

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031319\  
 Data File : PL045843.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Mar 2019 19:43  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 14 01:08:00 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 | 3.981  | 333.5E6 | 105.5E6  | 48.477   | 49.248     |
| 28)                         | SA Decachlor... | 8.042 | 9.036  | 365.5E6 | 105.3E6  | 43.679   | 46.066     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.792 | 4.371  | 550.7E6 | 154.8E6  | 49.578   | 50.959     |
| 3)                          | MA gamma-BHC... | 4.069 | 4.655  | 506.8E6 | 143.8E6  | 50.141   | 50.902     |
| 4)                          | MA Heptachlor   | 4.356 | 5.162  | 518.2E6 | 149.2E6  | 49.109   | 50.164     |
| 5)                          | MB Aldrin       | 4.597 | 5.466  | 490.5E6 | 136.9E6  | 50.431   | 50.670     |
| 6)                          | B beta-BHC      | 4.322 | 4.827  | 209.9E6 | 65215941 | 48.981   | 51.353     |
| 7)                          | B delta-BHC     | 4.518 | 5.043  | 494.5E6 | 123.8E6  | 51.740   | 57.548     |
| 8)                          | B Heptachlor... | 5.035 | 5.852  | 460.2E6 | 134.3E6  | 49.306   | 55.918     |
| 9)                          | A Endosulfan I  | 5.366 | 6.209  | 434.4E6 | 123.6E6  | 48.603   | 49.616     |
| 10)                         | B gamma-Chl...  | 5.257 | 6.086  | 480.6E6 | 134.5E6  | 49.107   | 50.135     |
| 11)                         | B alpha-Chl...  | 5.314 | 6.158  | 470.9E6 | 133.4E6  | 48.562   | 49.459     |
| 12)                         | B 4,4'-DDE      | 5.481 | 6.317  | 408.3E6 | 117.4E6  | 46.513   | 50.254     |
| 13)                         | MA Dieldrin     | 5.606 | 6.465  | 474.8E6 | 128.1E6  | 49.676   | 49.852     |
| 14)                         | MA Endrin       | 5.859 | 6.682  | 426.2E6 | 108.6E6  | 47.320   | 47.745     |
| 15)                         | B Endosulfa...  | 6.134 | 6.892  | 419.0E6 | 114.0E6  | 48.333   | 48.477     |
| 16)                         | A 4,4'-DDD      | 5.992 | 6.806  | 376.5E6 | 100.4E6  | 51.425   | 52.191     |
| 17)                         | MA 4,4'-DDT     | 6.227 | 7.104  | 340.6E6 | 92637217 | 45.411   | 46.942     |
| 18)                         | B Endrin al...  | 6.300 | 7.017  | 348.4E6 | 98637259 | 47.664   | 48.252     |
| 19)                         | B Endosulfa...  | 6.512 | 7.238  | 386.7E6 | 108.9E6  | 47.577   | 48.417     |
| 20)                         | A Methoxychlor  | 6.772 | 7.562  | 189.3E6 | 54133214 | 43.094   | 44.103     |
| 21)                         | B Endrin ke...  | 6.995 | 7.709  | 442.4E6 | 119.1E6  | 48.024   | 50.063     |
| 22)                         | Mirex           | 7.172 | 8.161  | 336.4E6 | 93729866 | 45.219   | 47.061     |
| 24)                         | Chlordane-2     | 0.000 | 5.466f | 0       | 136.9E6  | N.D.     | 1132.636 # |
| 25)                         | Chlordane-3     | 5.257 | 6.086  | 480.6E6 | 134.5E6  | 419.002  | 345.219    |
| 26)                         | Chlordane-4     | 5.314 | 6.158  | 470.9E6 | 133.4E6  | 444.231  | 285.204 #  |
| 27)                         | Chlordane-5     | 6.134 | 0.000  | 419.0E6 | 0        | 1213.224 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

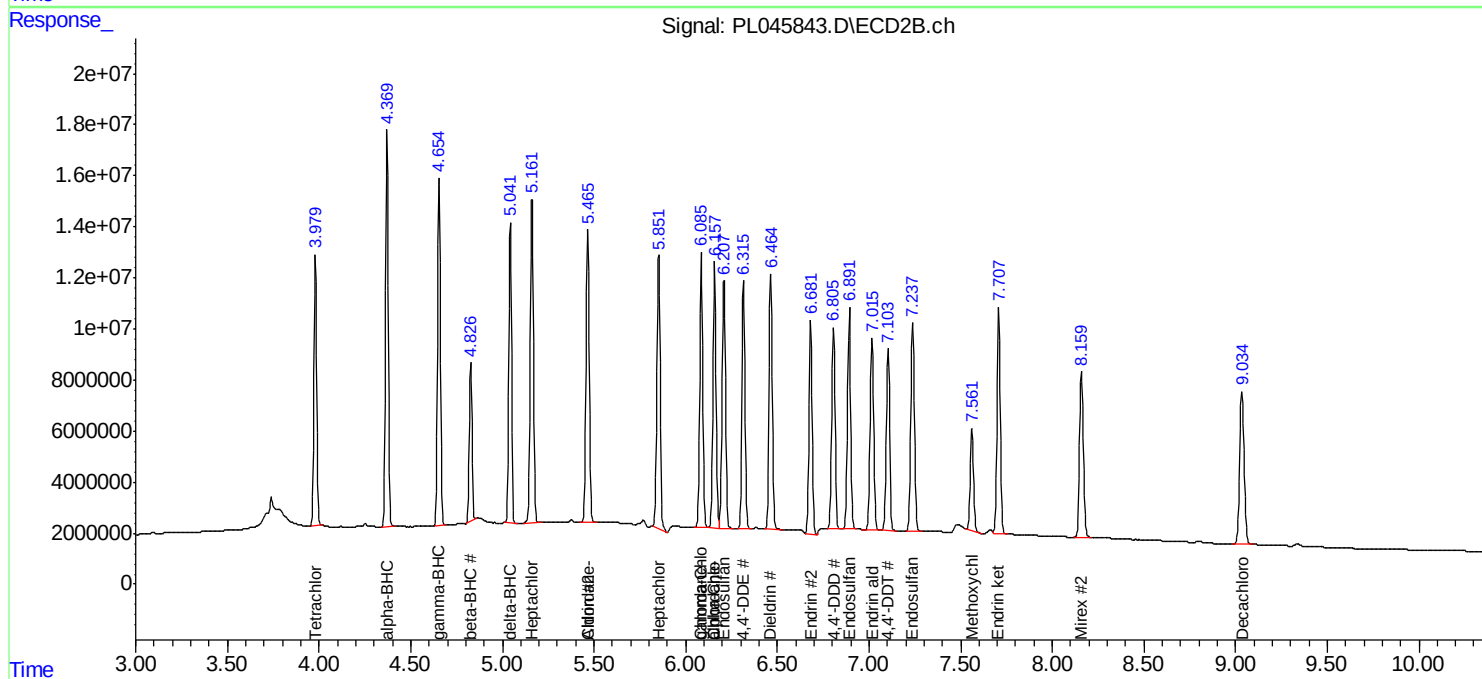
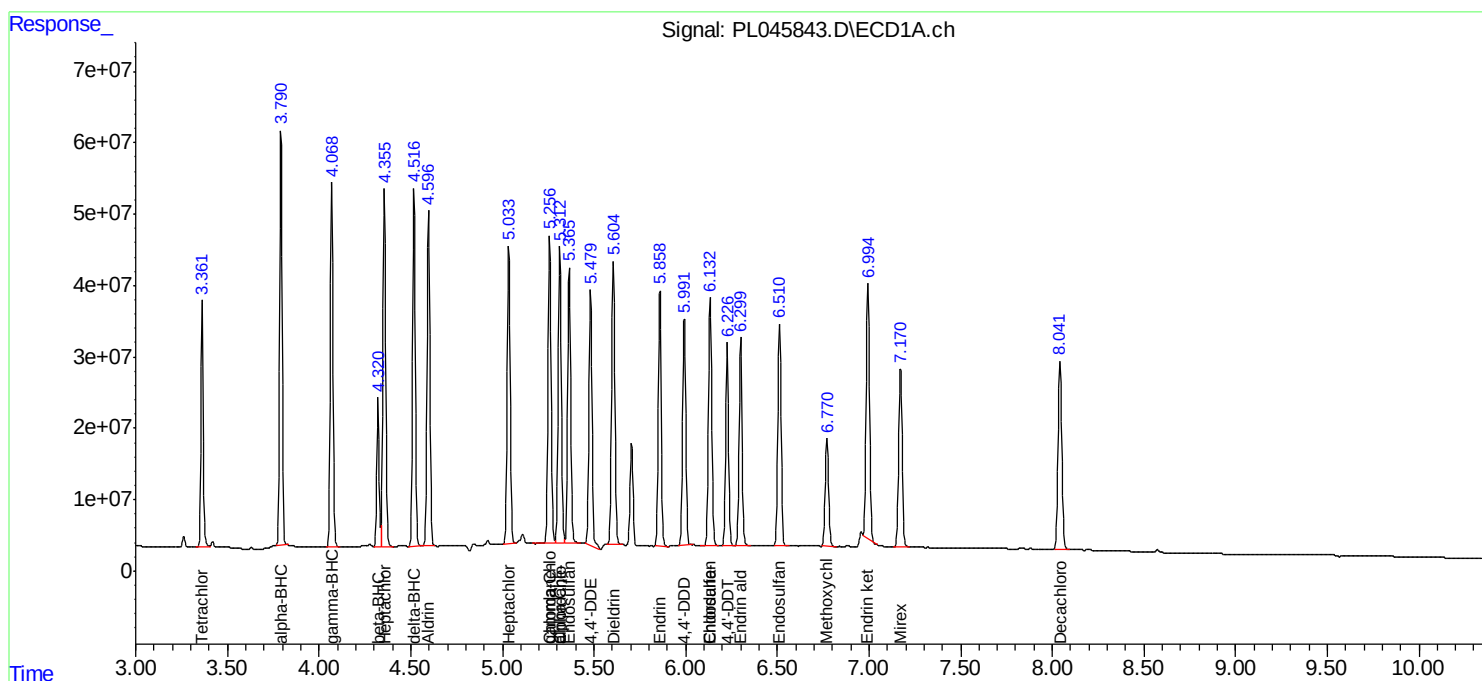
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

