

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101719\  
 Data File : PL053386.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Oct 2019 17:04  
 Operator : SG\AJ  
 Sample : K5374-01MS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 17 00:57:48 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... | 3.546  | 4.047  | 213.8E6  | 51899977 | 21.497  | 19.328     |
| 2)                          | SA Decachlor... | 8.337  | 9.129  | 134.6E6  | 50294466 | 13.443  | 17.144 #   |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.990  | 4.438  | 1058.5E6 | 231.7E6  | 66.364  | 60.349     |
| 3)                          | MA gamma-BHC... | 4.277  | 4.724  | 969.7E6  | 212.1E6  | 66.580  | 58.570     |
| 4)                          | MA Heptachlor   | 4.585  | 5.235  | 912.0E6  | 205.2E6  | 61.036  | 53.836     |
| 5)                          | MB Aldrin       | 4.837  | 5.540  | 946.0E6  | 205.4E6  | 68.775  | 59.263     |
| 6)                          | B beta-BHC      | 4.527  | 4.894  | 365.0E6  | 87634784 | 58.790  | 55.754     |
| 7)                          | B delta-BHC     | 4.736  | 5.111  | 754.5E6  | 171.5E6  | 52.657  | 47.385     |
| 8)                          | B Heptachlo...  | 5.283  | 5.927  | 764.3E6  | 194.7E6  | 58.652  | 58.088     |
| 9)                          | A Endosulfan I  | 5.626  | 6.283  | 599.2E6  | 144.4E6  | 49.372  | 46.196     |
| 10)                         | B gamma-Chl...  | 5.512  | 6.160  | 828.2E6  | 193.1E6  | 61.585  | 57.066     |
| 11)                         | B alpha-Chl...  | 5.571  | 6.233  | 787.3E6  | 194.1E6  | 59.691  | 57.657     |
| 12)                         | B 4,4'-DDE      | 5.734  | 6.389  | 752.2E6  | 192.4E6  | 64.805  | 58.910     |
| 13)                         | MA Dieldrin     | 5.871  | 6.540  | 708.9E6  | 174.4E6  | 54.921  | 53.454     |
| 14)                         | MA Endrin       | 6.129  | 6.758  | 393.0E6  | 93530939 | 34.503  | 33.682     |
| 15)                         | B Endosulfa...  | 6.402  | 6.967  | 391.3E6  | 108.6E6  | 34.144  | 36.586     |
| 16)                         | A 4,4'-DDD      | 6.252  | 6.879  | 475.0E6  | 133.6E6  | 52.846  | 54.463     |
| 17)                         | MA 4,4'-DDT     | 6.495  | 7.178  | 479.9E6  | 125.2E6  | 46.993  | 48.124     |
| 18)                         | B Endrin al...  | 6.571  | 7.091  | 312.8E6  | 88449867 | 33.313  | 36.063     |
| 19)                         | B Endosulfa...  | 6.785  | 7.313  | 272.7E6  | 86718920 | 26.200  | 31.760     |
| 20)                         | A Methoxychlor  | 7.041  | 7.636  | 135.1E6  | 41244076 | 26.199  | 29.294     |
| 21)                         | B Endrin ke...  | 7.278  | 7.785  | 436.9E6  | 123.2E6  | 37.487  | 43.192     |
| 22)                         | Mirex           | 7.472  | 8.241  | 497.0E6  | 157.5E6  | 52.628  | 70.016 #   |
| 24)                         | Chlordane-2     | 0.000  | 5.540f | 0        | 205.4E6  | N.D.    | 1835.071 # |
| 25)                         | Chlordane-3     | 5.512  | 6.160  | 828.2E6  | 193.1E6  | 714.766 | 443.294 #  |
| 26)                         | Chlordane-4     | 5.571  | 6.233  | 787.3E6  | 194.1E6  | 824.888 | 365.480 #  |
| 27)                         | Chlordane-5     | 6.402f | 7.040  | 391.3E6  | 423918   | 992.004 | 4.806 #    |
| -----                       |                 |        |        |          |          |         |            |

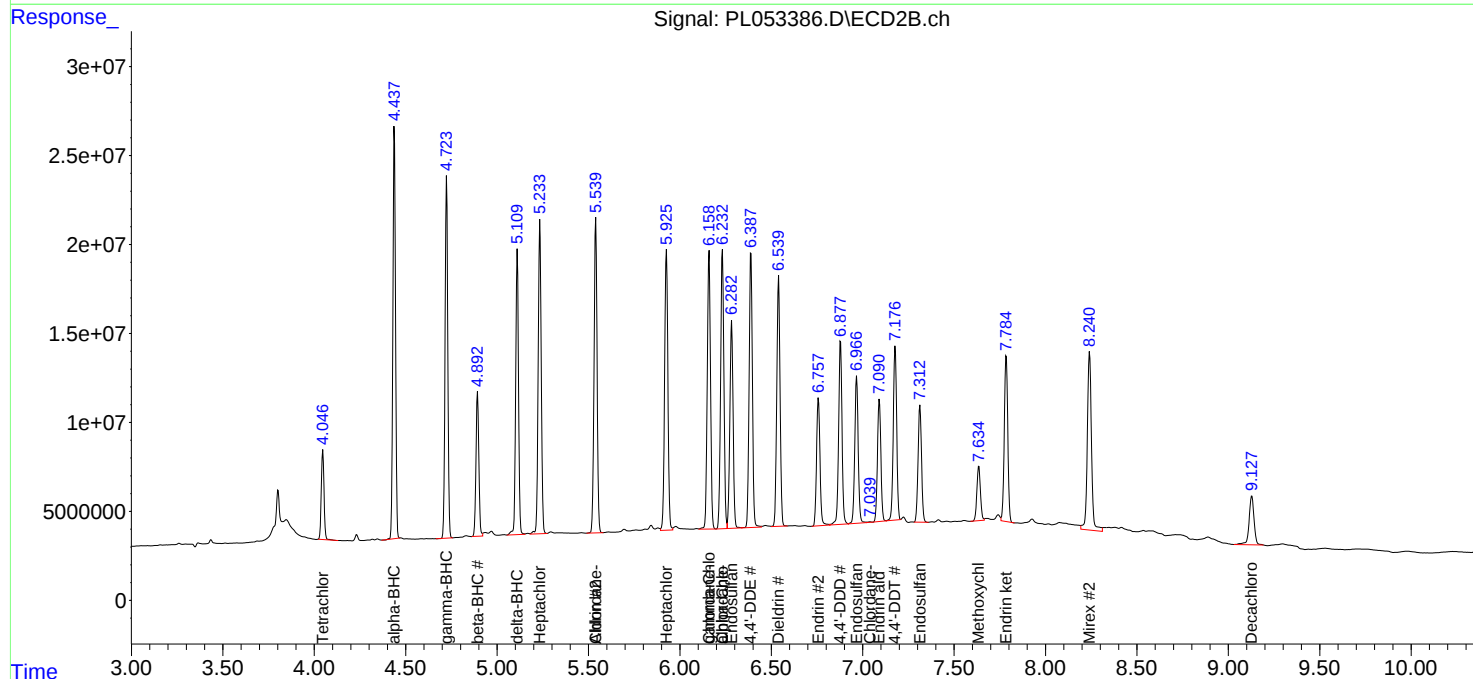
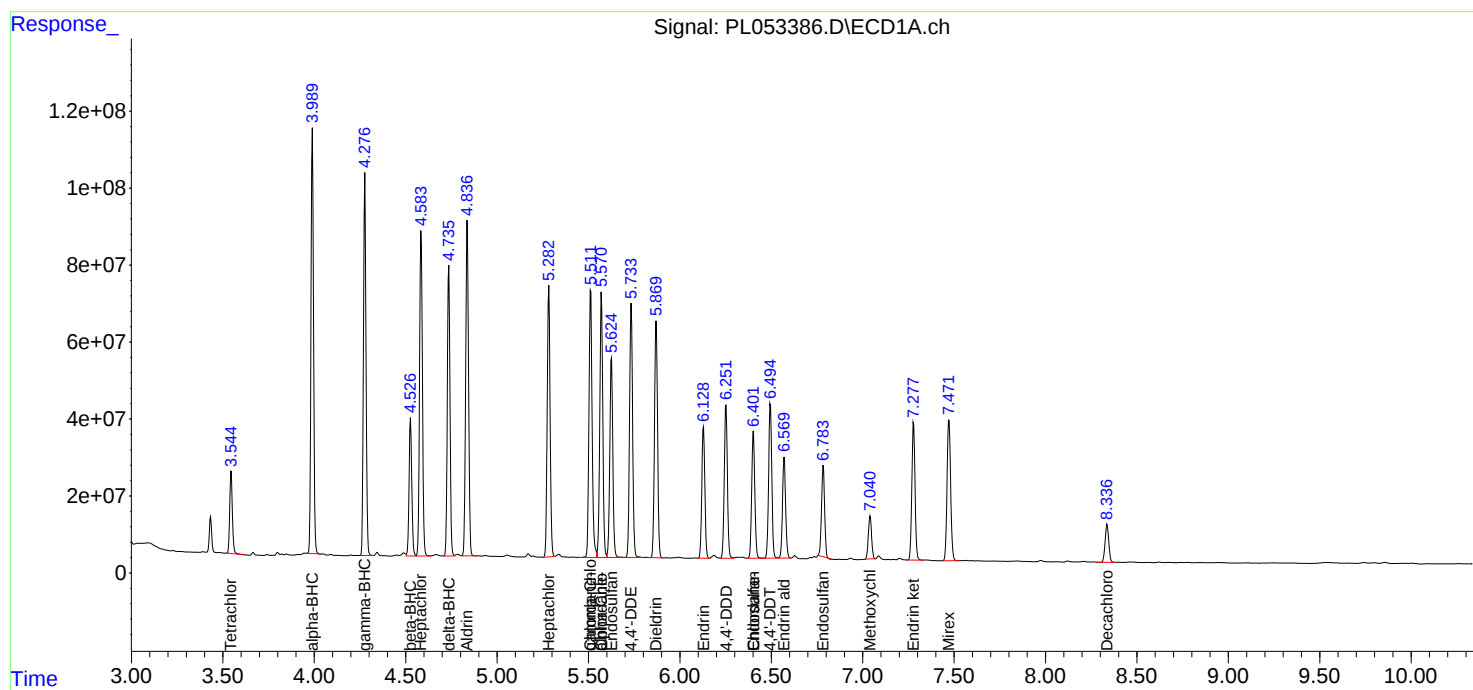
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

