

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091624\  
 Data File : PL091772-1.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Sep 2024 13:07  
 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: Sep 17 01:25:43 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 19:26:36 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... | 3.542  | 2.782 | 83685905 | 103.3E6  | 53.693   | 55.246     |
| 28)                         | SA Decachlor... | 9.056  | 7.921 | 52348620 | 87705940 | 43.074   | 47.497     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.997  | 3.285 | 113.9E6  | 145.6E6  | 52.754   | 54.729     |
| 3)                          | MA gamma-BHC... | 4.330  | 3.615 | 106.9E6  | 135.4E6  | 52.016   | 55.056     |
| 4)                          | MA Heptachlor   | 4.918  | 3.954 | 99494700 | 130.8E6  | 53.120   | 54.303     |
| 5)                          | MB Aldrin       | 5.260  | 4.234 | 92506945 | 123.9E6  | 49.666   | 54.323     |
| 6)                          | B beta-BHC      | 4.526  | 3.914 | 48354738 | 58565858 | 53.136   | 53.609     |
| 7)                          | B delta-BHC     | 4.773  | 4.143 | 102.6E6  | 129.7E6  | 53.386   | 56.391     |
| 8)                          | B Heptachlo...  | 5.686  | 4.737 | 84303272 | 109.8E6  | 50.520   | 52.083     |
| 9)                          | A Endosulfan I  | 6.072  | 5.107 | 79499407 | 106.4E6  | 51.023   | 55.140     |
| 10)                         | B gamma-Chl...  | 5.942  | 4.987 | 85640146 | 116.4E6  | 51.258   | 52.794     |
| 11)                         | B alpha-Chl...  | 6.021  | 5.051 | 85743097 | 114.0E6  | 53.196   | 55.077     |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.240 | 76944426 | 106.2E6  | 52.750   | 56.009     |
| 13)                         | MA Dieldrin     | 6.347  | 5.371 | 84059483 | 108.7E6  | 51.515   | 52.904     |
| 14)                         | MA Endrin       | 6.576  | 5.646 | 60431499 | 90425709 | 45.448   | 47.915     |
| 15)                         | B Endosulfa...  | 6.795  | 5.941 | 74410416 | 97296557 | 48.007   | 55.003     |
| 16)                         | A 4,4'-DDD      | 6.711  | 5.794 | 66983722 | 88296260 | 52.845   | 52.691     |
| 17)                         | MA 4,4'-DDT     | 7.025  | 6.044 | 60593765 | 81847995 | 46.193   | 50.939     |
| 18)                         | B Endrin al...  | 6.925  | 6.120 | 58900115 | 74689589 | 49.574   | 54.636     |
| 19)                         | B Endosulfa...  | 7.160  | 6.342 | 67939367 | 91711648 | 48.653   | 53.442     |
| 20)                         | A Methoxychlor  | 7.501  | 6.619 | 32637646 | 42950712 | 48.247   | 48.490     |
| 21)                         | B Endrin ke...  | 7.645  | 6.848 | 76404643 | 107.4E6  | 49.411   | 53.415     |
| 22)                         | Mirex           | 8.118  | 7.029 | 56658904 | 85788695 | 47.317   | 48.380     |
| 23)                         | Chlordane-1     | 0.000  | 3.783 | 0        | 70723    | N.D.     | 1.017 #    |
| 24)                         | Chlordane-2     | 5.260f | 4.372 | 92506945 | 2055128  | 1203.230 | 27.419 #   |
| 25)                         | Chlordane-3     | 5.942  | 4.987 | 85640146 | 116.4E6  | 333.361  | 499.467 #  |
| 26)                         | Chlordane-4     | 6.021  | 5.051 | 85743097 | 114.0E6  | 289.520  | 546.457 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.941 | 0        | 97296557 | N.D.     | 1357.741 # |
| -----                       |                 |        |       |          |          |          |            |

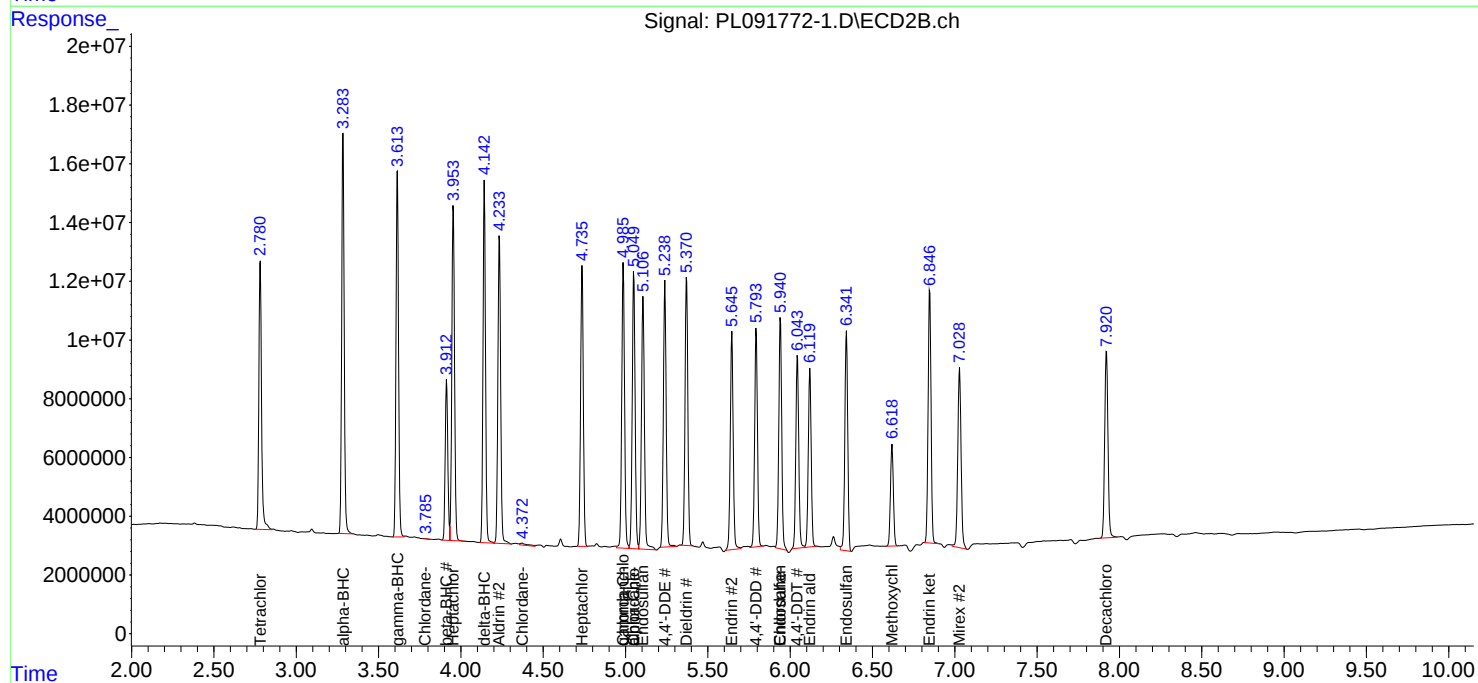
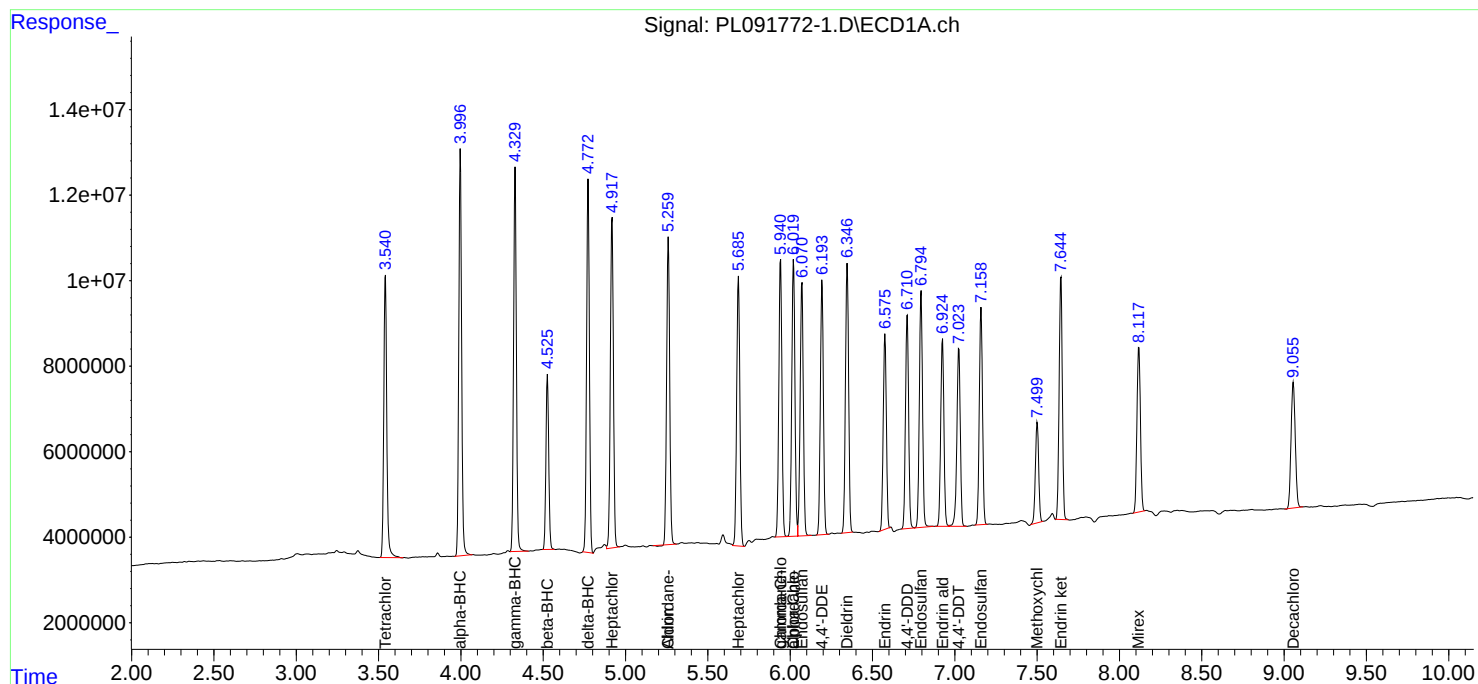
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

