

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031319\  
 Data File : PL045856.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Mar 2019 22:47  
 Operator : AJ\SJ  
 Sample : K1869-08MS  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SP-1MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 14 01:11:00 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... | 3.362 | 3.980  | 123.3E6  | 41168288 | 17.924   | 19.224     |
| 28)                         | SA Decachlor... | 8.042 | 9.036  | 99637728 | 30767868 | 11.908   | 13.466     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.792 | 4.370  | 548.7E6  | 156.0E6  | 49.402   | 51.345     |
| 3)                          | MA gamma-BHC... | 4.069 | 4.654  | 504.4E6  | 144.7E6  | 49.904   | 51.221     |
| 4)                          | MA Heptachlor   | 4.356 | 5.161  | 528.2E6  | 153.6E6  | 50.059   | 51.626     |
| 5)                          | MB Aldrin       | 4.597 | 5.466  | 482.6E6  | 137.8E6  | 49.616   | 51.005     |
| 6)                          | B beta-BHC      | 4.322 | 4.827  | 207.8E6  | 64684839 | 48.474   | 50.935     |
| 7)                          | B delta-BHC     | 4.517 | 5.043  | 488.3E6  | 118.4E6  | 51.090   | 55.065     |
| 8)                          | B Heptachlor... | 5.034 | 5.852  | 458.5E6  | 122.5E6  | 49.125   | 51.018     |
| 9)                          | A Endosulfan I  | 5.366 | 6.208  | 432.6E6  | 122.9E6  | 48.399   | 49.366     |
| 10)                         | B gamma-Chl...  | 5.257 | 6.086  | 472.0E6  | 134.6E6  | 48.228   | 50.165     |
| 11)                         | B alpha-Chl...  | 5.313 | 6.158  | 463.1E6  | 132.9E6  | 47.760   | 49.271     |
| 12)                         | B 4,4'-DDE      | 5.481 | 6.316  | 432.1E6  | 118.7E6  | 49.223   | 50.829     |
| 13)                         | MA Dieldrin     | 5.606 | 6.465  | 468.5E6  | 128.6E6  | 49.013   | 50.030     |
| 14)                         | MA Endrin       | 5.859 | 6.682  | 434.7E6  | 110.1E6  | 48.267   | 48.382     |
| 15)                         | B Endosulfa...  | 6.134 | 6.892  | 414.8E6  | 115.1E6  | 47.850   | 48.949     |
| 16)                         | A 4,4'-DDD      | 5.992 | 6.806  | 364.1E6  | 98943253 | 49.724   | 51.450     |
| 17)                         | MA 4,4'-DDT     | 6.227 | 7.104  | 356.8E6  | 98783126 | 47.576   | 50.056     |
| 18)                         | B Endrin al...  | 6.300 | 7.016  | 343.3E6  | 97944691 | 46.960   | 47.913     |
| 19)                         | B Endosulfa...  | 6.512 | 7.238  | 389.5E6  | 108.4E6  | 47.918   | 48.178     |
| 20)                         | A Methoxychlor  | 6.772 | 7.563  | 196.3E6  | 57766569 | 44.701   | 47.064     |
| 21)                         | B Endrin ke...  | 6.995 | 7.708  | 442.7E6  | 115.8E6  | 48.056   | 48.686     |
| 22)                         | Mirex           | 7.172 | 8.161  | 318.4E6  | 90307715 | 42.800   | 45.342     |
| 24)                         | Chlordane-2     | 0.000 | 5.466f | 0        | 137.8E6  | N.D.     | 1140.139 # |
| 25)                         | Chlordane-3     | 5.257 | 6.086  | 472.0E6  | 134.6E6  | 411.509  | 345.429    |
| 26)                         | Chlordane-4     | 5.313 | 6.158  | 463.1E6  | 132.9E6  | 436.887  | 284.120 #  |
| 27)                         | Chlordane-5     | 6.134 | 0.000  | 414.8E6  | 0        | 1201.083 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

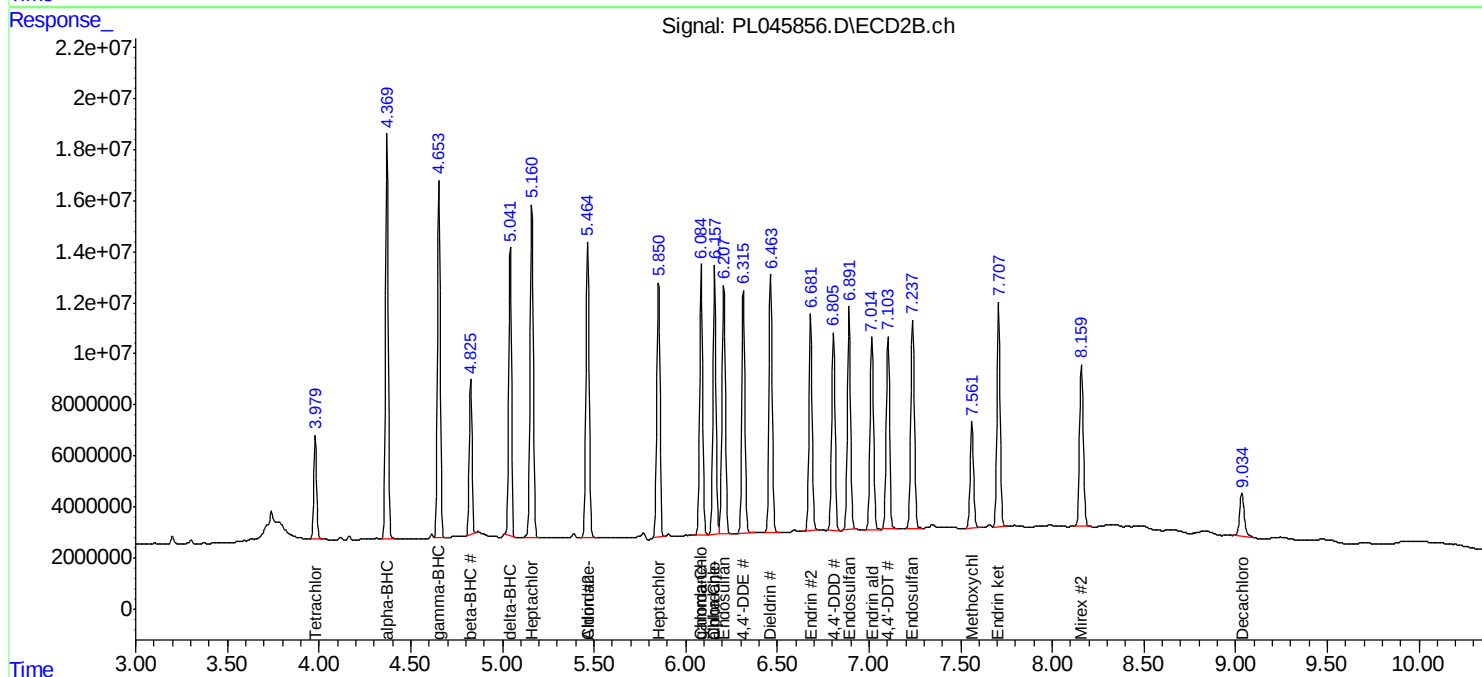
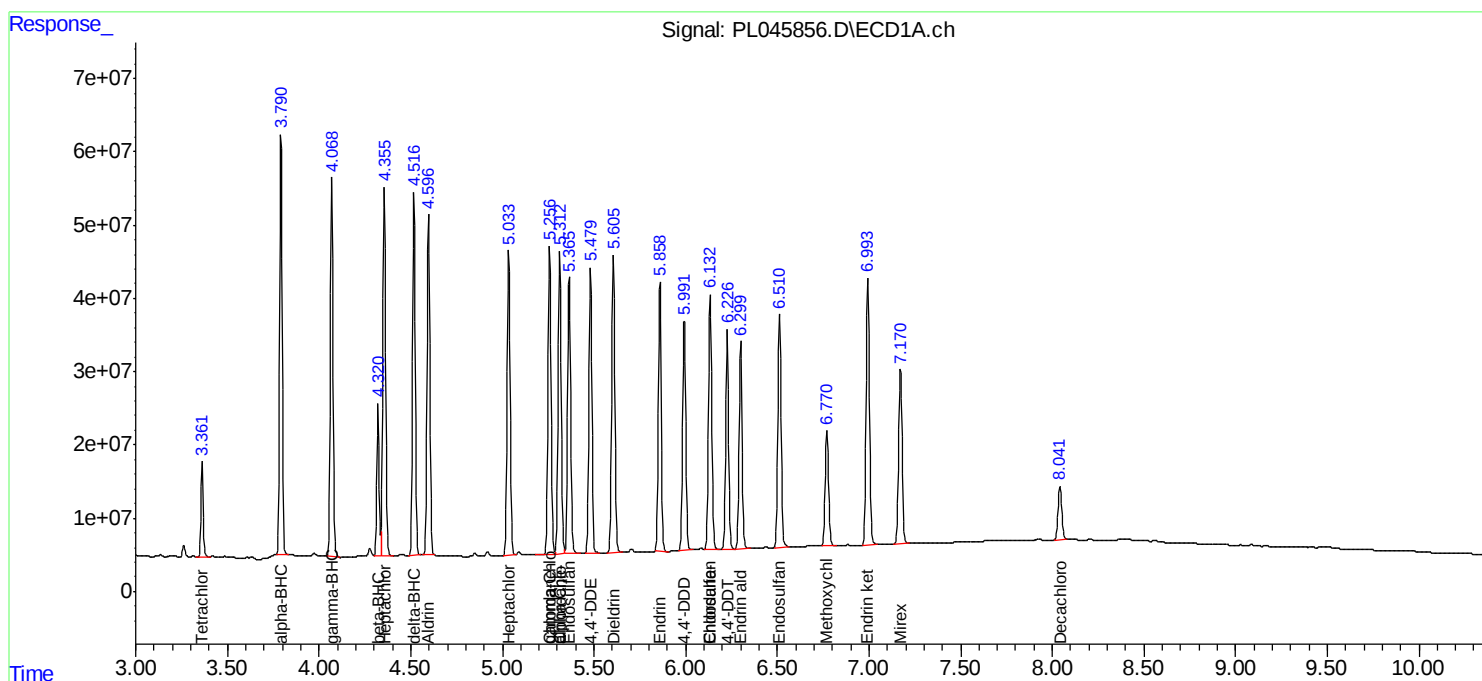
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

