

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012821\  
 Data File : PL064470.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jan 2021 12:29  
 Operator : AR\AJ  
 Sample : PB134363BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 28 17:11:56 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011221.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 18 13:25:12 2021  
 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... | 3.437 | 4.109  | 64125314 | 52310299 | 21.386  | 20.462    |
| 28)                         | SA Decachlor... | 8.169 | 9.272  | 66396869 | 45261925 | 21.755  | 19.070    |
| Target Compounds            |                 |       |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.871 | 4.510  | 201.3E6  | 145.3E6  | 40.463  | 39.752    |
| 3)                          | MA gamma-BHC... | 4.152 | 4.802  | 184.6E6  | 134.1E6  | 39.822  | 38.078    |
| 4)                          | MA Heptachlor   | 4.451 | 5.315  | 179.3E6  | 139.2E6  | 40.920  | 38.756    |
| 5)                          | MB Aldrin       | 4.696 | 5.626  | 168.9E6  | 122.0E6  | 42.156  | 39.294    |
| 6)                          | B beta-BHC      | 4.401 | 4.979  | 80410674 | 70312389 | 42.777  | 43.116    |
| 7)                          | B delta-BHC     | 4.603 | 5.200  | 179.2E6  | 124.4E6  | 38.686  | 39.201    |
| 8)                          | B Heptachlo...  | 5.137 | 6.019  | 159.5E6  | 111.3E6  | 42.085  | 42.724    |
| 9)                          | A Endosulfan I  | 5.473 | 6.382  | 146.2E6  | 106.3E6  | 41.405  | 38.774    |
| 10)                         | B gamma-Chl...  | 5.364 | 6.255  | 160.1E6  | 116.6E6  | 41.331  | 38.792    |
| 11)                         | B alpha-Chl...  | 5.422 | 6.328  | 155.7E6  | 115.9E6  | 40.693  | 38.075    |
| 12)                         | B 4,4'-DDE      | 5.588 | 6.485  | 145.8E6  | 103.1E6  | 41.380  | 38.716    |
| 13)                         | MA Dieldrin     | 5.715 | 6.642  | 152.8E6  | 107.1E6  | 41.067  | 38.087    |
| 14)                         | MA Endrin       | 5.970 | 6.864  | 119.8E6  | 75967893 | 34.488  | 33.268    |
| 15)                         | B Endosulfa...  | 6.242 | 7.078  | 131.5E6  | 88459315 | 38.794  | 35.017    |
| 16)                         | A 4,4'-DDD      | 6.101 | 6.983  | 125.6E6  | 89109176 | 43.047  | 40.202    |
| 17)                         | MA 4,4'-DDT     | 6.340 | 7.283  | 112.3E6  | 78207650 | 37.631  | 34.529    |
| 18)                         | B Endrin al...  | 6.410 | 7.203  | 107.7E6  | 77408487 | 37.554  | 35.703    |
| 19)                         | B Endosulfa...  | 6.622 | 7.427  | 133.3E6  | 89996718 | 39.304  | 36.436    |
| 20)                         | A Methoxychlor  | 6.887 | 7.742  | 61346950 | 44065565 | 36.710  | 32.613    |
| 21)                         | B Endrin ke...  | 7.109 | 7.906  | 151.9E6  | 97260690 | 42.309  | 38.995    |
| 22)                         | Mirex           | 7.295 | 8.359  | 108.1E6  | 69249305 | 39.720  | 34.136    |
| 24)                         | Chlordane-2     | 0.000 | 5.626f | 0        | 122.0E6  | N.D.    | 962.007 # |
| 25)                         | Chlordane-3     | 5.364 | 6.255  | 160.1E6  | 116.6E6  | 400.705 | 288.278 # |
| 26)                         | Chlordane-4     | 5.422 | 6.328  | 155.7E6  | 115.9E6  | 473.220 | 234.490 # |
| 27)                         | Chlordane-5     | 6.242 | 0.000  | 131.5E6  | 0        | 938.397 | N.D. #    |
| -----                       |                 |       |        |          |          |         |           |

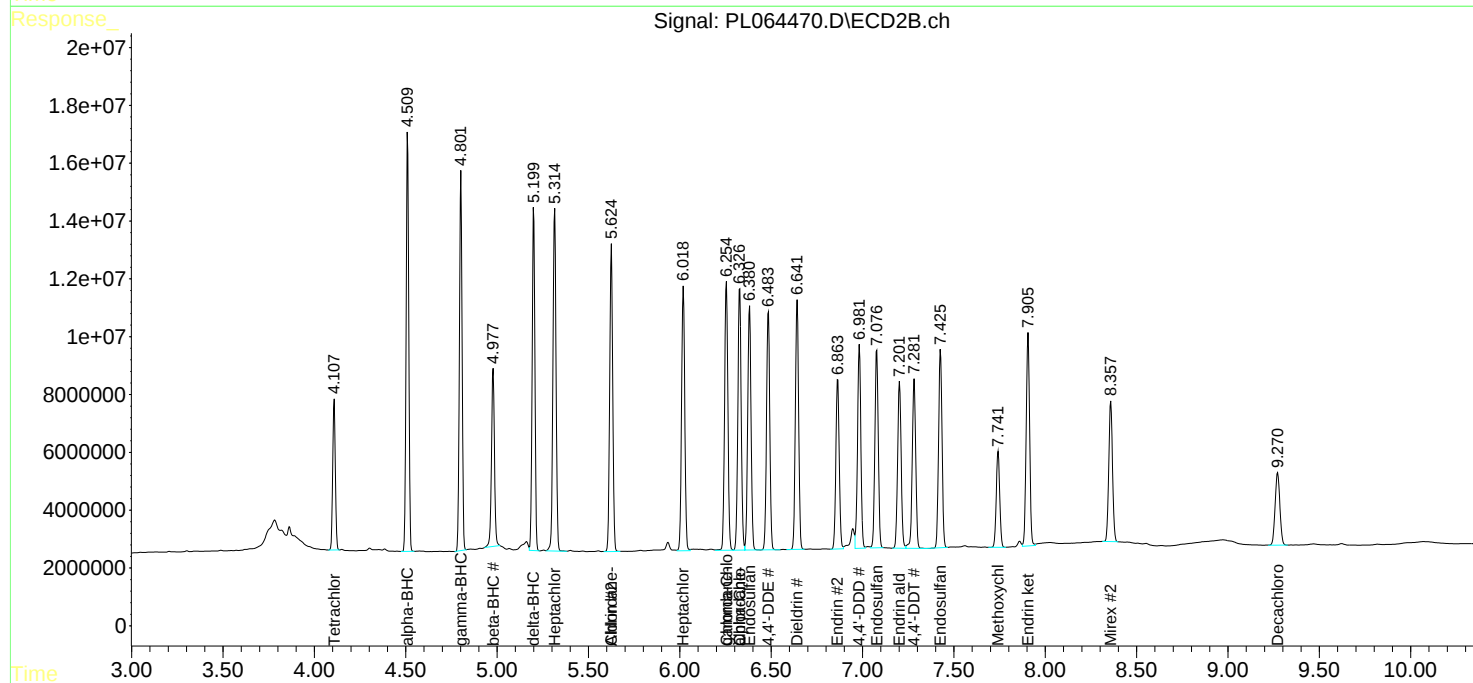
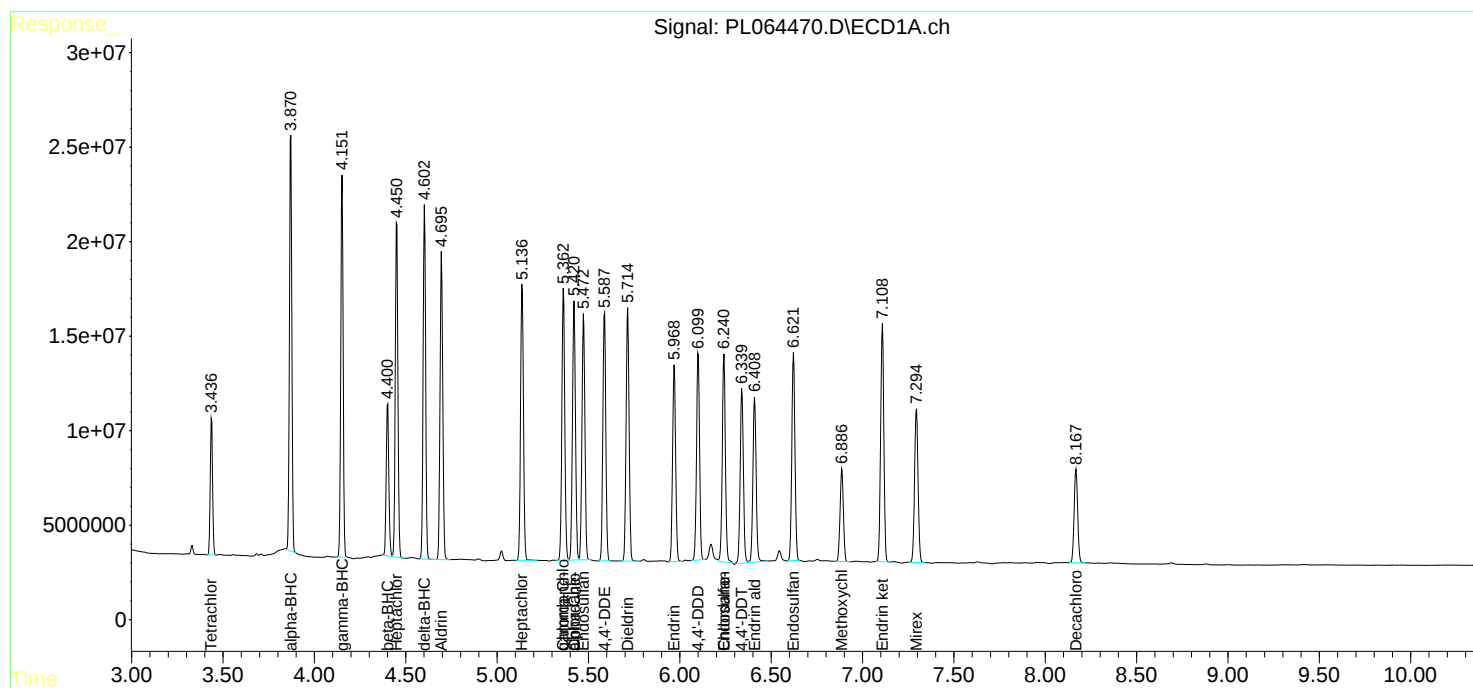
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

