

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012825\  
 Data File : PL093832.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jan 2025 12:23  
 Operator : AR\AJ  
 Sample : Q1187-01MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 29 03:47:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 2025  
 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... | 3.537  | 2.774 | 79689544 | 57398133 | 29.594   | 17.584 #   |
| 28)                         | SA Decachlor... | 9.057  | 7.911 | 41722493 | 64677326 | 19.945   | 18.458     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.994  | 3.276 | 175.2E6  | 220.3E6  | 45.692   | 45.059     |
| 3)                          | MA gamma-BHC... | 4.326  | 3.606 | 164.8E6  | 209.8E6  | 44.737   | 44.244     |
| 4)                          | MA Heptachlor   | 4.915  | 3.945 | 151.5E6  | 210.3E6  | 46.217   | 45.190     |
| 5)                          | MB Aldrin       | 5.256  | 4.224 | 146.5E6  | 201.6E6  | 44.772   | 44.191     |
| 6)                          | B beta-BHC      | 4.525  | 3.906 | 75209067 | 92476733 | 46.791   | 46.298     |
| 7)                          | B delta-BHC     | 4.772  | 4.135 | 159.1E6  | 209.6E6  | 45.393   | 44.118     |
| 8)                          | B Heptachlo...  | 5.683  | 4.727 | 134.2E6  | 193.0E6  | 45.111   | 46.177     |
| 9)                          | A Endosulfan I  | 6.069  | 5.097 | 122.9E6  | 179.9E6  | 46.503   | 46.394     |
| 10)                         | B gamma-Chl...  | 5.939  | 4.977 | 133.3E6  | 203.0E6  | 47.836   | 47.900     |
| 11)                         | B alpha-Chl...  | 6.019  | 5.041 | 132.1E6  | 199.3E6  | 47.379   | 47.609     |
| 12)                         | B 4,4'-DDE      | 6.192  | 5.230 | 119.3E6  | 196.8E6  | 49.000   | 49.090     |
| 13)                         | MA Dieldrin     | 6.344  | 5.361 | 130.4E6  | 204.1E6  | 46.963   | 47.510     |
| 14)                         | MA Endrin       | 6.574  | 5.637 | 110.0E6  | 175.7E6  | 46.893   | 47.578     |
| 15)                         | B Endosulfa...  | 6.794  | 5.932 | 114.0E6  | 181.1E6  | 47.331   | 48.894     |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.785 | 101.2E6  | 164.5E6  | 53.272   | 52.119     |
| 17)                         | MA 4,4'-DDT     | 7.025  | 6.035 | 99392102 | 162.4E6  | 50.400   | 49.909     |
| 18)                         | B Endrin al...  | 6.924  | 6.111 | 80302321 | 119.4E6  | 41.307   | 39.209     |
| 19)                         | B Endosulfa...  | 7.159  | 6.334 | 107.0E6  | 188.3E6  | 47.279   | 52.811     |
| 20)                         | A Methoxychlor  | 7.501  | 6.611 | 52128265 | 84290332 | 49.960   | 47.139     |
| 21)                         | B Endrin ke...  | 7.644  | 6.840 | 123.4E6  | 205.1E6  | 48.921   | 48.878     |
| 22)                         | Mirex           | 8.117  | 7.019 | 94126939 | 156.1E6  | 45.199   | 46.157     |
| 23)                         | Chlordane-1     | 0.000  | 3.765 | 0        | 269689   | N.D.     | 2.161 #    |
| 24)                         | Chlordane-2     | 5.256f | 4.363 | 146.5E6  | 965355   | 1251.209 | 6.580 #    |
| 25)                         | Chlordane-3     | 5.939  | 4.977 | 133.3E6  | 203.0E6  | 339.917  | 466.814 #  |
| 26)                         | Chlordane-4     | 6.019  | 5.041 | 132.1E6  | 199.3E6  | 281.024  | 470.459 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.932 | 0        | 181.1E6  | N.D.     | 1182.360 # |
| -----                       |                 |        |       |          |          |          |            |

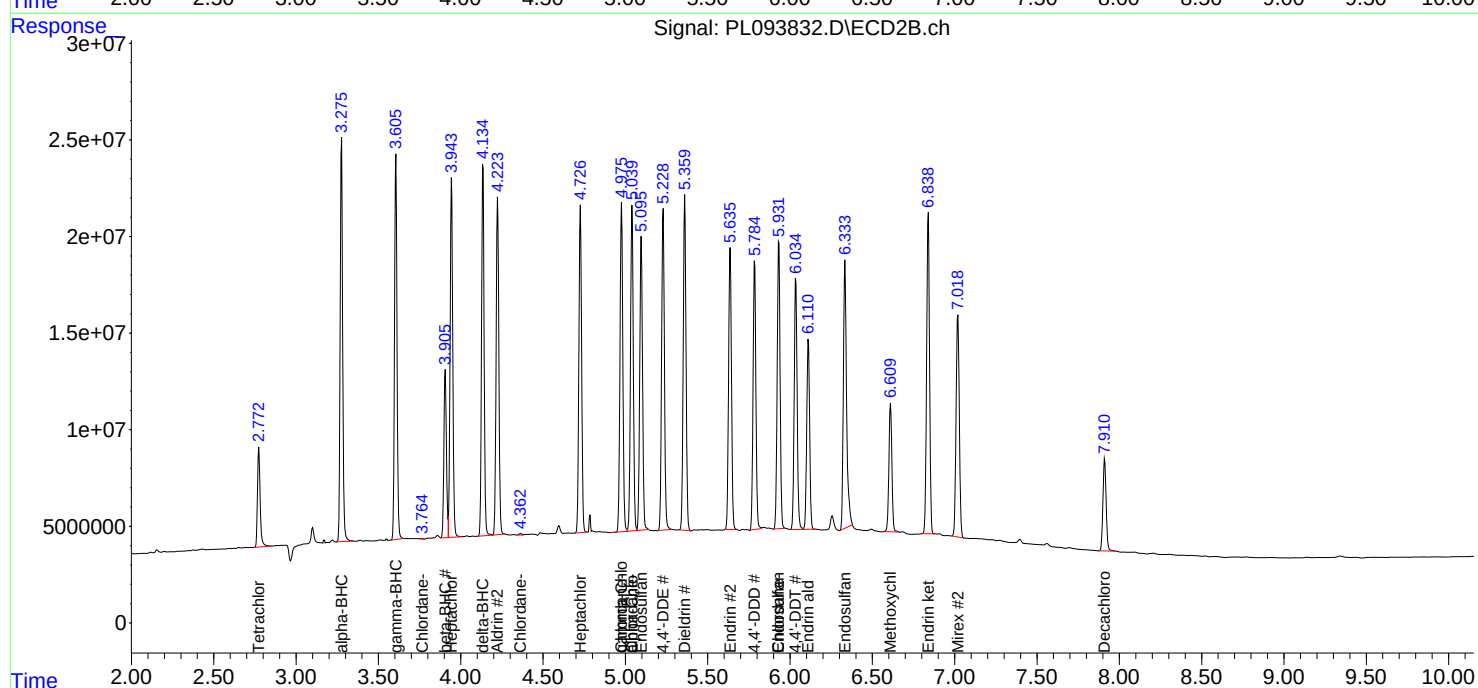
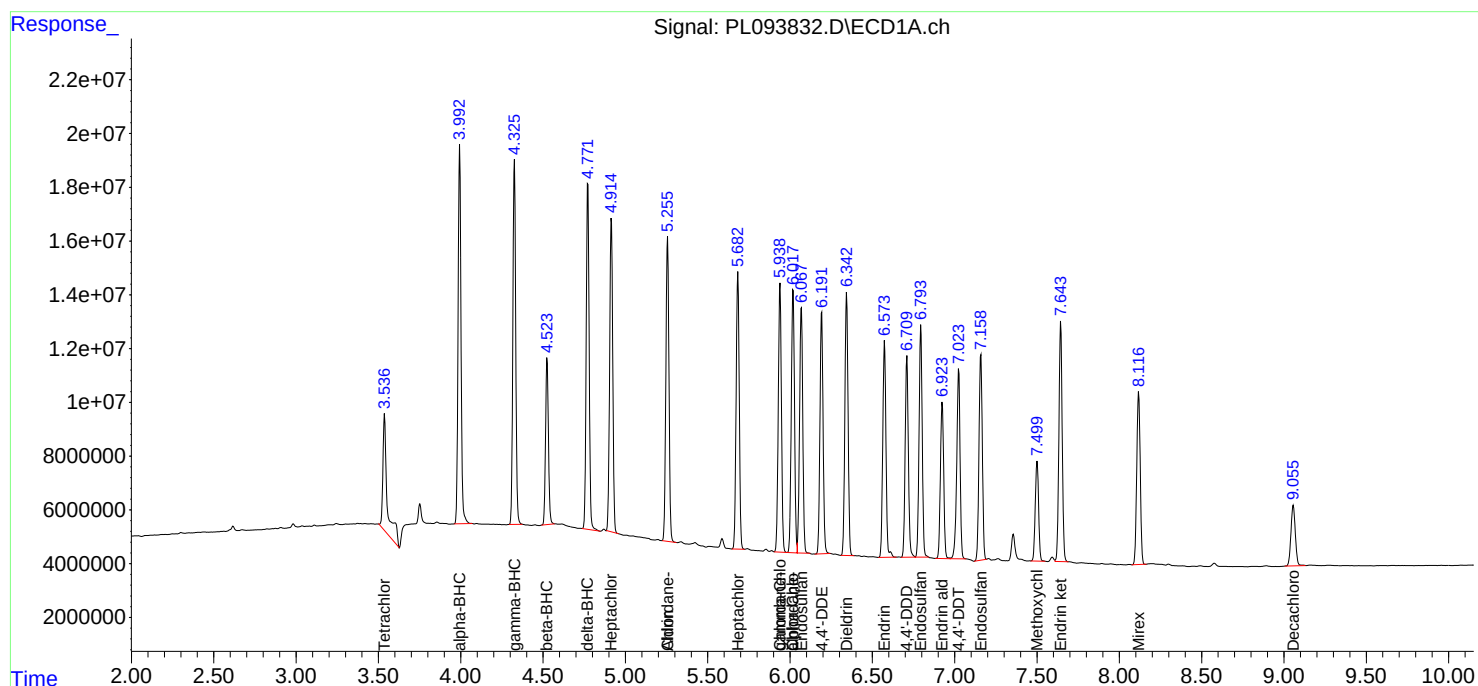
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

