

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102419\  
 Data File : PL053711.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2019 21:36  
 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 25 01:26:04 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... | 3.542  | 4.044  | 587.7E6 | 131.0E6  | 54.217   | 52.365     |
| 28)                         | SA Decachlor... | 8.327  | 9.121  | 452.0E6 | 125.0E6  | 46.068   | 44.397     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.986  | 4.435  | 966.4E6 | 188.8E6  | 55.424   | 54.604     |
| 3)                          | MA gamma-BHC... | 4.273  | 4.721  | 875.3E6 | 175.6E6  | 56.205   | 54.516     |
| 4)                          | MA Heptachlor   | 4.579  | 5.231  | 880.6E6 | 170.0E6  | 55.796   | 52.770     |
| 5)                          | MB Aldrin       | 4.831  | 5.536  | 811.3E6 | 155.6E6  | 56.749   | 52.178     |
| 6)                          | B beta-BHC      | 4.523  | 4.890  | 359.7E6 | 78341308 | 54.587   | 50.719     |
| 7)                          | B delta-BHC     | 4.731  | 5.108  | 863.8E6 | 164.4E6  | 56.748   | 54.428     |
| 8)                          | B Heptachlor... | 5.276  | 5.922  | 744.8E6 | 147.2E6  | 55.173   | 50.457     |
| 9)                          | A Endosulfan I  | 5.619  | 6.279  | 673.7E6 | 138.0E6  | 54.807   | 50.917     |
| 10)                         | B gamma-Chl...  | 5.505  | 6.156  | 754.9E6 | 148.0E6  | 55.330   | 50.708     |
| 11)                         | B alpha-Chl...  | 5.563  | 6.228  | 729.0E6 | 149.2E6  | 54.799   | 51.127     |
| 12)                         | B 4,4'-DDE      | 5.727  | 6.384  | 677.6E6 | 145.3E6  | 57.030   | 51.587     |
| 13)                         | MA Dieldrin     | 5.863  | 6.535  | 720.4E6 | 145.8E6  | 55.274   | 51.095     |
| 14)                         | MA Endrin       | 6.121  | 6.753  | 646.0E6 | 126.6E6  | 55.731   | 52.174     |
| 15)                         | B Endosulfa...  | 6.394  | 6.962  | 590.8E6 | 129.3E6  | 52.845   | 50.612     |
| 16)                         | A 4,4'-DDD      | 6.244  | 6.874  | 509.9E6 | 111.2E6  | 57.289   | 53.339     |
| 17)                         | MA 4,4'-DDT     | 6.486  | 7.173  | 546.2E6 | 120.2E6  | 55.133   | 51.997     |
| 18)                         | B Endrin al...  | 6.562  | 7.086  | 470.5E6 | 109.8E6  | 51.313   | 49.983     |
| 19)                         | B Endosulfa...  | 6.776  | 7.308  | 527.5E6 | 123.1E6  | 51.865   | 50.153     |
| 20)                         | A Methoxychlor  | 7.031  | 7.631  | 263.2E6 | 64251365 | 53.384   | 49.466     |
| 21)                         | B Endrin ke...  | 7.270  | 7.780  | 558.6E6 | 127.4E6  | 51.892   | 49.398     |
| 22)                         | Mirex           | 7.463  | 8.235  | 417.5E6 | 97669722 | 48.809   | 48.278     |
| 23)                         | Chlordane-1     | 4.450f | 0.000  | 5013324 | 0        | 14.135   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.536f | 0       | 155.6E6  | N.D.     | 1583.888 # |
| 25)                         | Chlordane-3     | 5.505  | 6.156  | 754.9E6 | 148.0E6  | 654.907  | 405.100 #  |
| 26)                         | Chlordane-4     | 5.563  | 6.228  | 729.0E6 | 149.2E6  | 777.664  | 332.451 #  |
| 27)                         | Chlordane-5     | 6.394  | 0.000  | 590.8E6 | 0        | 1616.296 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

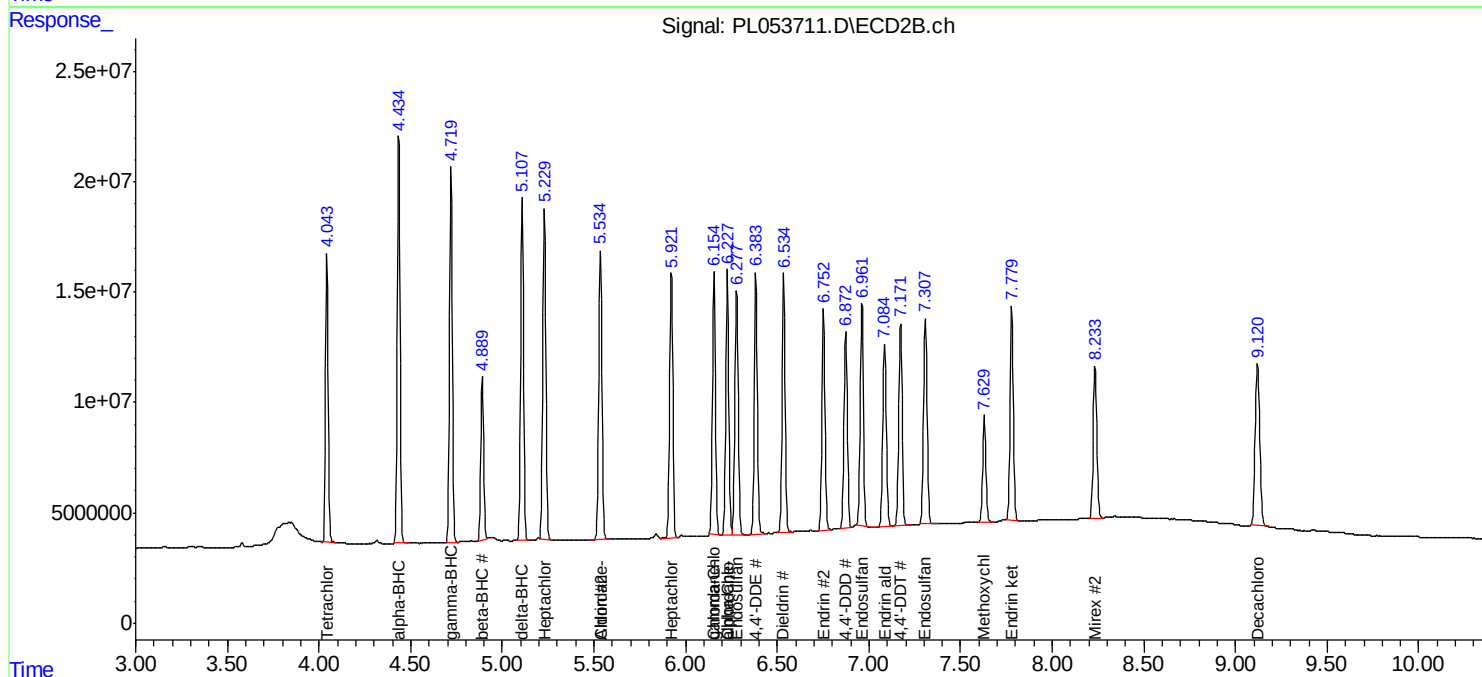
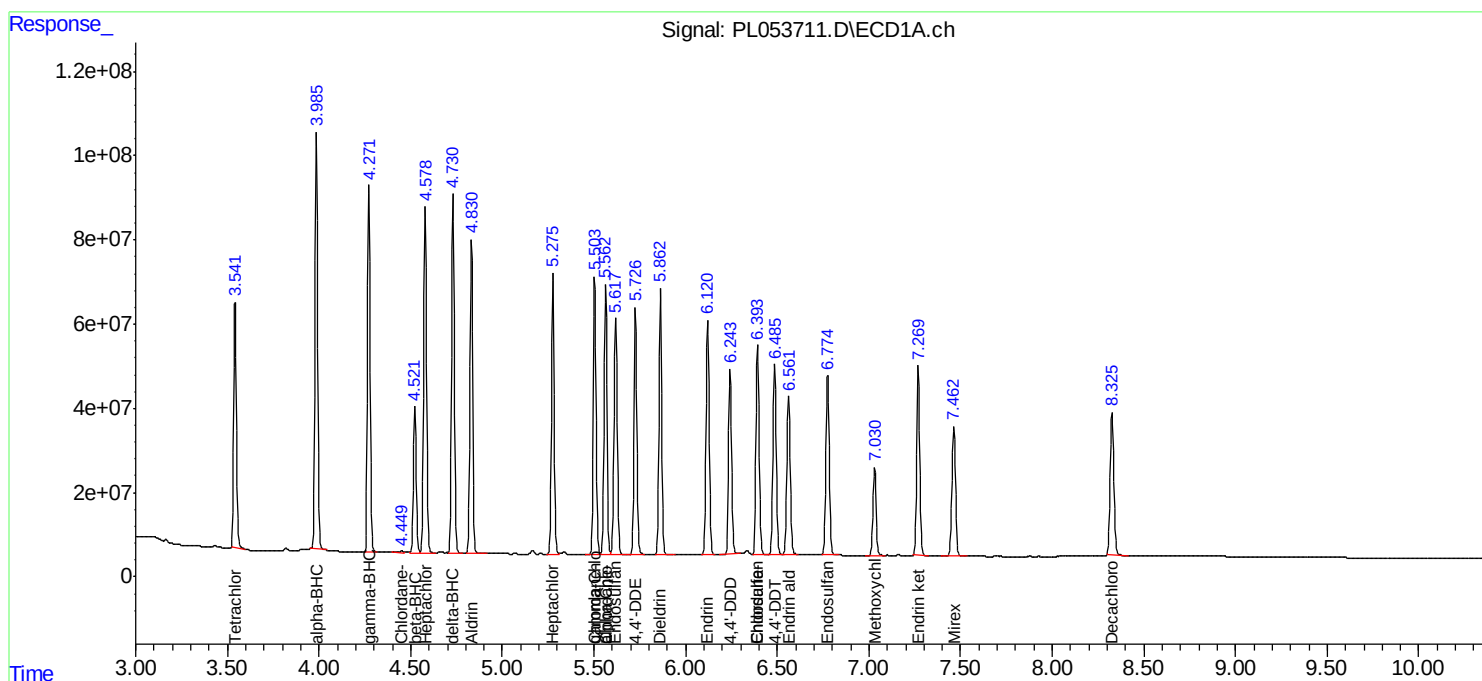
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

