

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072324\  
 Data File : PL090632CC-2.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jul 2024 17:43  
 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: Jul 24 01:39:11 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 14:16:48 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... | 3.545  | 2.788  | 106.2E6  | 90763569 | 50.993  | 53.931    |
| 28)                         | SA Decachlor... | 9.055  | 7.928  | 72085188 | 79613387 | 54.246  | 54.601    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.000  | 3.291  | 148.1E6  | 132.4E6  | 49.915  | 54.814    |
| 3)                          | MA gamma-BHC... | 4.332  | 3.621  | 140.0E6  | 123.9E6  | 49.985  | 53.742    |
| 4)                          | MA Heptachlor   | 4.921  | 3.962  | 121.8E6  | 113.8E6  | 47.853  | 51.573    |
| 5)                          | MB Aldrin       | 5.263  | 4.242  | 131.2E6  | 119.8E6  | 52.509  | 56.313    |
| 6)                          | B beta-BHC      | 4.528  | 3.919  | 63186735 | 53955776 | 49.811  | 52.272    |
| 7)                          | B delta-BHC     | 4.776  | 4.149  | 131.0E6  | 121.1E6  | 48.846  | 55.053    |
| 8)                          | B Heptachlo...  | 5.688  | 4.744  | 128.7E6  | 102.8E6  | 54.746  | 52.685    |
| 9)                          | A Endosulfan I  | 6.074  | 5.114  | 113.7E6  | 91036386 | 53.186  | 49.781    |
| 10)                         | B gamma-Chl...  | 5.944  | 4.994  | 125.3E6  | 107.1E6  | 53.904  | 52.837    |
| 11)                         | B alpha-Chl...  | 6.023  | 5.058  | 119.5E6  | 106.1E6  | 52.036  | 52.533    |
| 12)                         | B 4,4'-DDE      | 6.196  | 5.247  | 102.0E6  | 99168116 | 50.462  | 55.490    |
| 13)                         | MA Dieldrin     | 6.348  | 5.379  | 110.3E6  | 103.1E6  | 49.630  | 52.593    |
| 14)                         | MA Endrin       | 6.578  | 5.653  | 96023513 | 87303702 | 52.231  | 50.725    |
| 15)                         | B Endosulfa...  | 6.797  | 5.948  | 98959298 | 89517801 | 50.313  | 52.399    |
| 16)                         | A 4,4'-DDD      | 6.712  | 5.801  | 95931496 | 82271730 | 56.825  | 54.911    |
| 17)                         | MA 4,4'-DDT     | 7.026  | 6.052  | 79980962 | 72930537 | 47.515  | 49.777    |
| 18)                         | B Endrin al...  | 6.926  | 6.127  | 75054805 | 68598258 | 50.589  | 52.504    |
| 19)                         | B Endosulfa...  | 7.160  | 6.349  | 88971198 | 85067910 | 50.660  | 52.755    |
| 20)                         | A Methoxychlor  | 7.500  | 6.626  | 42560552 | 39512440 | 48.205  | 48.868    |
| 21)                         | B Endrin ke...  | 7.645  | 6.854  | 100.1E6  | 100.5E6  | 52.433  | 54.994    |
| 22)                         | Mirex           | 8.118  | 7.036  | 76244964 | 80252314 | 53.836  | 53.984    |
| 23)                         | Chlordane-1     | 4.692f | 3.786  | 61358    | 110743   | 0.693   | 1.789 #   |
| 24)                         | Chlordane-2     | 5.220f | 4.380  | 905729   | 7280304  | 8.849   | 95.994 #  |
| 25)                         | Chlordane-3     | 5.944  | 4.994  | 125.3E6  | 107.1E6  | 378.572 | 518.305 # |
| 26)                         | Chlordane-4     | 6.023  | 5.058  | 119.5E6  | 106.1E6  | 299.915 | 542.415 # |
| 27)                         | Chlordane-5     | 0.000  | 5.750f | 0        | 179406   | N.D.    | 2.976 #   |
| -----                       |                 |        |        |          |          |         |           |

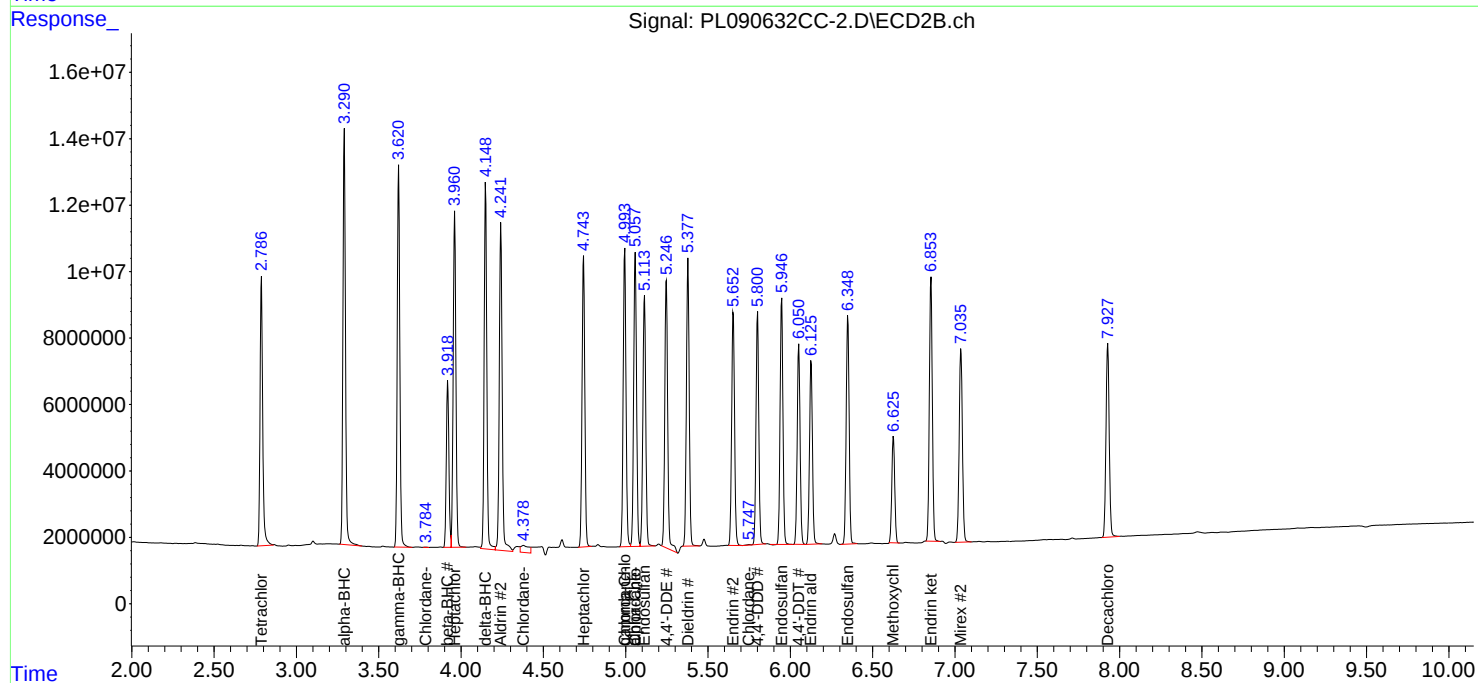
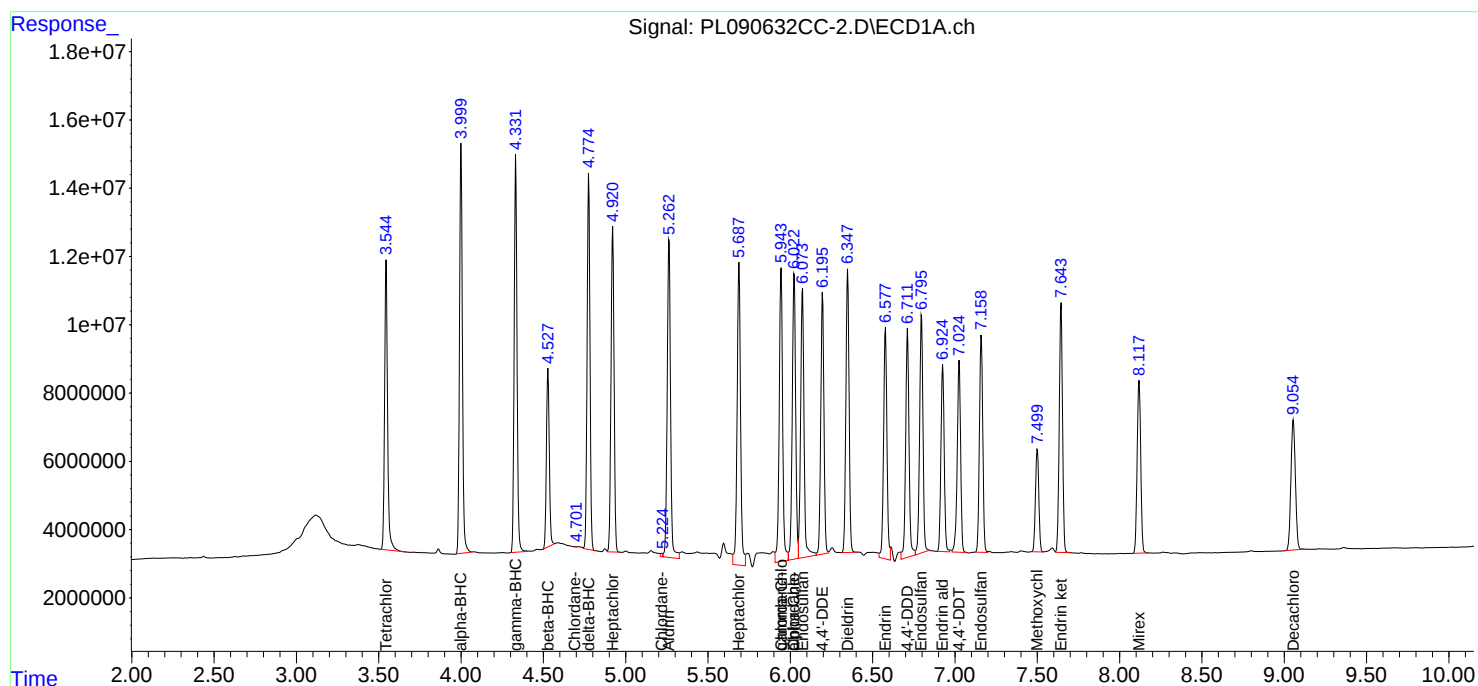
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

