

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081524\  
 Data File : PL091107.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2024 11:10  
 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: Aug 15 13:38:45 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 13:09:19 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 | 2.786  | 94392234 | 89471091 | 43.961  | 45.836    |
| 28)                         | SA Decachlor... | 9.061 | 7.929  | 70001470 | 86377202 | 45.916  | 45.603    |
| Target Compounds            |                 |       |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.002 | 3.290  | 134.5E6  | 132.2E6  | 44.856  | 47.666    |
| 3)                          | MA gamma-BHC... | 4.334 | 3.620  | 129.2E6  | 125.1E6  | 45.035  | 47.493    |
| 4)                          | MA Heptachlor   | 4.923 | 3.960  | 119.9E6  | 122.9E6  | 45.013  | 47.599    |
| 5)                          | MB Aldrin       | 5.265 | 4.241  | 114.5E6  | 118.0E6  | 44.347  | 47.969    |
| 6)                          | B beta-BHC      | 4.530 | 3.919  | 60537423 | 55043206 | 44.764  | 46.763    |
| 7)                          | B delta-BHC     | 4.777 | 4.149  | 124.0E6  | 122.1E6  | 45.529  | 48.187    |
| 8)                          | B Heptachlo...  | 5.690 | 4.743  | 110.6E6  | 106.6E6  | 45.210  | 47.292    |
| 9)                          | A Endosulfan I  | 6.076 | 5.113  | 101.2E6  | 98682854 | 45.068  | 46.765    |
| 10)                         | B gamma-Chl...  | 5.946 | 4.994  | 113.7E6  | 111.8E6  | 47.053  | 47.299    |
| 11)                         | B alpha-Chl...  | 6.025 | 5.057  | 109.0E6  | 111.2E6  | 45.290  | 47.247    |
| 12)                         | B 4,4'-DDE      | 6.198 | 5.246  | 93783843 | 102.2E6  | 44.828  | 48.922    |
| 13)                         | MA Dieldrin     | 6.351 | 5.378  | 106.6E6  | 109.3E6  | 45.254  | 47.969    |
| 14)                         | MA Endrin       | 6.580 | 5.653  | 87016767 | 96656780 | 44.872  | 47.447    |
| 15)                         | B Endosulfa...  | 6.799 | 5.947  | 94561705 | 94662364 | 46.728  | 48.929    |
| 16)                         | A 4,4'-DDD      | 6.714 | 5.801  | 76944450 | 81927049 | 50.910  | 49.629    |
| 17)                         | MA 4,4'-DDT     | 7.028 | 6.051  | 80947136 | 84976687 | 45.602  | 47.836    |
| 18)                         | B Endrin al...  | 6.929 | 6.127  | 71270903 | 73237379 | 44.645  | 47.017    |
| 19)                         | B Endosulfa...  | 7.163 | 6.349  | 85617385 | 91311653 | 44.624  | 47.361    |
| 20)                         | A Methoxychlor  | 7.504 | 6.626  | 43112985 | 46486806 | 45.852  | 46.815    |
| 21)                         | B Endrin ke...  | 7.649 | 6.855  | 94688059 | 103.3E6  | 45.096  | 47.429    |
| 22)                         | Mirex           | 8.122 | 7.037  | 74548394 | 84612654 | 43.822  | 45.334    |
| 24)                         | Chlordane-2     | 0.000 | 4.338f | 0        | 8106018  | N.D.    | 86.275 #  |
| 25)                         | Chlordane-3     | 5.946 | 4.994  | 113.7E6  | 111.8E6  | 327.362 | 460.441 # |
| 26)                         | Chlordane-4     | 6.025 | 5.057  | 109.0E6  | 111.2E6  | 259.253 | 476.700 # |
| 27)                         | Chlordane-5     | 0.000 | 5.747f | 0        | 72137    | N.D.    | 1.042 #   |
| -----                       |                 |       |        |          |          |         |           |

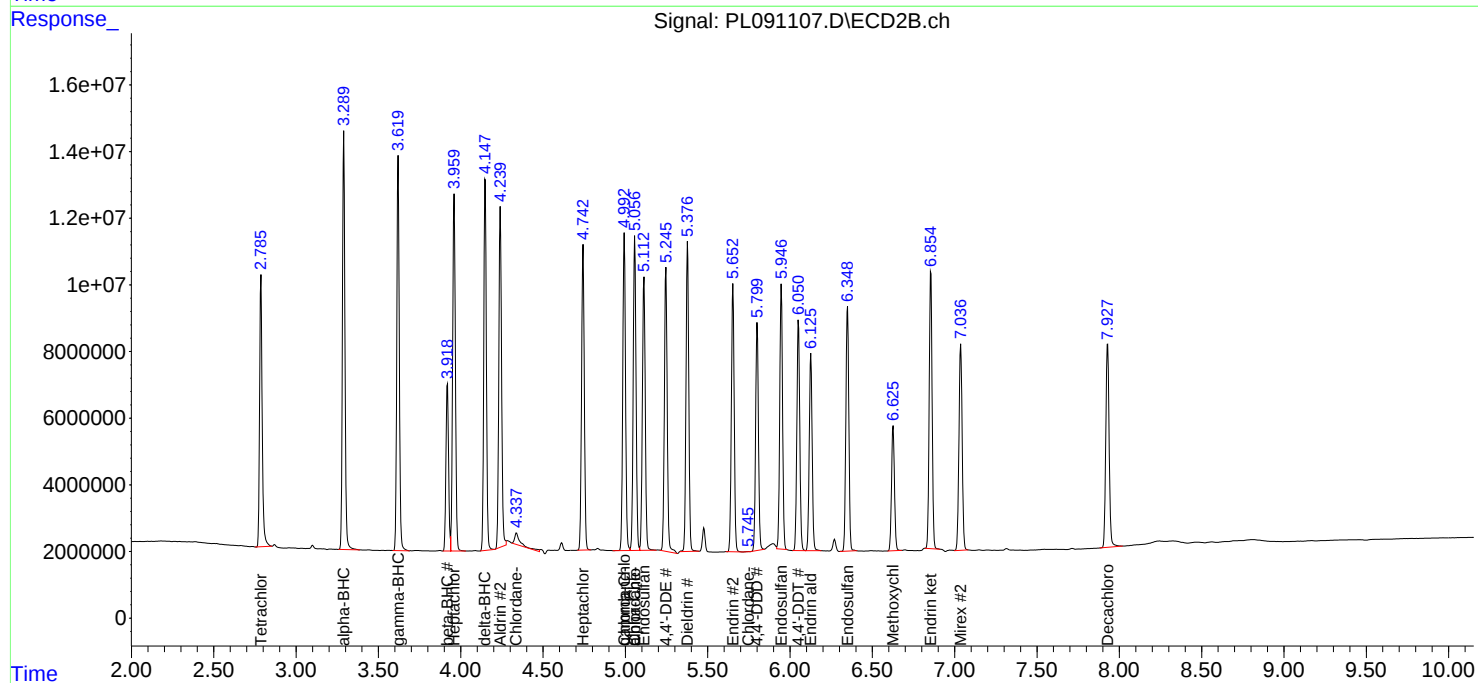
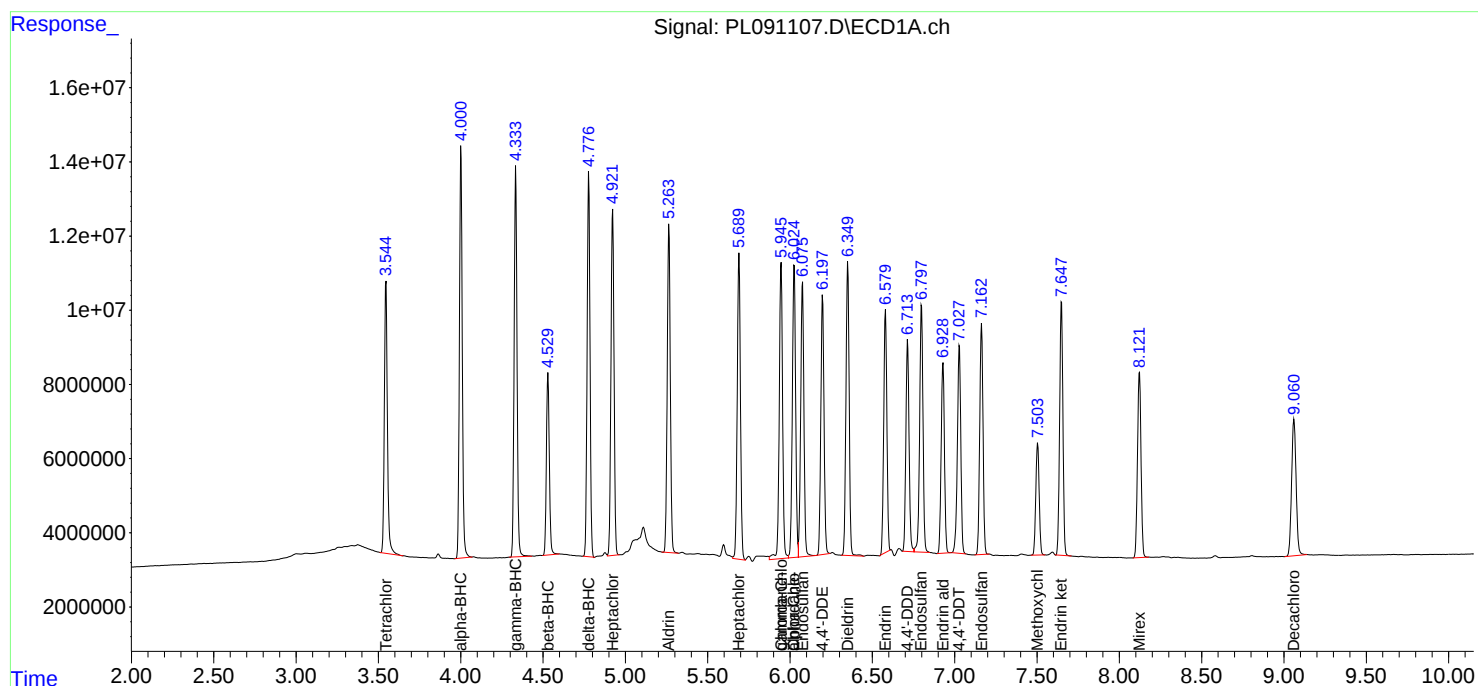
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

