

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071819\  
 Data File : PL050593.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jul 2019 01:34  
 Operator : SM\AJ  
 Sample : K3835-44MS  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SB-6(8-10)MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 19 03:47:57 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... | 3.320 | 3.931  | 183.4E6 | 53691489 | 18.250   | 18.818     |
| 28)                         | SA Decachlor... | 7.981 | 8.961  | 177.6E6 | 53180227 | 17.541   | 18.805     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.747 | 4.319  | 976.0E6 | 247.5E6  | 58.242   | 59.978     |
| 3)                          | MA gamma-BHC... | 4.023 | 4.602  | 918.8E6 | 232.5E6  | 59.732   | 60.026     |
| 4)                          | MA Heptachlor   | 4.306 | 5.104  | 967.7E6 | 241.8E6  | 58.981   | 58.317     |
| 5)                          | MB Aldrin       | 4.545 | 5.406  | 900.4E6 | 218.8E6  | 58.122   | 58.051     |
| 6)                          | B beta-BHC      | 4.277 | 4.778  | 389.6E6 | 106.8E6  | 59.432   | 61.796     |
| 7)                          | B delta-BHC     | 4.470 | 4.992  | 893.8E6 | 195.7E6  | 54.473   | 50.598     |
| 8)                          | B Heptachlo...  | 4.981 | 5.793  | 820.0E6 | 205.6E6  | 55.501   | 53.744     |
| 9)                          | A Endosulfan I  | 5.311 | 6.148  | 779.0E6 | 188.9E6  | 53.561   | 54.942     |
| 10)                         | B gamma-Chl...  | 5.203 | 6.026  | 863.6E6 | 200.7E6  | 54.717   | 54.319     |
| 11)                         | B alpha-Chl...  | 5.259 | 6.098  | 826.3E6 | 202.7E6  | 54.163   | 55.293     |
| 12)                         | B 4,4'-DDE      | 5.426 | 6.258  | 800.9E6 | 199.0E6  | 53.441   | 55.225     |
| 13)                         | MA Dieldrin     | 5.550 | 6.404  | 817.0E6 | 198.2E6  | 52.723   | 55.964     |
| 14)                         | MA Endrin       | 5.803 | 6.621  | 772.7E6 | 172.6E6  | 52.493   | 55.636     |
| 15)                         | B Endosulfa...  | 6.077 | 6.833  | 696.1E6 | 173.9E6  | 49.738   | 54.685     |
| 16)                         | A 4,4'-DDD      | 5.937 | 6.749  | 618.8E6 | 151.0E6  | 51.635   | 56.689     |
| 17)                         | MA 4,4'-DDT     | 6.171 | 7.045  | 616.9E6 | 146.2E6  | 49.807   | 54.149     |
| 18)                         | B Endrin al...  | 6.244 | 6.957  | 555.6E6 | 138.6E6  | 48.163   | 51.012     |
| 19)                         | B Endosulfa...  | 6.456 | 7.180  | 623.0E6 | 148.8E6  | 48.900   | 51.529     |
| 20)                         | A Methoxychlor  | 6.716 | 7.506  | 293.8E6 | 79505099 | 47.093   | 54.186     |
| 21)                         | B Endrin ke...  | 6.937 | 7.648  | 666.1E6 | 165.7E6  | 48.703   | 57.311     |
| 22)                         | Mirex           | 7.110 | 8.097  | 432.6E6 | 117.9E6  | 44.124   | 51.325     |
| 24)                         | Chlordane-2     | 0.000 | 5.406f | 0       | 218.8E6  | N.D.     | 1862.513 # |
| 25)                         | Chlordane-3     | 5.203 | 6.026  | 863.6E6 | 200.7E6  | 616.959  | 417.321 #  |
| 26)                         | Chlordane-4     | 5.259 | 6.098  | 826.3E6 | 202.7E6  | 626.477  | 348.859 #  |
| 27)                         | Chlordane-5     | 6.077 | 0.000  | 696.1E6 | 0        | 1370.405 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

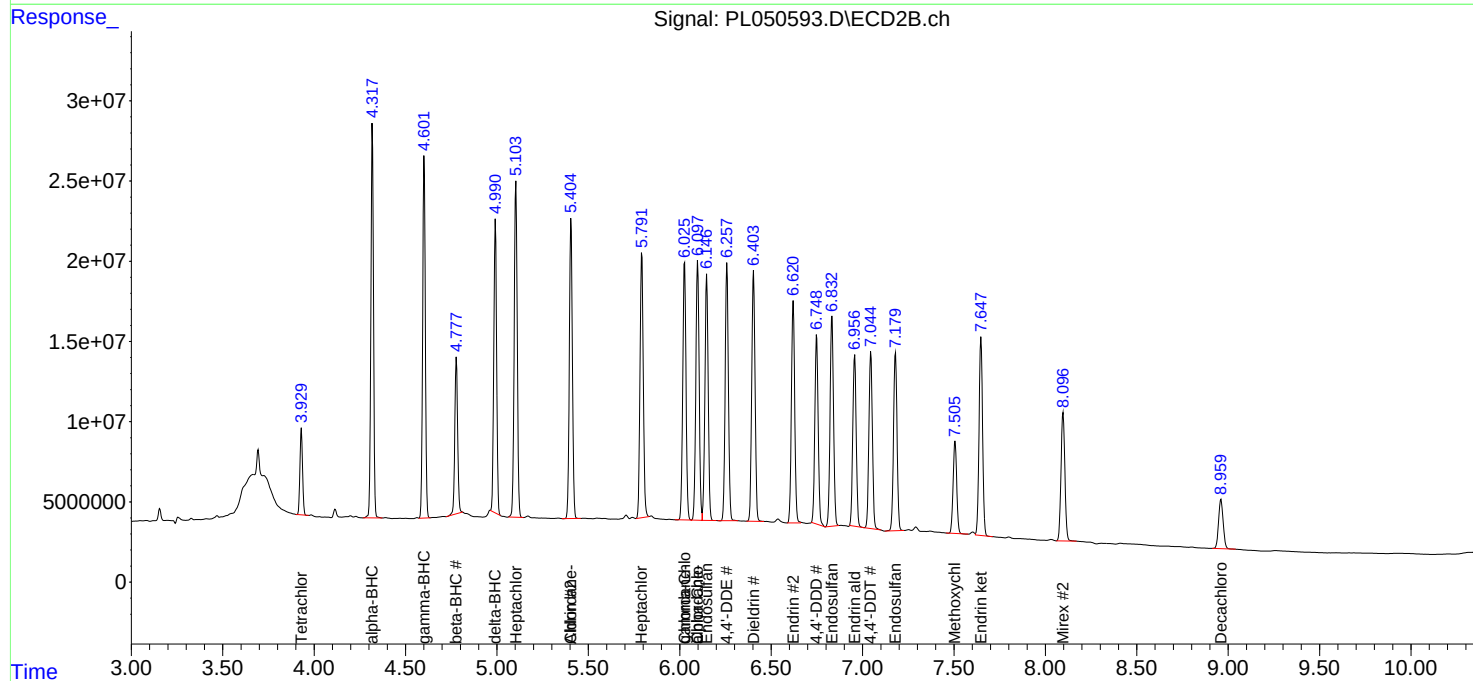
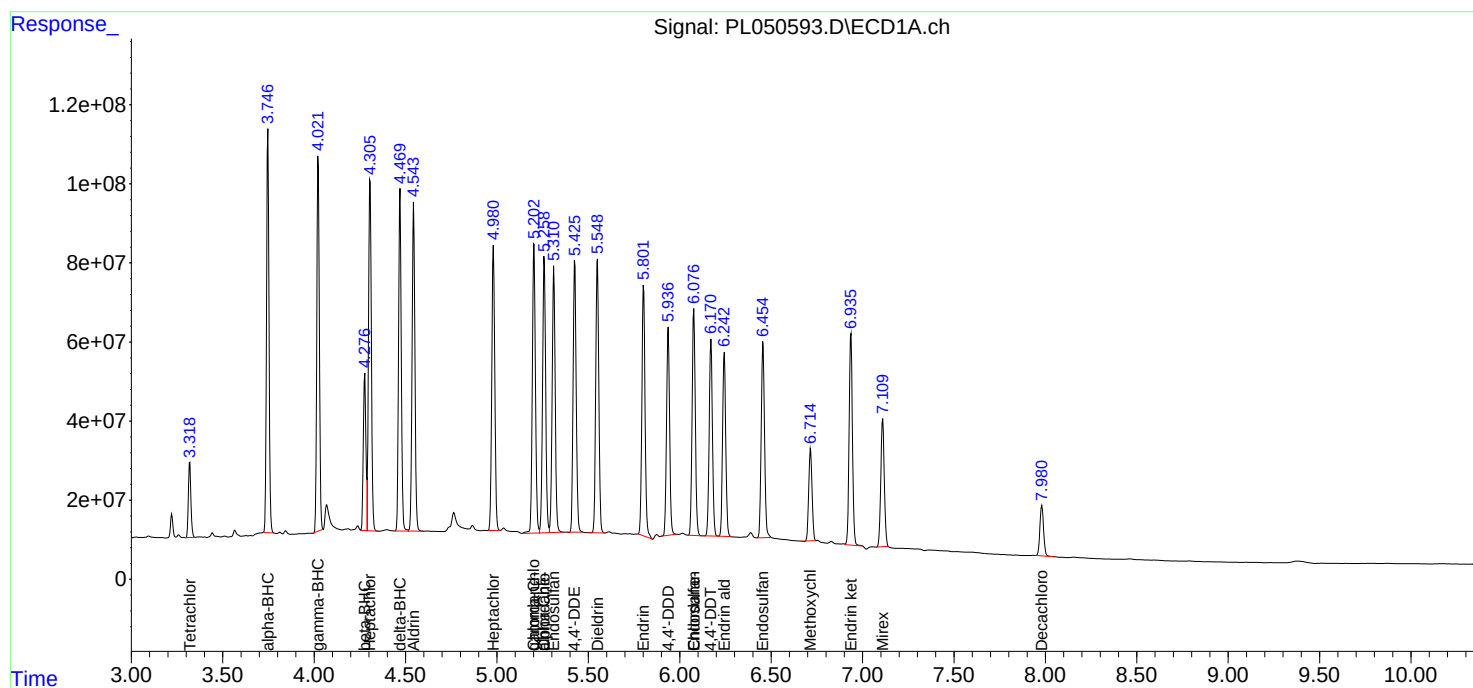
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

