

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081124\  
 Data File : PL090947.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2024 04:51  
 Operator : AR\AJ  
 Sample : PB162610BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 10 05:12:28 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 06 10:55:36 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... | 3.546 | 2.787  | 40033083 | 34180007 | 20.676  | 19.771    |
| 28)                         | SA Decachlor... | 9.057 | 7.926  | 32638899 | 35762015 | 22.717  | 21.425    |
| Target Compounds            |                 |       |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.001 | 3.290  | 144.1E6  | 135.3E6  | 52.151  | 54.937    |
| 3)                          | MA gamma-BHC... | 4.334 | 3.620  | 127.7E6  | 128.4E6  | 48.560  | 54.859    |
| 4)                          | MA Heptachlor   | 4.922 | 3.961  | 130.1E6  | 127.7E6  | 52.626  | 55.070    |
| 5)                          | MB Aldrin       | 5.264 | 4.241  | 124.5E6  | 122.9E6  | 51.803  | 55.417    |
| 6)                          | B beta-BHC      | 4.530 | 3.919  | 65618755 | 56429495 | 52.124  | 53.053    |
| 7)                          | B delta-BHC     | 4.777 | 4.149  | 129.9E6  | 124.5E6  | 51.886  | 55.703    |
| 8)                          | B Heptachlo...  | 5.689 | 4.743  | 118.0E6  | 111.3E6  | 51.906  | 54.592    |
| 9)                          | A Endosulfan I  | 6.074 | 5.113  | 109.3E6  | 104.7E6  | 52.150  | 54.217    |
| 10)                         | B gamma-Chl...  | 5.945 | 4.993  | 117.1E6  | 115.9E6  | 51.831  | 54.248    |
| 11)                         | B alpha-Chl...  | 6.024 | 5.057  | 116.5E6  | 115.3E6  | 52.021  | 54.049    |
| 12)                         | B 4,4'-DDE      | 6.197 | 5.246  | 104.8E6  | 103.4E6  | 52.888  | 55.133    |
| 13)                         | MA Dieldrin     | 6.349 | 5.377  | 115.6E6  | 113.1E6  | 52.699  | 54.764    |
| 14)                         | MA Endrin       | 6.579 | 5.652  | 96758890 | 100.8E6  | 52.832  | 55.174    |
| 15)                         | B Endosulfa...  | 6.797 | 5.947  | 103.7E6  | 99566419 | 51.704  | 54.819    |
| 16)                         | A 4,4'-DDD      | 6.713 | 5.800  | 87413725 | 84945232 | 53.024  | 54.743    |
| 17)                         | MA 4,4'-DDT     | 7.027 | 6.050  | 95750700 | 91191766 | 53.709  | 54.992    |
| 18)                         | B Endrin al...  | 6.927 | 6.125  | 81038568 | 77018681 | 53.809  | 54.399    |
| 19)                         | B Endosulfa...  | 7.161 | 6.348  | 95421625 | 95693219 | 53.201  | 54.817    |
| 20)                         | A Methoxychlor  | 7.502 | 6.625  | 50991488 | 49980735 | 53.437  | 54.148    |
| 21)                         | B Endrin ke...  | 7.646 | 6.853  | 106.2E6  | 109.6E6  | 53.584  | 55.297    |
| 22)                         | Mirex           | 8.119 | 7.035  | 83638426 | 90664727 | 53.805  | 53.989    |
| 23)                         | Chlordane-1     | 0.000 | 3.808f | 0        | 87765    | N.D.    | 1.302 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.377  | 0        | 1696188  | N.D.    | 20.393 #  |
| 25)                         | Chlordane-3     | 5.945 | 4.993  | 117.1E6  | 115.9E6  | 356.129 | 517.361 # |
| 26)                         | Chlordane-4     | 6.024 | 5.057  | 116.5E6  | 115.3E6  | 290.718 | 538.970 # |
| 27)                         | Chlordane-5     | 0.000 | 5.747f | 0        | 298917   | N.D.    | 4.473 #   |
| -----                       |                 |       |        |          |          |         |           |

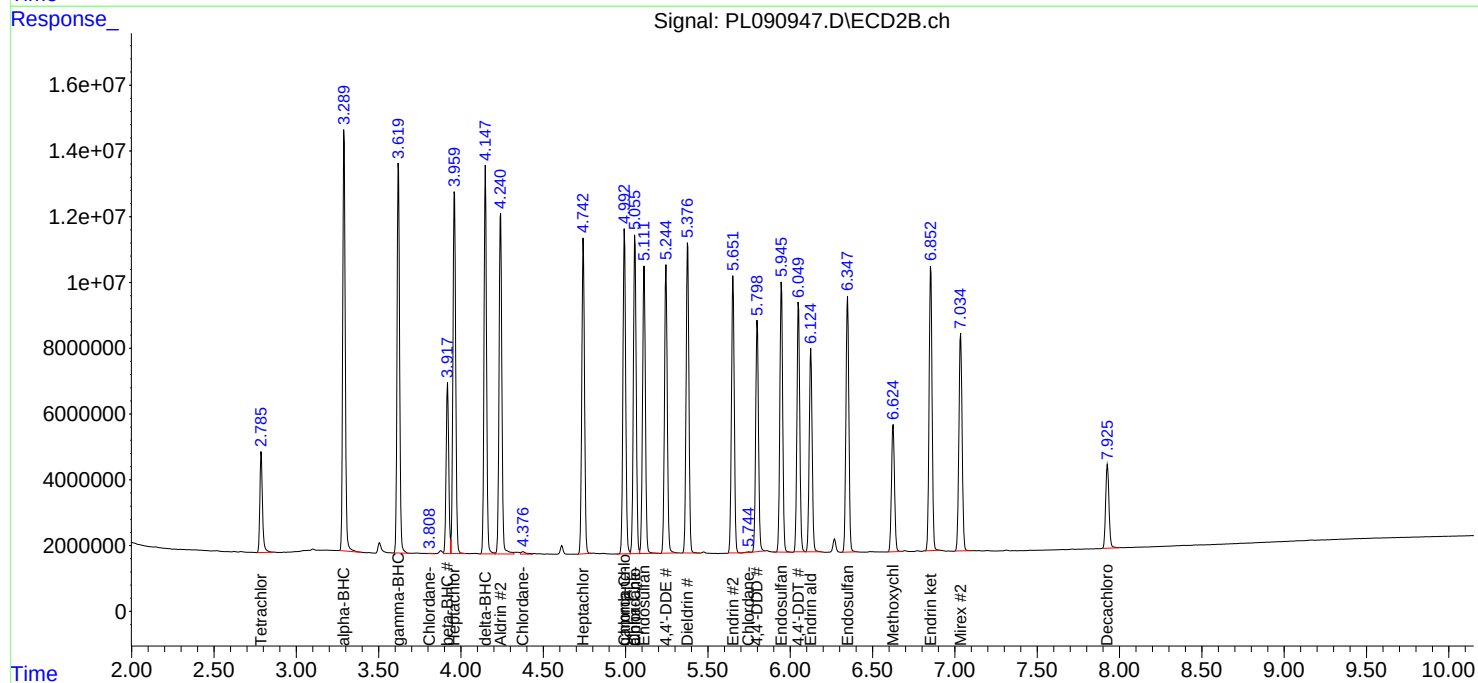
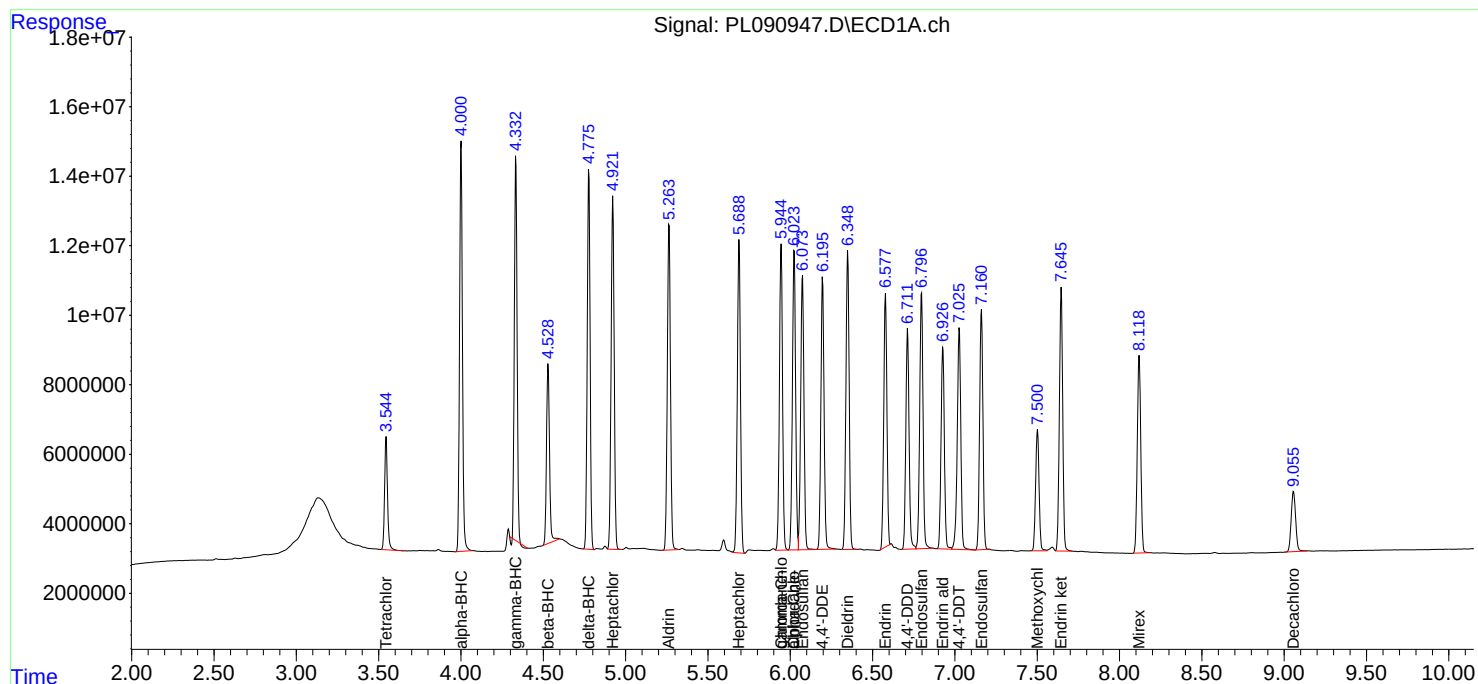
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

