

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041524\  
 Data File : PL089030.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Apr 2024 16:23  
 Operator : AR\AJ  
 Sample : PCHLORICC500  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PCHLORICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 07:01:41 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 15 18:43:22 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... | 3.550  | 2.796  | 103.3E6  | 82679280 | 48.583  | 62.031 #  |
| 28)                         | SA Decachlor... | 9.064  | 7.949  | 65058033 | 70106151 | 51.075  | 52.353    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.020  | 3.289  | 4153797  | 339423   | 1.389   | 0.172 #   |
| 3)                          | MA gamma-BHC... | 4.362f | 3.639  | 1370678  | 6404     | 0.475   | 0.003 #   |
| 4)                          | MA Heptachlor   | 4.927  | 3.975  | 54951717 | 37296542 | 22.085  | 20.754    |
| 5)                          | MB Aldrin       | 5.242f | 4.273f | 49239568 | 3432334  | 18.971  | 1.871 #   |
| 6)                          | B beta-BHC      | 0.000  | 3.934  | 0        | 59771    | N.D.    | 0.072 #   |
| 7)                          | B delta-BHC     | 0.000  | 4.159  | 0        | 3517781  | N.D.    | 1.927 #   |
| 8)                          | B Heptachlo...  | 5.678f | 0.000  | 36670462 | 0        | 15.541  | N.D. #    |
| 9)                          | A Endosulfan I  | 0.000  | 5.118  | 0        | 5808922  | N.D.    | 3.865 #   |
| 10)                         | B gamma-Chl...  | 5.951  | 5.010  | 154.8E6  | 78009477 | 67.326  | 47.554 #  |
| 11)                         | B alpha-Chl...  | 6.034  | 5.074  | 190.5E6  | 75205948 | 83.207  | 45.477 #  |
| 12)                         | B 4,4'-DDE      | 6.189  | 5.253  | 4864442  | 746323   | 2.420   | 0.508 #   |
| 13)                         | MA Dieldrin     | 6.356  | 5.375f | 11134369 | 2538047  | 4.937   | 1.553 #   |
| 14)                         | MA Endrin       | 6.609f | 5.676  | 4963336  | 5951968  | 2.641   | 4.095 #   |
| 15)                         | B Endosulfa...  | 6.821f | 5.970  | 1966537  | 30117591 | 1.021   | 21.066 #  |
| 16)                         | A 4,4'-DDD      | 6.736f | 5.833f | 9720805  | 175530   | 6.031   | 0.145 #   |
| 17)                         | MA 4,4'-DDT     | 7.009f | 6.068  | 4627039  | -203217  | 2.539   | N.D. #    |
| 19)                         | B Endosulfa...  | 7.167  | 6.370  | 1284779  | 857877   | 0.748   | 0.635     |
| 20)                         | A Methoxychlor  | 7.499  | 6.641  | 1226764  | 244096   | 1.392   | 0.327 #   |
| 21)                         | B Endrin ke...  | 0.000  | 6.854f | 0        | 155359   | N.D.    | 0.098 #   |
| 23)                         | Chlordane-1     | 4.713  | 3.800  | 48298851 | 25136554 | 531.680 | 489.666   |
| 24)                         | Chlordane-2     | 5.242  | 4.379  | 49239568 | 31208752 | 521.286 | 480.538   |
| 25)                         | Chlordane-3     | 5.951  | 5.010  | 154.8E6  | 78009477 | 480.197 | 451.674   |
| 26)                         | Chlordane-4     | 6.034  | 5.074  | 190.5E6  | 75205948 | 481.861 | 463.679   |
| 27)                         | Chlordane-5     | 0.000  | 5.740  | 0        | 20283733 | N.D.    | 402.351 # |
| -----                       |                 |        |        |          |          |         |           |

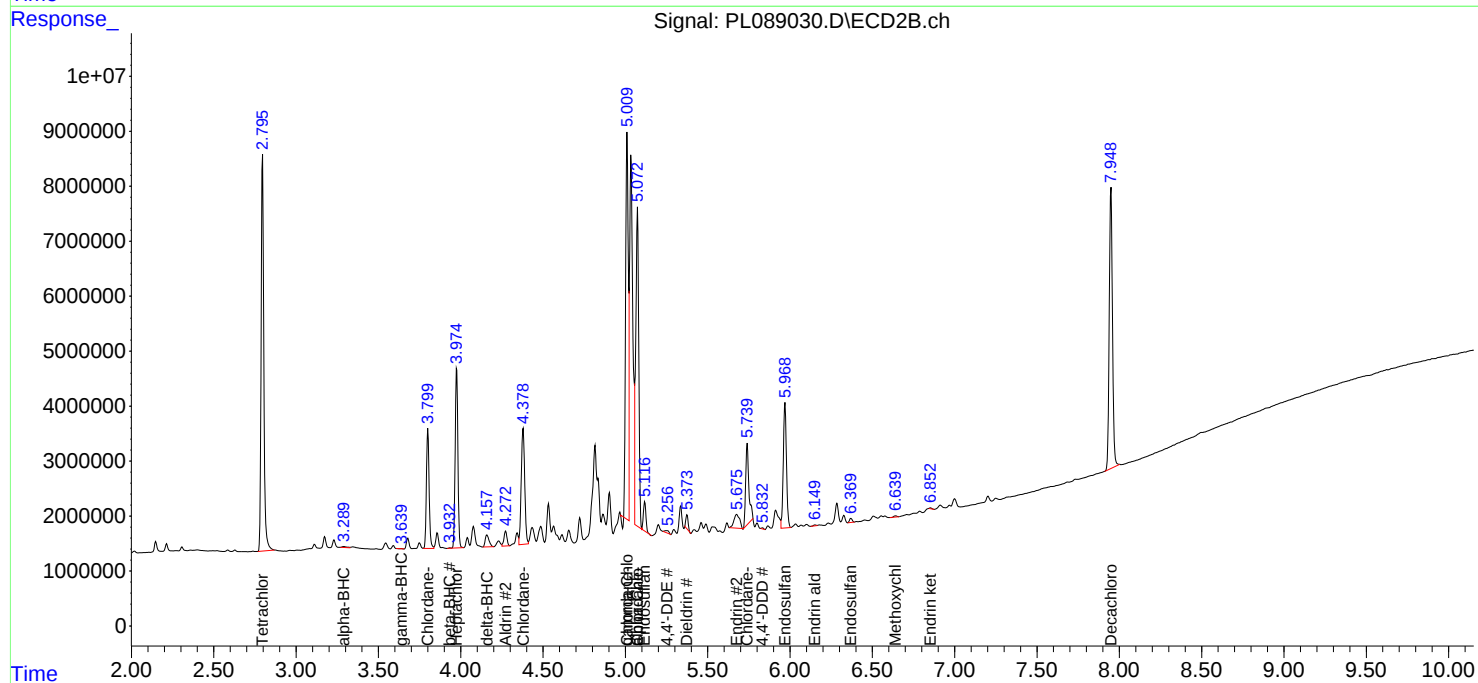
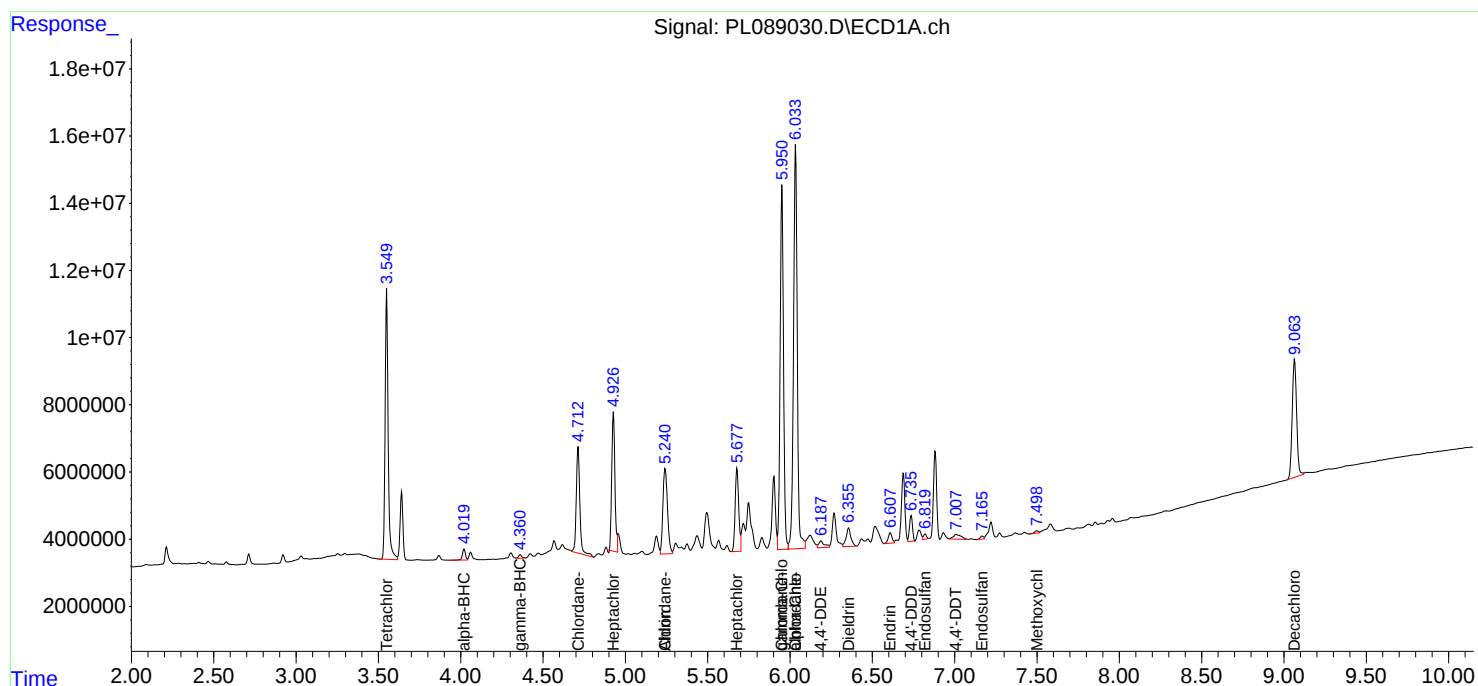
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

