

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070319\  
 Data File : PL050186.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jul 2019 23:02  
 Operator : SM\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: Jul 03 23:45:34 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 21 02:23:20 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... | 3.321 | 3.932  | 595.7E6  | 163.1E6  | 52.819   | 53.256     |
| 28)                         | SA Decachlor... | 7.984 | 8.964  | 651.2E6  | 180.4E6  | 51.248   | 53.723     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.748 | 4.320  | 1007.5E6 | 246.2E6  | 53.625   | 55.006     |
| 3)                          | MA gamma-BHC... | 4.024 | 4.604  | 925.0E6  | 230.2E6  | 52.171   | 55.503     |
| 4)                          | MA Heptachlor   | 4.308 | 5.106  | 976.7E6  | 240.6E6  | 53.730   | 55.583     |
| 5)                          | MB Aldrin       | 4.546 | 5.408  | 945.6E6  | 222.0E6  | 54.759   | 56.670     |
| 6)                          | B beta-BHC      | 4.278 | 4.779  | 389.6E6  | 104.5E6  | 53.268   | 53.937     |
| 7)                          | B delta-BHC     | 4.471 | 4.993  | 971.7E6  | 224.7E6  | 54.334   | 57.038     |
| 8)                          | B Heptachlor... | 4.982 | 5.795  | 846.5E6  | 206.0E6  | 52.584   | 56.647     |
| 9)                          | A Endosulfan I  | 5.313 | 6.149  | 789.5E6  | 187.8E6  | 51.026   | 55.264     |
| 10)                         | B gamma-Chl...  | 5.205 | 6.029  | 907.5E6  | 209.6E6  | 53.102   | 56.258     |
| 11)                         | B alpha-Chl...  | 5.261 | 6.100  | 875.5E6  | 205.1E6  | 52.745   | 55.461     |
| 12)                         | B 4,4'-DDE      | 5.428 | 6.260  | 748.0E6  | 198.3E6  | 44.901   | 57.148 #   |
| 13)                         | MA Dieldrin     | 5.552 | 6.406  | 885.2E6  | 198.6E6  | 53.138   | 55.986     |
| 14)                         | MA Endrin       | 5.804 | 6.623  | 827.2E6  | 165.5E6  | 51.652   | 52.423     |
| 15)                         | B Endosulfa...  | 6.079 | 6.835  | 735.1E6  | 169.2E6  | 50.445   | 52.523     |
| 16)                         | A 4,4'-DDD      | 5.939 | 6.751  | 747.9E6  | 157.1E6  | 59.245   | 60.087     |
| 17)                         | MA 4,4'-DDT     | 6.172 | 7.047  | 588.3E6  | 129.6E6  | 44.316   | 44.259     |
| 18)                         | B Endrin al...  | 6.246 | 6.959  | 595.7E6  | 141.5E6  | 50.432   | 51.514     |
| 19)                         | B Endosulfa...  | 6.458 | 7.182  | 645.7E6  | 153.0E6  | 49.804   | 50.825     |
| 20)                         | A Methoxychlor  | 6.718 | 7.508  | 294.4E6  | 77337408 | 45.158   | 46.399     |
| 21)                         | B Endrin ke...  | 6.939 | 7.650  | 651.9E6  | 156.9E6  | 46.385   | 50.354     |
| 22)                         | Mirex           | 7.112 | 8.099  | 455.4E6  | 118.1E6  | 44.053   | 46.699     |
| 24)                         | Chlordane-2     | 0.000 | 5.408f | 0        | 222.0E6  | N.D.     | 1429.001 # |
| 25)                         | Chlordane-3     | 5.205 | 6.029  | 907.5E6  | 209.6E6  | 483.145  | 421.282    |
| 26)                         | Chlordane-4     | 5.261 | 6.100  | 875.5E6  | 205.1E6  | 501.685  | 345.117 #  |
| 27)                         | Chlordane-5     | 6.079 | 0.000  | 735.1E6  | 0        | 1309.776 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

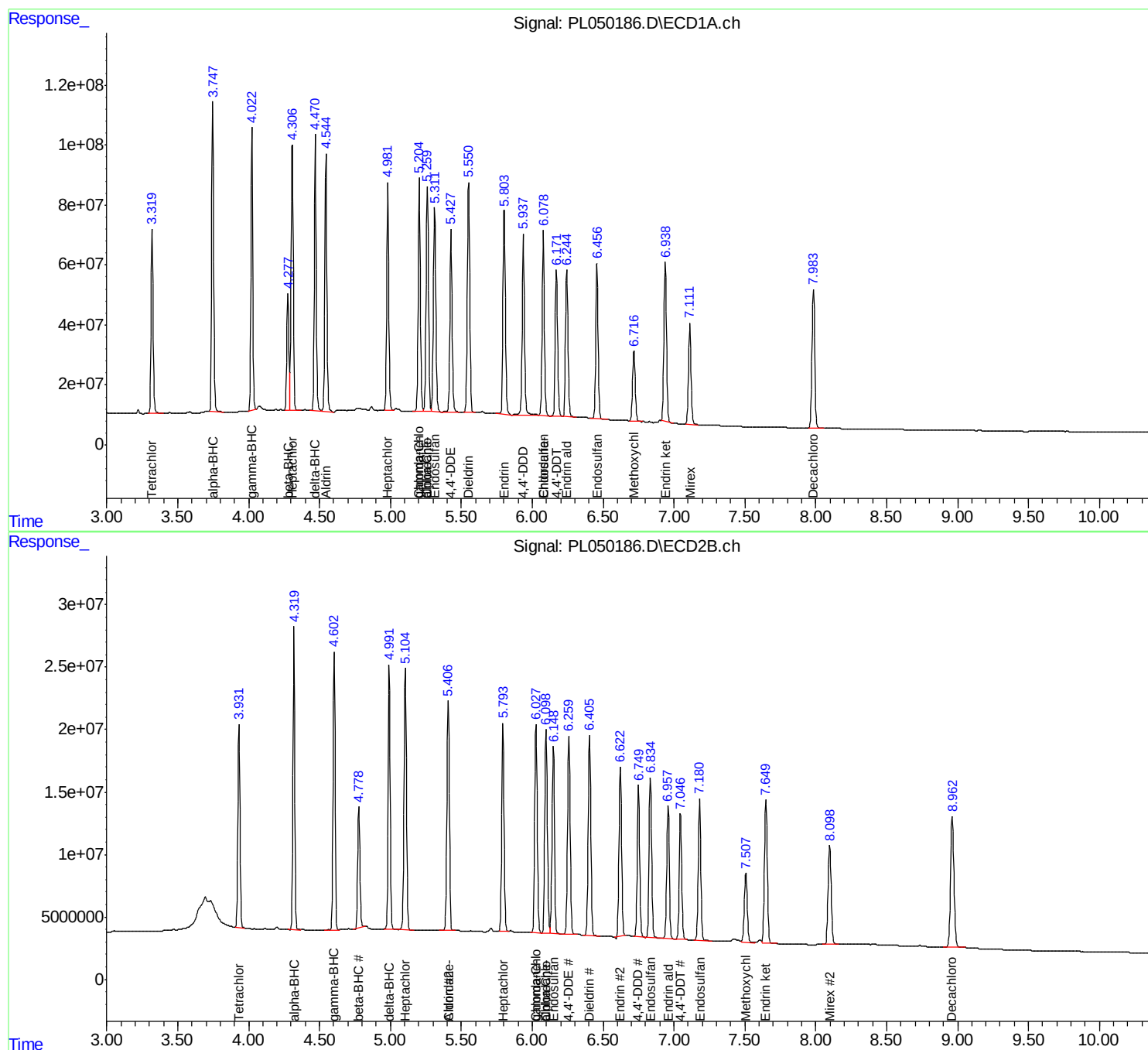
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

