

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070119\  
 Data File : PL050099.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Jul 2019 19:43  
 Operator : SM\AJ  
 Sample : PB121058BSD  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB121058BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 02 01:30:11 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 21 02:23:20 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... | 3.322 | 3.933  | 191.8E6  | 53455785 | 17.006   | 17.459     |
| 28)                         | SA Decachlor... | 7.987 | 8.967  | 235.5E6  | 62211066 | 18.532   | 18.532     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.750 | 4.321  | 938.8E6  | 221.2E6  | 49.970   | 49.406     |
| 3)                          | MA gamma-BHC... | 4.026 | 4.605  | 906.8E6  | 210.8E6  | 51.144   | 50.823     |
| 4)                          | MA Heptachlor   | 4.310 | 5.107  | 973.6E6  | 228.0E6  | 53.560   | 52.685     |
| 5)                          | MB Aldrin       | 4.548 | 5.410  | 931.2E6  | 213.3E6  | 53.924   | 54.457     |
| 6)                          | B beta-BHC      | 4.280 | 4.781  | 379.9E6  | 98325407 | 51.942   | 50.761     |
| 7)                          | B delta-BHC     | 4.474 | 4.995  | 855.8E6  | 187.9E6  | 47.853   | 47.700     |
| 8)                          | B Heptachlo...  | 4.985 | 5.796  | 850.8E6  | 203.8E6  | 52.855   | 56.046     |
| 9)                          | A Endosulfan I  | 5.315 | 6.151  | 872.2E6  | 180.8E6  | 56.373   | 53.224     |
| 10)                         | B gamma-Chl...  | 5.207 | 6.030  | 924.4E6  | 195.1E6  | 54.094   | 52.359     |
| 11)                         | B alpha-Chl...  | 5.263 | 6.102  | 890.8E6  | 193.6E6  | 53.667   | 52.343     |
| 12)                         | B 4,4'-DDE      | 5.430 | 6.262  | 1010.8E6 | 188.1E6  | 60.678   | 54.216     |
| 13)                         | MA Dieldrin     | 5.554 | 6.408  | 889.9E6  | 187.6E6  | 53.422   | 52.877     |
| 14)                         | MA Endrin       | 5.807 | 6.625  | 862.4E6  | 167.0E6  | 53.850   | 52.886     |
| 15)                         | B Endosulfa...  | 6.082 | 6.837  | 760.9E6  | 163.4E6  | 52.216   | 50.735     |
| 16)                         | A 4,4'-DDD      | 5.941 | 6.753  | 704.1E6  | 141.6E6  | 55.772   | 54.152     |
| 17)                         | MA 4,4'-DDT     | 6.176 | 7.050  | 706.1E6  | 150.6E6  | 53.190   | 51.408     |
| 18)                         | B Endrin al...  | 6.249 | 6.961  | 623.0E6  | 139.7E6  | 52.740   | 50.853     |
| 19)                         | B Endosulfa...  | 6.460 | 7.184  | 694.3E6  | 155.1E6  | 53.552   | 51.549     |
| 20)                         | A Methoxychlor  | 6.721 | 7.510  | 345.9E6  | 118.5E6  | 53.071   | 71.121 #   |
| 21)                         | B Endrin ke...  | 6.941 | 7.653  | 248.0E6  | 167.8E6  | 17.647   | 53.850 #   |
| 22)                         | Mirex           | 7.115 | 8.102  | 575.9E6  | 139.1E6  | 55.716   | 55.007     |
| 24)                         | Chlordane-2     | 0.000 | 5.410f | 0        | 213.3E6  | N.D.     | 1373.189 # |
| 25)                         | Chlordane-3     | 5.207 | 6.030  | 924.4E6  | 195.1E6  | 492.168  | 392.092    |
| 26)                         | Chlordane-4     | 5.263 | 6.102  | 890.8E6  | 193.6E6  | 510.455  | 325.716 #  |
| 27)                         | Chlordane-5     | 6.082 | 0.000  | 760.9E6  | 0        | 1355.761 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

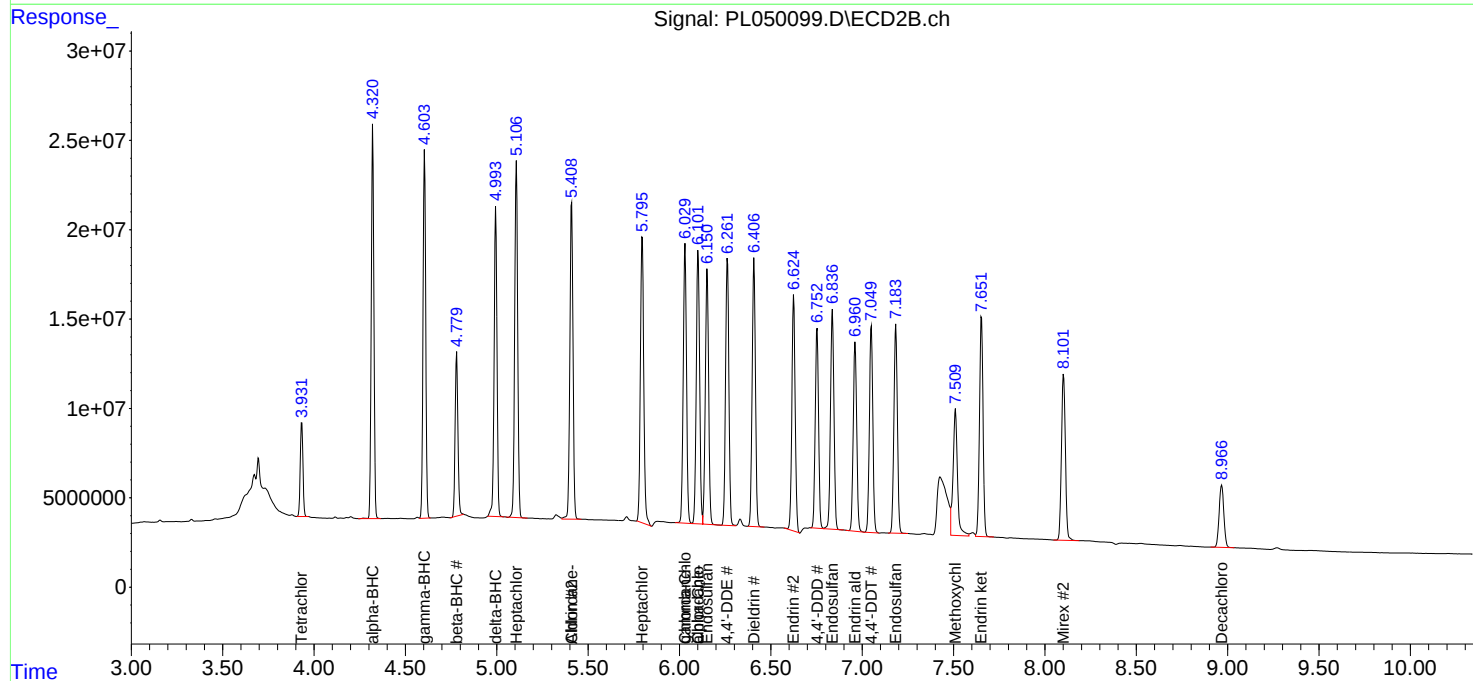
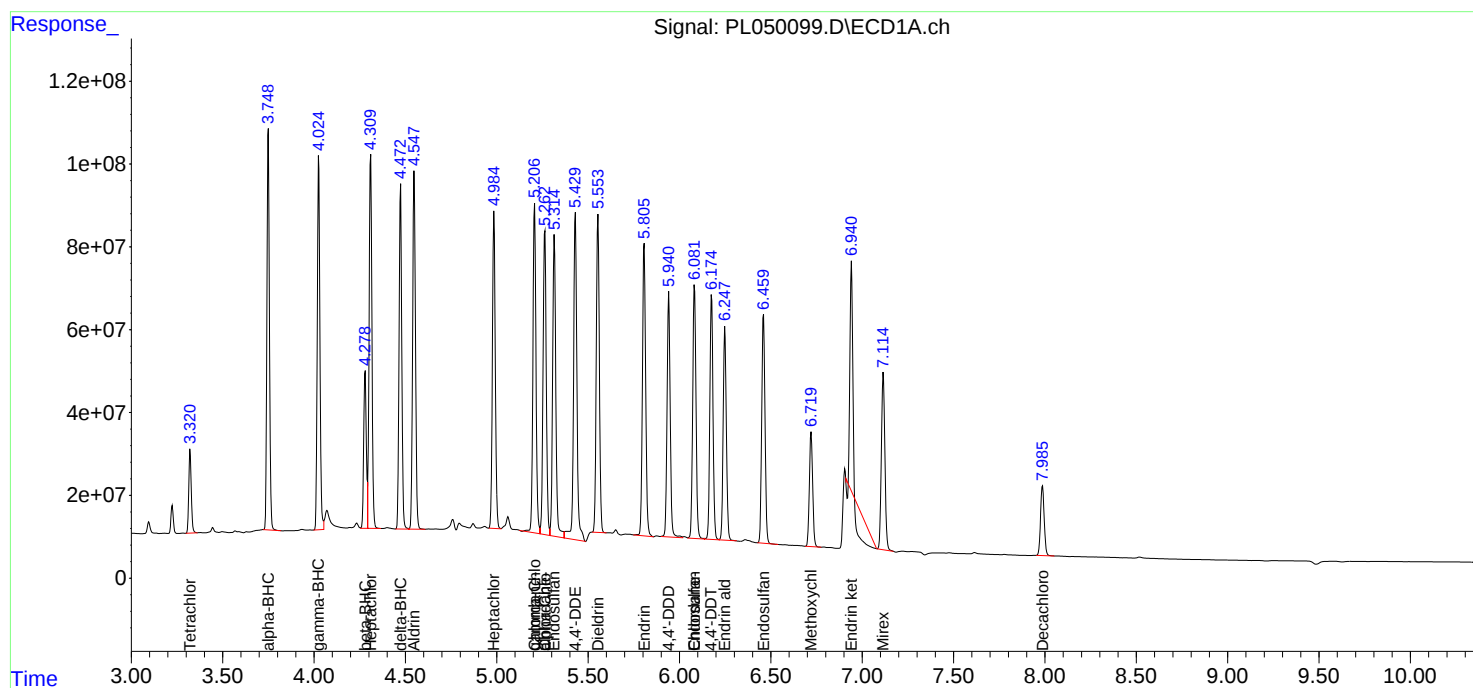
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

