

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061924\  
 Data File : PL090240CC.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jun 2024 16:08  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 20 01:25:48 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 14:57:01 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... | 3.552 | 2.789 | 107.8E6  | 79770001 | 51.467  | 55.634    |
| 28)                         | SA Decachlor... | 9.063 | 7.935 | 75104036 | 72194227 | 51.078  | 48.583    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.007 | 3.293 | 149.9E6  | 114.7E6  | 50.293  | 53.679    |
| 3)                          | MA gamma-BHC... | 4.339 | 3.624 | 145.8E6  | 113.9E6  | 50.165  | 54.454    |
| 4)                          | MA Heptachlor   | 4.928 | 3.965 | 126.9E6  | 104.4E6  | 48.594  | 52.328    |
| 5)                          | MB Aldrin       | 5.270 | 4.245 | 129.9E6  | 107.0E6  | 48.865  | 53.561    |
| 6)                          | B beta-BHC      | 4.535 | 3.922 | 63683244 | 48829619 | 48.756  | 53.377    |
| 7)                          | B delta-BHC     | 4.783 | 4.152 | 138.2E6  | 112.7E6  | 50.180  | 55.897    |
| 8)                          | B Heptachlo...  | 5.696 | 4.748 | 119.4E6  | 95880494 | 47.945  | 52.245    |
| 9)                          | A Endosulfan I  | 6.080 | 5.118 | 109.4E6  | 88760394 | 48.418  | 51.956    |
| 10)                         | B gamma-Chl...  | 5.951 | 4.998 | 115.3E6  | 95987352 | 47.689  | 51.499    |
| 11)                         | B alpha-Chl...  | 6.030 | 5.062 | 116.2E6  | 96274777 | 48.376  | 51.312    |
| 12)                         | B 4,4'-DDE      | 6.203 | 5.252 | 104.0E6  | 87435860 | 47.807  | 52.336    |
| 13)                         | MA Dieldrin     | 6.355 | 5.383 | 116.1E6  | 95109910 | 48.962  | 51.616    |
| 14)                         | MA Endrin       | 6.585 | 5.658 | 93450093 | 78090194 | 46.482  | 47.675    |
| 15)                         | B Endosulfa...  | 6.802 | 5.952 | 101.1E6  | 81527566 | 48.509  | 50.623    |
| 16)                         | A 4,4'-DDD      | 6.718 | 5.806 | 90683251 | 76825442 | 51.771  | 54.502    |
| 17)                         | MA 4,4'-DDT     | 7.032 | 6.057 | 82411318 | 68625571 | 44.762  | 45.190    |
| 18)                         | B Endrin al...  | 6.932 | 6.132 | 74916847 | 60345147 | 48.331  | 49.726    |
| 19)                         | B Endosulfa...  | 7.166 | 6.355 | 93132164 | 79433647 | 48.664  | 50.509    |
| 20)                         | A Methoxychlor  | 7.507 | 6.633 | 46942410 | 39607414 | 47.794  | 44.524    |
| 21)                         | B Endrin ke...  | 7.651 | 6.861 | 107.9E6  | 95302370 | 51.255  | 52.297    |
| 22)                         | Mirex           | 8.125 | 7.043 | 80505132 | 75085835 | 48.392  | 48.891    |
| 23)                         | Chlordane-1     | 0.000 | 3.787 | 0        | 388465   | N.D.    | 5.923 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.382 | 0        | 180226   | N.D.    | 2.259 #   |
| 25)                         | Chlordane-3     | 5.951 | 4.998 | 115.3E6  | 95987352 | 288.211 | 431.228 # |
| 26)                         | Chlordane-4     | 6.030 | 5.062 | 116.2E6  | 96274777 | 237.690 | 455.334 # |
| 27)                         | Chlordane-5     | 0.000 | 5.730 | 0        | 191361   | N.D.    | 2.819 #   |
| -----                       |                 |       |       |          |          |         |           |

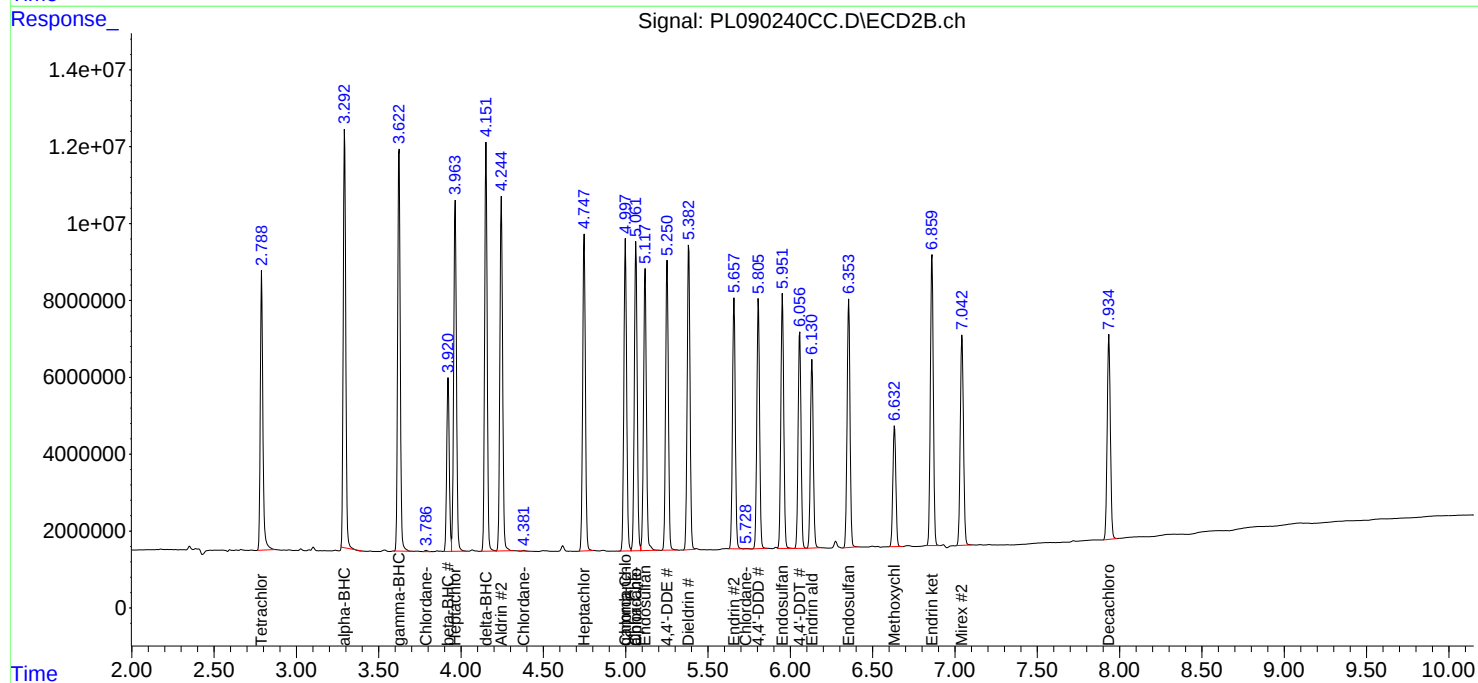
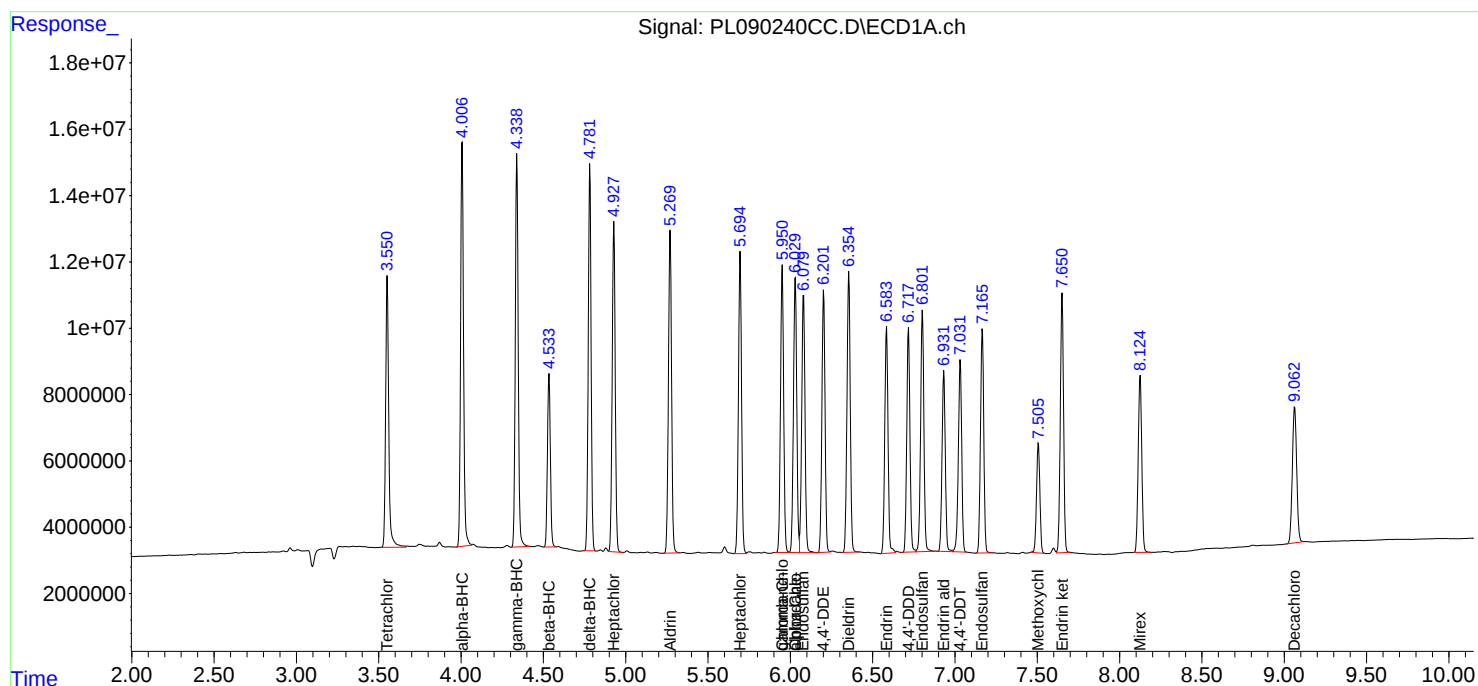
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

