

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052219\  
 Data File : PL048836.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 May 2019 14:00  
 Operator : SM\AJ  
 Sample : SOIL IDOC 04  
 Misc : FOR RAKESH PATEL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SOIL IDOC 04

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 23 01:08:20 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 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... | 3.326 | 3.938  | 186.4E6 | 53278468 | 19.243   | 21.389     |
| 28)                         | SA Decachlor... | 7.992 | 8.972  | 205.8E6 | 59544376 | 20.473   | 22.433     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.754 | 4.326  | 809.3E6 | 196.3E6  | 52.326   | 55.904     |
| 3)                          | MA gamma-BHC... | 4.030 | 4.610  | 758.7E6 | 181.9E6  | 53.395   | 55.695     |
| 4)                          | MA Heptachlor   | 4.314 | 5.112  | 777.5E6 | 186.8E6  | 52.848   | 53.963     |
| 5)                          | MB Aldrin       | 4.553 | 5.415  | 754.5E6 | 175.9E6  | 55.065   | 56.817     |
| 6)                          | B beta-BHC      | 4.283 | 4.784  | 309.1E6 | 83296942 | 52.376   | 53.532     |
| 7)                          | B delta-BHC     | 4.477 | 4.998  | 692.6E6 | 156.3E6  | 49.059   | 55.270     |
| 8)                          | B Heptachlor... | 4.989 | 5.801  | 678.4E6 | 162.9E6  | 52.655   | 55.850     |
| 9)                          | A Endosulfan I  | 5.320 | 6.156  | 627.5E6 | 152.3E6  | 52.162   | 53.854     |
| 10)                         | B gamma-Chl...  | 5.212 | 6.035  | 694.8E6 | 164.1E6  | 52.036   | 53.305     |
| 11)                         | B alpha-Chl...  | 5.268 | 6.107  | 671.7E6 | 162.9E6  | 51.379   | 53.090     |
| 12)                         | B 4,4'-DDE      | 5.436 | 6.267  | 661.8E6 | 151.9E6  | 52.173   | 55.006     |
| 13)                         | MA Dieldrin     | 5.559 | 6.413  | 680.3E6 | 158.5E6  | 52.245   | 54.035     |
| 14)                         | MA Endrin       | 5.811 | 6.629  | 527.5E6 | 119.7E6  | 43.334   | 45.901     |
| 15)                         | B Endosulfa...  | 6.086 | 6.841  | 566.5E6 | 138.8E6  | 49.091   | 51.476     |
| 16)                         | A 4,4'-DDD      | 5.946 | 6.757  | 506.6E6 | 123.5E6  | 52.044   | 55.042     |
| 17)                         | MA 4,4'-DDT     | 6.181 | 7.054  | 465.9E6 | 114.5E6  | 46.377   | 48.784     |
| 18)                         | B Endrin al...  | 6.253 | 6.965  | 486.8E6 | 123.1E6  | 50.092   | 52.524     |
| 19)                         | B Endosulfa...  | 6.464 | 7.187  | 533.9E6 | 133.8E6  | 49.749   | 51.692     |
| 20)                         | A Methoxychlor  | 6.725 | 7.514  | 230.7E6 | 64028383 | 42.367   | 46.901     |
| 21)                         | B Endrin ke...  | 6.946 | 7.656  | 623.2E6 | 152.4E6  | 53.467   | 58.328     |
| 22)                         | Mirex           | 7.121 | 8.106  | 427.6E6 | 118.3E6  | 47.708   | 56.107     |
| 24)                         | Chlordane-2     | 0.000 | 5.415f | 0       | 175.9E6  | N.D.     | 1360.313 # |
| 25)                         | Chlordane-3     | 5.212 | 6.035  | 694.8E6 | 164.1E6  | 441.270  | 374.477    |
| 26)                         | Chlordane-4     | 5.268 | 6.107  | 671.7E6 | 162.9E6  | 462.669  | 310.514 #  |
| 27)                         | Chlordane-5     | 6.086 | 0.000  | 566.5E6 | 0        | 1206.524 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

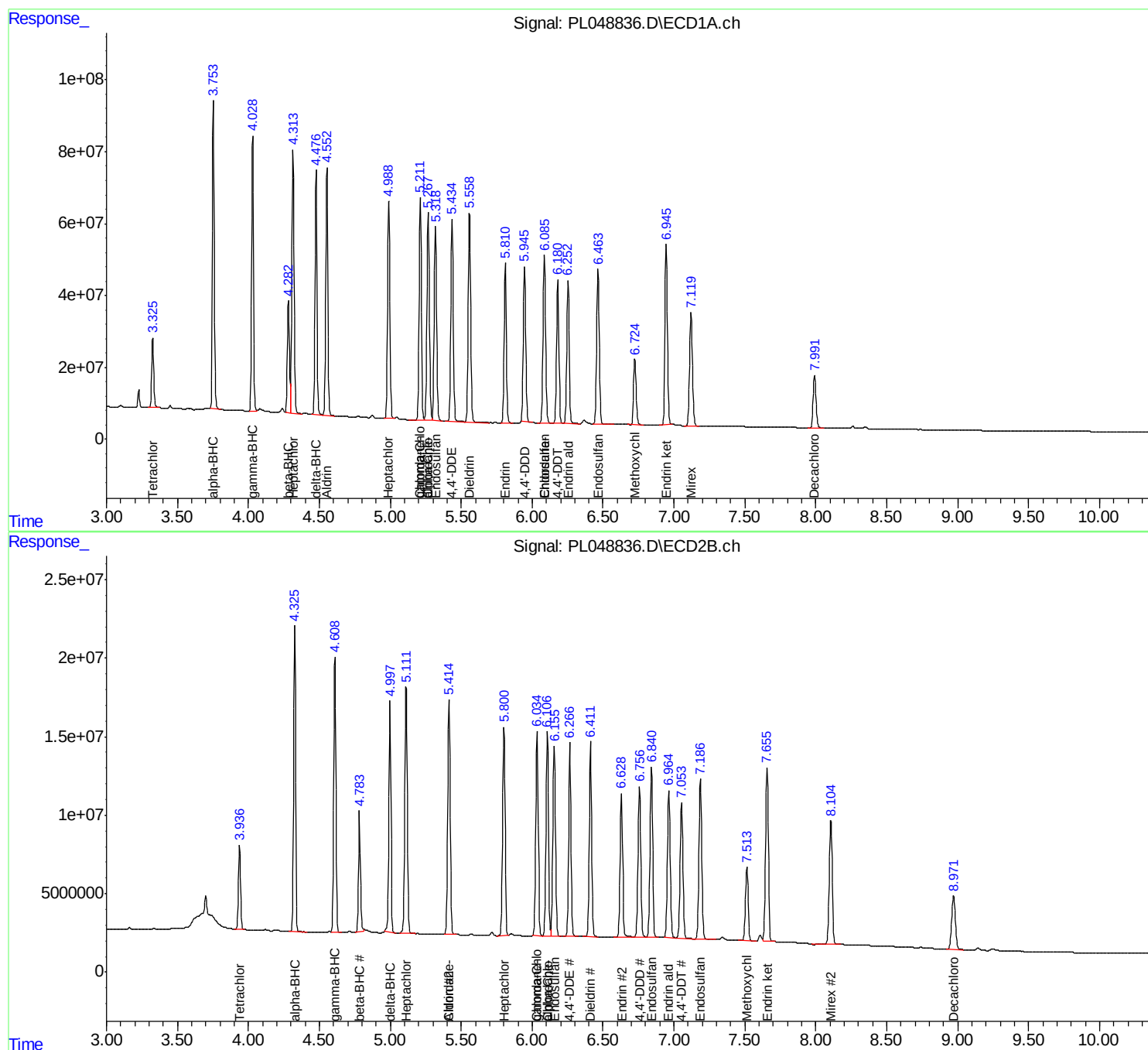
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

