

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092724\  
 Data File : PL092113.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Sep 2024 15:05  
 Operator : AR\AJ  
 Sample : PB163660BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB163660BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 28 00:04:48 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 | 2.781 | 36912675 | 39898766 | 16.593  | 15.908     |
| 28)                         | SA Decachlor... | 9.066 | 7.925 | 25646316 | 38923148 | 15.655  | 15.557     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.004 | 3.285 | 143.7E6  | 180.3E6  | 46.402  | 49.481     |
| 3)                          | MA gamma-BHC... | 4.337 | 3.615 | 143.9E6  | 172.4E6  | 46.439  | 48.815     |
| 4)                          | MA Heptachlor   | 4.926 | 3.954 | 131.6E6  | 174.8E6  | 47.599  | 50.669     |
| 5)                          | MB Aldrin       | 5.267 | 4.235 | 123.1E6  | 164.9E6  | 44.311  | 48.481     |
| 6)                          | B beta-BHC      | 4.534 | 3.914 | 62583760 | 76493737 | 47.184  | 50.891     |
| 7)                          | B delta-BHC     | 4.781 | 4.144 | 107.3E6  | 135.3E6  | 37.189  | 38.973     |
| 8)                          | B Heptachlo...  | 5.693 | 4.737 | 112.8E6  | 151.9E6  | 44.304  | 50.242     |
| 9)                          | A Endosulfan I  | 6.079 | 5.107 | 105.7E6  | 139.4E6  | 45.678  | 50.772     |
| 10)                         | B gamma-Chl...  | 5.950 | 4.988 | 116.1E6  | 153.8E6  | 46.983  | 51.126     |
| 11)                         | B alpha-Chl...  | 6.029 | 5.052 | 113.3E6  | 151.7E6  | 46.008  | 50.689     |
| 12)                         | B 4,4'-DDE      | 6.202 | 5.241 | 102.9E6  | 144.8E6  | 47.564  | 52.100     |
| 13)                         | MA Dieldrin     | 6.354 | 5.372 | 111.3E6  | 147.4E6  | 45.617  | 50.265     |
| 14)                         | MA Endrin       | 6.584 | 5.648 | 89074163 | 126.6E6  | 43.225  | 48.287     |
| 15)                         | B Endosulfa...  | 6.803 | 5.942 | 99868617 | 123.5E6  | 45.400  | 49.335     |
| 16)                         | A 4,4'-DDD      | 6.719 | 5.796 | 86688164 | 113.4E6  | 48.275  | 53.107     |
| 17)                         | MA 4,4'-DDT     | 7.033 | 6.046 | 86847040 | 113.4E6  | 47.169  | 49.043     |
| 18)                         | B Endrin al...  | 6.934 | 6.122 | 77717145 | 99088087 | 44.594  | 48.555     |
| 19)                         | B Endosulfa...  | 7.168 | 6.345 | 85923594 | 115.1E6  | 43.346  | 47.712     |
| 20)                         | A Methoxychlor  | 7.509 | 6.622 | 45282395 | 60283842 | 46.126  | 48.214     |
| 21)                         | B Endrin ke...  | 7.652 | 6.851 | 99727274 | 136.5E6  | 45.381  | 49.288     |
| 22)                         | Mirex           | 8.125 | 7.032 | 74458521 | 109.8E6  | 41.343  | 45.135     |
| 23)                         | Chlordane-1     | 0.000 | 3.774 | 0        | 131673   | N.D.    | 1.317 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.372 | 0        | 626813   | N.D.    | 5.585 #    |
| 25)                         | Chlordane-3     | 5.950 | 4.988 | 116.1E6  | 153.8E6  | 309.963 | 464.378 #  |
| 26)                         | Chlordane-4     | 6.029 | 5.052 | 113.3E6  | 151.7E6  | 250.269 | 478.250 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.942 | 0        | 123.5E6  | N.D.    | 1138.367 # |
| -----                       |                 |       |       |          |          |         |            |

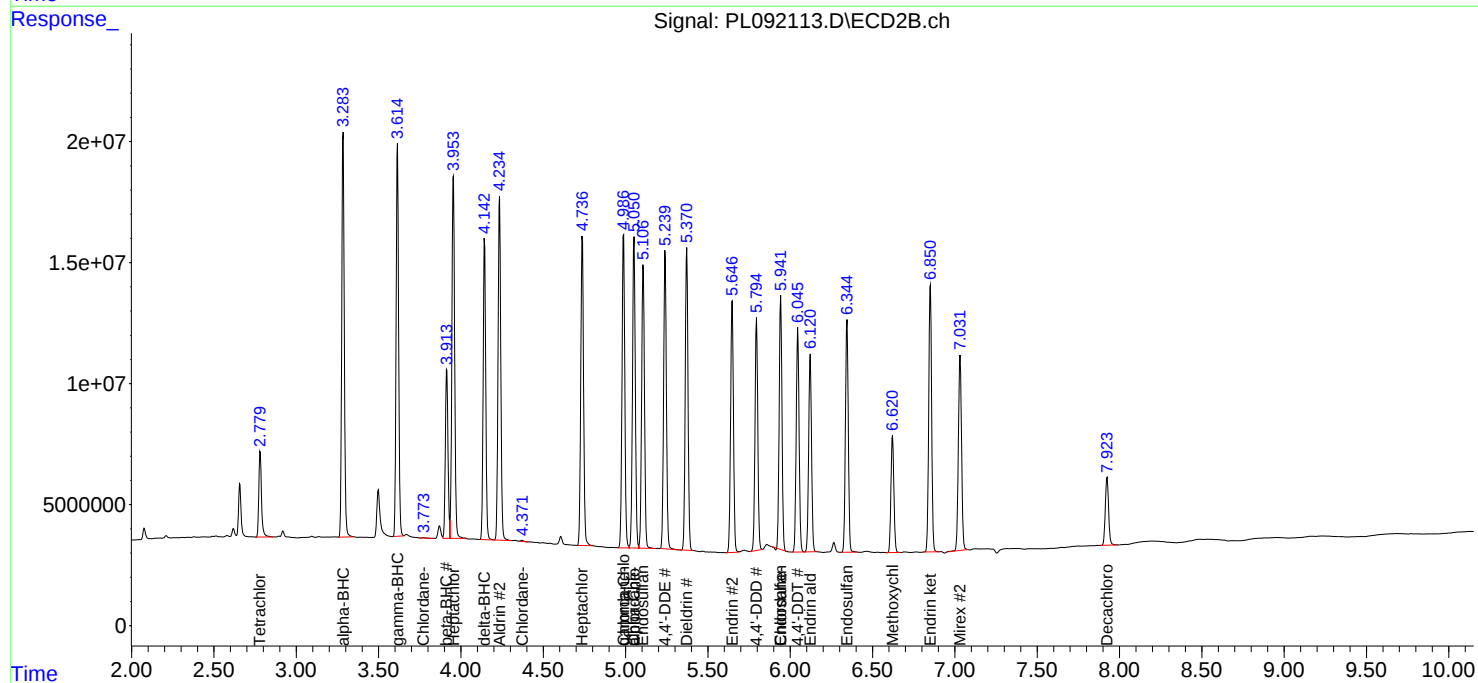
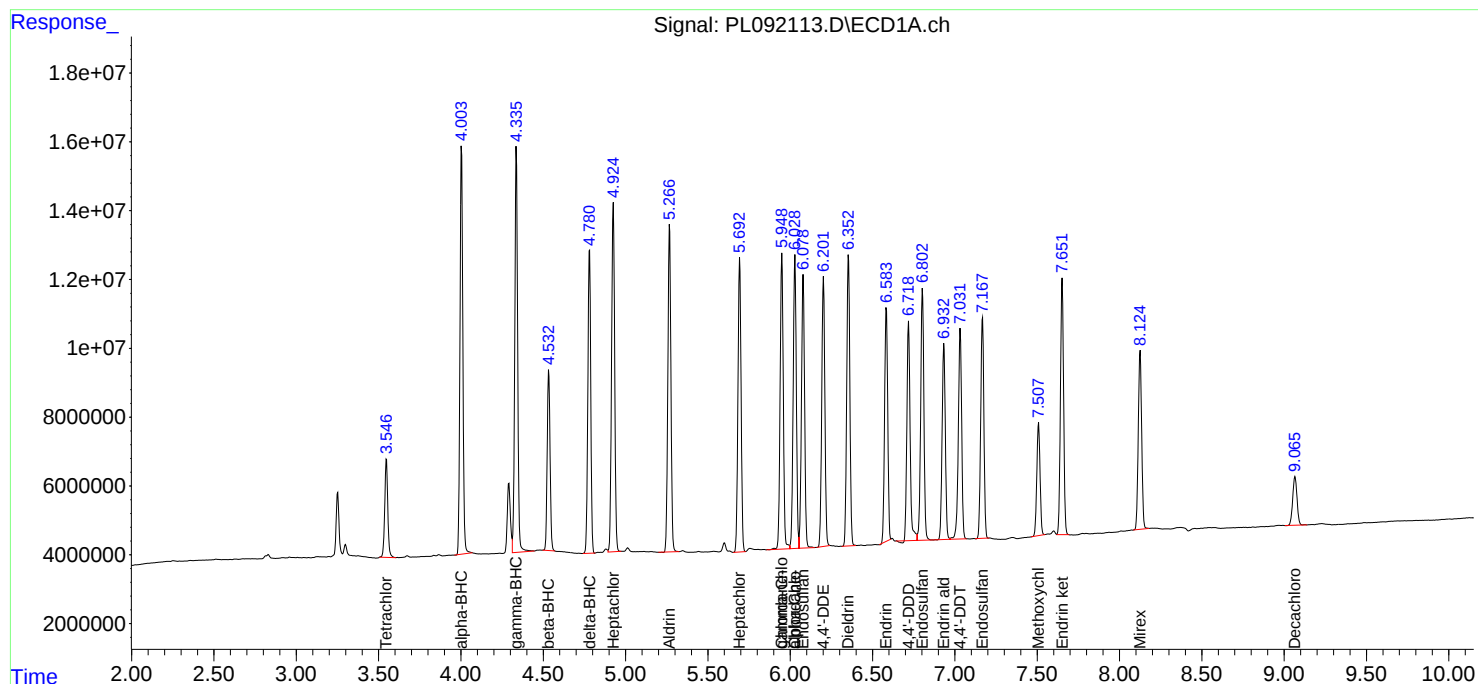
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