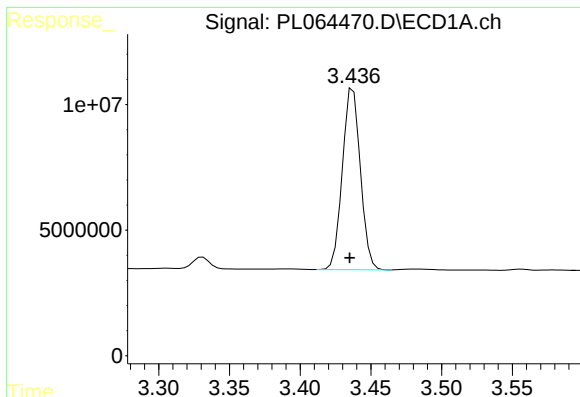
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012821\  
Data File : PL064470.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jan 2021 12:29  
Operator : AR\AJ  
Sample : PB134363BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 28 17:11:56 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011221.M  
Quant Title : GC Extractables  
QLast Update : Mon Jan 18 13:25:12 2021  
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

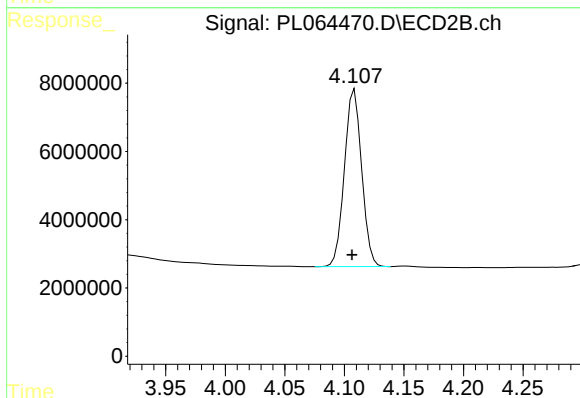




#1 Tetrachloro-m-xylene

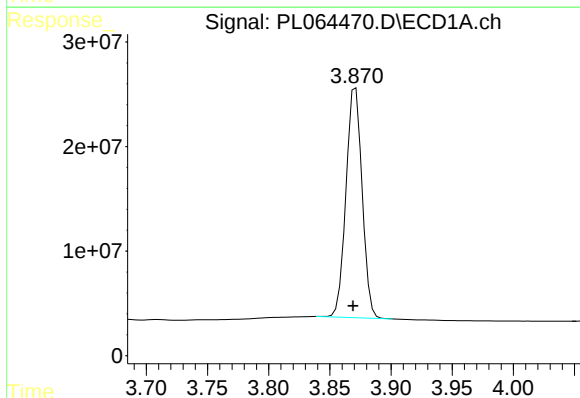
R.T.: 3.437 min  
Delta R.T.: 0.002 min  
Response: 64125314  
Conc: 21.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



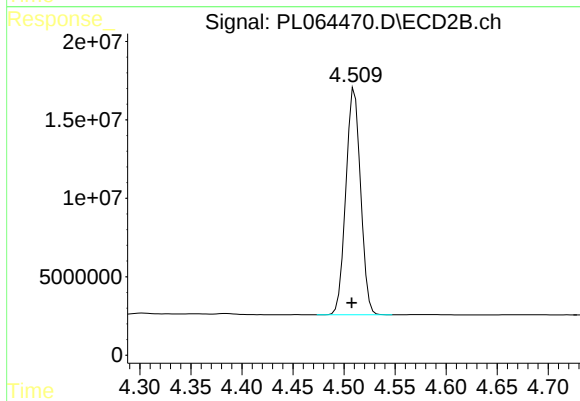
#1 Tetrachloro-m-xylene

R.T.: 4.109 min  
Delta R.T.: 0.002 min  
Response: 52310299  
Conc: 20.46 ng/ml



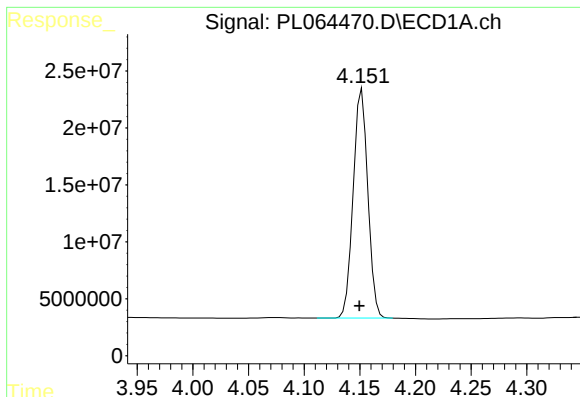
#2 alpha-BHC

R.T.: 3.871 min  
Delta R.T.: 0.002 min  
Response: 201256864  
Conc: 40.46 ng/ml



