

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101519\  
 Data File : PL053330.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Oct 2019 21:00  
 Operator : SG\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 15 00:58:07 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... | 3.545  | 4.046  | 525.8E6 | 127.9E6  | 52.861   | 47.622     |
| 2)                          | SA Decachlor... | 8.334  | 9.125  | 468.6E6 | 141.0E6  | 46.789   | 48.051     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.989  | 4.437  | 860.2E6 | 187.9E6  | 53.930   | 48.934     |
| 3)                          | MA gamma-BHC... | 4.275  | 4.723  | 778.0E6 | 174.5E6  | 53.420   | 48.175     |
| 4)                          | MA Heptachlor   | 4.583  | 5.233  | 774.1E6 | 174.8E6  | 51.805   | 45.880     |
| 5)                          | MB Aldrin       | 4.835  | 5.538  | 730.4E6 | 162.2E6  | 53.096   | 46.796     |
| 6)                          | B beta-BHC      | 4.525  | 4.892  | 317.4E6 | 80323046 | 51.116   | 51.102     |
| 7)                          | B delta-BHC     | 4.734  | 5.109  | 760.0E6 | 171.4E6  | 53.041   | 47.351     |
| 8)                          | B Heptachlo...  | 5.281  | 5.924  | 672.5E6 | 156.8E6  | 51.605   | 46.800     |
| 9)                          | A Endosulfan I  | 5.623  | 6.281  | 614.0E6 | 145.2E6  | 50.593   | 46.464     |
| 10)                         | B gamma-Chl...  | 5.510  | 6.158  | 685.9E6 | 159.1E6  | 51.006   | 47.026     |
| 11)                         | B alpha-Chl...  | 5.569  | 6.231  | 664.4E6 | 156.5E6  | 50.374   | 46.487     |
| 12)                         | B 4,4'-DDE      | 5.732  | 6.387  | 595.3E6 | 152.5E6  | 51.290   | 46.700     |
| 13)                         | MA Dieldrin     | 5.869  | 6.538  | 659.6E6 | 154.0E6  | 51.101   | 47.200     |
| 14)                         | MA Endrin       | 6.127  | 6.756  | 565.7E6 | 130.9E6  | 49.662   | 47.140     |
| 15)                         | B Endosulfa...  | 6.399  | 6.965  | 552.6E6 | 141.3E6  | 48.218   | 47.626     |
| 16)                         | A 4,4'-DDD      | 6.250  | 6.877  | 475.5E6 | 123.7E6  | 52.900   | 50.441     |
| 17)                         | MA 4,4'-DDT     | 6.492  | 7.175  | 484.1E6 | 120.7E6  | 47.398   | 46.380     |
| 18)                         | B Endrin al...  | 6.568  | 7.088  | 448.0E6 | 116.6E6  | 47.710   | 47.552     |
| 19)                         | B Endosulfa...  | 6.781  | 7.311  | 494.3E6 | 128.9E6  | 47.492   | 47.192     |
| 20)                         | A Methoxychlor  | 7.038  | 7.633  | 222.4E6 | 66465760 | 43.121   | 47.208     |
| 21)                         | B Endrin ke...  | 7.275  | 7.783  | 558.2E6 | 141.2E6  | 47.892   | 49.488     |
| 22)                         | Mirex           | 7.470  | 8.238  | 414.4E6 | 108.5E6  | 43.886   | 48.255     |
| 24)                         | Chlordane-2     | 0.000  | 5.538f | 0       | 162.2E6  | N.D.     | 1449.007 # |
| 25)                         | Chlordane-3     | 5.510  | 6.158  | 685.9E6 | 159.1E6  | 591.983  | 365.307 #  |
| 26)                         | Chlordane-4     | 5.569  | 6.231  | 664.4E6 | 156.5E6  | 696.128  | 294.678 #  |
| 27)                         | Chlordane-5     | 6.399f | 0.000  | 552.6E6 | 0        | 1400.877 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

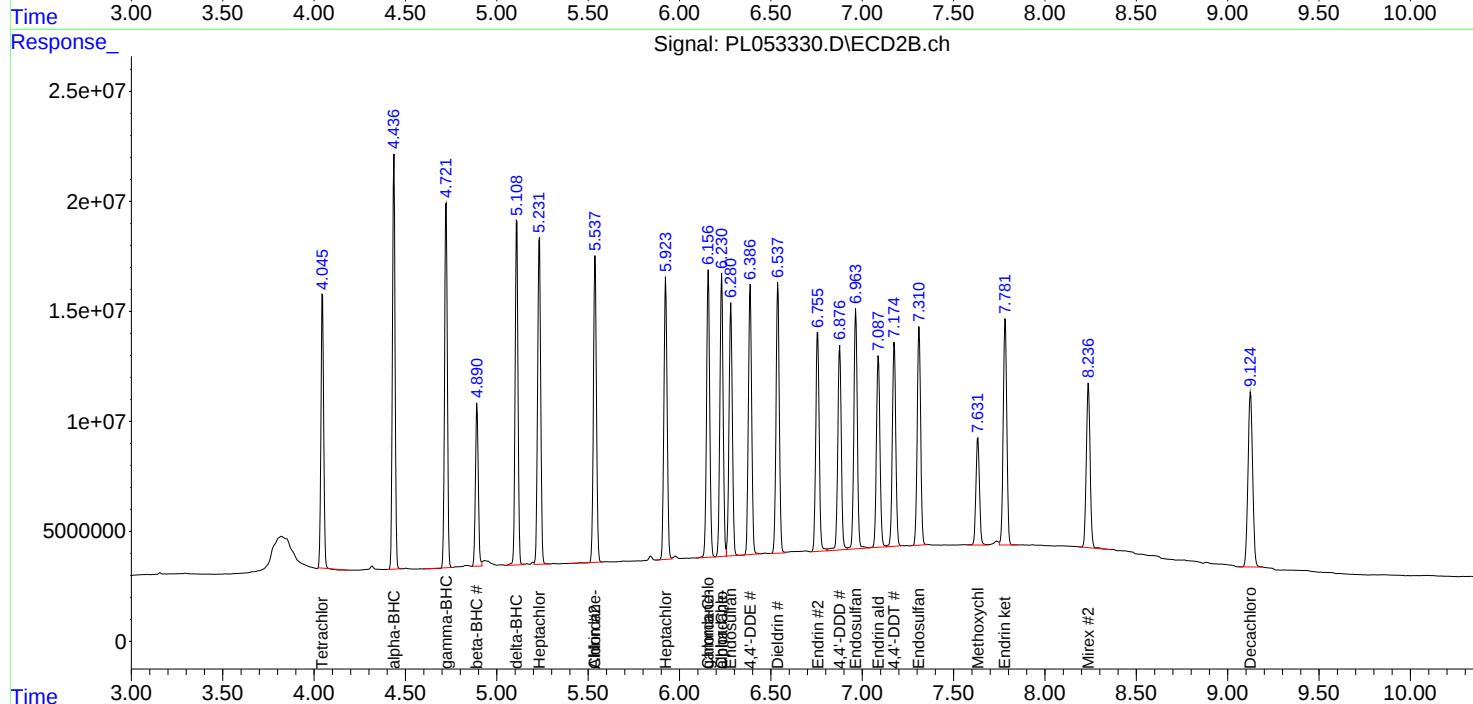
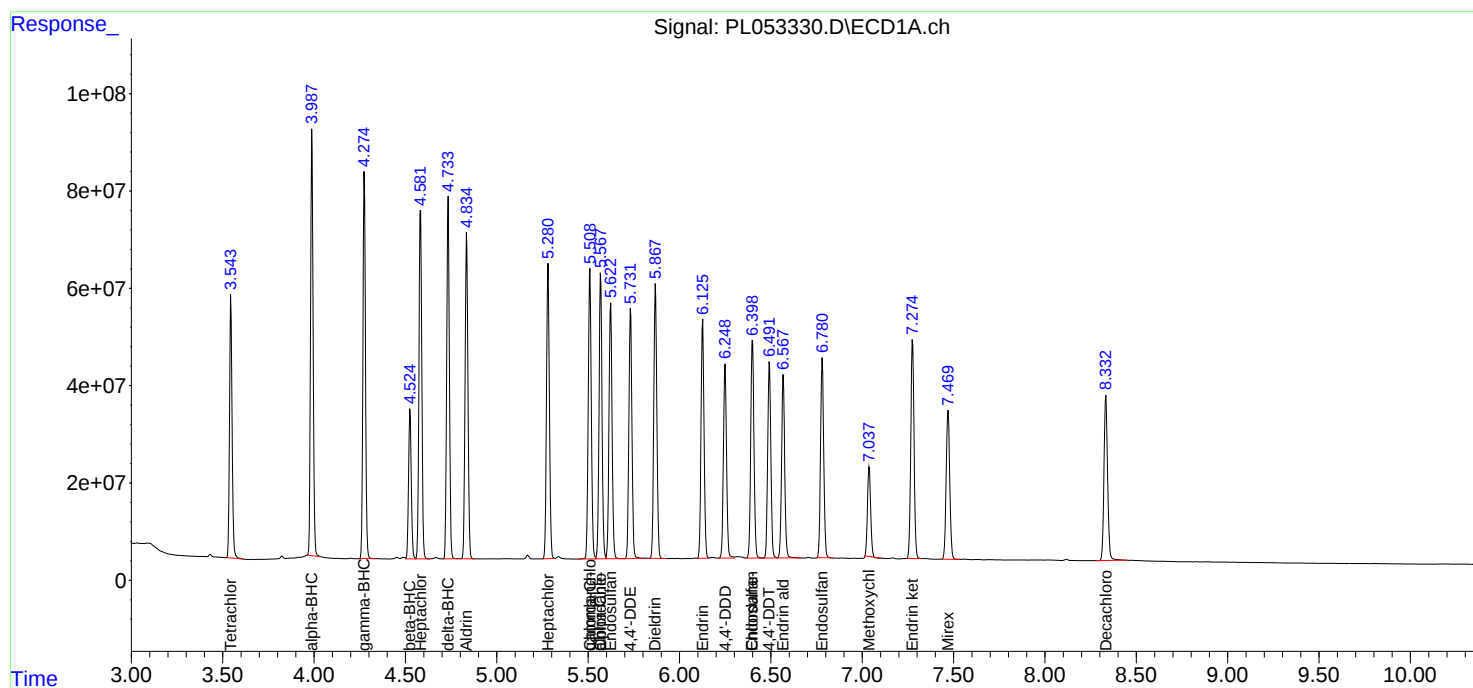
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

