

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080919\  
 Data File : PL051225.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Aug 2019 09:30  
 Operator : SM\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: Aug 10 02:23:41 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 2019  
 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... | 3.316 | 3.928  | 556.0E6 | 143.2E6  | 55.336   | 50.194     |
| 28)                         | SA Decachlor... | 7.978 | 8.956  | 498.6E6 | 136.9E6  | 49.239   | 48.403     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.744 | 4.315  | 937.6E6 | 215.8E6  | 55.953   | 52.306     |
| 3)                          | MA gamma-BHC... | 4.019 | 4.598  | 878.2E6 | 204.7E6  | 57.096   | 52.848     |
| 4)                          | MA Heptachlor   | 4.303 | 5.100  | 939.1E6 | 217.6E6  | 57.234   | 52.486     |
| 5)                          | MB Aldrin       | 4.541 | 5.402  | 877.5E6 | 201.1E6  | 56.647   | 53.372     |
| 6)                          | B beta-BHC      | 4.274 | 4.775  | 368.2E6 | 94721155 | 56.162   | 54.788     |
| 7)                          | B delta-BHC     | 4.466 | 4.988  | 932.6E6 | 205.9E6  | 56.835   | 53.249     |
| 8)                          | B Heptachlor... | 4.977 | 5.789  | 827.5E6 | 192.6E6  | 56.010   | 50.361     |
| 9)                          | A Endosulfan I  | 5.307 | 6.144  | 789.7E6 | 179.2E6  | 54.296   | 52.116     |
| 10)                         | B gamma-Chl...  | 5.199 | 6.023  | 870.0E6 | 196.1E6  | 55.121   | 53.059     |
| 11)                         | B alpha-Chl...  | 5.255 | 6.094  | 840.4E6 | 193.4E6  | 55.088   | 52.766     |
| 12)                         | B 4,4'-DDE      | 5.423 | 6.254  | 832.3E6 | 190.1E6  | 55.542   | 52.745     |
| 13)                         | MA Dieldrin     | 5.546 | 6.400  | 853.9E6 | 184.7E6  | 55.104   | 52.166     |
| 14)                         | MA Endrin       | 5.798 | 6.617  | 806.3E6 | 160.4E6  | 54.777   | 51.733     |
| 15)                         | B Endosulfa...  | 6.074 | 6.829  | 729.5E6 | 163.8E6  | 52.124   | 51.507     |
| 16)                         | A 4,4'-DDD      | 5.933 | 6.745  | 664.1E6 | 136.2E6  | 55.416   | 51.145     |
| 17)                         | MA 4,4'-DDT     | 6.167 | 7.041  | 666.2E6 | 146.1E6  | 53.785   | 54.119     |
| 18)                         | B Endrin al...  | 6.240 | 6.953  | 580.8E6 | 127.2E6  | 50.345   | 46.824     |
| 19)                         | B Endosulfa...  | 6.452 | 7.176  | 609.1E6 | 147.8E6  | 47.810   | 51.179     |
| 20)                         | A Methoxychlor  | 6.712 | 7.503  | 313.6E6 | 77313354 | 50.272   | 52.692     |
| 21)                         | B Endrin ke...  | 6.933 | 7.645  | 641.0E6 | 147.7E6  | 46.864   | 51.083     |
| 22)                         | Mirex           | 7.107 | 8.092  | 441.9E6 | 112.4E6  | 45.068   | 48.950     |
| 24)                         | Chlordane-2     | 0.000 | 5.402f | 0       | 201.1E6  | N.D.     | 1712.393 # |
| 25)                         | Chlordane-3     | 5.199 | 6.023  | 870.0E6 | 196.1E6  | 621.515  | 407.644 #  |
| 26)                         | Chlordane-4     | 5.255 | 6.094  | 840.4E6 | 193.4E6  | 637.181  | 332.914 #  |
| 27)                         | Chlordane-5     | 6.074 | 0.000  | 729.5E6 | 0        | 1436.155 | N.D. #     |

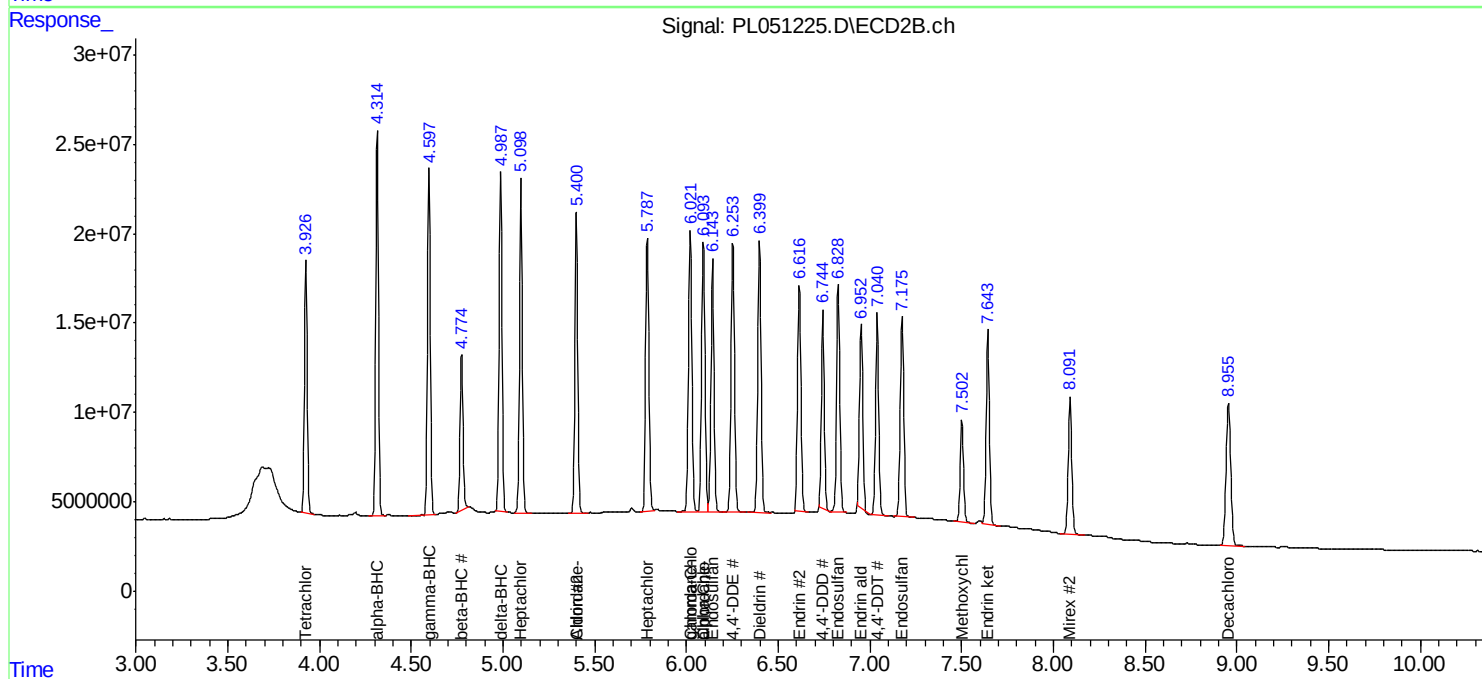
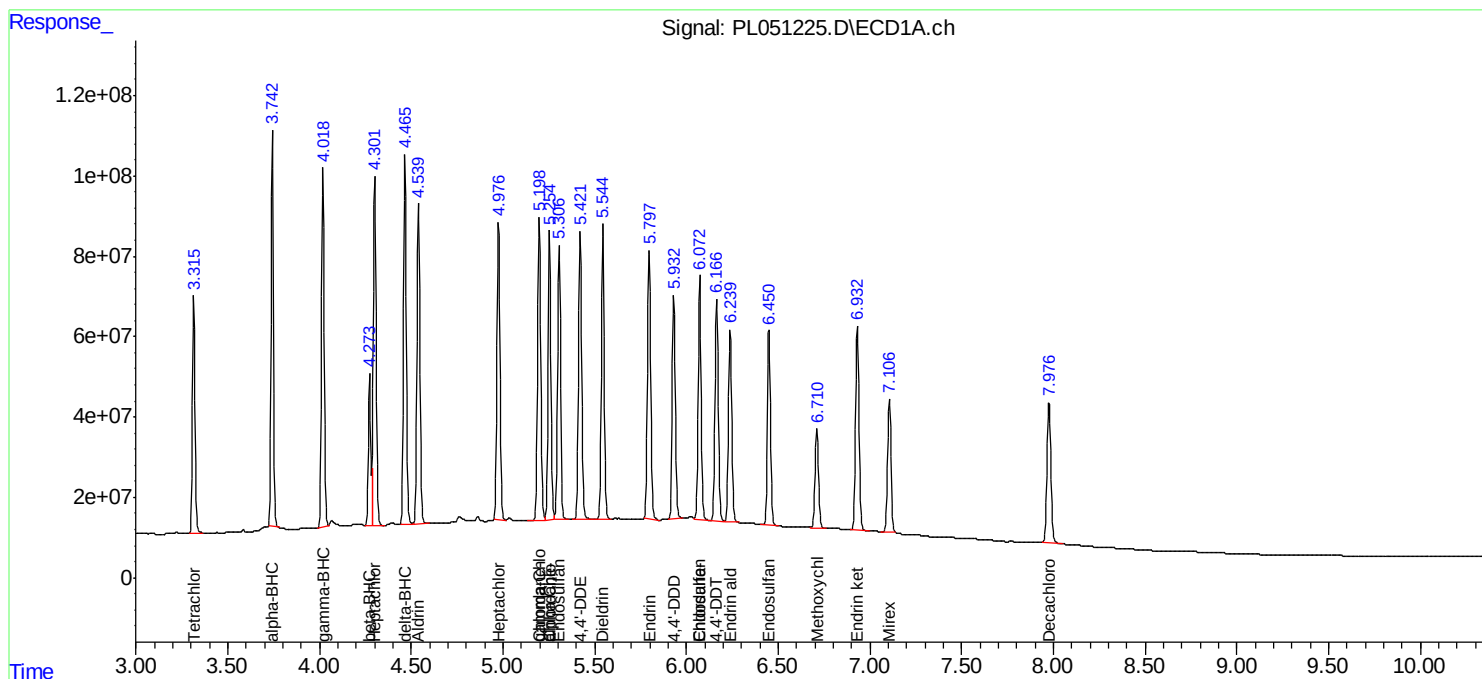
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

