

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071719\  
 Data File : PL050525.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jul 2019 06:06  
 Operator : SM\AJ  
 Sample : PB121415BS  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB121415BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 18 07:50:08 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 18 04:12:31 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... | 3.318 | 3.930  | 205.0E6  | 60332783 | 20.405   | 21.146     |
| 28)                         | SA Decachlor... | 7.980 | 8.960  | 253.9E6  | 66329971 | 25.072   | 23.455     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.746 | 4.319  | 995.6E6  | 256.2E6  | 59.414   | 62.094     |
| 3)                          | MA gamma-BHC... | 4.021 | 4.602  | 943.7E6  | 241.4E6  | 61.355   | 62.325     |
| 4)                          | MA Heptachlor   | 4.305 | 5.103  | 1014.3E6 | 260.0E6  | 61.818   | 62.712     |
| 5)                          | MB Aldrin       | 4.543 | 5.406  | 950.7E6  | 233.8E6  | 61.370   | 62.033     |
| 6)                          | B beta-BHC      | 4.276 | 4.778  | 399.8E6  | 109.5E6  | 60.979   | 63.316     |
| 7)                          | B delta-BHC     | 4.469 | 4.992  | 927.6E6  | 212.3E6  | 56.530   | 54.895     |
| 8)                          | B Heptachlo...  | 4.980 | 5.792  | 842.7E6  | 271.4E6  | 57.043   | 70.955     |
| 9)                          | A Endosulfan I  | 5.310 | 6.148  | 780.0E6  | 210.9E6  | 53.632   | 61.321     |
| 10)                         | B gamma-Chl...  | 5.202 | 6.027  | 968.0E6  | 230.1E6  | 61.333   | 62.275     |
| 11)                         | B alpha-Chl...  | 5.257 | 6.098  | 907.5E6  | 222.4E6  | 59.483   | 60.667     |
| 12)                         | B 4,4'-DDE      | 5.426 | 6.258  | 531.9E6  | 203.2E6  | 35.494   | 56.391 #   |
| 13)                         | MA Dieldrin     | 5.549 | 6.404  | 942.9E6  | 218.5E6  | 60.846   | 61.709     |
| 14)                         | MA Endrin       | 5.801 | 6.622  | 968.0E6  | 190.0E6  | 65.759   | 61.258     |
| 15)                         | B Endosulfa...  | 6.076 | 6.833  | 790.7E6  | 194.3E6  | 56.496   | 61.123     |
| 16)                         | A 4,4'-DDD      | 5.936 | 6.749  | 738.3E6  | 167.1E6  | 61.609   | 62.737     |
| 17)                         | MA 4,4'-DDT     | 6.169 | 7.045  | 754.5E6  | 183.0E6  | 60.913   | 67.801     |
| 18)                         | B Endrin al...  | 6.243 | 6.957  | 666.1E6  | 160.4E6  | 57.736   | 59.013     |
| 19)                         | B Endosulfa...  | 6.454 | 7.180  | 723.1E6  | 174.2E6  | 56.759   | 60.324     |
| 20)                         | A Methoxychlor  | 6.715 | 7.505  | 382.0E6  | 267.1E6  | 61.230   | 182.026 #  |
| 21)                         | B Endrin ke...  | 6.936 | 7.648  | 1737.9E6 | 195.3E6  | 127.064  | 67.560 #   |
| 22)                         | Mirex           | 7.109 | 8.097  | 537.7E6  | 142.0E6  | 54.838   | 61.814     |
| 24)                         | Chlordane-2     | 0.000 | 5.406f | 0        | 233.8E6  | N.D.     | 1990.276 # |
| 25)                         | Chlordane-3     | 5.202 | 6.027  | 968.0E6  | 230.1E6  | 691.551  | 478.447 #  |
| 26)                         | Chlordane-4     | 5.257 | 6.098  | 907.5E6  | 222.4E6  | 688.014  | 382.761 #  |
| 27)                         | Chlordane-5     | 6.076 | 0.000  | 790.7E6  | 0        | 1556.613 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

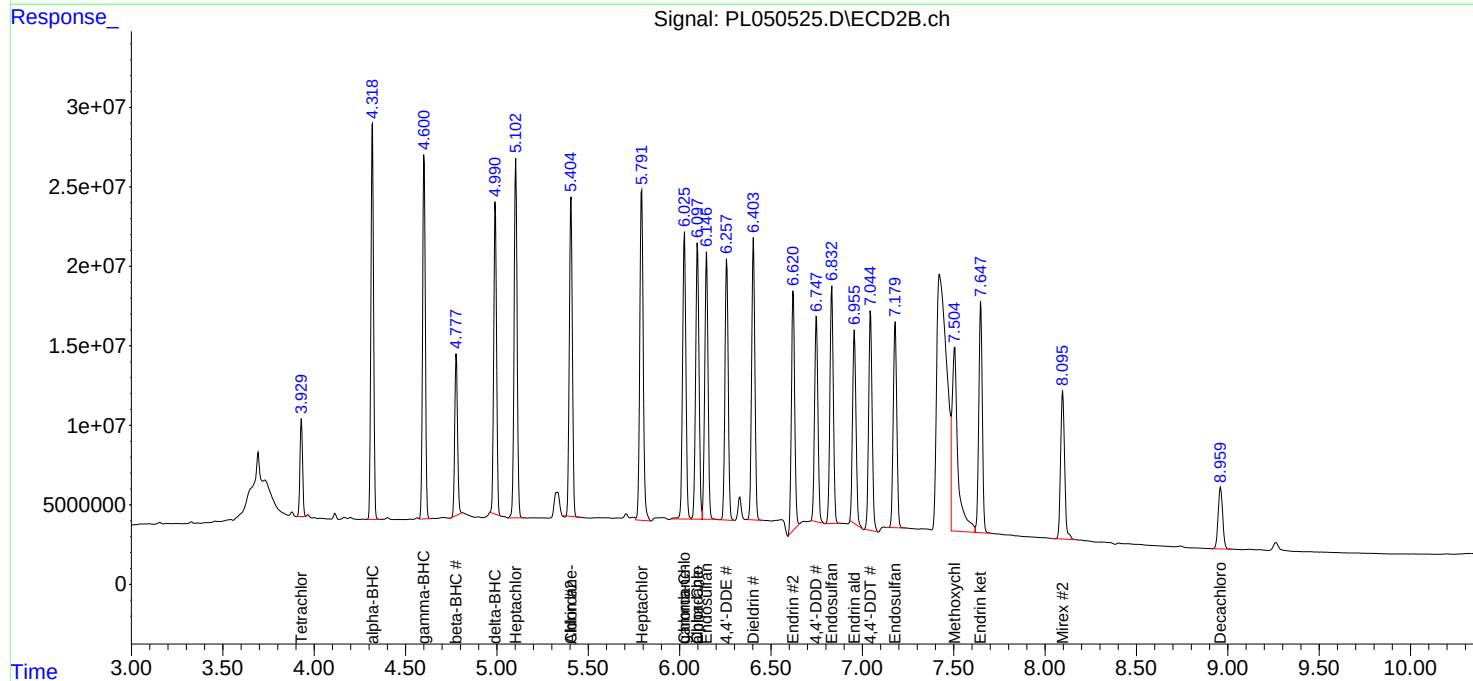
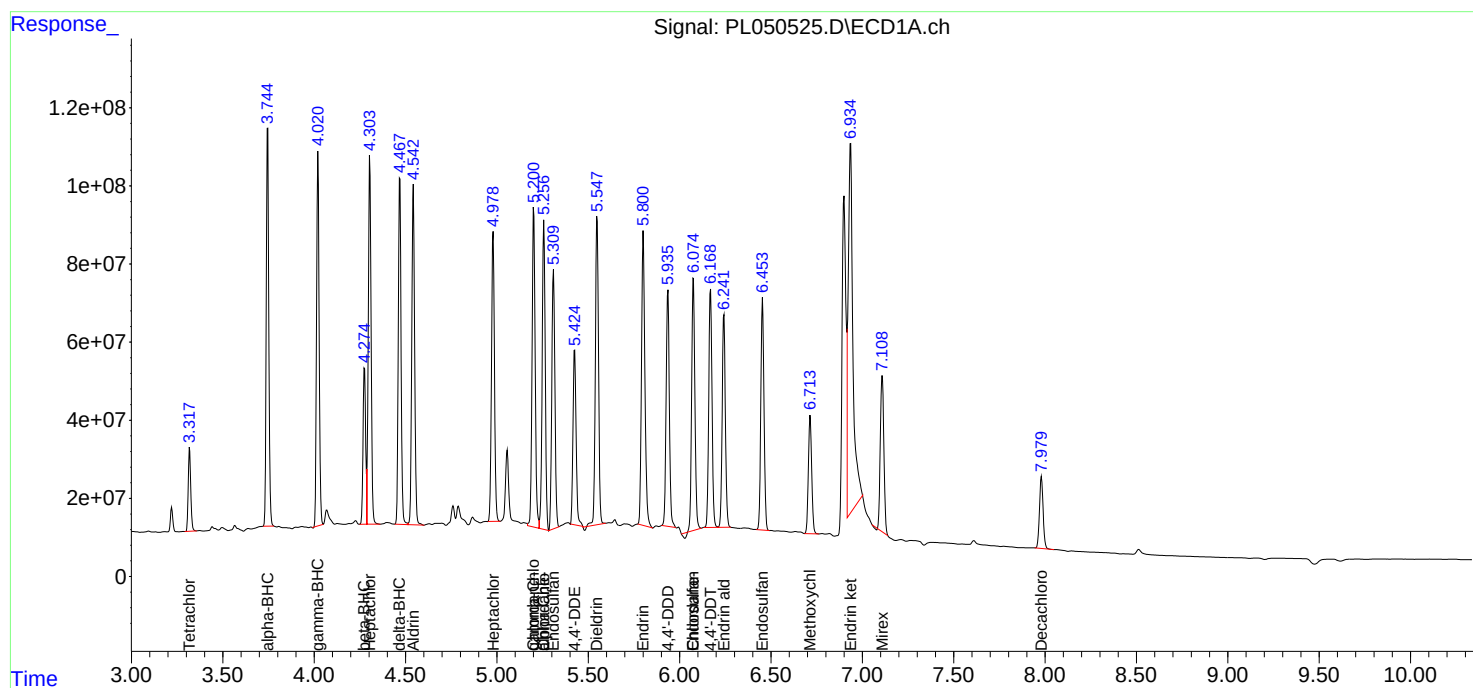
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

