

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021125\  
 Data File : PL094144.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Feb 2025 17:27  
 Operator : AR\AJ  
 Sample : PB166678BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB166678BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 12 00:31:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021125.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... | 3.546 | 2.774 | 52302617 | 61930288 | 19.423  | 18.973     |
| 28)                         | SA Decachlor... | 9.063 | 7.912 | 40931713 | 68743697 | 19.567  | 19.618     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.002 | 3.276 | 176.1E6  | 237.7E6  | 45.932  | 48.624     |
| 3)                          | MA gamma-BHC... | 4.334 | 3.607 | 166.2E6  | 224.8E6  | 45.140  | 47.406     |
| 4)                          | MA Heptachlor   | 4.923 | 3.945 | 160.1E6  | 231.0E6  | 48.844  | 49.637     |
| 5)                          | MB Aldrin       | 5.265 | 4.224 | 151.4E6  | 216.0E6  | 46.281  | 47.342     |
| 6)                          | B beta-BHC      | 4.534 | 3.907 | 75139610 | 98614224 | 46.748  | 49.370     |
| 7)                          | B delta-BHC     | 4.780 | 4.135 | 161.9E6  | 220.3E6  | 46.192  | 46.375     |
| 8)                          | B Heptachlo...  | 5.691 | 4.727 | 136.5E6  | 206.0E6  | 45.908  | 49.268     |
| 9)                          | A Endosulfan I  | 6.076 | 5.097 | 124.5E6  | 186.0E6  | 47.095  | 47.975     |
| 10)                         | B gamma-Chl...  | 5.947 | 4.977 | 133.8E6  | 219.2E6  | 48.001  | 51.733     |
| 11)                         | B alpha-Chl...  | 6.026 | 5.041 | 133.6E6  | 211.5E6  | 47.919  | 50.510     |
| 12)                         | B 4,4'-DDE      | 6.200 | 5.230 | 123.9E6  | 208.1E6  | 50.874  | 51.901     |
| 13)                         | MA Dieldrin     | 6.352 | 5.361 | 129.9E6  | 210.6E6  | 46.807  | 49.029     |
| 14)                         | MA Endrin       | 6.581 | 5.638 | 112.3E6  | 190.9E6  | 47.876  | 51.693     |
| 15)                         | B Endosulfa...  | 6.801 | 5.932 | 112.8E6  | 190.1E6  | 46.801  | 51.337     |
| 16)                         | A 4,4'-DDD      | 6.718 | 5.785 | 100.3E6  | 169.0E6  | 52.800  | 53.540     |
| 17)                         | MA 4,4'-DDT     | 7.031 | 6.035 | 101.5E6  | 176.7E6  | 51.487  | 54.296     |
| 18)                         | B Endrin al...  | 6.932 | 6.112 | 87468430 | 147.1E6  | 44.993  | 48.323     |
| 19)                         | B Endosulfa...  | 7.166 | 6.335 | 104.0E6  | 178.6E6  | 45.928  | 50.083     |
| 20)                         | A Methoxychlor  | 7.507 | 6.611 | 52936560 | 89644666 | 50.735  | 50.133     |
| 21)                         | B Endrin ke...  | 7.651 | 6.840 | 116.1E6  | 214.7E6  | 46.024  | 51.185     |
| 22)                         | Mirex           | 8.123 | 7.020 | 87293278 | 155.8E6  | 41.918  | 46.084     |
| 23)                         | Chlordane-1     | 0.000 | 3.774 | 0        | 24061    | N.D.    | 0.193 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.362 | 0        | 1532407  | N.D.    | 10.444 #   |
| 25)                         | Chlordane-3     | 5.947 | 4.977 | 133.8E6  | 219.2E6  | 341.090 | 504.171 #  |
| 26)                         | Chlordane-4     | 6.026 | 5.041 | 133.6E6  | 211.5E6  | 284.229 | 499.123 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.932 | 0        | 190.1E6  | N.D.    | 1241.449 # |
| -----                       |                 |       |       |          |          |         |            |

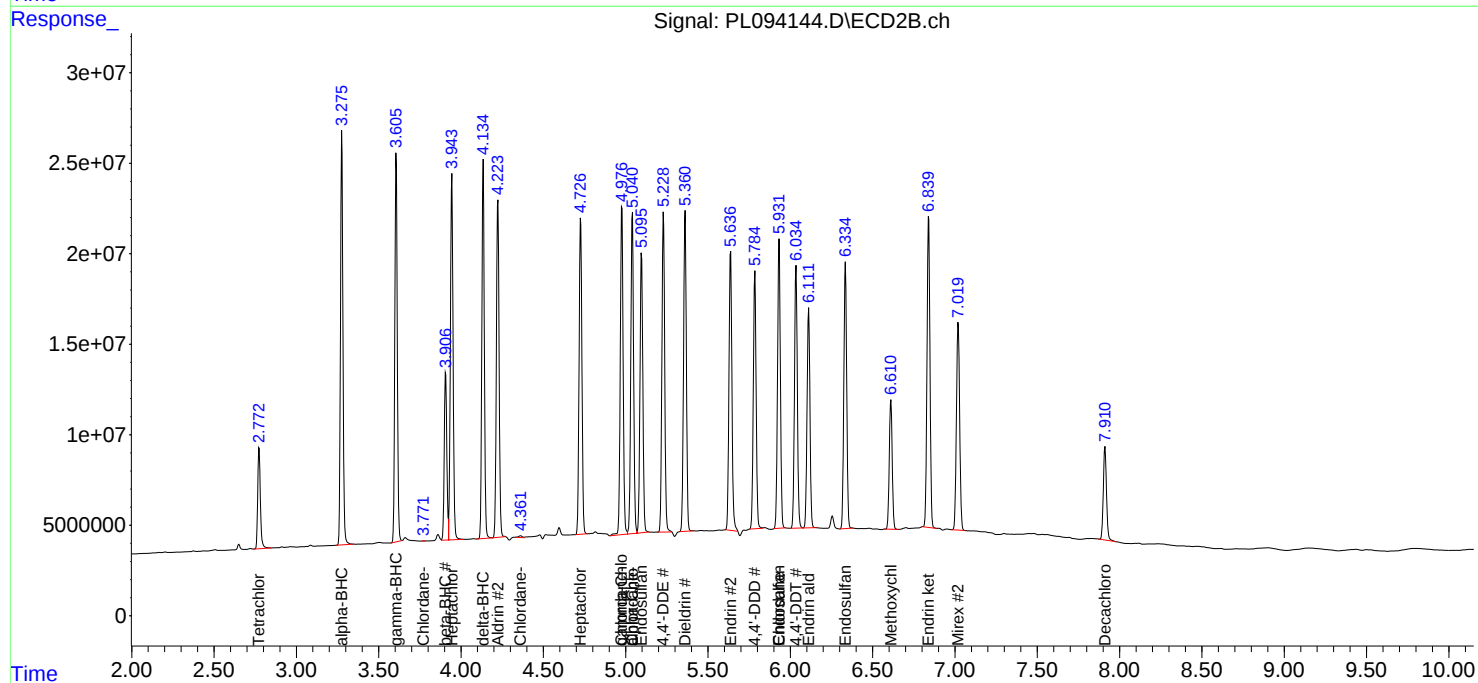
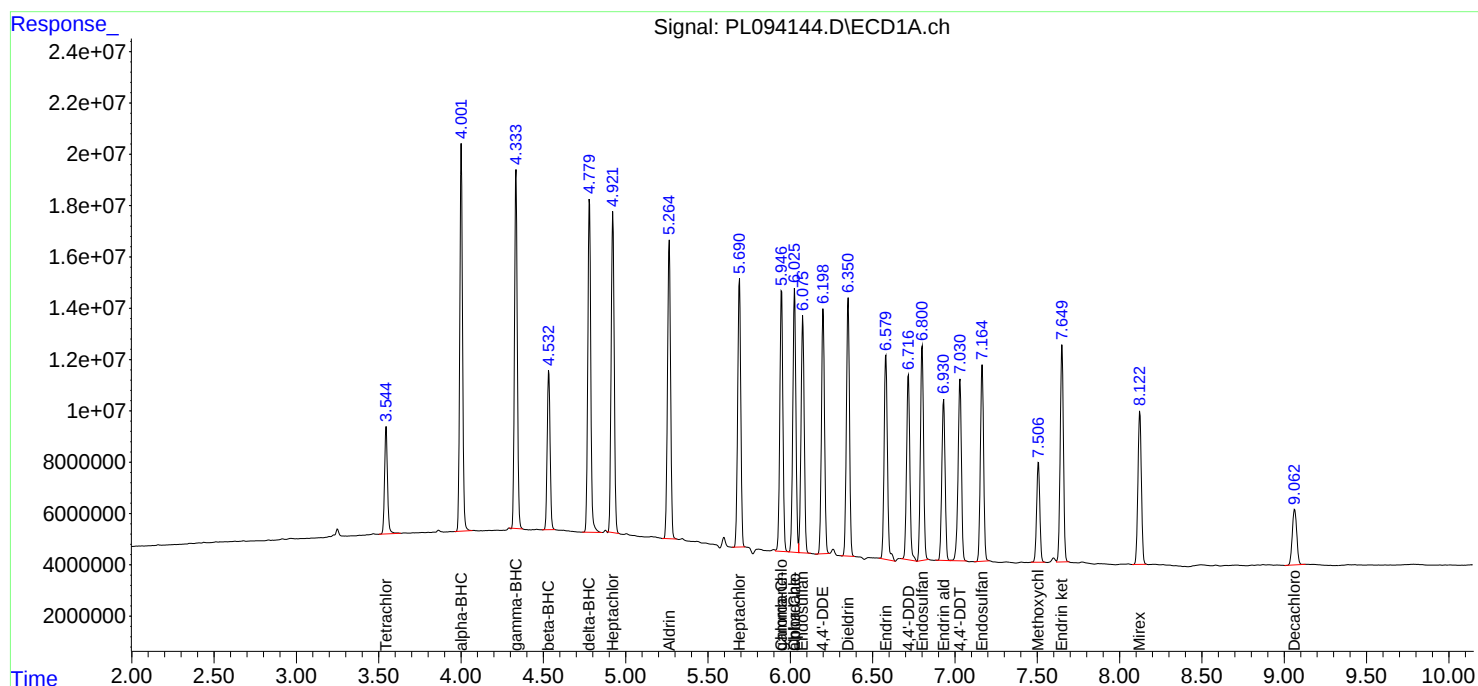
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

