

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031819\  
 Data File : PL046113.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Mar 2019 22:55  
 Operator : AJ\SJ  
 Sample : PB118002BS  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB118002BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 19 01:04:39 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... | 3.361 | 3.979  | 111.7E6 | 34148444 | 16.236   | 15.946     |
| 28)                         | SA Decachlor... | 8.040 | 9.035  | 139.5E6 | 39858421 | 16.671   | 17.444     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.790 | 4.370  | 524.1E6 | 140.7E6  | 47.183   | 46.291     |
| 3)                          | MA gamma-BHC... | 4.068 | 4.654  | 480.1E6 | 129.8E6  | 47.506   | 45.939     |
| 4)                          | MA Heptachlor   | 4.355 | 5.161  | 499.8E6 | 137.2E6  | 47.367   | 46.133     |
| 5)                          | MB Aldrin       | 4.595 | 5.465  | 468.3E6 | 125.1E6  | 48.147   | 46.312     |
| 6)                          | B beta-BHC      | 4.320 | 4.826  | 197.8E6 | 59311382 | 46.145   | 46.703     |
| 7)                          | B delta-BHC     | 4.516 | 5.042  | 466.3E6 | 107.5E6  | 48.783   | 49.966     |
| 8)                          | B Heptachlor... | 5.033 | 5.851  | 440.9E6 | 112.8E6  | 47.245   | 46.961     |
| 9)                          | A Endosulfan I  | 5.365 | 6.207  | 424.3E6 | 113.9E6  | 47.470   | 45.742     |
| 10)                         | B gamma-Chl...  | 5.255 | 6.085  | 458.6E6 | 122.9E6  | 46.855   | 45.792     |
| 11)                         | B alpha-Chl...  | 5.312 | 6.157  | 449.8E6 | 122.8E6  | 46.383   | 45.510     |
| 12)                         | B 4,4'-DDE      | 5.479 | 6.316  | 415.1E6 | 107.5E6  | 47.285   | 46.035     |
| 13)                         | MA Dieldrin     | 5.604 | 6.464  | 454.7E6 | 118.0E6  | 47.574   | 45.909     |
| 14)                         | MA Endrin       | 5.857 | 6.682  | 406.6E6 | 99293507 | 45.150   | 43.640     |
| 15)                         | B Endosulfa...  | 6.132 | 6.891  | 405.6E6 | 105.1E6  | 46.786   | 44.691     |
| 16)                         | A 4,4'-DDD      | 5.990 | 6.805  | 352.4E6 | 90279217 | 48.129   | 46.945     |
| 17)                         | MA 4,4'-DDT     | 6.226 | 7.104  | 341.4E6 | 89901583 | 45.519   | 45.556     |
| 18)                         | B Endrin al...  | 6.299 | 7.015  | 343.8E6 | 92919782 | 47.037   | 45.455     |
| 19)                         | B Endosulfa...  | 6.510 | 7.238  | 369.8E6 | 102.4E6  | 45.497   | 45.534     |
| 20)                         | A Methoxychlor  | 6.770 | 7.562  | 189.7E6 | 53571084 | 43.185   | 43.645     |
| 21)                         | B Endrin ke...  | 6.993 | 7.708  | 433.5E6 | 110.5E6  | 47.058   | 46.441     |
| 22)                         | Mirex           | 7.170 | 8.160  | 315.5E6 | 87084547 | 42.401   | 43.724     |
| 24)                         | Chlordane-2     | 0.000 | 5.465f | 0       | 125.1E6  | N.D.     | 1035.220 # |
| 25)                         | Chlordane-3     | 5.255 | 6.085  | 458.6E6 | 122.9E6  | 399.787  | 315.320    |
| 26)                         | Chlordane-4     | 5.312 | 6.157  | 449.8E6 | 122.8E6  | 424.298  | 262.431 #  |
| 27)                         | Chlordane-5     | 6.132 | 0.000  | 405.6E6 | 0        | 1174.394 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