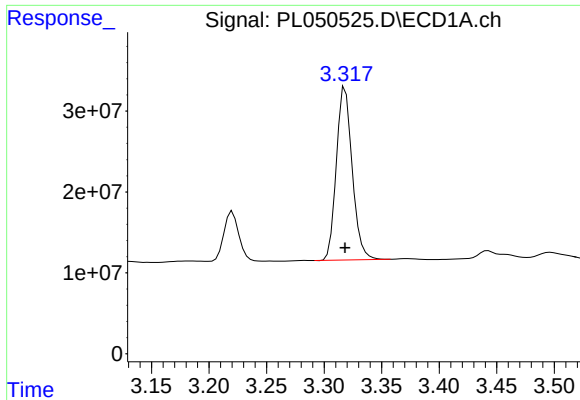
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071719\  
Data File : PL050525.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jul 2019 06:06  
Operator : SM\AJ  
Sample : PB121415BS  
Misc :  
ALS Vial : 44 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB121415BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 18 07:50:08 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 18 04:12:31 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

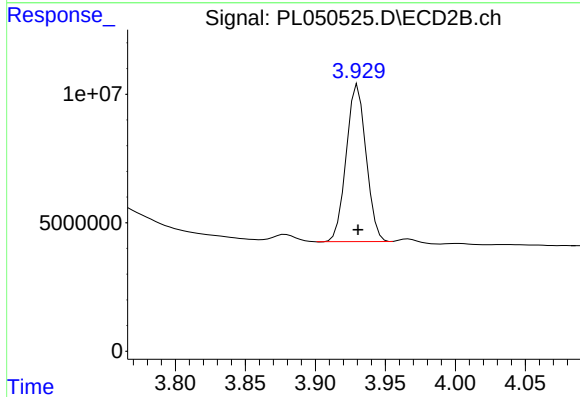




#1 Tetrachloro-m-xylene

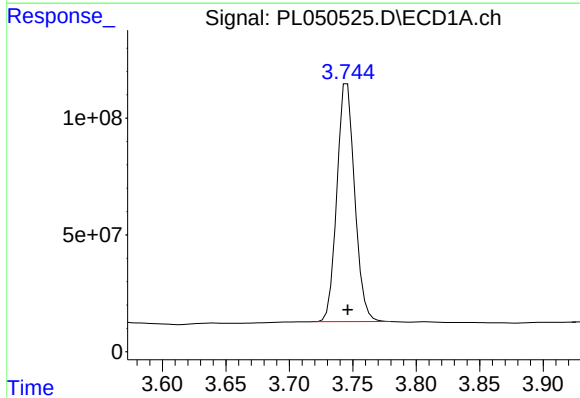
R.T.: 3.318 min  
Delta R.T.: 0.000 min  
Response: 205029540  
Conc: 20.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121415BS



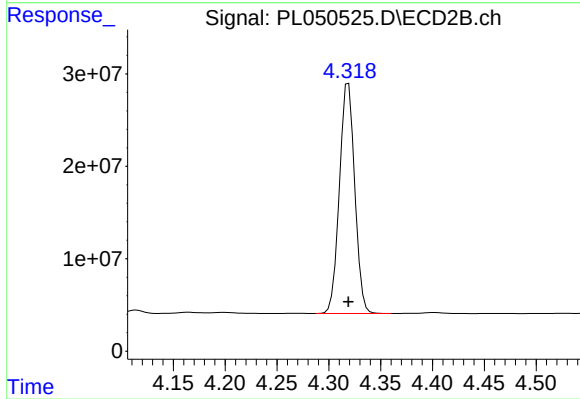
#1 Tetrachloro-m-xylene

R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 60332783  
Conc: 21.15 ng/ml



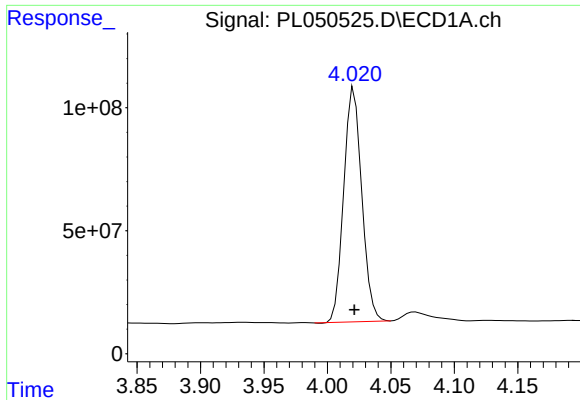
#2 alpha-BHC

R.T.: 3.746 min  
Delta R.T.: 0.000 min  
Response: 995647241  
Conc: 59.41 ng/ml



