

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012319\  
 Data File : PL044184.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jan 2019 17:31  
 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: Jan 23 23:05:33 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012219.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 23 00:42:56 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.366 | 3.986 | 287.3E6 | 102.0E6  | 47.403   | 46.745     |
| 28)                         | SA Decachlor... | 8.051 | 9.045 | 313.1E6 | 98918838 | 45.152   | 44.591     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.797 | 4.376 | 435.2E6 | 132.8E6  | 48.769   | 47.856     |
| 3)                          | MA gamma-BHC... | 4.074 | 4.660 | 399.3E6 | 124.7E6  | 49.655   | 47.162     |
| 4)                          | MA Heptachlor   | 4.362 | 5.168 | 389.0E6 | 122.0E6  | 49.343   | 47.020     |
| 5)                          | MB Aldrin       | 4.603 | 5.472 | 387.2E6 | 117.7E6  | 49.588   | 46.784     |
| 6)                          | B beta-BHC      | 4.326 | 4.831 | 167.6E6 | 56877841 | 48.345   | 48.203     |
| 7)                          | B delta-BHC     | 4.523 | 5.047 | 326.9E6 | 96059556 | 50.289   | 50.534     |
| 8)                          | B Heptachlor... | 5.041 | 5.858 | 369.7E6 | 114.8E6  | 48.959   | 49.651     |
| 9)                          | A Endosulfan I  | 5.373 | 6.215 | 347.1E6 | 107.7E6  | 49.274   | 46.531     |
| 10)                         | B gamma-Chl...  | 5.264 | 6.092 | 380.5E6 | 118.1E6  | 49.120   | 46.805     |
| 11)                         | B alpha-Chl...  | 5.320 | 6.165 | 374.3E6 | 117.3E6  | 49.124   | 46.631     |
| 12)                         | B 4,4'-DDE      | 5.487 | 6.322 | 341.6E6 | 102.6E6  | 50.425   | 47.796     |
| 13)                         | MA Dieldrin     | 5.613 | 6.472 | 374.8E6 | 112.0E6  | 49.871   | 46.743     |
| 14)                         | MA Endrin       | 5.866 | 6.689 | 318.3E6 | 89601729 | 47.467   | 44.461     |
| 15)                         | B Endosulfa...  | 6.140 | 6.898 | 333.7E6 | 100.9E6  | 49.457   | 47.791     |
| 16)                         | A 4,4'-DDD      | 5.999 | 6.812 | 291.3E6 | 85743657 | 52.424   | 49.999     |
| 17)                         | MA 4,4'-DDT     | 6.234 | 7.110 | 265.6E6 | 79419025 | 52.097   | 48.395     |
| 18)                         | B Endrin al...  | 6.307 | 7.022 | 279.6E6 | 88927321 | 49.447   | 46.620     |
| 19)                         | B Endosulfa...  | 6.518 | 7.245 | 285.2E6 | 89921664 | 50.007   | 46.765     |
| 20)                         | A Methoxychlor  | 6.780 | 7.568 | 148.5E6 | 48068271 | 50.083   | 46.997     |
| 21)                         | B Endrin ke...  | 7.002 | 7.714 | 361.0E6 | 100.8E6  | 51.849   | 47.247     |
| 23)                         | Chlordane-1     | 0.000 | 5.047 | 0       | 96059556 | N.D.     | 964.975 #  |
| 24)                         | Chlordane-2     | 0.000 | 5.472 | 0       | 117.7E6  | N.D.     | 1057.775 # |
| 25)                         | Chlordane-3     | 5.264 | 6.092 | 380.5E6 | 118.1E6  | 441.379  | 339.879    |
| 26)                         | Chlordane-4     | 5.320 | 6.165 | 374.3E6 | 117.3E6  | 485.879  | 279.449 #  |
| 27)                         | Chlordane-5     | 6.140 | 7.022 | 333.7E6 | 88927321 | 1377.126 | 1176.030   |
| -----                       |                 |       |       |         |          |          |            |

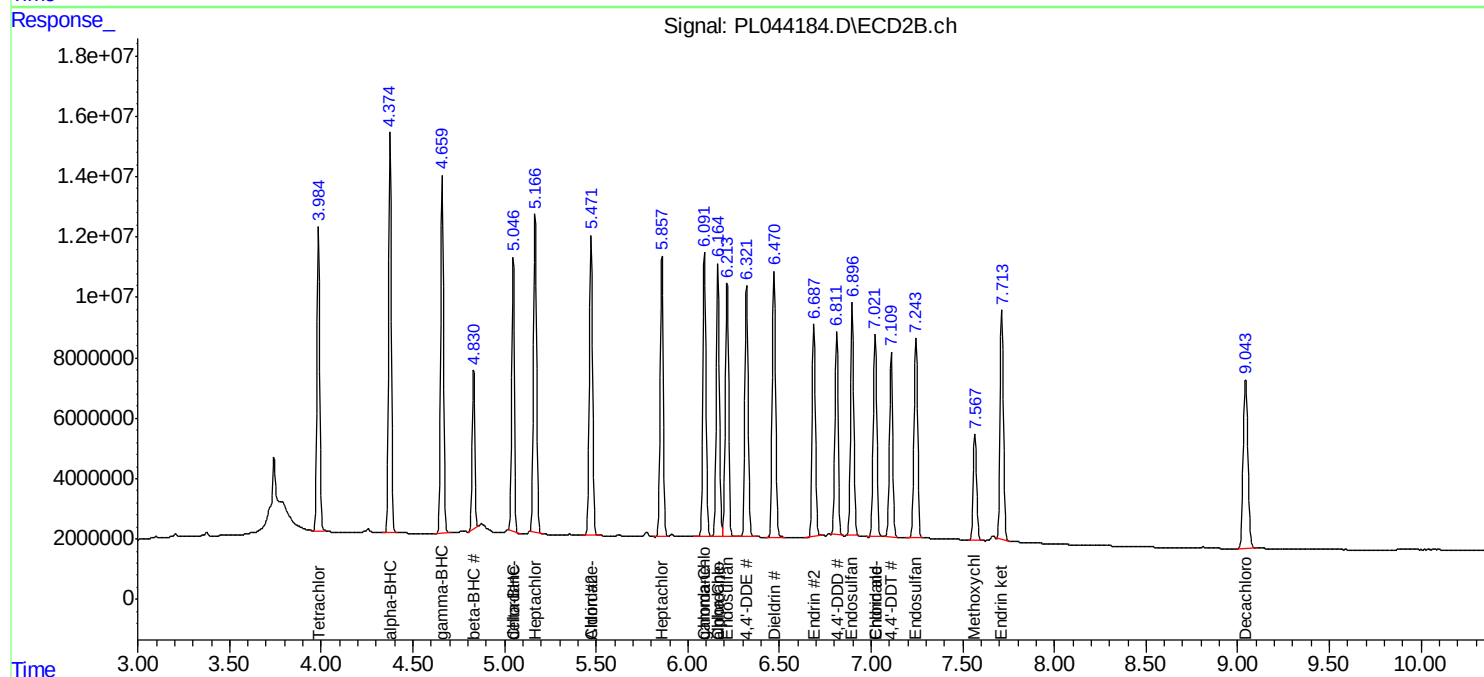
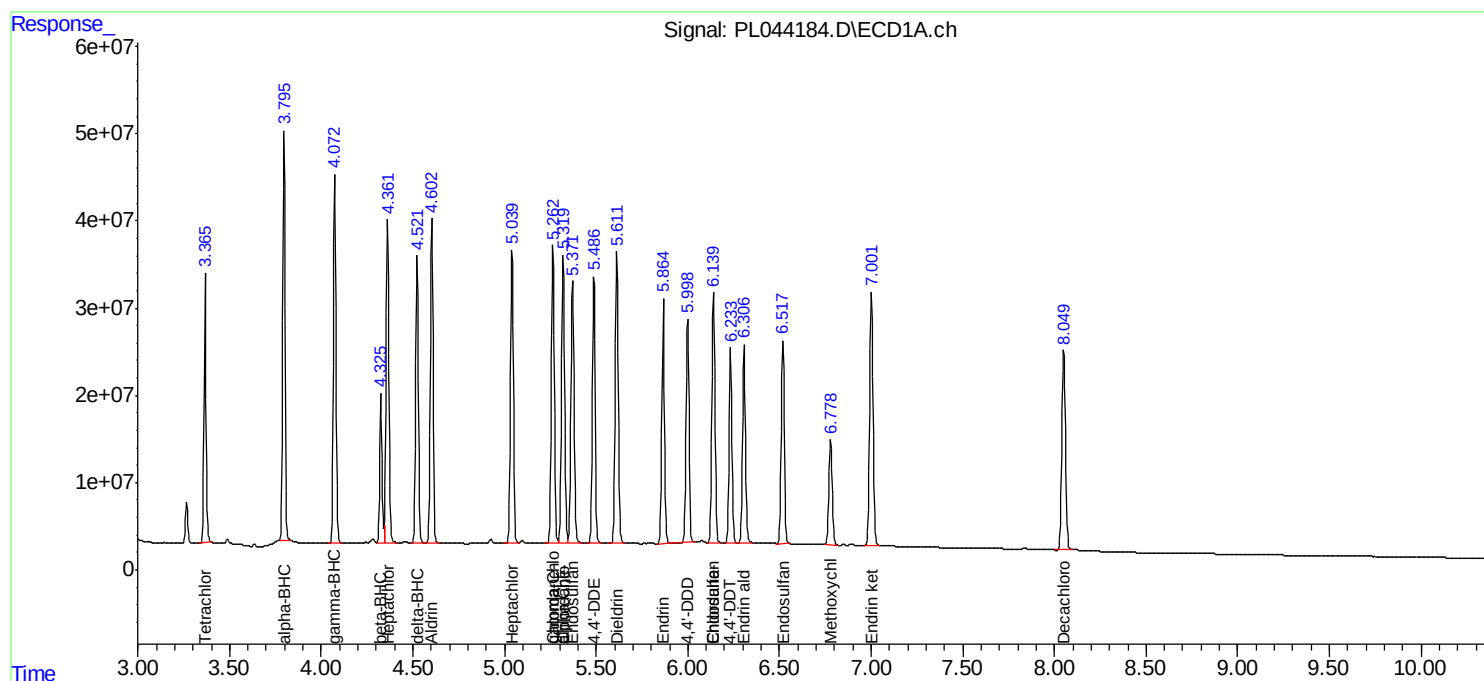
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

