

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091324\  
 Data File : PL091750.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Sep 2024 20:27  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 14 03:50:29 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 19:26:36 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... | 3.545  | 2.784 | 78046894 | 99306861 | 50.075   | 53.097     |
| 28)                         | SA Decachlor... | 9.060  | 7.924 | 56854539 | 84903408 | 46.781   | 45.980     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.000  | 3.287 | 108.1E6  | 143.3E6  | 50.069   | 53.870     |
| 3)                          | MA gamma-BHC... | 4.333  | 3.617 | 102.6E6  | 130.8E6  | 49.912   | 53.181     |
| 4)                          | MA Heptachlor   | 4.922  | 3.957 | 91654000 | 122.6E6  | 48.934   | 50.891     |
| 5)                          | MB Aldrin       | 5.263  | 4.237 | 92434723 | 125.3E6  | 49.627   | 54.934     |
| 6)                          | B beta-BHC      | 4.529  | 3.916 | 45587439 | 56038724 | 50.095   | 51.296     |
| 7)                          | B delta-BHC     | 4.777  | 4.146 | 93070537 | 126.2E6  | 48.445   | 54.841     |
| 8)                          | B Heptachlo...  | 5.689  | 4.739 | 83498194 | 107.8E6  | 50.037   | 51.129     |
| 9)                          | A Endosulfan I  | 6.074  | 5.109 | 75483503 | 96278803 | 48.446   | 49.902     |
| 10)                         | B gamma-Chl...  | 5.945  | 4.989 | 81036990 | 117.1E6  | 48.503   | 53.093     |
| 11)                         | B alpha-Chl...  | 6.024  | 5.053 | 80267201 | 107.0E6  | 49.799   | 51.715     |
| 12)                         | B 4,4'-DDE      | 6.197  | 5.242 | 71761625 | 103.4E6  | 49.197   | 54.523     |
| 13)                         | MA Dieldrin     | 6.350  | 5.374 | 79357484 | 104.8E6  | 48.634   | 50.984     |
| 14)                         | MA Endrin       | 6.579  | 5.649 | 58998509 | 85703535 | 44.370   | 45.413     |
| 15)                         | B Endosulfa...  | 6.799  | 5.943 | 72830899 | 89066167 | 46.988   | 50.351     |
| 16)                         | A 4,4'-DDD      | 6.715  | 5.796 | 66304818 | 89461332 | 52.310   | 53.386     |
| 17)                         | MA 4,4'-DDT     | 7.028  | 6.047 | 54789382 | 68710002 | 41.768   | 42.762     |
| 18)                         | B Endrin al...  | 6.929  | 6.123 | 57140496 | 69131811 | 48.093   | 50.570     |
| 19)                         | B Endosulfa...  | 7.163  | 6.345 | 65281250 | 84583241 | 46.750   | 49.288     |
| 20)                         | A Methoxychlor  | 7.503  | 6.622 | 28913507 | 37804610 | 42.742   | 42.680     |
| 21)                         | B Endrin ke...  | 7.648  | 6.851 | 74602901 | 102.2E6  | 48.245   | 50.804     |
| 22)                         | Mirex           | 8.121  | 7.033 | 55576878 | 79430632 | 46.413   | 44.794     |
| 24)                         | Chlordane-2     | 5.263f | 4.373 | 92434723 | 10475385 | 1202.291 | 139.762 #  |
| 25)                         | Chlordane-3     | 5.945  | 4.989 | 81036990 | 117.1E6  | 315.443  | 502.299 #  |
| 26)                         | Chlordane-4     | 6.024  | 5.053 | 80267201 | 107.0E6  | 271.030  | 513.099 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.943 | 0        | 89066167 | N.D.     | 1242.889 # |
| -----                       |                 |        |       |          |          |          |            |

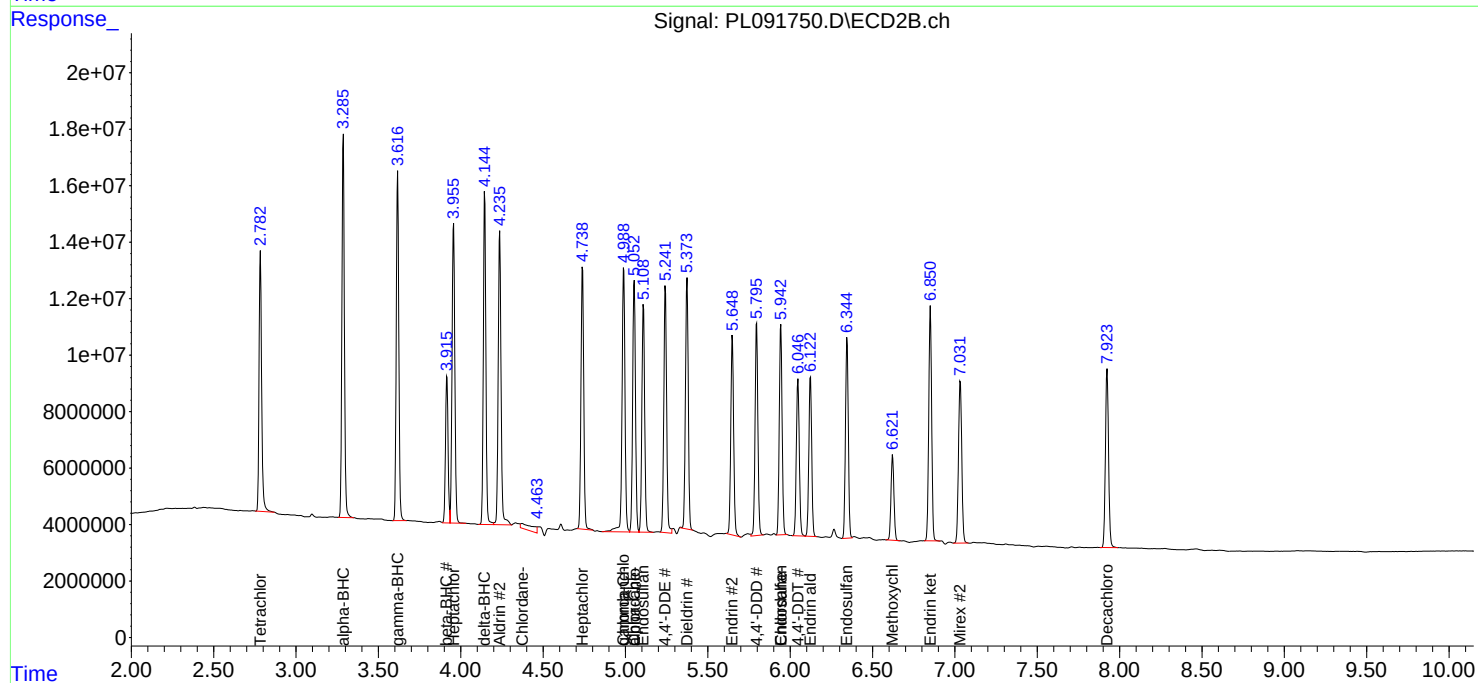
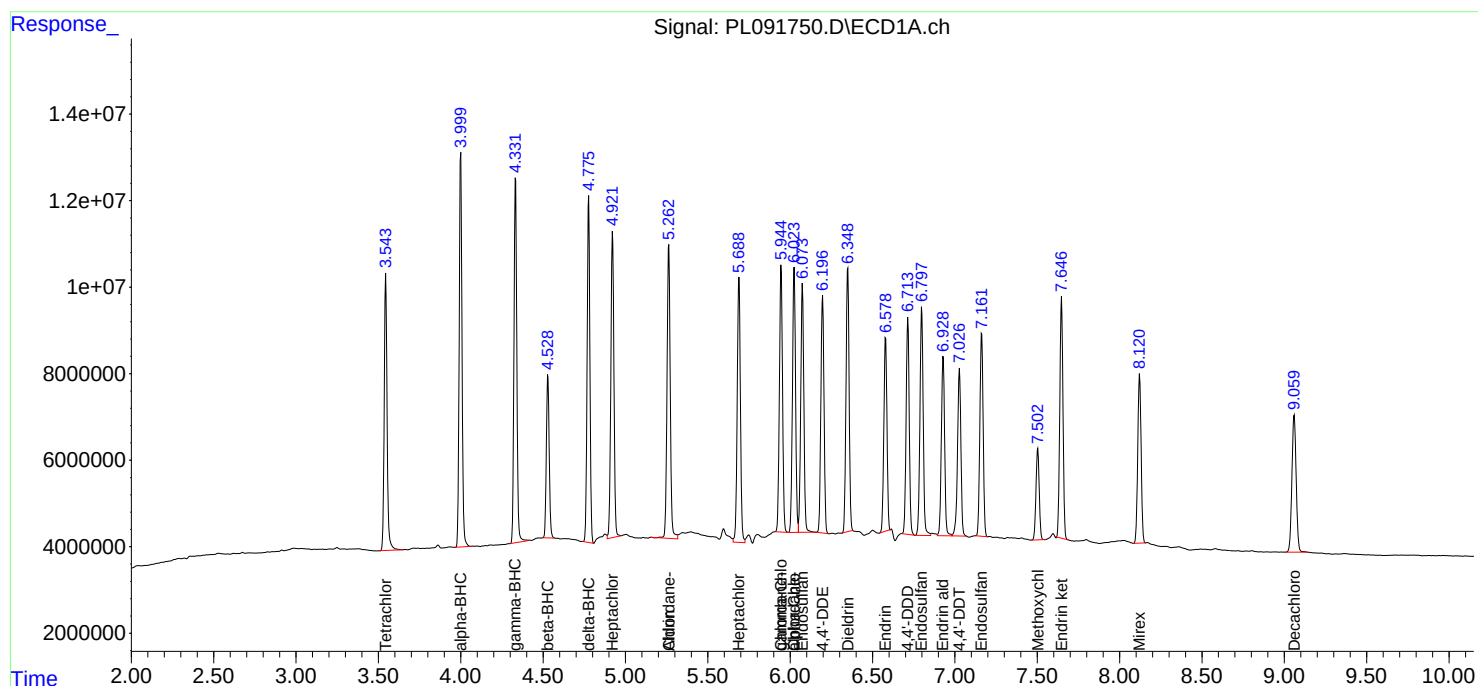
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

