

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100220\  
 Data File : PL061929.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Oct 2020 11:43  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 02 15:54:51 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 23 13:58:40 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... | 3.458 | 4.006  | 81254189 | 125.1E6  | 47.629   | 45.865     |
| 28)                         | SA Decachlor... | 8.209 | 9.093  | 76826431 | 106.0E6  | 47.227   | 48.133     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.894 | 4.396  | 118.7E6  | 187.6E6  | 48.689   | 46.978     |
| 3)                          | MA gamma-BHC... | 4.177 | 4.681  | 106.3E6  | 173.1E6  | 48.582   | 46.756     |
| 4)                          | MA Heptachlor   | 4.478 | 5.192  | 98249289 | 164.1E6  | 48.146   | 47.391     |
| 5)                          | MB Aldrin       | 4.726 | 5.498  | 88288805 | 153.8E6  | 48.932   | 47.478     |
| 6)                          | B beta-BHC      | 4.428 | 4.853  | 44472657 | 69434856 | 48.694   | 45.984     |
| 7)                          | B delta-BHC     | 4.632 | 5.070  | 100.2E6  | 150.3E6  | 48.853   | 58.980     |
| 8)                          | B Heptachlo...  | 5.169 | 5.886  | 84570611 | 144.2E6  | 48.440   | 58.183     |
| 9)                          | A Endosulfan I  | 5.507 | 6.244  | 78754983 | 131.6E6  | 48.601   | 47.645     |
| 10)                         | B gamma-Chl...  | 5.396 | 6.121  | 85298152 | 158.6E6  | 49.116   | 53.998     |
| 11)                         | B alpha-Chl...  | 5.454 | 6.194  | 84573011 | 144.8E6  | 48.687   | 48.221     |
| 12)                         | B 4,4'-DDE      | 5.619 | 6.352  | 77205701 | 127.1E6  | 49.124   | 46.576     |
| 13)                         | MA Dieldrin     | 5.750 | 6.502  | 81629938 | 132.4E6  | 48.535   | 46.686     |
| 14)                         | MA Endrin       | 6.007 | 6.720  | 72671334 | 108.2E6  | 45.671   | 44.346     |
| 15)                         | B Endosulfa...  | 6.280 | 6.930  | 75545471 | 113.6E6  | 46.725   | 43.949     |
| 16)                         | A 4,4'-DDD      | 6.135 | 6.844  | 67611967 | 104.6E6  | 51.065   | 47.062     |
| 17)                         | MA 4,4'-DDT     | 6.375 | 7.143  | 59919835 | 95369119 | 47.499   | 43.551     |
| 18)                         | B Endrin al...  | 6.448 | 7.055  | 64764309 | 98138892 | 46.056   | 45.849     |
| 19)                         | B Endosulfa...  | 6.661 | 7.279  | 73218750 | 107.5E6  | 47.328   | 45.901     |
| 20)                         | A Methoxychlor  | 6.921 | 7.604  | 36897027 | 53789587 | 45.635   | 42.691     |
| 21)                         | B Endrin ke...  | 7.150 | 7.750  | 84501842 | 114.1E6  | 49.445   | 48.600     |
| 22)                         | Mirex           | 7.339 | 8.206  | 65842868 | 83573295 | 46.967   | 47.432     |
| 24)                         | Chlordane-2     | 0.000 | 5.498f | 0        | 153.8E6  | N.D.     | 1494.617 # |
| 25)                         | Chlordane-3     | 5.396 | 6.121  | 85298152 | 158.6E6  | 542.672  | 432.744    |
| 26)                         | Chlordane-4     | 5.454 | 6.194  | 84573011 | 144.8E6  | 648.210  | 322.627 #  |
| 27)                         | Chlordane-5     | 6.280 | 0.000  | 75545471 | 0        | 1385.485 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

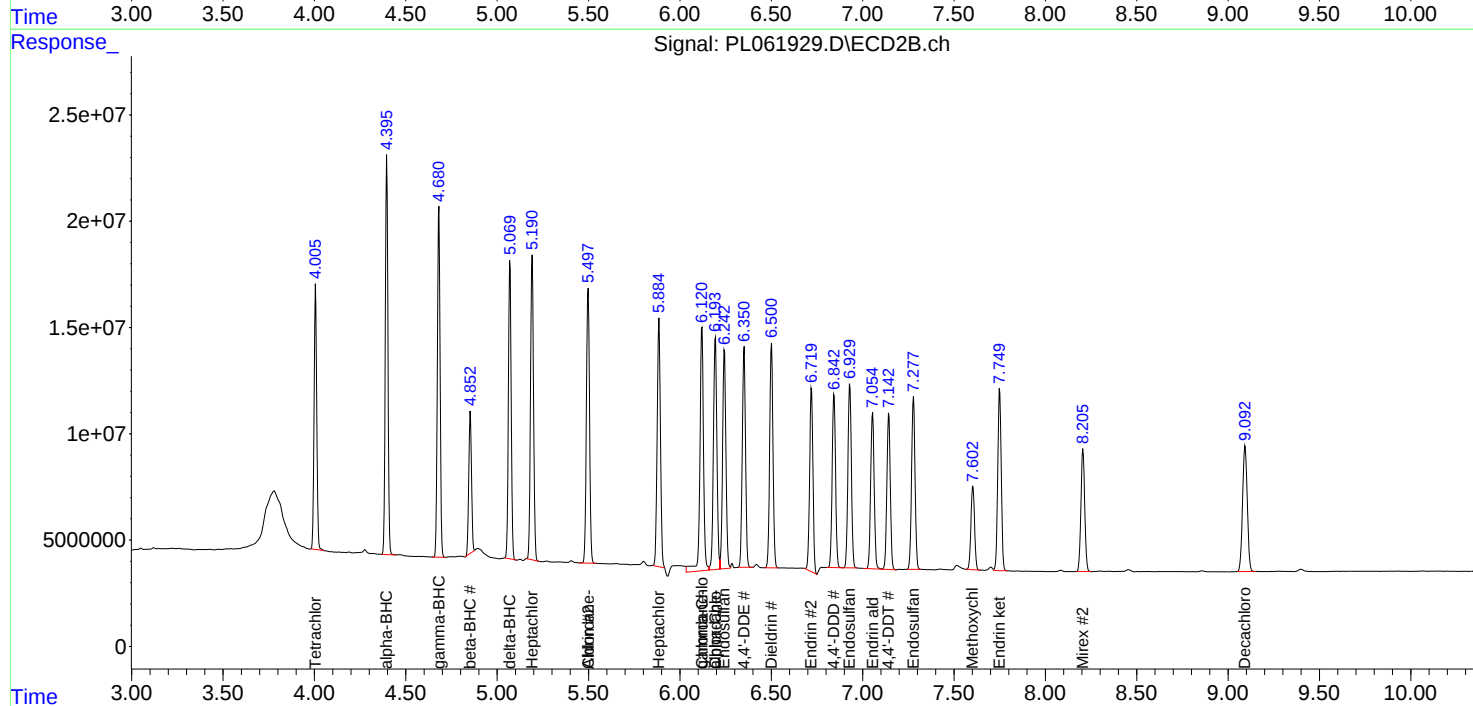
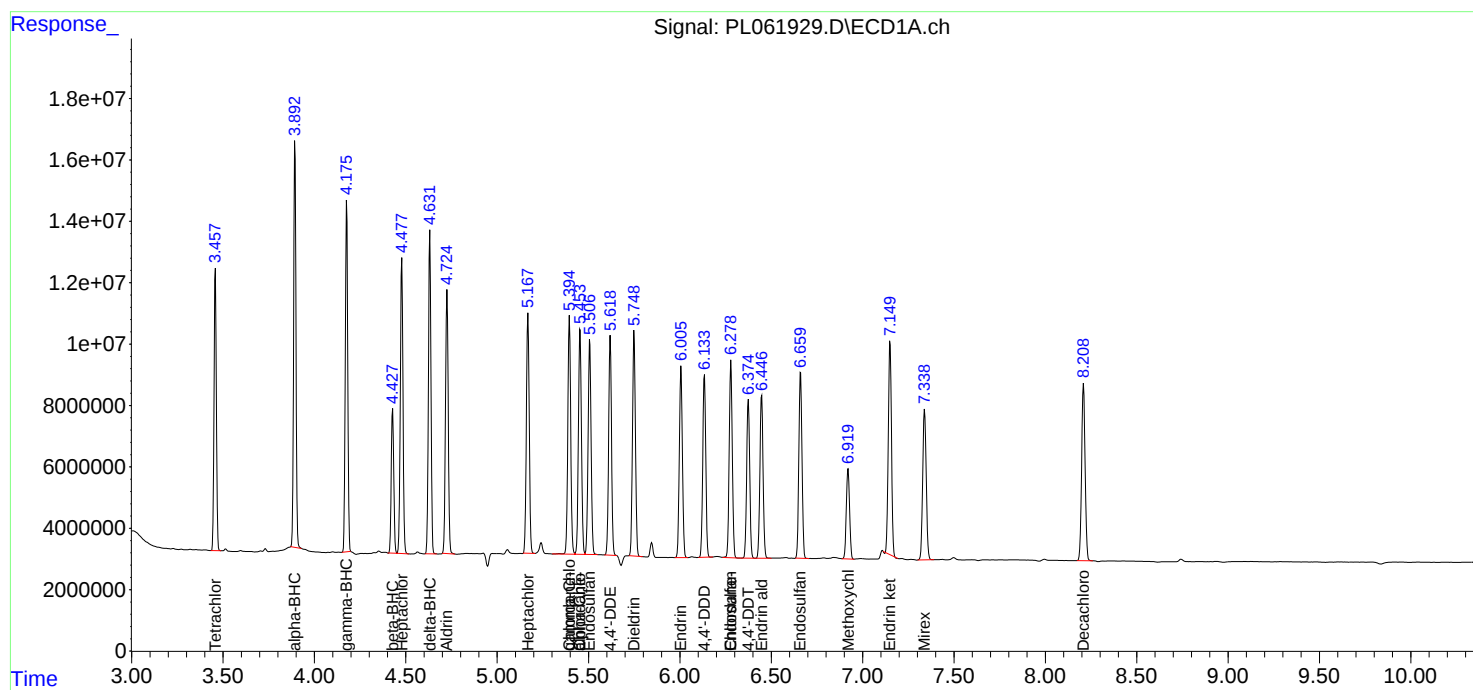
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