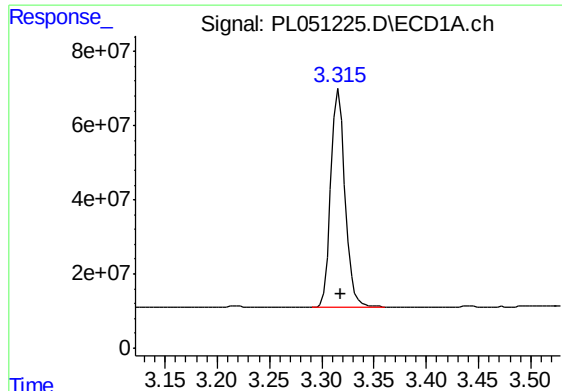
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080919\  
Data File : PL051225.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Aug 2019 09:30  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 02:23:41 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 2019  
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

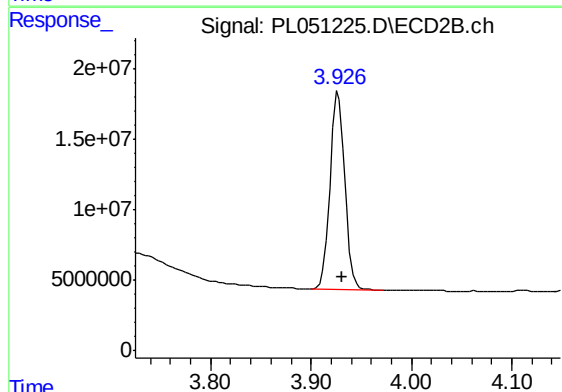




#1 Tetrachloro-m-xylene

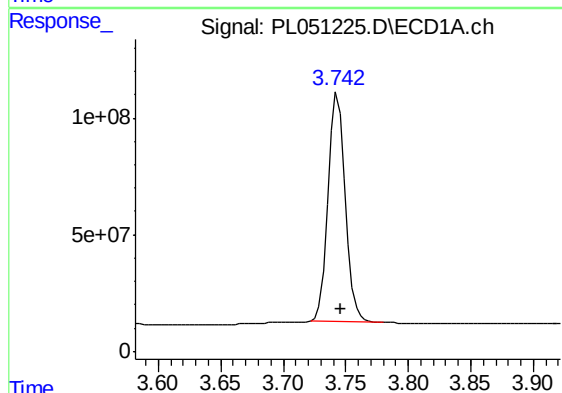
R.T.: 3.316 min  
Delta R.T.: -0.002 min  
Response: 556003311  
Conc: 55.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



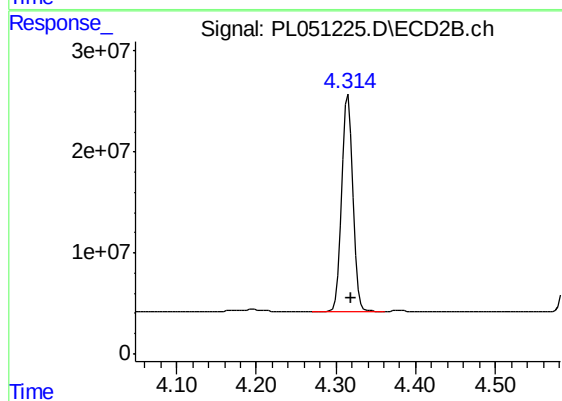
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.003 min  
Response: 143212738  
Conc: 50.19 ng/ml



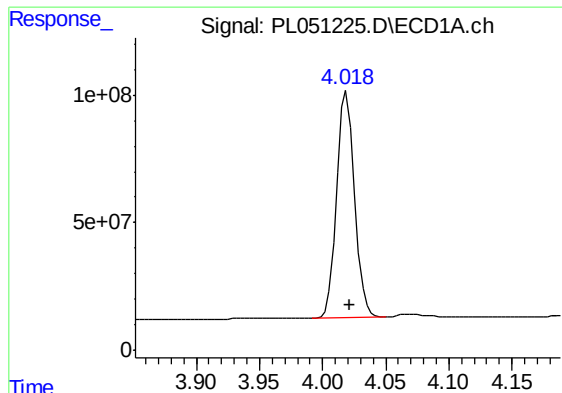
#2 alpha-BHC

R.T.: 3.744 min  
Delta R.T.: -0.002 min  
Response: 937646963  
Conc: 55.95 ng/ml



