

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110724\  
 Data File : PL092898.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Nov 2024 14:06  
 Operator : AR\AJ  
 Sample : PB164749BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB164749BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 07 23:49:35 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 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... | 3.542  | 2.778 | 44578407 | 46075760 | 18.194   | 16.932     |
| 2)                          | SA Decachlor... | 9.058  | 7.917 | 37068491 | 52134507 | 19.261   | 19.102     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.998  | 3.281 | 159.1E6  | 193.2E6  | 46.920   | 48.430     |
| 3)                          | MA gamma-BHC... | 4.331  | 3.610 | 150.5E6  | 185.8E6  | 46.182   | 48.133     |
| 4)                          | MA Heptachlor   | 4.920  | 3.950 | 145.1E6  | 193.0E6  | 48.302   | 51.139     |
| 5)                          | MB Aldrin       | 5.261  | 4.230 | 137.7E6  | 178.5E6  | 45.872   | 48.772     |
| 6)                          | B beta-BHC      | 4.528  | 3.911 | 69464592 | 82715732 | 48.057   | 50.245     |
| 7)                          | B delta-BHC     | 4.776  | 4.140 | 133.8E6  | 165.2E6  | 42.760   | 42.991     |
| 8)                          | B Heptachlo...  | 5.687  | 4.733 | 128.6E6  | 167.7E6  | 46.557   | 50.198     |
| 9)                          | A Endosulfan I  | 6.073  | 5.103 | 119.6E6  | 157.0E6  | 47.819   | 51.435     |
| 10)                         | B gamma-Chl...  | 5.943  | 4.983 | 128.3E6  | 173.2E6  | 48.229   | 51.517     |
| 11)                         | B alpha-Chl...  | 6.022  | 5.046 | 127.7E6  | 170.8E6  | 48.241   | 51.366     |
| 12)                         | B 4,4'-DDE      | 6.195  | 5.236 | 115.8E6  | 166.7E6  | 48.886   | 51.745     |
| 13)                         | MA Dieldrin     | 6.347  | 5.367 | 126.6E6  | 172.5E6  | 48.029   | 51.656     |
| 14)                         | MA Endrin       | 6.577  | 5.642 | 105.5E6  | 154.5E6  | 46.346   | 53.419     |
| 15)                         | B Endosulfa...  | 6.798  | 5.937 | 113.0E6  | 150.4E6  | 47.413   | 53.096     |
| 16)                         | A 4,4'-DDD      | 6.713  | 5.790 | 95496882 | 132.0E6  | 49.750   | 53.009     |
| 17)                         | MA 4,4'-DDT     | 7.027  | 6.041 | 103.8E6  | 142.4E6  | 50.130   | 53.077     |
| 18)                         | B Endrin al...  | 6.927  | 6.116 | 88645851 | 115.8E6  | 47.203   | 50.181     |
| 19)                         | B Endosulfa...  | 7.162  | 6.339 | 102.6E6  | 138.5E6  | 47.263   | 51.365     |
| 20)                         | A Methoxychlor  | 7.503  | 6.616 | 55732493 | 73429800 | 48.888   | 51.420     |
| 21)                         | B Endrin ke...  | 7.647  | 6.845 | 114.8E6  | 159.2E6  | 47.380   | 51.888     |
| 22)                         | Mirex           | 8.120  | 7.025 | 82282745 | 114.2E6  | 41.521   | 43.757     |
| 23)                         | Chlordane-1     | 0.000  | 3.774 | 0        | 59913    | N.D.     | 0.564 #    |
| 24)                         | Chlordane-2     | 5.261f | 4.369 | 137.7E6  | 715493   | 1201.276 | 5.777 #    |
| 25)                         | Chlordane-3     | 5.943  | 4.983 | 128.3E6  | 173.2E6  | 328.757  | 477.511 #  |
| 26)                         | Chlordane-4     | 6.022  | 5.046 | 127.7E6  | 170.8E6  | 267.252  | 488.387 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.937 | 0        | 150.4E6  | N.D.     | 1186.316 # |
| -----                       |                 |        |       |          |          |          |            |

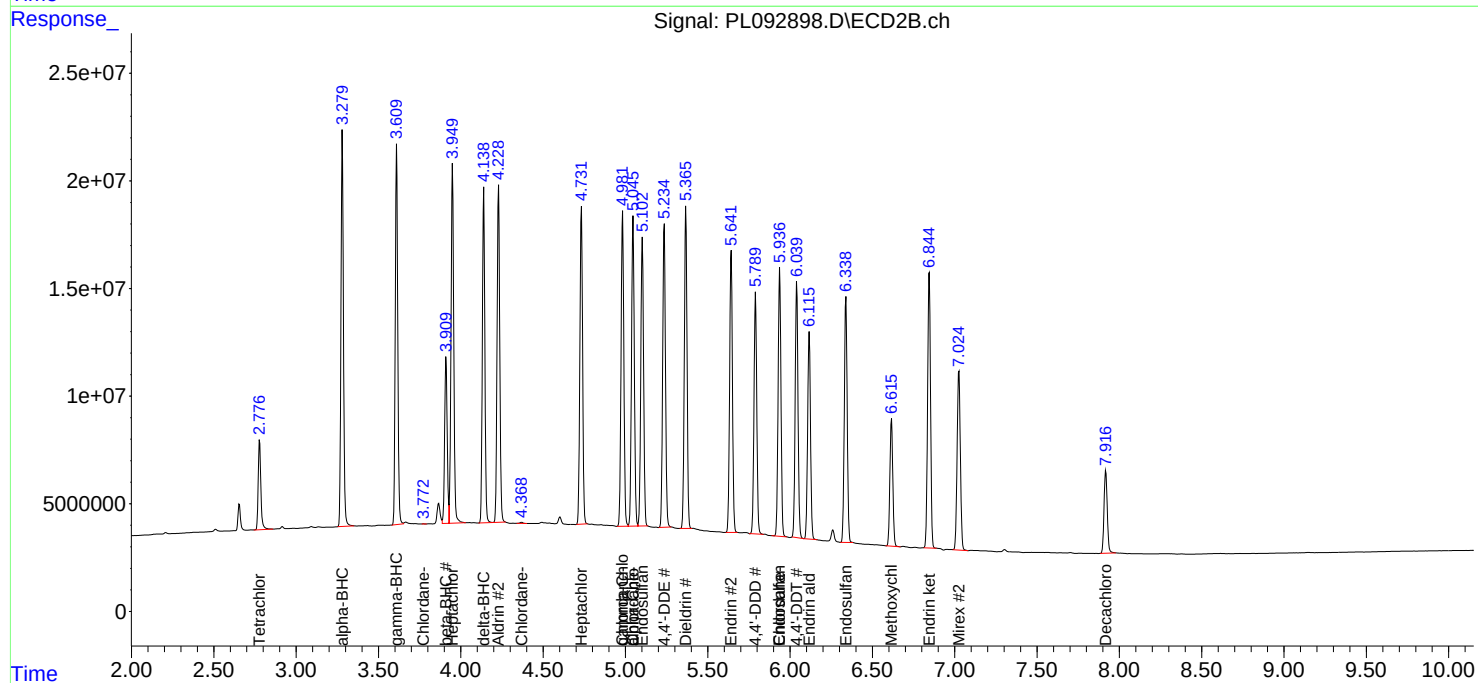
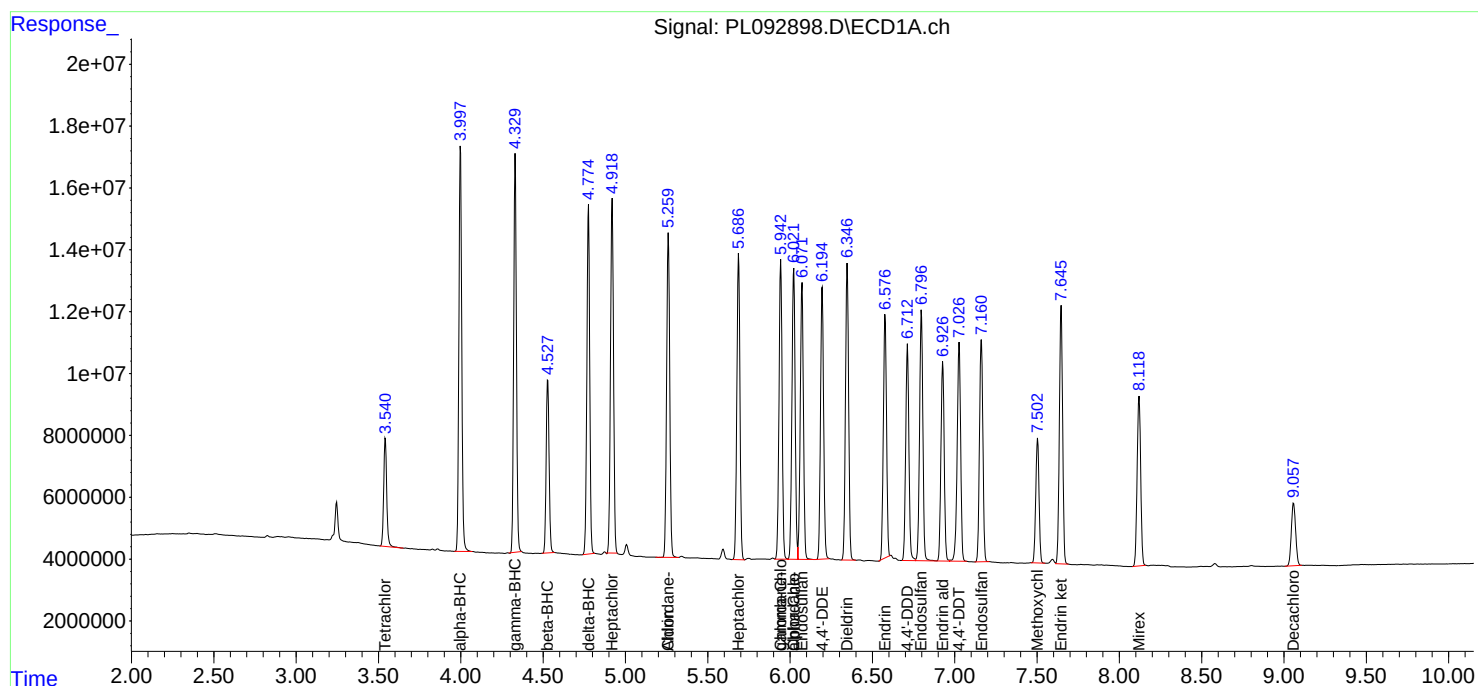
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