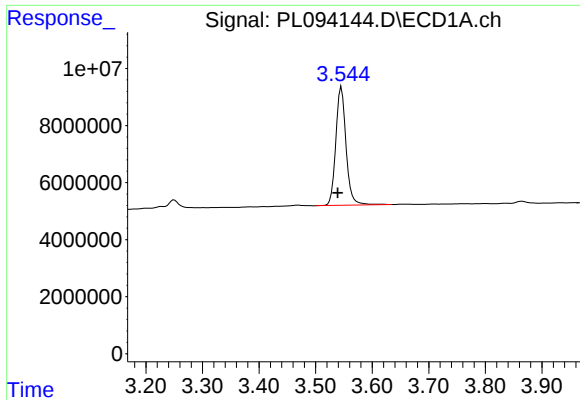
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021125\  
Data File : PL094144.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Feb 2025 17:27  
Operator : AR\AJ  
Sample : PB166678BSD  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB166678BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 12 00:31:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021125.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

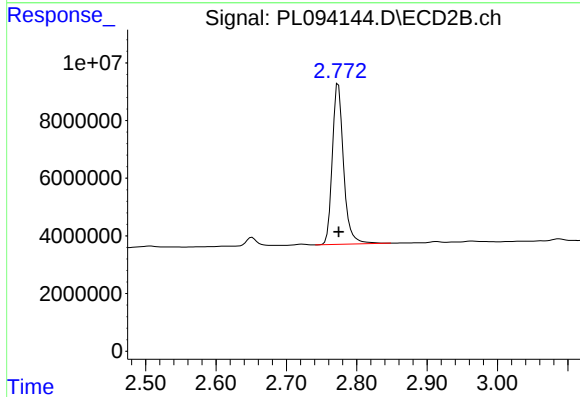




#1 Tetrachloro-m-xylene

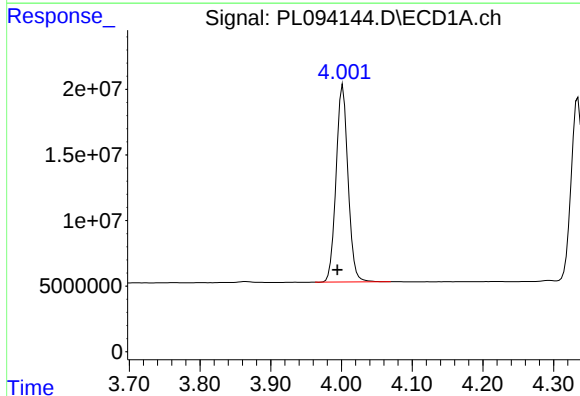
R.T.: 3.546 min  
Delta R.T.: 0.007 min  
Response: 52302617  
Conc: 19.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166678BSD



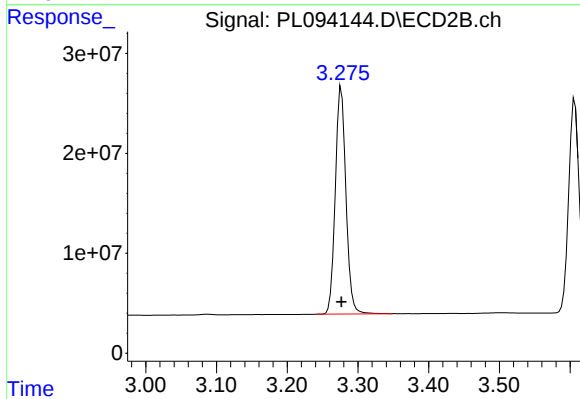
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: 0.000 min  
Response: 61930288  
Conc: 18.97 ng/ml



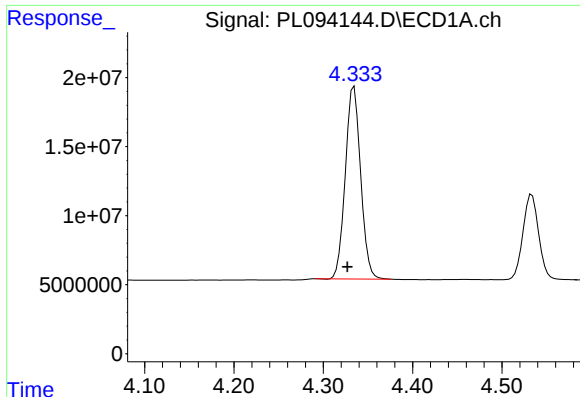
#2 alpha-BHC

R.T.: 4.002 min  
Delta R.T.: 0.007 min  
Response: 176095989  
Conc: 45.93 ng/ml



#2 alpha-BHC

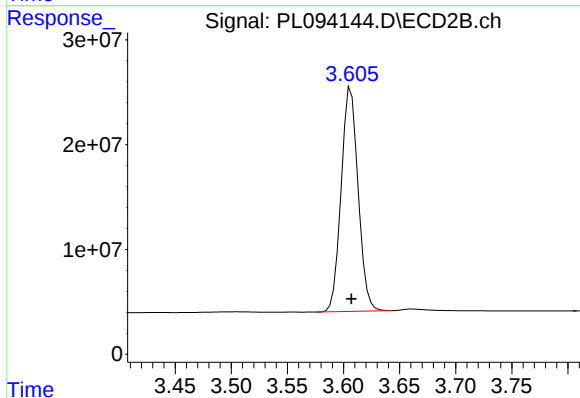
R.T.: 3.276 min  
Delta R.T.: 0.000 min  
Response: 237723064  
Conc: 48.62 ng/ml



