

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092424\  
 Data File : PL092007.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Sep 2024 15:32  
 Operator : AR\AJ  
 Sample : PB1653645BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 25 01:19:28 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 23 16:44:57 2024  
 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 | 2.783 | 381441111 | 41446184 | 17.146  | 16.525     |
| 28)                         | SA Decachlor... | 9.064 | 7.924 | 29337448  | 44643380 | 17.908  | 17.843     |
| Target Compounds            |                 |       |       |           |          |         |            |
| 2)                          | A alpha-BHC     | 4.004 | 3.286 | 123.8E6   | 151.9E6  | 39.989  | 41.695     |
| 3)                          | MA gamma-BHC... | 4.336 | 3.617 | 118.9E6   | 143.7E6  | 38.378  | 40.691     |
| 4)                          | MA Heptachlor   | 4.925 | 3.956 | 113.1E6   | 145.3E6  | 40.908  | 42.101     |
| 5)                          | MB Aldrin       | 5.267 | 4.236 | 108.6E6   | 137.9E6  | 39.110  | 40.543     |
| 6)                          | B beta-BHC      | 4.533 | 3.916 | 53808646  | 62942879 | 40.568  | 41.875     |
| 7)                          | B delta-BHC     | 4.780 | 4.145 | 100.2E6   | 123.7E6  | 34.752  | 35.644     |
| 8)                          | B Heptachlo...  | 5.693 | 4.739 | 102.5E6   | 125.8E6  | 40.269  | 41.602     |
| 9)                          | A Endosulfan I  | 6.078 | 5.109 | 95564924  | 117.3E6  | 41.309  | 42.720     |
| 10)                         | B gamma-Chl...  | 5.948 | 4.989 | 104.1E6   | 129.5E6  | 42.123  | 43.031     |
| 11)                         | B alpha-Chl...  | 6.028 | 5.053 | 102.4E6   | 127.8E6  | 41.557  | 42.705     |
| 12)                         | B 4,4'-DDE      | 6.201 | 5.242 | 87128872  | 118.2E6  | 40.255  | 42.538     |
| 13)                         | MA Dieldrin     | 6.353 | 5.373 | 99595341  | 124.9E6  | 40.837  | 42.585     |
| 14)                         | MA Endrin       | 6.583 | 5.649 | 75963523  | 103.0E6  | 36.863  | 39.287     |
| 15)                         | B Endosulfa...  | 6.802 | 5.944 | 89126801  | 108.5E6  | 40.517  | 43.361     |
| 16)                         | A 4,4'-DDD      | 6.717 | 5.797 | 70599649  | 93132505 | 39.316  | 43.597     |
| 17)                         | MA 4,4'-DDT     | 7.032 | 6.047 | 72863219  | 91894699 | 39.574  | 39.727     |
| 18)                         | B Endrin al...  | 6.932 | 6.123 | 70277578  | 85630867 | 40.325  | 41.961     |
| 19)                         | B Endosulfa...  | 7.166 | 6.345 | 80943040  | 102.1E6  | 40.833  | 42.313     |
| 20)                         | A Methoxychlor  | 7.507 | 6.622 | 37940325  | 48539566 | 38.647  | 38.821     |
| 21)                         | B Endrin ke...  | 7.651 | 6.851 | 93311866  | 124.7E6  | 42.462  | 45.031     |
| 22)                         | Mirex           | 8.124 | 7.033 | 72974499  | 100.1E6  | 40.519  | 41.141     |
| 24)                         | Chlordane-2     | 0.000 | 4.374 | 0         | 390941   | N.D.    | 3.484 #    |
| 25)                         | Chlordane-3     | 5.948 | 4.989 | 104.1E6   | 129.5E6  | 277.899 | 390.856 #  |
| 26)                         | Chlordane-4     | 6.028 | 5.053 | 102.4E6   | 127.8E6  | 226.056 | 402.921 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.944 | 0         | 108.5E6  | N.D.    | 1000.538 # |
| -----                       |                 |       |       |           |          |         |            |

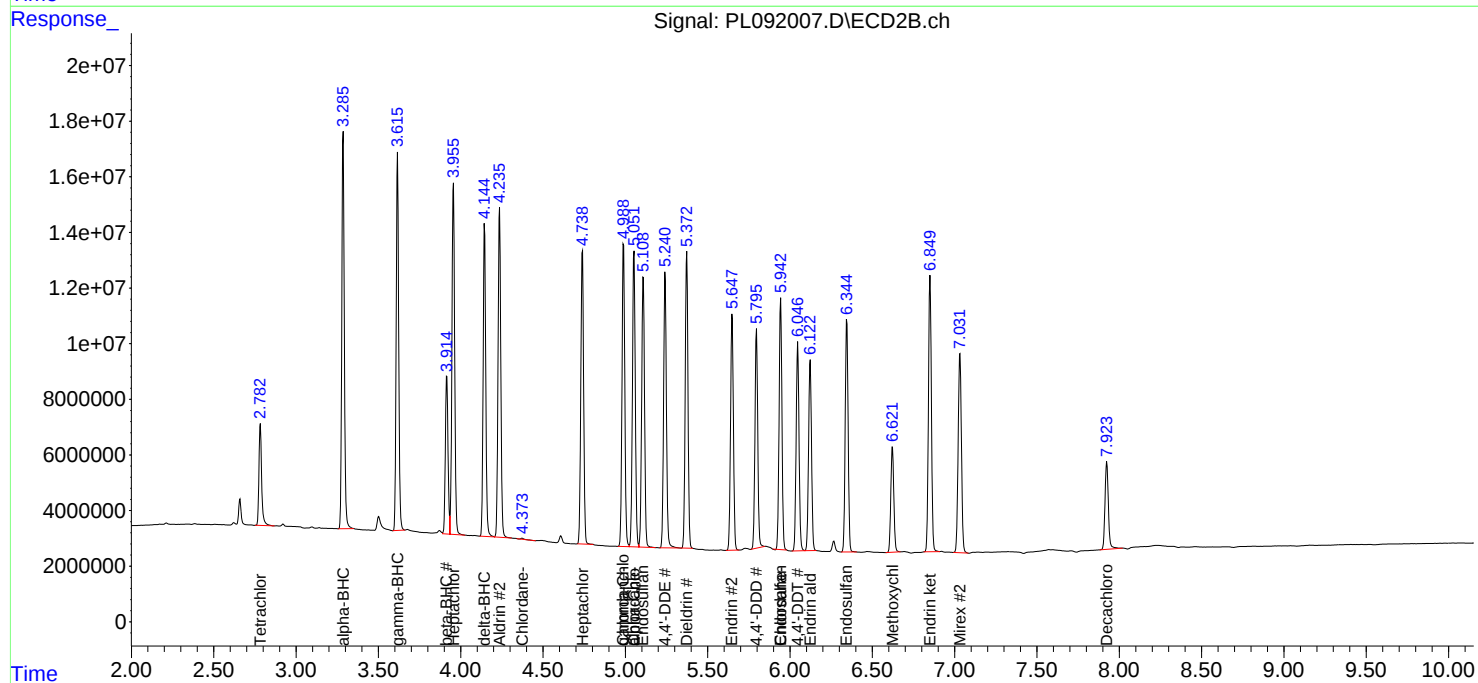
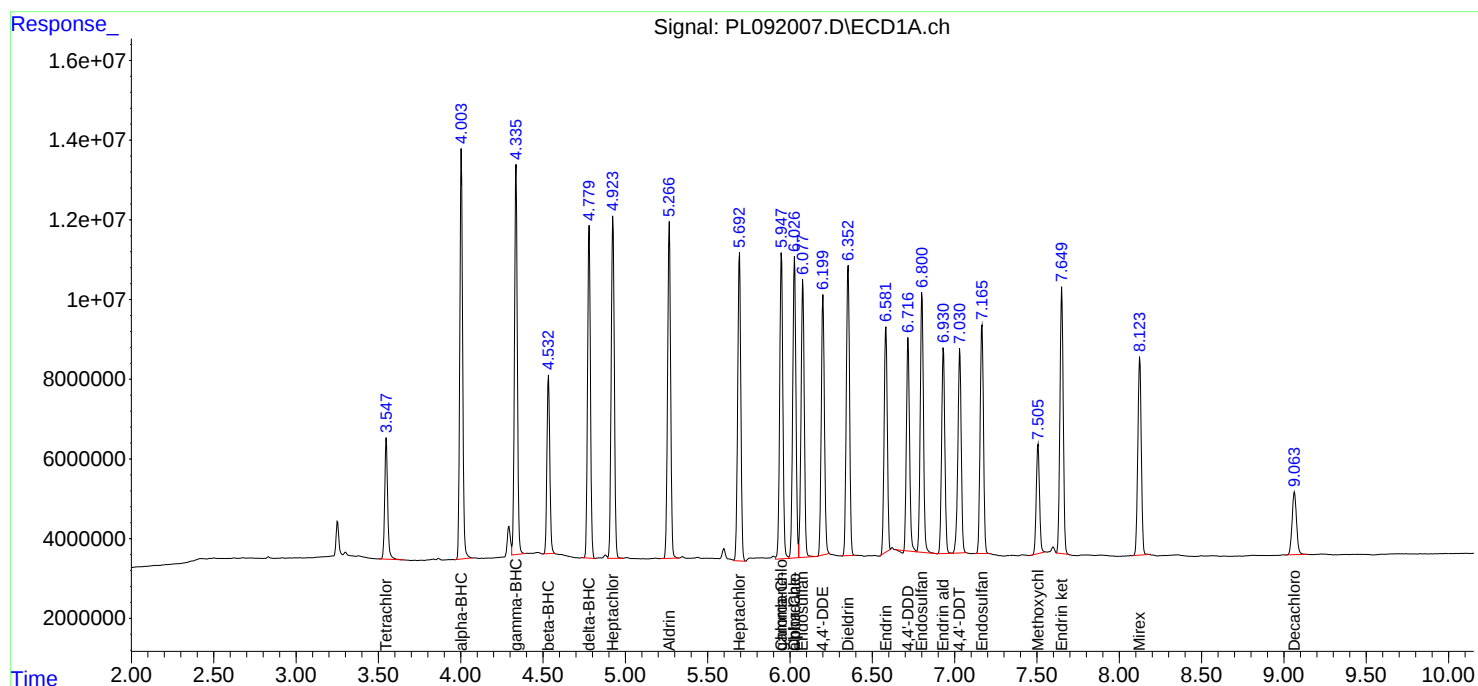
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