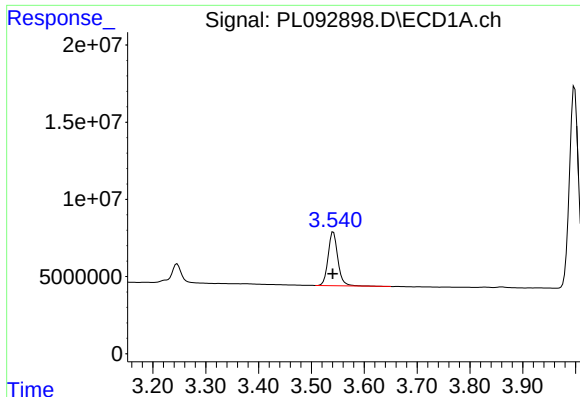
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110724\  
Data File : PL092898.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Nov 2024 14:06  
Operator : AR\AJ  
Sample : PB164749BS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB164749BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 07 23:49:35 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 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

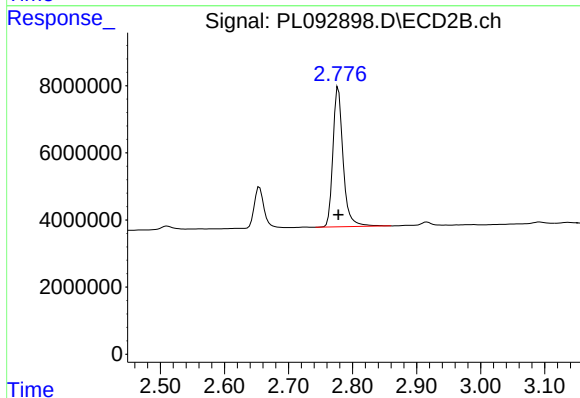




#1 Tetrachloro-m-xylene

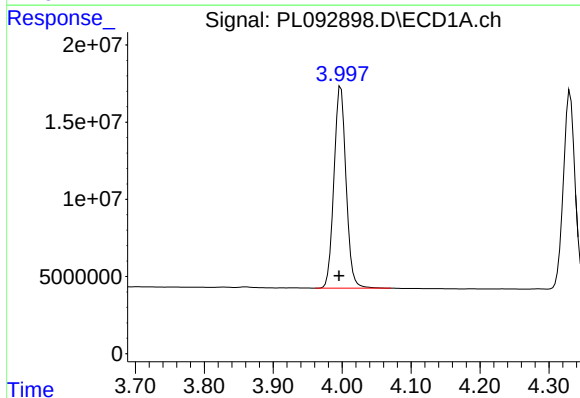
R.T.: 3.542 min  
Delta R.T.: 0.002 min  
Response: 44578407  
Conc: 18.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164749BS



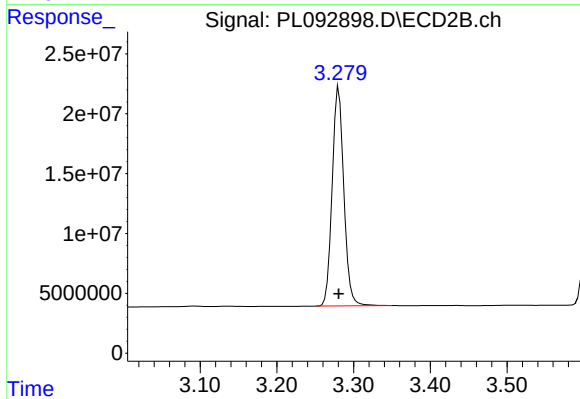
#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 46075760  
Conc: 16.93 ng/ml



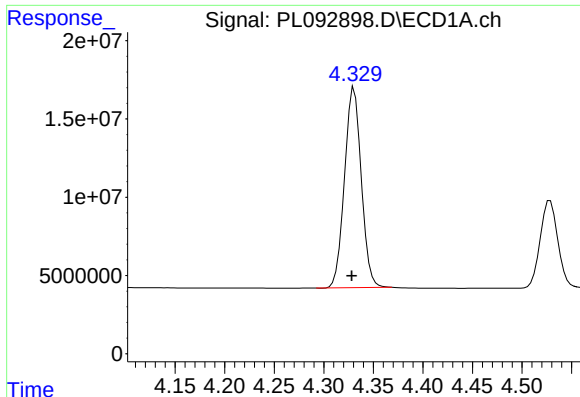
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: 0.002 min  
Response: 159133999  
Conc: 46.92 ng/ml



#2 alpha-BHC

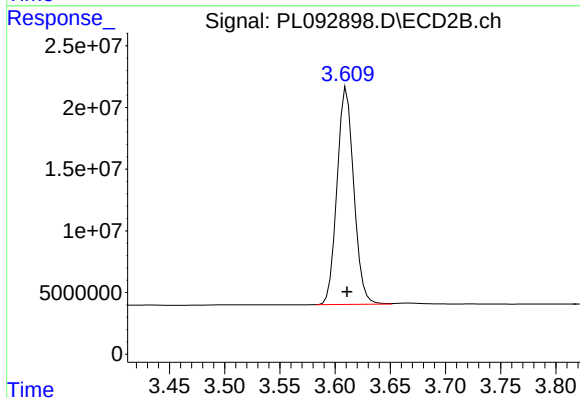
R.T.: 3.281 min  
Delta R.T.: 0.000 min  
Response: 193242023  
Conc: 48.43 ng/ml