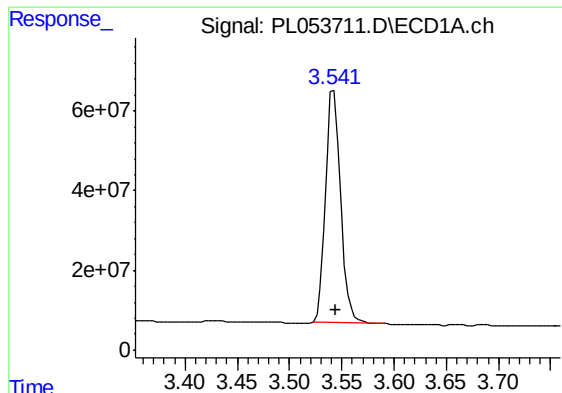
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102419\  
Data File : PL053711.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2019 21:36  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 01:26:04 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

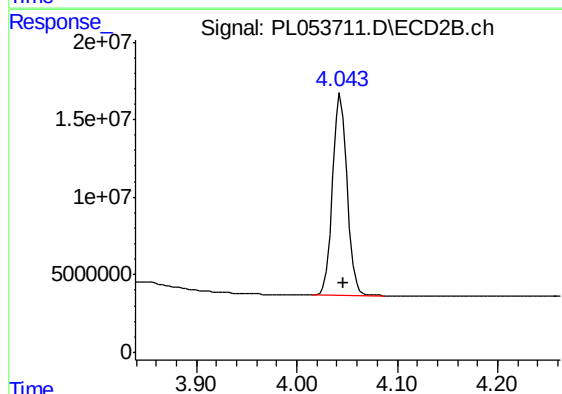




#1 Tetrachloro-m-xylene

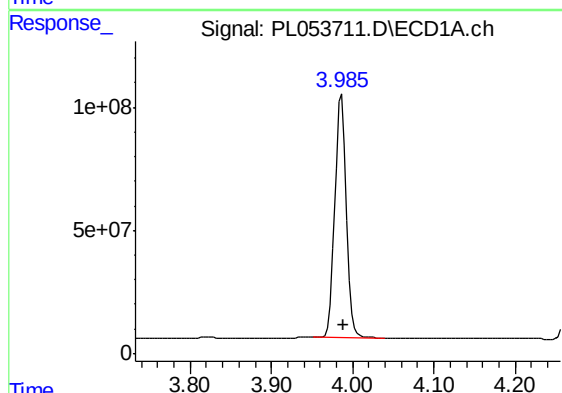
R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 587672517  
Conc: 54.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



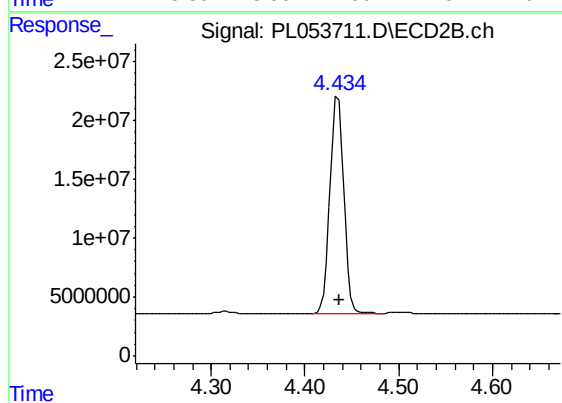
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: -0.002 min  
Response: 131038014  
Conc: 52.37 ng/ml



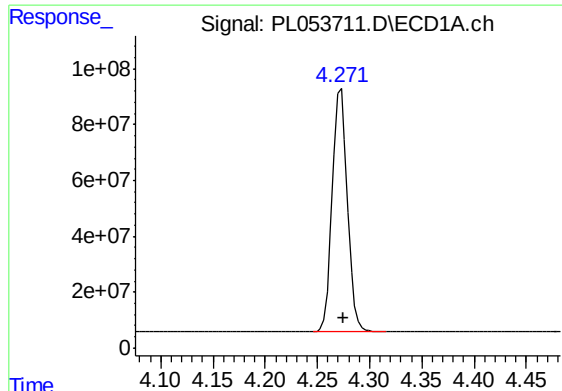
#2 alpha-BHC

R.T.: 3.986 min  
Delta R.T.: -0.002 min  
Response: 966400886  
Conc: 55.42 ng/ml



#2 alpha-BHC

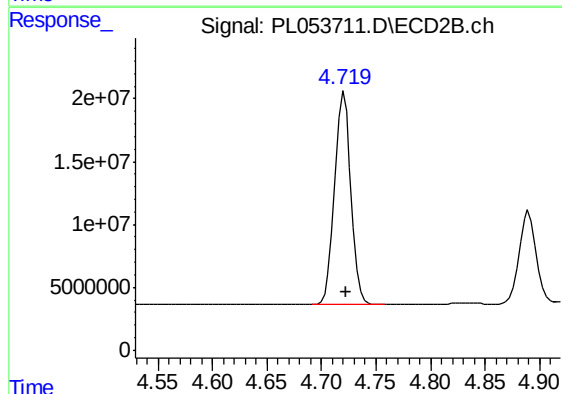
R.T.: 4.435 min  
Delta R.T.: -0.001 min  
Response: 188771491  
Conc: 54.60 ng/ml



