

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042419\  
 Data File : PL047744.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Apr 2019 05:57  
 Operator : AJ\SJ  
 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: Apr 25 07:54:59 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 25 01:53:03 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... | 3.330 | 3.942 | 507.1E6 | 125.8E6  | 54.834   | 52.710    |
| 28)                         | SA Decachlor... | 8.003 | 8.981 | 464.0E6 | 133.3E6  | 41.448   | 46.712    |
| Target Compounds            |                 |       |       |         |          |          |           |
| 2)                          | A alpha-BHC     | 3.759 | 4.331 | 829.0E6 | 180.6E6  | 56.711   | 54.423    |
| 3)                          | MA gamma-BHC... | 4.035 | 4.614 | 767.7E6 | 168.3E6  | 57.920   | 53.647    |
| 4)                          | MA Heptachlor   | 4.320 | 5.119 | 793.8E6 | 172.3E6  | 55.712   | 51.276    |
| 5)                          | MB Aldrin       | 4.559 | 5.421 | 784.1E6 | 161.6E6  | 56.306   | 51.783    |
| 6)                          | B beta-BHC      | 4.289 | 4.788 | 312.4E6 | 75694979 | 55.299   | 52.536    |
| 7)                          | B delta-BHC     | 4.483 | 5.003 | 747.7E6 | 145.9E6  | 57.559   | 58.091    |
| 8)                          | B Heptachlor... | 4.996 | 5.808 | 693.8E6 | 149.2E6  | 54.138   | 53.368    |
| 9)                          | A Endosulfan I  | 5.328 | 6.163 | 635.0E6 | 138.6E6  | 52.511   | 49.352    |
| 10)                         | B gamma-Chl...  | 5.219 | 6.042 | 711.7E6 | 152.1E6  | 53.458   | 50.246    |
| 11)                         | B alpha-Chl...  | 5.275 | 6.114 | 687.3E6 | 149.9E6  | 52.673   | 49.538    |
| 12)                         | B 4,4'-DDE      | 5.443 | 6.274 | 575.8E6 | 137.6E6  | 46.288   | 49.831    |
| 13)                         | MA Dieldrin     | 5.567 | 6.420 | 678.1E6 | 144.0E6  | 52.231   | 49.266    |
| 14)                         | MA Endrin       | 5.820 | 6.637 | 605.0E6 | 123.0E6  | 50.906   | 48.159    |
| 15)                         | B Endosulfa...  | 6.094 | 6.848 | 546.8E6 | 125.0E6  | 48.841   | 47.650    |
| 16)                         | A 4,4'-DDD      | 5.955 | 6.763 | 505.9E6 | 111.2E6  | 51.446   | 49.516    |
| 17)                         | MA 4,4'-DDT     | 6.188 | 7.061 | 505.9E6 | 114.2E6  | 50.744   | 47.951    |
| 18)                         | B Endrin al...  | 6.261 | 6.972 | 444.5E6 | 108.2E6  | 47.107   | 46.813    |
| 19)                         | B Endosulfa...  | 6.473 | 7.194 | 514.2E6 | 126.6E6  | 46.128   | 46.233    |
| 20)                         | A Methoxychlor  | 6.735 | 7.521 | 249.6E6 | 65977879 | 46.931   | 47.055    |
| 21)                         | B Endrin ke...  | 6.955 | 7.664 | 559.0E6 | 132.0E6  | 47.138   | 46.946    |
| 22)                         | Mirex           | 7.130 | 8.114 | 412.0E6 | 105.8E6  | 43.891   | 45.458    |
| 23)                         | Chlordane-1     | 0.000 | 5.003 | 0       | 145.9E6  | N.D.     | 569.626 # |
| 24)                         | Chlordane-2     | 0.000 | 5.421 | 0       | 161.6E6  | N.D.     | 519.363 # |
| 25)                         | Chlordane-3     | 5.275 | 6.114 | 687.3E6 | 149.9E6  | 521.340  | 505.940   |
| 26)                         | Chlordane-4     | 5.328 | 6.163 | 635.0E6 | 138.6E6  | 516.813  | 503.201   |
| 27)                         | Chlordane-5     | 6.094 | 6.972 | 546.8E6 | 108.2E6  | 1289.791 | 479.921 # |
| -----                       |                 |       |       |         |          |          |           |

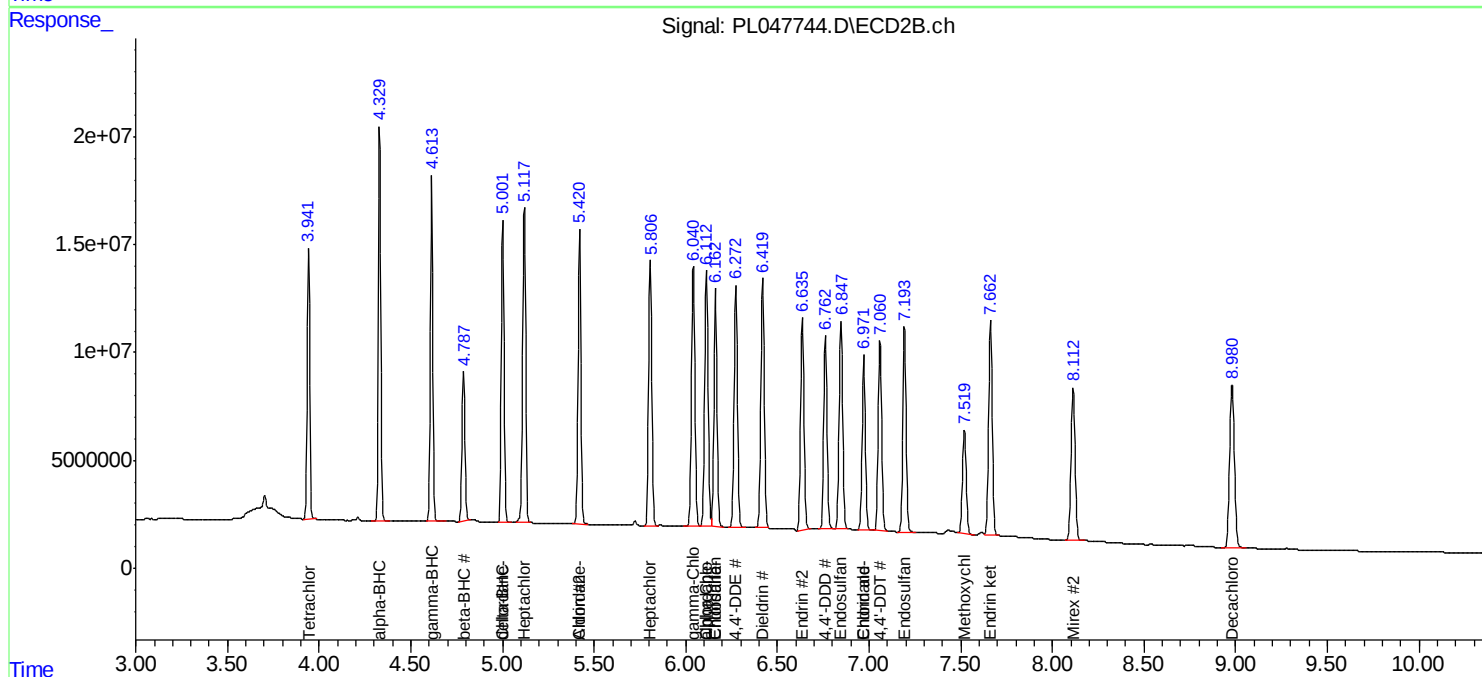
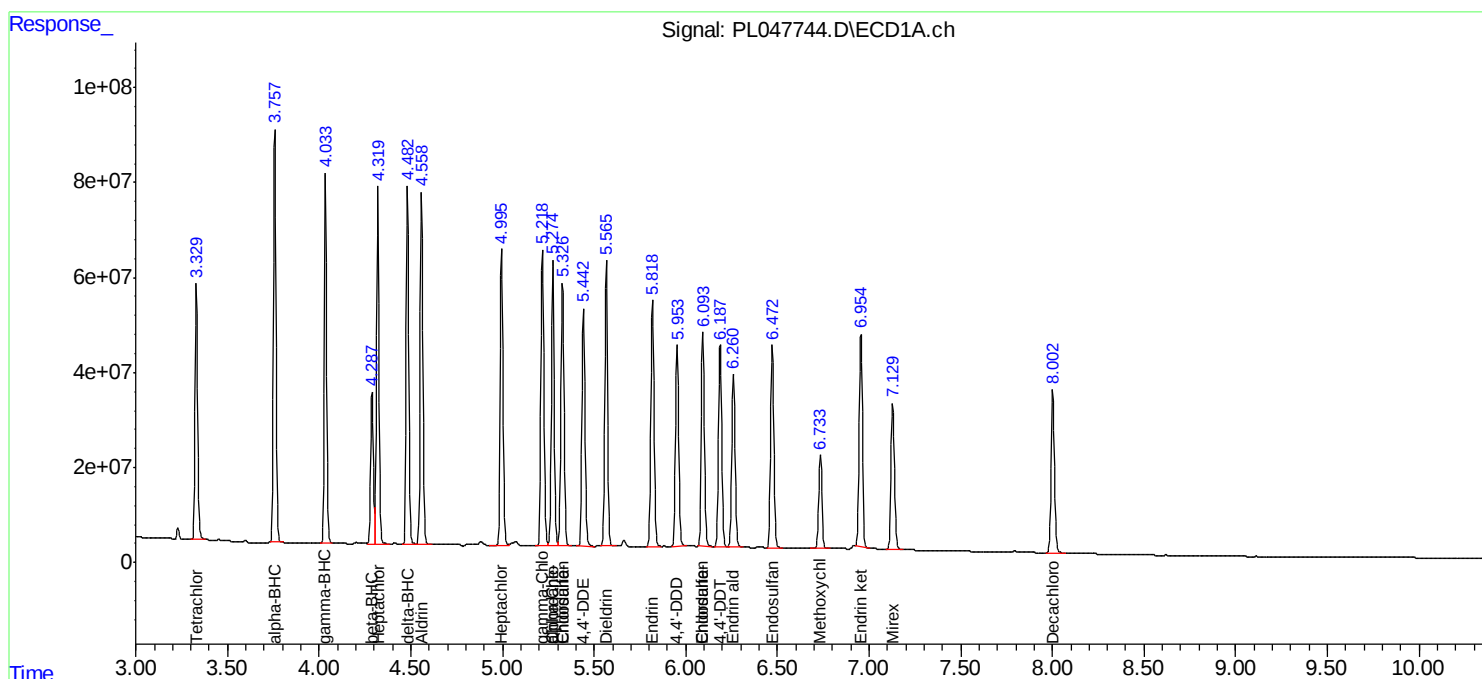
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