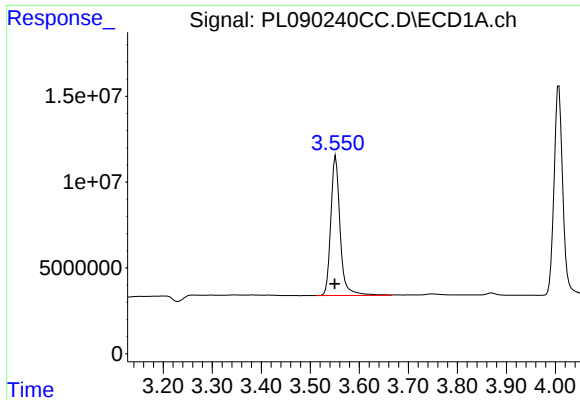
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061924\  
Data File : PL090240CC.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jun 2024 16:08  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 20 01:25:48 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
Quant Title : GC Extractables  
QLast Update : Fri May 24 14:57:01 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

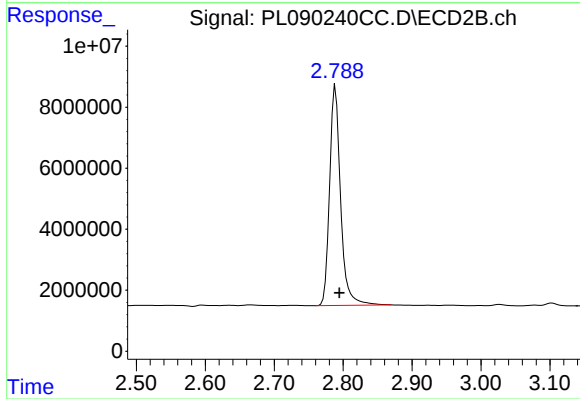




#1 Tetrachloro-m-xylene

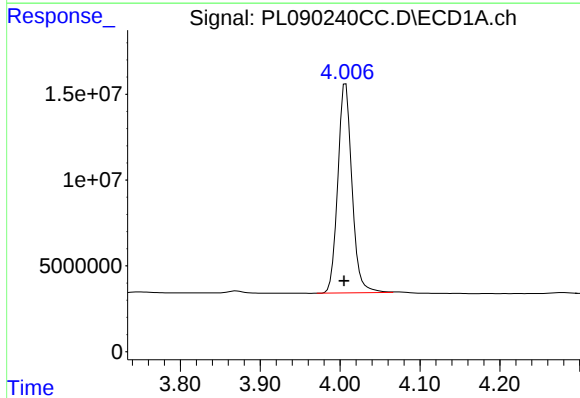
R.T.: 3.552 min  
Delta R.T.: 0.002 min  
Response: 107759057  
Conc: 51.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



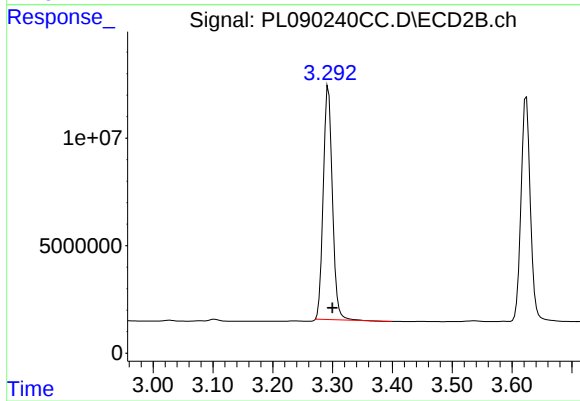
#1 Tetrachloro-m-xylene

R.T.: 2.789 min  
Delta R.T.: -0.006 min  
Response: 79770001  
Conc: 55.63 ng/ml



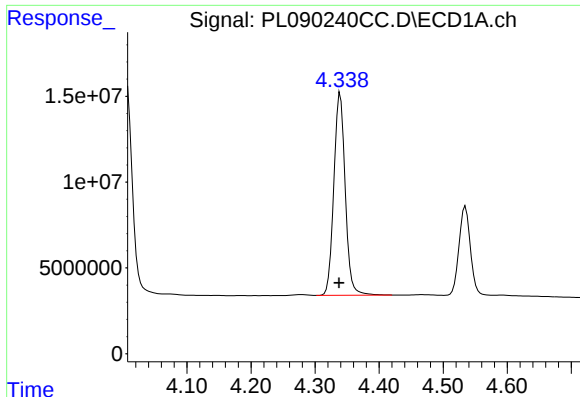
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.002 min  
Response: 149948631  
Conc: 50.29 ng/ml



#2 alpha-BHC

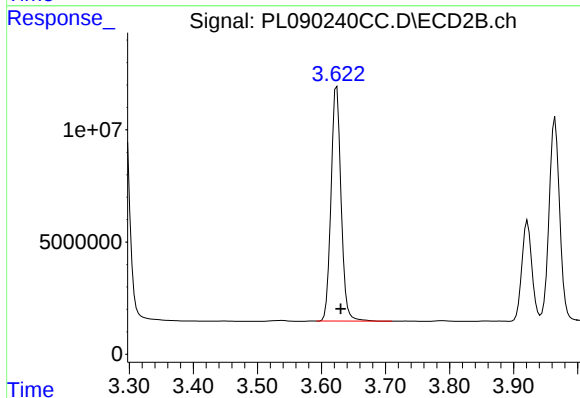
R.T.: 3.293 min  
Delta R.T.: -0.006 min  
Response: 114745166  
Conc: 53.68 ng/ml