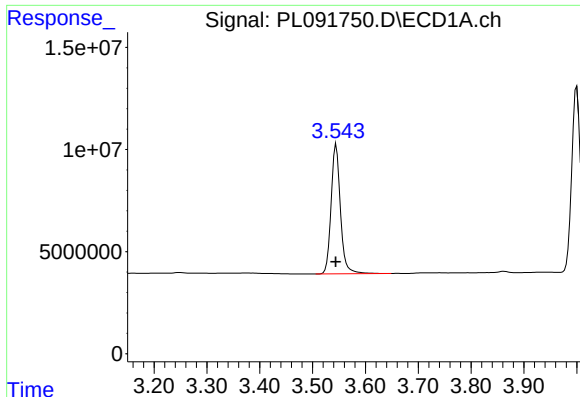
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091324\  
Data File : PL091750.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Sep 2024 20:27  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 14 03:50:29 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 09 19:26:36 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

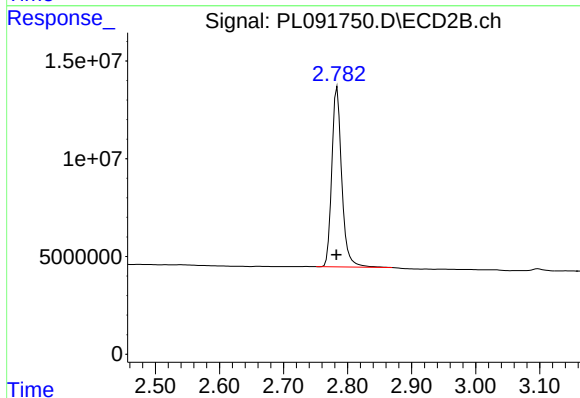




#1 Tetrachloro-m-xylene

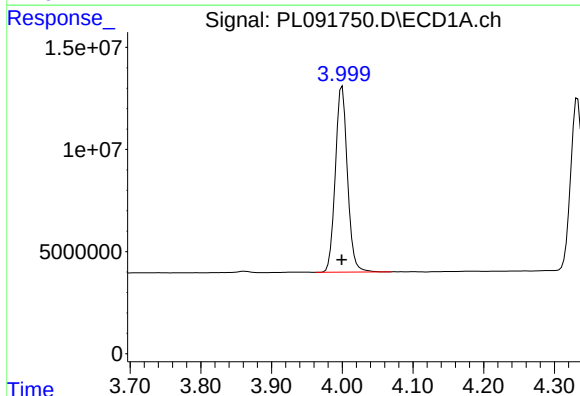
R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 78046894  
Conc: 50.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



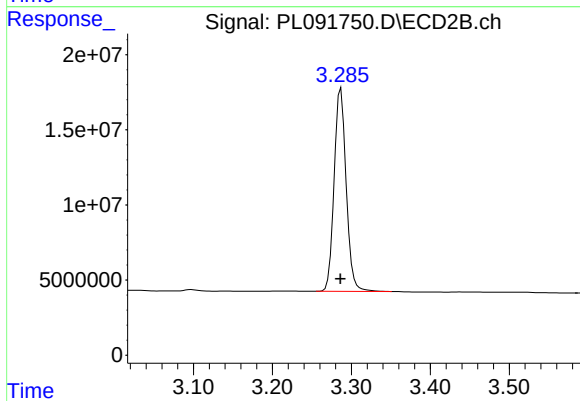
#1 Tetrachloro-m-xylene

R.T.: 2.784 min  
Delta R.T.: 0.001 min  
Response: 99306861  
Conc: 53.10 ng/ml



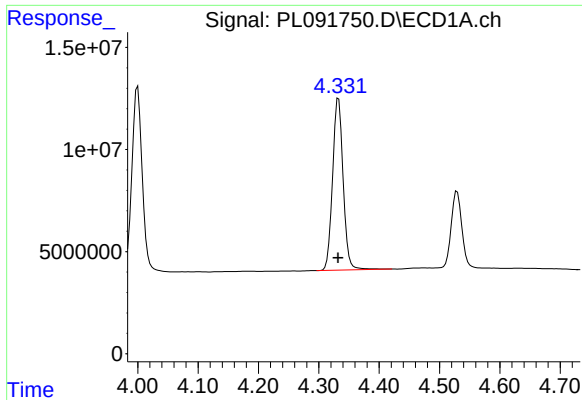
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: 0.000 min  
Response: 108145794  
Conc: 50.07 ng/ml