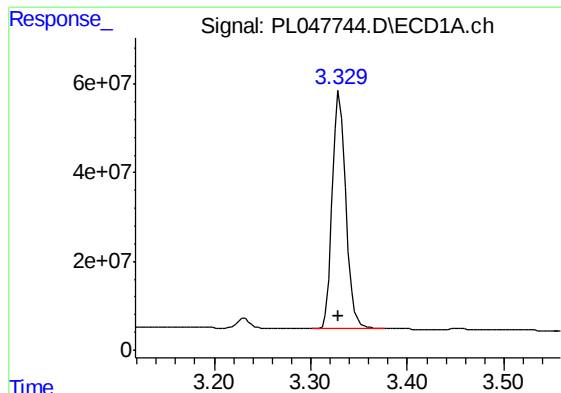
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042419\  
Data File : PL047744.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Apr 2019 05:57  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 25 07:54:59 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 25 01:53:03 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

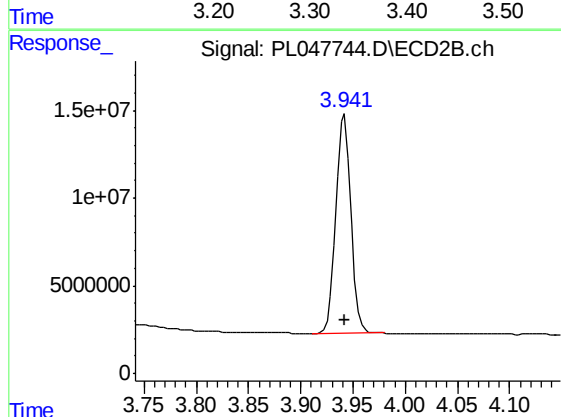




#1 Tetrachloro-m-xylene

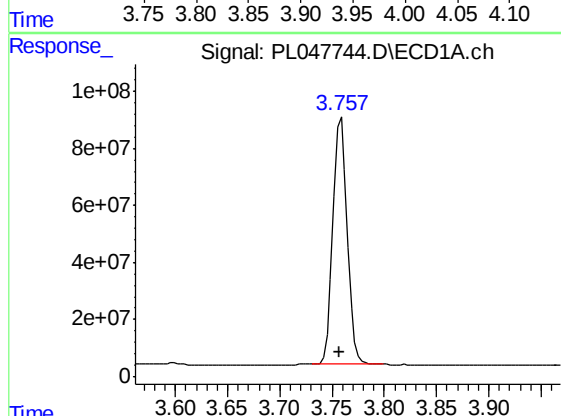
R.T.: 3.330 min  
Delta R.T.: 0.001 min  
Response: 507116712  
Conc: 54.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



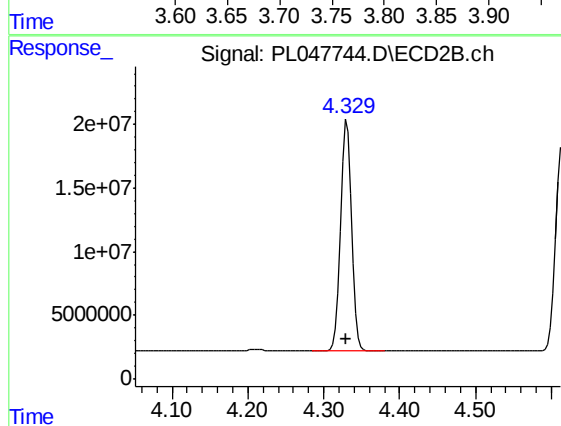
#1 Tetrachloro-m-xylene

R.T.: 3.942 min  
Delta R.T.: 0.000 min  
Response: 125831705  
Conc: 52.71 ng/ml



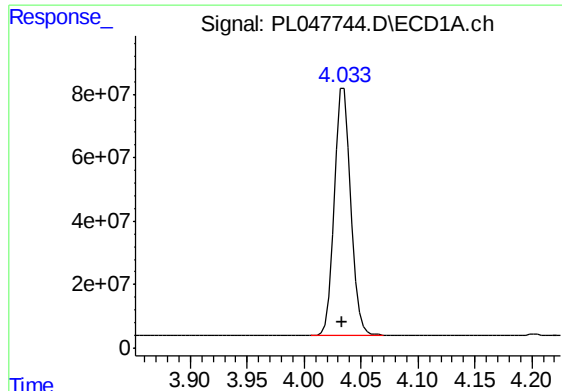
#2 alpha-BHC

R.T.: 3.759 min  
Delta R.T.: 0.002 min  
Response: 829032154  
Conc: 56.71 ng/ml



