

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100219\  
 Data File : PL052985.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Oct 2019 12:01  
 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 03 01:09:44 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 | 4.048  | 542.0E6 | 141.4E6  | 54.486   | 52.642     |
| 28)                         | SA Decachlor... | 8.345 | 9.127  | 432.6E6 | 141.5E6  | 43.192   | 48.249     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.994 | 4.439  | 887.0E6 | 207.2E6  | 55.610   | 53.967     |
| 3)                          | MA gamma-BHC... | 4.281 | 4.724  | 786.3E6 | 191.2E6  | 53.987   | 52.790     |
| 4)                          | MA Heptachlor   | 4.590 | 5.235  | 776.6E6 | 194.1E6  | 51.975   | 50.937     |
| 5)                          | MB Aldrin       | 4.842 | 5.540  | 744.6E6 | 180.4E6  | 54.131   | 52.068     |
| 6)                          | B beta-BHC      | 4.530 | 4.893  | 322.0E6 | 88593837 | 51.868   | 56.364     |
| 7)                          | B delta-BHC     | 4.740 | 5.111  | 786.6E6 | 192.6E6  | 54.895   | 53.215     |
| 8)                          | B Heptachlo...  | 5.288 | 5.926  | 674.1E6 | 182.0E6  | 51.730   | 54.301     |
| 9)                          | A Endosulfan I  | 5.631 | 6.283  | 615.8E6 | 155.1E6  | 50.747   | 49.619     |
| 10)                         | B gamma-Chl...  | 5.517 | 6.160  | 696.2E6 | 171.0E6  | 51.769   | 50.536     |
| 11)                         | B alpha-Chl...  | 5.577 | 6.232  | 668.6E6 | 167.1E6  | 50.695   | 49.657     |
| 12)                         | B 4,4'-DDE      | 5.740 | 6.388  | 622.9E6 | 165.7E6  | 53.671   | 50.732     |
| 13)                         | MA Dieldrin     | 5.877 | 6.540  | 666.1E6 | 165.7E6  | 51.600   | 50.811     |
| 14)                         | MA Endrin       | 6.135 | 6.757  | 547.6E6 | 125.7E6  | 48.075   | 45.251     |
| 15)                         | B Endosulfa...  | 6.407 | 6.966  | 554.8E6 | 146.8E6  | 48.413   | 49.486     |
| 16)                         | A 4,4'-DDD      | 6.258 | 6.878  | 499.9E6 | 131.7E6  | 55.614   | 53.691     |
| 17)                         | MA 4,4'-DDT     | 6.501 | 7.176  | 474.1E6 | 119.4E6  | 46.424   | 45.860     |
| 18)                         | B Endrin al...  | 6.576 | 7.089  | 436.8E6 | 117.7E6  | 46.512   | 47.985     |
| 19)                         | B Endosulfa...  | 6.790 | 7.312  | 483.8E6 | 129.1E6  | 46.477   | 47.284     |
| 20)                         | A Methoxychlor  | 7.047 | 7.634  | 229.5E6 | 68722407 | 44.486   | 48.811     |
| 21)                         | B Endrin ke...  | 7.284 | 7.783  | 534.1E6 | 142.0E6  | 45.825   | 49.782     |
| 22)                         | Mirex           | 7.480 | 8.239  | 389.6E6 | 105.3E6  | 41.259   | 46.803     |
| 24)                         | Chlordane-2     | 0.000 | 5.540f | 0       | 180.4E6  | N.D.     | 1612.278 # |
| 25)                         | Chlordane-3     | 5.517 | 6.160  | 696.2E6 | 171.0E6  | 600.842  | 392.568 #  |
| 26)                         | Chlordane-4     | 5.577 | 6.232  | 668.6E6 | 167.1E6  | 700.570  | 314.772 #  |
| 27)                         | Chlordane-5     | 6.407 | 0.000  | 554.8E6 | 0        | 1406.557 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

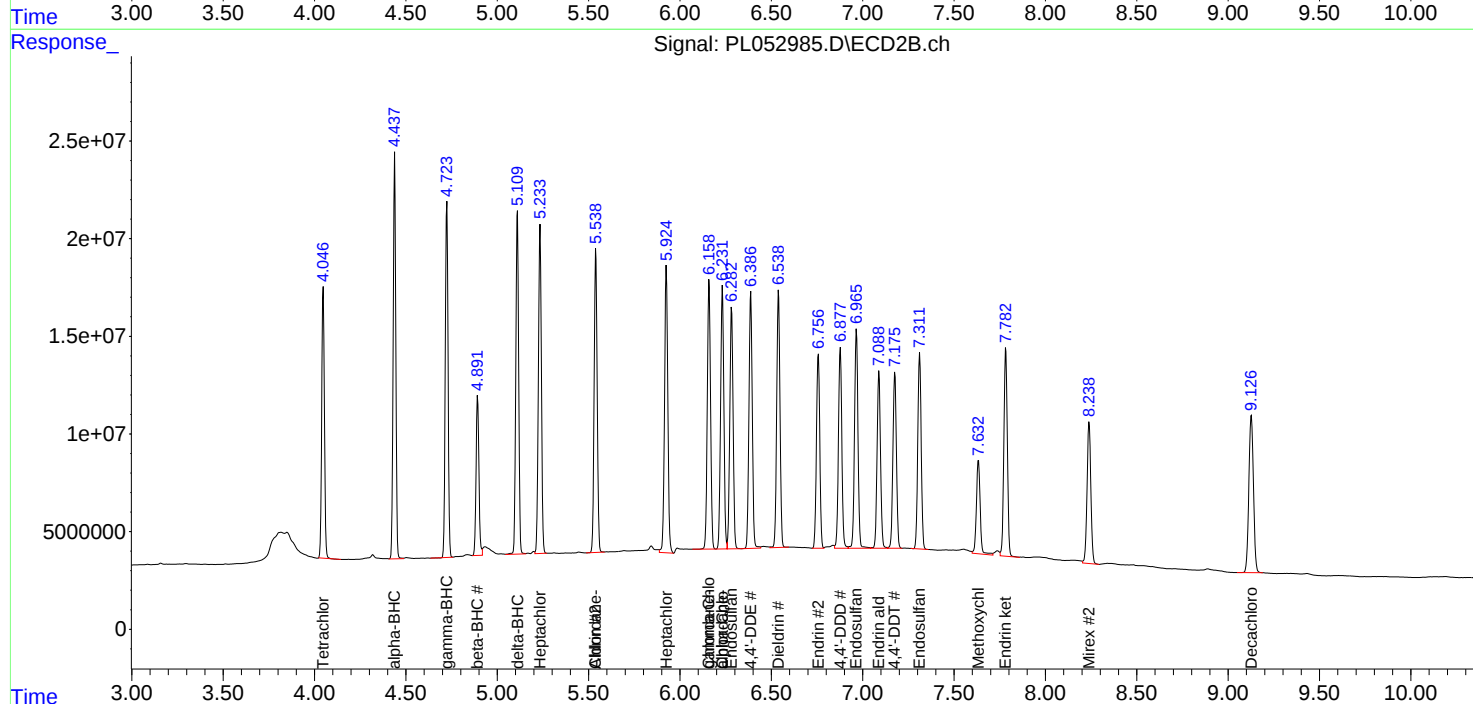
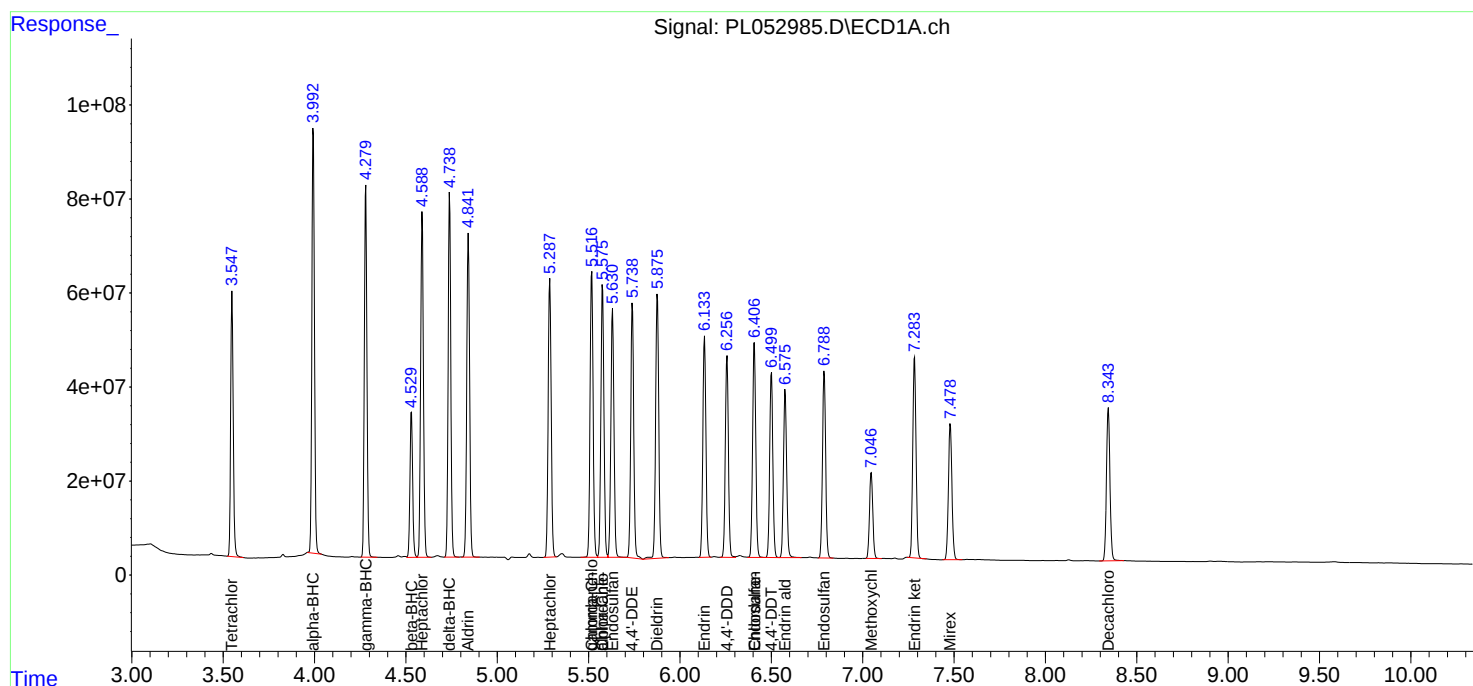
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