#2 alpha-BHC

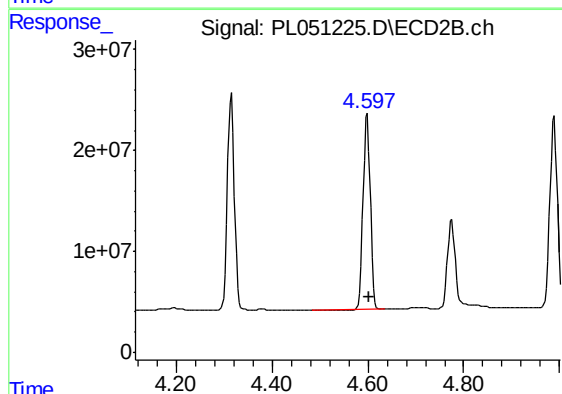
R.T.: 4.315 min  
Delta R.T.: -0.003 min  
Response: 215815000  
Conc: 52.31 ng/ml



#3 gamma-BHC (Lindane)

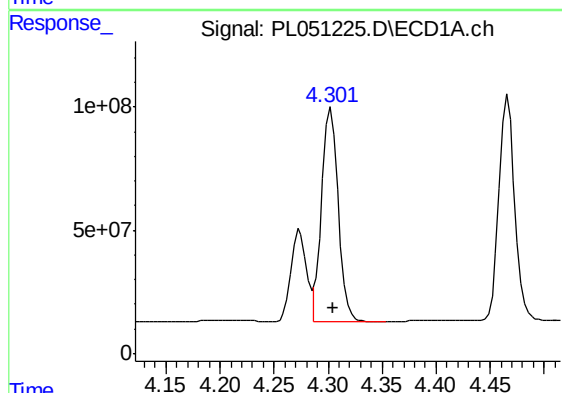
R.T.: 4.019 min  
Delta R.T.: -0.002 min  
Response: 878230288  
Conc: 57.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



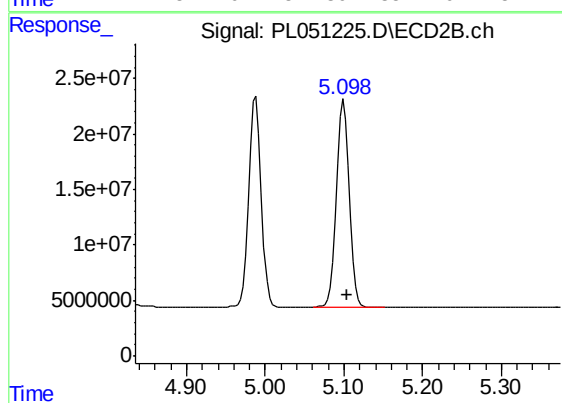
#3 gamma-BHC (Lindane)

R.T.: 4.598 min  
Delta R.T.: -0.003 min  
Response: 204691358  
Conc: 52.85 ng/ml



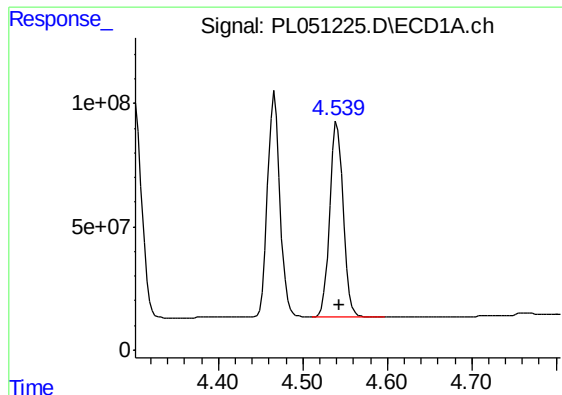
#4 Heptachlor

R.T.: 4.303 min  
Delta R.T.: -0.002 min  
Response: 939086318  
Conc: 57.23 ng/ml



#4 Heptachlor

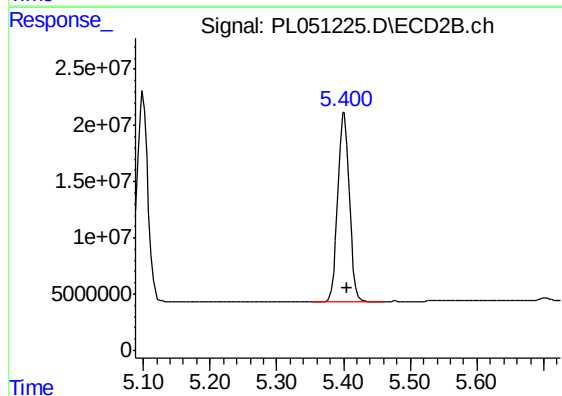
R.T.: 5.100 min  
Delta R.T.: -0.004 min  
Response: 217641097  
Conc: 52.49 ng/ml



#5 Aldrin

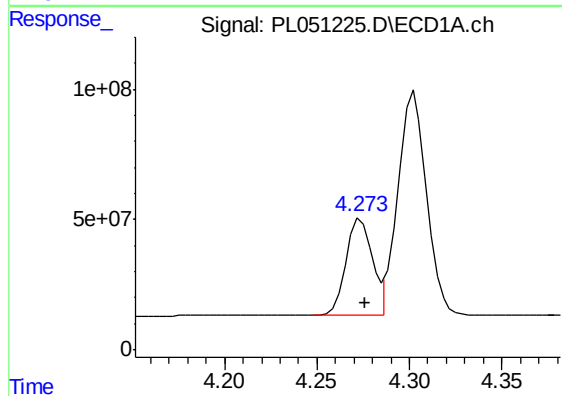
R.T.: 4.541 min  
Delta R.T.: -0.002 min  
Response: 877549590  
Conc: 56.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



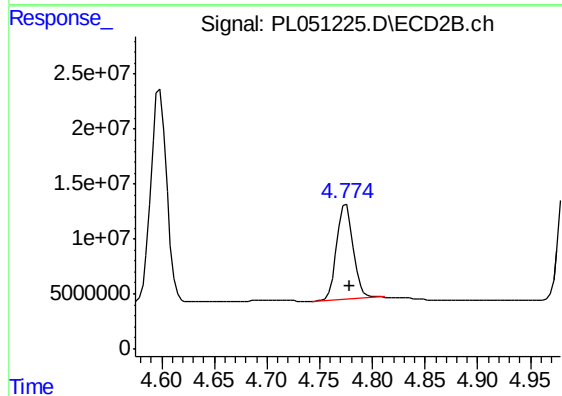
#5 Aldrin

R.T.: 5.402 min  
Delta R.T.: -0.004 min  
Response: 201124738  
Conc: 53.37 ng/ml



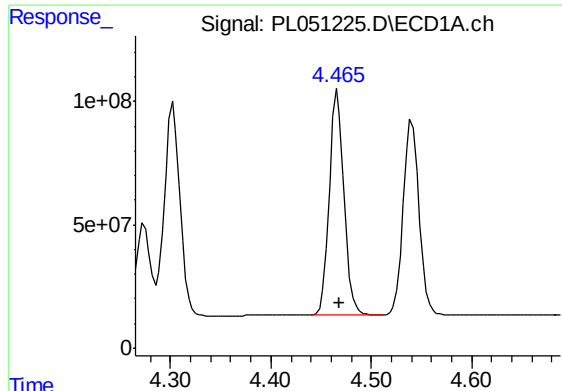
#6 beta-BHC

R.T.: 4.274 min  
Delta R.T.: -0.002 min  
Response: 368186926  
Conc: 56.16 ng/ml



