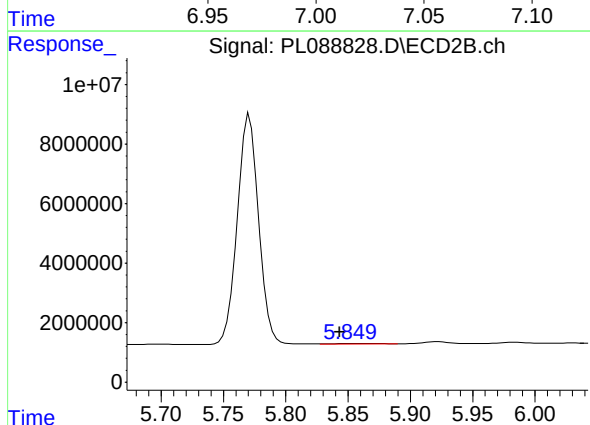
R.T.: 5.169 min  
Delta R.T.: 0.002 min  
Response: 453894  
Conc: 2.85 ng/ml



#27 Chlordane-5

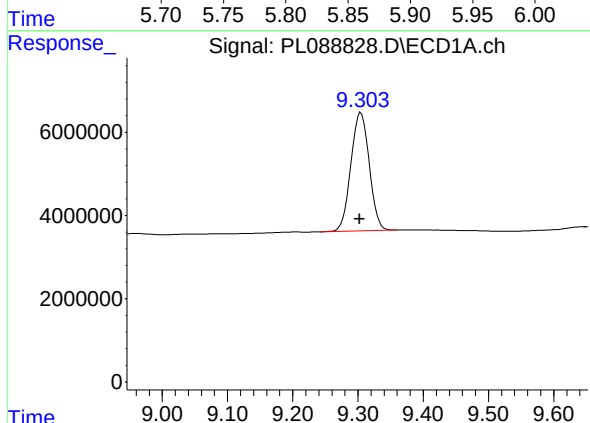
R.T.: 7.011 min  
Delta R.T.: -0.009 min  
Response: 494658  
Conc: 4.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



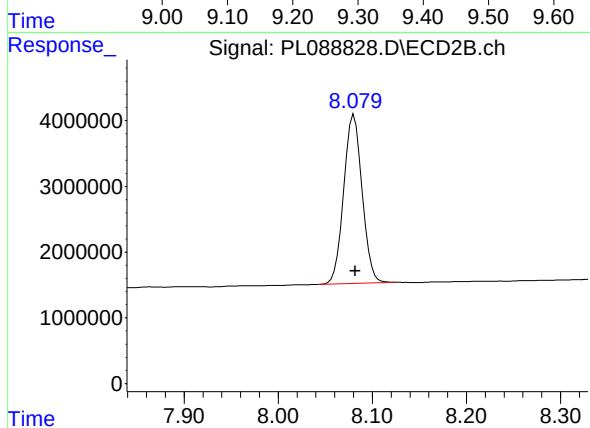
#27 Chlordane-5

R.T.: 5.852 min  
Delta R.T.: 0.009 min  
Response: 473187  
Conc: 9.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.305 min  
Delta R.T.: 0.002 min  
Response: 55758259  
Conc: 22.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.081 min  
Delta R.T.: -0.001 min  
Response: 34939676  
Conc: 25.77 ng/ml