

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070318\  
 Data File : PL037654.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jul 2018 12:33  
 Operator : UA\AJ  
 Sample : IDOC WATER 02  
 Misc : FOR SJ  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 04 00:10:38 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 | 3.936 | 128.2E6 | 49065860 | 16.201   | 17.734     |
| 28)                         | SA Decachlor... | 8.011 | 8.945 | 101.3E6 | 31534851 | 16.784   | 15.895     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.764 | 4.314 | 559.9E6 | 204.7E6  | 45.733   | 52.750     |
| 3)                          | MA gamma-BHC... | 4.040 | 4.594 | 501.6E6 | 181.2E6  | 48.625   | 52.477     |
| 4)                          | MA Heptachlor   | 4.325 | 5.105 | 500.0E6 | 176.5E6  | 48.806   | 51.055     |
| 5)                          | MB Aldrin       | 4.565 | 5.408 | 488.7E6 | 160.6E6  | 48.008   | 51.179     |
| 6)                          | B beta-BHC      | 4.295 | 4.756 | 220.8E6 | 79900989 | 48.413   | 49.545     |
| 7)                          | B delta-BHC     | 4.490 | 4.970 | 508.9E6 | 168.0E6  | 48.101   | 59.570     |
| 8)                          | B Heptachlo...  | 5.003 | 5.788 | 452.5E6 | 146.2E6  | 48.304   | 51.284     |
| 9)                          | A Endosulfan I  | 5.334 | 6.140 | 407.6E6 | 127.9E6  | 48.176   | 49.851     |
| 10)                         | B gamma-Chl...  | 5.226 | 6.020 | 455.7E6 | 143.8E6  | 48.655   | 51.069     |
| 11)                         | B alpha-Chl...  | 5.282 | 6.093 | 440.5E6 | 143.4E6  | 48.508   | 49.837     |
| 12)                         | B 4,4'-DDE      | 5.451 | 6.249 | 438.4E6 | 128.2E6  | 49.630   | 50.377     |
| 13)                         | MA Dieldrin     | 5.574 | 6.394 | 434.4E6 | 134.2E6  | 49.068   | 50.271     |
| 14)                         | MA Endrin       | 5.828 | 6.608 | 384.3E6 | 114.3E6  | 48.779   | 49.709     |
| 15)                         | B Endosulfa...  | 6.102 | 6.811 | 362.9E6 | 116.6E6  | 49.354   | 47.020     |
| 16)                         | A 4,4'-DDD      | 5.963 | 6.731 | 333.9E6 | 101.6E6  | 50.851   | 49.503     |
| 17)                         | MA 4,4'-DDT     | 6.197 | 7.030 | 315.3E6 | 101.2E6  | 48.836   | 47.777     |
| 18)                         | B Endrin al...  | 6.270 | 6.934 | 282.7E6 | 97312662 | 50.620   | 48.360     |
| 19)                         | B Endosulfa...  | 6.481 | 7.156 | 325.6E6 | 106.0E6  | 48.666   | 48.725     |
| 20)                         | A Methoxychlor  | 6.746 | 7.485 | 157.1E6 | 56413045 | 46.229   | 50.398     |
| 21)                         | B Endrin ke...  | 6.965 | 7.620 | 323.5E6 | 108.7E6  | 45.492   | 53.565     |
| 23)                         | Chlordane-1     | 0.000 | 4.970 | 0       | 168.0E6  | N.D.     | 1398.156 # |
| 24)                         | Chlordane-2     | 0.000 | 5.408 | 0       | 160.6E6  | N.D.     | 1268.729 # |
| 25)                         | Chlordane-3     | 5.226 | 6.020 | 455.7E6 | 143.8E6  | 428.743  | 367.776    |
| 26)                         | Chlordane-4     | 5.282 | 6.093 | 440.5E6 | 143.4E6  | 457.202  | 299.349 #  |
| 27)                         | Chlordane-5     | 5.963 | 6.934 | 333.9E6 | 97312662 | 2551.779 | 1081.455 # |
| -----                       |                 |       |       |         |          |          |            |

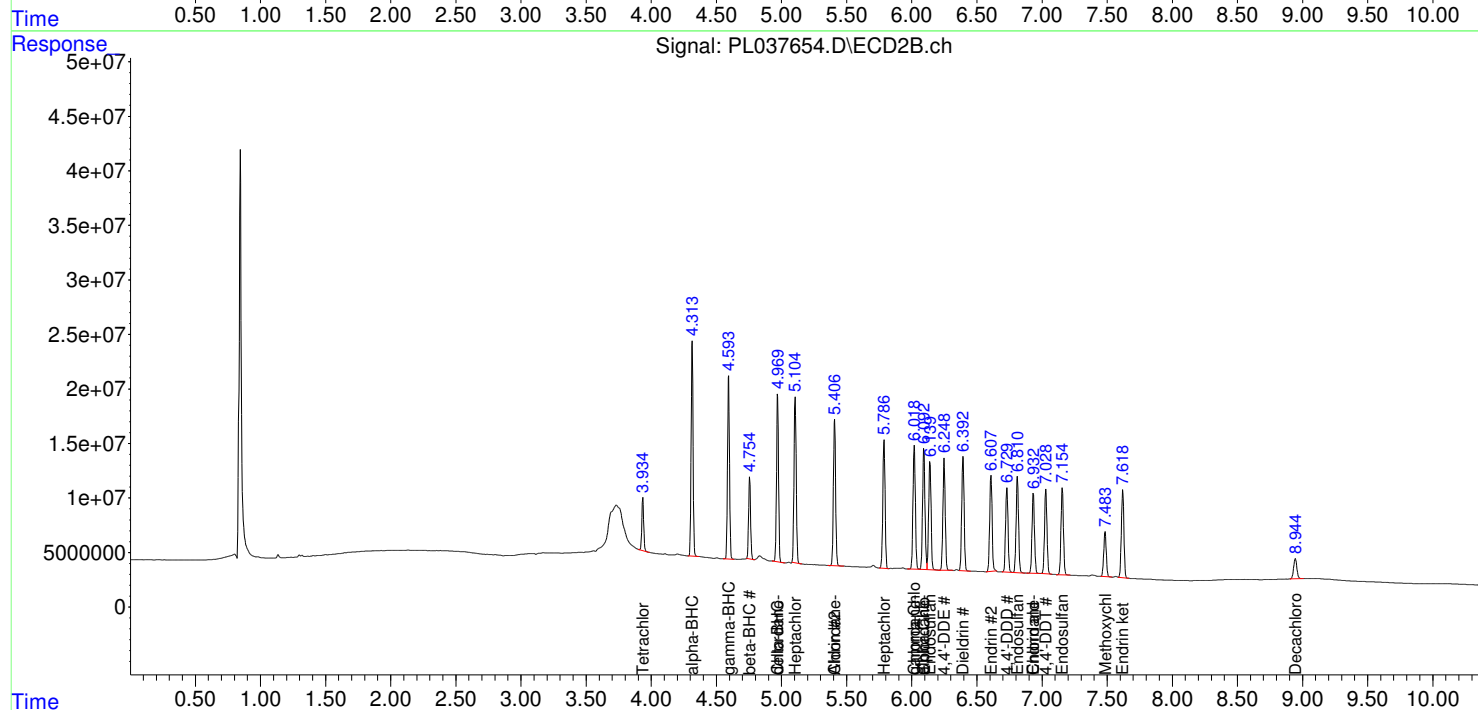
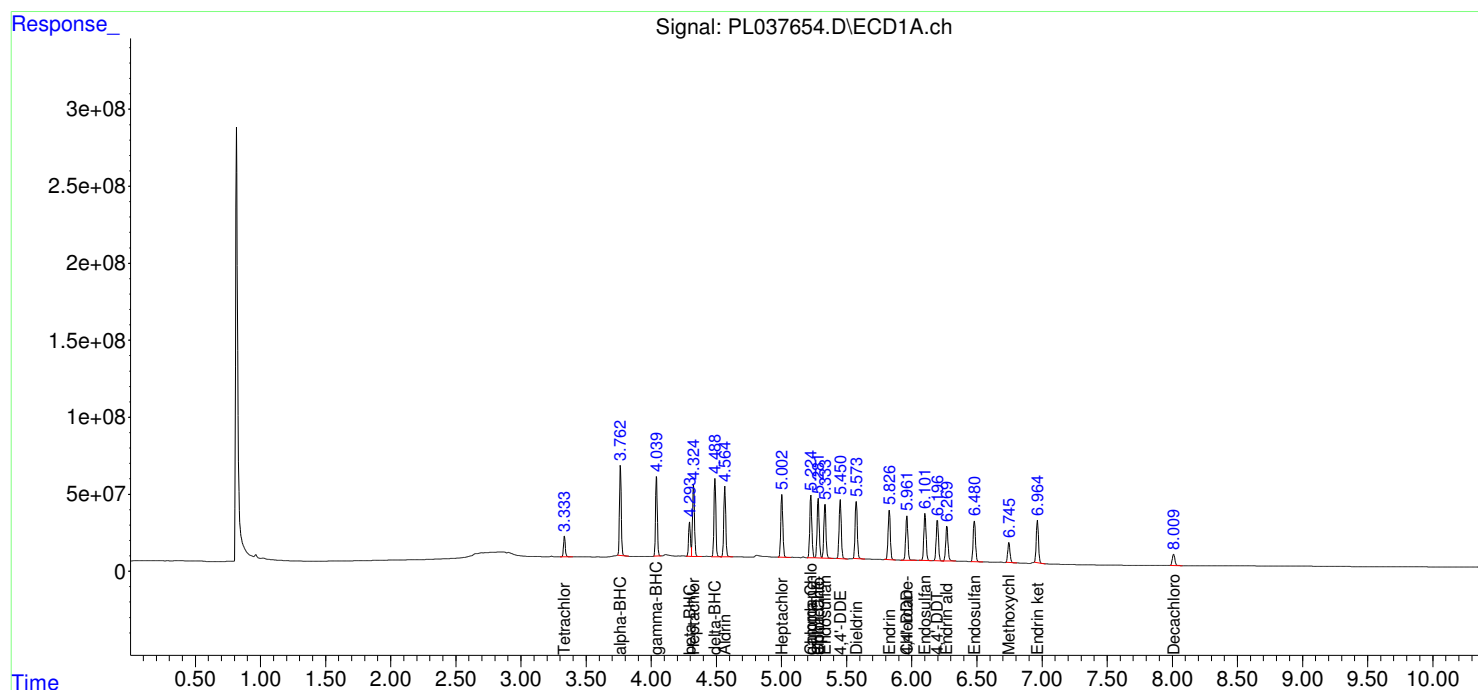
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