#6 beta-BHC

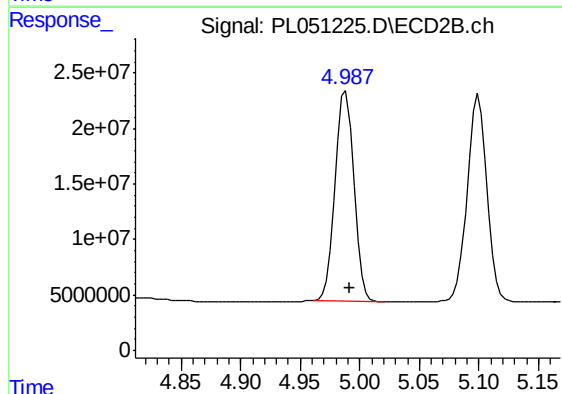
R.T.: 4.775 min  
Delta R.T.: -0.003 min  
Response: 94721155  
Conc: 54.79 ng/ml



#7 delta-BHC

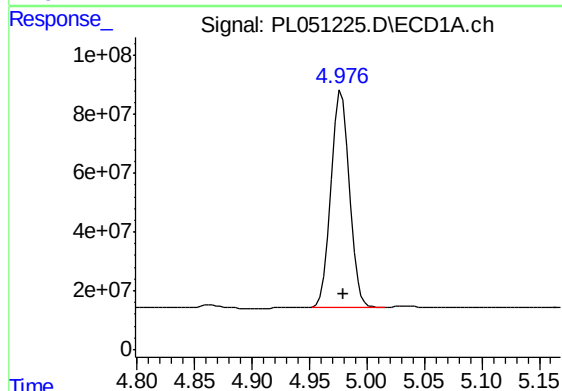
R.T.: 4.466 min  
Delta R.T.: -0.002 min  
Response: 932596736  
Conc: 56.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



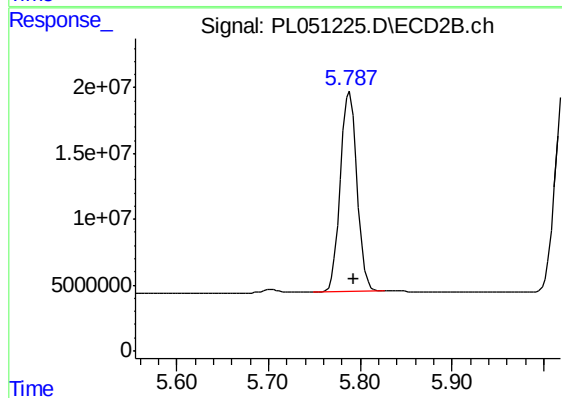
#7 delta-BHC

R.T.: 4.988 min  
Delta R.T.: -0.003 min  
Response: 205947144  
Conc: 53.25 ng/ml



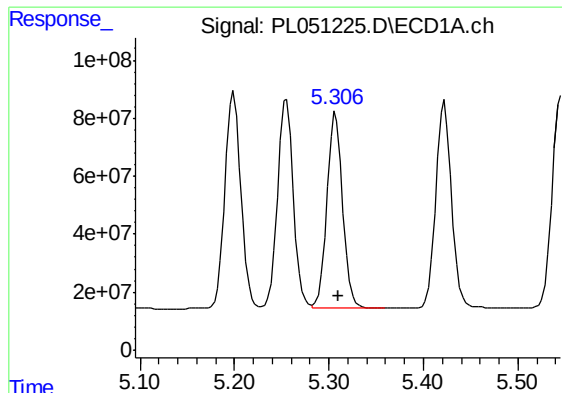
#8 Heptachlor epoxide

R.T.: 4.977 min  
Delta R.T.: -0.002 min  
Response: 827476841  
Conc: 56.01 ng/ml



#8 Heptachlor epoxide

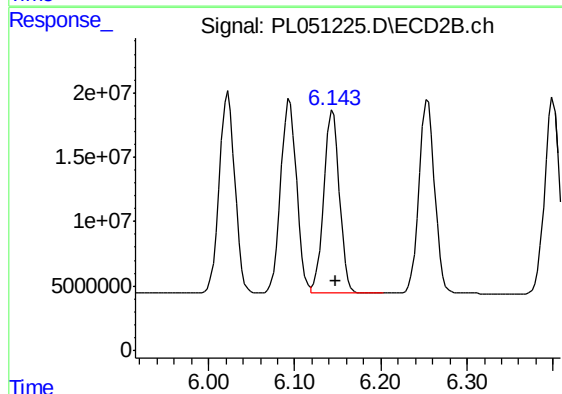
R.T.: 5.789 min  
Delta R.T.: -0.004 min  
Response: 192621341  
Conc: 50.36 ng/ml



#9 Endosulfan I

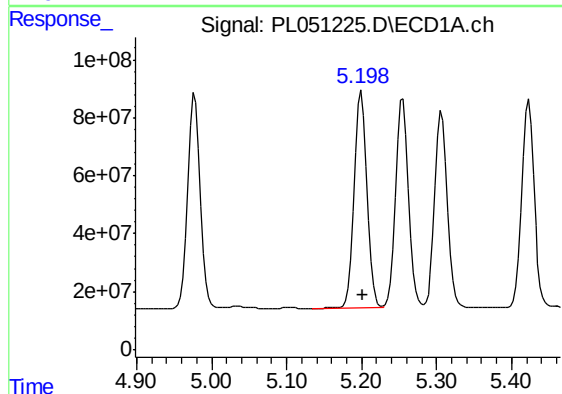
R.T.: 5.307 min  
Delta R.T.: -0.003 min  
Response: 789670643  
Conc: 54.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



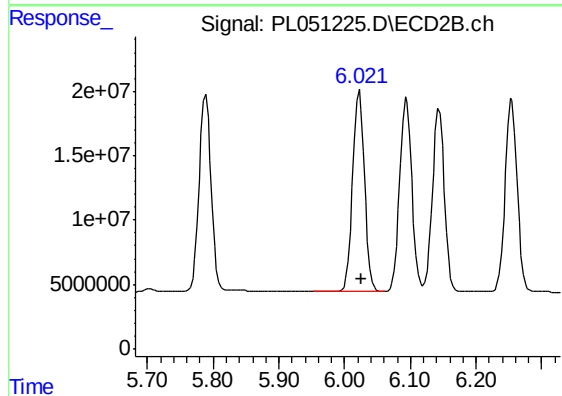
#9 Endosulfan I

R.T.: 6.144 min  
Delta R.T.: -0.004 min  
Response: 179220548  
Conc: 52.12 ng/ml



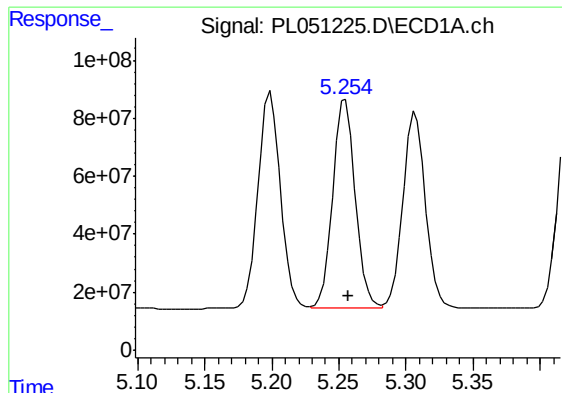
#10 gamma-Chlordane

R.T.: 5.199 min  
Delta R.T.: -0.002 min  
Response: 869988937  
Conc: 55.12 ng/ml