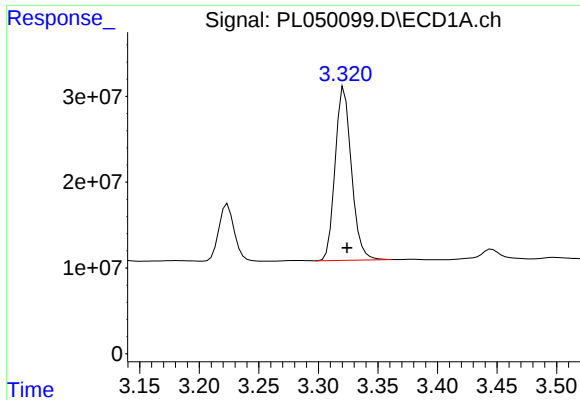
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070119\  
Data File : PL050099.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Jul 2019 19:43  
Operator : SM\AJ  
Sample : PB121058BSD  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB121058BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 02 01:30:11 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 21 02:23:20 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

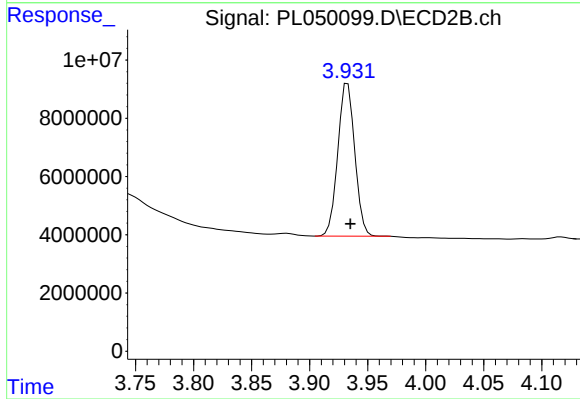




#1 Tetrachloro-m-xylene

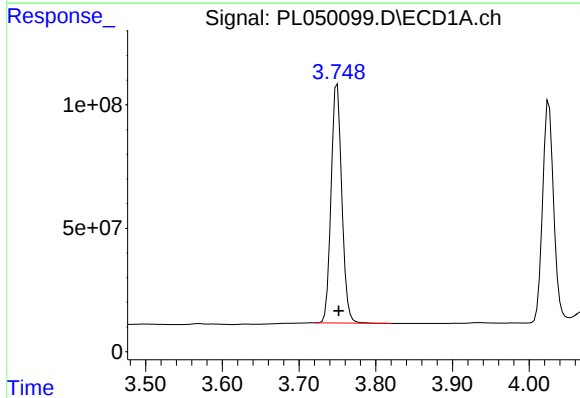
R.T.: 3.322 min  
Delta R.T.: -0.002 min  
Response: 191790658  
Conc: 17.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121058BSD



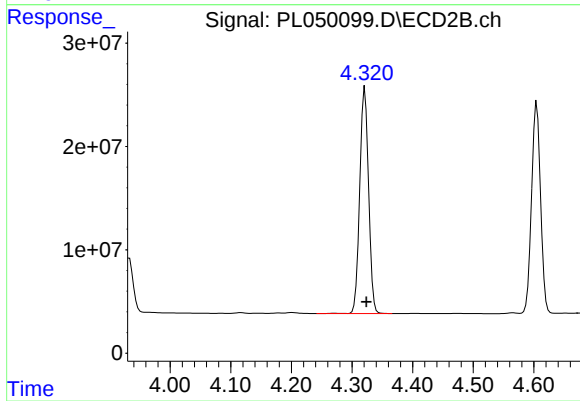
#1 Tetrachloro-m-xylene

R.T.: 3.933 min  
Delta R.T.: -0.002 min  
Response: 53455785  
Conc: 17.46 ng/ml



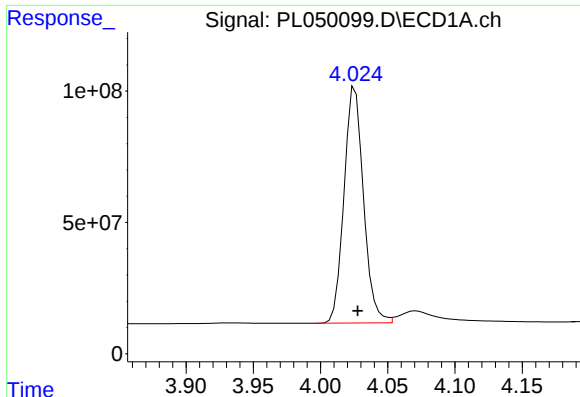
#2 alpha-BHC

R.T.: 3.750 min  
Delta R.T.: -0.002 min  
Response: 938794211  
Conc: 49.97 ng/ml