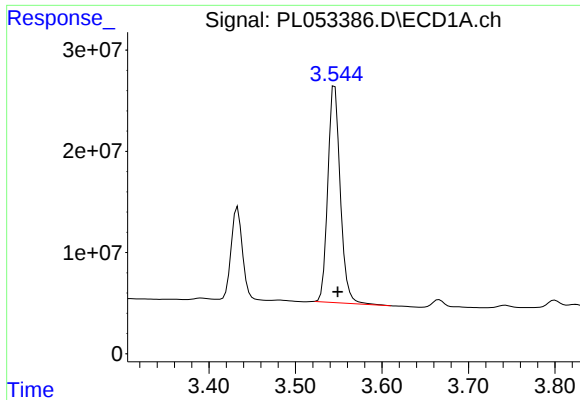
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101719\  
Data File : PL053386.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Oct 2019 17:04  
Operator : SG\AJ  
Sample : K5374-01MS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 17 00:57:48 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

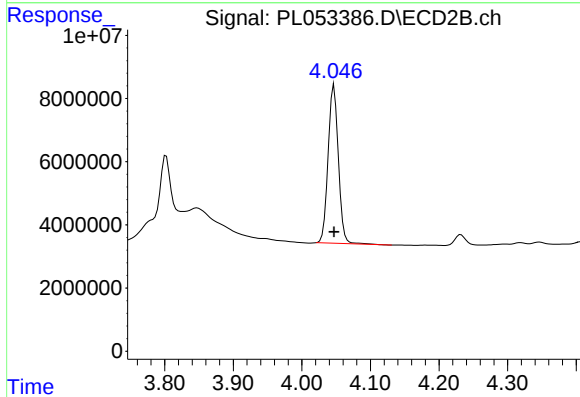




#1 Tetrachloro-m-xylene

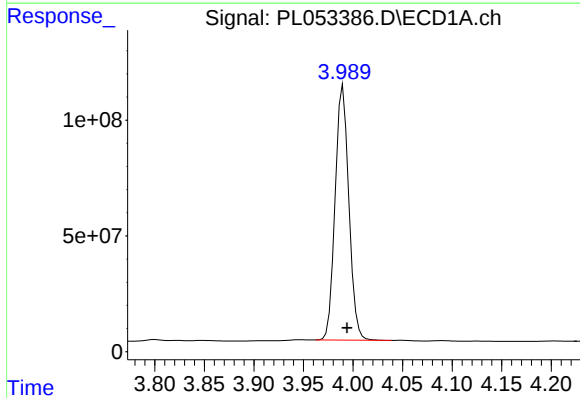
R.T.: 3.546 min  
Delta R.T.: -0.003 min  
Response: 213822969  
Conc: 21.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



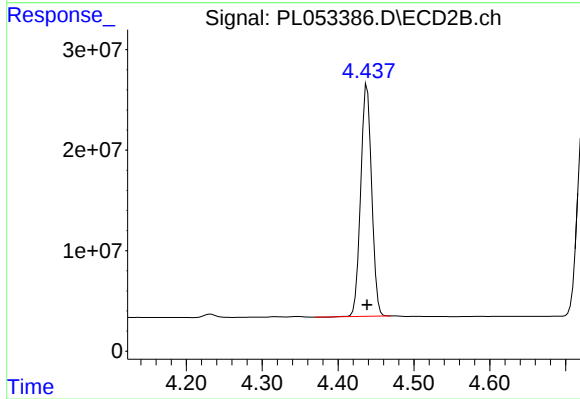
#1 Tetrachloro-m-xylene

R.T.: 4.047 min  
Delta R.T.: 0.000 min  
Response: 51899977  
Conc: 19.33 ng/ml



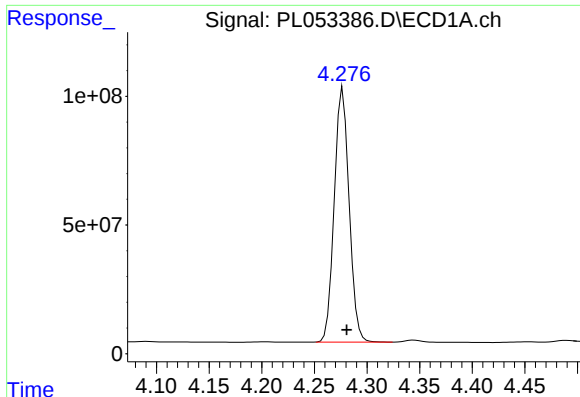
#2 alpha-BHC

R.T.: 3.990 min  
Delta R.T.: -0.004 min  
Response: 1058544146  
Conc: 66.36 ng/ml



