

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070218\  
 Data File : PL037600.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jul 2018 17:15  
 Operator : UA\AJ  
 Sample : IDOC SOIL 02  
 Misc : FOR SJ  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 IDOC SOIL 02

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 03 01:08:13 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 21 02:27:11 2018  
 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... | 3.334 | 3.935 | 126.9E6 | 49637798 | 16.040 | 17.941 |
| 28)                         | SA Decachlor... | 8.013 | 8.946 | 108.1E6 | 34723817 | 17.915 | 17.502 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.764 | 4.315 | 568.9E6 | 208.0E6  | 46.465 | 53.604 |
| 3)                          | MA gamma-BHC... | 4.041 | 4.595 | 500.9E6 | 184.3E6  | 48.559 | 53.360 |
| 4)                          | MA Heptachlor   | 4.326 | 5.106 | 505.0E6 | 182.6E6  | 49.290 | 52.839 |
| 5)                          | MB Aldrin       | 4.566 | 5.408 | 501.6E6 | 168.8E6  | 49.282 | 53.815 |
| 6)                          | B beta-BHC      | 4.296 | 4.756 | 220.5E6 | 81744244 | 48.353 | 50.688 |
| 7)                          | B delta-BHC     | 4.490 | 4.971 | 504.0E6 | 166.8E6  | 47.645 | 59.134 |
| 8)                          | B Heptachlo...  | 5.004 | 5.787 | 458.0E6 | 160.1E6  | 48.897 | 56.180 |
| 9)                          | A Endosulfan I  | 5.336 | 6.140 | 411.0E6 | 133.0E6  | 48.578 | 51.862 |
| 10)                         | B gamma-Chl...  | 5.227 | 6.021 | 499.6E6 | 167.8E6  | 53.336 | 59.571 |
| 11)                         | B alpha-Chl...  | 5.283 | 6.094 | 452.3E6 | 149.2E6  | 49.804 | 51.834 |
| 12)                         | B 4,4'-DDE      | 5.452 | 6.250 | 429.3E6 | 142.7E6  | 48.604 | 56.089 |
| 13)                         | MA Dieldrin     | 5.575 | 6.395 | 467.7E6 | 140.3E6  | 52.825 | 52.549 |
| 14)                         | MA Endrin       | 5.829 | 6.609 | 363.6E6 | 131.3E6  | 46.156 | 57.115 |
| 15)                         | B Endosulfa...  | 6.103 | 6.812 | 373.4E6 | 121.9E6  | 50.781 | 49.149 |
| 16)                         | A 4,4'-DDD      | 5.964 | 6.732 | 327.9E6 | 114.4E6  | 49.927 | 55.751 |
| 17)                         | MA 4,4'-DDT     | 6.198 | 7.031 | 370.4E6 | 117.0E6  | 57.377 | 55.220 |
| 18)                         | B Endrin al...  | 6.272 | 6.934 | 289.5E6 | 103.7E6  | 51.839 | 51.537 |
| 19)                         | B Endosulfa...  | 6.483 | 7.157 | 340.3E6 | 112.8E6  | 50.871 | 51.843 |
| 20)                         | A Methoxychlor  | 6.747 | 7.485 | 157.2E6 | 58533168 | 46.255 | 52.292 |
| 21)                         | B Endrin ke...  | 6.967 | 7.621 | 341.6E6 | 112.6E6  | 48.040 | 55.466 |
| -----                       |                 |       |       |         |          |        |        |