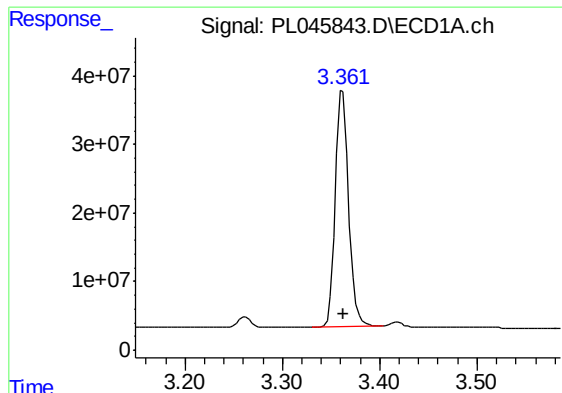
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031319\  
Data File : PL045843.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Mar 2019 19:43  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 14 01:08:00 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

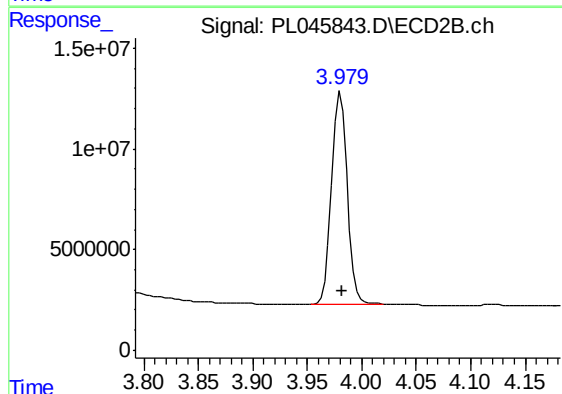




#1 Tetrachloro-m-xylene

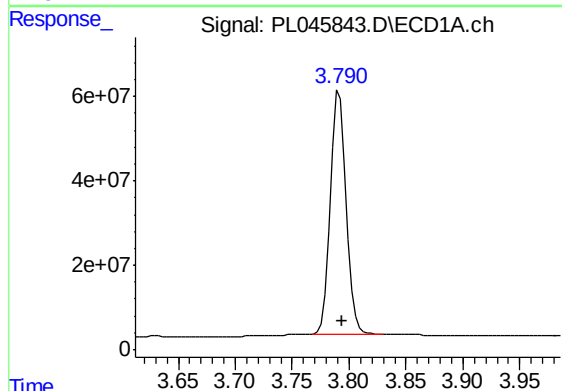
R.T.: 3.362 min  
Delta R.T.: -0.001 min  
Response: 333489540  
Conc: 48.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



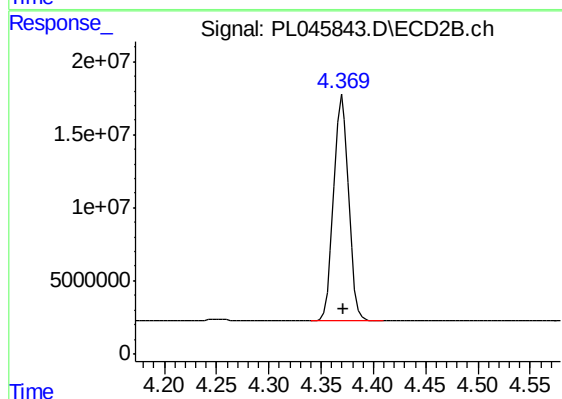
#1 Tetrachloro-m-xylene

R.T.: 3.981 min  
Delta R.T.: 0.000 min  
Response: 105466862  
Conc: 49.25 ng/ml



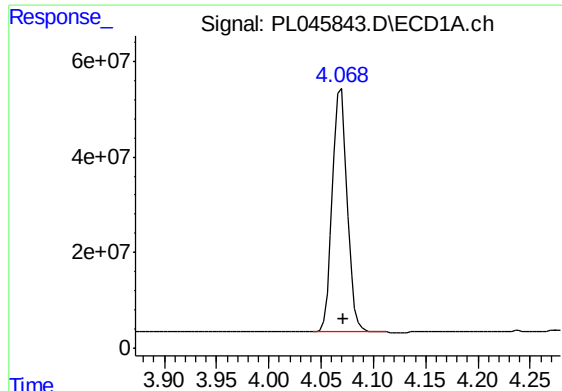
#2 alpha-BHC

R.T.: 3.792 min  
Delta R.T.: -0.002 min  
Response: 550677527  
Conc: 49.58 ng/ml



