

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080124\  
 Data File : PL090738.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Aug 2024 16:45  
 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 02 01:16:06 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... | 3.545  | 2.786  | 97211648 | 89270160 | 46.687   | 53.043    |
| 28)                         | SA Decachlor... | 9.055  | 7.928  | 63581126 | 67120209 | 47.847   | 46.033    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.000  | 3.290  | 134.7E6  | 128.5E6  | 45.387   | 53.165    |
| 3)                          | MA gamma-BHC... | 4.332  | 3.620  | 123.3E6  | 119.2E6  | 44.027   | 51.713    |
| 4)                          | MA Heptachlor   | 4.921  | 3.960  | 107.0E6  | 103.9E6  | 42.062   | 47.082    |
| 5)                          | MB Aldrin       | 5.262  | 4.240  | 113.3E6  | 111.1E6  | 45.347   | 52.216    |
| 6)                          | B beta-BHC      | 4.528  | 3.918  | 59149618 | 52471552 | 46.629   | 50.834    |
| 7)                          | B delta-BHC     | 4.775  | 4.148  | 120.3E6  | 114.6E6  | 44.863   | 52.118    |
| 8)                          | B Heptachlo...  | 5.687  | 4.743  | 106.0E6  | 98309347 | 45.102   | 50.405    |
| 9)                          | A Endosulfan I  | 6.073  | 5.112  | 96653373 | 90337989 | 45.192   | 49.399    |
| 10)                         | B gamma-Chl...  | 5.943  | 4.993  | 108.9E6  | 102.4E6  | 46.841   | 50.483    |
| 11)                         | B alpha-Chl...  | 6.022  | 5.056  | 103.1E6  | 101.2E6  | 44.915   | 50.107    |
| 12)                         | B 4,4'-DDE      | 6.195  | 5.246  | 90908978 | 91828323 | 44.960   | 51.383    |
| 13)                         | MA Dieldrin     | 6.347  | 5.377  | 100.4E6  | 97057591 | 45.202   | 49.496    |
| 14)                         | MA Endrin       | 6.577  | 5.652  | 82242780 | 80051664 | 44.735   | 46.512    |
| 15)                         | B Endosulfa...  | 6.796  | 5.946  | 89244624 | 83133590 | 45.374   | 48.662    |
| 16)                         | A 4,4'-DDD      | 6.711  | 5.800  | 83433422 | 79002792 | 49.421   | 52.729    |
| 17)                         | MA 4,4'-DDT     | 7.025  | 6.050  | 67434285 | 60401872 | 40.061   | 41.226    |
| 18)                         | B Endrin al...  | 6.926  | 6.125  | 67657547 | 62863094 | 45.603   | 48.114    |
| 19)                         | B Endosulfa...  | 7.160  | 6.348  | 78731506 | 78286640 | 44.830   | 48.550    |
| 20)                         | A Methoxychlor  | 7.500  | 6.625  | 37866150 | 32311091 | 42.888   | 39.962    |
| 21)                         | B Endrin ke...  | 7.645  | 6.853  | 87467870 | 88177042 | 45.819   | 48.250    |
| 22)                         | Mirex           | 8.118  | 7.035  | 65746321 | 70894927 | 46.423   | 47.690    |
| 23)                         | Chlordane-1     | 0.000  | 3.783  | 0        | 37509    | N.D.     | 0.606 #   |
| 24)                         | Chlordane-2     | 5.262f | 4.378  | 113.3E6  | 2814474  | 1106.893 | 37.110 #  |
| 25)                         | Chlordane-3     | 5.943  | 4.993  | 108.9E6  | 102.4E6  | 328.974  | 495.212 # |
| 26)                         | Chlordane-4     | 6.022  | 5.056  | 103.1E6  | 101.2E6  | 258.877  | 517.361 # |
| 27)                         | Chlordane-5     | 0.000  | 5.748f | 0        | 331971   | N.D.     | 5.507 #   |
| -----                       |                 |        |        |          |          |          |           |

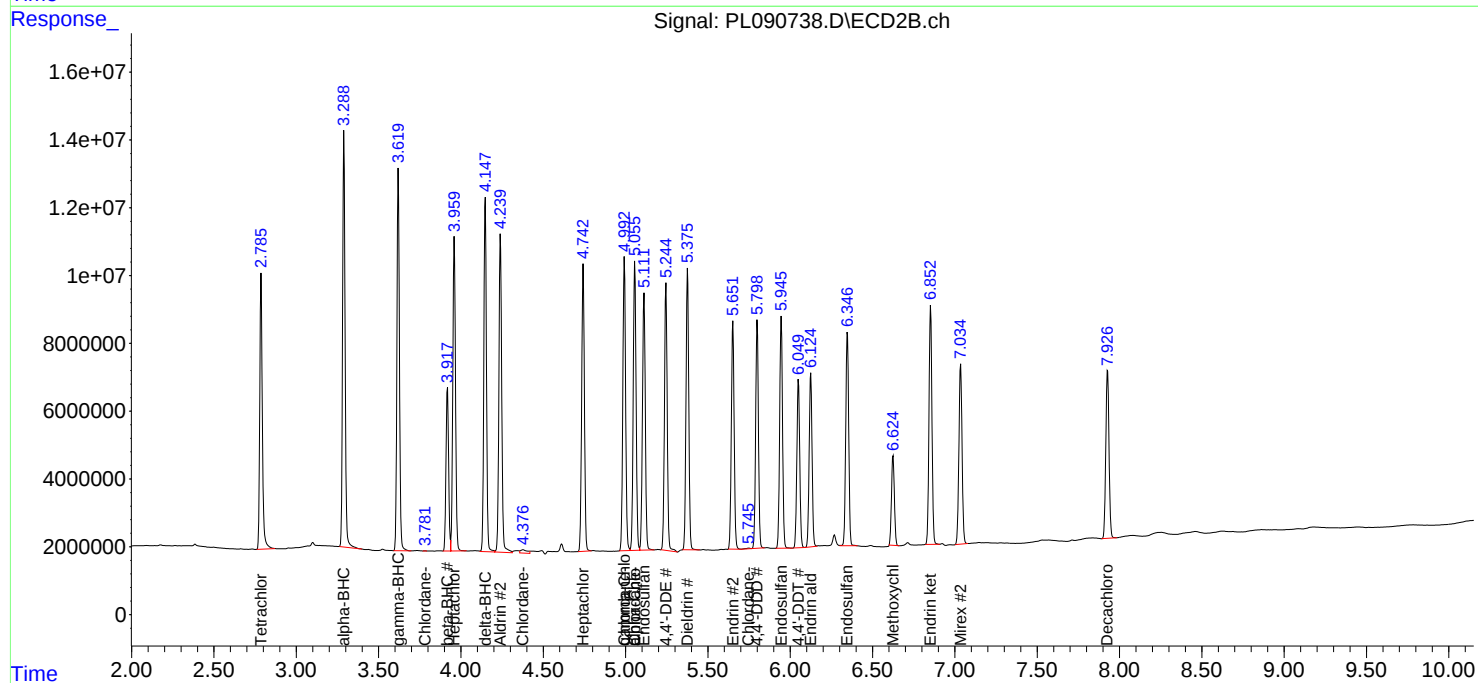
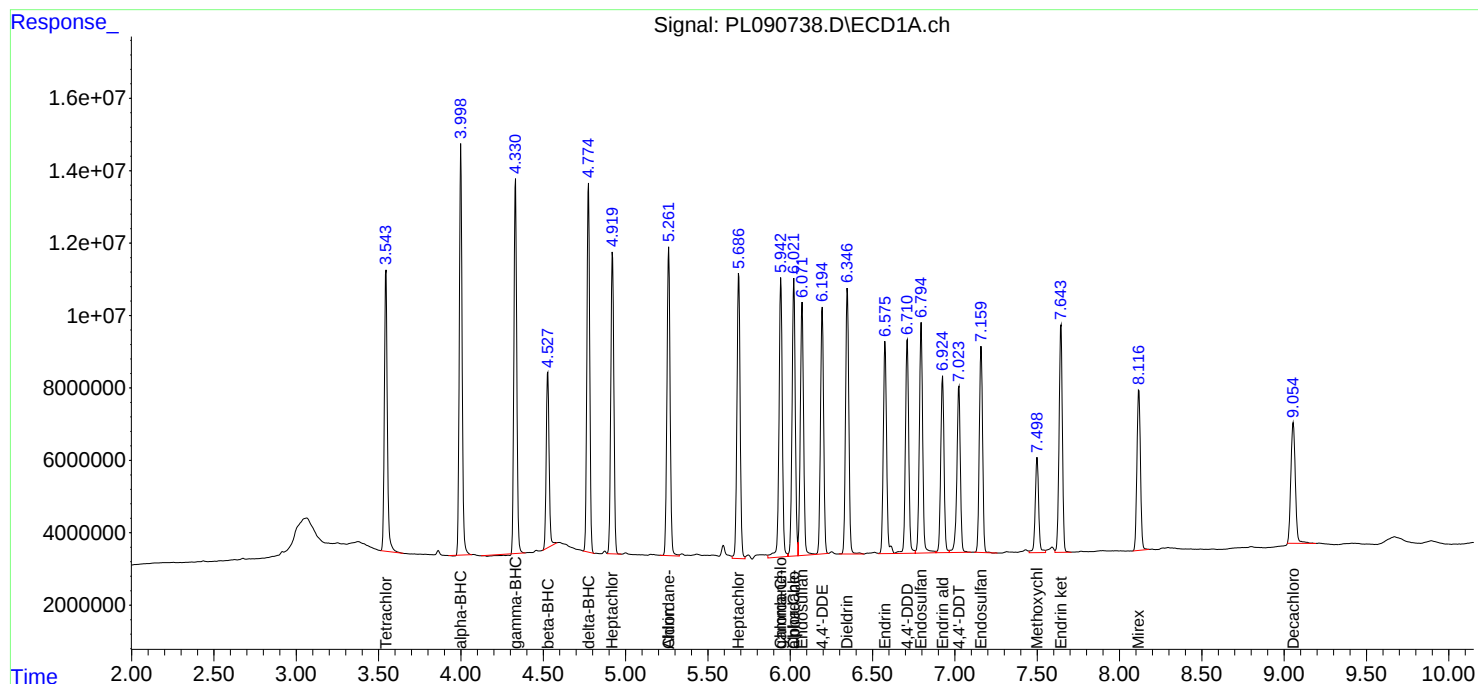
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

