

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053019\  
 Data File : PL049107.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 May 2019 17:42  
 Operator : SM\AJ  
 Sample : K3041-08MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-2-SMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 31 05:07:51 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 31 01:35:35 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... | 3.324 | 3.937  | 183.0E6  | 49825968 | 16.605   | 17.246     |
| 28)                         | SA Decachlor... | 7.993 | 8.974  | 270.6E6  | 73211170 | 21.283   | 21.921     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.752 | 4.325  | 1018.9E6 | 244.0E6  | 56.552   | 60.862     |
| 3)                          | MA gamma-BHC... | 4.028 | 4.609  | 952.8E6  | 223.4E6  | 56.216   | 59.681     |
| 4)                          | MA Heptachlor   | 4.313 | 5.112  | 960.9E6  | 219.7E6  | 54.266   | 54.683     |
| 5)                          | MB Aldrin       | 4.552 | 5.415  | 886.1E6  | 194.0E6  | 51.897   | 52.732     |
| 6)                          | B beta-BHC      | 4.282 | 4.784  | 396.0E6  | 98248957 | 56.996   | 57.040     |
| 7)                          | B delta-BHC     | 4.476 | 4.998  | 961.0E6  | 198.6E6  | 59.468   | 64.741     |
| 8)                          | B Heptachlor... | 4.989 | 5.801  | 877.4E6  | 193.8E6  | 59.161   | 59.291     |
| 9)                          | A Endosulfan I  | 5.319 | 6.157  | 831.0E6  | 186.4E6  | 56.786   | 57.887     |
| 10)                         | B gamma-Chl...  | 5.212 | 6.035  | 904.2E6  | 199.6E6  | 56.641   | 57.707     |
| 11)                         | B alpha-Chl...  | 5.267 | 6.107  | 878.6E6  | 199.9E6  | 56.238   | 57.611     |
| 12)                         | B 4,4'-DDE      | 5.435 | 6.267  | 863.5E6  | 189.0E6  | 55.201   | 57.584     |
| 13)                         | MA Dieldrin     | 5.558 | 6.413  | 890.2E6  | 196.3E6  | 58.220   | 58.535     |
| 14)                         | MA Endrin       | 5.811 | 6.630  | 874.0E6  | 178.8E6  | 60.597   | 59.920     |
| 15)                         | B Endosulfa...  | 6.086 | 6.842  | 767.6E6  | 177.7E6  | 58.126   | 58.572     |
| 16)                         | A 4,4'-DDD      | 5.946 | 6.758  | 679.7E6  | 155.1E6  | 57.112   | 58.968     |
| 17)                         | MA 4,4'-DDT     | 6.181 | 7.055  | 717.3E6  | 162.1E6  | 58.254   | 57.824     |
| 18)                         | B Endrin al...  | 6.253 | 6.966  | 628.5E6  | 150.5E6  | 57.429   | 58.360     |
| 19)                         | B Endosulfa...  | 6.465 | 7.189  | 684.6E6  | 165.7E6  | 52.728   | 54.486     |
| 20)                         | A Methoxychlor  | 6.726 | 7.515  | 362.5E6  | 92449943 | 56.519   | 55.765     |
| 21)                         | B Endrin ke...  | 6.947 | 7.657  | 778.8E6  | 178.4E6  | 56.874   | 56.077     |
| 22)                         | Mirex           | 7.121 | 8.108  | 378.7E6  | 97305312 | 35.937   | 37.461     |
| 24)                         | Chlordane-2     | 0.000 | 5.415f | 0        | 194.0E6  | N.D.     | 1383.353 # |
| 25)                         | Chlordane-3     | 5.212 | 6.035  | 904.2E6  | 199.6E6  | 506.710  | 420.881    |
| 26)                         | Chlordane-4     | 5.267 | 6.107  | 878.6E6  | 199.9E6  | 535.339  | 352.713 #  |
| 27)                         | Chlordane-5     | 6.086 | 0.000  | 767.6E6  | 0        | 1474.009 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

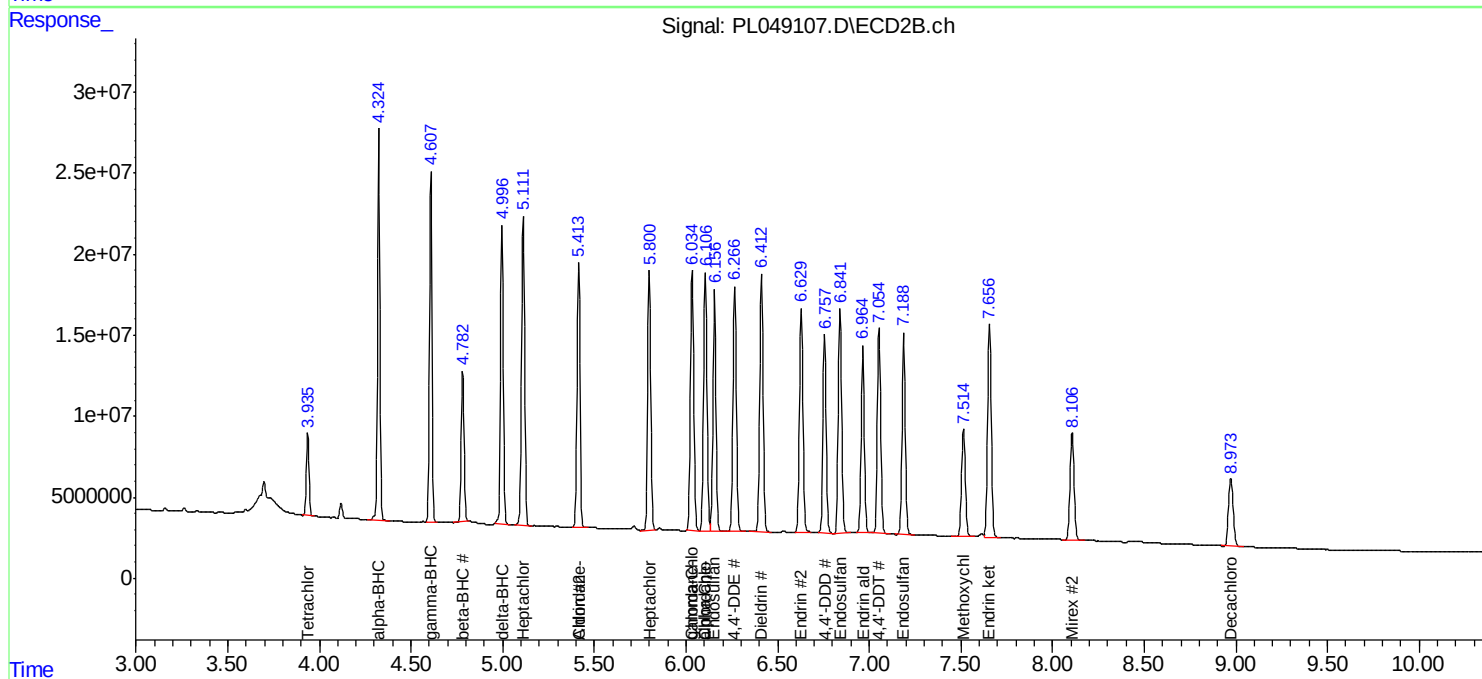
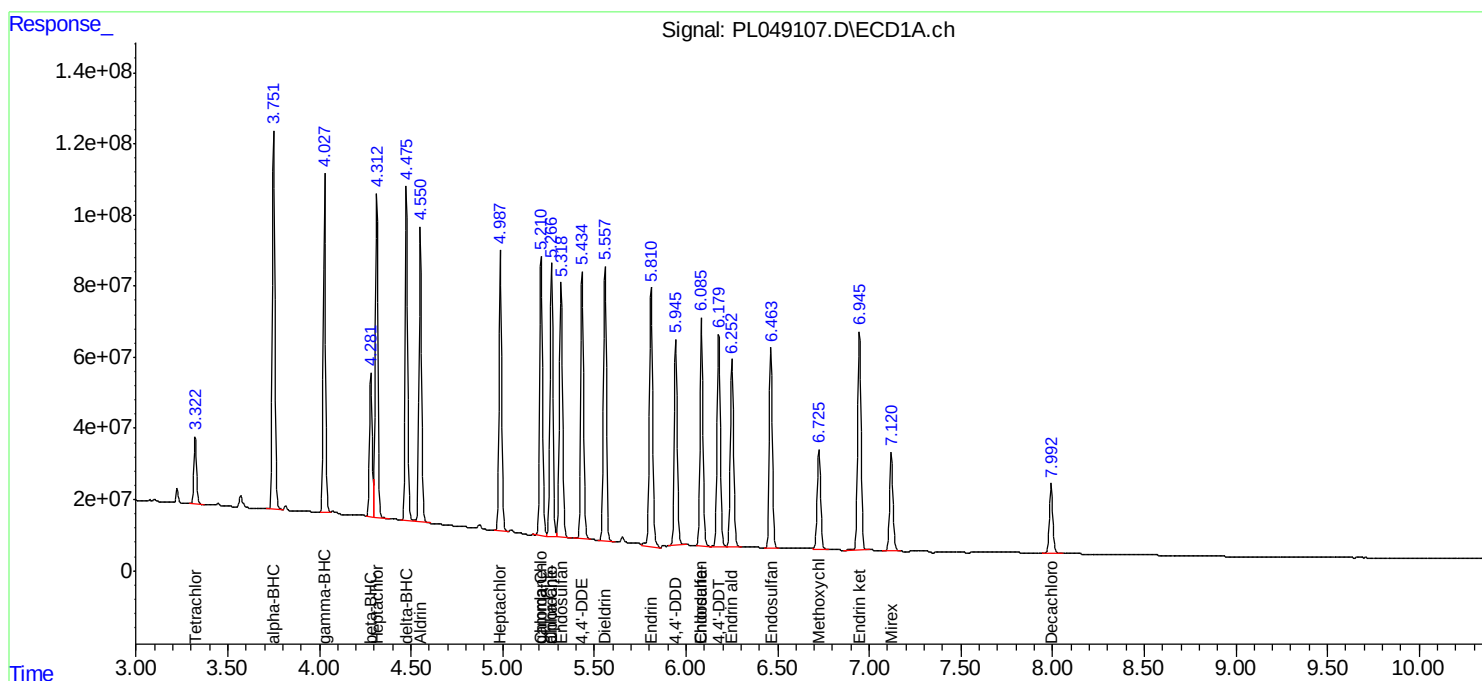
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