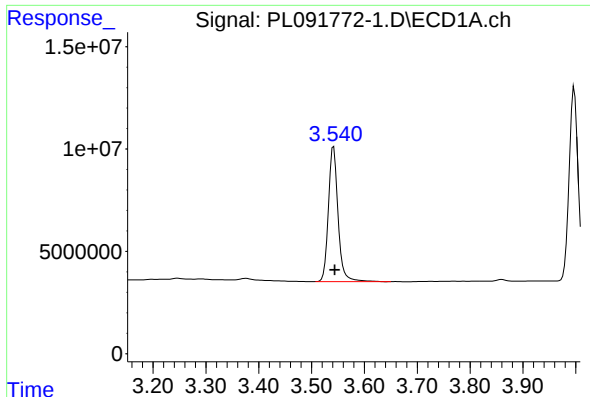
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091624\  
Data File : PL091772-1.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Sep 2024 13:07  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 17 01:25:43 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 09 19:26:36 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

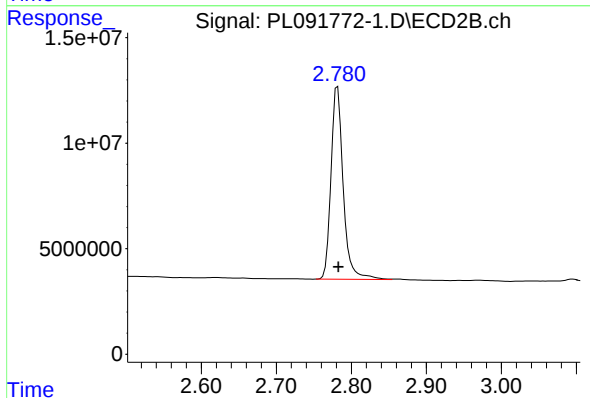




#1 Tetrachloro-m-xylene

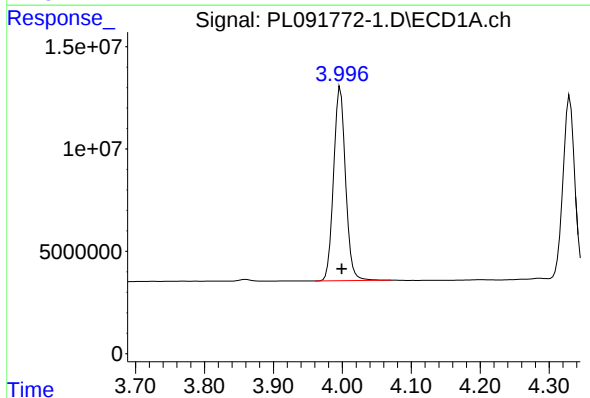
R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 83685905  
Conc: 53.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



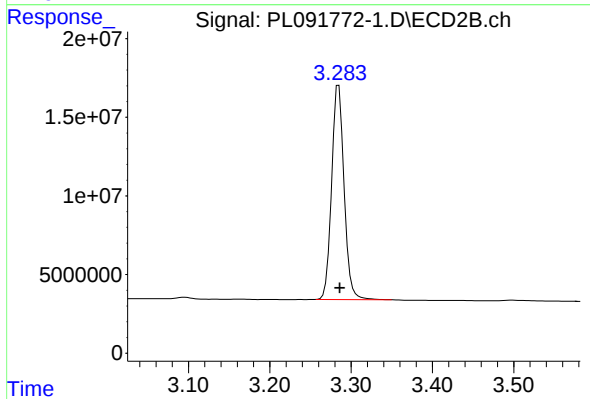
#1 Tetrachloro-m-xylene

R.T.: 2.782 min  
Delta R.T.: -0.001 min  
Response: 103327246  
Conc: 55.25 ng/ml



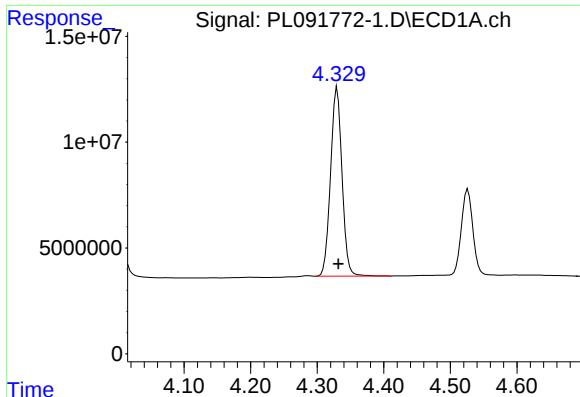
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: -0.002 min  
Response: 113944926  
Conc: 52.75 ng/ml



#2 alpha-BHC

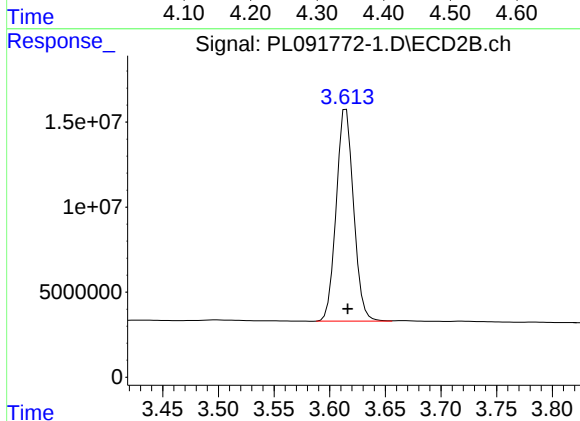
R.T.: 3.285 min  
Delta R.T.: -0.001 min  
Response: 145556393  
Conc: 54.73 ng/ml



