

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031424\  
 Data File : PL088586.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Mar 2024 19:41  
 Operator : AR\AJ  
 Sample : SOIL IDOC-4  
 Misc : FOR EVELYN  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SOIL IDOC-4

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 14 02:00:47 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 13 15:45:55 2024  
 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... | 3.634 | 2.852 | 51607228 | 24669229 | 19.475  | 18.510    |
| 2)                          | SA Decachlor... | 9.303 | 8.082 | 44240954 | 25024526 | 17.897  | 18.456    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.099 | 3.367 | 195.4E6  | 92717755 | 48.962  | 46.141    |
| 3)                          | MA gamma-BHC... | 4.438 | 3.703 | 185.8E6  | 87850693 | 47.916  | 45.777    |
| 4)                          | MA Heptachlor   | 5.038 | 4.051 | 187.7E6  | 85855720 | 49.434  | 47.705    |
| 5)                          | MB Aldrin       | 5.385 | 4.337 | 174.2E6  | 80844196 | 47.533  | 44.738    |
| 6)                          | B beta-BHC      | 4.635 | 4.005 | 83919509 | 38874965 | 47.320  | 45.349    |
| 7)                          | B delta-BHC     | 4.887 | 4.240 | 177.8E6  | 82210454 | 44.150  | 42.973    |
| 8)                          | B Heptachlo...  | 5.817 | 4.847 | 165.0E6  | 75438794 | 48.029  | 45.873    |
| 9)                          | A Endosulfan I  | 6.207 | 5.224 | 150.6E6  | 70785305 | 49.259  | 47.088    |
| 10)                         | B gamma-Chl...  | 6.076 | 5.102 | 169.2E6  | 78431994 | 50.787  | 47.353    |
| 11)                         | B alpha-Chl...  | 6.157 | 5.167 | 166.4E6  | 78034874 | 50.057  | 47.011    |
| 12)                         | B 4,4'-DDE      | 6.331 | 5.360 | 149.2E6  | 69162178 | 49.925  | 47.417    |
| 13)                         | MA Dieldrin     | 6.487 | 5.493 | 161.0E6  | 76447014 | 49.652  | 47.069    |
| 14)                         | MA Endrin       | 6.719 | 5.772 | 135.6E6  | 69396673 | 49.588  | 48.144    |
| 15)                         | B Endosulfa...  | 6.940 | 6.070 | 141.8E6  | 68096029 | 49.521  | 47.358    |
| 16)                         | A 4,4'-DDD      | 6.854 | 5.922 | 125.5E6  | 58881478 | 49.292  | 47.280    |
| 17)                         | MA 4,4'-DDT     | 7.172 | 6.177 | 136.1E6  | 63806386 | 51.064  | 47.539    |
| 18)                         | B Endrin al...  | 7.071 | 6.252 | 88984667 | 51319217 | 42.621  | 48.971    |
| 19)                         | B Endosulfa...  | 7.308 | 6.477 | 133.5E6  | 65339170 | 48.336  | 47.093    |
| 20)                         | A Methoxychlor  | 7.654 | 6.761 | 73168297 | 37213624 | 48.568  | 46.397    |
| 21)                         | B Endrin ke...  | 7.800 | 6.990 | 145.5E6  | 77982654 | 49.224  | 47.242    |
| 22)                         | Mirex           | 8.282 | 7.176 | 116.6E6  | 63839109 | 49.729  | 47.343    |
| 23)                         | Chlordane-1     | 0.000 | 3.884 | 0        | 10862    | N.D.    | 0.224 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.471 | 0        | 426565   | N.D.    | 7.026 #   |
| 25)                         | Chlordane-3     | 6.076 | 5.102 | 169.2E6  | 78431994 | 340.208 | 459.552 # |
| 26)                         | Chlordane-4     | 6.157 | 5.167 | 166.4E6  | 78034874 | 277.380 | 489.125 # |
| 27)                         | Chlordane-5     | 0.000 | 5.844 | 0        | 90109    | N.D.    | 1.777 #   |
| -----                       |                 |       |       |          |          |         |           |

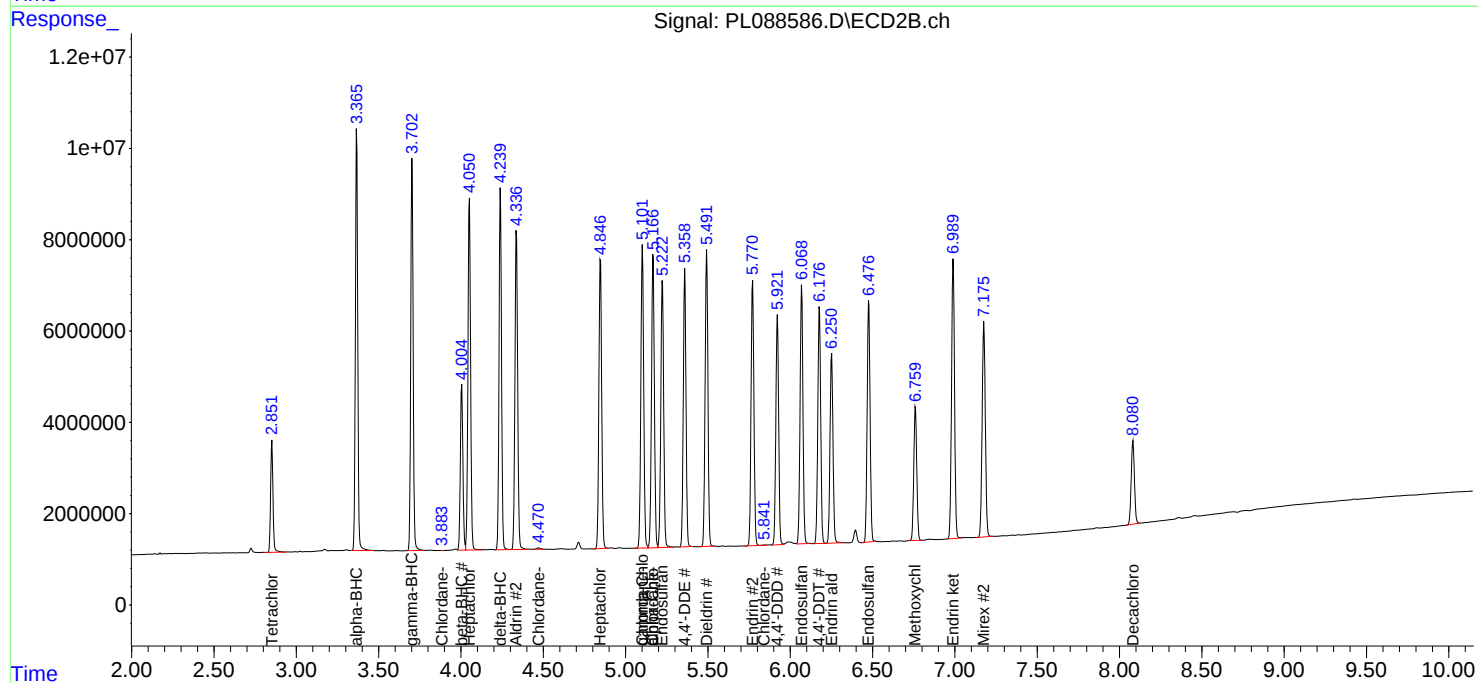
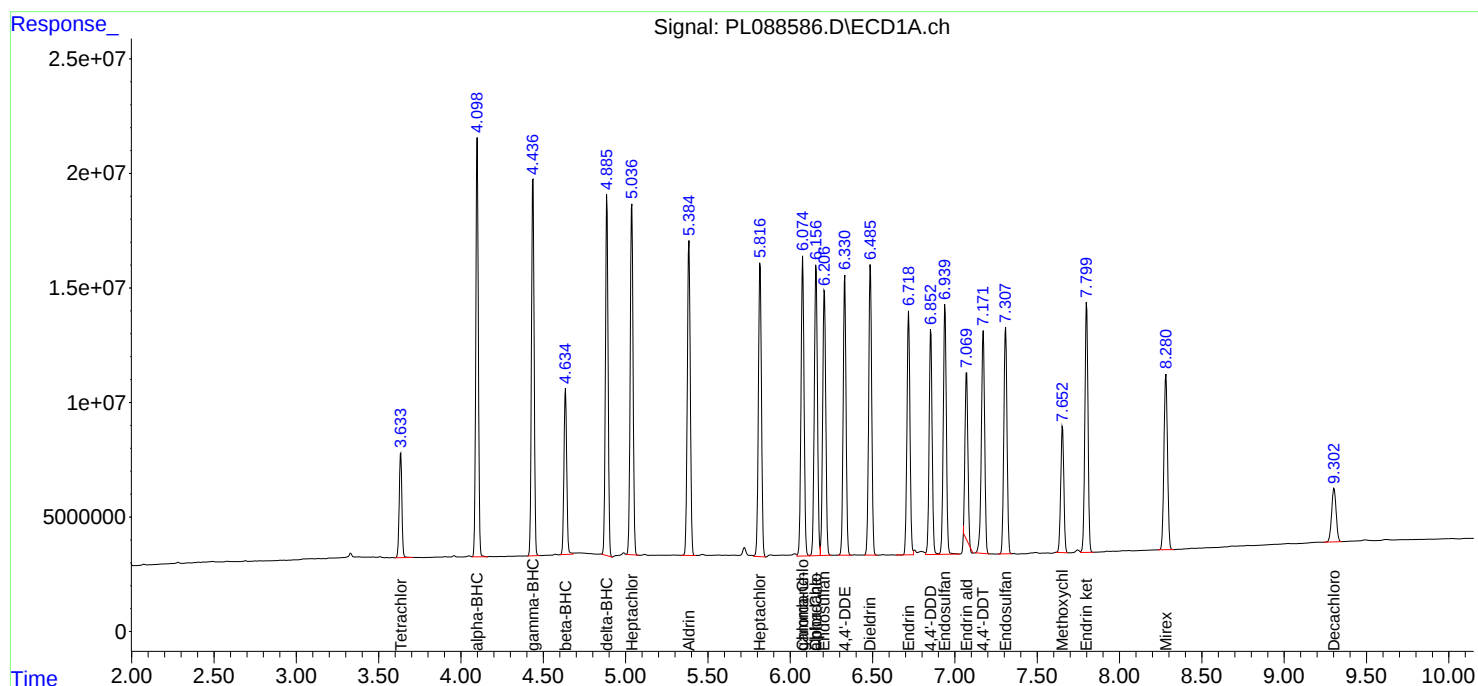
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

