

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090220\  
 Data File : PL061192.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Sep 2020 14:27  
 Operator : DD\AJ  
 Sample : PB131364BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 02 17:14:14 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082520.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 25 16:59:57 2020  
 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... | 3.460 | 4.008  | 34014091 | 47599725 | 18.432   | 18.314     |
| 28)                         | SA Decachlor... | 8.214 | 9.097  | 30765876 | 42220365 | 18.263   | 20.009     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.897 | 4.397  | 129.7E6  | 182.5E6  | 45.860   | 44.918     |
| 3)                          | MA gamma-BHC... | 4.180 | 4.683  | 115.2E6  | 167.8E6  | 45.124   | 44.612     |
| 4)                          | MA Heptachlor   | 4.482 | 5.194  | 107.1E6  | 163.0E6  | 45.640   | 44.536     |
| 5)                          | MB Aldrin       | 4.730 | 5.500  | 95621375 | 149.9E6  | 45.826   | 44.481     |
| 6)                          | B beta-BHC      | 4.431 | 4.854  | 48221405 | 70132702 | 47.207   | 47.091     |
| 7)                          | B delta-BHC     | 4.635 | 5.071  | 104.2E6  | 139.8E6  | 43.851   | 50.904     |
| 8)                          | B Heptachlo...  | 5.173 | 5.888  | 91001137 | 134.5E6  | 46.157   | 51.435     |
| 9)                          | A Endosulfan I  | 5.511 | 6.246  | 84012160 | 127.0E6  | 46.233   | 44.158     |
| 10)                         | B gamma-Chl...  | 5.400 | 6.123  | 89934038 | 138.3E6  | 45.770   | 44.526     |
| 11)                         | B alpha-Chl...  | 5.458 | 6.196  | 89396253 | 137.8E6  | 45.804   | 44.333     |
| 12)                         | B 4,4'-DDE      | 5.623 | 6.354  | 82782465 | 126.1E6  | 44.990   | 43.642     |
| 13)                         | MA Dieldrin     | 5.754 | 6.504  | 87789955 | 131.1E6  | 45.617   | 43.906     |
| 14)                         | MA Endrin       | 6.011 | 6.723  | 74854084 | 104.7E6  | 41.160   | 41.213     |
| 15)                         | B Endosulfa...  | 6.284 | 6.932  | 79017992 | 110.9E6  | 44.268   | 43.106     |
| 16)                         | A 4,4'-DDD      | 6.139 | 6.845  | 71889575 | 104.3E6  | 45.475   | 44.647     |
| 17)                         | MA 4,4'-DDT     | 6.380 | 7.145  | 64744956 | 93443210 | 42.832   | 40.575     |
| 18)                         | B Endrin al...  | 6.452 | 7.056  | 69191242 | 97597260 | 45.694   | 44.737     |
| 19)                         | B Endosulfa...  | 6.665 | 7.280  | 77818708 | 106.9E6  | 45.441   | 44.113     |
| 20)                         | A Methoxychlor  | 6.926 | 7.605  | 38249454 | 54047558 | 42.609   | 41.805     |
| 21)                         | B Endrin ke...  | 7.155 | 7.752  | 91241059 | 113.1E6  | 47.268   | 45.425     |
| 22)                         | Mirex           | 7.344 | 8.208  | 65023084 | 79851823 | 45.654   | 45.891     |
| 24)                         | Chlordane-2     | 0.000 | 5.500f | 0        | 149.9E6  | N.D.     | 1456.748 # |
| 25)                         | Chlordane-3     | 5.400 | 6.123  | 89934038 | 138.3E6  | 498.297  | 346.013 #  |
| 26)                         | Chlordane-4     | 5.458 | 6.196  | 89396253 | 137.8E6  | 601.242  | 286.706 #  |
| 27)                         | Chlordane-5     | 6.284 | 0.000  | 79017992 | 0        | 1262.759 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

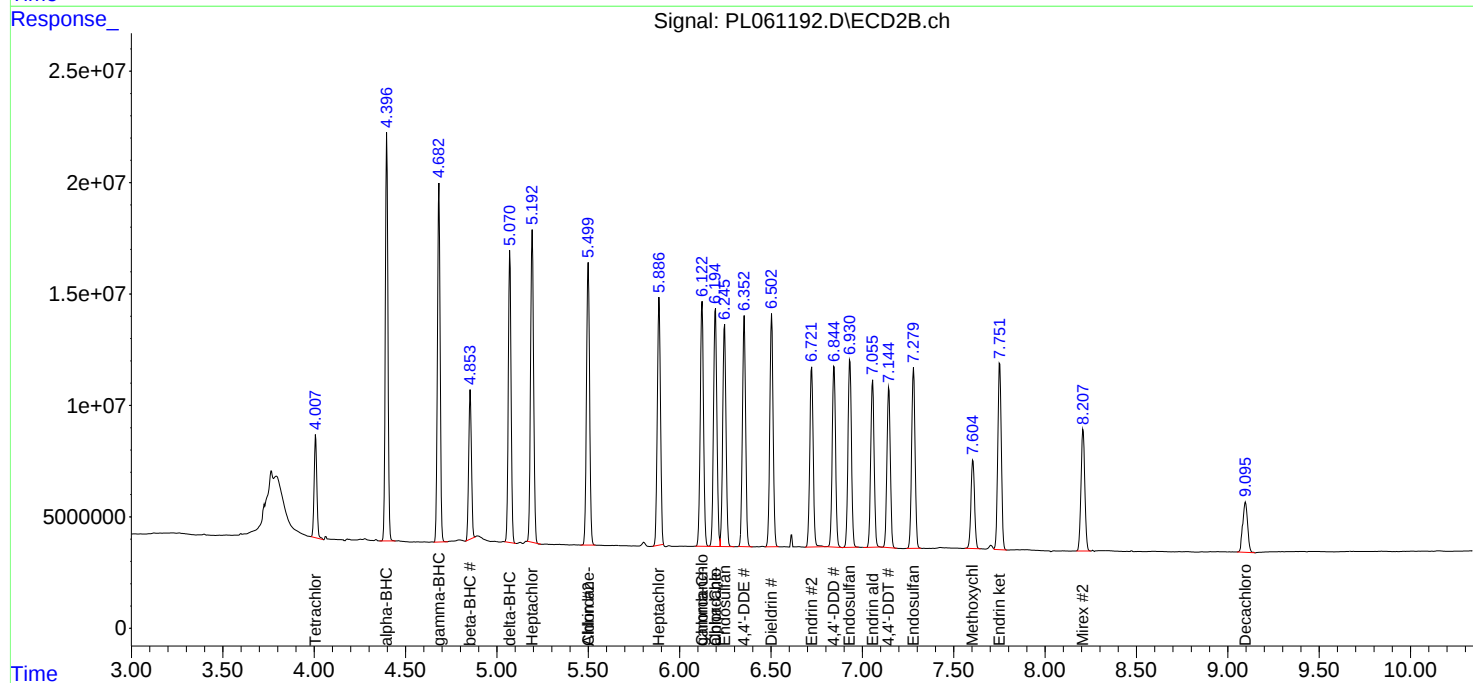
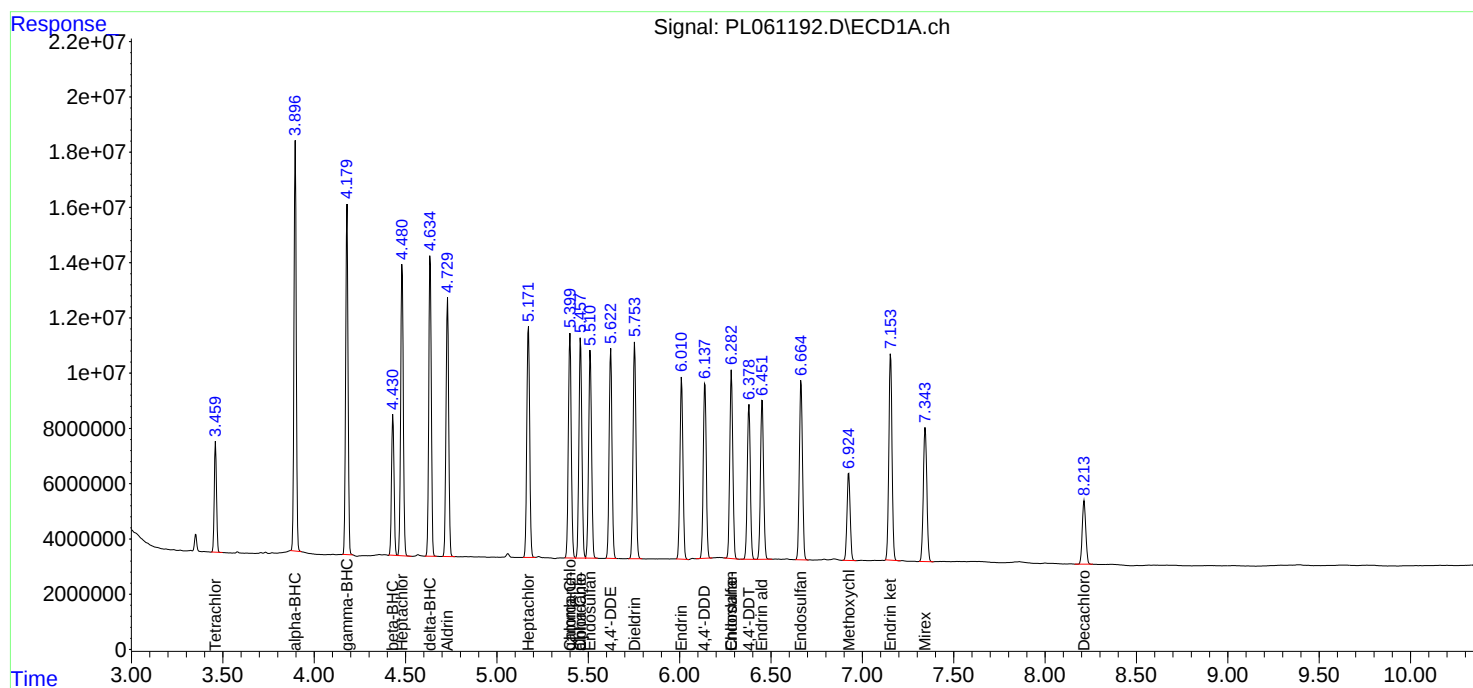
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

