

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030420\  
 Data File : PL057027.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Mar 2020 13:02  
 Operator : AJ\MA  
 Sample : L1743-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 04 15:42:15 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 04 03:55:01 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... | 3.480f | 3.958  | 160.5E6  | 45127162 | 18.827   | 21.152    |
| 28)                         | SA Decachlor... | 8.233  | 8.985  | 184.1E6  | 40687088 | 19.046   | 19.149    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.351  | 0        | 14640071 | N.D.     | 4.634 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 4.646f | 0        | 7746606  | N.D.     | 2.492 #   |
| 4)                          | MA Heptachlor   | 4.501f | 5.130  | 103.1E6  | 38730481 | 7.588    | 12.444 #  |
| 5)                          | MB Aldrin       | 4.708f | 5.407f | 32427096 | 75589794 | 2.511    | 25.288 #  |
| 7)                          | B delta-BHC     | 4.620f | 0.000  | 9390378  | 0        | 0.720    | N.D. #    |
| 8)                          | B Heptachlo...  | 5.155  | 5.805  | 422.4E6  | 88214158 | 34.907   | 31.834    |
| 9)                          | A Endosulfan I  | 5.512  | 6.196f | 244.5E6  | 21884643 | 21.570   | 7.834 #   |
| 10)                         | B gamma-Chl...  | 5.421  | 6.050  | 551.9E6  | 76363928 | 44.436   | 25.509 #  |
| 11)                         | B alpha-Chl...  | 5.477  | 6.124  | 406.7E6  | 179.6E6  | 33.102   | 59.581 #  |
| 12)                         | B 4,4'-DDE      | 5.606  | 6.280  | 83870552 | 27516436 | 7.158    | 9.696 #   |
| 13)                         | MA Dieldrin     | 5.761  | 0.000  | 18538317 | 0        | 1.516    | N.D. #    |
| 14)                         | MA Endrin       | 6.035f | 6.643  | 175.6E6  | 4973409  | 16.136   | 1.929 #   |
| 15)                         | B Endosulfa...  | 6.315f | 6.865  | 133.0E6  | 8723341  | 12.317   | 3.109 #   |
| 16)                         | A 4,4'-DDD      | 6.158  | 6.772  | 37373505 | 18502255 | 3.861    | 7.595 #   |
| 17)                         | MA 4,4'-DDT     | 6.397  | 7.067  | 63557969 | 12353239 | 6.495    | 5.022     |
| 18)                         | B Endrin al...  | 0.000  | 6.966  | 0        | 6653910  | N.D.     | 2.871 #   |
| 19)                         | B Endosulfa...  | 6.692f | 7.208  | 19641475 | 3884795  | 1.967    | 1.549     |
| 20)                         | A Methoxychlor  | 6.907  | 7.551f | 19370070 | 2875065  | 3.885    | 2.301 #   |
| 21)                         | B Endrin ke...  | 0.000  | 7.672  | 0        | 2590663  | N.D.     | 0.945 #   |
| 23)                         | Chlordane-1     | 4.350f | 4.943  | 785.0E6  | 211.2E6  | 2582.581 | 2633.752  |
| 24)                         | Chlordane-2     | 4.819  | 5.407  | 53820328 | 75589794 | 152.611  | 791.896 # |
| 25)                         | Chlordane-3     | 5.421f | 6.050  | 551.9E6  | 76363928 | 511.685  | 201.494 # |
| 26)                         | Chlordane-4     | 5.441f | 6.124  | 473.5E6  | 179.6E6  | 515.235  | 391.690   |
| 27)                         | Chlordane-5     | 6.315f | 6.924  | 133.0E6  | 28728092 | 366.216  | 344.339   |
| -----                       |                 |        |        |          |          |          |           |

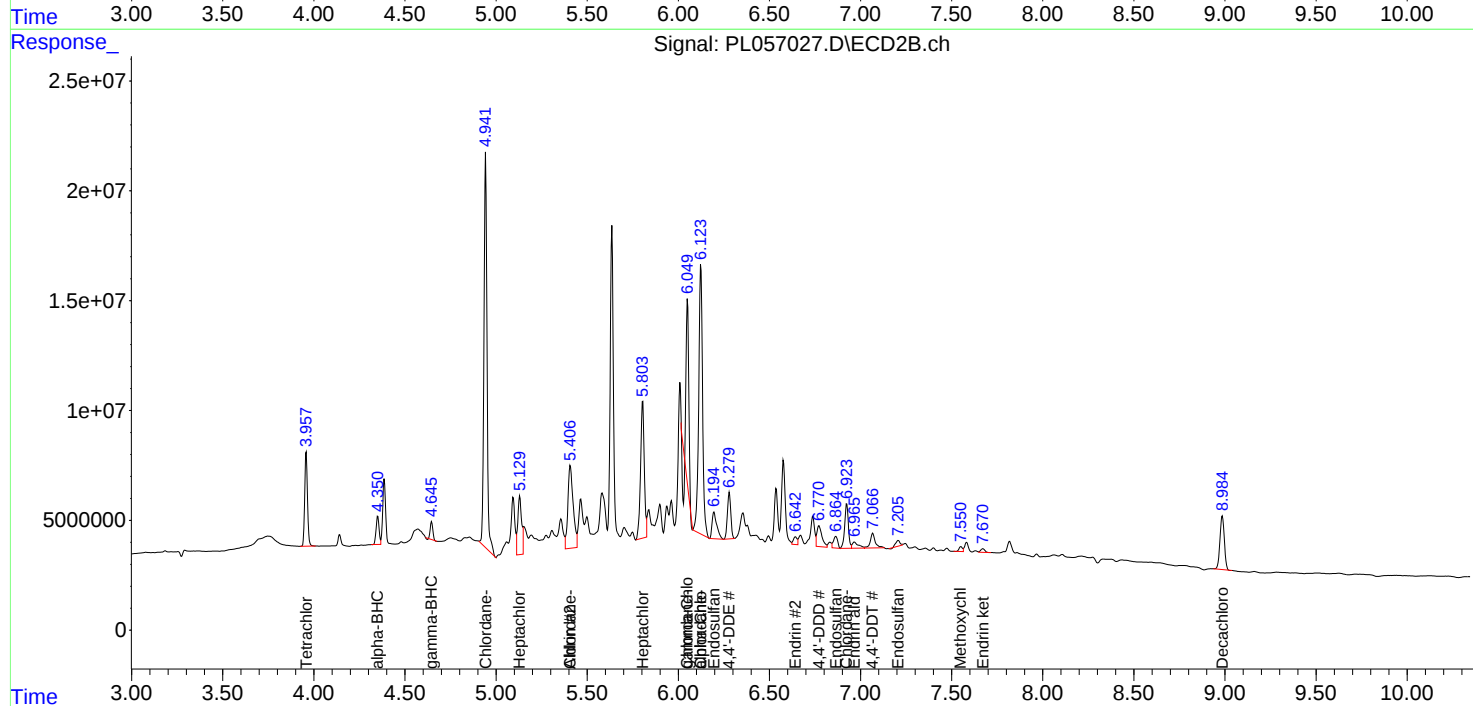
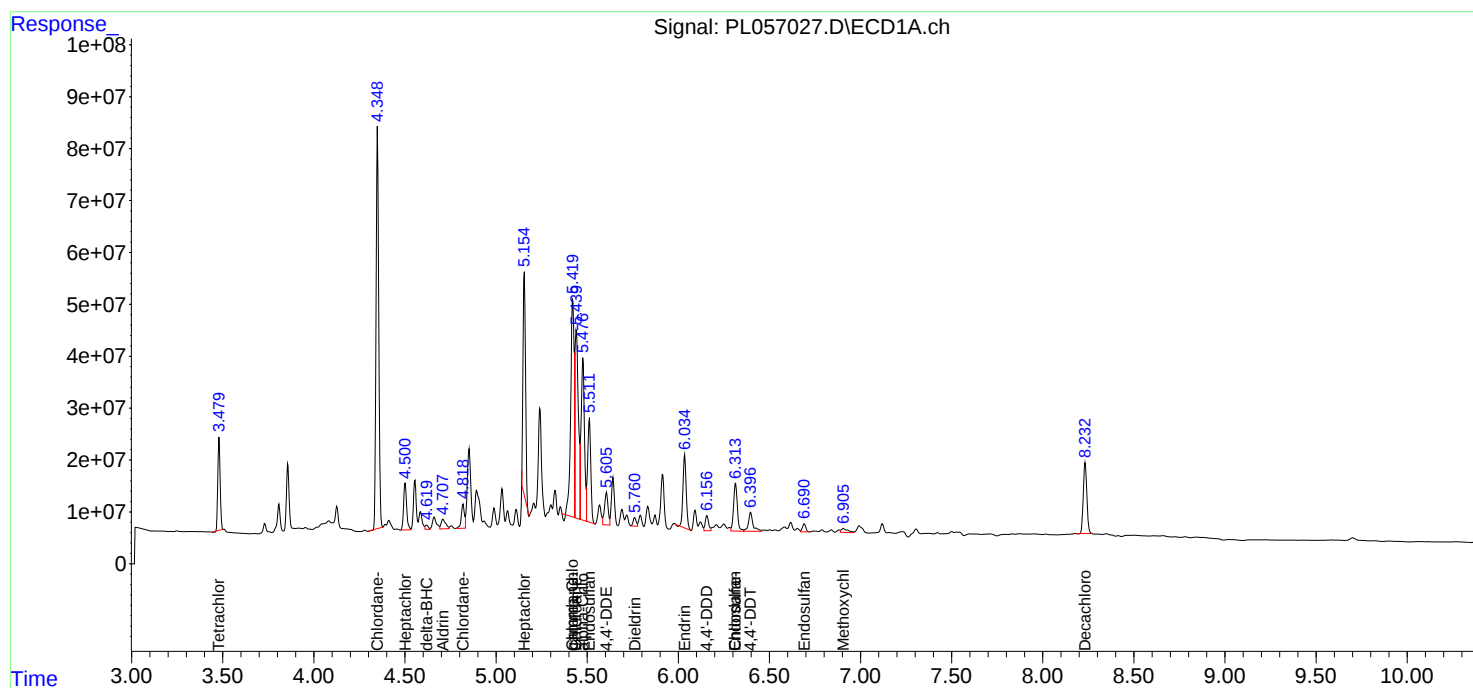
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