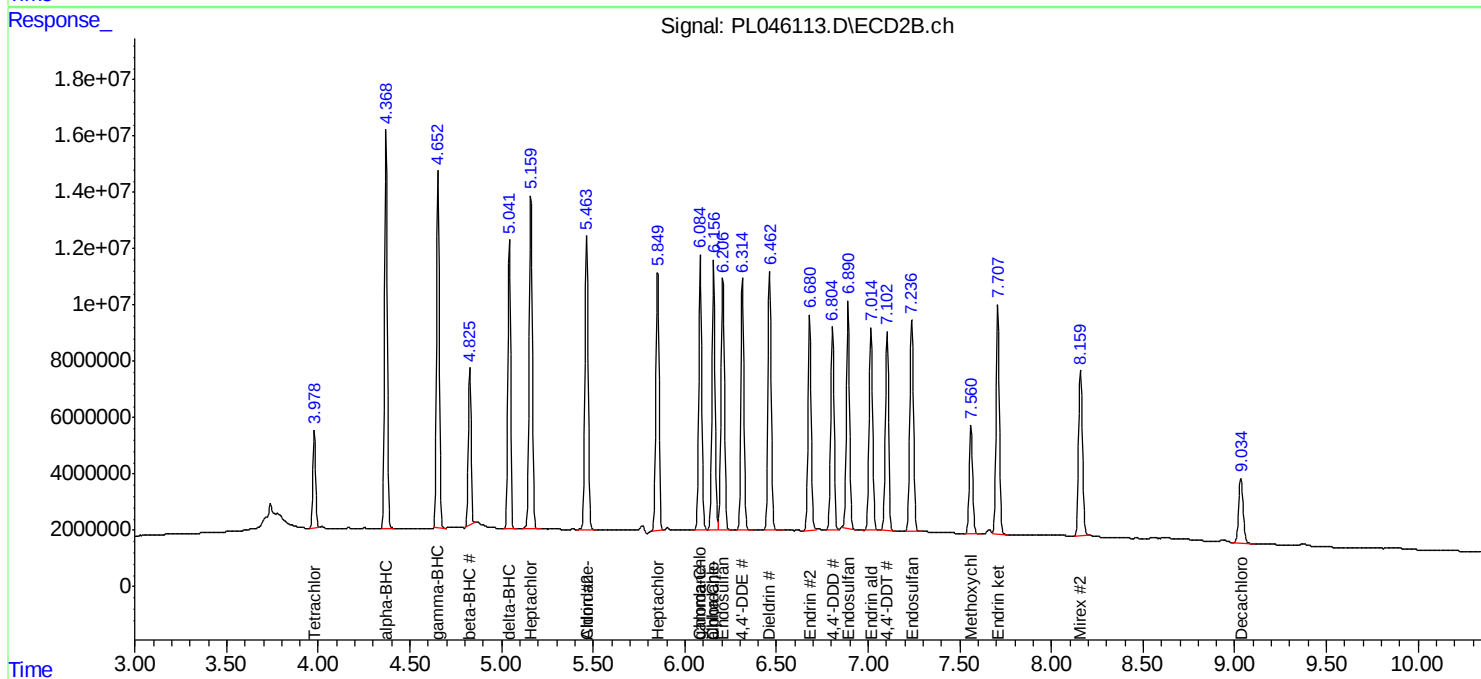
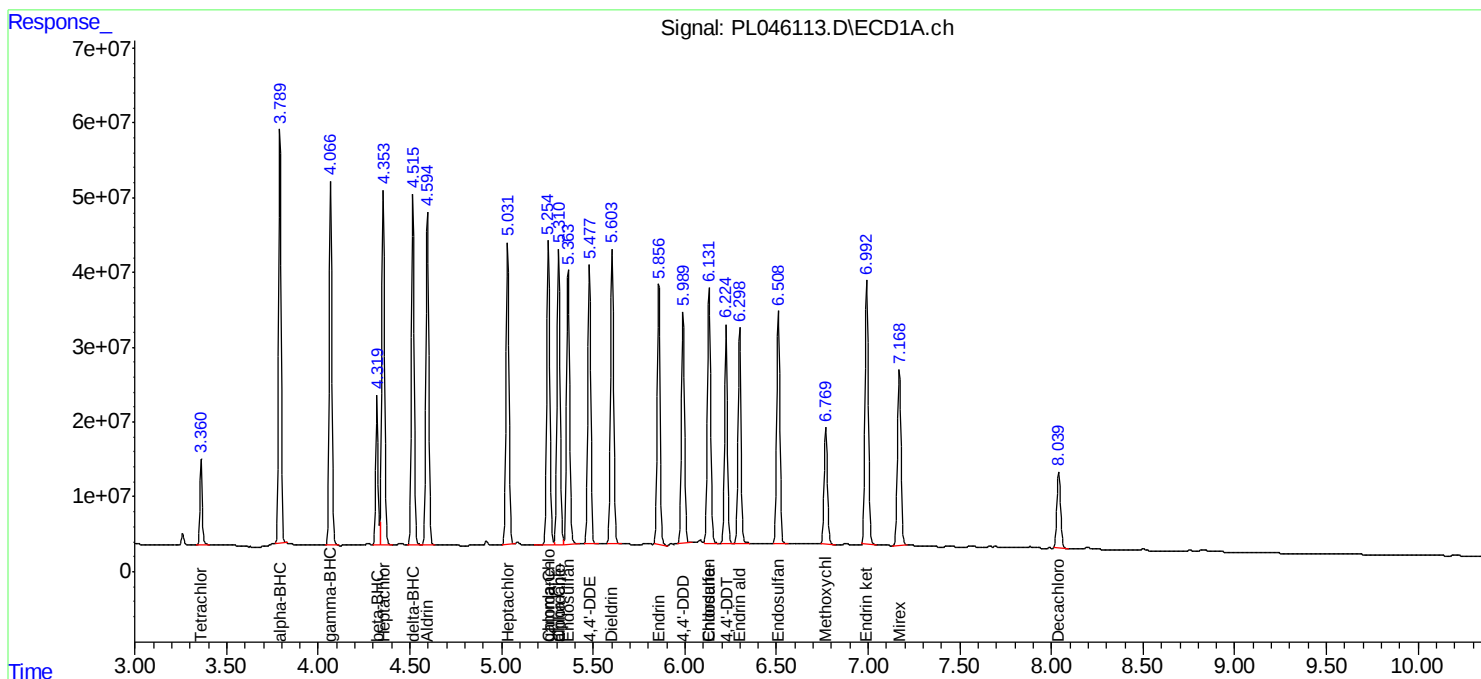
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