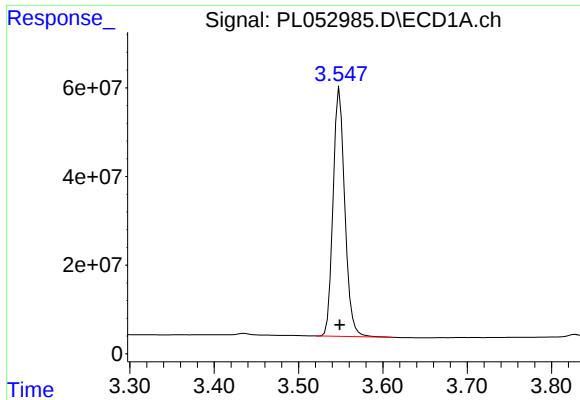
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100219\  
Data File : PL052985.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Oct 2019 12:01  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 03 01:09:44 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

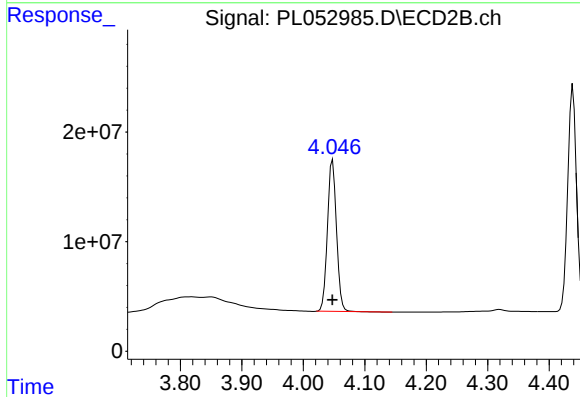




#1 Tetrachloro-m-xylene

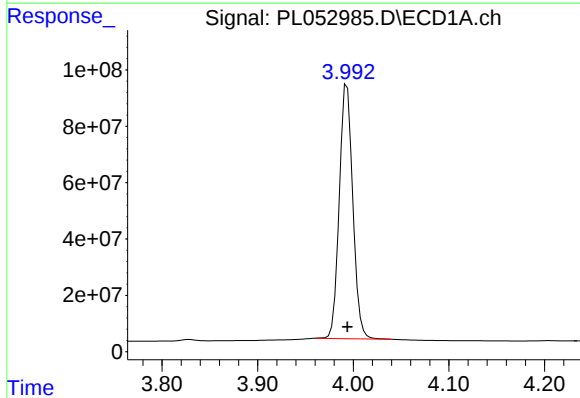
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 541957873  
Conc: 54.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



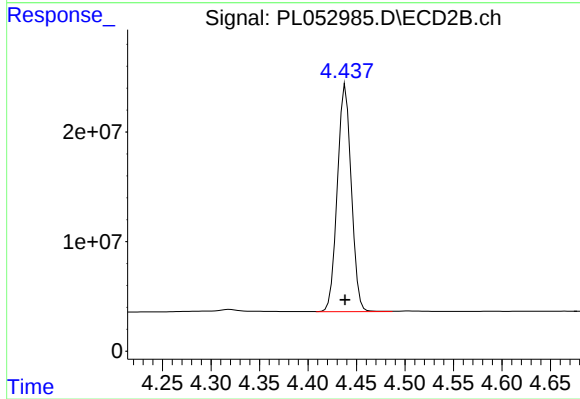
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.000 min  
Response: 141355606  
Conc: 52.64 ng/ml



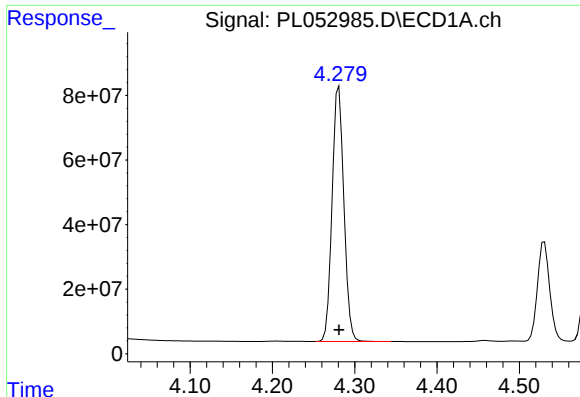
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.000 min  
Response: 887004424  
Conc: 55.61 ng/ml



