

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060623\  
 Data File : PL083257.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jun 2023 17:18  
 Operator : AR\AJ  
 Sample : PB153235BSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 06 21:06:52 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 2023  
 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... | 3.314  | 2.633  | 52424676 | 47420367 | 17.837   | 18.266     |
| 28)                         | SA Decachlor... | 8.731  | 7.736  | 41830134 | 48498637 | 19.944   | 19.504     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.763  | 3.129  | 215.6E6  | 182.0E6  | 48.566   | 48.766     |
| 3)                          | MA gamma-BHC... | 4.091  | 3.455  | 201.5E6  | 167.3E6  | 48.644   | 50.191     |
| 4)                          | MA Heptachlor   | 4.669  | 3.785  | 190.3E6  | 174.8E6  | 49.792   | 47.754     |
| 5)                          | MB Aldrin       | 5.005  | 4.061  | 180.6E6  | 159.3E6  | 51.336   | 48.950     |
| 6)                          | B beta-BHC      | 4.295  | 3.756  | 86938390 | 69430708 | 46.177   | 48.550     |
| 7)                          | B delta-BHC     | 4.536  | 3.980  | 196.2E6  | 161.9E6  | 57.041   | 49.406     |
| 8)                          | B Heptachlo...  | 5.432  | 4.562  | 162.1E6  | 145.1E6  | 50.674   | 48.906     |
| 9)                          | A Endosulfan I  | 5.812  | 4.929  | 149.6E6  | 136.9E6  | 49.850   | 48.986     |
| 10)                         | B gamma-Chl...  | 5.687  | 4.811  | 163.7E6  | 147.7E6  | 51.515   | 49.168     |
| 11)                         | B alpha-Chl...  | 5.764  | 4.873  | 160.3E6  | 147.0E6  | 49.936   | 48.954     |
| 12)                         | B 4,4'-DDE      | 5.943  | 5.064  | 142.3E6  | 124.0E6  | 51.614   | 51.041     |
| 13)                         | MA Dieldrin     | 6.087  | 5.193  | 151.0E6  | 135.2E6  | 50.216   | 47.892     |
| 14)                         | MA Endrin       | 6.314  | 5.467  | 130.1E6  | 119.6E6  | 48.425   | 47.151     |
| 15)                         | B Endosulfa...  | 6.537  | 5.764  | 122.0E6  | 115.3E6  | 45.780   | 46.587     |
| 16)                         | A 4,4'-DDD      | 6.459  | 5.618  | 117.6E6  | 103.3E6  | 54.133   | 53.729     |
| 17)                         | MA 4,4'-DDT     | 6.771  | 5.866  | 118.2E6  | 104.0E6  | 47.235   | 46.593     |
| 18)                         | B Endrin al...  | 6.667  | 5.943  | 97784118 | 92958429 | 48.633   | 47.009     |
| 19)                         | B Endosulfa...  | 6.901  | 6.166  | 125.0E6  | 118.2E6  | 48.755   | 48.281     |
| 20)                         | A Methoxychlor  | 7.251  | 6.445  | 61483906 | 58834558 | 46.495   | 46.263     |
| 21)                         | B Endrin ke...  | 7.381  | 6.670  | 128.3E6  | 129.9E6  | 50.282   | 48.026     |
| 22)                         | Mirex           | 7.845  | 6.841  | 107.2E6  | 114.2E6  | 51.142   | 48.808     |
| 23)                         | Chlordane-1     | 0.000  | 3.649f | 0        | 279369   | N.D.     | 3.386 #    |
| 24)                         | Chlordane-2     | 5.005f | 4.207  | 180.6E6  | 1310748  | 1639.508 | 14.723 #   |
| 25)                         | Chlordane-3     | 5.687  | 4.811  | 163.7E6  | 147.7E6  | 394.456  | 554.100 #  |
| 26)                         | Chlordane-4     | 5.764  | 4.873  | 160.3E6  | 147.0E6  | 316.483  | 521.589 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.764  | 0        | 115.3E6  | N.D.     | 1186.508 # |
| -----                       |                 |        |        |          |          |          |            |

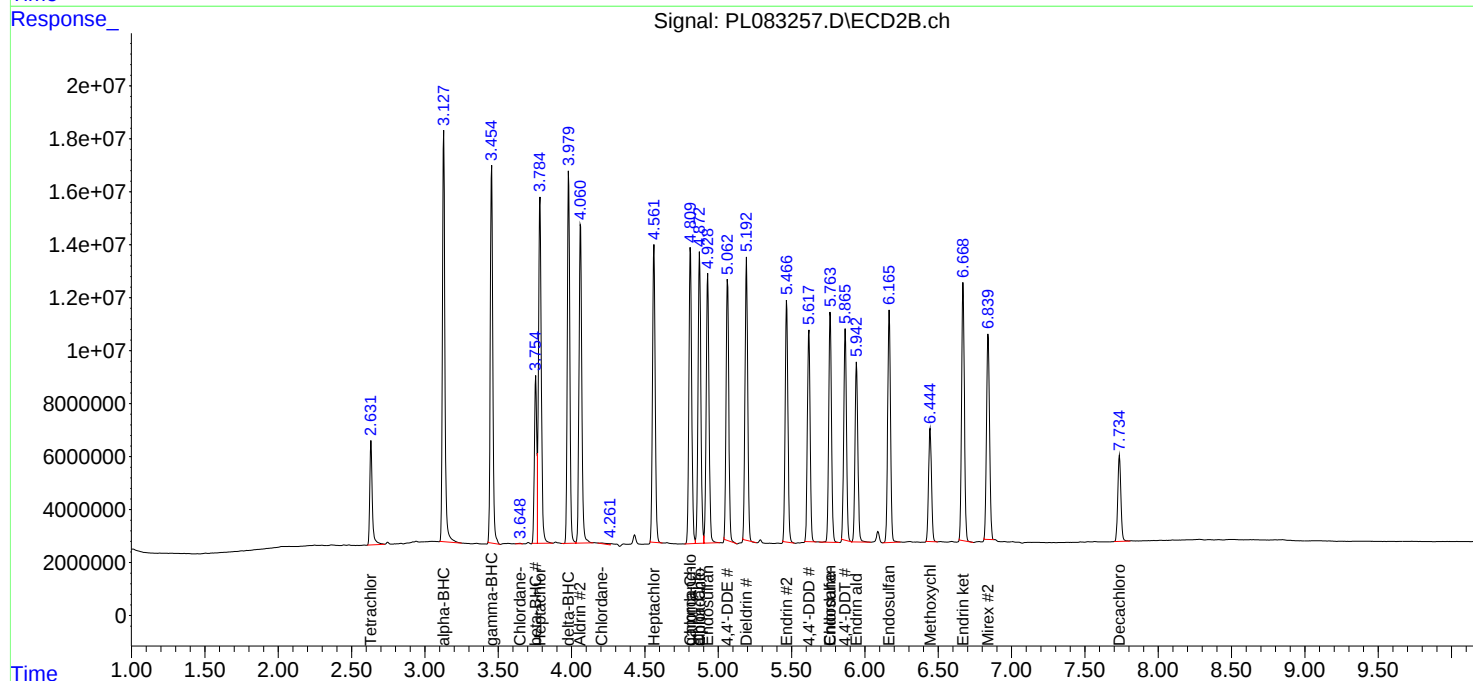
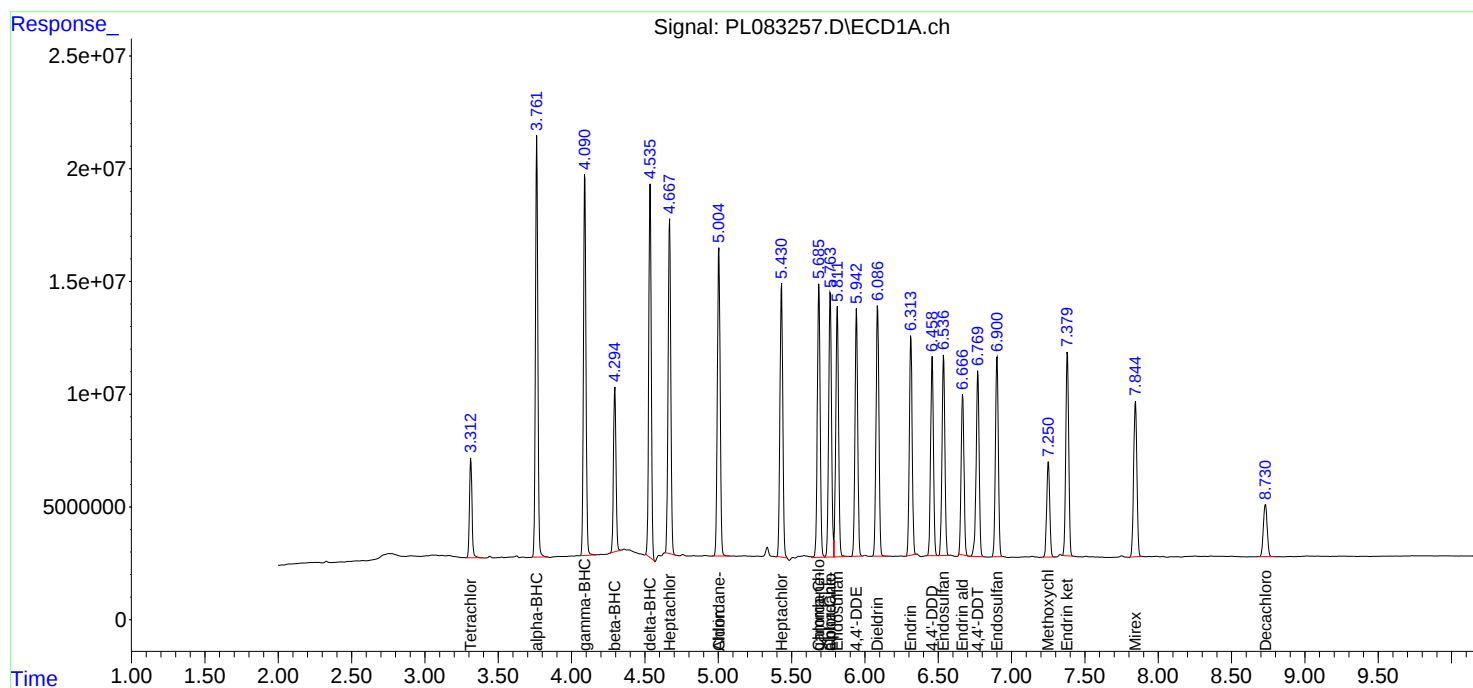
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

