

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042523\  
 Data File : PL082324.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Apr 2023 13:51  
 Operator : AR\AJ  
 Sample : 02477-02MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 25 21:33:45 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 2023  
 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... | 3.324  | 2.648  | 39361759 | 31667998 | 14.736   | 13.669     |
| 28)                         | SA Decachlor... | 8.742  | 7.758  | 25627589 | 27913418 | 13.424   | 12.229     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.773  | 3.146  | 185.3E6  | 144.9E6  | 46.555   | 42.574     |
| 3)                          | MA gamma-BHC... | 4.101  | 3.473  | 179.4E6  | 144.3E6  | 47.994   | 44.874     |
| 4)                          | MA Heptachlor   | 4.679  | 3.805  | 164.9E6  | 142.7E6  | 45.135   | 41.687     |
| 5)                          | MB Aldrin       | 5.016  | 4.082  | 159.1E6  | 140.7E6  | 48.255   | 44.671     |
| 6)                          | B beta-BHC      | 4.304  | 3.773  | 75894084 | 58970425 | 44.500   | 43.221     |
| 7)                          | B delta-BHC     | 4.546  | 3.999  | 155.9E6  | 122.7E6  | 43.324   | 39.997     |
| 8)                          | B Heptachlo...  | 5.442  | 4.583  | 144.6E6  | 127.6E6  | 47.402   | 44.275     |
| 9)                          | A Endosulfan I  | 5.823  | 4.950  | 130.1E6  | 115.1E6  | 46.923   | 43.101     |
| 10)                         | B gamma-Chl...  | 5.697  | 4.832  | 140.4E6  | 126.2E6  | 46.700   | 43.486     |
| 11)                         | B alpha-Chl...  | 5.775  | 4.894  | 138.9E6  | 126.7E6  | 46.525   | 43.652     |
| 12)                         | B 4,4'-DDE      | 5.953  | 5.085  | 120.6E6  | 104.6E6  | 47.458   | 45.490     |
| 13)                         | MA Dieldrin     | 6.097  | 5.214  | 134.6E6  | 122.6E6  | 48.786   | 45.418     |
| 14)                         | MA Endrin       | 6.324  | 5.488  | 110.9E6  | 104.9E6  | 45.759   | 42.899     |
| 15)                         | B Endosulfa...  | 6.546  | 5.785  | 113.4E6  | 106.7E6  | 46.573   | 47.349     |
| 16)                         | A 4,4'-DDD      | 6.468  | 5.639  | 101.6E6  | 88066157 | 50.119   | 47.084     |
| 17)                         | MA 4,4'-DDT     | 6.780  | 5.888  | 96490689 | 87654897 | 42.178   | 41.492     |
| 18)                         | B Endrin al...  | 6.676  | 5.965  | 92364518 | 85672070 | 49.021   | 45.780     |
| 19)                         | B Endosulfa...  | 6.911  | 6.188  | 109.4E6  | 102.1E6  | 46.125   | 43.372     |
| 20)                         | A Methoxychlor  | 7.260  | 6.467  | 54017897 | 51602564 | 44.265   | 42.582     |
| 21)                         | B Endrin ke...  | 7.390  | 6.692  | 120.4E6  | 119.6E6  | 50.292   | 47.104     |
| 22)                         | Mirex           | 7.854  | 6.863  | 90601033 | 99640043 | 46.312   | 43.242     |
| 23)                         | Chlordane-1     | 0.000  | 3.651f | 0        | 381360   | N.D.     | 4.300 #    |
| 24)                         | Chlordane-2     | 5.016f | 4.222  | 159.1E6  | 972577   | 1336.588 | 8.673 #    |
| 25)                         | Chlordane-3     | 5.697  | 4.832  | 140.4E6  | 126.2E6  | 325.274  | 444.156 #  |
| 26)                         | Chlordane-4     | 5.775  | 4.894  | 138.9E6  | 126.7E6  | 267.082  | 424.639 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.785  | 0        | 106.7E6  | N.D.     | 1081.220 # |
| -----                       |                 |        |        |          |          |          |            |

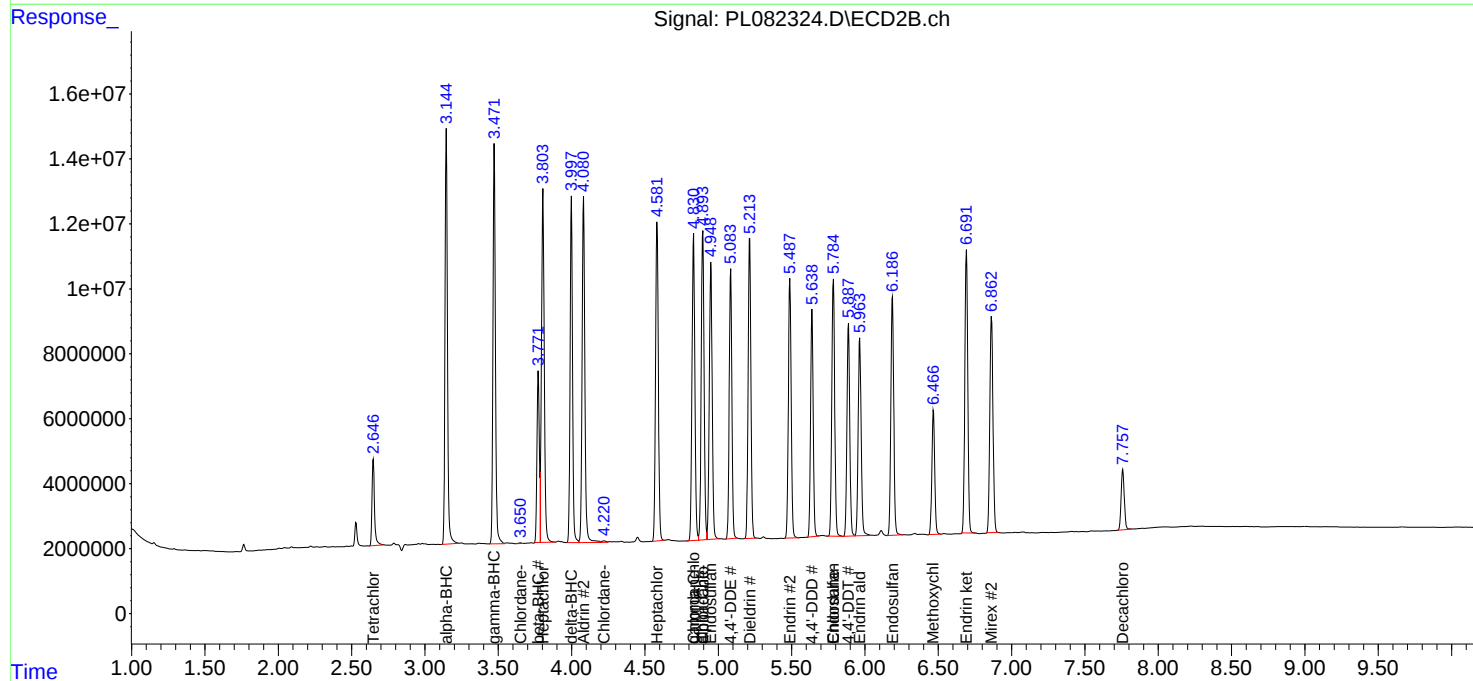
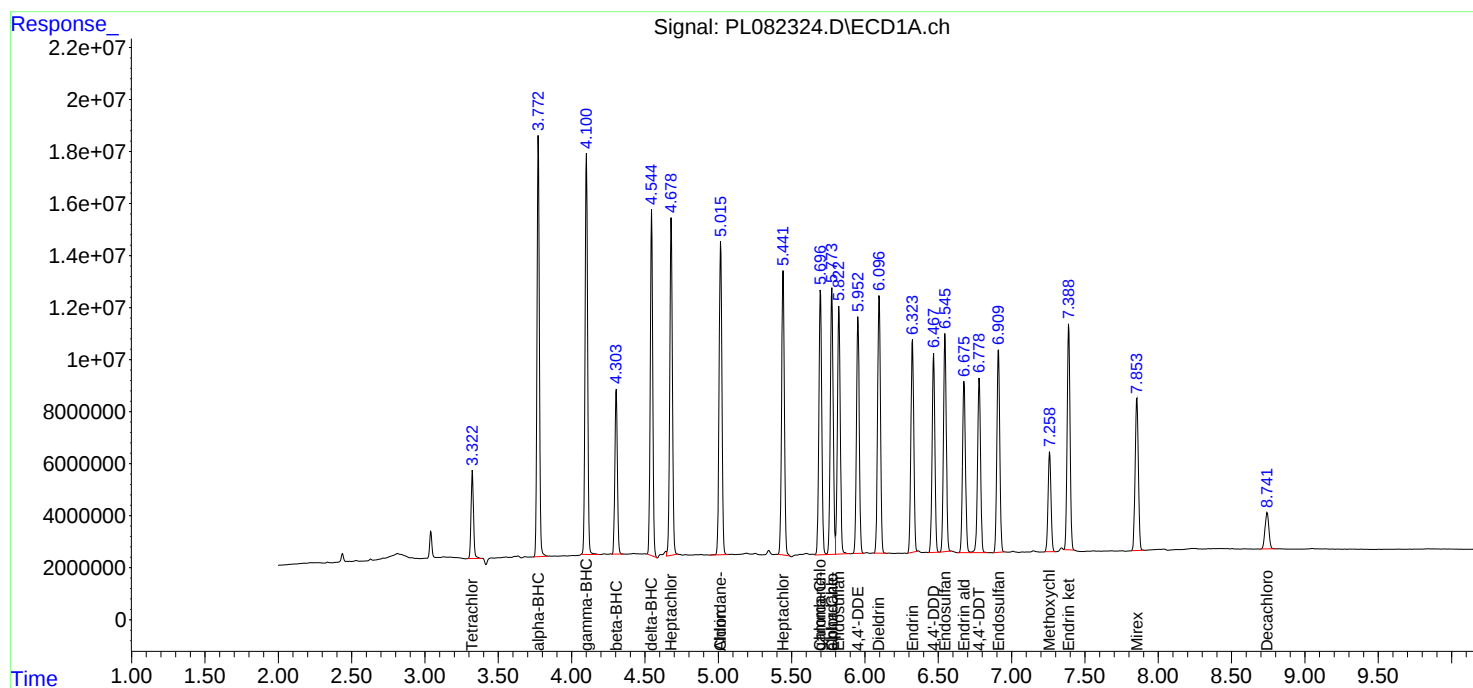
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

