

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083124\  
 Data File : PL091436.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Aug 2024 21:21  
 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: Aug 30 05:13:32 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 13:09:19 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... | 3.543  | 2.783 | 104.3E6  | 112.1E6  | 48.591   | 57.430    |
| 28)                         | SA Decachlor... | 9.052  | 7.921 | 76844813 | 95078191 | 50.405   | 50.197    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.998  | 3.286 | 144.9E6  | 160.4E6  | 48.343   | 57.840    |
| 3)                          | MA gamma-BHC... | 4.330  | 3.616 | 137.8E6  | 148.5E6  | 48.044   | 56.371    |
| 4)                          | MA Heptachlor   | 4.918  | 3.956 | 107.8E6  | 119.9E6  | 40.474   | 46.442    |
| 5)                          | MB Aldrin       | 5.260  | 4.236 | 121.7E6  | 135.1E6  | 47.162   | 54.953    |
| 6)                          | B beta-BHC      | 4.526  | 3.915 | 66065567 | 65911206 | 48.852   | 55.996    |
| 7)                          | B delta-BHC     | 4.774  | 4.144 | 137.5E6  | 151.7E6  | 50.508   | 59.857    |
| 8)                          | B Heptachlo...  | 5.686  | 4.738 | 112.6E6  | 121.2E6  | 46.033   | 53.765    |
| 9)                          | A Endosulfan I  | 6.071  | 5.108 | 103.9E6  | 112.1E6  | 46.287   | 53.104    |
| 10)                         | B gamma-Chl...  | 5.941  | 4.988 | 116.5E6  | 127.4E6  | 48.220   | 53.873    |
| 11)                         | B alpha-Chl...  | 6.020  | 5.051 | 112.1E6  | 124.2E6  | 46.552   | 52.788    |
| 12)                         | B 4,4'-DDE      | 6.193  | 5.240 | 99968681 | 113.4E6  | 47.784   | 54.259    |
| 13)                         | MA Dieldrin     | 6.345  | 5.372 | 110.9E6  | 120.6E6  | 47.106   | 52.962    |
| 14)                         | MA Endrin       | 6.575  | 5.647 | 85300543 | 99798616 | 43.987   | 48.990    |
| 15)                         | B Endosulfa...  | 6.794  | 5.940 | 97840675 | 105.3E6  | 48.348   | 54.440    |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.794 | 85544312 | 95810203 | 56.600   | 58.039    |
| 17)                         | MA 4,4'-DDT     | 7.023  | 6.044 | 66928616 | 68313041 | 37.705   | 38.456    |
| 18)                         | B Endrin al...  | 6.923  | 6.120 | 73261854 | 77756428 | 45.892   | 49.918    |
| 19)                         | B Endosulfa...  | 7.158  | 6.343 | 92131100 | 101.2E6  | 48.019   | 52.493    |
| 20)                         | A Methoxychlor  | 7.498  | 6.619 | 34028850 | 35785858 | 36.191   | 36.039    |
| 21)                         | B Endrin ke...  | 7.642  | 6.847 | 101.2E6  | 115.5E6  | 48.193   | 53.045    |
| 22)                         | Mirex           | 8.116  | 7.029 | 78375177 | 91465514 | 46.072   | 49.006    |
| 24)                         | Chlordane-2     | 5.260f | 4.373 | 121.7E6  | 645678   | 1198.761 | 6.872 #   |
| 25)                         | Chlordane-3     | 5.941  | 4.988 | 116.5E6  | 127.4E6  | 335.476  | 524.439 # |
| 26)                         | Chlordane-4     | 6.020  | 5.051 | 112.1E6  | 124.2E6  | 266.478  | 532.603 # |
| 27)                         | Chlordane-5     | 0.000  | 5.718 | 0        | 219460   | N.D.     | 3.170 #   |
| -----                       |                 |        |       |          |          |          |           |

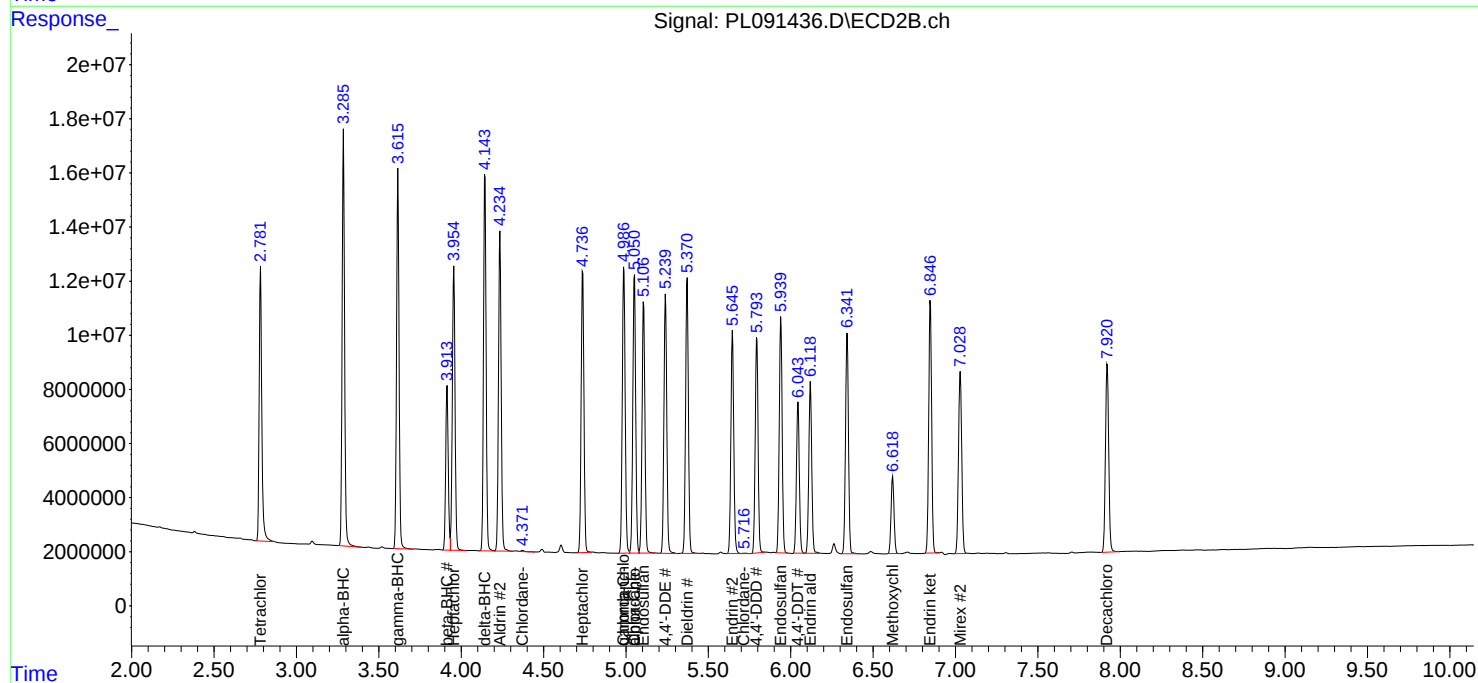
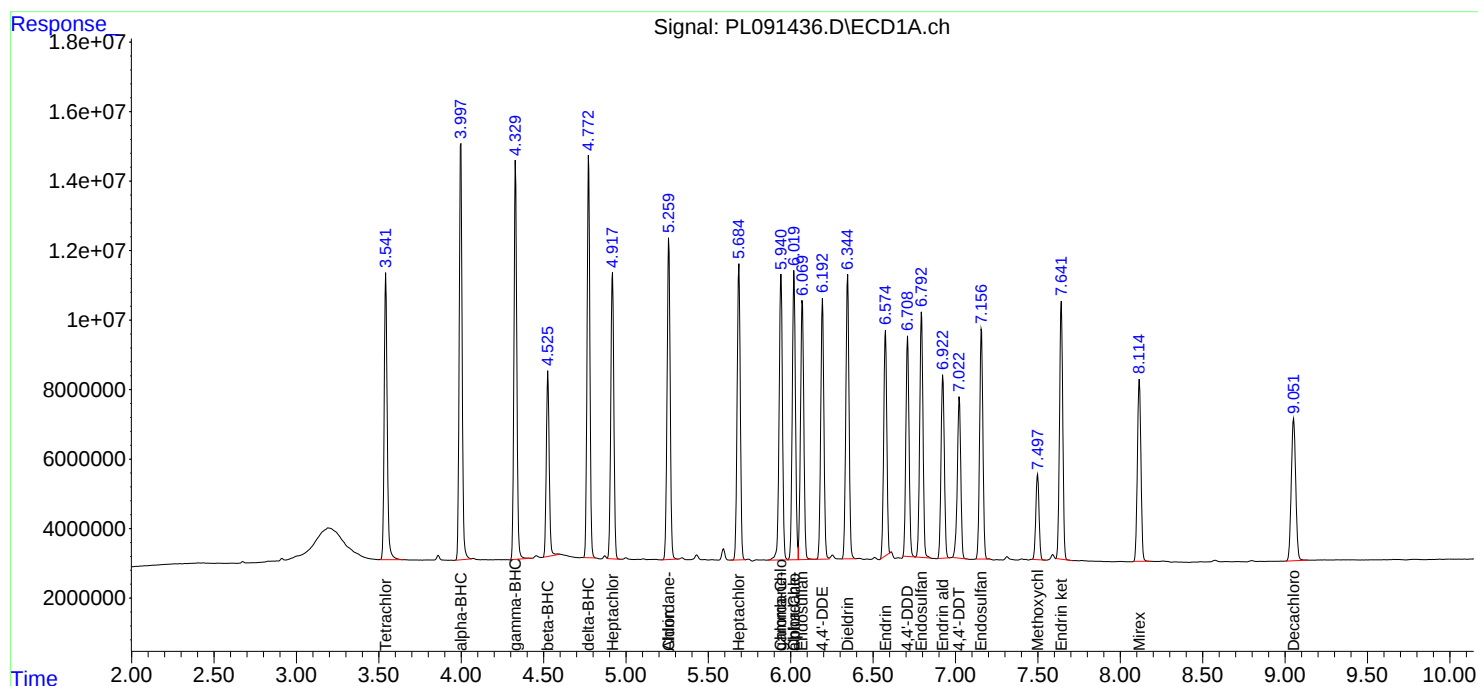
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

