

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010925\  
 Data File : PL093618.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jan 2025 15:22  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 10 00:22:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122324.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 24 15:29:41 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.538  | 2.775 | 123.2E6  | 151.5E6  | 49.757   | 52.030     |
| 28)                         | SA Decachlor... | 9.057  | 7.912 | 91810039 | 146.5E6  | 49.653   | 49.058     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.994  | 3.277 | 173.9E6  | 230.5E6  | 50.384   | 53.018     |
| 3)                          | MA gamma-BHC... | 4.326  | 3.607 | 166.8E6  | 223.9E6  | 50.859   | 53.075     |
| 4)                          | MA Heptachlor   | 4.915  | 3.945 | 144.8E6  | 214.1E6  | 49.433   | 51.514     |
| 5)                          | MB Aldrin       | 5.257  | 4.225 | 144.9E6  | 215.9E6  | 49.806   | 52.628     |
| 6)                          | B beta-BHC      | 4.525  | 3.907 | 73195693 | 94121690 | 50.774   | 52.363     |
| 7)                          | B delta-BHC     | 4.772  | 4.136 | 158.3E6  | 226.3E6  | 51.700   | 53.503     |
| 8)                          | B Heptachlo...  | 5.683  | 4.727 | 131.2E6  | 197.6E6  | 49.805   | 51.623     |
| 9)                          | A Endosulfan I  | 6.069  | 5.097 | 116.5E6  | 177.2E6  | 49.373   | 50.716     |
| 10)                         | B gamma-Chl...  | 5.939  | 4.977 | 124.6E6  | 200.3E6  | 49.590   | 51.985     |
| 11)                         | B alpha-Chl...  | 6.019  | 5.041 | 124.1E6  | 197.5E6  | 49.602   | 51.864     |
| 12)                         | B 4,4'-DDE      | 6.192  | 5.230 | 114.0E6  | 196.6E6  | 50.818   | 53.463     |
| 13)                         | MA Dieldrin     | 6.344  | 5.361 | 122.1E6  | 201.3E6  | 48.936   | 52.241     |
| 14)                         | MA Endrin       | 6.574  | 5.637 | 98762215 | 163.4E6  | 45.884   | 49.386     |
| 15)                         | B Endosulfa...  | 6.794  | 5.932 | 104.4E6  | 174.3E6  | 45.936   | 53.637     |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.785 | 93479149 | 164.1E6  | 53.235   | 57.978     |
| 17)                         | MA 4,4'-DDT     | 7.024  | 6.035 | 87295969 | 151.0E6  | 47.225   | 49.992     |
| 18)                         | B Endrin al...  | 6.924  | 6.111 | 86430277 | 141.3E6  | 48.706   | 52.485     |
| 19)                         | B Endosulfa...  | 7.159  | 6.334 | 98983391 | 165.9E6  | 49.025   | 52.606     |
| 20)                         | A Methoxychlor  | 7.500  | 6.611 | 49157821 | 78438334 | 49.174   | 48.730     |
| 21)                         | B Endrin ke...  | 7.644  | 6.839 | 113.5E6  | 187.3E6  | 50.594   | 51.445     |
| 22)                         | Mirex           | 8.117  | 7.020 | 88407723 | 145.3E6  | 47.309   | 47.530     |
| 23)                         | Chlordane-1     | 0.000  | 3.769 | 0        | 81023    | N.D.     | 0.671 #    |
| 24)                         | Chlordane-2     | 5.257f | 4.366 | 144.9E6  | 3576529  | 1317.994 | 25.766 #   |
| 25)                         | Chlordane-3     | 5.939  | 4.977 | 124.6E6  | 200.3E6  | 327.896  | 472.003 #  |
| 26)                         | Chlordane-4     | 6.019  | 5.041 | 124.1E6  | 197.5E6  | 273.250  | 480.061 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.932 | 0        | 174.3E6  | N.D.     | 1308.852 # |
| -----                       |                 |        |       |          |          |          |            |

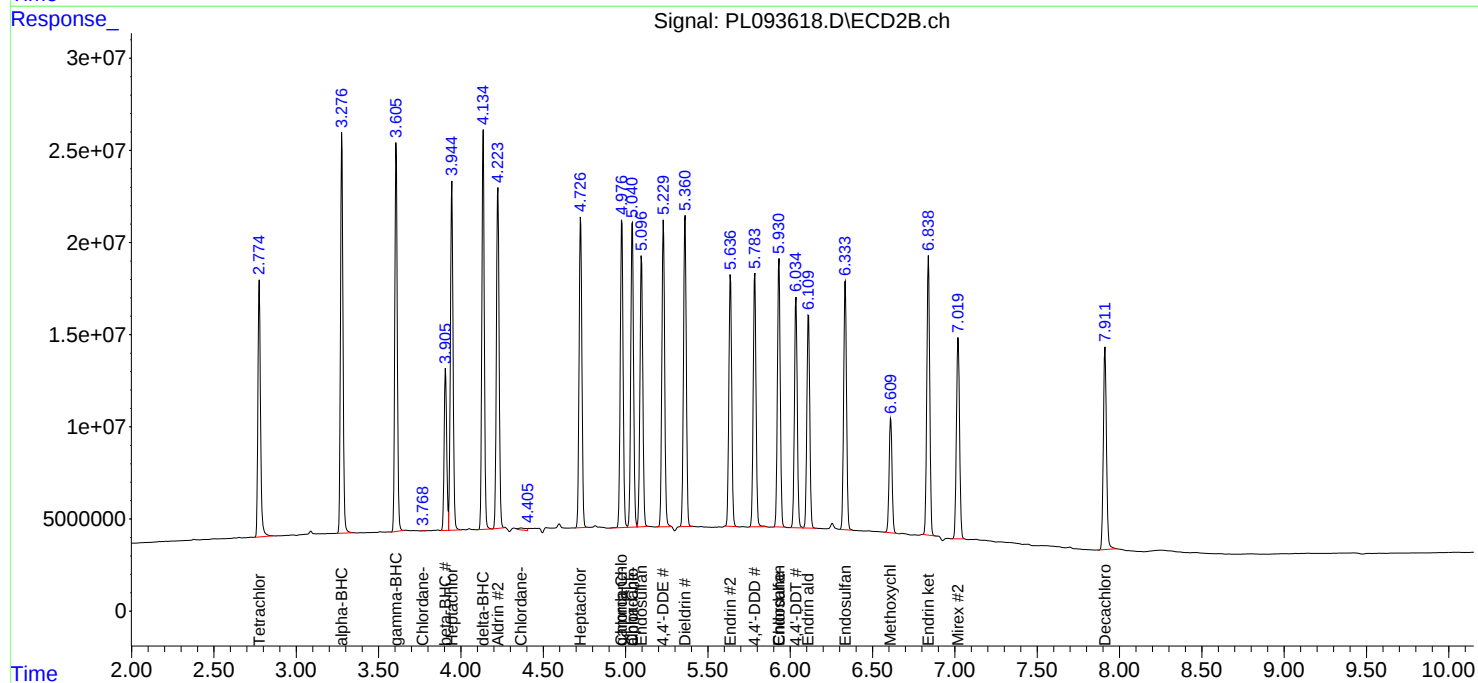
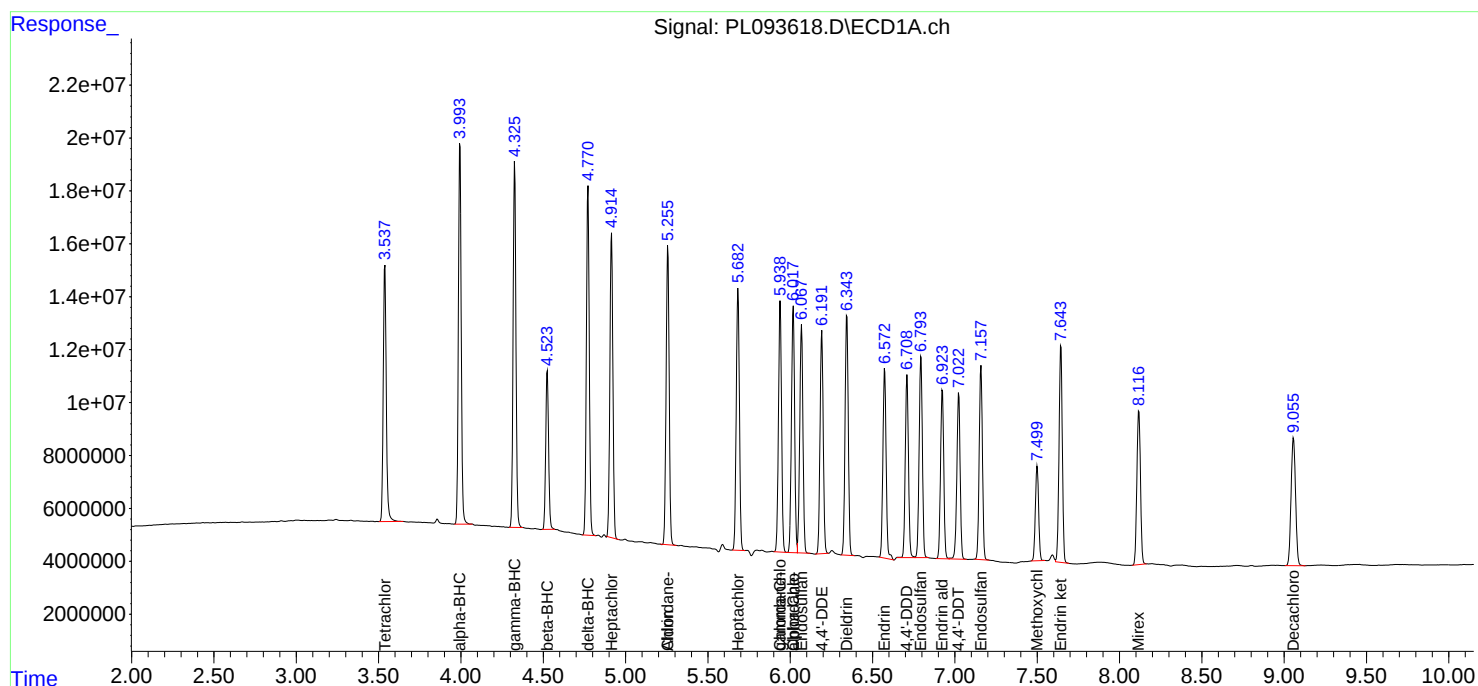
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