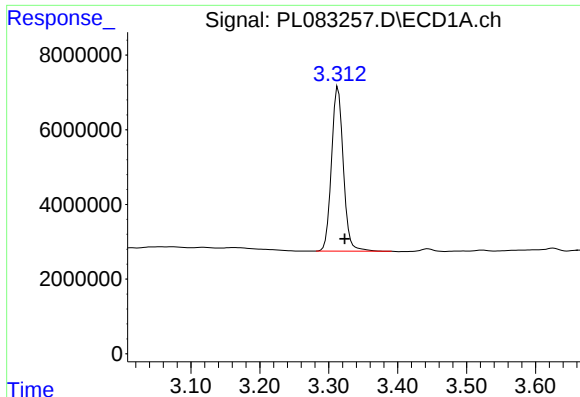
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060623\  
Data File : PL083257.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jun 2023 17:18  
Operator : AR\AJ  
Sample : PB153235BSD  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 06 21:06:52 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 2023  
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

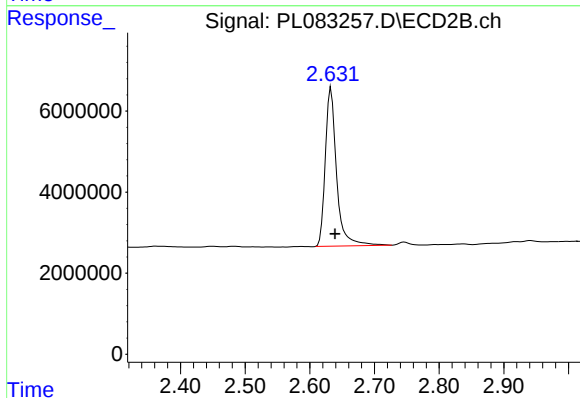




#1 Tetrachloro-m-xylene

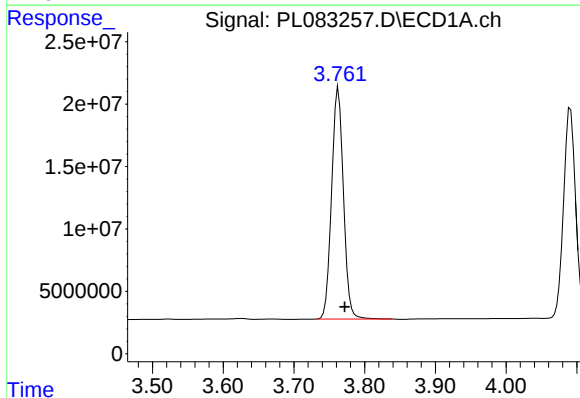
R.T.: 3.314 min  
Delta R.T.: -0.009 min  
Response: 52424676  
Conc: 17.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



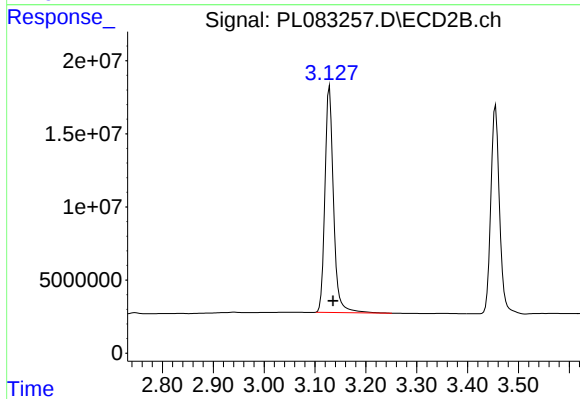
#1 Tetrachloro-m-xylene

R.T.: 2.633 min  
Delta R.T.: -0.006 min  
Response: 47420367  
Conc: 18.27 ng/ml



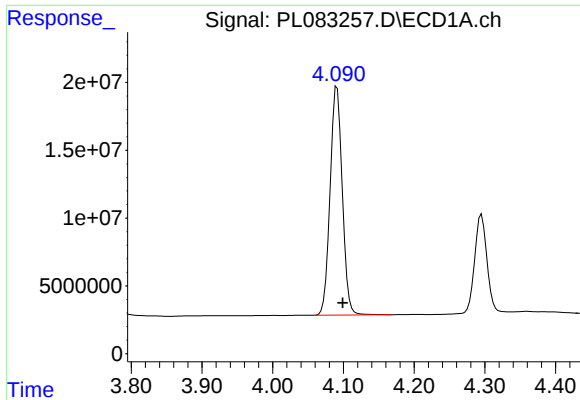
#2 alpha-BHC

R.T.: 3.763 min  
Delta R.T.: -0.009 min  
Response: 215596083  
Conc: 48.57 ng/ml



#2 alpha-BHC

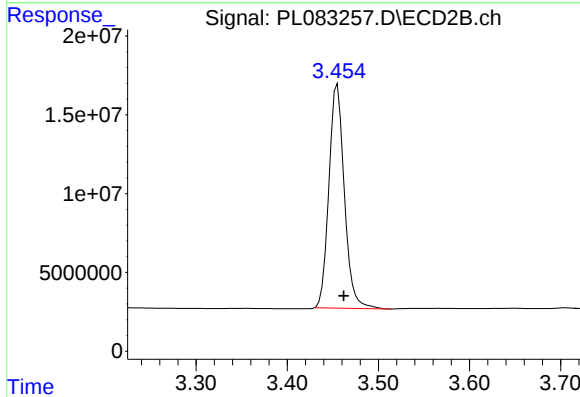
R.T.: 3.129 min  
Delta R.T.: -0.007 min  
Response: 181969041  
Conc: 48.77 ng/ml