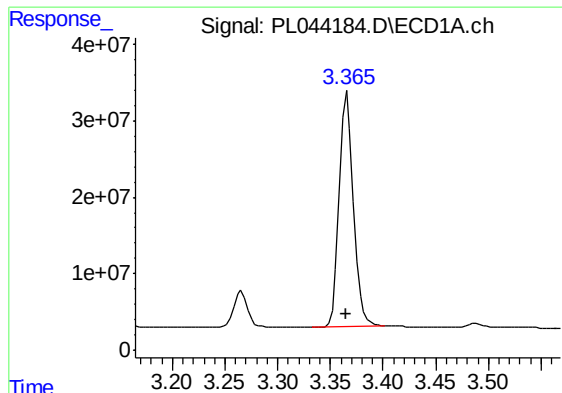
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012319\  
Data File : PL044184.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jan 2019 17:31  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 23 23:05:33 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012219.M  
Quant Title : GC Extractables  
QLast Update : Wed Jan 23 00:42:56 2019  
Response via : Initial Calibration  
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Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

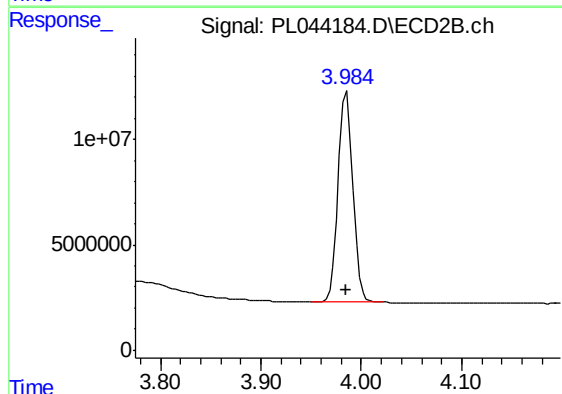




#1 Tetrachloro-m-xylene

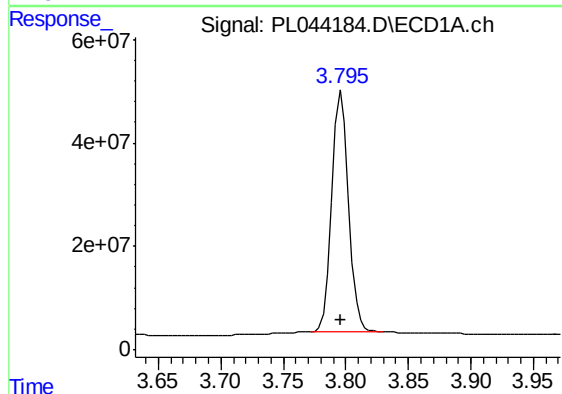
R.T.: 3.366 min  
Delta R.T.: 0.001 min  
Response: 287275713  
Conc: 47.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



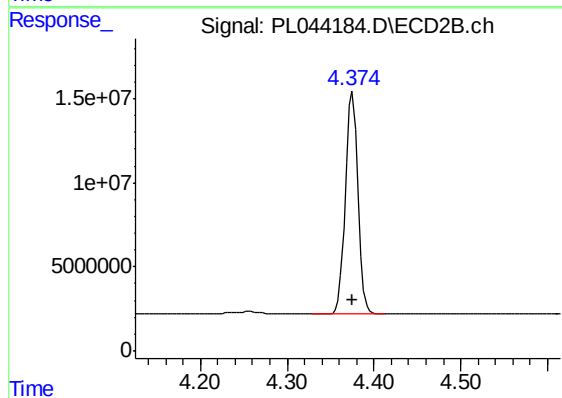
#1 Tetrachloro-m-xylene

R.T.: 3.986 min  
Delta R.T.: 0.000 min  
Response: 101963953  
Conc: 46.74 ng/ml



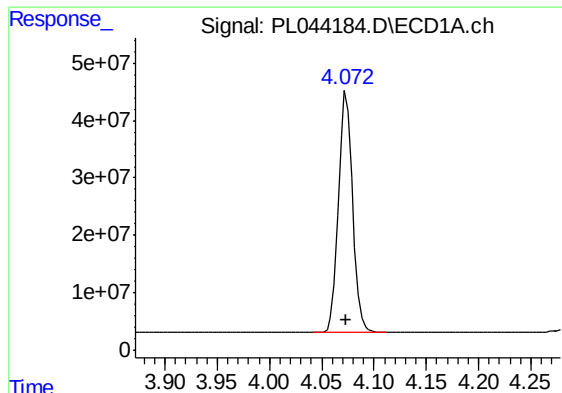
#2 alpha-BHC

R.T.: 3.797 min  
Delta R.T.: 0.000 min  
Response: 435188524  
Conc: 48.77 ng/ml



