

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101218\  
 Data File : PL040974.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Oct 2018 16:47  
 Operator : AJ\SJ  
 Sample : PB113794BL  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 12 23:52:40 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 11 03:28:36 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.481 | 4.105 | 115.7E6 | 62813304 | 21.118   | 22.528     |
| 28)                         | SA Decachlor... | 8.233 | 9.238 | 110.9E6 | 53281763 | 21.331   | 20.605     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.923 | 4.501 | 453.2E6 | 218.9E6  | 57.200   | 56.567     |
| 3)                          | MA gamma-BHC... | 4.207 | 4.789 | 420.3E6 | 205.7E6  | 57.562   | 57.771     |
| 4)                          | MA Heptachlor   | 4.505 | 5.306 | 421.8E6 | 191.4E6  | 57.234   | 56.561     |
| 5)                          | MB Aldrin       | 4.752 | 5.615 | 417.2E6 | 179.6E6  | 60.774   | 59.513     |
| 6)                          | B beta-BHC      | 4.459 | 4.957 | 176.0E6 | 101.8E6  | 55.481   | 63.491     |
| 7)                          | B delta-BHC     | 4.663 | 5.178 | 317.1E6 | 155.0E6  | 47.590   | 47.228     |
| 8)                          | B Heptachlo...  | 5.197 | 6.003 | 374.6E6 | 161.5E6  | 57.117   | 56.298     |
| 9)                          | A Endosulfan I  | 5.535 | 6.363 | 340.1E6 | 141.3E6  | 56.765   | 55.156     |
| 10)                         | B gamma-Chl...  | 5.423 | 6.238 | 373.3E6 | 158.2E6  | 56.760   | 56.423     |
| 11)                         | B alpha-Chl...  | 5.480 | 6.311 | 364.2E6 | 153.3E6  | 55.983   | 55.224     |
| 12)                         | B 4,4'-DDE      | 5.647 | 6.465 | 333.7E6 | 145.4E6  | 58.702   | 54.967     |
| 13)                         | MA Dieldrin     | 5.778 | 6.621 | 365.9E6 | 138.2E6  | 57.875   | 51.923     |
| 14)                         | MA Endrin       | 6.035 | 6.841 | 311.2E6 | 111.2E6  | 54.177   | 49.828     |
| 15)                         | B Endosulfa...  | 6.309 | 7.049 | 302.6E6 | 125.1E6  | 53.993   | 52.684     |
| 16)                         | A 4,4'-DDD      | 6.163 | 6.958 | 275.4E6 | 115.4E6  | 60.979   | 55.076     |
| 17)                         | MA 4,4'-DDT     | 6.403 | 7.258 | 242.2E6 | 103.9E6  | 53.174   | 49.953     |
| 18)                         | B Endrin al...  | 6.478 | 7.173 | 234.2E6 | 105.5E6  | 55.864   | 53.173     |
| 19)                         | B Endosulfa...  | 6.690 | 7.397 | 281.1E6 | 121.5E6  | 55.241   | 54.362     |
| 20)                         | A Methoxychlor  | 6.951 | 7.713 | 131.8E6 | 55884362 | 50.678   | 47.474     |
| 21)                         | B Endrin ke...  | 7.181 | 7.872 | 317.8E6 | 130.0E6  | 60.702   | 55.276     |
| 23)                         | Chlordane-1     | 4.420 | 5.178 | 1610927 | 155.0E6  | 6.312    | 1255.125 # |
| 24)                         | Chlordane-2     | 0.000 | 5.615 | 0       | 179.6E6  | N.D.     | 1452.393 # |
| 25)                         | Chlordane-3     | 5.423 | 6.238 | 373.3E6 | 158.2E6  | 487.701  | 392.542    |
| 26)                         | Chlordane-4     | 5.480 | 6.311 | 364.2E6 | 153.3E6  | 543.223  | 322.934 #  |
| 27)                         | Chlordane-5     | 6.309 | 7.173 | 302.6E6 | 105.5E6  | 1396.436 | 1192.377   |
| -----                       |                 |       |       |         |          |          |            |

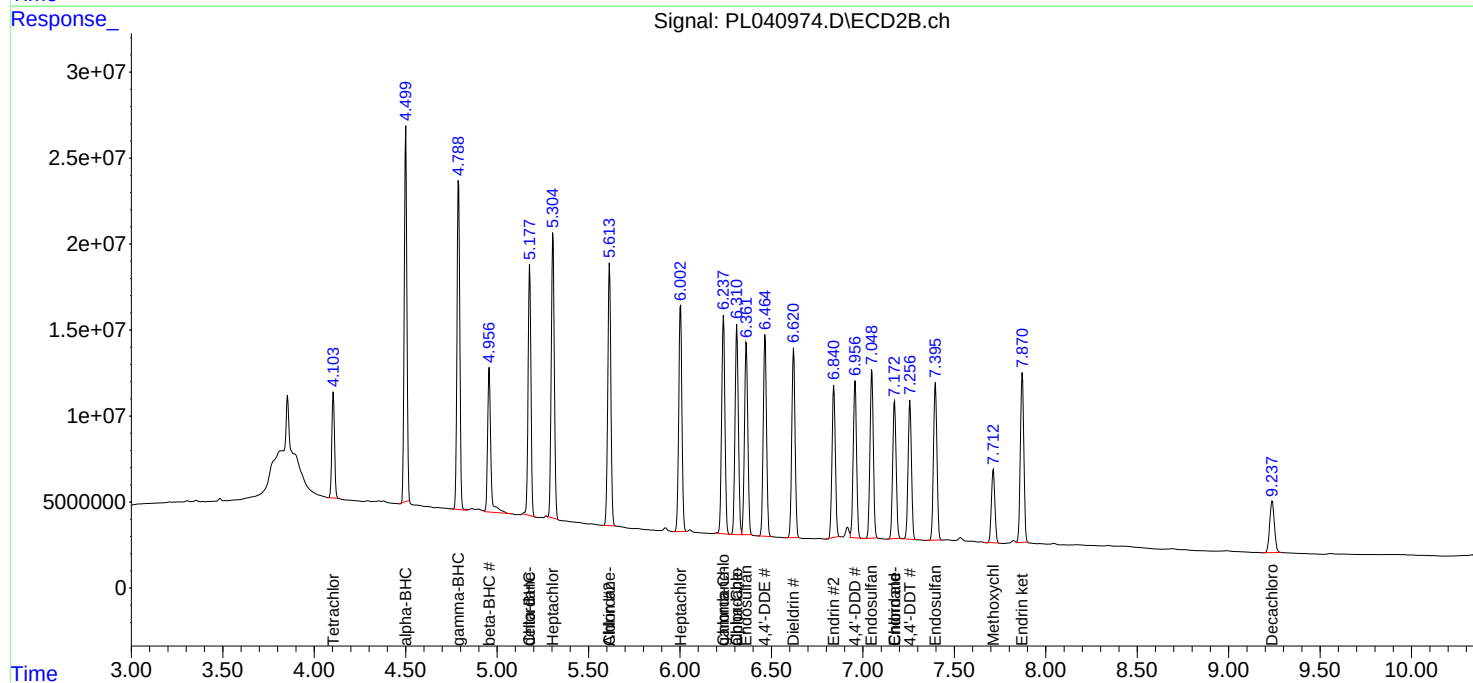
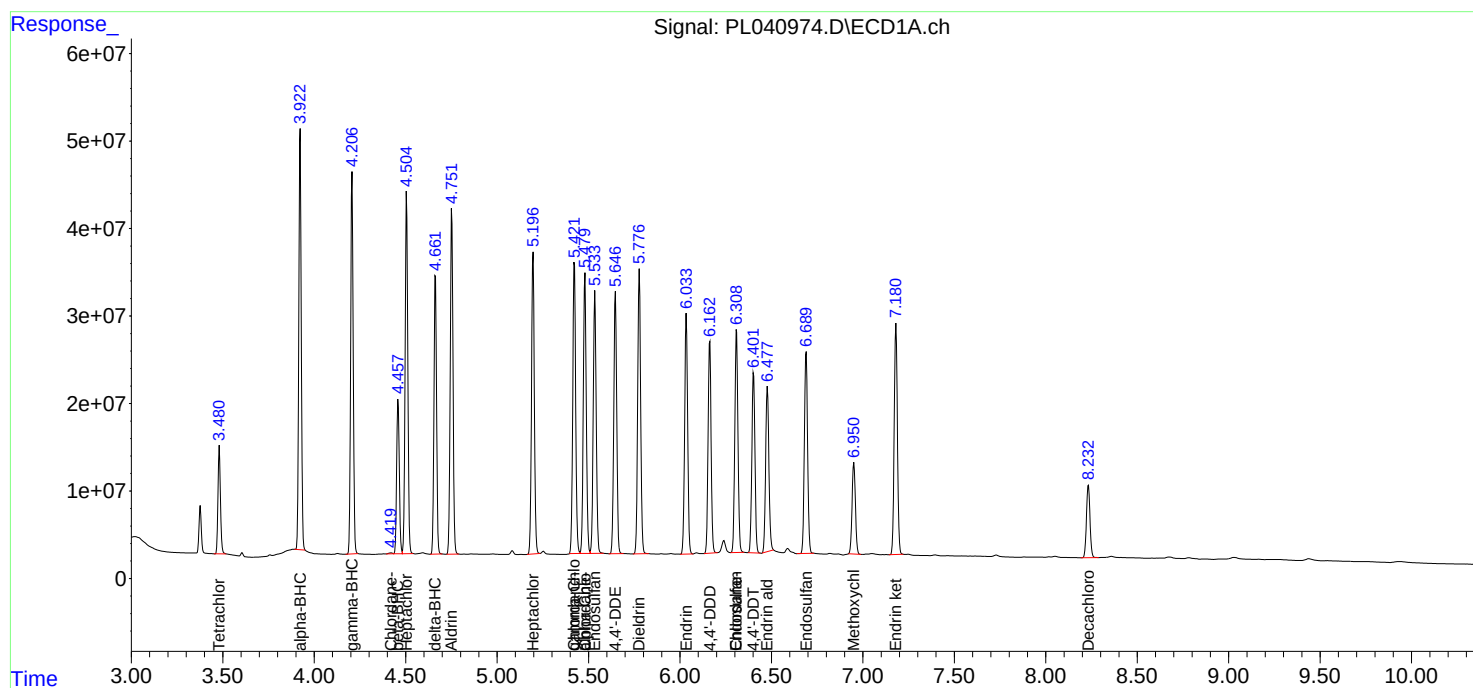
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

