

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110119\  
 Data File : PL053997.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Nov 2019 12:05  
 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: Nov 01 22:36:12 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 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... | 3.548  | 4.045  | 543.9E6 | 127.9E6  | 50.179   | 51.122     |
| 2)                          | SA Decachlor... | 8.334  | 9.127  | 472.6E6 | 136.4E6  | 48.166   | 48.435     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.992  | 4.437  | 878.1E6 | 181.8E6  | 50.361   | 52.584     |
| 3)                          | MA gamma-BHC... | 4.279  | 4.723  | 790.7E6 | 167.7E6  | 50.769   | 52.075     |
| 4)                          | MA Heptachlor   | 4.586  | 5.233  | 784.0E6 | 155.7E6  | 49.675   | 48.324     |
| 5)                          | MB Aldrin       | 4.837  | 5.538  | 755.3E6 | 149.3E6  | 52.832   | 50.062     |
| 6)                          | B beta-BHC      | 4.530  | 4.893  | 318.3E6 | 75006498 | 48.299   | 48.560     |
| 7)                          | B delta-BHC     | 4.738  | 5.110  | 758.6E6 | 157.7E6  | 49.839   | 52.221     |
| 8)                          | B Heptachlo...  | 5.284  | 5.925  | 698.4E6 | 154.5E6  | 51.738   | 52.978     |
| 9)                          | A Endosulfan I  | 5.626  | 6.282  | 611.9E6 | 133.6E6  | 49.783   | 49.265     |
| 10)                         | B gamma-Chl...  | 5.512  | 6.159  | 684.6E6 | 143.8E6  | 50.180   | 49.271     |
| 11)                         | B alpha-Chl...  | 5.572  | 6.231  | 654.1E6 | 143.6E6  | 49.168   | 49.205     |
| 12)                         | B 4,4'-DDE      | 5.735  | 6.387  | 566.2E6 | 138.0E6  | 47.649   | 48.989     |
| 13)                         | MA Dieldrin     | 5.870  | 6.539  | 649.9E6 | 141.3E6  | 49.866   | 49.521     |
| 14)                         | MA Endrin       | 6.129  | 6.756  | 544.8E6 | 110.8E6  | 47.000   | 45.652     |
| 15)                         | B Endosulfa...  | 6.402  | 6.965  | 535.1E6 | 127.7E6  | 47.856   | 49.982     |
| 16)                         | A 4,4'-DDD      | 6.252  | 6.877  | 495.6E6 | 116.0E6  | 55.687   | 55.683     |
| 17)                         | MA 4,4'-DDT     | 6.494  | 7.176  | 407.8E6 | 97023591 | 41.163   | 41.956     |
| 18)                         | B Endrin al...  | 6.570  | 7.089  | 428.0E6 | 106.4E6  | 46.680   | 48.441     |
| 19)                         | B Endosulfa...  | 6.783  | 7.312  | 481.6E6 | 118.6E6  | 47.348   | 48.326     |
| 20)                         | A Methoxychlor  | 7.039  | 7.634  | 206.7E6 | 53204732 | 41.932   | 40.961     |
| 21)                         | B Endrin ke...  | 7.277  | 7.784  | 543.9E6 | 131.7E6  | 50.522   | 51.082     |
| 22)                         | Mirex           | 7.470  | 8.239  | 396.0E6 | 101.2E6  | 46.297   | 50.010     |
| 23)                         | Chlordane-1     | 4.457f | 0.000  | 3382477 | 0        | 9.537    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.538f | 0       | 149.3E6  | N.D.     | 1519.642 # |
| 25)                         | Chlordane-3     | 5.512  | 6.159  | 684.6E6 | 143.8E6  | 593.951  | 393.625 #  |
| 26)                         | Chlordane-4     | 5.572  | 6.231  | 654.1E6 | 143.6E6  | 697.751  | 319.954 #  |
| 27)                         | Chlordane-5     | 6.402  | 0.000  | 535.1E6 | 0        | 1463.712 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

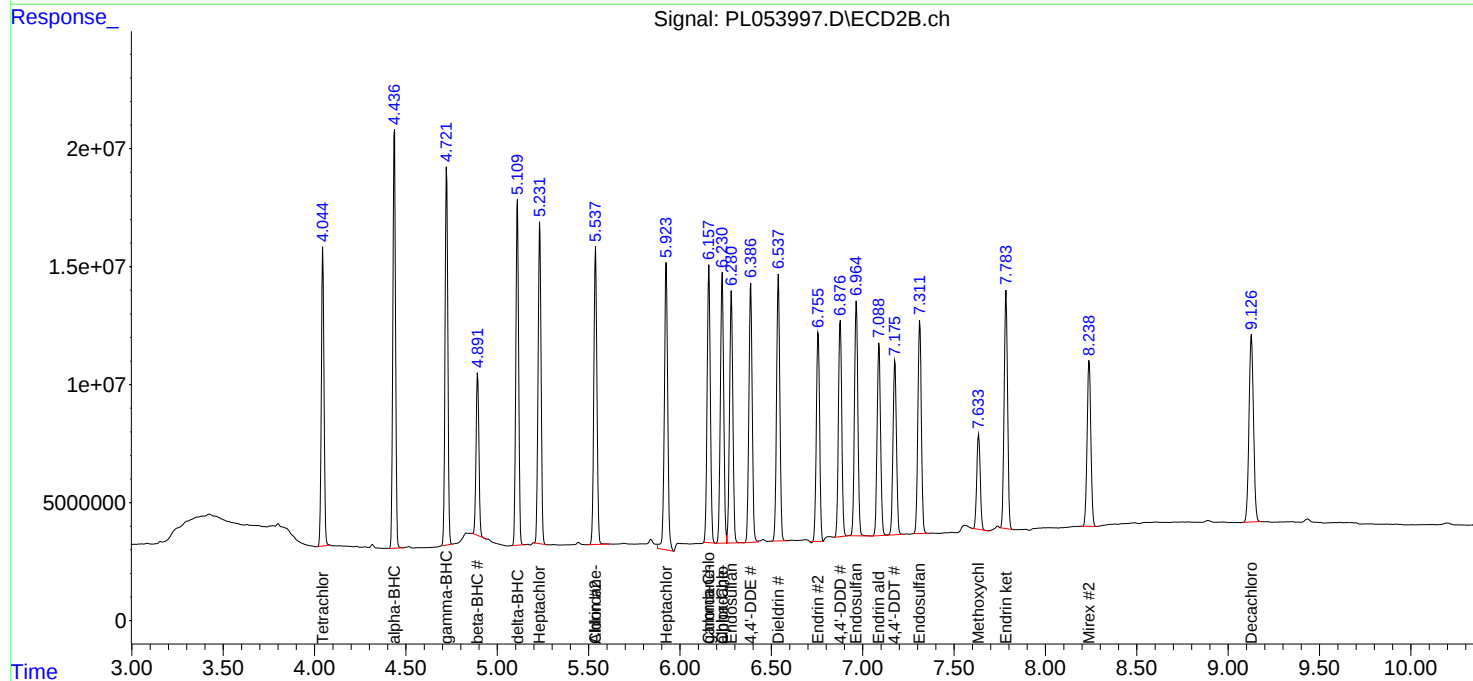
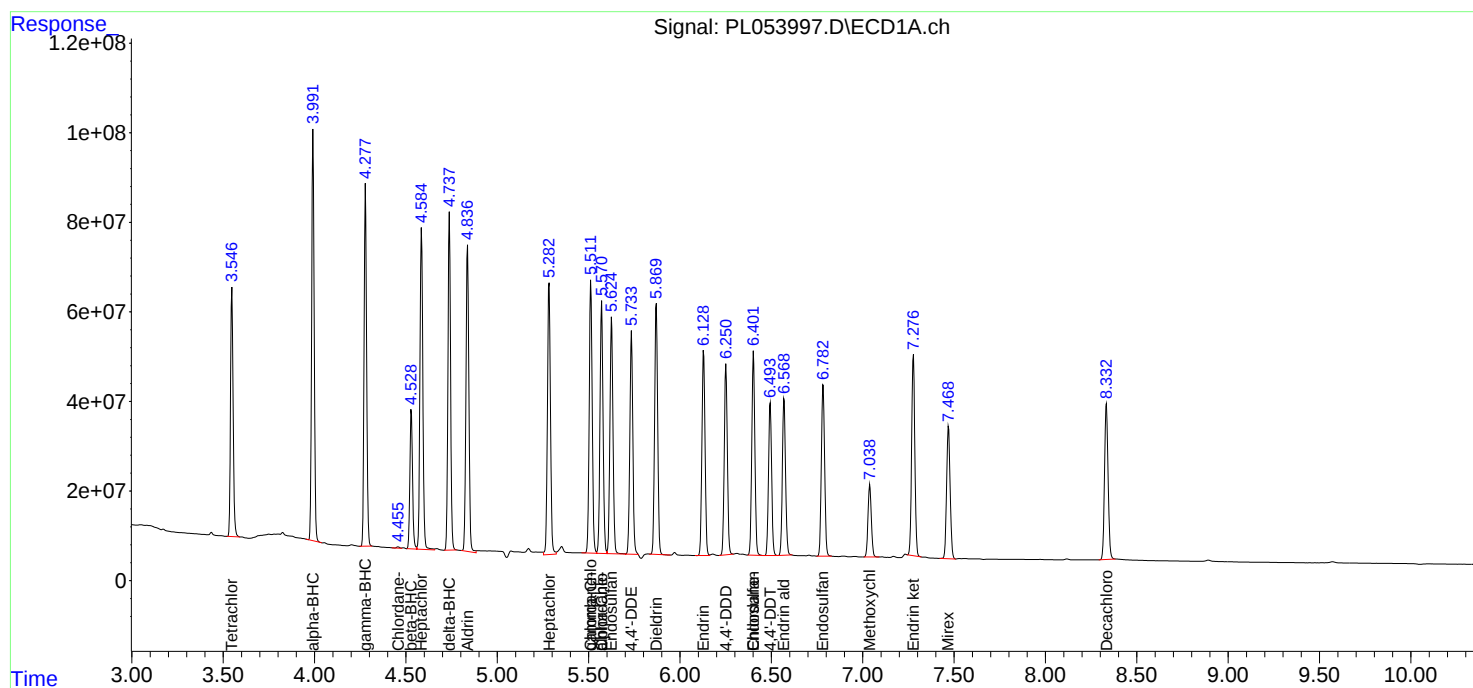
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

