

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060520\  
 Data File : PL059159.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jun 2020 17:32  
 Operator : AJ\MA  
 Sample : L2814-13MS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 05 18:11:05 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 04 08:16:22 2020  
 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... | 3.521 | 4.072  | 34221136 | 55137443 | 19.817   | 21.191     |
| 28)                         | SA Decachlor... | 8.294 | 9.181  | 27308288 | 38474165 | 16.607   | 16.230     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.962 | 4.465  | 133.3E6  | 197.3E6  | 53.237   | 51.332     |
| 3)                          | MA gamma-BHC... | 4.247 | 4.753  | 119.1E6  | 187.5E6  | 54.314   | 51.393     |
| 4)                          | MA Heptachlor   | 4.554 | 5.267  | 113.9E6  | 178.5E6  | 54.742   | 51.768     |
| 5)                          | MB Aldrin       | 4.803 | 5.575  | 96806587 | 162.8E6  | 54.354   | 51.717     |
| 6)                          | B beta-BHC      | 4.497 | 4.921  | 49315351 | 79493797 | 51.900   | 52.568     |
| 7)                          | B delta-BHC     | 4.703 | 5.140  | 63363330 | 93108057 | 31.839   | 33.192     |
| 8)                          | B Heptachlo...  | 5.248 | 5.962  | 89627207 | 147.0E6  | 52.470   | 53.061     |
| 9)                          | A Endosulfan I  | 5.588 | 6.321  | 81011087 | 140.5E6  | 51.790   | 50.210     |
| 10)                         | B gamma-Chl...  | 5.476 | 6.196  | 85762321 | 153.3E6  | 51.217   | 51.232     |
| 11)                         | B alpha-Chl...  | 5.534 | 6.270  | 85104015 | 152.0E6  | 51.014   | 50.020     |
| 12)                         | B 4,4'-DDE      | 5.698 | 6.425  | 79621993 | 140.8E6  | 52.359   | 50.577     |
| 13)                         | MA Dieldrin     | 5.832 | 6.579  | 84270370 | 147.4E6  | 51.705   | 50.473     |
| 14)                         | MA Endrin       | 6.090 | 6.798  | 80434426 | 124.9E6  | 53.087   | 50.138     |
| 15)                         | B Endosulfa...  | 6.362 | 7.006  | 82870284 | 136.3E6  | 53.617   | 52.339     |
| 16)                         | A 4,4'-DDD      | 6.214 | 6.916  | 73302591 | 119.4E6  | 55.449   | 51.438     |
| 17)                         | MA 4,4'-DDT     | 6.456 | 7.216  | 70607599 | 113.2E6  | 55.974   | 49.702     |
| 18)                         | B Endrin al...  | 6.531 | 7.130  | 68151542 | 112.6E6  | 51.759   | 49.237     |
| 19)                         | B Endosulfa...  | 6.743 | 7.354  | 70591814 | 111.3E6  | 47.385   | 44.402     |
| 20)                         | A Methoxychlor  | 7.002 | 7.673  | 40604262 | 63621514 | 52.861   | 48.248     |
| 21)                         | B Endrin ke...  | 7.236 | 7.827  | 90016176 | 132.6E6  | 51.841   | 50.547     |
| 22)                         | Mirex           | 7.429 | 8.284  | 61353562 | 84970231 | 44.454   | 43.073     |
| 23)                         | Chlordane-1     | 4.409 | 0.000  | 630478   | 0        | 12.534   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.575f | 0        | 162.8E6  | N.D.     | 1705.934 # |
| 25)                         | Chlordane-3     | 5.476 | 6.196  | 85762321 | 153.3E6  | 580.385  | 408.788 #  |
| 26)                         | Chlordane-4     | 5.534 | 6.270  | 85104015 | 152.0E6  | 709.424  | 334.085 #  |
| 27)                         | Chlordane-5     | 6.362 | 0.000  | 82870284 | 0        | 1665.293 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

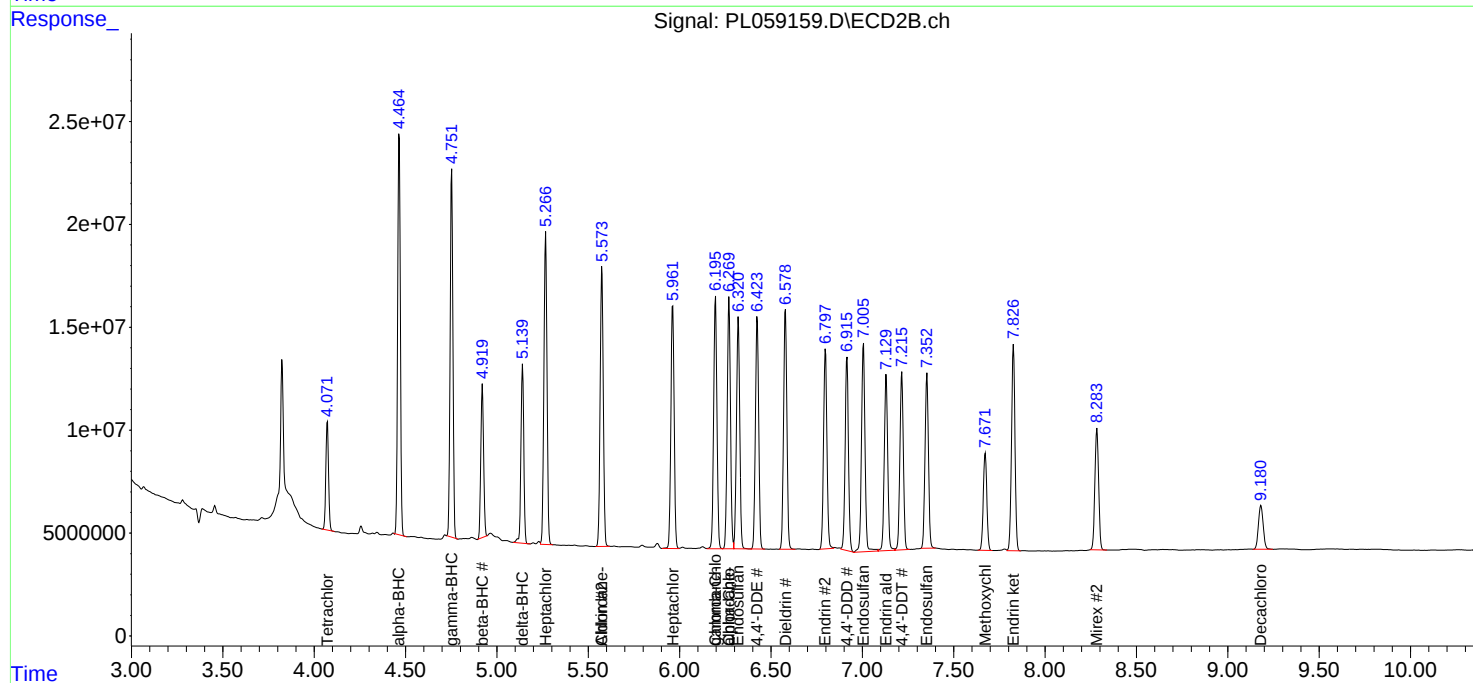
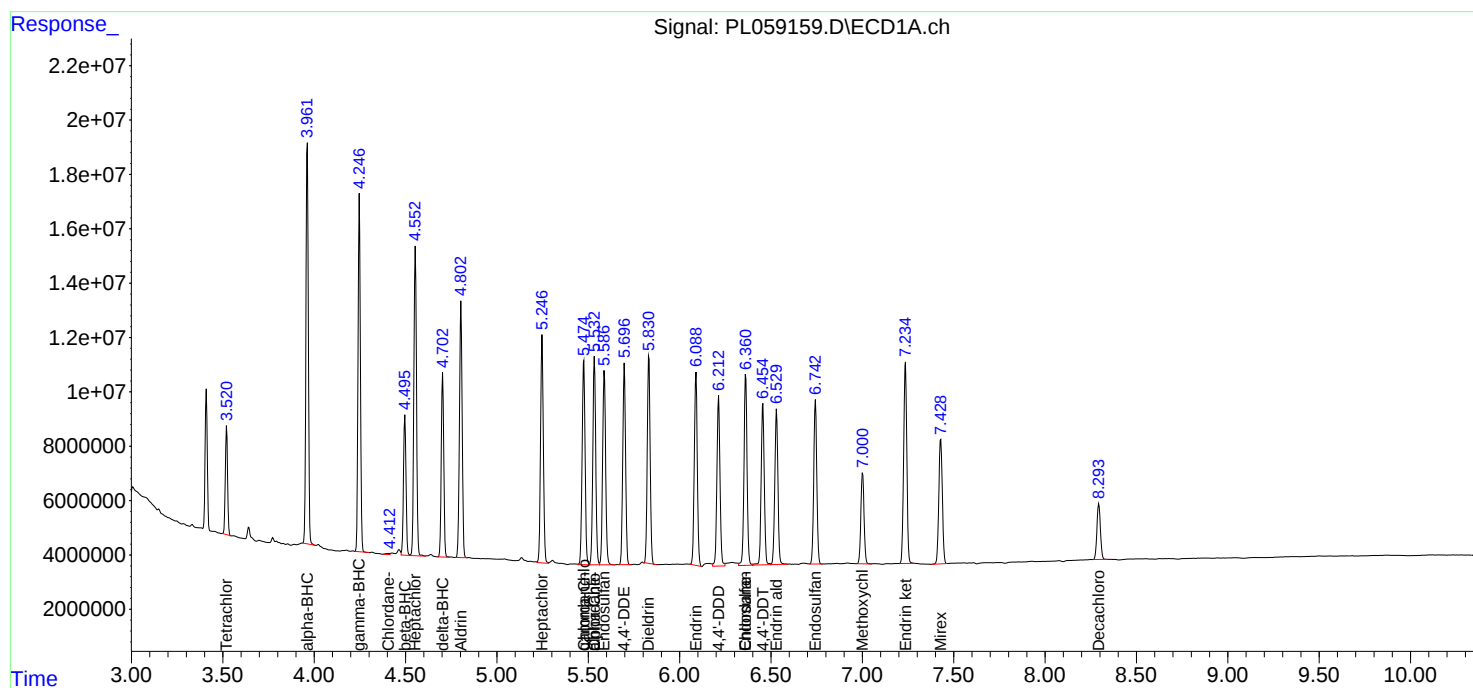
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

