

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100219\  
 Data File : PL053025.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Oct 2019 23:28  
 Operator : SG\AJ  
 Sample : K4663-12MSD  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 03 01:17:04 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 2019  
 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... | 3.548 | 4.048  | 170.7E6 | 50613395 | 17.166   | 18.849     |
| 28)                         | SA Decachlor... | 8.343 | 9.126  | 165.5E6 | 57373306 | 16.523   | 19.556     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.993 | 4.439  | 837.6E6 | 225.2E6  | 52.512   | 58.658     |
| 3)                          | MA gamma-BHC... | 4.279 | 4.724  | 782.5E6 | 211.0E6  | 53.723   | 58.275     |
| 4)                          | MA Heptachlor   | 4.588 | 5.235  | 782.6E6 | 212.1E6  | 52.373   | 55.649     |
| 5)                          | MB Aldrin       | 4.840 | 5.540  | 754.9E6 | 203.5E6  | 54.878   | 58.707     |
| 6)                          | B beta-BHC      | 4.529 | 4.893  | 322.6E6 | 94445254 | 51.960   | 60.087     |
| 7)                          | B delta-BHC     | 4.738 | 5.111  | 727.6E6 | 198.8E6  | 50.778   | 54.923     |
| 8)                          | B Heptachlo...  | 5.287 | 5.926  | 698.3E6 | 190.6E6  | 53.588   | 56.883     |
| 9)                          | A Endosulfan I  | 5.630 | 6.283  | 634.9E6 | 179.7E6  | 52.316   | 57.483     |
| 10)                         | B gamma-Chl...  | 5.516 | 6.159  | 705.9E6 | 191.9E6  | 52.493   | 56.720     |
| 11)                         | B alpha-Chl...  | 5.575 | 6.232  | 681.6E6 | 190.2E6  | 51.678   | 56.512     |
| 12)                         | B 4,4'-DDE      | 5.738 | 6.388  | 633.4E6 | 190.4E6  | 54.574   | 58.291     |
| 13)                         | MA Dieldrin     | 5.874 | 6.540  | 680.7E6 | 188.8E6  | 52.733   | 57.885     |
| 14)                         | MA Endrin       | 6.133 | 6.757  | 573.0E6 | 154.2E6  | 50.304   | 55.512     |
| 15)                         | B Endosulfa...  | 6.406 | 6.965  | 566.8E6 | 166.0E6  | 49.460   | 55.961     |
| 16)                         | A 4,4'-DDD      | 6.256 | 6.877  | 508.6E6 | 152.2E6  | 56.580   | 62.068     |
| 17)                         | MA 4,4'-DDT     | 6.499 | 7.176  | 497.7E6 | 139.9E6  | 48.733   | 53.768     |
| 18)                         | B Endrin al...  | 6.574 | 7.090  | 466.4E6 | 138.0E6  | 49.669   | 56.282     |
| 19)                         | B Endosulfa...  | 6.788 | 7.312  | 548.9E6 | 156.7E6  | 52.732   | 57.391     |
| 20)                         | A Methoxychlor  | 7.046 | 7.633  | 241.9E6 | 74685840 | 46.902   | 53.047     |
| 21)                         | B Endrin ke...  | 7.282 | 7.783  | 589.4E6 | 172.7E6  | 50.568   | 60.519     |
| 22)                         | Mirex           | 7.478 | 8.238  | 423.1E6 | 119.4E6  | 44.806   | 53.084     |
| 24)                         | Chlordane-2     | 0.000 | 5.540f | 0       | 203.5E6  | N.D.     | 1817.852 # |
| 25)                         | Chlordane-3     | 5.516 | 6.159  | 705.9E6 | 191.9E6  | 609.248  | 440.607 #  |
| 26)                         | Chlordane-4     | 5.575 | 6.232  | 681.6E6 | 190.2E6  | 714.149  | 358.225 #  |
| 27)                         | Chlordane-5     | 6.406 | 0.000  | 566.8E6 | 0        | 1436.955 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

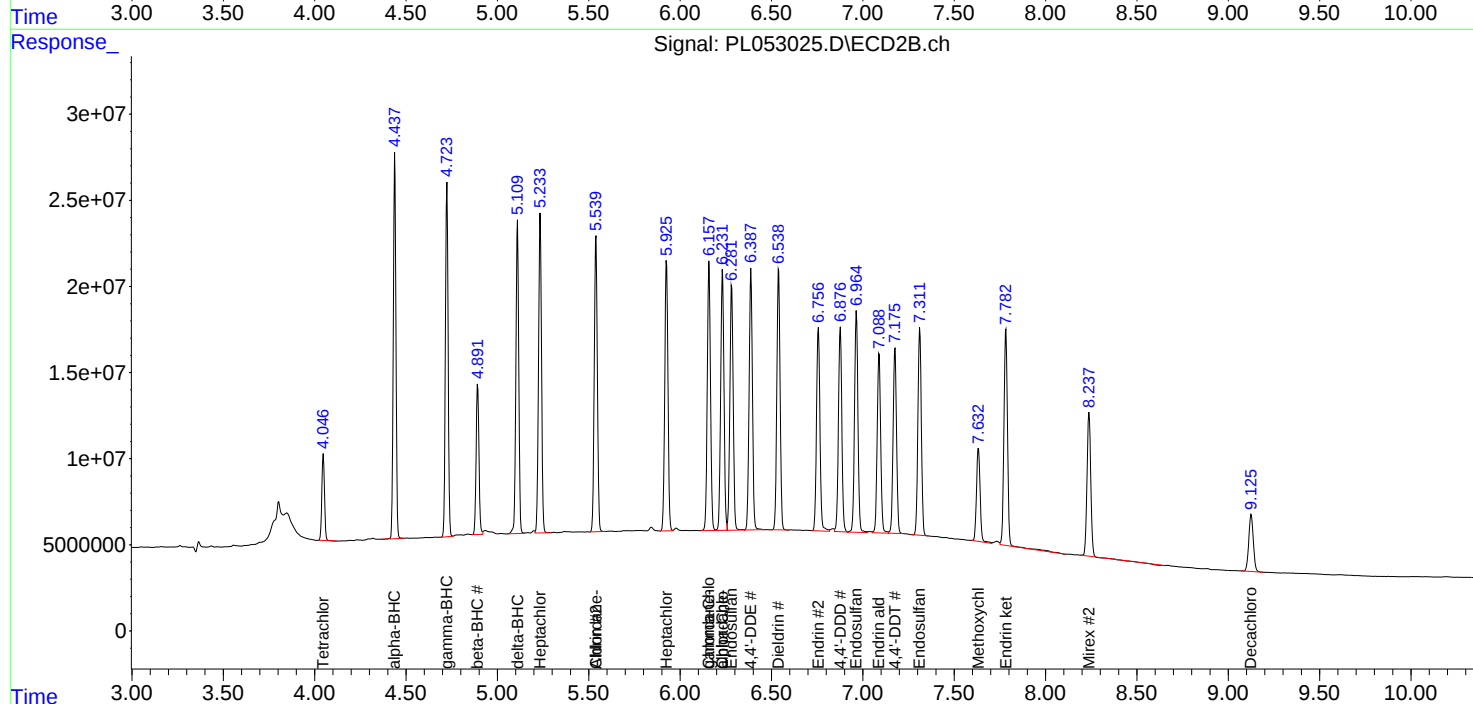
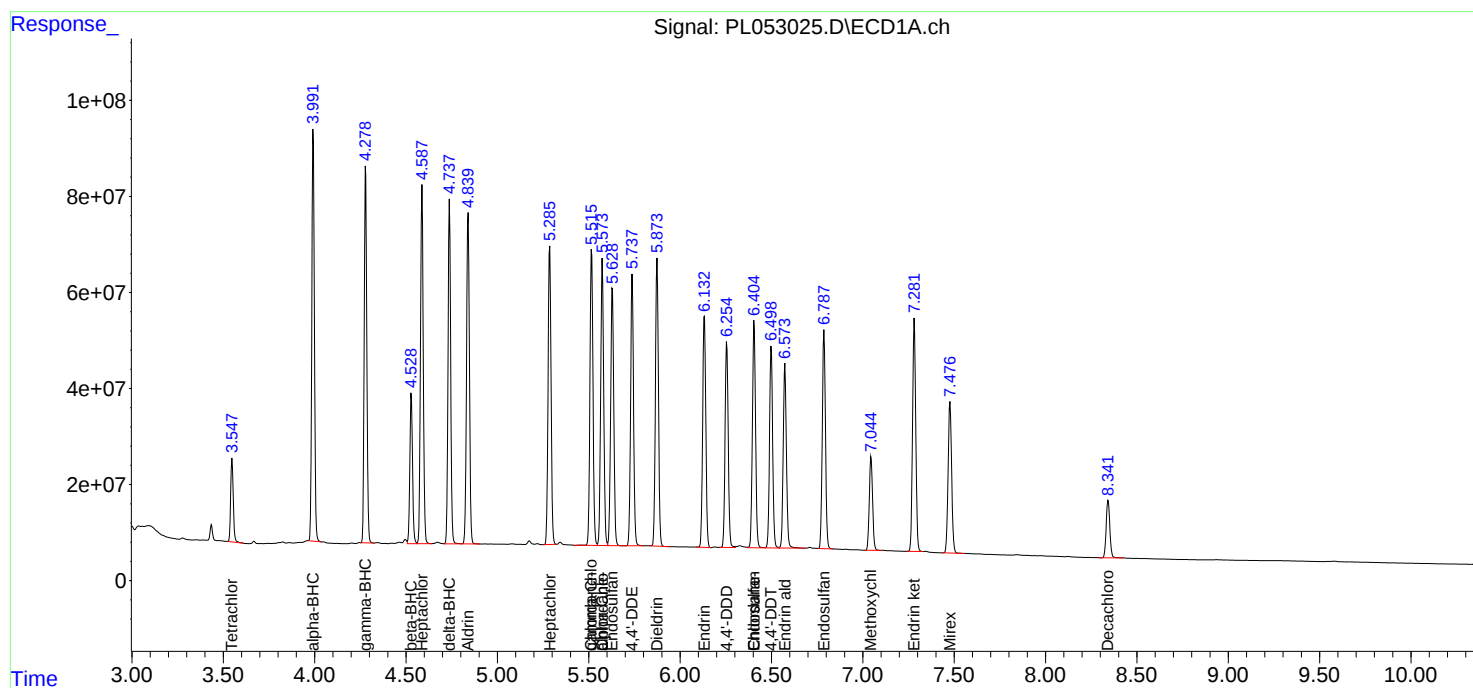
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