#3 gamma-BHC (Lindane)

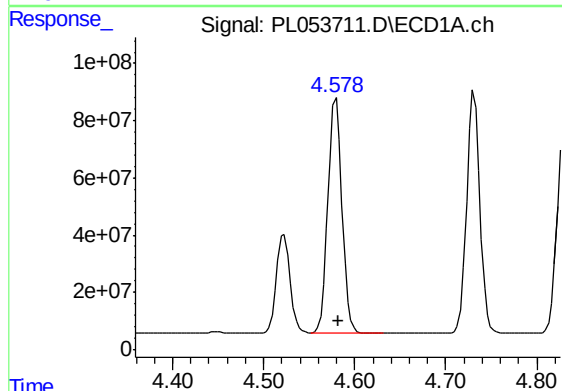
R.T.: 4.273 min  
Delta R.T.: -0.002 min  
Response: 875309935  
Conc: 56.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



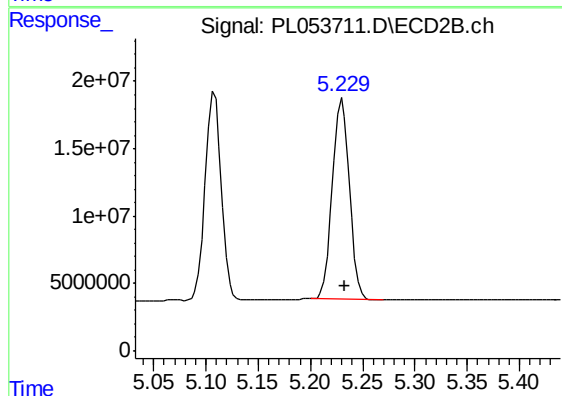
#3 gamma-BHC (Lindane)

R.T.: 4.721 min  
Delta R.T.: -0.002 min  
Response: 175563190  
Conc: 54.52 ng/ml



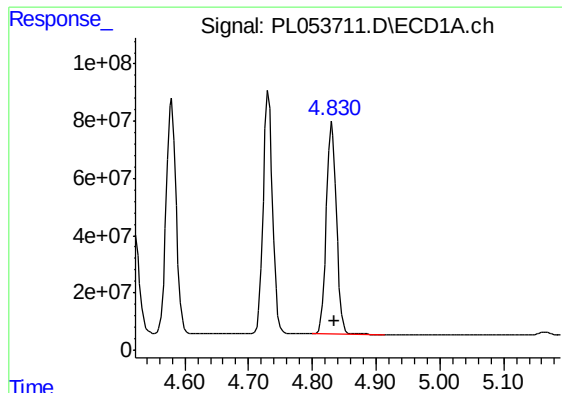
#4 Heptachlor

R.T.: 4.579 min  
Delta R.T.: -0.003 min  
Response: 880618693  
Conc: 55.80 ng/ml



#4 Heptachlor

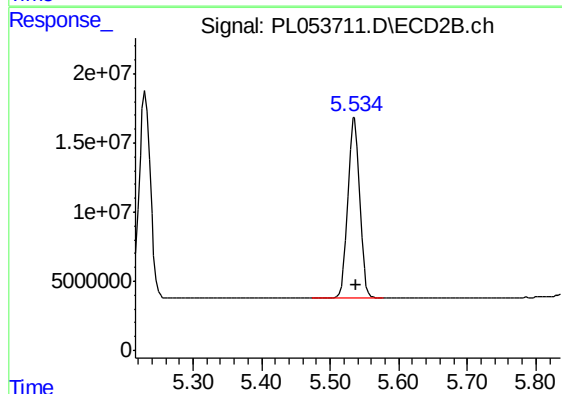
R.T.: 5.231 min  
Delta R.T.: -0.002 min  
Response: 170034116  
Conc: 52.77 ng/ml



#5 Aldrin

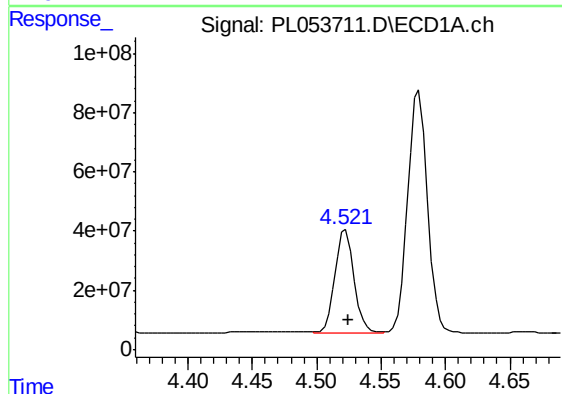
R.T.: 4.831 min  
Delta R.T.: -0.003 min  
Response: 811270478  
Conc: 56.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



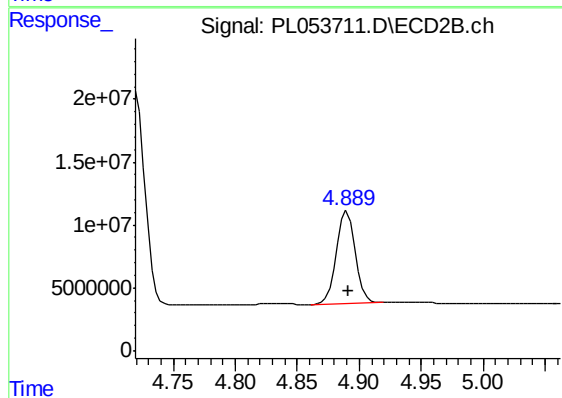
#5 Aldrin

R.T.: 5.536 min  
Delta R.T.: -0.002 min  
Response: 155571780  
Conc: 52.18 ng/ml



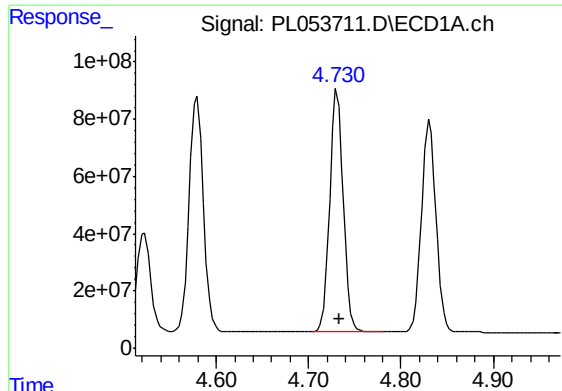
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: -0.002 min  
Response: 359720238  
Conc: 54.59 ng/ml



#6 beta-BHC

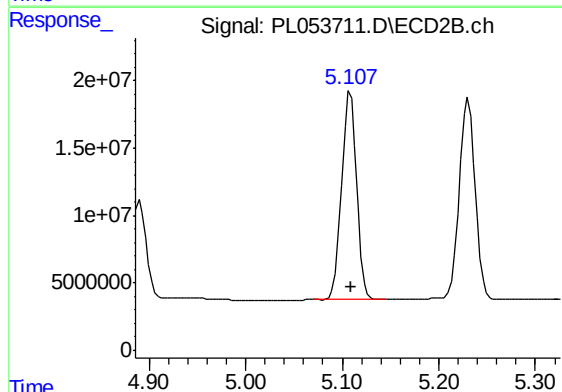
R.T.: 4.890 min  
Delta R.T.: -0.001 min  
Response: 78341308  
Conc: 50.72 ng/ml