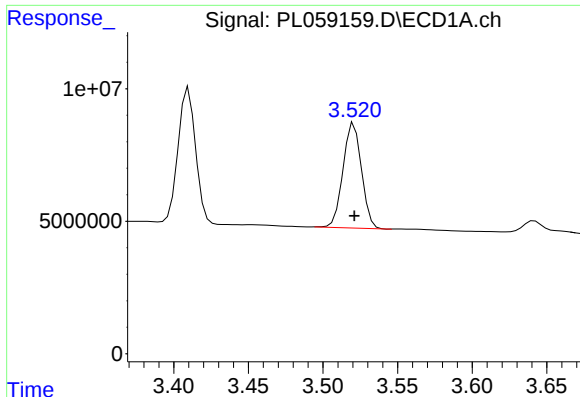
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060520\  
Data File : PL059159.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jun 2020 17:32  
Operator : AJ\MA  
Sample : L2814-13MS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 05 18:11:05 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 04 08:16:22 2020  
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

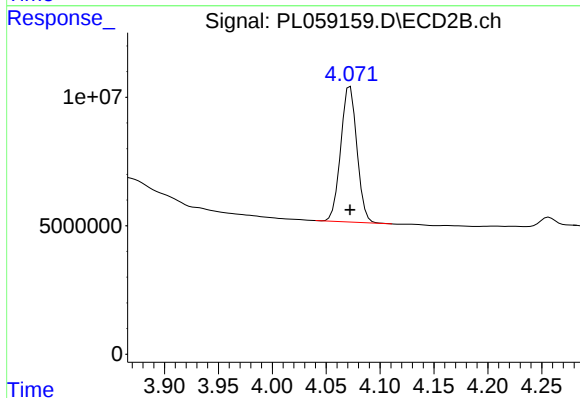




#1 Tetrachloro-m-xylene

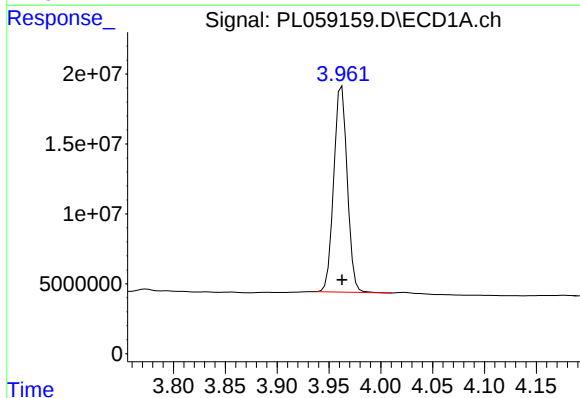
R.T.: 3.521 min  
Delta R.T.: 0.000 min  
Response: 34221136  
Conc: 19.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



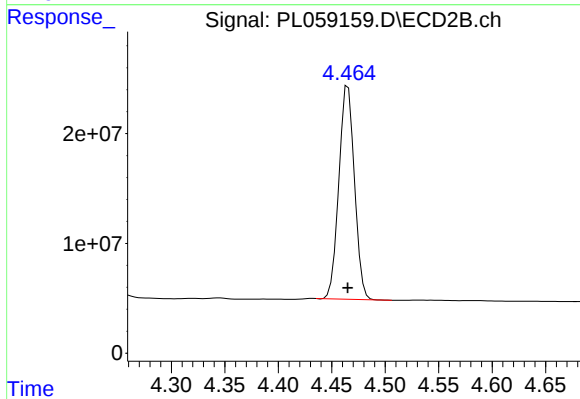
#1 Tetrachloro-m-xylene

R.T.: 4.072 min  
Delta R.T.: 0.000 min  
Response: 55137443  
Conc: 21.19 ng/ml



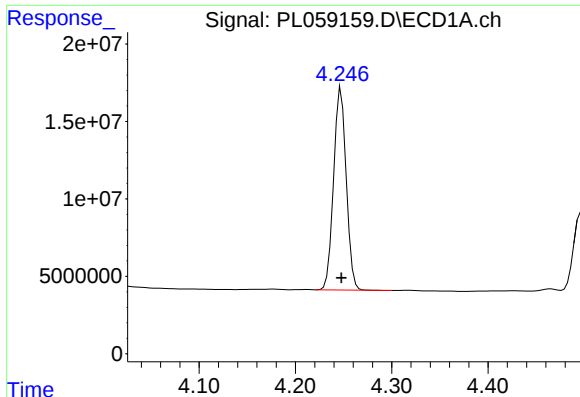
#2 alpha-BHC

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 133271316  
Conc: 53.24 ng/ml



#2 alpha-BHC

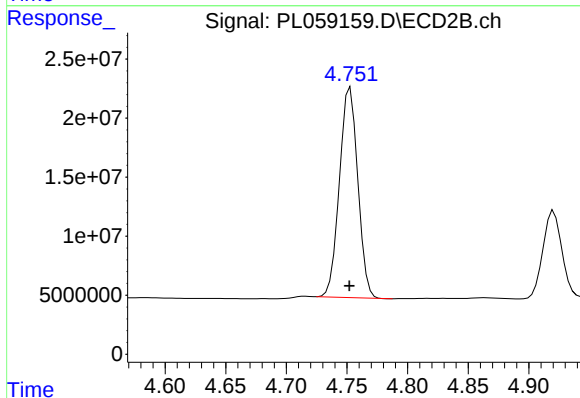
R.T.: 4.465 min  
Delta R.T.: 0.000 min  
Response: 197298309  
Conc: 51.33 ng/ml



