

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111824\  
 Data File : PL093100.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Nov 2024 09:59  
 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: Nov 19 01:23:41 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 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... | 3.539  | 2.777  | 131.2E6  | 150.4E6  | 53.541   | 55.280     |
| 28)                         | SA Decachlor... | 9.056  | 7.915  | 94113205 | 132.9E6  | 48.901   | 48.709     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.995  | 3.280  | 183.2E6  | 228.7E6  | 54.016   | 57.324     |
| 3)                          | MA gamma-BHC... | 4.328  | 3.610  | 174.0E6  | 220.5E6  | 53.390   | 57.137     |
| 4)                          | MA Heptachlor   | 4.916  | 3.948  | 153.7E6  | 209.4E6  | 51.167   | 55.485     |
| 5)                          | MB Aldrin       | 5.258  | 4.228  | 152.7E6  | 209.3E6  | 50.876   | 57.172     |
| 6)                          | B beta-BHC      | 4.525  | 3.909  | 75551642 | 91952124 | 52.268   | 55.856     |
| 7)                          | B delta-BHC     | 4.773  | 4.138  | 165.4E6  | 221.1E6  | 52.830   | 57.542     |
| 8)                          | B Heptachlo...  | 5.685  | 4.731  | 137.5E6  | 187.8E6  | 49.796   | 56.200     |
| 9)                          | A Endosulfan I  | 6.070  | 5.101  | 123.9E6  | 171.3E6  | 49.533   | 56.121     |
| 10)                         | B gamma-Chl...  | 5.941  | 4.981  | 130.6E6  | 192.2E6  | 49.102   | 57.171     |
| 11)                         | B alpha-Chl...  | 6.019  | 5.045  | 131.6E6  | 187.3E6  | 49.680   | 56.314     |
| 12)                         | B 4,4'-DDE      | 6.193  | 5.233  | 120.1E6  | 184.3E6  | 50.697   | 57.222     |
| 13)                         | MA Dieldrin     | 6.345  | 5.365  | 129.7E6  | 190.0E6  | 49.216   | 56.886     |
| 14)                         | MA Endrin       | 6.575  | 5.641  | 111.8E6  | 163.1E6  | 49.113   | 56.389     |
| 15)                         | B Endosulfa...  | 6.795  | 5.935  | 112.8E6  | 158.9E6  | 47.323   | 56.094     |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.788  | 98147932 | 144.5E6  | 51.131   | 58.040     |
| 17)                         | MA 4,4'-DDT     | 7.024  | 6.039  | 101.2E6  | 147.0E6  | 48.901   | 54.794     |
| 18)                         | B Endrin al...  | 6.924  | 6.114  | 91849680 | 126.9E6  | 48.909   | 54.988     |
| 19)                         | B Endosulfa...  | 7.159  | 6.338  | 105.2E6  | 147.2E6  | 48.460   | 54.574     |
| 20)                         | A Methoxychlor  | 7.500  | 6.614  | 55609879 | 74018389 | 48.781   | 51.833     |
| 21)                         | B Endrin ke...  | 7.644  | 6.843  | 117.7E6  | 167.6E6  | 48.560   | 54.609     |
| 22)                         | Mirex           | 8.117  | 7.023  | 92964099 | 135.1E6  | 46.911   | 51.784     |
| 23)                         | Chlordane-1     | 0.000  | 3.802f | 0        | 40325    | N.D.     | 0.380 #    |
| 24)                         | Chlordane-2     | 5.258f | 4.367  | 152.7E6  | 415127   | 1332.320 | 3.352 #    |
| 25)                         | Chlordane-3     | 5.941  | 4.981  | 130.6E6  | 192.2E6  | 334.709  | 529.915 #  |
| 26)                         | Chlordane-4     | 6.019  | 5.045  | 131.6E6  | 187.3E6  | 275.226  | 535.437 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.935  | 0        | 158.9E6  | N.D.     | 1253.319 # |
| -----                       |                 |        |        |          |          |          |            |

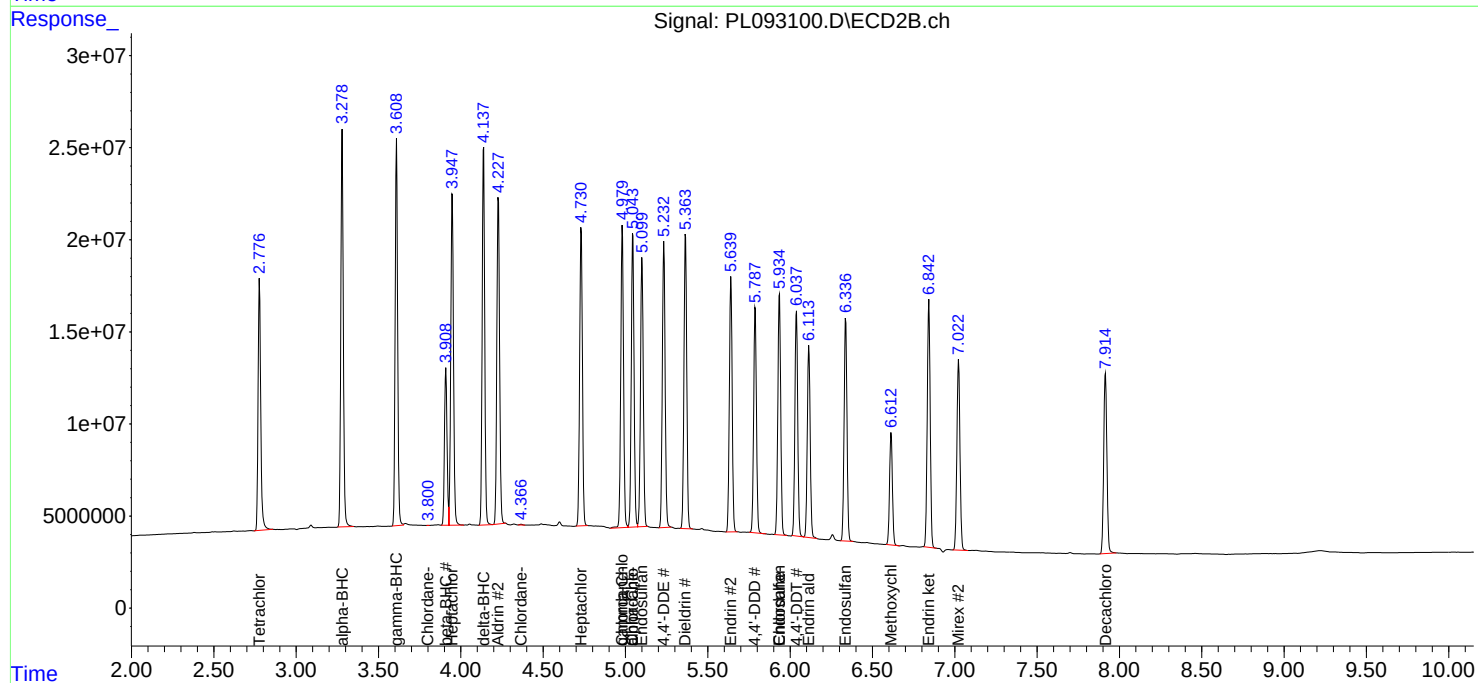
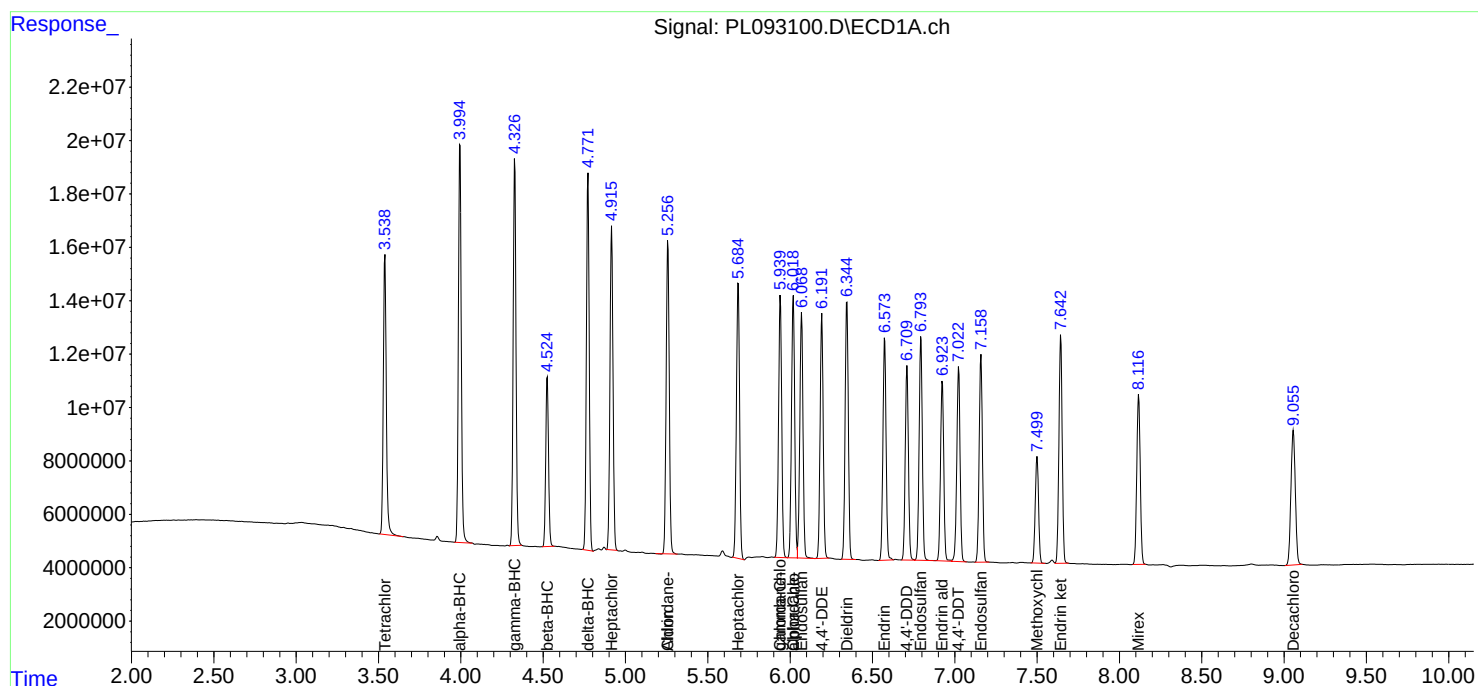
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