#3 gamma-BHC (Lindane)

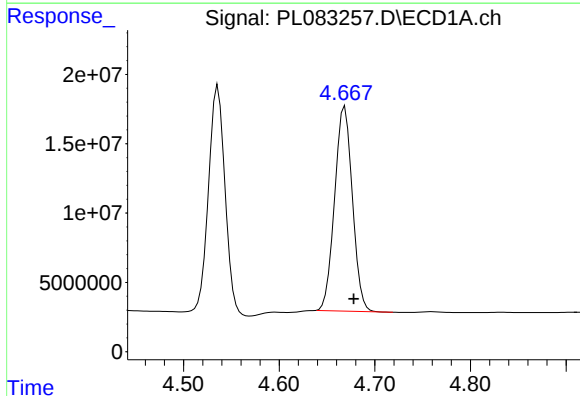
R.T.: 4.091 min  
Delta R.T.: -0.008 min  
Response: 201527059  
Conc: 48.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



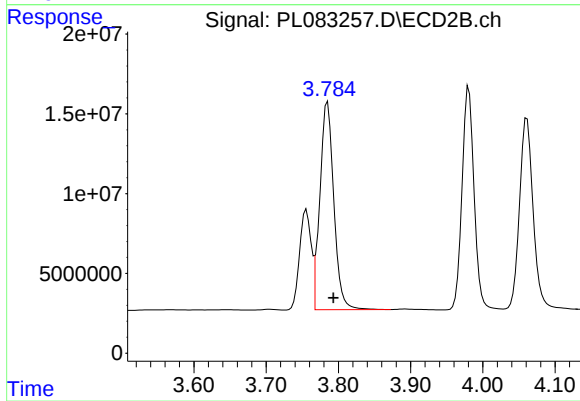
#3 gamma-BHC (Lindane)

R.T.: 3.455 min  
Delta R.T.: -0.007 min  
Response: 167300387  
Conc: 50.19 ng/ml



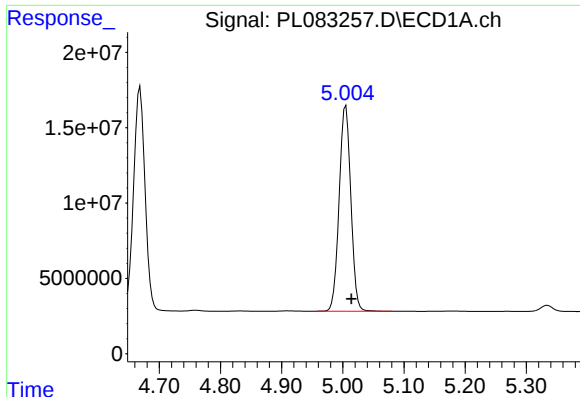
#4 Heptachlor

R.T.: 4.669 min  
Delta R.T.: -0.009 min  
Response: 190328037  
Conc: 49.79 ng/ml



#4 Heptachlor

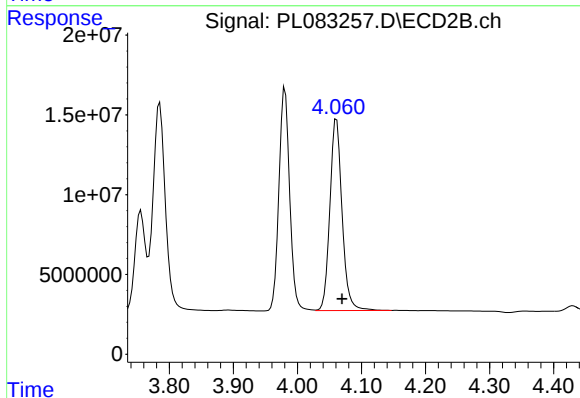
R.T.: 3.785 min  
Delta R.T.: -0.008 min  
Response: 174830247  
Conc: 47.75 ng/ml



#5 Aldrin

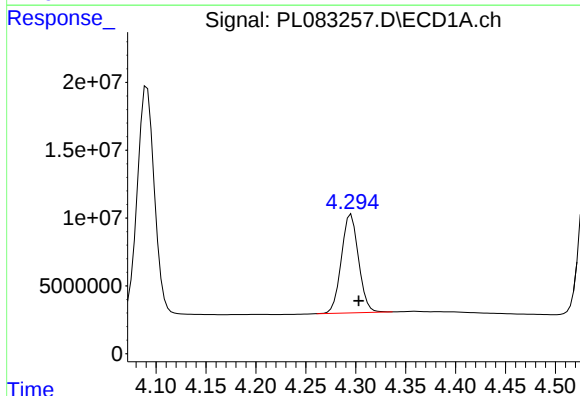
R.T.: 5.005 min  
Delta R.T.: -0.009 min  
Response: 180605089  
Conc: 51.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



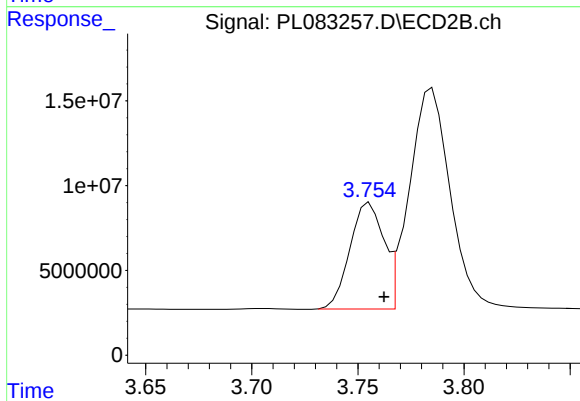
#5 Aldrin

R.T.: 4.061 min  
Delta R.T.: -0.009 min  
Response: 159265823  
Conc: 48.95 ng/ml



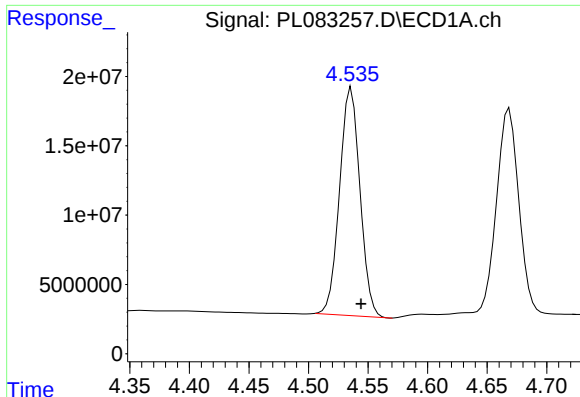
#6 beta-BHC

R.T.: 4.295 min  
Delta R.T.: -0.008 min  
Response: 86938390  
Conc: 46.18 ng/ml



#6 beta-BHC

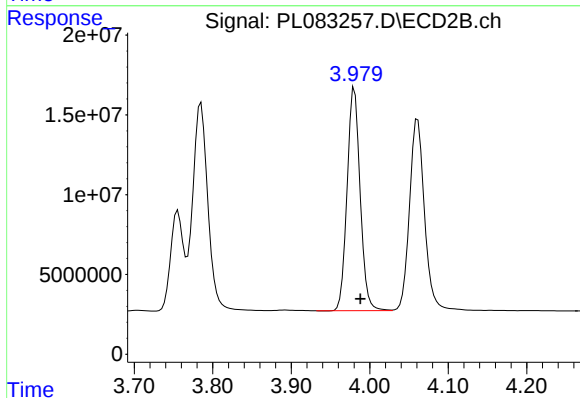
R.T.: 3.756 min  
Delta R.T.: -0.007 min  
Response: 69430708  
Conc: 48.55 ng/ml



