

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100119\  
 Data File : PL052974.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Oct 2019 21:26  
 Operator : SG\AJ  
 Sample : K5060-01MSD  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 02 03:50:43 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 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... | 3.549 | 4.047  | 197.0E6 | 57051606 | 19.810   | 21.247     |
| 28)                         | SA Decachlor... | 8.344 | 9.126  | 149.2E6 | 50622877 | 14.896   | 17.256     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.993 | 4.438  | 837.6E6 | 220.7E6  | 52.509   | 57.482     |
| 3)                          | MA gamma-BHC... | 4.280 | 4.724  | 774.9E6 | 204.2E6  | 53.204   | 56.389     |
| 4)                          | MA Heptachlor   | 4.589 | 5.234  | 793.6E6 | 209.4E6  | 53.115   | 54.939     |
| 5)                          | MB Aldrin       | 4.841 | 5.540  | 749.2E6 | 195.3E6  | 54.464   | 56.340     |
| 6)                          | B beta-BHC      | 4.530 | 4.892  | 324.9E6 | 91298792 | 52.325   | 58.085     |
| 7)                          | B delta-BHC     | 4.739 | 5.110  | 708.9E6 | 178.8E6  | 49.472   | 49.387     |
| 8)                          | B Heptachlo...  | 5.288 | 5.926  | 666.3E6 | 187.5E6  | 51.132   | 55.932     |
| 9)                          | A Endosulfan I  | 5.631 | 6.283  | 612.4E6 | 166.9E6  | 50.463   | 53.391     |
| 10)                         | B gamma-Chl...  | 5.517 | 6.159  | 740.5E6 | 195.3E6  | 55.063   | 57.735     |
| 11)                         | B alpha-Chl...  | 5.576 | 6.232  | 694.8E6 | 194.7E6  | 52.681   | 57.846     |
| 12)                         | B 4,4'-DDE      | 5.740 | 6.388  | 623.4E6 | 177.9E6  | 53.715   | 54.461     |
| 13)                         | MA Dieldrin     | 5.876 | 6.540  | 672.5E6 | 173.1E6  | 52.103   | 53.079     |
| 14)                         | MA Endrin       | 6.135 | 6.758  | 574.4E6 | 146.7E6  | 50.426   | 52.821     |
| 15)                         | B Endosulfa...  | 6.407 | 6.965  | 523.1E6 | 145.4E6  | 45.651   | 48.999     |
| 16)                         | A 4,4'-DDD      | 6.258 | 6.877  | 467.0E6 | 137.4E6  | 51.953   | 56.043     |
| 17)                         | MA 4,4'-DDT     | 6.501 | 7.176  | 496.9E6 | 131.5E6  | 48.653   | 50.510     |
| 18)                         | B Endrin al...  | 6.576 | 7.089  | 440.9E6 | 115.1E6  | 46.947   | 46.940     |
| 19)                         | B Endosulfa...  | 6.790 | 7.312  | 483.3E6 | 140.9E6  | 46.427   | 51.587     |
| 20)                         | A Methoxychlor  | 7.047 | 7.633  | 245.2E6 | 70332128 | 47.535   | 49.954     |
| 21)                         | B Endrin ke...  | 7.284 | 7.783  | 534.4E6 | 150.0E6  | 45.848   | 52.588     |
| 22)                         | Mirex           | 7.479 | 8.239  | 372.8E6 | 114.7E6  | 39.477   | 50.981 #   |
| 23)                         | Chlordane-1     | 0.000 | 5.042  | 0       | 1320918  | N.D.     | 13.023 #   |
| 24)                         | Chlordane-2     | 0.000 | 5.540f | 0       | 195.3E6  | N.D.     | 1744.549 # |
| 25)                         | Chlordane-3     | 5.517 | 6.159  | 740.5E6 | 195.3E6  | 639.067  | 448.491 #  |
| 26)                         | Chlordane-4     | 5.576 | 6.232  | 694.8E6 | 194.7E6  | 728.015  | 366.682 #  |
| 27)                         | Chlordane-5     | 6.407 | 0.000  | 523.1E6 | 0        | 1326.316 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

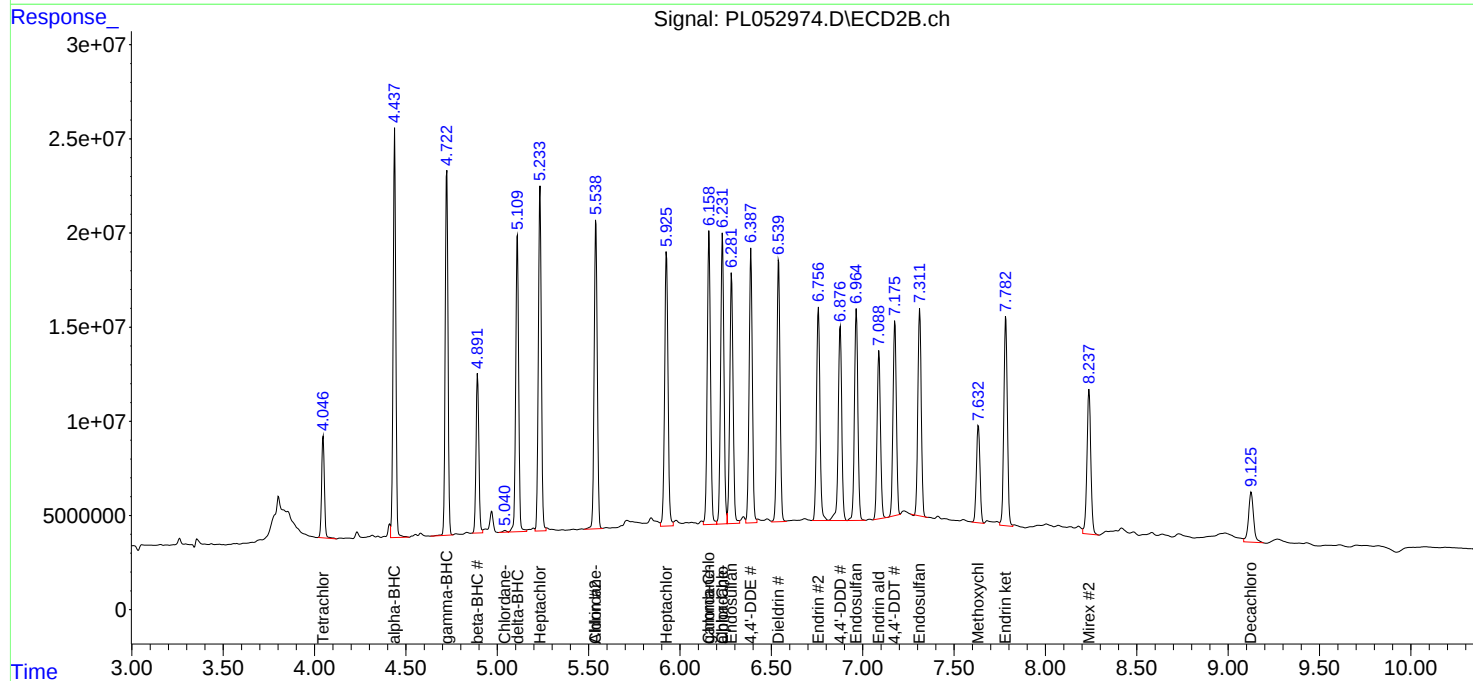
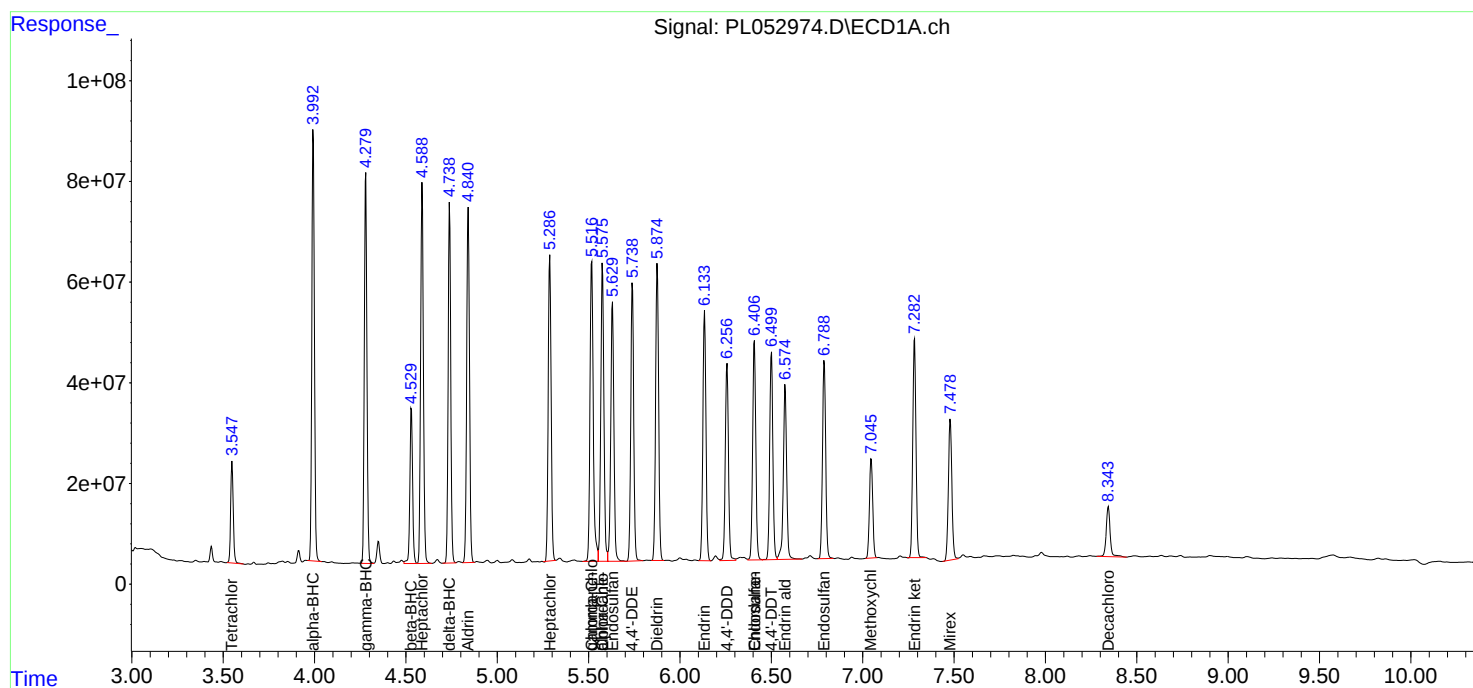
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