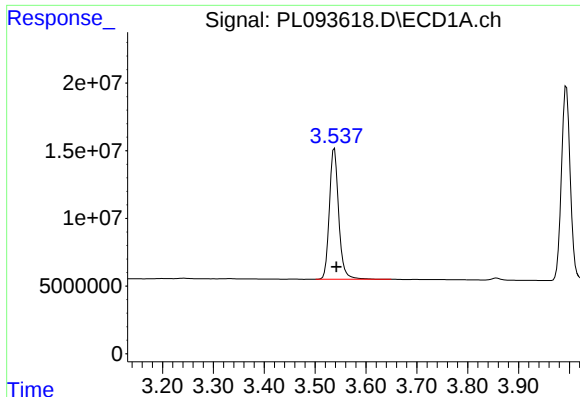
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010925\  
Data File : PL093618.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jan 2025 15:22  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 10 00:22:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122324.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 24 15:29:41 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

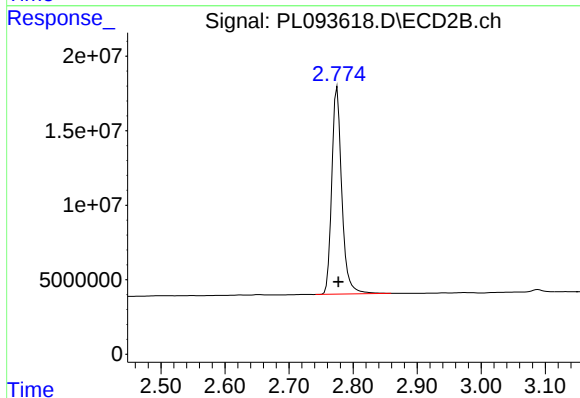




#1 Tetrachloro-m-xylene

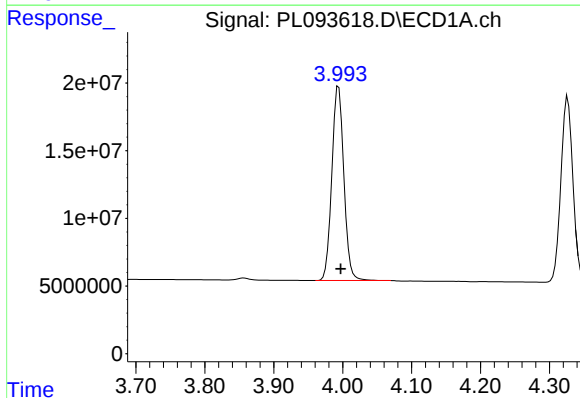
R.T.: 3.538 min  
Delta R.T.: -0.004 min  
Response: 123182318  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



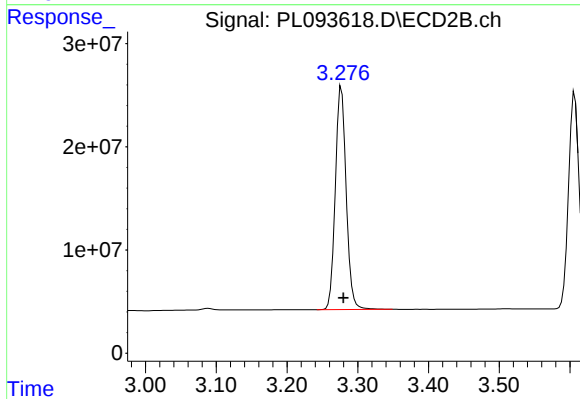
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.002 min  
Response: 151468685  
Conc: 52.03 ng/ml



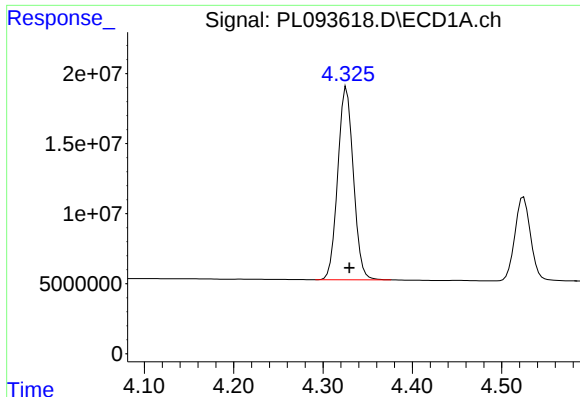
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: -0.003 min  
Response: 173945182  
Conc: 50.38 ng/ml



#2 alpha-BHC

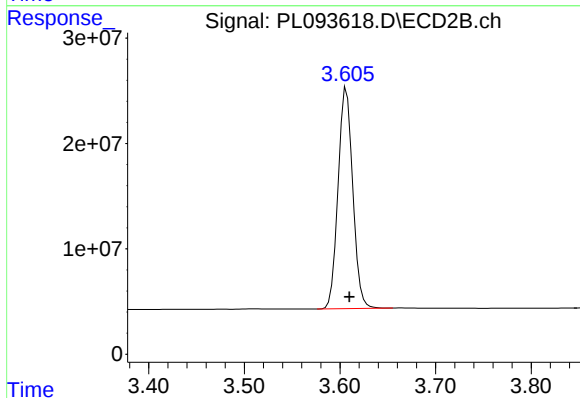
R.T.: 3.277 min  
Delta R.T.: -0.003 min  
Response: 230455975  
Conc: 53.02 ng/ml