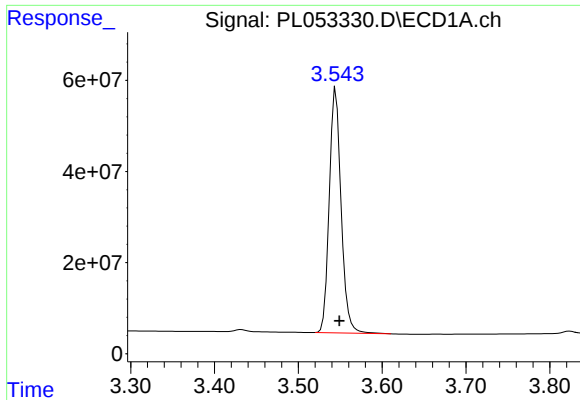
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101519\  
Data File : PL053330.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Oct 2019 21:00  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 15 00:58:07 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

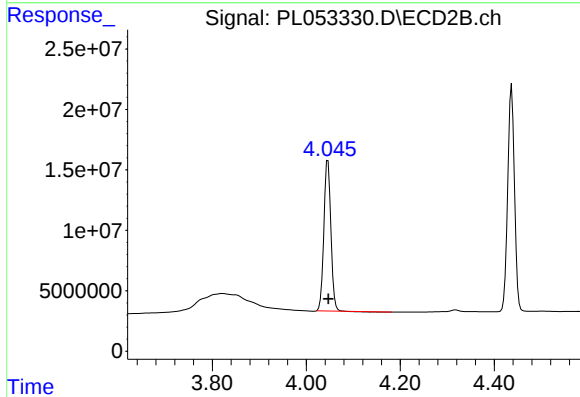




#1 Tetrachloro-m-xylene

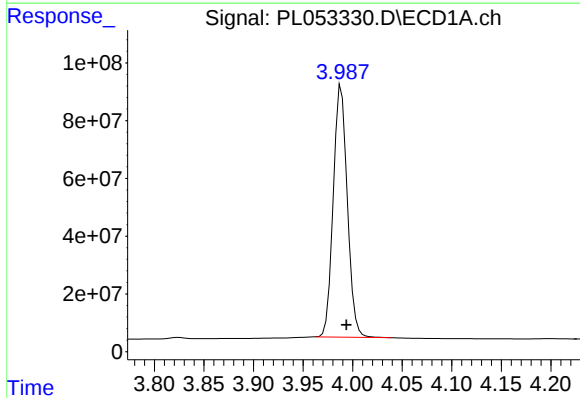
R.T.: 3.545 min  
Delta R.T.: -0.004 min  
Response: 525792546  
Conc: 52.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



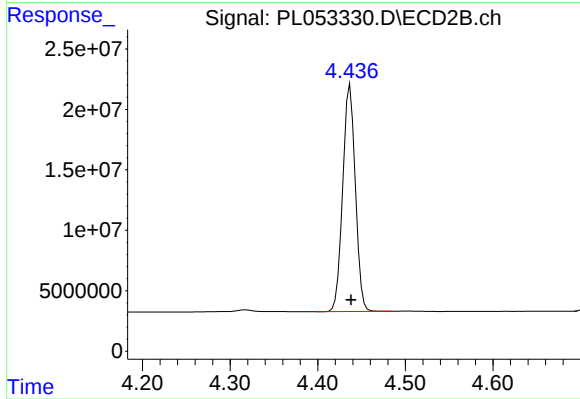
#1 Tetrachloro-m-xylene

R.T.: 4.046 min  
Delta R.T.: -0.001 min  
Response: 127874799  
Conc: 47.62 ng/ml



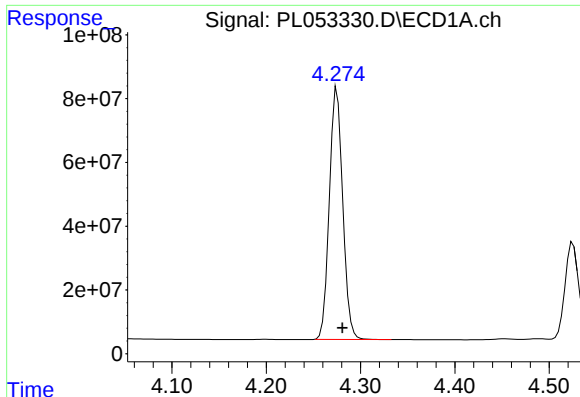
#2 alpha-BHC

R.T.: 3.989 min  
Delta R.T.: -0.005 min  
Response: 860214907  
Conc: 53.93 ng/ml