#3 gamma-BHC (Lindane)

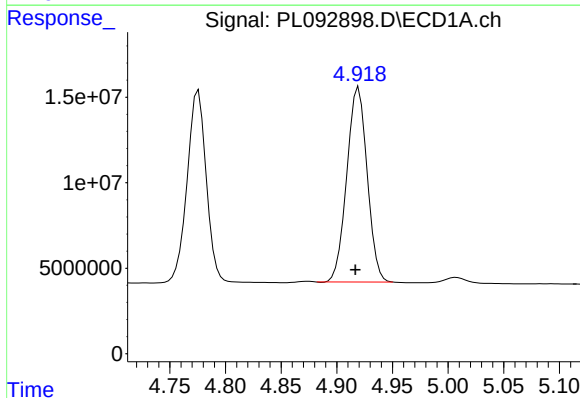
R.T.: 4.331 min  
Delta R.T.: 0.003 min  
Response: 150534121  
Conc: 46.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164749BS



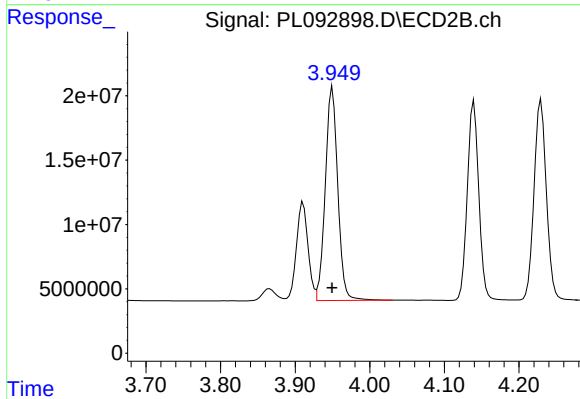
#3 gamma-BHC (Lindane)

R.T.: 3.610 min  
Delta R.T.: 0.000 min  
Response: 185765166  
Conc: 48.13 ng/ml



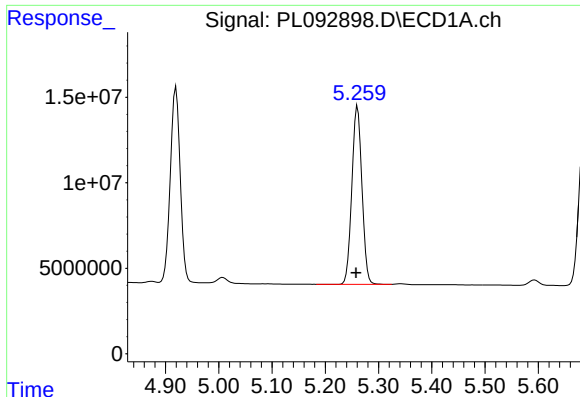
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: 0.003 min  
Response: 145055363  
Conc: 48.30 ng/ml



#4 Heptachlor

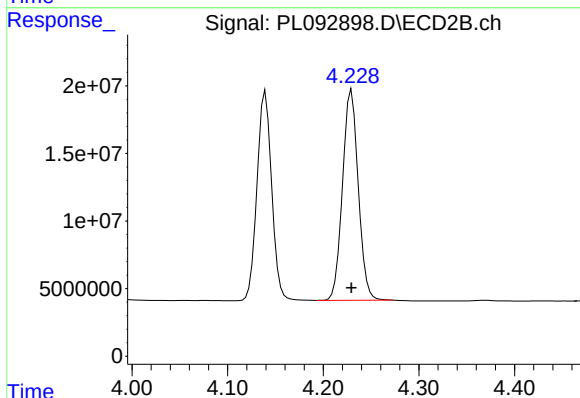
R.T.: 3.950 min  
Delta R.T.: 0.000 min  
Response: 192993618  
Conc: 51.14 ng/ml



#5 Aldrin

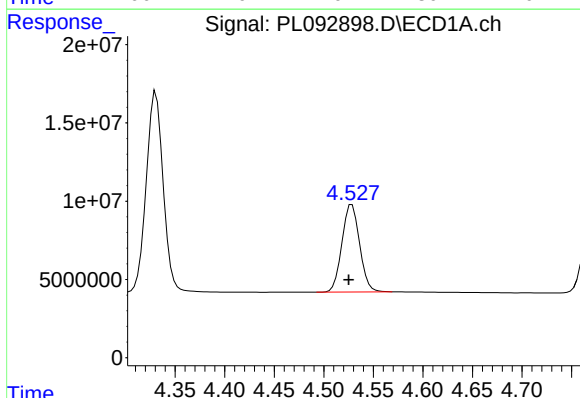
R.T.: 5.261 min  
Delta R.T.: 0.003 min  
Response: 137682862  
Conc: 45.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164749BS



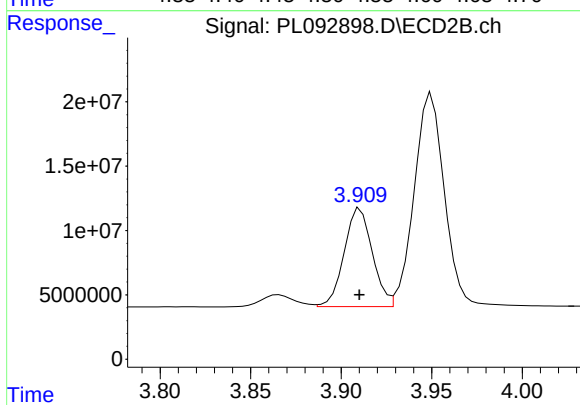
#5 Aldrin

R.T.: 4.230 min  
Delta R.T.: 0.000 min  
Response: 178515439  
Conc: 48.77 ng/ml



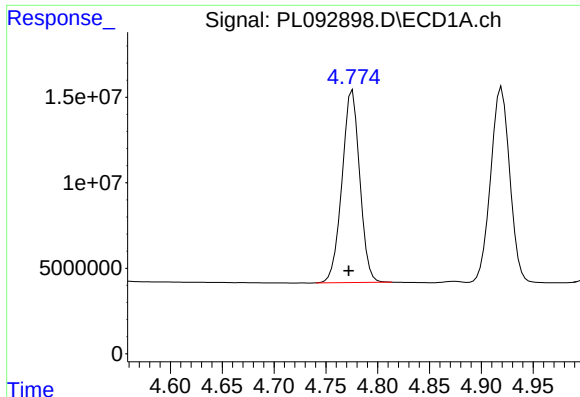
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.003 min  
Response: 69464592  
Conc: 48.06 ng/ml



#6 beta-BHC

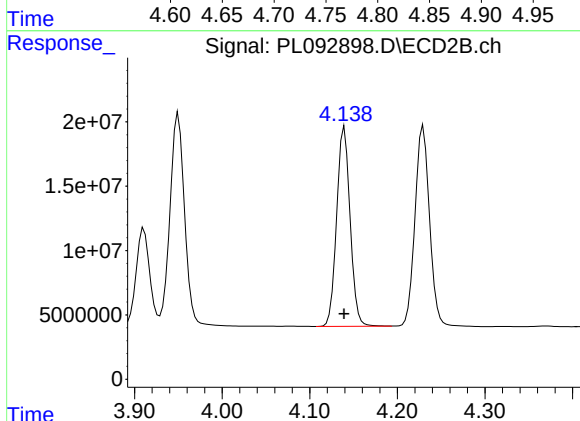
R.T.: 3.911 min  
Delta R.T.: 0.000 min  
Response: 82715732  
Conc: 50.24 ng/ml