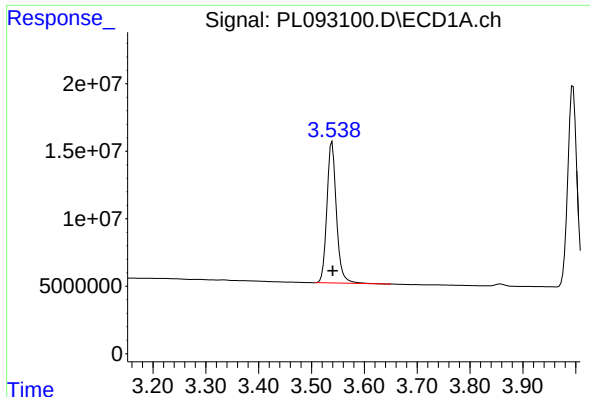
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111824\  
Data File : PL093100.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Nov 2024 09:59  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 19 01:23:41 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 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

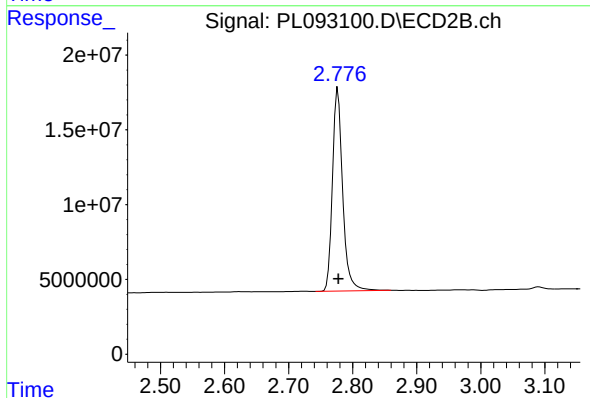




#1 Tetrachloro-m-xylene

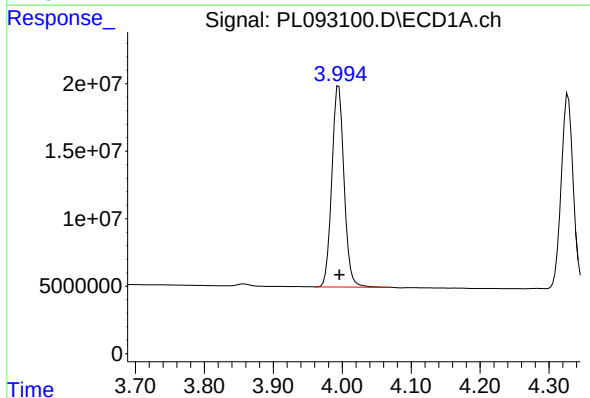
R.T.: 3.539 min  
Delta R.T.: -0.001 min  
Response: 131188579  
Conc: 53.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



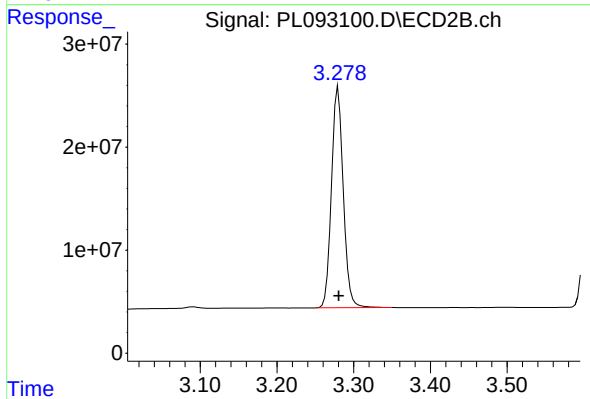
#1 Tetrachloro-m-xylene

R.T.: 2.777 min  
Delta R.T.: 0.000 min  
Response: 150426193  
Conc: 55.28 ng/ml



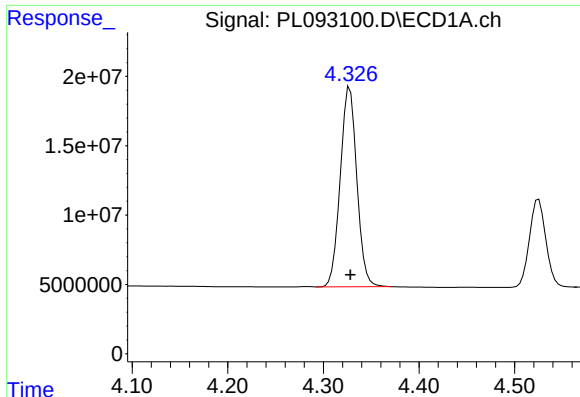
#2 alpha-BHC

R.T.: 3.995 min  
Delta R.T.: 0.000 min  
Response: 183198132  
Conc: 54.02 ng/ml



#2 alpha-BHC

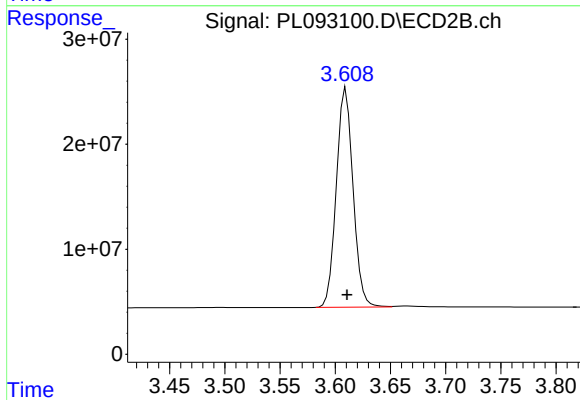
R.T.: 3.280 min  
Delta R.T.: 0.000 min  
Response: 228734192  
Conc: 57.32 ng/ml