#3 gamma-BHC (Lindane)

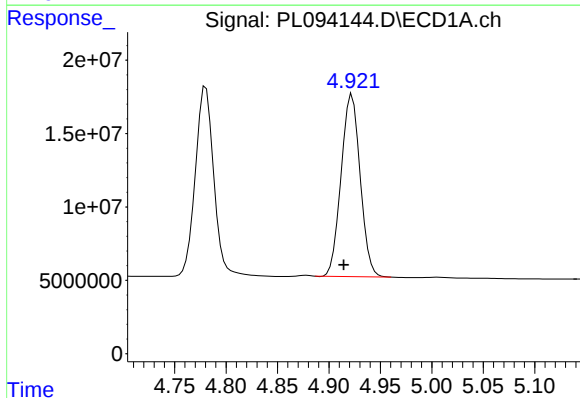
R.T.: 4.334 min  
Delta R.T.: 0.007 min  
Response: 166244789  
Conc: 45.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166678BSD



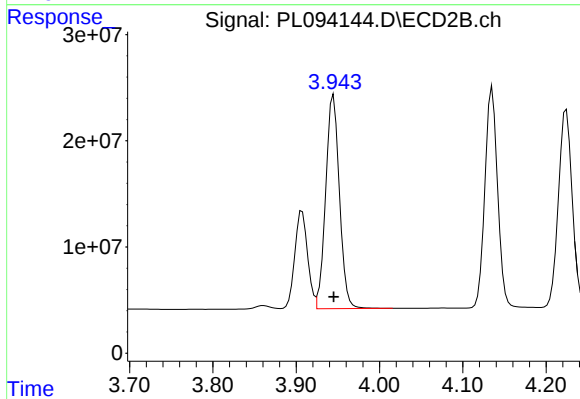
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: 0.000 min  
Response: 224761782  
Conc: 47.41 ng/ml



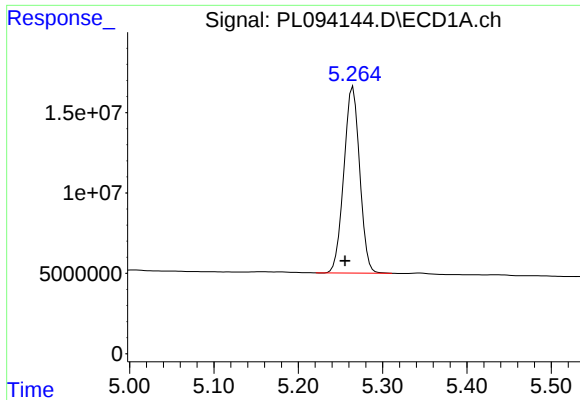
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: 0.008 min  
Response: 160079136  
Conc: 48.84 ng/ml



#4 Heptachlor

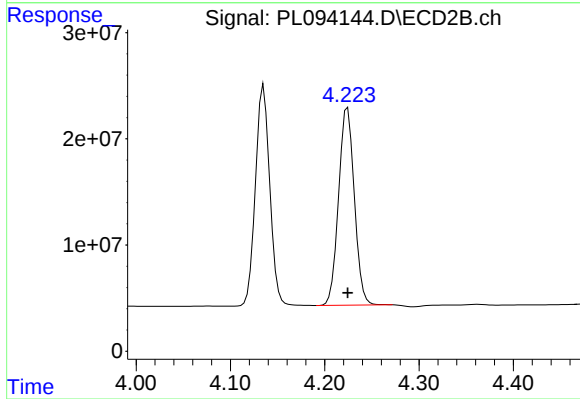
R.T.: 3.945 min  
Delta R.T.: 0.000 min  
Response: 231048470  
Conc: 49.64 ng/ml



#5 Aldrin

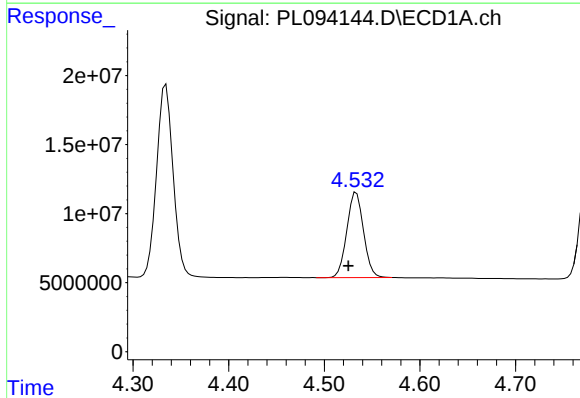
R.T.: 5.265 min  
Delta R.T.: 0.009 min  
Response: 151431327  
Conc: 46.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166678BSD



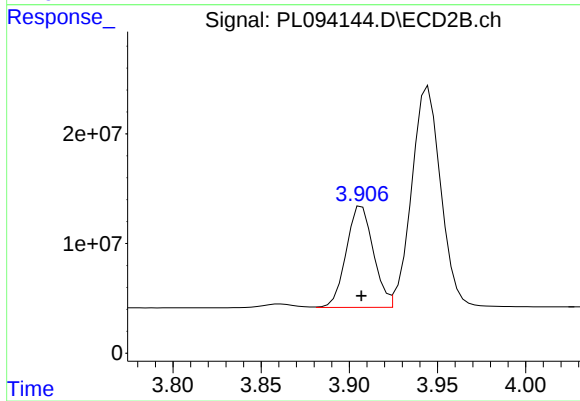
#5 Aldrin

R.T.: 4.224 min  
Delta R.T.: 0.000 min  
Response: 215964817  
Conc: 47.34 ng/ml



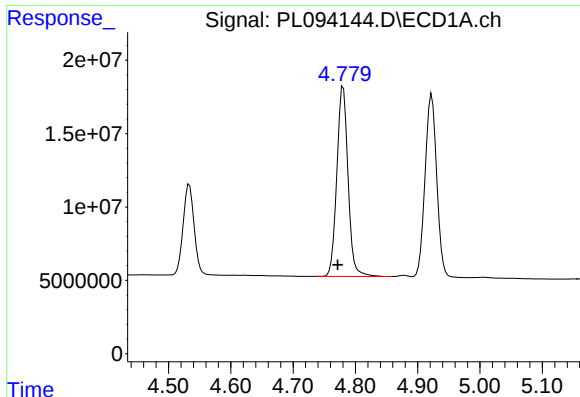
#6 beta-BHC

R.T.: 4.534 min  
Delta R.T.: 0.008 min  
Response: 75139610  
Conc: 46.75 ng/ml



#6 beta-BHC

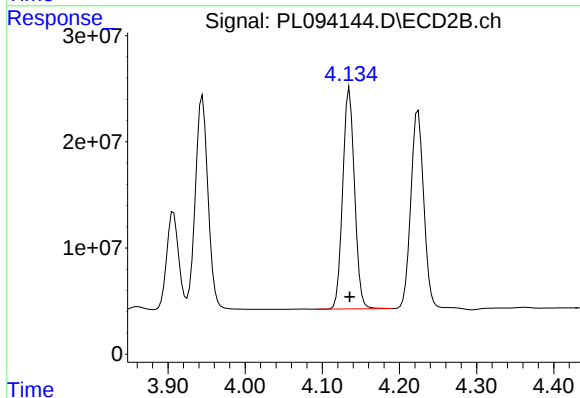
R.T.: 3.907 min  
Delta R.T.: 0.000 min  
Response: 98614224  
Conc: 49.37 ng/ml