#7 delta-BHC

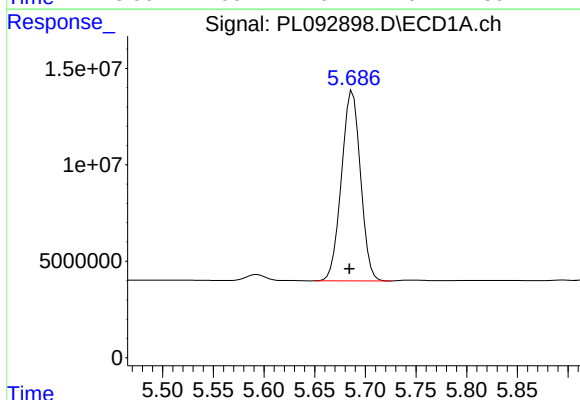
R.T.: 4.776 min  
Delta R.T.: 0.004 min  
Response: 133833123  
Conc: 42.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164749BS



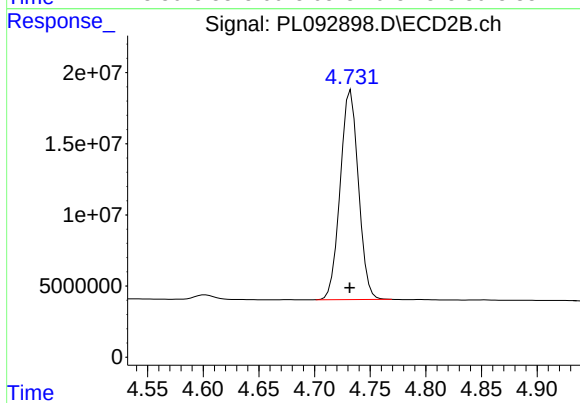
#7 delta-BHC

R.T.: 4.140 min  
Delta R.T.: 0.000 min  
Response: 165220752  
Conc: 42.99 ng/ml



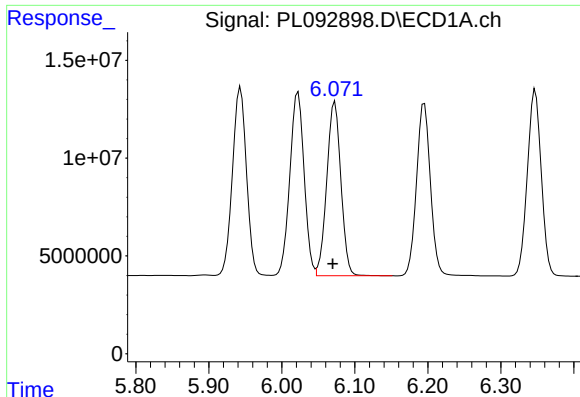
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: 0.003 min  
Response: 128561994  
Conc: 46.56 ng/ml



#8 Heptachlor epoxide

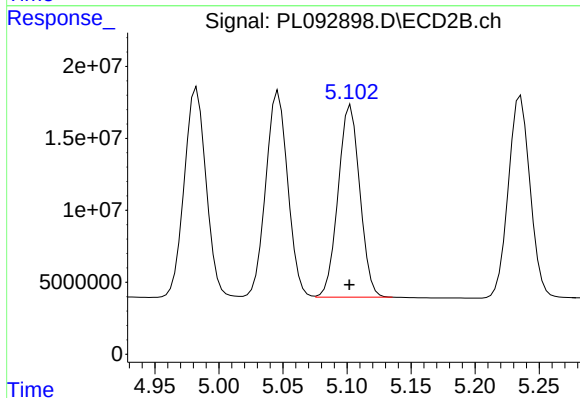
R.T.: 4.733 min  
Delta R.T.: 0.000 min  
Response: 167731796  
Conc: 50.20 ng/ml



#9 Endosulfan I

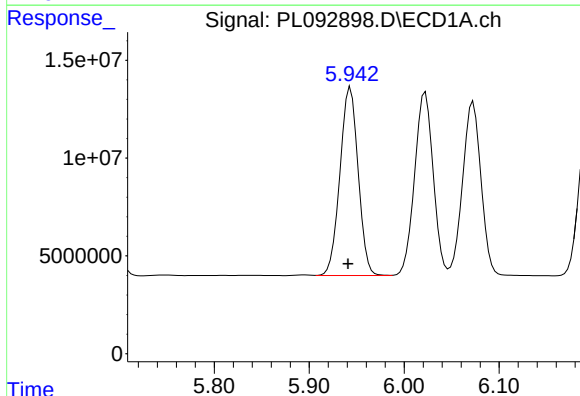
R.T.: 6.073 min  
Delta R.T.: 0.003 min  
Response: 119613465  
Conc: 47.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164749BS



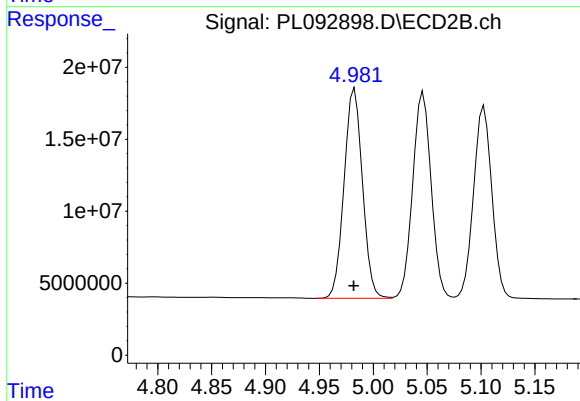
#9 Endosulfan I

R.T.: 5.103 min  
Delta R.T.: 0.001 min  
Response: 157038144  
Conc: 51.43 ng/ml



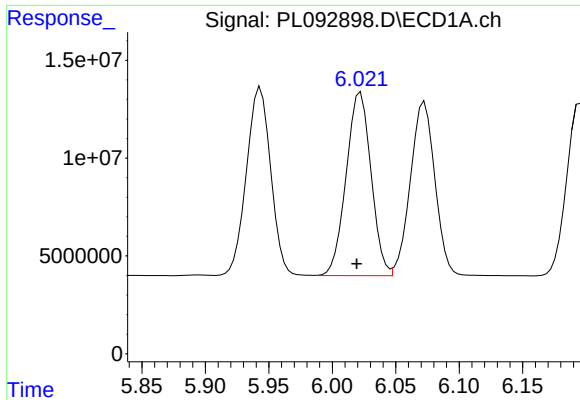
#10 gamma-Chlordane

R.T.: 5.943 min  
Delta R.T.: 0.003 min  
Response: 128319080  
Conc: 48.23 ng/ml



#10 gamma-Chlordane

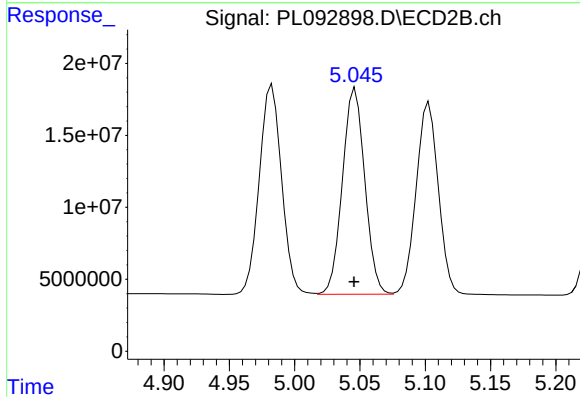
R.T.: 4.983 min  
Delta R.T.: 0.000 min  
Response: 173185040  
Conc: 51.52 ng/ml



#11 alpha-Chlordane

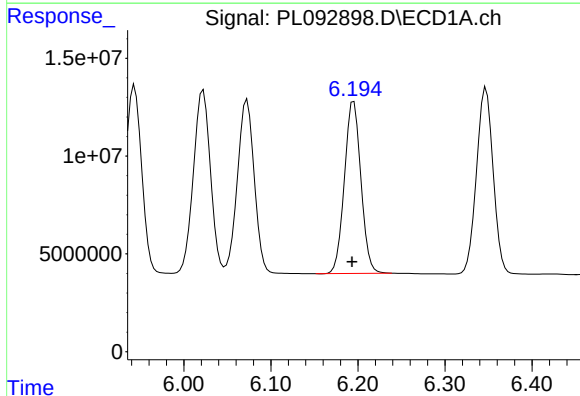
R.T.: 6.022 min  
Delta R.T.: 0.003 min  
Response: 127748110  
Conc: 48.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164749BS