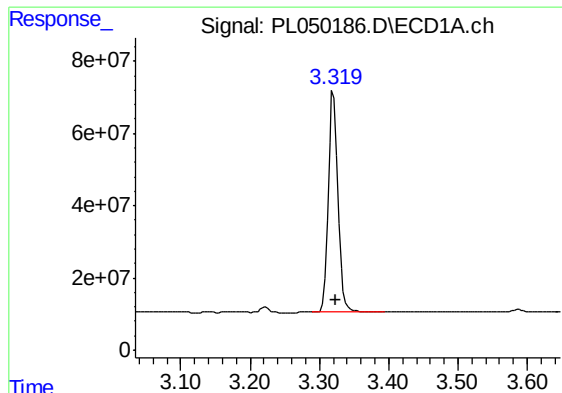
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070319\  
Data File : PL050186.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2019 23:02  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 03 23:45:34 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 21 02:23:20 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

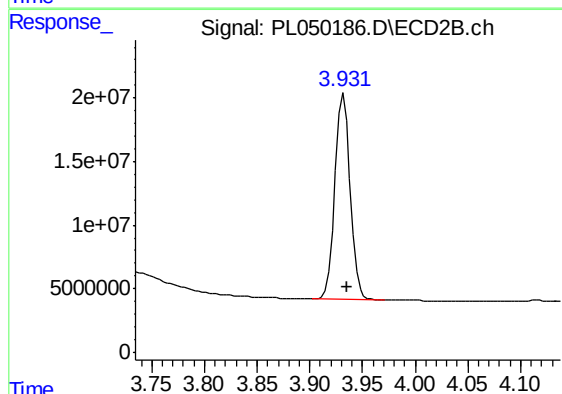




#1 Tetrachloro-m-xylene

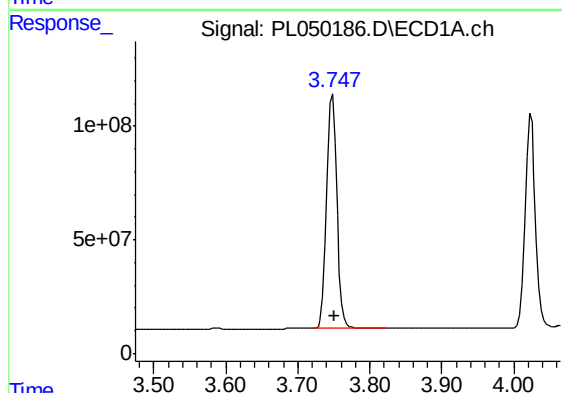
R.T.: 3.321 min  
Delta R.T.: -0.003 min  
Response: 595676446  
Conc: 52.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



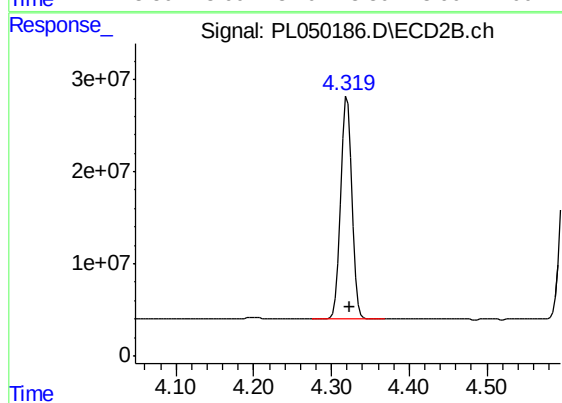
#1 Tetrachloro-m-xylene

R.T.: 3.932 min  
Delta R.T.: -0.003 min  
Response: 163056157  
Conc: 53.26 ng/ml



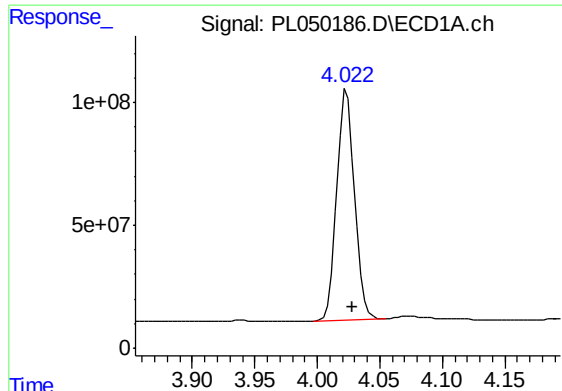
#2 alpha-BHC

R.T.: 3.748 min  
Delta R.T.: -0.004 min  
Response: 1007472404  
Conc: 53.63 ng/ml



#2 alpha-BHC

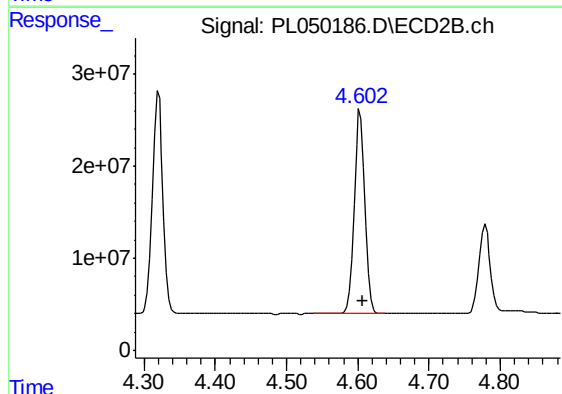
R.T.: 4.320 min  
Delta R.T.: -0.003 min  
Response: 246238695  
Conc: 55.01 ng/ml



#3 gamma-BHC (Lindane)

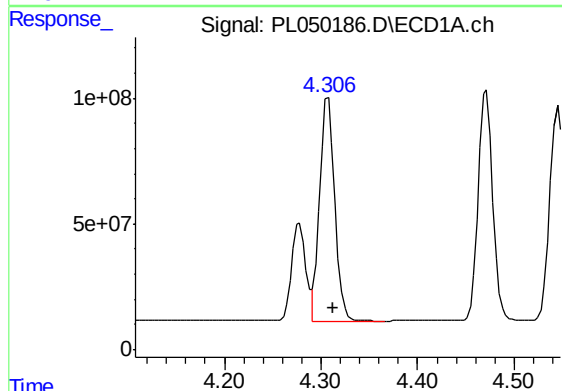
R.T.: 4.024 min  
Delta R.T.: -0.004 min  
Response: 925025270  
Conc: 52.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



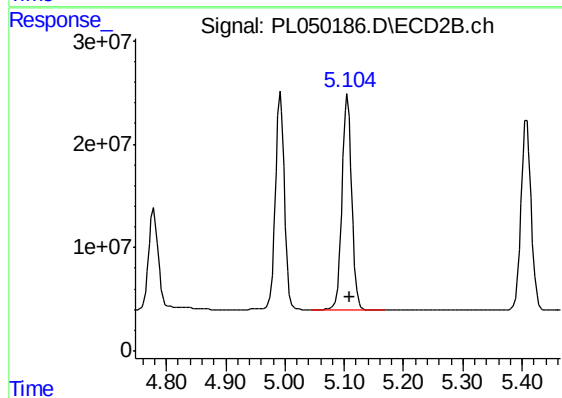
#3 gamma-BHC (Lindane)

