

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022822\  
 Data File : PL073025.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Feb 2022 12:33  
 Operator : AR\AJ  
 Sample : PB142937BS  
 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: Mar 01 02:21:36 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022622.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 28 02:28:04 2022  
 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... | 4.648  | 5.489  | 5909835  | 27196858 | 18.442   | 18.741     |
| 28)                         | SA Decachlor... | 10.428 | 11.327 | 9507456  | 31576999 | 20.312   | 20.017     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.357  | 6.053  | 19267844 | 93837405 | 45.723   | 47.577     |
| 3)                          | MA gamma-BHC... | 5.780  | 6.442  | 19584092 | 88219909 | 44.289   | 47.184     |
| 4)                          | MA Heptachlor   | 6.193  | 7.100  | 20643226 | 91820896 | 44.974   | 45.934     |
| 5)                          | MB Aldrin       | 6.518  | 7.468  | 20744006 | 88804325 | 46.774   | 48.524     |
| 6)                          | B beta-BHC      | 6.160  | 6.677  | 9755719  | 40090664 | 43.806   | 44.457     |
| 7)                          | B delta-BHC     | 6.421  | 6.945  | 19641643 | 87733654 | 44.978   | 46.357     |
| 8)                          | B Heptachlo...  | 7.095  | 7.924  | 20919884 | 82247332 | 44.902   | 46.725     |
| 9)                          | A Endosulfan I  | 7.498  | 8.324  | 19759357 | 74063951 | 44.548   | 45.721     |
| 10)                         | B gamma-Chl...  | 7.373  | 8.192  | 21449369 | 83102228 | 45.167   | 46.537     |
| 11)                         | B alpha-Chl...  | 7.443  | 8.274  | 21609556 | 82063823 | 45.151   | 46.612     |
| 12)                         | B 4,4'-DDE      | 7.657  | 8.459  | 17739713 | 72691012 | 45.640   | 46.492     |
| 13)                         | MA Dieldrin     | 7.785  | 8.609  | 20938191 | 77492319 | 46.726   | 47.980     |
| 14)                         | MA Endrin       | 8.076  | 8.843  | 19149305 | 63670769 | 48.226   | 48.099     |
| 15)                         | B Endosulfa...  | 8.386  | 9.067  | 21101538 | 67732145 | 48.651   | 48.944     |
| 16)                         | A 4,4'-DDD      | 8.242  | 8.985  | 16077052 | 59576571 | 46.162   | 44.799     |
| 17)                         | MA 4,4'-DDT     | 8.504  | 9.304  | 17605057 | 61844142 | 46.262   | 45.087     |
| 18)                         | B Endrin al...  | 8.575  | 9.199  | 16205988 | 53678397 | 50.480   | 49.328     |
| 19)                         | B Endosulfa...  | 8.806  | 9.436  | 20553089 | 65273577 | 46.756   | 46.038     |
| 20)                         | A Methoxychlor  | 9.100  | 9.783  | 11703771 | 36970309 | 46.859   | 47.222     |
| 21)                         | B Endrin ke...  | 9.326  | 9.924  | 23512589 | 69218774 | 47.427   | 47.209     |
| 22)                         | Mirex           | 9.515  | 10.401 | 24184753 | 62349019 | 42.864   | 42.456     |
| 24)                         | Chlordane-2     | 6.686f | 7.468f | 22533    | 88804325 | 1.136    | 1195.911 # |
| 25)                         | Chlordane-3     | 7.373  | 8.192  | 21449369 | 83102228 | 433.713  | 310.006 #  |
| 26)                         | Chlordane-4     | 7.443  | 8.274  | 21609556 | 82063823 | 408.443  | 250.230 #  |
| 27)                         | Chlordane-5     | 8.386  | 0.000  | 21101538 | 0        | 1048.622 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

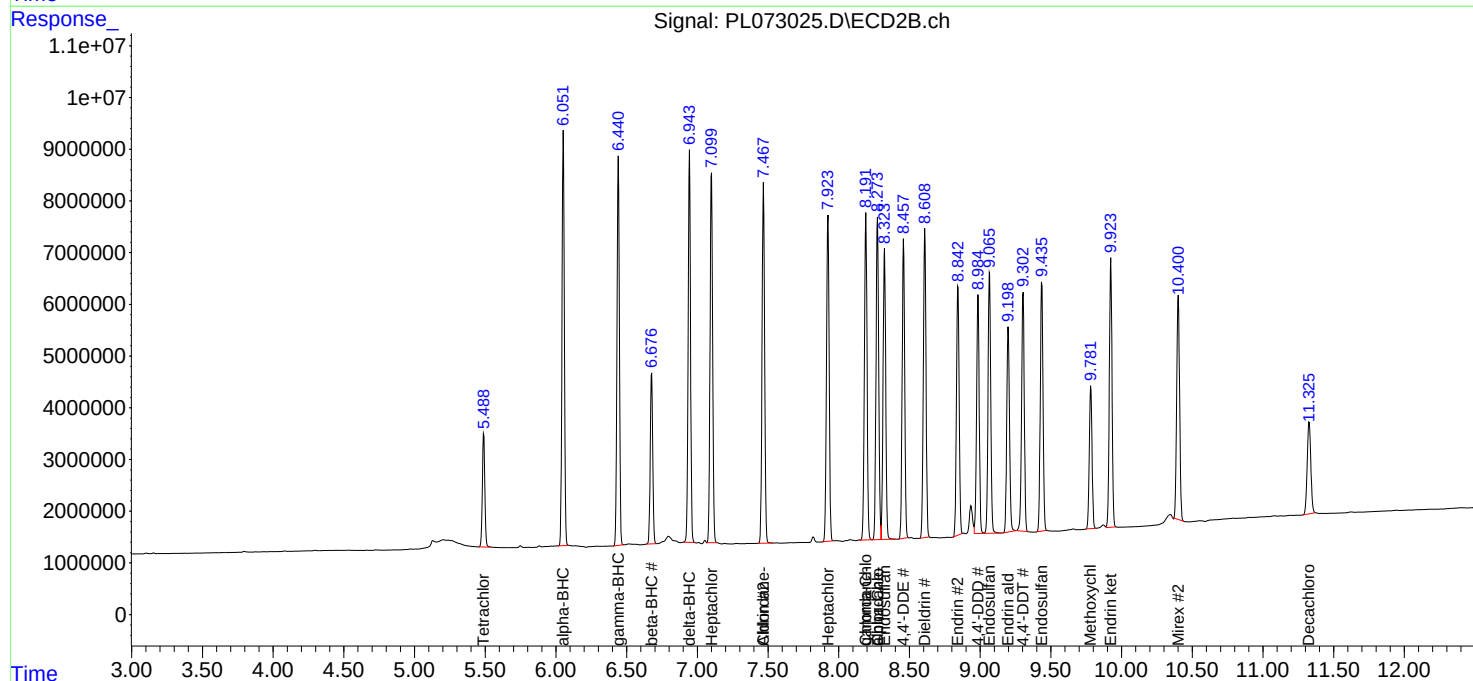
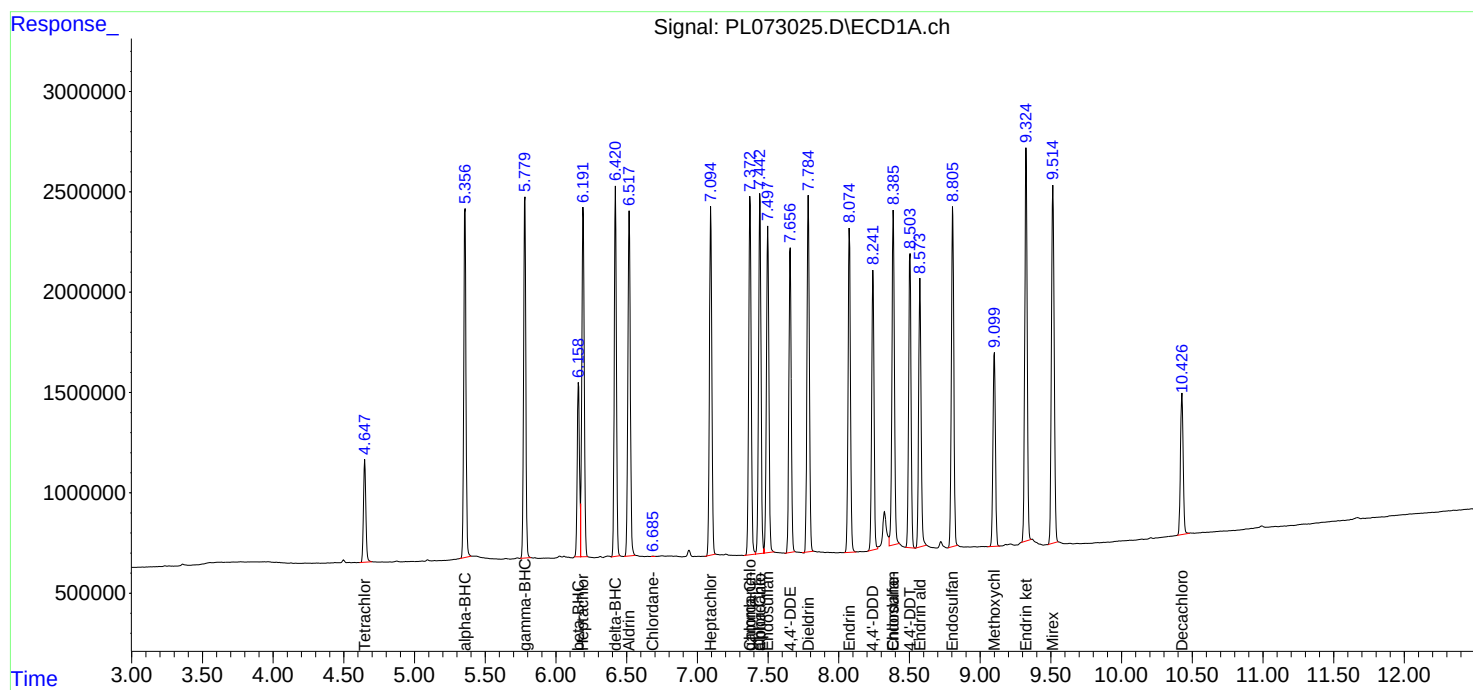
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