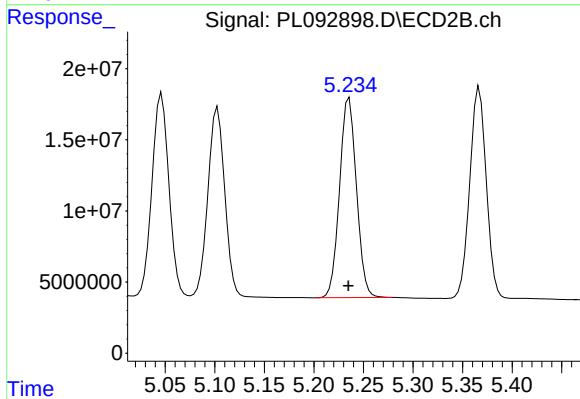
#11 alpha-Chlordane

R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 170844473  
Conc: 51.37 ng/ml



#12 4,4'-DDE

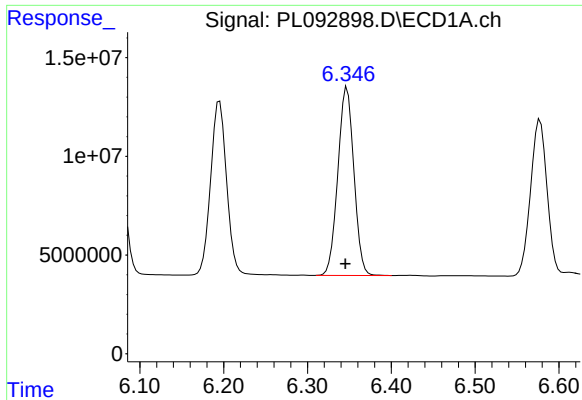
R.T.: 6.195 min  
Delta R.T.: 0.002 min  
Response: 115820373  
Conc: 48.89 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min  
Delta R.T.: 0.000 min  
Response: 166703629  
Conc: 51.75 ng/ml

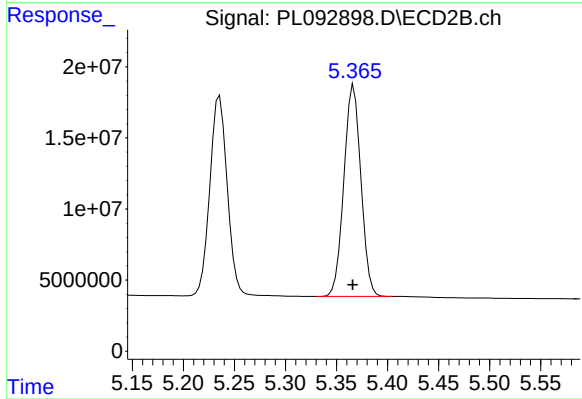




#13 Dieldrin

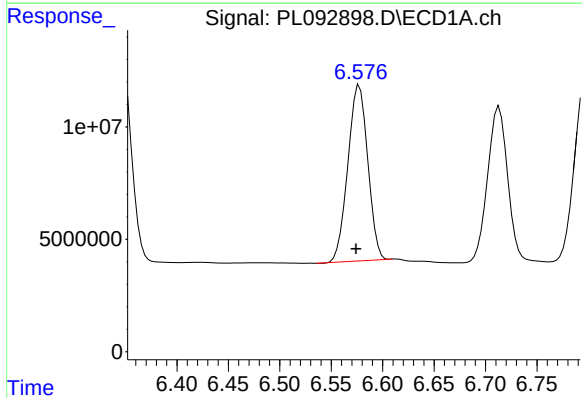
R.T.: 6.347 min  
Delta R.T.: 0.002 min  
Response: 126579338  
Conc: 48.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164749BS



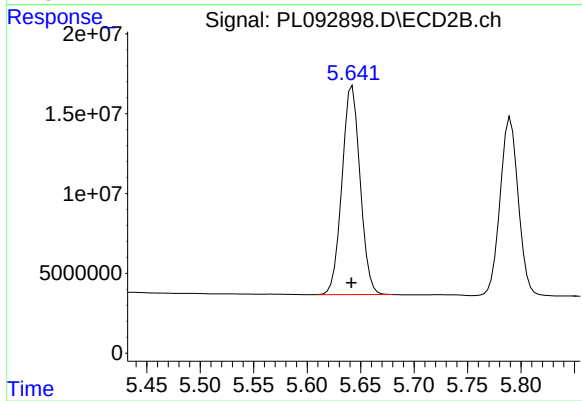
#13 Dieldrin

R.T.: 5.367 min  
Delta R.T.: 0.001 min  
Response: 172545416  
Conc: 51.66 ng/ml



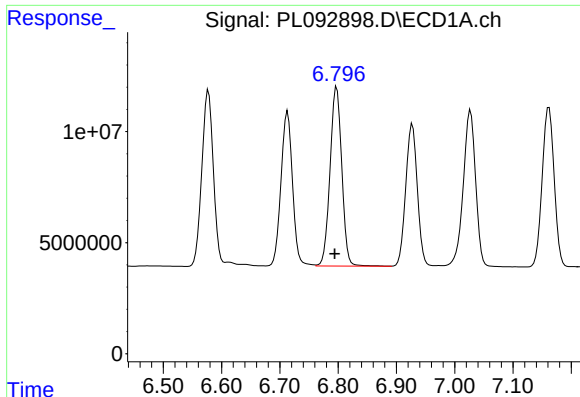
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: 0.003 min  
Response: 105513763  
Conc: 46.35 ng/ml



#14 Endrin

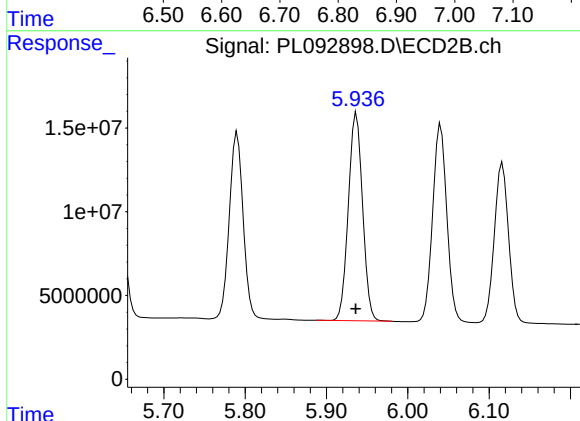
R.T.: 5.642 min  
Delta R.T.: 0.000 min  
Response: 154540761  
Conc: 53.42 ng/ml



#15 Endosulfan II

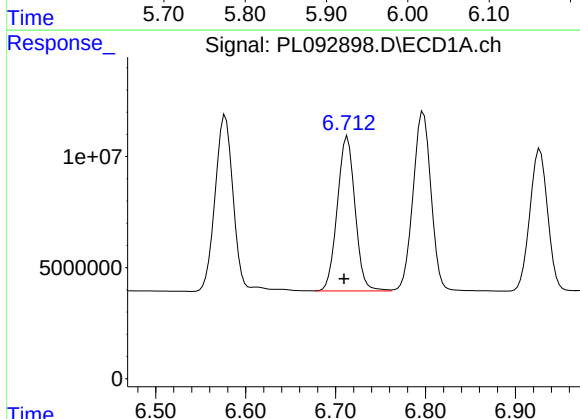
R.T.: 6.798 min  
Delta R.T.: 0.004 min  
Response: 113024981  
Conc: 47.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164749BS



