

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071724\  
 Data File : PL090572CC-2.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jul 2024 21:47  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 18 01:42:53 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... | 3.546  | 2.788  | 101.0E6  | 84753974 | 48.519   | 50.360    |
| 28)                         | SA Decachlor... | 9.057  | 7.930  | 65591180 | 74264803 | 49.359   | 50.933    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.001  | 3.292  | 141.6E6  | 125.2E6  | 47.725   | 51.832    |
| 3)                          | MA gamma-BHC... | 4.333  | 3.622  | 133.4E6  | 117.0E6  | 47.620   | 50.741    |
| 4)                          | MA Heptachlor   | 4.922  | 3.963  | 115.6E6  | 107.0E6  | 45.439   | 48.494    |
| 5)                          | MB Aldrin       | 5.264  | 4.243  | 119.1E6  | 110.0E6  | 47.657   | 51.714    |
| 6)                          | B beta-BHC      | 4.529  | 3.920  | 60704515 | 51342486 | 47.854   | 49.741    |
| 7)                          | B delta-BHC     | 4.776  | 4.150  | 125.7E6  | 114.0E6  | 46.896   | 51.843    |
| 8)                          | B Heptachlo...  | 5.689  | 4.745  | 111.2E6  | 97926117 | 47.296   | 50.209    |
| 9)                          | A Endosulfan I  | 6.075  | 5.115  | 100.5E6  | 91253542 | 46.984   | 49.899    |
| 10)                         | B gamma-Chl...  | 5.945  | 4.995  | 110.2E6  | 101.9E6  | 47.389   | 50.269    |
| 11)                         | B alpha-Chl...  | 6.024  | 5.059  | 107.9E6  | 101.2E6  | 46.988   | 50.074    |
| 12)                         | B 4,4'-DDE      | 6.197  | 5.248  | 94984437 | 92126018 | 46.975   | 51.550    |
| 13)                         | MA Dieldrin     | 6.350  | 5.380  | 104.4E6  | 99102141 | 47.010   | 50.539    |
| 14)                         | MA Endrin       | 6.579  | 5.655  | 80026806 | 78930394 | 43.530   | 45.860    |
| 15)                         | B Endosulfa...  | 6.797  | 5.949  | 90602247 | 86428888 | 46.064   | 50.591    |
| 16)                         | A 4,4'-DDD      | 6.713  | 5.802  | 85690102 | 82461969 | 50.758   | 55.038    |
| 17)                         | MA 4,4'-DDT     | 7.027  | 6.053  | 70848947 | 64560662 | 42.090   | 44.064    |
| 18)                         | B Endrin al...  | 6.927  | 6.128  | 70730340 | 65945723 | 47.675   | 50.473    |
| 19)                         | B Endosulfa...  | 7.161  | 6.350  | 83854828 | 81382065 | 47.747   | 50.469    |
| 20)                         | A Methoxychlor  | 7.501  | 6.628  | 36269079 | 35857622 | 41.079   | 44.348    |
| 21)                         | B Endrin ke...  | 7.645  | 6.856  | 96622683 | 98403722 | 50.614   | 53.846    |
| 22)                         | Mirex           | 8.119  | 7.038  | 70169693 | 75643319 | 49.546   | 50.884    |
| 23)                         | Chlordane-1     | 0.000  | 3.785  | 0        | 66139    | N.D.     | 1.068 #   |
| 24)                         | Chlordane-2     | 5.264f | 4.381  | 119.1E6  | 1945617  | 1163.286 | 25.654 #  |
| 25)                         | Chlordane-3     | 5.945  | 4.995  | 110.2E6  | 101.9E6  | 332.820  | 493.109 # |
| 26)                         | Chlordane-4     | 6.024  | 5.059  | 107.9E6  | 101.2E6  | 270.825  | 517.021 # |
| 27)                         | Chlordane-5     | 0.000  | 5.753f | 0        | 219116   | N.D.     | 3.635 #   |
| -----                       |                 |        |        |          |          |          |           |

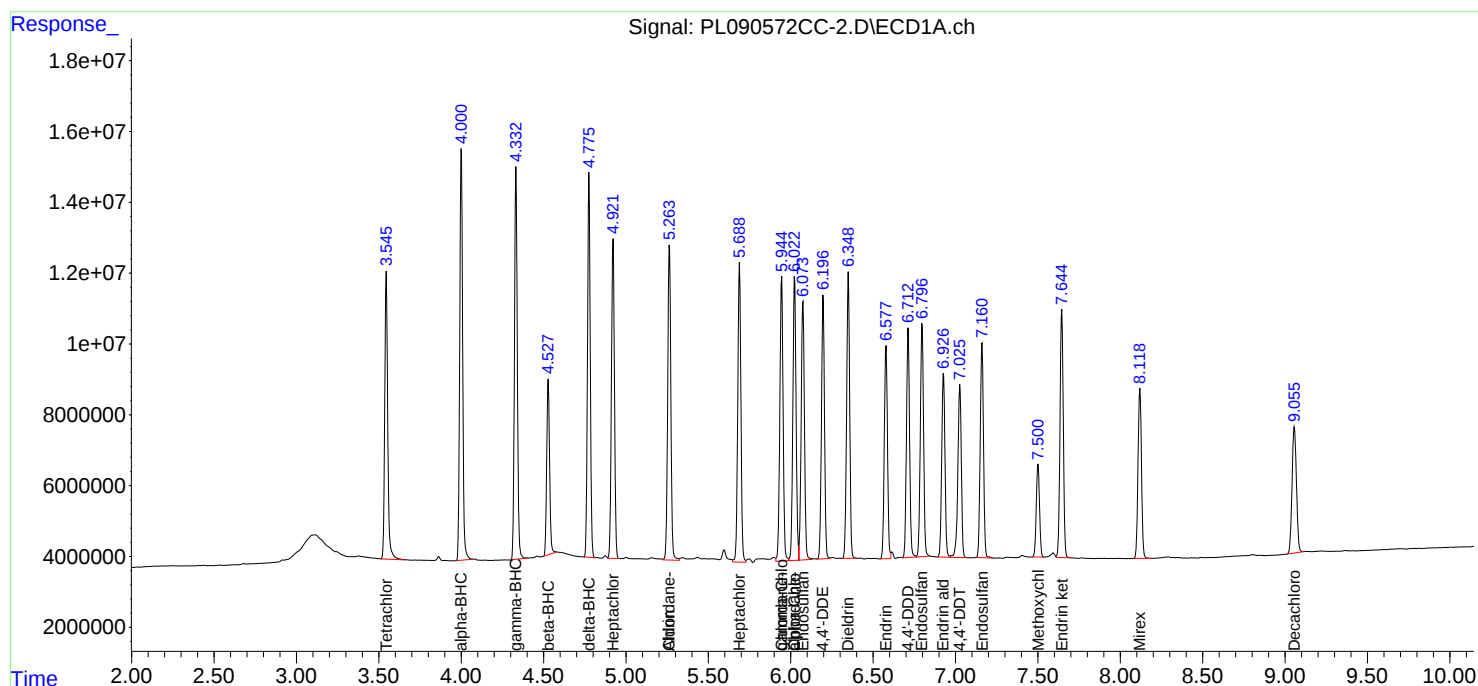
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