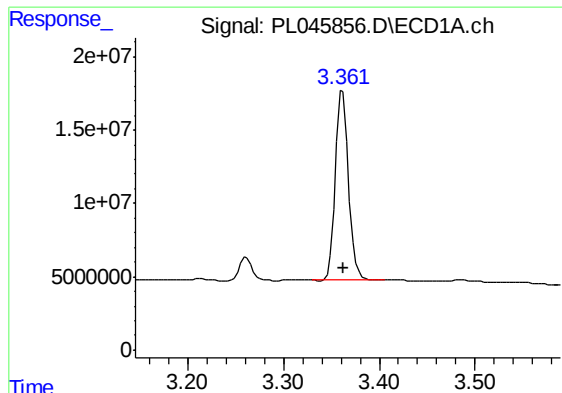
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031319\  
Data File : PL045856.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Mar 2019 22:47  
Operator : AJ\SJ  
Sample : K1869-08MS  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 14 01:11:00 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

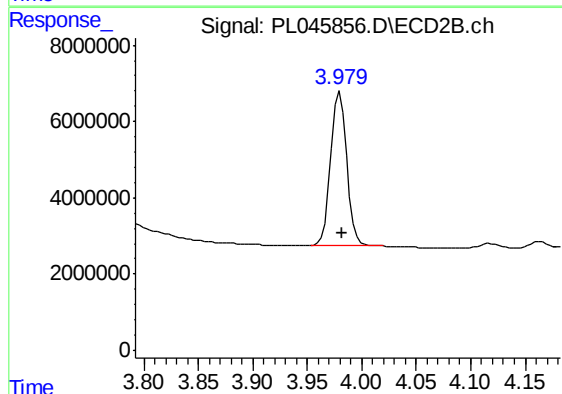




#1 Tetrachloro-m-xylene

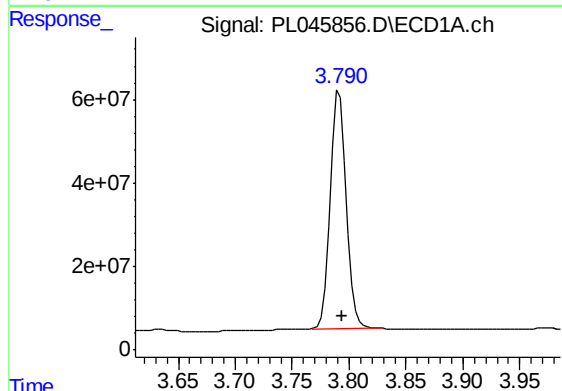
R.T.: 3.362 min  
Delta R.T.: -0.001 min  
Response: 123304010  
Conc: 17.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MS



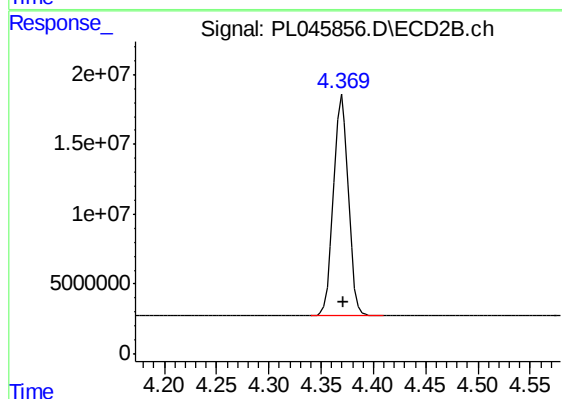
#1 Tetrachloro-m-xylene

R.T.: 3.980 min  
Delta R.T.: -0.002 min  
Response: 41168288  
Conc: 19.22 ng/ml



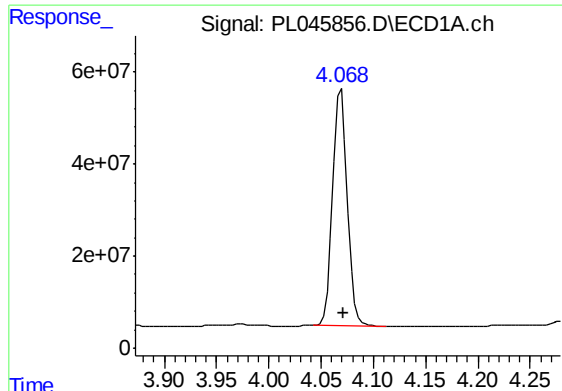
#2 alpha-BHC

R.T.: 3.792 min  
Delta R.T.: -0.002 min  
Response: 548722789  
Conc: 49.40 ng/ml