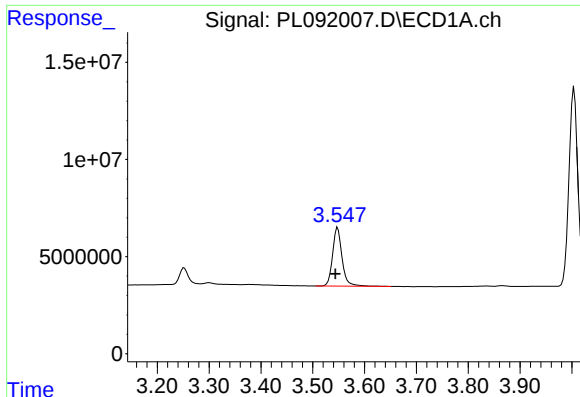
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092424\  
Data File : PL092007.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Sep 2024 15:32  
Operator : AR\AJ  
Sample : PB1653645BS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 01:19:28 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 23 16:44:57 2024  
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

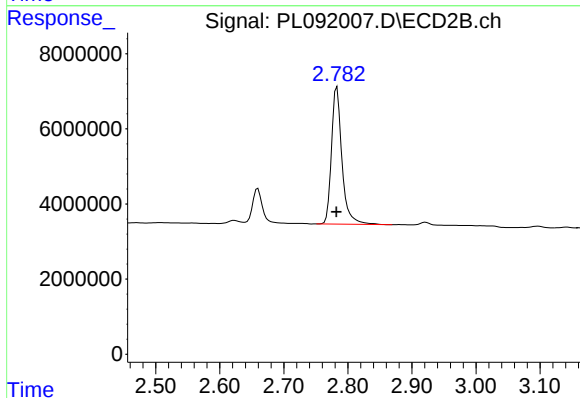




#1 Tetrachloro-m-xylene

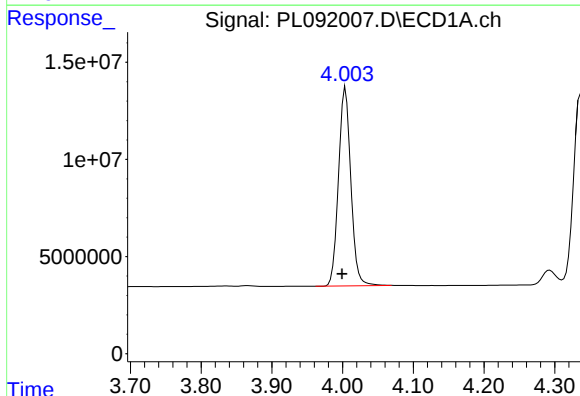
R.T.: 3.548 min  
Delta R.T.: 0.004 min  
Response: 38144111  
Conc: 17.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



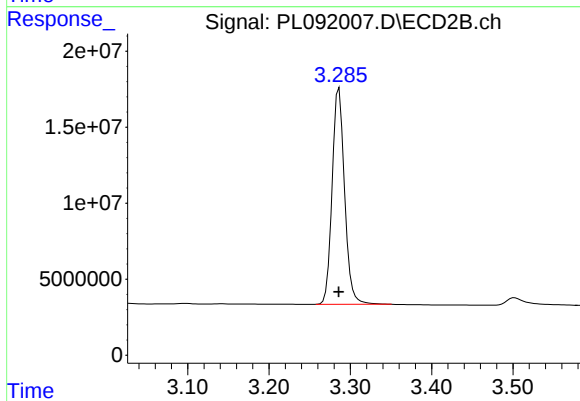
#1 Tetrachloro-m-xylene

R.T.: 2.783 min  
Delta R.T.: 0.000 min  
Response: 41446184  
Conc: 16.53 ng/ml



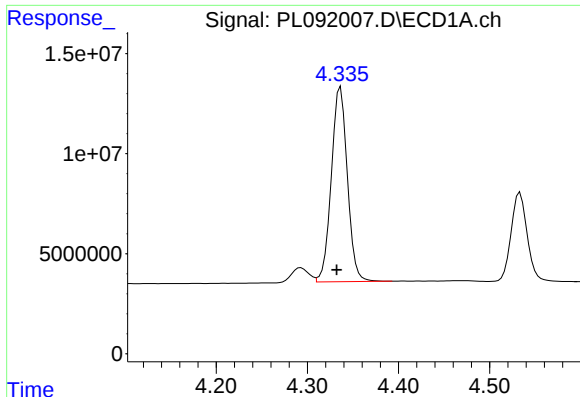
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: 0.005 min  
Response: 123826929  
Conc: 39.99 ng/ml



