

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090124\  
 Data File : PL091464.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Aug 2024 18:50  
 Operator : AR\AJ  
 Sample : PB163087BS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 31 03:41:29 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... | 3.544  | 2.784 | 41145544 | 42407595 | 19.163   | 21.725    |
| 28)                         | SA Decachlor... | 9.053  | 7.921 | 34494142 | 42602719 | 22.626   | 22.492    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.999  | 3.287 | 144.7E6  | 165.1E6  | 48.258   | 59.531    |
| 3)                          | MA gamma-BHC... | 4.331  | 3.617 | 138.5E6  | 154.5E6  | 48.294   | 58.669    |
| 4)                          | MA Heptachlor   | 4.920  | 3.956 | 129.6E6  | 150.4E6  | 48.684   | 58.230    |
| 5)                          | MB Aldrin       | 5.261  | 4.236 | 123.6E6  | 140.5E6  | 47.893   | 57.116    |
| 6)                          | B beta-BHC      | 4.527  | 3.915 | 64936216 | 66310542 | 48.017   | 56.335    |
| 7)                          | B delta-BHC     | 4.774  | 4.145 | 130.5E6  | 146.4E6  | 47.926   | 57.751    |
| 8)                          | B Heptachlo...  | 5.686  | 4.738 | 117.7E6  | 128.3E6  | 48.103   | 56.902    |
| 9)                          | A Endosulfan I  | 6.071  | 5.108 | 107.6E6  | 119.2E6  | 47.909   | 56.497    |
| 10)                         | B gamma-Chl...  | 5.942  | 4.988 | 115.9E6  | 132.7E6  | 47.968   | 56.129    |
| 11)                         | B alpha-Chl...  | 6.021  | 5.052 | 115.0E6  | 131.3E6  | 47.766   | 55.799    |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.241 | 102.6E6  | 120.4E6  | 49.022   | 57.610    |
| 13)                         | MA Dieldrin     | 6.346  | 5.372 | 113.8E6  | 128.8E6  | 48.301   | 56.533    |
| 14)                         | MA Endrin       | 6.575  | 5.647 | 95613505 | 116.3E6  | 49.305   | 57.083    |
| 15)                         | B Endosulfa...  | 6.794  | 5.941 | 99546905 | 111.3E6  | 49.191   | 57.521    |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.795 | 84431380 | 96288162 | 55.864   | 58.329    |
| 17)                         | MA 4,4'-DDT     | 7.024  | 6.045 | 91641256 | 101.7E6  | 51.627   | 57.248    |
| 18)                         | B Endrin al...  | 6.924  | 6.120 | 79218240 | 85973626 | 49.623   | 55.193    |
| 19)                         | B Endosulfa...  | 7.158  | 6.343 | 94159270 | 105.8E6  | 49.076   | 54.901    |
| 20)                         | A Methoxychlor  | 7.499  | 6.620 | 50013709 | 55723126 | 53.191   | 56.117    |
| 21)                         | B Endrin ke...  | 7.643  | 6.848 | 104.1E6  | 119.4E6  | 49.564   | 54.826    |
| 22)                         | Mirex           | 8.116  | 7.029 | 81761138 | 99247966 | 48.062   | 53.175    |
| 24)                         | Chlordane-2     | 5.261f | 4.373 | 123.6E6  | 350159   | 1217.329 | 3.727 #   |
| 25)                         | Chlordane-3     | 5.942  | 4.988 | 115.9E6  | 132.7E6  | 333.725  | 546.401 # |
| 26)                         | Chlordane-4     | 6.021  | 5.052 | 115.0E6  | 131.3E6  | 273.431  | 562.987 # |
| 27)                         | Chlordane-5     | 0.000  | 5.726 | 0        | 74891    | N.D.     | 1.082 #   |
| -----                       |                 |        |       |          |          |          |           |

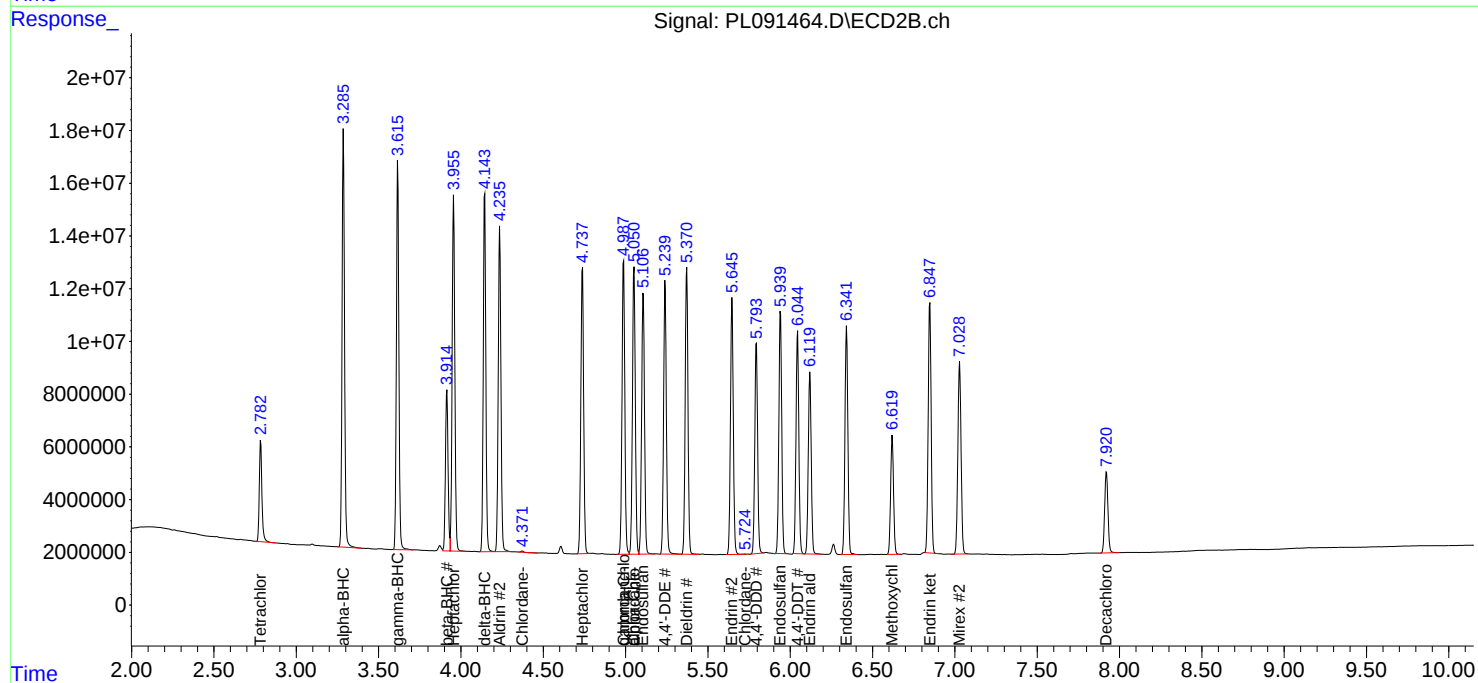
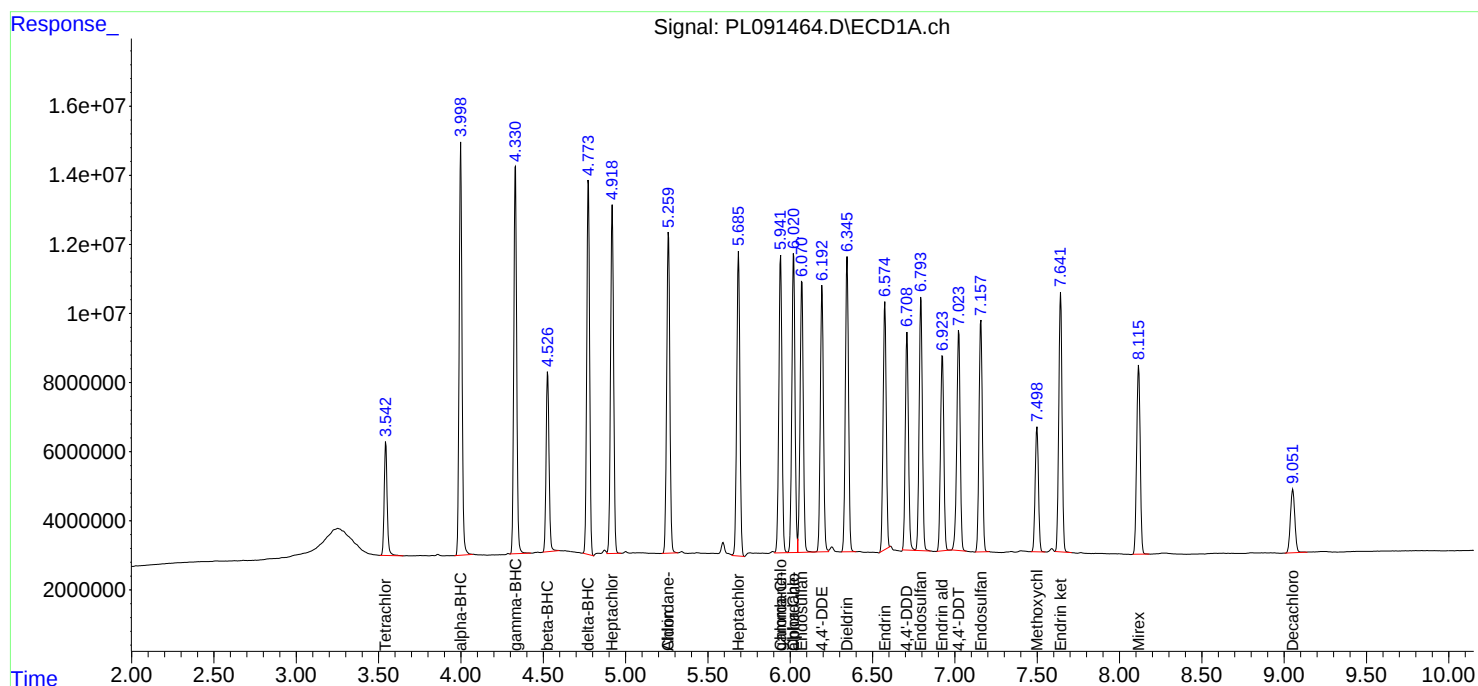
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