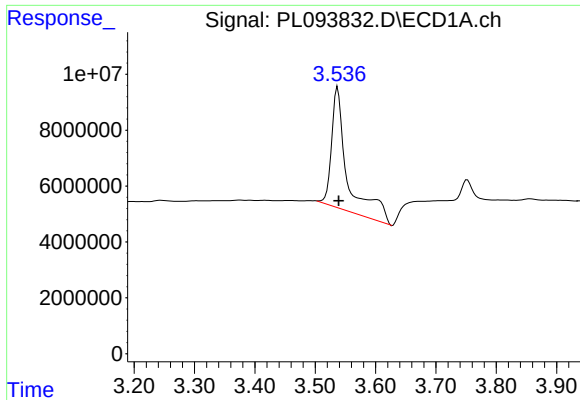
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012825\  
Data File : PL093832.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jan 2025 12:23  
Operator : AR\AJ  
Sample : Q1187-01MS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 29 03:47:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 2025  
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

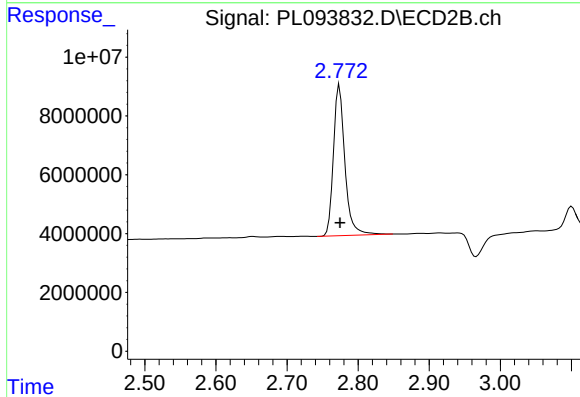




#1 Tetrachloro-m-xylene

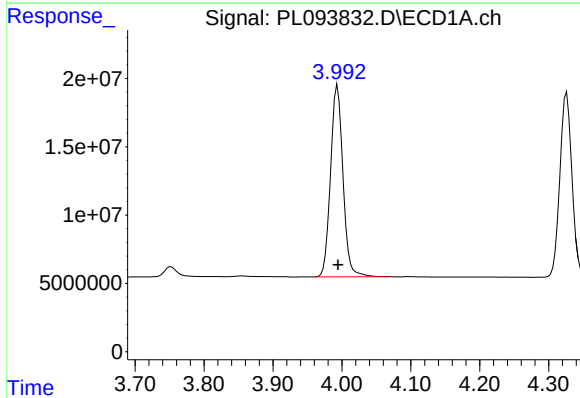
R.T.: 3.537 min  
Delta R.T.: -0.002 min  
Response: 79689544  
Conc: 29.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



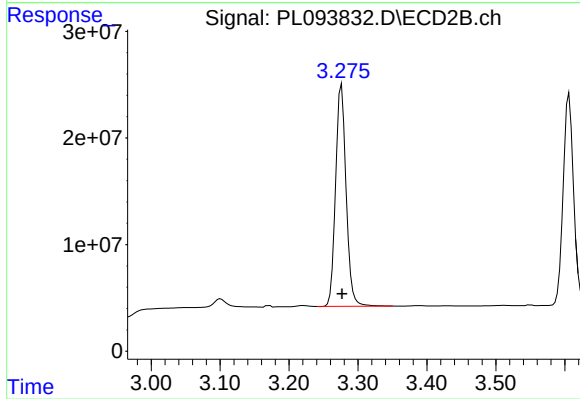
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: 0.000 min  
Response: 57398133  
Conc: 17.58 ng/ml



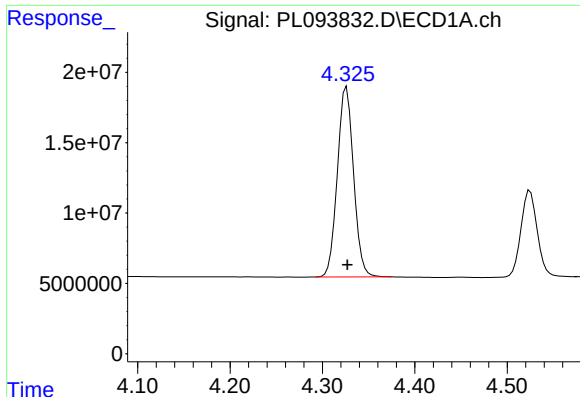
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.000 min  
Response: 175177795  
Conc: 45.69 ng/ml



#2 alpha-BHC

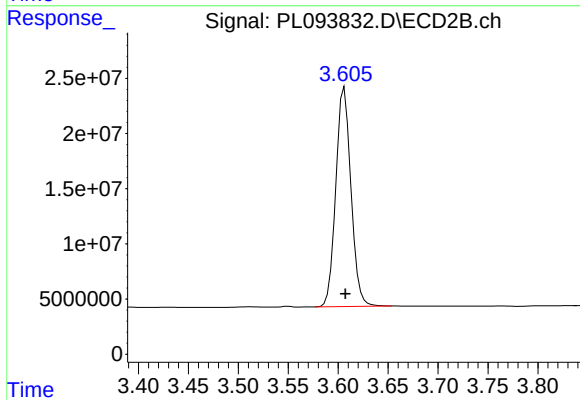
R.T.: 3.276 min  
Delta R.T.: 0.000 min  
Response: 220293280  
Conc: 45.06 ng/ml