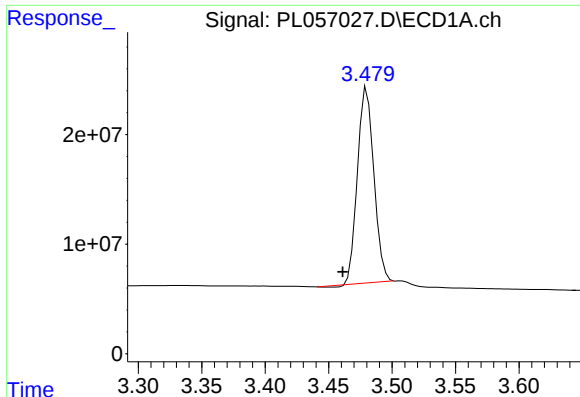
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030420\  
Data File : PL057027.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Mar 2020 13:02  
Operator : AJ\MA  
Sample : L1743-06  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 04 15:42:15 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 04 03:55:01 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

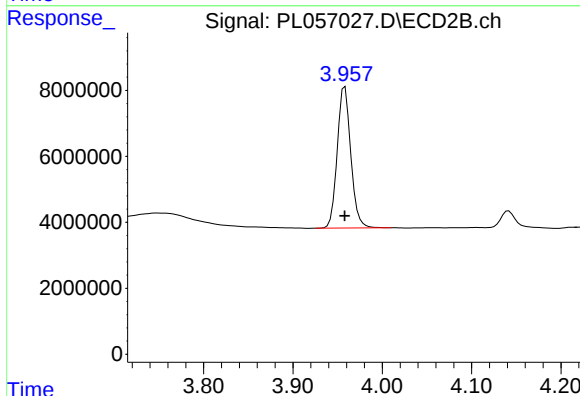




#1 Tetrachloro-m-xylene

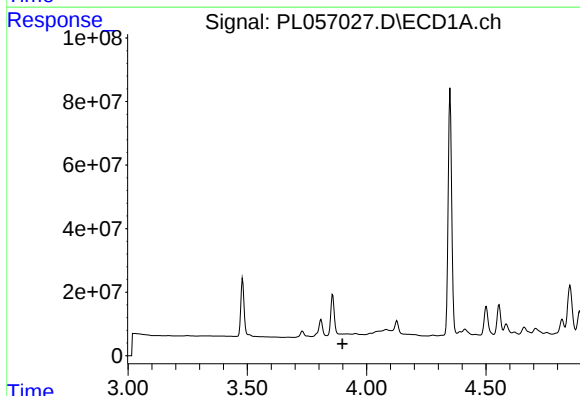
R.T.: 3.480 min  
Delta R.T.: 0.019 min  
Response: 160451176  
Conc: 18.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



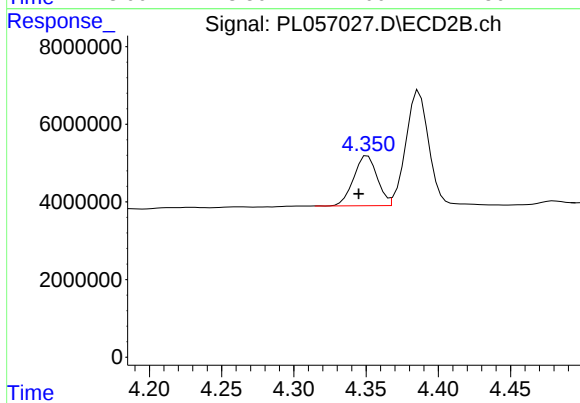
#1 Tetrachloro-m-xylene

R.T.: 3.958 min  
Delta R.T.: 0.000 min  
Response: 45127162  
Conc: 21.15 ng/ml



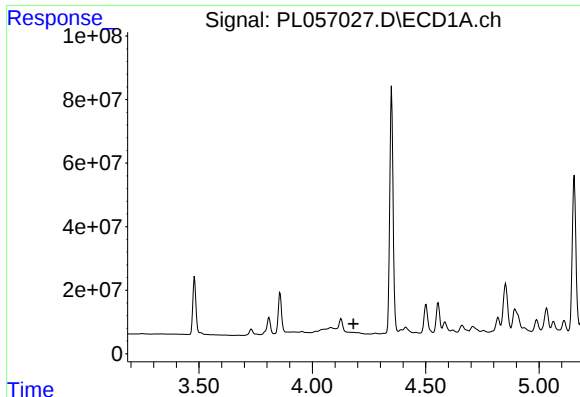
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.898 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