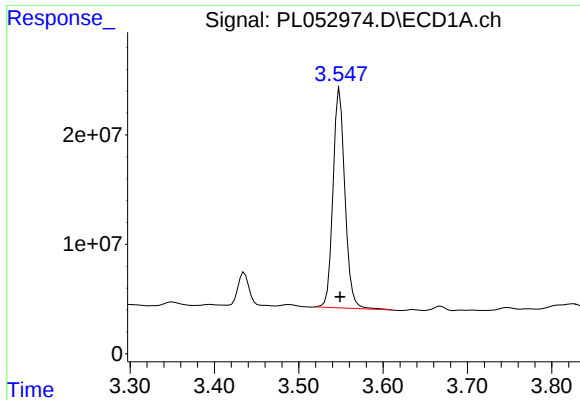
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100119\  
 Data File : PL052974.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Oct 2019 21:26  
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 ALS Vial : 36 Sample Multiplier: 1

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 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 02 03:50:43 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
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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

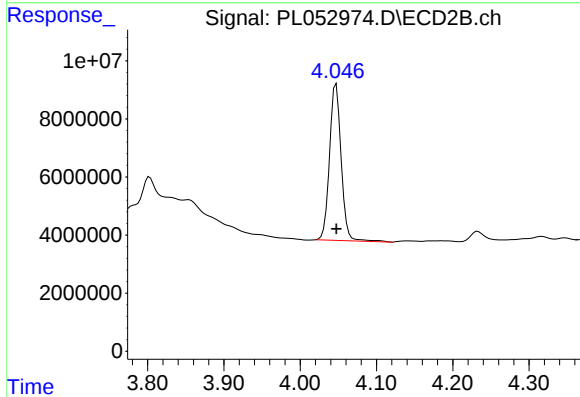




#1 Tetrachloro-m-xylene

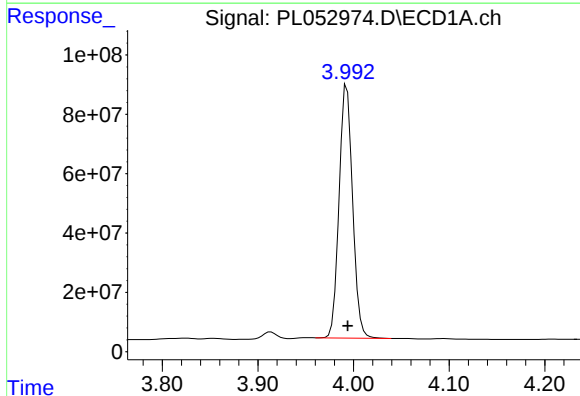
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 197040600  
Conc: 19.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



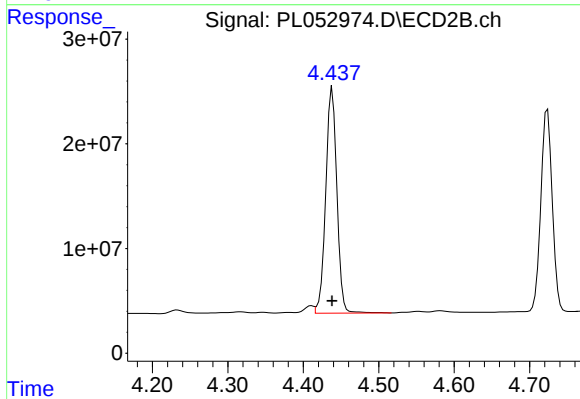
#1 Tetrachloro-m-xylene

R.T.: 4.047 min  
Delta R.T.: 0.000 min  
Response: 57051606  
Conc: 21.25 ng/ml



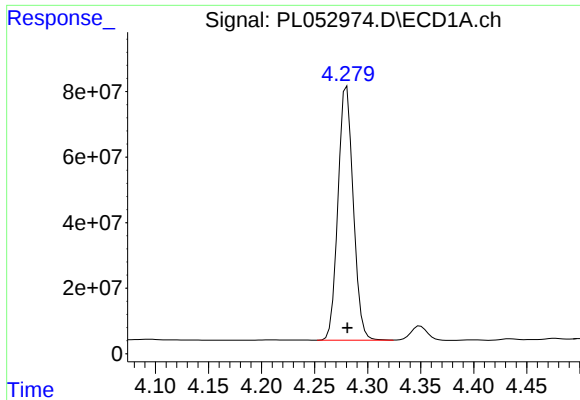
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: 0.000 min  
Response: 837552712  
Conc: 52.51 ng/ml



#2 alpha-BHC

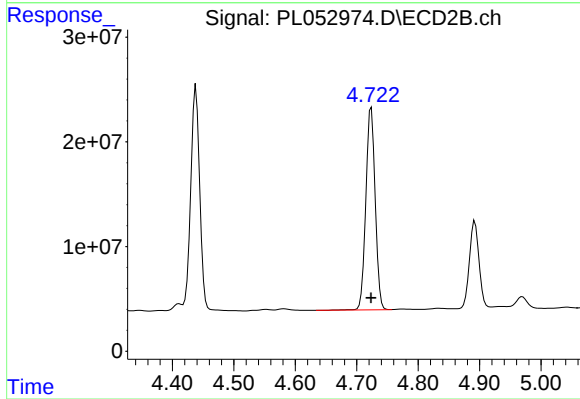
R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 220732568  
Conc: 57.48 ng/ml