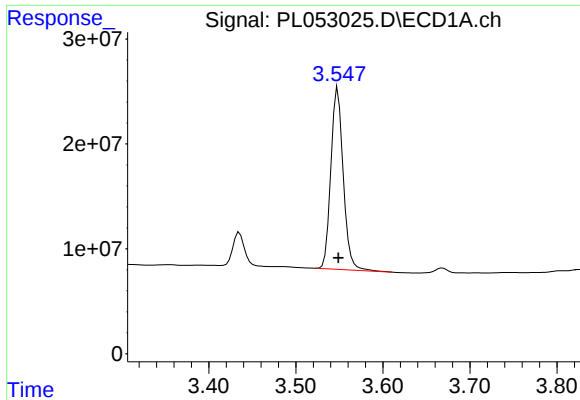
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100219\  
Data File : PL053025.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Oct 2019 23:28  
Operator : SG\AJ  
Sample : K4663-12MSD  
Misc :  
ALS Vial : 44 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 03 01:17:04 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 30 08:44:08 2019  
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

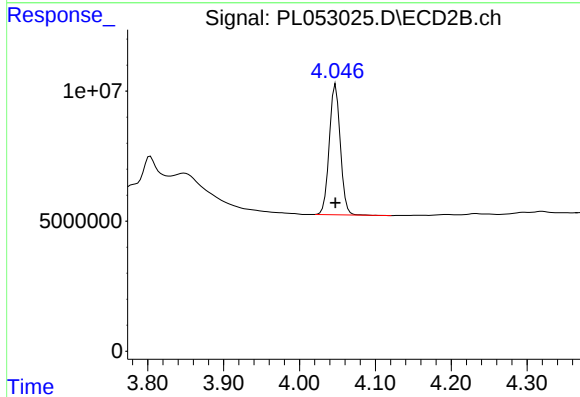




#1 Tetrachloro-m-xylene

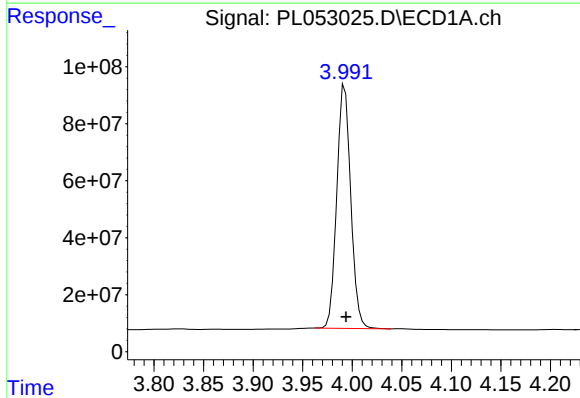
R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 170744395  
Conc: 17.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



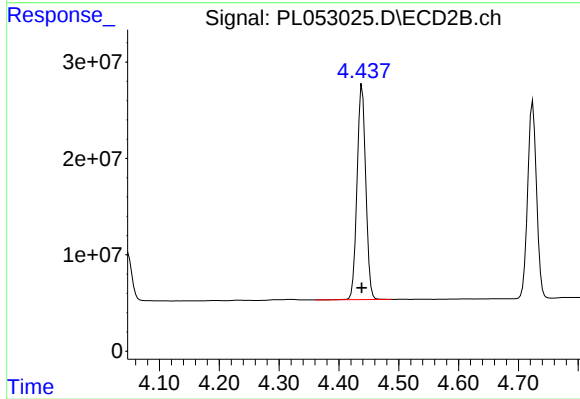
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.000 min  
Response: 50613395  
Conc: 18.85 ng/ml



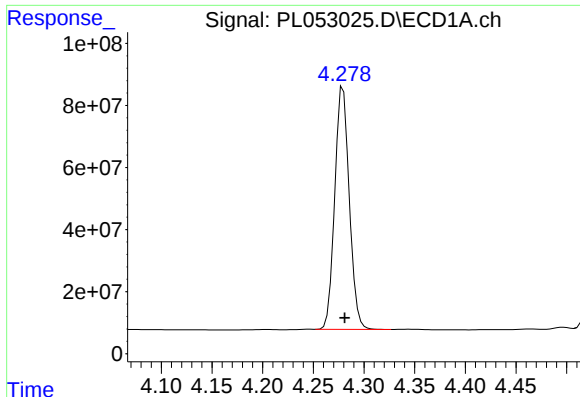
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: -0.001 min  
Response: 837588720  
Conc: 52.51 ng/ml