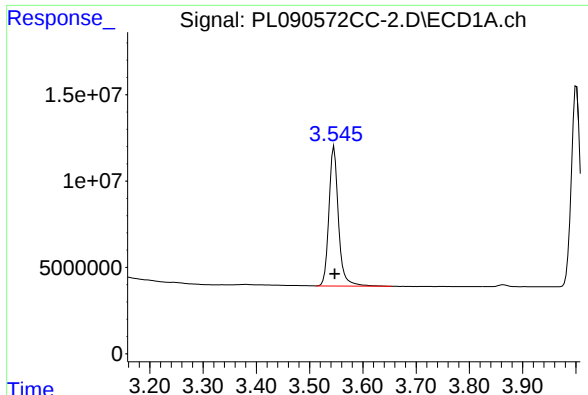
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071724\  
Data File : PL090572CC-2.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jul 2024 21:47  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 18 01:42:53 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  
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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

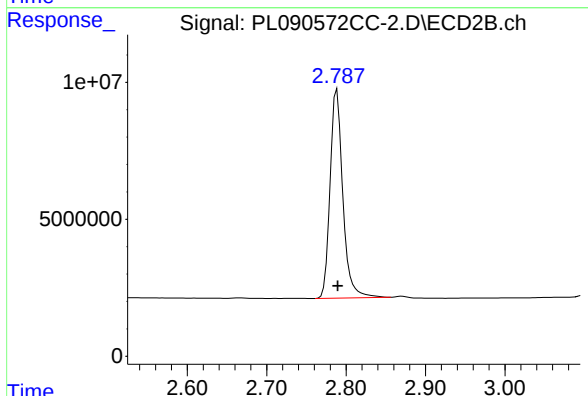




#1 Tetrachloro-m-xylene

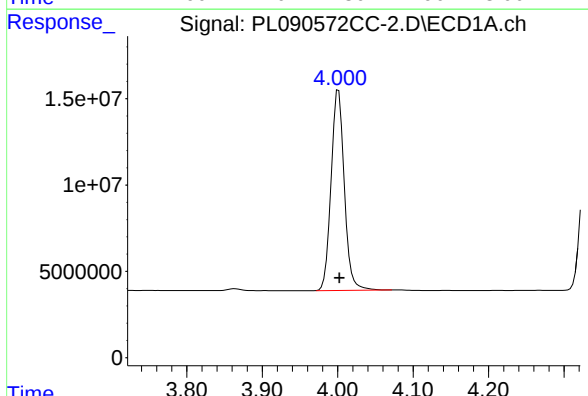
R.T.: 3.546 min  
Delta R.T.: -0.001 min  
Response: 101025923  
Conc: 48.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



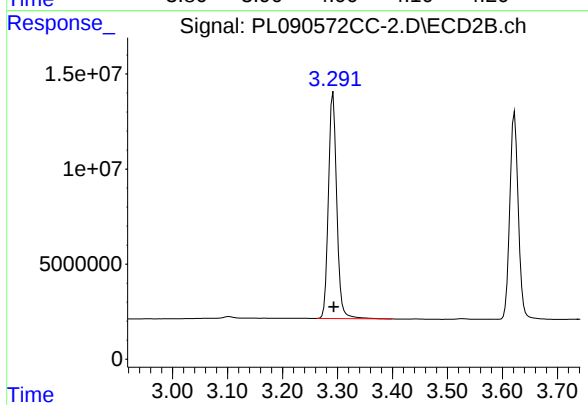
#1 Tetrachloro-m-xylene

R.T.: 2.788 min  
Delta R.T.: -0.001 min  
Response: 84753974  
Conc: 50.36 ng/ml



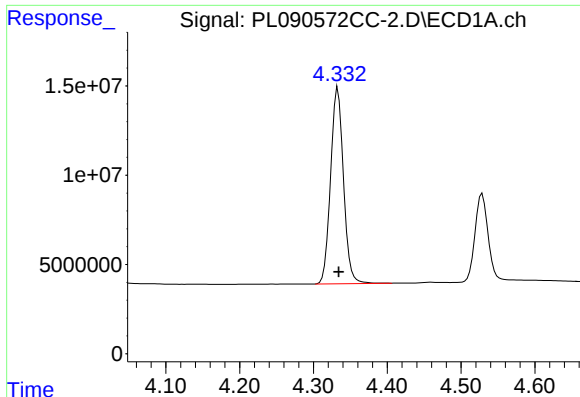
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: -0.001 min  
Response: 141618870  
Conc: 47.73 ng/ml



#2 alpha-BHC

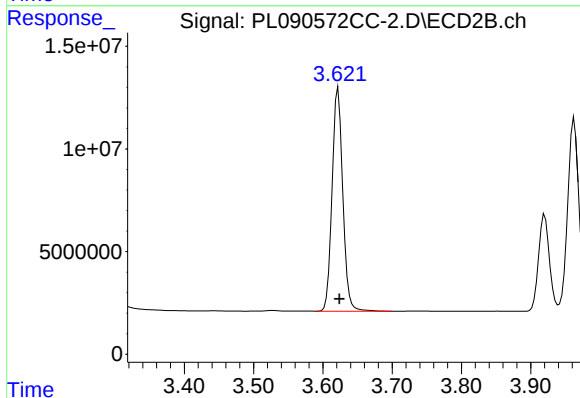
R.T.: 3.292 min  
Delta R.T.: -0.001 min  
Response: 125231789  
Conc: 51.83 ng/ml



#3 gamma-BHC (Lindane)

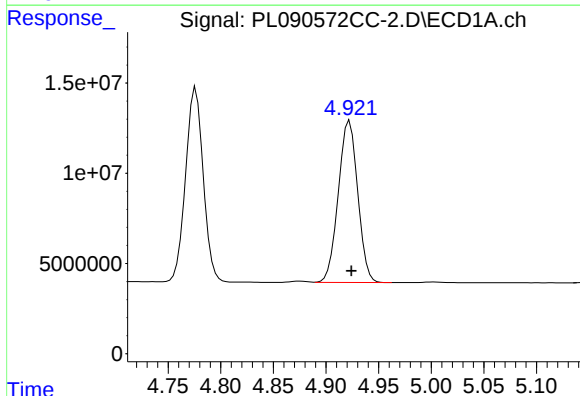
R.T.: 4.333 min  
Delta R.T.: -0.001 min  
Response: 133358329  
Conc: 47.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



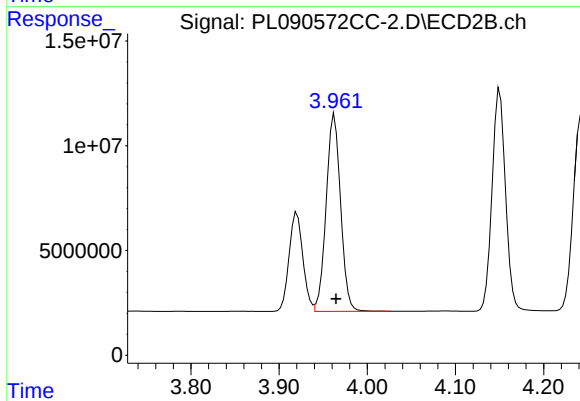
#3 gamma-BHC (Lindane)

R.T.: 3.622 min  
Delta R.T.: -0.002 min  
Response: 117007932  
Conc: 50.74 ng/ml