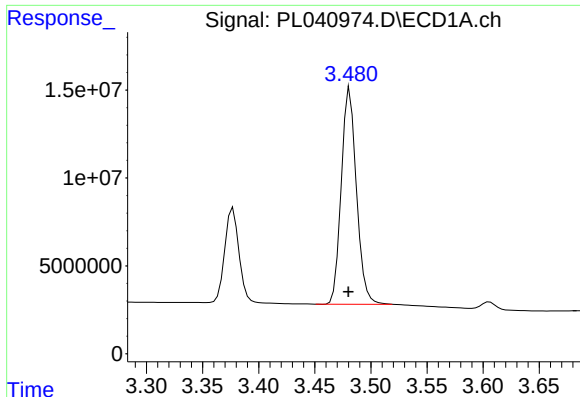
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101218\  
Data File : PL040974.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Oct 2018 16:47  
Operator : AJ\SJ  
Sample : PB113794BL  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 12 23:52:40 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 11 03:28:36 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

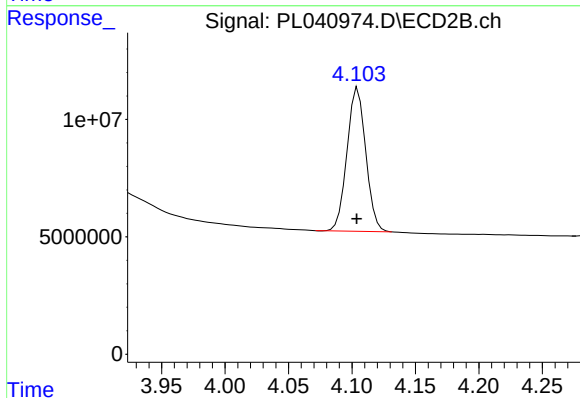




#1 Tetrachloro-m-xylene

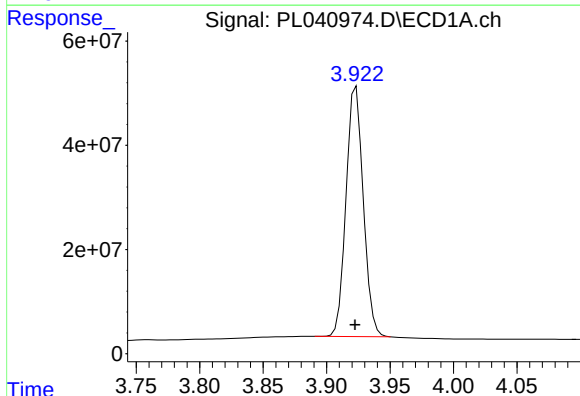
R.T.: 3.481 min  
Delta R.T.: 0.001 min  
Response: 115740436  
Conc: 21.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



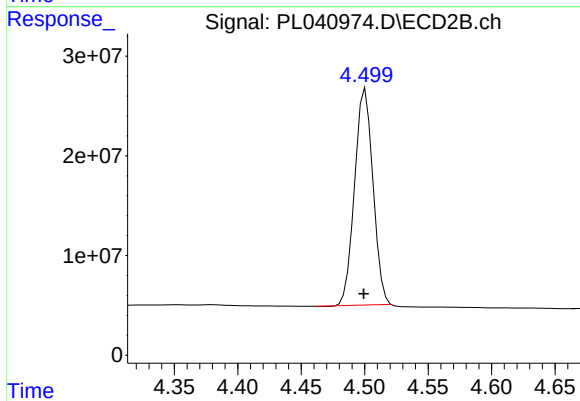
#1 Tetrachloro-m-xylene

R.T.: 4.105 min  
Delta R.T.: 0.000 min  
Response: 62813304  
Conc: 22.53 ng/ml



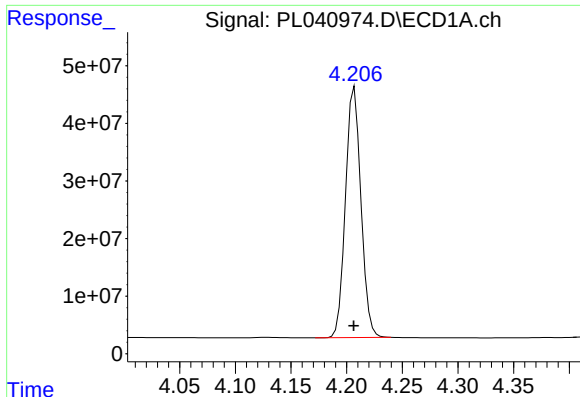
#2 alpha-BHC

R.T.: 3.923 min  
Delta R.T.: 0.000 min  
Response: 453228053  
Conc: 57.20 ng/ml