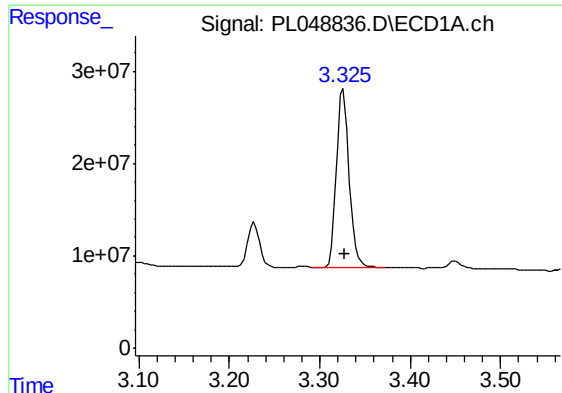
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052219\  
 Data File : PL048836.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 May 2019 14:00  
 Operator : SM\AJ  
 Sample : SOIL IDOC 04  
 Misc : FOR RAKESH PATEL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SOIL IDOC 04

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 23 01:08:20 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 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

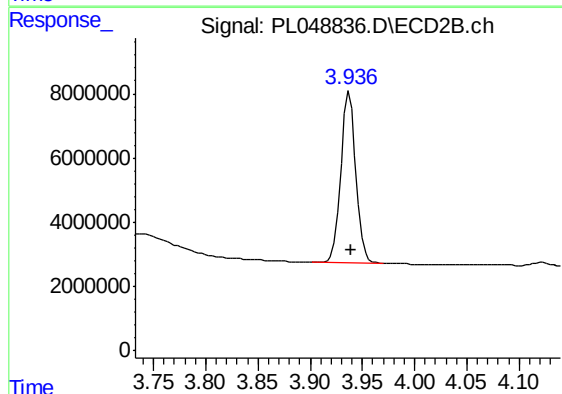




#1 Tetrachloro-m-xylene

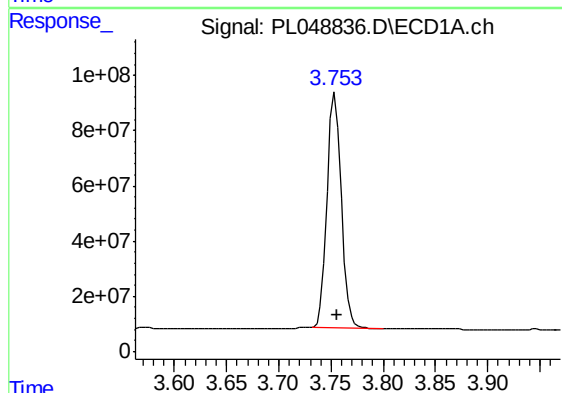
R.T.: 3.326 min  
Delta R.T.: -0.002 min  
Response: 186406872  
Conc: 19.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC 04



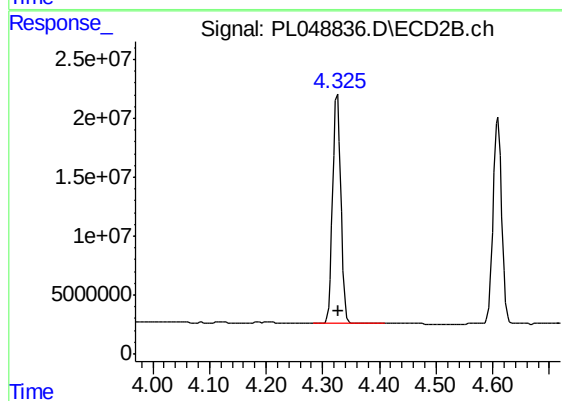
#1 Tetrachloro-m-xylene

R.T.: 3.938 min  
Delta R.T.: -0.002 min  
Response: 53278468  
Conc: 21.39 ng/ml



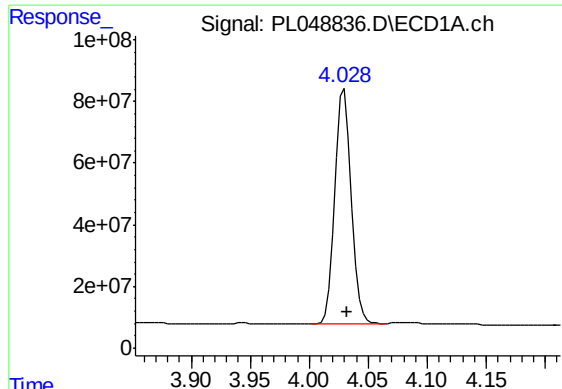
#2 alpha-BHC

R.T.: 3.754 min  
Delta R.T.: -0.002 min  
Response: 809346877  
Conc: 52.33 ng/ml



#2 alpha-BHC

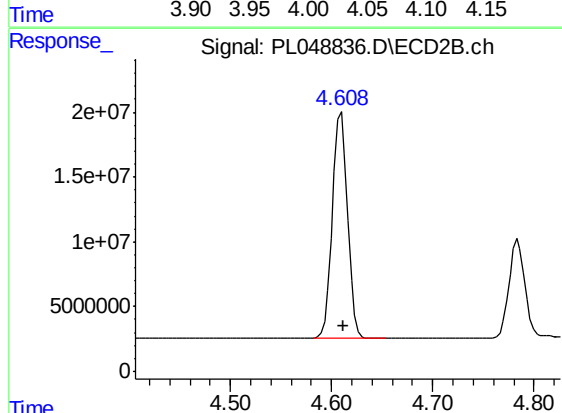
R.T.: 4.326 min  
Delta R.T.: -0.002 min  
Response: 196334465  
Conc: 55.90 ng/ml



#3 gamma-BHC (Lindane)

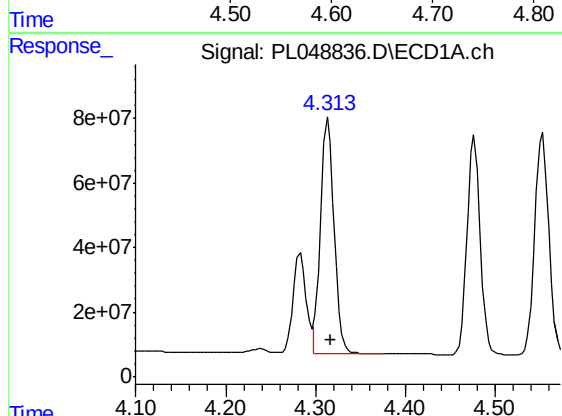
R.T.: 4.030 min  
Delta R.T.: -0.002 min  
Response: 758689616  
Conc: 53.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC 04



