

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080224\  
 Data File : PL090754.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Aug 2024 15:24  
 Operator : AR\AJ  
 Sample : PB162459BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 03 00:34:48 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  | 2.787  | 41388380 | 34705568 | 19.877   | 20.622    |
| 28)                         | SA Decachlor... | 9.057  | 7.928  | 28023007 | 34325291 | 21.088   | 23.541    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.001  | 3.291  | 141.9E6  | 126.1E6  | 47.828   | 52.194    |
| 3)                          | MA gamma-BHC... | 4.333  | 3.621  | 131.0E6  | 121.6E6  | 46.796   | 52.724    |
| 4)                          | MA Heptachlor   | 4.922  | 3.961  | 118.1E6  | 109.1E6  | 46.395   | 49.466    |
| 5)                          | MB Aldrin       | 5.264  | 4.241  | 124.0E6  | 115.9E6  | 49.638   | 54.500    |
| 6)                          | B beta-BHC      | 4.529  | 3.919  | 59564032 | 51530797 | 46.955   | 49.923    |
| 7)                          | B delta-BHC     | 4.777  | 4.149  | 129.7E6  | 118.3E6  | 48.362   | 53.785    |
| 8)                          | B Heptachlo...  | 5.689  | 4.744  | 114.6E6  | 104.9E6  | 48.743   | 53.791    |
| 9)                          | A Endosulfan I  | 6.075  | 5.114  | 104.3E6  | 96593375 | 48.765   | 52.819    |
| 10)                         | B gamma-Chl...  | 5.944  | 4.994  | 112.2E6  | 105.2E6  | 48.240   | 51.897    |
| 11)                         | B alpha-Chl...  | 6.024  | 5.058  | 110.9E6  | 105.1E6  | 48.320   | 52.018    |
| 12)                         | B 4,4'-DDE      | 6.196  | 5.247  | 100.6E6  | 96385654 | 49.738   | 53.933    |
| 13)                         | MA Dieldrin     | 6.349  | 5.378  | 111.7E6  | 104.4E6  | 50.257   | 53.234    |
| 14)                         | MA Endrin       | 6.578  | 5.653  | 84928283 | 79572626 | 46.196   | 46.233    |
| 15)                         | B Endosulfa...  | 6.797  | 5.947  | 98916967 | 90990836 | 50.292   | 53.261    |
| 16)                         | A 4,4'-DDD      | 6.713  | 5.801  | 92315073 | 88147014 | 54.682   | 58.832    |
| 17)                         | MA 4,4'-DDT     | 7.026  | 6.051  | 75989719 | 69112373 | 45.144   | 47.171    |
| 18)                         | B Endrin al...  | 6.927  | 6.126  | 80328118 | 74776328 | 54.144   | 57.232    |
| 19)                         | B Endosulfa...  | 7.162  | 6.348  | 90418830 | 88151233 | 51.485   | 54.667    |
| 20)                         | A Methoxychlor  | 7.502  | 6.626  | 41889262 | 38059675 | 47.444   | 47.072    |
| 21)                         | B Endrin ke...  | 7.646  | 6.854  | 106.6E6  | 108.5E6  | 55.857   | 59.381    |
| 22)                         | Mirex           | 8.119  | 7.036  | 74284668 | 79403938 | 52.452   | 53.414    |
| 23)                         | Chlordane-1     | 0.000  | 3.785  | 0        | 27922    | N.D.     | 0.451 #   |
| 24)                         | Chlordane-2     | 5.264f | 4.378  | 124.0E6  | 768231   | 1211.642 | 10.129 #  |
| 25)                         | Chlordane-3     | 5.944  | 4.994  | 112.2E6  | 105.2E6  | 338.796  | 509.079 # |
| 26)                         | Chlordane-4     | 6.024  | 5.058  | 110.9E6  | 105.1E6  | 278.501  | 537.095 # |
| 27)                         | Chlordane-5     | 0.000  | 5.752f | 0        | 400407   | N.D.     | 6.643 #   |
| -----                       |                 |        |        |          |          |          |           |

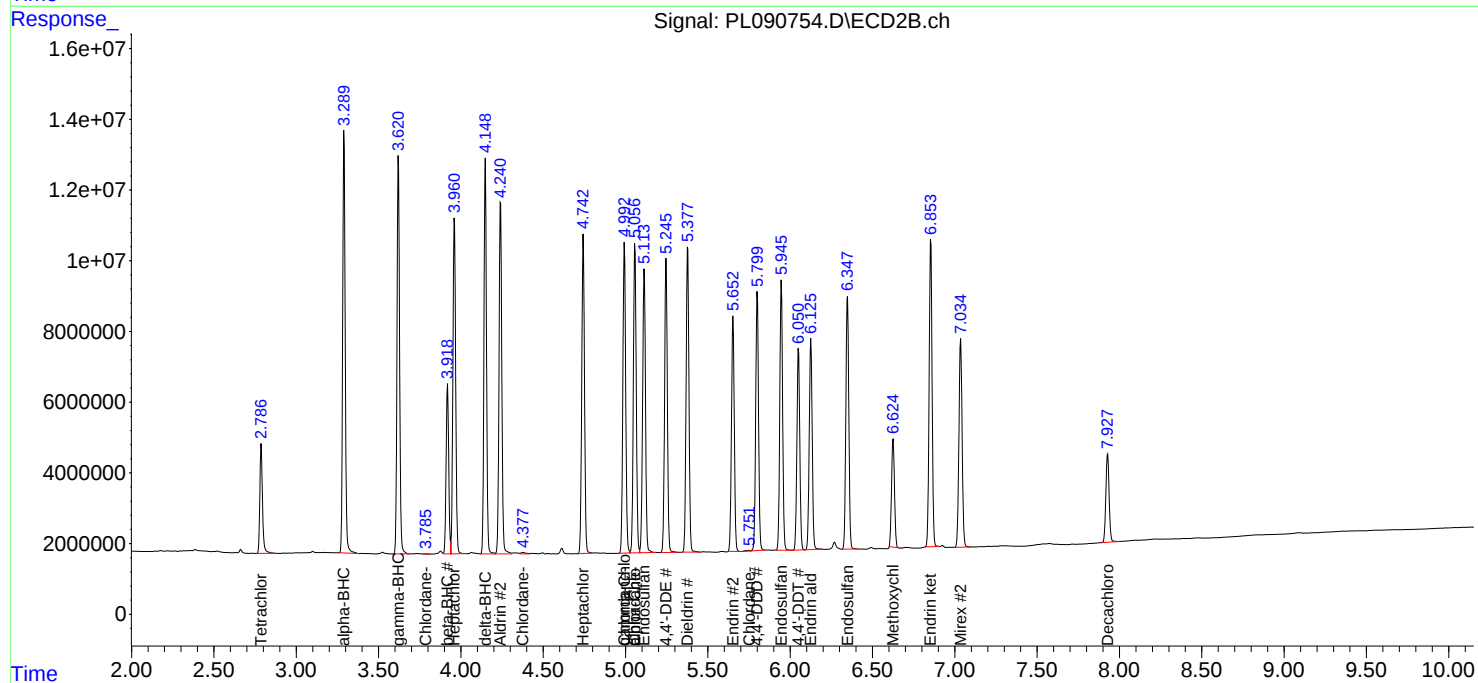
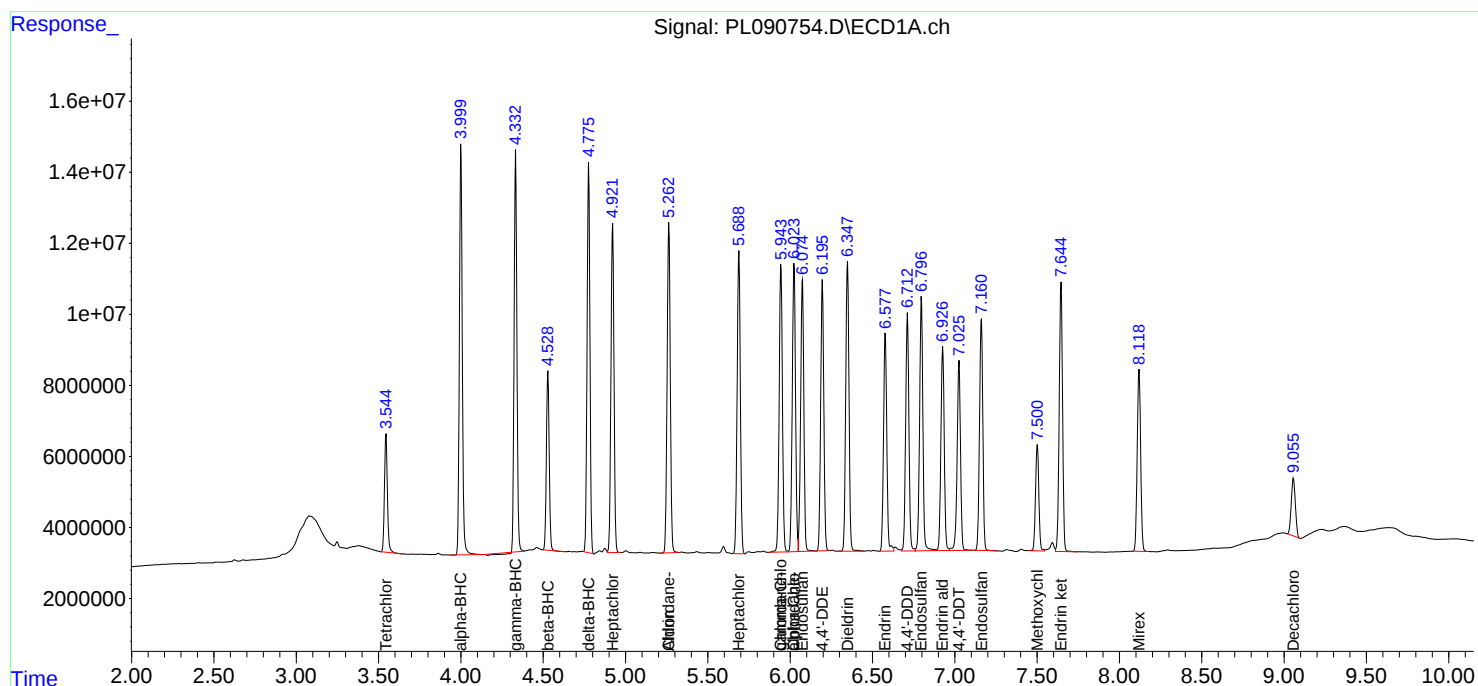
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