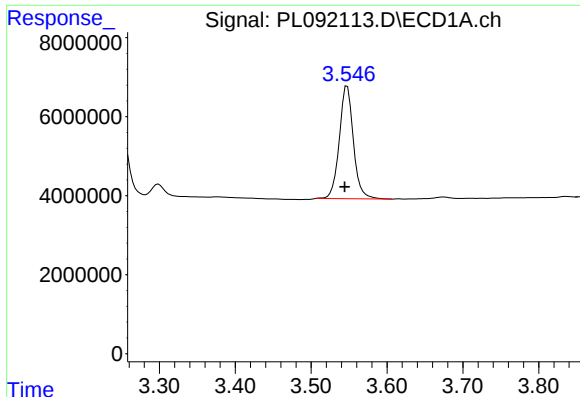
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092724\  
Data File : PL092113.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Sep 2024 15:05  
Operator : AR\AJ  
Sample : PB163660BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB163660BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 28 00:04:48 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

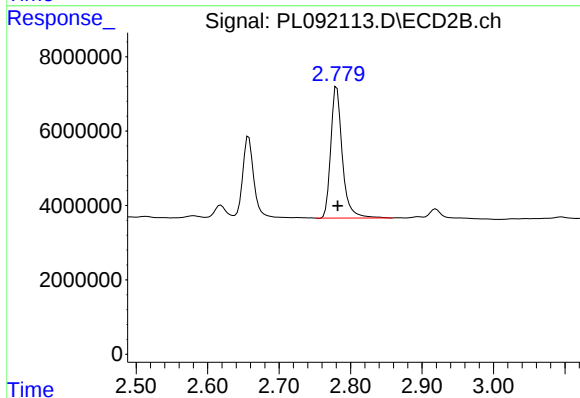




#1 Tetrachloro-m-xylene

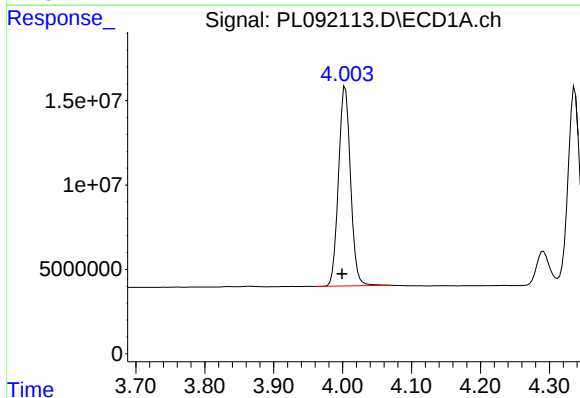
R.T.: 3.548 min  
Delta R.T.: 0.004 min  
Response: 36912675  
Conc: 16.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163660BS



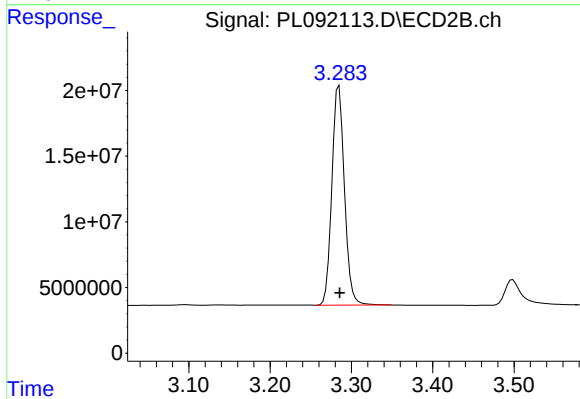
#1 Tetrachloro-m-xylene

R.T.: 2.781 min  
Delta R.T.: -0.001 min  
Response: 39898766  
Conc: 15.91 ng/ml



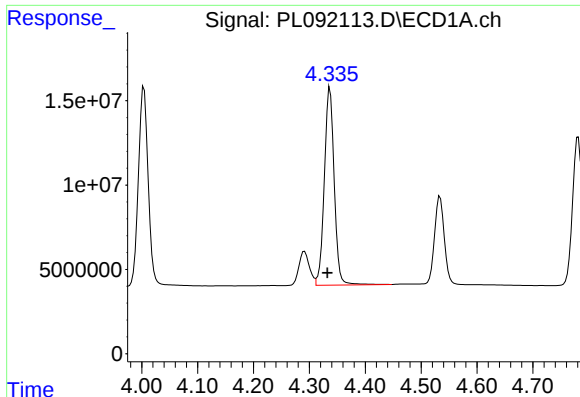
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: 0.005 min  
Response: 143686095  
Conc: 46.40 ng/ml