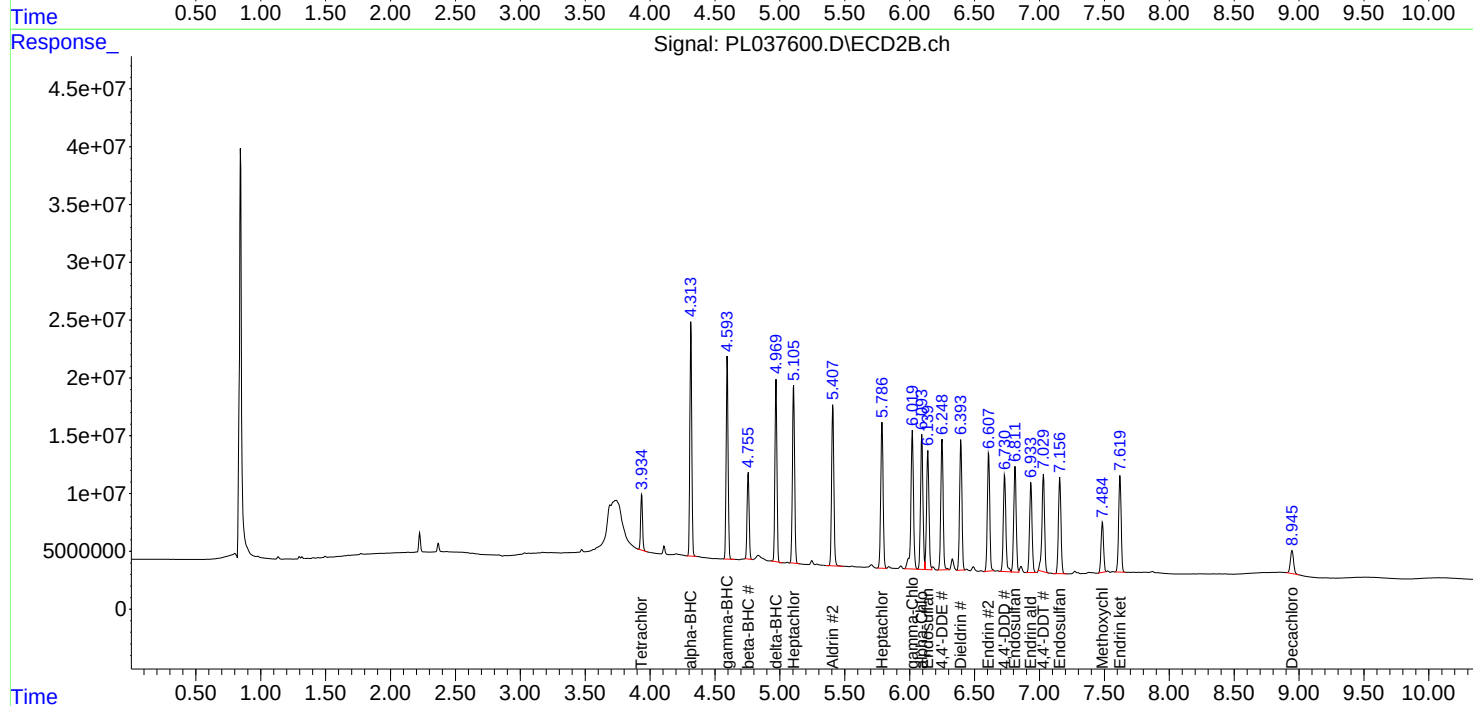
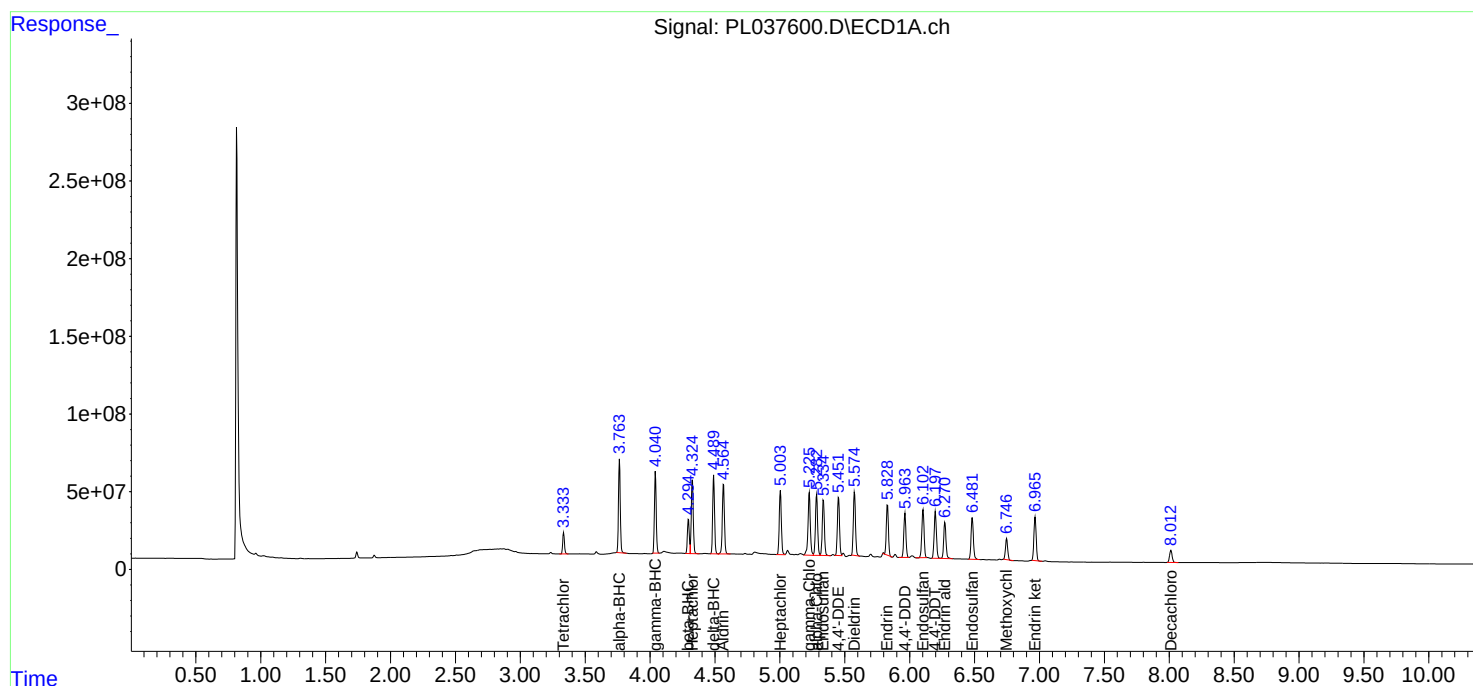
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

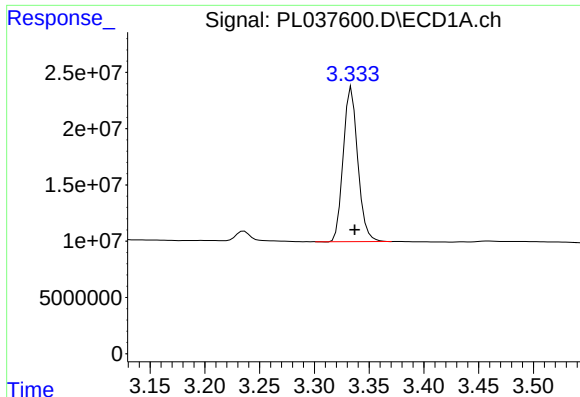
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070218\  
Data File : PL037600.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Jul 2018 17:15  
Operator : UA\AJ  
Sample : IDOC SOIL 02  
Misc : FOR SJ  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
IDOC SOIL 02

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 03 01:08:13 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 21 02:27:11 2018  
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

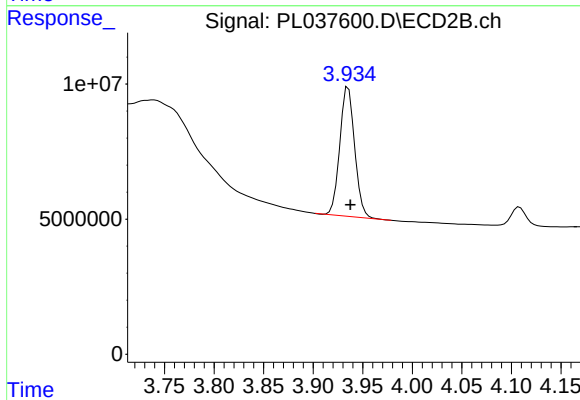




#1 Tetrachloro-m-xylene

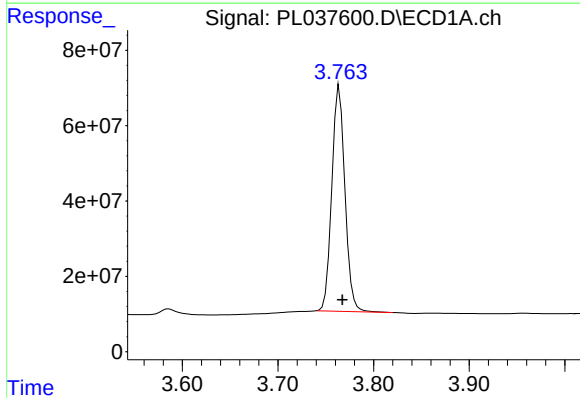
R.T.: 3.334 min  
Delta R.T.: -0.003 min  
Response: 126877540  
Conc: 16.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IDOC SOIL 02