#2 alpha-BHC

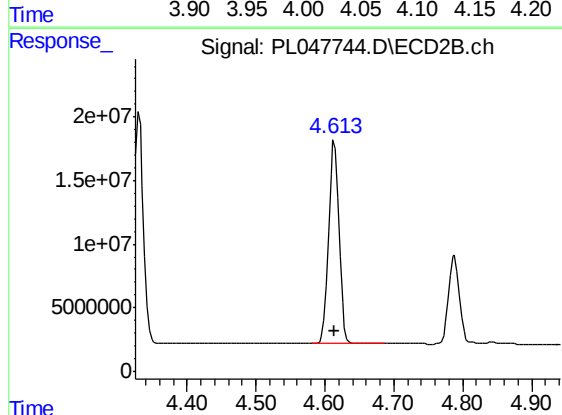
R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 180614980  
Conc: 54.42 ng/ml



#3 gamma-BHC (Lindane)

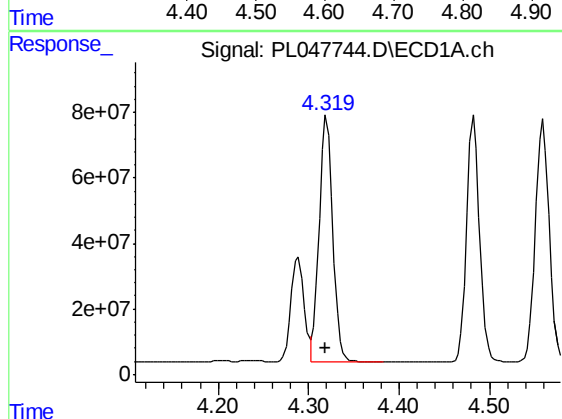
R.T.: 4.035 min  
Delta R.T.: 0.001 min  
Response: 767711718  
Conc: 57.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



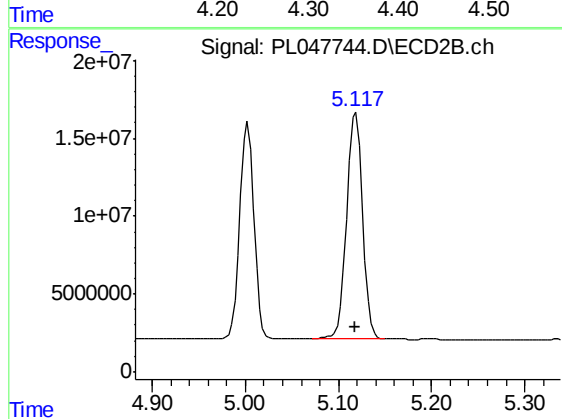
#3 gamma-BHC (Lindane)

R.T.: 4.614 min  
Delta R.T.: 0.000 min  
Response: 168261207  
Conc: 53.65 ng/ml



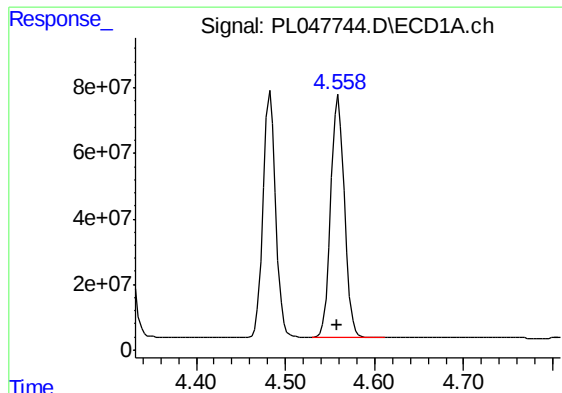
#4 Heptachlor

R.T.: 4.320 min  
Delta R.T.: 0.001 min  
Response: 793796044  
Conc: 55.71 ng/ml



#4 Heptachlor

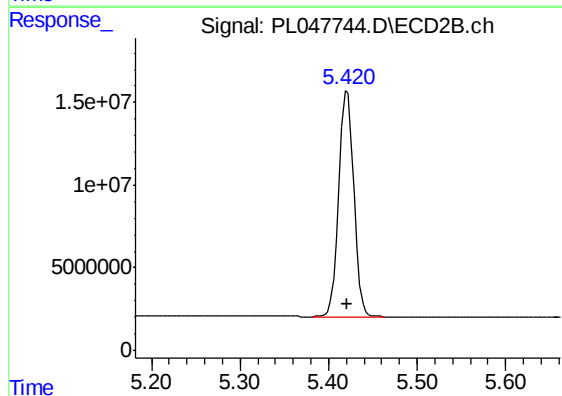
R.T.: 5.119 min  
Delta R.T.: 0.000 min  
Response: 172325973  
Conc: 51.28 ng/ml



#5 Aldrin

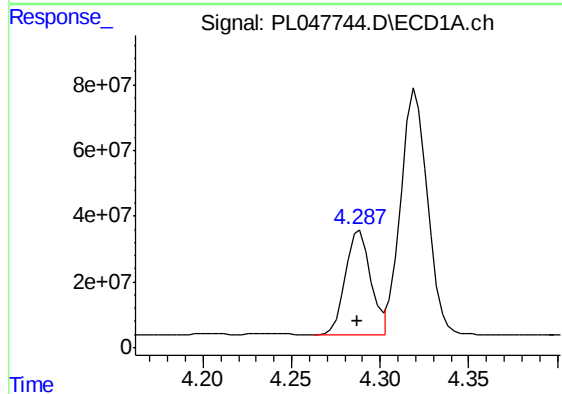
R.T.: 4.559 min  
Delta R.T.: 0.001 min  
Response: 784091548  
Conc: 56.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



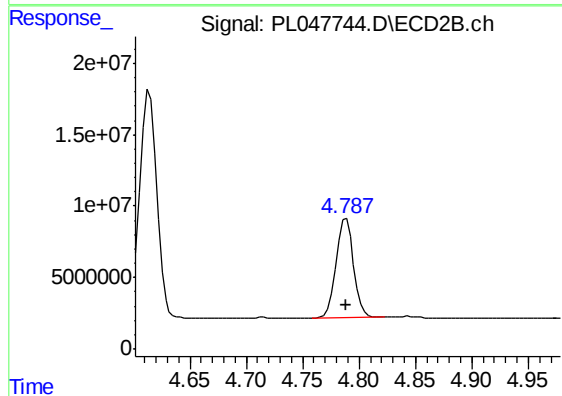
#5 Aldrin

R.T.: 5.421 min  
Delta R.T.: 0.000 min  
Response: 161614841  
Conc: 51.78 ng/ml



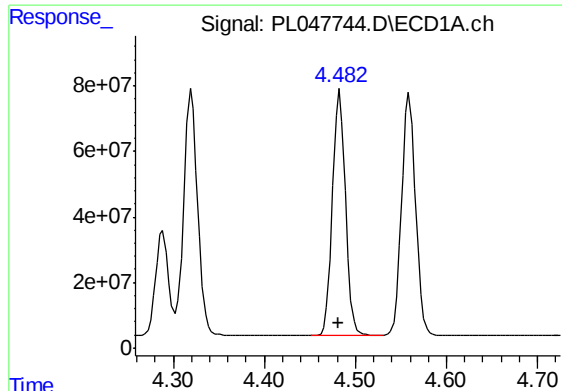
#6 beta-BHC

R.T.: 4.289 min  
Delta R.T.: 0.002 min  
Response: 312441475  
Conc: 55.30 ng/ml



#6 beta-BHC

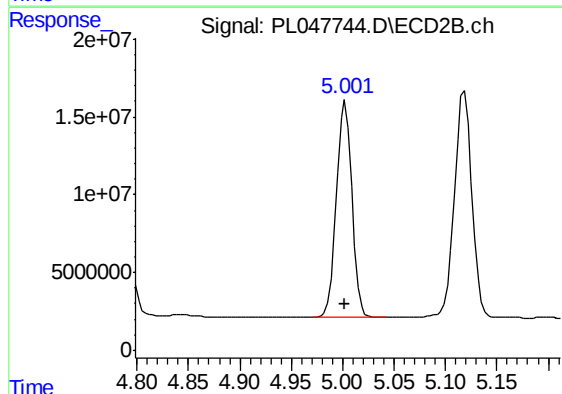
R.T.: 4.788 min  
Delta R.T.: 0.000 min  
Response: 75694979  
Conc: 52.54 ng/ml