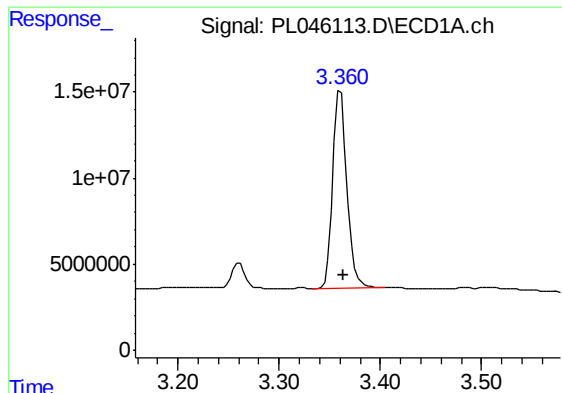
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031819\  
Data File : PL046113.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Mar 2019 22:55  
Operator : AJ\SJ  
Sample : PB118002BS  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB118002BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 19 01:04:39 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

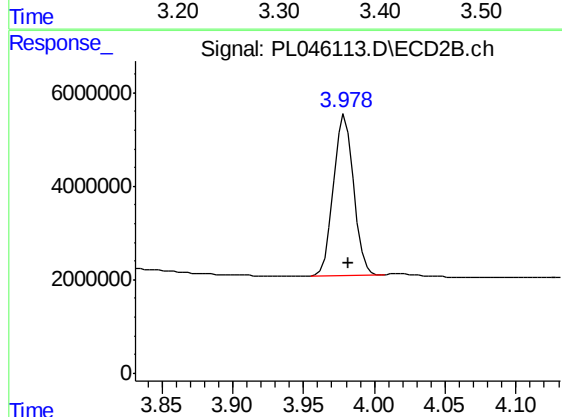




#1 Tetrachloro-m-xylene

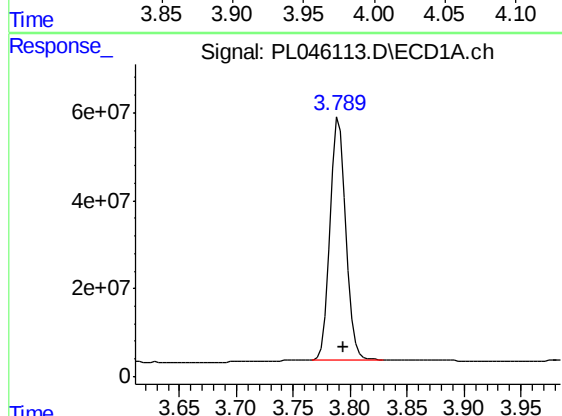
R.T.: 3.361 min  
Delta R.T.: -0.002 min  
Response: 111694959  
Conc: 16.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118002BS



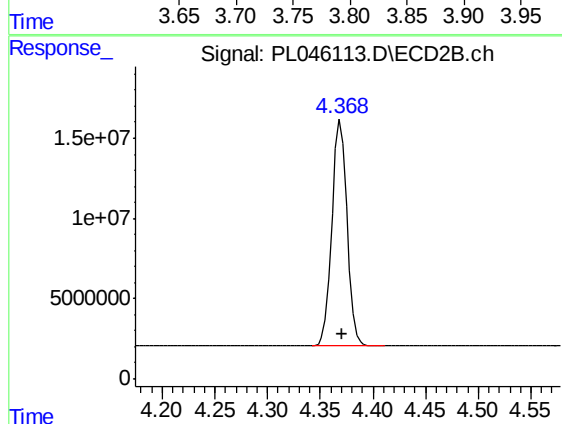
#1 Tetrachloro-m-xylene

R.T.: 3.979 min  
Delta R.T.: -0.002 min  
Response: 34148444  
Conc: 15.95 ng/ml



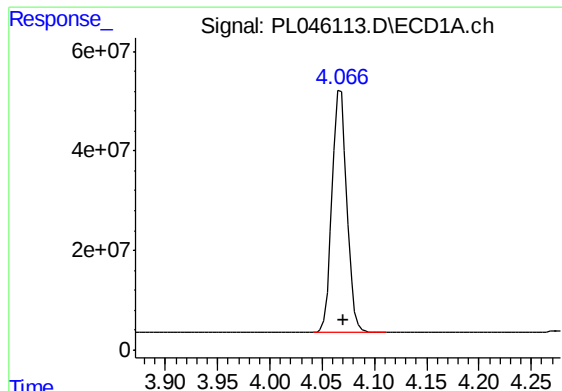
#2 alpha-BHC

R.T.: 3.790 min  
Delta R.T.: -0.003 min  
Response: 524076472  
Conc: 47.18 ng/ml



#2 alpha-BHC

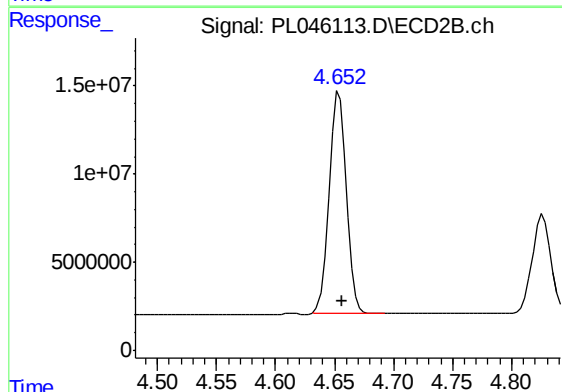
R.T.: 4.370 min  
Delta R.T.: -0.002 min  
Response: 140663563  
Conc: 46.29 ng/ml