#2 alpha-BHC

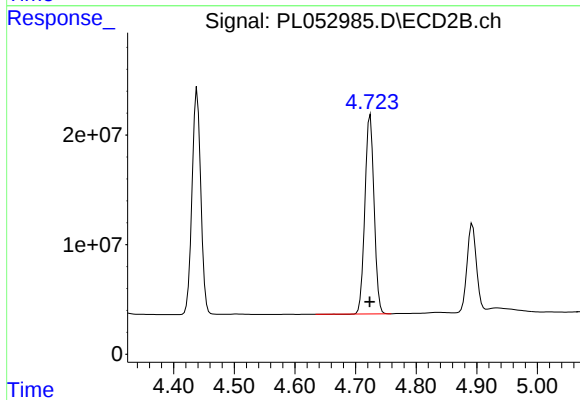
R.T.: 4.439 min  
Delta R.T.: 0.000 min  
Response: 207234308  
Conc: 53.97 ng/ml



#3 gamma-BHC (Lindane)

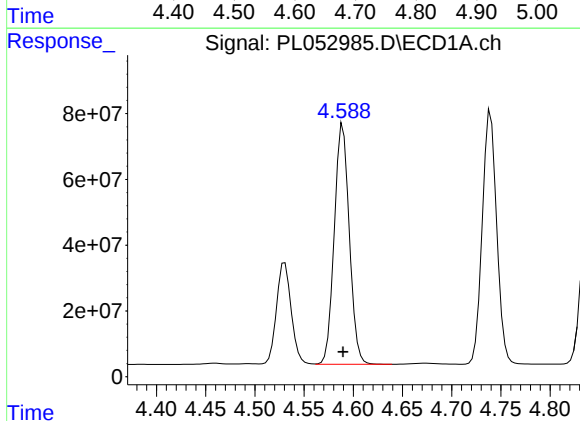
R.T.: 4.281 min  
Delta R.T.: 0.000 min  
Response: 786295617  
Conc: 53.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



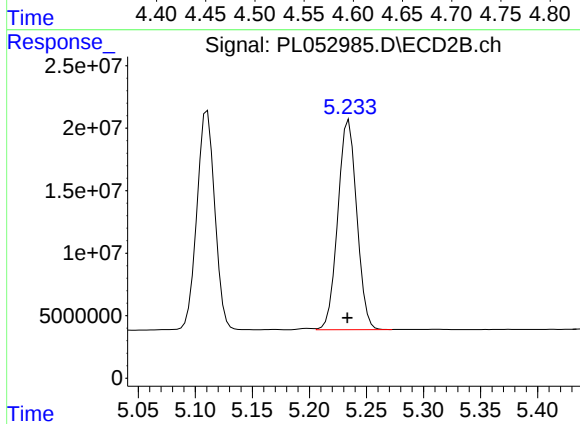
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: 0.001 min  
Response: 191161185  
Conc: 52.79 ng/ml



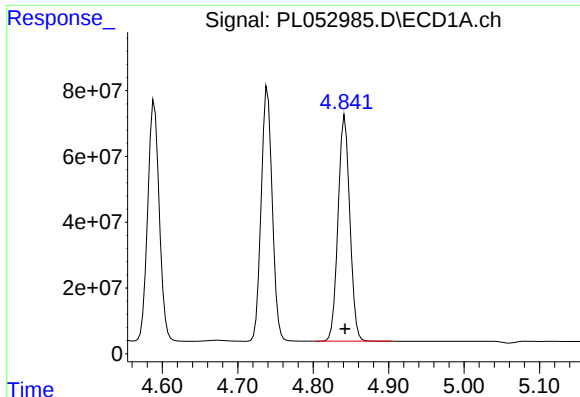
#4 Heptachlor

R.T.: 4.590 min  
Delta R.T.: 0.000 min  
Response: 776608627  
Conc: 51.97 ng/ml



#4 Heptachlor

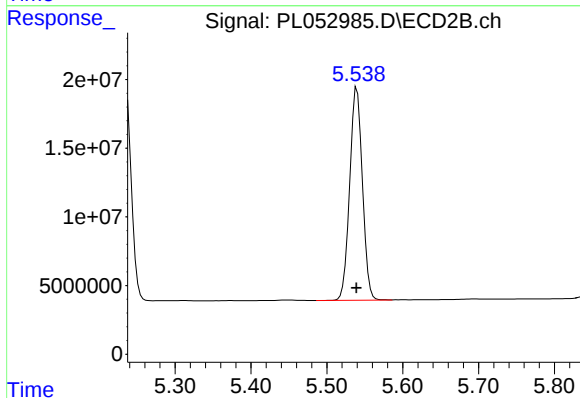
R.T.: 5.235 min  
Delta R.T.: 0.001 min  
Response: 194107859  
Conc: 50.94 ng/ml



#5 Aldrin

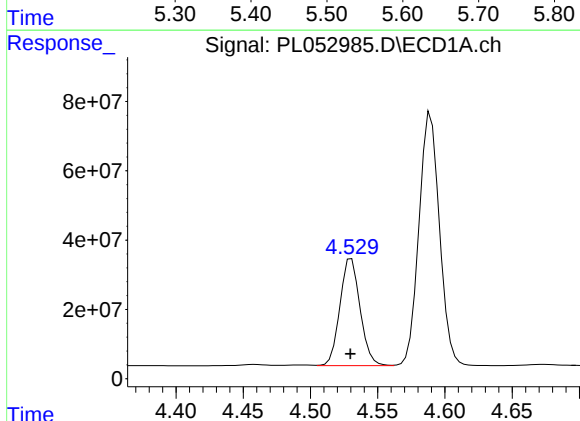
R.T.: 4.842 min  
Delta R.T.: 0.000 min  
Response: 744589162  
Conc: 54.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



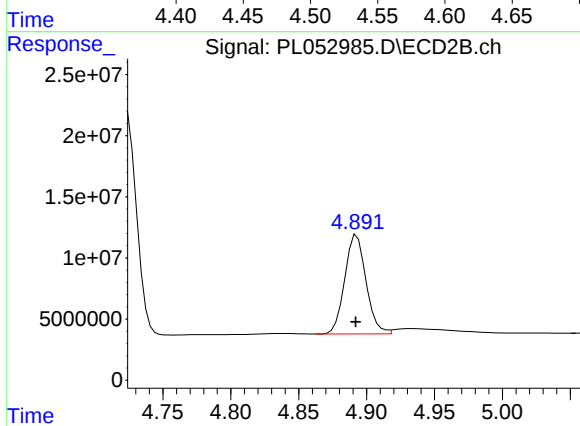
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: 0.000 min  
Response: 180449968  
Conc: 52.07 ng/ml



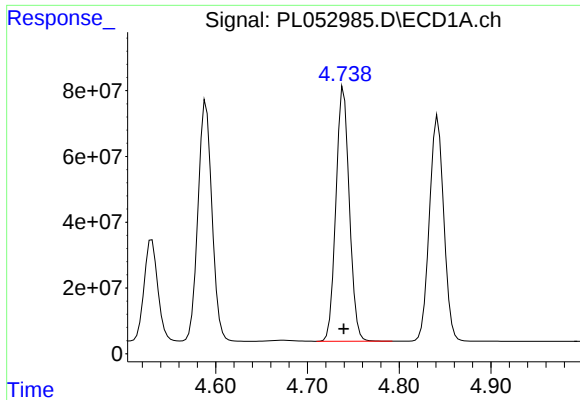
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 322024093  
Conc: 51.87 ng/ml



#6 beta-BHC

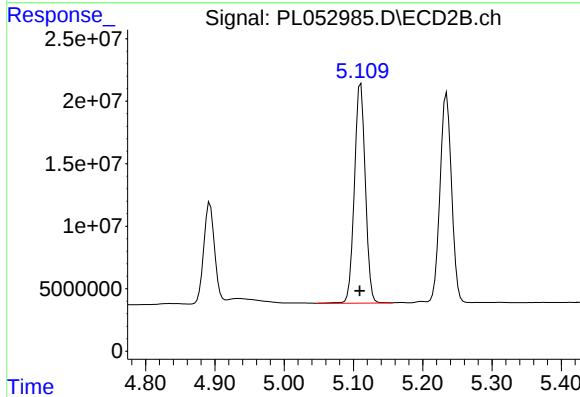
R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 88593837  
Conc: 56.36 ng/ml



