

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122124\  
 Data File : PL093479CC-2.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Dec 2024 19:07  
 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: Dec 21 00:02:51 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Nov 25 15:18:43 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|------------|
| -----                       |                 |       |       |          |          |         |            |
| System Monitoring Compounds |                 |       |       |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.540 | 2.776 | 128.6E6  | 152.0E6  | 49.497  | 52.699     |
| 2)                          | SA Decachlor... | 9.060 | 7.914 | 94347065 | 151.8E6  | 54.268  | 53.134     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.996 | 3.279 | 182.4E6  | 231.9E6  | 51.121  | 54.313     |
| 3)                          | MA gamma-BHC... | 4.328 | 3.609 | 173.6E6  | 223.9E6  | 51.373  | 54.095     |
| 4)                          | MA Heptachlor   | 4.917 | 3.947 | 155.9E6  | 222.7E6  | 51.009  | 55.041     |
| 5)                          | MB Aldrin       | 5.259 | 4.227 | 189.6E6  | 217.2E6  | 63.054  | 54.597     |
| 6)                          | B beta-BHC      | 4.527 | 3.909 | 74644335 | 94026752 | 49.442  | 52.858     |
| 7)                          | B delta-BHC     | 4.774 | 4.138 | 162.6E6  | 226.5E6  | 49.138  | 53.092     |
| 8)                          | B Heptachlo...  | 5.685 | 4.730 | 139.4E6  | 198.4E6  | 50.188  | 54.474     |
| 9)                          | A Endosulfan I  | 6.071 | 5.099 | 122.8E6  | 156.8E6  | 50.441  | 46.909     |
| 10)                         | B gamma-Chl...  | 5.941 | 4.980 | 130.2E6  | 201.5E6  | 50.548  | 54.372     |
| 11)                         | B alpha-Chl...  | 6.020 | 5.043 | 130.7E6  | 198.1E6  | 50.452  | 54.557     |
| 12)                         | B 4,4'-DDE      | 6.194 | 5.232 | 119.5E6  | 198.2E6  | 51.098  | 55.349     |
| 13)                         | MA Dieldrin     | 6.346 | 5.364 | 130.0E6  | 203.0E6  | 50.734  | 55.089     |
| 14)                         | MA Endrin       | 6.575 | 5.639 | 120.7E6  | 175.0E6  | 57.567  | 54.860     |
| 15)                         | B Endosulfa...  | 6.796 | 5.934 | 111.6E6  | 171.5E6  | 51.197  | 54.120     |
| 16)                         | A 4,4'-DDD      | 6.712 | 5.787 | 95357599 | 153.6E6  | 52.043  | 54.773     |
| 17)                         | MA 4,4'-DDT     | 7.025 | 6.037 | 99380210 | 162.7E6  | 51.550  | 54.930     |
| 18)                         | B Endrin al...  | 6.926 | 6.114 | 91406122 | 139.6E6  | 50.595  | 53.217     |
| 19)                         | B Endosulfa...  | 7.160 | 6.336 | 104.4E6  | 165.8E6  | 50.363  | 54.534     |
| 20)                         | A Methoxychlor  | 7.502 | 6.613 | 53567974 | 87010001 | 51.267  | 56.983     |
| 21)                         | B Endrin ke...  | 7.646 | 6.842 | 115.4E6  | 186.8E6  | 50.838  | 55.649     |
| 22)                         | Mirex           | 8.119 | 7.022 | 93581964 | 146.9E6  | 51.810  | 54.684     |
| 24)                         | Chlordane-2     | 0.000 | 4.366 | 0        | 10631999 | N.D.    | 79.346 #   |
| 25)                         | Chlordane-3     | 5.941 | 4.980 | 130.2E6  | 201.5E6  | 341.607 | 501.364 #  |
| 26)                         | Chlordane-4     | 6.020 | 5.043 | 130.7E6  | 198.1E6  | 281.233 | 507.770 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.934 | 0        | 171.5E6  | N.D.    | 1251.641 # |
| -----                       |                 |       |       |          |          |         |            |

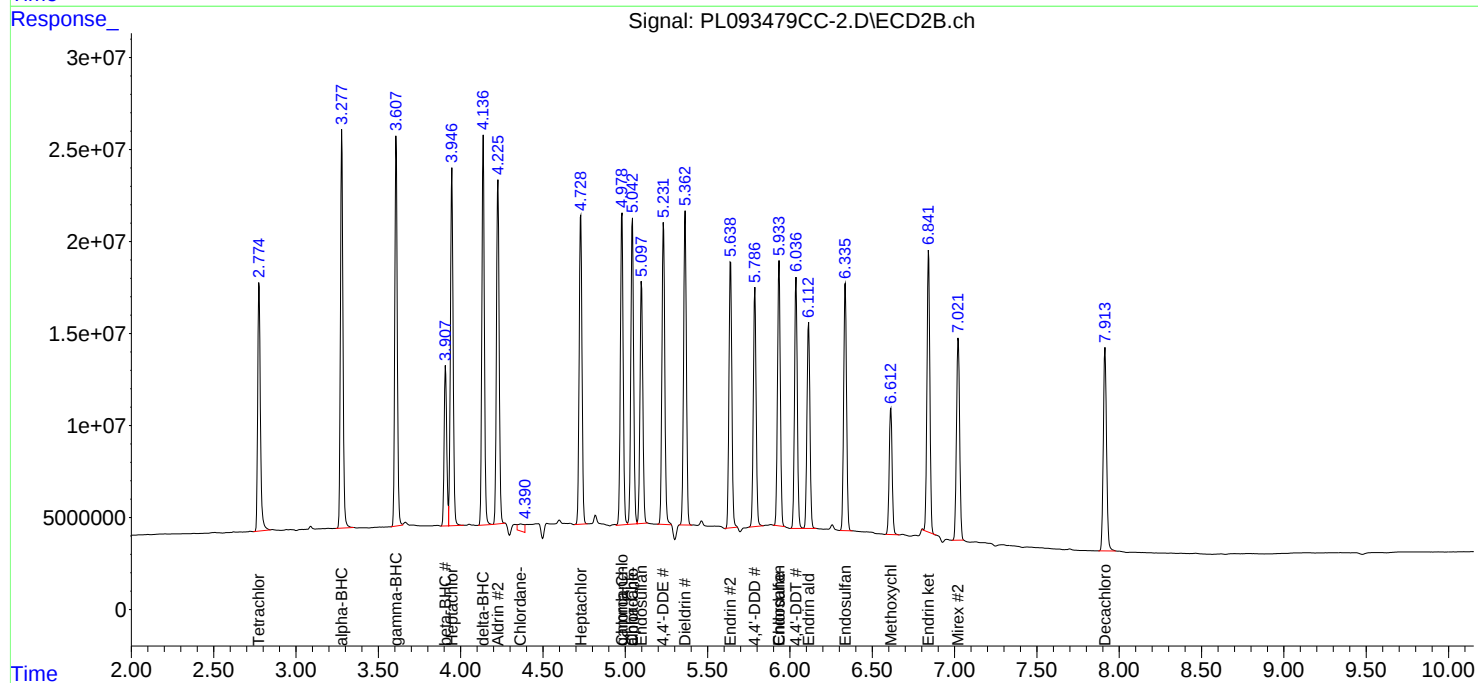
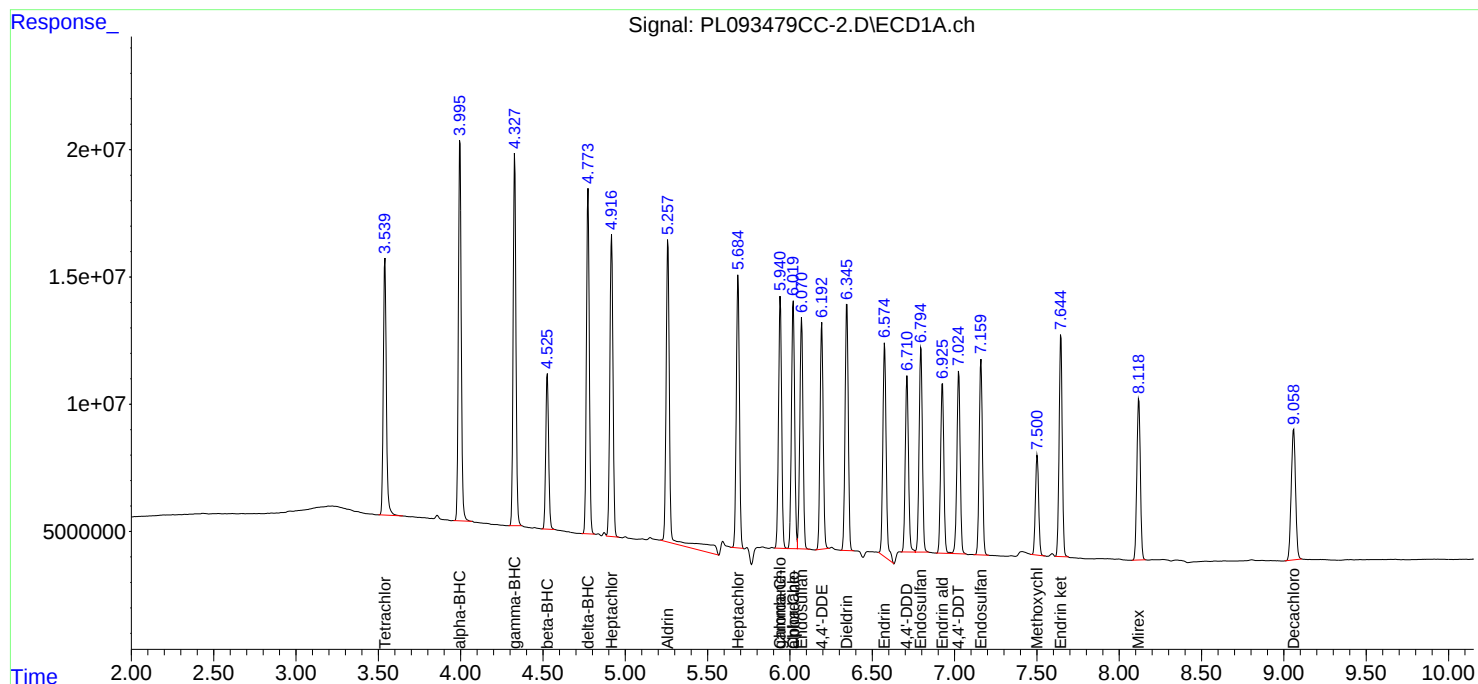
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