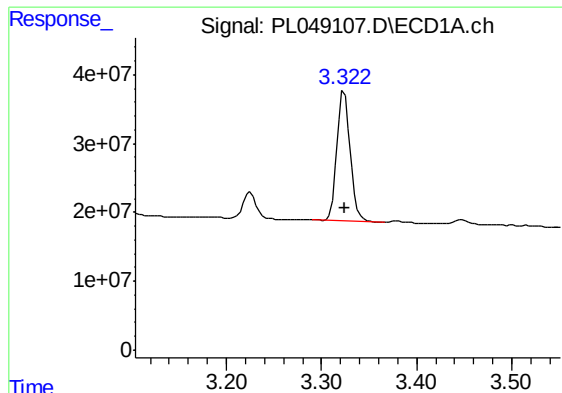
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053019\  
Data File : PL049107.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 May 2019 17:42  
Operator : SM\AJ  
Sample : K3041-08MS  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
TP-2-SMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 31 05:07:51 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
Quant Title : GC Extractables  
QLast Update : Fri May 31 01:35:35 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

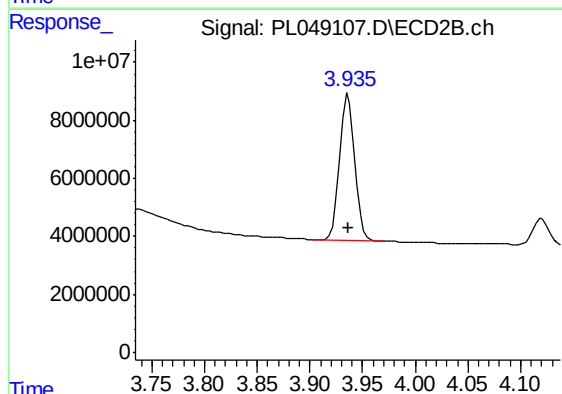




#1 Tetrachloro-m-xylene

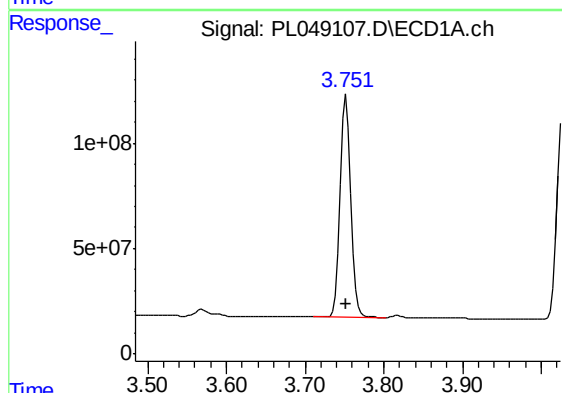
R.T.: 3.324 min  
Delta R.T.: 0.000 min  
Response: 182964950  
Conc: 16.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-SMS



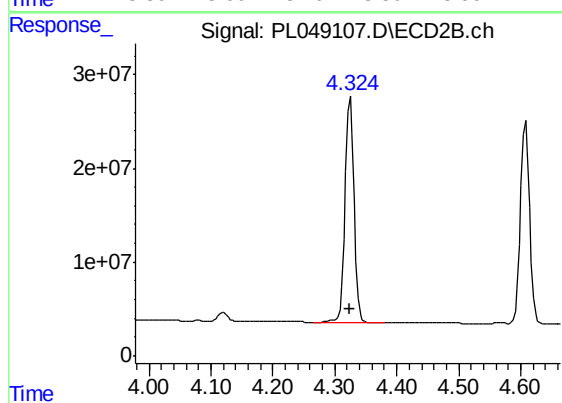
#1 Tetrachloro-m-xylene

R.T.: 3.937 min  
Delta R.T.: 0.000 min  
Response: 49825968  
Conc: 17.25 ng/ml



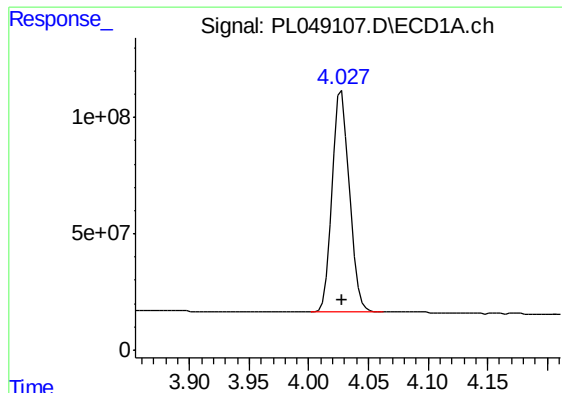
#2 alpha-BHC

R.T.: 3.752 min  
Delta R.T.: 0.000 min  
Response: 1018874437  
Conc: 56.55 ng/ml