#7 delta-BHC

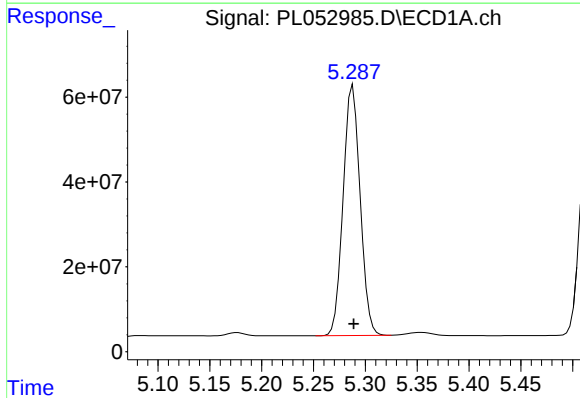
R.T.: 4.740 min  
Delta R.T.: 0.000 min  
Response: 786603581  
Conc: 54.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



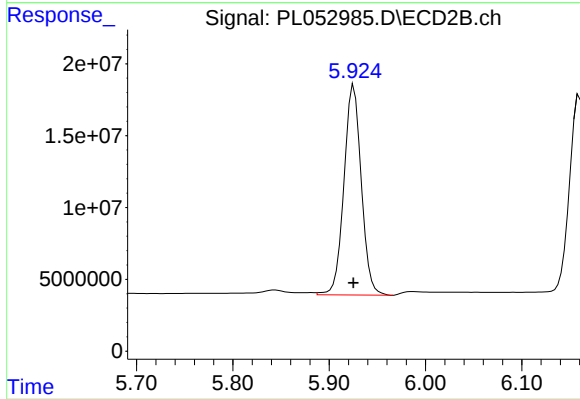
#7 delta-BHC

R.T.: 5.111 min  
Delta R.T.: 0.001 min  
Response: 192630979  
Conc: 53.21 ng/ml



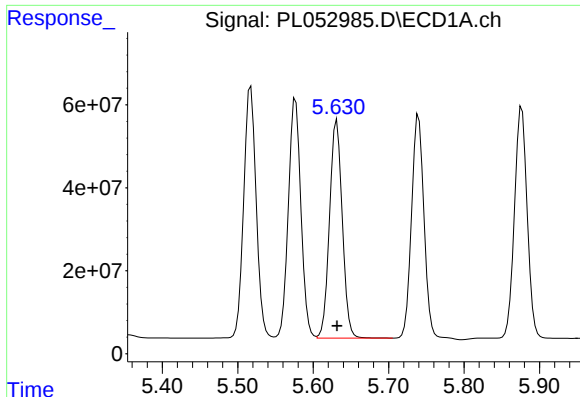
#8 Heptachlor epoxide

R.T.: 5.288 min  
Delta R.T.: 0.000 min  
Response: 674092502  
Conc: 51.73 ng/ml



#8 Heptachlor epoxide

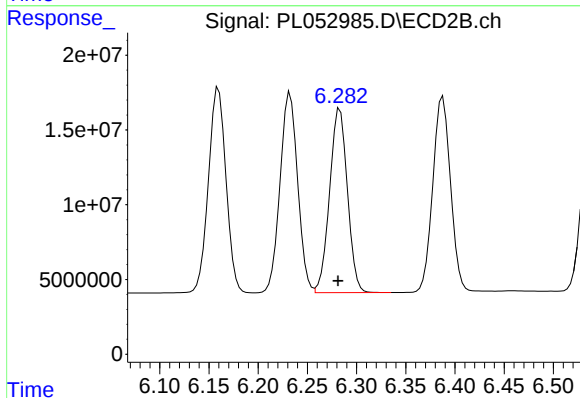
R.T.: 5.926 min  
Delta R.T.: 0.000 min  
Response: 181991150  
Conc: 54.30 ng/ml



#9 Endosulfan I

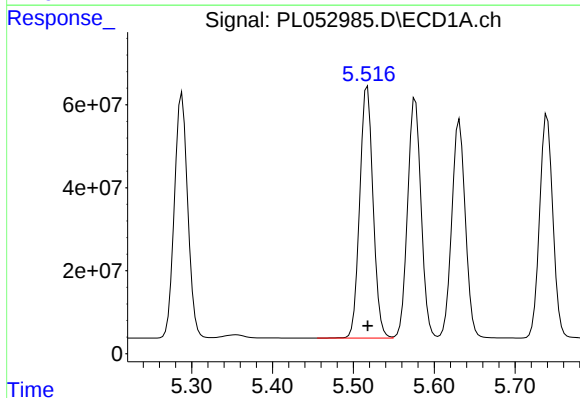
R.T.: 5.631 min  
Delta R.T.: 0.000 min  
Response: 615849509  
Conc: 50.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



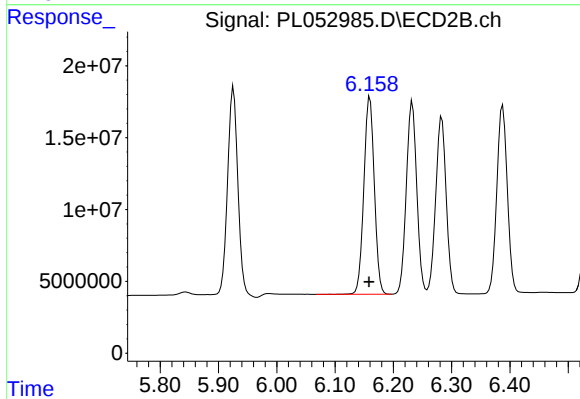
#9 Endosulfan I

R.T.: 6.283 min  
Delta R.T.: 0.002 min  
Response: 155095737  
Conc: 49.62 ng/ml



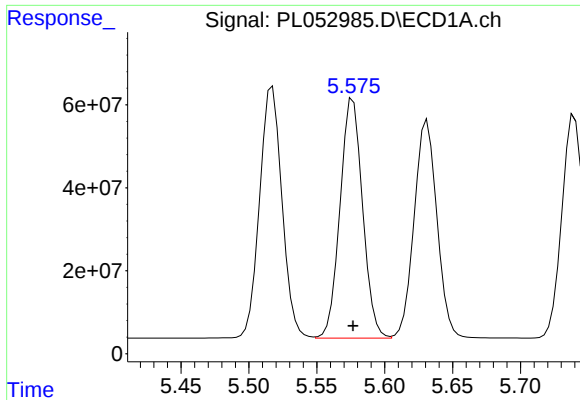
#10 gamma-Chlordane

R.T.: 5.517 min  
Delta R.T.: 0.000 min  
Response: 696195643  
Conc: 51.77 ng/ml



#10 gamma-Chlordane

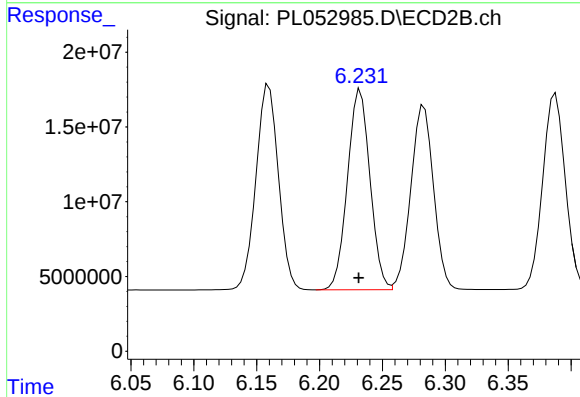
R.T.: 6.160 min  
Delta R.T.: 0.001 min  
Response: 170967084  
Conc: 50.54 ng/ml