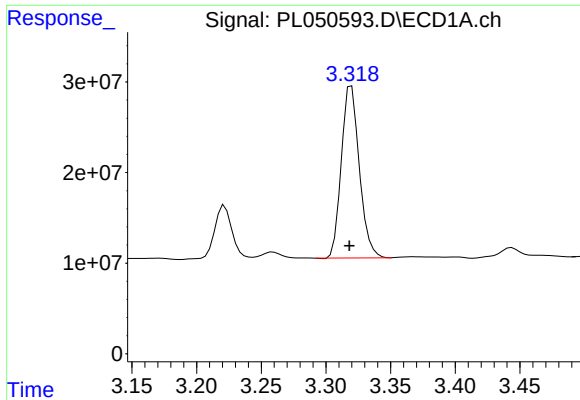
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071819\  
Data File : PL050593.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jul 2019 01:34  
Operator : SM\AJ  
Sample : K3835-44MS  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SB-6(8-10)MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 19 03:47:57 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

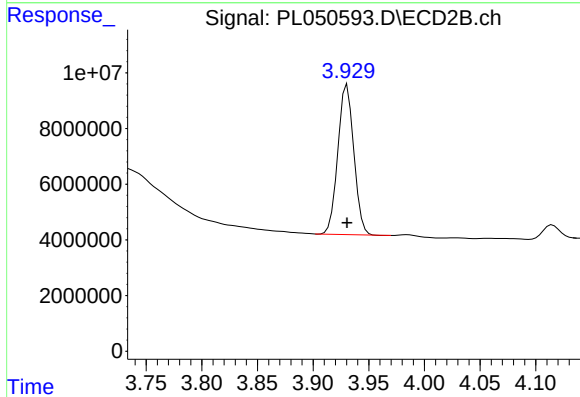




#1 Tetrachloro-m-xylene

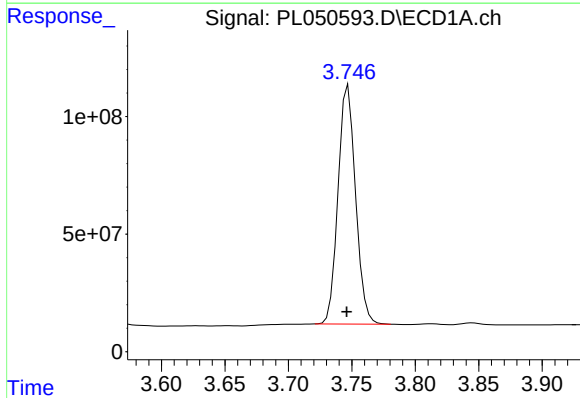
R.T.: 3.320 min  
Delta R.T.: 0.002 min  
Response: 183374716  
Conc: 18.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-6(8-10)MS



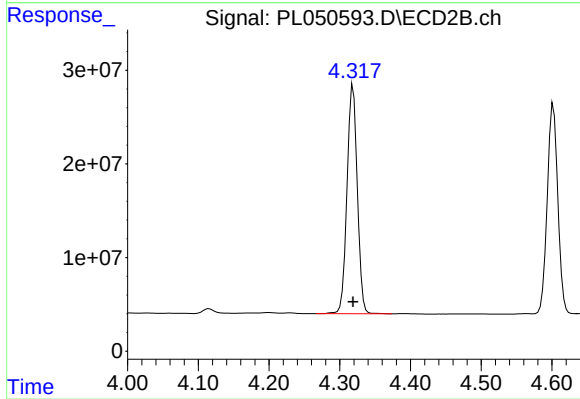
#1 Tetrachloro-m-xylene

R.T.: 3.931 min  
Delta R.T.: 0.000 min  
Response: 53691489  
Conc: 18.82 ng/ml



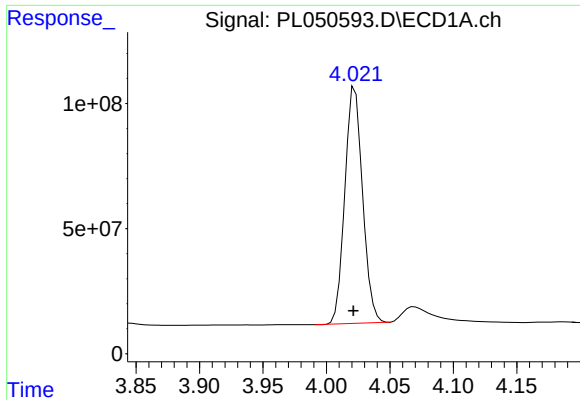
#2 alpha-BHC

R.T.: 3.747 min  
Delta R.T.: 0.001 min  
Response: 975999355  
Conc: 58.24 ng/ml