#2 alpha-BHC

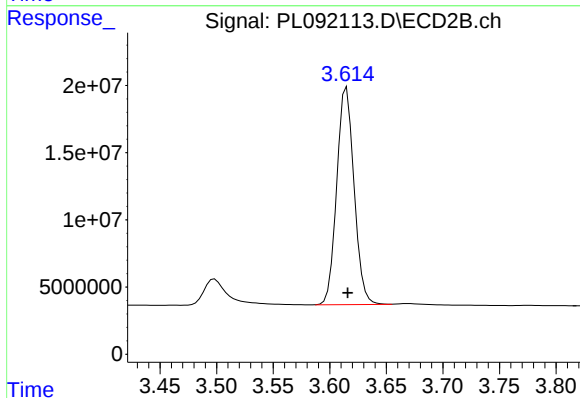
R.T.: 3.285 min  
Delta R.T.: 0.000 min  
Response: 180275210  
Conc: 49.48 ng/ml



#3 gamma-BHC (Lindane)

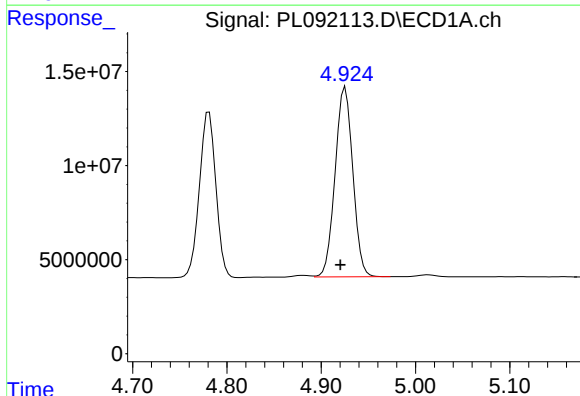
R.T.: 4.337 min  
Delta R.T.: 0.005 min  
Response: 143905918  
Conc: 46.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163660BS



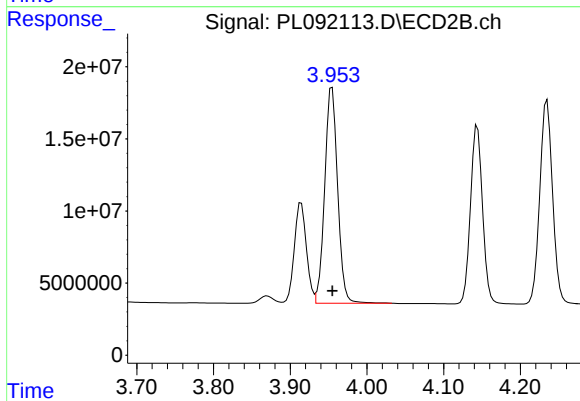
#3 gamma-BHC (Lindane)

R.T.: 3.615 min  
Delta R.T.: 0.000 min  
Response: 172364851  
Conc: 48.82 ng/ml



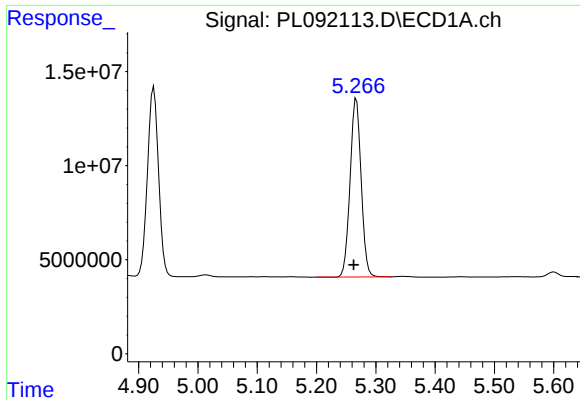
#4 Heptachlor

R.T.: 4.926 min  
Delta R.T.: 0.005 min  
Response: 131631924  
Conc: 47.60 ng/ml



#4 Heptachlor

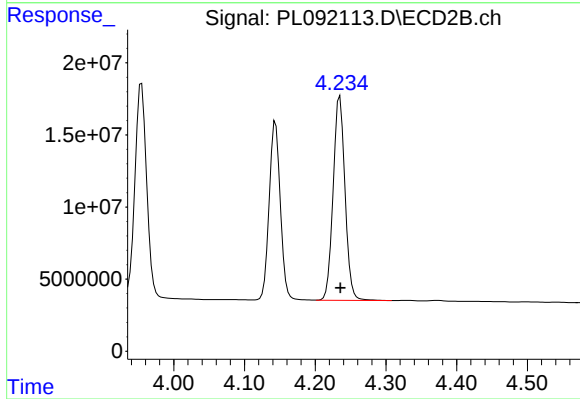
R.T.: 3.954 min  
Delta R.T.: 0.000 min  
Response: 174840527  
Conc: 50.67 ng/ml



#5 Aldrin

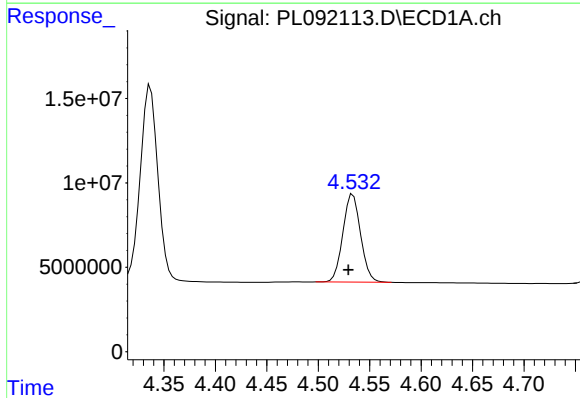
R.T.: 5.267 min  
Delta R.T.: 0.004 min  
Response: 123076394  
Conc: 44.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163660BS



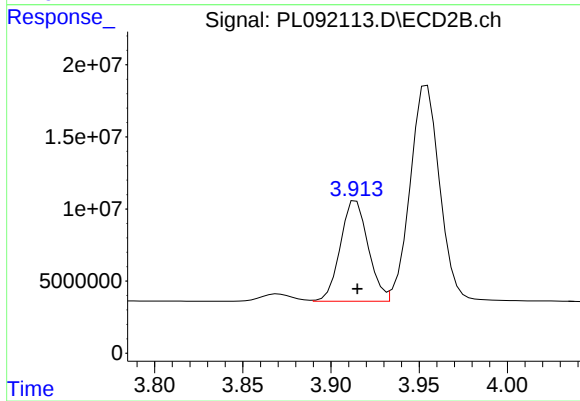
#5 Aldrin

R.T.: 4.235 min  
Delta R.T.: 0.000 min  
Response: 164887271  
Conc: 48.48 ng/ml



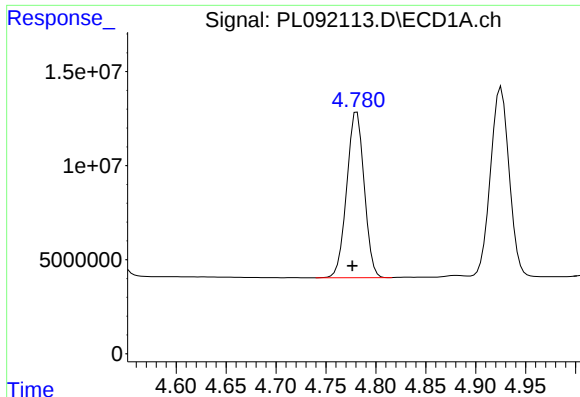
#6 beta-BHC

R.T.: 4.534 min  
Delta R.T.: 0.004 min  
Response: 62583760  
Conc: 47.18 ng/ml



#6 beta-BHC

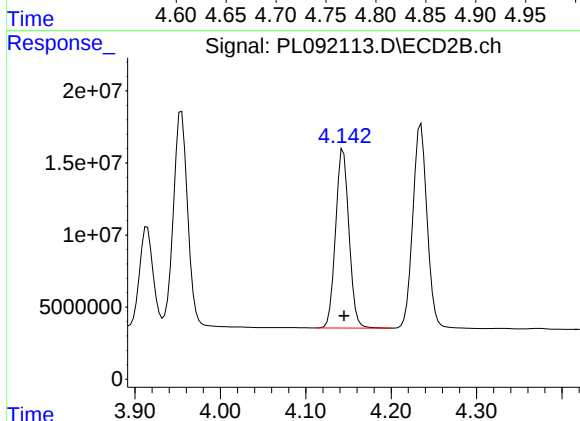
R.T.: 3.914 min  
Delta R.T.: 0.000 min  
Response: 76493737  
Conc: 50.89 ng/ml