#3 gamma-BHC (Lindane)

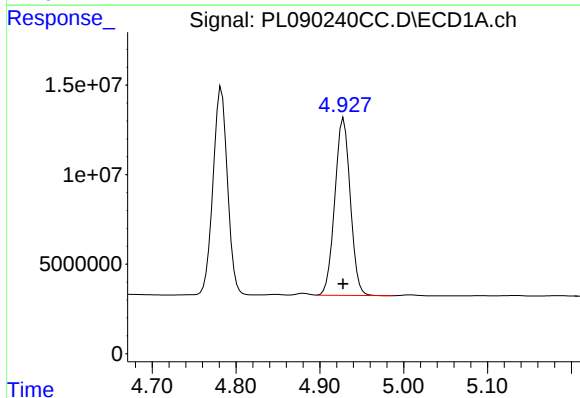
R.T.: 4.339 min  
Delta R.T.: 0.002 min  
Response: 145790621  
Conc: 50.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



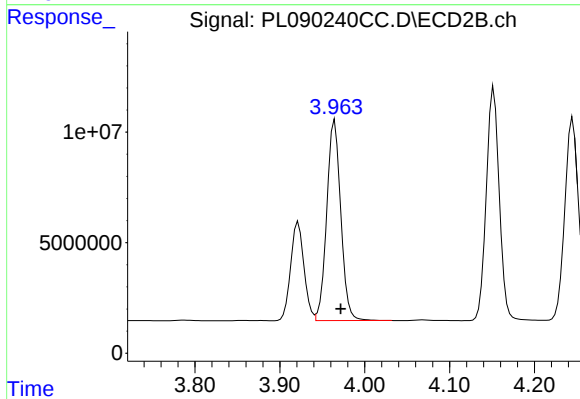
#3 gamma-BHC (Lindane)

R.T.: 3.624 min  
Delta R.T.: -0.006 min  
Response: 113892818  
Conc: 54.45 ng/ml



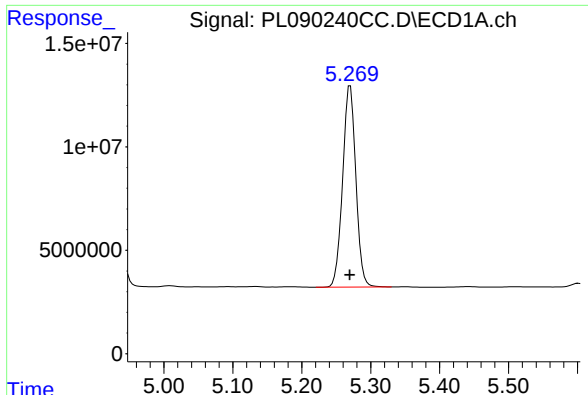
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: 0.000 min  
Response: 126855205  
Conc: 48.59 ng/ml



#4 Heptachlor

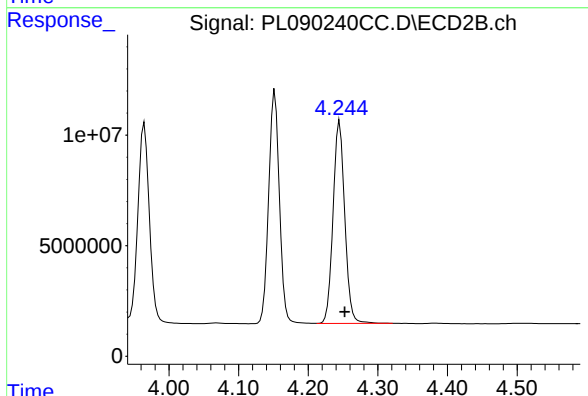
R.T.: 3.965 min  
Delta R.T.: -0.007 min  
Response: 104434537  
Conc: 52.33 ng/ml



#5 Aldrin

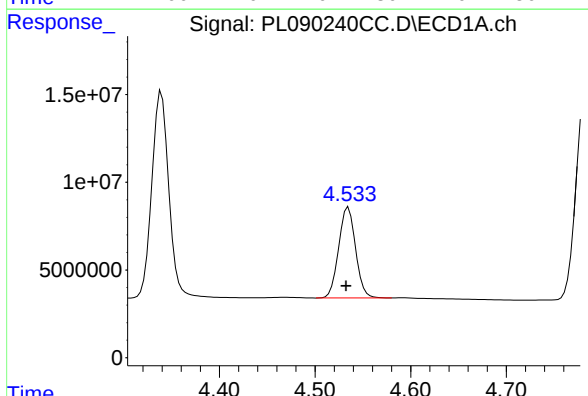
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 129868059  
Conc: 48.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



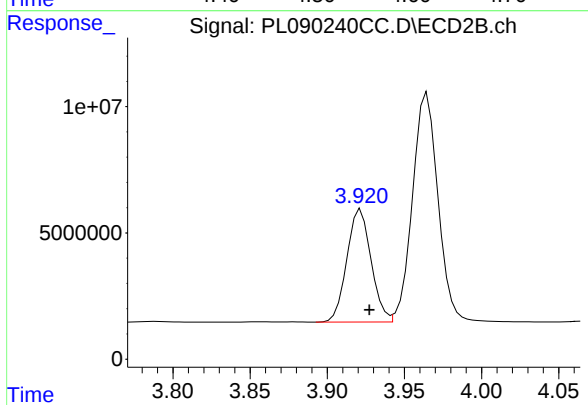
#5 Aldrin

R.T.: 4.245 min  
Delta R.T.: -0.007 min  
Response: 107027157  
Conc: 53.56 ng/ml



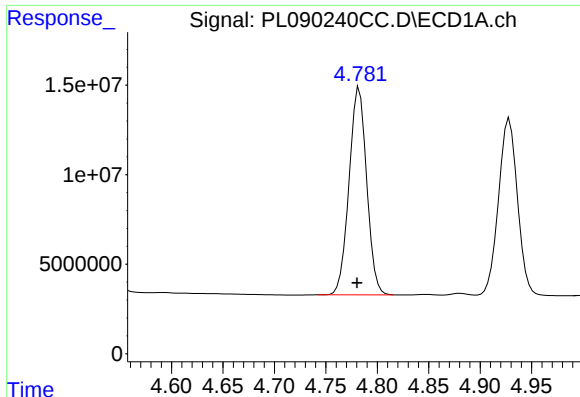
#6 beta-BHC

R.T.: 4.535 min  
Delta R.T.: 0.002 min  
Response: 63683244  
Conc: 48.76 ng/ml



#6 beta-BHC

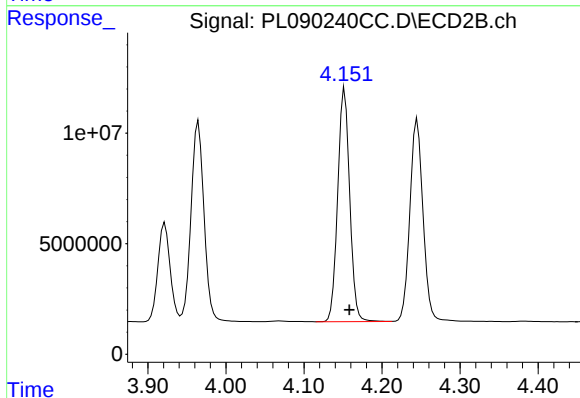
R.T.: 3.922 min  
Delta R.T.: -0.006 min  
Response: 48829619  
Conc: 53.38 ng/ml