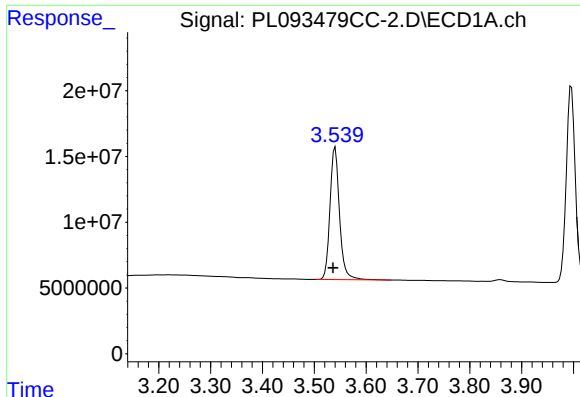
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122124\  
Data File : PL093479CC-2.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Dec 2024 19:07  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 21 00:02:51 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112524.M  
Quant Title : GC Extractables  
QLast Update : Mon Nov 25 15:18:43 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

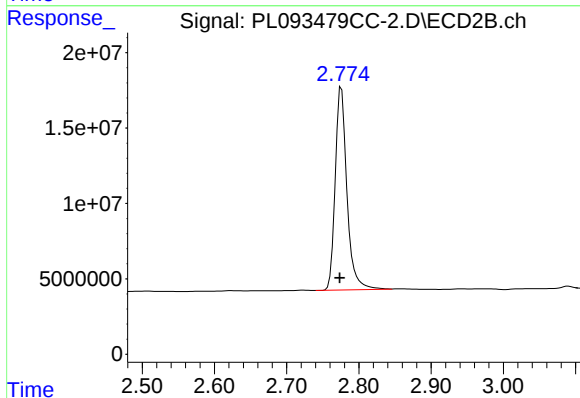




#1 Tetrachloro-m-xylene

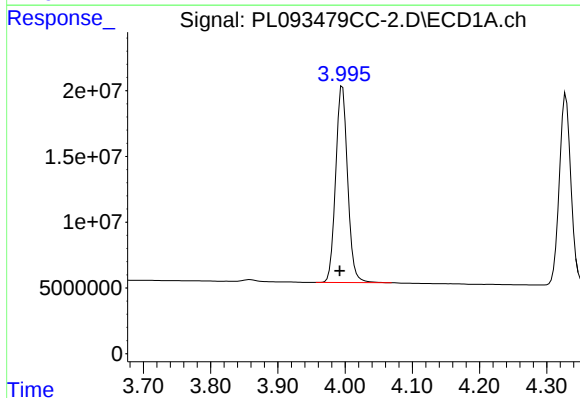
R.T.: 3.540 min  
Delta R.T.: 0.004 min  
Response: 128640046  
Conc: 49.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



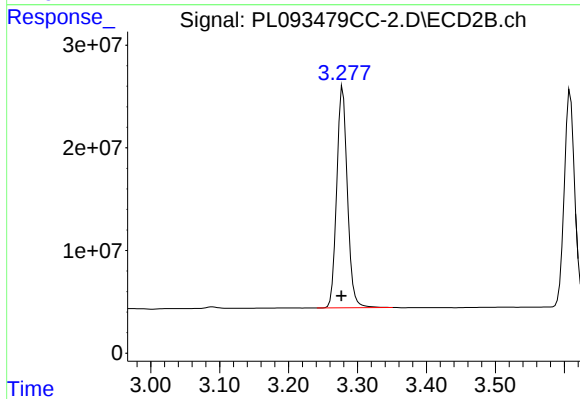
#1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: 0.002 min  
Response: 151983550  
Conc: 52.70 ng/ml



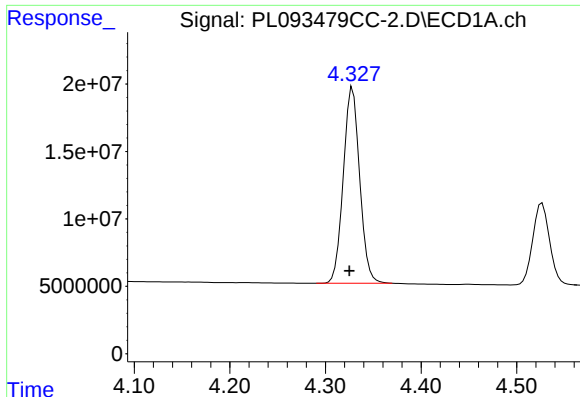
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: 0.004 min  
Response: 182422349  
Conc: 51.12 ng/ml