#2 alpha-BHC

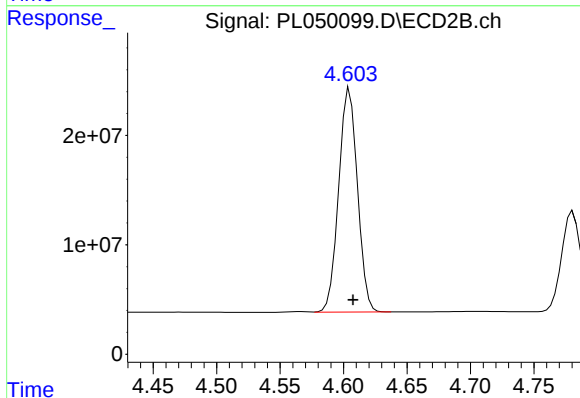
R.T.: 4.321 min  
Delta R.T.: -0.002 min  
Response: 221168500  
Conc: 49.41 ng/ml



#3 gamma-BHC (Lindane)

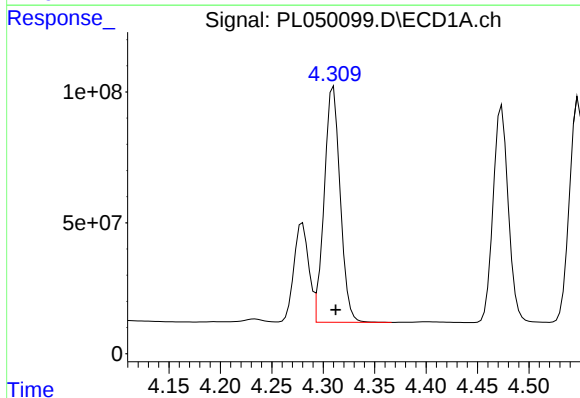
R.T.: 4.026 min  
Delta R.T.: -0.002 min  
Response: 906810706  
Conc: 51.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121058BSD



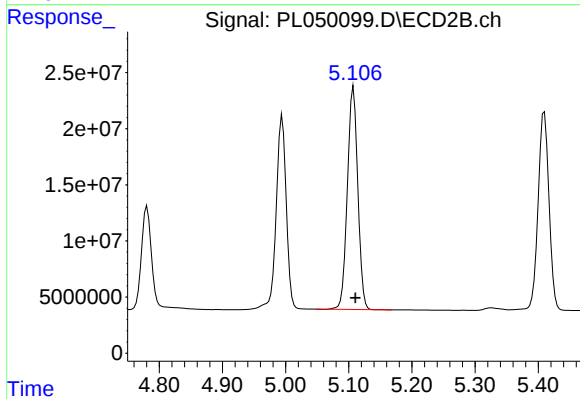
#3 gamma-BHC (Lindane)

R.T.: 4.605 min  
Delta R.T.: -0.002 min  
Response: 210802907  
Conc: 50.82 ng/ml



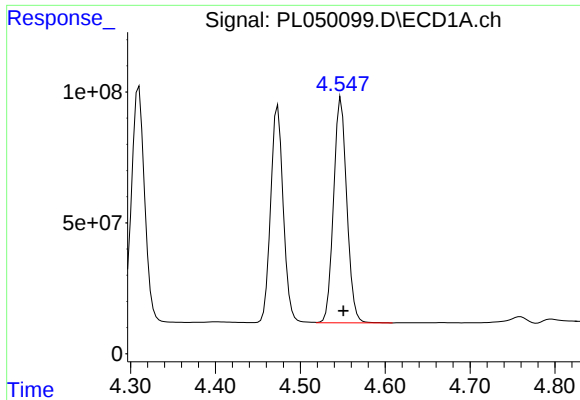
#4 Heptachlor

R.T.: 4.310 min  
Delta R.T.: -0.002 min  
Response: 973574464  
Conc: 53.56 ng/ml



#4 Heptachlor

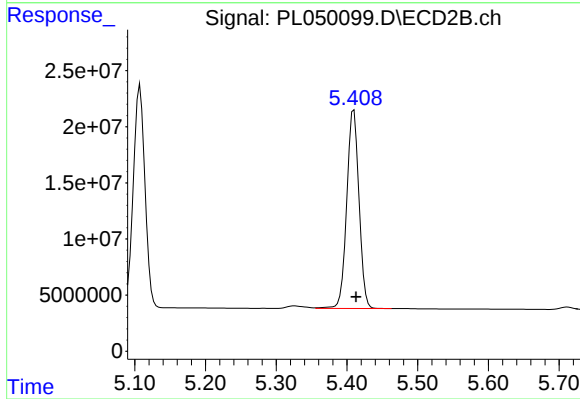
R.T.: 5.107 min  
Delta R.T.: -0.003 min  
Response: 228043699  
Conc: 52.68 ng/ml



#5 Aldrin

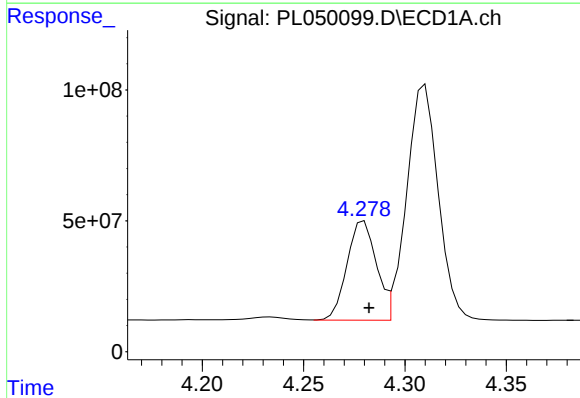
R.T.: 4.548 min  
Delta R.T.: -0.003 min  
Response: 931161374  
Conc: 53.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121058BSD



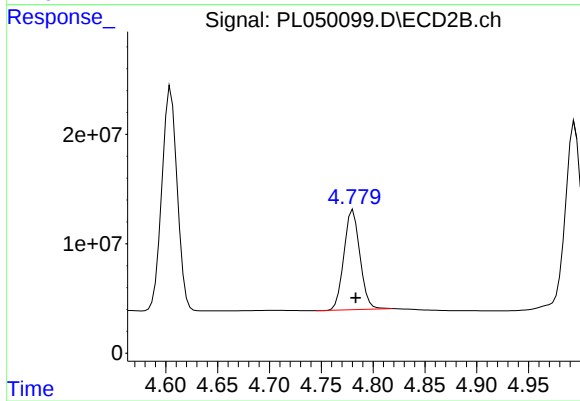
#5 Aldrin

R.T.: 5.410 min  
Delta R.T.: -0.003 min  
Response: 213311553  
Conc: 54.46 ng/ml



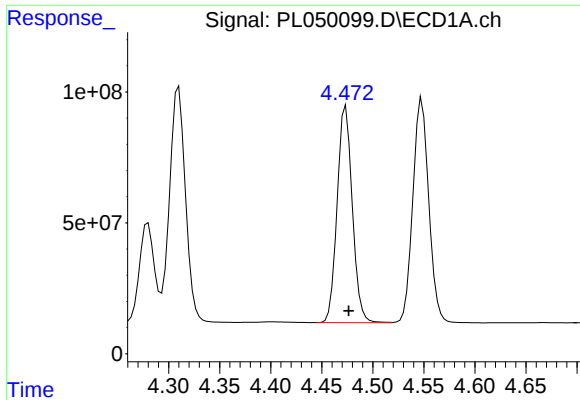
#6 beta-BHC

R.T.: 4.280 min  
Delta R.T.: -0.002 min  
Response: 379942320  
Conc: 51.94 ng/ml