R.T.: 4.604 min  
Delta R.T.: -0.004 min  
Response: 230216199  
Conc: 55.50 ng/ml



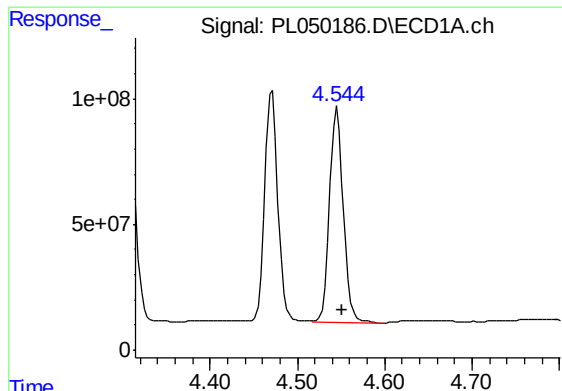
#4 Heptachlor

R.T.: 4.308 min  
Delta R.T.: -0.005 min  
Response: 976660723  
Conc: 53.73 ng/ml



#4 Heptachlor

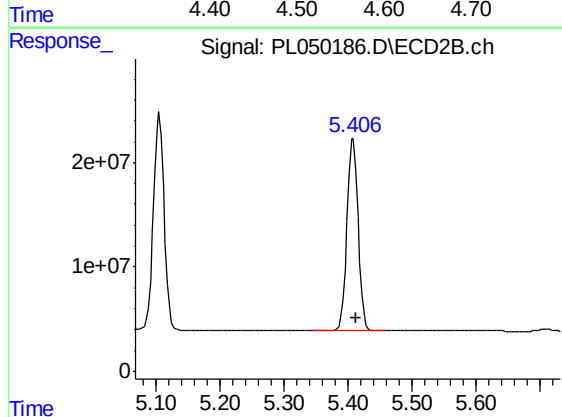
R.T.: 5.106 min  
Delta R.T.: -0.005 min  
Response: 240585960  
Conc: 55.58 ng/ml



#5 Aldrin

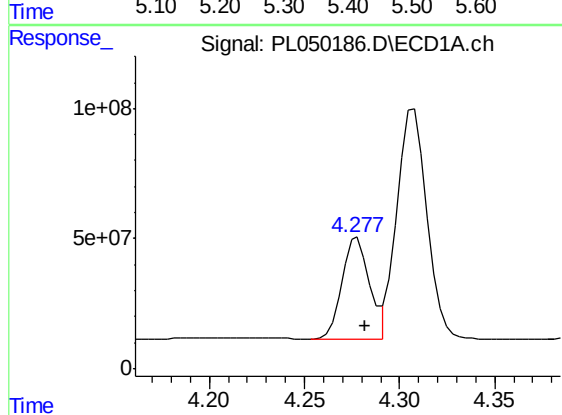
R.T.: 4.546 min  
Delta R.T.: -0.005 min  
Response: 945570775  
Conc: 54.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



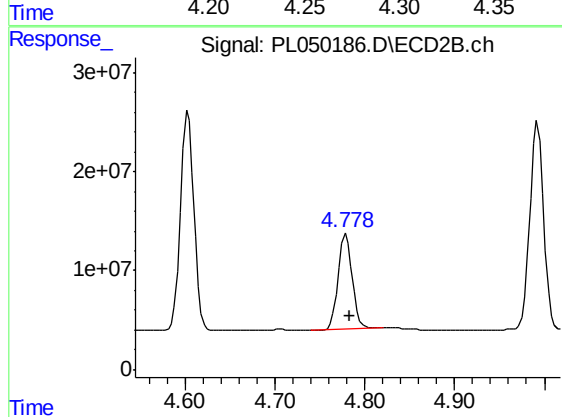
#5 Aldrin

R.T.: 5.408 min  
Delta R.T.: -0.005 min  
Response: 221981411  
Conc: 56.67 ng/ml



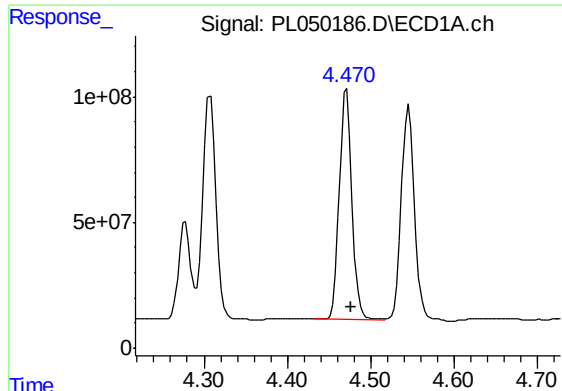
#6 beta-BHC

R.T.: 4.278 min  
Delta R.T.: -0.004 min  
Response: 389647834  
Conc: 53.27 ng/ml



#6 beta-BHC

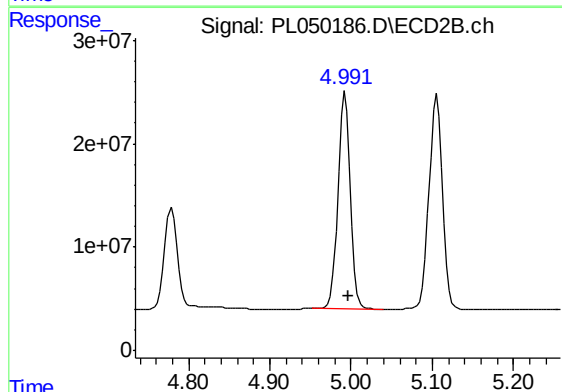
R.T.: 4.779 min  
Delta R.T.: -0.004 min  
Response: 104478564  
Conc: 53.94 ng/ml



#7 delta-BHC

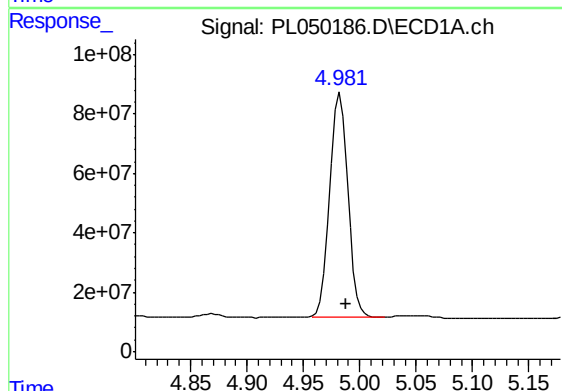
R.T.: 4.471 min  
Delta R.T.: -0.005 min  
Response: 971693920  
Conc: 54.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



