

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082319\  
 Data File : PL051788.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Aug 2019 22:22  
 Operator : SG\AJ  
 Sample : K4090-16MS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 23 22:51:28 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 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... | 3.314 | 3.925  | 199.1E6 | 52239856 | 23.258   | 23.910     |
| 28)                         | SA Decachlor... | 7.972 | 8.951  | 234.6E6 | 57030673 | 19.330   | 18.736     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.741 | 4.313  | 898.9E6 | 204.9E6  | 62.034   | 63.597     |
| 3)                          | MA gamma-BHC... | 4.016 | 4.596  | 846.6E6 | 194.9E6  | 64.350   | 61.896     |
| 4)                          | MA Heptachlor   | 4.300 | 5.097  | 938.1E6 | 218.8E6  | 61.968   | 62.389     |
| 5)                          | MB Aldrin       | 4.537 | 5.399  | 919.5E6 | 213.2E6  | 63.633   | 65.025     |
| 6)                          | B beta-BHC      | 4.271 | 4.774  | 356.2E6 | 93647097 | 62.387   | 64.255     |
| 7)                          | B delta-BHC     | 4.464 | 4.987  | 860.2E6 | 186.0E6  | 57.849   | 59.439     |
| 8)                          | B Heptachlo...  | 4.973 | 5.786  | 855.1E6 | 202.8E6  | 61.139   | 60.099     |
| 9)                          | A Endosulfan I  | 5.304 | 6.140  | 836.9E6 | 197.6E6  | 62.250   | 61.126     |
| 10)                         | B gamma-Chl...  | 5.196 | 6.020  | 912.6E6 | 212.2E6  | 61.118   | 58.127     |
| 11)                         | B alpha-Chl...  | 5.252 | 6.091  | 884.3E6 | 212.1E6  | 61.110   | 61.465     |
| 12)                         | B 4,4'-DDE      | 5.419 | 6.251  | 900.0E6 | 217.7E6  | 65.762   | 61.857     |
| 13)                         | MA Dieldrin     | 5.542 | 6.396  | 925.6E6 | 213.0E6  | 60.878   | 62.211     |
| 14)                         | MA Endrin       | 5.794 | 6.614  | 858.9E6 | 188.1E6  | 58.887   | 62.190     |
| 15)                         | B Endosulfa...  | 6.070 | 6.826  | 803.3E6 | 191.8E6  | 57.733   | 58.195     |
| 16)                         | A 4,4'-DDD      | 5.929 | 6.742  | 746.1E6 | 176.6E6  | 60.926   | 65.213     |
| 17)                         | MA 4,4'-DDT     | 6.163 | 7.038  | 737.1E6 | 170.3E6  | 57.803   | 58.156     |
| 18)                         | B Endrin al...  | 6.236 | 6.950  | 665.5E6 | 161.0E6  | 57.209   | 56.961     |
| 19)                         | B Endosulfa...  | 6.448 | 7.173  | 788.5E6 | 190.6E6  | 60.610   | 61.722     |
| 20)                         | A Methoxychlor  | 6.708 | 7.499  | 379.3E6 | 94082734 | 55.952   | 56.095     |
| 21)                         | B Endrin ke...  | 6.929 | 7.641  | 864.6E6 | 199.6E6  | 61.118   | 62.397     |
| 22)                         | Mirex           | 7.102 | 8.089  | 619.0E6 | 147.6E6  | 58.468   | 60.686     |
| 24)                         | Chlordane-2     | 0.000 | 5.399f | 0       | 213.2E6  | N.D.     | 2124.238 # |
| 25)                         | Chlordane-3     | 5.196 | 6.020  | 912.6E6 | 212.2E6  | 702.903  | 476.325 #  |
| 26)                         | Chlordane-4     | 5.252 | 6.091  | 884.3E6 | 212.1E6  | 725.251  | 390.555 #  |
| 27)                         | Chlordane-5     | 6.070 | 0.000  | 803.3E6 | 0        | 1636.984 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

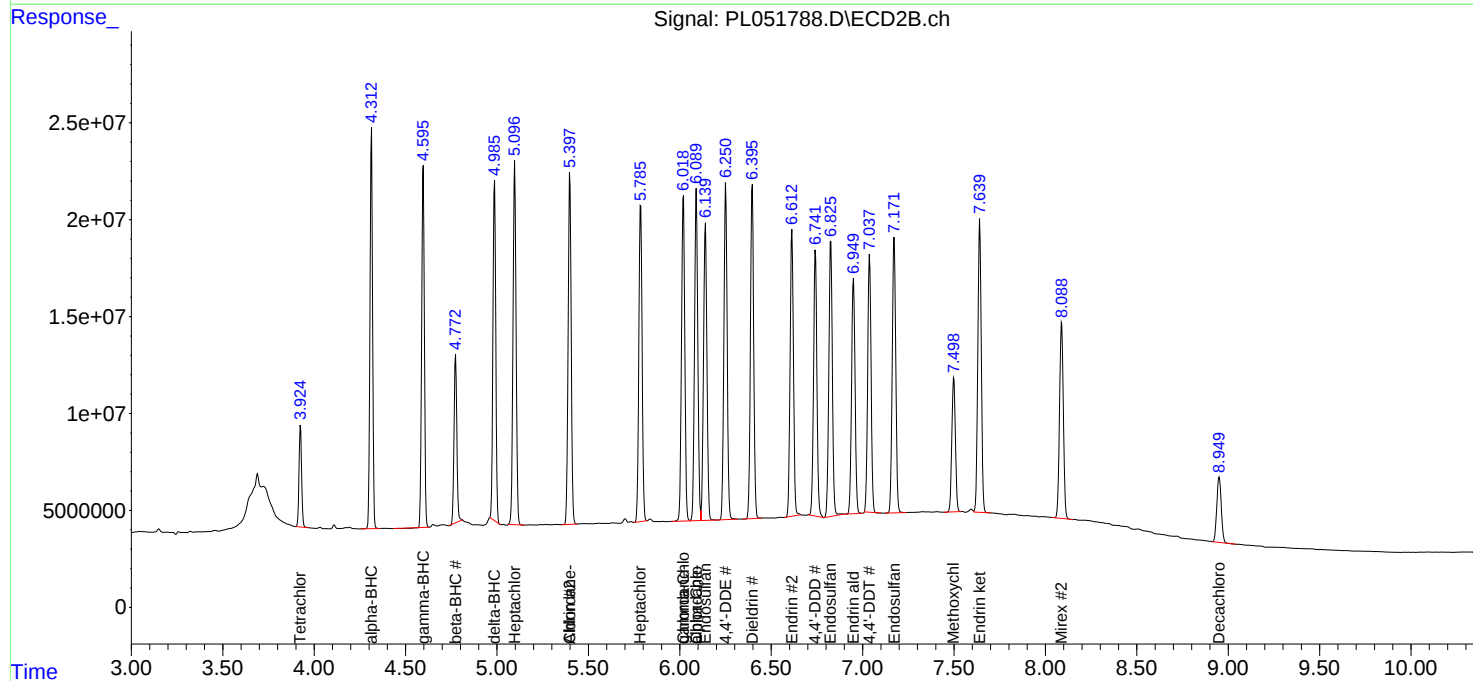
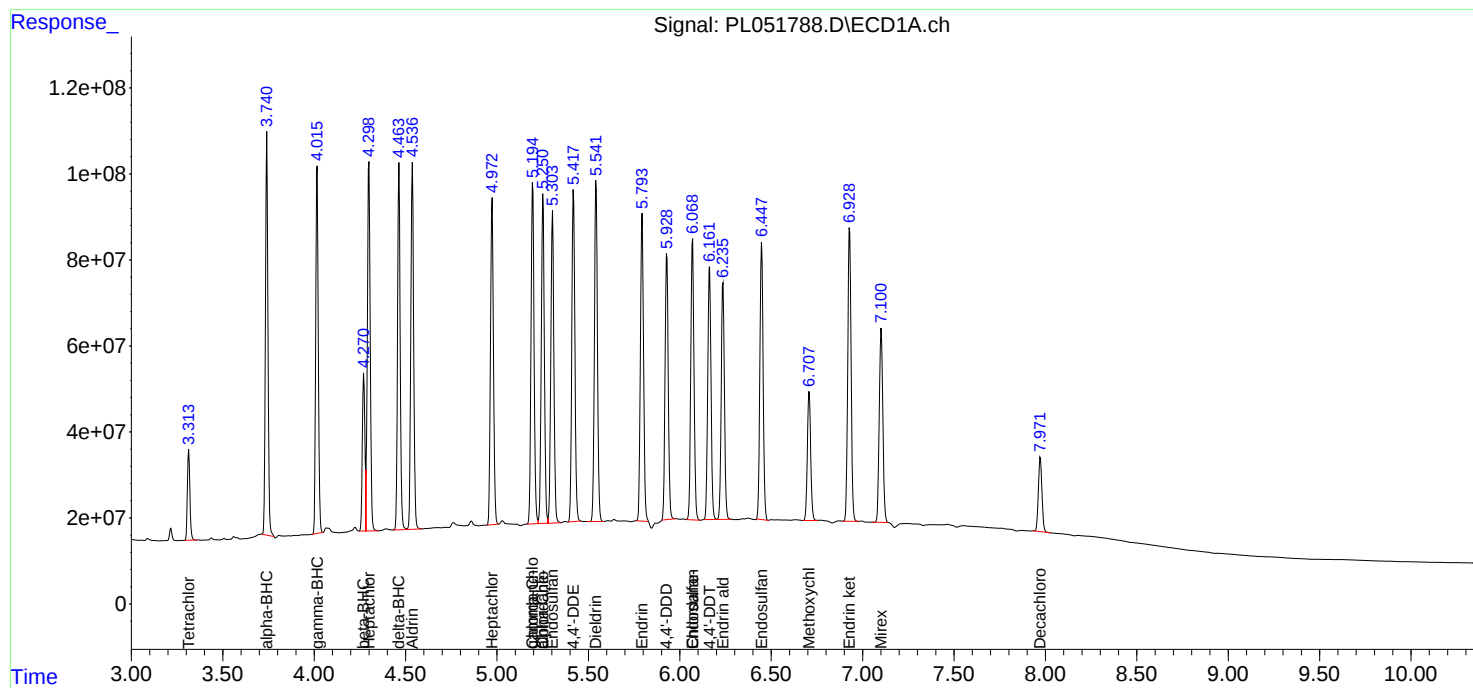
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