#2 alpha-BHC

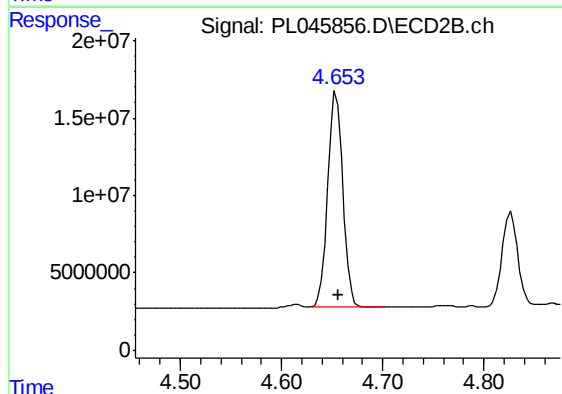
R.T.: 4.370 min  
Delta R.T.: -0.001 min  
Response: 156020480  
Conc: 51.35 ng/ml



#3 gamma-BHC (Lindane)

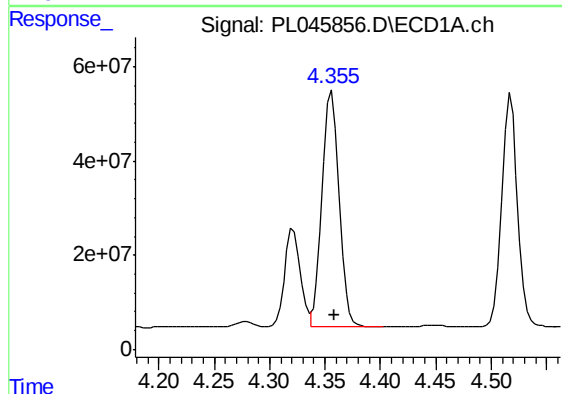
R.T.: 4.069 min  
Delta R.T.: -0.002 min  
Response: 504387108  
Conc: 49.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MS



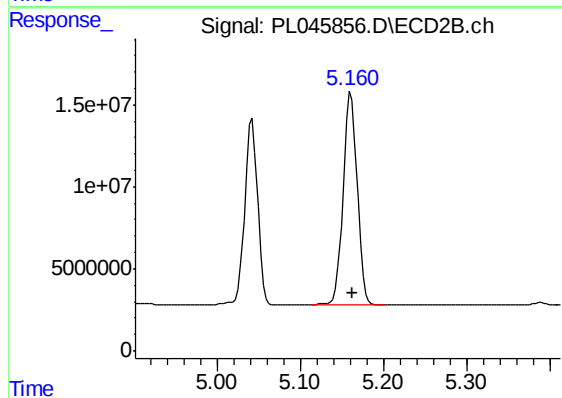
#3 gamma-BHC (Lindane)

R.T.: 4.654 min  
Delta R.T.: -0.002 min  
Response: 144680051  
Conc: 51.22 ng/ml



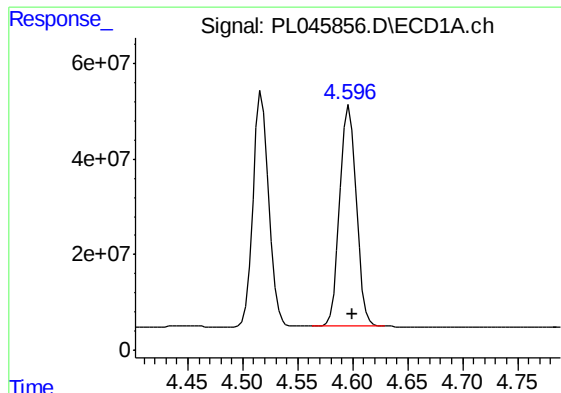
#4 Heptachlor

R.T.: 4.356 min  
Delta R.T.: -0.002 min  
Response: 528239890  
Conc: 50.06 ng/ml



#4 Heptachlor

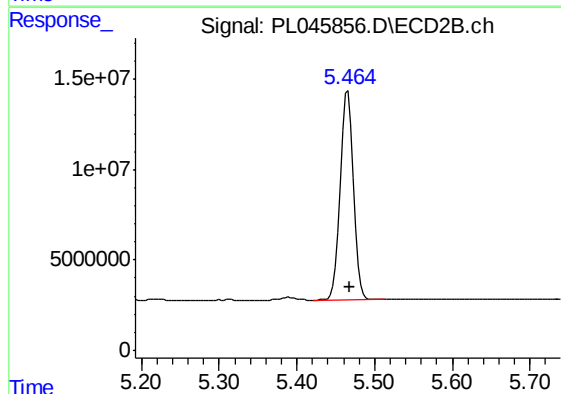
R.T.: 5.161 min  
Delta R.T.: -0.002 min  
Response: 153583272  
Conc: 51.63 ng/ml



#5 Aldrin

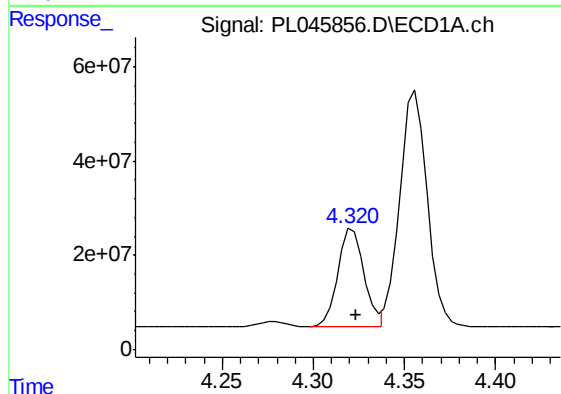
R.T.: 4.597 min  
Delta R.T.: -0.002 min  
Response: 482587807  
Conc: 49.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MS



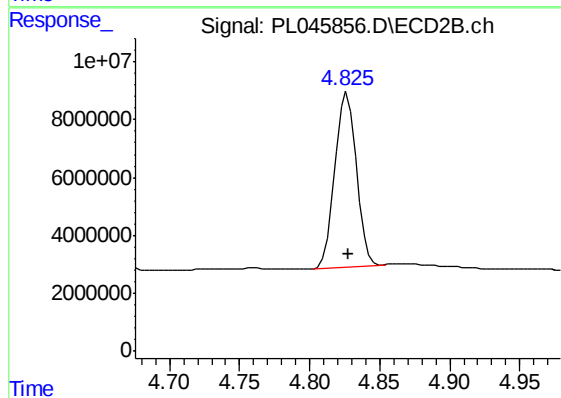
#5 Aldrin

R.T.: 5.466 min  
Delta R.T.: -0.002 min  
Response: 137763171  
Conc: 51.01 ng/ml



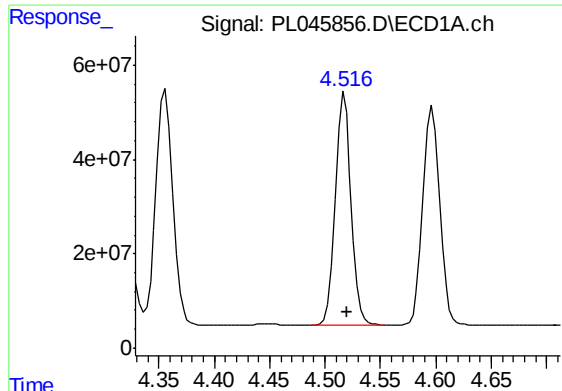
#6 beta-BHC

R.T.: 4.322 min  
Delta R.T.: -0.002 min  
Response: 207764518  
Conc: 48.47 ng/ml