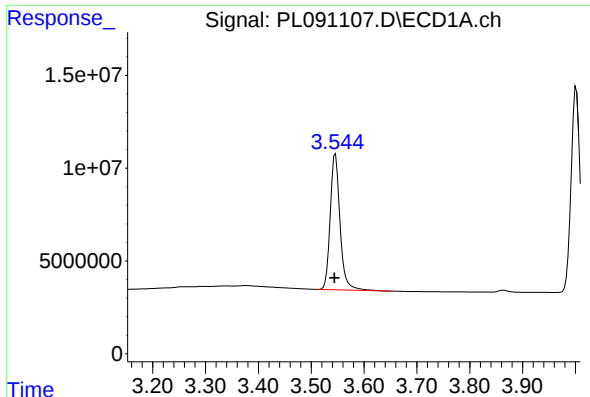
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081524\  
Data File : PL091107.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2024 11:10  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 15 13:38:45 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 13:09:19 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

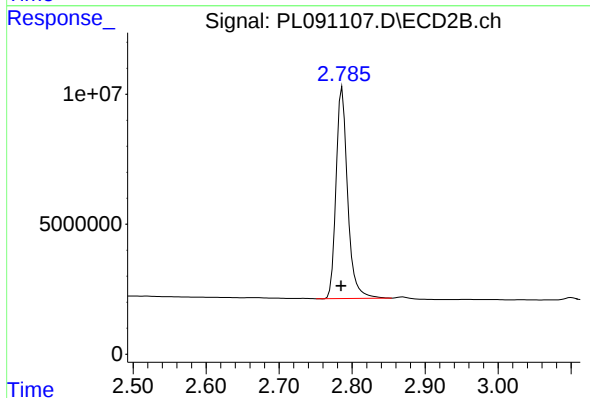




#1 Tetrachloro-m-xylene

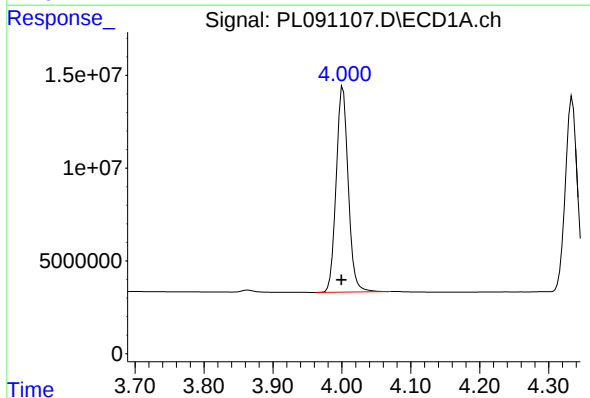
R.T.: 3.546 min  
Delta R.T.: 0.002 min  
Response: 94392234  
Conc: 43.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



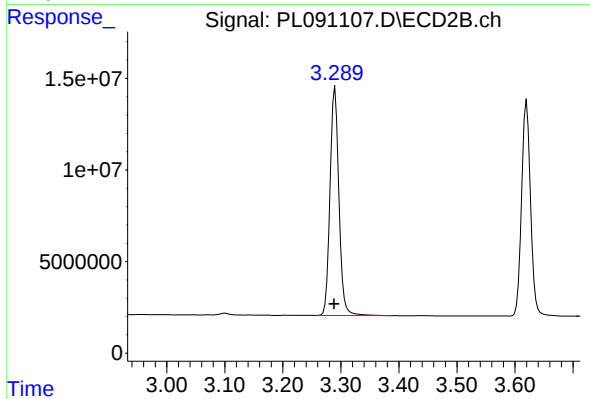
#1 Tetrachloro-m-xylene

R.T.: 2.786 min  
Delta R.T.: 0.002 min  
Response: 89471091  
Conc: 45.84 ng/ml



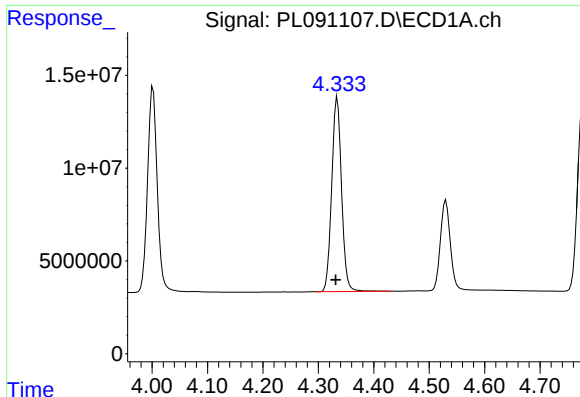
#2 alpha-BHC

R.T.: 4.002 min  
Delta R.T.: 0.002 min  
Response: 134470231  
Conc: 44.86 ng/ml