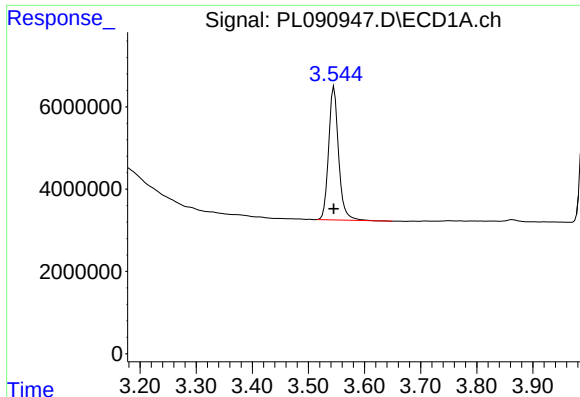
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081124\  
Data File : PL090947.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Aug 2024 04:51  
Operator : AR\AJ  
Sample : PB162610BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 05:12:28 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 06 10:55:36 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

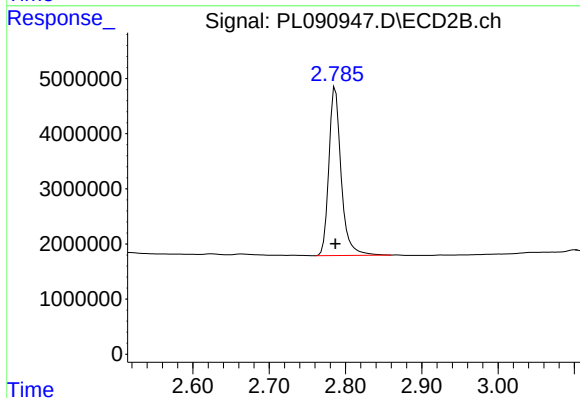




#1 Tetrachloro-m-xylene

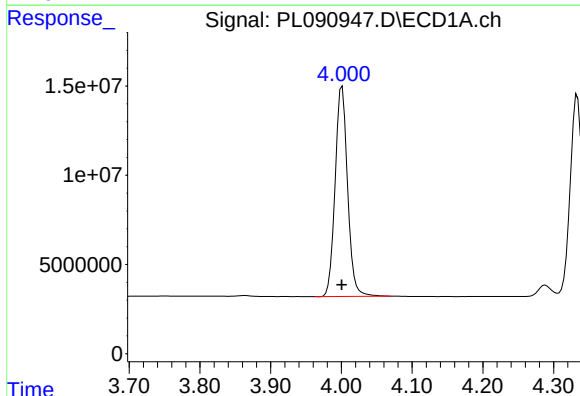
R.T.: 3.546 min  
Delta R.T.: 0.000 min  
Response: 40033083  
Conc: 20.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



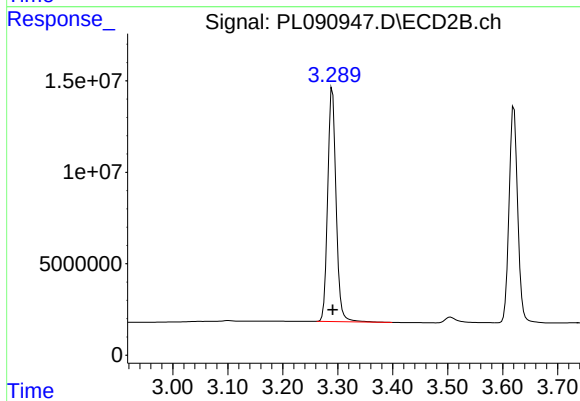
#1 Tetrachloro-m-xylene

R.T.: 2.787 min  
Delta R.T.: 0.000 min  
Response: 34180007  
Conc: 19.77 ng/ml



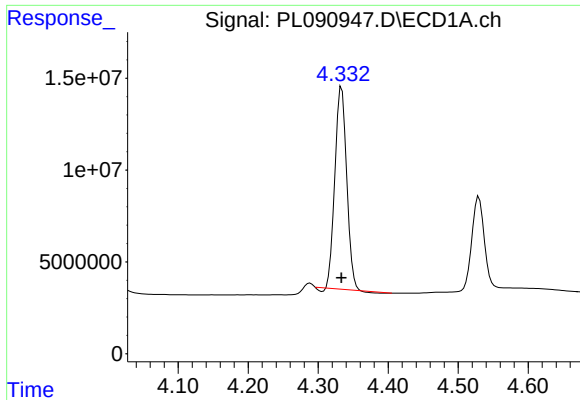
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: 0.000 min  
Response: 144051764  
Conc: 52.15 ng/ml



#2 alpha-BHC

R.T.: 3.290 min  
Delta R.T.: 0.000 min  
Response: 135334938  
Conc: 54.94 ng/ml



#3 gamma-BHC (Lindane)