#6 beta-BHC

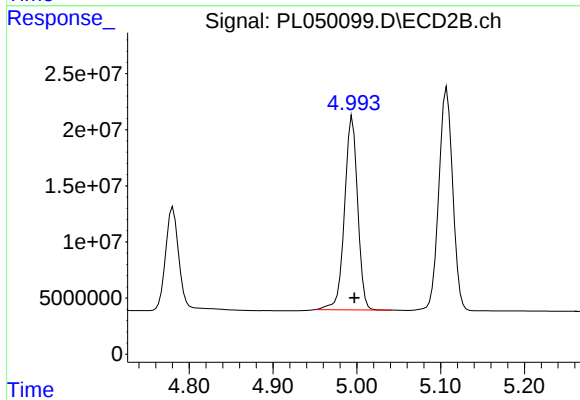
R.T.: 4.781 min  
Delta R.T.: -0.002 min  
Response: 98325407  
Conc: 50.76 ng/ml



#7 delta-BHC

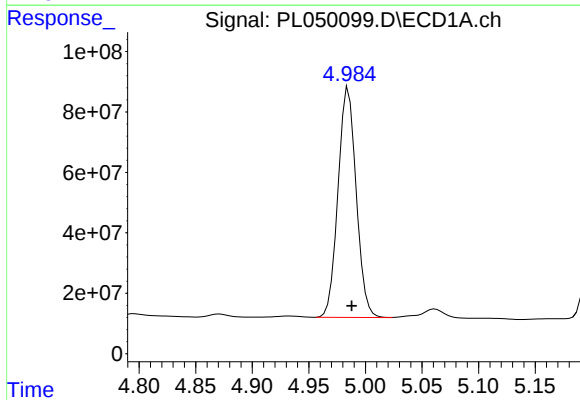
R.T.: 4.474 min  
Delta R.T.: -0.003 min  
Response: 855803016  
Conc: 47.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121058BSD



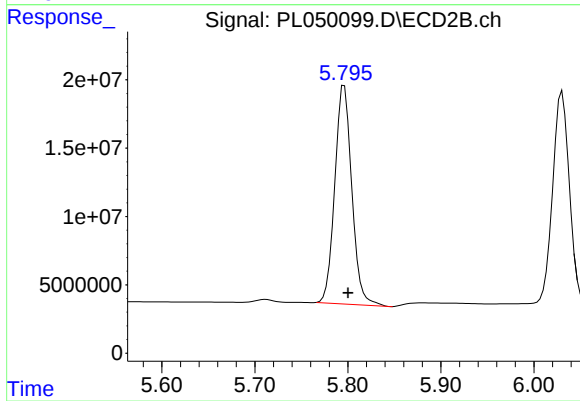
#7 delta-BHC

R.T.: 4.995 min  
Delta R.T.: -0.002 min  
Response: 187885483  
Conc: 47.70 ng/ml



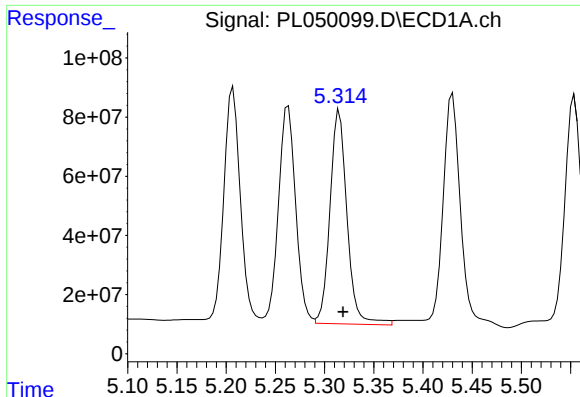
#8 Heptachlor epoxide

R.T.: 4.985 min  
Delta R.T.: -0.003 min  
Response: 850827379  
Conc: 52.86 ng/ml



#8 Heptachlor epoxide

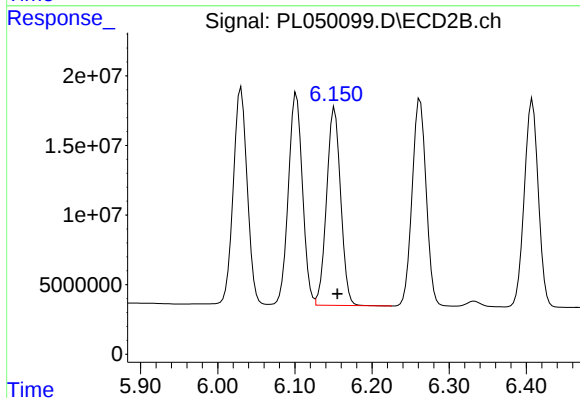
R.T.: 5.796 min  
Delta R.T.: -0.004 min  
Response: 203769091  
Conc: 56.05 ng/ml



#9 Endosulfan I

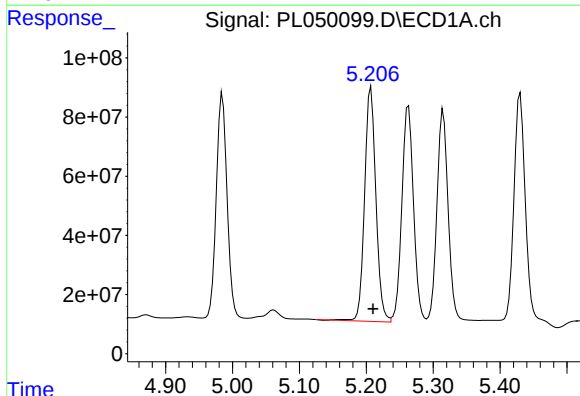
R.T.: 5.315 min  
Delta R.T.: -0.004 min  
Response: 872226812  
Conc: 56.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121058BSD



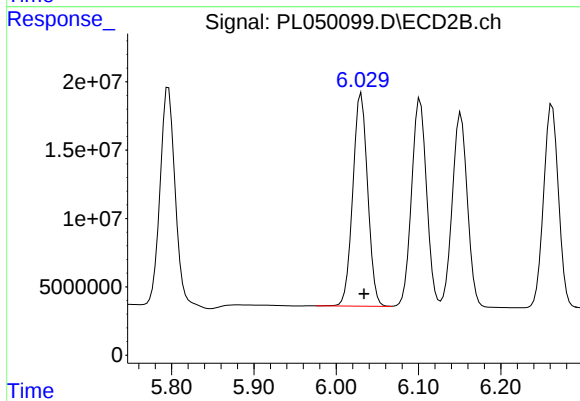
#9 Endosulfan I

R.T.: 6.151 min  
Delta R.T.: -0.004 min  
Response: 180822933  
Conc: 53.22 ng/ml



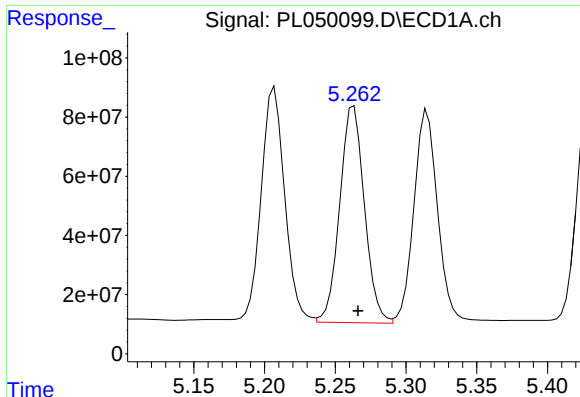
#10 gamma-Chlordane

R.T.: 5.207 min  
Delta R.T.: -0.003 min  
Response: 924397259  
Conc: 54.09 ng/ml



#10 gamma-Chlordane

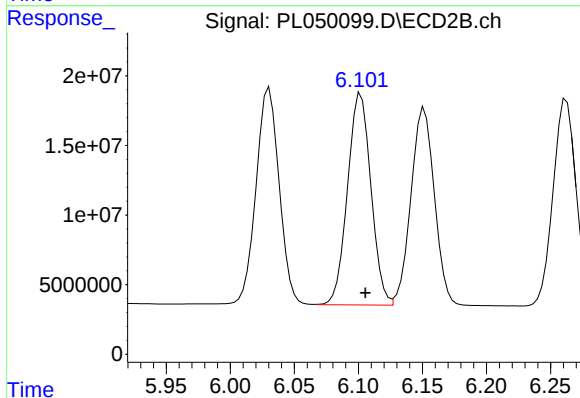
R.T.: 6.030 min  
Delta R.T.: -0.004 min  
Response: 195114721  
Conc: 52.36 ng/ml



