

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122724\  
 Data File : PL093530.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Dec 2024 10:30  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 28 00:53:30 2024  
 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... | 3.539  | 2.775 | 130.9E6  | 156.7E6  | 52.857   | 53.816     |
| 28)                         | SA Decachlor... | 9.056  | 7.911 | 98992365 | 166.8E6  | 53.538   | 55.868     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.995  | 3.277 | 184.7E6  | 239.2E6  | 53.511   | 55.037     |
| 3)                          | MA gamma-BHC... | 4.328  | 3.608 | 176.9E6  | 232.8E6  | 53.955   | 55.182     |
| 4)                          | MA Heptachlor   | 4.916  | 3.946 | 157.7E6  | 230.7E6  | 53.843   | 55.511     |
| 5)                          | MB Aldrin       | 5.258  | 4.226 | 154.8E6  | 227.6E6  | 53.211   | 55.473     |
| 6)                          | B beta-BHC      | 4.526  | 3.908 | 77687840 | 97874495 | 53.890   | 54.451     |
| 7)                          | B delta-BHC     | 4.773  | 4.137 | 168.7E6  | 236.7E6  | 55.083   | 55.984     |
| 8)                          | B Heptachlo...  | 5.684  | 4.728 | 140.1E6  | 208.8E6  | 53.170   | 54.543     |
| 9)                          | A Endosulfan I  | 6.070  | 5.098 | 124.9E6  | 188.3E6  | 52.942   | 53.883     |
| 10)                         | B gamma-Chl...  | 5.940  | 4.979 | 133.3E6  | 213.0E6  | 53.024   | 55.286     |
| 11)                         | B alpha-Chl...  | 6.019  | 5.042 | 133.5E6  | 210.2E6  | 53.350   | 55.208     |
| 12)                         | B 4,4'-DDE      | 6.193  | 5.231 | 122.1E6  | 206.4E6  | 54.401   | 56.126     |
| 13)                         | MA Dieldrin     | 6.345  | 5.363 | 132.3E6  | 213.8E6  | 53.016   | 55.482     |
| 14)                         | MA Endrin       | 6.575  | 5.638 | 114.2E6  | 185.1E6  | 53.045   | 55.965     |
| 15)                         | B Endosulfa...  | 6.794  | 5.933 | 115.1E6  | 184.6E6  | 50.652   | 56.808     |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.786 | 97394367 | 163.4E6  | 55.465   | 57.737     |
| 17)                         | MA 4,4'-DDT     | 7.024  | 6.036 | 102.4E6  | 174.2E6  | 55.391   | 57.691     |
| 18)                         | B Endrin al...  | 6.925  | 6.112 | 93893226 | 148.6E6  | 52.912   | 55.178     |
| 19)                         | B Endosulfa...  | 7.159  | 6.335 | 107.8E6  | 176.0E6  | 53.388   | 55.788     |
| 20)                         | A Methoxychlor  | 7.500  | 6.611 | 56312555 | 91404985 | 56.331   | 56.786     |
| 21)                         | B Endrin ke...  | 7.644  | 6.840 | 120.1E6  | 202.8E6  | 53.512   | 55.717     |
| 22)                         | Mirex           | 8.117  | 7.020 | 98319398 | 165.5E6  | 52.613   | 54.139     |
| 24)                         | Chlordane-2     | 5.258f | 4.365 | 154.8E6  | 1600903  | 1408.100 | 11.533 #   |
| 25)                         | Chlordane-3     | 5.940  | 4.979 | 133.3E6  | 213.0E6  | 350.601  | 501.974 #  |
| 26)                         | Chlordane-4     | 6.019  | 5.042 | 133.5E6  | 210.2E6  | 293.896  | 511.013 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.933 | 0        | 184.6E6  | N.D.     | 1386.226 # |
| -----                       |                 |        |       |          |          |          |            |

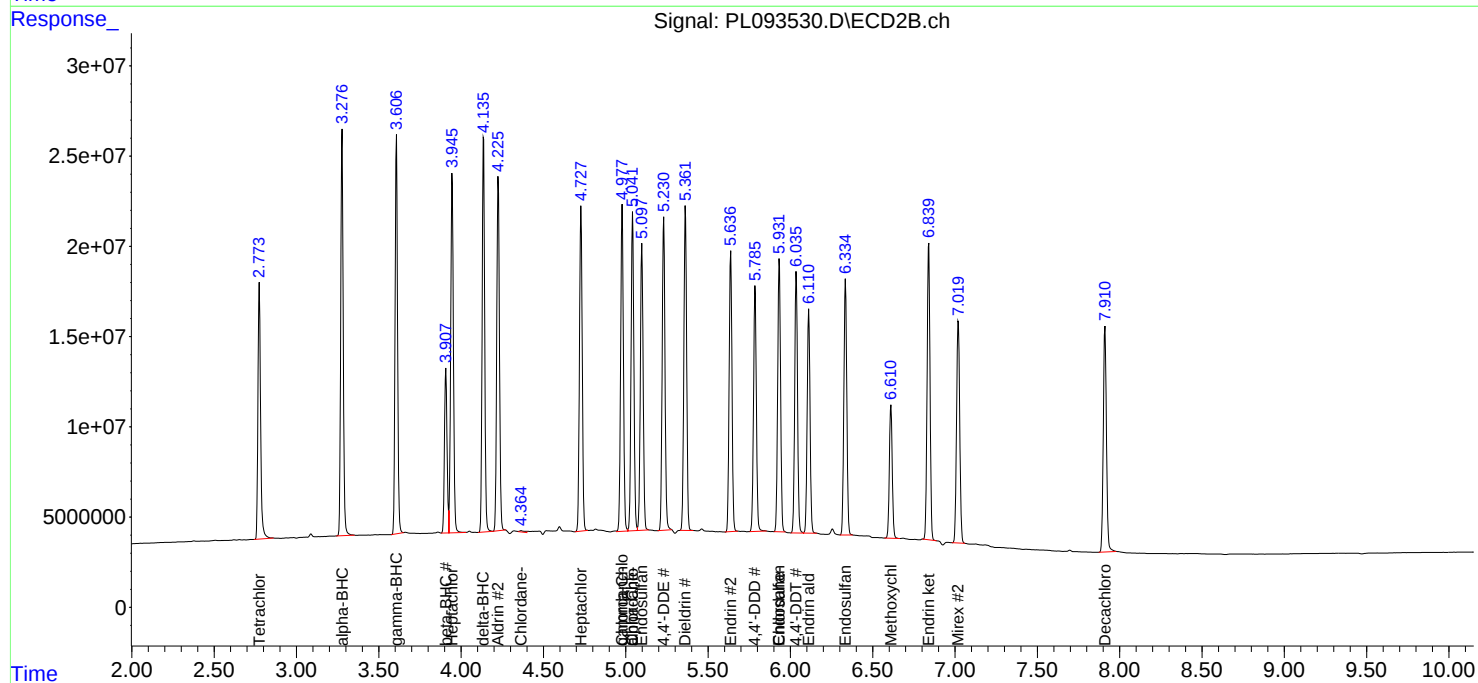
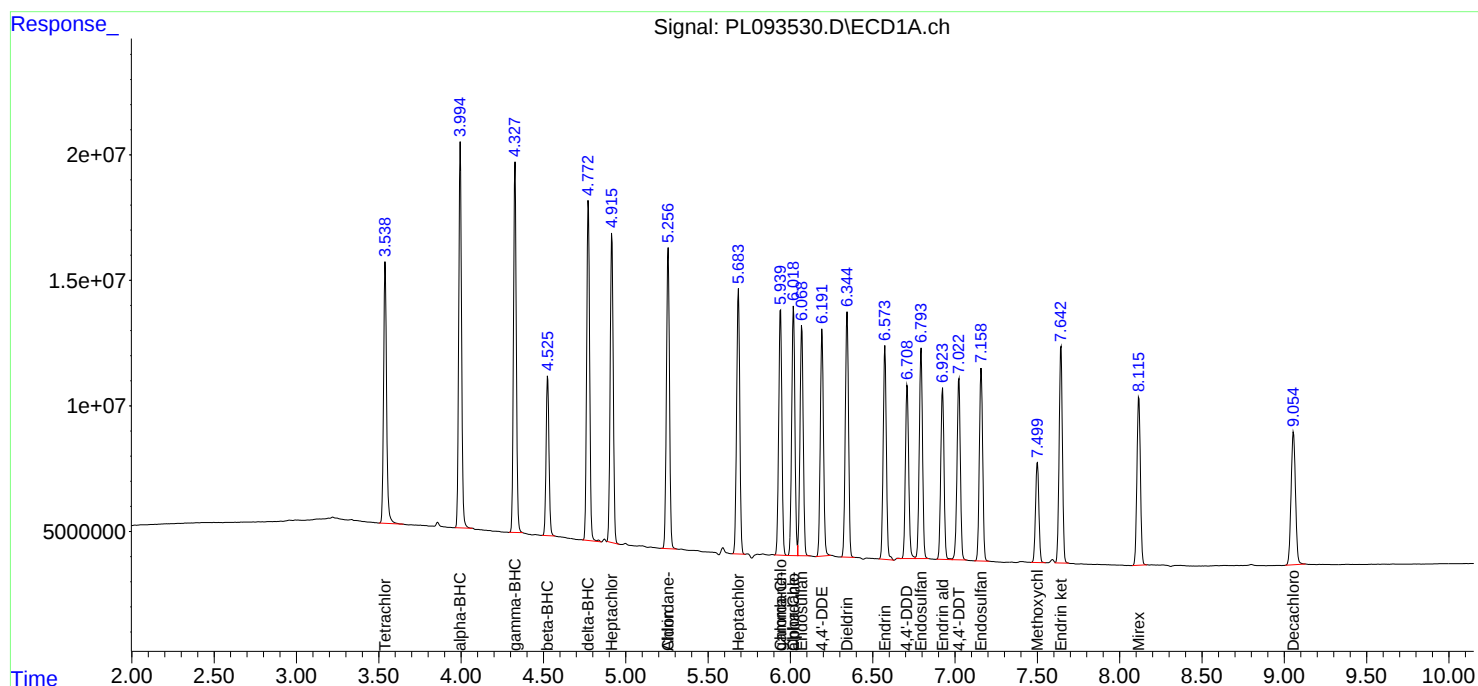
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

