

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102919\  
 Data File : PL053868.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Oct 2019 14:26  
 Operator : SG\AJ  
 Sample : PB124386BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB124386BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 30 07:13:34 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 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... | 3.543 | 4.044  | 233.5E6  | 55004066 | 21.543  | 21.981    |
| 28)                         | SA Decachlor... | 8.326 | 9.121  | 173.6E6  | 53352054 | 17.693  | 18.946    |
| Target Compounds            |                 |       |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.986 | 4.435  | 168.4E6  | 34482077 | 9.659   | 9.974     |
| 3)                          | MA gamma-BHC... | 4.272 | 4.720  | 152.2E6  | 33239008 | 9.771   | 10.321    |
| 4)                          | MA Heptachlor   | 4.579 | 5.230  | 154.4E6  | 32548426 | 9.783   | 10.101    |
| 5)                          | MB Aldrin       | 4.831 | 5.535  | 144.2E6  | 30659230 | 10.084  | 10.283    |
| 6)                          | B beta-BHC      | 4.523 | 4.890  | 68294669 | 15791161 | 10.364  | 10.223    |
| 7)                          | B delta-BHC     | 4.731 | 5.108  | 129.7E6  | 28366045 | 8.520   | 9.391     |
| 8)                          | B Heptachlor... | 5.276 | 5.922  | 133.1E6  | 30666085 | 9.861   | 10.515    |
| 9)                          | A Endosulfan I  | 5.618 | 6.278  | 117.8E6  | 27492310 | 9.580   | 10.140    |
| 10)                         | B gamma-Chl...  | 5.505 | 6.156  | 128.7E6  | 28939315 | 9.432   | 9.918     |
| 11)                         | B alpha-Chl...  | 5.563 | 6.228  | 126.0E6  | 29460172 | 9.469   | 10.092    |
| 12)                         | B 4,4'-DDE      | 5.726 | 6.384  | 115.0E6  | 28506964 | 9.678   | 10.122    |
| 13)                         | MA Dieldrin     | 5.863 | 6.535  | 116.0E6  | 28097549 | 8.898   | 9.846     |
| 14)                         | MA Endrin       | 6.121 | 6.753  | 97754166 | 22172851 | 8.433   | 9.135     |
| 15)                         | B Endosulfa...  | 6.394 | 6.962  | 101.2E6  | 24501149 | 9.055   | 9.591     |
| 16)                         | A 4,4'-DDD      | 6.244 | 6.874  | 89197469 | 22449785 | 10.022  | 10.773    |
| 17)                         | MA 4,4'-DDT     | 6.486 | 7.173  | 73755178 | 19413642 | 7.445   | 8.395     |
| 18)                         | B Endrin al...  | 6.562 | 7.086  | 83609123 | 21250569 | 9.118   | 9.674     |
| 19)                         | B Endosulfa...  | 6.776 | 7.309  | 93802308 | 23847543 | 9.222   | 9.719     |
| 20)                         | A Methoxychlor  | 7.031 | 7.630  | 42679756 | 10934983 | 8.657   | 8.419     |
| 21)                         | B Endrin ke...  | 7.269 | 7.780  | 94672358 | 25573996 | 8.794   | 9.918     |
| 22)                         | Mirex           | 7.463 | 8.235  | 76309975 | 19794218 | 8.922   | 9.784     |
| 24)                         | Chlordane-2     | 0.000 | 5.535f | 0        | 30659230 | N.D.    | 312.144 # |
| 25)                         | Chlordane-3     | 5.505 | 6.156  | 128.7E6  | 28939315 | 111.642 | 79.236 #  |
| 26)                         | Chlordane-4     | 5.563 | 6.228  | 126.0E6  | 29460172 | 134.377 | 65.622 #  |
| 27)                         | Chlordane-5     | 6.394 | 0.000  | 101.2E6  | 0        | 276.944 | N.D. #    |
| -----                       |                 |       |        |          |          |         |           |

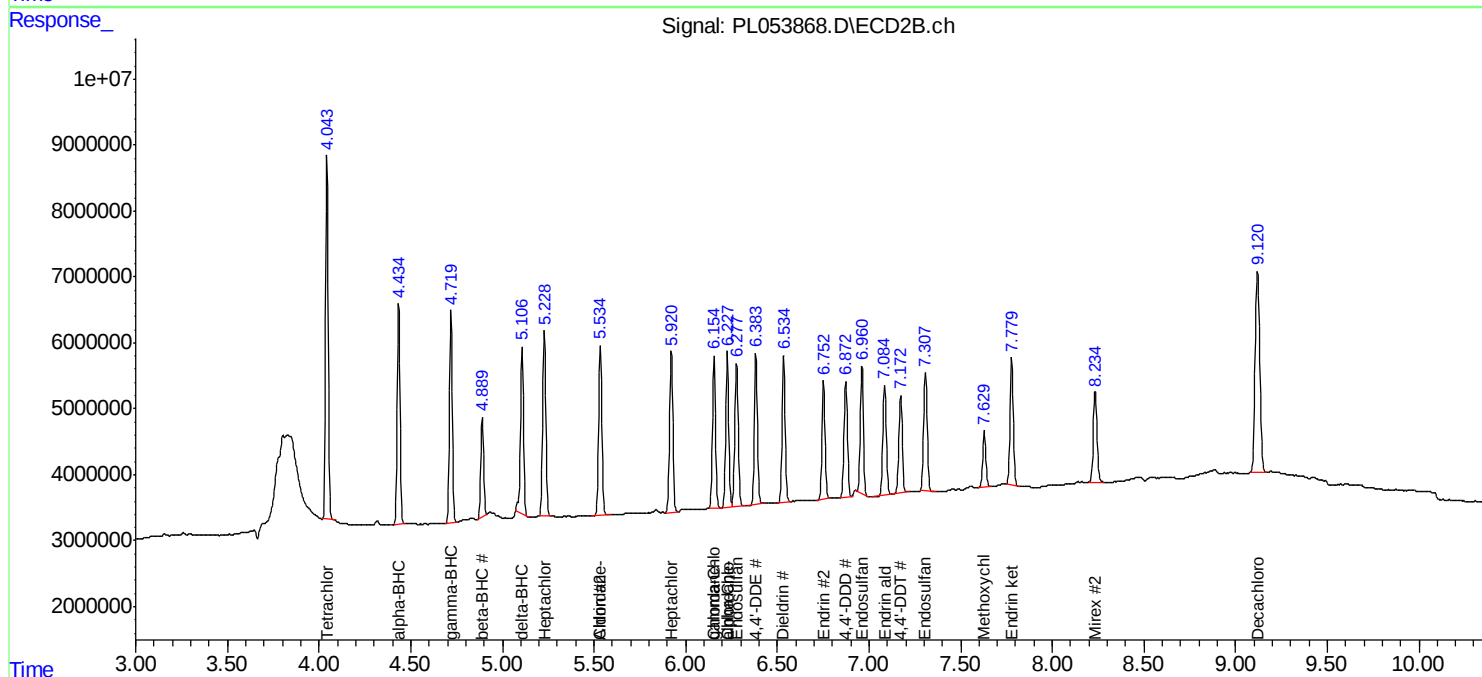
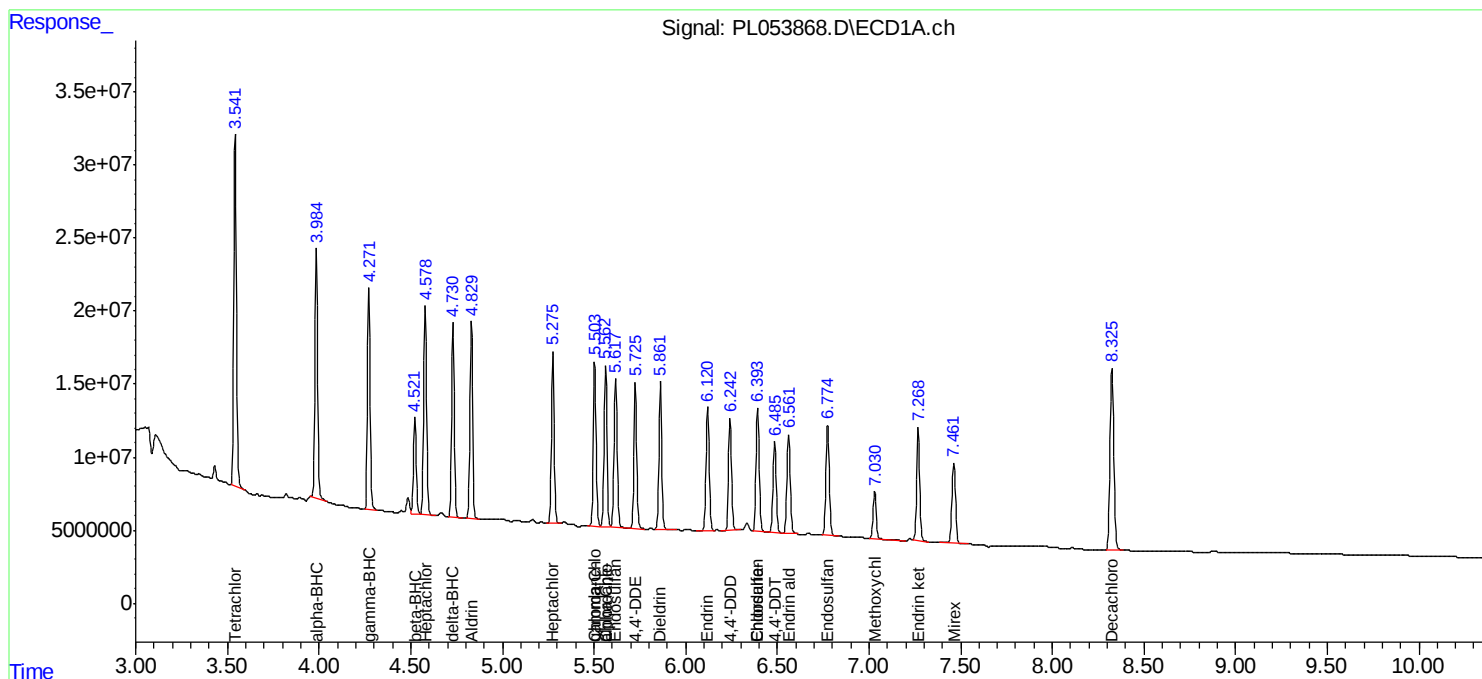
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