#2 alpha-BHC

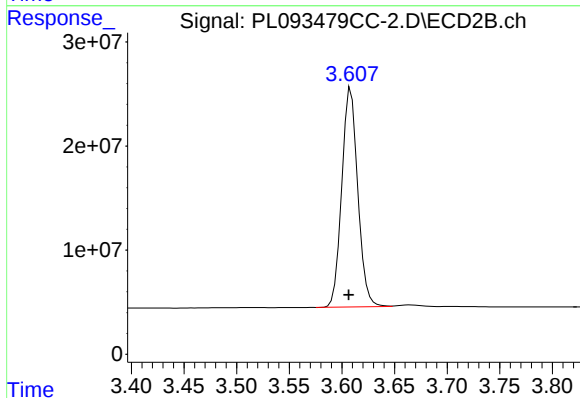
R.T.: 3.279 min  
Delta R.T.: 0.002 min  
Response: 231886080  
Conc: 54.31 ng/ml



#3 gamma-BHC (Lindane)

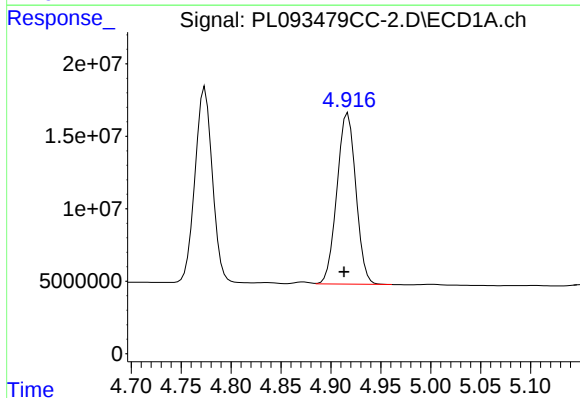
R.T.: 4.328 min  
Delta R.T.: 0.004 min  
Response: 173572755  
Conc: 51.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



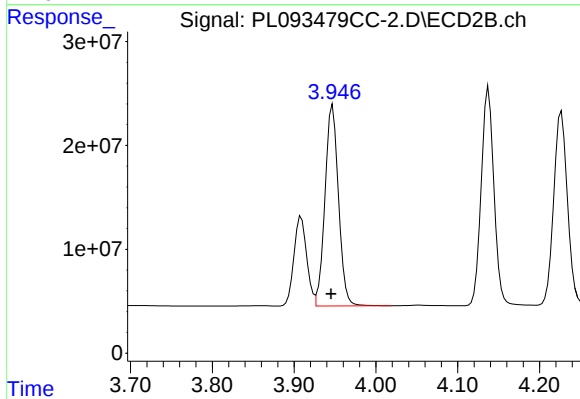
#3 gamma-BHC (Lindane)

R.T.: 3.609 min  
Delta R.T.: 0.002 min  
Response: 223939143  
Conc: 54.09 ng/ml



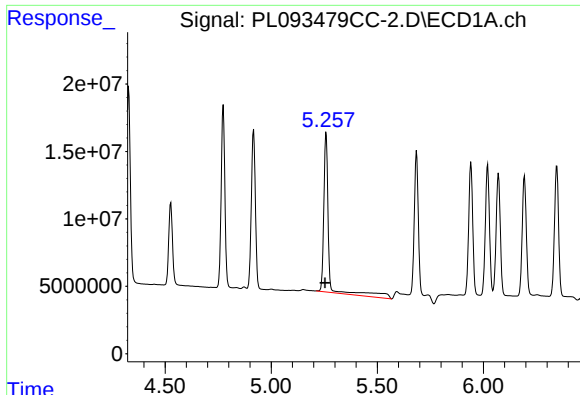
#4 Heptachlor

R.T.: 4.917 min  
Delta R.T.: 0.004 min  
Response: 155889260  
Conc: 51.01 ng/ml



#4 Heptachlor

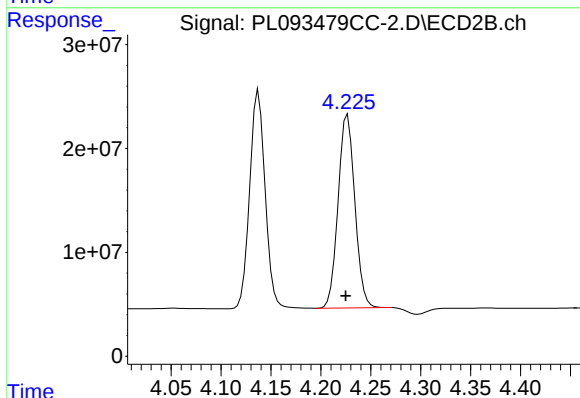
R.T.: 3.947 min  
Delta R.T.: 0.002 min  
Response: 222671645  
Conc: 55.04 ng/ml



#5 Aldrin

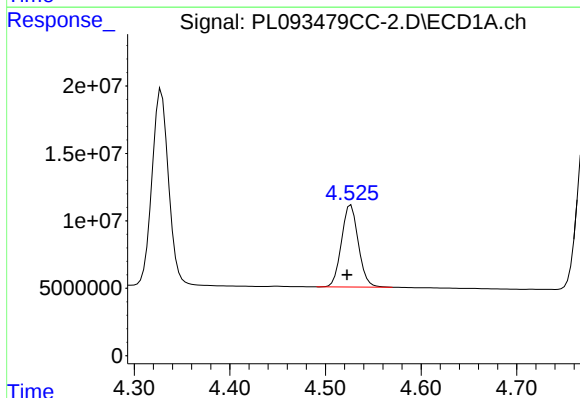
R.T.: 5.259 min  
Delta R.T.: 0.004 min  
Response: 189614396  
Conc: 63.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



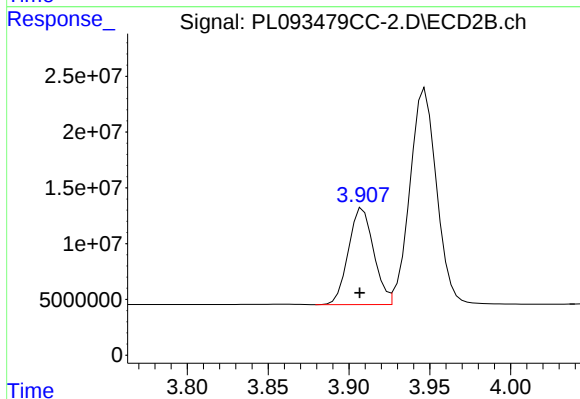
#5 Aldrin

R.T.: 4.227 min  
Delta R.T.: 0.002 min  
Response: 217234391  
Conc: 54.60 ng/ml



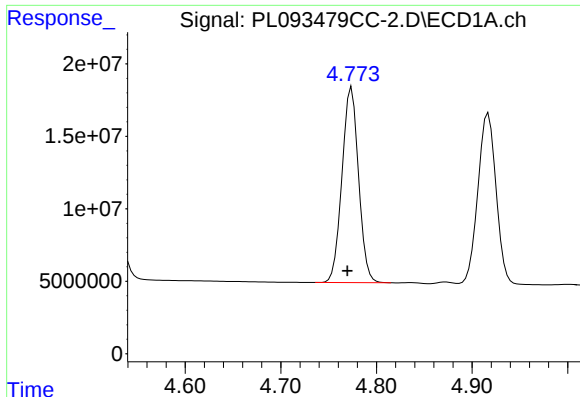
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.004 min  
Response: 74644335  
Conc: 49.44 ng/ml