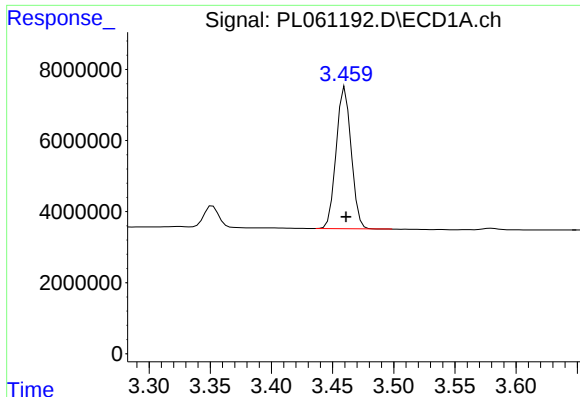
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090220\  
Data File : PL061192.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Sep 2020 14:27  
Operator : DD\AJ  
Sample : PB131364BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 02 17:14:14 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082520.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 25 16:59:57 2020  
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

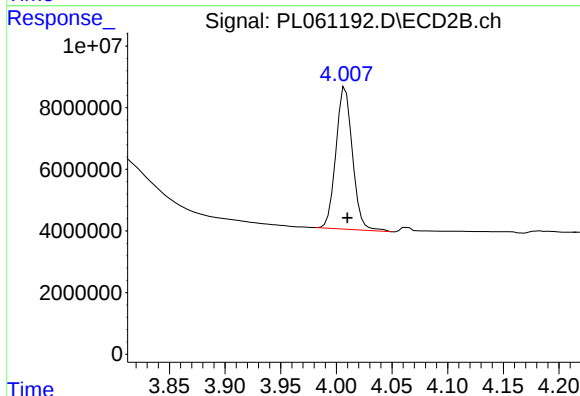




#1 Tetrachloro-m-xylene

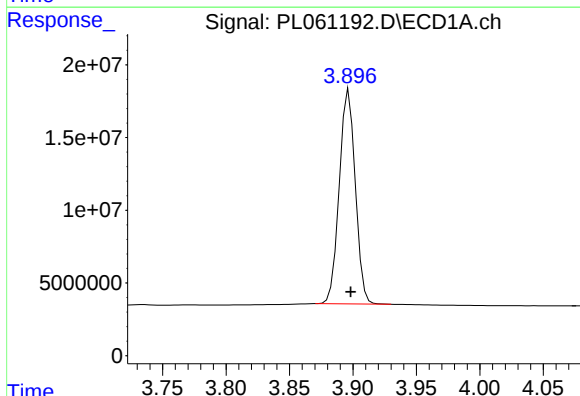
R.T.: 3.460 min  
Delta R.T.: 0.000 min  
Response: 34014091  
Conc: 18.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



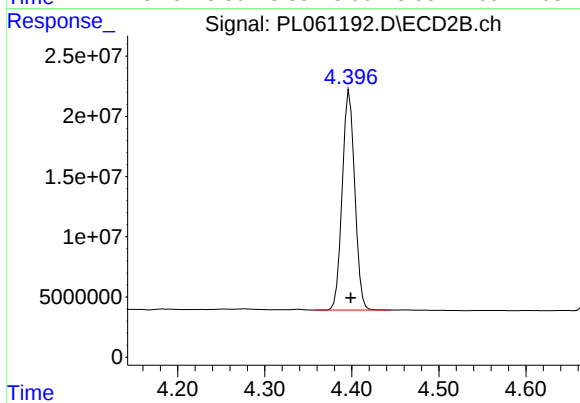
#1 Tetrachloro-m-xylene

R.T.: 4.008 min  
Delta R.T.: -0.002 min  
Response: 47599725  
Conc: 18.31 ng/ml



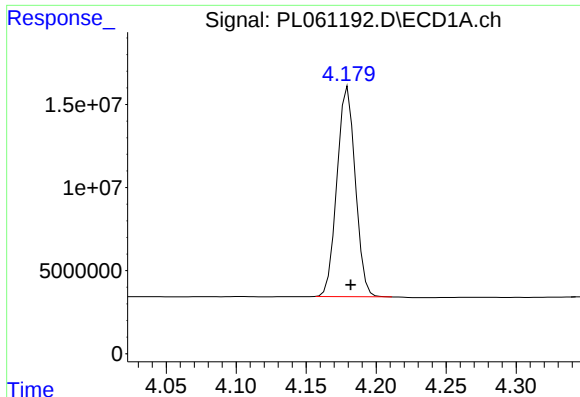
#2 alpha-BHC

R.T.: 3.897 min  
Delta R.T.: -0.001 min  
Response: 129684900  
Conc: 45.86 ng/ml