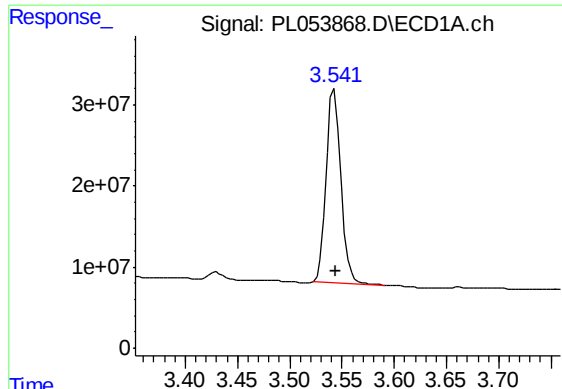
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102919\  
Data File : PL053868.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Oct 2019 14:26  
Operator : SG\AJ  
Sample : PB124386BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PB124386BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 30 07:13:34 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 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

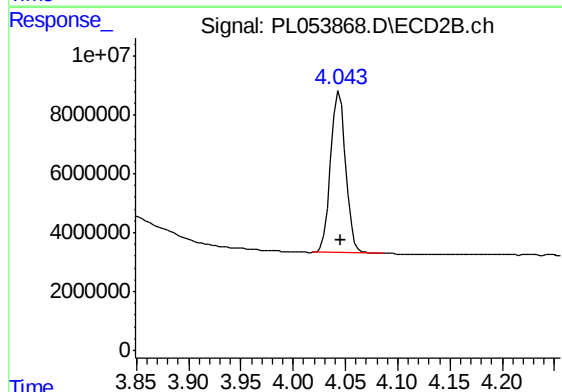




#1 Tetrachloro-m-xylene

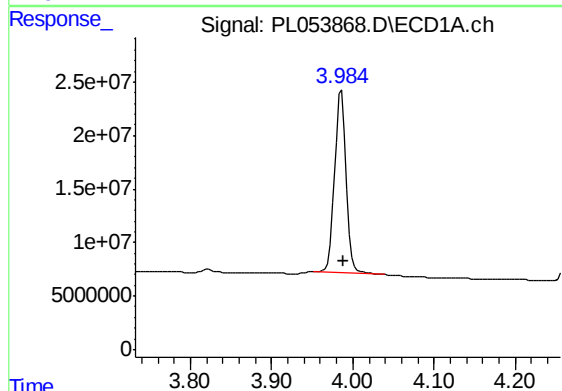
R.T.: 3.543 min  
Delta R.T.: -0.001 min  
Response: 233508036  
Conc: 21.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124386BS



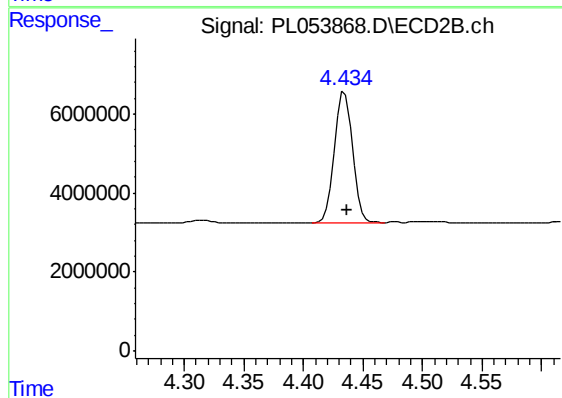
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: -0.002 min  
Response: 55004066  
Conc: 21.98 ng/ml



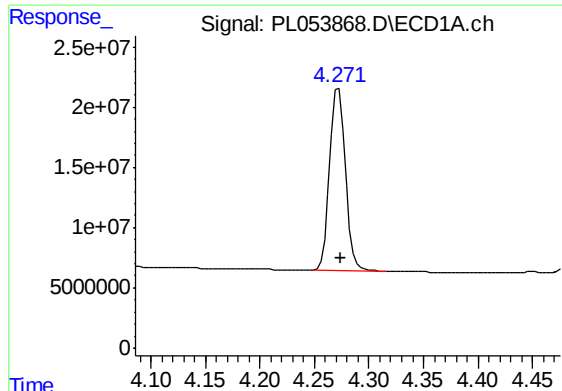
#2 alpha-BHC

R.T.: 3.986 min  
Delta R.T.: -0.002 min  
Response: 168427268  
Conc: 9.66 ng/ml



