

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031519\  
 Data File : PL046027.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Mar 2019 02:11  
 Operator : AJ\SJ  
 Sample : K1897-04MS  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-1MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 16 05:41:15 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 27 17:00:03 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... | 3.369 | 3.981  | 125.6E6 | 39455567 | 18.260   | 18.424     |
| 28)                         | SA Decachlor... | 8.053 | 9.045  | 154.6E6 | 44887192 | 18.474   | 19.645     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.800 | 4.372  | 591.5E6 | 165.7E6  | 53.255   | 54.530     |
| 3)                          | MA gamma-BHC... | 4.077 | 4.657  | 553.4E6 | 150.1E6  | 54.755   | 53.145     |
| 4)                          | MA Heptachlor   | 4.365 | 5.164  | 581.6E6 | 157.3E6  | 55.121   | 52.859     |
| 5)                          | MB Aldrin       | 4.606 | 5.469  | 536.4E6 | 147.0E6  | 55.150   | 54.414     |
| 6)                          | B beta-BHC      | 4.331 | 4.829  | 225.5E6 | 66667033 | 52.616   | 52.496     |
| 7)                          | B delta-BHC     | 4.527 | 5.046  | 550.3E6 | 121.5E6  | 57.574   | 56.489     |
| 8)                          | B Heptachlor... | 5.044 | 5.855  | 517.0E6 | 124.1E6  | 55.389   | 51.657     |
| 9)                          | A Endosulfan I  | 5.376 | 6.212  | 485.0E6 | 133.7E6  | 54.259   | 53.687     |
| 10)                         | B gamma-Chl...  | 5.267 | 6.090  | 545.1E6 | 143.6E6  | 55.696   | 53.523     |
| 11)                         | B alpha-Chl...  | 5.323 | 6.162  | 535.4E6 | 142.8E6  | 55.214   | 52.942     |
| 12)                         | B 4,4'-DDE      | 5.491 | 6.320  | 479.3E6 | 129.4E6  | 54.606   | 55.404     |
| 13)                         | MA Dieldrin     | 5.616 | 6.469  | 554.4E6 | 143.5E6  | 57.999   | 55.823     |
| 14)                         | MA Endrin       | 5.870 | 6.686  | 482.6E6 | 116.6E6  | 53.584   | 51.252     |
| 15)                         | B Endosulfa...  | 6.144 | 6.897  | 482.8E6 | 128.0E6  | 55.698   | 54.418     |
| 16)                         | A 4,4'-DDD      | 6.003 | 6.811  | 432.4E6 | 112.2E6  | 59.053   | 58.340     |
| 17)                         | MA 4,4'-DDT     | 6.238 | 7.110  | 397.6E6 | 101.7E6  | 53.014   | 51.520     |
| 18)                         | B Endrin al...  | 6.312 | 7.021  | 396.7E6 | 107.1E6  | 54.267   | 52.384     |
| 19)                         | B Endosulfa...  | 6.523 | 7.244  | 443.1E6 | 119.5E6  | 54.513   | 53.114     |
| 20)                         | A Methoxychlor  | 6.784 | 7.568  | 208.3E6 | 57916144 | 47.431   | 47.185     |
| 21)                         | B Endrin ke...  | 7.006 | 7.714  | 525.9E6 | 133.4E6  | 57.089   | 56.104     |
| 22)                         | Mirex           | 7.183 | 8.167  | 367.8E6 | 101.6E6  | 49.437   | 51.019     |
| 24)                         | Chlordane-2     | 0.000 | 5.469f | 0       | 147.0E6  | N.D.     | 1216.329 # |
| 25)                         | Chlordane-3     | 5.267 | 6.090  | 545.1E6 | 143.6E6  | 475.228  | 368.554    |
| 26)                         | Chlordane-4     | 5.323 | 6.162  | 535.4E6 | 142.8E6  | 505.075  | 305.288 #  |
| 27)                         | Chlordane-5     | 6.144 | 0.000  | 482.8E6 | 0        | 1398.071 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

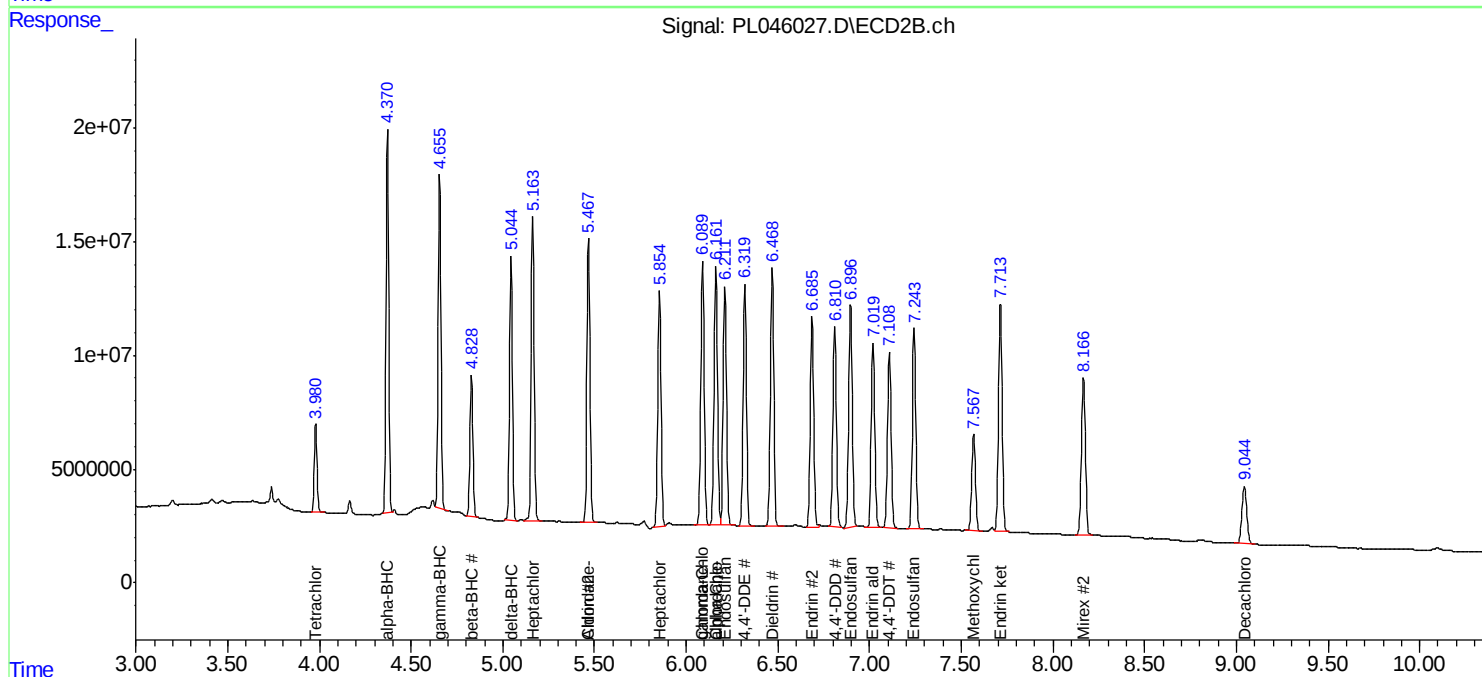
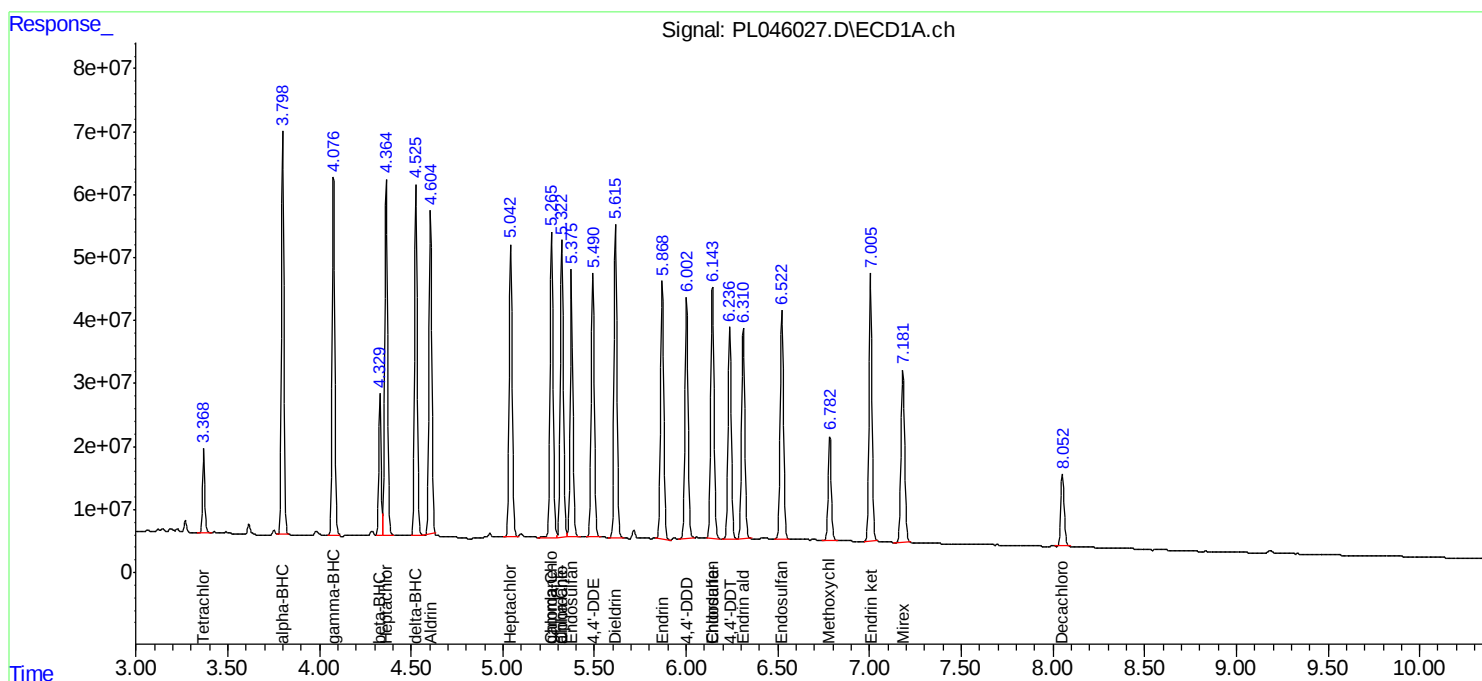
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