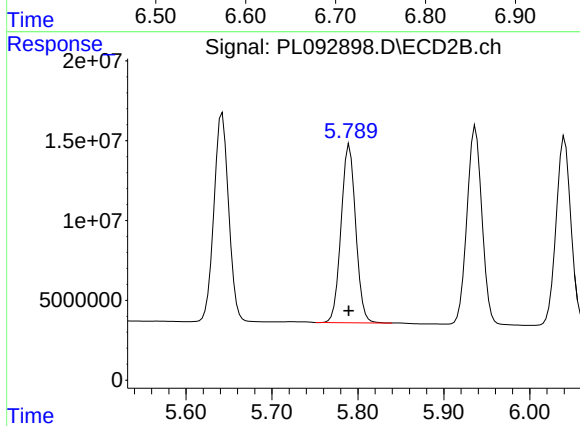
#15 Endosulfan II

R.T.: 5.937 min  
Delta R.T.: 0.000 min  
Response: 150434338  
Conc: 53.10 ng/ml



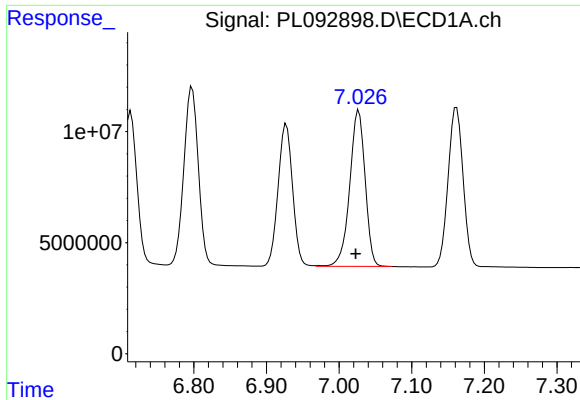
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: 0.004 min  
Response: 95496882  
Conc: 49.75 ng/ml



#16 4,4'-DDD

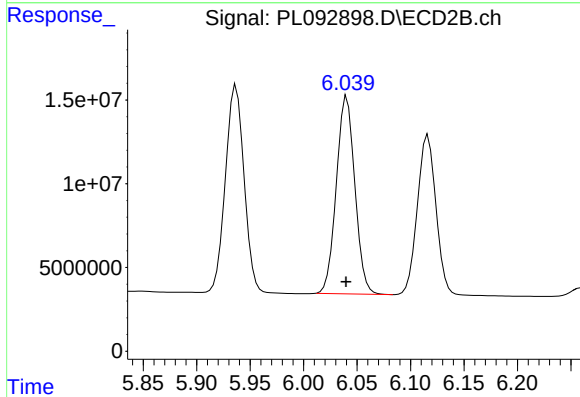
R.T.: 5.790 min  
Delta R.T.: 0.000 min  
Response: 131996793  
Conc: 53.01 ng/ml



#17 4,4'-DDT

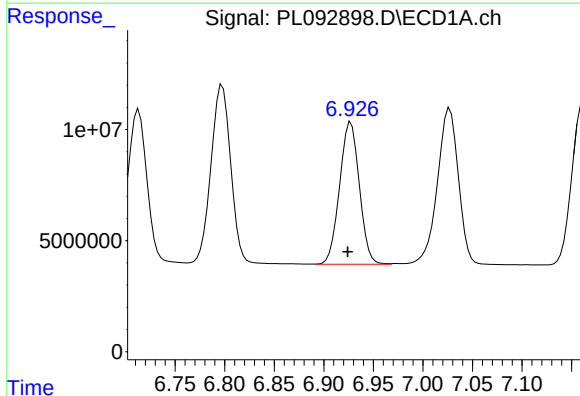
R.T.: 7.027 min  
Delta R.T.: 0.004 min  
Response: 103757539  
Conc: 50.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164749BS



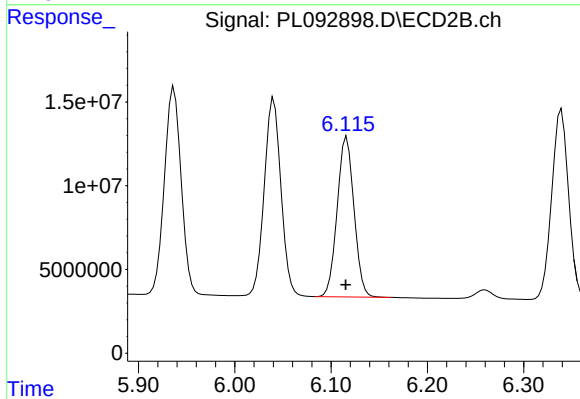
#17 4,4'-DDT

R.T.: 6.041 min  
Delta R.T.: 0.000 min  
Response: 142367147  
Conc: 53.08 ng/ml



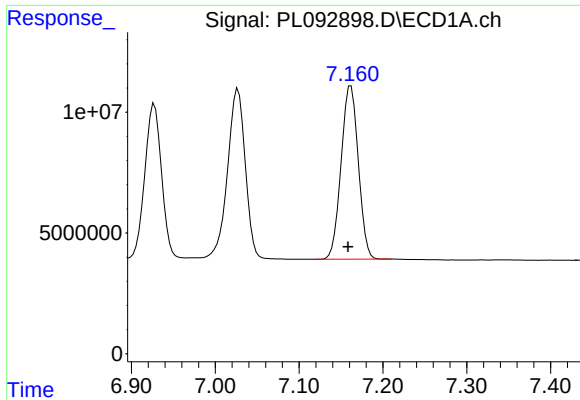
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: 0.003 min  
Response: 88645851  
Conc: 47.20 ng/ml



#18 Endrin aldehyde

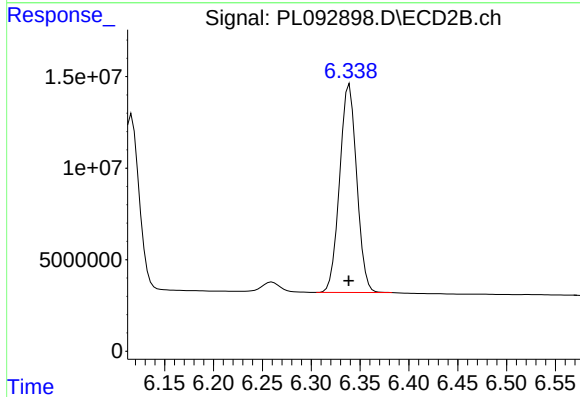
R.T.: 6.116 min  
Delta R.T.: 0.001 min  
Response: 115780604  
Conc: 50.18 ng/ml



#19 Endosulfan Sulfate

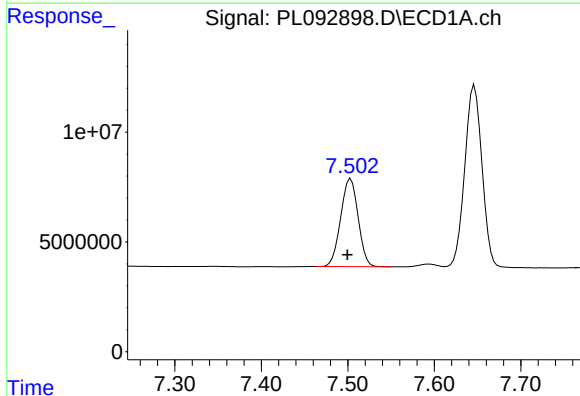
R.T.: 7.162 min  
Delta R.T.: 0.004 min  
Response: 102577680  
Conc: 47.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164749BS



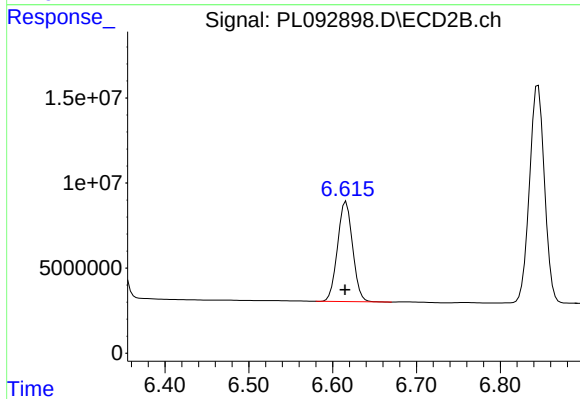
#19 Endosulfan Sulfate

R.T.: 6.339 min  
Delta R.T.: 0.000 min  
Response: 138524444  
Conc: 51.36 ng/ml