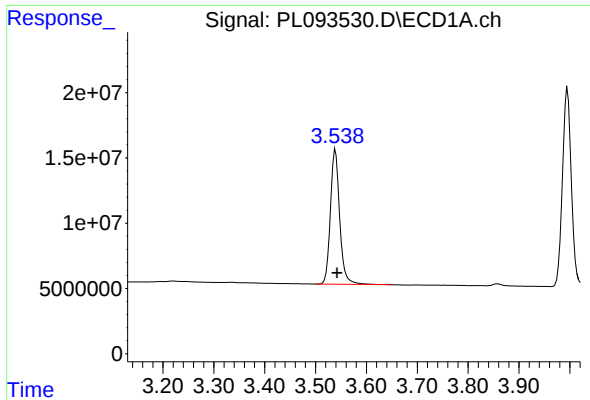
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122724\  
Data File : PL093530.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Dec 2024 10:30  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 28 00:53:30 2024  
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

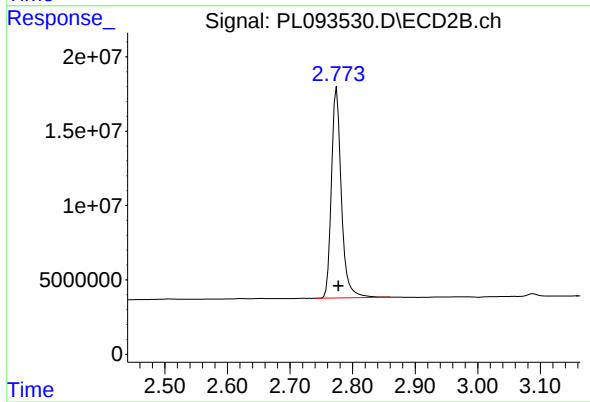




#1 Tetrachloro-m-xylene

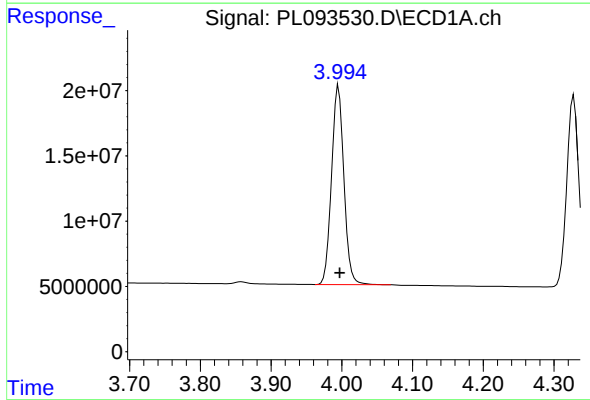
R.T.: 3.539 min  
Delta R.T.: -0.003 min  
Response: 130856854  
Conc: 52.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



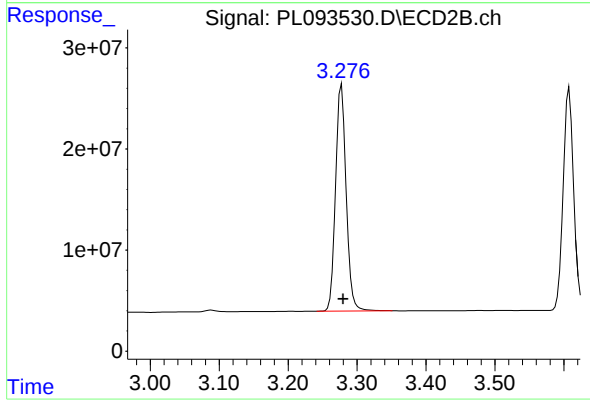
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.003 min  
Response: 156670112  
Conc: 53.82 ng/ml



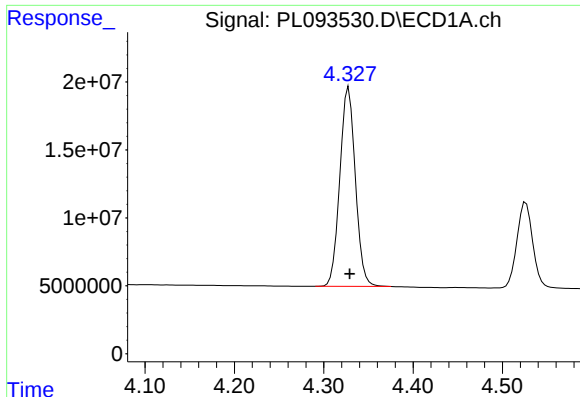
#2 alpha-BHC

R.T.: 3.995 min  
Delta R.T.: -0.002 min  
Response: 184740193  
Conc: 53.51 ng/ml