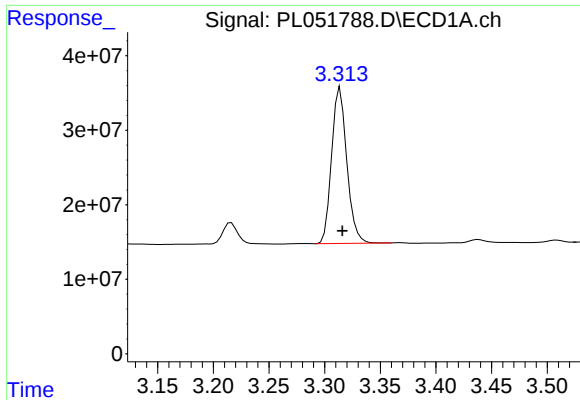
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082319\  
Data File : PL051788.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Aug 2019 22:22  
Operator : SG\AJ  
Sample : K4090-16MS  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 23 22:51:28 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 19 18:03:07 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

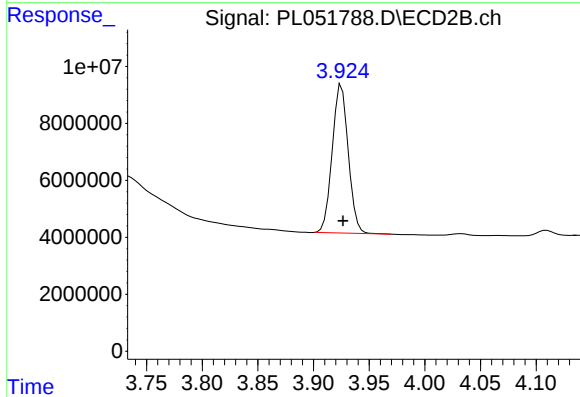




#1 Tetrachloro-m-xylene

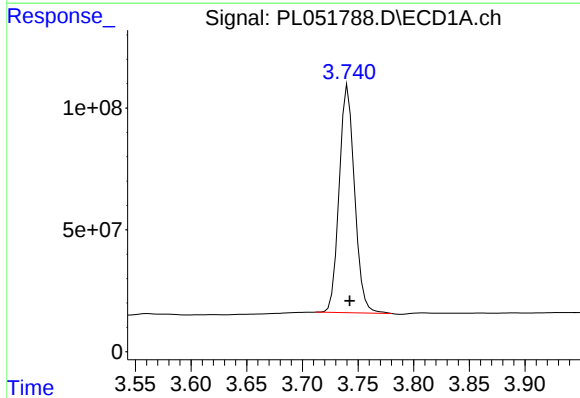
R.T.: 3.314 min  
Delta R.T.: -0.002 min  
Response: 199056732  
Conc: 23.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



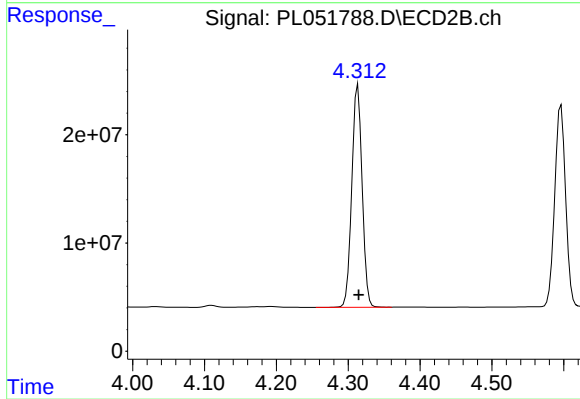
#1 Tetrachloro-m-xylene

R.T.: 3.925 min  
Delta R.T.: -0.001 min  
Response: 52239856  
Conc: 23.91 ng/ml



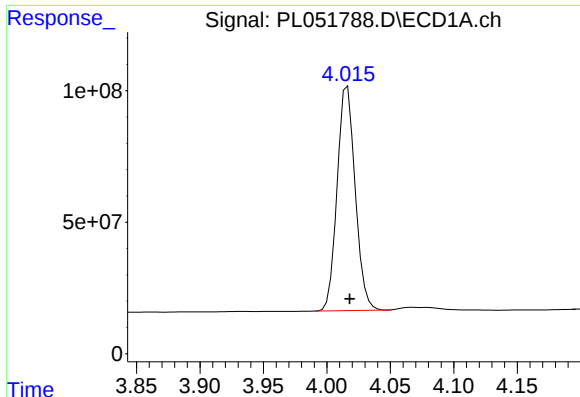
#2 alpha-BHC

R.T.: 3.741 min  
Delta R.T.: -0.002 min  
Response: 898853968  
Conc: 62.03 ng/ml