#2 alpha-BHC

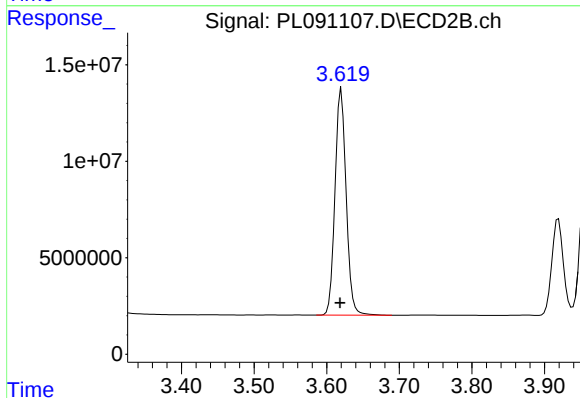
R.T.: 3.290 min  
Delta R.T.: 0.001 min  
Response: 132198501  
Conc: 47.67 ng/ml



#3 gamma-BHC (Lindane)

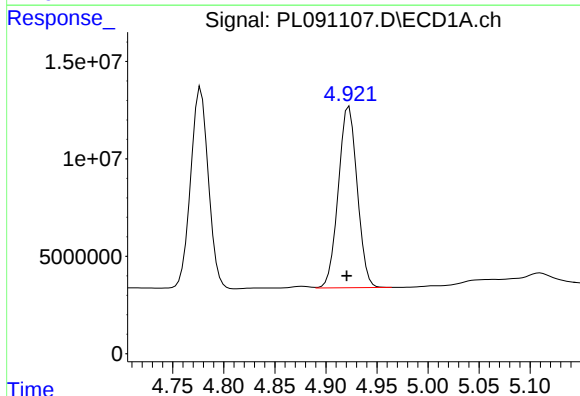
R.T.: 4.334 min  
Delta R.T.: 0.003 min  
Response: 129190368  
Conc: 45.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



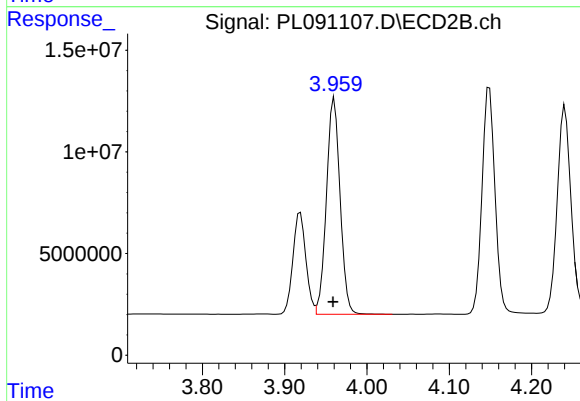
#3 gamma-BHC (Lindane)

R.T.: 3.620 min  
Delta R.T.: 0.002 min  
Response: 125093437  
Conc: 47.49 ng/ml



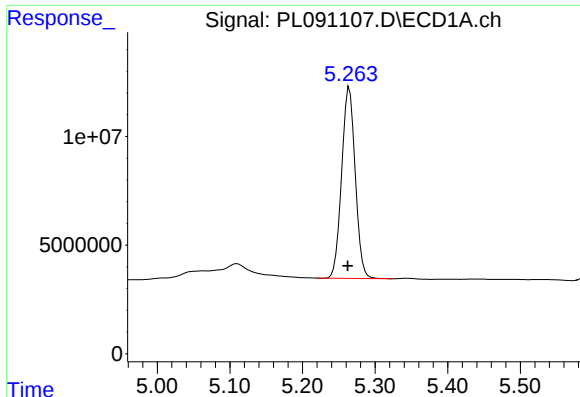
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: 0.002 min  
Response: 119869540  
Conc: 45.01 ng/ml



#4 Heptachlor

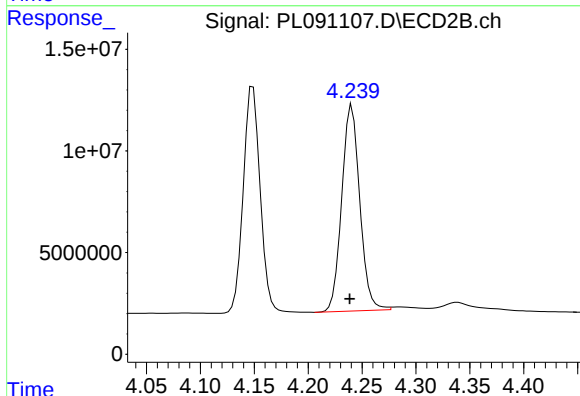
R.T.: 3.960 min  
Delta R.T.: 0.002 min  
Response: 122934171  
Conc: 47.60 ng/ml



#5 Aldrin

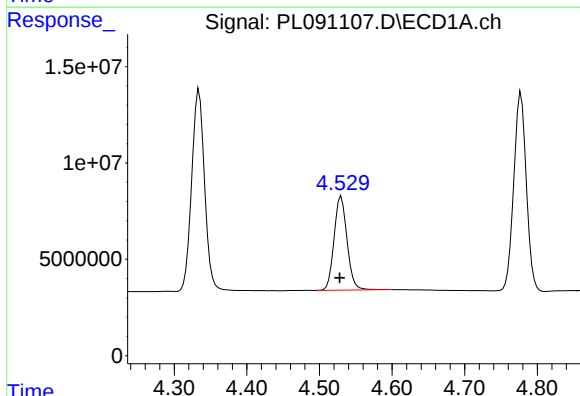
R.T.: 5.265 min  
Delta R.T.: 0.002 min  
Response: 114453775  
Conc: 44.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



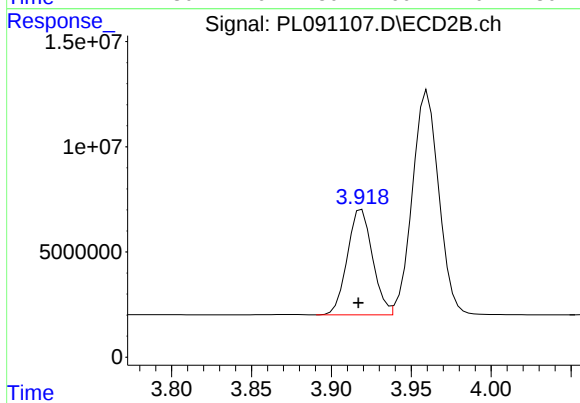
#5 Aldrin

R.T.: 4.241 min  
Delta R.T.: 0.002 min  
Response: 117963769  
Conc: 47.97 ng/ml



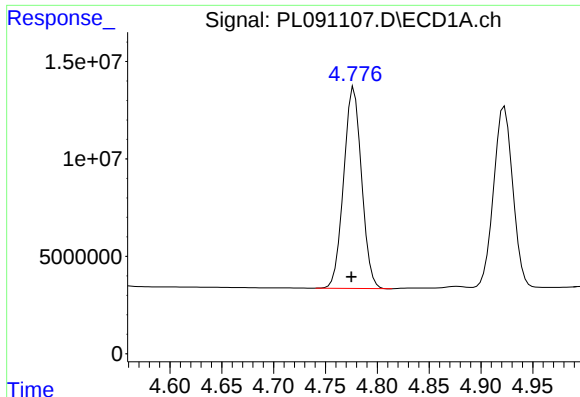
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.002 min  
Response: 60537423  
Conc: 44.76 ng/ml



#6 beta-BHC

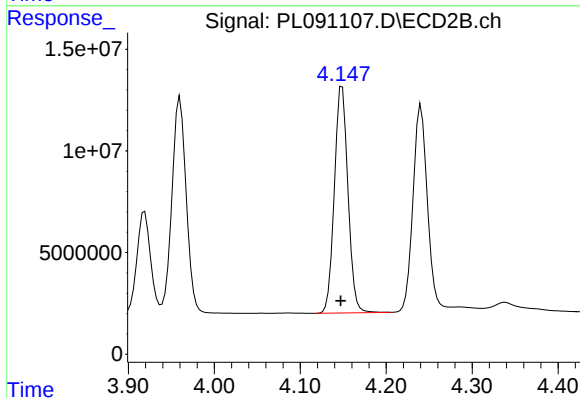
R.T.: 3.919 min  
Delta R.T.: 0.002 min  
Response: 55043206  
Conc: 46.76 ng/ml