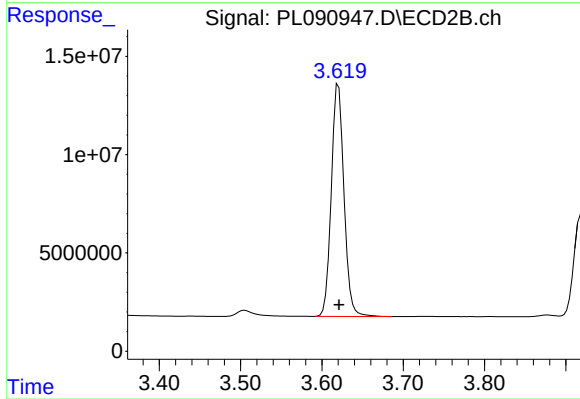
R.T.: 4.334 min

Delta R.T.: 0.000 min

Response: 127716831

Conc: 48.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



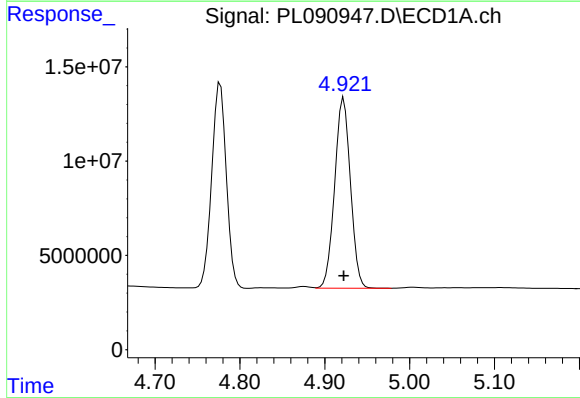
#3 gamma-BHC (Lindane)

R.T.: 3.620 min

Delta R.T.: 0.000 min

Response: 128437584

Conc: 54.86 ng/ml



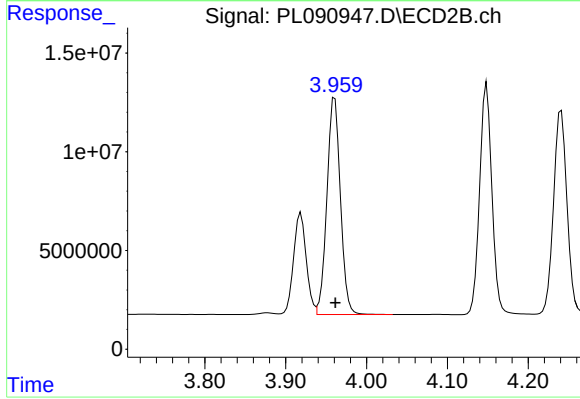
#4 Heptachlor

R.T.: 4.922 min

Delta R.T.: 0.000 min

Response: 130149389

Conc: 52.63 ng/ml



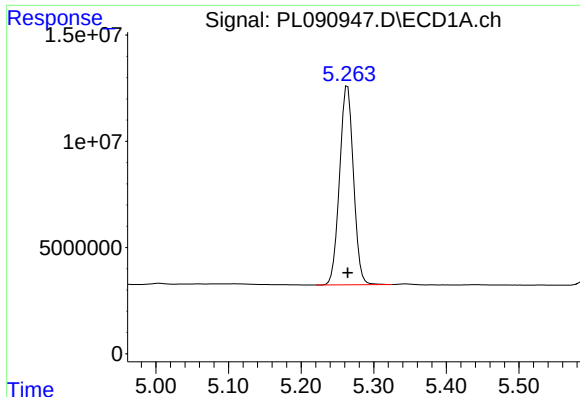
#4 Heptachlor

R.T.: 3.961 min

Delta R.T.: 0.000 min

Response: 127682803

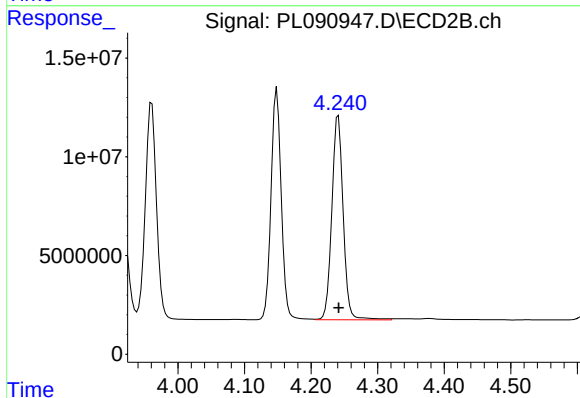
Conc: 55.07 ng/ml



#5 Aldrin

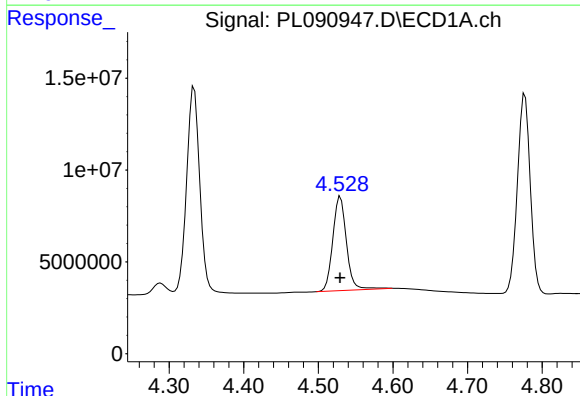
R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 124524311  
Conc: 51.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



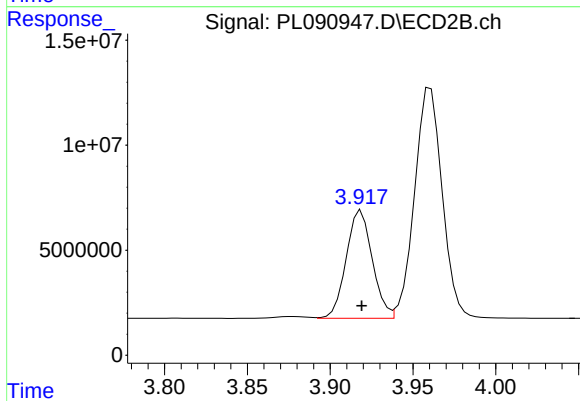
#5 Aldrin

R.T.: 4.241 min  
Delta R.T.: 0.000 min  
Response: 122865391  
Conc: 55.42 ng/ml



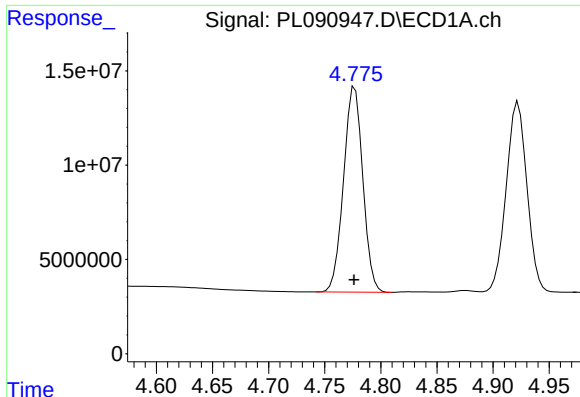
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 65618755  
Conc: 52.12 ng/ml



#6 beta-BHC

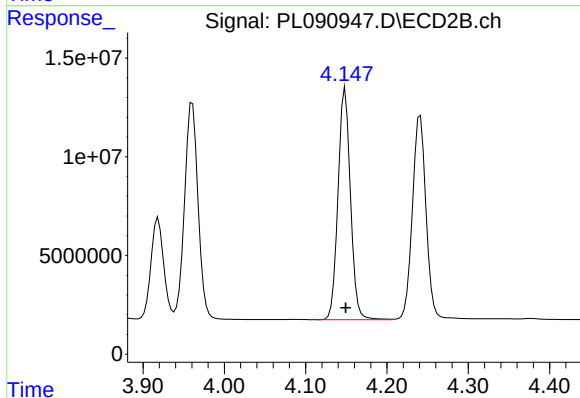
R.T.: 3.919 min  
Delta R.T.: 0.000 min  
Response: 56429495  
Conc: 53.05 ng/ml