#3 gamma-BHC (Lindane)

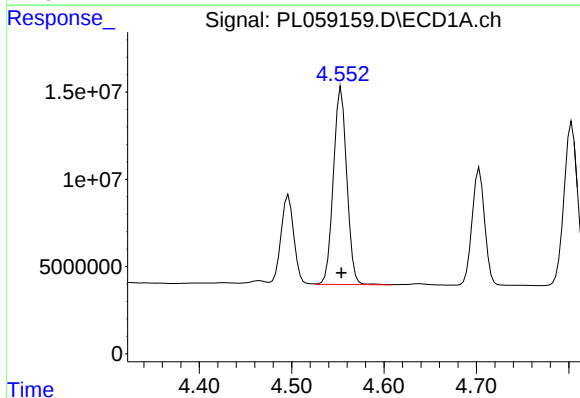
R.T.: 4.247 min  
Delta R.T.: 0.000 min  
Response: 119114697  
Conc: 54.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



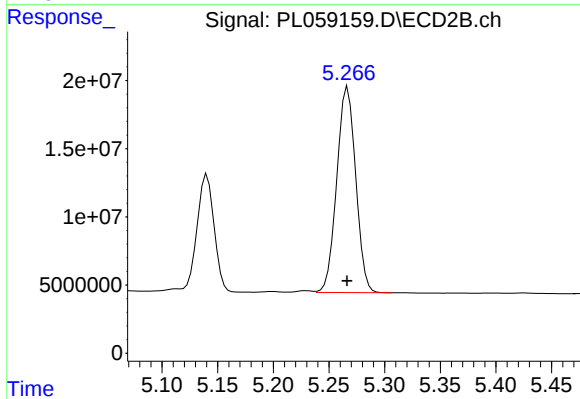
#3 gamma-BHC (Lindane)

R.T.: 4.753 min  
Delta R.T.: 0.000 min  
Response: 187542163  
Conc: 51.39 ng/ml



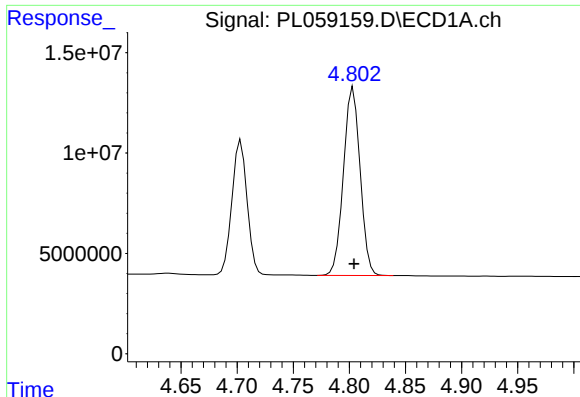
#4 Heptachlor

R.T.: 4.554 min  
Delta R.T.: 0.000 min  
Response: 113900473  
Conc: 54.74 ng/ml



#4 Heptachlor

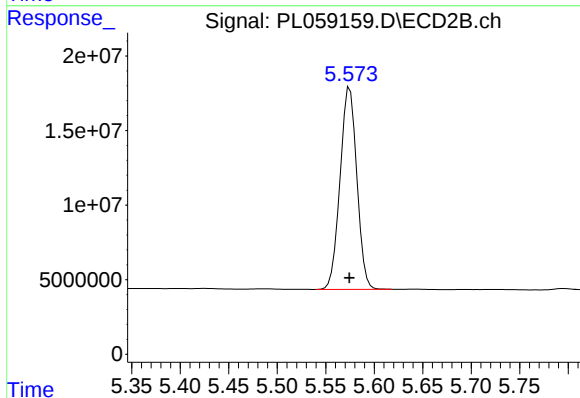
R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 178478630  
Conc: 51.77 ng/ml



#5 Aldrin

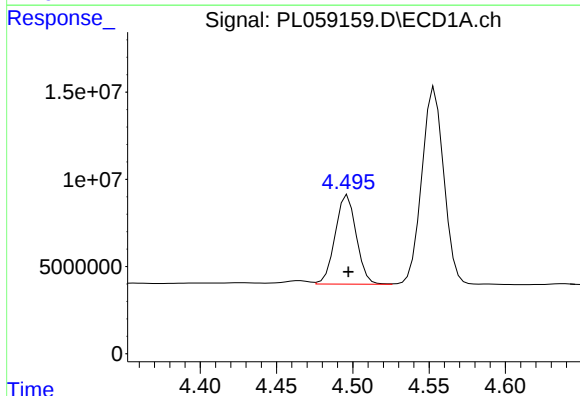
R.T.: 4.803 min  
Delta R.T.: 0.000 min  
Response: 96806587  
Conc: 54.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



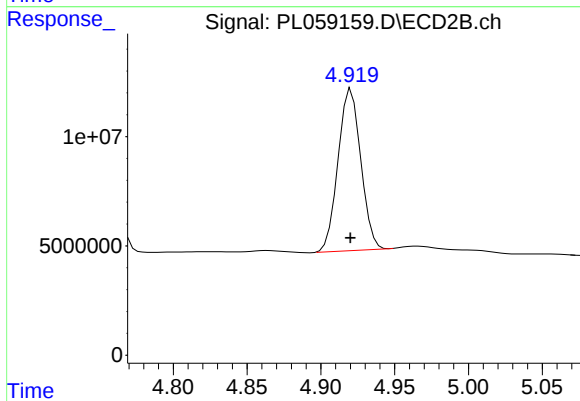
#5 Aldrin

R.T.: 5.575 min  
Delta R.T.: 0.000 min  
Response: 162763068  
Conc: 51.72 ng/ml



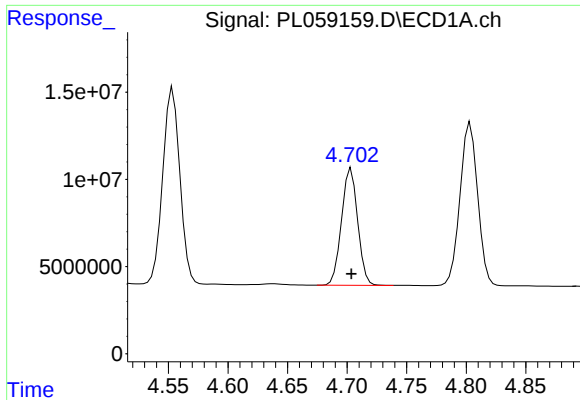
#6 beta-BHC

R.T.: 4.497 min  
Delta R.T.: 0.000 min  
Response: 49315351  
Conc: 51.90 ng/ml



#6 beta-BHC

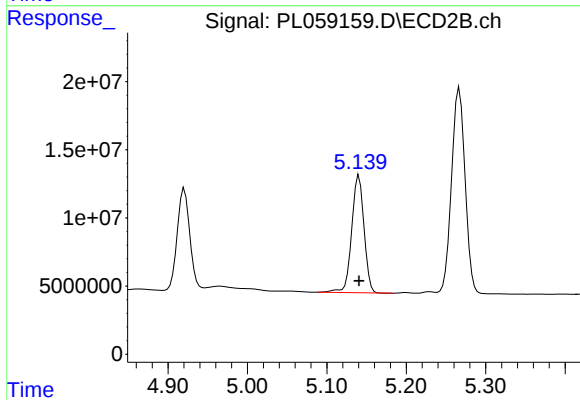
R.T.: 4.921 min  
Delta R.T.: 0.000 min  
Response: 79493797  
Conc: 52.57 ng/ml