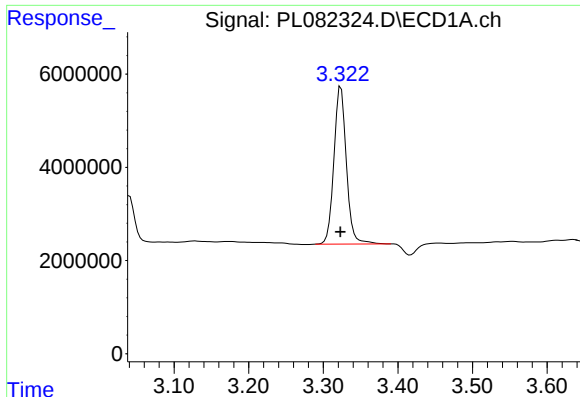
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042523\  
Data File : PL082324.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Apr 2023 13:51  
Operator : AR\AJ  
Sample : 02477-02MS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 25 21:33:45 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 2023  
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

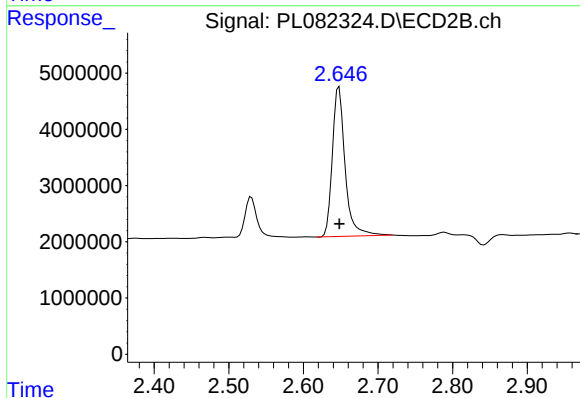




#1 Tetrachloro-m-xylene

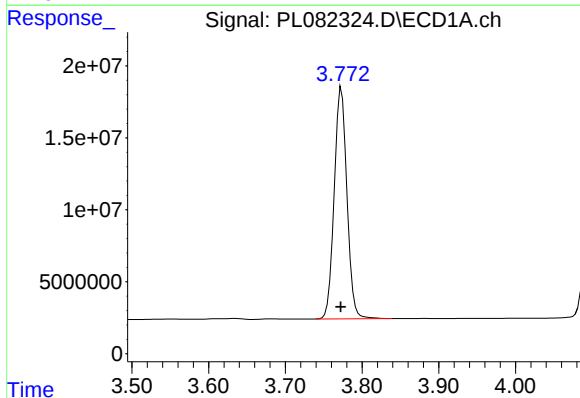
R.T.: 3.324 min  
Delta R.T.: 0.000 min  
Response: 39361759  
Conc: 14.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



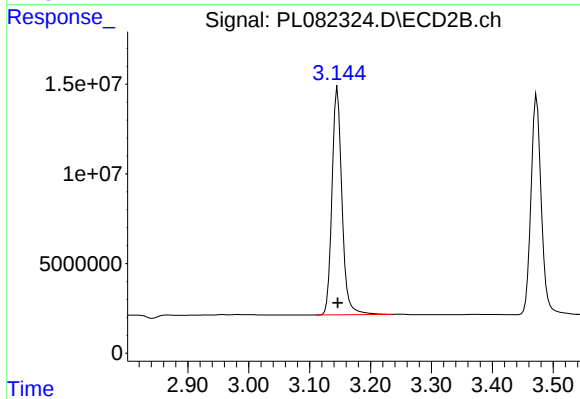
#1 Tetrachloro-m-xylene

R.T.: 2.648 min  
Delta R.T.: 0.000 min  
Response: 31667998  
Conc: 13.67 ng/ml



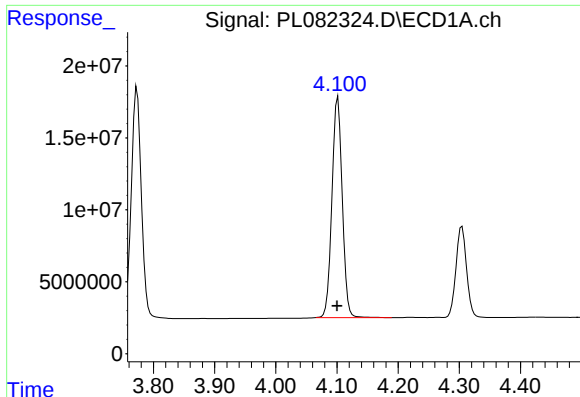
#2 alpha-BHC

R.T.: 3.773 min  
Delta R.T.: 0.000 min  
Response: 185300217  
Conc: 46.55 ng/ml



#2 alpha-BHC

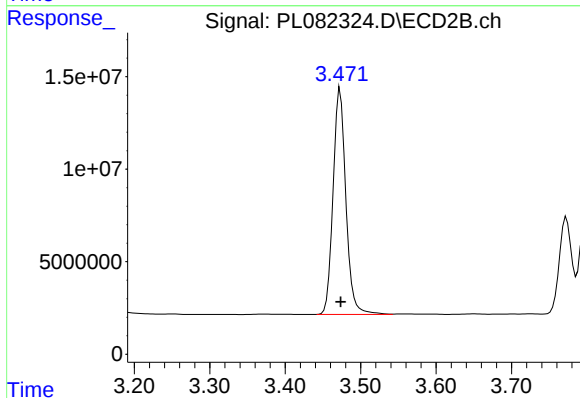
R.T.: 3.146 min  
Delta R.T.: 0.000 min  
Response: 144900964  
Conc: 42.57 ng/ml