#2 alpha-BHC

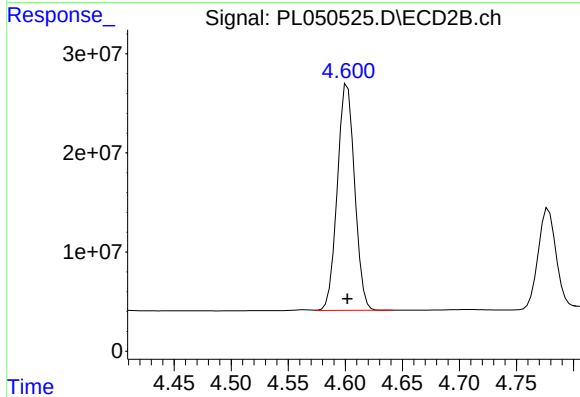
R.T.: 4.319 min  
Delta R.T.: 0.000 min  
Response: 256197051  
Conc: 62.09 ng/ml



#3 gamma-BHC (Lindane)

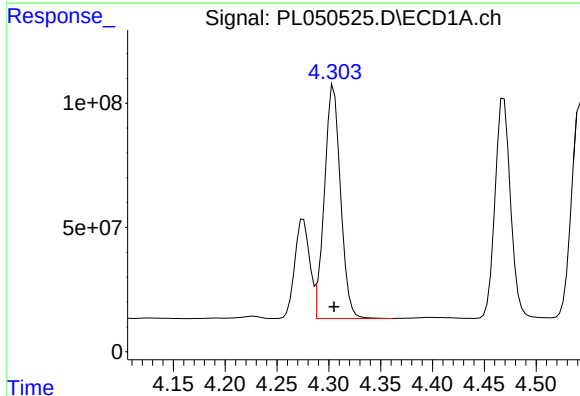
R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 943742480  
Conc: 61.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121415BS



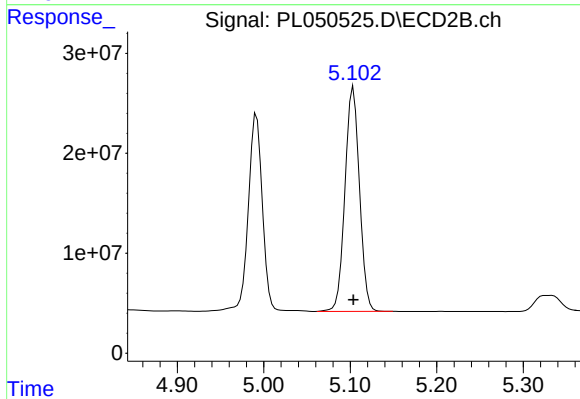
#3 gamma-BHC (Lindane)

R.T.: 4.602 min  
Delta R.T.: 0.000 min  
Response: 241394967  
Conc: 62.32 ng/ml



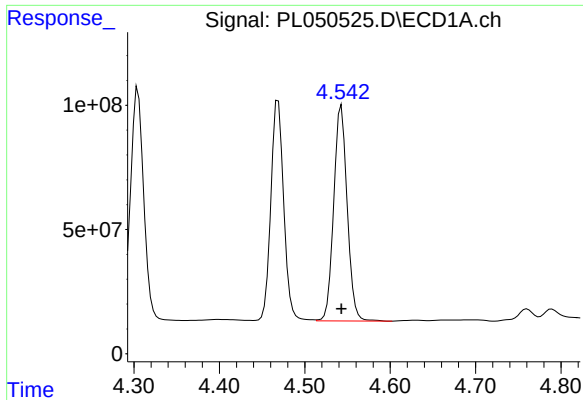
#4 Heptachlor

R.T.: 4.305 min  
Delta R.T.: 0.000 min  
Response: 1014300535  
Conc: 61.82 ng/ml



#4 Heptachlor

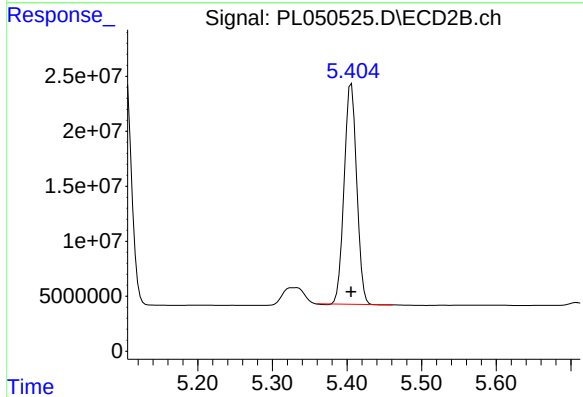
R.T.: 5.103 min  
Delta R.T.: 0.000 min  
Response: 260048499  
Conc: 62.71 ng/ml



#5 Aldrin

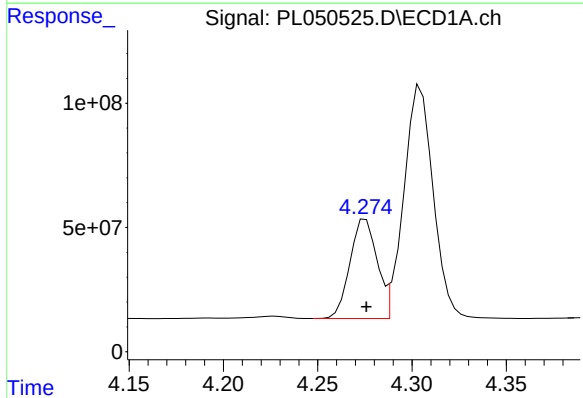
R.T.: 4.543 min  
Delta R.T.: 0.000 min  
Response: 950708095  
Conc: 61.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121415BS



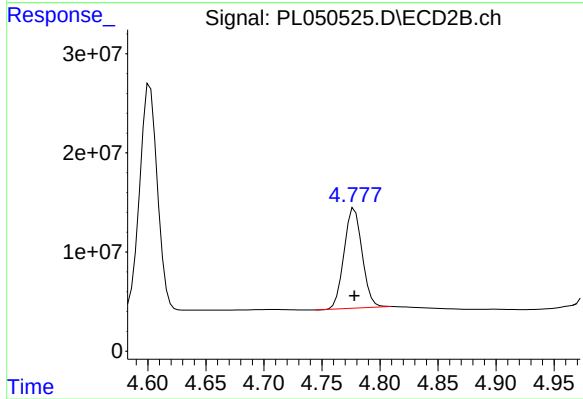
#5 Aldrin

R.T.: 5.406 min  
Delta R.T.: 0.000 min  
Response: 233762795  
Conc: 62.03 ng/ml



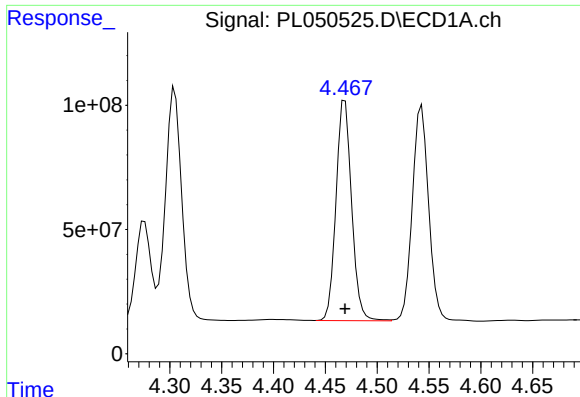
#6 beta-BHC

R.T.: 4.276 min  
Delta R.T.: 0.000 min  
Response: 399770023  
Conc: 60.98 ng/ml