#7 delta-BHC

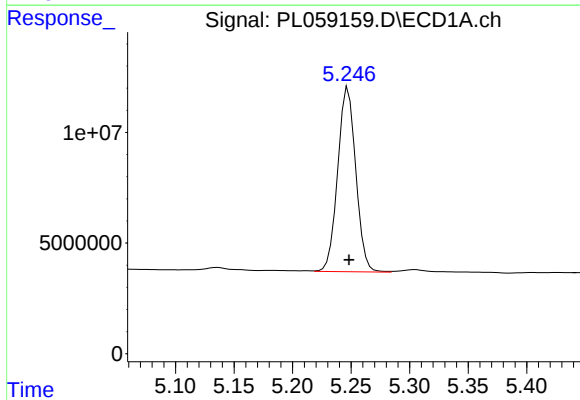
R.T.: 4.703 min  
Delta R.T.: 0.000 min  
Response: 63363330  
Conc: 31.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



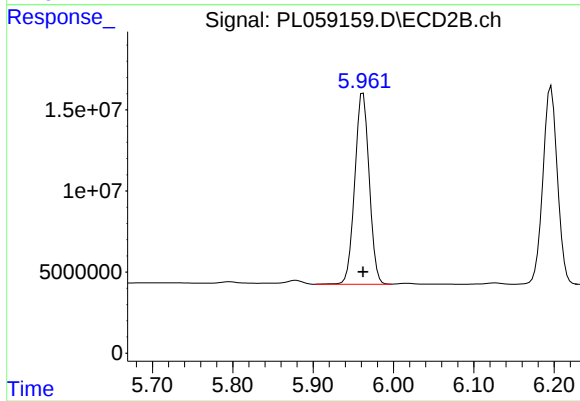
#7 delta-BHC

R.T.: 5.140 min  
Delta R.T.: 0.000 min  
Response: 93108057  
Conc: 33.19 ng/ml



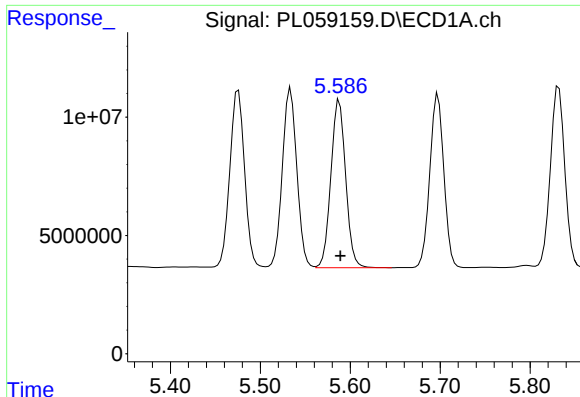
#8 Heptachlor epoxide

R.T.: 5.248 min  
Delta R.T.: 0.000 min  
Response: 89627207  
Conc: 52.47 ng/ml



#8 Heptachlor epoxide

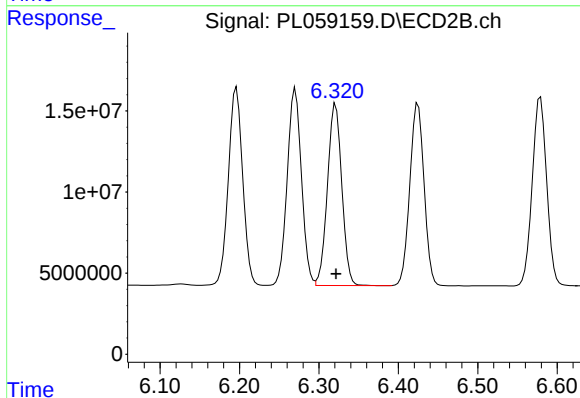
R.T.: 5.962 min  
Delta R.T.: 0.000 min  
Response: 146978713  
Conc: 53.06 ng/ml



#9 Endosulfan I

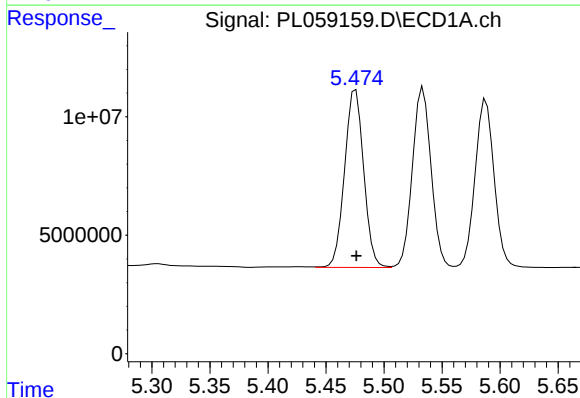
R.T.: 5.588 min  
Delta R.T.: -0.001 min  
Response: 81011087  
Conc: 51.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



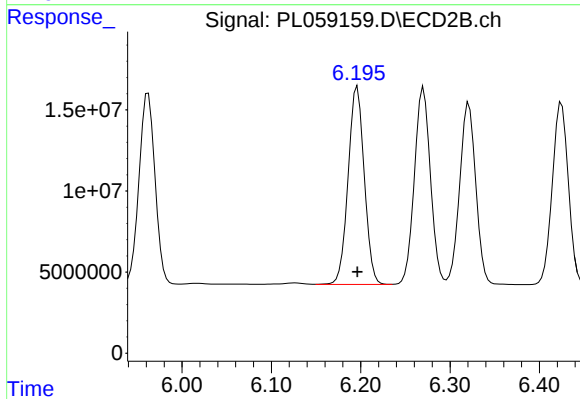
#9 Endosulfan I

R.T.: 6.321 min  
Delta R.T.: 0.000 min  
Response: 140502030  
Conc: 50.21 ng/ml



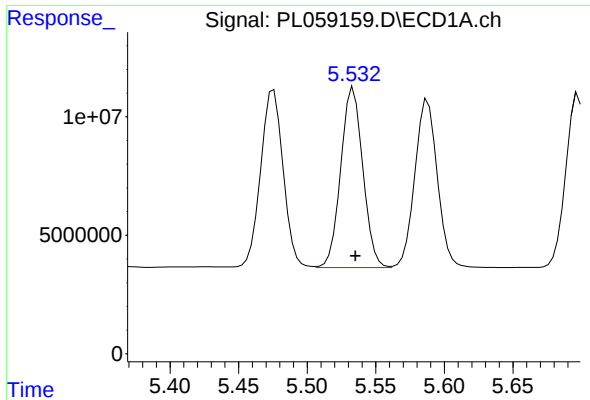
#10 gamma-Chlordane

R.T.: 5.476 min  
Delta R.T.: 0.000 min  
Response: 85762321  
Conc: 51.22 ng/ml



#10 gamma-Chlordane

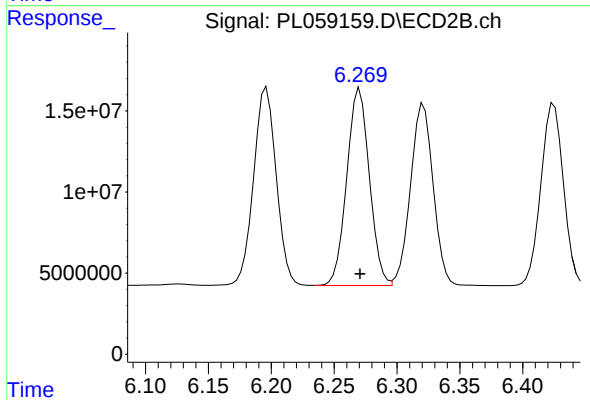
R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 153291421  
Conc: 51.23 ng/ml