#7 delta-BHC

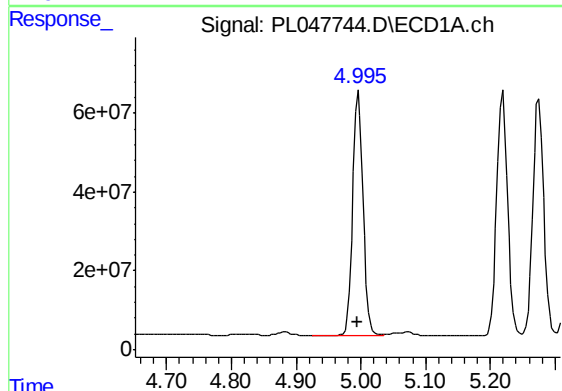
R.T.: 4.483 min  
Delta R.T.: 0.002 min  
Response: 747731508  
Conc: 57.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



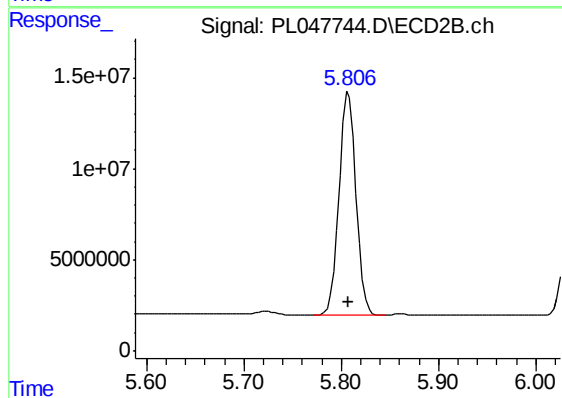
#7 delta-BHC

R.T.: 5.003 min  
Delta R.T.: 0.000 min  
Response: 145940482  
Conc: 58.09 ng/ml



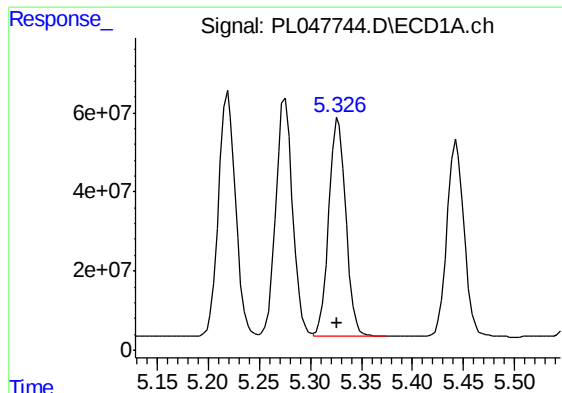
#8 Heptachlor epoxide

R.T.: 4.996 min  
Delta R.T.: 0.001 min  
Response: 693784466  
Conc: 54.14 ng/ml



#8 Heptachlor epoxide

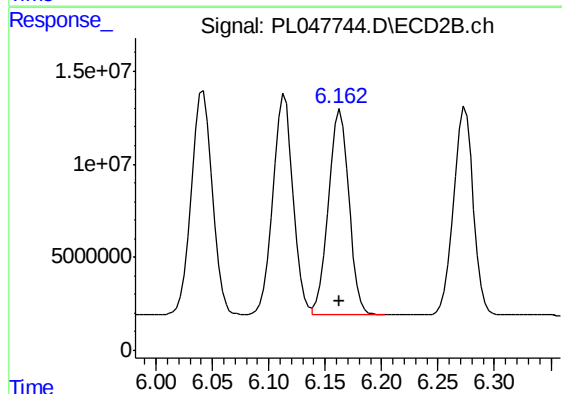
R.T.: 5.808 min  
Delta R.T.: 0.000 min  
Response: 149150300  
Conc: 53.37 ng/ml



#9 Endosulfan I

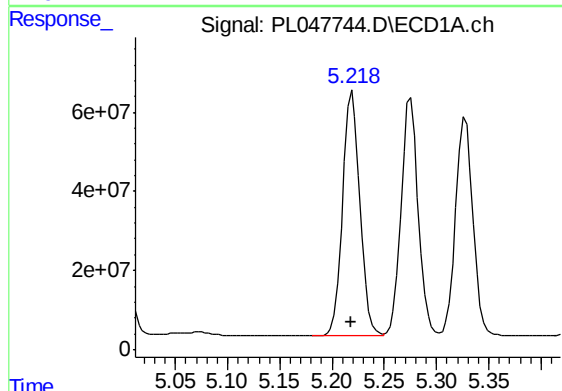
R.T.: 5.328 min  
Delta R.T.: 0.001 min  
Response: 635029256  
Conc: 52.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



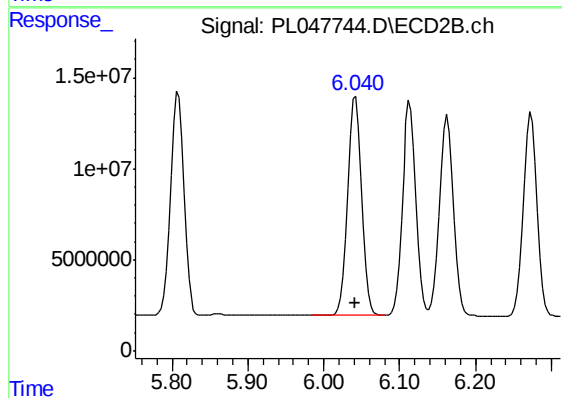
#9 Endosulfan I

R.T.: 6.163 min  
Delta R.T.: 0.000 min  
Response: 138580040  
Conc: 49.35 ng/ml



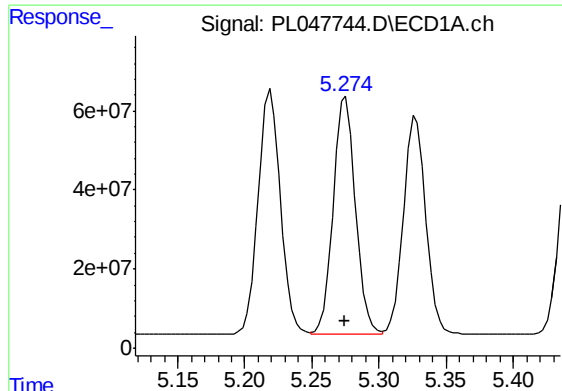
#10 gamma-Chlordane

R.T.: 5.219 min  
Delta R.T.: 0.002 min  
Response: 711716832  
Conc: 53.46 ng/ml



#10 gamma-Chlordane

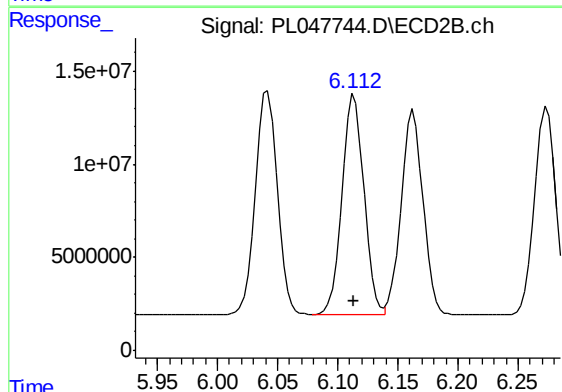
R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 152062455  
Conc: 50.25 ng/ml