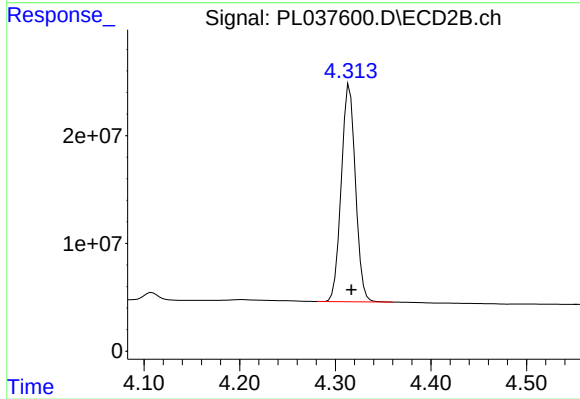
#1 Tetrachloro-m-xylene

R.T.: 3.935 min  
Delta R.T.: -0.002 min  
Response: 49637798  
Conc: 17.94 ng/ml



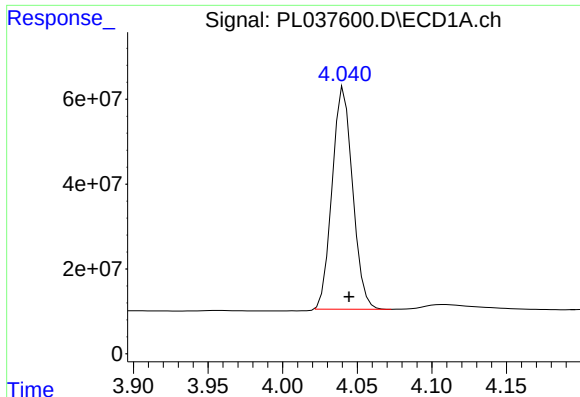
#2 alpha-BHC

R.T.: 3.764 min  
Delta R.T.: -0.003 min  
Response: 568868427  
Conc: 46.47 ng/ml



#2 alpha-BHC

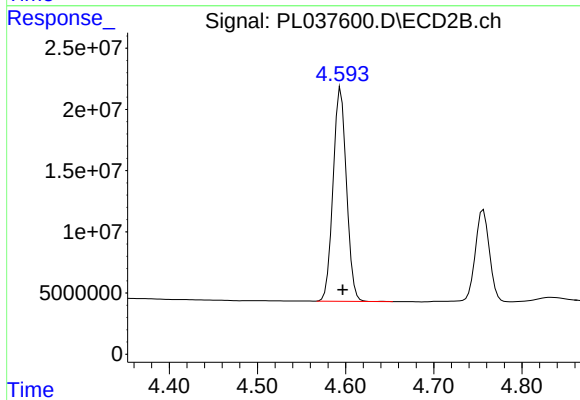
R.T.: 4.315 min  
Delta R.T.: -0.002 min  
Response: 207995244  
Conc: 53.60 ng/ml



#3 gamma-BHC (Lindane)

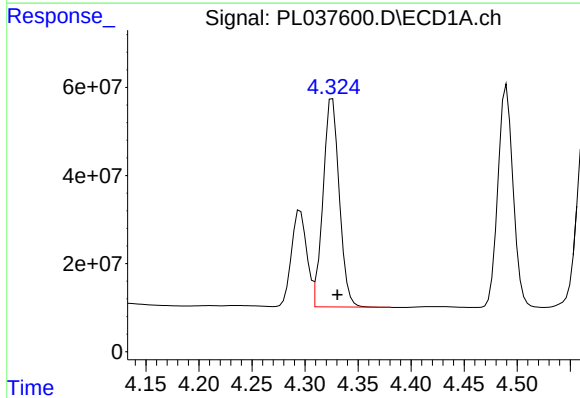
R.T.: 4.041 min  
Delta R.T.: -0.003 min  
Response: 500868719  
Conc: 48.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IDOC SOIL 02



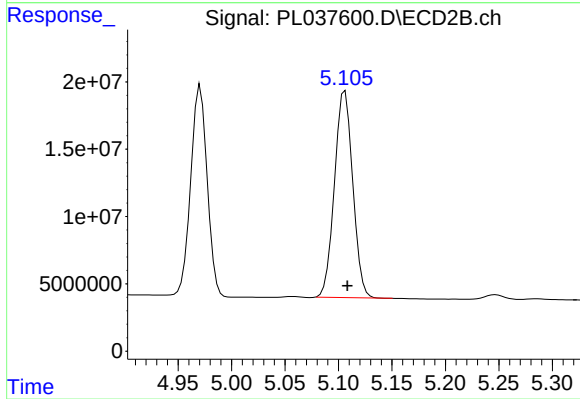
#3 gamma-BHC (Lindane)

R.T.: 4.595 min  
Delta R.T.: -0.002 min  
Response: 184291109  
Conc: 53.36 ng/ml



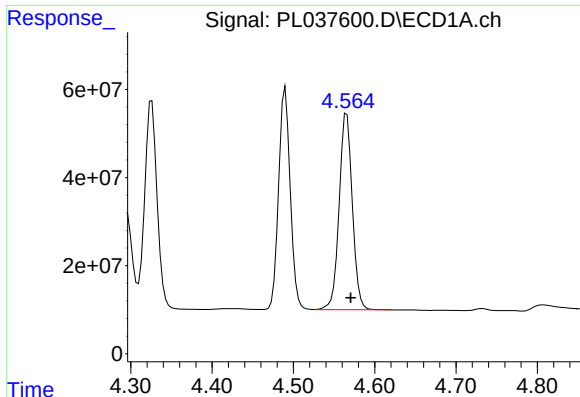
#4 Heptachlor

R.T.: 4.326 min  
Delta R.T.: -0.005 min  
Response: 504990396  
Conc: 49.29 ng/ml



#4 Heptachlor

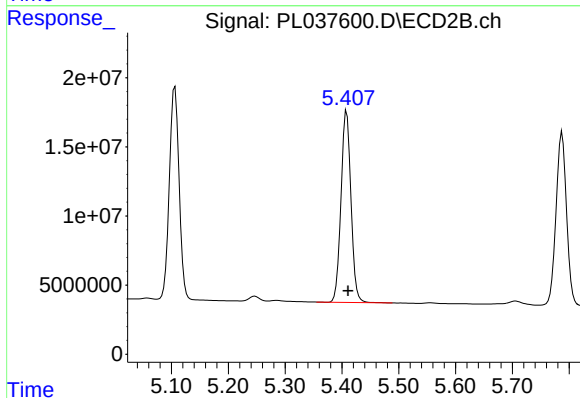
R.T.: 5.106 min  
Delta R.T.: -0.002 min  
Response: 182631843  
Conc: 52.84 ng/ml