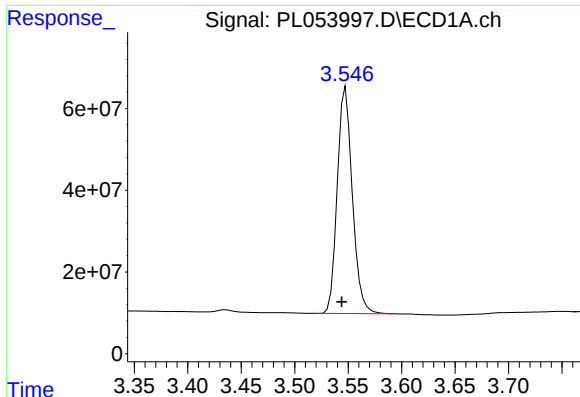
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110119\  
Data File : PL053997.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Nov 2019 12:05  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 01 22:36:12 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 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

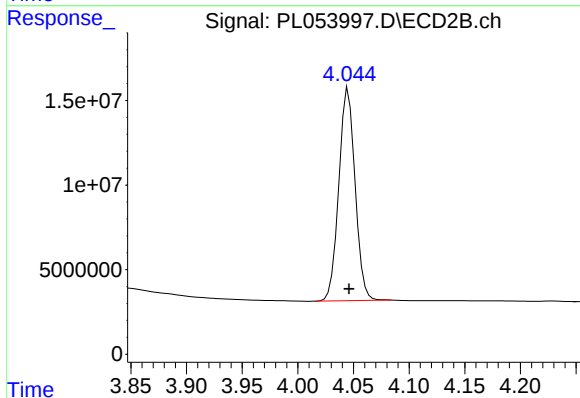




#1 Tetrachloro-m-xylene

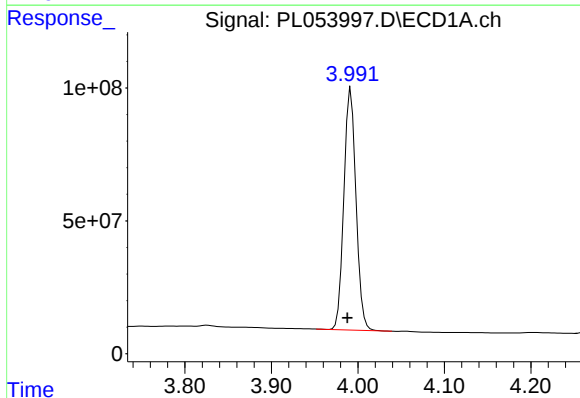
R.T.: 3.548 min  
Delta R.T.: 0.004 min  
Response: 543909622  
Conc: 50.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



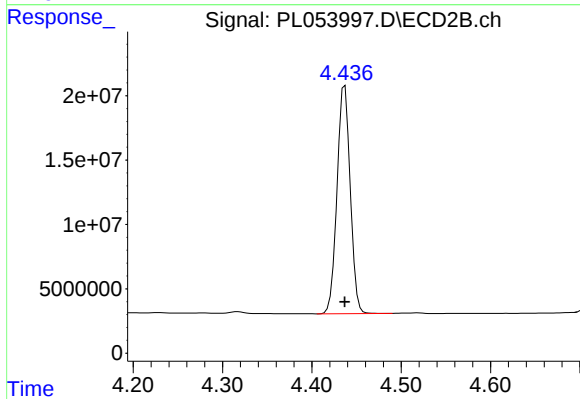
#1 Tetrachloro-m-xylene

R.T.: 4.045 min  
Delta R.T.: 0.000 min  
Response: 127927318  
Conc: 51.12 ng/ml



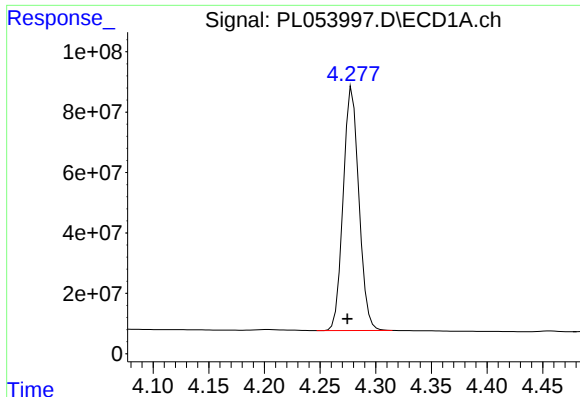
#2 alpha-BHC

R.T.: 3.992 min  
Delta R.T.: 0.004 min  
Response: 878116229  
Conc: 50.36 ng/ml



#2 alpha-BHC

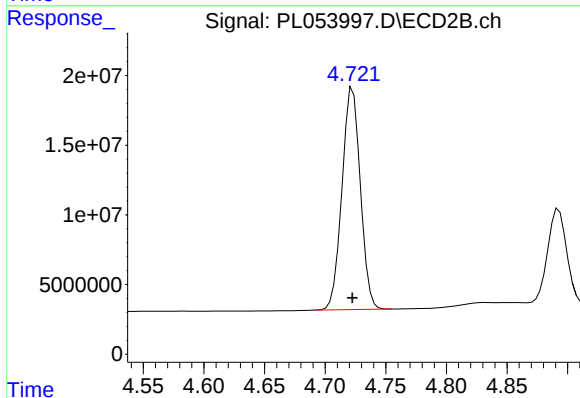
R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 181786185  
Conc: 52.58 ng/ml