#6 beta-BHC

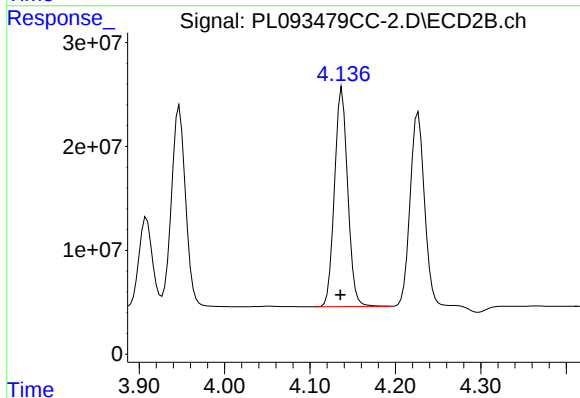
R.T.: 3.909 min  
Delta R.T.: 0.002 min  
Response: 94026752  
Conc: 52.86 ng/ml



#7 delta-BHC

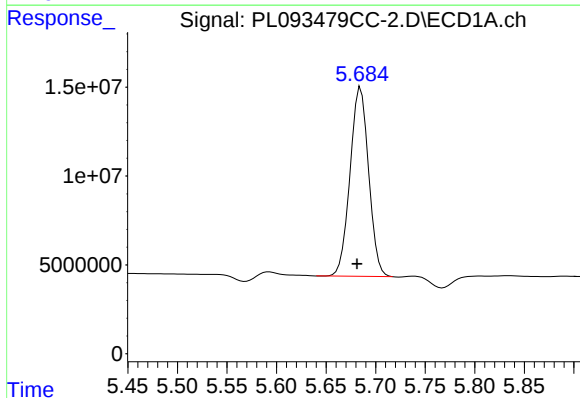
R.T.: 4.774 min  
Delta R.T.: 0.004 min  
Response: 162579615  
Conc: 49.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



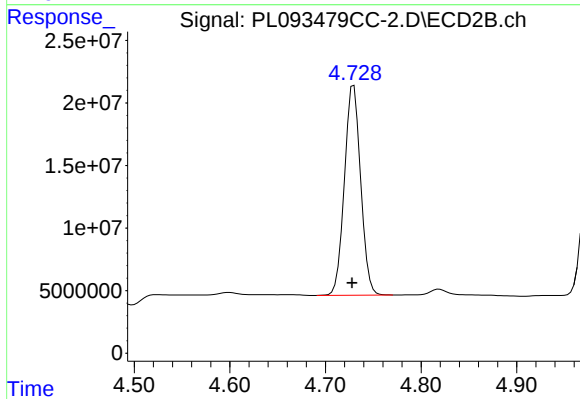
#7 delta-BHC

R.T.: 4.138 min  
Delta R.T.: 0.002 min  
Response: 226517328  
Conc: 53.09 ng/ml



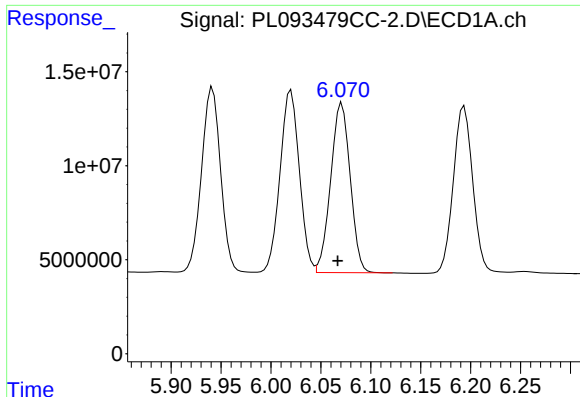
#8 Heptachlor epoxide

R.T.: 5.685 min  
Delta R.T.: 0.004 min  
Response: 139357603  
Conc: 50.19 ng/ml



#8 Heptachlor epoxide

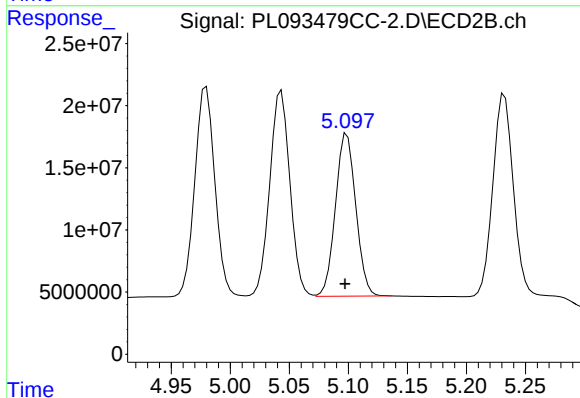
R.T.: 4.730 min  
Delta R.T.: 0.002 min  
Response: 198405445  
Conc: 54.47 ng/ml



#9 Endosulfan I

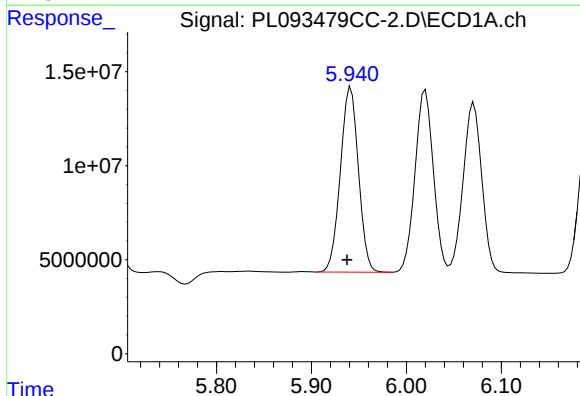
R.T.: 6.071 min  
Delta R.T.: 0.004 min  
Response: 122784128  
Conc: 50.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



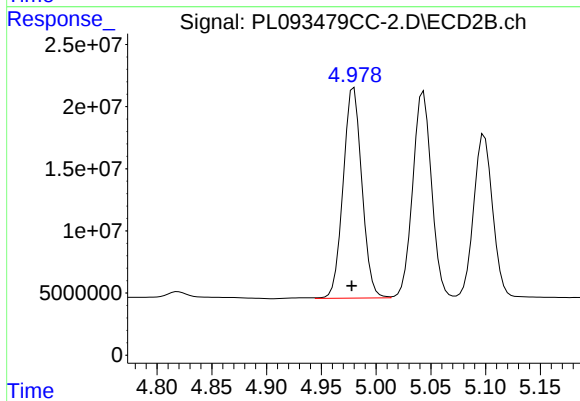
#9 Endosulfan I

R.T.: 5.099 min  
Delta R.T.: 0.002 min  
Response: 156816219  
Conc: 46.91 ng/ml



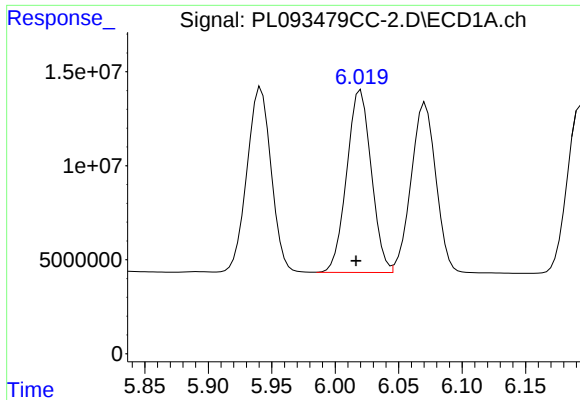
#10 gamma-Chlordane

R.T.: 5.941 min  
Delta R.T.: 0.004 min  
Response: 130228361  
Conc: 50.55 ng/ml