#6 beta-BHC

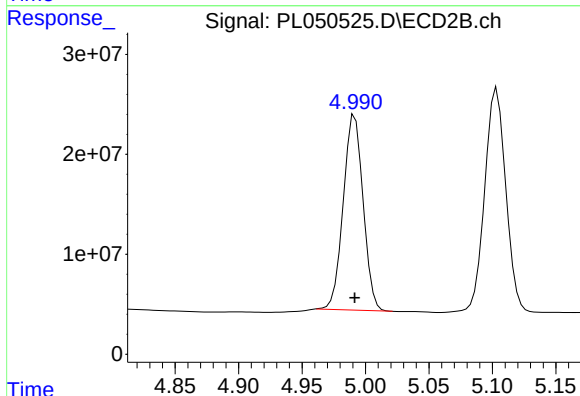
R.T.: 4.778 min  
Delta R.T.: 0.000 min  
Response: 109464598  
Conc: 63.32 ng/ml



#7 delta-BHC

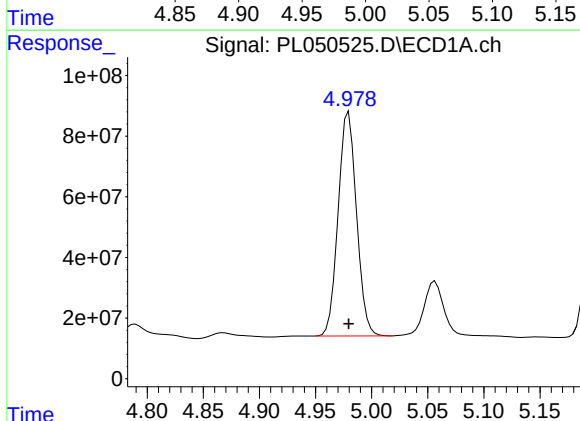
R.T.: 4.469 min  
Delta R.T.: 0.000 min  
Response: 927576504  
Conc: 56.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121415BS



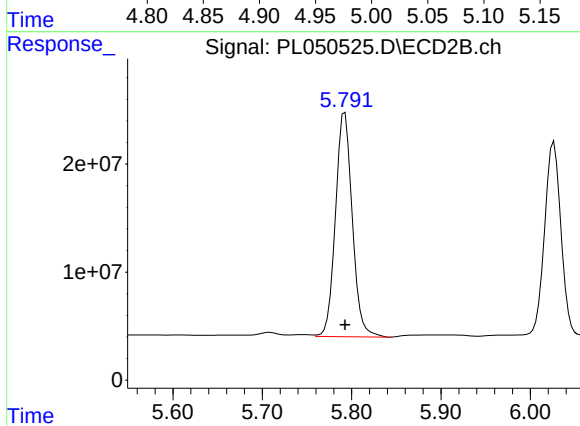
#7 delta-BHC

R.T.: 4.992 min  
Delta R.T.: 0.000 min  
Response: 212313917  
Conc: 54.90 ng/ml



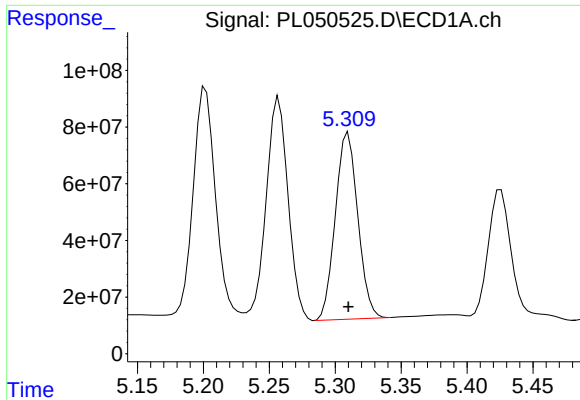
#8 Heptachlor epoxide

R.T.: 4.980 min  
Delta R.T.: 0.000 min  
Response: 842731188  
Conc: 57.04 ng/ml



#8 Heptachlor epoxide

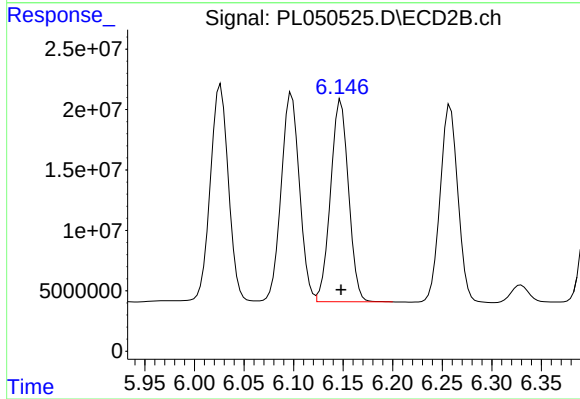
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 271391726  
Conc: 70.96 ng/ml



#9 Endosulfan I

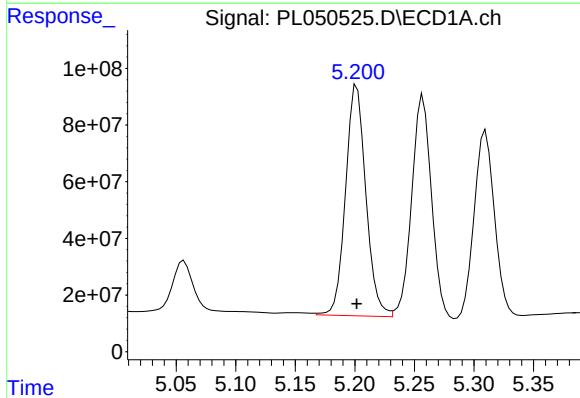
R.T.: 5.310 min  
Delta R.T.: 0.000 min  
Response: 780014125  
Conc: 53.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121415BS



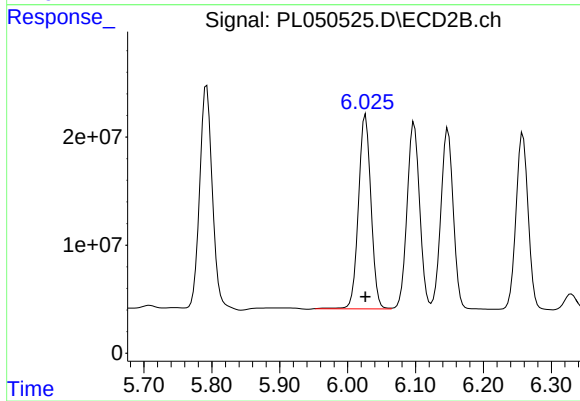
#9 Endosulfan I

R.T.: 6.148 min  
Delta R.T.: 0.000 min  
Response: 210874388  
Conc: 61.32 ng/ml



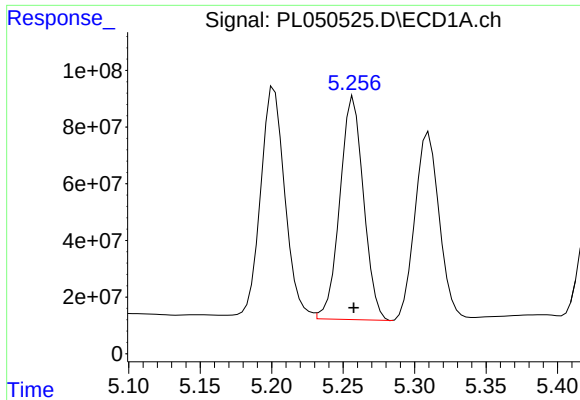
#10 gamma-Chlordane

R.T.: 5.202 min  
Delta R.T.: 0.000 min  
Response: 968024339  
Conc: 61.33 ng/ml



