

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021725\  
 Data File : PL094225.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Feb 2025 11:55  
 Operator : AR\AJ  
 Sample : PB166724BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB166724BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 18 00:51:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.538  | 2.773 | 47520356 | 55136074 | 17.647   | 16.891     |
| 28)                         | SA Decachlor... | 9.055  | 7.909 | 42520415 | 68965502 | 20.326   | 19.682     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.995  | 3.276 | 163.9E6  | 212.0E6  | 42.741   | 43.353     |
| 3)                          | MA gamma-BHC... | 4.327  | 3.606 | 157.4E6  | 202.5E6  | 42.729   | 42.711     |
| 4)                          | MA Heptachlor   | 4.915  | 3.944 | 153.1E6  | 211.0E6  | 46.720   | 45.330     |
| 5)                          | MB Aldrin       | 5.257  | 4.223 | 145.1E6  | 196.5E6  | 44.338   | 43.073     |
| 6)                          | B beta-BHC      | 4.526  | 3.906 | 71611418 | 89786781 | 44.553   | 44.951     |
| 7)                          | B delta-BHC     | 4.773  | 4.134 | 154.1E6  | 199.4E6  | 43.968   | 41.970     |
| 8)                          | B Heptachlo...  | 5.683  | 4.726 | 132.6E6  | 187.7E6  | 44.582   | 44.897     |
| 9)                          | A Endosulfan I  | 6.069  | 5.095 | 120.3E6  | 176.4E6  | 45.514   | 45.497     |
| 10)                         | B gamma-Chl...  | 5.940  | 4.976 | 130.0E6  | 196.4E6  | 46.640   | 46.344     |
| 11)                         | B alpha-Chl...  | 6.019  | 5.039 | 128.3E6  | 192.7E6  | 46.015   | 46.018     |
| 12)                         | B 4,4'-DDE      | 6.193  | 5.228 | 118.5E6  | 191.2E6  | 48.689   | 47.680     |
| 13)                         | MA Dieldrin     | 6.344  | 5.360 | 125.5E6  | 197.4E6  | 45.201   | 45.944     |
| 14)                         | MA Endrin       | 6.574  | 5.635 | 105.2E6  | 171.9E6  | 44.857   | 46.554     |
| 15)                         | B Endosulfa...  | 6.795  | 5.930 | 109.8E6  | 177.7E6  | 45.584   | 47.979     |
| 16)                         | A 4,4'-DDD      | 6.711  | 5.783 | 92784244 | 154.4E6  | 48.819   | 48.916     |
| 17)                         | MA 4,4'-DDT     | 7.024  | 6.033 | 100.4E6  | 167.5E6  | 50.926   | 51.484     |
| 18)                         | B Endrin al...  | 6.924  | 6.109 | 86128763 | 139.5E6  | 44.304   | 45.806     |
| 19)                         | B Endosulfa...  | 7.159  | 6.332 | 102.0E6  | 168.5E6  | 45.041   | 47.252     |
| 20)                         | A Methoxychlor  | 7.500  | 6.608 | 52321599 | 88573000 | 50.145   | 49.534     |
| 21)                         | B Endrin ke...  | 7.644  | 6.837 | 115.4E6  | 202.0E6  | 45.732   | 48.142     |
| 22)                         | Mirex           | 8.116  | 7.017 | 87715275 | 150.9E6  | 42.120   | 44.610     |
| 23)                         | Chlordane-1     | 0.000  | 3.777 | 0        | 72030    | N.D.     | 0.577 #    |
| 24)                         | Chlordane-2     | 5.257f | 4.362 | 145.1E6  | -771553  | 1239.094 | N.D. #     |
| 25)                         | Chlordane-3     | 5.940  | 4.976 | 130.0E6  | 196.4E6  | 331.417  | 451.655 #  |
| 26)                         | Chlordane-4     | 6.019  | 5.039 | 128.3E6  | 192.7E6  | 272.936  | 454.733 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.930 | 0        | 177.7E6  | N.D.     | 1160.242 # |
| -----                       |                 |        |       |          |          |          |            |

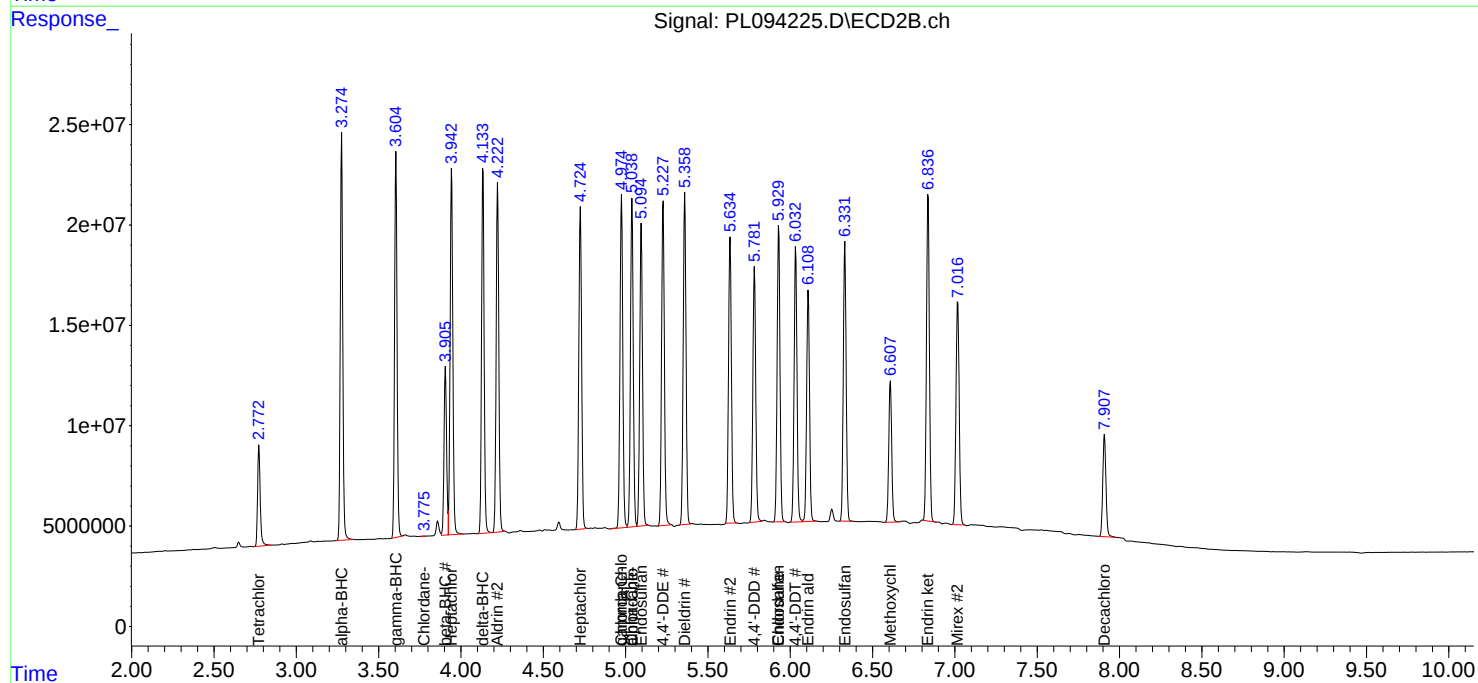
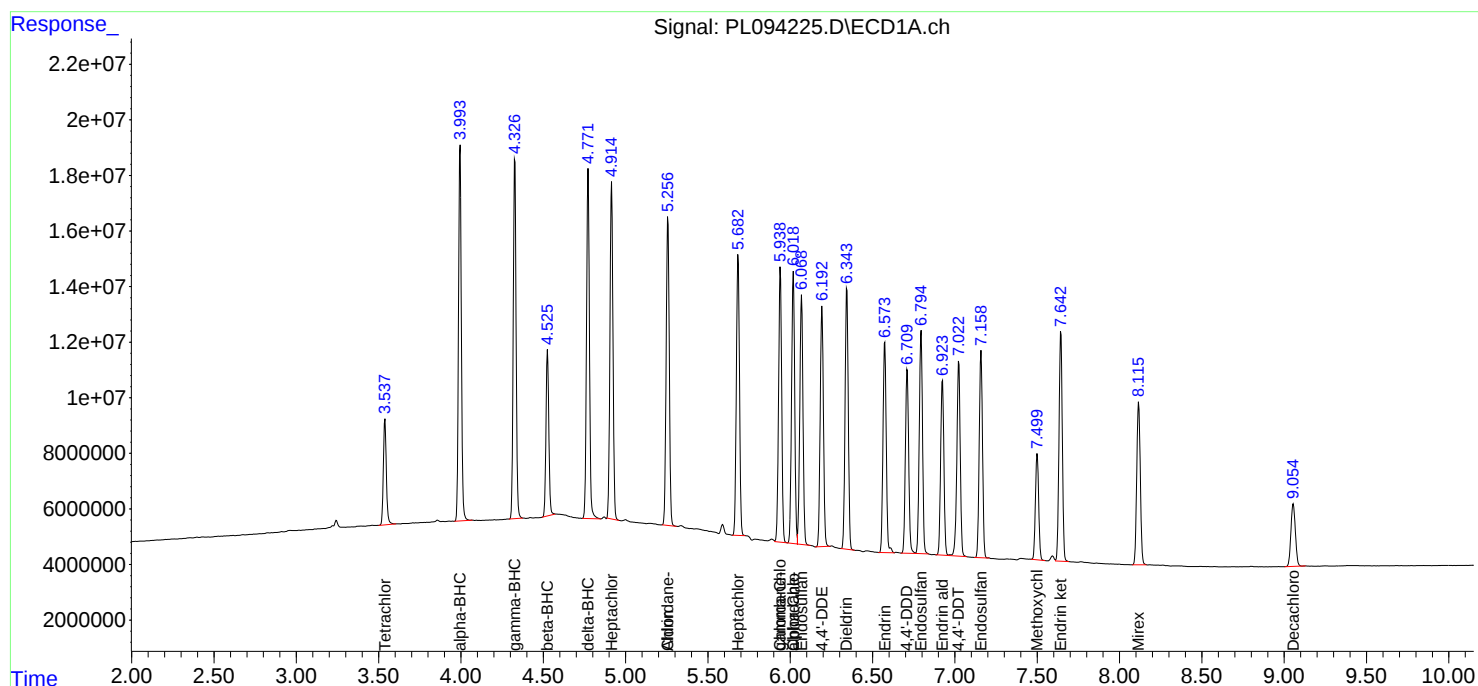
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