#7 delta-BHC

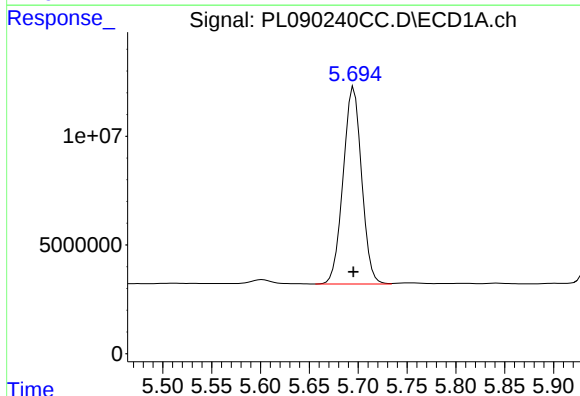
R.T.: 4.783 min  
Delta R.T.: 0.002 min  
Response: 138235744  
Conc: 50.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



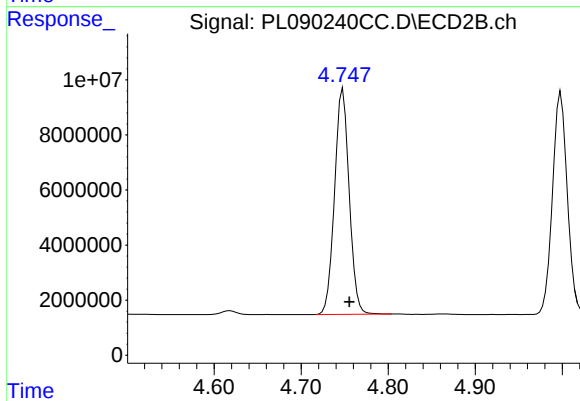
#7 delta-BHC

R.T.: 4.152 min  
Delta R.T.: -0.006 min  
Response: 112658493  
Conc: 55.90 ng/ml



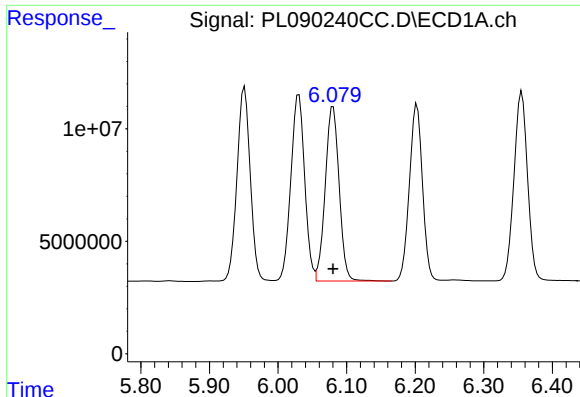
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.000 min  
Response: 119417897  
Conc: 47.94 ng/ml



#8 Heptachlor epoxide

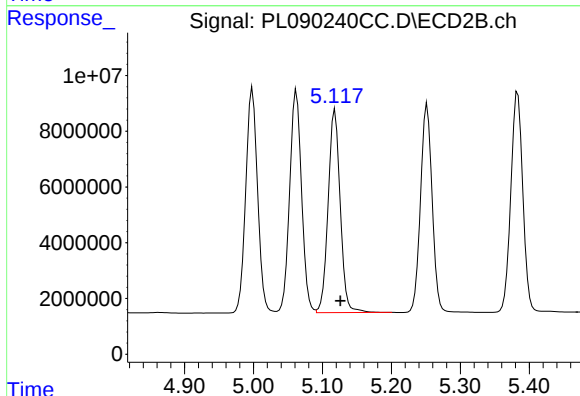
R.T.: 4.748 min  
Delta R.T.: -0.007 min  
Response: 95880494  
Conc: 52.24 ng/ml



#9 Endosulfan I

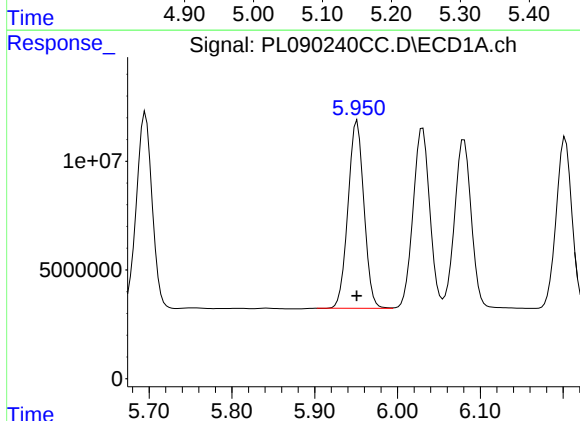
R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 109351676  
Conc: 48.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



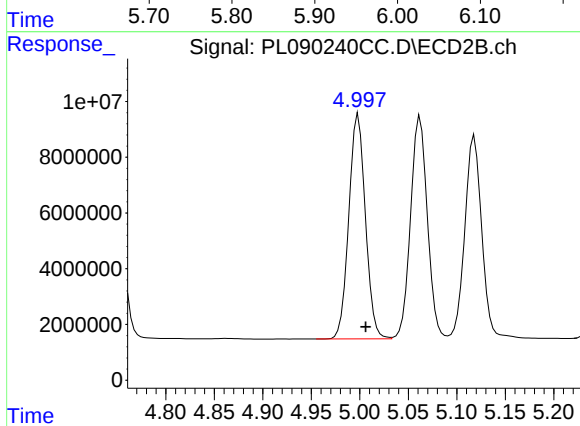
#9 Endosulfan I

R.T.: 5.118 min  
Delta R.T.: -0.008 min  
Response: 88760394  
Conc: 51.96 ng/ml



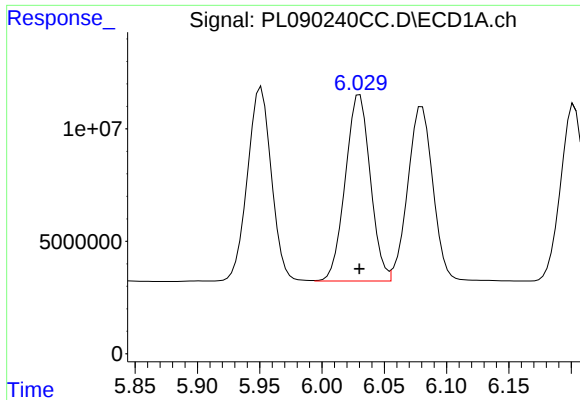
#10 gamma-Chlordane

R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 115327415  
Conc: 47.69 ng/ml



#10 gamma-Chlordane

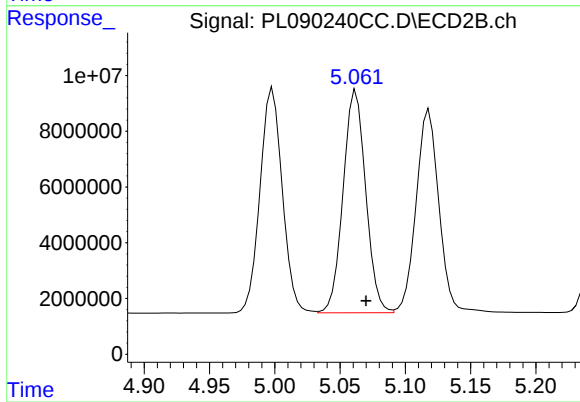
R.T.: 4.998 min  
Delta R.T.: -0.008 min  
Response: 95987352  
Conc: 51.50 ng/ml



#11 alpha-Chlordane

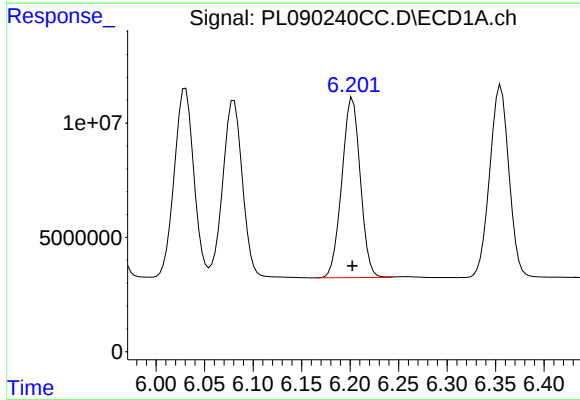
R.T.: 6.030 min  
Delta R.T.: 0.000 min  
Response: 116202131  
Conc: 48.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