#2 alpha-BHC

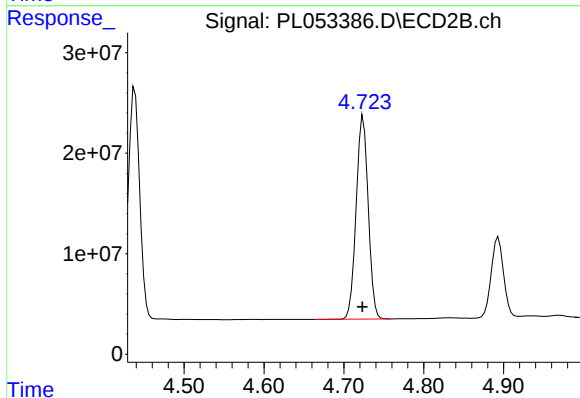
R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 231741260  
Conc: 60.35 ng/ml



#3 gamma-BHC (Lindane)

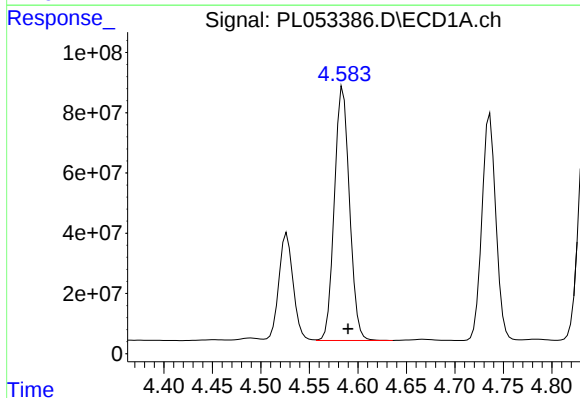
R.T.: 4.277 min  
Delta R.T.: -0.004 min  
Response: 969708943  
Conc: 66.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



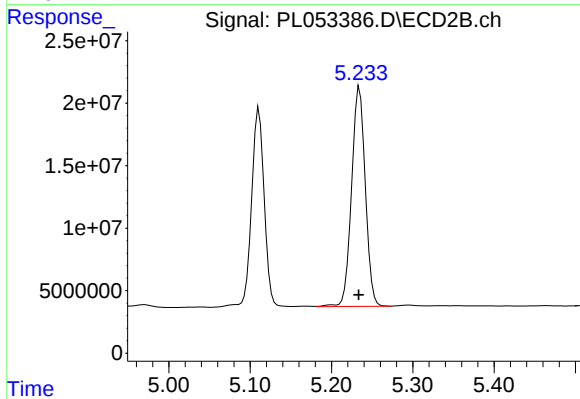
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 212094374  
Conc: 58.57 ng/ml



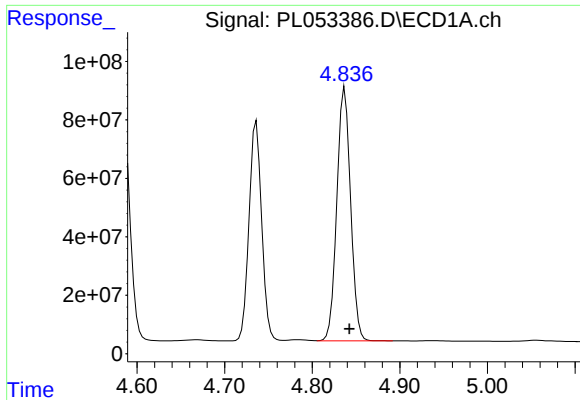
#4 Heptachlor

R.T.: 4.585 min  
Delta R.T.: -0.005 min  
Response: 911992589  
Conc: 61.04 ng/ml



#4 Heptachlor

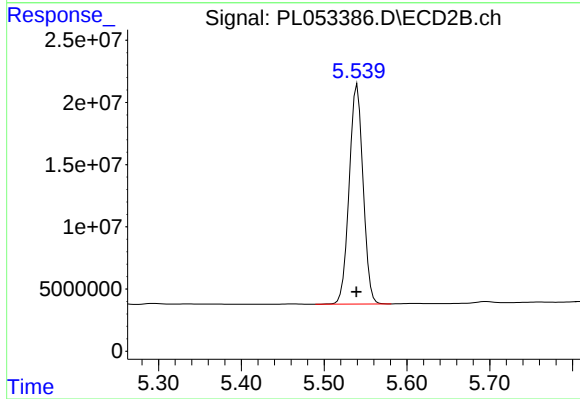
R.T.: 5.235 min  
Delta R.T.: 0.001 min  
Response: 205154581  
Conc: 53.84 ng/ml



#5 Aldrin

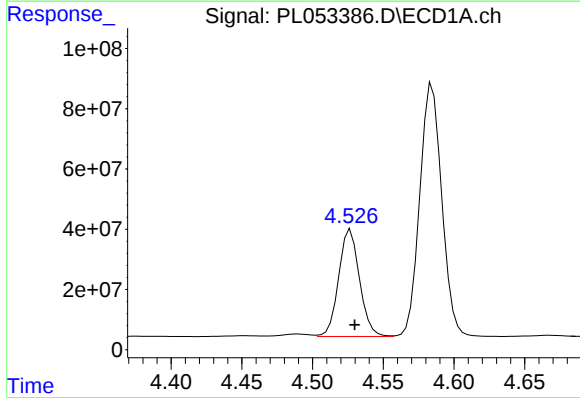
R.T.: 4.837 min  
Delta R.T.: -0.005 min  
Response: 946023628  
Conc: 68.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



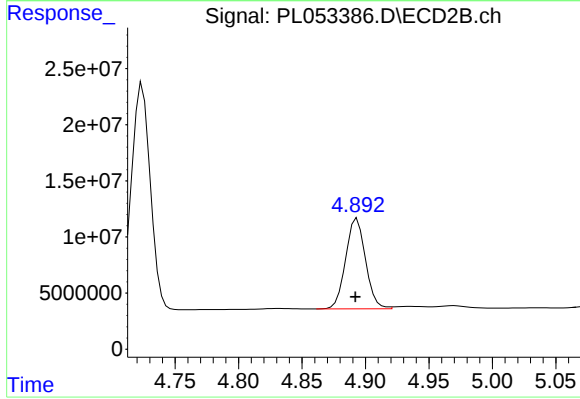
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: 0.001 min  
Response: 205385455  
Conc: 59.26 ng/ml



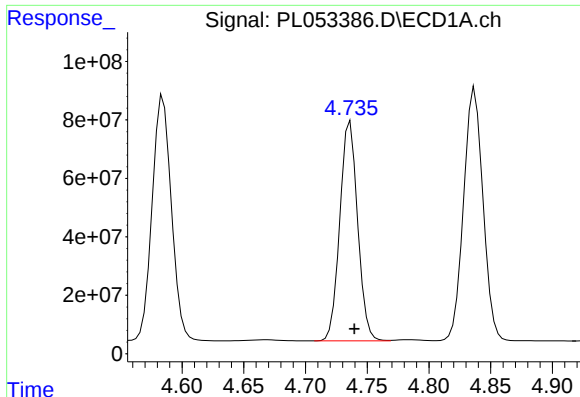
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: -0.003 min  
Response: 364998592  
Conc: 58.79 ng/ml



#6 beta-BHC

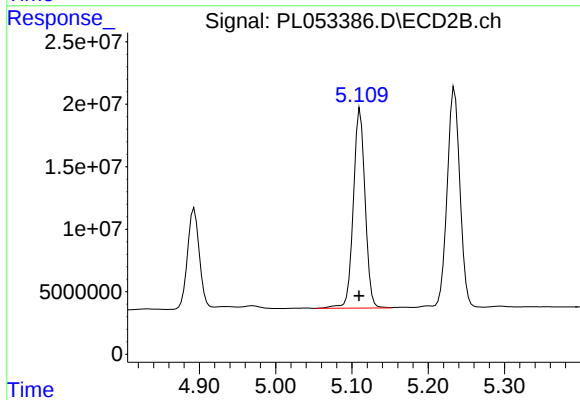
R.T.: 4.894 min  
Delta R.T.: 0.001 min  
Response: 87634784  
Conc: 55.75 ng/ml