#3 gamma-BHC (Lindane)

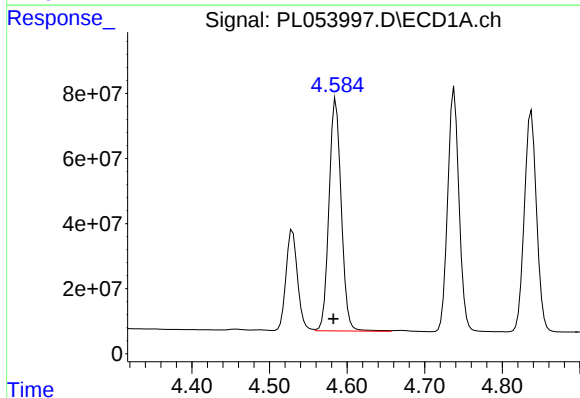
R.T.: 4.279 min  
Delta R.T.: 0.004 min  
Response: 790659857  
Conc: 50.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



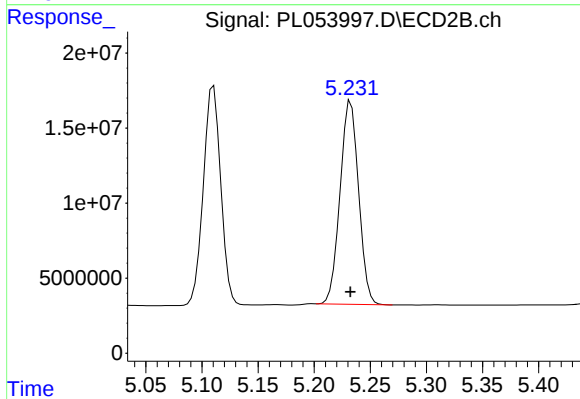
#3 gamma-BHC (Lindane)

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 167699964  
Conc: 52.07 ng/ml



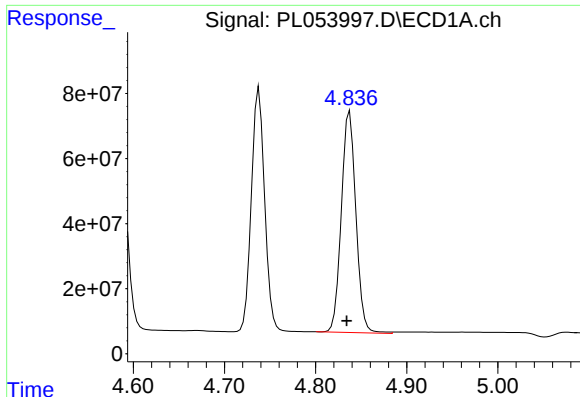
#4 Heptachlor

R.T.: 4.586 min  
Delta R.T.: 0.003 min  
Response: 784018473  
Conc: 49.68 ng/ml



#4 Heptachlor

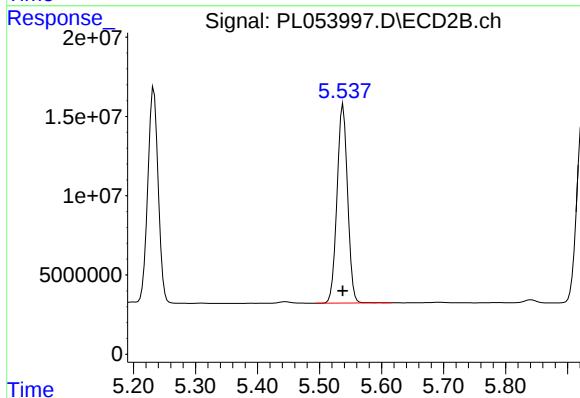
R.T.: 5.233 min  
Delta R.T.: 0.000 min  
Response: 155709360  
Conc: 48.32 ng/ml



#5 Aldrin

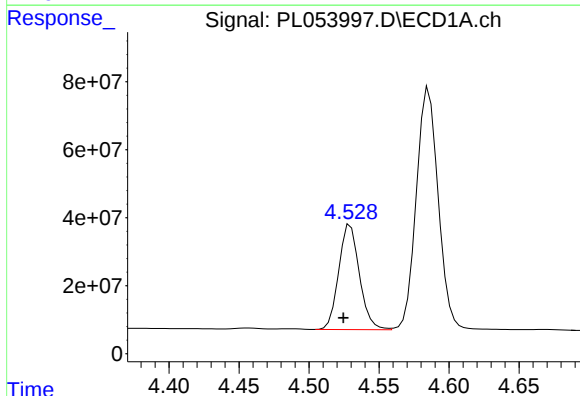
R.T.: 4.837 min  
Delta R.T.: 0.003 min  
Response: 755275012  
Conc: 52.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



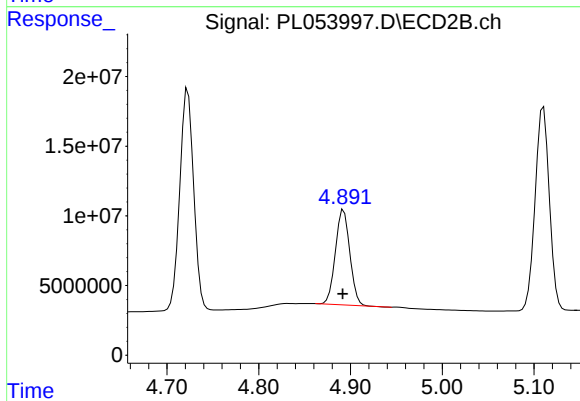
#5 Aldrin

R.T.: 5.538 min  
Delta R.T.: 0.000 min  
Response: 149261479  
Conc: 50.06 ng/ml



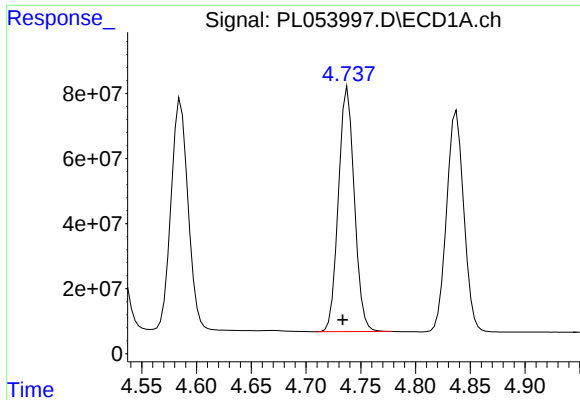
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.005 min  
Response: 318284350  
Conc: 48.30 ng/ml



#6 beta-BHC

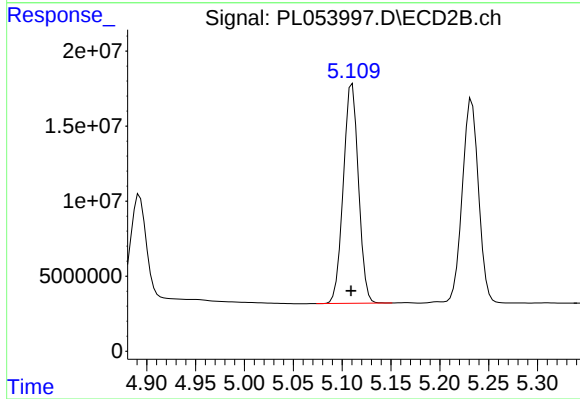
R.T.: 4.893 min  
Delta R.T.: 0.001 min  
Response: 75006498  
Conc: 48.56 ng/ml