#11 alpha-Chlordane

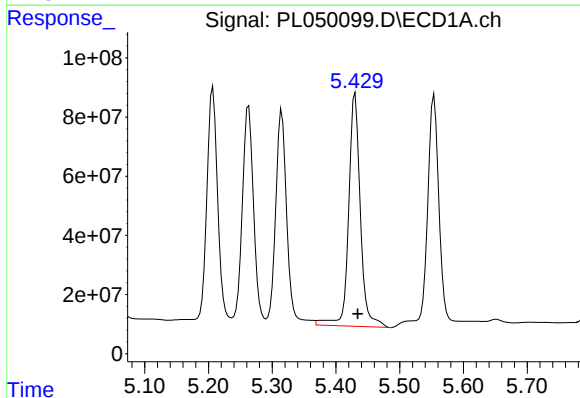
R.T.: 5.263 min  
Delta R.T.: -0.003 min  
Response: 890815484  
Conc: 53.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121058BSD



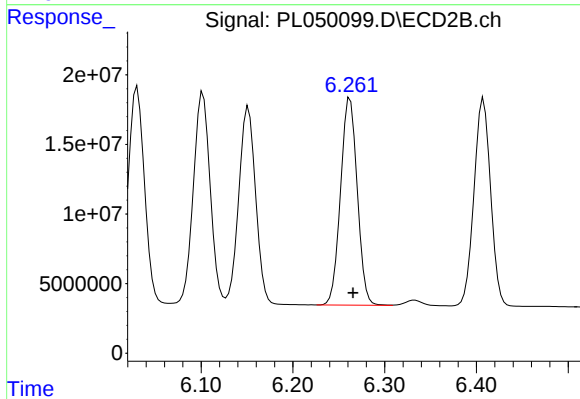
#11 alpha-Chlordane

R.T.: 6.102 min  
Delta R.T.: -0.004 min  
Response: 193587100  
Conc: 52.34 ng/ml



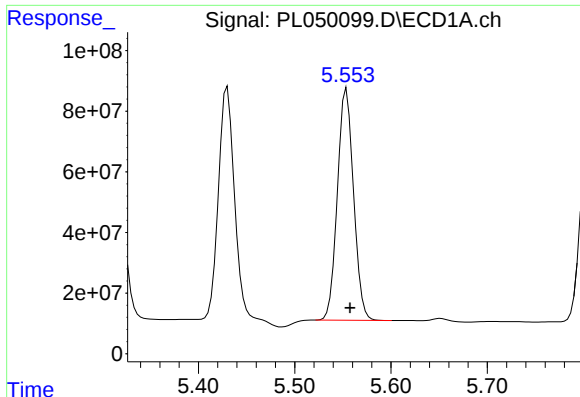
#12 4,4'-DDE

R.T.: 5.430 min  
Delta R.T.: -0.004 min  
Response: 1010842995  
Conc: 60.68 ng/ml



#12 4,4'-DDE

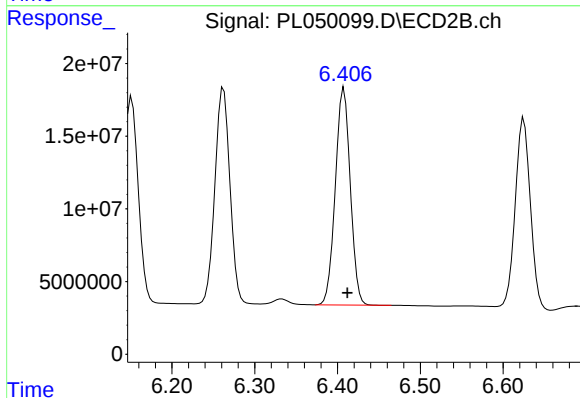
R.T.: 6.262 min  
Delta R.T.: -0.003 min  
Response: 188135431  
Conc: 54.22 ng/ml



#13 Dieldrin

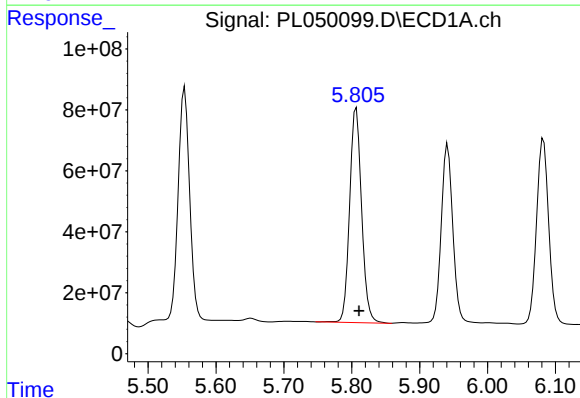
R.T.: 5.554 min  
Delta R.T.: -0.004 min  
Response: 889900015  
Conc: 53.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121058BSD



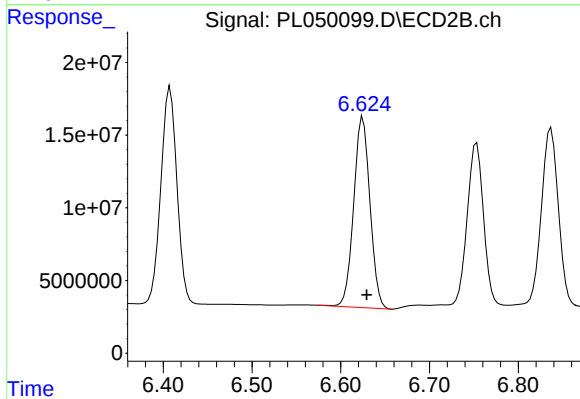
#13 Dieldrin

R.T.: 6.408 min  
Delta R.T.: -0.004 min  
Response: 187583063  
Conc: 52.88 ng/ml



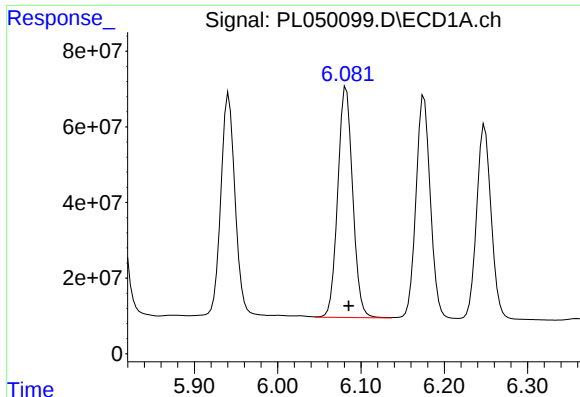
#14 Endrin

R.T.: 5.807 min  
Delta R.T.: -0.004 min  
Response: 862394660  
Conc: 53.85 ng/ml



#14 Endrin

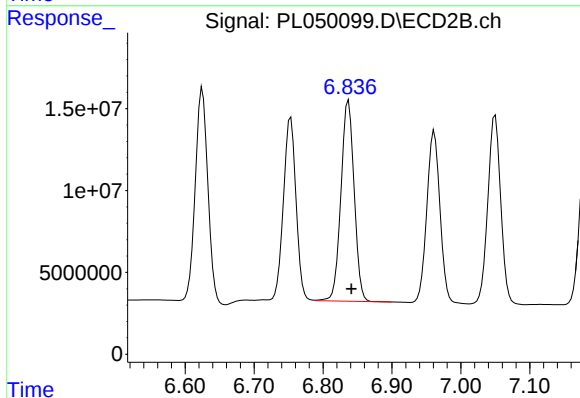
R.T.: 6.625 min  
Delta R.T.: -0.004 min  
Response: 166972167  
Conc: 52.89 ng/ml