#7 delta-BHC

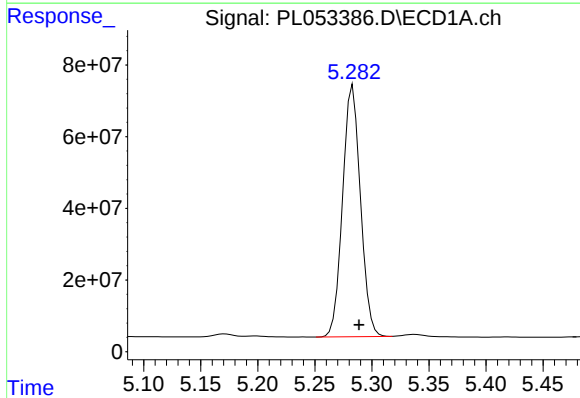
R.T.: 4.736 min  
Delta R.T.: -0.003 min  
Response: 754538570  
Conc: 52.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



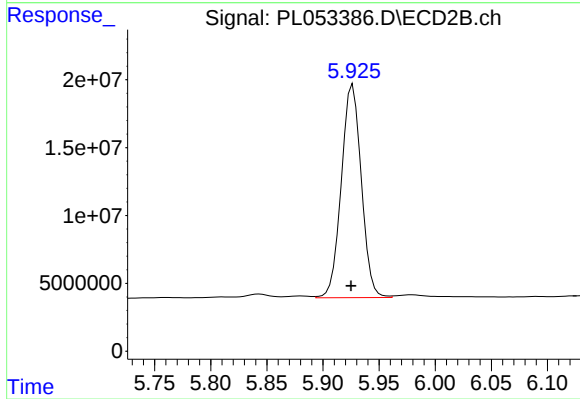
#7 delta-BHC

R.T.: 5.111 min  
Delta R.T.: 0.002 min  
Response: 171526286  
Conc: 47.38 ng/ml



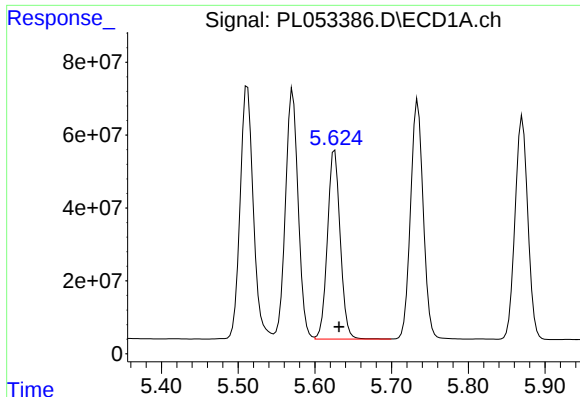
#8 Heptachlor epoxide

R.T.: 5.283 min  
Delta R.T.: -0.005 min  
Response: 764294127  
Conc: 58.65 ng/ml



#8 Heptachlor epoxide

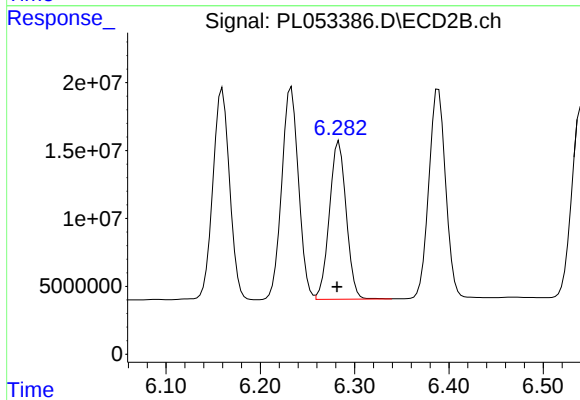
R.T.: 5.927 min  
Delta R.T.: 0.002 min  
Response: 194683339  
Conc: 58.09 ng/ml



#9 Endosulfan I

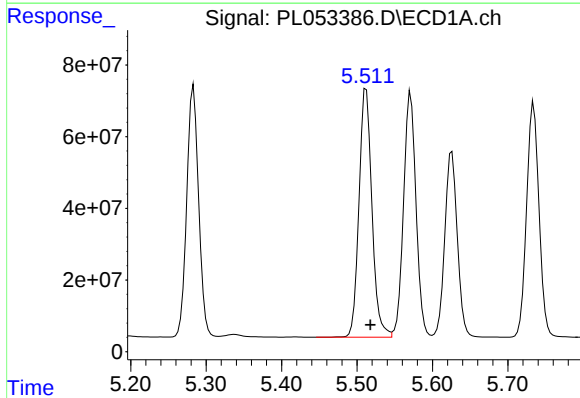
R.T.: 5.626 min  
Delta R.T.: -0.006 min  
Response: 599173669  
Conc: 49.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



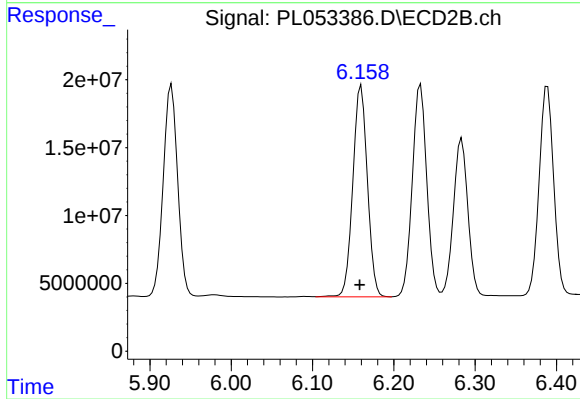
#9 Endosulfan I

R.T.: 6.283 min  
Delta R.T.: 0.002 min  
Response: 144395970  
Conc: 46.20 ng/ml



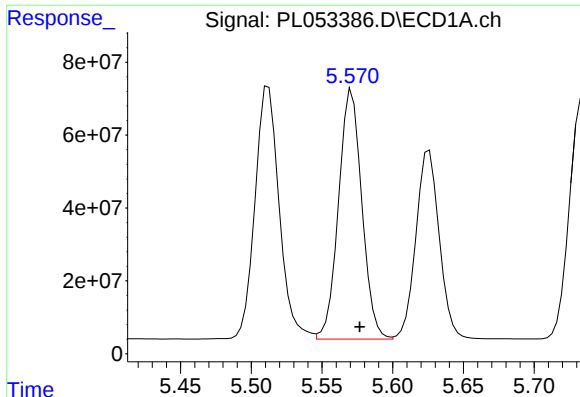
#10 gamma-Chlordane

R.T.: 5.512 min  
Delta R.T.: -0.006 min  
Response: 828199090  
Conc: 61.58 ng/ml



#10 gamma-Chlordane

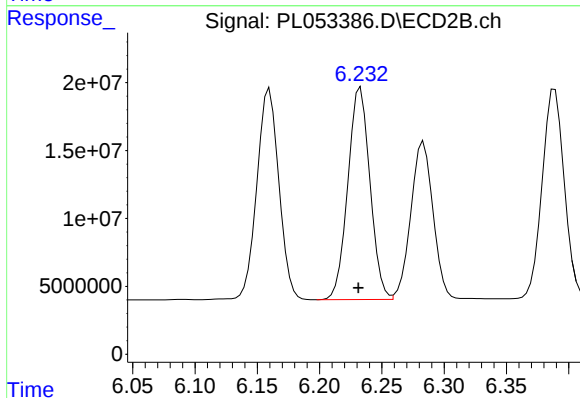
R.T.: 6.160 min  
Delta R.T.: 0.002 min  
Response: 193058554  
Conc: 57.07 ng/ml