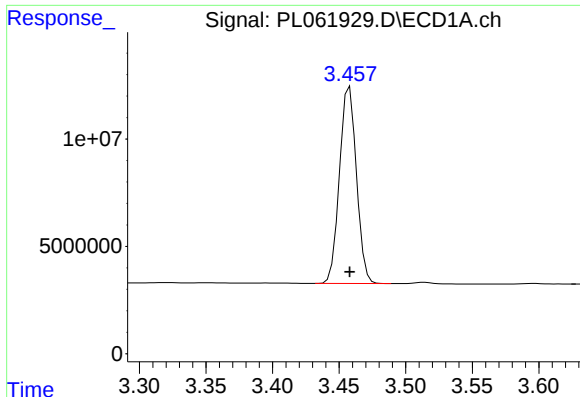
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100220\  
Data File : PL061929.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Oct 2020 11:43  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 02 15:54:51 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 23 13:58:40 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

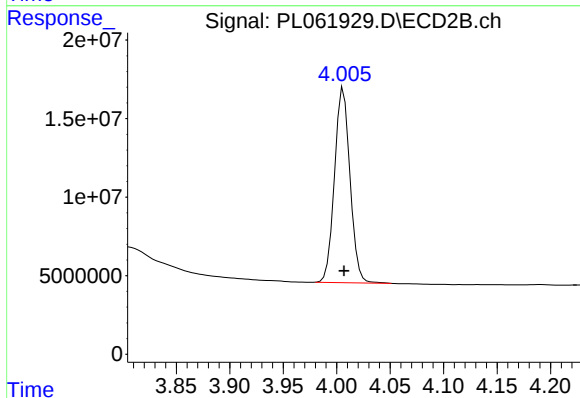




#1 Tetrachloro-m-xylene

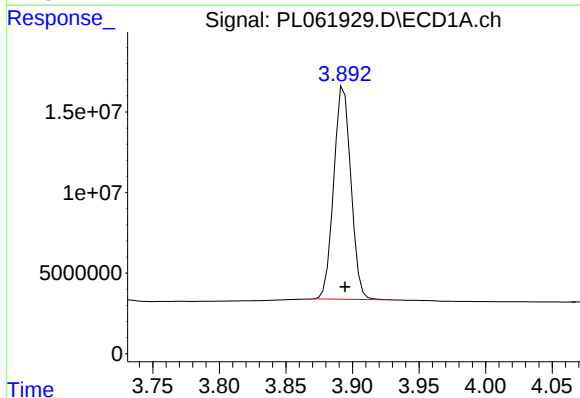
R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 81254189  
Conc: 47.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



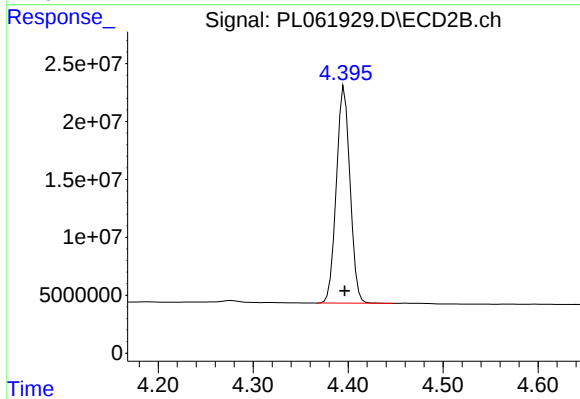
#1 Tetrachloro-m-xylene

R.T.: 4.006 min  
Delta R.T.: 0.000 min  
Response: 125130508  
Conc: 45.86 ng/ml



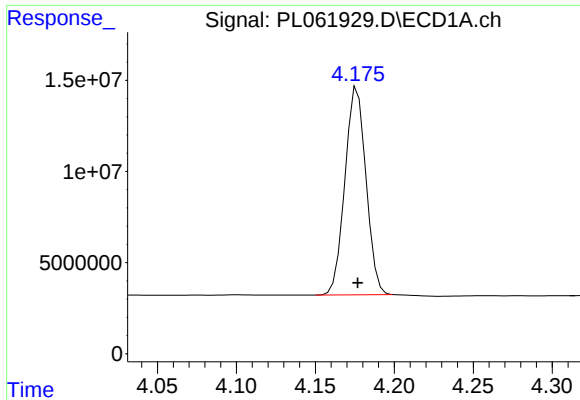
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: 0.000 min  
Response: 118675439  
Conc: 48.69 ng/ml