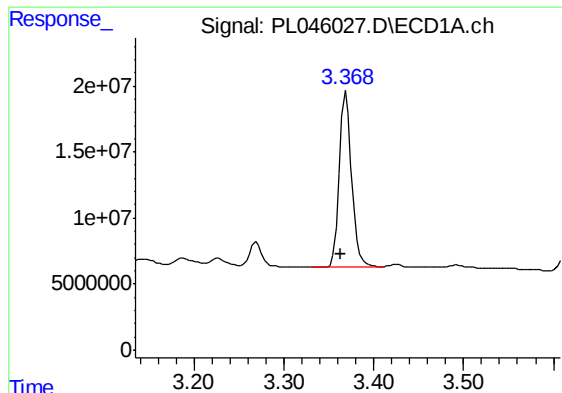
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031519\  
 Data File : PL046027.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Mar 2019 02:11  
 Operator : AJ\SJ  
 Sample : K1897-04MS  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-1MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 16 05:41:15 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 27 17:00:03 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

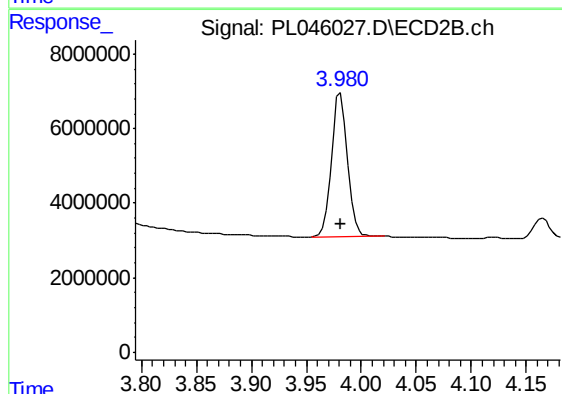




#1 Tetrachloro-m-xylene

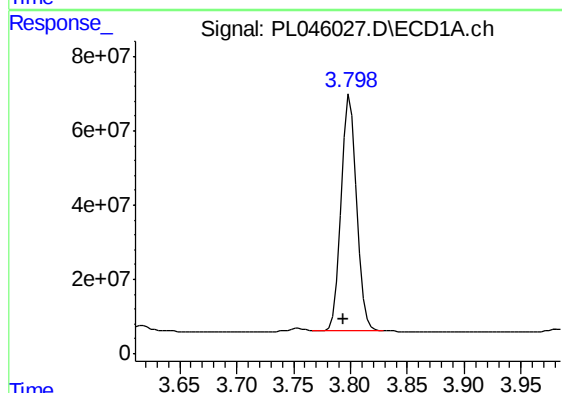
R.T.: 3.369 min  
Delta R.T.: 0.006 min  
Response: 125618740  
Conc: 18.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS



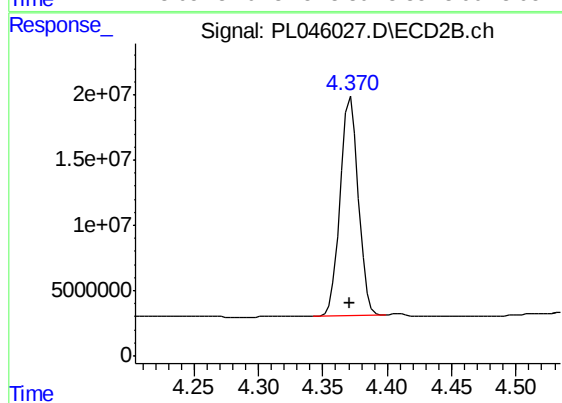
#1 Tetrachloro-m-xylene

R.T.: 3.981 min  
Delta R.T.: 0.000 min  
Response: 39455567  
Conc: 18.42 ng/ml



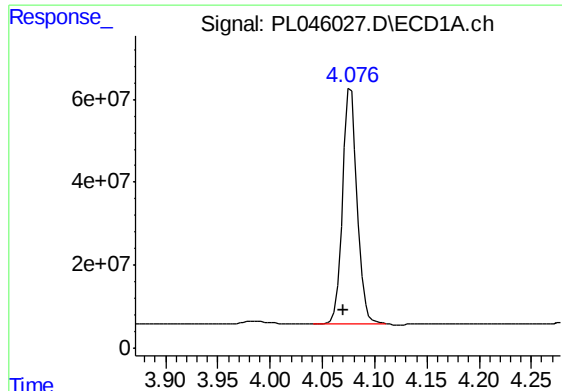
#2 alpha-BHC

R.T.: 3.800 min  
Delta R.T.: 0.006 min  
Response: 591523081  
Conc: 53.26 ng/ml