#3 gamma-BHC (Lindane)

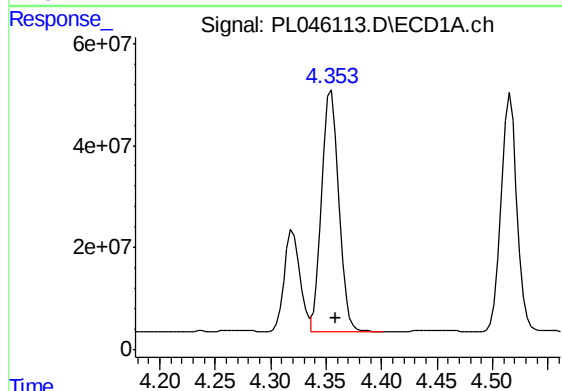
R.T.: 4.068 min  
Delta R.T.: -0.003 min  
Response: 480147171  
Conc: 47.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118002BS



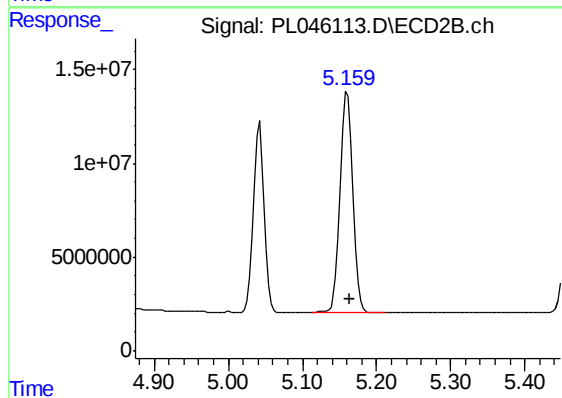
#3 gamma-BHC (Lindane)

R.T.: 4.654 min  
Delta R.T.: -0.002 min  
Response: 129759896  
Conc: 45.94 ng/ml



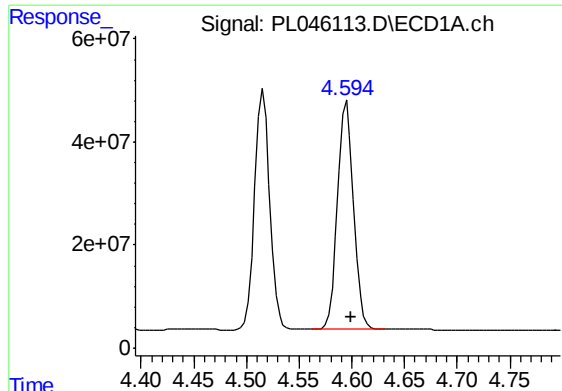
#4 Heptachlor

R.T.: 4.355 min  
Delta R.T.: -0.004 min  
Response: 499828111  
Conc: 47.37 ng/ml



#4 Heptachlor

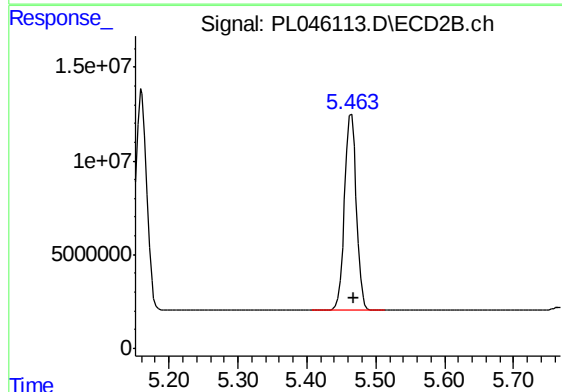
R.T.: 5.161 min  
Delta R.T.: -0.003 min  
Response: 137242418  
Conc: 46.13 ng/ml



