

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090124\  
 Data File : PL091465.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Aug 2024 19:04  
 Operator : AR\AJ  
 Sample : PB163087BSD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 31 03:41:47 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  | 2.784 | 41874556 | 44072728 | 19.502   | 22.578    |
| 28)                         | SA Decachlor... | 9.053  | 7.921 | 36153937 | 44520153 | 23.715   | 23.504    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.998  | 3.287 | 147.4E6  | 167.6E6  | 49.165   | 60.442    |
| 3)                          | MA gamma-BHC... | 4.331  | 3.616 | 141.4E6  | 156.8E6  | 49.292   | 59.541    |
| 4)                          | MA Heptachlor   | 4.919  | 3.956 | 132.2E6  | 152.9E6  | 49.659   | 59.207    |
| 5)                          | MB Aldrin       | 5.260  | 4.236 | 126.3E6  | 142.9E6  | 48.943   | 58.094    |
| 6)                          | B beta-BHC      | 4.527  | 3.915 | 66053013 | 66939186 | 48.843   | 56.869    |
| 7)                          | B delta-BHC     | 4.774  | 4.144 | 132.6E6  | 148.4E6  | 48.701   | 58.540    |
| 8)                          | B Heptachlo...  | 5.686  | 4.738 | 119.9E6  | 130.3E6  | 49.016   | 57.799    |
| 9)                          | A Endosulfan I  | 6.071  | 5.108 | 109.5E6  | 120.9E6  | 48.770   | 57.301    |
| 10)                         | B gamma-Chl...  | 5.941  | 4.988 | 118.8E6  | 134.7E6  | 49.162   | 56.984    |
| 11)                         | B alpha-Chl...  | 6.021  | 5.051 | 117.3E6  | 133.1E6  | 48.731   | 56.586    |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.240 | 104.8E6  | 121.6E6  | 50.089   | 58.186    |
| 13)                         | MA Dieldrin     | 6.346  | 5.372 | 115.5E6  | 130.3E6  | 49.038   | 57.208    |
| 14)                         | MA Endrin       | 6.575  | 5.647 | 97744946 | 117.7E6  | 50.404   | 57.781    |
| 15)                         | B Endosulfa...  | 6.794  | 5.940 | 101.7E6  | 112.9E6  | 50.266   | 58.381    |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.794 | 86045056 | 97768622 | 56.932   | 59.225    |
| 17)                         | MA 4,4'-DDT     | 7.024  | 6.045 | 93870250 | 104.0E6  | 52.882   | 58.542    |
| 18)                         | B Endrin al...  | 6.924  | 6.120 | 80971644 | 87736786 | 50.721   | 56.325    |
| 19)                         | B Endosulfa...  | 7.158  | 6.342 | 96604107 | 107.6E6  | 50.350   | 55.804    |
| 20)                         | A Methoxychlor  | 7.499  | 6.619 | 51764597 | 56659466 | 55.053   | 57.060    |
| 21)                         | B Endrin ke...  | 7.642  | 6.848 | 106.2E6  | 121.9E6  | 50.598   | 55.979    |
| 22)                         | Mirex           | 8.116  | 7.029 | 84430730 | 100.9E6  | 49.632   | 54.079    |
| 24)                         | Chlordane-2     | 5.260f | 4.373 | 126.3E6  | 472581   | 1244.028 | 5.030 #   |
| 25)                         | Chlordane-3     | 5.941  | 4.988 | 118.8E6  | 134.7E6  | 342.033  | 554.727 # |
| 26)                         | Chlordane-4     | 6.021  | 5.051 | 117.3E6  | 133.1E6  | 278.950  | 570.930 # |
| 27)                         | Chlordane-5     | 0.000  | 5.734 | 0        | 66591    | N.D.     | 0.962 #   |
| -----                       |                 |        |       |          |          |          |           |

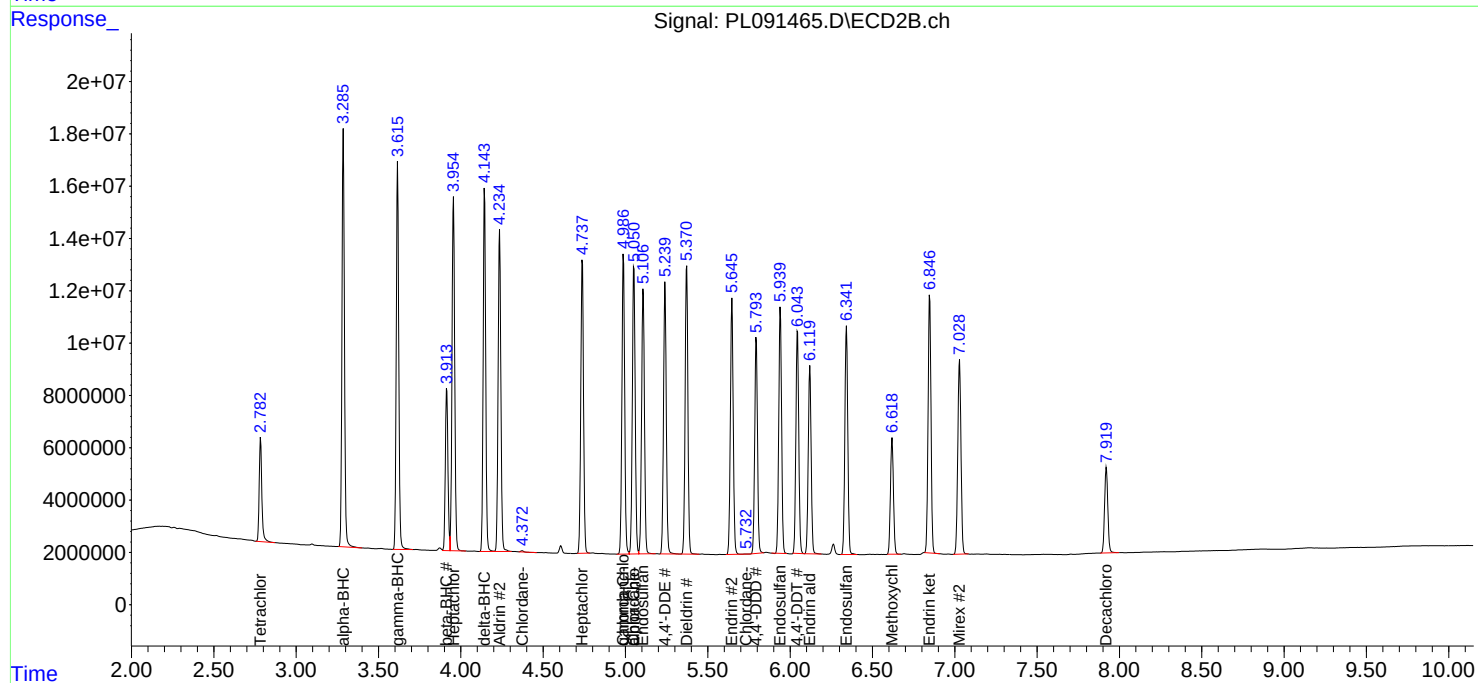
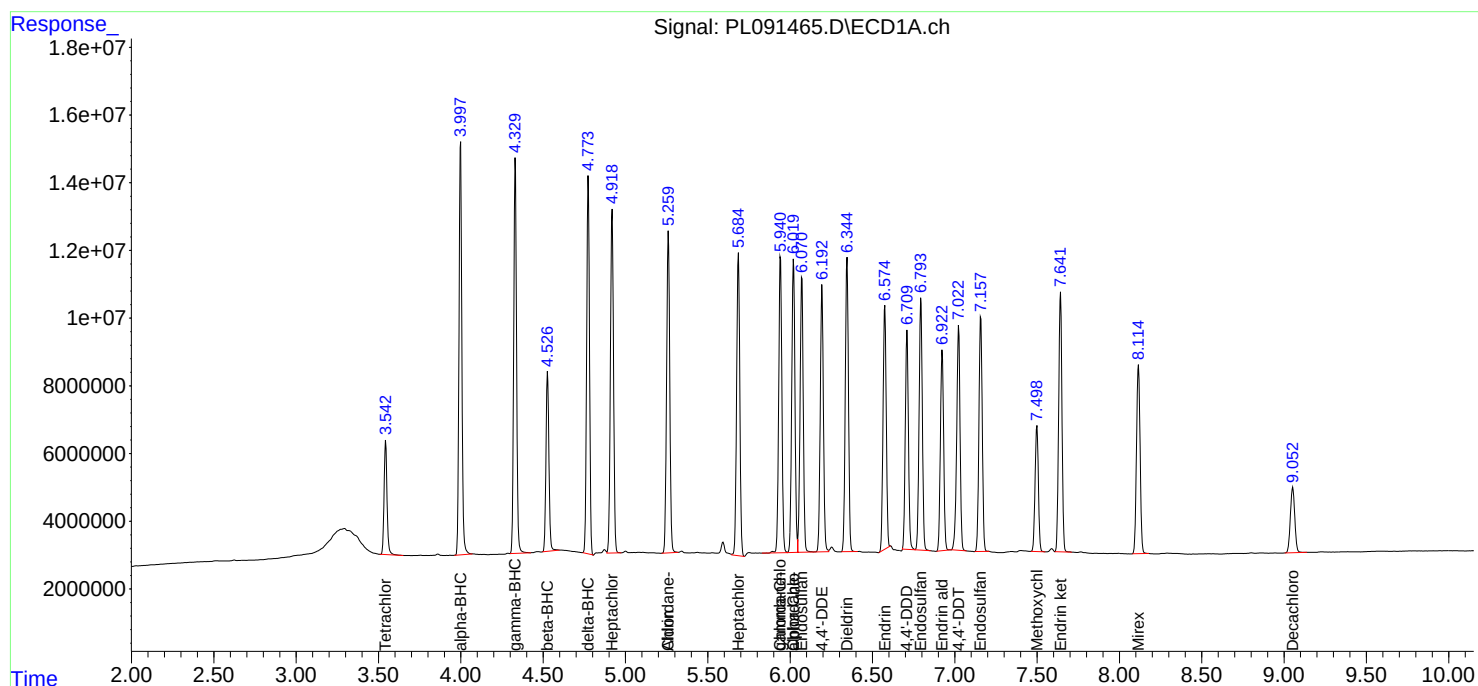
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