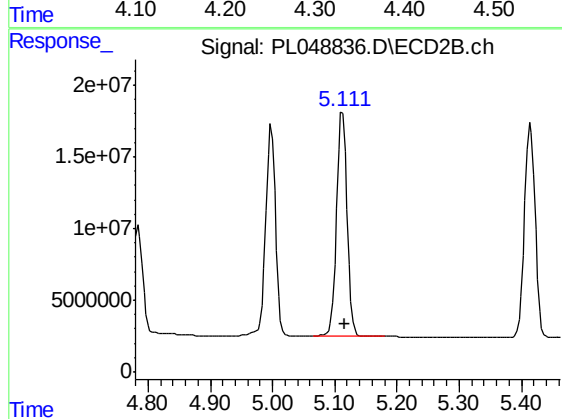
#3 gamma-BHC (Lindane)

R.T.: 4.610 min  
Delta R.T.: -0.002 min  
Response: 181907757  
Conc: 55.69 ng/ml



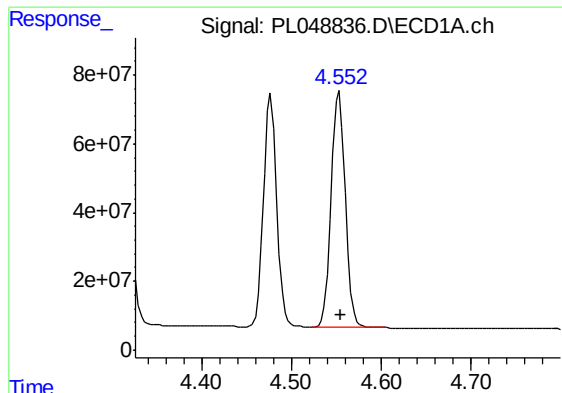
#4 Heptachlor

R.T.: 4.314 min  
Delta R.T.: -0.003 min  
Response: 777507430  
Conc: 52.85 ng/ml



#4 Heptachlor

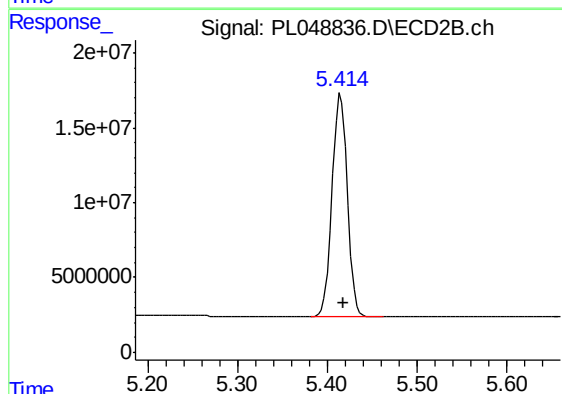
R.T.: 5.112 min  
Delta R.T.: -0.003 min  
Response: 186810606  
Conc: 53.96 ng/ml



#5 Aldrin

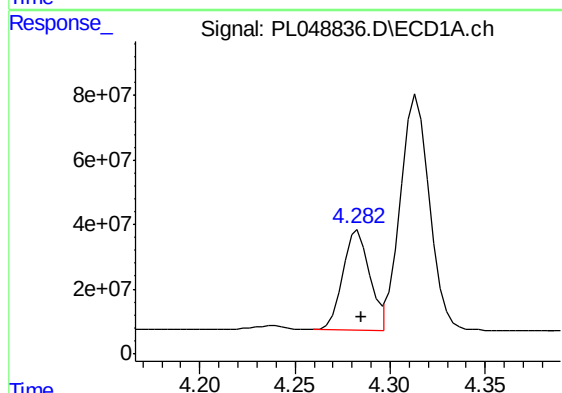
R.T.: 4.553 min  
Delta R.T.: -0.002 min  
Response: 754476957  
Conc: 55.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC 04



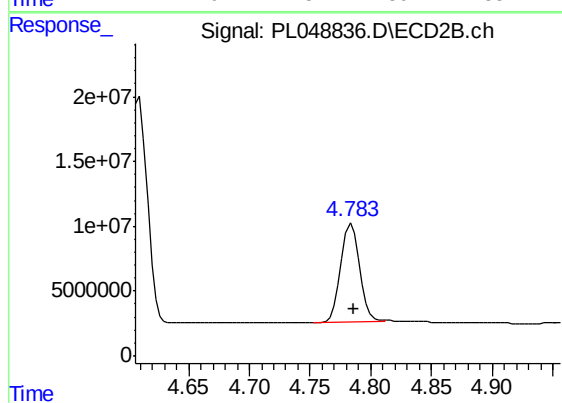
#5 Aldrin

R.T.: 5.415 min  
Delta R.T.: -0.003 min  
Response: 175941137  
Conc: 56.82 ng/ml



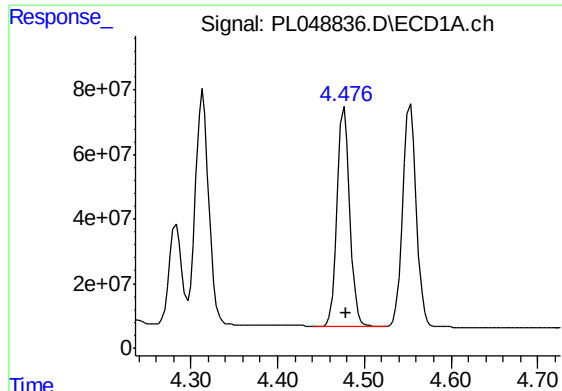
#6 beta-BHC

R.T.: 4.283 min  
Delta R.T.: -0.002 min  
Response: 309103404  
Conc: 52.38 ng/ml



#6 beta-BHC

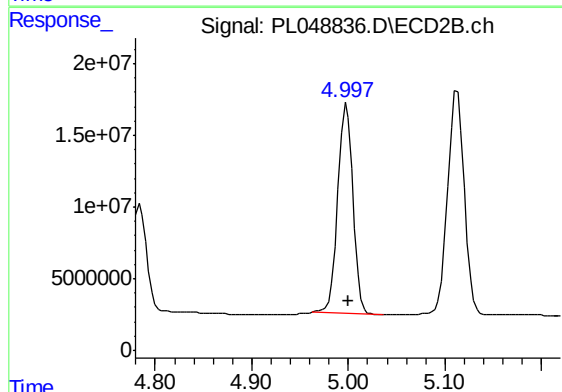
R.T.: 4.784 min  
Delta R.T.: -0.002 min  
Response: 83296942  
Conc: 53.53 ng/ml



#7 delta-BHC

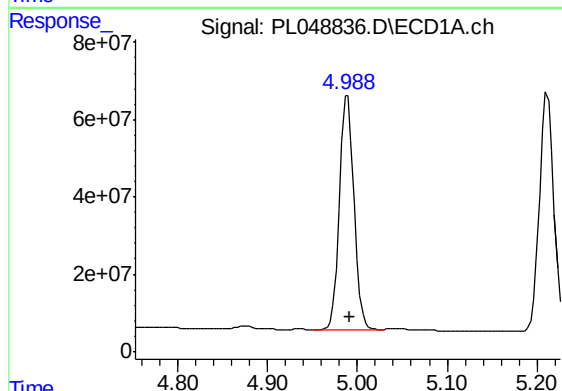
R.T.: 4.477 min  
Delta R.T.: -0.002 min  
Response: 692649289  
Conc: 49.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC 04