#2 alpha-BHC

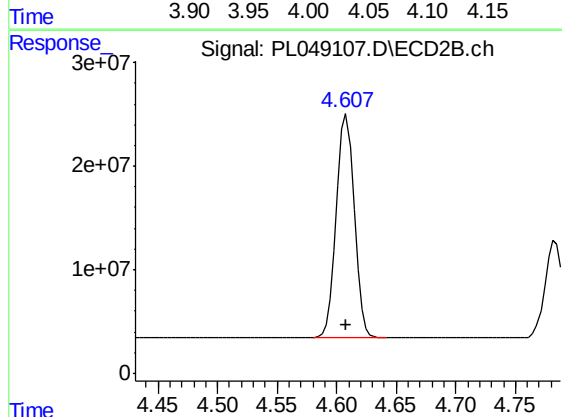
R.T.: 4.325 min  
Delta R.T.: 0.000 min  
Response: 243953296  
Conc: 60.86 ng/ml



#3 gamma-BHC (Lindane)

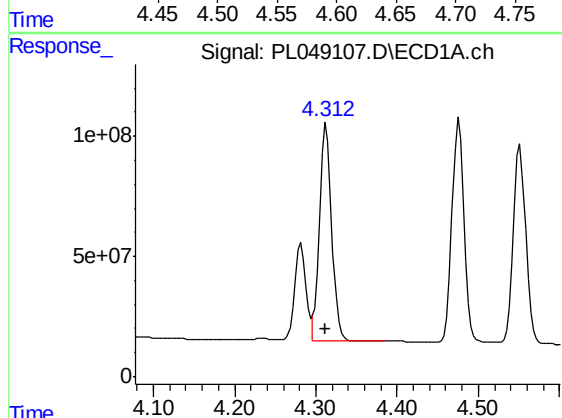
R.T.: 4.028 min  
Delta R.T.: 0.000 min  
Response: 952788077  
Conc: 56.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-SMS



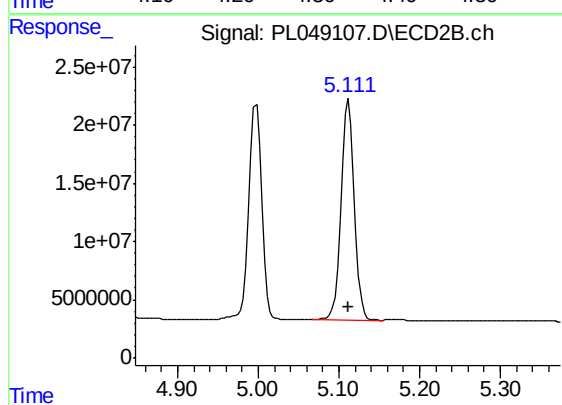
#3 gamma-BHC (Lindane)

R.T.: 4.609 min  
Delta R.T.: 0.000 min  
Response: 223424943  
Conc: 59.68 ng/ml



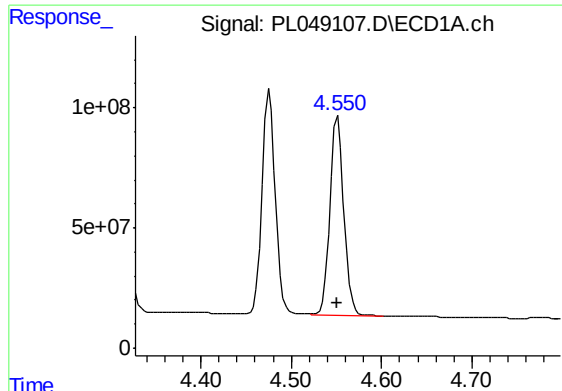
#4 Heptachlor

R.T.: 4.313 min  
Delta R.T.: 0.000 min  
Response: 960949972  
Conc: 54.27 ng/ml



#4 Heptachlor

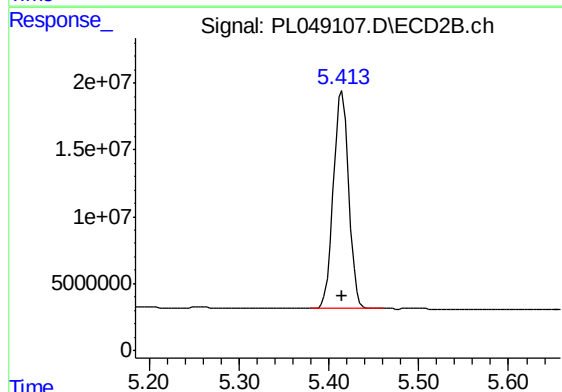
R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 219746242  
Conc: 54.68 ng/ml



#5 Aldrin

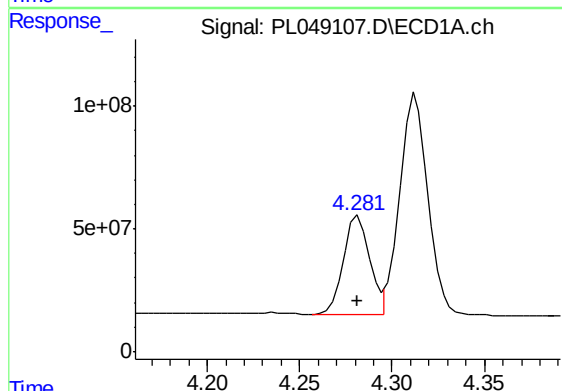
R.T.: 4.552 min  
Delta R.T.: 0.000 min  
Response: 886115608  
Conc: 51.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-SMS



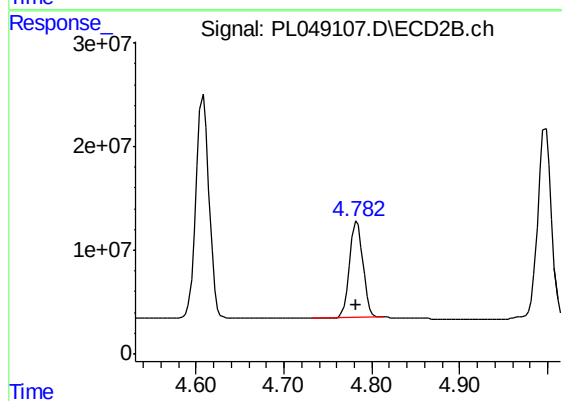
#5 Aldrin

R.T.: 5.415 min  
Delta R.T.: 0.000 min  
Response: 194010167  
Conc: 52.73 ng/ml



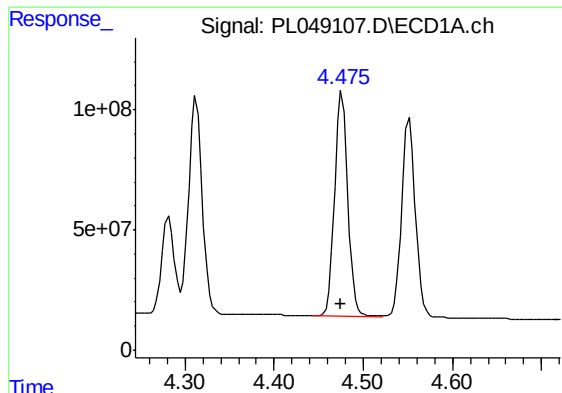
#6 beta-BHC

R.T.: 4.282 min  
Delta R.T.: 0.000 min  
Response: 396049175  
Conc: 57.00 ng/ml