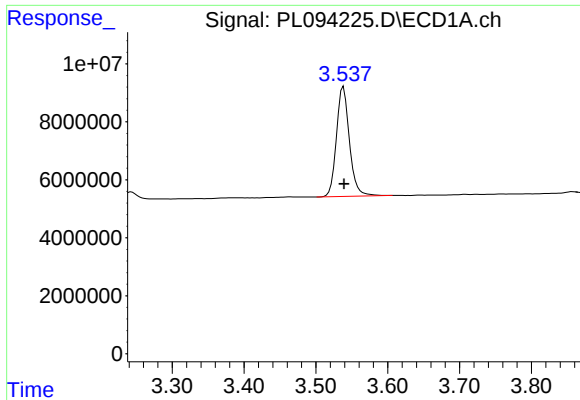
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021725\  
Data File : PL094225.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Feb 2025 11:55  
Operator : AR\AJ  
Sample : PB166724BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 18 00:51:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

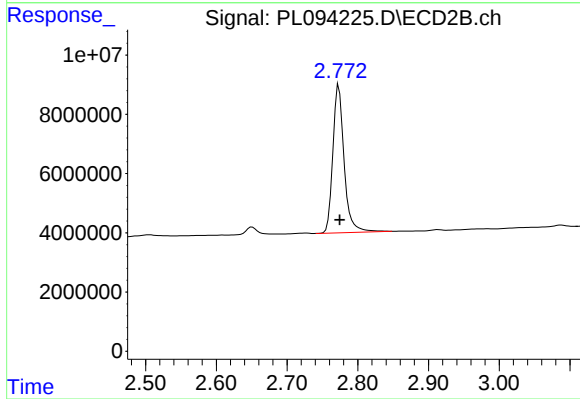




#1 Tetrachloro-m-xylene

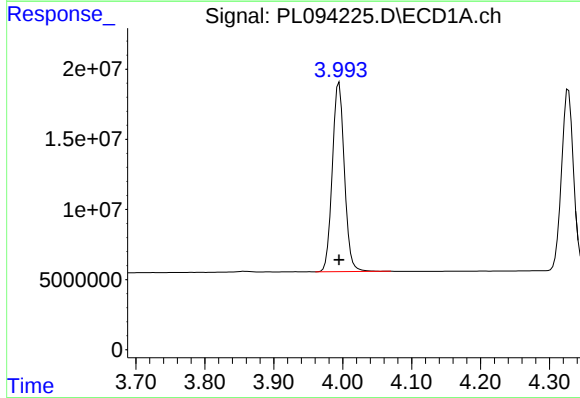
R.T.: 3.538 min  
Delta R.T.: 0.000 min  
Response: 47520356  
Conc: 17.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



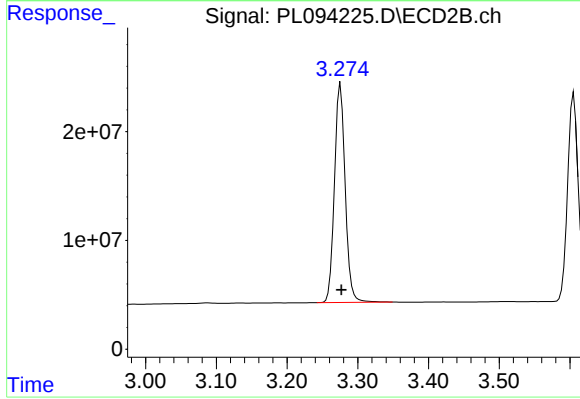
#1 Tetrachloro-m-xylene

R.T.: 2.773 min  
Delta R.T.: -0.001 min  
Response: 55136074  
Conc: 16.89 ng/ml



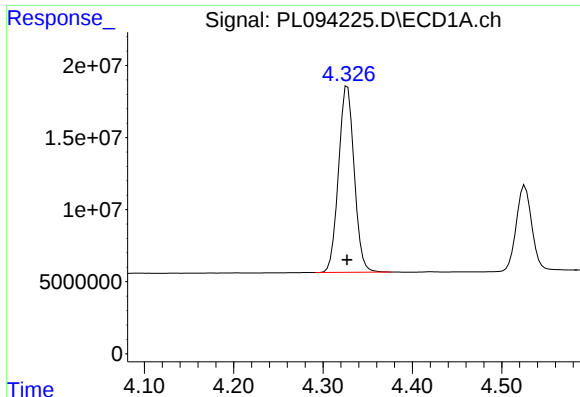
#2 alpha-BHC

R.T.: 3.995 min  
Delta R.T.: 0.000 min  
Response: 163862076  
Conc: 42.74 ng/ml



#2 alpha-BHC

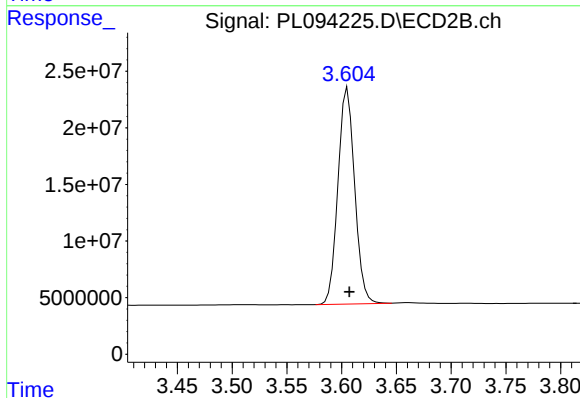
R.T.: 3.276 min  
Delta R.T.: -0.001 min  
Response: 211953757  
Conc: 43.35 ng/ml