#2 alpha-BHC

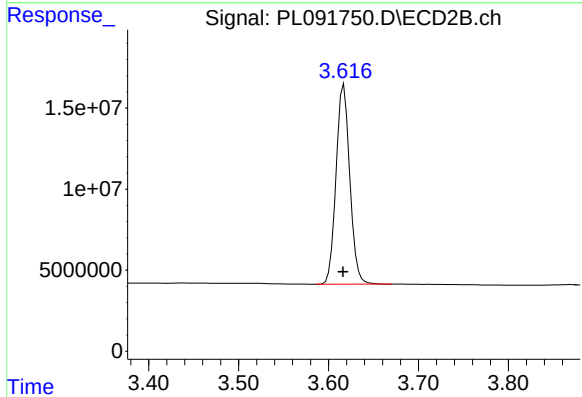
R.T.: 3.287 min  
Delta R.T.: 0.000 min  
Response: 143269889  
Conc: 53.87 ng/ml



#3 gamma-BHC (Lindane)

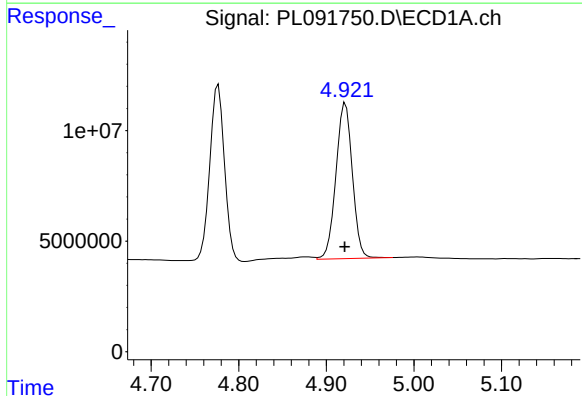
R.T.: 4.333 min  
Delta R.T.: 0.000 min  
Response: 102604582  
Conc: 49.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



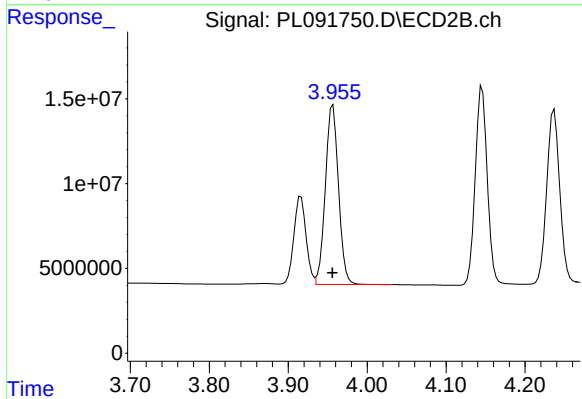
#3 gamma-BHC (Lindane)

R.T.: 3.617 min  
Delta R.T.: 0.000 min  
Response: 130796537  
Conc: 53.18 ng/ml



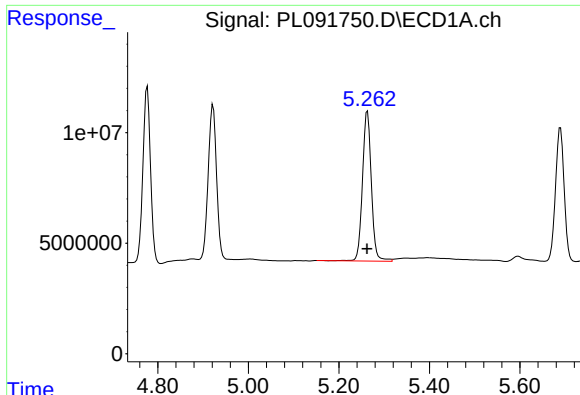
#4 Heptachlor

R.T.: 4.922 min  
Delta R.T.: 0.000 min  
Response: 91654000  
Conc: 48.93 ng/ml



#4 Heptachlor

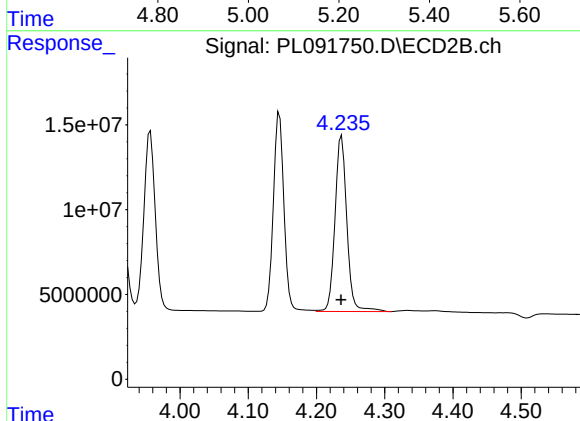
R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 122561133  
Conc: 50.89 ng/ml



#5 Aldrin

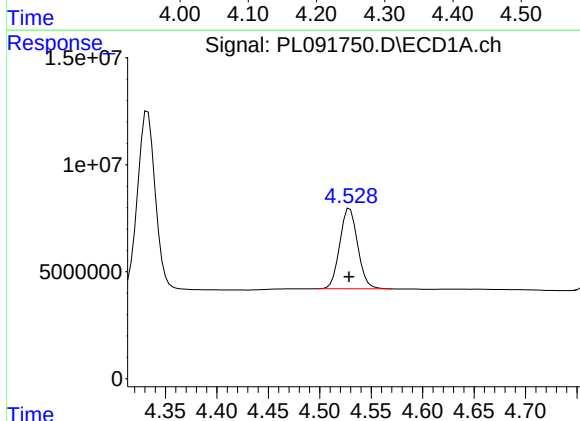
R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 92434723  
Conc: 49.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



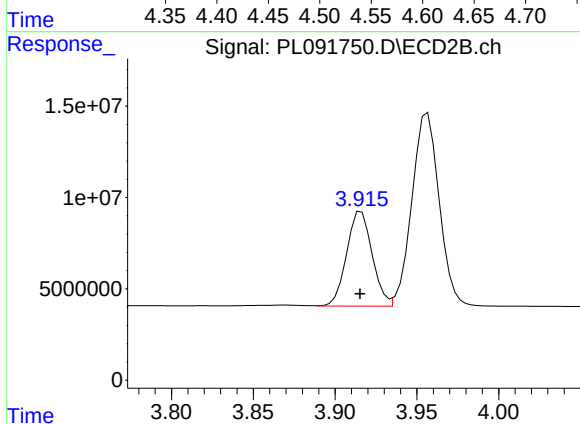
#5 Aldrin

R.T.: 4.237 min  
Delta R.T.: 0.000 min  
Response: 125331741  
Conc: 54.93 ng/ml



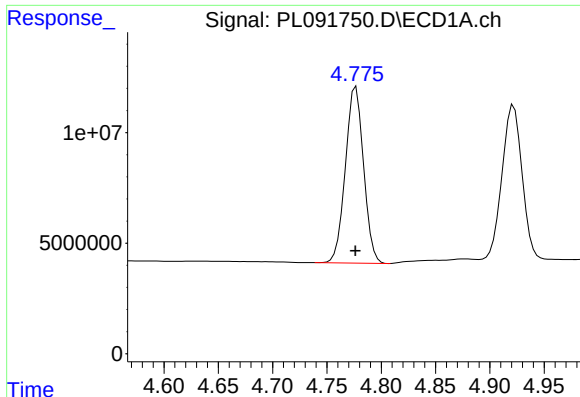
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 45587439  
Conc: 50.09 ng/ml



#6 beta-BHC

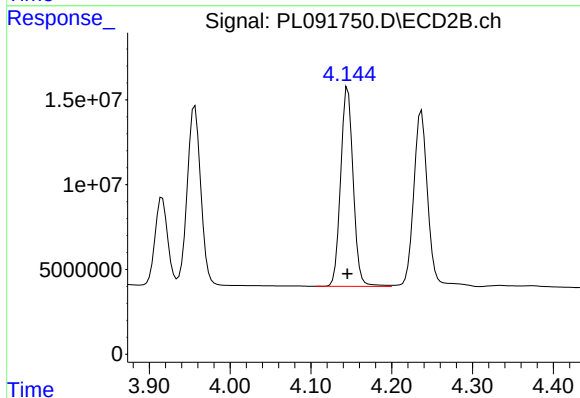
R.T.: 3.916 min  
Delta R.T.: 0.000 min  
Response: 56038724  
Conc: 51.30 ng/ml