#7 delta-BHC

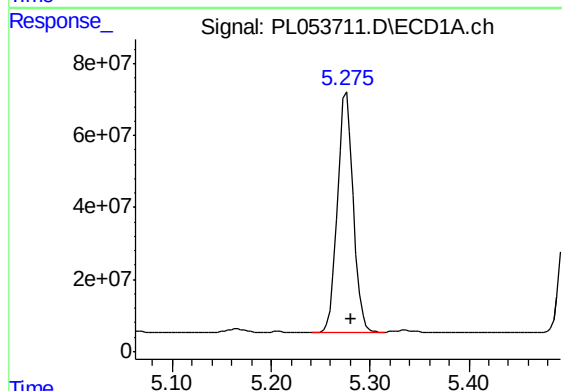
R.T.: 4.731 min  
Delta R.T.: -0.002 min  
Response: 863760535  
Conc: 56.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



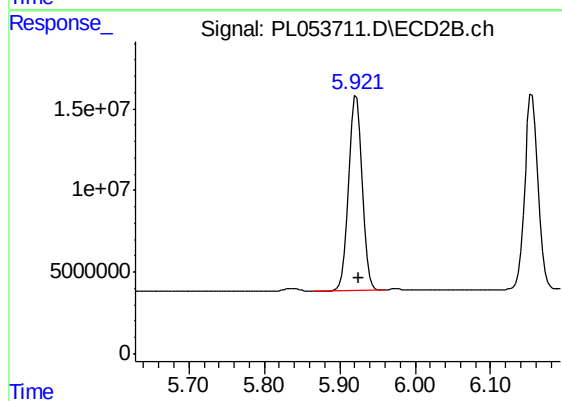
#7 delta-BHC

R.T.: 5.108 min  
Delta R.T.: 0.000 min  
Response: 164405047  
Conc: 54.43 ng/ml



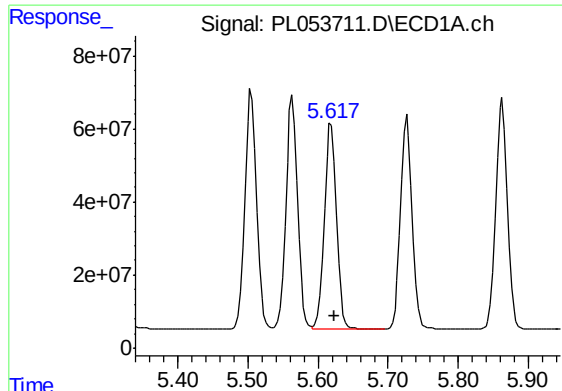
#8 Heptachlor epoxide

R.T.: 5.276 min  
Delta R.T.: -0.004 min  
Response: 744799371  
Conc: 55.17 ng/ml



#8 Heptachlor epoxide

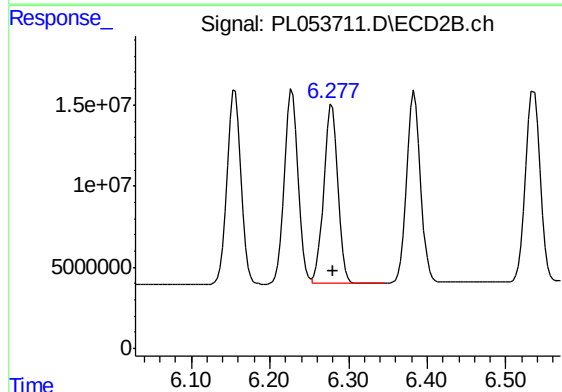
R.T.: 5.922 min  
Delta R.T.: -0.003 min  
Response: 147152675  
Conc: 50.46 ng/ml



#9 Endosulfan I

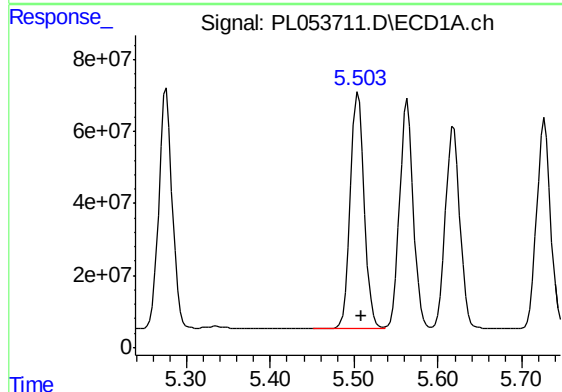
R.T.: 5.619 min  
Delta R.T.: -0.004 min  
Response: 673689980  
Conc: 54.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



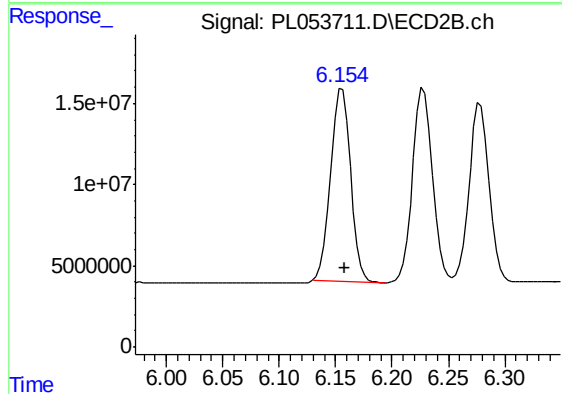
#9 Endosulfan I

R.T.: 6.279 min  
Delta R.T.: -0.003 min  
Response: 138049227  
Conc: 50.92 ng/ml



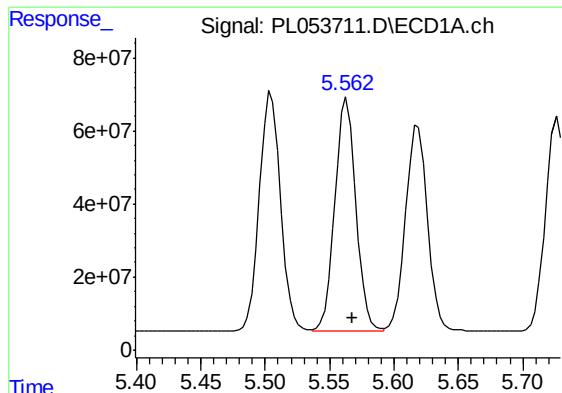
#10 gamma-Chlordane

R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 754902527  
Conc: 55.33 ng/ml



#10 gamma-Chlordane

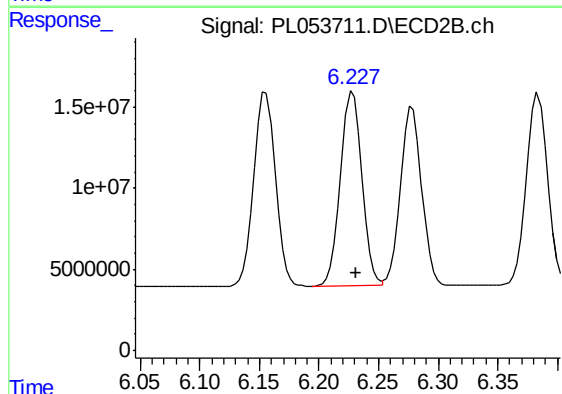
R.T.: 6.156 min  
Delta R.T.: -0.002 min  
Response: 147954795  
Conc: 50.71 ng/ml