#7 delta-BHC

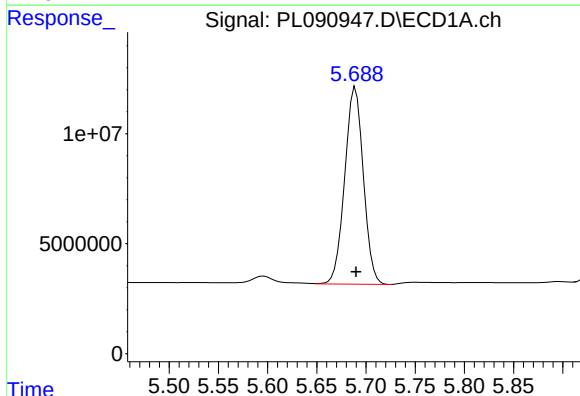
R.T.: 4.777 min  
Delta R.T.: 0.000 min  
Response: 129896253  
Conc: 51.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



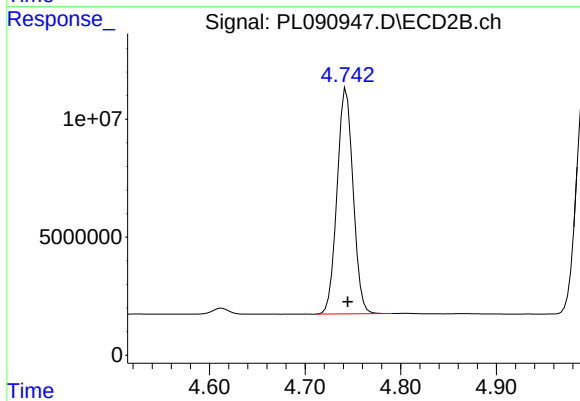
#7 delta-BHC

R.T.: 4.149 min  
Delta R.T.: 0.000 min  
Response: 124483397  
Conc: 55.70 ng/ml



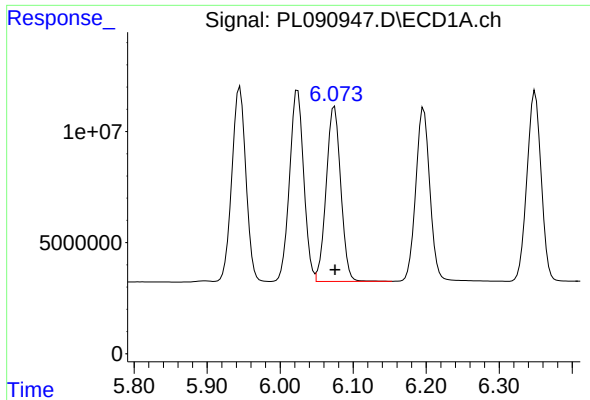
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: 0.000 min  
Response: 117953037  
Conc: 51.91 ng/ml



#8 Heptachlor epoxide

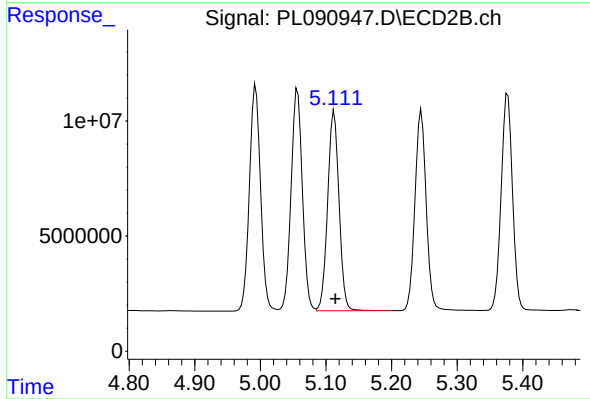
R.T.: 4.743 min  
Delta R.T.: -0.002 min  
Response: 111275570  
Conc: 54.59 ng/ml



#9 Endosulfan I

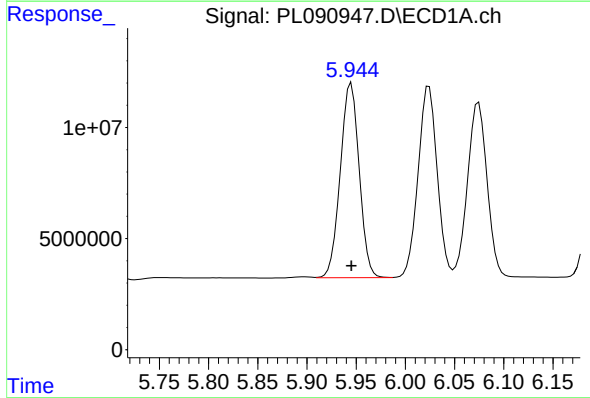
R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 109316672  
Conc: 52.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



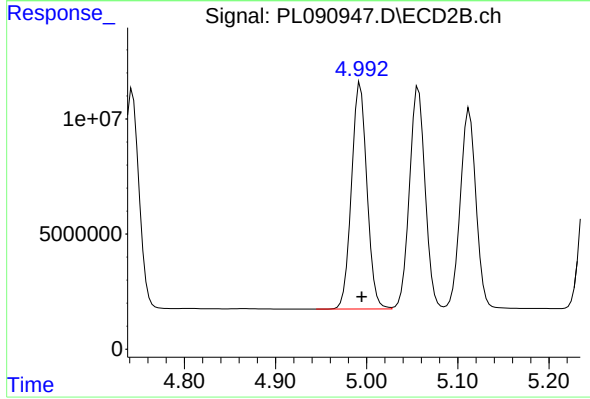
#9 Endosulfan I

R.T.: 5.113 min  
Delta R.T.: -0.002 min  
Response: 104698188  
Conc: 54.22 ng/ml



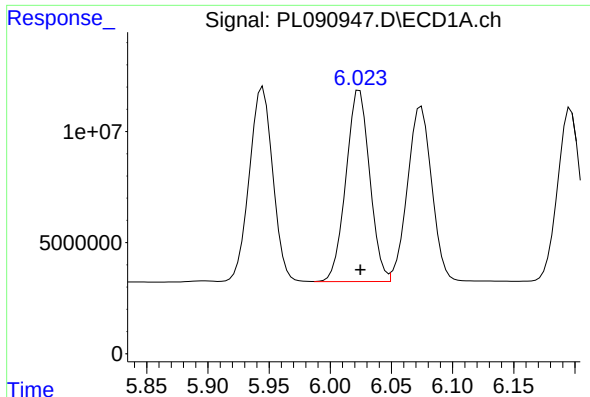
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 117113850  
Conc: 51.83 ng/ml



#10 gamma-Chlordane

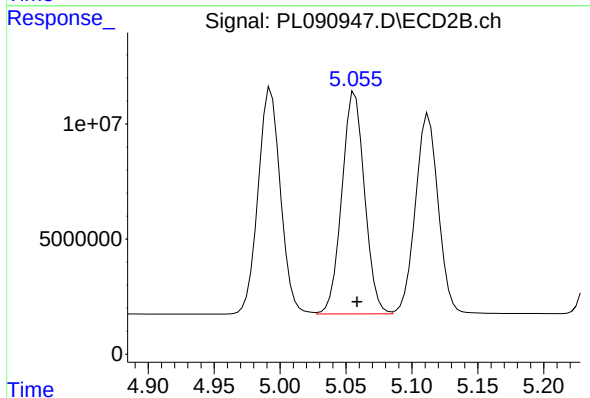
R.T.: 4.993 min  
Delta R.T.: -0.002 min  
Response: 115852649  
Conc: 54.25 ng/ml