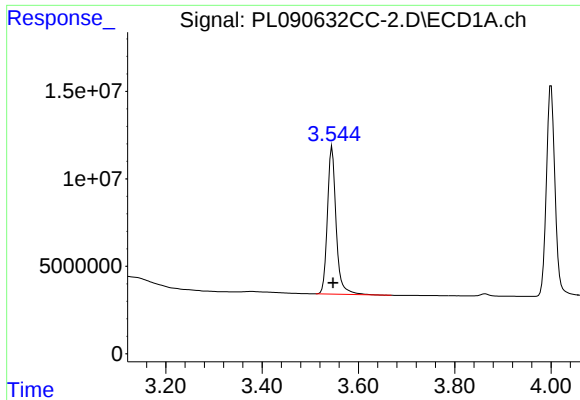
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072324\  
Data File : PL090632CC-2.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jul 2024 17:43  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 24 01:39:11 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 15 14:16:48 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

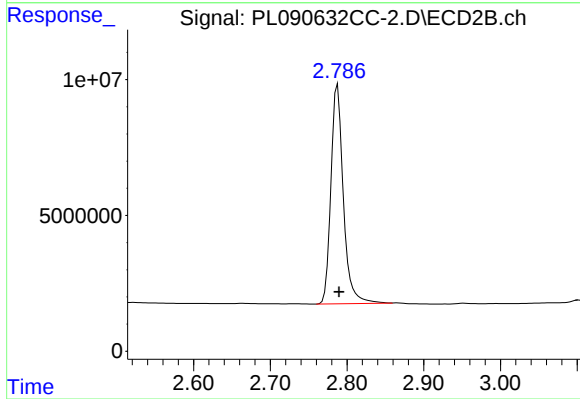




#1 Tetrachloro-m-xylene

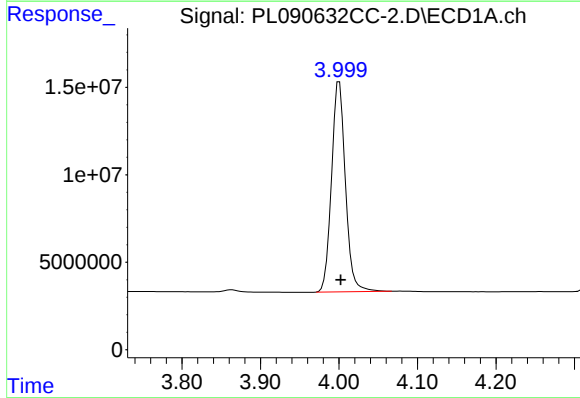
R.T.: 3.545 min  
Delta R.T.: -0.002 min  
Response: 106178573  
Conc: 50.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



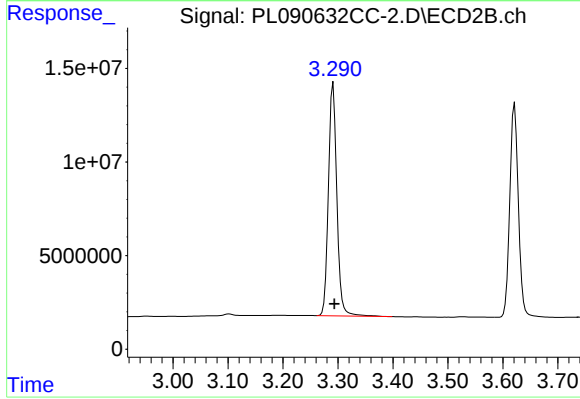
#1 Tetrachloro-m-xylene

R.T.: 2.788 min  
Delta R.T.: -0.002 min  
Response: 90763569  
Conc: 53.93 ng/ml



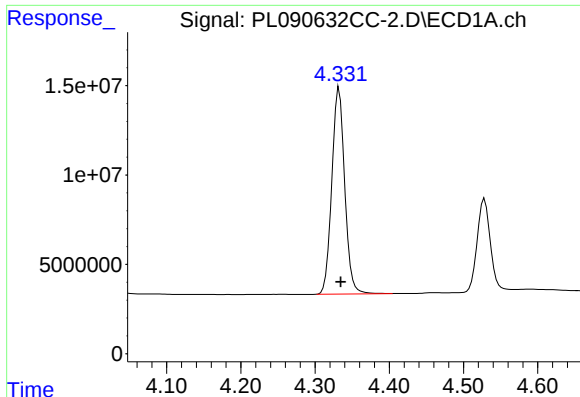
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: -0.002 min  
Response: 148115600  
Conc: 49.91 ng/ml



#2 alpha-BHC

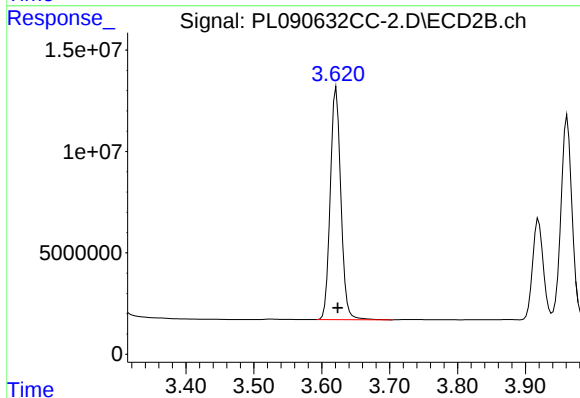
R.T.: 3.291 min  
Delta R.T.: -0.002 min  
Response: 132435360  
Conc: 54.81 ng/ml