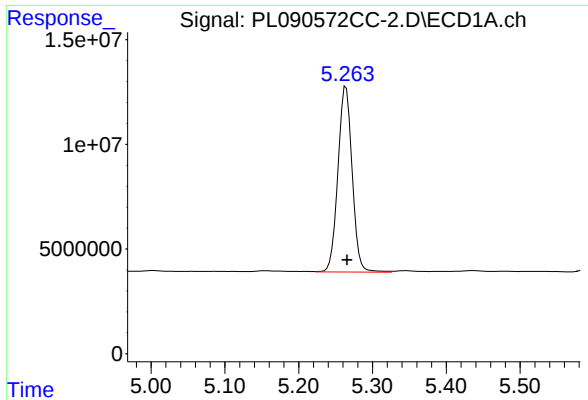
#4 Heptachlor

R.T.: 4.922 min  
Delta R.T.: -0.002 min  
Response: 115644602  
Conc: 45.44 ng/ml



#4 Heptachlor

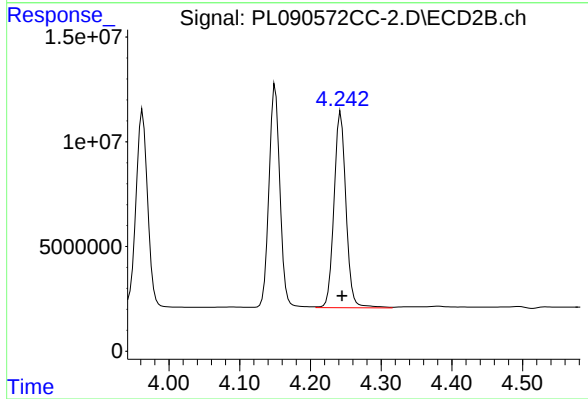
R.T.: 3.963 min  
Delta R.T.: -0.002 min  
Response: 106979695  
Conc: 48.49 ng/ml



#5 Aldrin

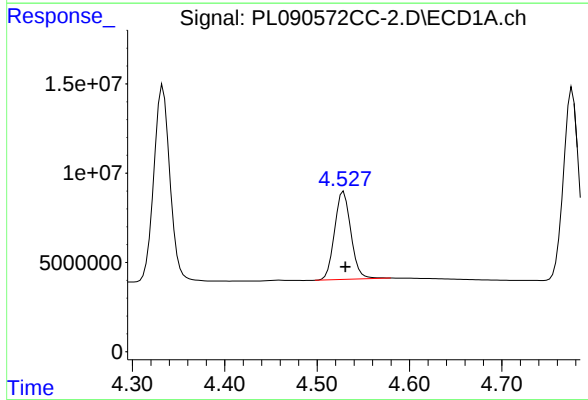
R.T.: 5.264 min  
Delta R.T.: -0.001 min  
Response: 119066021  
Conc: 47.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



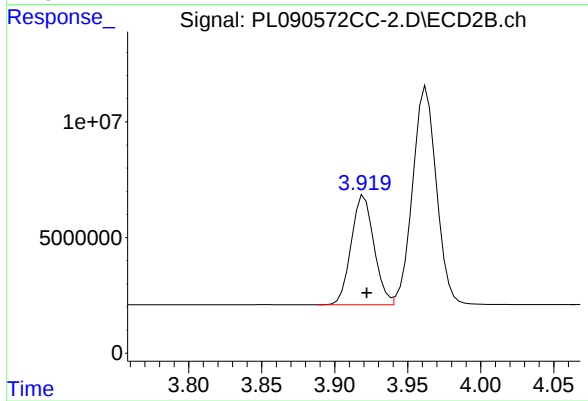
#5 Aldrin

R.T.: 4.243 min  
Delta R.T.: -0.002 min  
Response: 110019508  
Conc: 51.71 ng/ml



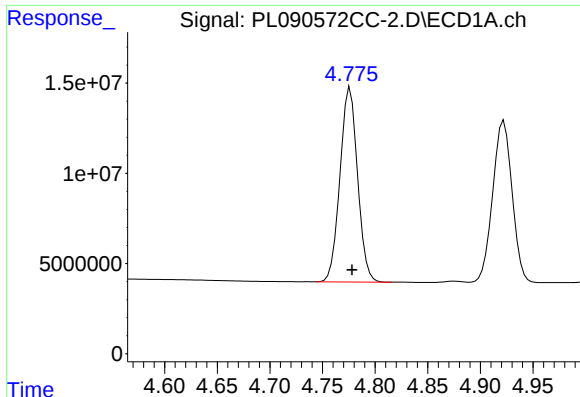
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: -0.002 min  
Response: 60704515  
Conc: 47.85 ng/ml



#6 beta-BHC

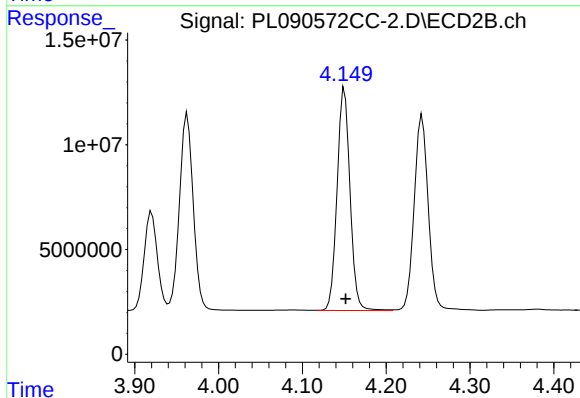
R.T.: 3.920 min  
Delta R.T.: -0.002 min  
Response: 51342486  
Conc: 49.74 ng/ml



#7 delta-BHC

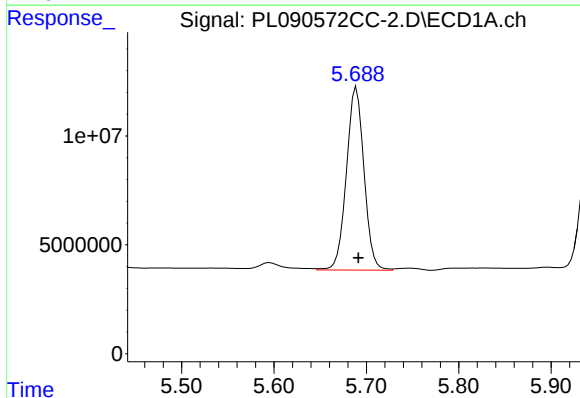
R.T.: 4.776 min  
Delta R.T.: -0.002 min  
Response: 125730427  
Conc: 46.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



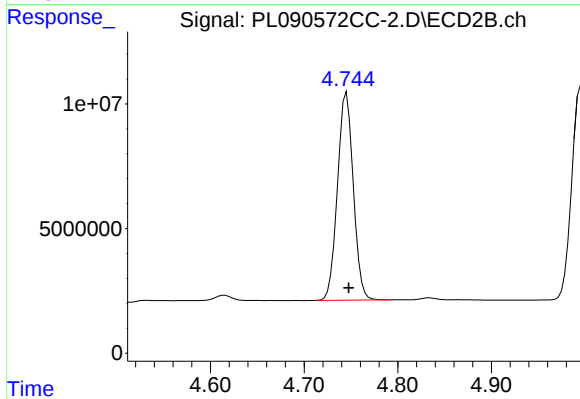
#7 delta-BHC

R.T.: 4.150 min  
Delta R.T.: -0.002 min  
Response: 114040561  
Conc: 51.84 ng/ml



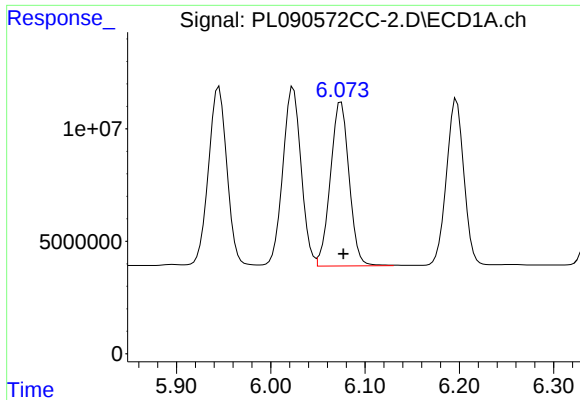
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: -0.002 min  
Response: 111164554  
Conc: 47.30 ng/ml