#2 alpha-BHC

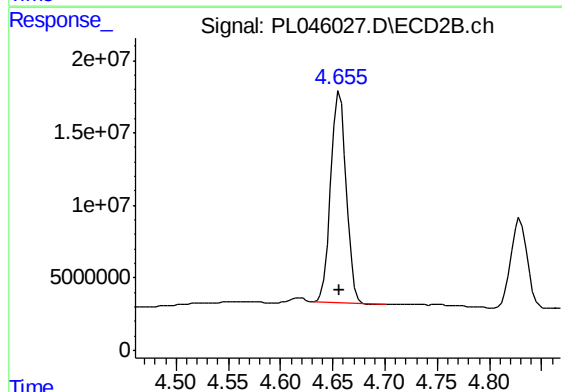
R.T.: 4.372 min  
Delta R.T.: 0.000 min  
Response: 165698016  
Conc: 54.53 ng/ml



#3 gamma-BHC (Lindane)

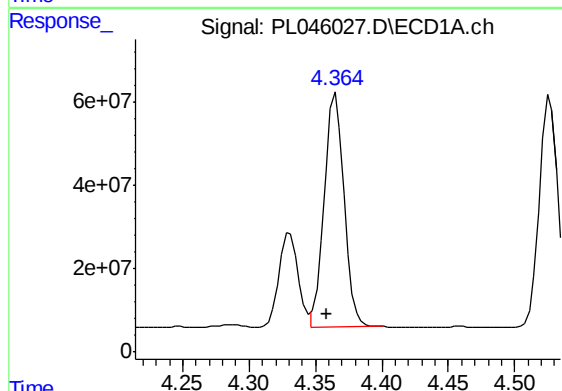
R.T.: 4.077 min  
Delta R.T.: 0.007 min  
Response: 553413060  
Conc: 54.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS



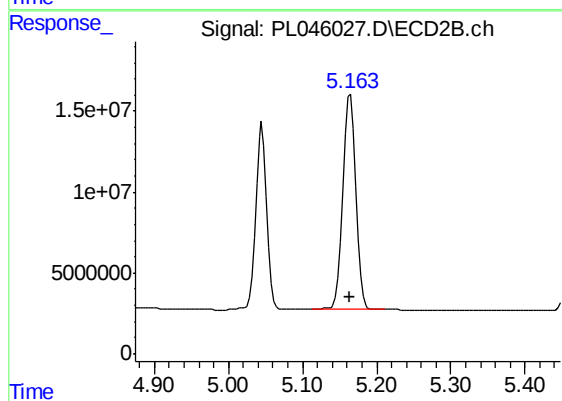
#3 gamma-BHC (Lindane)

R.T.: 4.657 min  
Delta R.T.: 0.000 min  
Response: 150113391  
Conc: 53.14 ng/ml



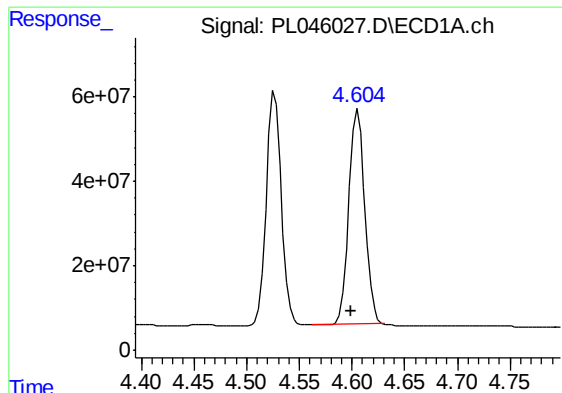
#4 Heptachlor

R.T.: 4.365 min  
Delta R.T.: 0.007 min  
Response: 581646283  
Conc: 55.12 ng/ml



#4 Heptachlor

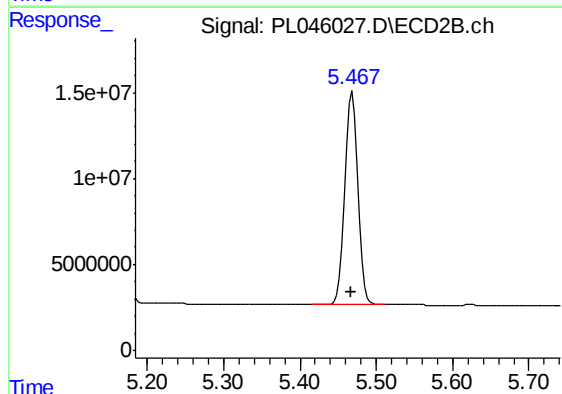
R.T.: 5.164 min  
Delta R.T.: 0.001 min  
Response: 157253680  
Conc: 52.86 ng/ml



#5 Aldrin

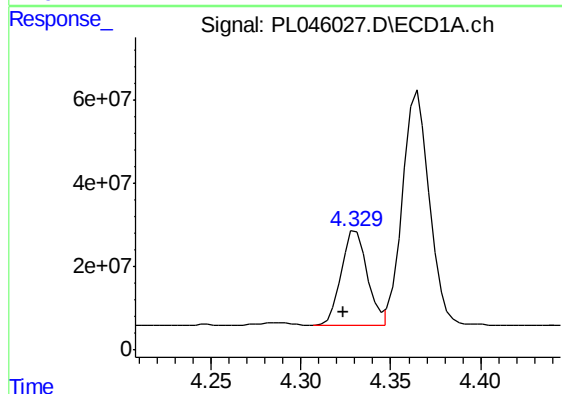
R.T.: 4.606 min  
Delta R.T.: 0.007 min  
Response: 536413933  
Conc: 55.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS



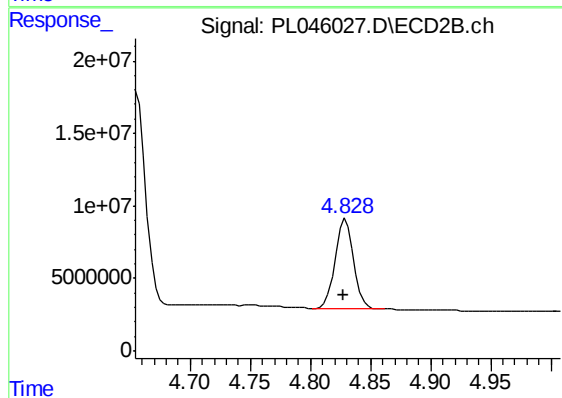
#5 Aldrin

R.T.: 5.469 min  
Delta R.T.: 0.001 min  
Response: 146969227  
Conc: 54.41 ng/ml



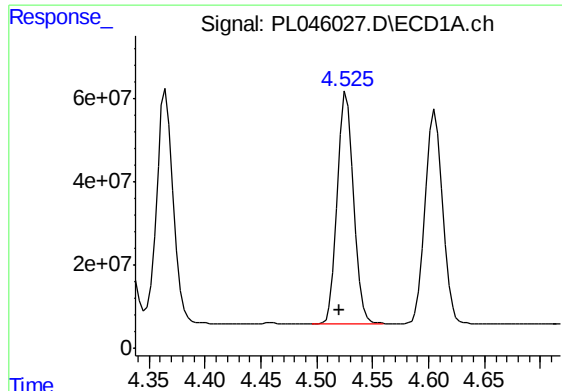
#6 beta-BHC

R.T.: 4.331 min  
Delta R.T.: 0.007 min  
Response: 225513748  
Conc: 52.62 ng/ml



