

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080224\  
 Data File : PL090767.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Aug 2024 18:24  
 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 03 00:39:25 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... | 3.544  | 2.786  | 95182959 | 88316704 | 45.713   | 52.477    |
| 28)                         | SA Decachlor... | 9.054  | 7.926  | 58324398 | 71306972 | 43.891   | 48.904    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.999  | 3.289  | 131.3E6  | 127.2E6  | 44.262   | 52.629    |
| 3)                          | MA gamma-BHC... | 4.331  | 3.619  | 121.3E6  | 117.8E6  | 43.330   | 51.073    |
| 4)                          | MA Heptachlor   | 4.920  | 3.959  | 101.5E6  | 100.1E6  | 39.901   | 45.394    |
| 5)                          | MB Aldrin       | 5.262  | 4.240  | 108.9E6  | 112.7E6  | 43.584   | 52.982    |
| 6)                          | B beta-BHC      | 4.527  | 3.917  | 72488434 | 52093526 | 57.144   | 50.468    |
| 7)                          | B delta-BHC     | 4.774  | 4.147  | 116.2E6  | 115.1E6  | 43.343   | 52.316    |
| 8)                          | B Heptachlo...  | 5.687  | 4.742  | 107.2E6  | 98514614 | 45.630   | 50.510    |
| 9)                          | A Endosulfan I  | 6.072  | 5.111  | 103.6E6  | 89148105 | 48.436   | 48.748    |
| 10)                         | B gamma-Chl...  | 5.942  | 4.992  | 115.0E6  | 102.7E6  | 49.467   | 50.638    |
| 11)                         | B alpha-Chl...  | 6.022  | 5.056  | 105.9E6  | 101.3E6  | 46.121   | 50.112    |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.245  | 95528501 | 93772218 | 47.244   | 52.471    |
| 13)                         | MA Dieldrin     | 6.347  | 5.376  | 105.6E6  | 97575791 | 47.546   | 49.760    |
| 14)                         | MA Endrin       | 6.576  | 5.651  | 81588389 | 76960436 | 44.379   | 44.715    |
| 15)                         | B Endosulfa...  | 6.795  | 5.945  | 92200783 | 83893462 | 46.877   | 49.107    |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.799  | 87880819 | 82444952 | 52.056   | 55.027    |
| 17)                         | MA 4,4'-DDT     | 7.024  | 6.049  | 62941811 | 56425295 | 37.392   | 38.511    |
| 18)                         | B Endrin al...  | 6.924  | 6.125  | 69451847 | 65575093 | 46.813   | 50.190    |
| 19)                         | B Endosulfa...  | 7.159  | 6.347  | 78323936 | 79759028 | 44.598   | 49.463    |
| 20)                         | A Methoxychlor  | 7.499  | 6.624  | 30716770 | 30541883 | 34.790   | 37.774    |
| 21)                         | B Endrin ke...  | 7.644  | 6.853  | 86457806 | 92619501 | 45.290   | 50.681    |
| 22)                         | Mirex           | 8.117  | 7.035  | 63674641 | 72584742 | 44.960   | 48.827    |
| 23)                         | Chlordane-1     | 0.000  | 3.824f | 0        | 16045    | N.D.     | 0.259 #   |
| 24)                         | Chlordane-2     | 5.262f | 4.377  | 108.9E6  | 5703924  | 1063.859 | 75.208 #  |
| 25)                         | Chlordane-3     | 5.942  | 4.992  | 115.0E6  | 102.7E6  | 347.413  | 496.729 # |
| 26)                         | Chlordane-4     | 6.022  | 5.056  | 105.9E6  | 101.3E6  | 265.827  | 517.419 # |
| 27)                         | Chlordane-5     | 0.000  | 5.745  | 0        | 533229   | N.D.     | 8.846 #   |
| -----                       |                 |        |        |          |          |          |           |

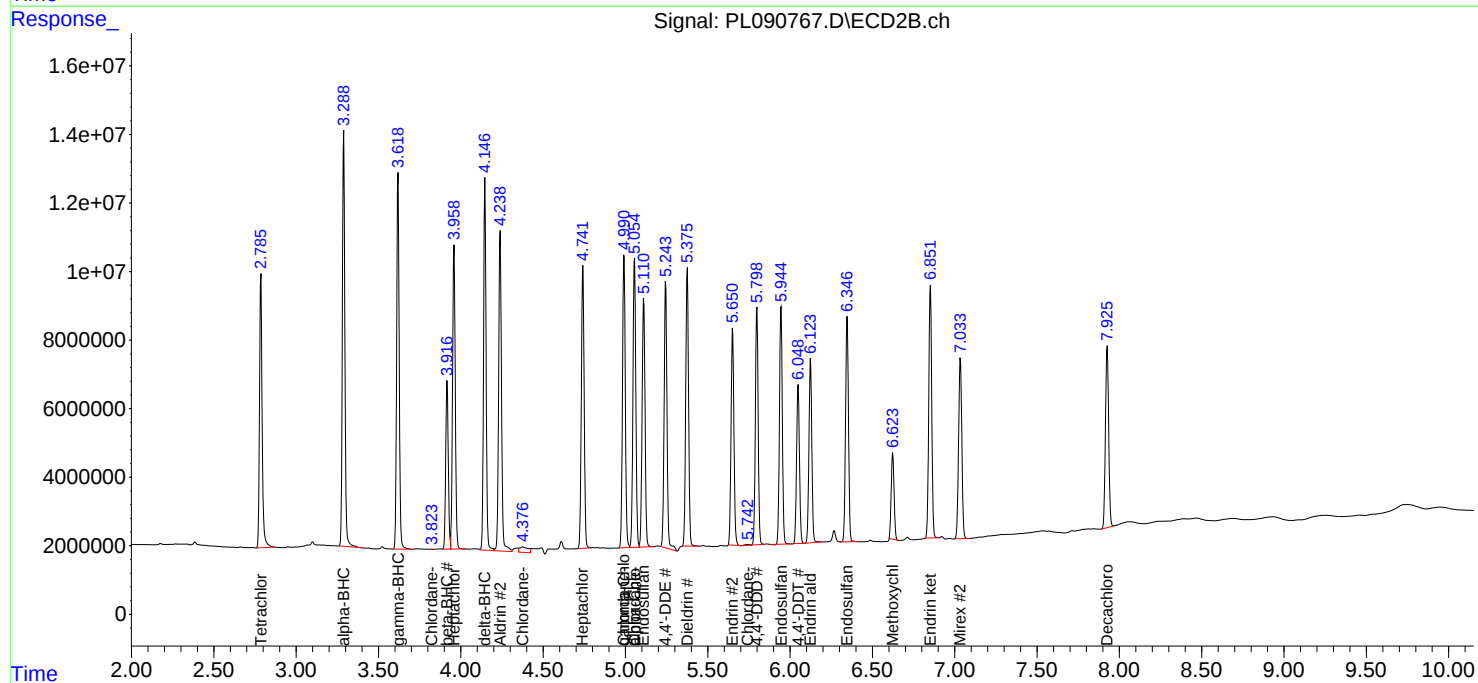
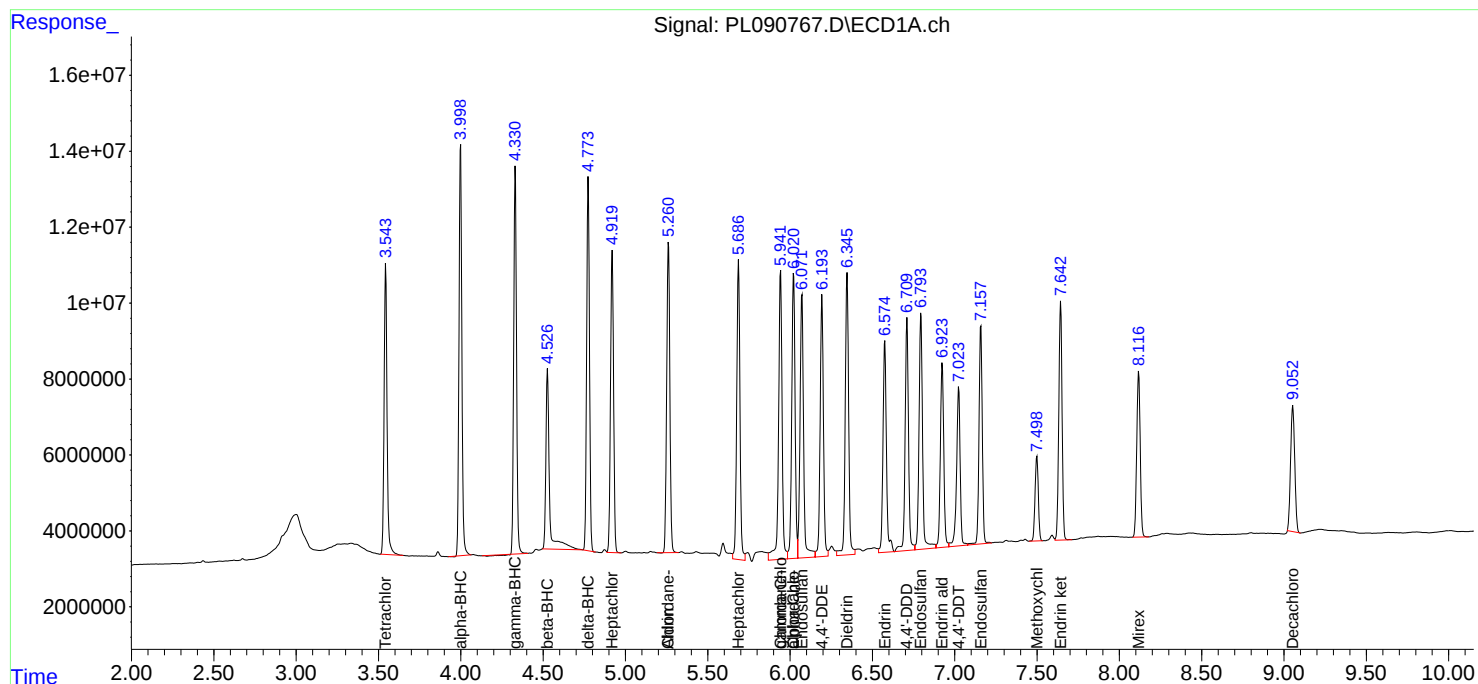
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