#11 alpha-Chlordane

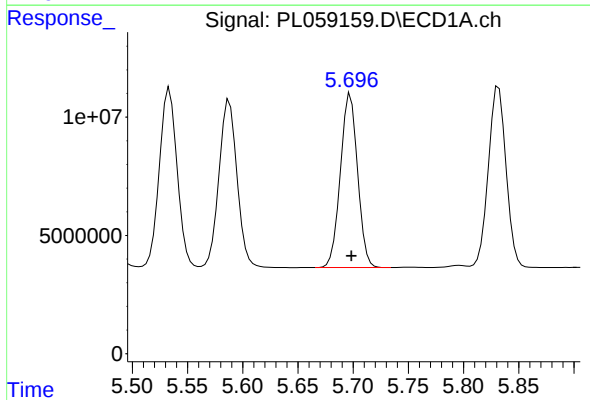
R.T.: 5.534 min  
Delta R.T.: -0.001 min  
Response: 85104015  
Conc: 51.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



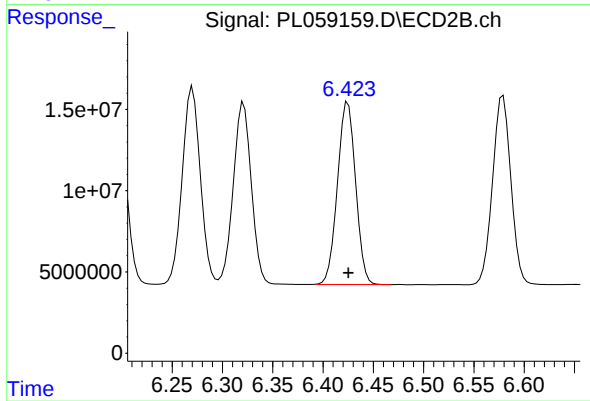
#11 alpha-Chlordane

R.T.: 6.270 min  
Delta R.T.: 0.000 min  
Response: 152024153  
Conc: 50.02 ng/ml



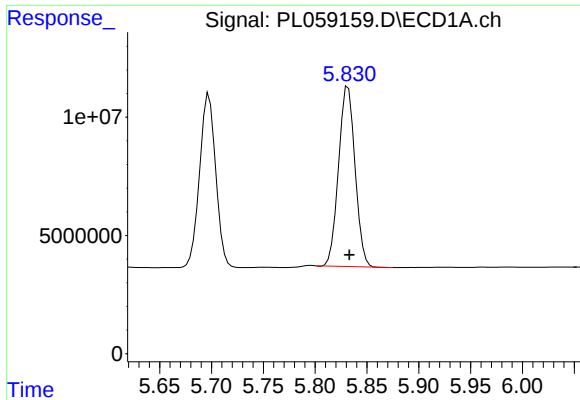
#12 4,4'-DDE

R.T.: 5.698 min  
Delta R.T.: 0.000 min  
Response: 79621993  
Conc: 52.36 ng/ml



#12 4,4'-DDE

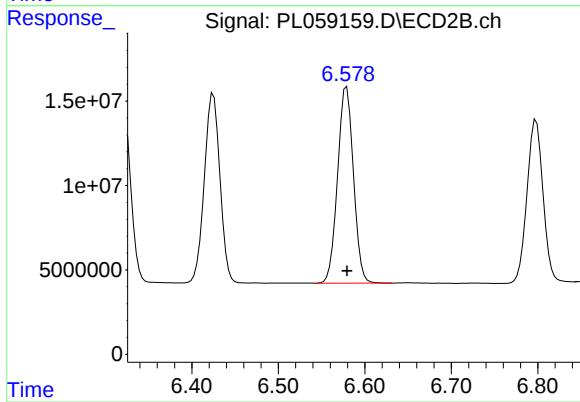
R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 140784113  
Conc: 50.58 ng/ml



#13 Dieldrin

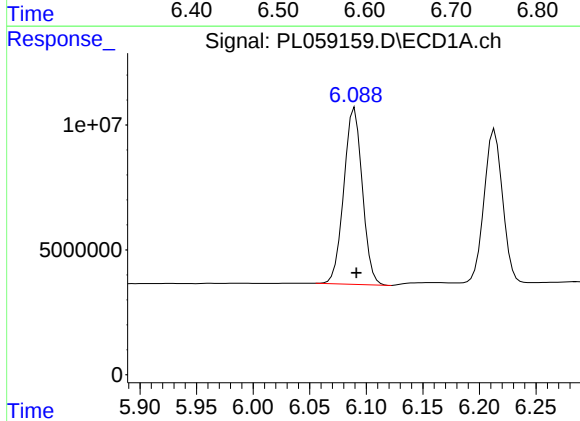
R.T.: 5.832 min  
Delta R.T.: -0.001 min  
Response: 84270370  
Conc: 51.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



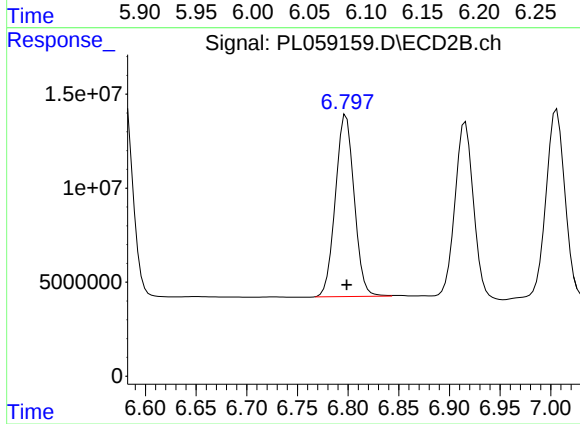
#13 Dieldrin

R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 147356162  
Conc: 50.47 ng/ml



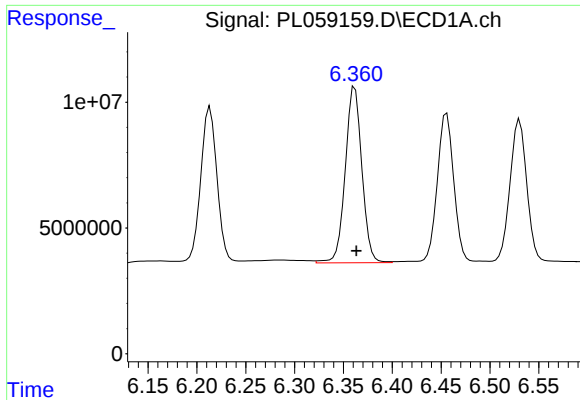
#14 Endrin

R.T.: 6.090 min  
Delta R.T.: -0.001 min  
Response: 80434426  
Conc: 53.09 ng/ml



#14 Endrin

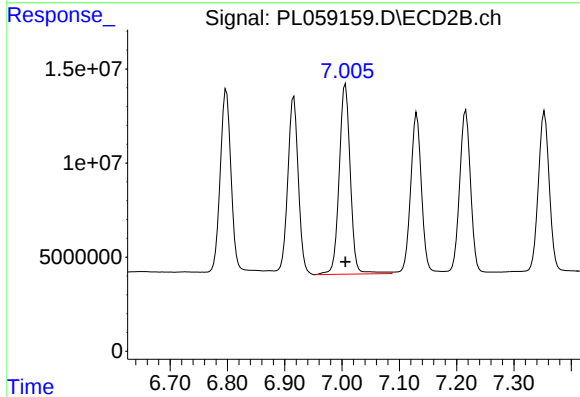
R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 124862419  
Conc: 50.14 ng/ml



#15 Endosulfan II

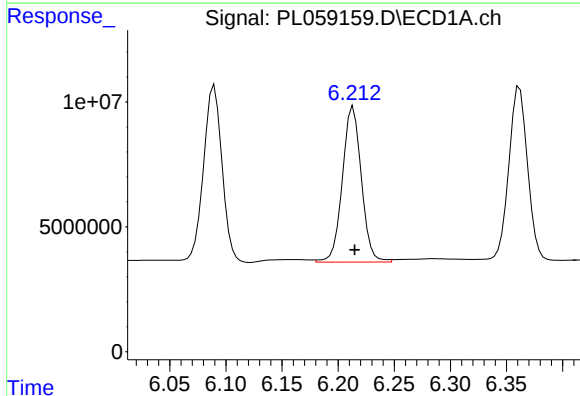
R.T.: 6.362 min  
Delta R.T.: -0.001 min  
Response: 82870284  
Conc: 53.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