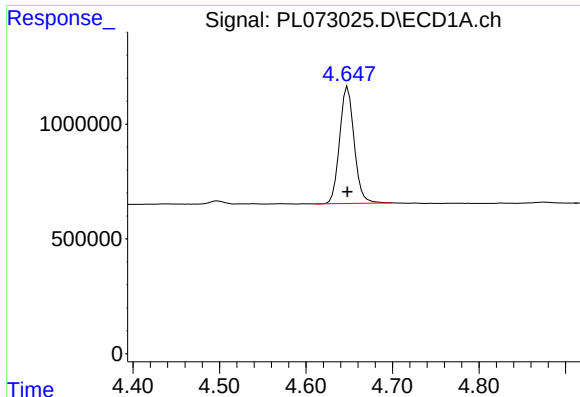
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022822\  
Data File : PL073025.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Feb 2022 12:33  
Operator : AR\AJ  
Sample : PB142937BS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 01 02:21:36 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022622.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 28 02:28:04 2022  
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

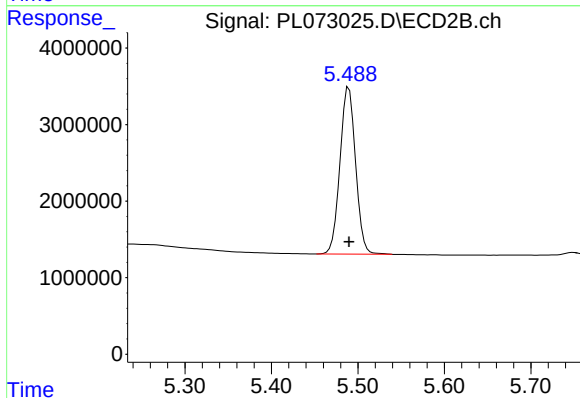




#1 Tetrachloro-m-xylene

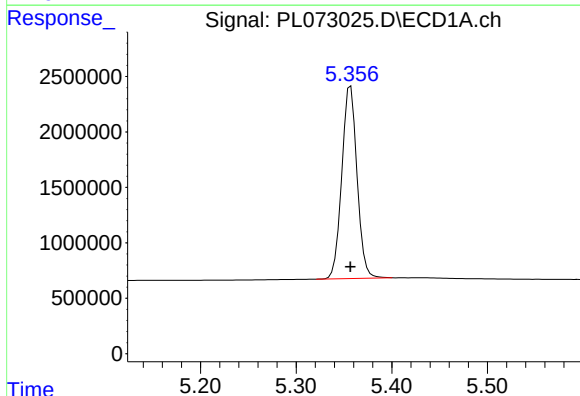
R.T.: 4.648 min  
Delta R.T.: 0.000 min  
Response: 5909835  
Conc: 18.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



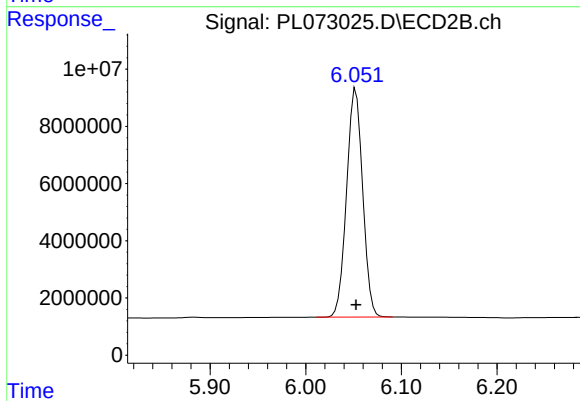
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: 0.000 min  
Response: 27196858  
Conc: 18.74 ng/ml



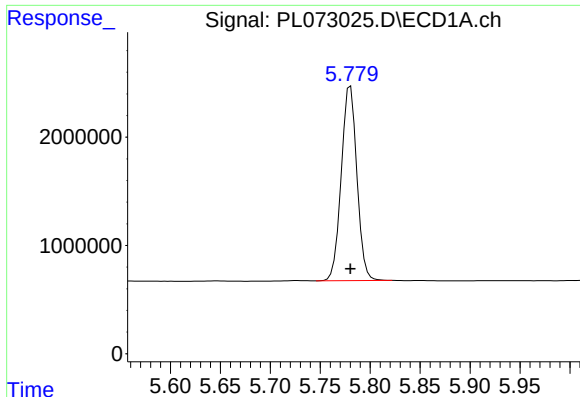
#2 alpha-BHC

R.T.: 5.357 min  
Delta R.T.: 0.000 min  
Response: 19267844  
Conc: 45.72 ng/ml



#2 alpha-BHC

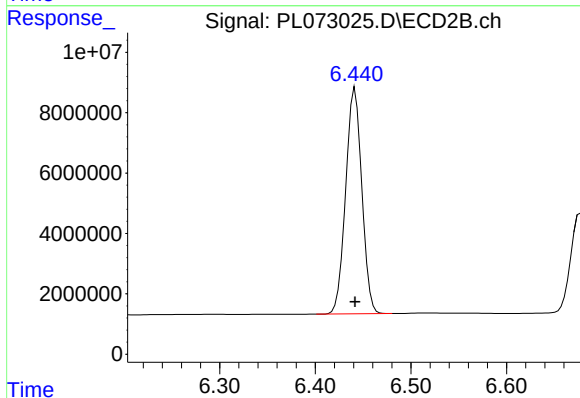
R.T.: 6.053 min  
Delta R.T.: 0.000 min  
Response: 93837405  
Conc: 47.58 ng/ml