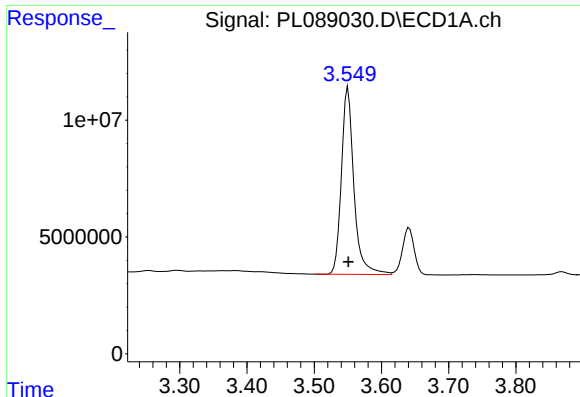
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041524\  
Data File : PL089030.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Apr 2024 16:23  
Operator : AR\AJ  
Sample : PCHLORICC500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 07:01:41 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 15 18:43:22 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

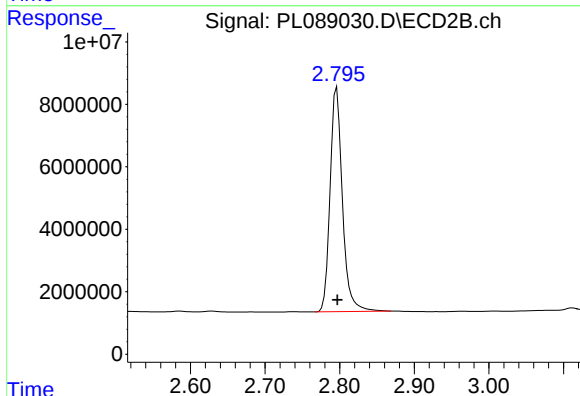




#1 Tetrachloro-m-xylene

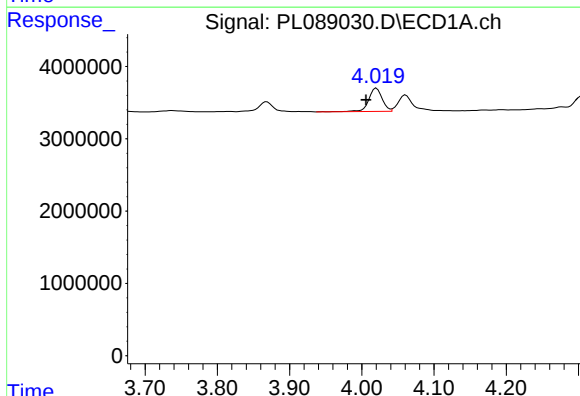
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 103255356  
Conc: 48.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



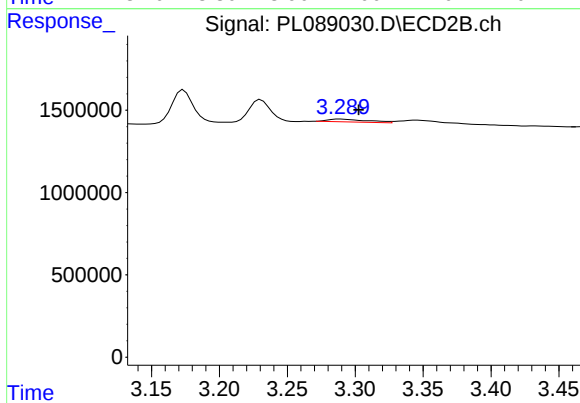
#1 Tetrachloro-m-xylene

R.T.: 2.796 min  
Delta R.T.: -0.001 min  
Response: 82679280  
Conc: 62.03 ng/ml



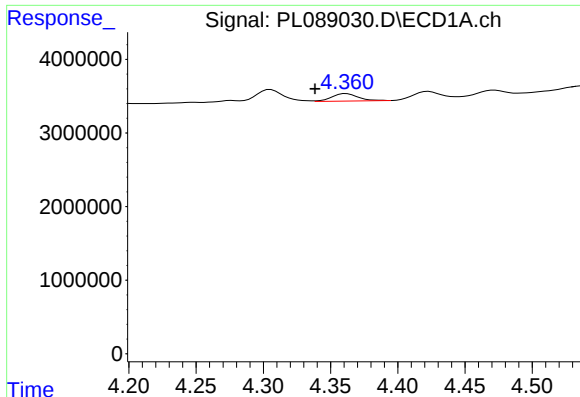
#2 alpha-BHC

R.T.: 4.020 min  
Delta R.T.: 0.014 min  
Response: 4153797  
Conc: 1.39 ng/ml



#2 alpha-BHC

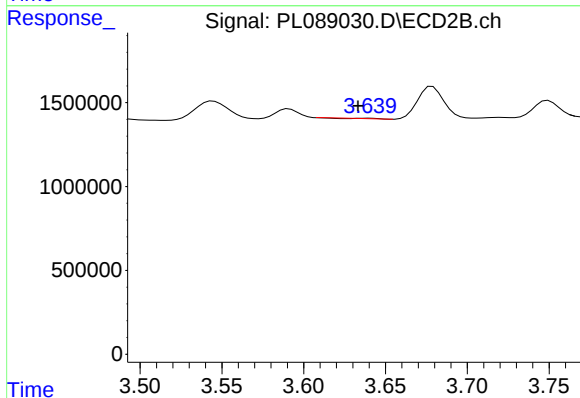
R.T.: 3.289 min  
Delta R.T.: -0.013 min  
Response: 339423  
Conc: 0.17 ng/ml