#2 alpha-BHC

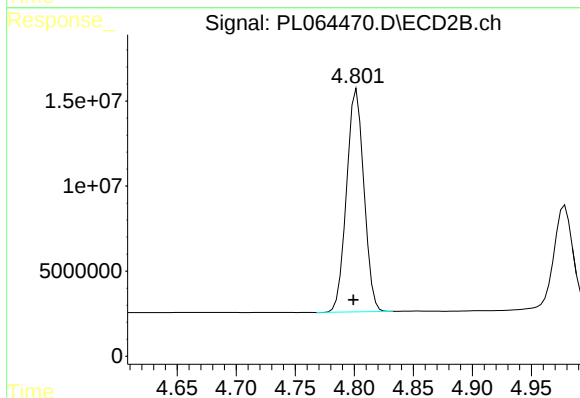
R.T.: 4.510 min  
Delta R.T.: 0.003 min  
Response: 145274797  
Conc: 39.75 ng/ml



#3 gamma-BHC (Lindane)

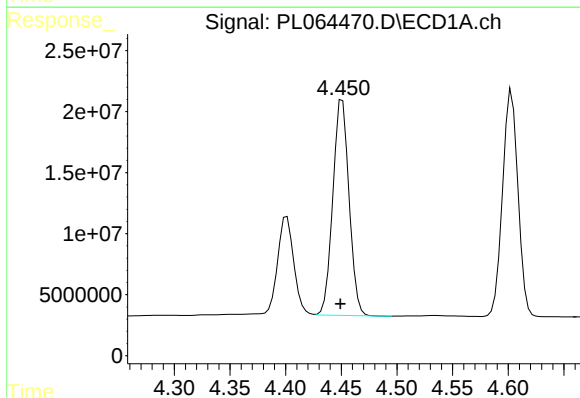
R.T.: 4.152 min  
Delta R.T.: 0.002 min  
Response: 184636400  
Conc: 39.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



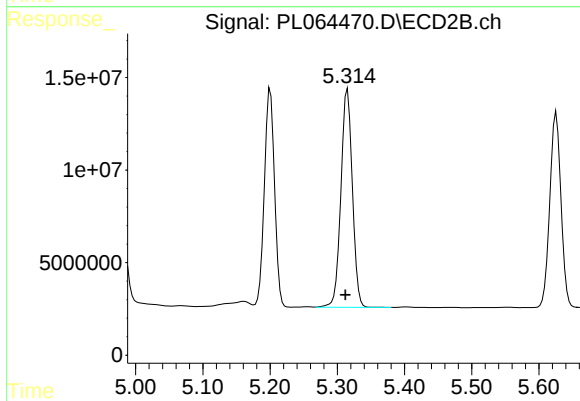
#3 gamma-BHC (Lindane)

R.T.: 4.802 min  
Delta R.T.: 0.003 min  
Response: 134128796  
Conc: 38.08 ng/ml



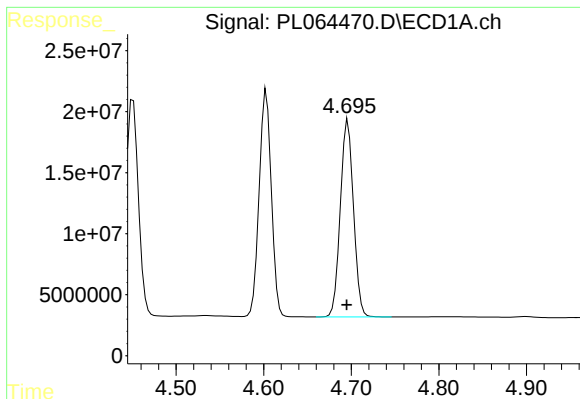
#4 Heptachlor

R.T.: 4.451 min  
Delta R.T.: 0.002 min  
Response: 179302742  
Conc: 40.92 ng/ml



#4 Heptachlor

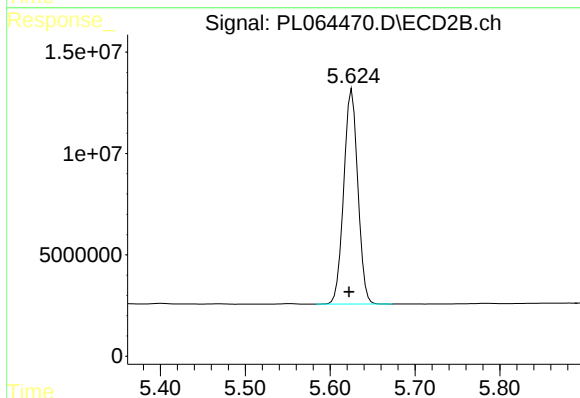
R.T.: 5.315 min  
Delta R.T.: 0.003 min  
Response: 139201779  
Conc: 38.76 ng/ml



#5 Aldrin

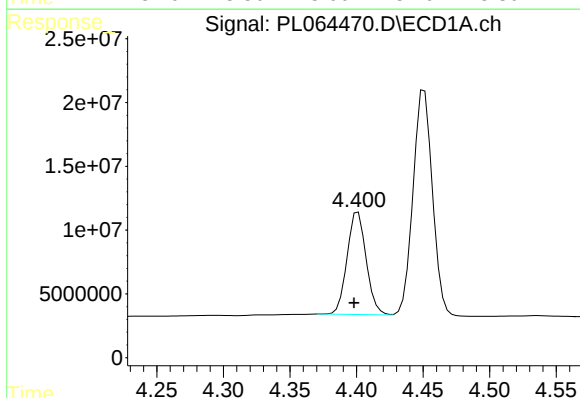
R.T.: 4.696 min  
Delta R.T.: 0.001 min  
Response: 168917309  
Conc: 42.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



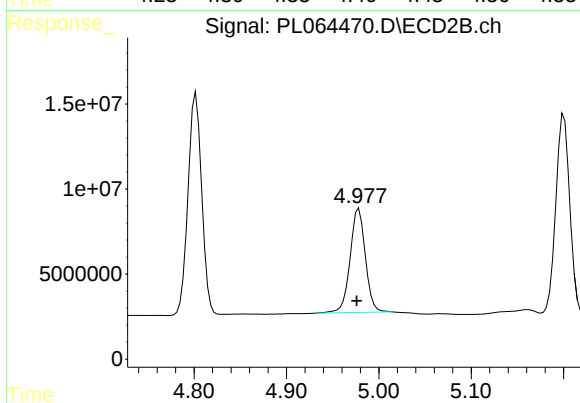
#5 Aldrin

R.T.: 5.626 min  
Delta R.T.: 0.003 min  
Response: 121962582  
Conc: 39.29 ng/ml



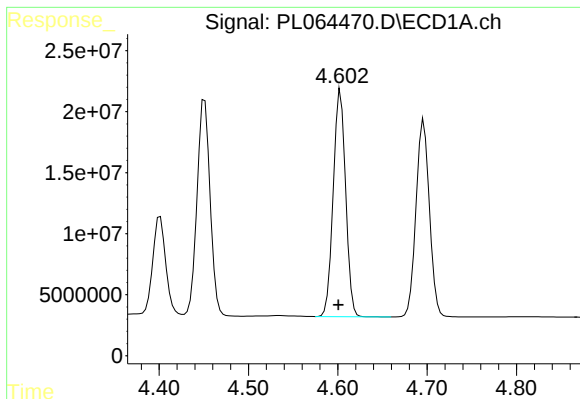
#6 beta-BHC

R.T.: 4.401 min  
Delta R.T.: 0.003 min  
Response: 80410674  
Conc: 42.78 ng/ml



#6 beta-BHC

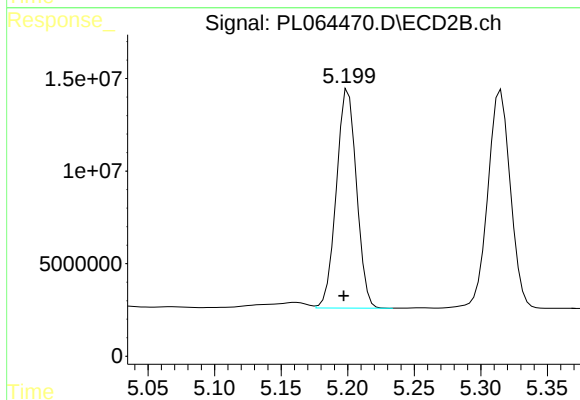
R.T.: 4.979 min  
Delta R.T.: 0.003 min  
Response: 70312389  
Conc: 43.12 ng/ml