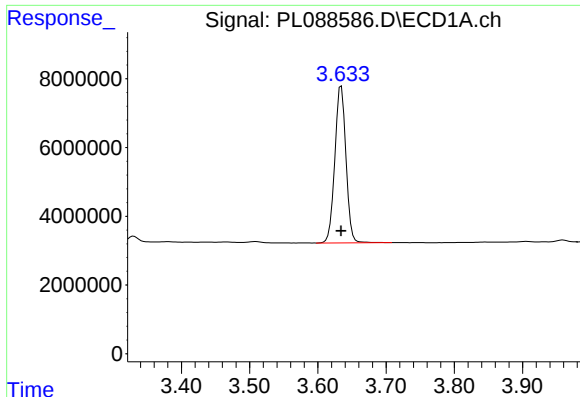
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031424\  
Data File : PL088586.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Mar 2024 19:41  
Operator : AR\AJ  
Sample : SOIL IDOC-4  
Misc : FOR EVELYN  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC-4

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 14 02:00:47 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 13 15:45:55 2024  
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

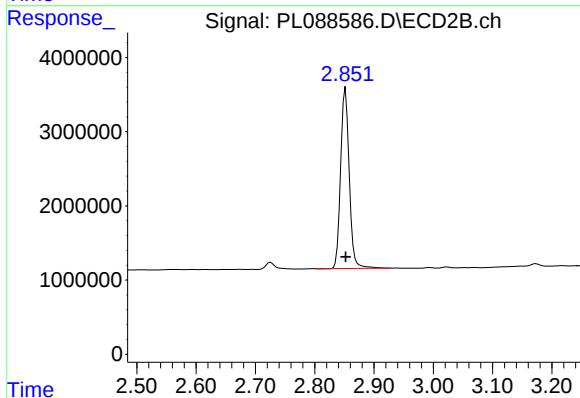




#1 Tetrachloro-m-xylene

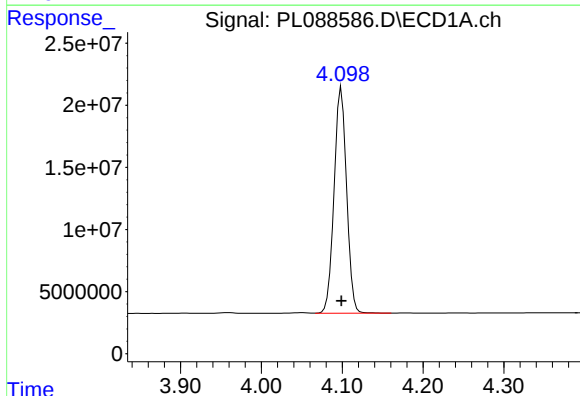
R.T.: 3.634 min  
Delta R.T.: 0.000 min  
Response: 51607228  
Conc: 19.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC-4



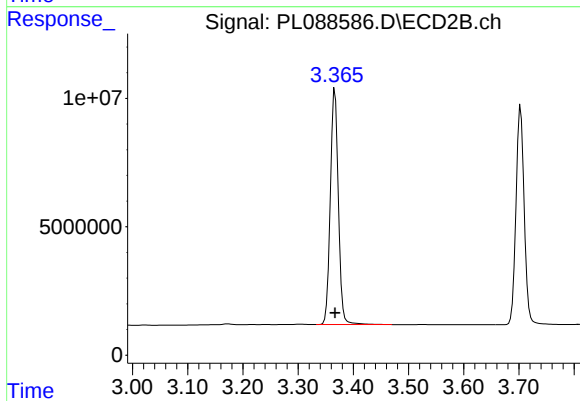
#1 Tetrachloro-m-xylene

R.T.: 2.852 min  
Delta R.T.: 0.000 min  
Response: 24669229  
Conc: 18.51 ng/ml



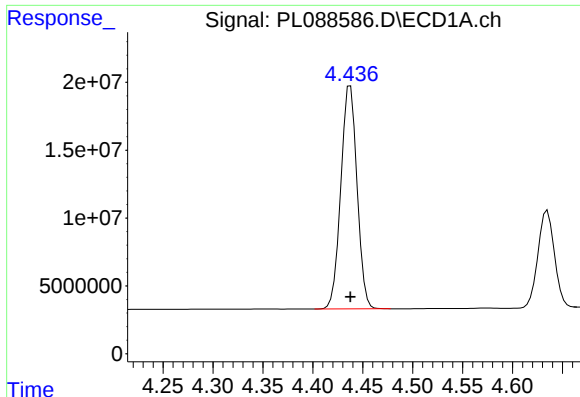
#2 alpha-BHC

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 195441520  
Conc: 48.96 ng/ml



#2 alpha-BHC

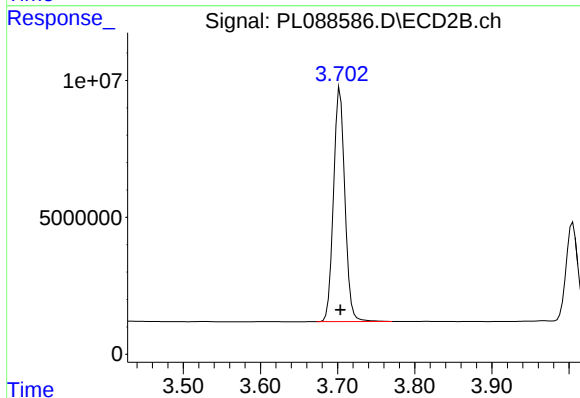
R.T.: 3.367 min  
Delta R.T.: 0.000 min  
Response: 92717755  
Conc: 46.14 ng/ml