#3 gamma-BHC (Lindane)

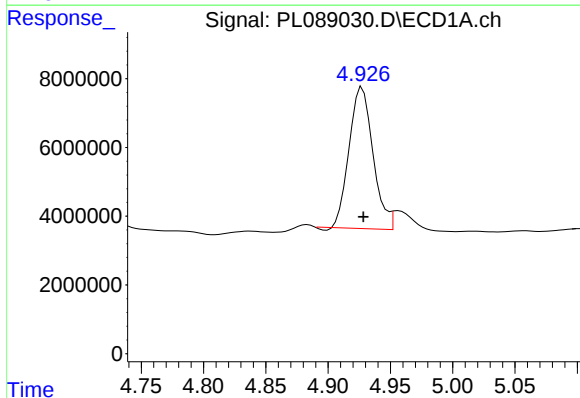
R.T.: 4.362 min  
Delta R.T.: 0.023 min  
Response: 1370678  
Conc: 0.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



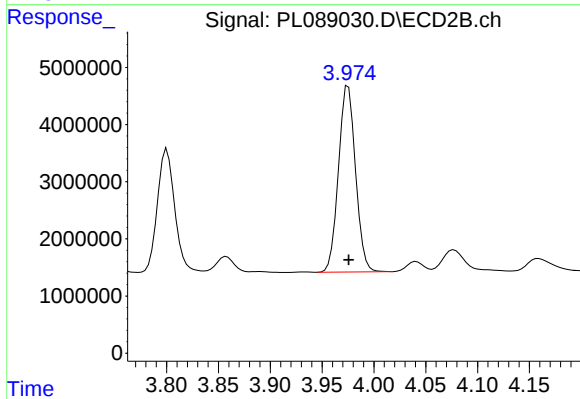
#3 gamma-BHC (Lindane)

R.T.: 3.639 min  
Delta R.T.: 0.006 min  
Response: 6404  
Conc: 0.00 ng/ml



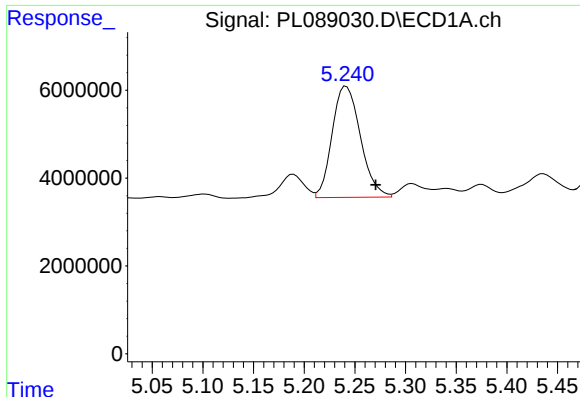
#4 Heptachlor

R.T.: 4.927 min  
Delta R.T.: 0.000 min  
Response: 54951717  
Conc: 22.09 ng/ml



#4 Heptachlor

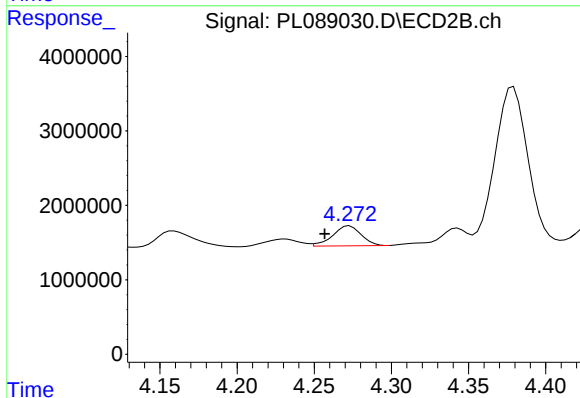
R.T.: 3.975 min  
Delta R.T.: 0.000 min  
Response: 37296542  
Conc: 20.75 ng/ml



#5 Aldrin

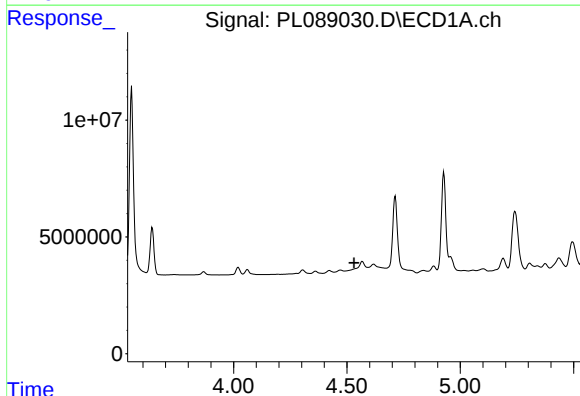
R.T.: 5.242 min  
Delta R.T.: -0.029 min  
Response: 49239568  
Conc: 18.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



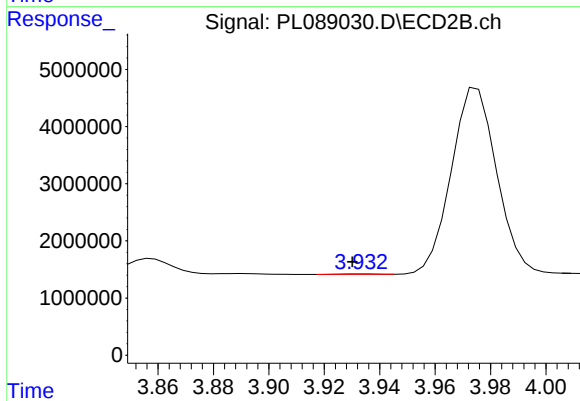
#5 Aldrin

R.T.: 4.273 min  
Delta R.T.: 0.016 min  
Response: 3432334  
Conc: 1.87 ng/ml



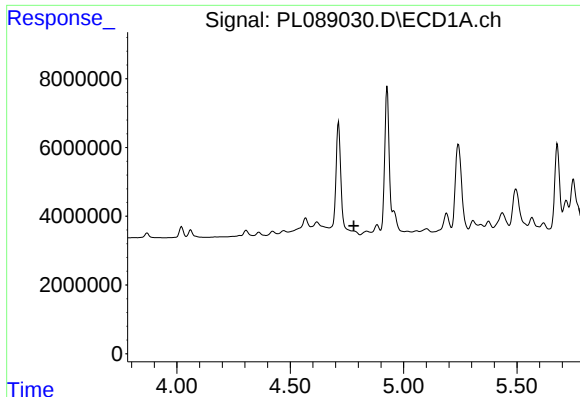
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.532 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