#7 delta-BHC

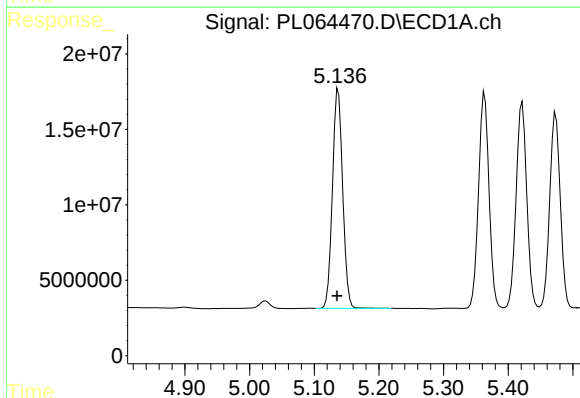
R.T.: 4.603 min  
Delta R.T.: 0.002 min  
Response: 179153039  
Conc: 38.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



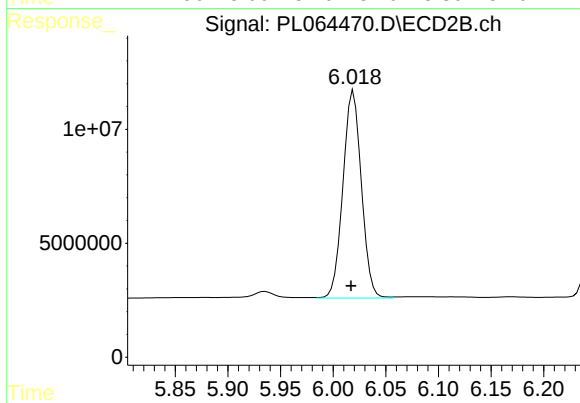
#7 delta-BHC

R.T.: 5.200 min  
Delta R.T.: 0.003 min  
Response: 124449094  
Conc: 39.20 ng/ml



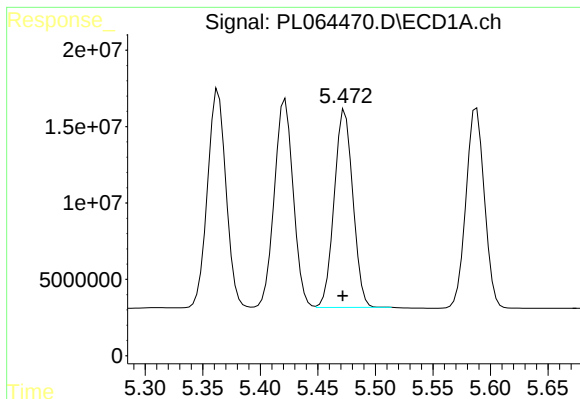
#8 Heptachlor epoxide

R.T.: 5.137 min  
Delta R.T.: 0.002 min  
Response: 159485584  
Conc: 42.09 ng/ml



#8 Heptachlor epoxide

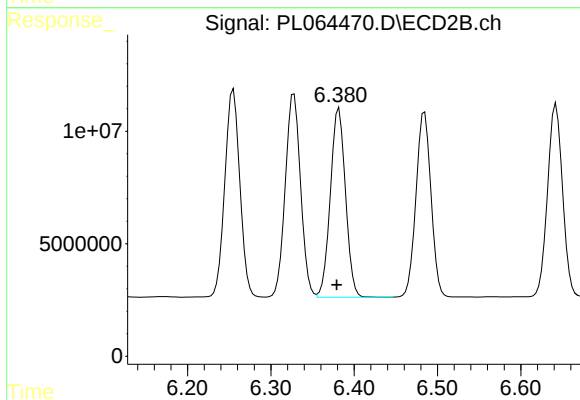
R.T.: 6.019 min  
Delta R.T.: 0.002 min  
Response: 111300847  
Conc: 42.72 ng/ml



#9 Endosulfan I

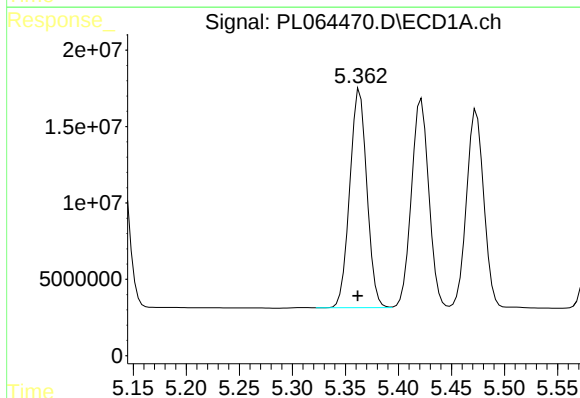
R.T.: 5.473 min  
Delta R.T.: 0.002 min  
Response: 146249823  
Conc: 41.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



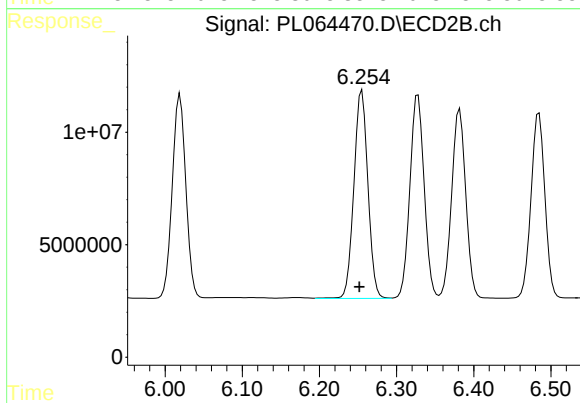
#9 Endosulfan I

R.T.: 6.382 min  
Delta R.T.: 0.003 min  
Response: 106269468  
Conc: 38.77 ng/ml



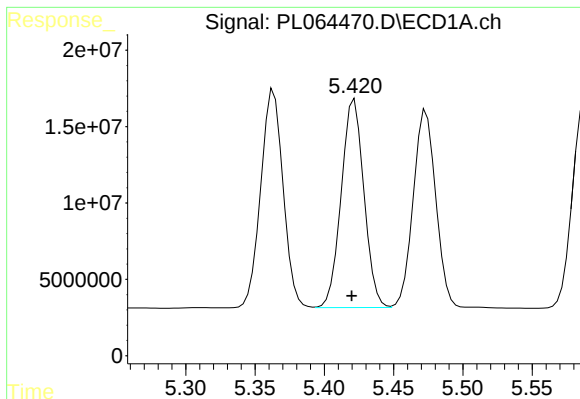
#10 gamma-Chlordane

R.T.: 5.364 min  
Delta R.T.: 0.002 min  
Response: 160103935  
Conc: 41.33 ng/ml