#2 alpha-BHC

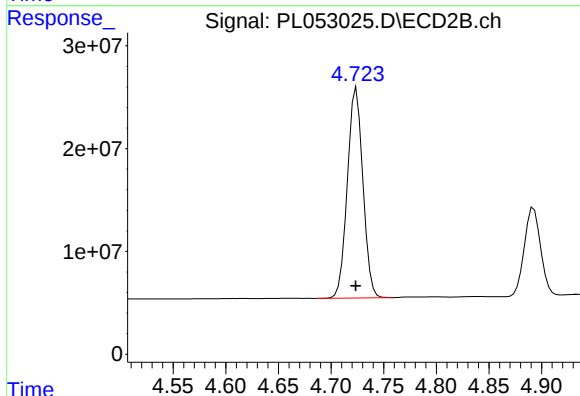
R.T.: 4.439 min  
Delta R.T.: 0.000 min  
Response: 225248913  
Conc: 58.66 ng/ml



#3 gamma-BHC (Lindane)

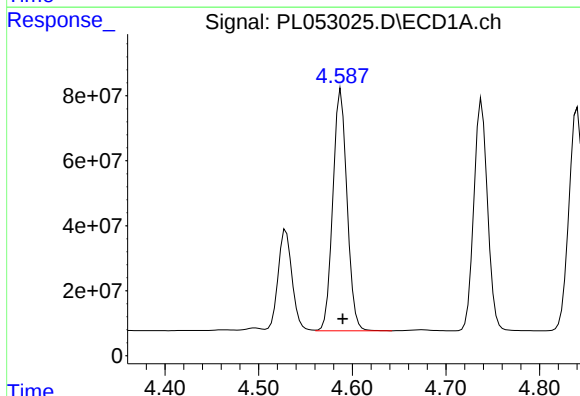
R.T.: 4.279 min  
Delta R.T.: -0.001 min  
Response: 782458140  
Conc: 53.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



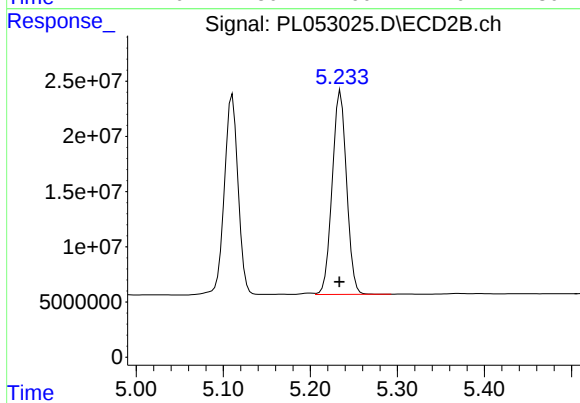
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 211026370  
Conc: 58.28 ng/ml



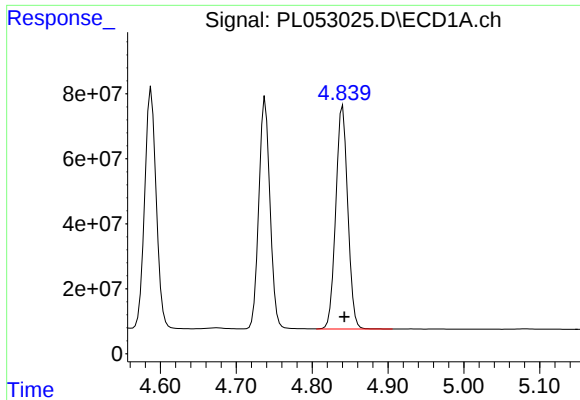
#4 Heptachlor

R.T.: 4.588 min  
Delta R.T.: -0.002 min  
Response: 782553293  
Conc: 52.37 ng/ml



#4 Heptachlor

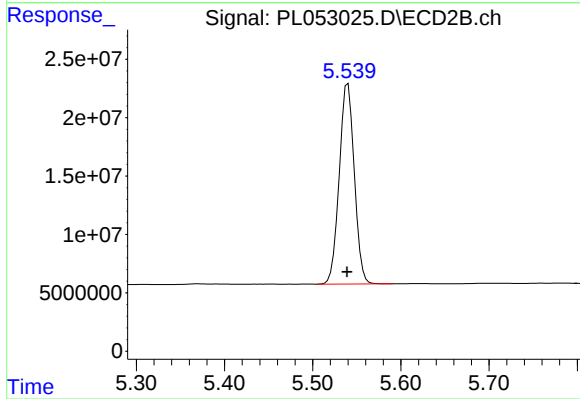
R.T.: 5.235 min  
Delta R.T.: 0.001 min  
Response: 212062298  
Conc: 55.65 ng/ml



#5 Aldrin

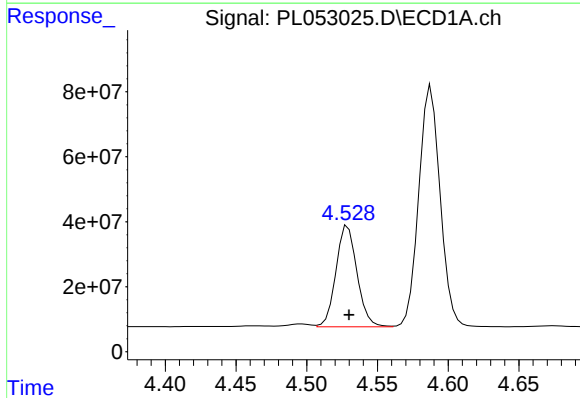
R.T.: 4.840 min  
Delta R.T.: -0.002 min  
Response: 754859714  
Conc: 54.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



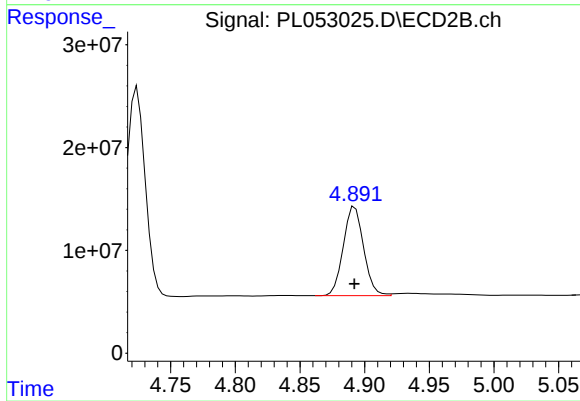
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: 0.001 min  
Response: 203458274  
Conc: 58.71 ng/ml



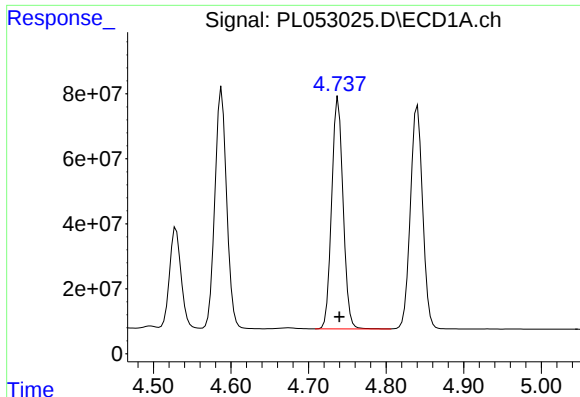
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 322594729  
Conc: 51.96 ng/ml



#6 beta-BHC

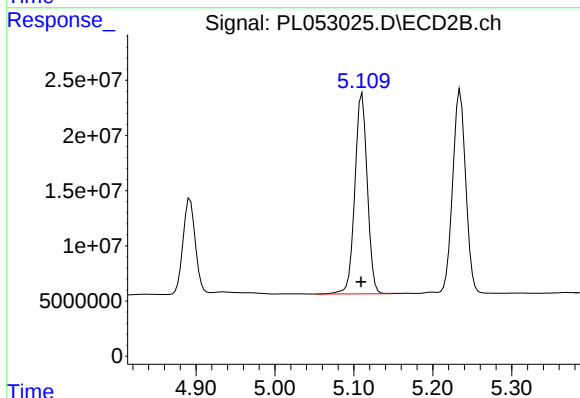
R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 94445254  
Conc: 60.09 ng/ml