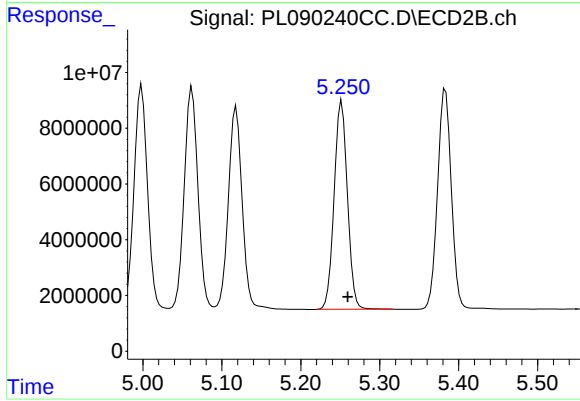
#11 alpha-Chlordane

R.T.: 5.062 min  
Delta R.T.: -0.008 min  
Response: 96274777  
Conc: 51.31 ng/ml



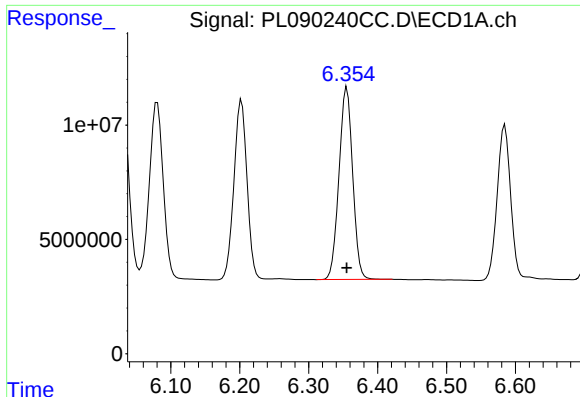
#12 4,4'-DDE

R.T.: 6.203 min  
Delta R.T.: 0.000 min  
Response: 103997997  
Conc: 47.81 ng/ml



#12 4,4'-DDE

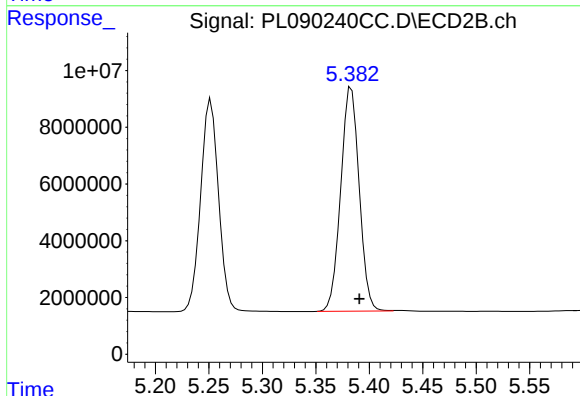
R.T.: 5.252 min  
Delta R.T.: -0.008 min  
Response: 87435860  
Conc: 52.34 ng/ml



#13 Dieldrin

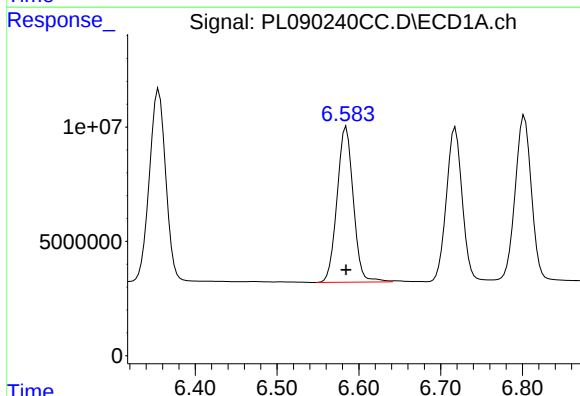
R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 116074598  
Conc: 48.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



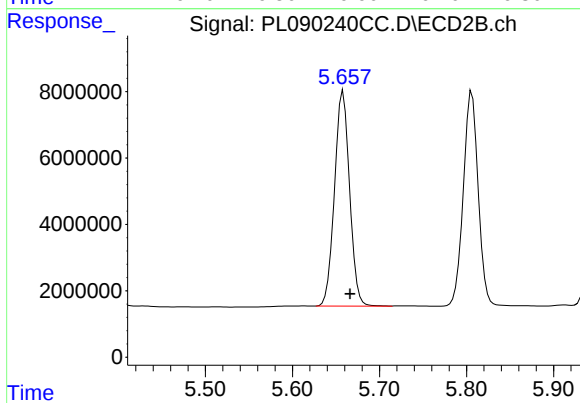
#13 Dieldrin

R.T.: 5.383 min  
Delta R.T.: -0.008 min  
Response: 95109910  
Conc: 51.62 ng/ml



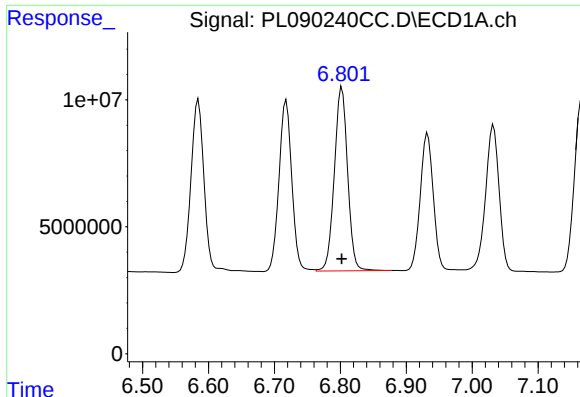
#14 Endrin

R.T.: 6.585 min  
Delta R.T.: 0.000 min  
Response: 93450093  
Conc: 46.48 ng/ml



#14 Endrin

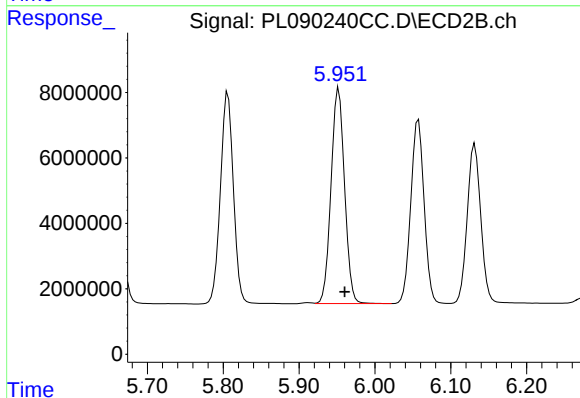
R.T.: 5.658 min  
Delta R.T.: -0.008 min  
Response: 78090194  
Conc: 47.67 ng/ml



#15 Endosulfan II

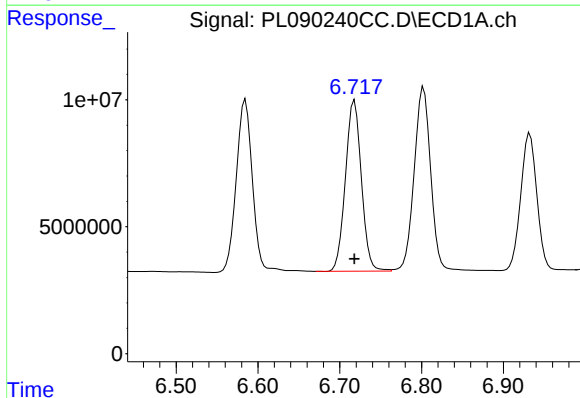
R.T.: 6.802 min  
Delta R.T.: 0.000 min  
Response: 101127422  
Conc: 48.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