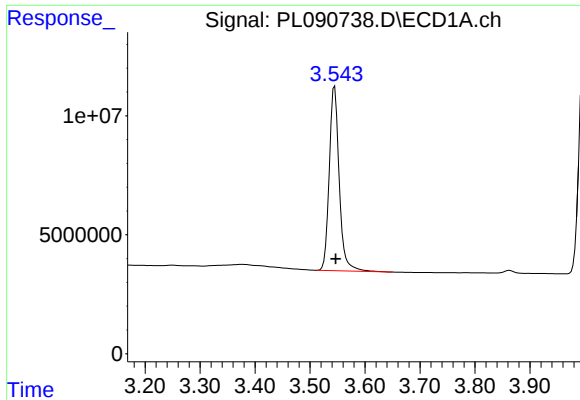
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080124\  
Data File : PL090738.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Aug 2024 16:45  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 02 01:16:06 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

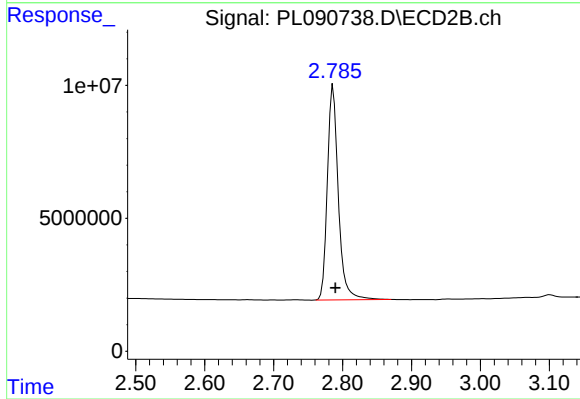




#1 Tetrachloro-m-xylene

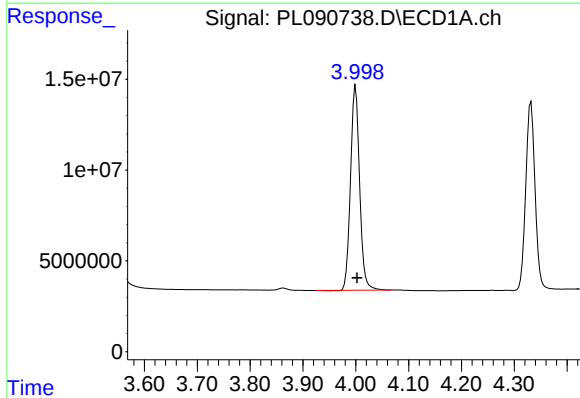
R.T.: 3.545 min  
Delta R.T.: -0.002 min  
Response: 97211648  
Conc: 46.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



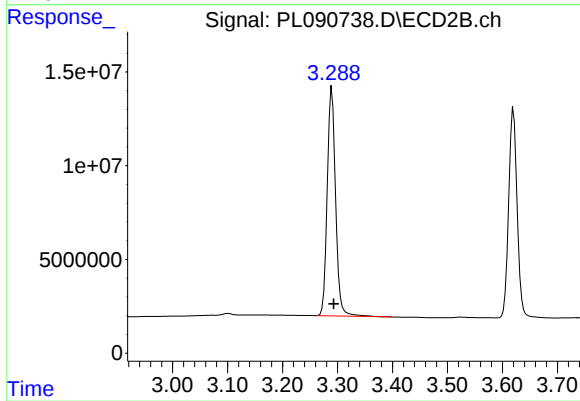
#1 Tetrachloro-m-xylene

R.T.: 2.786 min  
Delta R.T.: -0.003 min  
Response: 89270160  
Conc: 53.04 ng/ml



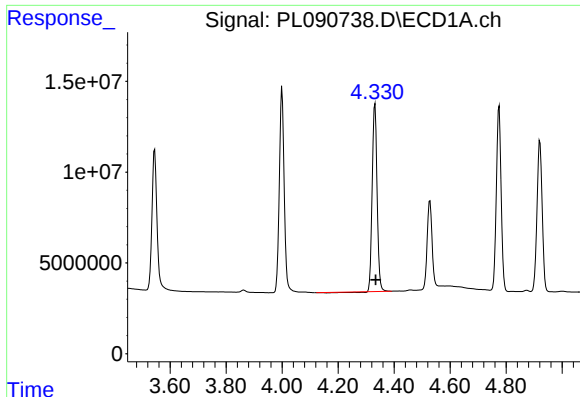
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: -0.003 min  
Response: 134681051  
Conc: 45.39 ng/ml



#2 alpha-BHC

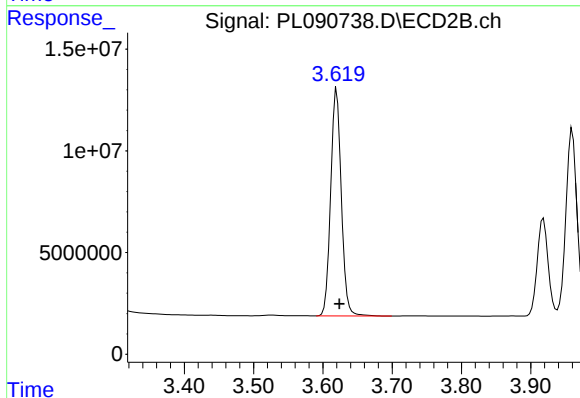
R.T.: 3.290 min  
Delta R.T.: -0.004 min  
Response: 128452164  
Conc: 53.17 ng/ml