#2 alpha-BHC

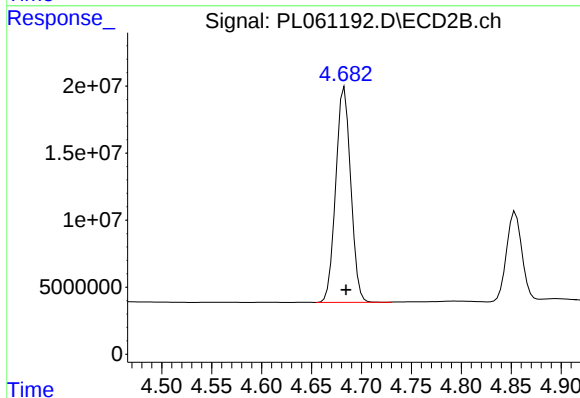
R.T.: 4.397 min  
Delta R.T.: -0.001 min  
Response: 182467072  
Conc: 44.92 ng/ml



#3 gamma-BHC (Lindane)

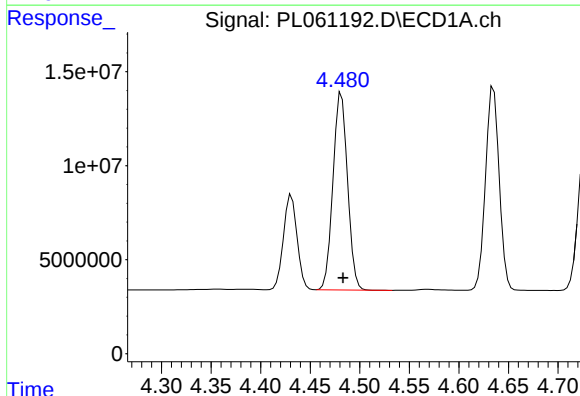
R.T.: 4.180 min  
Delta R.T.: -0.002 min  
Response: 115198706  
Conc: 45.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



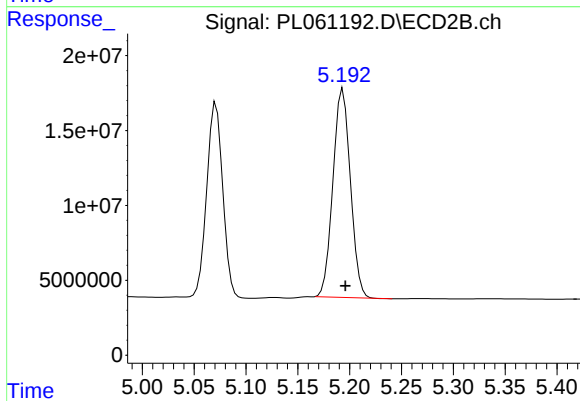
#3 gamma-BHC (Lindane)

R.T.: 4.683 min  
Delta R.T.: -0.002 min  
Response: 167803692  
Conc: 44.61 ng/ml



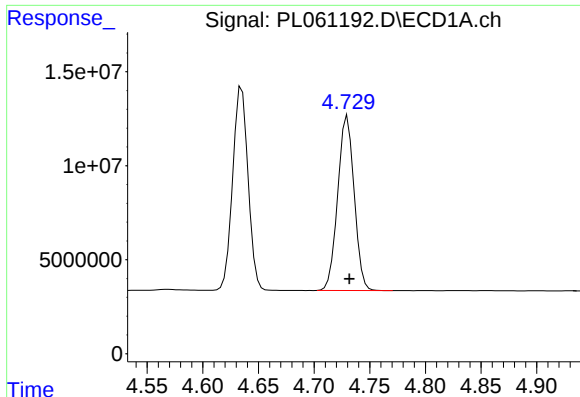
#4 Heptachlor

R.T.: 4.482 min  
Delta R.T.: -0.002 min  
Response: 107113797  
Conc: 45.64 ng/ml



#4 Heptachlor

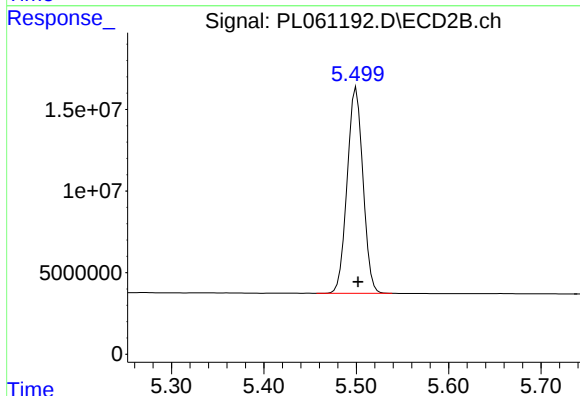
R.T.: 5.194 min  
Delta R.T.: -0.002 min  
Response: 162960066  
Conc: 44.54 ng/ml



#5 Aldrin

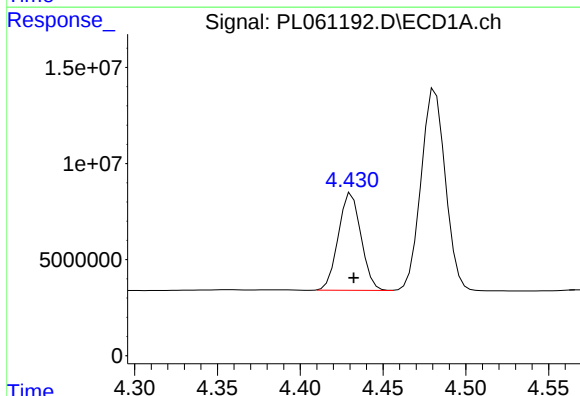
R.T.: 4.730 min  
Delta R.T.: -0.002 min  
Response: 95621375  
Conc: 45.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



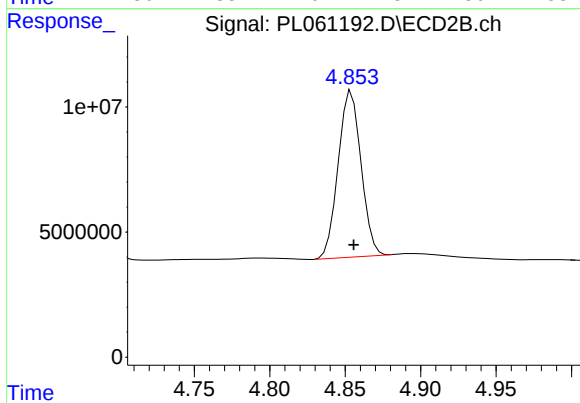
#5 Aldrin

R.T.: 5.500 min  
Delta R.T.: -0.002 min  
Response: 149915391  
Conc: 44.48 ng/ml



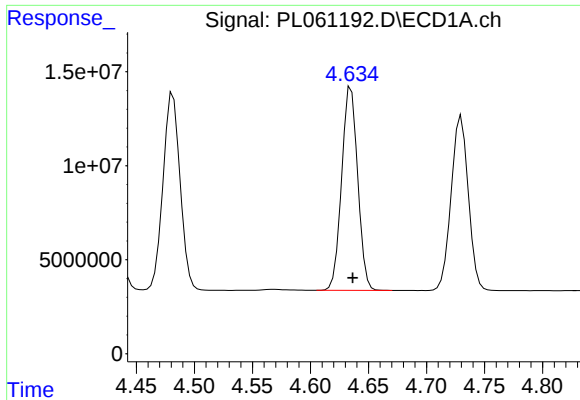
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: -0.001 min  
Response: 48221405  
Conc: 47.21 ng/ml



#6 beta-BHC

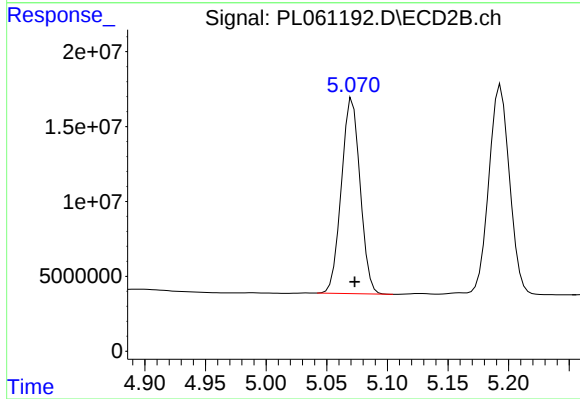
R.T.: 4.854 min  
Delta R.T.: -0.002 min  
Response: 70132702  
Conc: 47.09 ng/ml