#2 alpha-BHC

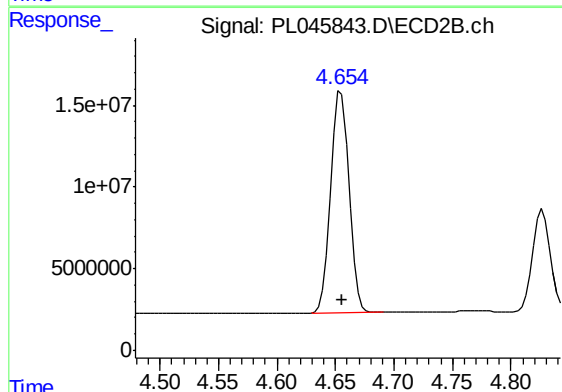
R.T.: 4.371 min  
Delta R.T.: 0.000 min  
Response: 154845853  
Conc: 50.96 ng/ml



#3 gamma-BHC (Lindane)

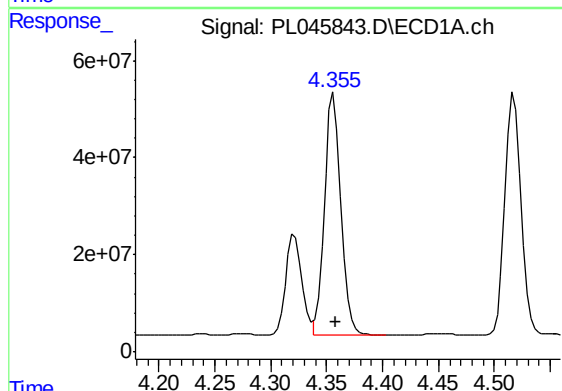
R.T.: 4.069 min  
Delta R.T.: -0.002 min  
Response: 506784884  
Conc: 50.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



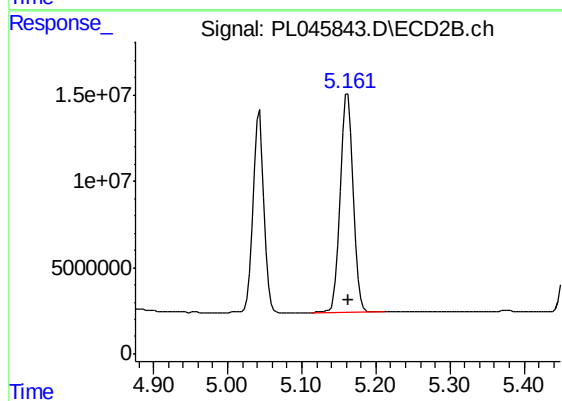
#3 gamma-BHC (Lindane)

R.T.: 4.655 min  
Delta R.T.: -0.001 min  
Response: 143777402  
Conc: 50.90 ng/ml



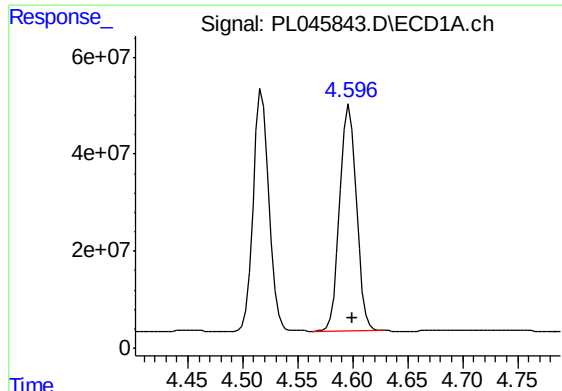
#4 Heptachlor

R.T.: 4.356 min  
Delta R.T.: -0.002 min  
Response: 518206524  
Conc: 49.11 ng/ml



#4 Heptachlor

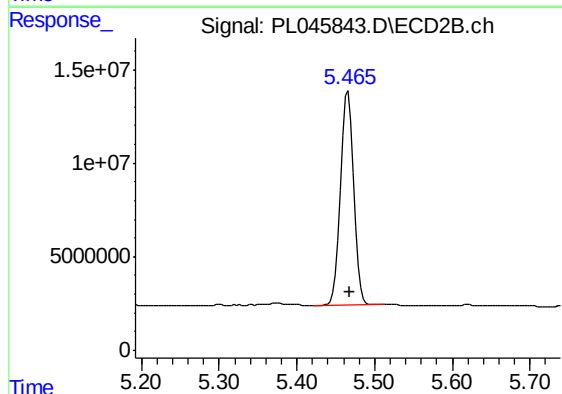
R.T.: 5.162 min  
Delta R.T.: -0.001 min  
Response: 149236240  
Conc: 50.16 ng/ml



#5 Aldrin

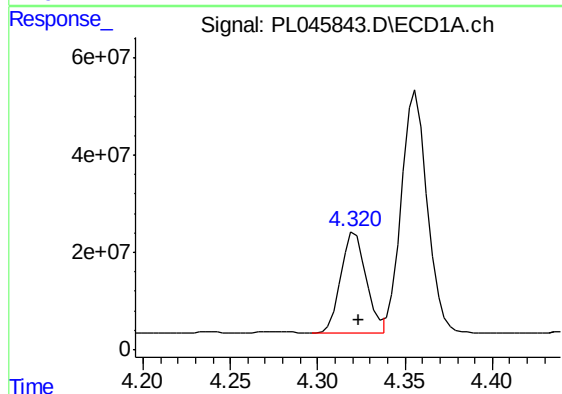
R.T.: 4.597 min  
Delta R.T.: -0.002 min  
Response: 490510062  
Conc: 50.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



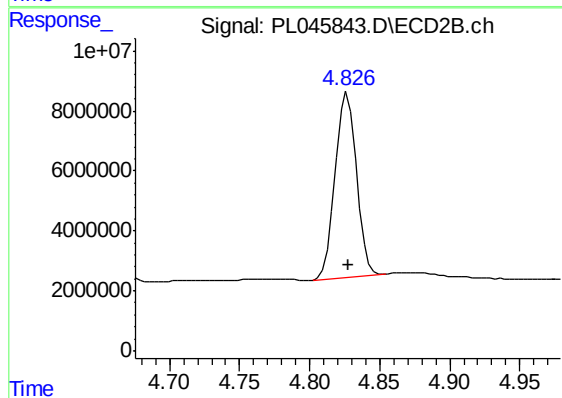
#5 Aldrin

R.T.: 5.466 min  
Delta R.T.: -0.002 min  
Response: 136856579  
Conc: 50.67 ng/ml



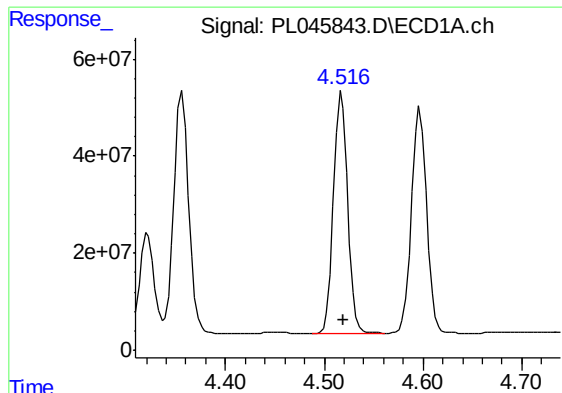
#6 beta-BHC

R.T.: 4.322 min  
Delta R.T.: -0.002 min  
Response: 209937589  
Conc: 48.98 ng/ml



#6 beta-BHC

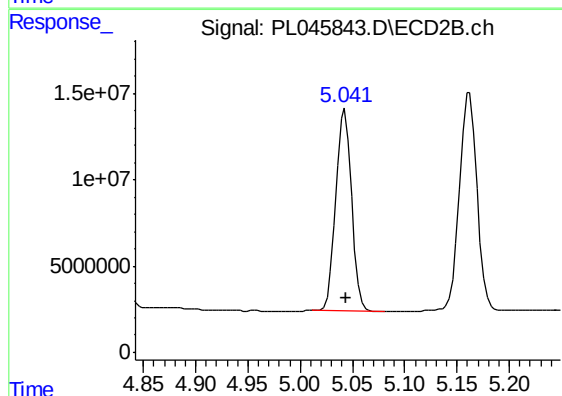
R.T.: 4.827 min  
Delta R.T.: 0.000 min  
Response: 65215941  
Conc: 51.35 ng/ml