#3 gamma-BHC (Lindane)

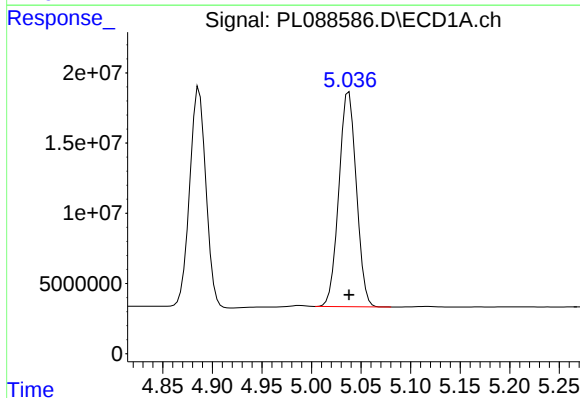
R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 185827403  
Conc: 47.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC-4



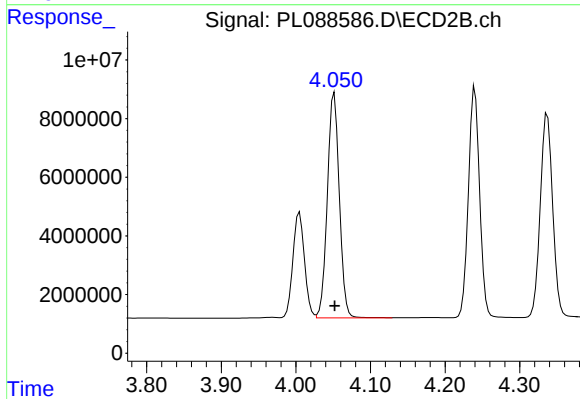
#3 gamma-BHC (Lindane)

R.T.: 3.703 min  
Delta R.T.: 0.000 min  
Response: 87850693  
Conc: 45.78 ng/ml



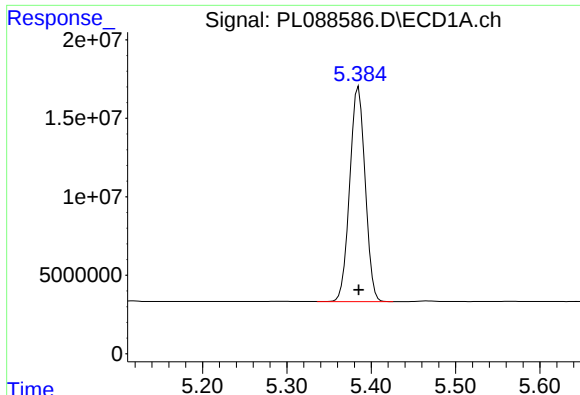
#4 Heptachlor

R.T.: 5.038 min  
Delta R.T.: 0.000 min  
Response: 187723077  
Conc: 49.43 ng/ml



#4 Heptachlor

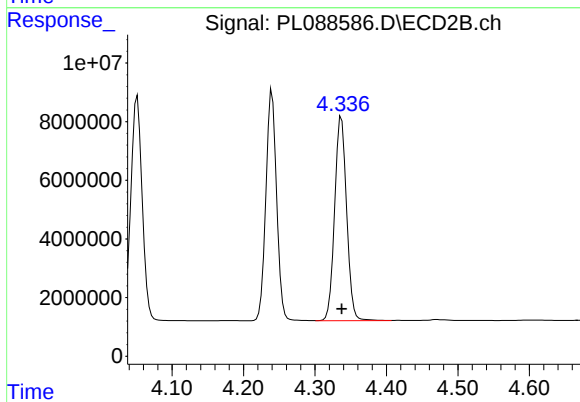
R.T.: 4.051 min  
Delta R.T.: 0.000 min  
Response: 85855720  
Conc: 47.70 ng/ml



#5 Aldrin

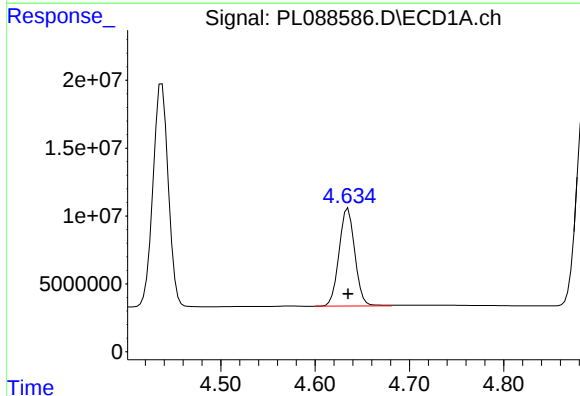
R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 174184167  
Conc: 47.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC-4



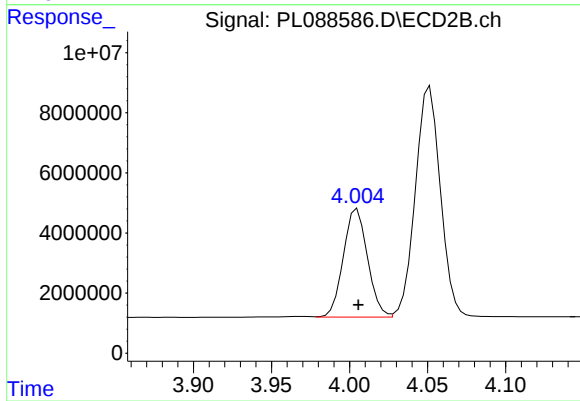
#5 Aldrin

R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 80844196  
Conc: 44.74 ng/ml



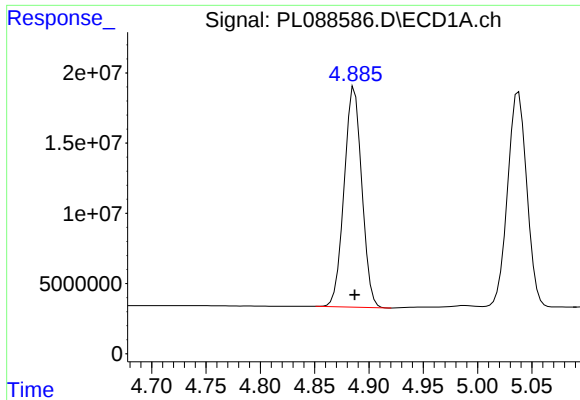
#6 beta-BHC

R.T.: 4.635 min  
Delta R.T.: 0.000 min  
Response: 83919509  
Conc: 47.32 ng/ml



#6 beta-BHC

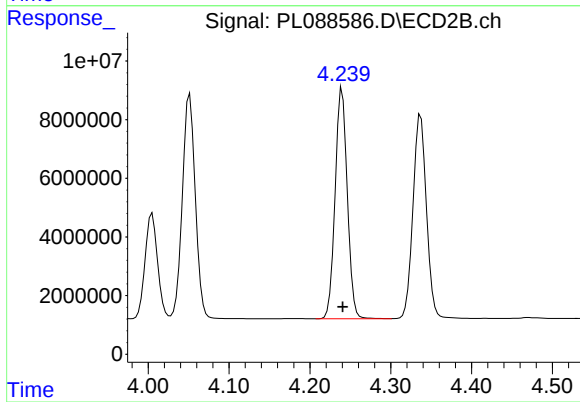
R.T.: 4.005 min  
Delta R.T.: 0.000 min  
Response: 38874965  
Conc: 45.35 ng/ml