#7 delta-BHC

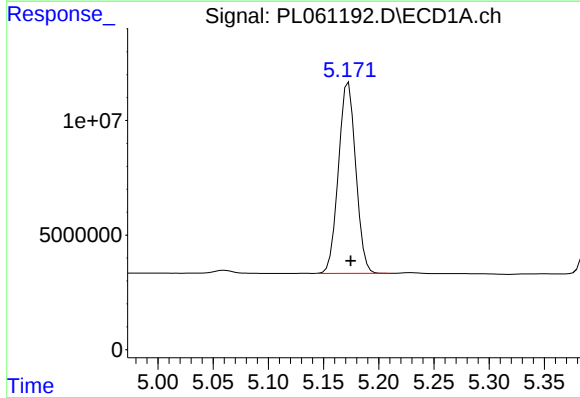
R.T.: 4.635 min  
Delta R.T.: -0.001 min  
Response: 104197536  
Conc: 43.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



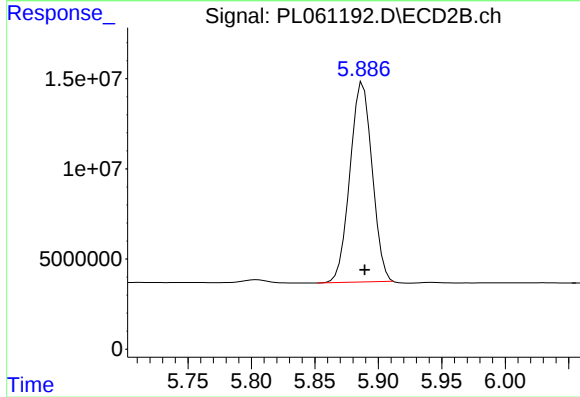
#7 delta-BHC

R.T.: 5.071 min  
Delta R.T.: -0.002 min  
Response: 139824837  
Conc: 50.90 ng/ml



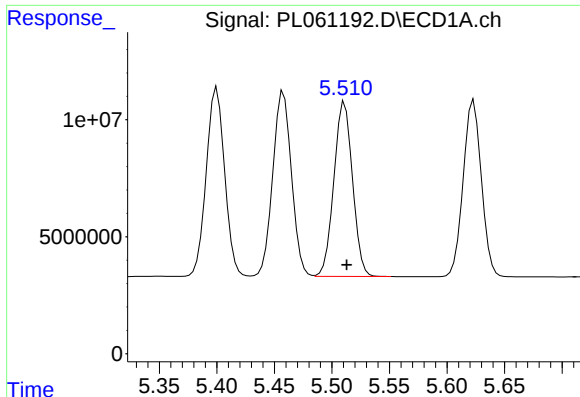
#8 Heptachlor epoxide

R.T.: 5.173 min  
Delta R.T.: -0.002 min  
Response: 91001137  
Conc: 46.16 ng/ml



#8 Heptachlor epoxide

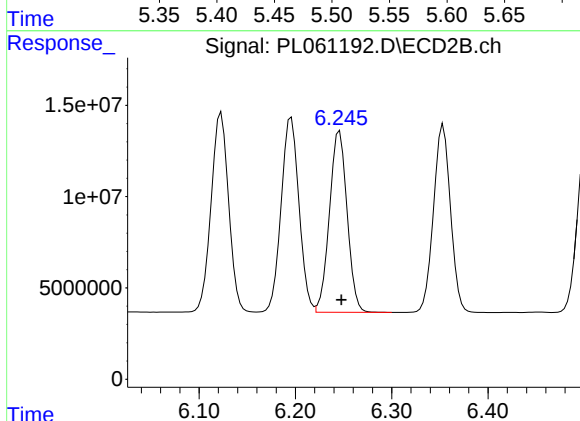
R.T.: 5.888 min  
Delta R.T.: -0.001 min  
Response: 134540080  
Conc: 51.44 ng/ml



#9 Endosulfan I

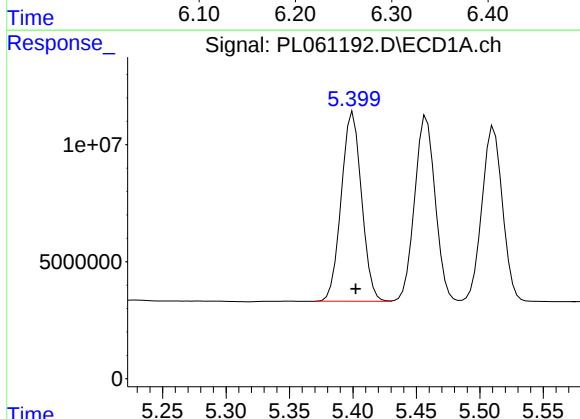
R.T.: 5.511 min  
Delta R.T.: -0.002 min  
Response: 84012160  
Conc: 46.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



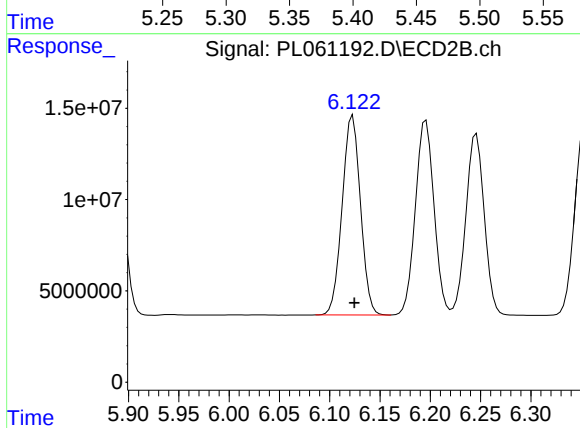
#9 Endosulfan I

R.T.: 6.246 min  
Delta R.T.: -0.002 min  
Response: 126958006  
Conc: 44.16 ng/ml



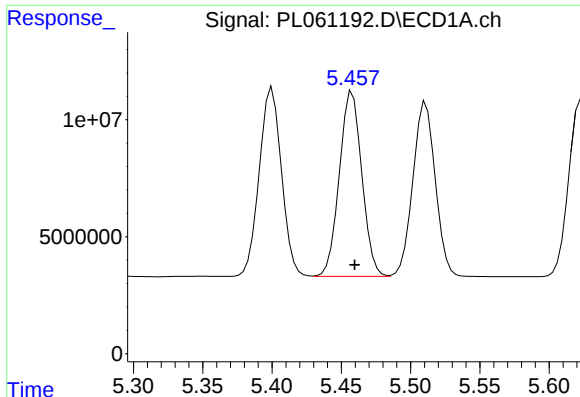
#10 gamma-Chlordane

R.T.: 5.400 min  
Delta R.T.: -0.002 min  
Response: 89934038  
Conc: 45.77 ng/ml



#10 gamma-Chlordane

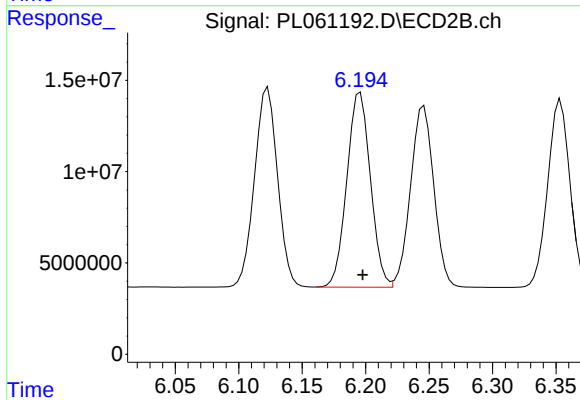
R.T.: 6.123 min  
Delta R.T.: -0.002 min  
Response: 138295073  
Conc: 44.53 ng/ml