#7 delta-BHC

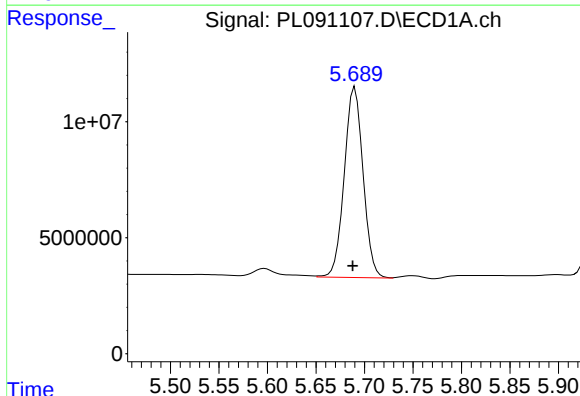
R.T.: 4.777 min  
Delta R.T.: 0.003 min  
Response: 123952989  
Conc: 45.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



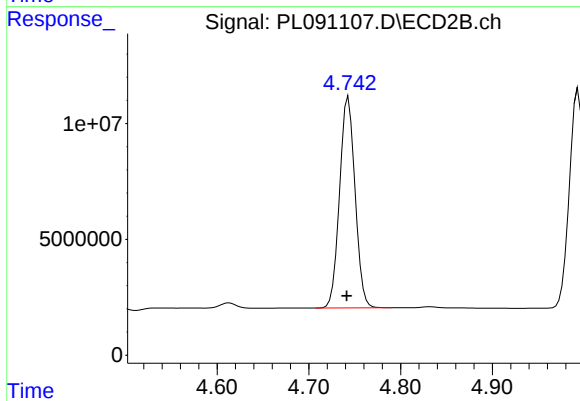
#7 delta-BHC

R.T.: 4.149 min  
Delta R.T.: 0.002 min  
Response: 122117119  
Conc: 48.19 ng/ml



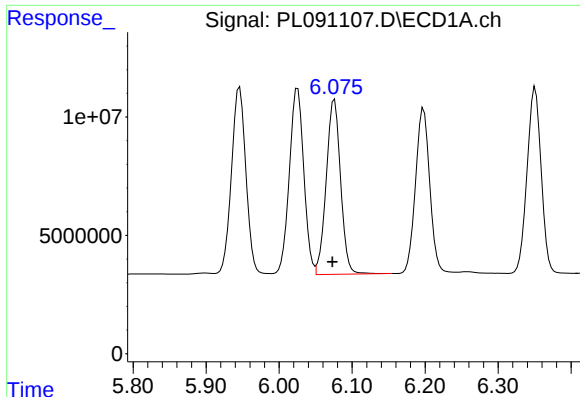
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: 0.002 min  
Response: 110608382  
Conc: 45.21 ng/ml



#8 Heptachlor epoxide

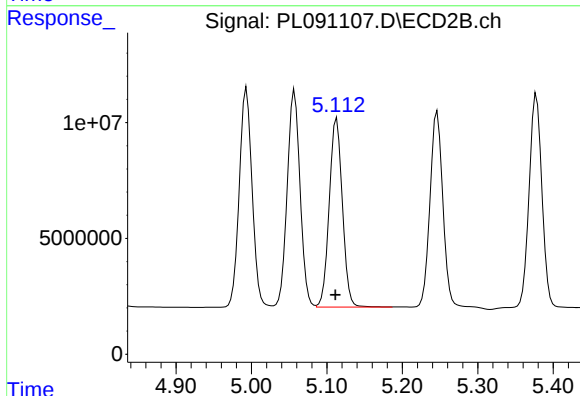
R.T.: 4.743 min  
Delta R.T.: 0.002 min  
Response: 106636799  
Conc: 47.29 ng/ml



#9 Endosulfan I

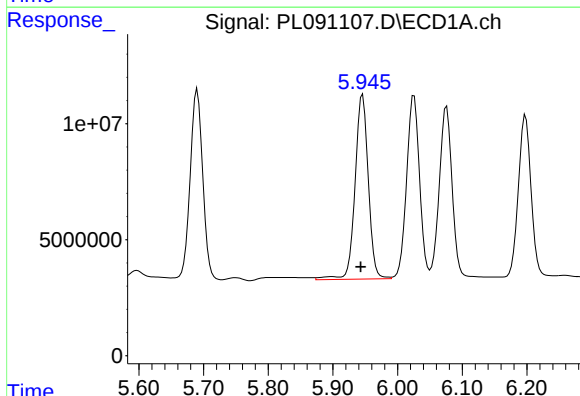
R.T.: 6.076 min  
Delta R.T.: 0.003 min  
Response: 101193688  
Conc: 45.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



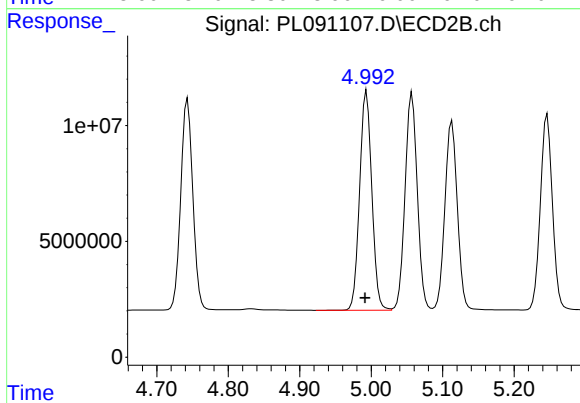
#9 Endosulfan I

R.T.: 5.113 min  
Delta R.T.: 0.002 min  
Response: 98682854  
Conc: 46.77 ng/ml



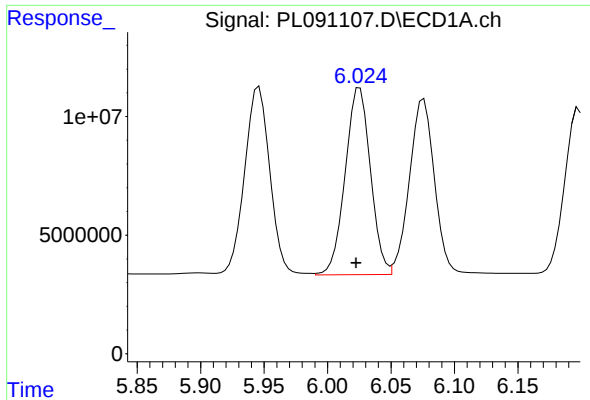
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: 0.003 min  
Response: 113700923  
Conc: 47.05 ng/ml



#10 gamma-Chlordane

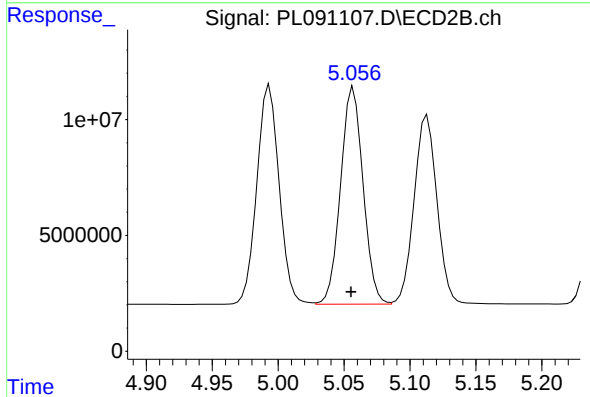
R.T.: 4.994 min  
Delta R.T.: 0.002 min  
Response: 111811399  
Conc: 47.30 ng/ml