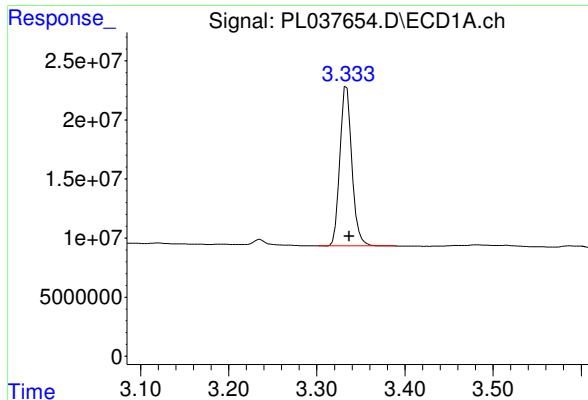
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070318\  
Data File : PL037654.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2018 12:33  
Operator : UA\AJ  
Sample : IDOC WATER 02  
Misc : FOR SJ  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 04 00:10:38 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

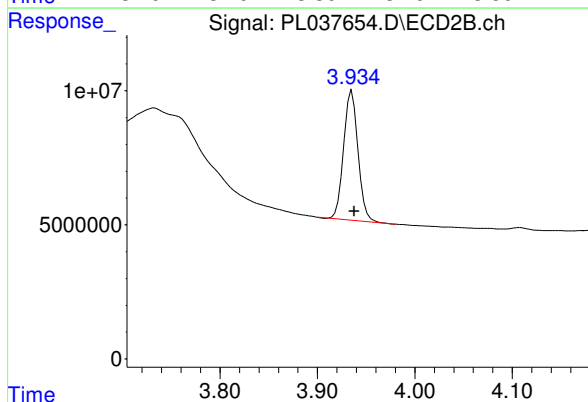




#1 Tetrachloro-m-xylene

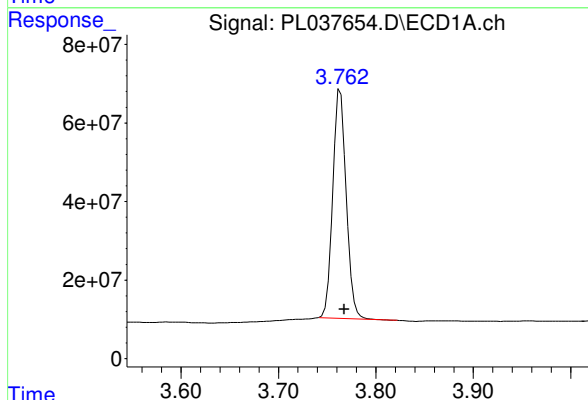
R.T.: 3.334 min  
Delta R.T.: -0.003 min  
Response: 128153073  
Conc: 16.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



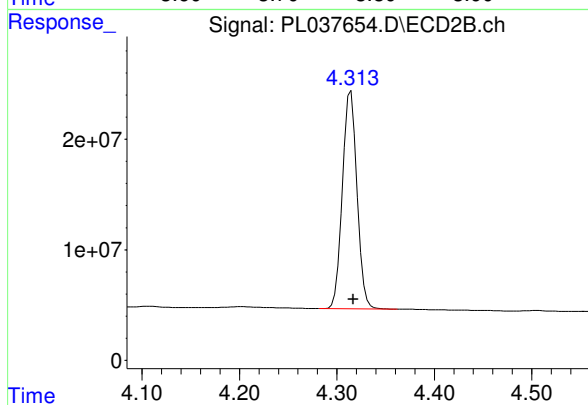
#1 Tetrachloro-m-xylene

R.T.: 3.936 min  
Delta R.T.: -0.002 min  
Response: 49065860  
Conc: 17.73 ng/ml



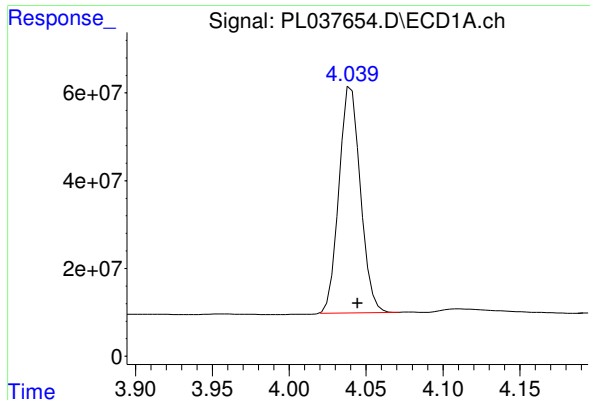
#2 alpha-BHC

R.T.: 3.764 min  
Delta R.T.: -0.004 min  
Response: 559899443  
Conc: 45.73 ng/ml



#2 alpha-BHC

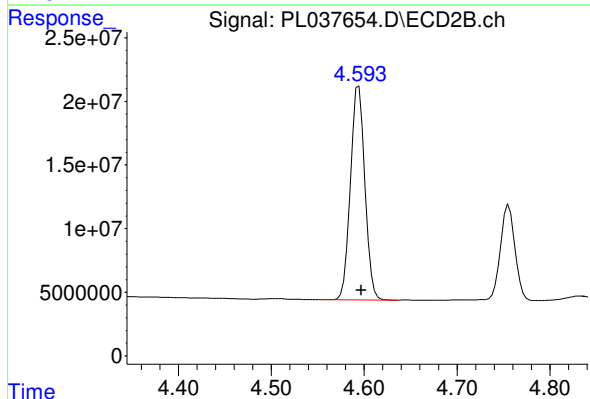
R.T.: 4.314 min  
Delta R.T.: -0.002 min  
Response: 204681632  
Conc: 52.75 ng/ml