#2 alpha-BHC

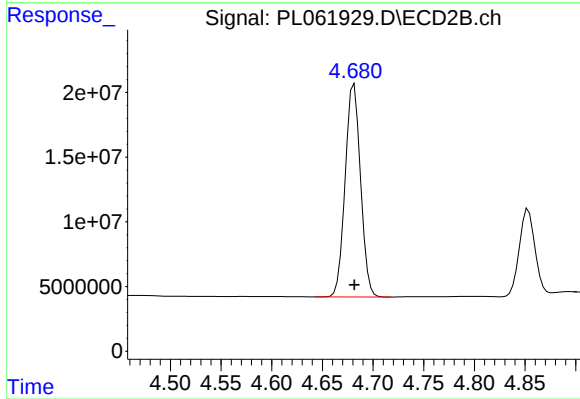
R.T.: 4.396 min  
Delta R.T.: 0.000 min  
Response: 187645617  
Conc: 46.98 ng/ml



#3 gamma-BHC (Lindane)

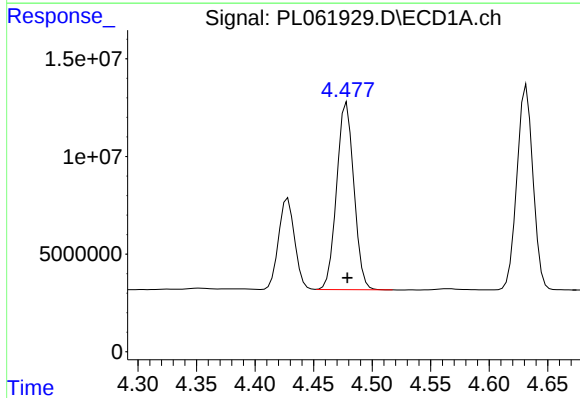
R.T.: 4.177 min  
Delta R.T.: 0.000 min  
Response: 106260934  
Conc: 48.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



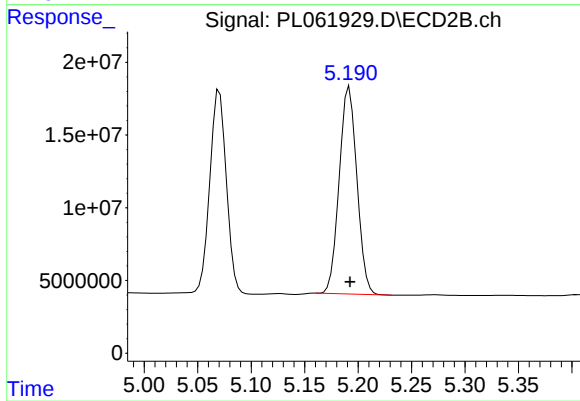
#3 gamma-BHC (Lindane)

R.T.: 4.681 min  
Delta R.T.: 0.000 min  
Response: 173087450  
Conc: 46.76 ng/ml



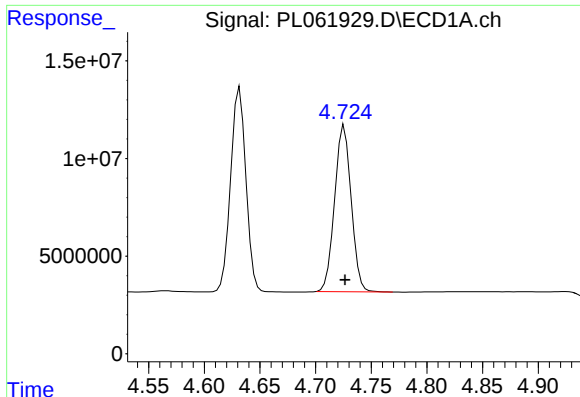
#4 Heptachlor

R.T.: 4.478 min  
Delta R.T.: 0.000 min  
Response: 98249289  
Conc: 48.15 ng/ml



#4 Heptachlor

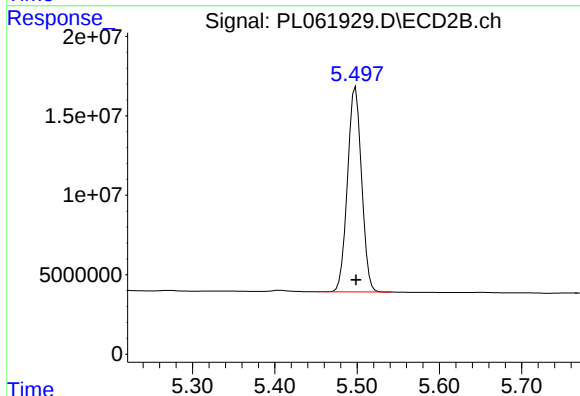
R.T.: 5.192 min  
Delta R.T.: 0.000 min  
Response: 164107776  
Conc: 47.39 ng/ml



#5 Aldrin

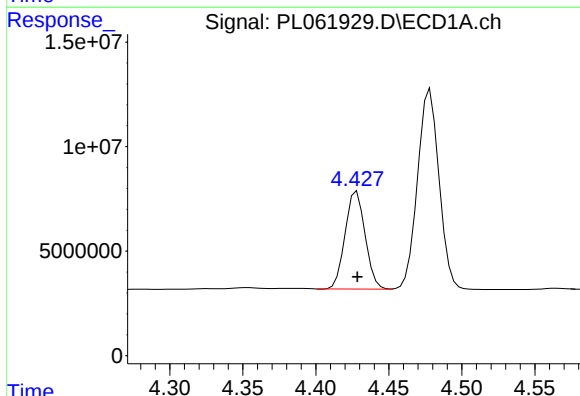
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 88288805  
Conc: 48.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



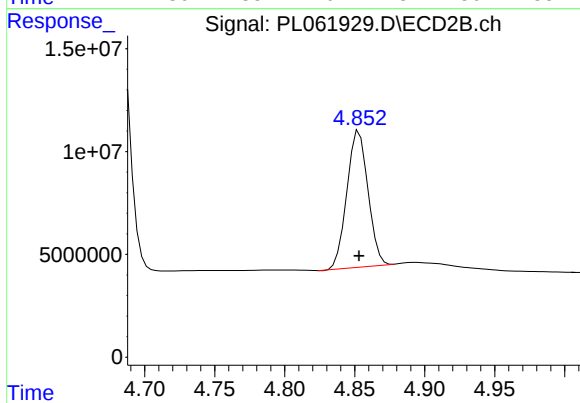
#5 Aldrin

R.T.: 5.498 min  
Delta R.T.: 0.000 min  
Response: 153803290  
Conc: 47.48 ng/ml



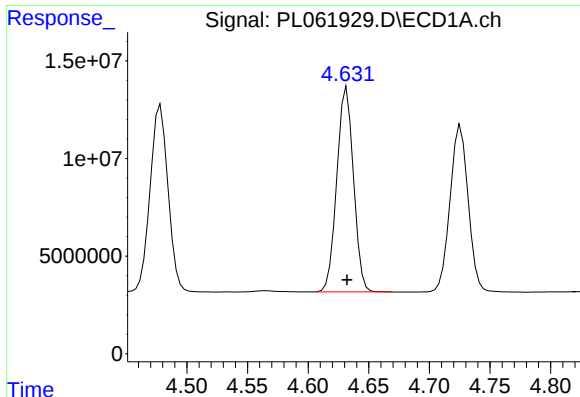
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: 0.000 min  
Response: 44472657  
Conc: 48.69 ng/ml