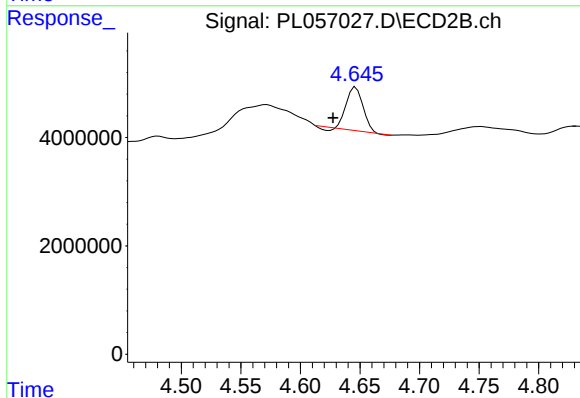
R.T.: 4.351 min  
Delta R.T.: 0.006 min  
Response: 14640071  
Conc: 4.63 ng/ml



#3 gamma-BHC (Lindane)

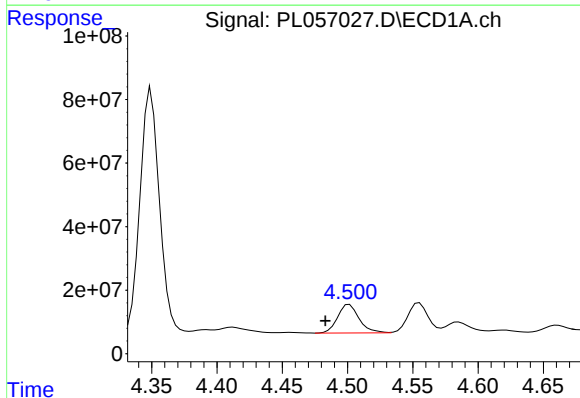
R.T.: 0.000 min  
Exp R.T.: 4.182 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



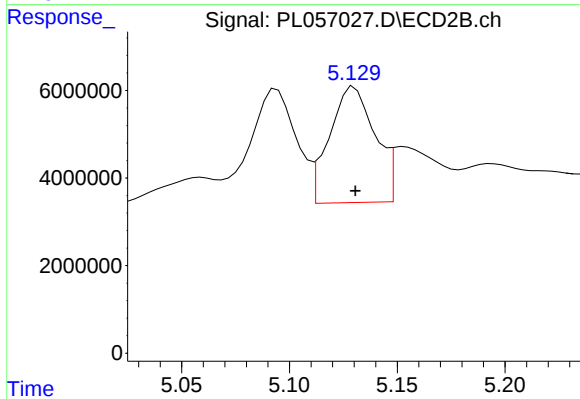
#3 gamma-BHC (Lindane)

R.T.: 4.646 min  
Delta R.T.: 0.019 min  
Response: 7746606  
Conc: 2.49 ng/ml



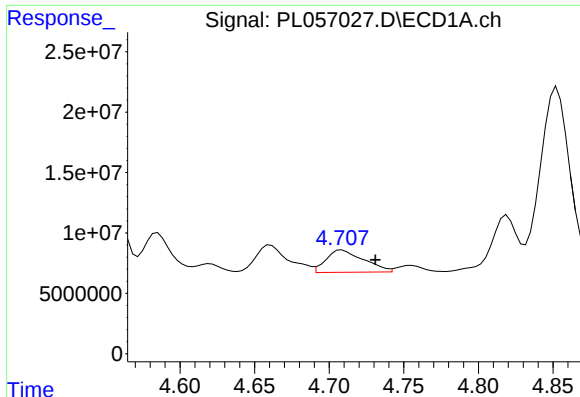
#4 Heptachlor

R.T.: 4.501 min  
Delta R.T.: 0.018 min  
Response: 103080800  
Conc: 7.59 ng/ml



#4 Heptachlor

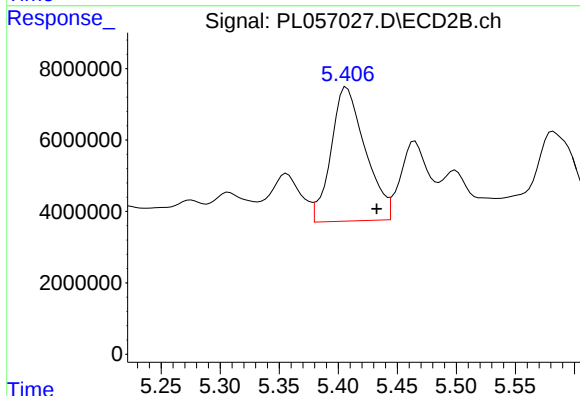
R.T.: 5.130 min  
Delta R.T.: 0.000 min  
Response: 38730481  
Conc: 12.44 ng/ml



#5 Aldrin

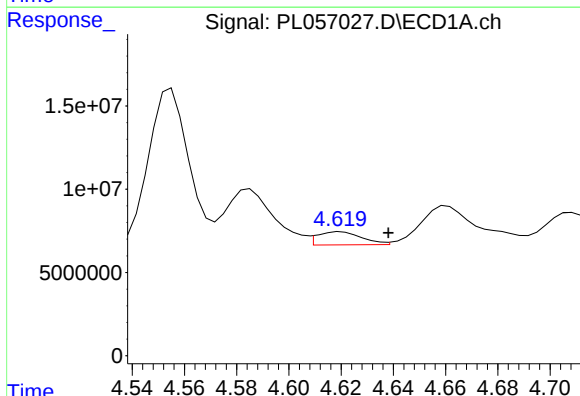
R.T.: 4.708 min  
Delta R.T.: -0.023 min  
Response: 32427096  
Conc: 2.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



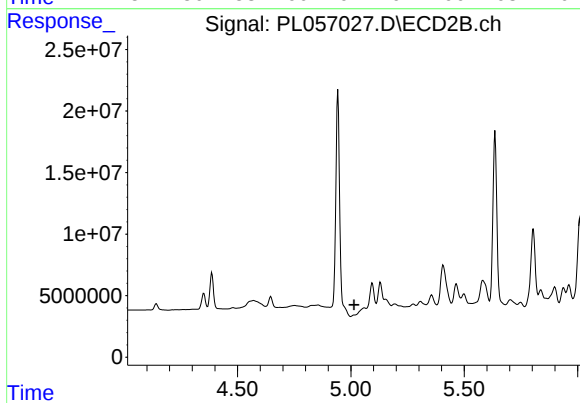
#5 Aldrin

R.T.: 5.407 min  
Delta R.T.: -0.025 min  
Response: 75589794  
Conc: 25.29 ng/ml