#10 gamma-Chlordane

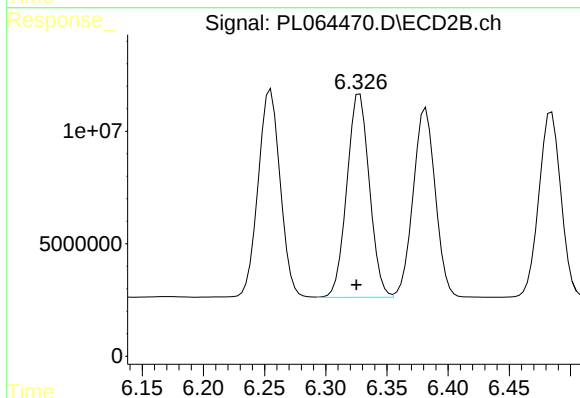
R.T.: 6.255 min  
Delta R.T.: 0.003 min  
Response: 116561309  
Conc: 38.79 ng/ml



#11 alpha-Chlordane

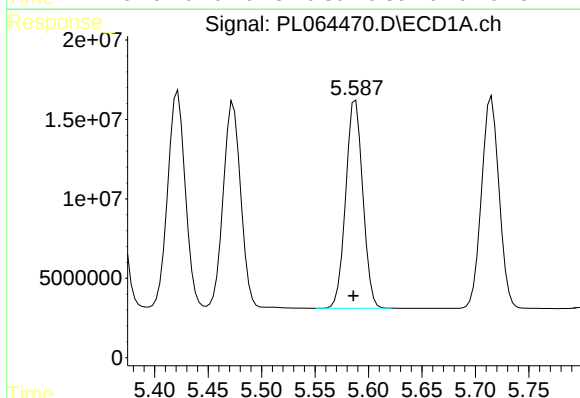
R.T.: 5.422 min  
Delta R.T.: 0.002 min  
Response: 155703044  
Conc: 40.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



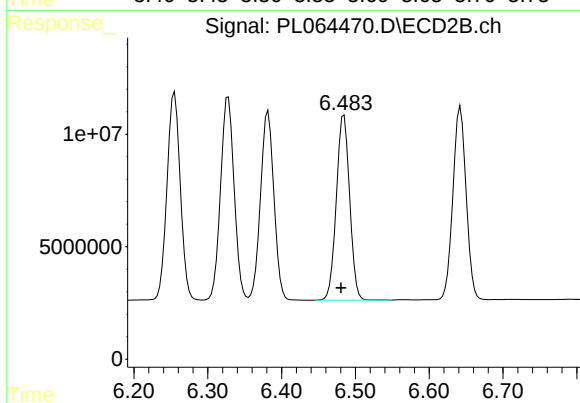
#11 alpha-Chlordane

R.T.: 6.328 min  
Delta R.T.: 0.003 min  
Response: 115905038  
Conc: 38.07 ng/ml



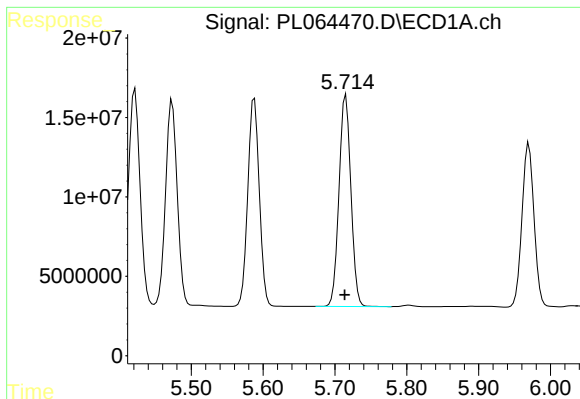
#12 4,4'-DDE

R.T.: 5.588 min  
Delta R.T.: 0.002 min  
Response: 145774394  
Conc: 41.38 ng/ml



#12 4,4'-DDE

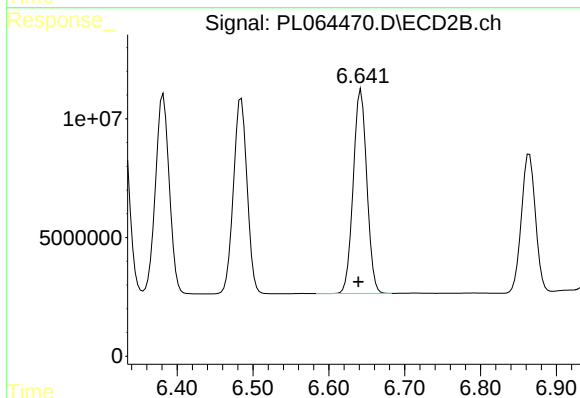
R.T.: 6.485 min  
Delta R.T.: 0.004 min  
Response: 103124606  
Conc: 38.72 ng/ml



#13 Dieldrin

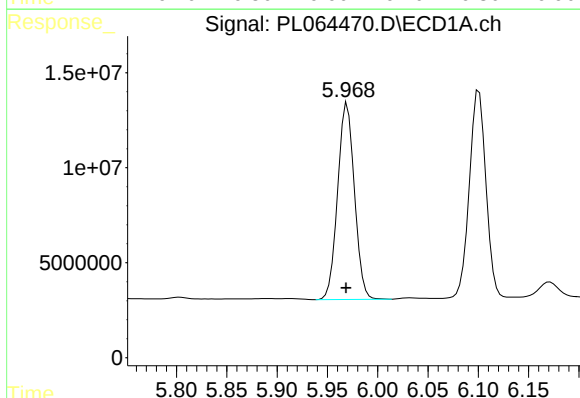
R.T.: 5.715 min  
Delta R.T.: 0.002 min  
Response: 152750425  
Conc: 41.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



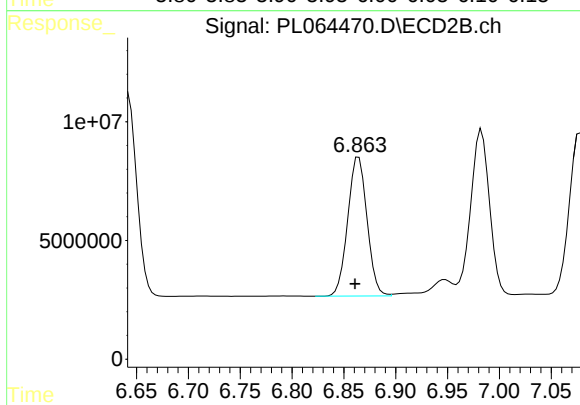
#13 Dieldrin

R.T.: 6.642 min  
Delta R.T.: 0.003 min  
Response: 107098295  
Conc: 38.09 ng/ml



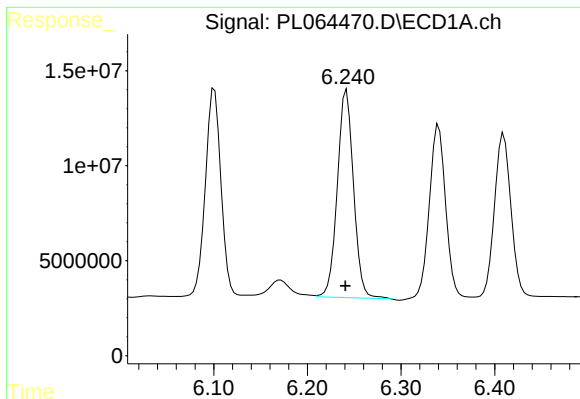
#14 Endrin

R.T.: 5.970 min  
Delta R.T.: 0.001 min  
Response: 119757539  
Conc: 34.49 ng/ml



#14 Endrin

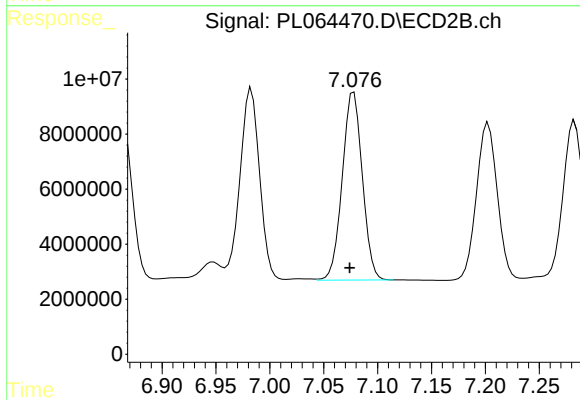
R.T.: 6.864 min  
Delta R.T.: 0.003 min  
Response: 75967893  
Conc: 33.27 ng/ml