#2 alpha-BHC

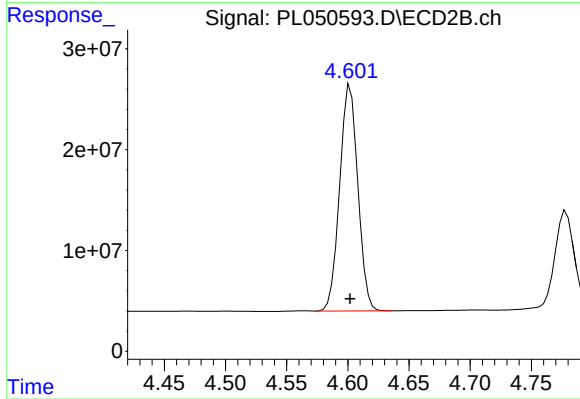
R.T.: 4.319 min  
Delta R.T.: 0.000 min  
Response: 247466637  
Conc: 59.98 ng/ml



#3 gamma-BHC (Lindane)

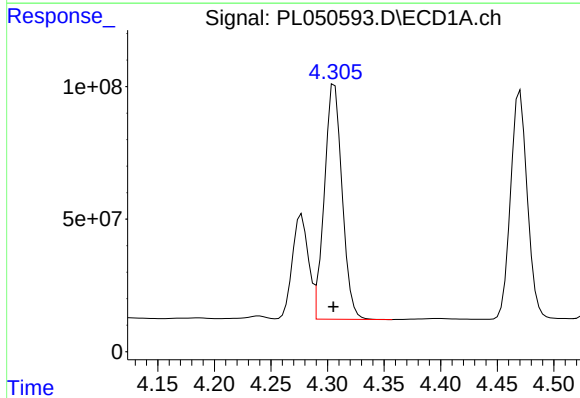
R.T.: 4.023 min  
Delta R.T.: 0.001 min  
Response: 918779919  
Conc: 59.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-6(8-10)MS



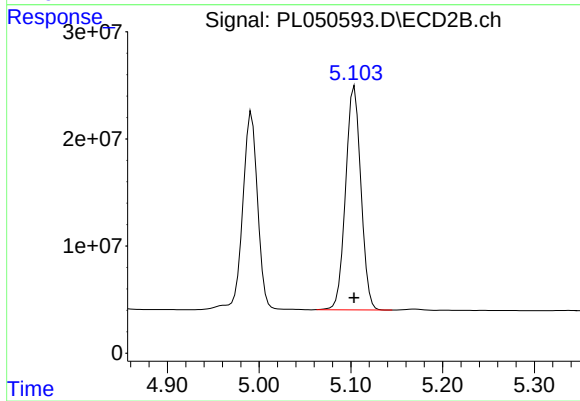
#3 gamma-BHC (Lindane)

R.T.: 4.602 min  
Delta R.T.: 0.000 min  
Response: 232492309  
Conc: 60.03 ng/ml



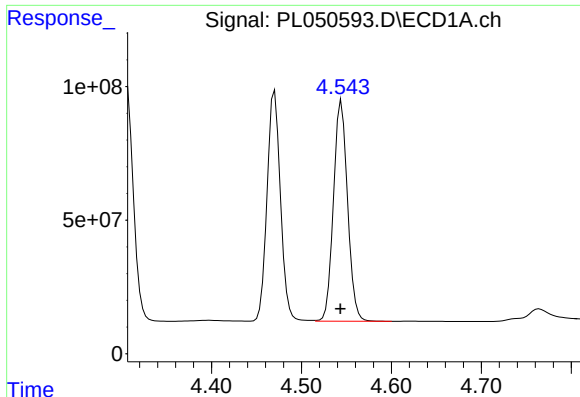
#4 Heptachlor

R.T.: 4.306 min  
Delta R.T.: 0.001 min  
Response: 967746916  
Conc: 58.98 ng/ml



#4 Heptachlor

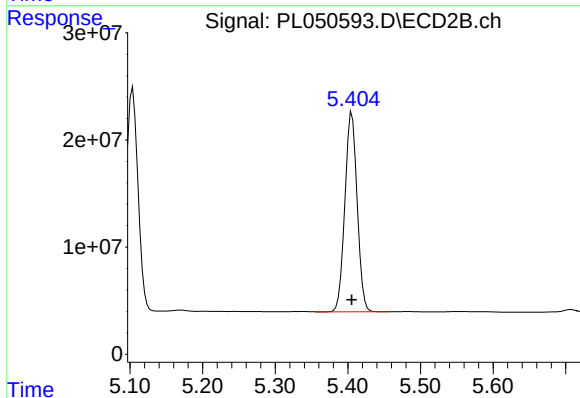
R.T.: 5.104 min  
Delta R.T.: 0.000 min  
Response: 241820423  
Conc: 58.32 ng/ml



#5 Aldrin

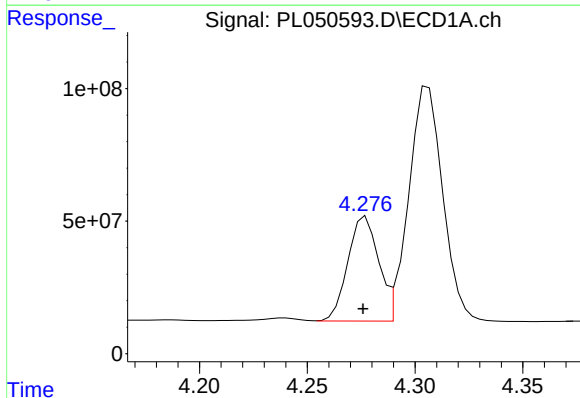
R.T.: 4.545 min  
Delta R.T.: 0.001 min  
Response: 900398279  
Conc: 58.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-6(8-10)MS



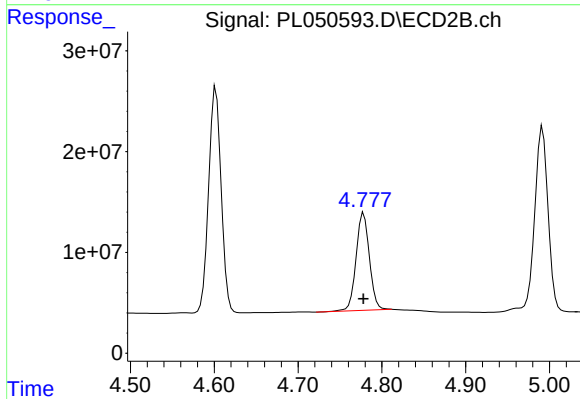
#5 Aldrin

R.T.: 5.406 min  
Delta R.T.: 0.000 min  
Response: 218756782  
Conc: 58.05 ng/ml



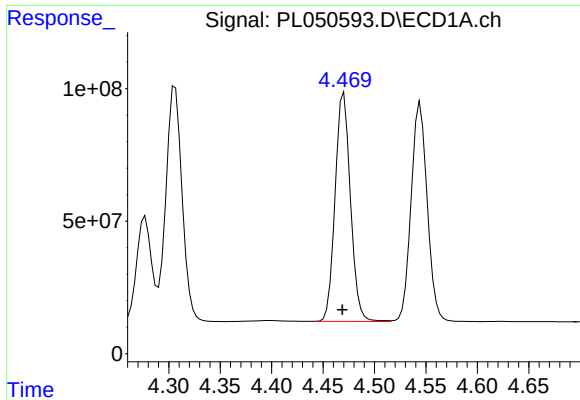
#6 beta-BHC

R.T.: 4.277 min  
Delta R.T.: 0.001 min  
Response: 389627531  
Conc: 59.43 ng/ml