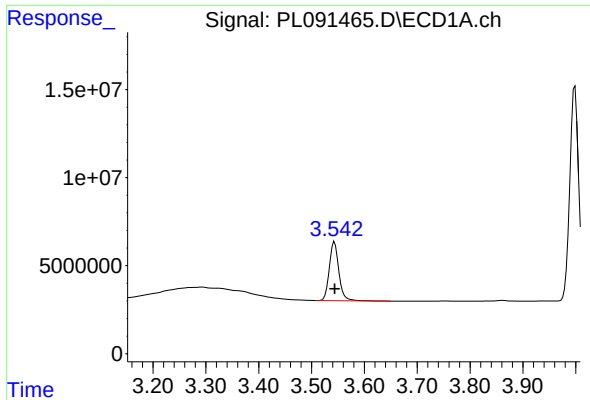
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090124\  
Data File : PL091465.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Aug 2024 19:04  
Operator : AR\AJ  
Sample : PB163087BSD  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 31 03:41:47 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

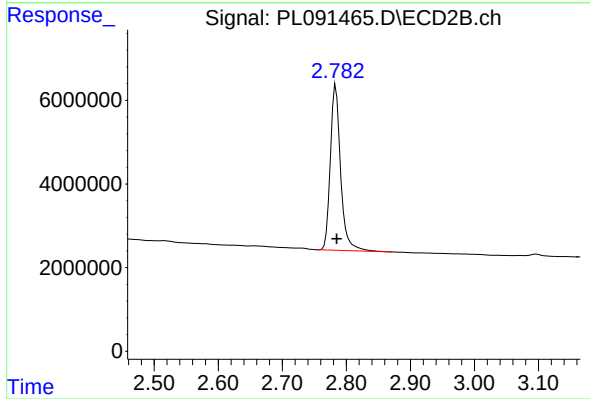




#1 Tetrachloro-m-xylene

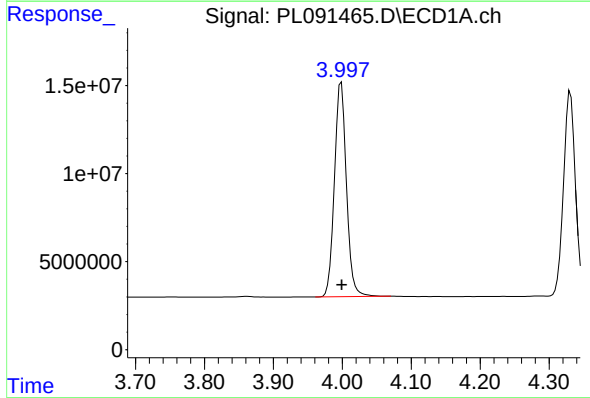
R.T.: 3.543 min  
Delta R.T.: 0.000 min  
Response: 41874556  
Conc: 19.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



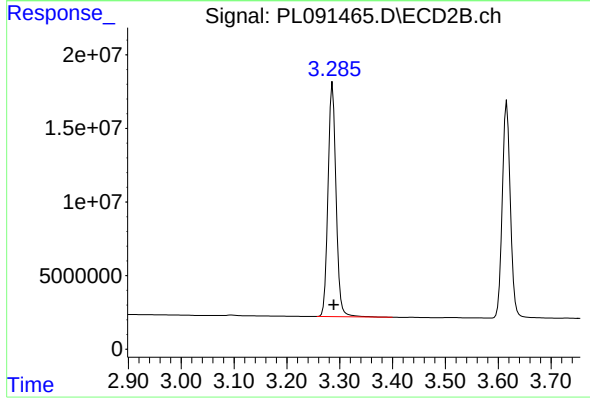
#1 Tetrachloro-m-xylene

R.T.: 2.784 min  
Delta R.T.: -0.001 min  
Response: 44072728  
Conc: 22.58 ng/ml



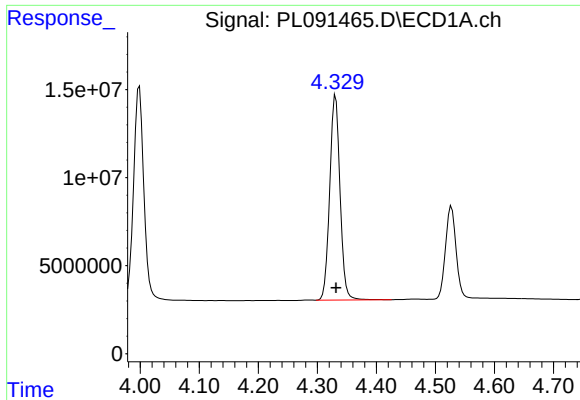
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: 0.000 min  
Response: 147386214  
Conc: 49.16 ng/ml