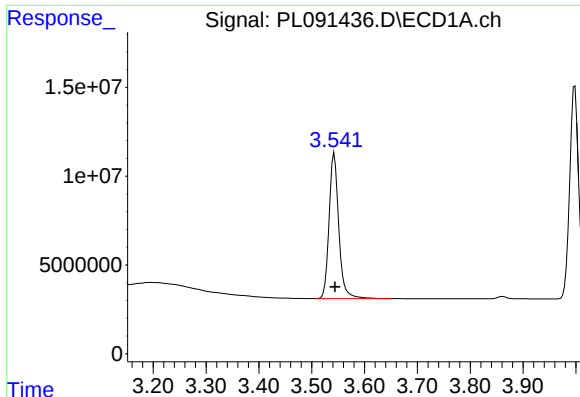
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081324\  
Data File : PL091436.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Aug 2024 21:21  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 30 05:13:32 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 13:09:19 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

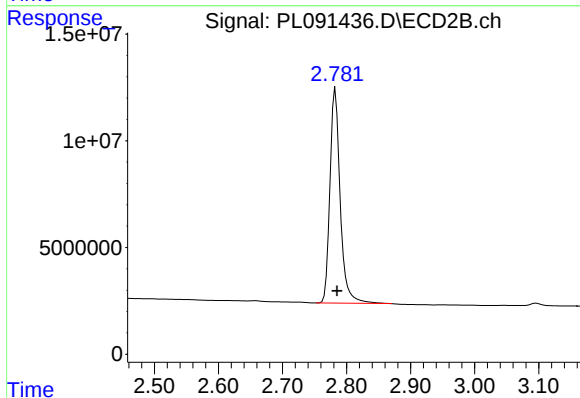




#1 Tetrachloro-m-xylene

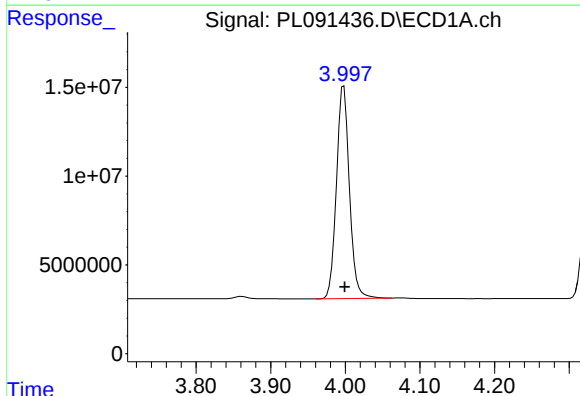
R.T.: 3.543 min  
Delta R.T.: -0.001 min  
Response: 104334367  
Conc: 48.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



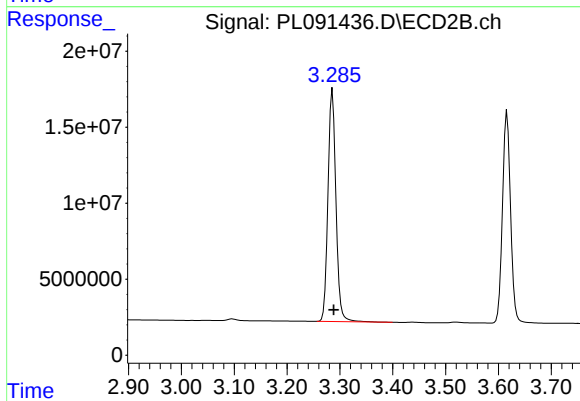
#1 Tetrachloro-m-xylene

R.T.: 2.783 min  
Delta R.T.: -0.002 min  
Response: 112102423  
Conc: 57.43 ng/ml



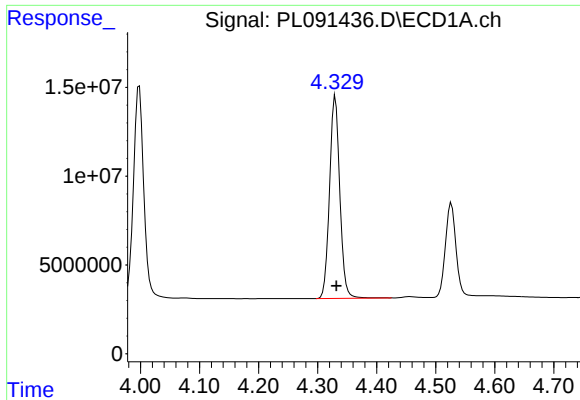
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: -0.001 min  
Response: 144924436  
Conc: 48.34 ng/ml