#3 gamma-BHC (Lindane)

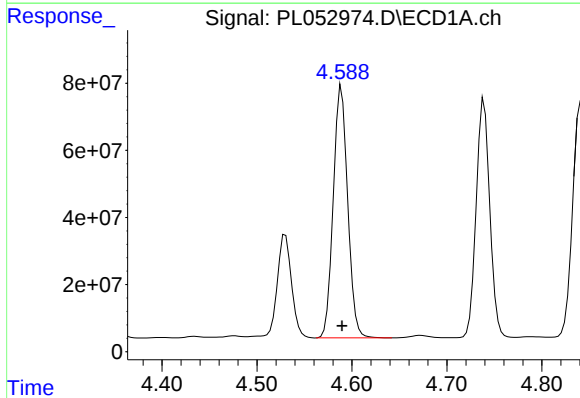
R.T.: 4.280 min  
Delta R.T.: 0.000 min  
Response: 774888930  
Conc: 53.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



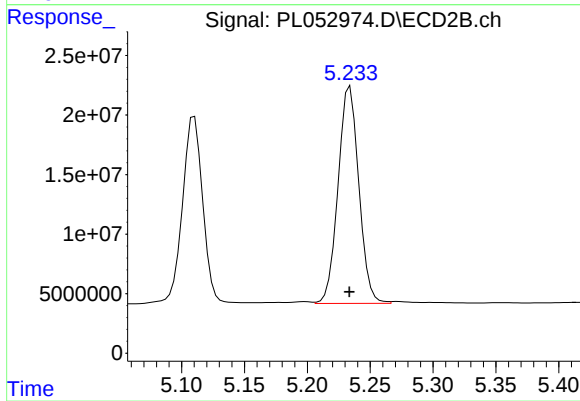
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 204195351  
Conc: 56.39 ng/ml



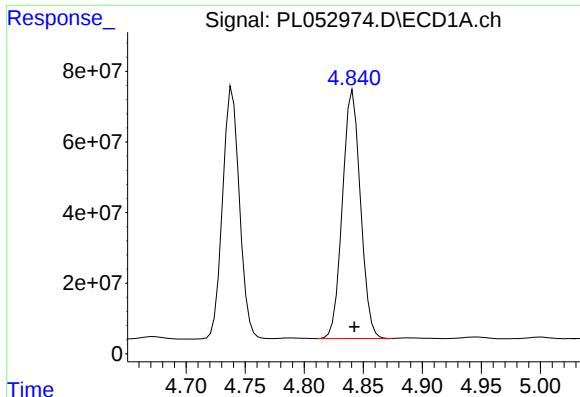
#4 Heptachlor

R.T.: 4.589 min  
Delta R.T.: 0.000 min  
Response: 793639721  
Conc: 53.11 ng/ml



#4 Heptachlor

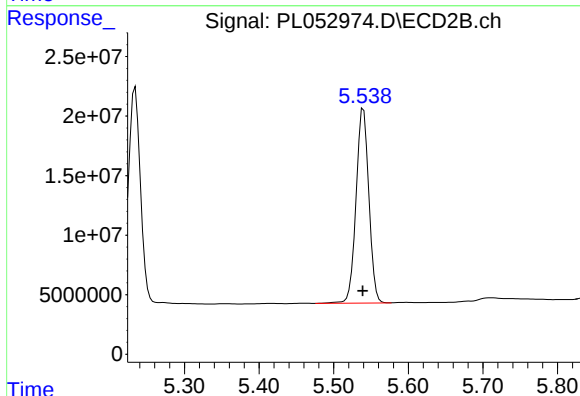
R.T.: 5.234 min  
Delta R.T.: 0.000 min  
Response: 209357476  
Conc: 54.94 ng/ml



#5 Aldrin

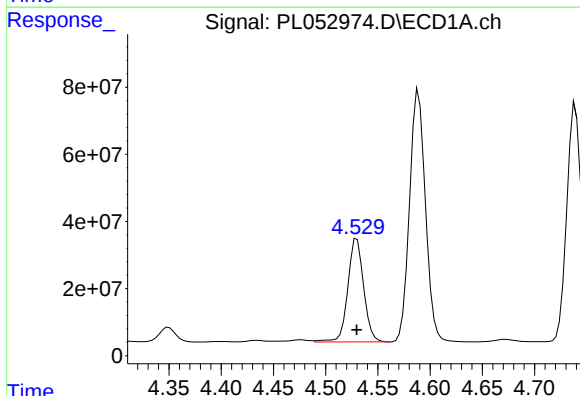
R.T.: 4.841 min  
Delta R.T.: -0.001 min  
Response: 749162263  
Conc: 54.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



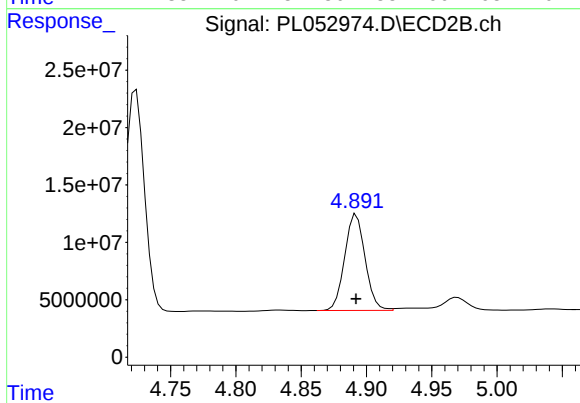
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: 0.001 min  
Response: 195253983  
Conc: 56.34 ng/ml



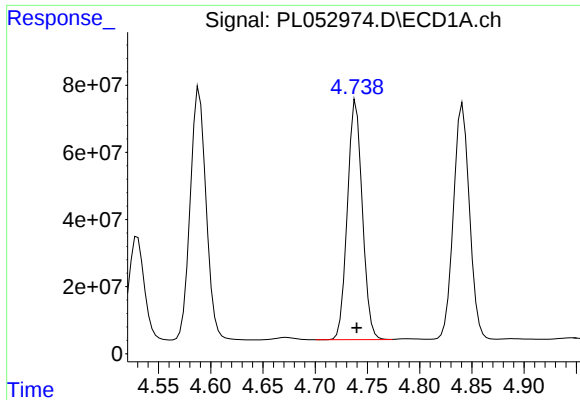
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 324861199  
Conc: 52.32 ng/ml



#6 beta-BHC

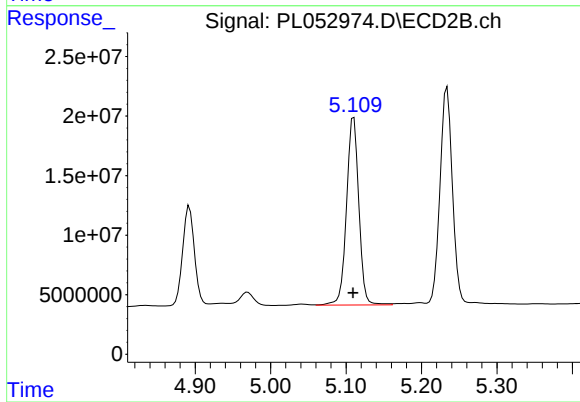
R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 91298792  
Conc: 58.09 ng/ml