#10 gamma-Chlordane

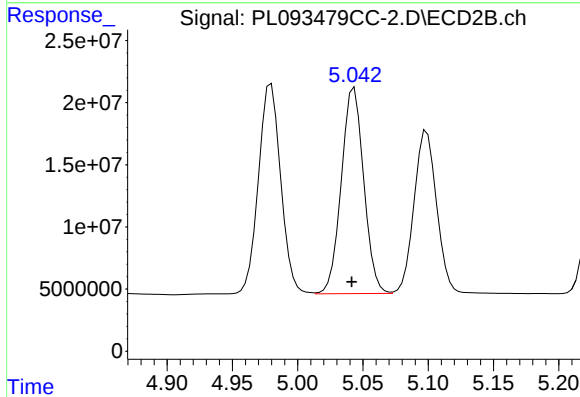
R.T.: 4.980 min  
Delta R.T.: 0.002 min  
Response: 201455348  
Conc: 54.37 ng/ml



#11 alpha-Chlordane

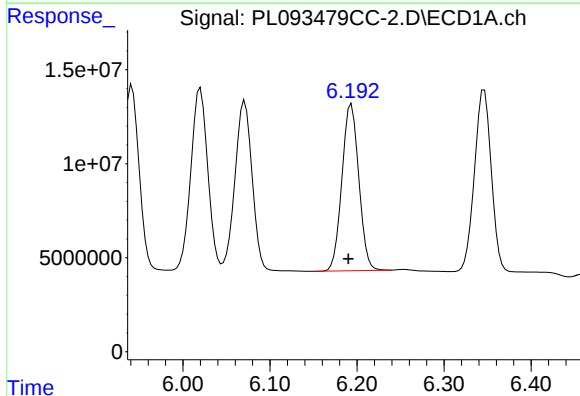
R.T.: 6.020 min  
Delta R.T.: 0.004 min  
Response: 130723775  
Conc: 50.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



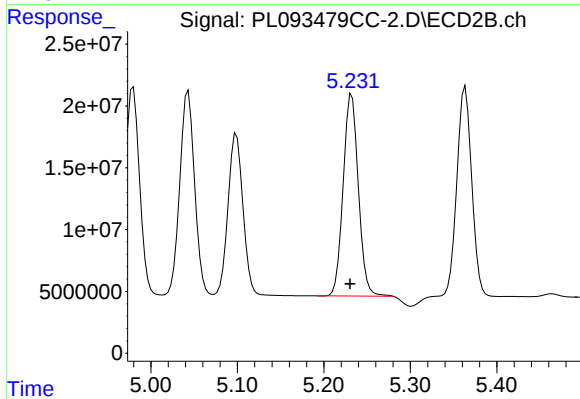
#11 alpha-Chlordane

R.T.: 5.043 min  
Delta R.T.: 0.002 min  
Response: 198056154  
Conc: 54.56 ng/ml



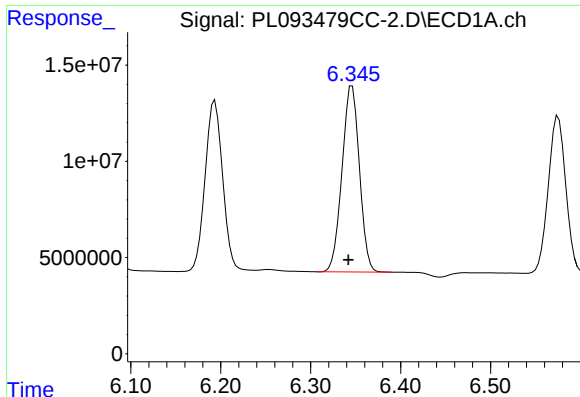
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: 0.003 min  
Response: 119535476  
Conc: 51.10 ng/ml



#12 4,4'-DDE

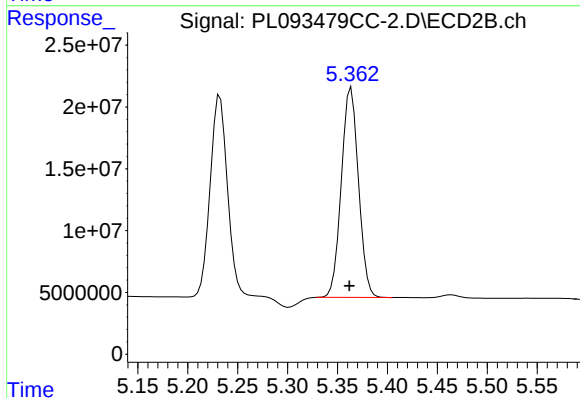
R.T.: 5.232 min  
Delta R.T.: 0.002 min  
Response: 198152288  
Conc: 55.35 ng/ml



#13 Dieldrin

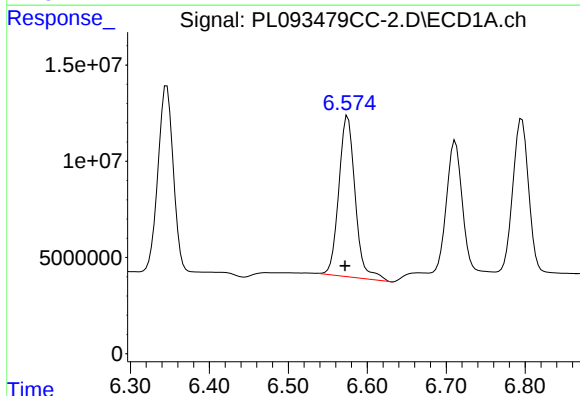
R.T.: 6.346 min  
Delta R.T.: 0.004 min  
Response: 130038335  
Conc: 50.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



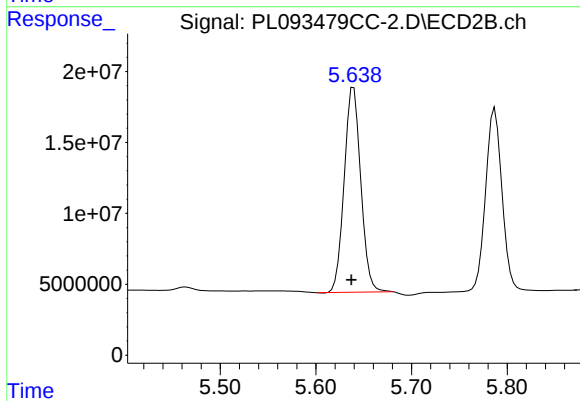
#13 Dieldrin

R.T.: 5.364 min  
Delta R.T.: 0.002 min  
Response: 203032588  
Conc: 55.09 ng/ml



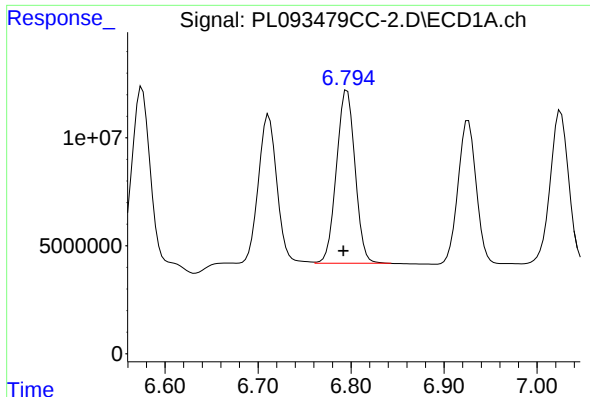
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: 0.004 min  
Response: 120746327  
Conc: 57.57 ng/ml



#14 Endrin

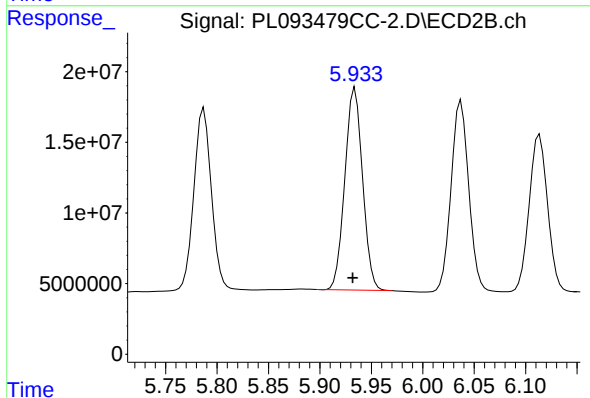
R.T.: 5.639 min  
Delta R.T.: 0.002 min  
Response: 174961264  
Conc: 54.86 ng/ml