#3 gamma-BHC (Lindane)

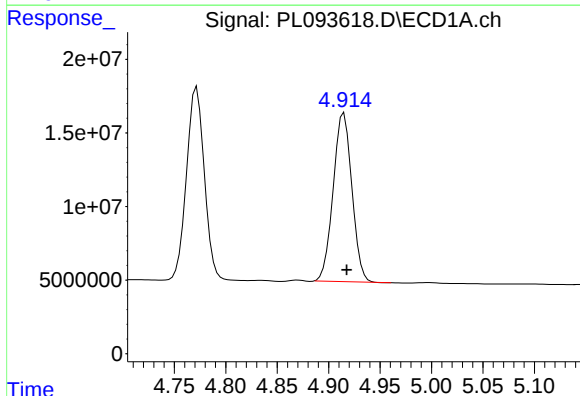
R.T.: 4.326 min  
Delta R.T.: -0.003 min  
Response: 166790102  
Conc: 50.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



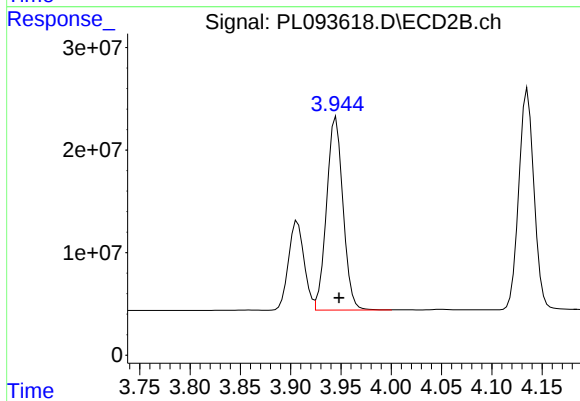
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: -0.003 min  
Response: 223942199  
Conc: 53.07 ng/ml



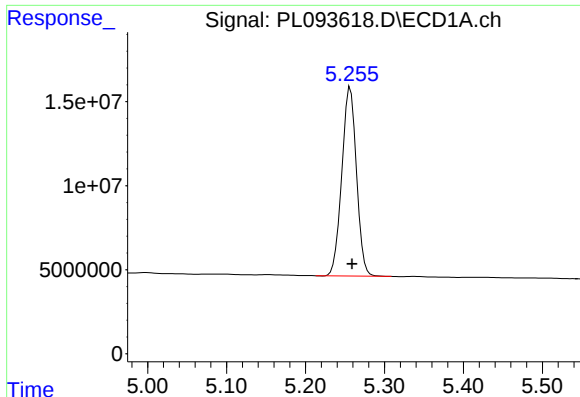
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: -0.003 min  
Response: 144754351  
Conc: 49.43 ng/ml



#4 Heptachlor

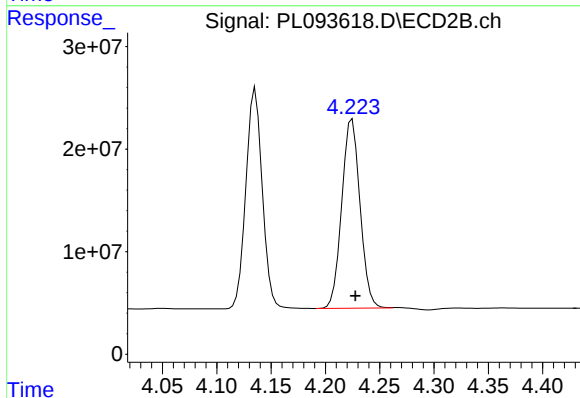
R.T.: 3.945 min  
Delta R.T.: -0.003 min  
Response: 214086050  
Conc: 51.51 ng/ml



#5 Aldrin

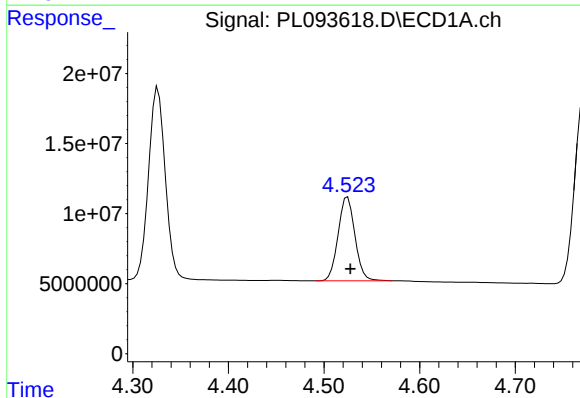
R.T.: 5.257 min  
Delta R.T.: -0.002 min  
Response: 144879384  
Conc: 49.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



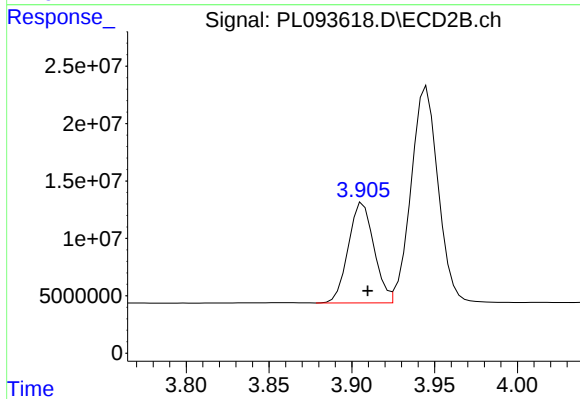
#5 Aldrin

R.T.: 4.225 min  
Delta R.T.: -0.003 min  
Response: 215896455  
Conc: 52.63 ng/ml



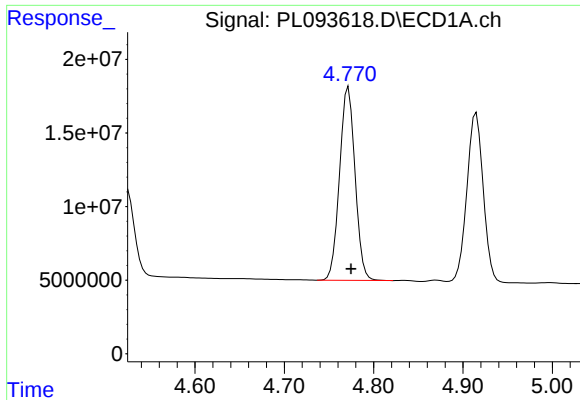
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: -0.003 min  
Response: 73195693  
Conc: 50.77 ng/ml



#6 beta-BHC

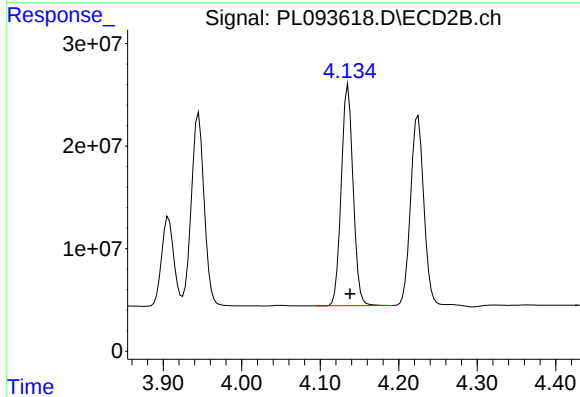
R.T.: 3.907 min  
Delta R.T.: -0.003 min  
Response: 94121690  
Conc: 52.36 ng/ml