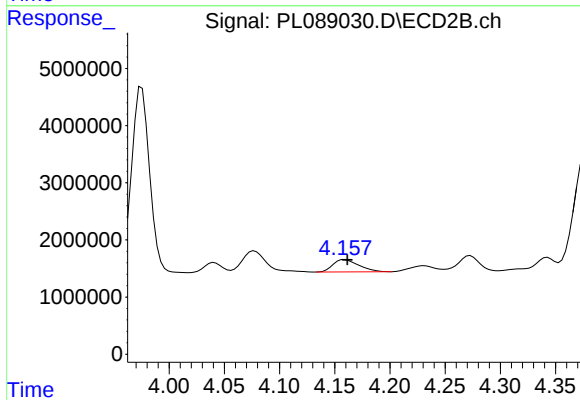
R.T.: 3.934 min  
Delta R.T.: 0.004 min  
Response: 59771  
Conc: 0.07 ng/ml



#7 delta-BHC

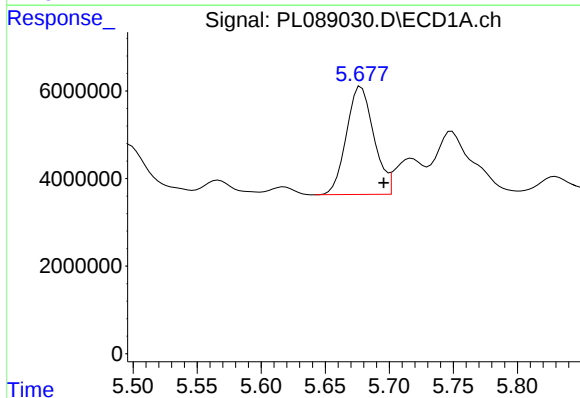
R.T.: 0.000 min  
Exp R.T.: 4.781 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



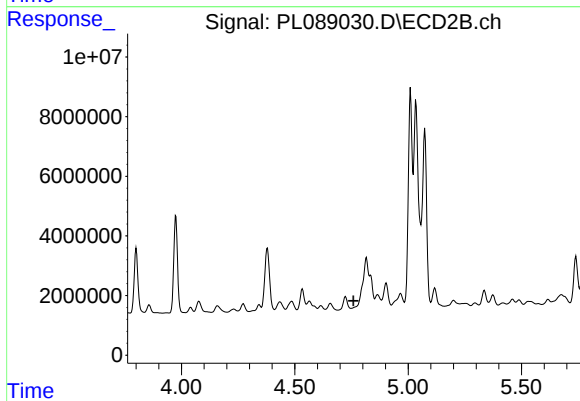
#7 delta-BHC

R.T.: 4.159 min  
Delta R.T.: -0.003 min  
Response: 3517781  
Conc: 1.93 ng/ml



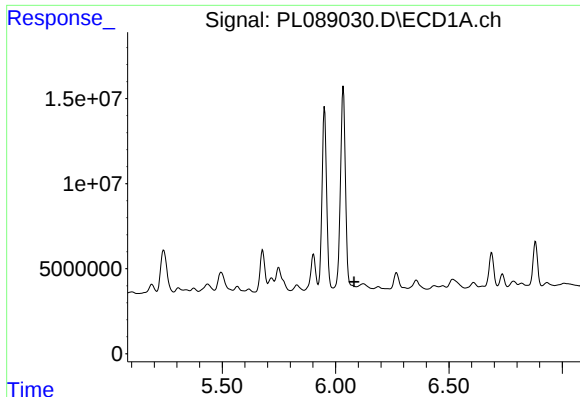
#8 Heptachlor epoxide

R.T.: 5.678 min  
Delta R.T.: -0.017 min  
Response: 36670462  
Conc: 15.54 ng/ml



#8 Heptachlor epoxide

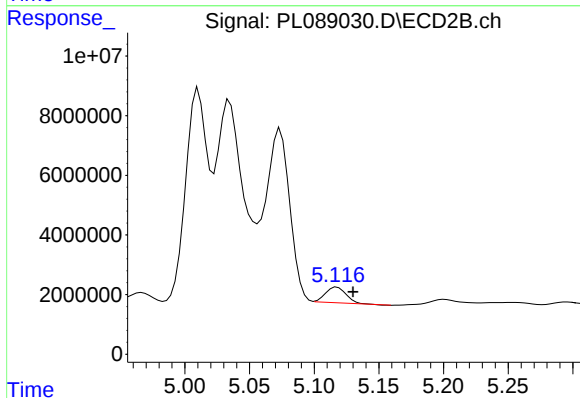
R.T.: 0.000 min  
Exp R.T.: 4.760 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

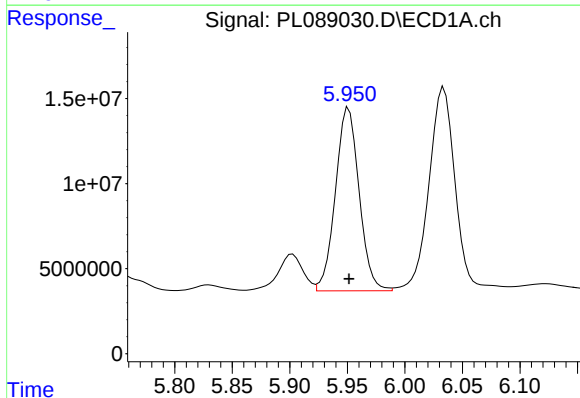
R.T.: 0.000 min  
Exp R.T.: 6.081 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



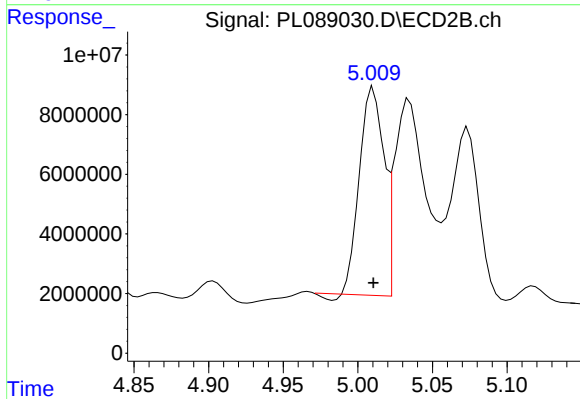
#9 Endosulfan I

R.T.: 5.118 min  
Delta R.T.: -0.012 min  
Response: 5808922  
Conc: 3.87 ng/ml



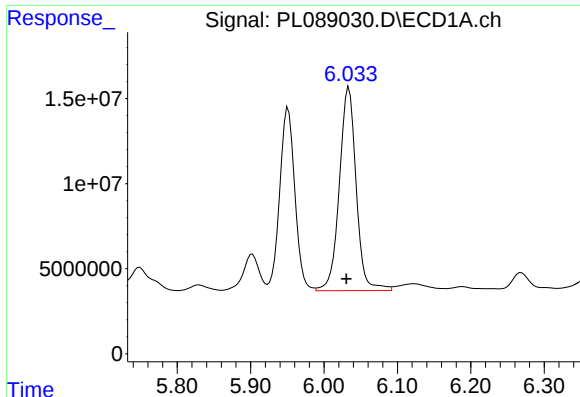
#10 gamma-Chlordane

R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 154771473  
Conc: 67.33 ng/ml



#10 gamma-Chlordane

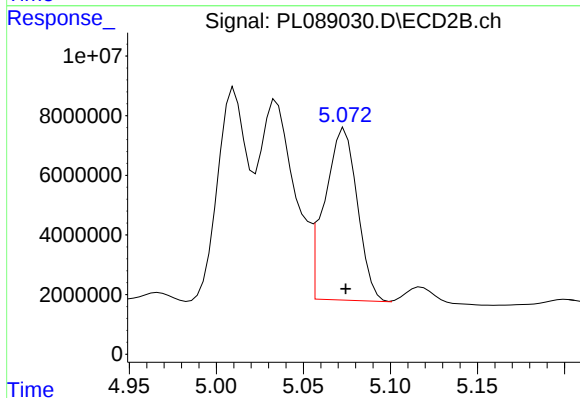
R.T.: 5.010 min  
Delta R.T.: 0.000 min  
Response: 78009477  
Conc: 47.55 ng/ml