#7 delta-BHC

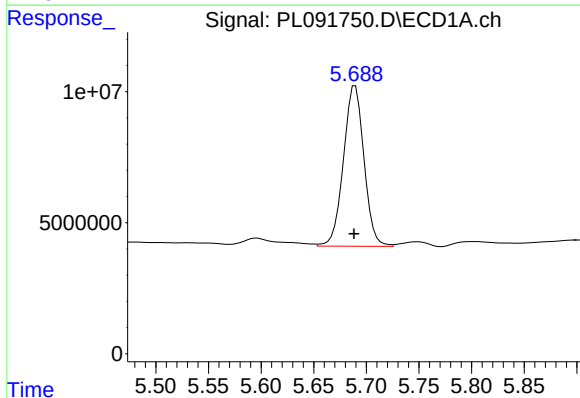
R.T.: 4.777 min  
Delta R.T.: 0.000 min  
Response: 93070537  
Conc: 48.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



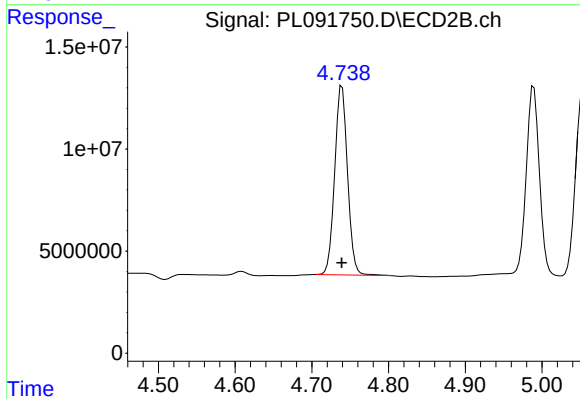
#7 delta-BHC

R.T.: 4.146 min  
Delta R.T.: 0.000 min  
Response: 126173354  
Conc: 54.84 ng/ml



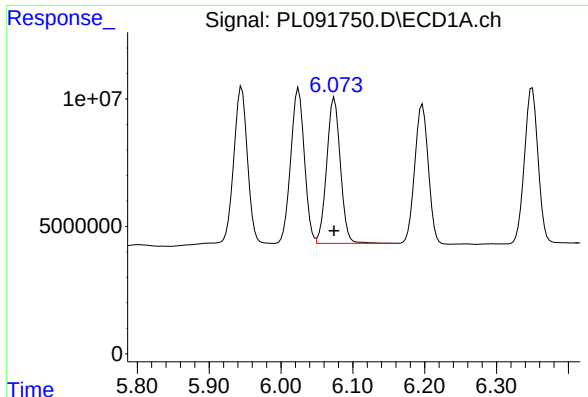
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: 0.000 min  
Response: 83498194  
Conc: 50.04 ng/ml



#8 Heptachlor epoxide

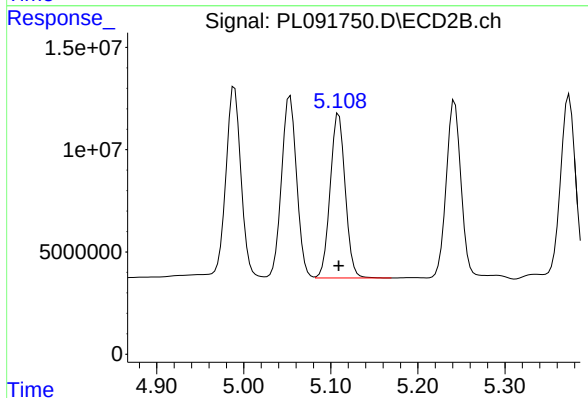
R.T.: 4.739 min  
Delta R.T.: 0.000 min  
Response: 107765893  
Conc: 51.13 ng/ml



#9 Endosulfan I

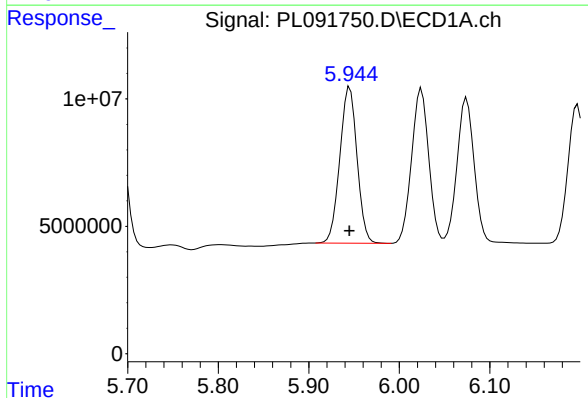
R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 75483503  
Conc: 48.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



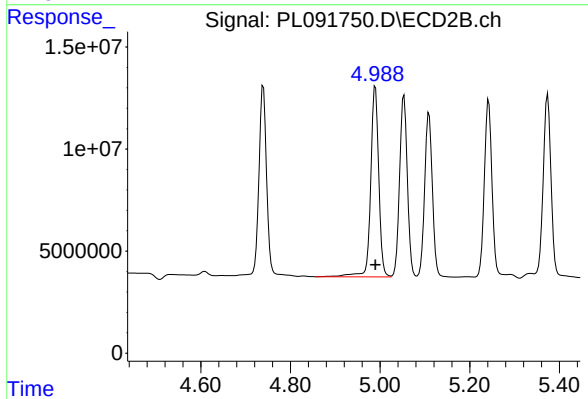
#9 Endosulfan I

R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 96278803  
Conc: 49.90 ng/ml



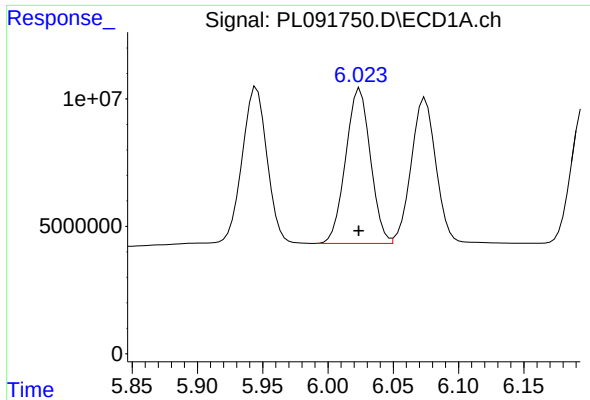
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 81036990  
Conc: 48.50 ng/ml



#10 gamma-Chlordane

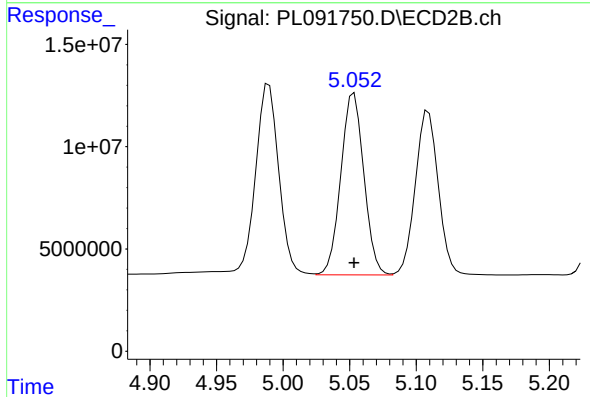
R.T.: 4.989 min  
Delta R.T.: 0.000 min  
Response: 117106554  
Conc: 53.09 ng/ml