#5 Aldrin

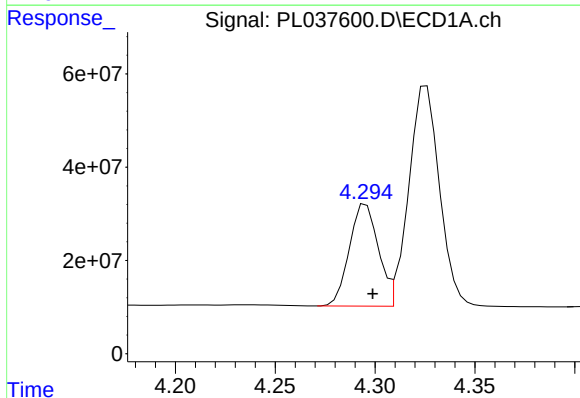
R.T.: 4.566 min  
Delta R.T.: -0.005 min  
Response: 501620737  
Conc: 49.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IDOC SOIL 02



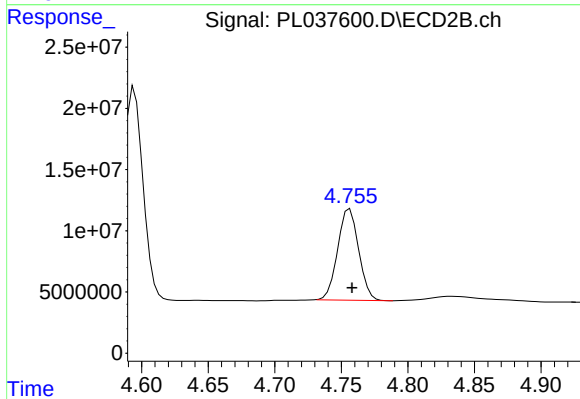
#5 Aldrin

R.T.: 5.408 min  
Delta R.T.: -0.002 min  
Response: 168830225  
Conc: 53.82 ng/ml



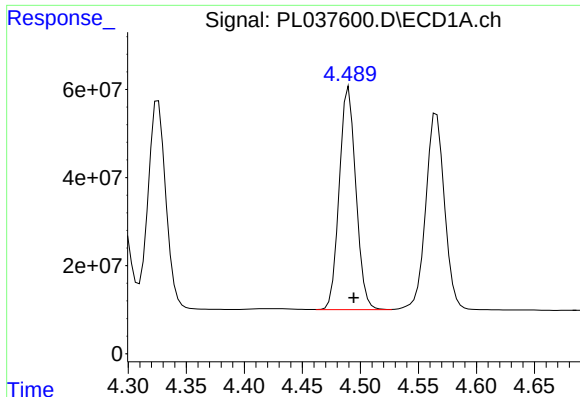
#6 beta-BHC

R.T.: 4.296 min  
Delta R.T.: -0.003 min  
Response: 220534840  
Conc: 48.35 ng/ml



#6 beta-BHC

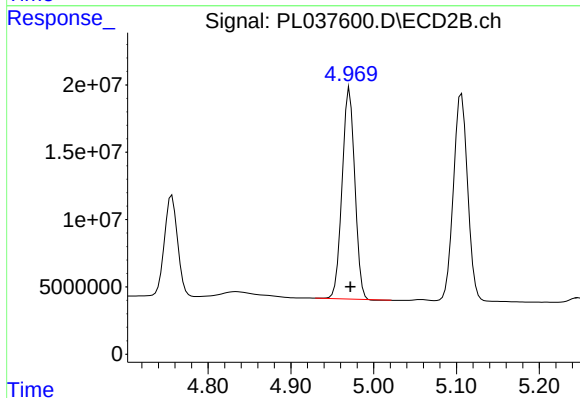
R.T.: 4.756 min  
Delta R.T.: -0.002 min  
Response: 81744244  
Conc: 50.69 ng/ml



#7 delta-BHC

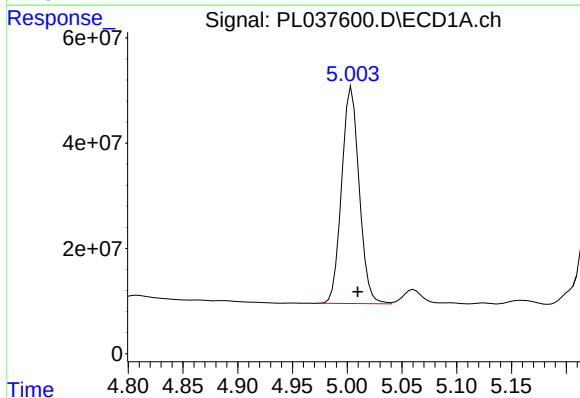
R.T.: 4.490 min  
Delta R.T.: -0.004 min  
Response: 504037022  
Conc: 47.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IDOC SOIL 02



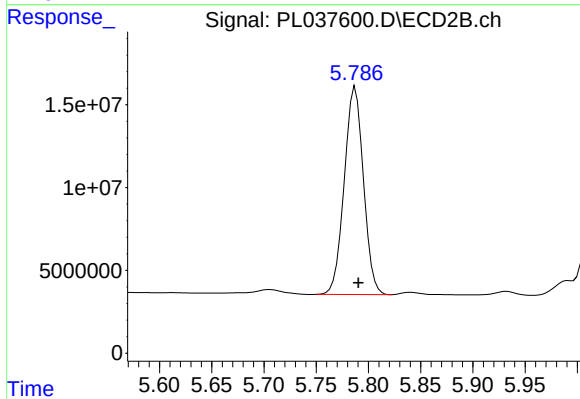
#7 delta-BHC

R.T.: 4.971 min  
Delta R.T.: -0.001 min  
Response: 166774480  
Conc: 59.13 ng/ml



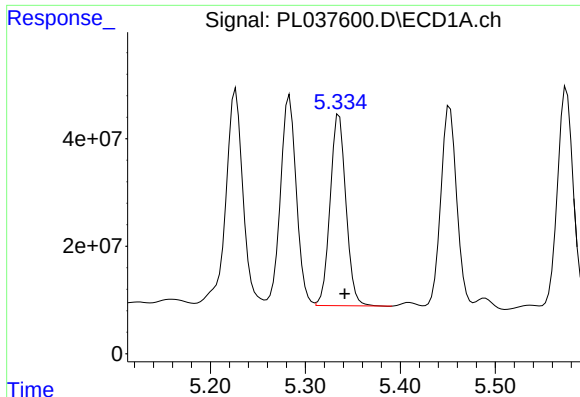
#8 Heptachlor epoxide

R.T.: 5.004 min  
Delta R.T.: -0.006 min  
Response: 458016427  
Conc: 48.90 ng/ml