#3 gamma-BHC (Lindane)

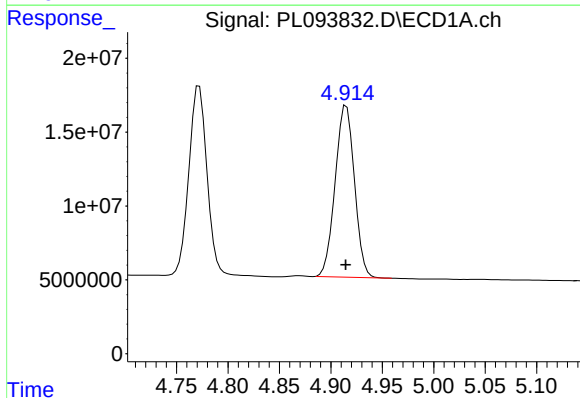
R.T.: 4.326 min  
Delta R.T.: 0.000 min  
Response: 164761279  
Conc: 44.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



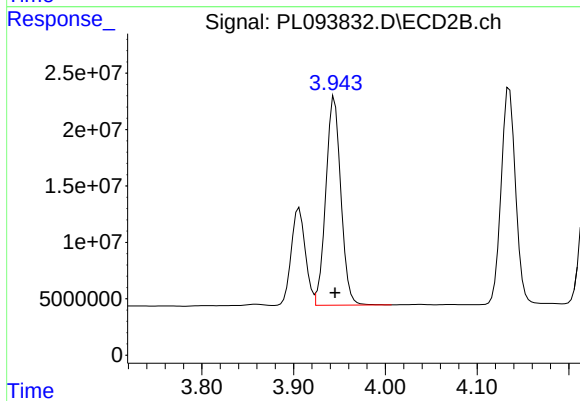
#3 gamma-BHC (Lindane)

R.T.: 3.606 min  
Delta R.T.: 0.000 min  
Response: 209769611  
Conc: 44.24 ng/ml



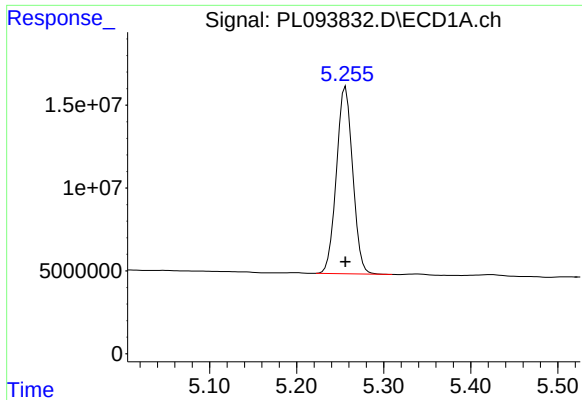
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: 0.000 min  
Response: 151469585  
Conc: 46.22 ng/ml



#4 Heptachlor

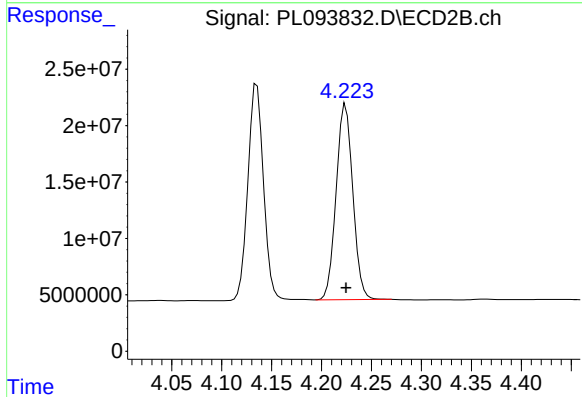
R.T.: 3.945 min  
Delta R.T.: 0.000 min  
Response: 210349820  
Conc: 45.19 ng/ml



#5 Aldrin

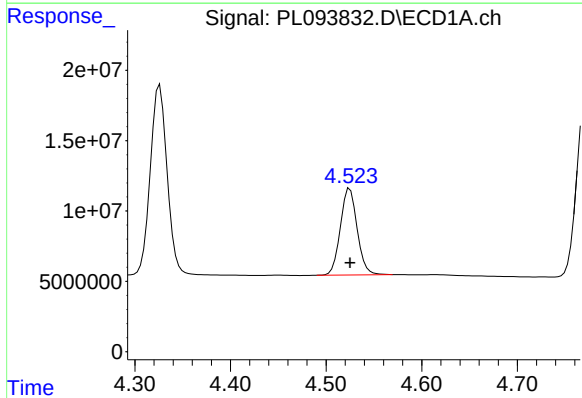
R.T.: 5.256 min  
Delta R.T.: 0.000 min  
Response: 146492430  
Conc: 44.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



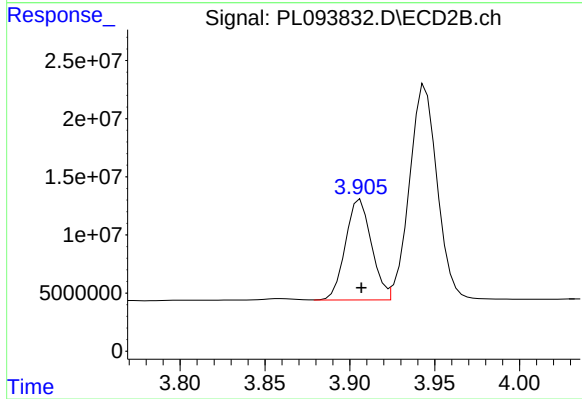
#5 Aldrin

R.T.: 4.224 min  
Delta R.T.: 0.000 min  
Response: 201589003  
Conc: 44.19 ng/ml



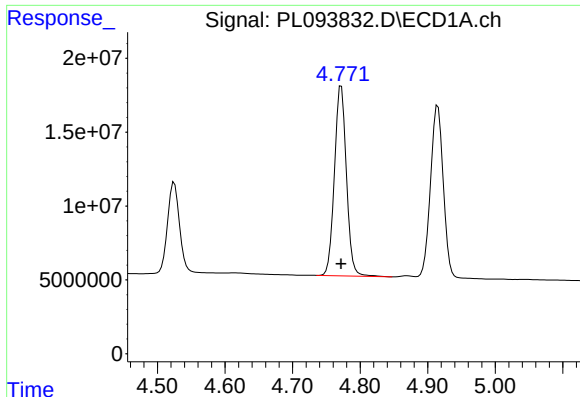
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 75209067  
Conc: 46.79 ng/ml



#6 beta-BHC

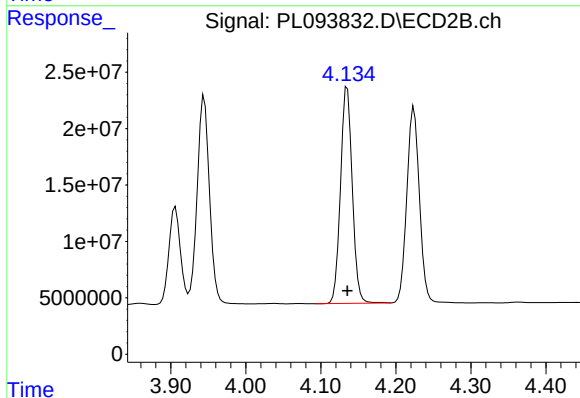
R.T.: 3.906 min  
Delta R.T.: 0.000 min  
Response: 92476733  
Conc: 46.30 ng/ml