#7 delta-BHC

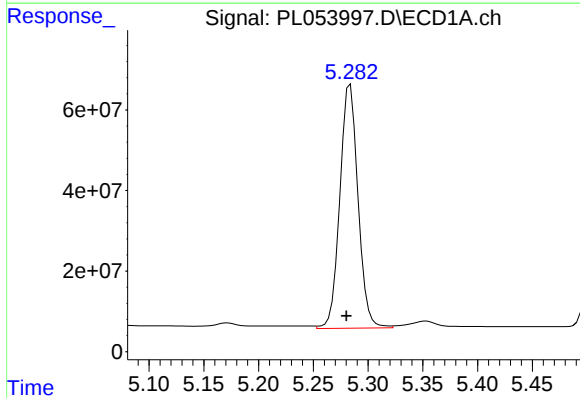
R.T.: 4.738 min  
Delta R.T.: 0.005 min  
Response: 758598231  
Conc: 49.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



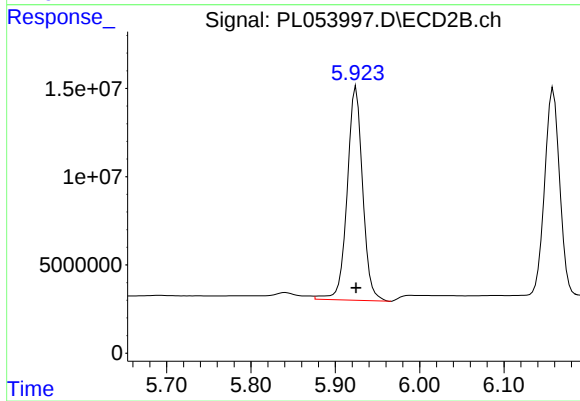
#7 delta-BHC

R.T.: 5.110 min  
Delta R.T.: 0.001 min  
Response: 157739281  
Conc: 52.22 ng/ml



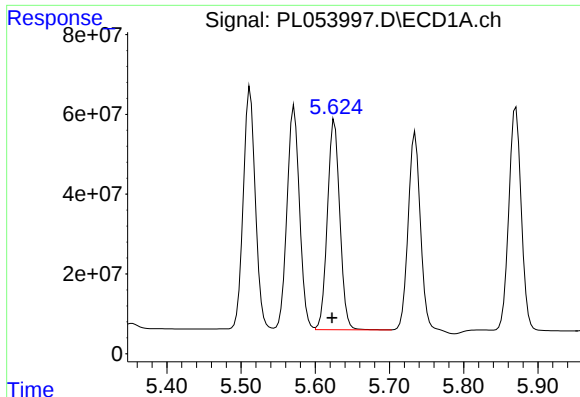
#8 Heptachlor epoxide

R.T.: 5.284 min  
Delta R.T.: 0.004 min  
Response: 698420288  
Conc: 51.74 ng/ml



#8 Heptachlor epoxide

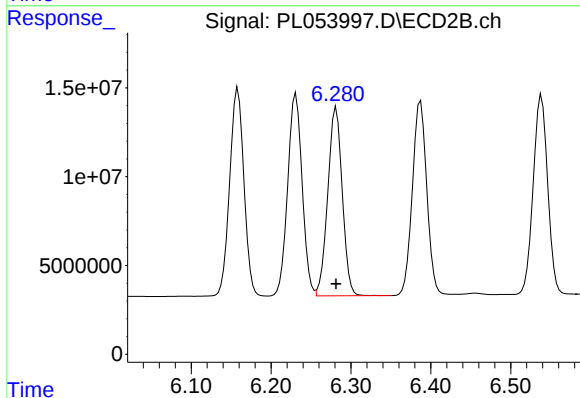
R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 154505440  
Conc: 52.98 ng/ml



#9 Endosulfan I

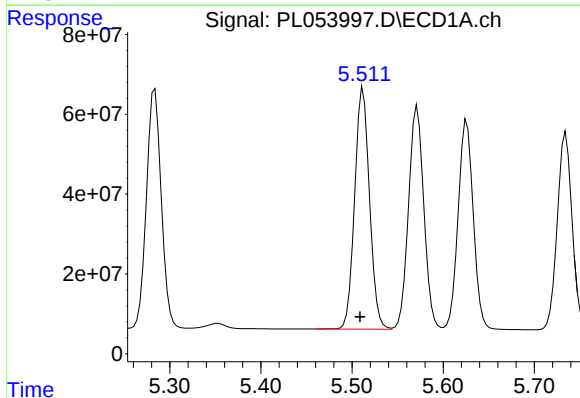
R.T.: 5.626 min  
Delta R.T.: 0.003 min  
Response: 611934109  
Conc: 49.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



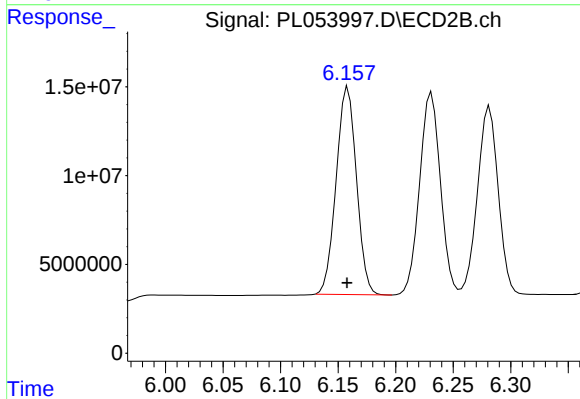
#9 Endosulfan I

R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 133569628  
Conc: 49.27 ng/ml



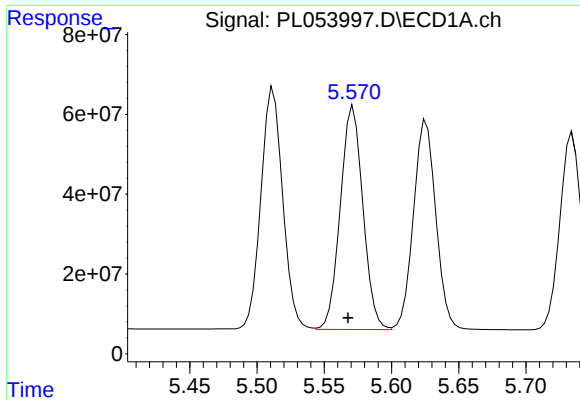
#10 gamma-Chlordane

R.T.: 5.512 min  
Delta R.T.: 0.003 min  
Response: 684639387  
Conc: 50.18 ng/ml



#10 gamma-Chlordane

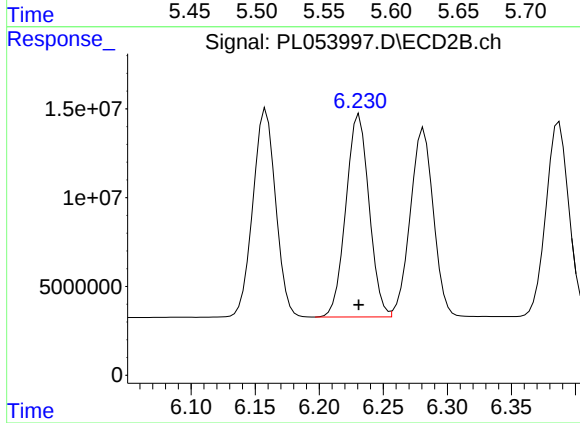
R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 143763675  
Conc: 49.27 ng/ml



#11 alpha-Chlordane

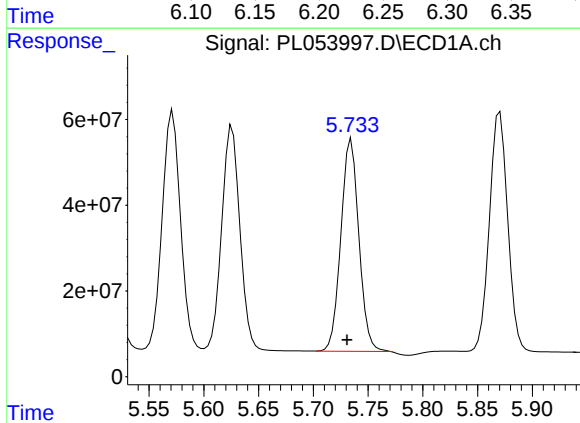
R.T.: 5.572 min  
Delta R.T.: 0.004 min  
Response: 654107711  
Conc: 49.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