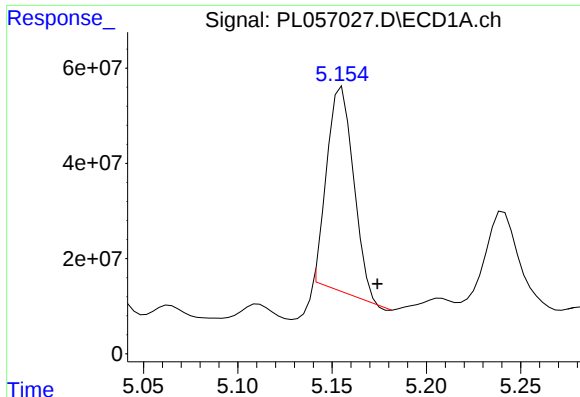
#7 delta-BHC

R.T.: 4.620 min  
Delta R.T.: -0.018 min  
Response: 9390378  
Conc: 0.72 ng/ml



#7 delta-BHC

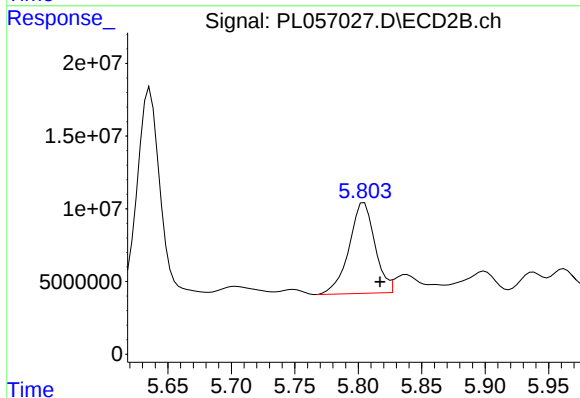
R.T.: 0.000 min  
Exp R.T.: 5.014 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

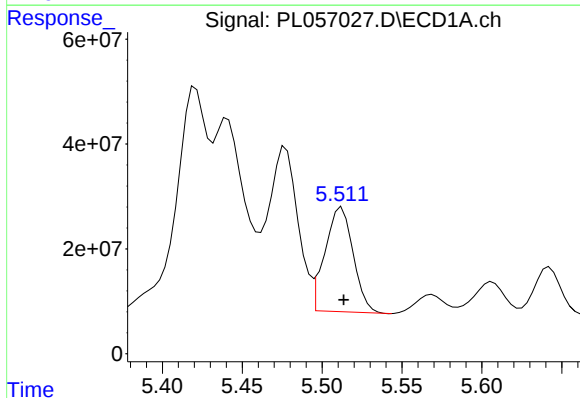
R.T.: 5.155 min  
Delta R.T.: -0.019 min  
Response: 422373559  
Conc: 34.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



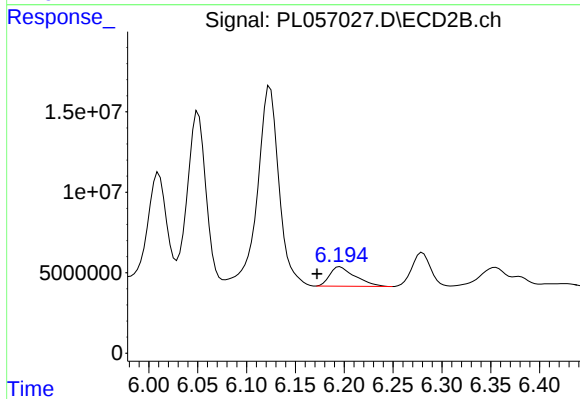
#8 Heptachlor epoxide

R.T.: 5.805 min  
Delta R.T.: -0.012 min  
Response: 88214158  
Conc: 31.83 ng/ml



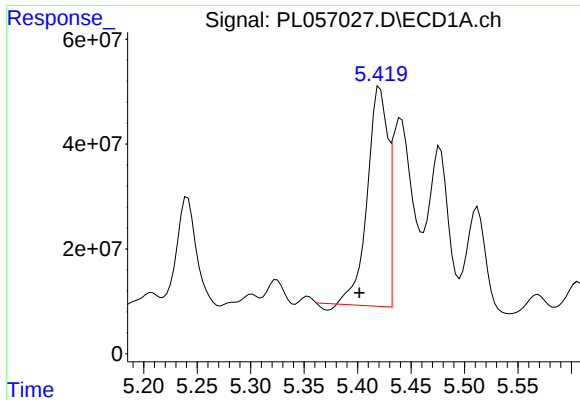
#9 Endosulfan I

R.T.: 5.512 min  
Delta R.T.: -0.001 min  
Response: 244516111  
Conc: 21.57 ng/ml



#9 Endosulfan I

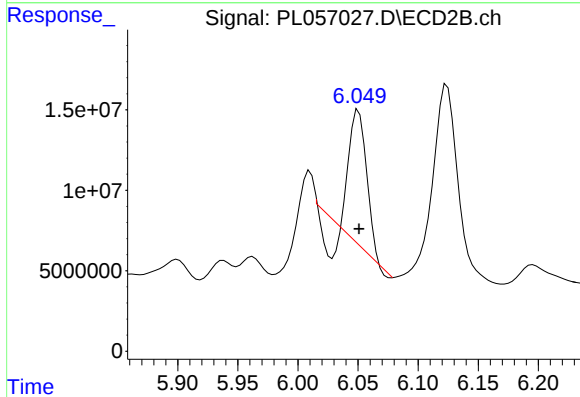
R.T.: 6.196 min  
Delta R.T.: 0.024 min  
Response: 21884643  
Conc: 7.83 ng/ml



#10 gamma-Chlordane

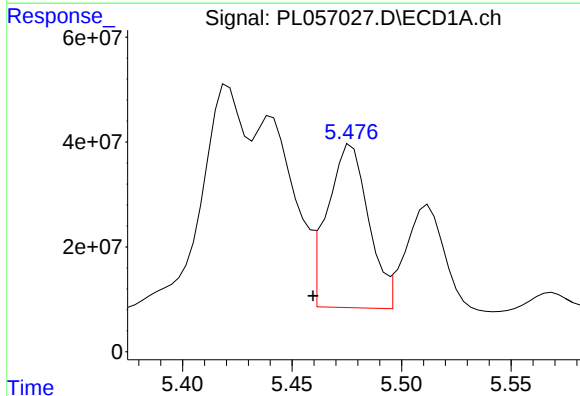
R.T.: 5.421 min  
Delta R.T.: 0.019 min  
Response: 551919966  
Conc: 44.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



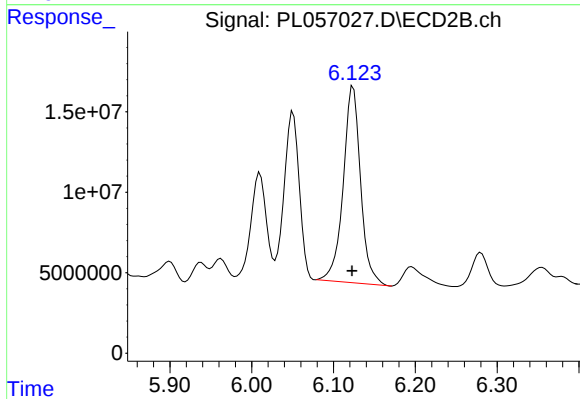
#10 gamma-Chlordane

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 76363928  
Conc: 25.51 ng/ml



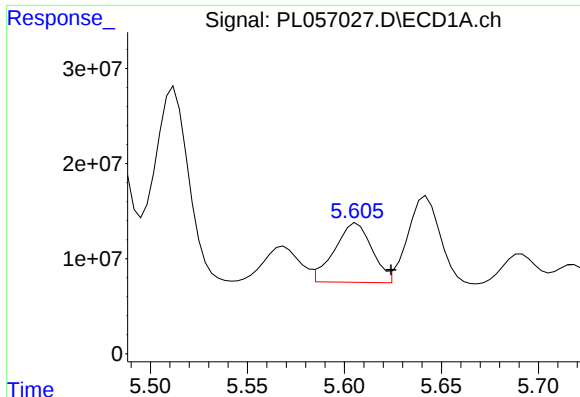
#11 alpha-Chlordane

R.T.: 5.477 min  
Delta R.T.: 0.018 min  
Response: 406698084  
Conc: 33.10 ng/ml