#7 delta-BHC

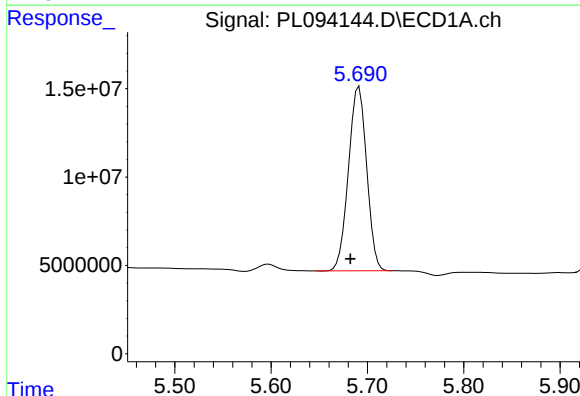
R.T.: 4.780 min  
Delta R.T.: 0.009 min  
Response: 161916828  
Conc: 46.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166678BSD



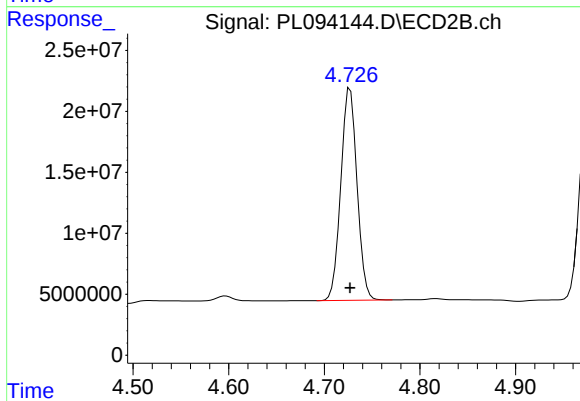
#7 delta-BHC

R.T.: 4.135 min  
Delta R.T.: 0.000 min  
Response: 220339200  
Conc: 46.38 ng/ml



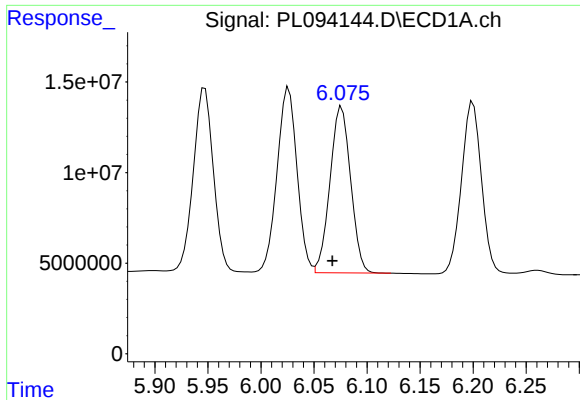
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: 0.009 min  
Response: 136523215  
Conc: 45.91 ng/ml



#8 Heptachlor epoxide

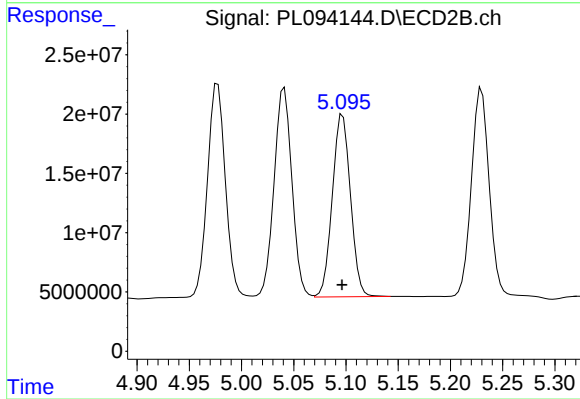
R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 205954089  
Conc: 49.27 ng/ml



#9 Endosulfan I

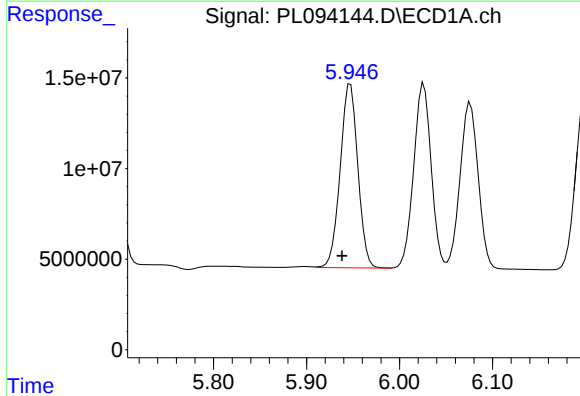
R.T.: 6.076 min  
Delta R.T.: 0.009 min  
Response: 124465760  
Conc: 47.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166678BSD



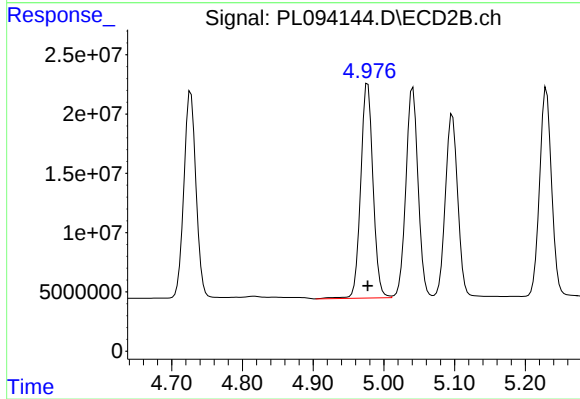
#9 Endosulfan I

R.T.: 5.097 min  
Delta R.T.: 0.000 min  
Response: 185996177  
Conc: 47.98 ng/ml



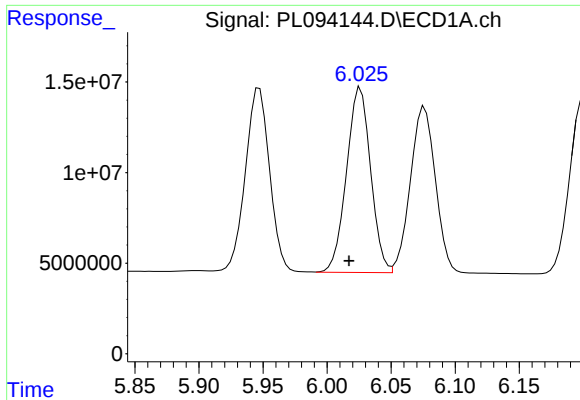
#10 gamma-Chlordane

R.T.: 5.947 min  
Delta R.T.: 0.009 min  
Response: 133797703  
Conc: 48.00 ng/ml



#10 gamma-Chlordane

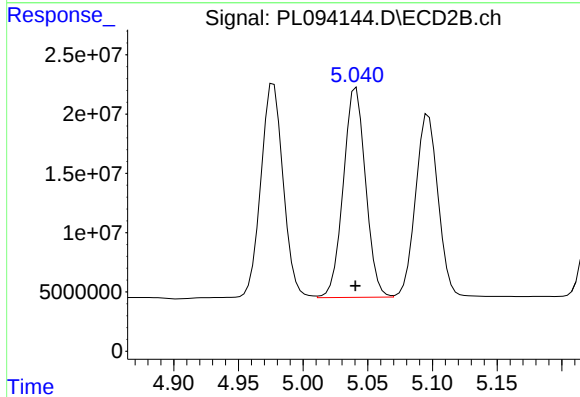
R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 219224346  
Conc: 51.73 ng/ml



#11 alpha-Chlordane

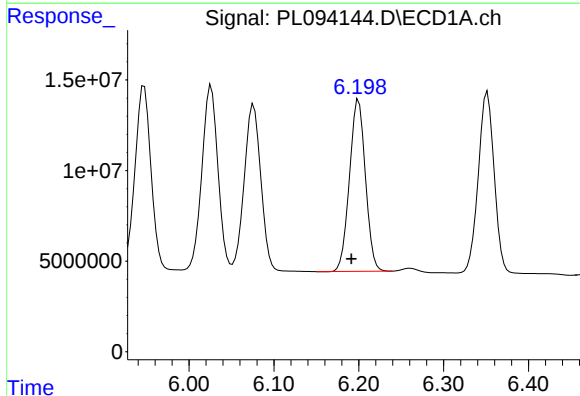
R.T.: 6.026 min  
Delta R.T.: 0.009 min  
Response: 133618183  
Conc: 47.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166678BSD