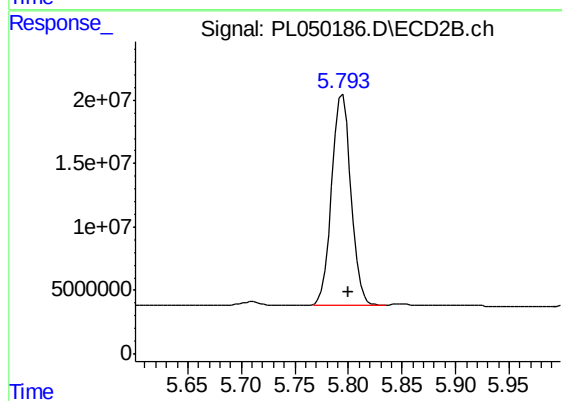
#7 delta-BHC

R.T.: 4.993 min  
Delta R.T.: -0.004 min  
Response: 224666737  
Conc: 57.04 ng/ml



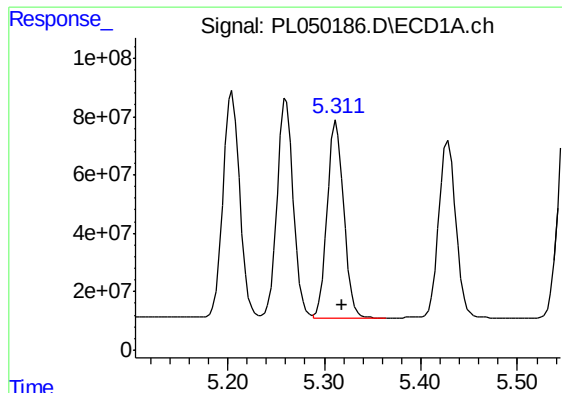
#8 Heptachlor epoxide

R.T.: 4.982 min  
Delta R.T.: -0.005 min  
Response: 846463717  
Conc: 52.58 ng/ml



#8 Heptachlor epoxide

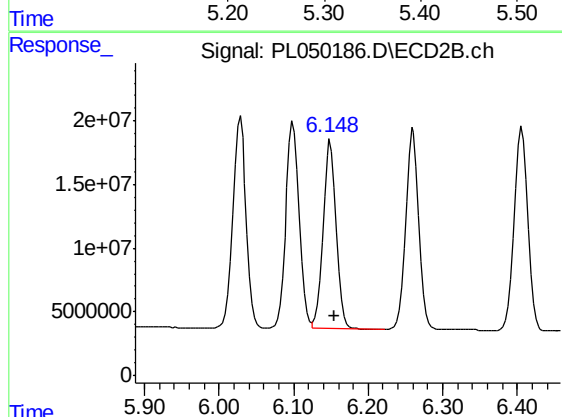
R.T.: 5.795 min  
Delta R.T.: -0.005 min  
Response: 205956492  
Conc: 56.65 ng/ml



#9 Endosulfan I

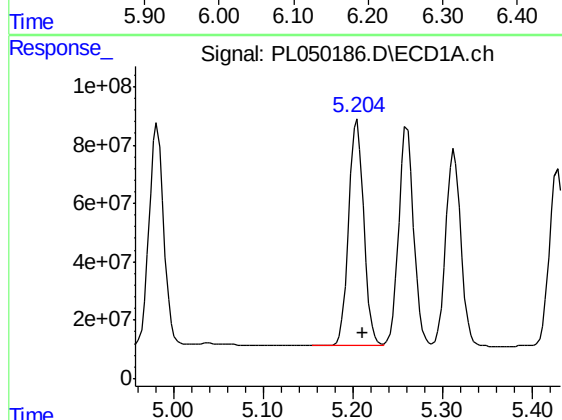
R.T.: 5.313 min  
Delta R.T.: -0.006 min  
Response: 789503426  
Conc: 51.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



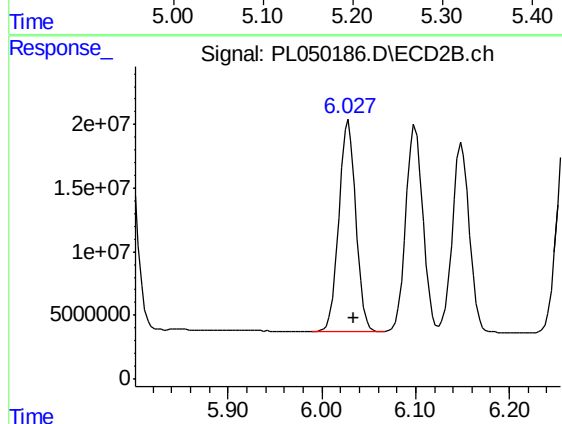
#9 Endosulfan I

R.T.: 6.149 min  
Delta R.T.: -0.006 min  
Response: 187753409  
Conc: 55.26 ng/ml



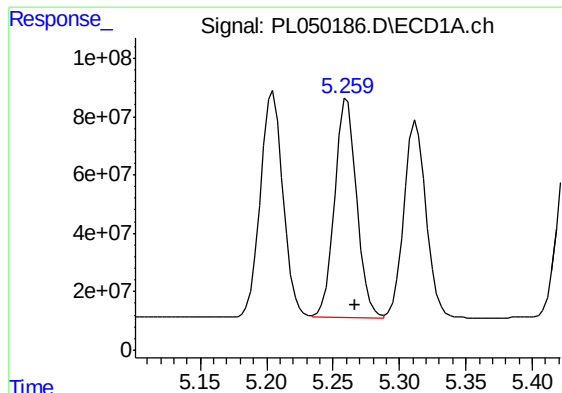
#10 gamma-Chlordane

R.T.: 5.205 min  
Delta R.T.: -0.005 min  
Response: 907451147  
Conc: 53.10 ng/ml



#10 gamma-Chlordane

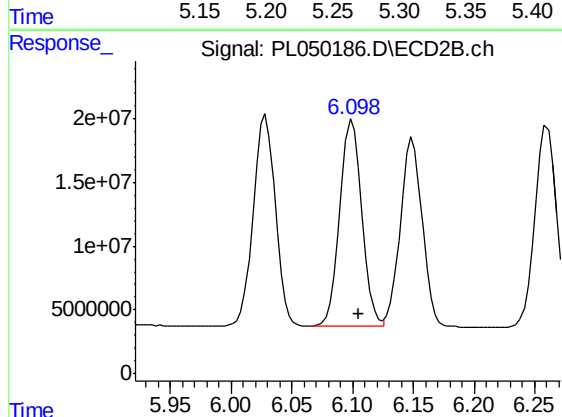
R.T.: 6.029 min  
Delta R.T.: -0.005 min  
Response: 209640730  
Conc: 56.26 ng/ml



#11 alpha-Chlordane

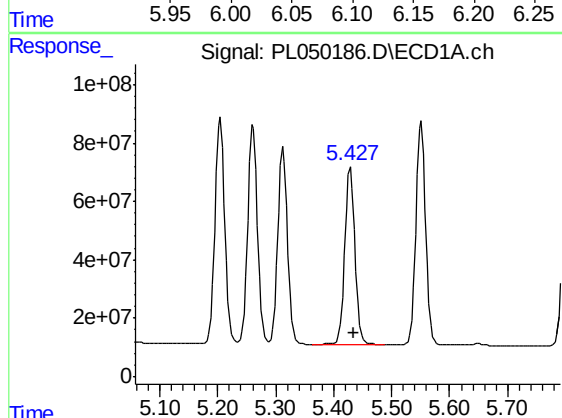
R.T.: 5.261 min  
Delta R.T.: -0.006 min  
Response: 875510340  
Conc: 52.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