#3 gamma-BHC (Lindane)

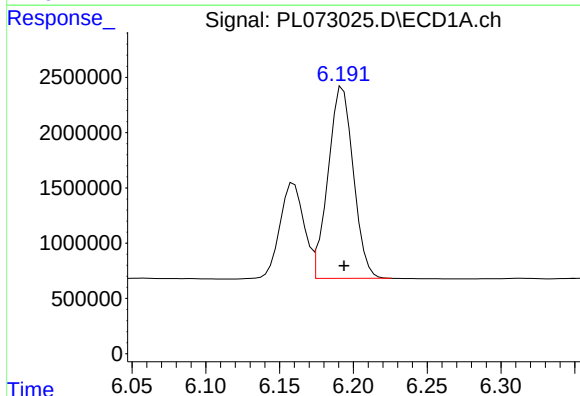
R.T.: 5.780 min  
Delta R.T.: 0.000 min  
Response: 19584092  
Conc: 44.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



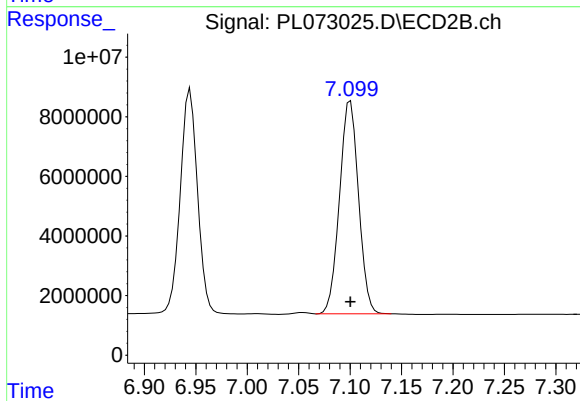
#3 gamma-BHC (Lindane)

R.T.: 6.442 min  
Delta R.T.: 0.000 min  
Response: 88219909  
Conc: 47.18 ng/ml



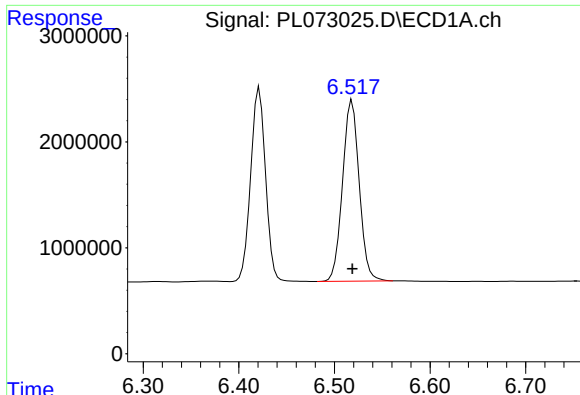
#4 Heptachlor

R.T.: 6.193 min  
Delta R.T.: 0.000 min  
Response: 20643226  
Conc: 44.97 ng/ml



#4 Heptachlor

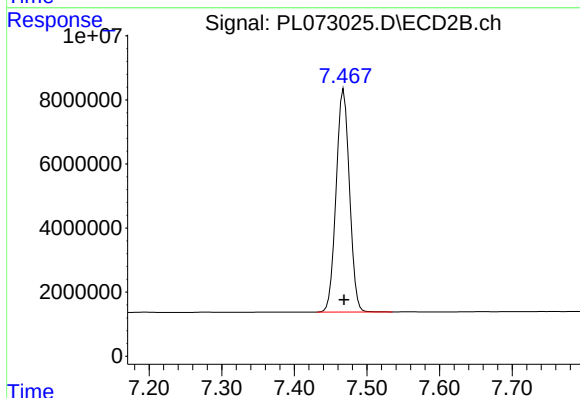
R.T.: 7.100 min  
Delta R.T.: 0.000 min  
Response: 91820896  
Conc: 45.93 ng/ml



#5 Aldrin

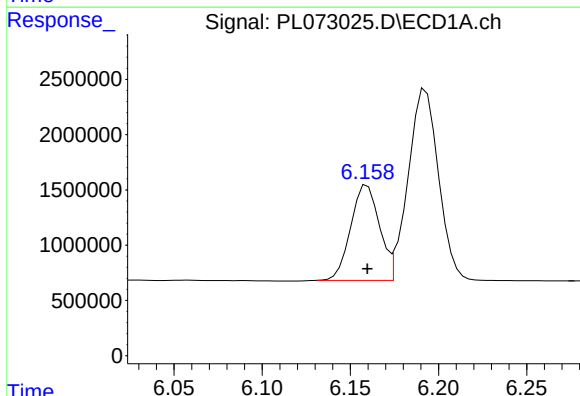
R.T.: 6.518 min  
Delta R.T.: 0.000 min  
Response: 20744006  
Conc: 46.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



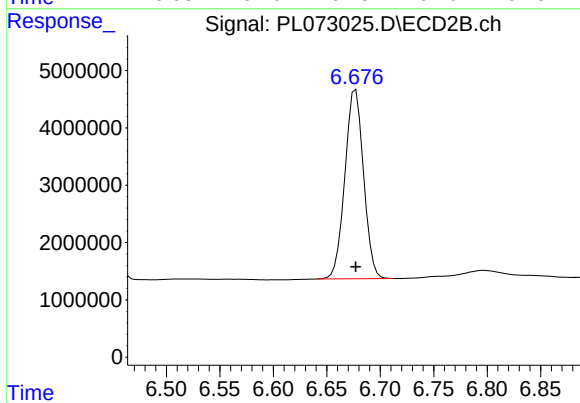
#5 Aldrin

R.T.: 7.468 min  
Delta R.T.: 0.000 min  
Response: 88804325  
Conc: 48.52 ng/ml



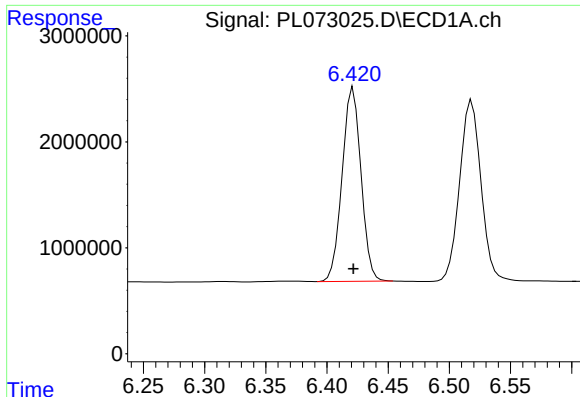
#6 beta-BHC

R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 9755719  
Conc: 43.81 ng/ml



#6 beta-BHC

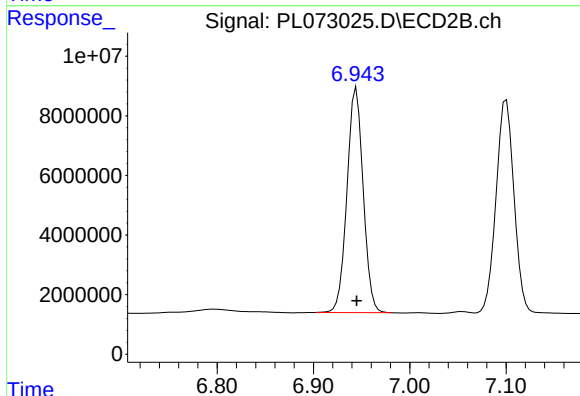
R.T.: 6.677 min  
Delta R.T.: 0.000 min  
Response: 40090664  
Conc: 44.46 ng/ml