#8 Heptachlor epoxide

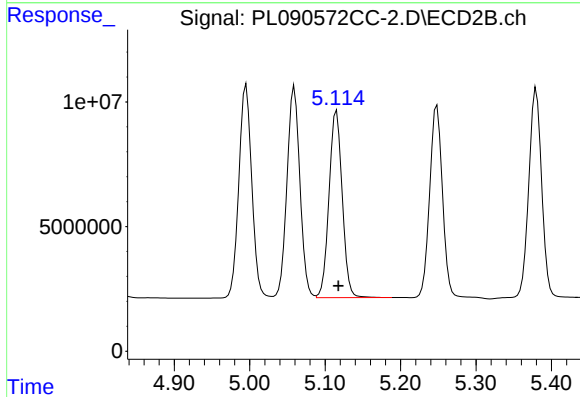
R.T.: 4.745 min  
Delta R.T.: -0.002 min  
Response: 97926117  
Conc: 50.21 ng/ml



#9 Endosulfan I

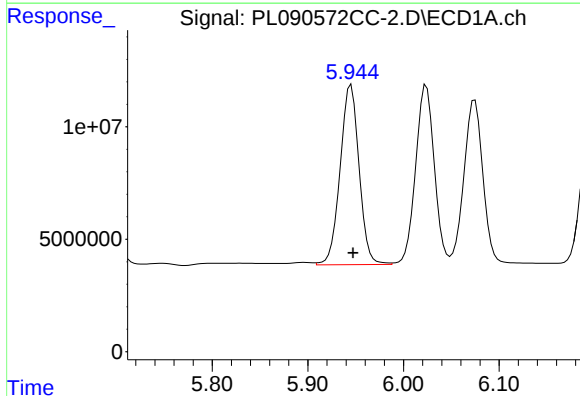
R.T.: 6.075 min  
Delta R.T.: -0.002 min  
Response: 100486562  
Conc: 46.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



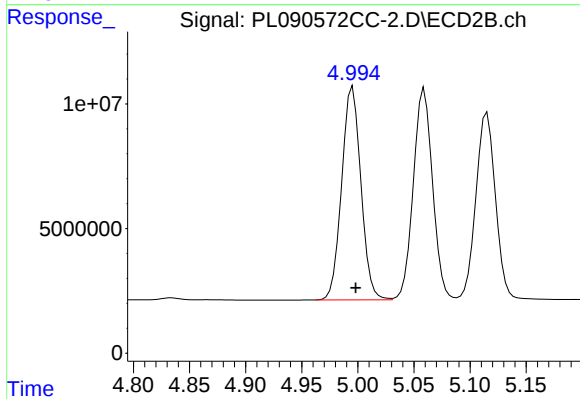
#9 Endosulfan I

R.T.: 5.115 min  
Delta R.T.: -0.003 min  
Response: 91253542  
Conc: 49.90 ng/ml



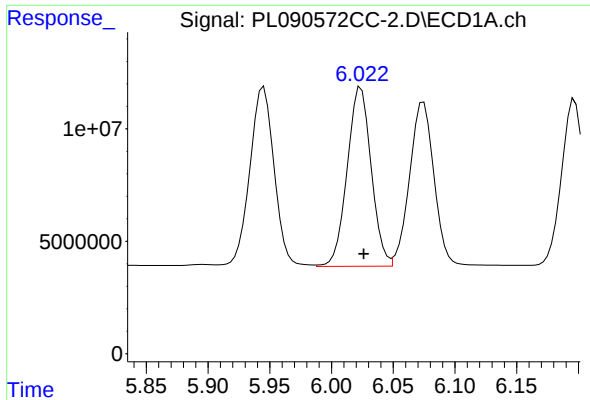
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: -0.002 min  
Response: 110181276  
Conc: 47.39 ng/ml



#10 gamma-Chlordane

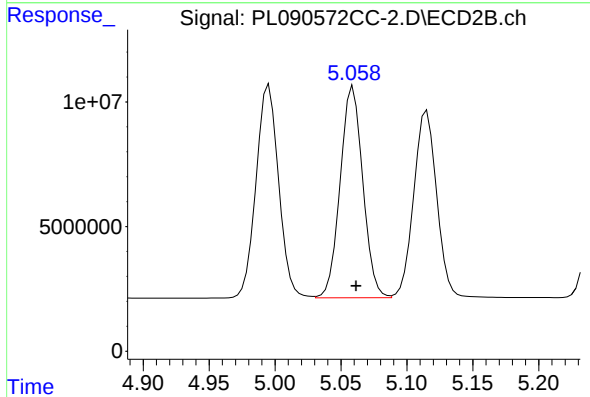
R.T.: 4.995 min  
Delta R.T.: -0.003 min  
Response: 101915648  
Conc: 50.27 ng/ml



#11 alpha-Chlordane

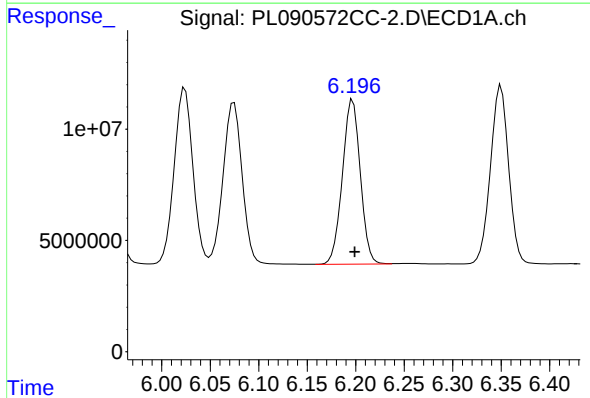
R.T.: 6.024 min  
Delta R.T.: -0.002 min  
Response: 107871994  
Conc: 46.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



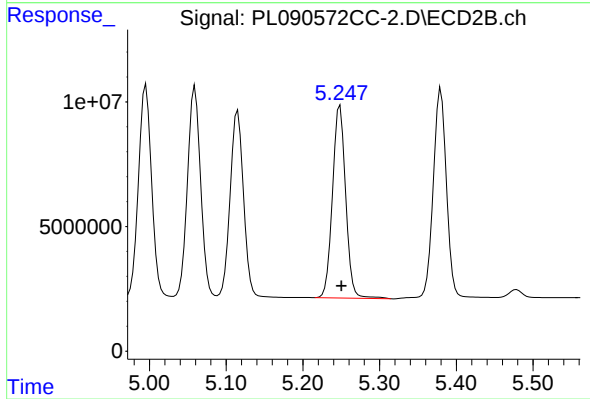
#11 alpha-Chlordane

R.T.: 5.059 min  
Delta R.T.: -0.002 min  
Response: 101179880  
Conc: 50.07 ng/ml