#11 alpha-Chlordane

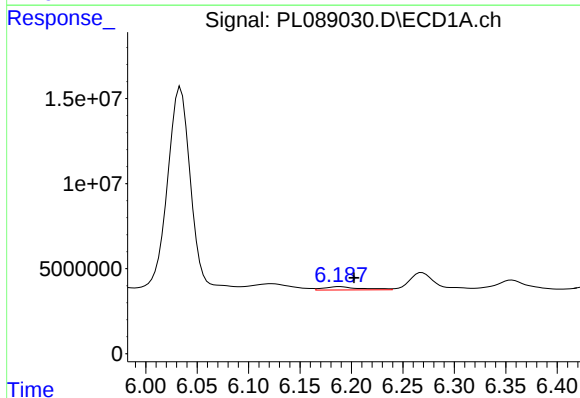
R.T.: 6.034 min  
Delta R.T.: 0.003 min  
Response: 190492142  
Conc: 83.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



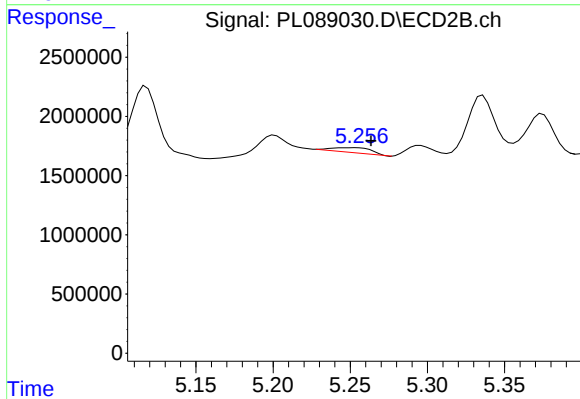
#11 alpha-Chlordane

R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 75205948  
Conc: 45.48 ng/ml



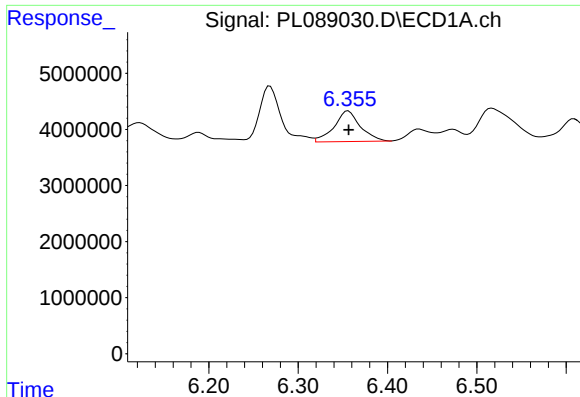
#12 4,4'-DDE

R.T.: 6.189 min  
Delta R.T.: -0.014 min  
Response: 4864442  
Conc: 2.42 ng/ml



#12 4,4'-DDE

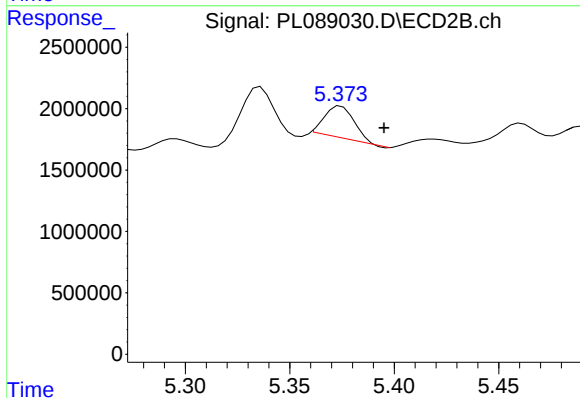
R.T.: 5.253 min  
Delta R.T.: -0.011 min  
Response: 746323  
Conc: 0.51 ng/ml



#13 Dieldrin

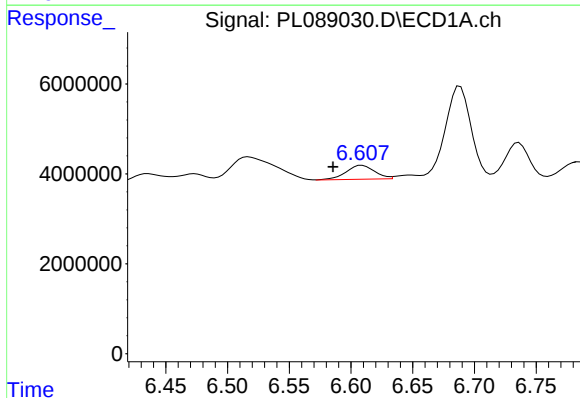
R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 11134369  
Conc: 4.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



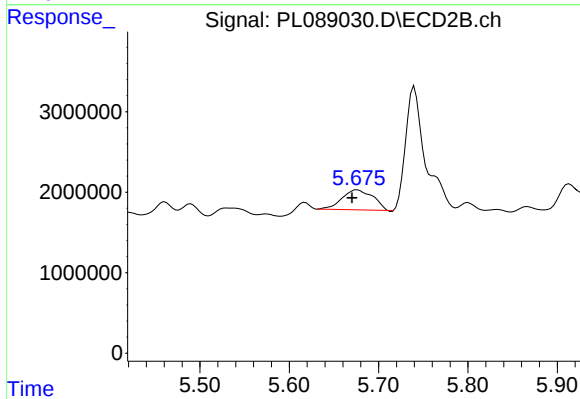
#13 Dieldrin

R.T.: 5.375 min  
Delta R.T.: -0.021 min  
Response: 2538047  
Conc: 1.55 ng/ml



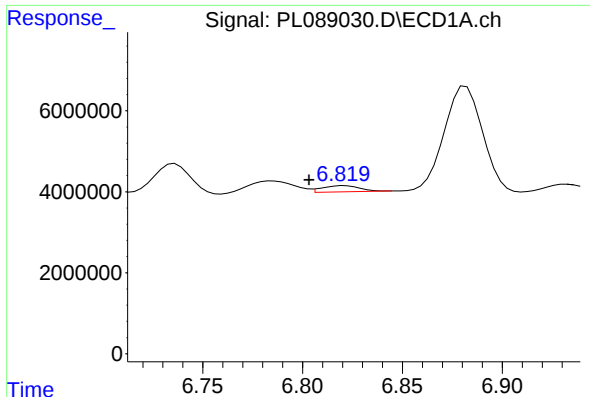
#14 Endrin

R.T.: 6.609 min  
Delta R.T.: 0.024 min  
Response: 4963336  
Conc: 2.64 ng/ml



#14 Endrin

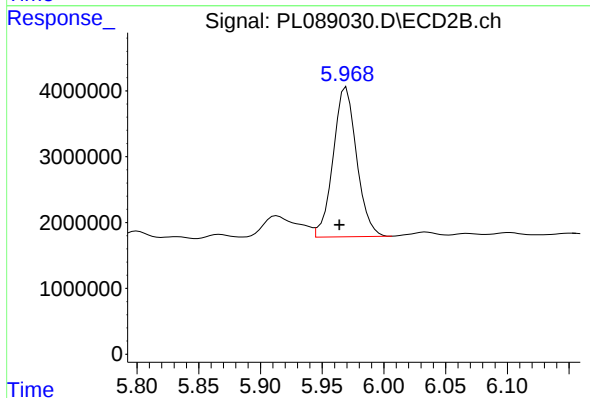
R.T.: 5.676 min  
Delta R.T.: 0.006 min  
Response: 5951968  
Conc: 4.10 ng/ml