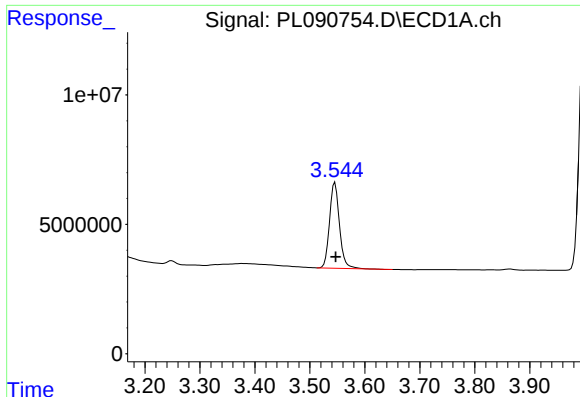
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080224\  
Data File : PL090754.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2024 15:24  
Operator : AR\AJ  
Sample : PB162459BS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 00:34:28 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

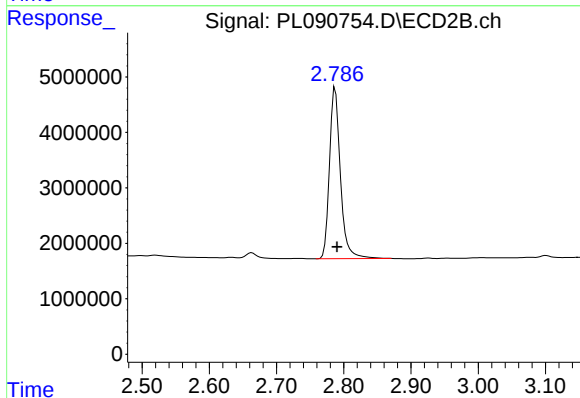




#1 Tetrachloro-m-xylene

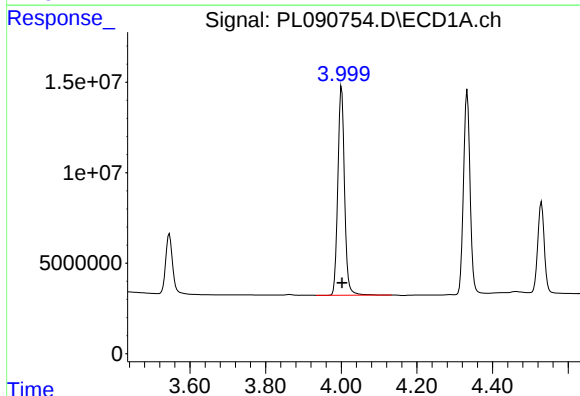
R.T.: 3.546 min  
Delta R.T.: -0.001 min  
Response: 41388380  
Conc: 19.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



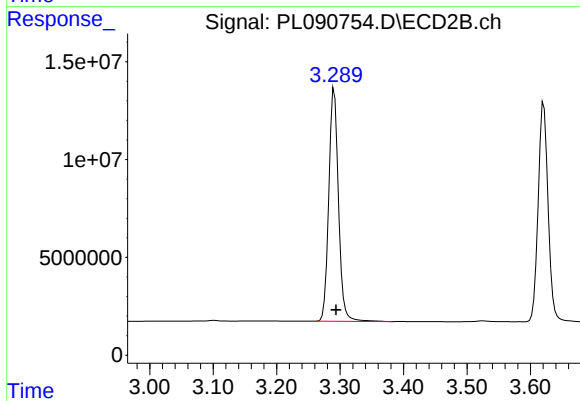
#1 Tetrachloro-m-xylene

R.T.: 2.787 min  
Delta R.T.: -0.002 min  
Response: 34705568  
Conc: 20.62 ng/ml



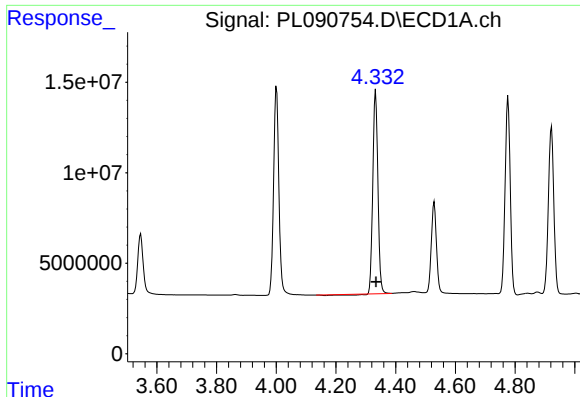
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: -0.002 min  
Response: 141922976  
Conc: 47.83 ng/ml



#2 alpha-BHC

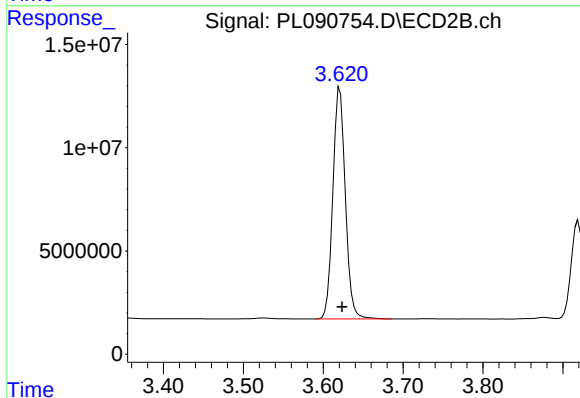
R.T.: 3.291 min  
Delta R.T.: -0.003 min  
Response: 126106070  
Conc: 52.19 ng/ml