#2 alpha-BHC

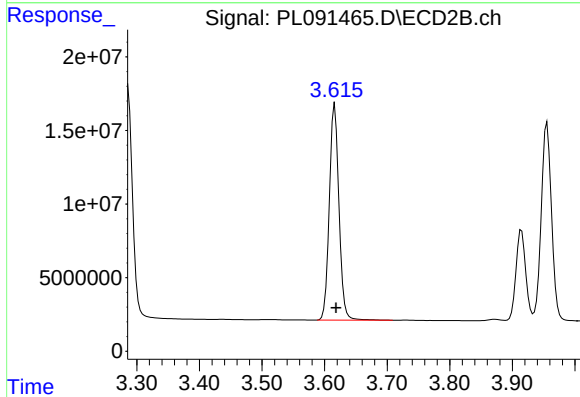
R.T.: 3.287 min  
Delta R.T.: -0.002 min  
Response: 167631711  
Conc: 60.44 ng/ml



#3 gamma-BHC (Lindane)

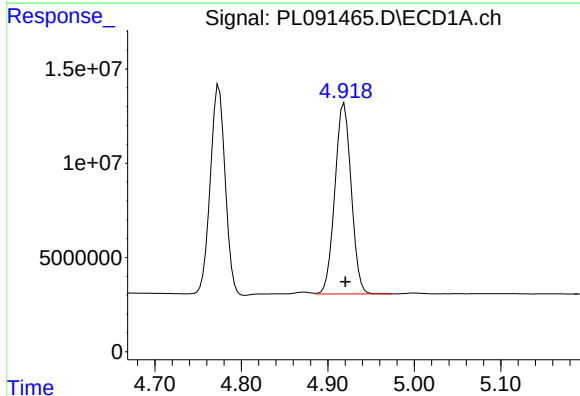
R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 141400640  
Conc: 49.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



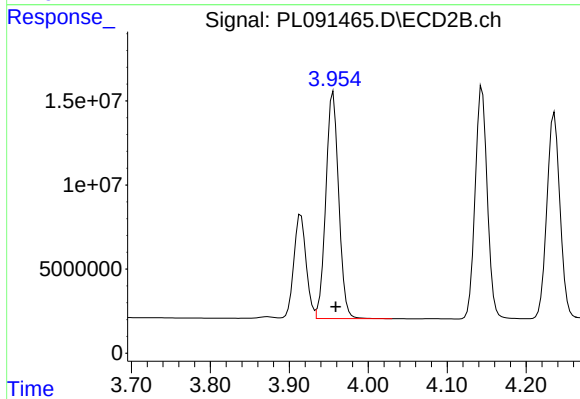
#3 gamma-BHC (Lindane)

R.T.: 3.616 min  
Delta R.T.: -0.002 min  
Response: 156826733  
Conc: 59.54 ng/ml



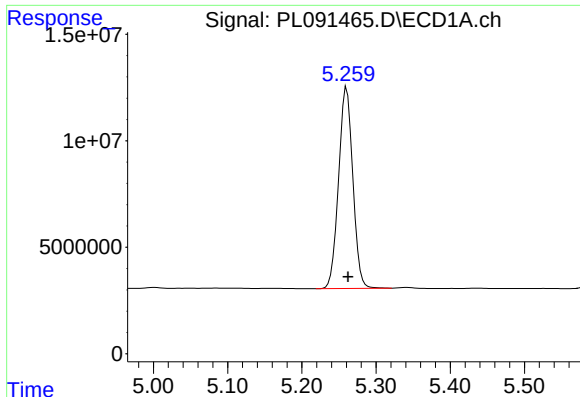
#4 Heptachlor

R.T.: 4.919 min  
Delta R.T.: -0.002 min  
Response: 132241860  
Conc: 49.66 ng/ml



#4 Heptachlor

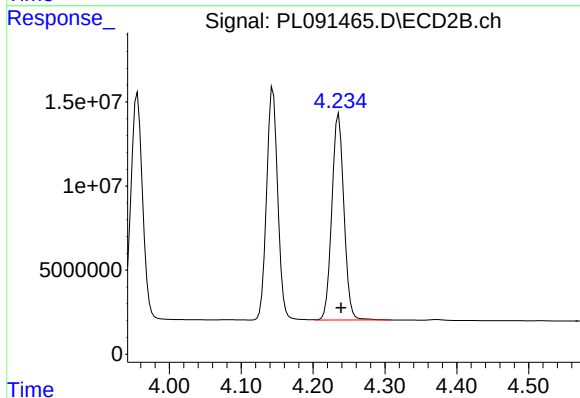
R.T.: 3.956 min  
Delta R.T.: -0.003 min  
Response: 152914552  
Conc: 59.21 ng/ml



#5 Aldrin

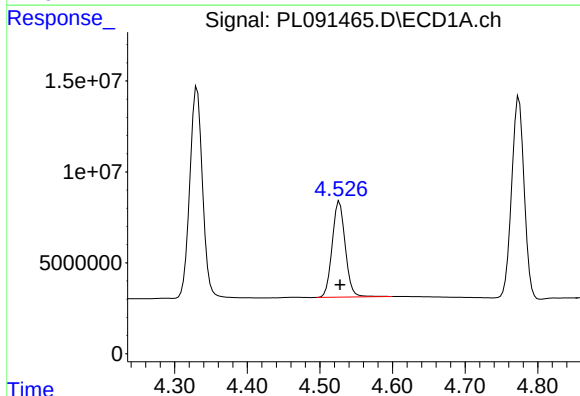
R.T.: 5.260 min  
Delta R.T.: -0.002 min  
Response: 126315626  
Conc: 48.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



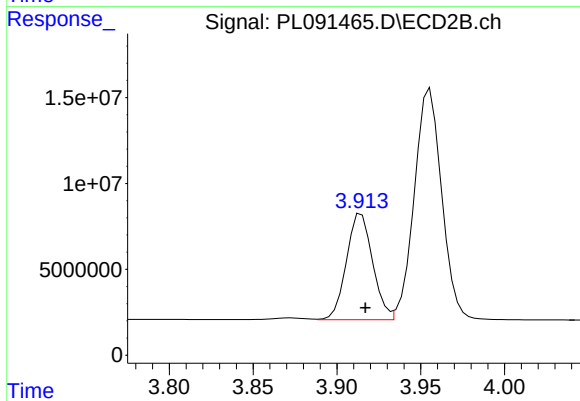
#5 Aldrin

R.T.: 4.236 min  
Delta R.T.: -0.003 min  
Response: 142862158  
Conc: 58.09 ng/ml



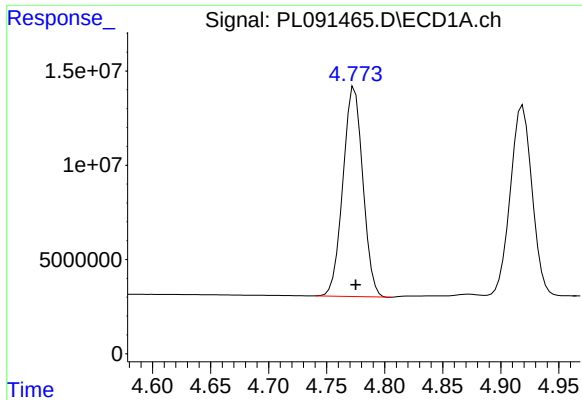
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.000 min  
Response: 66053013  
Conc: 48.84 ng/ml



#6 beta-BHC

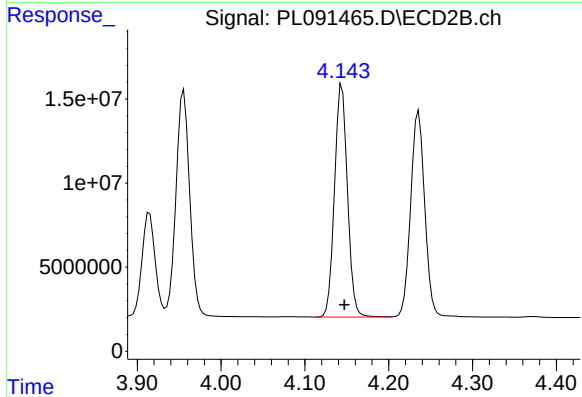
R.T.: 3.915 min  
Delta R.T.: -0.002 min  
Response: 66939186  
Conc: 56.87 ng/ml