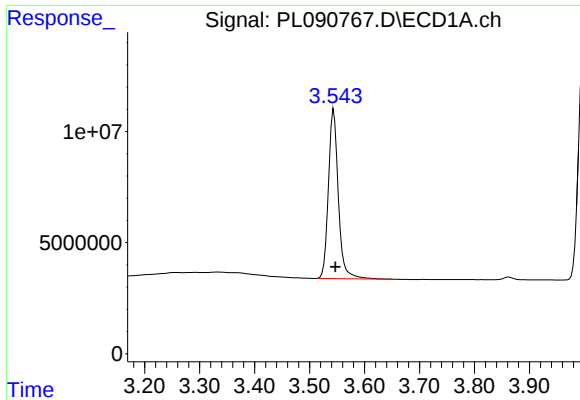
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080224\  
Data File : PL090767.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2024 18:24  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 00:39:25 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

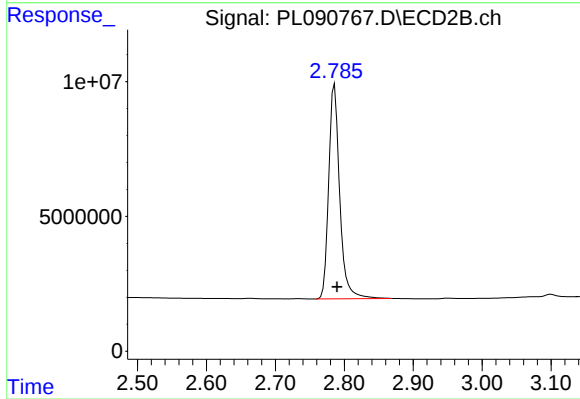




#1 Tetrachloro-m-xylene

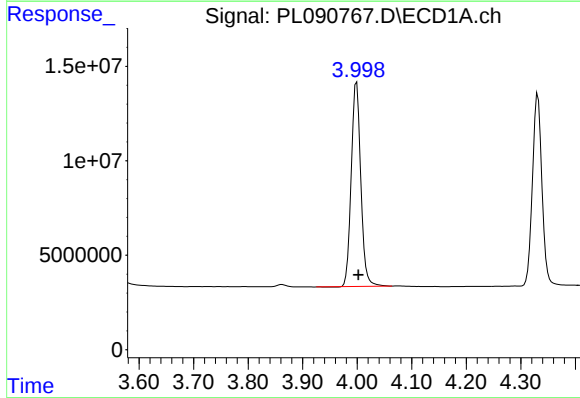
R.T.: 3.544 min  
Delta R.T.: -0.003 min  
Response: 95182959  
Conc: 45.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



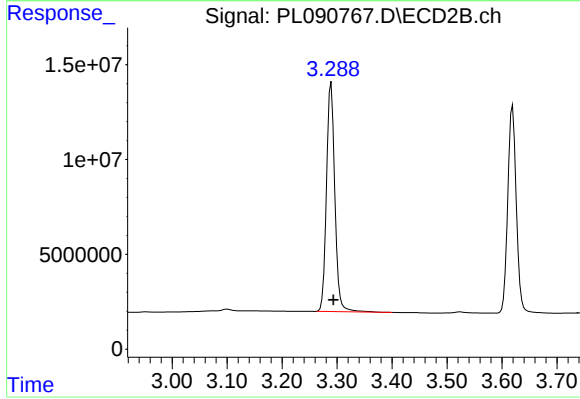
#1 Tetrachloro-m-xylene

R.T.: 2.786 min  
Delta R.T.: -0.004 min  
Response: 88316704  
Conc: 52.48 ng/ml



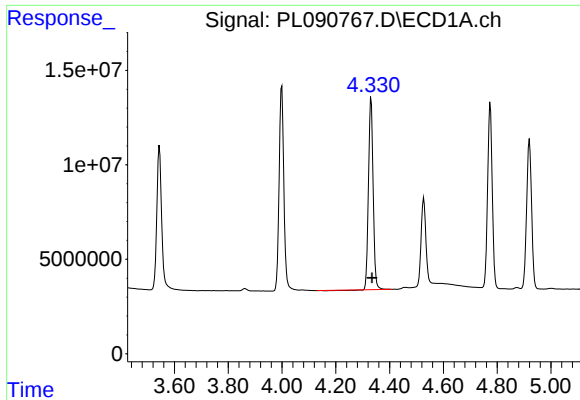
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: -0.003 min  
Response: 131343004  
Conc: 44.26 ng/ml



#2 alpha-BHC

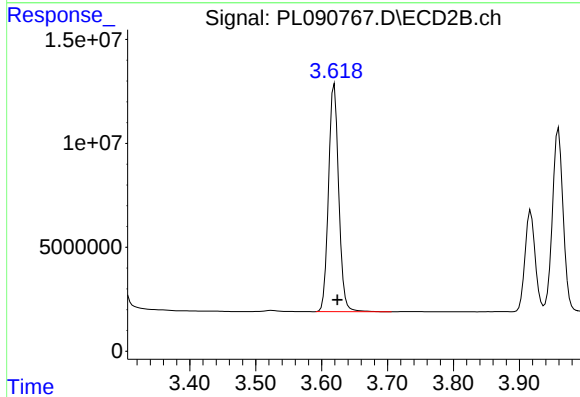
R.T.: 3.289 min  
Delta R.T.: -0.004 min  
Response: 127158208  
Conc: 52.63 ng/ml