#2 alpha-BHC

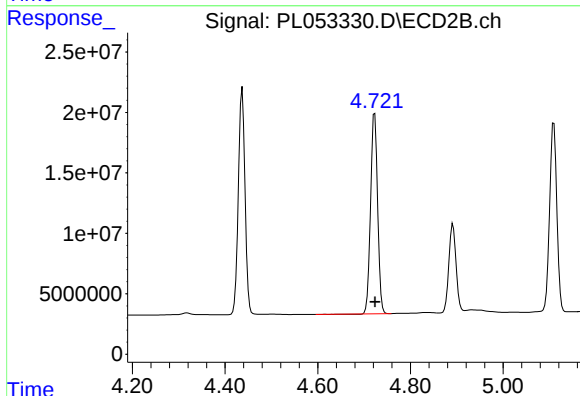
R.T.: 4.437 min  
Delta R.T.: -0.001 min  
Response: 187909474  
Conc: 48.93 ng/ml



#3 gamma-BHC (Lindane)

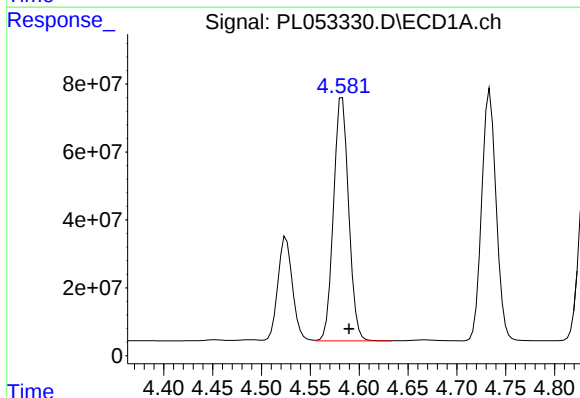
R.T.: 4.275 min  
Delta R.T.: -0.006 min  
Response: 778046596  
Conc: 53.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



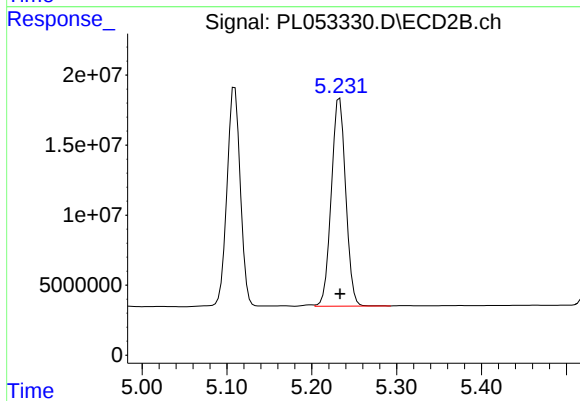
#3 gamma-BHC (Lindane)

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 174450178  
Conc: 48.17 ng/ml



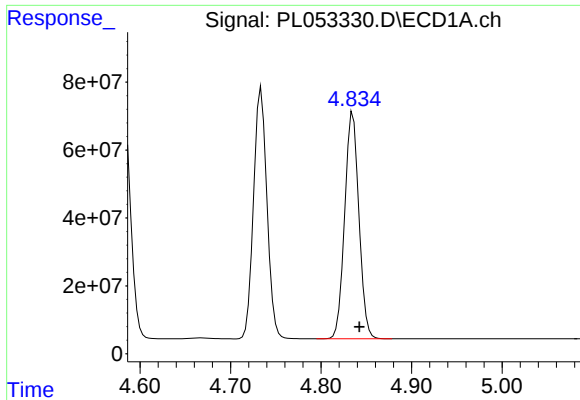
#4 Heptachlor

R.T.: 4.583 min  
Delta R.T.: -0.007 min  
Response: 774071449  
Conc: 51.81 ng/ml



#4 Heptachlor

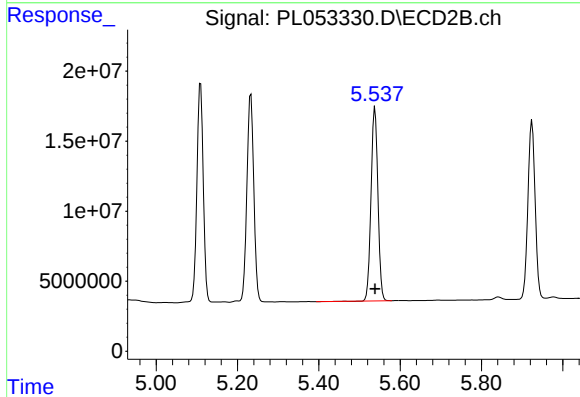
R.T.: 5.233 min  
Delta R.T.: 0.000 min  
Response: 174834063  
Conc: 45.88 ng/ml



#5 Aldrin

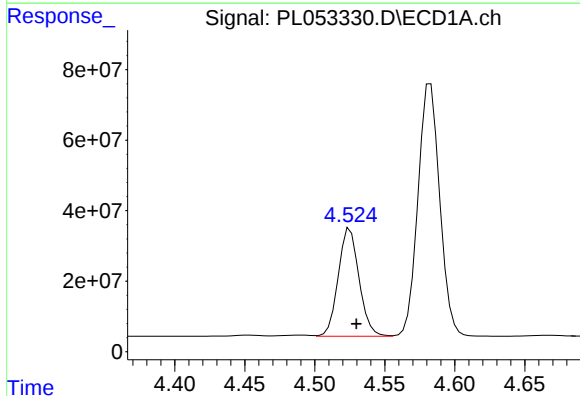
R.T.: 4.835 min  
Delta R.T.: -0.007 min  
Response: 730353244  
Conc: 53.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



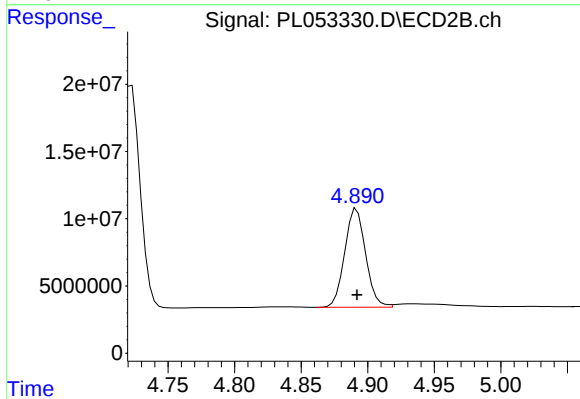
#5 Aldrin

R.T.: 5.538 min  
Delta R.T.: 0.000 min  
Response: 162176225  
Conc: 46.80 ng/ml



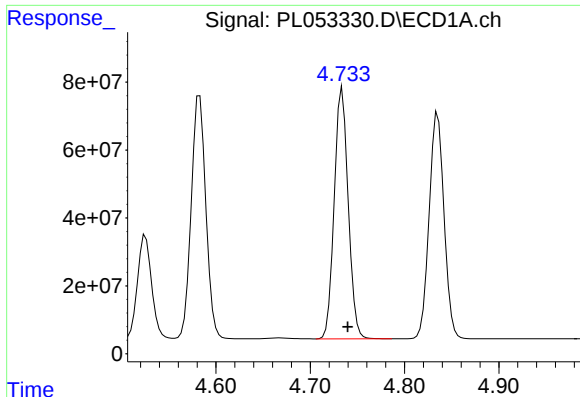
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: -0.005 min  
Response: 317358150  
Conc: 51.12 ng/ml