#11 alpha-Chlordane

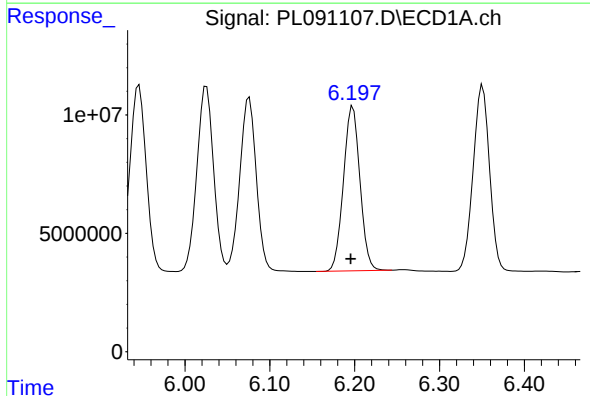
R.T.: 6.025 min  
Delta R.T.: 0.003 min  
Response: 109044822  
Conc: 45.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



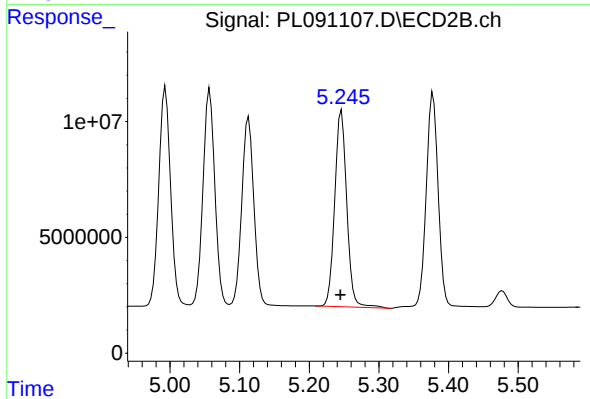
#11 alpha-Chlordane

R.T.: 5.057 min  
Delta R.T.: 0.002 min  
Response: 111151424  
Conc: 47.25 ng/ml



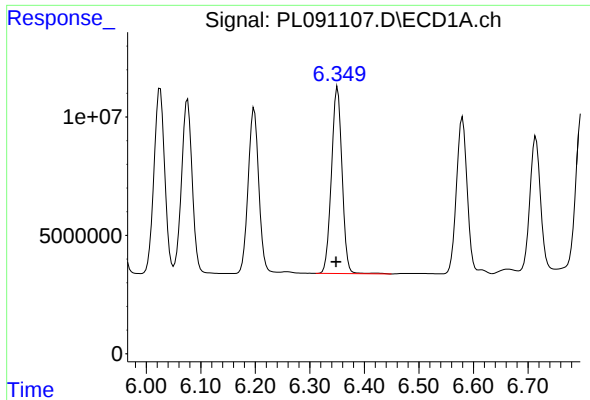
#12 4,4'-DDE

R.T.: 6.198 min  
Delta R.T.: 0.003 min  
Response: 93783843  
Conc: 44.83 ng/ml



#12 4,4'-DDE

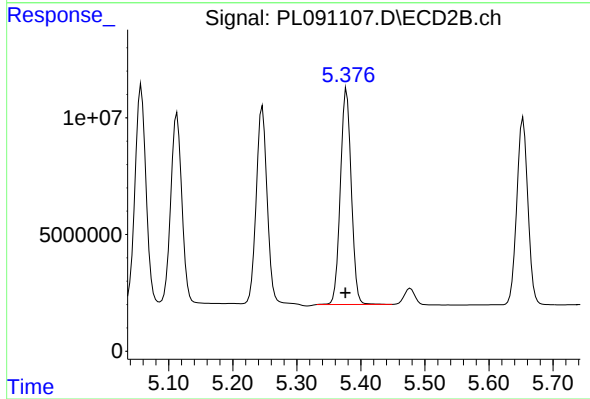
R.T.: 5.246 min  
Delta R.T.: 0.002 min  
Response: 102217463  
Conc: 48.92 ng/ml



#13 Dieldrin

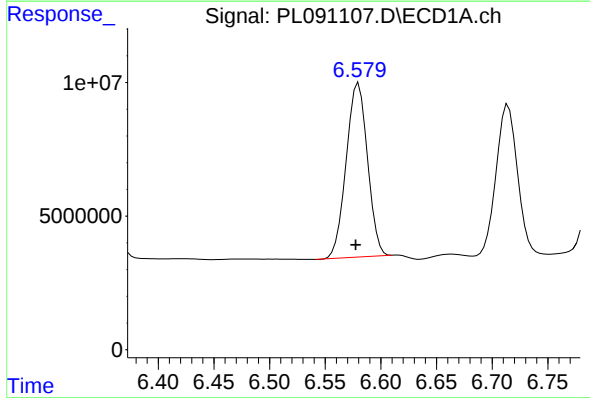
R.T.: 6.351 min  
Delta R.T.: 0.003 min  
Response: 106584336  
Conc: 45.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



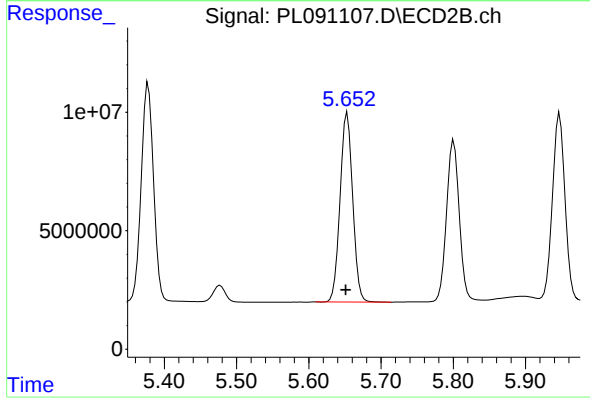
#13 Dieldrin

R.T.: 5.378 min  
Delta R.T.: 0.002 min  
Response: 109251846  
Conc: 47.97 ng/ml



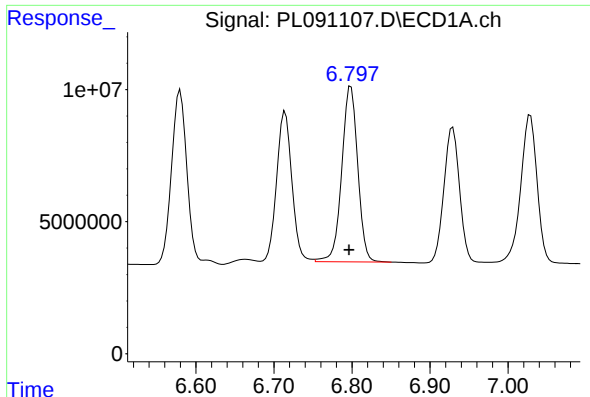
#14 Endrin

R.T.: 6.580 min  
Delta R.T.: 0.003 min  
Response: 87016767  
Conc: 44.87 ng/ml



#14 Endrin

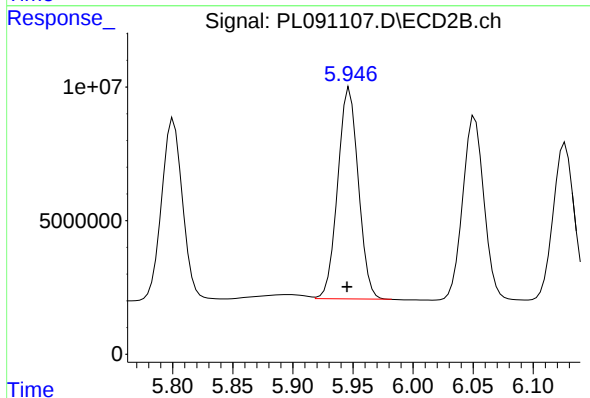
R.T.: 5.653 min  
Delta R.T.: 0.002 min  
Response: 96656780  
Conc: 47.45 ng/ml