#6 beta-BHC

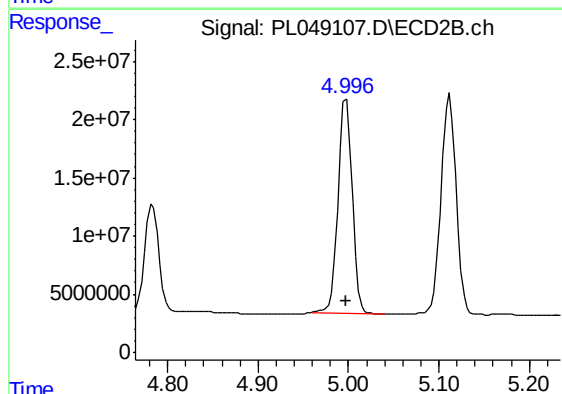
R.T.: 4.784 min  
Delta R.T.: 0.000 min  
Response: 98248957  
Conc: 57.04 ng/ml



#7 delta-BHC

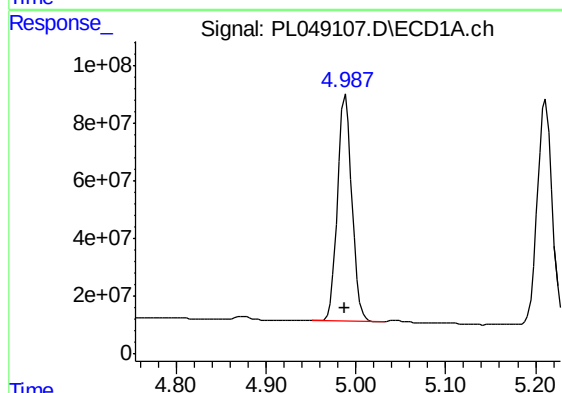
R.T.: 4.476 min  
Delta R.T.: 0.000 min  
Response: 961029823  
Conc: 59.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-SMS



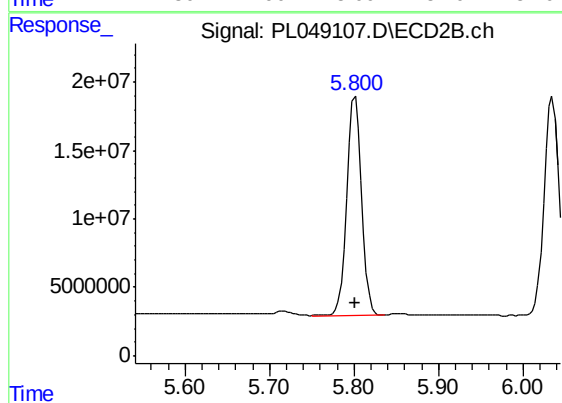
#7 delta-BHC

R.T.: 4.998 min  
Delta R.T.: 0.000 min  
Response: 198573158  
Conc: 64.74 ng/ml



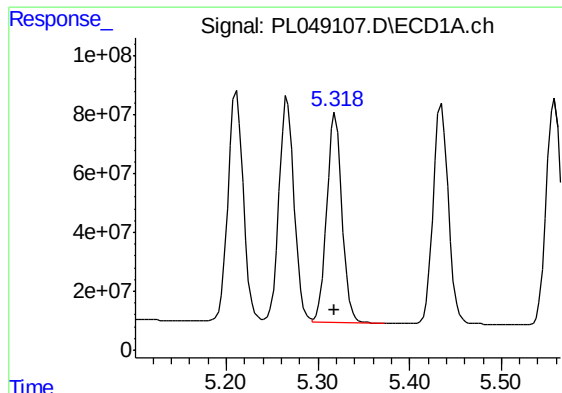
#8 Heptachlor epoxide

R.T.: 4.989 min  
Delta R.T.: 0.000 min  
Response: 877369726  
Conc: 59.16 ng/ml



#8 Heptachlor epoxide

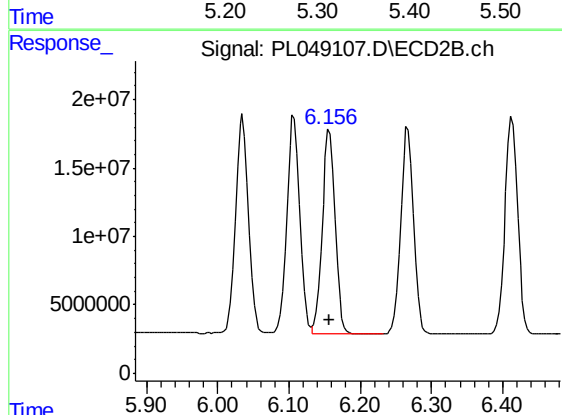
R.T.: 5.801 min  
Delta R.T.: 0.000 min  
Response: 193809012  
Conc: 59.29 ng/ml



#9 Endosulfan I

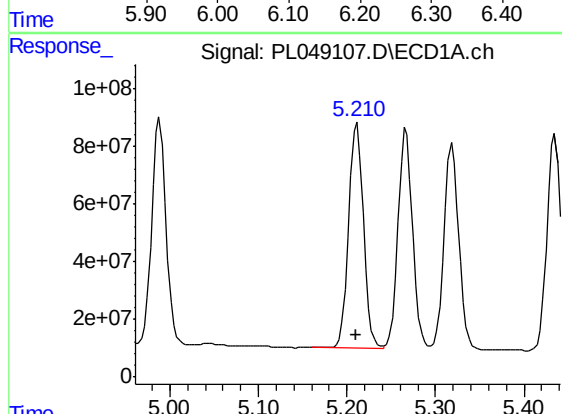
R.T.: 5.319 min  
Delta R.T.: 0.000 min  
Response: 831030346  
Conc: 56.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-SMS



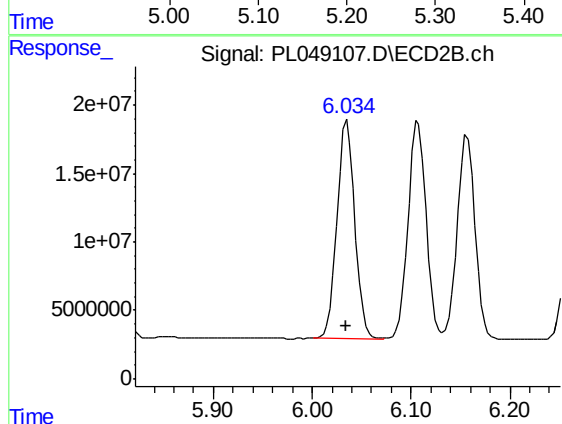
#9 Endosulfan I

R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 186440279  
Conc: 57.89 ng/ml



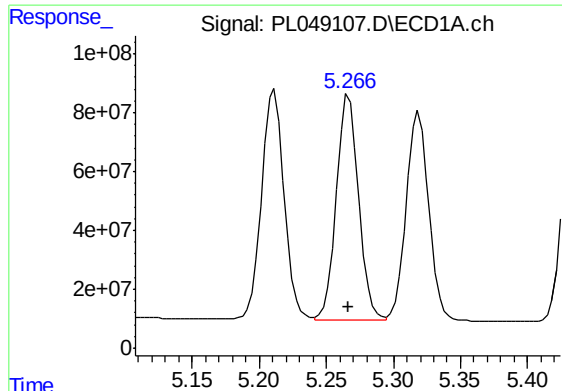
#10 gamma-Chlordane

R.T.: 5.212 min  
Delta R.T.: 0.000 min  
Response: 904211644  
Conc: 56.64 ng/ml