#6 beta-BHC

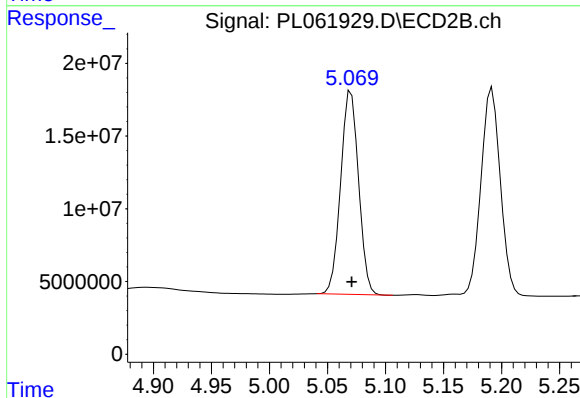
R.T.: 4.853 min  
Delta R.T.: 0.000 min  
Response: 69434856  
Conc: 45.98 ng/ml



#7 delta-BHC

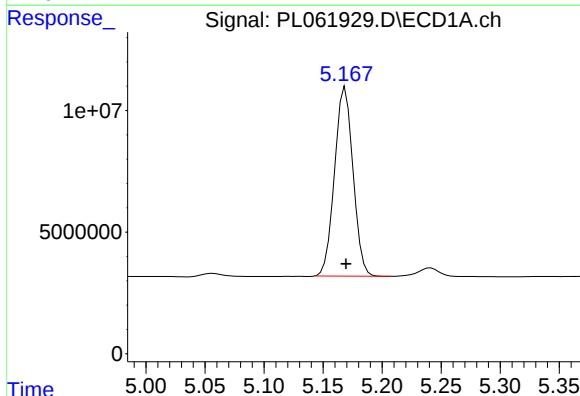
R.T.: 4.632 min  
Delta R.T.: 0.000 min  
Response: 100159670  
Conc: 48.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



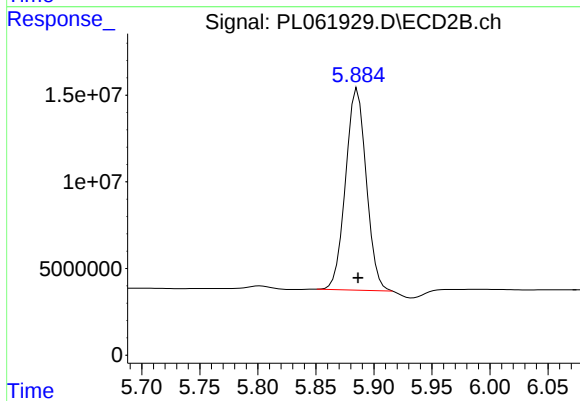
#7 delta-BHC

R.T.: 5.070 min  
Delta R.T.: 0.000 min  
Response: 150285531  
Conc: 58.98 ng/ml



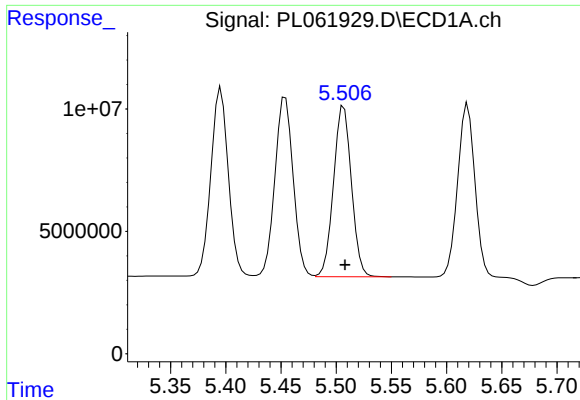
#8 Heptachlor epoxide

R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 84570611  
Conc: 48.44 ng/ml



#8 Heptachlor epoxide

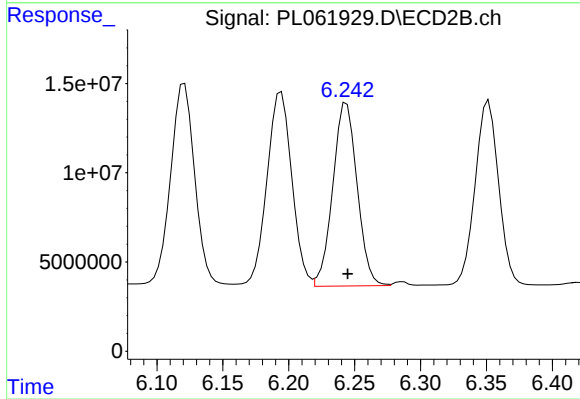
R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 144199673  
Conc: 58.18 ng/ml



#9 Endosulfan I

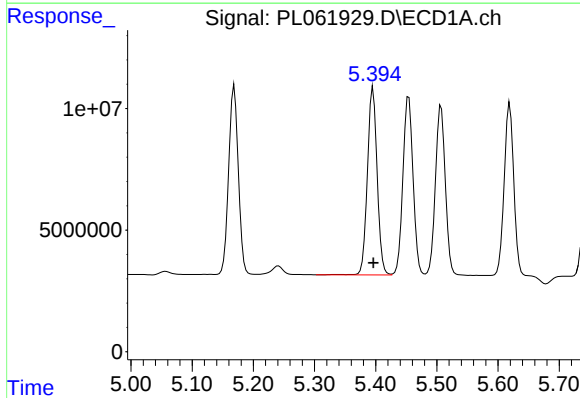
R.T.: 5.507 min  
Delta R.T.: 0.000 min  
Response: 78754983  
Conc: 48.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



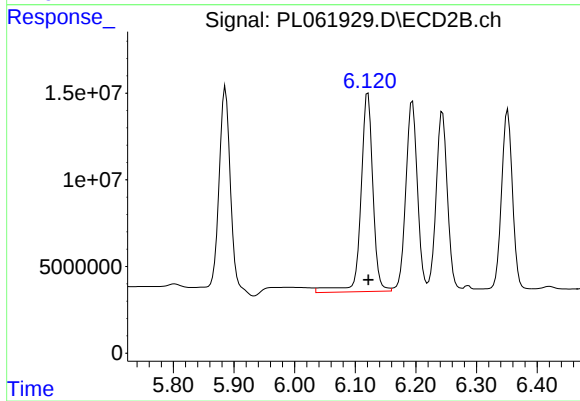
#9 Endosulfan I

R.T.: 6.244 min  
Delta R.T.: 0.000 min  
Response: 131621088  
Conc: 47.65 ng/ml



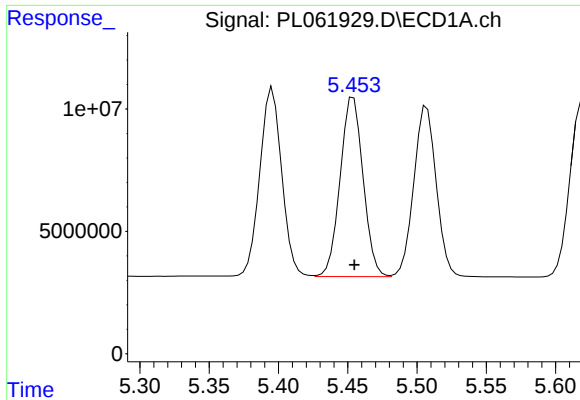
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 85298152  
Conc: 49.12 ng/ml



#10 gamma-Chlordane

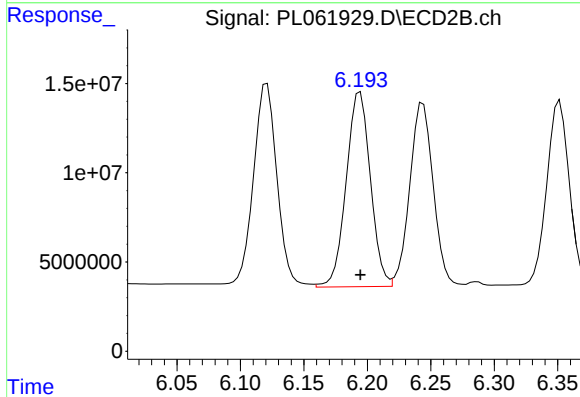
R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 158573472  
Conc: 54.00 ng/ml