#2 alpha-BHC

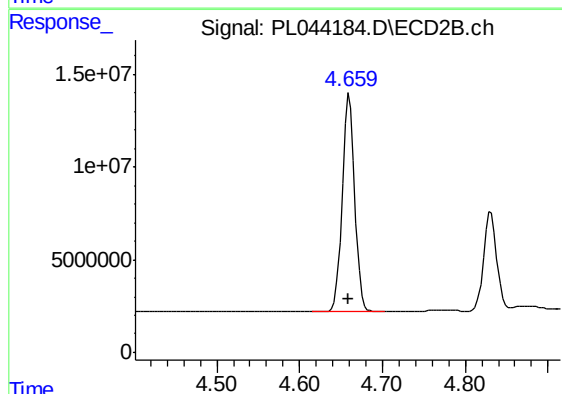
R.T.: 4.376 min  
Delta R.T.: 0.001 min  
Response: 132824924  
Conc: 47.86 ng/ml



#3 gamma-BHC (Lindane)

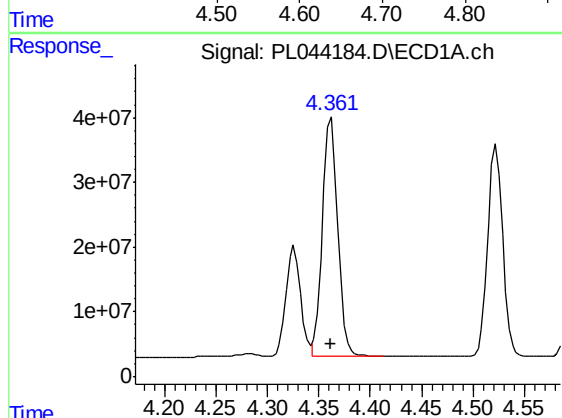
R.T.: 4.074 min  
Delta R.T.: 0.000 min  
Response: 399253911  
Conc: 49.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



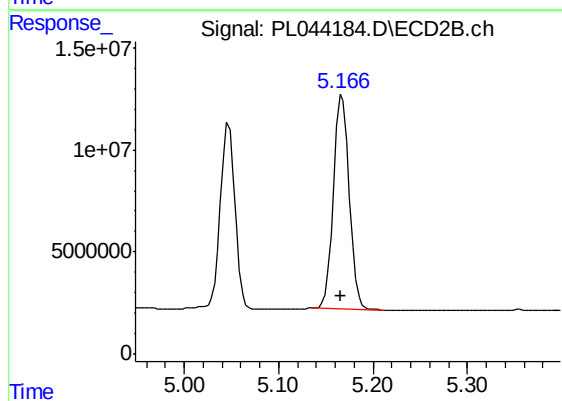
#3 gamma-BHC (Lindane)

R.T.: 4.660 min  
Delta R.T.: 0.001 min  
Response: 124688316  
Conc: 47.16 ng/ml



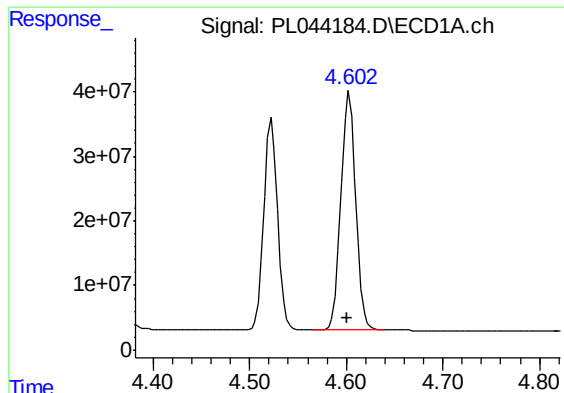
#4 Heptachlor

R.T.: 4.362 min  
Delta R.T.: 0.001 min  
Response: 389005615  
Conc: 49.34 ng/ml



#4 Heptachlor

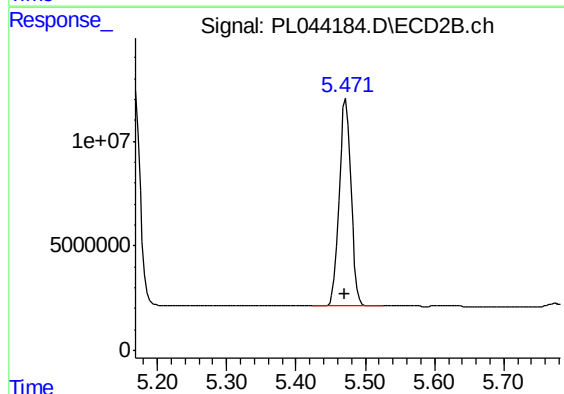
R.T.: 5.168 min  
Delta R.T.: 0.001 min  
Response: 122016889  
Conc: 47.02 ng/ml



#5 Aldrin

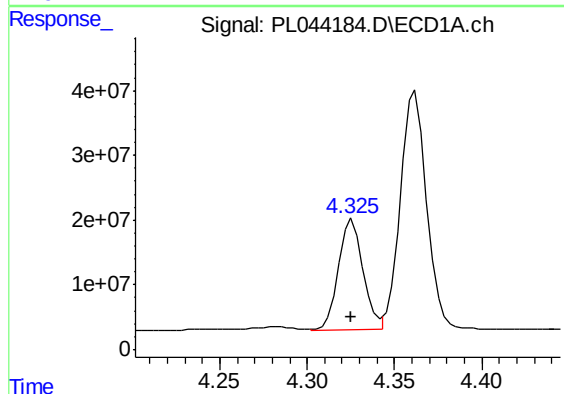
R.T.: 4.603 min  
Delta R.T.: 0.002 min  
Response: 387178953  
Conc: 49.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



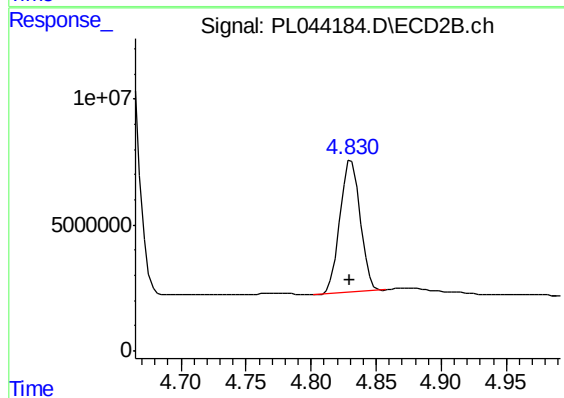
#5 Aldrin

R.T.: 5.472 min  
Delta R.T.: 0.002 min  
Response: 117706639  
Conc: 46.78 ng/ml



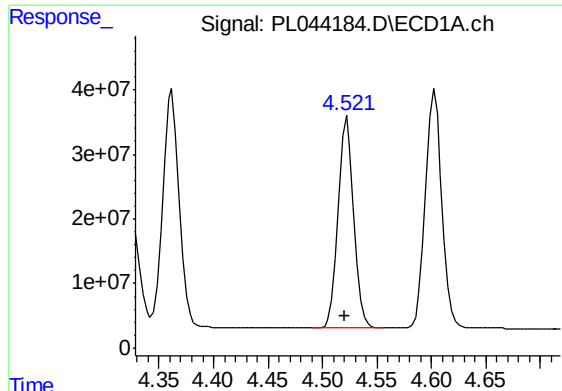
#6 beta-BHC

R.T.: 4.326 min  
Delta R.T.: 0.001 min  
Response: 167606584  
Conc: 48.34 ng/ml