#3 gamma-BHC (Lindane)

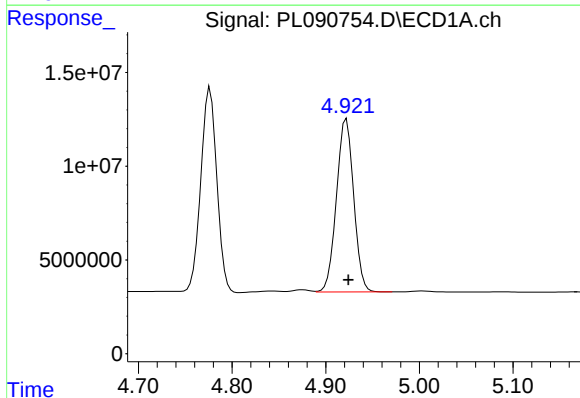
R.T.: 4.333 min  
Delta R.T.: -0.002 min  
Response: 131049879  
Conc: 46.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



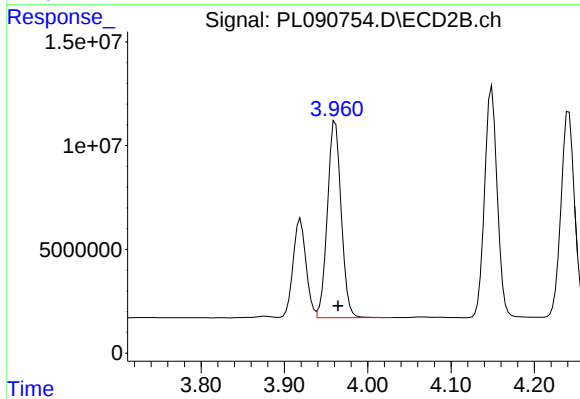
#3 gamma-BHC (Lindane)

R.T.: 3.621 min  
Delta R.T.: -0.003 min  
Response: 121579413  
Conc: 52.72 ng/ml



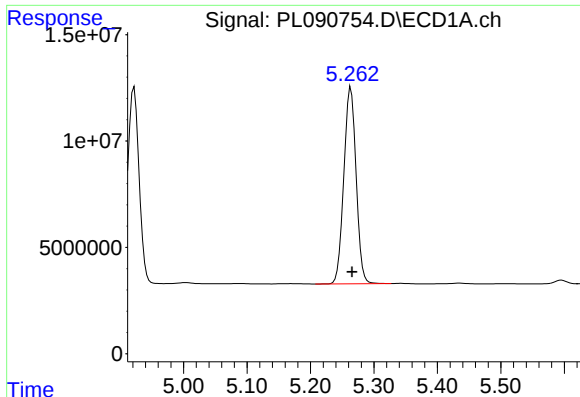
#4 Heptachlor

R.T.: 4.922 min  
Delta R.T.: -0.002 min  
Response: 118076960  
Conc: 46.39 ng/ml



#4 Heptachlor

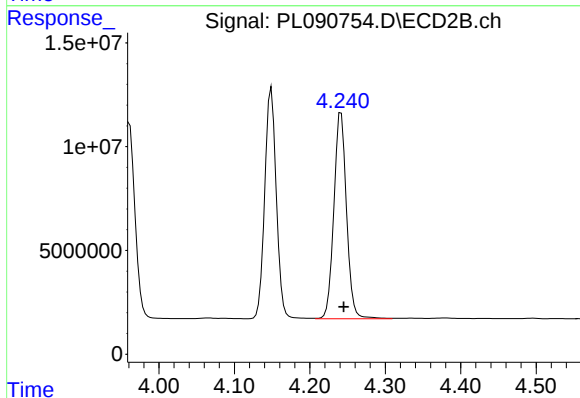
R.T.: 3.961 min  
Delta R.T.: -0.003 min  
Response: 109124071  
Conc: 49.47 ng/ml



#5 Aldrin

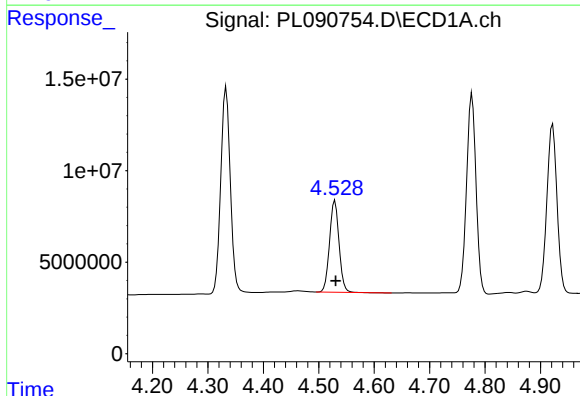
R.T.: 5.264 min  
Delta R.T.: -0.002 min  
Response: 124015409  
Conc: 49.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



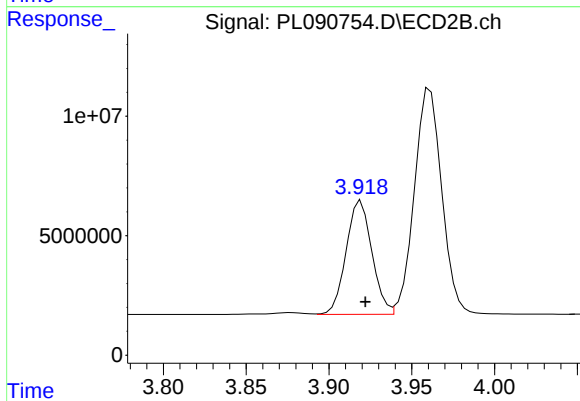
#5 Aldrin

R.T.: 4.241 min  
Delta R.T.: -0.004 min  
Response: 115947312  
Conc: 54.50 ng/ml



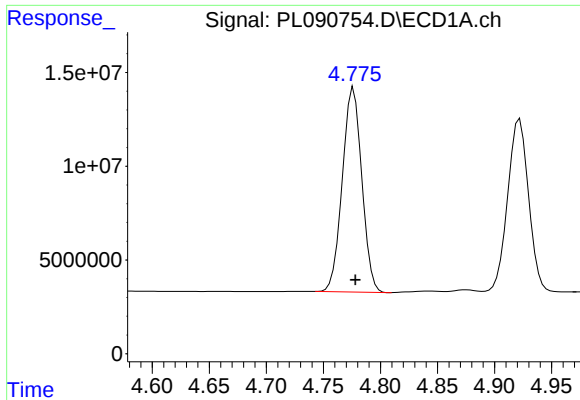
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: -0.001 min  
Response: 59564032  
Conc: 46.96 ng/ml



#6 beta-BHC

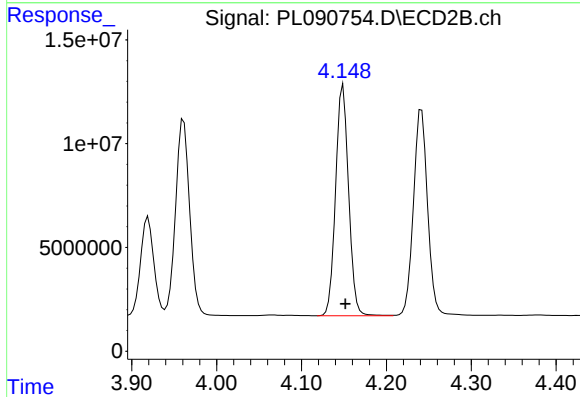
R.T.: 3.919 min  
Delta R.T.: -0.003 min  
Response: 51530797  
Conc: 49.92 ng/ml