#15 Endosulfan II

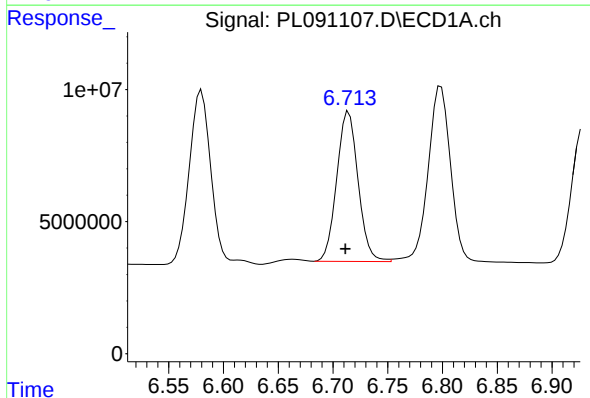
R.T.: 6.799 min  
Delta R.T.: 0.003 min  
Response: 94561705  
Conc: 46.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



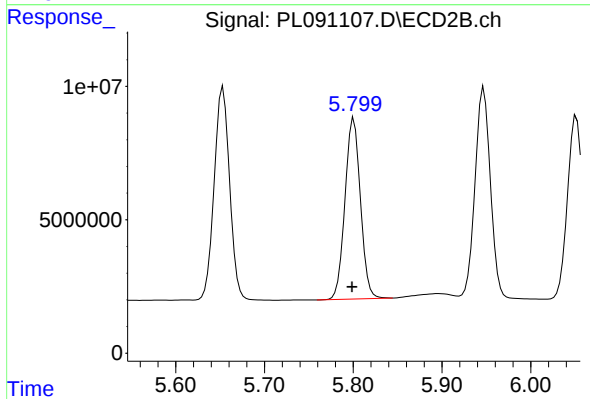
#15 Endosulfan II

R.T.: 5.947 min  
Delta R.T.: 0.002 min  
Response: 94662364  
Conc: 48.93 ng/ml



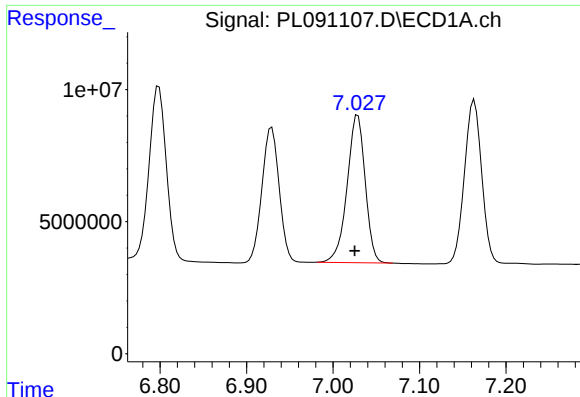
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: 0.003 min  
Response: 76944450  
Conc: 50.91 ng/ml



#16 4,4'-DDD

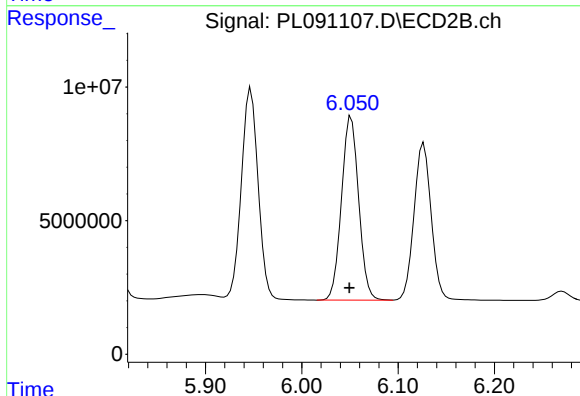
R.T.: 5.801 min  
Delta R.T.: 0.002 min  
Response: 81927049  
Conc: 49.63 ng/ml



#17 4,4'-DDT

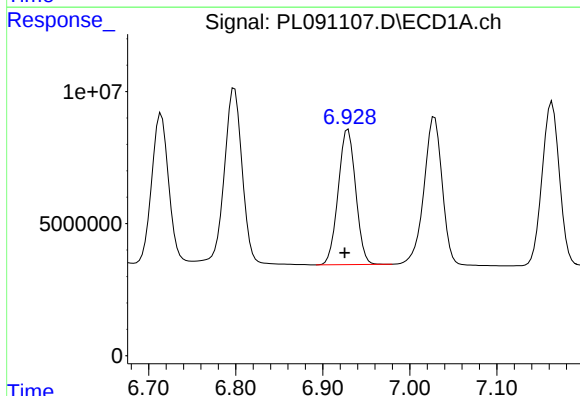
R.T.: 7.028 min  
Delta R.T.: 0.003 min  
Response: 80947136  
Conc: 45.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



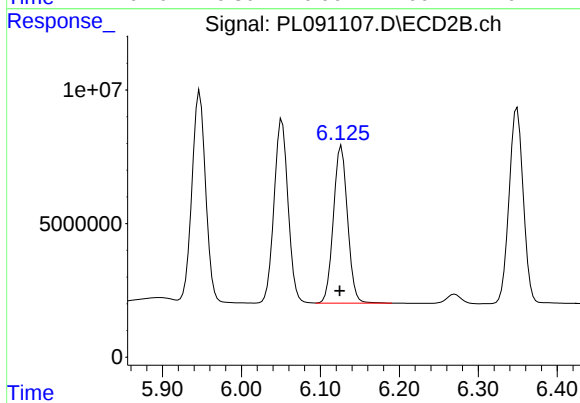
#17 4,4'-DDT

R.T.: 6.051 min  
Delta R.T.: 0.002 min  
Response: 84976687  
Conc: 47.84 ng/ml



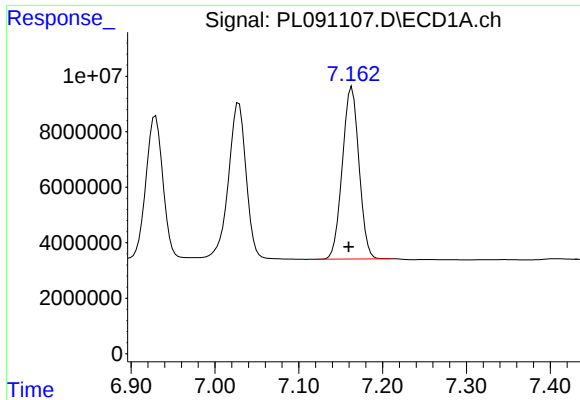
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: 0.004 min  
Response: 71270903  
Conc: 44.64 ng/ml



#18 Endrin aldehyde

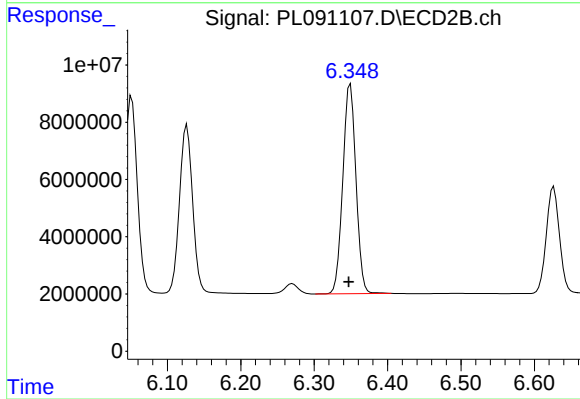
R.T.: 6.127 min  
Delta R.T.: 0.002 min  
Response: 73237379  
Conc: 47.02 ng/ml