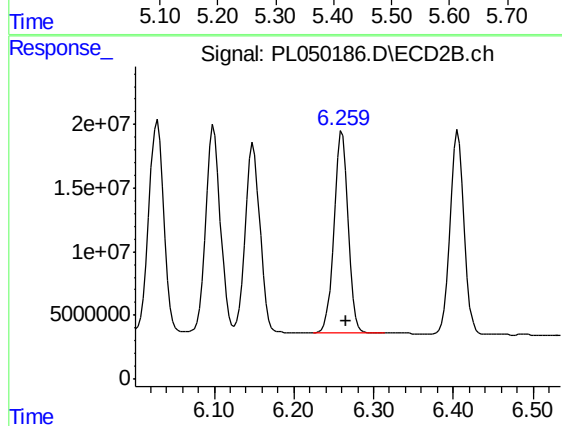
#11 alpha-Chlordane

R.T.: 6.100 min  
Delta R.T.: -0.006 min  
Response: 205118146  
Conc: 55.46 ng/ml



#12 4,4'-DDE

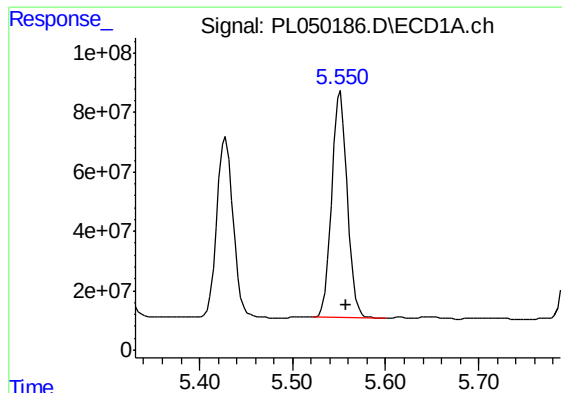
R.T.: 5.428 min  
Delta R.T.: -0.006 min  
Response: 748004539  
Conc: 44.90 ng/ml



#12 4,4'-DDE

R.T.: 6.260 min  
Delta R.T.: -0.005 min  
Response: 198310515  
Conc: 57.15 ng/ml

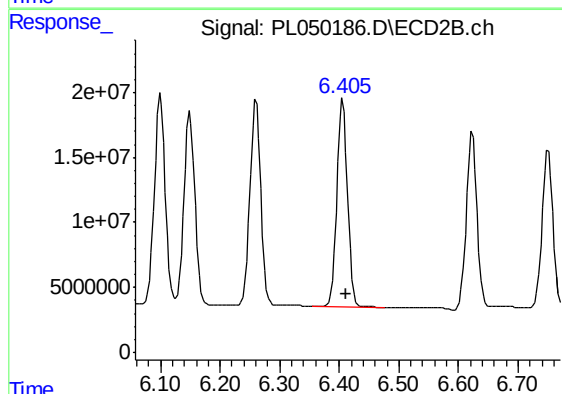




#13 Dielldrin

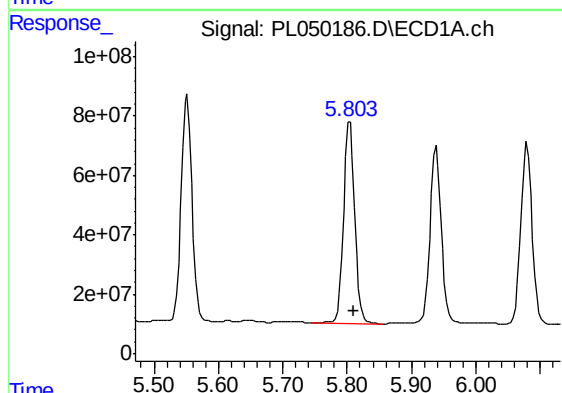
R.T.: 5.552 min  
Delta R.T.: -0.006 min  
Response: 885168237  
Conc: 53.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



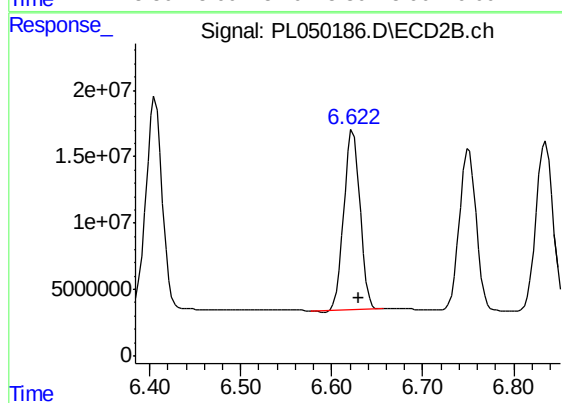
#13 Dielldrin

R.T.: 6.406 min  
Delta R.T.: -0.006 min  
Response: 198611120  
Conc: 55.99 ng/ml



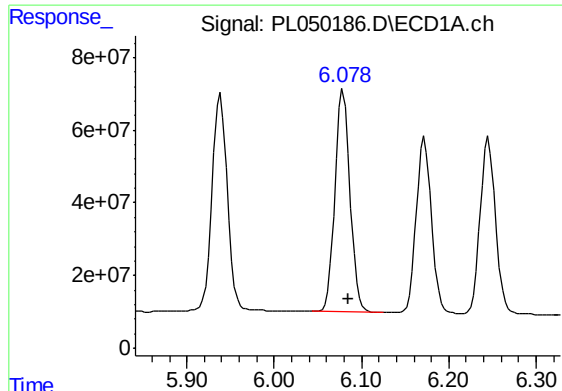
#14 Endrin

R.T.: 5.804 min  
Delta R.T.: -0.006 min  
Response: 827187578  
Conc: 51.65 ng/ml



#14 Endrin

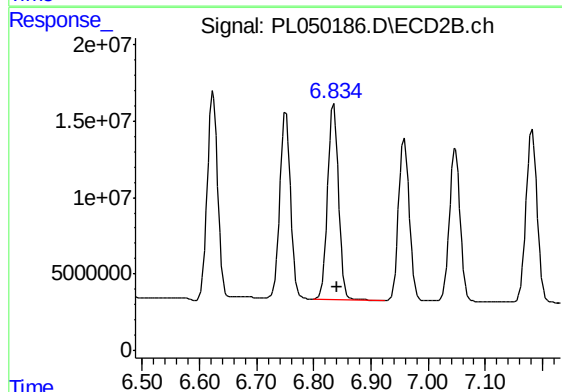
R.T.: 6.623 min  
Delta R.T.: -0.006 min  
Response: 165508886  
Conc: 52.42 ng/ml



#15 Endosulfan II

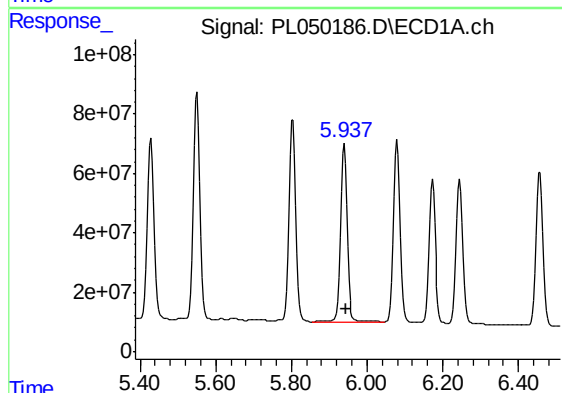
R.T.: 6.079 min  
Delta R.T.: -0.006 min  
Response: 735055538  
Conc: 50.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