#3 gamma-BHC (Lindane)

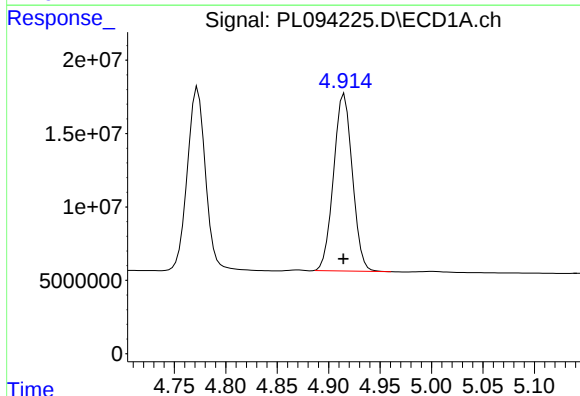
R.T.: 4.327 min  
Delta R.T.: 0.000 min  
Response: 157364755  
Conc: 42.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



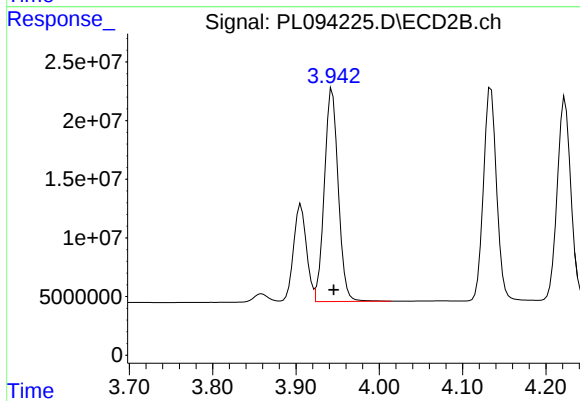
#3 gamma-BHC (Lindane)

R.T.: 3.606 min  
Delta R.T.: -0.002 min  
Response: 202502663  
Conc: 42.71 ng/ml



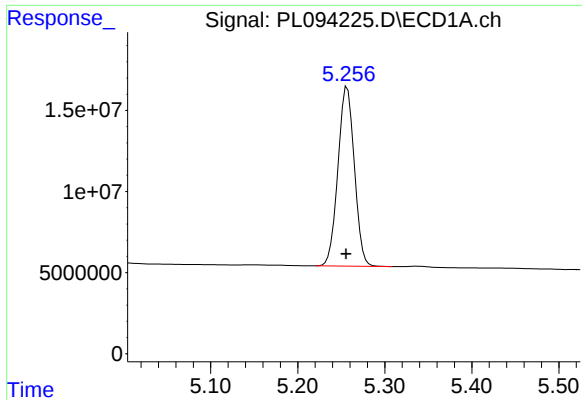
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: 0.000 min  
Response: 153117865  
Conc: 46.72 ng/ml



#4 Heptachlor

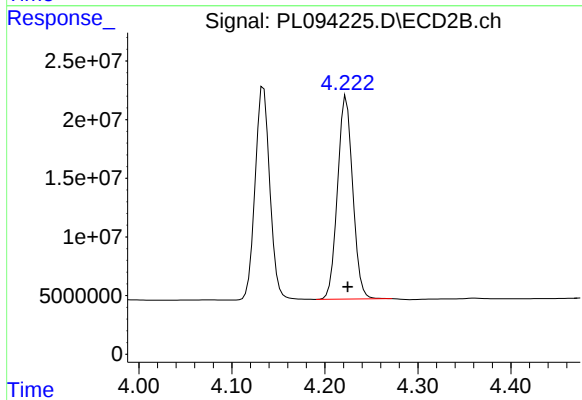
R.T.: 3.944 min  
Delta R.T.: -0.002 min  
Response: 210999512  
Conc: 45.33 ng/ml



#5 Aldrin

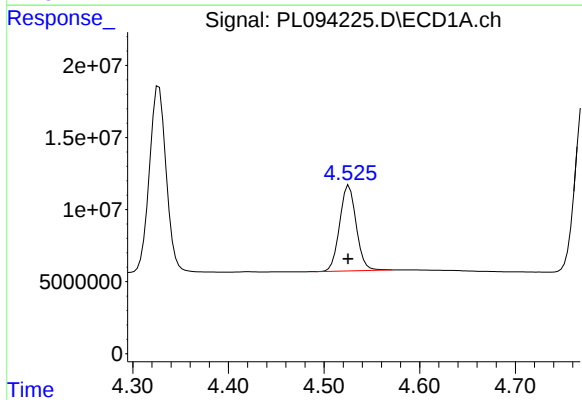
R.T.: 5.257 min  
Delta R.T.: 0.001 min  
Response: 145074009  
Conc: 44.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



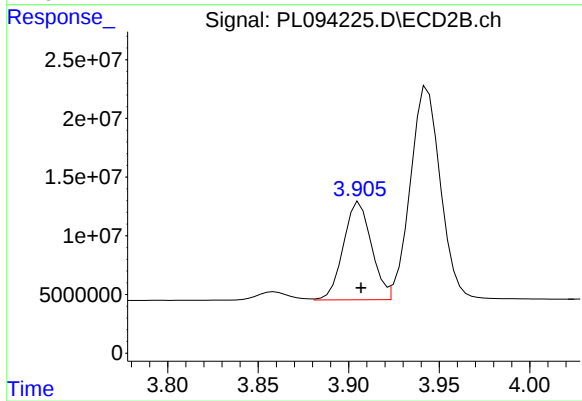
#5 Aldrin

R.T.: 4.223 min  
Delta R.T.: -0.002 min  
Response: 196491049  
Conc: 43.07 ng/ml



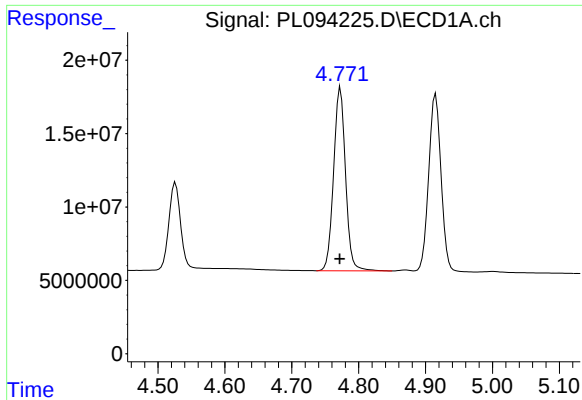
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: 0.000 min  
Response: 71611418  
Conc: 44.55 ng/ml



#6 beta-BHC

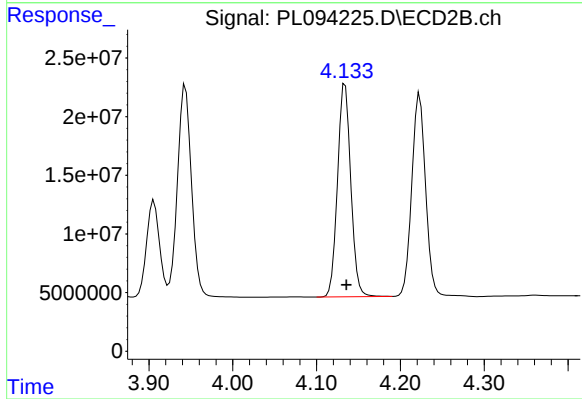
R.T.: 3.906 min  
Delta R.T.: 0.000 min  
Response: 89786781  
Conc: 44.95 ng/ml