#3 gamma-BHC (Lindane)

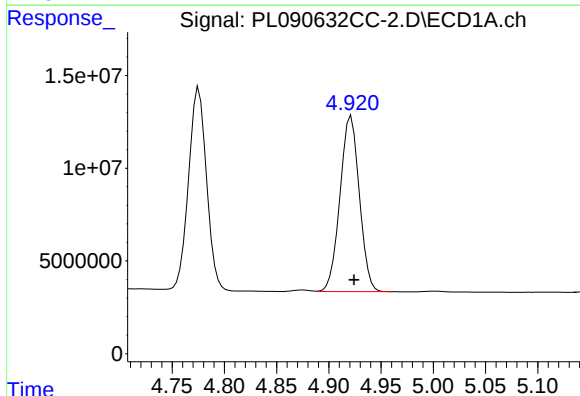
R.T.: 4.332 min  
Delta R.T.: -0.002 min  
Response: 139981647  
Conc: 49.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



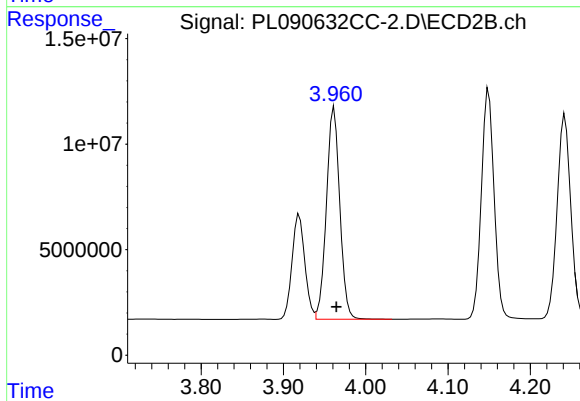
#3 gamma-BHC (Lindane)

R.T.: 3.621 min  
Delta R.T.: -0.002 min  
Response: 123927474  
Conc: 53.74 ng/ml



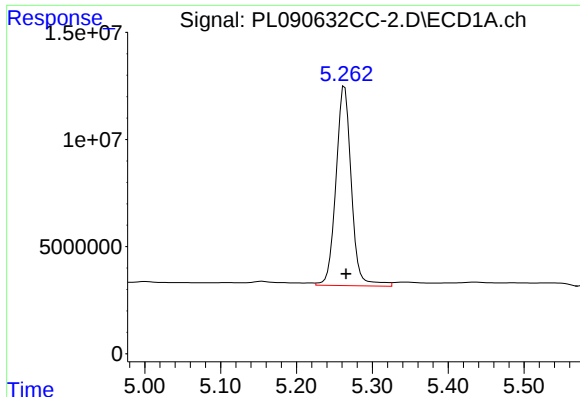
#4 Heptachlor

R.T.: 4.921 min  
Delta R.T.: -0.003 min  
Response: 121787343  
Conc: 47.85 ng/ml



#4 Heptachlor

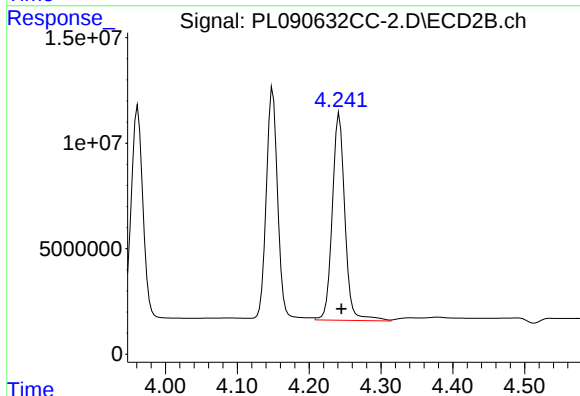
R.T.: 3.962 min  
Delta R.T.: -0.003 min  
Response: 113773061  
Conc: 51.57 ng/ml



#5 Aldrin

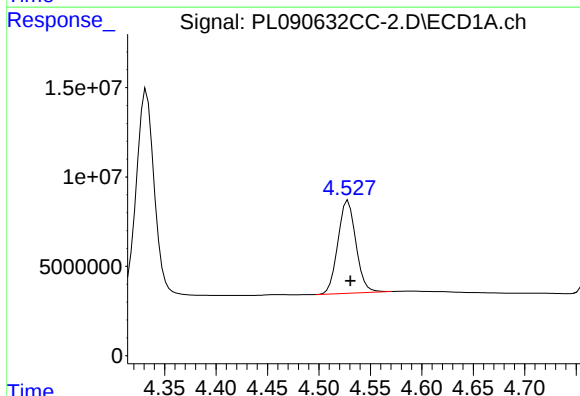
R.T.: 5.263 min  
Delta R.T.: -0.002 min  
Response: 131187173  
Conc: 52.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



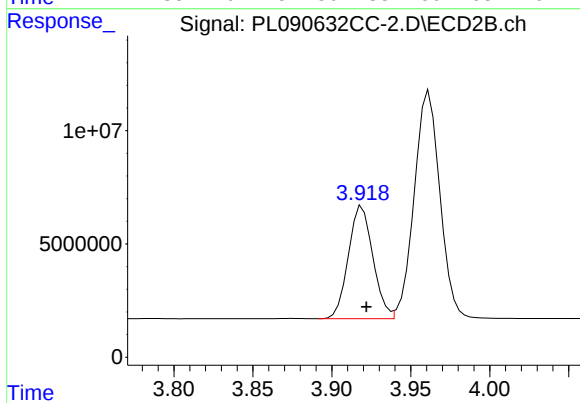
#5 Aldrin

R.T.: 4.242 min  
Delta R.T.: -0.003 min  
Response: 119803777  
Conc: 56.31 ng/ml



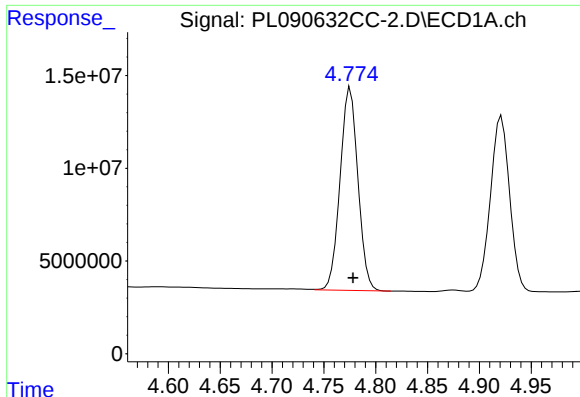
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: -0.002 min  
Response: 63186735  
Conc: 49.81 ng/ml



#6 beta-BHC

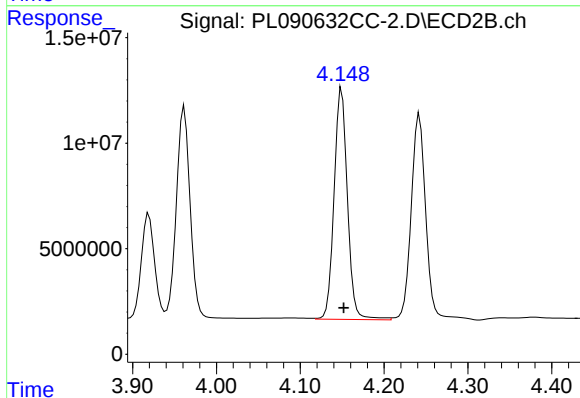
R.T.: 3.919 min  
Delta R.T.: -0.003 min  
Response: 53955776  
Conc: 52.27 ng/ml