#7 delta-BHC

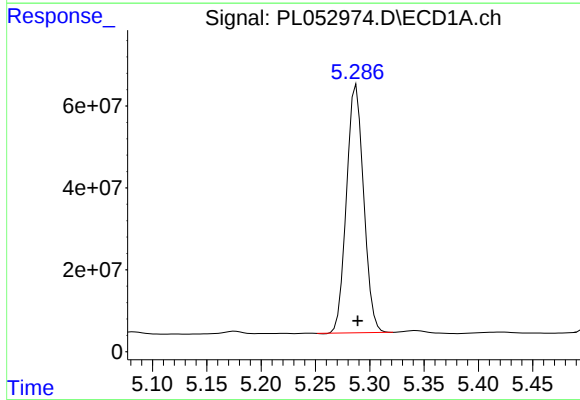
R.T.: 4.739 min  
Delta R.T.: 0.000 min  
Response: 708895504  
Conc: 49.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



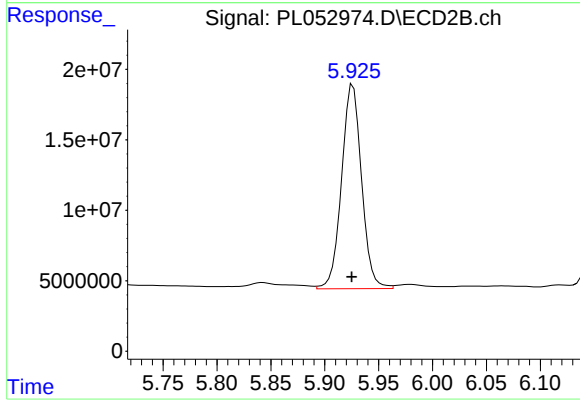
#7 delta-BHC

R.T.: 5.110 min  
Delta R.T.: 0.001 min  
Response: 178773348  
Conc: 49.39 ng/ml



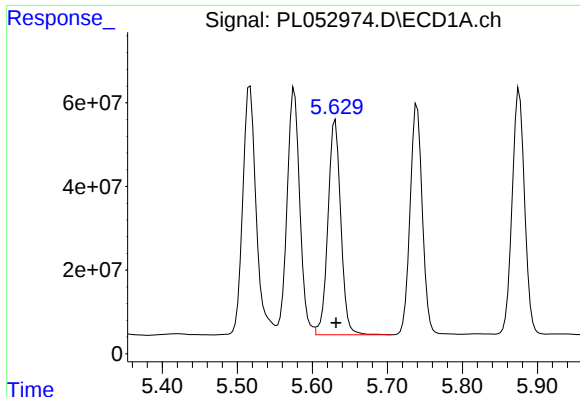
#8 Heptachlor epoxide

R.T.: 5.288 min  
Delta R.T.: -0.001 min  
Response: 666305553  
Conc: 51.13 ng/ml



#8 Heptachlor epoxide

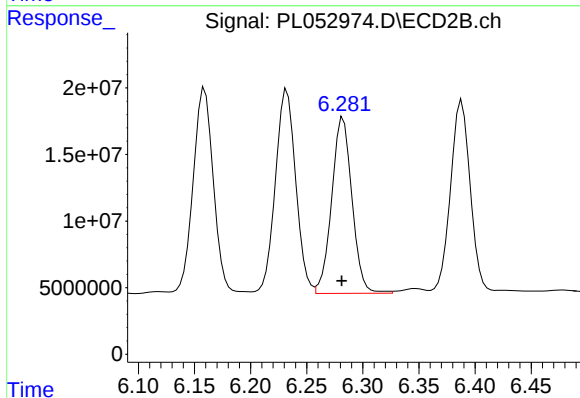
R.T.: 5.926 min  
Delta R.T.: 0.001 min  
Response: 187456156  
Conc: 55.93 ng/ml



#9 Endosulfan I

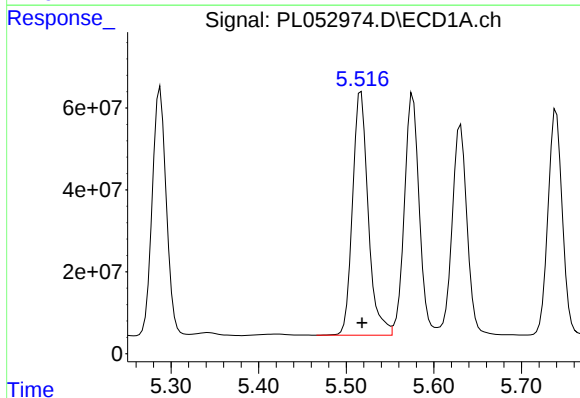
R.T.: 5.631 min  
Delta R.T.: -0.001 min  
Response: 612408818  
Conc: 50.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



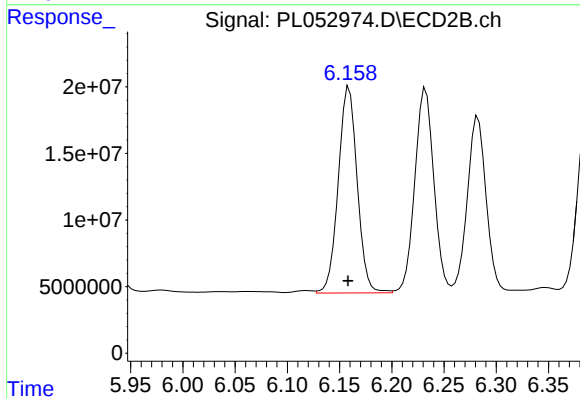
#9 Endosulfan I

R.T.: 6.283 min  
Delta R.T.: 0.001 min  
Response: 166884690  
Conc: 53.39 ng/ml



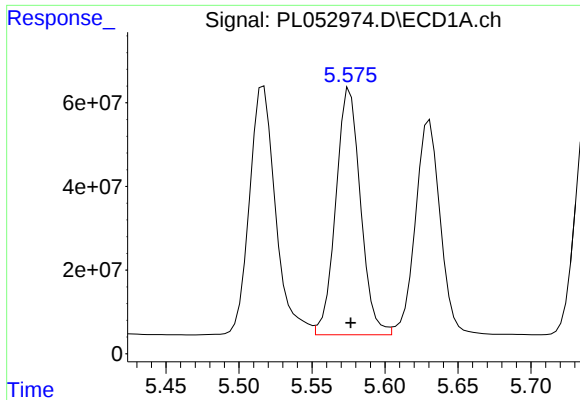
#10 gamma-Chlordane

R.T.: 5.517 min  
Delta R.T.: -0.001 min  
Response: 740486395  
Conc: 55.06 ng/ml



#10 gamma-Chlordane

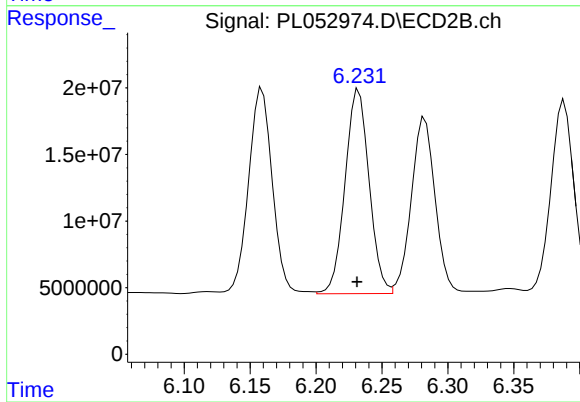
R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 195322112  
Conc: 57.73 ng/ml



#11 alpha-Chlordane

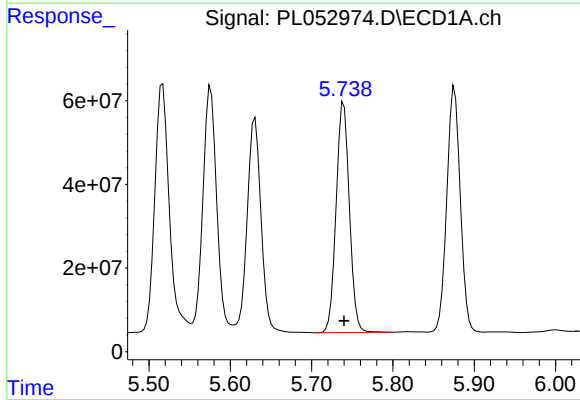
R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 694825645  
Conc: 52.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