#7 delta-BHC

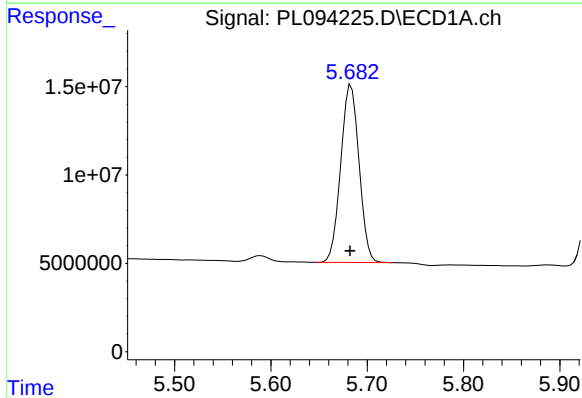
R.T.: 4.773 min  
Delta R.T.: 0.000 min  
Response: 154121011  
Conc: 43.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



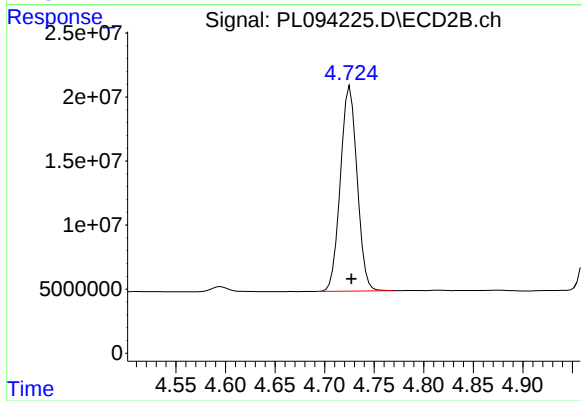
#7 delta-BHC

R.T.: 4.134 min  
Delta R.T.: -0.002 min  
Response: 199407687  
Conc: 41.97 ng/ml



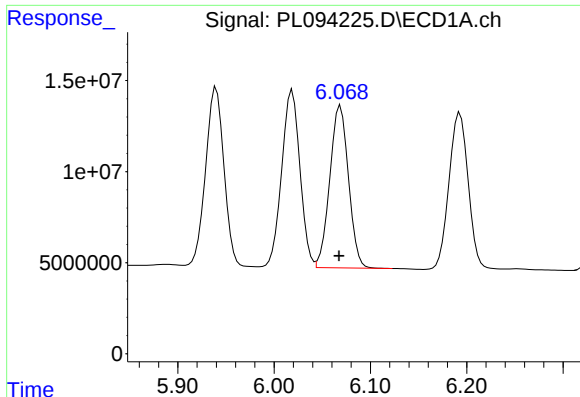
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: 0.001 min  
Response: 132580410  
Conc: 44.58 ng/ml



#8 Heptachlor epoxide

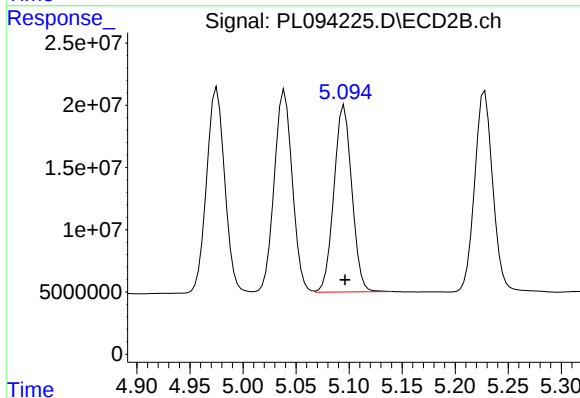
R.T.: 4.726 min  
Delta R.T.: -0.001 min  
Response: 187679506  
Conc: 44.90 ng/ml



#9 Endosulfan I

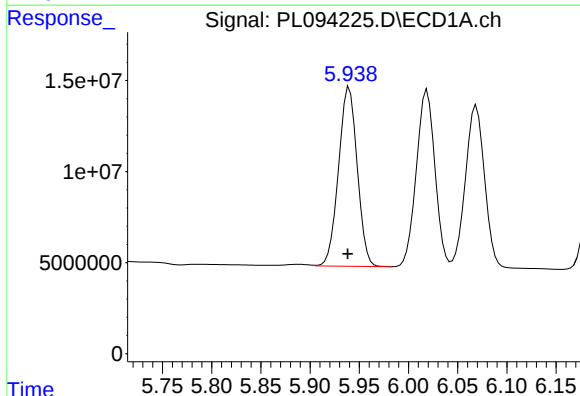
R.T.: 6.069 min  
Delta R.T.: 0.002 min  
Response: 120287993  
Conc: 45.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



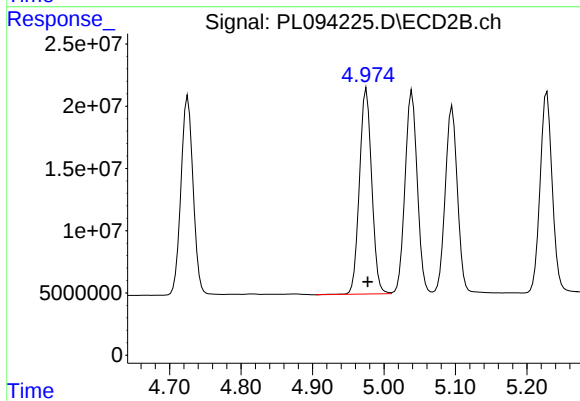
#9 Endosulfan I

R.T.: 5.095 min  
Delta R.T.: 0.000 min  
Response: 176389829  
Conc: 45.50 ng/ml



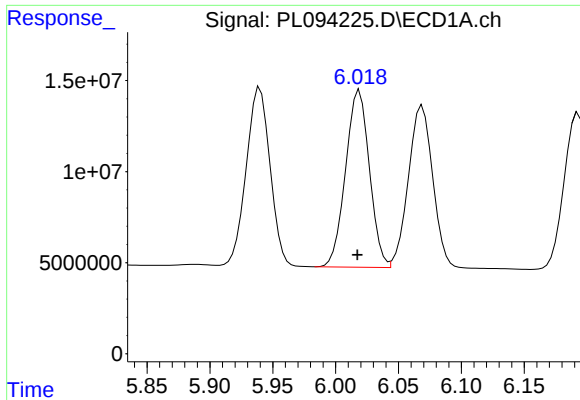
#10 gamma-Chlordane

R.T.: 5.940 min  
Delta R.T.: 0.002 min  
Response: 130003252  
Conc: 46.64 ng/ml



#10 gamma-Chlordane

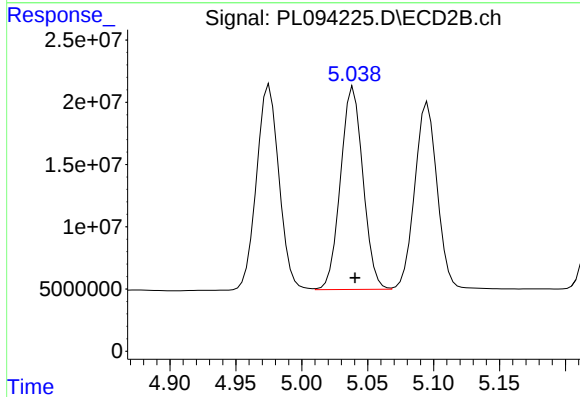
R.T.: 4.976 min  
Delta R.T.: -0.002 min  
Response: 196389392  
Conc: 46.34 ng/ml



#11 alpha-Chlordane

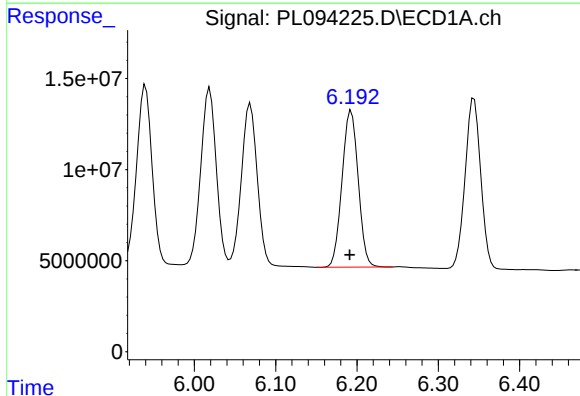
R.T.: 6.019 min  
Delta R.T.: 0.002 min  
Response: 128308864  
Conc: 46.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