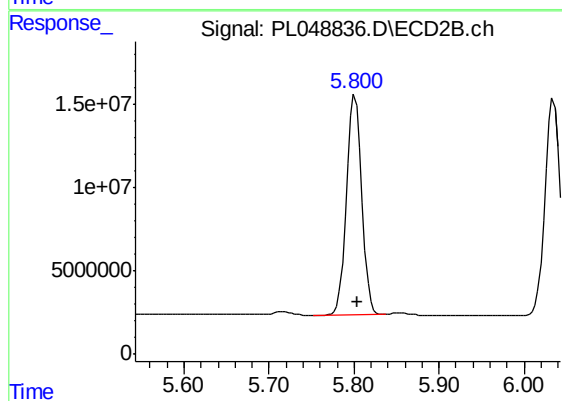
#7 delta-BHC

R.T.: 4.998 min  
Delta R.T.: -0.002 min  
Response: 156296414  
Conc: 55.27 ng/ml



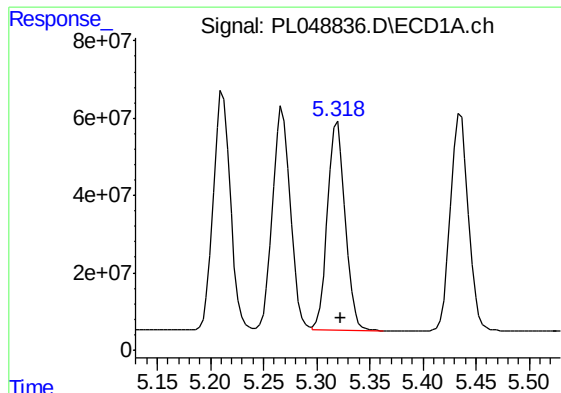
#8 Heptachlor epoxide

R.T.: 4.989 min  
Delta R.T.: -0.003 min  
Response: 678448677  
Conc: 52.66 ng/ml



#8 Heptachlor epoxide

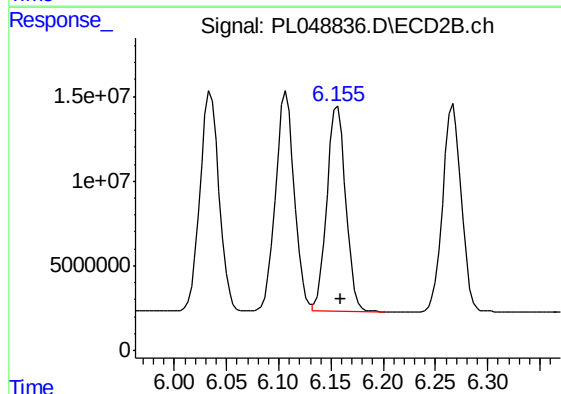
R.T.: 5.801 min  
Delta R.T.: -0.003 min  
Response: 162899451  
Conc: 55.85 ng/ml



#9 Endosulfan I

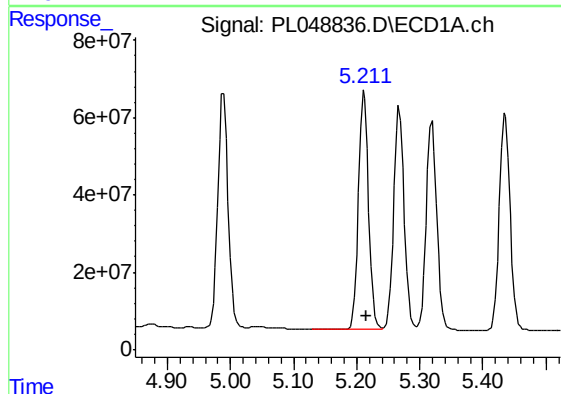
R.T.: 5.320 min  
Delta R.T.: -0.003 min  
Response: 627499306  
Conc: 52.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC 04



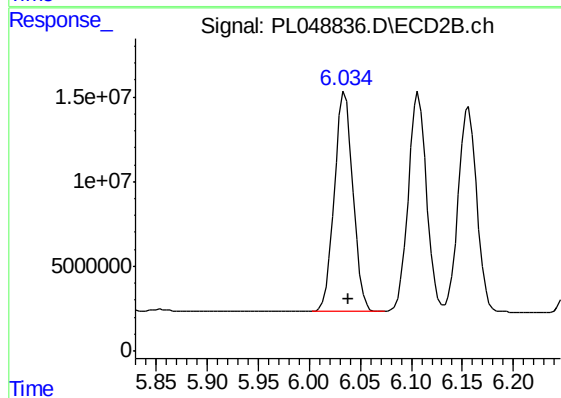
#9 Endosulfan I

R.T.: 6.156 min  
Delta R.T.: -0.003 min  
Response: 152270781  
Conc: 53.85 ng/ml



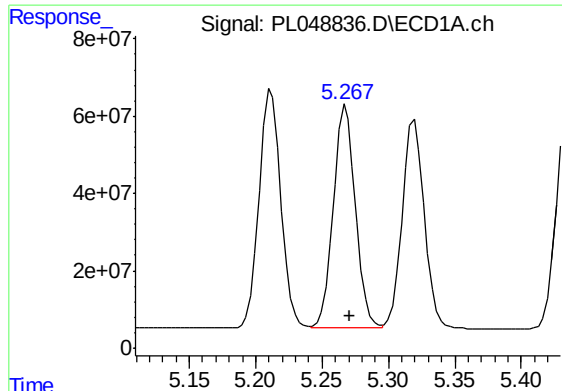
#10 gamma-Chlordane

R.T.: 5.212 min  
Delta R.T.: -0.003 min  
Response: 694804080  
Conc: 52.04 ng/ml



#10 gamma-Chlordane

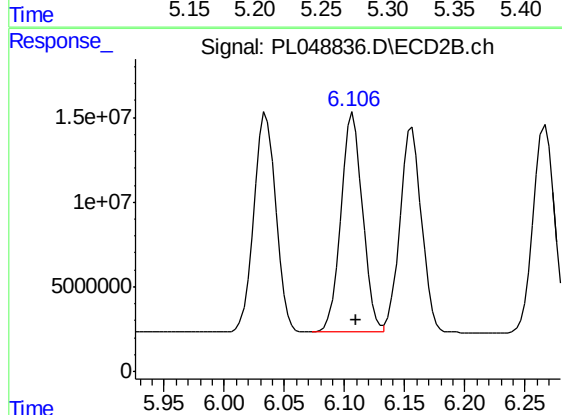
R.T.: 6.035 min  
Delta R.T.: -0.003 min  
Response: 164107319  
Conc: 53.31 ng/ml



#11 alpha-Chlordane

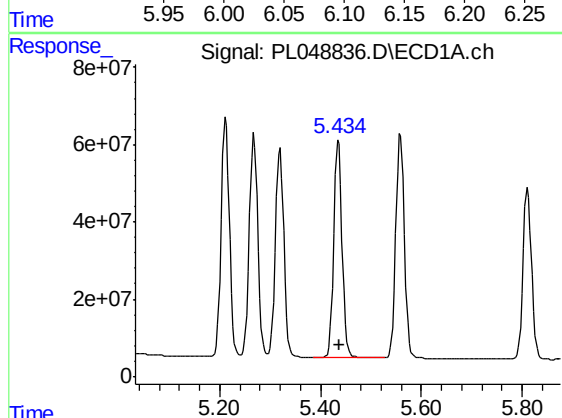
R.T.: 5.268 min  
Delta R.T.: -0.003 min  
Response: 671712721  
Conc: 51.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC 04