#3 gamma-BHC (Lindane)

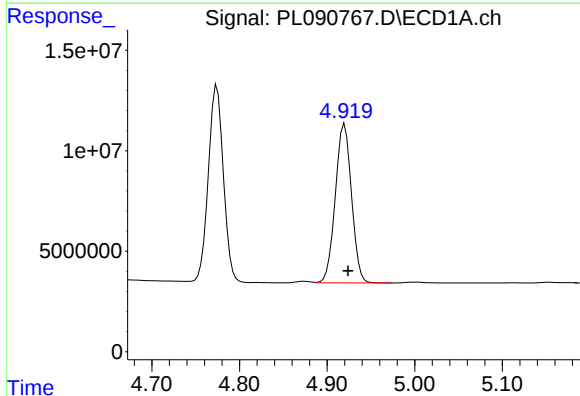
R.T.: 4.331 min  
Delta R.T.: -0.003 min  
Response: 121343999  
Conc: 43.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



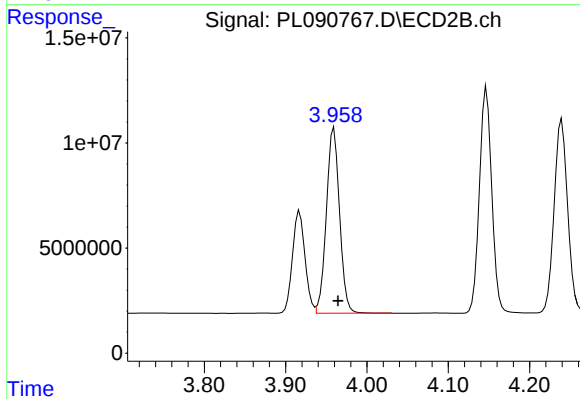
#3 gamma-BHC (Lindane)

R.T.: 3.619 min  
Delta R.T.: -0.004 min  
Response: 117772755  
Conc: 51.07 ng/ml



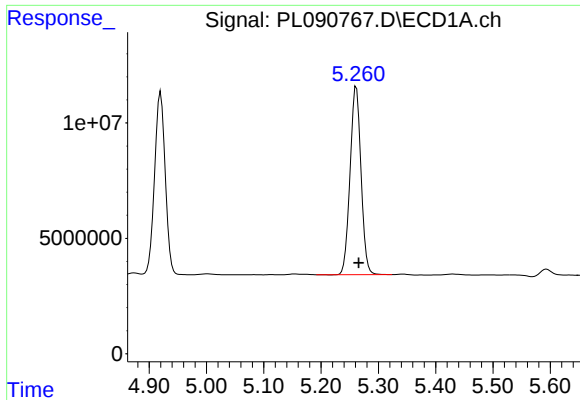
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: -0.004 min  
Response: 101548836  
Conc: 39.90 ng/ml



#4 Heptachlor

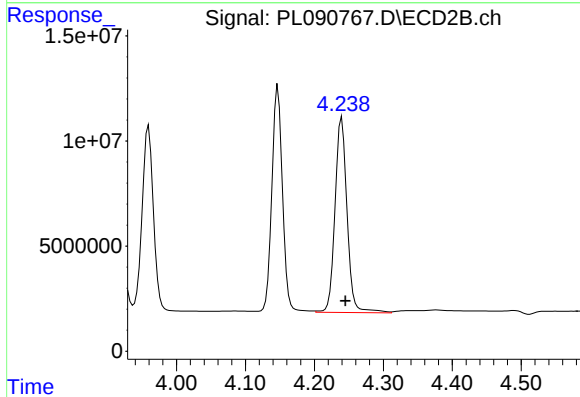
R.T.: 3.959 min  
Delta R.T.: -0.005 min  
Response: 100141555  
Conc: 45.39 ng/ml



#5 Aldrin

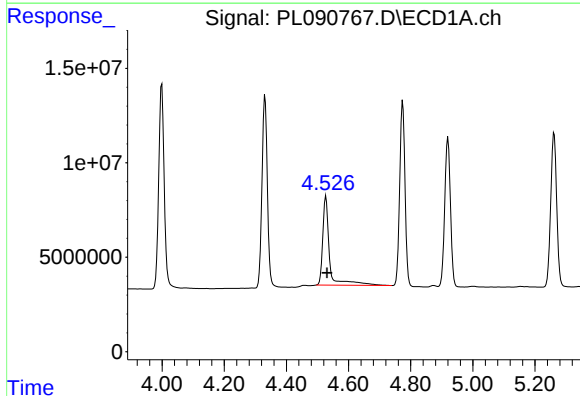
R.T.: 5.262 min  
Delta R.T.: -0.004 min  
Response: 108889373  
Conc: 43.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



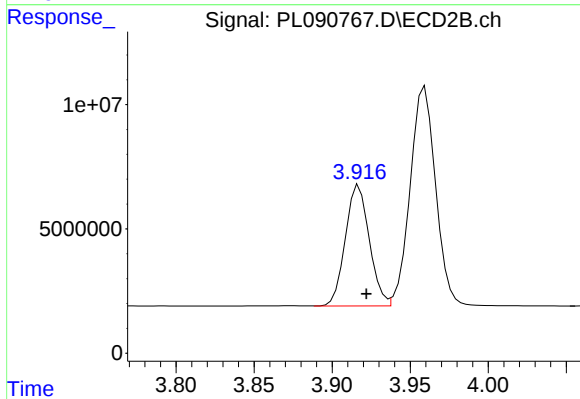
#5 Aldrin

R.T.: 4.240 min  
Delta R.T.: -0.005 min  
Response: 112717286  
Conc: 52.98 ng/ml



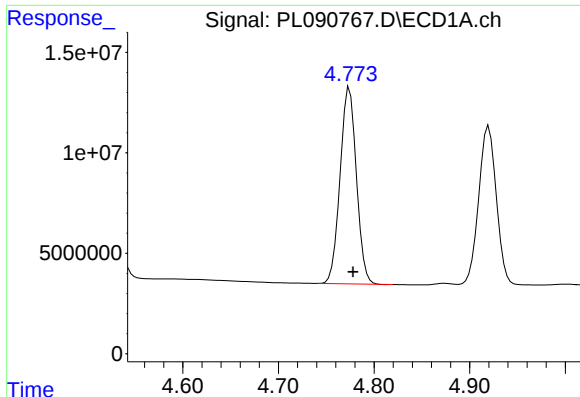
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: -0.004 min  
Response: 72488434  
Conc: 57.14 ng/ml



#6 beta-BHC

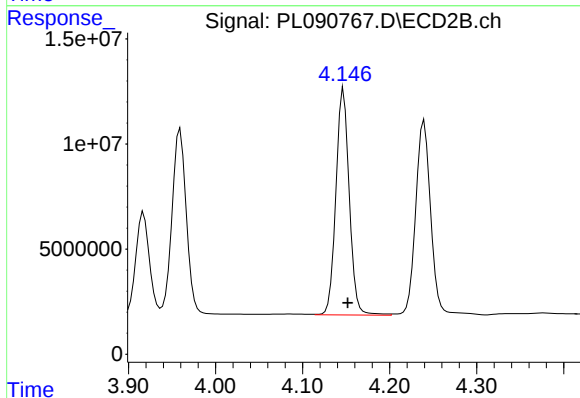
R.T.: 3.917 min  
Delta R.T.: -0.005 min  
Response: 52093526  
Conc: 50.47 ng/ml