#7 delta-BHC

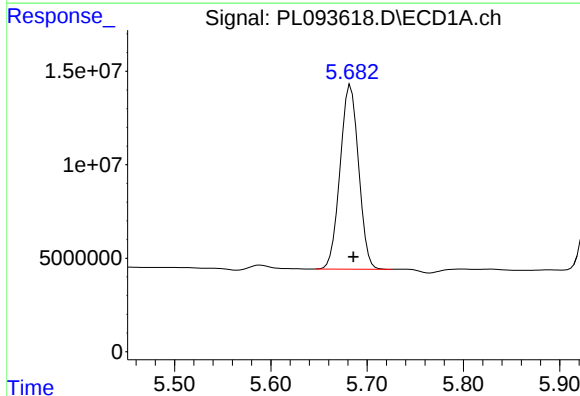
R.T.: 4.772 min  
Delta R.T.: -0.003 min  
Response: 158337420  
Conc: 51.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



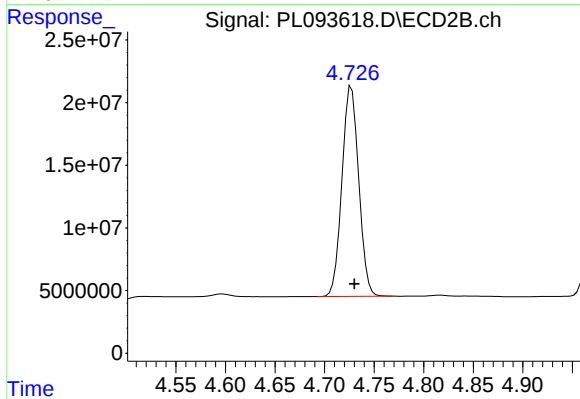
#7 delta-BHC

R.T.: 4.136 min  
Delta R.T.: -0.003 min  
Response: 226256360  
Conc: 53.50 ng/ml



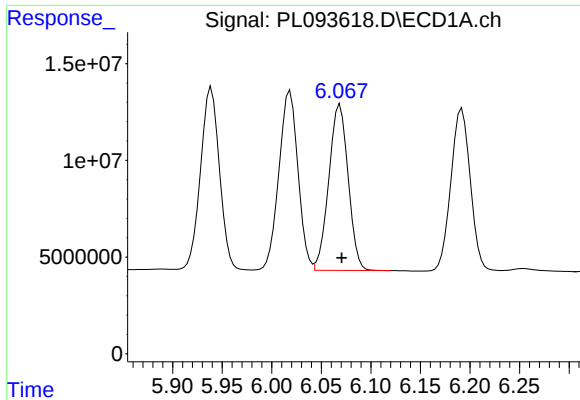
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: -0.003 min  
Response: 131202884  
Conc: 49.80 ng/ml



#8 Heptachlor epoxide

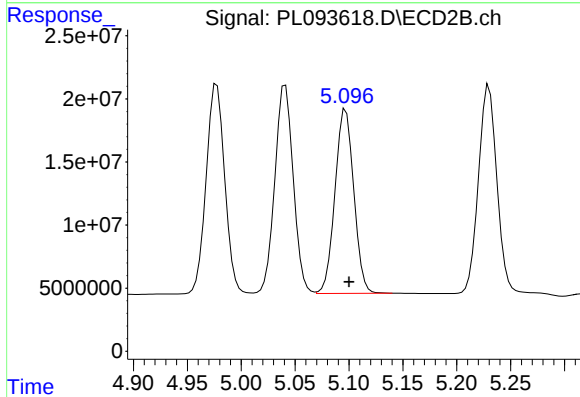
R.T.: 4.727 min  
Delta R.T.: -0.003 min  
Response: 197649714  
Conc: 51.62 ng/ml



#9 Endosulfan I

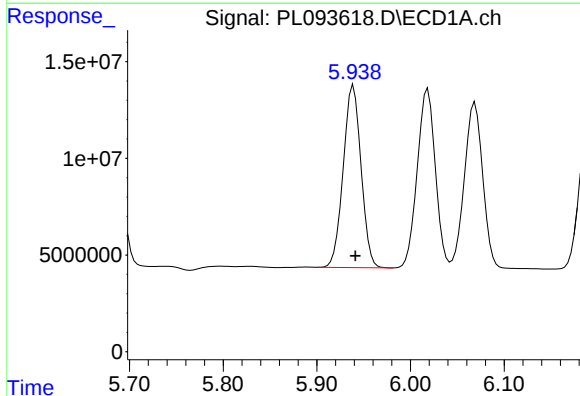
R.T.: 6.069 min  
Delta R.T.: -0.002 min  
Response: 116484456  
Conc: 49.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



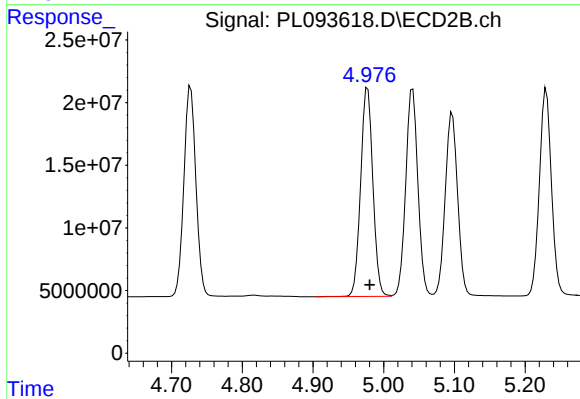
#9 Endosulfan I

R.T.: 5.097 min  
Delta R.T.: -0.003 min  
Response: 177199114  
Conc: 50.72 ng/ml



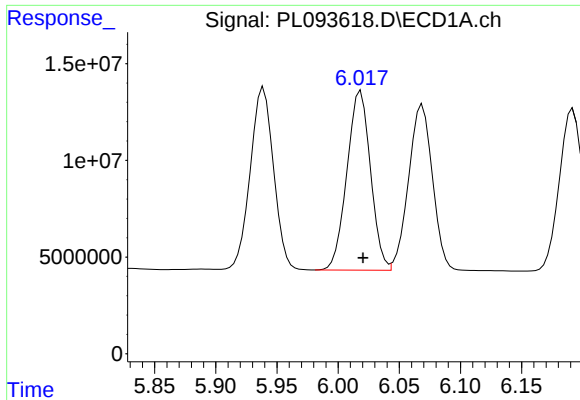
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: -0.002 min  
Response: 124624634  
Conc: 49.59 ng/ml



#10 gamma-Chlordane

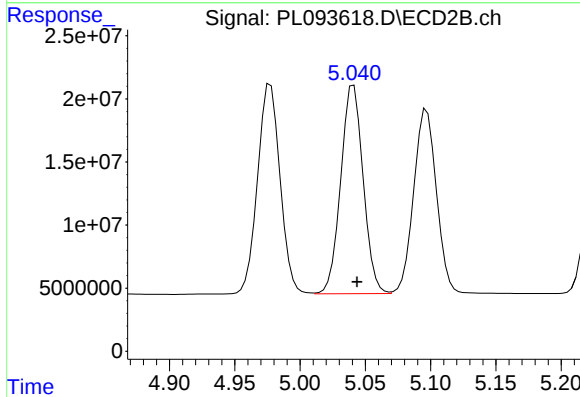
R.T.: 4.977 min  
Delta R.T.: -0.003 min  
Response: 200297966  
Conc: 51.98 ng/ml



#11 alpha-Chlordane

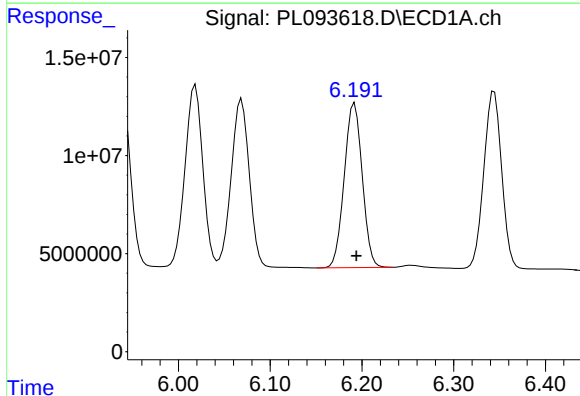
R.T.: 6.019 min  
Delta R.T.: -0.002 min  
Response: 124149103  
Conc: 49.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