#15 Endosulfan II

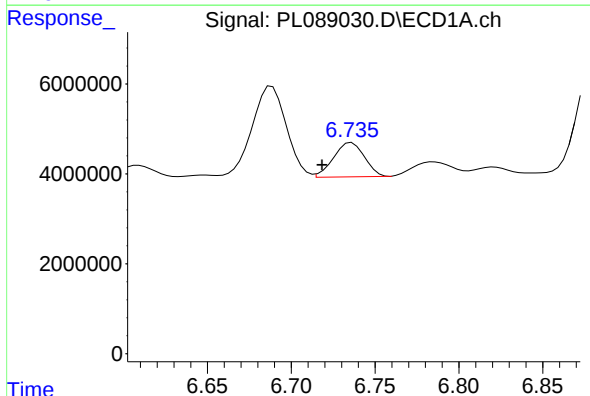
R.T.: 6.821 min  
Delta R.T.: 0.018 min  
Response: 1966537  
Conc: 1.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



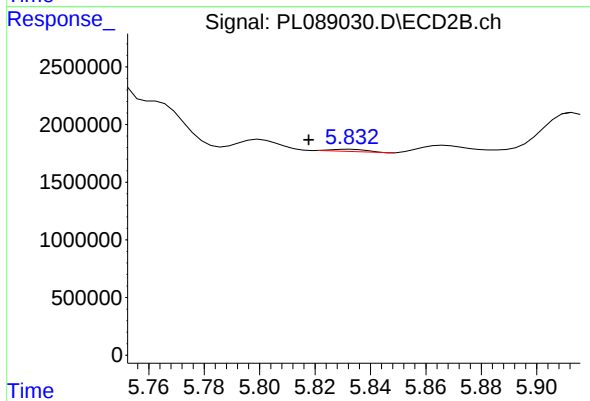
#15 Endosulfan II

R.T.: 5.970 min  
Delta R.T.: 0.006 min  
Response: 30117591  
Conc: 21.07 ng/ml



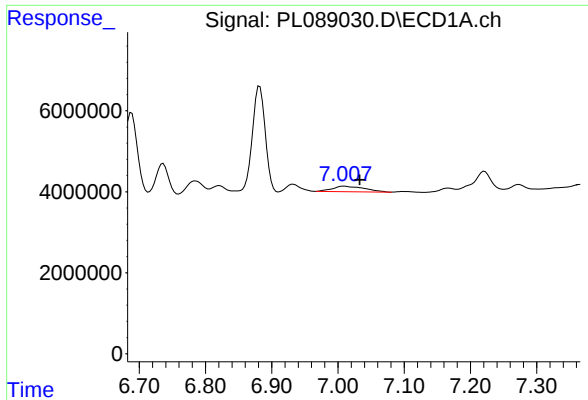
#16 4,4'-DDD

R.T.: 6.736 min  
Delta R.T.: 0.018 min  
Response: 9720805  
Conc: 6.03 ng/ml



#16 4,4'-DDD

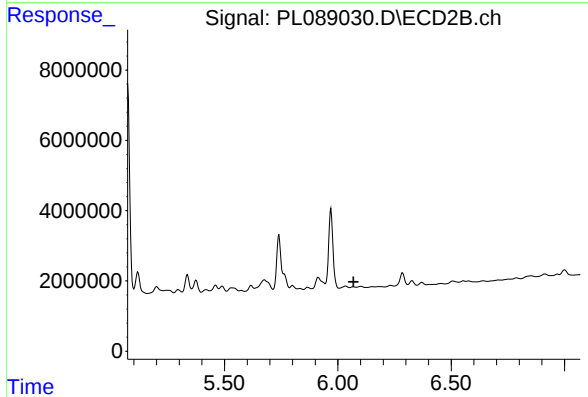
R.T.: 5.833 min  
Delta R.T.: 0.015 min  
Response: 175530  
Conc: 0.14 ng/ml



#17 4,4'-DDT

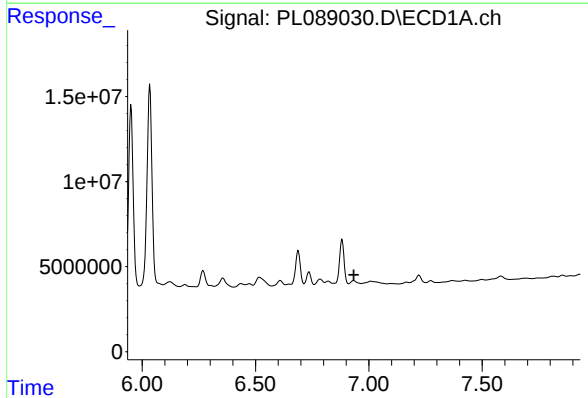
R.T.: 7.009 min  
Delta R.T.: -0.024 min  
Response: 4627039  
Conc: 2.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



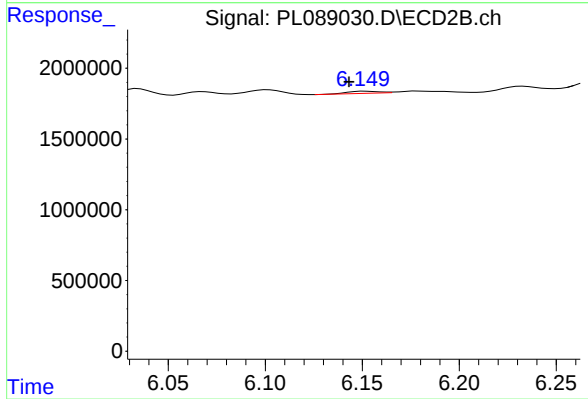
#17 4,4'-DDT

R.T.: 6.068 min  
Delta R.T.: -0.001 min  
Response: -203217  
Conc: N.D.



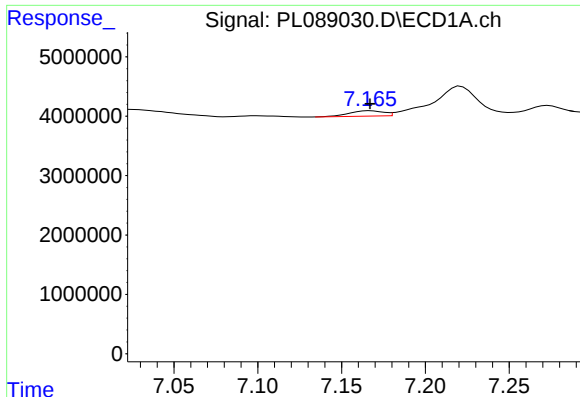
#18 Endrin aldehyde

R.T.: 6.933 min  
Delta R.T.: 0.000 min  
Response: -37256216  
Conc: N.D.