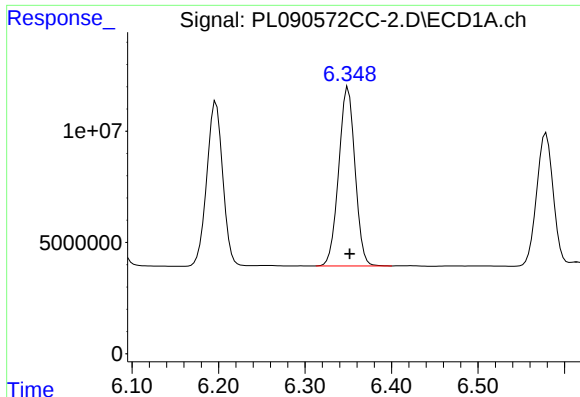
#12 4,4'-DDE

R.T.: 6.197 min  
Delta R.T.: -0.002 min  
Response: 94984437  
Conc: 46.98 ng/ml



#12 4,4'-DDE

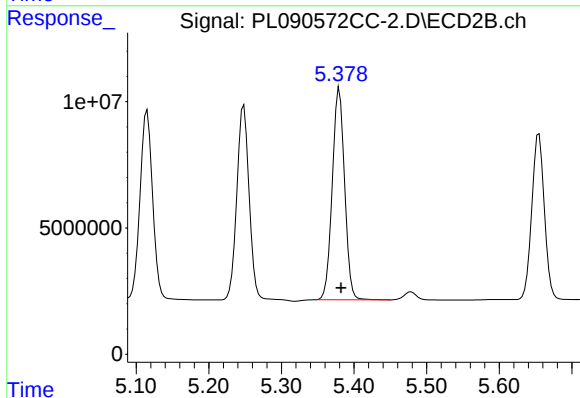
R.T.: 5.248 min  
Delta R.T.: -0.002 min  
Response: 92126018  
Conc: 51.55 ng/ml



#13 Dieldrin

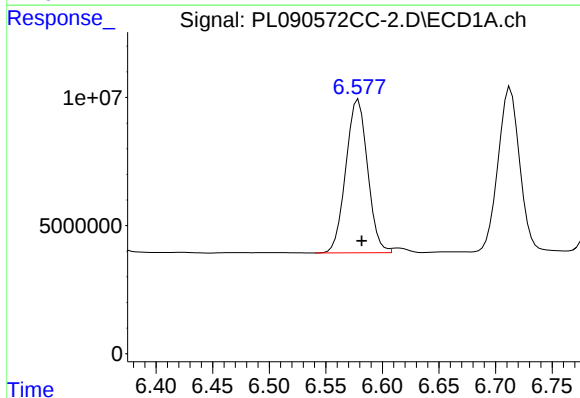
R.T.: 6.350 min  
Delta R.T.: -0.002 min  
Response: 104446792  
Conc: 47.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



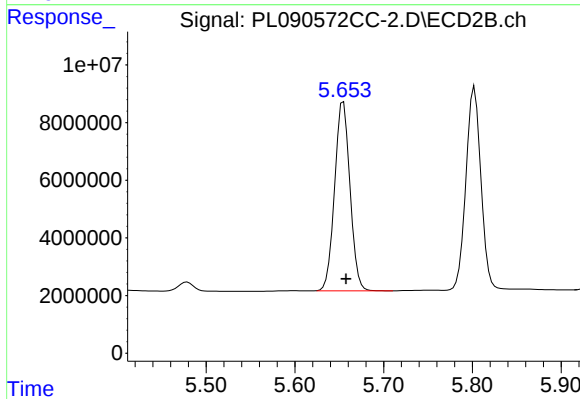
#13 Dieldrin

R.T.: 5.380 min  
Delta R.T.: -0.002 min  
Response: 99102141  
Conc: 50.54 ng/ml



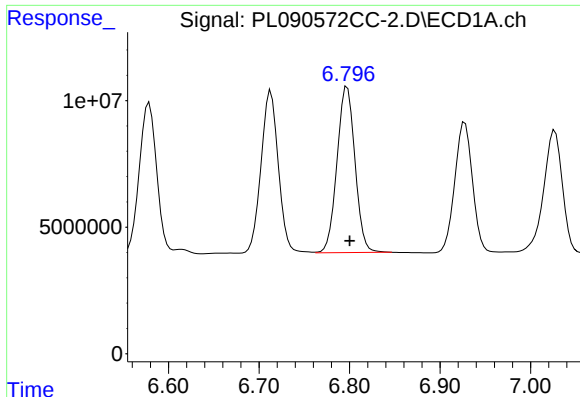
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: -0.003 min  
Response: 80026806  
Conc: 43.53 ng/ml



#14 Endrin

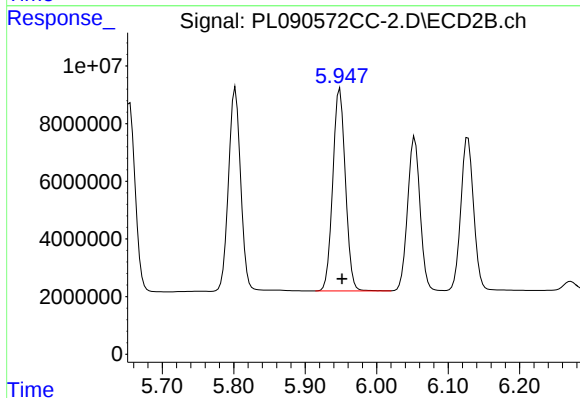
R.T.: 5.655 min  
Delta R.T.: -0.003 min  
Response: 78930394  
Conc: 45.86 ng/ml



#15 Endosulfan II

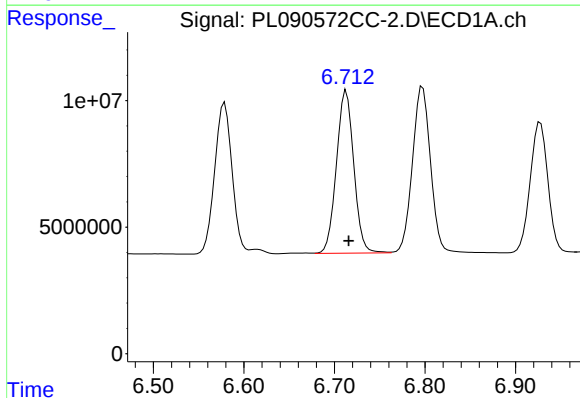
R.T.: 6.797 min  
Delta R.T.: -0.003 min  
Response: 90602247  
Conc: 46.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



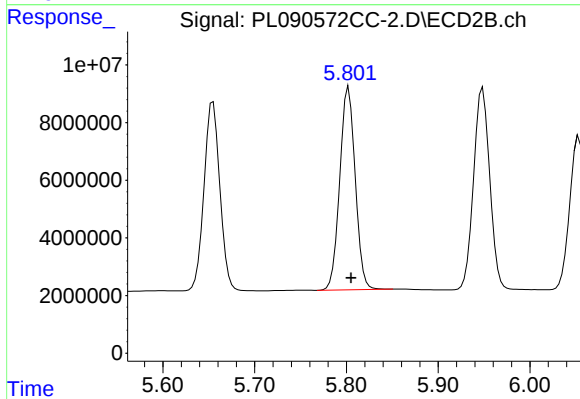
#15 Endosulfan II

R.T.: 5.949 min  
Delta R.T.: -0.003 min  
Response: 86428888  
Conc: 50.59 ng/ml



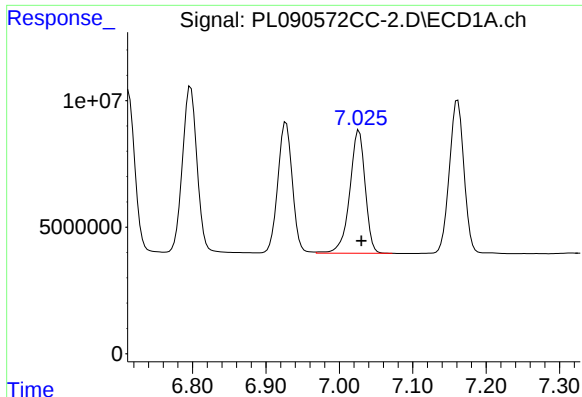
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: -0.003 min  
Response: 85690102  
Conc: 50.76 ng/ml