#15 Endosulfan II

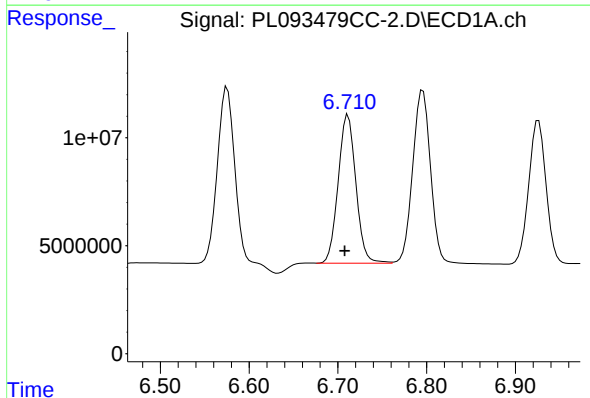
R.T.: 6.796 min  
Delta R.T.: 0.004 min  
Response: 111635181  
Conc: 51.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



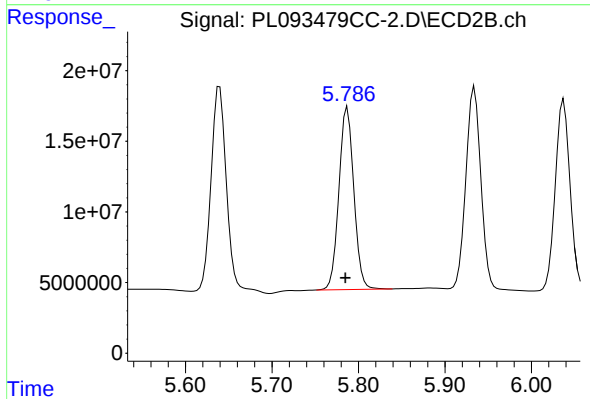
#15 Endosulfan II

R.T.: 5.934 min  
Delta R.T.: 0.002 min  
Response: 171505472  
Conc: 54.12 ng/ml



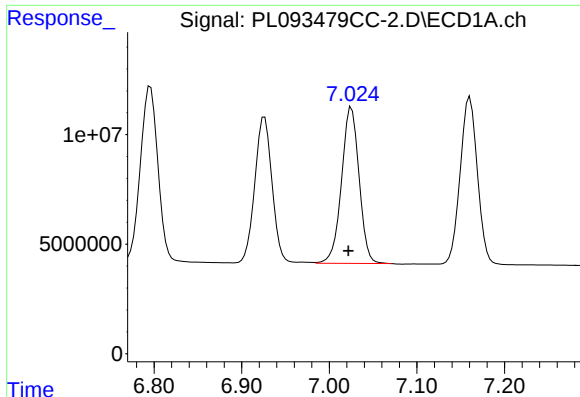
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: 0.004 min  
Response: 95357599  
Conc: 52.04 ng/ml



#16 4,4'-DDD

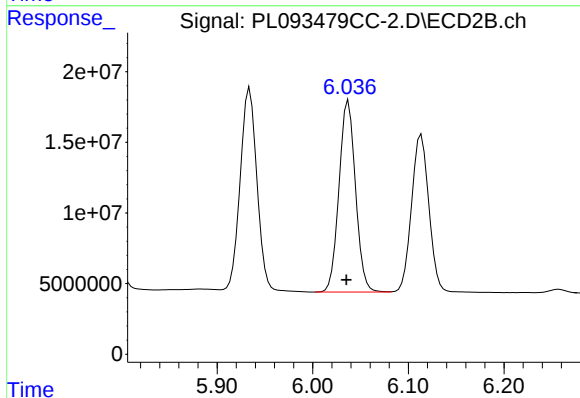
R.T.: 5.787 min  
Delta R.T.: 0.002 min  
Response: 153551397  
Conc: 54.77 ng/ml



#17 4,4'-DDT

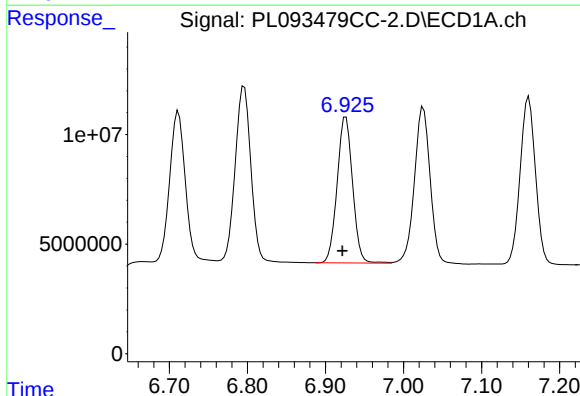
R.T.: 7.025 min  
Delta R.T.: 0.004 min  
Response: 99380210  
Conc: 51.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



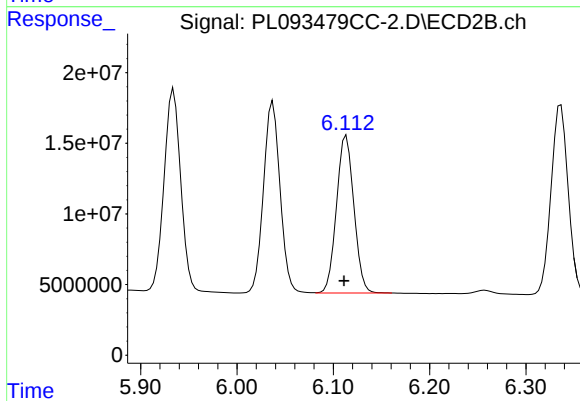
#17 4,4'-DDT

R.T.: 6.037 min  
Delta R.T.: 0.002 min  
Response: 162691128  
Conc: 54.93 ng/ml



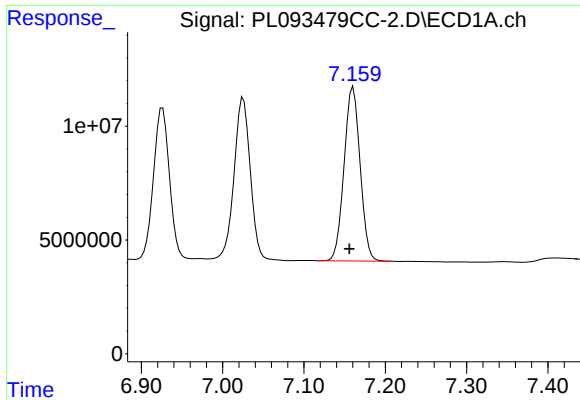
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.004 min  
Response: 91406122  
Conc: 50.60 ng/ml



#18 Endrin aldehyde

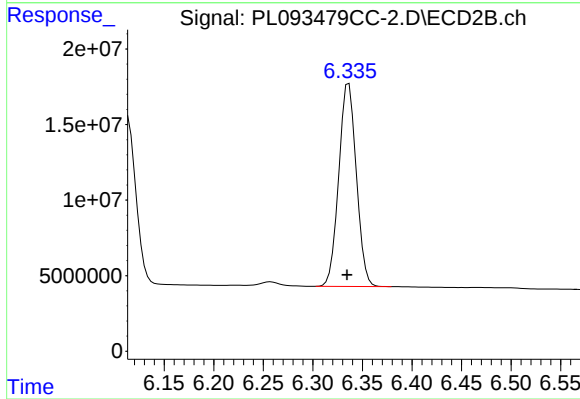
R.T.: 6.114 min  
Delta R.T.: 0.002 min  
Response: 139552530  
Conc: 53.22 ng/ml