#6 beta-BHC

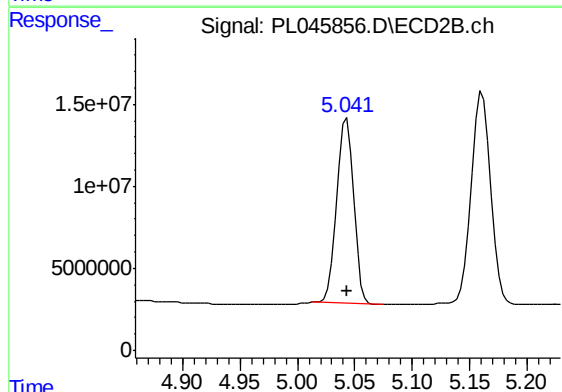
R.T.: 4.827 min  
Delta R.T.: 0.000 min  
Response: 64684839  
Conc: 50.93 ng/ml



#7 delta-BHC

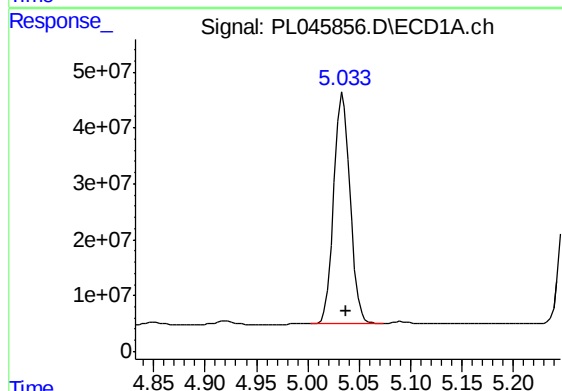
R.T.: 4.517 min  
Delta R.T.: -0.003 min  
Response: 488311034  
Conc: 51.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MS



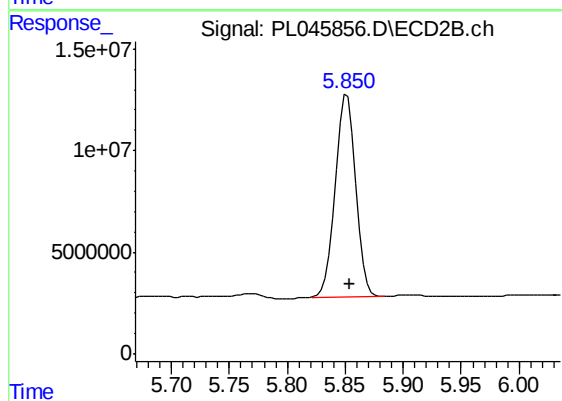
#7 delta-BHC

R.T.: 5.043 min  
Delta R.T.: -0.001 min  
Response: 118438757  
Conc: 55.07 ng/ml



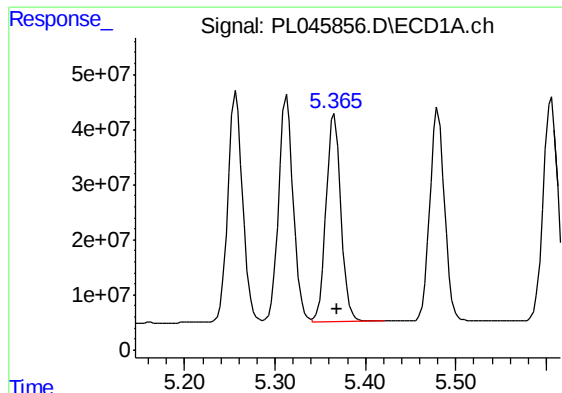
#8 Heptachlor epoxide

R.T.: 5.034 min  
Delta R.T.: -0.003 min  
Response: 458485083  
Conc: 49.12 ng/ml



#8 Heptachlor epoxide

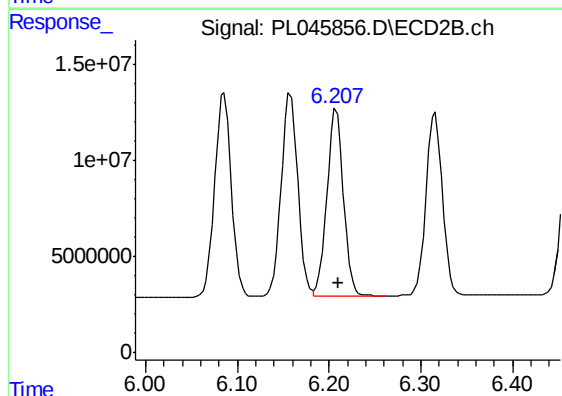
R.T.: 5.852 min  
Delta R.T.: -0.002 min  
Response: 122542729  
Conc: 51.02 ng/ml



#9 Endosulfan I

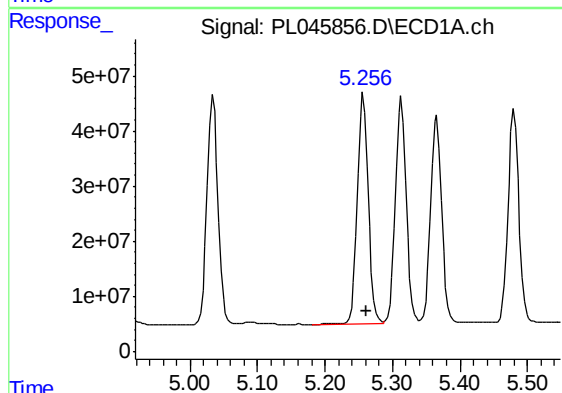
R.T.: 5.366 min  
Delta R.T.: -0.003 min  
Response: 432611724  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MS



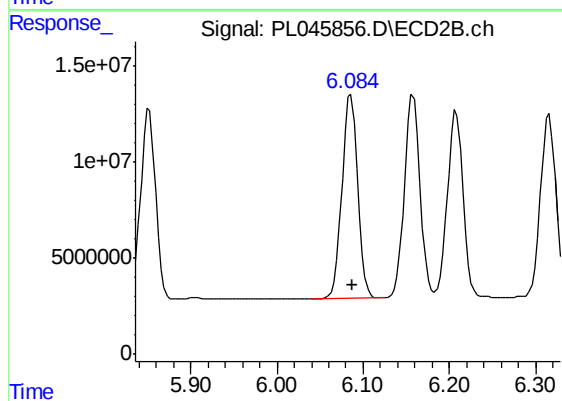
#9 Endosulfan I

R.T.: 6.208 min  
Delta R.T.: -0.002 min  
Response: 122935407  
Conc: 49.37 ng/ml



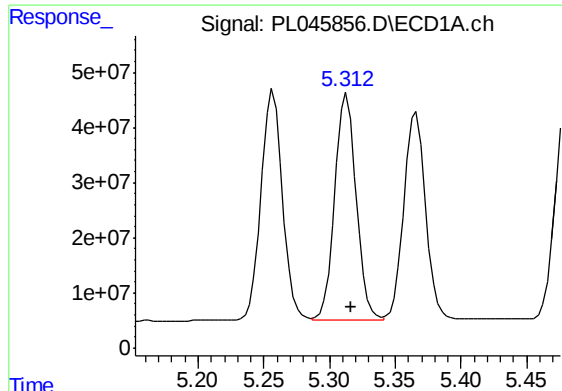
#10 gamma-Chlordane

R.T.: 5.257 min  
Delta R.T.: -0.003 min  
Response: 472010246  
Conc: 48.23 ng/ml



#10 gamma-Chlordane

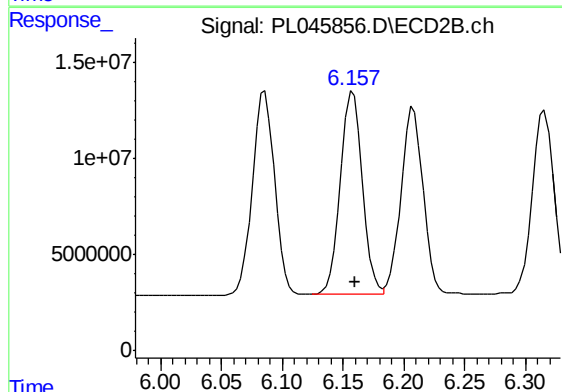
R.T.: 6.086 min  
Delta R.T.: -0.002 min  
Response: 134589419  
Conc: 50.17 ng/ml