#3 gamma-BHC (Lindane)

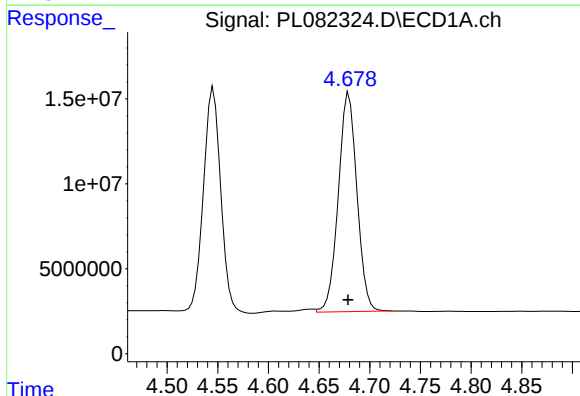
R.T.: 4.101 min  
Delta R.T.: 0.001 min  
Response: 179444681  
Conc: 47.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



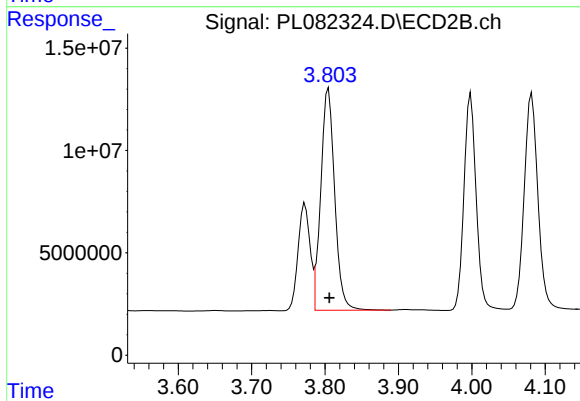
#3 gamma-BHC (Lindane)

R.T.: 3.473 min  
Delta R.T.: 0.000 min  
Response: 144284120  
Conc: 44.87 ng/ml



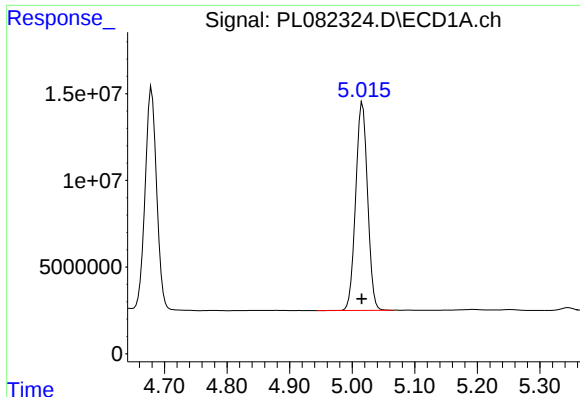
#4 Heptachlor

R.T.: 4.679 min  
Delta R.T.: 0.000 min  
Response: 164920267  
Conc: 45.14 ng/ml



#4 Heptachlor

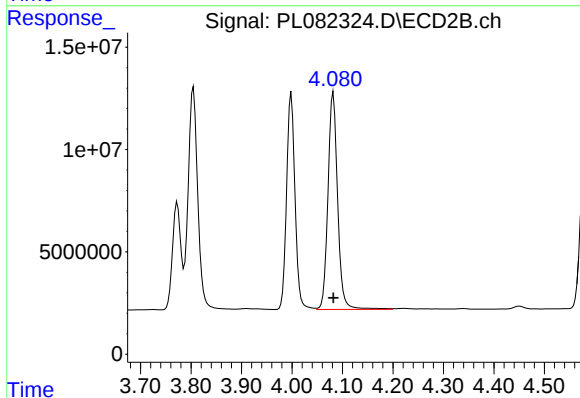
R.T.: 3.805 min  
Delta R.T.: -0.001 min  
Response: 142704162  
Conc: 41.69 ng/ml



#5 Aldrin

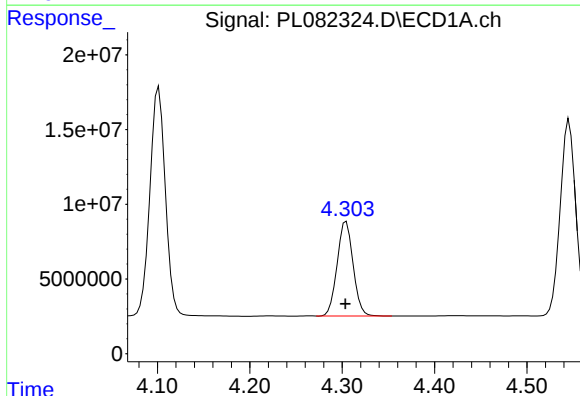
R.T.: 5.016 min  
Delta R.T.: 0.000 min  
Response: 159124147  
Conc: 48.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



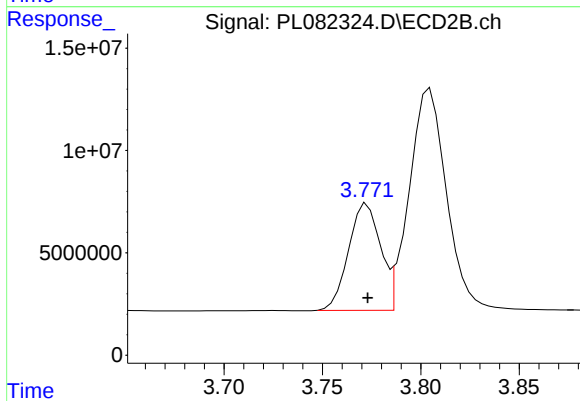
#5 Aldrin

R.T.: 4.082 min  
Delta R.T.: 0.000 min  
Response: 140708786  
Conc: 44.67 ng/ml



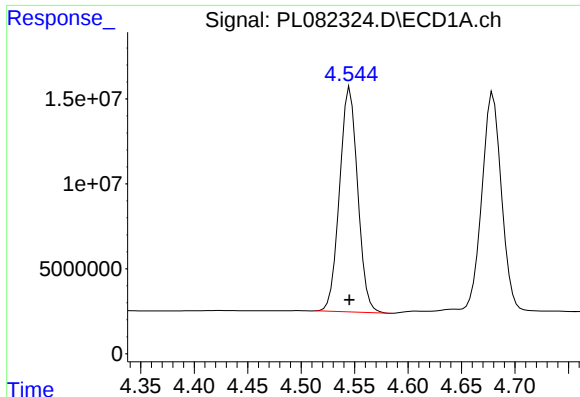
#6 beta-BHC

R.T.: 4.304 min  
Delta R.T.: 0.000 min  
Response: 75894084  
Conc: 44.50 ng/ml



#6 beta-BHC

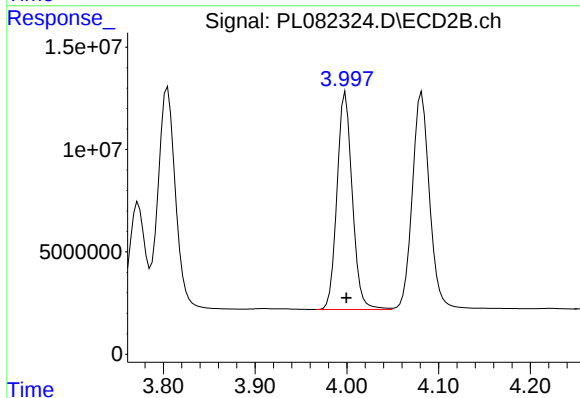
R.T.: 3.773 min  
Delta R.T.: 0.000 min  
Response: 58970425  
Conc: 43.22 ng/ml