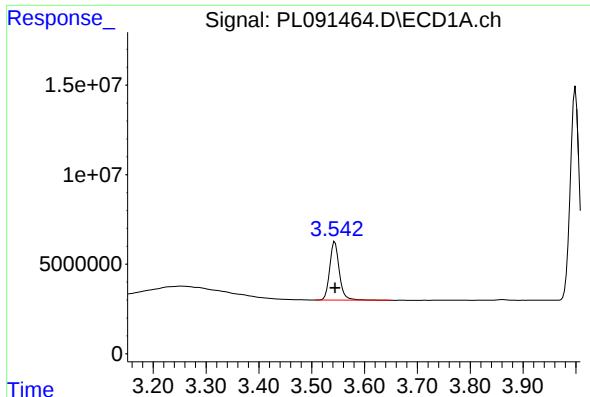
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090124\  
Data File : PL091464.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Aug 2024 18:50  
Operator : AR\AJ  
Sample : PB163087BS  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 31 03:41:29 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

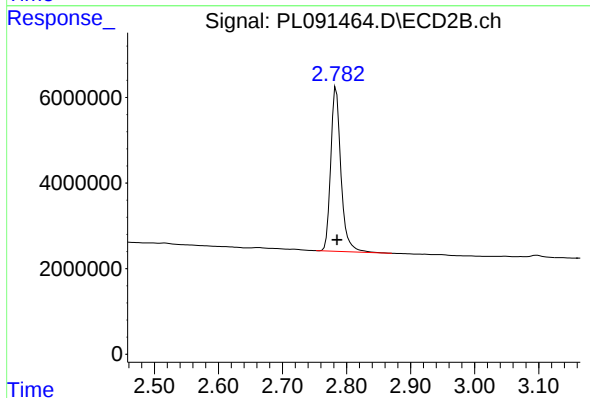




#1 Tetrachloro-m-xylene

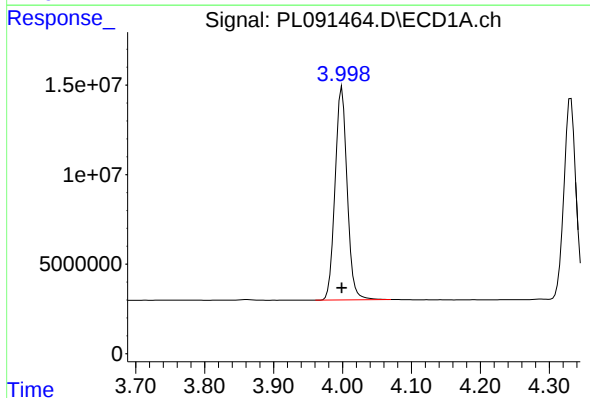
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 41145544  
Conc: 19.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



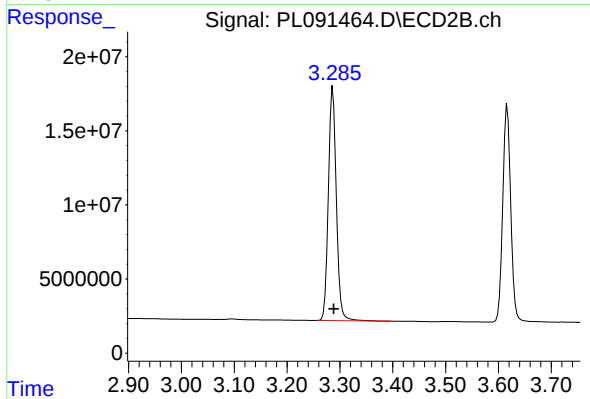
#1 Tetrachloro-m-xylene

R.T.: 2.784 min  
Delta R.T.: -0.001 min  
Response: 42407595  
Conc: 21.73 ng/ml



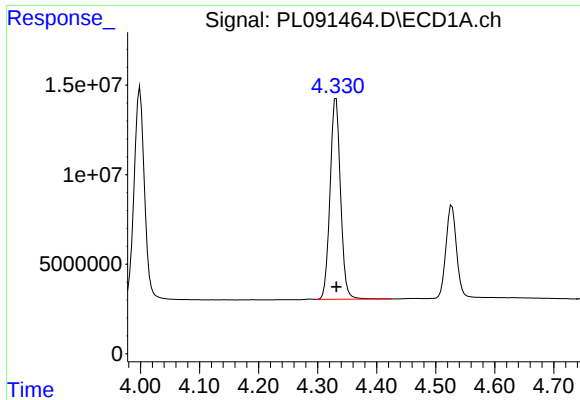
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 144669363  
Conc: 48.26 ng/ml