#10 gamma-Chlordane

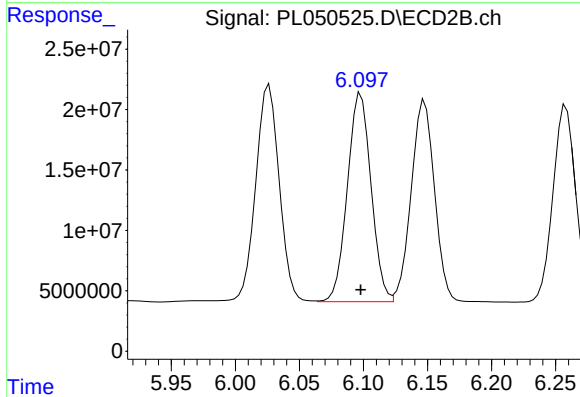
R.T.: 6.027 min  
Delta R.T.: 0.000 min  
Response: 230123446  
Conc: 62.27 ng/ml



#11 alpha-Chlordane

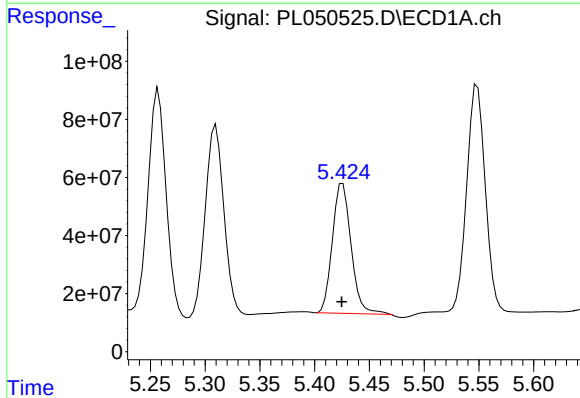
R.T.: 5.257 min  
Delta R.T.: 0.000 min  
Response: 907476885  
Conc: 59.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121415BS



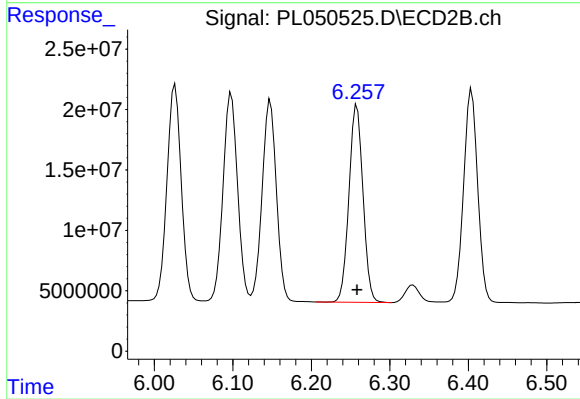
#11 alpha-Chlordane

R.T.: 6.098 min  
Delta R.T.: 0.000 min  
Response: 222352929  
Conc: 60.67 ng/ml



#12 4,4'-DDE

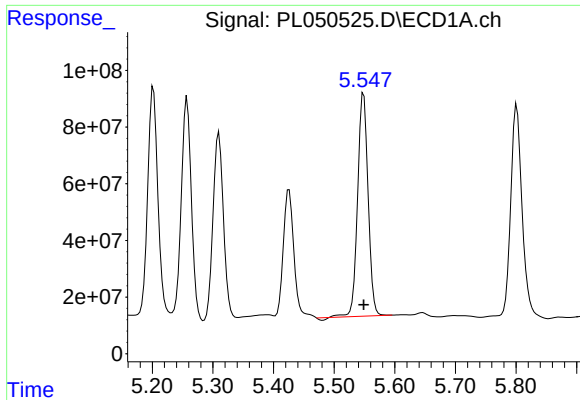
R.T.: 5.426 min  
Delta R.T.: 0.000 min  
Response: 531901617  
Conc: 35.49 ng/ml



#12 4,4'-DDE

R.T.: 6.258 min  
Delta R.T.: 0.000 min  
Response: 203199528  
Conc: 56.39 ng/ml

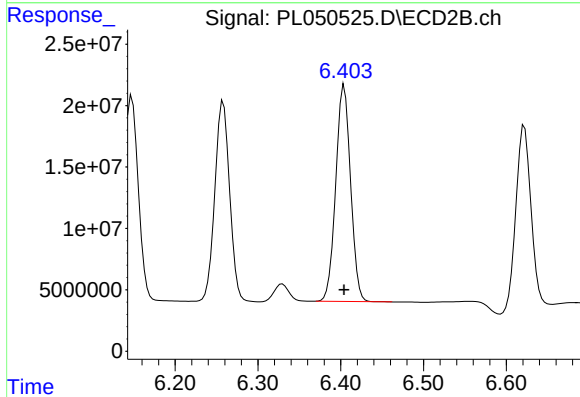




#13 Dieldrin

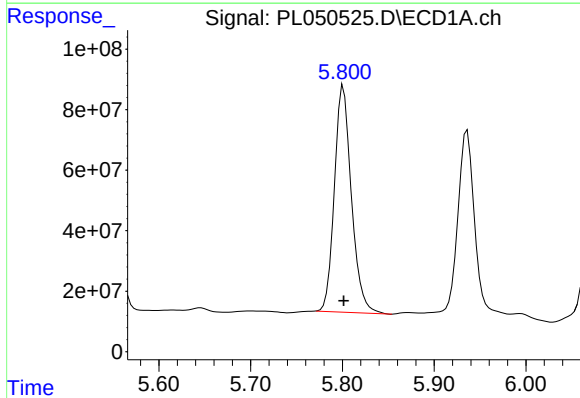
R.T.: 5.549 min  
Delta R.T.: 0.000 min  
Response: 942920934  
Conc: 60.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121415BS



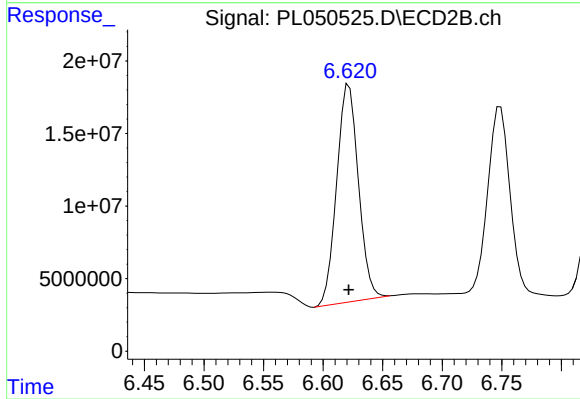
#13 Dieldrin

R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 218520818  
Conc: 61.71 ng/ml



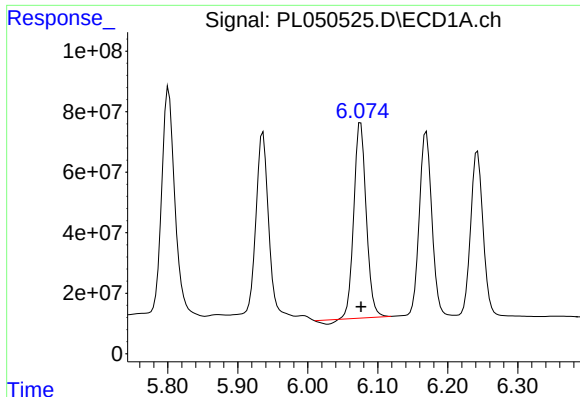
#14 Endrin

R.T.: 5.801 min  
Delta R.T.: 0.000 min  
Response: 968006498  
Conc: 65.76 ng/ml



#14 Endrin

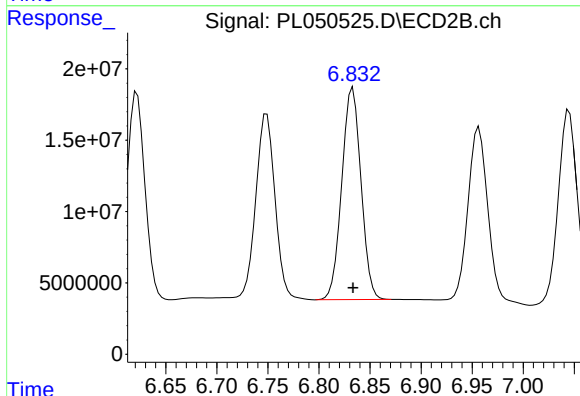
R.T.: 6.622 min  
Delta R.T.: 0.000 min  
Response: 189986765  
Conc: 61.26 ng/ml