#11 alpha-Chlordane

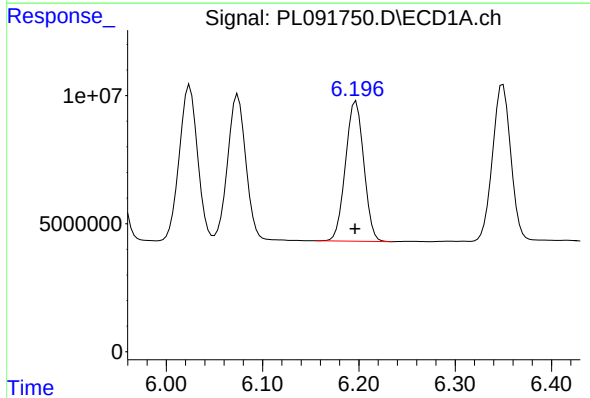
R.T.: 6.024 min  
Delta R.T.: 0.001 min  
Response: 80267201  
Conc: 49.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



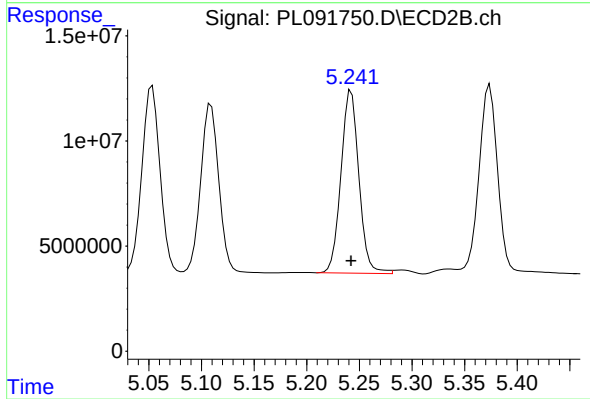
#11 alpha-Chlordane

R.T.: 5.053 min  
Delta R.T.: 0.000 min  
Response: 106997973  
Conc: 51.71 ng/ml



#12 4,4'-DDE

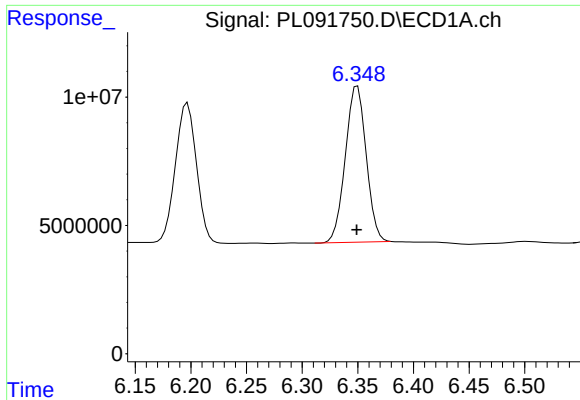
R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 71761625  
Conc: 49.20 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min  
Delta R.T.: 0.000 min  
Response: 103414549  
Conc: 54.52 ng/ml

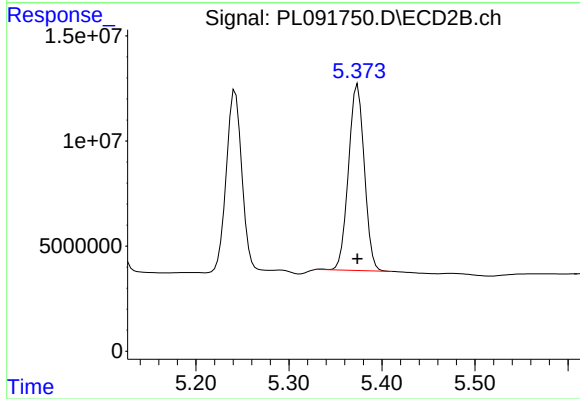




#13 Dieldrin

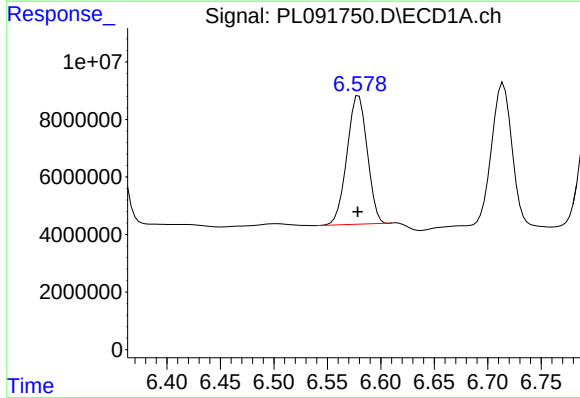
R.T.: 6.350 min  
Delta R.T.: 0.000 min  
Response: 79357484  
Conc: 48.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



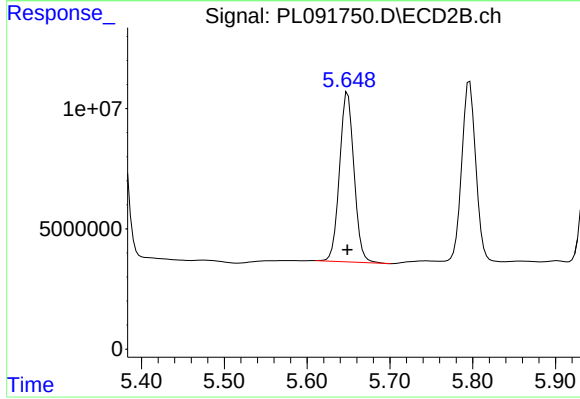
#13 Dieldrin

R.T.: 5.374 min  
Delta R.T.: 0.000 min  
Response: 104794021  
Conc: 50.98 ng/ml



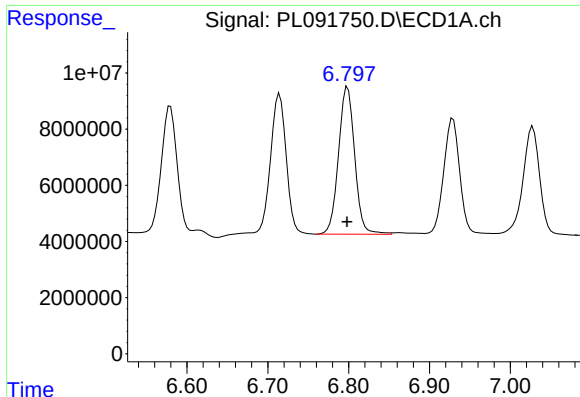
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 58998509  
Conc: 44.37 ng/ml



#14 Endrin

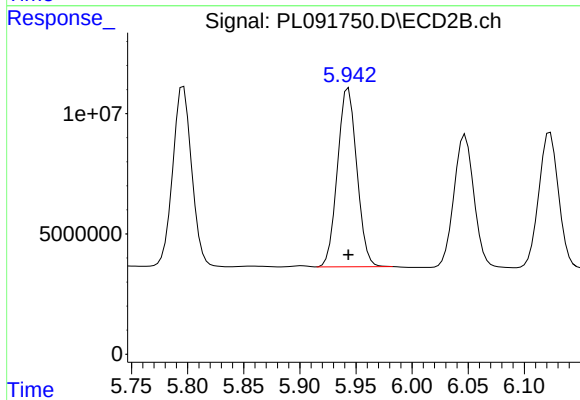
R.T.: 5.649 min  
Delta R.T.: 0.000 min  
Response: 85703535  
Conc: 45.41 ng/ml