#7 delta-BHC

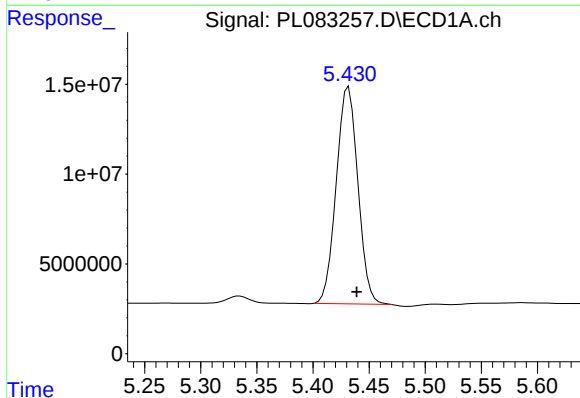
R.T.: 4.536 min  
Delta R.T.: -0.008 min  
Response: 196157585  
Conc: 57.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



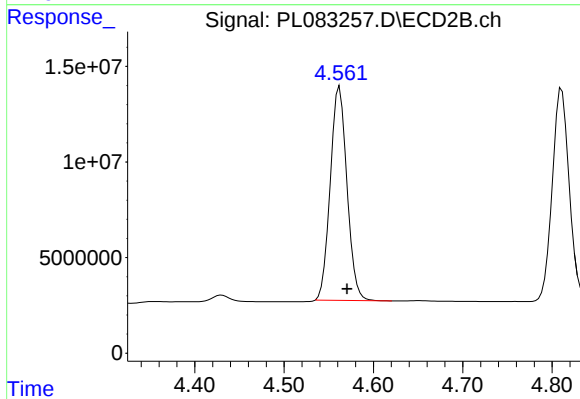
#7 delta-BHC

R.T.: 3.980 min  
Delta R.T.: -0.007 min  
Response: 161876847  
Conc: 49.41 ng/ml



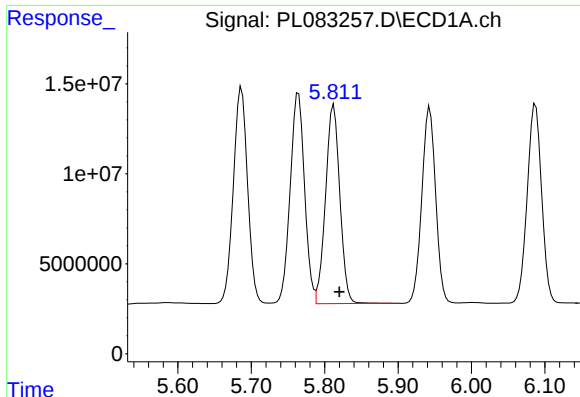
#8 Heptachlor epoxide

R.T.: 5.432 min  
Delta R.T.: -0.007 min  
Response: 162091375  
Conc: 50.67 ng/ml



#8 Heptachlor epoxide

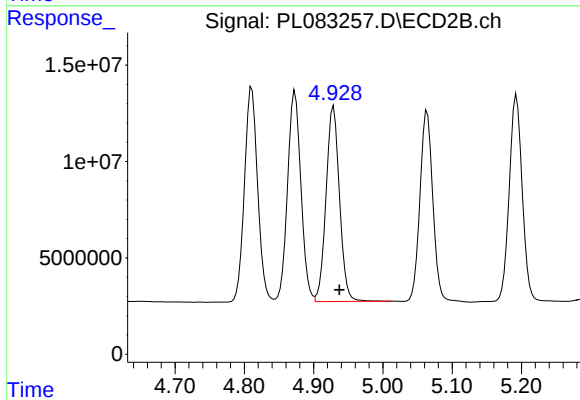
R.T.: 4.562 min  
Delta R.T.: -0.008 min  
Response: 145149094  
Conc: 48.91 ng/ml



#9 Endosulfan I

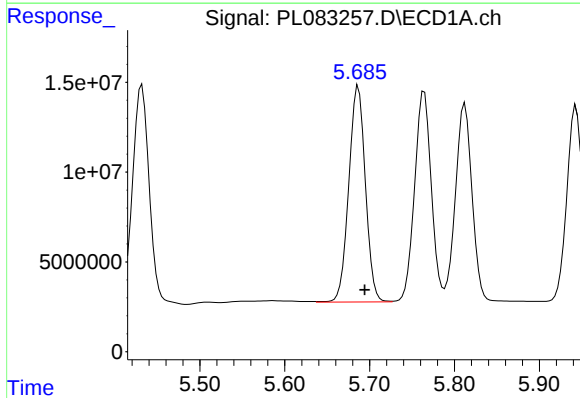
R.T.: 5.812 min  
Delta R.T.: -0.008 min  
Response: 149577836  
Conc: 49.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



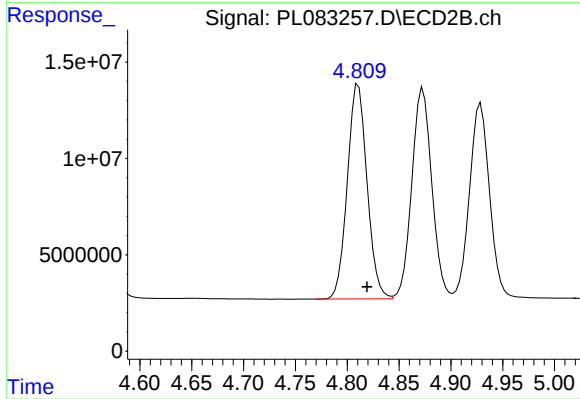
#9 Endosulfan I

R.T.: 4.929 min  
Delta R.T.: -0.008 min  
Response: 136883815  
Conc: 48.99 ng/ml



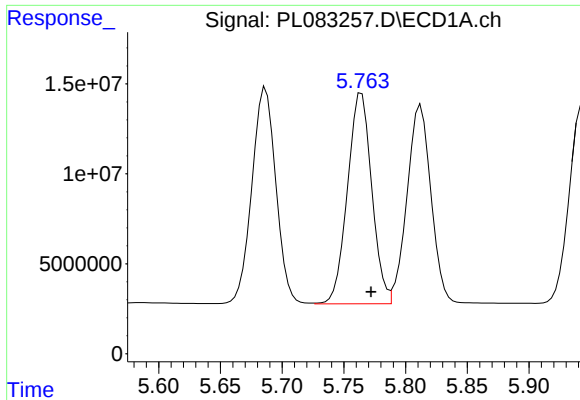
#10 gamma-Chlordane

R.T.: 5.687 min  
Delta R.T.: -0.007 min  
Response: 163661146  
Conc: 51.51 ng/ml



#10 gamma-Chlordane

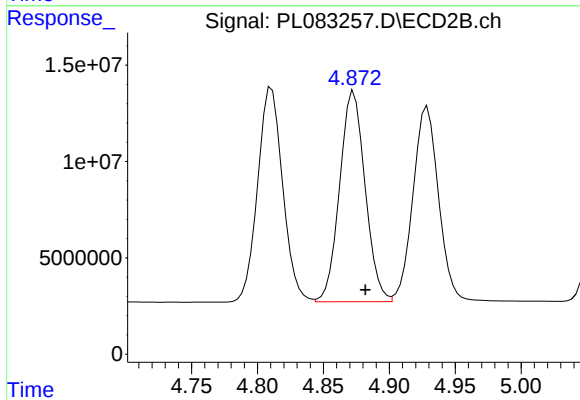
R.T.: 4.811 min  
Delta R.T.: -0.008 min  
Response: 147670126  
Conc: 49.17 ng/ml



#11 alpha-Chlordane

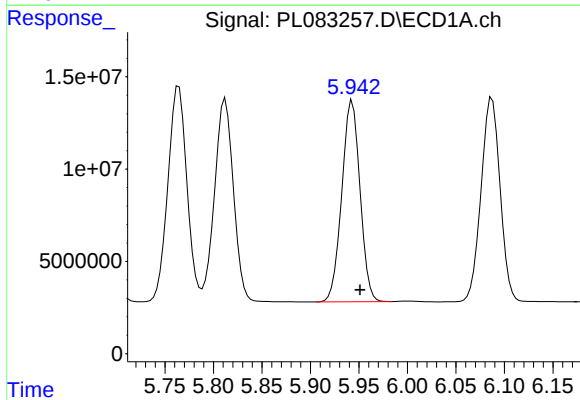
R.T.: 5.764 min  
Delta R.T.: -0.008 min  
Response: 160259480  
Conc: 49.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