#3 gamma-BHC (Lindane)

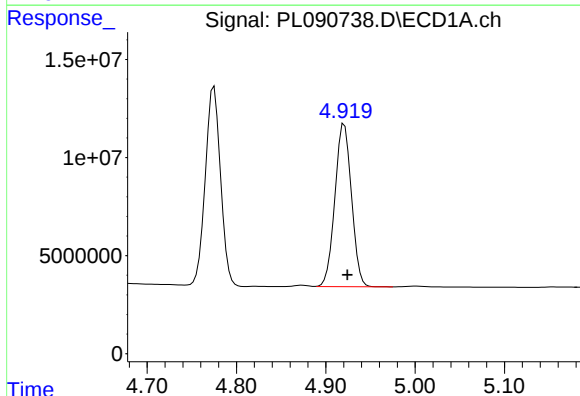
R.T.: 4.332 min  
Delta R.T.: -0.003 min  
Response: 123295374  
Conc: 44.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



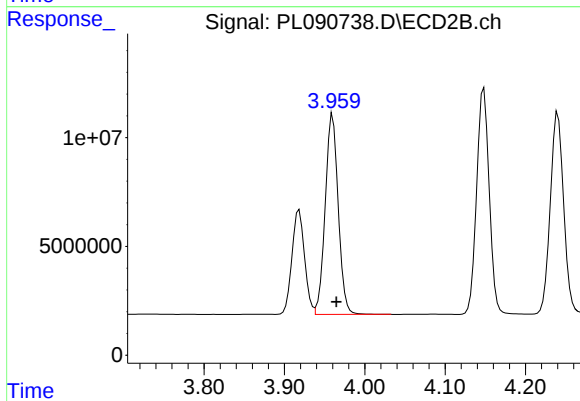
#3 gamma-BHC (Lindane)

R.T.: 3.620 min  
Delta R.T.: -0.004 min  
Response: 119249552  
Conc: 51.71 ng/ml



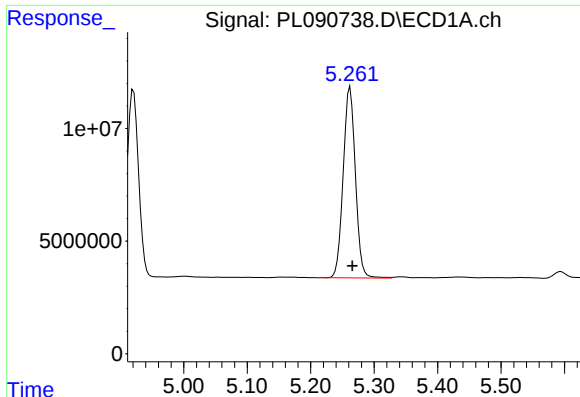
#4 Heptachlor

R.T.: 4.921 min  
Delta R.T.: -0.003 min  
Response: 107048866  
Conc: 42.06 ng/ml



#4 Heptachlor

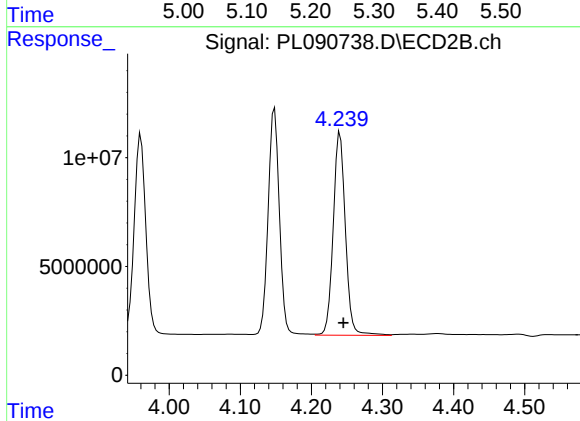
R.T.: 3.960 min  
Delta R.T.: -0.004 min  
Response: 103866196  
Conc: 47.08 ng/ml



#5 Aldrin

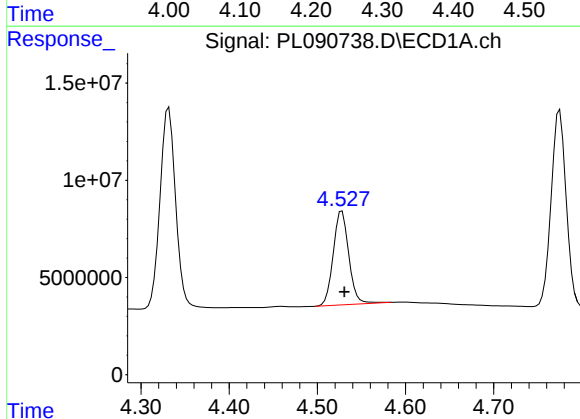
R.T.: 5.262 min  
Delta R.T.: -0.003 min  
Response: 113294026  
Conc: 45.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



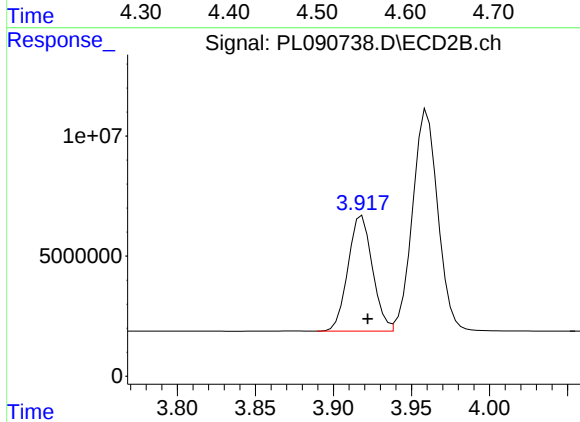
#5 Aldrin

R.T.: 4.240 min  
Delta R.T.: -0.005 min  
Response: 111089222  
Conc: 52.22 ng/ml



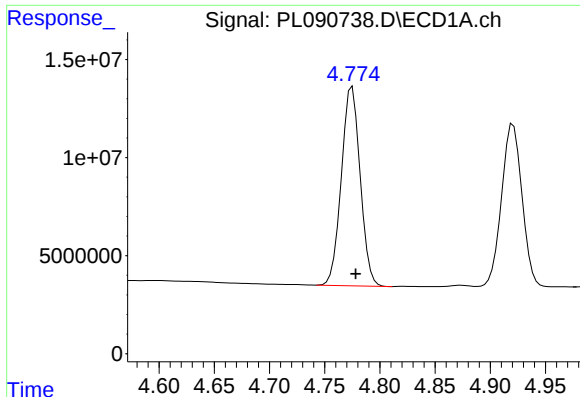
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: -0.003 min  
Response: 59149618  
Conc: 46.63 ng/ml



#6 beta-BHC

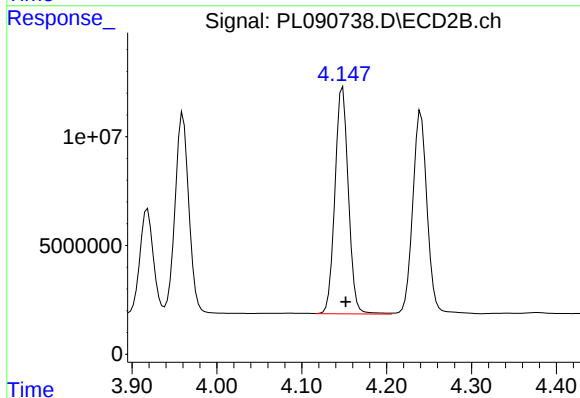
R.T.: 3.918 min  
Delta R.T.: -0.004 min  
Response: 52471552  
Conc: 50.83 ng/ml