#11 alpha-Chlordane

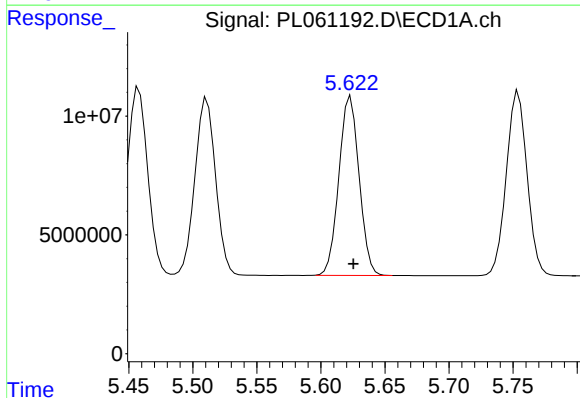
R.T.: 5.458 min  
Delta R.T.: -0.002 min  
Response: 89396253  
Conc: 45.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



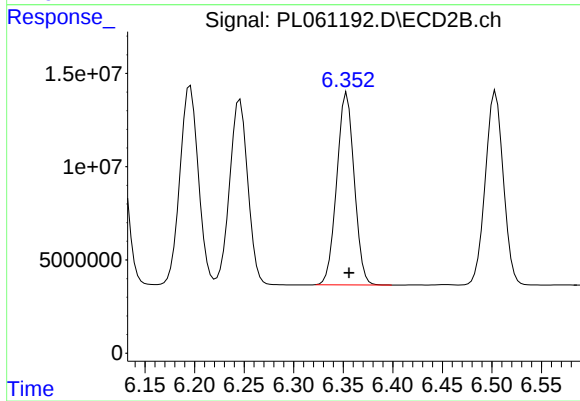
#11 alpha-Chlordane

R.T.: 6.196 min  
Delta R.T.: -0.002 min  
Response: 137827310  
Conc: 44.33 ng/ml



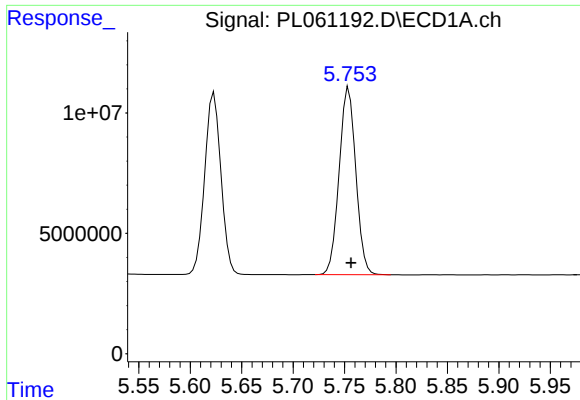
#12 4,4'-DDE

R.T.: 5.623 min  
Delta R.T.: -0.002 min  
Response: 82782465  
Conc: 44.99 ng/ml



#12 4,4'-DDE

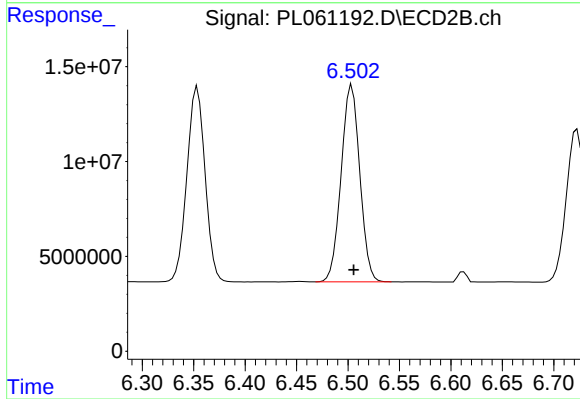
R.T.: 6.354 min  
Delta R.T.: -0.002 min  
Response: 126136485  
Conc: 43.64 ng/ml



#13 Dieldrin

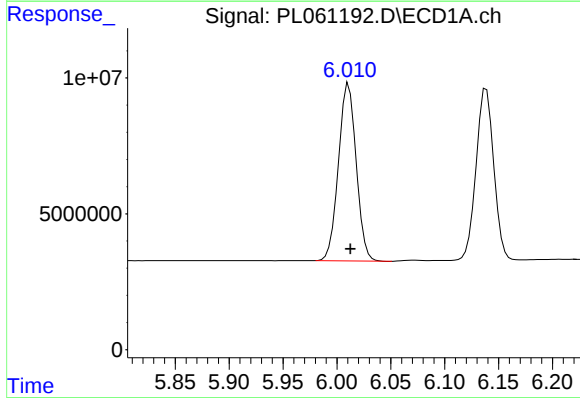
R.T.: 5.754 min  
Delta R.T.: -0.002 min  
Response: 87789955  
Conc: 45.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



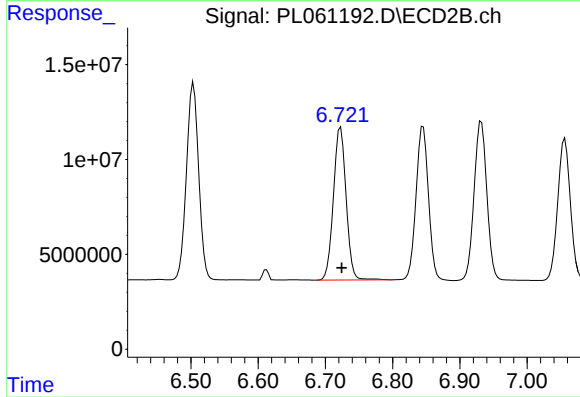
#13 Dieldrin

R.T.: 6.504 min  
Delta R.T.: -0.002 min  
Response: 131120268  
Conc: 43.91 ng/ml



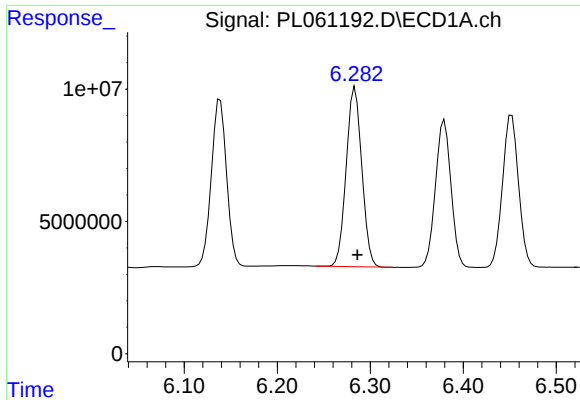
#14 Endrin

R.T.: 6.011 min  
Delta R.T.: -0.002 min  
Response: 74854084  
Conc: 41.16 ng/ml



#14 Endrin

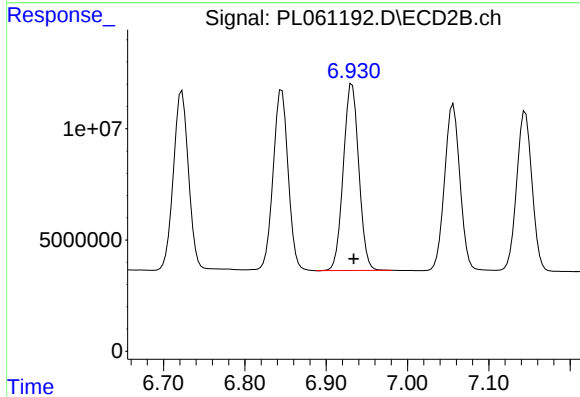
R.T.: 6.723 min  
Delta R.T.: -0.002 min  
Response: 104674049  
Conc: 41.21 ng/ml



