

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082520\  
 Data File : PL060974.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Aug 2020 20:45  
 Operator : DD\AJ  
 Sample : L3785-01MS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 26 02:27:55 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... | 3.462  | 4.010  | 38460154 | 52482773 | 20.841   | 20.193     |
| 28)                         | SA Decachlor... | 8.215  | 9.100  | 35055007 | 38725555 | 20.809   | 18.353     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.899  | 4.400  | 142.5E6  | 233.2E6  | 50.407   | 57.416     |
| 3)                          | MA gamma-BHC... | 4.182  | 4.686  | 132.0E6  | 211.4E6  | 51.697   | 56.213     |
| 4)                          | MA Heptachlor   | 4.484  | 5.196  | 118.7E6  | 185.4E6  | 50.571   | 50.662     |
| 5)                          | MB Aldrin       | 4.732  | 5.503  | 102.5E6  | 173.9E6  | 49.130   | 51.596     |
| 6)                          | B beta-BHC      | 4.433  | 4.857  | 50266772 | 67578380 | 49.209   | 45.376     |
| 7)                          | B delta-BHC     | 4.637  | 5.074  | 122.8E6  | 128.8E6  | 51.664   | 46.879     |
| 8)                          | B Heptachlo...  | 5.174  | 5.890  | 101.5E6  | 123.9E6  | 51.504   | 47.374     |
| 9)                          | A Endosulfan I  | 5.533f | 6.248  | 170.4E6  | 152.8E6  | 93.783   | 53.153 #   |
| 10)                         | B gamma-Chl...  | 5.402  | 6.125  | 126.4E6  | 186.5E6  | 64.320   | 60.046     |
| 11)                         | B alpha-Chl...  | 5.460  | 6.198  | 122.5E6  | 192.0E6  | 62.781   | 61.749     |
| 12)                         | B 4,4'-DDE      | 5.625  | 6.355  | 124.3E6  | 157.2E6  | 67.578   | 54.385     |
| 13)                         | MA Dieldrin     | 5.757  | 6.506  | 102.9E6  | 146.8E6  | 53.460   | 49.158     |
| 14)                         | MA Endrin       | 6.013  | 6.724  | 108.8E6  | 146.9E6  | 59.835   | 57.844     |
| 15)                         | B Endosulfa...  | 6.286  | 6.934  | 91632443 | 134.3E6  | 51.335   | 52.201     |
| 16)                         | A 4,4'-DDD      | 6.141  | 6.847  | 67154662 | 136.0E6  | 42.480   | 58.236 #   |
| 17)                         | MA 4,4'-DDT     | 6.382  | 7.147  | 146.9E6  | 229.1E6  | 97.152   | 99.461     |
| 18)                         | B Endrin al...  | 6.454  | 7.058  | 78485414 | 107.2E6  | 51.832   | 49.130     |
| 19)                         | B Endosulfa...  | 6.667  | 7.282  | 85303624 | 126.2E6  | 49.812   | 52.088     |
| 20)                         | A Methoxychlor  | 6.927  | 7.607  | 43296113 | 68057045 | 48.231   | 52.642     |
| 21)                         | B Endrin ke...  | 7.157  | 7.754  | 88634240 | 139.6E6  | 45.917   | 56.094     |
| 22)                         | Mirex           | 7.347  | 8.210  | 66636987 | 93330495 | 46.787   | 53.637     |
| 23)                         | Chlordane-1     | 4.332  | 5.005  | 8039349  | 7820476  | 131.668  | 64.322 #   |
| 24)                         | Chlordane-2     | 0.000  | 5.503f | 0        | 173.9E6  | N.D.     | 1689.780 # |
| 25)                         | Chlordane-3     | 5.402  | 6.125  | 126.4E6  | 186.5E6  | 700.258  | 466.625 #  |
| 26)                         | Chlordane-4     | 5.460  | 6.198  | 122.5E6  | 192.0E6  | 824.083  | 399.343 #  |
| 27)                         | Chlordane-5     | 6.286  | 0.000  | 91632443 | 0        | 1464.346 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

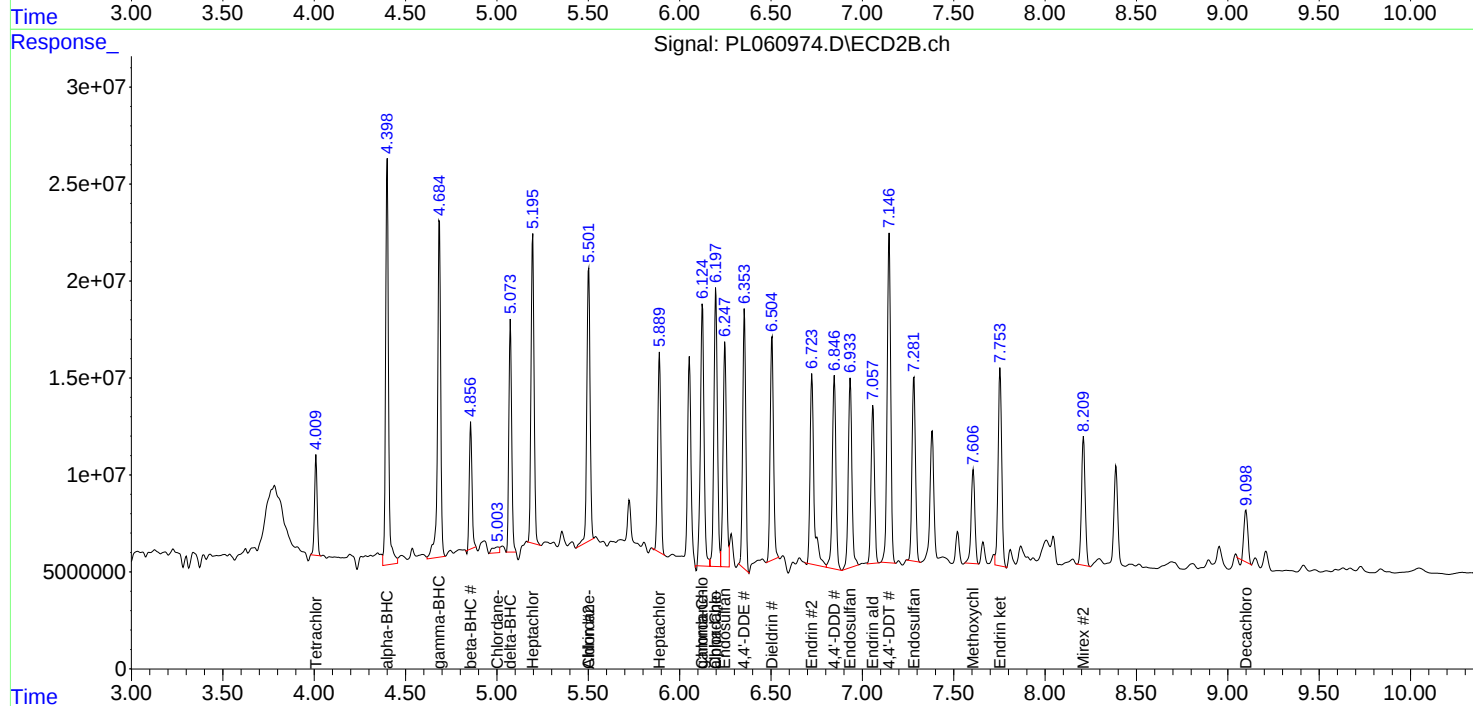
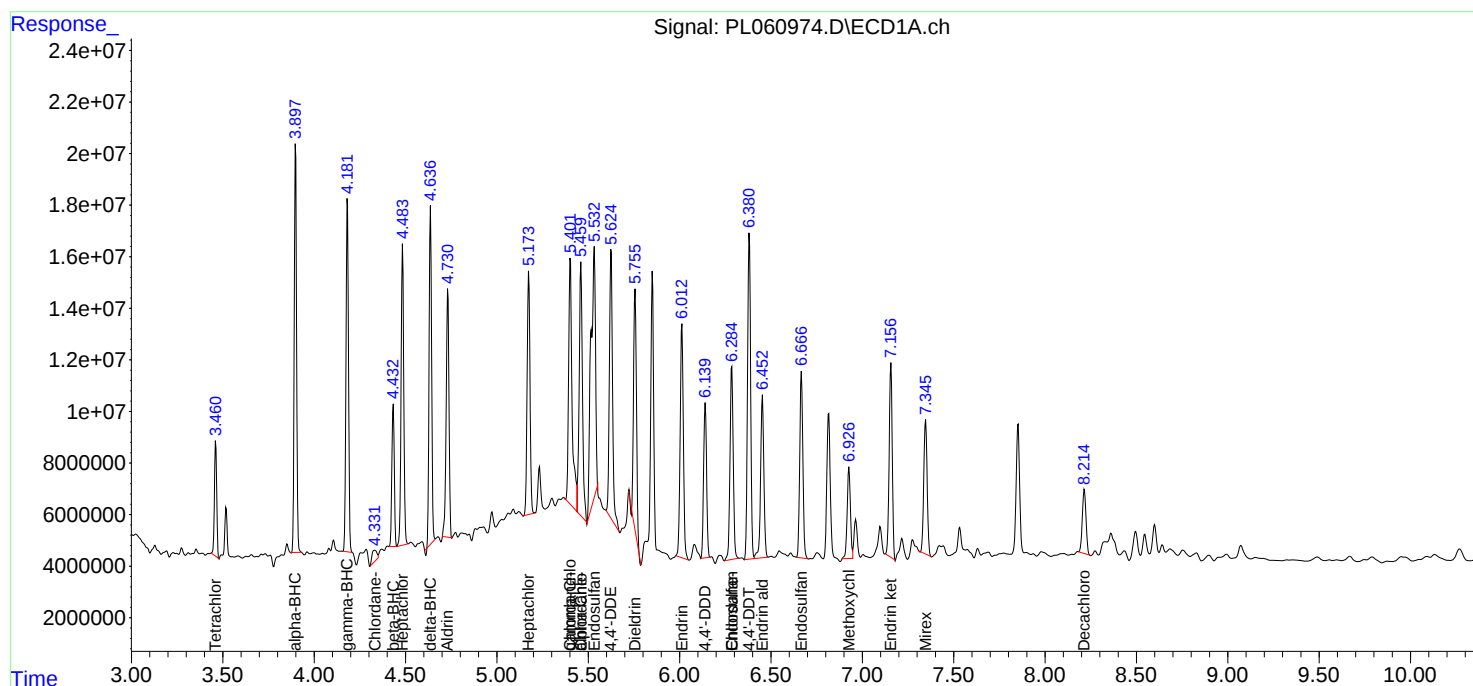
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