#7 delta-BHC

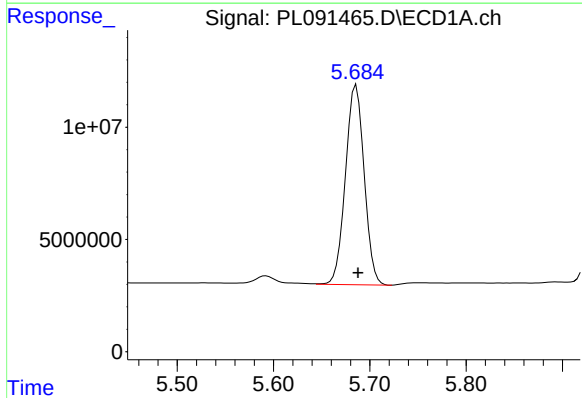
R.T.: 4.774 min  
Delta R.T.: 0.000 min  
Response: 132589704  
Conc: 48.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



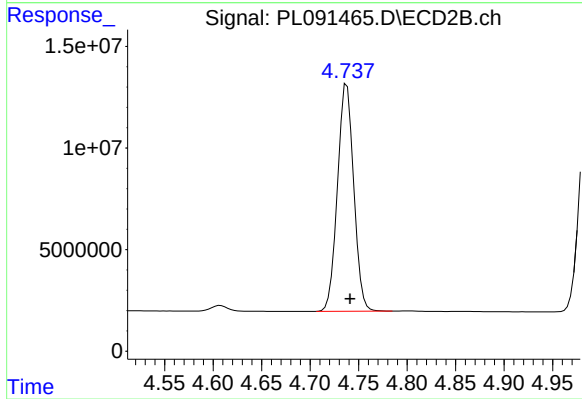
#7 delta-BHC

R.T.: 4.144 min  
Delta R.T.: -0.003 min  
Response: 148352936  
Conc: 58.54 ng/ml



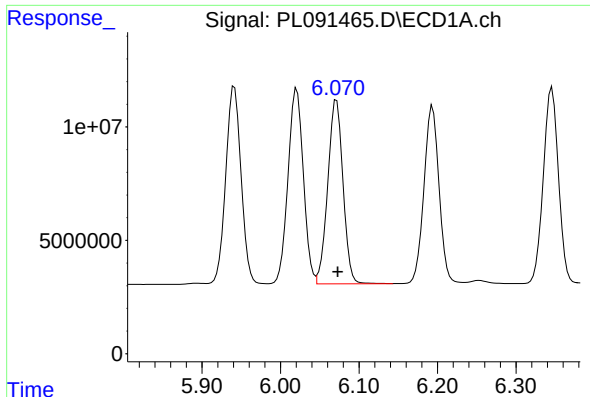
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: -0.002 min  
Response: 119920648  
Conc: 49.02 ng/ml



#8 Heptachlor epoxide

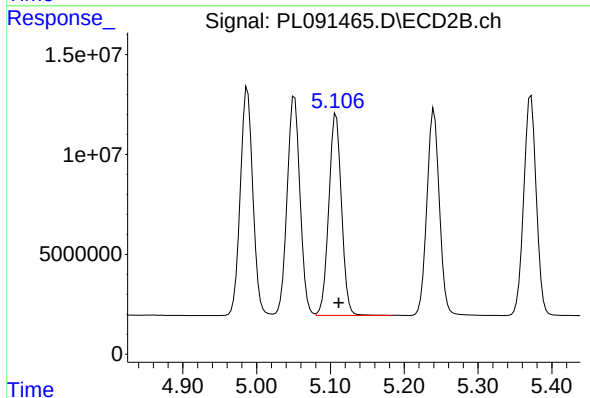
R.T.: 4.738 min  
Delta R.T.: -0.003 min  
Response: 130327832  
Conc: 57.80 ng/ml



#9 Endosulfan I

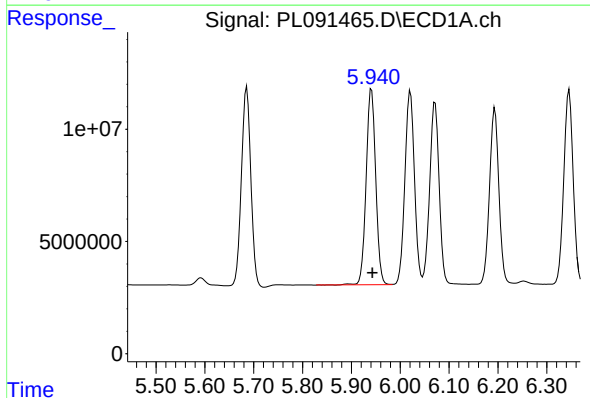
R.T.: 6.071 min  
Delta R.T.: -0.002 min  
Response: 109505793  
Conc: 48.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



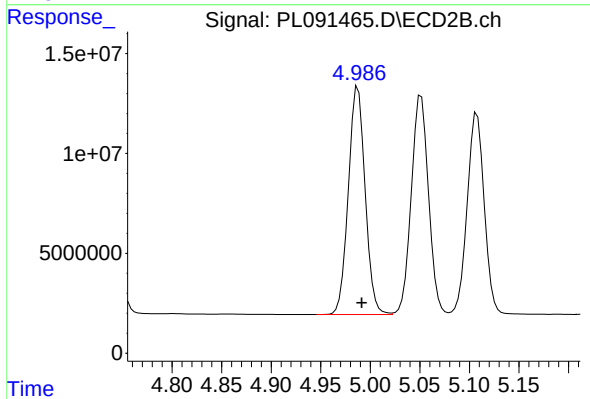
#9 Endosulfan I

R.T.: 5.108 min  
Delta R.T.: -0.004 min  
Response: 120915965  
Conc: 57.30 ng/ml



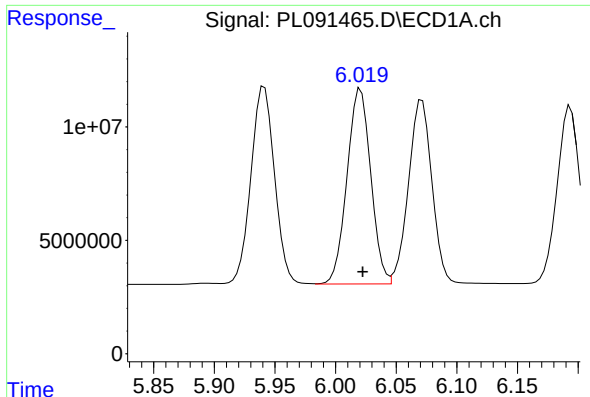
#10 gamma-Chlordane

R.T.: 5.941 min  
Delta R.T.: -0.002 min  
Response: 118796460  
Conc: 49.16 ng/ml



#10 gamma-Chlordane

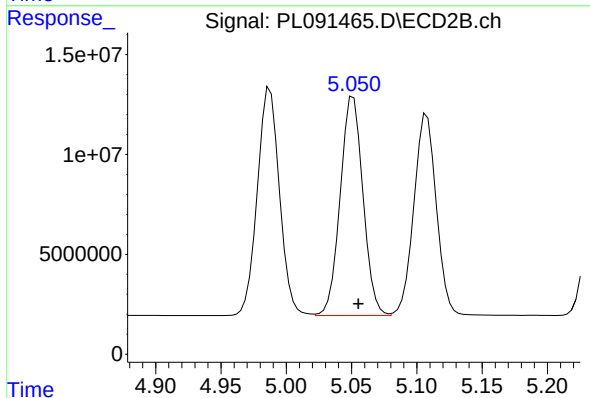
R.T.: 4.988 min  
Delta R.T.: -0.004 min  
Response: 134707327  
Conc: 56.98 ng/ml