#11 alpha-Chlordane

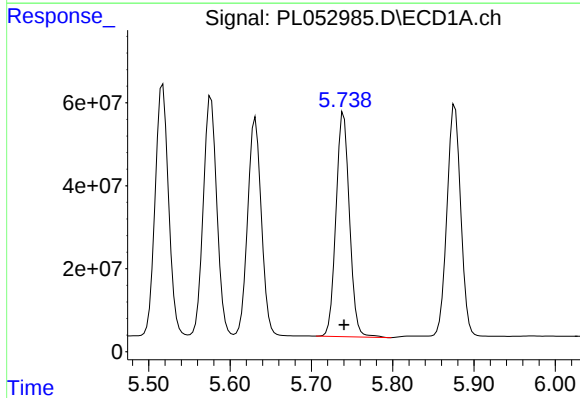
R.T.: 5.577 min  
Delta R.T.: 0.000 min  
Response: 668631907  
Conc: 50.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



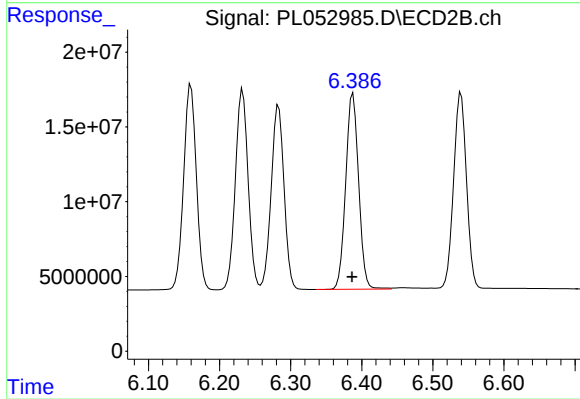
#11 alpha-Chlordane

R.T.: 6.232 min  
Delta R.T.: 0.001 min  
Response: 167143094  
Conc: 49.66 ng/ml



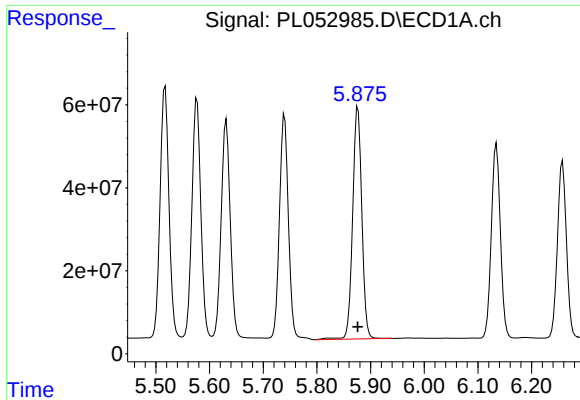
#12 4,4'-DDE

R.T.: 5.740 min  
Delta R.T.: 0.000 min  
Response: 622927072  
Conc: 53.67 ng/ml



#12 4,4'-DDE

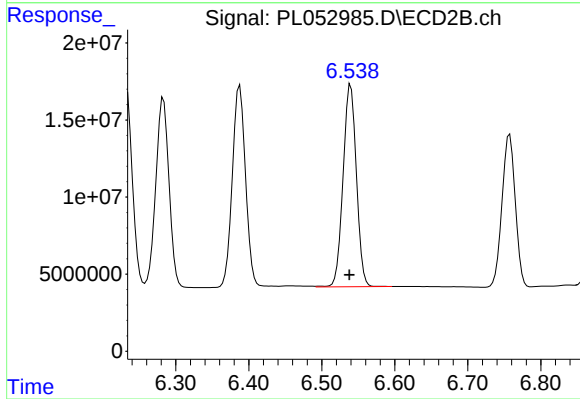
R.T.: 6.388 min  
Delta R.T.: 0.001 min  
Response: 165699086  
Conc: 50.73 ng/ml



#13 Dieldrin

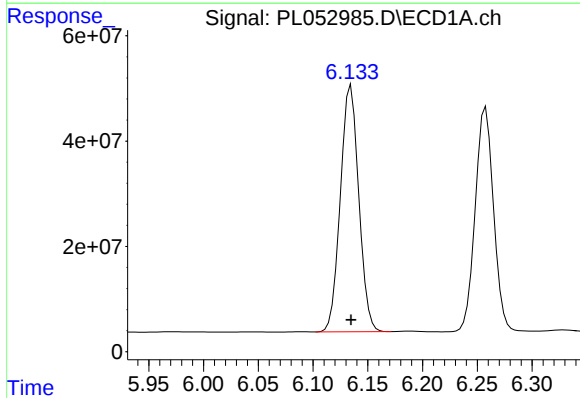
R.T.: 5.877 min  
Delta R.T.: 0.000 min  
Response: 666055573  
Conc: 51.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



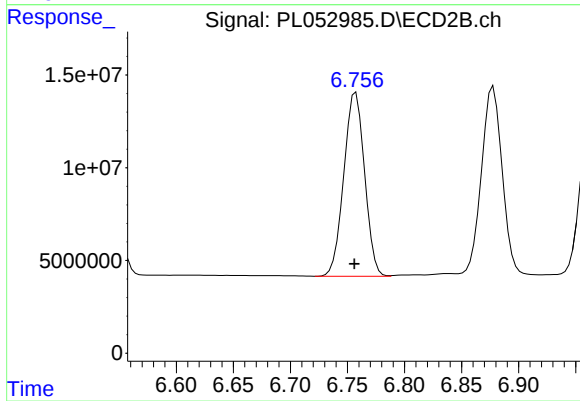
#13 Dieldrin

R.T.: 6.540 min  
Delta R.T.: 0.002 min  
Response: 165742844  
Conc: 50.81 ng/ml



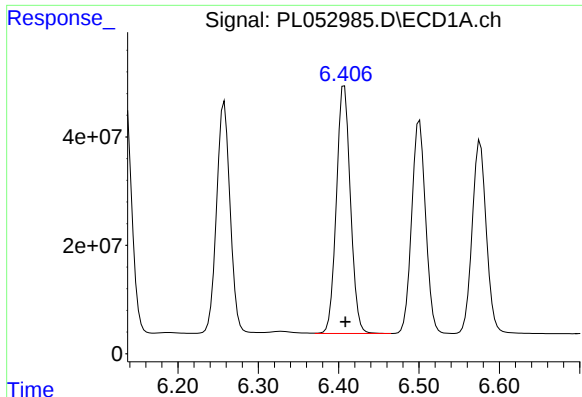
#14 Endrin

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 547610300  
Conc: 48.07 ng/ml



#14 Endrin

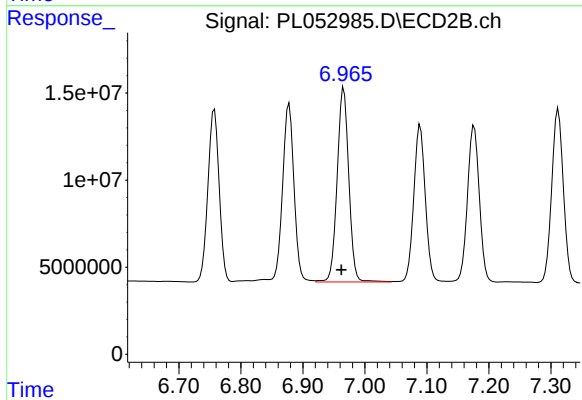
R.T.: 6.757 min  
Delta R.T.: 0.001 min  
Response: 125656809  
Conc: 45.25 ng/ml