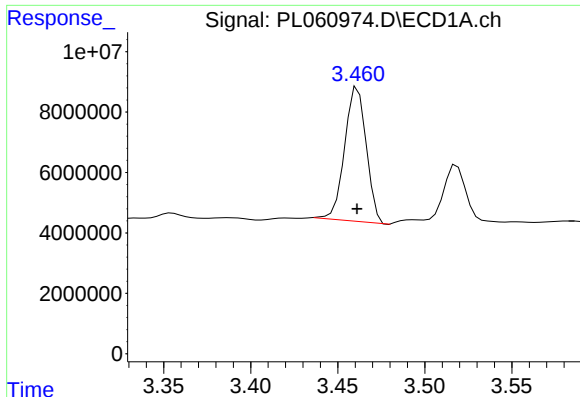
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082520\  
Data File : PL060974.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Aug 2020 20:45  
Operator : DD\AJ  
Sample : L3785-01MS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 26 02:27:55 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

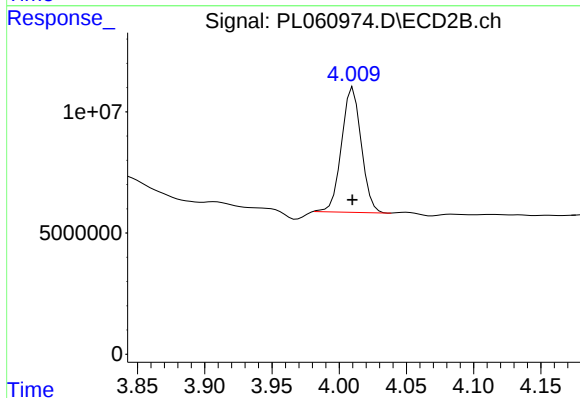




#1 Tetrachloro-m-xylene

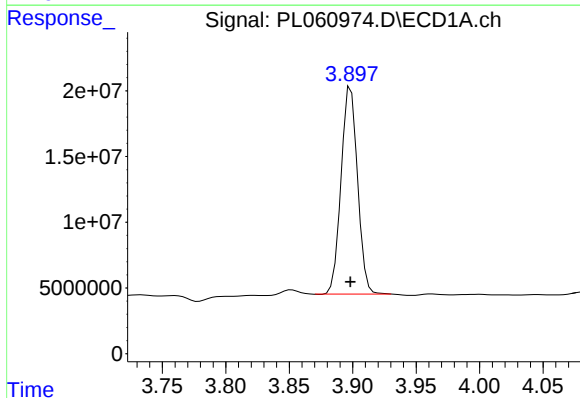
R.T.: 3.462 min  
Delta R.T.: 0.000 min  
Response: 38460154  
Conc: 20.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



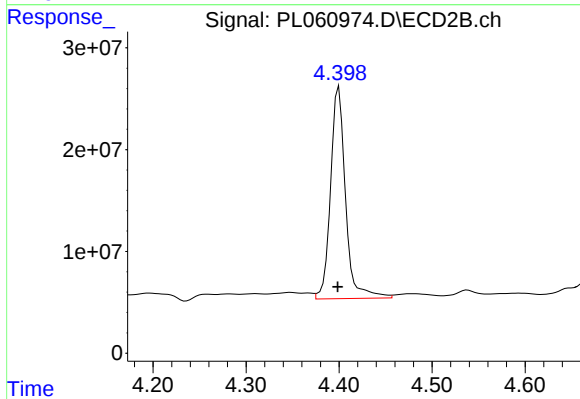
#1 Tetrachloro-m-xylene

R.T.: 4.010 min  
Delta R.T.: 0.000 min  
Response: 52482773  
Conc: 20.19 ng/ml



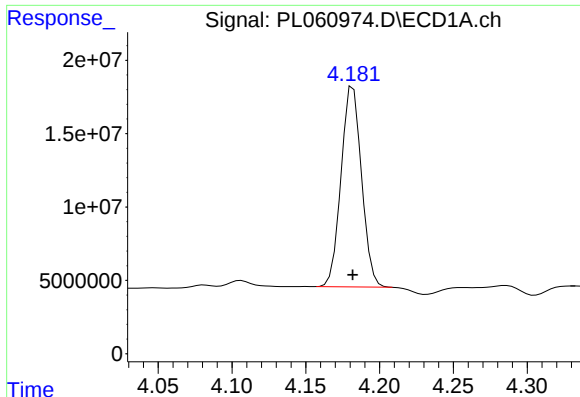
#2 alpha-BHC

R.T.: 3.899 min  
Delta R.T.: 0.000 min  
Response: 142540916  
Conc: 50.41 ng/ml