#11 alpha-Chlordane

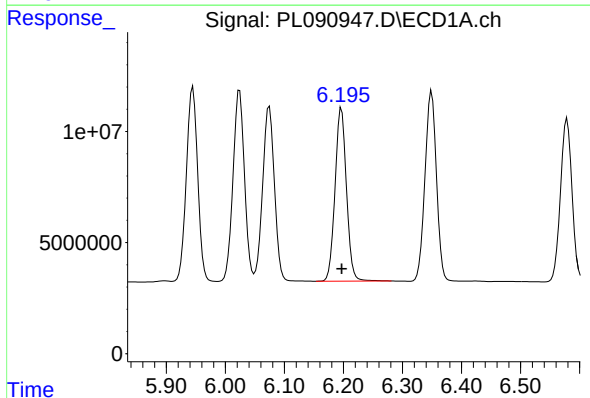
R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 116503621  
Conc: 52.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



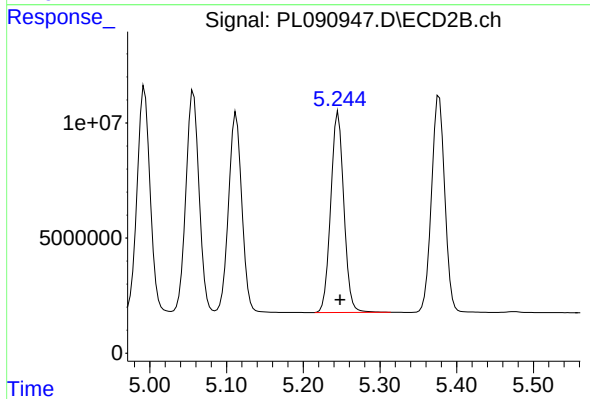
#11 alpha-Chlordane

R.T.: 5.057 min  
Delta R.T.: -0.002 min  
Response: 115317495  
Conc: 54.05 ng/ml



#12 4,4'-DDE

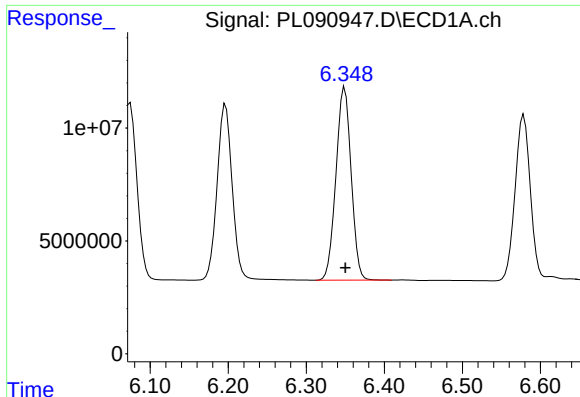
R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 104843749  
Conc: 52.89 ng/ml



#12 4,4'-DDE

R.T.: 5.246 min  
Delta R.T.: -0.002 min  
Response: 103423216  
Conc: 55.13 ng/ml

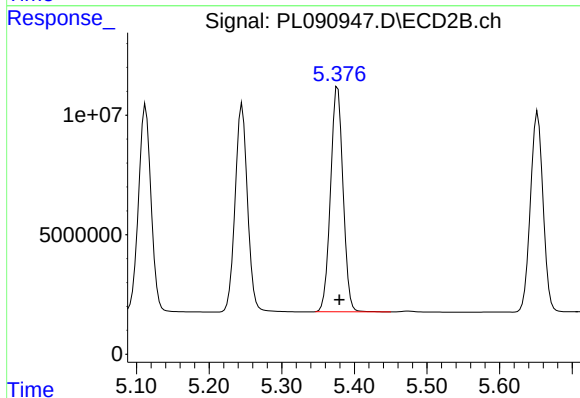




#13 Dieldrin

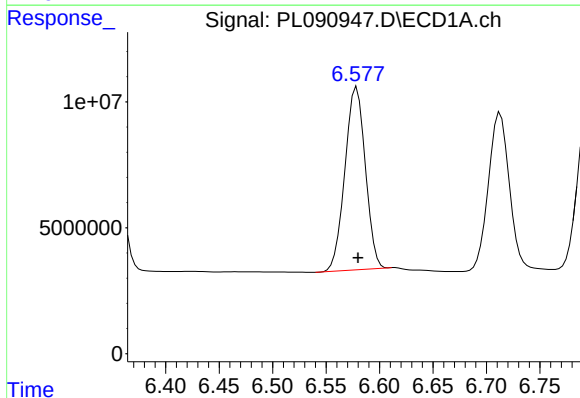
R.T.: 6.349 min  
Delta R.T.: 0.000 min  
Response: 115586709  
Conc: 52.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



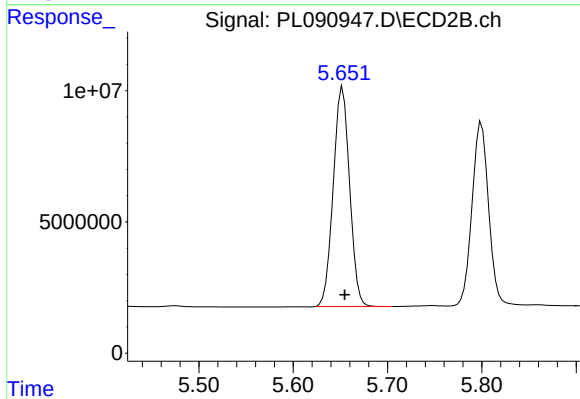
#13 Dieldrin

R.T.: 5.377 min  
Delta R.T.: -0.002 min  
Response: 113073969  
Conc: 54.76 ng/ml



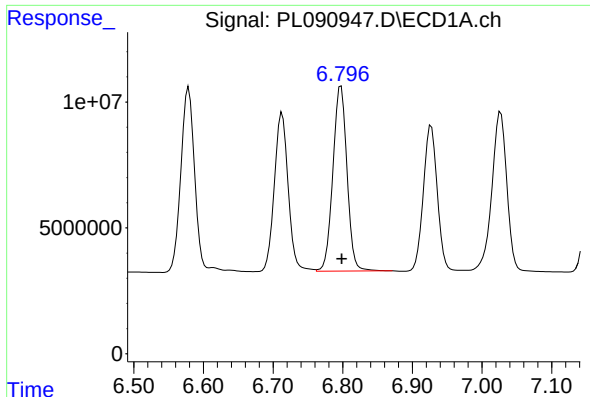
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: -0.001 min  
Response: 96758890  
Conc: 52.83 ng/ml



#14 Endrin

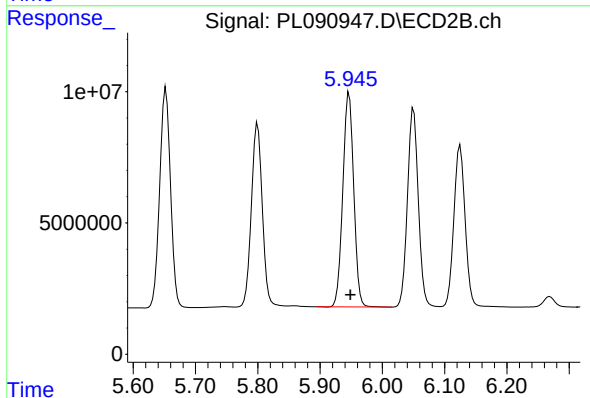
R.T.: 5.652 min  
Delta R.T.: -0.002 min  
Response: 100815311  
Conc: 55.17 ng/ml



#15 Endosulfan II

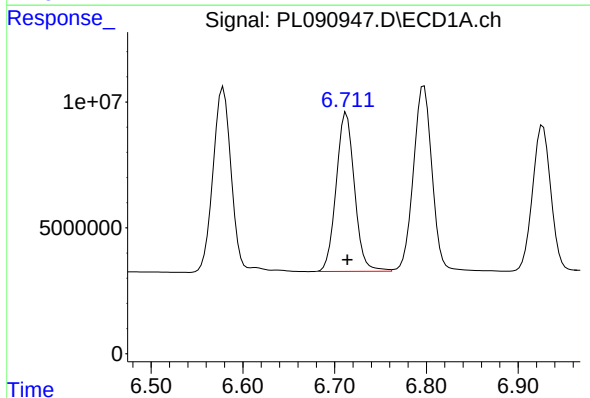
R.T.: 6.797 min  
Delta R.T.: -0.001 min  
Response: 103684739  
Conc: 51.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