#6 beta-BHC

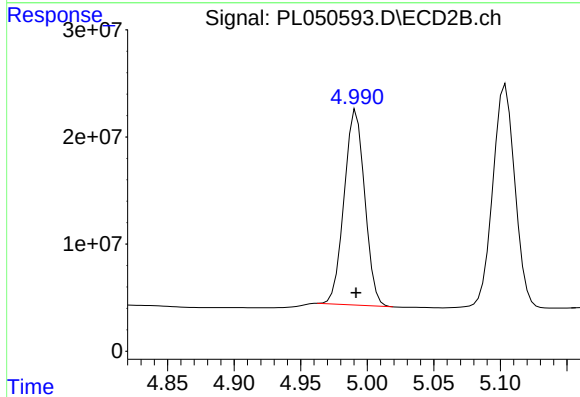
R.T.: 4.778 min  
Delta R.T.: 0.000 min  
Response: 106837124  
Conc: 61.80 ng/ml



#7 delta-BHC

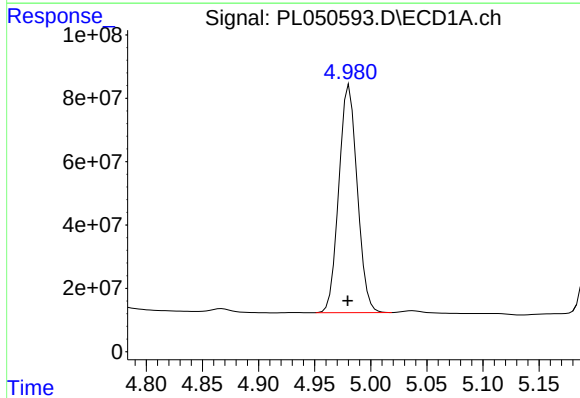
R.T.: 4.470 min  
Delta R.T.: 0.001 min  
Response: 893835080  
Conc: 54.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-6(8-10)MS



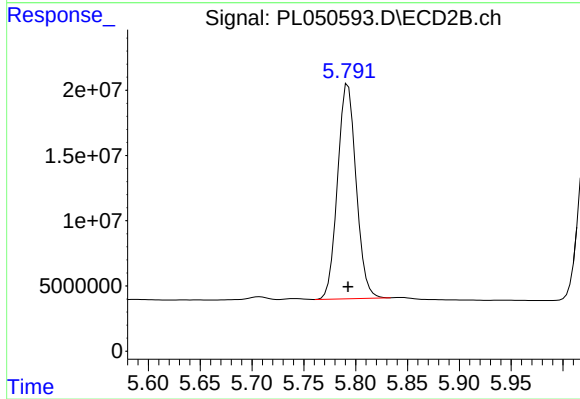
#7 delta-BHC

R.T.: 4.992 min  
Delta R.T.: 0.000 min  
Response: 195693432  
Conc: 50.60 ng/ml



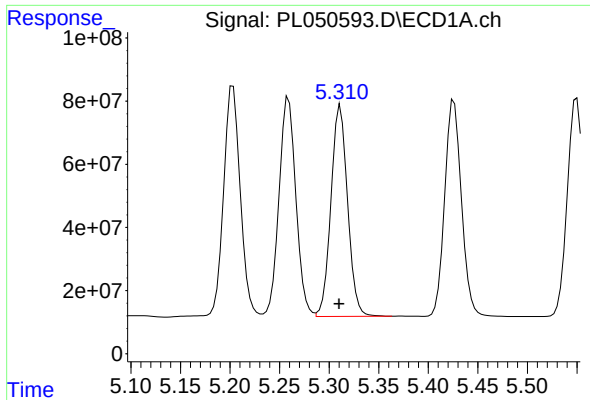
#8 Heptachlor epoxide

R.T.: 4.981 min  
Delta R.T.: 0.002 min  
Response: 819959565  
Conc: 55.50 ng/ml



#8 Heptachlor epoxide

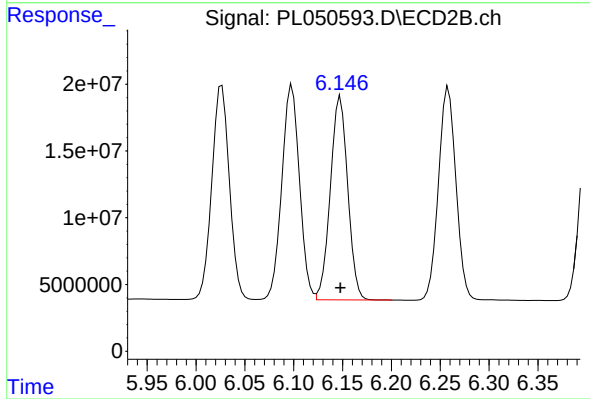
R.T.: 5.793 min  
Delta R.T.: 0.000 min  
Response: 205561035  
Conc: 53.74 ng/ml



#9 Endosulfan I

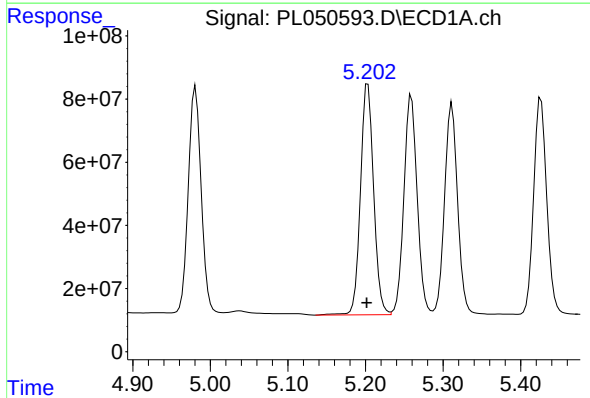
R.T.: 5.311 min  
Delta R.T.: 0.001 min  
Response: 778977372  
Conc: 53.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-6(8-10)MS



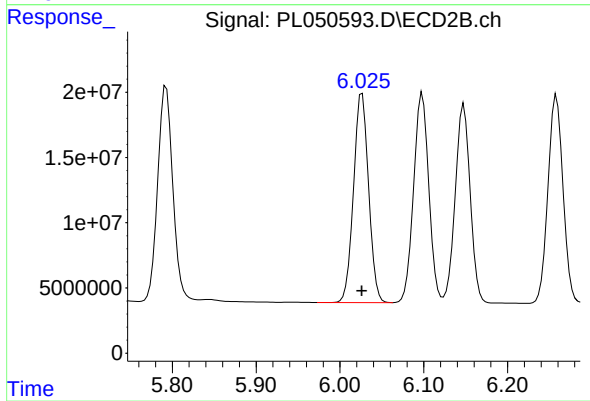
#9 Endosulfan I

R.T.: 6.148 min  
Delta R.T.: 0.000 min  
Response: 188938724  
Conc: 54.94 ng/ml



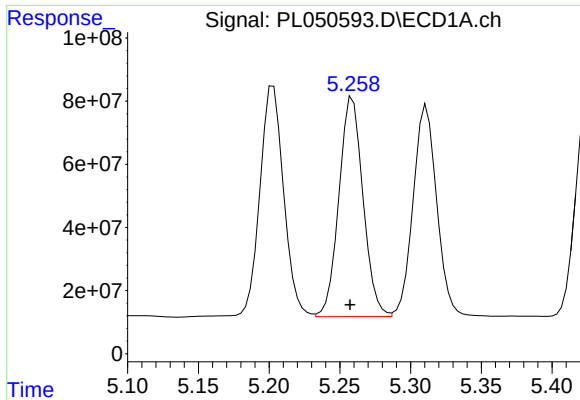
#10 gamma-Chlordane

R.T.: 5.203 min  
Delta R.T.: 0.001 min  
Response: 863611654  
Conc: 54.72 ng/ml