#16 4,4'-DDD

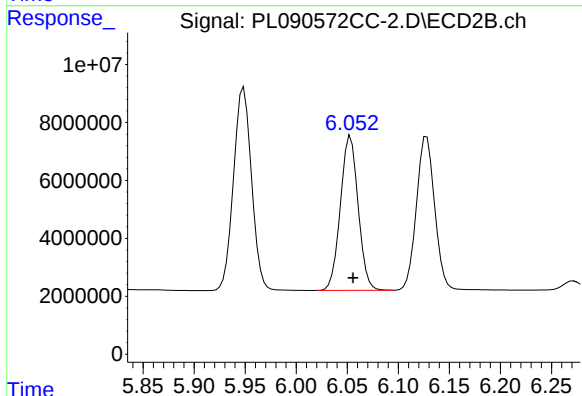
R.T.: 5.802 min  
Delta R.T.: -0.003 min  
Response: 82461969  
Conc: 55.04 ng/ml



#17 4,4'-DDT

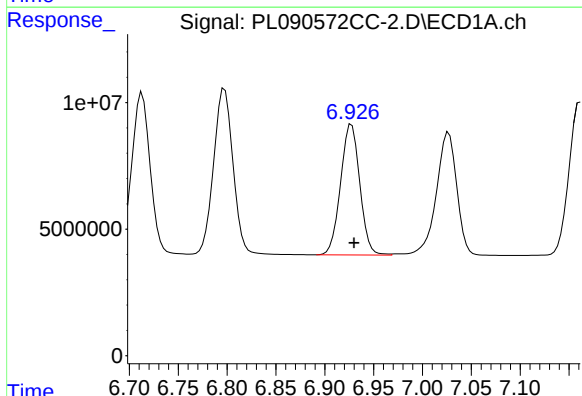
R.T.: 7.027 min  
Delta R.T.: -0.003 min  
Response: 70848947  
Conc: 42.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



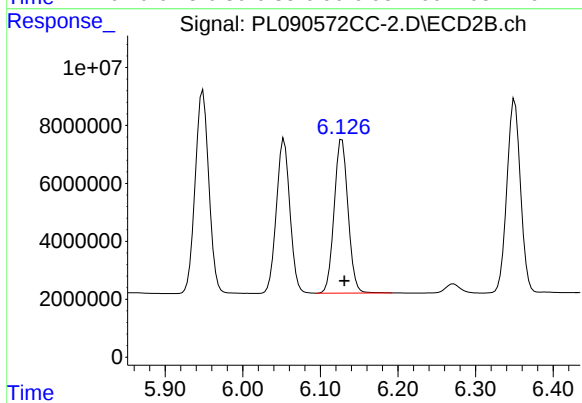
#17 4,4'-DDT

R.T.: 6.053 min  
Delta R.T.: -0.002 min  
Response: 64560662  
Conc: 44.06 ng/ml



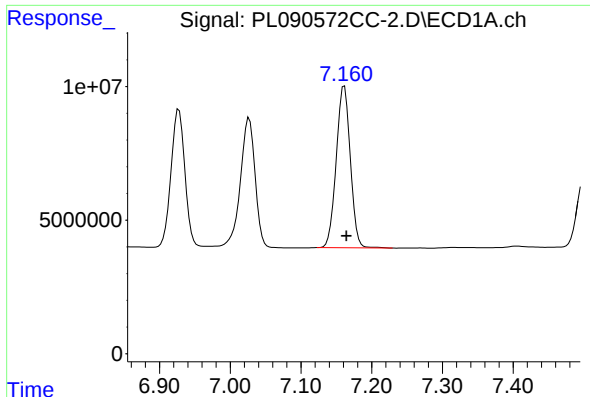
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: -0.003 min  
Response: 70730340  
Conc: 47.67 ng/ml



#18 Endrin aldehyde

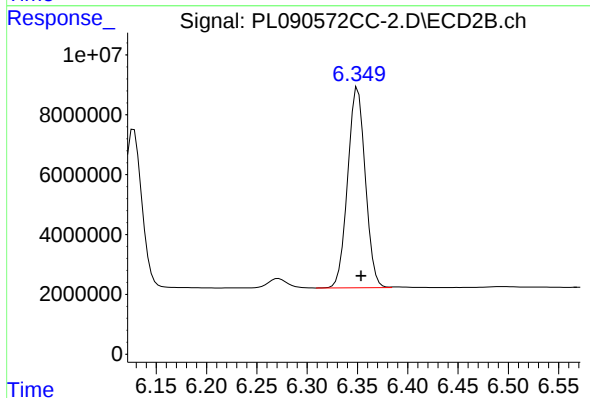
R.T.: 6.128 min  
Delta R.T.: -0.003 min  
Response: 65945723  
Conc: 50.47 ng/ml



#19 Endosulfan Sulfate

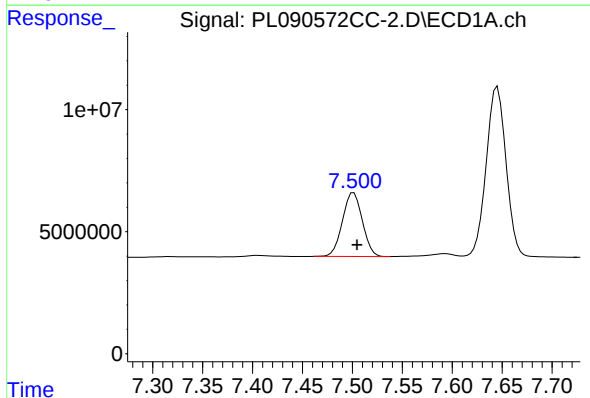
R.T.: 7.161 min  
Delta R.T.: -0.003 min  
Response: 83854828  
Conc: 47.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



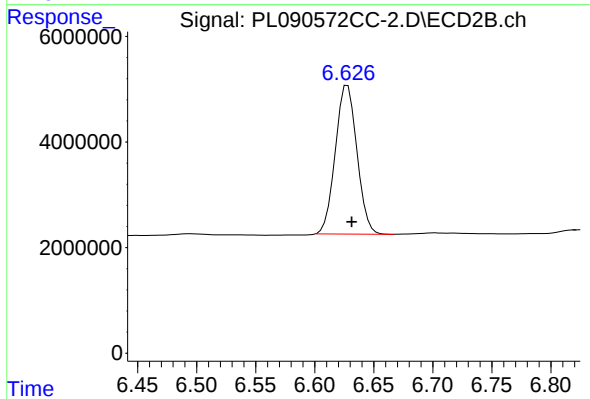
#19 Endosulfan Sulfate

R.T.: 6.350 min  
Delta R.T.: -0.003 min  
Response: 81382065  
Conc: 50.47 ng/ml