#7 delta-BHC

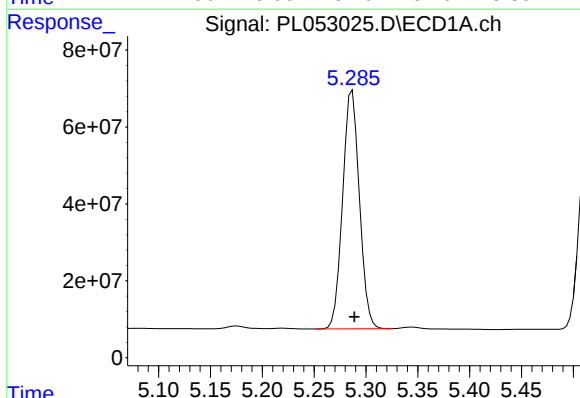
R.T.: 4.738 min  
Delta R.T.: -0.001 min  
Response: 727612131  
Conc: 50.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



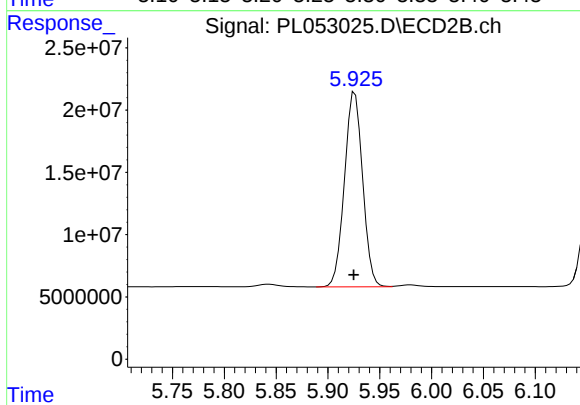
#7 delta-BHC

R.T.: 5.111 min  
Delta R.T.: 0.001 min  
Response: 198814433  
Conc: 54.92 ng/ml



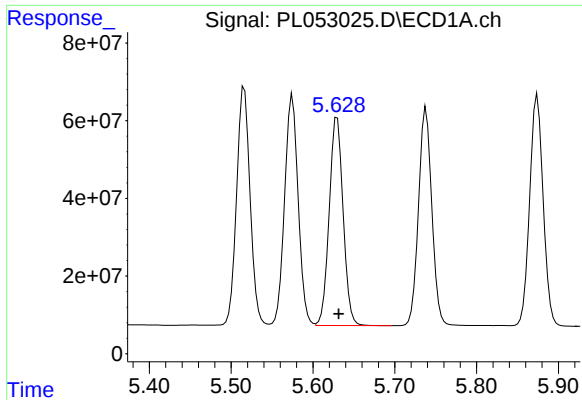
#8 Heptachlor epoxide

R.T.: 5.287 min  
Delta R.T.: -0.002 min  
Response: 698308226  
Conc: 53.59 ng/ml



#8 Heptachlor epoxide

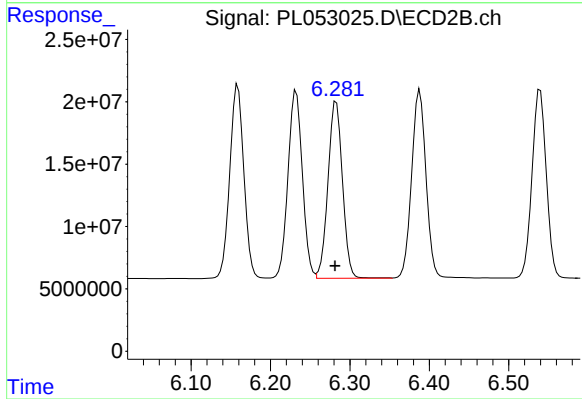
R.T.: 5.926 min  
Delta R.T.: 0.001 min  
Response: 190644669  
Conc: 56.88 ng/ml



#9 Endosulfan I

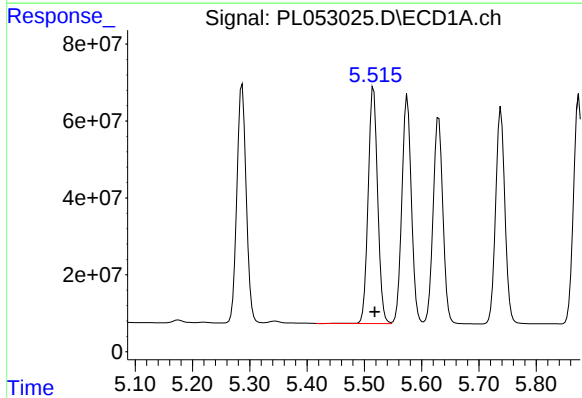
R.T.: 5.630 min  
Delta R.T.: -0.002 min  
Response: 634902200  
Conc: 52.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



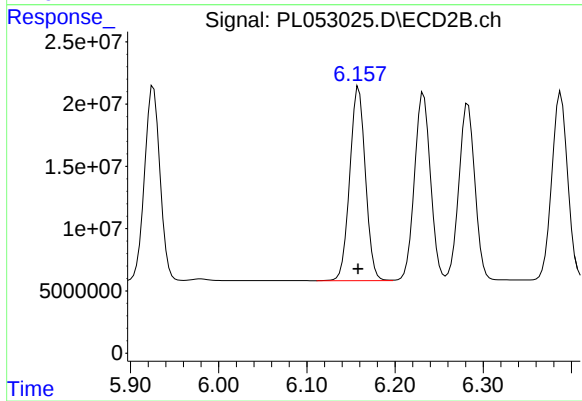
#9 Endosulfan I

R.T.: 6.283 min  
Delta R.T.: 0.002 min  
Response: 179674714  
Conc: 57.48 ng/ml



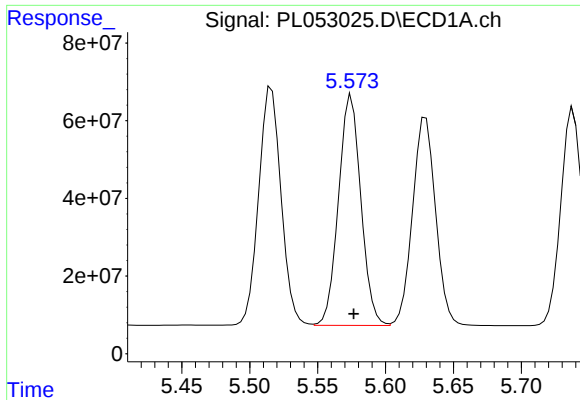
#10 gamma-Chlordane

R.T.: 5.516 min  
Delta R.T.: -0.002 min  
Response: 705934585  
Conc: 52.49 ng/ml



#10 gamma-Chlordane

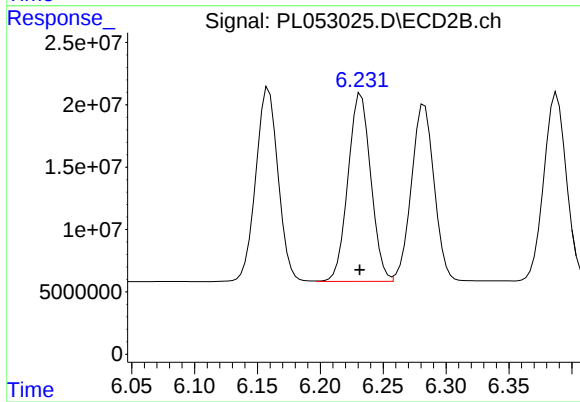
R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 191888417  
Conc: 56.72 ng/ml