#7 delta-BHC

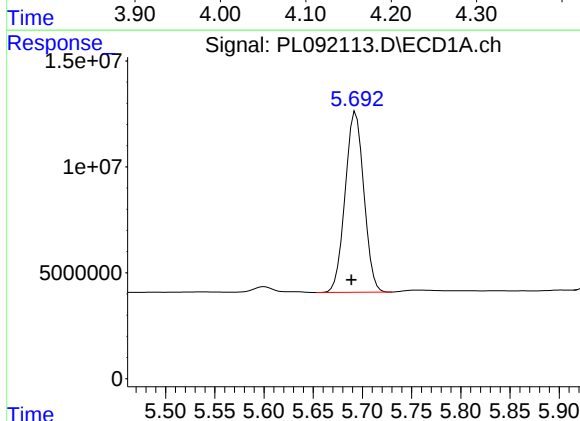
R.T.: 4.781 min  
Delta R.T.: 0.004 min  
Response: 107262054  
Conc: 37.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163660BS



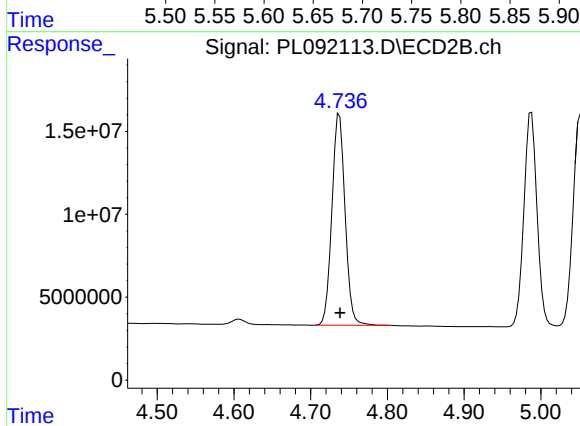
#7 delta-BHC

R.T.: 4.144 min  
Delta R.T.: 0.000 min  
Response: 135302046  
Conc: 38.97 ng/ml



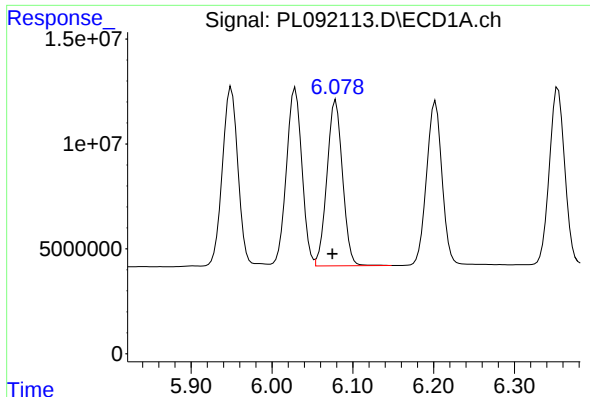
#8 Heptachlor epoxide

R.T.: 5.693 min  
Delta R.T.: 0.004 min  
Response: 112752402  
Conc: 44.30 ng/ml



#8 Heptachlor epoxide

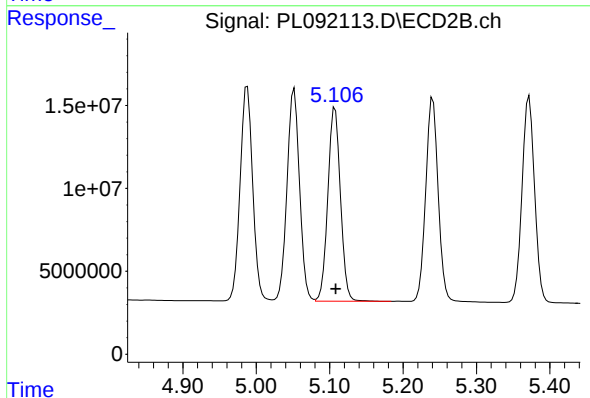
R.T.: 4.737 min  
Delta R.T.: 0.000 min  
Response: 151875461  
Conc: 50.24 ng/ml



#9 Endosulfan I

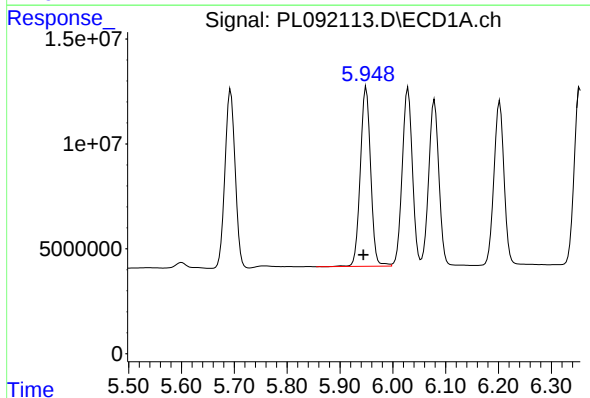
R.T.: 6.079 min  
Delta R.T.: 0.004 min  
Response: 105672177  
Conc: 45.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163660BS



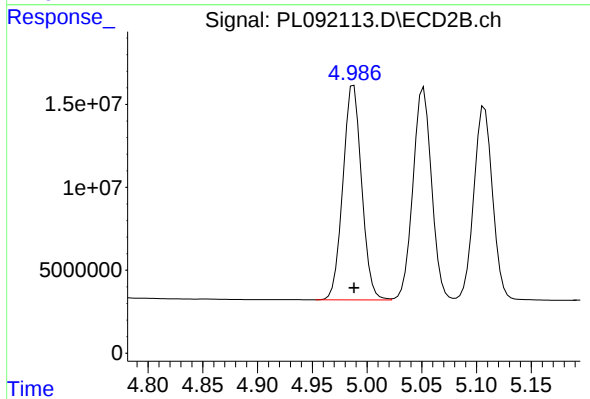
#9 Endosulfan I

R.T.: 5.107 min  
Delta R.T.: 0.000 min  
Response: 139350017  
Conc: 50.77 ng/ml



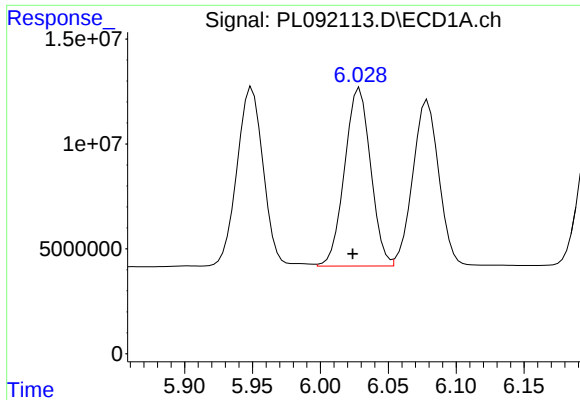
#10 gamma-Chlordane

R.T.: 5.950 min  
Delta R.T.: 0.005 min  
Response: 116105171  
Conc: 46.98 ng/ml