#7 delta-BHC

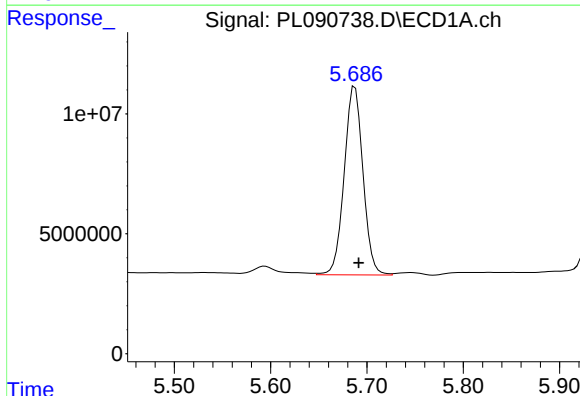
R.T.: 4.775 min  
Delta R.T.: -0.003 min  
Response: 120280520  
Conc: 44.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



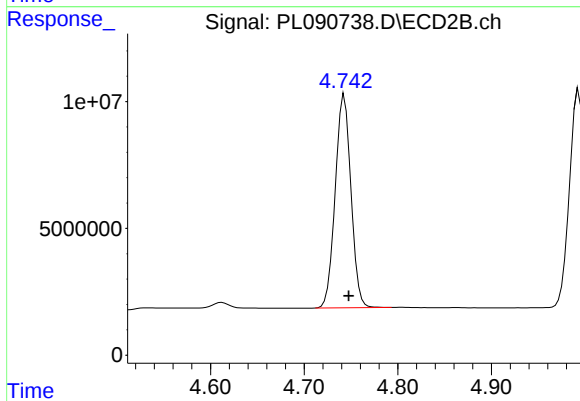
#7 delta-BHC

R.T.: 4.148 min  
Delta R.T.: -0.004 min  
Response: 114646147  
Conc: 52.12 ng/ml



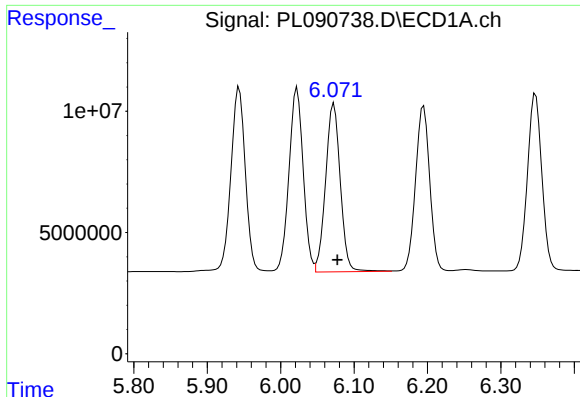
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: -0.004 min  
Response: 106005925  
Conc: 45.10 ng/ml



#8 Heptachlor epoxide

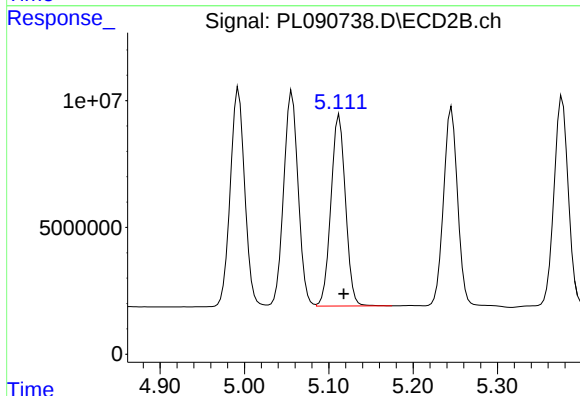
R.T.: 4.743 min  
Delta R.T.: -0.005 min  
Response: 98309347  
Conc: 50.41 ng/ml



#9 Endosulfan I

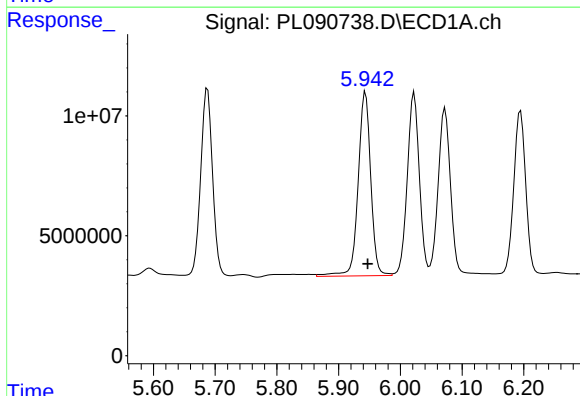
R.T.: 6.073 min  
Delta R.T.: -0.005 min  
Response: 96653373  
Conc: 45.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



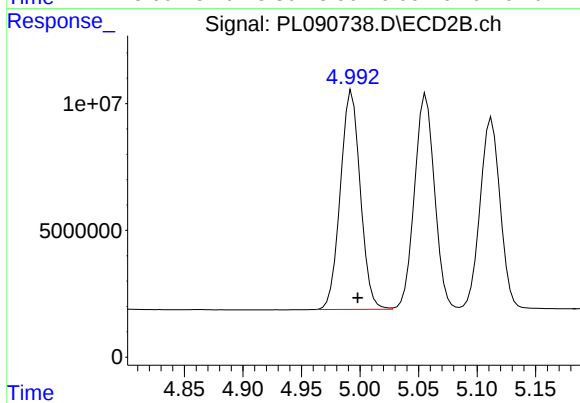
#9 Endosulfan I

R.T.: 5.112 min  
Delta R.T.: -0.005 min  
Response: 90337989  
Conc: 49.40 ng/ml



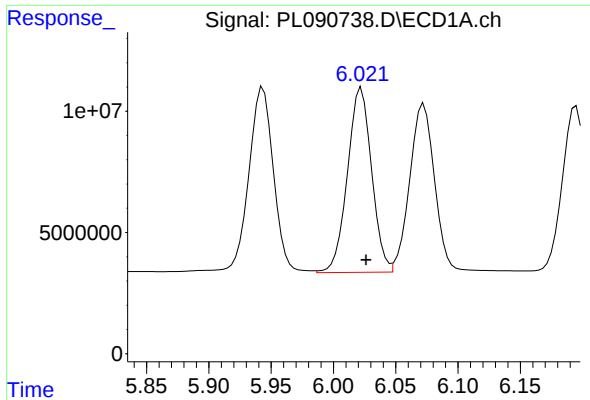
#10 gamma-Chlordane

R.T.: 5.943 min  
Delta R.T.: -0.004 min  
Response: 108907981  
Conc: 46.84 ng/ml



#10 gamma-Chlordane

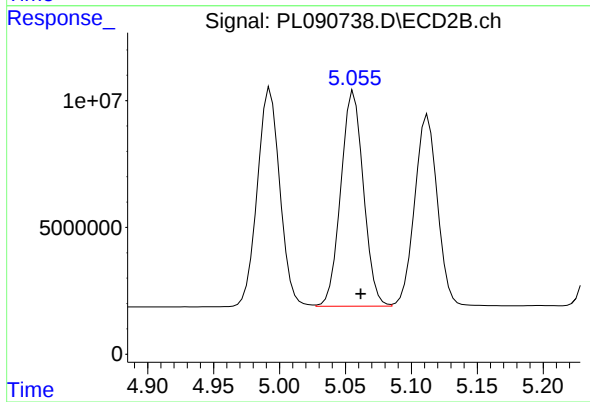
R.T.: 4.993 min  
Delta R.T.: -0.005 min  
Response: 102350365  
Conc: 50.48 ng/ml