#11 alpha-Chlordane

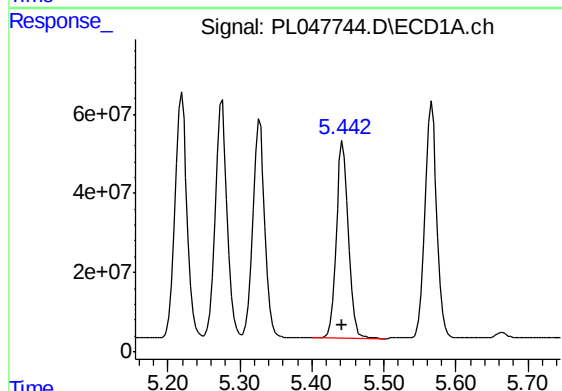
R.T.: 5.275 min  
Delta R.T.: 0.001 min  
Response: 687320254  
Conc: 52.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



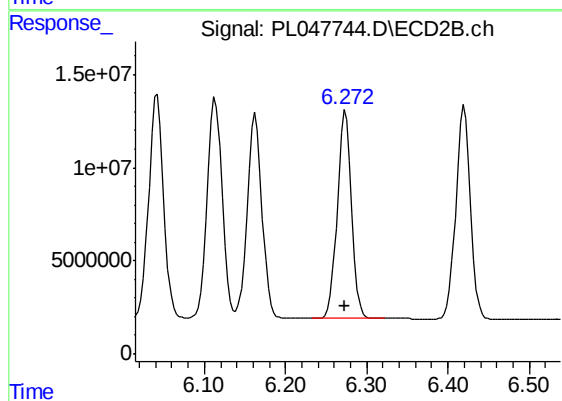
#11 alpha-Chlordane

R.T.: 6.114 min  
Delta R.T.: 0.000 min  
Response: 149872639  
Conc: 49.54 ng/ml



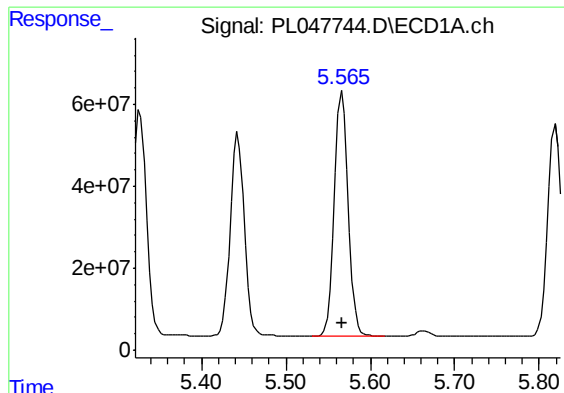
#12 4,4'-DDE

R.T.: 5.443 min  
Delta R.T.: 0.001 min  
Response: 575770702  
Conc: 46.29 ng/ml



#12 4,4'-DDE

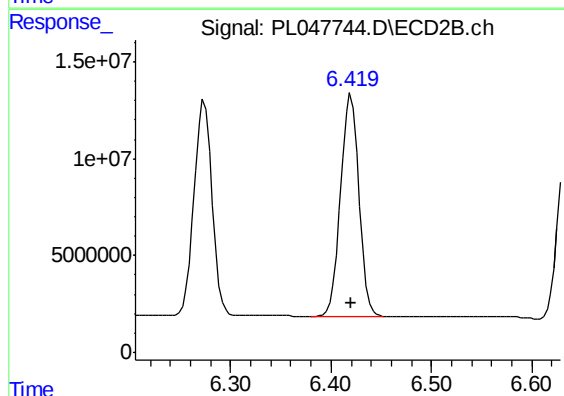
R.T.: 6.274 min  
Delta R.T.: 0.000 min  
Response: 137602993  
Conc: 49.83 ng/ml



#13 Dieldrin

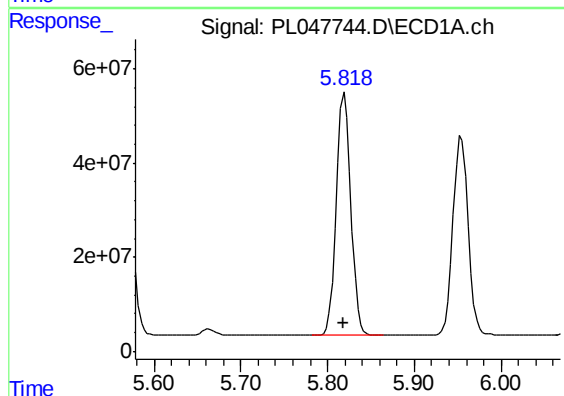
R.T.: 5.567 min  
Delta R.T.: 0.000 min  
Response: 678055704  
Conc: 52.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



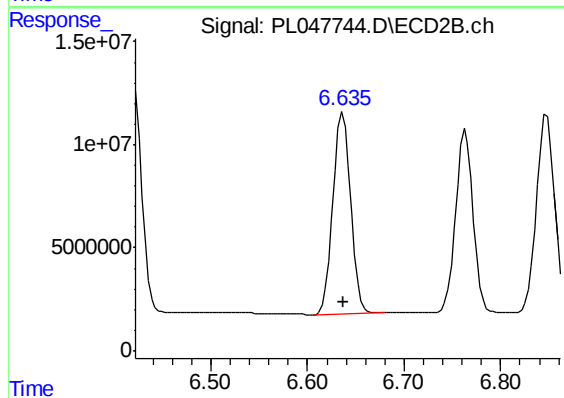
#13 Dieldrin

R.T.: 6.420 min  
Delta R.T.: 0.000 min  
Response: 144024086  
Conc: 49.27 ng/ml



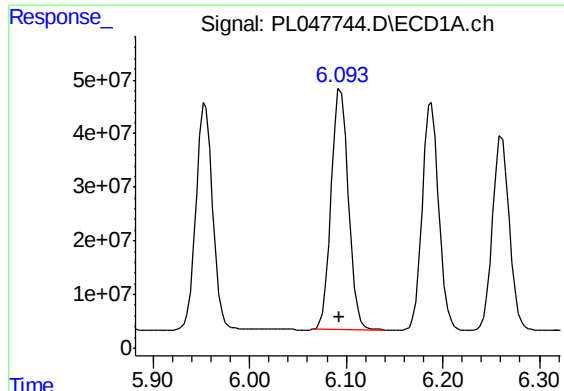
#14 Endrin

R.T.: 5.820 min  
Delta R.T.: 0.001 min  
Response: 604958424  
Conc: 50.91 ng/ml



#14 Endrin

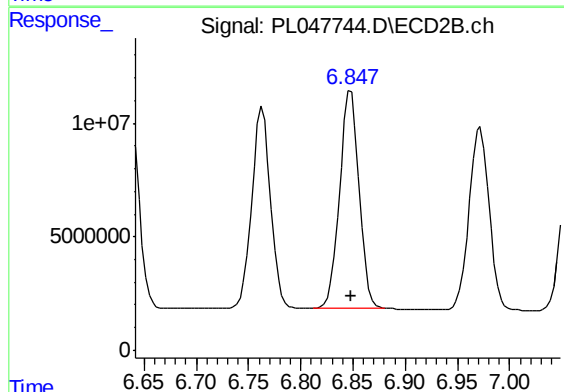
R.T.: 6.637 min  
Delta R.T.: 0.000 min  
Response: 123015691  
Conc: 48.16 ng/ml



#15 Endosulfan II

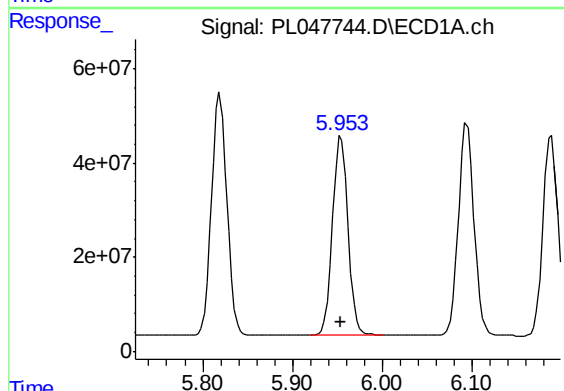
R.T.: 6.094 min  
Delta R.T.: 0.001 min  
Response: 546838325  
Conc: 48.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