#11 alpha-Chlordane

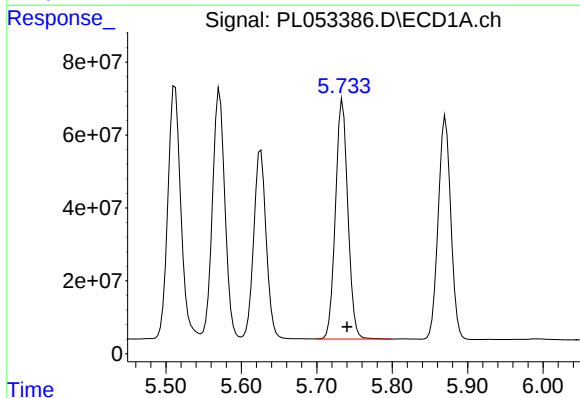
R.T.: 5.571 min  
Delta R.T.: -0.006 min  
Response: 787282021  
Conc: 59.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



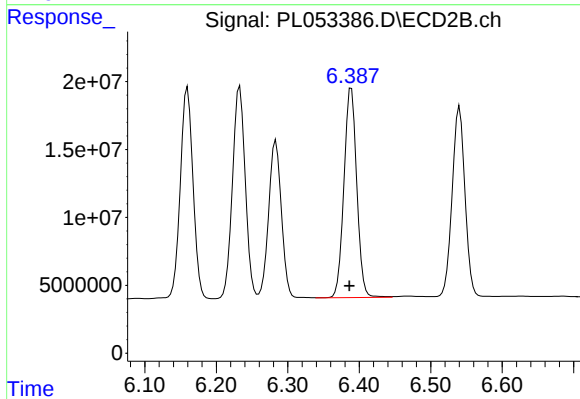
#11 alpha-Chlordane

R.T.: 6.233 min  
Delta R.T.: 0.002 min  
Response: 194069009  
Conc: 57.66 ng/ml



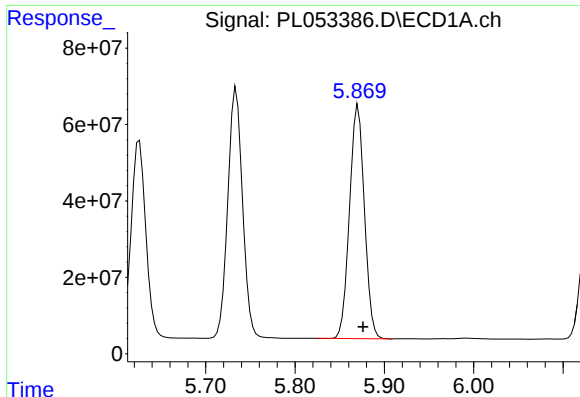
#12 4,4'-DDE

R.T.: 5.734 min  
Delta R.T.: -0.006 min  
Response: 752155619  
Conc: 64.81 ng/ml



#12 4,4'-DDE

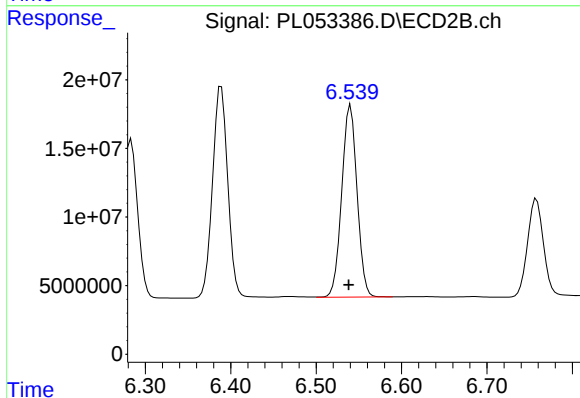
R.T.: 6.389 min  
Delta R.T.: 0.002 min  
Response: 192409904  
Conc: 58.91 ng/ml



#13 Dieldrin

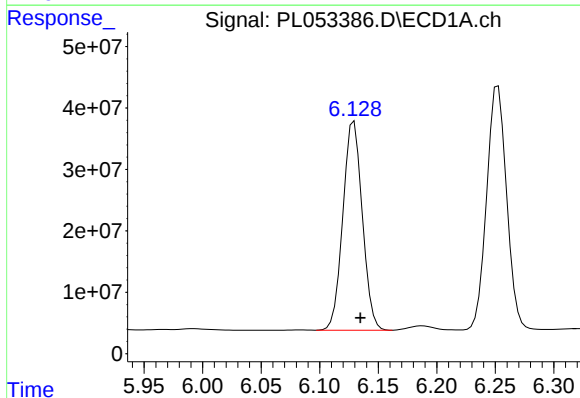
R.T.: 5.871 min  
Delta R.T.: -0.006 min  
Response: 708923110  
Conc: 54.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



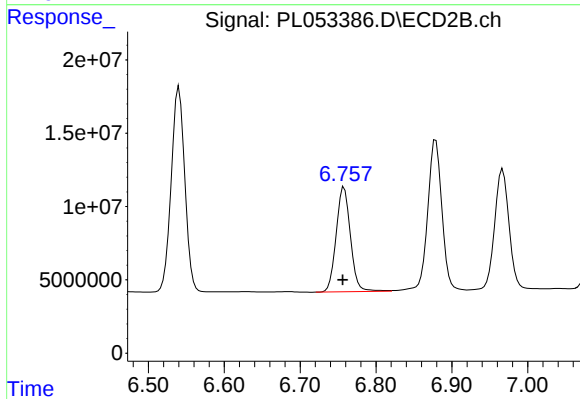
#13 Dieldrin

R.T.: 6.540 min  
Delta R.T.: 0.002 min  
Response: 174366277  
Conc: 53.45 ng/ml



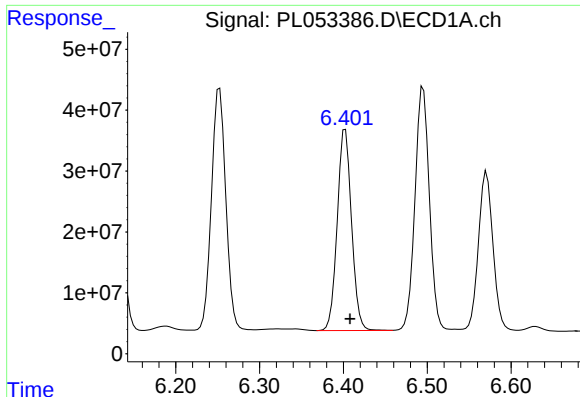
#14 Endrin

R.T.: 6.129 min  
Delta R.T.: -0.005 min  
Response: 393018710  
Conc: 34.50 ng/ml



#14 Endrin

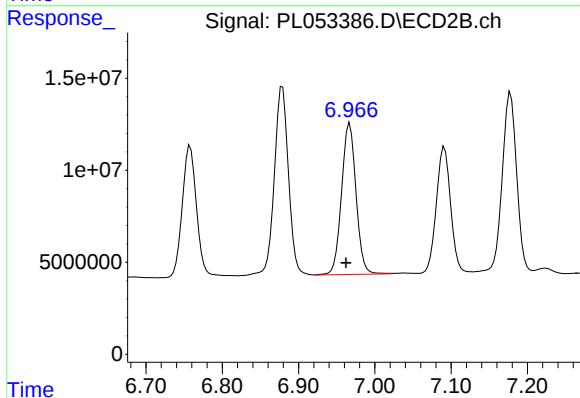
R.T.: 6.758 min  
Delta R.T.: 0.002 min  
Response: 93530939  
Conc: 33.68 ng/ml