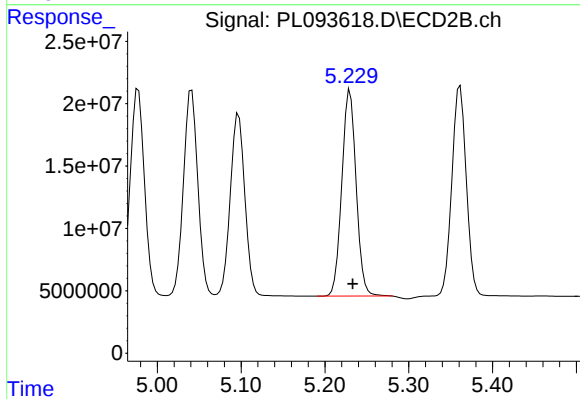
#11 alpha-Chlordane

R.T.: 5.041 min  
Delta R.T.: -0.003 min  
Response: 197467517  
Conc: 51.86 ng/ml



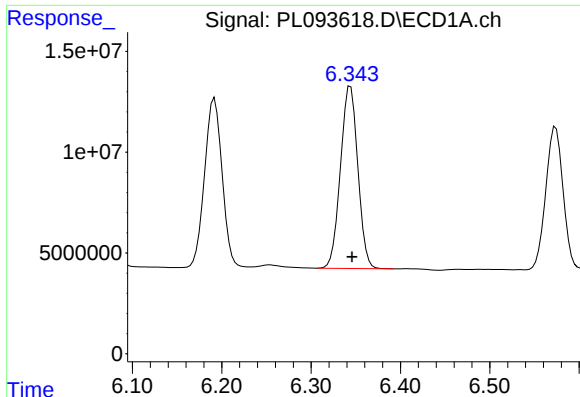
#12 4,4'-DDE

R.T.: 6.192 min  
Delta R.T.: -0.002 min  
Response: 114027677  
Conc: 50.82 ng/ml



#12 4,4'-DDE

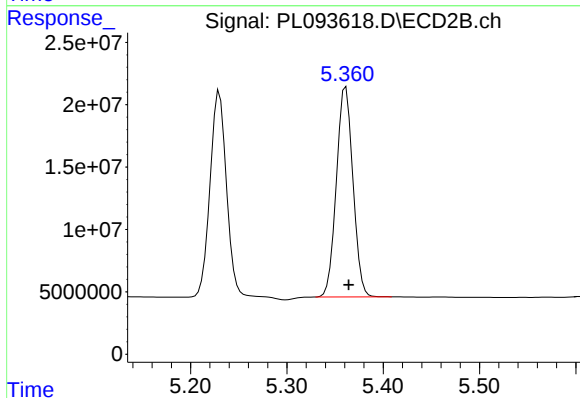
R.T.: 5.230 min  
Delta R.T.: -0.003 min  
Response: 196597860  
Conc: 53.46 ng/ml



#13 Dieldrin

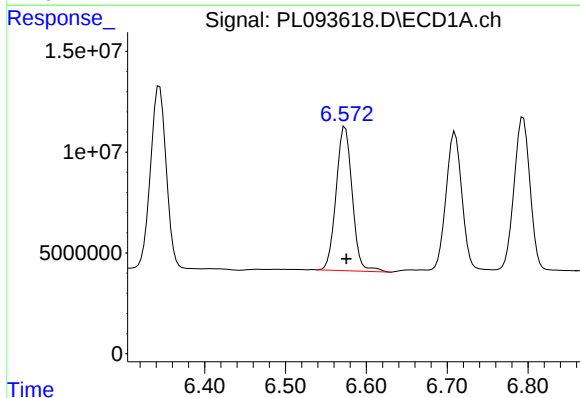
R.T.: 6.344 min  
Delta R.T.: -0.002 min  
Response: 122098571  
Conc: 48.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



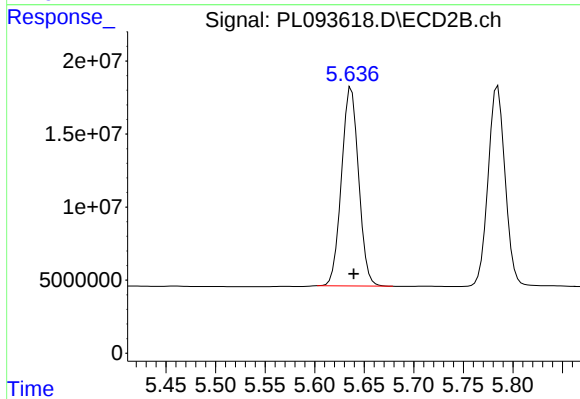
#13 Dieldrin

R.T.: 5.361 min  
Delta R.T.: -0.003 min  
Response: 201330986  
Conc: 52.24 ng/ml



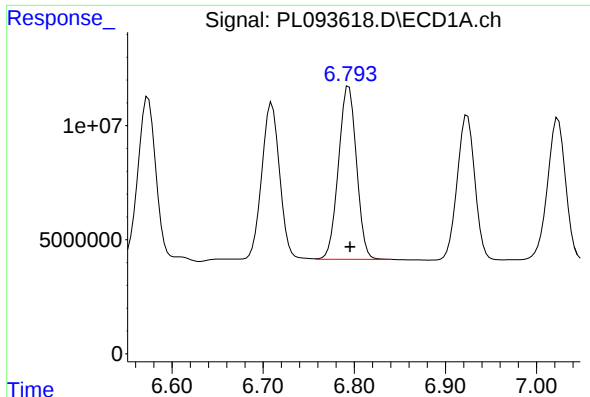
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: -0.002 min  
Response: 98762215  
Conc: 45.88 ng/ml



#14 Endrin

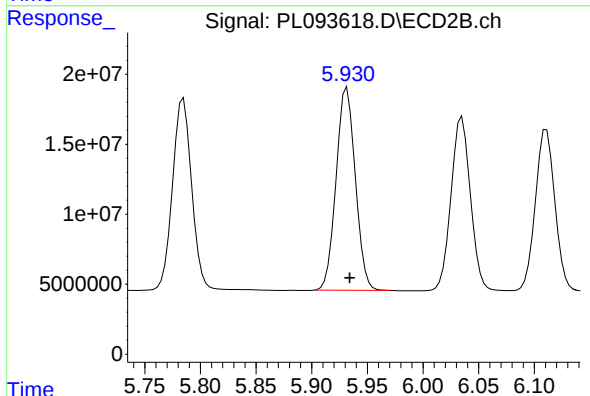
R.T.: 5.637 min  
Delta R.T.: -0.003 min  
Response: 163384310  
Conc: 49.39 ng/ml



#15 Endosulfan II

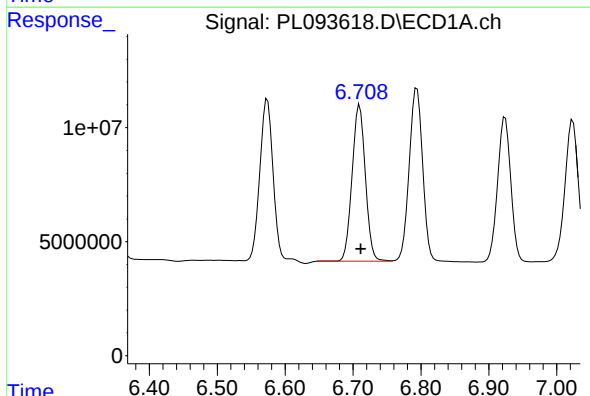
R.T.: 6.794 min  
Delta R.T.: -0.001 min  
Response: 104423785  
Conc: 45.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