#2 alpha-BHC

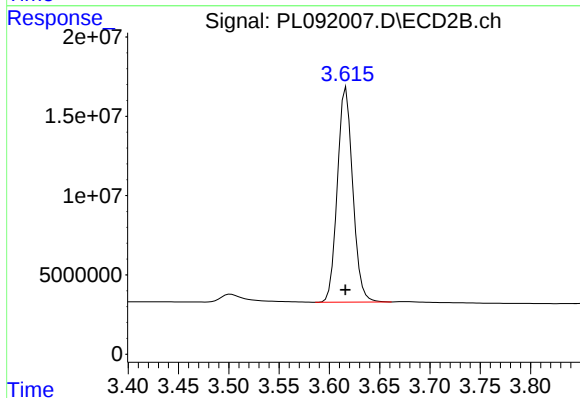
R.T.: 3.286 min  
Delta R.T.: 0.000 min  
Response: 151908157  
Conc: 41.69 ng/ml



#3 gamma-BHC (Lindane)

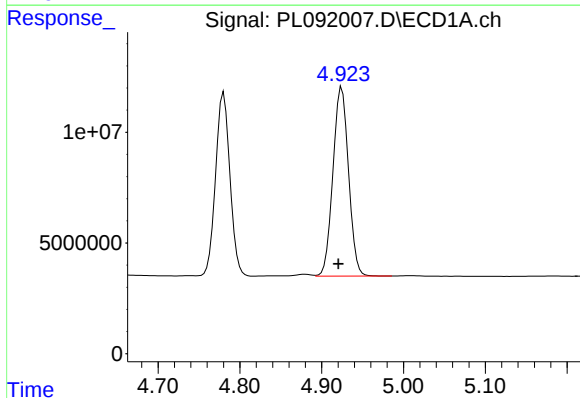
R.T.: 4.336 min  
Delta R.T.: 0.004 min  
Response: 118925096  
Conc: 38.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



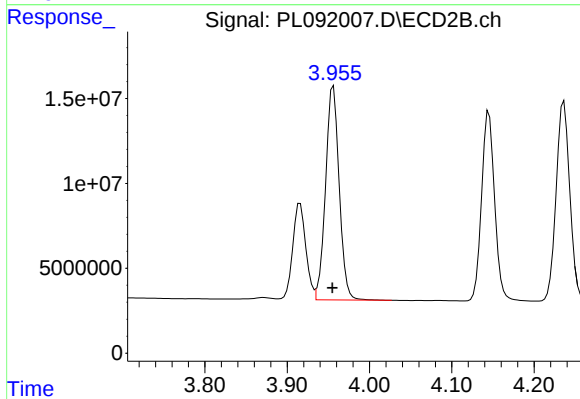
#3 gamma-BHC (Lindane)

R.T.: 3.617 min  
Delta R.T.: 0.000 min  
Response: 143677997  
Conc: 40.69 ng/ml



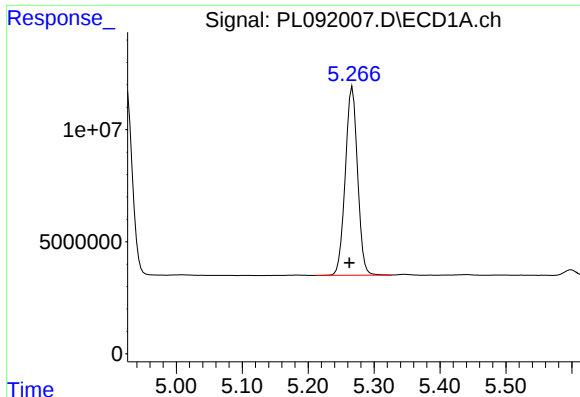
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: 0.004 min  
Response: 113130460  
Conc: 40.91 ng/ml



#4 Heptachlor

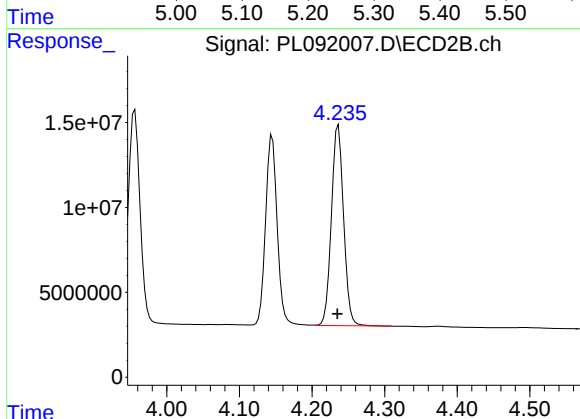
R.T.: 3.956 min  
Delta R.T.: 0.001 min  
Response: 145273564  
Conc: 42.10 ng/ml



#5 Aldrin

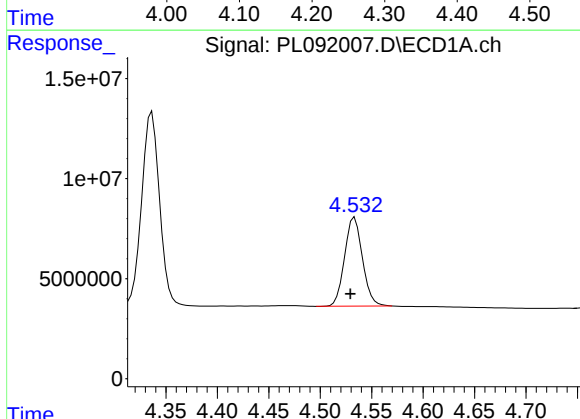
R.T.: 5.267 min  
Delta R.T.: 0.004 min  
Response: 108630234  
Conc: 39.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



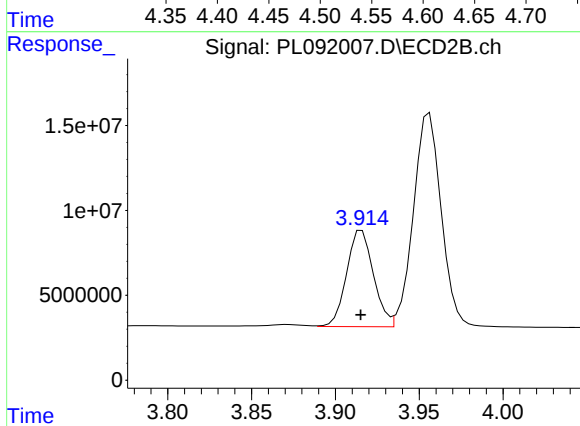
#5 Aldrin

R.T.: 4.236 min  
Delta R.T.: 0.001 min  
Response: 137892491  
Conc: 40.54 ng/ml



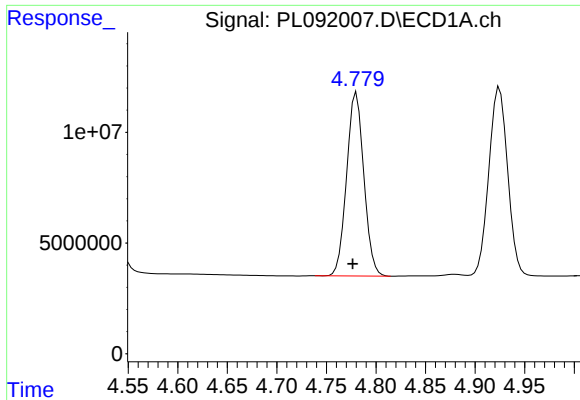
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.004 min  
Response: 53808646  
Conc: 40.57 ng/ml



#6 beta-BHC

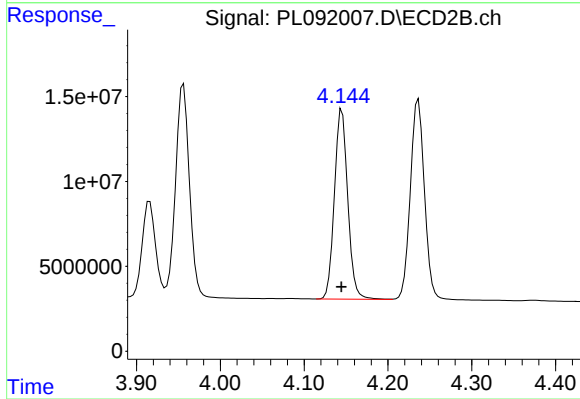
R.T.: 3.916 min  
Delta R.T.: 0.000 min  
Response: 62942879  
Conc: 41.88 ng/ml