#7 delta-BHC

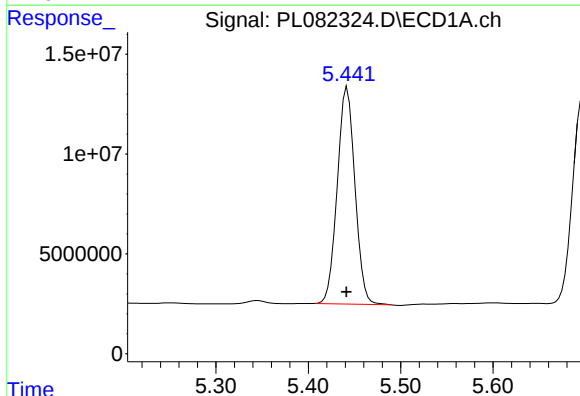
R.T.: 4.546 min  
Delta R.T.: 0.000 min  
Response: 155869005  
Conc: 43.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



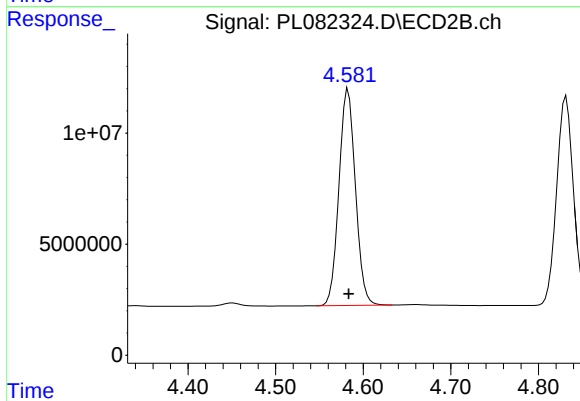
#7 delta-BHC

R.T.: 3.999 min  
Delta R.T.: -0.001 min  
Response: 122685631  
Conc: 40.00 ng/ml



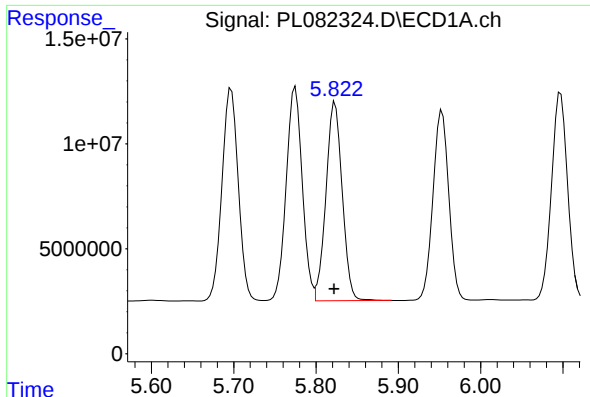
#8 Heptachlor epoxide

R.T.: 5.442 min  
Delta R.T.: 0.001 min  
Response: 144593897  
Conc: 47.40 ng/ml



#8 Heptachlor epoxide

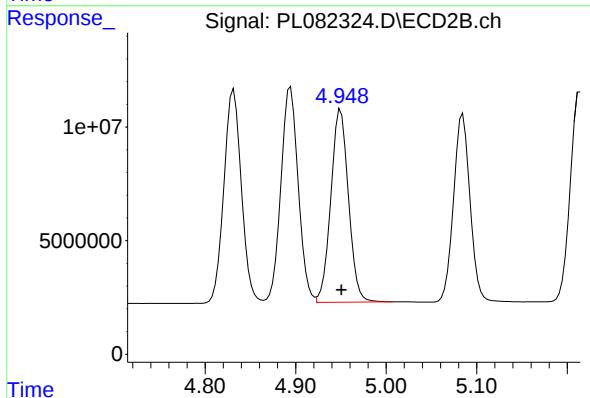
R.T.: 4.583 min  
Delta R.T.: 0.000 min  
Response: 127551349  
Conc: 44.28 ng/ml



#9 Endosulfan I

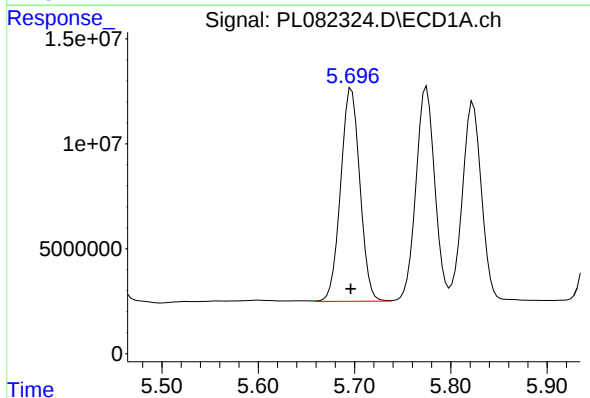
R.T.: 5.823 min  
Delta R.T.: 0.000 min  
Response: 130103992  
Conc: 46.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



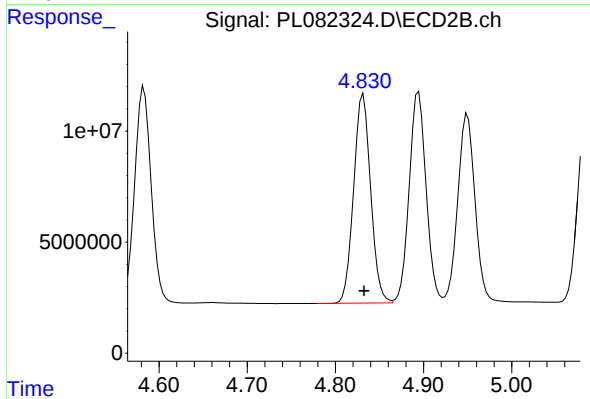
#9 Endosulfan I

R.T.: 4.950 min  
Delta R.T.: 0.000 min  
Response: 115056594  
Conc: 43.10 ng/ml



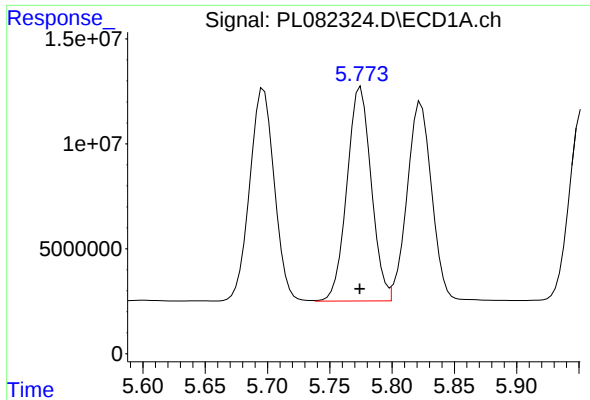
#10 gamma-Chlordane

R.T.: 5.697 min  
Delta R.T.: 0.000 min  
Response: 140422083  
Conc: 46.70 ng/ml



#10 gamma-Chlordane

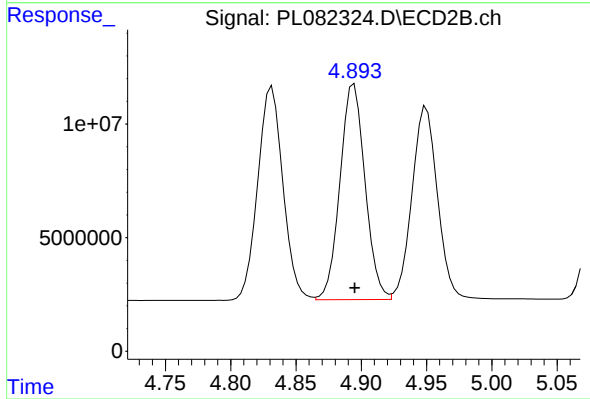
R.T.: 4.832 min  
Delta R.T.: 0.000 min  
Response: 126189179  
Conc: 43.49 ng/ml