#3 gamma-BHC (Lindane)

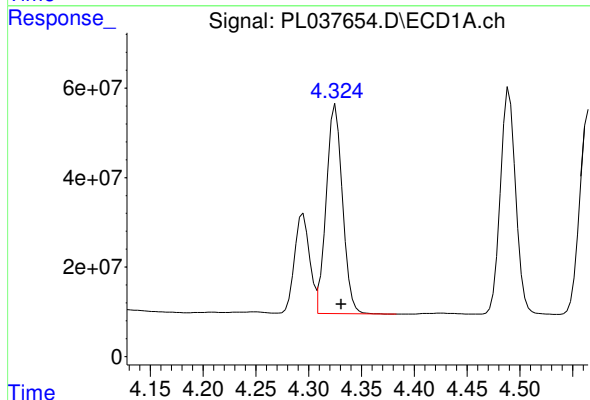
R.T.: 4.040 min  
Delta R.T.: -0.004 min  
Response: 501556183  
Conc: 48.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



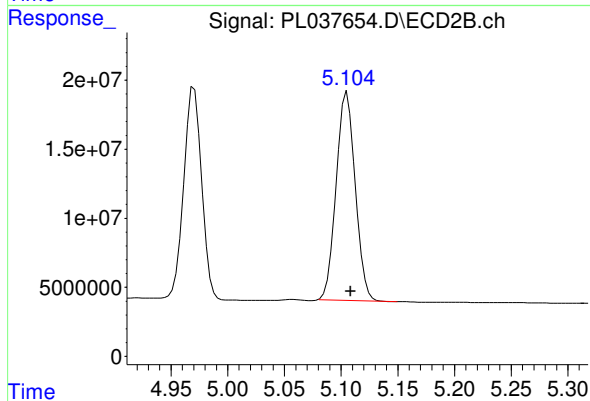
#3 gamma-BHC (Lindane)

R.T.: 4.594 min  
Delta R.T.: -0.003 min  
Response: 181239973  
Conc: 52.48 ng/ml



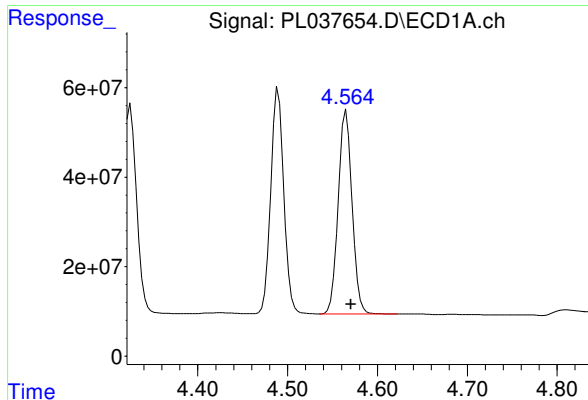
#4 Heptachlor

R.T.: 4.325 min  
Delta R.T.: -0.005 min  
Response: 500027482  
Conc: 48.81 ng/ml



#4 Heptachlor

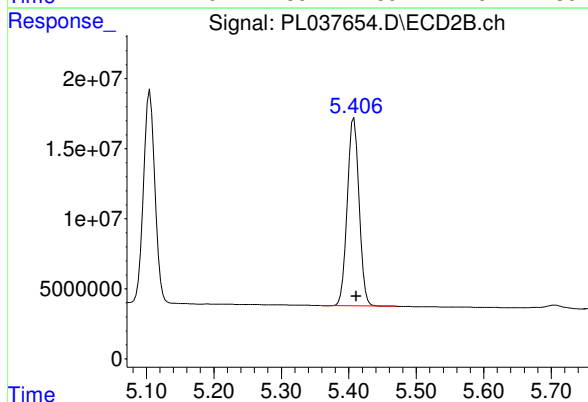
R.T.: 5.105 min  
Delta R.T.: -0.003 min  
Response: 176464362  
Conc: 51.05 ng/ml



#5 Aldrin

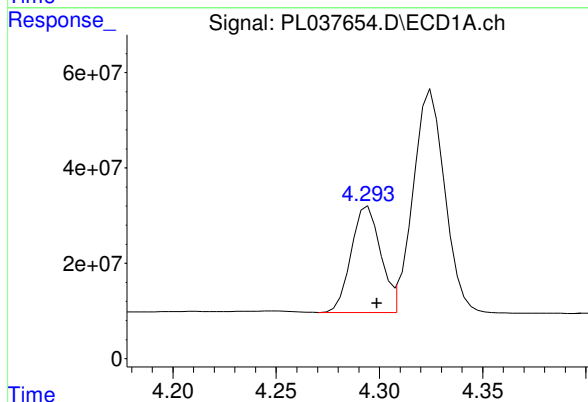
R.T.: 4.565 min  
Delta R.T.: -0.005 min  
Response: 488658439  
Conc: 48.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



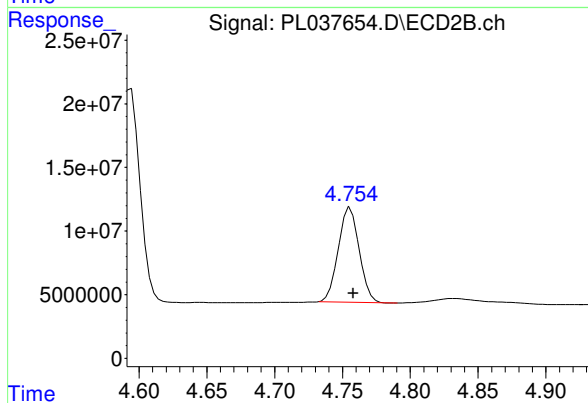
#5 Aldrin

R.T.: 5.408 min  
Delta R.T.: -0.003 min  
Response: 160558623  
Conc: 51.18 ng/ml



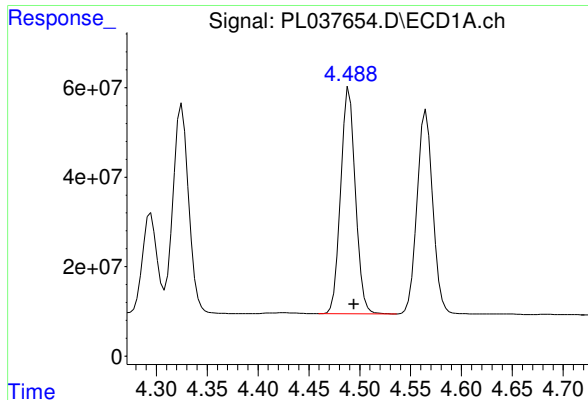
#6 beta-BHC

R.T.: 4.295 min  
Delta R.T.: -0.004 min  
Response: 220809618  
Conc: 48.41 ng/ml



#6 beta-BHC

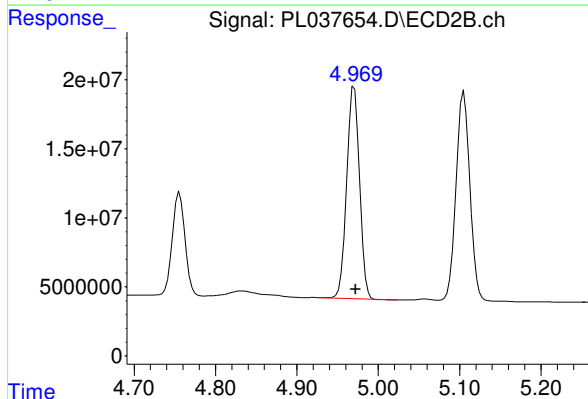
R.T.: 4.756 min  
Delta R.T.: -0.002 min  
Response: 79900989  
Conc: 49.55 ng/ml