#7 delta-BHC

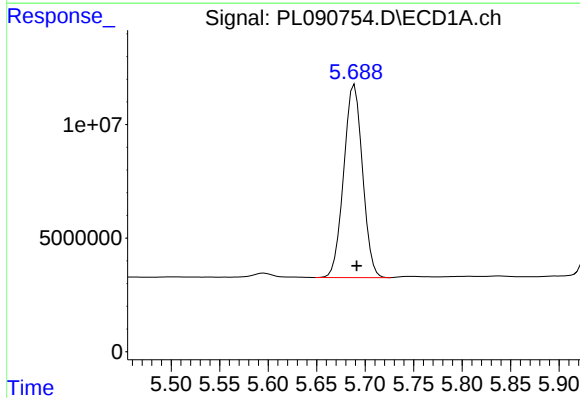
R.T.: 4.777 min  
Delta R.T.: -0.002 min  
Response: 129662885  
Conc: 48.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



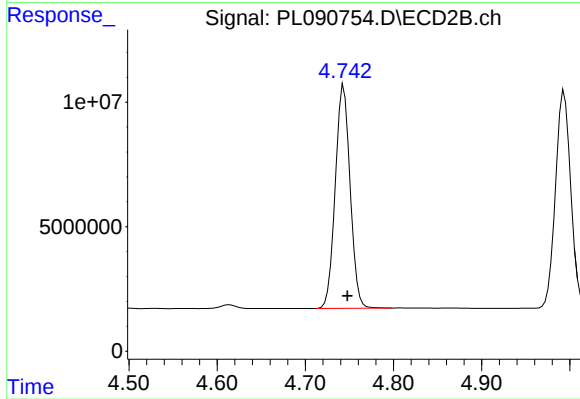
#7 delta-BHC

R.T.: 4.149 min  
Delta R.T.: -0.003 min  
Response: 118314367  
Conc: 53.79 ng/ml



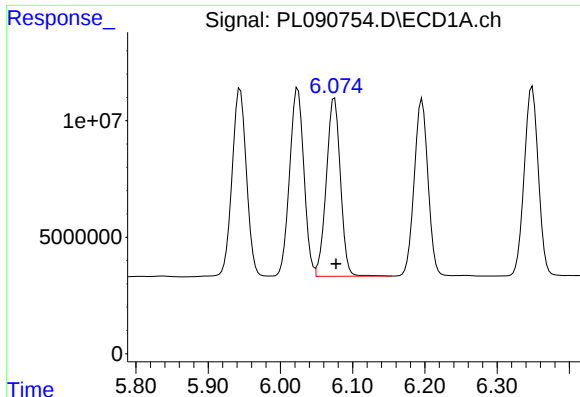
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: -0.002 min  
Response: 114565628  
Conc: 48.74 ng/ml



#8 Heptachlor epoxide

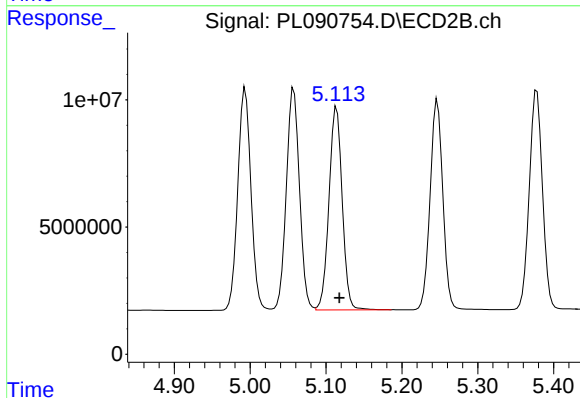
R.T.: 4.744 min  
Delta R.T.: -0.004 min  
Response: 104912141  
Conc: 53.79 ng/ml



#9 Endosulfan I

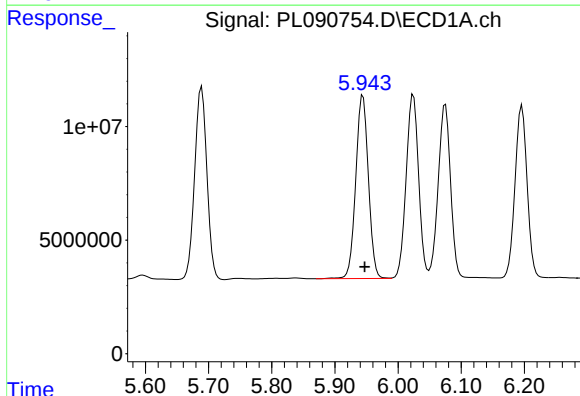
R.T.: 6.075 min  
Delta R.T.: -0.002 min  
Response: 104294078  
Conc: 48.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



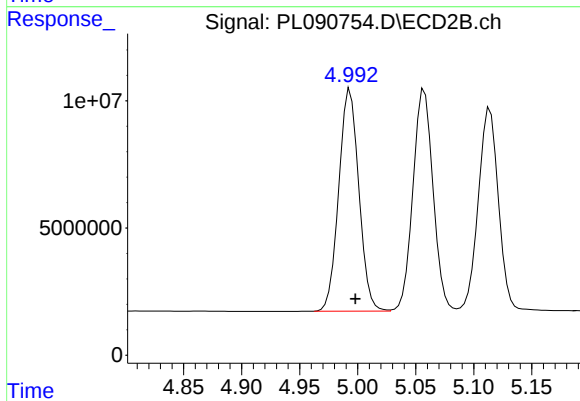
#9 Endosulfan I

R.T.: 5.114 min  
Delta R.T.: -0.004 min  
Response: 96593375  
Conc: 52.82 ng/ml



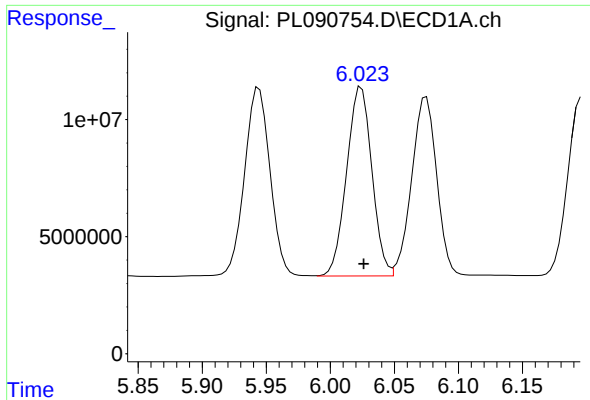
#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: -0.003 min  
Response: 112159596  
Conc: 48.24 ng/ml



#10 gamma-Chlordane

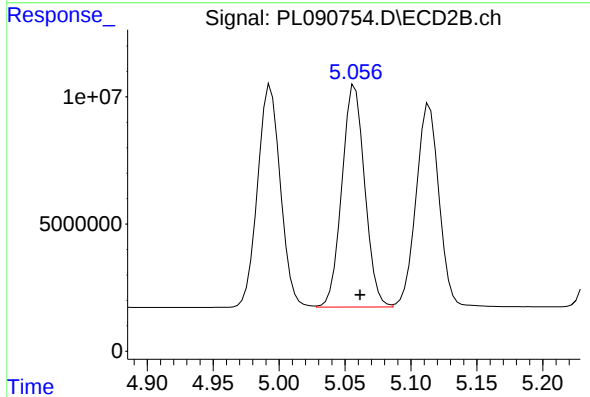
R.T.: 4.994 min  
Delta R.T.: -0.004 min  
Response: 105216343  
Conc: 51.90 ng/ml