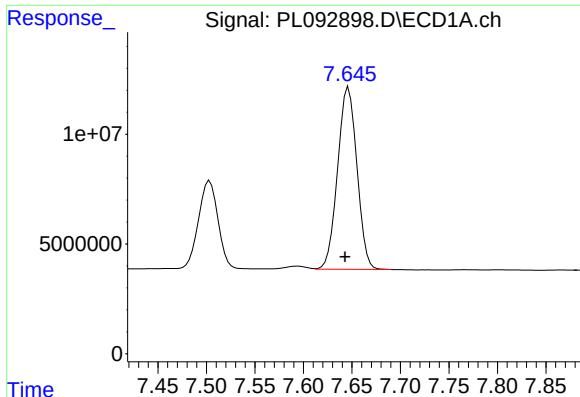
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: 0.004 min  
Response: 55732493  
Conc: 48.89 ng/ml



#20 Methoxychlor

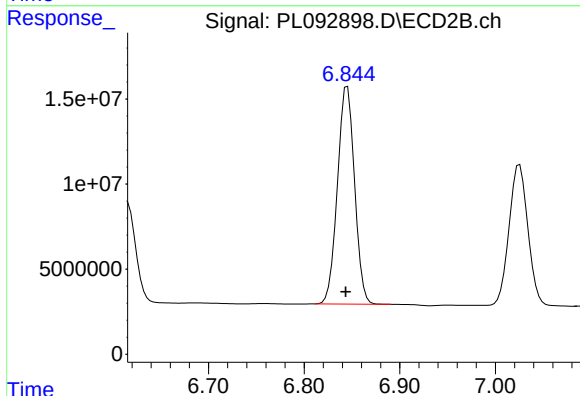
R.T.: 6.616 min  
Delta R.T.: 0.001 min  
Response: 73429800  
Conc: 51.42 ng/ml



#21 Endrin ketone

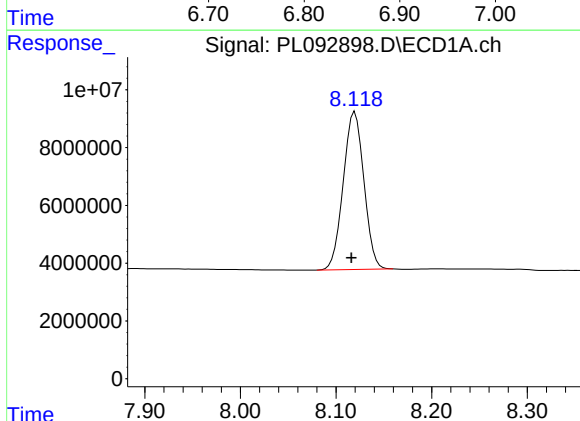
R.T.: 7.647 min  
Delta R.T.: 0.003 min  
Response: 114792232  
Conc: 47.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164749BS



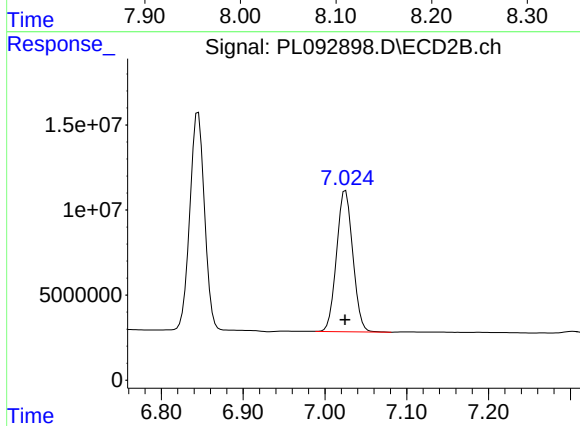
#21 Endrin ketone

R.T.: 6.845 min  
Delta R.T.: 0.002 min  
Response: 159235014  
Conc: 51.89 ng/ml



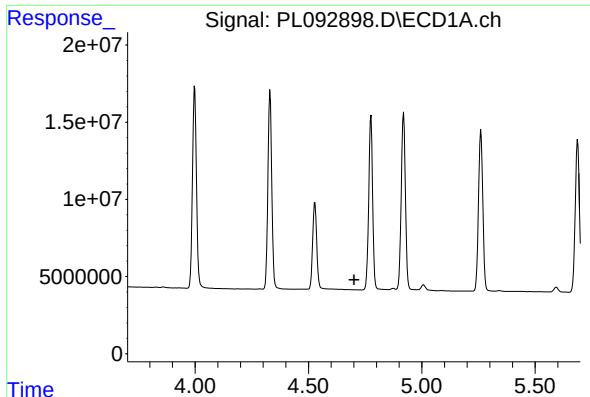
#22 Mirex

R.T.: 8.120 min  
Delta R.T.: 0.004 min  
Response: 82282745  
Conc: 41.52 ng/ml



#22 Mirex

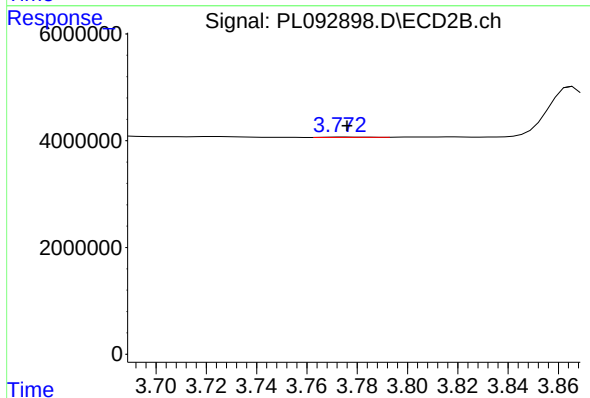
R.T.: 7.025 min  
Delta R.T.: 0.000 min  
Response: 114165515  
Conc: 43.76 ng/ml



#23 Chlordane-1

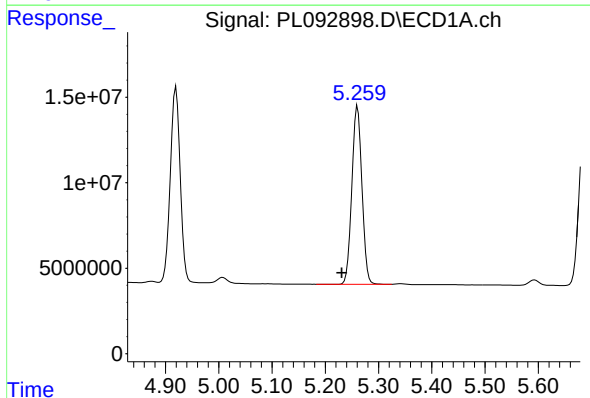
R.T.: 0.000 min  
Exp R.T.: 4.702 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB164749BS