#2 alpha-BHC

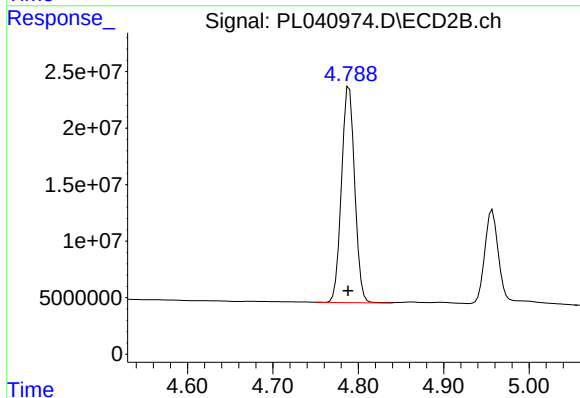
R.T.: 4.501 min  
Delta R.T.: 0.001 min  
Response: 218873418  
Conc: 56.57 ng/ml



#3 gamma-BHC (Lindane)

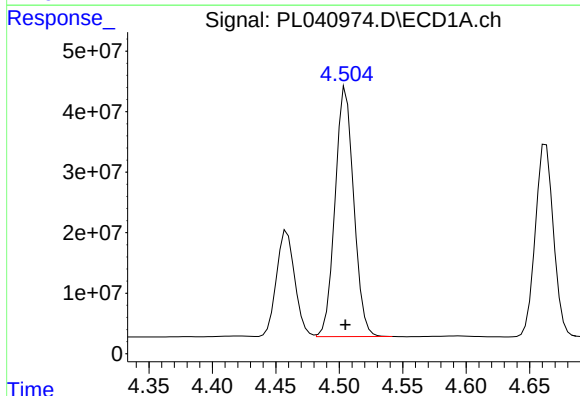
R.T.: 4.207 min  
Delta R.T.: 0.000 min  
Response: 420314479  
Conc: 57.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



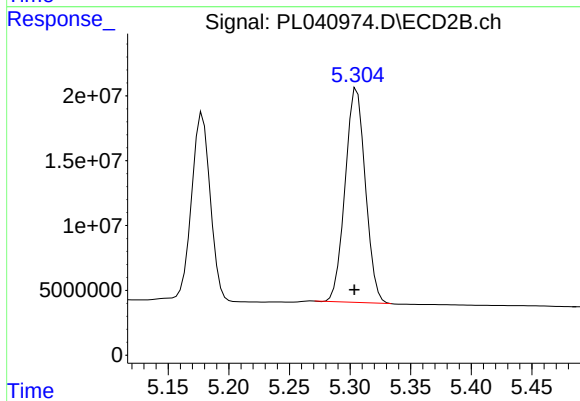
#3 gamma-BHC (Lindane)

R.T.: 4.789 min  
Delta R.T.: 0.001 min  
Response: 205710336  
Conc: 57.77 ng/ml



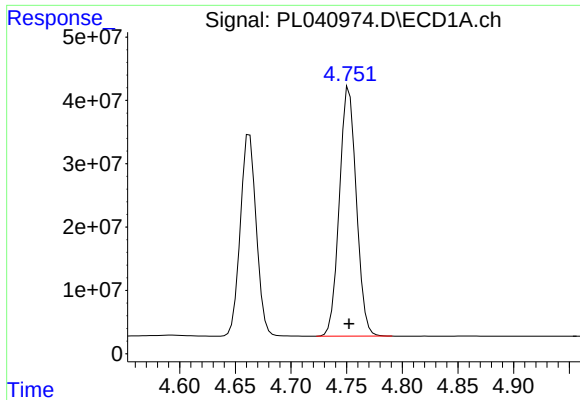
#4 Heptachlor

R.T.: 4.505 min  
Delta R.T.: 0.000 min  
Response: 421754596  
Conc: 57.23 ng/ml



#4 Heptachlor

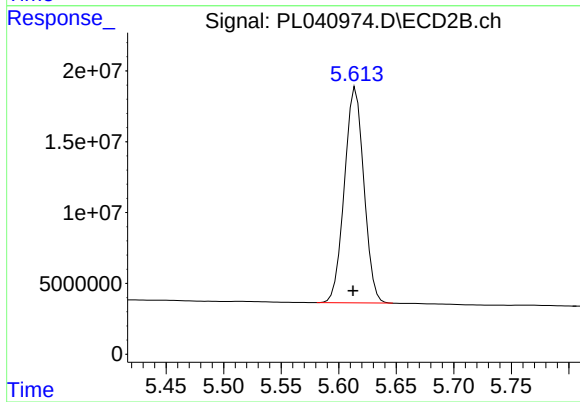
R.T.: 5.306 min  
Delta R.T.: 0.002 min  
Response: 191438531  
Conc: 56.56 ng/ml



#5 Aldrin

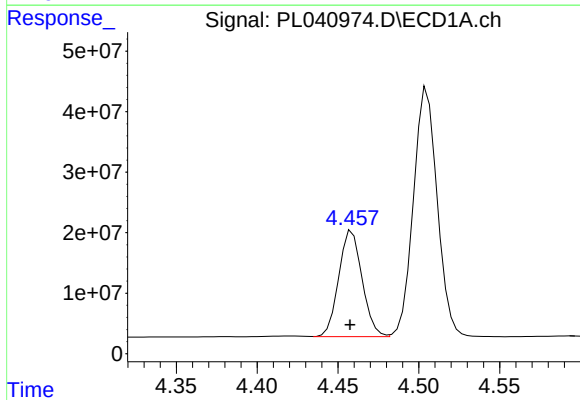
R.T.: 4.752 min  
Delta R.T.: 0.000 min  
Response: 417176505  
Conc: 60.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



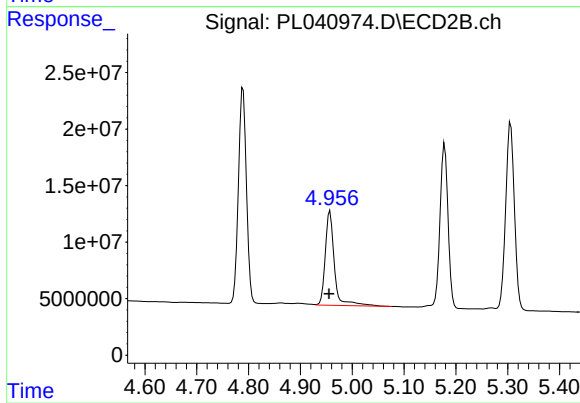
#5 Aldrin

R.T.: 5.615 min  
Delta R.T.: 0.002 min  
Response: 179617854  
Conc: 59.51 ng/ml



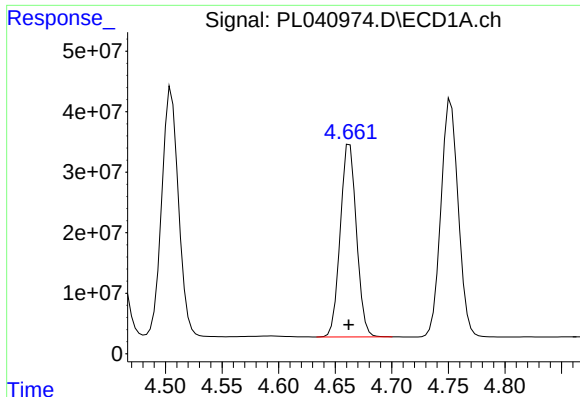
#6 beta-BHC

R.T.: 4.459 min  
Delta R.T.: 0.001 min  
Response: 176043336  
Conc: 55.48 ng/ml