#11 alpha-Chlordane

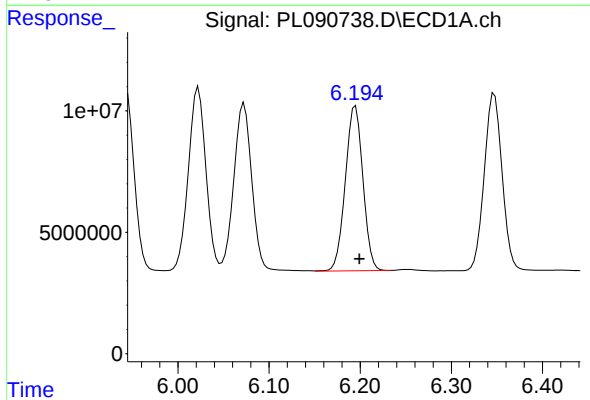
R.T.: 6.022 min  
Delta R.T.: -0.004 min  
Response: 103113090  
Conc: 44.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



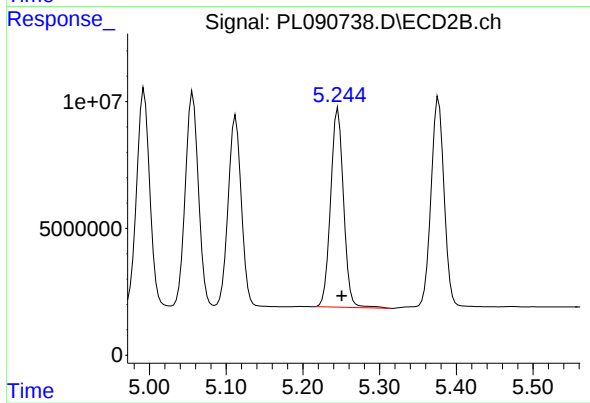
#11 alpha-Chlordane

R.T.: 5.056 min  
Delta R.T.: -0.005 min  
Response: 101246457  
Conc: 50.11 ng/ml



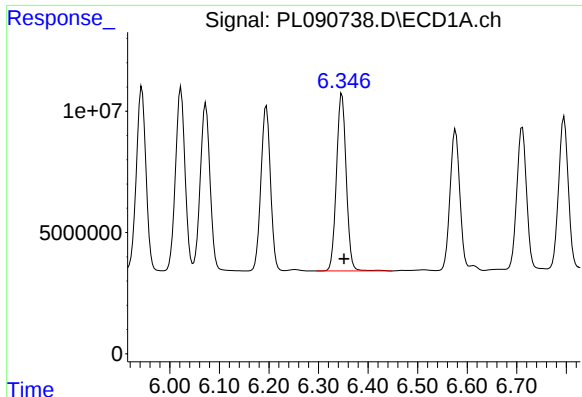
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: -0.004 min  
Response: 90908978  
Conc: 44.96 ng/ml



#12 4,4'-DDE

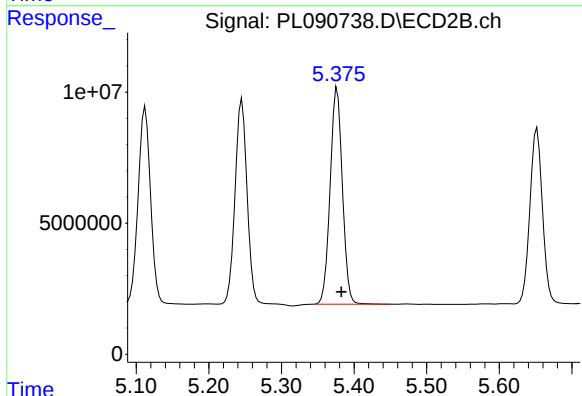
R.T.: 5.246 min  
Delta R.T.: -0.005 min  
Response: 91828323  
Conc: 51.38 ng/ml



#13 Dieldrin

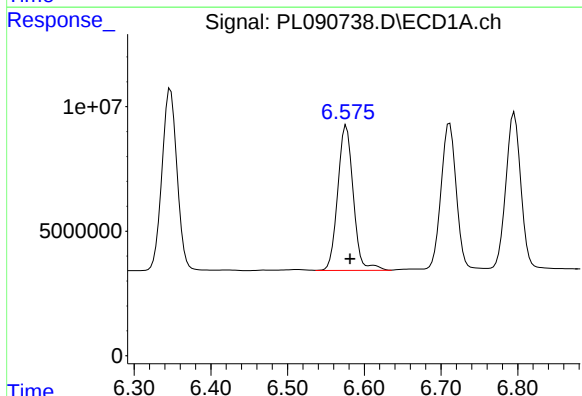
R.T.: 6.347 min  
Delta R.T.: -0.004 min  
Response: 100429664  
Conc: 45.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



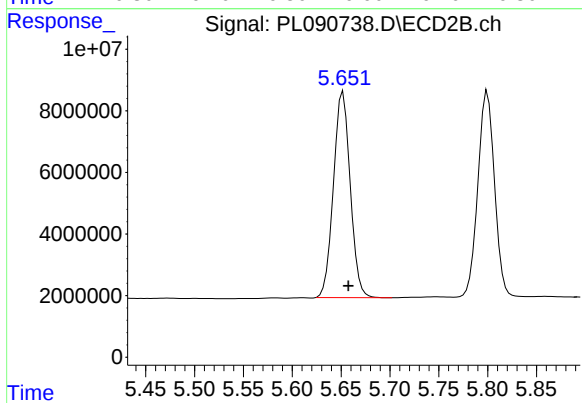
#13 Dieldrin

R.T.: 5.377 min  
Delta R.T.: -0.005 min  
Response: 97057591  
Conc: 49.50 ng/ml



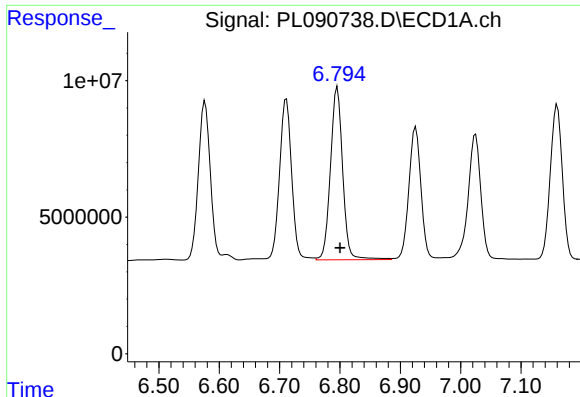
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: -0.005 min  
Response: 82242780  
Conc: 44.74 ng/ml



#14 Endrin

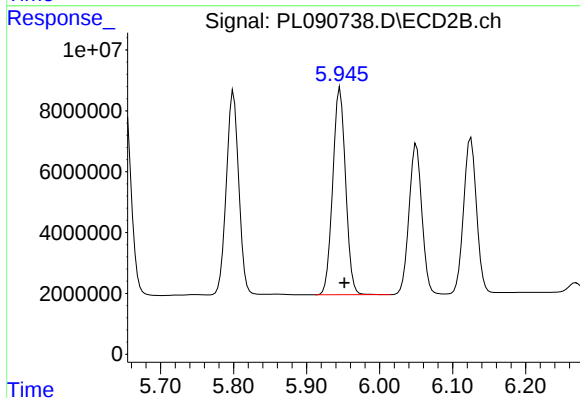
R.T.: 5.652 min  
Delta R.T.: -0.006 min  
Response: 80051664  
Conc: 46.51 ng/ml



#15 Endosulfan II

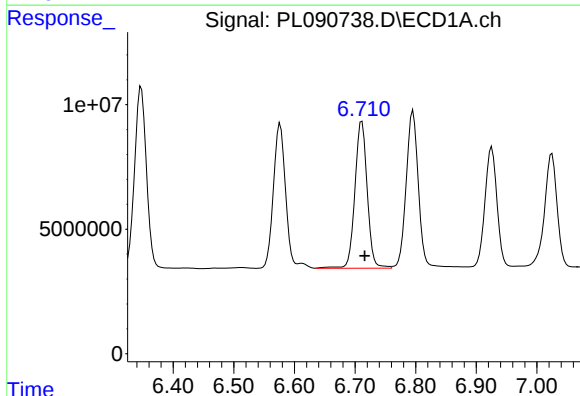
R.T.: 6.796 min  
Delta R.T.: -0.005 min  
Response: 89244624  
Conc: 45.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