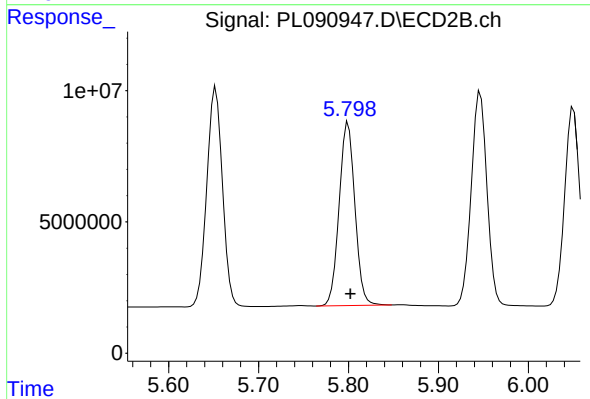
#15 Endosulfan II

R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 99566419  
Conc: 54.82 ng/ml



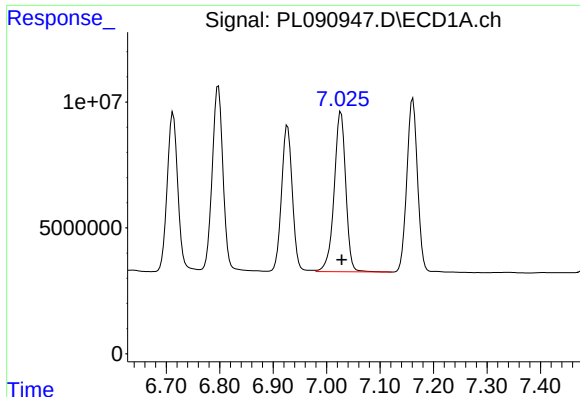
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: -0.001 min  
Response: 87413725  
Conc: 53.02 ng/ml



#16 4,4'-DDD

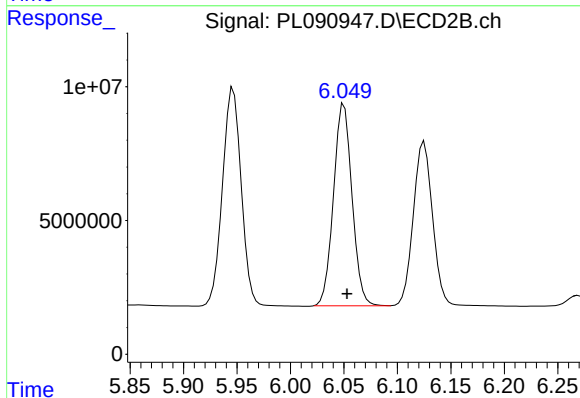
R.T.: 5.800 min  
Delta R.T.: -0.002 min  
Response: 84945232  
Conc: 54.74 ng/ml



#17 4,4'-DDT

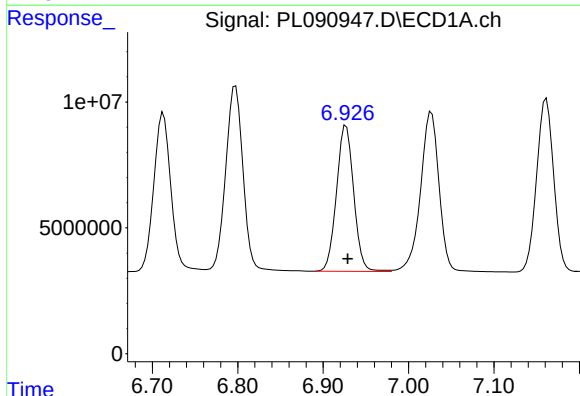
R.T.: 7.027 min  
Delta R.T.: -0.002 min  
Response: 95750700  
Conc: 53.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



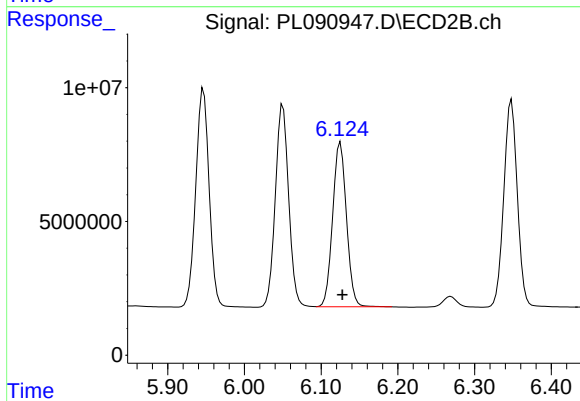
#17 4,4'-DDT

R.T.: 6.050 min  
Delta R.T.: -0.003 min  
Response: 91191766  
Conc: 54.99 ng/ml



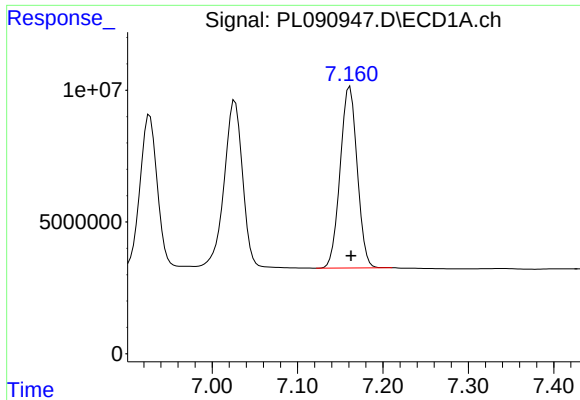
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: -0.002 min  
Response: 81038568  
Conc: 53.81 ng/ml



#18 Endrin aldehyde

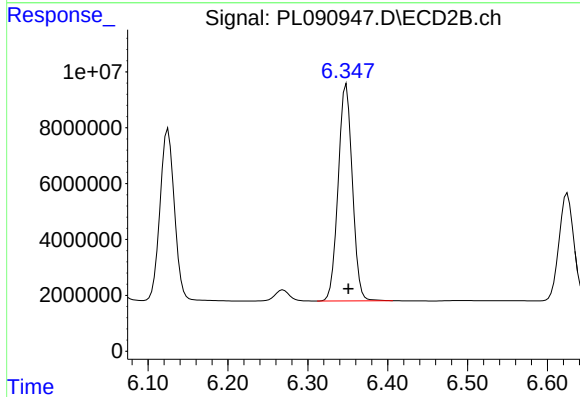
R.T.: 6.125 min  
Delta R.T.: -0.003 min  
Response: 77018681  
Conc: 54.40 ng/ml



#19 Endosulfan Sulfate

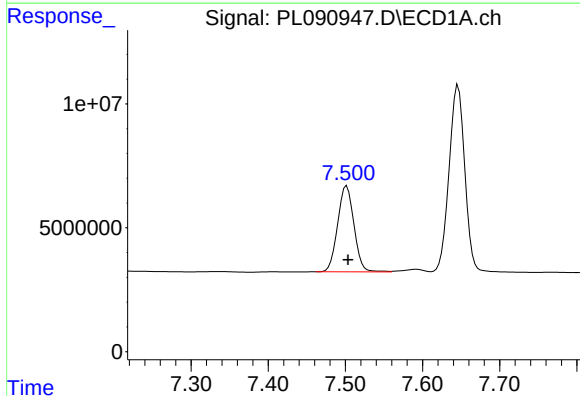
R.T.: 7.161 min  
Delta R.T.: -0.001 min  
Response: 95421625  
Conc: 53.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