#2 alpha-BHC

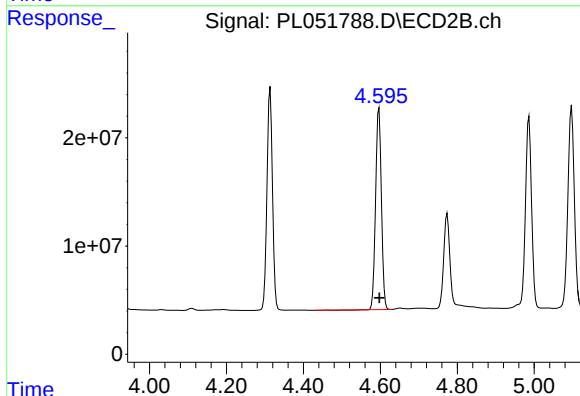
R.T.: 4.313 min  
Delta R.T.: -0.002 min  
Response: 204932444  
Conc: 63.60 ng/ml



#3 gamma-BHC (Lindane)

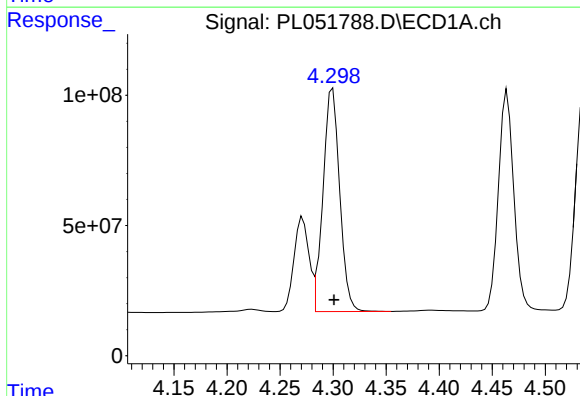
R.T.: 4.016 min  
Delta R.T.: -0.002 min  
Response: 846630852  
Conc: 64.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



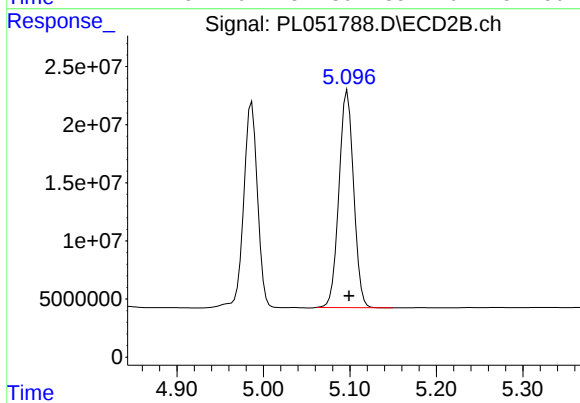
#3 gamma-BHC (Lindane)

R.T.: 4.596 min  
Delta R.T.: -0.001 min  
Response: 194868486  
Conc: 61.90 ng/ml



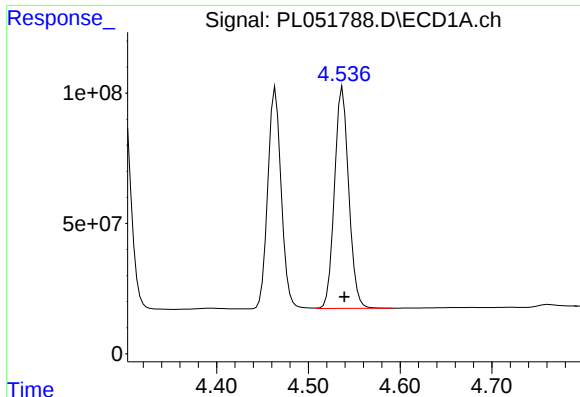
#4 Heptachlor

R.T.: 4.300 min  
Delta R.T.: -0.001 min  
Response: 938120138  
Conc: 61.97 ng/ml



#4 Heptachlor

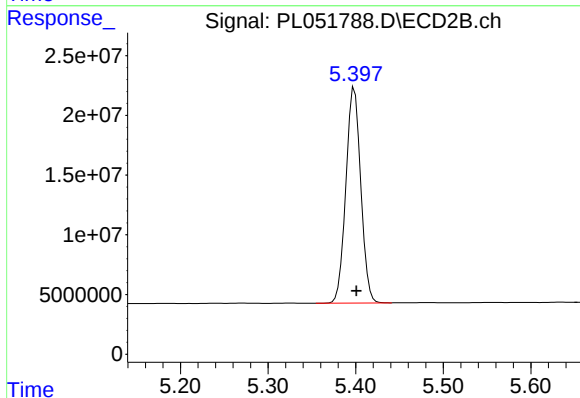
R.T.: 5.097 min  
Delta R.T.: -0.002 min  
Response: 218790519  
Conc: 62.39 ng/ml



#5 Aldrin

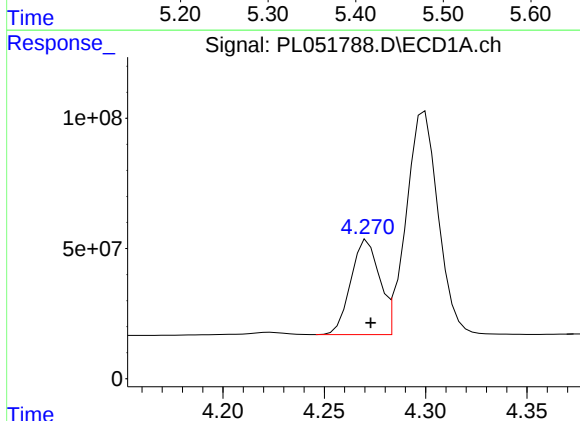
R.T.: 4.537 min  
Delta R.T.: -0.002 min  
Response: 919544278  
Conc: 63.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



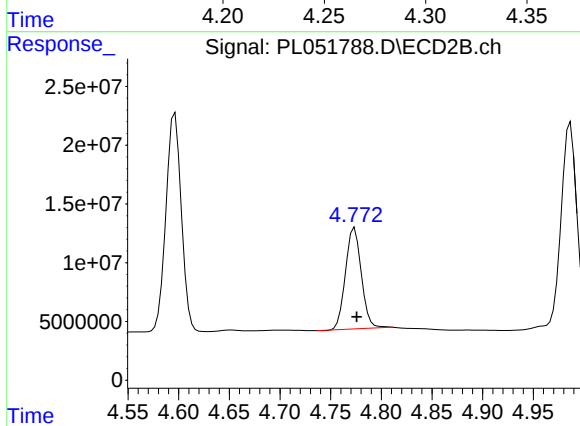
#5 Aldrin

R.T.: 5.399 min  
Delta R.T.: -0.002 min  
Response: 213211013  
Conc: 65.03 ng/ml



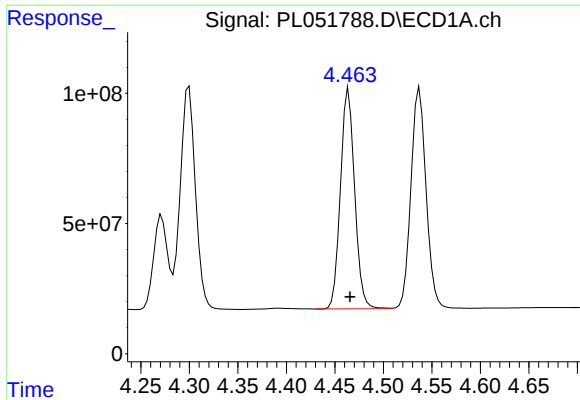
#6 beta-BHC

R.T.: 4.271 min  
Delta R.T.: -0.001 min  
Response: 356235838  
Conc: 62.39 ng/ml