#7 delta-BHC

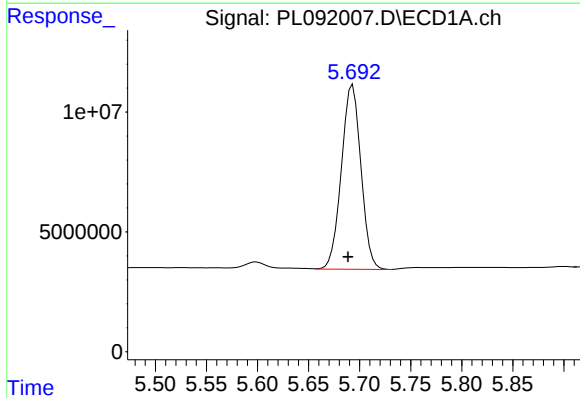
R.T.: 4.780 min  
Delta R.T.: 0.004 min  
Response: 100231959  
Conc: 34.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



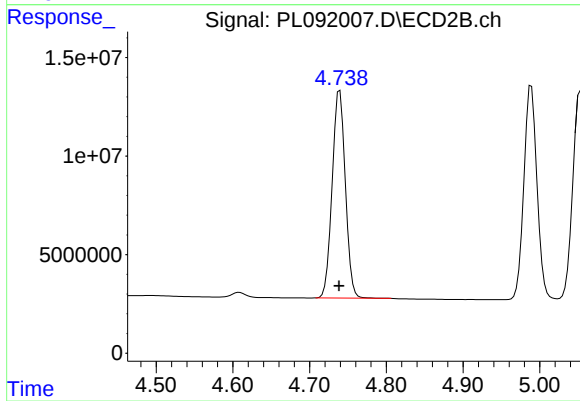
#7 delta-BHC

R.T.: 4.145 min  
Delta R.T.: 0.000 min  
Response: 123744411  
Conc: 35.64 ng/ml



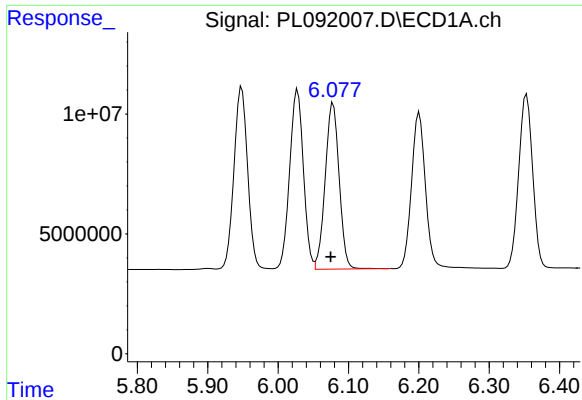
#8 Heptachlor epoxide

R.T.: 5.693 min  
Delta R.T.: 0.004 min  
Response: 102484078  
Conc: 40.27 ng/ml



#8 Heptachlor epoxide

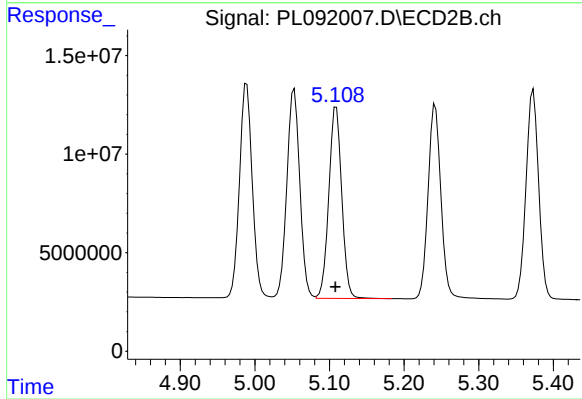
R.T.: 4.739 min  
Delta R.T.: 0.001 min  
Response: 125756638  
Conc: 41.60 ng/ml



#9 Endosulfan I

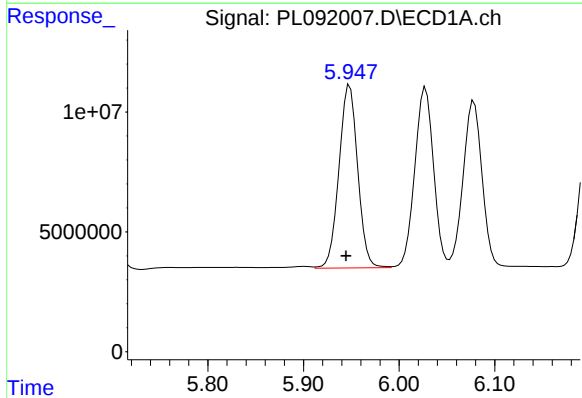
R.T.: 6.078 min  
Delta R.T.: 0.003 min  
Response: 95564924  
Conc: 41.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



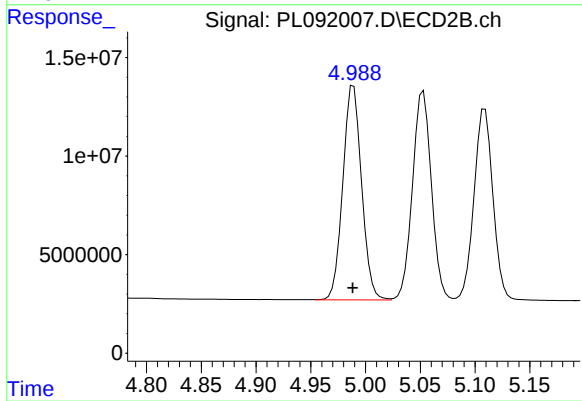
#9 Endosulfan I

R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 117251608  
Conc: 42.72 ng/ml



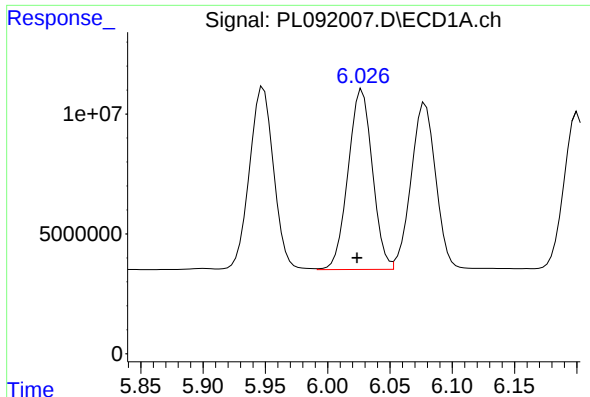
#10 gamma-Chlordane

R.T.: 5.948 min  
Delta R.T.: 0.004 min  
Response: 104094500  
Conc: 42.12 ng/ml



#10 gamma-Chlordane

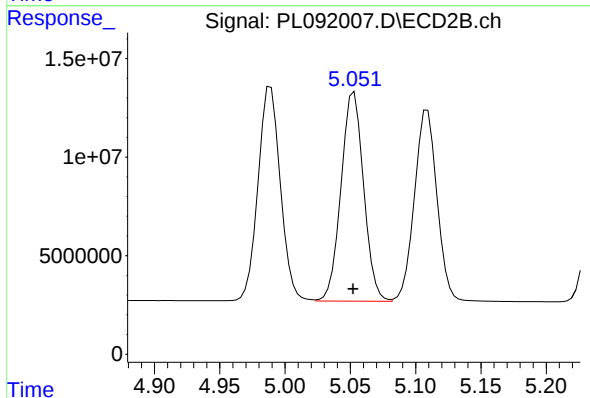
R.T.: 4.989 min  
Delta R.T.: 0.000 min  
Response: 129462636  
Conc: 43.03 ng/ml