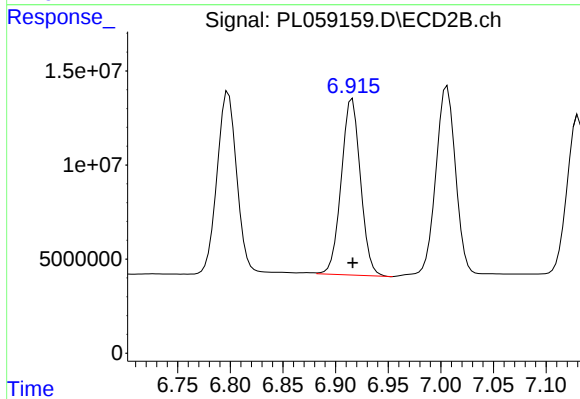
#15 Endosulfan II

R.T.: 7.006 min  
Delta R.T.: 0.000 min  
Response: 136341794  
Conc: 52.34 ng/ml



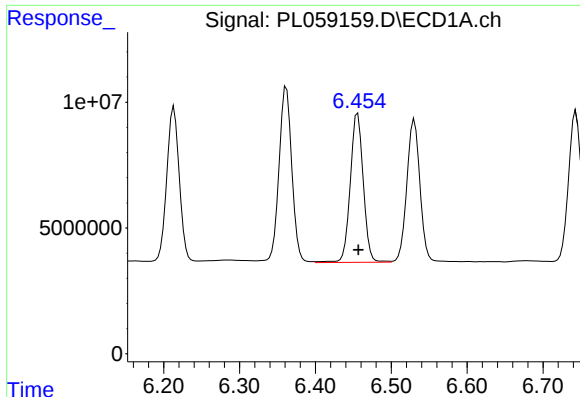
#16 4,4'-DDD

R.T.: 6.214 min  
Delta R.T.: -0.001 min  
Response: 73302591  
Conc: 55.45 ng/ml



#16 4,4'-DDD

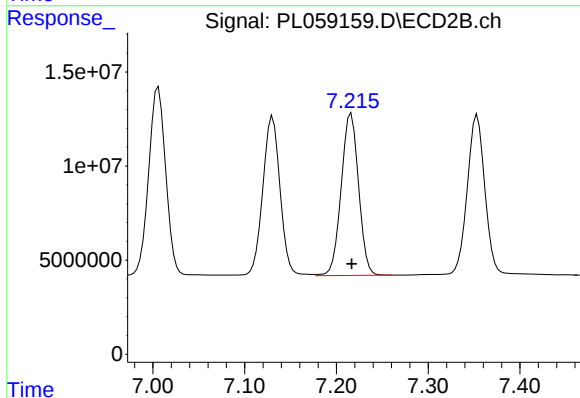
R.T.: 6.916 min  
Delta R.T.: 0.000 min  
Response: 119387048  
Conc: 51.44 ng/ml



#17 4,4'-DDT

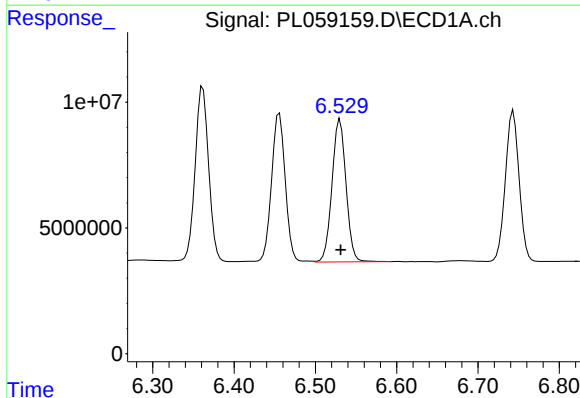
R.T.: 6.456 min  
Delta R.T.: 0.000 min  
Response: 70607599  
Conc: 55.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



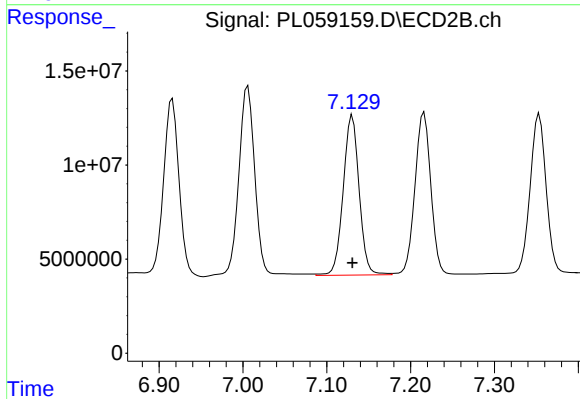
#17 4,4'-DDT

R.T.: 7.216 min  
Delta R.T.: 0.000 min  
Response: 113180780  
Conc: 49.70 ng/ml



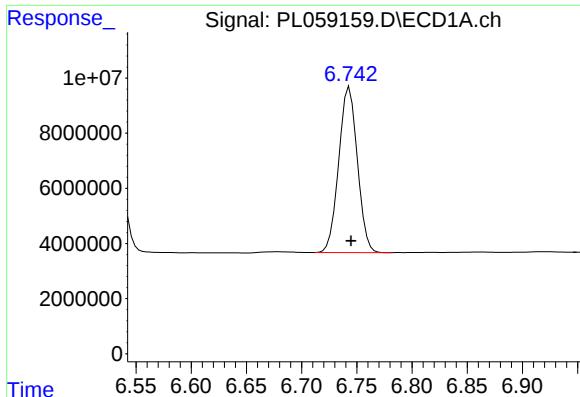
#18 Endrin aldehyde

R.T.: 6.531 min  
Delta R.T.: 0.000 min  
Response: 68151542  
Conc: 51.76 ng/ml



#18 Endrin aldehyde

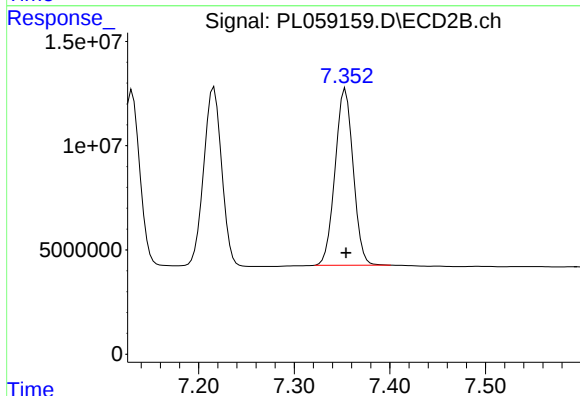
R.T.: 7.130 min  
Delta R.T.: 0.000 min  
Response: 112558713  
Conc: 49.24 ng/ml



#19 Endosulfan Sulfate

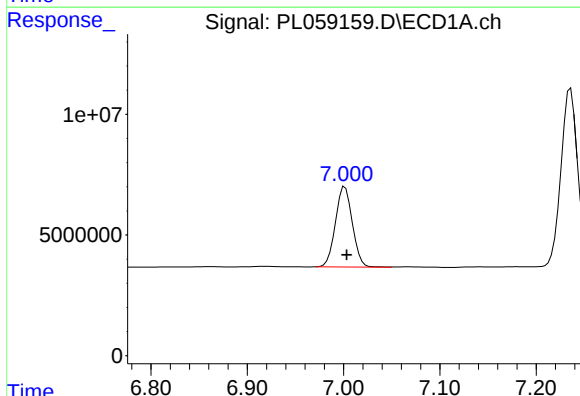
R.T.: 6.743 min  
Delta R.T.: -0.002 min  
Response: 70591814  
Conc: 47.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