#10 gamma-Chlordane

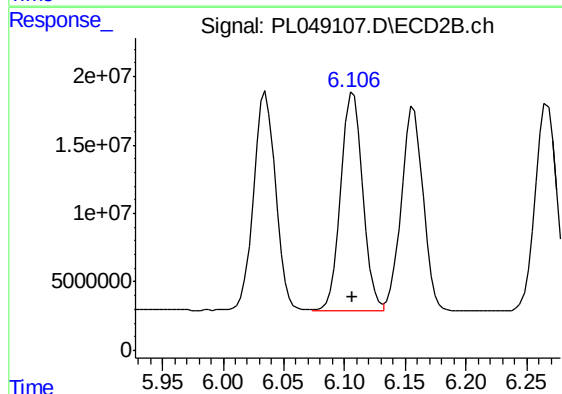
R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 199618482  
Conc: 57.71 ng/ml



#11 alpha-Chlordane

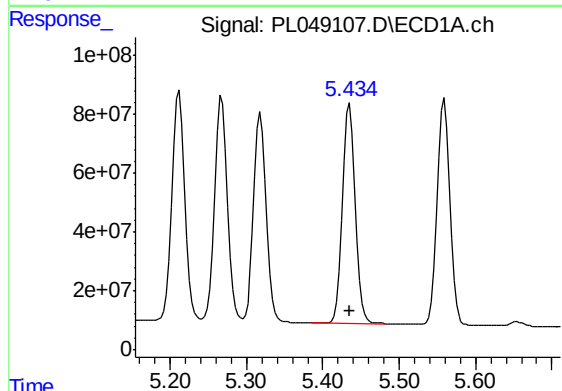
R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 878557895  
Conc: 56.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-SMS



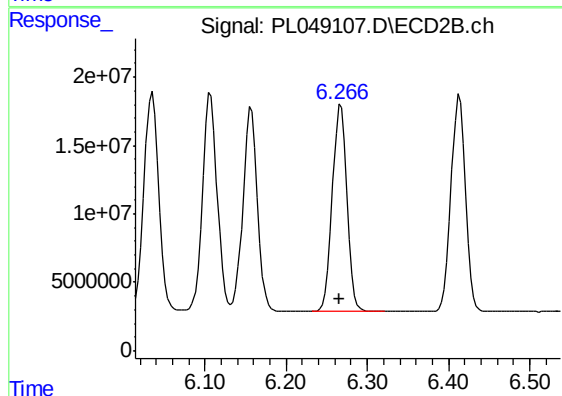
#11 alpha-Chlordane

R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 199862390  
Conc: 57.61 ng/ml



#12 4,4'-DDE

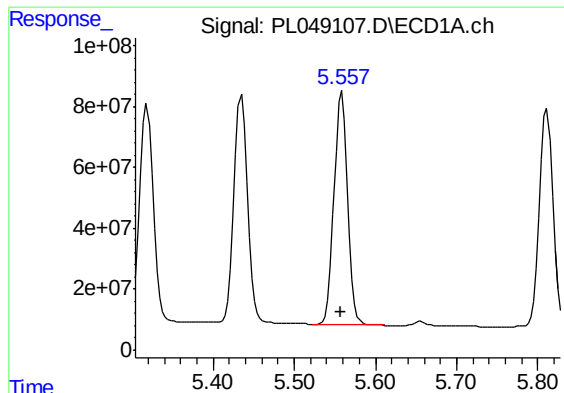
R.T.: 5.435 min  
Delta R.T.: 0.000 min  
Response: 863453217  
Conc: 55.20 ng/ml



#12 4,4'-DDE

R.T.: 6.267 min  
Delta R.T.: 0.000 min  
Response: 189032778  
Conc: 57.58 ng/ml

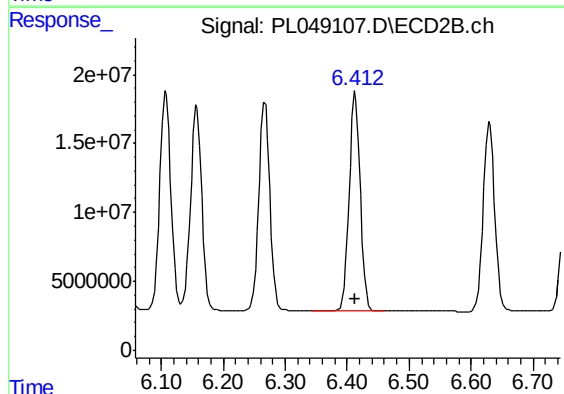




#13 Dieldrin

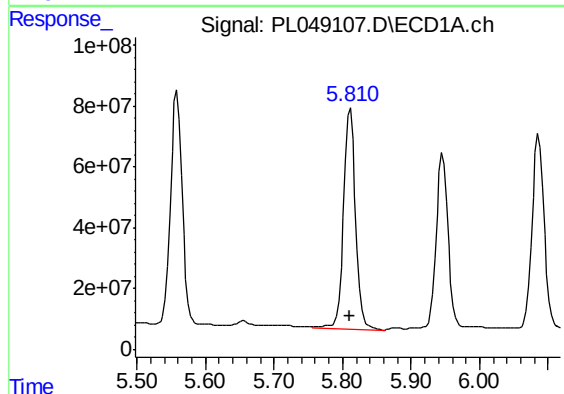
R.T.: 5.558 min  
Delta R.T.: 0.000 min  
Response: 890209886  
Conc: 58.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-SMS



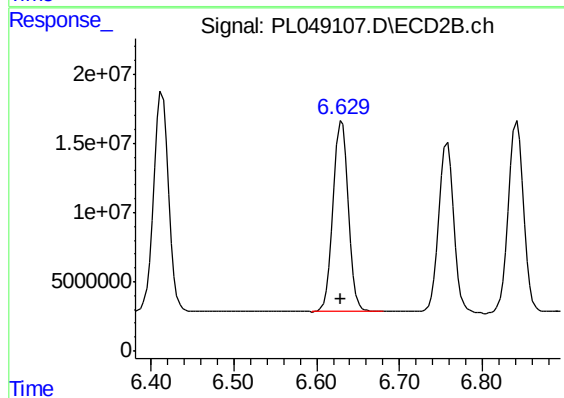
#13 Dieldrin

R.T.: 6.413 min  
Delta R.T.: 0.000 min  
Response: 196312592  
Conc: 58.53 ng/ml



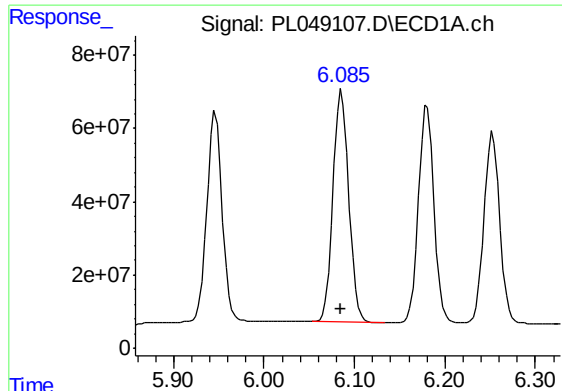
#14 Endrin

R.T.: 5.811 min  
Delta R.T.: 0.000 min  
Response: 874002126  
Conc: 60.60 ng/ml



#14 Endrin

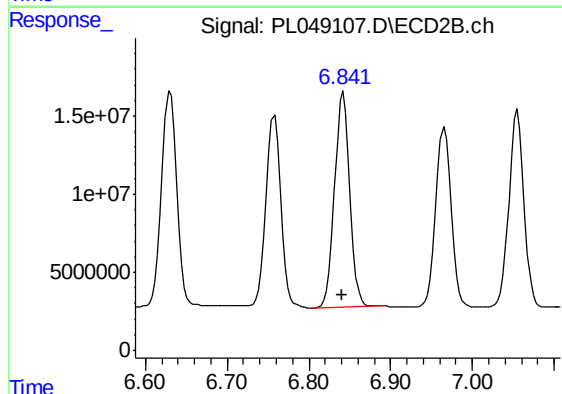
R.T.: 6.630 min  
Delta R.T.: 0.000 min  
Response: 178814171  
Conc: 59.92 ng/ml