#6 beta-BHC

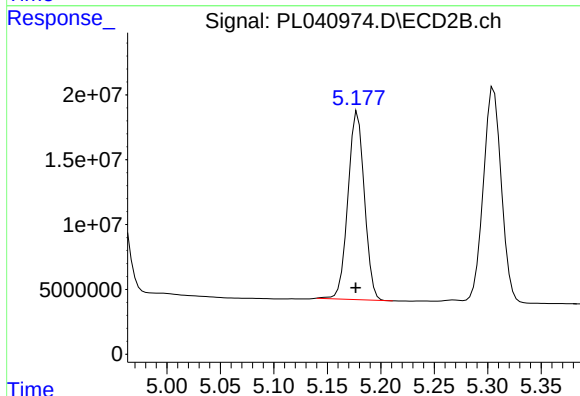
R.T.: 4.957 min  
Delta R.T.: 0.002 min  
Response: 101758538  
Conc: 63.49 ng/ml



#7 delta-BHC

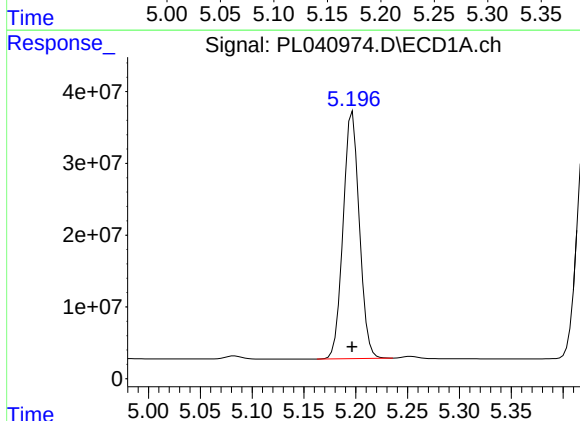
R.T.: 4.663 min  
Delta R.T.: 0.000 min  
Response: 317130084  
Conc: 47.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



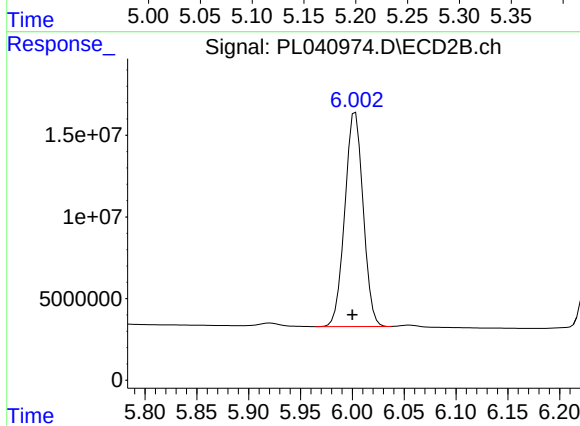
#7 delta-BHC

R.T.: 5.178 min  
Delta R.T.: 0.002 min  
Response: 155025866  
Conc: 47.23 ng/ml



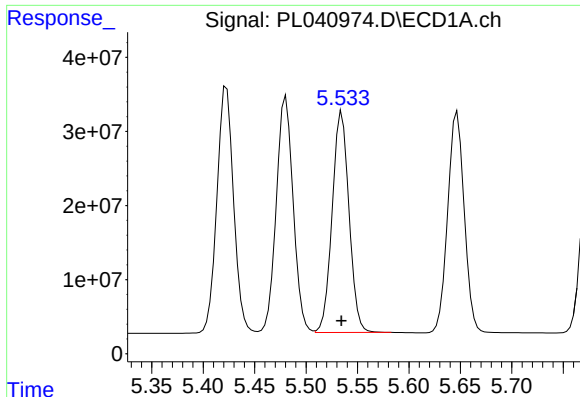
#8 Heptachlor epoxide

R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 374616967  
Conc: 57.12 ng/ml



#8 Heptachlor epoxide

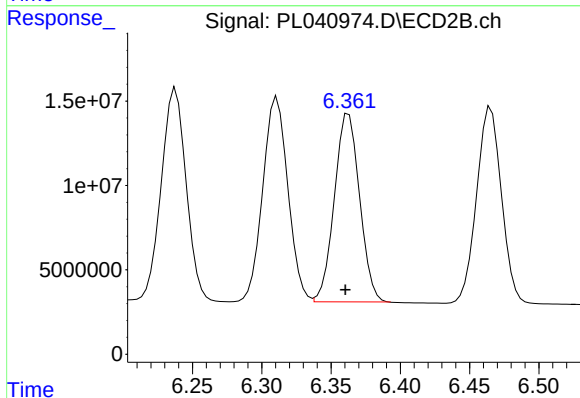
R.T.: 6.003 min  
Delta R.T.: 0.003 min  
Response: 161472024  
Conc: 56.30 ng/ml



#9 Endosulfan I

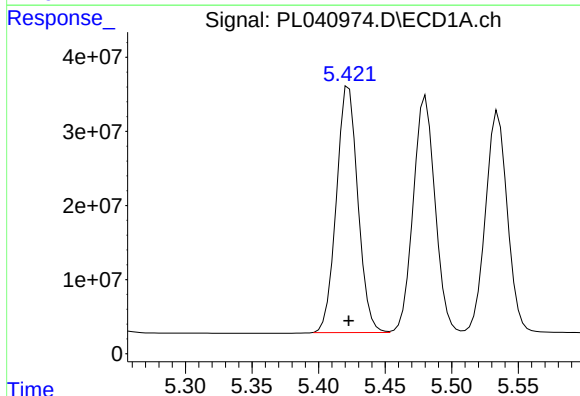
R.T.: 5.535 min  
Delta R.T.: 0.000 min  
Response: 340073825  
Conc: 56.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



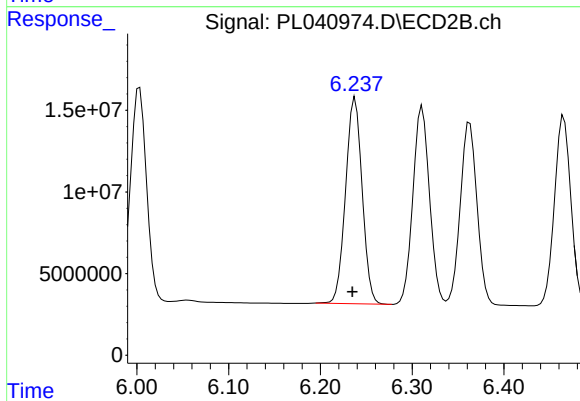
#9 Endosulfan I

R.T.: 6.363 min  
Delta R.T.: 0.002 min  
Response: 141267991  
Conc: 55.16 ng/ml



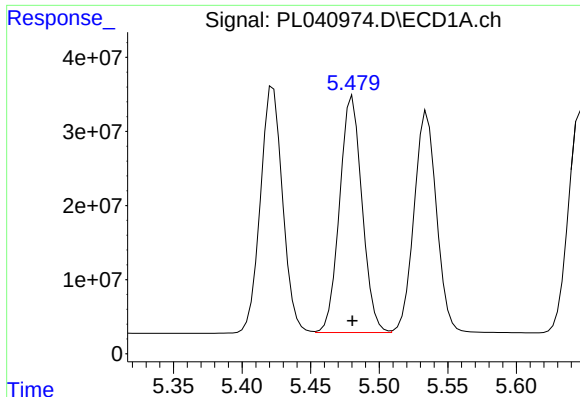
#10 gamma-Chlordane

R.T.: 5.423 min  
Delta R.T.: 0.000 min  
Response: 373268822  
Conc: 56.76 ng/ml



#10 gamma-Chlordane

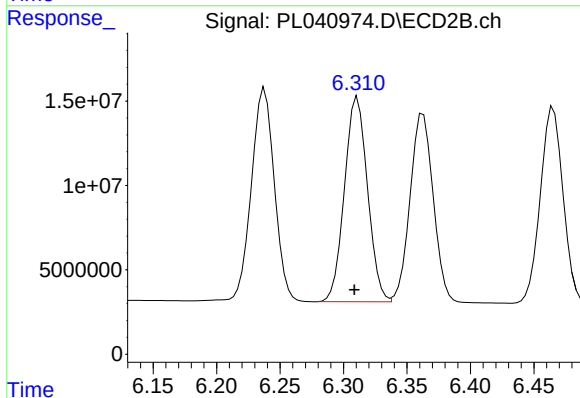
R.T.: 6.238 min  
Delta R.T.: 0.003 min  
Response: 158245942  
Conc: 56.42 ng/ml