#7 delta-BHC

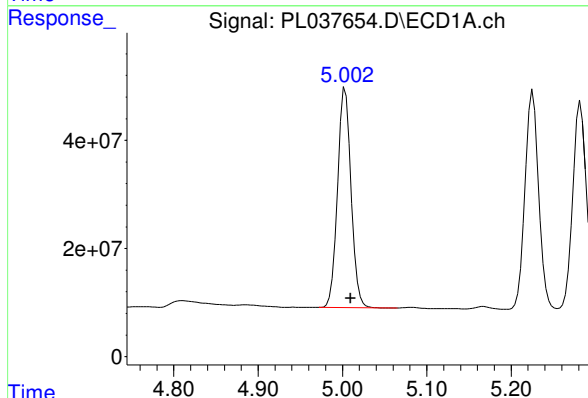
R.T.: 4.490 min  
Delta R.T.: -0.005 min  
Response: 508857485  
Conc: 48.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



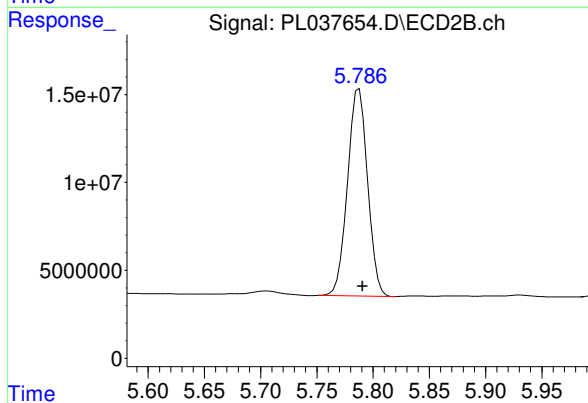
#7 delta-BHC

R.T.: 4.970 min  
Delta R.T.: -0.001 min  
Response: 168003776  
Conc: 59.57 ng/ml



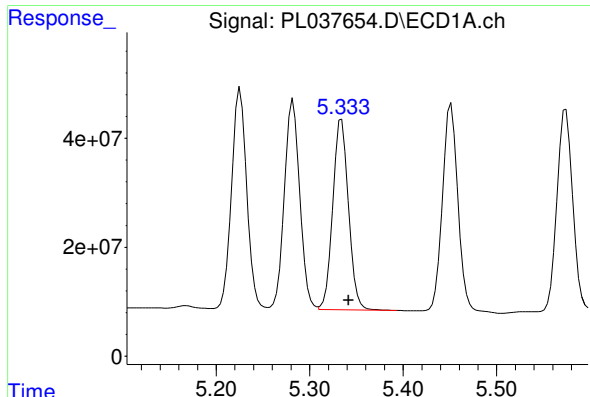
#8 Heptachlor epoxide

R.T.: 5.003 min  
Delta R.T.: -0.006 min  
Response: 452461511  
Conc: 48.30 ng/ml



#8 Heptachlor epoxide

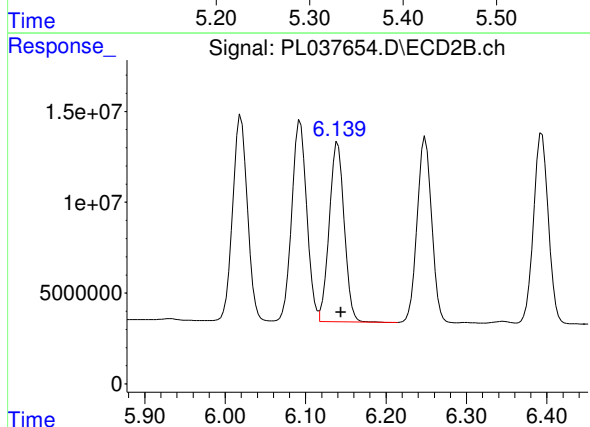
R.T.: 5.788 min  
Delta R.T.: -0.003 min  
Response: 146195016  
Conc: 51.28 ng/ml



#9 Endosulfan I

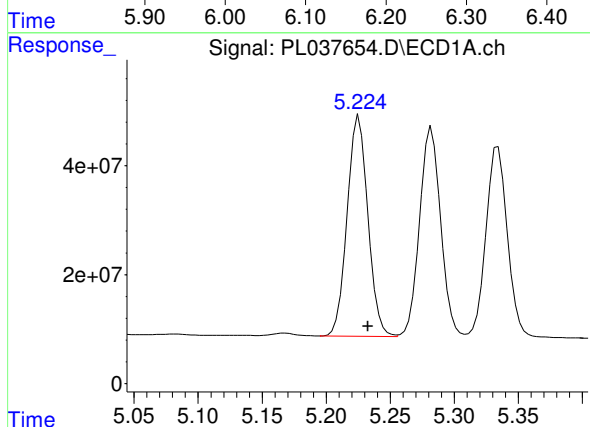
R.T.: 5.334 min  
Delta R.T.: -0.007 min  
Response: 407606526  
Conc: 48.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



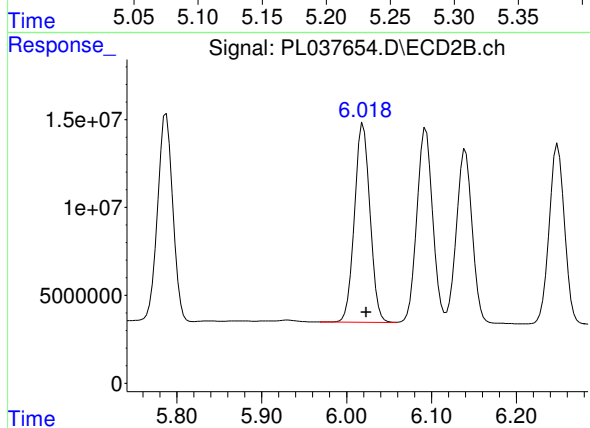
#9 Endosulfan I

R.T.: 6.140 min  
Delta R.T.: -0.004 min  
Response: 127857210  
Conc: 49.85 ng/ml



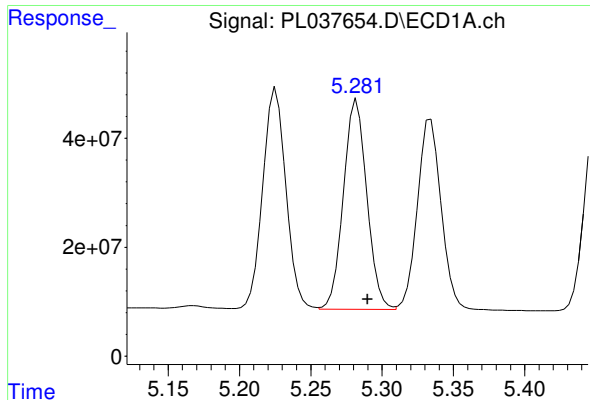
#10 gamma-Chlordane

R.T.: 5.226 min  
Delta R.T.: -0.007 min  
Response: 455719234  
Conc: 48.66 ng/ml



#10 gamma-Chlordane

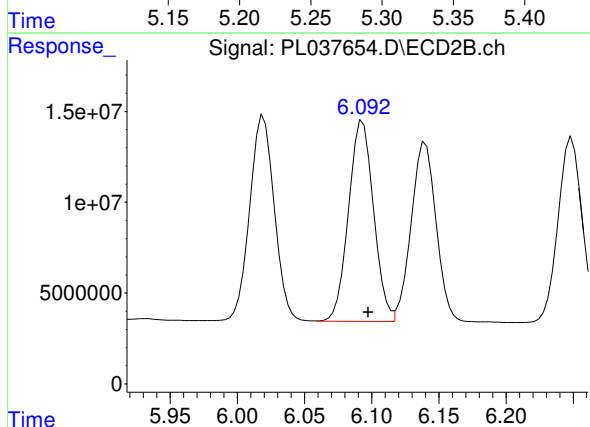
R.T.: 6.020 min  
Delta R.T.: -0.003 min  
Response: 143831769  
Conc: 51.07 ng/ml