#2 alpha-BHC

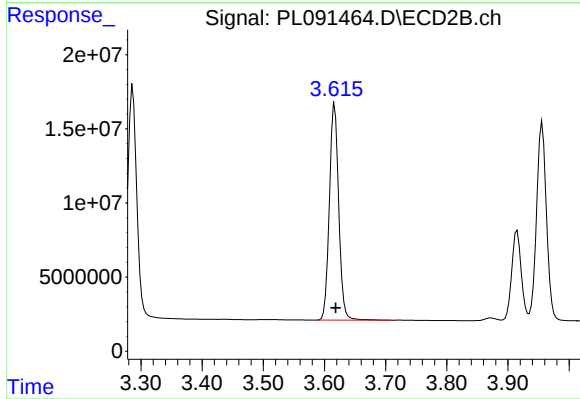
R.T.: 3.287 min  
Delta R.T.: -0.002 min  
Response: 165106897  
Conc: 59.53 ng/ml



#3 gamma-BHC (Lindane)

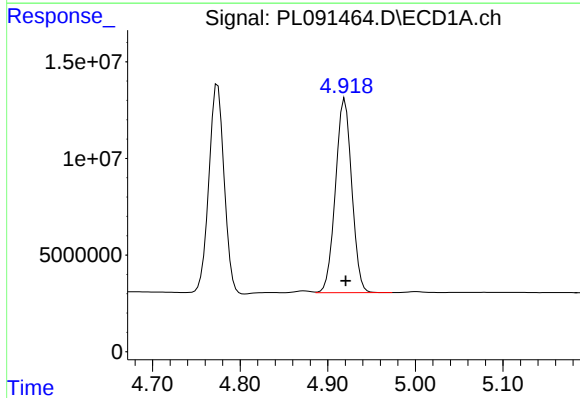
R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 138539515  
Conc: 48.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



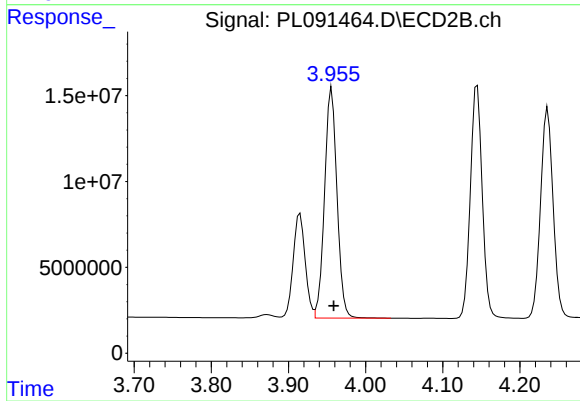
#3 gamma-BHC (Lindane)

R.T.: 3.617 min  
Delta R.T.: -0.002 min  
Response: 154529736  
Conc: 58.67 ng/ml



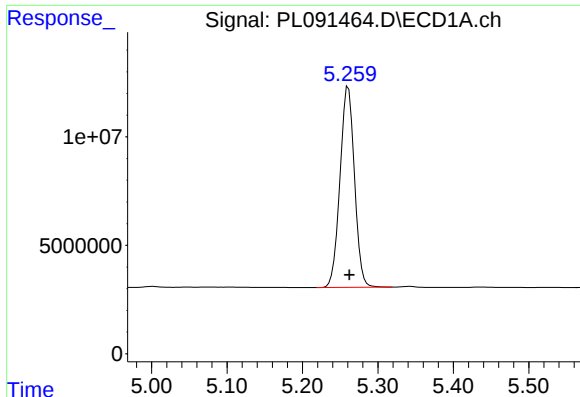
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: -0.001 min  
Response: 129647151  
Conc: 48.68 ng/ml



#4 Heptachlor

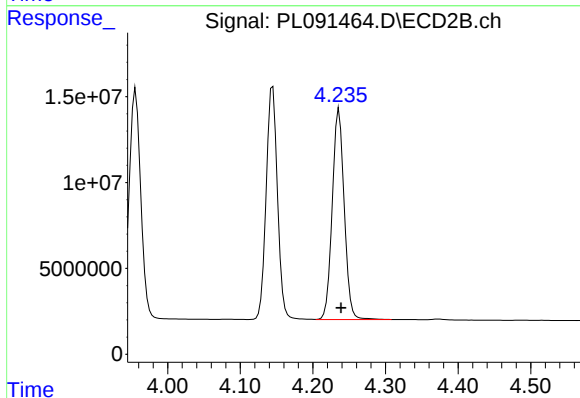
R.T.: 3.956 min  
Delta R.T.: -0.003 min  
Response: 150391924  
Conc: 58.23 ng/ml



#5 Aldrin

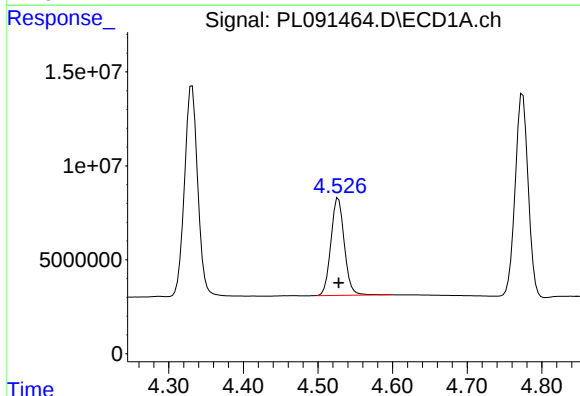
R.T.: 5.261 min  
Delta R.T.: -0.002 min  
Response: 123604716  
Conc: 47.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



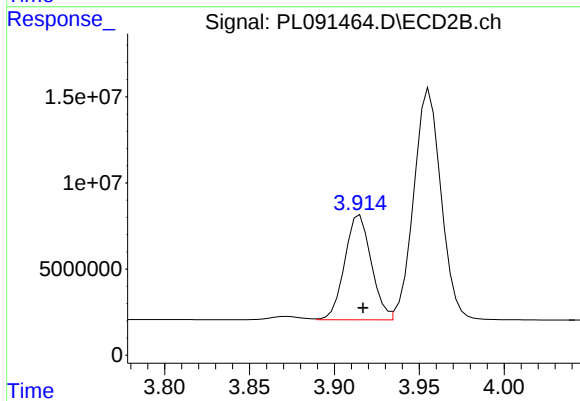
#5 Aldrin

R.T.: 4.236 min  
Delta R.T.: -0.003 min  
Response: 140458356  
Conc: 57.12 ng/ml



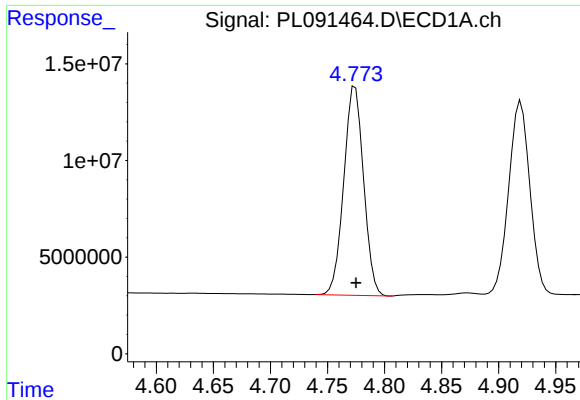
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 64936216  
Conc: 48.02 ng/ml



#6 beta-BHC

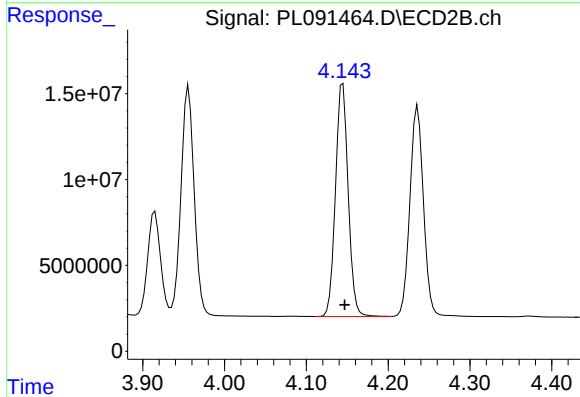
R.T.: 3.915 min  
Delta R.T.: -0.002 min  
Response: 66310542  
Conc: 56.34 ng/ml