#7 delta-BHC

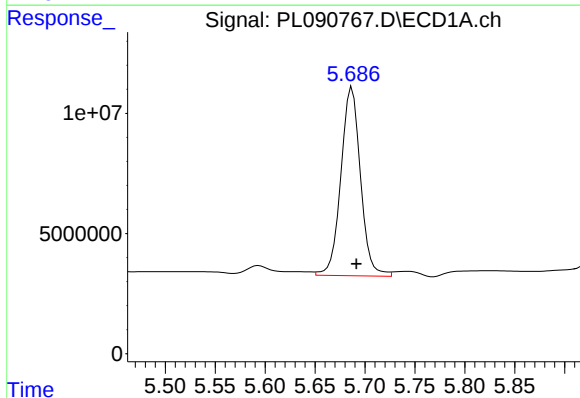
R.T.: 4.774 min  
Delta R.T.: -0.004 min  
Response: 116205400  
Conc: 43.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



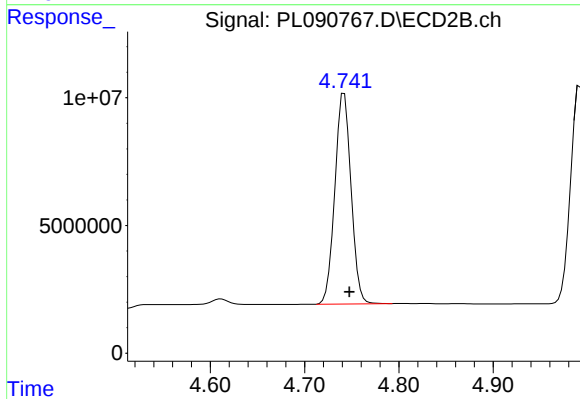
#7 delta-BHC

R.T.: 4.147 min  
Delta R.T.: -0.005 min  
Response: 115081440  
Conc: 52.32 ng/ml



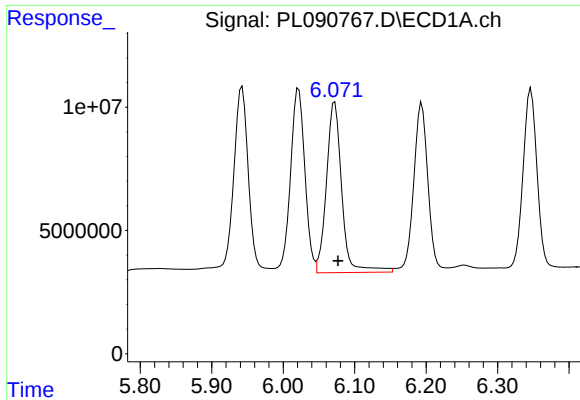
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: -0.004 min  
Response: 107247522  
Conc: 45.63 ng/ml



#8 Heptachlor epoxide

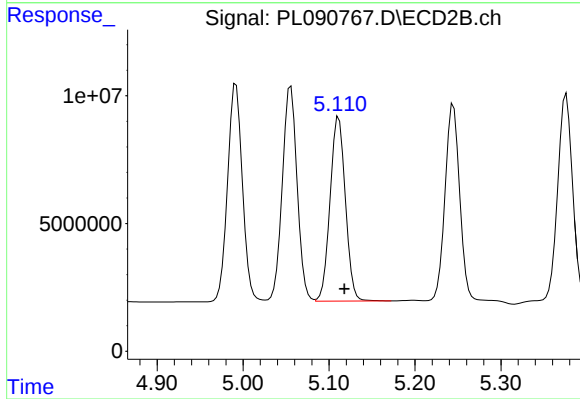
R.T.: 4.742 min  
Delta R.T.: -0.006 min  
Response: 98514614  
Conc: 50.51 ng/ml



#9 Endosulfan I

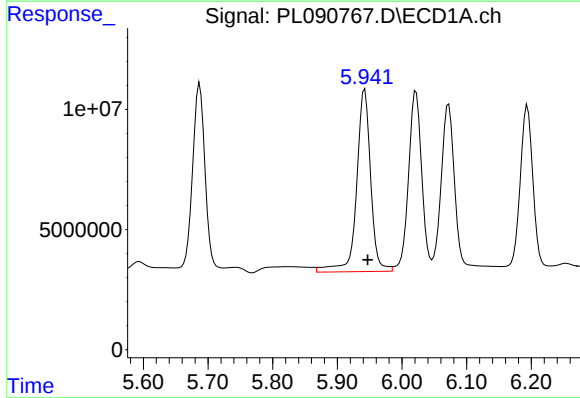
R.T.: 6.072 min  
Delta R.T.: -0.005 min  
Response: 103591109  
Conc: 48.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



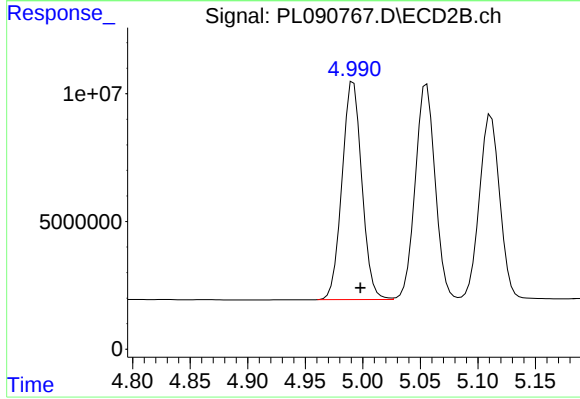
#9 Endosulfan I

R.T.: 5.111 min  
Delta R.T.: -0.006 min  
Response: 89148105  
Conc: 48.75 ng/ml



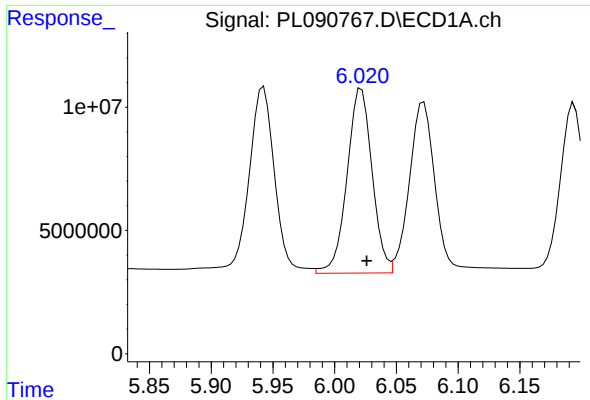
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: -0.005 min  
Response: 115012160  
Conc: 49.47 ng/ml



#10 gamma-Chlordane

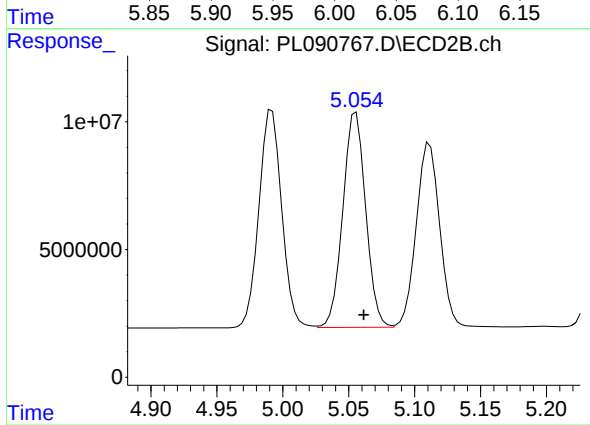
R.T.: 4.992 min  
Delta R.T.: -0.006 min  
Response: 102663999  
Conc: 50.64 ng/ml



#11 alpha-Chlordane

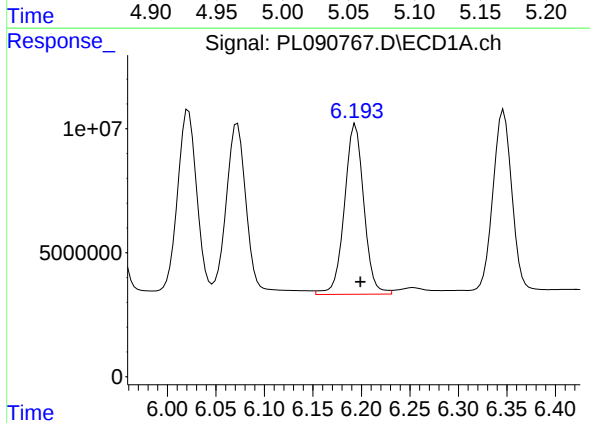
R.T.: 6.022 min  
Delta R.T.: -0.004 min  
Response: 105881220  
Conc: 46.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