#3 gamma-BHC (Lindane)

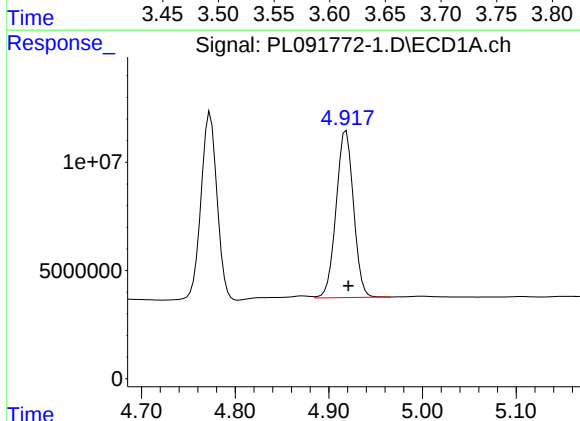
R.T.: 4.330 min  
Delta R.T.: -0.002 min  
Response: 106930455  
Conc: 52.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



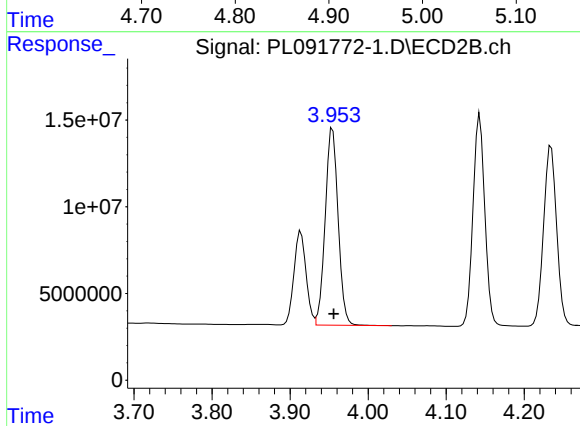
#3 gamma-BHC (Lindane)

R.T.: 3.615 min  
Delta R.T.: -0.001 min  
Response: 135407077  
Conc: 55.06 ng/ml



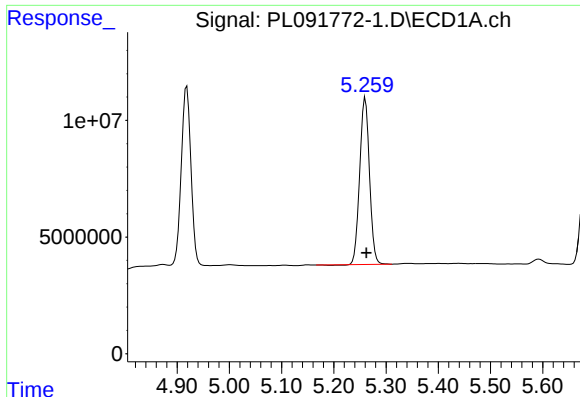
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: -0.002 min  
Response: 99494700  
Conc: 53.12 ng/ml



#4 Heptachlor

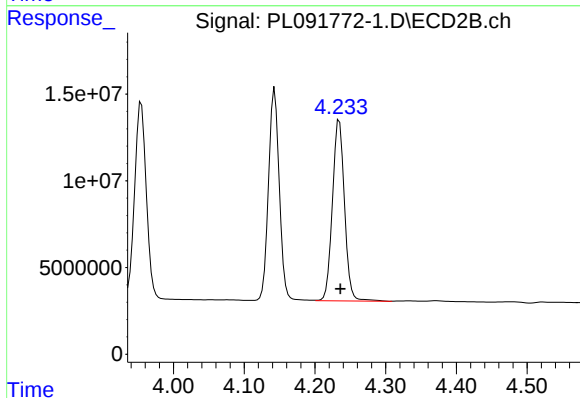
R.T.: 3.954 min  
Delta R.T.: -0.001 min  
Response: 130778193  
Conc: 54.30 ng/ml



#5 Aldrin

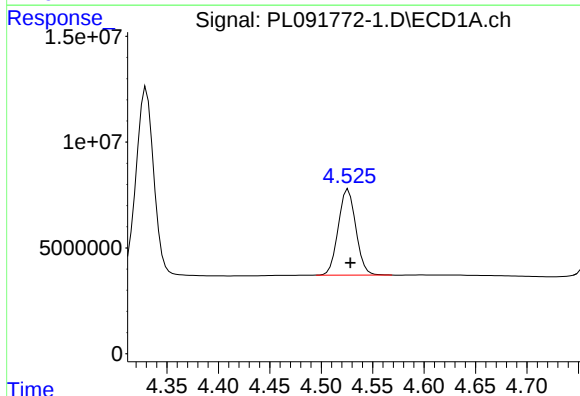
R.T.: 5.260 min  
Delta R.T.: -0.002 min  
Response: 92506945  
Conc: 49.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



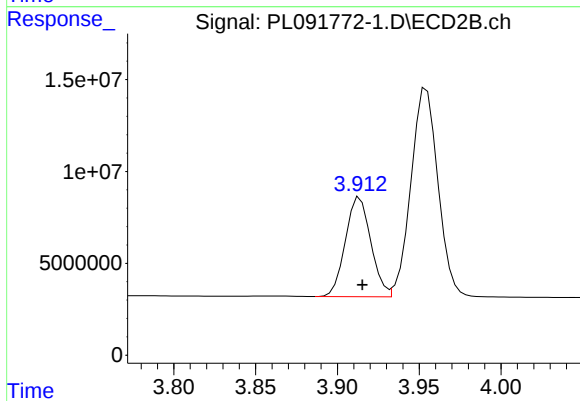
#5 Aldrin

R.T.: 4.234 min  
Delta R.T.: -0.002 min  
Response: 123937955  
Conc: 54.32 ng/ml



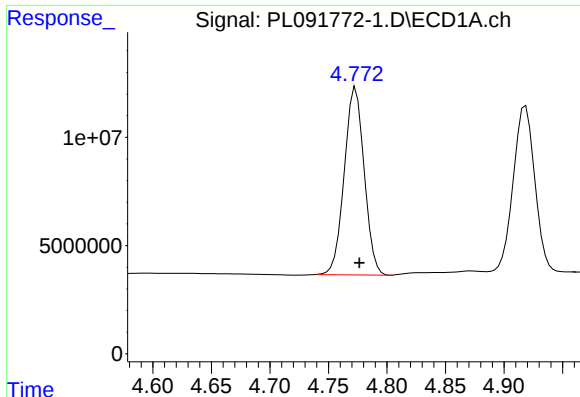
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: -0.002 min  
Response: 48354738  
Conc: 53.14 ng/ml



#6 beta-BHC

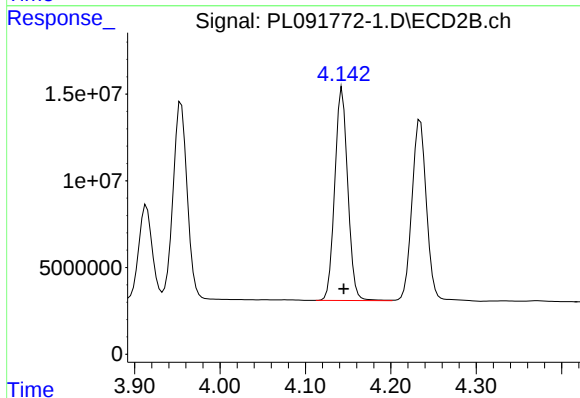
R.T.: 3.914 min  
Delta R.T.: -0.001 min  
Response: 58565858  
Conc: 53.61 ng/ml