#15 Endosulfan II

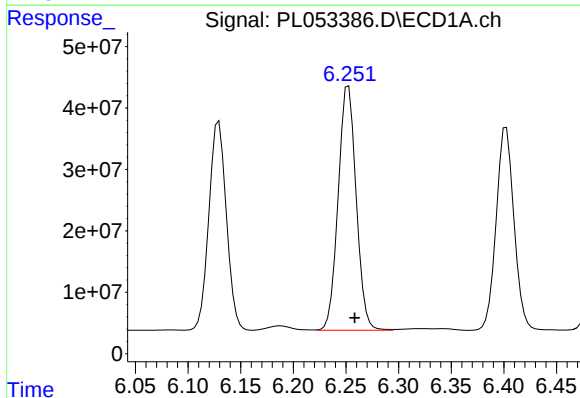
R.T.: 6.402 min  
Delta R.T.: -0.006 min  
Response: 391280188  
Conc: 34.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



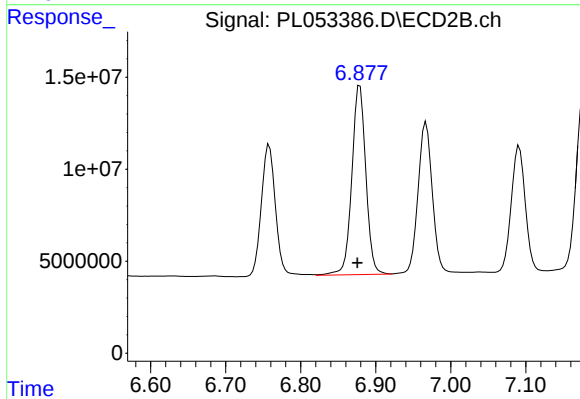
#15 Endosulfan II

R.T.: 6.967 min  
Delta R.T.: 0.005 min  
Response: 108550054  
Conc: 36.59 ng/ml



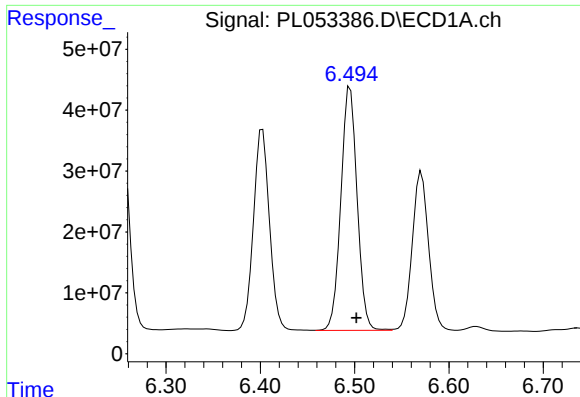
#16 4,4'-DDD

R.T.: 6.252 min  
Delta R.T.: -0.006 min  
Response: 474995645  
Conc: 52.85 ng/ml



#16 4,4'-DDD

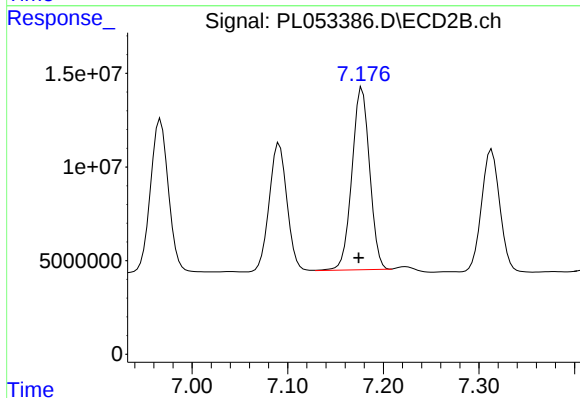
R.T.: 6.879 min  
Delta R.T.: 0.003 min  
Response: 133574385  
Conc: 54.46 ng/ml



#17 4,4'-DDT

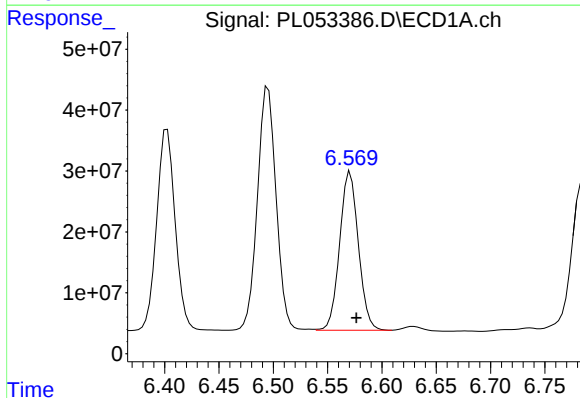
R.T.: 6.495 min  
Delta R.T.: -0.006 min  
Response: 479913007  
Conc: 46.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



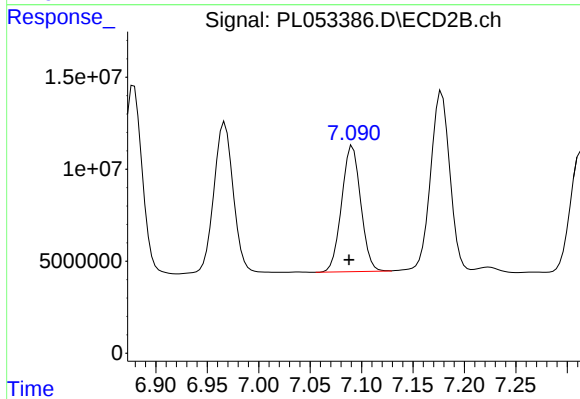
#17 4,4'-DDT

R.T.: 7.178 min  
Delta R.T.: 0.004 min  
Response: 125246142  
Conc: 48.12 ng/ml



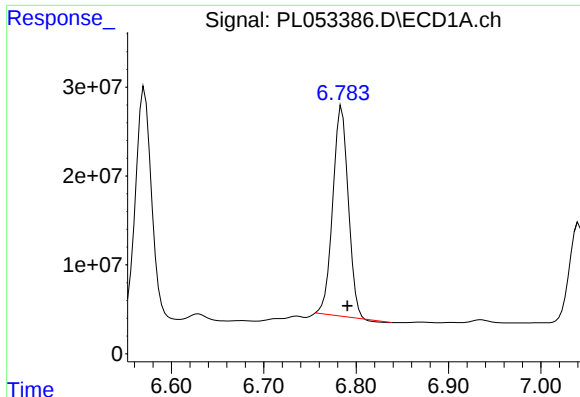
#18 Endrin aldehyde

R.T.: 6.571 min  
Delta R.T.: -0.006 min  
Response: 312838858  
Conc: 33.31 ng/ml



#18 Endrin aldehyde

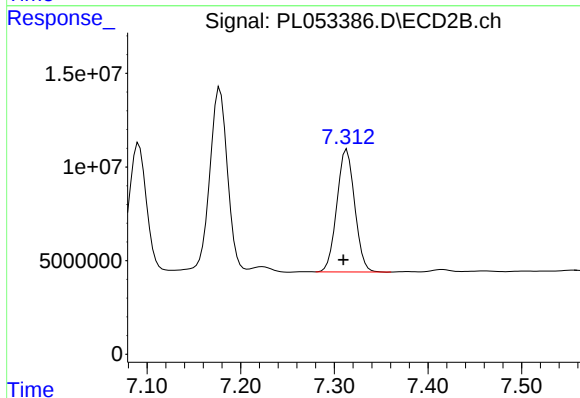
R.T.: 7.091 min  
Delta R.T.: 0.003 min  
Response: 88449867  
Conc: 36.06 ng/ml