#11 alpha-Chlordane

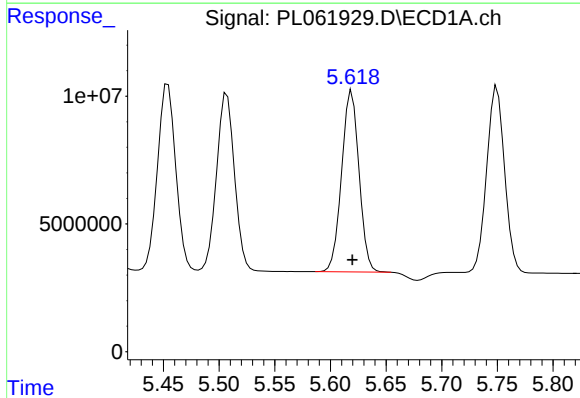
R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 84573011  
Conc: 48.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



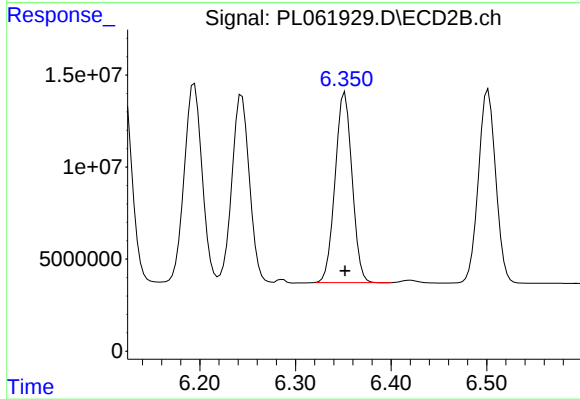
#11 alpha-Chlordane

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 144832696  
Conc: 48.22 ng/ml



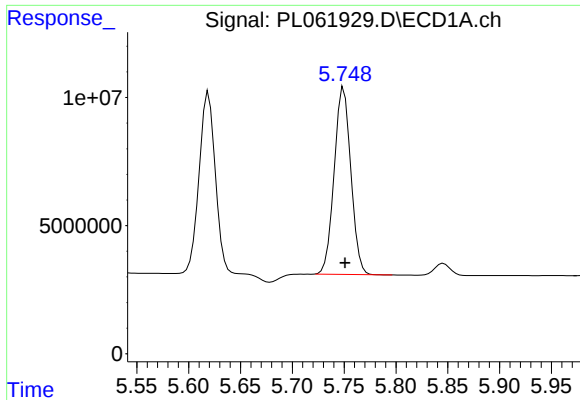
#12 4,4'-DDE

R.T.: 5.619 min  
Delta R.T.: 0.000 min  
Response: 77205701  
Conc: 49.12 ng/ml



#12 4,4'-DDE

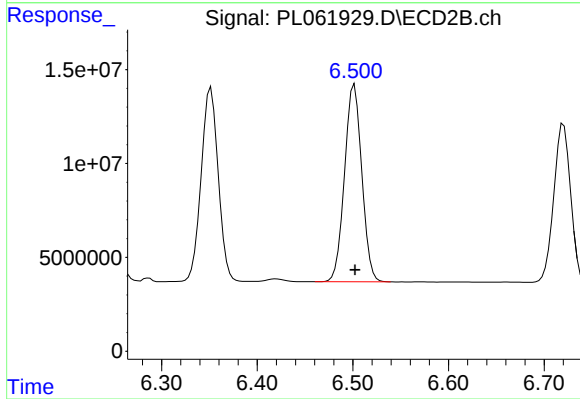
R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 127143739  
Conc: 46.58 ng/ml



#13 Dieldrin

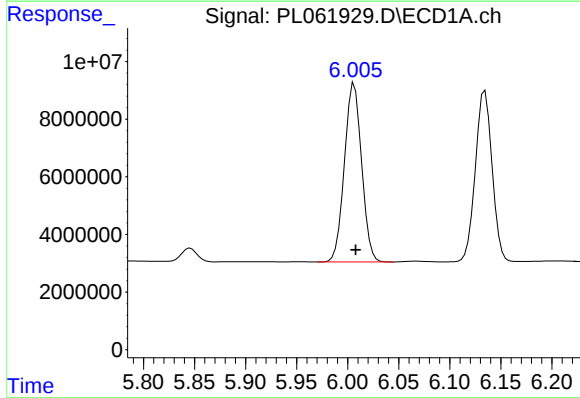
R.T.: 5.750 min  
Delta R.T.: -0.001 min  
Response: 81629938  
Conc: 48.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



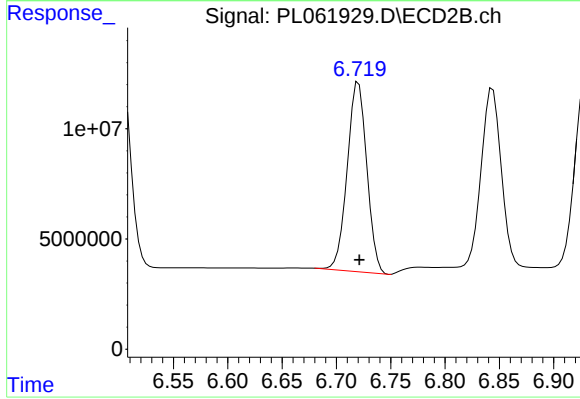
#13 Dieldrin

R.T.: 6.502 min  
Delta R.T.: 0.000 min  
Response: 132445241  
Conc: 46.69 ng/ml



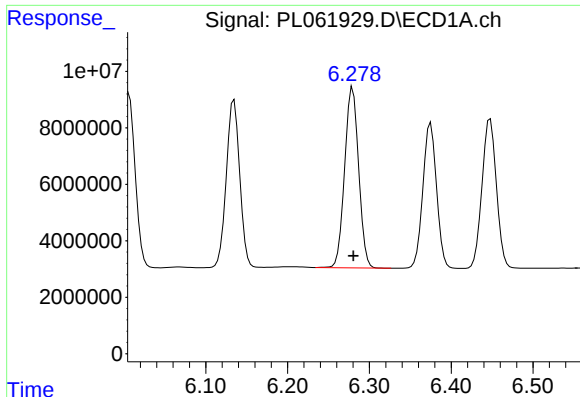
#14 Endrin

R.T.: 6.007 min  
Delta R.T.: -0.001 min  
Response: 72671334  
Conc: 45.67 ng/ml



#14 Endrin

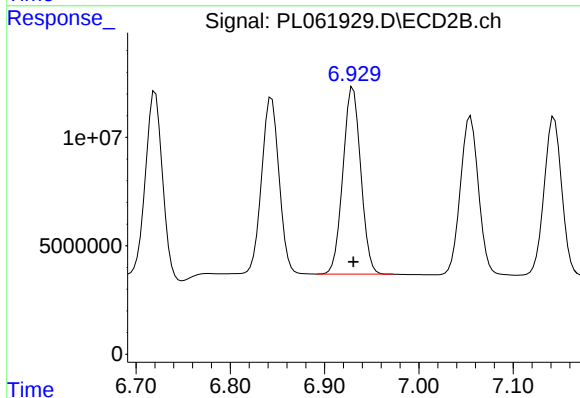
R.T.: 6.720 min  
Delta R.T.: 0.000 min  
Response: 108185987  
Conc: 44.35 ng/ml