#2 alpha-BHC

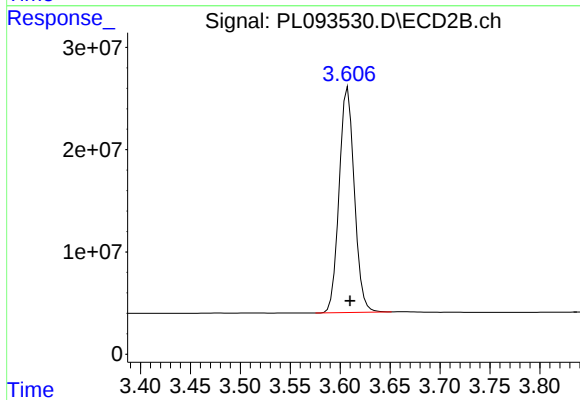
R.T.: 3.277 min  
Delta R.T.: -0.002 min  
Response: 239235847  
Conc: 55.04 ng/ml



#3 gamma-BHC (Lindane)

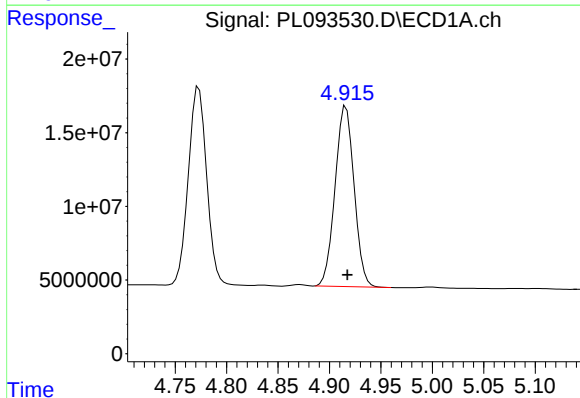
R.T.: 4.328 min  
Delta R.T.: -0.001 min  
Response: 176941384  
Conc: 53.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



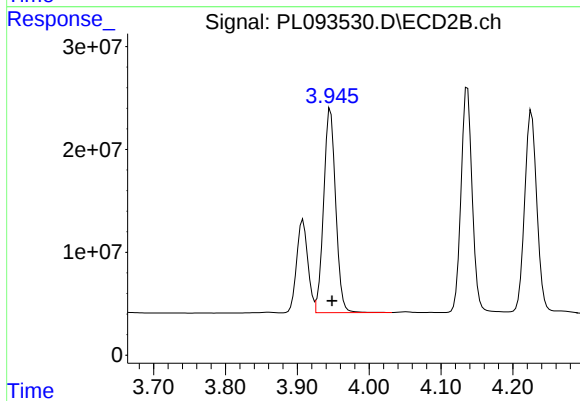
#3 gamma-BHC (Lindane)

R.T.: 3.608 min  
Delta R.T.: -0.002 min  
Response: 232833480  
Conc: 55.18 ng/ml



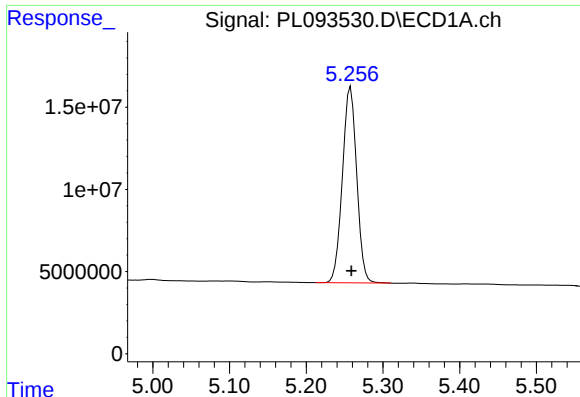
#4 Heptachlor

R.T.: 4.916 min  
Delta R.T.: -0.001 min  
Response: 157667972  
Conc: 53.84 ng/ml



#4 Heptachlor

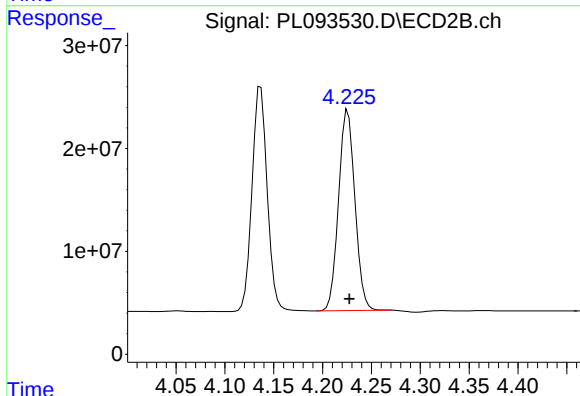
R.T.: 3.946 min  
Delta R.T.: -0.002 min  
Response: 230697504  
Conc: 55.51 ng/ml



#5 Aldrin

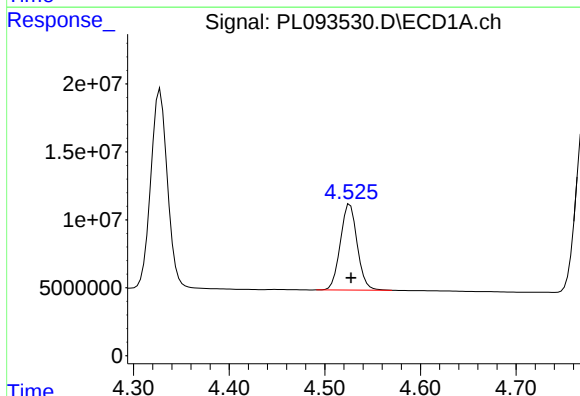
R.T.: 5.258 min  
Delta R.T.: -0.001 min  
Response: 154784251  
Conc: 53.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



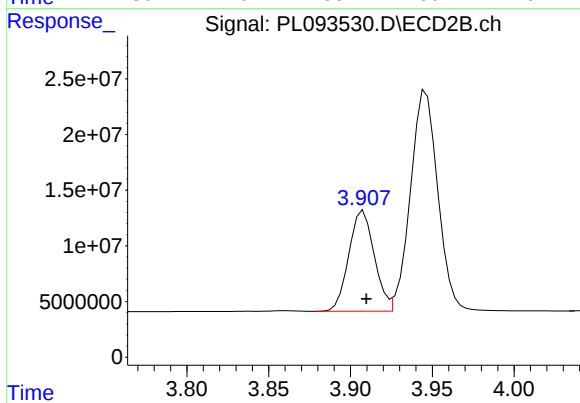
#5 Aldrin

R.T.: 4.226 min  
Delta R.T.: -0.002 min  
Response: 227567065  
Conc: 55.47 ng/ml



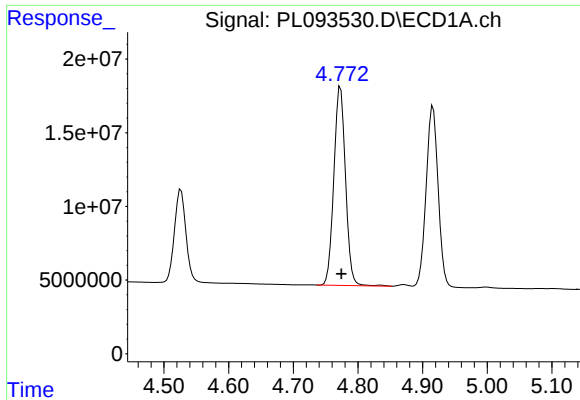
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: -0.001 min  
Response: 77687840  
Conc: 53.89 ng/ml