#10 gamma-Chlordane

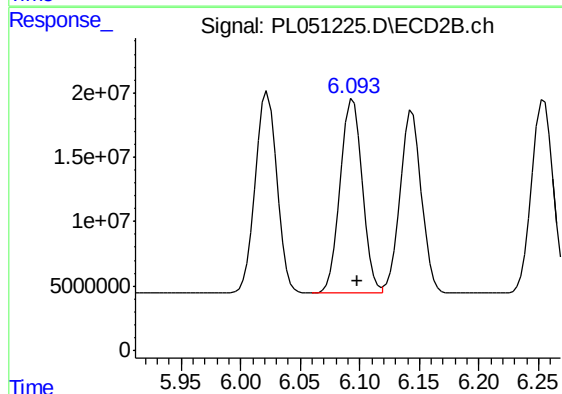
R.T.: 6.023 min  
Delta R.T.: -0.003 min  
Response: 196068785  
Conc: 53.06 ng/ml



#11 alpha-Chlordane

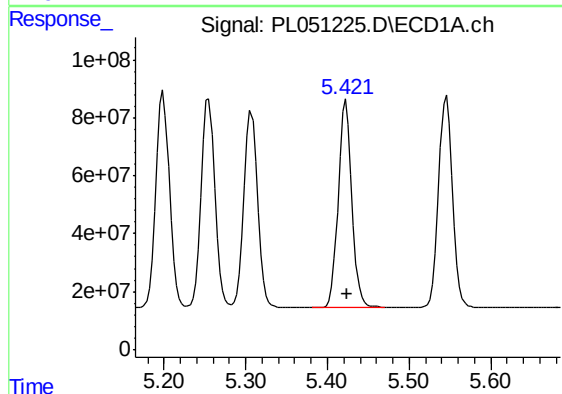
R.T.: 5.255 min  
Delta R.T.: -0.002 min  
Response: 840427932  
Conc: 55.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



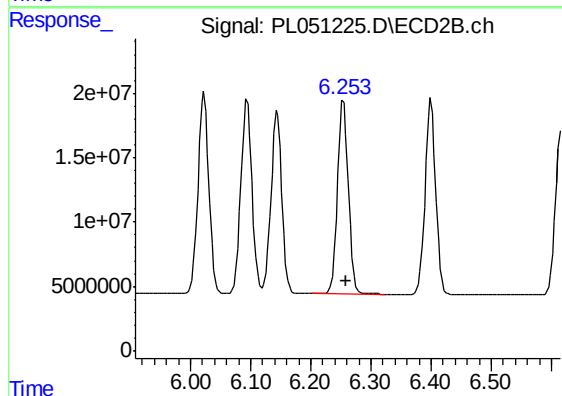
#11 alpha-Chlordane

R.T.: 6.094 min  
Delta R.T.: -0.004 min  
Response: 193395815  
Conc: 52.77 ng/ml



#12 4,4'-DDE

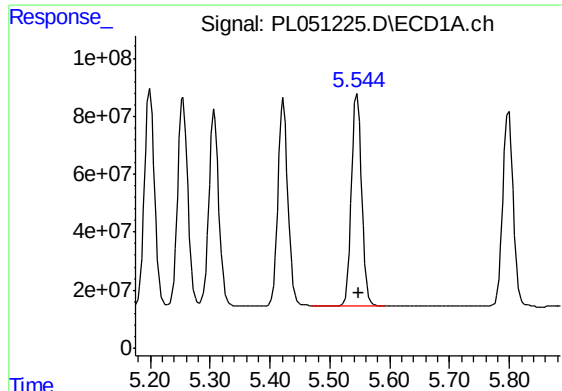
R.T.: 5.423 min  
Delta R.T.: -0.002 min  
Response: 832346400  
Conc: 55.54 ng/ml



#12 4,4'-DDE

R.T.: 6.254 min  
Delta R.T.: -0.004 min  
Response: 190059541  
Conc: 52.74 ng/ml

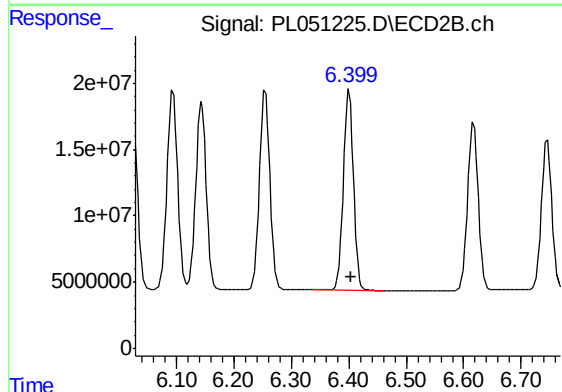




#13 Dielddrin

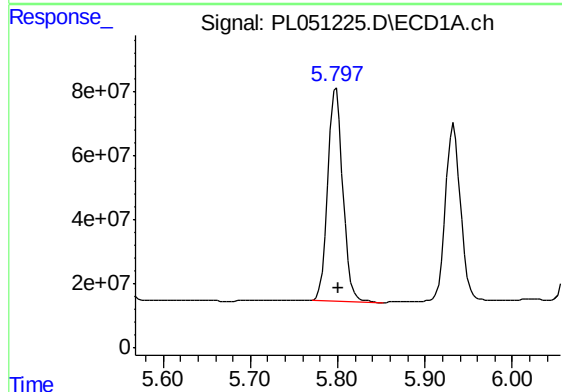
R.T.: 5.546 min  
Delta R.T.: -0.003 min  
Response: 853940715  
Conc: 55.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



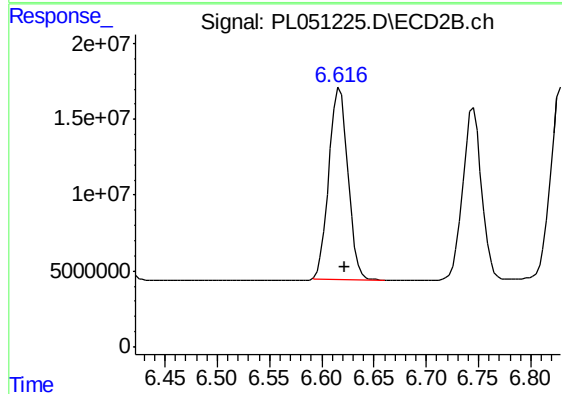
#13 Dielddrin

R.T.: 6.400 min  
Delta R.T.: -0.004 min  
Response: 184725709  
Conc: 52.17 ng/ml



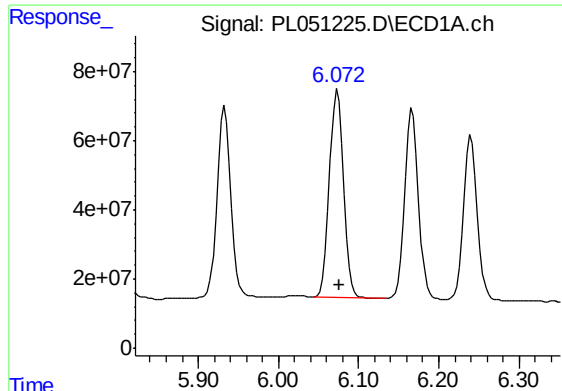
#14 Endrin

R.T.: 5.798 min  
Delta R.T.: -0.003 min  
Response: 806347268  
Conc: 54.78 ng/ml



#14 Endrin

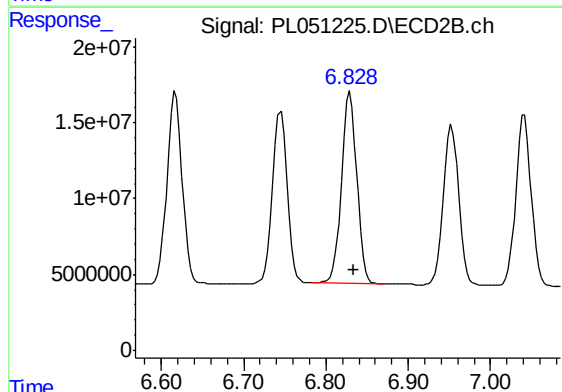
R.T.: 6.617 min  
Delta R.T.: -0.004 min  
Response: 160446469  
Conc: 51.73 ng/ml