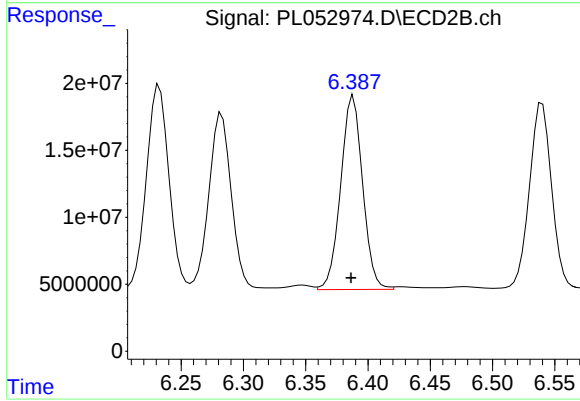
#11 alpha-Chlordane

R.T.: 6.232 min  
Delta R.T.: 0.001 min  
Response: 194707199  
Conc: 57.85 ng/ml



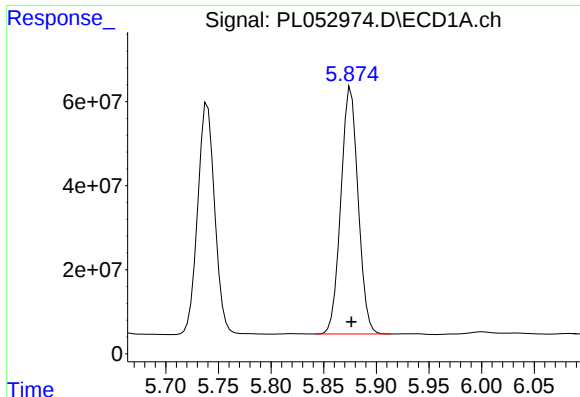
#12 4,4'-DDE

R.T.: 5.740 min  
Delta R.T.: 0.000 min  
Response: 623441027  
Conc: 53.72 ng/ml



#12 4,4'-DDE

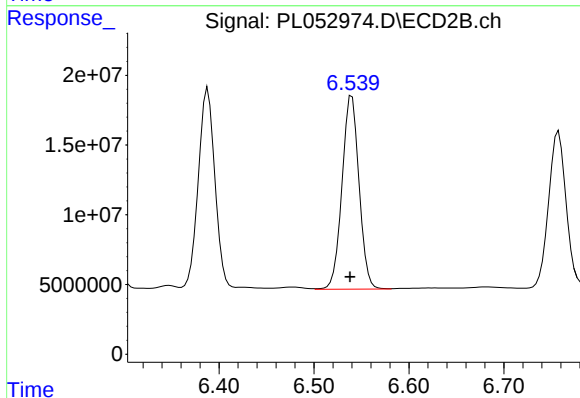
R.T.: 6.388 min  
Delta R.T.: 0.002 min  
Response: 177878633  
Conc: 54.46 ng/ml



#13 Dieldrin

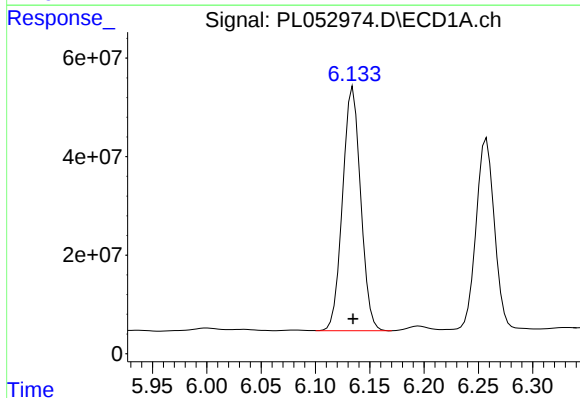
R.T.: 5.876 min  
Delta R.T.: 0.000 min  
Response: 672548247  
Conc: 52.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



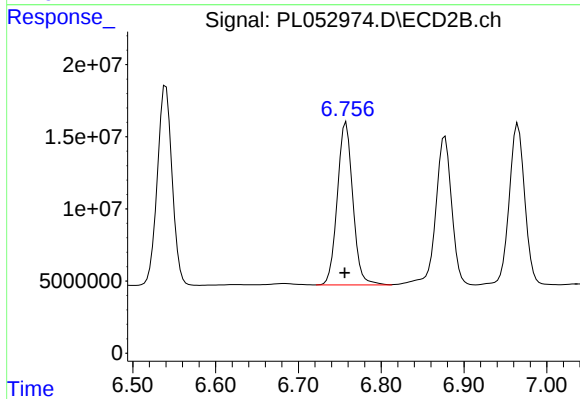
#13 Dieldrin

R.T.: 6.540 min  
Delta R.T.: 0.002 min  
Response: 173142597  
Conc: 53.08 ng/ml



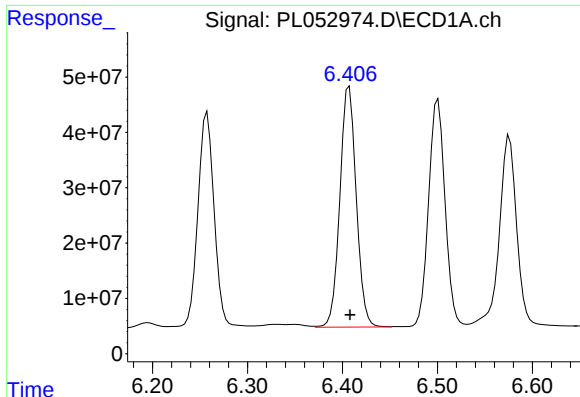
#14 Endrin

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 574388236  
Conc: 50.43 ng/ml



#14 Endrin

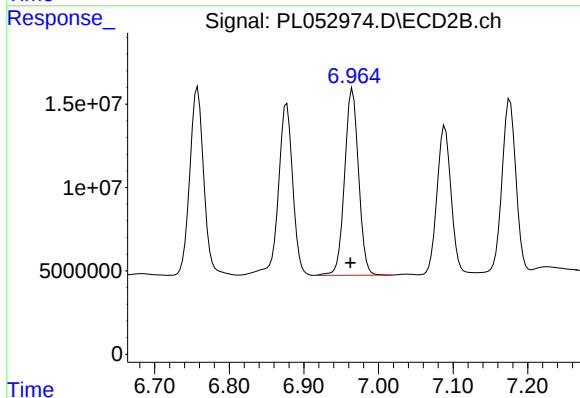
R.T.: 6.758 min  
Delta R.T.: 0.002 min  
Response: 146678115  
Conc: 52.82 ng/ml



#15 Endosulfan II

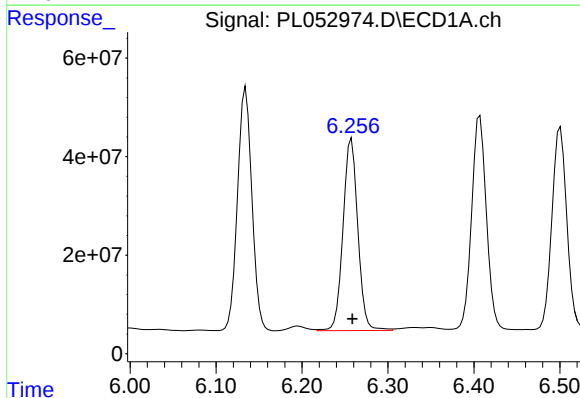
R.T.: 6.407 min  
Delta R.T.: -0.001 min  
Response: 523144377  
Conc: 45.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