#6 beta-BHC

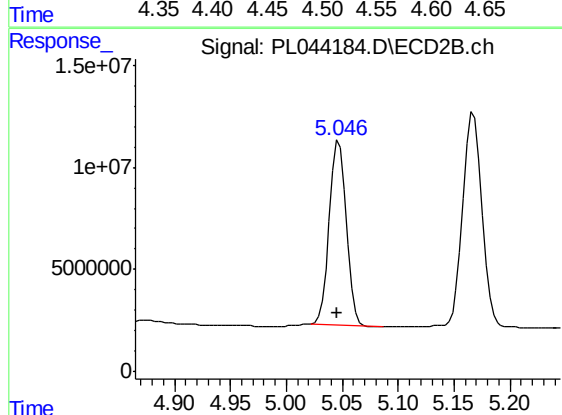
R.T.: 4.831 min  
Delta R.T.: 0.001 min  
Response: 56877841  
Conc: 48.20 ng/ml



#7 delta-BHC

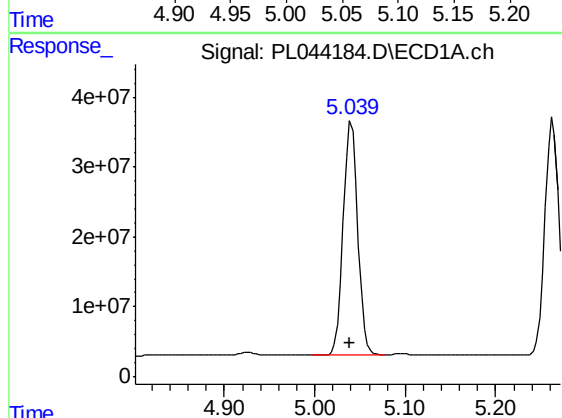
R.T.: 4.523 min  
Delta R.T.: 0.002 min  
Response: 326861815  
Conc: 50.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



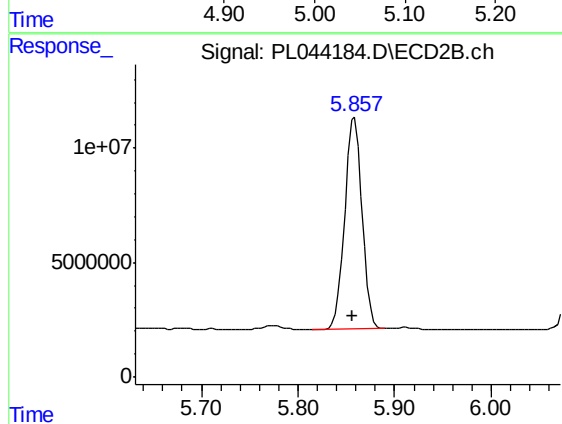
#7 delta-BHC

R.T.: 5.047 min  
Delta R.T.: 0.002 min  
Response: 96059556  
Conc: 50.53 ng/ml



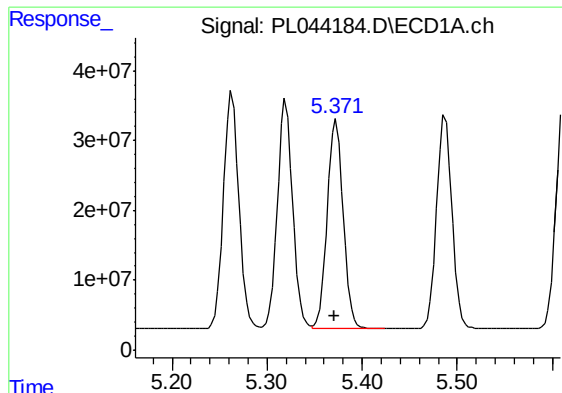
#8 Heptachlor epoxide

R.T.: 5.041 min  
Delta R.T.: 0.002 min  
Response: 369651836  
Conc: 48.96 ng/ml



#8 Heptachlor epoxide

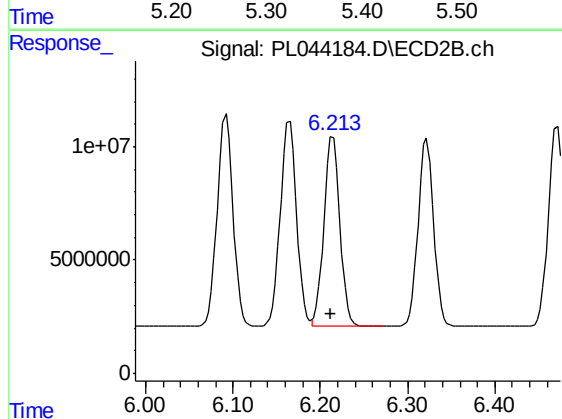
R.T.: 5.858 min  
Delta R.T.: 0.002 min  
Response: 114834681  
Conc: 49.65 ng/ml



#9 Endosulfan I

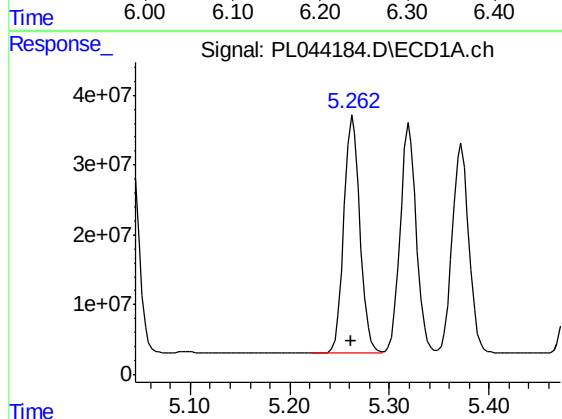
R.T.: 5.373 min  
Delta R.T.: 0.002 min  
Response: 347114783  
Conc: 49.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



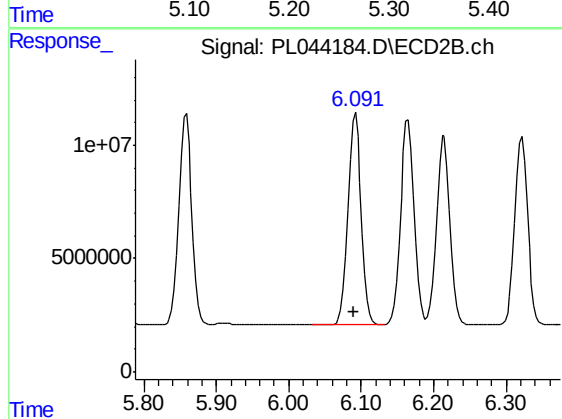
#9 Endosulfan I

R.T.: 6.215 min  
Delta R.T.: 0.002 min  
Response: 107726167  
Conc: 46.53 ng/ml



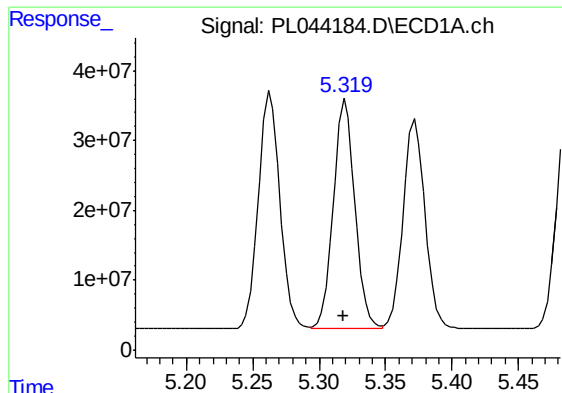
#10 gamma-Chlordane

R.T.: 5.264 min  
Delta R.T.: 0.002 min  
Response: 380459896  
Conc: 49.12 ng/ml