#7 delta-BHC

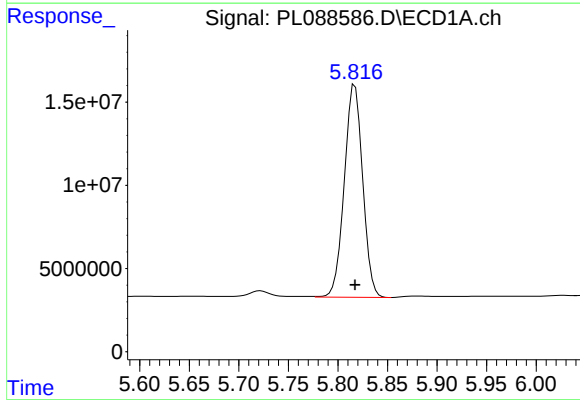
R.T.: 4.887 min  
Delta R.T.: 0.000 min  
Response: 177846771  
Conc: 44.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC-4



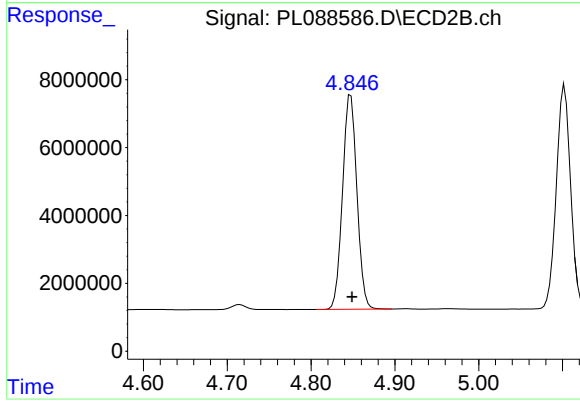
#7 delta-BHC

R.T.: 4.240 min  
Delta R.T.: 0.000 min  
Response: 82210454  
Conc: 42.97 ng/ml



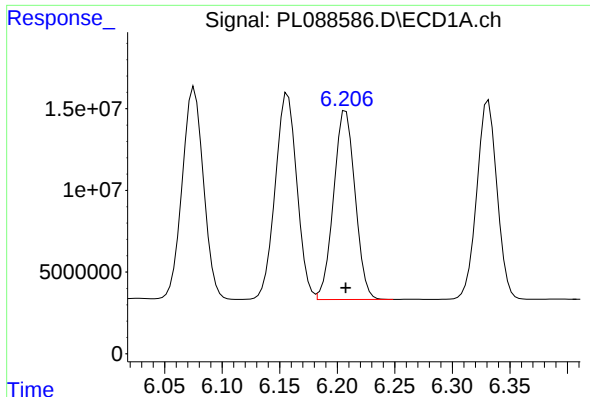
#8 Heptachlor epoxide

R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 164978238  
Conc: 48.03 ng/ml



#8 Heptachlor epoxide

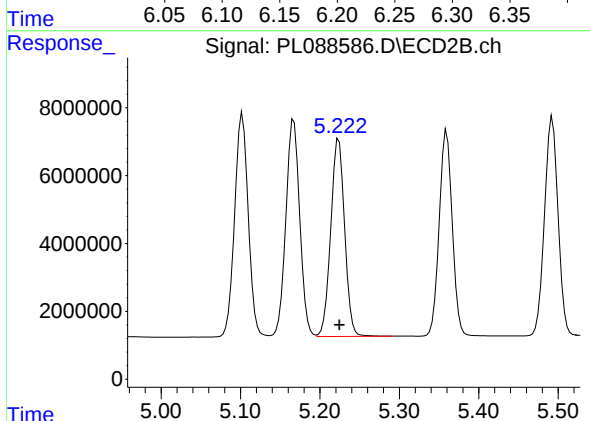
R.T.: 4.847 min  
Delta R.T.: -0.002 min  
Response: 75438794  
Conc: 45.87 ng/ml



#9 Endosulfan I

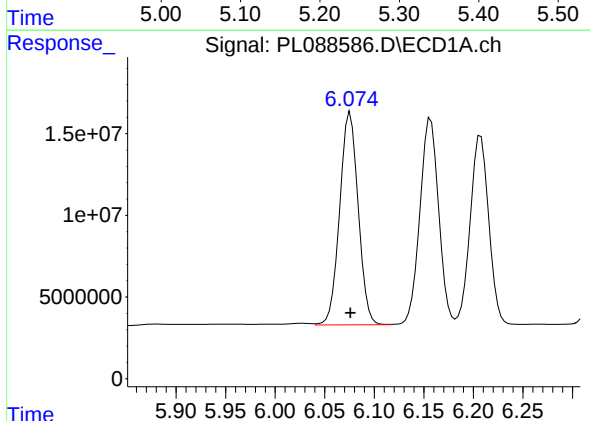
R.T.: 6.207 min  
Delta R.T.: 0.000 min  
Response: 150558726  
Conc: 49.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC-4



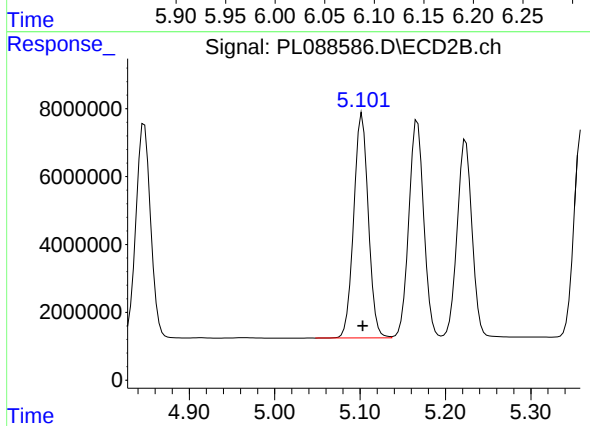
#9 Endosulfan I

R.T.: 5.224 min  
Delta R.T.: 0.000 min  
Response: 70785305  
Conc: 47.09 ng/ml



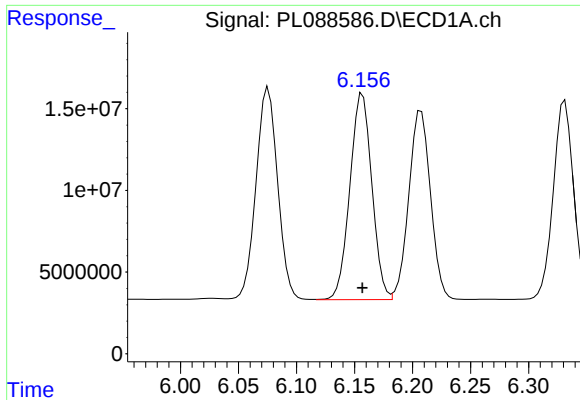
#10 gamma-Chlordane

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 169163526  
Conc: 50.79 ng/ml



#10 gamma-Chlordane

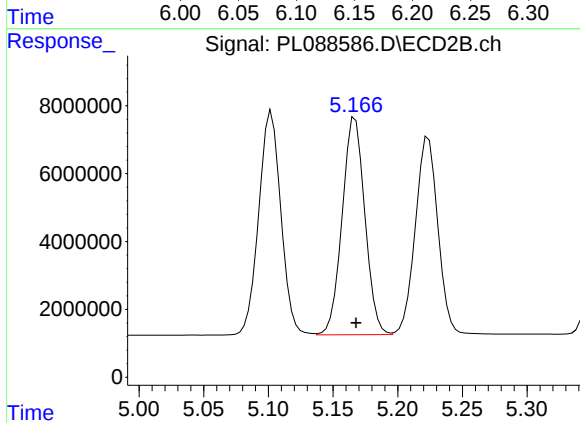
R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 78431994  
Conc: 47.35 ng/ml



#11 alpha-Chlordane

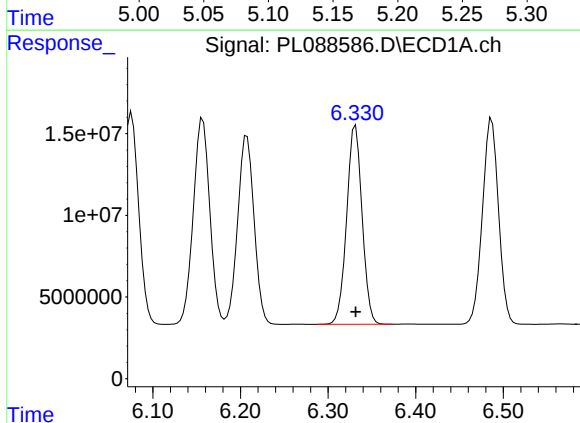
R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 166391003  
Conc: 50.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC-4