#15 Endosulfan II

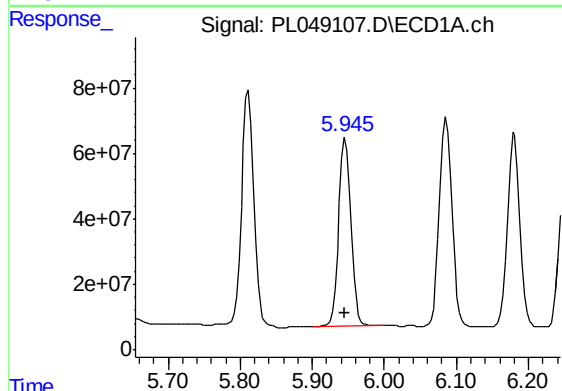
R.T.: 6.086 min  
Delta R.T.: 0.000 min  
Response: 767580372  
Conc: 58.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-SMS



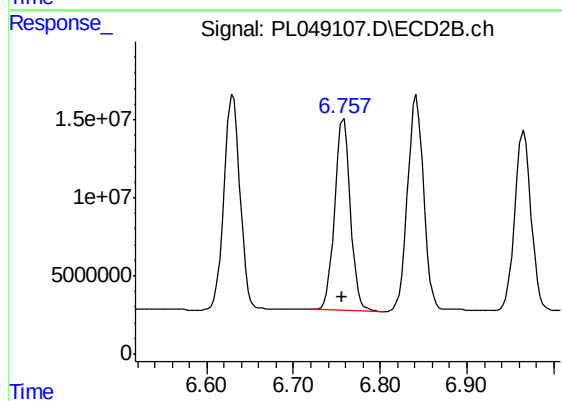
#15 Endosulfan II

R.T.: 6.842 min  
Delta R.T.: 0.001 min  
Response: 177657373  
Conc: 58.57 ng/ml



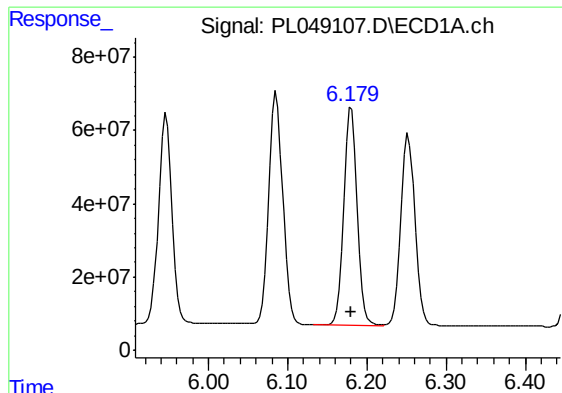
#16 4,4'-DDD

R.T.: 5.946 min  
Delta R.T.: 0.000 min  
Response: 679678631  
Conc: 57.11 ng/ml



#16 4,4'-DDD

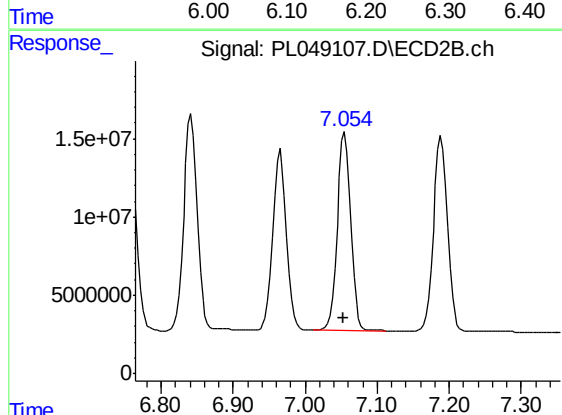
R.T.: 6.758 min  
Delta R.T.: 0.002 min  
Response: 155103467  
Conc: 58.97 ng/ml



#17 4,4'-DDT

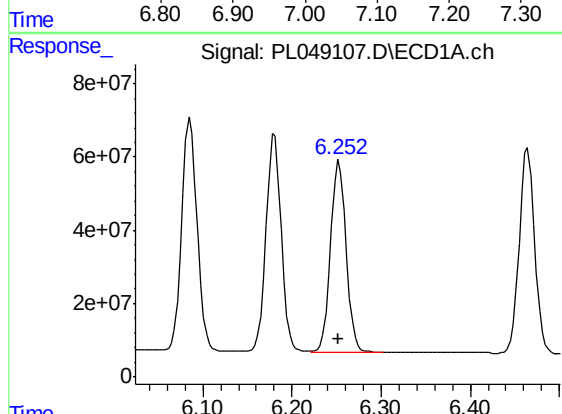
R.T.: 6.181 min  
Delta R.T.: 0.000 min  
Response: 717257489  
Conc: 58.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-SMS



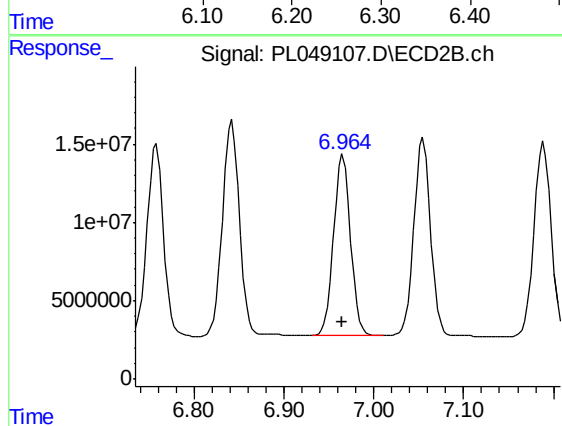
#17 4,4'-DDT

R.T.: 7.055 min  
Delta R.T.: 0.002 min  
Response: 162118911  
Conc: 57.82 ng/ml



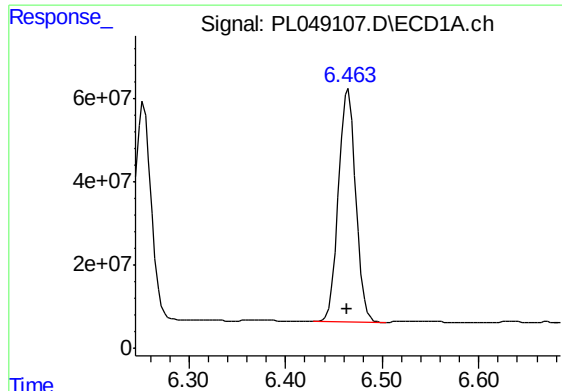
#18 Endrin aldehyde

R.T.: 6.253 min  
Delta R.T.: 0.000 min  
Response: 628510598  
Conc: 57.43 ng/ml



#18 Endrin aldehyde

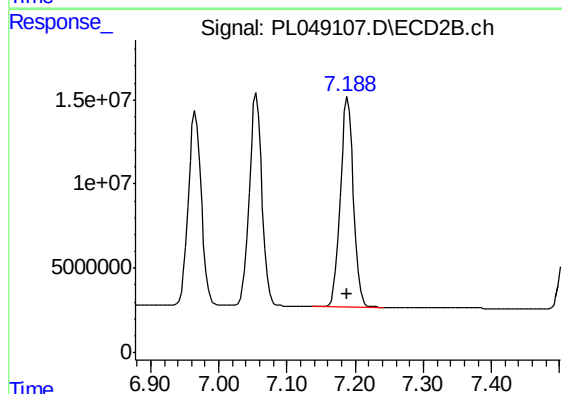
R.T.: 6.966 min  
Delta R.T.: 0.000 min  
Response: 150522443  
Conc: 58.36 ng/ml