#11 alpha-Chlordane

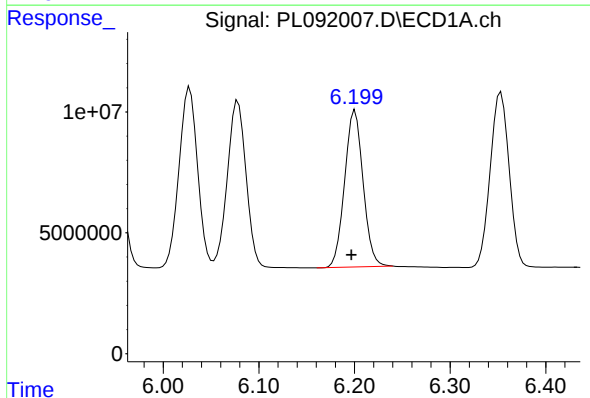
R.T.: 6.028 min  
Delta R.T.: 0.004 min  
Response: 102368845  
Conc: 41.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



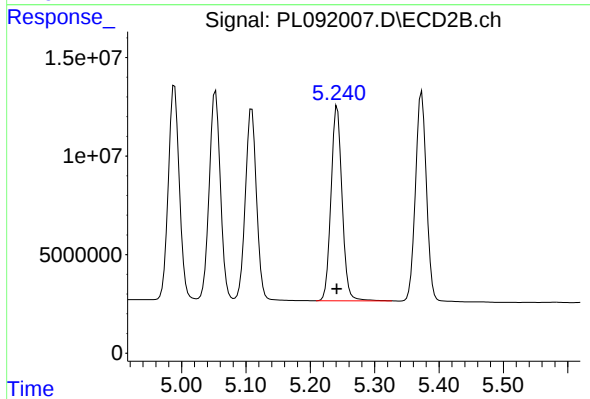
#11 alpha-Chlordane

R.T.: 5.053 min  
Delta R.T.: 0.000 min  
Response: 127839424  
Conc: 42.71 ng/ml



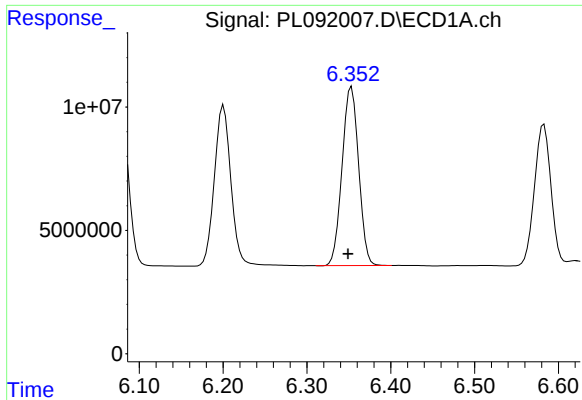
#12 4,4'-DDE

R.T.: 6.201 min  
Delta R.T.: 0.004 min  
Response: 87128872  
Conc: 40.25 ng/ml



#12 4,4'-DDE

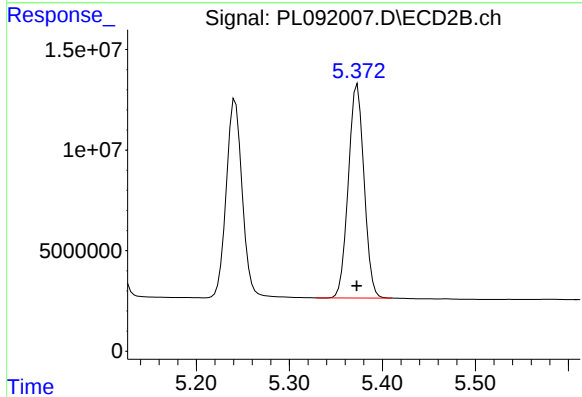
R.T.: 5.242 min  
Delta R.T.: 0.000 min  
Response: 118206982  
Conc: 42.54 ng/ml



#13 Dieldrin

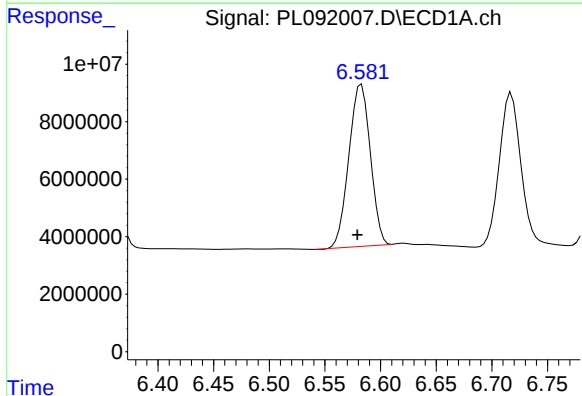
R.T.: 6.353 min  
Delta R.T.: 0.004 min  
Response: 99595341  
Conc: 40.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



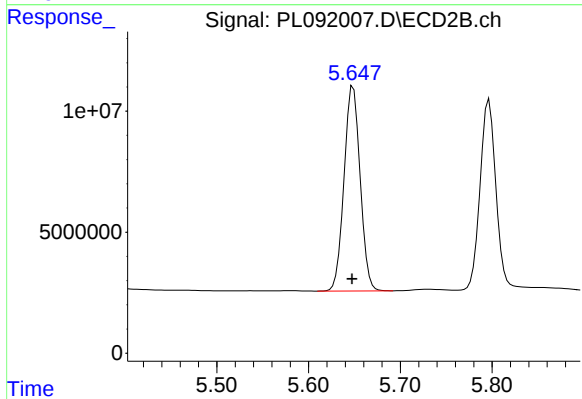
#13 Dieldrin

R.T.: 5.373 min  
Delta R.T.: 0.000 min  
Response: 124853051  
Conc: 42.59 ng/ml



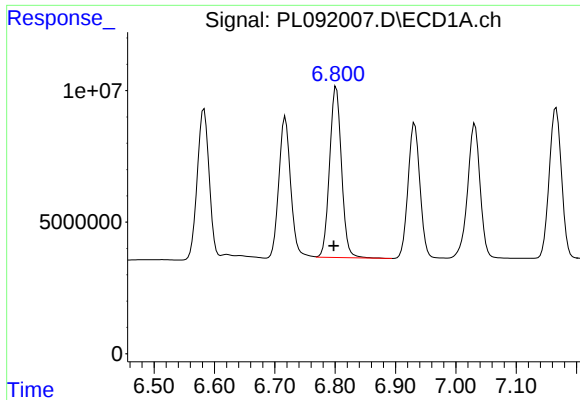
#14 Endrin

R.T.: 6.583 min  
Delta R.T.: 0.004 min  
Response: 75963523  
Conc: 36.86 ng/ml



#14 Endrin

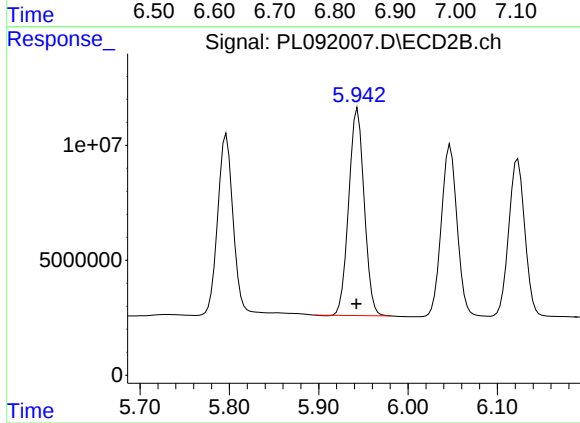
R.T.: 5.649 min  
Delta R.T.: 0.001 min  
Response: 103016398  
Conc: 39.29 ng/ml