#7 delta-BHC

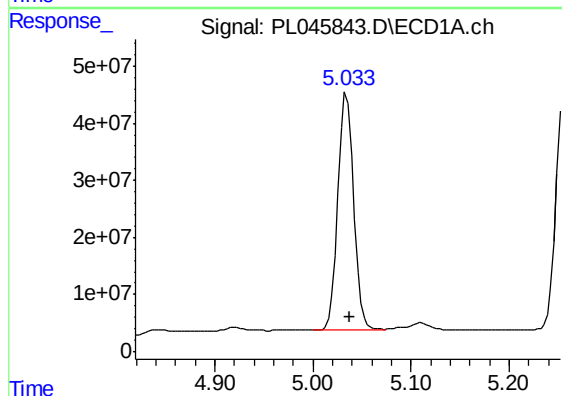
R.T.: 4.518 min  
Delta R.T.: -0.002 min  
Response: 494525316  
Conc: 51.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



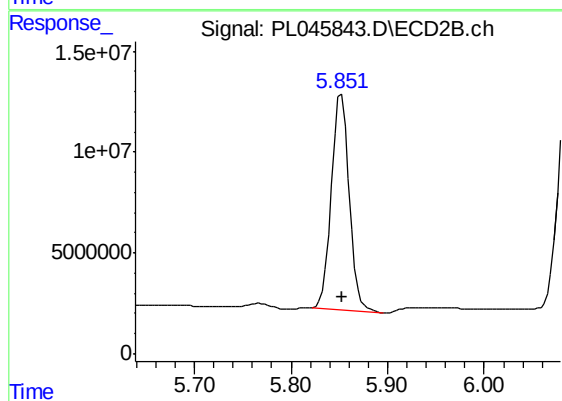
#7 delta-BHC

R.T.: 5.043 min  
Delta R.T.: -0.001 min  
Response: 123779534  
Conc: 57.55 ng/ml



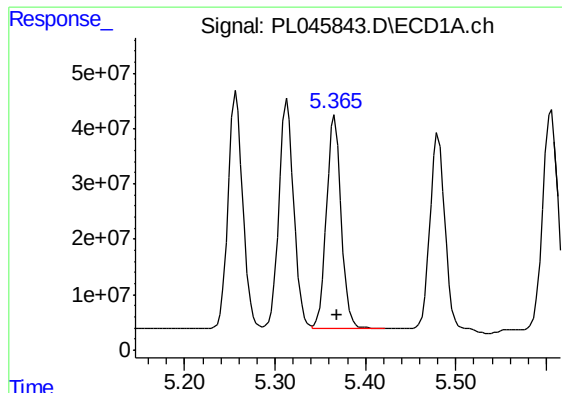
#8 Heptachlor epoxide

R.T.: 5.035 min  
Delta R.T.: -0.003 min  
Response: 460173650  
Conc: 49.31 ng/ml



#8 Heptachlor epoxide

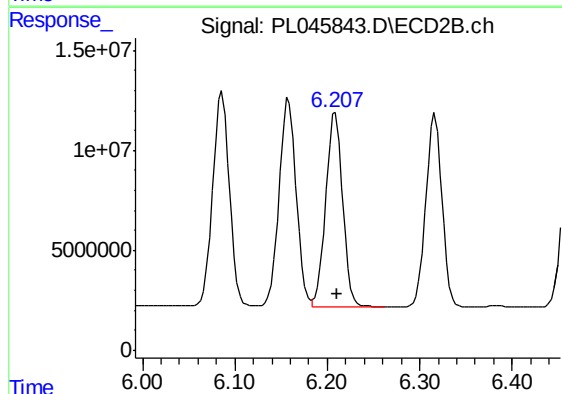
R.T.: 5.852 min  
Delta R.T.: -0.001 min  
Response: 134311291  
Conc: 55.92 ng/ml



#9 Endosulfan I

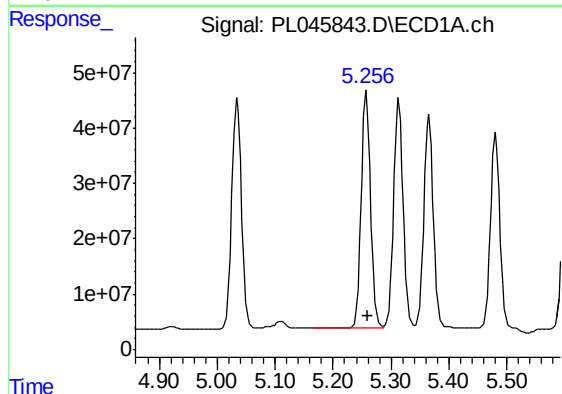
R.T.: 5.366 min  
Delta R.T.: -0.003 min  
Response: 434429126  
Conc: 48.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



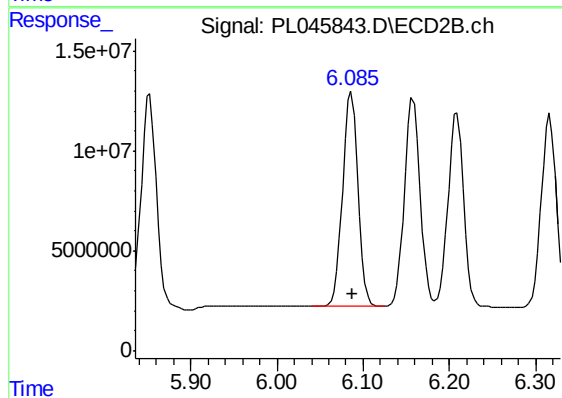
#9 Endosulfan I

R.T.: 6.209 min  
Delta R.T.: -0.001 min  
Response: 123558941  
Conc: 49.62 ng/ml



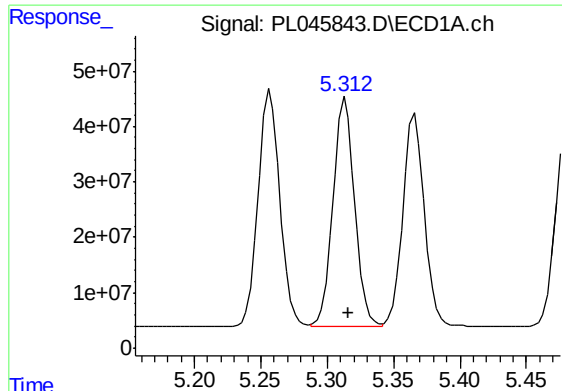
#10 gamma-Chlordane

R.T.: 5.257 min  
Delta R.T.: -0.003 min  
Response: 480604165  
Conc: 49.11 ng/ml



#10 gamma-Chlordane

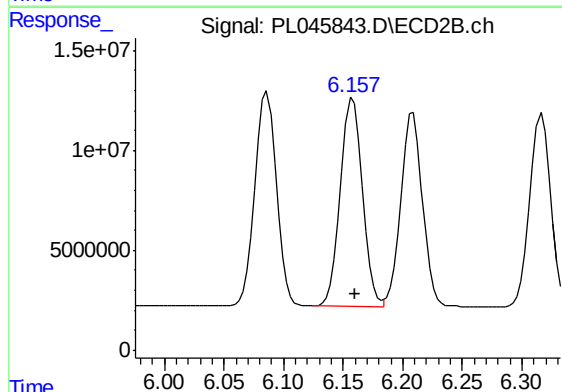
R.T.: 6.086 min  
Delta R.T.: -0.002 min  
Response: 134507537  
Conc: 50.13 ng/ml