#11 alpha-Chlordane

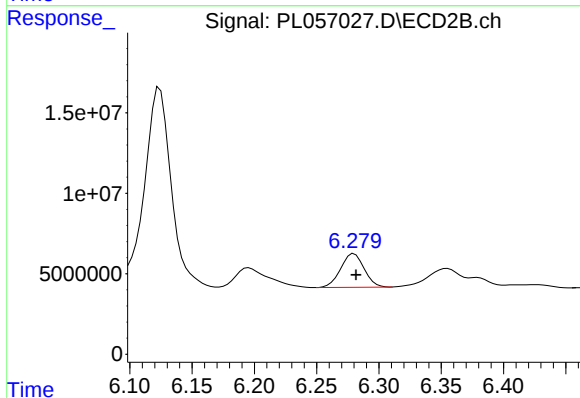
R.T.: 6.124 min  
Delta R.T.: 0.001 min  
Response: 179603860  
Conc: 59.58 ng/ml



#12 4,4'-DDE

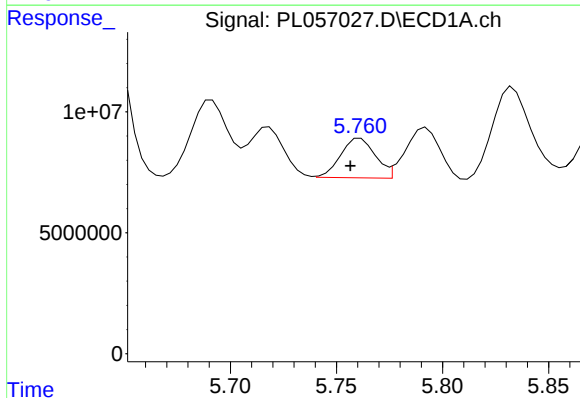
R.T.: 5.606 min  
Delta R.T.: -0.018 min  
Response: 83870552  
Conc: 7.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



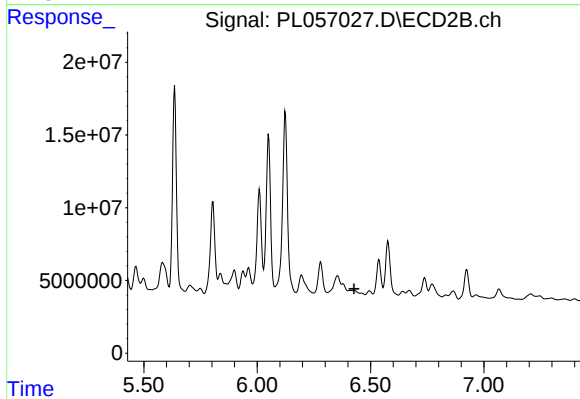
#12 4,4'-DDE

R.T.: 6.280 min  
Delta R.T.: -0.002 min  
Response: 27516436  
Conc: 9.70 ng/ml



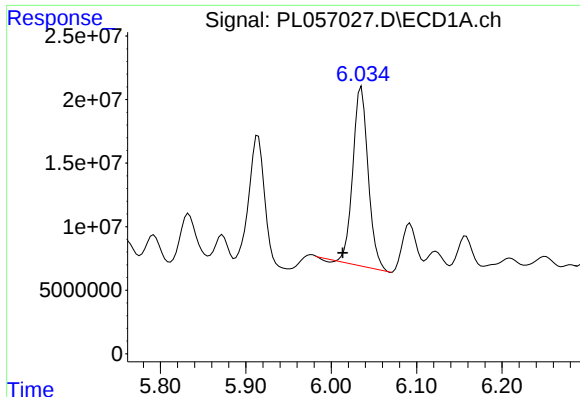
#13 Dieldrin

R.T.: 5.761 min  
Delta R.T.: 0.005 min  
Response: 18538317  
Conc: 1.52 ng/ml



#13 Dieldrin

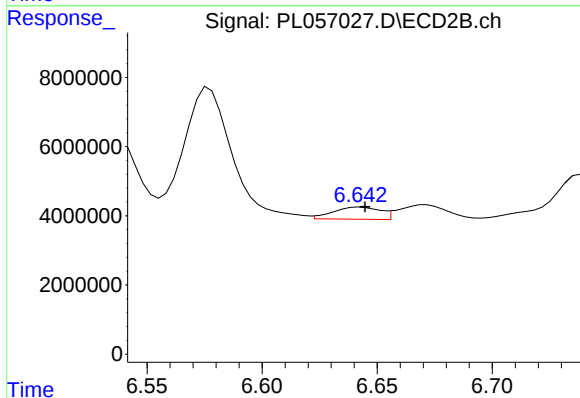
R.T.: 0.000 min  
Exp R.T.: 6.428 min  
Response: 0  
Conc: N.D.



#14 Endrin

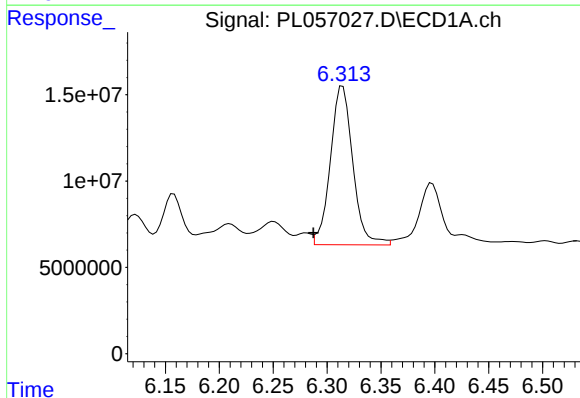
R.T.: 6.035 min  
Delta R.T.: 0.022 min  
Response: 175551608  
Conc: 16.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



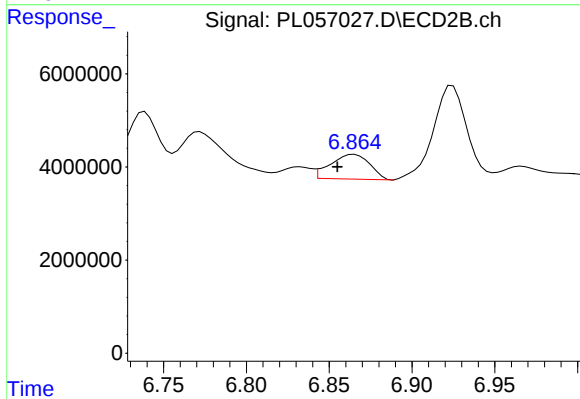
#14 Endrin

R.T.: 6.643 min  
Delta R.T.: -0.002 min  
Response: 4973409  
Conc: 1.93 ng/ml



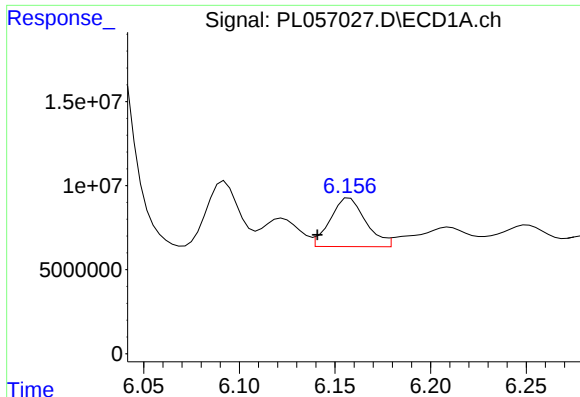
#15 Endosulfan II

R.T.: 6.315 min  
Delta R.T.: 0.027 min  
Response: 133018774  
Conc: 12.32 ng/ml