#7 delta-BHC

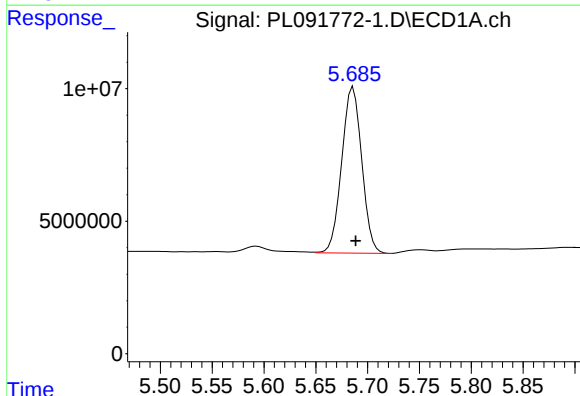
R.T.: 4.773 min  
Delta R.T.: -0.003 min  
Response: 102563803  
Conc: 53.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



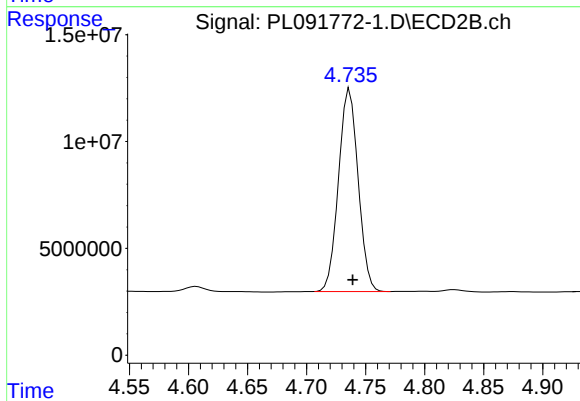
#7 delta-BHC

R.T.: 4.143 min  
Delta R.T.: -0.002 min  
Response: 129739946  
Conc: 56.39 ng/ml



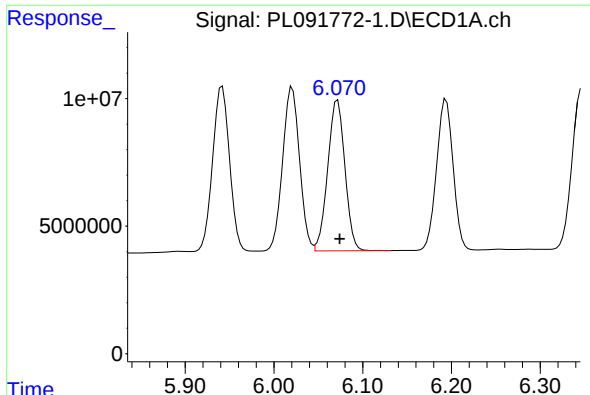
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: -0.002 min  
Response: 84303272  
Conc: 50.52 ng/ml



#8 Heptachlor epoxide

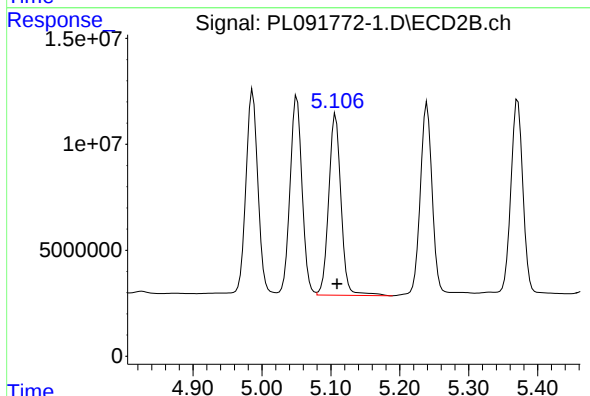
R.T.: 4.737 min  
Delta R.T.: -0.002 min  
Response: 109775638  
Conc: 52.08 ng/ml



#9 Endosulfan I

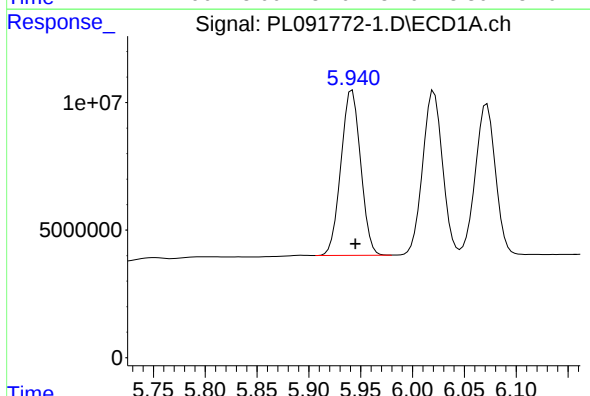
R.T.: 6.072 min  
Delta R.T.: -0.002 min  
Response: 79499407  
Conc: 51.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



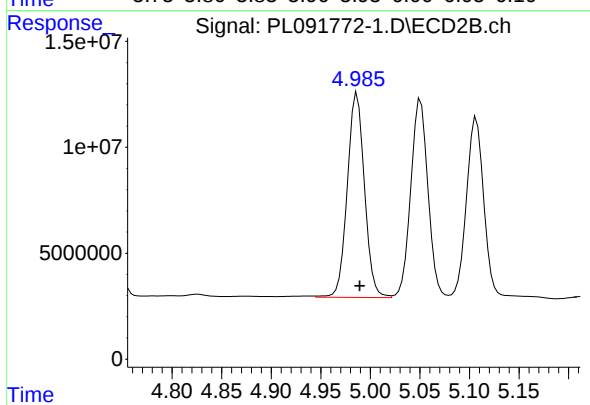
#9 Endosulfan I

R.T.: 5.107 min  
Delta R.T.: -0.002 min  
Response: 106383419  
Conc: 55.14 ng/ml



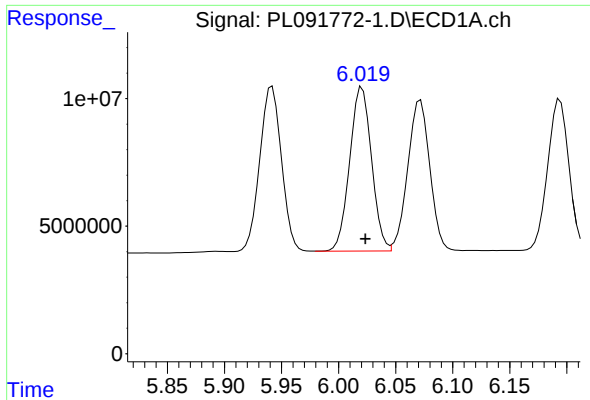
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: -0.003 min  
Response: 85640146  
Conc: 51.26 ng/ml



#10 gamma-Chlordane

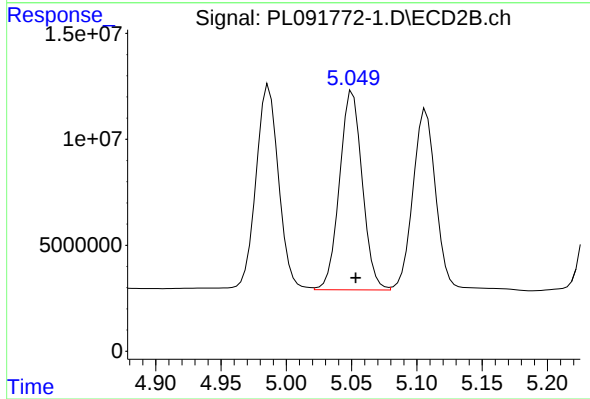
R.T.: 4.987 min  
Delta R.T.: -0.003 min  
Response: 116446256  
Conc: 52.79 ng/ml



#11 alpha-Chlordane

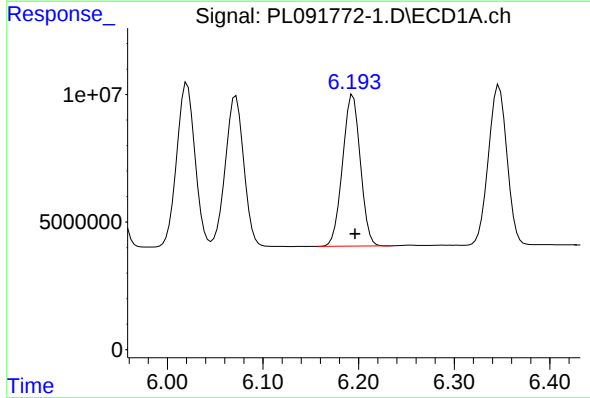
R.T.: 6.021 min  
Delta R.T.: -0.003 min  
Response: 85743097  
Conc: 53.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