#5 Aldrin

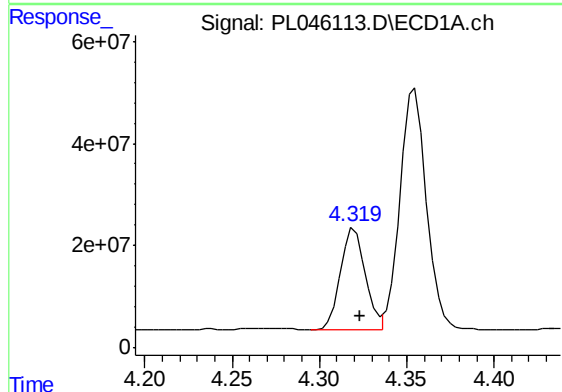
R.T.: 4.595 min  
Delta R.T.: -0.004 min  
Response: 468293208  
Conc: 48.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118002BS



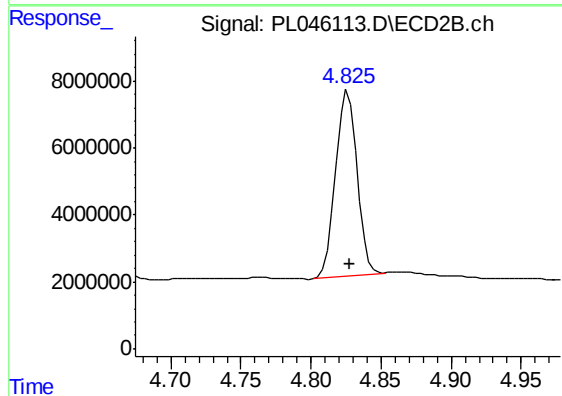
#5 Aldrin

R.T.: 5.465 min  
Delta R.T.: -0.003 min  
Response: 125085871  
Conc: 46.31 ng/ml



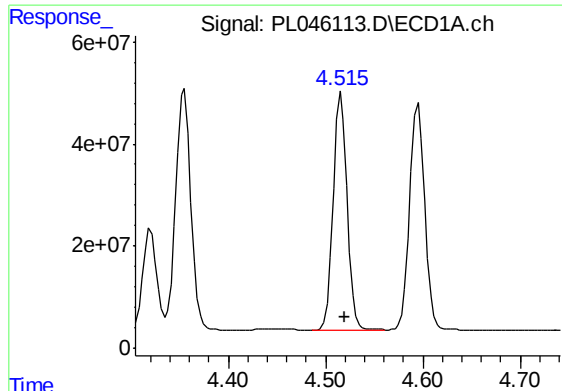
#6 beta-BHC

R.T.: 4.320 min  
Delta R.T.: -0.003 min  
Response: 197778394  
Conc: 46.14 ng/ml



#6 beta-BHC

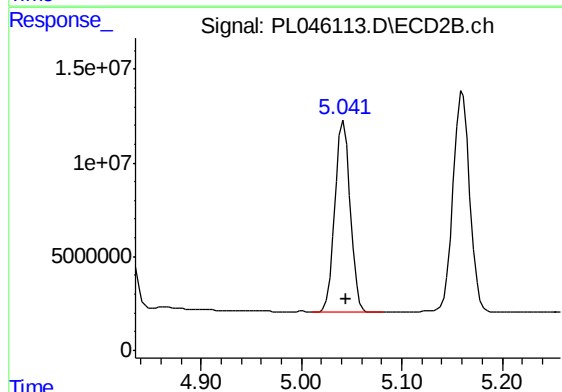
R.T.: 4.826 min  
Delta R.T.: -0.001 min  
Response: 59311382  
Conc: 46.70 ng/ml



#7 delta-BHC

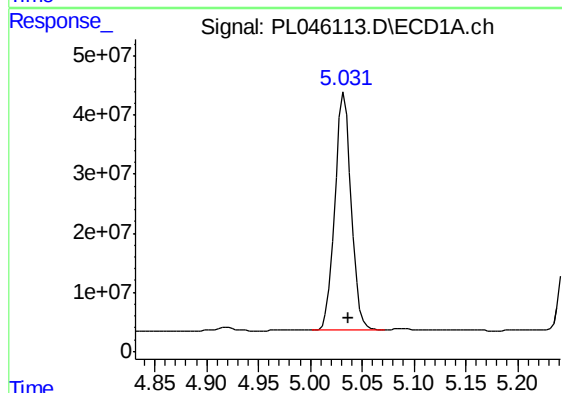
R.T.: 4.516 min  
Delta R.T.: -0.004 min  
Response: 466267485  
Conc: 48.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118002BS