#11 alpha-Chlordane

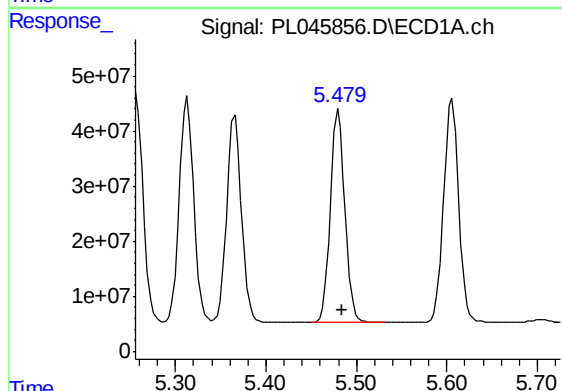
R.T.: 5.313 min  
Delta R.T.: -0.003 min  
Response: 463122980  
Conc: 47.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MS



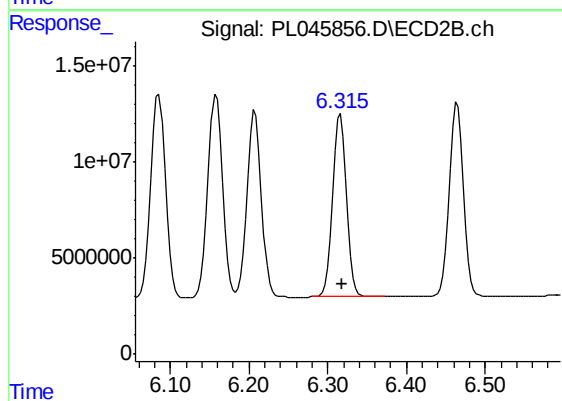
#11 alpha-Chlordane

R.T.: 6.158 min  
Delta R.T.: -0.002 min  
Response: 132918606  
Conc: 49.27 ng/ml



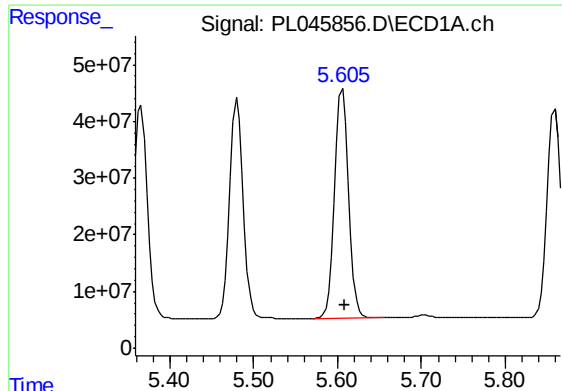
#12 4,4'-DDE

R.T.: 5.481 min  
Delta R.T.: -0.004 min  
Response: 432091136  
Conc: 49.22 ng/ml



#12 4,4'-DDE

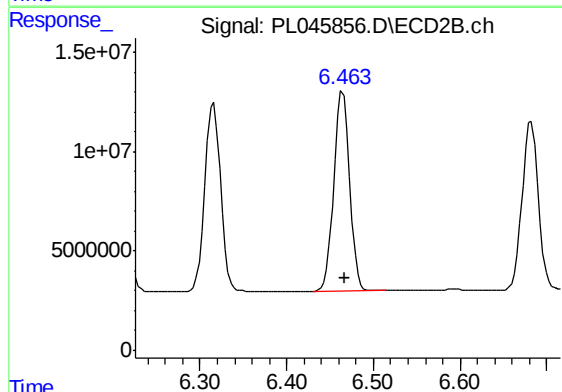
R.T.: 6.316 min  
Delta R.T.: -0.002 min  
Response: 118731381  
Conc: 50.83 ng/ml



#13 Dielldrin

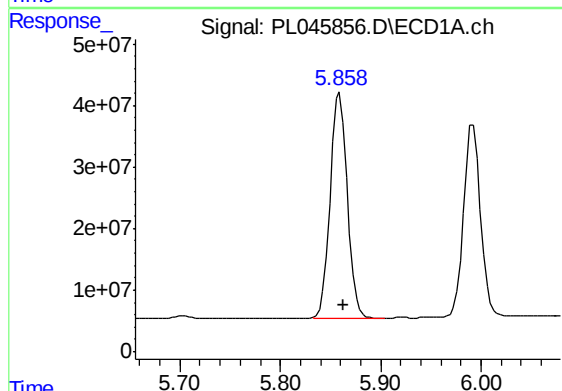
R.T.: 5.606 min  
Delta R.T.: -0.003 min  
Response: 468458902  
Conc: 49.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MS



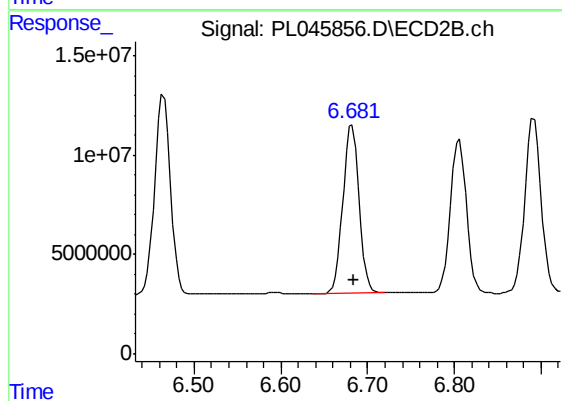
#13 Dielldrin

R.T.: 6.465 min  
Delta R.T.: -0.002 min  
Response: 128564221  
Conc: 50.03 ng/ml



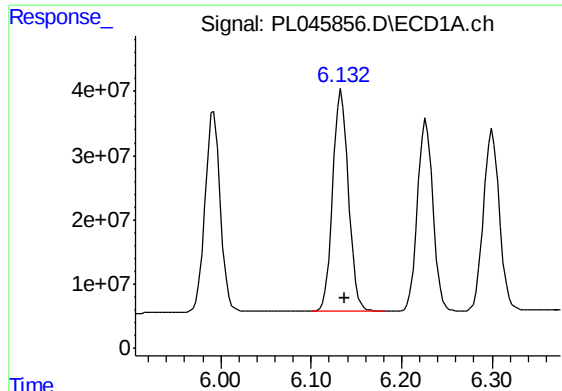
#14 Endrin

R.T.: 5.859 min  
Delta R.T.: -0.003 min  
Response: 434677181  
Conc: 48.27 ng/ml



#14 Endrin

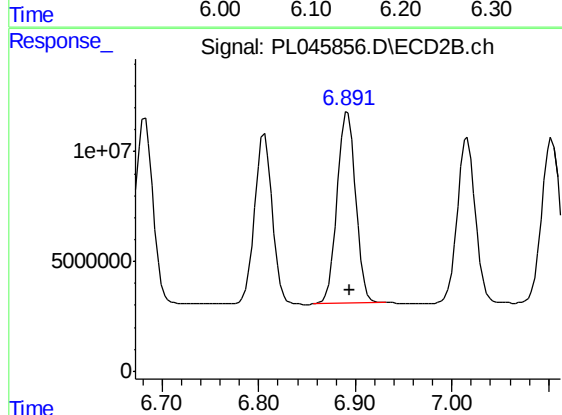
R.T.: 6.682 min  
Delta R.T.: -0.002 min  
Response: 110083688  
Conc: 48.38 ng/ml