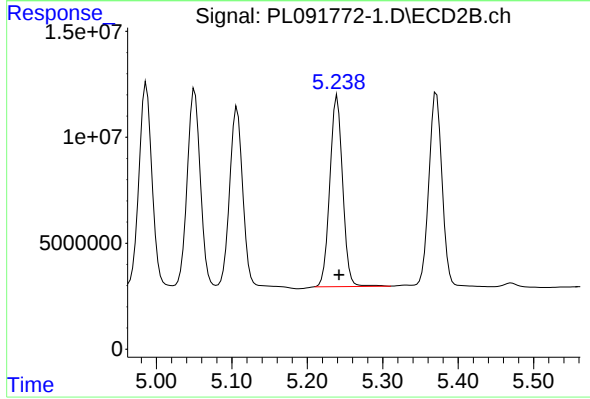
#11 alpha-Chlordane

R.T.: 5.051 min  
Delta R.T.: -0.003 min  
Response: 113954314  
Conc: 55.08 ng/ml



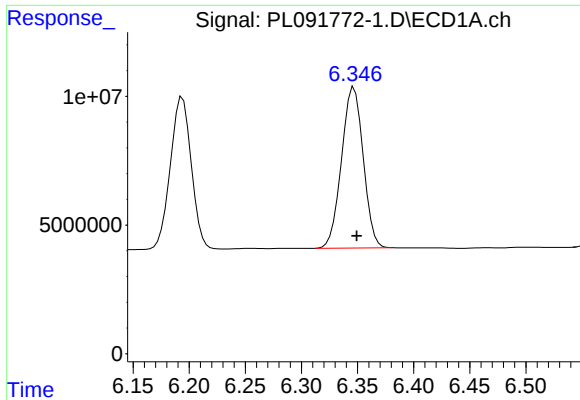
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 76944426  
Conc: 52.75 ng/ml



#12 4,4'-DDE

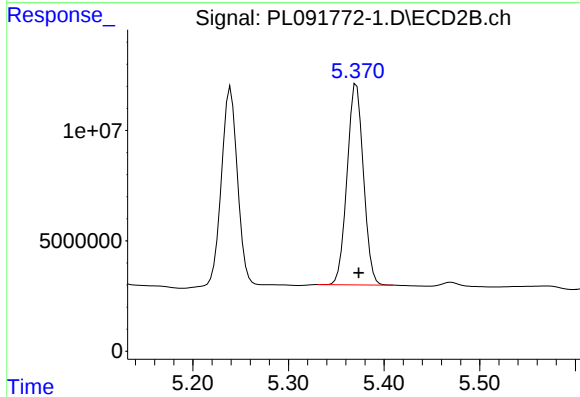
R.T.: 5.240 min  
Delta R.T.: -0.002 min  
Response: 106231771  
Conc: 56.01 ng/ml



#13 Dieldrin

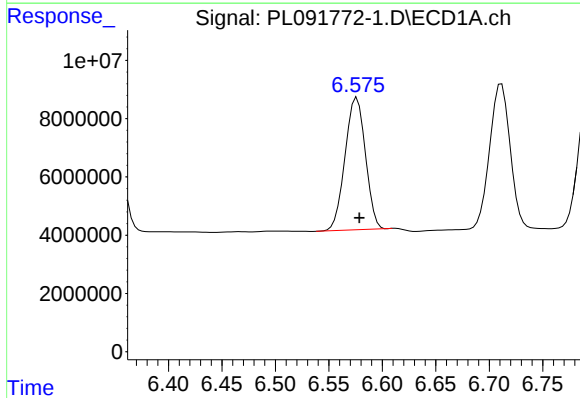
R.T.: 6.347 min  
Delta R.T.: -0.002 min  
Response: 84059483  
Conc: 51.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



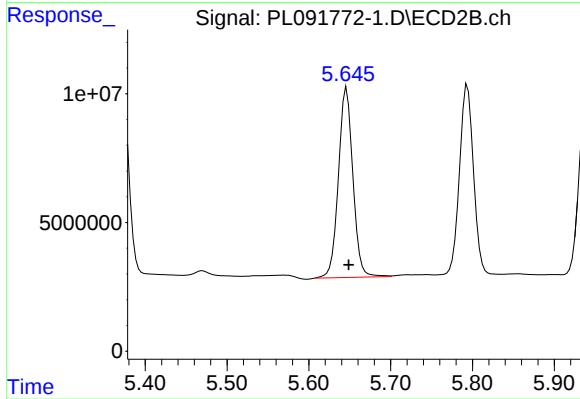
#13 Dieldrin

R.T.: 5.371 min  
Delta R.T.: -0.002 min  
Response: 108740959  
Conc: 52.90 ng/ml



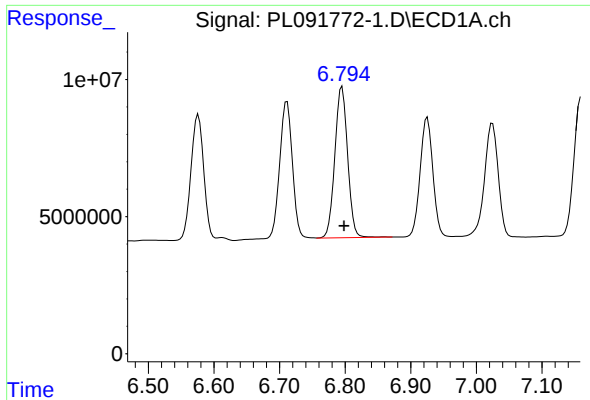
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: -0.002 min  
Response: 60431499  
Conc: 45.45 ng/ml



#14 Endrin

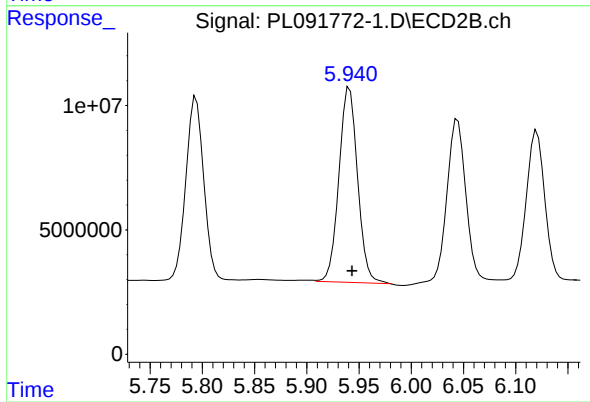
R.T.: 5.646 min  
Delta R.T.: -0.002 min  
Response: 90425709  
Conc: 47.92 ng/ml



#15 Endosulfan II

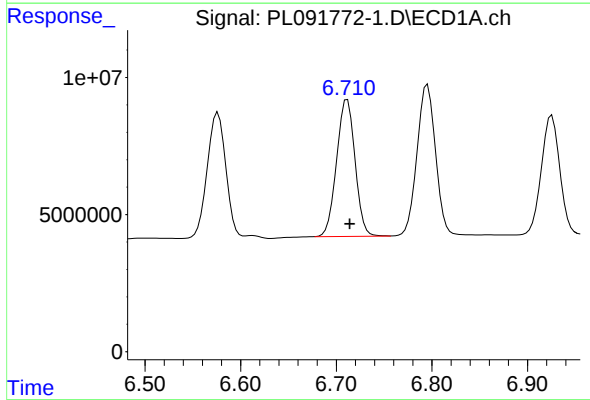
R.T.: 6.795 min  
Delta R.T.: -0.003 min  
Response: 74410416  
Conc: 48.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