#8 Heptachlor epoxide

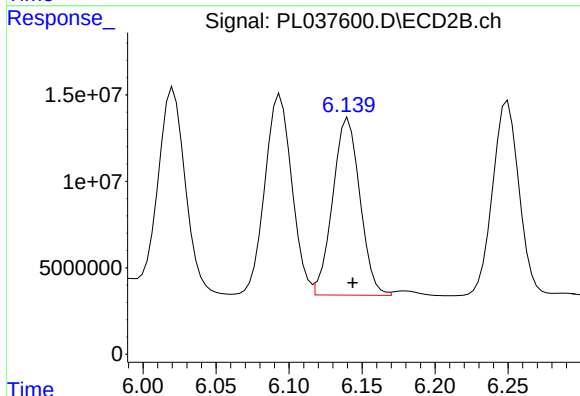
R.T.: 5.787 min  
Delta R.T.: -0.003 min  
Response: 160149948  
Conc: 56.18 ng/ml



#9 Endosulfan I

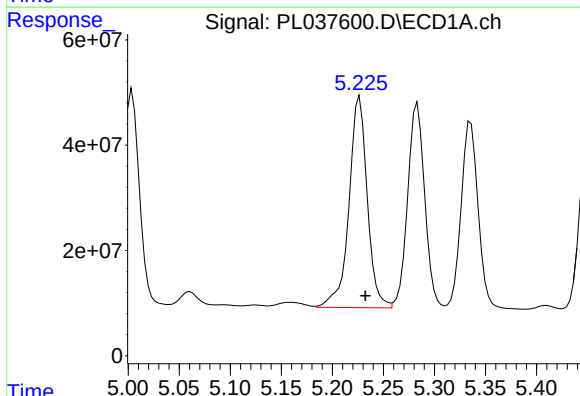
R.T.: 5.336 min  
Delta R.T.: -0.006 min  
Response: 411014818  
Conc: 48.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IDOC SOIL 02



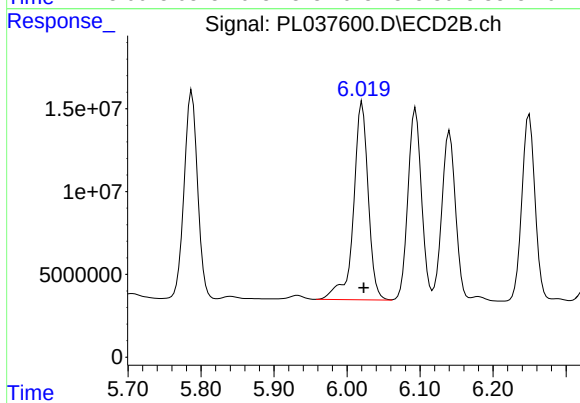
#9 Endosulfan I

R.T.: 6.140 min  
Delta R.T.: -0.003 min  
Response: 133015162  
Conc: 51.86 ng/ml



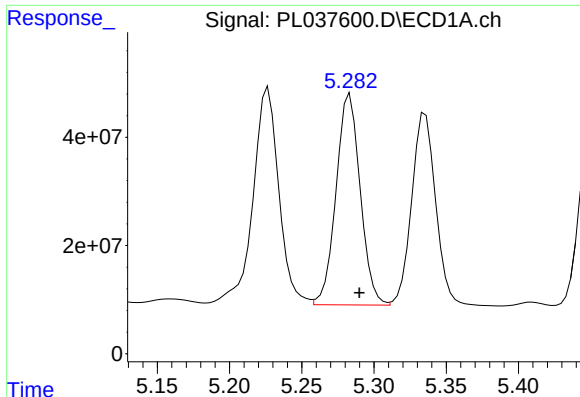
#10 gamma-Chlordane

R.T.: 5.227 min  
Delta R.T.: -0.006 min  
Response: 499562211  
Conc: 53.34 ng/ml



#10 gamma-Chlordane

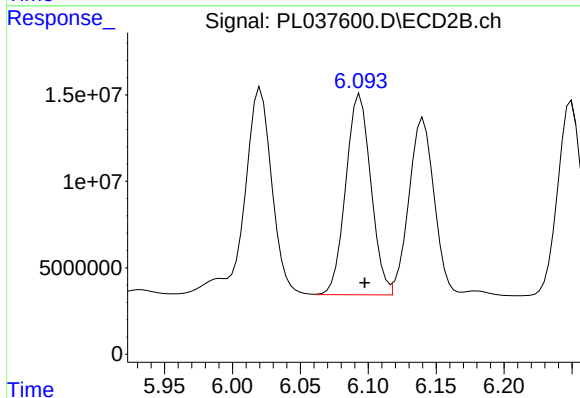
R.T.: 6.021 min  
Delta R.T.: -0.002 min  
Response: 167777053  
Conc: 59.57 ng/ml



#11 alpha-Chlordane

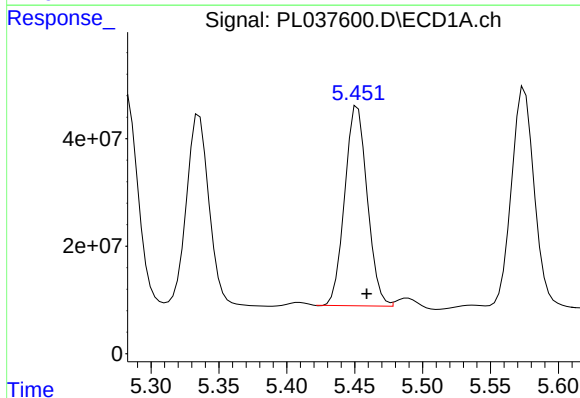
R.T.: 5.283 min  
Delta R.T.: -0.006 min  
Response: 452286884  
Conc: 49.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IDOC SOIL 02



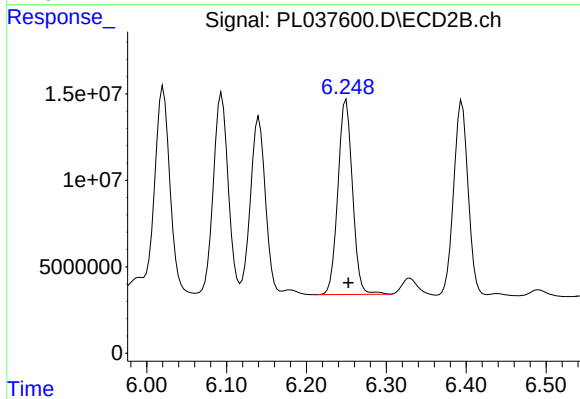
#11 alpha-Chlordane

R.T.: 6.094 min  
Delta R.T.: -0.003 min  
Response: 149192513  
Conc: 51.83 ng/ml