#6 beta-BHC

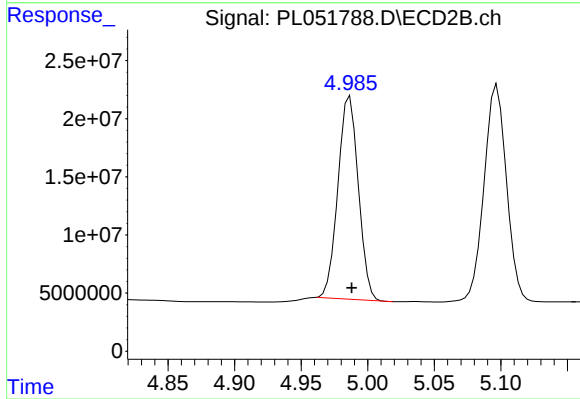
R.T.: 4.774 min  
Delta R.T.: -0.002 min  
Response: 93647097  
Conc: 64.26 ng/ml



#7 delta-BHC

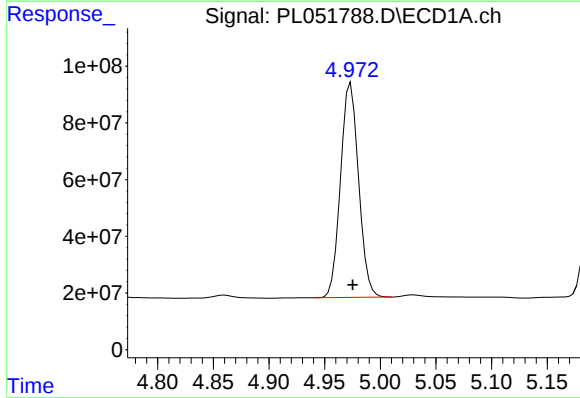
R.T.: 4.464 min  
Delta R.T.: -0.001 min  
Response: 860155199  
Conc: 57.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



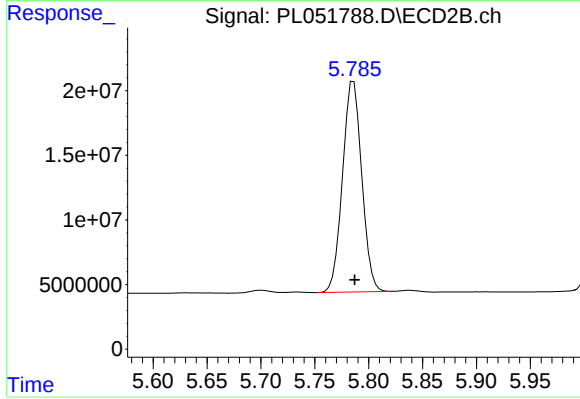
#7 delta-BHC

R.T.: 4.987 min  
Delta R.T.: -0.001 min  
Response: 186029572  
Conc: 59.44 ng/ml



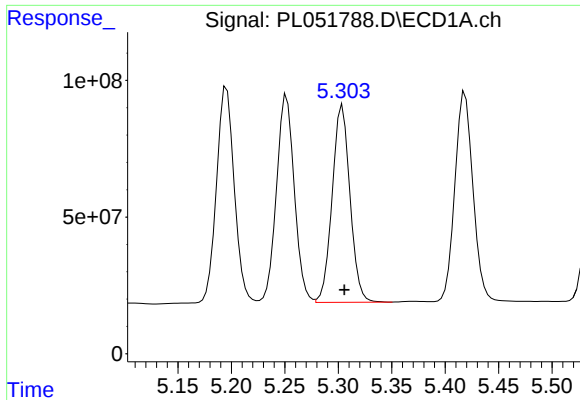
#8 Heptachlor epoxide

R.T.: 4.973 min  
Delta R.T.: -0.002 min  
Response: 855051443  
Conc: 61.14 ng/ml



#8 Heptachlor epoxide

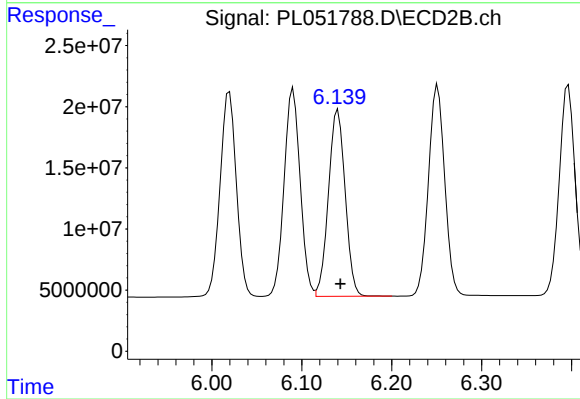
R.T.: 5.786 min  
Delta R.T.: -0.001 min  
Response: 202821896  
Conc: 60.10 ng/ml



#9 Endosulfan I

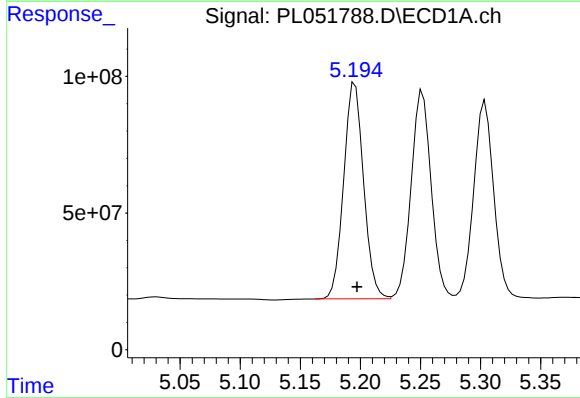
R.T.: 5.304 min  
Delta R.T.: -0.002 min  
Response: 836874470  
Conc: 62.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



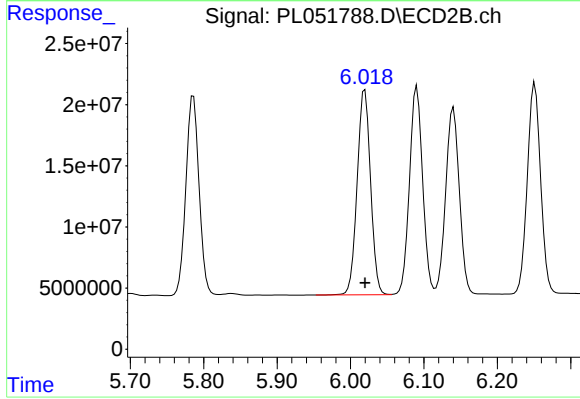
#9 Endosulfan I

R.T.: 6.140 min  
Delta R.T.: -0.003 min  
Response: 197631937  
Conc: 61.13 ng/ml



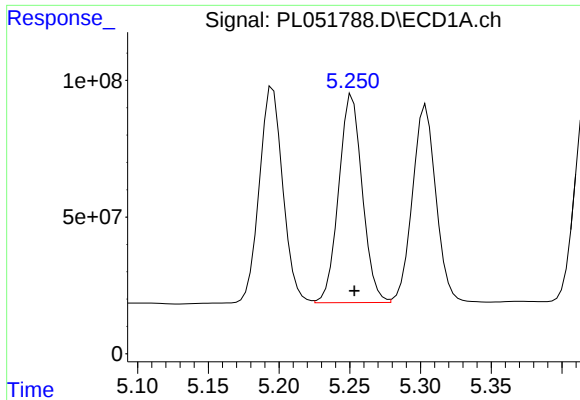
#10 gamma-Chlordane

R.T.: 5.196 min  
Delta R.T.: -0.002 min  
Response: 912606564  
Conc: 61.12 ng/ml



#10 gamma-Chlordane

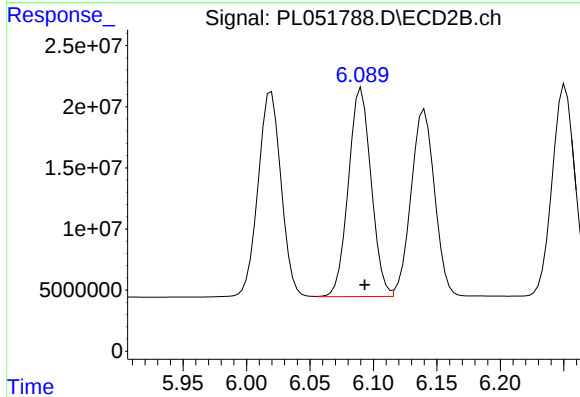
R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 212221952  
Conc: 58.13 ng/ml