#2 alpha-BHC

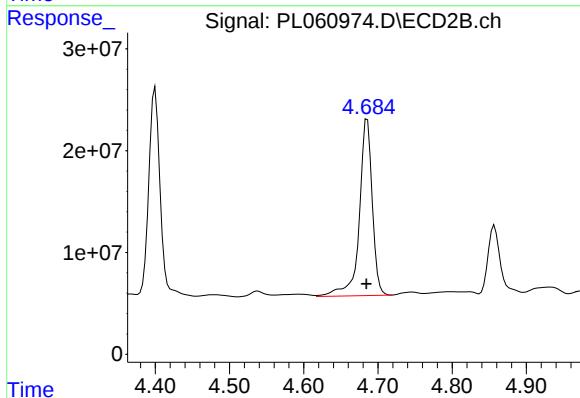
R.T.: 4.400 min  
Delta R.T.: 0.000 min  
Response: 233239552  
Conc: 57.42 ng/ml



#3 gamma-BHC (Lindane)

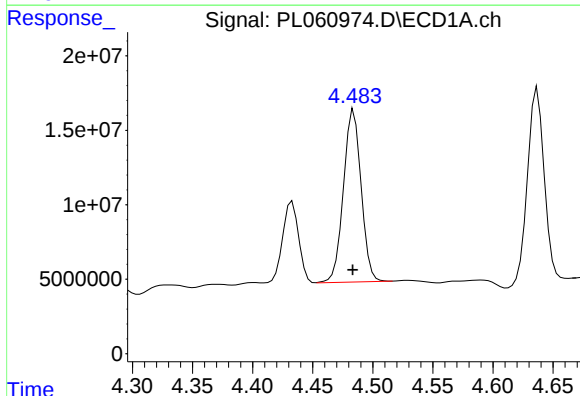
R.T.: 4.182 min  
Delta R.T.: 0.000 min  
Response: 131977821  
Conc: 51.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



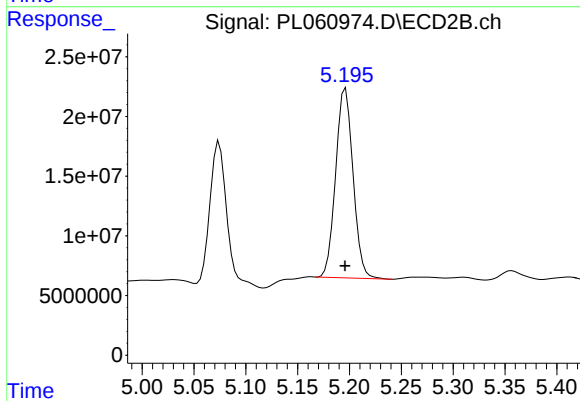
#3 gamma-BHC (Lindane)

R.T.: 4.686 min  
Delta R.T.: 0.000 min  
Response: 211436273  
Conc: 56.21 ng/ml



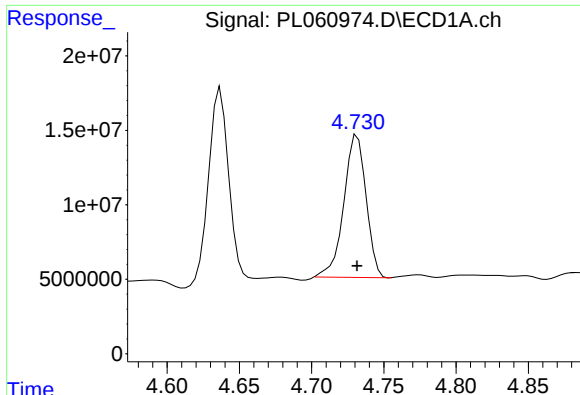
#4 Heptachlor

R.T.: 4.484 min  
Delta R.T.: 0.001 min  
Response: 118686032  
Conc: 50.57 ng/ml



#4 Heptachlor

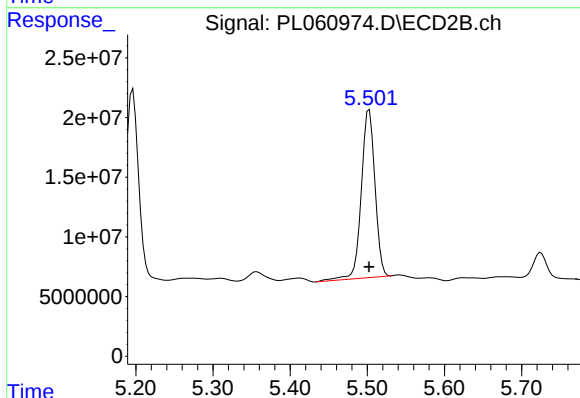
R.T.: 5.196 min  
Delta R.T.: 0.000 min  
Response: 185376953  
Conc: 50.66 ng/ml



#5 Aldrin

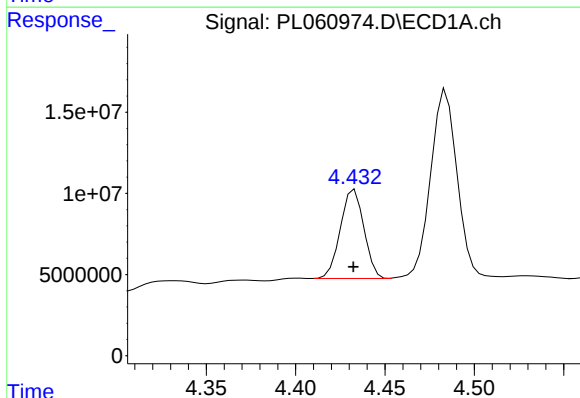
R.T.: 4.732 min  
Delta R.T.: 0.000 min  
Response: 102514918  
Conc: 49.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



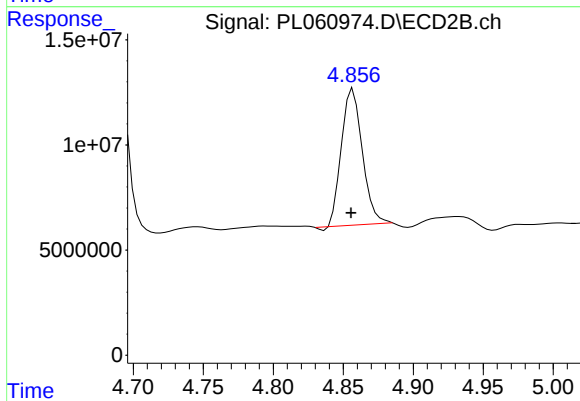
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: 0.000 min  
Response: 173896950  
Conc: 51.60 ng/ml



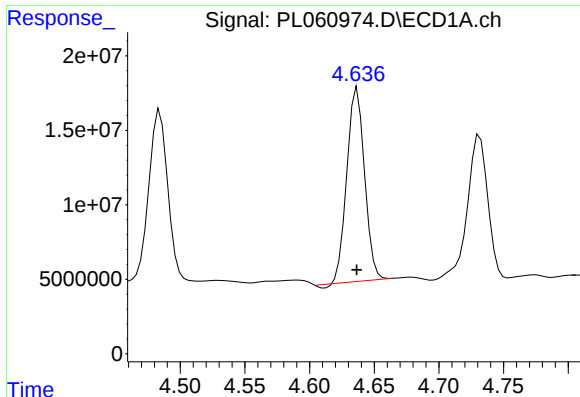
#6 beta-BHC

R.T.: 4.433 min  
Delta R.T.: 0.000 min  
Response: 50266772  
Conc: 49.21 ng/ml



#6 beta-BHC

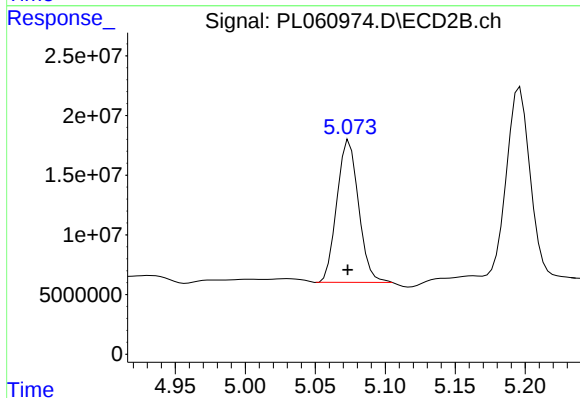
R.T.: 4.857 min  
Delta R.T.: 0.001 min  
Response: 67578380  
Conc: 45.38 ng/ml