#3 gamma-BHC (Lindane)

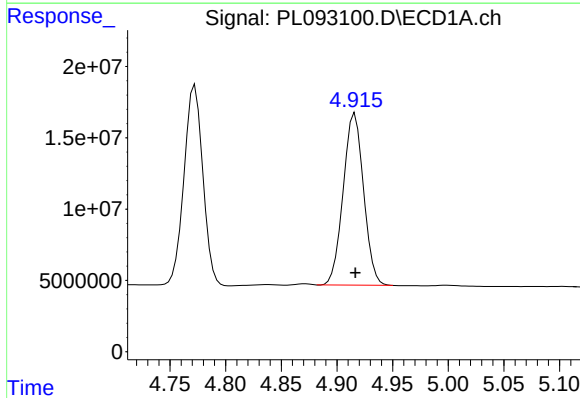
R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 174027648  
Conc: 53.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



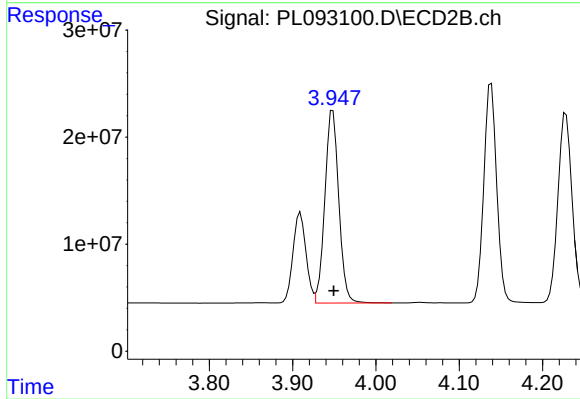
#3 gamma-BHC (Lindane)

R.T.: 3.610 min  
Delta R.T.: 0.000 min  
Response: 220517018  
Conc: 57.14 ng/ml



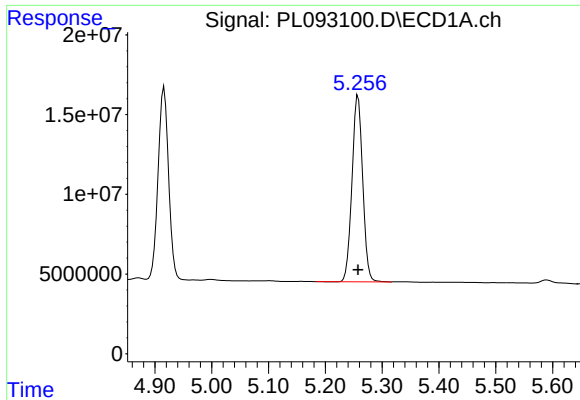
#4 Heptachlor

R.T.: 4.916 min  
Delta R.T.: 0.000 min  
Response: 153661779  
Conc: 51.17 ng/ml



#4 Heptachlor

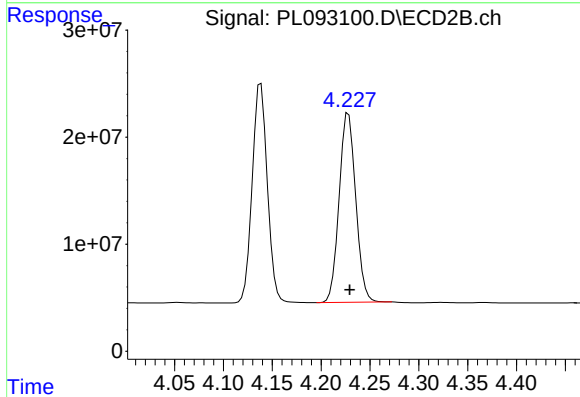
R.T.: 3.948 min  
Delta R.T.: -0.001 min  
Response: 209397038  
Conc: 55.49 ng/ml



#5 Aldrin

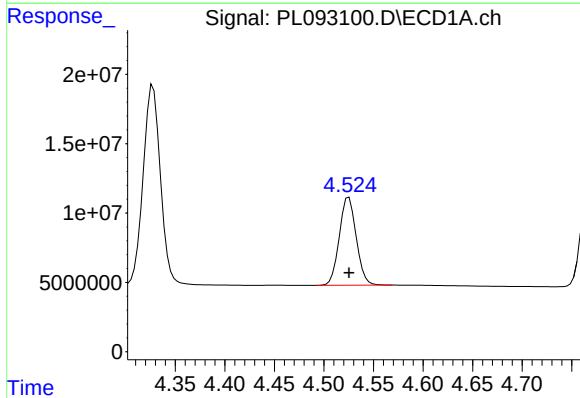
R.T.: 5.258 min  
Delta R.T.: 0.000 min  
Response: 152702313  
Conc: 50.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



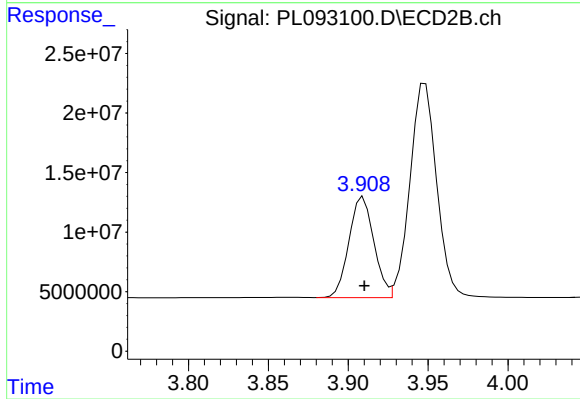
#5 Aldrin

R.T.: 4.228 min  
Delta R.T.: -0.001 min  
Response: 209261305  
Conc: 57.17 ng/ml



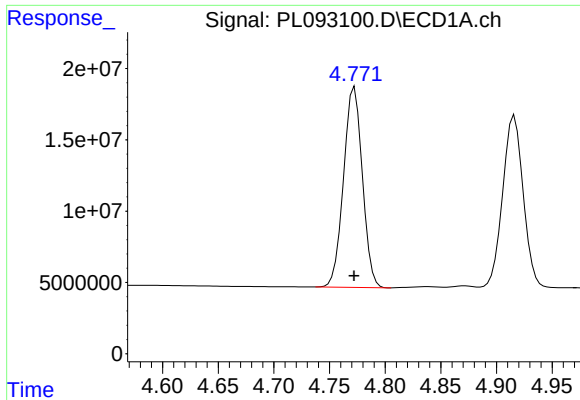
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 75551642  
Conc: 52.27 ng/ml



#6 beta-BHC

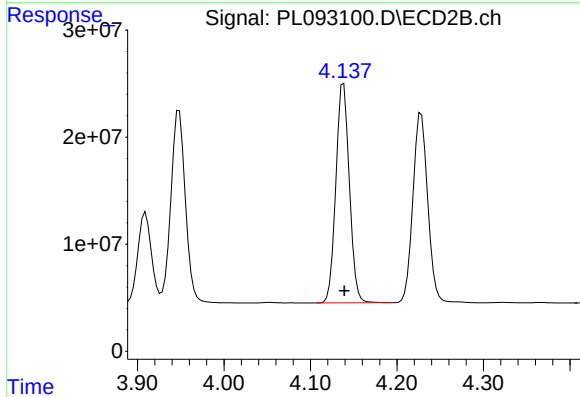
R.T.: 3.909 min  
Delta R.T.: 0.000 min  
Response: 91952124  
Conc: 55.86 ng/ml