#2 alpha-BHC

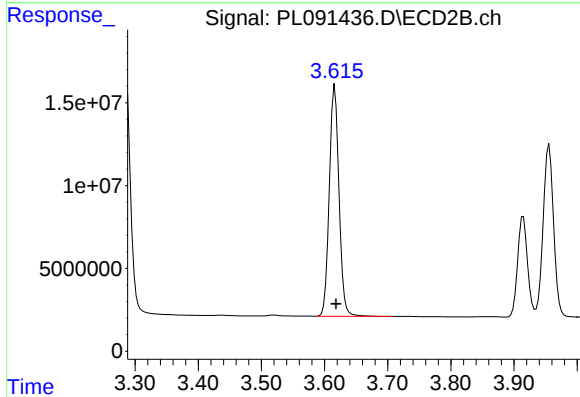
R.T.: 3.286 min  
Delta R.T.: -0.003 min  
Response: 160414740  
Conc: 57.84 ng/ml



#3 gamma-BHC (Lindane)

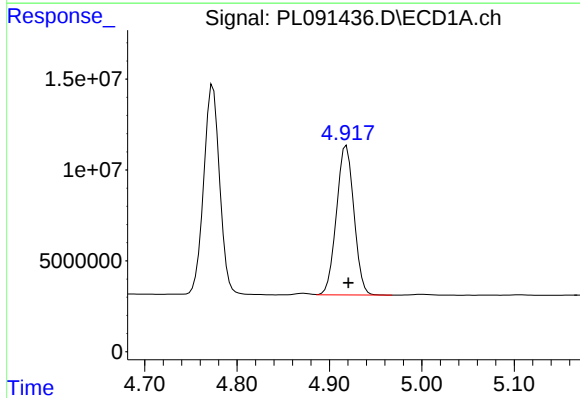
R.T.: 4.330 min  
Delta R.T.: -0.002 min  
Response: 137821628  
Conc: 48.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



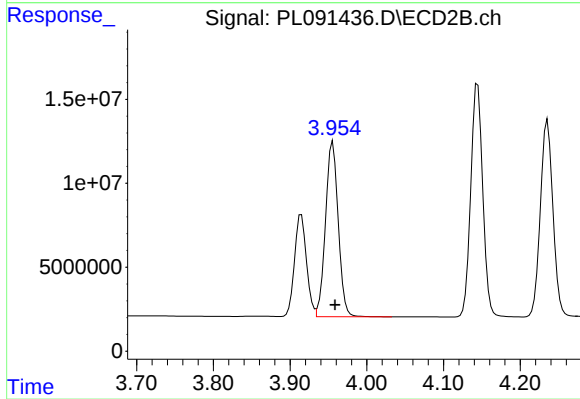
#3 gamma-BHC (Lindane)

R.T.: 3.616 min  
Delta R.T.: -0.002 min  
Response: 148477133  
Conc: 56.37 ng/ml



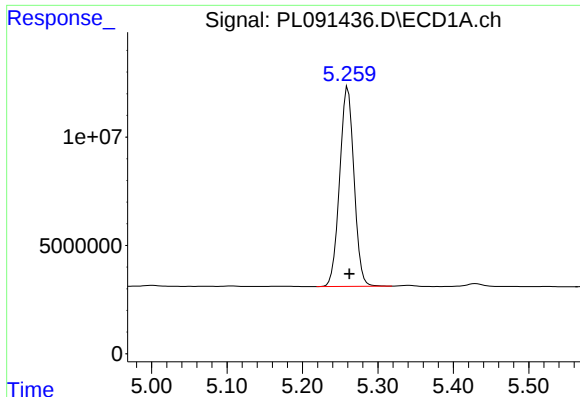
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: -0.002 min  
Response: 107782390  
Conc: 40.47 ng/ml



#4 Heptachlor

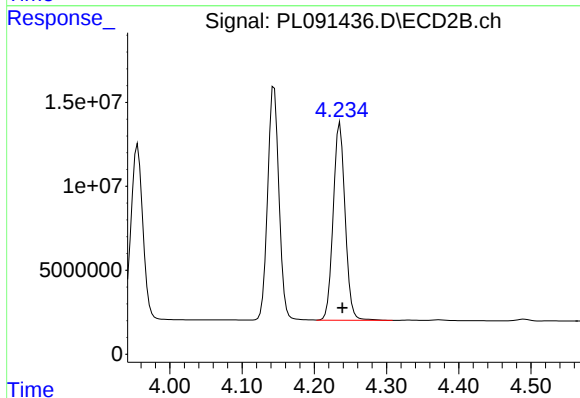
R.T.: 3.956 min  
Delta R.T.: -0.003 min  
Response: 119945777  
Conc: 46.44 ng/ml



#5 Aldrin

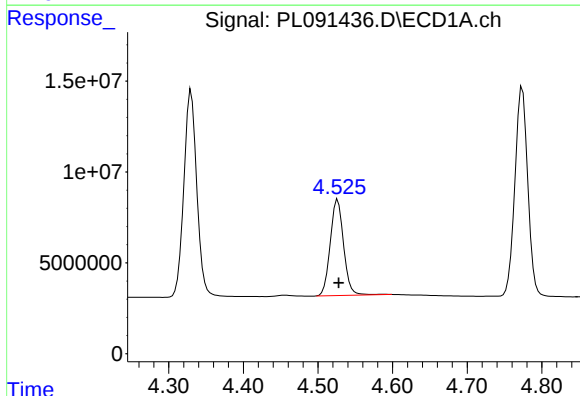
R.T.: 5.260 min  
Delta R.T.: -0.002 min  
Response: 121719274  
Conc: 47.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



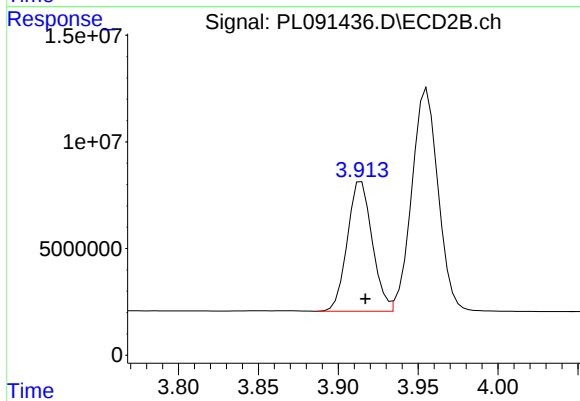
#5 Aldrin

R.T.: 4.236 min  
Delta R.T.: -0.003 min  
Response: 135137811  
Conc: 54.95 ng/ml



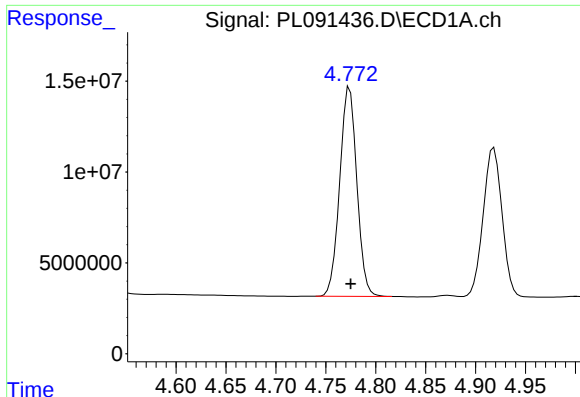
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: -0.001 min  
Response: 66065567  
Conc: 48.85 ng/ml



#6 beta-BHC

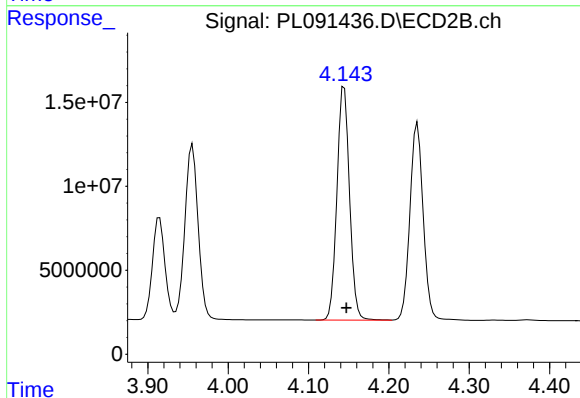
R.T.: 3.915 min  
Delta R.T.: -0.002 min  
Response: 65911206  
Conc: 56.00 ng/ml