#15 Endosulfan II

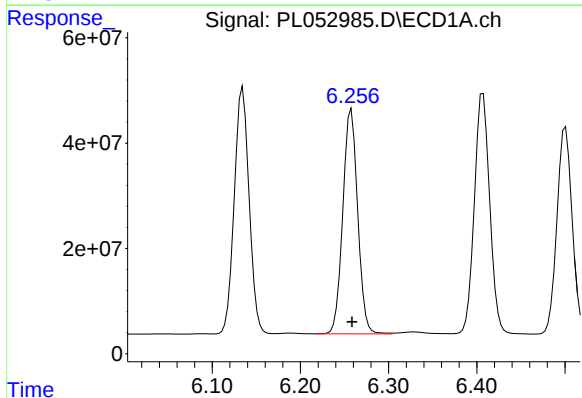
R.T.: 6.407 min  
Delta R.T.: -0.001 min  
Response: 554794409  
Conc: 48.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



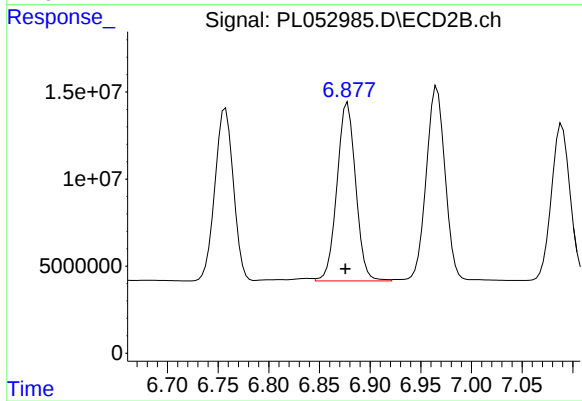
#15 Endosulfan II

R.T.: 6.966 min  
Delta R.T.: 0.004 min  
Response: 146825405  
Conc: 49.49 ng/ml



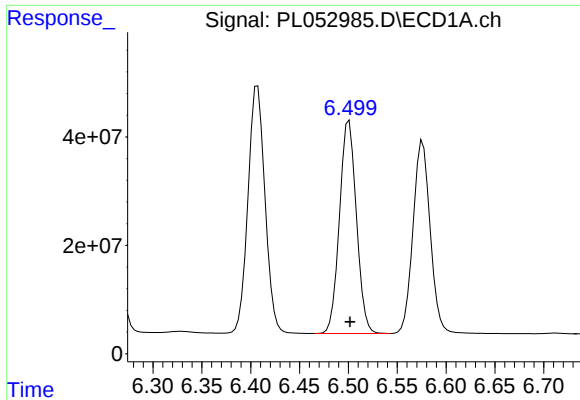
#16 4,4'-DDD

R.T.: 6.258 min  
Delta R.T.: 0.000 min  
Response: 499878005  
Conc: 55.61 ng/ml



#16 4,4'-DDD

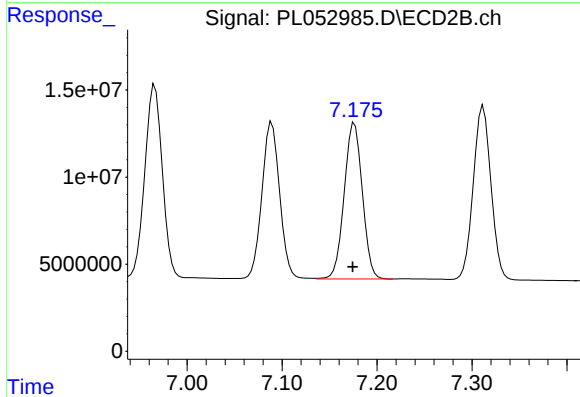
R.T.: 6.878 min  
Delta R.T.: 0.002 min  
Response: 131679641  
Conc: 53.69 ng/ml



#17 4,4'-DDT

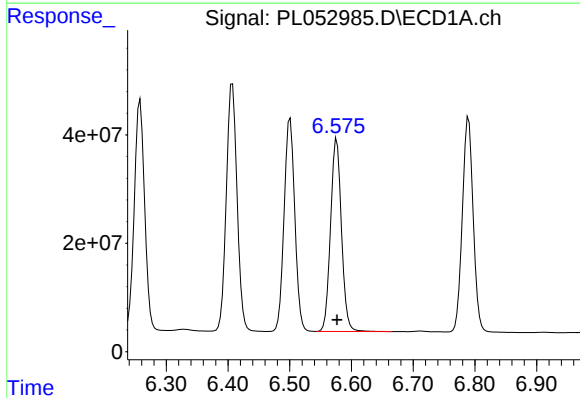
R.T.: 6.501 min  
Delta R.T.: 0.000 min  
Response: 474105318  
Conc: 46.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



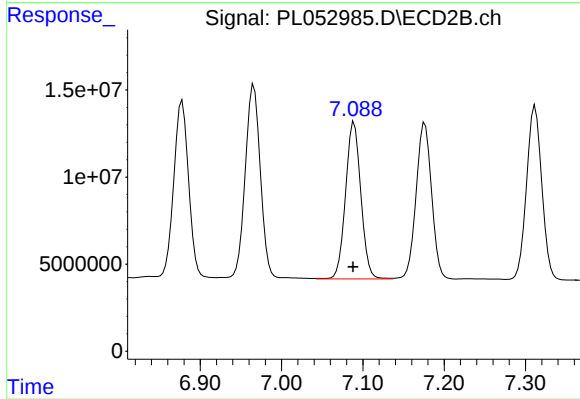
#17 4,4'-DDT

R.T.: 7.176 min  
Delta R.T.: 0.002 min  
Response: 119351789  
Conc: 45.86 ng/ml



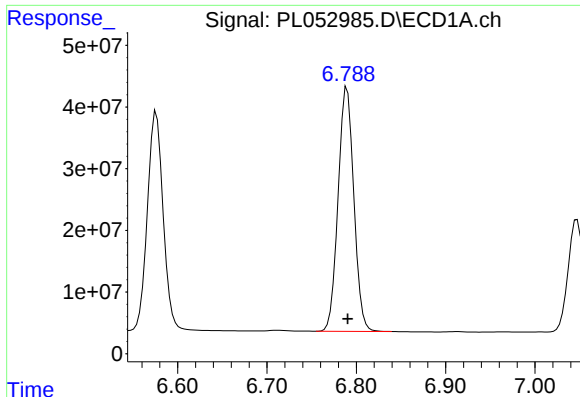
#18 Endrin aldehyde

R.T.: 6.576 min  
Delta R.T.: 0.000 min  
Response: 436781578  
Conc: 46.51 ng/ml



#18 Endrin aldehyde

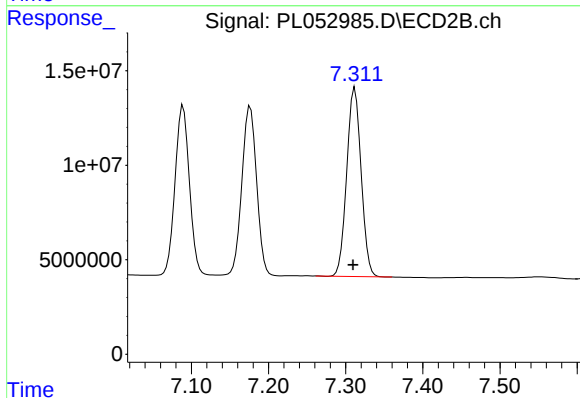
R.T.: 7.089 min  
Delta R.T.: 0.002 min  
Response: 117690944  
Conc: 47.98 ng/ml