#7 delta-BHC

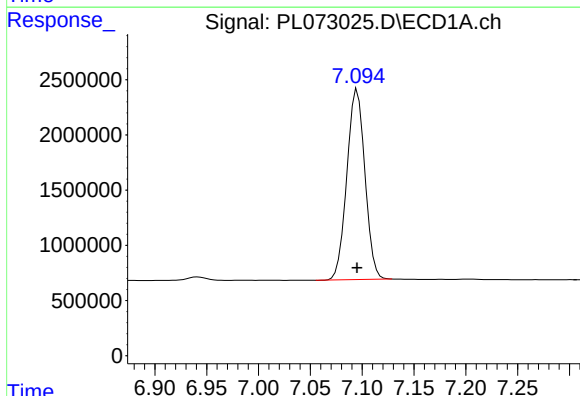
R.T.: 6.421 min  
Delta R.T.: 0.000 min  
Response: 19641643  
Conc: 44.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



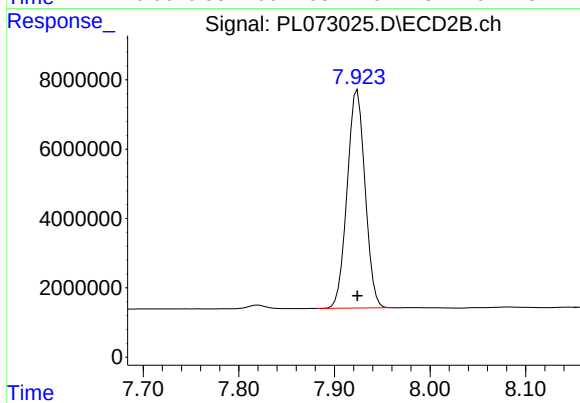
#7 delta-BHC

R.T.: 6.945 min  
Delta R.T.: 0.000 min  
Response: 87733654  
Conc: 46.36 ng/ml



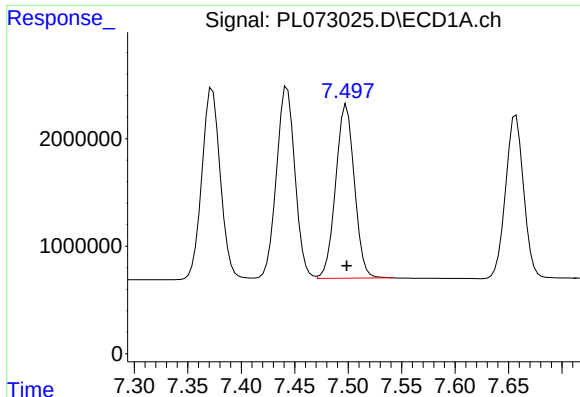
#8 Heptachlor epoxide

R.T.: 7.095 min  
Delta R.T.: 0.000 min  
Response: 20919884  
Conc: 44.90 ng/ml



#8 Heptachlor epoxide

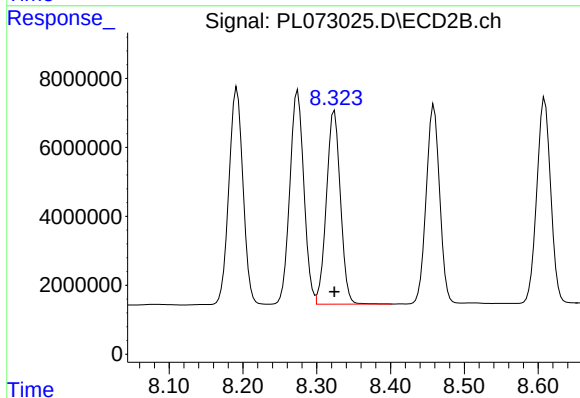
R.T.: 7.924 min  
Delta R.T.: 0.000 min  
Response: 82247332  
Conc: 46.73 ng/ml



#9 Endosulfan I

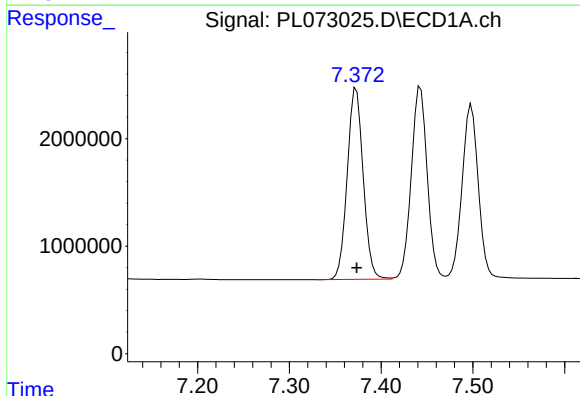
R.T.: 7.498 min  
Delta R.T.: 0.000 min  
Response: 19759357  
Conc: 44.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



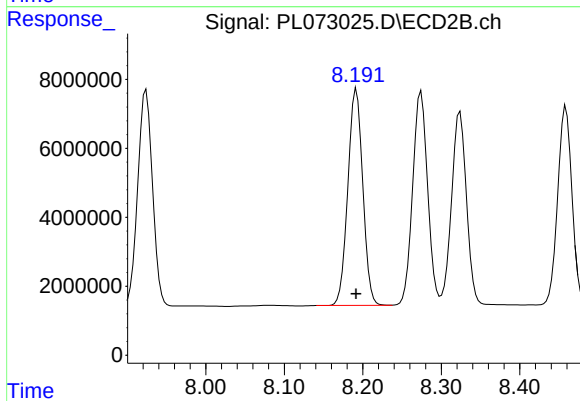
#9 Endosulfan I

R.T.: 8.324 min  
Delta R.T.: 0.000 min  
Response: 74063951  
Conc: 45.72 ng/ml



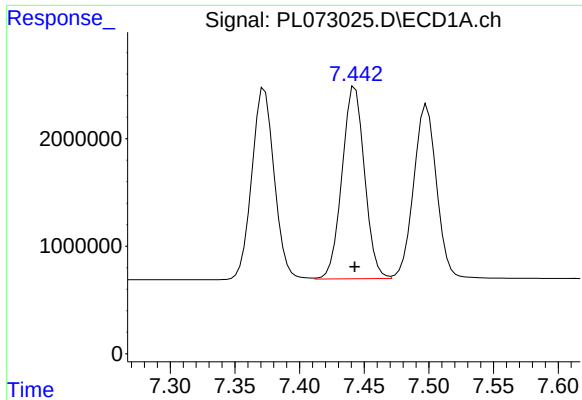
#10 gamma-Chlordane

R.T.: 7.373 min  
Delta R.T.: 0.000 min  
Response: 21449369  
Conc: 45.17 ng/ml



#10 gamma-Chlordane

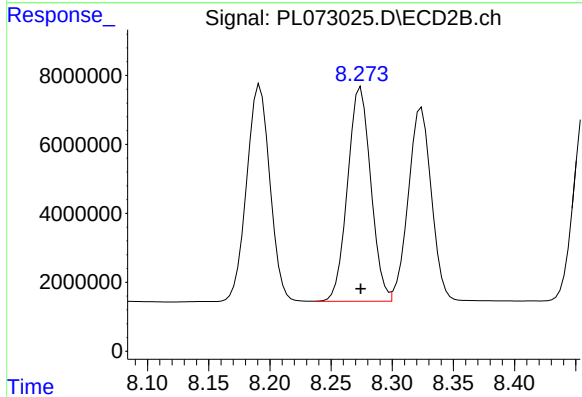
R.T.: 8.192 min  
Delta R.T.: 0.000 min  
Response: 83102228  
Conc: 46.54 ng/ml