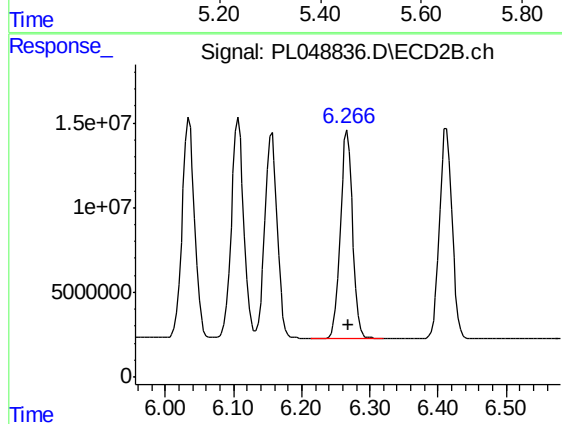
#11 alpha-Chlordane

R.T.: 6.107 min  
Delta R.T.: -0.002 min  
Response: 162895829  
Conc: 53.09 ng/ml



#12 4,4'-DDE

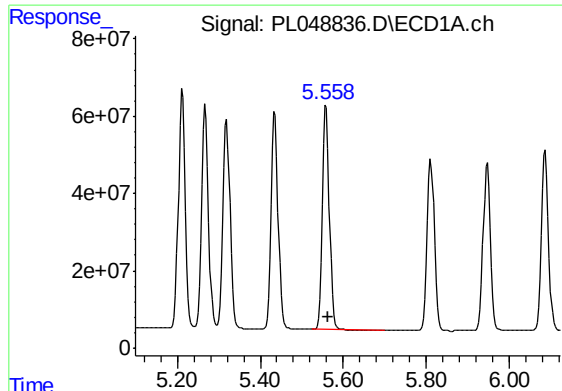
R.T.: 5.436 min  
Delta R.T.: -0.003 min  
Response: 661830897  
Conc: 52.17 ng/ml



#12 4,4'-DDE

R.T.: 6.267 min  
Delta R.T.: -0.003 min  
Response: 151867110  
Conc: 55.01 ng/ml

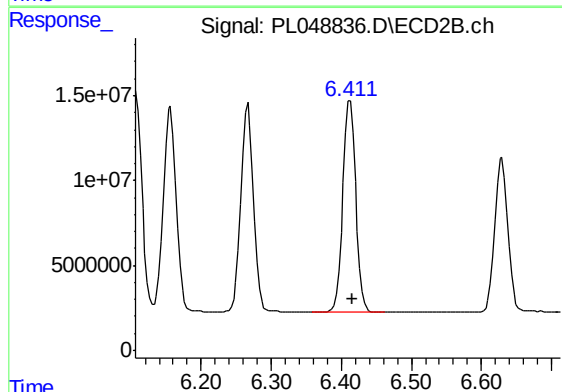




#13 Dielldrin

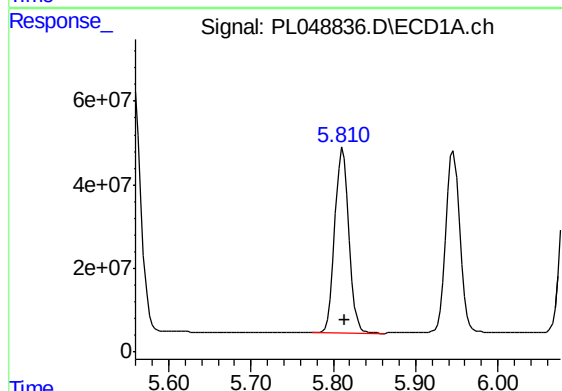
R.T.: 5.559 min  
Delta R.T.: -0.003 min  
Response: 680274235  
Conc: 52.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC 04



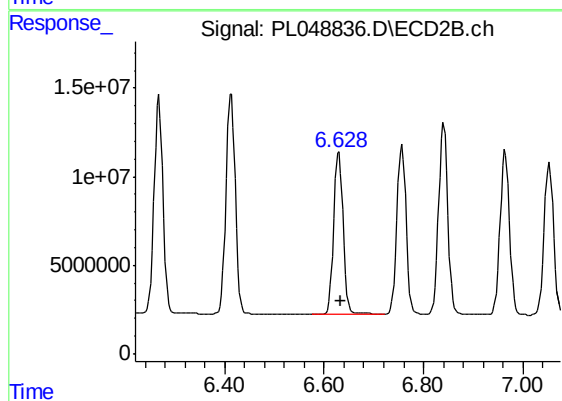
#13 Dielldrin

R.T.: 6.413 min  
Delta R.T.: -0.003 min  
Response: 158519623  
Conc: 54.03 ng/ml



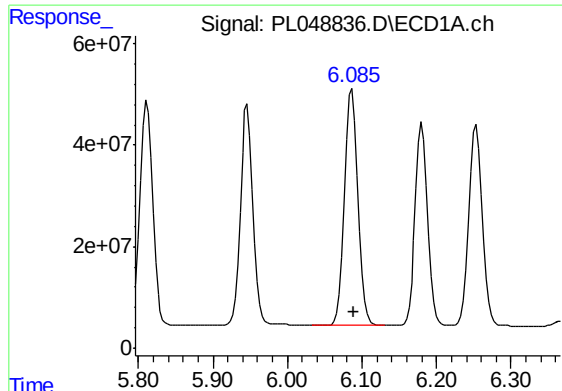
#14 Endrin

R.T.: 5.811 min  
Delta R.T.: -0.003 min  
Response: 527543340  
Conc: 43.33 ng/ml



#14 Endrin

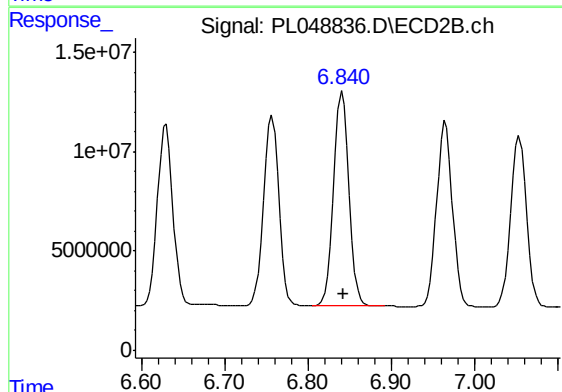
R.T.: 6.629 min  
Delta R.T.: -0.003 min  
Response: 119682487  
Conc: 45.90 ng/ml



#15 Endosulfan II

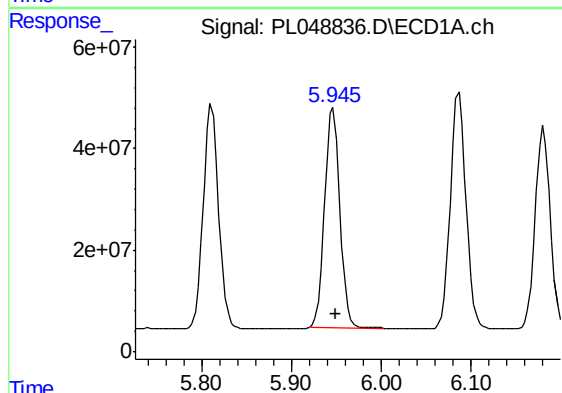
R.T.: 6.086 min  
Delta R.T.: -0.003 min  
Response: 566530622  
Conc: 49.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC 04