#19 Endosulfan Sulfate

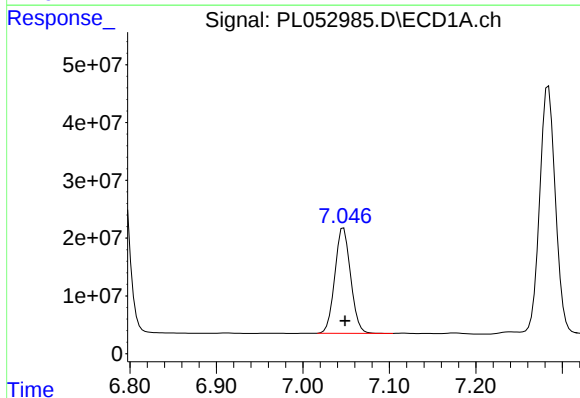
R.T.: 6.790 min  
Delta R.T.: 0.000 min  
Response: 483782131  
Conc: 46.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



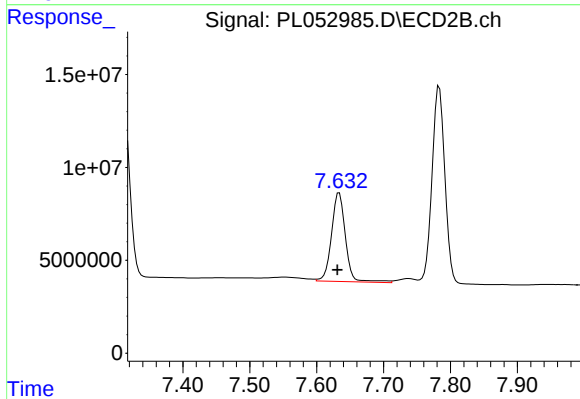
#19 Endosulfan Sulfate

R.T.: 7.312 min  
Delta R.T.: 0.002 min  
Response: 129105771  
Conc: 47.28 ng/ml



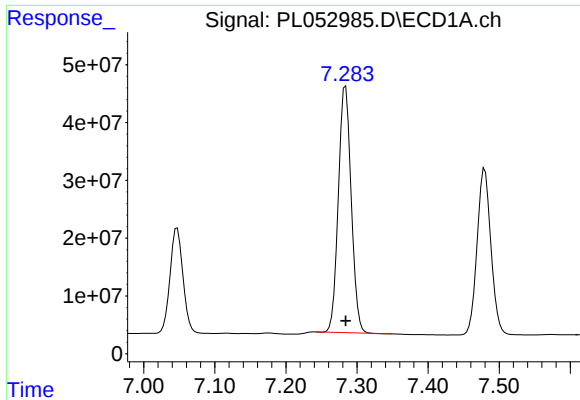
#20 Methoxychlor

R.T.: 7.047 min  
Delta R.T.: -0.002 min  
Response: 229465505  
Conc: 44.49 ng/ml



#20 Methoxychlor

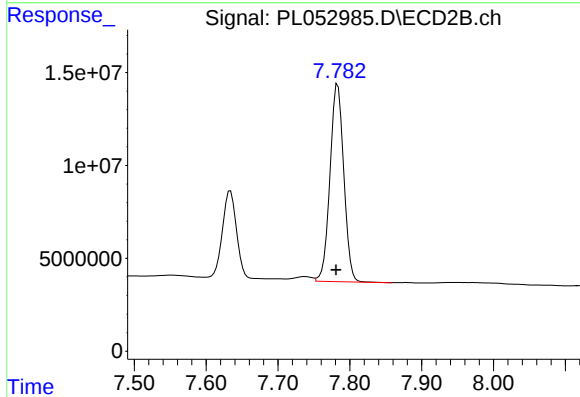
R.T.: 7.634 min  
Delta R.T.: 0.002 min  
Response: 68722407  
Conc: 48.81 ng/ml



#21 Endrin ketone

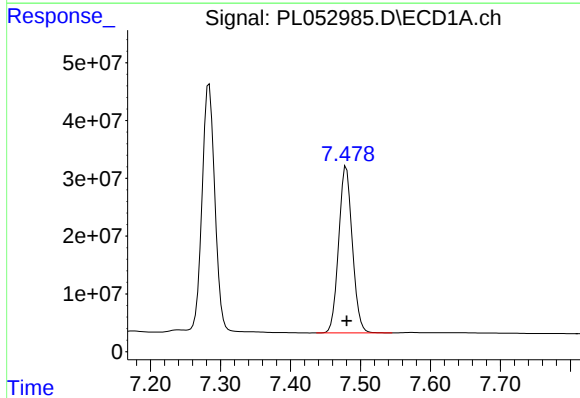
R.T.: 7.284 min  
Delta R.T.: 0.000 min  
Response: 534090192  
Conc: 45.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



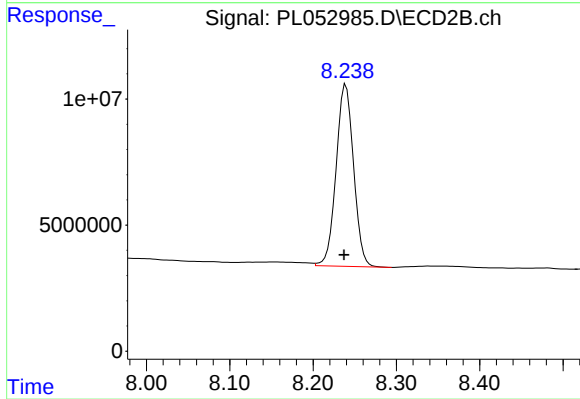
#21 Endrin ketone

R.T.: 7.783 min  
Delta R.T.: 0.002 min  
Response: 142023293  
Conc: 49.78 ng/ml



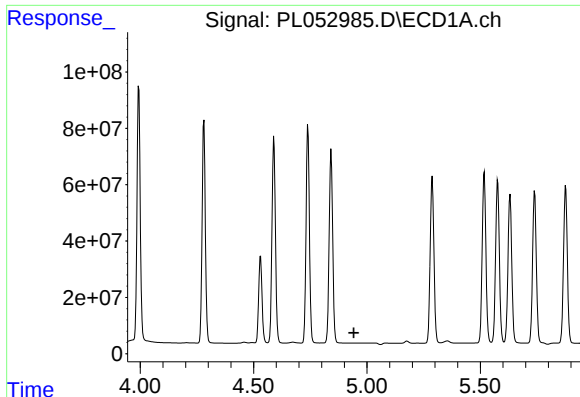
#22 Mirex

R.T.: 7.480 min  
Delta R.T.: -0.001 min  
Response: 389627062  
Conc: 41.26 ng/ml



#22 Mirex

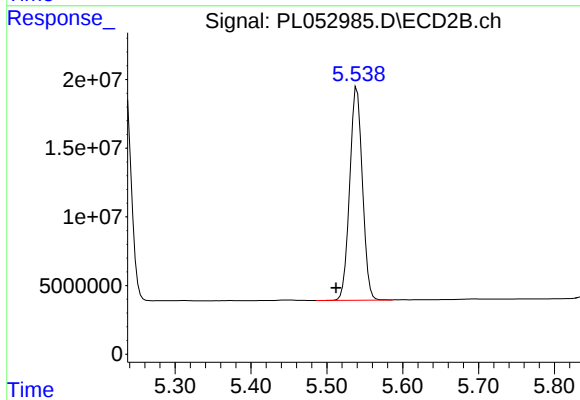
R.T.: 8.239 min  
Delta R.T.: 0.002 min  
Response: 105271375  
Conc: 46.80 ng/ml