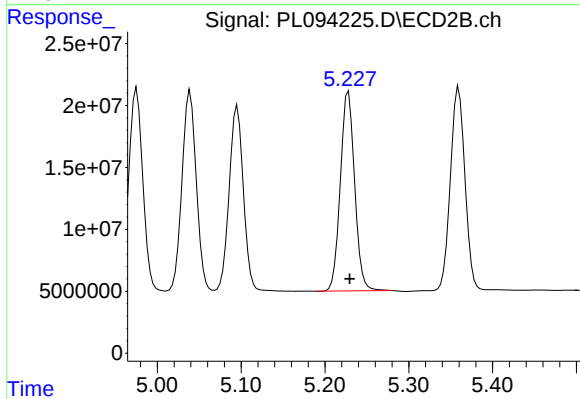
#11 alpha-Chlordane

R.T.: 5.039 min  
Delta R.T.: -0.001 min  
Response: 192656175  
Conc: 46.02 ng/ml



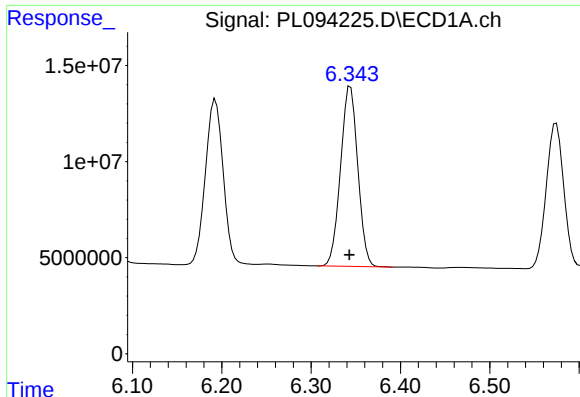
#12 4,4'-DDE

R.T.: 6.193 min  
Delta R.T.: 0.002 min  
Response: 118537740  
Conc: 48.69 ng/ml



#12 4,4'-DDE

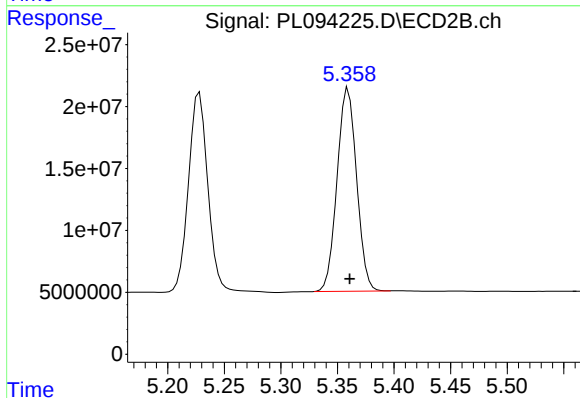
R.T.: 5.228 min  
Delta R.T.: -0.001 min  
Response: 191170832  
Conc: 47.68 ng/ml



#13 Dieldrin

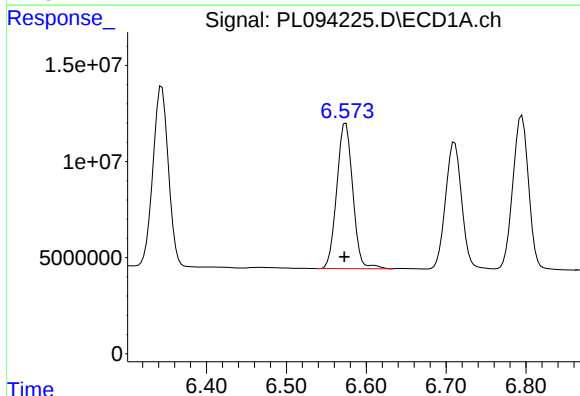
R.T.: 6.344 min  
Delta R.T.: 0.001 min  
Response: 125470837  
Conc: 45.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



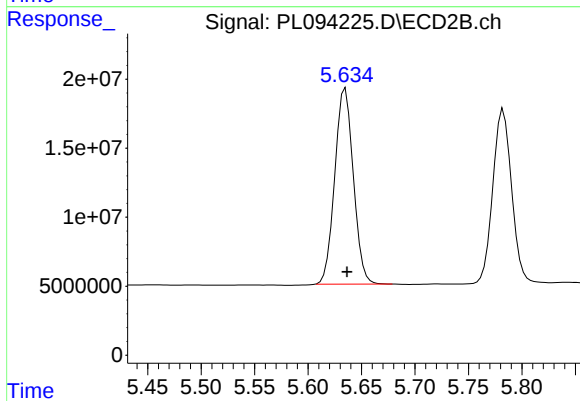
#13 Dieldrin

R.T.: 5.360 min  
Delta R.T.: -0.001 min  
Response: 197359618  
Conc: 45.94 ng/ml



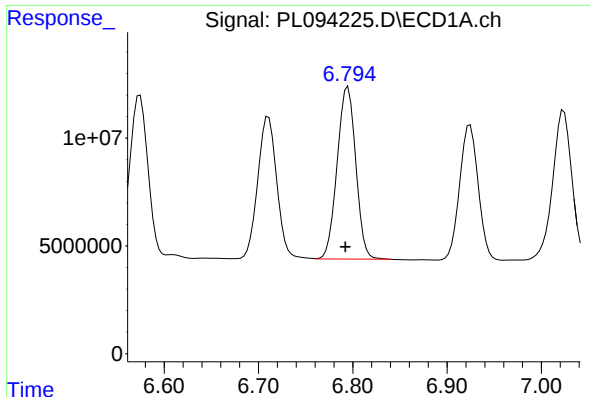
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: 0.002 min  
Response: 105181154  
Conc: 44.86 ng/ml



#14 Endrin

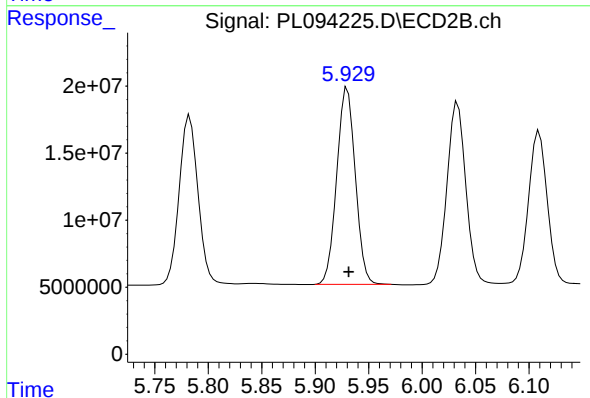
R.T.: 5.635 min  
Delta R.T.: -0.002 min  
Response: 171910566  
Conc: 46.55 ng/ml



#15 Endosulfan II

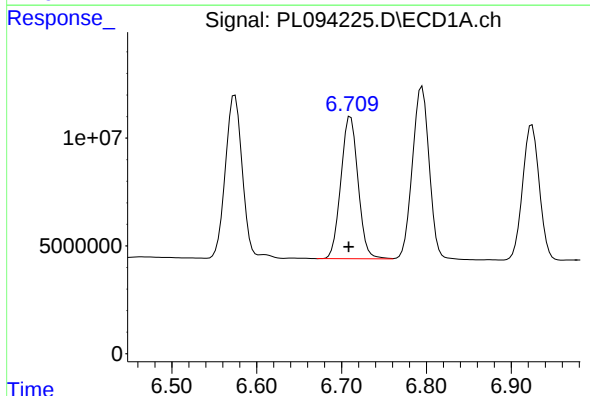
R.T.: 6.795 min  
Delta R.T.: 0.003 min  
Response: 109827966  
Conc: 45.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