#7 delta-BHC

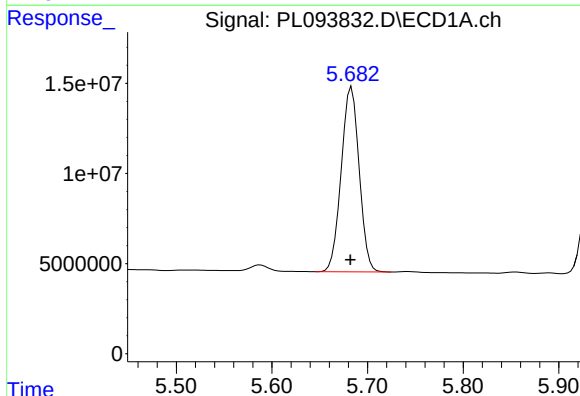
R.T.: 4.772 min  
Delta R.T.: 0.000 min  
Response: 159114342  
Conc: 45.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



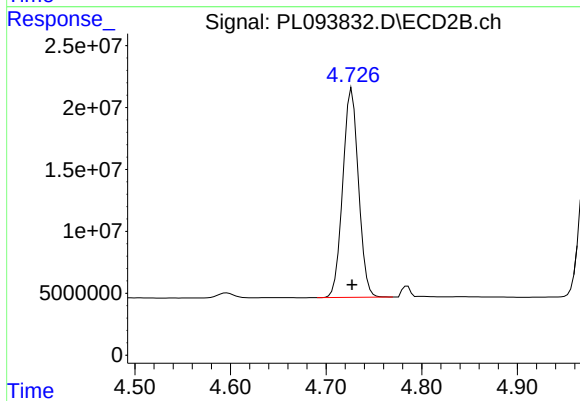
#7 delta-BHC

R.T.: 4.135 min  
Delta R.T.: 0.000 min  
Response: 209613733  
Conc: 44.12 ng/ml



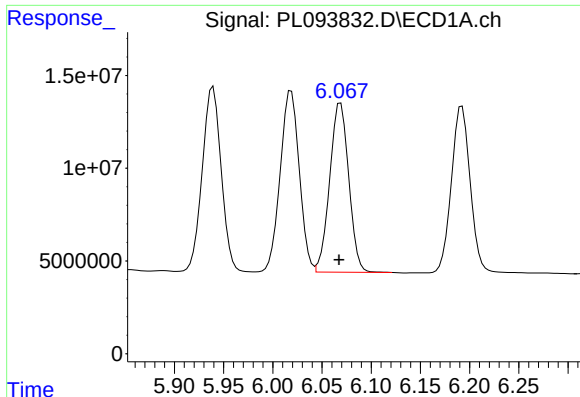
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: 0.001 min  
Response: 134153460  
Conc: 45.11 ng/ml



#8 Heptachlor epoxide

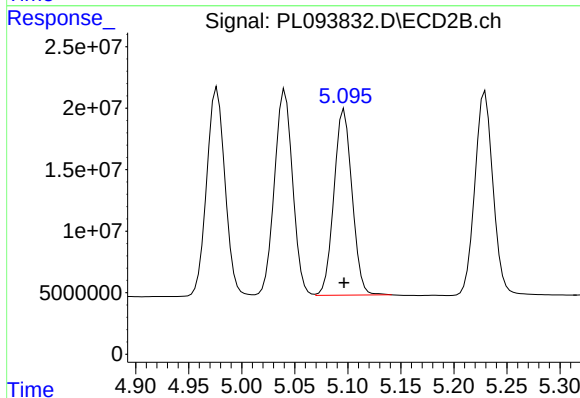
R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 193031851  
Conc: 46.18 ng/ml



#9 Endosulfan I

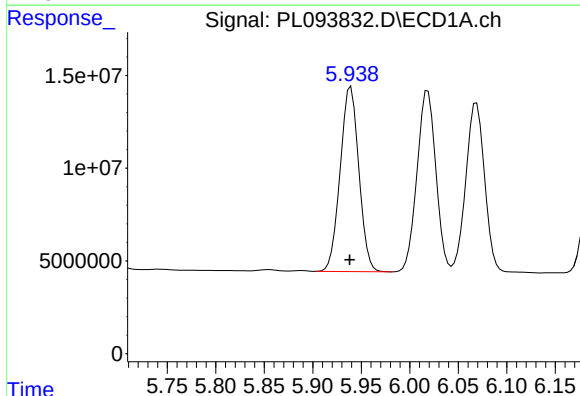
R.T.: 6.069 min  
Delta R.T.: 0.002 min  
Response: 122900260  
Conc: 46.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



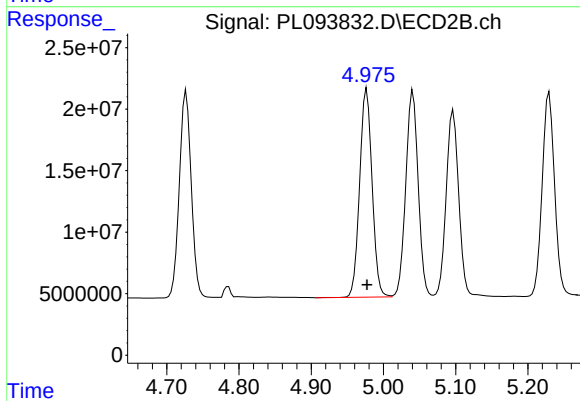
#9 Endosulfan I

R.T.: 5.097 min  
Delta R.T.: 0.000 min  
Response: 179866791  
Conc: 46.39 ng/ml



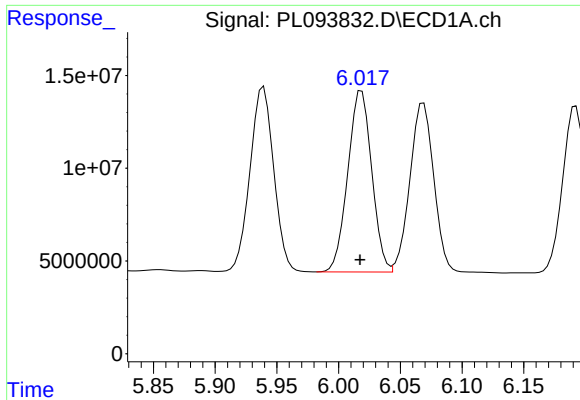
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: 0.001 min  
Response: 133337536  
Conc: 47.84 ng/ml



#10 gamma-Chlordane

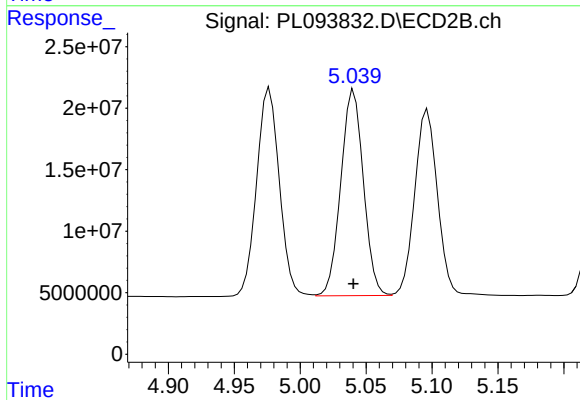
R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 202980857  
Conc: 47.90 ng/ml



#11 alpha-Chlordane

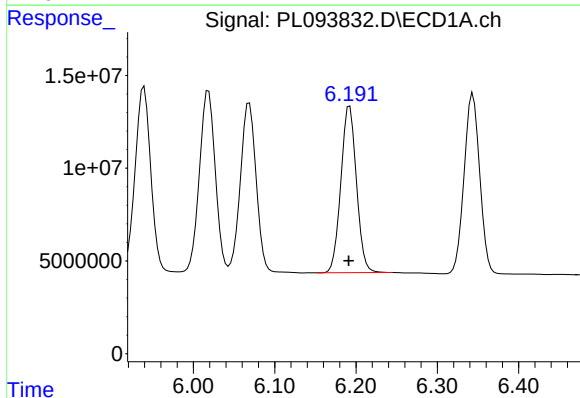
R.T.: 6.019 min  
Delta R.T.: 0.001 min  
Response: 132111412  
Conc: 47.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