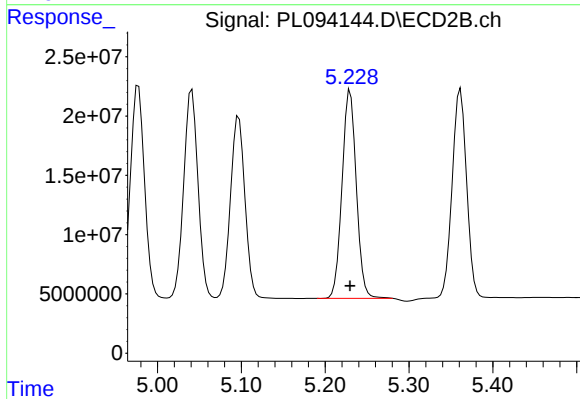
#11 alpha-Chlordane

R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 211462753  
Conc: 50.51 ng/ml



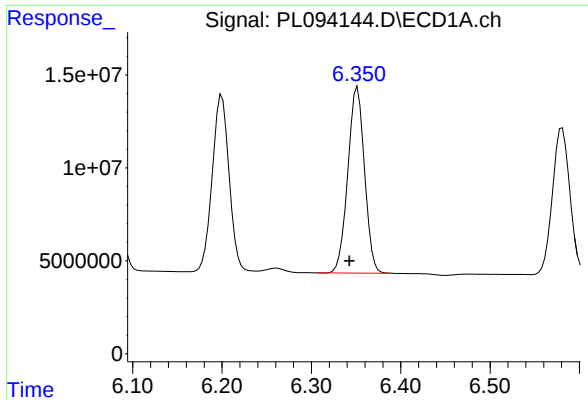
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: 0.009 min  
Response: 123856730  
Conc: 50.87 ng/ml



#12 4,4'-DDE

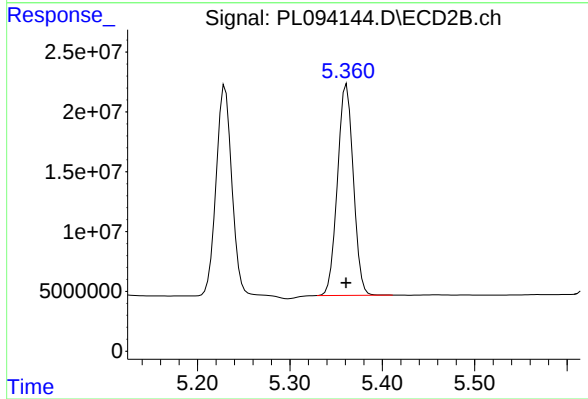
R.T.: 5.230 min  
Delta R.T.: 0.000 min  
Response: 208097160  
Conc: 51.90 ng/ml



#13 Dieldrin

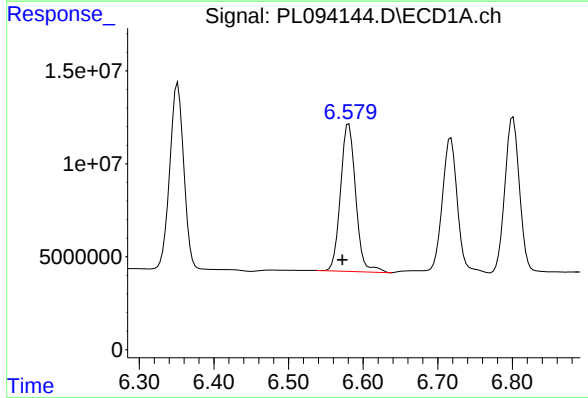
R.T.: 6.352 min  
Delta R.T.: 0.009 min  
Response: 129927961  
Conc: 46.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166678BSD



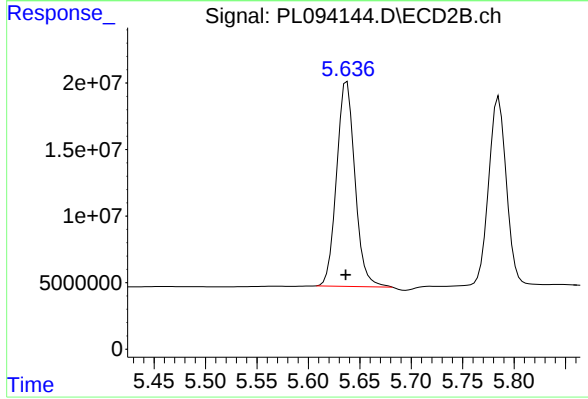
#13 Dieldrin

R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 210611517  
Conc: 49.03 ng/ml



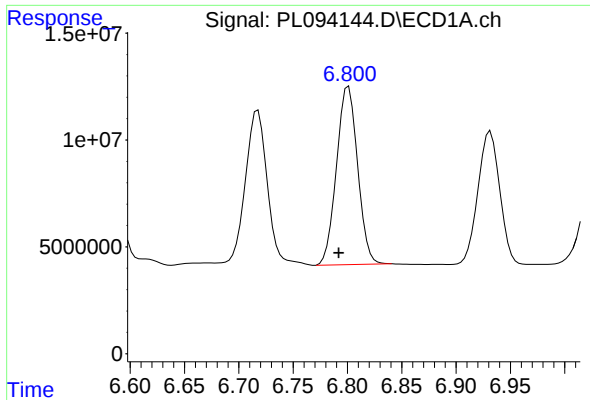
#14 Endrin

R.T.: 6.581 min  
Delta R.T.: 0.008 min  
Response: 112261260  
Conc: 47.88 ng/ml



#14 Endrin

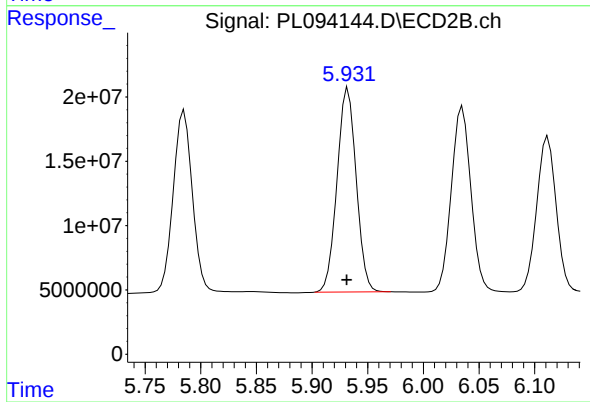
R.T.: 5.638 min  
Delta R.T.: 0.001 min  
Response: 190884331  
Conc: 51.69 ng/ml



#15 Endosulfan II

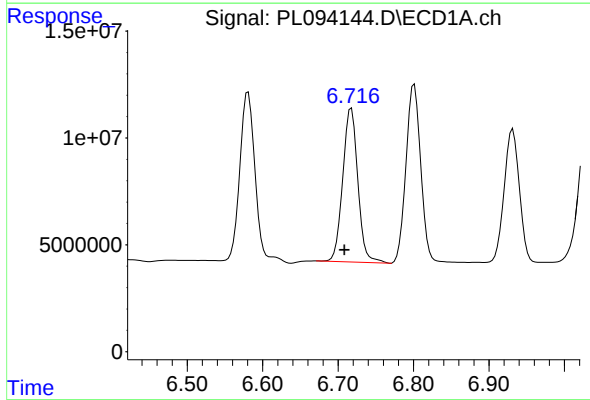
R.T.: 6.801 min  
Delta R.T.: 0.009 min  
Response: 112759856  
Conc: 46.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166678BSD