#11 alpha-Chlordane

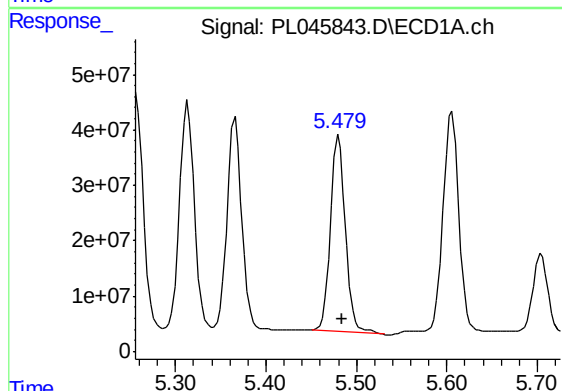
R.T.: 5.314 min  
Delta R.T.: -0.003 min  
Response: 470908888  
Conc: 48.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



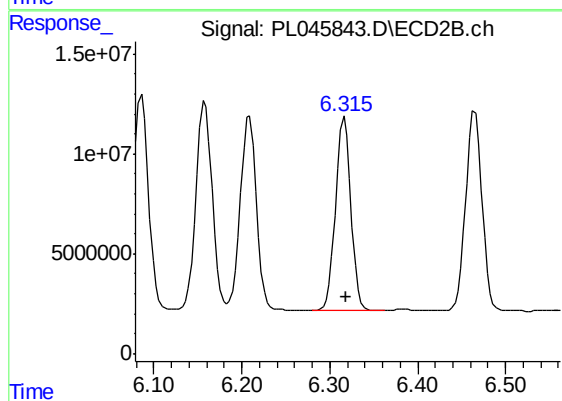
#11 alpha-Chlordane

R.T.: 6.158 min  
Delta R.T.: -0.002 min  
Response: 133425825  
Conc: 49.46 ng/ml



#12 4,4'-DDE

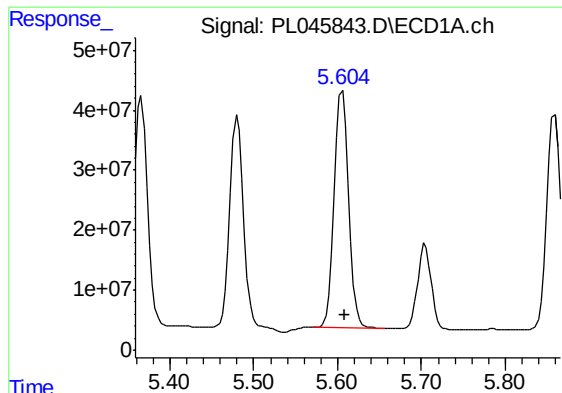
R.T.: 5.481 min  
Delta R.T.: -0.003 min  
Response: 408298998  
Conc: 46.51 ng/ml



#12 4,4'-DDE

R.T.: 6.317 min  
Delta R.T.: -0.001 min  
Response: 117388643  
Conc: 50.25 ng/ml

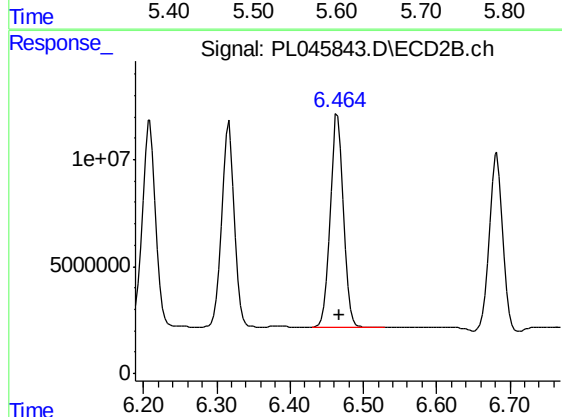




#13 Dielldrin

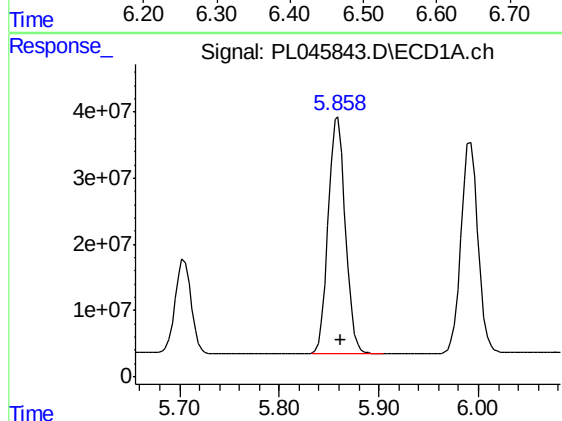
R.T.: 5.606 min  
Delta R.T.: -0.003 min  
Response: 474796498  
Conc: 49.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



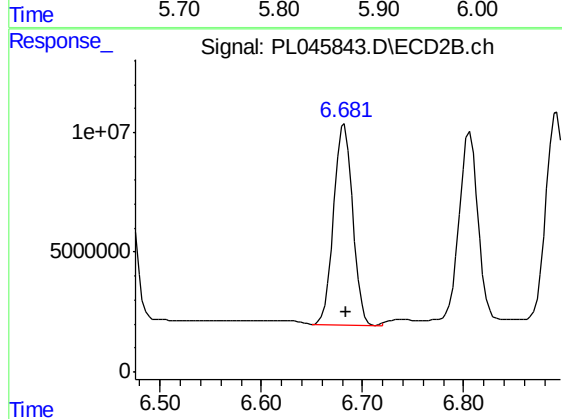
#13 Dielldrin

R.T.: 6.465 min  
Delta R.T.: -0.002 min  
Response: 128105853  
Conc: 49.85 ng/ml



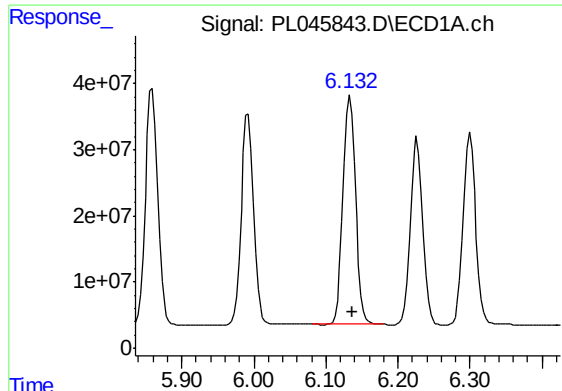
#14 Endrin

R.T.: 5.859 min  
Delta R.T.: -0.003 min  
Response: 426150941  
Conc: 47.32 ng/ml



#14 Endrin

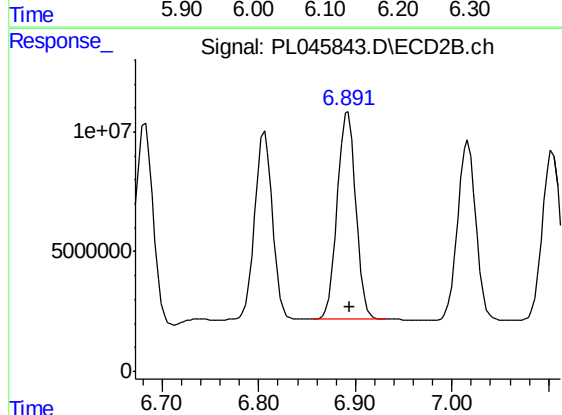
R.T.: 6.682 min  
Delta R.T.: -0.002 min  
Response: 108633606  
Conc: 47.75 ng/ml