#12 4,4'-DDE

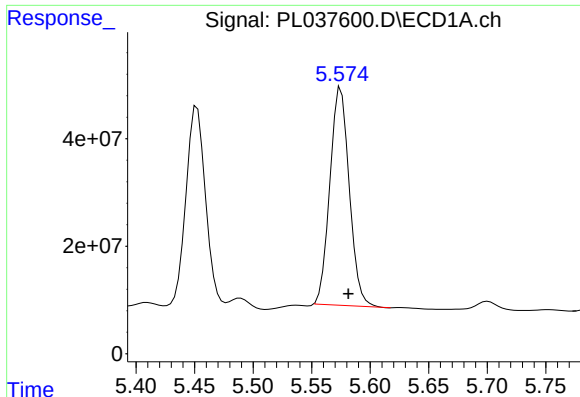
R.T.: 5.452 min  
Delta R.T.: -0.007 min  
Response: 429295775  
Conc: 48.60 ng/ml



#12 4,4'-DDE

R.T.: 6.250 min  
Delta R.T.: -0.003 min  
Response: 142727314  
Conc: 56.09 ng/ml

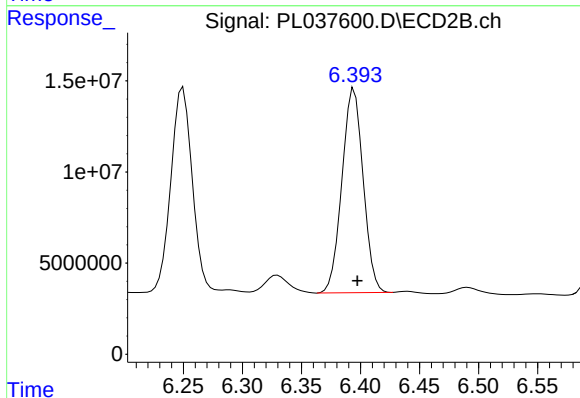




#13 Dieldrin

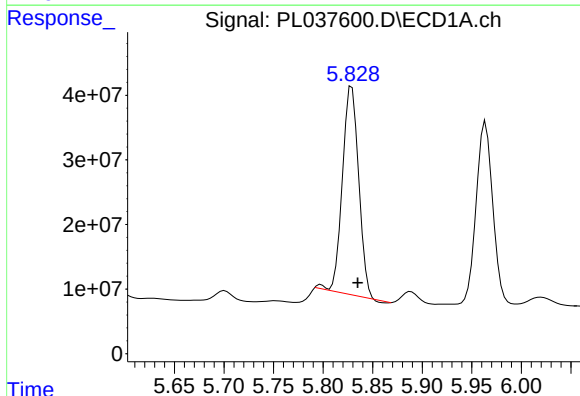
R.T.: 5.575 min  
Delta R.T.: -0.006 min  
Response: 467671343  
Conc: 52.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IDOC SOIL 02



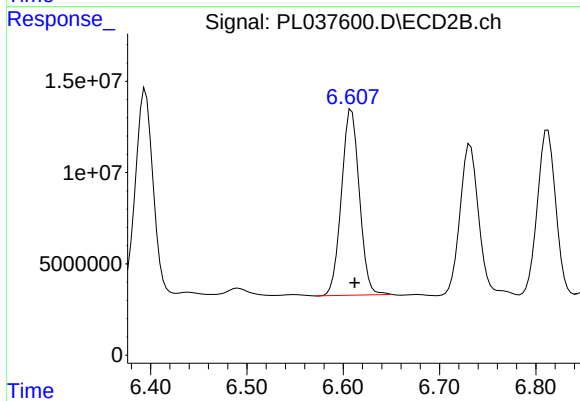
#13 Dieldrin

R.T.: 6.395 min  
Delta R.T.: -0.003 min  
Response: 140266691  
Conc: 52.55 ng/ml



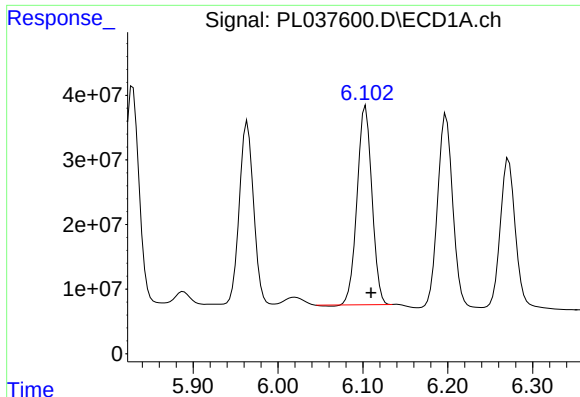
#14 Endrin

R.T.: 5.829 min  
Delta R.T.: -0.006 min  
Response: 363600320  
Conc: 46.16 ng/ml



#14 Endrin

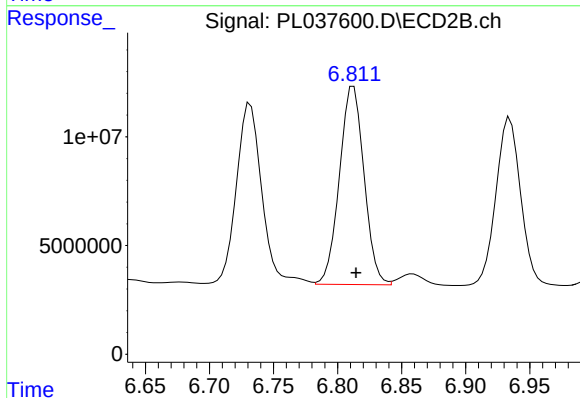
R.T.: 6.609 min  
Delta R.T.: -0.003 min  
Response: 131322066  
Conc: 57.11 ng/ml



#15 Endosulfan II

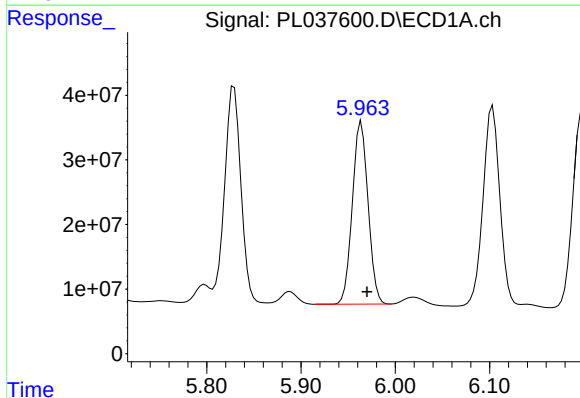
R.T.: 6.103 min  
Delta R.T.: -0.006 min  
Response: 373415661  
Conc: 50.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IDOC SOIL 02