#10 gamma-Chlordane

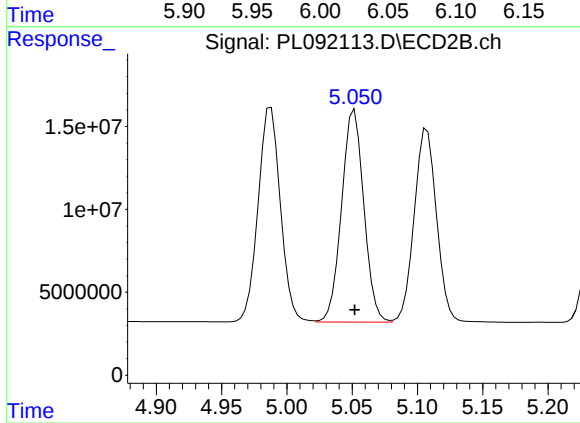
R.T.: 4.988 min  
Delta R.T.: 0.000 min  
Response: 153815012  
Conc: 51.13 ng/ml



#11 alpha-Chlordane

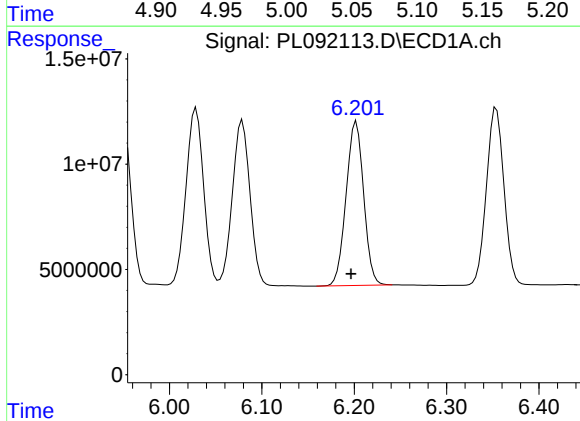
R.T.: 6.029 min  
Delta R.T.: 0.005 min  
Response: 113333189  
Conc: 46.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163660BS



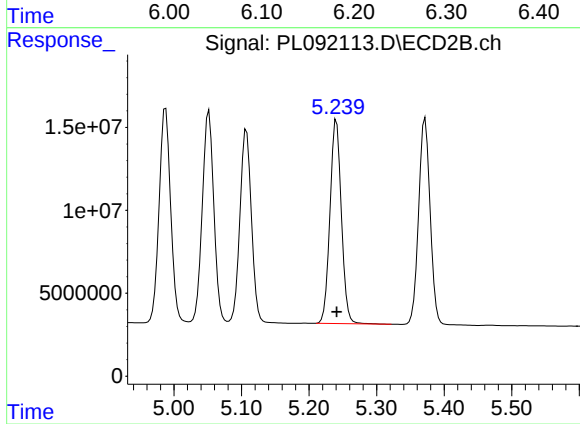
#11 alpha-Chlordane

R.T.: 5.052 min  
Delta R.T.: 0.000 min  
Response: 151740070  
Conc: 50.69 ng/ml



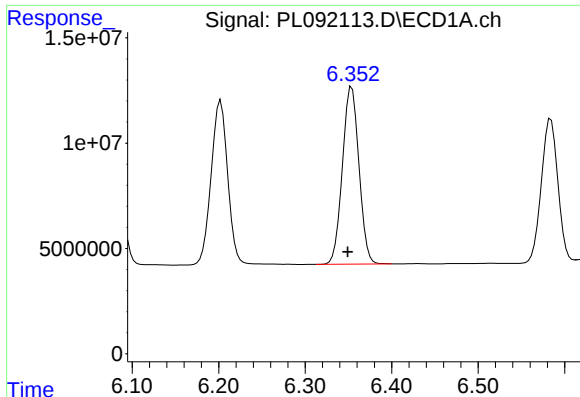
#12 4,4'-DDE

R.T.: 6.202 min  
Delta R.T.: 0.006 min  
Response: 102949312  
Conc: 47.56 ng/ml



#12 4,4'-DDE

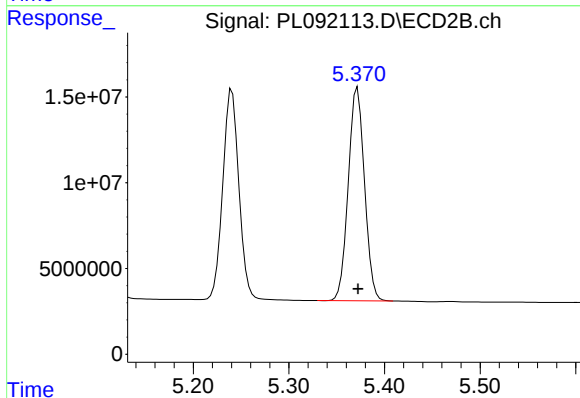
R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 144777586  
Conc: 52.10 ng/ml



#13 Dieldrin

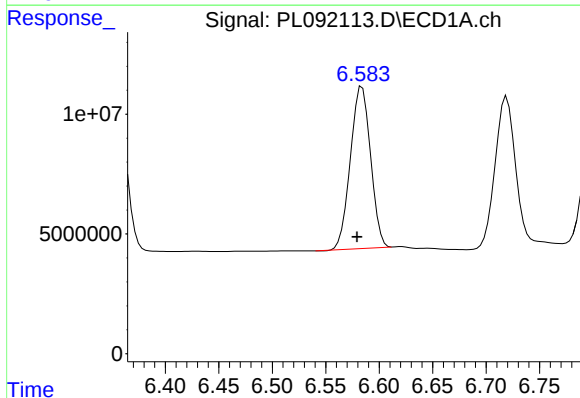
R.T.: 6.354 min  
Delta R.T.: 0.005 min  
Response: 111252653  
Conc: 45.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163660BS



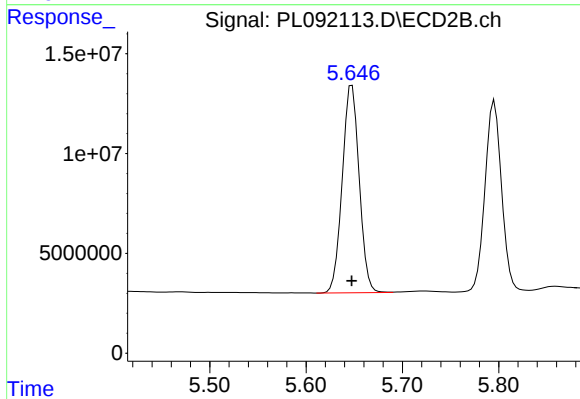
#13 Dieldrin

R.T.: 5.372 min  
Delta R.T.: 0.000 min  
Response: 147368261  
Conc: 50.26 ng/ml



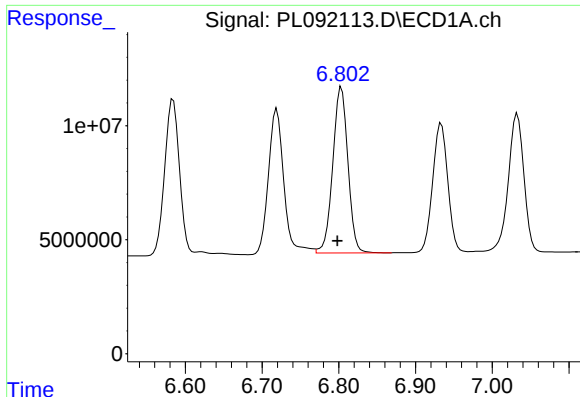
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: 0.005 min  
Response: 89074163  
Conc: 43.23 ng/ml