#19 Endosulfan Sulfate

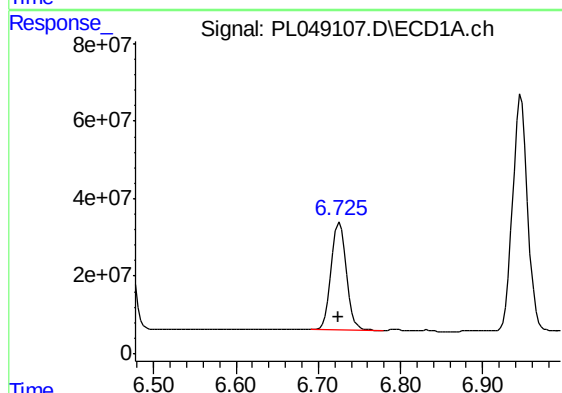
R.T.: 6.465 min  
Delta R.T.: 0.000 min  
Response: 684605036  
Conc: 52.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-SMS



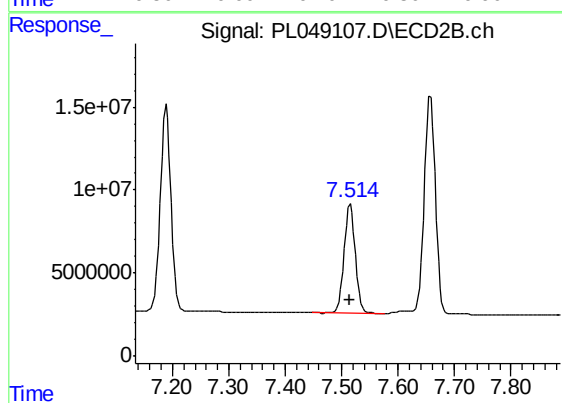
#19 Endosulfan Sulfate

R.T.: 7.189 min  
Delta R.T.: 0.001 min  
Response: 165684077  
Conc: 54.49 ng/ml



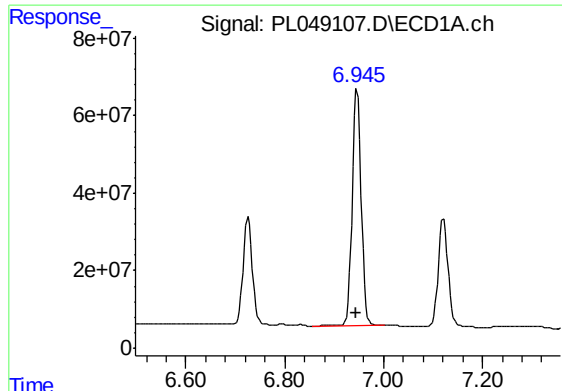
#20 Methoxychlor

R.T.: 6.726 min  
Delta R.T.: 0.001 min  
Response: 362494279  
Conc: 56.52 ng/ml



#20 Methoxychlor

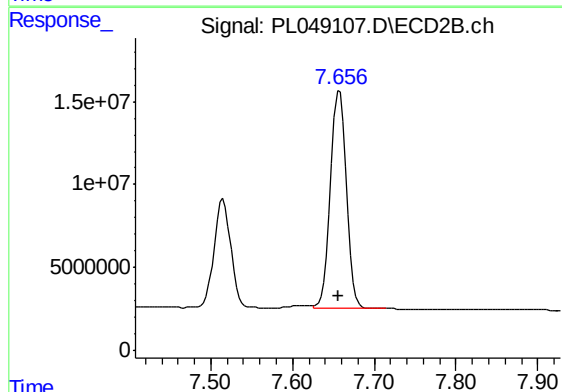
R.T.: 7.515 min  
Delta R.T.: 0.001 min  
Response: 92449943  
Conc: 55.77 ng/ml



#21 Endrin ketone

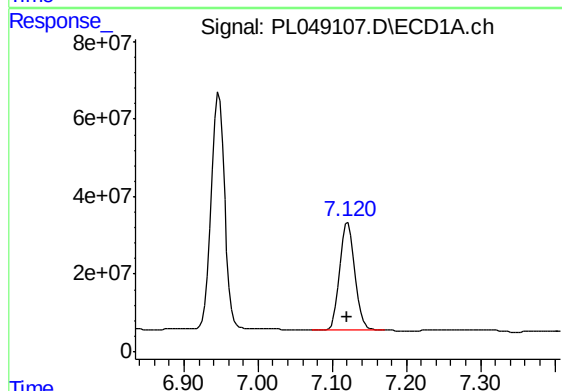
R.T.: 6.947 min  
Delta R.T.: 0.001 min  
Response: 778796870  
Conc: 56.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-SMS



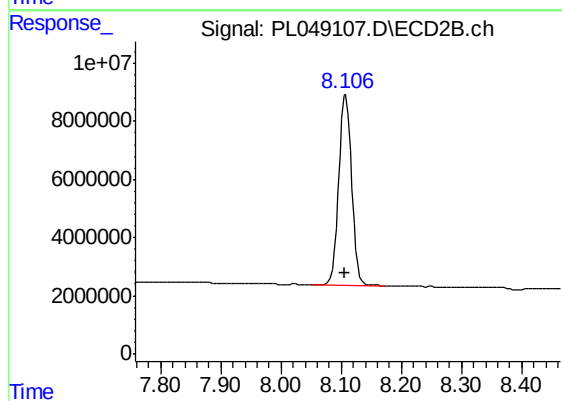
#21 Endrin ketone

R.T.: 7.657 min  
Delta R.T.: 0.000 min  
Response: 178375880  
Conc: 56.08 ng/ml



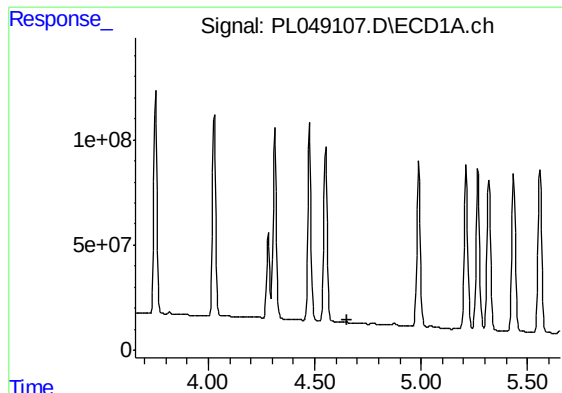
#22 Mirex

R.T.: 7.121 min  
Delta R.T.: 0.001 min  
Response: 378661623  
Conc: 35.94 ng/ml



#22 Mirex

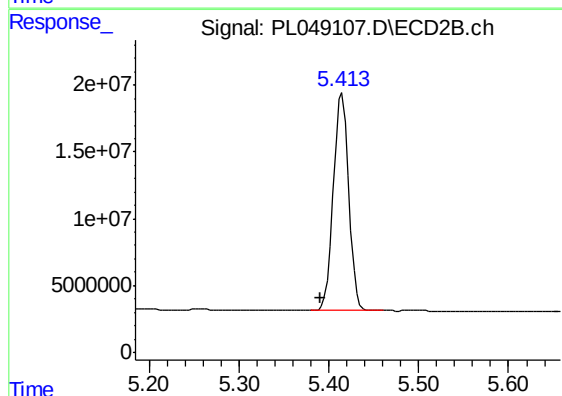
R.T.: 8.108 min  
Delta R.T.: 0.001 min  
Response: 97305312  
Conc: 37.46 ng/ml