#10 gamma-Chlordane

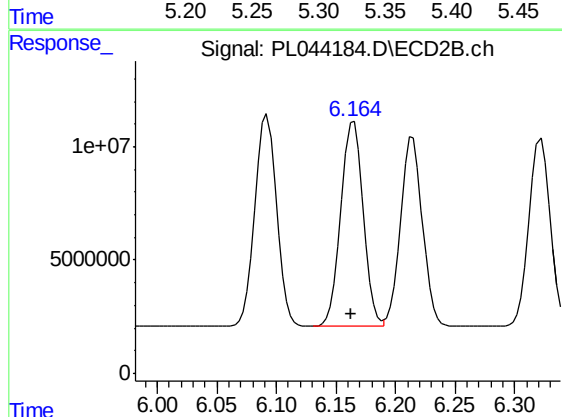
R.T.: 6.092 min  
Delta R.T.: 0.003 min  
Response: 118106319  
Conc: 46.81 ng/ml



#11 alpha-Chlordane

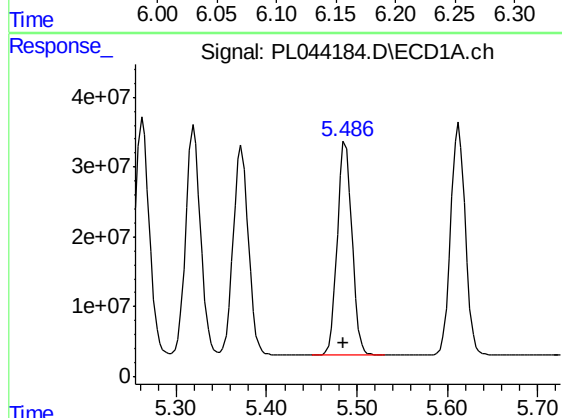
R.T.: 5.320 min  
Delta R.T.: 0.002 min  
Response: 374335138  
Conc: 49.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



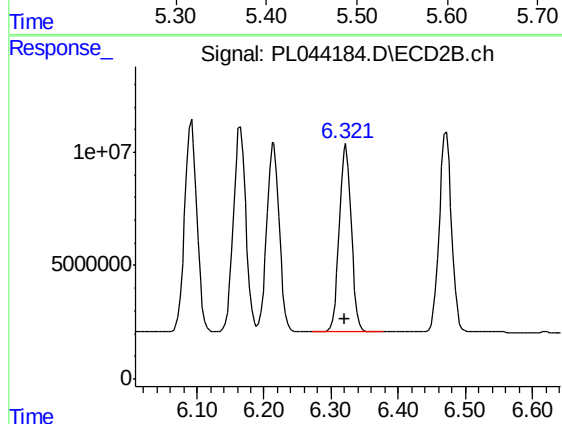
#11 alpha-Chlordane

R.T.: 6.165 min  
Delta R.T.: 0.003 min  
Response: 117321922  
Conc: 46.63 ng/ml



#12 4,4'-DDE

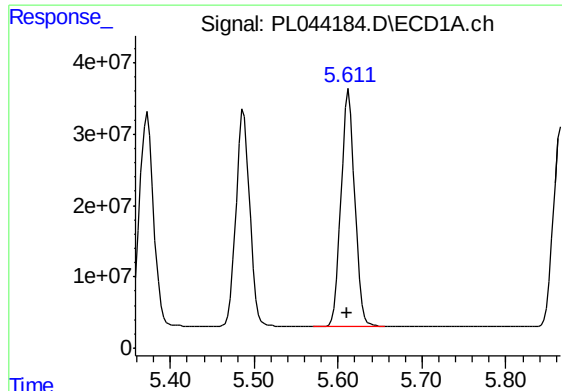
R.T.: 5.487 min  
Delta R.T.: 0.002 min  
Response: 341557205  
Conc: 50.43 ng/ml



#12 4,4'-DDE

R.T.: 6.322 min  
Delta R.T.: 0.002 min  
Response: 102575267  
Conc: 47.80 ng/ml

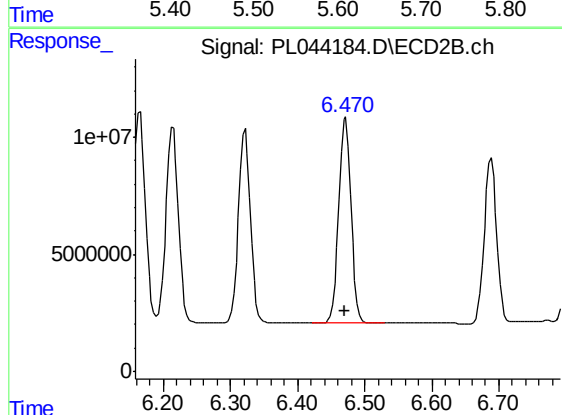




#13 Dieldrin

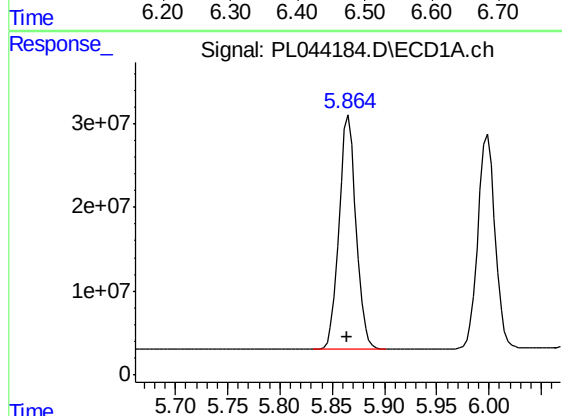
R.T.: 5.613 min  
Delta R.T.: 0.002 min  
Response: 374783484  
Conc: 49.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



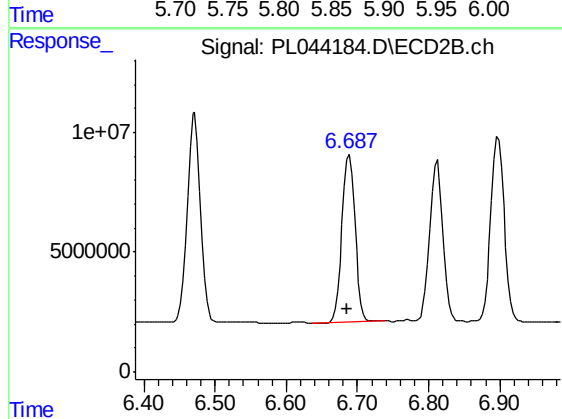
#13 Dieldrin

R.T.: 6.472 min  
Delta R.T.: 0.002 min  
Response: 111992601  
Conc: 46.74 ng/ml



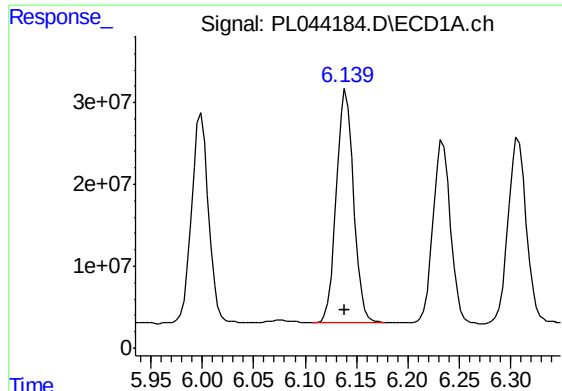
#14 Endrin

R.T.: 5.866 min  
Delta R.T.: 0.002 min  
Response: 318300857  
Conc: 47.47 ng/ml