#7 delta-BHC

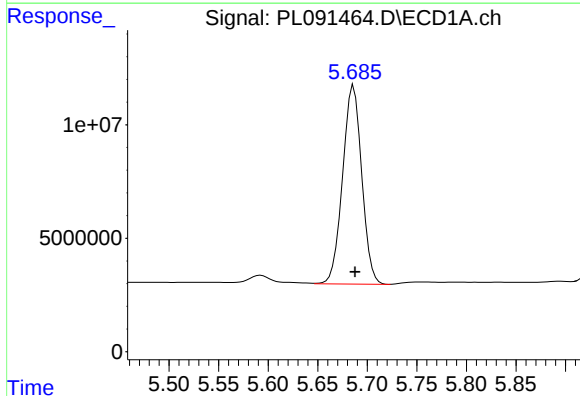
R.T.: 4.774 min  
Delta R.T.: 0.000 min  
Response: 130479653  
Conc: 47.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



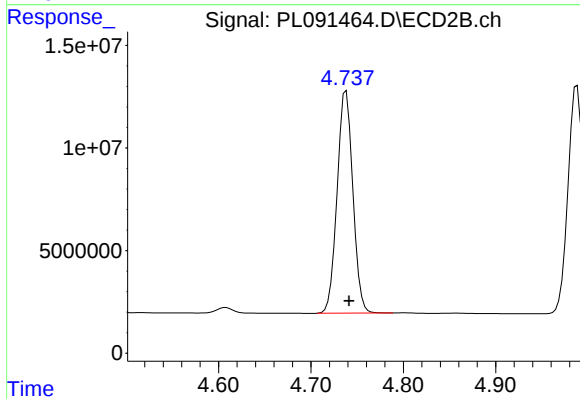
#7 delta-BHC

R.T.: 4.145 min  
Delta R.T.: -0.002 min  
Response: 146352320  
Conc: 57.75 ng/ml



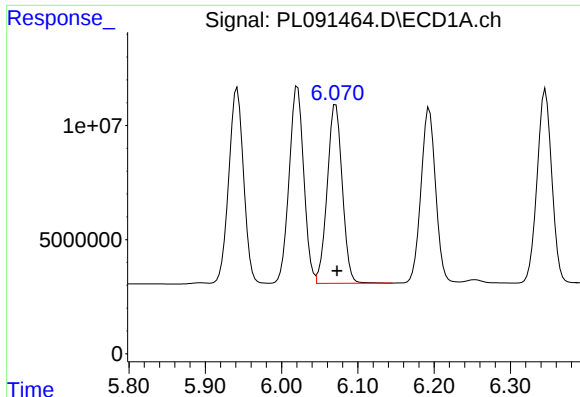
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: -0.002 min  
Response: 117685873  
Conc: 48.10 ng/ml



#8 Heptachlor epoxide

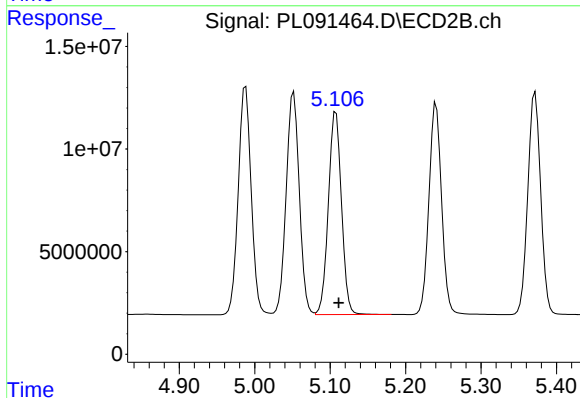
R.T.: 4.738 min  
Delta R.T.: -0.003 min  
Response: 128305195  
Conc: 56.90 ng/ml



#9 Endosulfan I

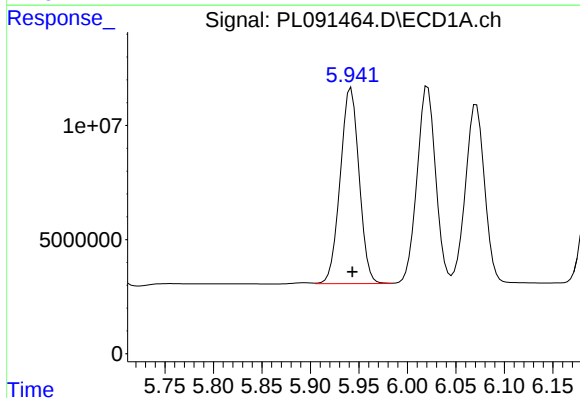
R.T.: 6.071 min  
Delta R.T.: -0.002 min  
Response: 107571389  
Conc: 47.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



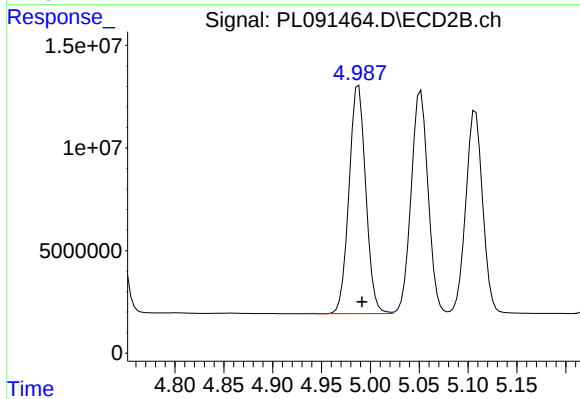
#9 Endosulfan I

R.T.: 5.108 min  
Delta R.T.: -0.004 min  
Response: 119219067  
Conc: 56.50 ng/ml



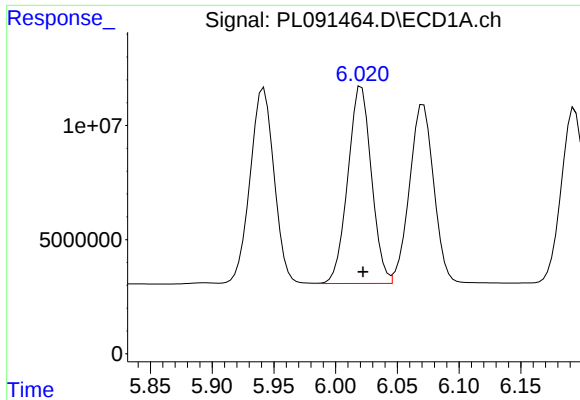
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: -0.001 min  
Response: 115911017  
Conc: 47.97 ng/ml



#10 gamma-Chlordane

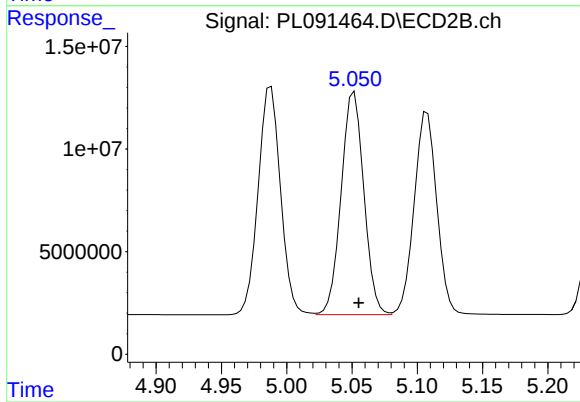
R.T.: 4.988 min  
Delta R.T.: -0.003 min  
Response: 132685543  
Conc: 56.13 ng/ml