#11 alpha-Chlordane

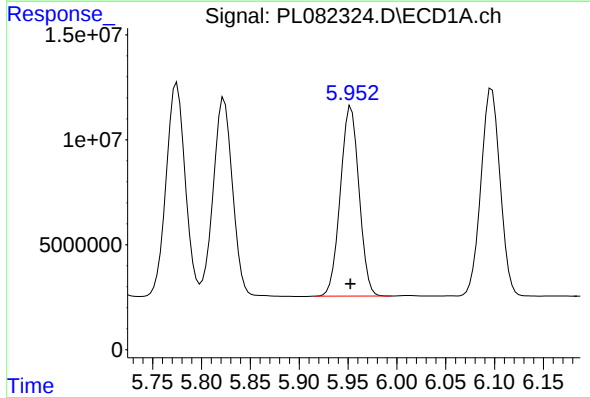
R.T.: 5.775 min  
Delta R.T.: 0.000 min  
Response: 138859977  
Conc: 46.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



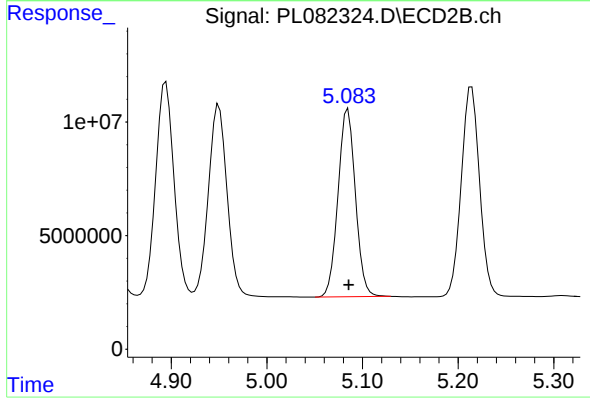
#11 alpha-Chlordane

R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 126715200  
Conc: 43.65 ng/ml



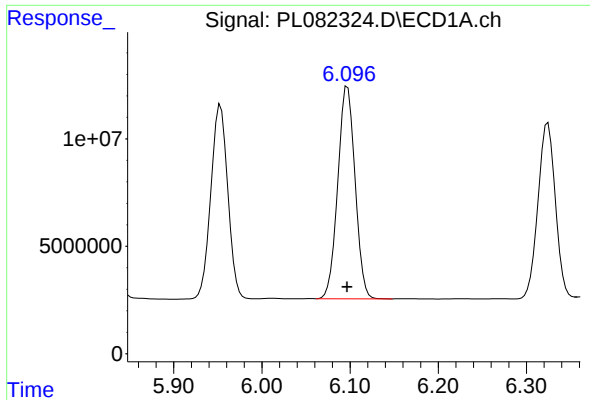
#12 4,4'-DDE

R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 120638848  
Conc: 47.46 ng/ml



#12 4,4'-DDE

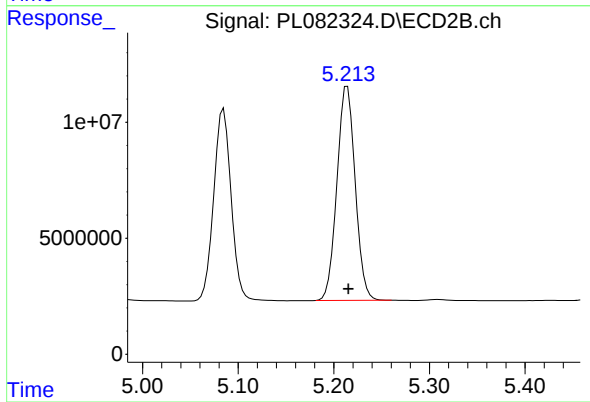
R.T.: 5.085 min  
Delta R.T.: 0.000 min  
Response: 104578980  
Conc: 45.49 ng/ml



#13 Dieldrin

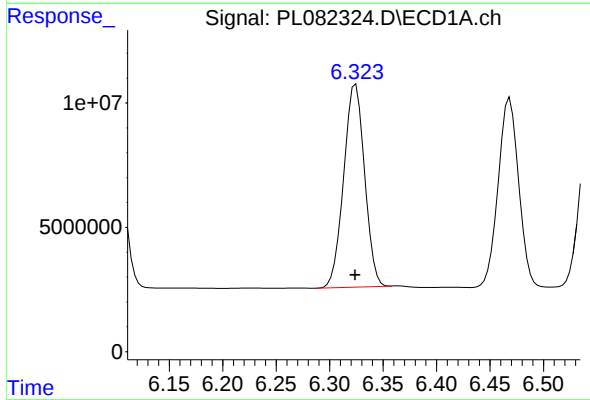
R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 134607558  
Conc: 48.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



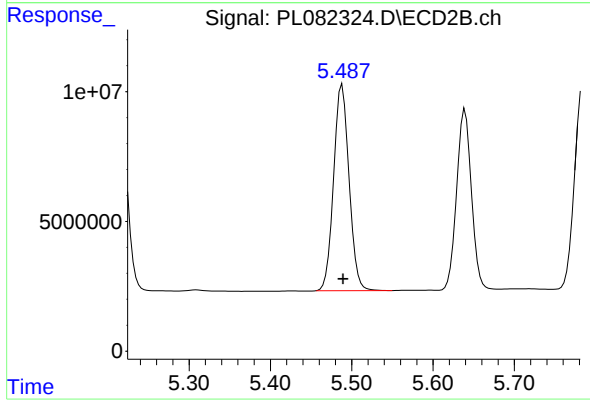
#13 Dieldrin

R.T.: 5.214 min  
Delta R.T.: -0.001 min  
Response: 122646868  
Conc: 45.42 ng/ml



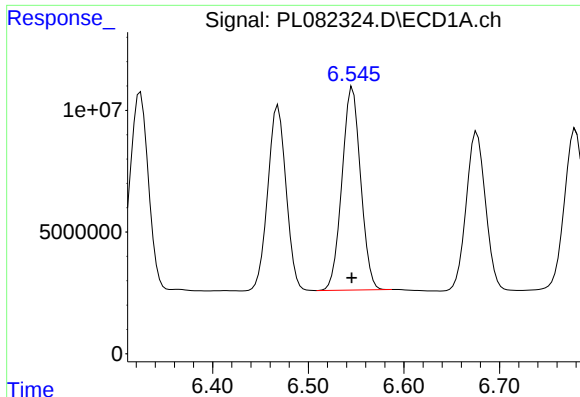
#14 Endrin

R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 110944125  
Conc: 45.76 ng/ml



#14 Endrin

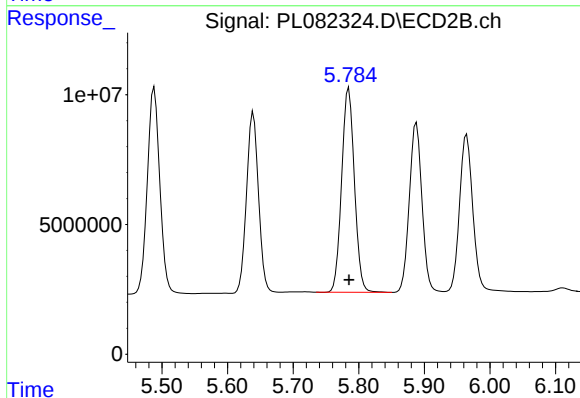
R.T.: 5.488 min  
Delta R.T.: -0.001 min  
Response: 104928951  
Conc: 42.90 ng/ml



#15 Endosulfan II

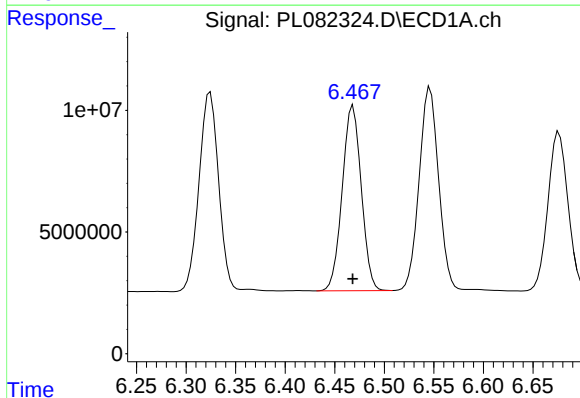
R.T.: 6.546 min  
Delta R.T.: 0.000 min  
Response: 113385204  
Conc: 46.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