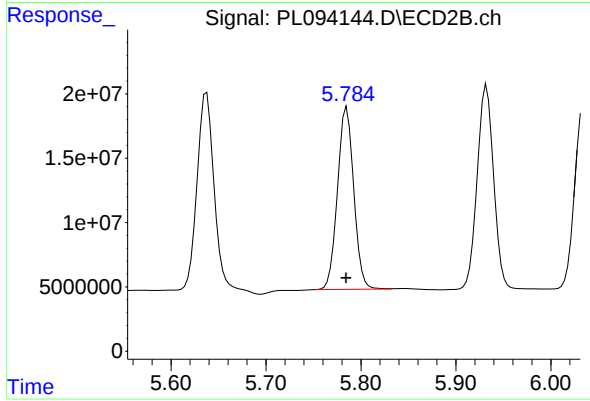
#15 Endosulfan II

R.T.: 5.932 min  
Delta R.T.: 0.001 min  
Response: 190143901  
Conc: 51.34 ng/ml



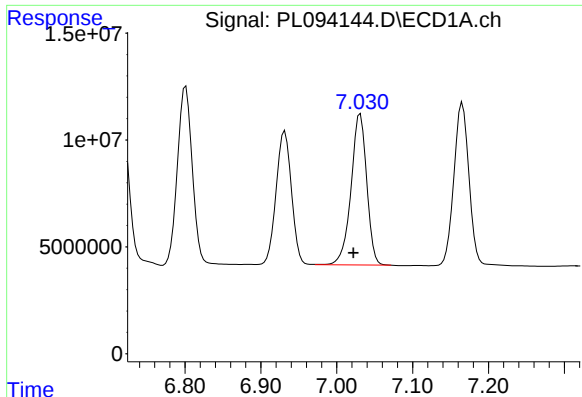
#16 4,4'-DDD

R.T.: 6.718 min  
Delta R.T.: 0.009 min  
Response: 100349540  
Conc: 52.80 ng/ml



#16 4,4'-DDD

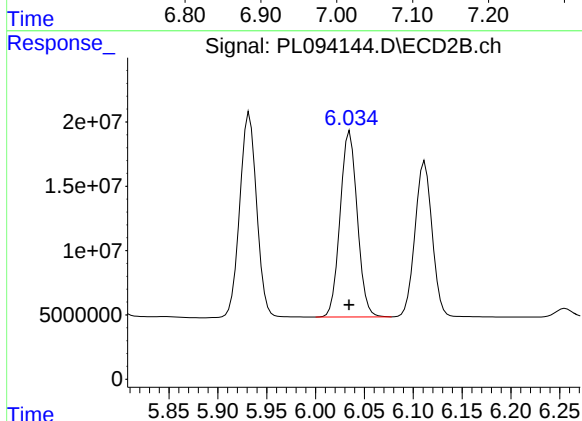
R.T.: 5.785 min  
Delta R.T.: 0.000 min  
Response: 168999568  
Conc: 53.54 ng/ml



#17 4,4'-DDT

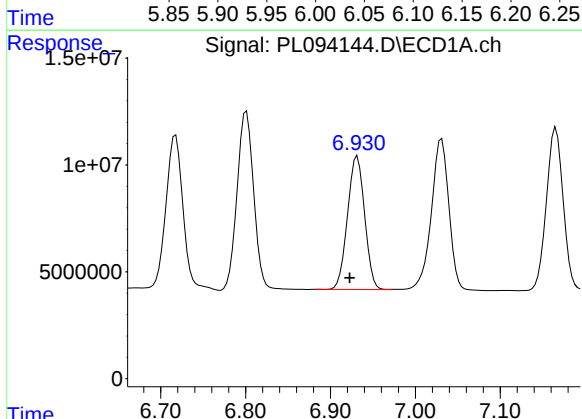
R.T.: 7.031 min  
Delta R.T.: 0.009 min  
Response: 101535701  
Conc: 51.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166678BSD



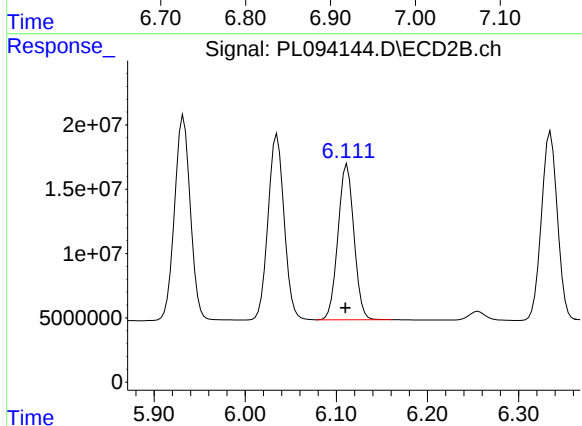
#17 4,4'-DDT

R.T.: 6.035 min  
Delta R.T.: 0.001 min  
Response: 176681605  
Conc: 54.30 ng/ml



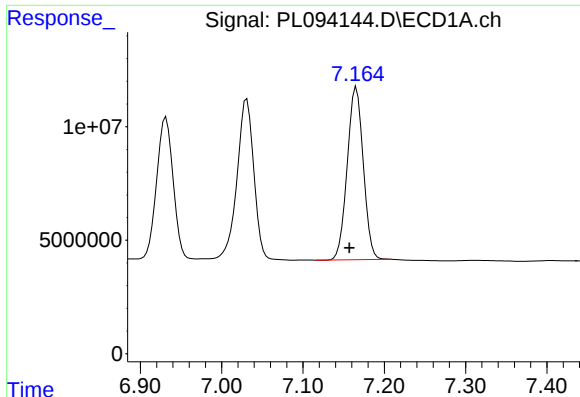
#18 Endrin aldehyde

R.T.: 6.932 min  
Delta R.T.: 0.009 min  
Response: 87468430  
Conc: 44.99 ng/ml



#18 Endrin aldehyde

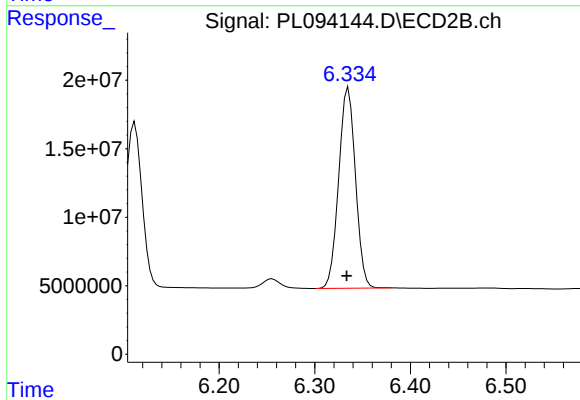
R.T.: 6.112 min  
Delta R.T.: 0.002 min  
Response: 147126260  
Conc: 48.32 ng/ml



#19 Endosulfan Sulfate

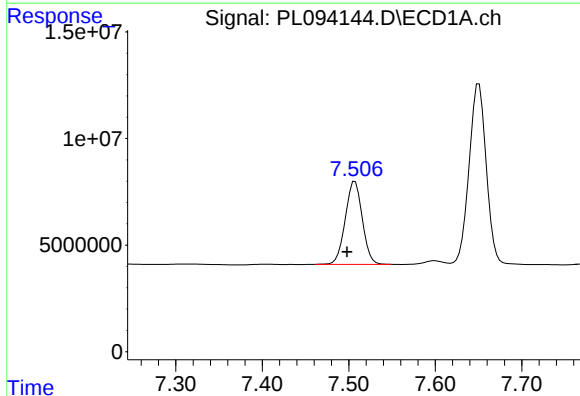
R.T.: 7.166 min  
Delta R.T.: 0.009 min  
Response: 103969430  
Conc: 45.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166678BSD