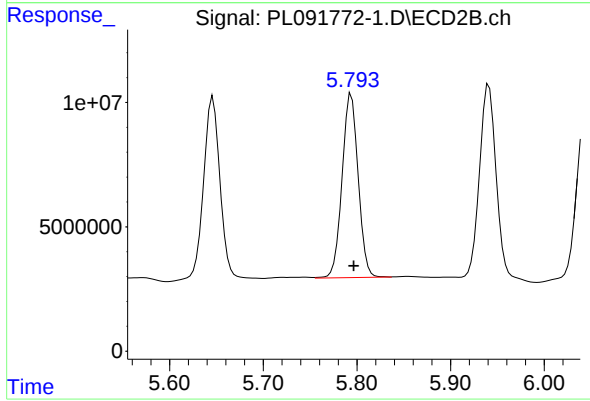
#15 Endosulfan II

R.T.: 5.941 min  
Delta R.T.: -0.002 min  
Response: 97296557  
Conc: 55.00 ng/ml



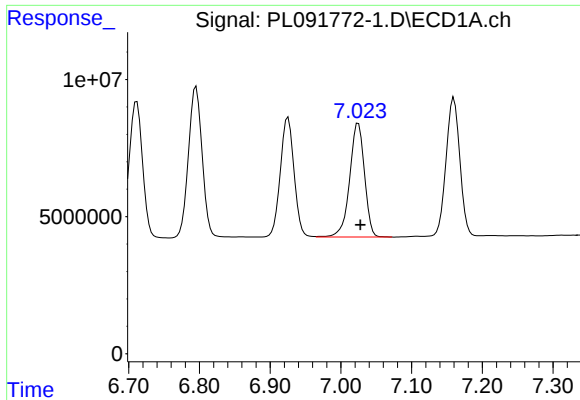
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: -0.003 min  
Response: 66983722  
Conc: 52.85 ng/ml



#16 4,4'-DDD

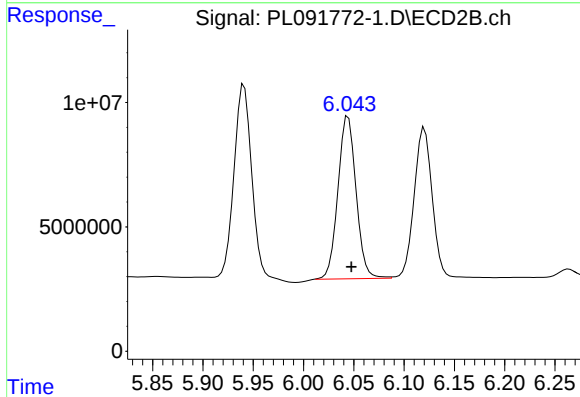
R.T.: 5.794 min  
Delta R.T.: -0.003 min  
Response: 88296260  
Conc: 52.69 ng/ml



#17 4,4'-DDT

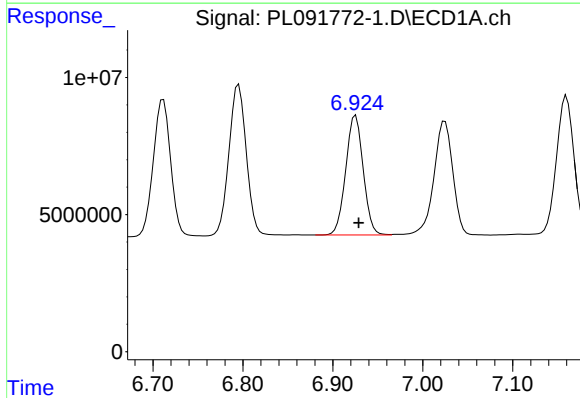
R.T.: 7.025 min  
Delta R.T.: -0.003 min  
Response: 60593765  
Conc: 46.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



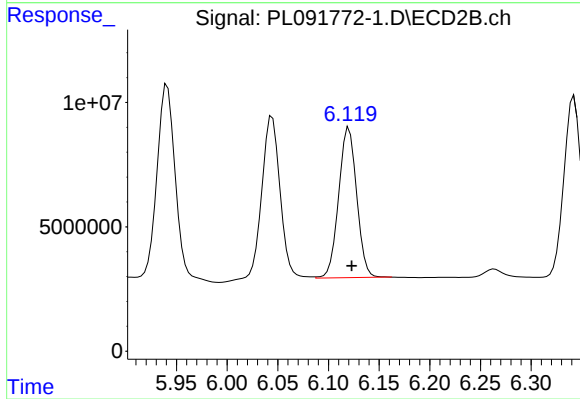
#17 4,4'-DDT

R.T.: 6.044 min  
Delta R.T.: -0.003 min  
Response: 81847995  
Conc: 50.94 ng/ml



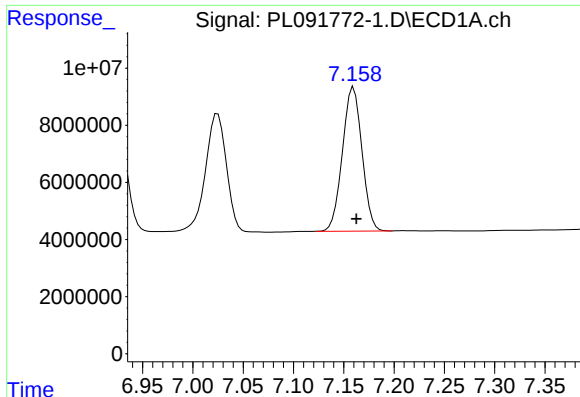
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: -0.003 min  
Response: 58900115  
Conc: 49.57 ng/ml



#18 Endrin aldehyde

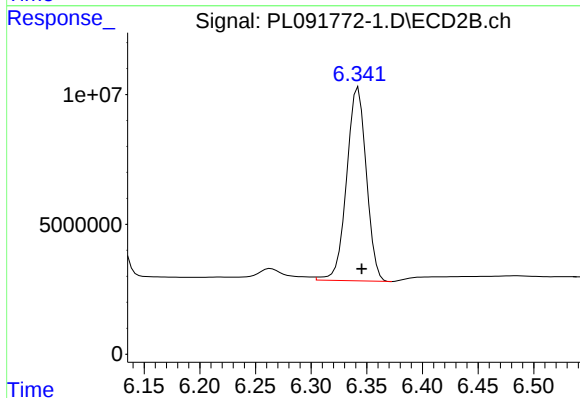
R.T.: 6.120 min  
Delta R.T.: -0.002 min  
Response: 74689589  
Conc: 54.64 ng/ml



#19 Endosulfan Sulfate

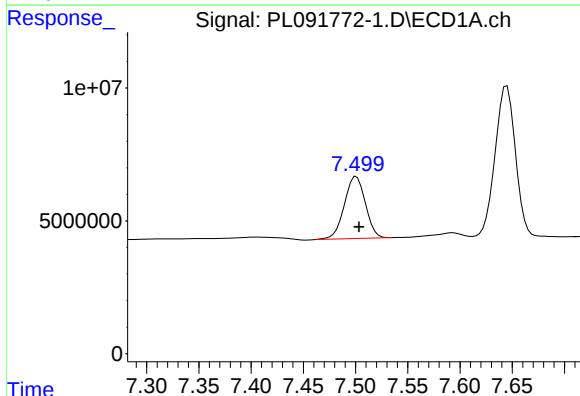
R.T.: 7.160 min  
Delta R.T.: -0.003 min  
Response: 67939367  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