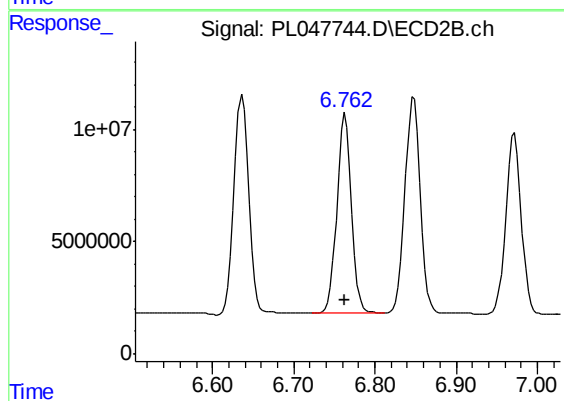
#15 Endosulfan II

R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 125015288  
Conc: 47.65 ng/ml



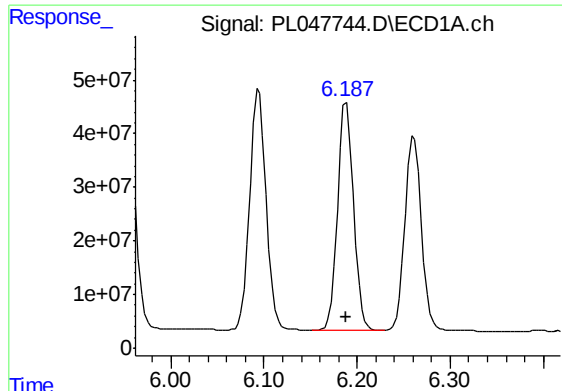
#16 4,4'-DDD

R.T.: 5.955 min  
Delta R.T.: 0.001 min  
Response: 505873595  
Conc: 51.45 ng/ml



#16 4,4'-DDD

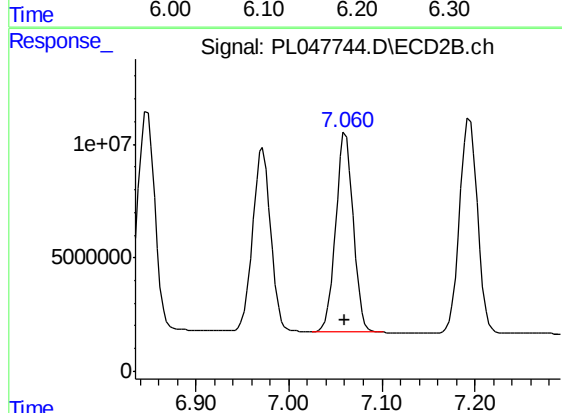
R.T.: 6.763 min  
Delta R.T.: 0.000 min  
Response: 111167074  
Conc: 49.52 ng/ml



#17 4,4'-DDT

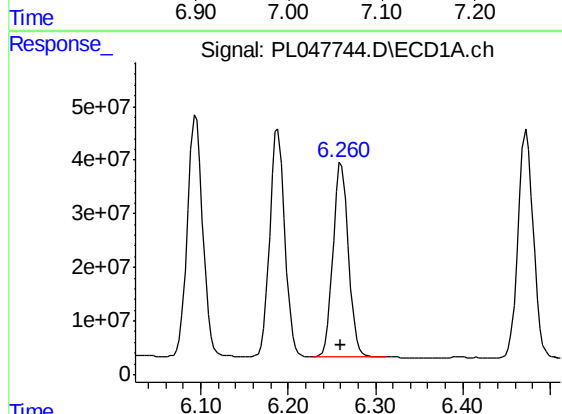
R.T.: 6.188 min  
Delta R.T.: 0.000 min  
Response: 505913462  
Conc: 50.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



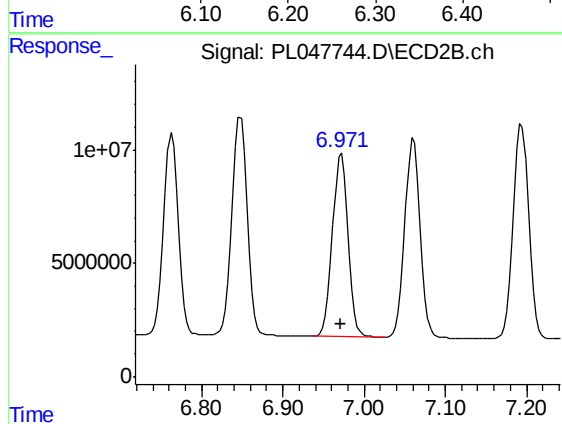
#17 4,4'-DDT

R.T.: 7.061 min  
Delta R.T.: 0.000 min  
Response: 114228980  
Conc: 47.95 ng/ml



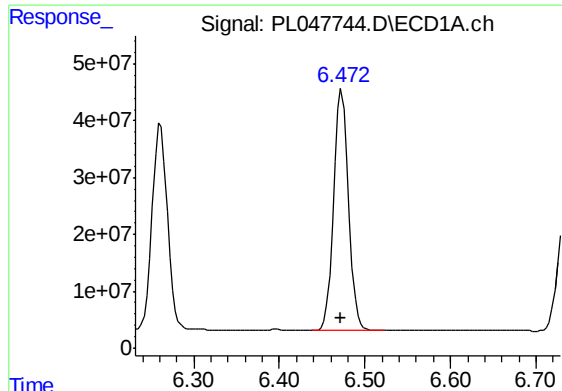
#18 Endrin aldehyde

R.T.: 6.261 min  
Delta R.T.: 0.000 min  
Response: 444455386  
Conc: 47.11 ng/ml



#18 Endrin aldehyde

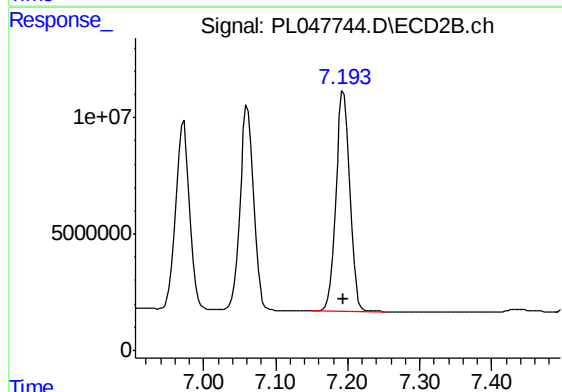
R.T.: 6.972 min  
Delta R.T.: 0.001 min  
Response: 108152973  
Conc: 46.81 ng/ml



#19 Endosulfan Sulfate

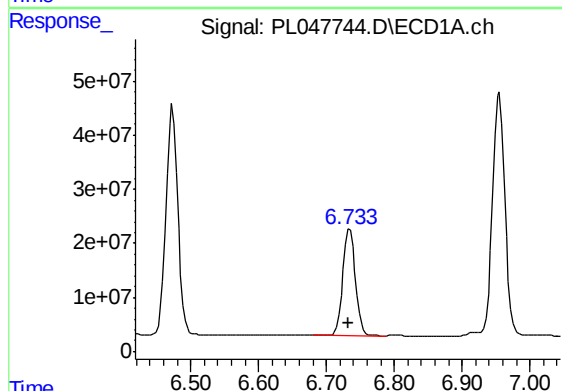
R.T.: 6.473 min  
Delta R.T.: 0.000 min  
Response: 514156521  
Conc: 46.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