#7 delta-BHC

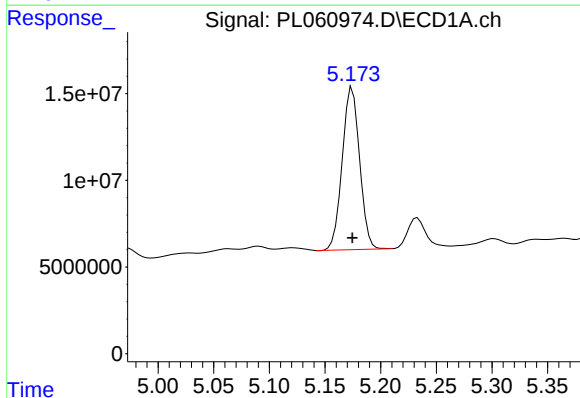
R.T.: 4.637 min  
Delta R.T.: 0.000 min  
Response: 122762616  
Conc: 51.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



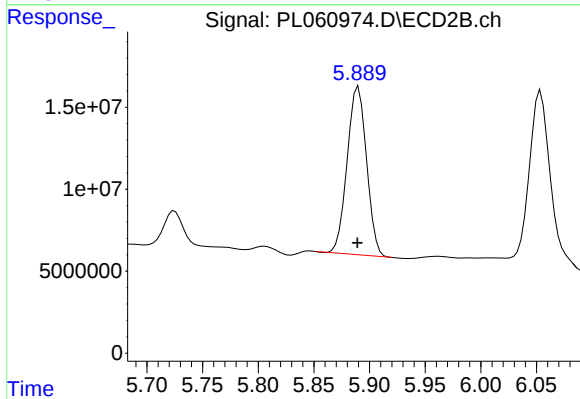
#7 delta-BHC

R.T.: 5.074 min  
Delta R.T.: 0.001 min  
Response: 128768799  
Conc: 46.88 ng/ml



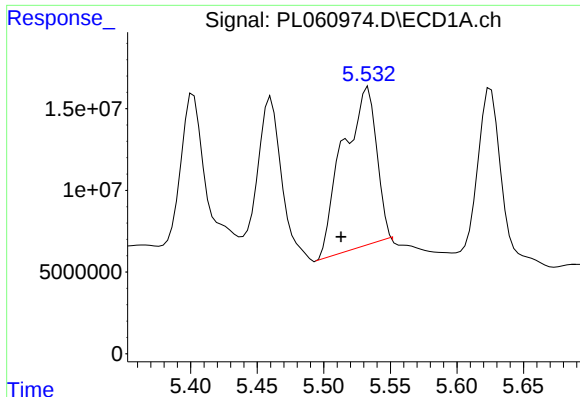
#8 Heptachlor epoxide

R.T.: 5.174 min  
Delta R.T.: 0.000 min  
Response: 101543478  
Conc: 51.50 ng/ml



#8 Heptachlor epoxide

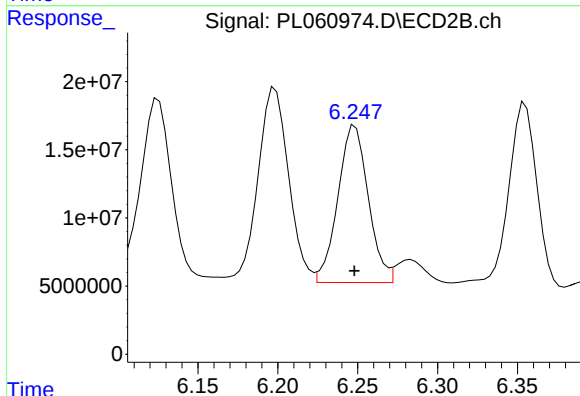
R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 123916012  
Conc: 47.37 ng/ml



#9 Endosulfan I

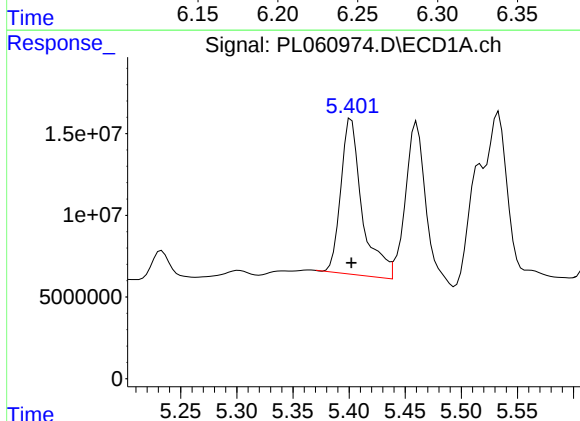
R.T.: 5.533 min  
Delta R.T.: 0.020 min  
Response: 170416293  
Conc: 93.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



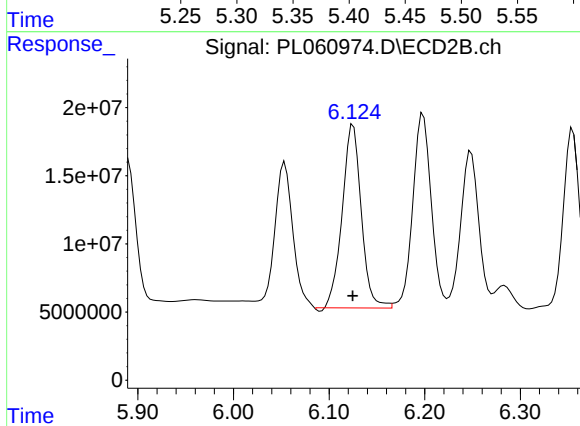
#9 Endosulfan I

R.T.: 6.248 min  
Delta R.T.: 0.000 min  
Response: 152818086  
Conc: 53.15 ng/ml



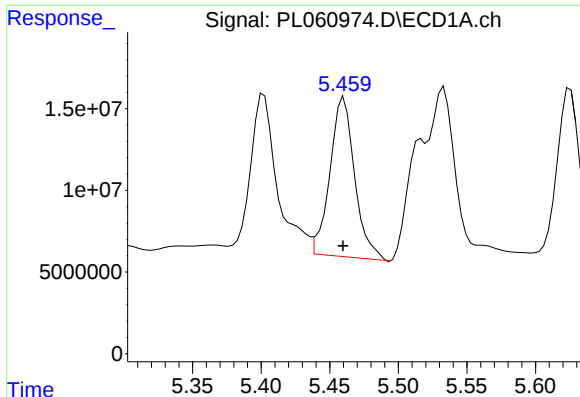
#10 gamma-Chlordane

R.T.: 5.402 min  
Delta R.T.: 0.000 min  
Response: 126384421  
Conc: 64.32 ng/ml



#10 gamma-Chlordane

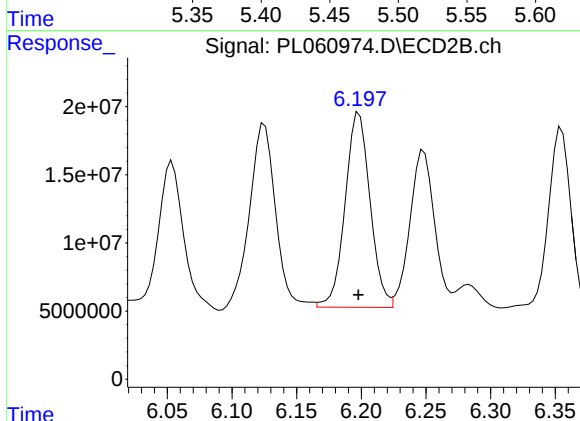
R.T.: 6.125 min  
Delta R.T.: 0.000 min  
Response: 186501568  
Conc: 60.05 ng/ml