#11 alpha-Chlordane

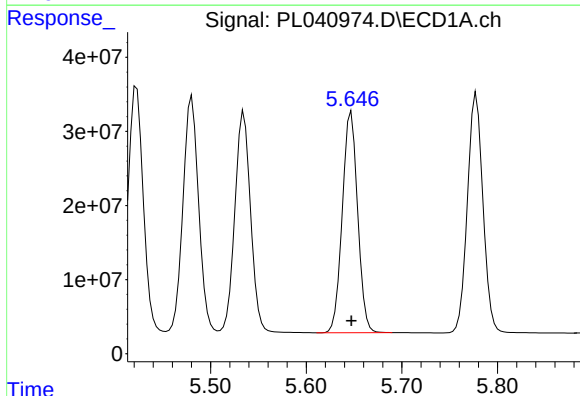
R.T.: 5.480 min  
Delta R.T.: 0.000 min  
Response: 364220552  
Conc: 55.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



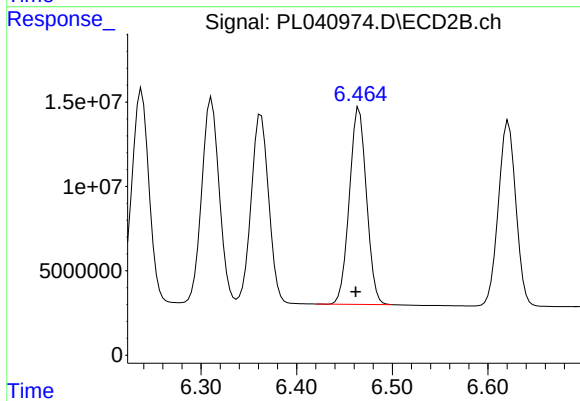
#11 alpha-Chlordane

R.T.: 6.311 min  
Delta R.T.: 0.002 min  
Response: 153277837  
Conc: 55.22 ng/ml



#12 4,4'-DDE

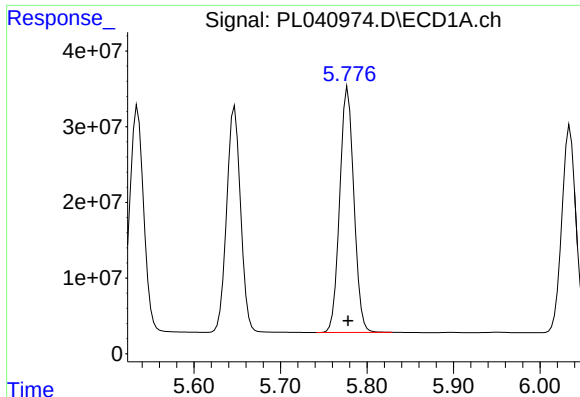
R.T.: 5.647 min  
Delta R.T.: 0.000 min  
Response: 333655358  
Conc: 58.70 ng/ml



#12 4,4'-DDE

R.T.: 6.465 min  
Delta R.T.: 0.003 min  
Response: 145404724  
Conc: 54.97 ng/ml

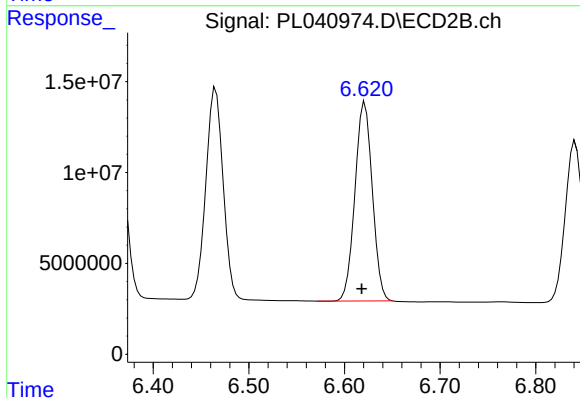




#13 Dieldrin

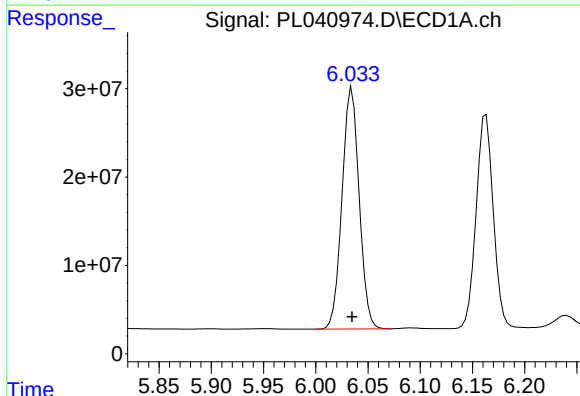
R.T.: 5.778 min  
Delta R.T.: 0.000 min  
Response: 365913198  
Conc: 57.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



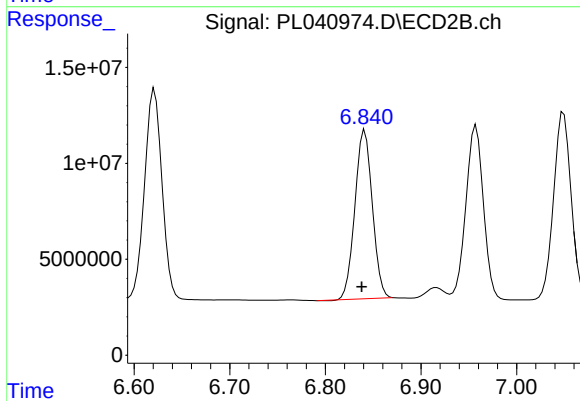
#13 Dieldrin

R.T.: 6.621 min  
Delta R.T.: 0.003 min  
Response: 138240746  
Conc: 51.92 ng/ml



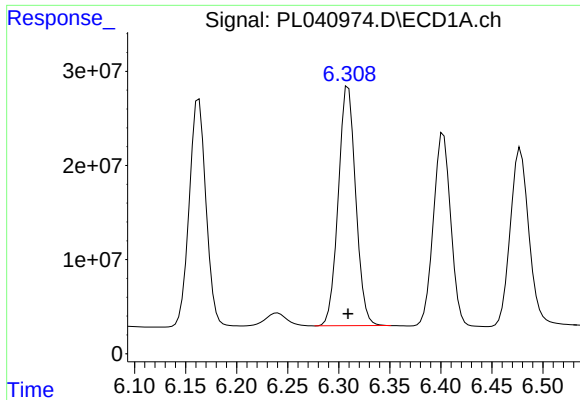
#14 Endrin

R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 311194312  
Conc: 54.18 ng/ml



#14 Endrin

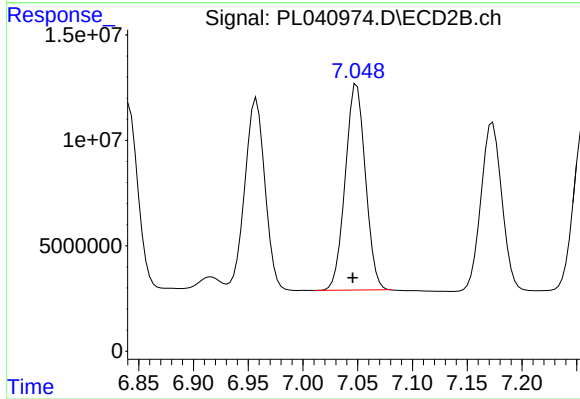
R.T.: 6.841 min  
Delta R.T.: 0.003 min  
Response: 111222227  
Conc: 49.83 ng/ml