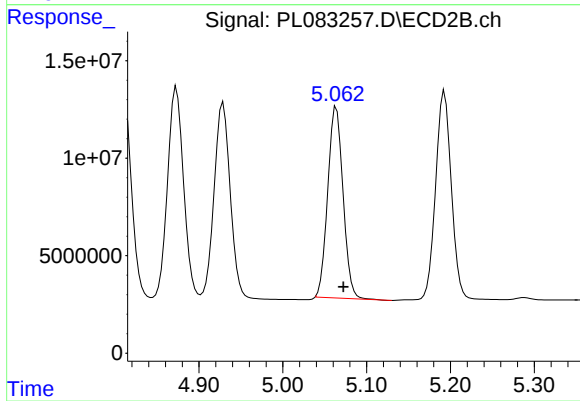
#11 alpha-Chlordane

R.T.: 4.873 min  
Delta R.T.: -0.009 min  
Response: 146958282  
Conc: 48.95 ng/ml



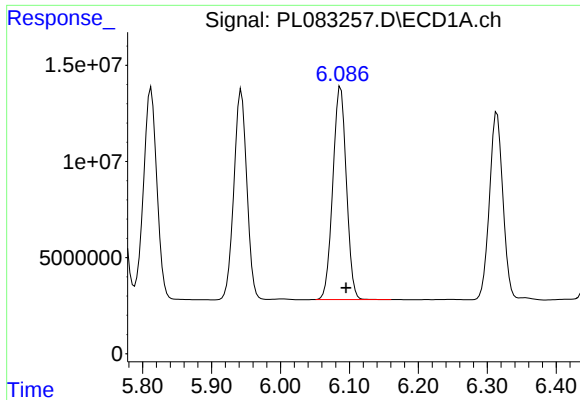
#12 4,4'-DDE

R.T.: 5.943 min  
Delta R.T.: -0.008 min  
Response: 142274676  
Conc: 51.61 ng/ml



#12 4,4'-DDE

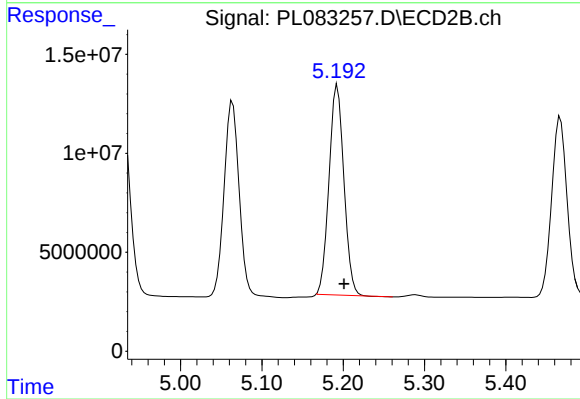
R.T.: 5.064 min  
Delta R.T.: -0.009 min  
Response: 123966028  
Conc: 51.04 ng/ml



#13 Dieldrin

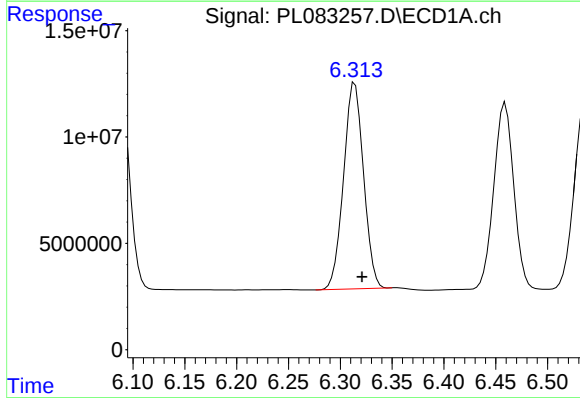
R.T.: 6.087 min  
Delta R.T.: -0.008 min  
Response: 151040788  
Conc: 50.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



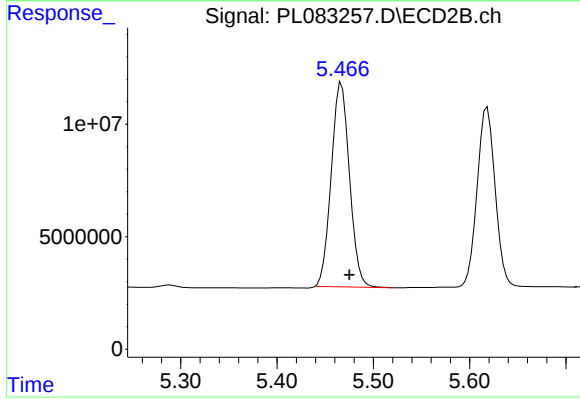
#13 Dieldrin

R.T.: 5.193 min  
Delta R.T.: -0.008 min  
Response: 135194450  
Conc: 47.89 ng/ml



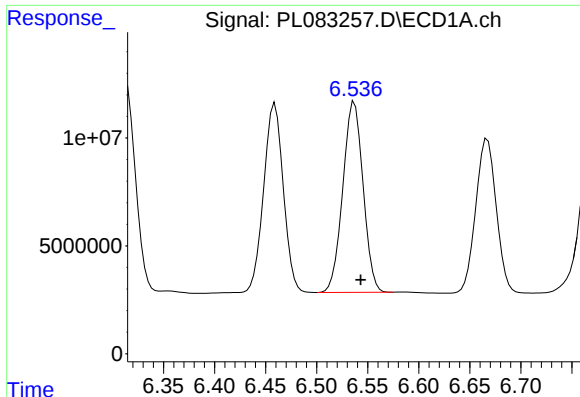
#14 Endrin

R.T.: 6.314 min  
Delta R.T.: -0.007 min  
Response: 130129340  
Conc: 48.42 ng/ml



#14 Endrin

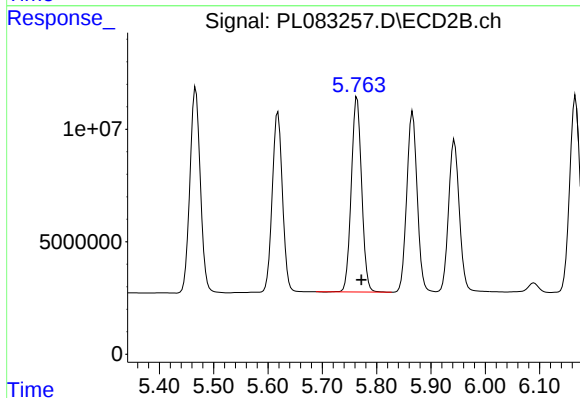
R.T.: 5.467 min  
Delta R.T.: -0.008 min  
Response: 119621059  
Conc: 47.15 ng/ml



#15 Endosulfan II

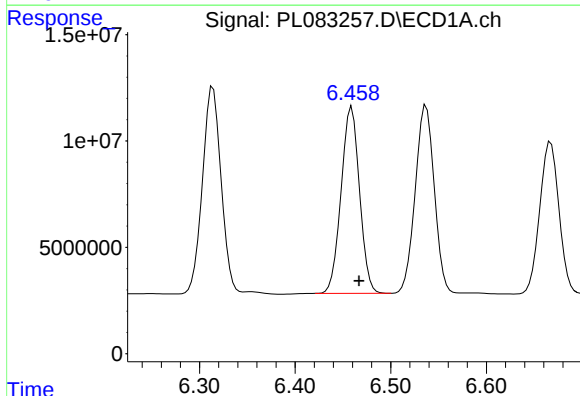
R.T.: 6.537 min  
Delta R.T.: -0.006 min  
Response: 122011164  
Conc: 45.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