#11 alpha-Chlordane

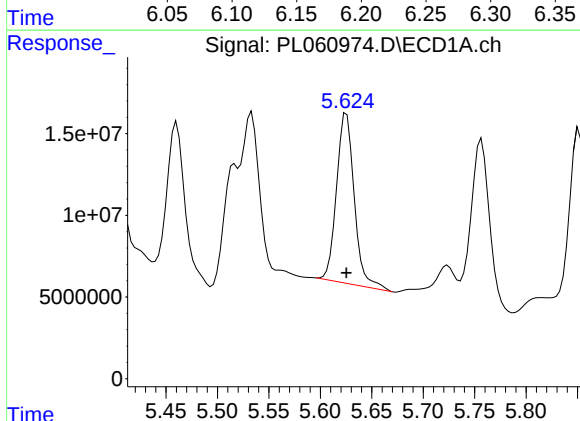
R.T.: 5.460 min  
Delta R.T.: 0.000 min  
Response: 122529607  
Conc: 62.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



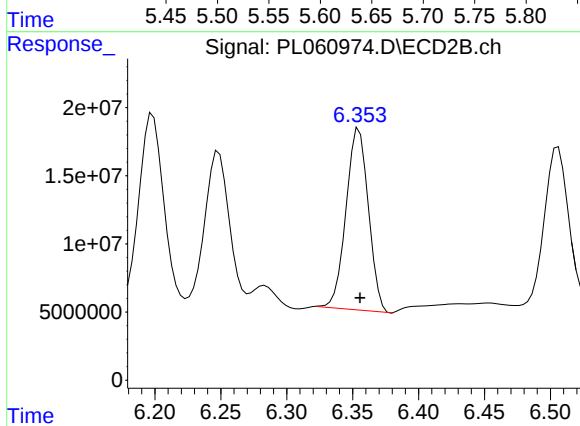
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 191975004  
Conc: 61.75 ng/ml



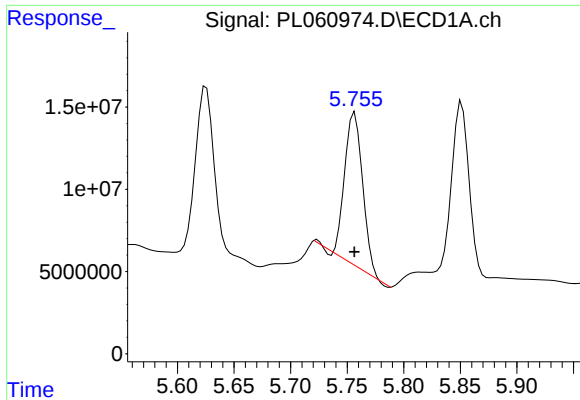
#12 4,4'-DDE

R.T.: 5.625 min  
Delta R.T.: 0.000 min  
Response: 124344771  
Conc: 67.58 ng/ml



#12 4,4'-DDE

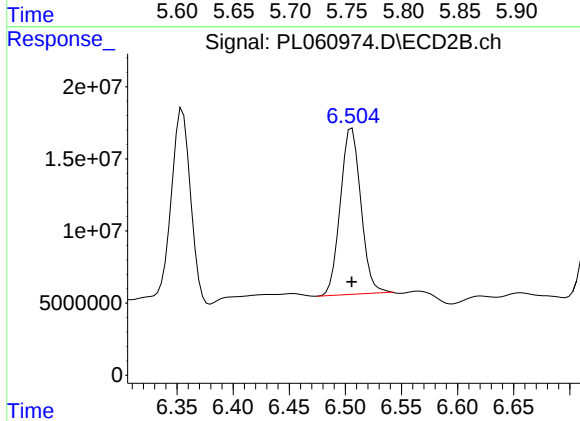
R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 157185885  
Conc: 54.39 ng/ml



#13 Dieldrin

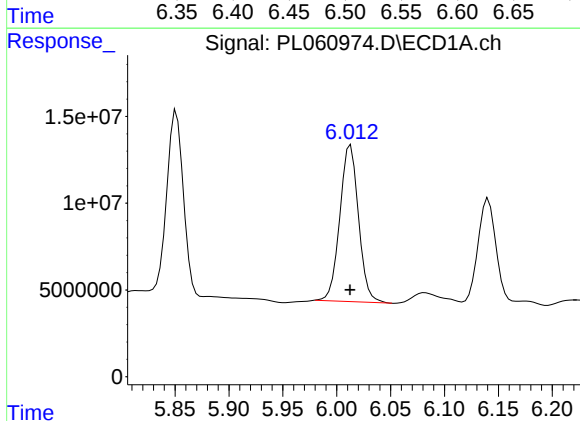
R.T.: 5.757 min  
Delta R.T.: 0.000 min  
Response: 102883054  
Conc: 53.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



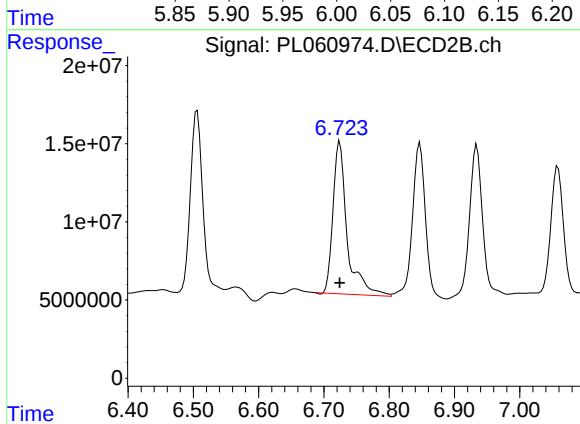
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 146804158  
Conc: 49.16 ng/ml



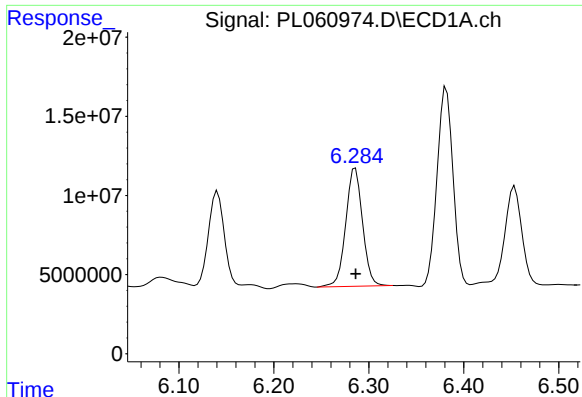
#14 Endrin

R.T.: 6.013 min  
Delta R.T.: 0.000 min  
Response: 108817021  
Conc: 59.84 ng/ml



#14 Endrin

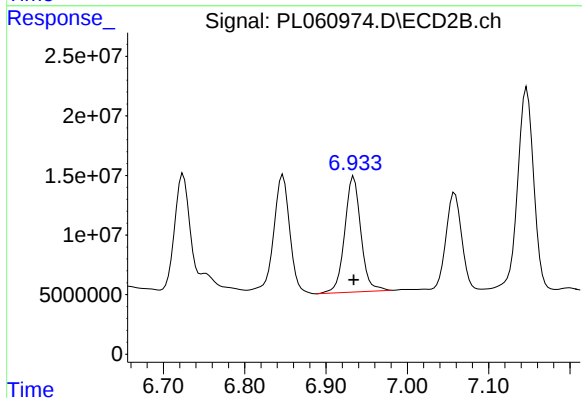
R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 146915314  
Conc: 57.84 ng/ml



#15 Endosulfan II

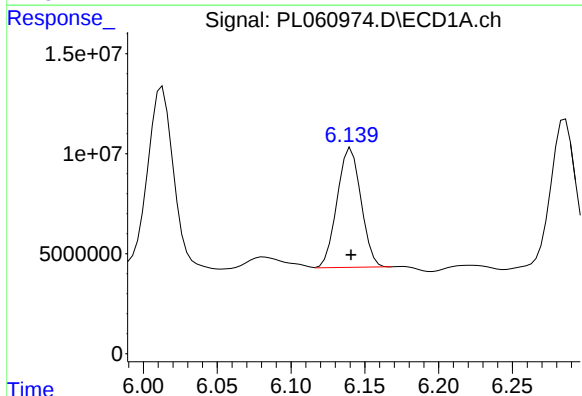
R.T.: 6.286 min  
Delta R.T.: 0.000 min  
Response: 91632443  
Conc: 51.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