#15 Endosulfan II

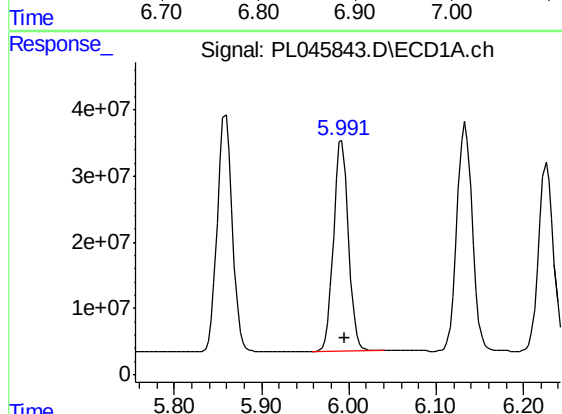
R.T.: 6.134 min  
Delta R.T.: -0.003 min  
Response: 418982660  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



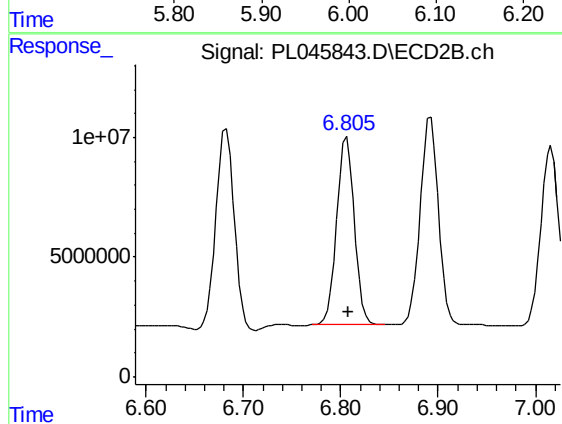
#15 Endosulfan II

R.T.: 6.892 min  
Delta R.T.: -0.001 min  
Response: 114000061  
Conc: 48.48 ng/ml



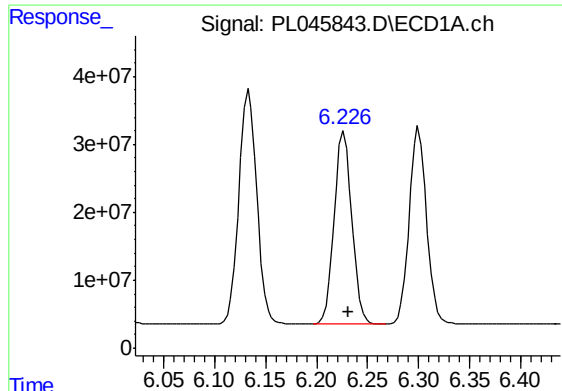
#16 4,4'-DDD

R.T.: 5.992 min  
Delta R.T.: -0.004 min  
Response: 376520580  
Conc: 51.42 ng/ml



#16 4,4'-DDD

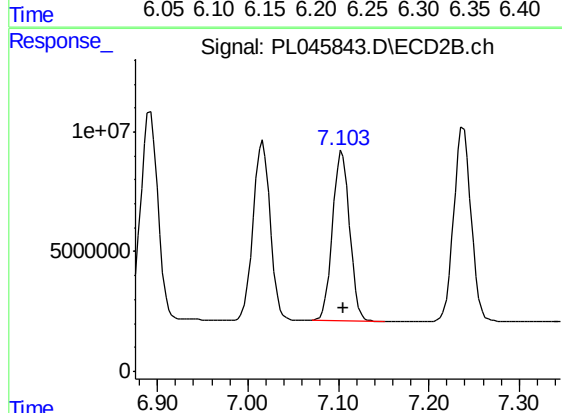
R.T.: 6.806 min  
Delta R.T.: -0.002 min  
Response: 100367445  
Conc: 52.19 ng/ml



#17 4,4'-DDT

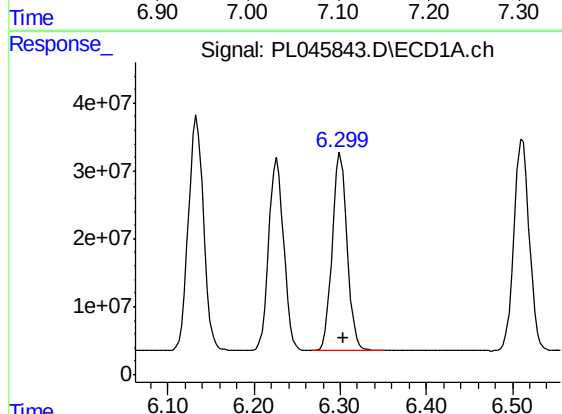
R.T.: 6.227 min  
Delta R.T.: -0.004 min  
Response: 340588248  
Conc: 45.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



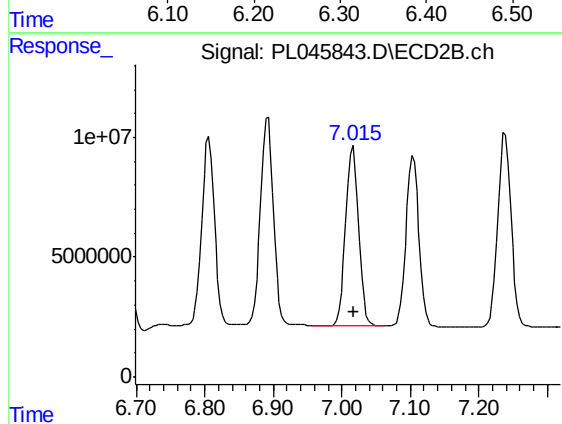
#17 4,4'-DDT

R.T.: 7.104 min  
Delta R.T.: -0.001 min  
Response: 92637217  
Conc: 46.94 ng/ml



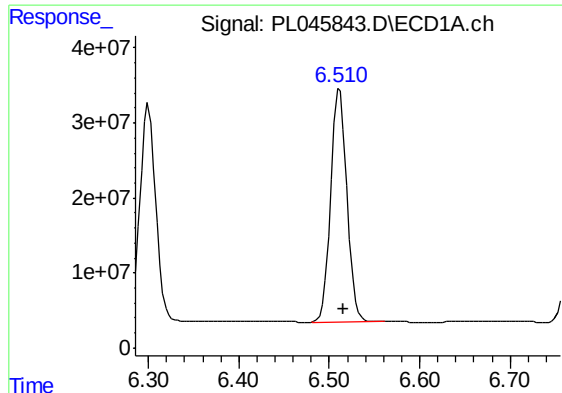
#18 Endrin aldehyde

R.T.: 6.300 min  
Delta R.T.: -0.003 min  
Response: 348406041  
Conc: 47.66 ng/ml



#18 Endrin aldehyde

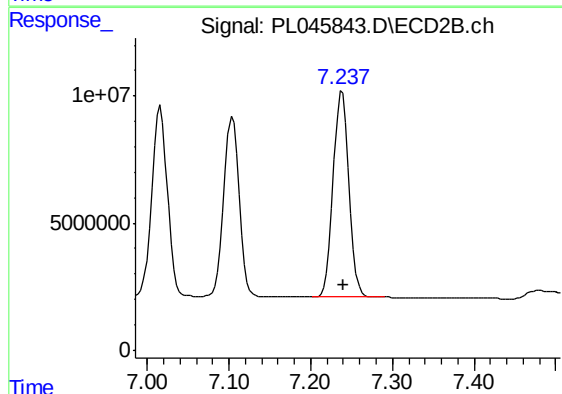
R.T.: 7.017 min  
Delta R.T.: 0.000 min  
Response: 98637259  
Conc: 48.25 ng/ml