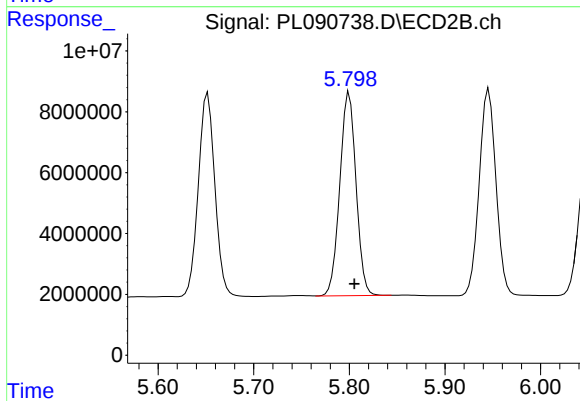
#15 Endosulfan II

R.T.: 5.946 min  
Delta R.T.: -0.006 min  
Response: 83133590  
Conc: 48.66 ng/ml



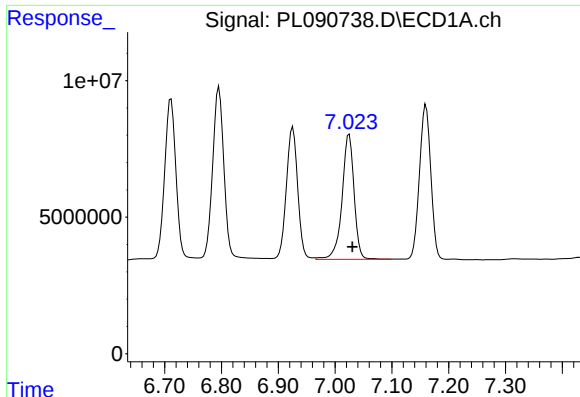
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: -0.004 min  
Response: 83433422  
Conc: 49.42 ng/ml



#16 4,4'-DDD

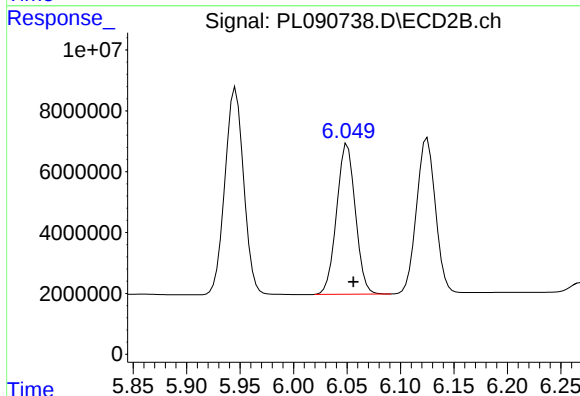
R.T.: 5.800 min  
Delta R.T.: -0.005 min  
Response: 79002792  
Conc: 52.73 ng/ml



#17 4,4'-DDT

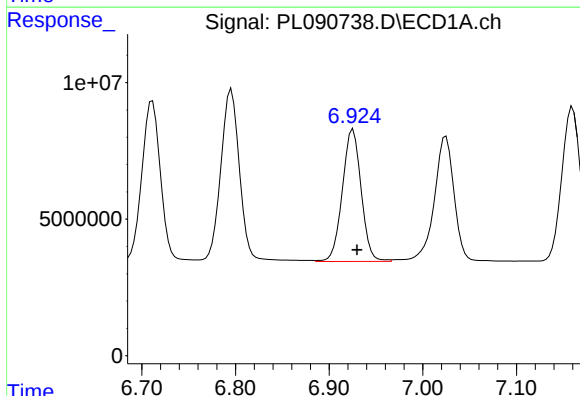
R.T.: 7.025 min  
Delta R.T.: -0.005 min  
Response: 67434285  
Conc: 40.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



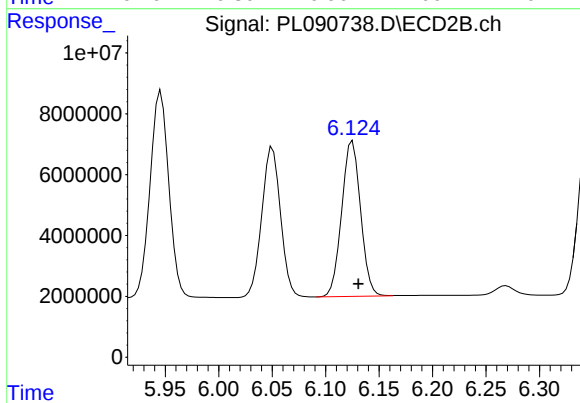
#17 4,4'-DDT

R.T.: 6.050 min  
Delta R.T.: -0.005 min  
Response: 60401872  
Conc: 41.23 ng/ml



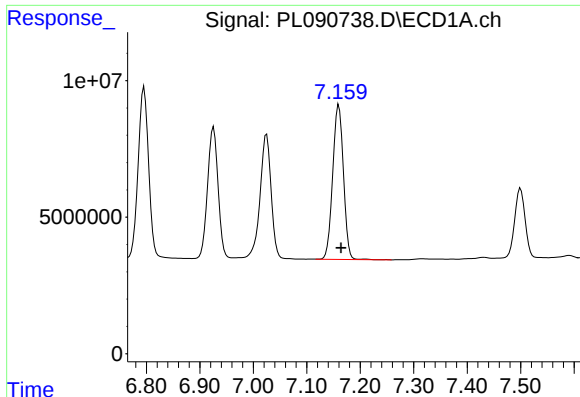
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: -0.005 min  
Response: 67657547  
Conc: 45.60 ng/ml



#18 Endrin aldehyde

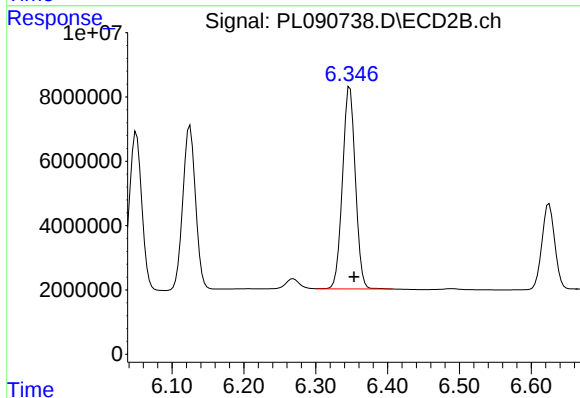
R.T.: 6.125 min  
Delta R.T.: -0.006 min  
Response: 62863094  
Conc: 48.11 ng/ml



#19 Endosulfan Sulfate

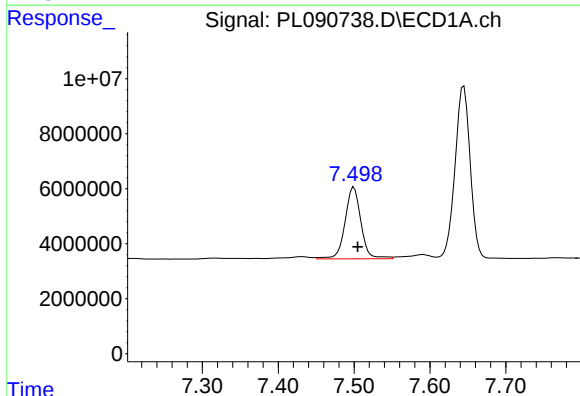
R.T.: 7.160 min  
Delta R.T.: -0.004 min  
Response: 78731506  
Conc: 44.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