#11 alpha-Chlordane

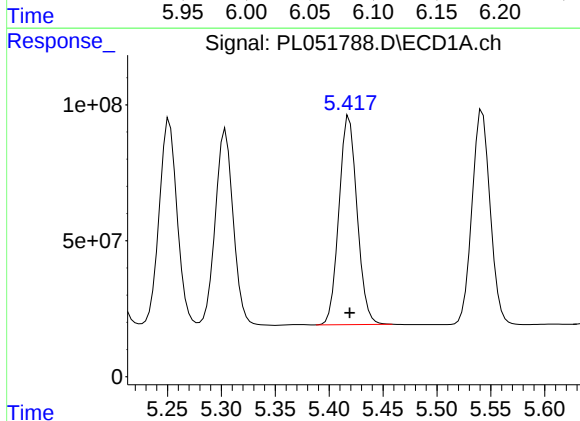
R.T.: 5.252 min  
Delta R.T.: -0.002 min  
Response: 884340165  
Conc: 61.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



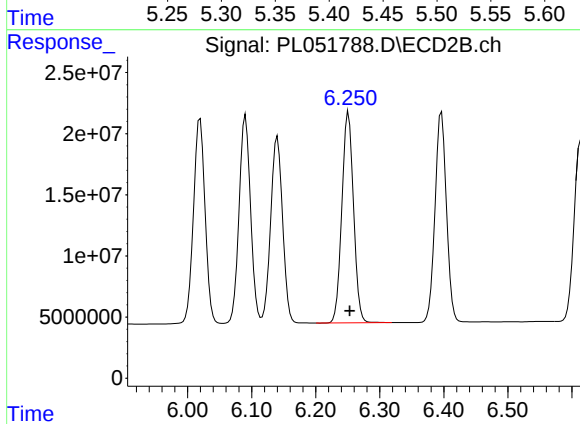
#11 alpha-Chlordane

R.T.: 6.091 min  
Delta R.T.: -0.003 min  
Response: 212114947  
Conc: 61.47 ng/ml



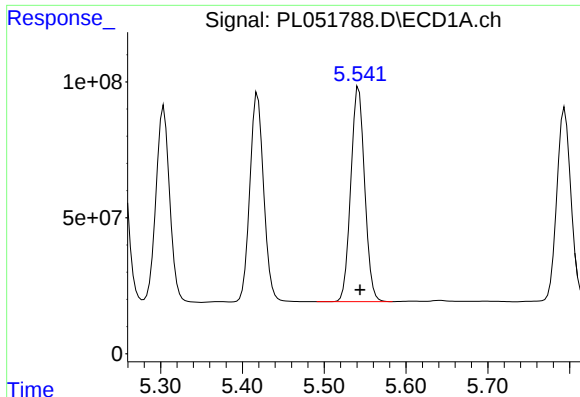
#12 4,4'-DDE

R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 900004653  
Conc: 65.76 ng/ml



#12 4,4'-DDE

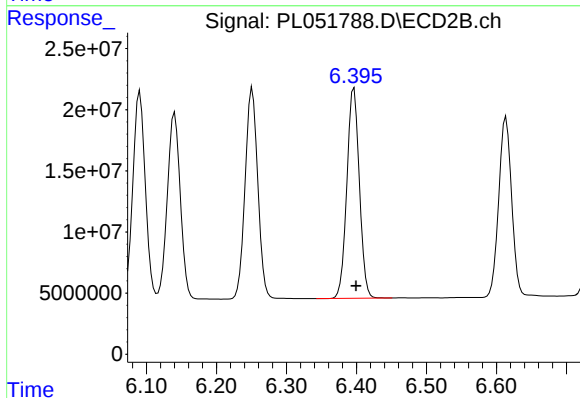
R.T.: 6.251 min  
Delta R.T.: -0.002 min  
Response: 217740098  
Conc: 61.86 ng/ml



#13 Dieldrin

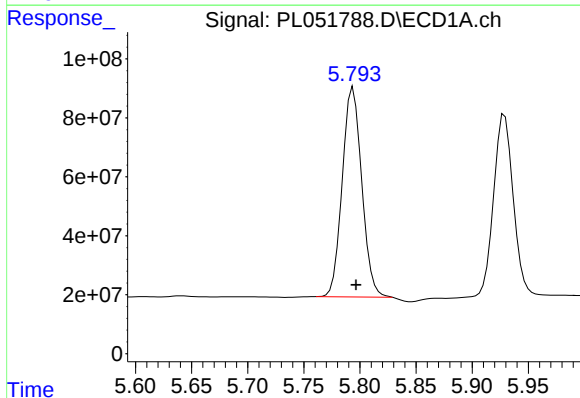
R.T.: 5.542 min  
Delta R.T.: -0.002 min  
Response: 925643264  
Conc: 60.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



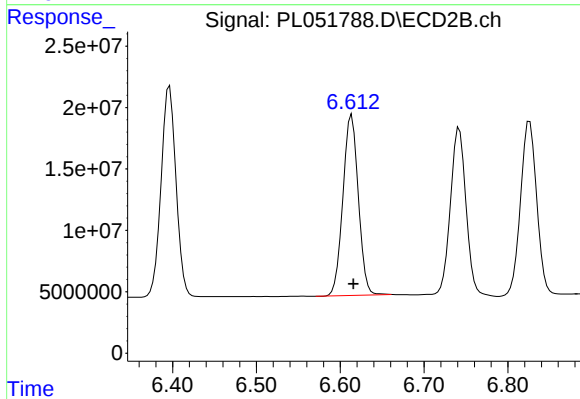
#13 Dieldrin

R.T.: 6.396 min  
Delta R.T.: -0.003 min  
Response: 213046325  
Conc: 62.21 ng/ml



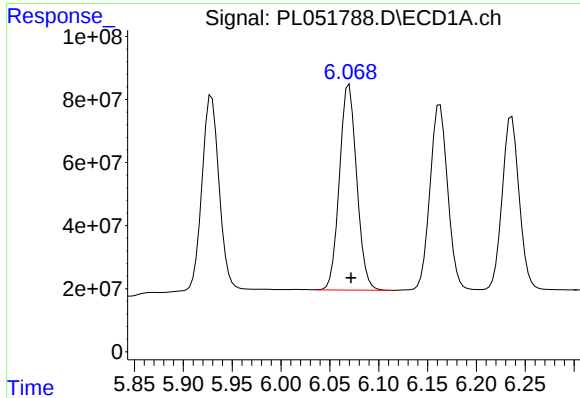
#14 Endrin

R.T.: 5.794 min  
Delta R.T.: -0.002 min  
Response: 858935976  
Conc: 58.89 ng/ml



#14 Endrin

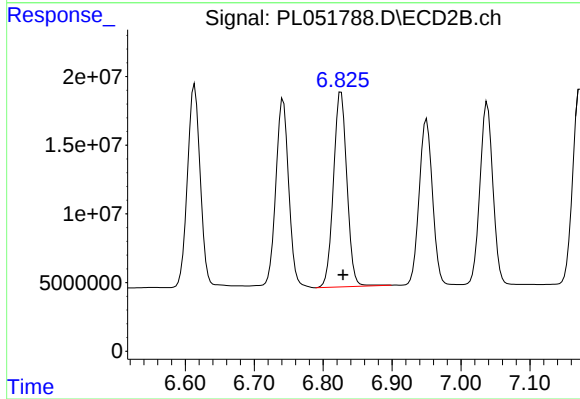
R.T.: 6.614 min  
Delta R.T.: -0.002 min  
Response: 188102383  
Conc: 62.19 ng/ml