#19 Endosulfan Sulfate

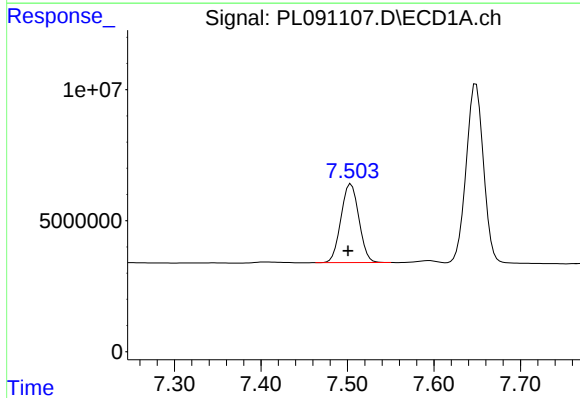
R.T.: 7.163 min  
Delta R.T.: 0.004 min  
Response: 85617385  
Conc: 44.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



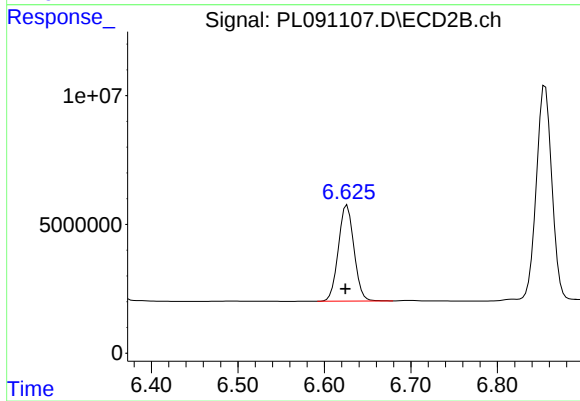
#19 Endosulfan Sulfate

R.T.: 6.349 min  
Delta R.T.: 0.002 min  
Response: 91311653  
Conc: 47.36 ng/ml



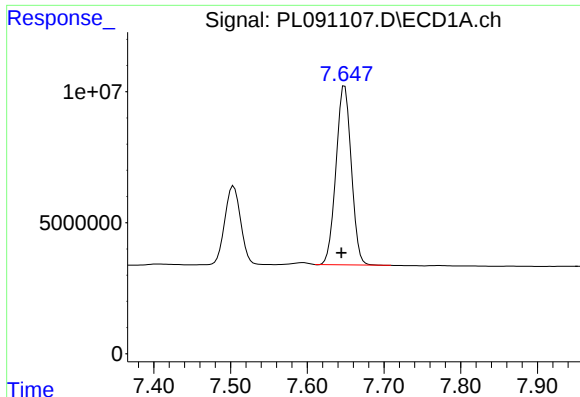
#20 Methoxychlor

R.T.: 7.504 min  
Delta R.T.: 0.003 min  
Response: 43112985  
Conc: 45.85 ng/ml



#20 Methoxychlor

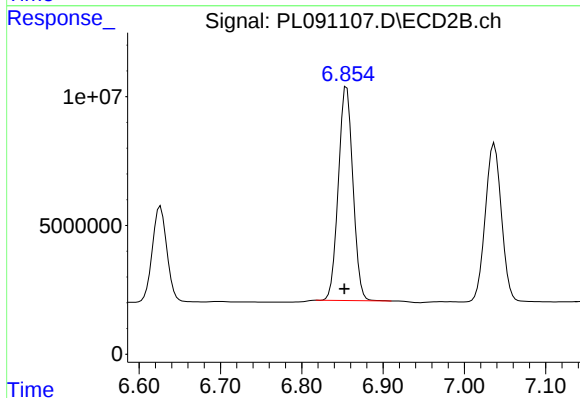
R.T.: 6.626 min  
Delta R.T.: 0.002 min  
Response: 46486806  
Conc: 46.82 ng/ml



#21 Endrin ketone

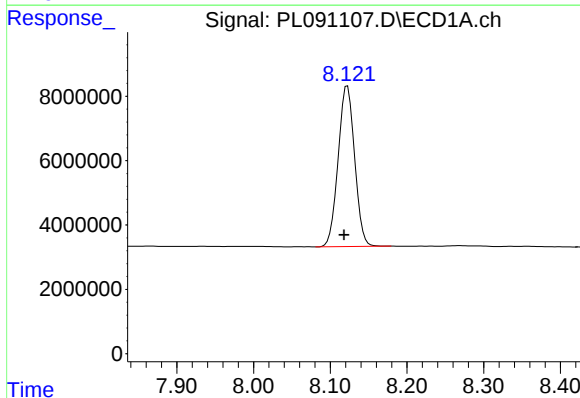
R.T.: 7.649 min  
Delta R.T.: 0.004 min  
Response: 94688059  
Conc: 45.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



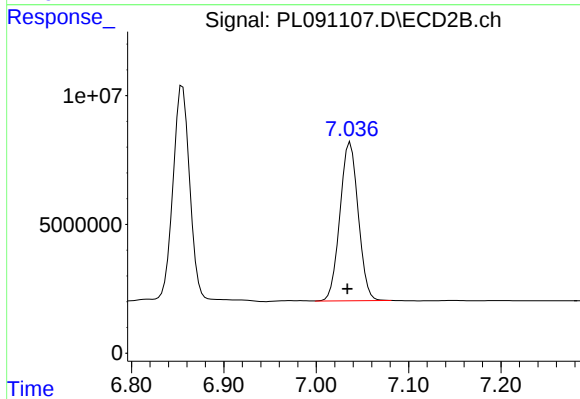
#21 Endrin ketone

R.T.: 6.855 min  
Delta R.T.: 0.003 min  
Response: 103299182  
Conc: 47.43 ng/ml



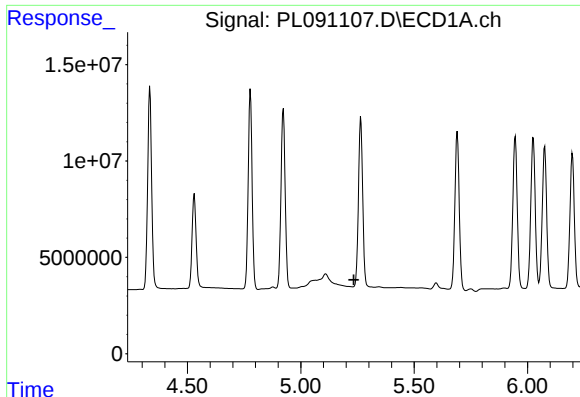
#22 Mirex

R.T.: 8.122 min  
Delta R.T.: 0.004 min  
Response: 74548394  
Conc: 43.82 ng/ml



#22 Mirex

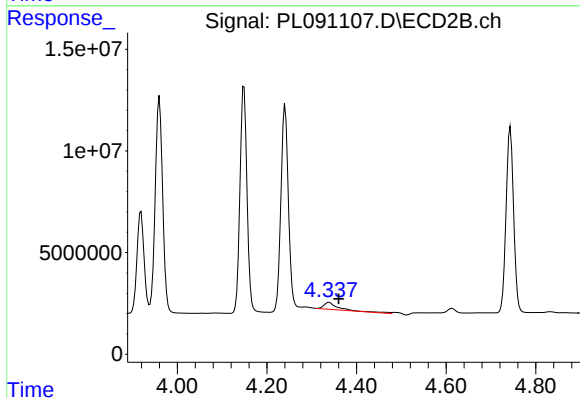
R.T.: 7.037 min  
Delta R.T.: 0.003 min  
Response: 84612654  
Conc: 45.33 ng/ml