#15 Endosulfan II

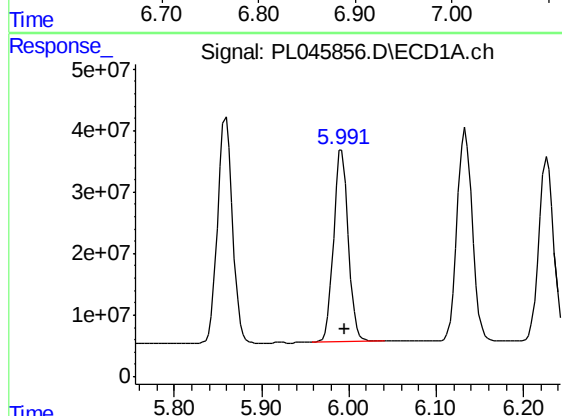
R.T.: 6.134 min  
Delta R.T.: -0.003 min  
Response: 414789871  
Conc: 47.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MS



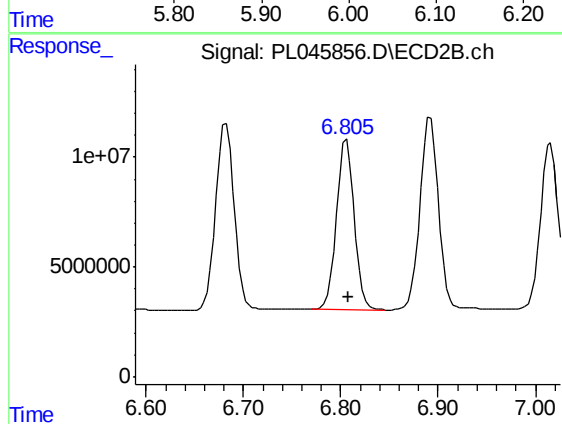
#15 Endosulfan II

R.T.: 6.892 min  
Delta R.T.: -0.002 min  
Response: 115109210  
Conc: 48.95 ng/ml



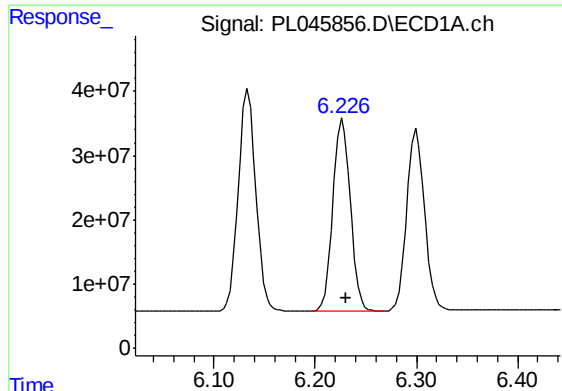
#16 4,4'-DDD

R.T.: 5.992 min  
Delta R.T.: -0.004 min  
Response: 364066586  
Conc: 49.72 ng/ml



#16 4,4'-DDD

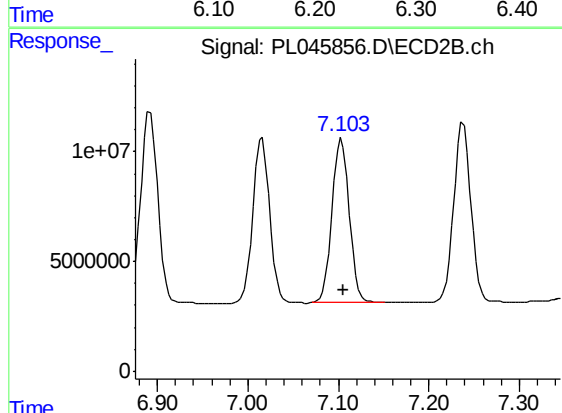
R.T.: 6.806 min  
Delta R.T.: -0.002 min  
Response: 98943253  
Conc: 51.45 ng/ml



#17 4,4'-DDT

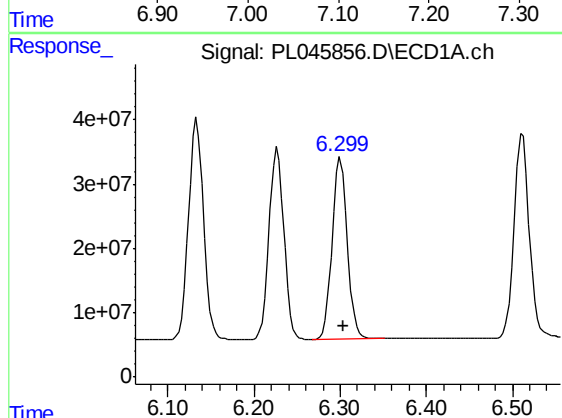
R.T.: 6.227 min  
Delta R.T.: -0.004 min  
Response: 356826850  
Conc: 47.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MS



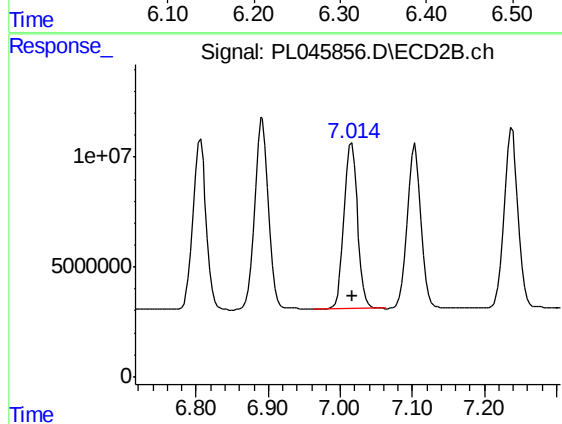
#17 4,4'-DDT

R.T.: 7.104 min  
Delta R.T.: -0.002 min  
Response: 98783126  
Conc: 50.06 ng/ml



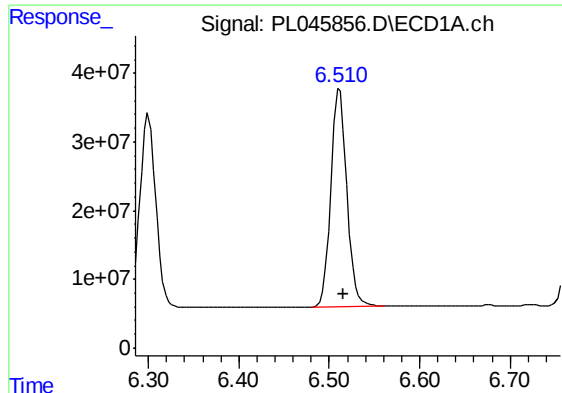
#18 Endrin aldehyde

R.T.: 6.300 min  
Delta R.T.: -0.003 min  
Response: 343256368  
Conc: 46.96 ng/ml



#18 Endrin aldehyde

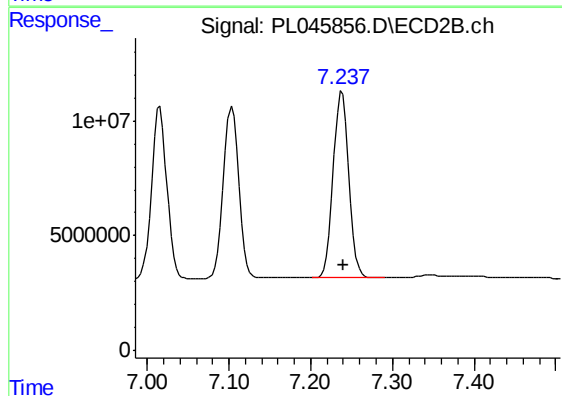
R.T.: 7.016 min  
Delta R.T.: -0.002 min  
Response: 97944691  
Conc: 47.91 ng/ml