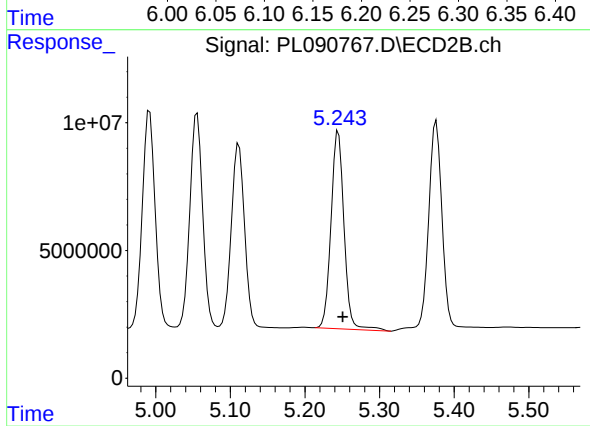
#11 alpha-Chlordane

R.T.: 5.056 min  
Delta R.T.: -0.006 min  
Response: 101257775  
Conc: 50.11 ng/ml



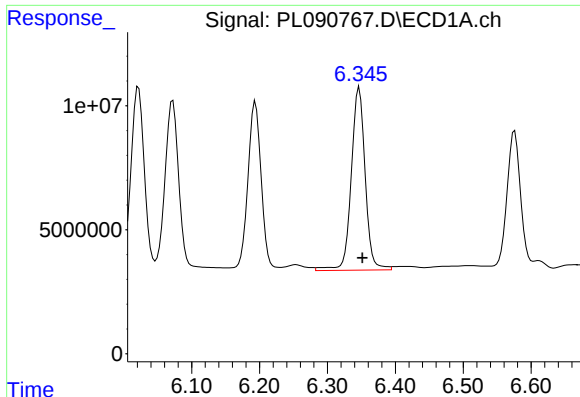
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: -0.005 min  
Response: 95528501  
Conc: 47.24 ng/ml



#12 4,4'-DDE

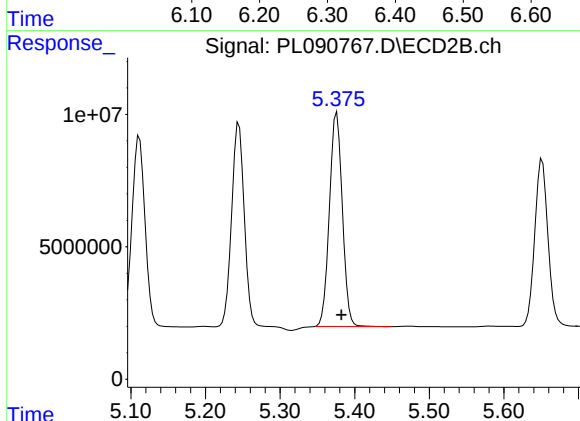
R.T.: 5.245 min  
Delta R.T.: -0.006 min  
Response: 93772218  
Conc: 52.47 ng/ml



#13 Dieldrin

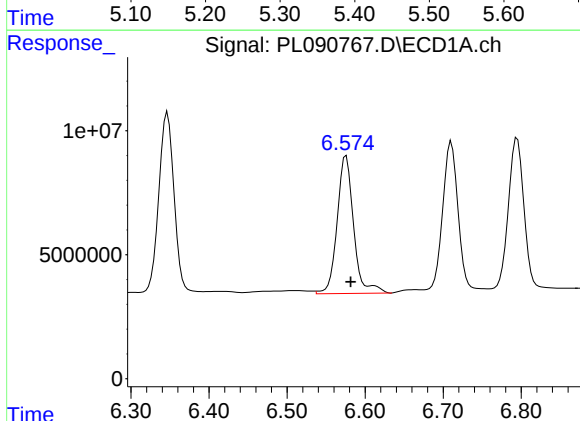
R.T.: 6.347 min  
Delta R.T.: -0.005 min  
Response: 105637588  
Conc: 47.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



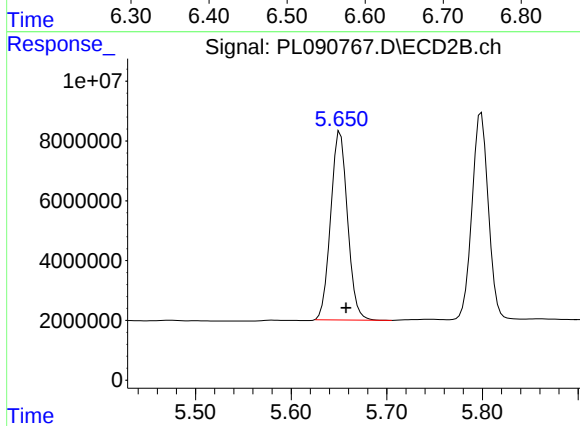
#13 Dieldrin

R.T.: 5.376 min  
Delta R.T.: -0.006 min  
Response: 97575791  
Conc: 49.76 ng/ml



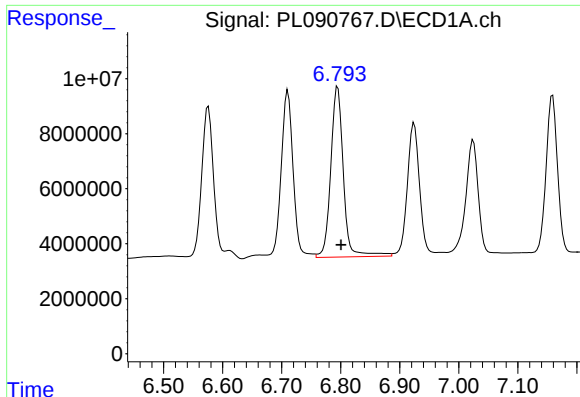
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: -0.006 min  
Response: 81588389  
Conc: 44.38 ng/ml



#14 Endrin

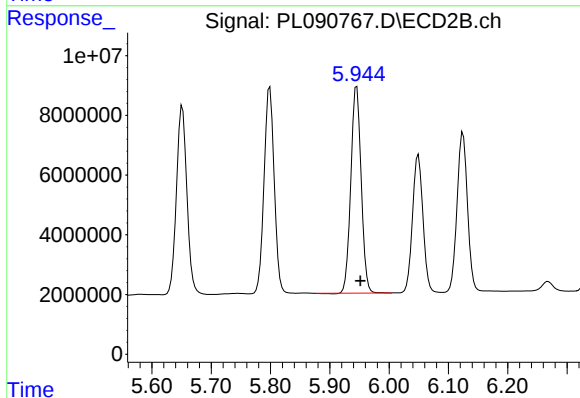
R.T.: 5.651 min  
Delta R.T.: -0.006 min  
Response: 76960436  
Conc: 44.72 ng/ml



#15 Endosulfan II

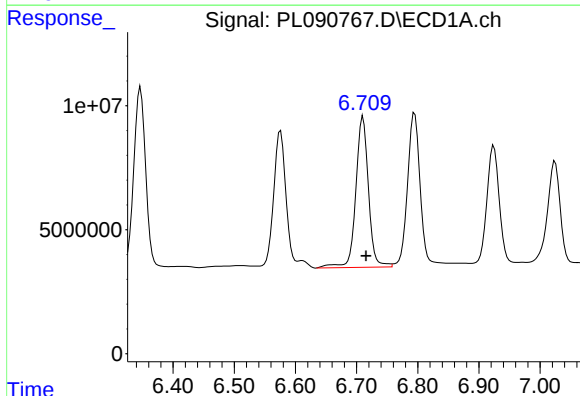
R.T.: 6.795 min  
Delta R.T.: -0.005 min  
Response: 92200783  
Conc: 46.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