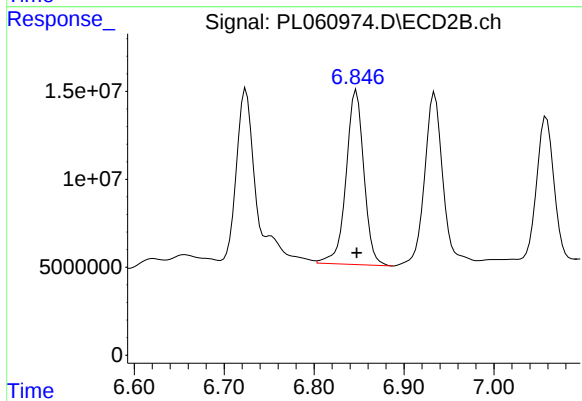
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: 0.000 min  
Response: 134283955  
Conc: 52.20 ng/ml



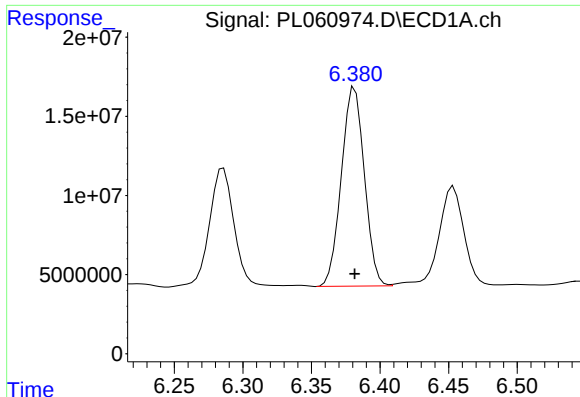
#16 4,4'-DDD

R.T.: 6.141 min  
Delta R.T.: 0.000 min  
Response: 67154662  
Conc: 42.48 ng/ml



#16 4,4'-DDD

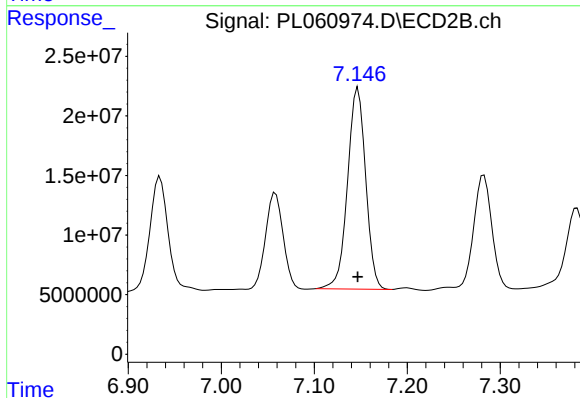
R.T.: 6.847 min  
Delta R.T.: 0.000 min  
Response: 136000425  
Conc: 58.24 ng/ml



#17 4,4'-DDT

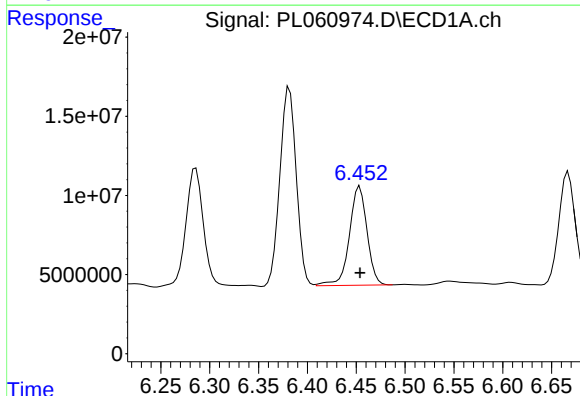
R.T.: 6.382 min  
Delta R.T.: 0.000 min  
Response: 146854959  
Conc: 97.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



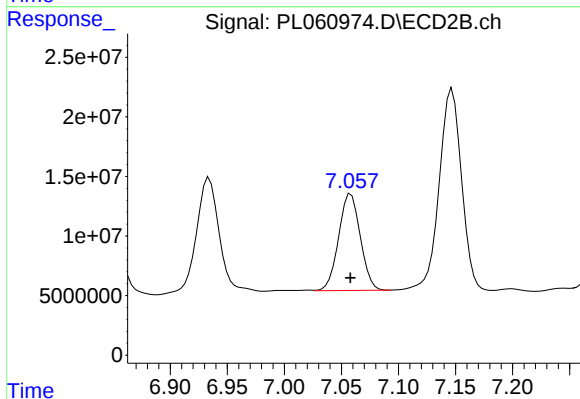
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: 0.000 min  
Response: 229058043  
Conc: 99.46 ng/ml



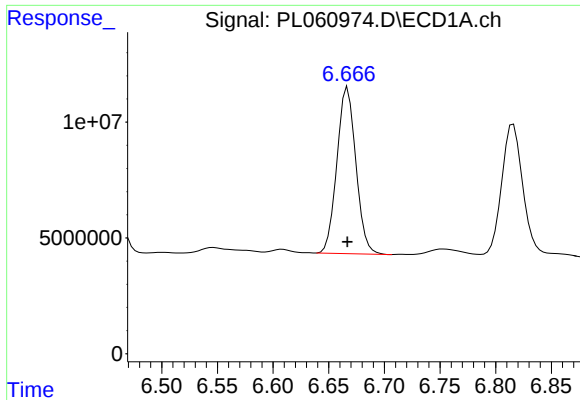
#18 Endrin aldehyde

R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 78485414  
Conc: 51.83 ng/ml



#18 Endrin aldehyde

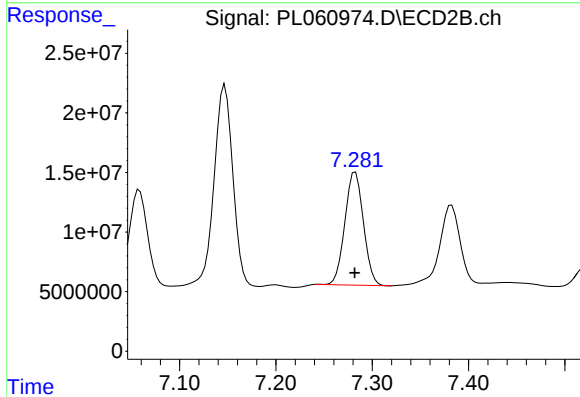
R.T.: 7.058 min  
Delta R.T.: 0.000 min  
Response: 107181993  
Conc: 49.13 ng/ml



#19 Endosulfan Sulfate

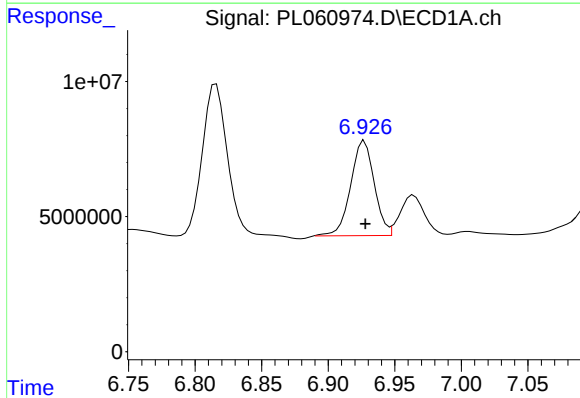
R.T.: 6.667 min  
Delta R.T.: 0.000 min  
Response: 85303624  
Conc: 49.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