#14 Endrin

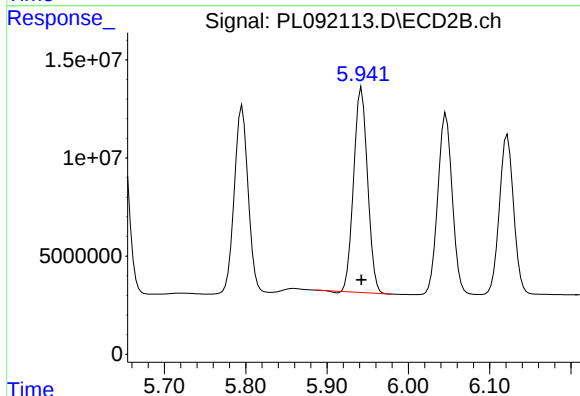
R.T.: 5.648 min  
Delta R.T.: 0.000 min  
Response: 126616831  
Conc: 48.29 ng/ml



#15 Endosulfan II

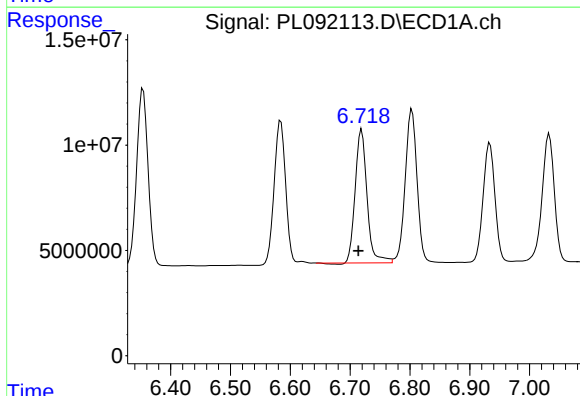
R.T.: 6.803 min  
Delta R.T.: 0.005 min  
Response: 99868617  
Conc: 45.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163660BS



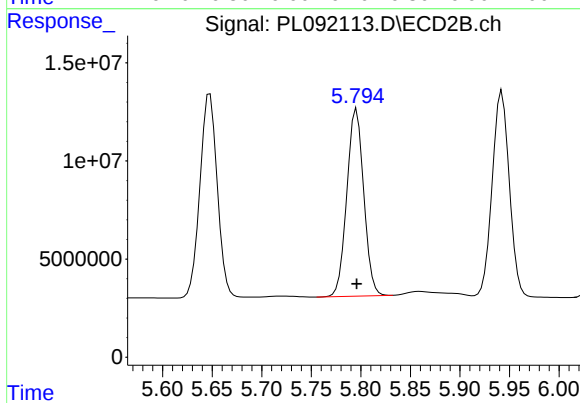
#15 Endosulfan II

R.T.: 5.942 min  
Delta R.T.: 0.000 min  
Response: 123455308  
Conc: 49.33 ng/ml



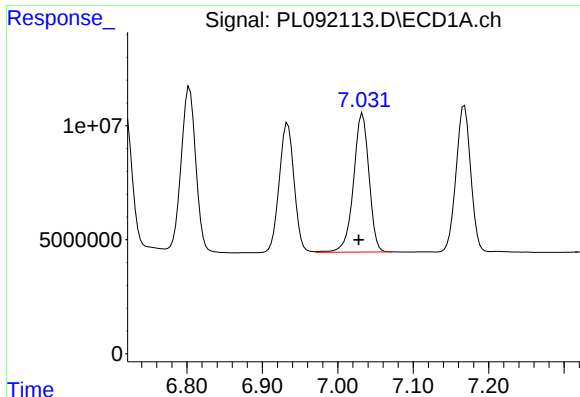
#16 4,4'-DDD

R.T.: 6.719 min  
Delta R.T.: 0.005 min  
Response: 86688164  
Conc: 48.27 ng/ml



#16 4,4'-DDD

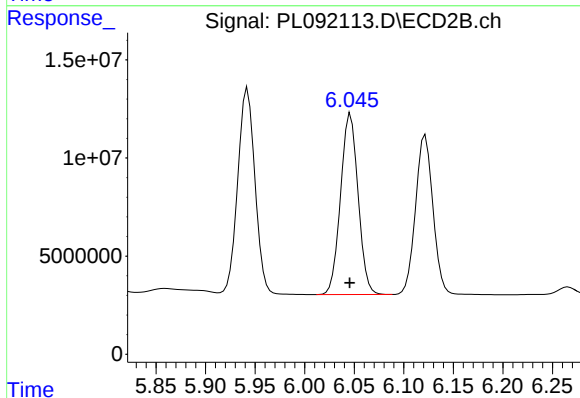
R.T.: 5.796 min  
Delta R.T.: 0.000 min  
Response: 113447881  
Conc: 53.11 ng/ml



#17 4,4'-DDT

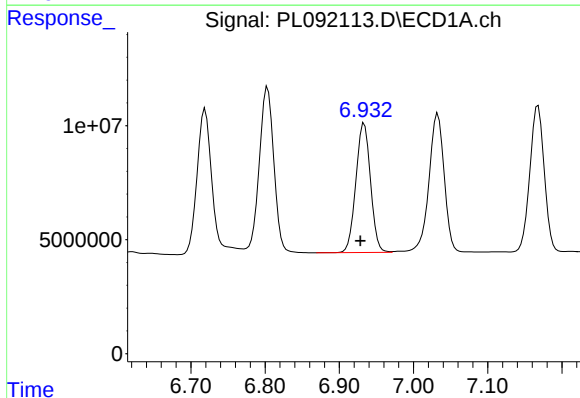
R.T.: 7.033 min  
Delta R.T.: 0.005 min  
Response: 86847040  
Conc: 47.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163660BS



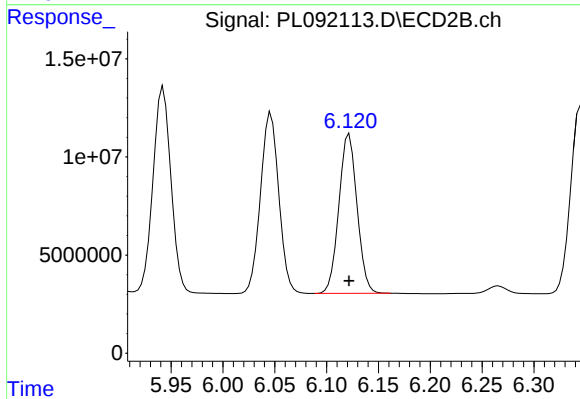
#17 4,4'-DDT

R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 113445125  
Conc: 49.04 ng/ml



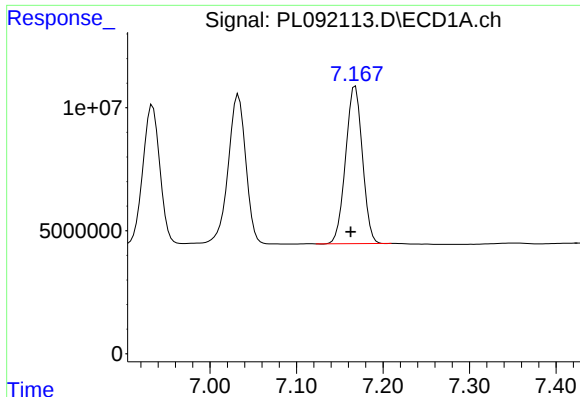
#18 Endrin aldehyde

R.T.: 6.934 min  
Delta R.T.: 0.005 min  
Response: 77717145  
Conc: 44.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 99088087  
Conc: 48.56 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.168 min  
Delta R.T.: 0.005 min  
Response: 85923594  
Conc: 43.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163660BS