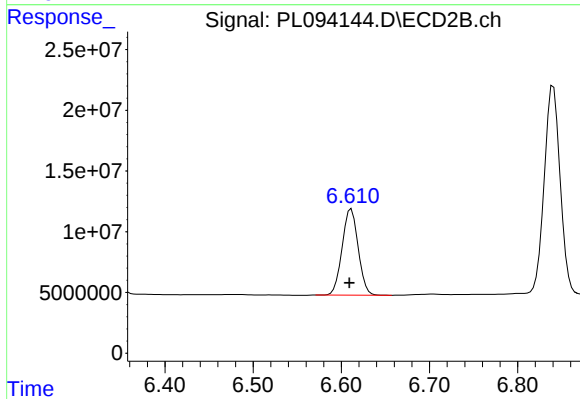
#19 Endosulfan Sulfate

R.T.: 6.335 min  
Delta R.T.: 0.002 min  
Response: 178601638  
Conc: 50.08 ng/ml



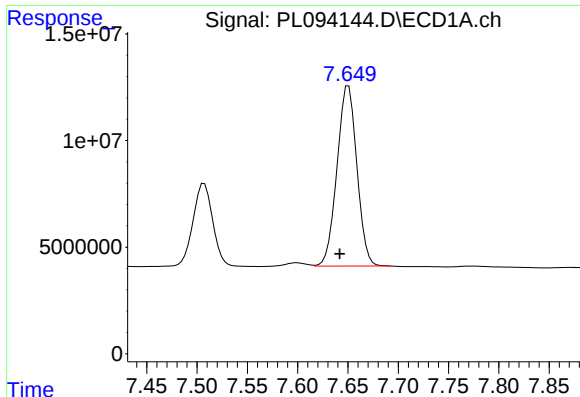
#20 Methoxychlor

R.T.: 7.507 min  
Delta R.T.: 0.009 min  
Response: 52936560  
Conc: 50.73 ng/ml



#20 Methoxychlor

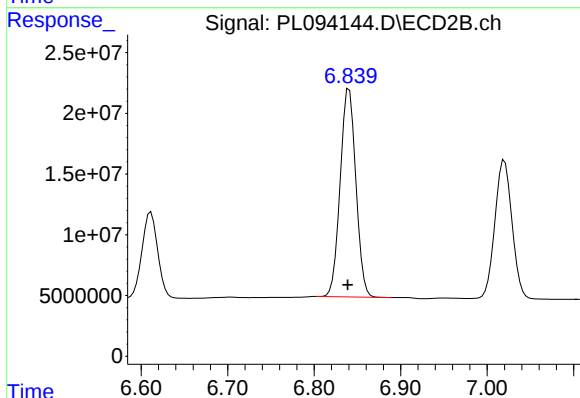
R.T.: 6.611 min  
Delta R.T.: 0.002 min  
Response: 89644666  
Conc: 50.13 ng/ml



#21 Endrin ketone

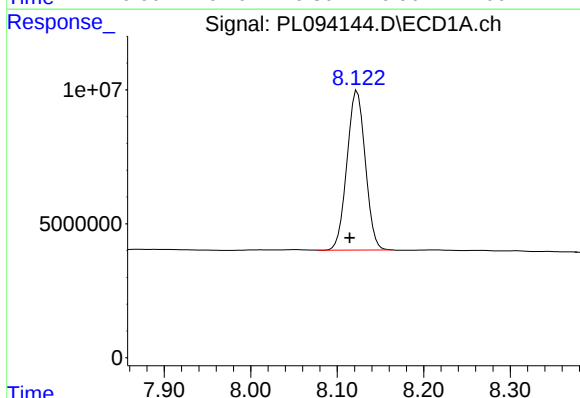
R.T.: 7.651 min  
Delta R.T.: 0.009 min  
Response: 116100636  
Conc: 46.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166678BSD



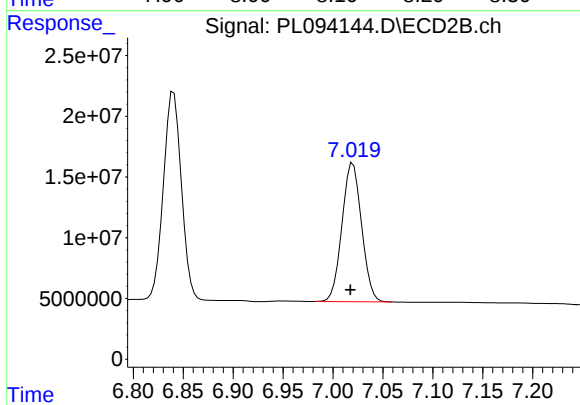
#21 Endrin ketone

R.T.: 6.840 min  
Delta R.T.: 0.002 min  
Response: 214732522  
Conc: 51.18 ng/ml



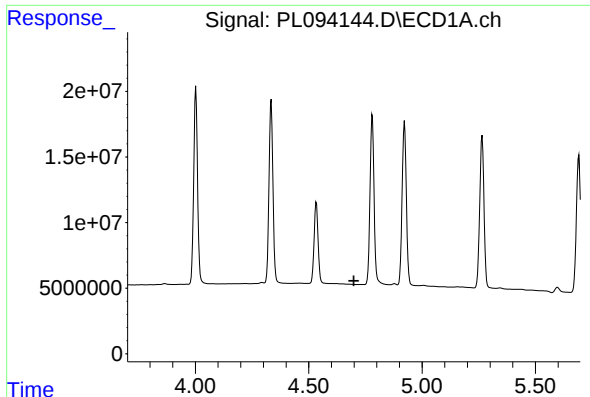
#22 Mirex

R.T.: 8.123 min  
Delta R.T.: 0.008 min  
Response: 87293278  
Conc: 41.92 ng/ml



#22 Mirex

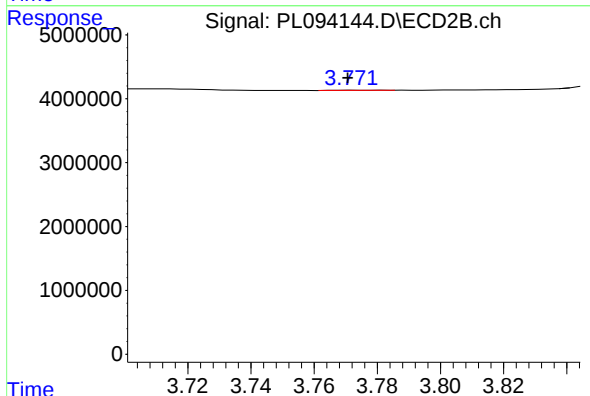
R.T.: 7.020 min  
Delta R.T.: 0.002 min  
Response: 155849869  
Conc: 46.08 ng/ml



#23 Chlordane-1

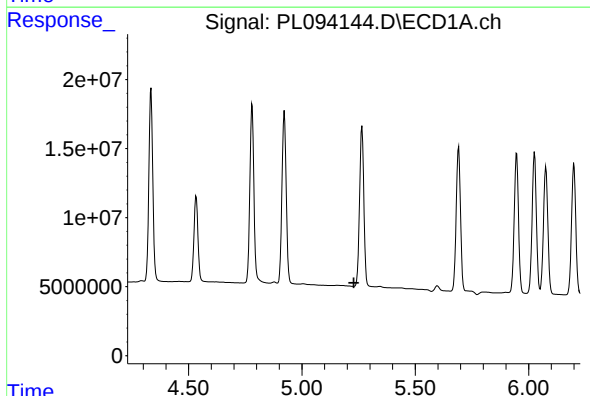
R.T.: 0.000 min  
Exp R.T.: 4.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB166678BSD