#15 Endosulfan II

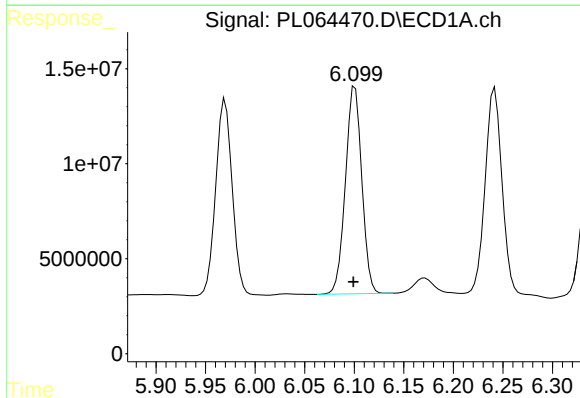
R.T.: 6.242 min  
Delta R.T.: 0.001 min  
Response: 131500442  
Conc: 38.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



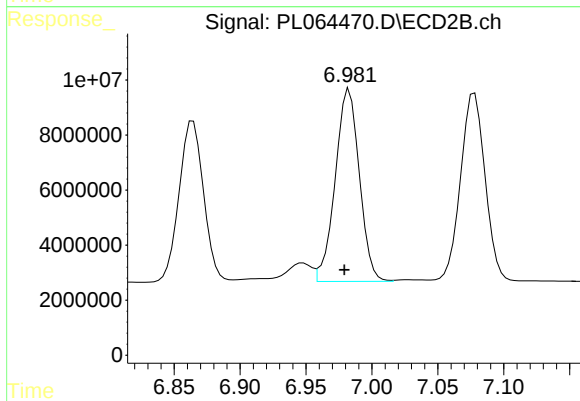
#15 Endosulfan II

R.T.: 7.078 min  
Delta R.T.: 0.003 min  
Response: 88459315  
Conc: 35.02 ng/ml



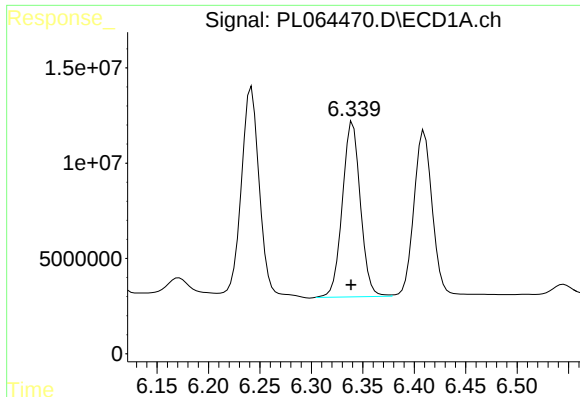
#16 4,4'-DDD

R.T.: 6.101 min  
Delta R.T.: 0.002 min  
Response: 125551140  
Conc: 43.05 ng/ml



#16 4,4'-DDD

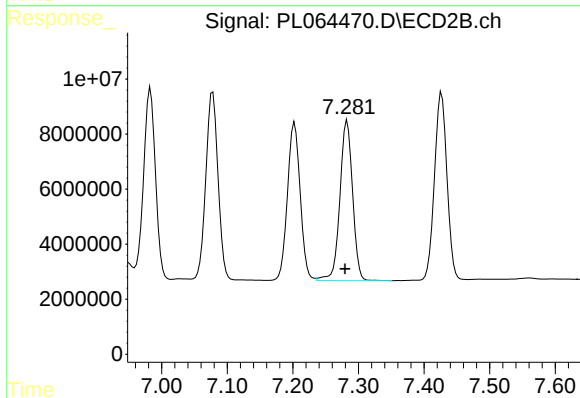
R.T.: 6.983 min  
Delta R.T.: 0.004 min  
Response: 89109176  
Conc: 40.20 ng/ml



#17 4,4'-DDT

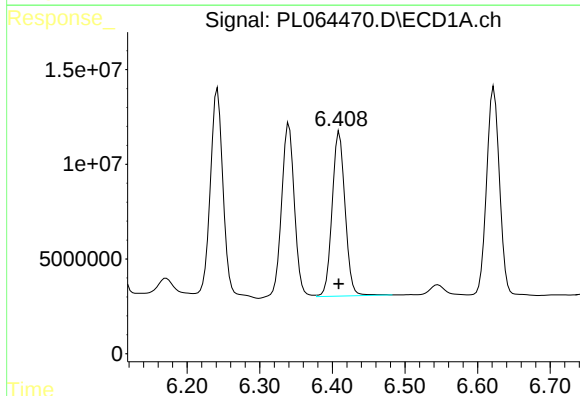
R.T.: 6.340 min  
Delta R.T.: 0.002 min  
Response: 112340586  
Conc: 37.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



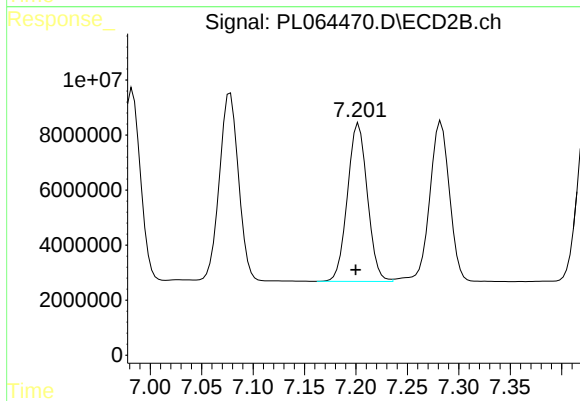
#17 4,4'-DDT

R.T.: 7.283 min  
Delta R.T.: 0.003 min  
Response: 78207650  
Conc: 34.53 ng/ml



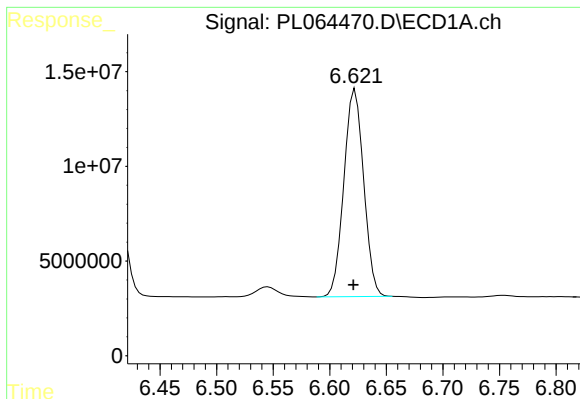
#18 Endrin aldehyde

R.T.: 6.410 min  
Delta R.T.: 0.000 min  
Response: 107723961  
Conc: 37.55 ng/ml



#18 Endrin aldehyde

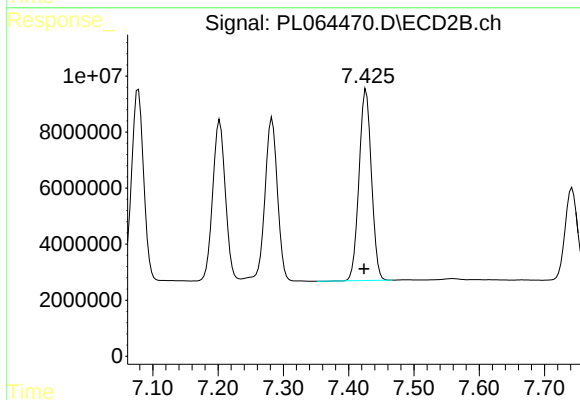
R.T.: 7.203 min  
Delta R.T.: 0.003 min  
Response: 77408487  
Conc: 35.70 ng/ml