#7 delta-BHC

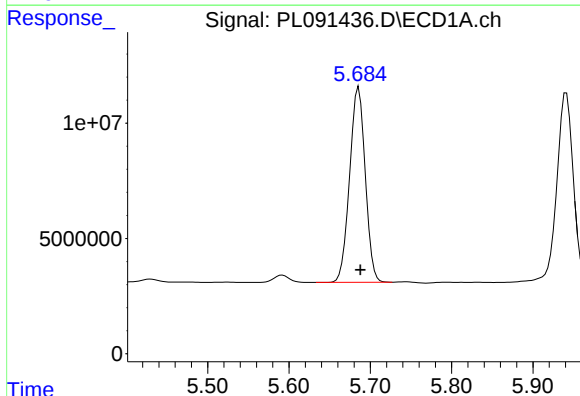
R.T.: 4.774 min  
Delta R.T.: -0.001 min  
Response: 137508347  
Conc: 50.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



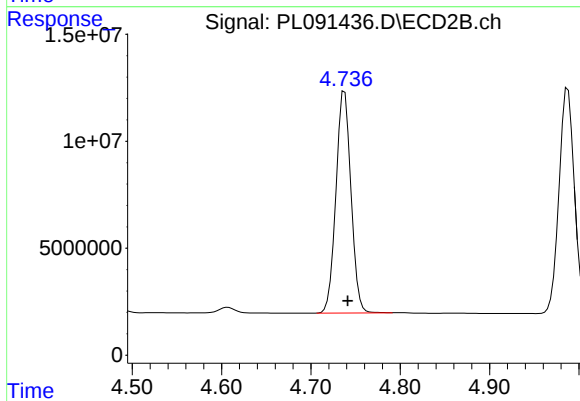
#7 delta-BHC

R.T.: 4.144 min  
Delta R.T.: -0.003 min  
Response: 151691231  
Conc: 59.86 ng/ml



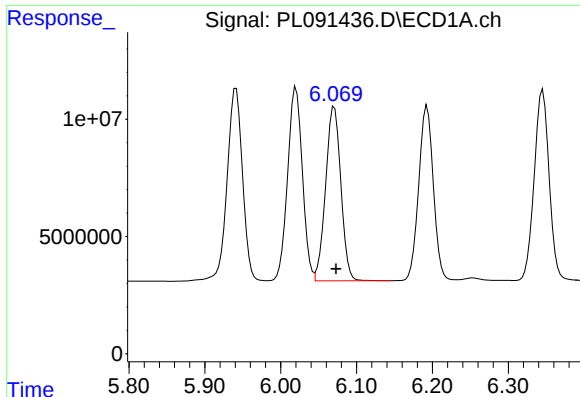
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: -0.002 min  
Response: 112621194  
Conc: 46.03 ng/ml



#8 Heptachlor epoxide

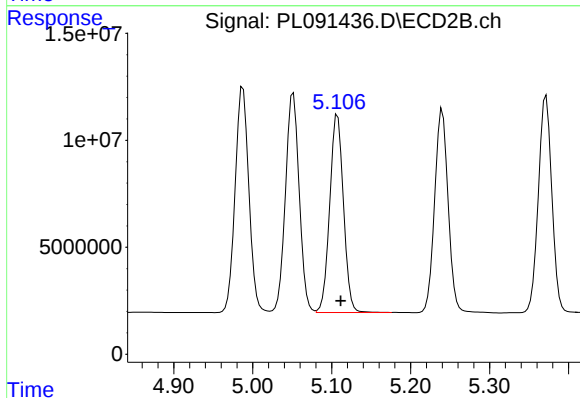
R.T.: 4.738 min  
Delta R.T.: -0.004 min  
Response: 121230628  
Conc: 53.76 ng/ml



#9 Endosulfan I

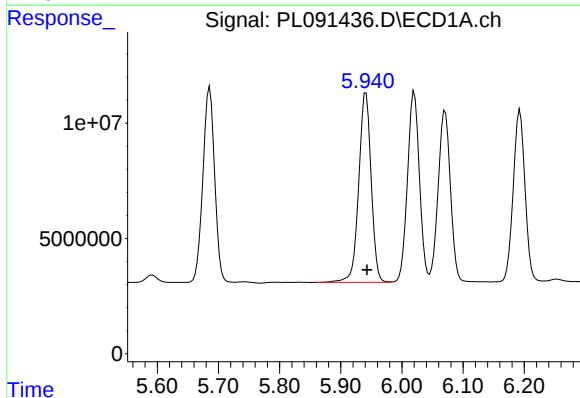
R.T.: 6.071 min  
Delta R.T.: -0.002 min  
Response: 103929741  
Conc: 46.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



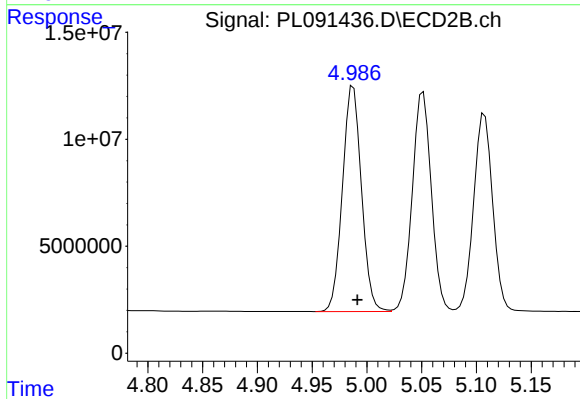
#9 Endosulfan I

R.T.: 5.108 min  
Delta R.T.: -0.004 min  
Response: 112058717  
Conc: 53.10 ng/ml



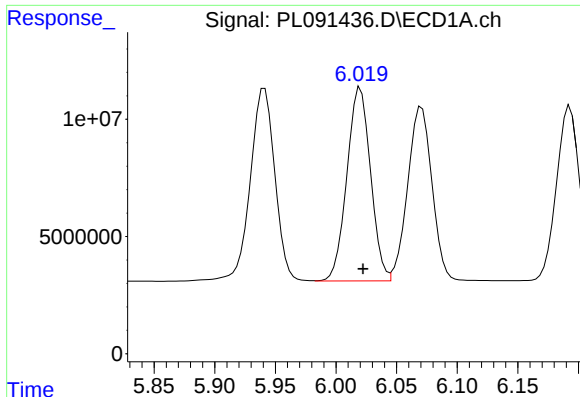
#10 gamma-Chlordane

R.T.: 5.941 min  
Delta R.T.: -0.002 min  
Response: 116519097  
Conc: 48.22 ng/ml



#10 gamma-Chlordane

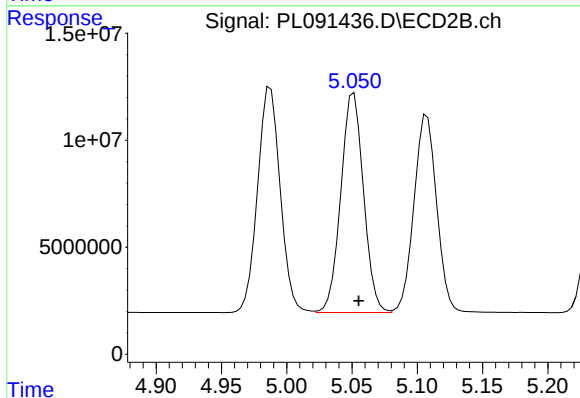
R.T.: 4.988 min  
Delta R.T.: -0.004 min  
Response: 127352521  
Conc: 53.87 ng/ml