#15 Endosulfan II

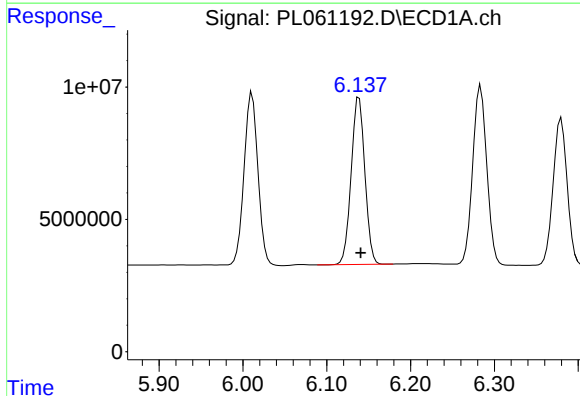
R.T.: 6.284 min  
Delta R.T.: -0.002 min  
Response: 79017992  
Conc: 44.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



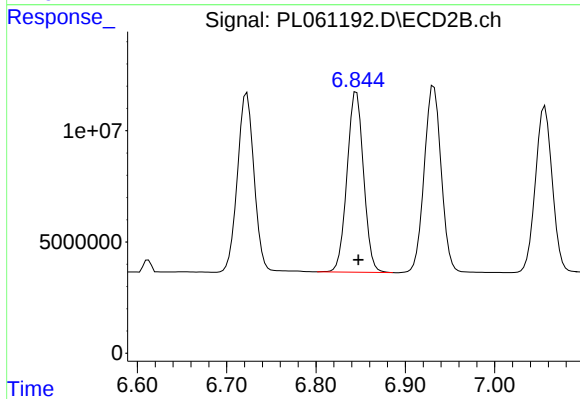
#15 Endosulfan II

R.T.: 6.932 min  
Delta R.T.: -0.002 min  
Response: 110887339  
Conc: 43.11 ng/ml



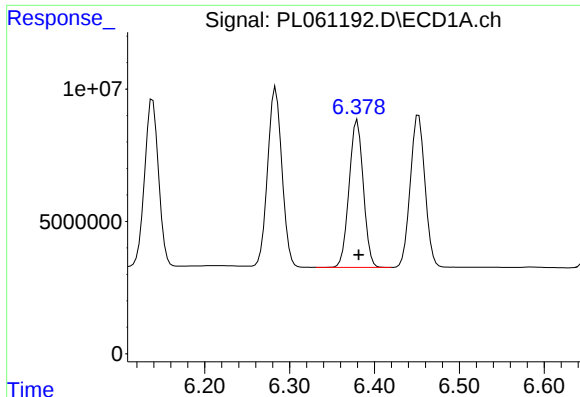
#16 4,4'-DDD

R.T.: 6.139 min  
Delta R.T.: -0.002 min  
Response: 71889575  
Conc: 45.47 ng/ml



#16 4,4'-DDD

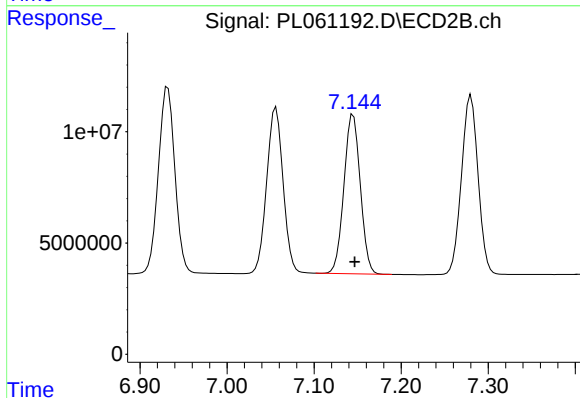
R.T.: 6.845 min  
Delta R.T.: -0.002 min  
Response: 104265832  
Conc: 44.65 ng/ml



#17 4,4'-DDT

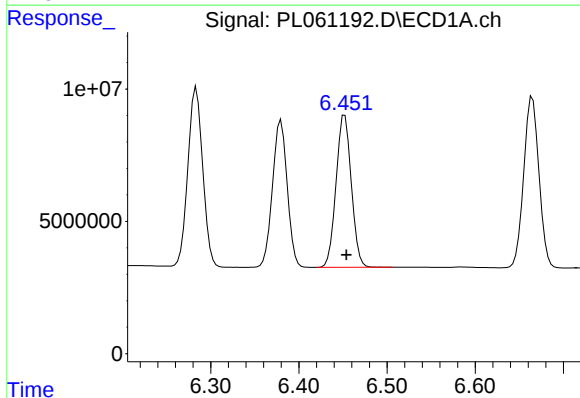
R.T.: 6.380 min  
Delta R.T.: -0.002 min  
Response: 64744956  
Conc: 42.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



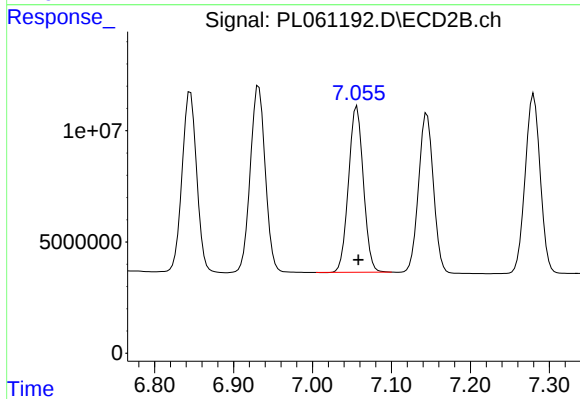
#17 4,4'-DDT

R.T.: 7.145 min  
Delta R.T.: -0.002 min  
Response: 93443210  
Conc: 40.57 ng/ml



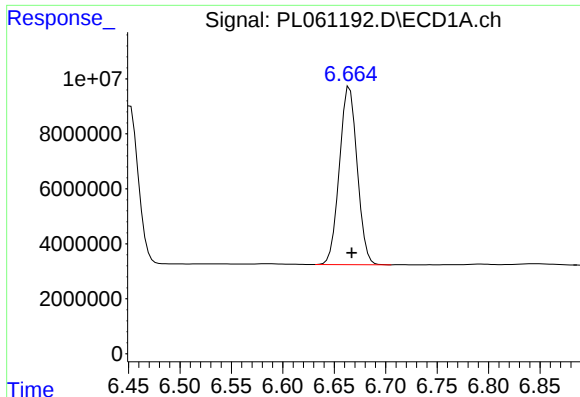
#18 Endrin aldehyde

R.T.: 6.452 min  
Delta R.T.: -0.002 min  
Response: 69191242  
Conc: 45.69 ng/ml



#18 Endrin aldehyde

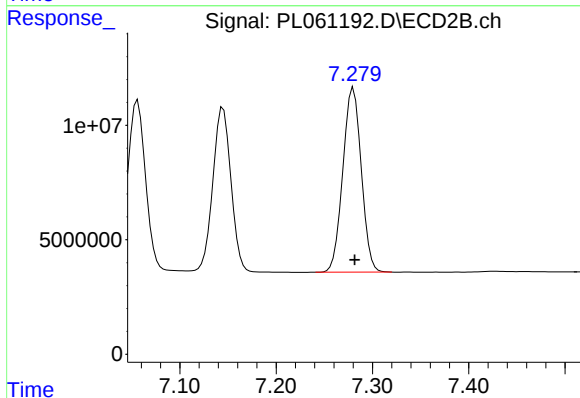
R.T.: 7.056 min  
Delta R.T.: -0.002 min  
Response: 97597260  
Conc: 44.74 ng/ml