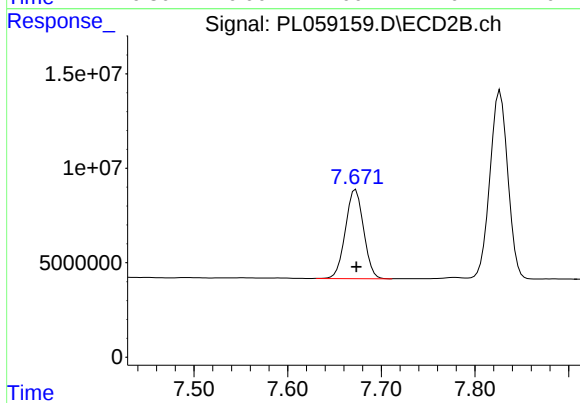
#19 Endosulfan Sulfate

R.T.: 7.354 min  
Delta R.T.: 0.000 min  
Response: 111255641  
Conc: 44.40 ng/ml



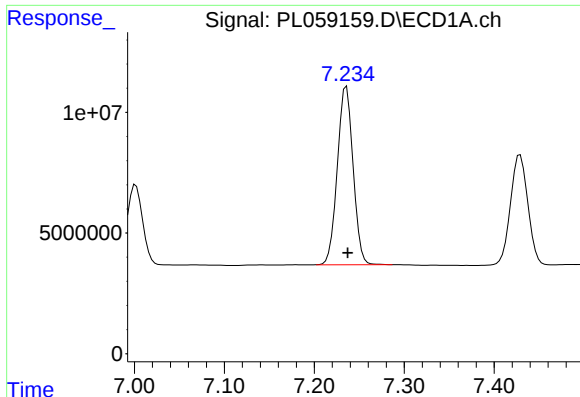
#20 Methoxychlor

R.T.: 7.002 min  
Delta R.T.: -0.002 min  
Response: 40604262  
Conc: 52.86 ng/ml



#20 Methoxychlor

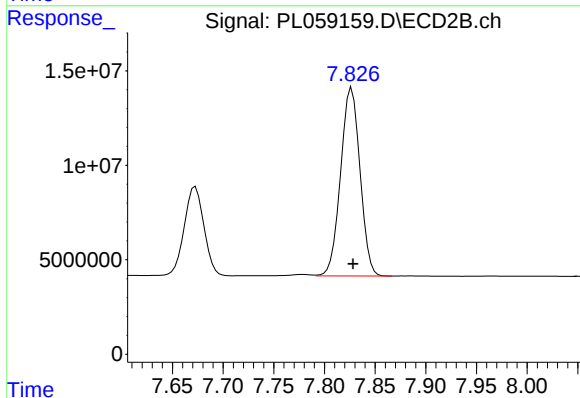
R.T.: 7.673 min  
Delta R.T.: 0.000 min  
Response: 63621514  
Conc: 48.25 ng/ml



#21 Endrin ketone

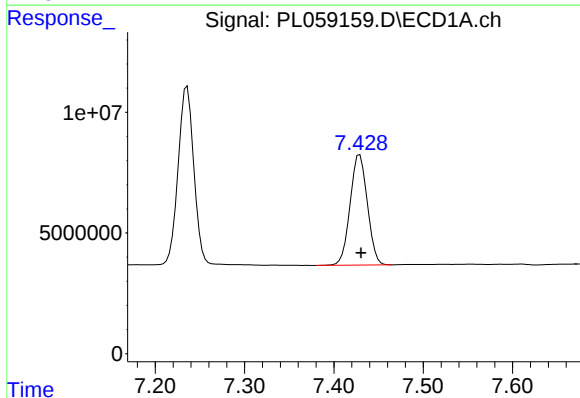
R.T.: 7.236 min  
Delta R.T.: -0.001 min  
Response: 90016176  
Conc: 51.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



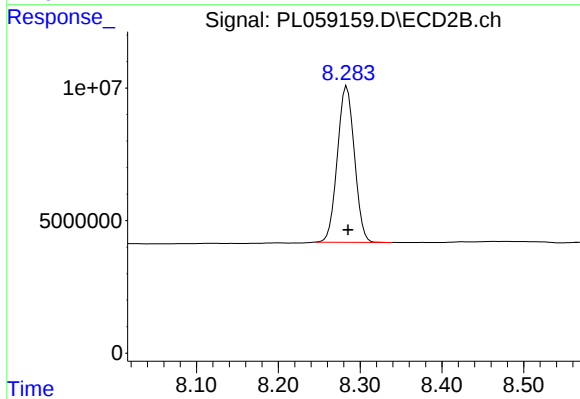
#21 Endrin ketone

R.T.: 7.827 min  
Delta R.T.: -0.001 min  
Response: 132620795  
Conc: 50.55 ng/ml



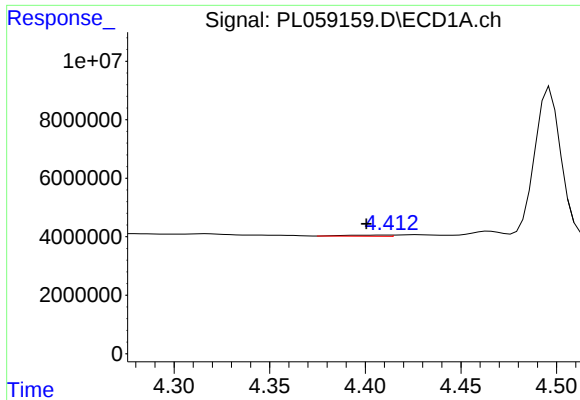
#22 Mirex

R.T.: 7.429 min  
Delta R.T.: -0.001 min  
Response: 61353562  
Conc: 44.45 ng/ml



#22 Mirex

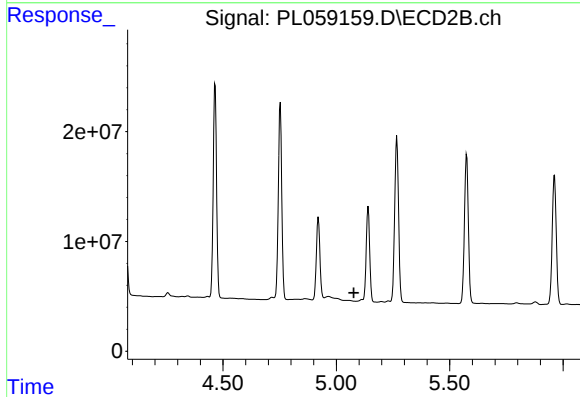
R.T.: 8.284 min  
Delta R.T.: -0.001 min  
Response: 84970231  
Conc: 43.07 ng/ml



#23 Chlordane-1

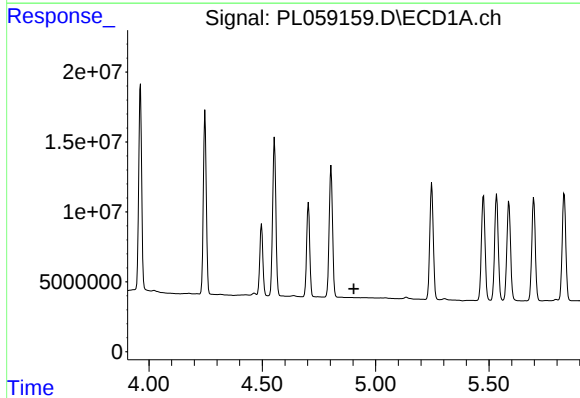
R.T.: 4.409 min  
Delta R.T.: 0.008 min  
Response: 630478  
Conc: 12.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



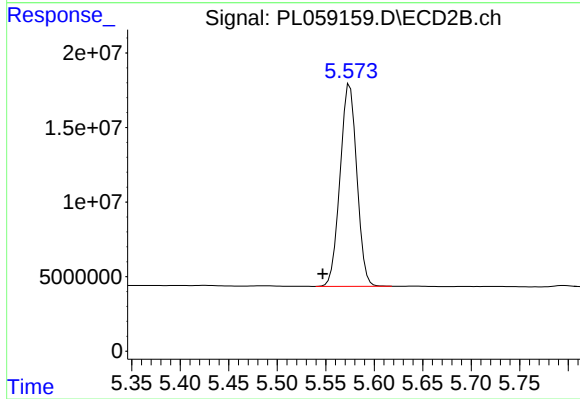
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.077 min  
Response: 0  
Conc: N.D.