#11 alpha-Chlordane

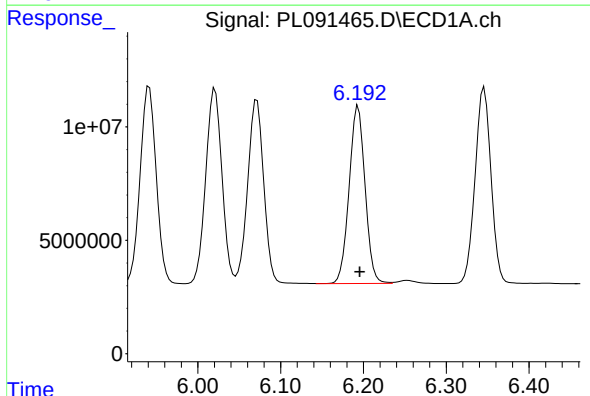
R.T.: 6.021 min  
Delta R.T.: -0.002 min  
Response: 117329826  
Conc: 48.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



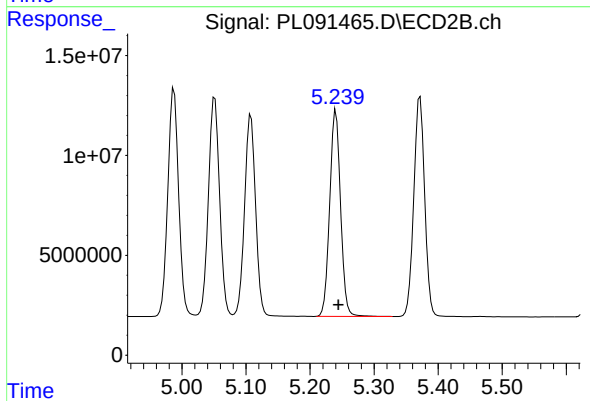
#11 alpha-Chlordane

R.T.: 5.051 min  
Delta R.T.: -0.004 min  
Response: 133122862  
Conc: 56.59 ng/ml



#12 4,4'-DDE

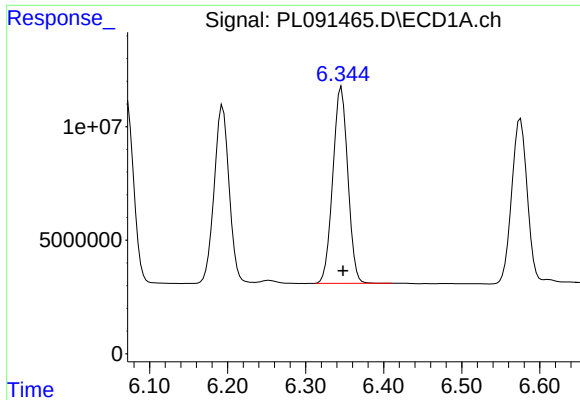
R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 104790032  
Conc: 50.09 ng/ml



#12 4,4'-DDE

R.T.: 5.240 min  
Delta R.T.: -0.004 min  
Response: 121575115  
Conc: 58.19 ng/ml

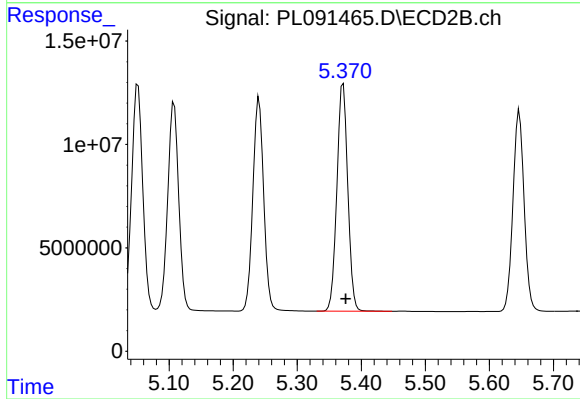




#13 Dieldrin

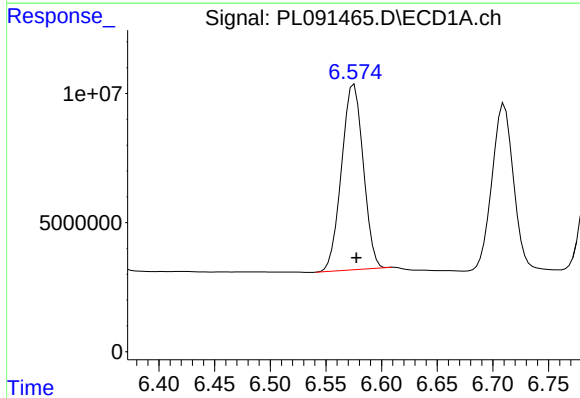
R.T.: 6.346 min  
Delta R.T.: -0.002 min  
Response: 115495904  
Conc: 49.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



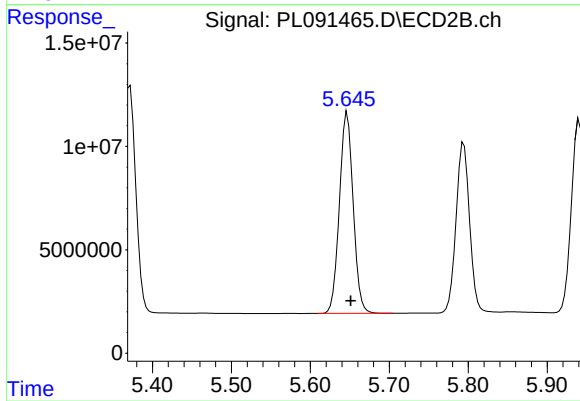
#13 Dieldrin

R.T.: 5.372 min  
Delta R.T.: -0.004 min  
Response: 130293282  
Conc: 57.21 ng/ml



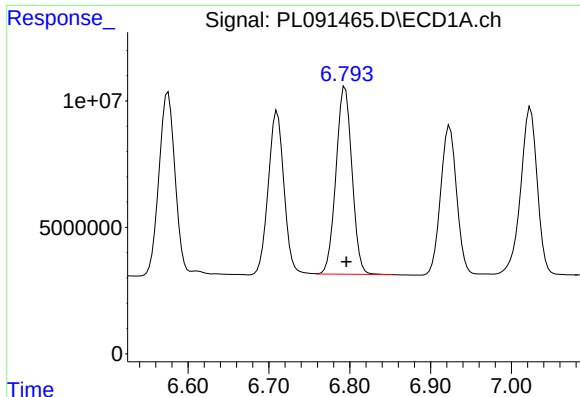
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: -0.002 min  
Response: 97744946  
Conc: 50.40 ng/ml



#14 Endrin

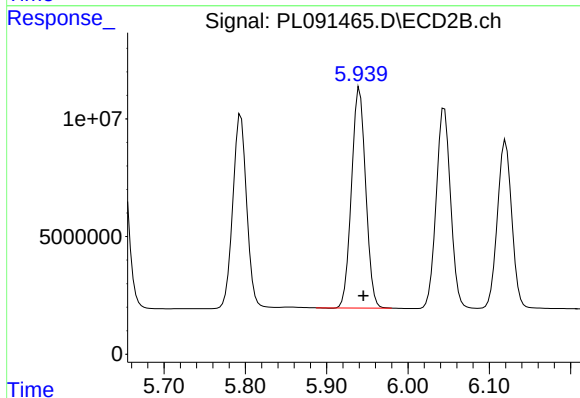
R.T.: 5.647 min  
Delta R.T.: -0.004 min  
Response: 117708107  
Conc: 57.78 ng/ml