#6 beta-BHC

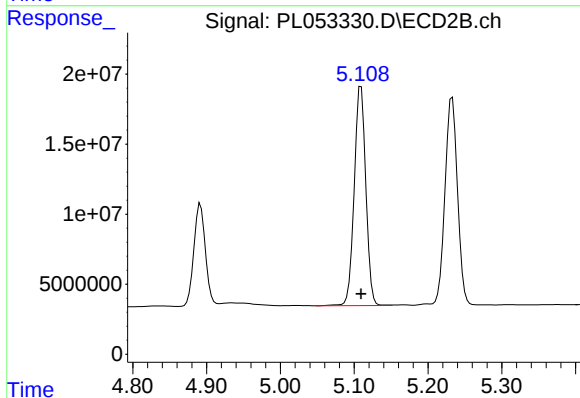
R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 80323046  
Conc: 51.10 ng/ml



#7 delta-BHC

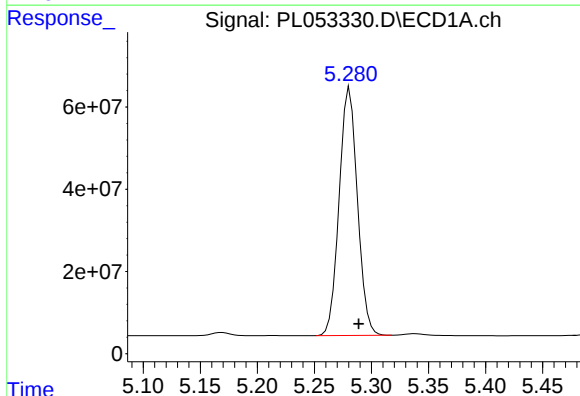
R.T.: 4.734 min  
Delta R.T.: -0.006 min  
Response: 760032361  
Conc: 53.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



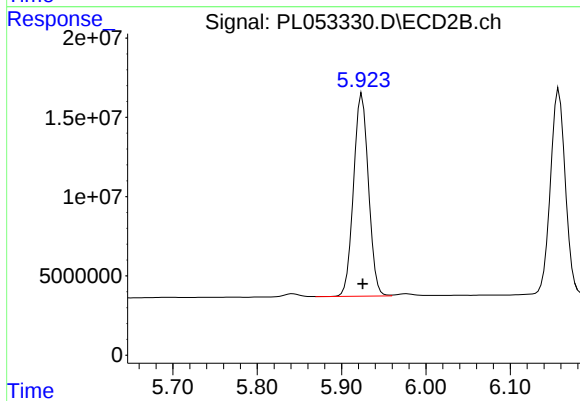
#7 delta-BHC

R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 171405416  
Conc: 47.35 ng/ml



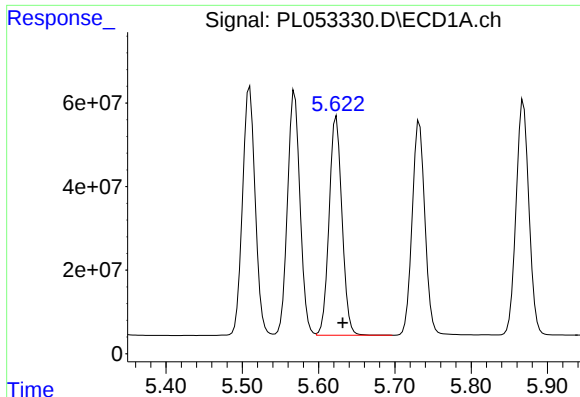
#8 Heptachlor epoxide

R.T.: 5.281 min  
Delta R.T.: -0.008 min  
Response: 672470717  
Conc: 51.61 ng/ml



#8 Heptachlor epoxide

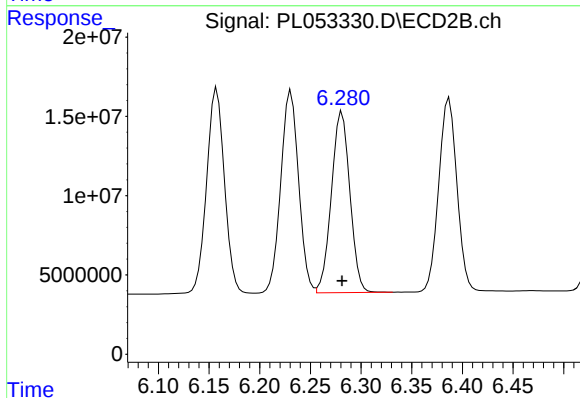
R.T.: 5.924 min  
Delta R.T.: 0.000 min  
Response: 156849772  
Conc: 46.80 ng/ml



#9 Endosulfan I

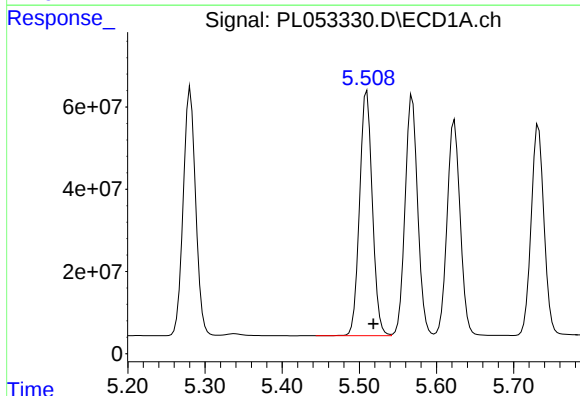
R.T.: 5.623 min  
Delta R.T.: -0.008 min  
Response: 613992432  
Conc: 50.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



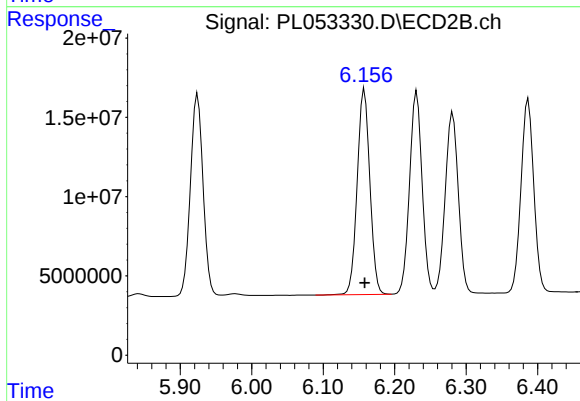
#9 Endosulfan I

R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 145231460  
Conc: 46.46 ng/ml



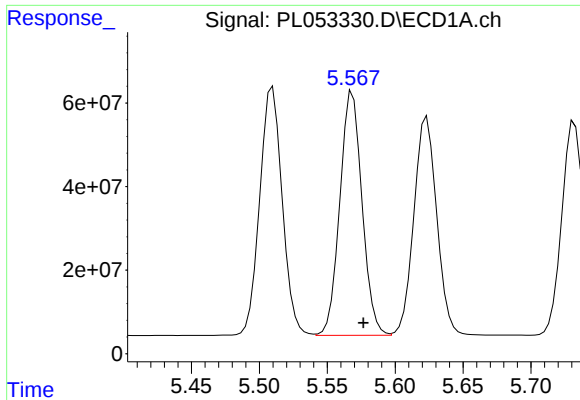
#10 gamma-Chlordane

R.T.: 5.510 min  
Delta R.T.: -0.008 min  
Response: 685930524  
Conc: 51.01 ng/ml



#10 gamma-Chlordane

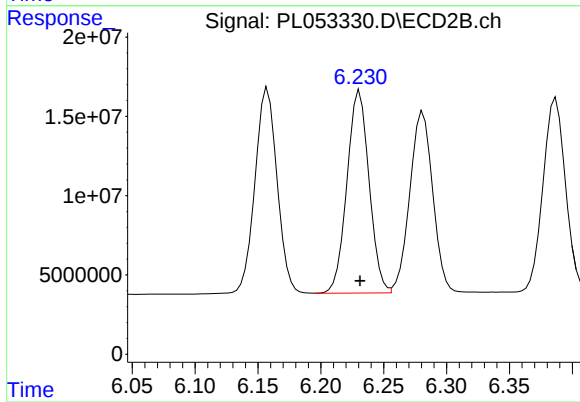
R.T.: 6.158 min  
Delta R.T.: 0.000 min  
Response: 159094462  
Conc: 47.03 ng/ml