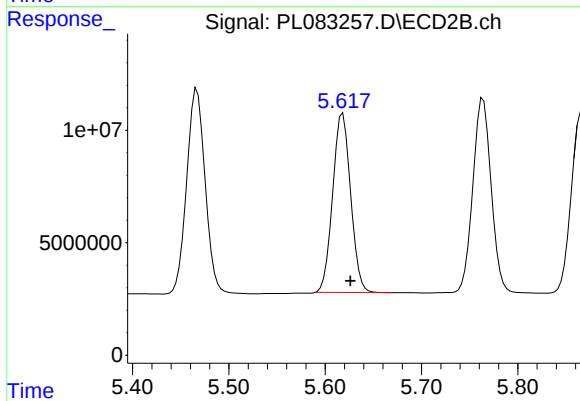
#15 Endosulfan II

R.T.: 5.764 min  
Delta R.T.: -0.008 min  
Response: 115264780  
Conc: 46.59 ng/ml



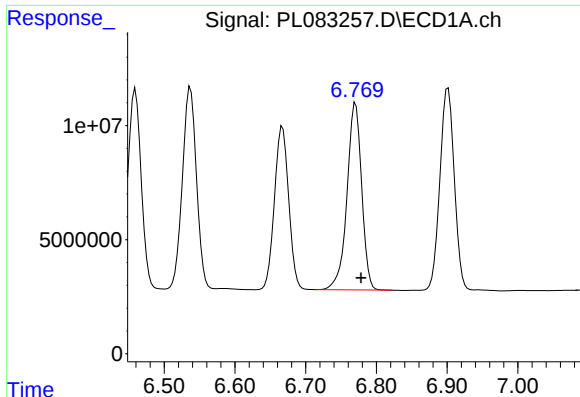
#16 4,4'-DDD

R.T.: 6.459 min  
Delta R.T.: -0.008 min  
Response: 117634933  
Conc: 54.13 ng/ml



#16 4,4'-DDD

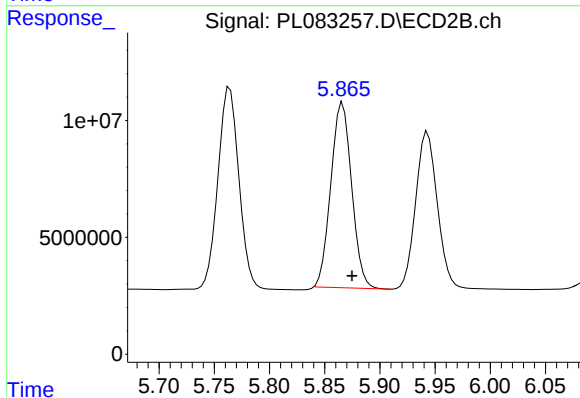
R.T.: 5.618 min  
Delta R.T.: -0.008 min  
Response: 103333427  
Conc: 53.73 ng/ml



#17 4,4'-DDT

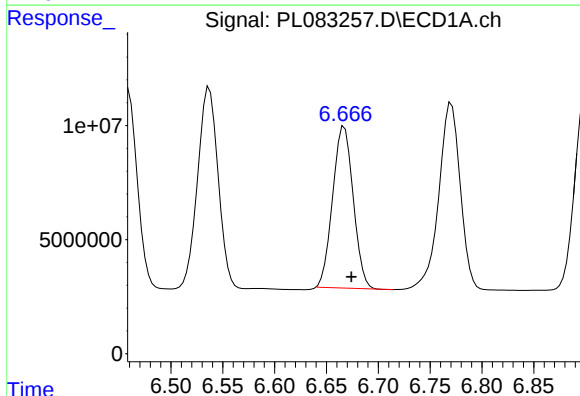
R.T.: 6.771 min  
Delta R.T.: -0.007 min  
Response: 118236958  
Conc: 47.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



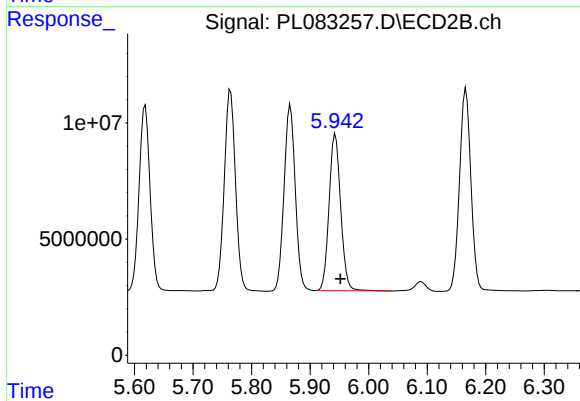
#17 4,4'-DDT

R.T.: 5.866 min  
Delta R.T.: -0.008 min  
Response: 103951119  
Conc: 46.59 ng/ml



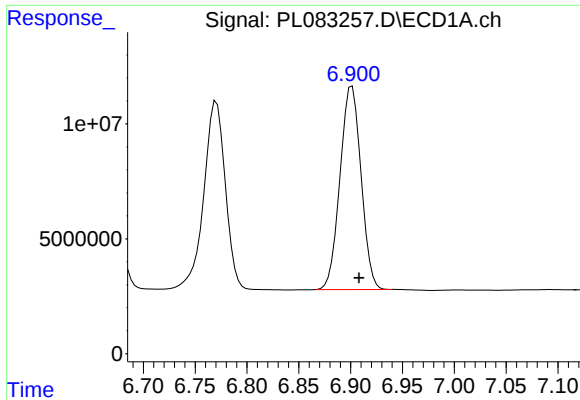
#18 Endrin aldehyde

R.T.: 6.667 min  
Delta R.T.: -0.007 min  
Response: 97784118  
Conc: 48.63 ng/ml



#18 Endrin aldehyde

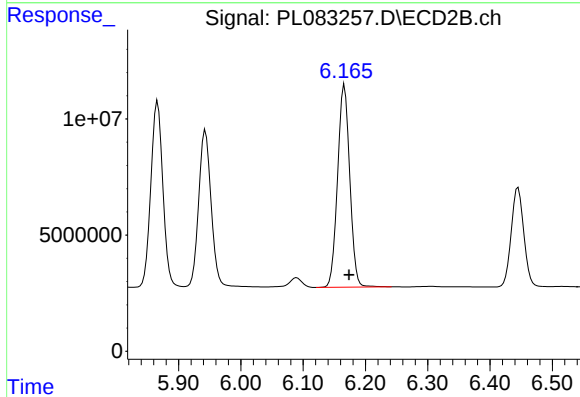
R.T.: 5.943 min  
Delta R.T.: -0.008 min  
Response: 92958429  
Conc: 47.01 ng/ml



#19 Endosulfan Sulfate

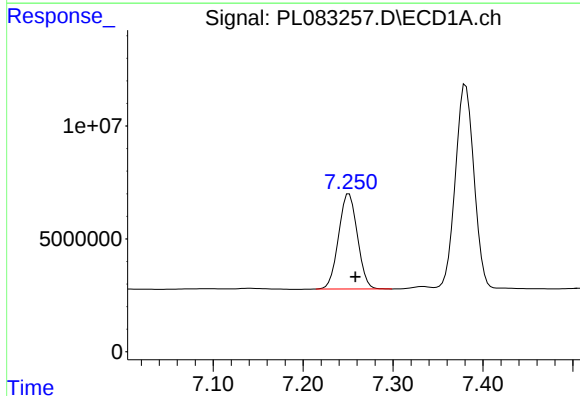
R.T.: 6.901 min  
Delta R.T.: -0.007 min  
Response: 124994068  
Conc: 48.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



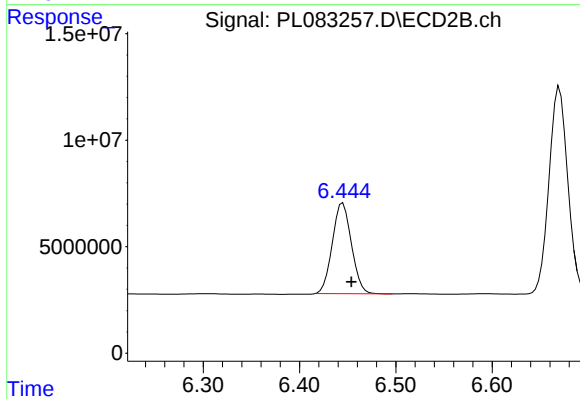
#19 Endosulfan Sulfate

R.T.: 6.166 min  
Delta R.T.: -0.008 min  
Response: 118238977  
Conc: 48.28 ng/ml