#7 delta-BHC

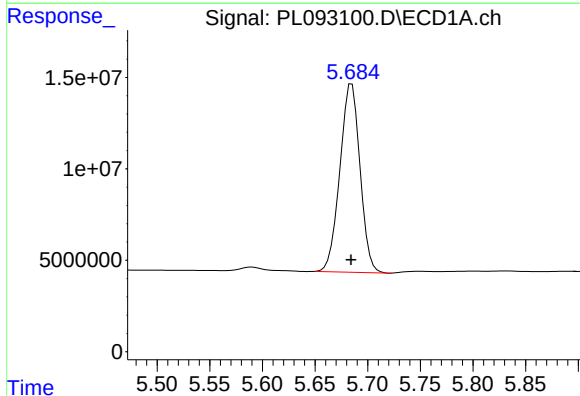
R.T.: 4.773 min  
Delta R.T.: 0.000 min  
Response: 165350767  
Conc: 52.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



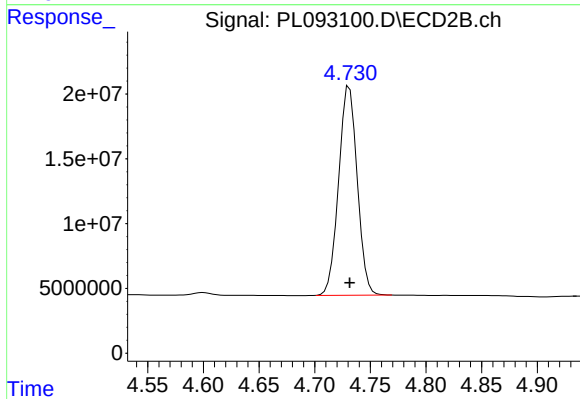
#7 delta-BHC

R.T.: 4.138 min  
Delta R.T.: 0.000 min  
Response: 221141964  
Conc: 57.54 ng/ml



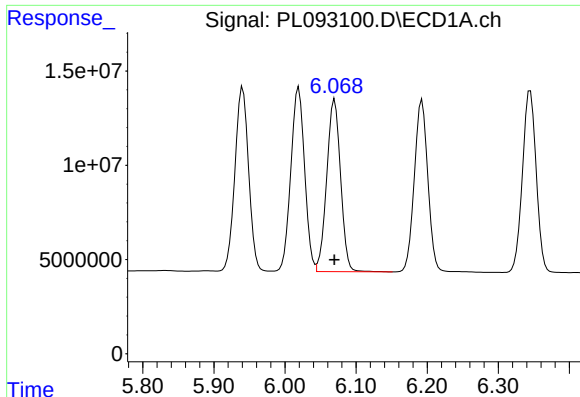
#8 Heptachlor epoxide

R.T.: 5.685 min  
Delta R.T.: 0.000 min  
Response: 137506647  
Conc: 49.80 ng/ml



#8 Heptachlor epoxide

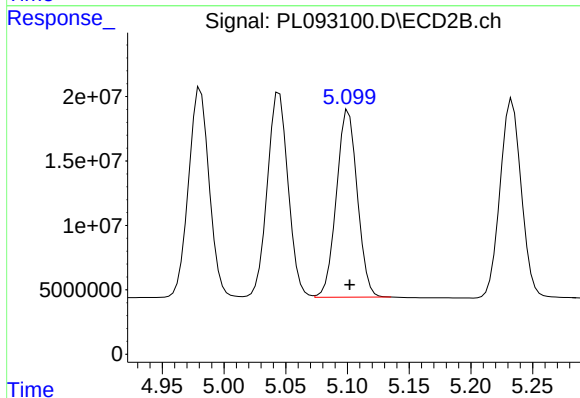
R.T.: 4.731 min  
Delta R.T.: 0.000 min  
Response: 187785508  
Conc: 56.20 ng/ml



#9 Endosulfan I

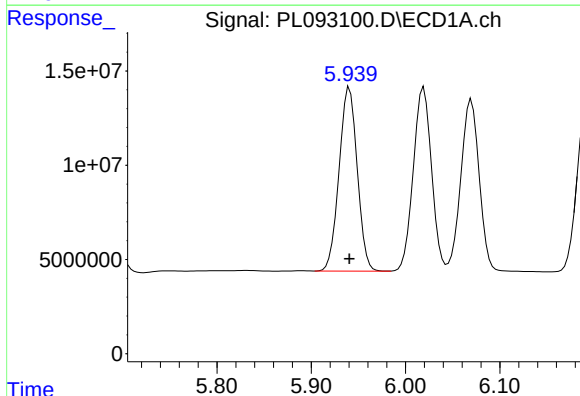
R.T.: 6.070 min  
Delta R.T.: 0.000 min  
Response: 123900206  
Conc: 49.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



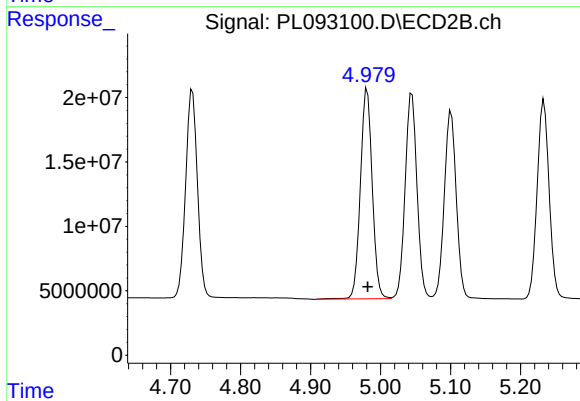
#9 Endosulfan I

R.T.: 5.101 min  
Delta R.T.: -0.001 min  
Response: 171345517  
Conc: 56.12 ng/ml



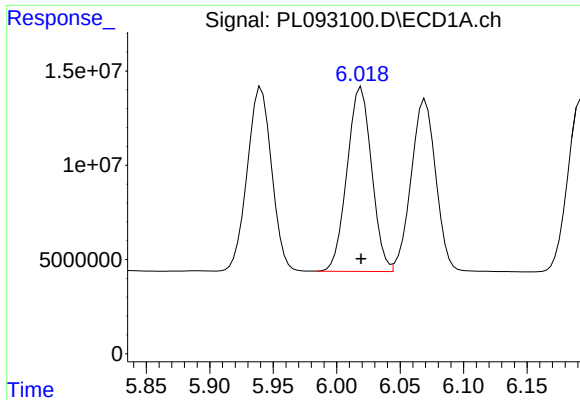
#10 gamma-Chlordane

R.T.: 5.941 min  
Delta R.T.: 0.000 min  
Response: 130642243  
Conc: 49.10 ng/ml



#10 gamma-Chlordane

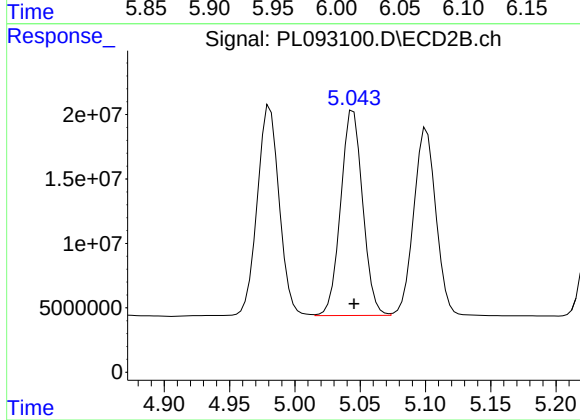
R.T.: 4.981 min  
Delta R.T.: -0.001 min  
Response: 192191299  
Conc: 57.17 ng/ml