#11 alpha-Chlordane

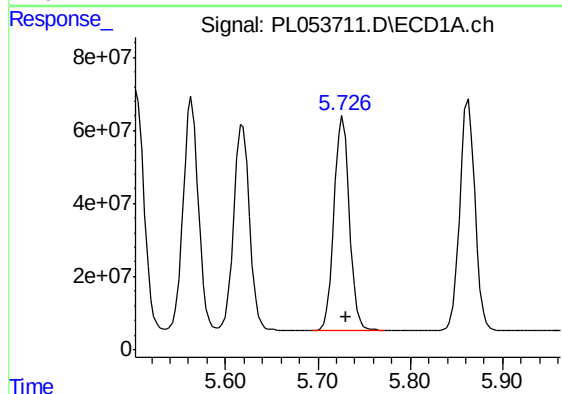
R.T.: 5.563 min  
Delta R.T.: -0.004 min  
Response: 729022972  
Conc: 54.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



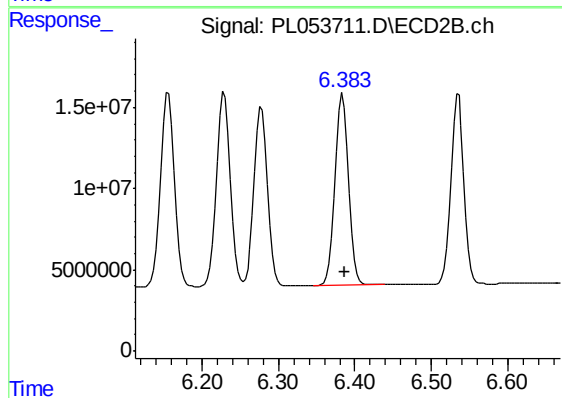
#11 alpha-Chlordane

R.T.: 6.228 min  
Delta R.T.: -0.003 min  
Response: 149249751  
Conc: 51.13 ng/ml



#12 4,4'-DDE

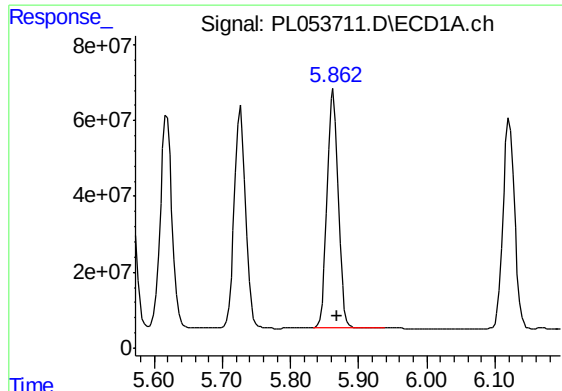
R.T.: 5.727 min  
Delta R.T.: -0.004 min  
Response: 677645582  
Conc: 57.03 ng/ml



#12 4,4'-DDE

R.T.: 6.384 min  
Delta R.T.: -0.003 min  
Response: 145288145  
Conc: 51.59 ng/ml

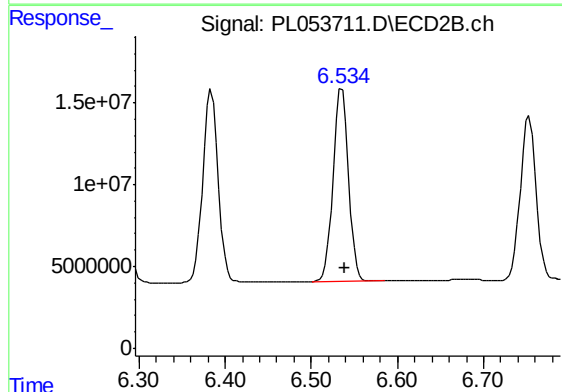




#13 Dielddrin

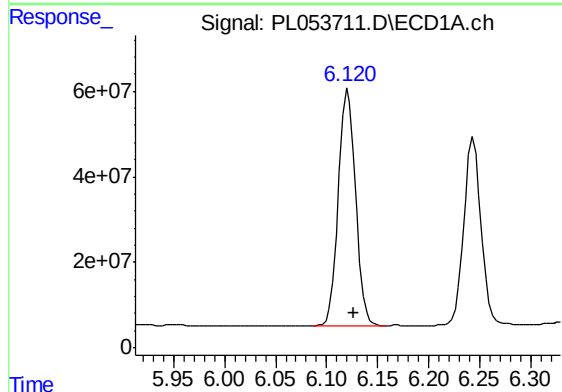
R.T.: 5.863 min  
Delta R.T.: -0.004 min  
Response: 720420429  
Conc: 55.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



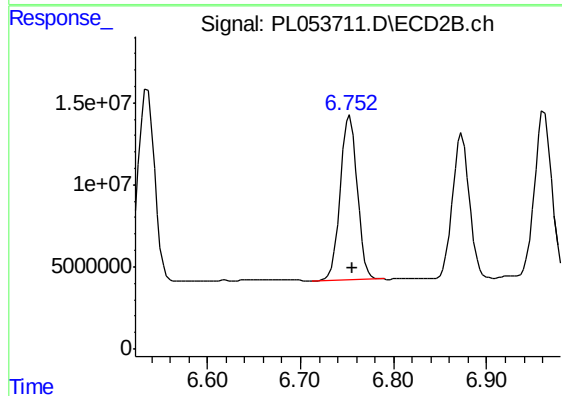
#13 Dielddrin

R.T.: 6.535 min  
Delta R.T.: -0.003 min  
Response: 145808005  
Conc: 51.10 ng/ml



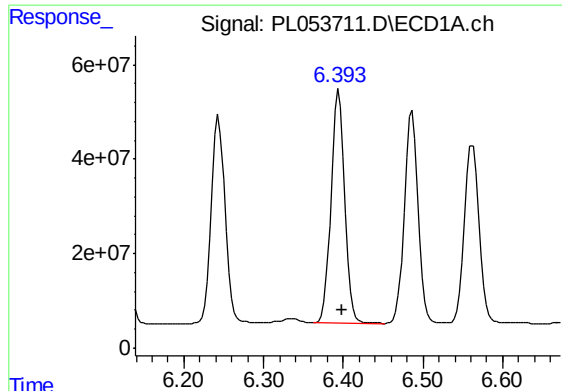
#14 Endrin

R.T.: 6.121 min  
Delta R.T.: -0.005 min  
Response: 645992380  
Conc: 55.73 ng/ml



#14 Endrin

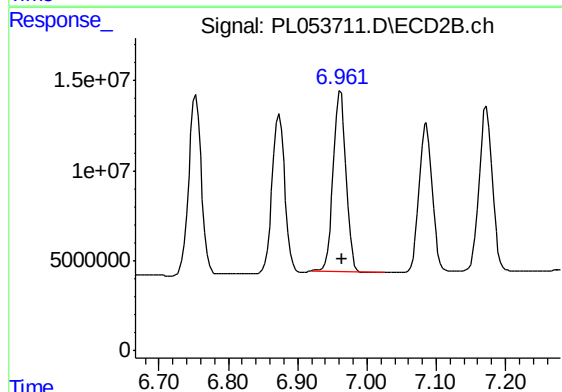
R.T.: 6.753 min  
Delta R.T.: -0.003 min  
Response: 126637667  
Conc: 52.17 ng/ml



#15 Endosulfan II

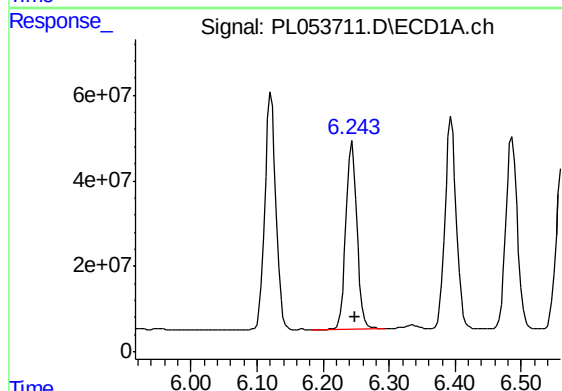
R.T.: 6.394 min  
Delta R.T.: -0.005 min  
Response: 590827951  
Conc: 52.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