#15 Endosulfan II

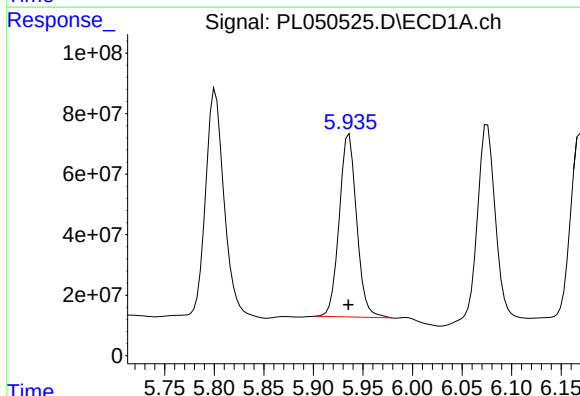
R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 790661486  
Conc: 56.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121415BS



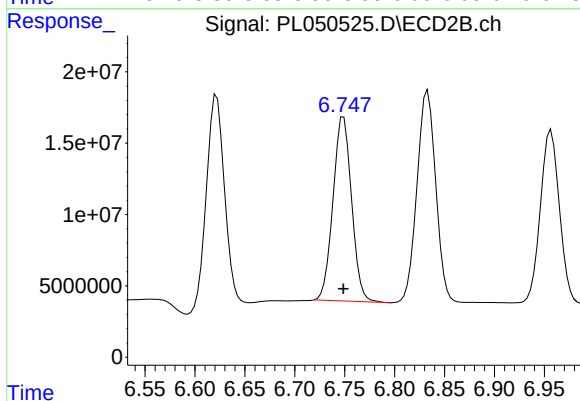
#15 Endosulfan II

R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 194322190  
Conc: 61.12 ng/ml



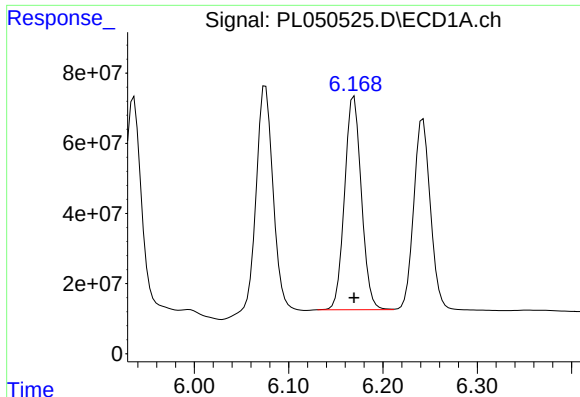
#16 4,4'-DDD

R.T.: 5.936 min  
Delta R.T.: 0.000 min  
Response: 738314305  
Conc: 61.61 ng/ml



#16 4,4'-DDD

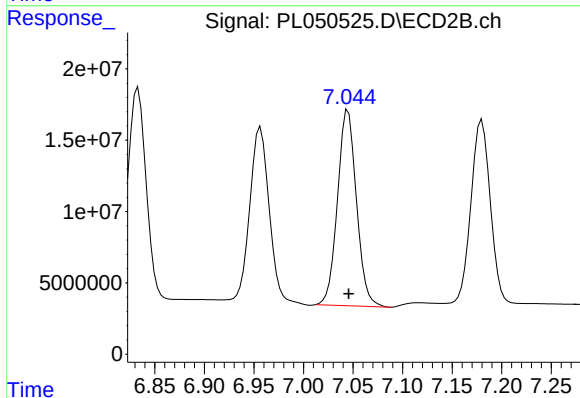
R.T.: 6.749 min  
Delta R.T.: 0.000 min  
Response: 167062298  
Conc: 62.74 ng/ml



#17 4,4'-DDT

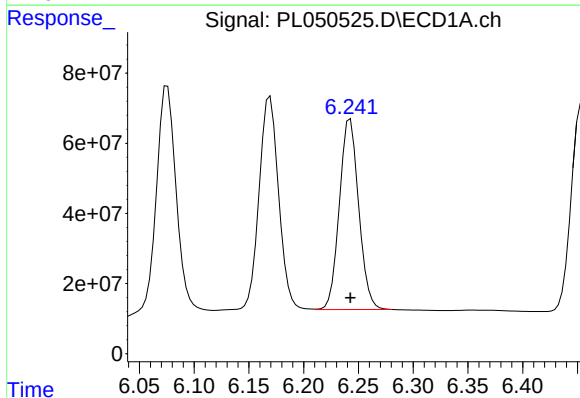
R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: 754456902  
Conc: 60.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121415BS



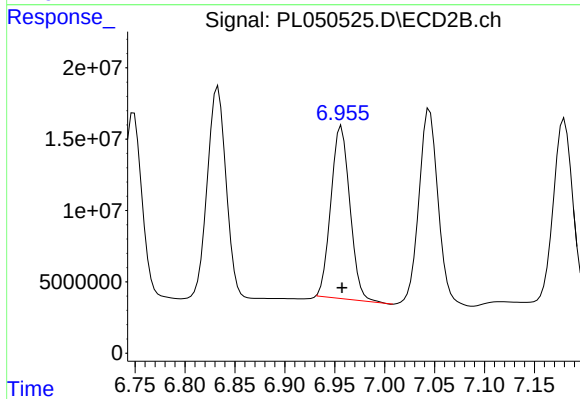
#17 4,4'-DDT

R.T.: 7.045 min  
Delta R.T.: 0.000 min  
Response: 183034359  
Conc: 67.80 ng/ml



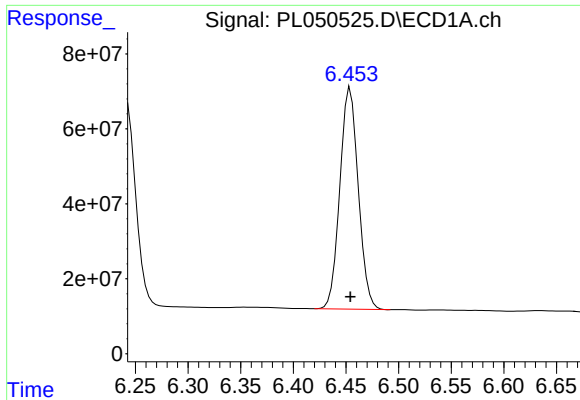
#18 Endrin aldehyde

R.T.: 6.243 min  
Delta R.T.: 0.000 min  
Response: 666060011  
Conc: 57.74 ng/ml



#18 Endrin aldehyde

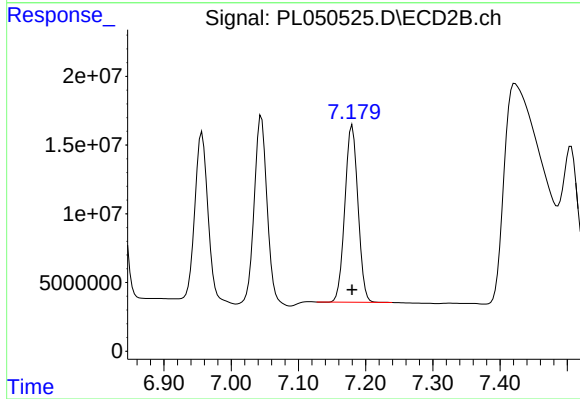
R.T.: 6.957 min  
Delta R.T.: 0.000 min  
Response: 160373115  
Conc: 59.01 ng/ml