#15 Endosulfan II

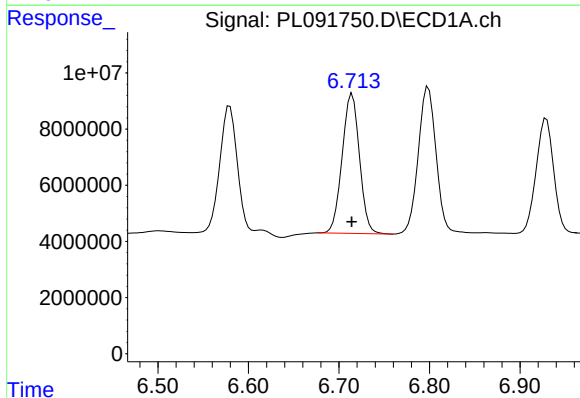
R.T.: 6.799 min  
Delta R.T.: 0.000 min  
Response: 72830899  
Conc: 46.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



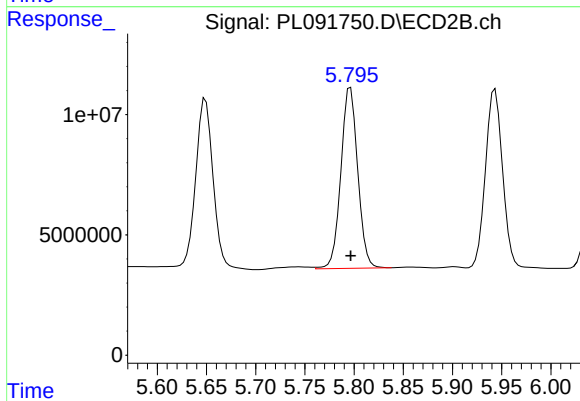
#15 Endosulfan II

R.T.: 5.943 min  
Delta R.T.: 0.000 min  
Response: 89066167  
Conc: 50.35 ng/ml



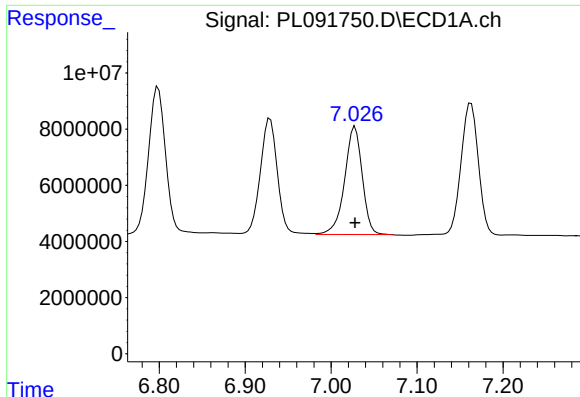
#16 4,4'-DDD

R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 66304818  
Conc: 52.31 ng/ml



#16 4,4'-DDD

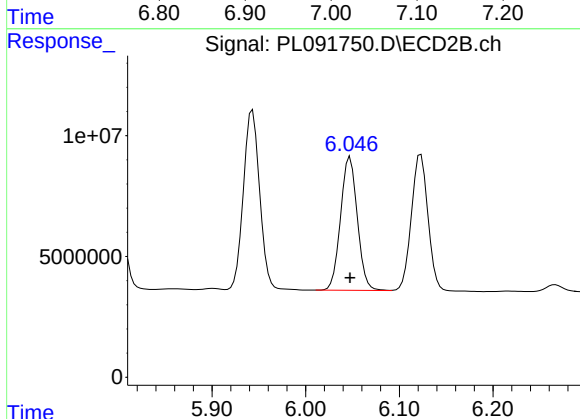
R.T.: 5.796 min  
Delta R.T.: 0.000 min  
Response: 89461332  
Conc: 53.39 ng/ml



#17 4,4'-DDT

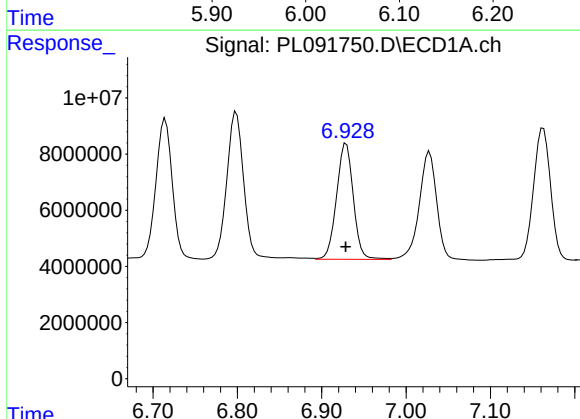
R.T.: 7.028 min  
Delta R.T.: 0.000 min  
Response: 54789382  
Conc: 41.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



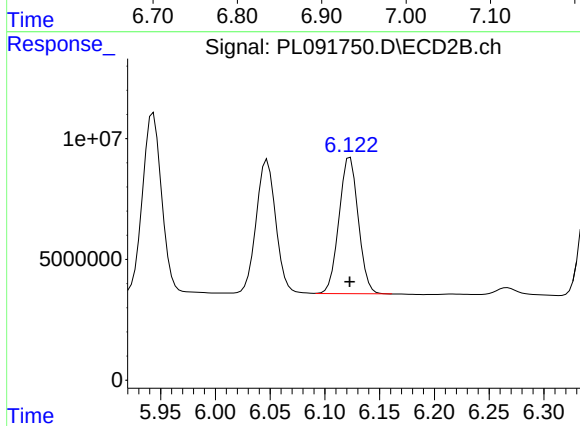
#17 4,4'-DDT

R.T.: 6.047 min  
Delta R.T.: 0.000 min  
Response: 68710002  
Conc: 42.76 ng/ml



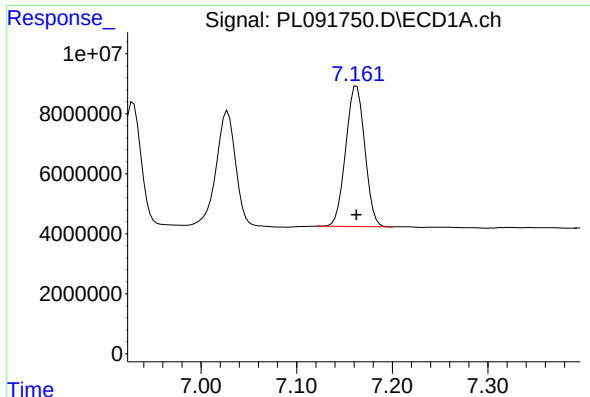
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: 0.000 min  
Response: 57140496  
Conc: 48.09 ng/ml



#18 Endrin aldehyde

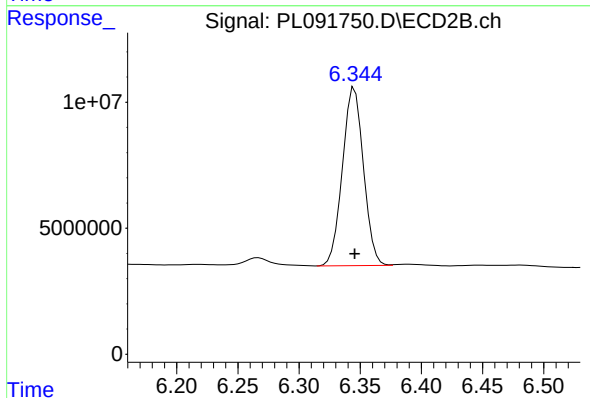
R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 69131811  
Conc: 50.57 ng/ml