#11 alpha-Chlordane

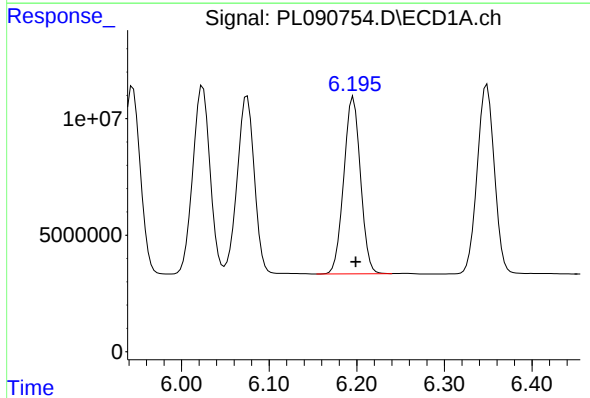
R.T.: 6.024 min  
Delta R.T.: -0.002 min  
Response: 110929333  
Conc: 48.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



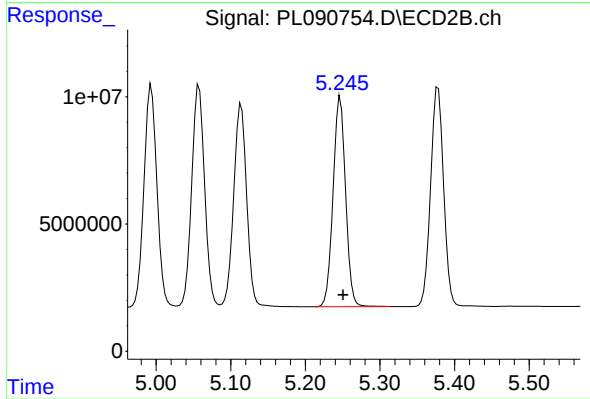
#11 alpha-Chlordane

R.T.: 5.058 min  
Delta R.T.: -0.004 min  
Response: 105108312  
Conc: 52.02 ng/ml



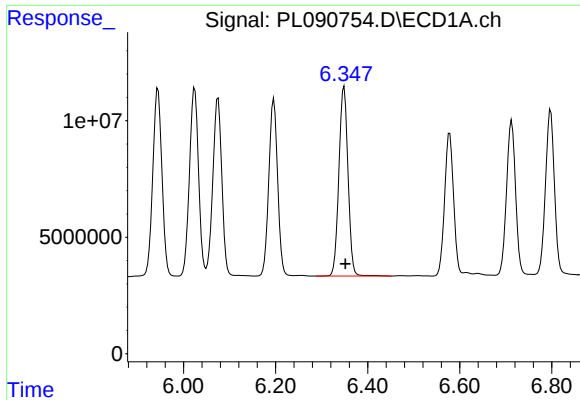
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: -0.003 min  
Response: 100570409  
Conc: 49.74 ng/ml



#12 4,4'-DDE

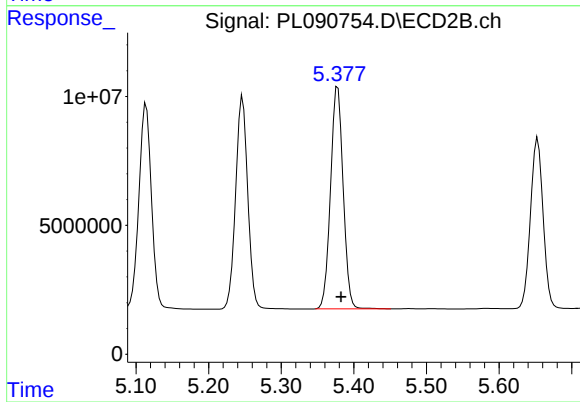
R.T.: 5.247 min  
Delta R.T.: -0.004 min  
Response: 96385654  
Conc: 53.93 ng/ml



#13 Dieldrin

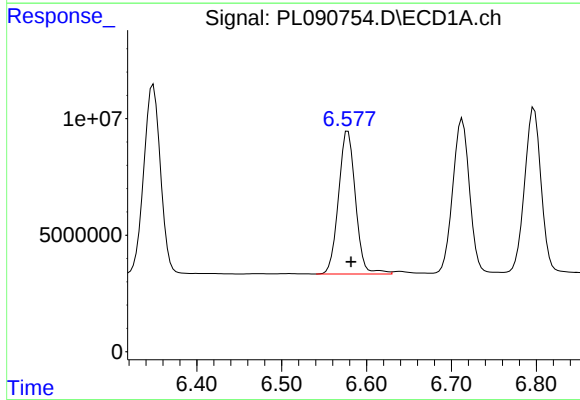
R.T.: 6.349 min  
Delta R.T.: -0.003 min  
Response: 111660778  
Conc: 50.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



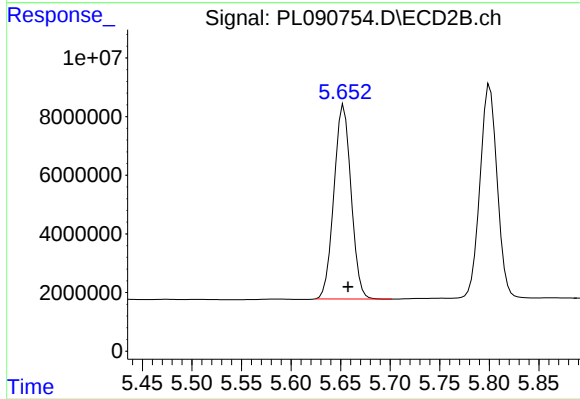
#13 Dieldrin

R.T.: 5.378 min  
Delta R.T.: -0.004 min  
Response: 104388345  
Conc: 53.23 ng/ml



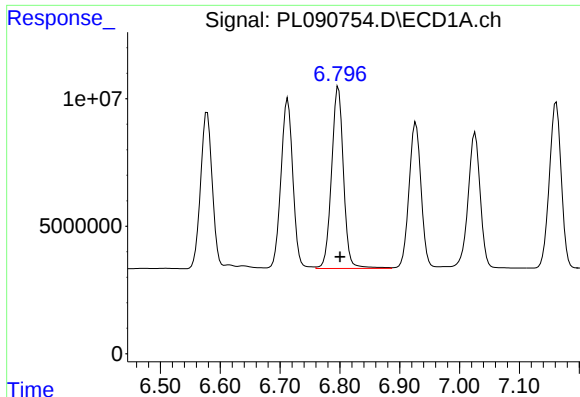
#14 Endrin

R.T.: 6.578 min  
Delta R.T.: -0.004 min  
Response: 84928283  
Conc: 46.20 ng/ml



#14 Endrin

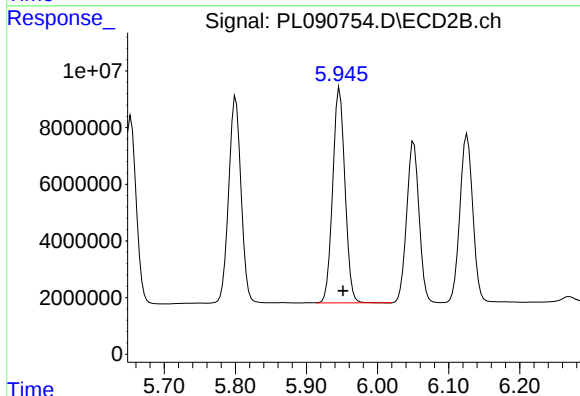
R.T.: 5.653 min  
Delta R.T.: -0.004 min  
Response: 79572626  
Conc: 46.23 ng/ml



#15 Endosulfan II

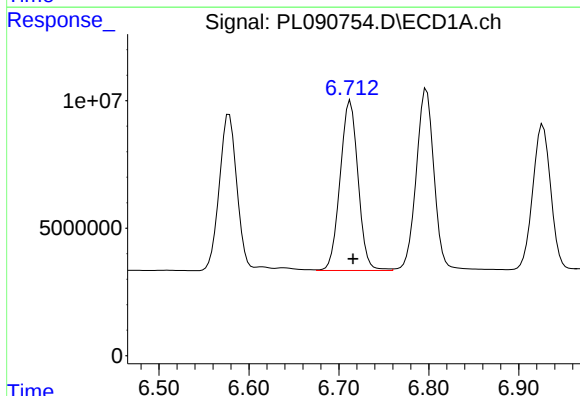
R.T.: 6.797 min  
Delta R.T.: -0.003 min  
Response: 98916967  
Conc: 50.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