#11 alpha-Chlordane

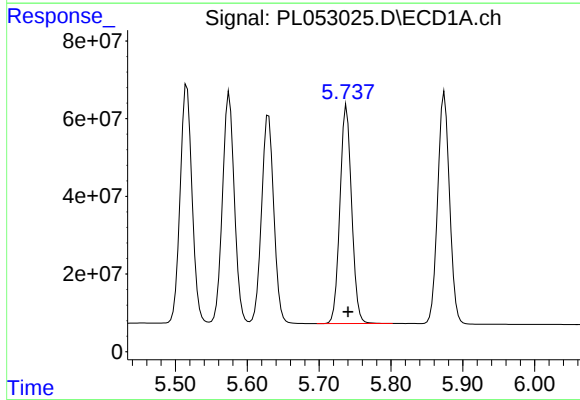
R.T.: 5.575 min  
Delta R.T.: -0.002 min  
Response: 681591650  
Conc: 51.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



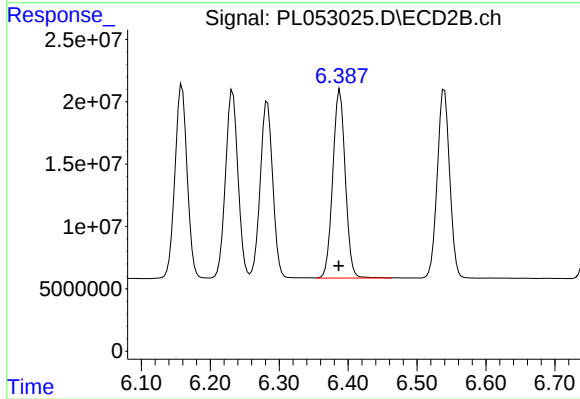
#11 alpha-Chlordane

R.T.: 6.232 min  
Delta R.T.: 0.001 min  
Response: 190216529  
Conc: 56.51 ng/ml



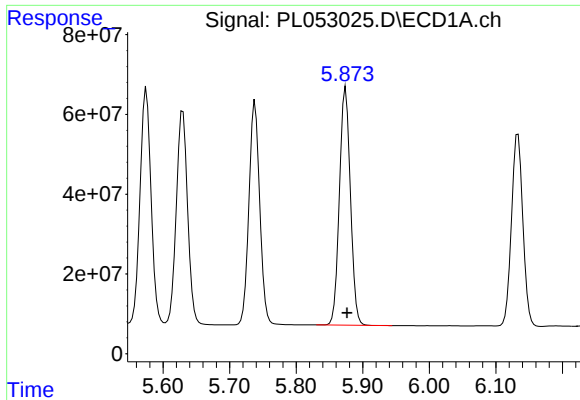
#12 4,4'-DDE

R.T.: 5.738 min  
Delta R.T.: -0.002 min  
Response: 633410838  
Conc: 54.57 ng/ml



#12 4,4'-DDE

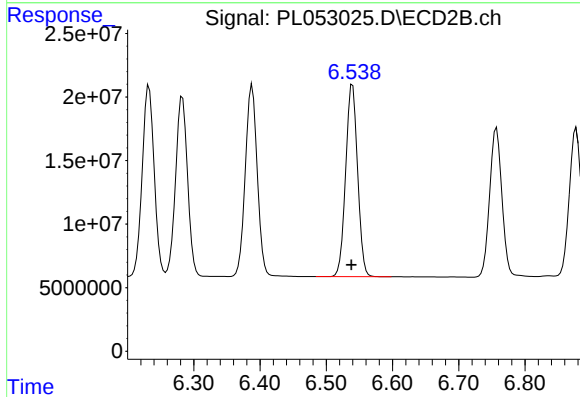
R.T.: 6.388 min  
Delta R.T.: 0.002 min  
Response: 190388516  
Conc: 58.29 ng/ml



#13 Dieldrin

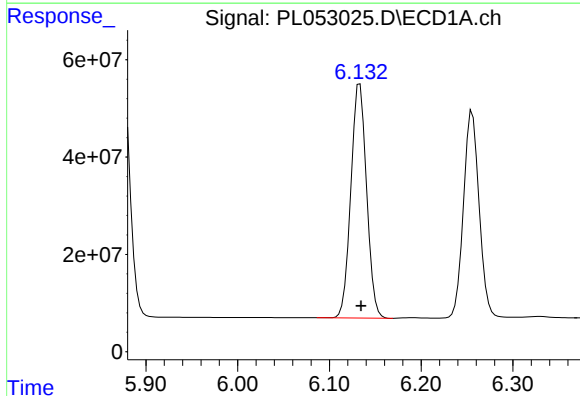
R.T.: 5.874 min  
Delta R.T.: -0.002 min  
Response: 680679897  
Conc: 52.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



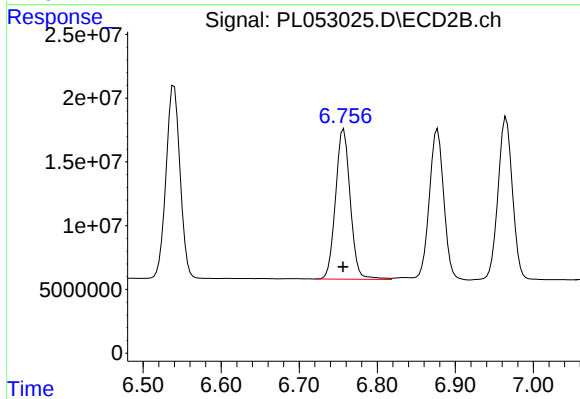
#13 Dieldrin

R.T.: 6.540 min  
Delta R.T.: 0.002 min  
Response: 188819182  
Conc: 57.89 ng/ml



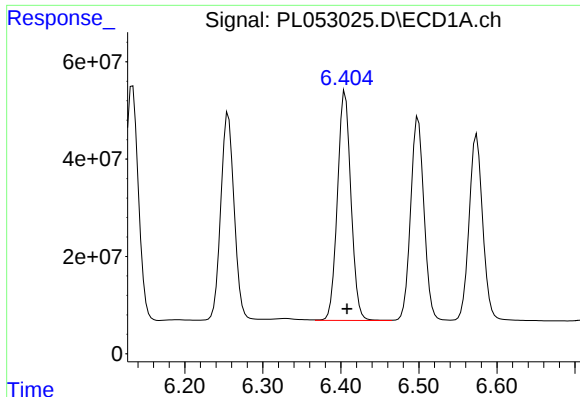
#14 Endrin

R.T.: 6.133 min  
Delta R.T.: -0.002 min  
Response: 573003938  
Conc: 50.30 ng/ml



#14 Endrin

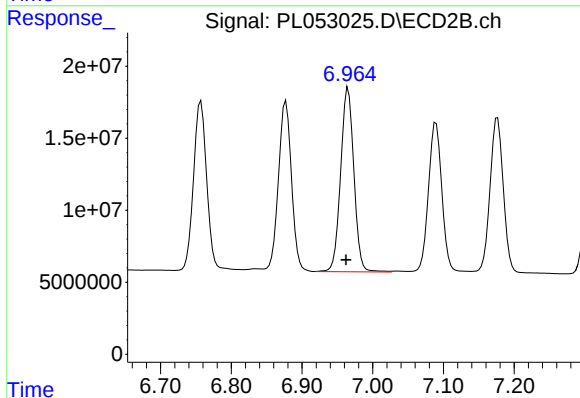
R.T.: 6.757 min  
Delta R.T.: 0.001 min  
Response: 154151000  
Conc: 55.51 ng/ml