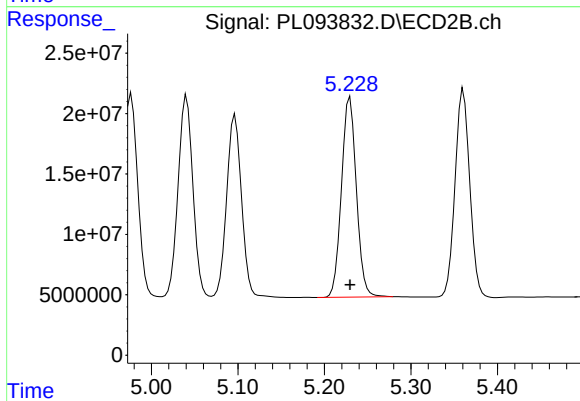
#11 alpha-Chlordane

R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 199318642  
Conc: 47.61 ng/ml



#12 4,4'-DDE

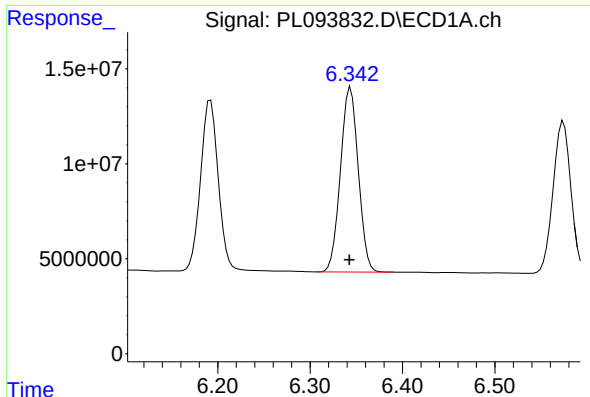
R.T.: 6.192 min  
Delta R.T.: 0.001 min  
Response: 119295789  
Conc: 49.00 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min  
Delta R.T.: 0.000 min  
Response: 196824558  
Conc: 49.09 ng/ml

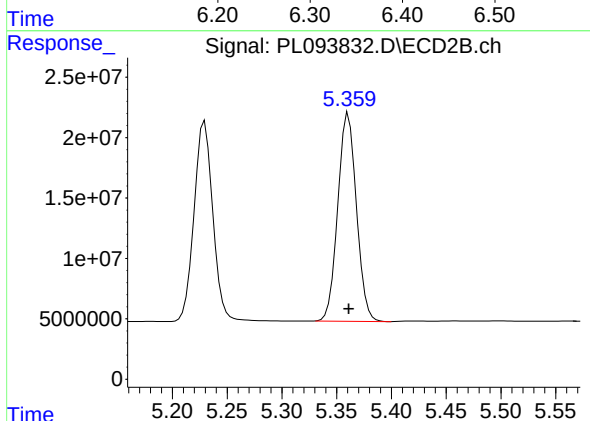




#13 Dieldrin

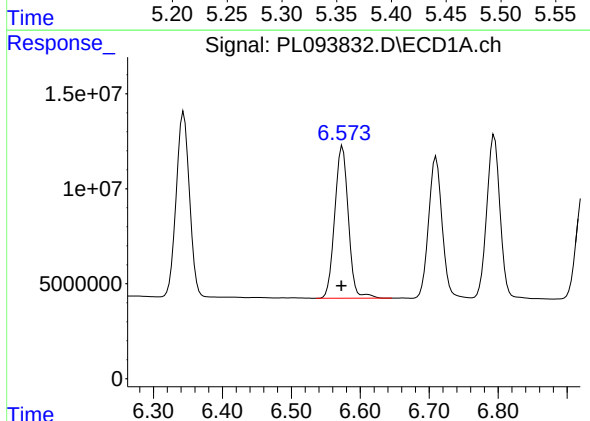
R.T.: 6.344 min  
Delta R.T.: 0.001 min  
Response: 130362336  
Conc: 46.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



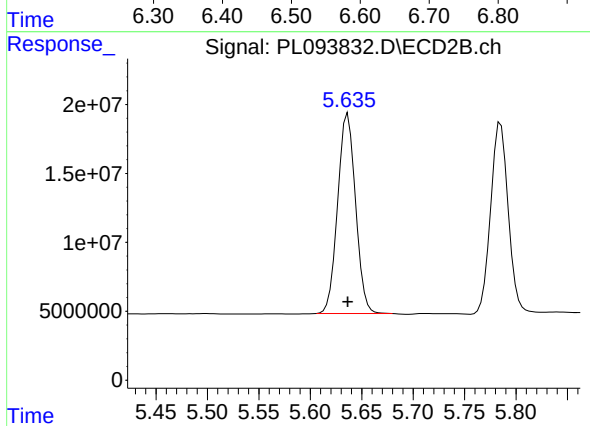
#13 Dieldrin

R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 204087803  
Conc: 47.51 ng/ml



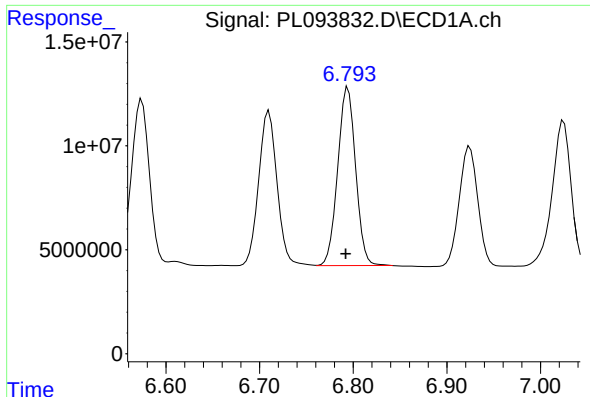
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: 0.002 min  
Response: 109955688  
Conc: 46.89 ng/ml



#14 Endrin

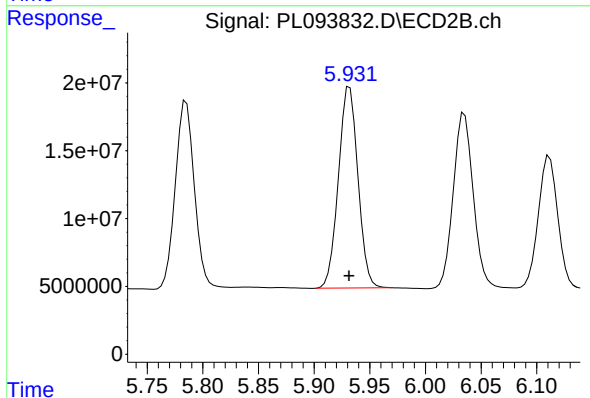
R.T.: 5.637 min  
Delta R.T.: 0.000 min  
Response: 175689526  
Conc: 47.58 ng/ml



#15 Endosulfan II

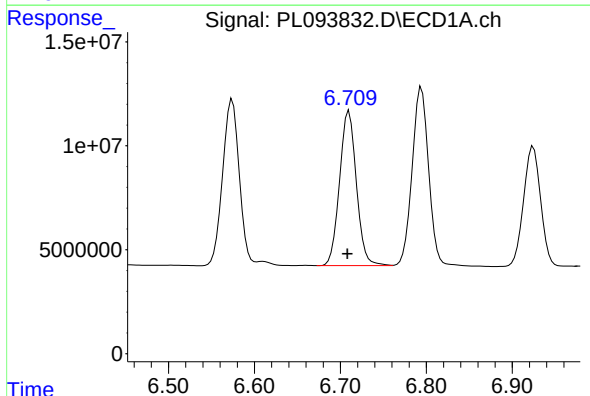
R.T.: 6.794 min  
Delta R.T.: 0.002 min  
Response: 114037832  
Conc: 47.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