#15 Endosulfan II

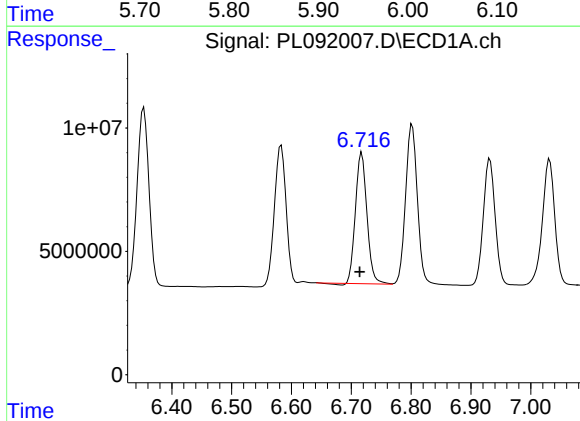
R.T.: 6.802 min  
Delta R.T.: 0.004 min  
Response: 89126801  
Conc: 40.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



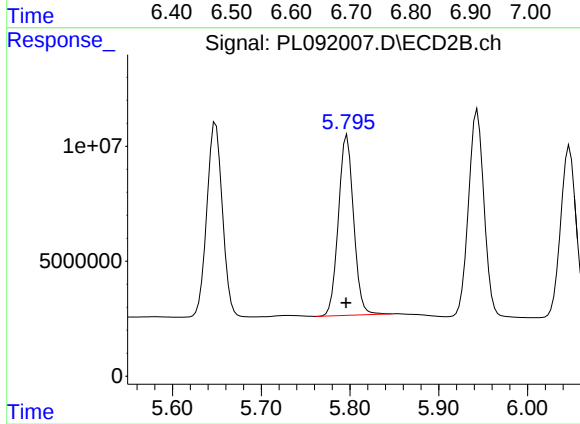
#15 Endosulfan II

R.T.: 5.944 min  
Delta R.T.: 0.002 min  
Response: 108507783  
Conc: 43.36 ng/ml



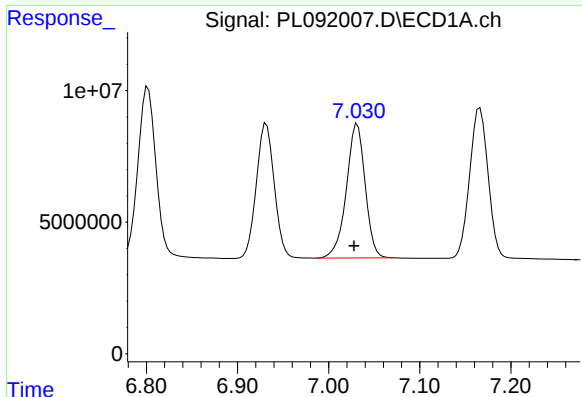
#16 4,4'-DDD

R.T.: 6.717 min  
Delta R.T.: 0.003 min  
Response: 70599649  
Conc: 39.32 ng/ml



#16 4,4'-DDD

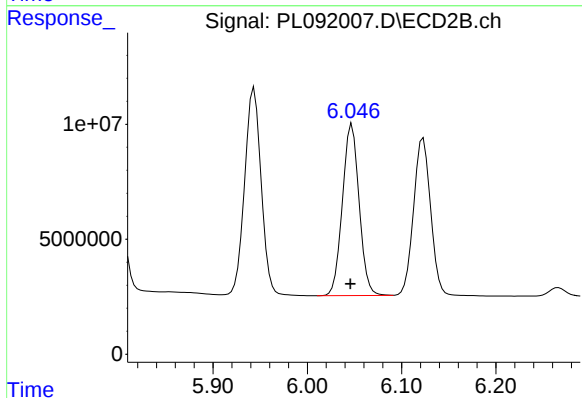
R.T.: 5.797 min  
Delta R.T.: 0.000 min  
Response: 93132505  
Conc: 43.60 ng/ml



#17 4,4'-DDT

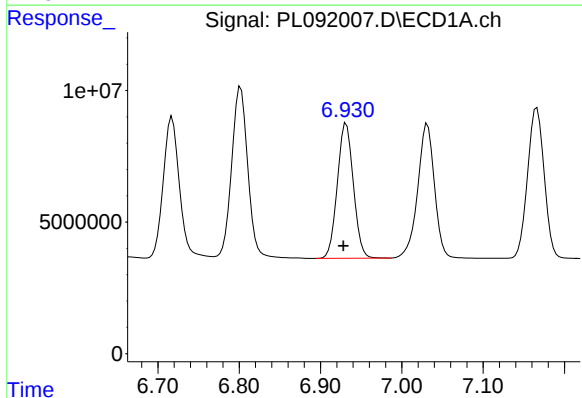
R.T.: 7.032 min  
Delta R.T.: 0.004 min  
Response: 72863219  
Conc: 39.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



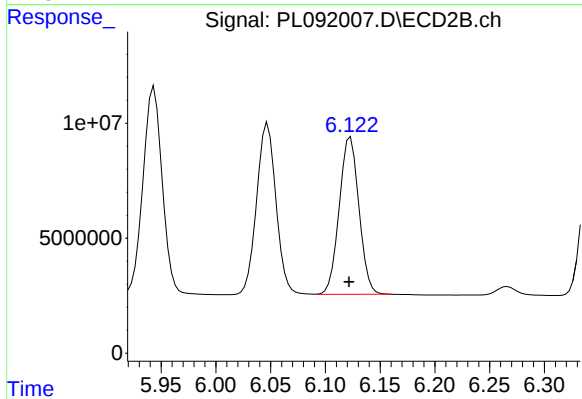
#17 4,4'-DDT

R.T.: 6.047 min  
Delta R.T.: 0.002 min  
Response: 91894699  
Conc: 39.73 ng/ml



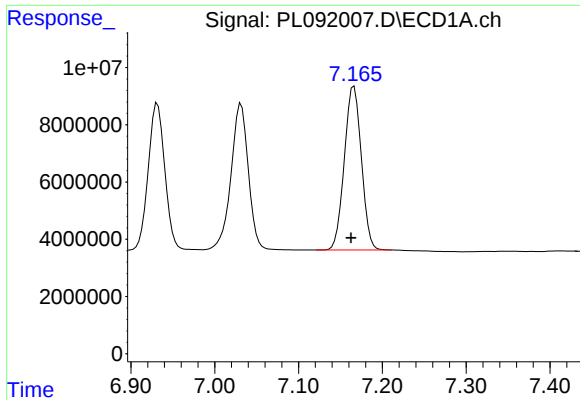
#18 Endrin aldehyde

R.T.: 6.932 min  
Delta R.T.: 0.004 min  
Response: 70277578  
Conc: 40.33 ng/ml



#18 Endrin aldehyde

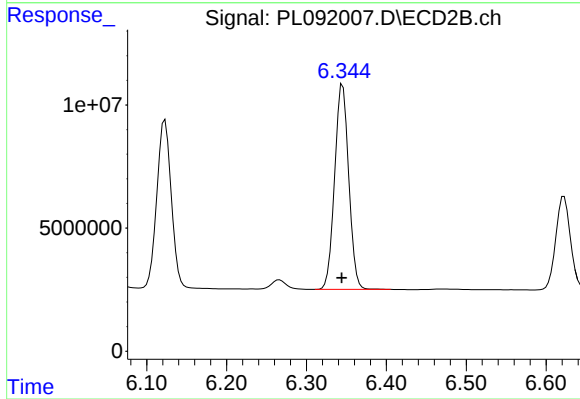
R.T.: 6.123 min  
Delta R.T.: 0.001 min  
Response: 85630867  
Conc: 41.96 ng/ml