#11 alpha-Chlordane

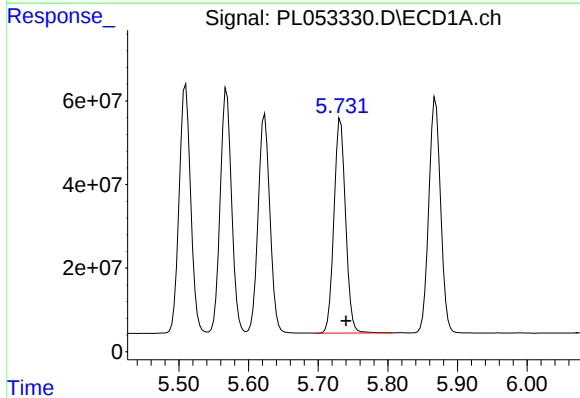
R.T.: 5.569 min  
Delta R.T.: -0.008 min  
Response: 664392430  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



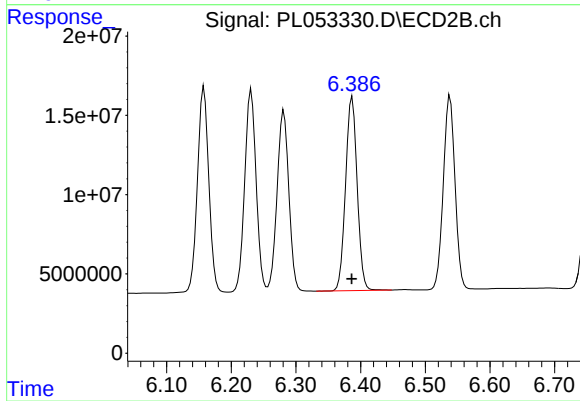
#11 alpha-Chlordane

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 156473220  
Conc: 46.49 ng/ml



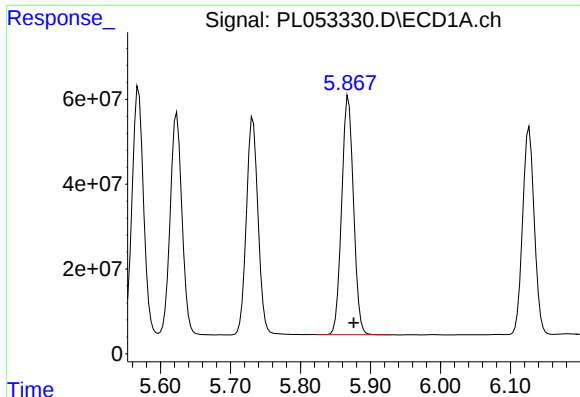
#12 4,4'-DDE

R.T.: 5.732 min  
Delta R.T.: -0.008 min  
Response: 595287792  
Conc: 51.29 ng/ml



#12 4,4'-DDE

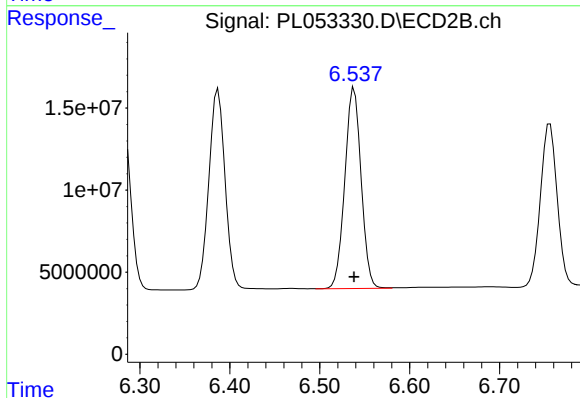
R.T.: 6.387 min  
Delta R.T.: 0.000 min  
Response: 152528347  
Conc: 46.70 ng/ml



#13 Dieldrin

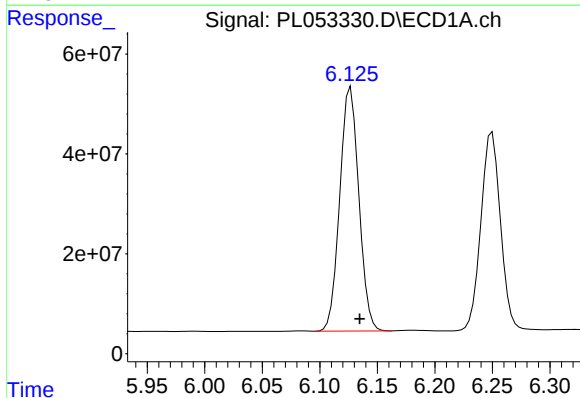
R.T.: 5.869 min  
Delta R.T.: -0.008 min  
Response: 659620955  
Conc: 51.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



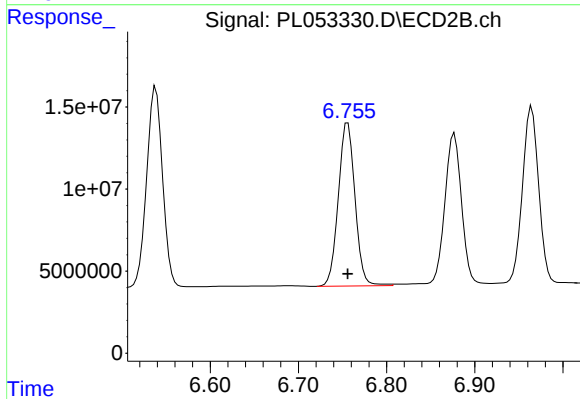
#13 Dieldrin

R.T.: 6.538 min  
Delta R.T.: 0.000 min  
Response: 153965755  
Conc: 47.20 ng/ml



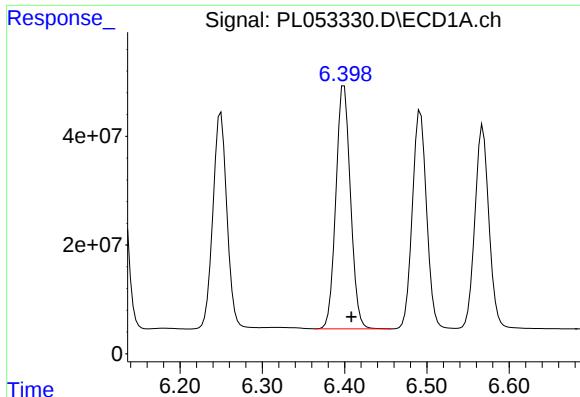
#14 Endrin

R.T.: 6.127 min  
Delta R.T.: -0.008 min  
Response: 565683224  
Conc: 49.66 ng/ml



#14 Endrin

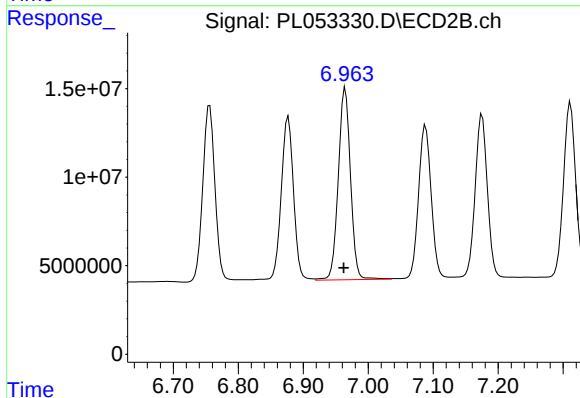
R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 130902301  
Conc: 47.14 ng/ml