#6 beta-BHC

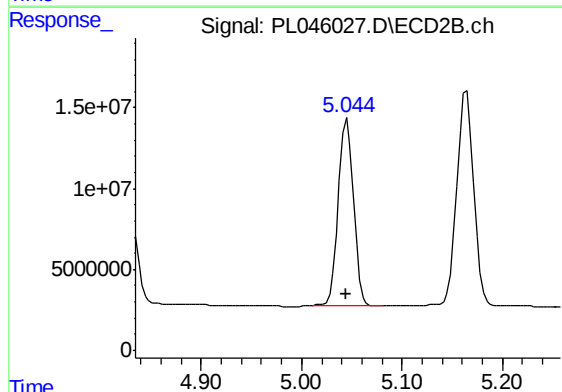
R.T.: 4.829 min  
Delta R.T.: 0.002 min  
Response: 66667033  
Conc: 52.50 ng/ml



#7 delta-BHC

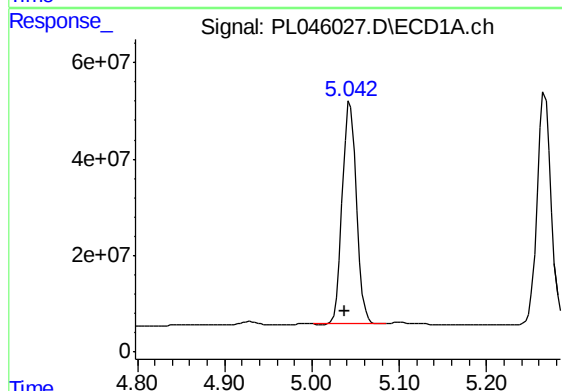
R.T.: 4.527 min  
Delta R.T.: 0.007 min  
Response: 550285674  
Conc: 57.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS



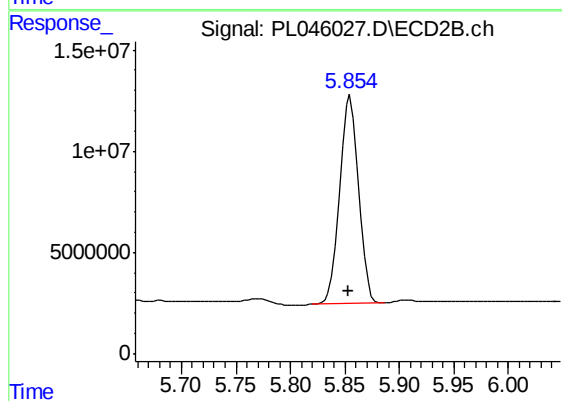
#7 delta-BHC

R.T.: 5.046 min  
Delta R.T.: 0.002 min  
Response: 121501557  
Conc: 56.49 ng/ml



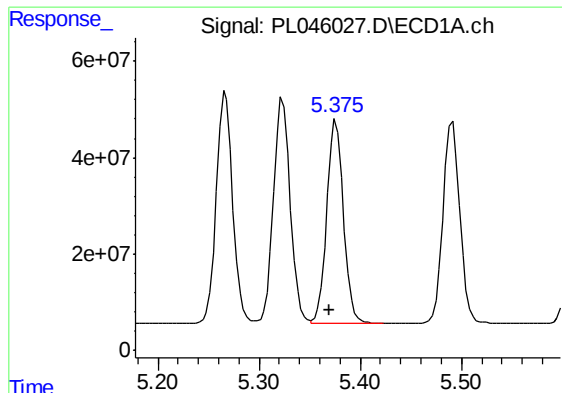
#8 Heptachlor epoxide

R.T.: 5.044 min  
Delta R.T.: 0.007 min  
Response: 516953437  
Conc: 55.39 ng/ml



#8 Heptachlor epoxide

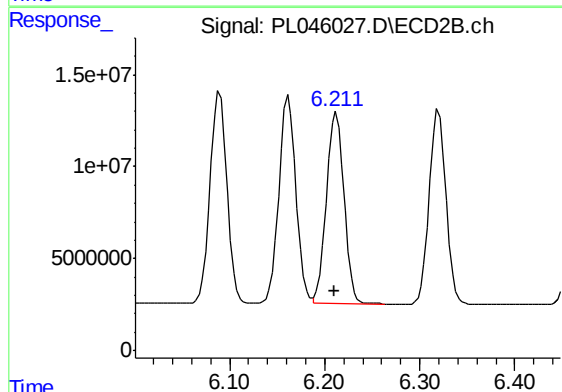
R.T.: 5.855 min  
Delta R.T.: 0.002 min  
Response: 124077884  
Conc: 51.66 ng/ml



#9 Endosulfan I

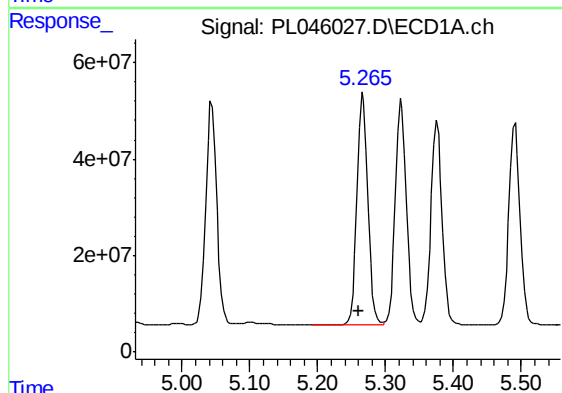
R.T.: 5.376 min  
Delta R.T.: 0.007 min  
Response: 484983853  
Conc: 54.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS



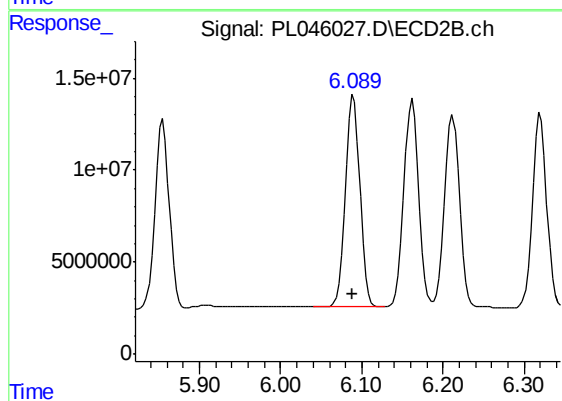
#9 Endosulfan I

R.T.: 6.212 min  
Delta R.T.: 0.002 min  
Response: 133696107  
Conc: 53.69 ng/ml



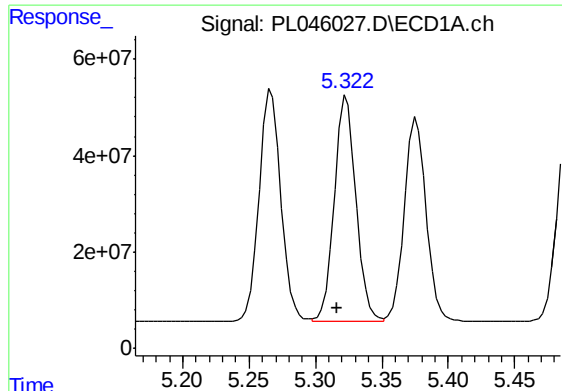
#10 gamma-Chlordane

R.T.: 5.267 min  
Delta R.T.: 0.006 min  
Response: 545096805  
Conc: 55.70 ng/ml