#15 Endosulfan II

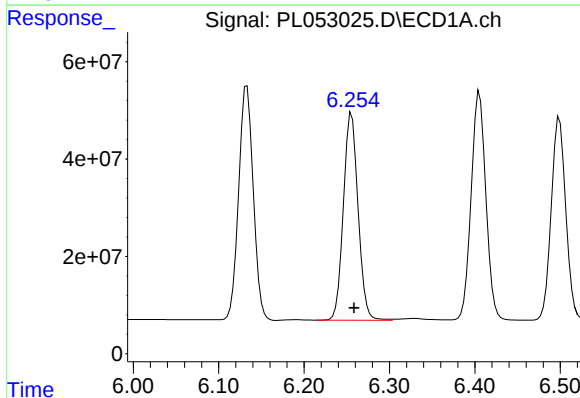
R.T.: 6.406 min  
Delta R.T.: -0.003 min  
Response: 566784312  
Conc: 49.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



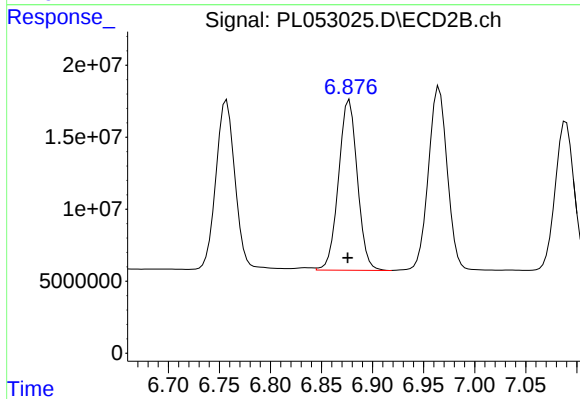
#15 Endosulfan II

R.T.: 6.965 min  
Delta R.T.: 0.003 min  
Response: 166034048  
Conc: 55.96 ng/ml



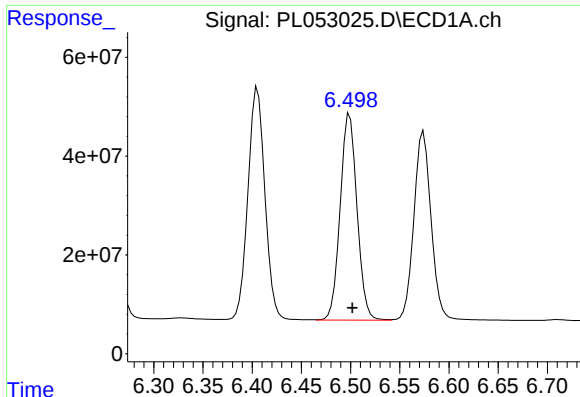
#16 4,4'-DDD

R.T.: 6.256 min  
Delta R.T.: -0.003 min  
Response: 508557168  
Conc: 56.58 ng/ml



#16 4,4'-DDD

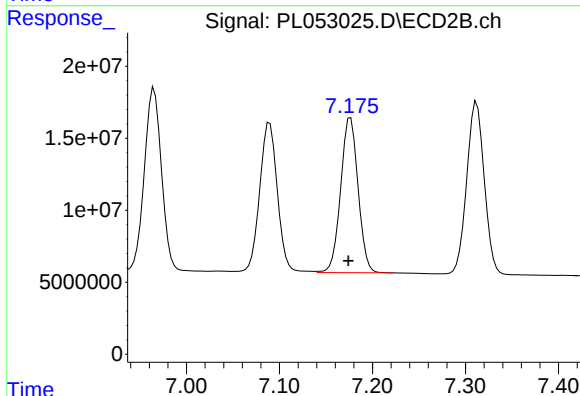
R.T.: 6.877 min  
Delta R.T.: 0.002 min  
Response: 152224361  
Conc: 62.07 ng/ml



#17 4,4'-DDT

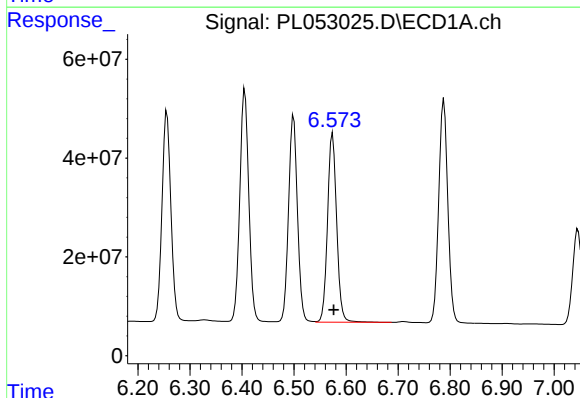
R.T.: 6.499 min  
Delta R.T.: -0.003 min  
Response: 497685245  
Conc: 48.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



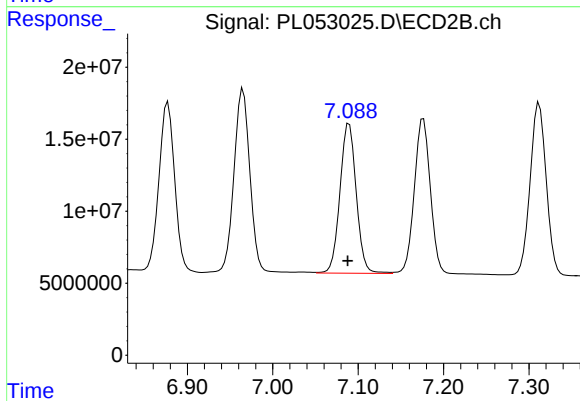
#17 4,4'-DDT

R.T.: 7.176 min  
Delta R.T.: 0.002 min  
Response: 139933312  
Conc: 53.77 ng/ml



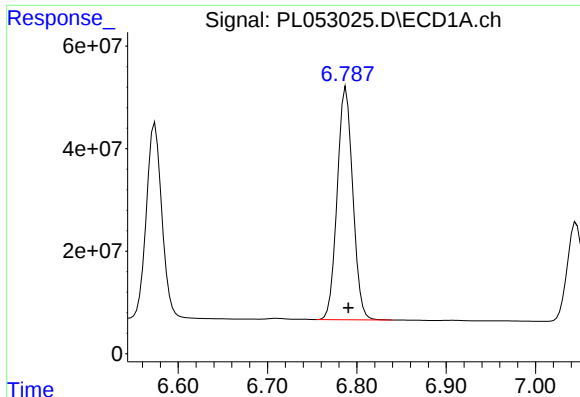
#18 Endrin aldehyde

R.T.: 6.574 min  
Delta R.T.: -0.002 min  
Response: 466430928  
Conc: 49.67 ng/ml



#18 Endrin aldehyde

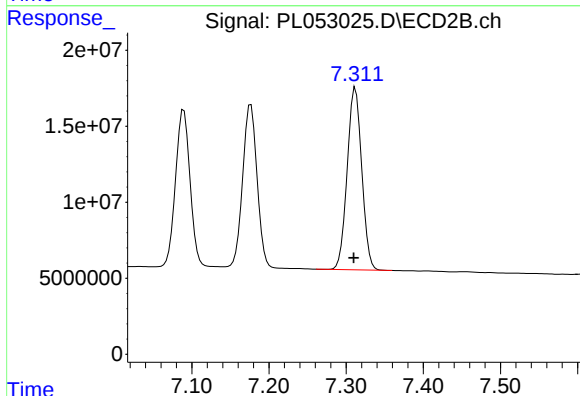
R.T.: 7.090 min  
Delta R.T.: 0.002 min  
Response: 138041520  
Conc: 56.28 ng/ml