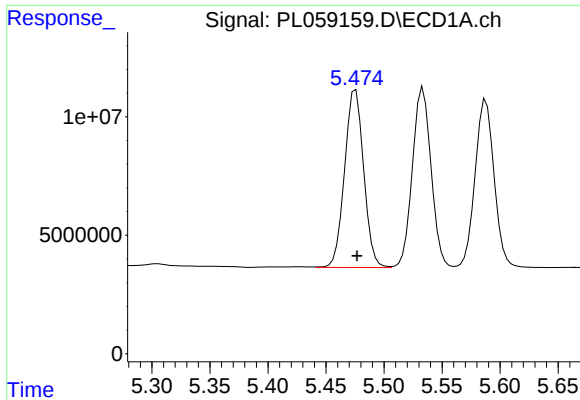
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.904 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

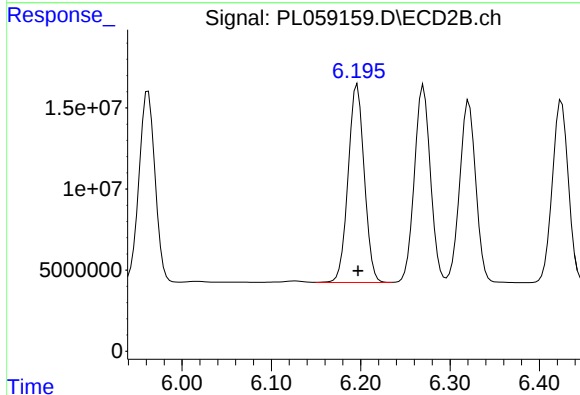
R.T.: 5.575 min  
Delta R.T.: 0.028 min  
Response: 162763068  
Conc: 1705.93 ng/ml



#25 Chlordane-3

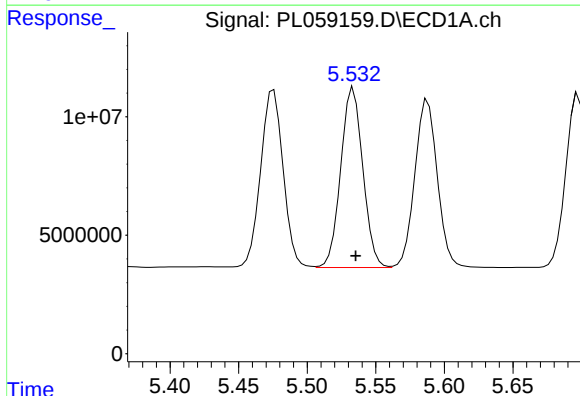
R.T.: 5.476 min  
Delta R.T.: -0.001 min  
Response: 85762321  
Conc: 580.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



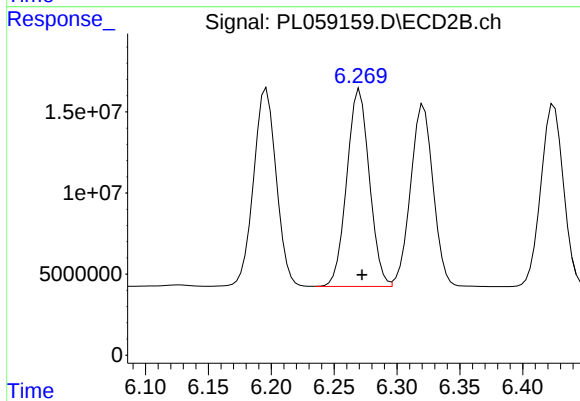
#25 Chlordane-3

R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 153291421  
Conc: 408.79 ng/ml



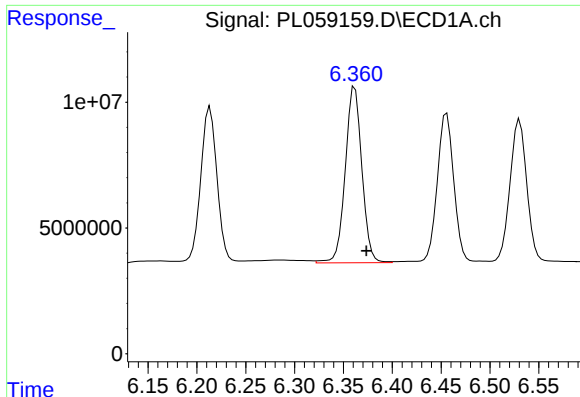
#26 Chlordane-4

R.T.: 5.534 min  
Delta R.T.: -0.002 min  
Response: 85104015  
Conc: 709.42 ng/ml



#26 Chlordane-4

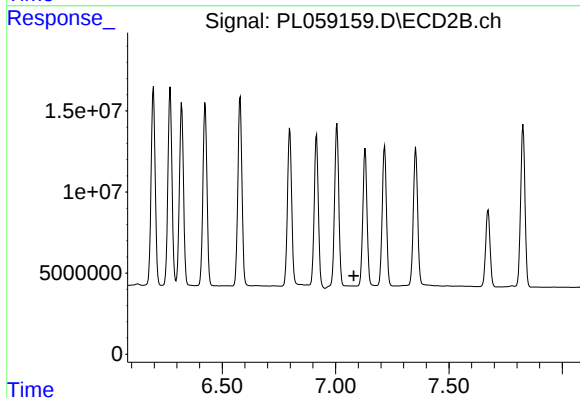
R.T.: 6.270 min  
Delta R.T.: -0.002 min  
Response: 152024153  
Conc: 334.09 ng/ml



#27 Chlordane-5

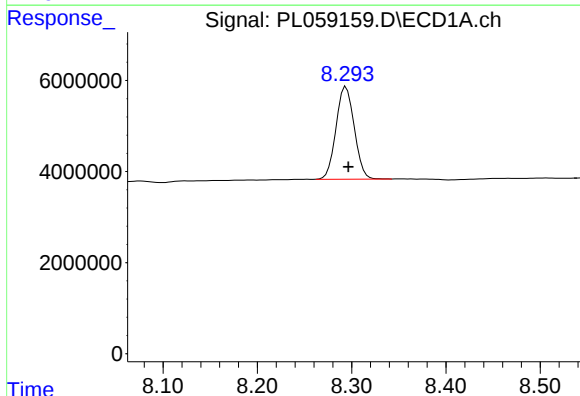
R.T.: 6.362 min  
Delta R.T.: -0.012 min  
Response: 82870284  
Conc: 1665.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



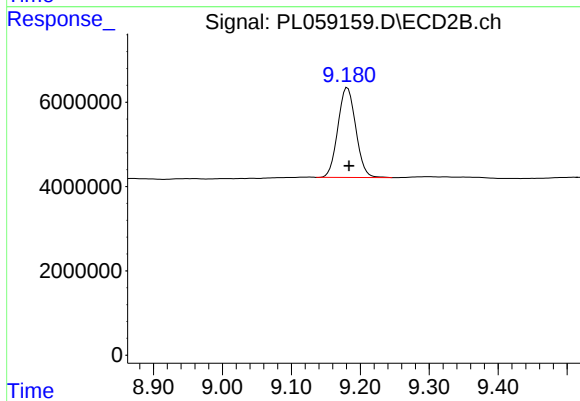
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.080 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.294 min  
Delta R.T.: -0.003 min  
Response: 27308288  
Conc: 16.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.181 min  
Delta R.T.: -0.003 min  
Response: 38474165  
Conc: 16.23 ng/ml