#15 Endosulfan II

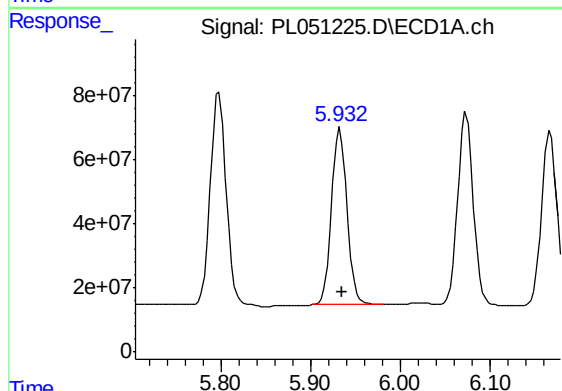
R.T.: 6.074 min  
Delta R.T.: -0.003 min  
Response: 729476252  
Conc: 52.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



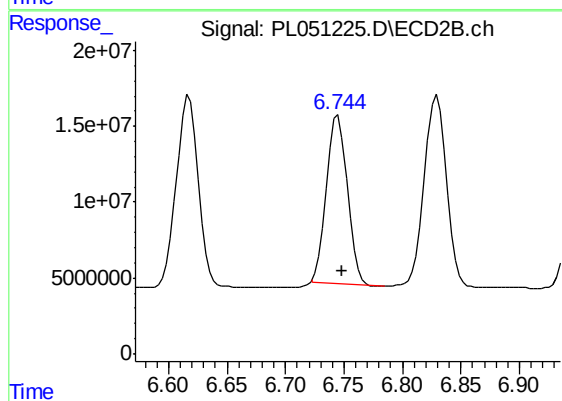
#15 Endosulfan II

R.T.: 6.829 min  
Delta R.T.: -0.004 min  
Response: 163750666  
Conc: 51.51 ng/ml



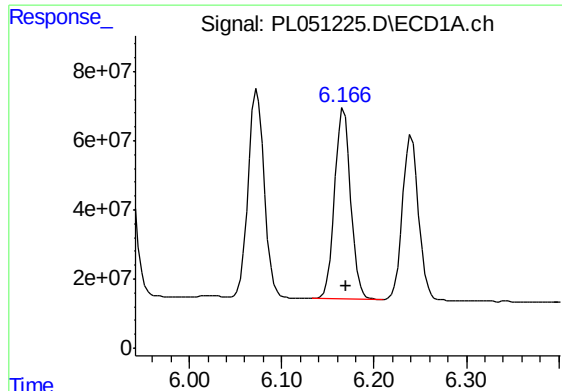
#16 4,4'-DDD

R.T.: 5.933 min  
Delta R.T.: -0.002 min  
Response: 664095028  
Conc: 55.42 ng/ml



#16 4,4'-DDD

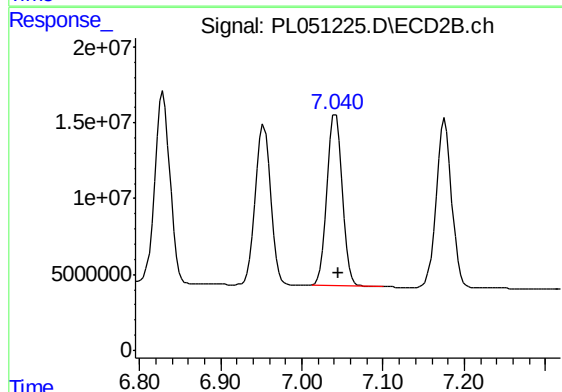
R.T.: 6.745 min  
Delta R.T.: -0.004 min  
Response: 136193218  
Conc: 51.14 ng/ml



#17 4,4'-DDT

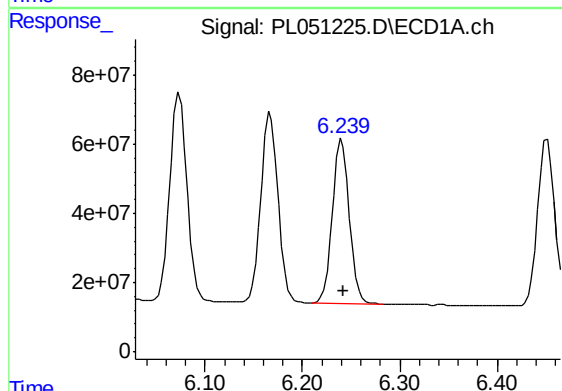
R.T.: 6.167 min  
Delta R.T.: -0.002 min  
Response: 666172048  
Conc: 53.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



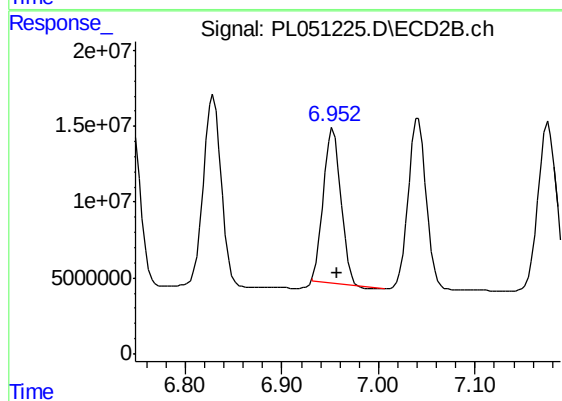
#17 4,4'-DDT

R.T.: 7.041 min  
Delta R.T.: -0.004 min  
Response: 146098906  
Conc: 54.12 ng/ml



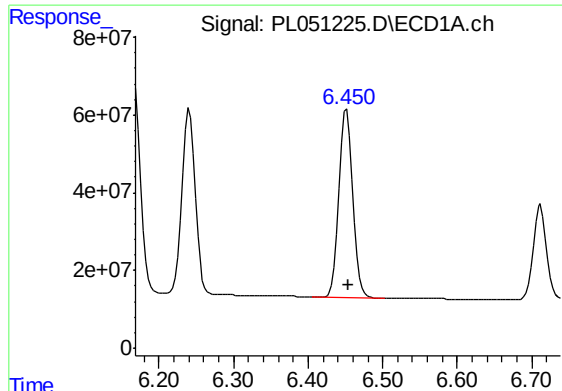
#18 Endrin aldehyde

R.T.: 6.240 min  
Delta R.T.: -0.002 min  
Response: 580801833  
Conc: 50.35 ng/ml



#18 Endrin aldehyde

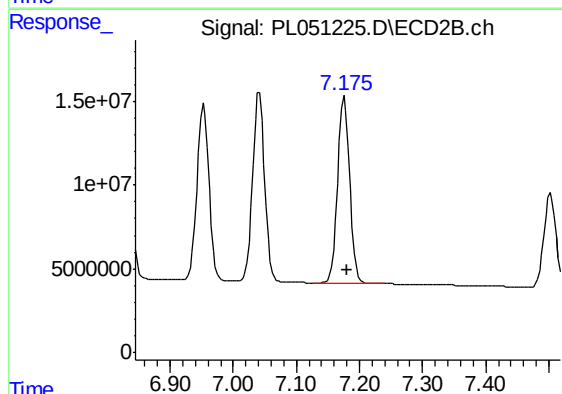
R.T.: 6.953 min  
Delta R.T.: -0.004 min  
Response: 127248854  
Conc: 46.82 ng/ml