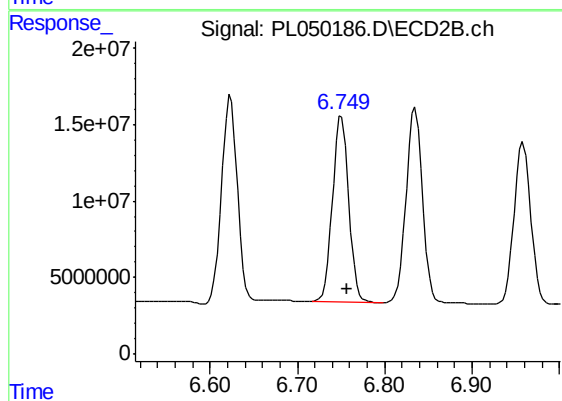
#15 Endosulfan II

R.T.: 6.835 min  
Delta R.T.: -0.006 min  
Response: 169172076  
Conc: 52.52 ng/ml



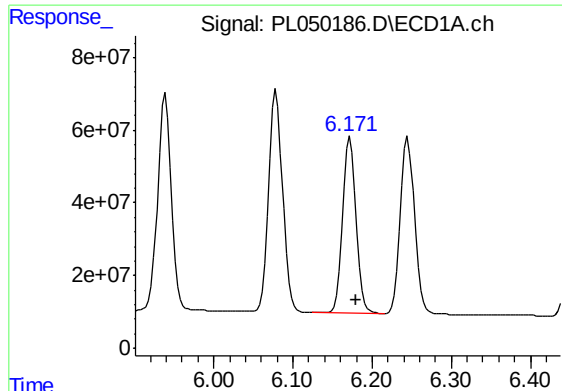
#16 4,4'-DDD

R.T.: 5.939 min  
Delta R.T.: -0.006 min  
Response: 747905107  
Conc: 59.24 ng/ml



#16 4,4'-DDD

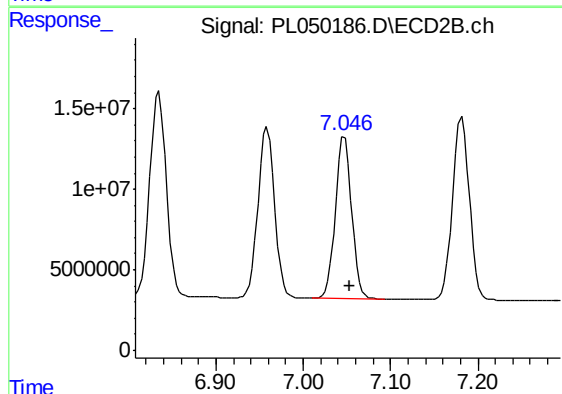
R.T.: 6.751 min  
Delta R.T.: -0.006 min  
Response: 157081247  
Conc: 60.09 ng/ml



#17 4,4'-DDT

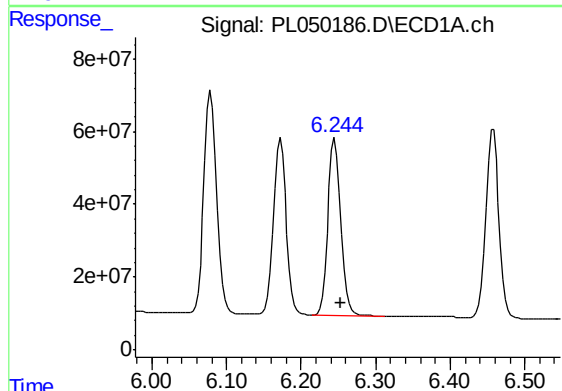
R.T.: 6.172 min  
Delta R.T.: -0.007 min  
Response: 588326399  
Conc: 44.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



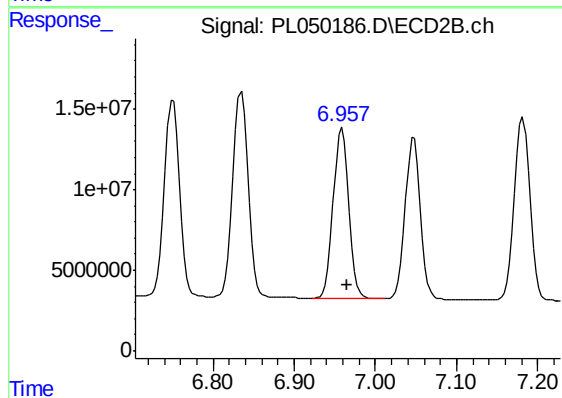
#17 4,4'-DDT

R.T.: 7.047 min  
Delta R.T.: -0.007 min  
Response: 129625559  
Conc: 44.26 ng/ml



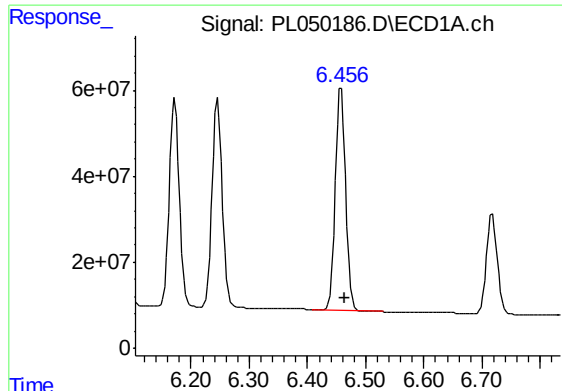
#18 Endrin aldehyde

R.T.: 6.246 min  
Delta R.T.: -0.007 min  
Response: 595683187  
Conc: 50.43 ng/ml



#18 Endrin aldehyde

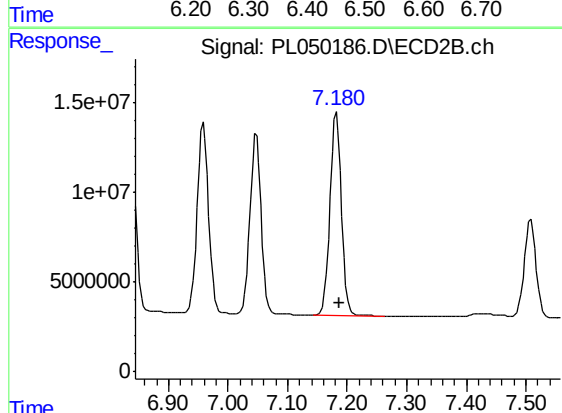
R.T.: 6.959 min  
Delta R.T.: -0.006 min  
Response: 141477649  
Conc: 51.51 ng/ml



#19 Endosulfan Sulfate

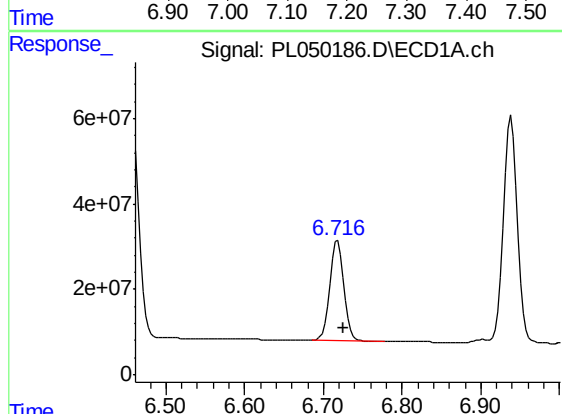
R.T.: 6.458 min  
Delta R.T.: -0.006 min  
Response: 645730040  
Conc: 49.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