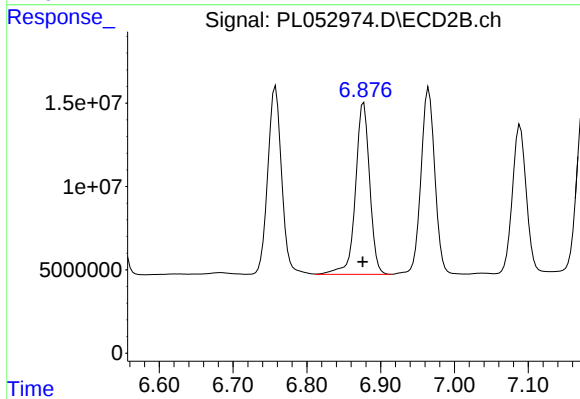
#15 Endosulfan II

R.T.: 6.965 min  
Delta R.T.: 0.003 min  
Response: 145379492  
Conc: 49.00 ng/ml



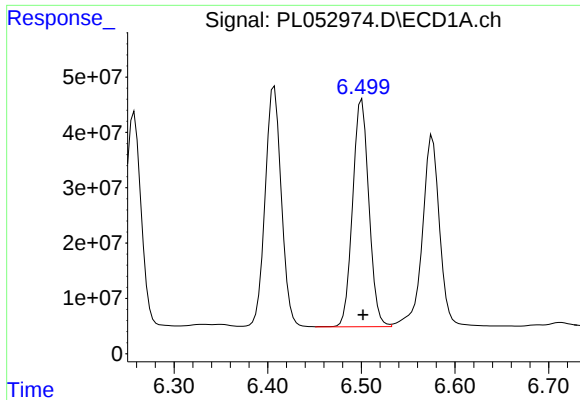
#16 4,4'-DDD

R.T.: 6.258 min  
Delta R.T.: 0.000 min  
Response: 466972354  
Conc: 51.95 ng/ml



#16 4,4'-DDD

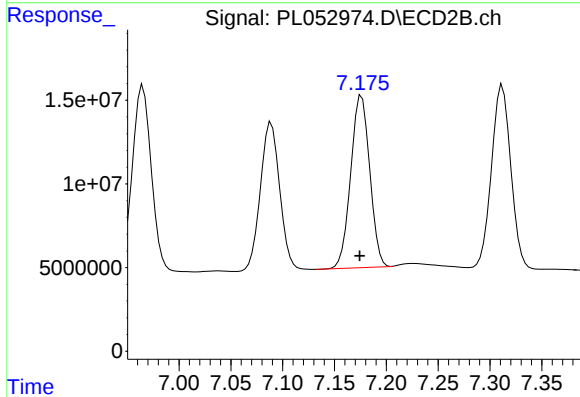
R.T.: 6.877 min  
Delta R.T.: 0.001 min  
Response: 137449842  
Conc: 56.04 ng/ml



#17 4,4'-DDT

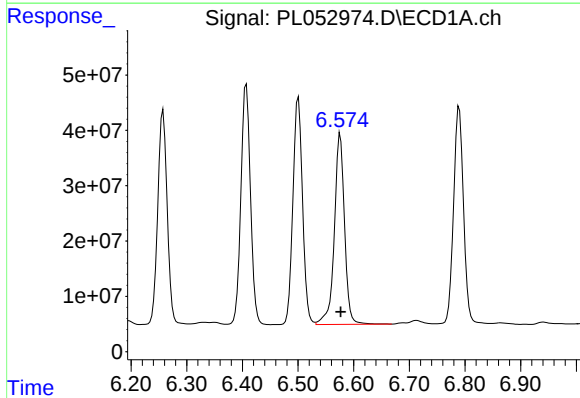
R.T.: 6.501 min  
Delta R.T.: -0.001 min  
Response: 496861803  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



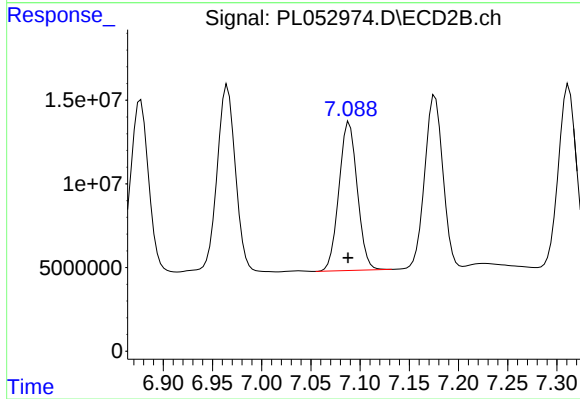
#17 4,4'-DDT

R.T.: 7.176 min  
Delta R.T.: 0.002 min  
Response: 131454392  
Conc: 50.51 ng/ml



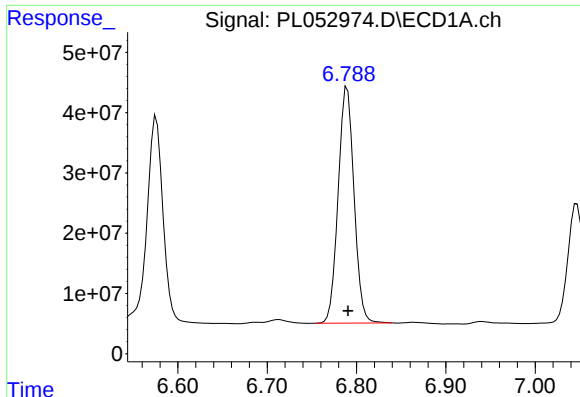
#18 Endrin aldehyde

R.T.: 6.576 min  
Delta R.T.: 0.000 min  
Response: 440872262  
Conc: 46.95 ng/ml



#18 Endrin aldehyde

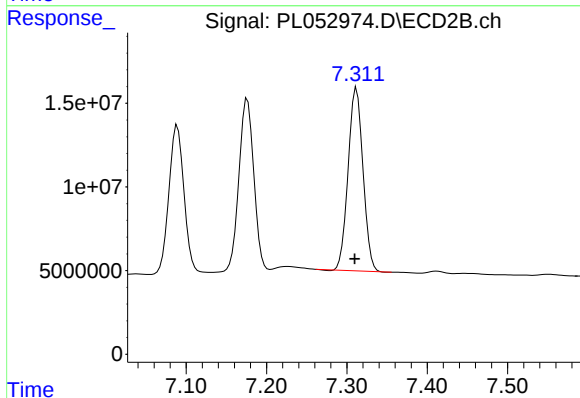
R.T.: 7.089 min  
Delta R.T.: 0.001 min  
Response: 115128241  
Conc: 46.94 ng/ml



#19 Endosulfan Sulfate

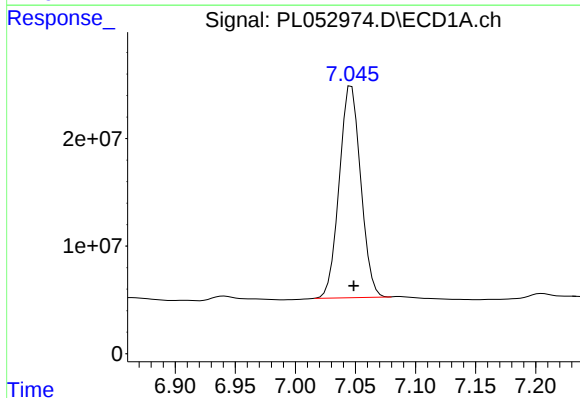
R.T.: 6.790 min  
Delta R.T.: 0.000 min  
Response: 483259078  
Conc: 46.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