#15 Endosulfan II

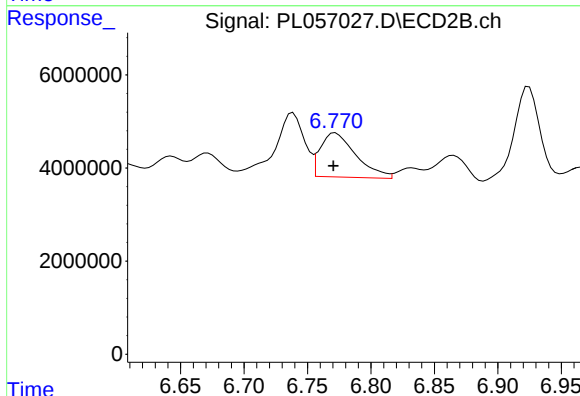
R.T.: 6.865 min  
Delta R.T.: 0.010 min  
Response: 8723341  
Conc: 3.11 ng/ml



#16 4,4'-DDD

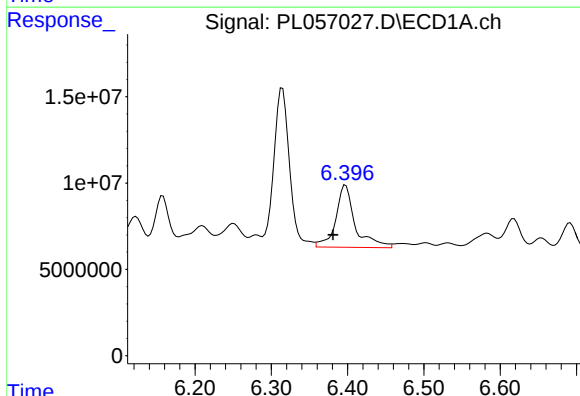
R.T.: 6.158 min  
Delta R.T.: 0.017 min  
Response: 37373505  
Conc: 3.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



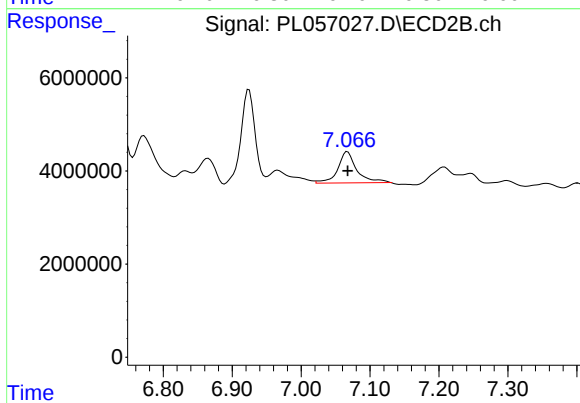
#16 4,4'-DDD

R.T.: 6.772 min  
Delta R.T.: 0.001 min  
Response: 18502255  
Conc: 7.60 ng/ml



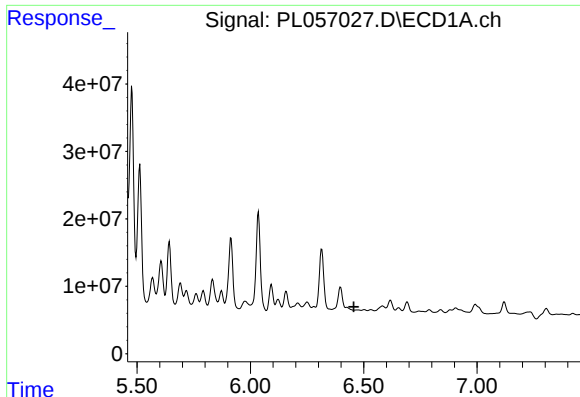
#17 4,4'-DDT

R.T.: 6.397 min  
Delta R.T.: 0.017 min  
Response: 63557969  
Conc: 6.50 ng/ml



#17 4,4'-DDT

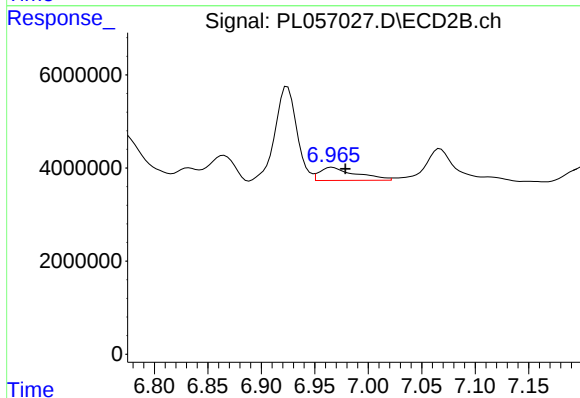
R.T.: 7.067 min  
Delta R.T.: 0.000 min  
Response: 12353239  
Conc: 5.02 ng/ml



#18 Endrin aldehyde

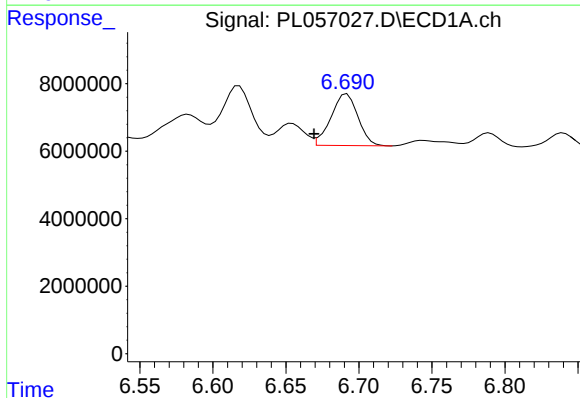
R.T.: 0.000 min  
Exp R.T.: 6.456 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