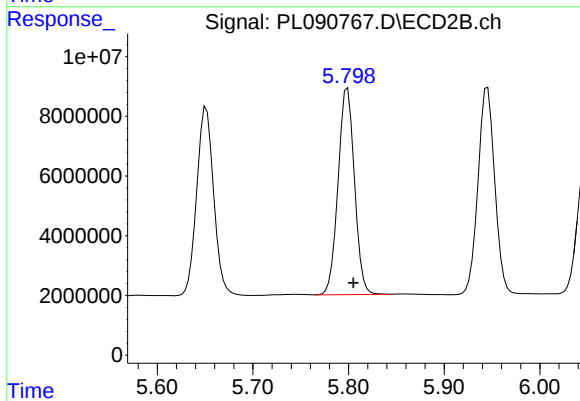
#15 Endosulfan II

R.T.: 5.945 min  
Delta R.T.: -0.006 min  
Response: 83893462  
Conc: 49.11 ng/ml



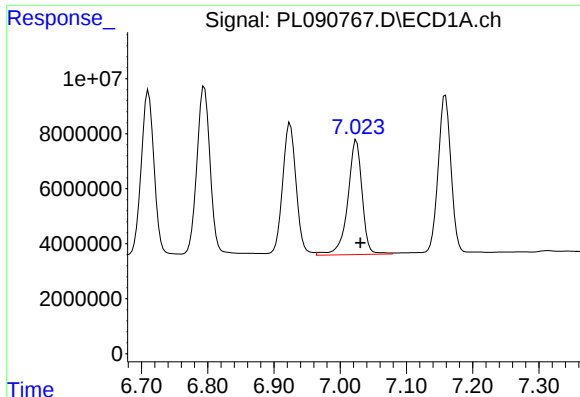
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: -0.005 min  
Response: 87880819  
Conc: 52.06 ng/ml



#16 4,4'-DDD

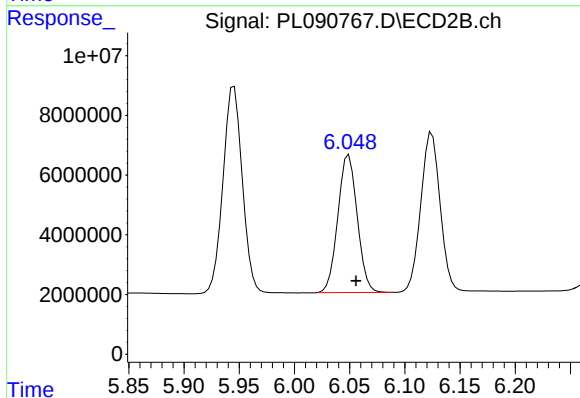
R.T.: 5.799 min  
Delta R.T.: -0.006 min  
Response: 82444952  
Conc: 55.03 ng/ml



#17 4,4'-DDT

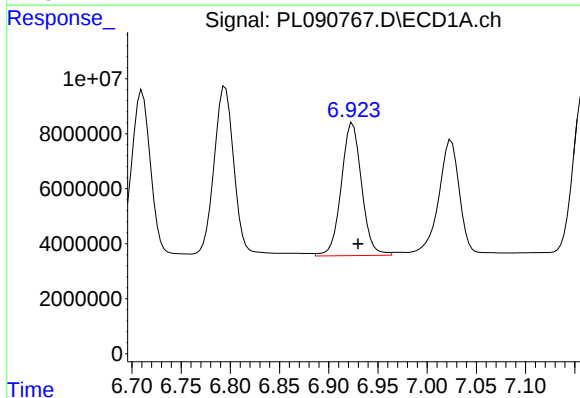
R.T.: 7.024 min  
Delta R.T.: -0.006 min  
Response: 62941811  
Conc: 37.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



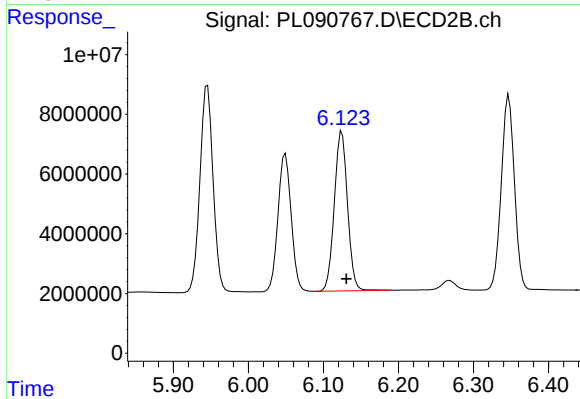
#17 4,4'-DDT

R.T.: 6.049 min  
Delta R.T.: -0.006 min  
Response: 56425295  
Conc: 38.51 ng/ml



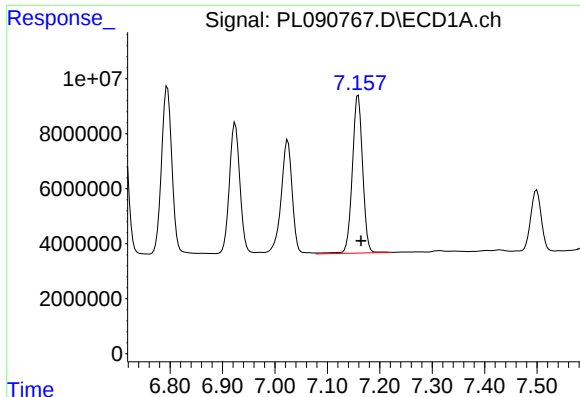
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: -0.006 min  
Response: 69451847  
Conc: 46.81 ng/ml



#18 Endrin aldehyde

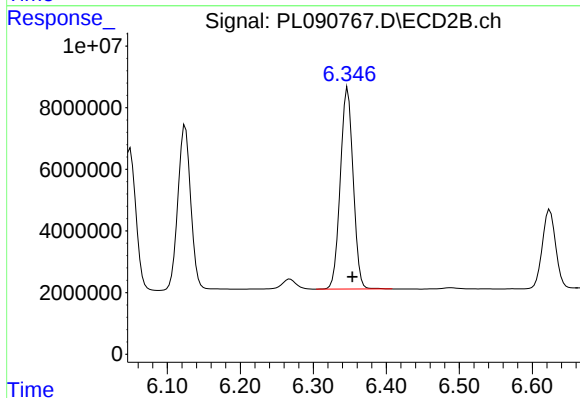
R.T.: 6.125 min  
Delta R.T.: -0.006 min  
Response: 65575093  
Conc: 50.19 ng/ml



#19 Endosulfan Sulfate

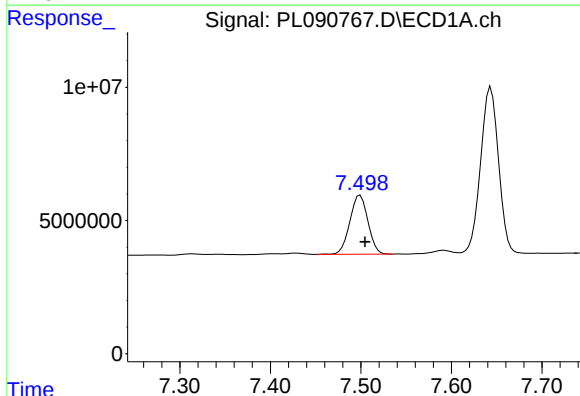
R.T.: 7.159 min  
Delta R.T.: -0.005 min  
Response: 78323936  
Conc: 44.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