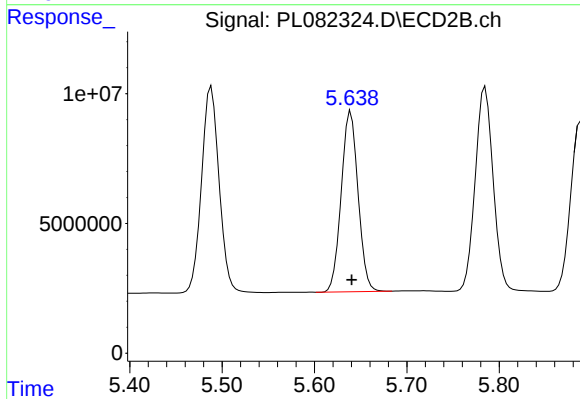
#15 Endosulfan II

R.T.: 5.785 min  
Delta R.T.: 0.000 min  
Response: 106729804  
Conc: 47.35 ng/ml



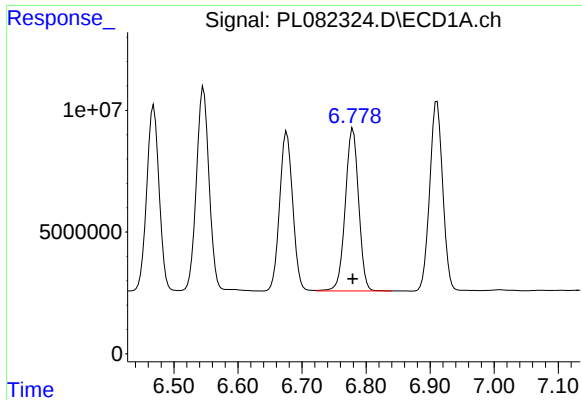
#16 4,4'-DDD

R.T.: 6.468 min  
Delta R.T.: 0.000 min  
Response: 101602086  
Conc: 50.12 ng/ml



#16 4,4'-DDD

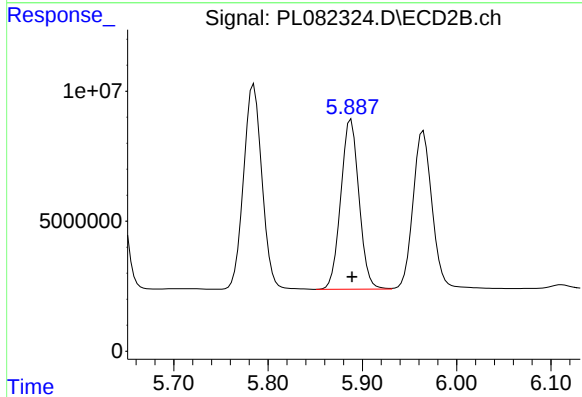
R.T.: 5.639 min  
Delta R.T.: 0.000 min  
Response: 88066157  
Conc: 47.08 ng/ml



#17 4,4'-DDT

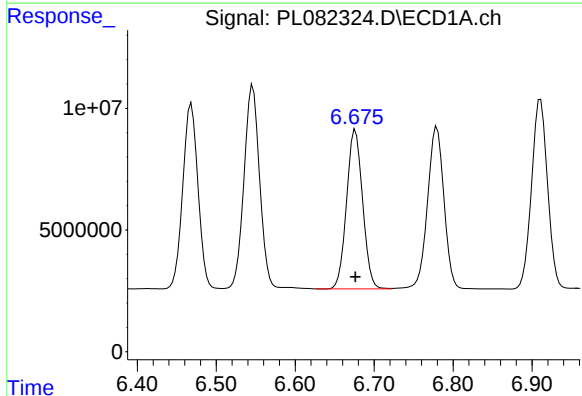
R.T.: 6.780 min  
Delta R.T.: 0.000 min  
Response: 96490689  
Conc: 42.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



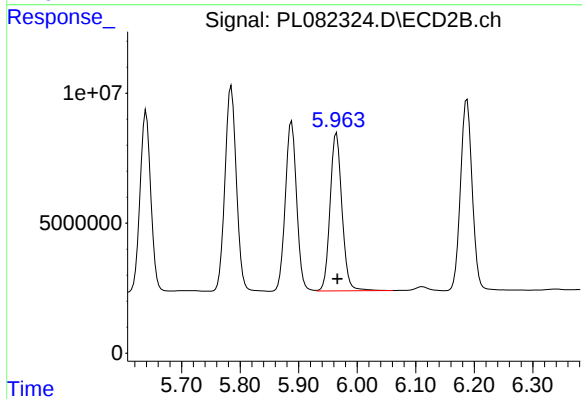
#17 4,4'-DDT

R.T.: 5.888 min  
Delta R.T.: -0.001 min  
Response: 87654897  
Conc: 41.49 ng/ml



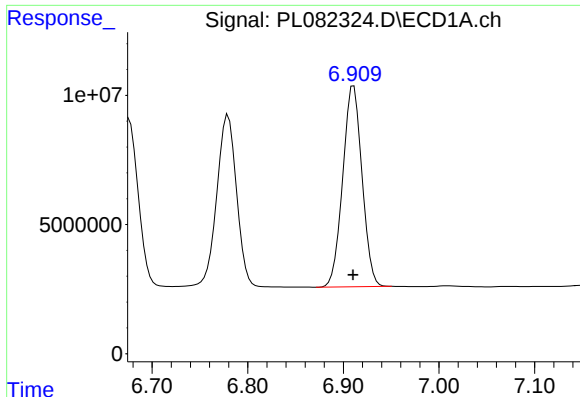
#18 Endrin aldehyde

R.T.: 6.676 min  
Delta R.T.: 0.000 min  
Response: 92364518  
Conc: 49.02 ng/ml



#18 Endrin aldehyde

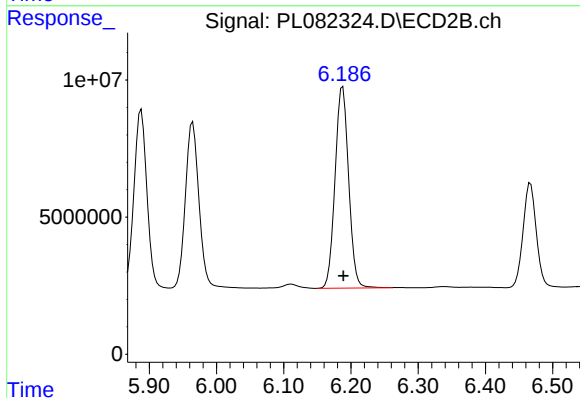
R.T.: 5.965 min  
Delta R.T.: -0.002 min  
Response: 85672070  
Conc: 45.78 ng/ml



#19 Endosulfan Sulfate

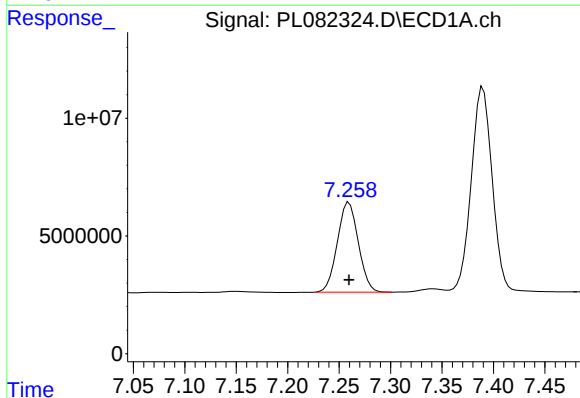
R.T.: 6.911 min  
Delta R.T.: 0.000 min  
Response: 109388135  
Conc: 46.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