#11 alpha-Chlordane

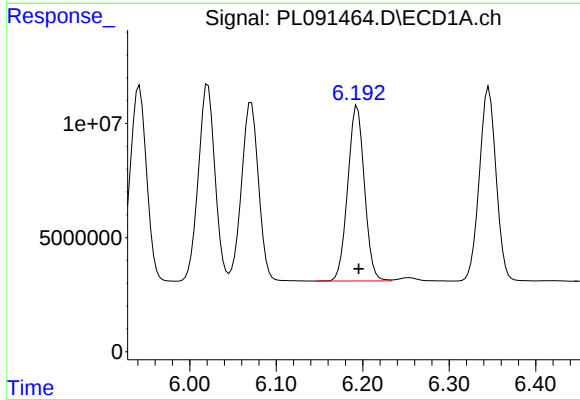
R.T.: 6.021 min  
Delta R.T.: -0.001 min  
Response: 115008425  
Conc: 47.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



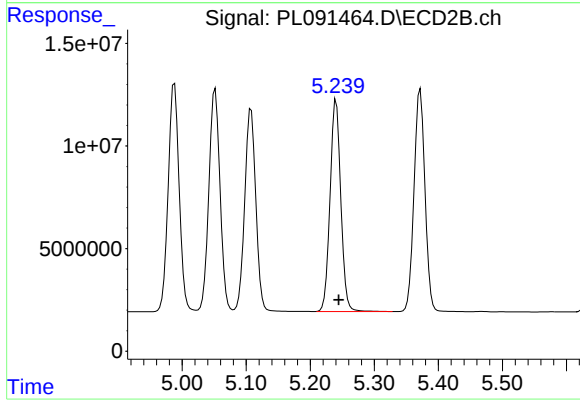
#11 alpha-Chlordane

R.T.: 5.052 min  
Delta R.T.: -0.004 min  
Response: 131270807  
Conc: 55.80 ng/ml



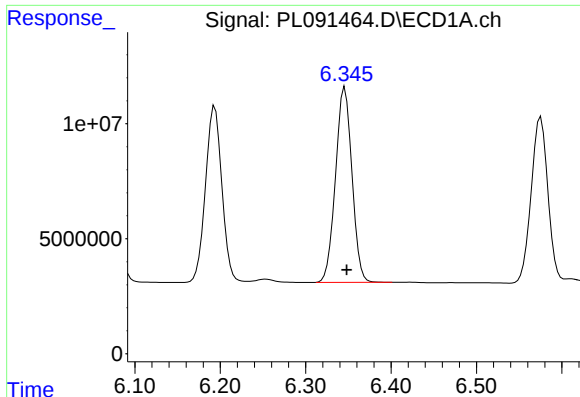
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 102558122  
Conc: 49.02 ng/ml



#12 4,4'-DDE

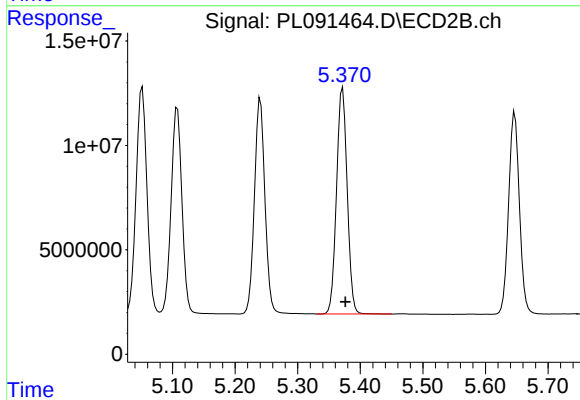
R.T.: 5.241 min  
Delta R.T.: -0.004 min  
Response: 120370833  
Conc: 57.61 ng/ml



#13 Dieldrin

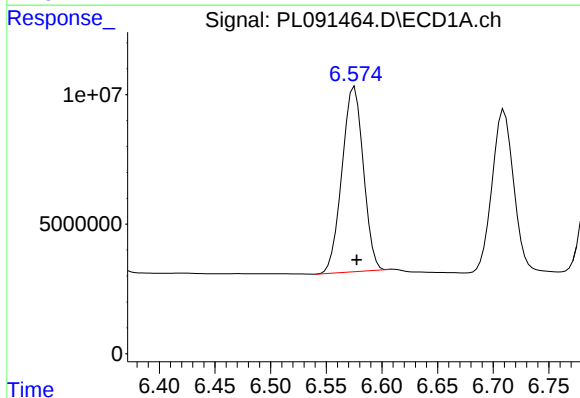
R.T.: 6.346 min  
Delta R.T.: -0.002 min  
Response: 113760529  
Conc: 48.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



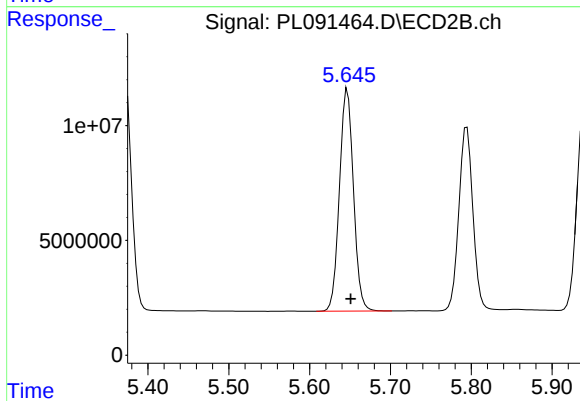
#13 Dieldrin

R.T.: 5.372 min  
Delta R.T.: -0.004 min  
Response: 128754591  
Conc: 56.53 ng/ml



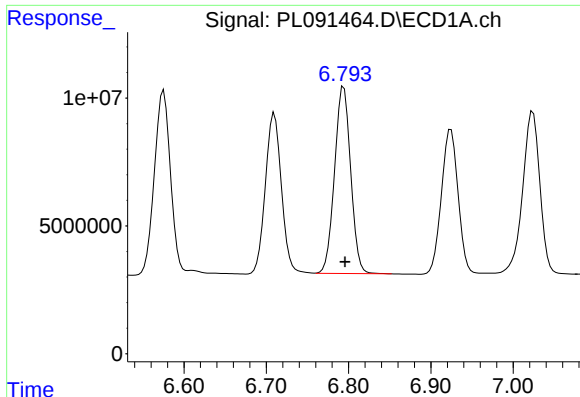
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: -0.002 min  
Response: 95613505  
Conc: 49.30 ng/ml



#14 Endrin

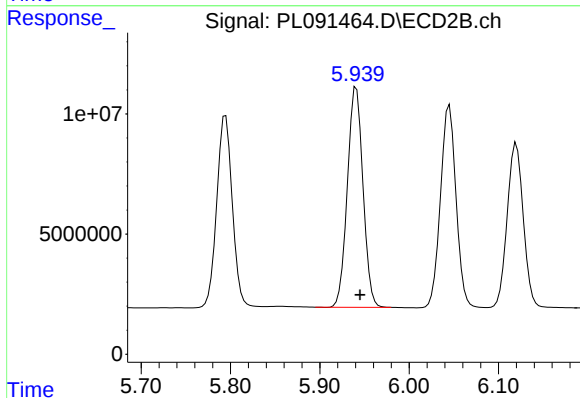
R.T.: 5.647 min  
Delta R.T.: -0.004 min  
Response: 116286894  
Conc: 57.08 ng/ml