#19 Endosulfan Sulfate

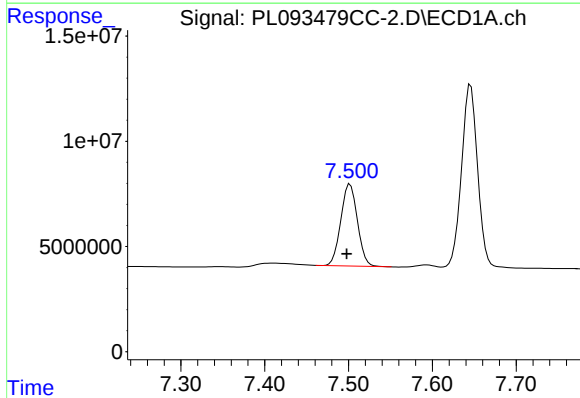
R.T.: 7.160 min  
Delta R.T.: 0.004 min  
Response: 104385950  
Conc: 50.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



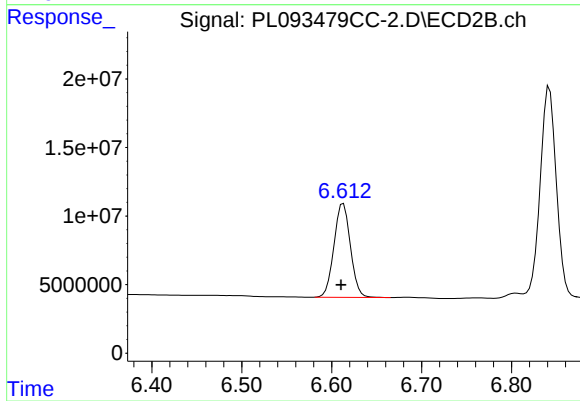
#19 Endosulfan Sulfate

R.T.: 6.336 min  
Delta R.T.: 0.002 min  
Response: 165765772  
Conc: 54.53 ng/ml



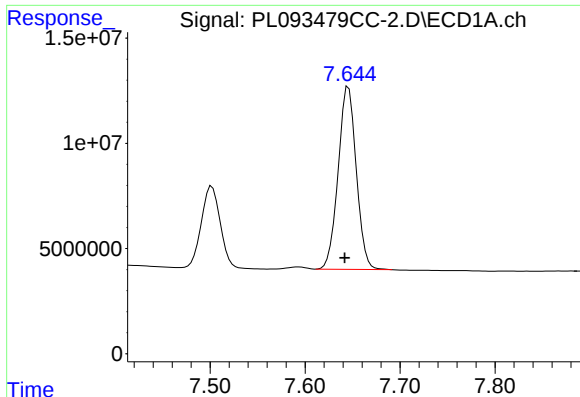
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: 0.004 min  
Response: 53567974  
Conc: 51.27 ng/ml



#20 Methoxychlor

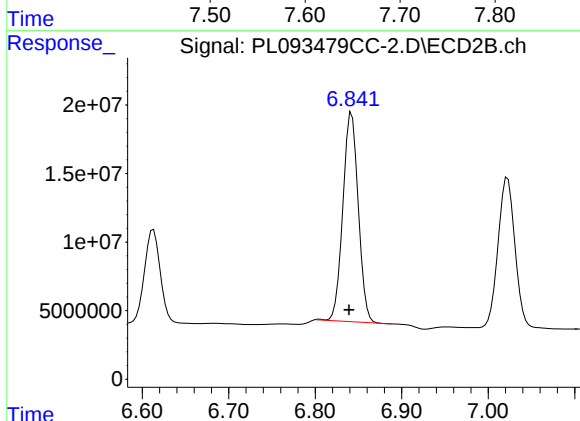
R.T.: 6.613 min  
Delta R.T.: 0.003 min  
Response: 87010001  
Conc: 56.98 ng/ml



#21 Endrin ketone

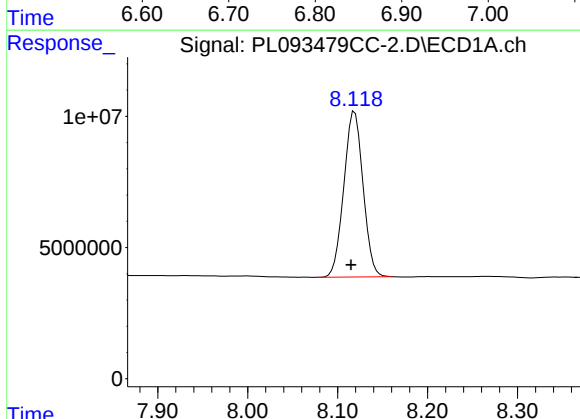
R.T.: 7.646 min  
Delta R.T.: 0.004 min  
Response: 115364254  
Conc: 50.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



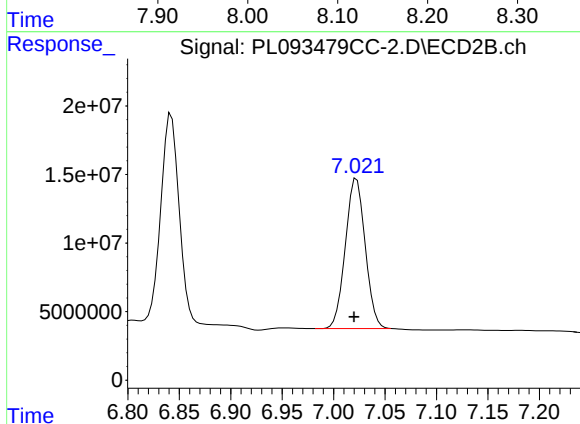
#21 Endrin ketone

R.T.: 6.842 min  
Delta R.T.: 0.003 min  
Response: 186813730  
Conc: 55.65 ng/ml



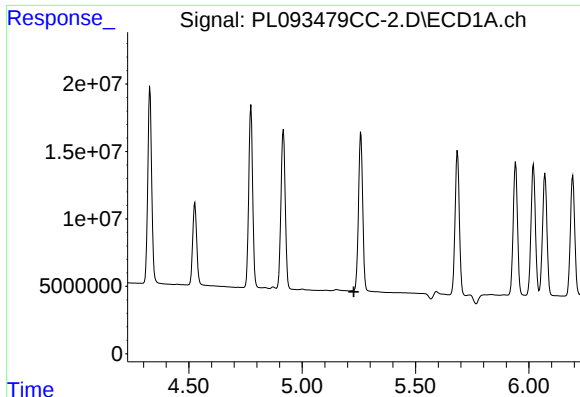
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: 0.004 min  
Response: 93581964  
Conc: 51.81 ng/ml



#22 Mirex

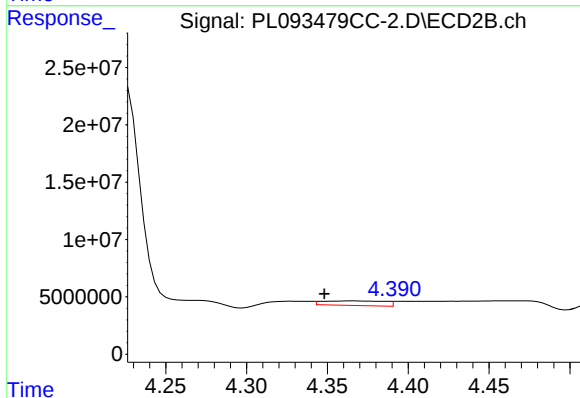
R.T.: 7.022 min  
Delta R.T.: 0.002 min  
Response: 146910411  
Conc: 54.68 ng/ml