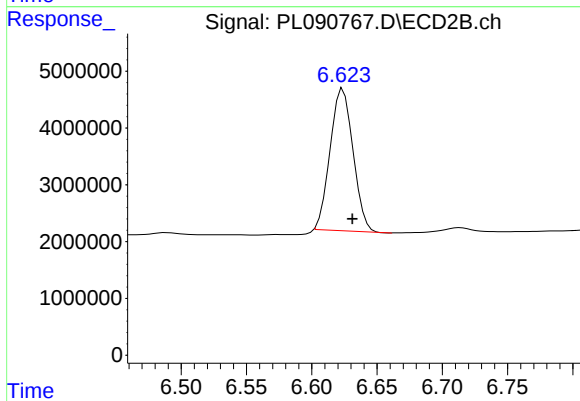
#19 Endosulfan Sulfate

R.T.: 6.347 min  
Delta R.T.: -0.006 min  
Response: 79759028  
Conc: 49.46 ng/ml



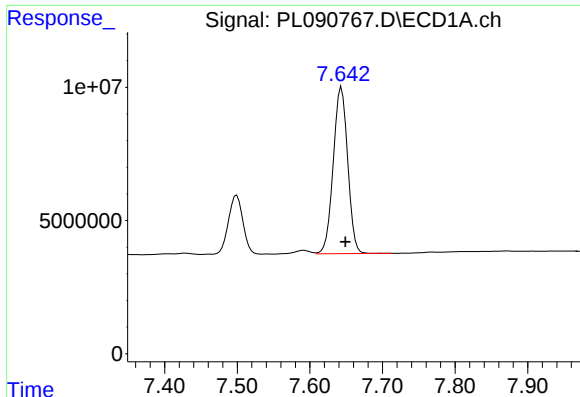
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: -0.005 min  
Response: 30716770  
Conc: 34.79 ng/ml



#20 Methoxychlor

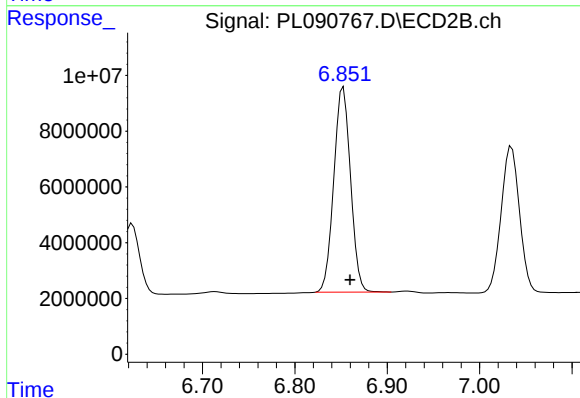
R.T.: 6.624 min  
Delta R.T.: -0.007 min  
Response: 30541883  
Conc: 37.77 ng/ml



#21 Endrin ketone

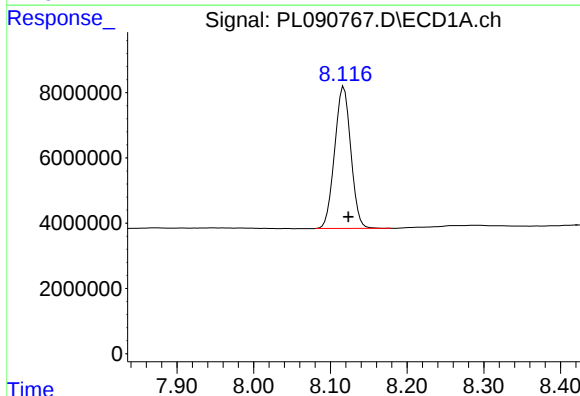
R.T.: 7.644 min  
Delta R.T.: -0.006 min  
Response: 86457806  
Conc: 45.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



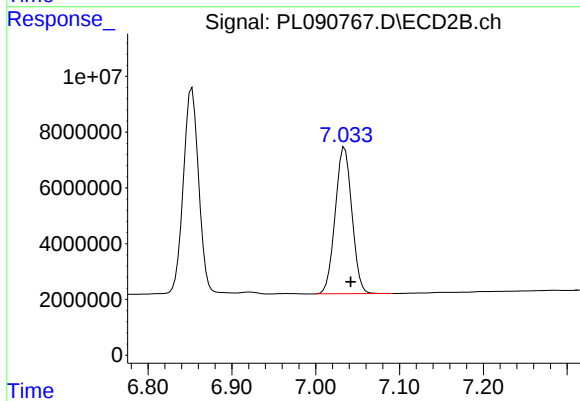
#21 Endrin ketone

R.T.: 6.853 min  
Delta R.T.: -0.007 min  
Response: 92619501  
Conc: 50.68 ng/ml



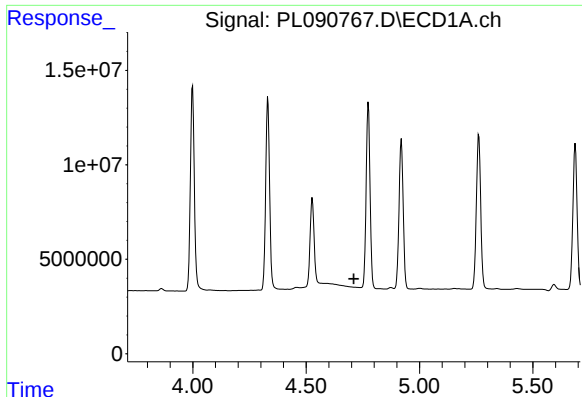
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: -0.006 min  
Response: 63674641  
Conc: 44.96 ng/ml



#22 Mirex

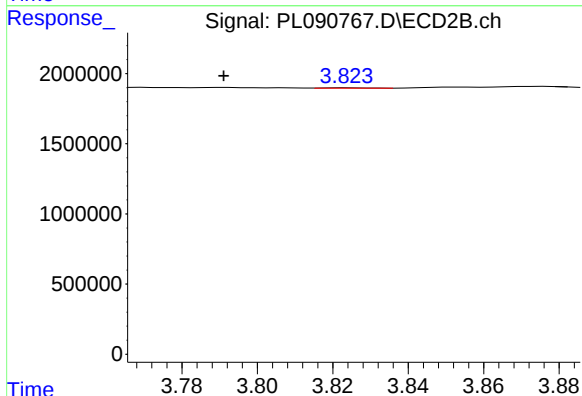
R.T.: 7.035 min  
Delta R.T.: -0.007 min  
Response: 72584742  
Conc: 48.83 ng/ml



#23 Chlordane-1

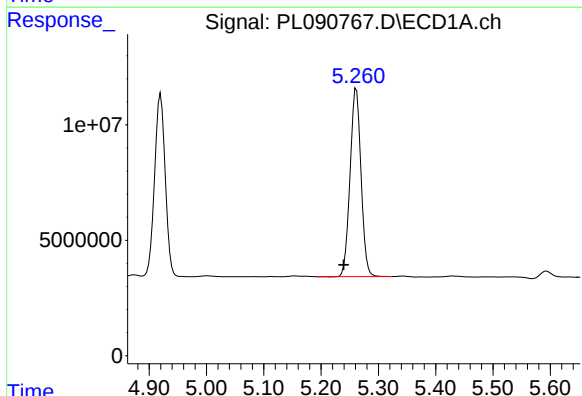
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