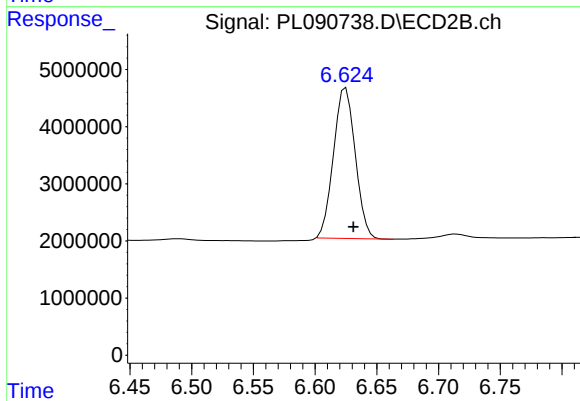
#19 Endosulfan Sulfate

R.T.: 6.348 min  
Delta R.T.: -0.006 min  
Response: 78286640  
Conc: 48.55 ng/ml



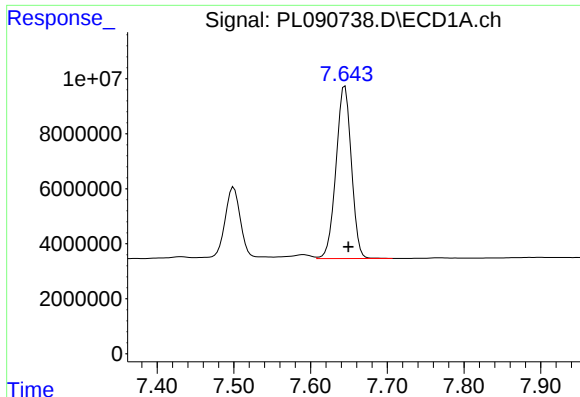
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: -0.005 min  
Response: 37866150  
Conc: 42.89 ng/ml



#20 Methoxychlor

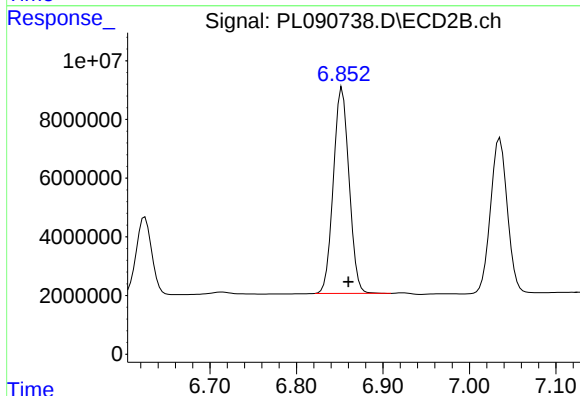
R.T.: 6.625 min  
Delta R.T.: -0.006 min  
Response: 32311091  
Conc: 39.96 ng/ml



#21 Endrin ketone

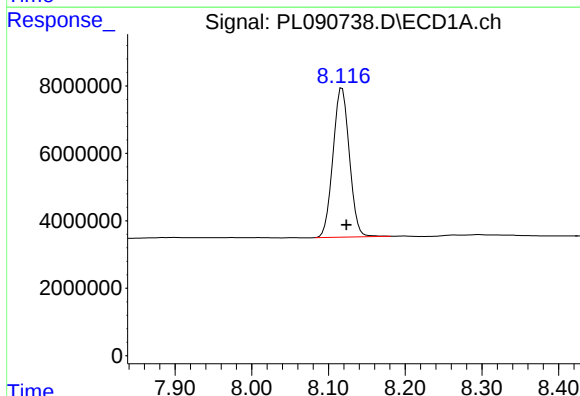
R.T.: 7.645 min  
Delta R.T.: -0.005 min  
Response: 87467870  
Conc: 45.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



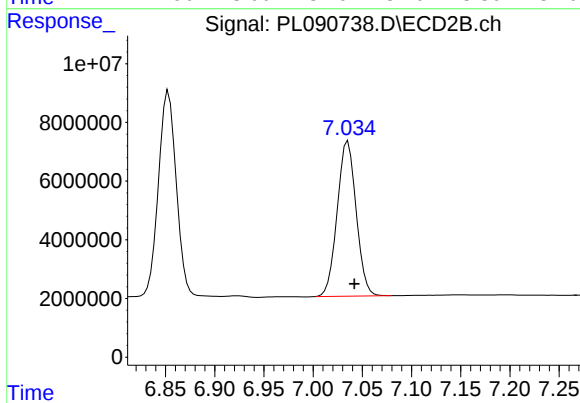
#21 Endrin ketone

R.T.: 6.853 min  
Delta R.T.: -0.007 min  
Response: 88177042  
Conc: 48.25 ng/ml



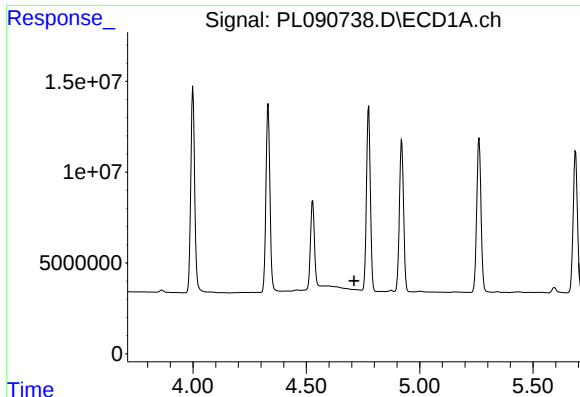
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: -0.006 min  
Response: 65746321  
Conc: 46.42 ng/ml



#22 Mirex

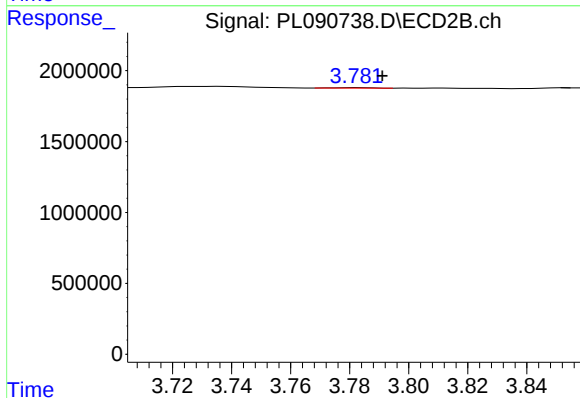
R.T.: 7.035 min  
Delta R.T.: -0.007 min  
Response: 70894927  
Conc: 47.69 ng/ml



#23 Chlordane-1

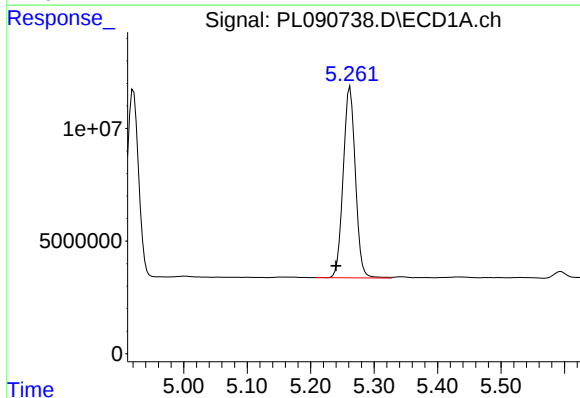
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