#2 alpha-BHC

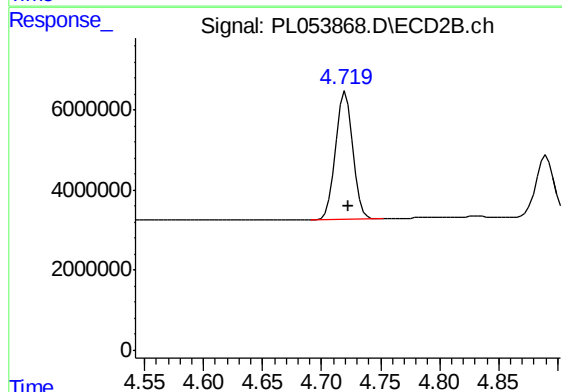
R.T.: 4.435 min  
Delta R.T.: -0.002 min  
Response: 34482077  
Conc: 9.97 ng/ml



#3 gamma-BHC (Lindane)

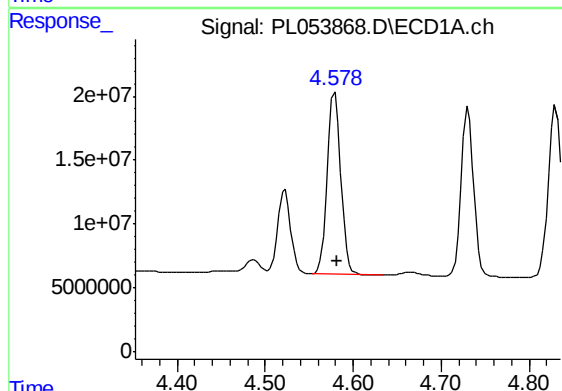
R.T.: 4.272 min  
Delta R.T.: -0.002 min  
Response: 152162916  
Conc: 9.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124386BS



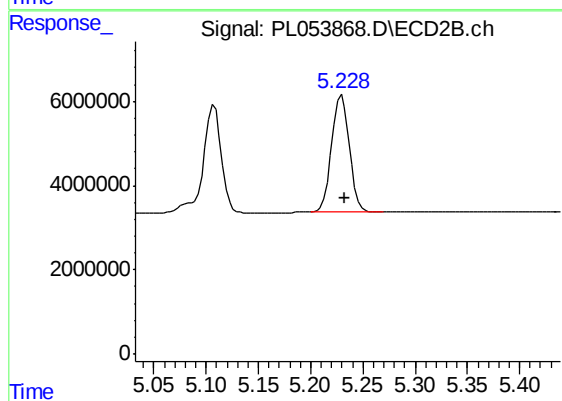
#3 gamma-BHC (Lindane)

R.T.: 4.720 min  
Delta R.T.: -0.002 min  
Response: 33239008  
Conc: 10.32 ng/ml



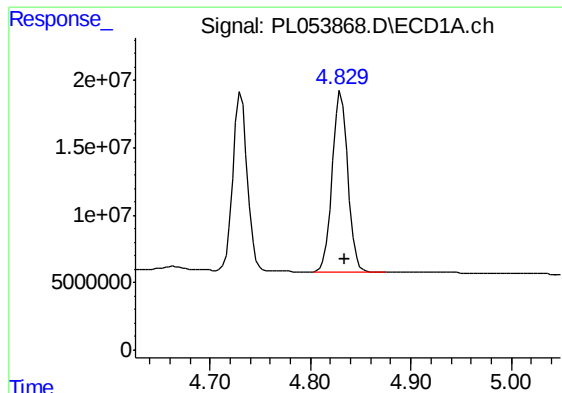
#4 Heptachlor

R.T.: 4.579 min  
Delta R.T.: -0.003 min  
Response: 154402462  
Conc: 9.78 ng/ml



#4 Heptachlor

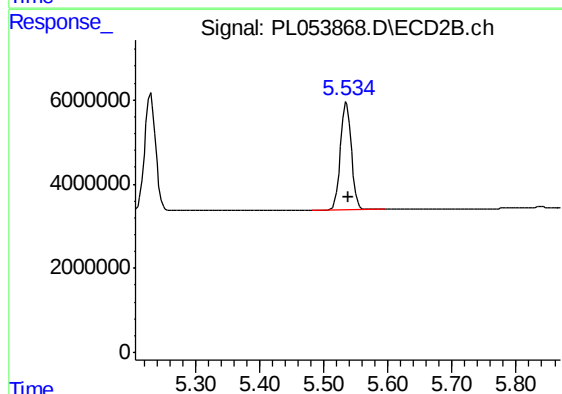
R.T.: 5.230 min  
Delta R.T.: -0.002 min  
Response: 32548426  
Conc: 10.10 ng/ml



#5 Aldrin

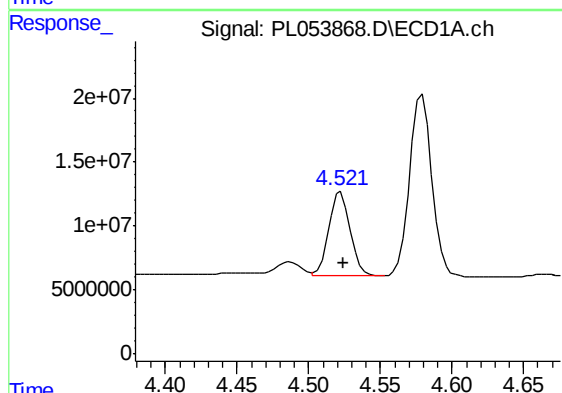
R.T.: 4.831 min  
Delta R.T.: -0.003 min  
Response: 144159621  
Conc: 10.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124386BS



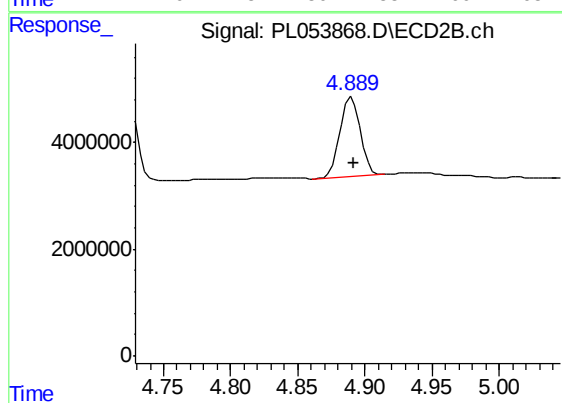
#5 Aldrin

R.T.: 5.535 min  
Delta R.T.: -0.003 min  
Response: 30659230  
Conc: 10.28 ng/ml



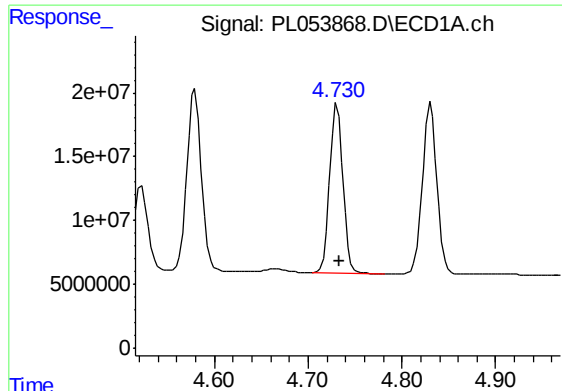
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: -0.002 min  
Response: 68294669  
Conc: 10.36 ng/ml