#15 Endosulfan II

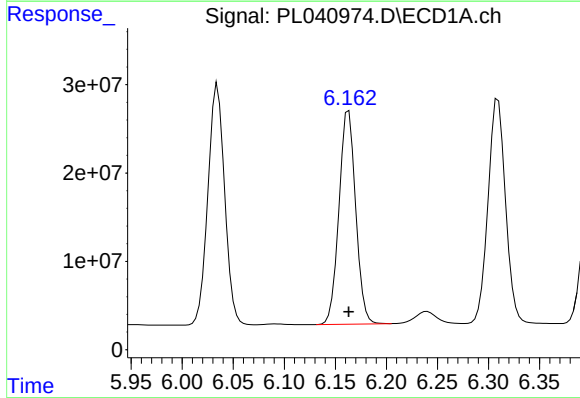
R.T.: 6.309 min  
Delta R.T.: 0.000 min  
Response: 302629632  
Conc: 53.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



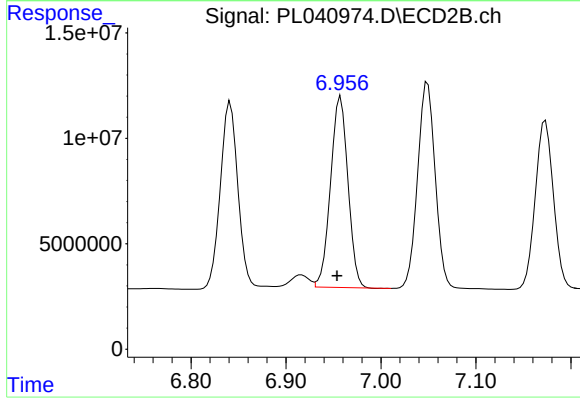
#15 Endosulfan II

R.T.: 7.049 min  
Delta R.T.: 0.004 min  
Response: 125127342  
Conc: 52.68 ng/ml



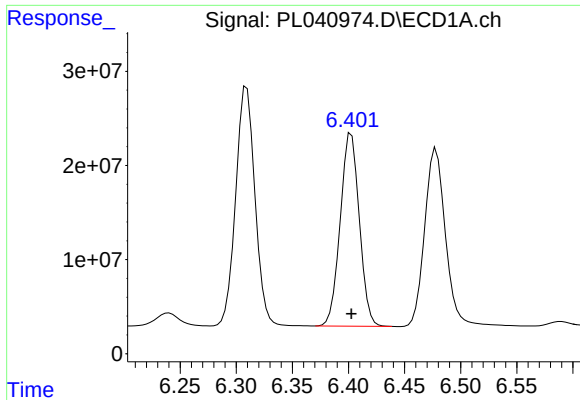
#16 4,4'-DDD

R.T.: 6.163 min  
Delta R.T.: 0.000 min  
Response: 275435350  
Conc: 60.98 ng/ml



#16 4,4'-DDD

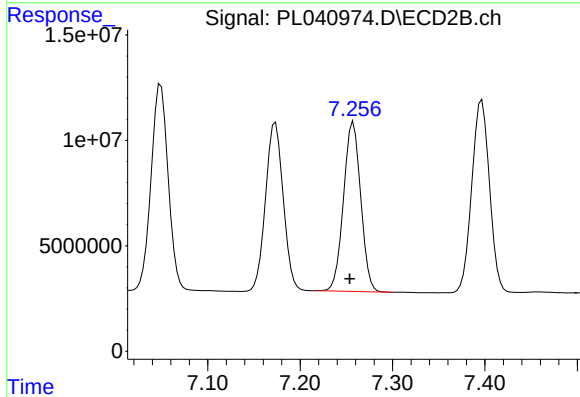
R.T.: 6.958 min  
Delta R.T.: 0.004 min  
Response: 115369451  
Conc: 55.08 ng/ml



#17 4,4'-DDT

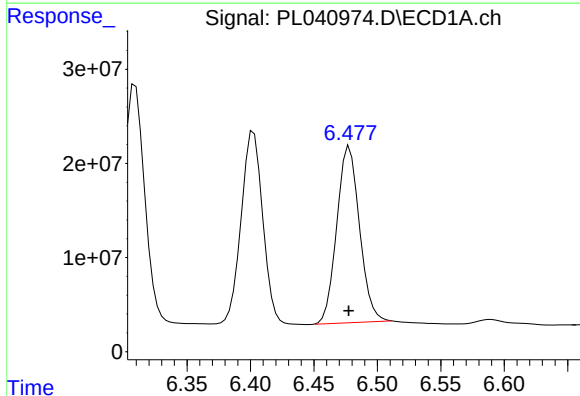
R.T.: 6.403 min  
Delta R.T.: 0.000 min  
Response: 242187350  
Conc: 53.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



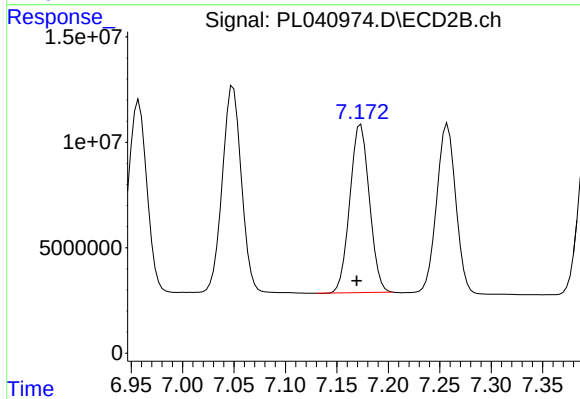
#17 4,4'-DDT

R.T.: 7.258 min  
Delta R.T.: 0.004 min  
Response: 103907399  
Conc: 49.95 ng/ml



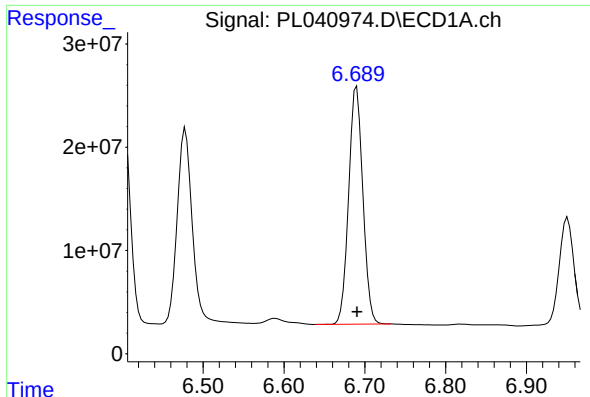
#18 Endrin aldehyde

R.T.: 6.478 min  
Delta R.T.: 0.000 min  
Response: 234229410  
Conc: 55.86 ng/ml



#18 Endrin aldehyde

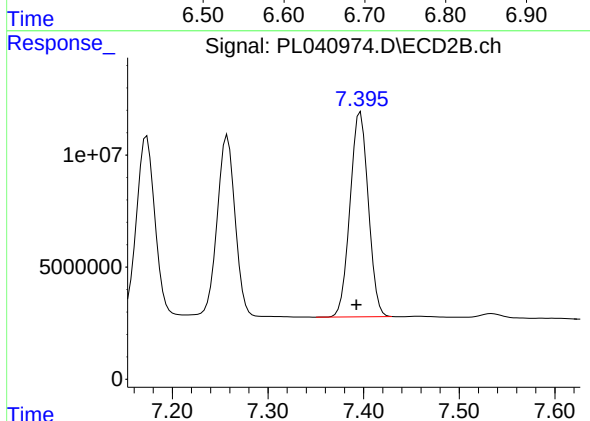
R.T.: 7.173 min  
Delta R.T.: 0.004 min  
Response: 105501423  
Conc: 53.17 ng/ml