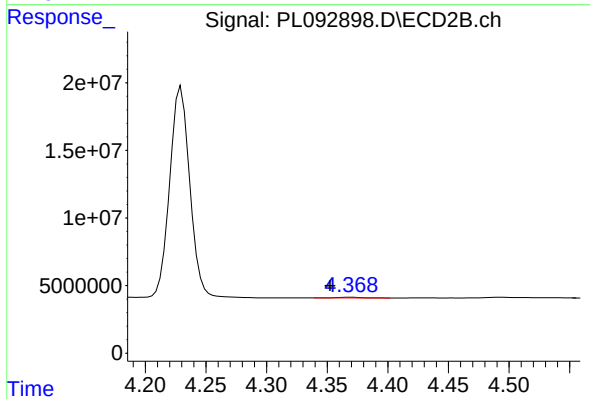
#23 Chlordane-1

R.T.: 3.774 min  
Delta R.T.: -0.002 min  
Response: 59913  
Conc: 0.56 ng/ml



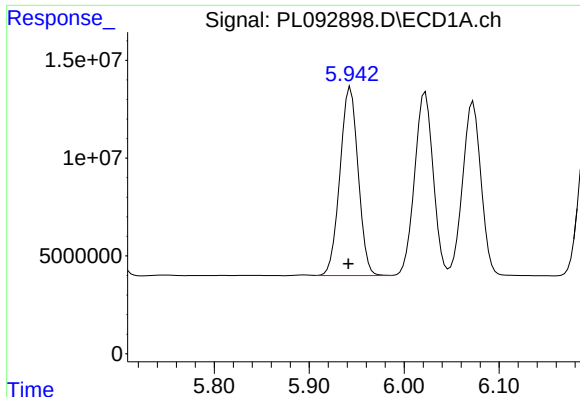
#24 Chlordane-2

R.T.: 5.261 min  
Delta R.T.: 0.029 min  
Response: 137682862  
Conc: 1201.28 ng/ml



#24 Chlordane-2

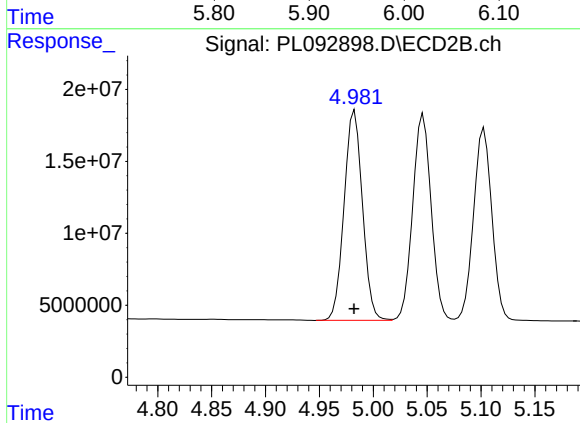
R.T.: 4.369 min  
Delta R.T.: 0.017 min  
Response: 715493  
Conc: 5.78 ng/ml



#25 Chlordane-3

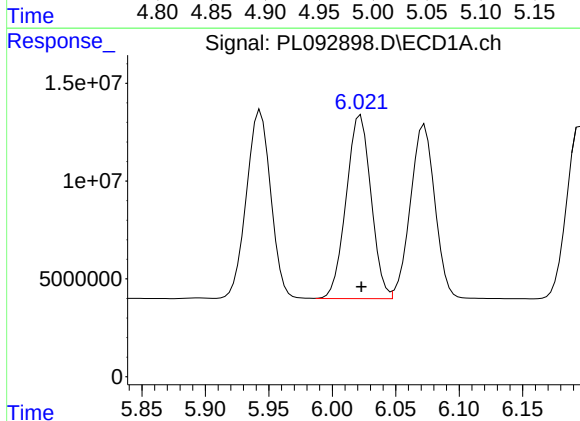
R.T.: 5.943 min  
Delta R.T.: 0.002 min  
Response: 128319080  
Conc: 328.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164749BS



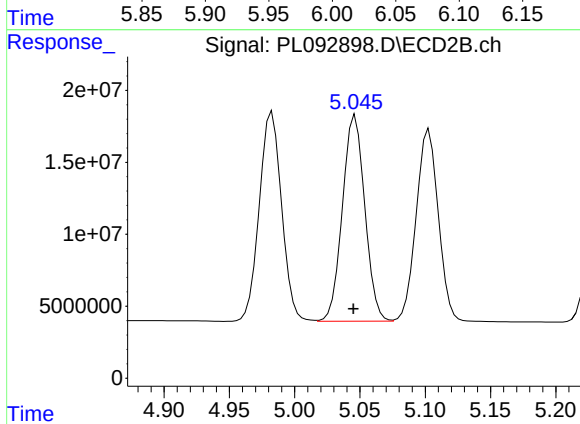
#25 Chlordane-3

R.T.: 4.983 min  
Delta R.T.: 0.000 min  
Response: 173185040  
Conc: 477.51 ng/ml



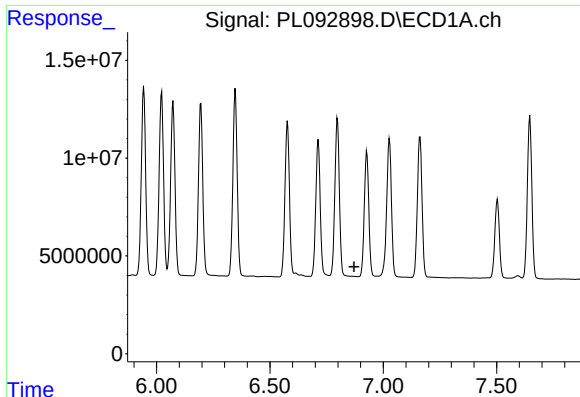
#26 Chlordane-4

R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 127748110  
Conc: 267.25 ng/ml



#26 Chlordane-4

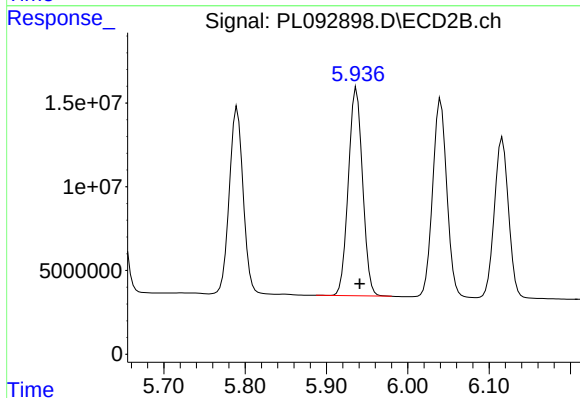
R.T.: 5.046 min  
Delta R.T.: 0.001 min  
Response: 170844473  
Conc: 488.39 ng/ml



#27 Chlordane-5

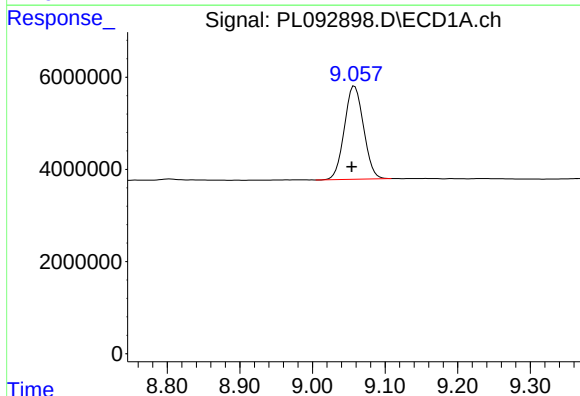
R.T.: 0.000 min  
Exp R.T.: 6.872 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB164749BS



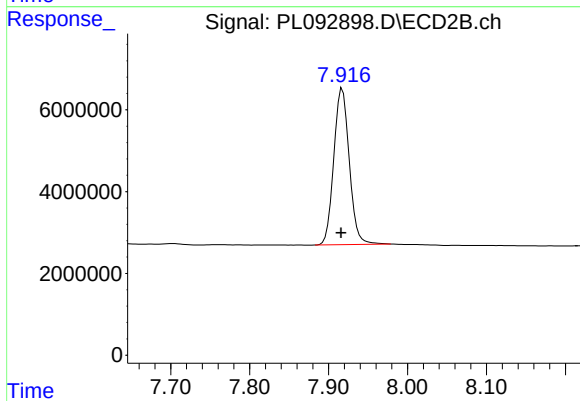
#27 Chlordane-5

R.T.: 5.937 min  
Delta R.T.: -0.004 min  
Response: 150434338  
Conc: 1186.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min  
Delta R.T.: 0.004 min  
Response: 37068491  
Conc: 19.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.917 min  
Delta R.T.: 0.002 min  
Response: 52134507  
Conc: 19.10 ng/ml