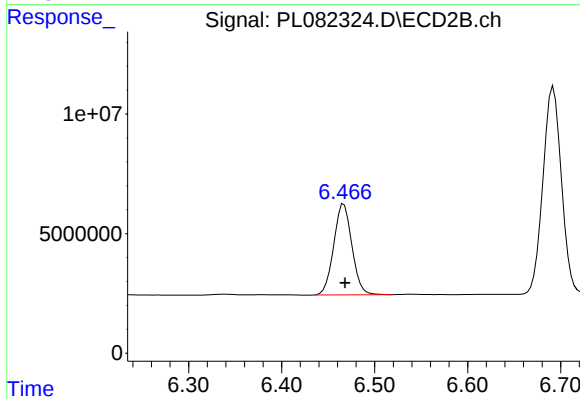
#19 Endosulfan Sulfate

R.T.: 6.188 min  
Delta R.T.: 0.000 min  
Response: 102109680  
Conc: 43.37 ng/ml



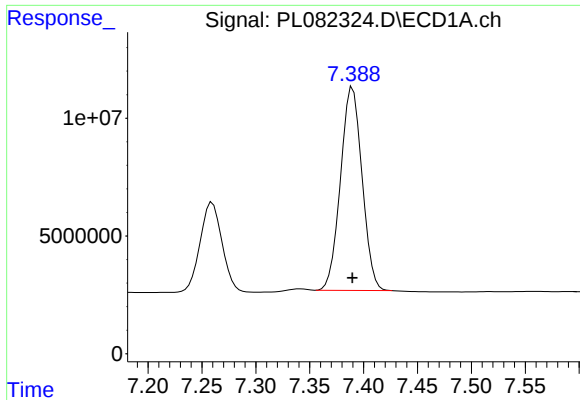
#20 Methoxychlor

R.T.: 7.260 min  
Delta R.T.: 0.000 min  
Response: 54017897  
Conc: 44.26 ng/ml



#20 Methoxychlor

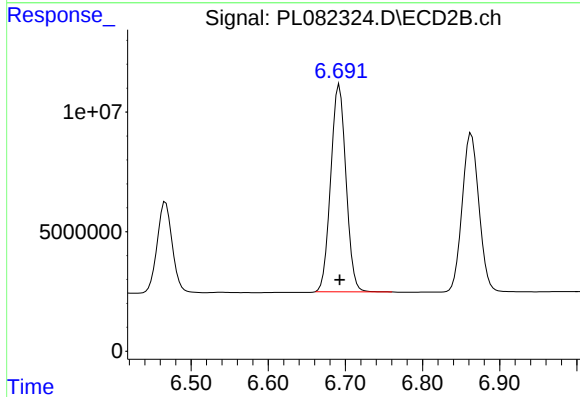
R.T.: 6.467 min  
Delta R.T.: -0.001 min  
Response: 51602564  
Conc: 42.58 ng/ml



#21 Endrin ketone

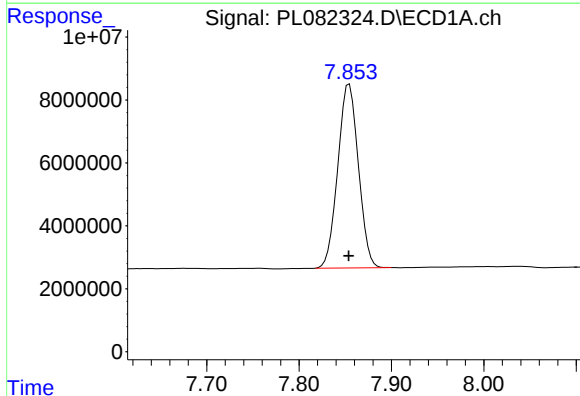
R.T.: 7.390 min  
Delta R.T.: 0.000 min  
Response: 120418501  
Conc: 50.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



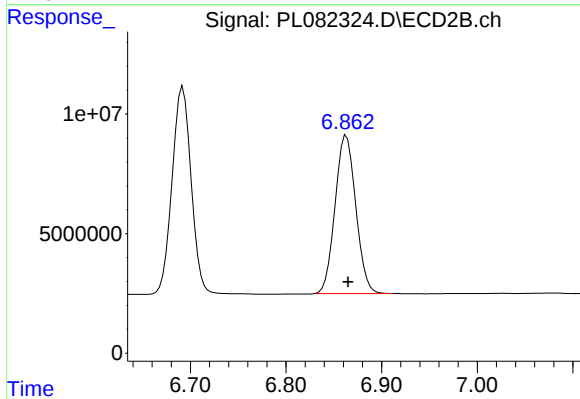
#21 Endrin ketone

R.T.: 6.692 min  
Delta R.T.: 0.000 min  
Response: 119558872  
Conc: 47.10 ng/ml



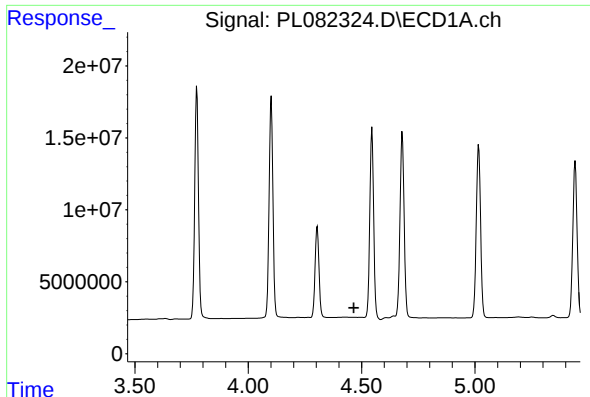
#22 Mirex

R.T.: 7.854 min  
Delta R.T.: 0.000 min  
Response: 90601033  
Conc: 46.31 ng/ml



#22 Mirex

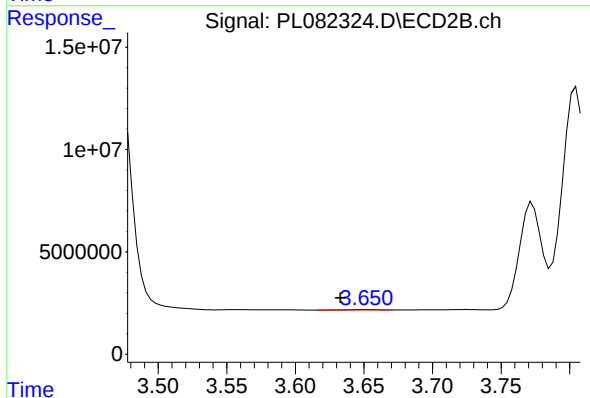
R.T.: 6.863 min  
Delta R.T.: -0.002 min  
Response: 99640043  
Conc: 43.24 ng/ml



#23 Chlordane-1

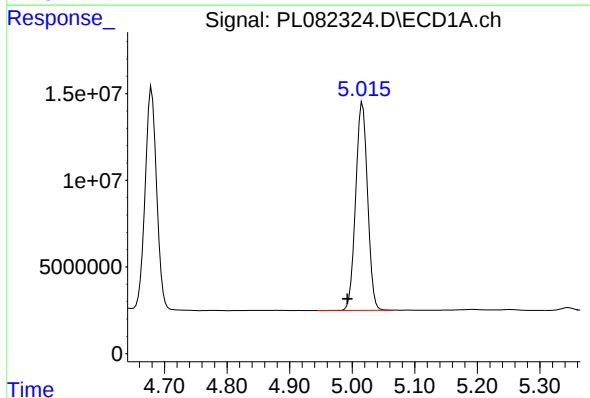
R.T.: 0.000 min  
Exp R.T.: 4.466 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