#6 beta-BHC

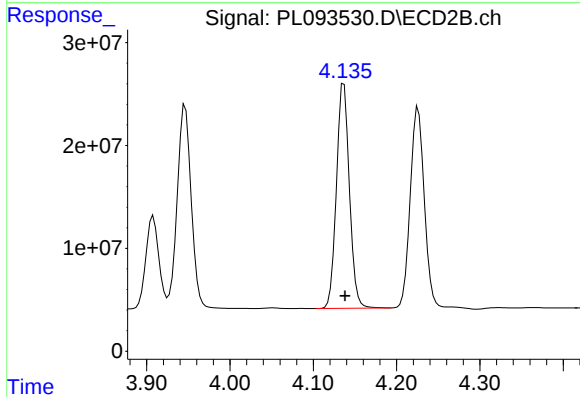
R.T.: 3.908 min  
Delta R.T.: -0.002 min  
Response: 97874495  
Conc: 54.45 ng/ml



#7 delta-BHC

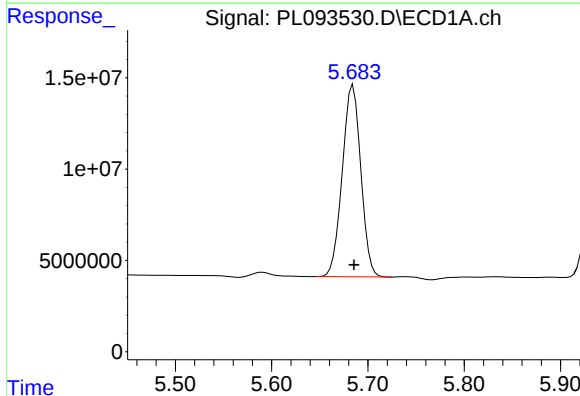
R.T.: 4.773 min  
Delta R.T.: -0.002 min  
Response: 168697080  
Conc: 55.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



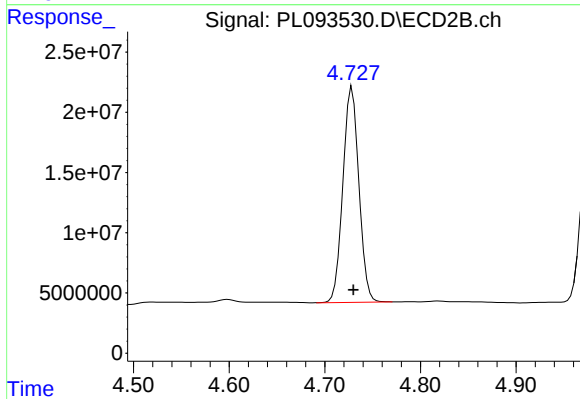
#7 delta-BHC

R.T.: 4.137 min  
Delta R.T.: -0.001 min  
Response: 236747281  
Conc: 55.98 ng/ml



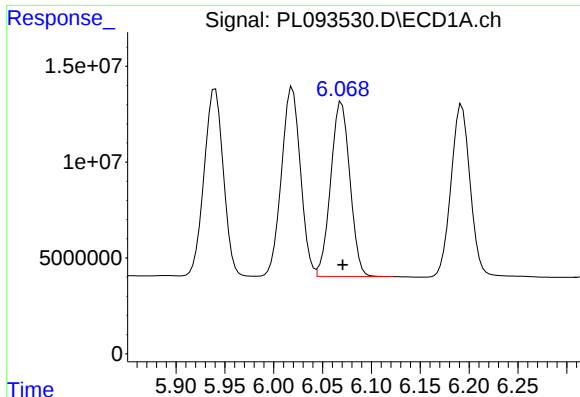
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: -0.001 min  
Response: 140067627  
Conc: 53.17 ng/ml



#8 Heptachlor epoxide

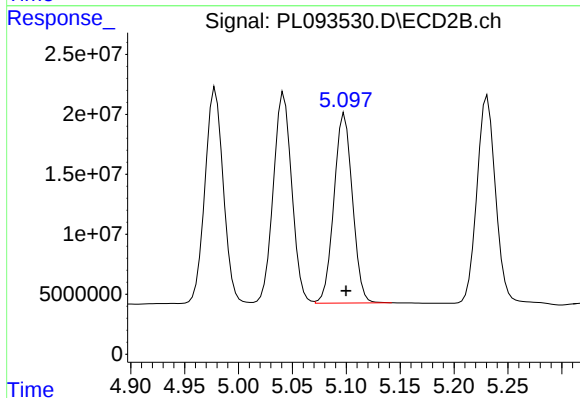
R.T.: 4.728 min  
Delta R.T.: -0.002 min  
Response: 208828658  
Conc: 54.54 ng/ml



#9 Endosulfan I

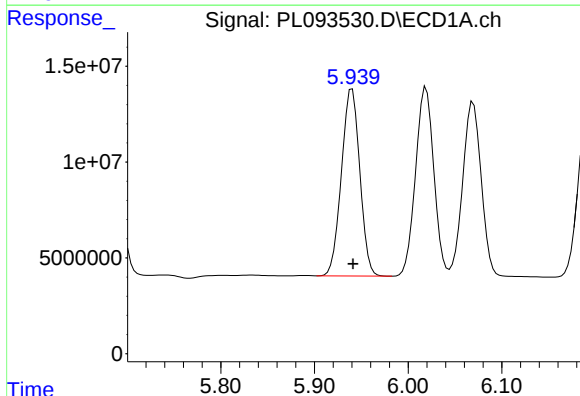
R.T.: 6.070 min  
Delta R.T.: -0.001 min  
Response: 124903288  
Conc: 52.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



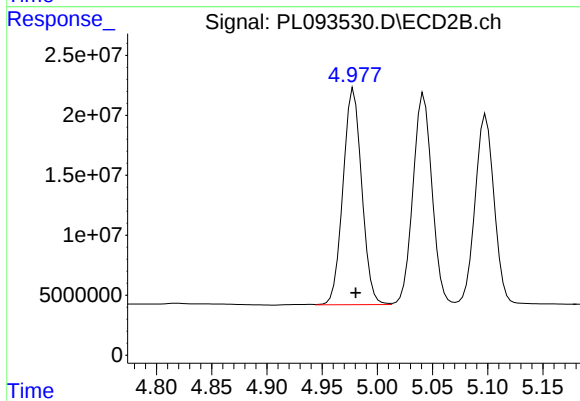
#9 Endosulfan I

R.T.: 5.098 min  
Delta R.T.: -0.002 min  
Response: 188265302  
Conc: 53.88 ng/ml



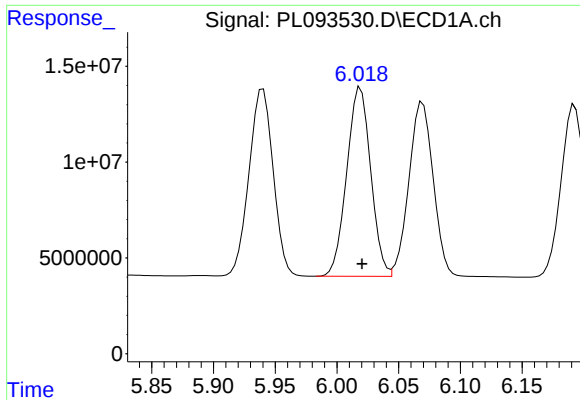
#10 gamma-Chlordane

R.T.: 5.940 min  
Delta R.T.: -0.001 min  
Response: 133254083  
Conc: 53.02 ng/ml



#10 gamma-Chlordane

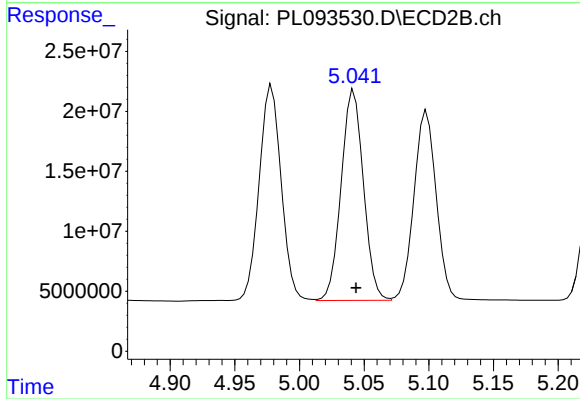
R.T.: 4.979 min  
Delta R.T.: -0.002 min  
Response: 213016435  
Conc: 55.29 ng/ml