#19 Endosulfan Sulfate

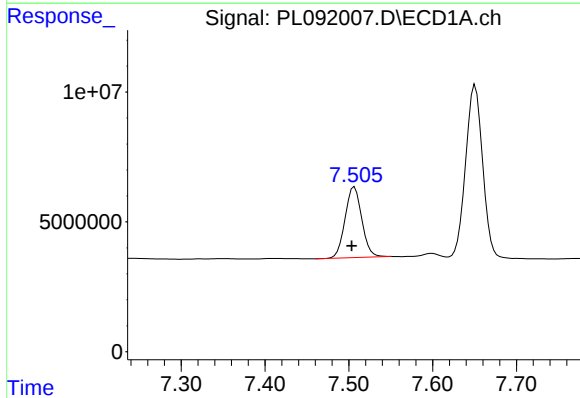
R.T.: 7.166 min  
Delta R.T.: 0.003 min  
Response: 80943040  
Conc: 40.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



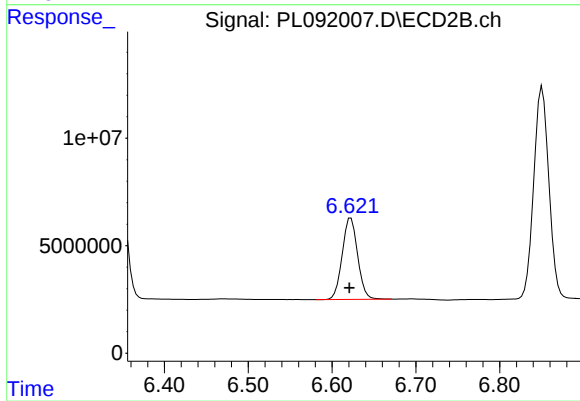
#19 Endosulfan Sulfate

R.T.: 6.345 min  
Delta R.T.: 0.001 min  
Response: 102080103  
Conc: 42.31 ng/ml



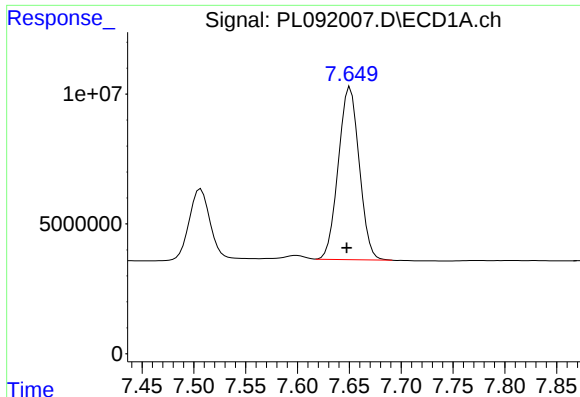
#20 Methoxychlor

R.T.: 7.507 min  
Delta R.T.: 0.003 min  
Response: 37940325  
Conc: 38.65 ng/ml



#20 Methoxychlor

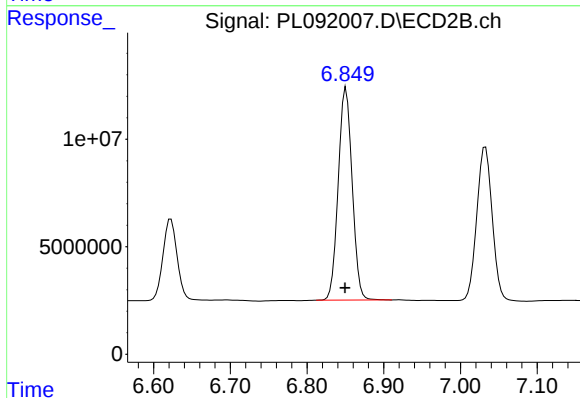
R.T.: 6.622 min  
Delta R.T.: 0.002 min  
Response: 48539566  
Conc: 38.82 ng/ml



#21 Endrin ketone

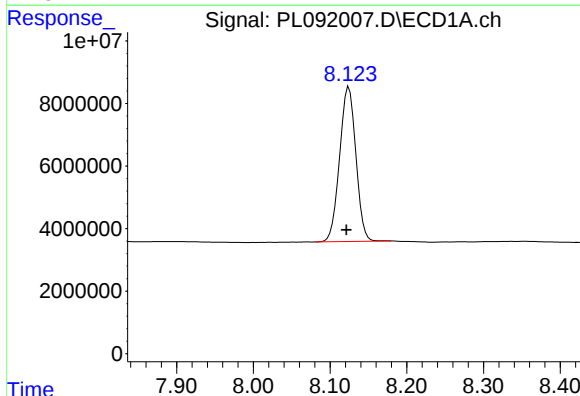
R.T.: 7.651 min  
Delta R.T.: 0.003 min  
Response: 93311866  
Conc: 42.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



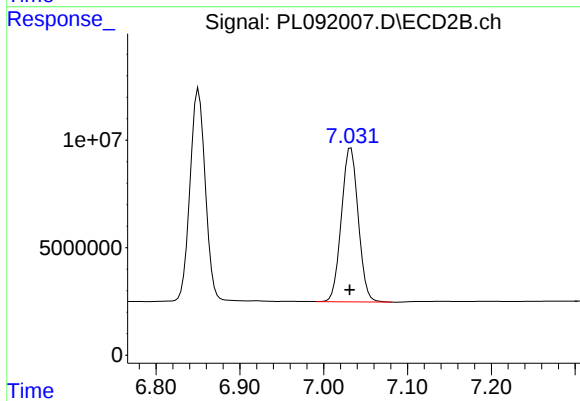
#21 Endrin ketone

R.T.: 6.851 min  
Delta R.T.: 0.000 min  
Response: 124689732  
Conc: 45.03 ng/ml



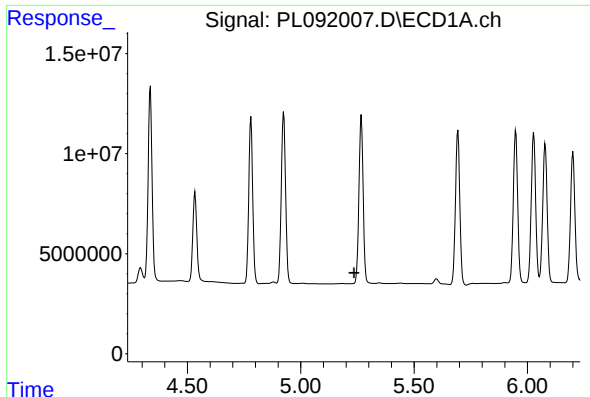
#22 Mirex

R.T.: 8.124 min  
Delta R.T.: 0.003 min  
Response: 72974499  
Conc: 40.52 ng/ml



#22 Mirex

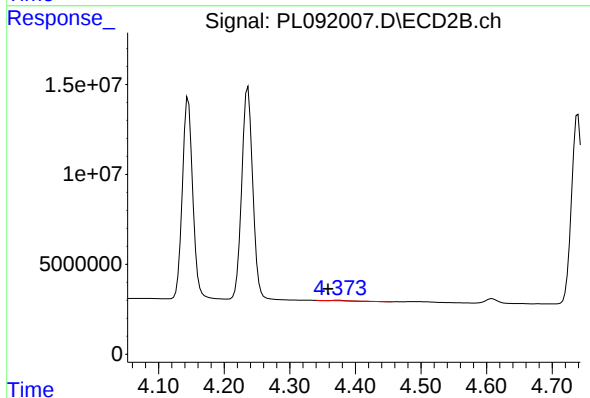
R.T.: 7.033 min  
Delta R.T.: 0.001 min  
Response: 100083103  
Conc: 41.14 ng/ml