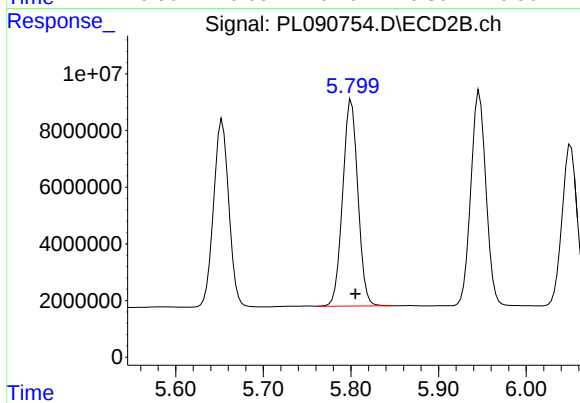
#15 Endosulfan II

R.T.: 5.947 min  
Delta R.T.: -0.005 min  
Response: 90990836  
Conc: 53.26 ng/ml



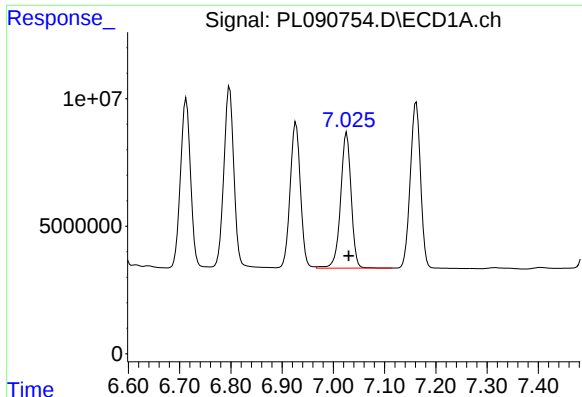
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: -0.003 min  
Response: 92315073  
Conc: 54.68 ng/ml



#16 4,4'-DDD

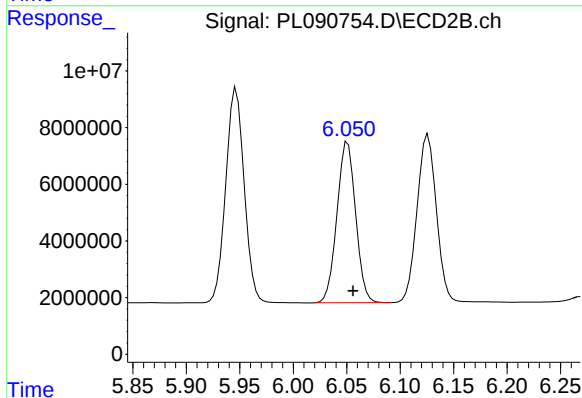
R.T.: 5.801 min  
Delta R.T.: -0.005 min  
Response: 88147014  
Conc: 58.83 ng/ml



#17 4,4'-DDT

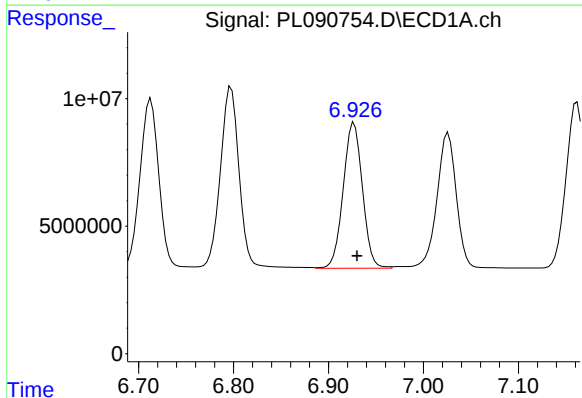
R.T.: 7.026 min  
Delta R.T.: -0.004 min  
Response: 75989719  
Conc: 45.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



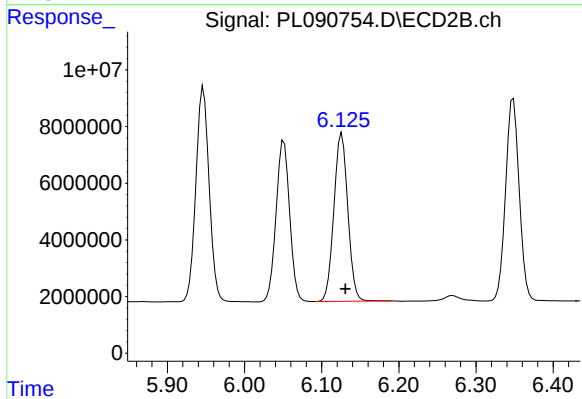
#17 4,4'-DDT

R.T.: 6.051 min  
Delta R.T.: -0.005 min  
Response: 69112373  
Conc: 47.17 ng/ml



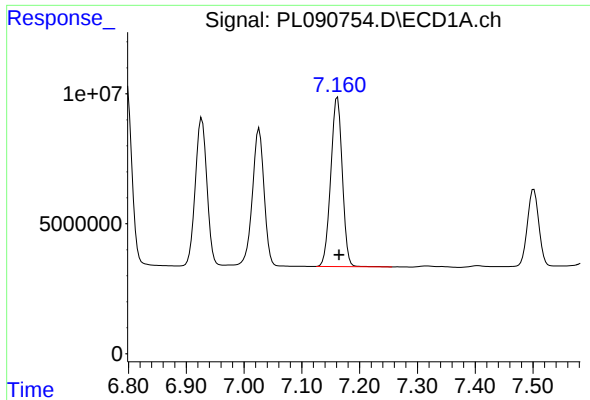
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: -0.003 min  
Response: 80328118  
Conc: 54.14 ng/ml



#18 Endrin aldehyde

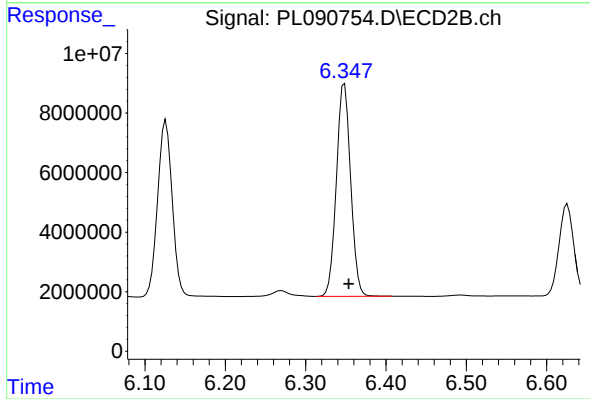
R.T.: 6.126 min  
Delta R.T.: -0.005 min  
Response: 74776328  
Conc: 57.23 ng/ml



#19 Endosulfan Sulfate

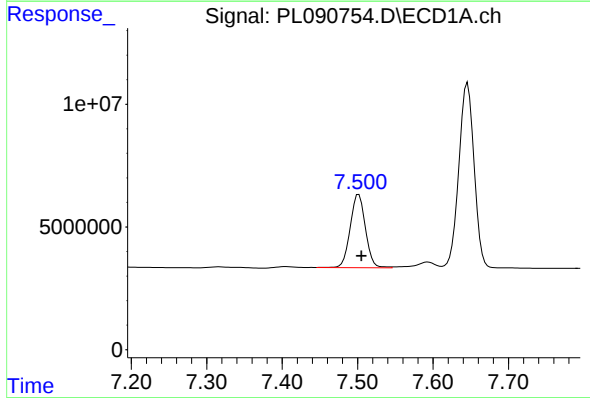
R.T.: 7.162 min  
Delta R.T.: -0.003 min  
Response: 90418830  
Conc: 51.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