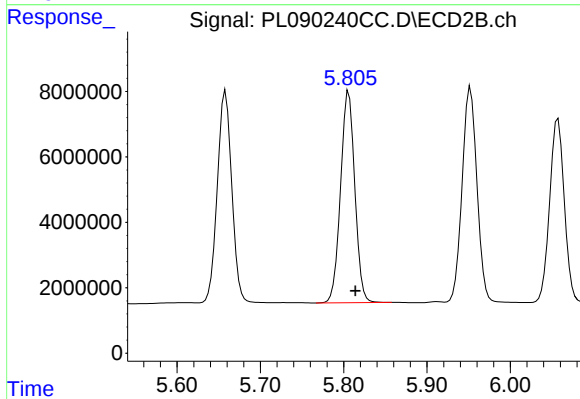
#15 Endosulfan II

R.T.: 5.952 min  
Delta R.T.: -0.008 min  
Response: 81527566  
Conc: 50.62 ng/ml



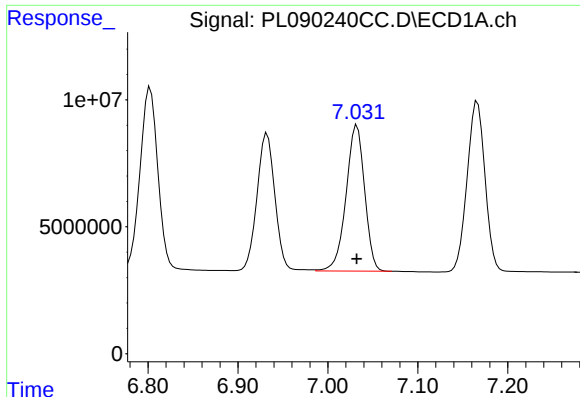
#16 4,4'-DDD

R.T.: 6.718 min  
Delta R.T.: 0.000 min  
Response: 90683251  
Conc: 51.77 ng/ml



#16 4,4'-DDD

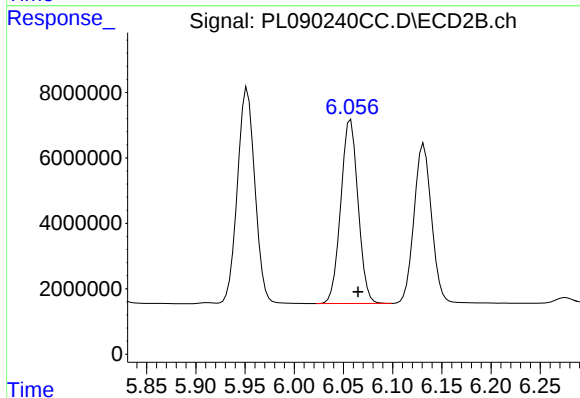
R.T.: 5.806 min  
Delta R.T.: -0.008 min  
Response: 76825442  
Conc: 54.50 ng/ml



#17 4,4'-DDT

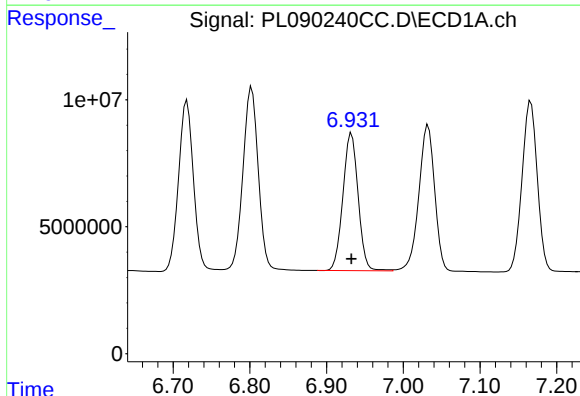
R.T.: 7.032 min  
Delta R.T.: 0.000 min  
Response: 82411318  
Conc: 44.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



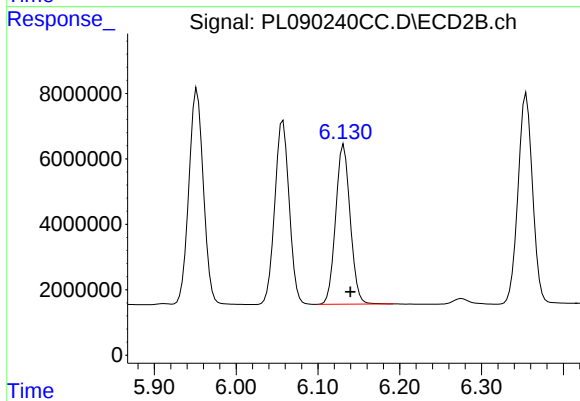
#17 4,4'-DDT

R.T.: 6.057 min  
Delta R.T.: -0.007 min  
Response: 68625571  
Conc: 45.19 ng/ml



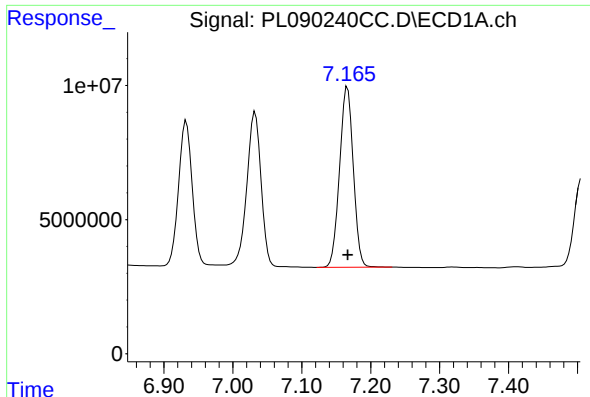
#18 Endrin aldehyde

R.T.: 6.932 min  
Delta R.T.: 0.000 min  
Response: 74916847  
Conc: 48.33 ng/ml



#18 Endrin aldehyde

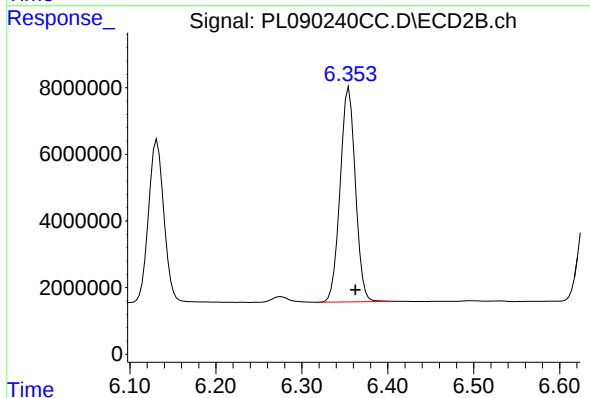
R.T.: 6.132 min  
Delta R.T.: -0.008 min  
Response: 60345147  
Conc: 49.73 ng/ml



#19 Endosulfan Sulfate

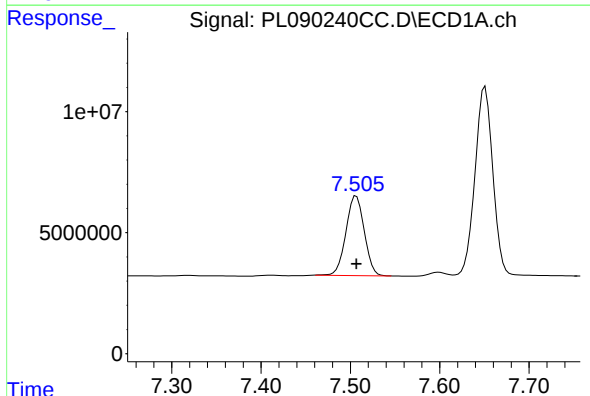
R.T.: 7.166 min  
Delta R.T.: 0.000 min  
Response: 93132164  
Conc: 48.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



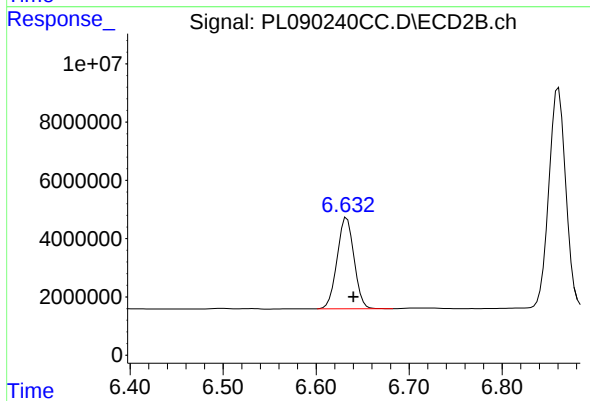
#19 Endosulfan Sulfate

R.T.: 6.355 min  
Delta R.T.: -0.007 min  
Response: 79433647  
Conc: 50.51 ng/ml