#15 Endosulfan II

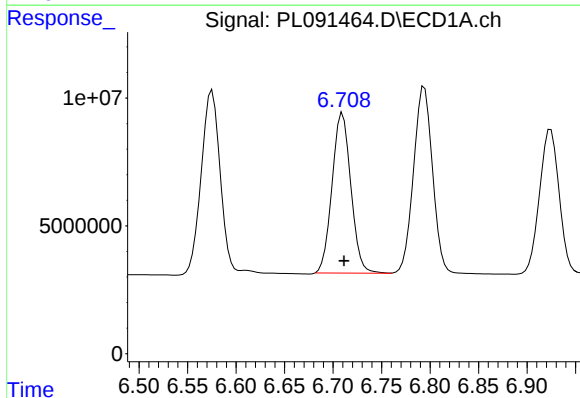
R.T.: 6.794 min  
Delta R.T.: -0.002 min  
Response: 99546905  
Conc: 49.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



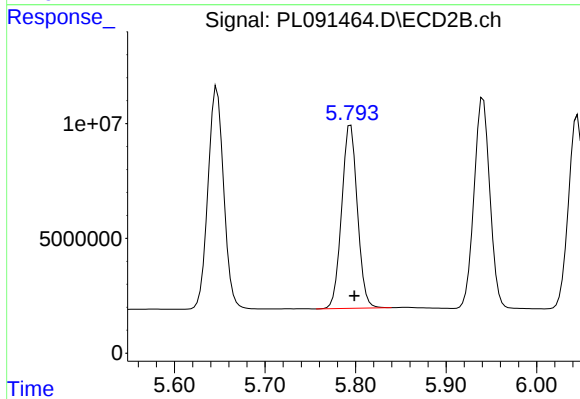
#15 Endosulfan II

R.T.: 5.941 min  
Delta R.T.: -0.004 min  
Response: 111284264  
Conc: 57.52 ng/ml



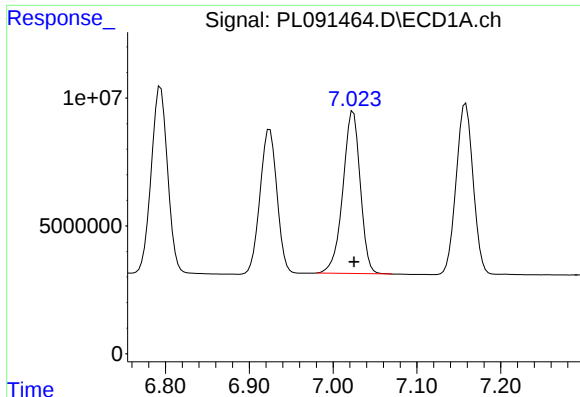
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: -0.001 min  
Response: 84431380  
Conc: 55.86 ng/ml



#16 4,4'-DDD

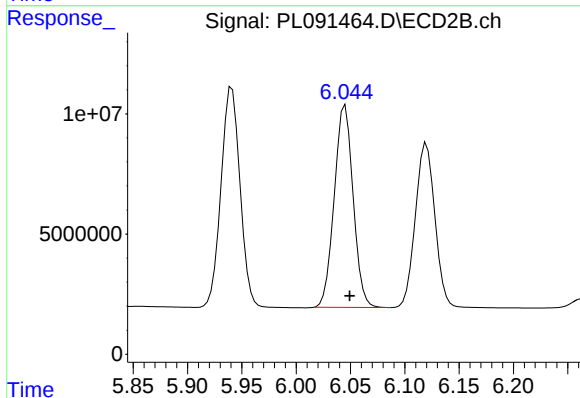
R.T.: 5.795 min  
Delta R.T.: -0.004 min  
Response: 96288162  
Conc: 58.33 ng/ml



#17 4,4'-DDT

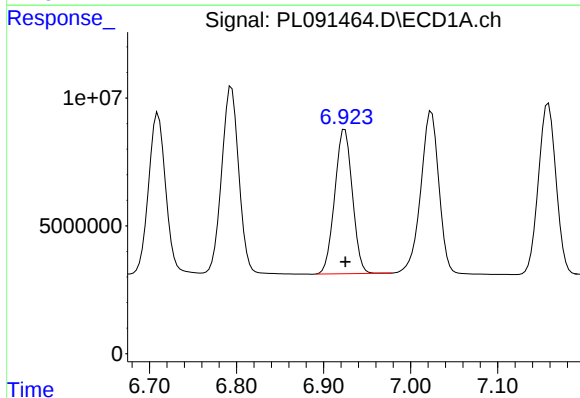
R.T.: 7.024 min  
Delta R.T.: -0.001 min  
Response: 91641256  
Conc: 51.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



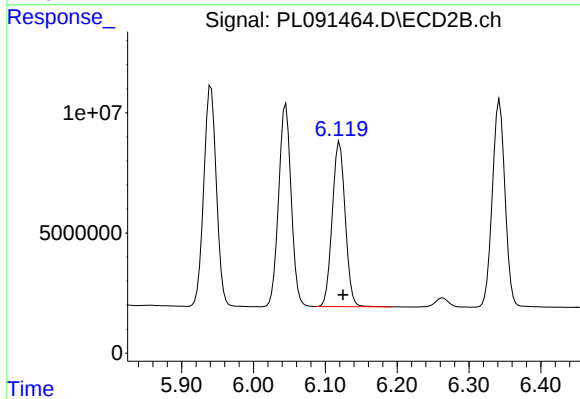
#17 4,4'-DDT

R.T.: 6.045 min  
Delta R.T.: -0.004 min  
Response: 101695112  
Conc: 57.25 ng/ml



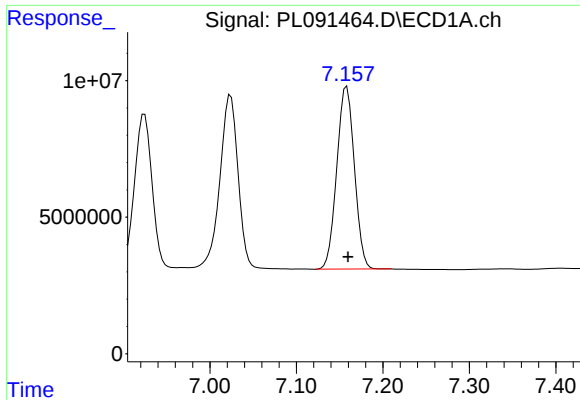
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 79218240  
Conc: 49.62 ng/ml



#18 Endrin aldehyde

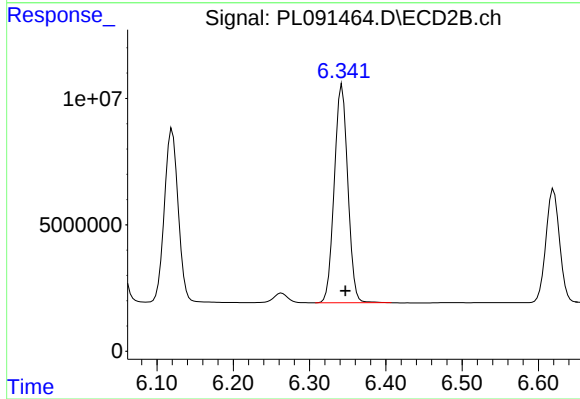
R.T.: 6.120 min  
Delta R.T.: -0.005 min  
Response: 85973626  
Conc: 55.19 ng/ml