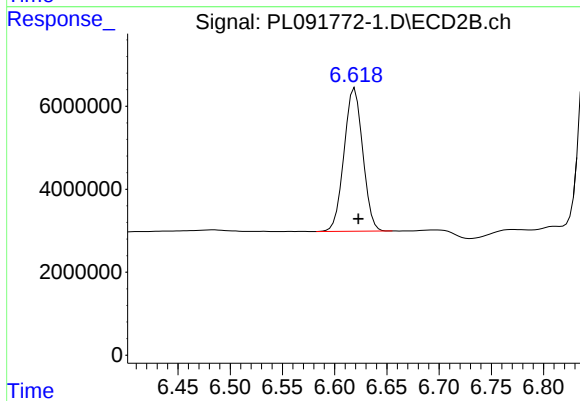
#19 Endosulfan Sulfate

R.T.: 6.342 min  
Delta R.T.: -0.003 min  
Response: 91711648  
Conc: 53.44 ng/ml



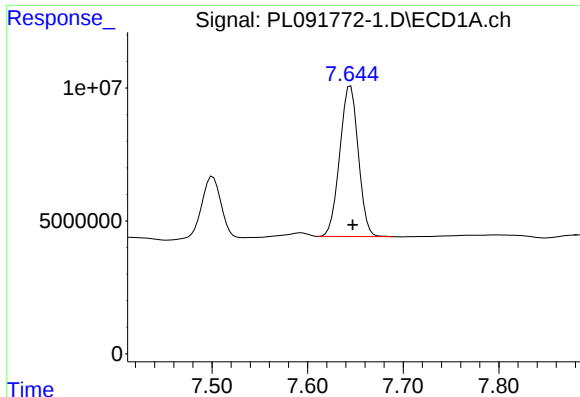
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: -0.003 min  
Response: 32637646  
Conc: 48.25 ng/ml



#20 Methoxychlor

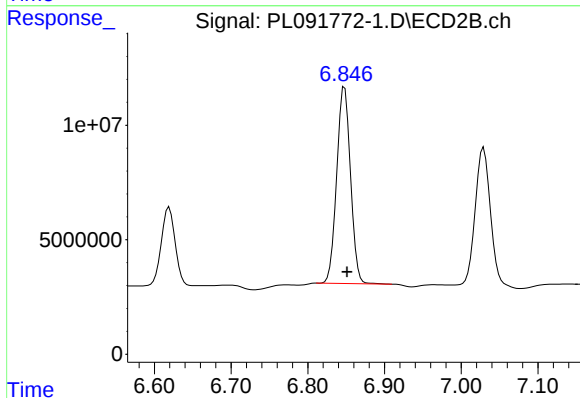
R.T.: 6.619 min  
Delta R.T.: -0.003 min  
Response: 42950712  
Conc: 48.49 ng/ml



#21 Endrin ketone

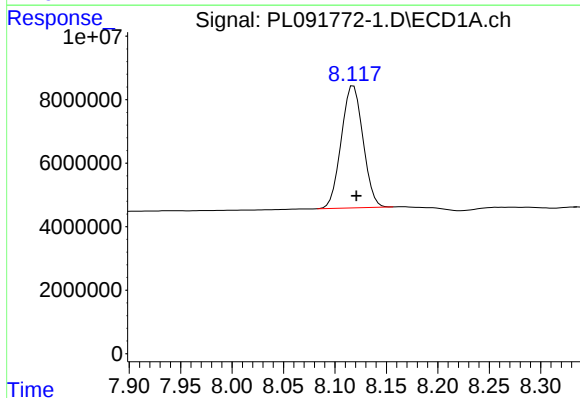
R.T.: 7.645 min  
Delta R.T.: -0.002 min  
Response: 76404643  
Conc: 49.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



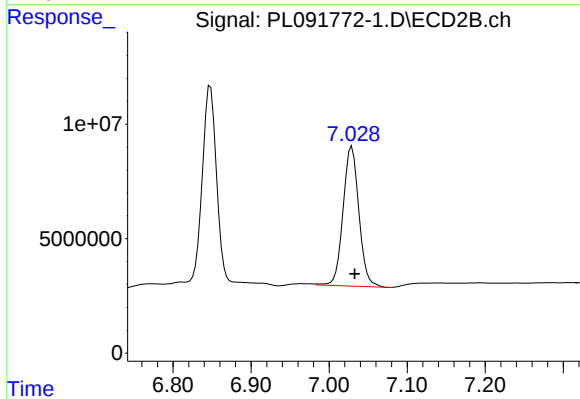
#21 Endrin ketone

R.T.: 6.848 min  
Delta R.T.: -0.003 min  
Response: 107439908  
Conc: 53.42 ng/ml



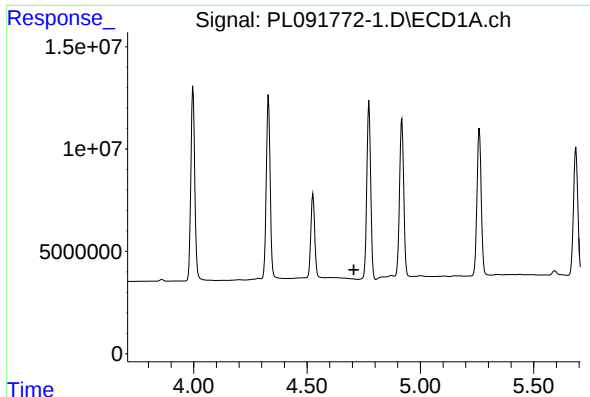
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: -0.003 min  
Response: 56658904  
Conc: 47.32 ng/ml



#22 Mirex

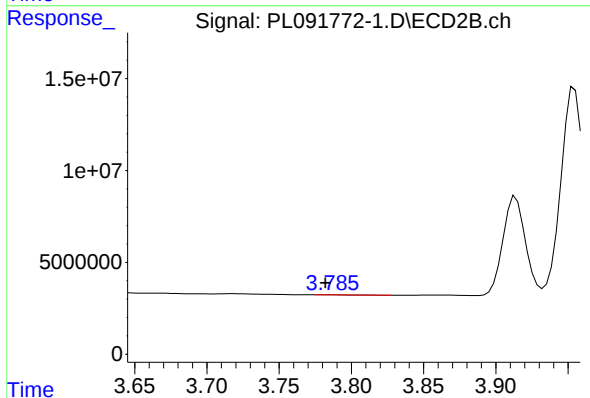
R.T.: 7.029 min  
Delta R.T.: -0.003 min  
Response: 85788695  
Conc: 48.38 ng/ml



#23 Chlordane-1

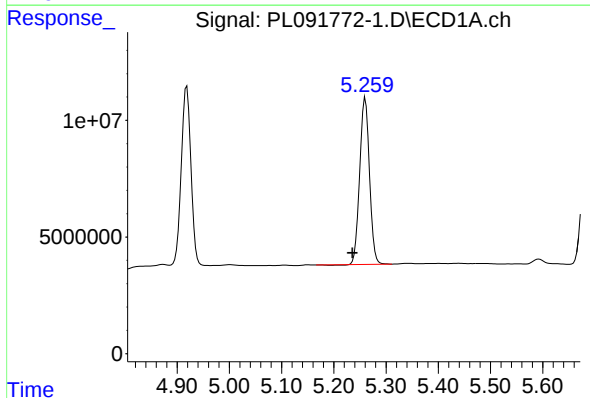
R.T.: 0.000 min  
Exp R.T.: 4.706 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