#15 Endosulfan II

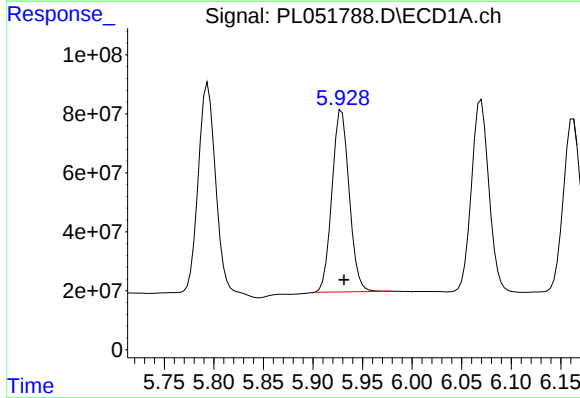
R.T.: 6.070 min  
Delta R.T.: -0.002 min  
Response: 803296743  
Conc: 57.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



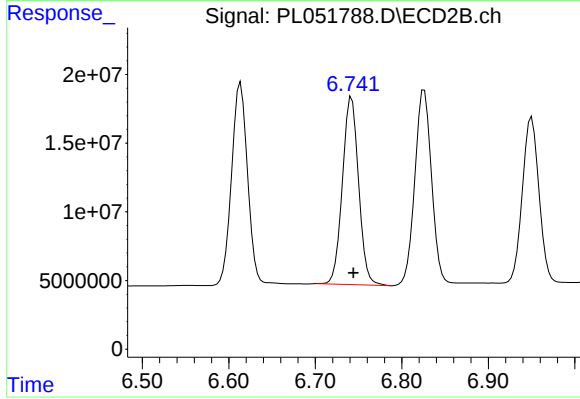
#15 Endosulfan II

R.T.: 6.826 min  
Delta R.T.: -0.003 min  
Response: 191812857  
Conc: 58.20 ng/ml



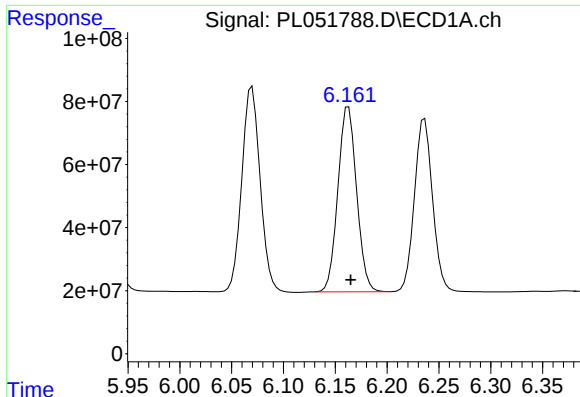
#16 4,4'-DDD

R.T.: 5.929 min  
Delta R.T.: -0.002 min  
Response: 746067460  
Conc: 60.93 ng/ml



#16 4,4'-DDD

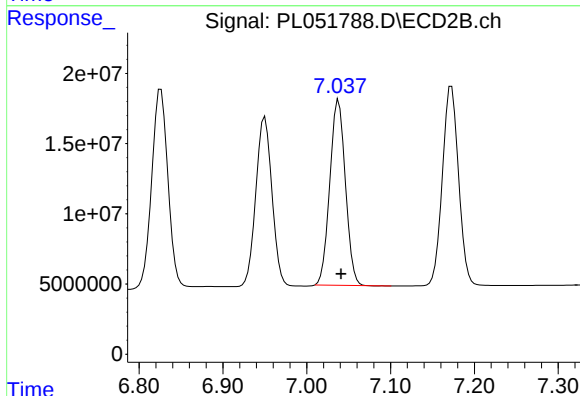
R.T.: 6.742 min  
Delta R.T.: -0.002 min  
Response: 176553958  
Conc: 65.21 ng/ml



#17 4,4'-DDT

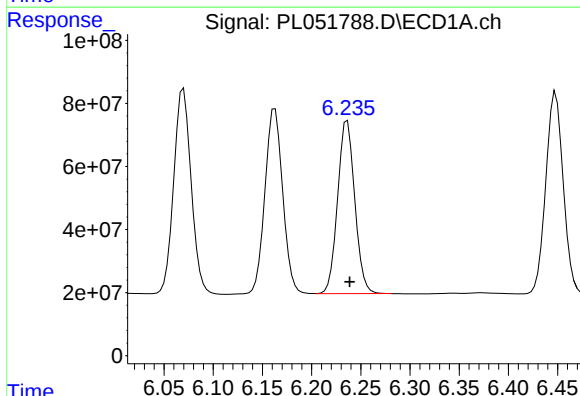
R.T.: 6.163 min  
Delta R.T.: -0.002 min  
Response: 737069866  
Conc: 57.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



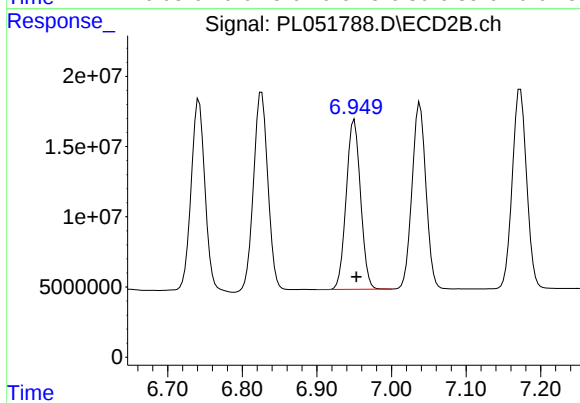
#17 4,4'-DDT

R.T.: 7.038 min  
Delta R.T.: -0.003 min  
Response: 170263579  
Conc: 58.16 ng/ml



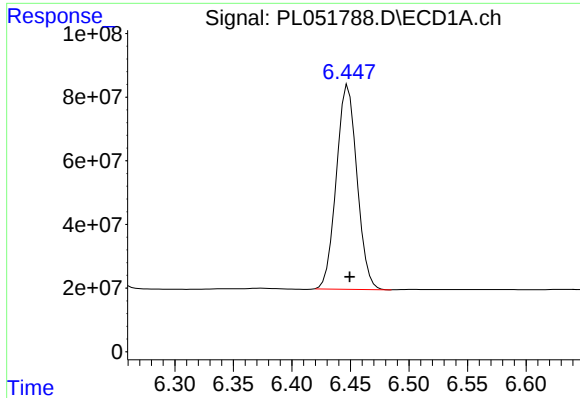
#18 Endrin aldehyde

R.T.: 6.236 min  
Delta R.T.: -0.002 min  
Response: 665522283  
Conc: 57.21 ng/ml



#18 Endrin aldehyde

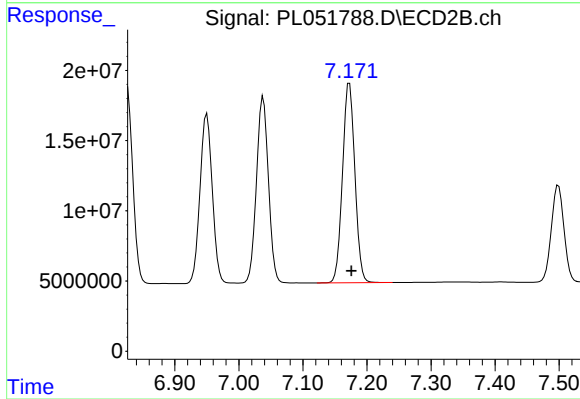
R.T.: 6.950 min  
Delta R.T.: -0.003 min  
Response: 160983741  
Conc: 56.96 ng/ml