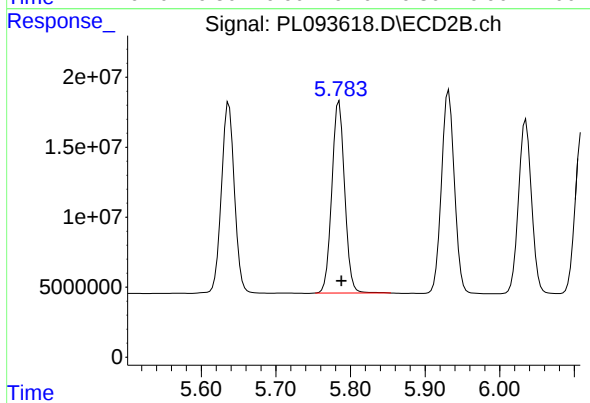
#15 Endosulfan II

R.T.: 5.932 min  
Delta R.T.: -0.002 min  
Response: 174265096  
Conc: 53.64 ng/ml



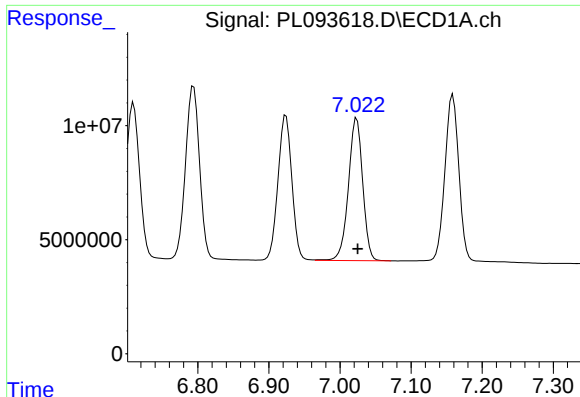
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: -0.001 min  
Response: 93479149  
Conc: 53.24 ng/ml



#16 4,4'-DDD

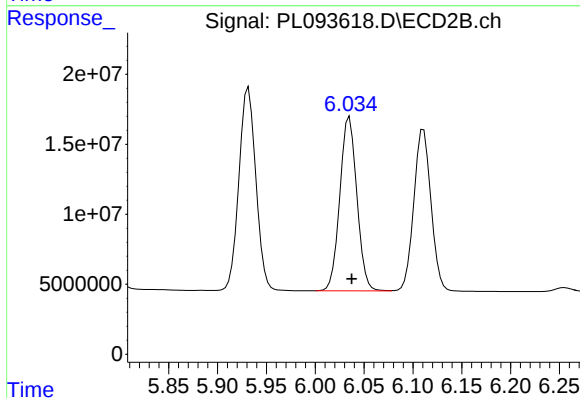
R.T.: 5.785 min  
Delta R.T.: -0.003 min  
Response: 164085550  
Conc: 57.98 ng/ml



#17 4,4'-DDT

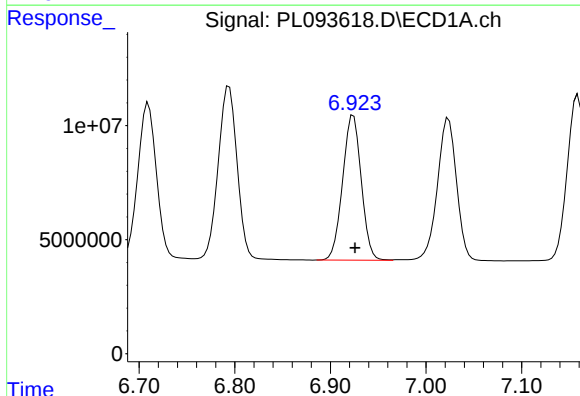
R.T.: 7.024 min  
Delta R.T.: -0.001 min  
Response: 87295969  
Conc: 47.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



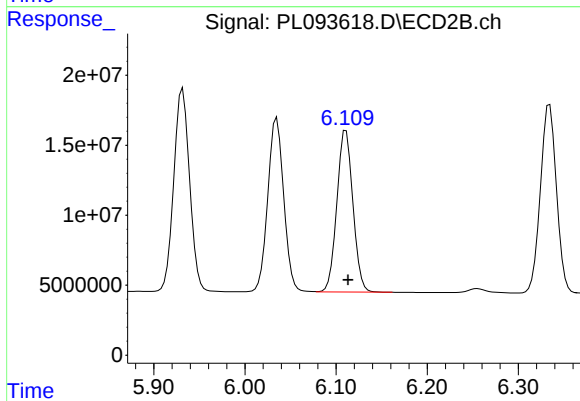
#17 4,4'-DDT

R.T.: 6.035 min  
Delta R.T.: -0.002 min  
Response: 150991263  
Conc: 49.99 ng/ml



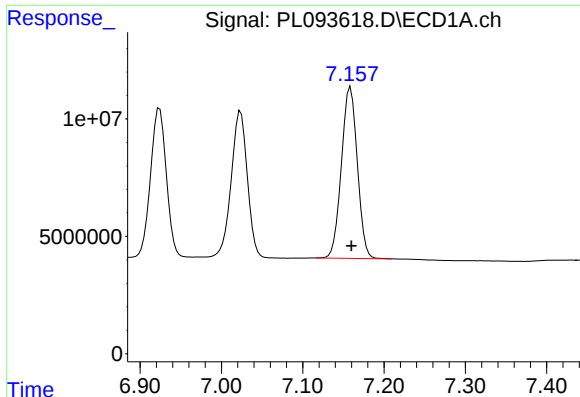
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: -0.002 min  
Response: 86430277  
Conc: 48.71 ng/ml



#18 Endrin aldehyde

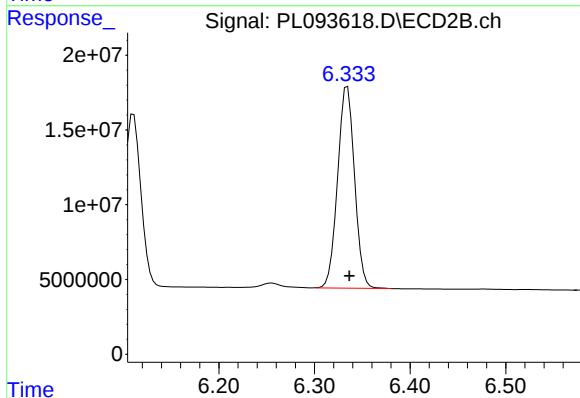
R.T.: 6.111 min  
Delta R.T.: -0.002 min  
Response: 141347437  
Conc: 52.49 ng/ml



#19 Endosulfan Sulfate

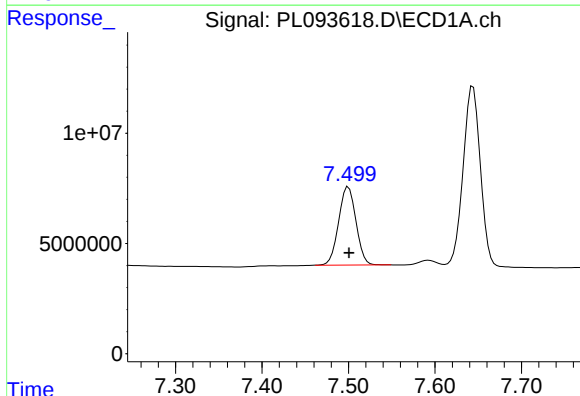
R.T.: 7.159 min  
Delta R.T.: -0.001 min  
Response: 98983391  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