#11 alpha-Chlordane

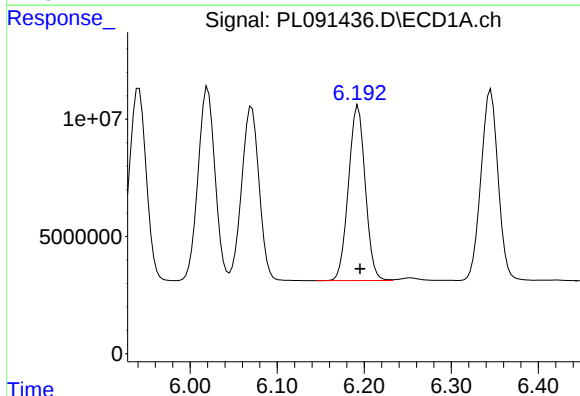
R.T.: 6.020 min  
Delta R.T.: -0.002 min  
Response: 112083871  
Conc: 46.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



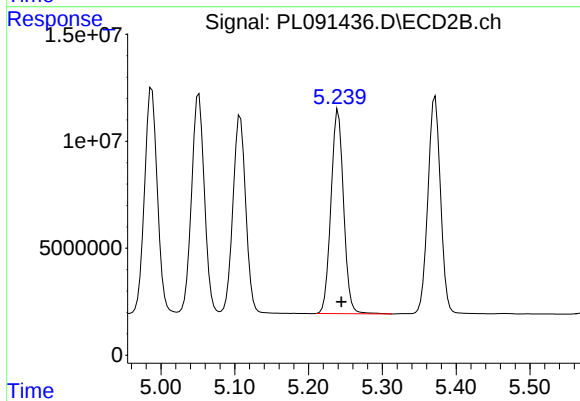
#11 alpha-Chlordane

R.T.: 5.051 min  
Delta R.T.: -0.004 min  
Response: 124186217  
Conc: 52.79 ng/ml



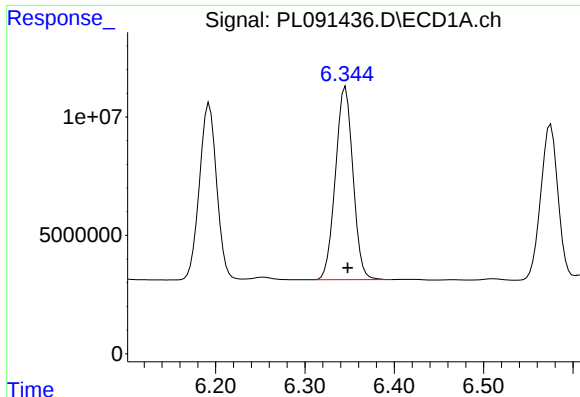
#12 4,4'-DDE

R.T.: 6.193 min  
Delta R.T.: -0.002 min  
Response: 99968681  
Conc: 47.78 ng/ml



#12 4,4'-DDE

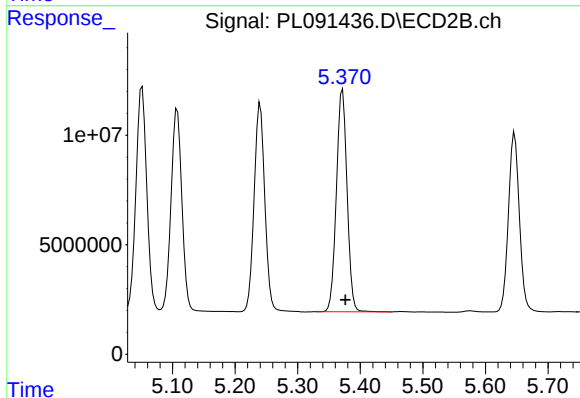
R.T.: 5.240 min  
Delta R.T.: -0.004 min  
Response: 113369135  
Conc: 54.26 ng/ml



#13 Dieldrin

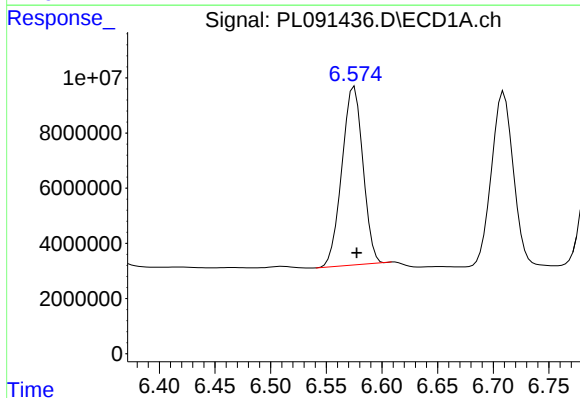
R.T.: 6.345 min  
Delta R.T.: -0.003 min  
Response: 110945367  
Conc: 47.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



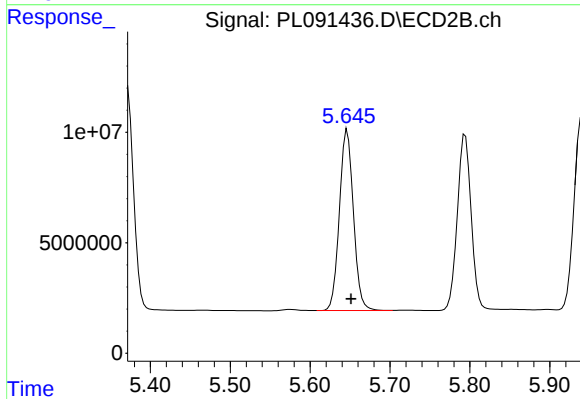
#13 Dieldrin

R.T.: 5.372 min  
Delta R.T.: -0.004 min  
Response: 120623091  
Conc: 52.96 ng/ml



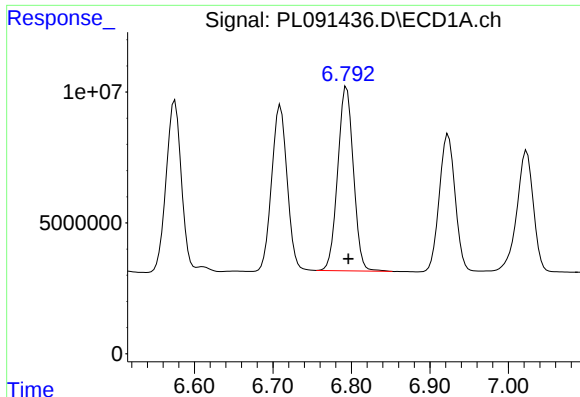
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: -0.002 min  
Response: 85300543  
Conc: 43.99 ng/ml



#14 Endrin

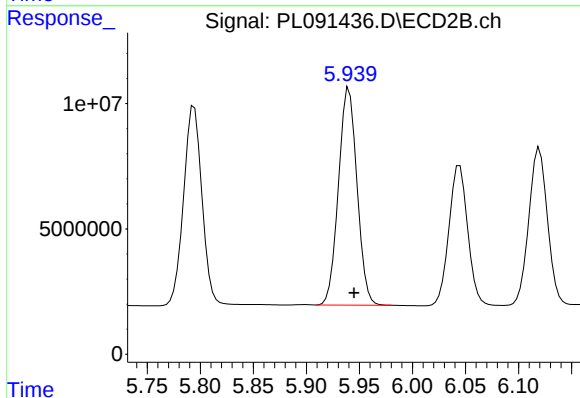
R.T.: 5.647 min  
Delta R.T.: -0.004 min  
Response: 99798616  
Conc: 48.99 ng/ml