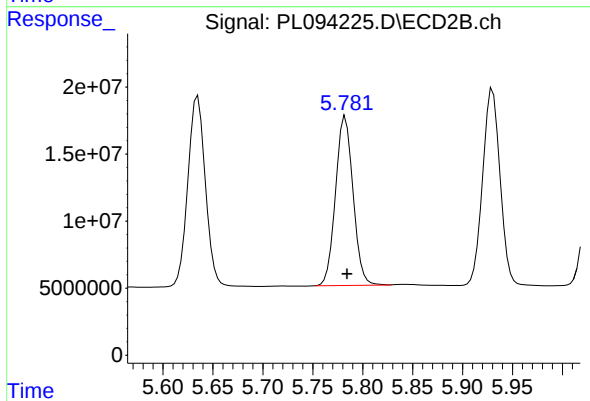
#15 Endosulfan II

R.T.: 5.930 min  
Delta R.T.: -0.001 min  
Response: 177706004  
Conc: 47.98 ng/ml



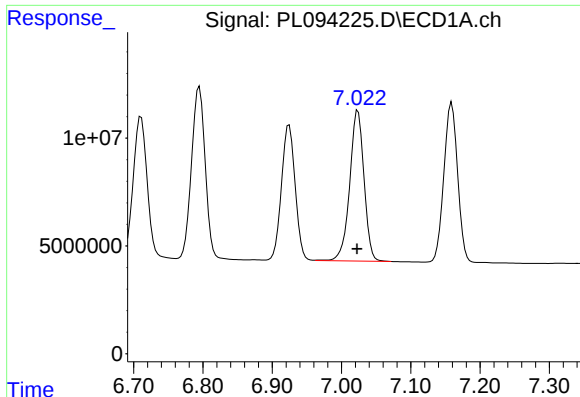
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: 0.002 min  
Response: 92784244  
Conc: 48.82 ng/ml



#16 4,4'-DDD

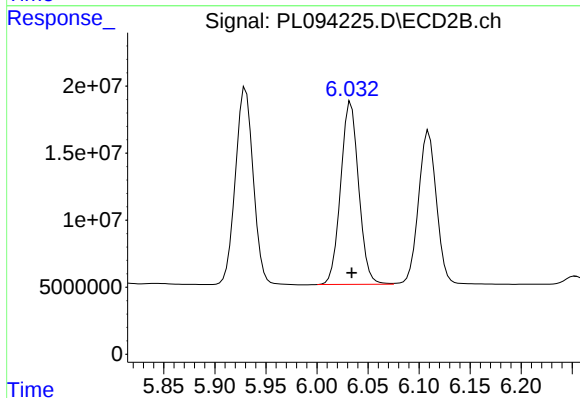
R.T.: 5.783 min  
Delta R.T.: -0.002 min  
Response: 154405429  
Conc: 48.92 ng/ml



#17 4,4'-DDT

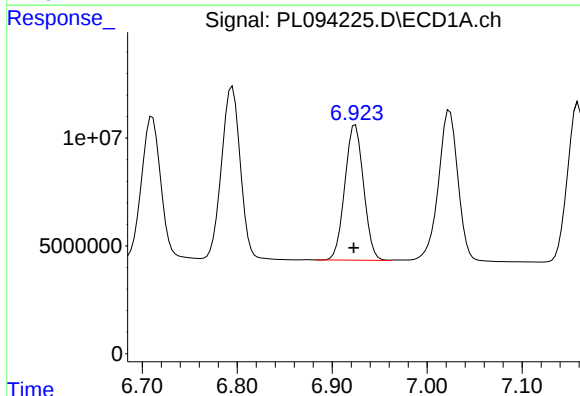
R.T.: 7.024 min  
Delta R.T.: 0.002 min  
Response: 100429724  
Conc: 50.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



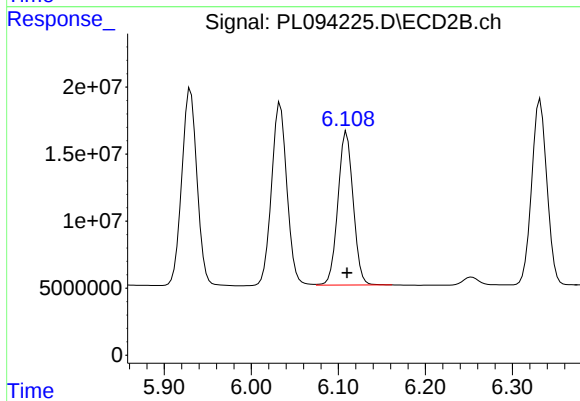
#17 4,4'-DDT

R.T.: 6.033 min  
Delta R.T.: 0.000 min  
Response: 167529846  
Conc: 51.48 ng/ml



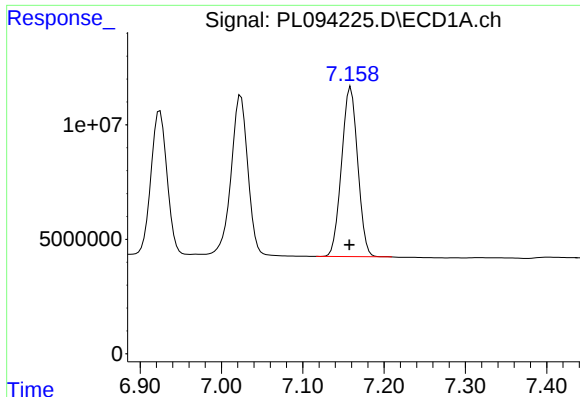
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.002 min  
Response: 86128763  
Conc: 44.30 ng/ml



#18 Endrin aldehyde

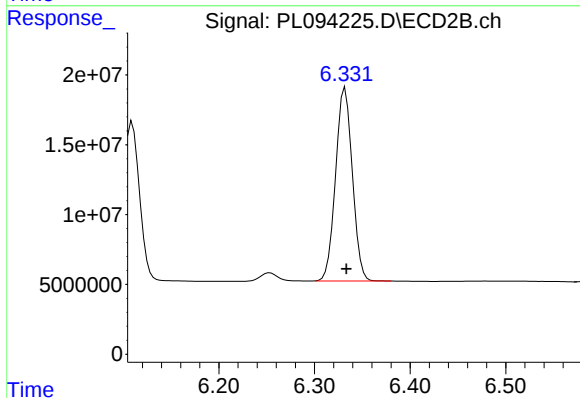
R.T.: 6.109 min  
Delta R.T.: 0.000 min  
Response: 139463750  
Conc: 45.81 ng/ml



#19 Endosulfan Sulfate

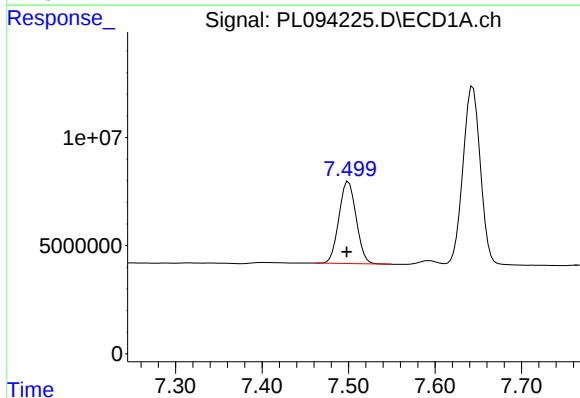
R.T.: 7.159 min  
Delta R.T.: 0.002 min  
Response: 101961232  
Conc: 45.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



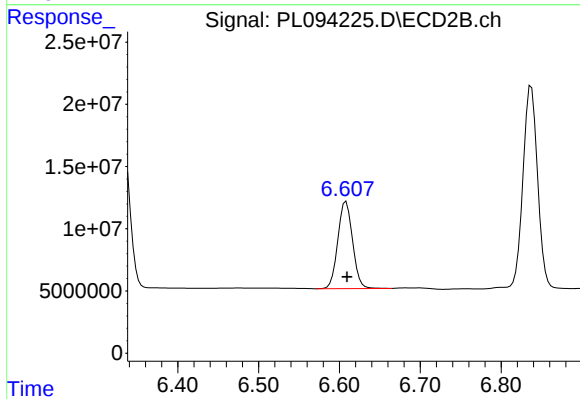
#19 Endosulfan Sulfate

R.T.: 6.332 min  
Delta R.T.: -0.001 min  
Response: 168503759  
Conc: 47.25 ng/ml