#10 gamma-Chlordane

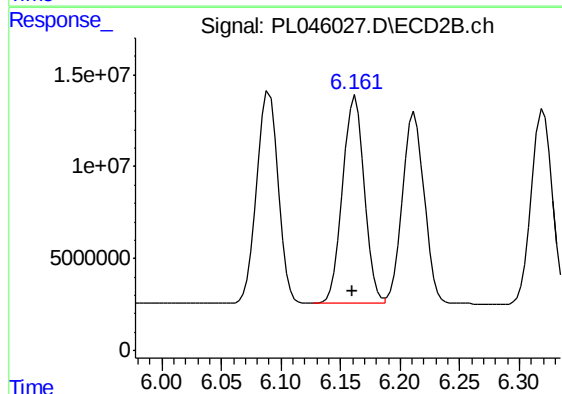
R.T.: 6.090 min  
Delta R.T.: 0.002 min  
Response: 143599604  
Conc: 53.52 ng/ml



#11 alpha-Chlordane

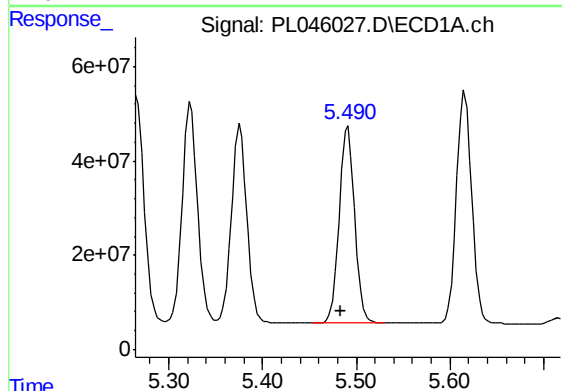
R.T.: 5.323 min  
Delta R.T.: 0.007 min  
Response: 535406656  
Conc: 55.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS



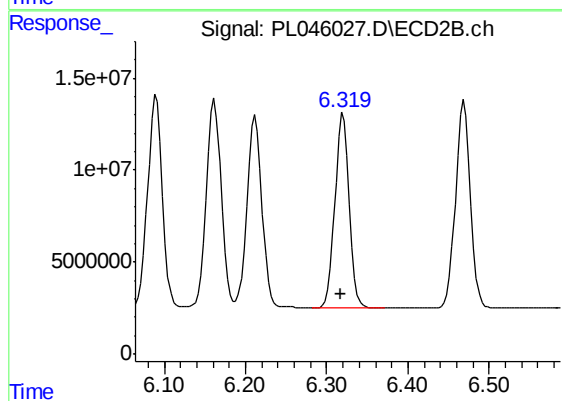
#11 alpha-Chlordane

R.T.: 6.162 min  
Delta R.T.: 0.002 min  
Response: 142821620  
Conc: 52.94 ng/ml



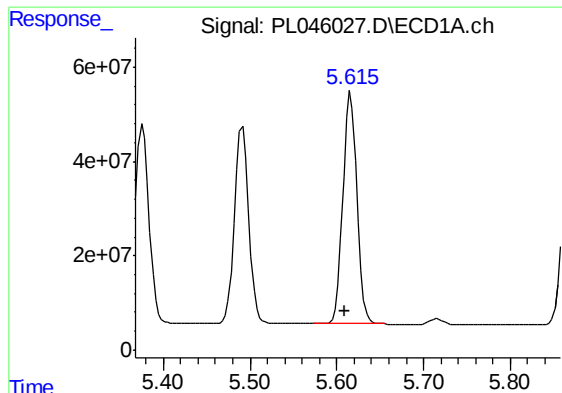
#12 4,4'-DDE

R.T.: 5.491 min  
Delta R.T.: 0.007 min  
Response: 479339216  
Conc: 54.61 ng/ml



#12 4,4'-DDE

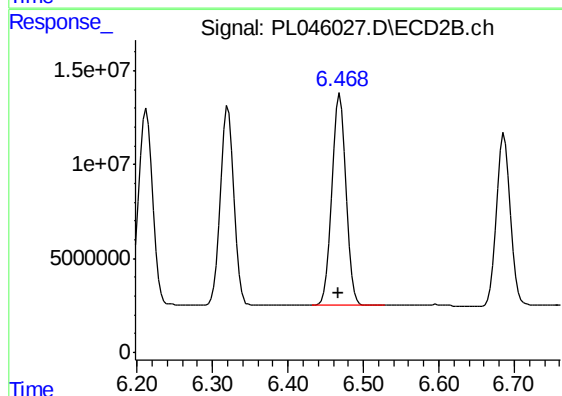
R.T.: 6.320 min  
Delta R.T.: 0.002 min  
Response: 129419086  
Conc: 55.40 ng/ml



#13 Dieldrin

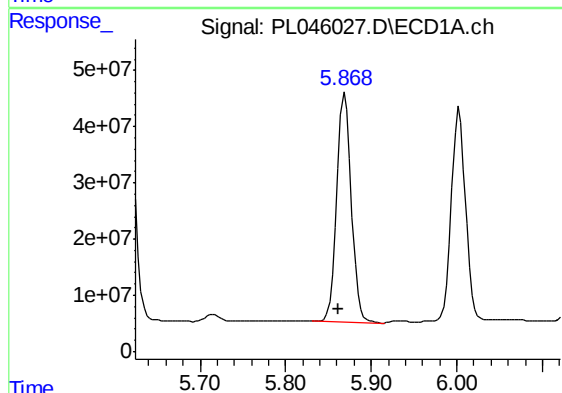
R.T.: 5.616 min  
Delta R.T.: 0.007 min  
Response: 554354075  
Conc: 58.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS



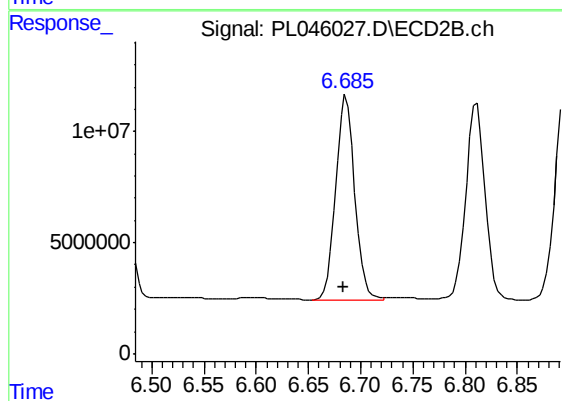
#13 Dieldrin

R.T.: 6.469 min  
Delta R.T.: 0.002 min  
Response: 143451317  
Conc: 55.82 ng/ml



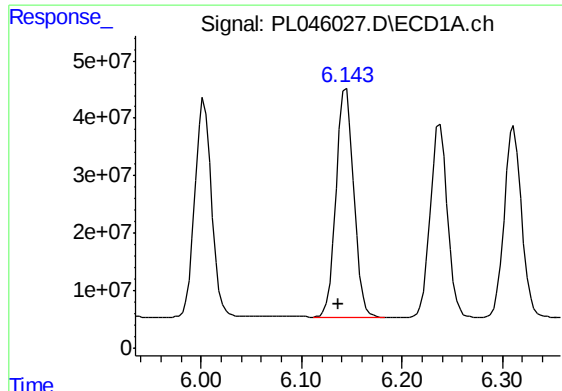
#14 Endrin

R.T.: 5.870 min  
Delta R.T.: 0.007 min  
Response: 482564392  
Conc: 53.58 ng/ml



#14 Endrin

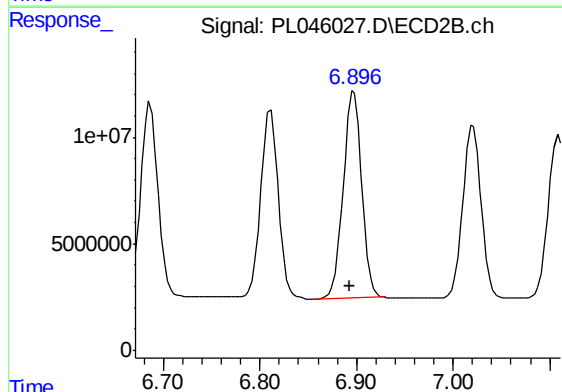
R.T.: 6.686 min  
Delta R.T.: 0.002 min  
Response: 116612471  
Conc: 51.25 ng/ml