#15 Endosulfan II

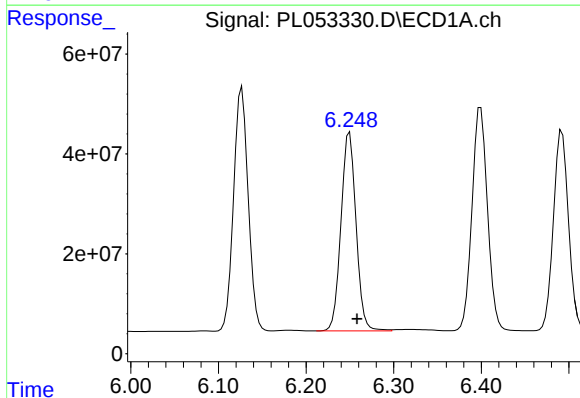
R.T.: 6.399 min  
Delta R.T.: -0.009 min  
Response: 552553776  
Conc: 48.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



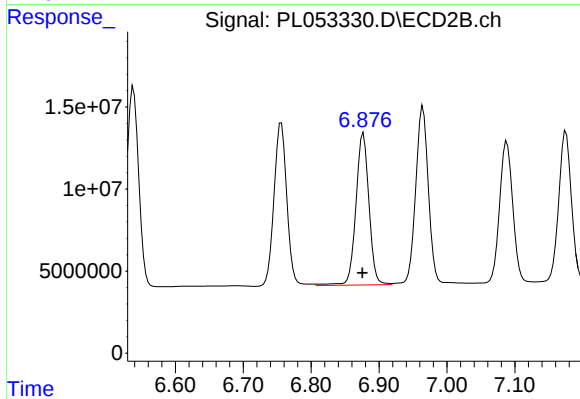
#15 Endosulfan II

R.T.: 6.965 min  
Delta R.T.: 0.002 min  
Response: 141304492  
Conc: 47.63 ng/ml



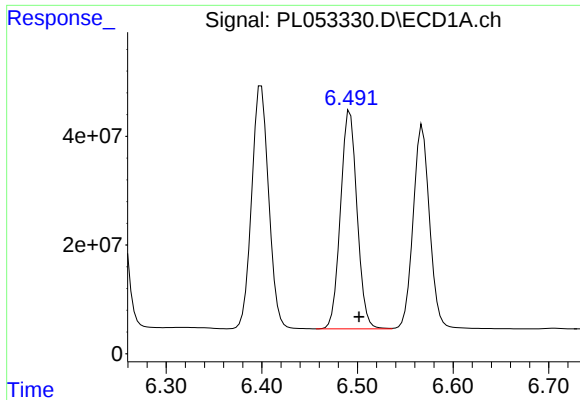
#16 4,4'-DDD

R.T.: 6.250 min  
Delta R.T.: -0.009 min  
Response: 475481897  
Conc: 52.90 ng/ml



#16 4,4'-DDD

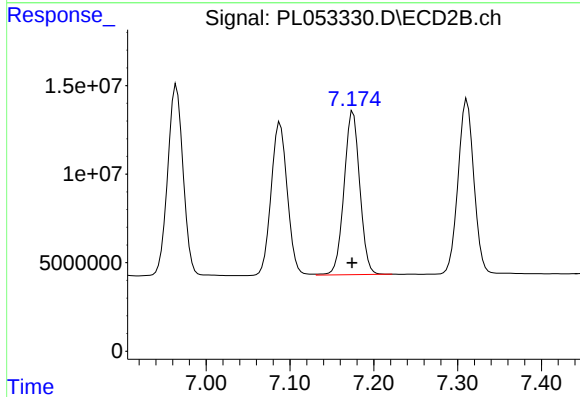
R.T.: 6.877 min  
Delta R.T.: 0.001 min  
Response: 123710546  
Conc: 50.44 ng/ml



#17 4,4'-DDT

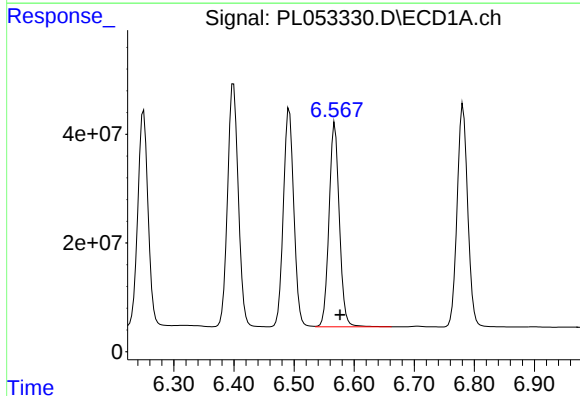
R.T.: 6.492 min  
Delta R.T.: -0.010 min  
Response: 484050764  
Conc: 47.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



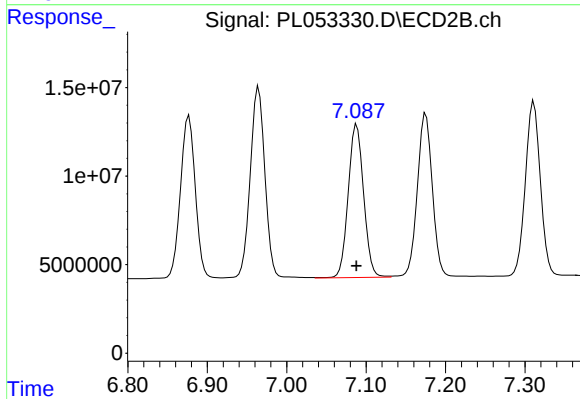
#17 4,4'-DDT

R.T.: 7.175 min  
Delta R.T.: 0.001 min  
Response: 120706871  
Conc: 46.38 ng/ml



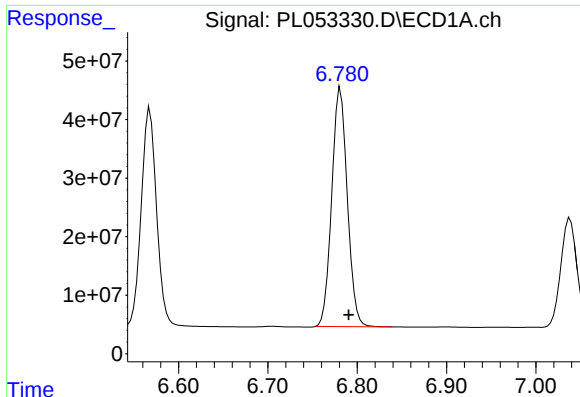
#18 Endrin aldehyde

R.T.: 6.568 min  
Delta R.T.: -0.009 min  
Response: 448031578  
Conc: 47.71 ng/ml



#18 Endrin aldehyde

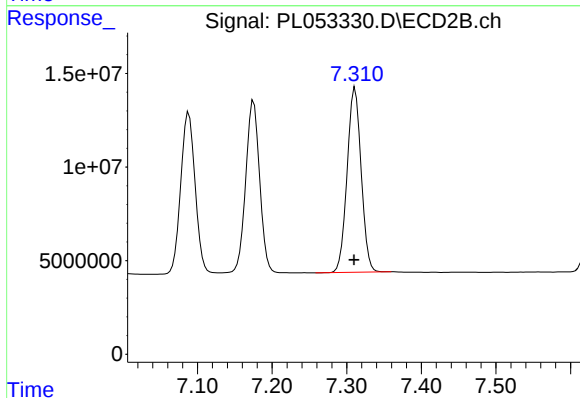
R.T.: 7.088 min  
Delta R.T.: 0.000 min  
Response: 116628385  
Conc: 47.55 ng/ml