#11 alpha-Chlordane

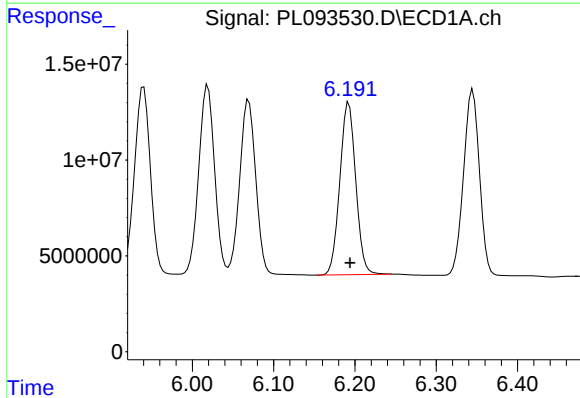
R.T.: 6.019 min  
Delta R.T.: -0.001 min  
Response: 133529630  
Conc: 53.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



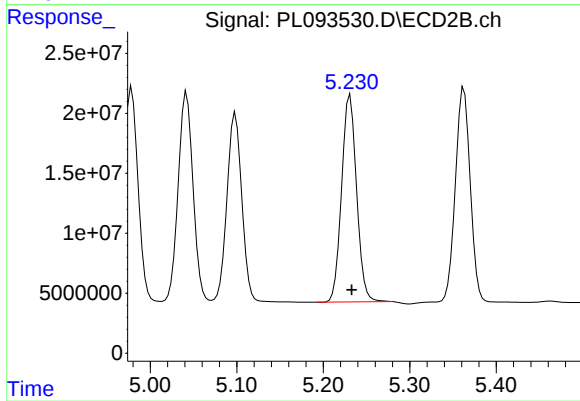
#11 alpha-Chlordane

R.T.: 5.042 min  
Delta R.T.: -0.002 min  
Response: 210199254  
Conc: 55.21 ng/ml



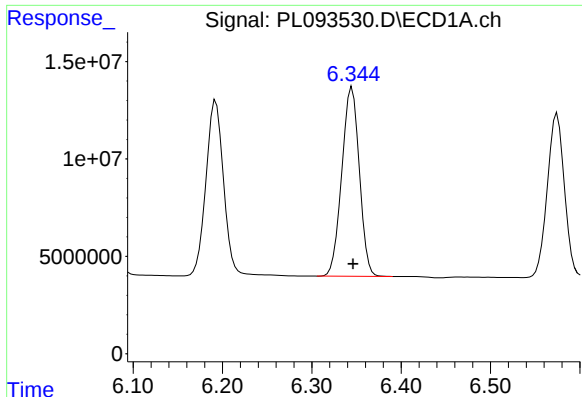
#12 4,4'-DDE

R.T.: 6.193 min  
Delta R.T.: -0.001 min  
Response: 122067741  
Conc: 54.40 ng/ml



#12 4,4'-DDE

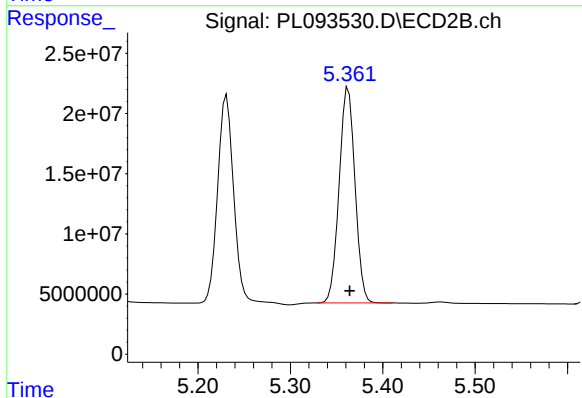
R.T.: 5.231 min  
Delta R.T.: -0.002 min  
Response: 206387704  
Conc: 56.13 ng/ml



#13 Dieldrin

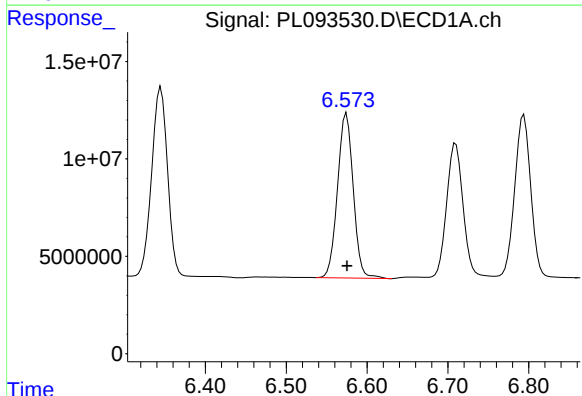
R.T.: 6.345 min  
Delta R.T.: -0.001 min  
Response: 132279723  
Conc: 53.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



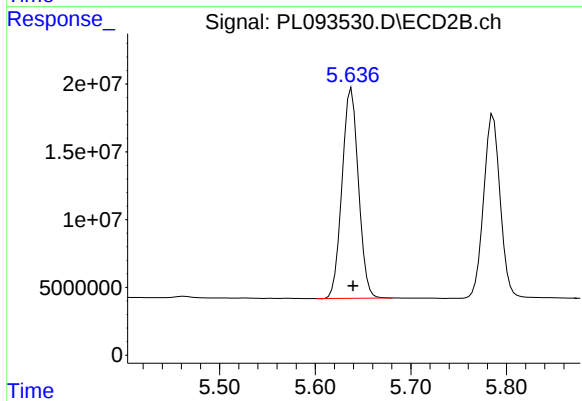
#13 Dieldrin

R.T.: 5.363 min  
Delta R.T.: -0.001 min  
Response: 213819908  
Conc: 55.48 ng/ml



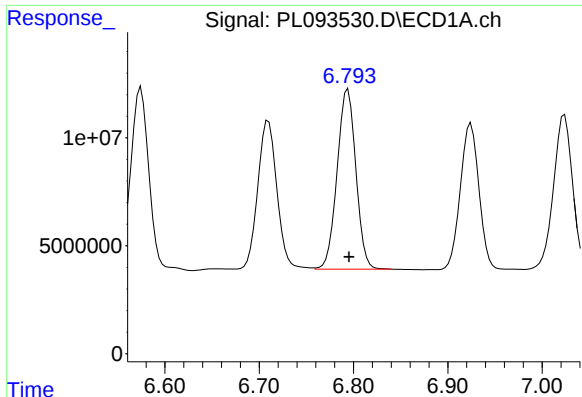
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: 0.000 min  
Response: 114176963  
Conc: 53.05 ng/ml



#14 Endrin

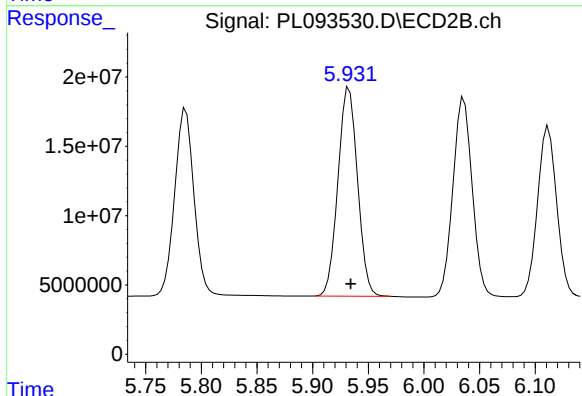
R.T.: 5.638 min  
Delta R.T.: -0.002 min  
Response: 185149804  
Conc: 55.96 ng/ml