#15 Endosulfan II

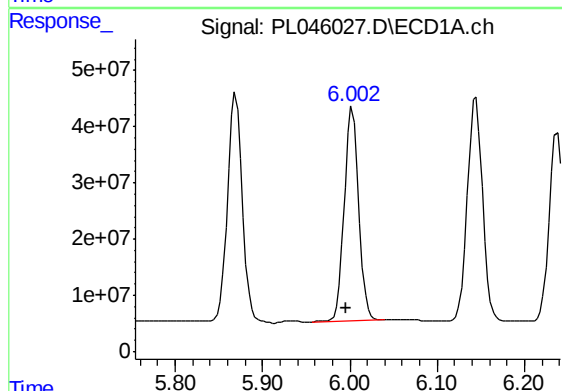
R.T.: 6.144 min  
Delta R.T.: 0.008 min  
Response: 482819040  
Conc: 55.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS



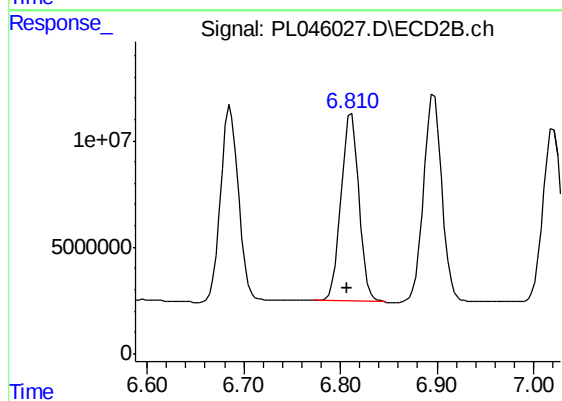
#15 Endosulfan II

R.T.: 6.897 min  
Delta R.T.: 0.004 min  
Response: 127971616  
Conc: 54.42 ng/ml



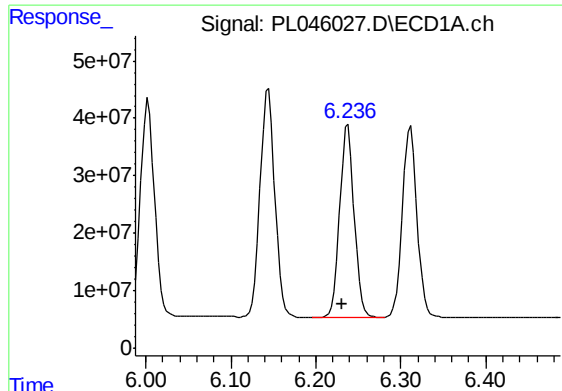
#16 4,4'-DDD

R.T.: 6.003 min  
Delta R.T.: 0.007 min  
Response: 432372675  
Conc: 59.05 ng/ml



#16 4,4'-DDD

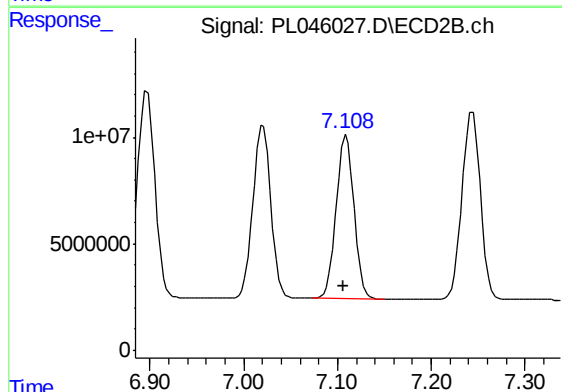
R.T.: 6.811 min  
Delta R.T.: 0.003 min  
Response: 112193785  
Conc: 58.34 ng/ml



#17 4,4'-DDT

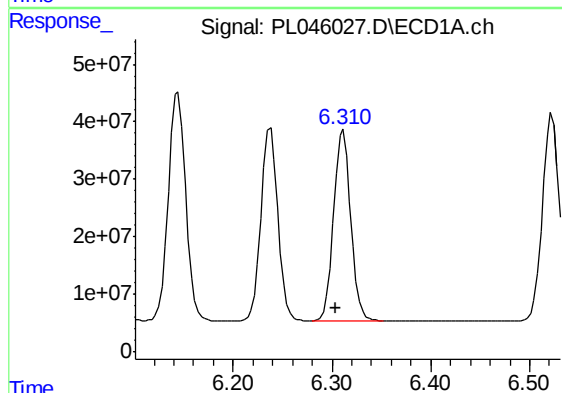
R.T.: 6.238 min  
Delta R.T.: 0.007 min  
Response: 397612179  
Conc: 53.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS



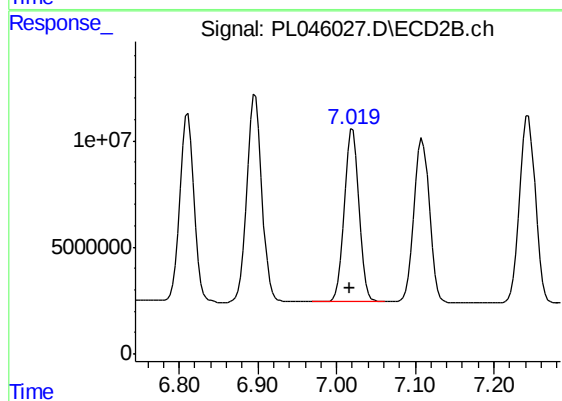
#17 4,4'-DDT

R.T.: 7.110 min  
Delta R.T.: 0.004 min  
Response: 101671465  
Conc: 51.52 ng/ml



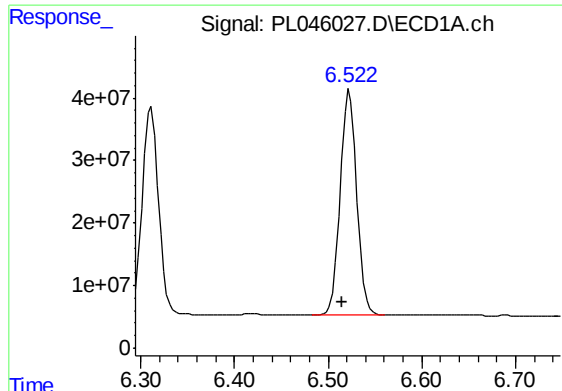
#18 Endrin aldehyde

R.T.: 6.312 min  
Delta R.T.: 0.008 min  
Response: 396671697  
Conc: 54.27 ng/ml



#18 Endrin aldehyde

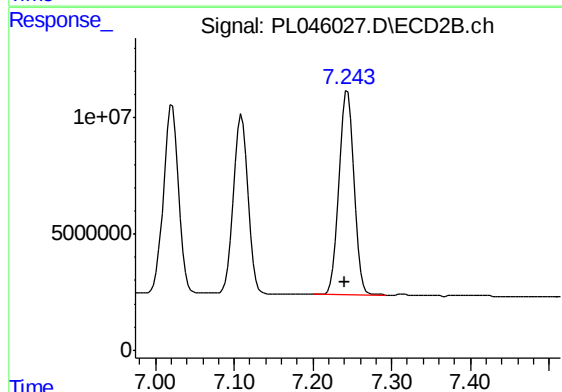
R.T.: 7.021 min  
Delta R.T.: 0.003 min  
Response: 107083503  
Conc: 52.38 ng/ml