#24 Chlordane-2

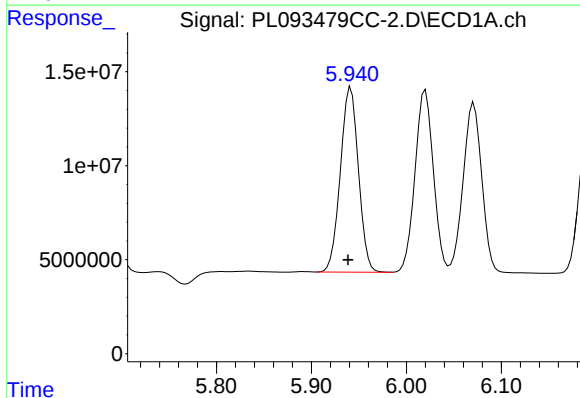
R.T.: 0.000 min  
Exp R.T.: 5.228 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



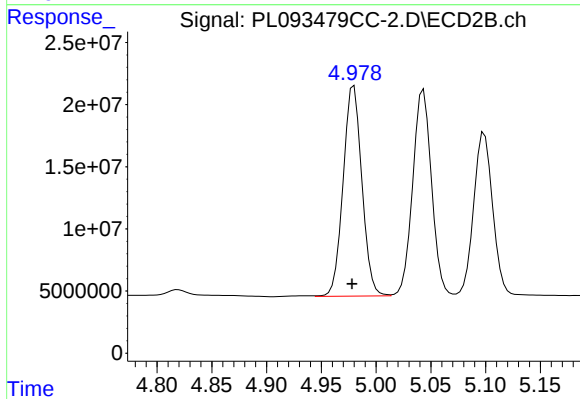
#24 Chlordane-2

R.T.: 4.366 min  
Delta R.T.: 0.017 min  
Response: 10631999  
Conc: 79.35 ng/ml



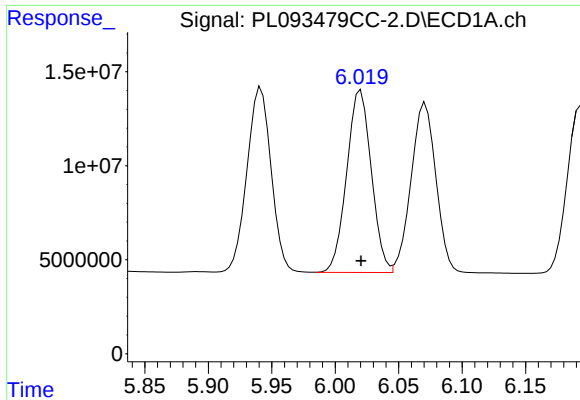
#25 Chlordane-3

R.T.: 5.941 min  
Delta R.T.: 0.003 min  
Response: 130228361  
Conc: 341.61 ng/ml



#25 Chlordane-3

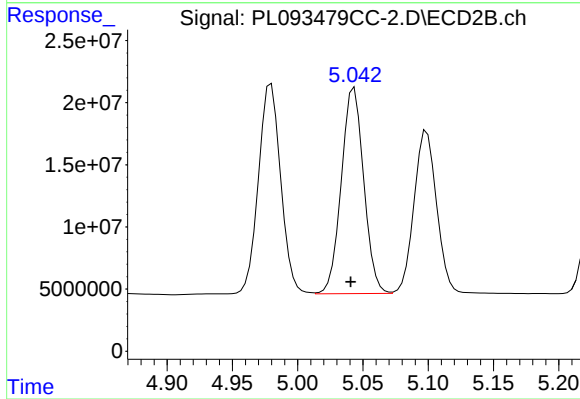
R.T.: 4.980 min  
Delta R.T.: 0.002 min  
Response: 201455348  
Conc: 501.36 ng/ml



#26 Chlordane-4

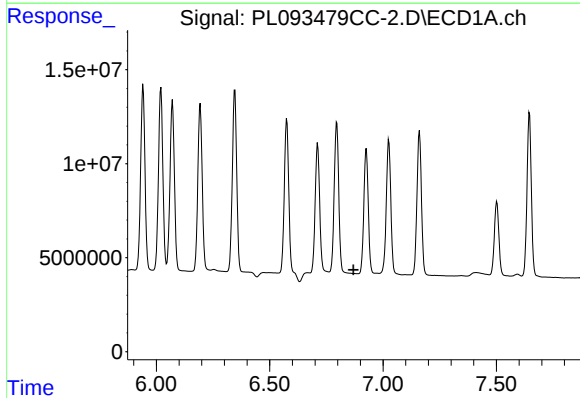
R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 130723775  
Conc: 281.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



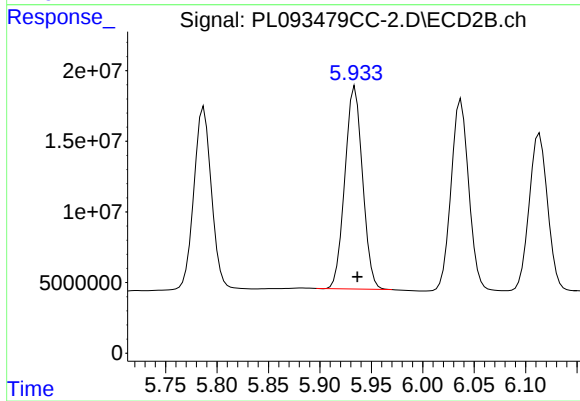
#26 Chlordane-4

R.T.: 5.043 min  
Delta R.T.: 0.003 min  
Response: 198056154  
Conc: 507.77 ng/ml



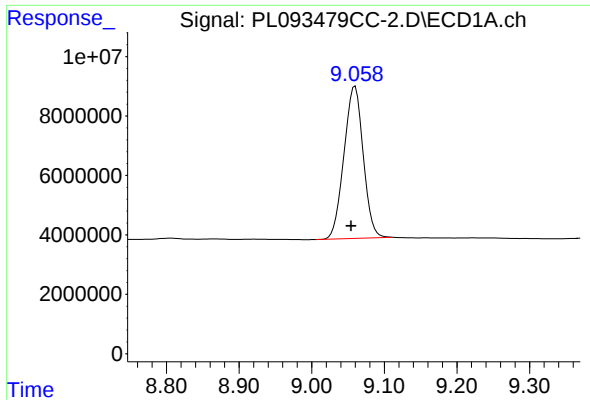
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.870 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

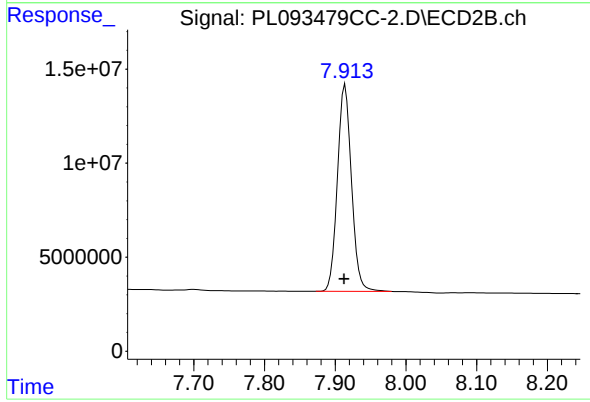
R.T.: 5.934 min  
Delta R.T.: -0.002 min  
Response: 171505472  
Conc: 1251.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min  
Delta R.T.: 0.006 min  
Response: 94347065  
Conc: 54.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.914 min  
Delta R.T.: 0.002 min  
Response: 151775252  
Conc: 53.13 ng/ml