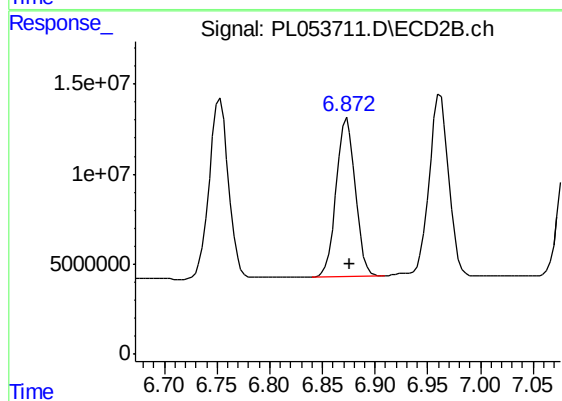
#15 Endosulfan II

R.T.: 6.962 min  
Delta R.T.: -0.003 min  
Response: 129288424  
Conc: 50.61 ng/ml



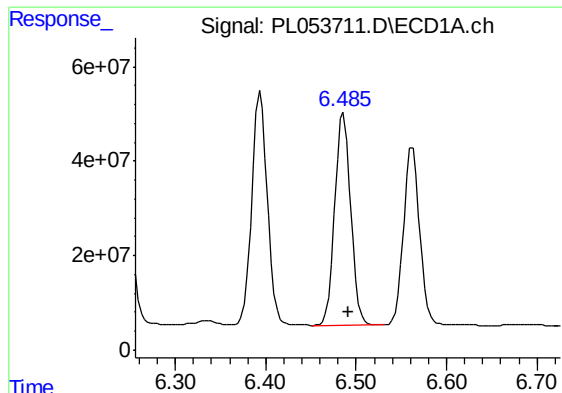
#16 4,4'-DDD

R.T.: 6.244 min  
Delta R.T.: -0.004 min  
Response: 509867921  
Conc: 57.29 ng/ml



#16 4,4'-DDD

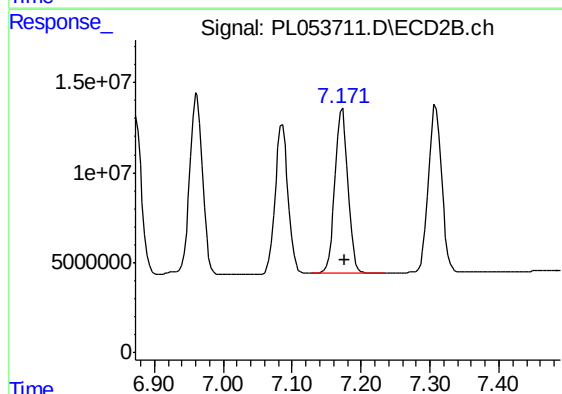
R.T.: 6.874 min  
Delta R.T.: -0.003 min  
Response: 111155771  
Conc: 53.34 ng/ml



#17 4,4'-DDT

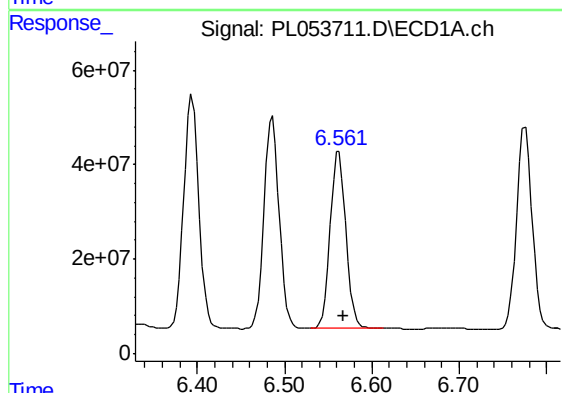
R.T.: 6.486 min  
Delta R.T.: -0.005 min  
Response: 546166466  
Conc: 55.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



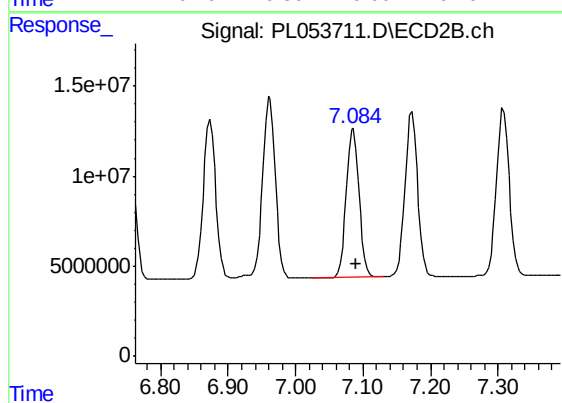
#17 4,4'-DDT

R.T.: 7.173 min  
Delta R.T.: -0.003 min  
Response: 120242894  
Conc: 52.00 ng/ml



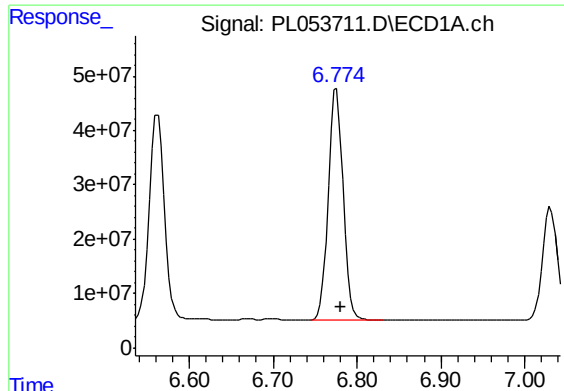
#18 Endrin aldehyde

R.T.: 6.562 min  
Delta R.T.: -0.005 min  
Response: 470500569  
Conc: 51.31 ng/ml



#18 Endrin aldehyde

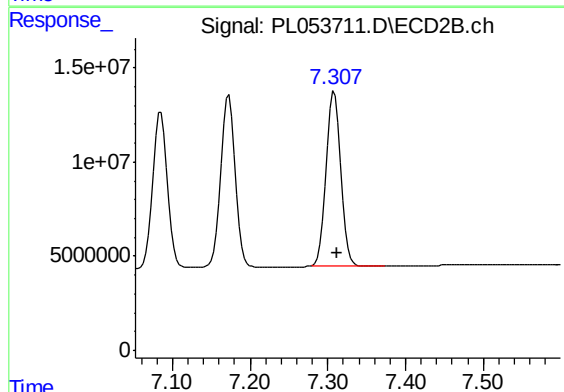
R.T.: 7.086 min  
Delta R.T.: -0.003 min  
Response: 109801182  
Conc: 49.98 ng/ml



#19 Endosulfan Sulfate

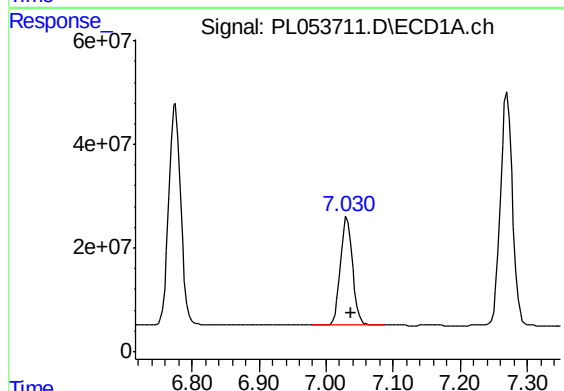
R.T.: 6.776 min  
Delta R.T.: -0.006 min  
Response: 527546936  
Conc: 51.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