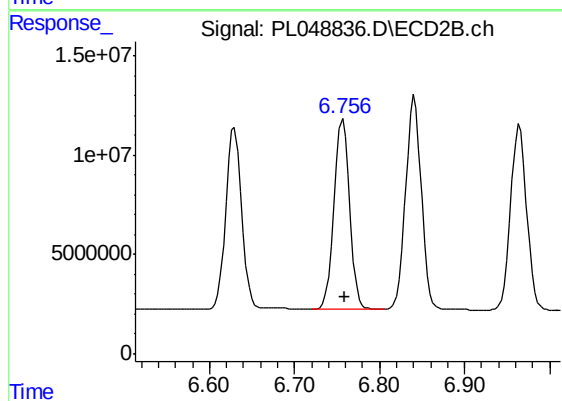
#15 Endosulfan II

R.T.: 6.841 min  
Delta R.T.: -0.002 min  
Response: 138811415  
Conc: 51.48 ng/ml



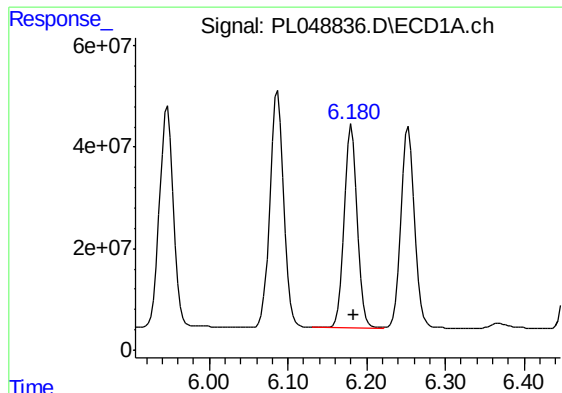
#16 4,4'-DDD

R.T.: 5.946 min  
Delta R.T.: -0.003 min  
Response: 506603860  
Conc: 52.04 ng/ml



#16 4,4'-DDD

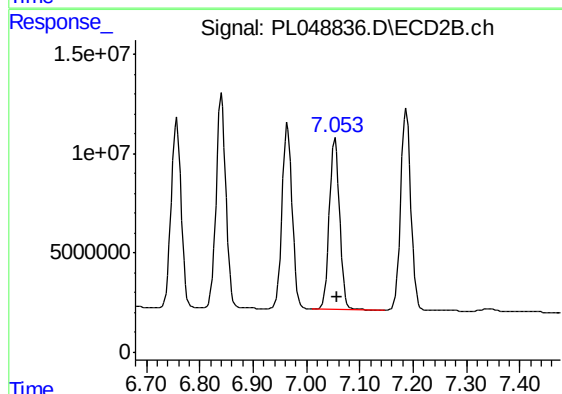
R.T.: 6.757 min  
Delta R.T.: -0.002 min  
Response: 123517005  
Conc: 55.04 ng/ml



#17 4,4'-DDT

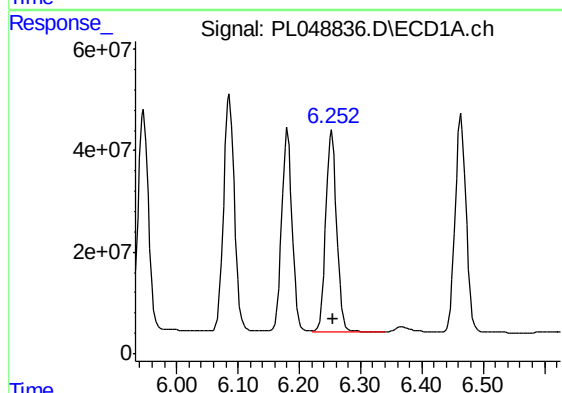
R.T.: 6.181 min  
Delta R.T.: -0.003 min  
Response: 465927510  
Conc: 46.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC 04



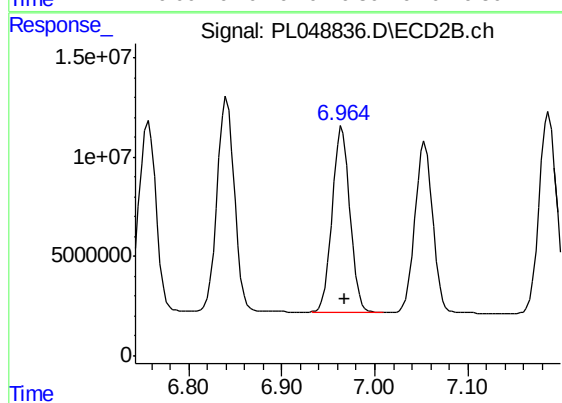
#17 4,4'-DDT

R.T.: 7.054 min  
Delta R.T.: -0.003 min  
Response: 114477027  
Conc: 48.78 ng/ml



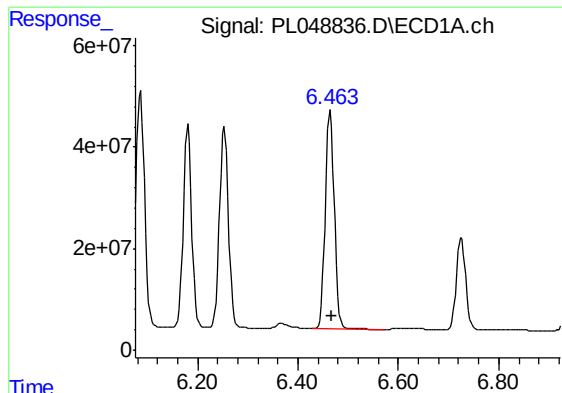
#18 Endrin aldehyde

R.T.: 6.253 min  
Delta R.T.: -0.003 min  
Response: 486811922  
Conc: 50.09 ng/ml



#18 Endrin aldehyde

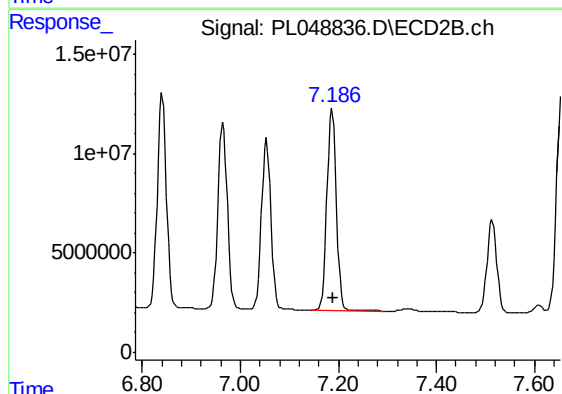
R.T.: 6.965 min  
Delta R.T.: -0.003 min  
Response: 123086857  
Conc: 52.52 ng/ml