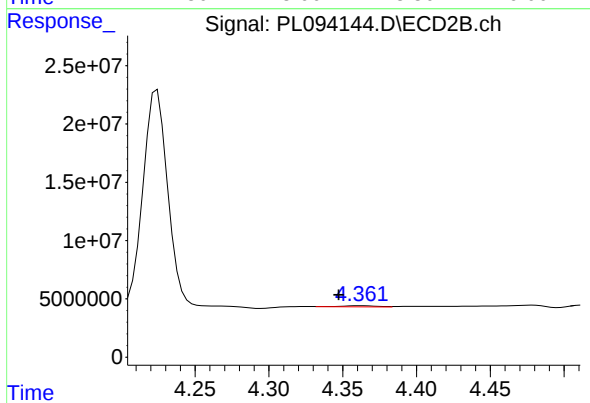
#23 Chlordane-1

R.T.: 3.774 min  
Delta R.T.: 0.003 min  
Response: 24061  
Conc: 0.19 ng/ml



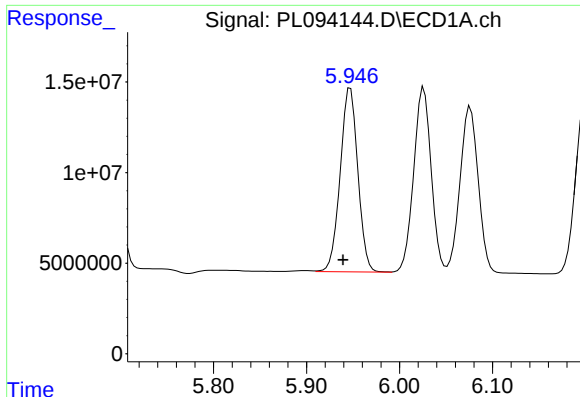
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.229 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

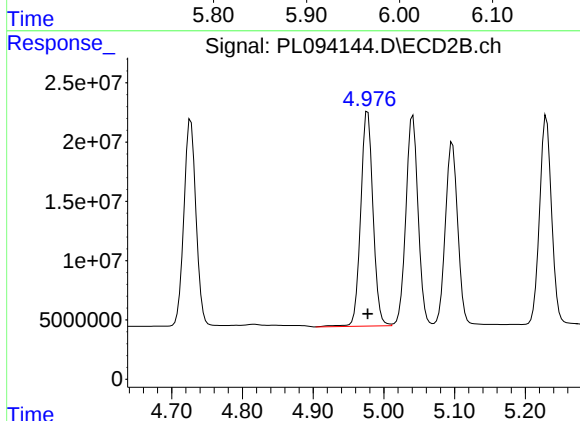
R.T.: 4.362 min  
Delta R.T.: 0.015 min  
Response: 1532407  
Conc: 10.44 ng/ml



#25 Chlordane-3

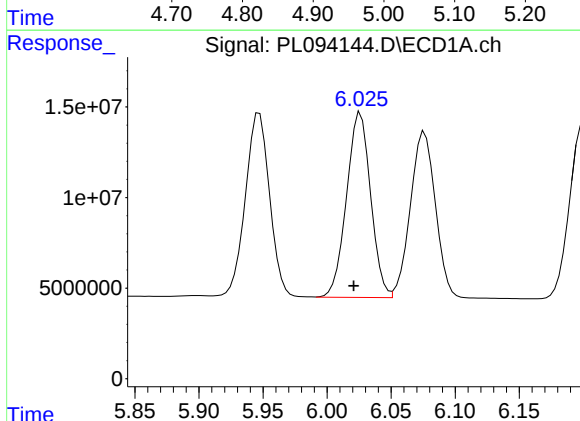
R.T.: 5.947 min  
Delta R.T.: 0.008 min  
Response: 133797703  
Conc: 341.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166678BSD



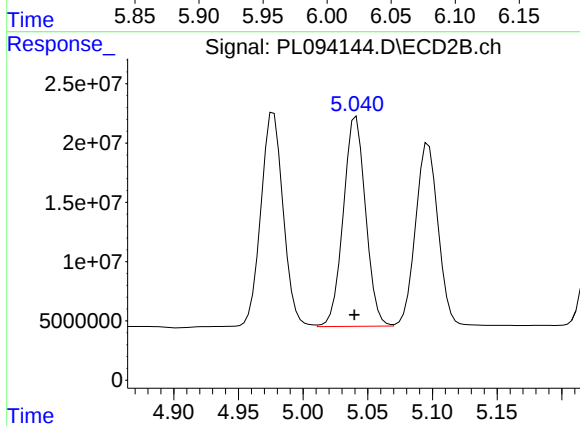
#25 Chlordane-3

R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 219224346  
Conc: 504.17 ng/ml



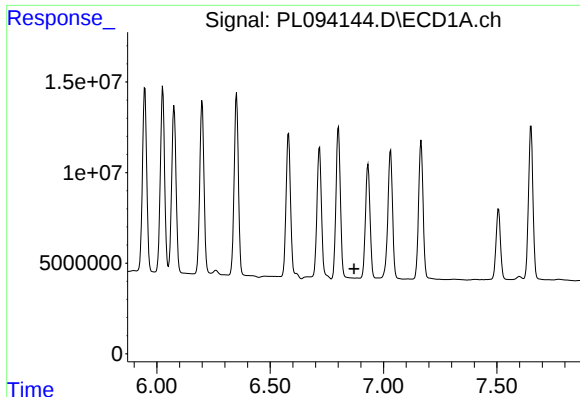
#26 Chlordane-4

R.T.: 6.026 min  
Delta R.T.: 0.005 min  
Response: 133618183  
Conc: 284.23 ng/ml



#26 Chlordane-4

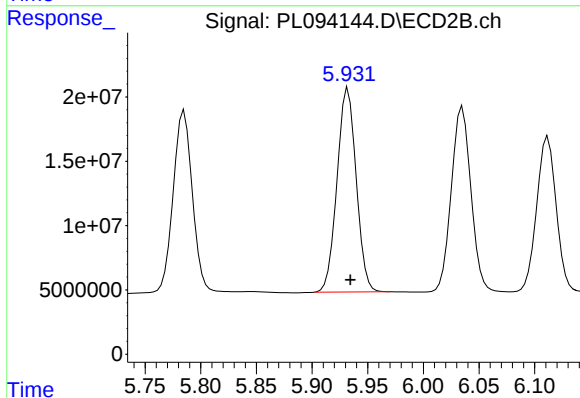
R.T.: 5.041 min  
Delta R.T.: 0.001 min  
Response: 211462753  
Conc: 499.12 ng/ml



#27 Chlordane-5

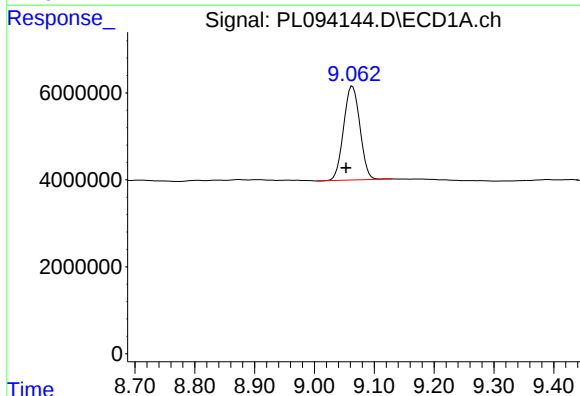
R.T.: 0.000 min  
Exp R.T.: 6.870 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB166678BSD



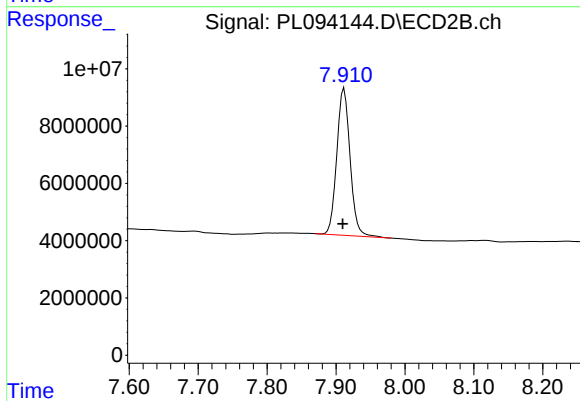
#27 Chlordane-5

R.T.: 5.932 min  
Delta R.T.: -0.002 min  
Response: 190143901  
Conc: 1241.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: 0.011 min  
Response: 40931713  
Conc: 19.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: 0.002 min  
Response: 68743697  
Conc: 19.62 ng/ml