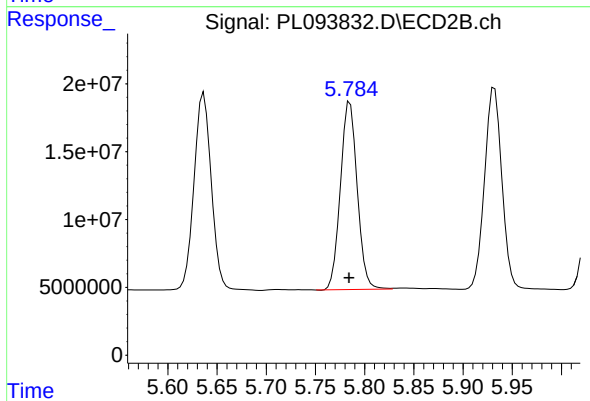
#15 Endosulfan II

R.T.: 5.932 min  
Delta R.T.: 0.000 min  
Response: 181093638  
Conc: 48.89 ng/ml



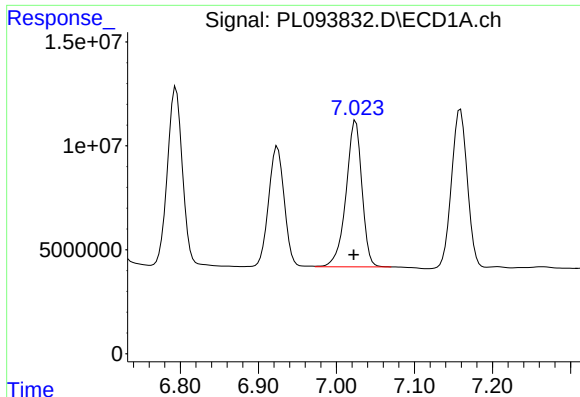
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: 0.002 min  
Response: 101246390  
Conc: 53.27 ng/ml



#16 4,4'-DDD

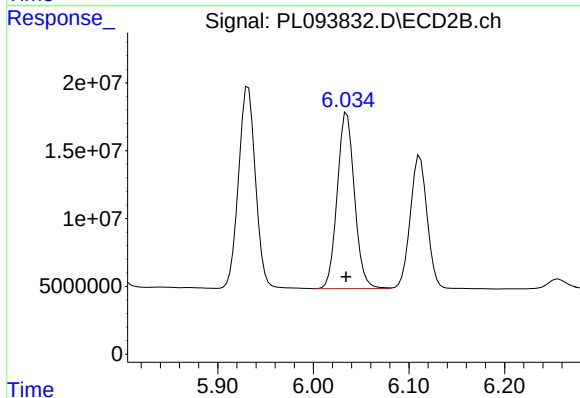
R.T.: 5.785 min  
Delta R.T.: 0.000 min  
Response: 164514090  
Conc: 52.12 ng/ml



#17 4,4'-DDT

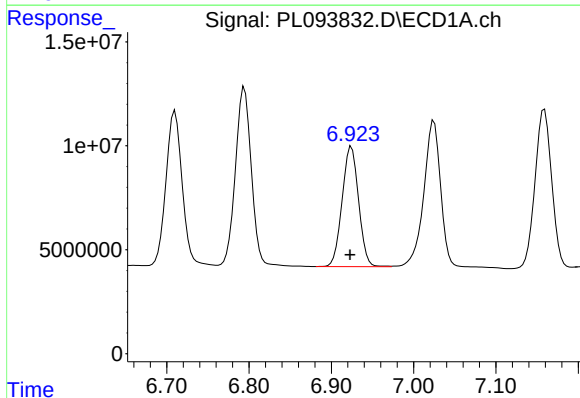
R.T.: 7.025 min  
Delta R.T.: 0.002 min  
Response: 99392102  
Conc: 50.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



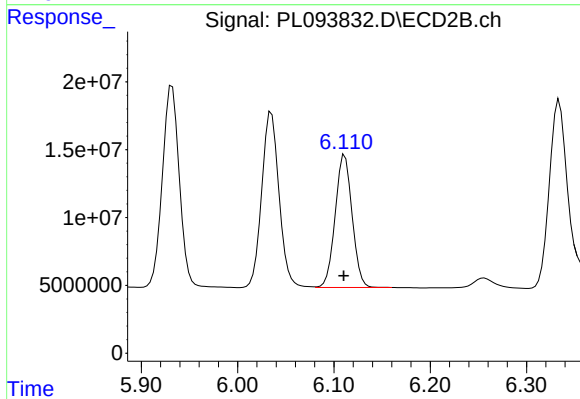
#17 4,4'-DDT

R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 162407313  
Conc: 49.91 ng/ml



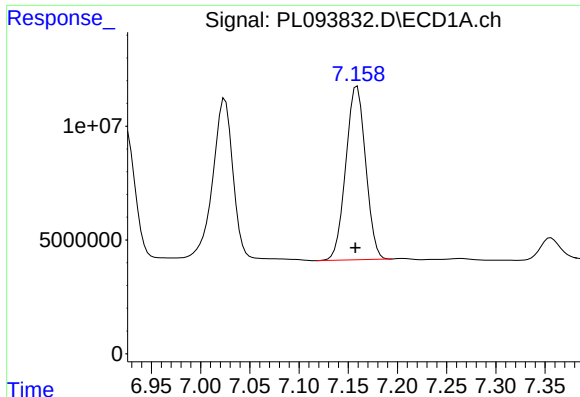
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.002 min  
Response: 80302321  
Conc: 41.31 ng/ml



#18 Endrin aldehyde

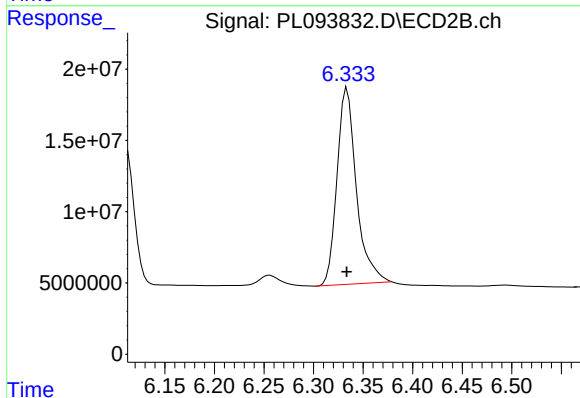
R.T.: 6.111 min  
Delta R.T.: 0.001 min  
Response: 119376238  
Conc: 39.21 ng/ml



#19 Endosulfan Sulfate

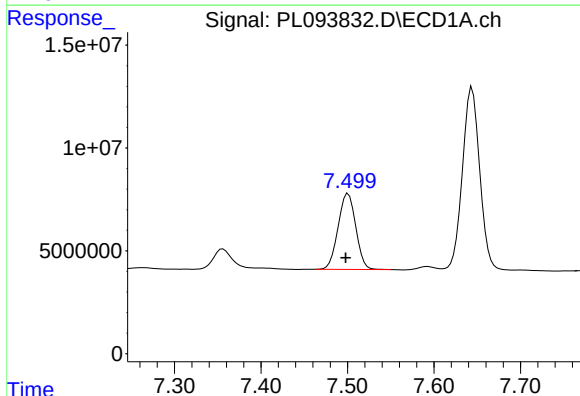
R.T.: 7.159 min  
Delta R.T.: 0.002 min  
Response: 107028182  
Conc: 47.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