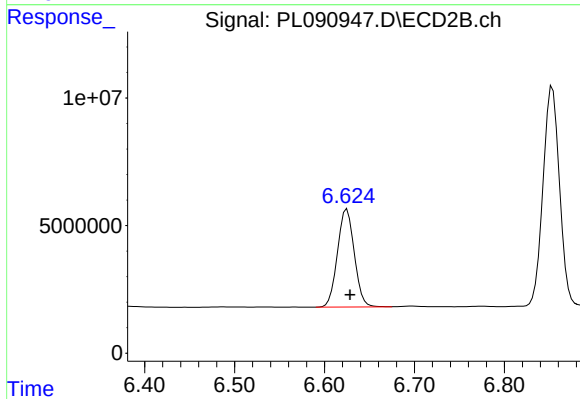
#19 Endosulfan Sulfate

R.T.: 6.348 min  
Delta R.T.: -0.003 min  
Response: 95693219  
Conc: 54.82 ng/ml



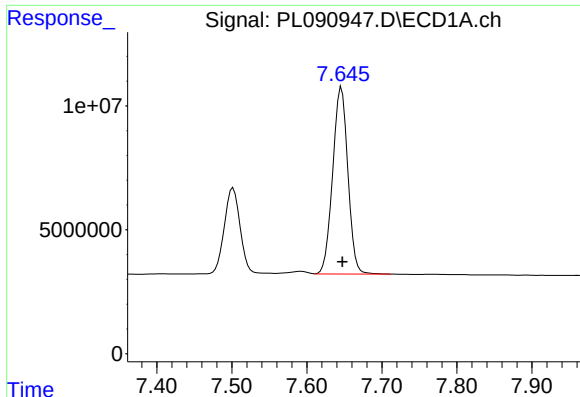
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: -0.002 min  
Response: 50991488  
Conc: 53.44 ng/ml



#20 Methoxychlor

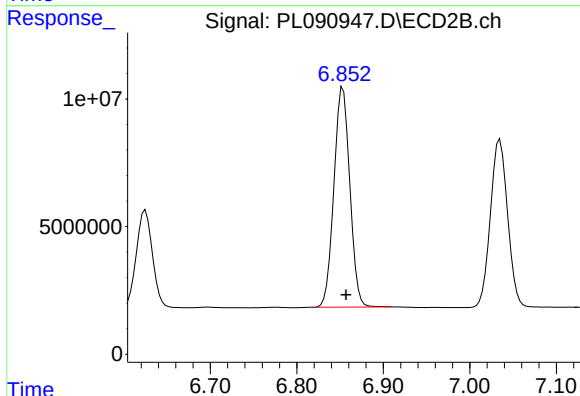
R.T.: 6.625 min  
Delta R.T.: -0.003 min  
Response: 49980735  
Conc: 54.15 ng/ml



#21 Endrin ketone

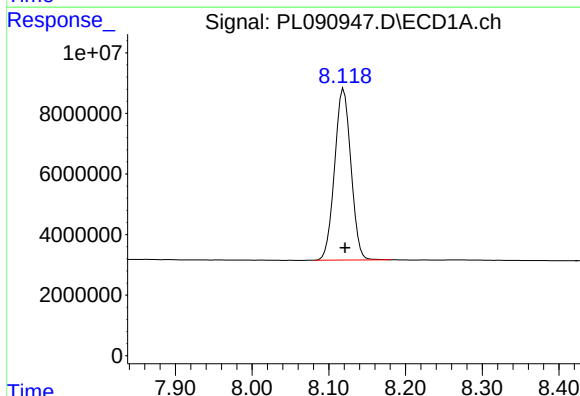
R.T.: 7.646 min  
Delta R.T.: -0.002 min  
Response: 106169606  
Conc: 53.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



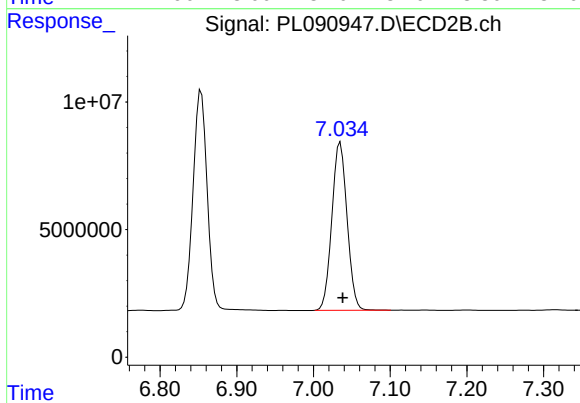
#21 Endrin ketone

R.T.: 6.853 min  
Delta R.T.: -0.004 min  
Response: 109593246  
Conc: 55.30 ng/ml



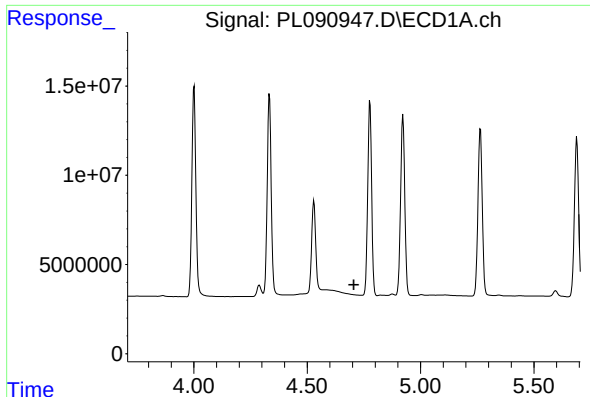
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: -0.002 min  
Response: 83638426  
Conc: 53.80 ng/ml



#22 Mirex

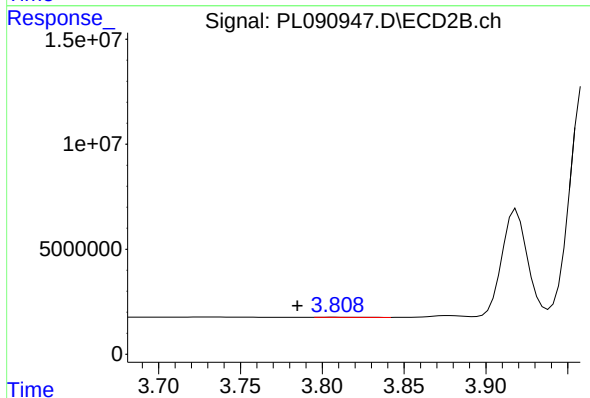
R.T.: 7.035 min  
Delta R.T.: -0.003 min  
Response: 90664727  
Conc: 53.99 ng/ml



#23 Chlordane-1

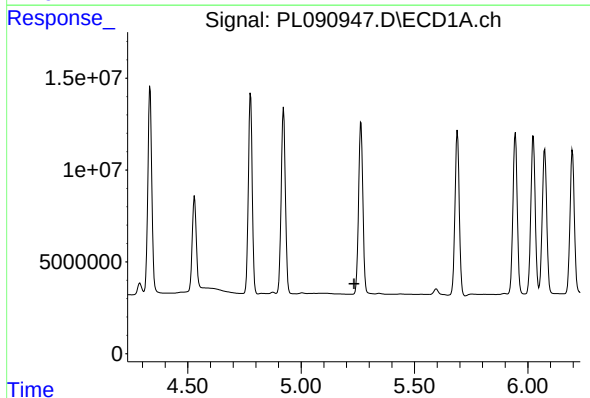
R.T.: 0.000 min  
Exp R.T.: 4.705 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