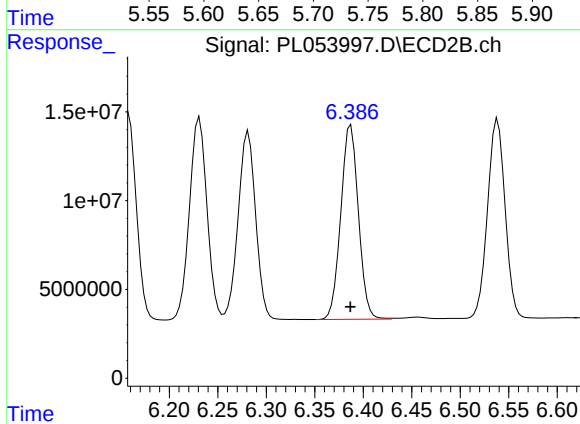
#11 alpha-Chlordane

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 143639061  
Conc: 49.20 ng/ml



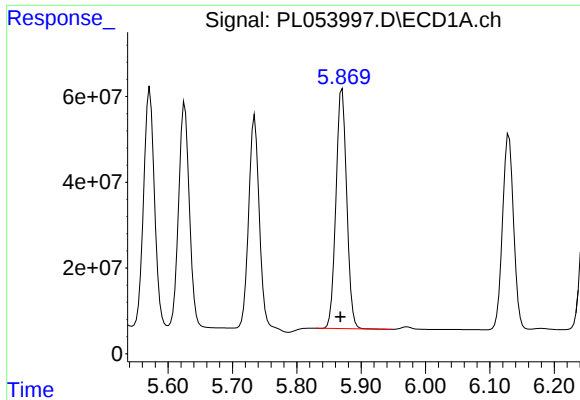
#12 4,4'-DDE

R.T.: 5.735 min  
Delta R.T.: 0.004 min  
Response: 566175851  
Conc: 47.65 ng/ml



#12 4,4'-DDE

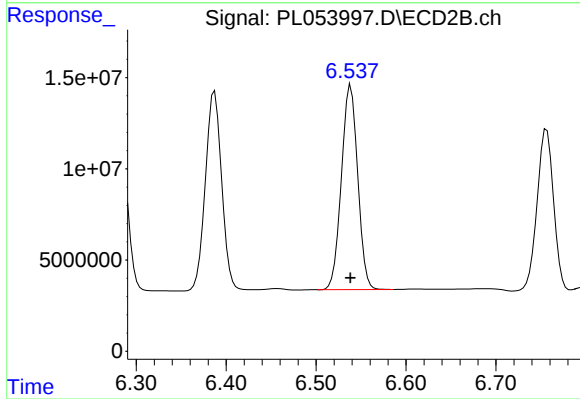
R.T.: 6.387 min  
Delta R.T.: 0.000 min  
Response: 137969139  
Conc: 48.99 ng/ml



#13 Dieldrin

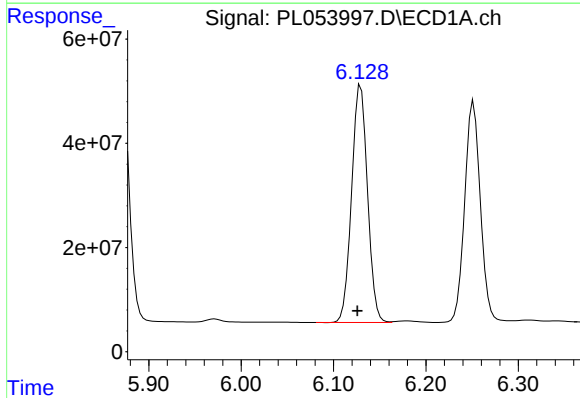
R.T.: 5.870 min  
Delta R.T.: 0.003 min  
Response: 649932847  
Conc: 49.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



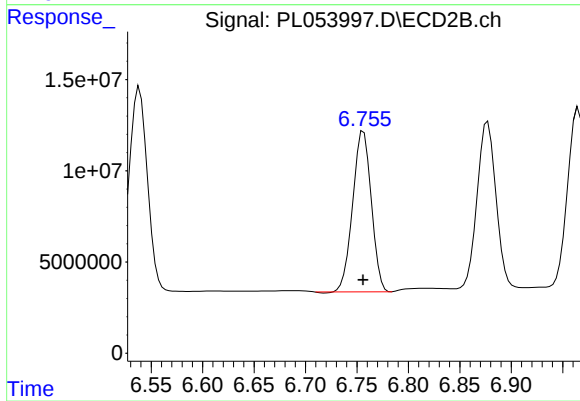
#13 Dieldrin

R.T.: 6.539 min  
Delta R.T.: 0.000 min  
Response: 141314829  
Conc: 49.52 ng/ml



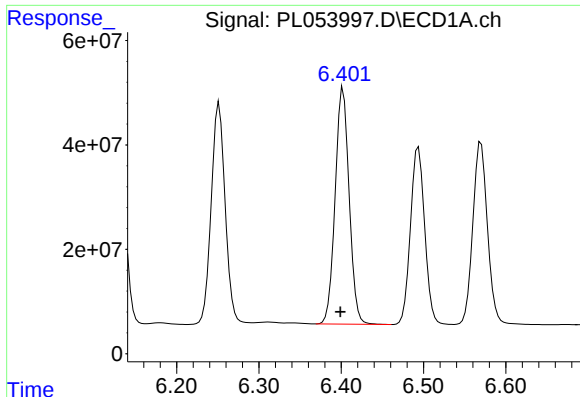
#14 Endrin

R.T.: 6.129 min  
Delta R.T.: 0.003 min  
Response: 544790171  
Conc: 47.00 ng/ml



#14 Endrin

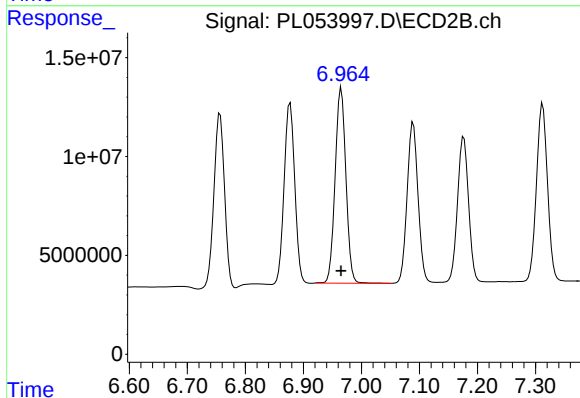
R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 110807384  
Conc: 45.65 ng/ml



#15 Endosulfan II

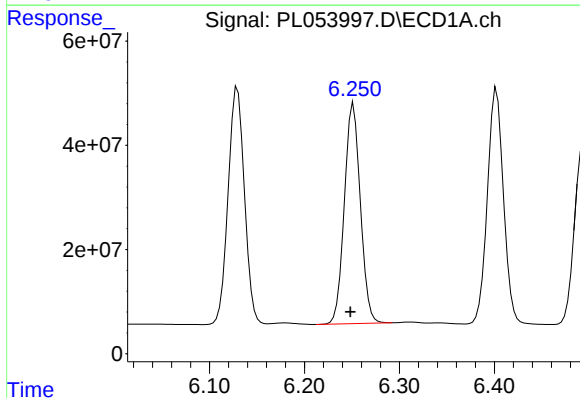
R.T.: 6.402 min  
Delta R.T.: 0.003 min  
Response: 535051720  
Conc: 47.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