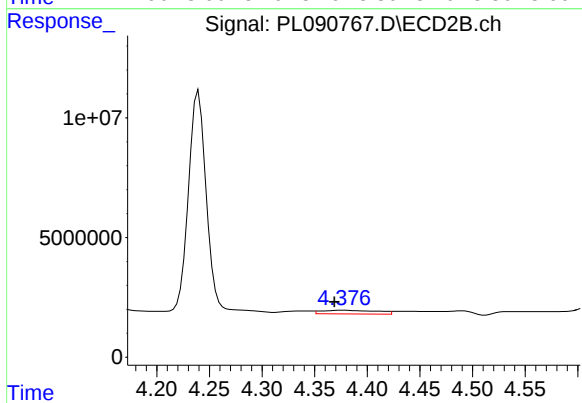
#23 Chlordane-1

R.T.: 3.824 min  
Delta R.T.: 0.033 min  
Response: 16045  
Conc: 0.26 ng/ml



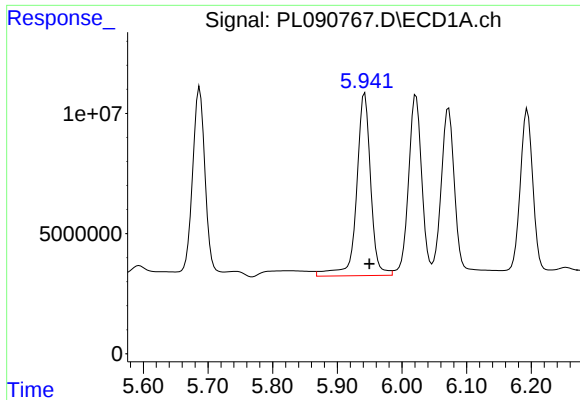
#24 Chlordane-2

R.T.: 5.262 min  
Delta R.T.: 0.022 min  
Response: 108889373  
Conc: 1063.86 ng/ml



#24 Chlordane-2

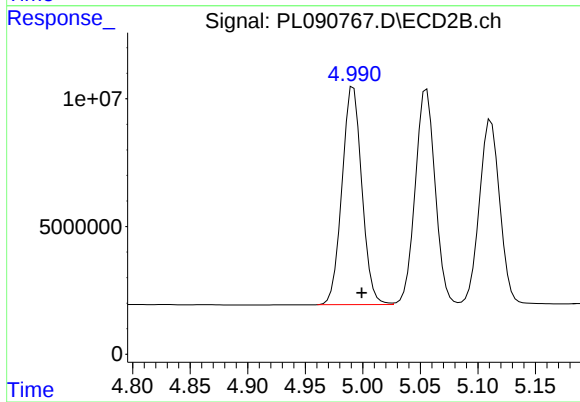
R.T.: 4.377 min  
Delta R.T.: 0.008 min  
Response: 5703924  
Conc: 75.21 ng/ml



#25 Chlordane-3

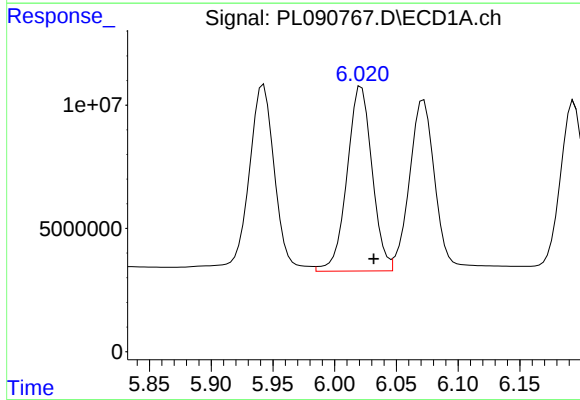
R.T.: 5.942 min  
Delta R.T.: -0.007 min  
Response: 115012160  
Conc: 347.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



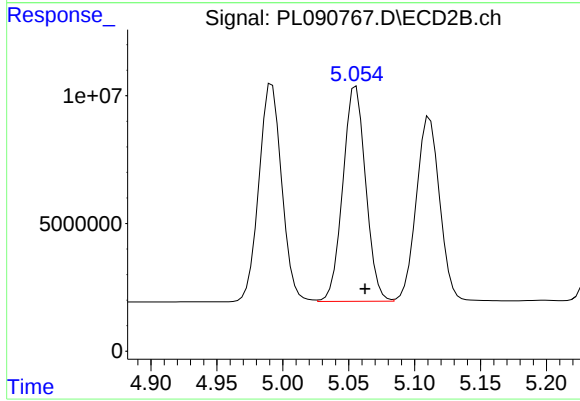
#25 Chlordane-3

R.T.: 4.992 min  
Delta R.T.: -0.007 min  
Response: 102663999  
Conc: 496.73 ng/ml



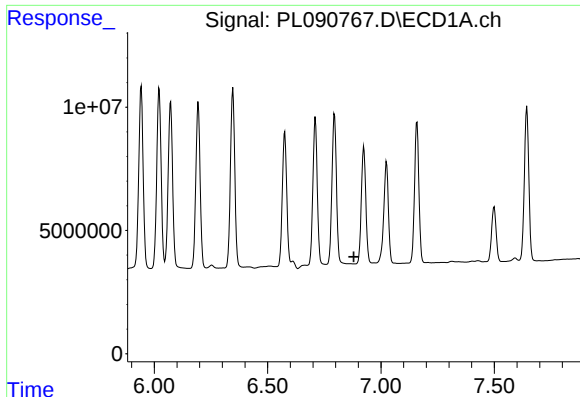
#26 Chlordane-4

R.T.: 6.022 min  
Delta R.T.: -0.010 min  
Response: 105881220  
Conc: 265.83 ng/ml



#26 Chlordane-4

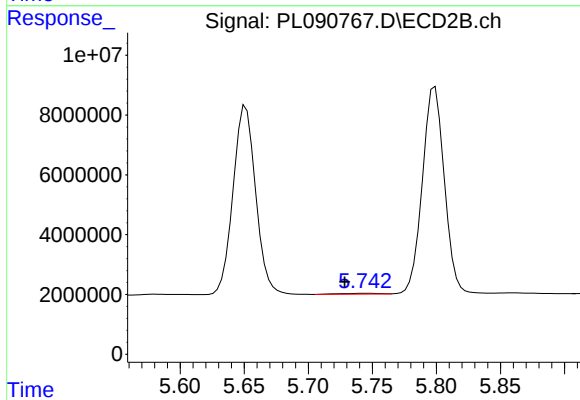
R.T.: 5.056 min  
Delta R.T.: -0.007 min  
Response: 101257775  
Conc: 517.42 ng/ml



#27 Chlordane-5

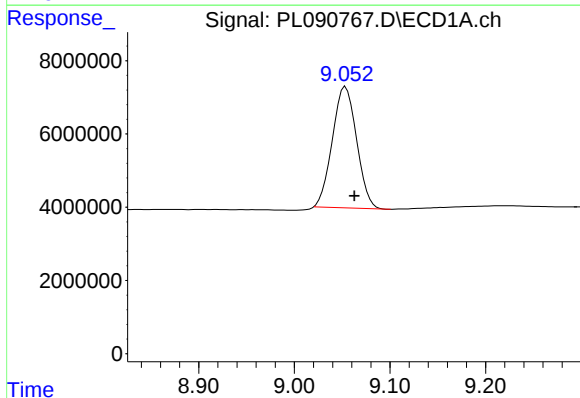
R.T.: 0.000 min  
Exp R.T.: 6.880 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



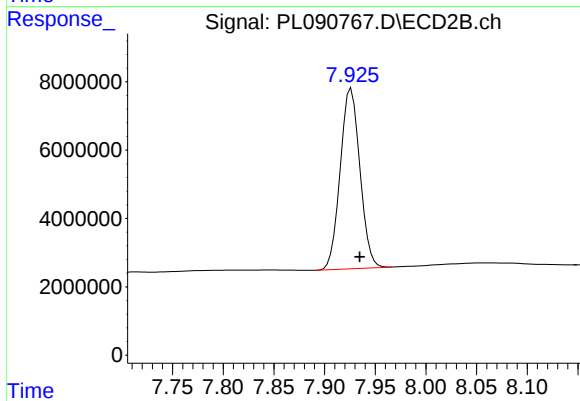
#27 Chlordane-5

R.T.: 5.745 min  
Delta R.T.: 0.017 min  
Response: 533229  
Conc: 8.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min  
Delta R.T.: -0.009 min  
Response: 58324398  
Conc: 43.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.926 min  
Delta R.T.: -0.008 min  
Response: 71306972  
Conc: 48.90 ng/ml