#19 Endosulfan Sulfate

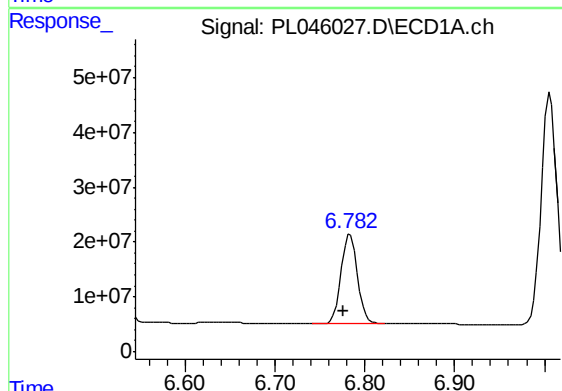
R.T.: 6.523 min  
Delta R.T.: 0.008 min  
Response: 443089492  
Conc: 54.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS



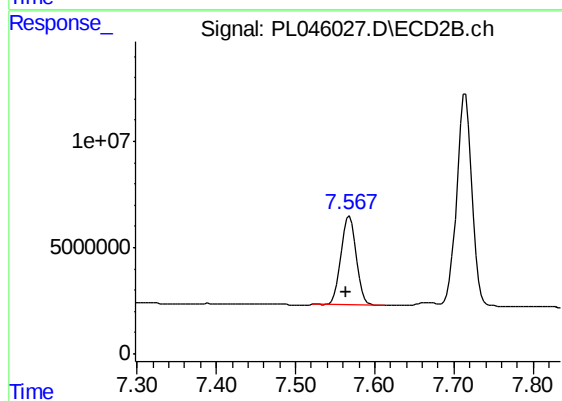
#19 Endosulfan Sulfate

R.T.: 7.244 min  
Delta R.T.: 0.003 min  
Response: 119480472  
Conc: 53.11 ng/ml



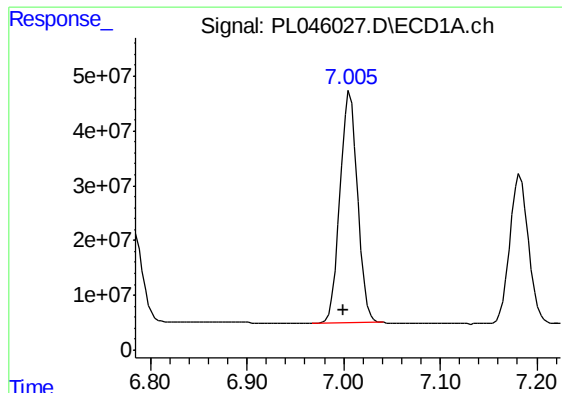
#20 Methoxychlor

R.T.: 6.784 min  
Delta R.T.: 0.008 min  
Response: 208304560  
Conc: 47.43 ng/ml



#20 Methoxychlor

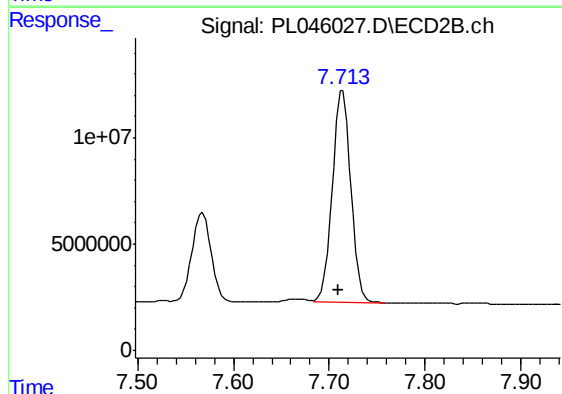
R.T.: 7.568 min  
Delta R.T.: 0.004 min  
Response: 57916144  
Conc: 47.19 ng/ml



#21 Endrin ketone

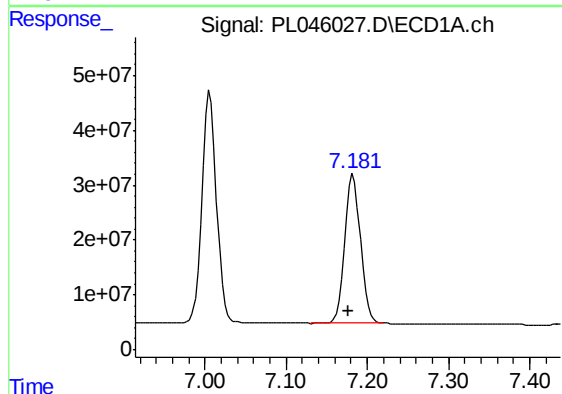
R.T.: 7.006 min  
Delta R.T.: 0.007 min  
Response: 525948168  
Conc: 57.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS



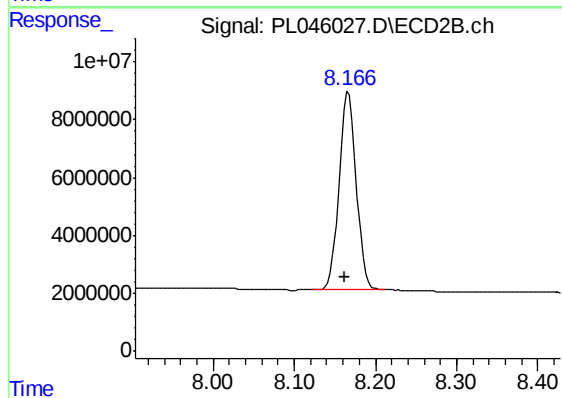
#21 Endrin ketone

R.T.: 7.714 min  
Delta R.T.: 0.004 min  
Response: 133438630  
Conc: 56.10 ng/ml



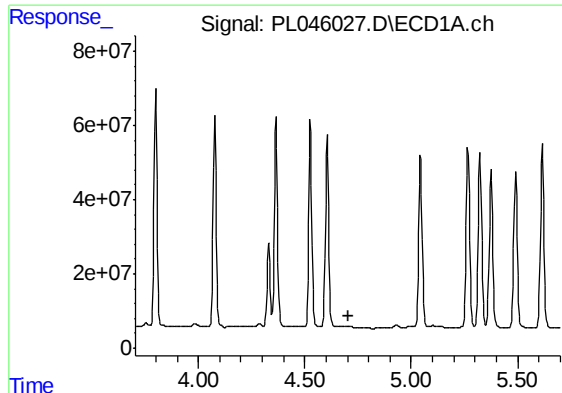
#22 Mirex

R.T.: 7.183 min  
Delta R.T.: 0.007 min  
Response: 367816577  
Conc: 49.44 ng/ml



#22 Mirex

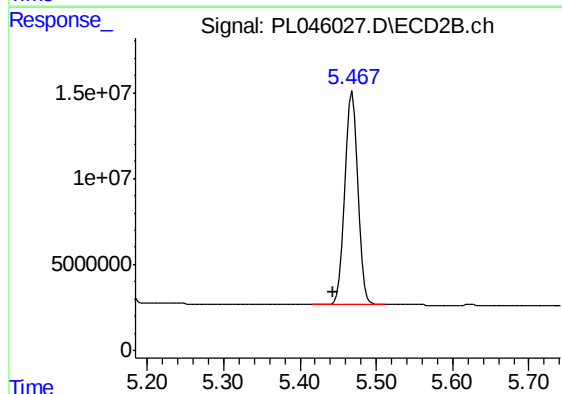
R.T.: 8.167 min  
Delta R.T.: 0.004 min  
Response: 101613990  
Conc: 51.02 ng/ml