#11 alpha-Chlordane

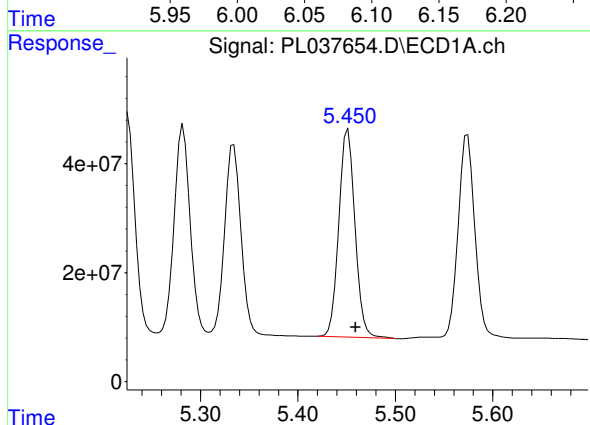
R.T.: 5.282 min  
Delta R.T.: -0.008 min  
Response: 440516825  
Conc: 48.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



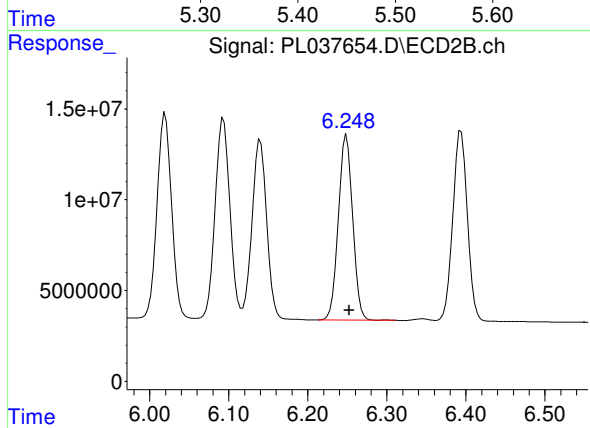
#11 alpha-Chlordane

R.T.: 6.093 min  
Delta R.T.: -0.004 min  
Response: 143445850  
Conc: 49.84 ng/ml



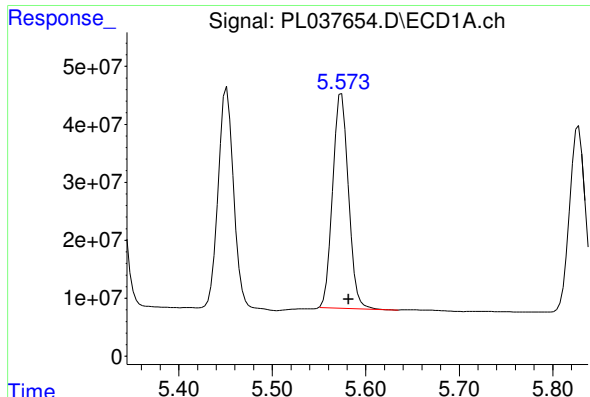
#12 4,4'-DDE

R.T.: 5.451 min  
Delta R.T.: -0.008 min  
Response: 438355835  
Conc: 49.63 ng/ml



#12 4,4'-DDE

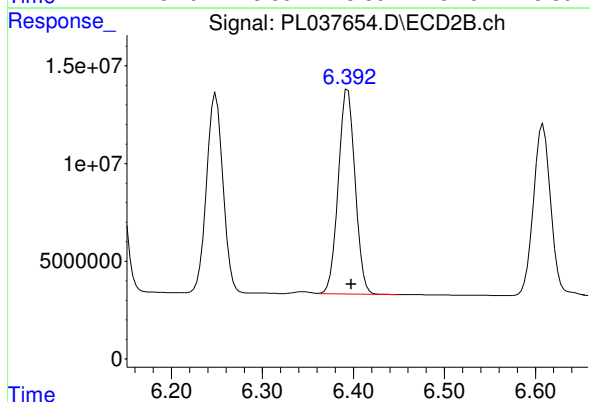
R.T.: 6.249 min  
Delta R.T.: -0.003 min  
Response: 128193631  
Conc: 50.38 ng/ml



#13 Dieldrin

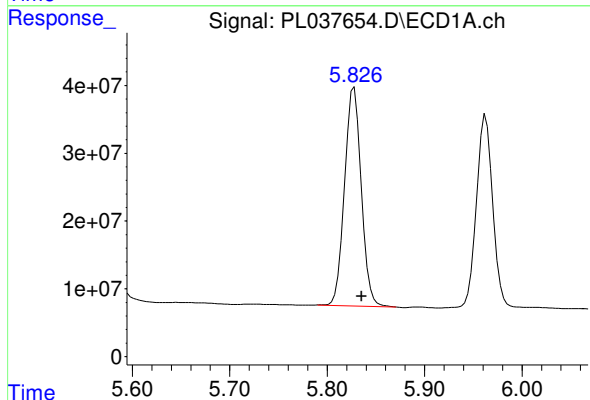
R.T.: 5.574 min  
Delta R.T.: -0.007 min  
Response: 434410429  
Conc: 49.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



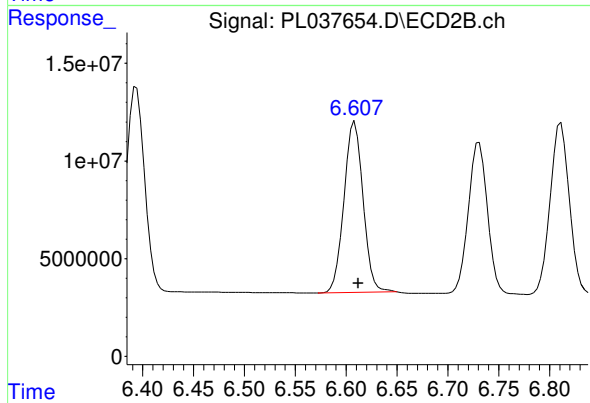
#13 Dieldrin

R.T.: 6.394 min  
Delta R.T.: -0.004 min  
Response: 134185783  
Conc: 50.27 ng/ml



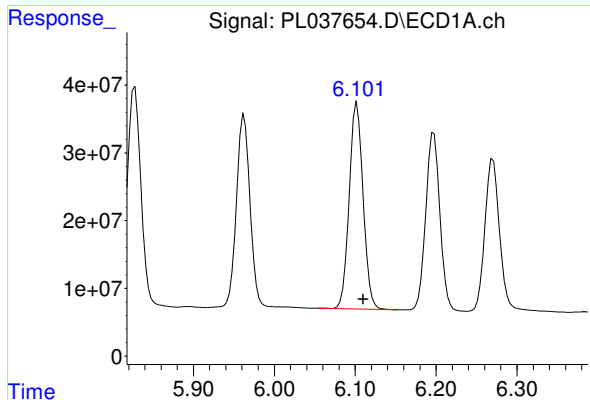
#14 Endrin

R.T.: 5.828 min  
Delta R.T.: -0.007 min  
Response: 384261977  
Conc: 48.78 ng/ml



#14 Endrin

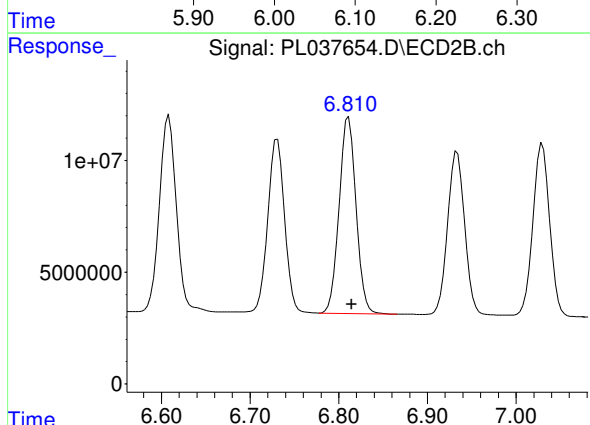
R.T.: 6.608 min  
Delta R.T.: -0.003 min  
Response: 114294139  
Conc: 49.71 ng/ml