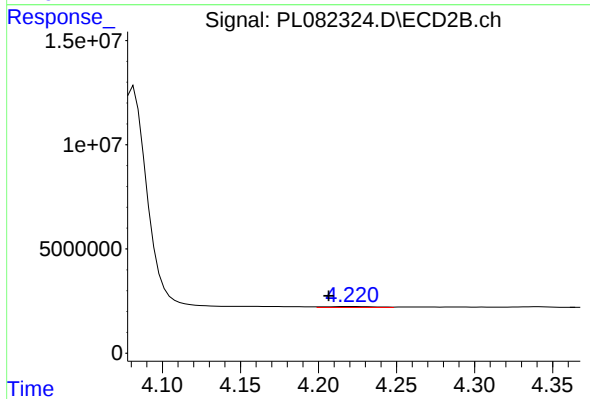
#23 Chlordane-1

R.T.: 3.651 min  
Delta R.T.: 0.018 min  
Response: 381360  
Conc: 4.30 ng/ml



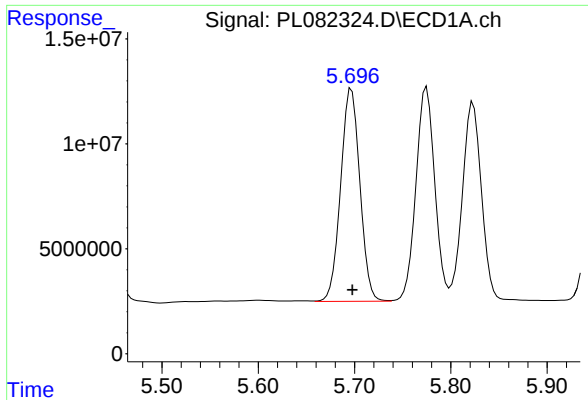
#24 Chlordane-2

R.T.: 5.016 min  
Delta R.T.: 0.024 min  
Response: 159124147  
Conc: 1336.59 ng/ml



#24 Chlordane-2

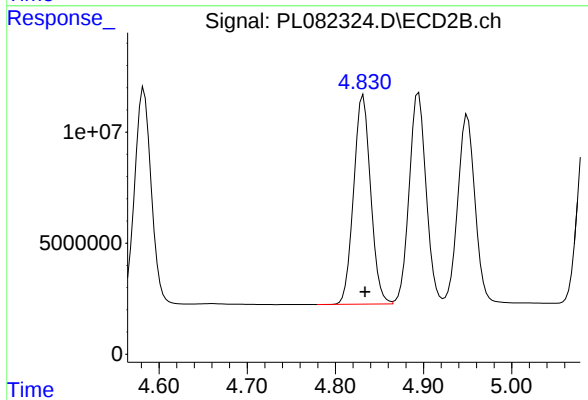
R.T.: 4.222 min  
Delta R.T.: 0.015 min  
Response: 972577  
Conc: 8.67 ng/ml



#25 Chlordane-3

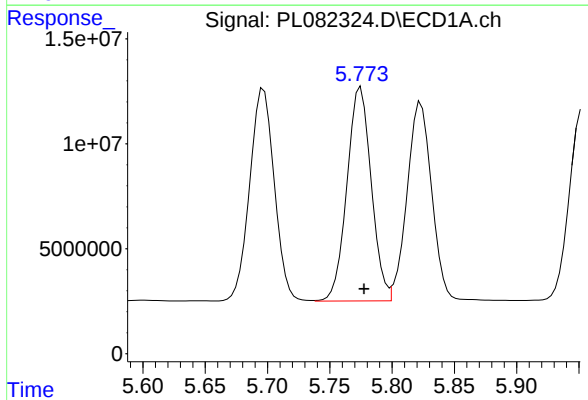
R.T.: 5.697 min  
Delta R.T.: 0.000 min  
Response: 140422083  
Conc: 325.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



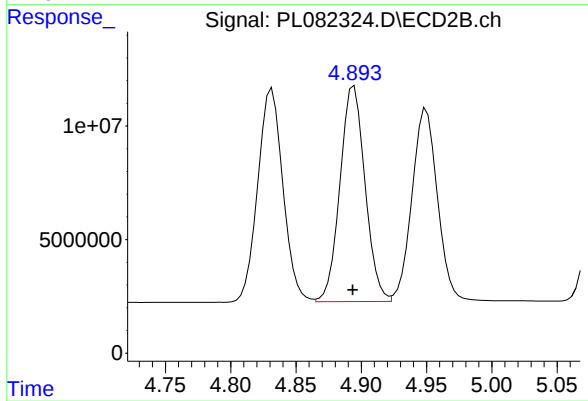
#25 Chlordane-3

R.T.: 4.832 min  
Delta R.T.: -0.002 min  
Response: 126189179  
Conc: 444.16 ng/ml



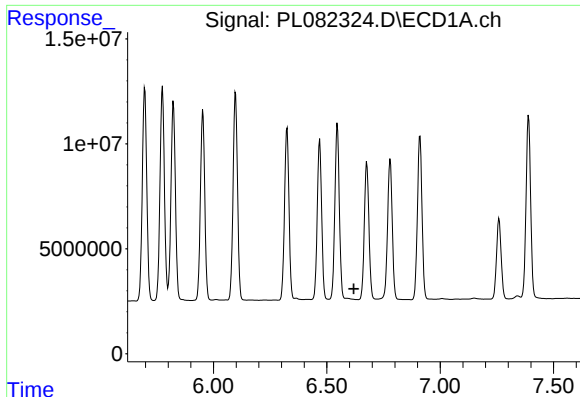
#26 Chlordane-4

R.T.: 5.775 min  
Delta R.T.: -0.003 min  
Response: 138859977  
Conc: 267.08 ng/ml



#26 Chlordane-4

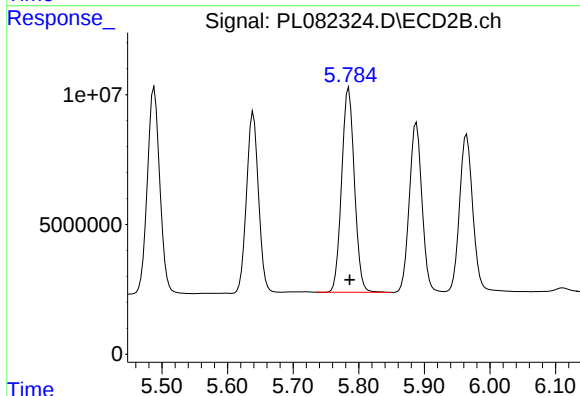
R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 126715200  
Conc: 424.64 ng/ml



#27 Chlordane-5

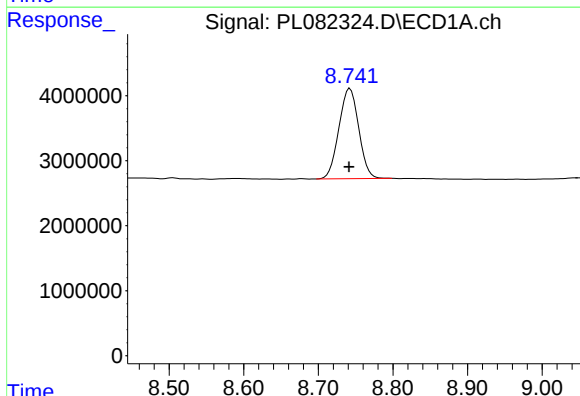
R.T.: 0.000 min  
Exp R.T.: 6.619 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



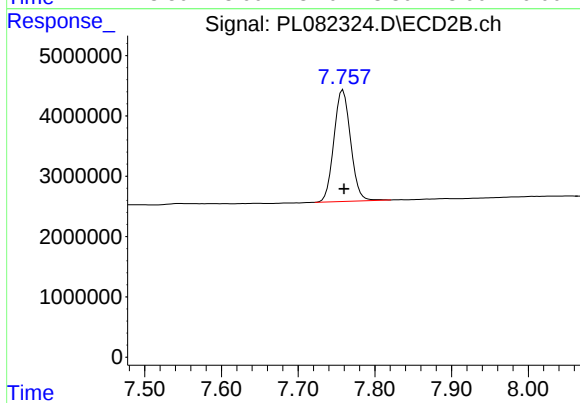
#27 Chlordane-5

R.T.: 5.785 min  
Delta R.T.: -0.001 min  
Response: 106729804  
Conc: 1081.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.742 min  
Delta R.T.: 0.001 min  
Response: 25627589  
Conc: 13.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.758 min  
Delta R.T.: -0.002 min  
Response: 27913418  
Conc: 12.23 ng/ml