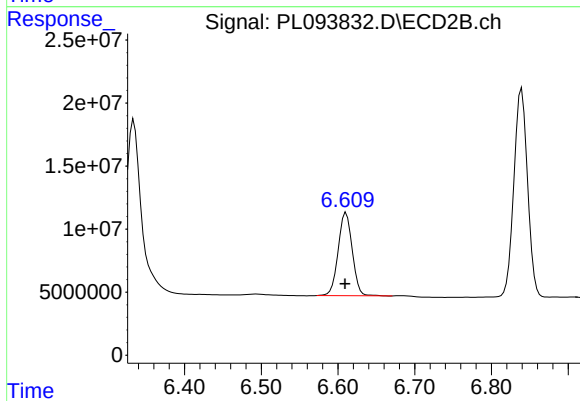
#19 Endosulfan Sulfate

R.T.: 6.334 min  
Delta R.T.: 0.000 min  
Response: 188329818  
Conc: 52.81 ng/ml



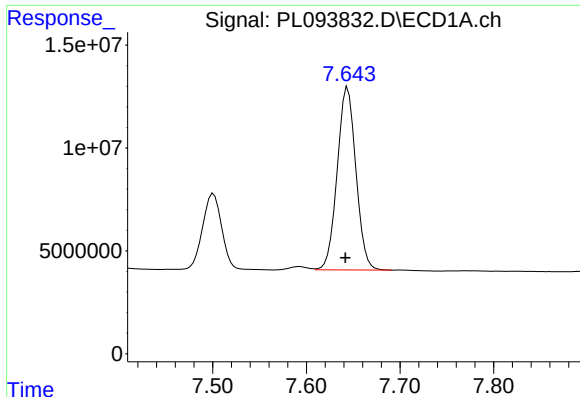
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.003 min  
Response: 52128265  
Conc: 49.96 ng/ml



#20 Methoxychlor

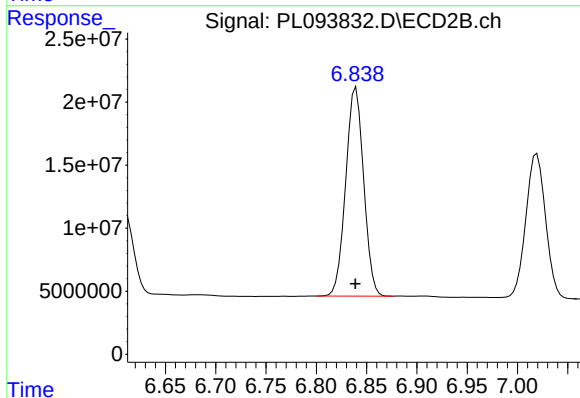
R.T.: 6.611 min  
Delta R.T.: 0.001 min  
Response: 84290332  
Conc: 47.14 ng/ml



#21 Endrin ketone

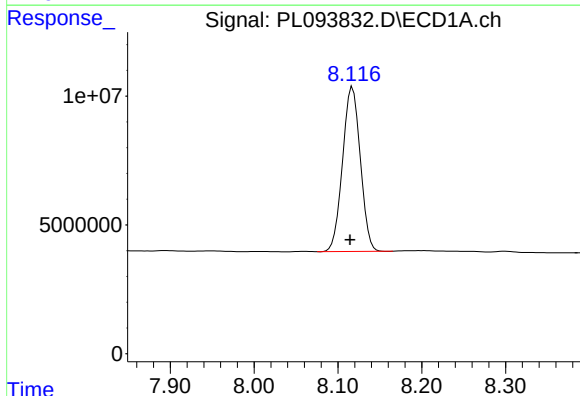
R.T.: 7.644 min  
Delta R.T.: 0.002 min  
Response: 123410225  
Conc: 48.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



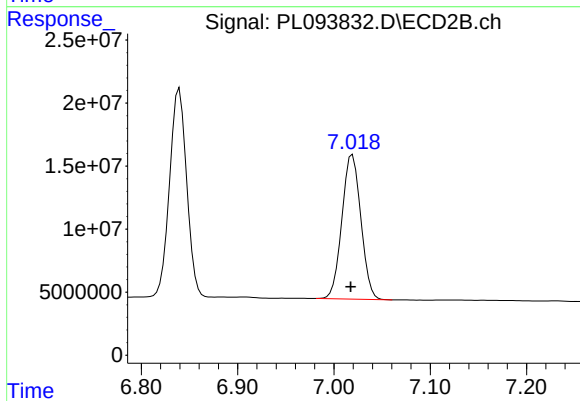
#21 Endrin ketone

R.T.: 6.840 min  
Delta R.T.: 0.000 min  
Response: 205054359  
Conc: 48.88 ng/ml



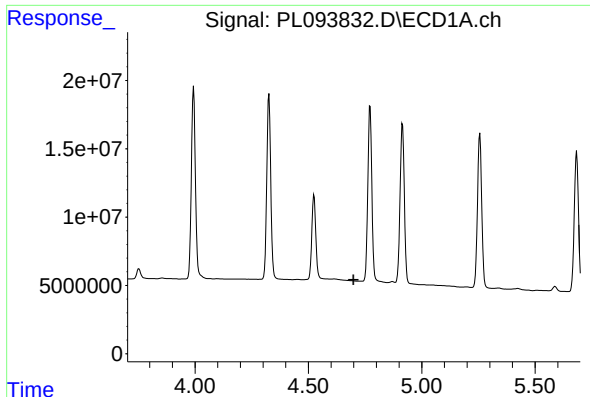
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.003 min  
Response: 94126939  
Conc: 45.20 ng/ml



#22 Mirex

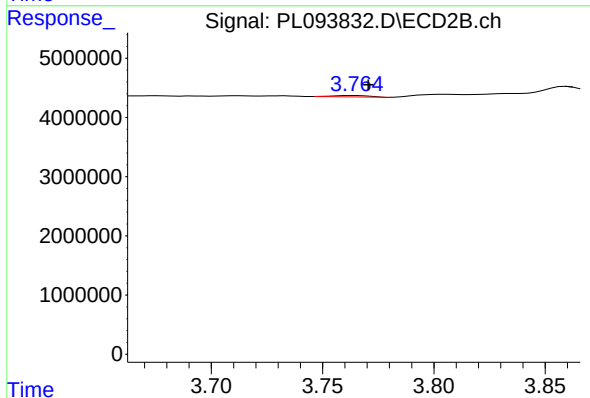
R.T.: 7.019 min  
Delta R.T.: 0.002 min  
Response: 156096669  
Conc: 46.16 ng/ml



#23 Chlordane-1

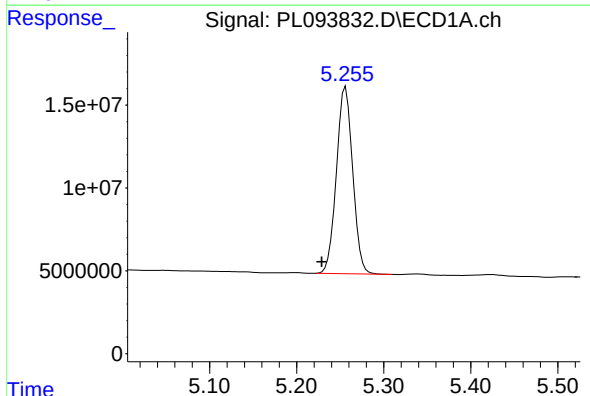
R.T.: 0.000 min  
Exp R.T.: 4.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