#19 Endosulfan Sulfate

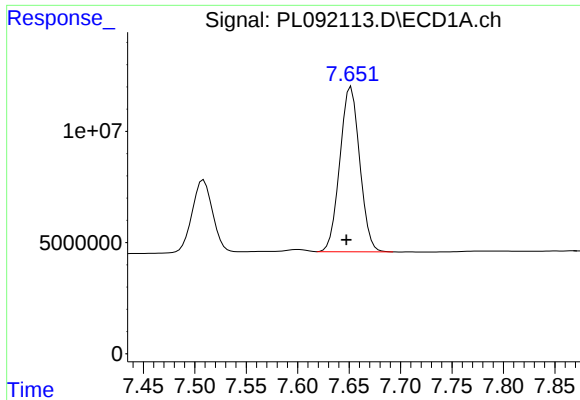
R.T.: 6.345 min  
Delta R.T.: 0.000 min  
Response: 115106597  
Conc: 47.71 ng/ml

#20 Methoxychlor

R.T.: 7.509 min  
Delta R.T.: 0.005 min  
Response: 45282395  
Conc: 46.13 ng/ml

#20 Methoxychlor

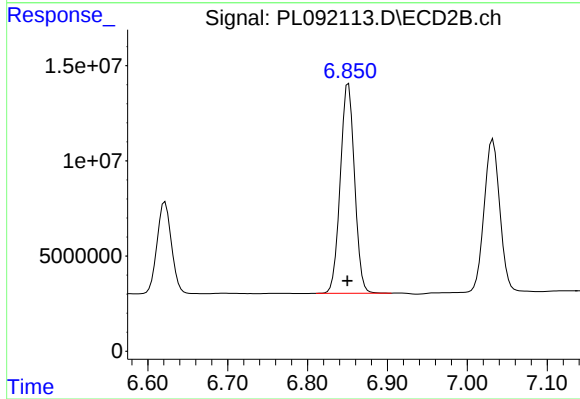
R.T.: 6.622 min  
Delta R.T.: 0.000 min  
Response: 60283842  
Conc: 48.21 ng/ml



#21 Endrin ketone

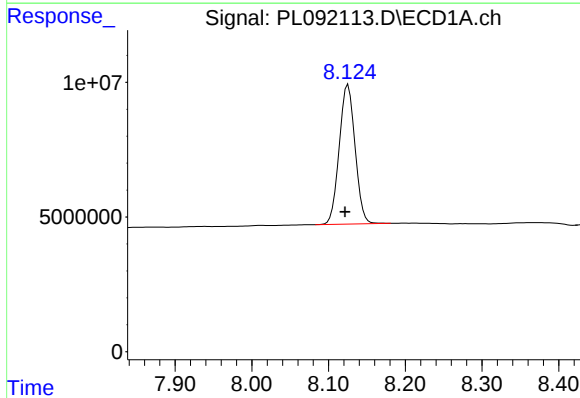
R.T.: 7.652 min  
Delta R.T.: 0.004 min  
Response: 99727274  
Conc: 45.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163660BS



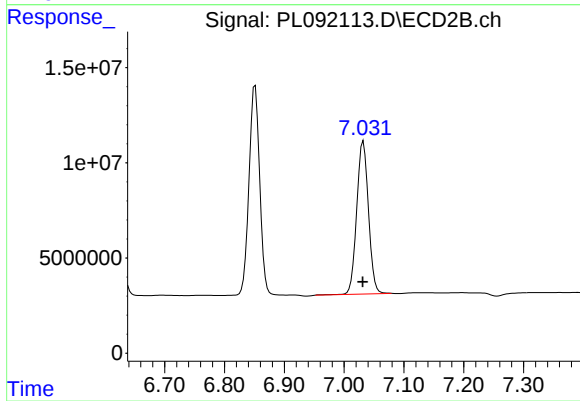
#21 Endrin ketone

R.T.: 6.851 min  
Delta R.T.: 0.001 min  
Response: 136475693  
Conc: 49.29 ng/ml



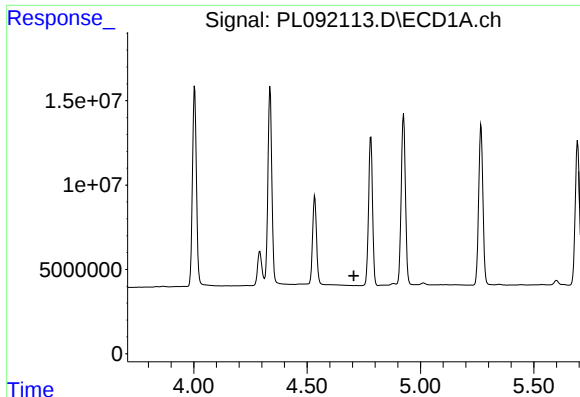
#22 Mirex

R.T.: 8.125 min  
Delta R.T.: 0.004 min  
Response: 74458521  
Conc: 41.34 ng/ml



#22 Mirex

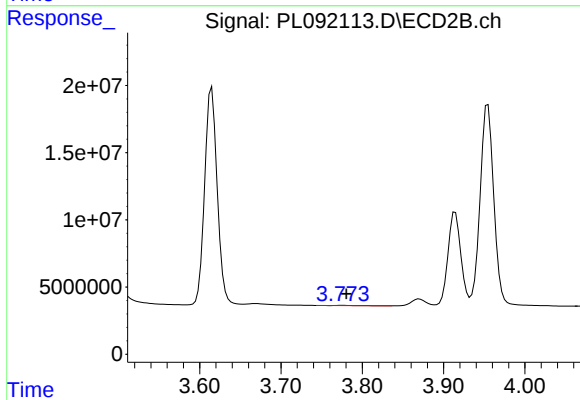
R.T.: 7.032 min  
Delta R.T.: 0.000 min  
Response: 109798105  
Conc: 45.14 ng/ml



#23 Chlordane-1

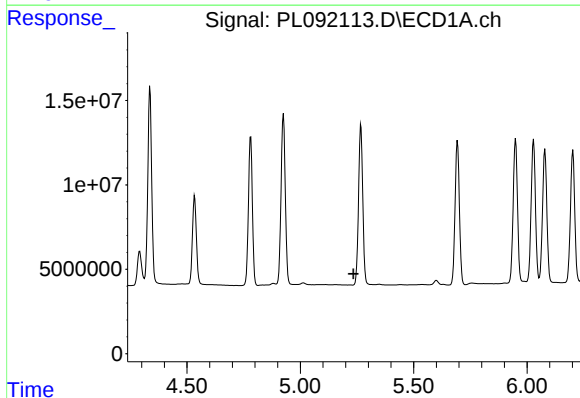
R.T.: 0.000 min  
Exp R.T.: 4.706 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB163660BS