#19 Endosulfan Sulfate

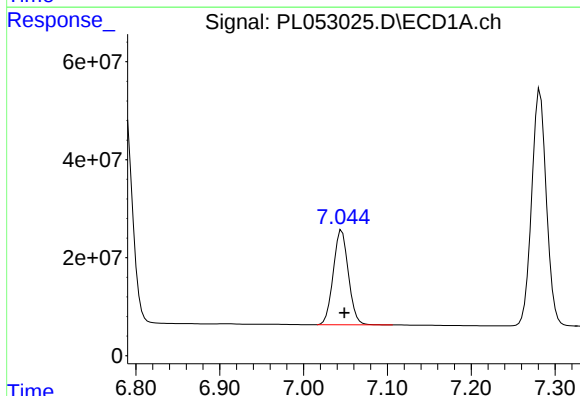
R.T.: 6.788 min  
Delta R.T.: -0.002 min  
Response: 548896037  
Conc: 52.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



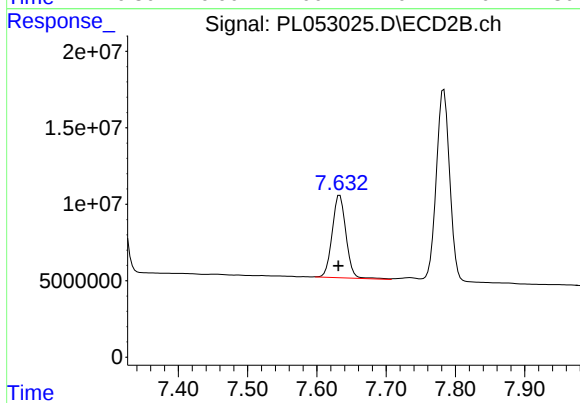
#19 Endosulfan Sulfate

R.T.: 7.312 min  
Delta R.T.: 0.002 min  
Response: 156700504  
Conc: 57.39 ng/ml



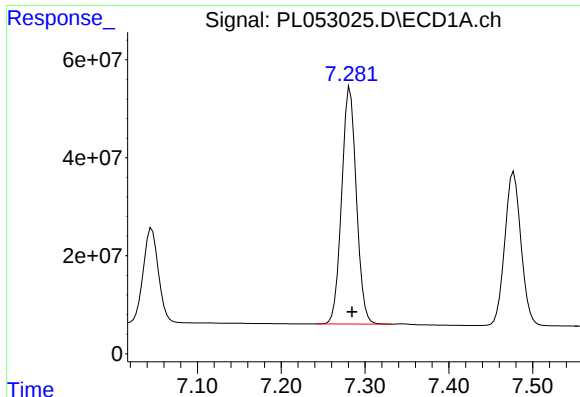
#20 Methoxychlor

R.T.: 7.046 min  
Delta R.T.: -0.003 min  
Response: 241926023  
Conc: 46.90 ng/ml



#20 Methoxychlor

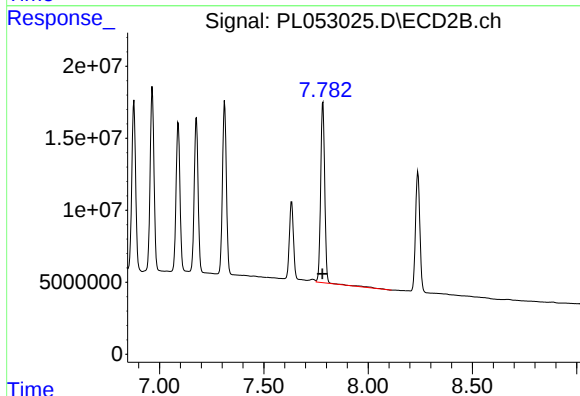
R.T.: 7.633 min  
Delta R.T.: 0.002 min  
Response: 74685840  
Conc: 53.05 ng/ml



#21 Endrin ketone

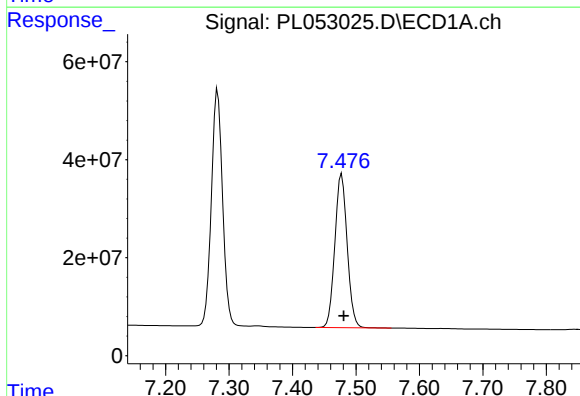
R.T.: 7.282 min  
Delta R.T.: -0.002 min  
Response: 589368081  
Conc: 50.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



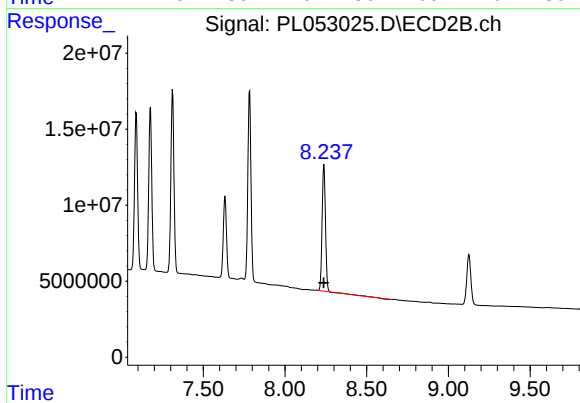
#21 Endrin ketone

R.T.: 7.783 min  
Delta R.T.: 0.002 min  
Response: 172655111  
Conc: 60.52 ng/ml



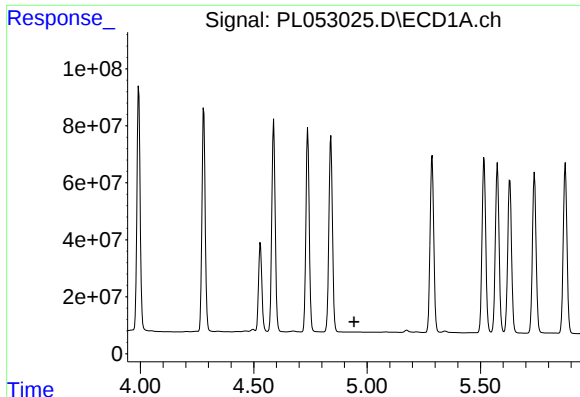
#22 Mirex

R.T.: 7.478 min  
Delta R.T.: -0.003 min  
Response: 423123989  
Conc: 44.81 ng/ml



#22 Mirex

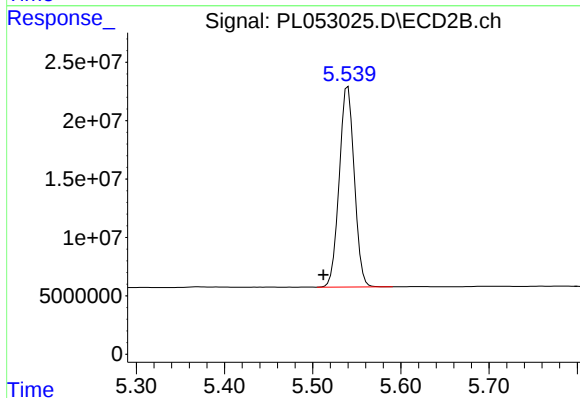
R.T.: 8.238 min  
Delta R.T.: 0.001 min  
Response: 119399108  
Conc: 53.08 ng/ml