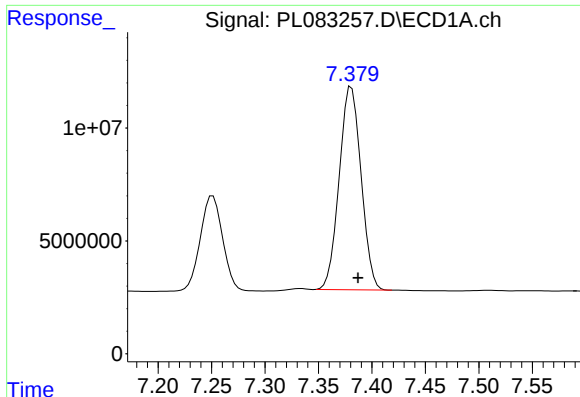
#20 Methoxychlor

R.T.: 7.251 min  
Delta R.T.: -0.007 min  
Response: 61483906  
Conc: 46.49 ng/ml



#20 Methoxychlor

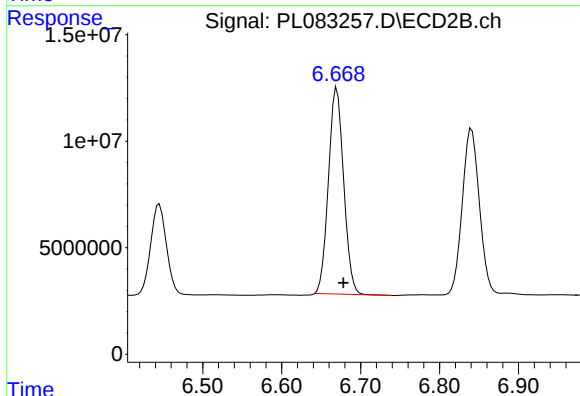
R.T.: 6.445 min  
Delta R.T.: -0.009 min  
Response: 58834558  
Conc: 46.26 ng/ml



#21 Endrin ketone

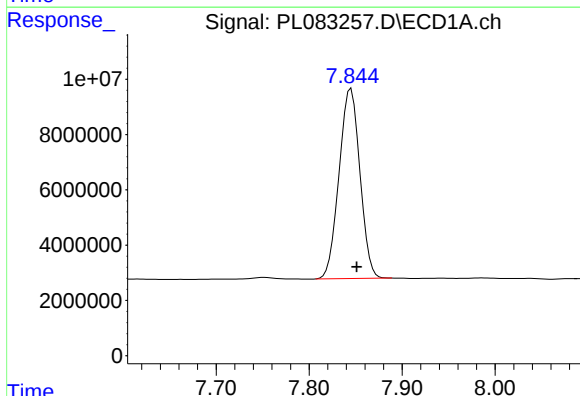
R.T.: 7.381 min  
Delta R.T.: -0.006 min  
Response: 128260037  
Conc: 50.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



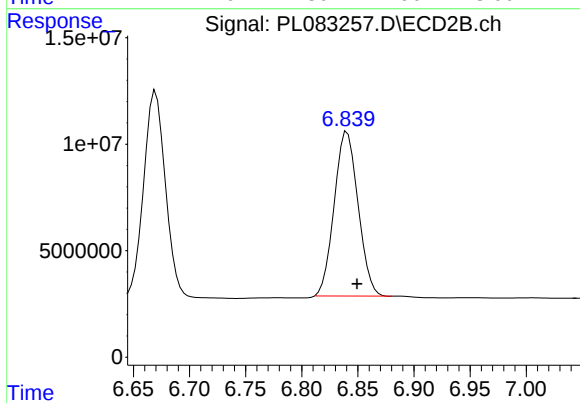
#21 Endrin ketone

R.T.: 6.670 min  
Delta R.T.: -0.008 min  
Response: 129855218  
Conc: 48.03 ng/ml



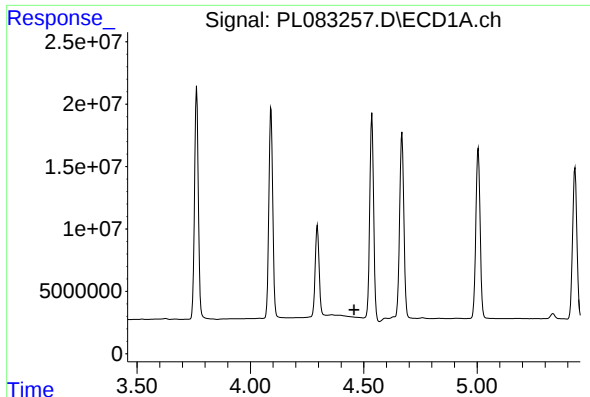
#22 Mirex

R.T.: 7.845 min  
Delta R.T.: -0.006 min  
Response: 107195956  
Conc: 51.14 ng/ml



#22 Mirex

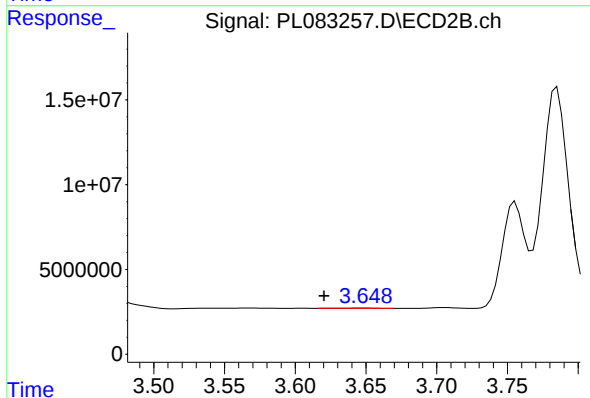
R.T.: 6.841 min  
Delta R.T.: -0.009 min  
Response: 114201592  
Conc: 48.81 ng/ml



#23 Chlordane-1

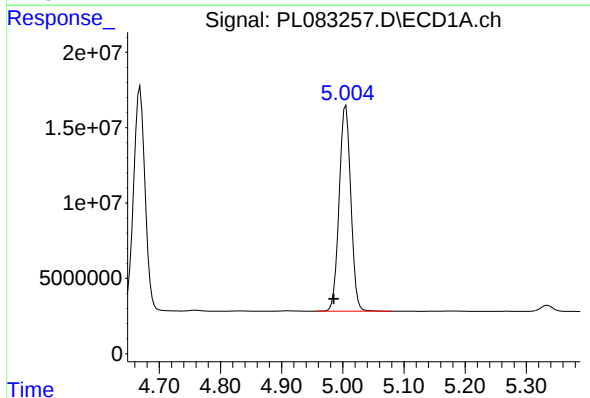
R.T.: 0.000 min  
Exp R.T.: 4.458 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