#19 Endosulfan Sulfate

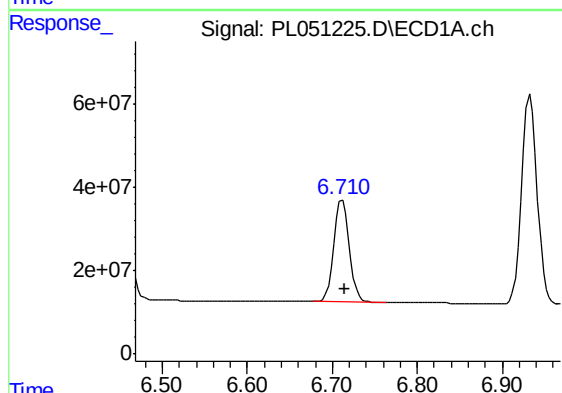
R.T.: 6.452 min  
Delta R.T.: -0.003 min  
Response: 609080448  
Conc: 47.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



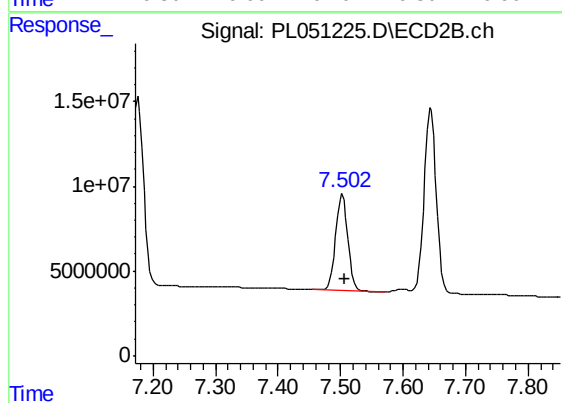
#19 Endosulfan Sulfate

R.T.: 7.176 min  
Delta R.T.: -0.004 min  
Response: 147818811  
Conc: 51.18 ng/ml



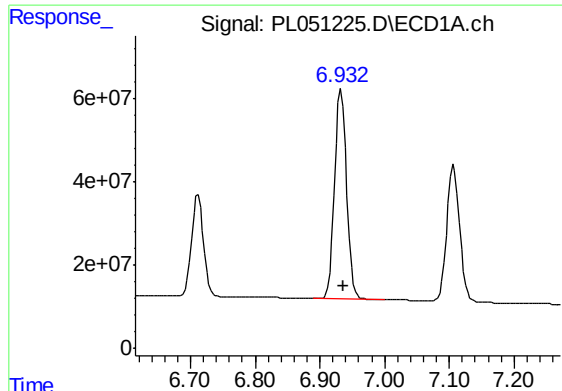
#20 Methoxychlor

R.T.: 6.712 min  
Delta R.T.: -0.002 min  
Response: 313641949  
Conc: 50.27 ng/ml



#20 Methoxychlor

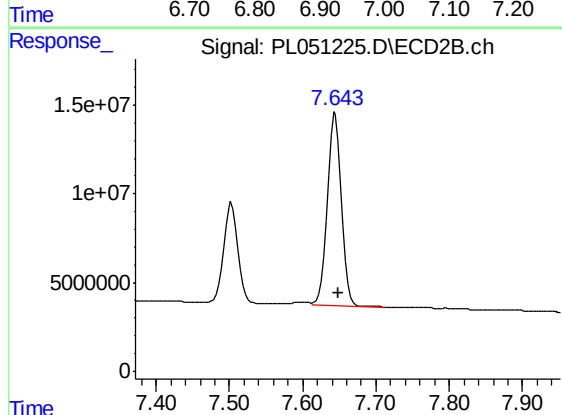
R.T.: 7.503 min  
Delta R.T.: -0.004 min  
Response: 77313354  
Conc: 52.69 ng/ml



#21 Endrin ketone

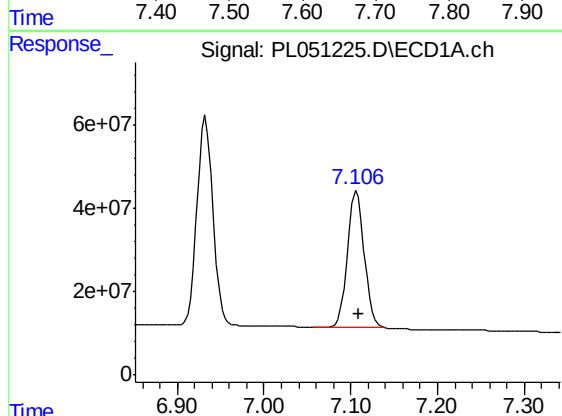
R.T.: 6.933 min  
Delta R.T.: -0.003 min  
Response: 640980871  
Conc: 46.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



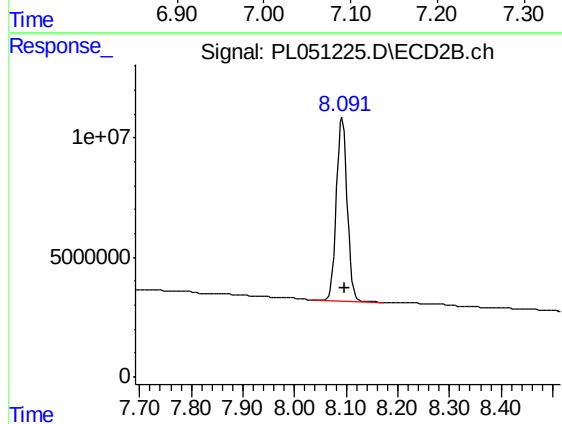
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: -0.004 min  
Response: 147695208  
Conc: 51.08 ng/ml



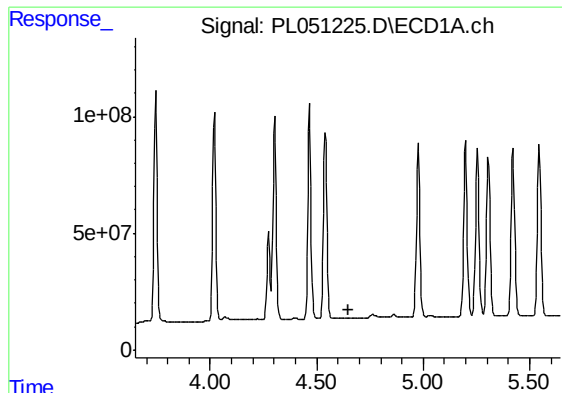
#22 Mirex

R.T.: 7.107 min  
Delta R.T.: -0.002 min  
Response: 441861375  
Conc: 45.07 ng/ml



#22 Mirex

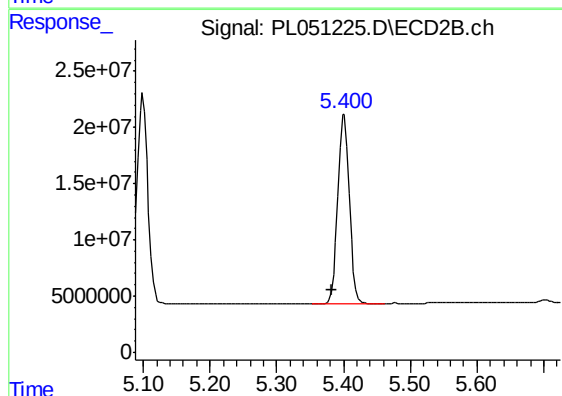
R.T.: 8.092 min  
Delta R.T.: -0.005 min  
Response: 112437657  
Conc: 48.95 ng/ml