#24 Chlordane-2

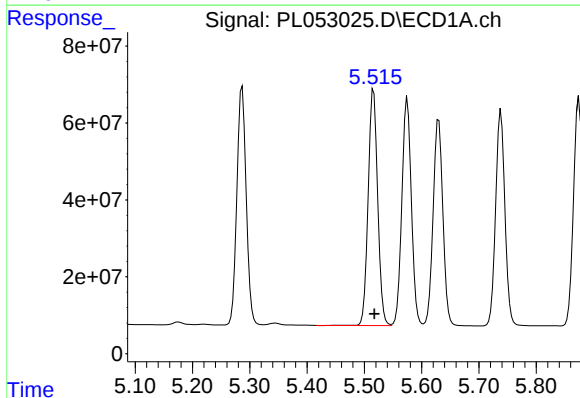
R.T.: 0.000 min  
Exp R.T.: 4.942 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



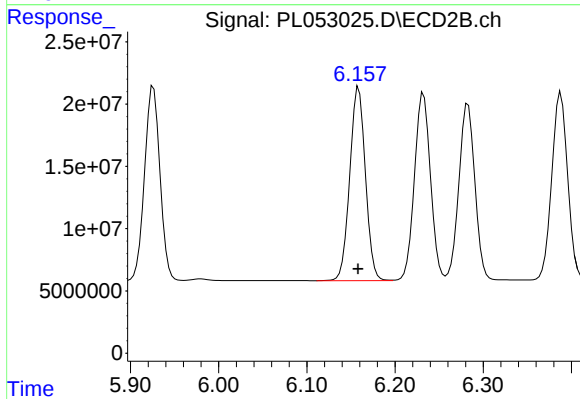
#24 Chlordane-2

R.T.: 5.540 min  
Delta R.T.: 0.028 min  
Response: 203458274  
Conc: 1817.85 ng/ml



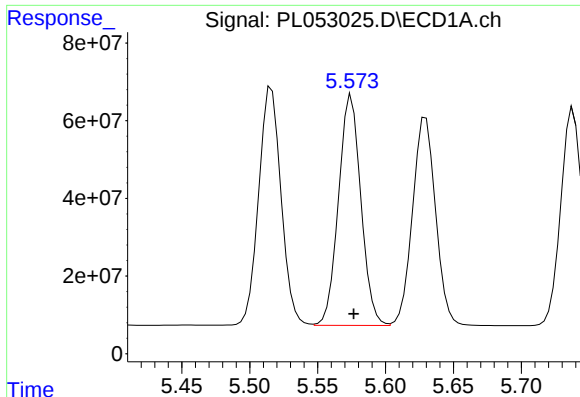
#25 Chlordane-3

R.T.: 5.516 min  
Delta R.T.: -0.002 min  
Response: 705934585  
Conc: 609.25 ng/ml



#25 Chlordane-3

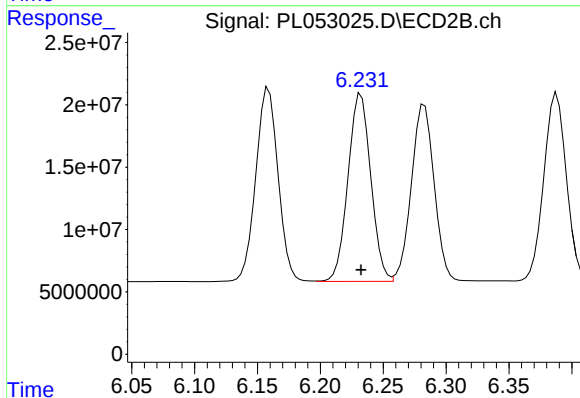
R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 191888417  
Conc: 440.61 ng/ml



#26 Chlordane-4

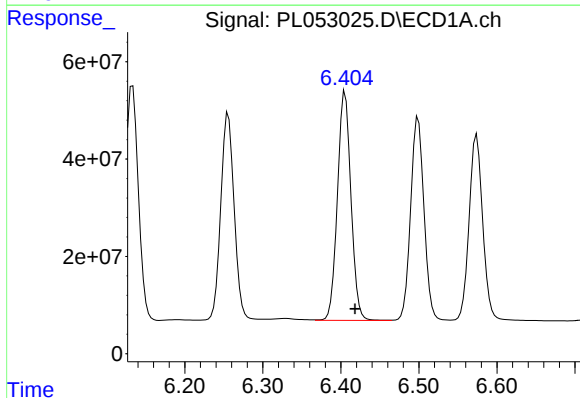
R.T.: 5.575 min  
Delta R.T.: -0.002 min  
Response: 681591650  
Conc: 714.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



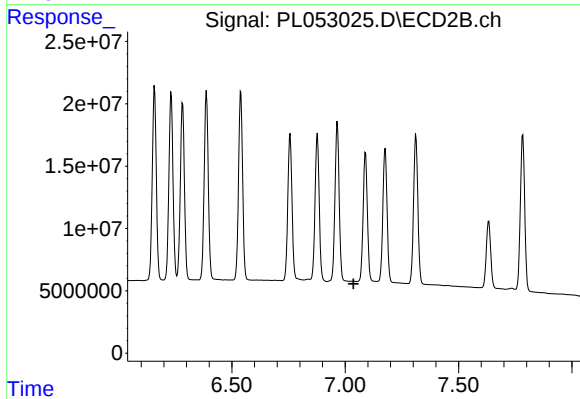
#26 Chlordane-4

R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 190216529  
Conc: 358.23 ng/ml



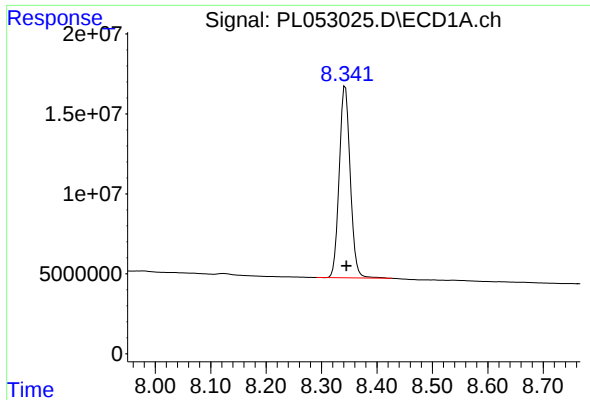
#27 Chlordane-5

R.T.: 6.406 min  
Delta R.T.: -0.013 min  
Response: 566784312  
Conc: 1436.96 ng/ml



#27 Chlordane-5

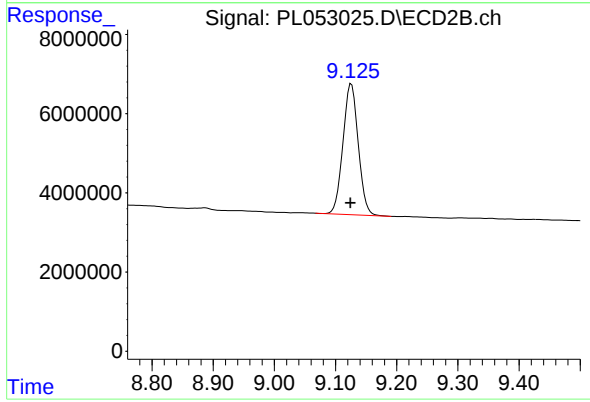
R.T.: 0.000 min  
Exp R.T.: 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.343 min  
Delta R.T.: -0.002 min  
Response: 165495034  
Conc: 16.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.126 min  
Delta R.T.: 0.002 min  
Response: 57373306  
Conc: 19.56 ng/ml