#14 Endrin

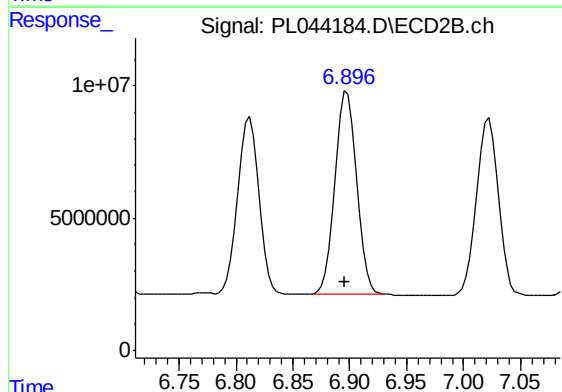
R.T.: 6.689 min  
Delta R.T.: 0.002 min  
Response: 89601729  
Conc: 44.46 ng/ml



#15 Endosulfan II

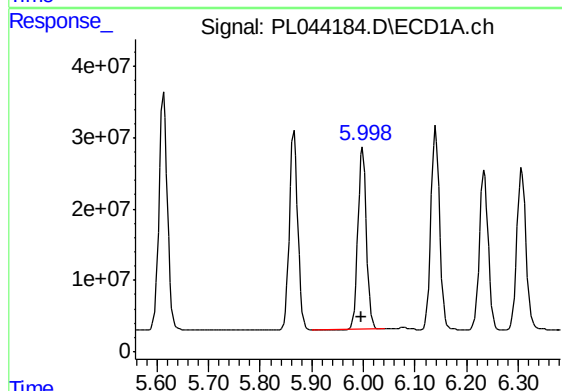
R.T.: 6.140 min  
Delta R.T.: 0.002 min  
Response: 333661534  
Conc: 49.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



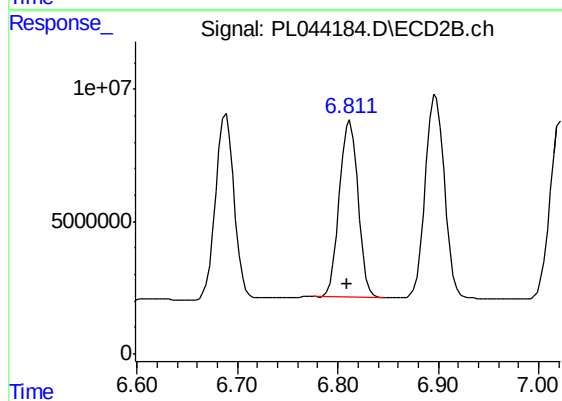
#15 Endosulfan II

R.T.: 6.898 min  
Delta R.T.: 0.003 min  
Response: 100916888  
Conc: 47.79 ng/ml



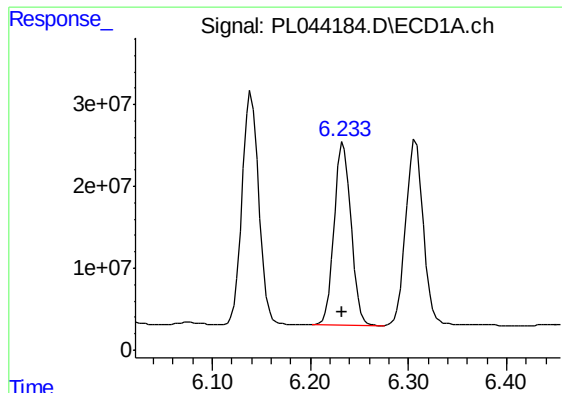
#16 4,4'-DDD

R.T.: 5.999 min  
Delta R.T.: 0.002 min  
Response: 291270450  
Conc: 52.42 ng/ml



#16 4,4'-DDD

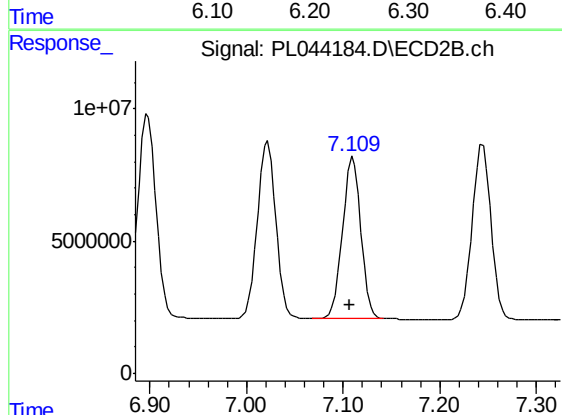
R.T.: 6.812 min  
Delta R.T.: 0.003 min  
Response: 85743657  
Conc: 50.00 ng/ml



#17 4,4'-DDT

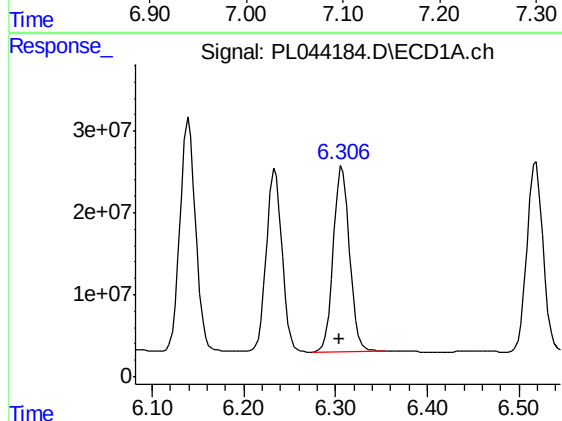
R.T.: 6.234 min  
Delta R.T.: 0.002 min  
Response: 265591100  
Conc: 52.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



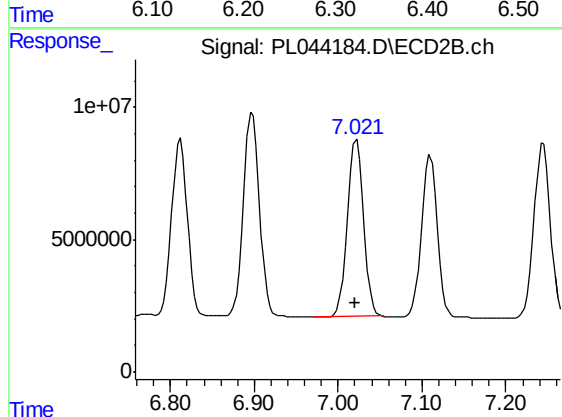
#17 4,4'-DDT

R.T.: 7.110 min  
Delta R.T.: 0.003 min  
Response: 79419025  
Conc: 48.39 ng/ml



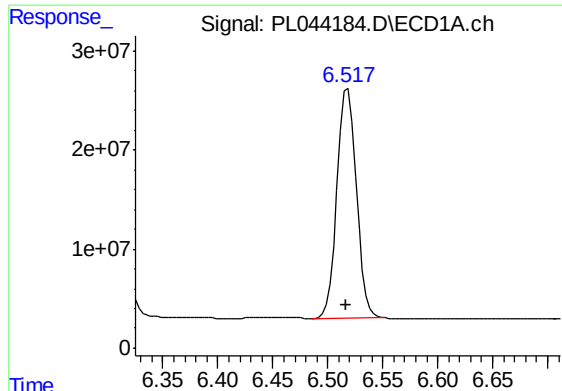
#18 Endrin aldehyde

R.T.: 6.307 min  
Delta R.T.: 0.002 min  
Response: 279615426  
Conc: 49.45 ng/ml



#18 Endrin aldehyde

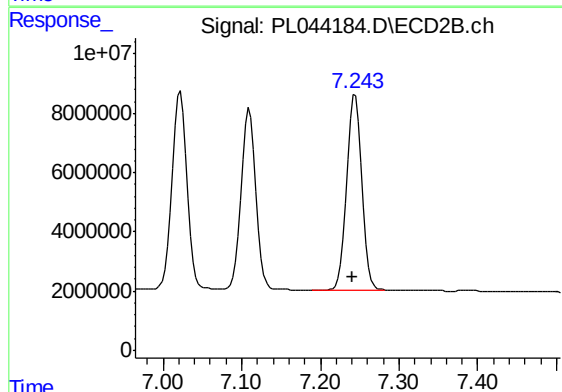
R.T.: 7.022 min  
Delta R.T.: 0.003 min  
Response: 88927321  
Conc: 46.62 ng/ml