#11 alpha-Chlordane

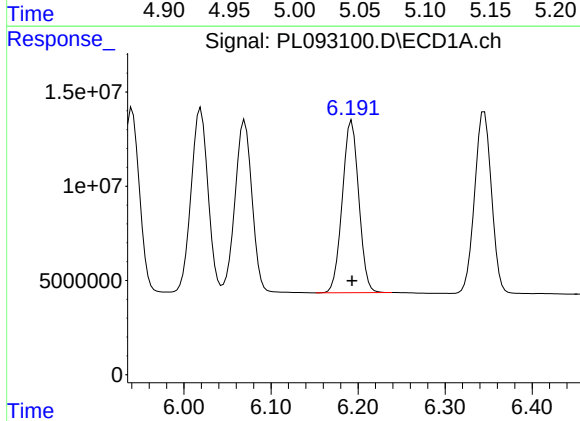
R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 131559642  
Conc: 49.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



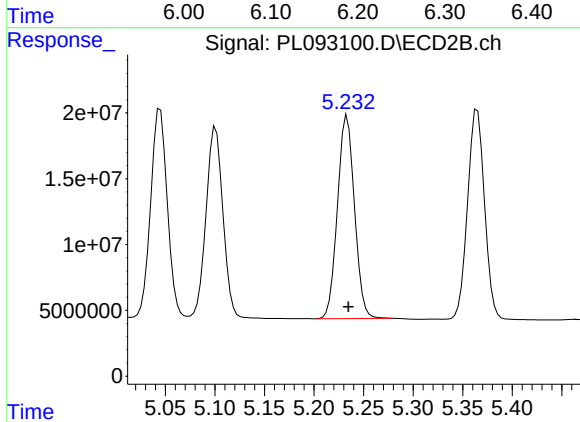
#11 alpha-Chlordane

R.T.: 5.045 min  
Delta R.T.: 0.000 min  
Response: 187303173  
Conc: 56.31 ng/ml



#12 4,4'-DDE

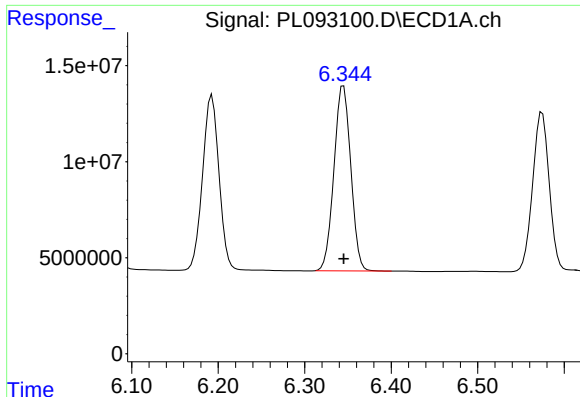
R.T.: 6.193 min  
Delta R.T.: 0.000 min  
Response: 120111834  
Conc: 50.70 ng/ml



#12 4,4'-DDE

R.T.: 5.233 min  
Delta R.T.: -0.001 min  
Response: 184346381  
Conc: 57.22 ng/ml

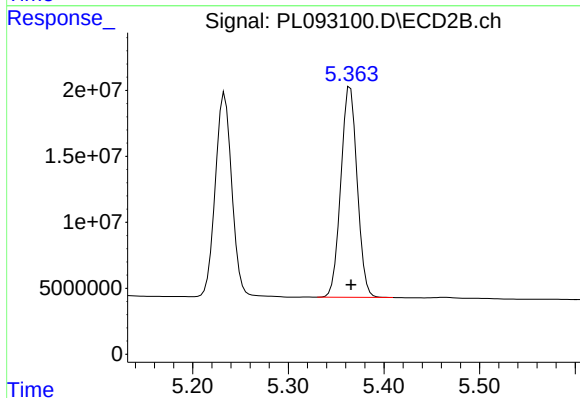




#13 Dieldrin

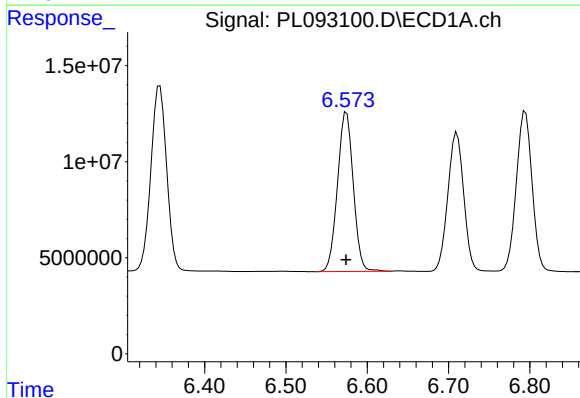
R.T.: 6.345 min  
Delta R.T.: 0.000 min  
Response: 129707341  
Conc: 49.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



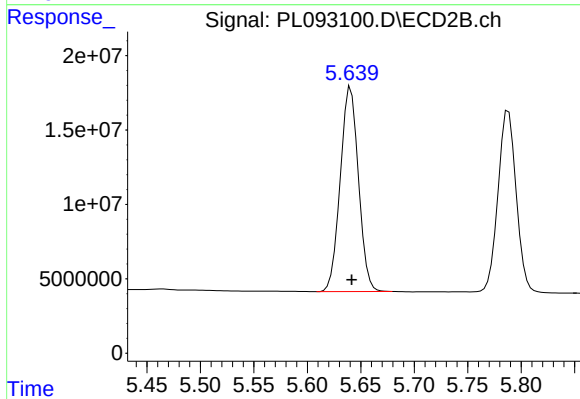
#13 Dieldrin

R.T.: 5.365 min  
Delta R.T.: -0.001 min  
Response: 190016994  
Conc: 56.89 ng/ml



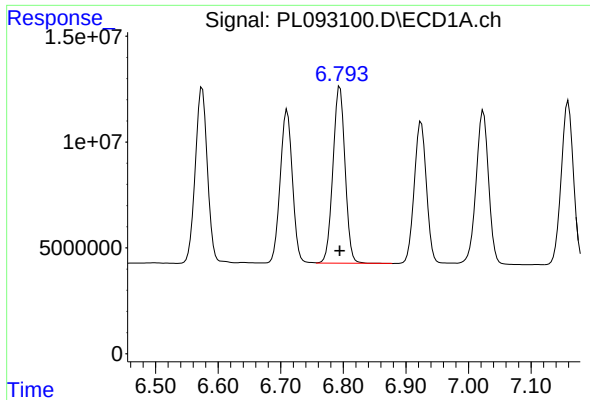
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: 0.000 min  
Response: 111813453  
Conc: 49.11 ng/ml



#14 Endrin

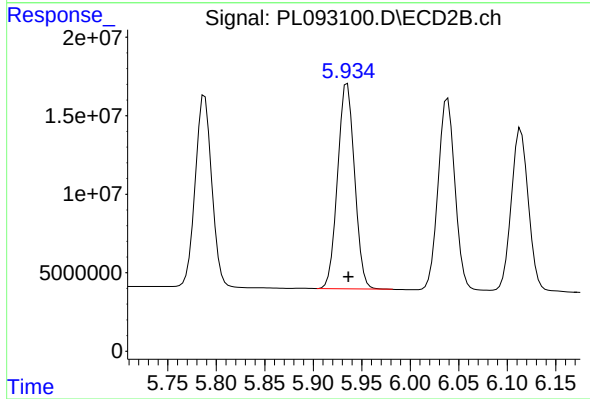
R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 163132408  
Conc: 56.39 ng/ml



#15 Endosulfan II

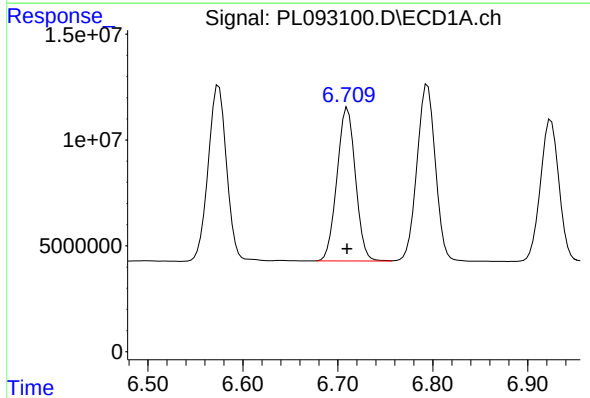
R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 112809469  
Conc: 47.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