#19 Endosulfan Sulfate

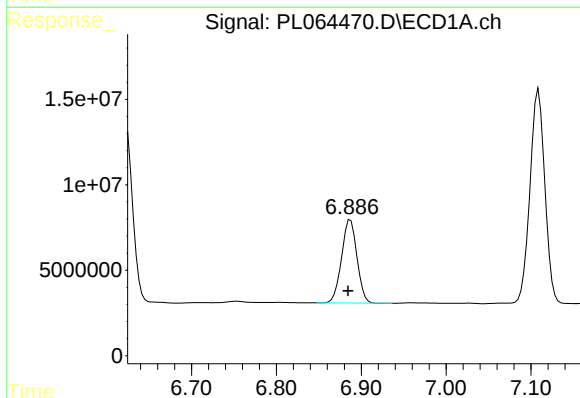
R.T.: 6.622 min  
Delta R.T.: 0.001 min  
Response: 133336350  
Conc: 39.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



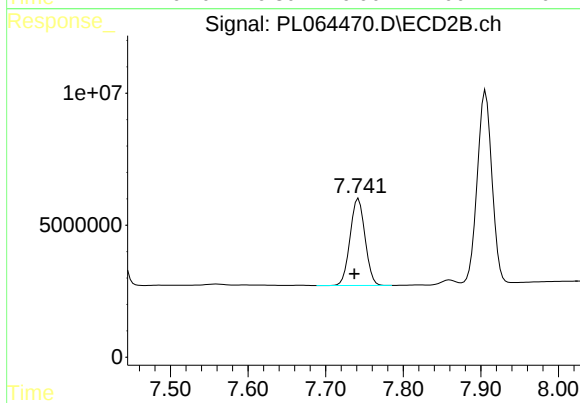
#19 Endosulfan Sulfate

R.T.: 7.427 min  
Delta R.T.: 0.003 min  
Response: 89996718  
Conc: 36.44 ng/ml



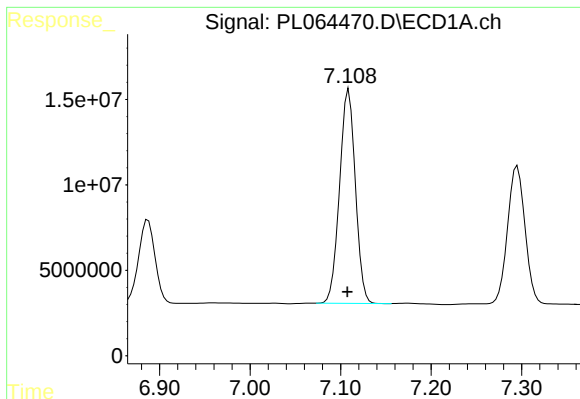
#20 Methoxychlor

R.T.: 6.887 min  
Delta R.T.: 0.003 min  
Response: 61346950  
Conc: 36.71 ng/ml



#20 Methoxychlor

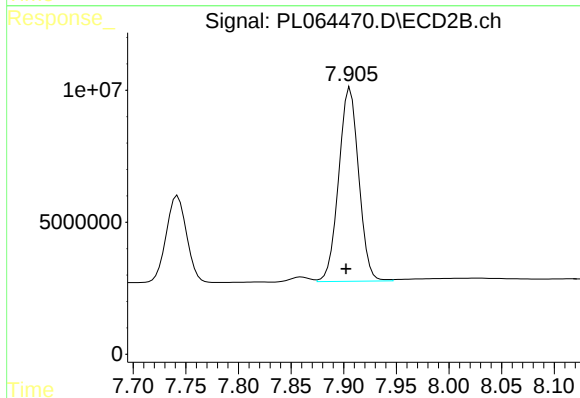
R.T.: 7.742 min  
Delta R.T.: 0.005 min  
Response: 44065565  
Conc: 32.61 ng/ml



#21 Endrin ketone

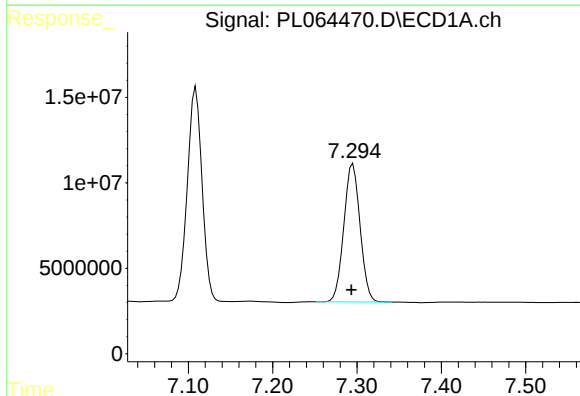
R.T.: 7.109 min  
Delta R.T.: 0.001 min  
Response: 151944454  
Conc: 42.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



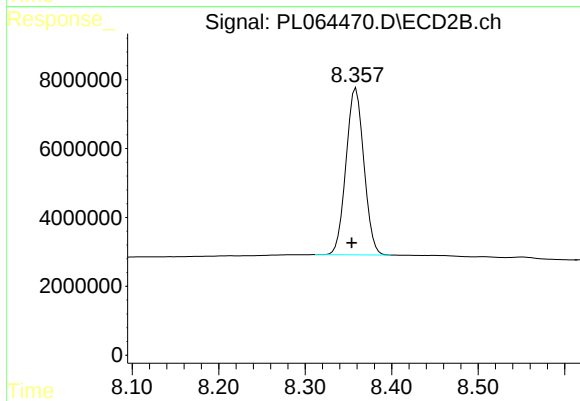
#21 Endrin ketone

R.T.: 7.906 min  
Delta R.T.: 0.004 min  
Response: 97260690  
Conc: 38.99 ng/ml



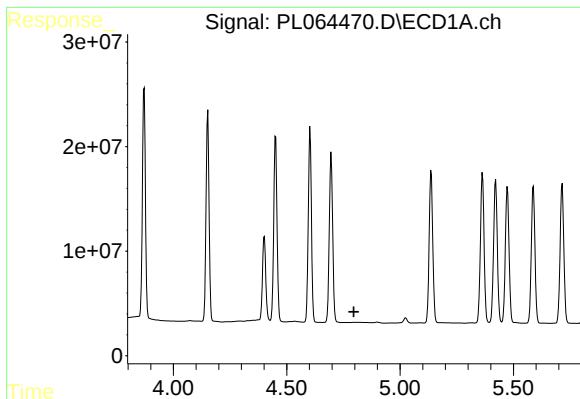
#22 Mirex

R.T.: 7.295 min  
Delta R.T.: 0.002 min  
Response: 108066733  
Conc: 39.72 ng/ml



#22 Mirex

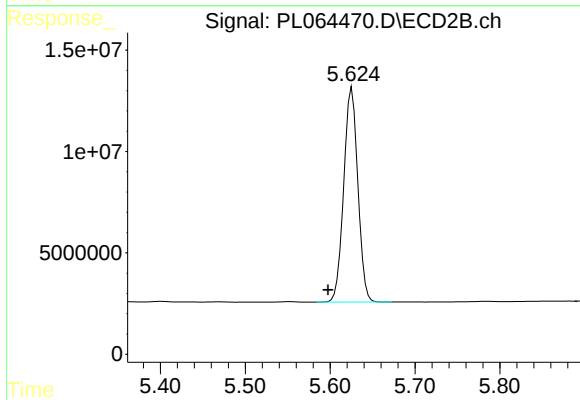
R.T.: 8.359 min  
Delta R.T.: 0.005 min  
Response: 69249305  
Conc: 34.14 ng/ml