#11 alpha-Chlordane

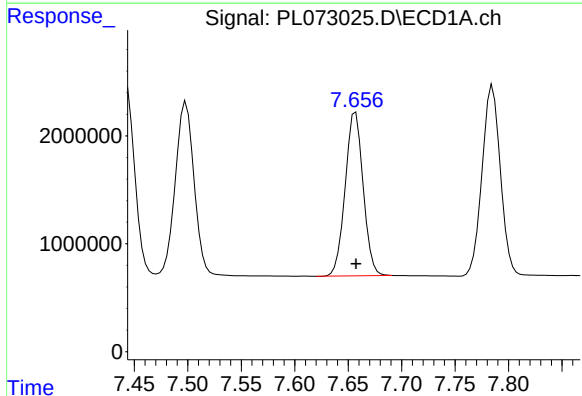
R.T.: 7.443 min  
Delta R.T.: 0.000 min  
Response: 21609556  
Conc: 45.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



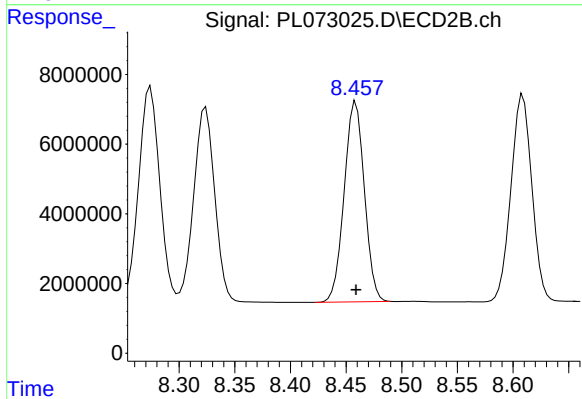
#11 alpha-Chlordane

R.T.: 8.274 min  
Delta R.T.: 0.000 min  
Response: 82063823  
Conc: 46.61 ng/ml



#12 4,4'-DDE

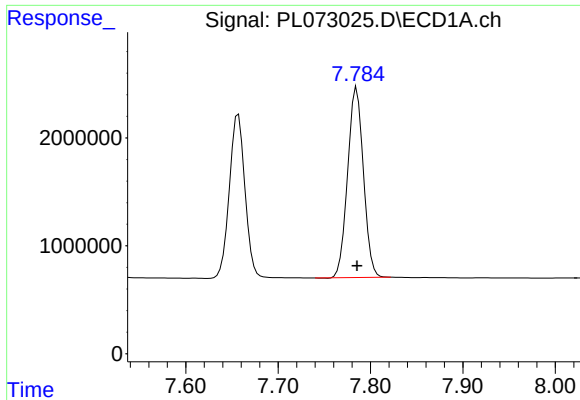
R.T.: 7.657 min  
Delta R.T.: 0.000 min  
Response: 17739713  
Conc: 45.64 ng/ml



#12 4,4'-DDE

R.T.: 8.459 min  
Delta R.T.: 0.000 min  
Response: 72691012  
Conc: 46.49 ng/ml

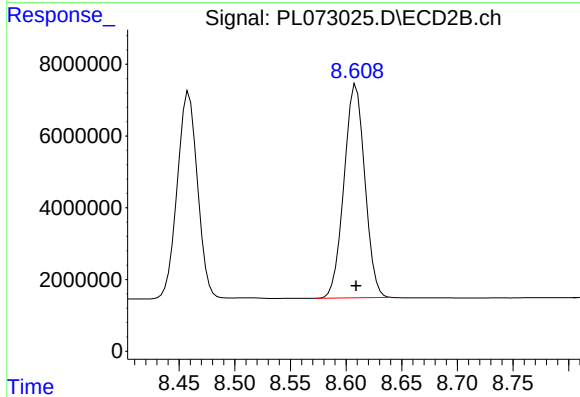




#13 Dieldrin

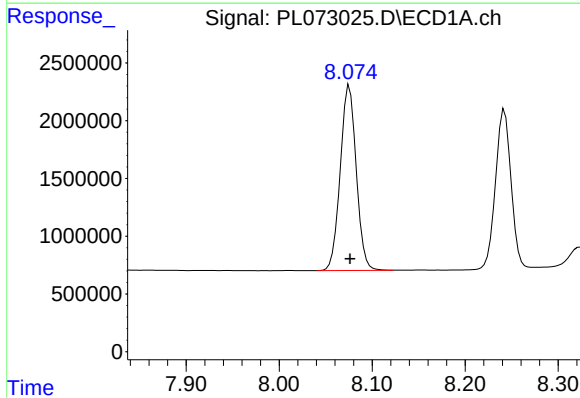
R.T.: 7.785 min  
Delta R.T.: 0.000 min  
Response: 20938191  
Conc: 46.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



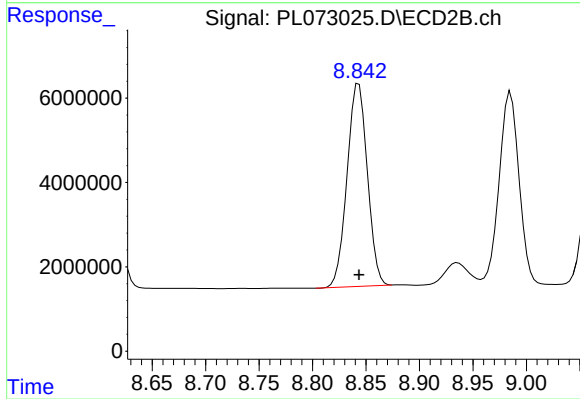
#13 Dieldrin

R.T.: 8.609 min  
Delta R.T.: 0.000 min  
Response: 77492319  
Conc: 47.98 ng/ml



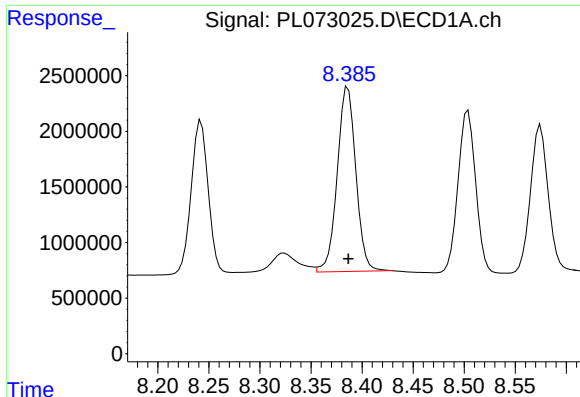
#14 Endrin

R.T.: 8.076 min  
Delta R.T.: 0.000 min  
Response: 19149305  
Conc: 48.23 ng/ml



#14 Endrin

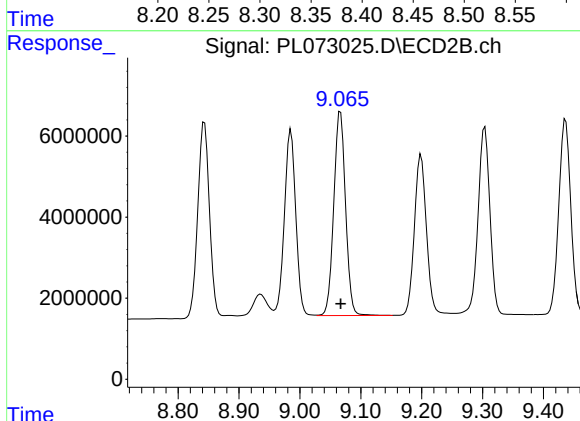
R.T.: 8.843 min  
Delta R.T.: 0.000 min  
Response: 63670769  
Conc: 48.10 ng/ml