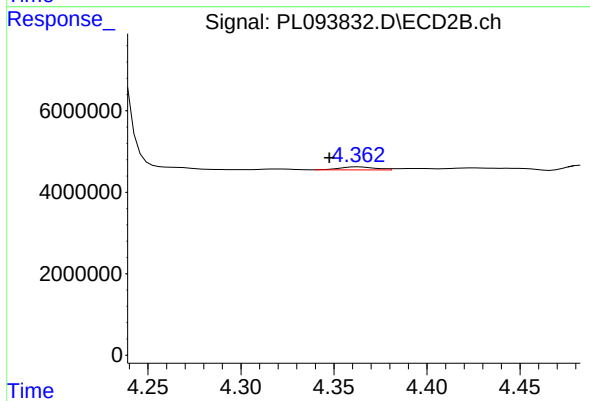
#23 Chlordane-1

R.T.: 3.765 min  
Delta R.T.: -0.006 min  
Response: 269689  
Conc: 2.16 ng/ml



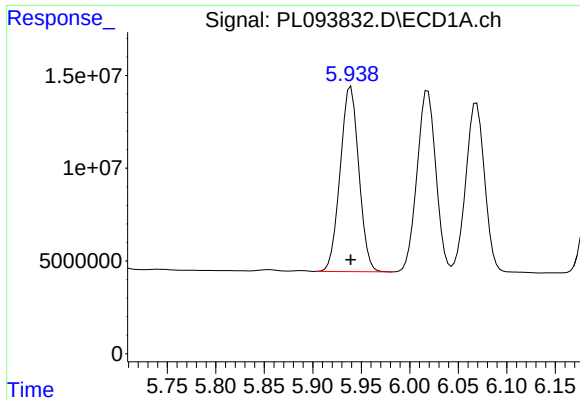
#24 Chlordane-2

R.T.: 5.256 min  
Delta R.T.: 0.027 min  
Response: 146492430  
Conc: 1251.21 ng/ml



#24 Chlordane-2

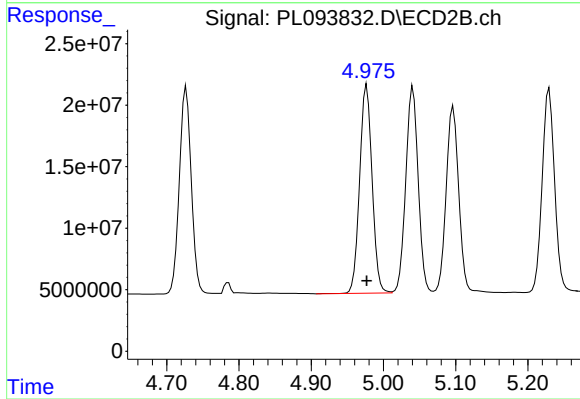
R.T.: 4.363 min  
Delta R.T.: 0.016 min  
Response: 965355  
Conc: 6.58 ng/ml



#25 Chlordane-3

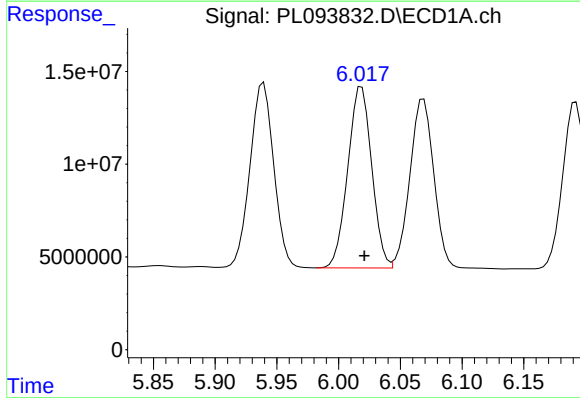
R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 133337536  
Conc: 339.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



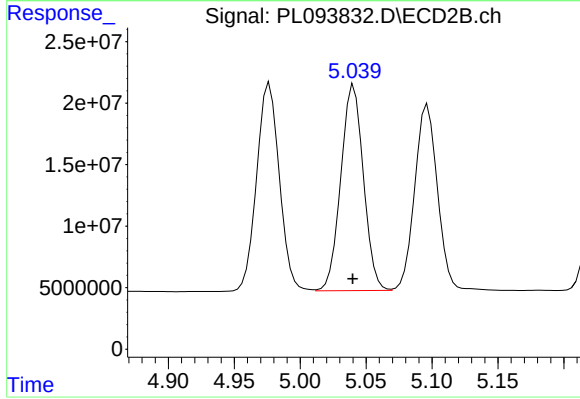
#25 Chlordane-3

R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 202980857  
Conc: 466.81 ng/ml



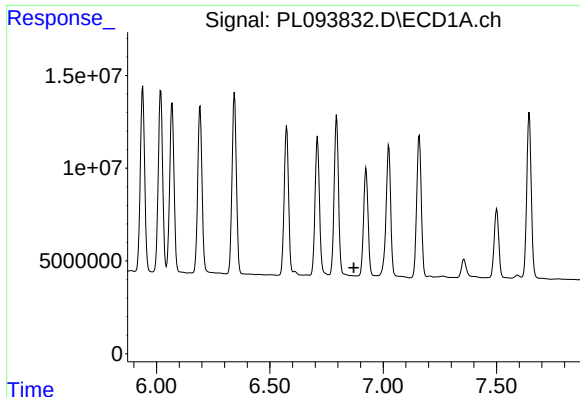
#26 Chlordane-4

R.T.: 6.019 min  
Delta R.T.: -0.002 min  
Response: 132111412  
Conc: 281.02 ng/ml



#26 Chlordane-4

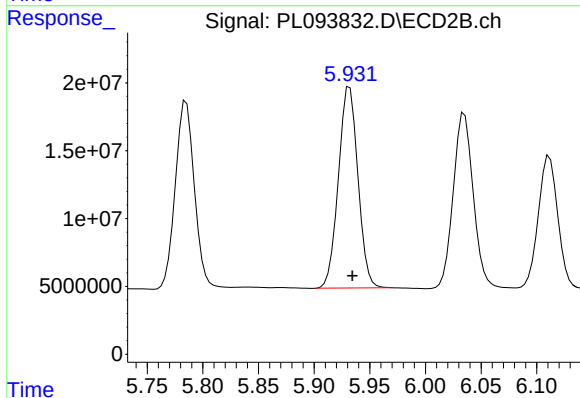
R.T.: 5.041 min  
Delta R.T.: 0.001 min  
Response: 199318642  
Conc: 470.46 ng/ml



#27 Chlordane-5

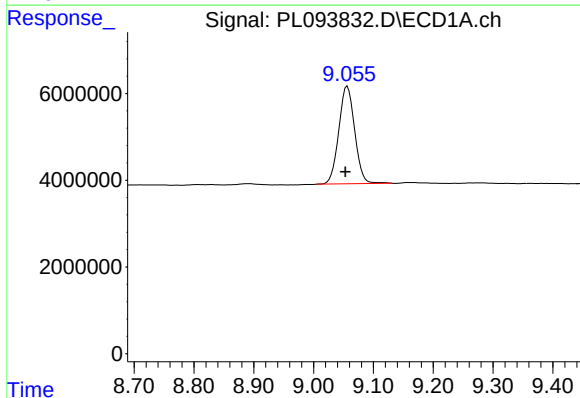
R.T.: 0.000 min  
Exp R.T.: 6.870 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



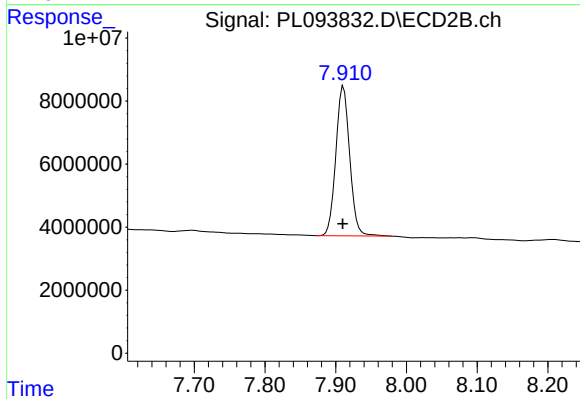
#27 Chlordane-5

R.T.: 5.932 min  
Delta R.T.: -0.002 min  
Response: 181093638  
Conc: 1182.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.004 min  
Response: 41722493  
Conc: 19.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.911 min  
Delta R.T.: 0.001 min  
Response: 64677326  
Conc: 18.46 ng/ml