#19 Endosulfan Sulfate

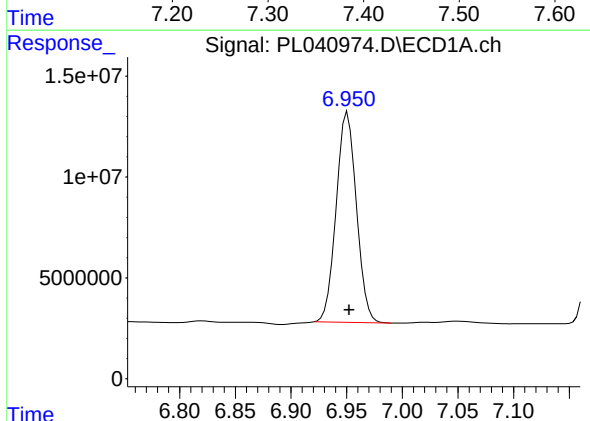
R.T.: 6.690 min  
Delta R.T.: 0.000 min  
Response: 281055813  
Conc: 55.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



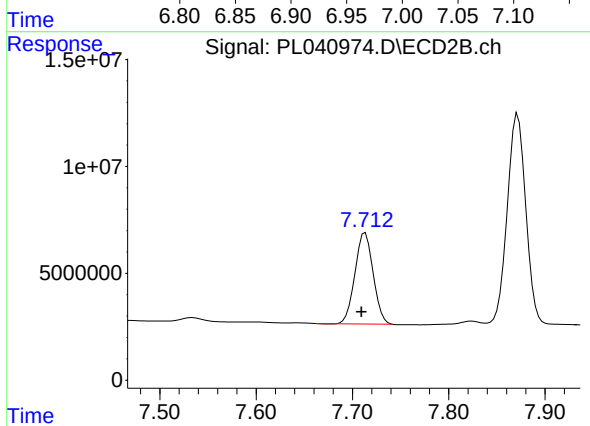
#19 Endosulfan Sulfate

R.T.: 7.397 min  
Delta R.T.: 0.004 min  
Response: 121467710  
Conc: 54.36 ng/ml



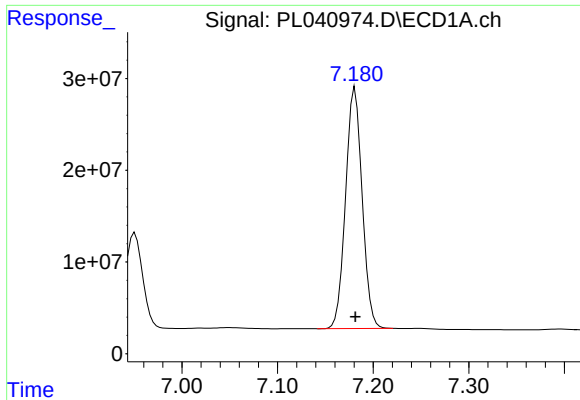
#20 Methoxychlor

R.T.: 6.951 min  
Delta R.T.: -0.001 min  
Response: 131823240  
Conc: 50.68 ng/ml



#20 Methoxychlor

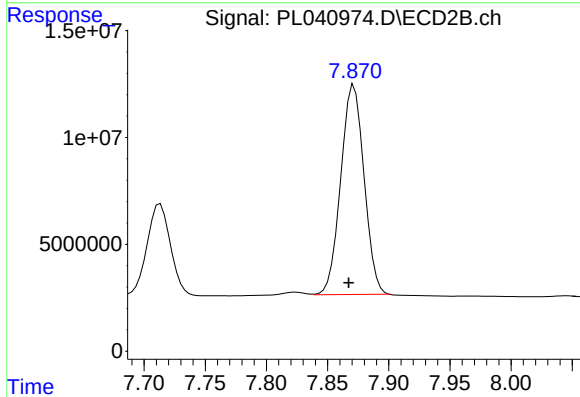
R.T.: 7.713 min  
Delta R.T.: 0.004 min  
Response: 55884362  
Conc: 47.47 ng/ml



#21 Endrin ketone

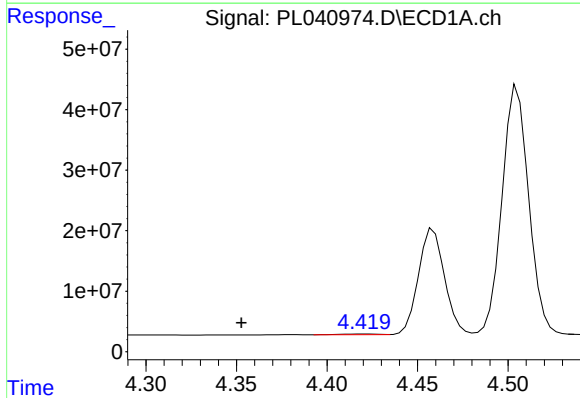
R.T.: 7.181 min  
Delta R.T.: 0.000 min  
Response: 317761806  
Conc: 60.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



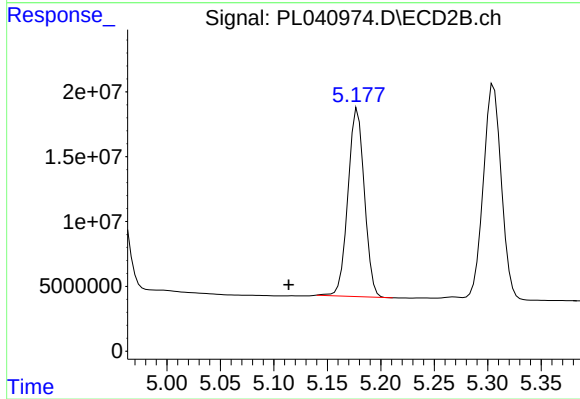
#21 Endrin ketone

R.T.: 7.872 min  
Delta R.T.: 0.004 min  
Response: 129983734  
Conc: 55.28 ng/ml



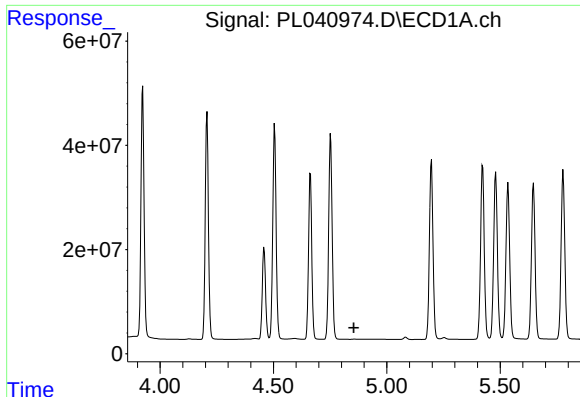
#23 Chlordane-1

R.T.: 4.420 min  
Delta R.T.: 0.068 min  
Response: 1610927  
Conc: 6.31 ng/ml



#23 Chlordane-1

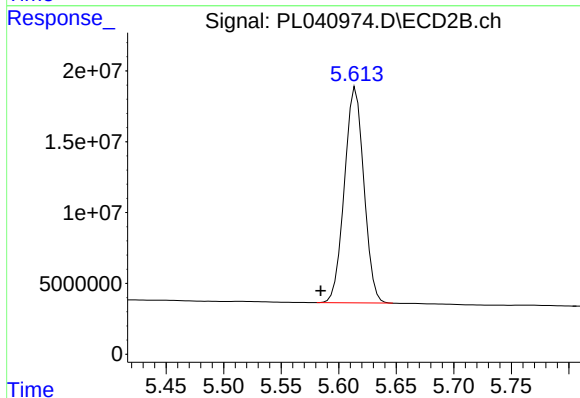
R.T.: 5.178 min  
Delta R.T.: 0.065 min  
Response: 155025866  
Conc: 1255.12 ng/ml