#15 Endosulfan II

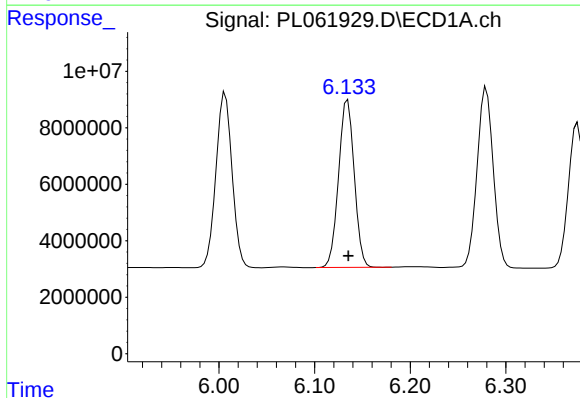
R.T.: 6.280 min  
Delta R.T.: -0.001 min  
Response: 75545471  
Conc: 46.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



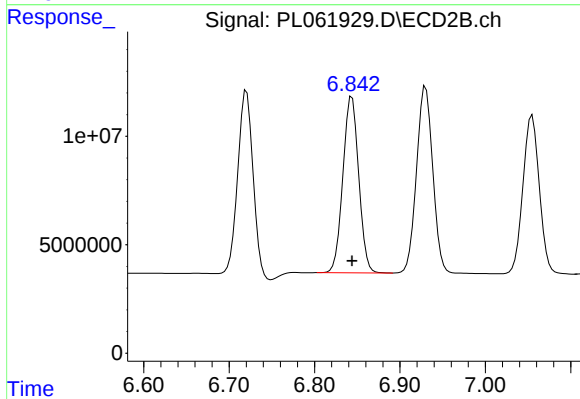
#15 Endosulfan II

R.T.: 6.930 min  
Delta R.T.: 0.000 min  
Response: 113594423  
Conc: 43.95 ng/ml



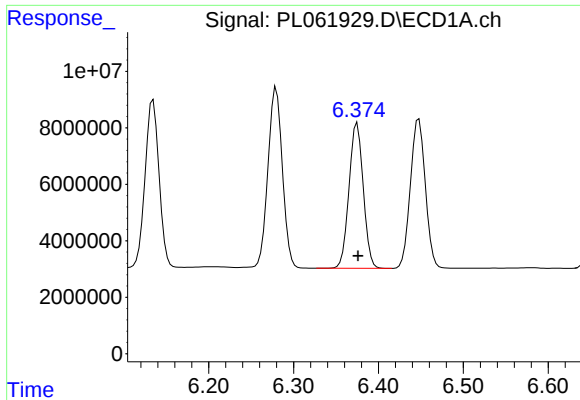
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 67611967  
Conc: 51.07 ng/ml



#16 4,4'-DDD

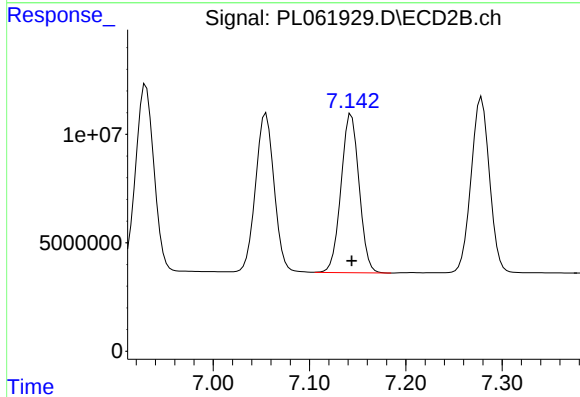
R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 104622773  
Conc: 47.06 ng/ml



#17 4,4'-DDT

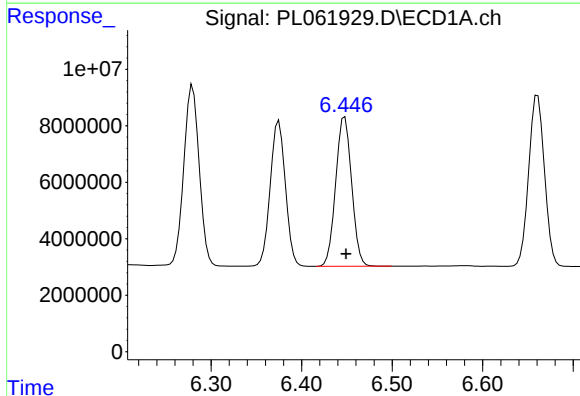
R.T.: 6.375 min  
Delta R.T.: -0.001 min  
Response: 59919835  
Conc: 47.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



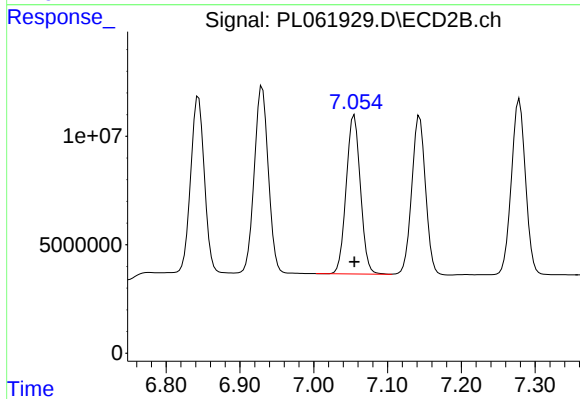
#17 4,4'-DDT

R.T.: 7.143 min  
Delta R.T.: 0.000 min  
Response: 95369119  
Conc: 43.55 ng/ml



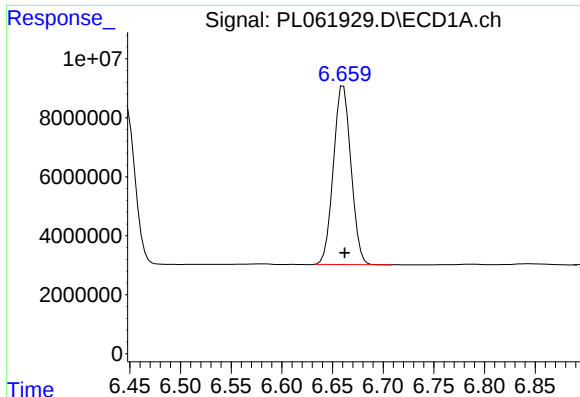
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: -0.001 min  
Response: 64764309  
Conc: 46.06 ng/ml



#18 Endrin aldehyde

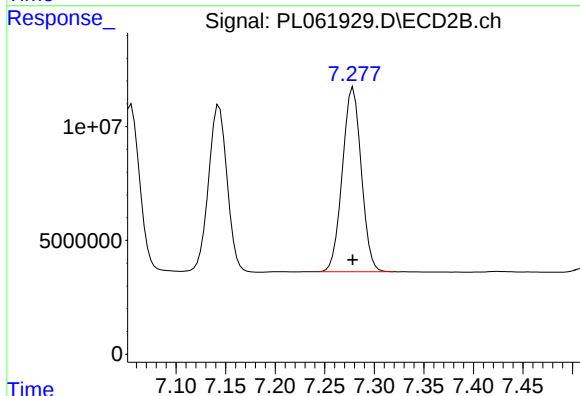
R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 98138892  
Conc: 45.85 ng/ml