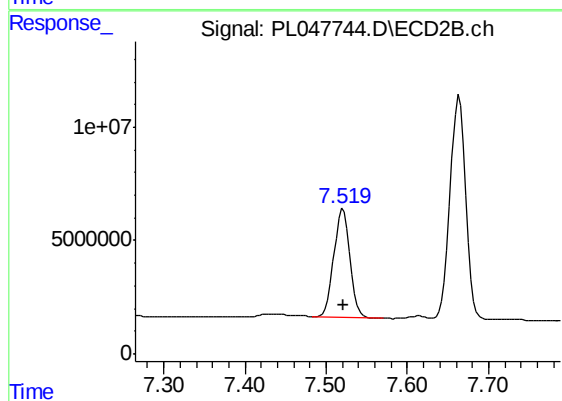
#19 Endosulfan Sulfate

R.T.: 7.194 min  
Delta R.T.: 0.000 min  
Response: 126607672  
Conc: 46.23 ng/ml



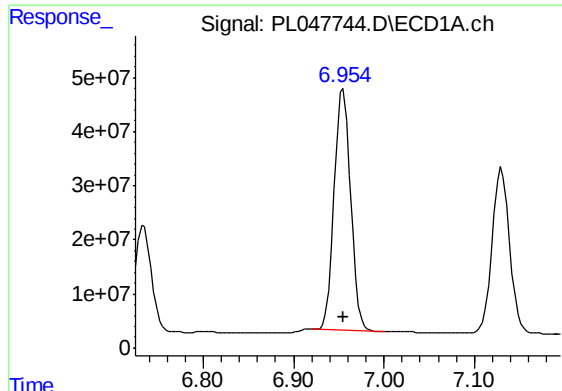
#20 Methoxychlor

R.T.: 6.735 min  
Delta R.T.: 0.001 min  
Response: 249610102  
Conc: 46.93 ng/ml



#20 Methoxychlor

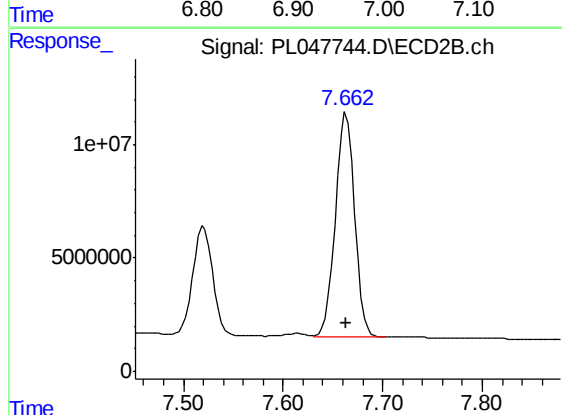
R.T.: 7.521 min  
Delta R.T.: 0.000 min  
Response: 65977879  
Conc: 47.05 ng/ml



#21 Endrin ketone

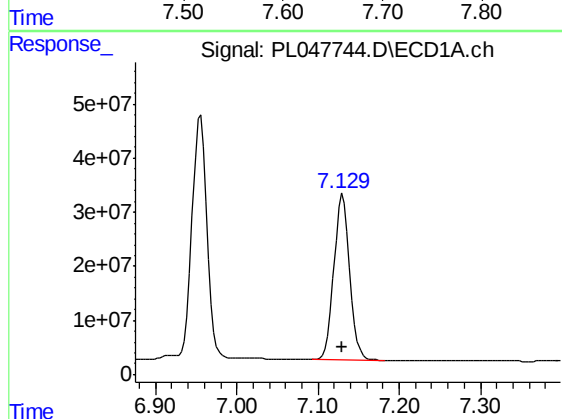
R.T.: 6.955 min  
Delta R.T.: 0.000 min  
Response: 558985078  
Conc: 47.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



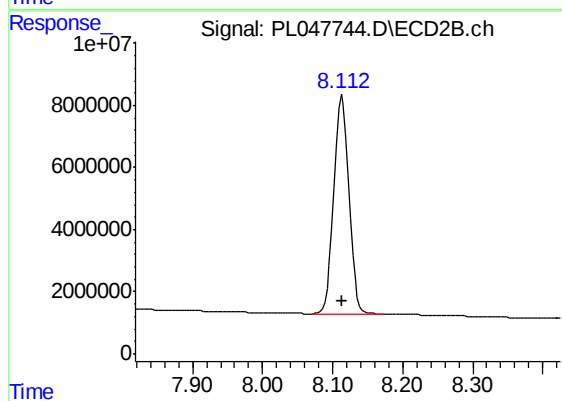
#21 Endrin ketone

R.T.: 7.664 min  
Delta R.T.: 0.000 min  
Response: 131999155  
Conc: 46.95 ng/ml



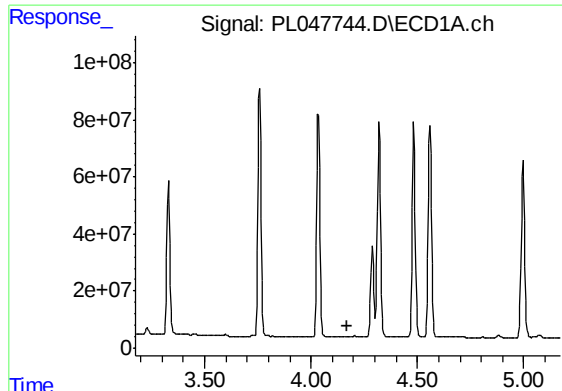
#22 Mirex

R.T.: 7.130 min  
Delta R.T.: 0.000 min  
Response: 411984992  
Conc: 43.89 ng/ml



#22 Mirex

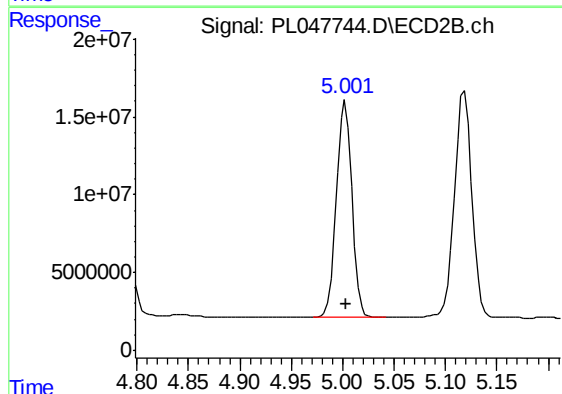
R.T.: 8.114 min  
Delta R.T.: 0.000 min  
Response: 105773147  
Conc: 45.46 ng/ml



#23 Chlordane-1

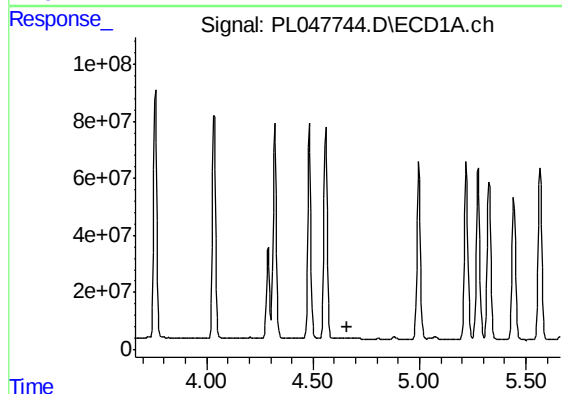
R.T.: 0.000 min  
Exp R.T. : 4.172 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



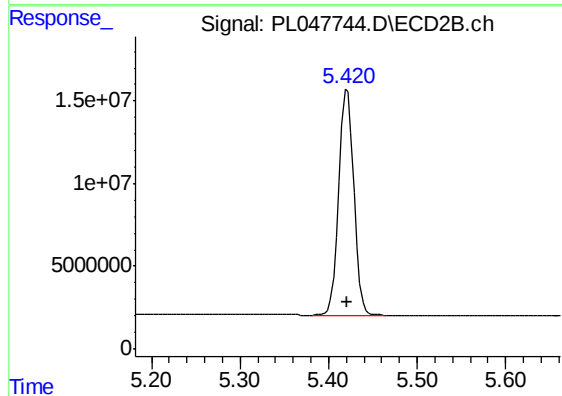
#23 Chlordane-1

R.T.: 5.003 min  
Delta R.T.: 0.000 min  
Response: 145940482  
Conc: 569.63 ng/ml