#24 Chlordane-2

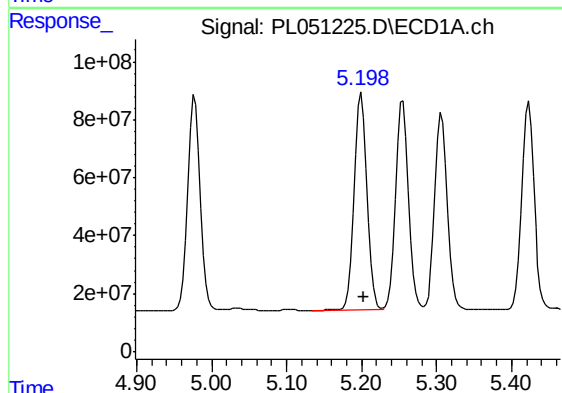
R.T.: 0.000 min  
Exp R.T.: 4.647 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



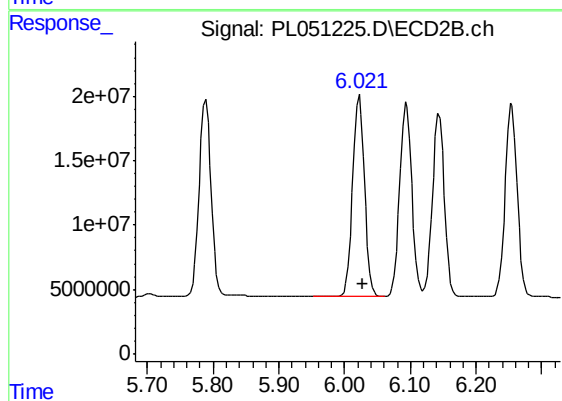
#24 Chlordane-2

R.T.: 5.402 min  
Delta R.T.: 0.018 min  
Response: 201124738  
Conc: 1712.39 ng/ml



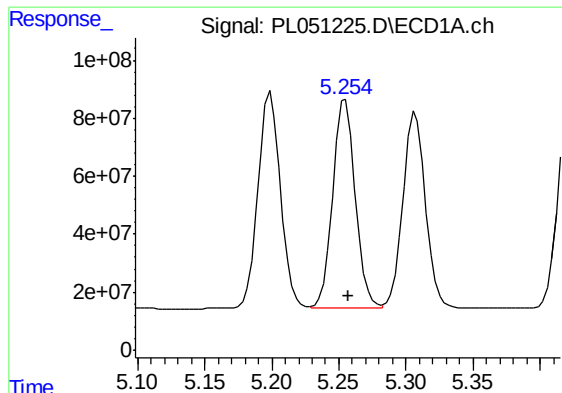
#25 Chlordane-3

R.T.: 5.199 min  
Delta R.T.: -0.003 min  
Response: 869988937  
Conc: 621.51 ng/ml



#25 Chlordane-3

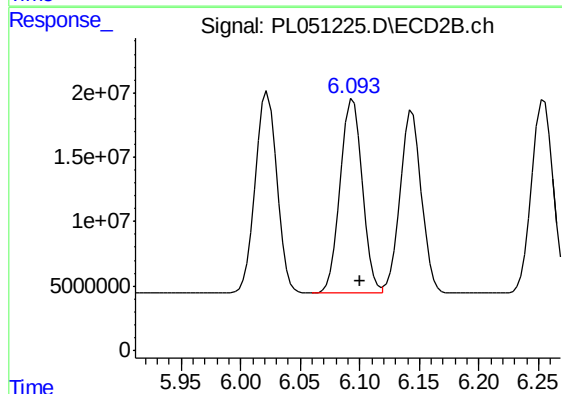
R.T.: 6.023 min  
Delta R.T.: -0.004 min  
Response: 196068785  
Conc: 407.64 ng/ml



#26 Chlordane-4

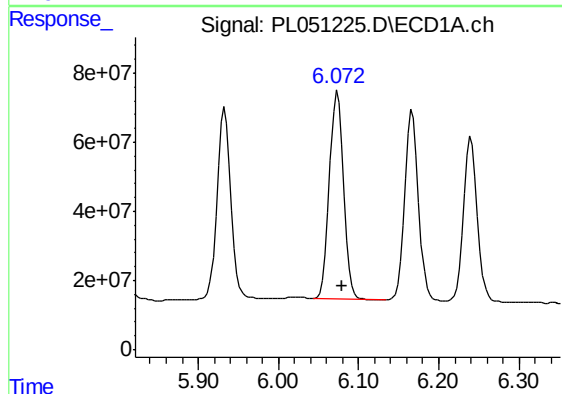
R.T.: 5.255 min  
Delta R.T.: -0.002 min  
Response: 840427932  
Conc: 637.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



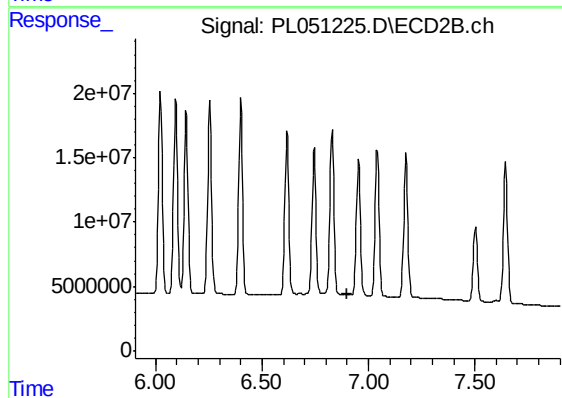
#26 Chlordane-4

R.T.: 6.094 min  
Delta R.T.: -0.006 min  
Response: 193395815  
Conc: 332.91 ng/ml



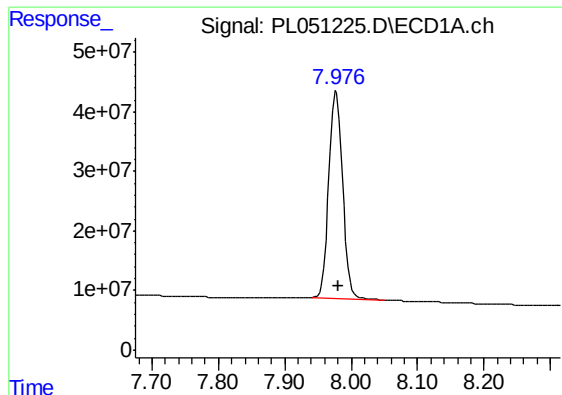
#27 Chlordane-5

R.T.: 6.074 min  
Delta R.T.: -0.006 min  
Response: 729476252  
Conc: 1436.15 ng/ml



#27 Chlordane-5

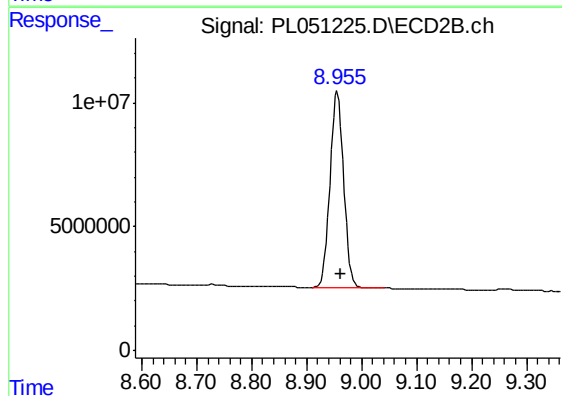
R.T.: 0.000 min  
Exp R.T. : 6.902 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.978 min  
Delta R.T.: -0.003 min  
Response: 498559764  
Conc: 49.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.956 min  
Delta R.T.: -0.006 min  
Response: 136880687  
Conc: 48.40 ng/ml