#19 Endosulfan Sulfate

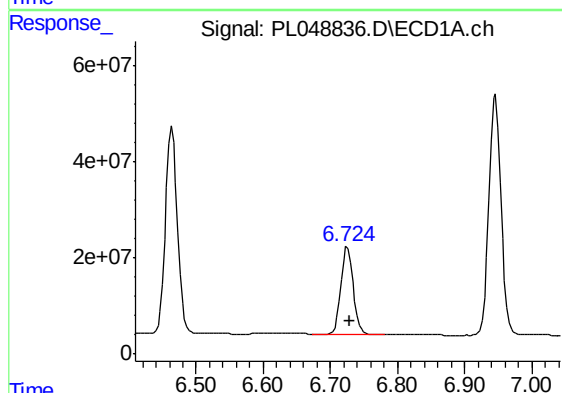
R.T.: 6.464 min  
Delta R.T.: -0.003 min  
Response: 533941364  
Conc: 49.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC 04



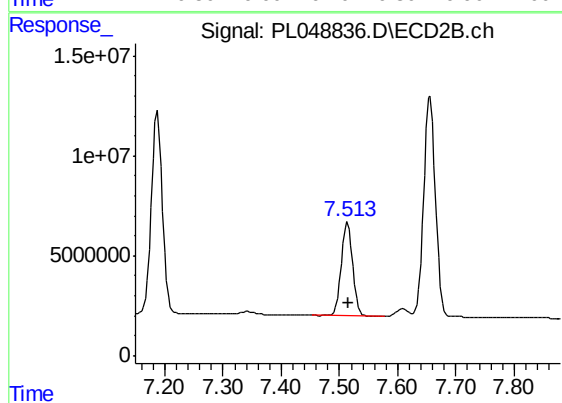
#19 Endosulfan Sulfate

R.T.: 7.187 min  
Delta R.T.: -0.003 min  
Response: 133789522  
Conc: 51.69 ng/ml



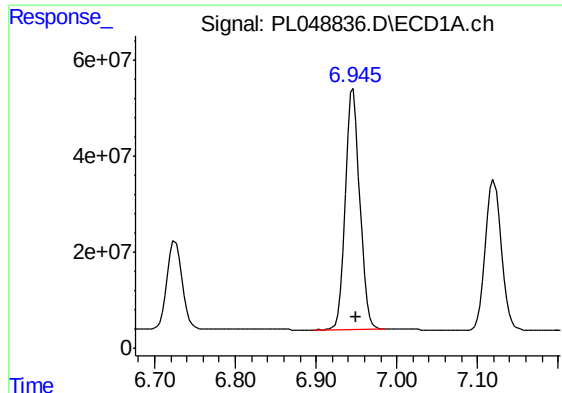
#20 Methoxychlor

R.T.: 6.725 min  
Delta R.T.: -0.003 min  
Response: 230678566  
Conc: 42.37 ng/ml



#20 Methoxychlor

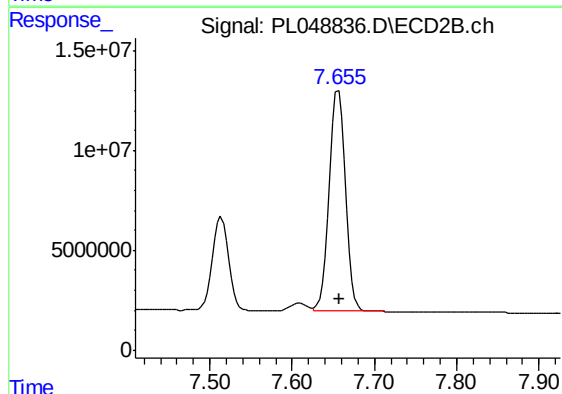
R.T.: 7.514 min  
Delta R.T.: -0.002 min  
Response: 64028383  
Conc: 46.90 ng/ml



#21 Endrin ketone

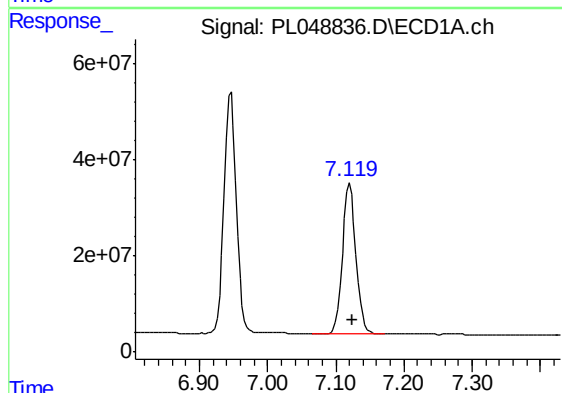
R.T.: 6.946 min  
Delta R.T.: -0.003 min  
Response: 623161084  
Conc: 53.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC 04



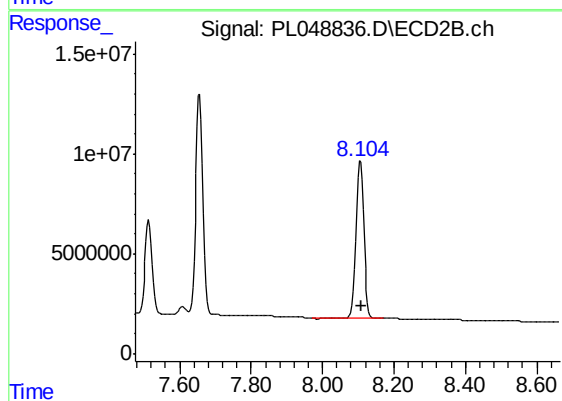
#21 Endrin ketone

R.T.: 7.656 min  
Delta R.T.: -0.002 min  
Response: 152398631  
Conc: 58.33 ng/ml



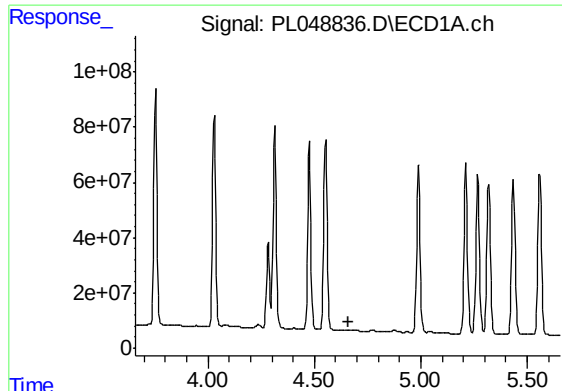
#22 Mirex

R.T.: 7.121 min  
Delta R.T.: -0.003 min  
Response: 427646791  
Conc: 47.71 ng/ml



#22 Mirex

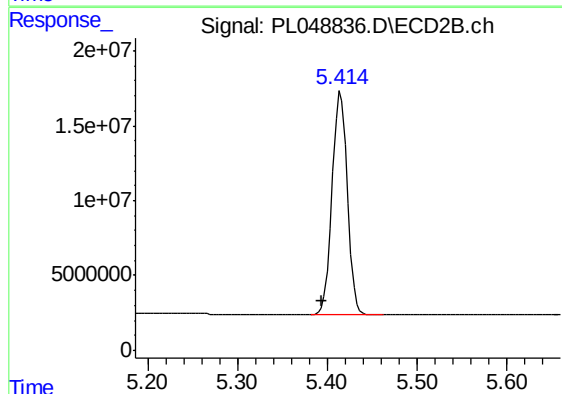
R.T.: 8.106 min  
Delta R.T.: -0.003 min  
Response: 118322879  
Conc: 56.11 ng/ml