#7 delta-BHC

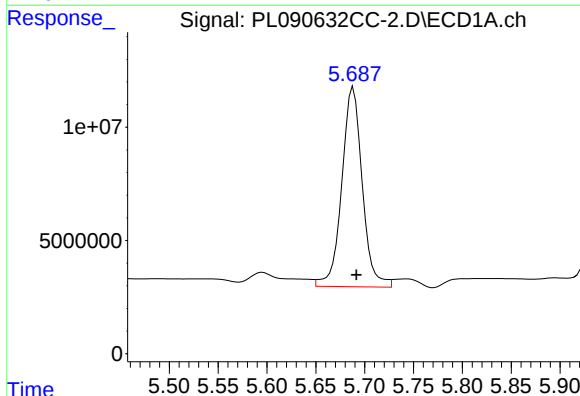
R.T.: 4.776 min  
Delta R.T.: -0.003 min  
Response: 130959990  
Conc: 48.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



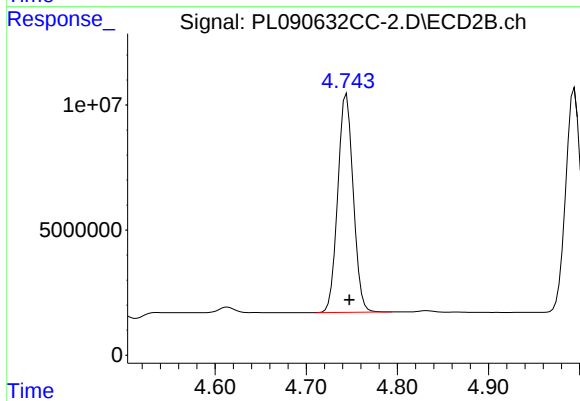
#7 delta-BHC

R.T.: 4.149 min  
Delta R.T.: -0.003 min  
Response: 121102348  
Conc: 55.05 ng/ml



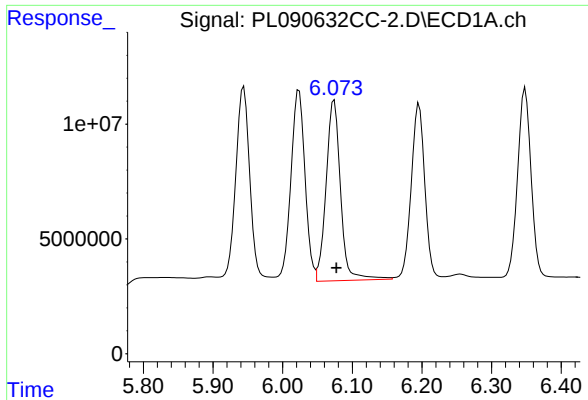
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: -0.003 min  
Response: 128673111  
Conc: 54.75 ng/ml



#8 Heptachlor epoxide

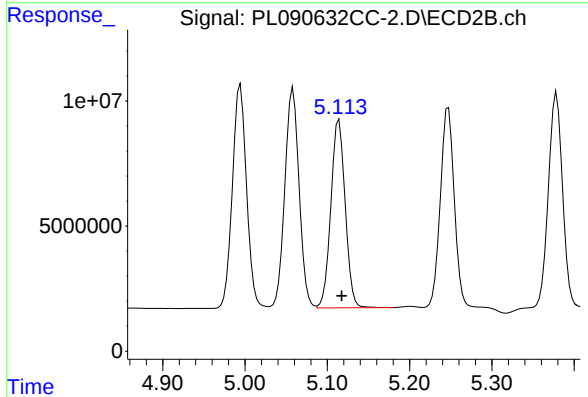
R.T.: 4.744 min  
Delta R.T.: -0.003 min  
Response: 102756685  
Conc: 52.69 ng/ml



#9 Endosulfan I

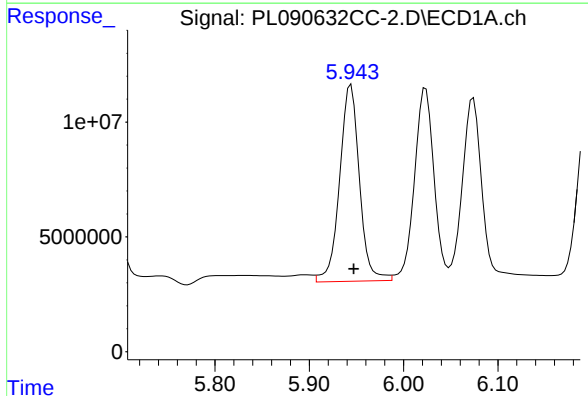
R.T.: 6.074 min  
Delta R.T.: -0.003 min  
Response: 113749665  
Conc: 53.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



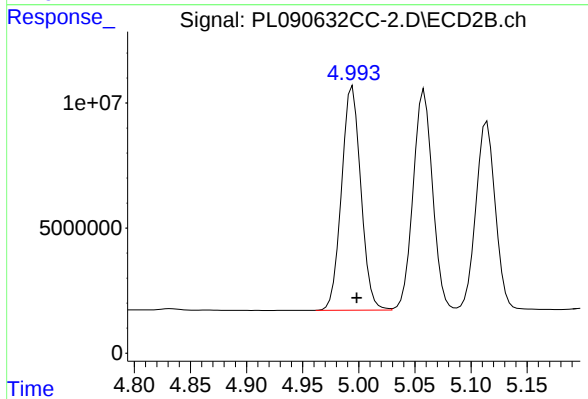
#9 Endosulfan I

R.T.: 5.114 min  
Delta R.T.: -0.003 min  
Response: 91036386  
Conc: 49.78 ng/ml



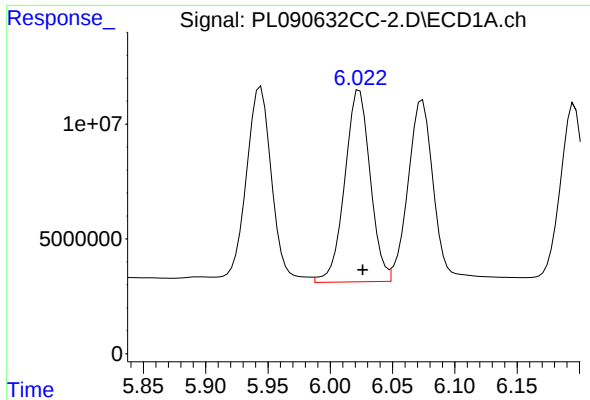
#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: -0.003 min  
Response: 125327605  
Conc: 53.90 ng/ml



#10 gamma-Chlordane

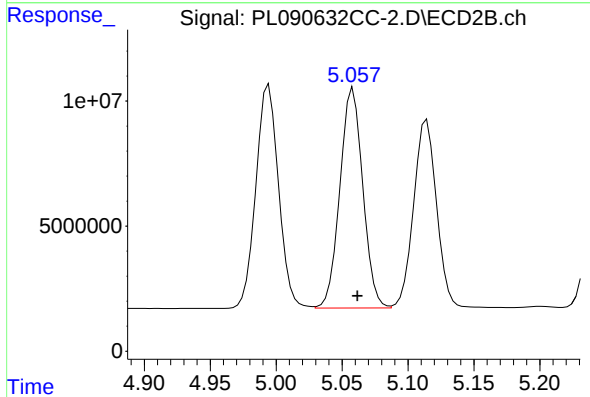
R.T.: 4.994 min  
Delta R.T.: -0.004 min  
Response: 107123200  
Conc: 52.84 ng/ml



#11 alpha-Chlordane

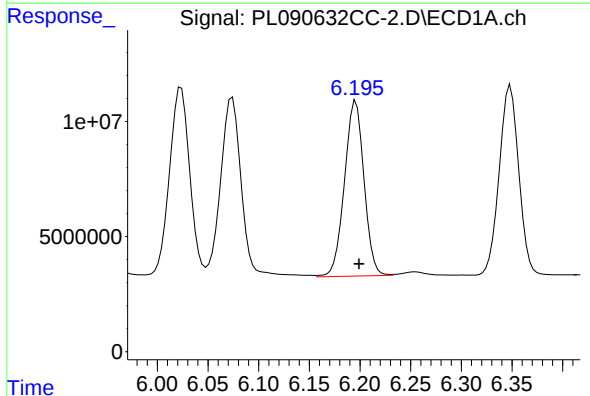
R.T.: 6.023 min  
Delta R.T.: -0.003 min  
Response: 119458664  
Conc: 52.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