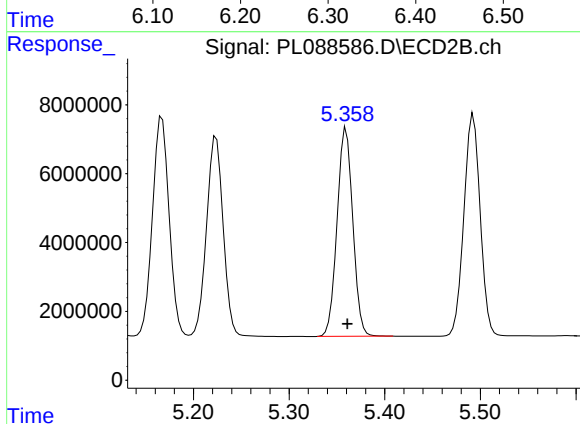
#11 alpha-Chlordane

R.T.: 5.167 min  
Delta R.T.: 0.000 min  
Response: 78034874  
Conc: 47.01 ng/ml



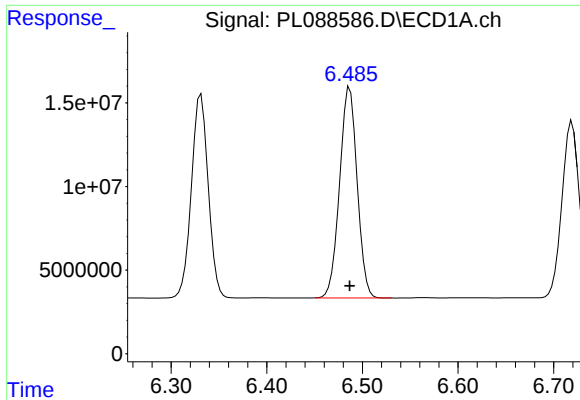
#12 4,4'-DDE

R.T.: 6.331 min  
Delta R.T.: 0.000 min  
Response: 149161054  
Conc: 49.92 ng/ml



#12 4,4'-DDE

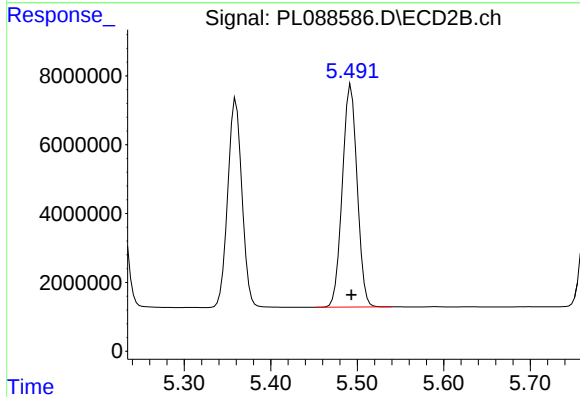
R.T.: 5.360 min  
Delta R.T.: -0.001 min  
Response: 69162178  
Conc: 47.42 ng/ml



#13 Dieldrin

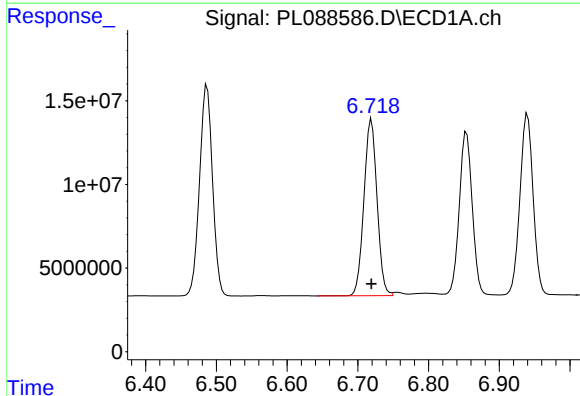
R.T.: 6.487 min  
Delta R.T.: 0.000 min  
Response: 161005393  
Conc: 49.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC-4



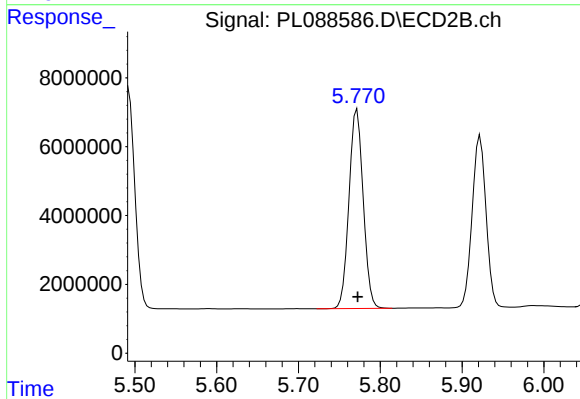
#13 Dieldrin

R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 76447014  
Conc: 47.07 ng/ml



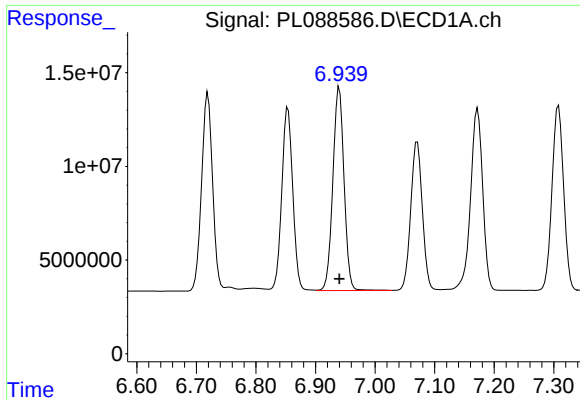
#14 Endrin

R.T.: 6.719 min  
Delta R.T.: 0.000 min  
Response: 135560161  
Conc: 49.59 ng/ml



#14 Endrin

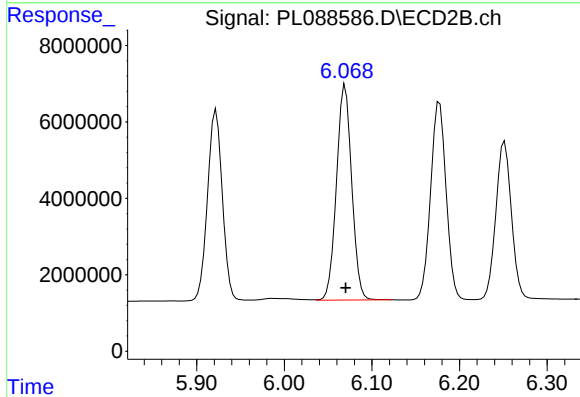
R.T.: 5.772 min  
Delta R.T.: -0.001 min  
Response: 69396673  
Conc: 48.14 ng/ml



#15 Endosulfan II

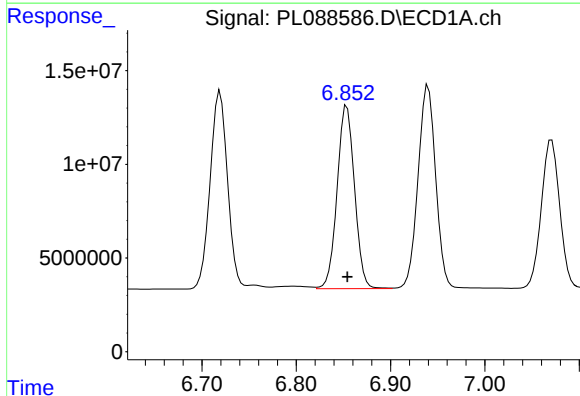
R.T.: 6.940 min  
Delta R.T.: 0.000 min  
Response: 141836835  
Conc: 49.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC-4