#24 Chlordane-2

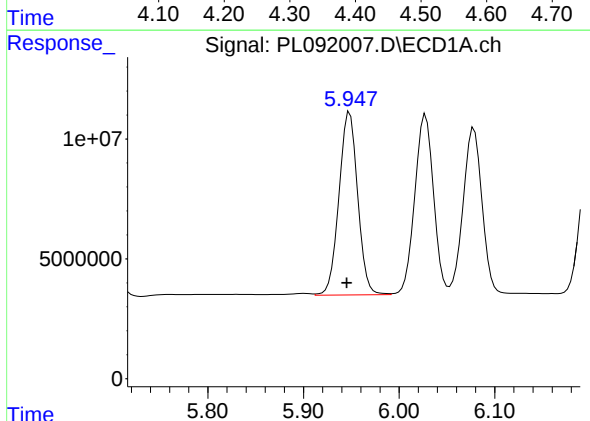
R.T.: 0.000 min  
Exp R.T.: 5.235 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



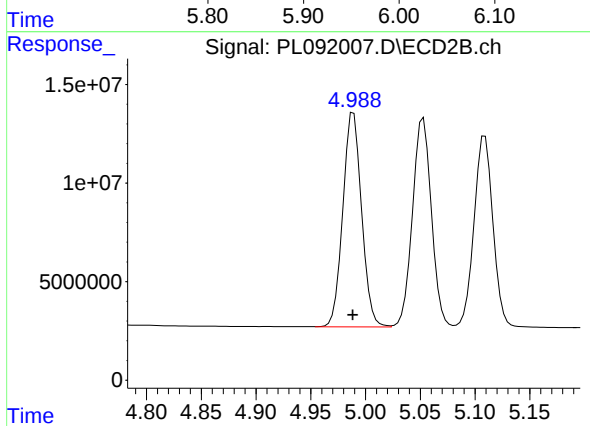
#24 Chlordane-2

R.T.: 4.374 min  
Delta R.T.: 0.015 min  
Response: 390941  
Conc: 3.48 ng/ml



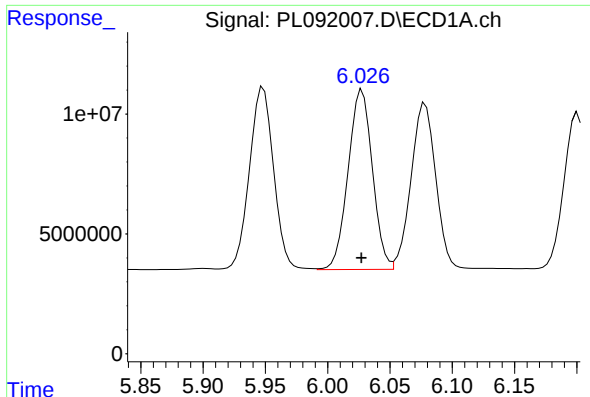
#25 Chlordane-3

R.T.: 5.948 min  
Delta R.T.: 0.003 min  
Response: 104094500  
Conc: 277.90 ng/ml



#25 Chlordane-3

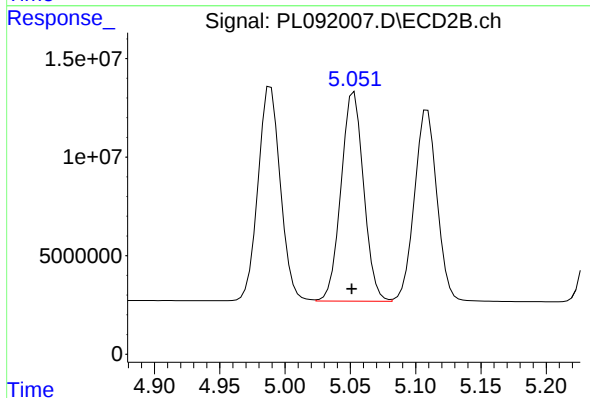
R.T.: 4.989 min  
Delta R.T.: 0.000 min  
Response: 129462636  
Conc: 390.86 ng/ml



#26 Chlordane-4

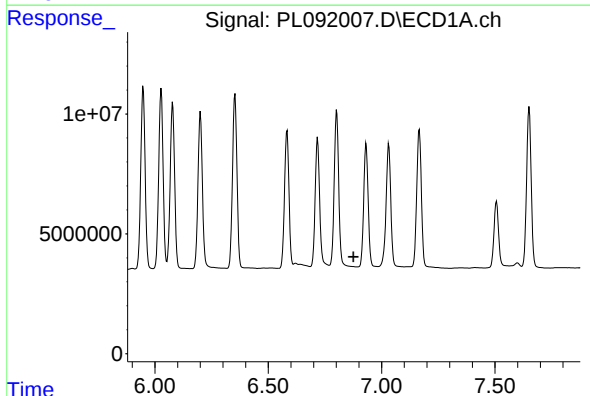
R.T.: 6.028 min  
Delta R.T.: 0.000 min  
Response: 102368845  
Conc: 226.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



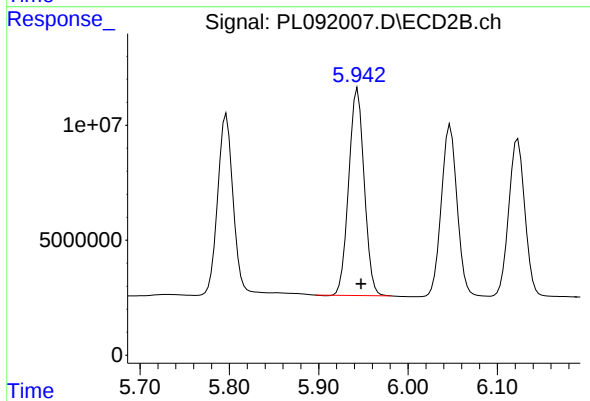
#26 Chlordane-4

R.T.: 5.053 min  
Delta R.T.: 0.002 min  
Response: 127839424  
Conc: 402.92 ng/ml



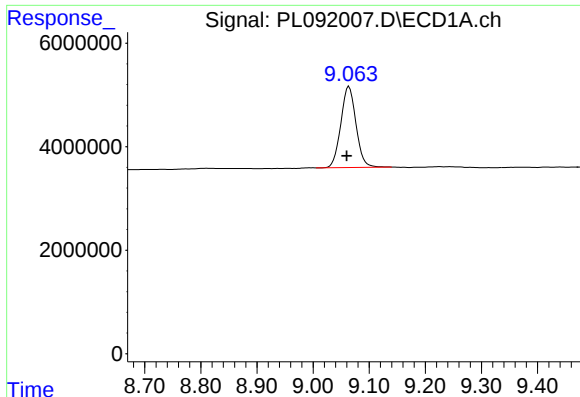
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.876 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

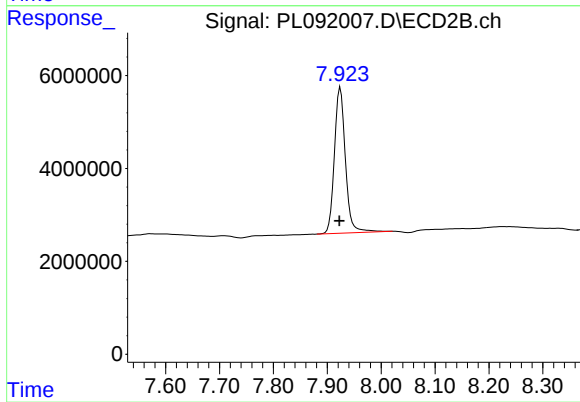
R.T.: 5.944 min  
Delta R.T.: -0.004 min  
Response: 108507783  
Conc: 1000.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min  
Delta R.T.: 0.004 min  
Response: 29337448  
Conc: 17.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.924 min  
Delta R.T.: 0.002 min  
Response: 44643380  
Conc: 17.84 ng/ml