#19 Endosulfan Sulfate

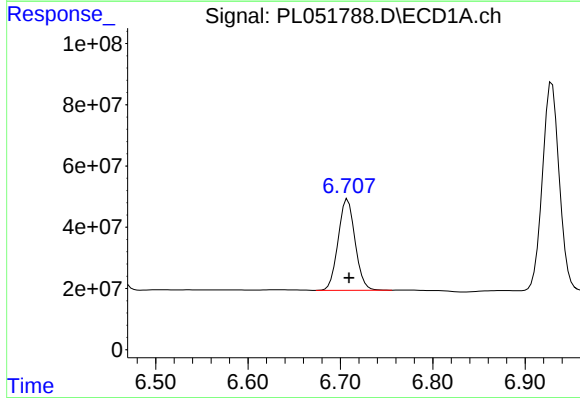
R.T.: 6.448 min  
Delta R.T.: -0.001 min  
Response: 788473640  
Conc: 60.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



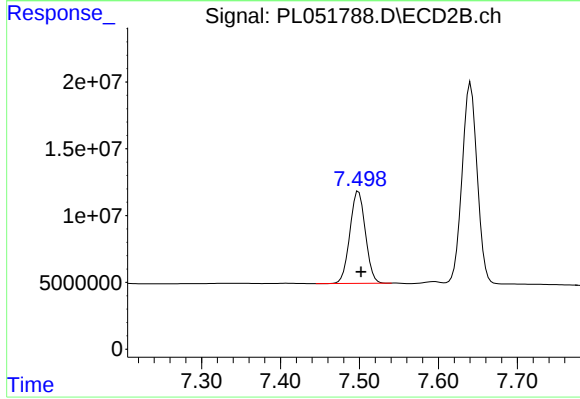
#19 Endosulfan Sulfate

R.T.: 7.173 min  
Delta R.T.: -0.003 min  
Response: 190601069  
Conc: 61.72 ng/ml



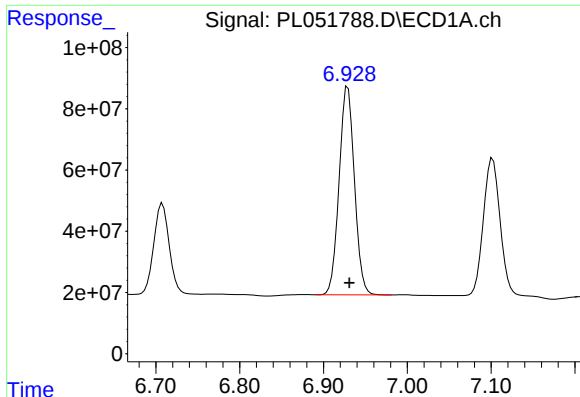
#20 Methoxychlor

R.T.: 6.708 min  
Delta R.T.: -0.002 min  
Response: 379341514  
Conc: 55.95 ng/ml



#20 Methoxychlor

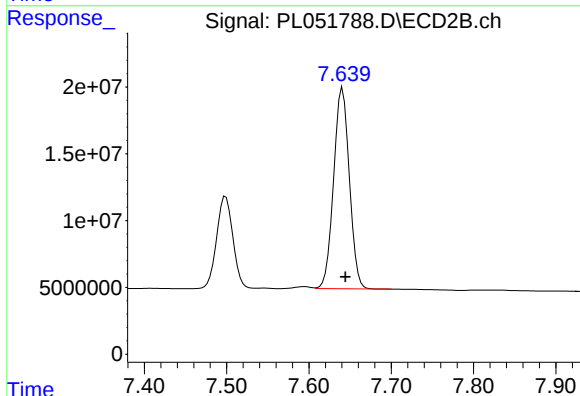
R.T.: 7.499 min  
Delta R.T.: -0.003 min  
Response: 94082734  
Conc: 56.10 ng/ml



#21 Endrin ketone

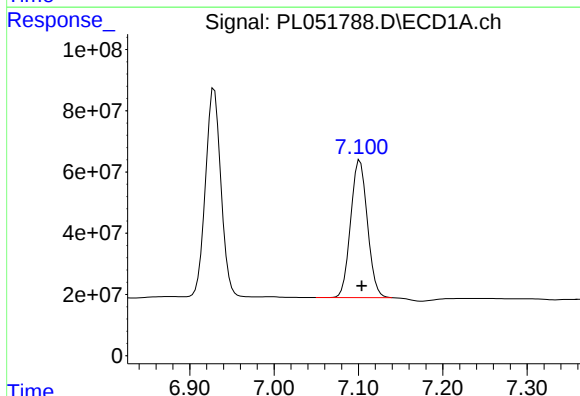
R.T.: 6.929 min  
Delta R.T.: -0.002 min  
Response: 864640067  
Conc: 61.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



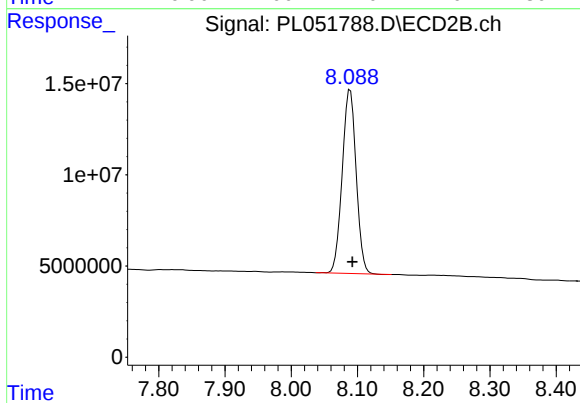
#21 Endrin ketone

R.T.: 7.641 min  
Delta R.T.: -0.003 min  
Response: 199638323  
Conc: 62.40 ng/ml



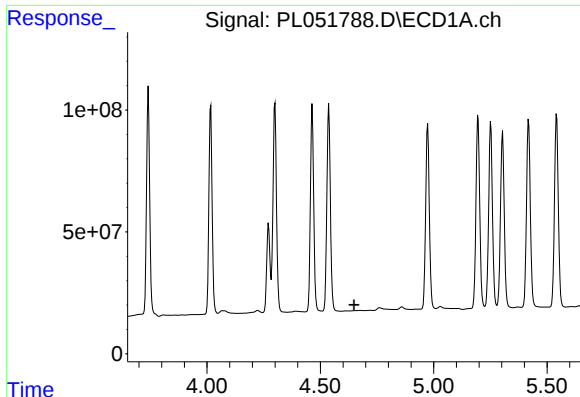
#22 Mirex

R.T.: 7.102 min  
Delta R.T.: -0.002 min  
Response: 619028737  
Conc: 58.47 ng/ml



#22 Mirex

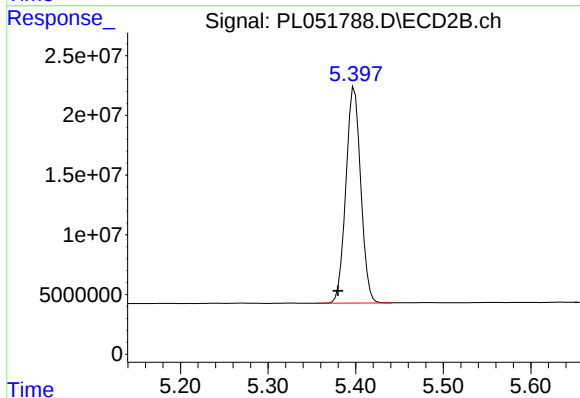
R.T.: 8.089 min  
Delta R.T.: -0.003 min  
Response: 147631383  
Conc: 60.69 ng/ml