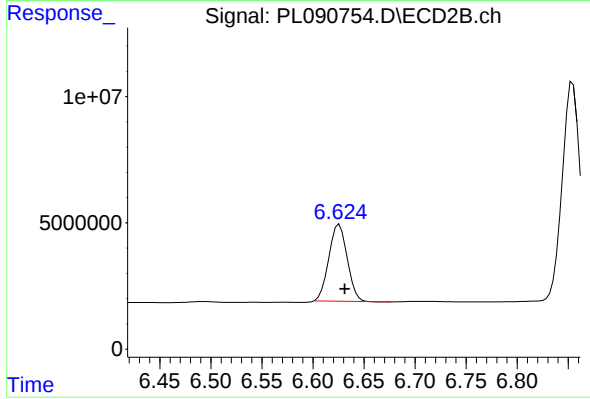
#19 Endosulfan Sulfate

R.T.: 6.348 min  
Delta R.T.: -0.005 min  
Response: 88151233  
Conc: 54.67 ng/ml



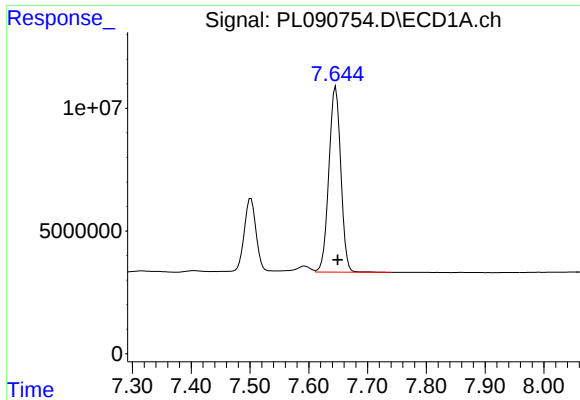
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: -0.003 min  
Response: 41889262  
Conc: 47.44 ng/ml



#20 Methoxychlor

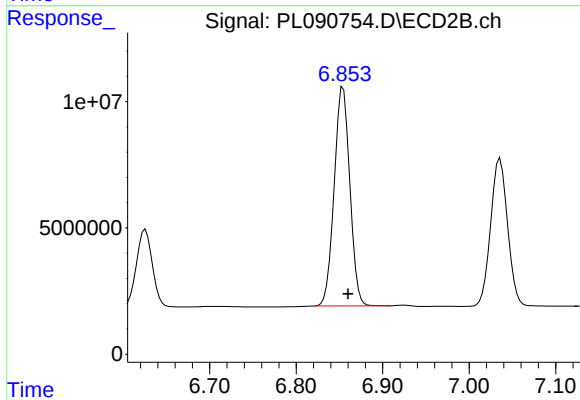
R.T.: 6.626 min  
Delta R.T.: -0.005 min  
Response: 38059675  
Conc: 47.07 ng/ml



#21 Endrin ketone

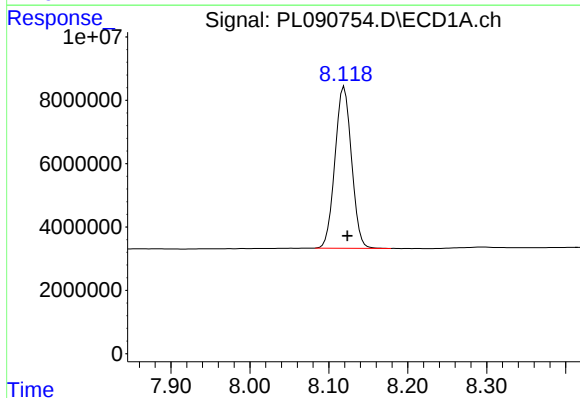
R.T.: 7.646 min  
Delta R.T.: -0.003 min  
Response: 106631448  
Conc: 55.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



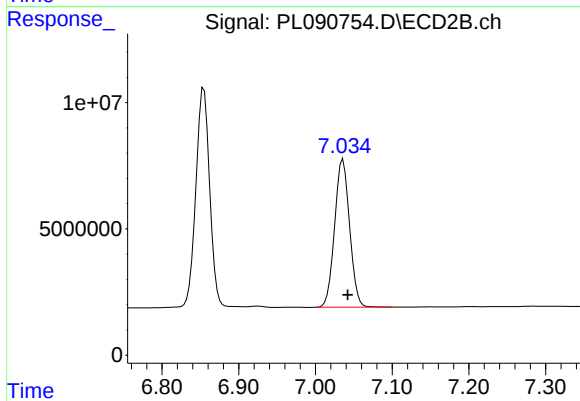
#21 Endrin ketone

R.T.: 6.854 min  
Delta R.T.: -0.006 min  
Response: 108519483  
Conc: 59.38 ng/ml



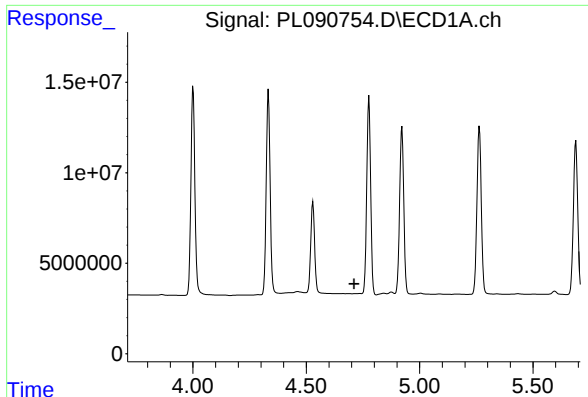
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: -0.004 min  
Response: 74284668  
Conc: 52.45 ng/ml



#22 Mirex

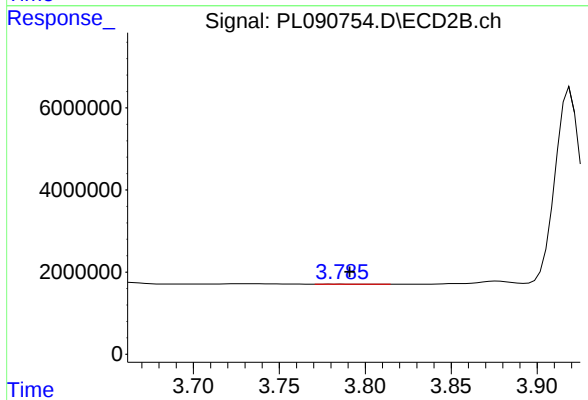
R.T.: 7.036 min  
Delta R.T.: -0.006 min  
Response: 79403938  
Conc: 53.41 ng/ml



#23 Chlordane-1

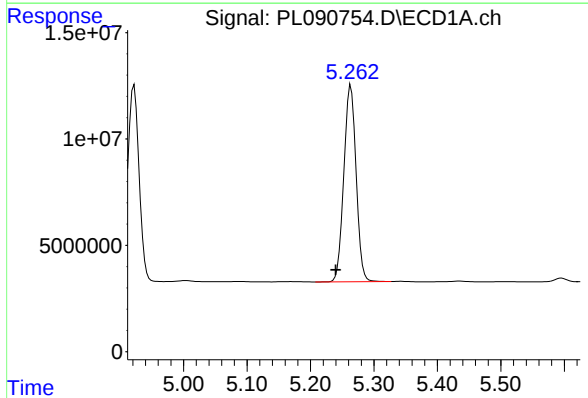
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