#19 Endosulfan Sulfate

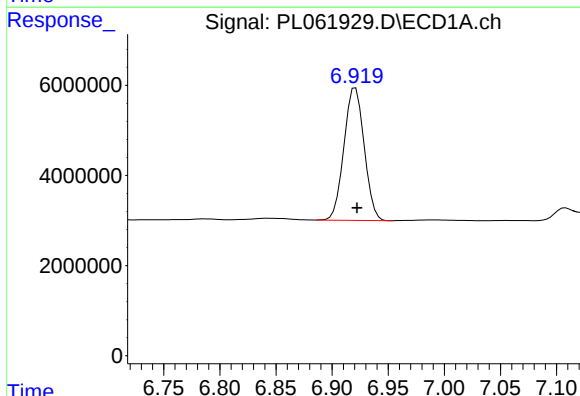
R.T.: 6.661 min  
Delta R.T.: -0.001 min  
Response: 73218750  
Conc: 47.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



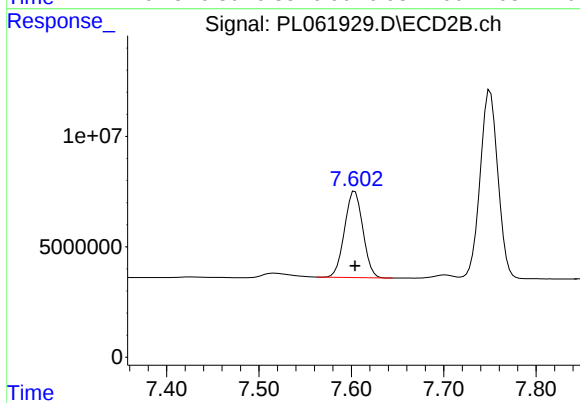
#19 Endosulfan Sulfate

R.T.: 7.279 min  
Delta R.T.: 0.000 min  
Response: 107480666  
Conc: 45.90 ng/ml



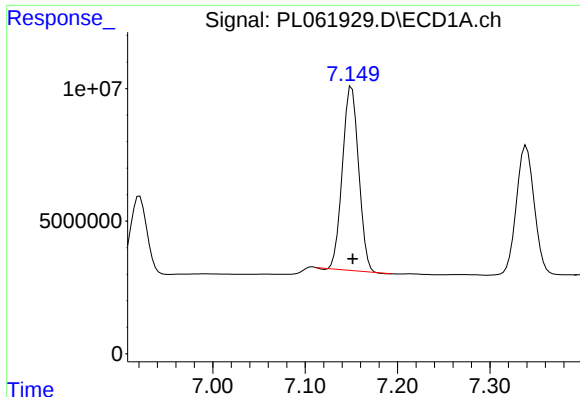
#20 Methoxychlor

R.T.: 6.921 min  
Delta R.T.: -0.002 min  
Response: 36897027  
Conc: 45.64 ng/ml



#20 Methoxychlor

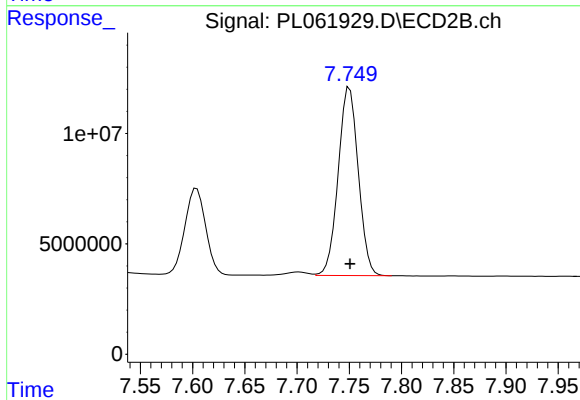
R.T.: 7.604 min  
Delta R.T.: 0.000 min  
Response: 53789587  
Conc: 42.69 ng/ml



#21 Endrin ketone

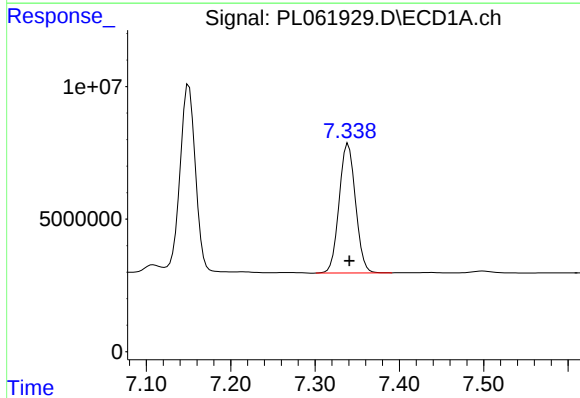
R.T.: 7.150 min  
Delta R.T.: -0.001 min  
Response: 84501842  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



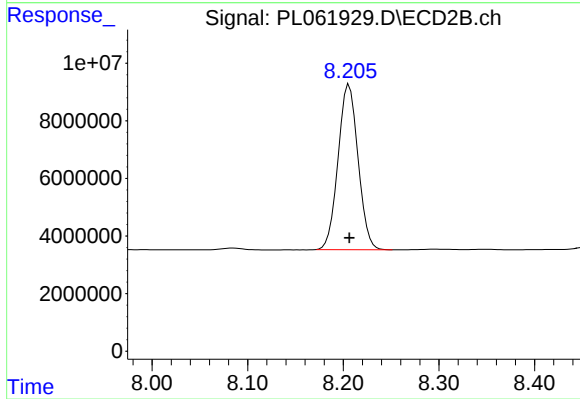
#21 Endrin ketone

R.T.: 7.750 min  
Delta R.T.: 0.000 min  
Response: 114065962  
Conc: 48.60 ng/ml



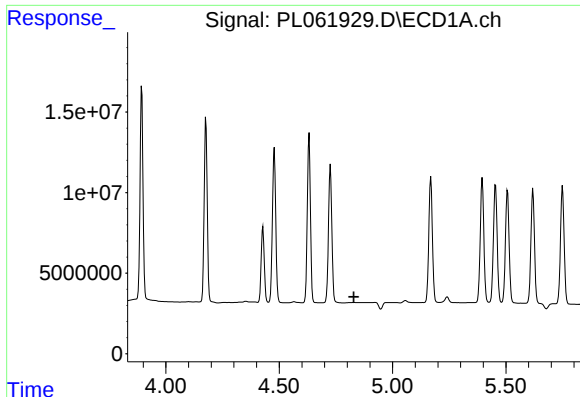
#22 Mirex

R.T.: 7.339 min  
Delta R.T.: -0.001 min  
Response: 65842868  
Conc: 46.97 ng/ml



#22 Mirex

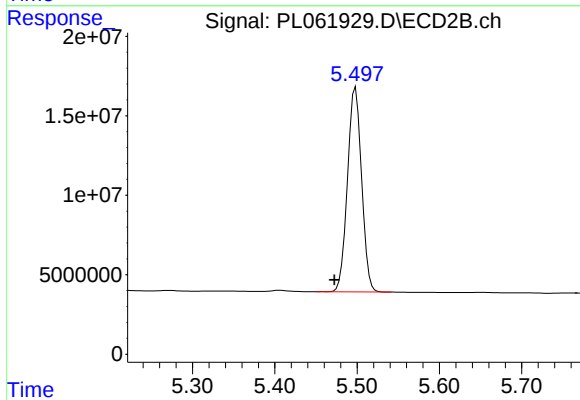
R.T.: 8.206 min  
Delta R.T.: 0.000 min  
Response: 83573295  
Conc: 47.43 ng/ml