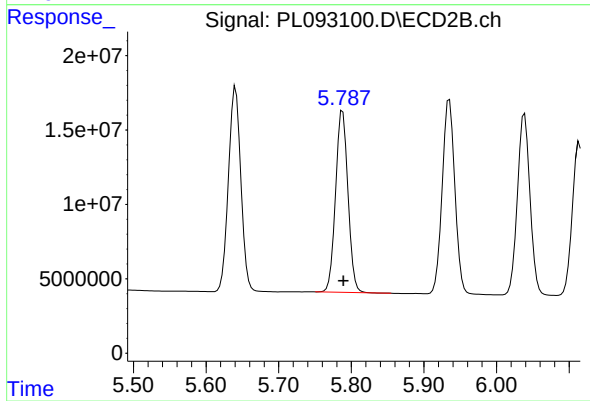
#15 Endosulfan II

R.T.: 5.935 min  
Delta R.T.: 0.000 min  
Response: 158930819  
Conc: 56.09 ng/ml



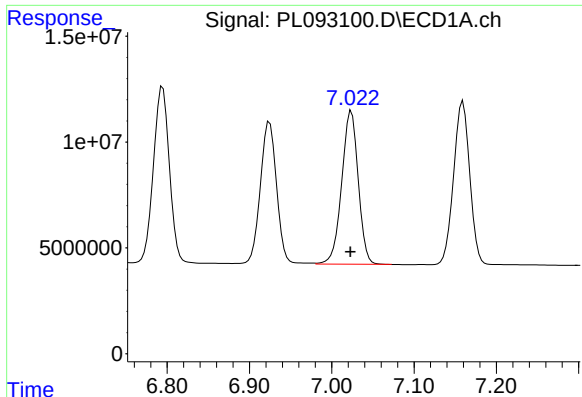
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: 0.000 min  
Response: 98147932  
Conc: 51.13 ng/ml



#16 4,4'-DDD

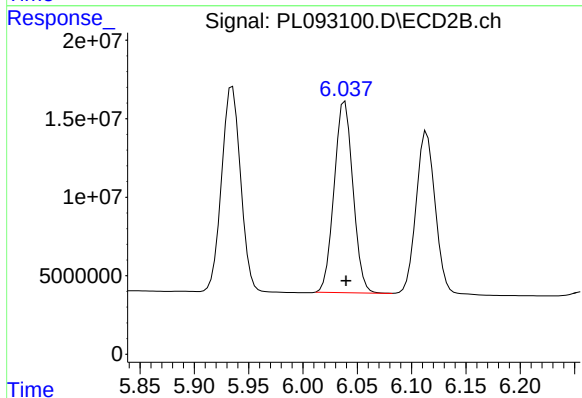
R.T.: 5.788 min  
Delta R.T.: -0.001 min  
Response: 144523188  
Conc: 58.04 ng/ml



#17 4,4'-DDT

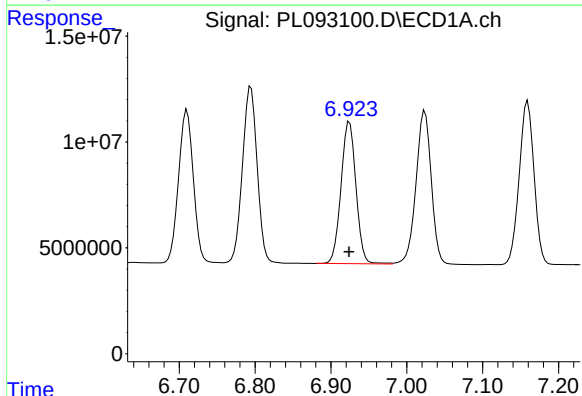
R.T.: 7.024 min  
Delta R.T.: 0.001 min  
Response: 101212390  
Conc: 48.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



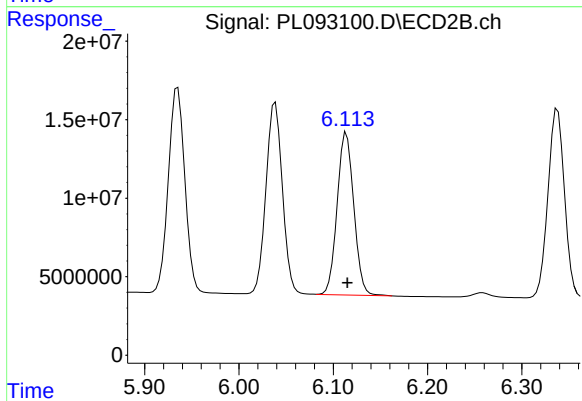
#17 4,4'-DDT

R.T.: 6.039 min  
Delta R.T.: -0.001 min  
Response: 146971410  
Conc: 54.79 ng/ml



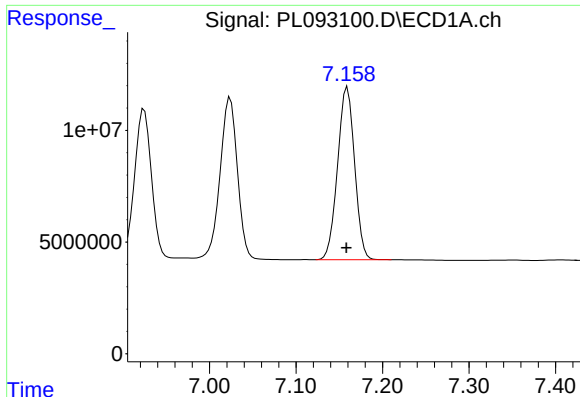
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 91849680  
Conc: 48.91 ng/ml



#18 Endrin aldehyde

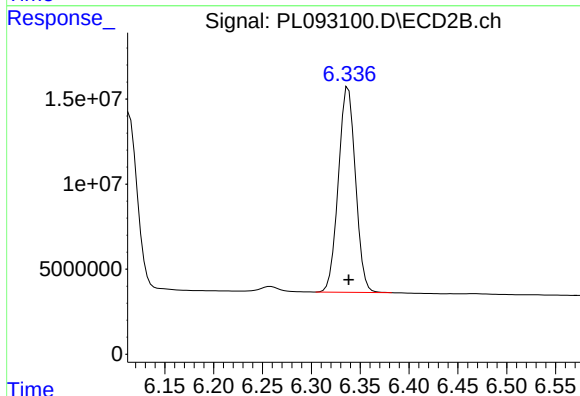
R.T.: 6.114 min  
Delta R.T.: -0.001 min  
Response: 126871788  
Conc: 54.99 ng/ml



#19 Endosulfan Sulfate

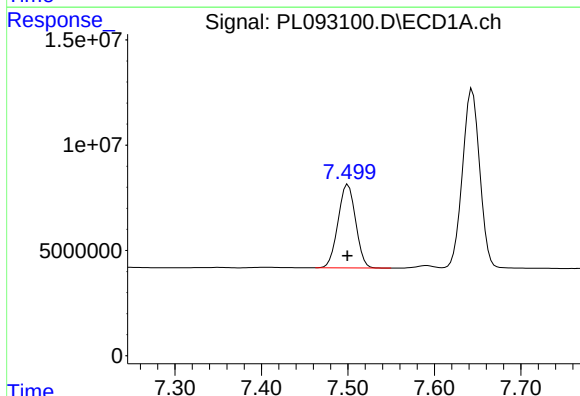
R.T.: 7.159 min  
Delta R.T.: 0.001 min  
Response: 105174368  
Conc: 48.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