#6 beta-BHC

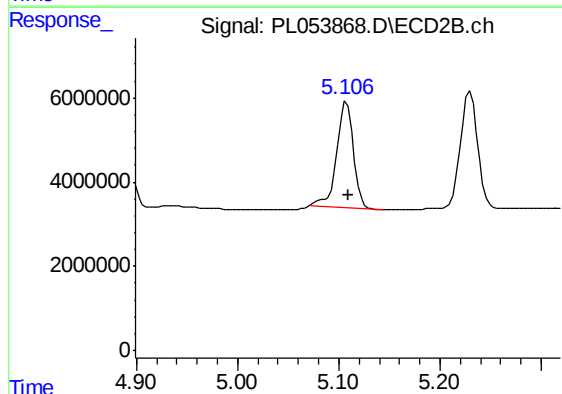
R.T.: 4.890 min  
Delta R.T.: -0.001 min  
Response: 15791161  
Conc: 10.22 ng/ml



#7 delta-BHC

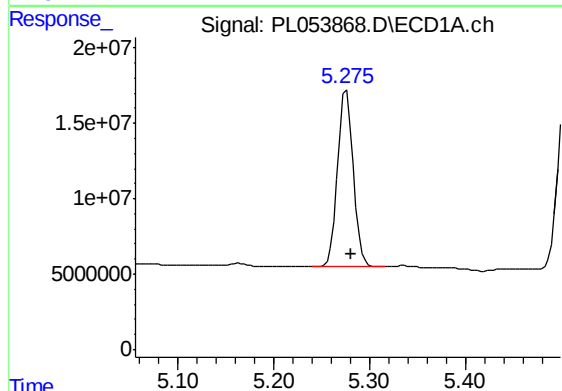
R.T.: 4.731 min  
Delta R.T.: -0.003 min  
Response: 129679704  
Conc: 8.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124386BS



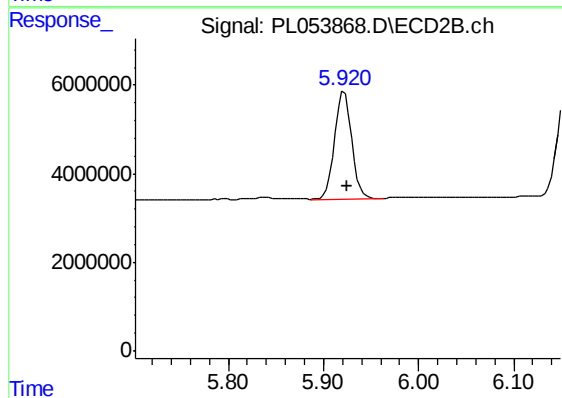
#7 delta-BHC

R.T.: 5.108 min  
Delta R.T.: -0.001 min  
Response: 28366045  
Conc: 9.39 ng/ml



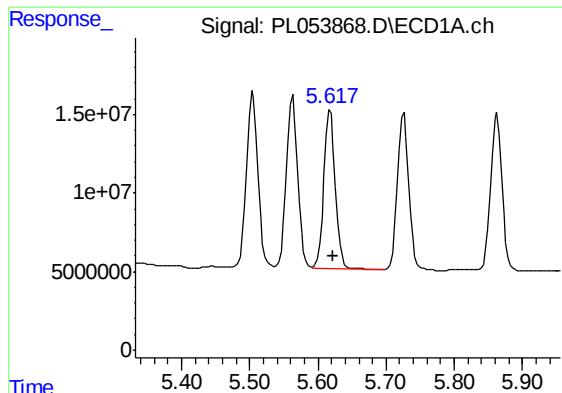
#8 Heptachlor epoxide

R.T.: 5.276 min  
Delta R.T.: -0.004 min  
Response: 133118366  
Conc: 9.86 ng/ml



#8 Heptachlor epoxide

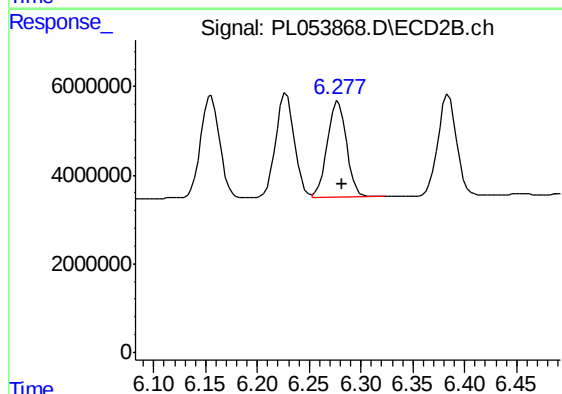
R.T.: 5.922 min  
Delta R.T.: -0.003 min  
Response: 30666085  
Conc: 10.52 ng/ml



#9 Endosulfan I

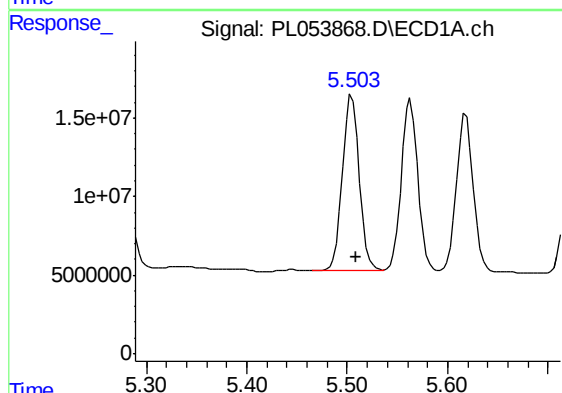
R.T.: 5.618 min  
Delta R.T.: -0.004 min  
Response: 117762258  
Conc: 9.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124386BS



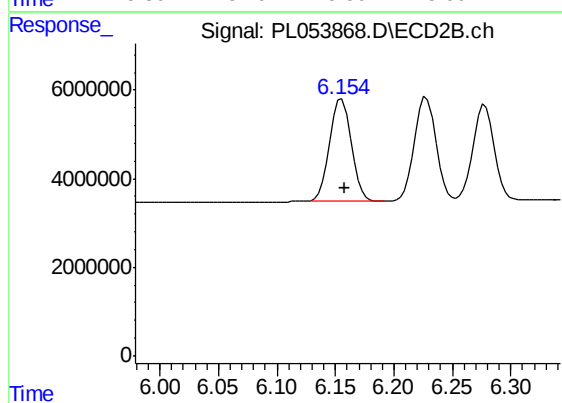
#9 Endosulfan I

R.T.: 6.278 min  
Delta R.T.: -0.003 min  
Response: 27492310  
Conc: 10.14 ng/ml



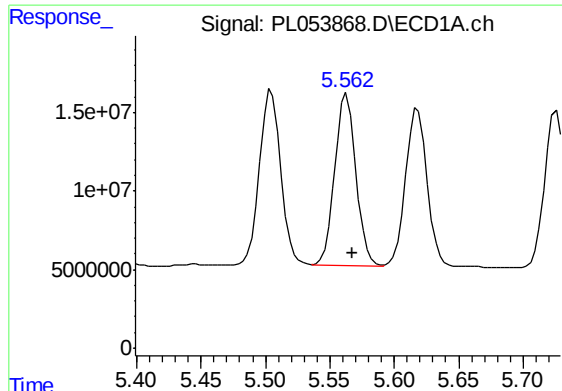
#10 gamma-Chlordane

R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 128687833  
Conc: 9.43 ng/ml