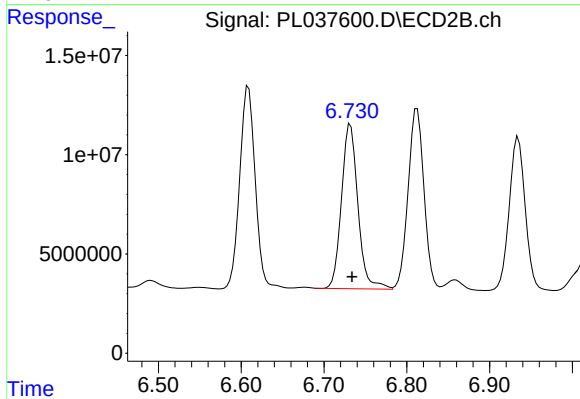
#15 Endosulfan II

R.T.: 6.812 min  
Delta R.T.: -0.002 min  
Response: 121892969  
Conc: 49.15 ng/ml



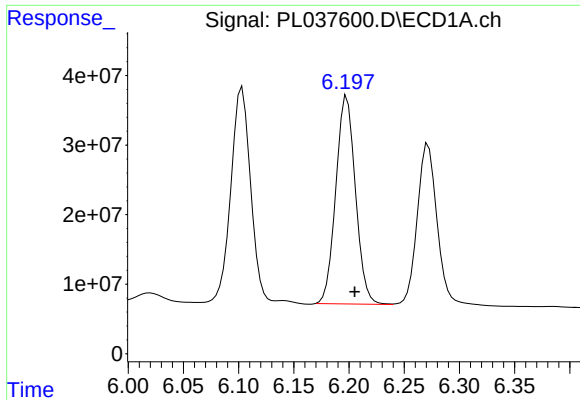
#16 4,4'-DDD

R.T.: 5.964 min  
Delta R.T.: -0.006 min  
Response: 327877101  
Conc: 49.93 ng/ml



#16 4,4'-DDD

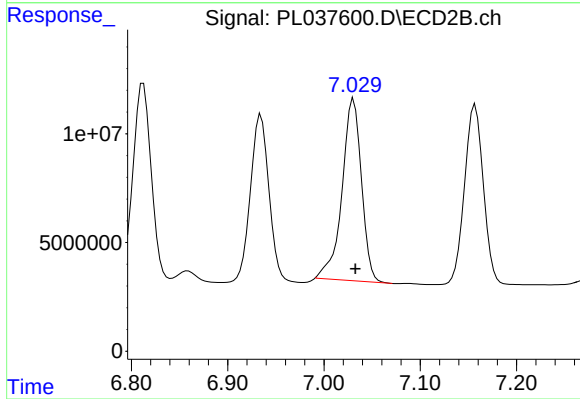
R.T.: 6.732 min  
Delta R.T.: -0.002 min  
Response: 114440094  
Conc: 55.75 ng/ml



#17 4,4'-DDT

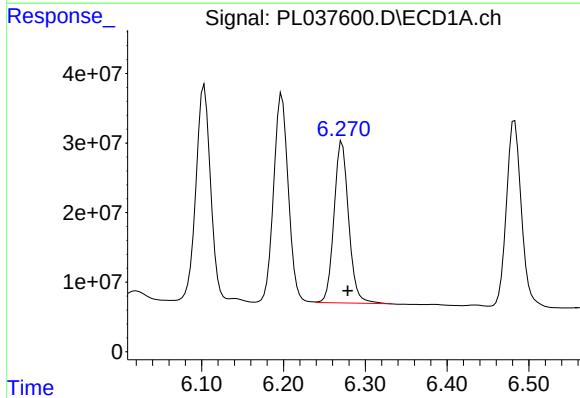
R.T.: 6.198 min  
Delta R.T.: -0.007 min  
Response: 370445146  
Conc: 57.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IDOC SOIL 02



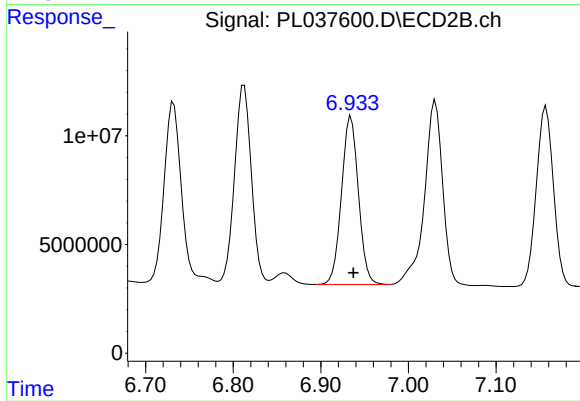
#17 4,4'-DDT

R.T.: 7.031 min  
Delta R.T.: -0.002 min  
Response: 116965475  
Conc: 55.22 ng/ml



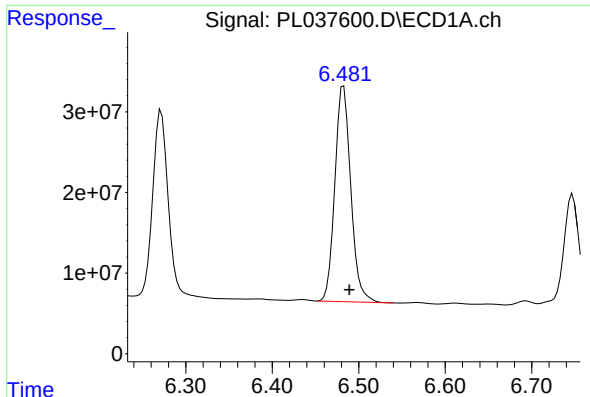
#18 Endrin aldehyde

R.T.: 6.272 min  
Delta R.T.: -0.007 min  
Response: 289497003  
Conc: 51.84 ng/ml