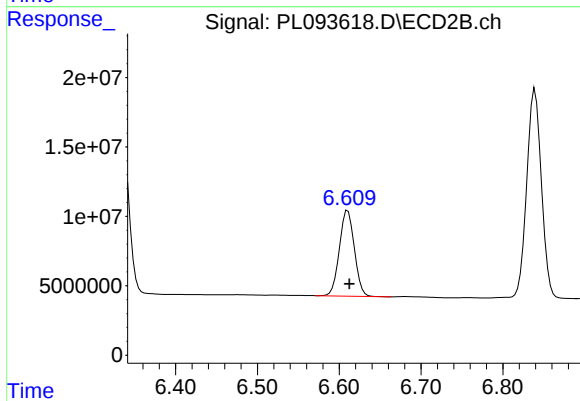
#19 Endosulfan Sulfate

R.T.: 6.334 min  
Delta R.T.: -0.002 min  
Response: 165941329  
Conc: 52.61 ng/ml



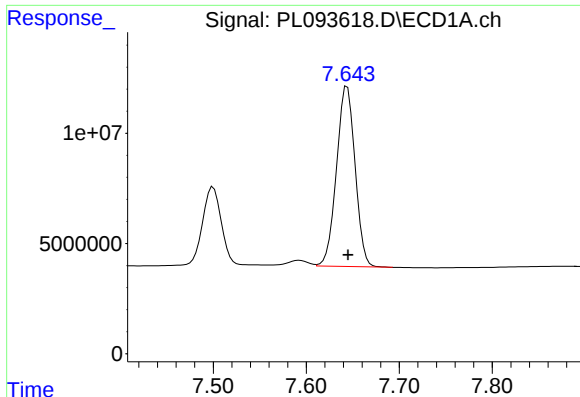
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.000 min  
Response: 49157821  
Conc: 49.17 ng/ml



#20 Methoxychlor

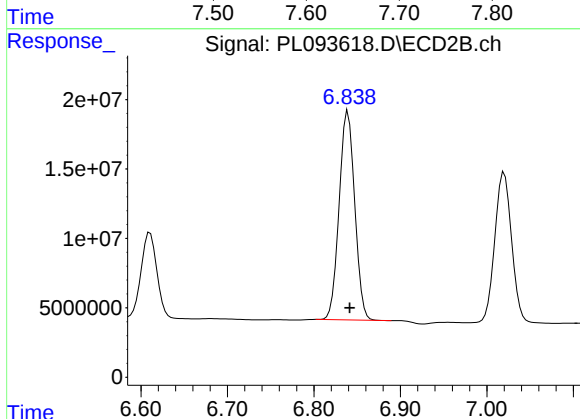
R.T.: 6.611 min  
Delta R.T.: -0.002 min  
Response: 78438334  
Conc: 48.73 ng/ml



#21 Endrin ketone

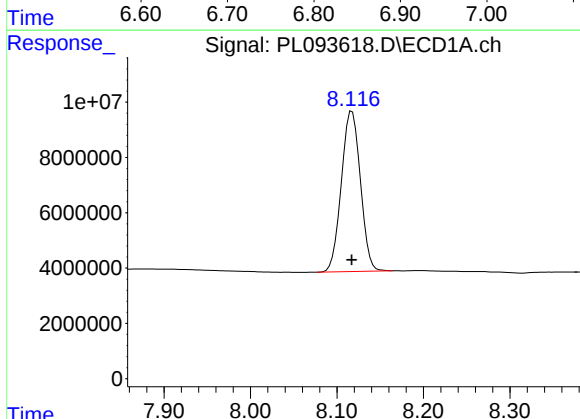
R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 113525737  
Conc: 50.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



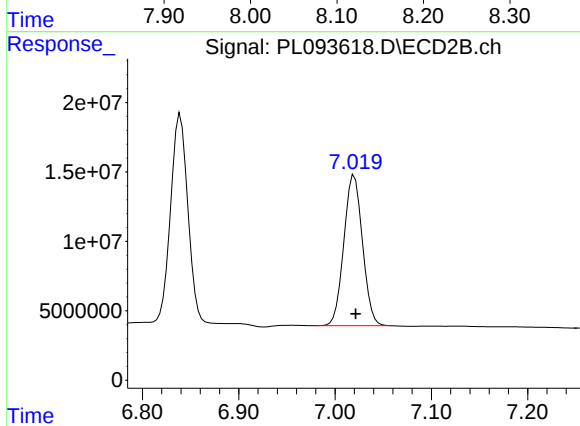
#21 Endrin ketone

R.T.: 6.839 min  
Delta R.T.: -0.002 min  
Response: 187280184  
Conc: 51.45 ng/ml



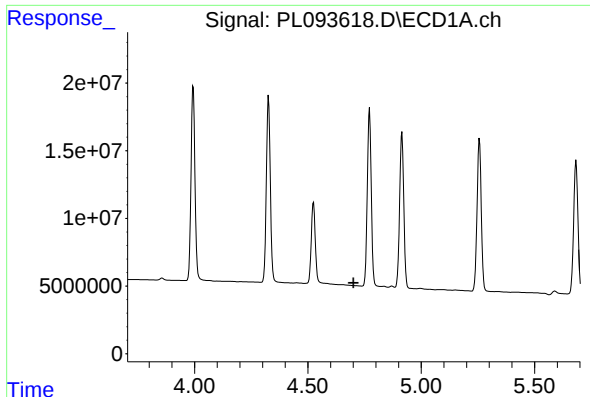
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.000 min  
Response: 88407723  
Conc: 47.31 ng/ml



#22 Mirex

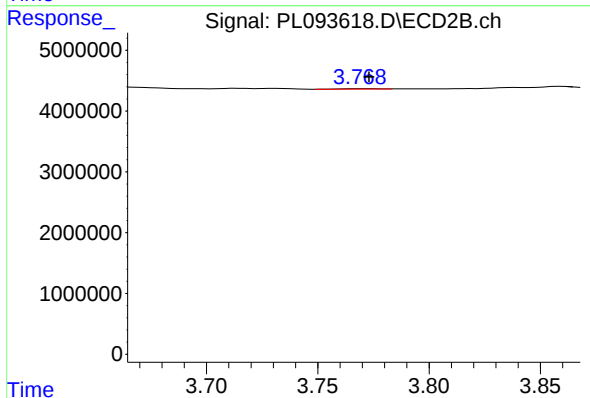
R.T.: 7.020 min  
Delta R.T.: -0.002 min  
Response: 145275625  
Conc: 47.53 ng/ml



#23 Chlordane-1

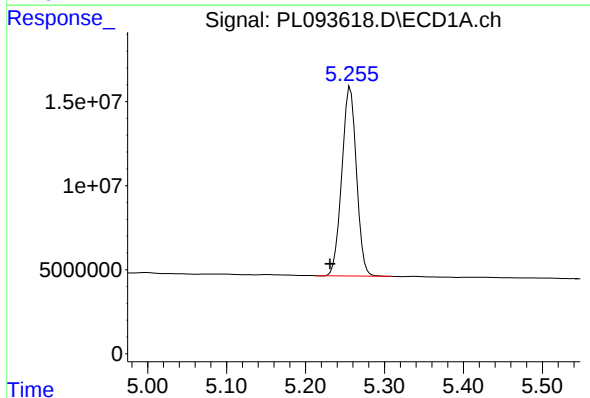
R.T.: 0.000 min  
Exp R.T.: 4.702 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