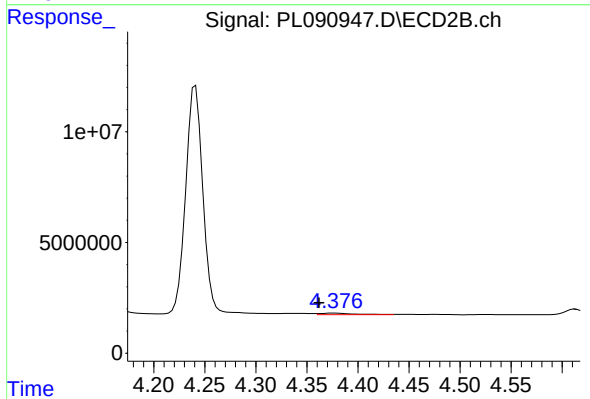
#23 Chlordane-1

R.T.: 3.808 min  
Delta R.T.: 0.023 min  
Response: 87765  
Conc: 1.30 ng/ml



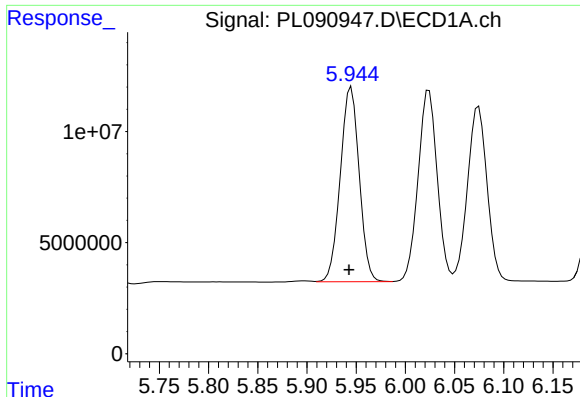
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.233 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

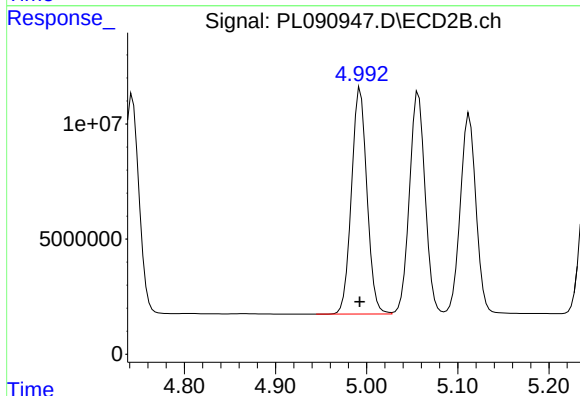
R.T.: 4.377 min  
Delta R.T.: 0.015 min  
Response: 1696188  
Conc: 20.39 ng/ml



#25 Chlordane-3

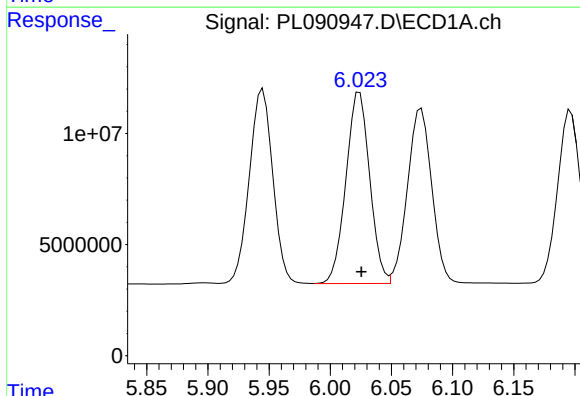
R.T.: 5.945 min  
Delta R.T.: 0.002 min  
Response: 117113850  
Conc: 356.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



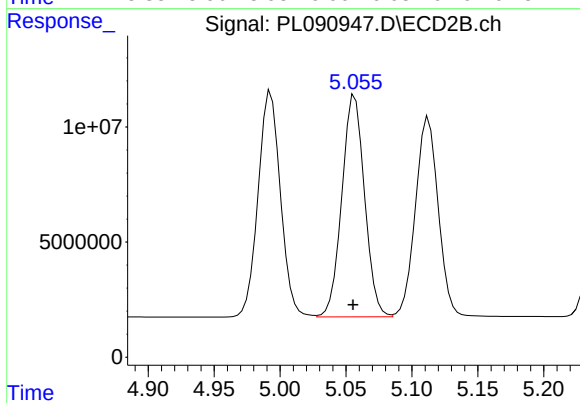
#25 Chlordane-3

R.T.: 4.993 min  
Delta R.T.: 0.000 min  
Response: 115852649  
Conc: 517.36 ng/ml



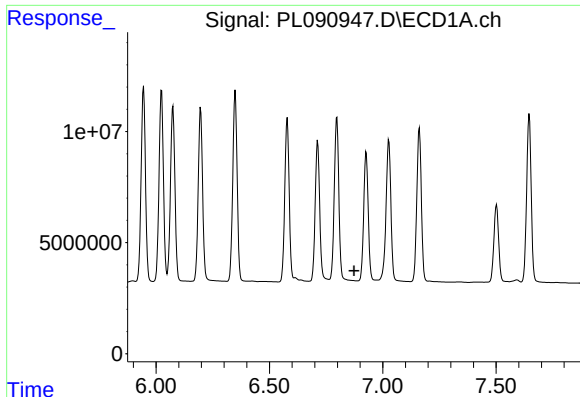
#26 Chlordane-4

R.T.: 6.024 min  
Delta R.T.: -0.001 min  
Response: 116503621  
Conc: 290.72 ng/ml



#26 Chlordane-4

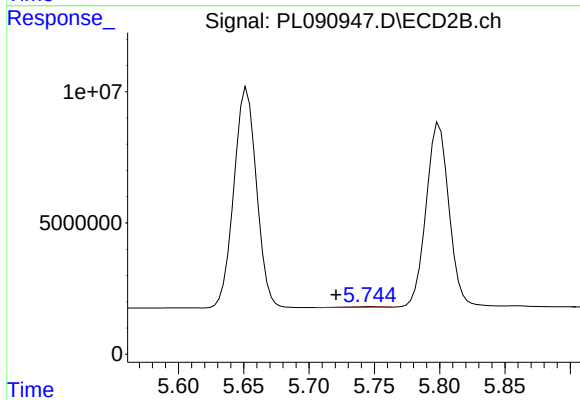
R.T.: 5.057 min  
Delta R.T.: 0.002 min  
Response: 115317495  
Conc: 538.97 ng/ml



#27 Chlordane-5

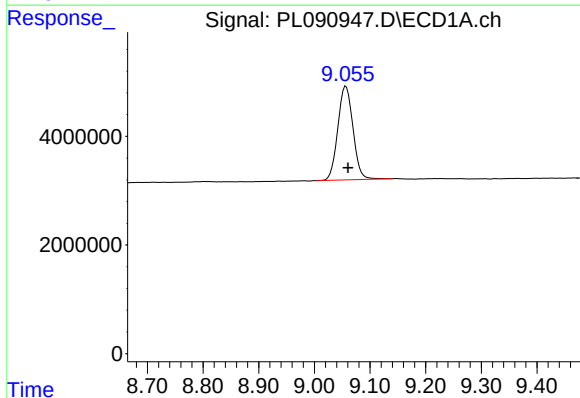
R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



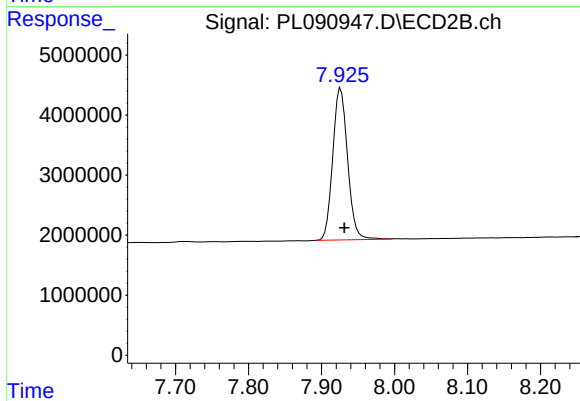
#27 Chlordane-5

R.T.: 5.747 min  
Delta R.T.: 0.027 min  
Response: 298917  
Conc: 4.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: -0.004 min  
Response: 32638899  
Conc: 22.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.926 min  
Delta R.T.: -0.005 min  
Response: 35762015  
Conc: 21.42 ng/ml