#15 Endosulfan II

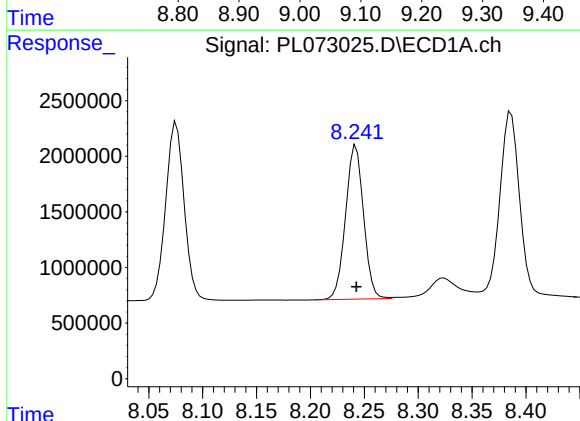
R.T.: 8.386 min  
Delta R.T.: 0.000 min  
Response: 21101538  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



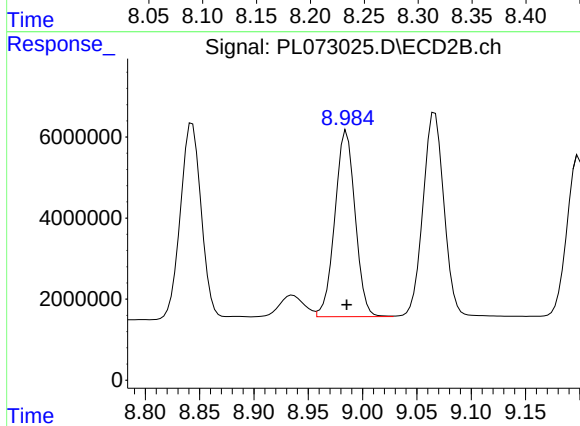
#15 Endosulfan II

R.T.: 9.067 min  
Delta R.T.: 0.000 min  
Response: 67732145  
Conc: 48.94 ng/ml



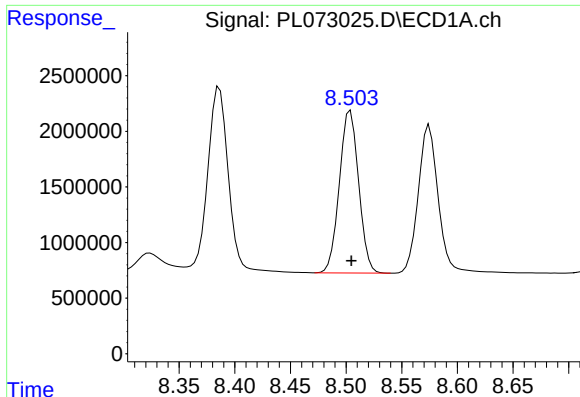
#16 4,4'-DDD

R.T.: 8.242 min  
Delta R.T.: 0.000 min  
Response: 16077052  
Conc: 46.16 ng/ml



#16 4,4'-DDD

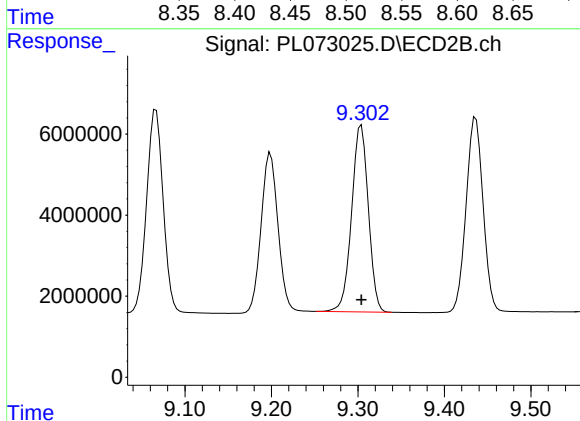
R.T.: 8.985 min  
Delta R.T.: 0.000 min  
Response: 59576571  
Conc: 44.80 ng/ml



#17 4,4'-DDT

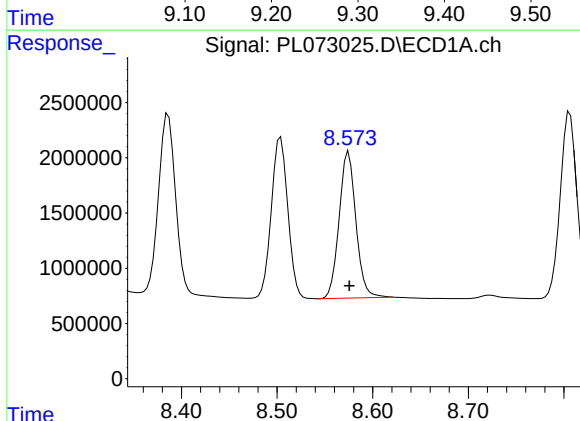
R.T.: 8.504 min  
Delta R.T.: 0.000 min  
Response: 17605057  
Conc: 46.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



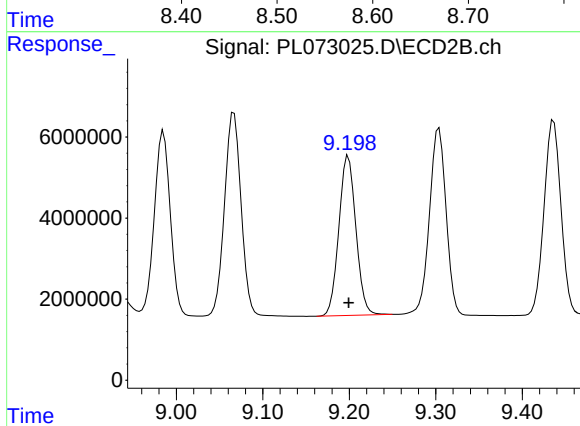
#17 4,4'-DDT

R.T.: 9.304 min  
Delta R.T.: 0.000 min  
Response: 61844142  
Conc: 45.09 ng/ml



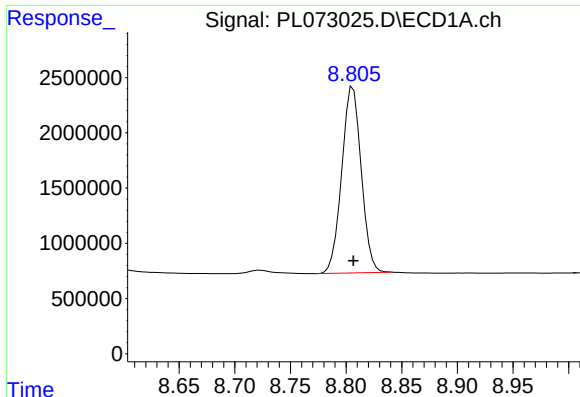
#18 Endrin aldehyde

R.T.: 8.575 min  
Delta R.T.: -0.001 min  
Response: 16205988  
Conc: 50.48 ng/ml



#18 Endrin aldehyde

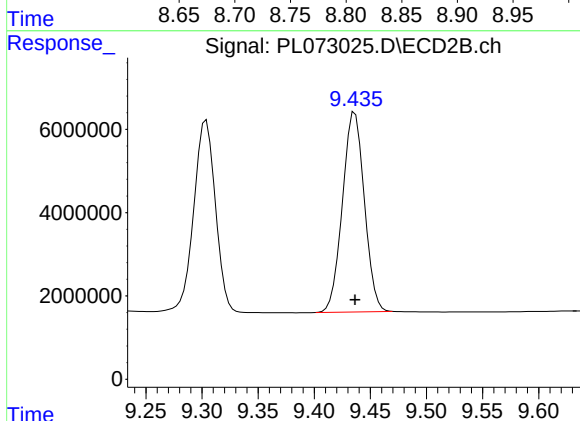
R.T.: 9.199 min  
Delta R.T.: 0.000 min  
Response: 53678397  
Conc: 49.33 ng/ml