#24 Chlordane-2

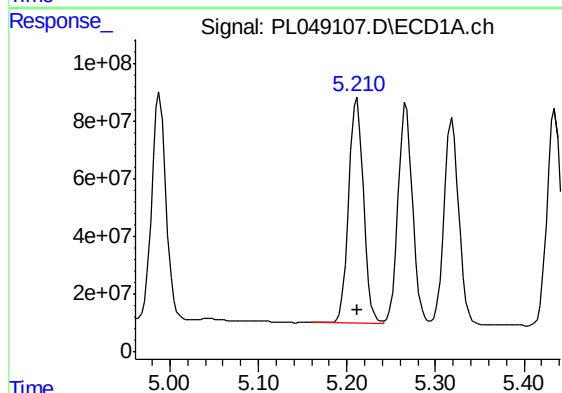
R.T.: 0.000 min  
Exp R.T.: 4.655 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-SMS



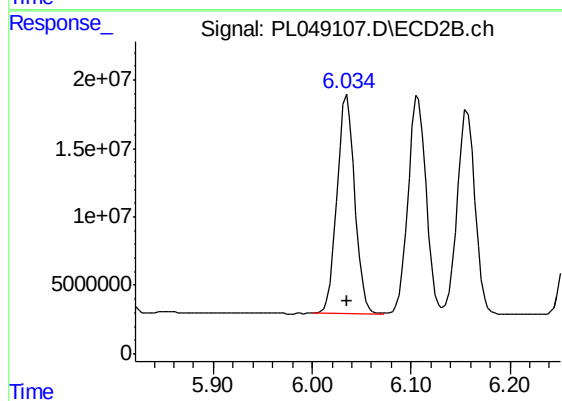
#24 Chlordane-2

R.T.: 5.415 min  
Delta R.T.: 0.024 min  
Response: 194010167  
Conc: 1383.35 ng/ml



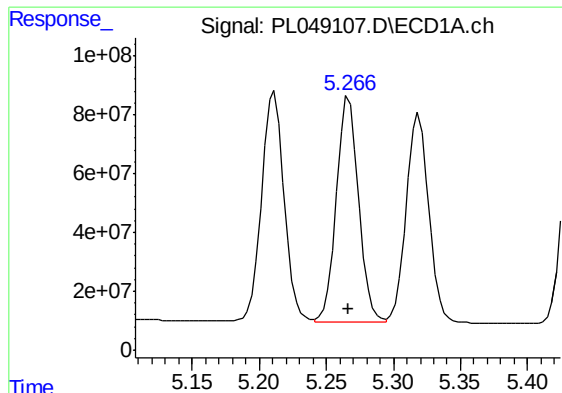
#25 Chlordane-3

R.T.: 5.212 min  
Delta R.T.: 0.000 min  
Response: 904211644  
Conc: 506.71 ng/ml



#25 Chlordane-3

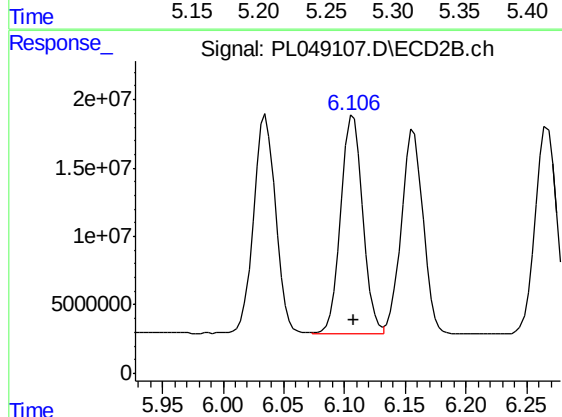
R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 199618482  
Conc: 420.88 ng/ml



#26 Chlordane-4

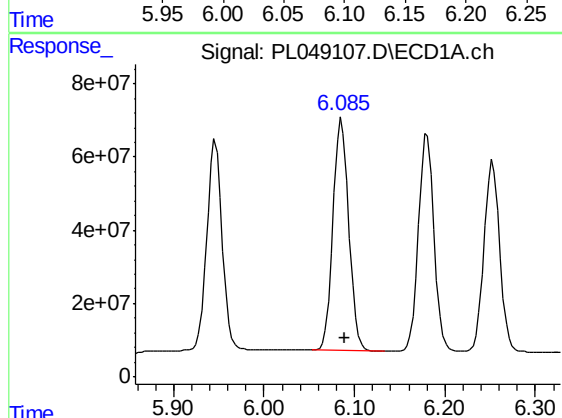
R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 878557895  
Conc: 535.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-SMS



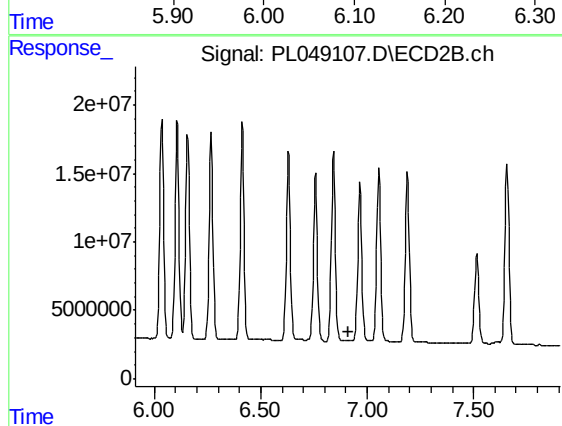
#26 Chlordane-4

R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 199862390  
Conc: 352.71 ng/ml



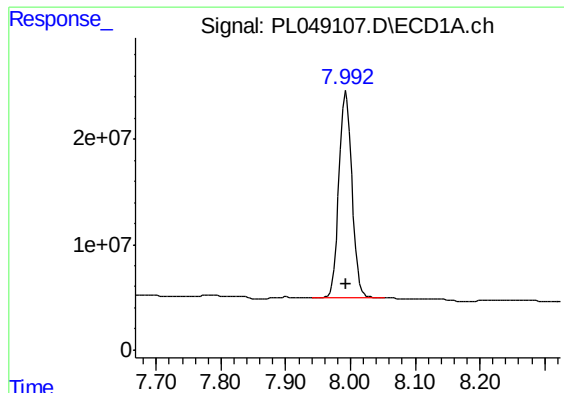
#27 Chlordane-5

R.T.: 6.086 min  
Delta R.T.: -0.003 min  
Response: 767580372  
Conc: 1474.01 ng/ml



#27 Chlordane-5

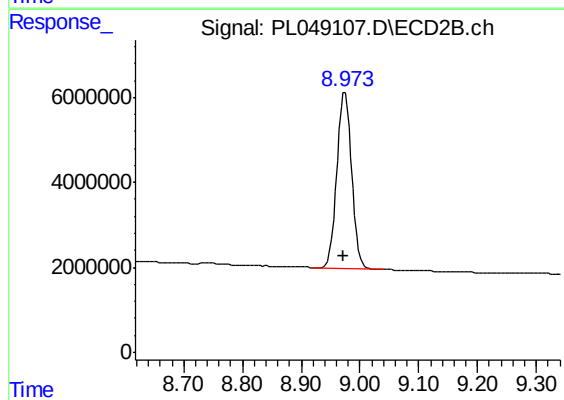
R.T.: 0.000 min  
Exp R.T. : 6.911 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.993 min  
Delta R.T.: 0.000 min  
Response: 270627752  
Conc: 21.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-SMS



#28 Decachlorobiphenyl

R.T.: 8.974 min  
Delta R.T.: 0.002 min  
Response: 73211170  
Conc: 21.92 ng/ml