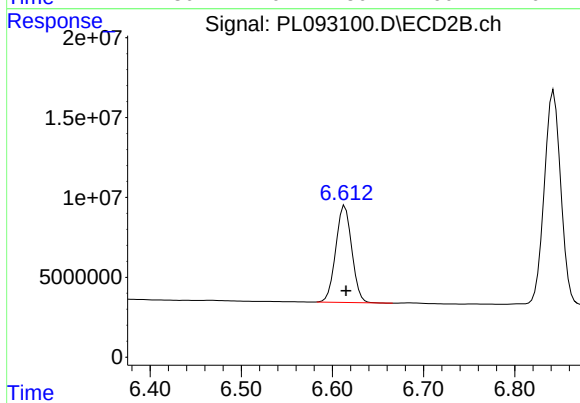
#19 Endosulfan Sulfate

R.T.: 6.338 min  
Delta R.T.: 0.000 min  
Response: 147180528  
Conc: 54.57 ng/ml



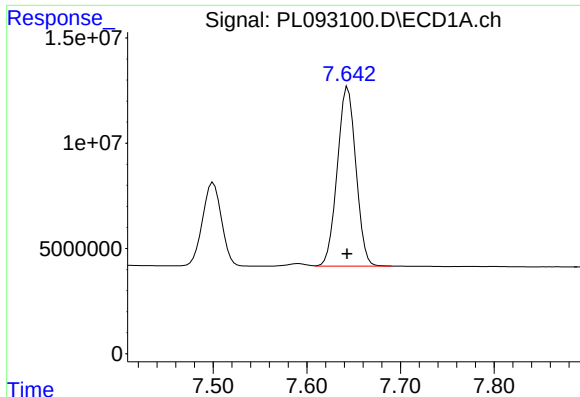
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.000 min  
Response: 55609879  
Conc: 48.78 ng/ml



#20 Methoxychlor

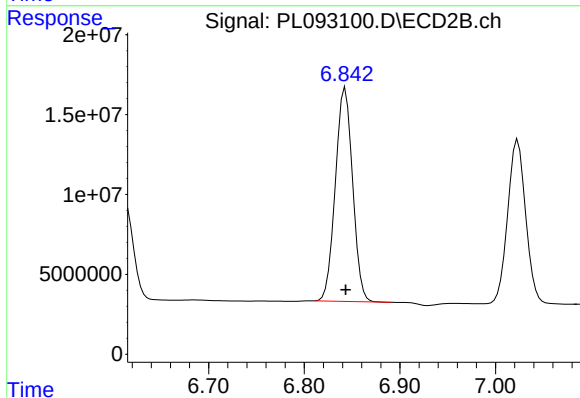
R.T.: 6.614 min  
Delta R.T.: -0.001 min  
Response: 74018389  
Conc: 51.83 ng/ml



#21 Endrin ketone

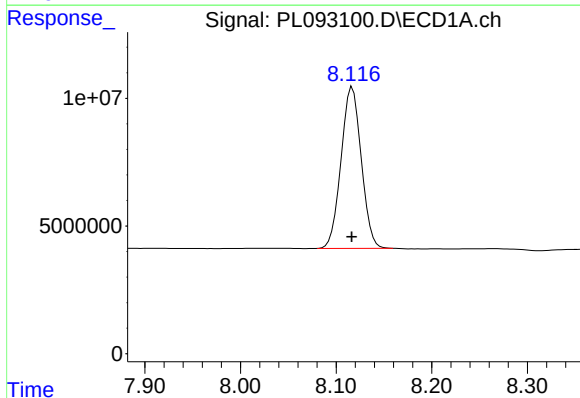
R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 117652292  
Conc: 48.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



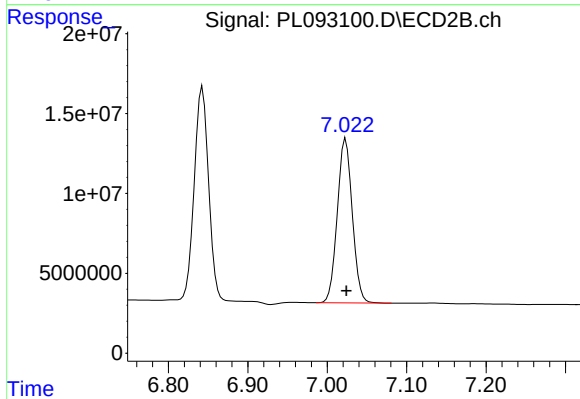
#21 Endrin ketone

R.T.: 6.843 min  
Delta R.T.: 0.000 min  
Response: 167583675  
Conc: 54.61 ng/ml



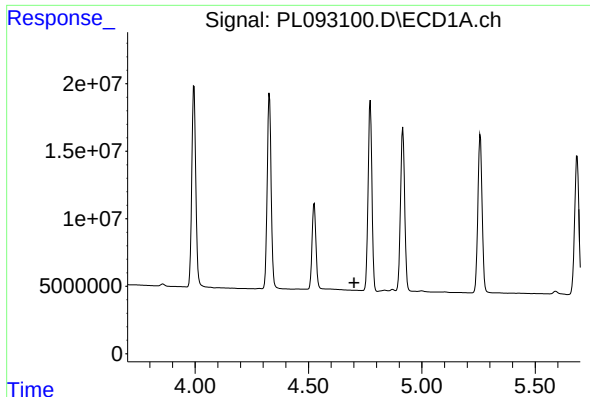
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.000 min  
Response: 92964099  
Conc: 46.91 ng/ml



#22 Mirex

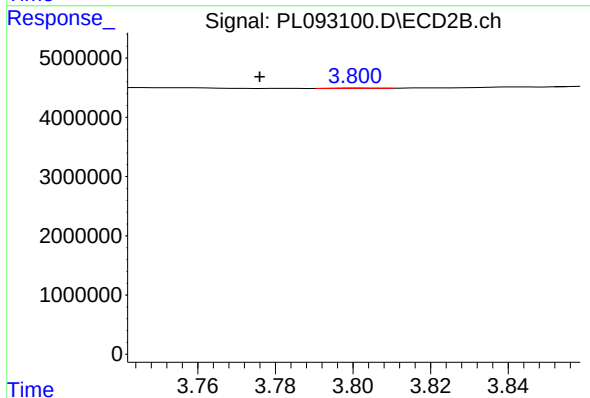
R.T.: 7.023 min  
Delta R.T.: -0.001 min  
Response: 135109581  
Conc: 51.78 ng/ml



#23 Chlordane-1

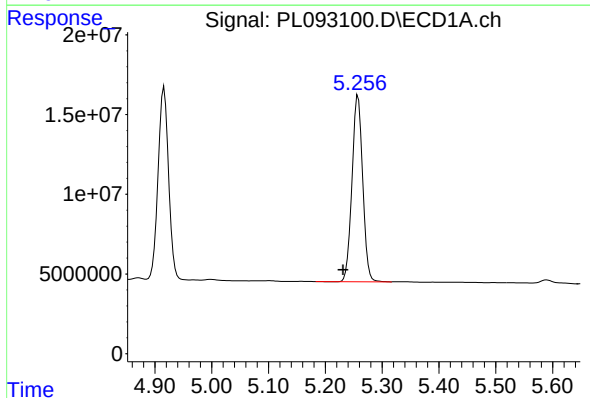
R.T.: 0.000 min  
Exp R.T.: 4.702 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