#10 gamma-Chlordane

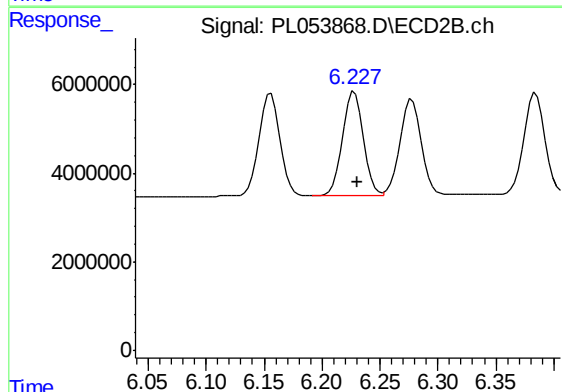
R.T.: 6.156 min  
Delta R.T.: -0.002 min  
Response: 28939315  
Conc: 9.92 ng/ml



#11 alpha-Chlordane

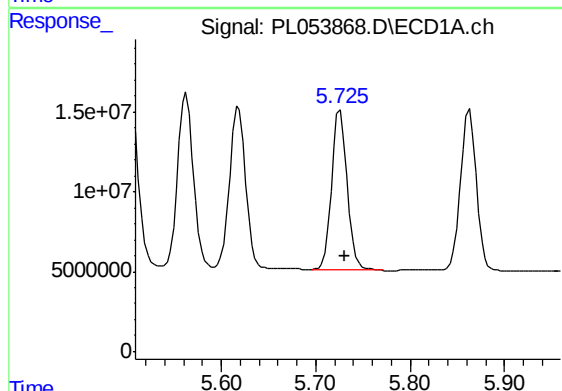
R.T.: 5.563 min  
Delta R.T.: -0.005 min  
Response: 125971962  
Conc: 9.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124386BS



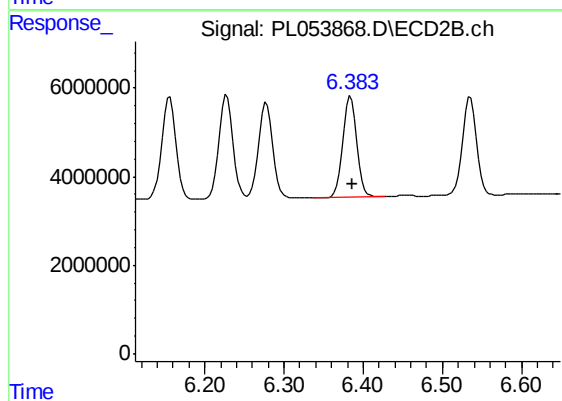
#11 alpha-Chlordane

R.T.: 6.228 min  
Delta R.T.: -0.003 min  
Response: 29460172  
Conc: 10.09 ng/ml



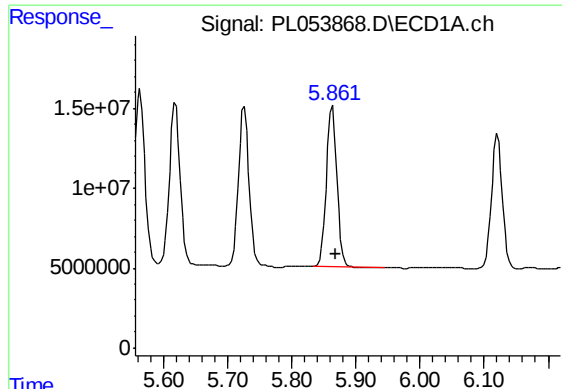
#12 4,4'-DDE

R.T.: 5.726 min  
Delta R.T.: -0.005 min  
Response: 114999178  
Conc: 9.68 ng/ml



#12 4,4'-DDE

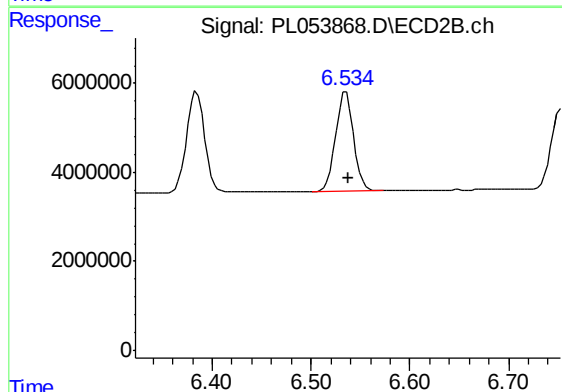
R.T.: 6.384 min  
Delta R.T.: -0.002 min  
Response: 28506964  
Conc: 10.12 ng/ml



#13 Dielddrin

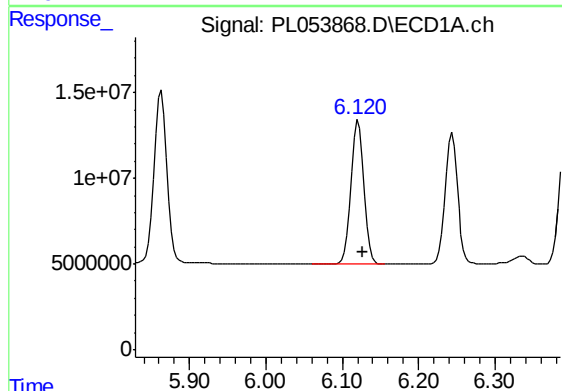
R.T.: 5.863 min  
Delta R.T.: -0.005 min  
Response: 115971650  
Conc: 8.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124386BS



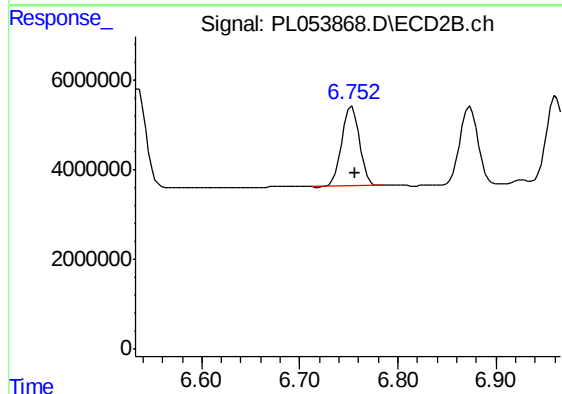
#13 Dielddrin

R.T.: 6.535 min  
Delta R.T.: -0.003 min  
Response: 28097549  
Conc: 9.85 ng/ml



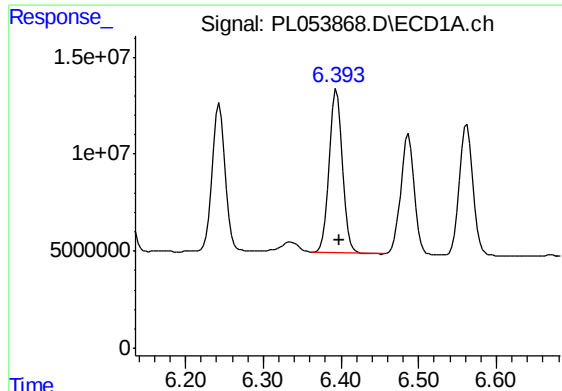
#14 Endrin

R.T.: 6.121 min  
Delta R.T.: -0.005 min  
Response: 97754166  
Conc: 8.43 ng/ml



#14 Endrin

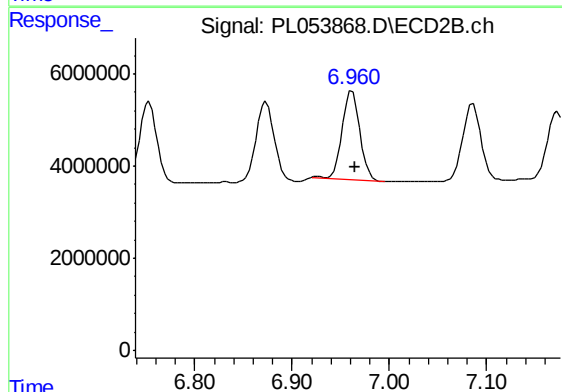
R.T.: 6.753 min  
Delta R.T.: -0.003 min  
Response: 22172851  
Conc: 9.14 ng/ml