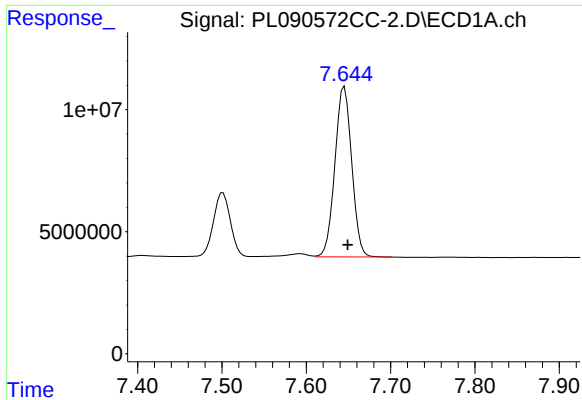
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: -0.003 min  
Response: 36269079  
Conc: 41.08 ng/ml



#20 Methoxychlor

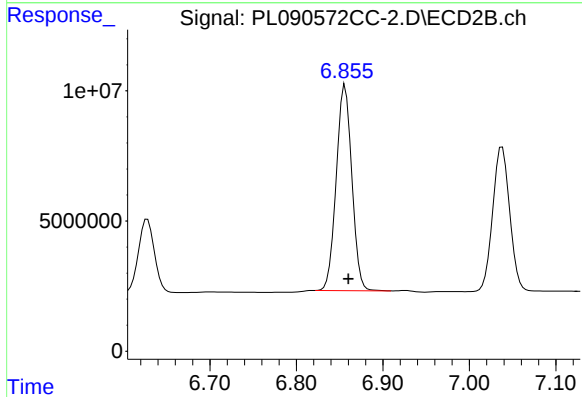
R.T.: 6.628 min  
Delta R.T.: -0.003 min  
Response: 35857622  
Conc: 44.35 ng/ml



#21 Endrin ketone

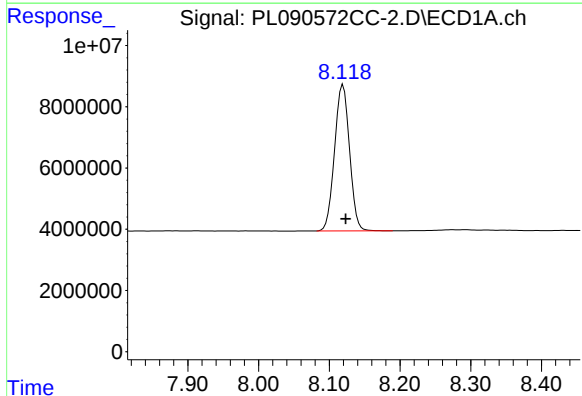
R.T.: 7.645 min  
Delta R.T.: -0.004 min  
Response: 96622683  
Conc: 50.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



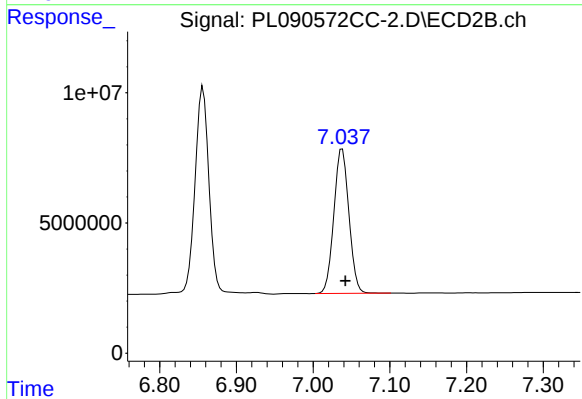
#21 Endrin ketone

R.T.: 6.856 min  
Delta R.T.: -0.004 min  
Response: 98403722  
Conc: 53.85 ng/ml



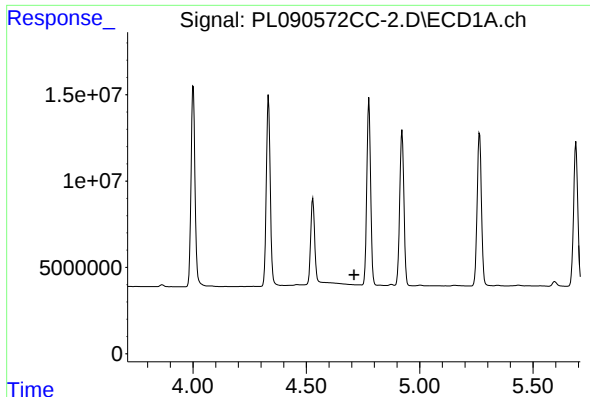
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: -0.004 min  
Response: 70169693  
Conc: 49.55 ng/ml



#22 Mirex

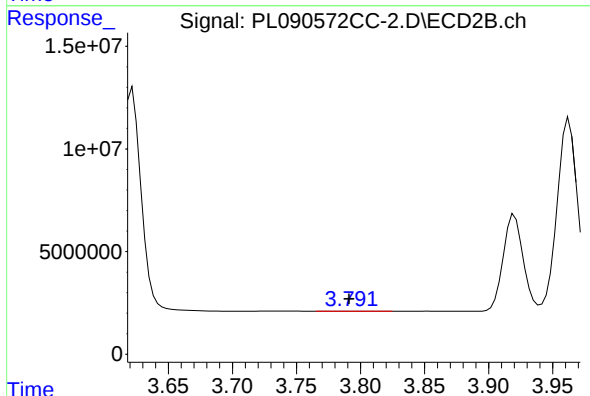
R.T.: 7.038 min  
Delta R.T.: -0.004 min  
Response: 75643319  
Conc: 50.88 ng/ml



#23 Chlordane-1

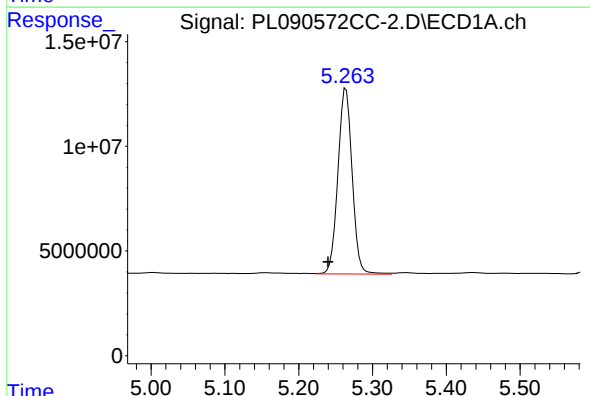
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



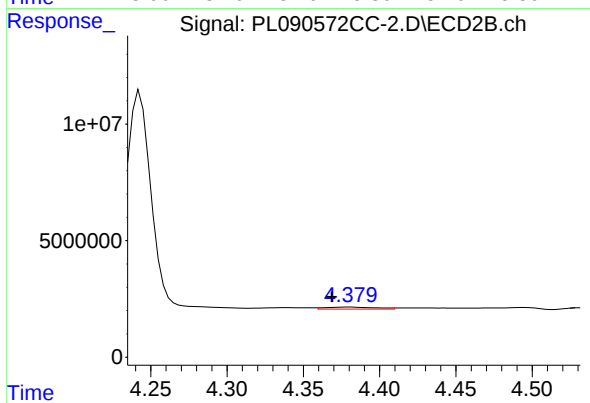
#23 Chlordane-1

R.T.: 3.785 min  
Delta R.T.: -0.006 min  
Response: 66139  
Conc: 1.07 ng/ml



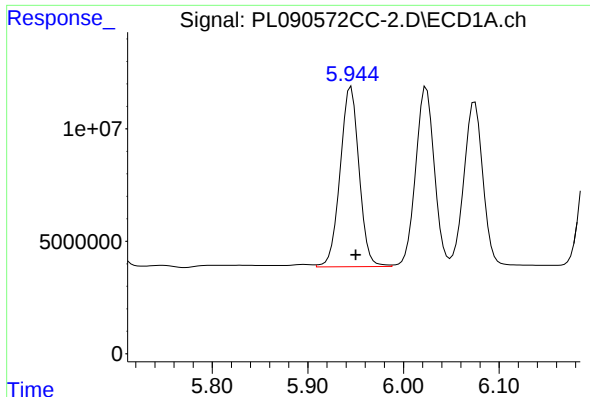
#24 Chlordane-2

R.T.: 5.264 min  
Delta R.T.: 0.024 min  
Response: 119066021  
Conc: 1163.29 ng/ml