#19 Endosulfan Sulfate

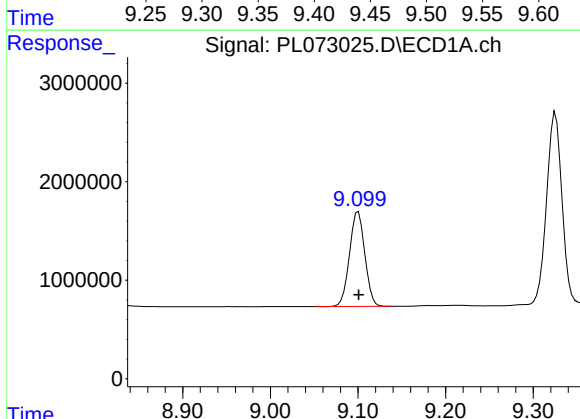
R.T.: 8.806 min  
Delta R.T.: 0.000 min  
Response: 20553089  
Conc: 46.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



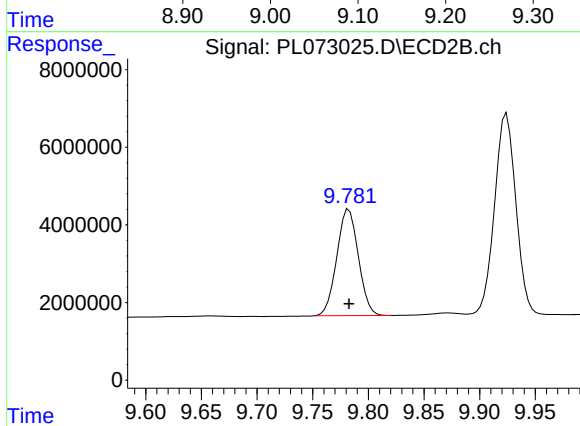
#19 Endosulfan Sulfate

R.T.: 9.436 min  
Delta R.T.: 0.000 min  
Response: 65273577  
Conc: 46.04 ng/ml



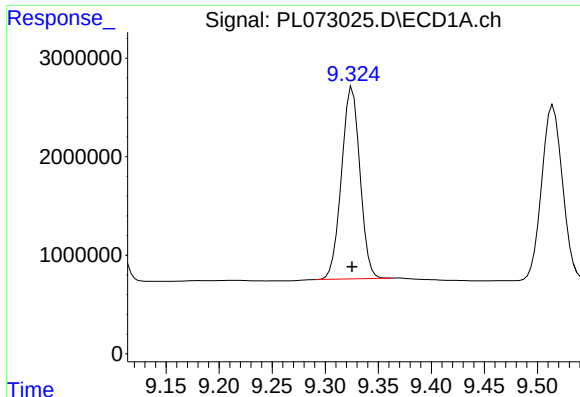
#20 Methoxychlor

R.T.: 9.100 min  
Delta R.T.: 0.000 min  
Response: 11703771  
Conc: 46.86 ng/ml



#20 Methoxychlor

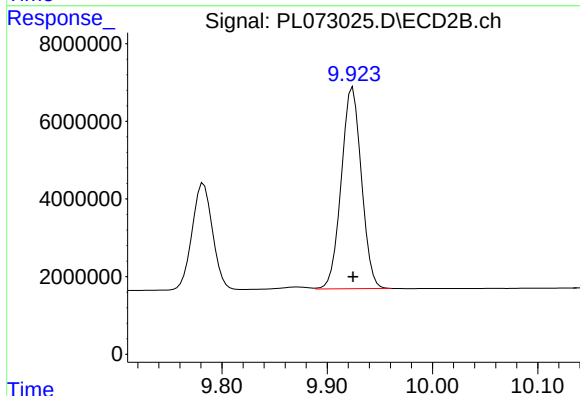
R.T.: 9.783 min  
Delta R.T.: 0.000 min  
Response: 36970309  
Conc: 47.22 ng/ml



#21 Endrin ketone

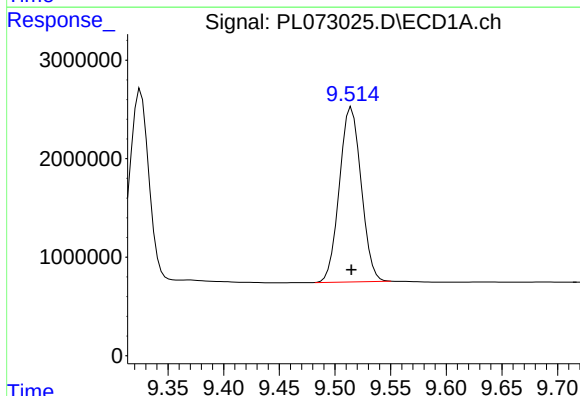
R.T.: 9.326 min  
Delta R.T.: 0.000 min  
Response: 23512589  
Conc: 47.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



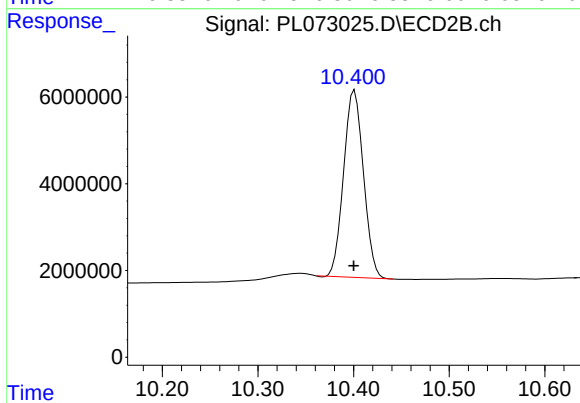
#21 Endrin ketone

R.T.: 9.924 min  
Delta R.T.: 0.000 min  
Response: 69218774  
Conc: 47.21 ng/ml



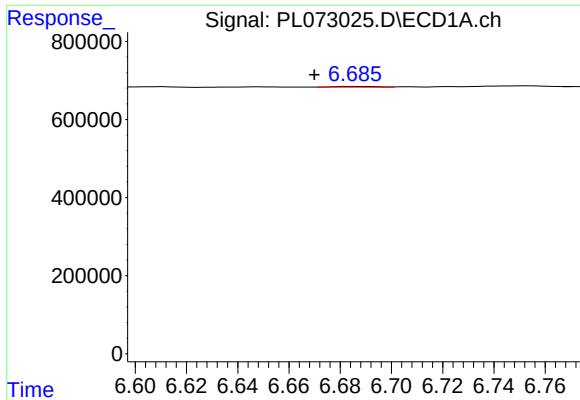
#22 Mirex

R.T.: 9.515 min  
Delta R.T.: 0.000 min  
Response: 24184753  
Conc: 42.86 ng/ml



#22 Mirex

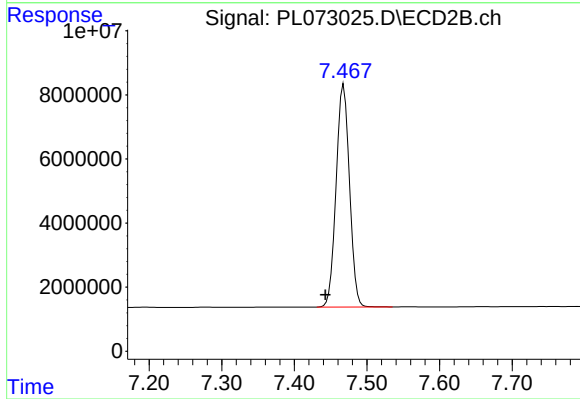
R.T.: 10.401 min  
Delta R.T.: 0.000 min  
Response: 62349019  
Conc: 42.46 ng/ml