#24 Chlordane-2

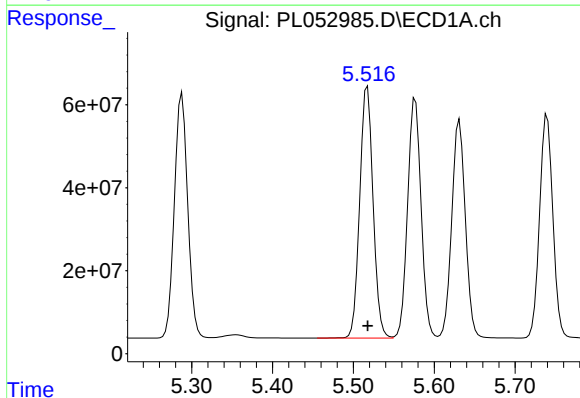
R.T.: 0.000 min  
Exp R.T.: 4.942 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



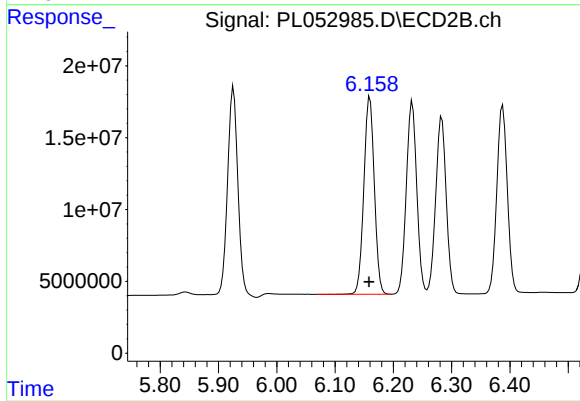
#24 Chlordane-2

R.T.: 5.540 min  
Delta R.T.: 0.028 min  
Response: 180449968  
Conc: 1612.28 ng/ml



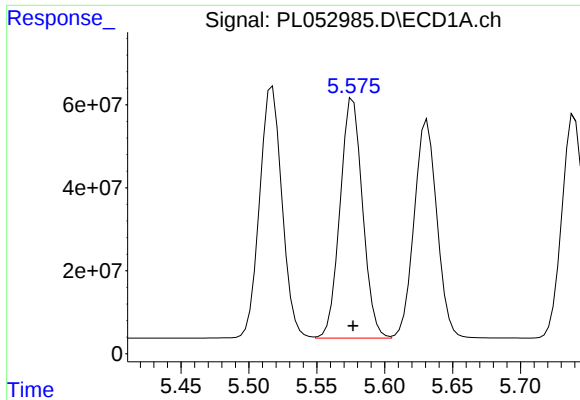
#25 Chlordane-3

R.T.: 5.517 min  
Delta R.T.: 0.000 min  
Response: 696195643  
Conc: 600.84 ng/ml



#25 Chlordane-3

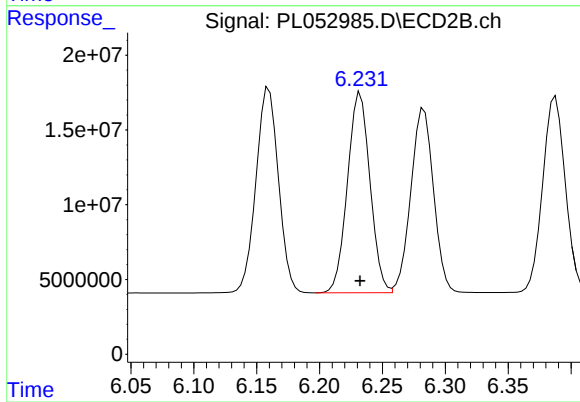
R.T.: 6.160 min  
Delta R.T.: 0.002 min  
Response: 170967084  
Conc: 392.57 ng/ml



#26 Chlordane-4

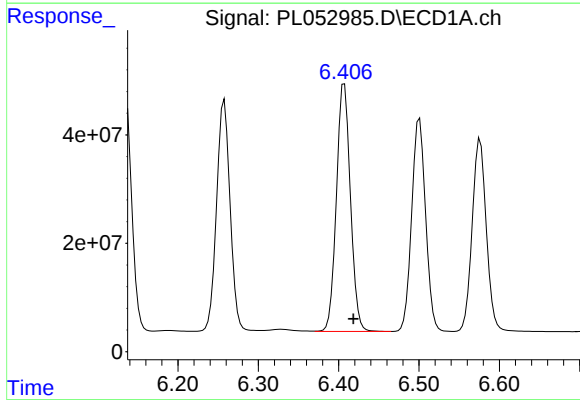
R.T.: 5.577 min  
Delta R.T.: 0.000 min  
Response: 668631907  
Conc: 700.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



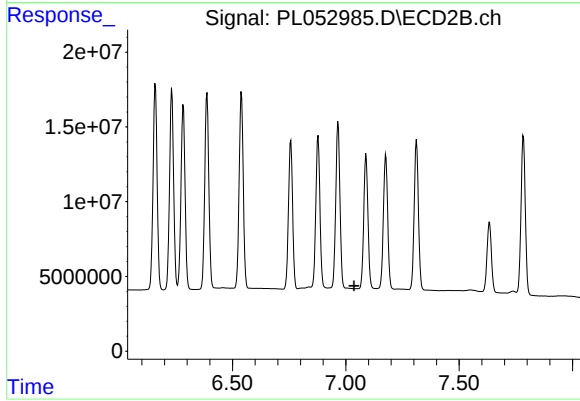
#26 Chlordane-4

R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 167143094  
Conc: 314.77 ng/ml



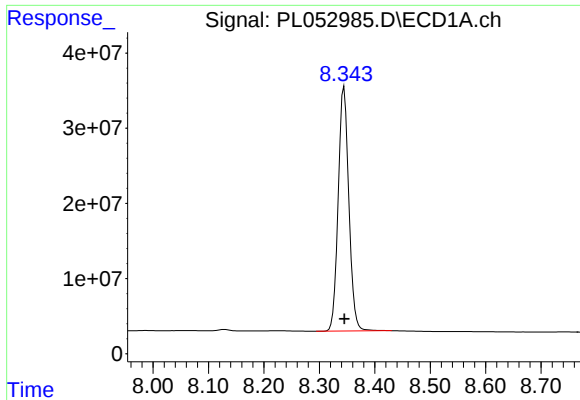
#27 Chlordane-5

R.T.: 6.407 min  
Delta R.T.: -0.011 min  
Response: 554794409  
Conc: 1406.56 ng/ml



#27 Chlordane-5

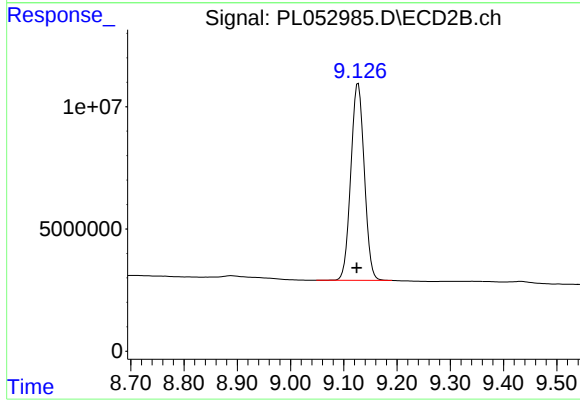
R.T.: 0.000 min  
Exp R.T.: 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.345 min  
Delta R.T.: 0.000 min  
Response: 432616488  
Conc: 43.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.127 min  
Delta R.T.: 0.003 min  
Response: 141549368  
Conc: 48.25 ng/ml