#19 Endosulfan Sulfate

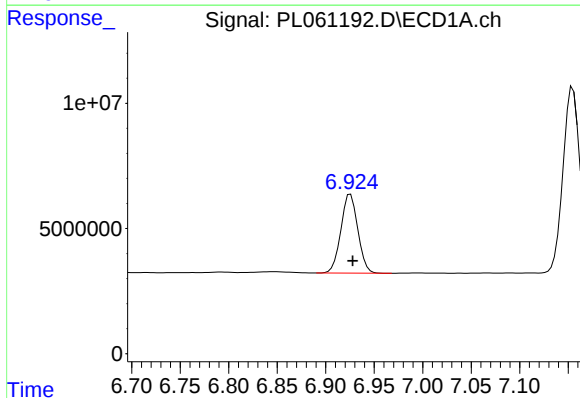
R.T.: 6.665 min  
Delta R.T.: -0.002 min  
Response: 77818708  
Conc: 45.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



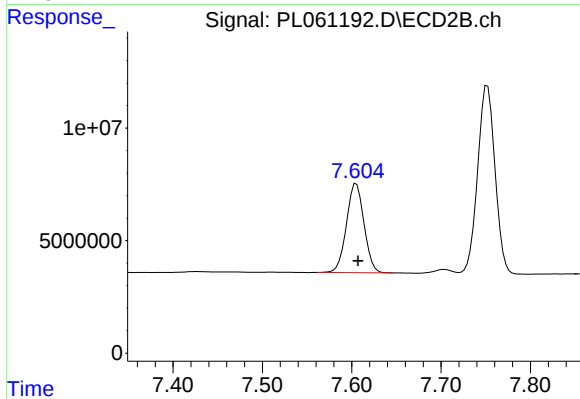
#19 Endosulfan Sulfate

R.T.: 7.280 min  
Delta R.T.: -0.001 min  
Response: 106916498  
Conc: 44.11 ng/ml



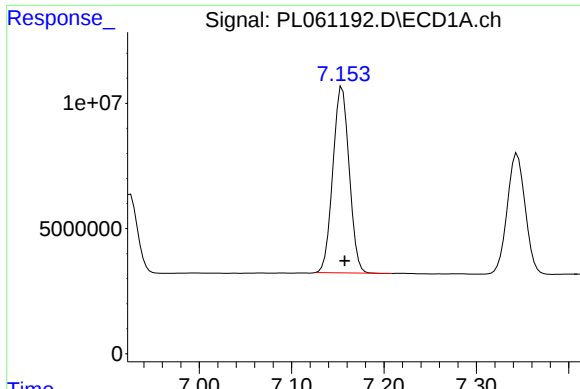
#20 Methoxychlor

R.T.: 6.926 min  
Delta R.T.: -0.002 min  
Response: 38249454  
Conc: 42.61 ng/ml



#20 Methoxychlor

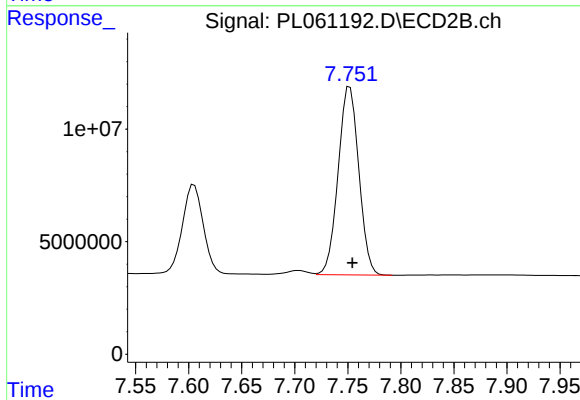
R.T.: 7.605 min  
Delta R.T.: -0.002 min  
Response: 54047558  
Conc: 41.81 ng/ml



#21 Endrin ketone

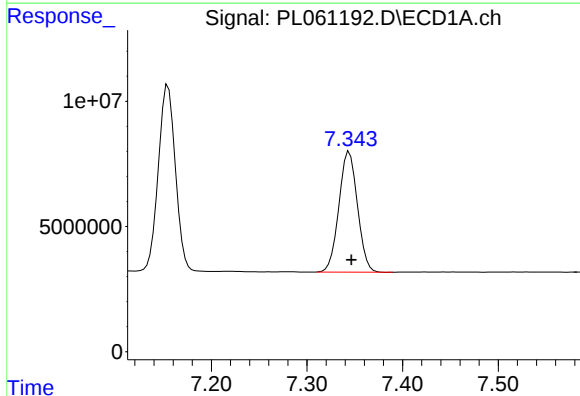
R.T.: 7.155 min  
Delta R.T.: -0.003 min  
Response: 91241059  
Conc: 47.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



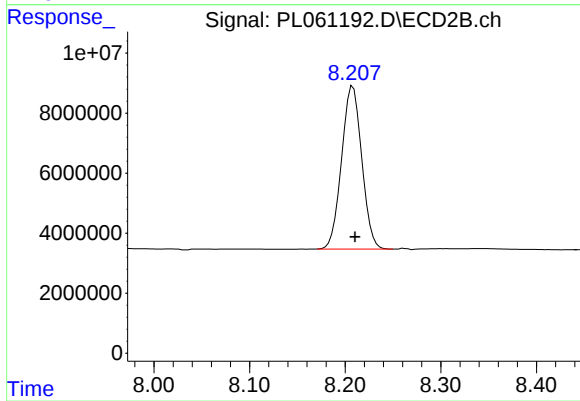
#21 Endrin ketone

R.T.: 7.752 min  
Delta R.T.: -0.002 min  
Response: 113061876  
Conc: 45.42 ng/ml



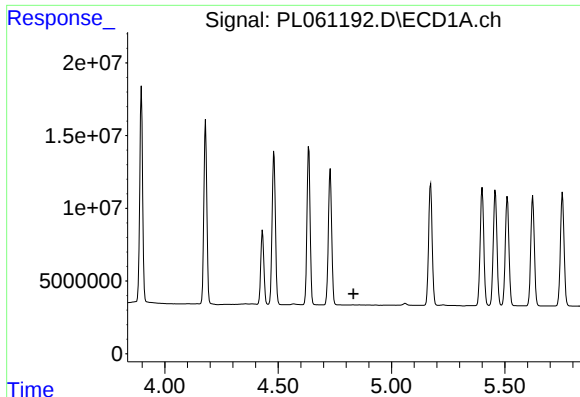
#22 Mirex

R.T.: 7.344 min  
Delta R.T.: -0.002 min  
Response: 65023084  
Conc: 45.65 ng/ml



#22 Mirex

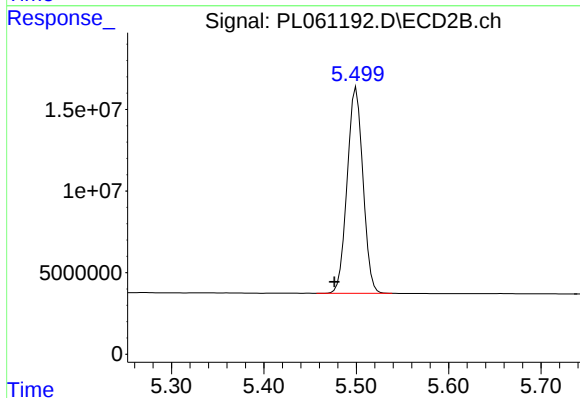
R.T.: 8.208 min  
Delta R.T.: -0.002 min  
Response: 79851823  
Conc: 45.89 ng/ml