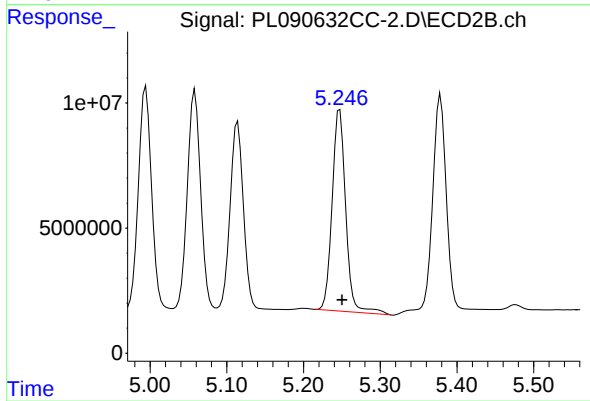
#11 alpha-Chlordane

R.T.: 5.058 min  
Delta R.T.: -0.003 min  
Response: 106149380  
Conc: 52.53 ng/ml



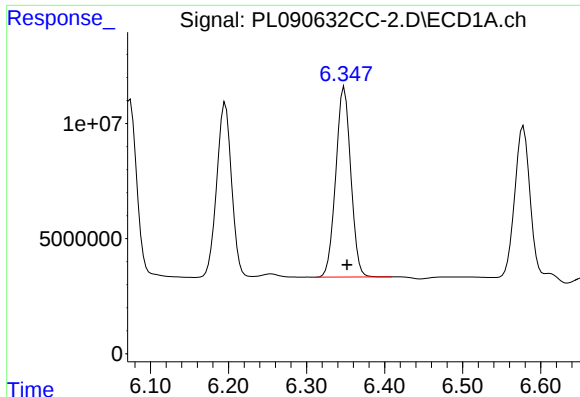
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: -0.003 min  
Response: 102034021  
Conc: 50.46 ng/ml



#12 4,4'-DDE

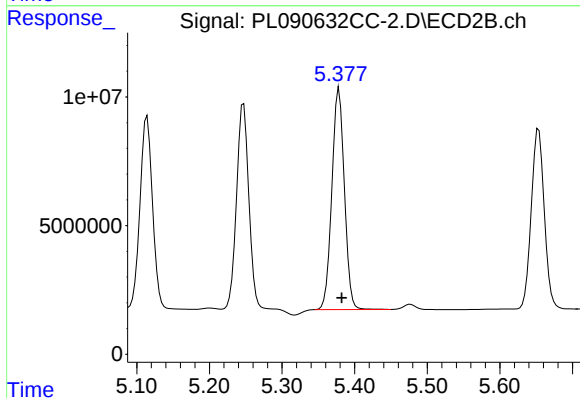
R.T.: 5.247 min  
Delta R.T.: -0.003 min  
Response: 99168116  
Conc: 55.49 ng/ml



#13 Dieldrin

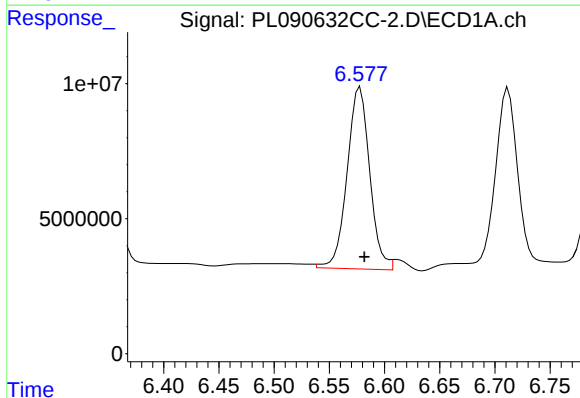
R.T.: 6.348 min  
Delta R.T.: -0.003 min  
Response: 110267821  
Conc: 49.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



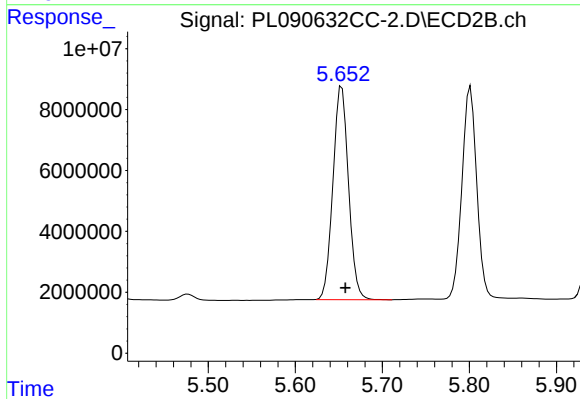
#13 Dieldrin

R.T.: 5.379 min  
Delta R.T.: -0.004 min  
Response: 103130871  
Conc: 52.59 ng/ml



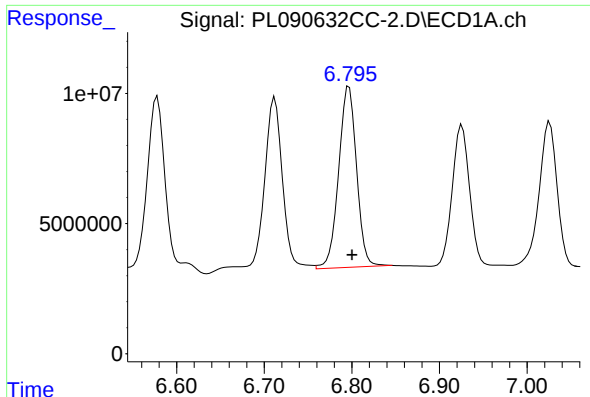
#14 Endrin

R.T.: 6.578 min  
Delta R.T.: -0.004 min  
Response: 96023513  
Conc: 52.23 ng/ml



#14 Endrin

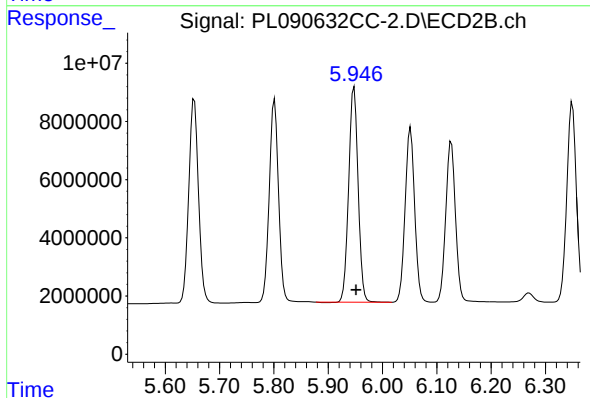
R.T.: 5.653 min  
Delta R.T.: -0.004 min  
Response: 87303702  
Conc: 50.73 ng/ml



#15 Endosulfan II

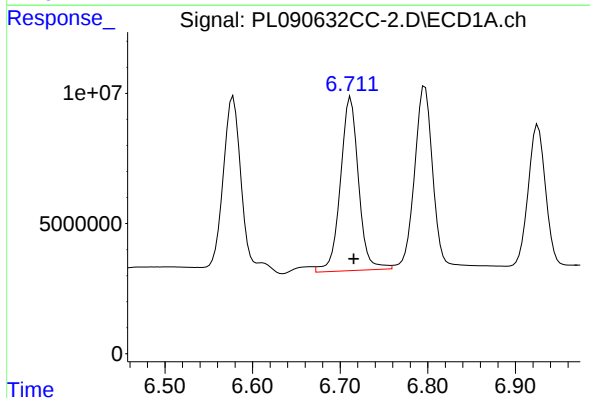
R.T.: 6.797 min  
Delta R.T.: -0.004 min  
Response: 98959298  
Conc: 50.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