#24 Chlordane-2

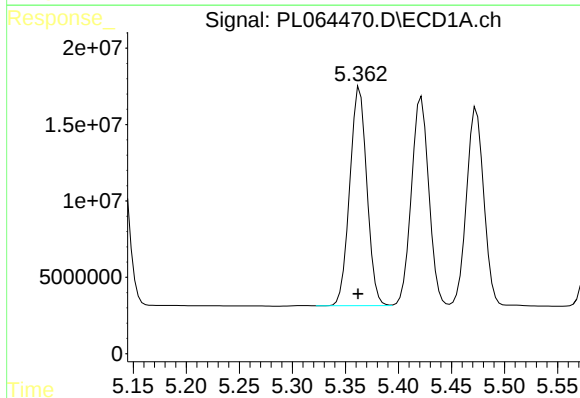
R.T.: 0.000 min  
Exp R.T.: 4.796 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



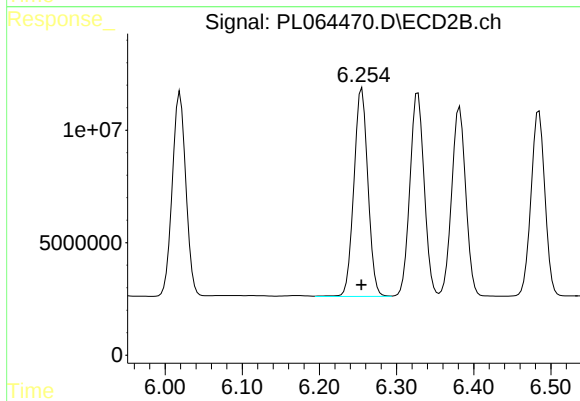
#24 Chlordane-2

R.T.: 5.626 min  
Delta R.T.: 0.028 min  
Response: 121962582  
Conc: 962.01 ng/ml



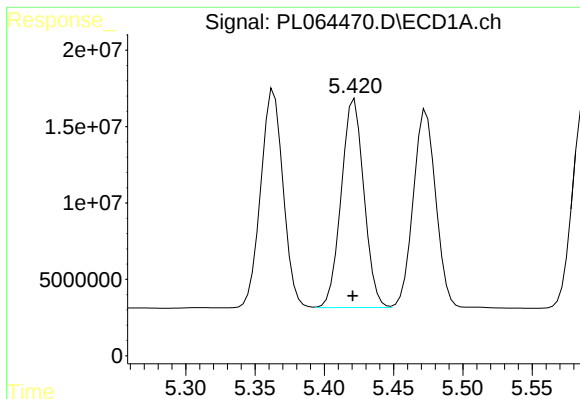
#25 Chlordane-3

R.T.: 5.364 min  
Delta R.T.: 0.002 min  
Response: 160103935  
Conc: 400.71 ng/ml



#25 Chlordane-3

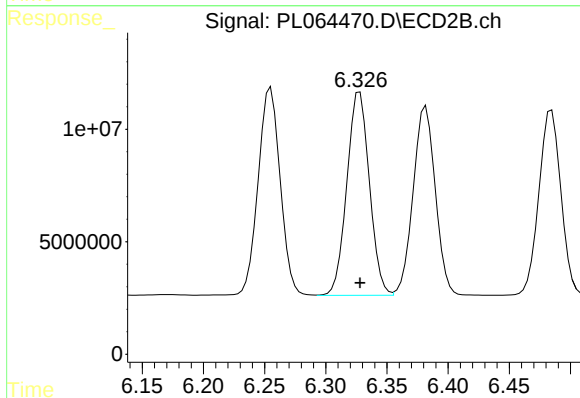
R.T.: 6.255 min  
Delta R.T.: 0.000 min  
Response: 116561309  
Conc: 288.28 ng/ml



#26 Chlordane-4

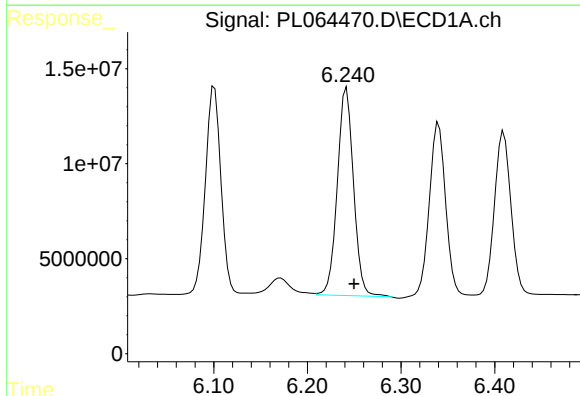
R.T.: 5.422 min  
Delta R.T.: 0.001 min  
Response: 155703044  
Conc: 473.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



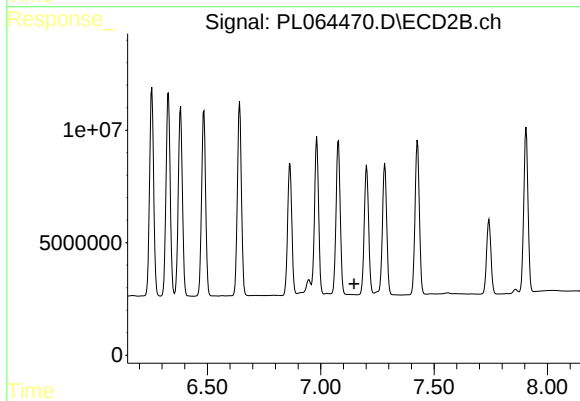
#26 Chlordane-4

R.T.: 6.328 min  
Delta R.T.: 0.000 min  
Response: 115905038  
Conc: 234.49 ng/ml



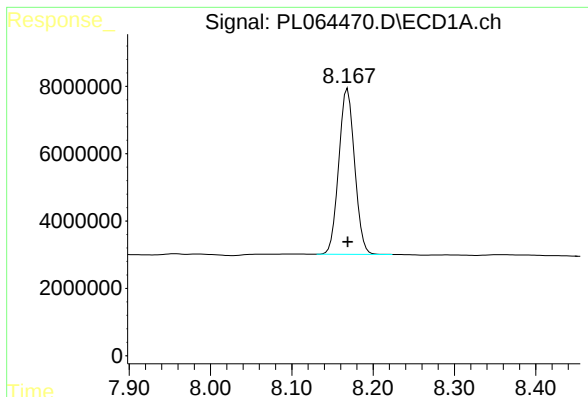
#27 Chlordane-5

R.T.: 6.242 min  
Delta R.T.: -0.008 min  
Response: 131500442  
Conc: 938.40 ng/ml



#27 Chlordane-5

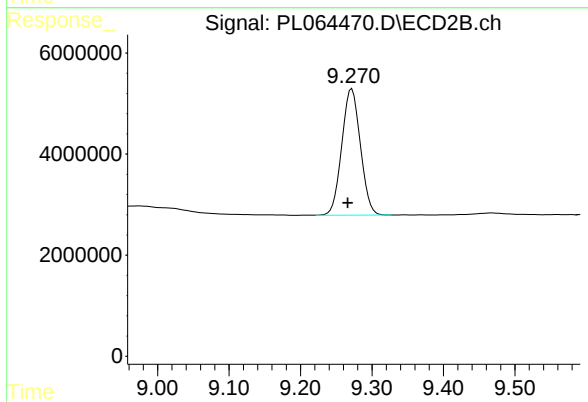
R.T.: 0.000 min  
Exp R.T.: 7.148 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.169 min  
Delta R.T.: 0.000 min  
Response: 66396869  
Conc: 21.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.272 min  
Delta R.T.: 0.006 min  
Response: 45261925  
Conc: 19.07 ng/ml