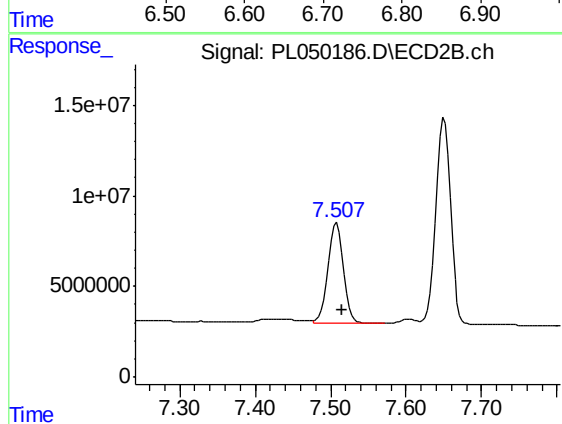
#19 Endosulfan Sulfate

R.T.: 7.182 min  
Delta R.T.: -0.006 min  
Response: 152961653  
Conc: 50.82 ng/ml



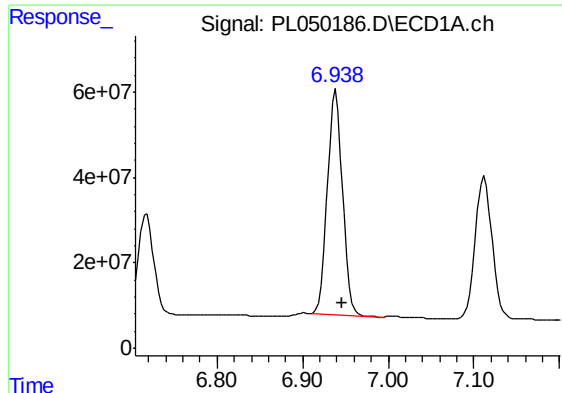
#20 Methoxychlor

R.T.: 6.718 min  
Delta R.T.: -0.007 min  
Response: 294352068  
Conc: 45.16 ng/ml



#20 Methoxychlor

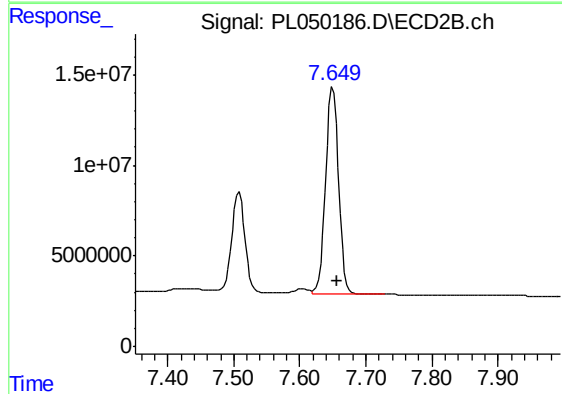
R.T.: 7.508 min  
Delta R.T.: -0.006 min  
Response: 77337408  
Conc: 46.40 ng/ml



#21 Endrin ketone

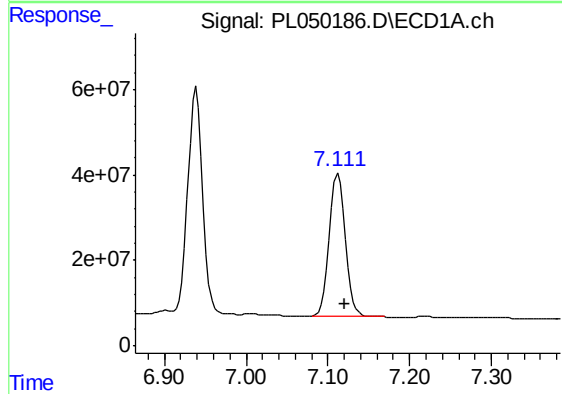
R.T.: 6.939 min  
Delta R.T.: -0.007 min  
Response: 651948817  
Conc: 46.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



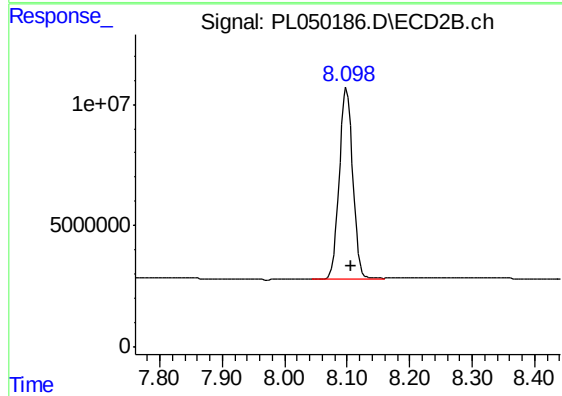
#21 Endrin ketone

R.T.: 7.650 min  
Delta R.T.: -0.007 min  
Response: 156911473  
Conc: 50.35 ng/ml



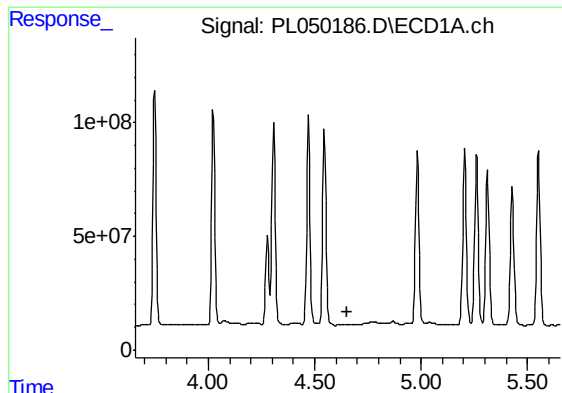
#22 Mirex

R.T.: 7.112 min  
Delta R.T.: -0.008 min  
Response: 455368155  
Conc: 44.05 ng/ml



#22 Mirex

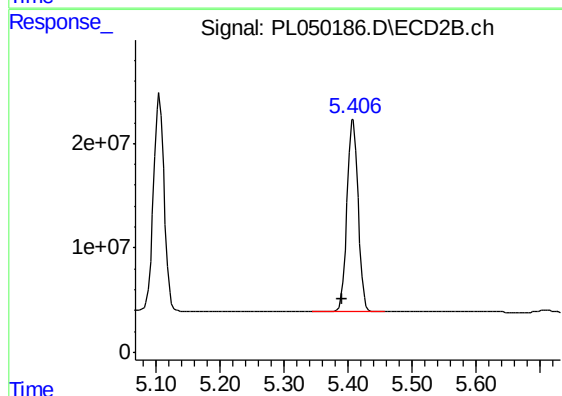
R.T.: 8.099 min  
Delta R.T.: -0.007 min  
Response: 118087543  
Conc: 46.70 ng/ml