#10 gamma-Chlordane

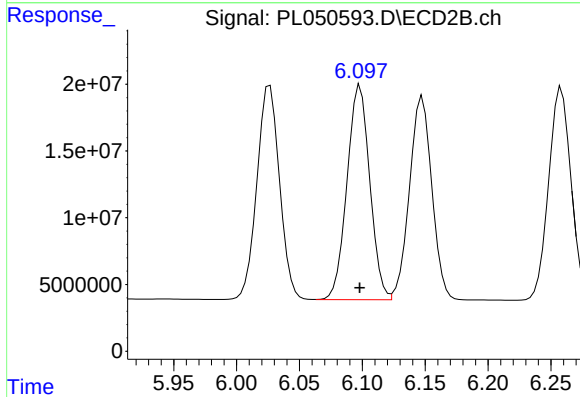
R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 200723265  
Conc: 54.32 ng/ml



#11 alpha-Chlordane

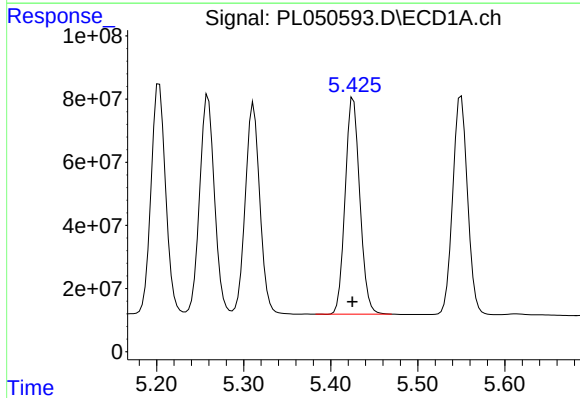
R.T.: 5.259 min  
Delta R.T.: 0.002 min  
Response: 826309742  
Conc: 54.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-6(8-10)MS



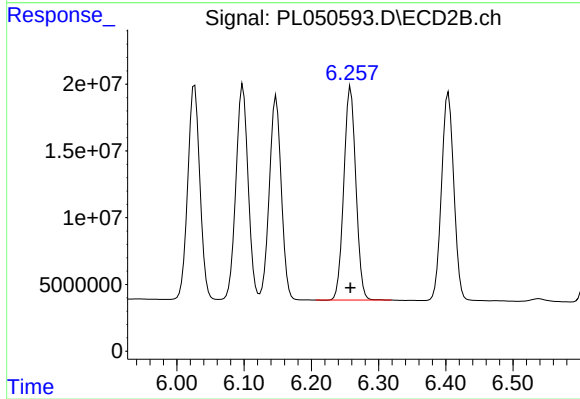
#11 alpha-Chlordane

R.T.: 6.098 min  
Delta R.T.: 0.000 min  
Response: 202658616  
Conc: 55.29 ng/ml



#12 4,4'-DDE

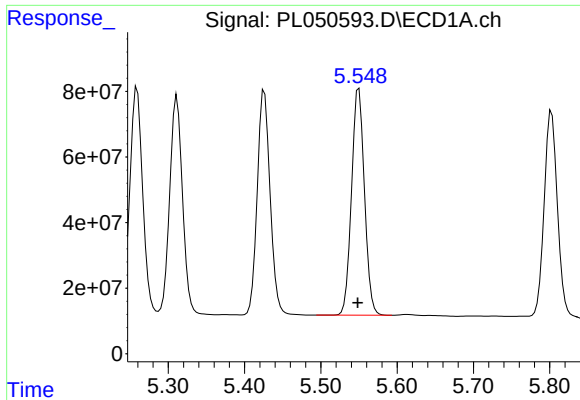
R.T.: 5.426 min  
Delta R.T.: 0.001 min  
Response: 800858820  
Conc: 53.44 ng/ml



#12 4,4'-DDE

R.T.: 6.258 min  
Delta R.T.: 0.000 min  
Response: 198996660  
Conc: 55.22 ng/ml

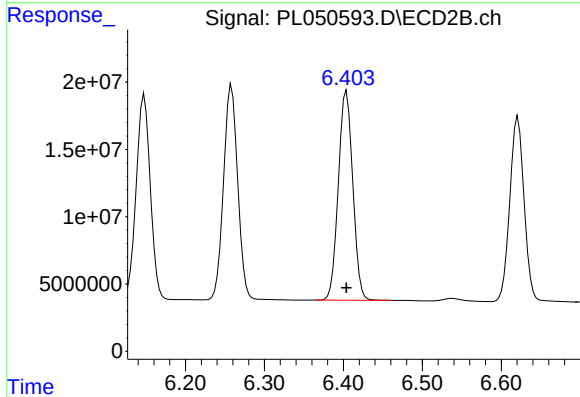




#13 Dieldrin

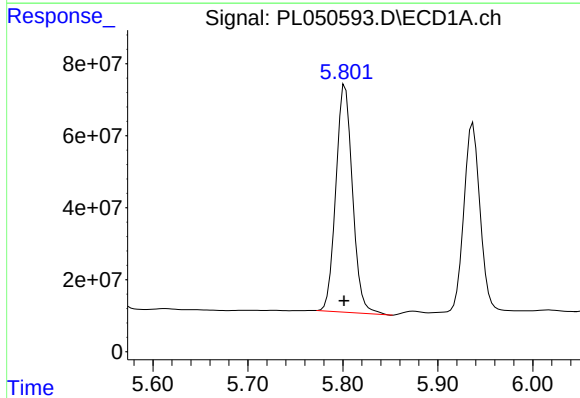
R.T.: 5.550 min  
Delta R.T.: 0.001 min  
Response: 817033225  
Conc: 52.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-6(8-10)MS



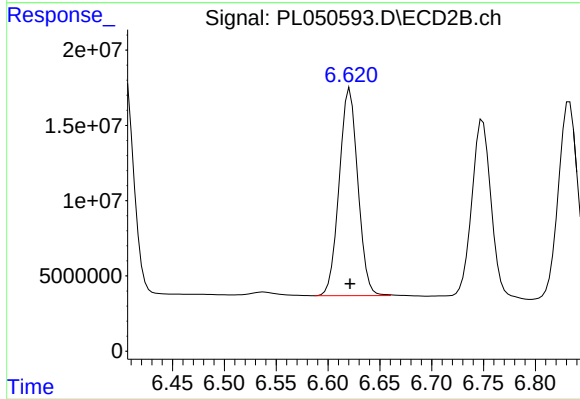
#13 Dieldrin

R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 198177000  
Conc: 55.96 ng/ml



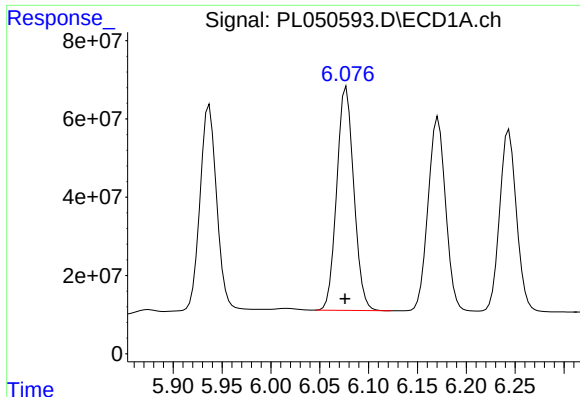
#14 Endrin

R.T.: 5.803 min  
Delta R.T.: 0.001 min  
Response: 772720134  
Conc: 52.49 ng/ml



#14 Endrin

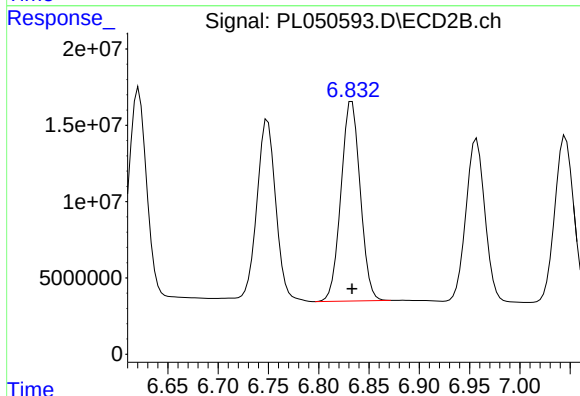
R.T.: 6.621 min  
Delta R.T.: 0.000 min  
Response: 172550476  
Conc: 55.64 ng/ml