#19 Endosulfan Sulfate

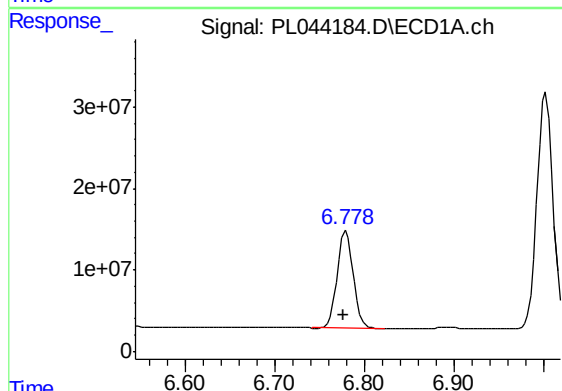
R.T.: 6.518 min  
Delta R.T.: 0.002 min  
Response: 285185707  
Conc: 50.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



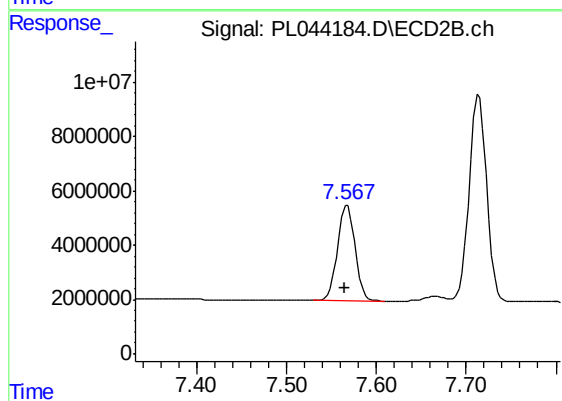
#19 Endosulfan Sulfate

R.T.: 7.245 min  
Delta R.T.: 0.003 min  
Response: 89921664  
Conc: 46.76 ng/ml



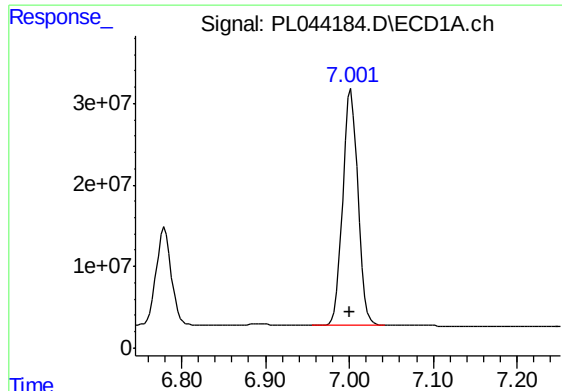
#20 Methoxychlor

R.T.: 6.780 min  
Delta R.T.: 0.003 min  
Response: 148515980  
Conc: 50.08 ng/ml



#20 Methoxychlor

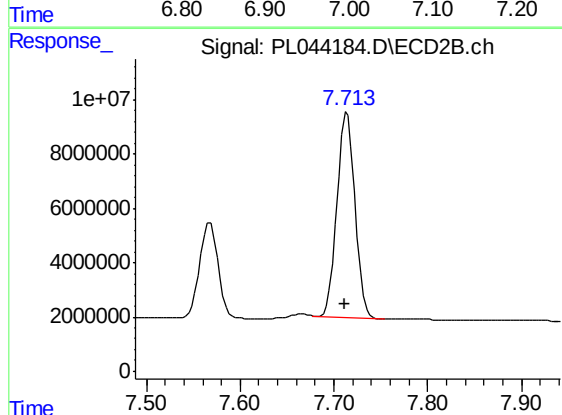
R.T.: 7.568 min  
Delta R.T.: 0.003 min  
Response: 48068271  
Conc: 47.00 ng/ml



#21 Endrin ketone

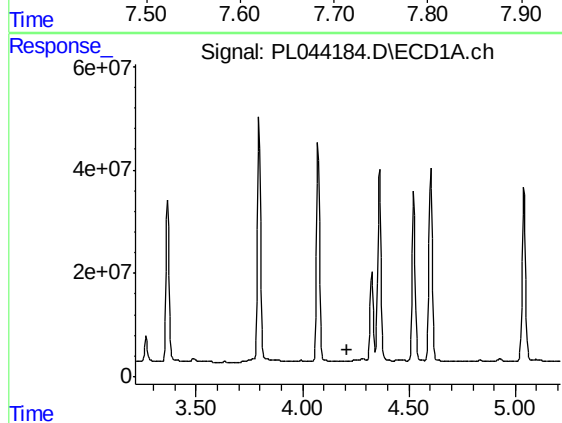
R.T.: 7.002 min  
Delta R.T.: 0.002 min  
Response: 360957336  
Conc: 51.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



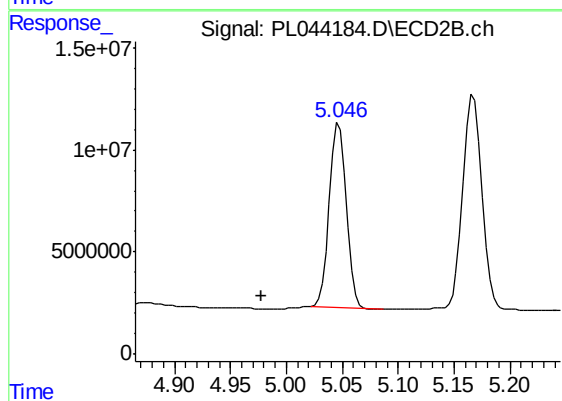
#21 Endrin ketone

R.T.: 7.714 min  
Delta R.T.: 0.003 min  
Response: 100810014  
Conc: 47.25 ng/ml



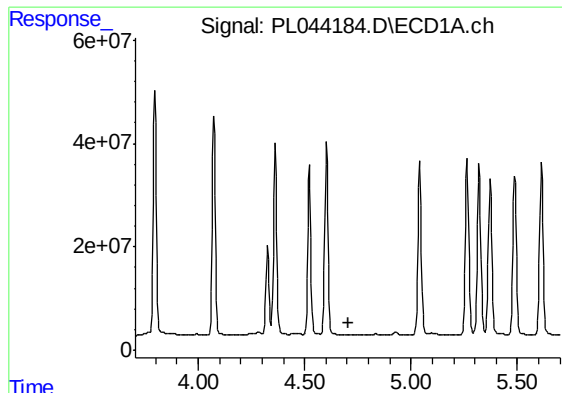
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.213 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

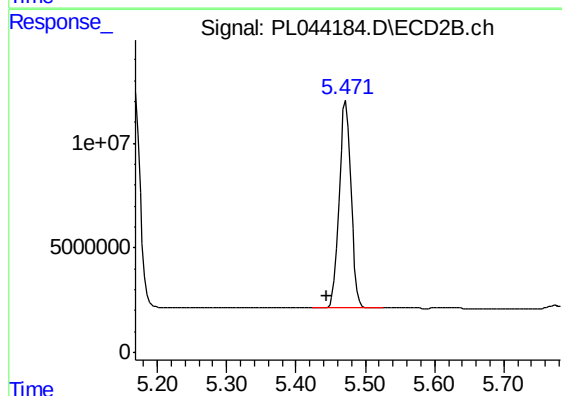
R.T.: 5.047 min  
Delta R.T.: 0.070 min  
Response: 96059556  
Conc: 964.97 ng/ml