#24 Chlordane-2

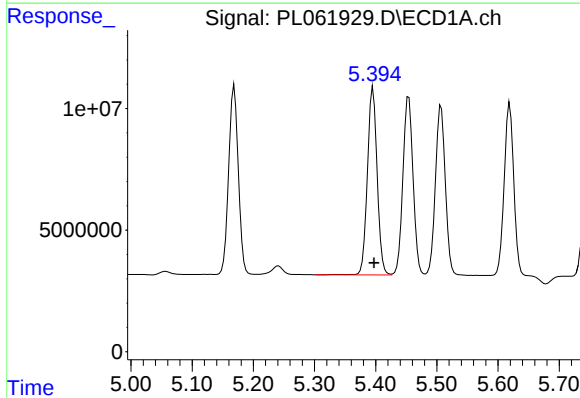
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



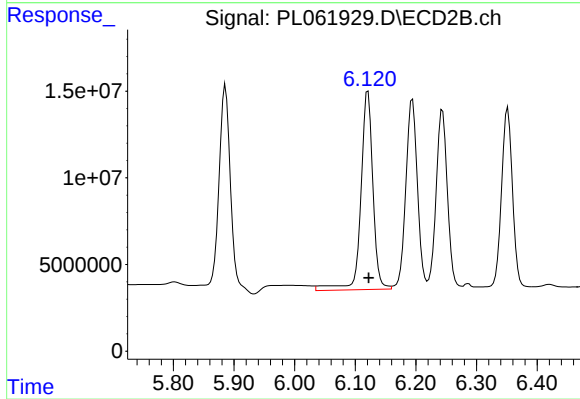
#24 Chlordane-2

R.T.: 5.498 min  
Delta R.T.: 0.026 min  
Response: 153803290  
Conc: 1494.62 ng/ml



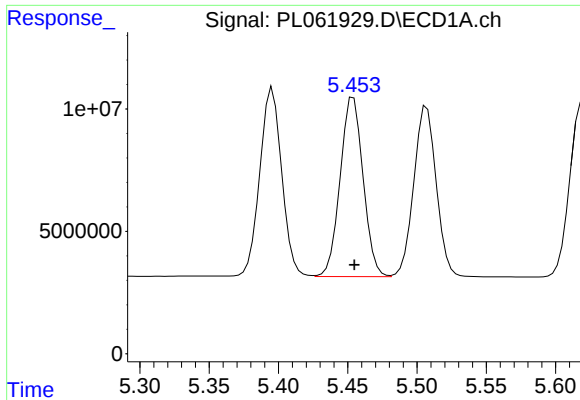
#25 Chlordane-3

R.T.: 5.396 min  
Delta R.T.: -0.002 min  
Response: 85298152  
Conc: 542.67 ng/ml



#25 Chlordane-3

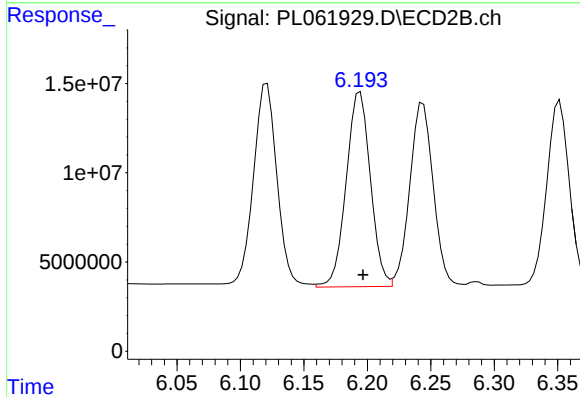
R.T.: 6.121 min  
Delta R.T.: -0.001 min  
Response: 158573472  
Conc: 432.74 ng/ml



#26 Chlordane-4

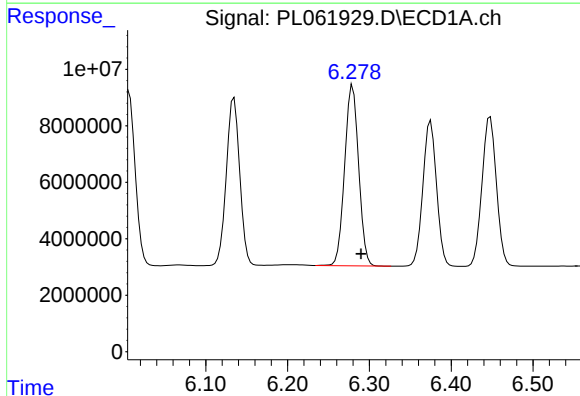
R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 84573011  
Conc: 648.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



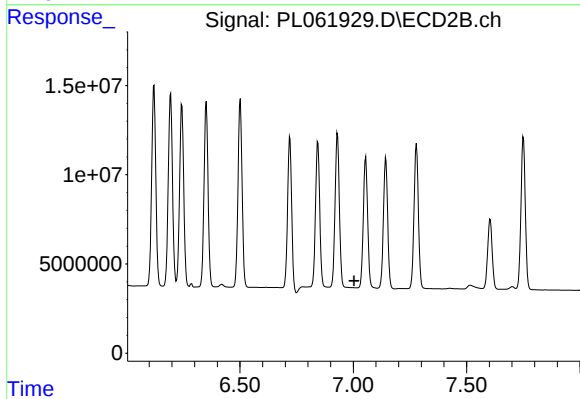
#26 Chlordane-4

R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 144832696  
Conc: 322.63 ng/ml



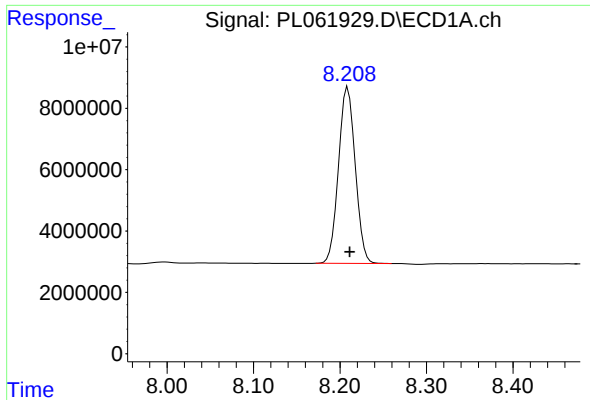
#27 Chlordane-5

R.T.: 6.280 min  
Delta R.T.: -0.010 min  
Response: 75545471  
Conc: 1385.49 ng/ml



#27 Chlordane-5

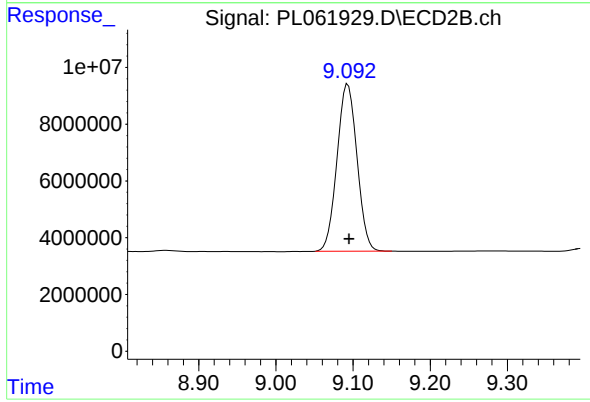
R.T.: 0.000 min  
Exp R.T.: 7.004 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.209 min  
Delta R.T.: -0.002 min  
Response: 76826431  
Conc: 47.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.093 min  
Delta R.T.: -0.001 min  
Response: 105958345  
Conc: 48.13 ng/ml