#15 Endosulfan II

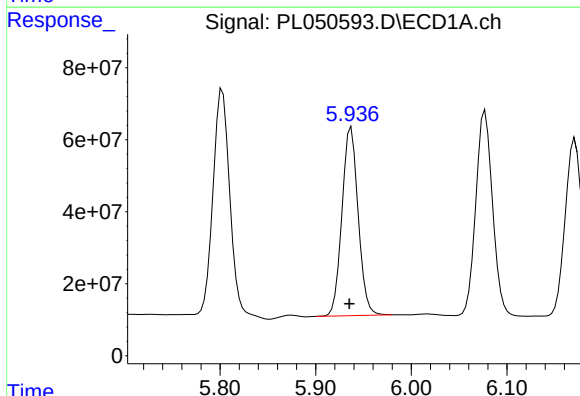
R.T.: 6.077 min  
Delta R.T.: 0.001 min  
Response: 696079549  
Conc: 49.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-6(8-10)MS



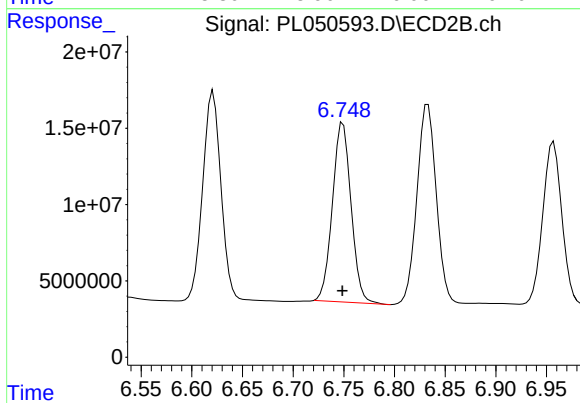
#15 Endosulfan II

R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 173852007  
Conc: 54.68 ng/ml



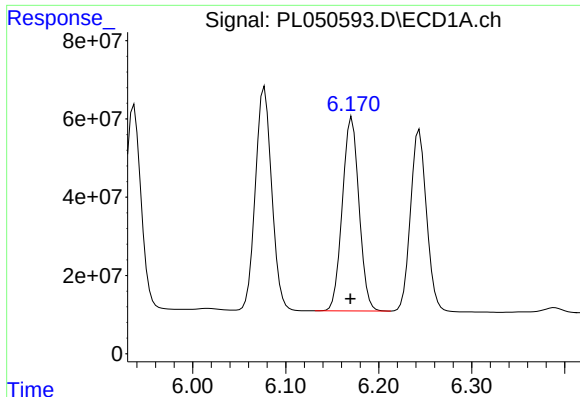
#16 4,4'-DDD

R.T.: 5.937 min  
Delta R.T.: 0.002 min  
Response: 618781825  
Conc: 51.63 ng/ml



#16 4,4'-DDD

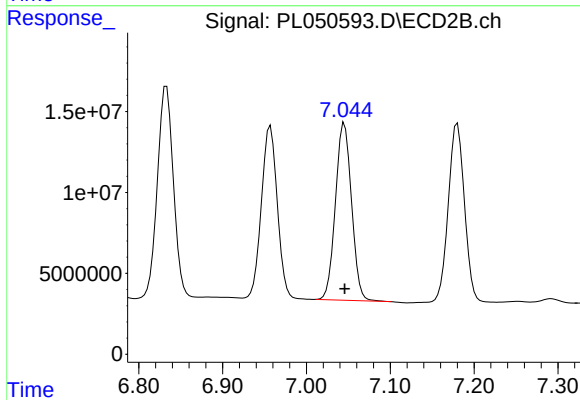
R.T.: 6.749 min  
Delta R.T.: 0.000 min  
Response: 150957298  
Conc: 56.69 ng/ml



#17 4,4'-DDT

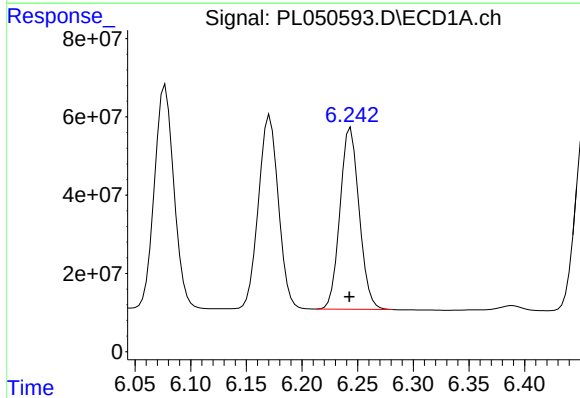
R.T.: 6.171 min  
Delta R.T.: 0.002 min  
Response: 61690059  
Conc: 49.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-6(8-10)MS



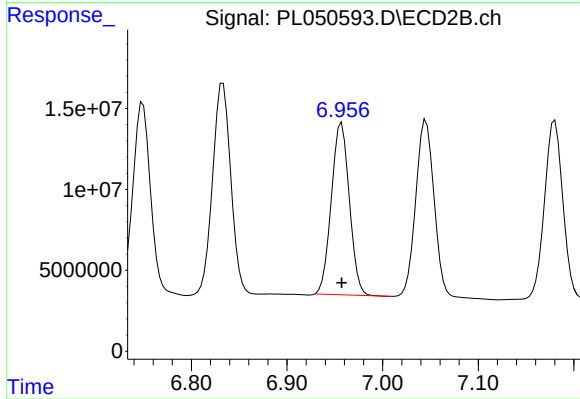
#17 4,4'-DDT

R.T.: 7.045 min  
Delta R.T.: 0.000 min  
Response: 146181269  
Conc: 54.15 ng/ml



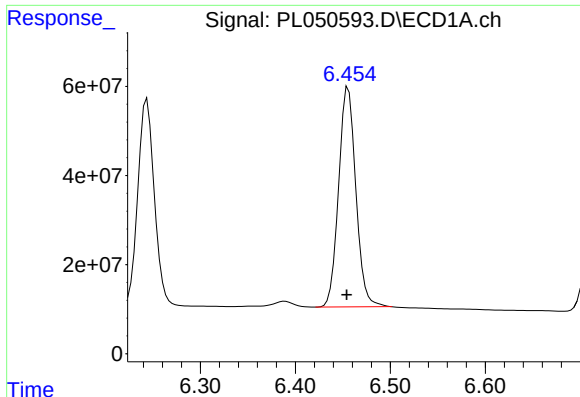
#18 Endrin aldehyde

R.T.: 6.244 min  
Delta R.T.: 0.001 min  
Response: 555629615  
Conc: 48.16 ng/ml



#18 Endrin aldehyde

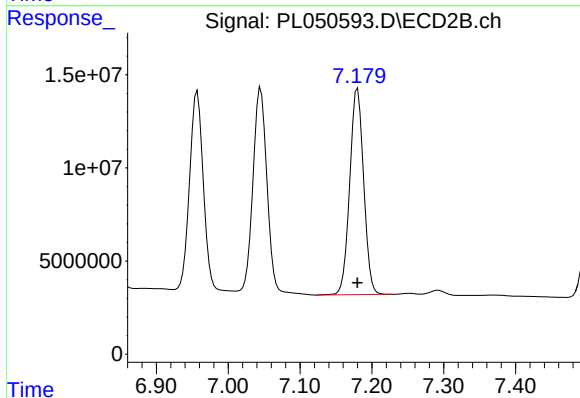
R.T.: 6.957 min  
Delta R.T.: 0.000 min  
Response: 138629430  
Conc: 51.01 ng/ml