#18 Endrin aldehyde

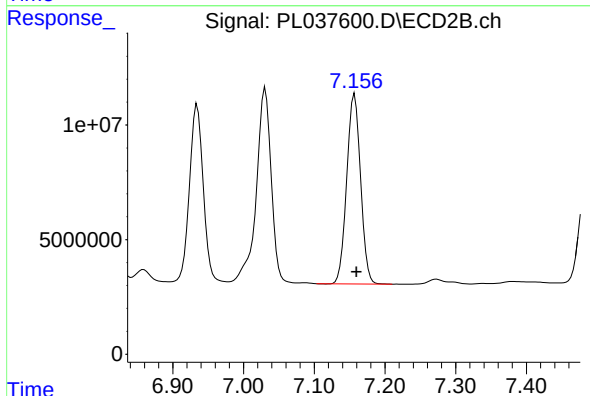
R.T.: 6.934 min  
Delta R.T.: -0.003 min  
Response: 103706916  
Conc: 51.54 ng/ml



#19 Endosulfan Sulfate

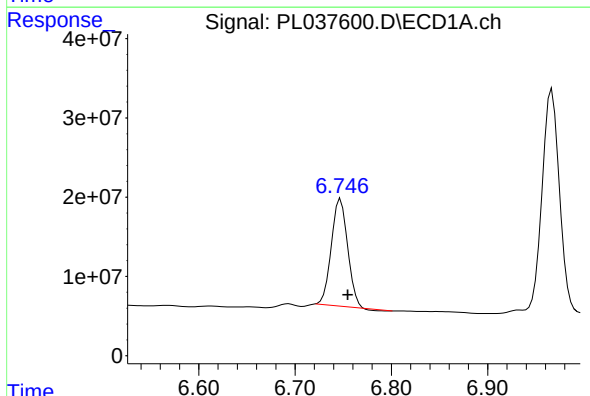
R.T.: 6.483 min  
Delta R.T.: -0.007 min  
Response: 340328415  
Conc: 50.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IDOC SOIL 02



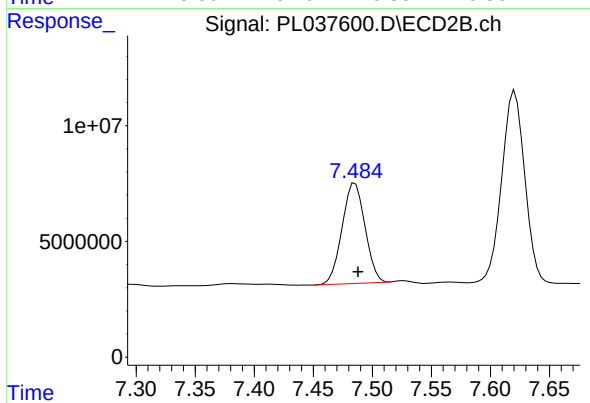
#19 Endosulfan Sulfate

R.T.: 7.157 min  
Delta R.T.: -0.002 min  
Response: 112832817  
Conc: 51.84 ng/ml



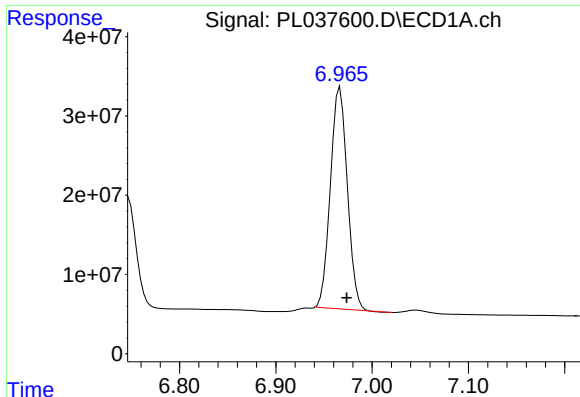
#20 Methoxychlor

R.T.: 6.747 min  
Delta R.T.: -0.007 min  
Response: 157220281  
Conc: 46.25 ng/ml



#20 Methoxychlor

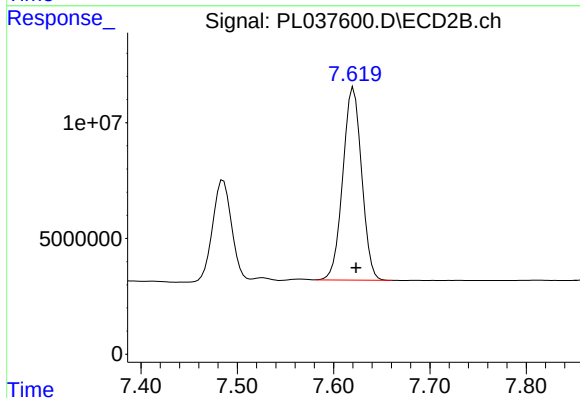
R.T.: 7.485 min  
Delta R.T.: -0.002 min  
Response: 58533168  
Conc: 52.29 ng/ml



#21 Endrin ketone

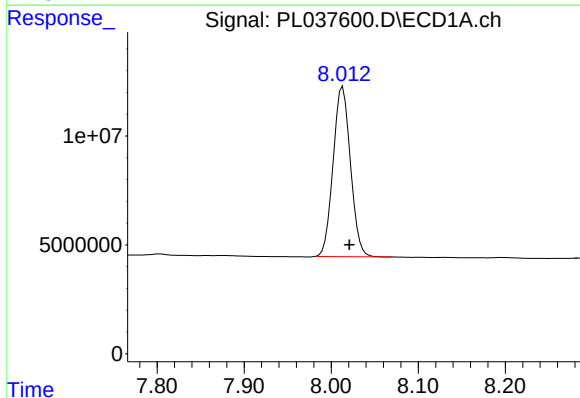
R.T.: 6.967 min  
Delta R.T.: -0.007 min  
Response: 341645016  
Conc: 48.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
IDOC SOIL 02



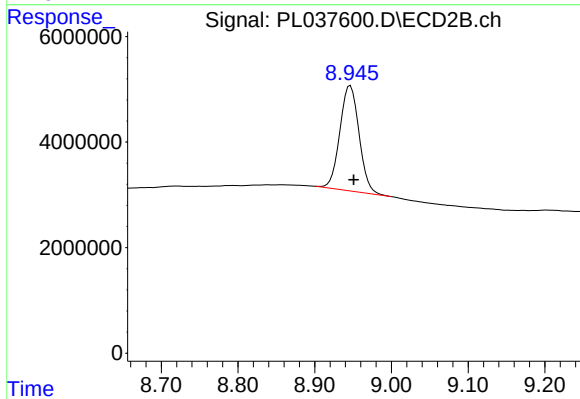
#21 Endrin ketone

R.T.: 7.621 min  
Delta R.T.: -0.003 min  
Response: 112577504  
Conc: 55.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.013 min  
Delta R.T.: -0.007 min  
Response: 108098923  
Conc: 17.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.946 min  
Delta R.T.: -0.004 min  
Response: 34723817  
Conc: 17.50 ng/ml