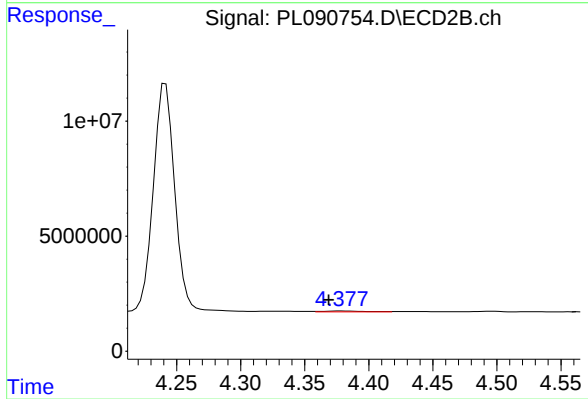
#23 Chlordane-1

R.T.: 3.785 min  
Delta R.T.: -0.006 min  
Response: 27922  
Conc: 0.45 ng/ml



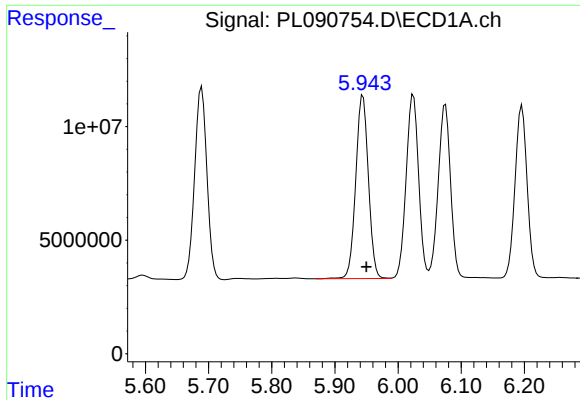
#24 Chlordane-2

R.T.: 5.264 min  
Delta R.T.: 0.024 min  
Response: 124015409  
Conc: 1211.64 ng/ml



#24 Chlordane-2

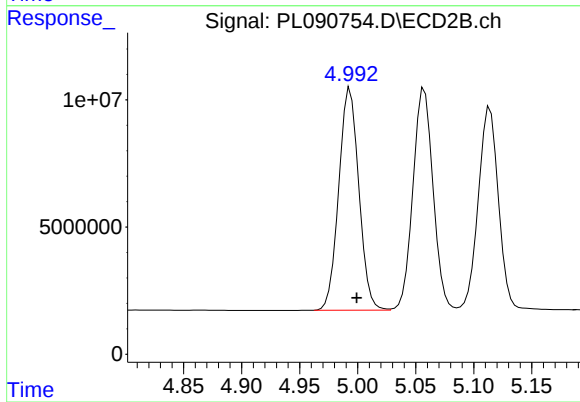
R.T.: 4.378 min  
Delta R.T.: 0.010 min  
Response: 768231  
Conc: 10.13 ng/ml



#25 Chlordane-3

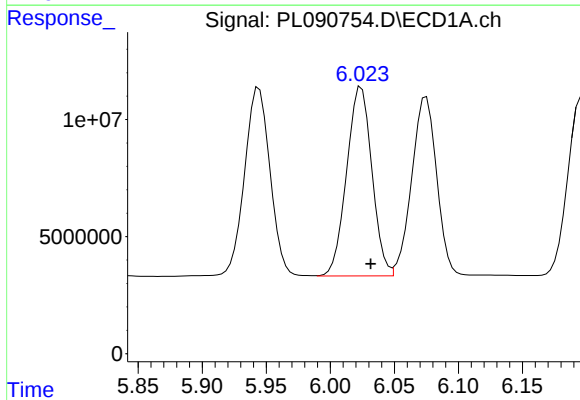
R.T.: 5.944 min  
Delta R.T.: -0.006 min  
Response: 112159596  
Conc: 338.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



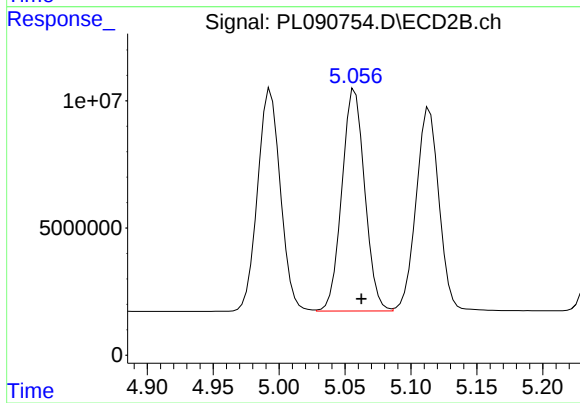
#25 Chlordane-3

R.T.: 4.994 min  
Delta R.T.: -0.006 min  
Response: 105216343  
Conc: 509.08 ng/ml



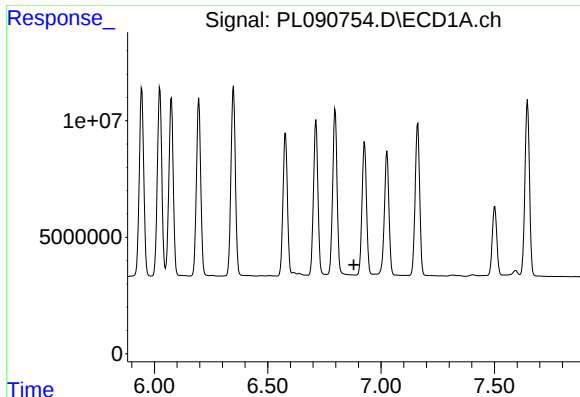
#26 Chlordane-4

R.T.: 6.024 min  
Delta R.T.: -0.007 min  
Response: 110929333  
Conc: 278.50 ng/ml



#26 Chlordane-4

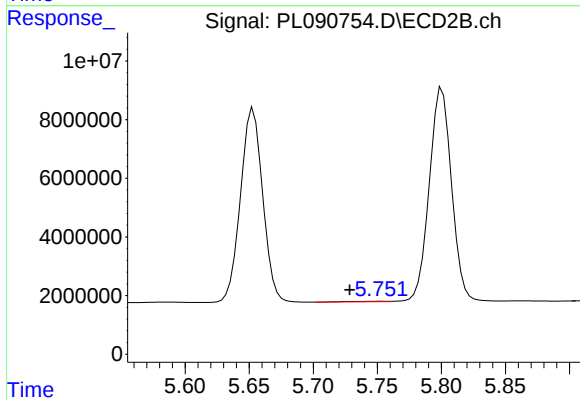
R.T.: 5.058 min  
Delta R.T.: -0.005 min  
Response: 105108312  
Conc: 537.09 ng/ml



#27 Chlordane-5

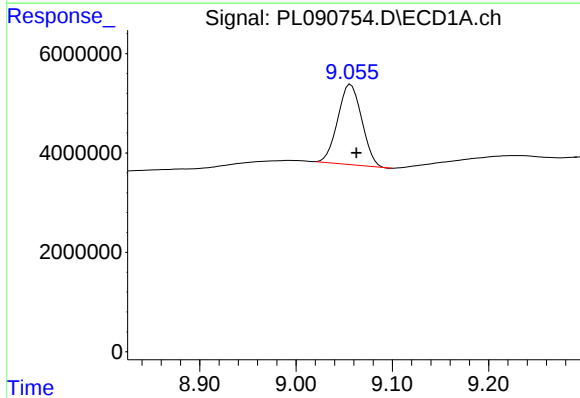
R.T.: 0.000 min  
Exp R.T.: 6.880 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



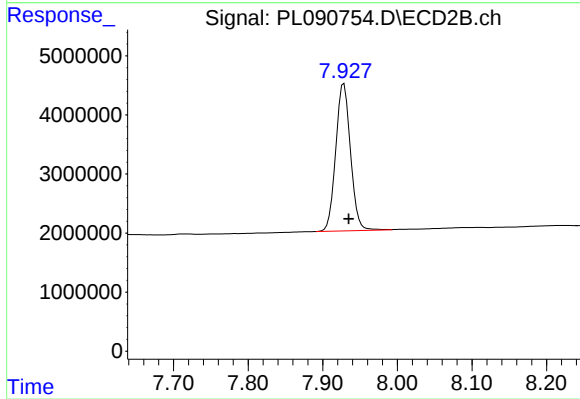
#27 Chlordane-5

R.T.: 5.752 min  
Delta R.T.: 0.024 min  
Response: 400407  
Conc: 6.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: -0.006 min  
Response: 28023007  
Conc: 21.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.928 min  
Delta R.T.: -0.006 min  
Response: 34325291  
Conc: 23.54 ng/ml