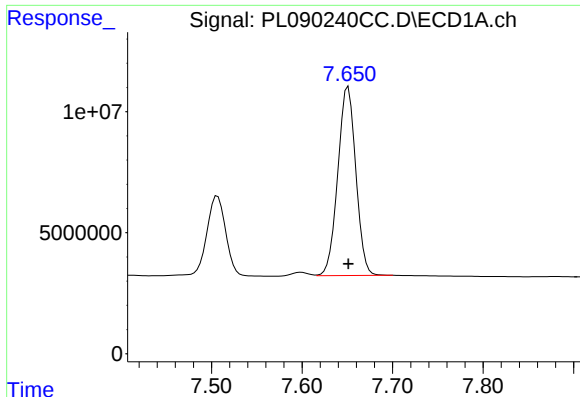
#20 Methoxychlor

R.T.: 7.507 min  
Delta R.T.: 0.000 min  
Response: 46942410  
Conc: 47.79 ng/ml



#20 Methoxychlor

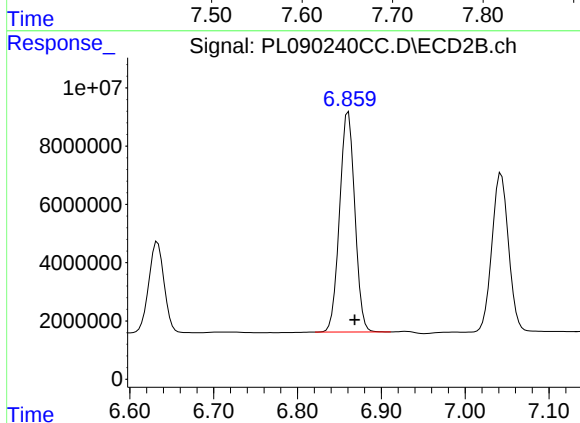
R.T.: 6.633 min  
Delta R.T.: -0.007 min  
Response: 39607414  
Conc: 44.52 ng/ml



#21 Endrin ketone

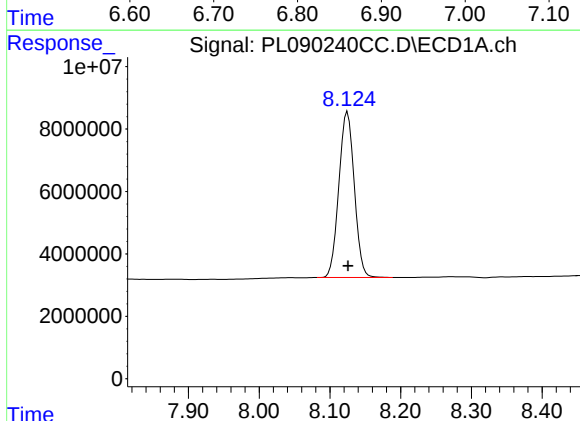
R.T.: 7.651 min  
Delta R.T.: 0.000 min  
Response: 107927974  
Conc: 51.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



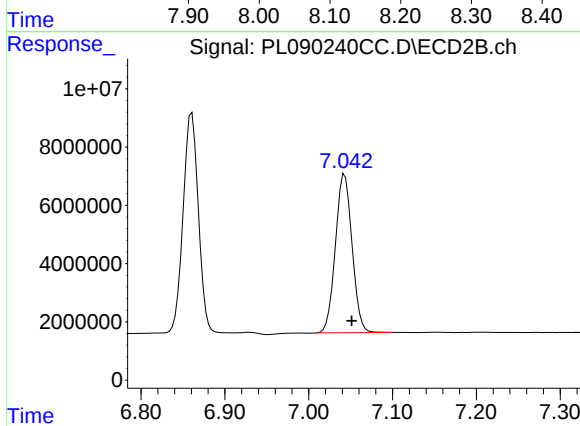
#21 Endrin ketone

R.T.: 6.861 min  
Delta R.T.: -0.008 min  
Response: 95302370  
Conc: 52.30 ng/ml



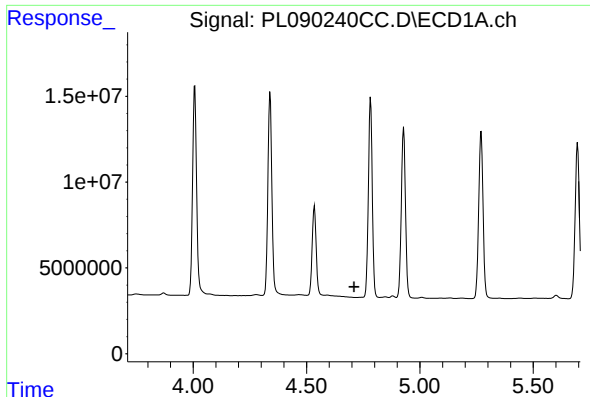
#22 Mirex

R.T.: 8.125 min  
Delta R.T.: 0.000 min  
Response: 80505132  
Conc: 48.39 ng/ml



#22 Mirex

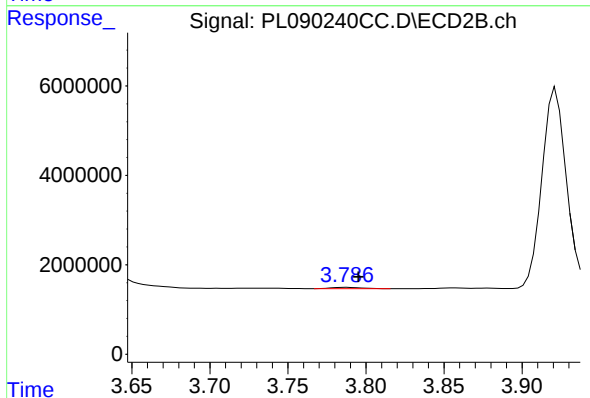
R.T.: 7.043 min  
Delta R.T.: -0.008 min  
Response: 75085835  
Conc: 48.89 ng/ml



#23 Chlordane-1

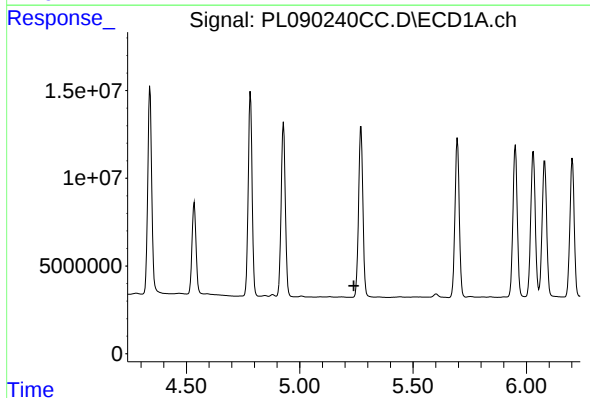
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