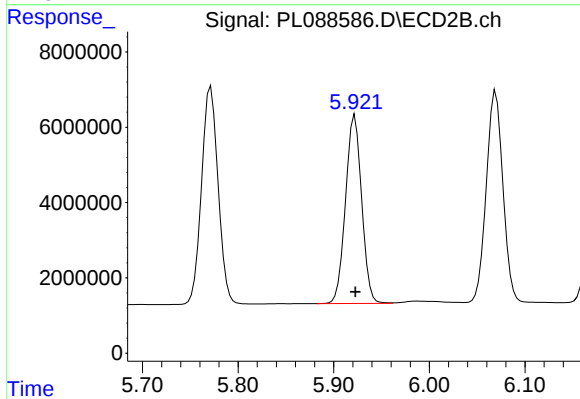
#15 Endosulfan II

R.T.: 6.070 min  
Delta R.T.: 0.000 min  
Response: 68096029  
Conc: 47.36 ng/ml



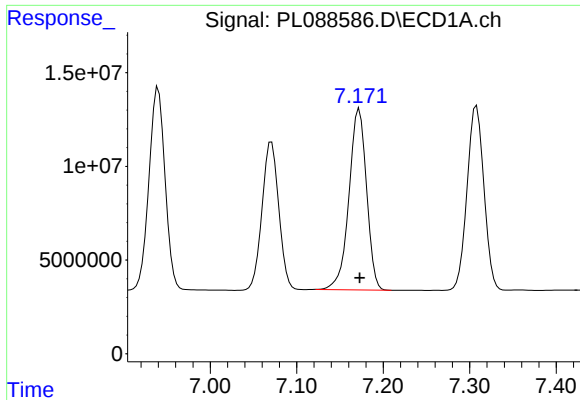
#16 4,4'-DDD

R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 125533789  
Conc: 49.29 ng/ml



#16 4,4'-DDD

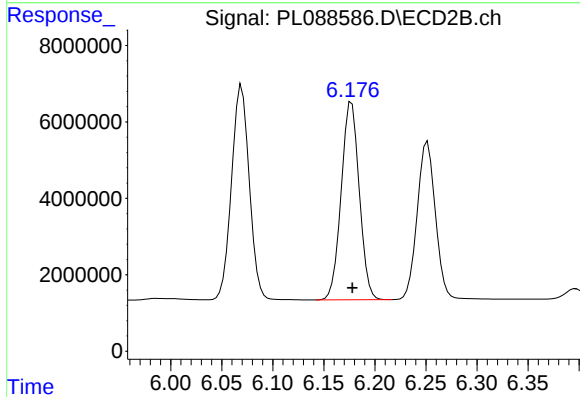
R.T.: 5.922 min  
Delta R.T.: 0.000 min  
Response: 58881478  
Conc: 47.28 ng/ml



#17 4,4'-DDT

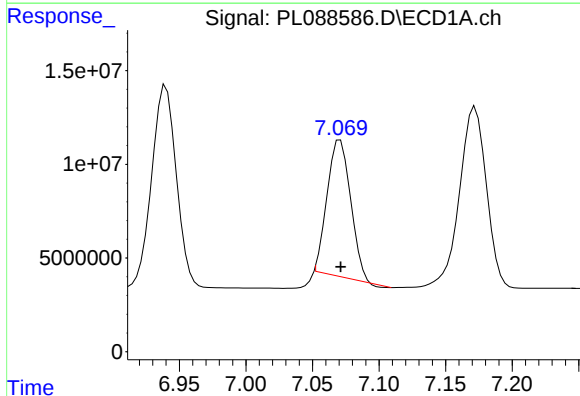
R.T.: 7.172 min  
Delta R.T.: 0.000 min  
Response: 136109734  
Conc: 51.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC-4



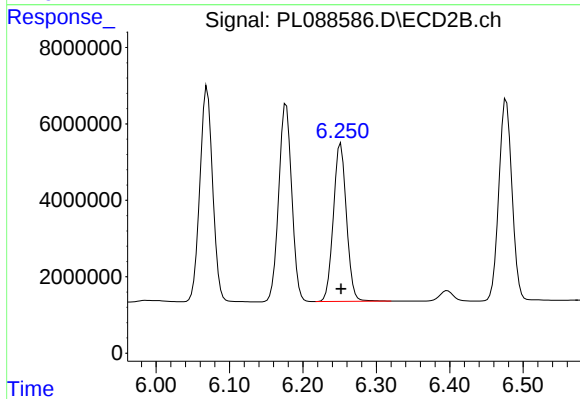
#17 4,4'-DDT

R.T.: 6.177 min  
Delta R.T.: 0.000 min  
Response: 63806386  
Conc: 47.54 ng/ml



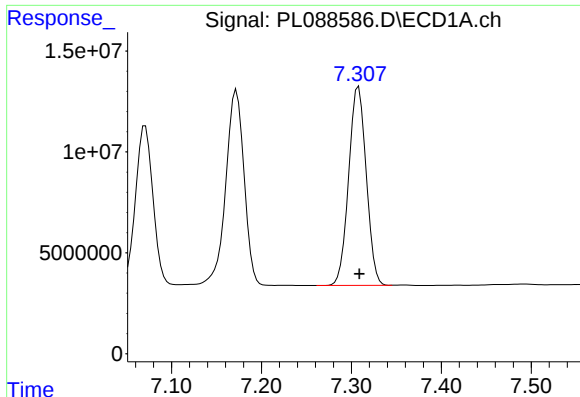
#18 Endrin aldehyde

R.T.: 7.071 min  
Delta R.T.: 0.000 min  
Response: 88984667  
Conc: 42.62 ng/ml



#18 Endrin aldehyde

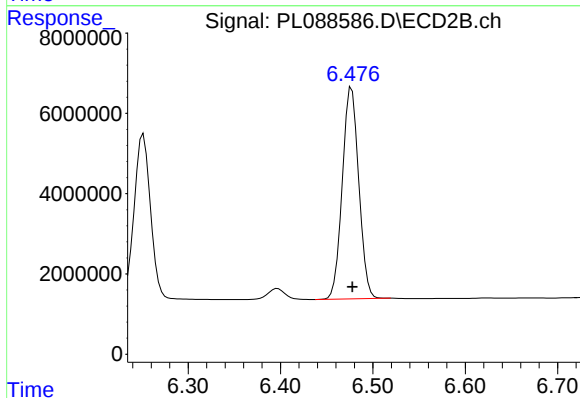
R.T.: 6.252 min  
Delta R.T.: 0.000 min  
Response: 51319217  
Conc: 48.97 ng/ml



#19 Endosulfan Sulfate

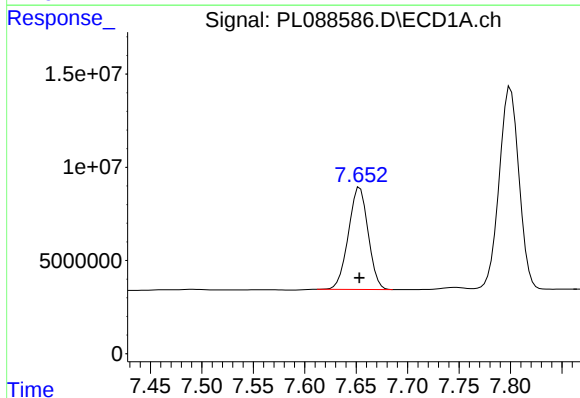
R.T.: 7.308 min  
Delta R.T.: 0.000 min  
Response: 133470028  
Conc: 48.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC-4