#15 Endosulfan II

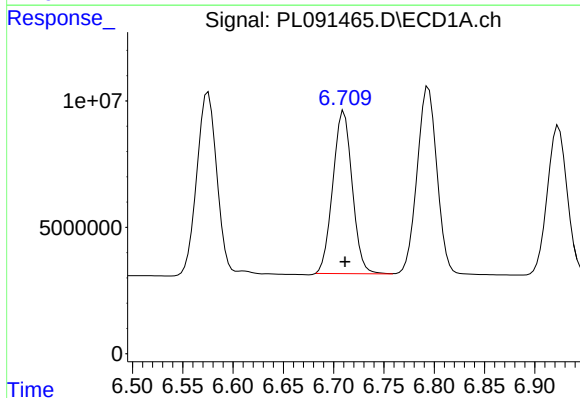
R.T.: 6.794 min  
Delta R.T.: -0.002 min  
Response: 101722768  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



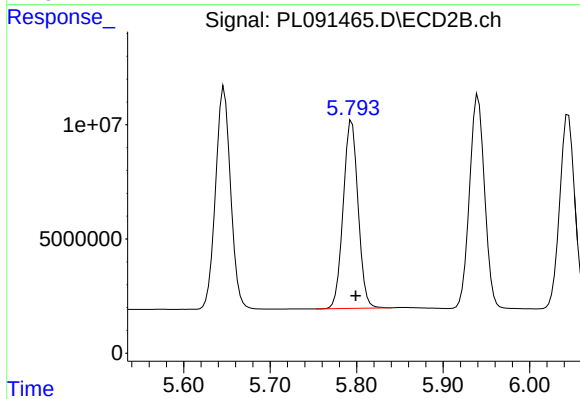
#15 Endosulfan II

R.T.: 5.940 min  
Delta R.T.: -0.005 min  
Response: 112947900  
Conc: 58.38 ng/ml



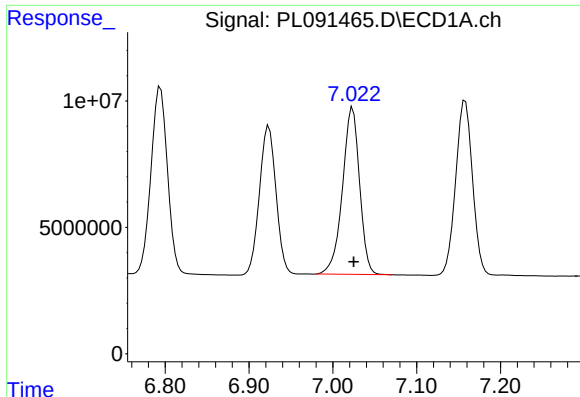
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: -0.001 min  
Response: 86045056  
Conc: 56.93 ng/ml



#16 4,4'-DDD

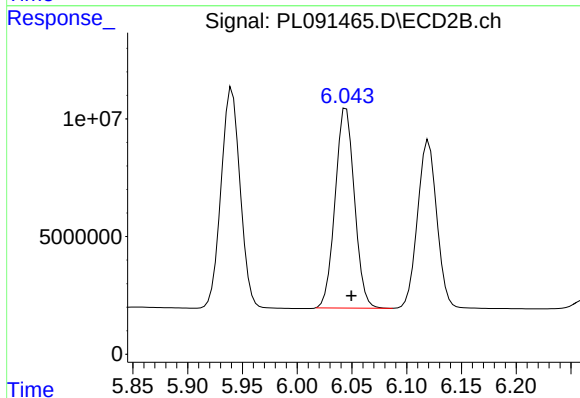
R.T.: 5.794 min  
Delta R.T.: -0.004 min  
Response: 97768622  
Conc: 59.23 ng/ml



#17 4,4'-DDT

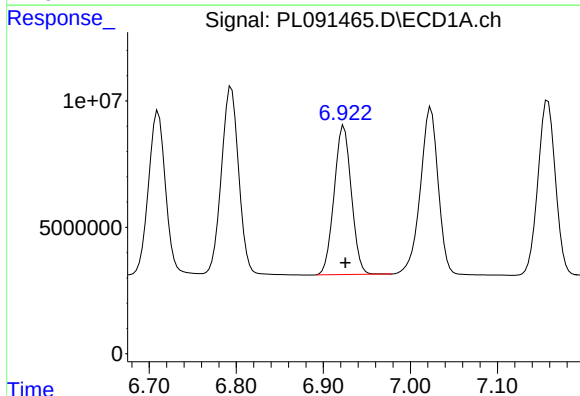
R.T.: 7.024 min  
Delta R.T.: -0.001 min  
Response: 93870250  
Conc: 52.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



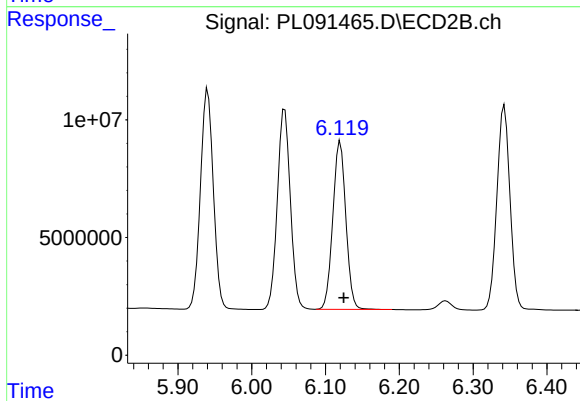
#17 4,4'-DDT

R.T.: 6.045 min  
Delta R.T.: -0.005 min  
Response: 103995020  
Conc: 58.54 ng/ml



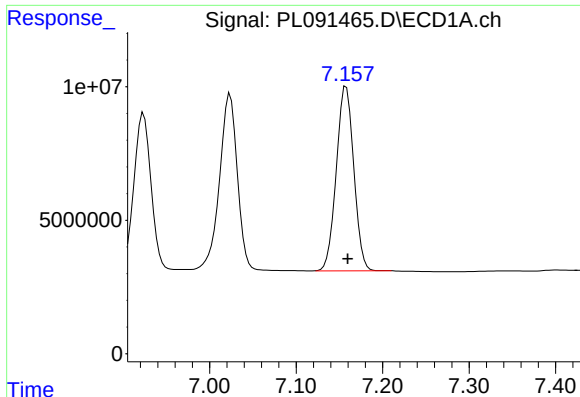
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: -0.002 min  
Response: 80971644  
Conc: 50.72 ng/ml



#18 Endrin aldehyde

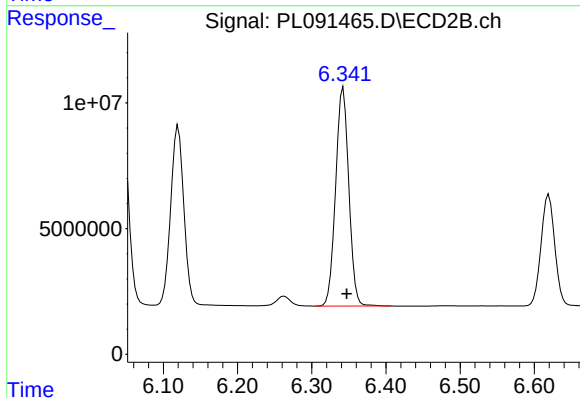
R.T.: 6.120 min  
Delta R.T.: -0.004 min  
Response: 87736786  
Conc: 56.32 ng/ml