#15 Endosulfan II

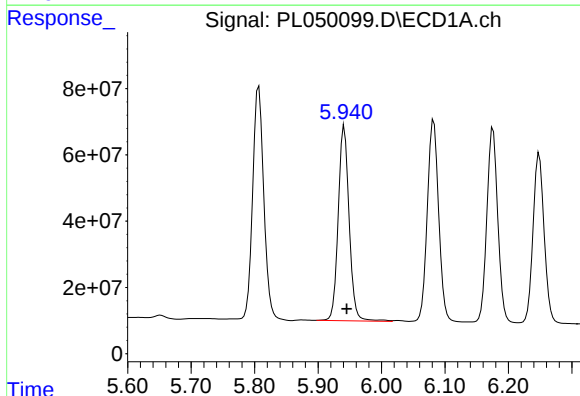
R.T.: 6.082 min  
Delta R.T.: -0.003 min  
Response: 760863132  
Conc: 52.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121058BSD



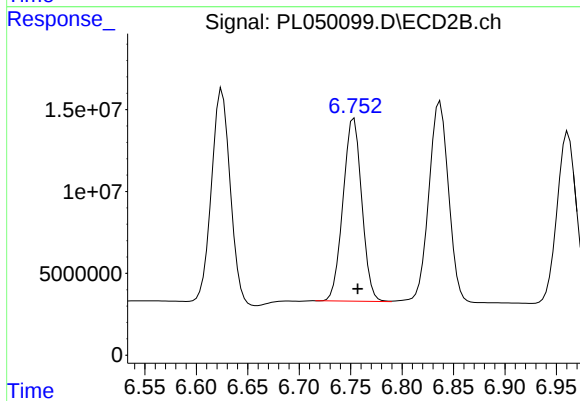
#15 Endosulfan II

R.T.: 6.837 min  
Delta R.T.: -0.004 min  
Response: 163413004  
Conc: 50.74 ng/ml



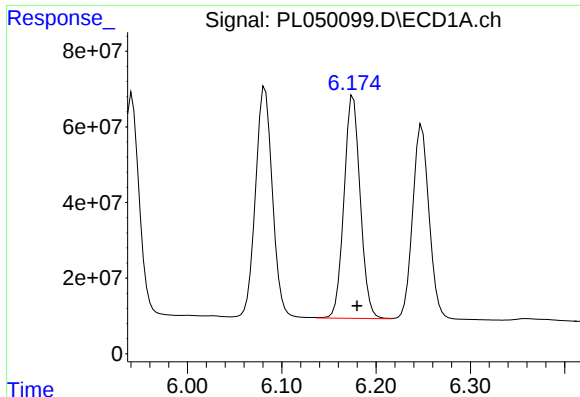
#16 4,4'-DDD

R.T.: 5.941 min  
Delta R.T.: -0.004 min  
Response: 704071126  
Conc: 55.77 ng/ml



#16 4,4'-DDD

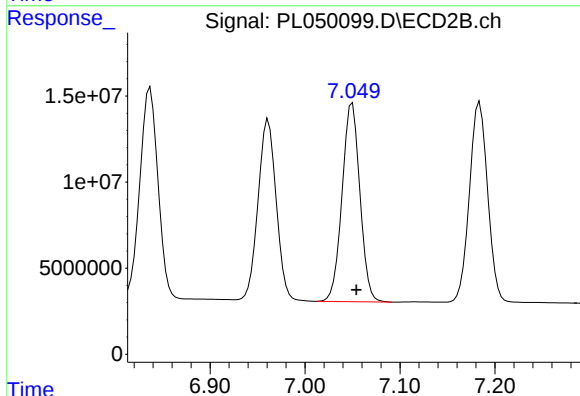
R.T.: 6.753 min  
Delta R.T.: -0.004 min  
Response: 141567543  
Conc: 54.15 ng/ml



#17 4,4'-DDT

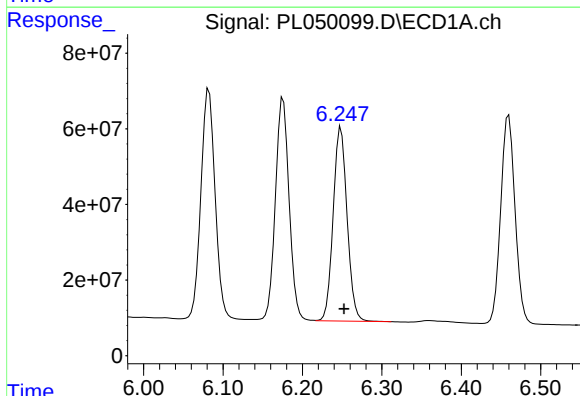
R.T.: 6.176 min  
Delta R.T.: -0.004 min  
Response: 706138756  
Conc: 53.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121058BSD



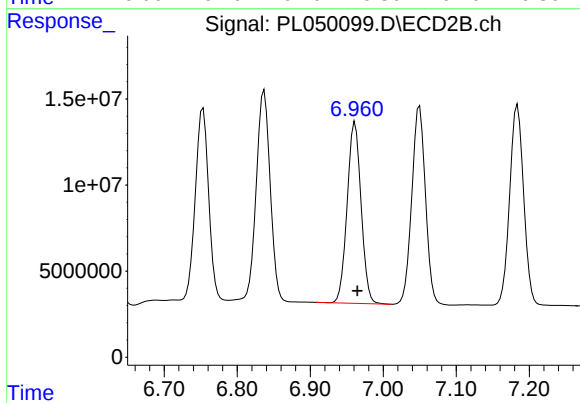
#17 4,4'-DDT

R.T.: 7.050 min  
Delta R.T.: -0.004 min  
Response: 150562440  
Conc: 51.41 ng/ml



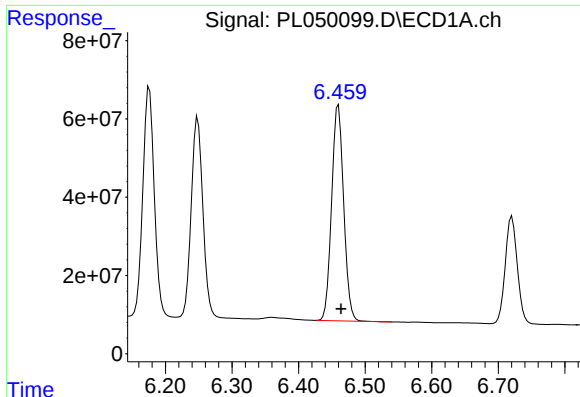
#18 Endrin aldehyde

R.T.: 6.249 min  
Delta R.T.: -0.004 min  
Response: 622954229  
Conc: 52.74 ng/ml



#18 Endrin aldehyde

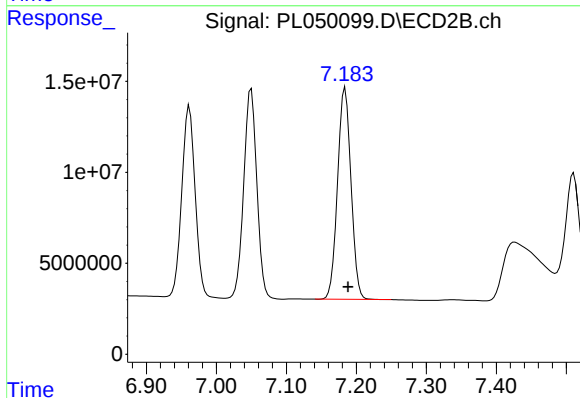
R.T.: 6.961 min  
Delta R.T.: -0.004 min  
Response: 139660532  
Conc: 50.85 ng/ml