#19 Endosulfan Sulfate

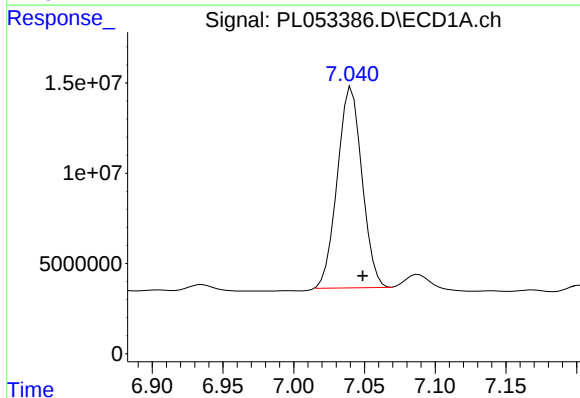
R.T.: 6.785 min  
Delta R.T.: -0.006 min  
Response: 272721460  
Conc: 26.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



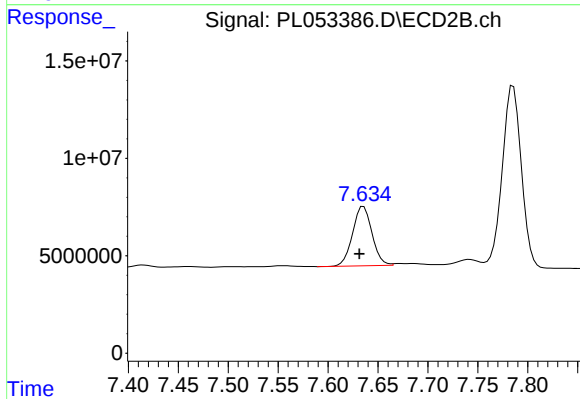
#19 Endosulfan Sulfate

R.T.: 7.313 min  
Delta R.T.: 0.004 min  
Response: 86718920  
Conc: 31.76 ng/ml



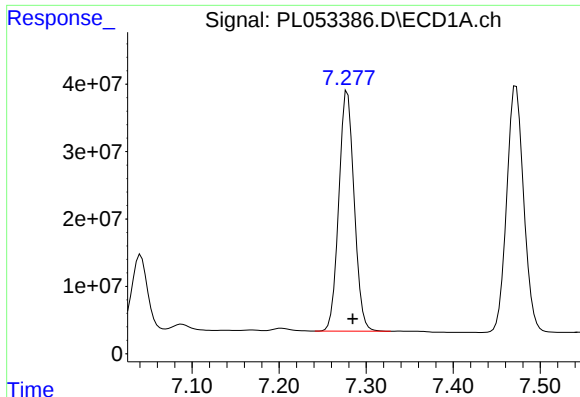
#20 Methoxychlor

R.T.: 7.041 min  
Delta R.T.: -0.008 min  
Response: 135137238  
Conc: 26.20 ng/ml



#20 Methoxychlor

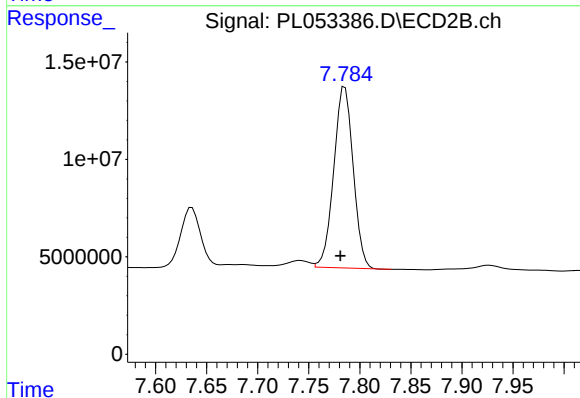
R.T.: 7.636 min  
Delta R.T.: 0.004 min  
Response: 41244076  
Conc: 29.29 ng/ml



#21 Endrin ketone

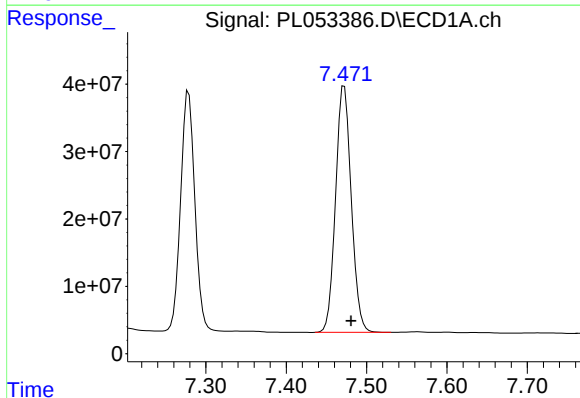
R.T.: 7.278 min  
Delta R.T.: -0.006 min  
Response: 436908884  
Conc: 37.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



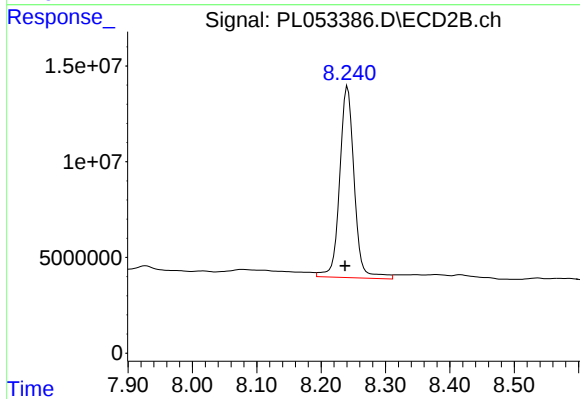
#21 Endrin ketone

R.T.: 7.785 min  
Delta R.T.: 0.005 min  
Response: 123222492  
Conc: 43.19 ng/ml



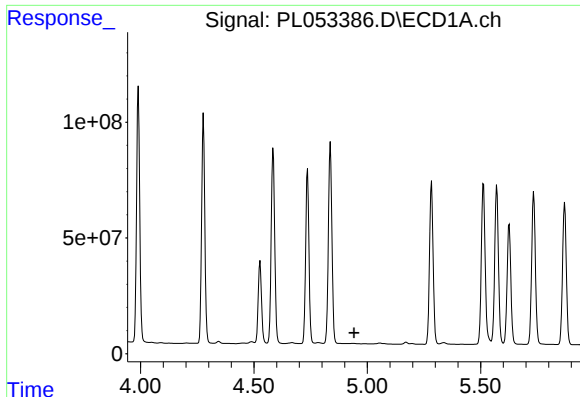
#22 Mirex

R.T.: 7.472 min  
Delta R.T.: -0.008 min  
Response: 496991504  
Conc: 52.63 ng/ml



#22 Mirex

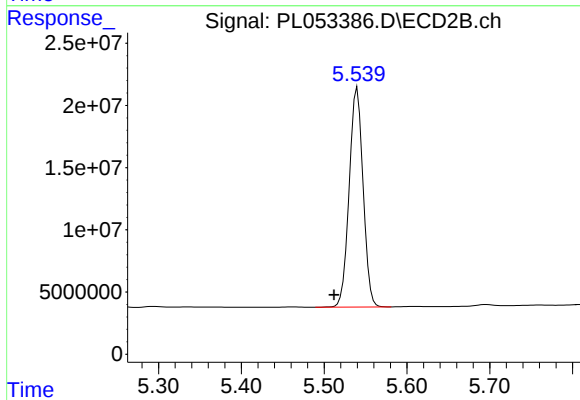
R.T.: 8.241 min  
Delta R.T.: 0.004 min  
Response: 157482294  
Conc: 70.02 ng/ml