#19 Endosulfan Sulfate

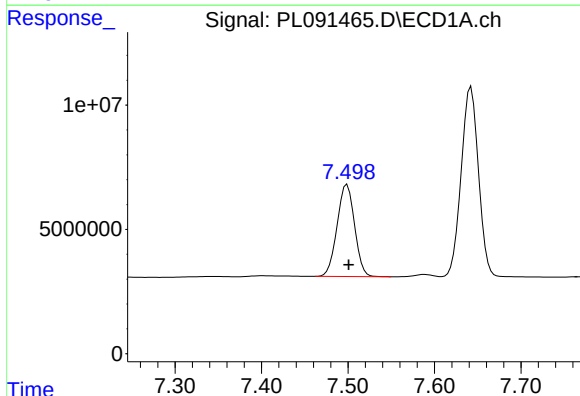
R.T.: 7.158 min  
Delta R.T.: -0.002 min  
Response: 96604107  
Conc: 50.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



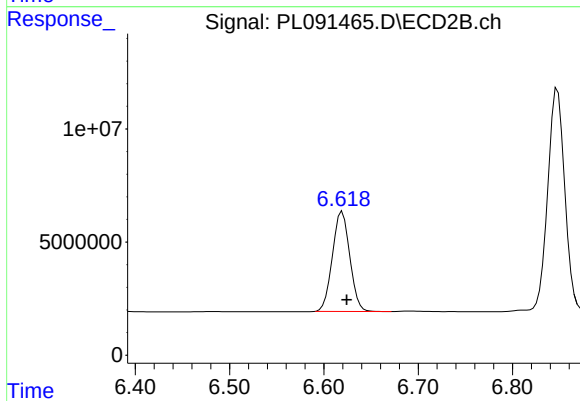
#19 Endosulfan Sulfate

R.T.: 6.342 min  
Delta R.T.: -0.005 min  
Response: 107590975  
Conc: 55.80 ng/ml



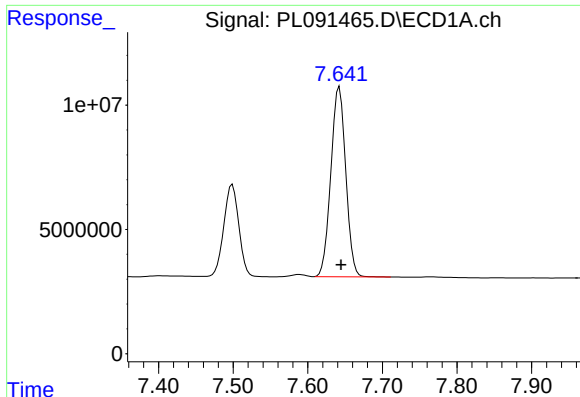
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: -0.002 min  
Response: 51764597  
Conc: 55.05 ng/ml



#20 Methoxychlor

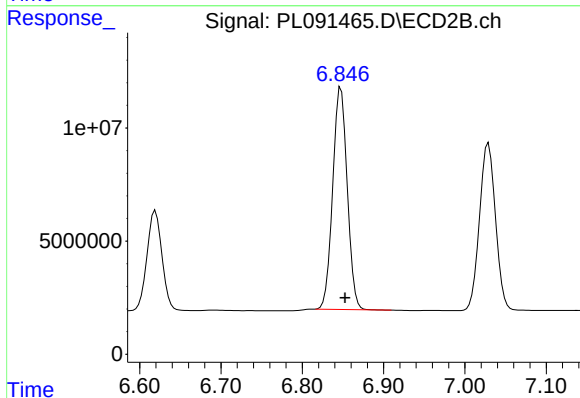
R.T.: 6.619 min  
Delta R.T.: -0.005 min  
Response: 56659466  
Conc: 57.06 ng/ml



#21 Endrin ketone

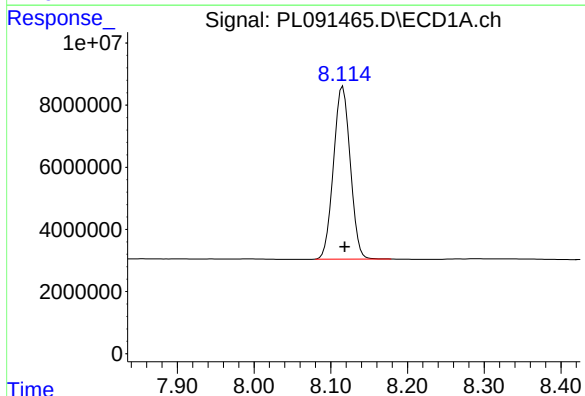
R.T.: 7.642 min  
Delta R.T.: -0.002 min  
Response: 106241289  
Conc: 50.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



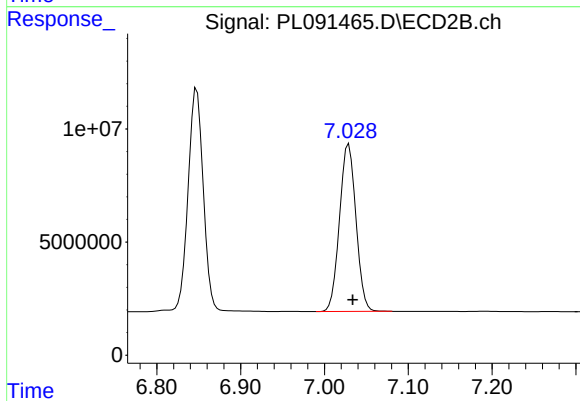
#21 Endrin ketone

R.T.: 6.848 min  
Delta R.T.: -0.005 min  
Response: 121920607  
Conc: 55.98 ng/ml



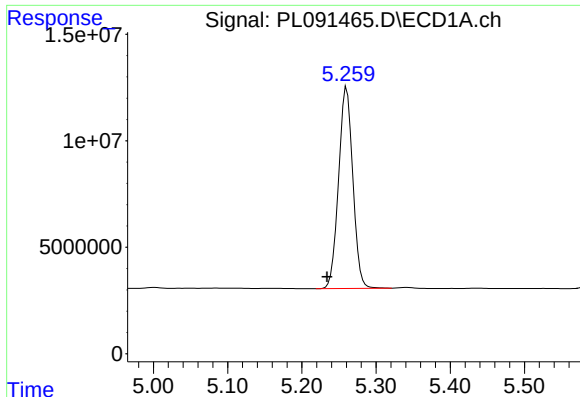
#22 Mirex

R.T.: 8.116 min  
Delta R.T.: -0.002 min  
Response: 84430730  
Conc: 49.63 ng/ml



#22 Mirex

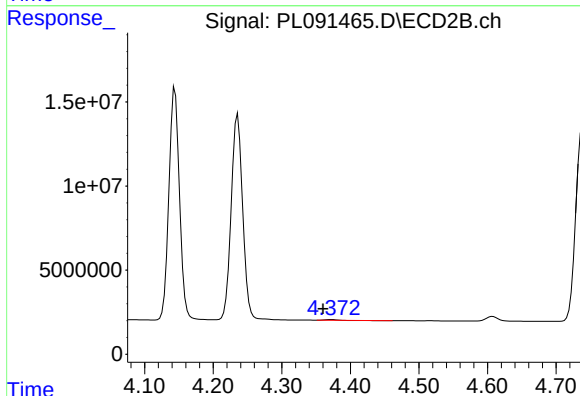
R.T.: 7.029 min  
Delta R.T.: -0.005 min  
Response: 100934928  
Conc: 54.08 ng/ml