#15 Endosulfan II

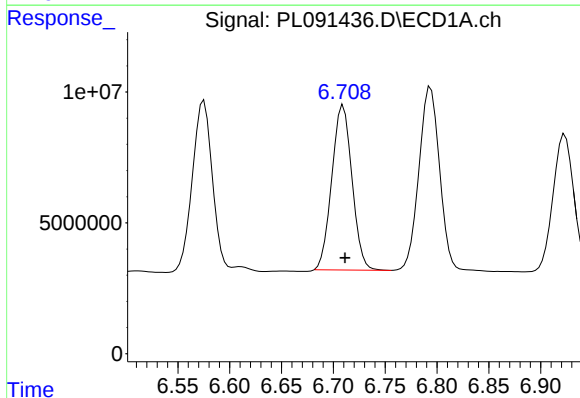
R.T.: 6.794 min  
Delta R.T.: -0.002 min  
Response: 97840675  
Conc: 48.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



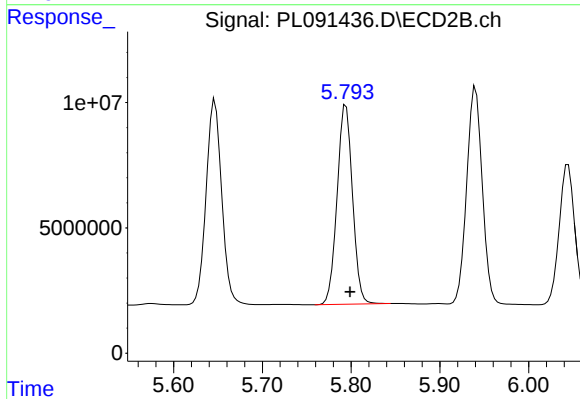
#15 Endosulfan II

R.T.: 5.940 min  
Delta R.T.: -0.005 min  
Response: 105324609  
Conc: 54.44 ng/ml



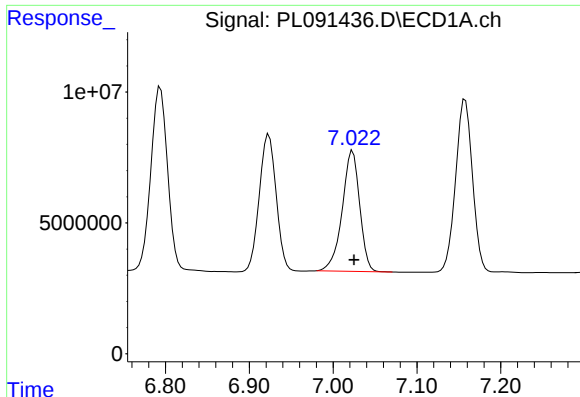
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: -0.002 min  
Response: 85544312  
Conc: 56.60 ng/ml



#16 4,4'-DDD

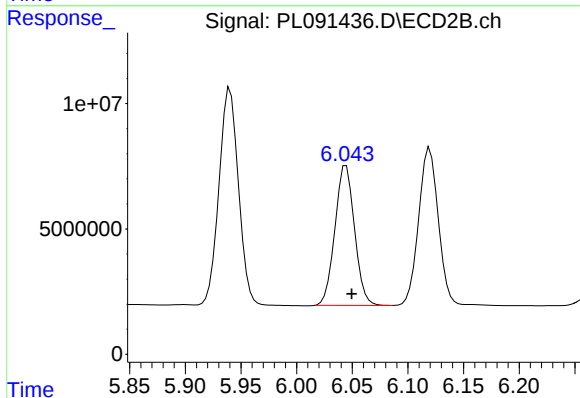
R.T.: 5.794 min  
Delta R.T.: -0.005 min  
Response: 95810203  
Conc: 58.04 ng/ml



#17 4,4'-DDT

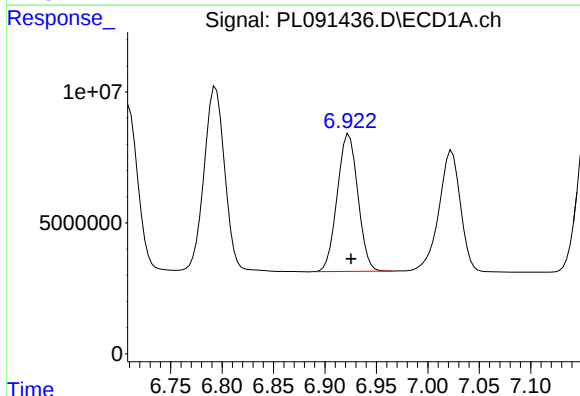
R.T.: 7.023 min  
Delta R.T.: -0.002 min  
Response: 66928616  
Conc: 37.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



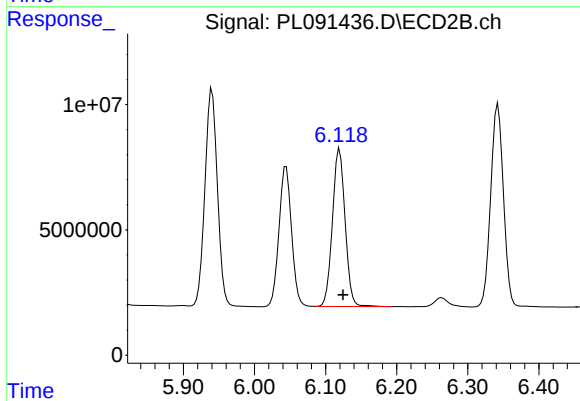
#17 4,4'-DDT

R.T.: 6.044 min  
Delta R.T.: -0.005 min  
Response: 68313041  
Conc: 38.46 ng/ml



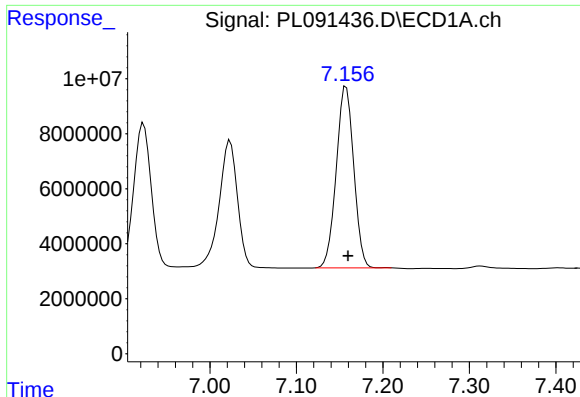
#18 Endrin aldehyde

R.T.: 6.923 min  
Delta R.T.: -0.002 min  
Response: 73261854  
Conc: 45.89 ng/ml



#18 Endrin aldehyde

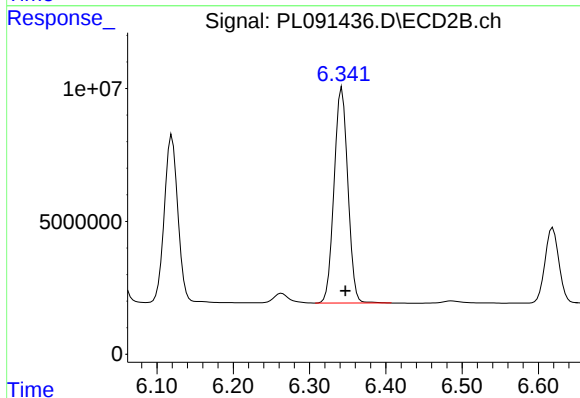
R.T.: 6.120 min  
Delta R.T.: -0.005 min  
Response: 77756428  
Conc: 49.92 ng/ml