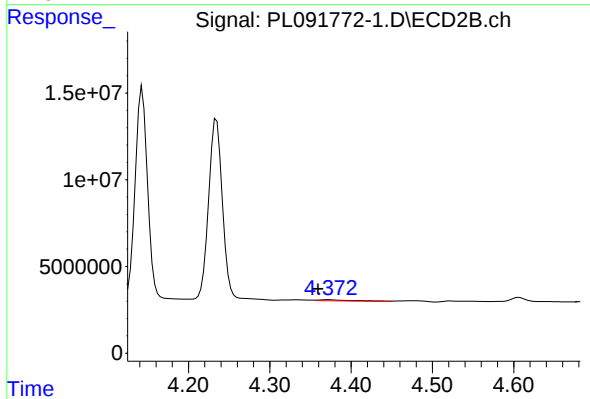
#23 Chlordane-1

R.T.: 3.783 min  
Delta R.T.: 0.000 min  
Response: 70723  
Conc: 1.02 ng/ml



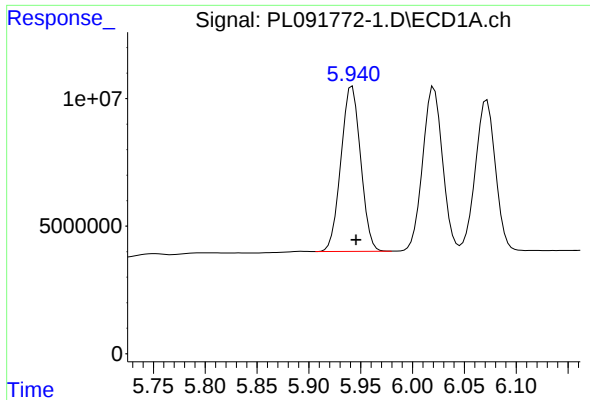
#24 Chlordane-2

R.T.: 5.260 min  
Delta R.T.: 0.025 min  
Response: 92506945  
Conc: 1203.23 ng/ml



#24 Chlordane-2

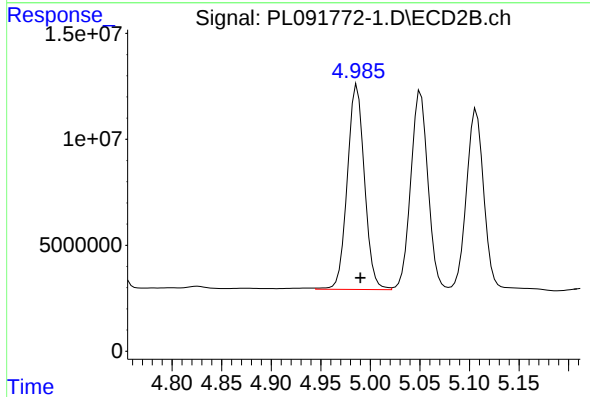
R.T.: 4.372 min  
Delta R.T.: 0.013 min  
Response: 2055128  
Conc: 27.42 ng/ml



#25 Chlordane-3

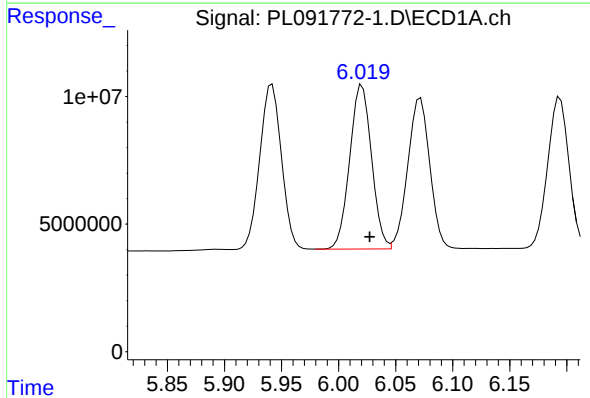
R.T.: 5.942 min  
Delta R.T.: -0.004 min  
Response: 85640146  
Conc: 333.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



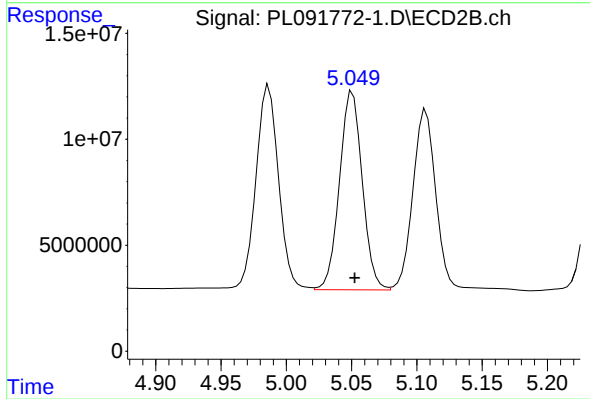
#25 Chlordane-3

R.T.: 4.987 min  
Delta R.T.: -0.003 min  
Response: 116446256  
Conc: 499.47 ng/ml



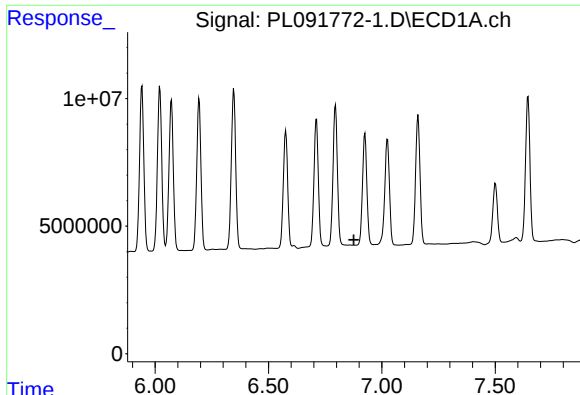
#26 Chlordane-4

R.T.: 6.021 min  
Delta R.T.: -0.007 min  
Response: 85743097  
Conc: 289.52 ng/ml



#26 Chlordane-4

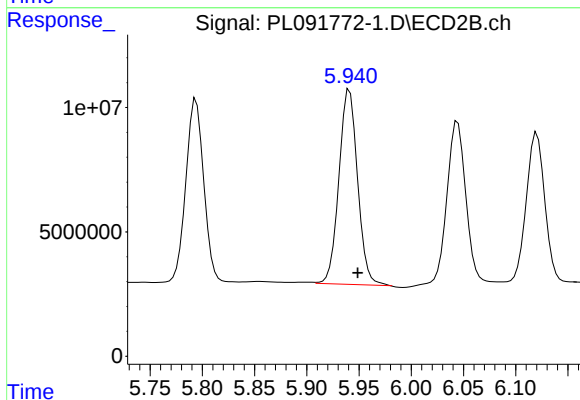
R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 113954314  
Conc: 546.46 ng/ml



#27 Chlordane-5

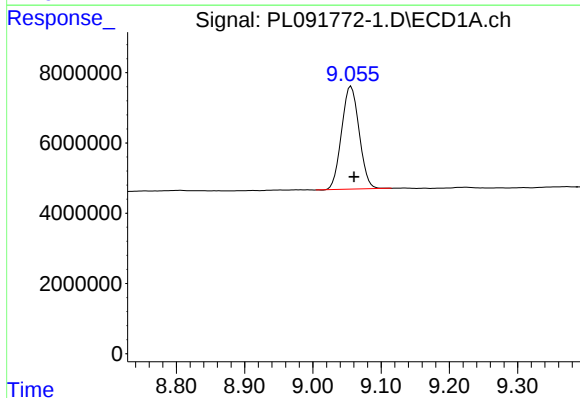
R.T.: 0.000 min  
Exp R.T.: 6.876 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



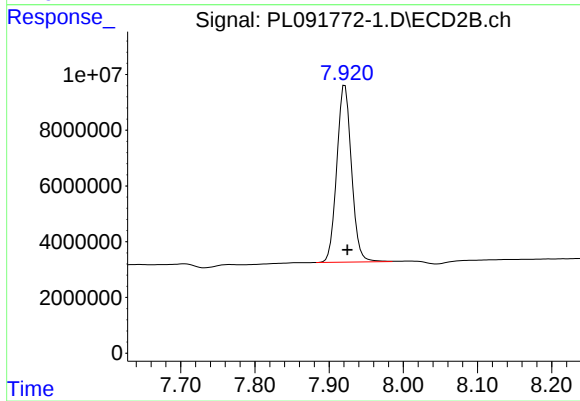
#27 Chlordane-5

R.T.: 5.941 min  
Delta R.T.: -0.008 min  
Response: 97296557  
Conc: 1357.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: -0.004 min  
Response: 52348620  
Conc: 43.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.921 min  
Delta R.T.: -0.003 min  
Response: 87705940  
Conc: 47.50 ng/ml