#24 Chlordane-2

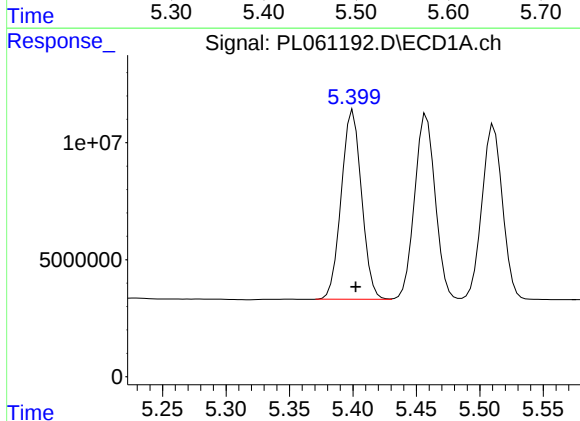
R.T.: 0.000 min  
Exp R.T.: 4.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



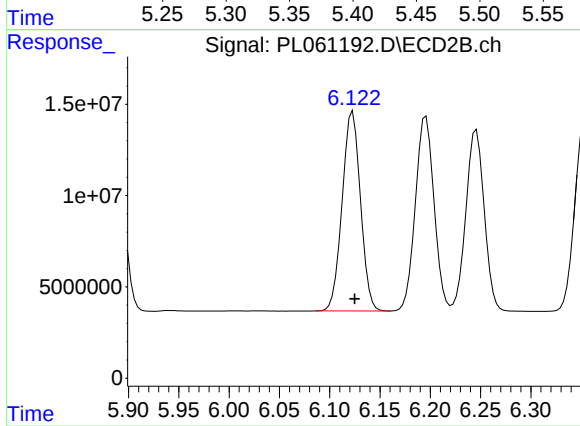
#24 Chlordane-2

R.T.: 5.500 min  
Delta R.T.: 0.024 min  
Response: 149915391  
Conc: 1456.75 ng/ml



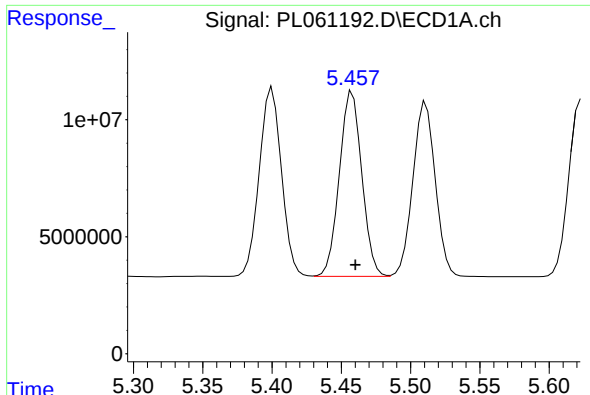
#25 Chlordane-3

R.T.: 5.400 min  
Delta R.T.: -0.002 min  
Response: 89934038  
Conc: 498.30 ng/ml



#25 Chlordane-3

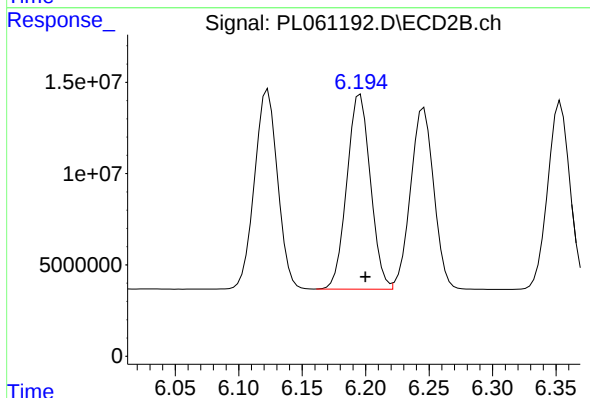
R.T.: 6.123 min  
Delta R.T.: -0.002 min  
Response: 138295073  
Conc: 346.01 ng/ml



#26 Chlordane-4

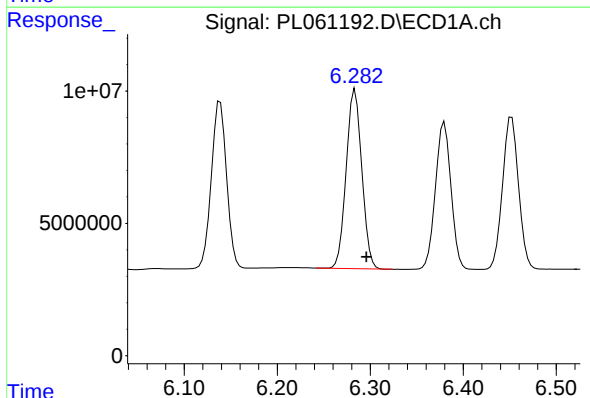
R.T.: 5.458 min  
Delta R.T.: -0.002 min  
Response: 89396253  
Conc: 601.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



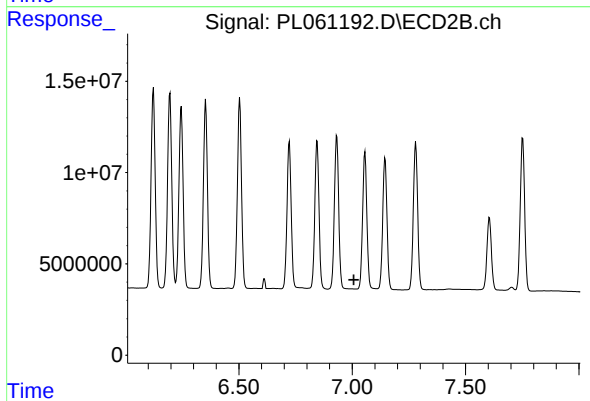
#26 Chlordane-4

R.T.: 6.196 min  
Delta R.T.: -0.004 min  
Response: 137827310  
Conc: 286.71 ng/ml



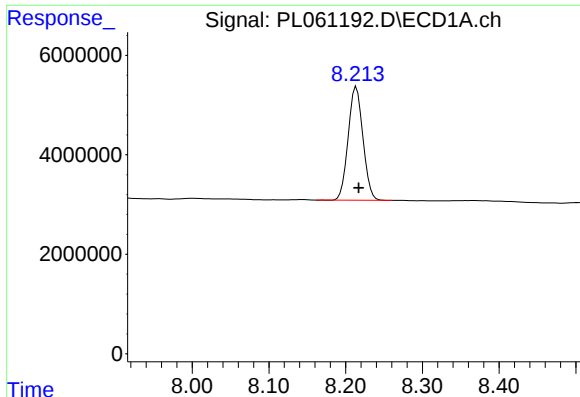
#27 Chlordane-5

R.T.: 6.284 min  
Delta R.T.: -0.012 min  
Response: 79017992  
Conc: 1262.76 ng/ml



#27 Chlordane-5

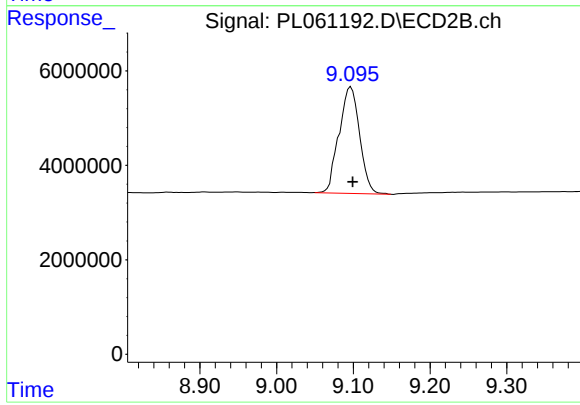
R.T.: 0.000 min  
Exp R.T.: 7.007 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.214 min  
Delta R.T.: -0.003 min  
Response: 30765876  
Conc: 18.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.097 min  
Delta R.T.: -0.002 min  
Response: 42220365  
Conc: 20.01 ng/ml