#19 Endosulfan Sulfate

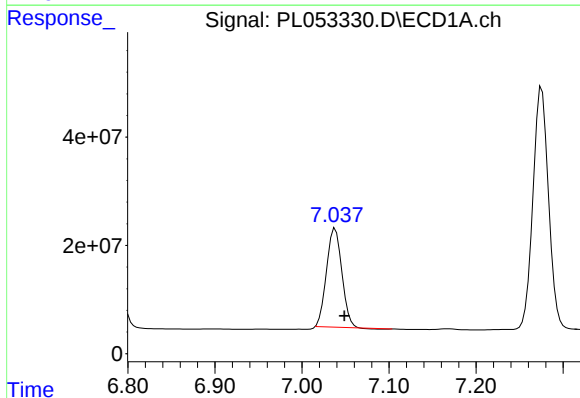
R.T.: 6.781 min  
Delta R.T.: -0.009 min  
Response: 494346218  
Conc: 47.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



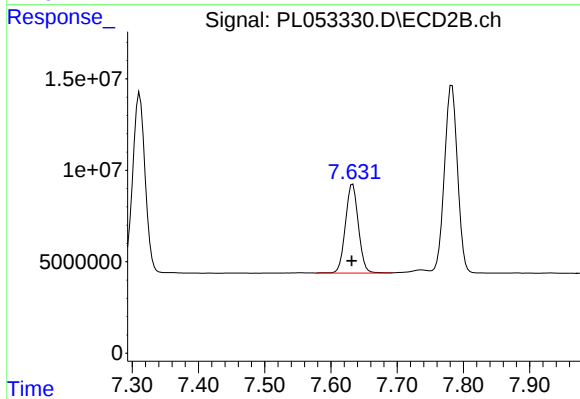
#19 Endosulfan Sulfate

R.T.: 7.311 min  
Delta R.T.: 0.001 min  
Response: 128853533  
Conc: 47.19 ng/ml



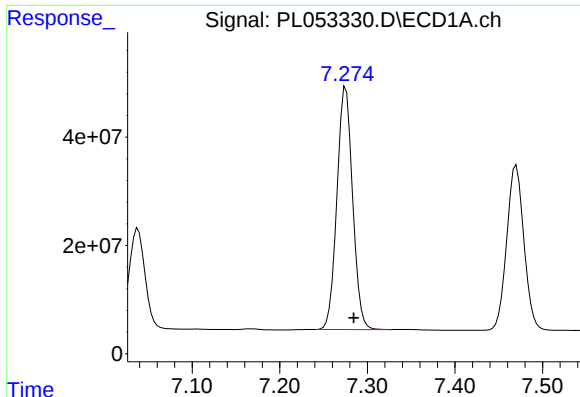
#20 Methoxychlor

R.T.: 7.038 min  
Delta R.T.: -0.010 min  
Response: 222422467  
Conc: 43.12 ng/ml



#20 Methoxychlor

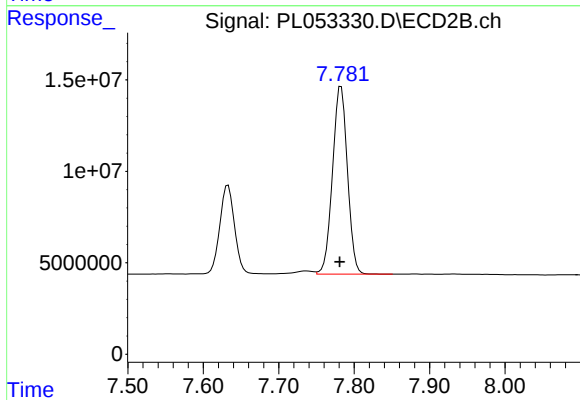
R.T.: 7.633 min  
Delta R.T.: 0.002 min  
Response: 66465760  
Conc: 47.21 ng/ml



#21 Endrin ketone

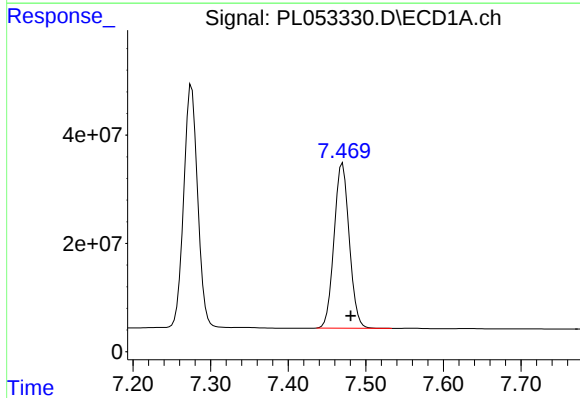
R.T.: 7.275 min  
Delta R.T.: -0.009 min  
Response: 558177408  
Conc: 47.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



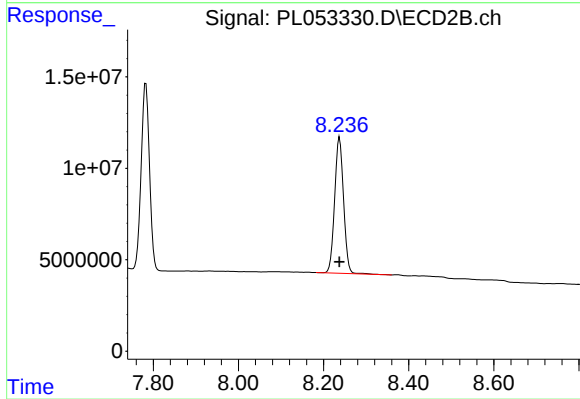
#21 Endrin ketone

R.T.: 7.783 min  
Delta R.T.: 0.002 min  
Response: 141184665  
Conc: 49.49 ng/ml



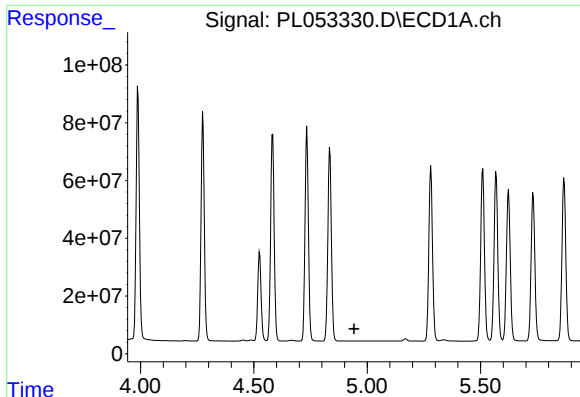
#22 Mirex

R.T.: 7.470 min  
Delta R.T.: -0.011 min  
Response: 414439325  
Conc: 43.89 ng/ml



#22 Mirex

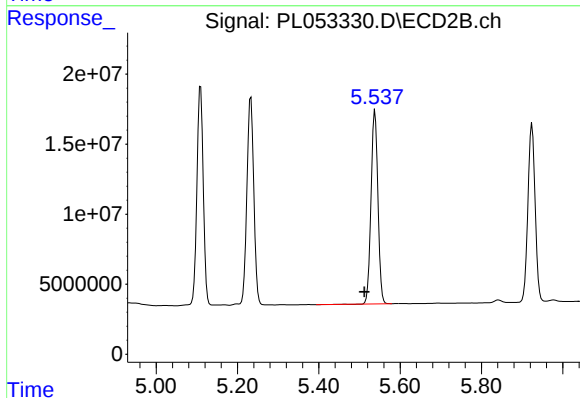
R.T.: 8.238 min  
Delta R.T.: 0.000 min  
Response: 108537549  
Conc: 48.26 ng/ml