#15 Endosulfan II

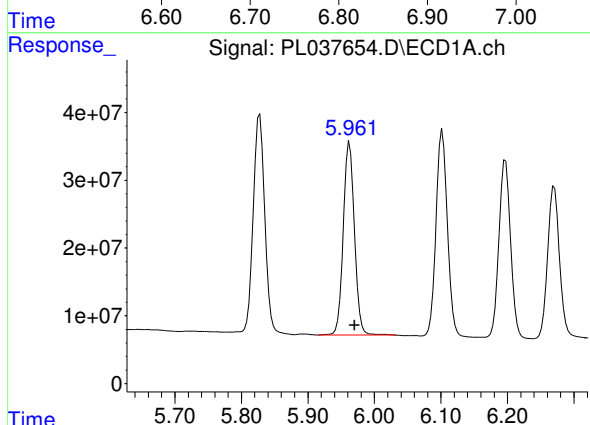
R.T.: 6.102 min  
Delta R.T.: -0.007 min  
Response: 362920081  
Conc: 49.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



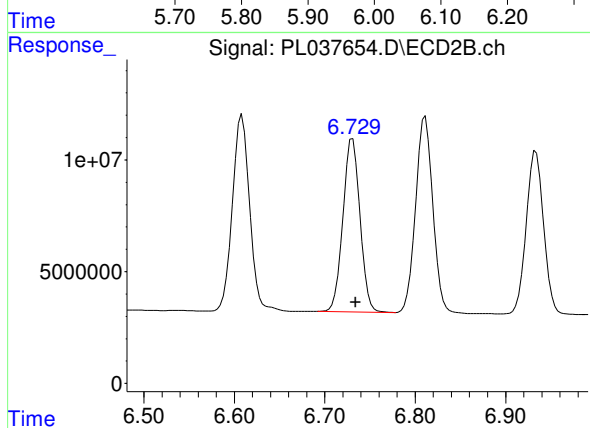
#15 Endosulfan II

R.T.: 6.811 min  
Delta R.T.: -0.003 min  
Response: 116611126  
Conc: 47.02 ng/ml



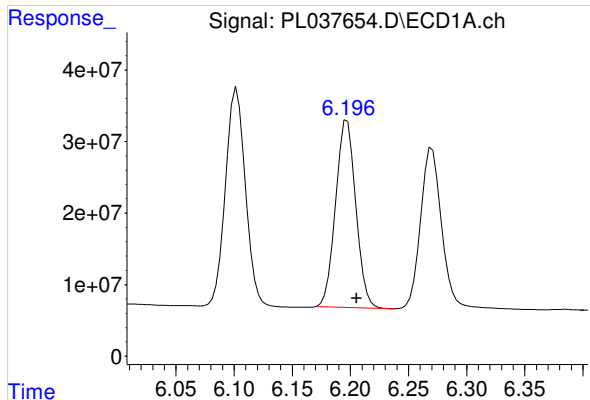
#16 4,4'-DDD

R.T.: 5.963 min  
Delta R.T.: -0.007 min  
Response: 333946823  
Conc: 50.85 ng/ml



#16 4,4'-DDD

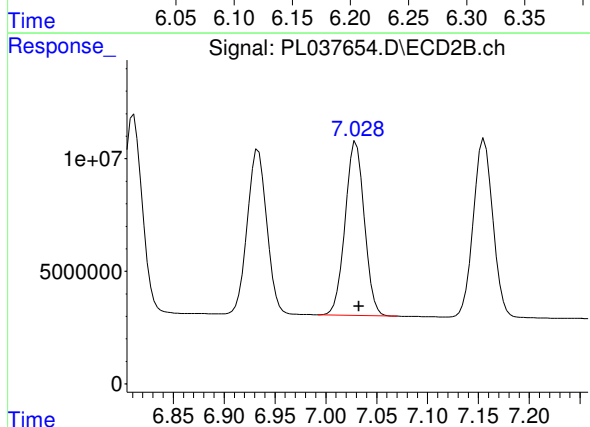
R.T.: 6.731 min  
Delta R.T.: -0.003 min  
Response: 101614130  
Conc: 49.50 ng/ml



#17 4,4'-DDT

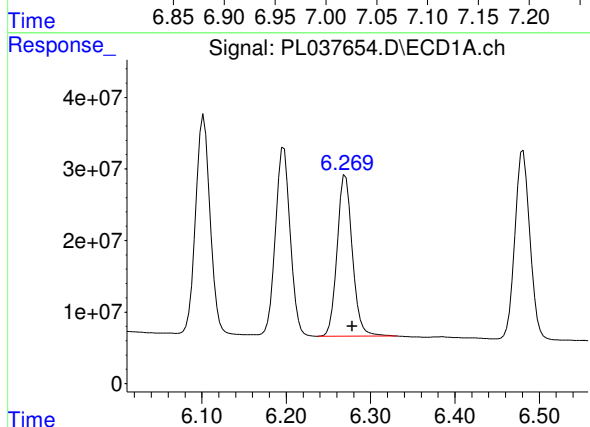
R.T.: 6.197 min  
Delta R.T.: -0.008 min  
Response: 31530016  
Conc: 48.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



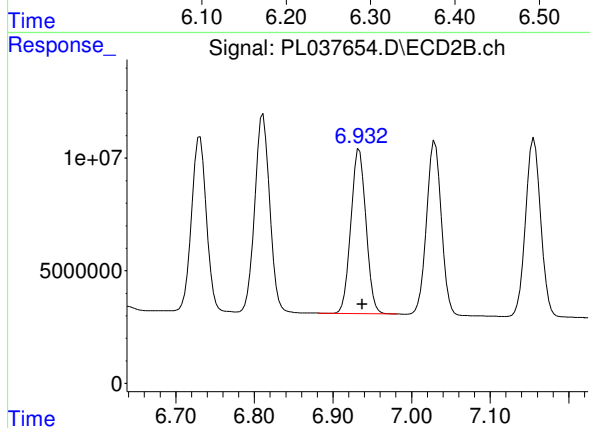
#17 4,4'-DDT

R.T.: 7.030 min  
Delta R.T.: -0.003 min  
Response: 101199995  
Conc: 47.78 ng/ml



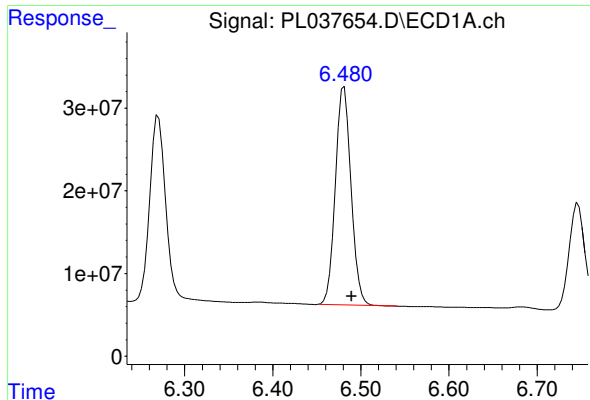
#18 Endrin aldehyde

R.T.: 6.270 min  
Delta R.T.: -0.008 min  
Response: 282688034  
Conc: 50.62 ng/ml



#18 Endrin aldehyde

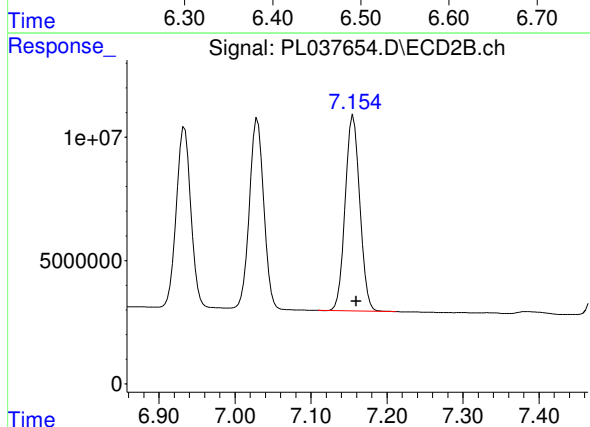
R.T.: 6.934 min  
Delta R.T.: -0.004 min  
Response: 97312662  
Conc: 48.36 ng/ml