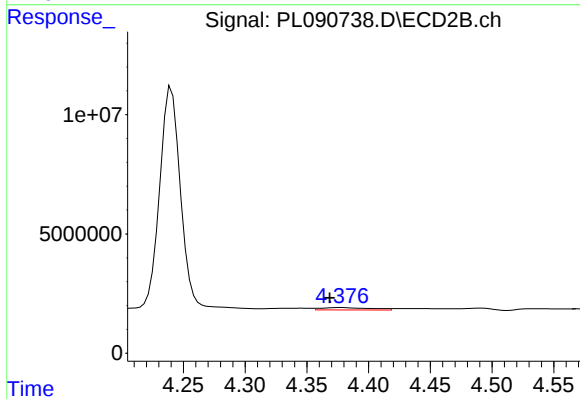
#23 Chlordane-1

R.T.: 3.783 min  
Delta R.T.: -0.009 min  
Response: 37509  
Conc: 0.61 ng/ml



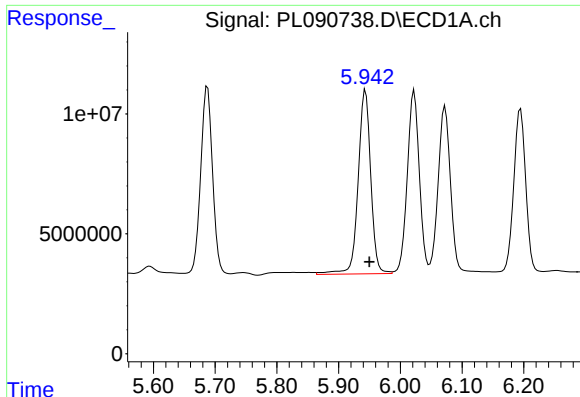
#24 Chlordane-2

R.T.: 5.262 min  
Delta R.T.: 0.022 min  
Response: 113294026  
Conc: 1106.89 ng/ml



#24 Chlordane-2

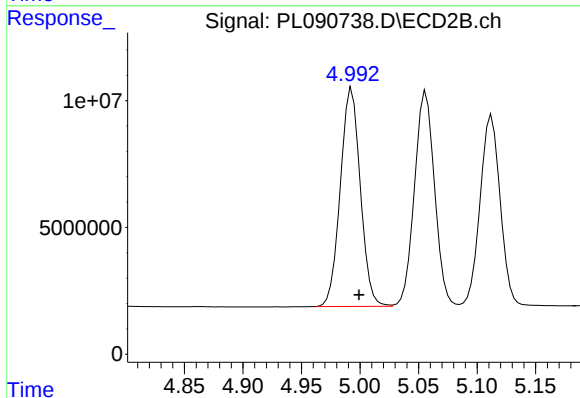
R.T.: 4.378 min  
Delta R.T.: 0.009 min  
Response: 2814474  
Conc: 37.11 ng/ml



#25 Chlordane-3

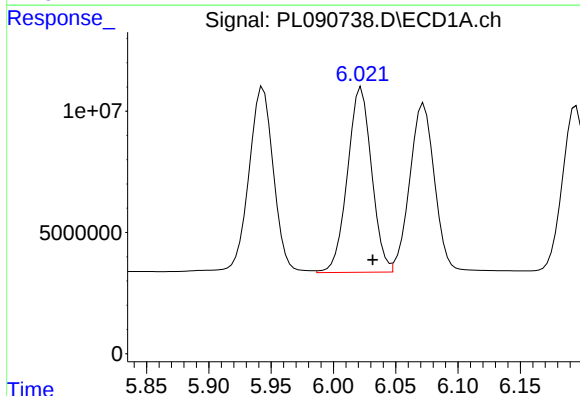
R.T.: 5.943 min  
Delta R.T.: -0.006 min  
Response: 108907981  
Conc: 328.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



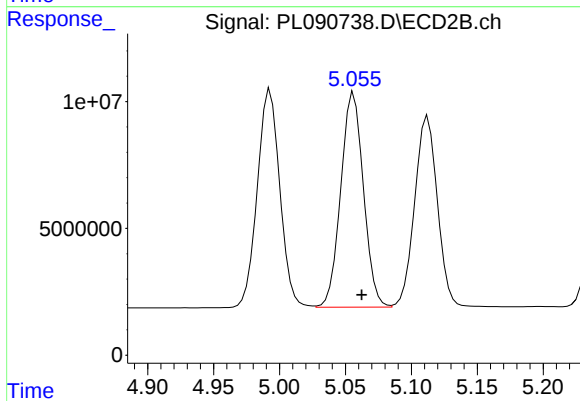
#25 Chlordane-3

R.T.: 4.993 min  
Delta R.T.: -0.006 min  
Response: 102350365  
Conc: 495.21 ng/ml



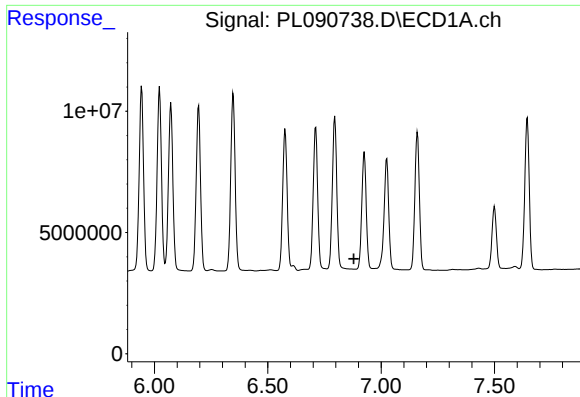
#26 Chlordane-4

R.T.: 6.022 min  
Delta R.T.: -0.009 min  
Response: 103113090  
Conc: 258.88 ng/ml



#26 Chlordane-4

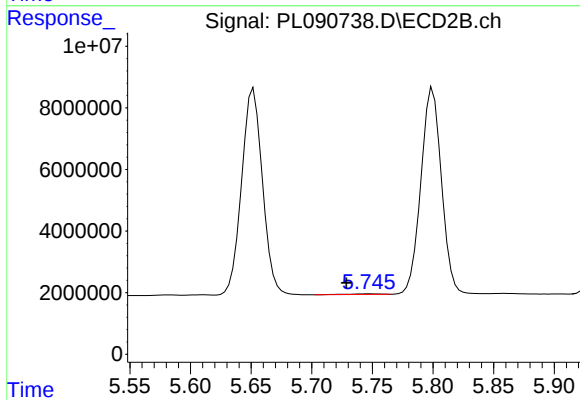
R.T.: 5.056 min  
Delta R.T.: -0.006 min  
Response: 101246457  
Conc: 517.36 ng/ml



#27 Chlordane-5

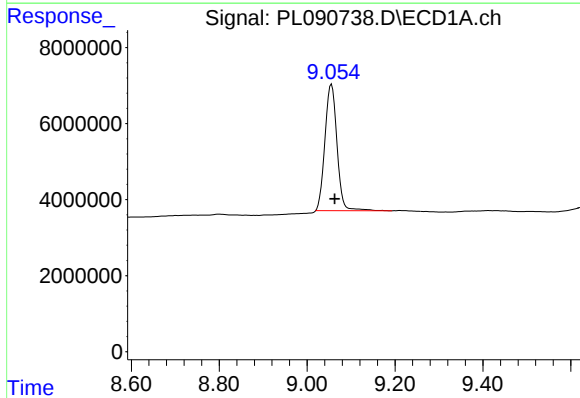
R.T.: 0.000 min  
Exp R.T.: 6.880 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



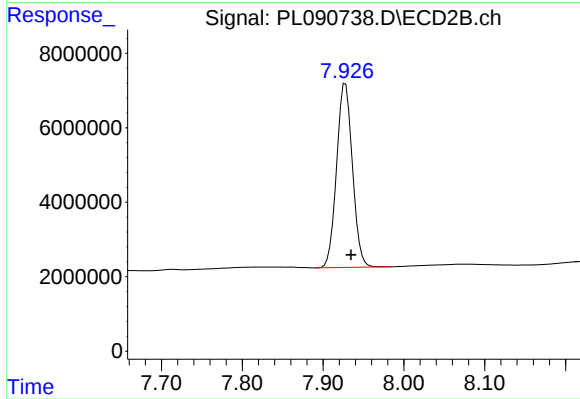
#27 Chlordane-5

R.T.: 5.748 min  
Delta R.T.: 0.019 min  
Response: 331971  
Conc: 5.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min  
Delta R.T.: -0.007 min  
Response: 63581126  
Conc: 47.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.928 min  
Delta R.T.: -0.007 min  
Response: 67120209  
Conc: 46.03 ng/ml