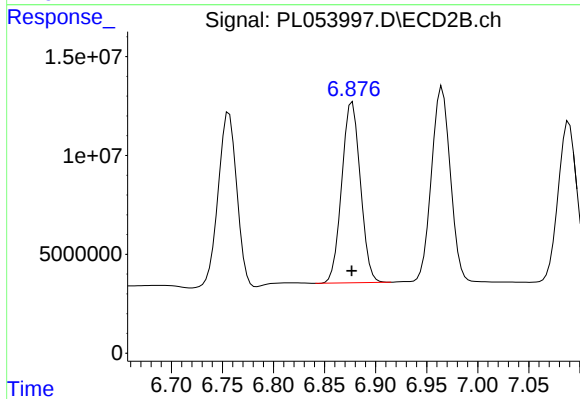
#15 Endosulfan II

R.T.: 6.965 min  
Delta R.T.: 0.000 min  
Response: 127679088  
Conc: 49.98 ng/ml



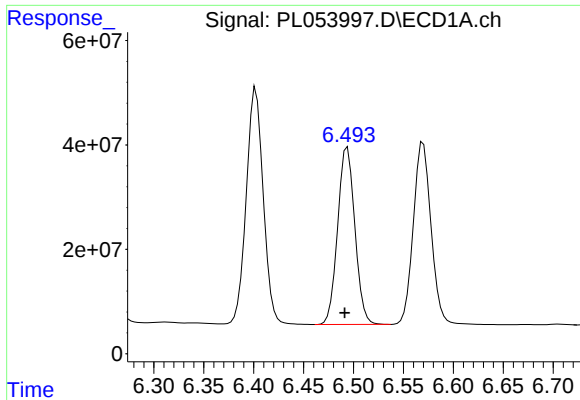
#16 4,4'-DDD

R.T.: 6.252 min  
Delta R.T.: 0.003 min  
Response: 495611632  
Conc: 55.69 ng/ml



#16 4,4'-DDD

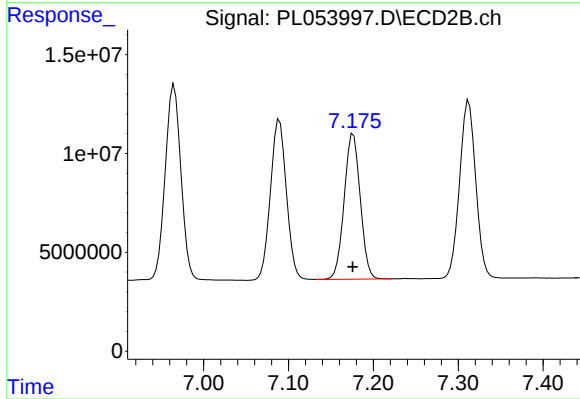
R.T.: 6.877 min  
Delta R.T.: 0.000 min  
Response: 116041664  
Conc: 55.68 ng/ml



#17 4,4'-DDT

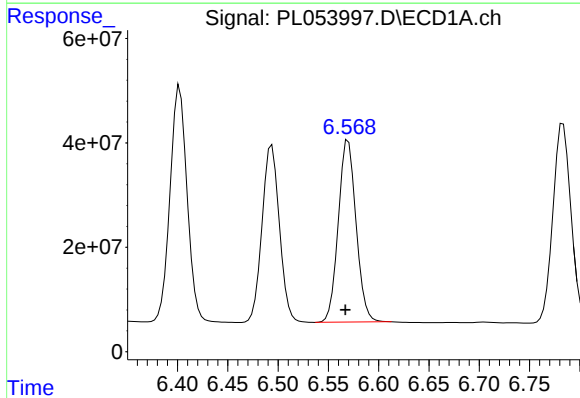
R.T.: 6.494 min  
Delta R.T.: 0.003 min  
Response: 407777431  
Conc: 41.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



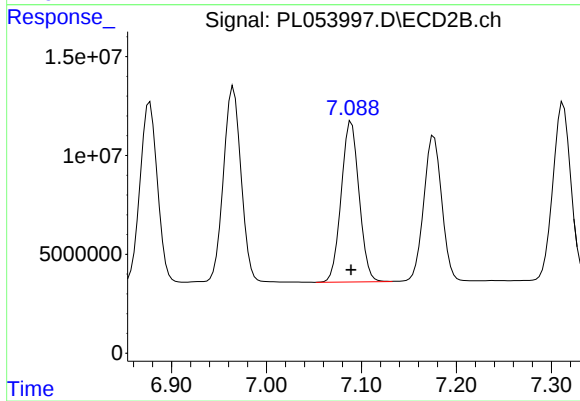
#17 4,4'-DDT

R.T.: 7.176 min  
Delta R.T.: 0.000 min  
Response: 97023591  
Conc: 41.96 ng/ml



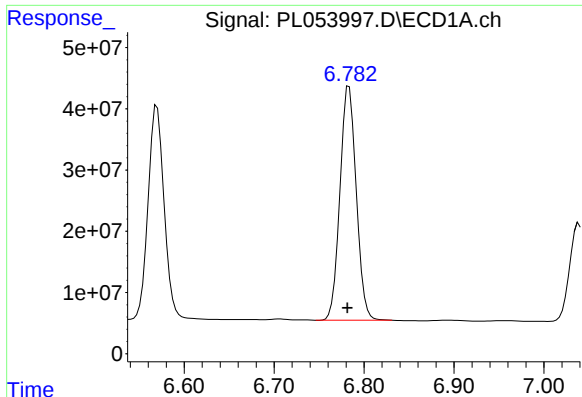
#18 Endrin aldehyde

R.T.: 6.570 min  
Delta R.T.: 0.003 min  
Response: 428021502  
Conc: 46.68 ng/ml



#18 Endrin aldehyde

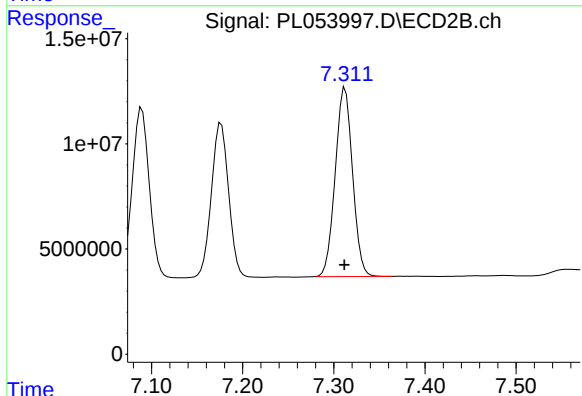
R.T.: 7.089 min  
Delta R.T.: 0.000 min  
Response: 106414748  
Conc: 48.44 ng/ml



#19 Endosulfan Sulfate

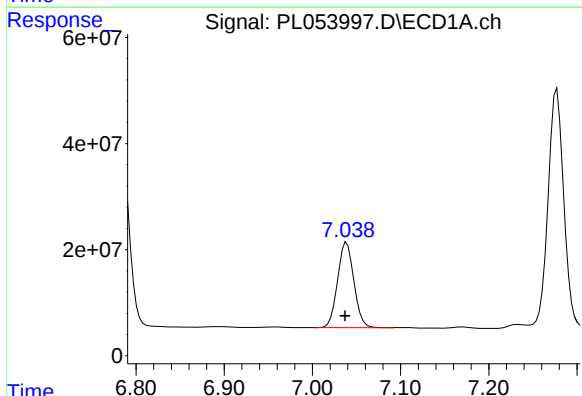
R.T.: 6.783 min  
Delta R.T.: 0.002 min  
Response: 481600973  
Conc: 47.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