#19 Endosulfan Sulfate

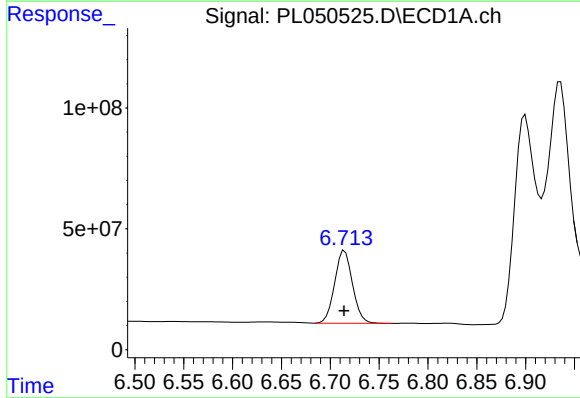
R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 723086359  
Conc: 56.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121415BS



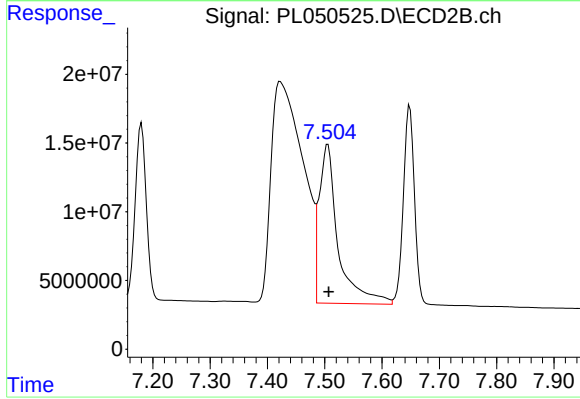
#19 Endosulfan Sulfate

R.T.: 7.180 min  
Delta R.T.: 0.000 min  
Response: 174229198  
Conc: 60.32 ng/ml



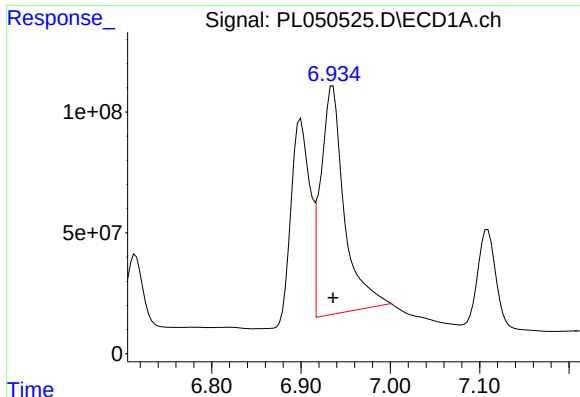
#20 Methoxychlor

R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 382008292  
Conc: 61.23 ng/ml



#20 Methoxychlor

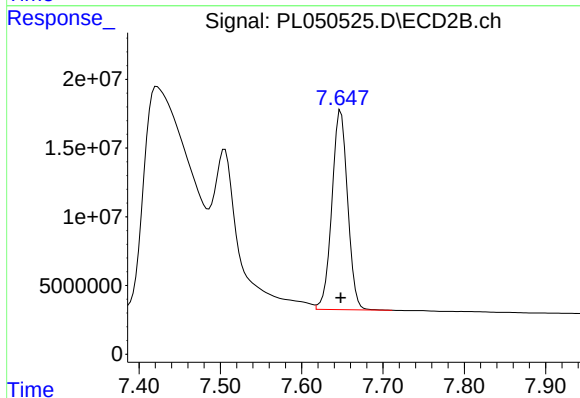
R.T.: 7.505 min  
Delta R.T.: -0.001 min  
Response: 267081408  
Conc: 182.03 ng/ml



#21 Endrin ketone

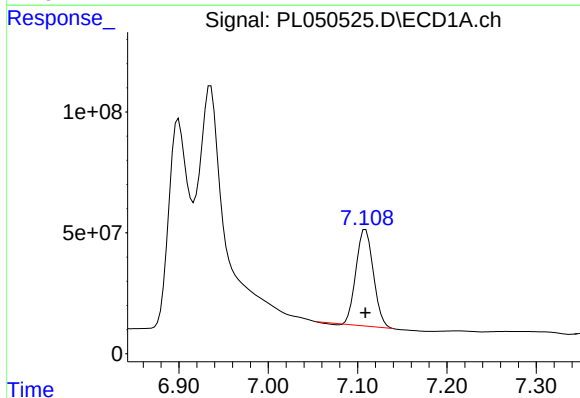
R.T.: 6.936 min  
Delta R.T.: 0.000 min  
Response: 1737913244  
Conc: 127.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121415BS



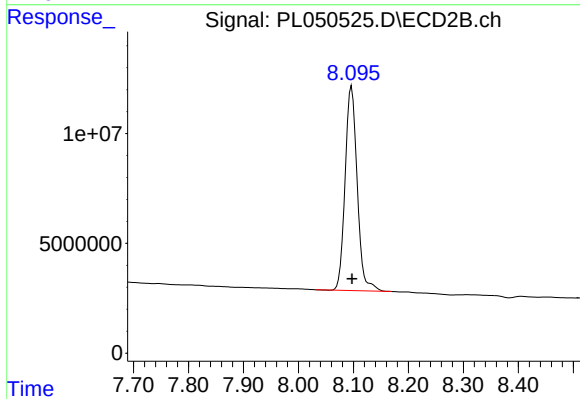
#21 Endrin ketone

R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 195335184  
Conc: 67.56 ng/ml



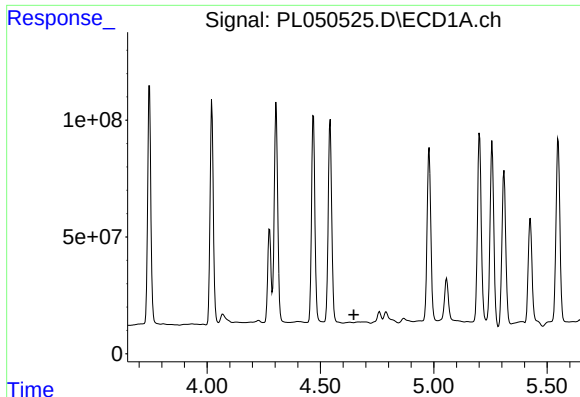
#22 Mirex

R.T.: 7.109 min  
Delta R.T.: 0.000 min  
Response: 537652354  
Conc: 54.84 ng/ml



#22 Mirex

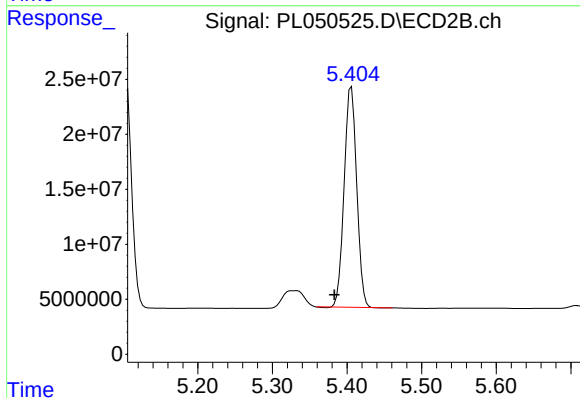
R.T.: 8.097 min  
Delta R.T.: 0.000 min  
Response: 141986381  
Conc: 61.81 ng/ml