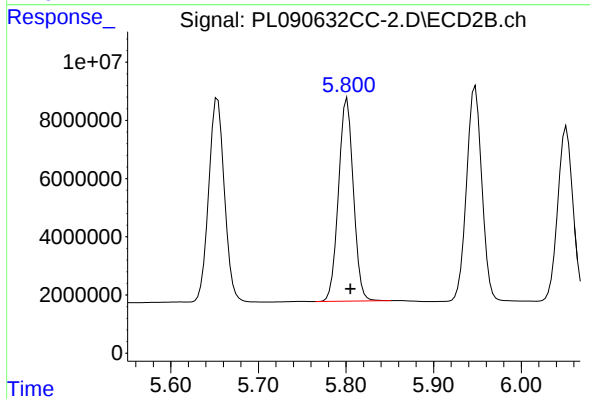
#15 Endosulfan II

R.T.: 5.948 min  
Delta R.T.: -0.004 min  
Response: 89517801  
Conc: 52.40 ng/ml



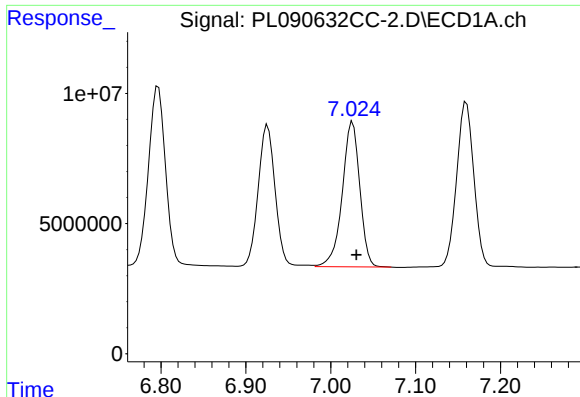
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: -0.004 min  
Response: 95931496  
Conc: 56.82 ng/ml



#16 4,4'-DDD

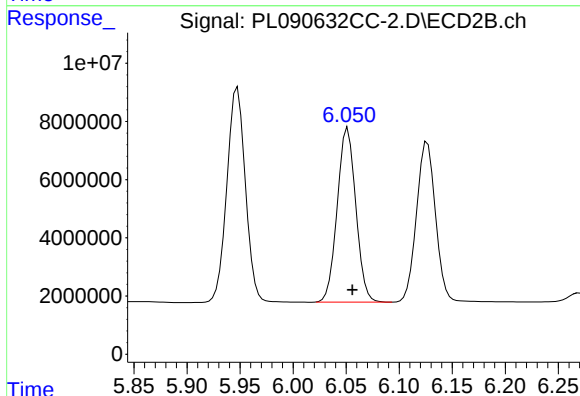
R.T.: 5.801 min  
Delta R.T.: -0.004 min  
Response: 82271730  
Conc: 54.91 ng/ml



#17 4,4'-DDT

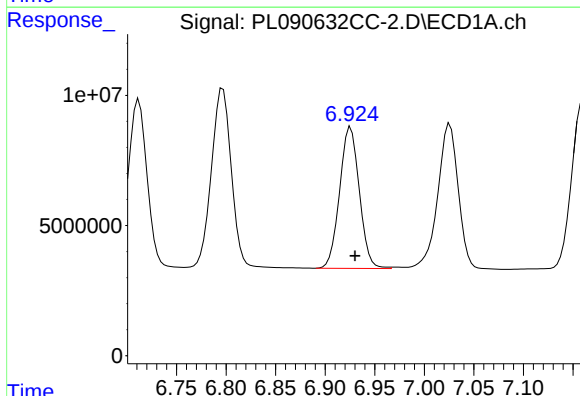
R.T.: 7.026 min  
Delta R.T.: -0.004 min  
Response: 79980962  
Conc: 47.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



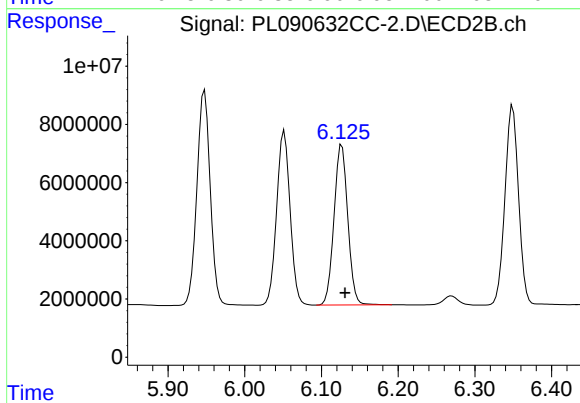
#17 4,4'-DDT

R.T.: 6.052 min  
Delta R.T.: -0.004 min  
Response: 72930537  
Conc: 49.78 ng/ml



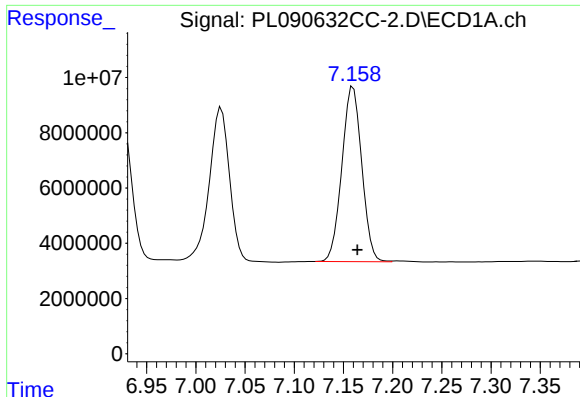
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: -0.004 min  
Response: 75054805  
Conc: 50.59 ng/ml



#18 Endrin aldehyde

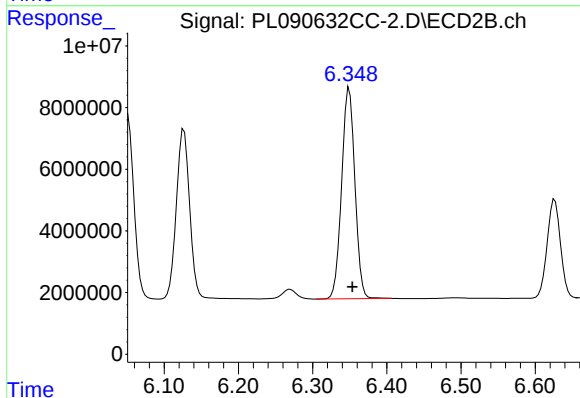
R.T.: 6.127 min  
Delta R.T.: -0.004 min  
Response: 68598258  
Conc: 52.50 ng/ml



#19 Endosulfan Sulfate

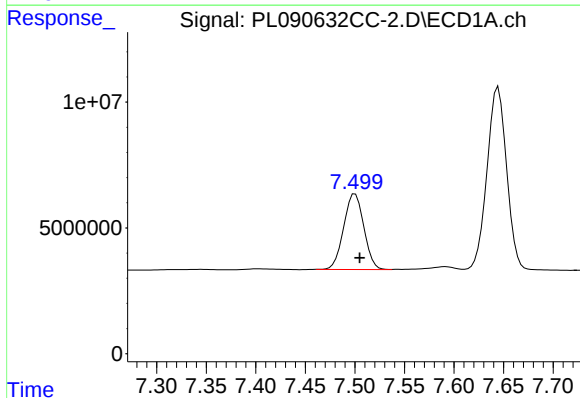
R.T.: 7.160 min  
Delta R.T.: -0.004 min  
Response: 88971198  
Conc: 50.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