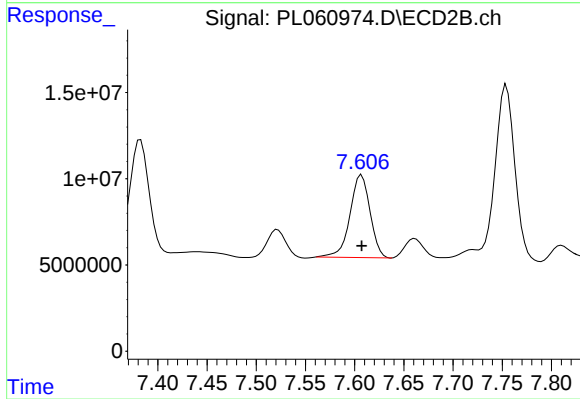
#19 Endosulfan Sulfate

R.T.: 7.282 min  
Delta R.T.: 0.000 min  
Response: 126244523  
Conc: 52.09 ng/ml



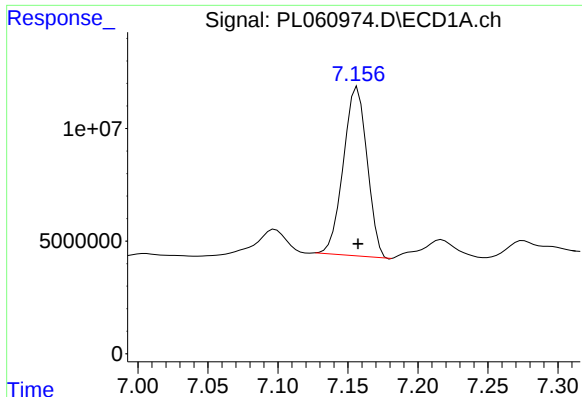
#20 Methoxychlor

R.T.: 6.927 min  
Delta R.T.: 0.000 min  
Response: 43296113  
Conc: 48.23 ng/ml



#20 Methoxychlor

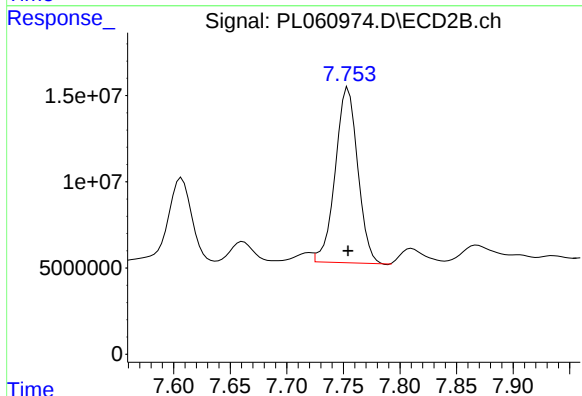
R.T.: 7.607 min  
Delta R.T.: 0.000 min  
Response: 68057045  
Conc: 52.64 ng/ml



#21 Endrin ketone

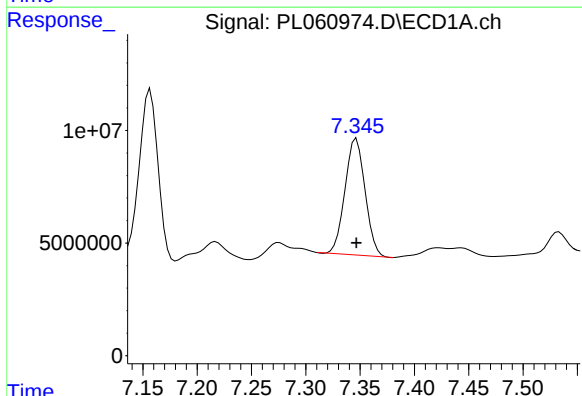
R.T.: 7.157 min  
Delta R.T.: 0.000 min  
Response: 88634240  
Conc: 45.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



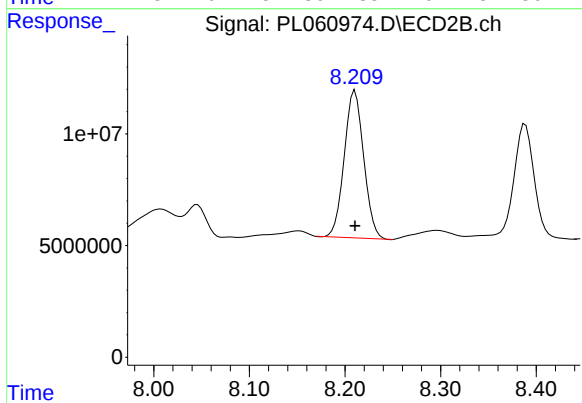
#21 Endrin ketone

R.T.: 7.754 min  
Delta R.T.: 0.000 min  
Response: 139616350  
Conc: 56.09 ng/ml



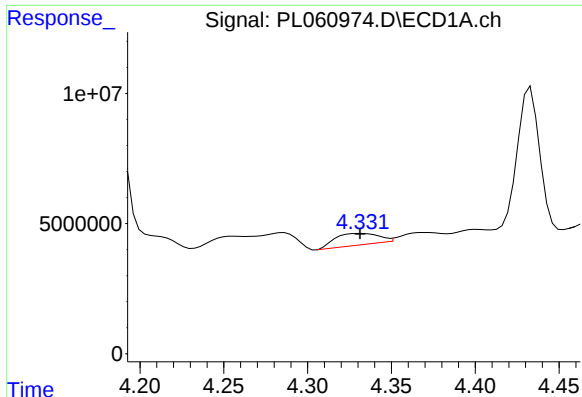
#22 Mirex

R.T.: 7.347 min  
Delta R.T.: 0.000 min  
Response: 66636987  
Conc: 46.79 ng/ml



#22 Mirex

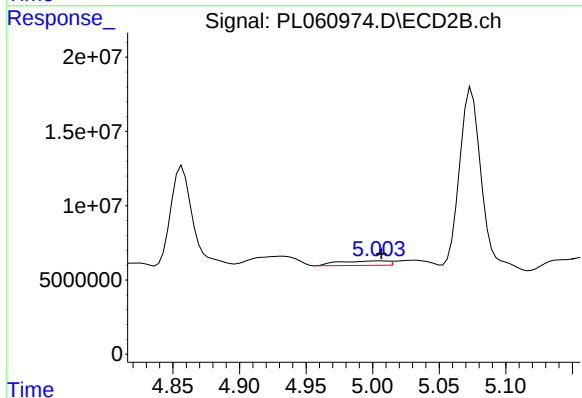
R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 93330495  
Conc: 53.64 ng/ml



#23 Chlordane-1

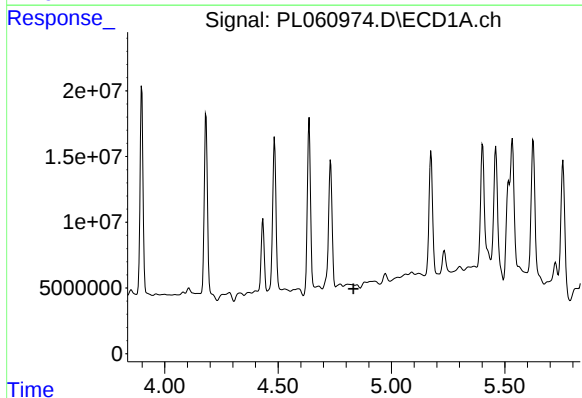
R.T.: 4.332 min  
Delta R.T.: 0.001 min  
Response: 8039349  
Conc: 131.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