#19 Endosulfan Sulfate

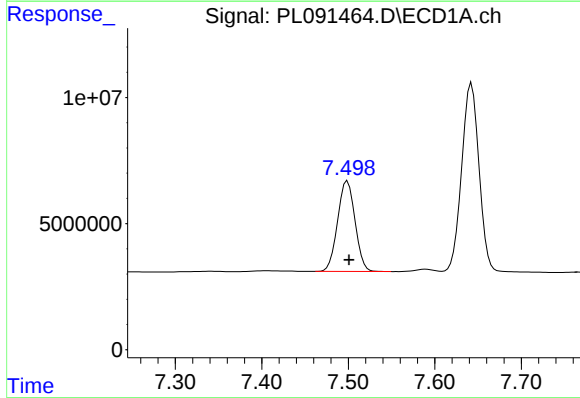
R.T.: 7.158 min  
Delta R.T.: -0.001 min  
Response: 94159270  
Conc: 49.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



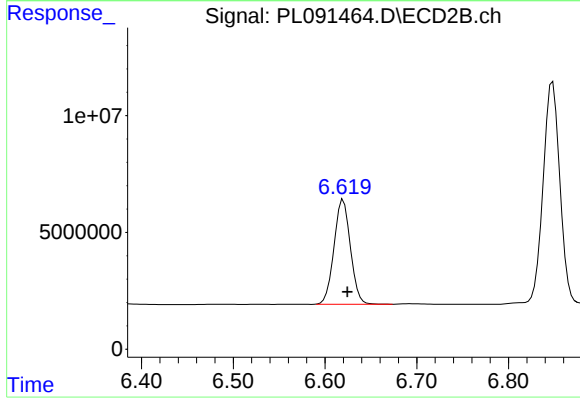
#19 Endosulfan Sulfate

R.T.: 6.343 min  
Delta R.T.: -0.005 min  
Response: 105849985  
Conc: 54.90 ng/ml



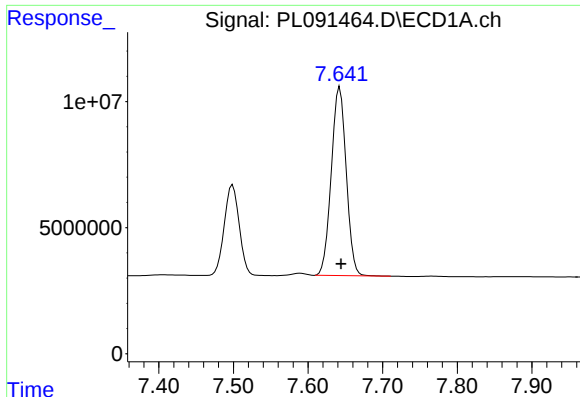
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: -0.002 min  
Response: 50013709  
Conc: 53.19 ng/ml



#20 Methoxychlor

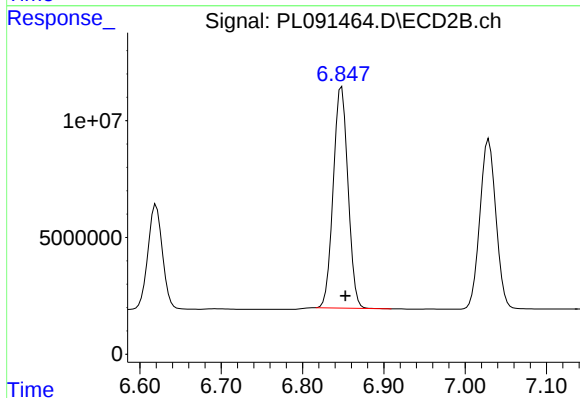
R.T.: 6.620 min  
Delta R.T.: -0.004 min  
Response: 55723126  
Conc: 56.12 ng/ml



#21 Endrin ketone

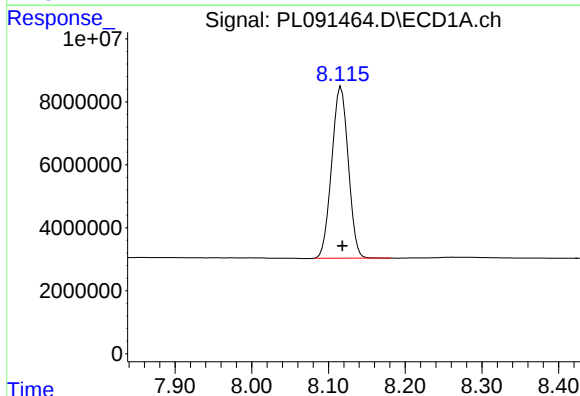
R.T.: 7.643 min  
Delta R.T.: -0.002 min  
Response: 104069821  
Conc: 49.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



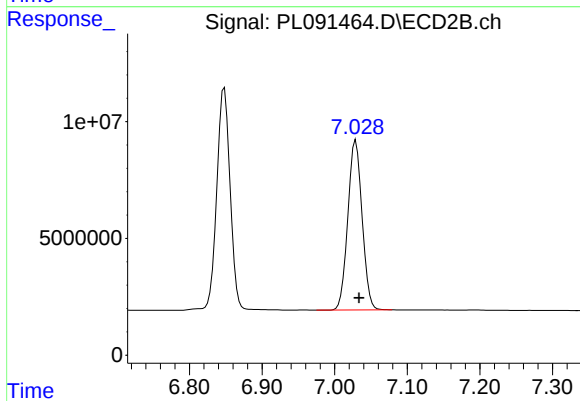
#21 Endrin ketone

R.T.: 6.848 min  
Delta R.T.: -0.004 min  
Response: 119410219  
Conc: 54.83 ng/ml



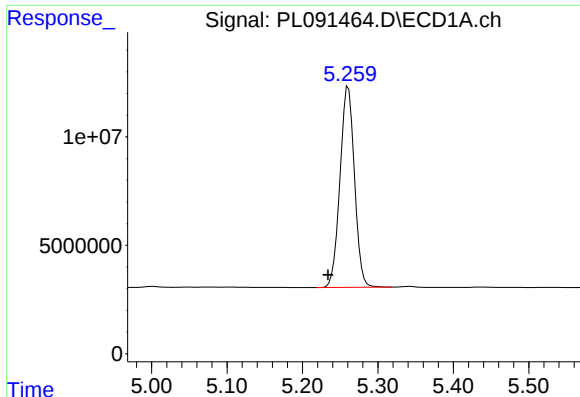
#22 Mirex

R.T.: 8.116 min  
Delta R.T.: -0.002 min  
Response: 81761138  
Conc: 48.06 ng/ml



#22 Mirex

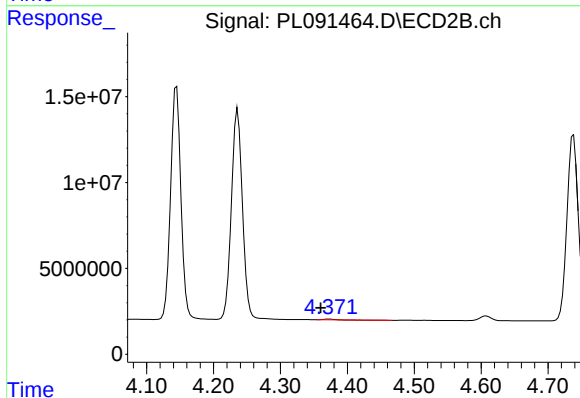
R.T.: 7.029 min  
Delta R.T.: -0.005 min  
Response: 99247966  
Conc: 53.18 ng/ml