#24 Chlordane-2

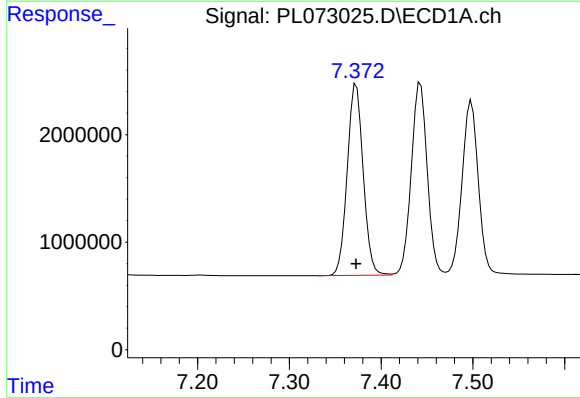
R.T.: 6.686 min  
Delta R.T.: 0.016 min  
Response: 22533  
Conc: 1.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



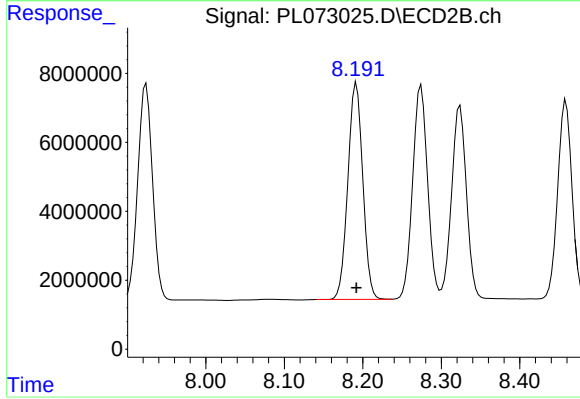
#24 Chlordane-2

R.T.: 7.468 min  
Delta R.T.: 0.025 min  
Response: 88804325  
Conc: 1195.91 ng/ml



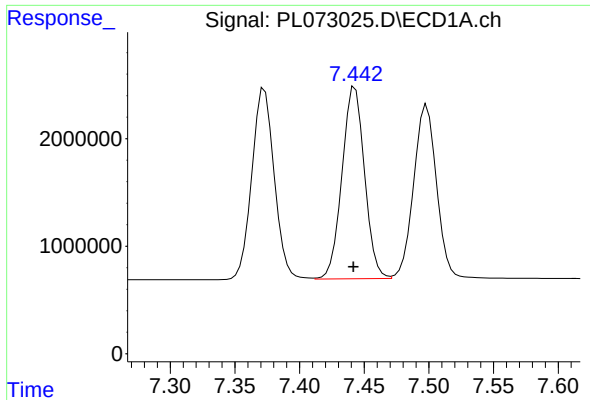
#25 Chlordane-3

R.T.: 7.373 min  
Delta R.T.: 0.000 min  
Response: 21449369  
Conc: 433.71 ng/ml



#25 Chlordane-3

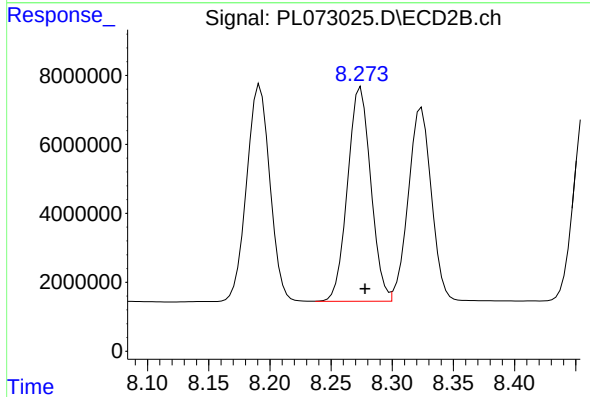
R.T.: 8.192 min  
Delta R.T.: 0.000 min  
Response: 83102228  
Conc: 310.01 ng/ml



#26 Chlordane-4

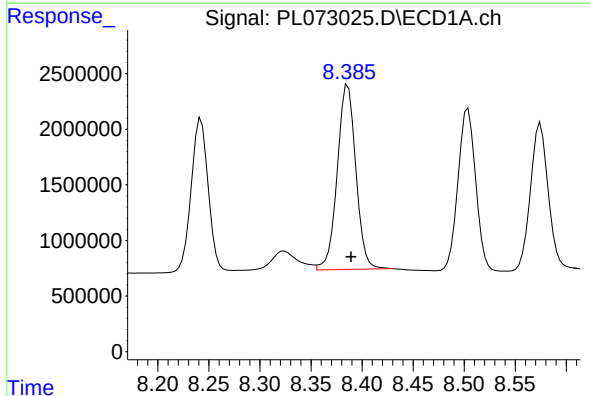
R.T.: 7.443 min  
Delta R.T.: 0.001 min  
Response: 21609556  
Conc: 408.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



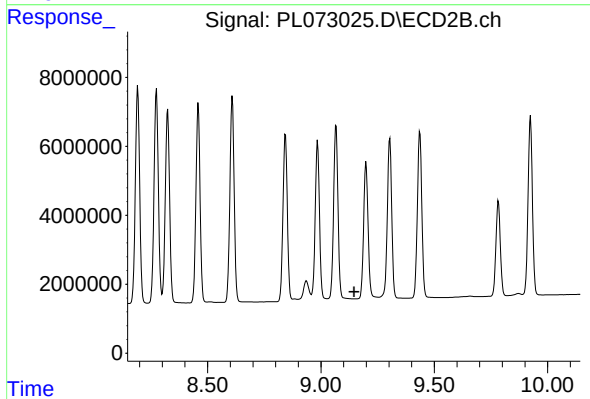
#26 Chlordane-4

R.T.: 8.274 min  
Delta R.T.: -0.004 min  
Response: 82063823  
Conc: 250.23 ng/ml



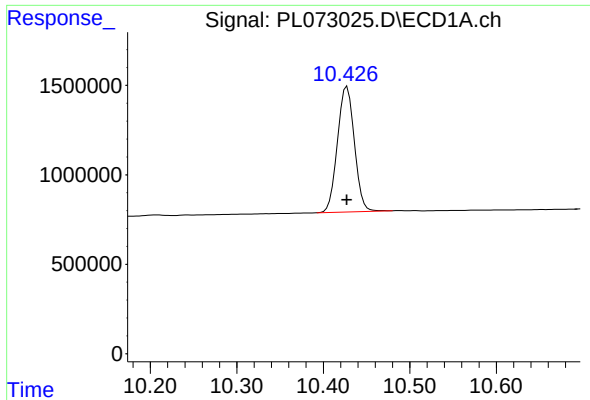
#27 Chlordane-5

R.T.: 8.386 min  
Delta R.T.: -0.003 min  
Response: 21101538  
Conc: 1048.62 ng/ml



#27 Chlordane-5

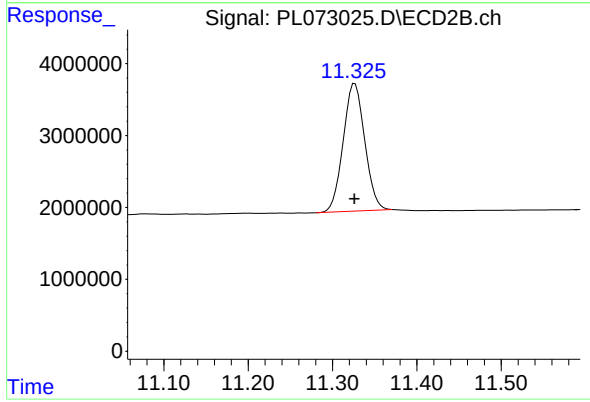
R.T.: 0.000 min  
Exp R.T. : 9.147 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.428 min  
Delta R.T.: 0.000 min  
Response: 9507456  
Conc: 20.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.327 min  
Delta R.T.: 0.000 min  
Response: 31576999  
Conc: 20.02 ng/ml