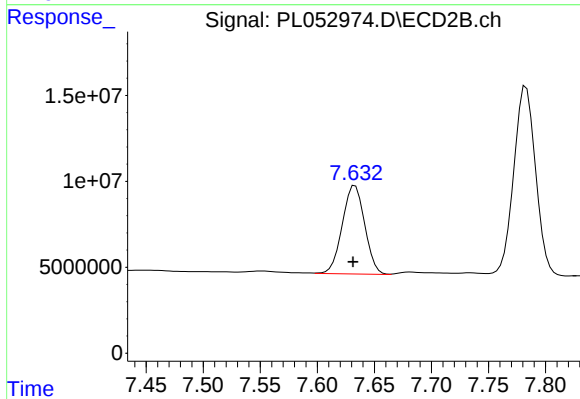
#19 Endosulfan Sulfate

R.T.: 7.312 min  
Delta R.T.: 0.002 min  
Response: 140853892  
Conc: 51.59 ng/ml



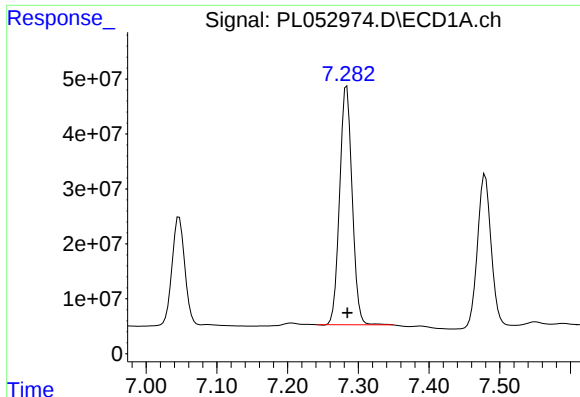
#20 Methoxychlor

R.T.: 7.047 min  
Delta R.T.: -0.002 min  
Response: 245193663  
Conc: 47.54 ng/ml



#20 Methoxychlor

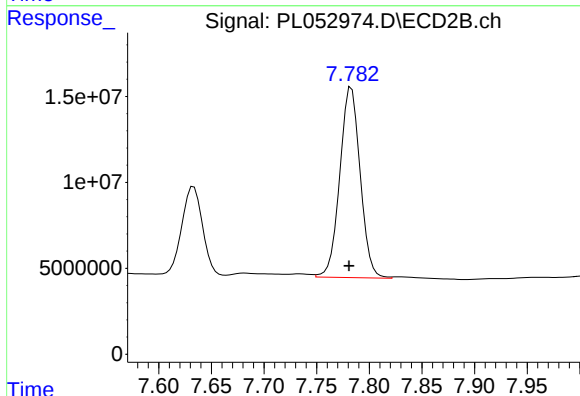
R.T.: 7.633 min  
Delta R.T.: 0.002 min  
Response: 70332128  
Conc: 49.95 ng/ml



#21 Endrin ketone

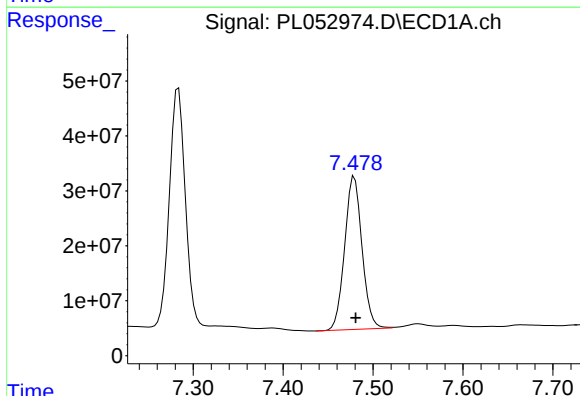
R.T.: 7.284 min  
Delta R.T.: 0.000 min  
Response: 534361090  
Conc: 45.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



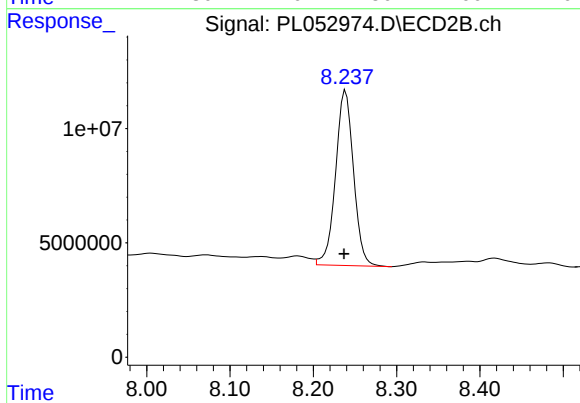
#21 Endrin ketone

R.T.: 7.783 min  
Delta R.T.: 0.002 min  
Response: 150027135  
Conc: 52.59 ng/ml



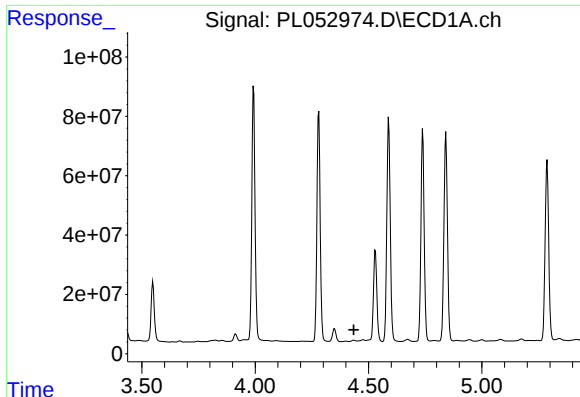
#22 Mirex

R.T.: 7.479 min  
Delta R.T.: -0.001 min  
Response: 372799431  
Conc: 39.48 ng/ml



#22 Mirex

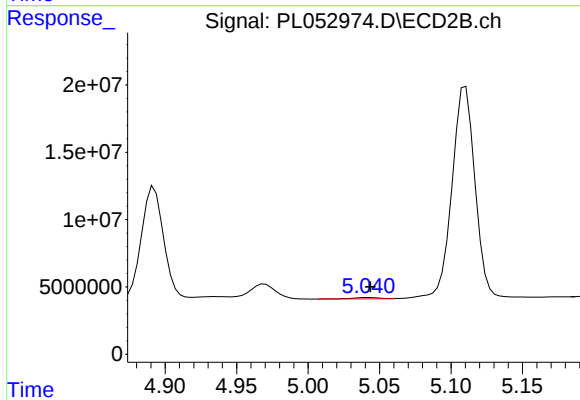
R.T.: 8.239 min  
Delta R.T.: 0.002 min  
Response: 114668400  
Conc: 50.98 ng/ml



#23 Chlordane-1

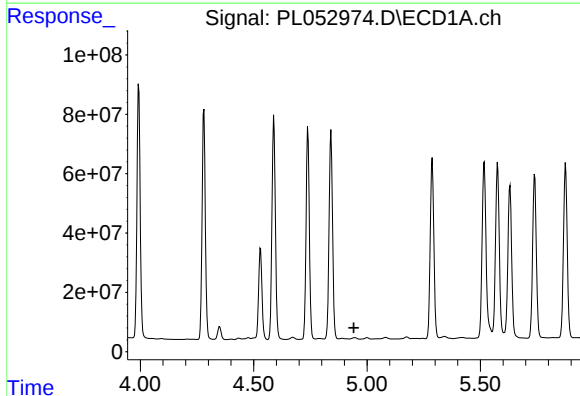
R.T.: 0.000 min  
Exp R.T. : 4.435 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