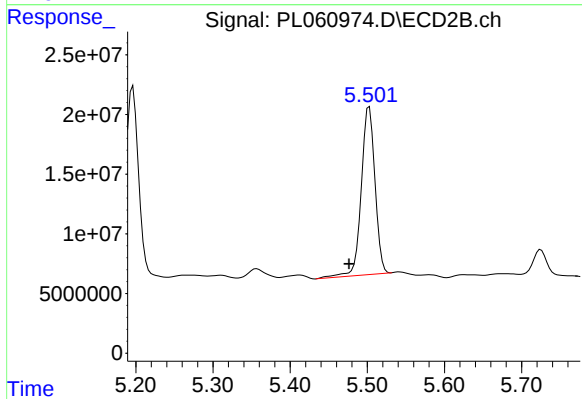
#23 Chlordane-1

R.T.: 5.005 min  
Delta R.T.: -0.002 min  
Response: 7820476  
Conc: 64.32 ng/ml



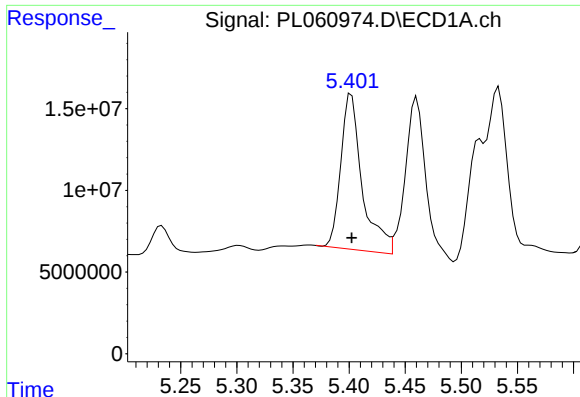
#24 Chlordane-2

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



#24 Chlordane-2

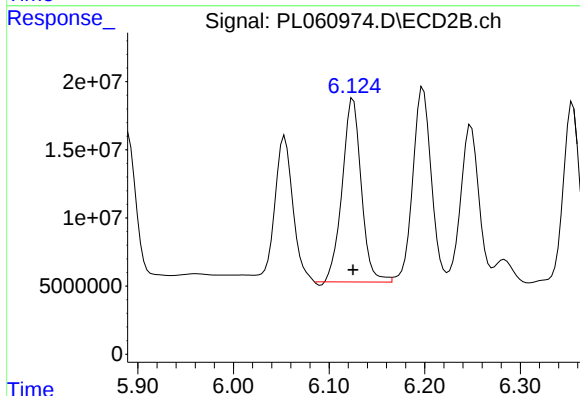
R.T.: 5.503 min  
Delta R.T.: 0.026 min  
Response: 173896950  
Conc: 1689.78 ng/ml



#25 Chlordane-3

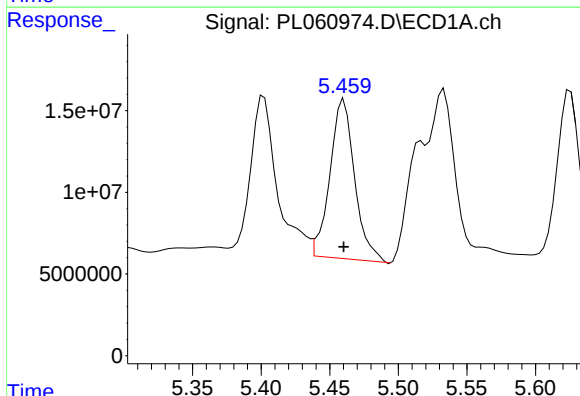
R.T.: 5.402 min  
Delta R.T.: 0.000 min  
Response: 126384421  
Conc: 700.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



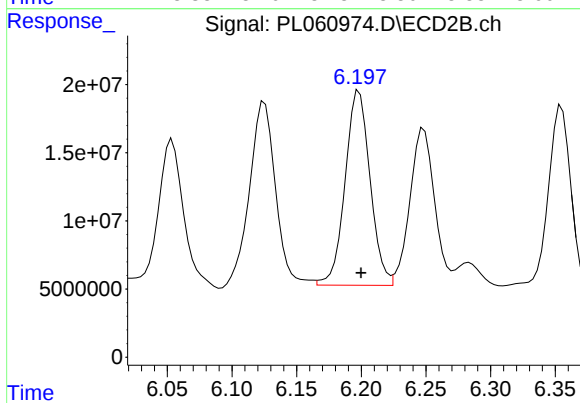
#25 Chlordane-3

R.T.: 6.125 min  
Delta R.T.: 0.000 min  
Response: 186501568  
Conc: 466.63 ng/ml



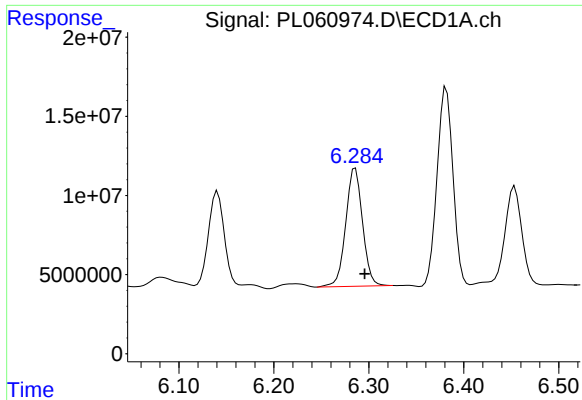
#26 Chlordane-4

R.T.: 5.460 min  
Delta R.T.: 0.000 min  
Response: 122529607  
Conc: 824.08 ng/ml



#26 Chlordane-4

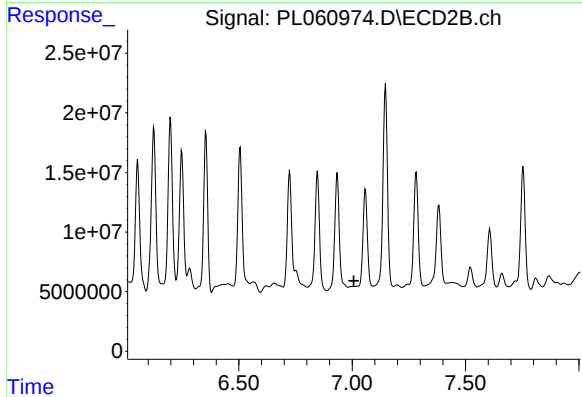
R.T.: 6.198 min  
Delta R.T.: -0.001 min  
Response: 191975004  
Conc: 399.34 ng/ml



#27 Chlordane-5

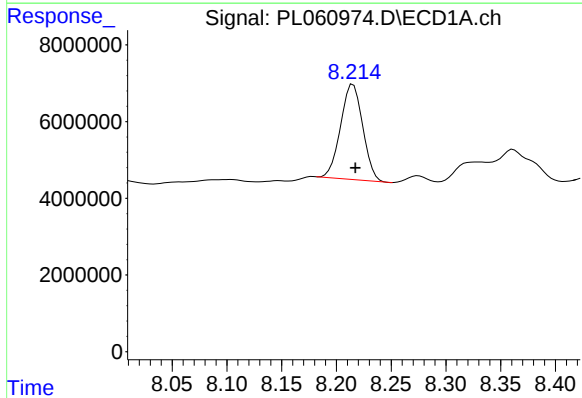
R.T.: 6.286 min  
Delta R.T.: -0.010 min  
Response: 91632443  
Conc: 1464.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



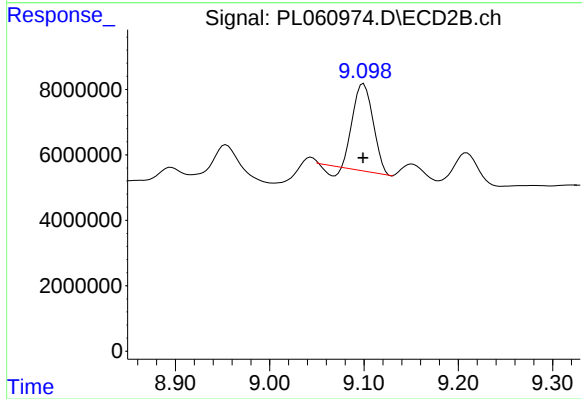
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.215 min  
Delta R.T.: -0.002 min  
Response: 35055007  
Conc: 20.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.100 min  
Delta R.T.: 0.000 min  
Response: 38725555  
Conc: 18.35 ng/ml