#24 Chlordane-2

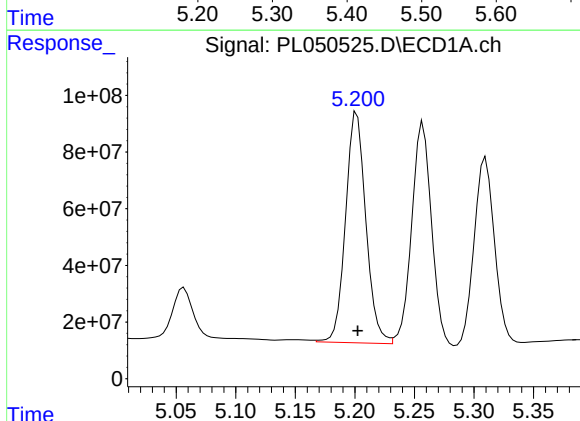
R.T.: 0.000 min  
Exp R.T.: 4.647 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB121415BS



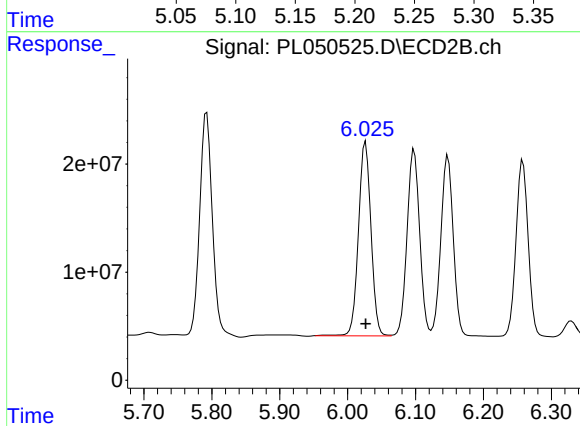
#24 Chlordane-2

R.T.: 5.406 min  
Delta R.T.: 0.023 min  
Response: 233762795  
Conc: 1990.28 ng/ml



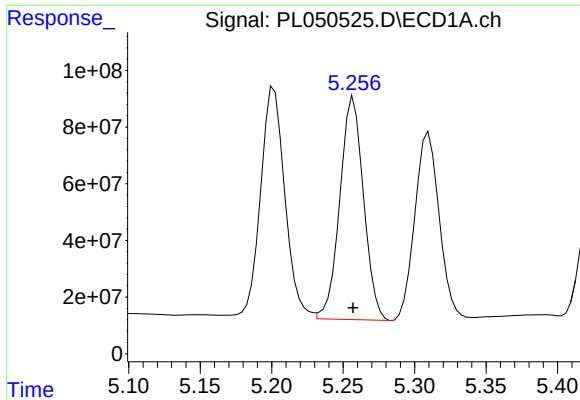
#25 Chlordane-3

R.T.: 5.202 min  
Delta R.T.: 0.000 min  
Response: 968024339  
Conc: 691.55 ng/ml



#25 Chlordane-3

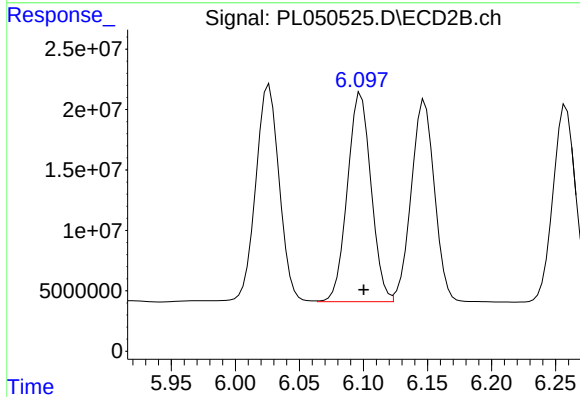
R.T.: 6.027 min  
Delta R.T.: 0.000 min  
Response: 230123446  
Conc: 478.45 ng/ml



#26 Chlordane-4

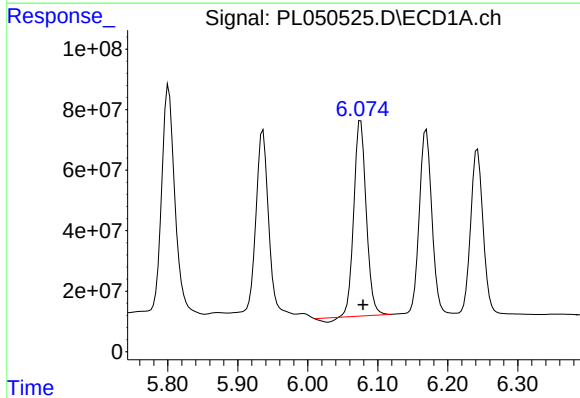
R.T.: 5.257 min  
Delta R.T.: 0.000 min  
Response: 907476885  
Conc: 688.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121415BS



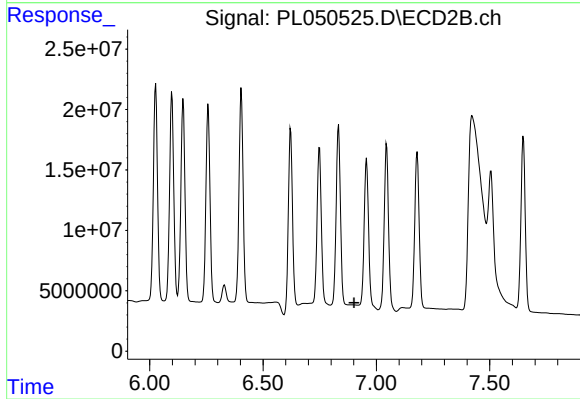
#26 Chlordane-4

R.T.: 6.098 min  
Delta R.T.: -0.002 min  
Response: 222352929  
Conc: 382.76 ng/ml



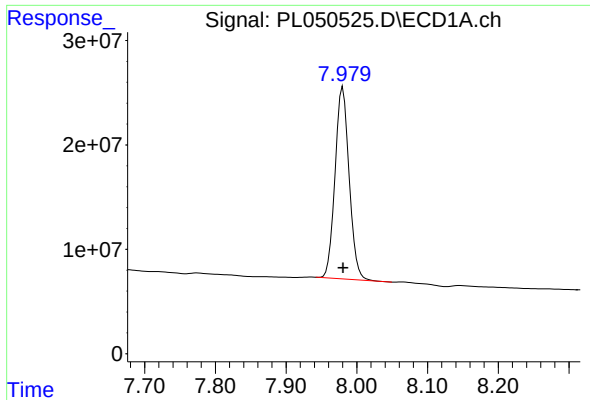
#27 Chlordane-5

R.T.: 6.076 min  
Delta R.T.: -0.004 min  
Response: 790661486  
Conc: 1556.61 ng/ml



#27 Chlordane-5

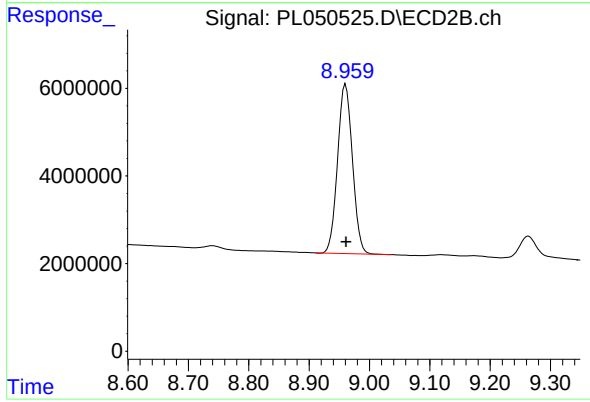
R.T.: 0.000 min  
Exp R.T.: 6.902 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.980 min  
Delta R.T.: 0.000 min  
Response: 253862420  
Conc: 25.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121415BS



#28 Decachlorobiphenyl

R.T.: 8.960 min  
Delta R.T.: -0.001 min  
Response: 66329971  
Conc: 23.46 ng/ml