#19 Endosulfan Sulfate

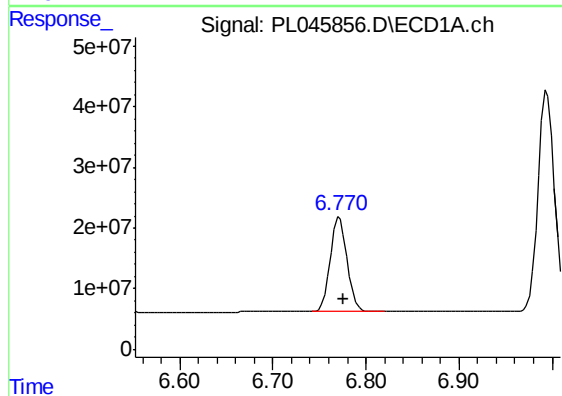
R.T.: 6.512 min  
Delta R.T.: -0.004 min  
Response: 389484716  
Conc: 47.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MS



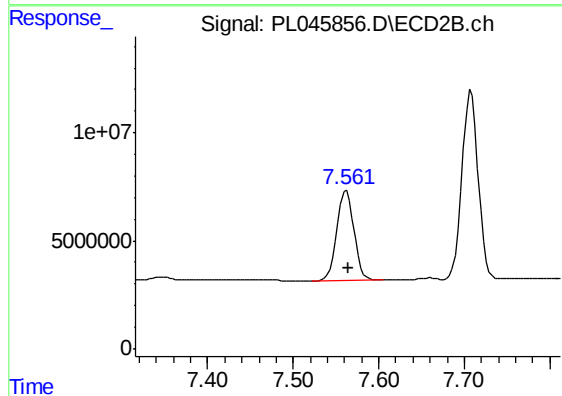
#19 Endosulfan Sulfate

R.T.: 7.238 min  
Delta R.T.: -0.002 min  
Response: 108377168  
Conc: 48.18 ng/ml



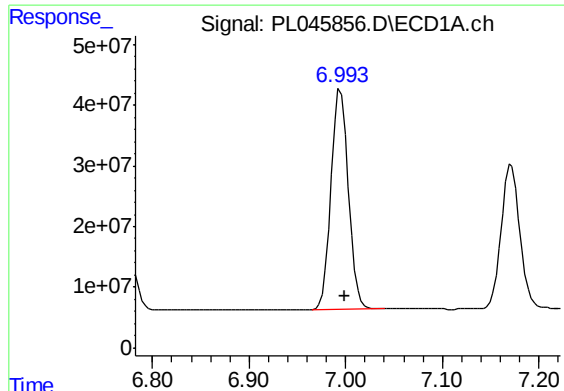
#20 Methoxychlor

R.T.: 6.772 min  
Delta R.T.: -0.005 min  
Response: 196313018  
Conc: 44.70 ng/ml



#20 Methoxychlor

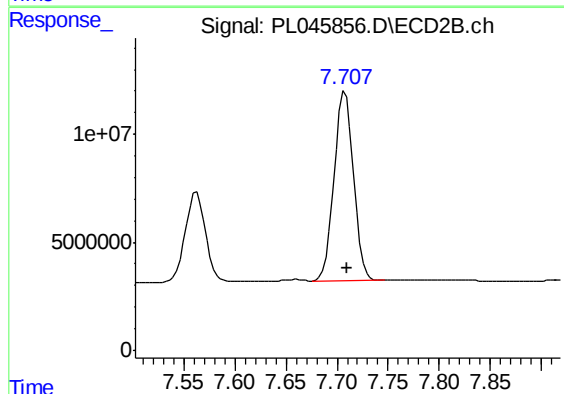
R.T.: 7.563 min  
Delta R.T.: -0.002 min  
Response: 57766569  
Conc: 47.06 ng/ml



#21 Endrin ketone

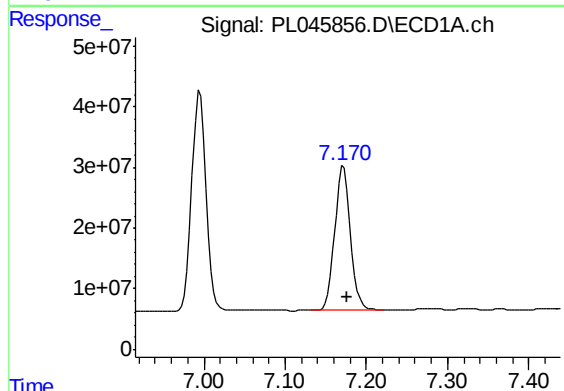
R.T.: 6.995 min  
Delta R.T.: -0.004 min  
Response: 442726812  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MS



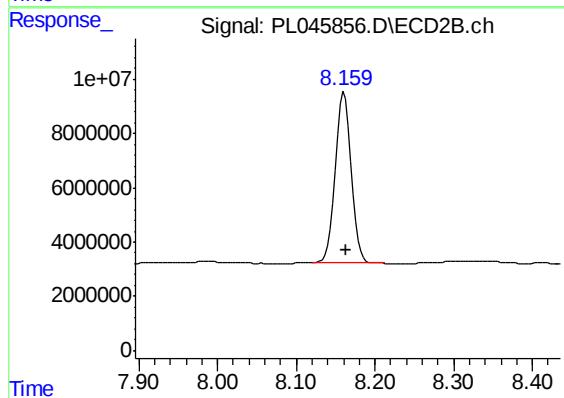
#21 Endrin ketone

R.T.: 7.708 min  
Delta R.T.: -0.002 min  
Response: 115795668  
Conc: 48.69 ng/ml



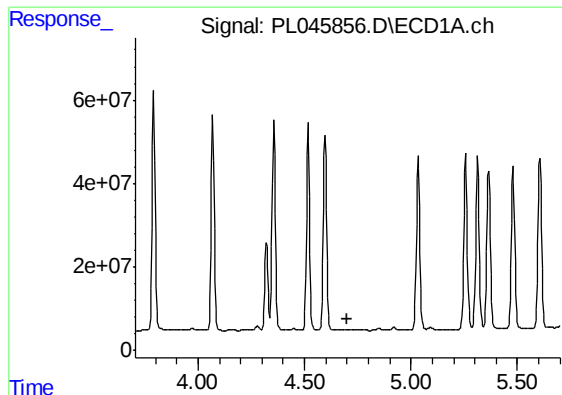
#22 Mirex

R.T.: 7.172 min  
Delta R.T.: -0.005 min  
Response: 318436120  
Conc: 42.80 ng/ml



#22 Mirex

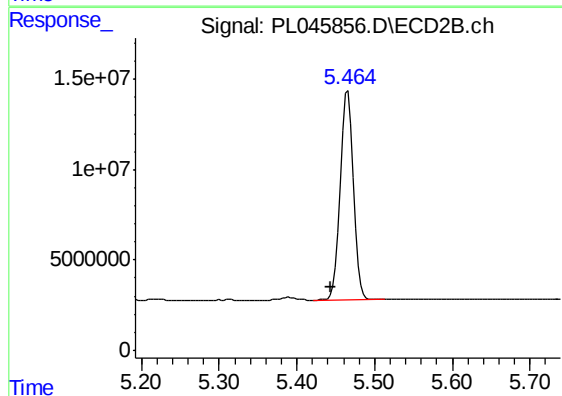
R.T.: 8.161 min  
Delta R.T.: -0.002 min  
Response: 90307715  
Conc: 45.34 ng/ml