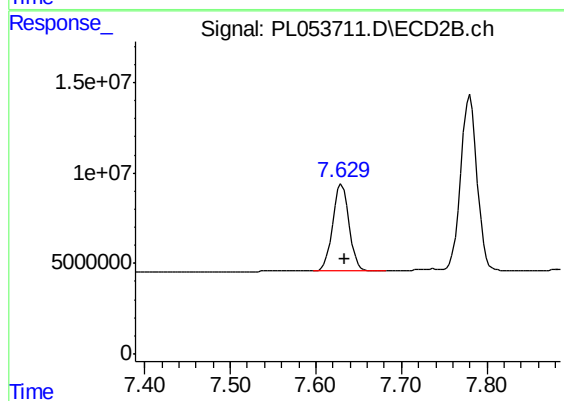
#19 Endosulfan Sulfate

R.T.: 7.308 min  
Delta R.T.: -0.003 min  
Response: 123056735  
Conc: 50.15 ng/ml



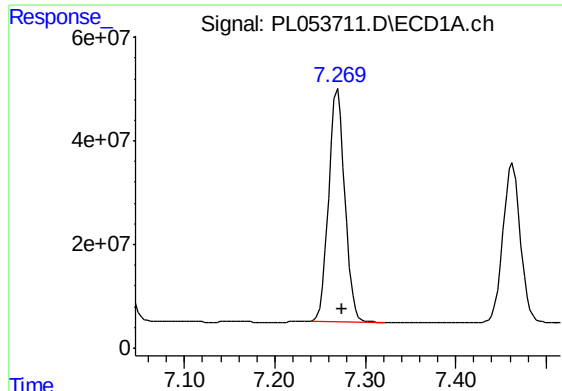
#20 Methoxychlor

R.T.: 7.031 min  
Delta R.T.: -0.006 min  
Response: 263203340  
Conc: 53.38 ng/ml



#20 Methoxychlor

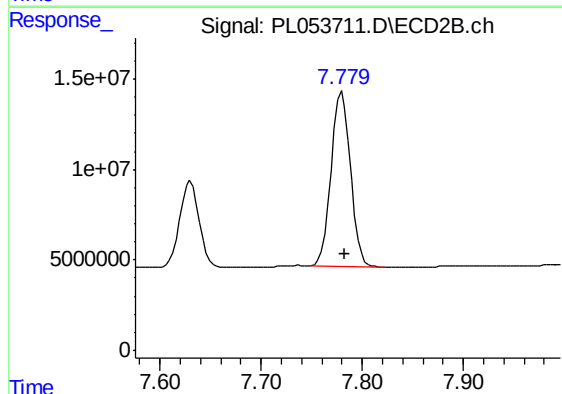
R.T.: 7.631 min  
Delta R.T.: -0.003 min  
Response: 64251365  
Conc: 49.47 ng/ml



#21 Endrin ketone

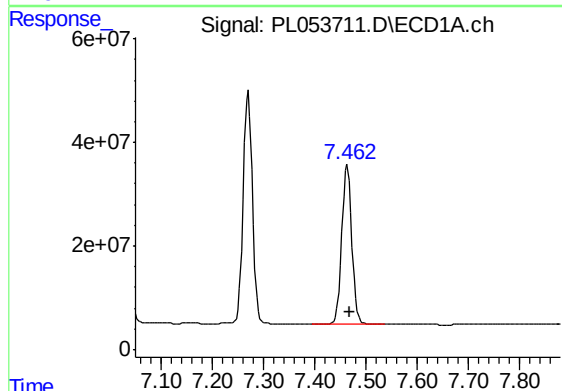
R.T.: 7.270 min  
Delta R.T.: -0.005 min  
Response: 558625968  
Conc: 51.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



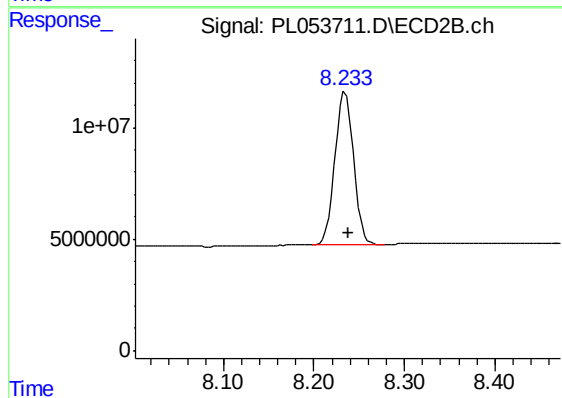
#21 Endrin ketone

R.T.: 7.780 min  
Delta R.T.: -0.003 min  
Response: 127370575  
Conc: 49.40 ng/ml



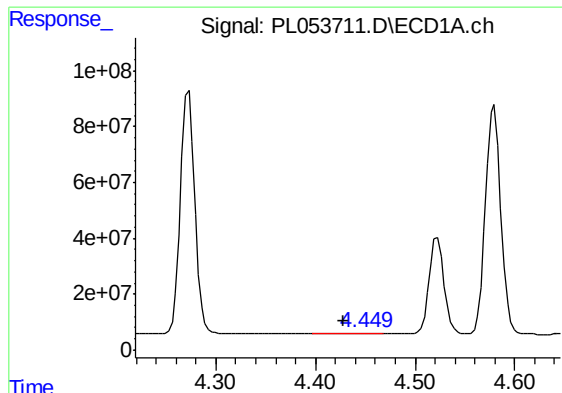
#22 Mirex

R.T.: 7.463 min  
Delta R.T.: -0.006 min  
Response: 417460358  
Conc: 48.81 ng/ml



#22 Mirex

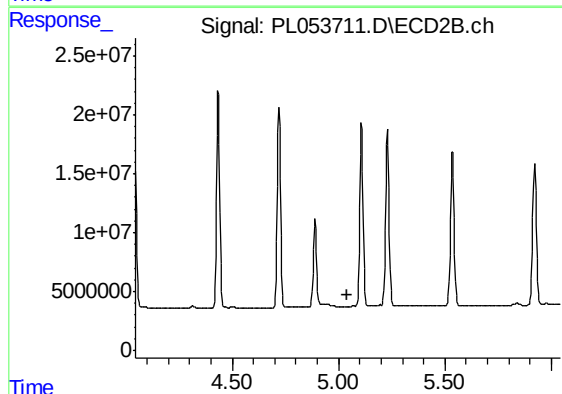
R.T.: 8.235 min  
Delta R.T.: -0.004 min  
Response: 97669722  
Conc: 48.28 ng/ml



#23 Chlordane-1

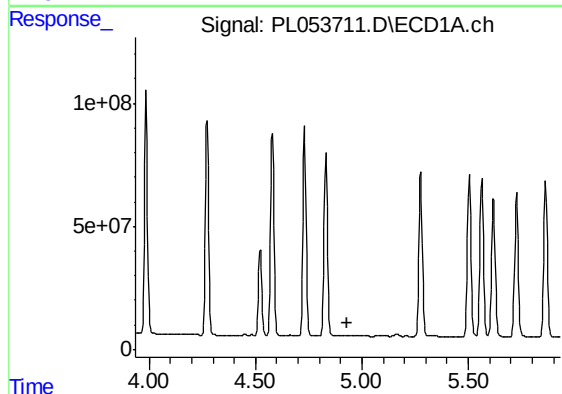
R.T.: 4.450 min  
Delta R.T.: 0.022 min  
Response: 5013324  
Conc: 14.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