#15 Endosulfan II

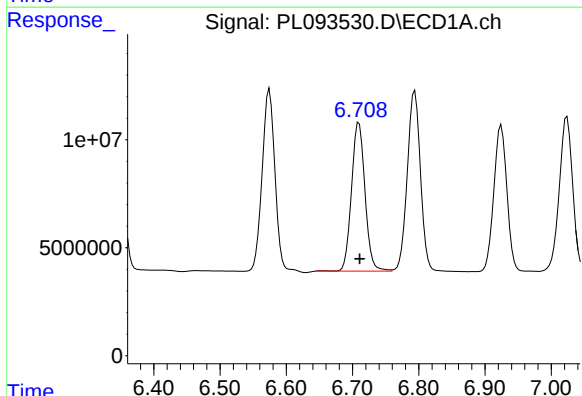
R.T.: 6.794 min  
Delta R.T.: -0.001 min  
Response: 115145914  
Conc: 50.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



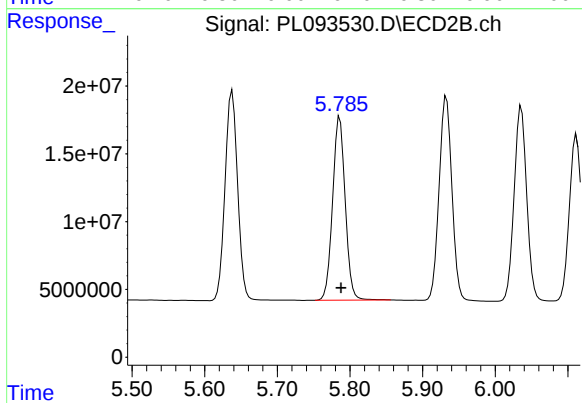
#15 Endosulfan II

R.T.: 5.933 min  
Delta R.T.: -0.001 min  
Response: 184566884  
Conc: 56.81 ng/ml



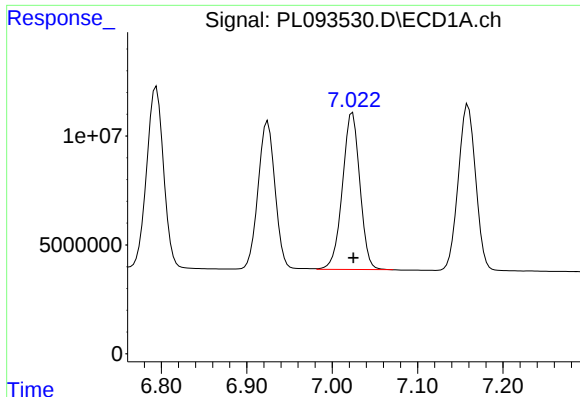
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: -0.001 min  
Response: 97394367  
Conc: 55.47 ng/ml



#16 4,4'-DDD

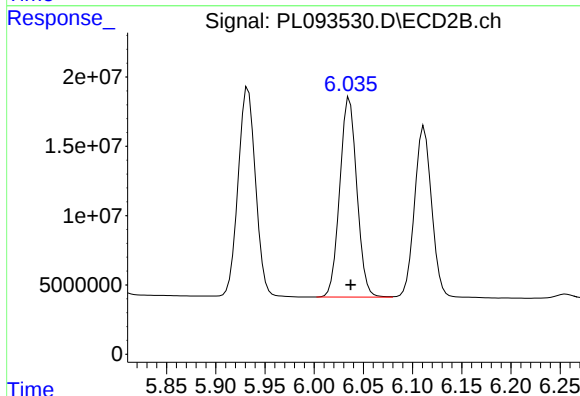
R.T.: 5.786 min  
Delta R.T.: -0.002 min  
Response: 163403065  
Conc: 57.74 ng/ml



#17 4,4'-DDT

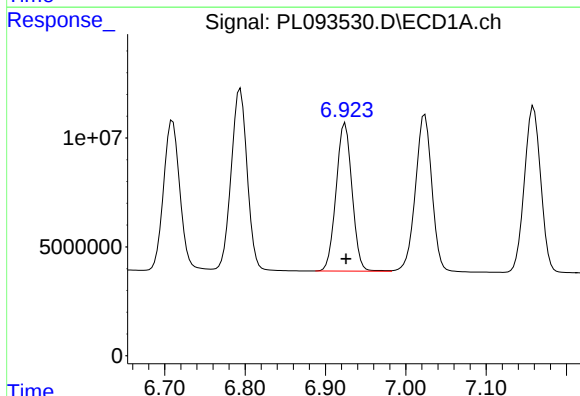
R.T.: 7.024 min  
Delta R.T.: -0.001 min  
Response: 102391207  
Conc: 55.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



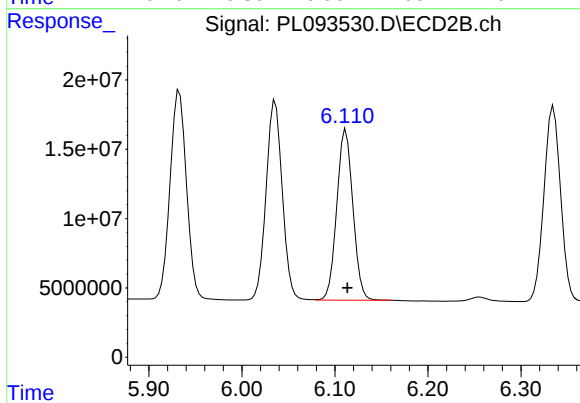
#17 4,4'-DDT

R.T.: 6.036 min  
Delta R.T.: -0.001 min  
Response: 174245681  
Conc: 57.69 ng/ml



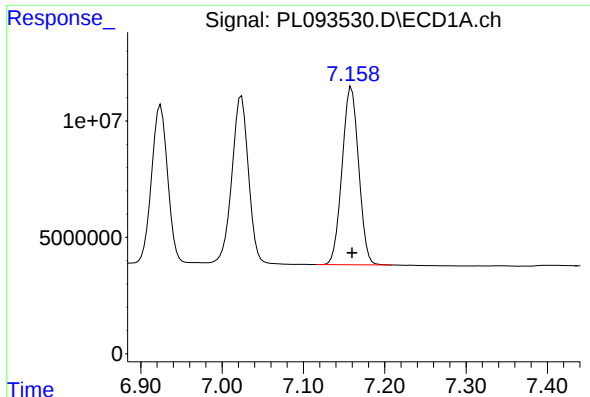
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: -0.001 min  
Response: 93893226  
Conc: 52.91 ng/ml



#18 Endrin aldehyde

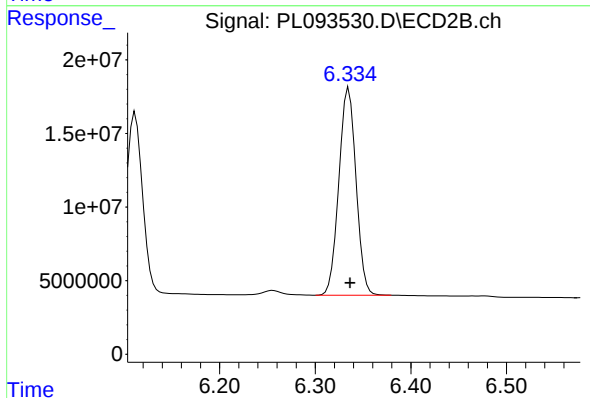
R.T.: 6.112 min  
Delta R.T.: -0.002 min  
Response: 148599596  
Conc: 55.18 ng/ml