#24 Chlordane-2

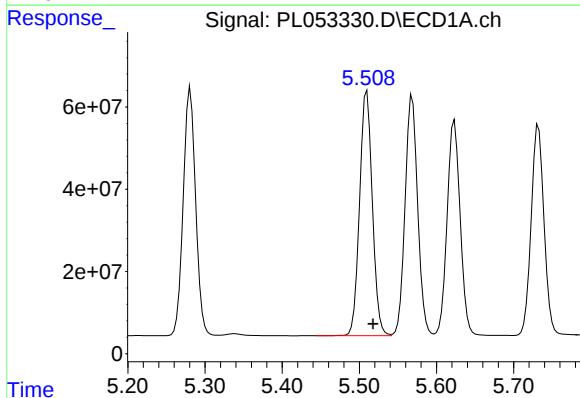
R.T.: 0.000 min  
Exp R.T.: 4.942 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



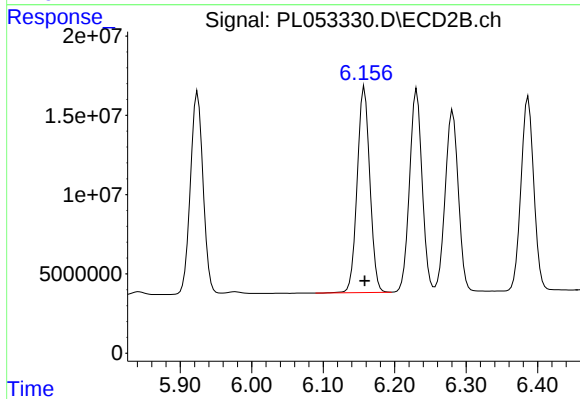
#24 Chlordane-2

R.T.: 5.538 min  
Delta R.T.: 0.026 min  
Response: 162176225  
Conc: 1449.01 ng/ml



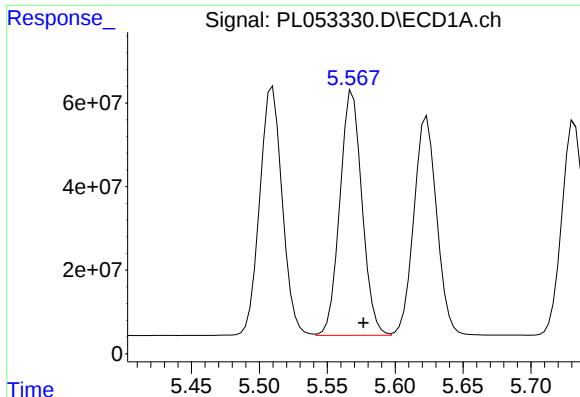
#25 Chlordane-3

R.T.: 5.510 min  
Delta R.T.: -0.008 min  
Response: 685930524  
Conc: 591.98 ng/ml



#25 Chlordane-3

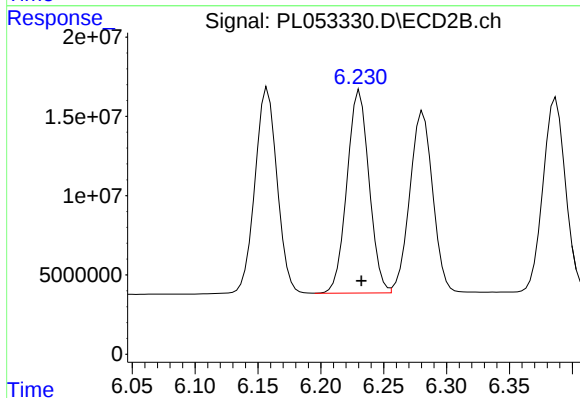
R.T.: 6.158 min  
Delta R.T.: 0.000 min  
Response: 159094462  
Conc: 365.31 ng/ml



#26 Chlordane-4

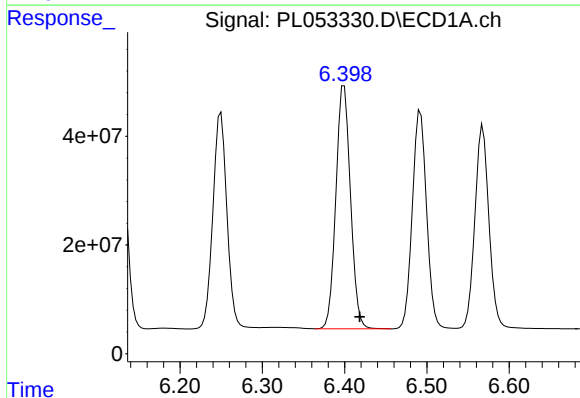
R.T.: 5.569 min  
Delta R.T.: -0.008 min  
Response: 664392430  
Conc: 696.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



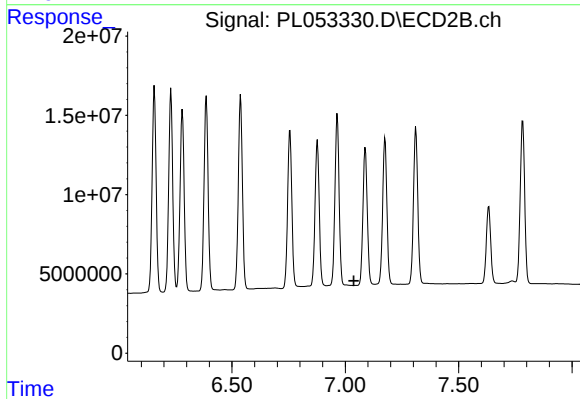
#26 Chlordane-4

R.T.: 6.231 min  
Delta R.T.: -0.001 min  
Response: 156473220  
Conc: 294.68 ng/ml



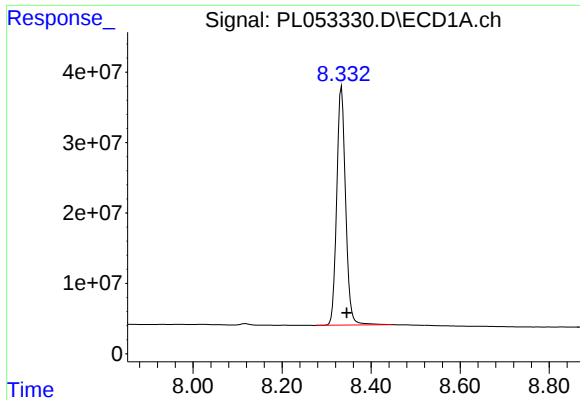
#27 Chlordane-5

R.T.: 6.399 min  
Delta R.T.: -0.019 min  
Response: 552553776  
Conc: 1400.88 ng/ml



#27 Chlordane-5

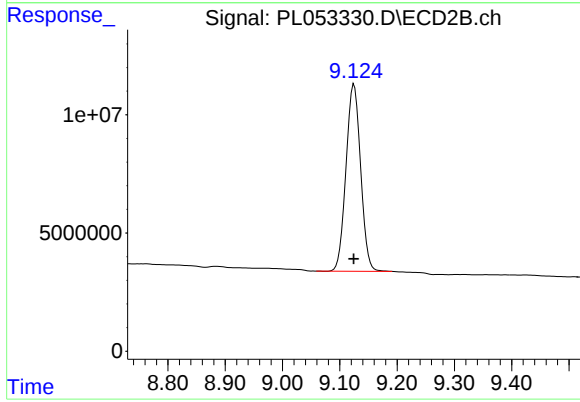
R.T.: 0.000 min  
Exp R.T.: 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.334 min  
Delta R.T.: -0.012 min  
Response: 468641511  
Conc: 46.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.125 min  
Delta R.T.: 0.000 min  
Response: 140969654  
Conc: 48.05 ng/ml