#24 Chlordane-2

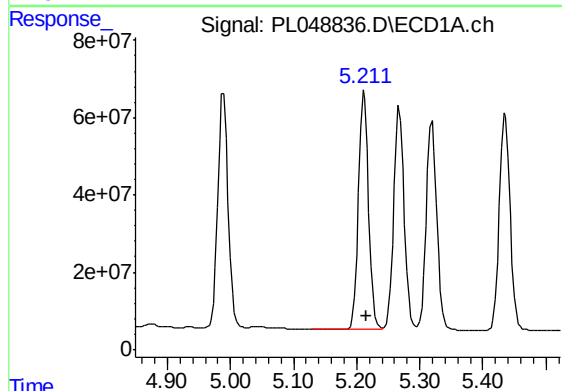
R.T.: 0.000 min  
Exp R.T.: 4.658 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC 04



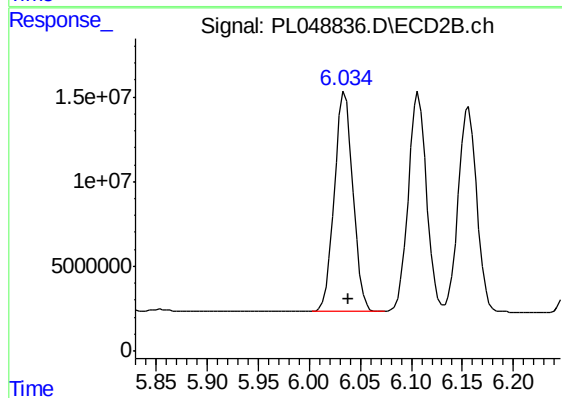
#24 Chlordane-2

R.T.: 5.415 min  
Delta R.T.: 0.021 min  
Response: 175941137  
Conc: 1360.31 ng/ml



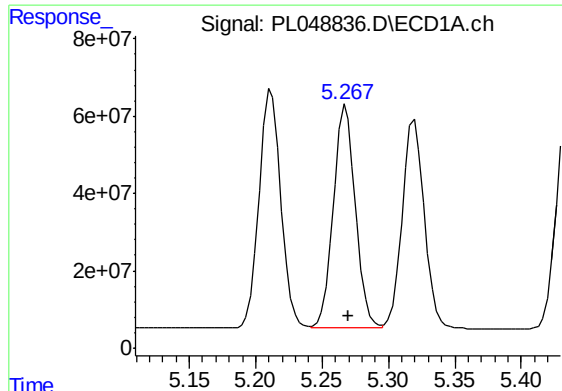
#25 Chlordane-3

R.T.: 5.212 min  
Delta R.T.: -0.004 min  
Response: 694804080  
Conc: 441.27 ng/ml



#25 Chlordane-3

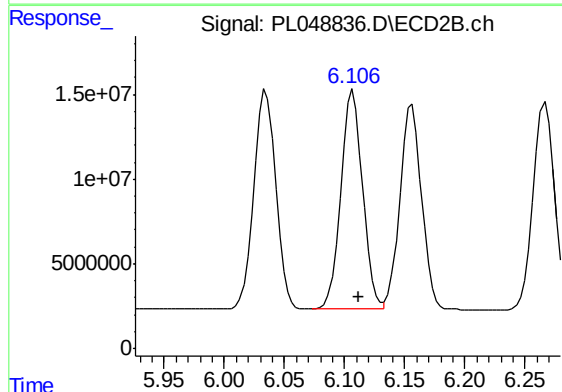
R.T.: 6.035 min  
Delta R.T.: -0.003 min  
Response: 164107319  
Conc: 374.48 ng/ml



#26 Chlordane-4

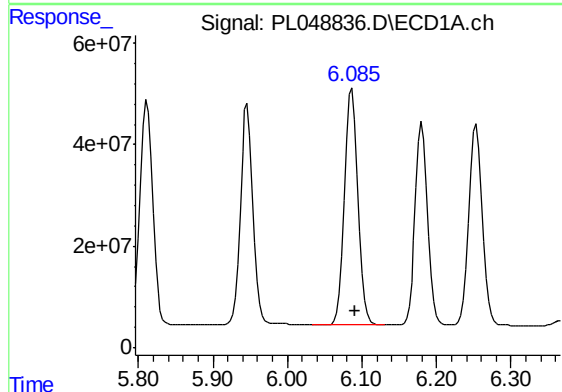
R.T.: 5.268 min  
Delta R.T.: -0.002 min  
Response: 671712721  
Conc: 462.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC 04



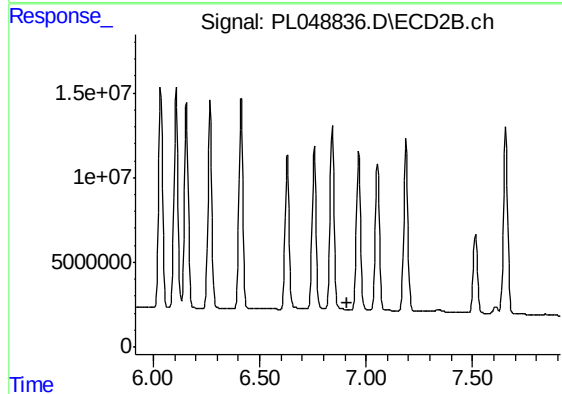
#26 Chlordane-4

R.T.: 6.107 min  
Delta R.T.: -0.004 min  
Response: 162895829  
Conc: 310.51 ng/ml



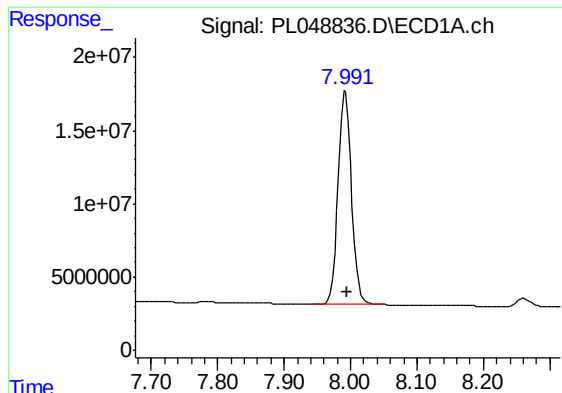
#27 Chlordane-5

R.T.: 6.086 min  
Delta R.T.: -0.005 min  
Response: 566530622  
Conc: 1206.52 ng/ml



#27 Chlordane-5

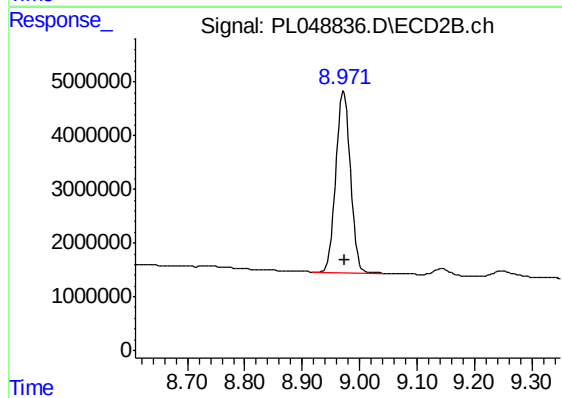
R.T.: 0.000 min  
Exp R.T. : 6.913 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.992 min  
Delta R.T.: -0.003 min  
Response: 205837140  
Conc: 20.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC 04



#28 Decachlorobiphenyl

R.T.: 8.972 min  
Delta R.T.: -0.003 min  
Response: 59544376  
Conc: 22.43 ng/ml