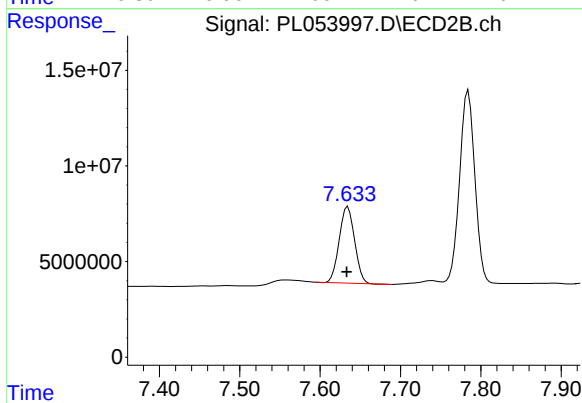
#19 Endosulfan Sulfate

R.T.: 7.312 min  
Delta R.T.: 0.000 min  
Response: 118574146  
Conc: 48.33 ng/ml



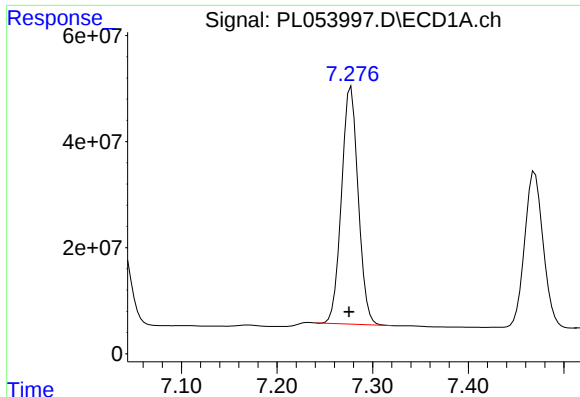
#20 Methoxychlor

R.T.: 7.039 min  
Delta R.T.: 0.002 min  
Response: 206741296  
Conc: 41.93 ng/ml



#20 Methoxychlor

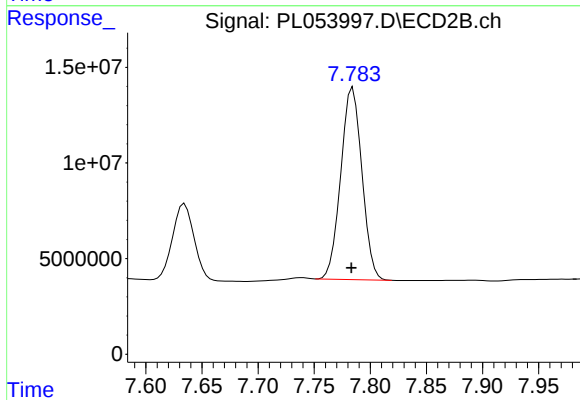
R.T.: 7.634 min  
Delta R.T.: 0.001 min  
Response: 53204732  
Conc: 40.96 ng/ml



#21 Endrin ketone

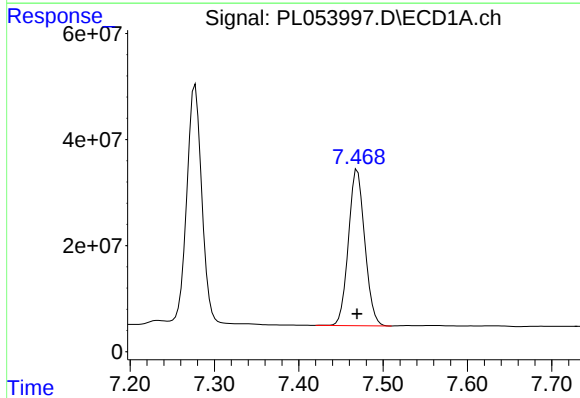
R.T.: 7.277 min  
Delta R.T.: 0.002 min  
Response: 543871303  
Conc: 50.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



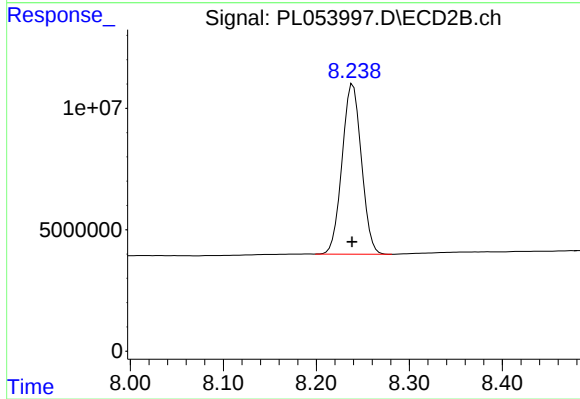
#21 Endrin ketone

R.T.: 7.784 min  
Delta R.T.: 0.001 min  
Response: 131714264  
Conc: 51.08 ng/ml



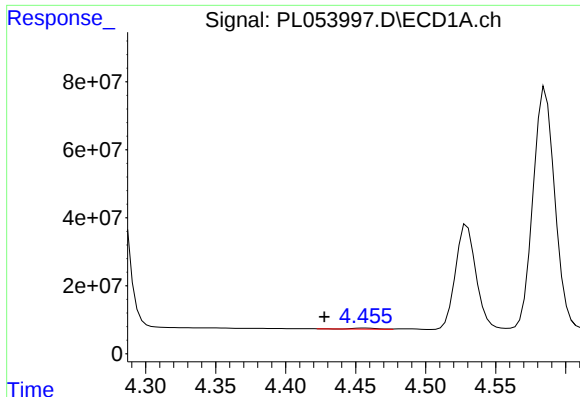
#22 Mirex

R.T.: 7.470 min  
Delta R.T.: 0.000 min  
Response: 395978825  
Conc: 46.30 ng/ml



#22 Mirex

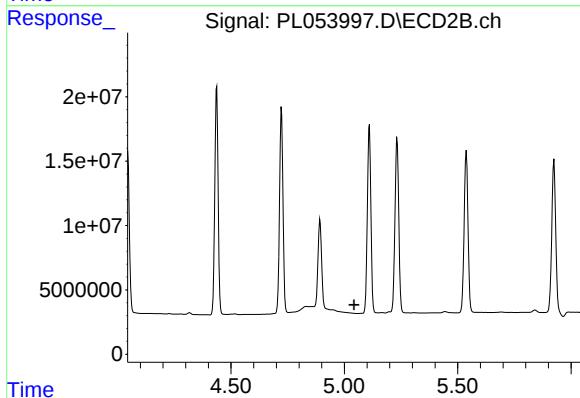
R.T.: 8.239 min  
Delta R.T.: 0.000 min  
Response: 101173761  
Conc: 50.01 ng/ml



#23 Chlordane-1

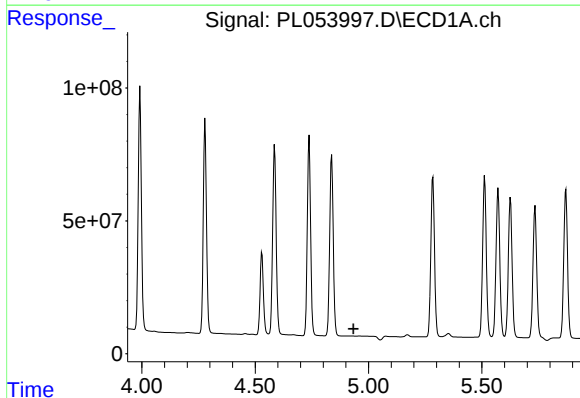
R.T.: 4.457 min  
Delta R.T.: 0.029 min  
Response: 3382477  
Conc: 9.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



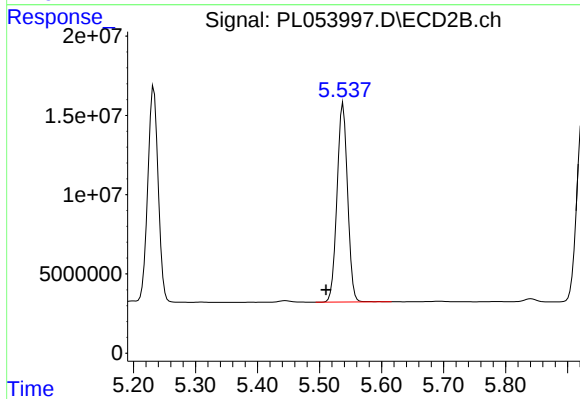
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.043 min  
Response: 0  
Conc: N.D.