#24 Chlordane-2

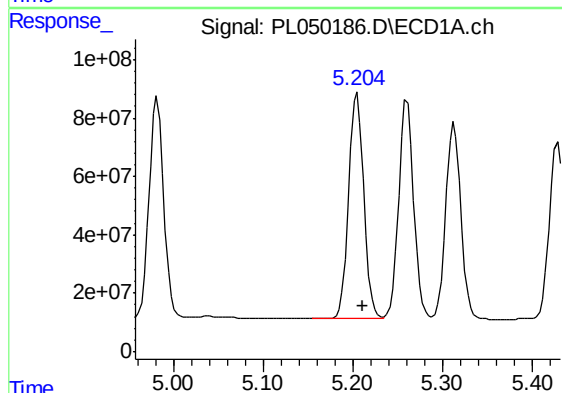
R.T.: 0.000 min  
Exp R.T.: 4.655 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



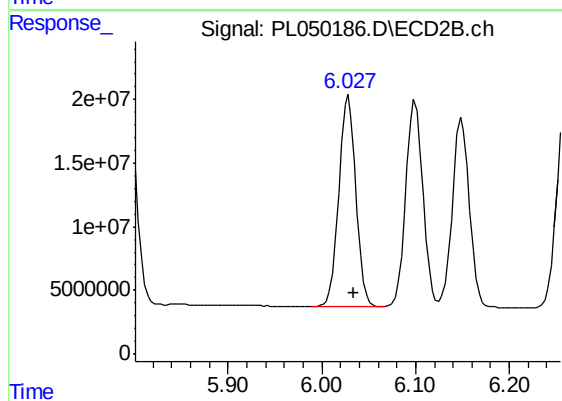
#24 Chlordane-2

R.T.: 5.408 min  
Delta R.T.: 0.018 min  
Response: 221981411  
Conc: 1429.00 ng/ml



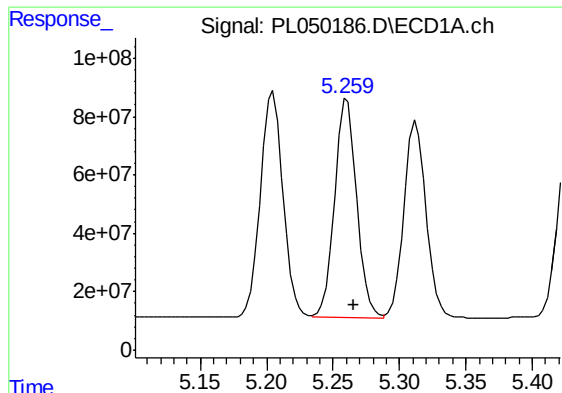
#25 Chlordane-3

R.T.: 5.205 min  
Delta R.T.: -0.006 min  
Response: 907451147  
Conc: 483.15 ng/ml



#25 Chlordane-3

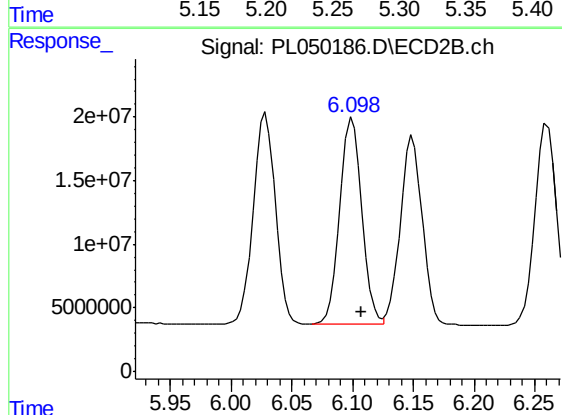
R.T.: 6.029 min  
Delta R.T.: -0.006 min  
Response: 209640730  
Conc: 421.28 ng/ml



#26 Chlordane-4

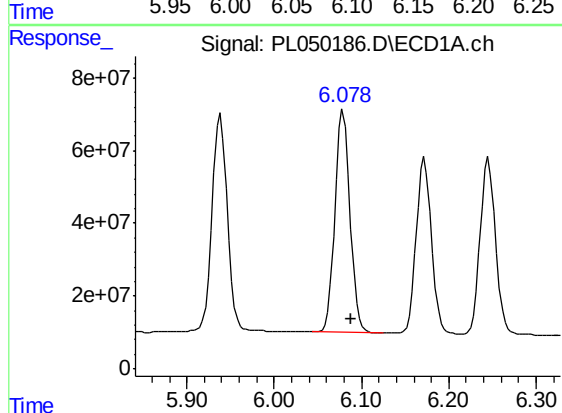
R.T.: 5.261 min  
Delta R.T.: -0.005 min  
Response: 875510340  
Conc: 501.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



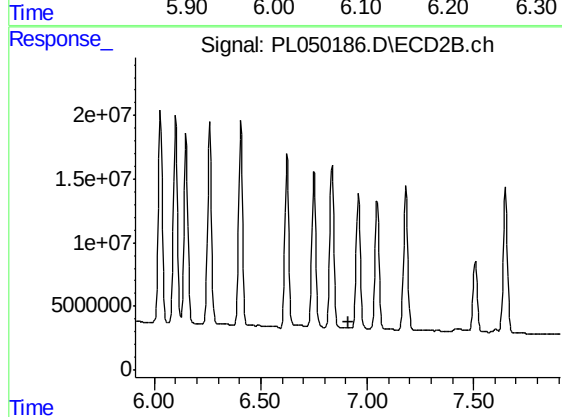
#26 Chlordane-4

R.T.: 6.100 min  
Delta R.T.: -0.008 min  
Response: 205118146  
Conc: 345.12 ng/ml



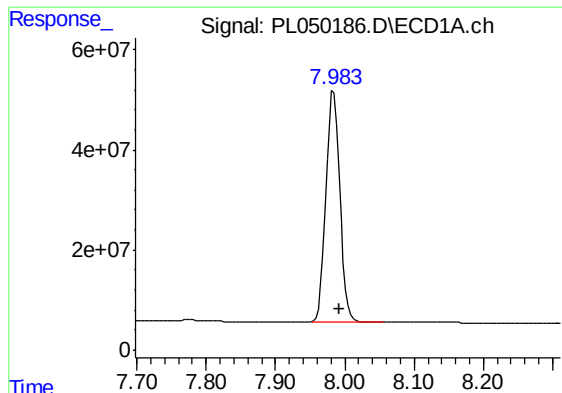
#27 Chlordane-5

R.T.: 6.079 min  
Delta R.T.: -0.009 min  
Response: 735055538  
Conc: 1309.78 ng/ml



#27 Chlordane-5

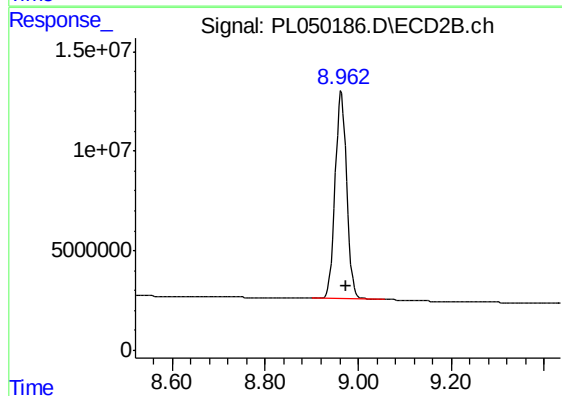
R.T.: 0.000 min  
Exp R.T. : 6.910 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.984 min  
Delta R.T.: -0.008 min  
Response: 651181607  
Conc: 51.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.964 min  
Delta R.T.: -0.009 min  
Response: 180351885  
Conc: 53.72 ng/ml