#15 Endosulfan II

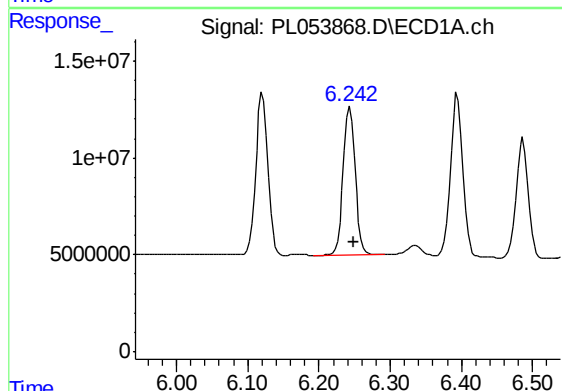
R.T.: 6.394 min  
Delta R.T.: -0.004 min  
Response: 101235419  
Conc: 9.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124386BS



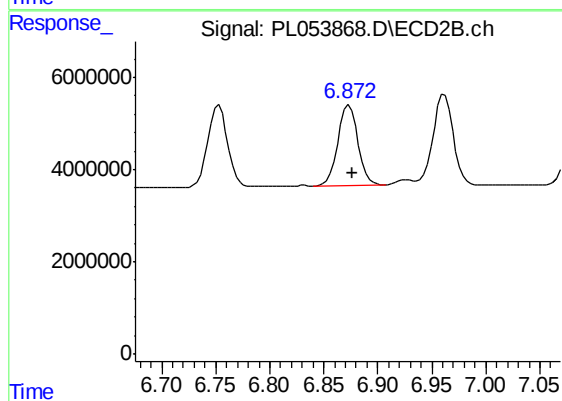
#15 Endosulfan II

R.T.: 6.962 min  
Delta R.T.: -0.003 min  
Response: 24501149  
Conc: 9.59 ng/ml



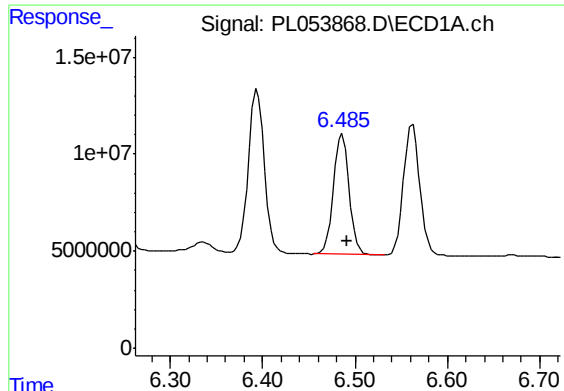
#16 4,4'-DDD

R.T.: 6.244 min  
Delta R.T.: -0.005 min  
Response: 89197469  
Conc: 10.02 ng/ml



#16 4,4'-DDD

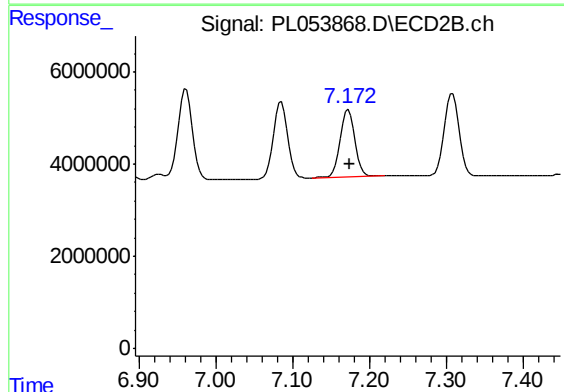
R.T.: 6.874 min  
Delta R.T.: -0.003 min  
Response: 22449785  
Conc: 10.77 ng/ml



#17 4,4'-DDT

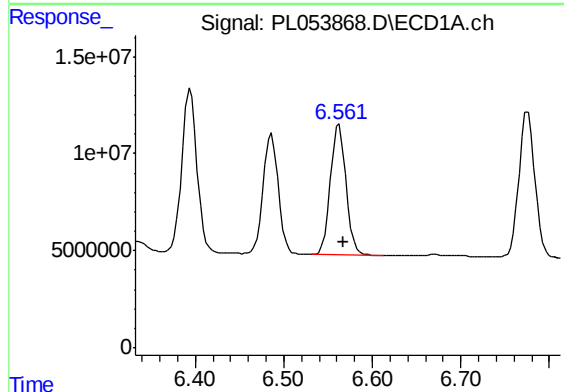
R.T.: 6.486 min  
Delta R.T.: -0.005 min  
Response: 73755178  
Conc: 7.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124386BS



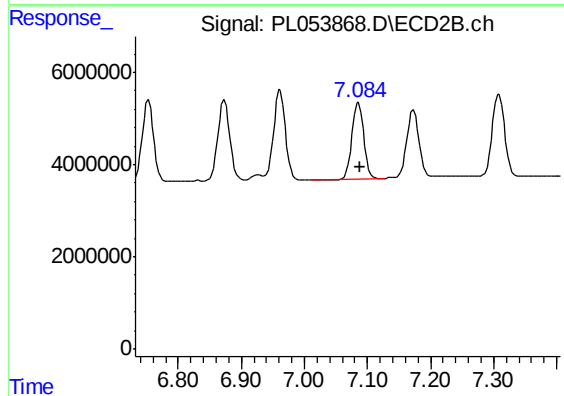
#17 4,4'-DDT

R.T.: 7.173 min  
Delta R.T.: -0.002 min  
Response: 19413642  
Conc: 8.40 ng/ml



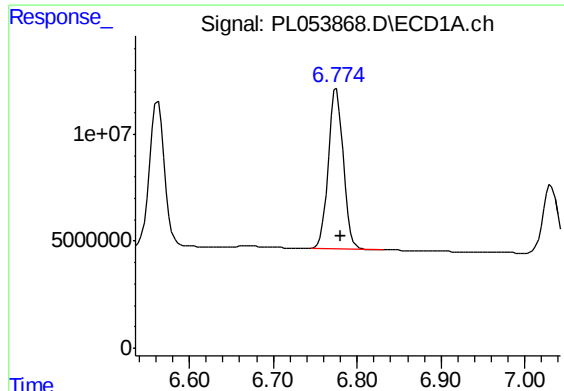
#18 Endrin aldehyde

R.T.: 6.562 min  
Delta R.T.: -0.005 min  
Response: 83609123  
Conc: 9.12 ng/ml



#18 Endrin aldehyde

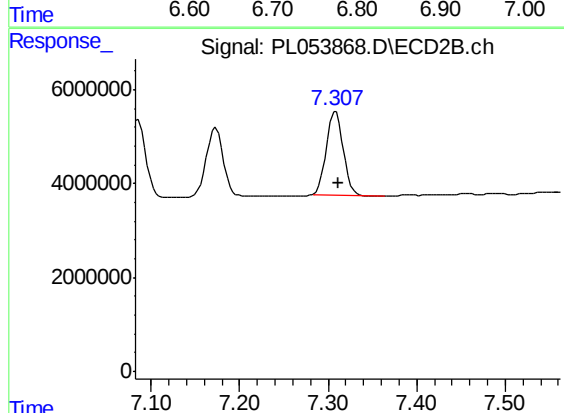
R.T.: 7.086 min  
Delta R.T.: -0.003 min  
Response: 21250569  
Conc: 9.67 ng/ml