#18 Endrin aldehyde

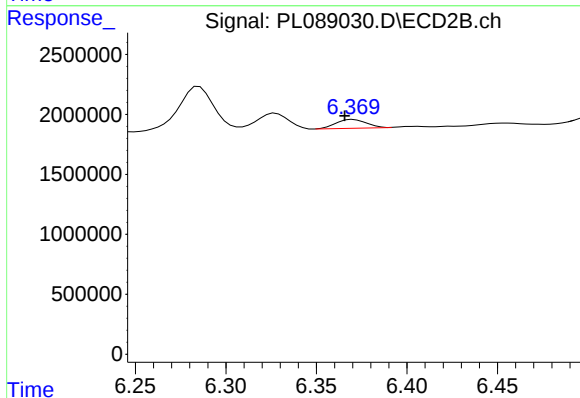
R.T.: 6.152 min  
Delta R.T.: 0.009 min  
Response: 163346  
Conc: 0.15 ng/ml



#19 Endosulfan Sulfate

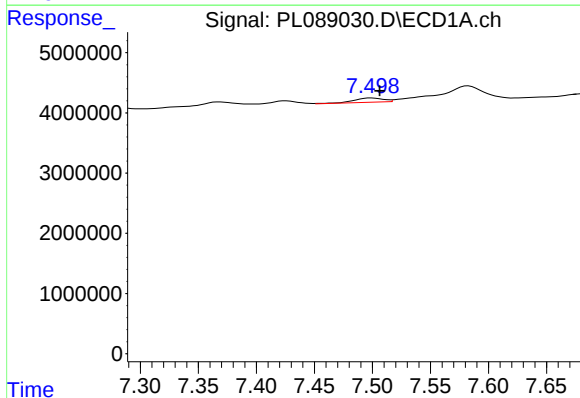
R.T.: 7.167 min  
Delta R.T.: 0.000 min  
Response: 1284779  
Conc: 0.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



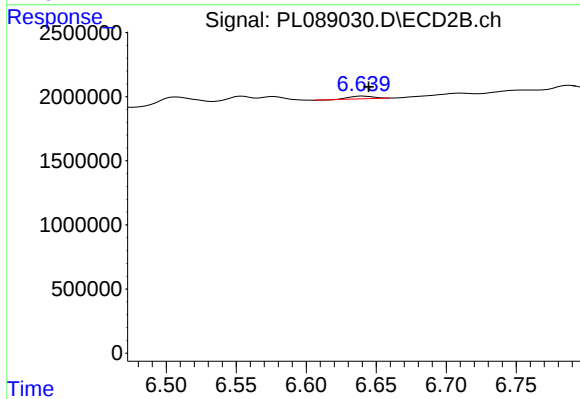
#19 Endosulfan Sulfate

R.T.: 6.370 min  
Delta R.T.: 0.005 min  
Response: 857877  
Conc: 0.63 ng/ml



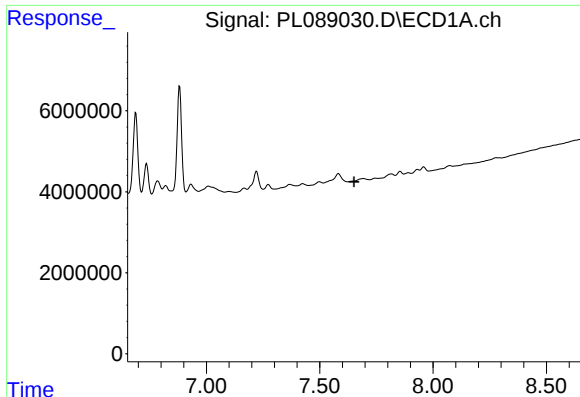
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: -0.007 min  
Response: 1226764  
Conc: 1.39 ng/ml



#20 Methoxychlor

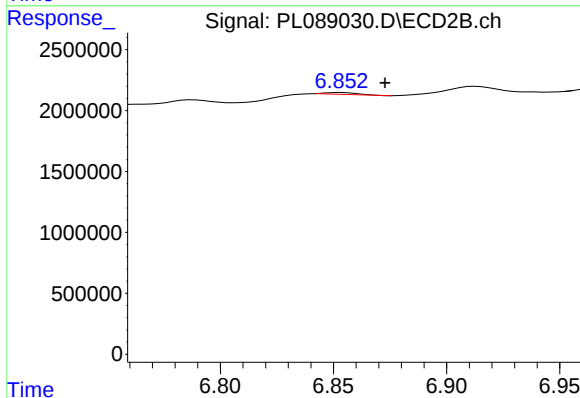
R.T.: 6.641 min  
Delta R.T.: -0.004 min  
Response: 244096  
Conc: 0.33 ng/ml



#21 Endrin ketone

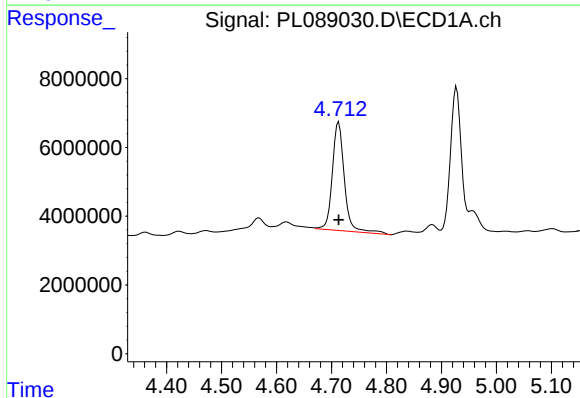
R.T.: 0.000 min  
Exp R.T.: 7.652 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



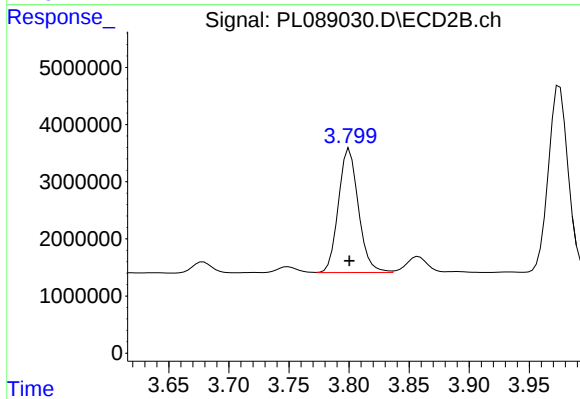
#21 Endrin ketone

R.T.: 6.854 min  
Delta R.T.: -0.019 min  
Response: 155359  
Conc: 0.10 ng/ml



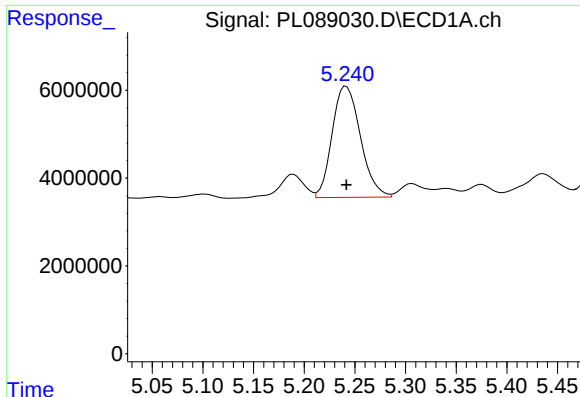
#23 Chlordane-1

R.T.: 4.713 min  
Delta R.T.: 0.000 min  
Response: 48298851  
Conc: 531.68 ng/ml



#23 Chlordane-1

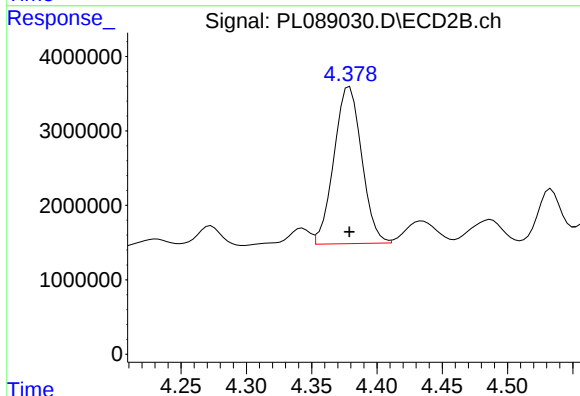
R.T.: 3.800 min  
Delta R.T.: 0.000 min  
Response: 25136554  
Conc: 489.67 ng/ml