#19 Endosulfan Sulfate

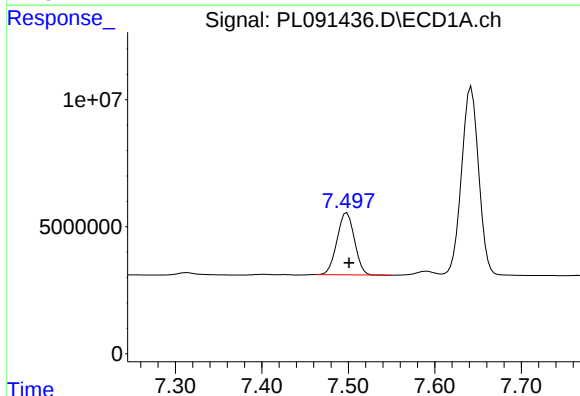
R.T.: 7.158 min  
Delta R.T.: -0.002 min  
Response: 92131100  
Conc: 48.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



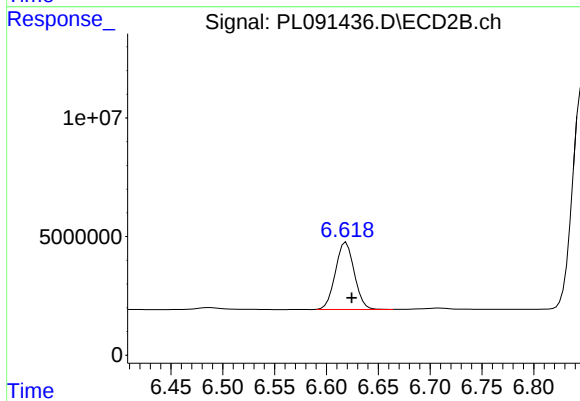
#19 Endosulfan Sulfate

R.T.: 6.343 min  
Delta R.T.: -0.005 min  
Response: 101206368  
Conc: 52.49 ng/ml



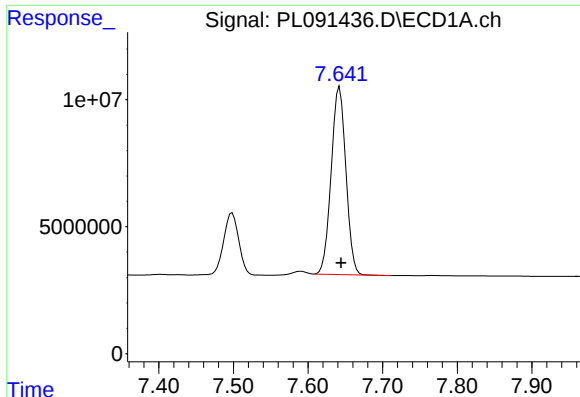
#20 Methoxychlor

R.T.: 7.498 min  
Delta R.T.: -0.002 min  
Response: 34028850  
Conc: 36.19 ng/ml



#20 Methoxychlor

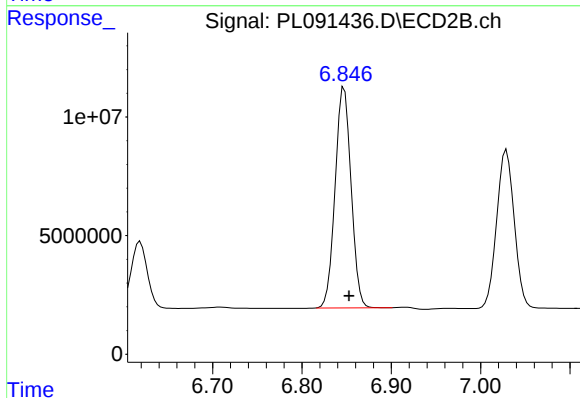
R.T.: 6.619 min  
Delta R.T.: -0.005 min  
Response: 35785858  
Conc: 36.04 ng/ml



#21 Endrin ketone

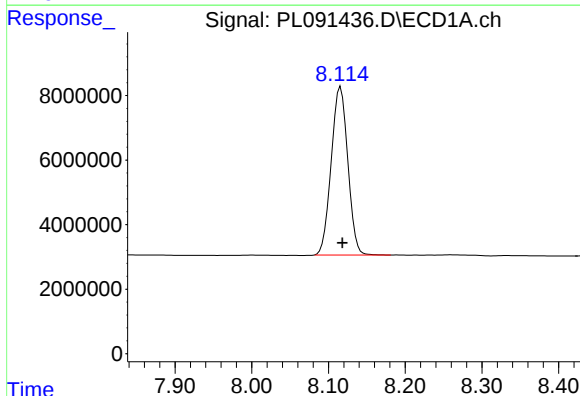
R.T.: 7.642 min  
Delta R.T.: -0.002 min  
Response: 101190906  
Conc: 48.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



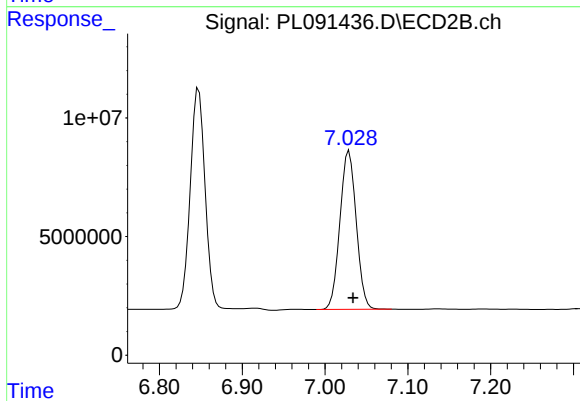
#21 Endrin ketone

R.T.: 6.847 min  
Delta R.T.: -0.005 min  
Response: 115530098  
Conc: 53.04 ng/ml



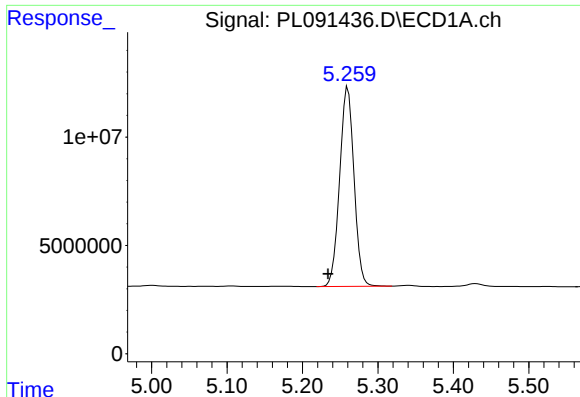
#22 Mirex

R.T.: 8.116 min  
Delta R.T.: -0.002 min  
Response: 78375177  
Conc: 46.07 ng/ml



#22 Mirex

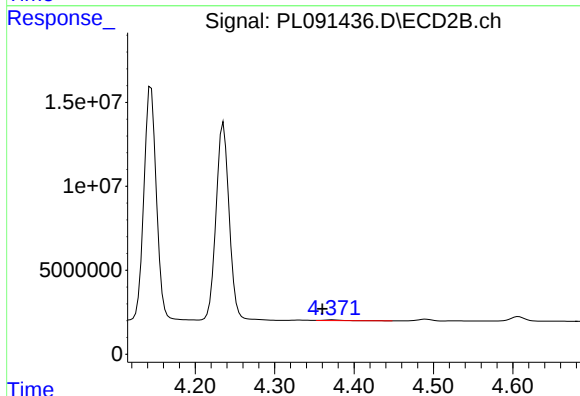
R.T.: 7.029 min  
Delta R.T.: -0.005 min  
Response: 91465514  
Conc: 49.01 ng/ml