#19 Endosulfan Sulfate

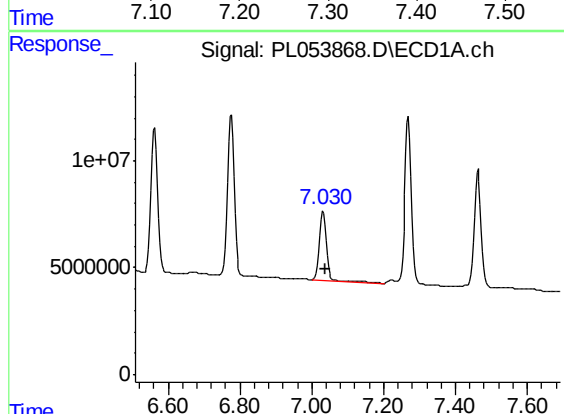
R.T.: 6.776 min  
Delta R.T.: -0.006 min  
Response: 93802308  
Conc: 9.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124386BS



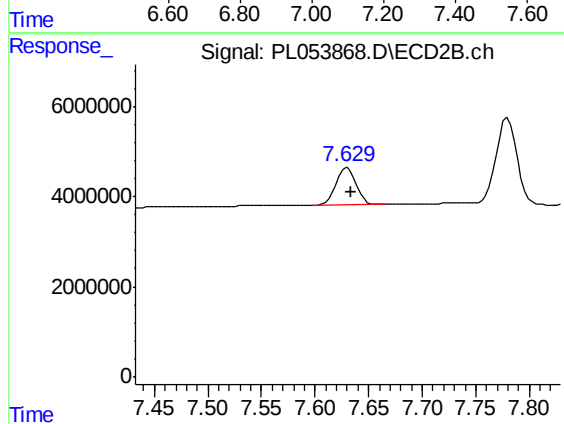
#19 Endosulfan Sulfate

R.T.: 7.309 min  
Delta R.T.: -0.003 min  
Response: 23847543  
Conc: 9.72 ng/ml



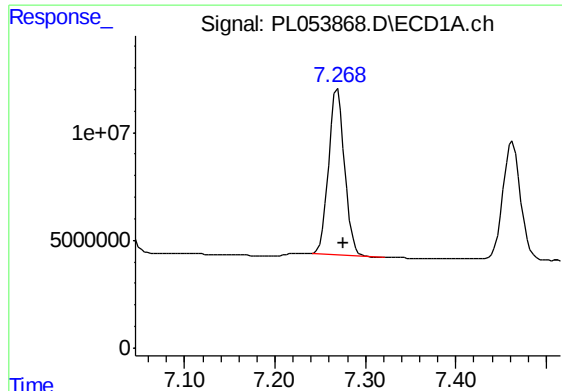
#20 Methoxychlor

R.T.: 7.031 min  
Delta R.T.: -0.006 min  
Response: 42679756  
Conc: 8.66 ng/ml



#20 Methoxychlor

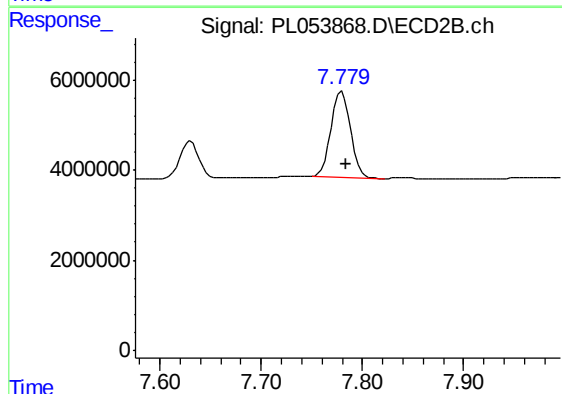
R.T.: 7.630 min  
Delta R.T.: -0.003 min  
Response: 10934983  
Conc: 8.42 ng/ml



#21 Endrin ketone

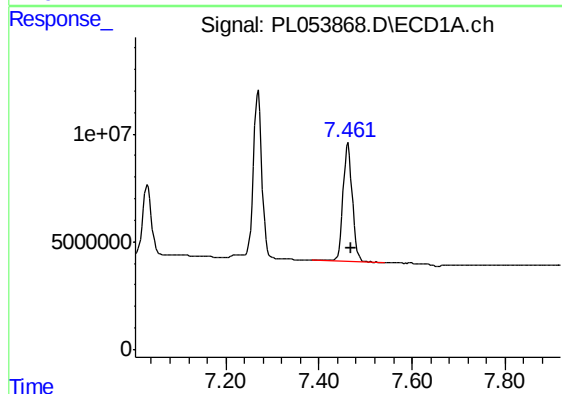
R.T.: 7.269 min  
Delta R.T.: -0.006 min  
Response: 94672358  
Conc: 8.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124386BS



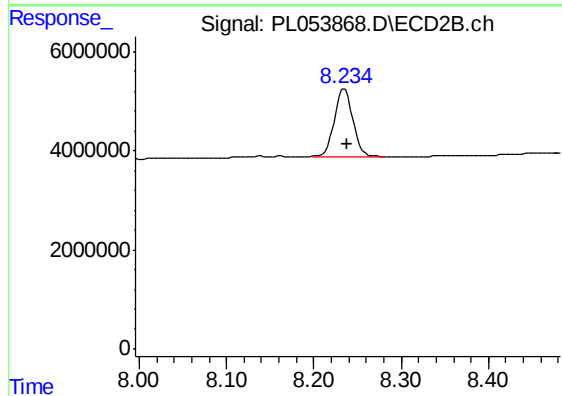
#21 Endrin ketone

R.T.: 7.780 min  
Delta R.T.: -0.003 min  
Response: 25573996  
Conc: 9.92 ng/ml



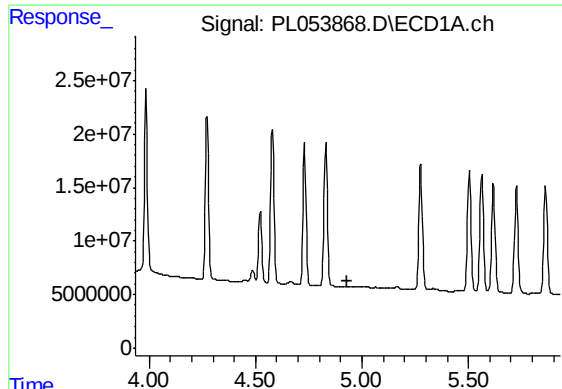
#22 Mirex

R.T.: 7.463 min  
Delta R.T.: -0.006 min  
Response: 76309975  
Conc: 8.92 ng/ml



#22 Mirex

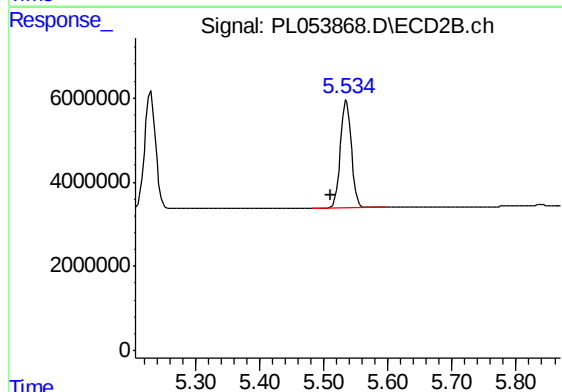
R.T.: 8.235 min  
Delta R.T.: -0.003 min  
Response: 19794218  
Conc: 9.78 ng/ml