#24 Chlordane-2

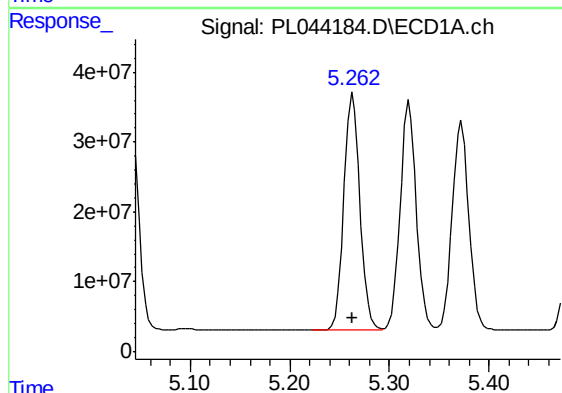
R.T.: 0.000 min  
Exp R.T.: 4.705 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



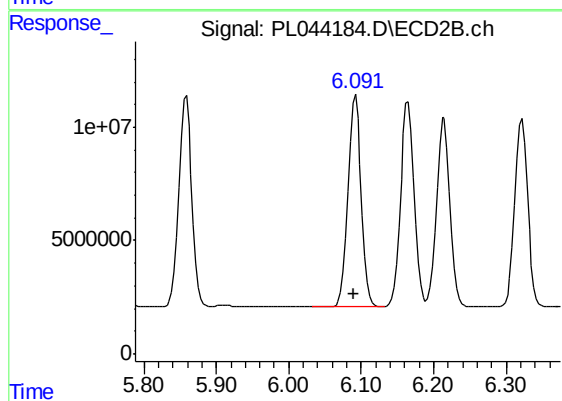
#24 Chlordane-2

R.T.: 5.472 min  
Delta R.T.: 0.027 min  
Response: 117706639  
Conc: 1057.78 ng/ml



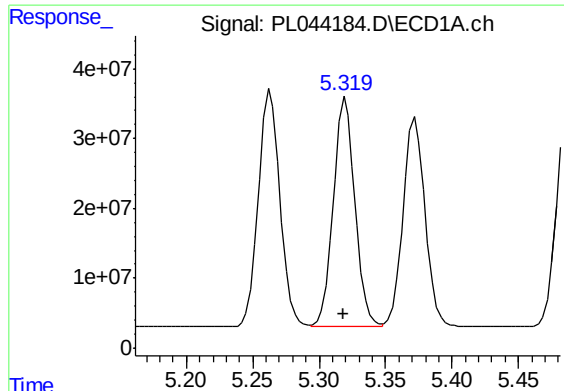
#25 Chlordane-3

R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 380459896  
Conc: 441.38 ng/ml



#25 Chlordane-3

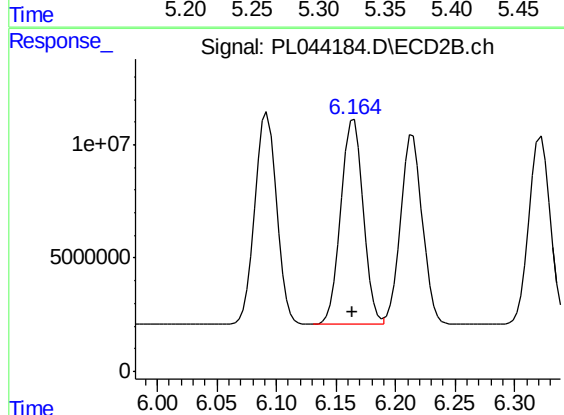
R.T.: 6.092 min  
Delta R.T.: 0.002 min  
Response: 118106319  
Conc: 339.88 ng/ml



#26 Chlordane-4

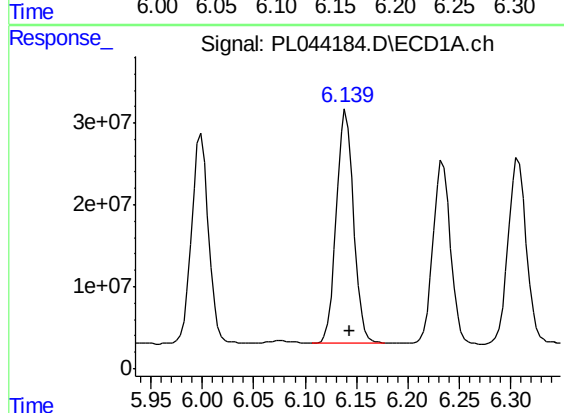
R.T.: 5.320 min  
Delta R.T.: 0.001 min  
Response: 374335138  
Conc: 485.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



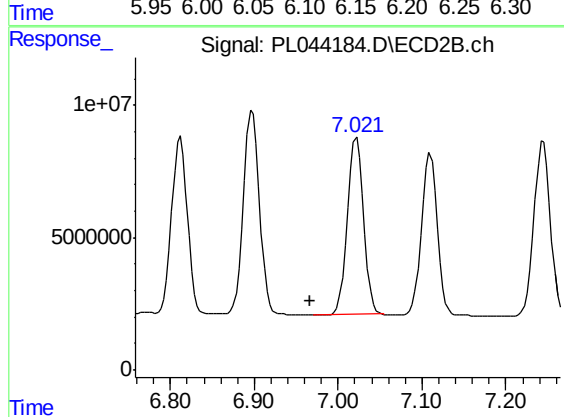
#26 Chlordane-4

R.T.: 6.165 min  
Delta R.T.: 0.000 min  
Response: 117321922  
Conc: 279.45 ng/ml



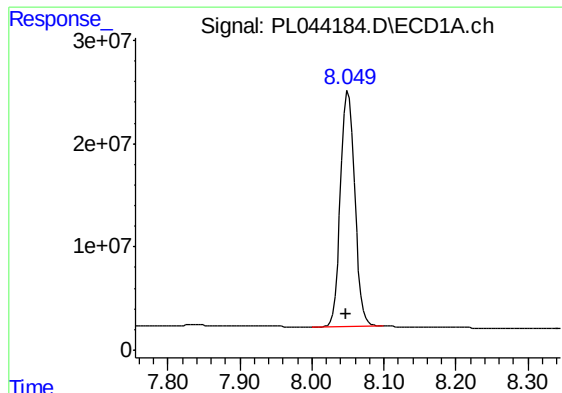
#27 Chlordane-5

R.T.: 6.140 min  
Delta R.T.: -0.003 min  
Response: 333661534  
Conc: 1377.13 ng/ml



#27 Chlordane-5

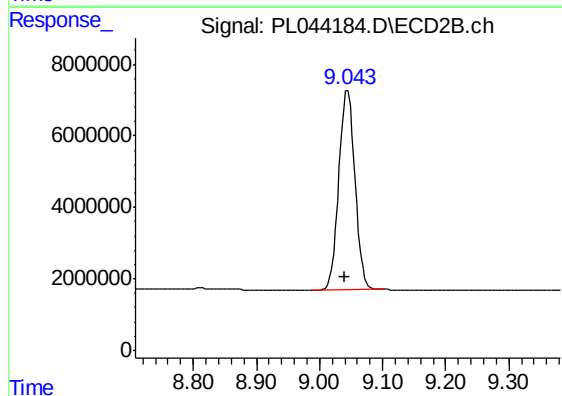
R.T.: 7.022 min  
Delta R.T.: 0.055 min  
Response: 88927321  
Conc: 1176.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.051 min  
Delta R.T.: 0.003 min  
Response: 313129602  
Conc: 45.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.045 min  
Delta R.T.: 0.005 min  
Response: 98918838  
Conc: 44.59 ng/ml