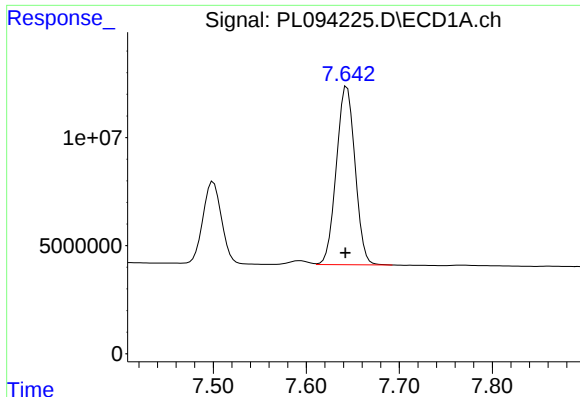
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.002 min  
Response: 52321599  
Conc: 50.15 ng/ml



#20 Methoxychlor

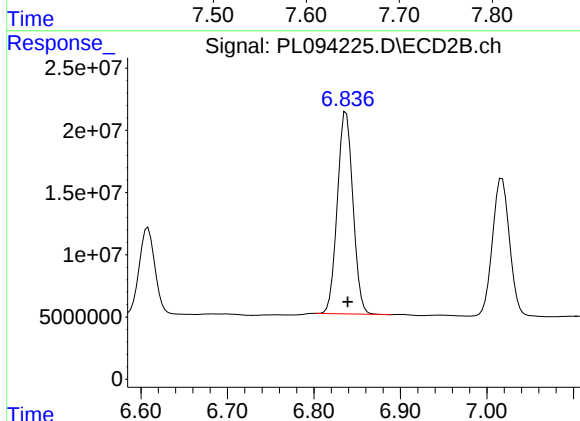
R.T.: 6.608 min  
Delta R.T.: -0.001 min  
Response: 88573000  
Conc: 49.53 ng/ml



#21 Endrin ketone

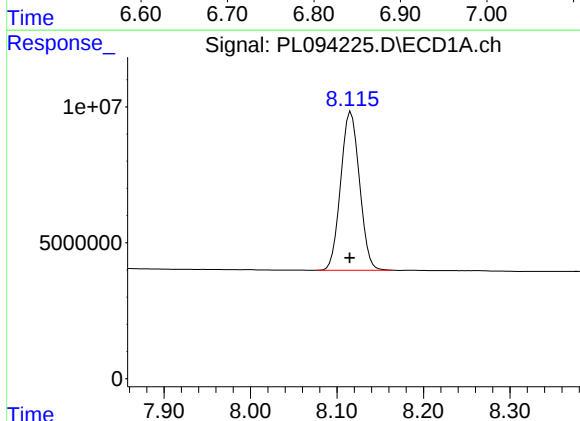
R.T.: 7.644 min  
Delta R.T.: 0.002 min  
Response: 115364928  
Conc: 45.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



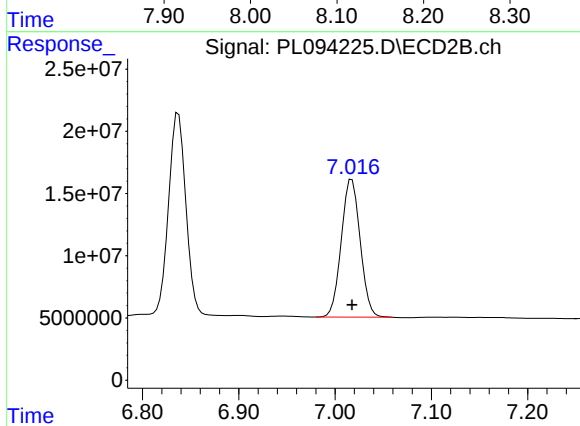
#21 Endrin ketone

R.T.: 6.837 min  
Delta R.T.: -0.002 min  
Response: 201965645  
Conc: 48.14 ng/ml



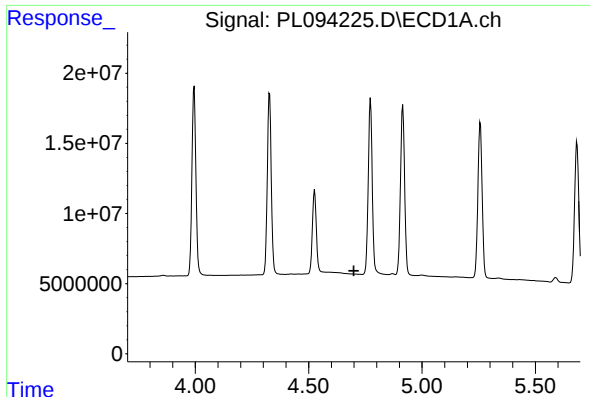
#22 Mirex

R.T.: 8.116 min  
Delta R.T.: 0.002 min  
Response: 87715275  
Conc: 42.12 ng/ml



#22 Mirex

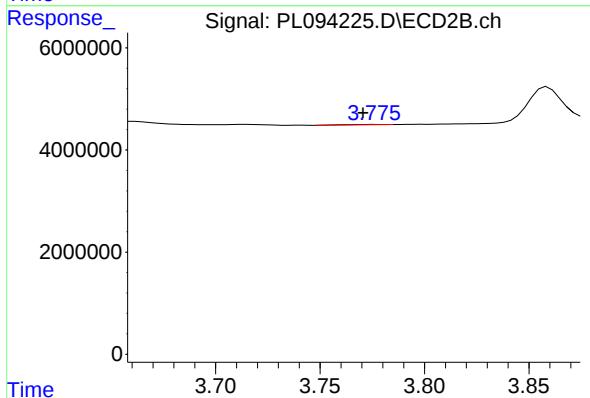
R.T.: 7.017 min  
Delta R.T.: 0.000 min  
Response: 150865619  
Conc: 44.61 ng/ml



#23 Chlordane-1

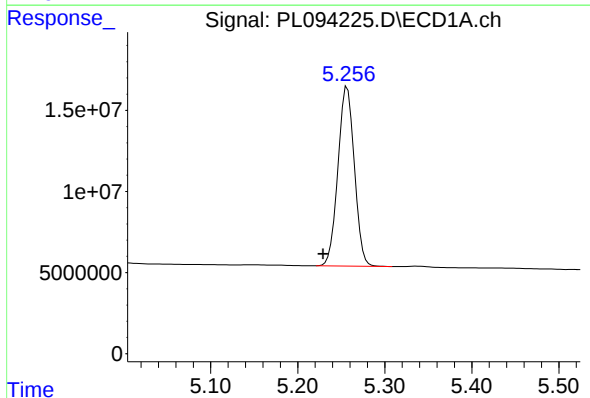
R.T.: 0.000 min  
Exp R.T.: 4.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