#24 Chlordane-2

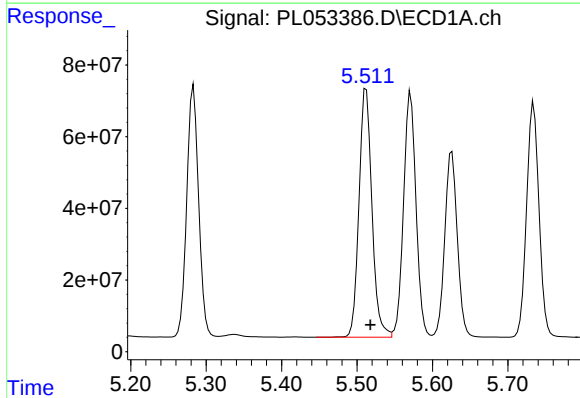
R.T.: 0.000 min  
Exp R.T.: 4.942 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



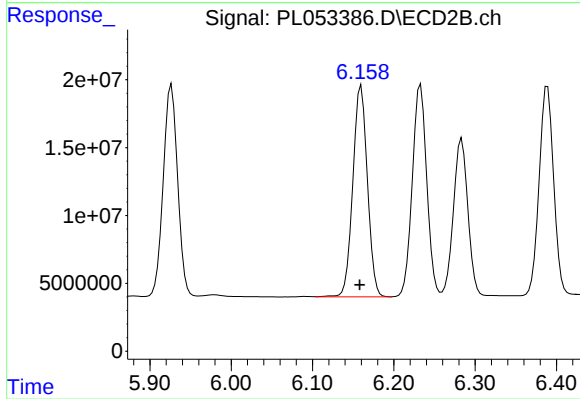
#24 Chlordane-2

R.T.: 5.540 min  
Delta R.T.: 0.028 min  
Response: 205385455  
Conc: 1835.07 ng/ml



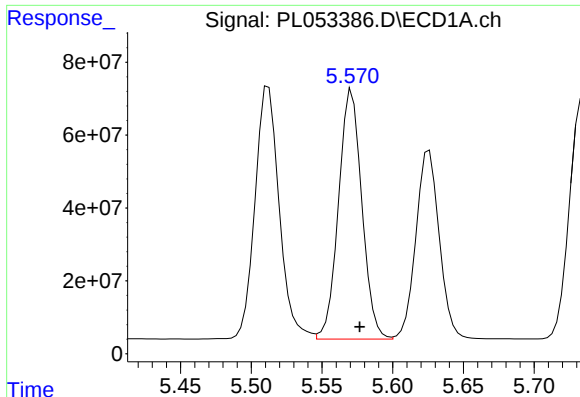
#25 Chlordane-3

R.T.: 5.512 min  
Delta R.T.: -0.006 min  
Response: 828199090  
Conc: 714.77 ng/ml



#25 Chlordane-3

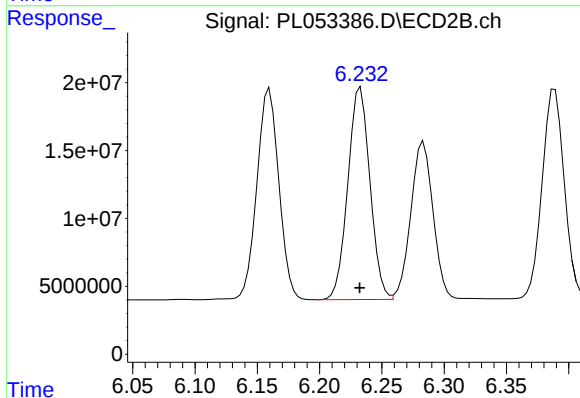
R.T.: 6.160 min  
Delta R.T.: 0.002 min  
Response: 193058554  
Conc: 443.29 ng/ml



#26 Chlordane-4

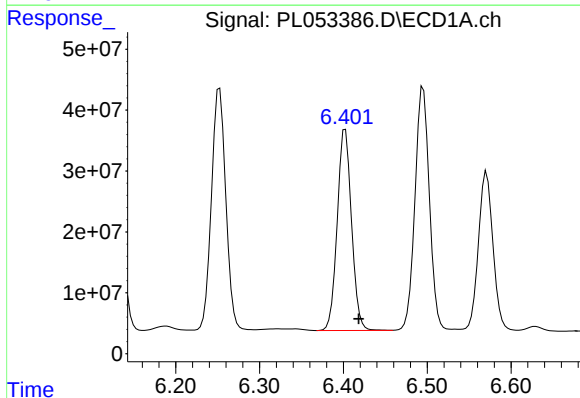
R.T.: 5.571 min  
Delta R.T.: -0.006 min  
Response: 787282021  
Conc: 824.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



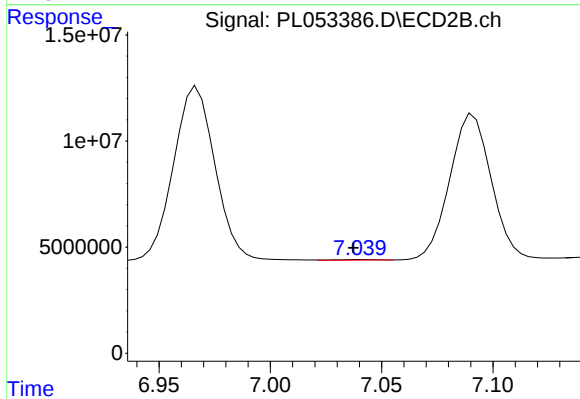
#26 Chlordane-4

R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 194069009  
Conc: 365.48 ng/ml



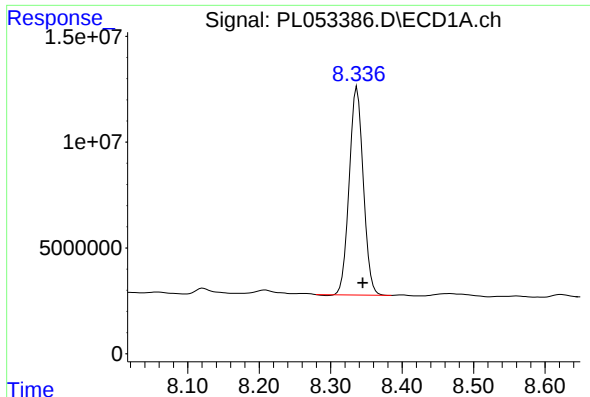
#27 Chlordane-5

R.T.: 6.402 min  
Delta R.T.: -0.016 min  
Response: 391280188  
Conc: 992.00 ng/ml



#27 Chlordane-5

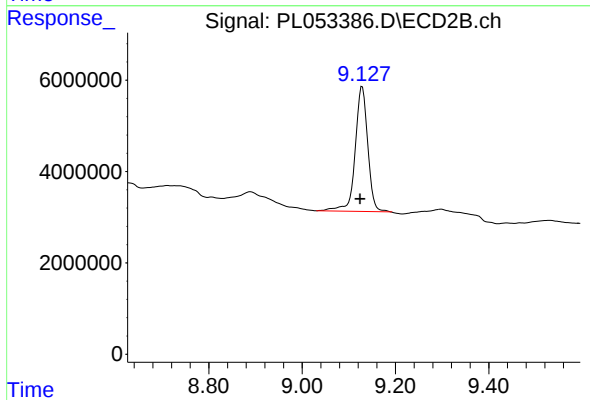
R.T.: 7.040 min  
Delta R.T.: 0.003 min  
Response: 423918  
Conc: 4.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.337 min  
Delta R.T.: -0.008 min  
Response: 134642841  
Conc: 13.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.129 min  
Delta R.T.: 0.004 min  
Response: 50294466  
Conc: 17.14 ng/ml