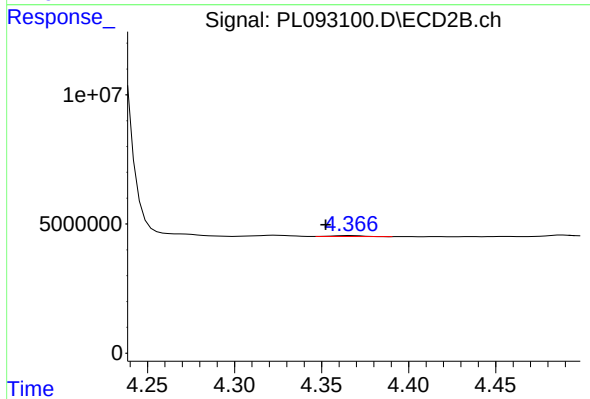
#23 Chlordane-1

R.T.: 3.802 min  
Delta R.T.: 0.026 min  
Response: 40325  
Conc: 0.38 ng/ml



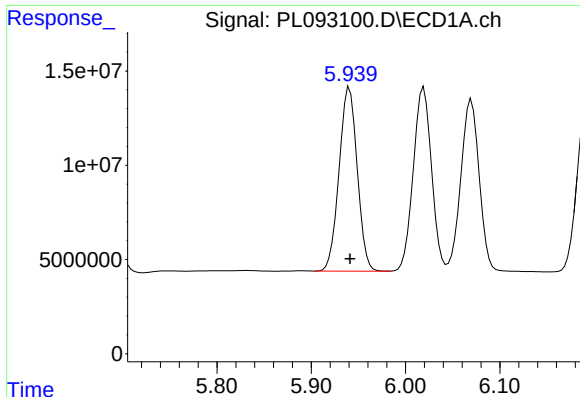
#24 Chlordane-2

R.T.: 5.258 min  
Delta R.T.: 0.026 min  
Response: 152702313  
Conc: 1332.32 ng/ml



#24 Chlordane-2

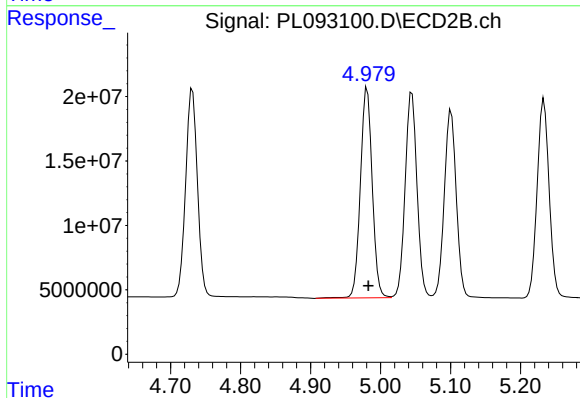
R.T.: 4.367 min  
Delta R.T.: 0.014 min  
Response: 415127  
Conc: 3.35 ng/ml



#25 Chlordane-3

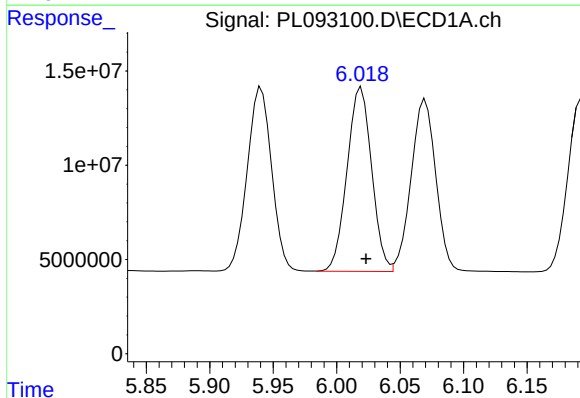
R.T.: 5.941 min  
Delta R.T.: 0.000 min  
Response: 130642243  
Conc: 334.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



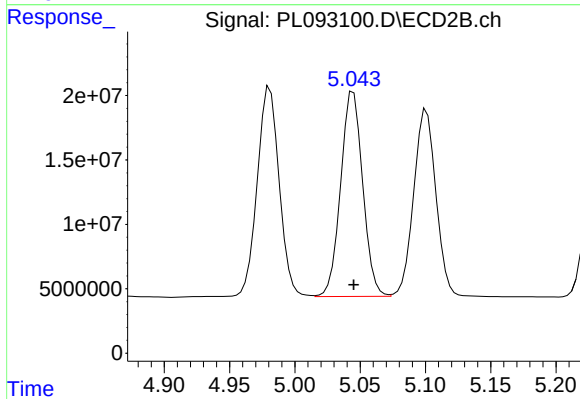
#25 Chlordane-3

R.T.: 4.981 min  
Delta R.T.: -0.002 min  
Response: 192191299  
Conc: 529.92 ng/ml



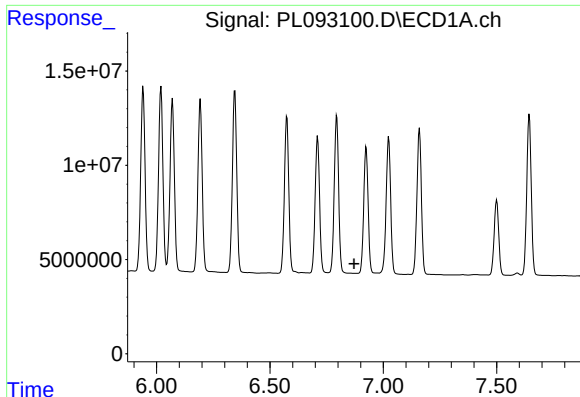
#26 Chlordane-4

R.T.: 6.019 min  
Delta R.T.: -0.004 min  
Response: 131559642  
Conc: 275.23 ng/ml



#26 Chlordane-4

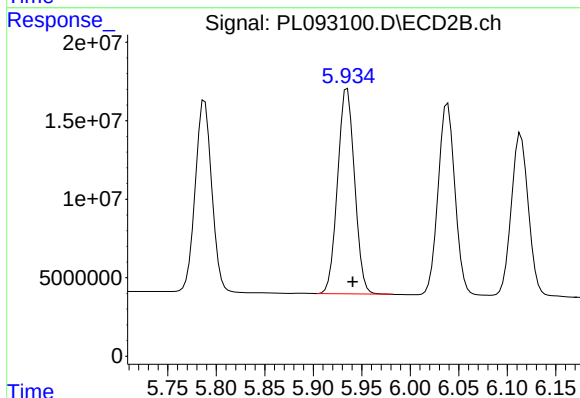
R.T.: 5.045 min  
Delta R.T.: 0.000 min  
Response: 187303173  
Conc: 535.44 ng/ml



#27 Chlordane-5

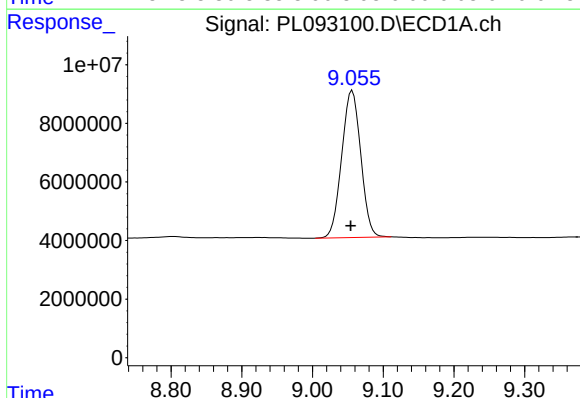
R.T.: 0.000 min  
Exp R.T.: 6.872 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



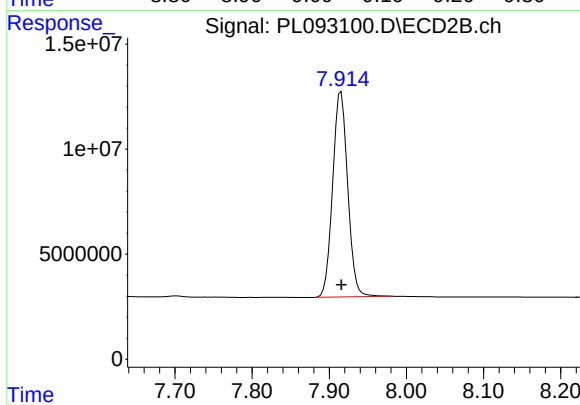
#27 Chlordane-5

R.T.: 5.935 min  
Delta R.T.: -0.006 min  
Response: 158930819  
Conc: 1253.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: 0.002 min  
Response: 94113205  
Conc: 48.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min  
Delta R.T.: 0.000 min  
Response: 132937859  
Conc: 48.71 ng/ml