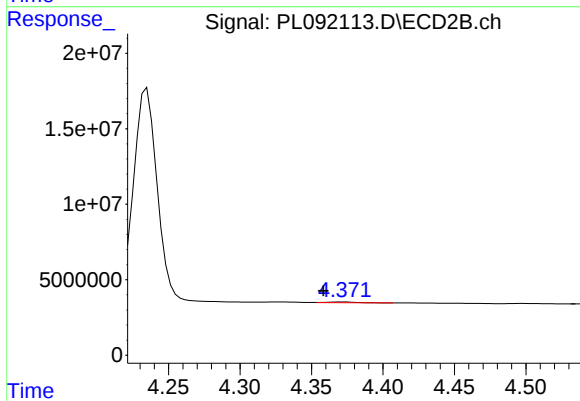
#23 Chlordane-1

R.T.: 3.774 min  
Delta R.T.: -0.006 min  
Response: 131673  
Conc: 1.32 ng/ml



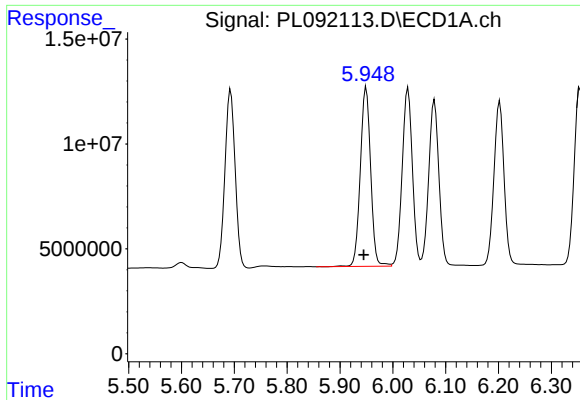
#24 Chlordane-2

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



#24 Chlordane-2

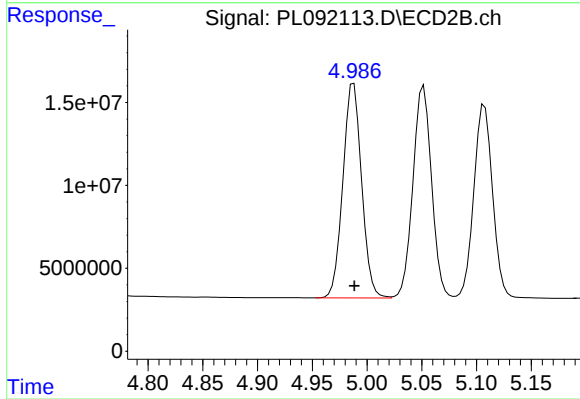
R.T.: 4.372 min  
Delta R.T.: 0.014 min  
Response: 626813  
Conc: 5.59 ng/ml



#25 Chlordane-3

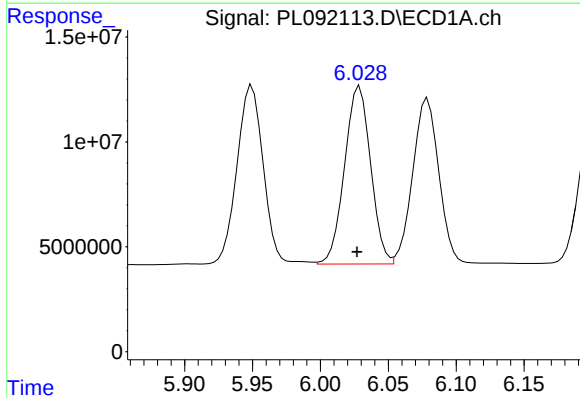
R.T.: 5.950 min  
Delta R.T.: 0.005 min  
Response: 116105171  
Conc: 309.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163660BS



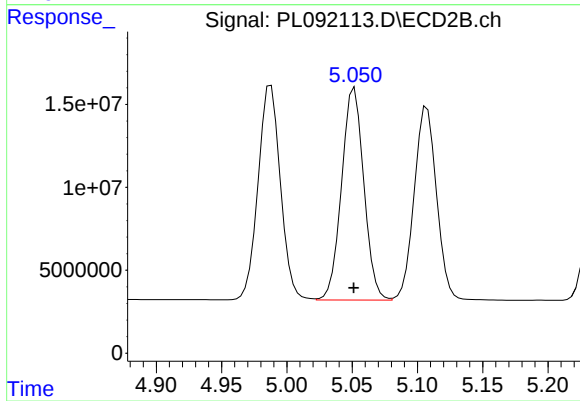
#25 Chlordane-3

R.T.: 4.988 min  
Delta R.T.: 0.000 min  
Response: 153815012  
Conc: 464.38 ng/ml



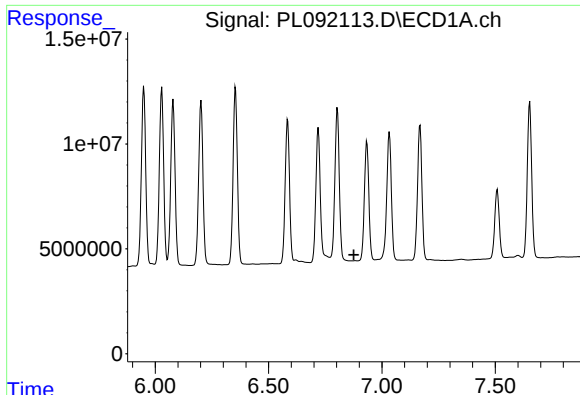
#26 Chlordane-4

R.T.: 6.029 min  
Delta R.T.: 0.002 min  
Response: 113333189  
Conc: 250.27 ng/ml



#26 Chlordane-4

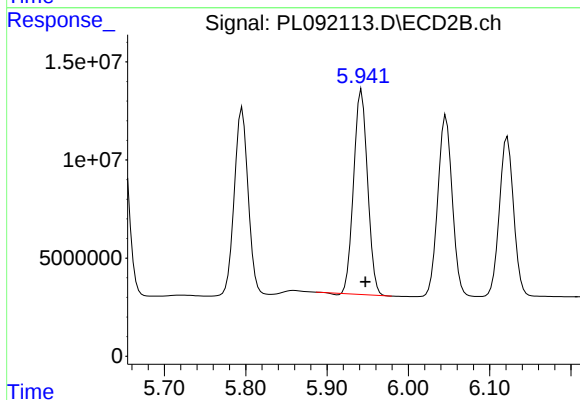
R.T.: 5.052 min  
Delta R.T.: 0.000 min  
Response: 151740070  
Conc: 478.25 ng/ml



#27 Chlordane-5

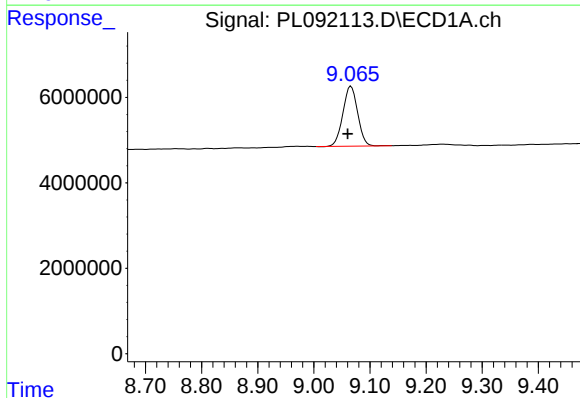
R.T.: 0.000 min  
Exp R.T.: 6.876 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB163660BS



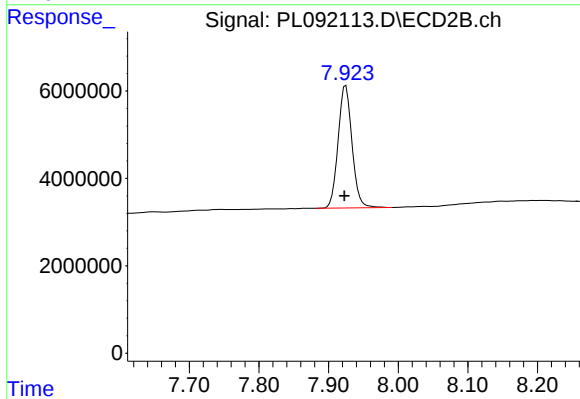
#27 Chlordane-5

R.T.: 5.942 min  
Delta R.T.: -0.005 min  
Response: 123455308  
Conc: 1138.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min  
Delta R.T.: 0.006 min  
Response: 25646316  
Conc: 15.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.925 min  
Delta R.T.: 0.002 min  
Response: 38923148  
Conc: 15.56 ng/ml