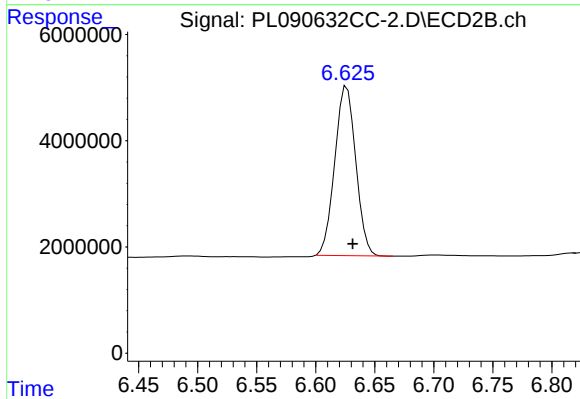
#19 Endosulfan Sulfate

R.T.: 6.349 min  
Delta R.T.: -0.004 min  
Response: 85067910  
Conc: 52.76 ng/ml



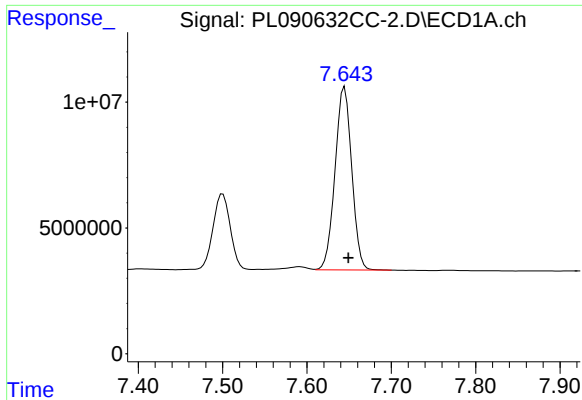
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: -0.004 min  
Response: 42560552  
Conc: 48.20 ng/ml



#20 Methoxychlor

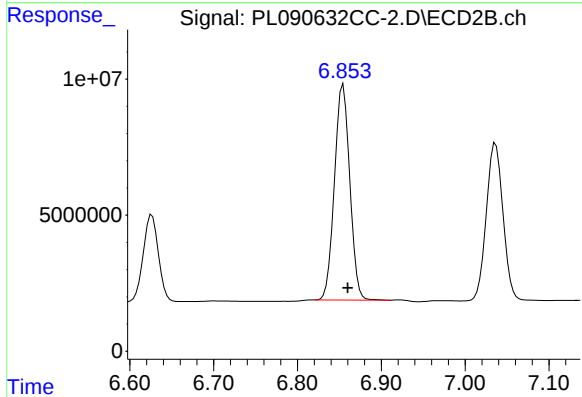
R.T.: 6.626 min  
Delta R.T.: -0.005 min  
Response: 39512440  
Conc: 48.87 ng/ml



#21 Endrin ketone

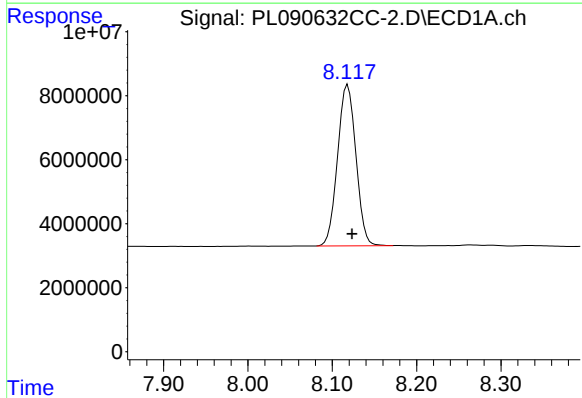
R.T.: 7.645 min  
Delta R.T.: -0.005 min  
Response: 100094344  
Conc: 52.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



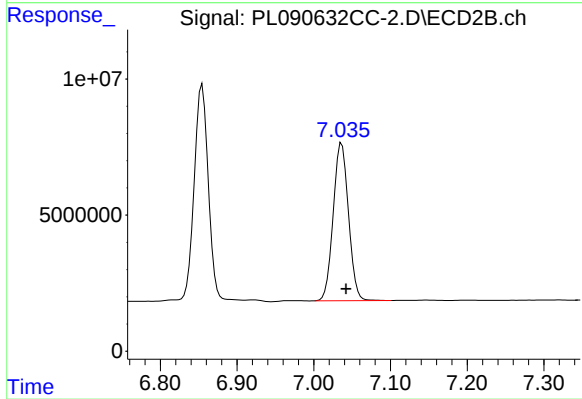
#21 Endrin ketone

R.T.: 6.854 min  
Delta R.T.: -0.006 min  
Response: 100502062  
Conc: 54.99 ng/ml



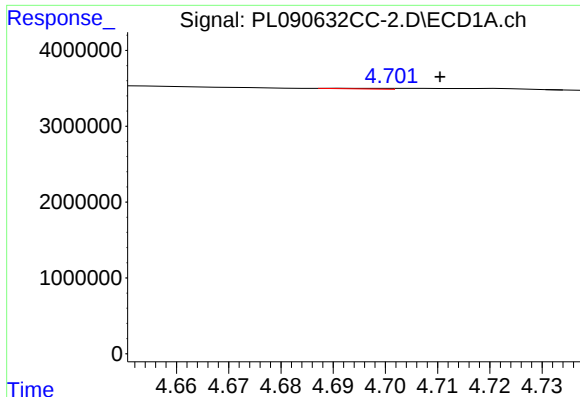
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: -0.005 min  
Response: 76244964  
Conc: 53.84 ng/ml



#22 Mirex

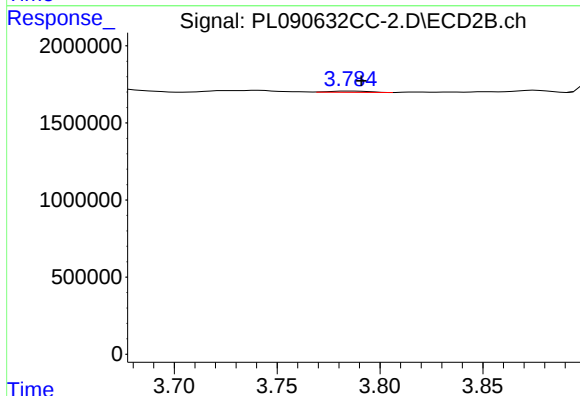
R.T.: 7.036 min  
Delta R.T.: -0.006 min  
Response: 80252314  
Conc: 53.98 ng/ml



#23 Chlordane-1

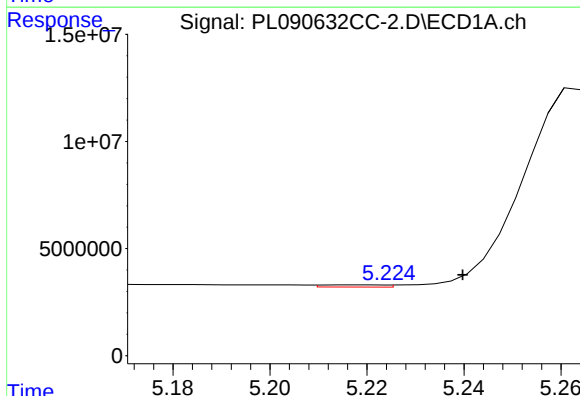
R.T.: 4.692 min  
Delta R.T.: -0.018 min  
Response: 61358  
Conc: 0.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