#19 Endosulfan Sulfate

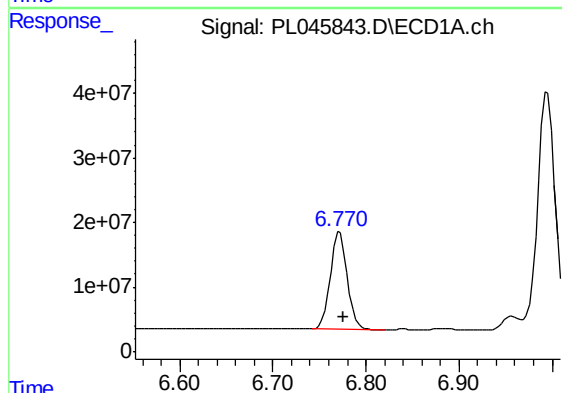
R.T.: 6.512 min  
Delta R.T.: -0.004 min  
Response: 386715144  
Conc: 47.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



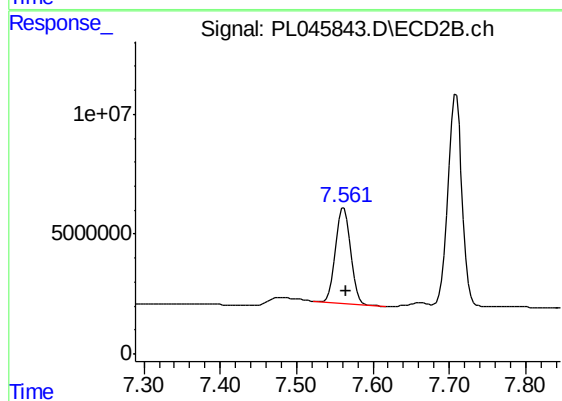
#19 Endosulfan Sulfate

R.T.: 7.238 min  
Delta R.T.: -0.002 min  
Response: 108914580  
Conc: 48.42 ng/ml



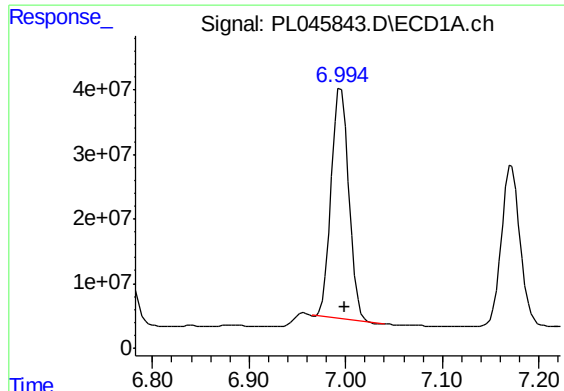
#20 Methoxychlor

R.T.: 6.772 min  
Delta R.T.: -0.004 min  
Response: 189256820  
Conc: 43.09 ng/ml



#20 Methoxychlor

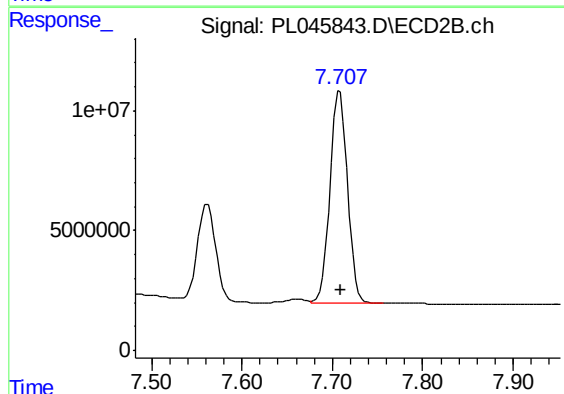
R.T.: 7.562 min  
Delta R.T.: -0.002 min  
Response: 54133214  
Conc: 44.10 ng/ml



#21 Endrin ketone

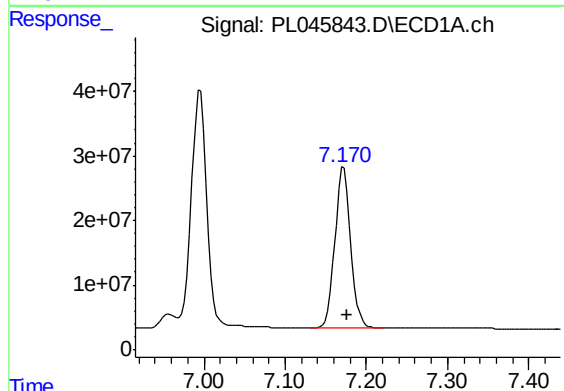
R.T.: 6.995 min  
Delta R.T.: -0.004 min  
Response: 442431429  
Conc: 48.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



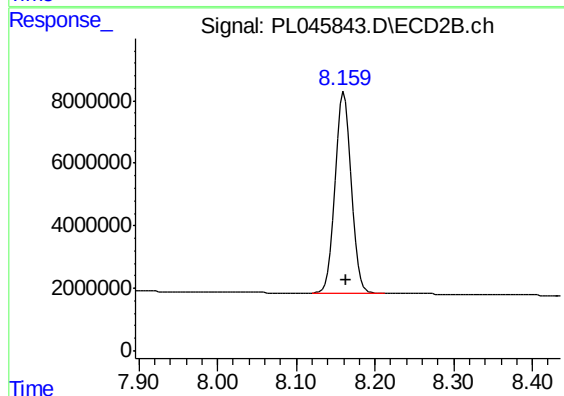
#21 Endrin ketone

R.T.: 7.709 min  
Delta R.T.: -0.001 min  
Response: 119069087  
Conc: 50.06 ng/ml



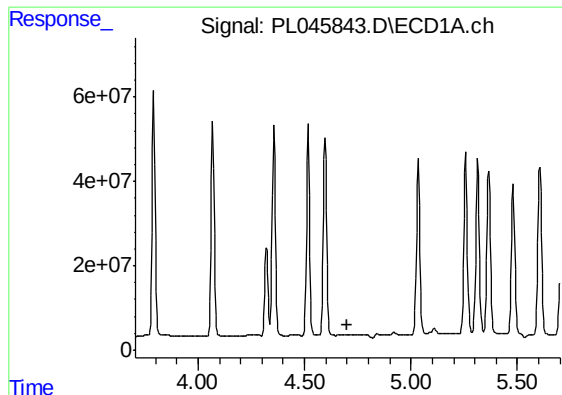
#22 Mirex

R.T.: 7.172 min  
Delta R.T.: -0.004 min  
Response: 336436309  
Conc: 45.22 ng/ml



#22 Mirex

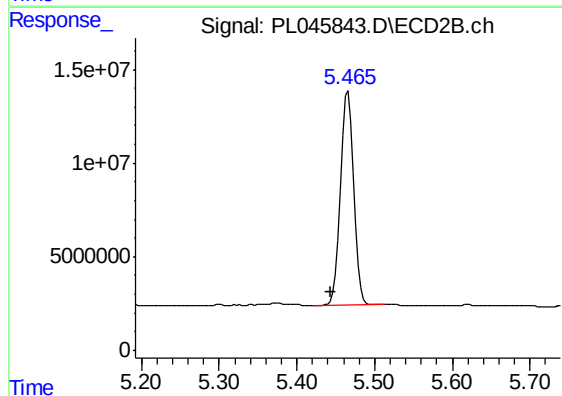
R.T.: 8.161 min  
Delta R.T.: -0.002 min  
Response: 93729866  
Conc: 47.06 ng/ml