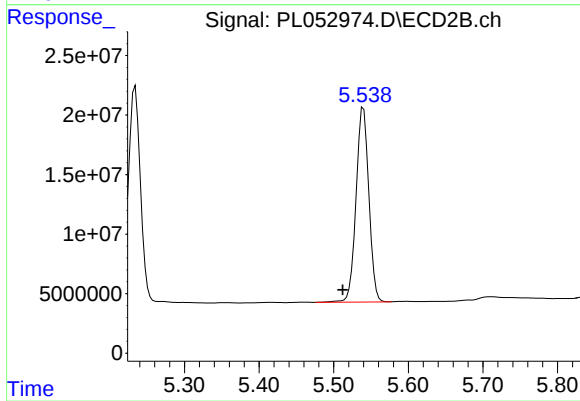
#23 Chlordane-1

R.T.: 5.042 min  
Delta R.T.: -0.001 min  
Response: 1320918  
Conc: 13.02 ng/ml



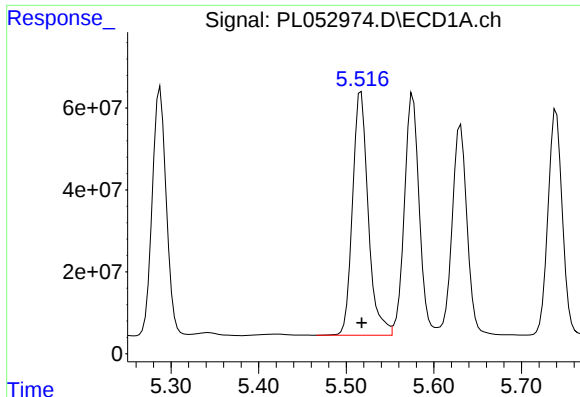
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.942 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

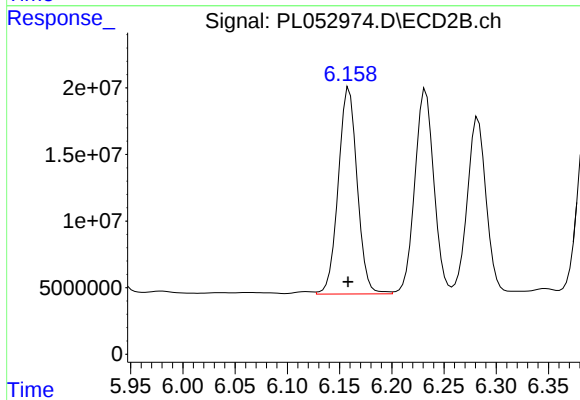
R.T.: 5.540 min  
Delta R.T.: 0.028 min  
Response: 195253983  
Conc: 1744.55 ng/ml



#25 Chlordane-3

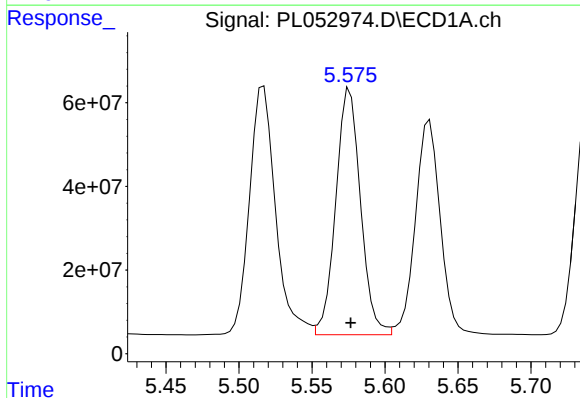
R.T.: 5.517 min  
Delta R.T.: 0.000 min  
Response: 740486395  
Conc: 639.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



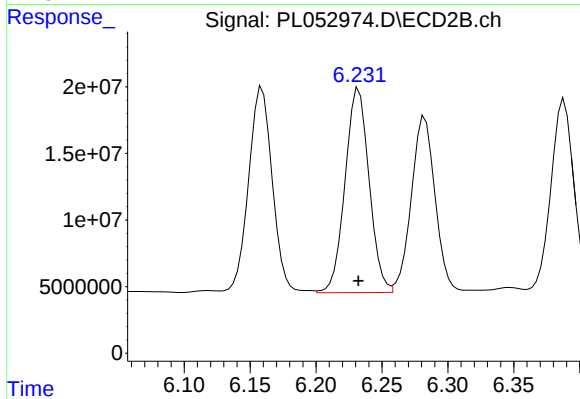
#25 Chlordane-3

R.T.: 6.159 min  
Delta R.T.: 0.001 min  
Response: 195322112  
Conc: 448.49 ng/ml



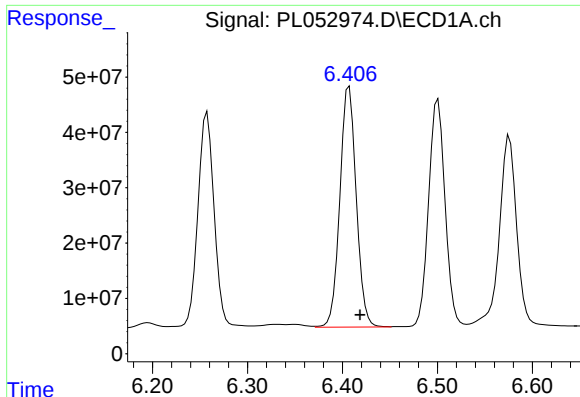
#26 Chlordane-4

R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 694825645  
Conc: 728.01 ng/ml



#26 Chlordane-4

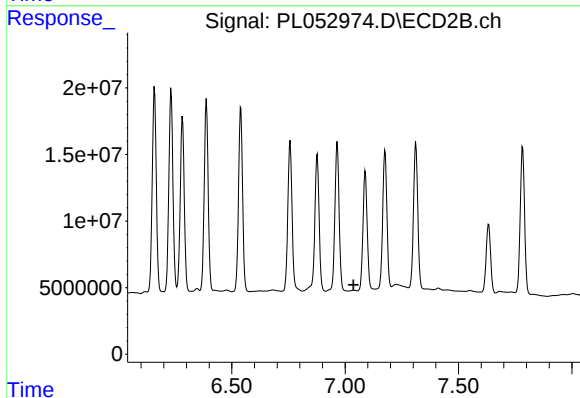
R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 194707199  
Conc: 366.68 ng/ml



#27 Chlordane-5

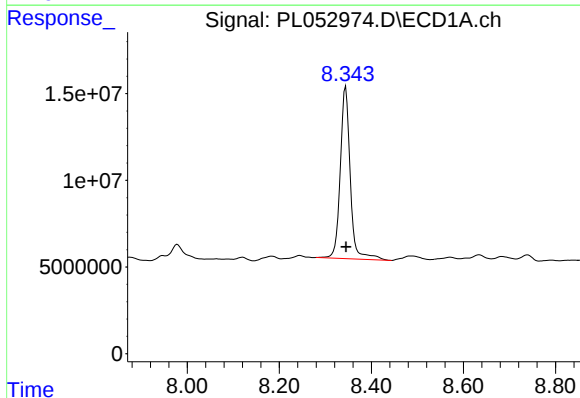
R.T.: 6.407 min  
Delta R.T.: -0.011 min  
Response: 523144377  
Conc: 1326.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



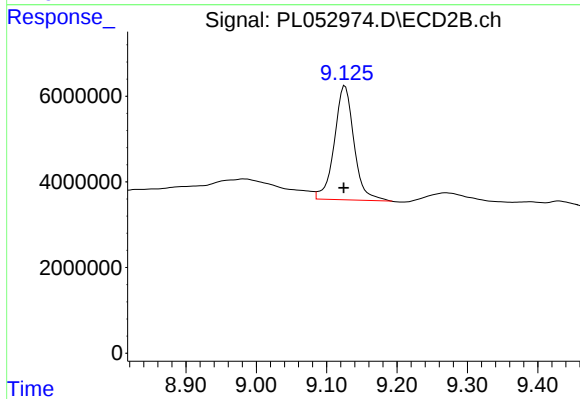
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.344 min  
Delta R.T.: 0.000 min  
Response: 149198183  
Conc: 14.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.126 min  
Delta R.T.: 0.002 min  
Response: 50622877  
Conc: 17.26 ng/ml