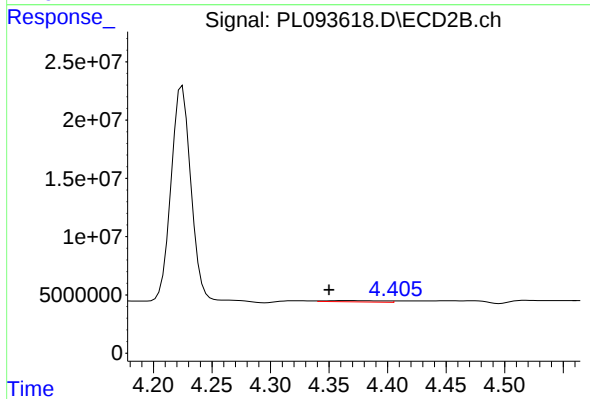
#23 Chlordane-1

R.T.: 3.769 min  
Delta R.T.: -0.004 min  
Response: 81023  
Conc: 0.67 ng/ml



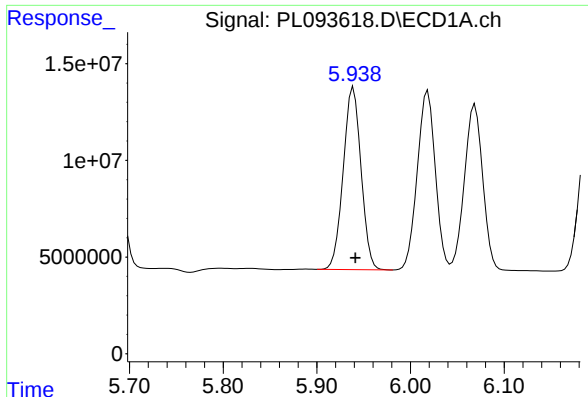
#24 Chlordane-2

R.T.: 5.257 min  
Delta R.T.: 0.026 min  
Response: 144879384  
Conc: 1317.99 ng/ml



#24 Chlordane-2

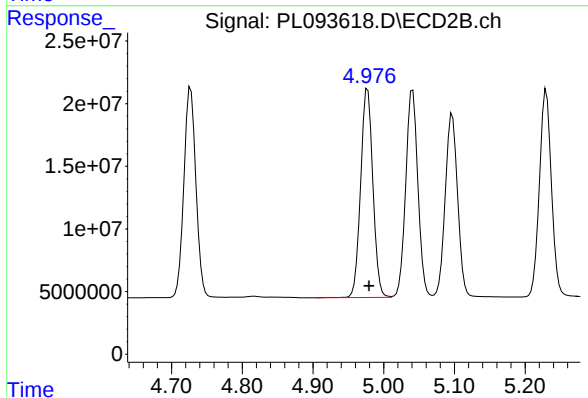
R.T.: 4.366 min  
Delta R.T.: 0.015 min  
Response: 3576529  
Conc: 25.77 ng/ml



#25 Chlordane-3

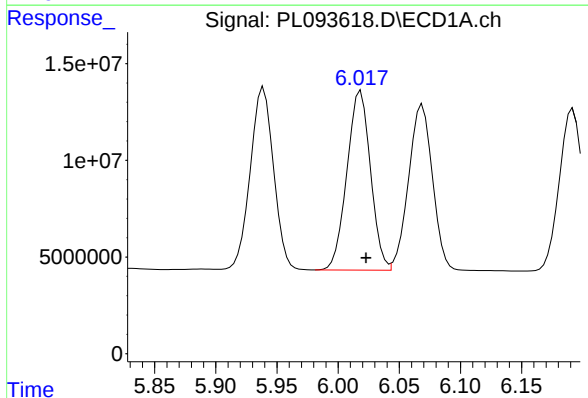
R.T.: 5.939 min  
Delta R.T.: -0.002 min  
Response: 124624634  
Conc: 327.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



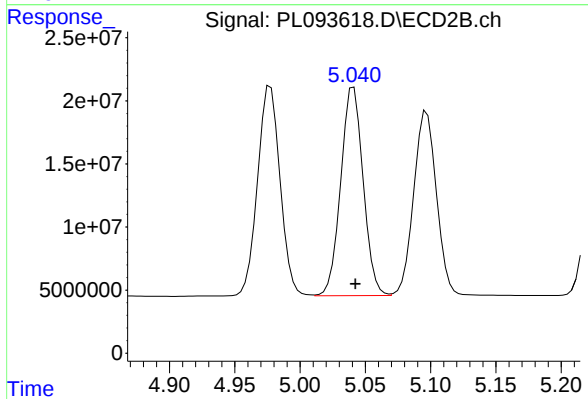
#25 Chlordane-3

R.T.: 4.977 min  
Delta R.T.: -0.002 min  
Response: 200297966  
Conc: 472.00 ng/ml



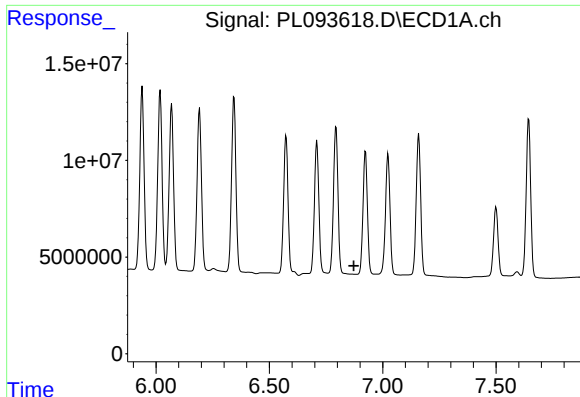
#26 Chlordane-4

R.T.: 6.019 min  
Delta R.T.: -0.004 min  
Response: 124149103  
Conc: 273.25 ng/ml



#26 Chlordane-4

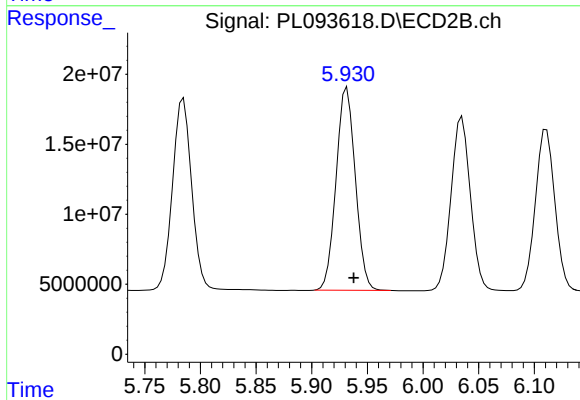
R.T.: 5.041 min  
Delta R.T.: -0.001 min  
Response: 197467517  
Conc: 480.06 ng/ml



#27 Chlordane-5

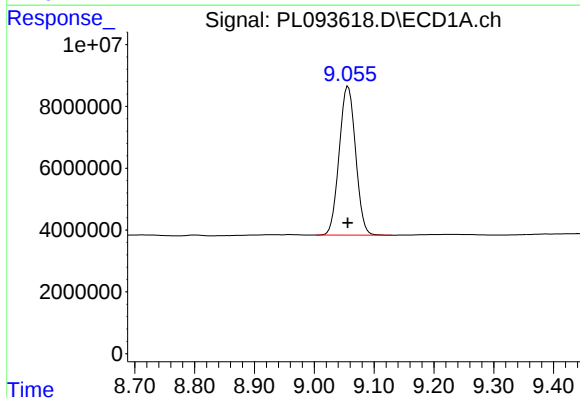
R.T.: 0.000 min  
Exp R.T.: 6.872 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



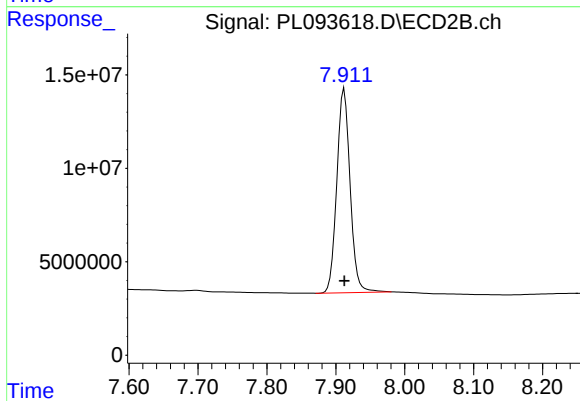
#27 Chlordane-5

R.T.: 5.932 min  
Delta R.T.: -0.006 min  
Response: 174265096  
Conc: 1308.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.000 min  
Response: 91810039  
Conc: 49.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: 0.000 min  
Response: 146483044  
Conc: 49.06 ng/ml