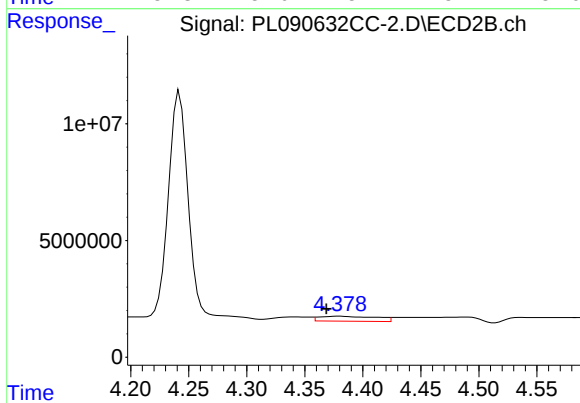
#23 Chlordane-1

R.T.: 3.786 min  
Delta R.T.: -0.005 min  
Response: 110743  
Conc: 1.79 ng/ml



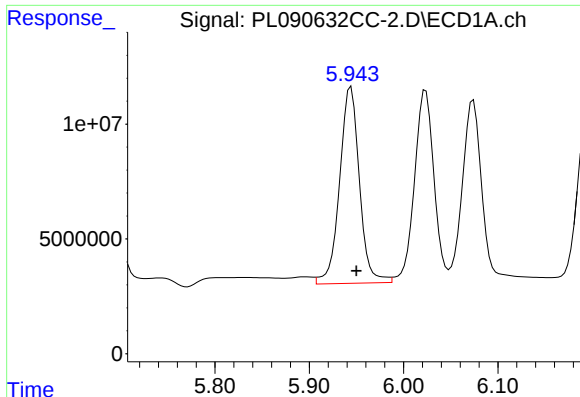
#24 Chlordane-2

R.T.: 5.220 min  
Delta R.T.: -0.020 min  
Response: 905729  
Conc: 8.85 ng/ml



#24 Chlordane-2

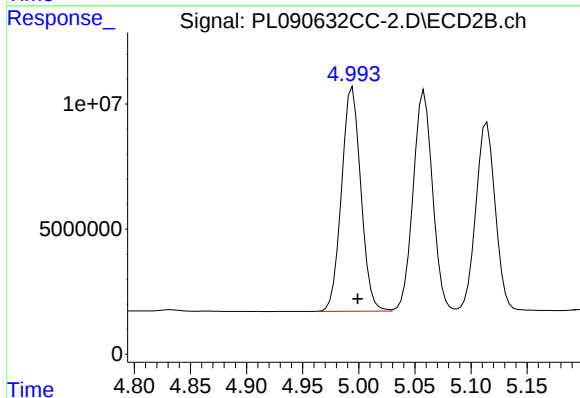
R.T.: 4.380 min  
Delta R.T.: 0.011 min  
Response: 7280304  
Conc: 95.99 ng/ml



#25 Chlordane-3

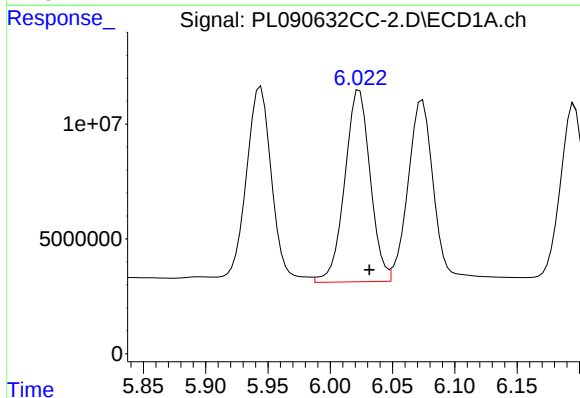
R.T.: 5.944 min  
Delta R.T.: -0.006 min  
Response: 125327605  
Conc: 378.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



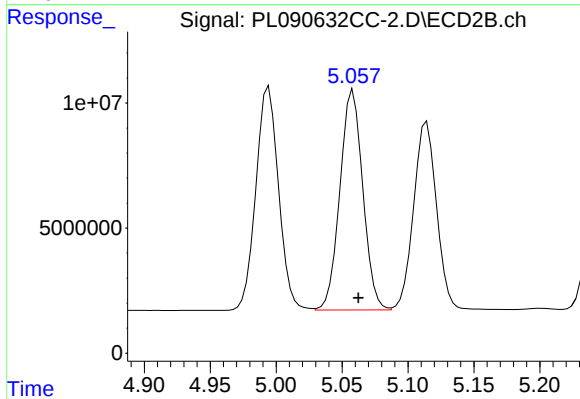
#25 Chlordane-3

R.T.: 4.994 min  
Delta R.T.: -0.005 min  
Response: 107123200  
Conc: 518.30 ng/ml



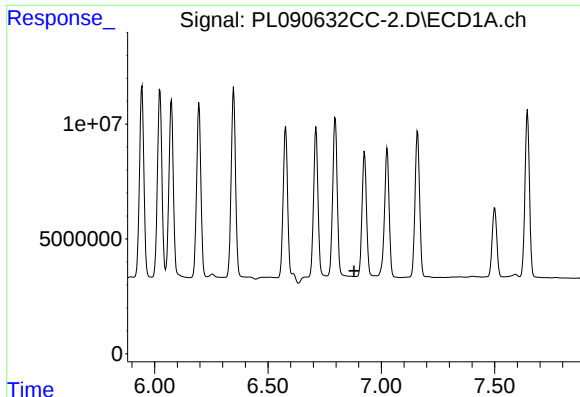
#26 Chlordane-4

R.T.: 6.023 min  
Delta R.T.: -0.008 min  
Response: 119458664  
Conc: 299.91 ng/ml



#26 Chlordane-4

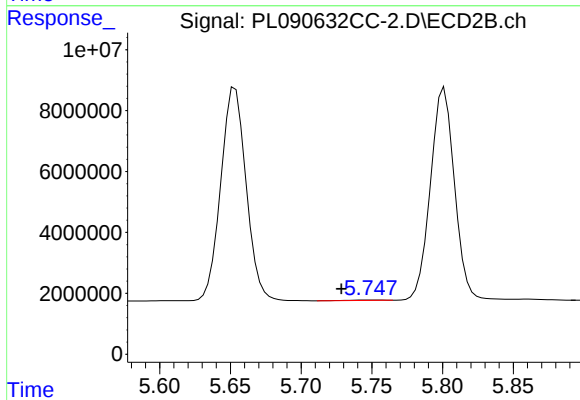
R.T.: 5.058 min  
Delta R.T.: -0.004 min  
Response: 106149380  
Conc: 542.41 ng/ml



#27 Chlordane-5

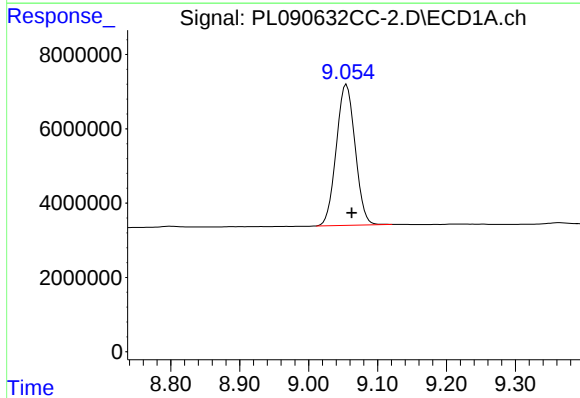
R.T.: 0.000 min  
Exp R.T.: 6.880 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



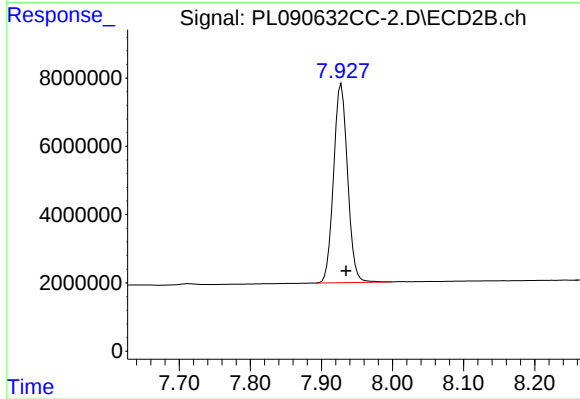
#27 Chlordane-5

R.T.: 5.750 min  
Delta R.T.: 0.021 min  
Response: 179406  
Conc: 2.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min  
Delta R.T.: -0.008 min  
Response: 72085188  
Conc: 54.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.928 min  
Delta R.T.: -0.007 min  
Response: 79613387  
Conc: 54.60 ng/ml