#19 Endosulfan Sulfate

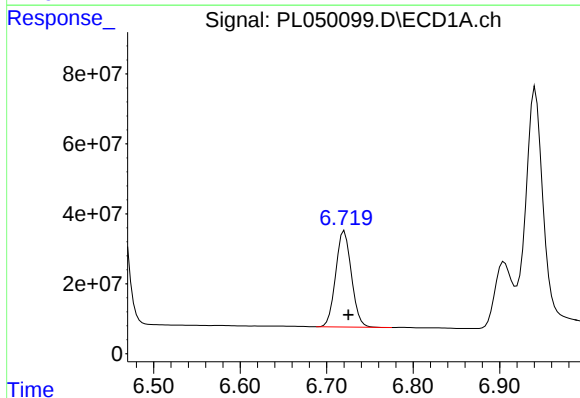
R.T.: 6.460 min  
Delta R.T.: -0.004 min  
Response: 694332056  
Conc: 53.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121058BSD



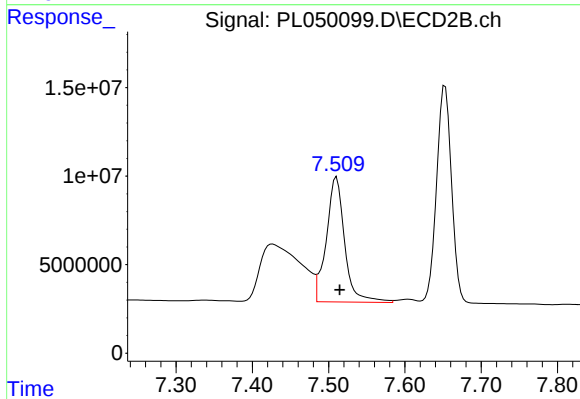
#19 Endosulfan Sulfate

R.T.: 7.184 min  
Delta R.T.: -0.004 min  
Response: 155140456  
Conc: 51.55 ng/ml



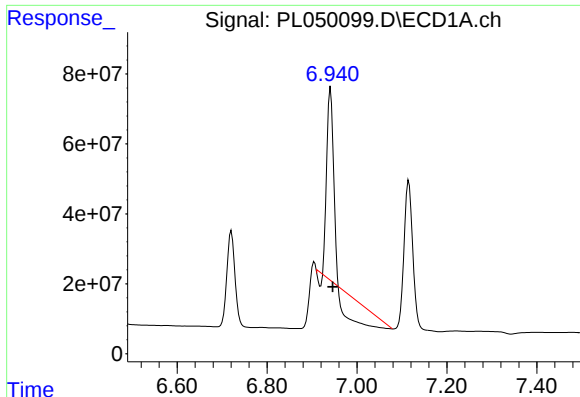
#20 Methoxychlor

R.T.: 6.721 min  
Delta R.T.: -0.004 min  
Response: 345929520  
Conc: 53.07 ng/ml



#20 Methoxychlor

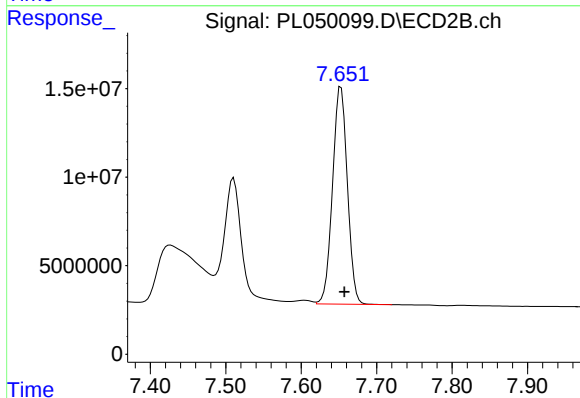
R.T.: 7.510 min  
Delta R.T.: -0.004 min  
Response: 118542794  
Conc: 71.12 ng/ml



#21 Endrin ketone

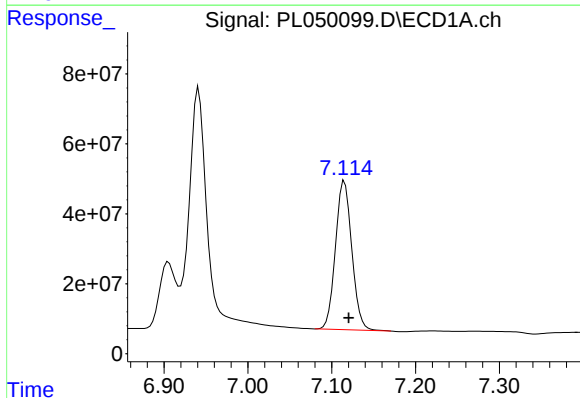
R.T.: 6.941 min  
Delta R.T.: -0.005 min  
Response: 248033725  
Conc: 17.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121058BSD



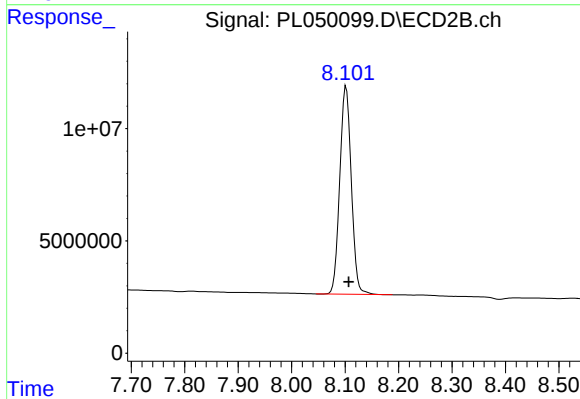
#21 Endrin ketone

R.T.: 7.653 min  
Delta R.T.: -0.005 min  
Response: 167807551  
Conc: 53.85 ng/ml



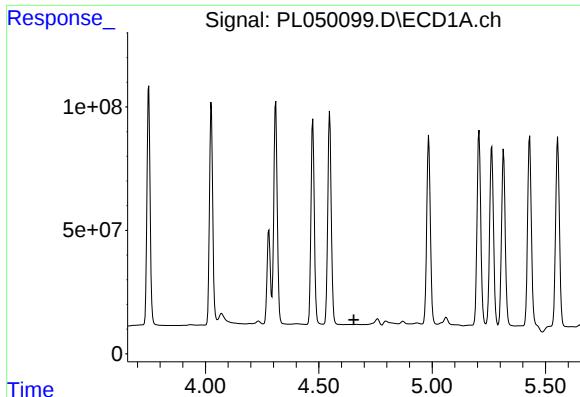
#22 Mirex

R.T.: 7.115 min  
Delta R.T.: -0.005 min  
Response: 575926970  
Conc: 55.72 ng/ml



#22 Mirex

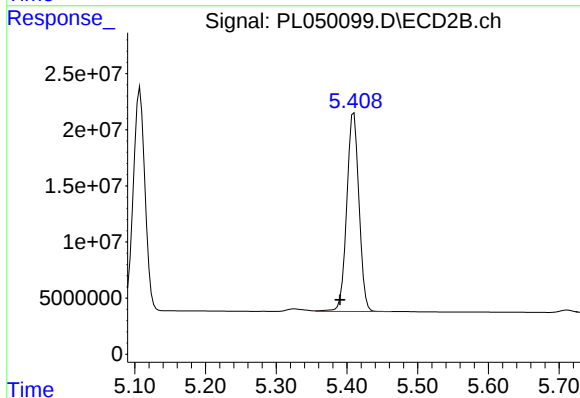
R.T.: 8.102 min  
Delta R.T.: -0.004 min  
Response: 139094596  
Conc: 55.01 ng/ml