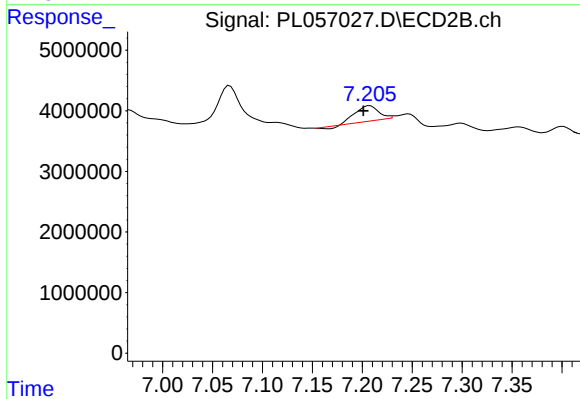
#18 Endrin aldehyde

R.T.: 6.966 min  
Delta R.T.: -0.012 min  
Response: 6653910  
Conc: 2.87 ng/ml



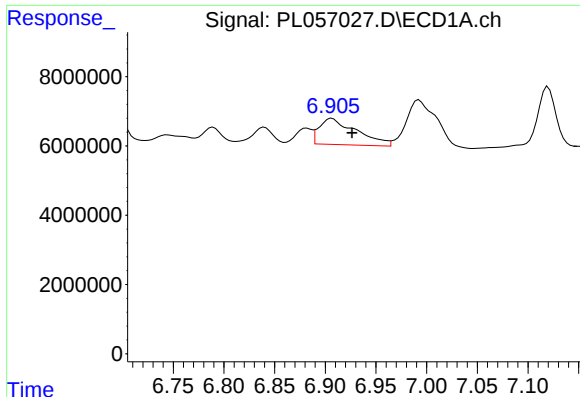
#19 Endosulfan Sulfate

R.T.: 6.692 min  
Delta R.T.: 0.023 min  
Response: 19641475  
Conc: 1.97 ng/ml



#19 Endosulfan Sulfate

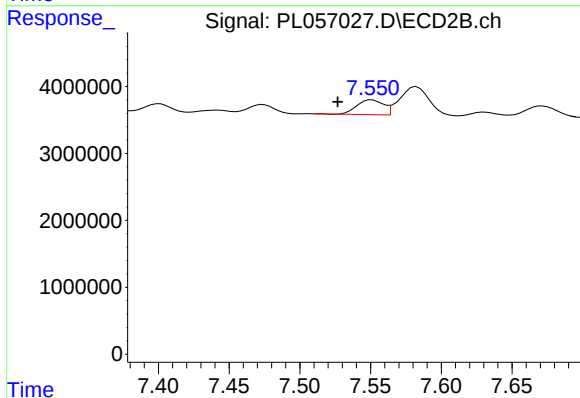
R.T.: 7.208 min  
Delta R.T.: 0.007 min  
Response: 3884795  
Conc: 1.55 ng/ml



#20 Methoxychlor

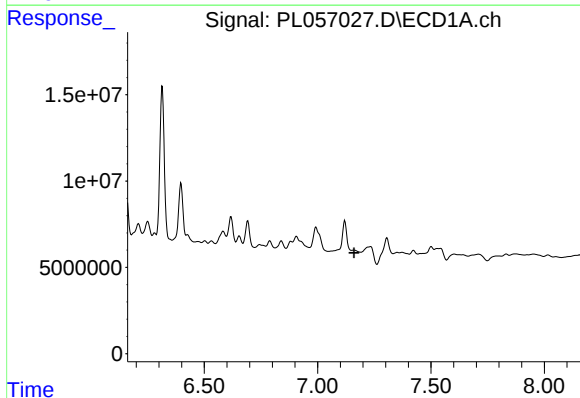
R.T.: 6.907 min  
Delta R.T.: -0.020 min  
Response: 19370070  
Conc: 3.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



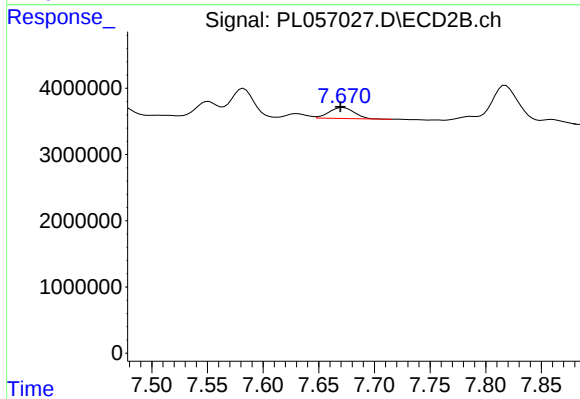
#20 Methoxychlor

R.T.: 7.551 min  
Delta R.T.: 0.024 min  
Response: 2875065  
Conc: 2.30 ng/ml



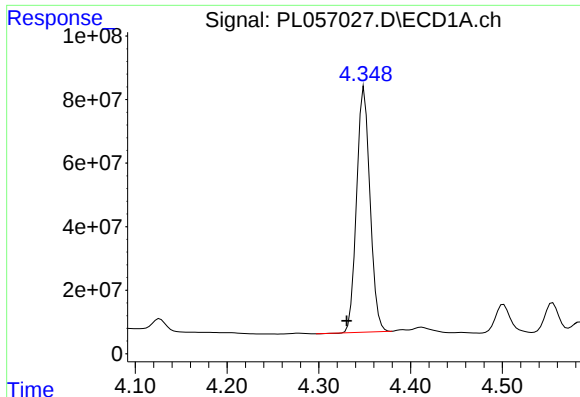
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.160 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

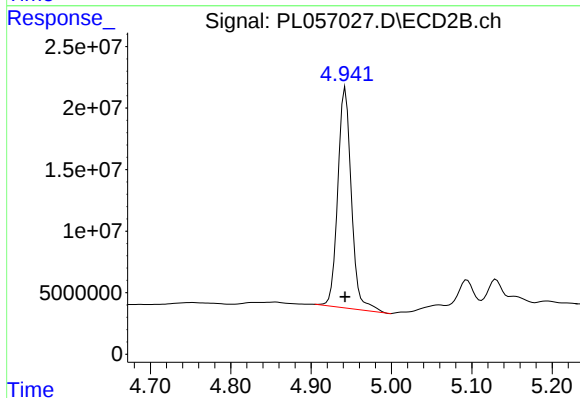
R.T.: 7.672 min  
Delta R.T.: 0.002 min  
Response: 2590663  
Conc: 0.95 ng/ml



#23 Chlordane-1

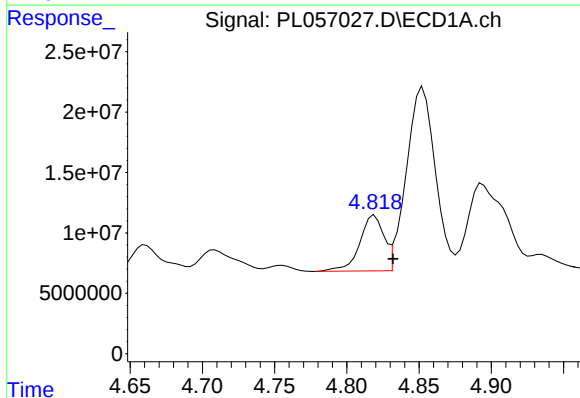
R.T.: 4.350 min  
Delta R.T.: 0.019 min  
Response: 784975823  
Conc: 2582.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



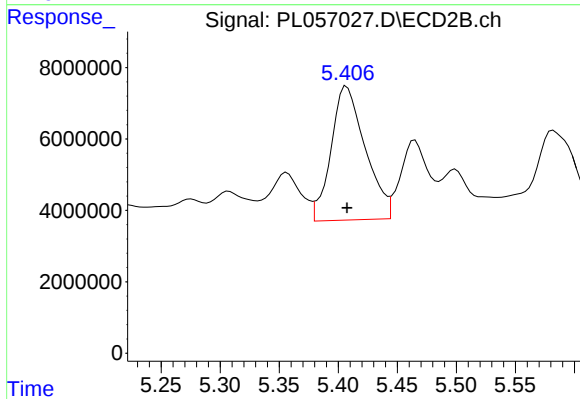
#23 Chlordane-1

R.T.: 4.943 min  
Delta R.T.: 0.000 min  
Response: 211244687  
Conc: 2633.75 ng/ml