#19 Endosulfan Sulfate

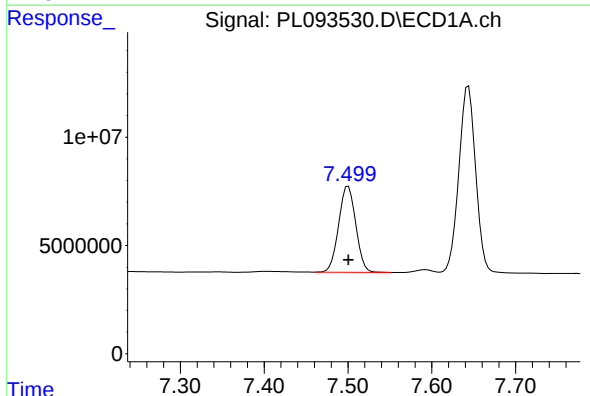
R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 107792290  
Conc: 53.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



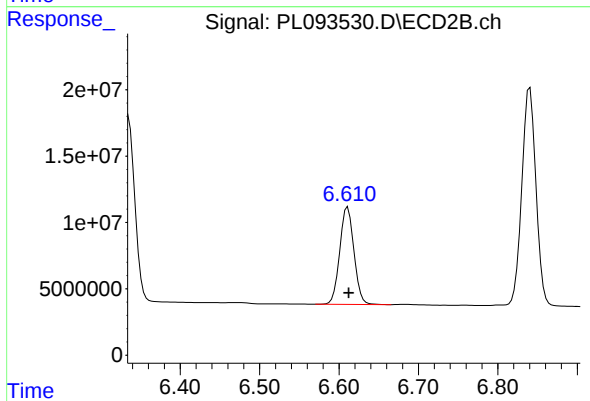
#19 Endosulfan Sulfate

R.T.: 6.335 min  
Delta R.T.: -0.002 min  
Response: 175978405  
Conc: 55.79 ng/ml



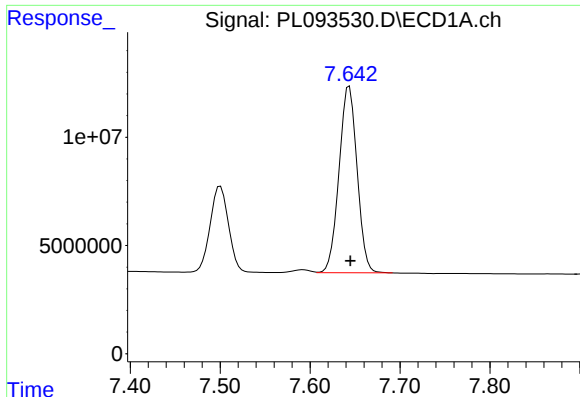
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.000 min  
Response: 56312555  
Conc: 56.33 ng/ml



#20 Methoxychlor

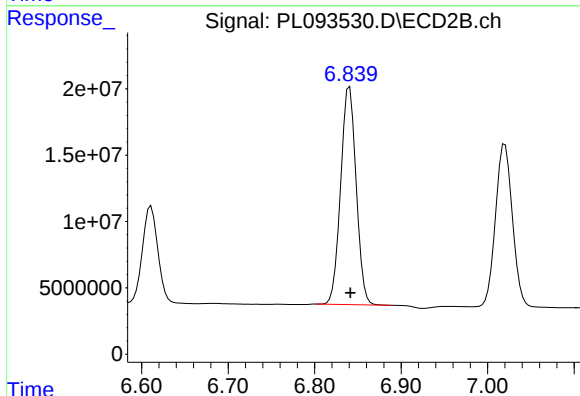
R.T.: 6.611 min  
Delta R.T.: -0.001 min  
Response: 91404985  
Conc: 56.79 ng/ml



#21 Endrin ketone

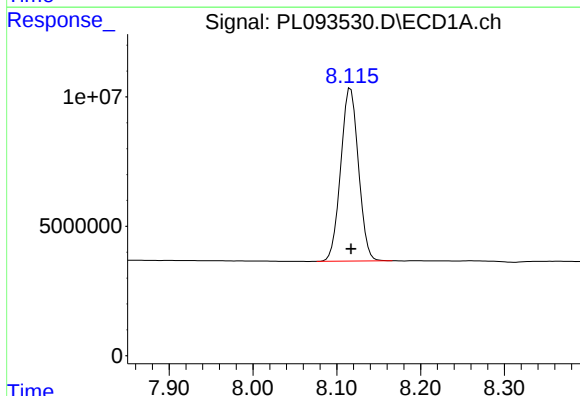
R.T.: 7.644 min  
Delta R.T.: -0.001 min  
Response: 120072682  
Conc: 53.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



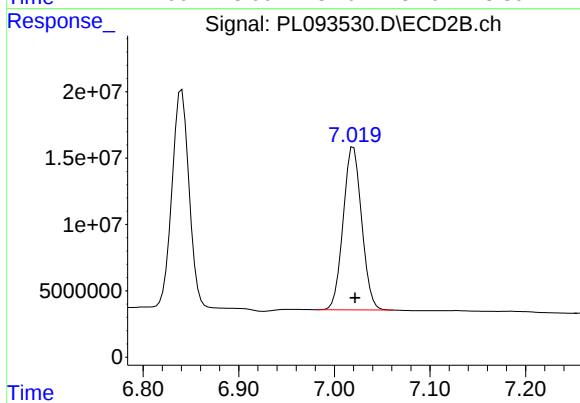
#21 Endrin ketone

R.T.: 6.840 min  
Delta R.T.: -0.001 min  
Response: 202833340  
Conc: 55.72 ng/ml



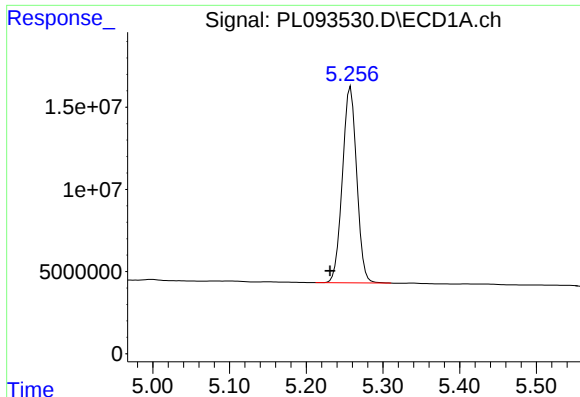
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.000 min  
Response: 98319398  
Conc: 52.61 ng/ml



#22 Mirex

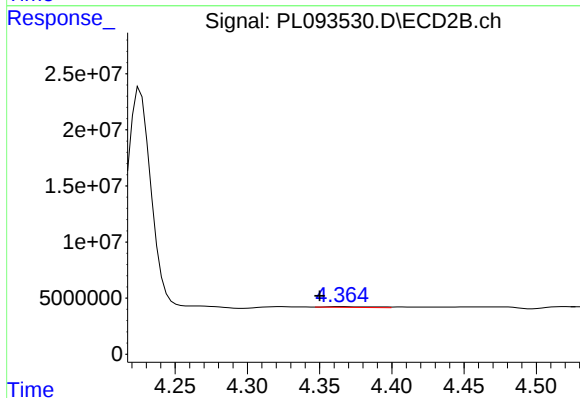
R.T.: 7.020 min  
Delta R.T.: -0.002 min  
Response: 165478065  
Conc: 54.14 ng/ml