#24 Chlordane-2

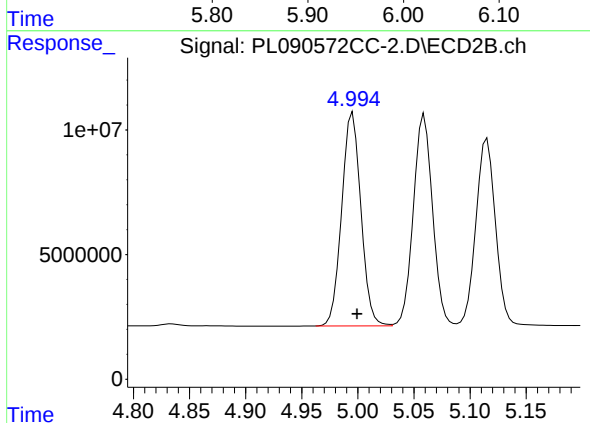
R.T.: 4.381 min  
Delta R.T.: 0.012 min  
Response: 1945617  
Conc: 25.65 ng/ml



#25 Chlordane-3

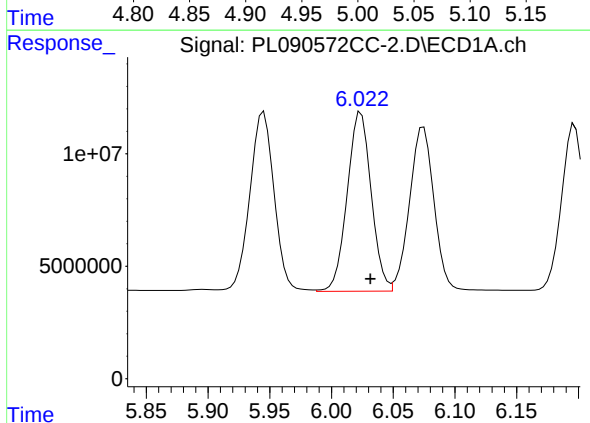
R.T.: 5.945 min  
Delta R.T.: -0.005 min  
Response: 110181276  
Conc: 332.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



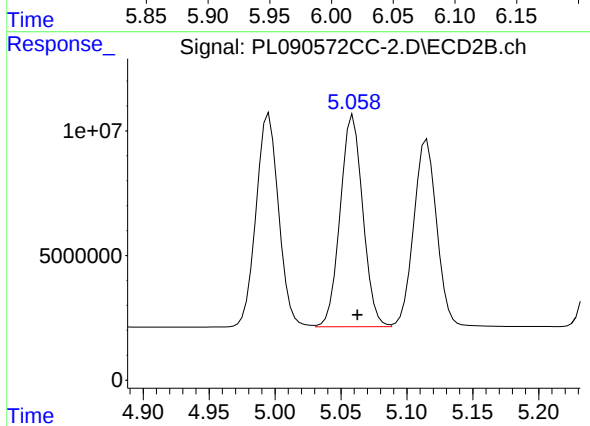
#25 Chlordane-3

R.T.: 4.995 min  
Delta R.T.: -0.004 min  
Response: 101915648  
Conc: 493.11 ng/ml



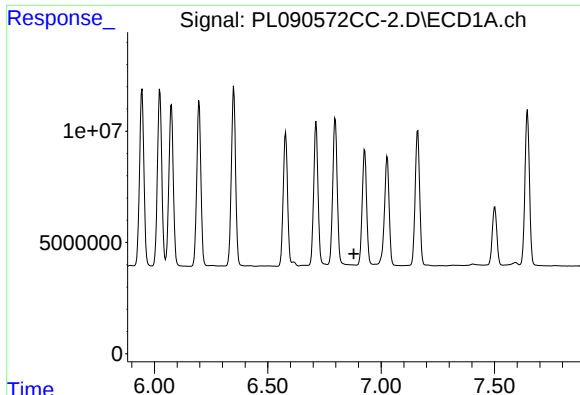
#26 Chlordane-4

R.T.: 6.024 min  
Delta R.T.: -0.008 min  
Response: 107871994  
Conc: 270.83 ng/ml



#26 Chlordane-4

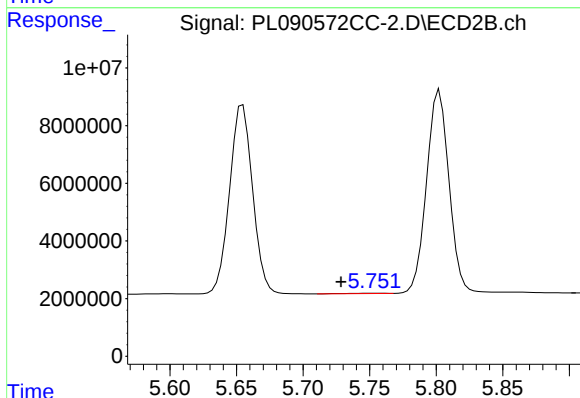
R.T.: 5.059 min  
Delta R.T.: -0.003 min  
Response: 101179880  
Conc: 517.02 ng/ml



#27 Chlordane-5

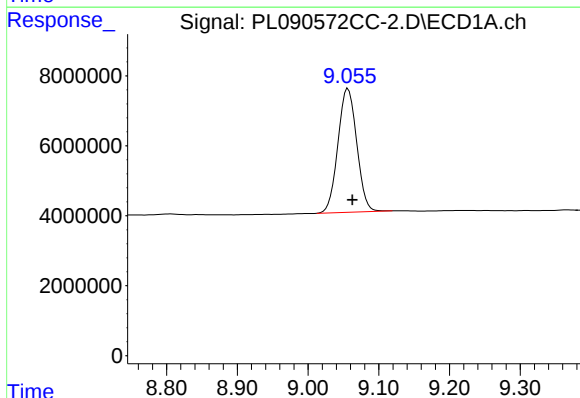
R.T.: 0.000 min  
Exp R.T.: 6.880 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



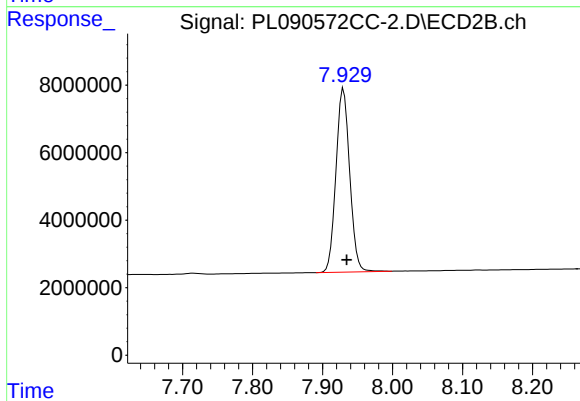
#27 Chlordane-5

R.T.: 5.753 min  
Delta R.T.: 0.025 min  
Response: 219116  
Conc: 3.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: -0.006 min  
Response: 65591180  
Conc: 49.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.930 min  
Delta R.T.: -0.005 min  
Response: 74264803  
Conc: 50.93 ng/ml