#24 Chlordane-2

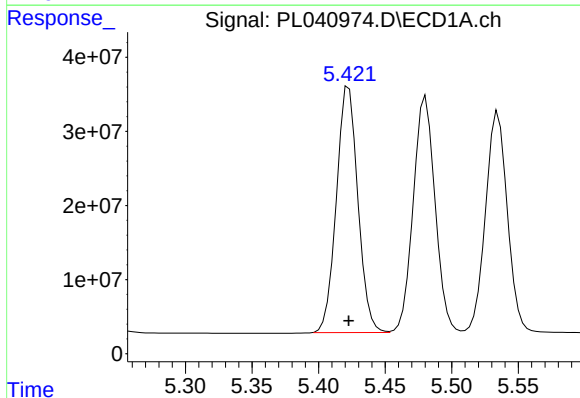
R.T.: 0.000 min  
Exp R.T.: 4.854 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



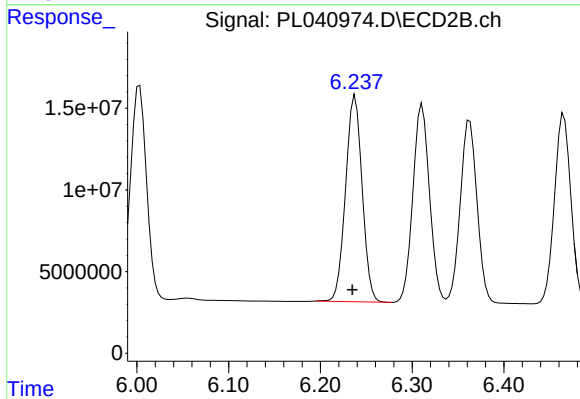
#24 Chlordane-2

R.T.: 5.615 min  
Delta R.T.: 0.030 min  
Response: 179617854  
Conc: 1452.39 ng/ml



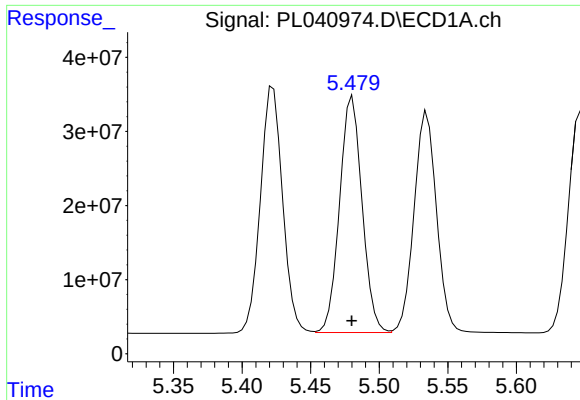
#25 Chlordane-3

R.T.: 5.423 min  
Delta R.T.: 0.000 min  
Response: 373268822  
Conc: 487.70 ng/ml



#25 Chlordane-3

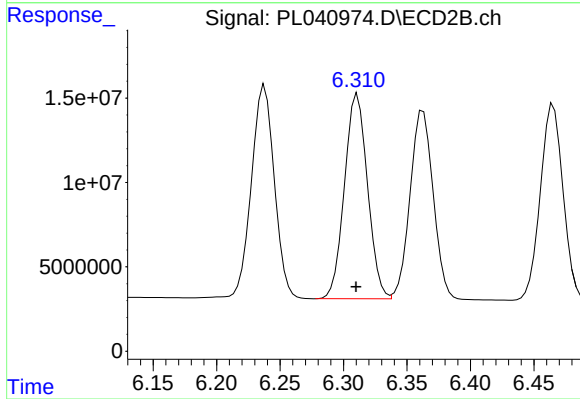
R.T.: 6.238 min  
Delta R.T.: 0.003 min  
Response: 158245942  
Conc: 392.54 ng/ml



#26 Chlordane-4

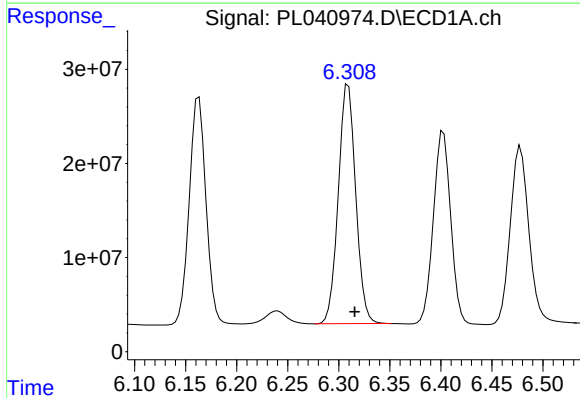
R.T.: 5.480 min  
Delta R.T.: 0.000 min  
Response: 364220552  
Conc: 543.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



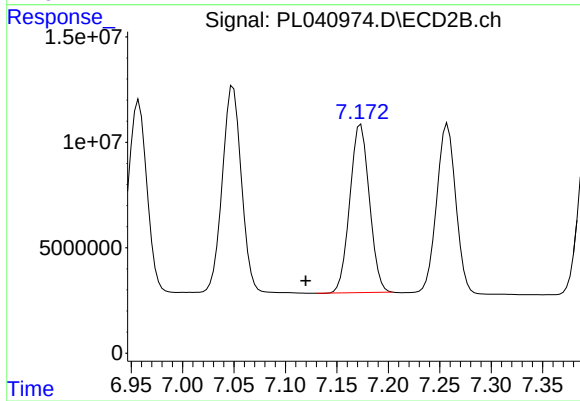
#26 Chlordane-4

R.T.: 6.311 min  
Delta R.T.: 0.001 min  
Response: 153277837  
Conc: 322.93 ng/ml



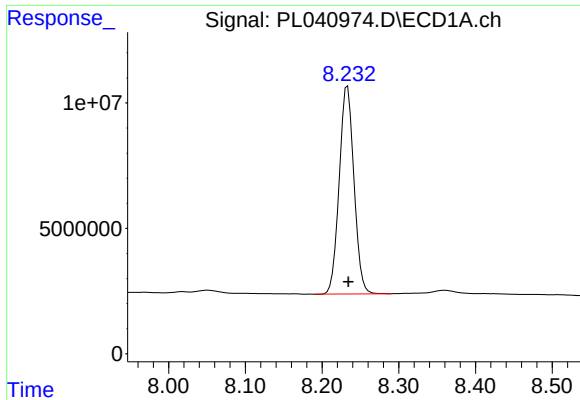
#27 Chlordane-5

R.T.: 6.309 min  
Delta R.T.: -0.006 min  
Response: 302629632  
Conc: 1396.44 ng/ml



#27 Chlordane-5

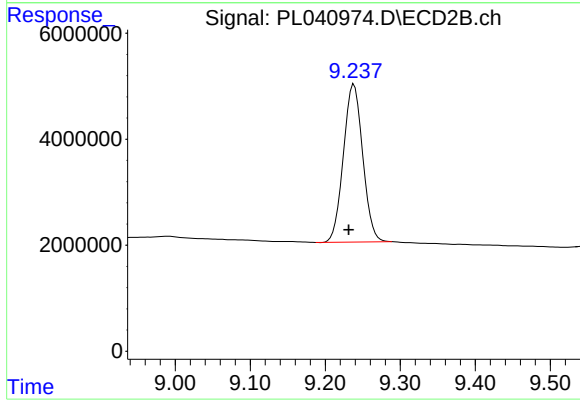
R.T.: 7.173 min  
Delta R.T.: 0.054 min  
Response: 105501423  
Conc: 1192.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.233 min  
Delta R.T.: -0.001 min  
Response: 110909631  
Conc: 21.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.238 min  
Delta R.T.: 0.007 min  
Response: 53281763  
Conc: 20.61 ng/ml