#24 Chlordane-2

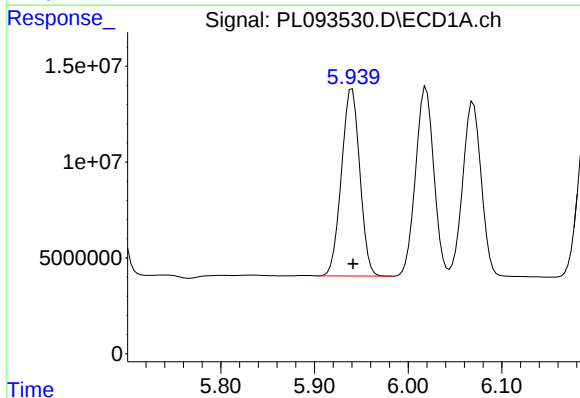
R.T.: 5.258 min  
Delta R.T.: 0.027 min  
Response: 154784251  
Conc: 1408.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



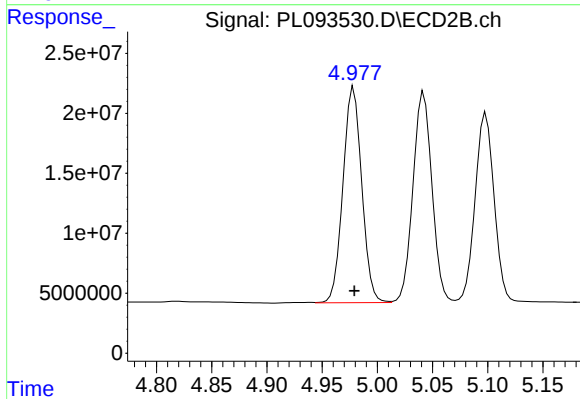
#24 Chlordane-2

R.T.: 4.365 min  
Delta R.T.: 0.015 min  
Response: 1600903  
Conc: 11.53 ng/ml



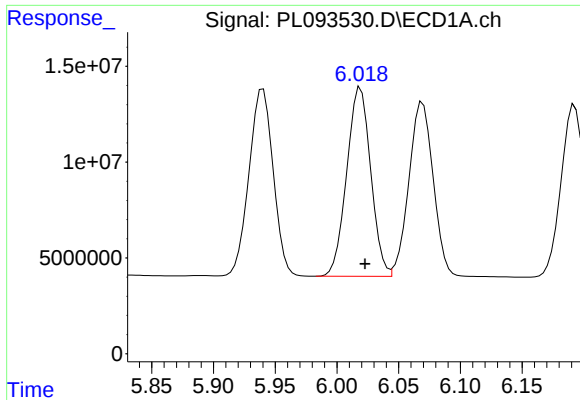
#25 Chlordane-3

R.T.: 5.940 min  
Delta R.T.: -0.001 min  
Response: 133254083  
Conc: 350.60 ng/ml



#25 Chlordane-3

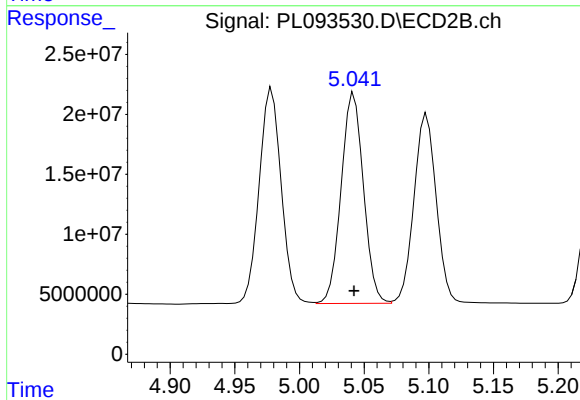
R.T.: 4.979 min  
Delta R.T.: 0.000 min  
Response: 213016435  
Conc: 501.97 ng/ml



#26 Chlordane-4

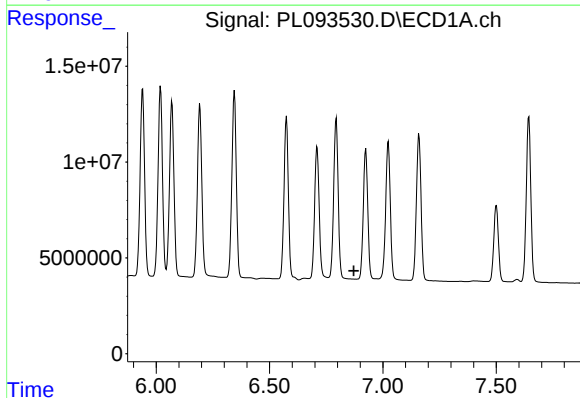
R.T.: 6.019 min  
Delta R.T.: -0.004 min  
Response: 133529630  
Conc: 293.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



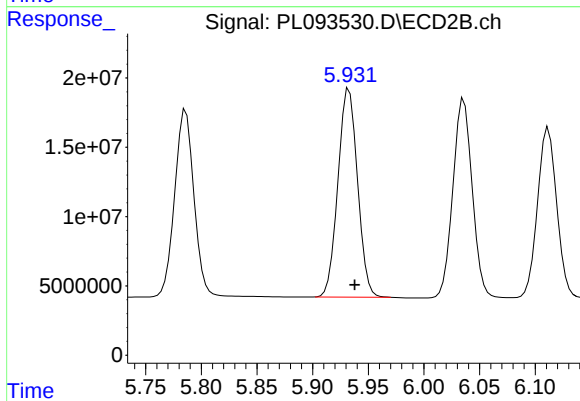
#26 Chlordane-4

R.T.: 5.042 min  
Delta R.T.: 0.000 min  
Response: 210199254  
Conc: 511.01 ng/ml



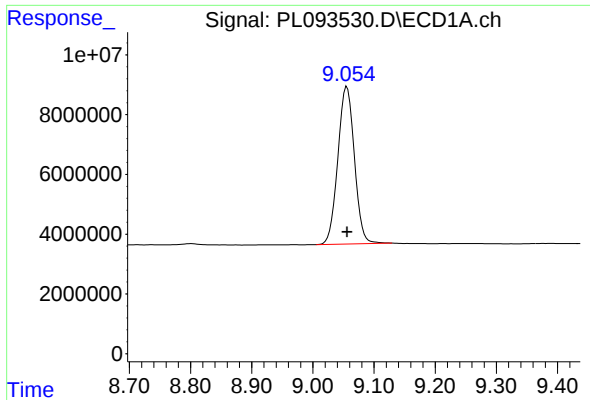
#27 Chlordane-5

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



#27 Chlordane-5

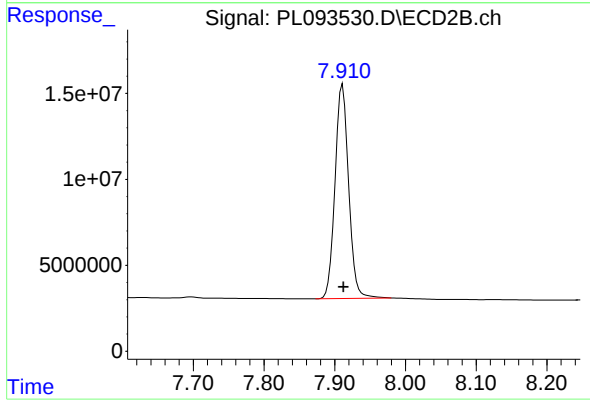
R.T.: 5.933 min  
Delta R.T.: -0.005 min  
Response: 184566884  
Conc: 1386.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: 0.000 min  
Response: 98992365  
Conc: 53.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.911 min  
Delta R.T.: -0.001 min  
Response: 166815535  
Conc: 55.87 ng/ml