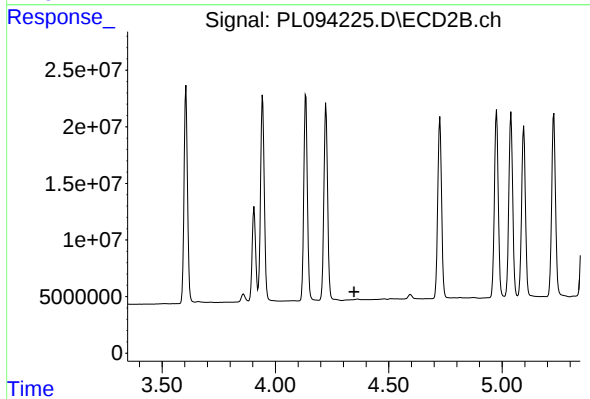
#23 Chlordane-1

R.T.: 3.777 min  
Delta R.T.: 0.006 min  
Response: 72030  
Conc: 0.58 ng/ml



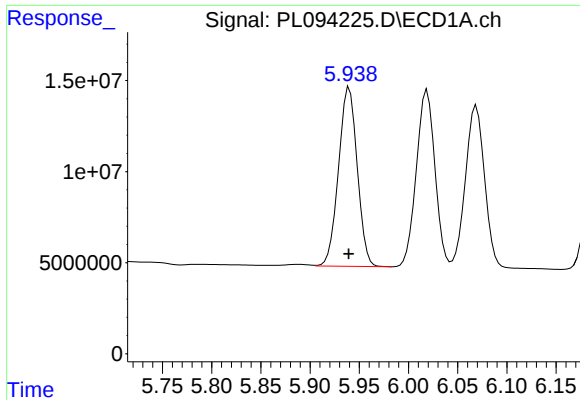
#24 Chlordane-2

R.T.: 5.257 min  
Delta R.T.: 0.028 min  
Response: 145074009  
Conc: 1239.09 ng/ml



#24 Chlordane-2

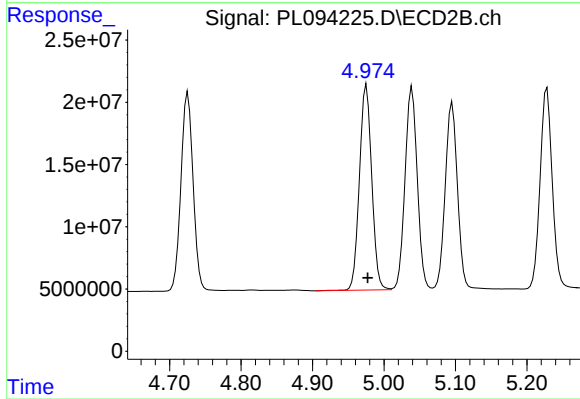
R.T.: 4.362 min  
Delta R.T.: 0.015 min  
Response: -771553  
Conc: N.D.



#25 Chlordane-3

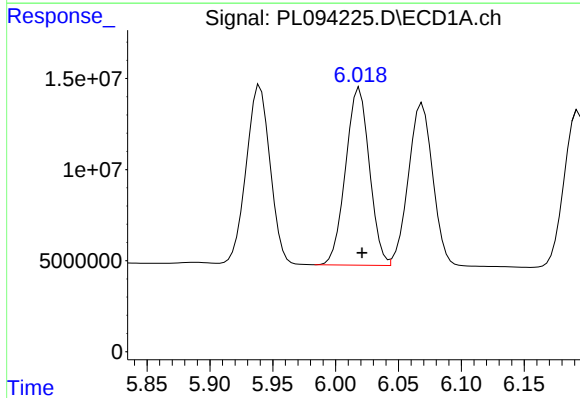
R.T.: 5.940 min  
Delta R.T.: 0.000 min  
Response: 130003252  
Conc: 331.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



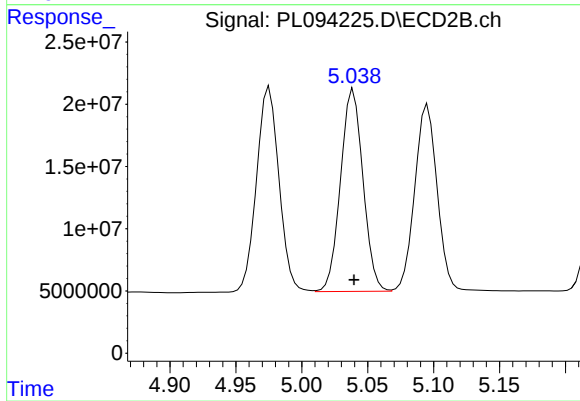
#25 Chlordane-3

R.T.: 4.976 min  
Delta R.T.: -0.002 min  
Response: 196389392  
Conc: 451.66 ng/ml



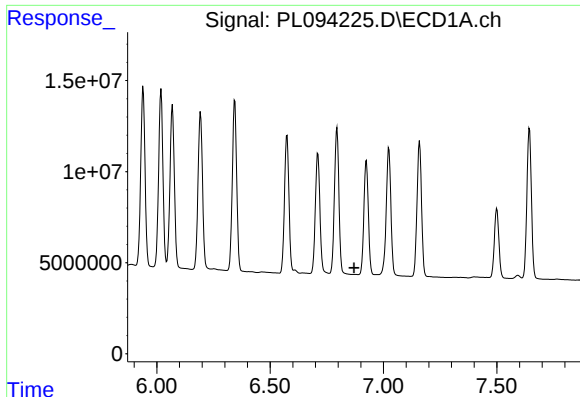
#26 Chlordane-4

R.T.: 6.019 min  
Delta R.T.: -0.002 min  
Response: 128308864  
Conc: 272.94 ng/ml



#26 Chlordane-4

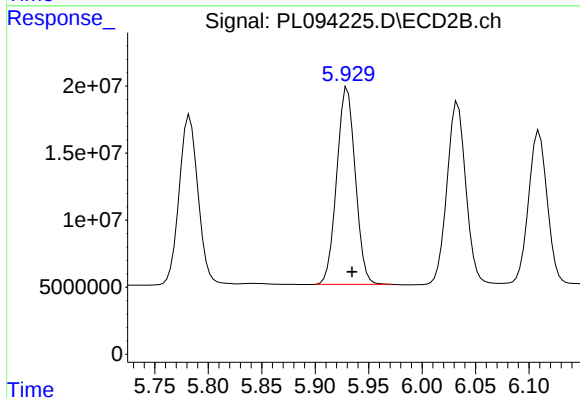
R.T.: 5.039 min  
Delta R.T.: 0.000 min  
Response: 192656175  
Conc: 454.73 ng/ml



#27 Chlordane-5

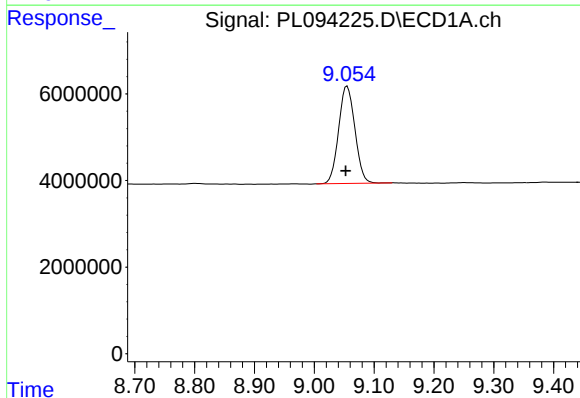
R.T.: 0.000 min  
Exp R.T.: 6.870 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



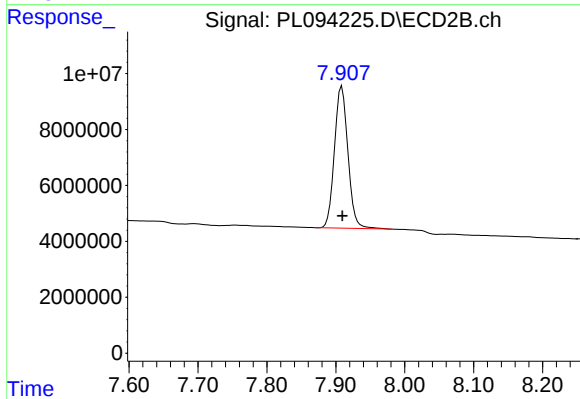
#27 Chlordane-5

R.T.: 5.930 min  
Delta R.T.: -0.004 min  
Response: 177706004  
Conc: 1160.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min  
Delta R.T.: 0.002 min  
Response: 42520415  
Conc: 20.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.909 min  
Delta R.T.: -0.001 min  
Response: 68965502  
Conc: 19.68 ng/ml