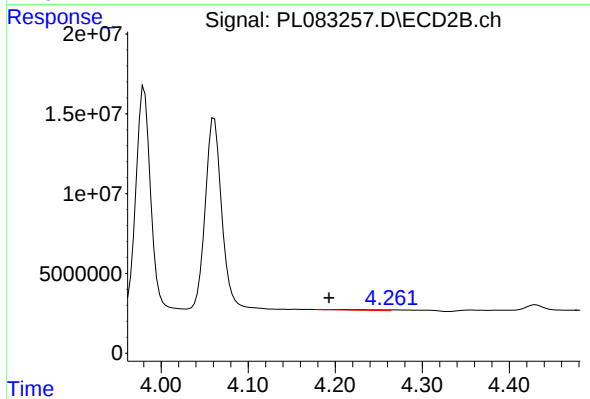
#23 Chlordane-1

R.T.: 3.649 min  
Delta R.T.: 0.029 min  
Response: 279369  
Conc: 3.39 ng/ml



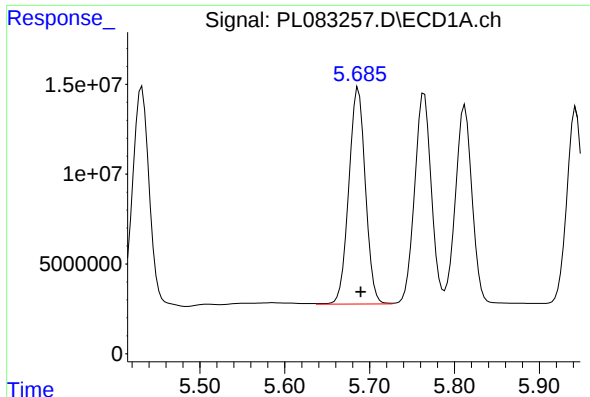
#24 Chlordane-2

R.T.: 5.005 min  
Delta R.T.: 0.020 min  
Response: 180605089  
Conc: 1639.51 ng/ml



#24 Chlordane-2

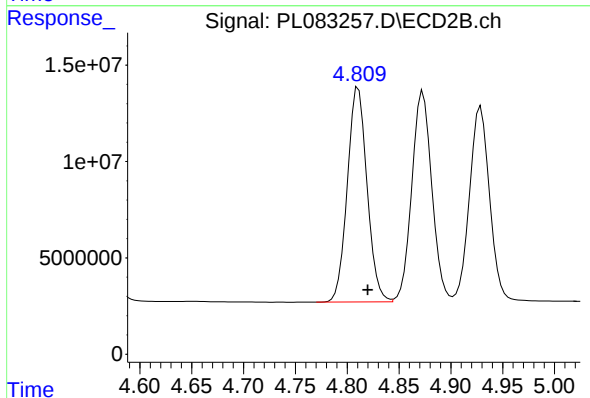
R.T.: 4.207 min  
Delta R.T.: 0.014 min  
Response: 1310748  
Conc: 14.72 ng/ml



#25 Chlordane-3

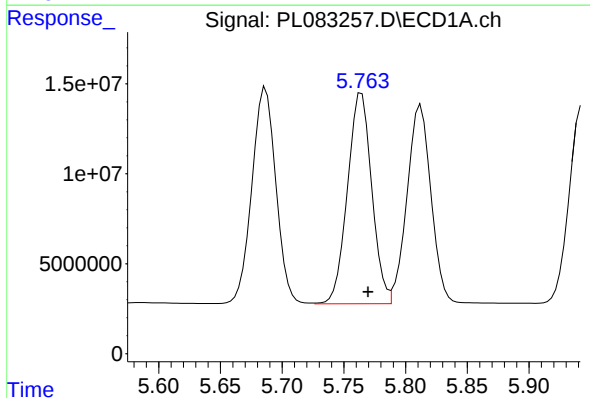
R.T.: 5.687 min  
Delta R.T.: -0.003 min  
Response: 163661146  
Conc: 394.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



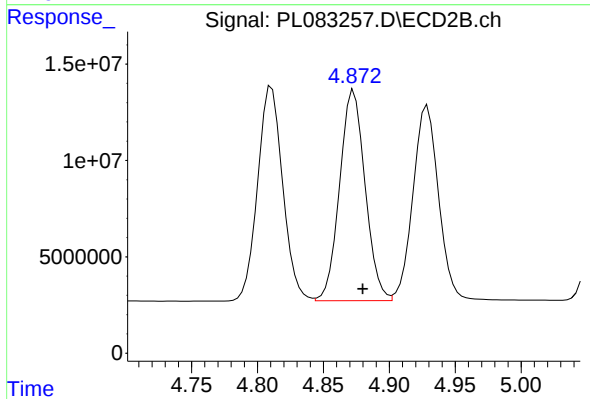
#25 Chlordane-3

R.T.: 4.811 min  
Delta R.T.: -0.009 min  
Response: 147670126  
Conc: 554.10 ng/ml



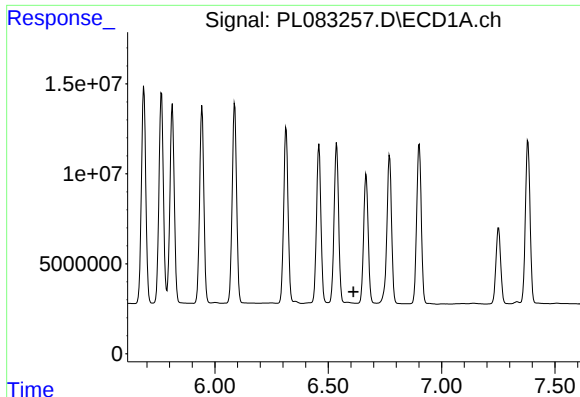
#26 Chlordane-4

R.T.: 5.764 min  
Delta R.T.: -0.005 min  
Response: 160259480  
Conc: 316.48 ng/ml



#26 Chlordane-4

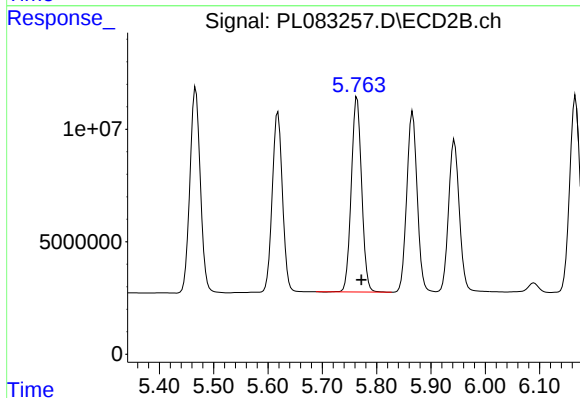
R.T.: 4.873 min  
Delta R.T.: -0.007 min  
Response: 146958282  
Conc: 521.59 ng/ml



#27 Chlordane-5

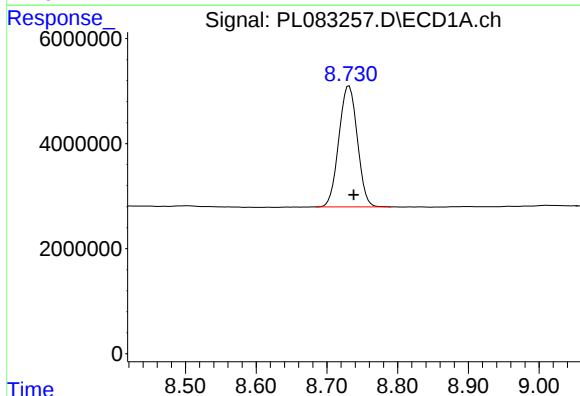
R.T.: 0.000 min  
Exp R.T.: 6.612 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



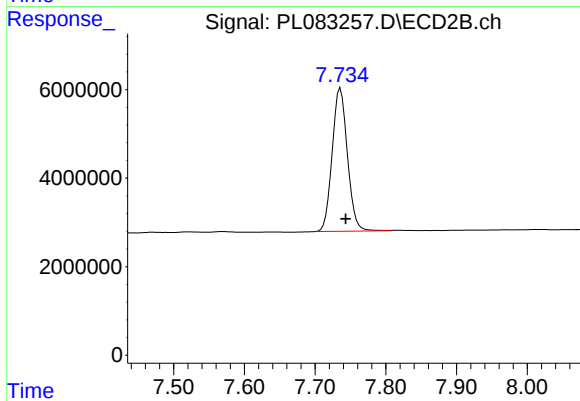
#27 Chlordane-5

R.T.: 5.764 min  
Delta R.T.: -0.008 min  
Response: 115264780  
Conc: 1186.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.731 min  
Delta R.T.: -0.007 min  
Response: 41830134  
Conc: 19.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.736 min  
Delta R.T.: -0.008 min  
Response: 48498637  
Conc: 19.50 ng/ml