#24 Chlordane-2

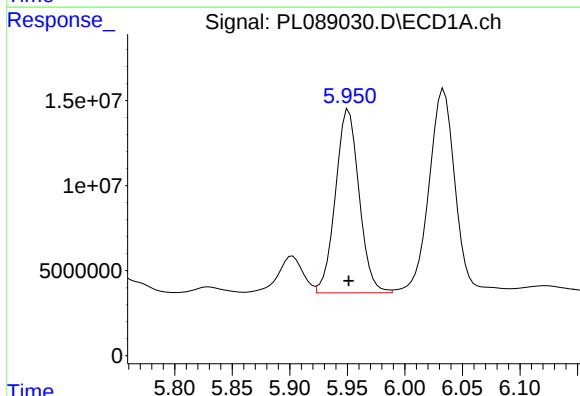
R.T.: 5.242 min  
Delta R.T.: 0.000 min  
Response: 49239568  
Conc: 521.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



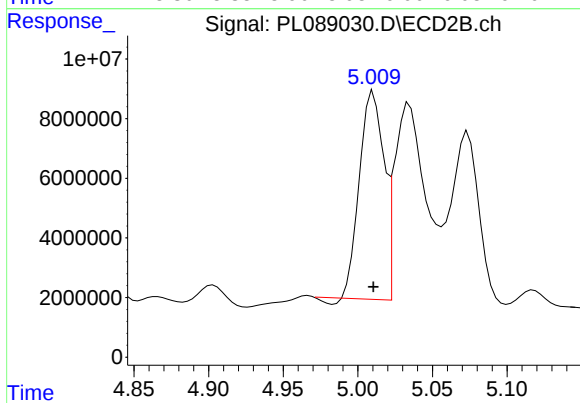
#24 Chlordane-2

R.T.: 4.379 min  
Delta R.T.: 0.000 min  
Response: 31208752  
Conc: 480.54 ng/ml



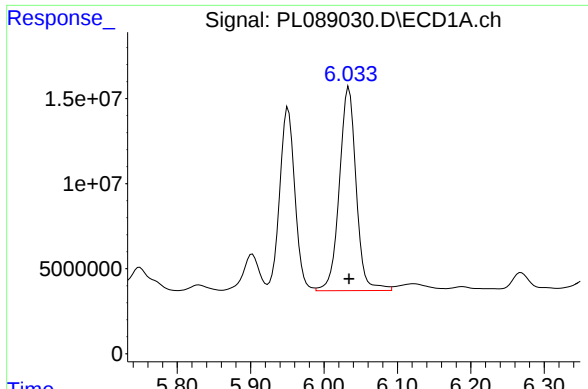
#25 Chlordane-3

R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 154771473  
Conc: 480.20 ng/ml



#25 Chlordane-3

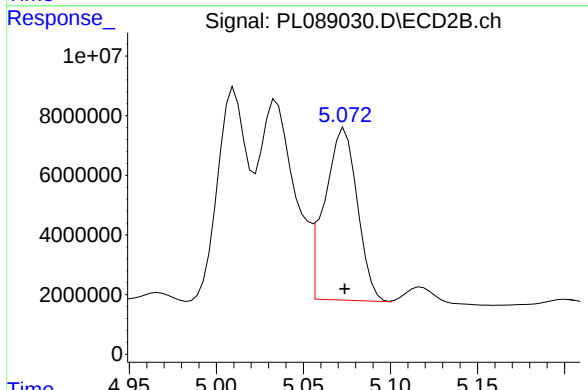
R.T.: 5.010 min  
Delta R.T.: 0.000 min  
Response: 78009477  
Conc: 451.67 ng/ml



#26 Chlordane-4

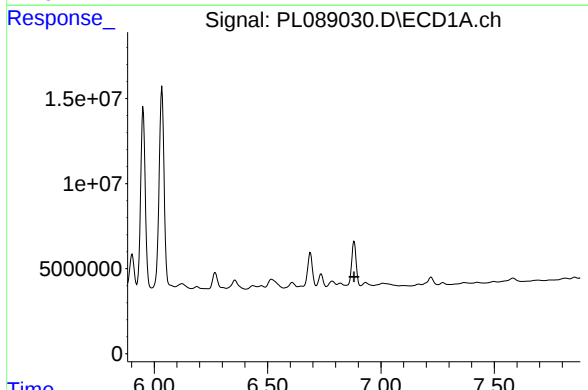
R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 190492142  
Conc: 481.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



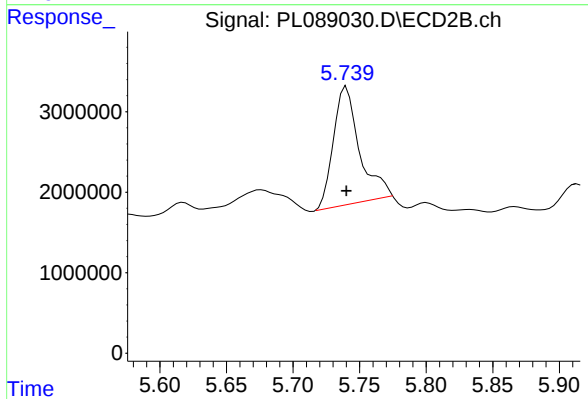
#26 Chlordane-4

R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 75205948  
Conc: 463.68 ng/ml



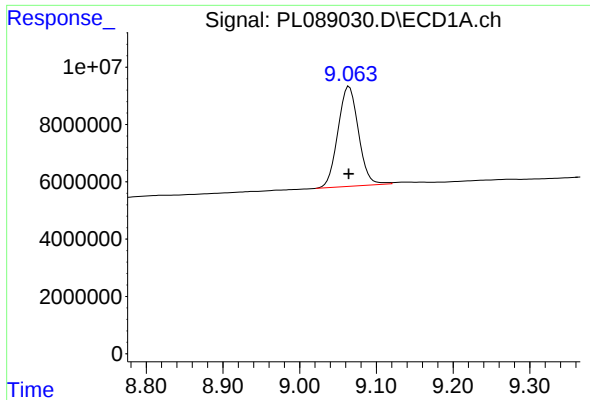
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.882 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

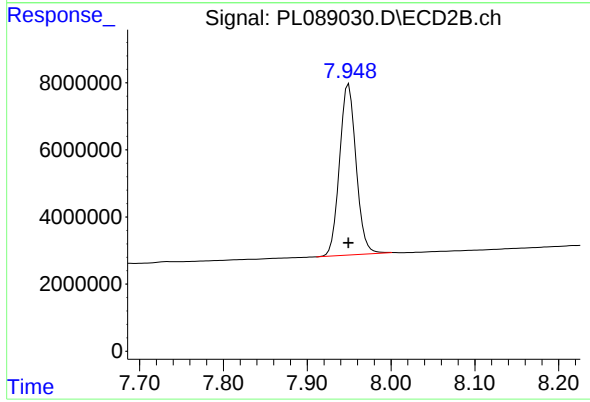
R.T.: 5.740 min  
Delta R.T.: 0.000 min  
Response: 20283733  
Conc: 402.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min  
Delta R.T.: 0.000 min  
Response: 65058033  
Conc: 51.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500



#28 Decachlorobiphenyl

R.T.: 7.949 min  
Delta R.T.: 0.000 min  
Response: 70106151  
Conc: 52.35 ng/ml