#24 Chlordane-2

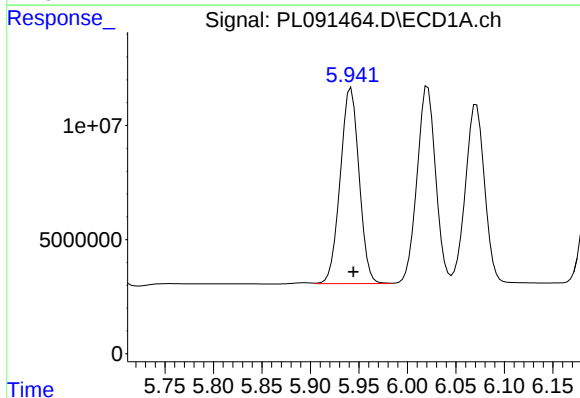
R.T.: 5.261 min  
Delta R.T.: 0.027 min  
Response: 123604716  
Conc: 1217.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



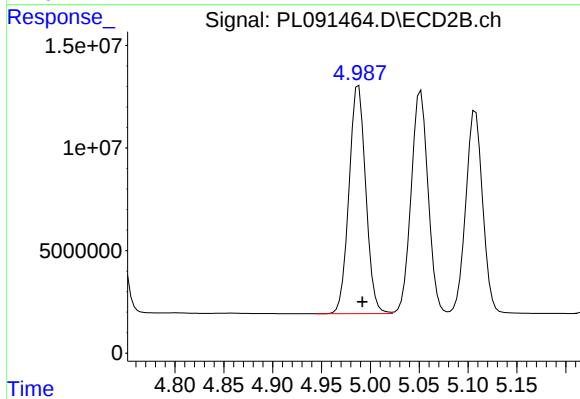
#24 Chlordane-2

R.T.: 4.373 min  
Delta R.T.: 0.013 min  
Response: 350159  
Conc: 3.73 ng/ml



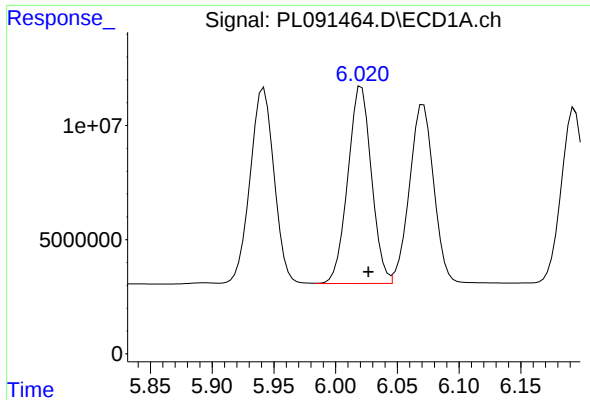
#25 Chlordane-3

R.T.: 5.942 min  
Delta R.T.: -0.003 min  
Response: 115911017  
Conc: 333.73 ng/ml



#25 Chlordane-3

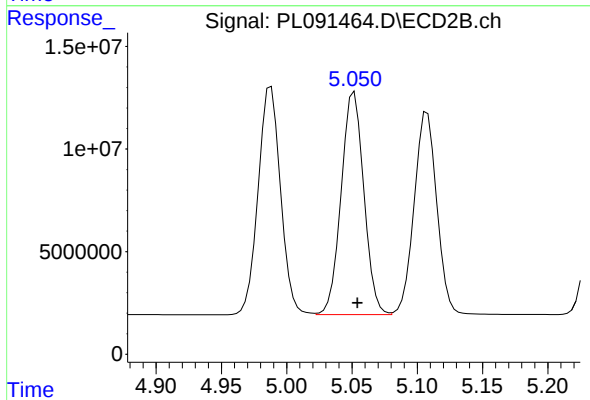
R.T.: 4.988 min  
Delta R.T.: -0.004 min  
Response: 132685543  
Conc: 546.40 ng/ml



#26 Chlordane-4

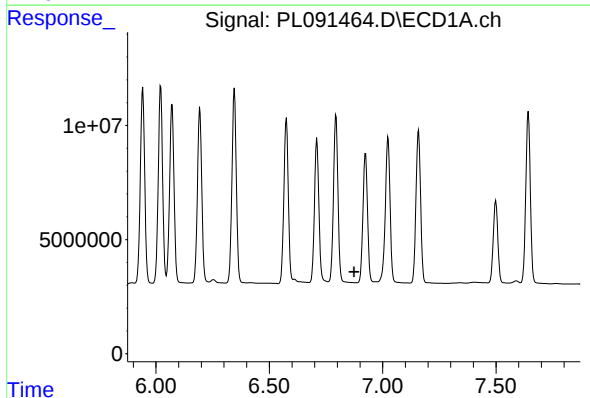
R.T.: 6.021 min  
Delta R.T.: -0.006 min  
Response: 115008425  
Conc: 273.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



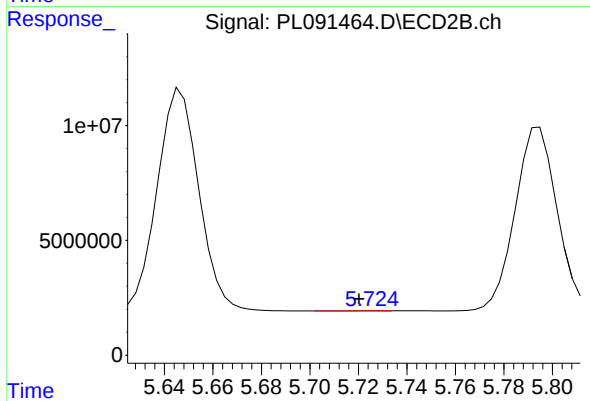
#26 Chlordane-4

R.T.: 5.052 min  
Delta R.T.: -0.002 min  
Response: 131270807  
Conc: 562.99 ng/ml



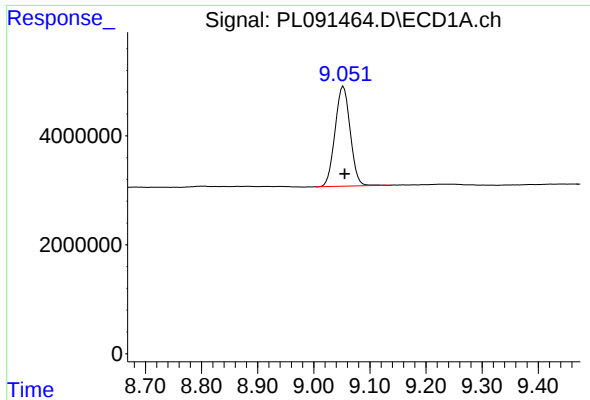
#27 Chlordane-5

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



#27 Chlordane-5

R.T.: 5.726 min  
Delta R.T.: 0.005 min  
Response: 74891  
Conc: 1.08 ng/ml



#28 Decachlorobiphenyl

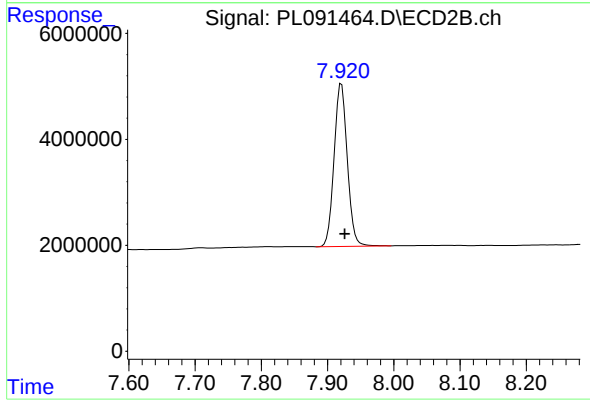
R.T.: 9.053 min

Delta R.T.: -0.002 min

Response: 34494142

Conc: 22.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.921 min

Delta R.T.: -0.005 min

Response: 42602719

Conc: 22.49 ng/ml