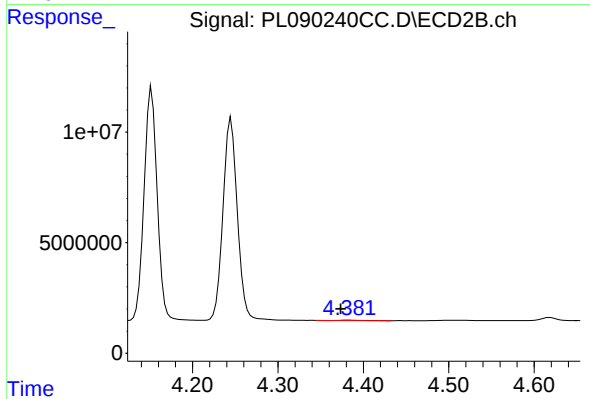
#23 Chlordane-1

R.T.: 3.787 min  
Delta R.T.: -0.008 min  
Response: 388465  
Conc: 5.92 ng/ml



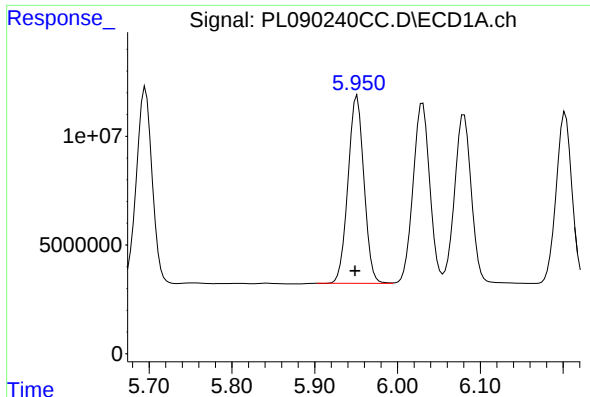
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.239 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

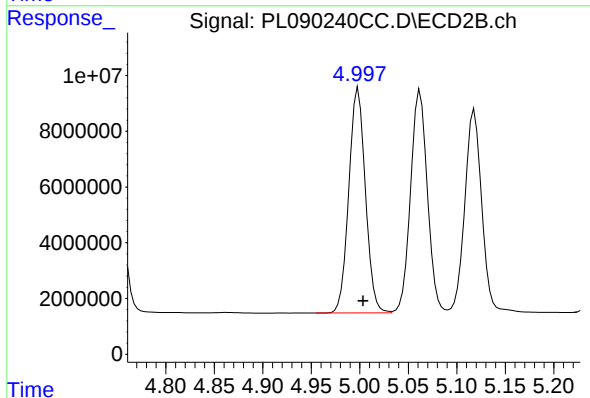
R.T.: 4.382 min  
Delta R.T.: 0.008 min  
Response: 180226  
Conc: 2.26 ng/ml



#25 Chlordane-3

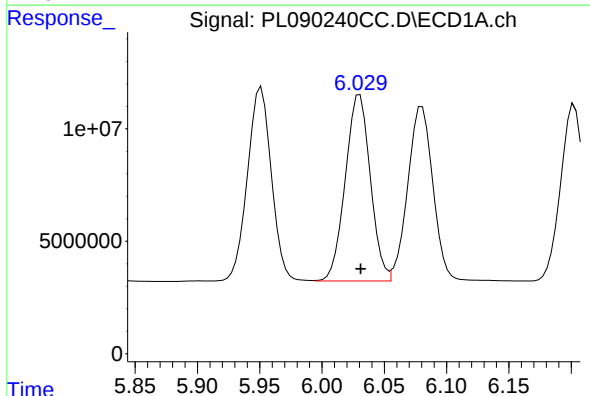
R.T.: 5.951 min  
Delta R.T.: 0.002 min  
Response: 115327415  
Conc: 288.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



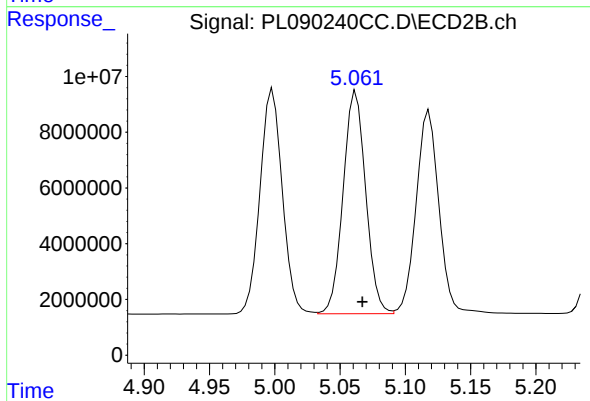
#25 Chlordane-3

R.T.: 4.998 min  
Delta R.T.: -0.005 min  
Response: 95987352  
Conc: 431.23 ng/ml



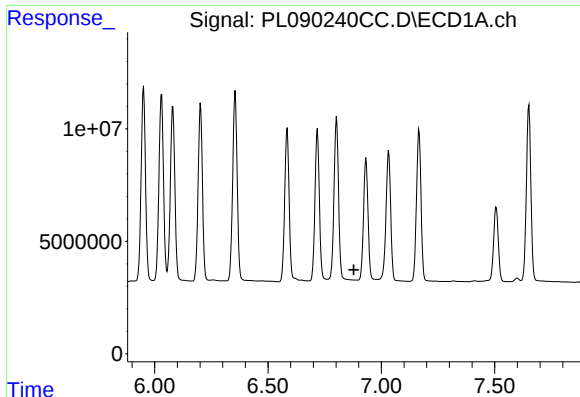
#26 Chlordane-4

R.T.: 6.030 min  
Delta R.T.: 0.000 min  
Response: 116202131  
Conc: 237.69 ng/ml



#26 Chlordane-4

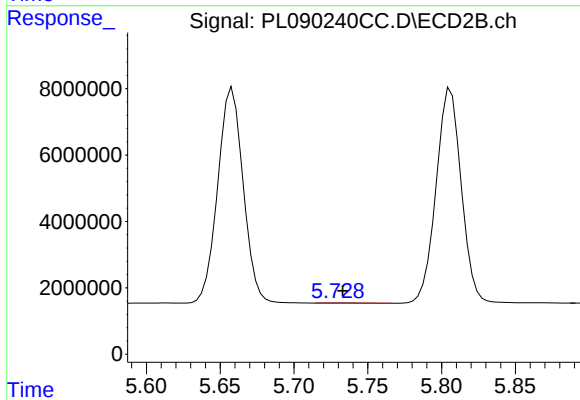
R.T.: 5.062 min  
Delta R.T.: -0.005 min  
Response: 96274777  
Conc: 455.33 ng/ml



#27 Chlordane-5

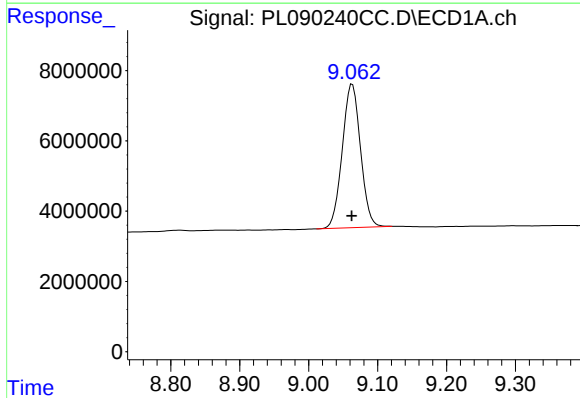
R.T.: 0.000 min  
Exp R.T.: 6.879 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



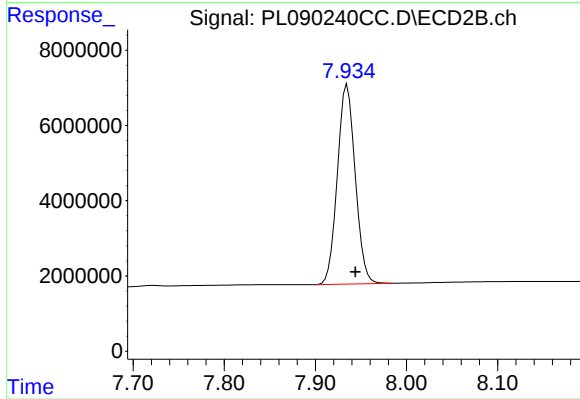
#27 Chlordane-5

R.T.: 5.730 min  
Delta R.T.: -0.003 min  
Response: 191361  
Conc: 2.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: 0.000 min  
Response: 75104036  
Conc: 51.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.935 min  
Delta R.T.: -0.009 min  
Response: 72194227  
Conc: 48.58 ng/ml