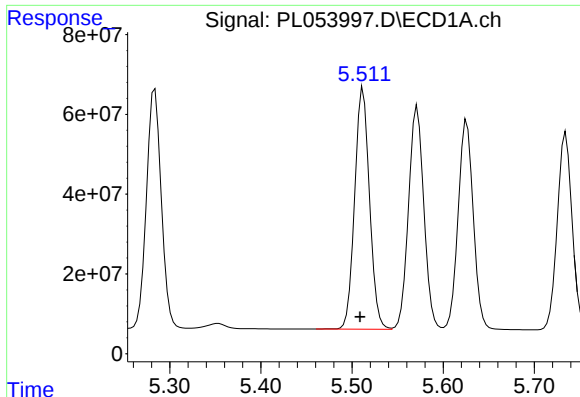
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.934 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

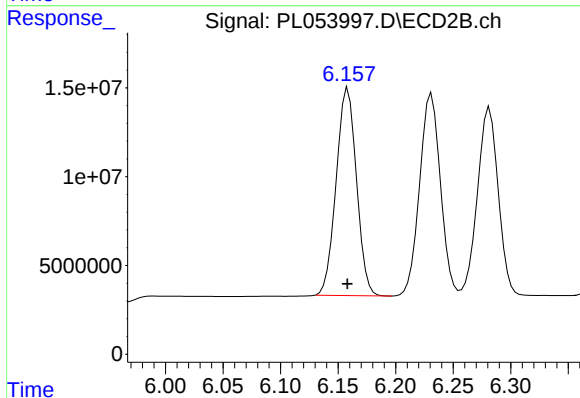
R.T.: 5.538 min  
Delta R.T.: 0.028 min  
Response: 149261479  
Conc: 1519.64 ng/ml



#25 Chlordane-3

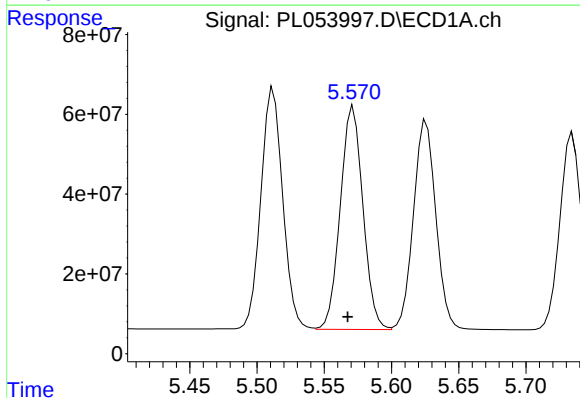
R.T.: 5.512 min  
Delta R.T.: 0.003 min  
Response: 684639387  
Conc: 593.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



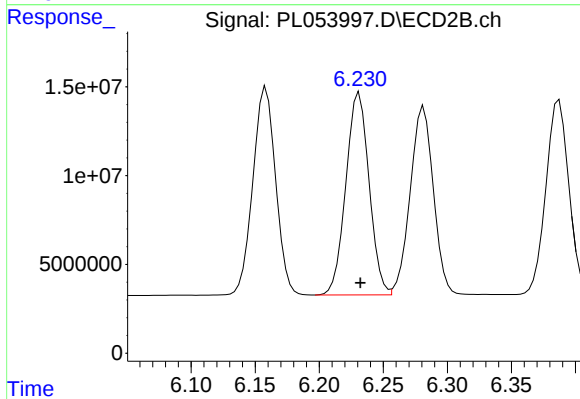
#25 Chlordane-3

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 143763675  
Conc: 393.62 ng/ml



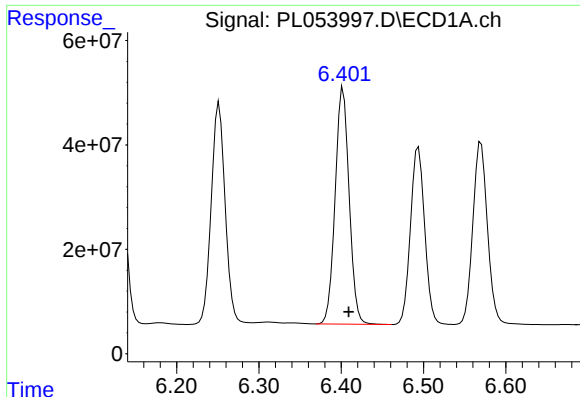
#26 Chlordane-4

R.T.: 5.572 min  
Delta R.T.: 0.004 min  
Response: 654107711  
Conc: 697.75 ng/ml



#26 Chlordane-4

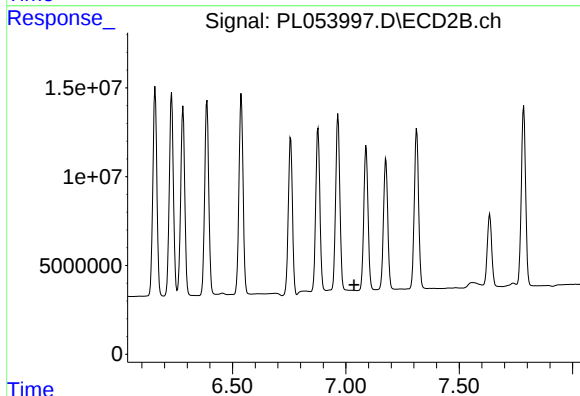
R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 143639061  
Conc: 319.95 ng/ml



#27 Chlordane-5

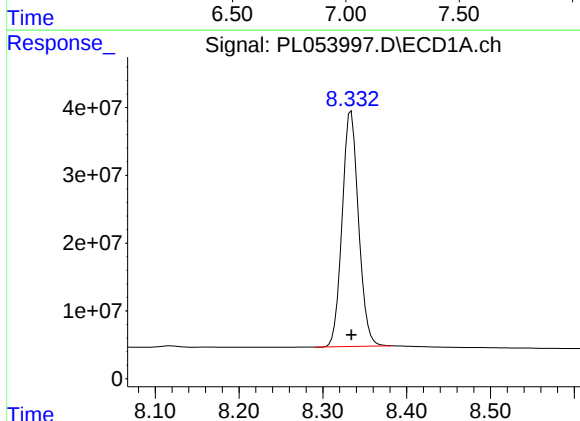
R.T.: 6.402 min  
Delta R.T.: -0.007 min  
Response: 535051720  
Conc: 1463.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



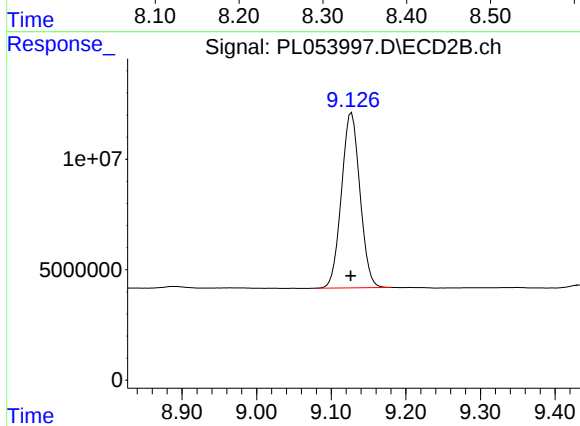
#27 Chlordane-5

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.: 0.000 min  
Response: 472585748  
Conc: 48.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.127 min  
Delta R.T.: 0.001 min  
Response: 136393976  
Conc: 48.43 ng/ml