#24 Chlordane-2

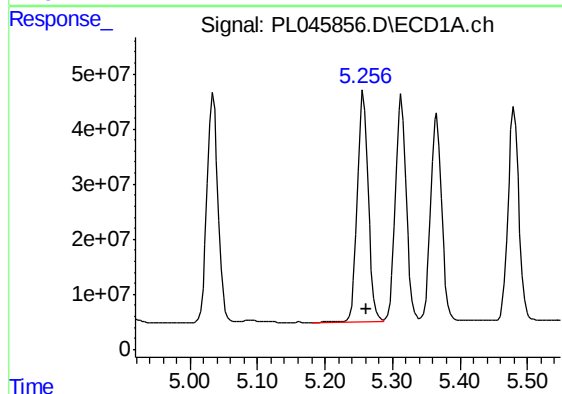
R.T.: 0.000 min  
Exp R.T.: 4.704 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MS



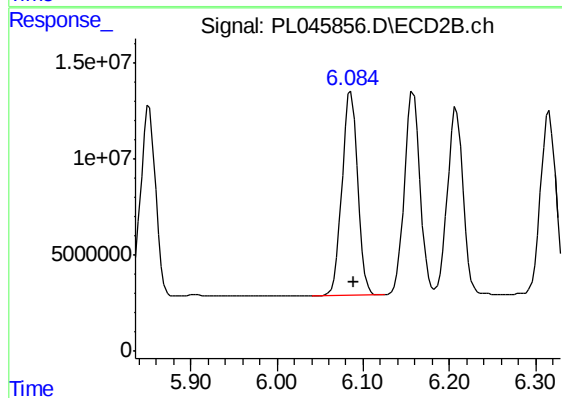
#24 Chlordane-2

R.T.: 5.466 min  
Delta R.T.: 0.023 min  
Response: 137763171  
Conc: 1140.14 ng/ml



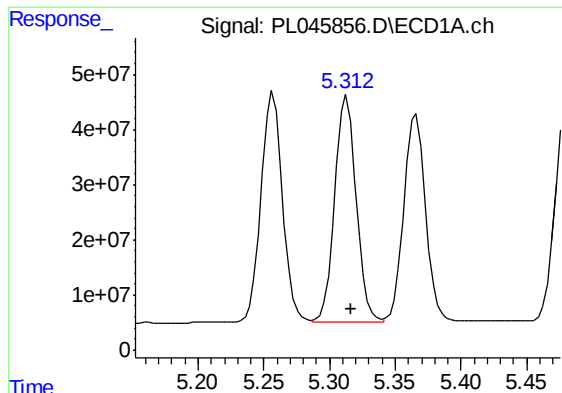
#25 Chlordane-3

R.T.: 5.257 min  
Delta R.T.: -0.005 min  
Response: 472010246  
Conc: 411.51 ng/ml



#25 Chlordane-3

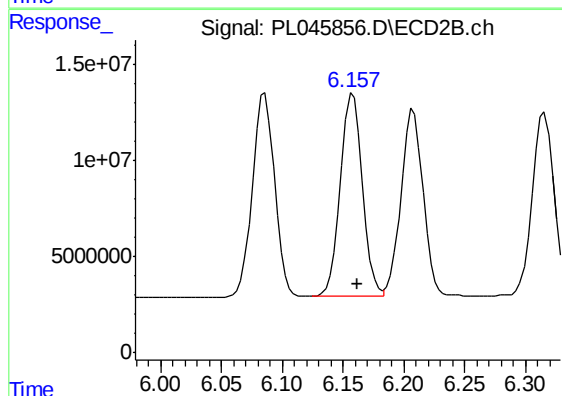
R.T.: 6.086 min  
Delta R.T.: -0.003 min  
Response: 134589419  
Conc: 345.43 ng/ml



#26 Chlordane-4

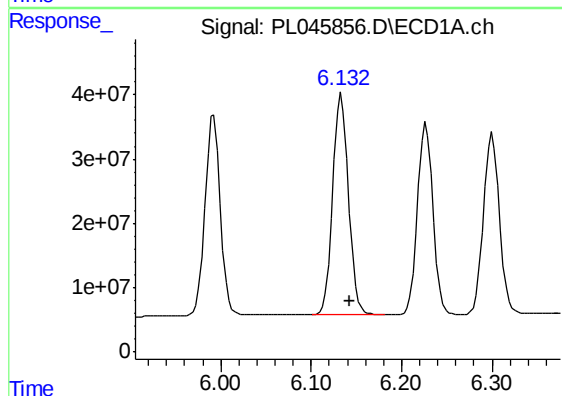
R.T.: 5.313 min  
Delta R.T.: -0.003 min  
Response: 463122980  
Conc: 436.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MS



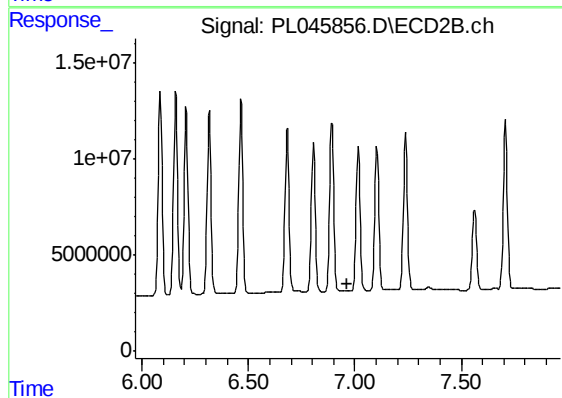
#26 Chlordane-4

R.T.: 6.158 min  
Delta R.T.: -0.004 min  
Response: 132918606  
Conc: 284.12 ng/ml



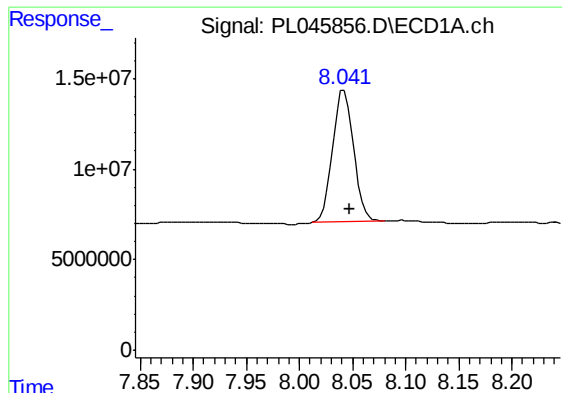
#27 Chlordane-5

R.T.: 6.134 min  
Delta R.T.: -0.009 min  
Response: 414789871  
Conc: 1201.08 ng/ml



#27 Chlordane-5

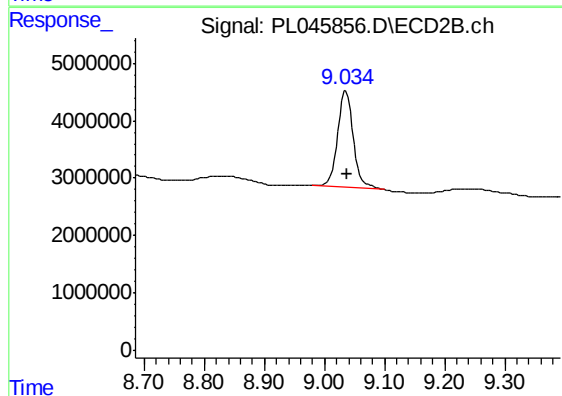
R.T.: 0.000 min  
Exp R.T.: 6.966 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.042 min  
Delta R.T.: -0.005 min  
Response: 99637728  
Conc: 11.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MS



#28 Decachlorobiphenyl

R.T.: 9.036 min  
Delta R.T.: -0.003 min  
Response: 30767868  
Conc: 13.47 ng/ml