#24 Chlordane-2

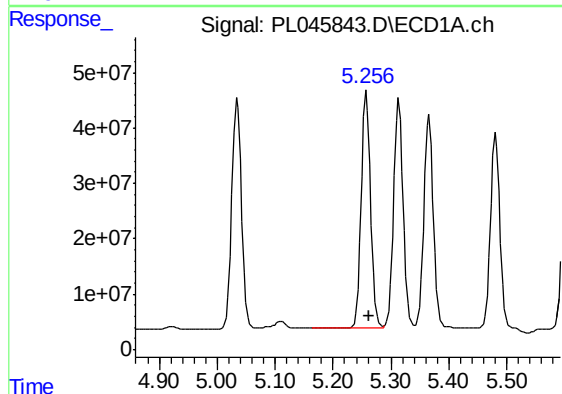
R.T.: 0.000 min  
Exp R.T.: 4.704 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



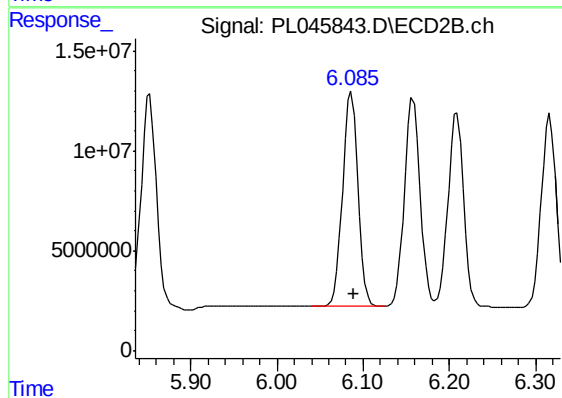
#24 Chlordane-2

R.T.: 5.466 min  
Delta R.T.: 0.023 min  
Response: 136856579  
Conc: 1132.64 ng/ml



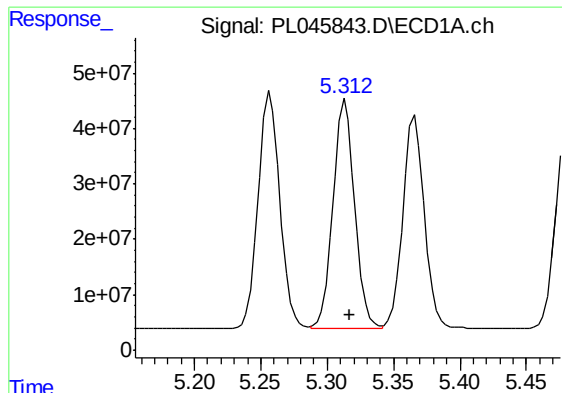
#25 Chlordane-3

R.T.: 5.257 min  
Delta R.T.: -0.005 min  
Response: 480604165  
Conc: 419.00 ng/ml



#25 Chlordane-3

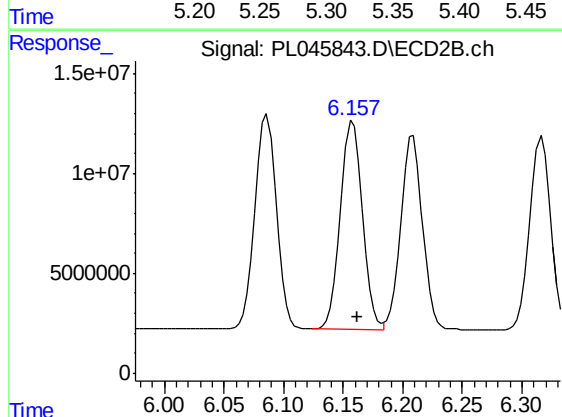
R.T.: 6.086 min  
Delta R.T.: -0.002 min  
Response: 134507537  
Conc: 345.22 ng/ml



#26 Chlordane-4

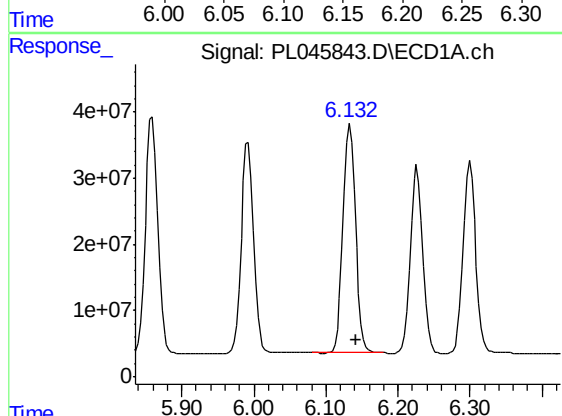
R.T.: 5.314 min  
Delta R.T.: -0.003 min  
Response: 470908888  
Conc: 444.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



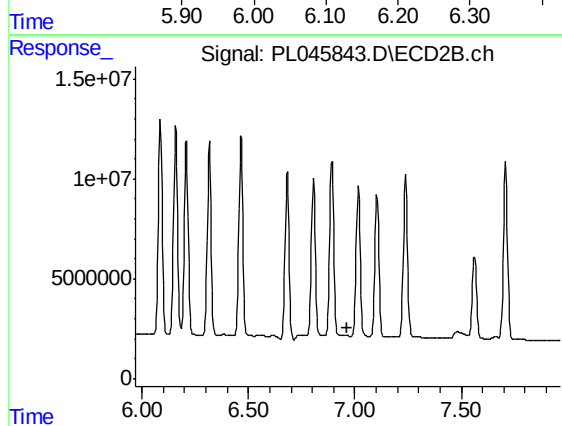
#26 Chlordane-4

R.T.: 6.158 min  
Delta R.T.: -0.004 min  
Response: 133425825  
Conc: 285.20 ng/ml



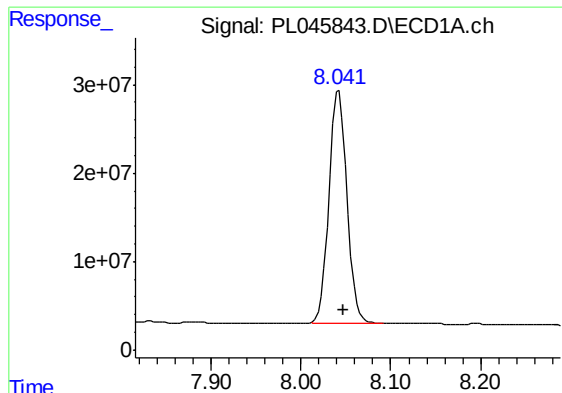
#27 Chlordane-5

R.T.: 6.134 min  
Delta R.T.: -0.009 min  
Response: 418982660  
Conc: 1213.22 ng/ml



#27 Chlordane-5

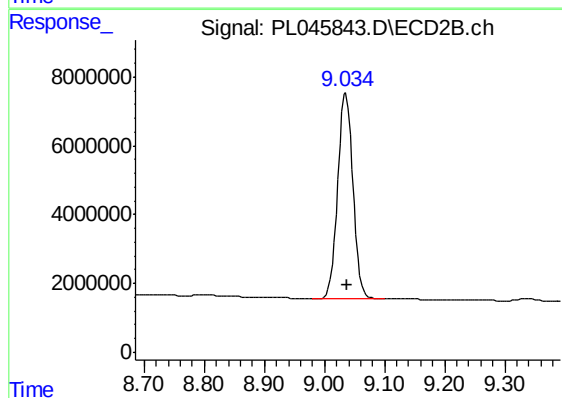
R.T.: 0.000 min  
Exp R.T. : 6.966 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.042 min  
Delta R.T.: -0.005 min  
Response: 365483707  
Conc: 43.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.036 min  
Delta R.T.: -0.003 min  
Response: 105258369  
Conc: 46.07 ng/ml