#19 Endosulfan Sulfate

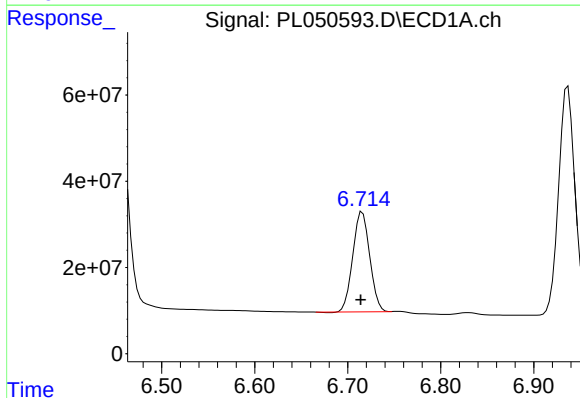
R.T.: 6.456 min  
Delta R.T.: 0.001 min  
Response: 622968214  
Conc: 48.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-6(8-10)MS



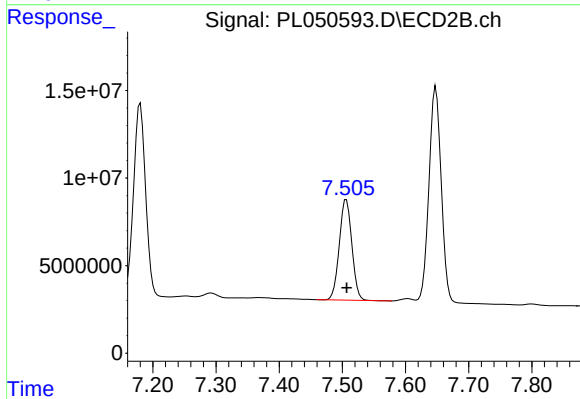
#19 Endosulfan Sulfate

R.T.: 7.180 min  
Delta R.T.: 0.000 min  
Response: 148829231  
Conc: 51.53 ng/ml



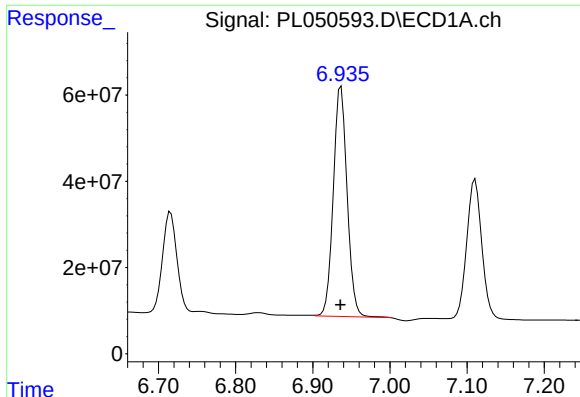
#20 Methoxychlor

R.T.: 6.716 min  
Delta R.T.: 0.002 min  
Response: 293807657  
Conc: 47.09 ng/ml



#20 Methoxychlor

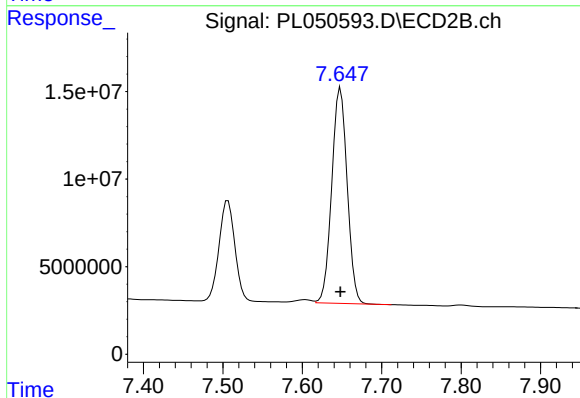
R.T.: 7.506 min  
Delta R.T.: 0.000 min  
Response: 79505099  
Conc: 54.19 ng/ml



#21 Endrin ketone

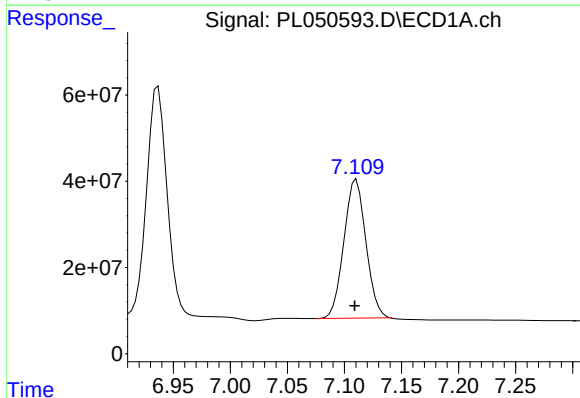
R.T.: 6.937 min  
Delta R.T.: 0.001 min  
Response: 666131866  
Conc: 48.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-6(8-10)MS



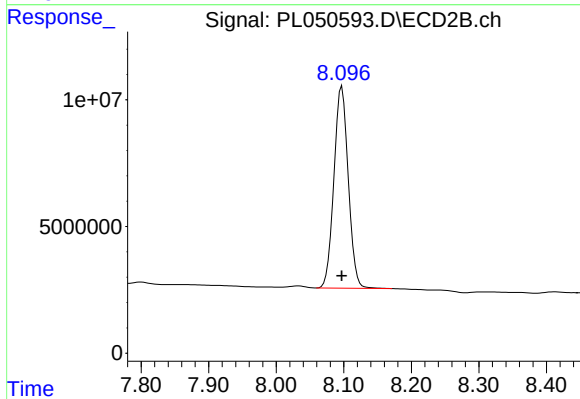
#21 Endrin ketone

R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 165703463  
Conc: 57.31 ng/ml



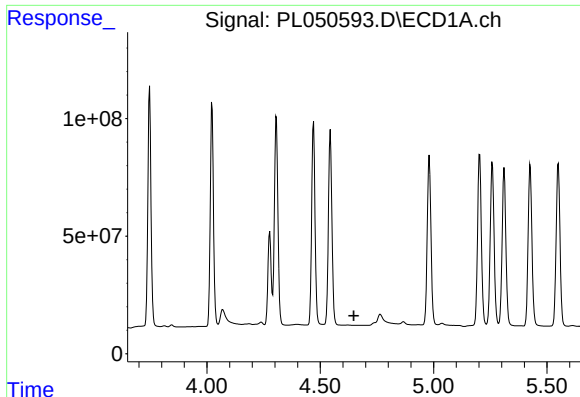
#22 Mirex

R.T.: 7.110 min  
Delta R.T.: 0.002 min  
Response: 432607114  
Conc: 44.12 ng/ml



#22 Mirex

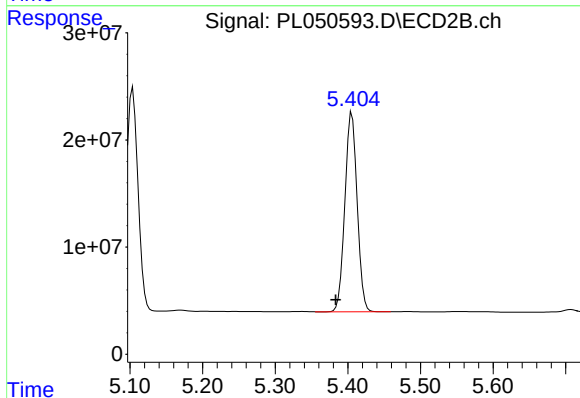
R.T.: 8.097 min  
Delta R.T.: 0.000 min  
Response: 117892644  
Conc: 51.32 ng/ml