#24 Chlordane-2

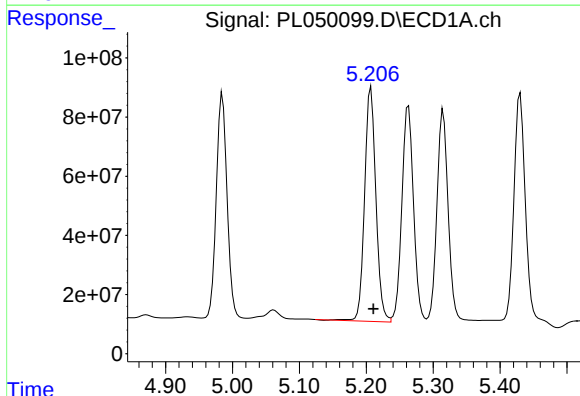
R.T.: 0.000 min  
Exp R.T.: 4.655 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB121058BSD



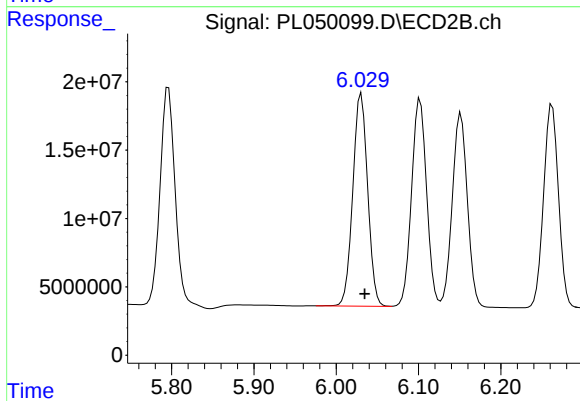
#24 Chlordane-2

R.T.: 5.410 min  
Delta R.T.: 0.020 min  
Response: 213311553  
Conc: 1373.19 ng/ml



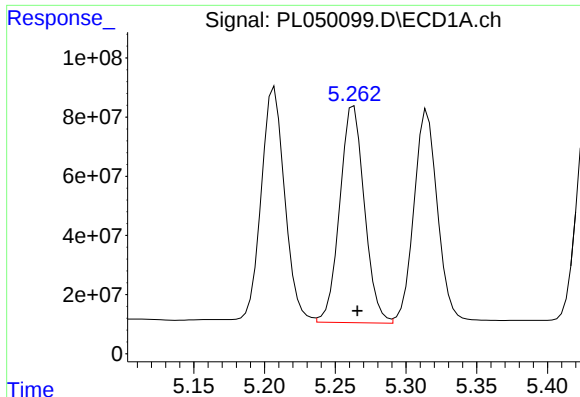
#25 Chlordane-3

R.T.: 5.207 min  
Delta R.T.: -0.004 min  
Response: 924397259  
Conc: 492.17 ng/ml



#25 Chlordane-3

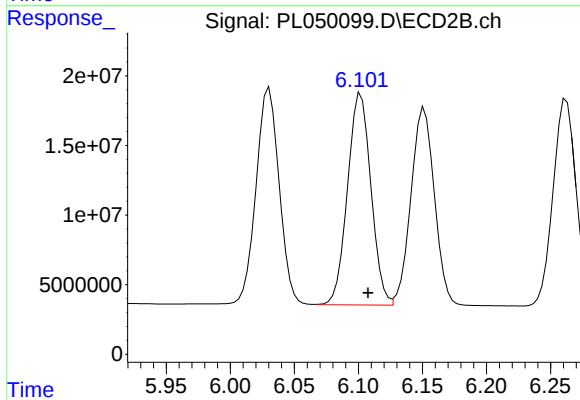
R.T.: 6.030 min  
Delta R.T.: -0.004 min  
Response: 195114721  
Conc: 392.09 ng/ml



#26 Chlordane-4

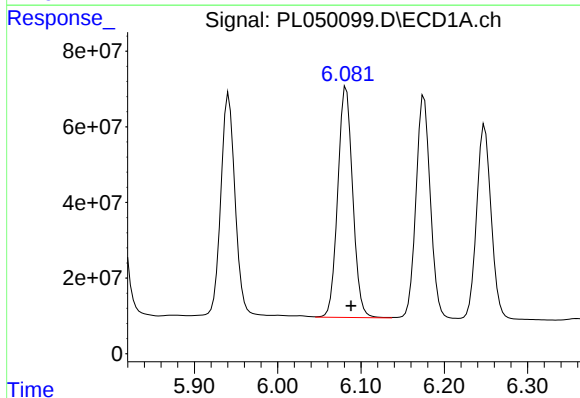
R.T.: 5.263 min  
Delta R.T.: -0.003 min  
Response: 890815484  
Conc: 510.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121058BSD



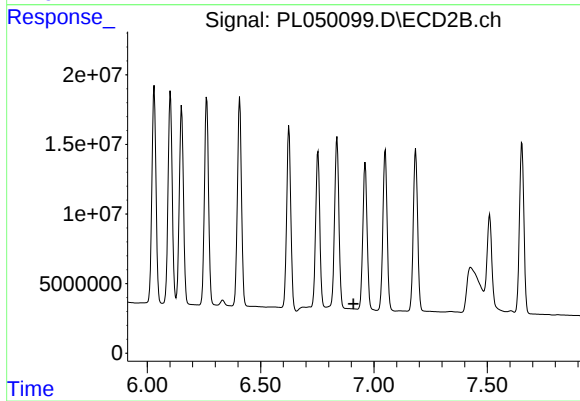
#26 Chlordane-4

R.T.: 6.102 min  
Delta R.T.: -0.006 min  
Response: 193587100  
Conc: 325.72 ng/ml



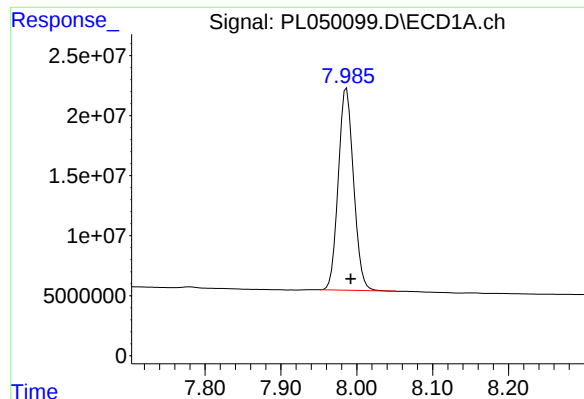
#27 Chlordane-5

R.T.: 6.082 min  
Delta R.T.: -0.006 min  
Response: 760863132  
Conc: 1355.76 ng/ml



#27 Chlordane-5

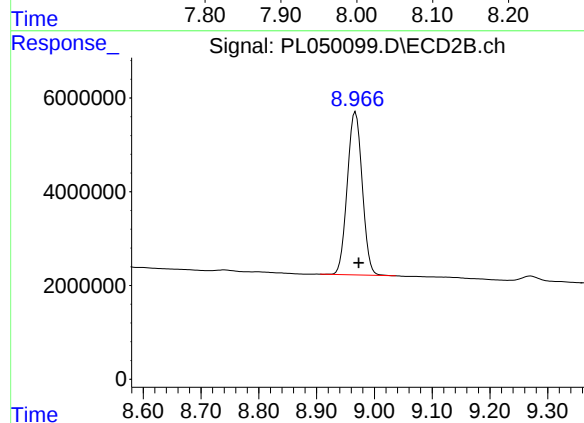
R.T.: 0.000 min  
Exp R.T.: 6.910 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.987 min  
Delta R.T.: -0.005 min  
Response: 235475351  
Conc: 18.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121058BSD



#28 Decachlorobiphenyl

R.T.: 8.967 min  
Delta R.T.: -0.006 min  
Response: 62211066  
Conc: 18.53 ng/ml