#19 Endosulfan Sulfate

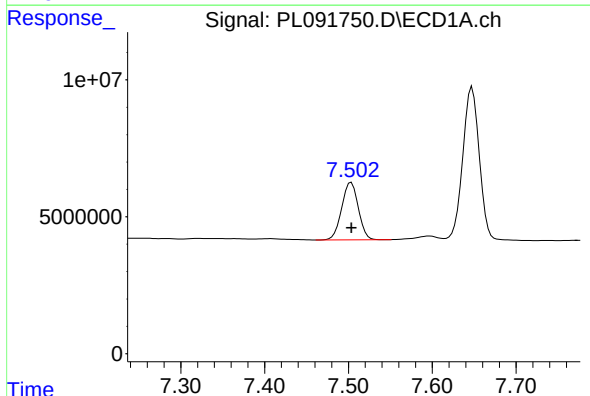
R.T.: 7.163 min  
Delta R.T.: 0.000 min  
Response: 65281250  
Conc: 46.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



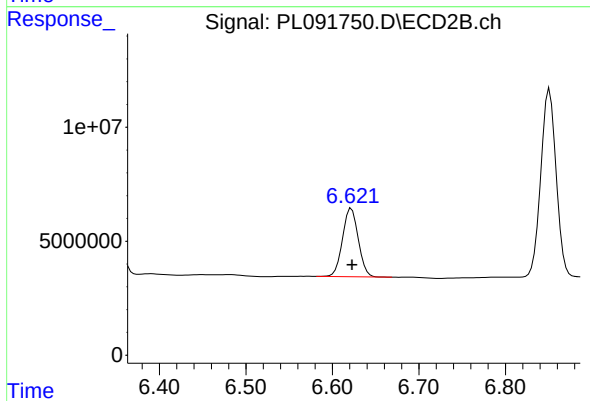
#19 Endosulfan Sulfate

R.T.: 6.345 min  
Delta R.T.: 0.000 min  
Response: 84583241  
Conc: 49.29 ng/ml



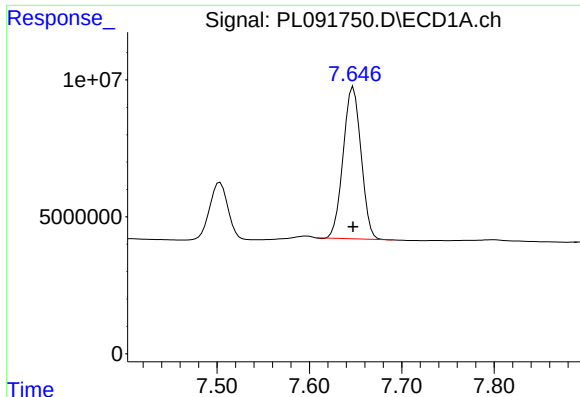
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: 0.000 min  
Response: 28913507  
Conc: 42.74 ng/ml



#20 Methoxychlor

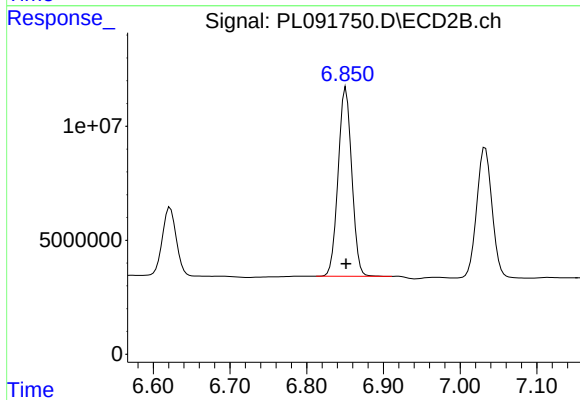
R.T.: 6.622 min  
Delta R.T.: 0.000 min  
Response: 37804610  
Conc: 42.68 ng/ml



#21 Endrin ketone

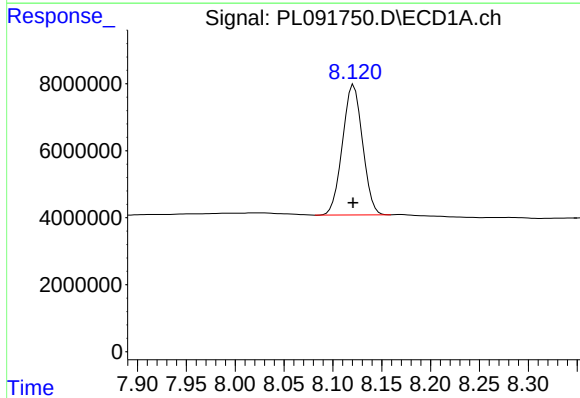
R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 74602901  
Conc: 48.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



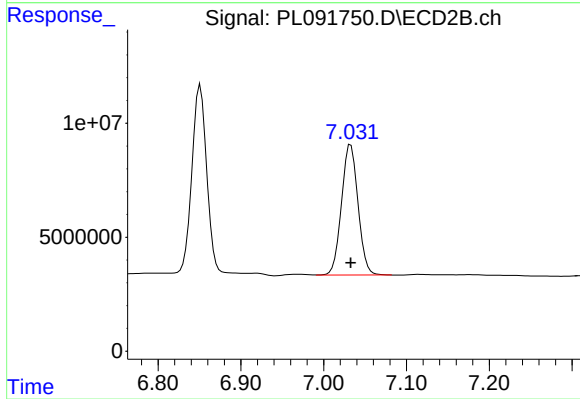
#21 Endrin ketone

R.T.: 6.851 min  
Delta R.T.: 0.000 min  
Response: 102186925  
Conc: 50.80 ng/ml



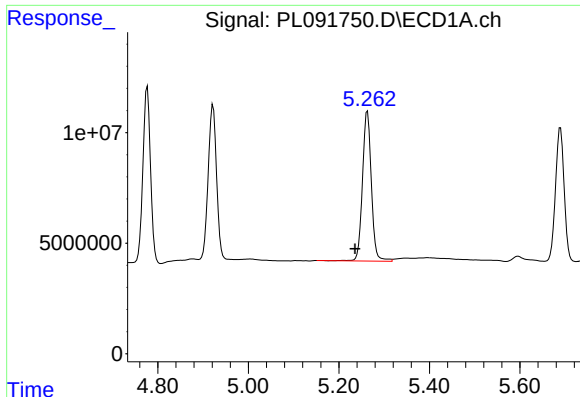
#22 Mirex

R.T.: 8.121 min  
Delta R.T.: 0.000 min  
Response: 55576878  
Conc: 46.41 ng/ml



#22 Mirex

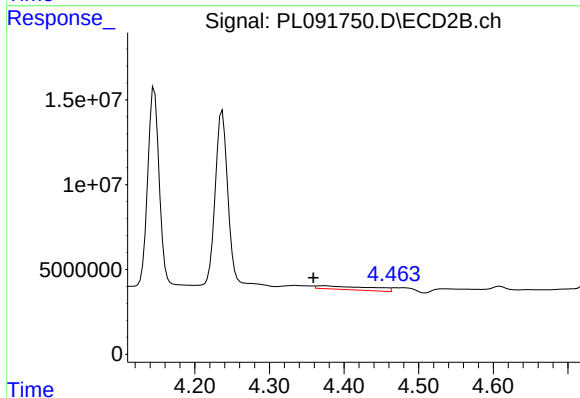
R.T.: 7.033 min  
Delta R.T.: 0.000 min  
Response: 79430632  
Conc: 44.79 ng/ml