#24 Chlordane-2

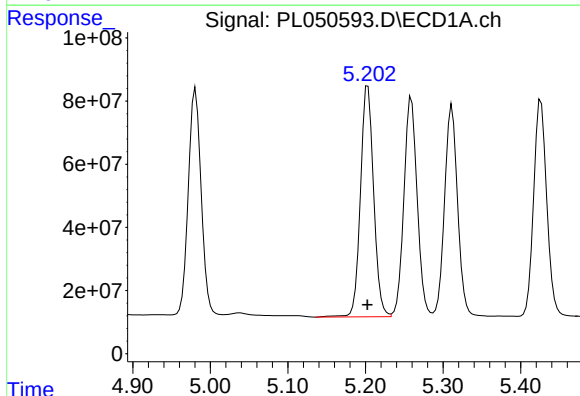
R.T.: 0.000 min  
Exp R.T.: 4.647 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SB-6(8-10)MS



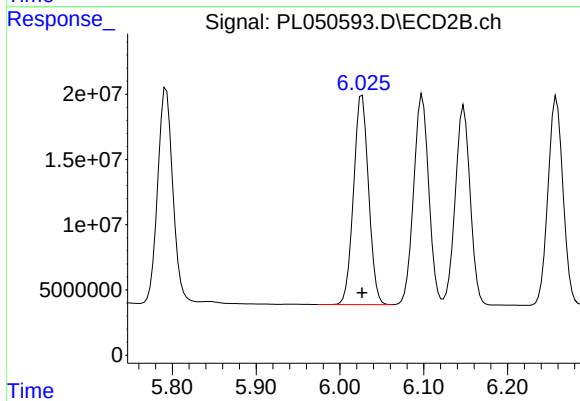
#24 Chlordane-2

R.T.: 5.406 min  
Delta R.T.: 0.022 min  
Response: 218756782  
Conc: 1862.51 ng/ml



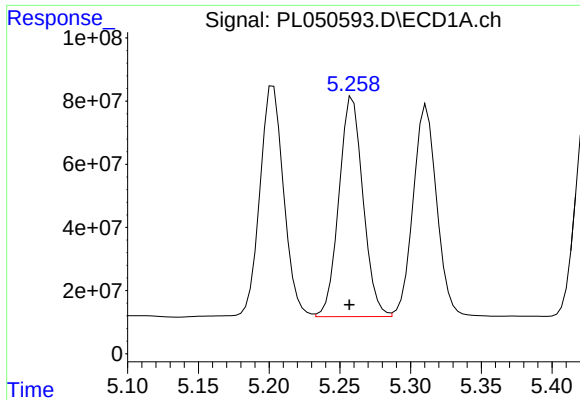
#25 Chlordane-3

R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 863611654  
Conc: 616.96 ng/ml



#25 Chlordane-3

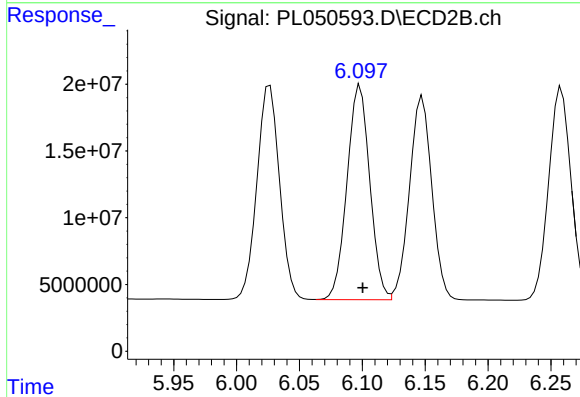
R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 200723265  
Conc: 417.32 ng/ml



#26 Chlordane-4

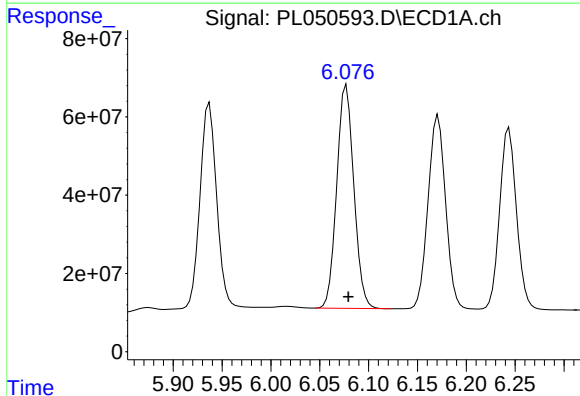
R.T.: 5.259 min  
Delta R.T.: 0.002 min  
Response: 826309742  
Conc: 626.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-6(8-10)MS



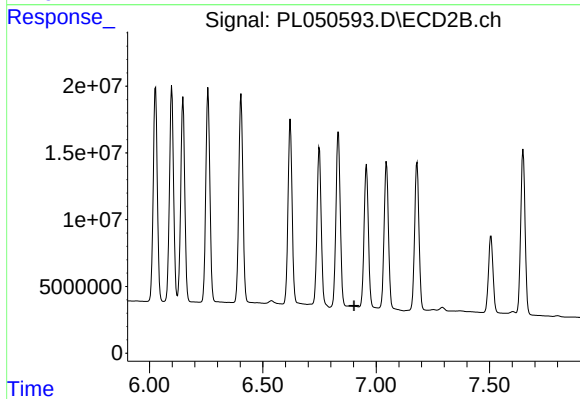
#26 Chlordane-4

R.T.: 6.098 min  
Delta R.T.: -0.002 min  
Response: 202658616  
Conc: 348.86 ng/ml



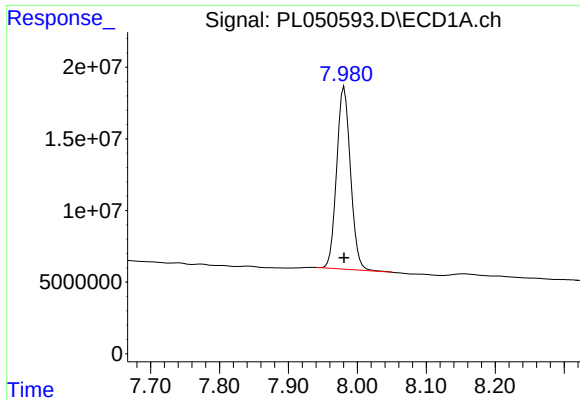
#27 Chlordane-5

R.T.: 6.077 min  
Delta R.T.: -0.002 min  
Response: 696079549  
Conc: 1370.41 ng/ml



#27 Chlordane-5

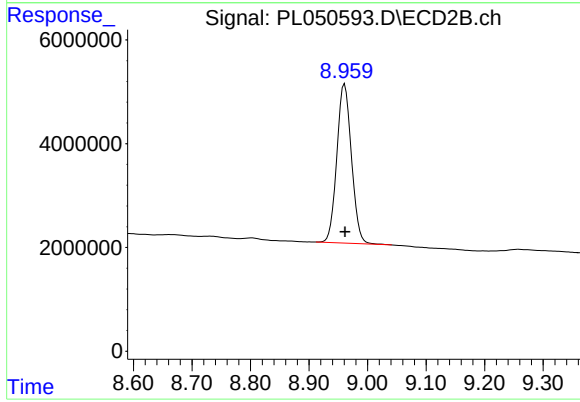
R.T.: 0.000 min  
Exp R.T.: 6.902 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.981 min  
Delta R.T.: 0.000 min  
Response: 177611503  
Conc: 17.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-6(8-10)MS



#28 Decachlorobiphenyl

R.T.: 8.961 min  
Delta R.T.: 0.000 min  
Response: 53180227  
Conc: 18.81 ng/ml