#24 Chlordane-2

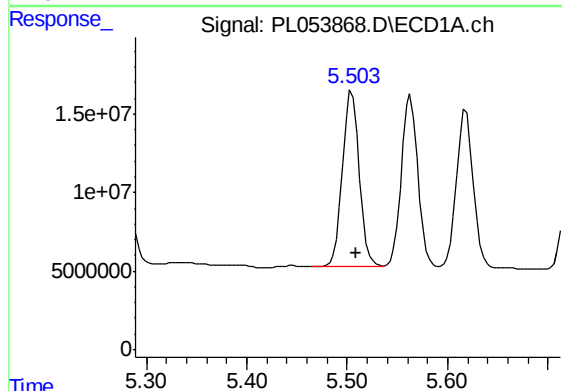
R.T.: 0.000 min  
Exp R.T.: 4.934 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB124386BS



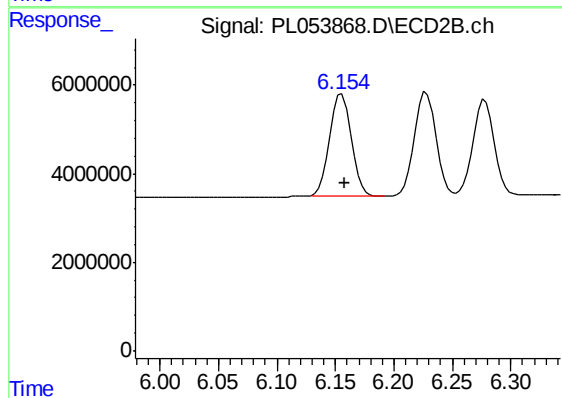
#24 Chlordane-2

R.T.: 5.535 min  
Delta R.T.: 0.025 min  
Response: 30659230  
Conc: 312.14 ng/ml



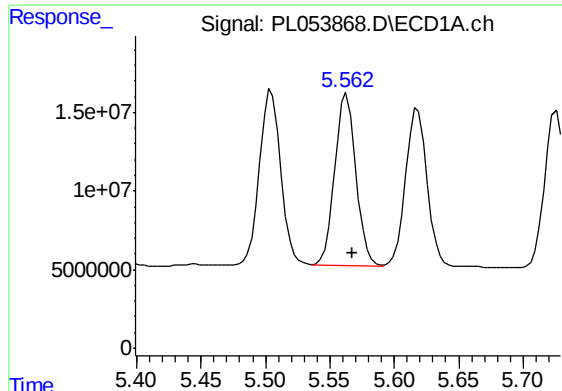
#25 Chlordane-3

R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 128687833  
Conc: 111.64 ng/ml



#25 Chlordane-3

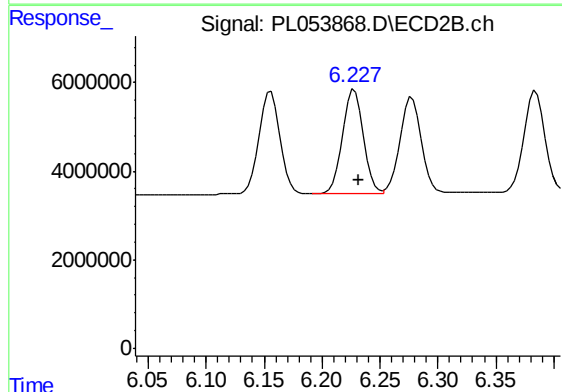
R.T.: 6.156 min  
Delta R.T.: -0.003 min  
Response: 28939315  
Conc: 79.24 ng/ml



#26 Chlordane-4

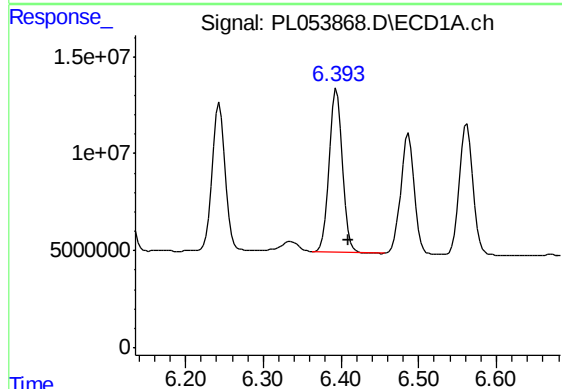
R.T.: 5.563 min  
Delta R.T.: -0.004 min  
Response: 125971962  
Conc: 134.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124386BS



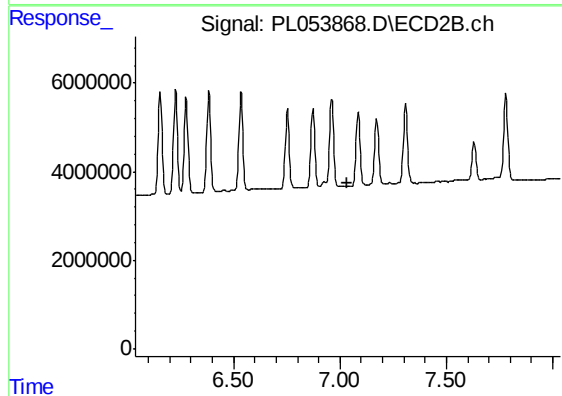
#26 Chlordane-4

R.T.: 6.228 min  
Delta R.T.: -0.004 min  
Response: 29460172  
Conc: 65.62 ng/ml



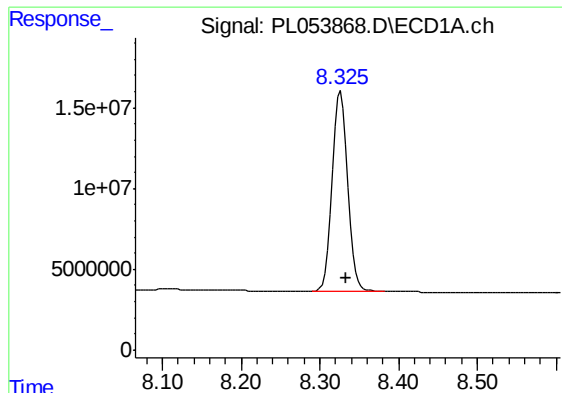
#27 Chlordane-5

R.T.: 6.394 min  
Delta R.T.: -0.015 min  
Response: 101235419  
Conc: 276.94 ng/ml



#27 Chlordane-5

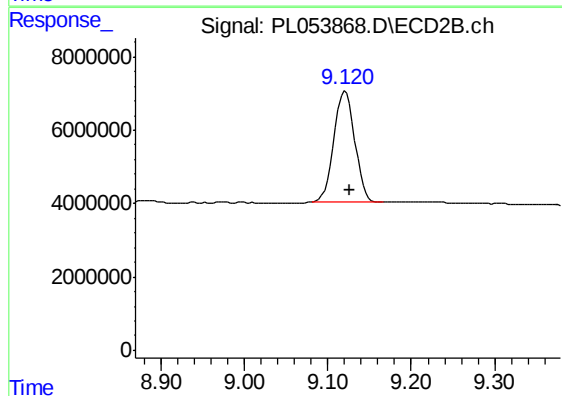
R.T.: 0.000 min  
Exp R.T. : 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.326 min  
Delta R.T.: -0.008 min  
Response: 173599964  
Conc: 17.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124386BS



#28 Decachlorobiphenyl

R.T.: 9.121 min  
Delta R.T.: -0.005 min  
Response: 53352054  
Conc: 18.95 ng/ml