#19 Endosulfan Sulfate

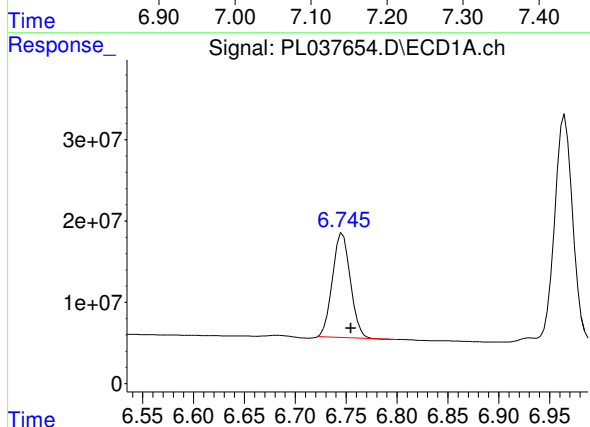
R.T.: 6.481 min  
Delta R.T.: -0.008 min  
Response: 325576604  
Conc: 48.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



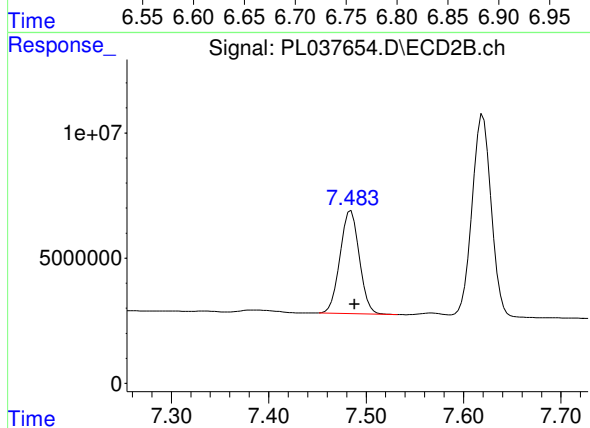
#19 Endosulfan Sulfate

R.T.: 7.156 min  
Delta R.T.: -0.004 min  
Response: 106046834  
Conc: 48.72 ng/ml



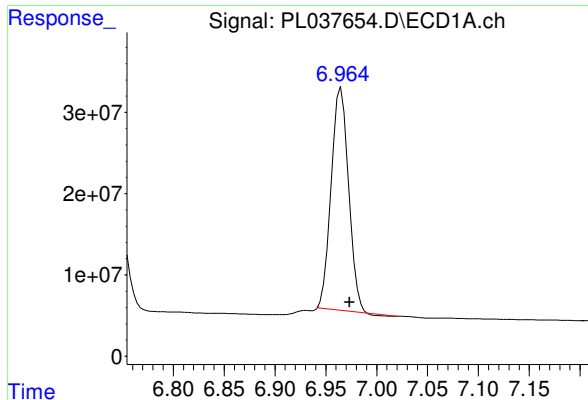
#20 Methoxychlor

R.T.: 6.746 min  
Delta R.T.: -0.008 min  
Response: 157130485  
Conc: 46.23 ng/ml



#20 Methoxychlor

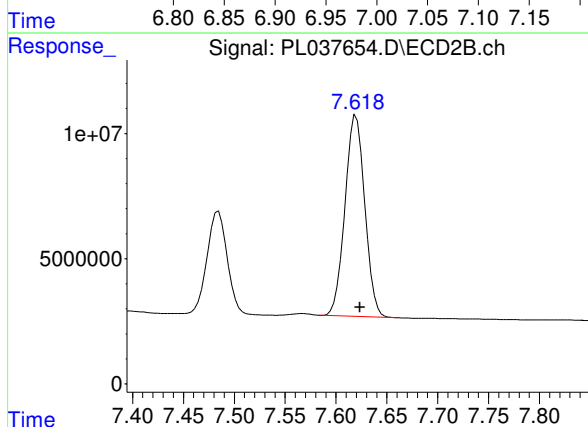
R.T.: 7.485 min  
Delta R.T.: -0.003 min  
Response: 56413045  
Conc: 50.40 ng/ml



#21 Endrin ketone

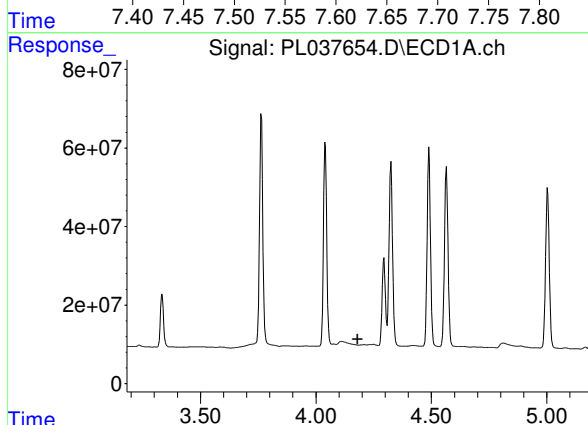
R.T.: 6.965 min  
Delta R.T.: -0.009 min  
Response: 323522815  
Conc: 45.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



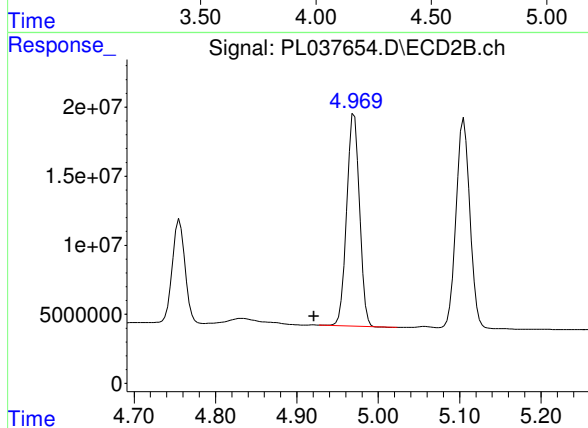
#21 Endrin ketone

R.T.: 7.620 min  
Delta R.T.: -0.003 min  
Response: 108719036  
Conc: 53.57 ng/ml



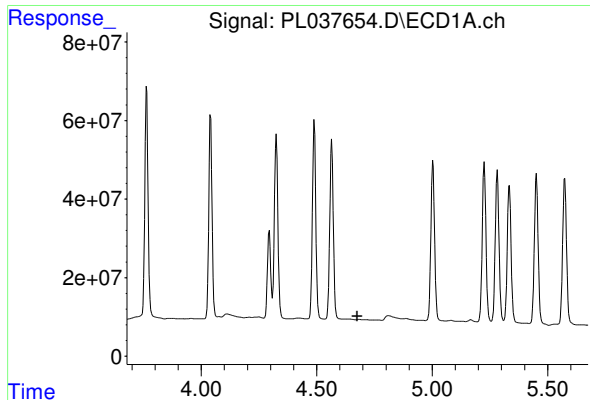
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.181 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

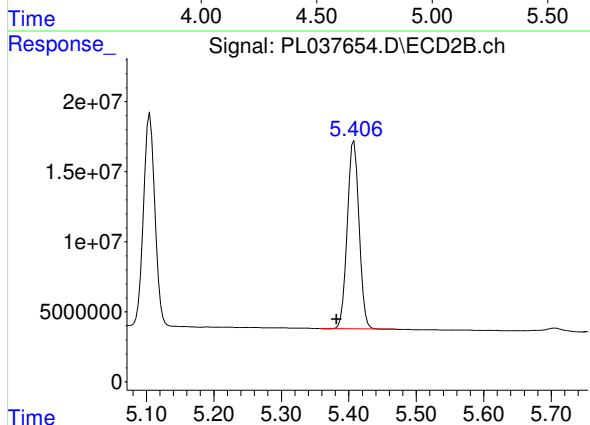
R.T.: 4.970 min  
Delta R.T.: 0.050 min  
Response: 168003776  
Conc: 1398.16 ng/ml