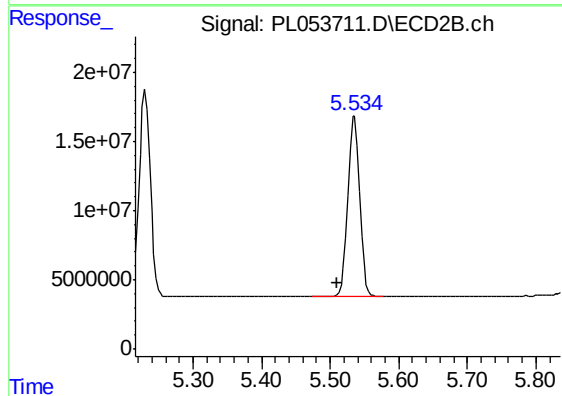
#23 Chlordane-1

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



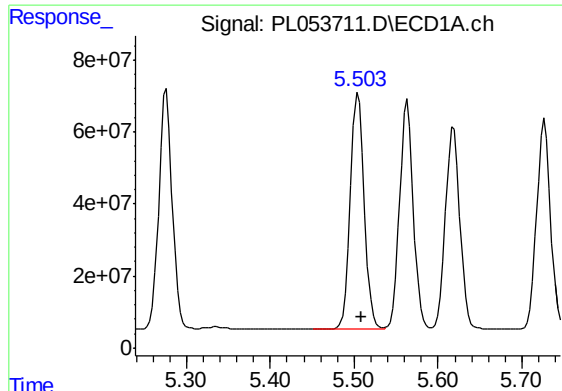
#24 Chlordane-2

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



#24 Chlordane-2

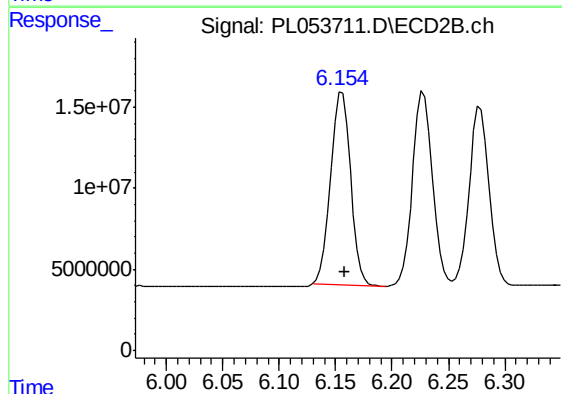
R.T.: 5.536 min  
Delta R.T.: 0.025 min  
Response: 155571780  
Conc: 1583.89 ng/ml



#25 Chlordane-3

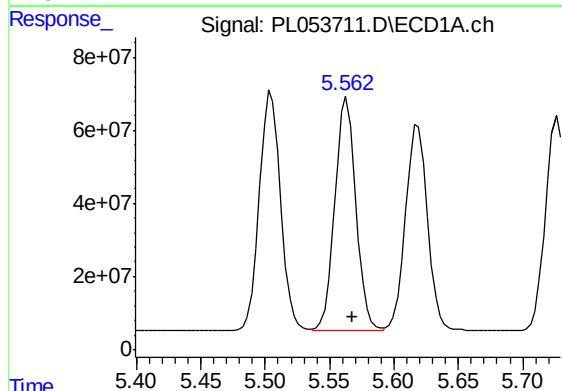
R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 754902527  
Conc: 654.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



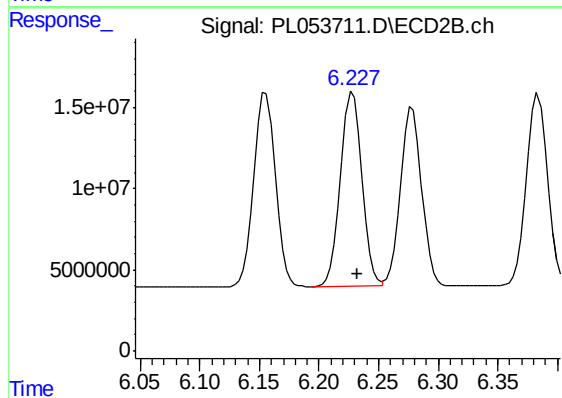
#25 Chlordane-3

R.T.: 6.156 min  
Delta R.T.: -0.003 min  
Response: 147954795  
Conc: 405.10 ng/ml



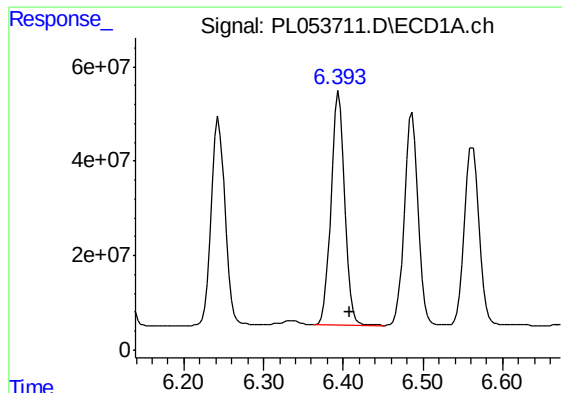
#26 Chlordane-4

R.T.: 5.563 min  
Delta R.T.: -0.004 min  
Response: 729022972  
Conc: 777.66 ng/ml



#26 Chlordane-4

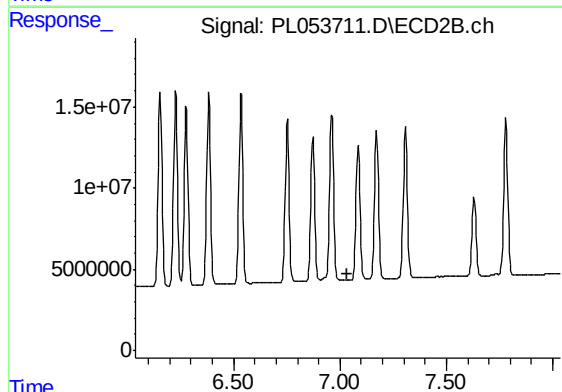
R.T.: 6.228 min  
Delta R.T.: -0.004 min  
Response: 149249751  
Conc: 332.45 ng/ml



#27 Chlordane-5

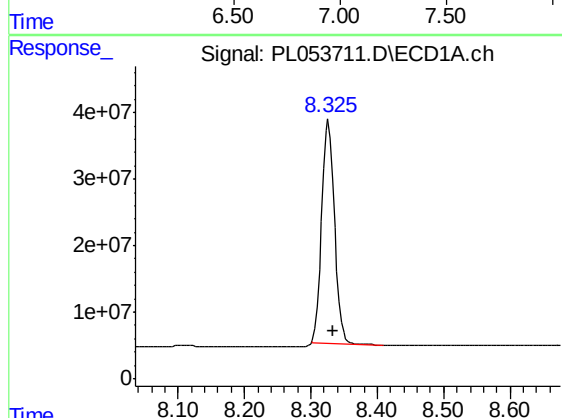
R.T.: 6.394 min  
Delta R.T.: -0.015 min  
Response: 590827951  
Conc: 1616.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



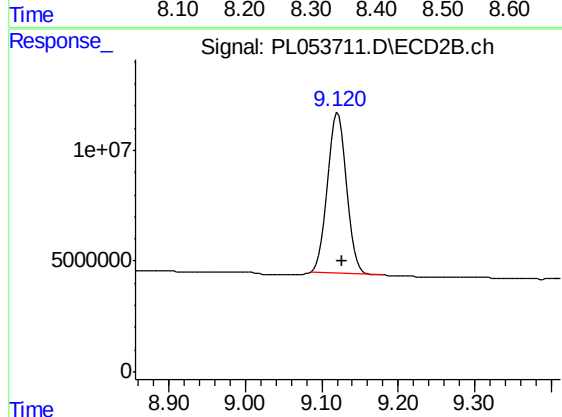
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.327 min  
Delta R.T.: -0.007 min  
Response: 452002304  
Conc: 46.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.121 min  
Delta R.T.: -0.005 min  
Response: 125023740  
Conc: 44.40 ng/ml