#24 Chlordane-2

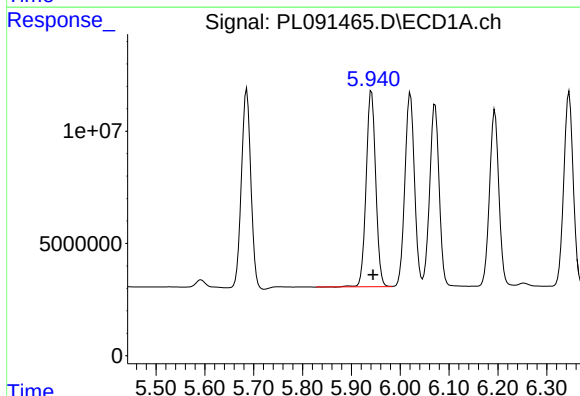
R.T.: 5.260 min  
Delta R.T.: 0.027 min  
Response: 126315626  
Conc: 1244.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



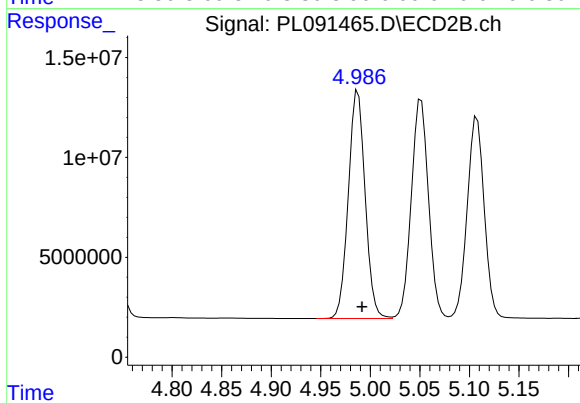
#24 Chlordane-2

R.T.: 4.373 min  
Delta R.T.: 0.012 min  
Response: 472581  
Conc: 5.03 ng/ml



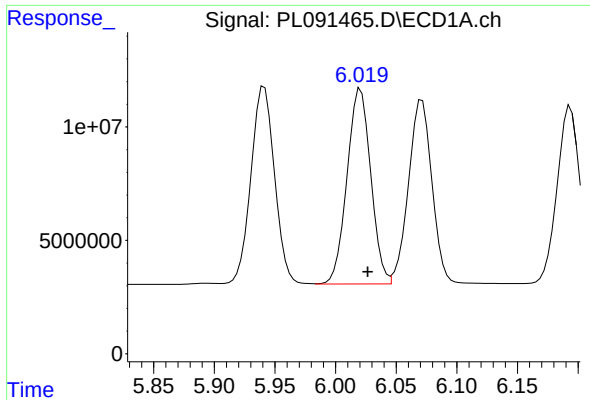
#25 Chlordane-3

R.T.: 5.941 min  
Delta R.T.: -0.003 min  
Response: 118796460  
Conc: 342.03 ng/ml



#25 Chlordane-3

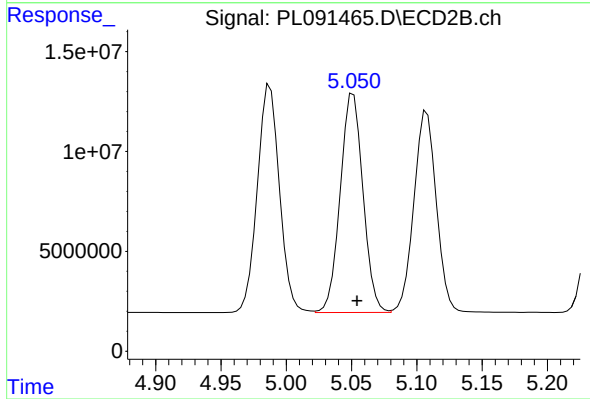
R.T.: 4.988 min  
Delta R.T.: -0.004 min  
Response: 134707327  
Conc: 554.73 ng/ml



#26 Chlordane-4

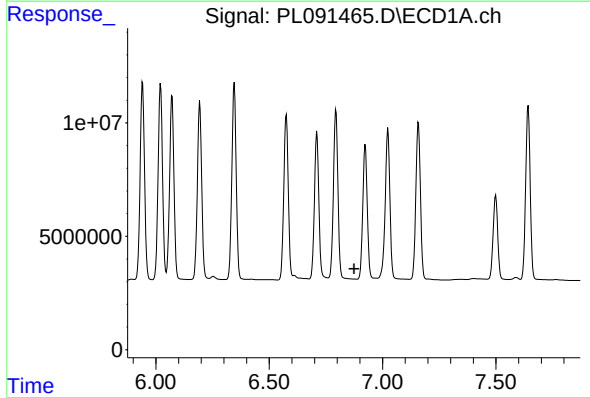
R.T.: 6.021 min  
Delta R.T.: -0.006 min  
Response: 117329826  
Conc: 278.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



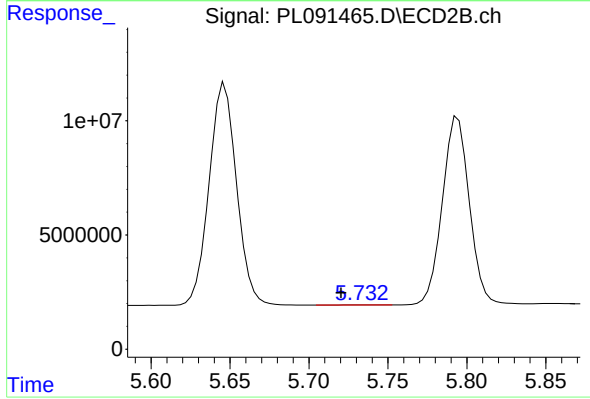
#26 Chlordane-4

R.T.: 5.051 min  
Delta R.T.: -0.003 min  
Response: 133122862  
Conc: 570.93 ng/ml



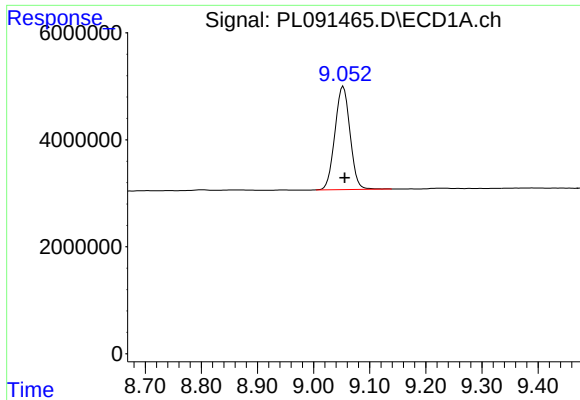
#27 Chlordane-5

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



#27 Chlordane-5

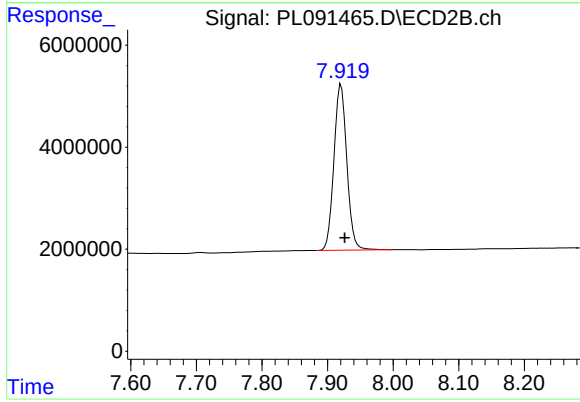
R.T.: 5.734 min  
Delta R.T.: 0.014 min  
Response: 66591  
Conc: 0.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min  
Delta R.T.: -0.002 min  
Response: 36153937  
Conc: 23.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.921 min  
Delta R.T.: -0.005 min  
Response: 44520153  
Conc: 23.50 ng/ml