#24 Chlordane-2

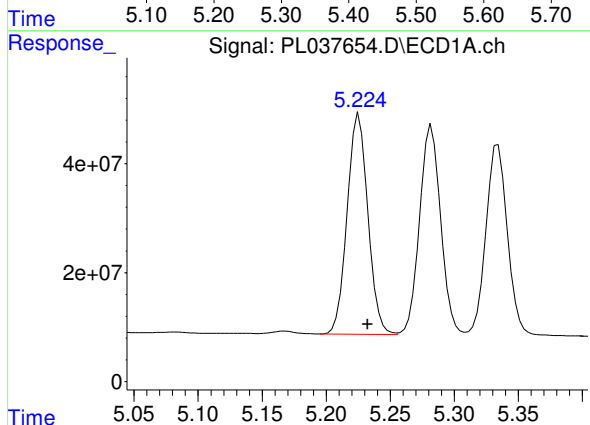
R.T.: 0.000 min  
Exp R.T.: 4.676 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



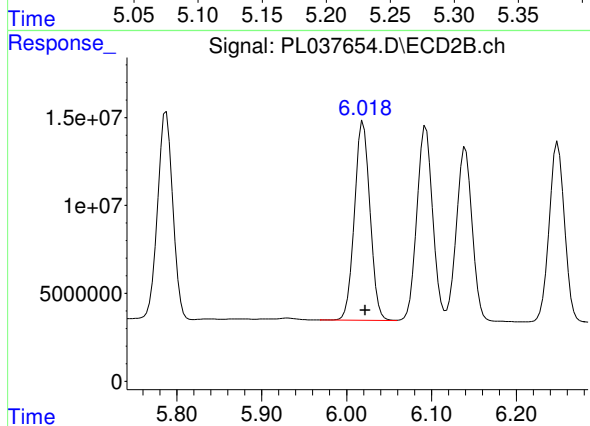
#24 Chlordane-2

R.T.: 5.408 min  
Delta R.T.: 0.026 min  
Response: 160558623  
Conc: 1268.73 ng/ml



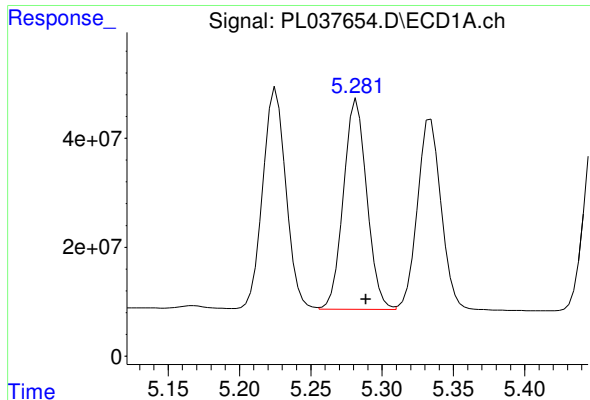
#25 Chlordane-3

R.T.: 5.226 min  
Delta R.T.: -0.007 min  
Response: 455719234  
Conc: 428.74 ng/ml



#25 Chlordane-3

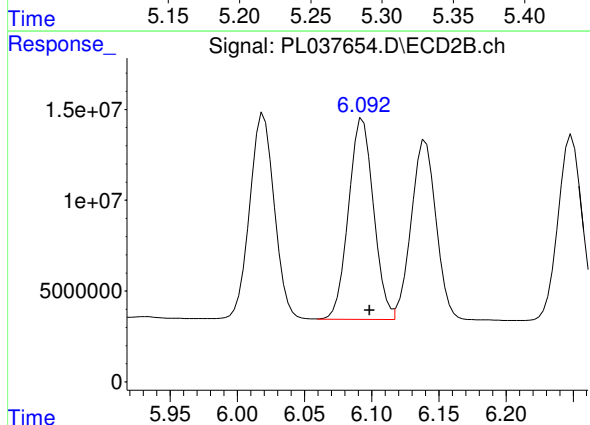
R.T.: 6.020 min  
Delta R.T.: -0.003 min  
Response: 143831769  
Conc: 367.78 ng/ml



#26 Chlordane-4

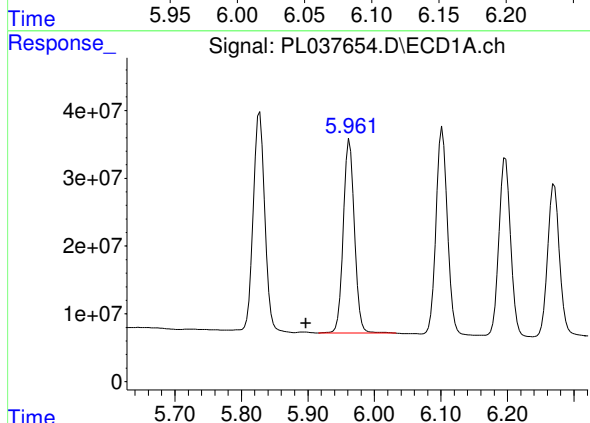
R.T.: 5.282 min  
Delta R.T.: -0.006 min  
Response: 440516825  
Conc: 457.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



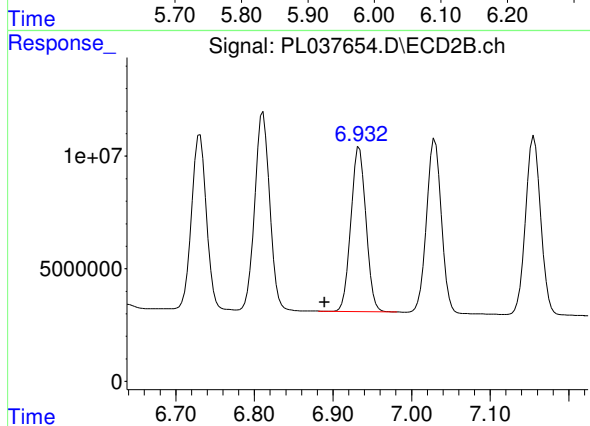
#26 Chlordane-4

R.T.: 6.093 min  
Delta R.T.: -0.005 min  
Response: 143445850  
Conc: 299.35 ng/ml



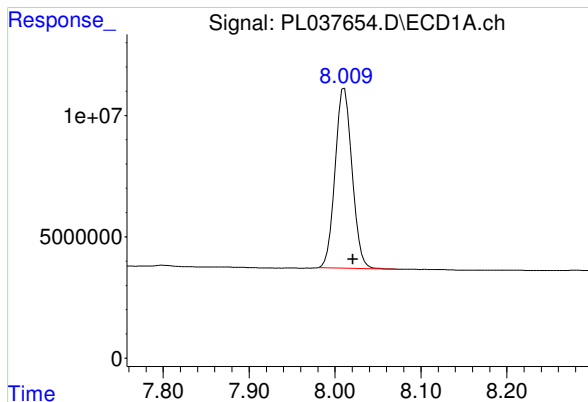
#27 Chlordane-5

R.T.: 5.963 min  
Delta R.T.: 0.066 min  
Response: 333946823  
Conc: 2551.78 ng/ml



#27 Chlordane-5

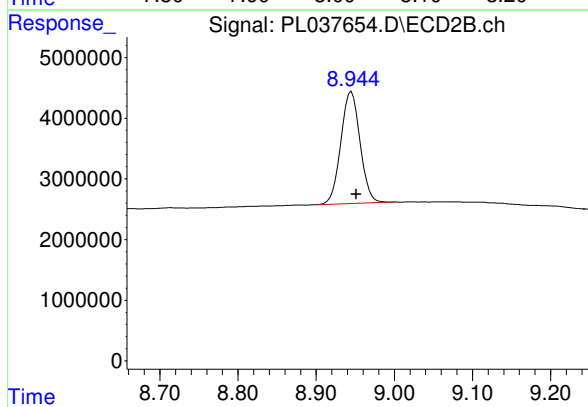
R.T.: 6.934 min  
Delta R.T.: 0.045 min  
Response: 97312662  
Conc: 1081.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.011 min  
Delta R.T.: -0.010 min  
Response: 101275908  
Conc: 16.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.945 min  
Delta R.T.: -0.006 min  
Response: 31534851  
Conc: 15.90 ng/ml