#24 Chlordane-2

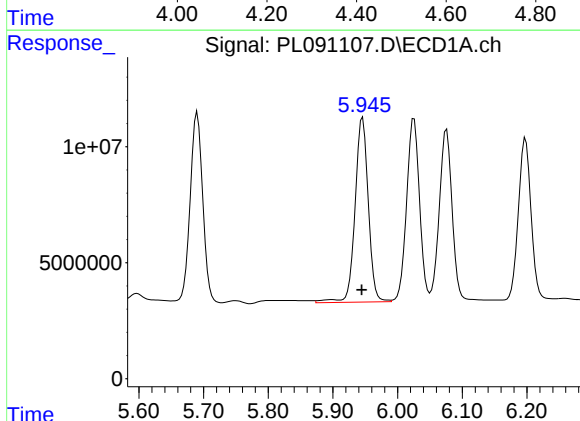
R.T.: 0.000 min  
Exp R.T.: 5.234 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



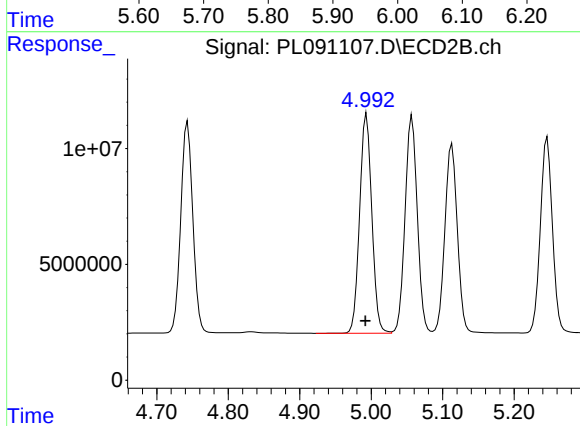
#24 Chlordane-2

R.T.: 4.338 min  
Delta R.T.: -0.022 min  
Response: 8106018  
Conc: 86.28 ng/ml



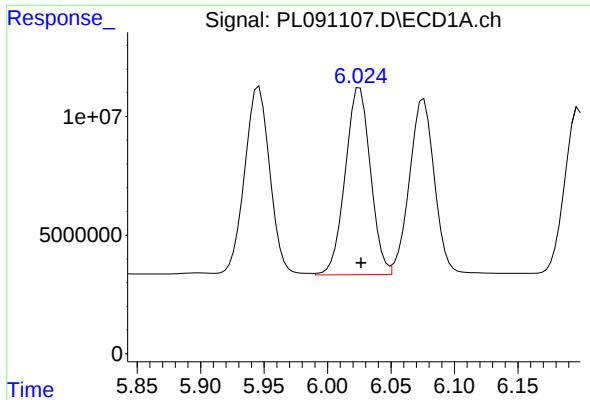
#25 Chlordane-3

R.T.: 5.946 min  
Delta R.T.: 0.002 min  
Response: 113700923  
Conc: 327.36 ng/ml



#25 Chlordane-3

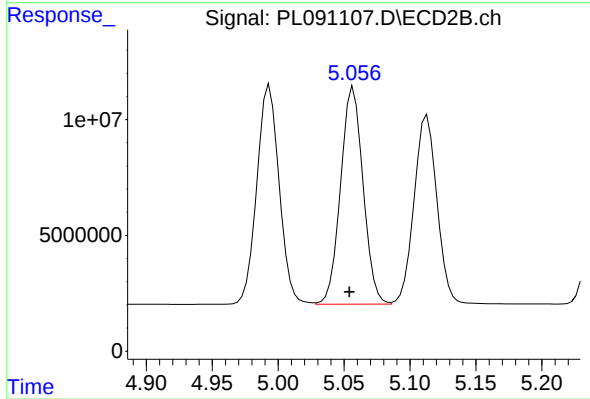
R.T.: 4.994 min  
Delta R.T.: 0.002 min  
Response: 111811399  
Conc: 460.44 ng/ml



#26 Chlordane-4

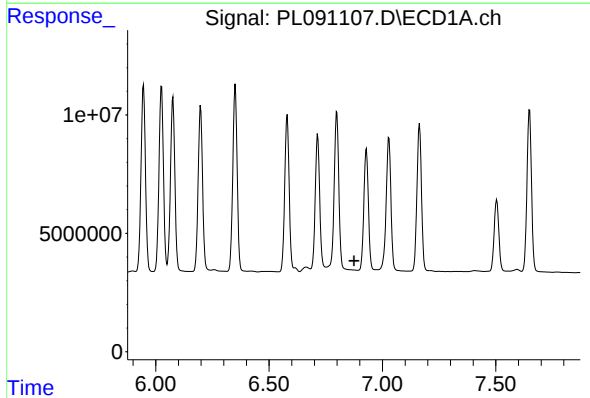
R.T.: 6.025 min  
Delta R.T.: -0.001 min  
Response: 109044822  
Conc: 259.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



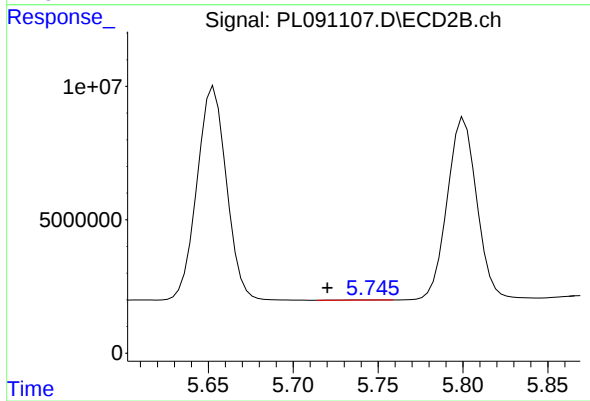
#26 Chlordane-4

R.T.: 5.057 min  
Delta R.T.: 0.003 min  
Response: 111151424  
Conc: 476.70 ng/ml



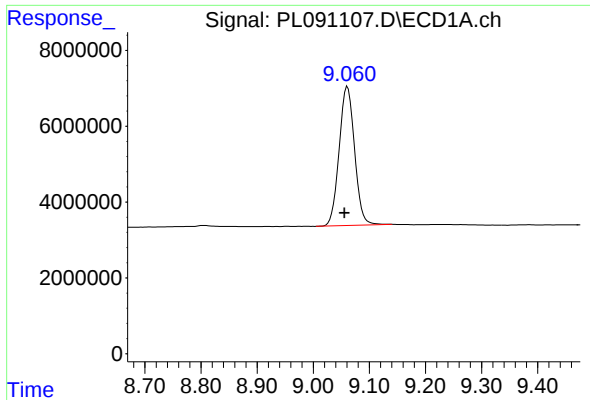
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.875 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

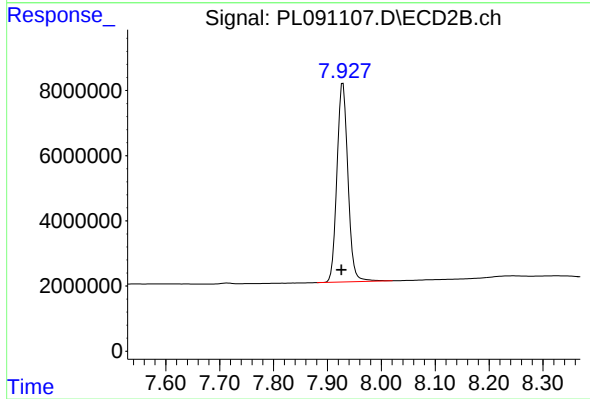
R.T.: 5.747 min  
Delta R.T.: 0.027 min  
Response: 72137  
Conc: 1.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: 0.006 min  
Response: 70001470  
Conc: 45.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.929 min  
Delta R.T.: 0.003 min  
Response: 86377202  
Conc: 45.60 ng/ml