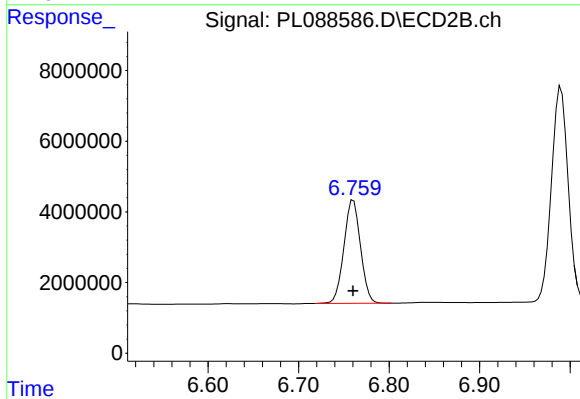
#19 Endosulfan Sulfate

R.T.: 6.477 min  
Delta R.T.: 0.000 min  
Response: 65339170  
Conc: 47.09 ng/ml



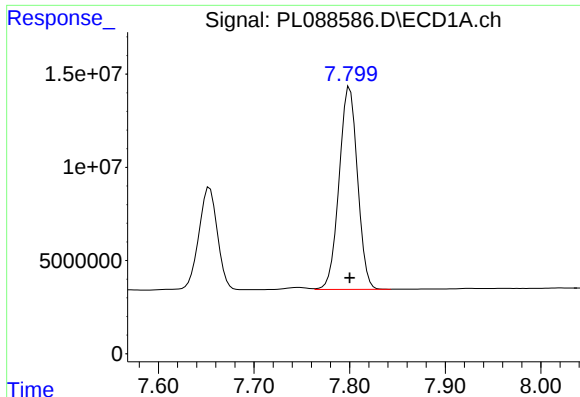
#20 Methoxychlor

R.T.: 7.654 min  
Delta R.T.: 0.000 min  
Response: 73168297  
Conc: 48.57 ng/ml



#20 Methoxychlor

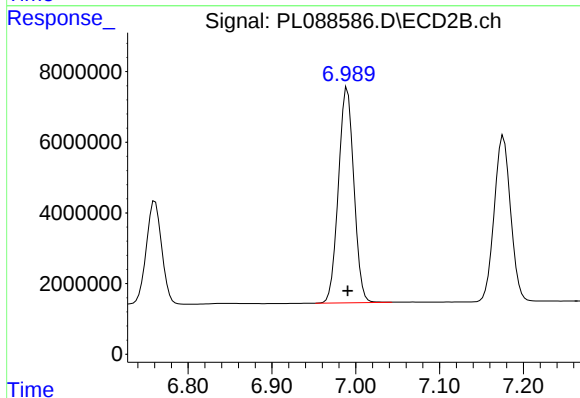
R.T.: 6.761 min  
Delta R.T.: 0.000 min  
Response: 37213624  
Conc: 46.40 ng/ml



#21 Endrin ketone

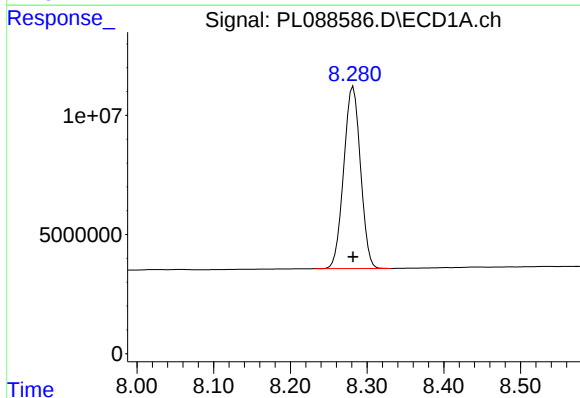
R.T.: 7.800 min  
Delta R.T.: 0.000 min  
Response: 145526110  
Conc: 49.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC-4



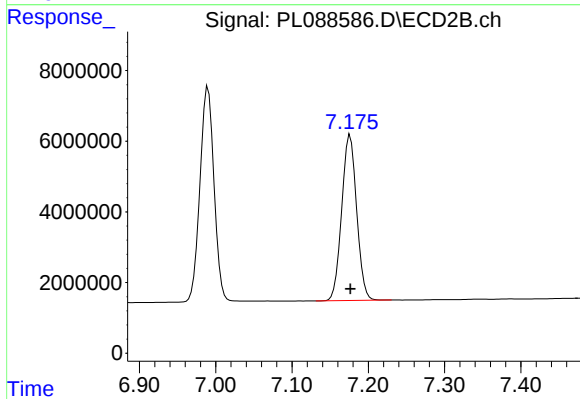
#21 Endrin ketone

R.T.: 6.990 min  
Delta R.T.: 0.000 min  
Response: 77982654  
Conc: 47.24 ng/ml



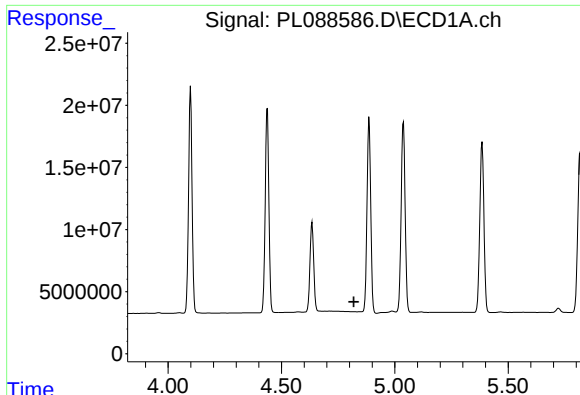
#22 Mirex

R.T.: 8.282 min  
Delta R.T.: 0.000 min  
Response: 116590042  
Conc: 49.73 ng/ml



#22 Mirex

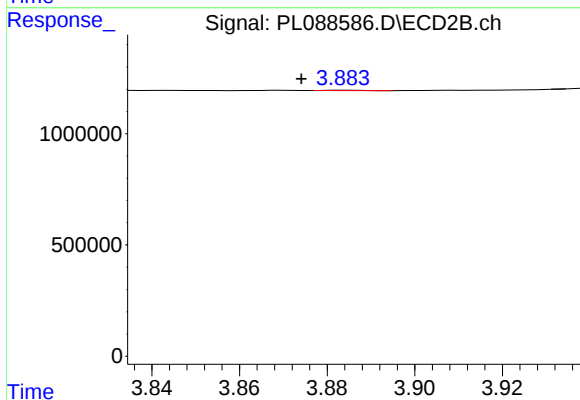
R.T.: 7.176 min  
Delta R.T.: 0.000 min  
Response: 63839109  
Conc: 47.34 ng/ml



#23 Chlordane-1

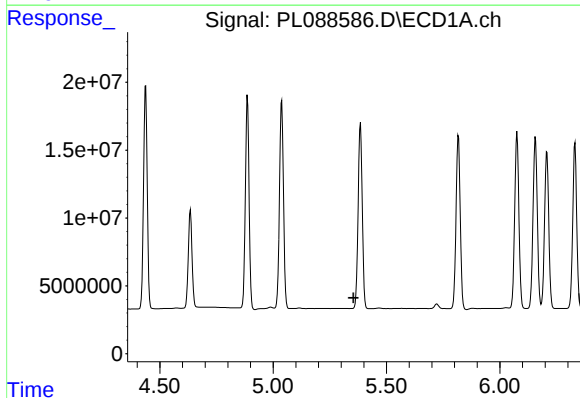
R.T.: 0.000 min  
Exp R.T.: 4.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC-4