#24 Chlordane-2

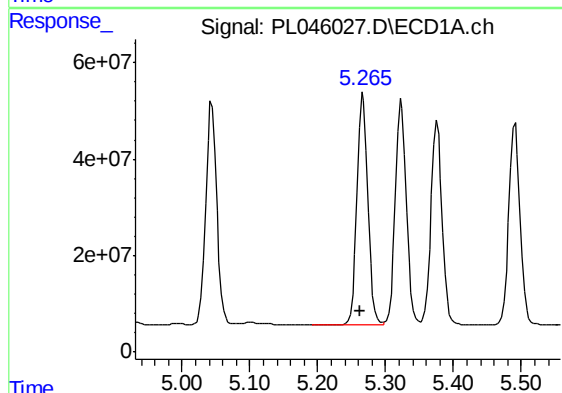
R.T.: 0.000 min  
Exp R.T.: 4.704 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS



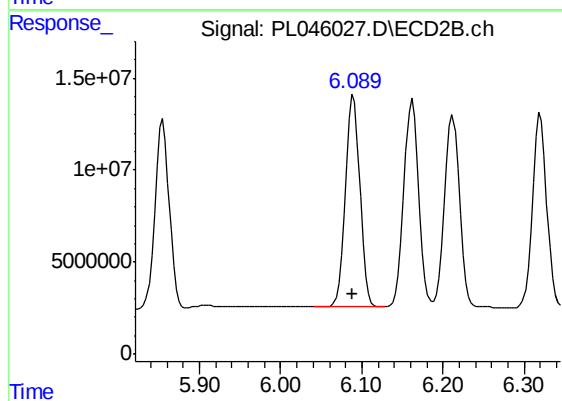
#24 Chlordane-2

R.T.: 5.469 min  
Delta R.T.: 0.026 min  
Response: 146969227  
Conc: 1216.33 ng/ml



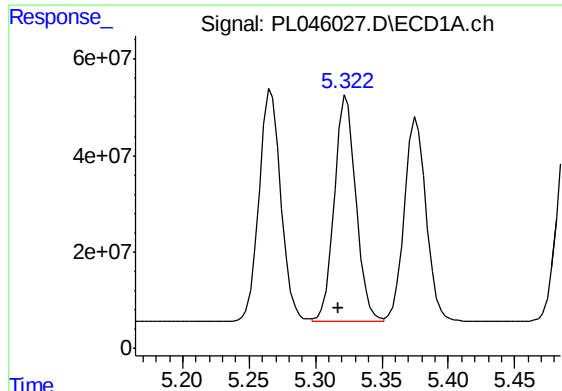
#25 Chlordane-3

R.T.: 5.267 min  
Delta R.T.: 0.005 min  
Response: 545096805  
Conc: 475.23 ng/ml



#25 Chlordane-3

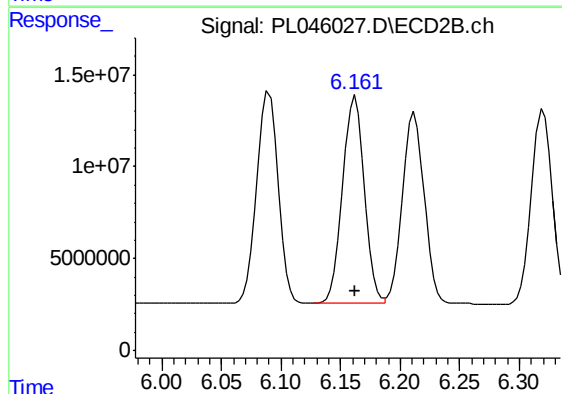
R.T.: 6.090 min  
Delta R.T.: 0.001 min  
Response: 143599604  
Conc: 368.55 ng/ml



#26 Chlordane-4

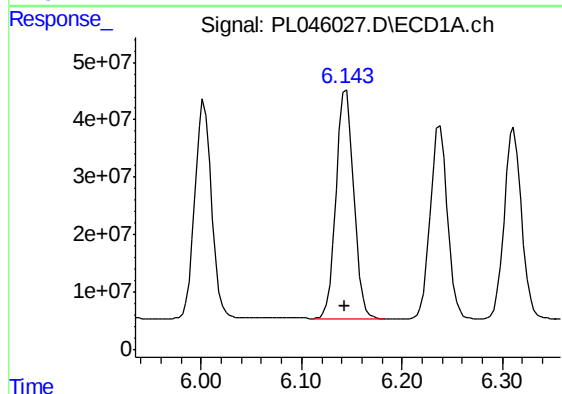
R.T.: 5.323 min  
Delta R.T.: 0.006 min  
Response: 535406656  
Conc: 505.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS



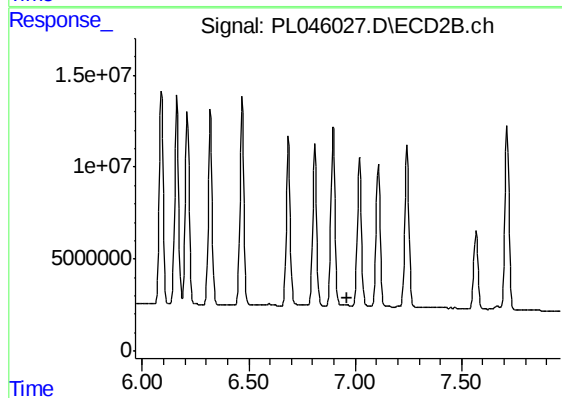
#26 Chlordane-4

R.T.: 6.162 min  
Delta R.T.: 0.000 min  
Response: 142821620  
Conc: 305.29 ng/ml



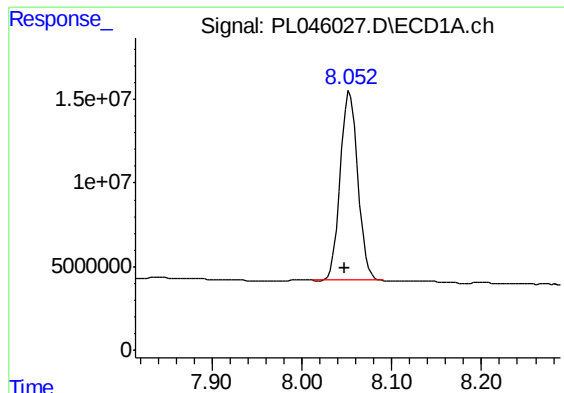
#27 Chlordane-5

R.T.: 6.144 min  
Delta R.T.: 0.002 min  
Response: 482819040  
Conc: 1398.07 ng/ml



#27 Chlordane-5

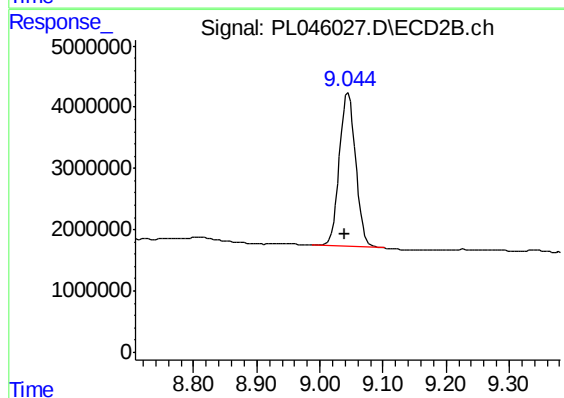
R.T.: 0.000 min  
Exp R.T. : 6.966 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.053 min  
Delta R.T.: 0.006 min  
Response: 154578553  
Conc: 18.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-1MS



#28 Decachlorobiphenyl

R.T.: 9.045 min  
Delta R.T.: 0.006 min  
Response: 44887192  
Conc: 19.64 ng/ml