#24 Chlordane-2

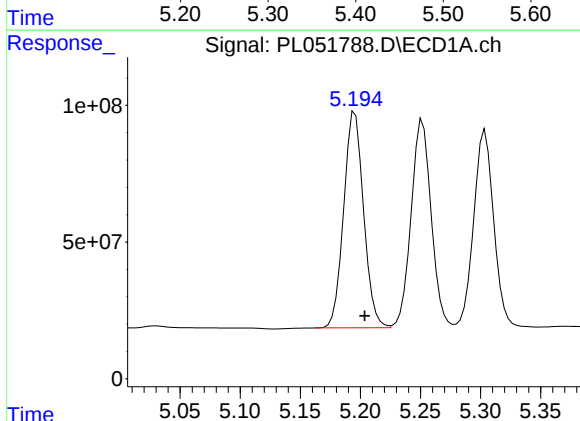
R.T.: 0.000 min  
Exp R.T.: 4.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



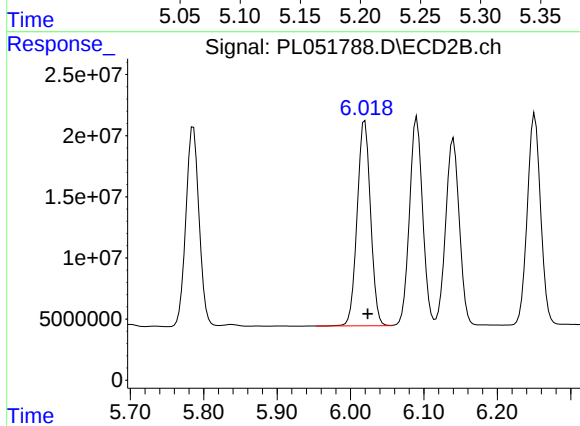
#24 Chlordane-2

R.T.: 5.399 min  
Delta R.T.: 0.019 min  
Response: 213211013  
Conc: 2124.24 ng/ml



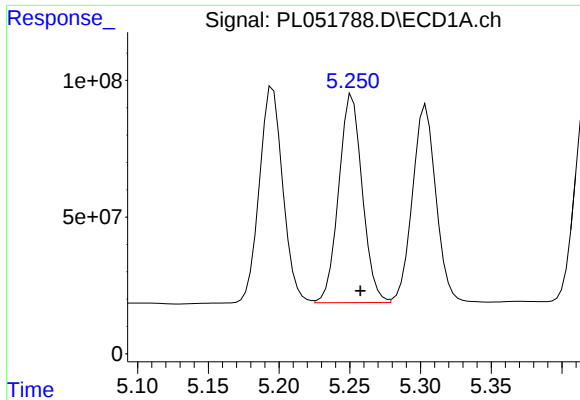
#25 Chlordane-3

R.T.: 5.196 min  
Delta R.T.: -0.008 min  
Response: 912606564  
Conc: 702.90 ng/ml



#25 Chlordane-3

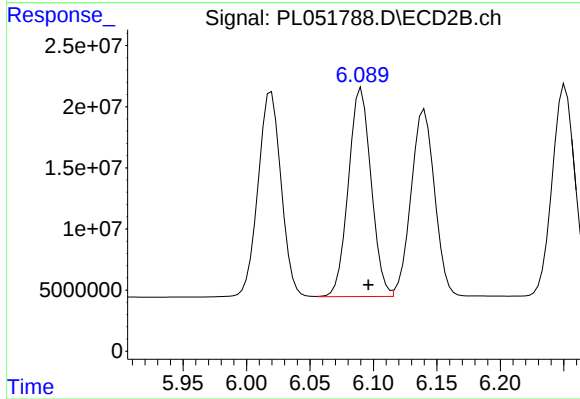
R.T.: 6.020 min  
Delta R.T.: -0.004 min  
Response: 212221952  
Conc: 476.33 ng/ml



#26 Chlordane-4

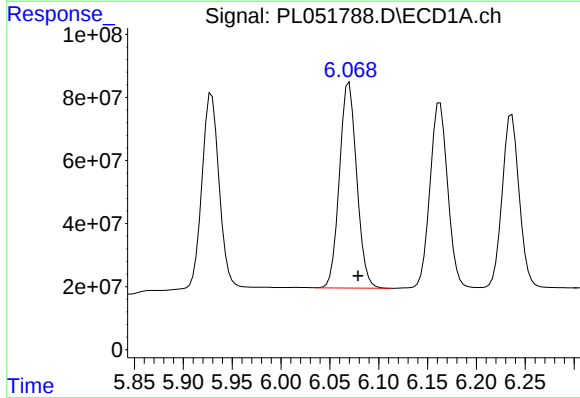
R.T.: 5.252 min  
Delta R.T.: -0.006 min  
Response: 884340165  
Conc: 725.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



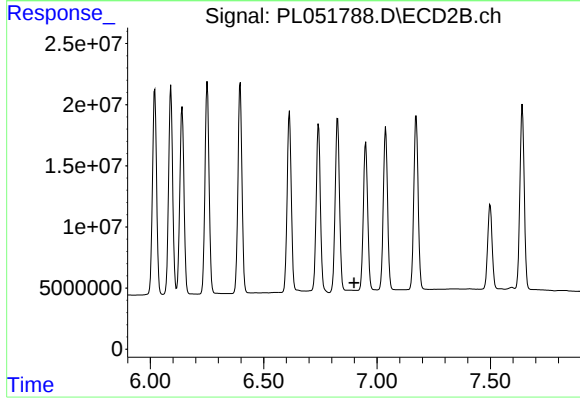
#26 Chlordane-4

R.T.: 6.091 min  
Delta R.T.: -0.005 min  
Response: 212114947  
Conc: 390.55 ng/ml



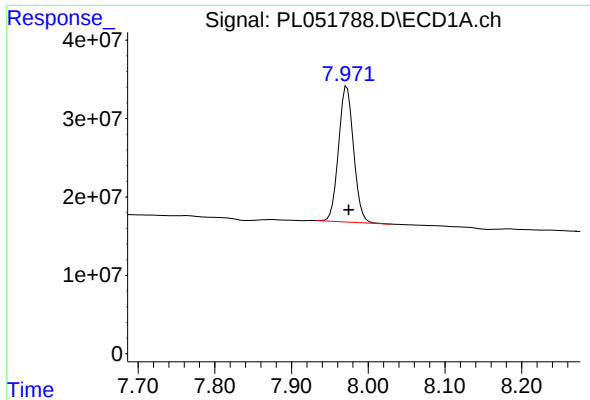
#27 Chlordane-5

R.T.: 6.070 min  
Delta R.T.: -0.009 min  
Response: 803296743  
Conc: 1636.98 ng/ml



#27 Chlordane-5

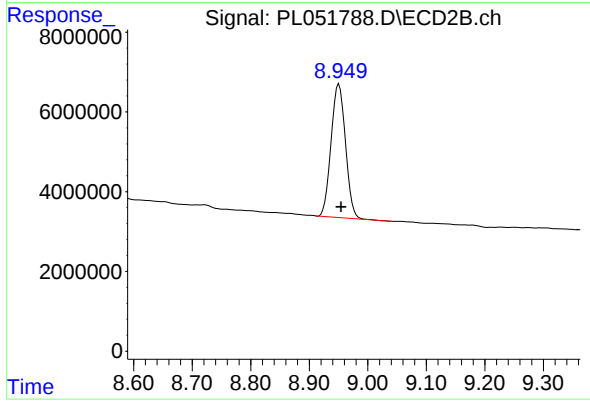
R.T.: 0.000 min  
Exp R.T.: 6.898 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.972 min  
Delta R.T.: -0.003 min  
Response: 234628030  
Conc: 19.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.951 min  
Delta R.T.: -0.003 min  
Response: 57030673  
Conc: 18.74 ng/ml