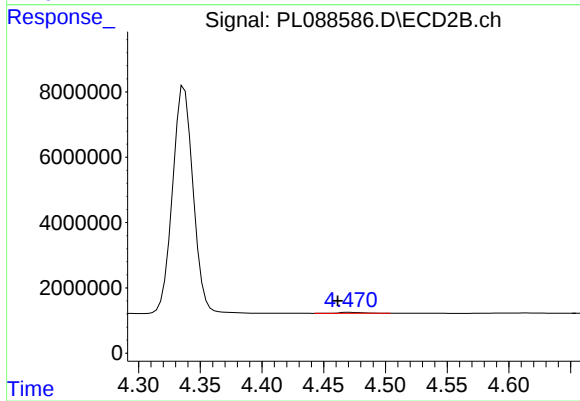
#23 Chlordane-1

R.T.: 3.884 min  
Delta R.T.: 0.010 min  
Response: 10862  
Conc: 0.22 ng/ml



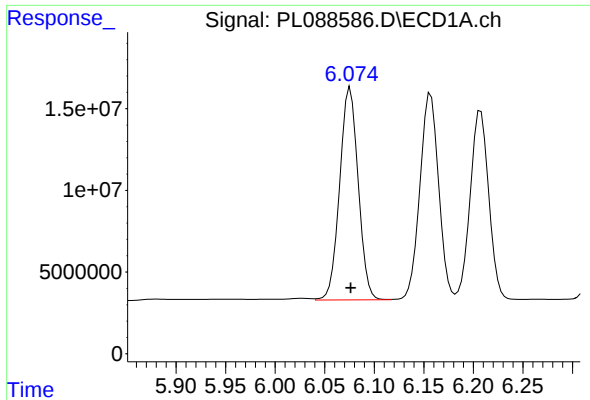
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.355 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

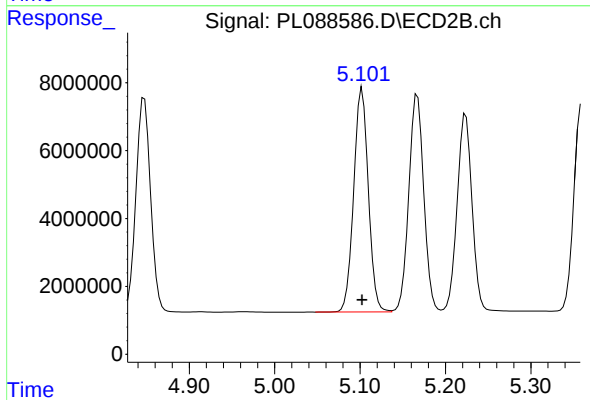
R.T.: 4.471 min  
Delta R.T.: 0.009 min  
Response: 426565  
Conc: 7.03 ng/ml



#25 Chlordane-3

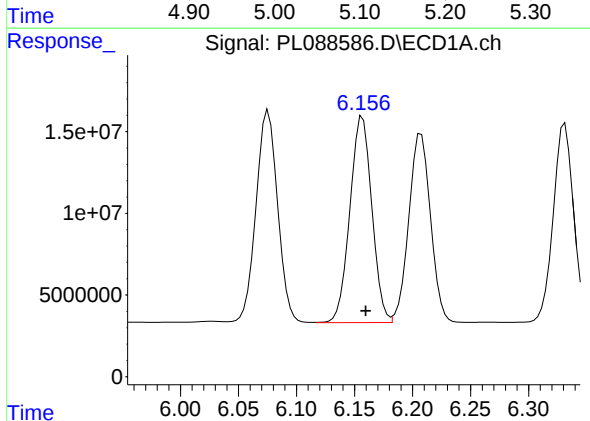
R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 169163526  
Conc: 340.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC-4



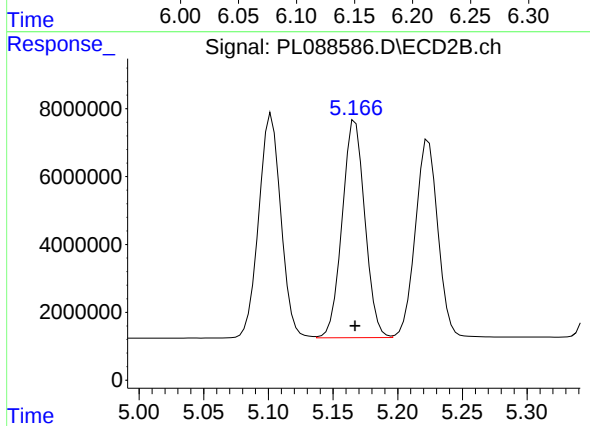
#25 Chlordane-3

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 78431994  
Conc: 459.55 ng/ml



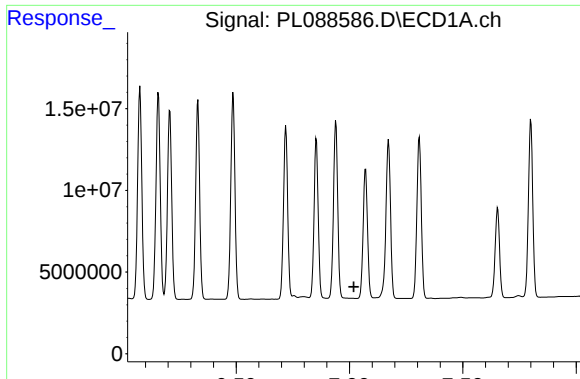
#26 Chlordane-4

R.T.: 6.157 min  
Delta R.T.: -0.003 min  
Response: 166391003  
Conc: 277.38 ng/ml



#26 Chlordane-4

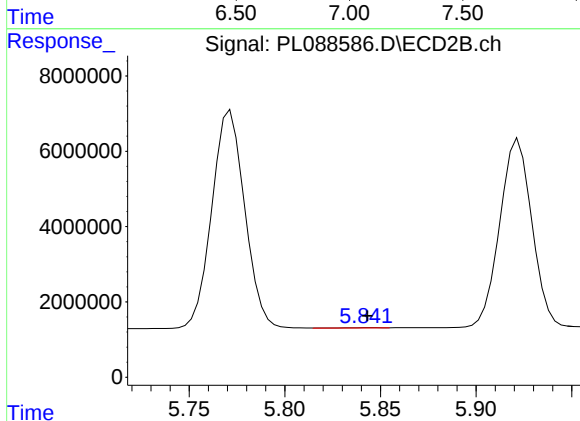
R.T.: 5.167 min  
Delta R.T.: 0.000 min  
Response: 78034874  
Conc: 489.12 ng/ml



#27 Chlordane-5

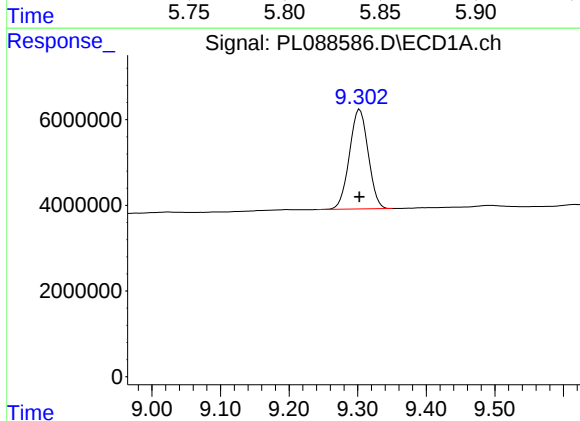
R.T.: 0.000 min  
Exp R.T.: 7.019 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SOIL IDOC-4



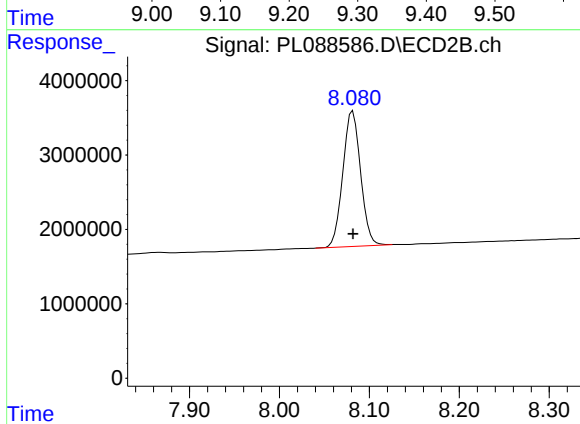
#27 Chlordane-5

R.T.: 5.844 min  
Delta R.T.: 0.000 min  
Response: 90109  
Conc: 1.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.303 min  
Delta R.T.: 0.000 min  
Response: 44240954  
Conc: 17.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min  
Delta R.T.: 0.000 min  
Response: 25024526  
Conc: 18.46 ng/ml