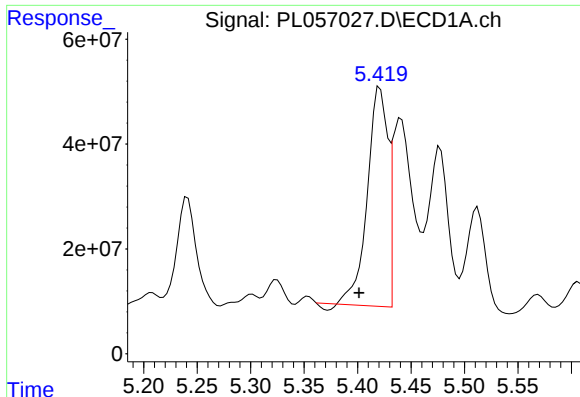
#24 Chlordane-2

R.T.: 4.819 min  
Delta R.T.: -0.013 min  
Response: 53820328  
Conc: 152.61 ng/ml



#24 Chlordane-2

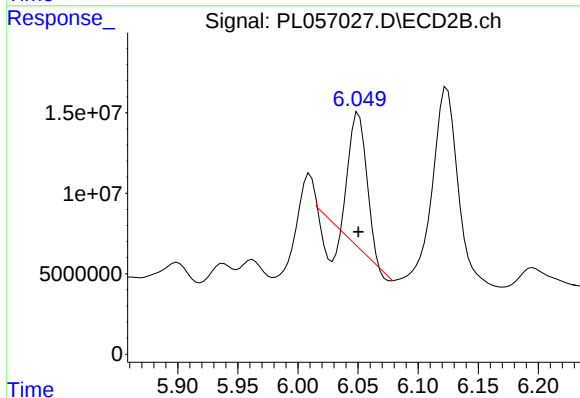
R.T.: 5.407 min  
Delta R.T.: 0.000 min  
Response: 75589794  
Conc: 791.90 ng/ml



#25 Chlordane-3

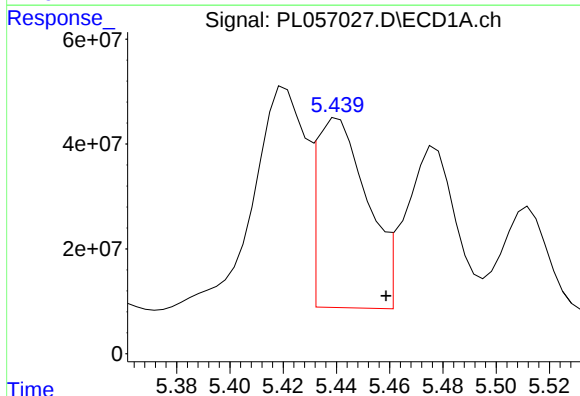
R.T.: 5.421 min  
Delta R.T.: 0.019 min  
Response: 551919966  
Conc: 511.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



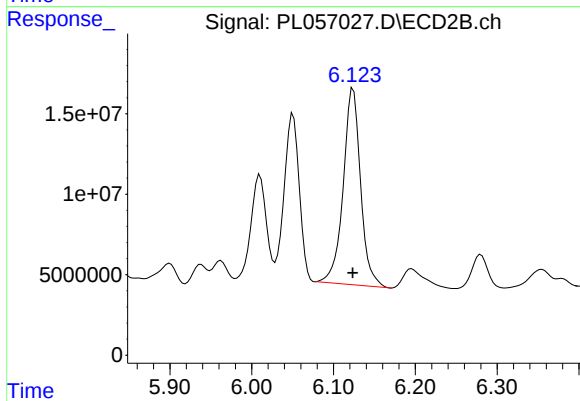
#25 Chlordane-3

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 76363928  
Conc: 201.49 ng/ml



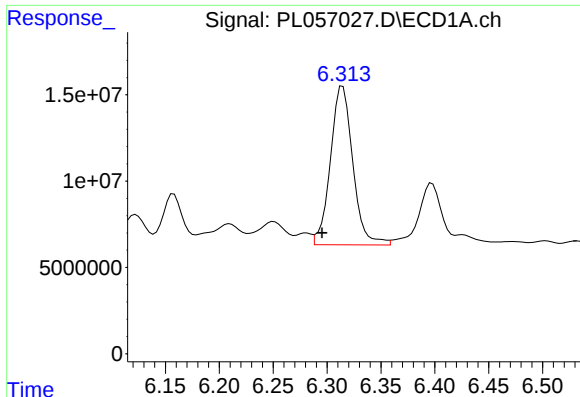
#26 Chlordane-4

R.T.: 5.441 min  
Delta R.T.: -0.018 min  
Response: 473497281  
Conc: 515.23 ng/ml



#26 Chlordane-4

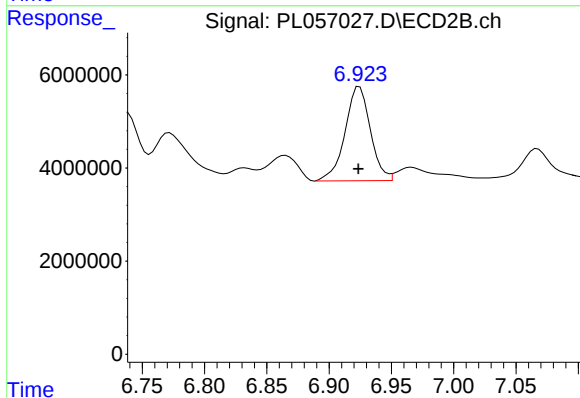
R.T.: 6.124 min  
Delta R.T.: 0.000 min  
Response: 179603860  
Conc: 391.69 ng/ml



#27 Chlordane-5

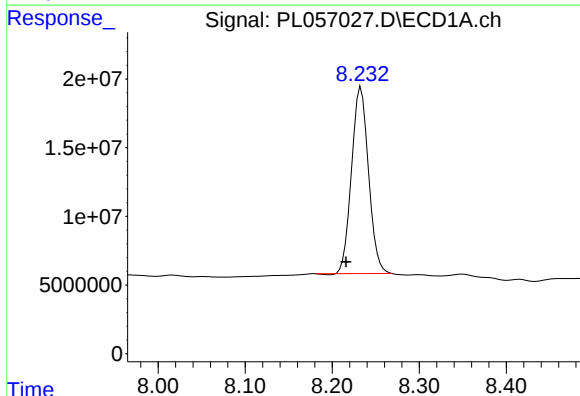
R.T.: 6.315 min  
Delta R.T.: 0.019 min  
Response: 133018774  
Conc: 366.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



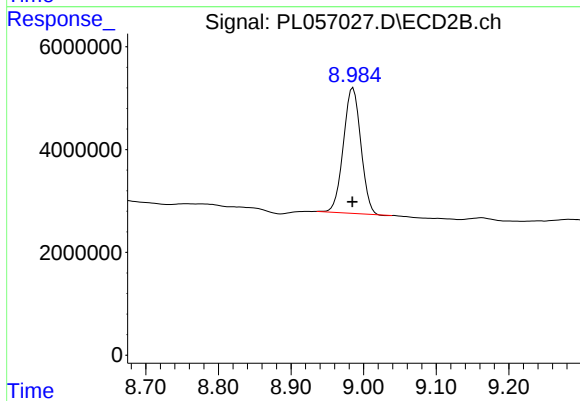
#27 Chlordane-5

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 28728092  
Conc: 344.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.233 min  
Delta R.T.: 0.017 min  
Response: 184079027  
Conc: 19.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.985 min  
Delta R.T.: 0.001 min  
Response: 40687088  
Conc: 19.15 ng/ml