#24 Chlordane-2

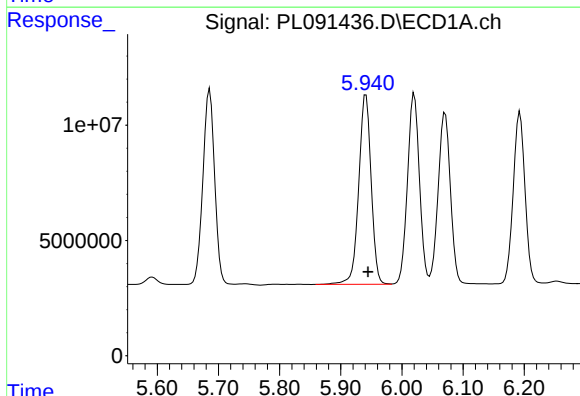
R.T.: 5.260 min  
Delta R.T.: 0.026 min  
Response: 121719274  
Conc: 1198.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



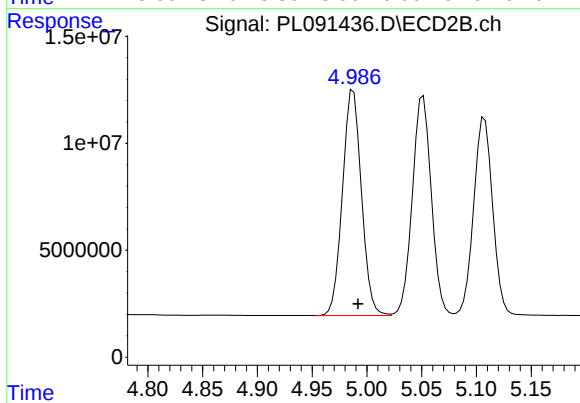
#24 Chlordane-2

R.T.: 4.373 min  
Delta R.T.: 0.013 min  
Response: 645678  
Conc: 6.87 ng/ml



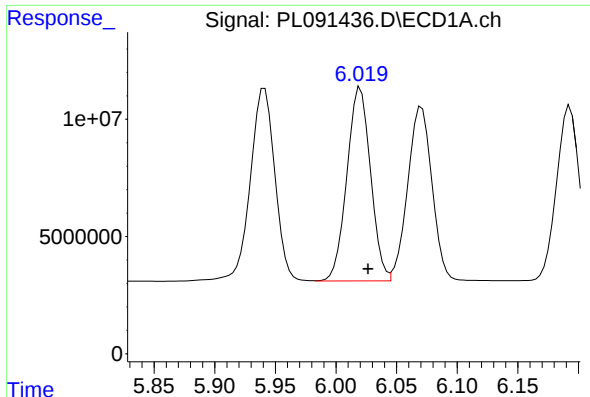
#25 Chlordane-3

R.T.: 5.941 min  
Delta R.T.: -0.003 min  
Response: 116519097  
Conc: 335.48 ng/ml



#25 Chlordane-3

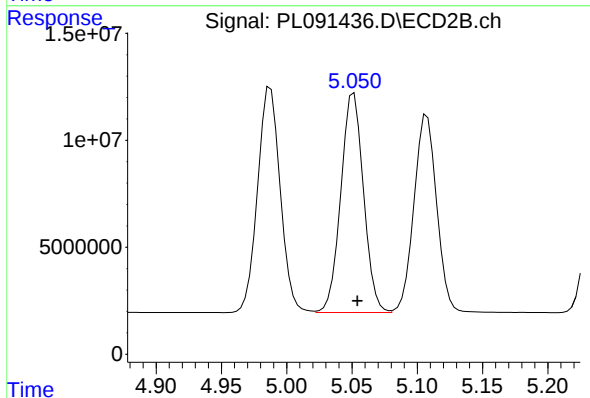
R.T.: 4.988 min  
Delta R.T.: -0.004 min  
Response: 127352521  
Conc: 524.44 ng/ml



#26 Chlordane-4

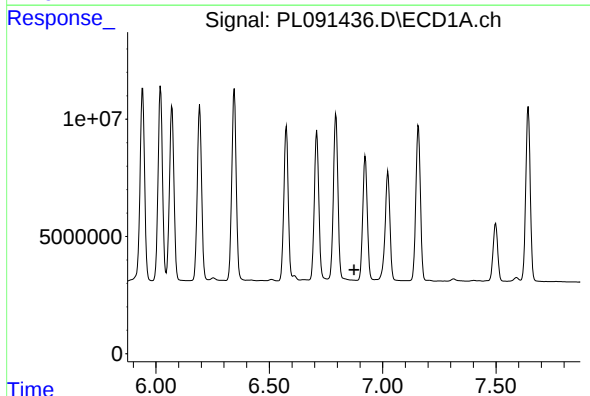
R.T.: 6.020 min  
Delta R.T.: -0.006 min  
Response: 112083871  
Conc: 266.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



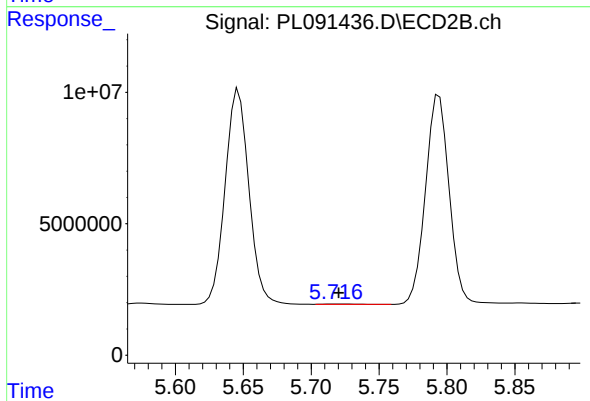
#26 Chlordane-4

R.T.: 5.051 min  
Delta R.T.: -0.003 min  
Response: 124186217  
Conc: 532.60 ng/ml



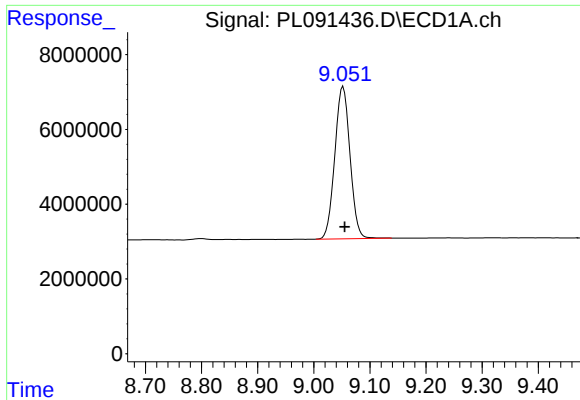
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.875 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

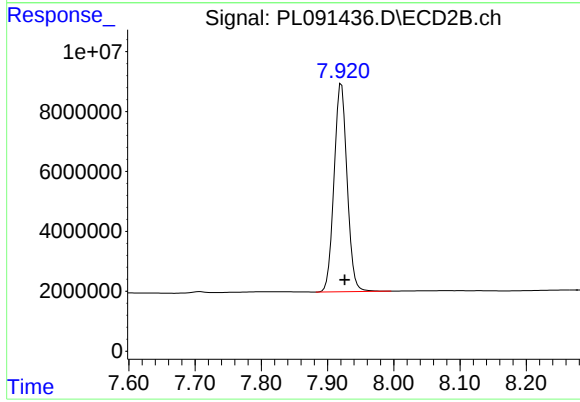
R.T.: 5.718 min  
Delta R.T.: -0.002 min  
Response: 219460  
Conc: 3.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: -0.003 min  
Response: 76844813  
Conc: 50.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.921 min  
Delta R.T.: -0.005 min  
Response: 95078191  
Conc: 50.20 ng/ml