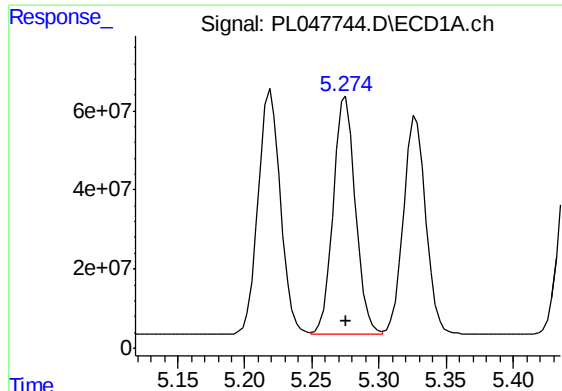
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.663 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

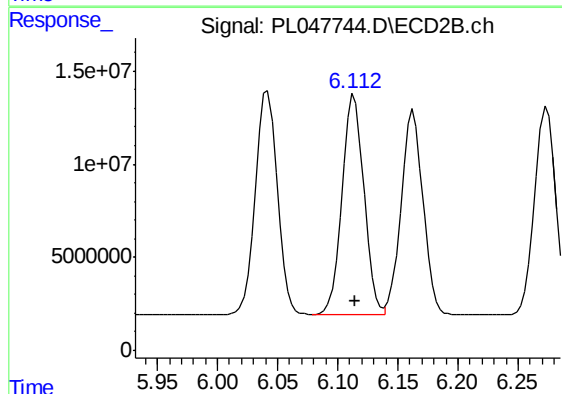
R.T.: 5.421 min  
Delta R.T.: 0.000 min  
Response: 161614841  
Conc: 519.36 ng/ml



#25 Chlordane-3

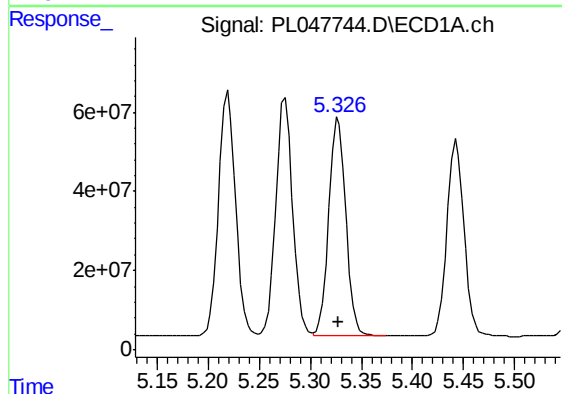
R.T.: 5.275 min  
Delta R.T.: 0.000 min  
Response: 687320254  
Conc: 521.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



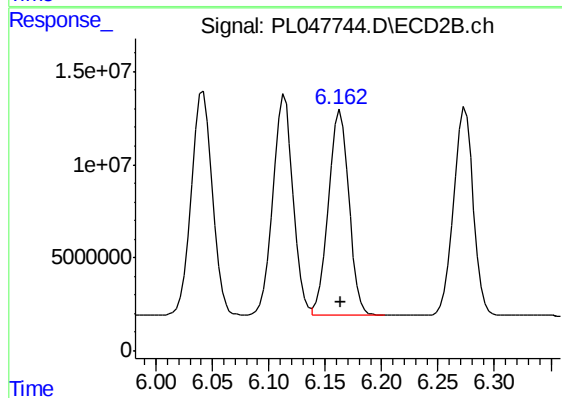
#25 Chlordane-3

R.T.: 6.114 min  
Delta R.T.: 0.000 min  
Response: 149872639  
Conc: 505.94 ng/ml



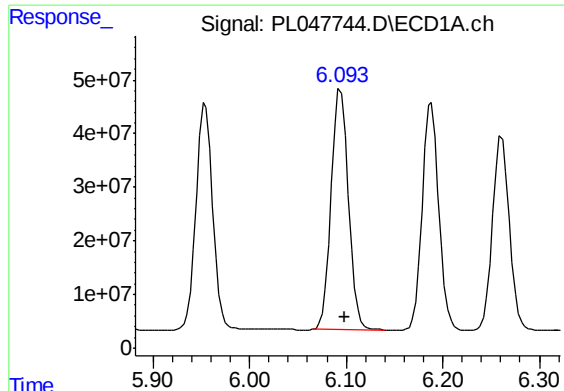
#26 Chlordane-4

R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 635029256  
Conc: 516.81 ng/ml



#26 Chlordane-4

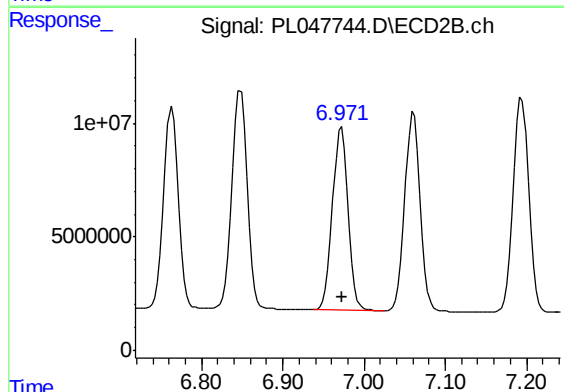
R.T.: 6.163 min  
Delta R.T.: 0.000 min  
Response: 138580040  
Conc: 503.20 ng/ml



#27 Chlordane-5

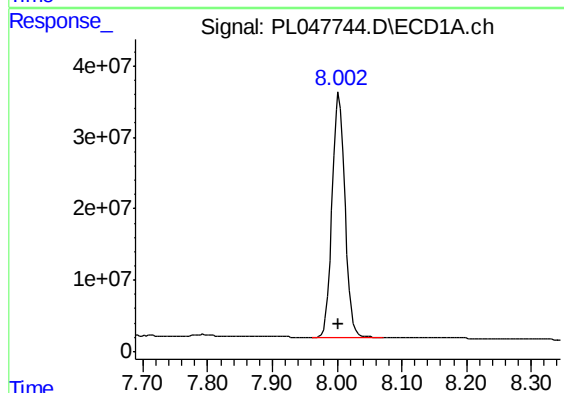
R.T.: 6.094 min  
Delta R.T.: -0.004 min  
Response: 546838325  
Conc: 1289.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



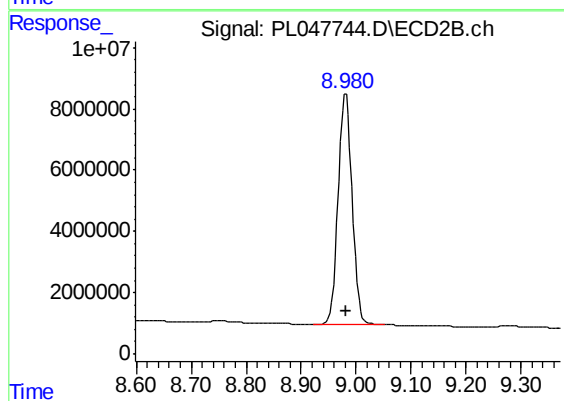
#27 Chlordane-5

R.T.: 6.972 min  
Delta R.T.: 0.000 min  
Response: 108152973  
Conc: 479.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.003 min  
Delta R.T.: 0.002 min  
Response: 463982574  
Conc: 41.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.981 min  
Delta R.T.: 0.000 min  
Response: 133344943  
Conc: 46.71 ng/ml