#24 Chlordane-2

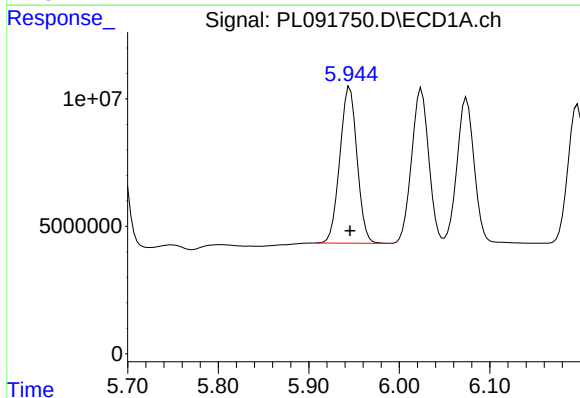
R.T.: 5.263 min  
Delta R.T.: 0.028 min  
Response: 92434723  
Conc: 1202.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



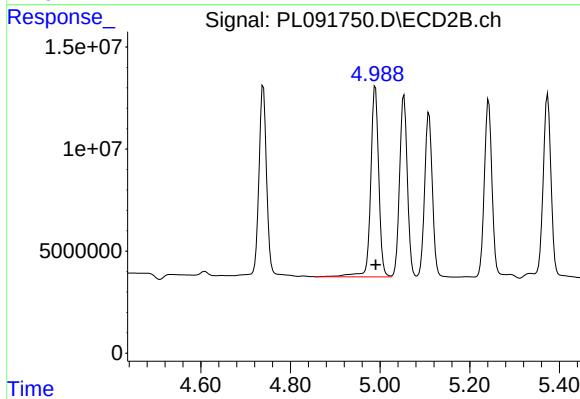
#24 Chlordane-2

R.T.: 4.373 min  
Delta R.T.: 0.014 min  
Response: 10475385  
Conc: 139.76 ng/ml



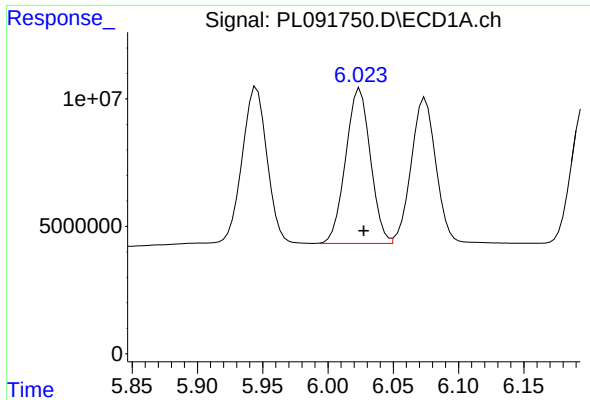
#25 Chlordane-3

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 81036990  
Conc: 315.44 ng/ml



#25 Chlordane-3

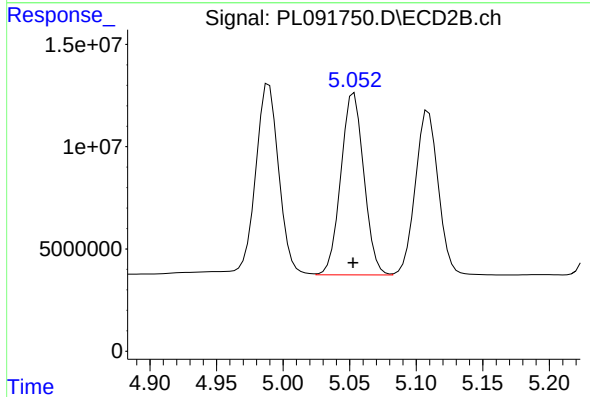
R.T.: 4.989 min  
Delta R.T.: 0.000 min  
Response: 117106554  
Conc: 502.30 ng/ml



#26 Chlordane-4

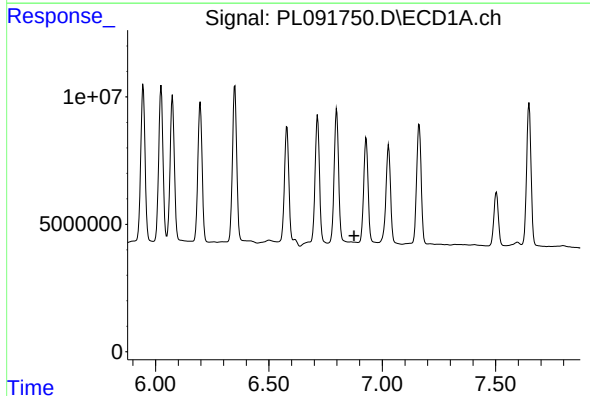
R.T.: 6.024 min  
Delta R.T.: -0.003 min  
Response: 80267201  
Conc: 271.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



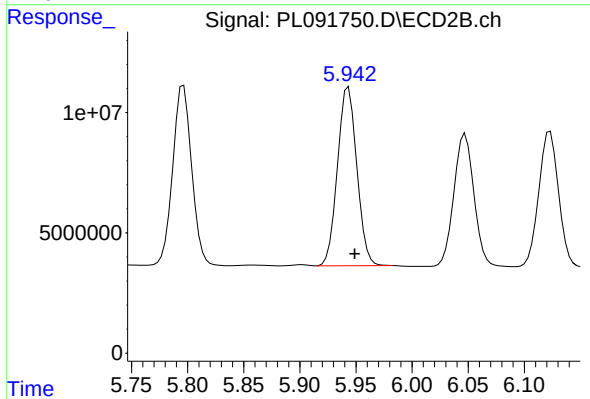
#26 Chlordane-4

R.T.: 5.053 min  
Delta R.T.: 0.000 min  
Response: 106997973  
Conc: 513.10 ng/ml



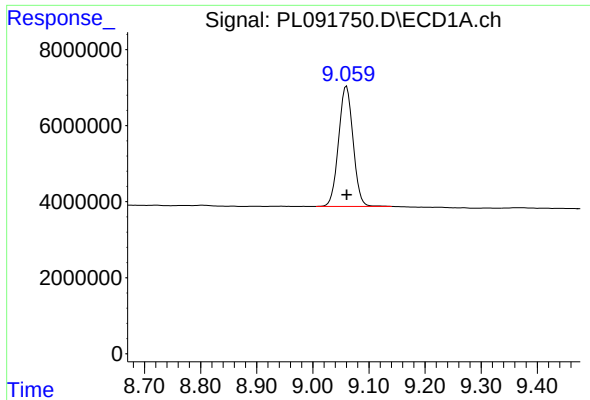
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.876 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

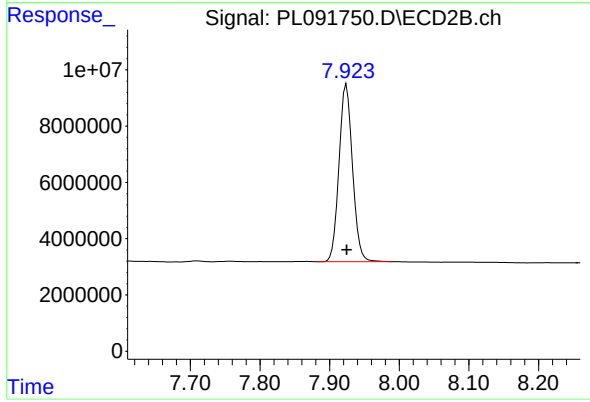
R.T.: 5.943 min  
Delta R.T.: -0.006 min  
Response: 89066167  
Conc: 1242.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min  
Delta R.T.: 0.000 min  
Response: 56854539  
Conc: 46.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.924 min  
Delta R.T.: 0.000 min  
Response: 84903408  
Conc: 45.98 ng/ml