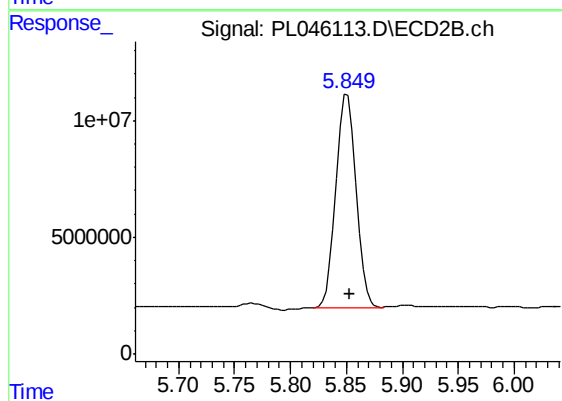
#7 delta-BHC

R.T.: 5.042 min  
Delta R.T.: -0.002 min  
Response: 107470783  
Conc: 49.97 ng/ml



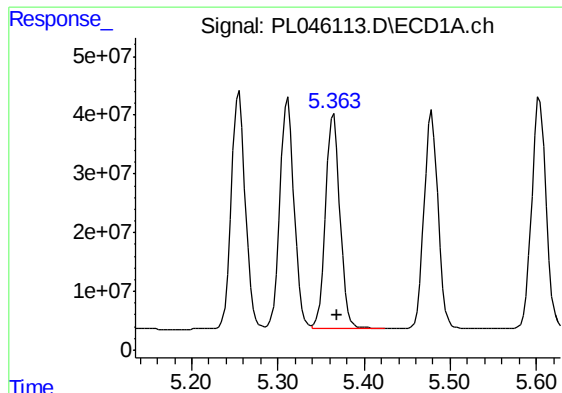
#8 Heptachlor epoxide

R.T.: 5.033 min  
Delta R.T.: -0.004 min  
Response: 440938457  
Conc: 47.24 ng/ml



#8 Heptachlor epoxide

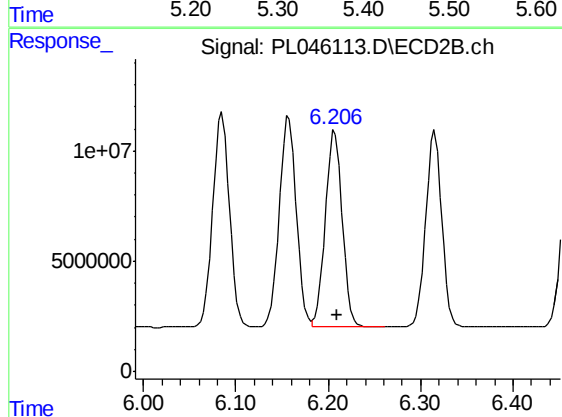
R.T.: 5.851 min  
Delta R.T.: -0.003 min  
Response: 112797384  
Conc: 46.96 ng/ml



#9 Endosulfan I

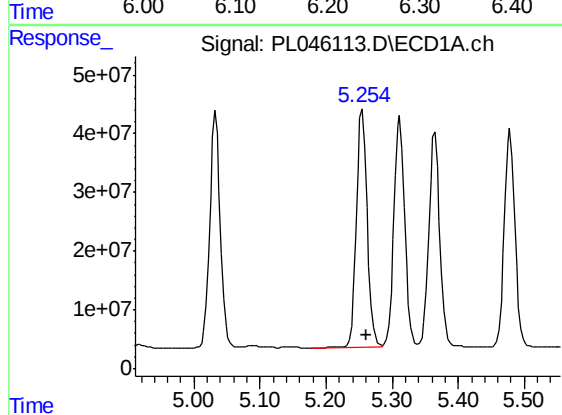
R.T.: 5.365 min  
Delta R.T.: -0.004 min  
Response: 424301281  
Conc: 47.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118002BS



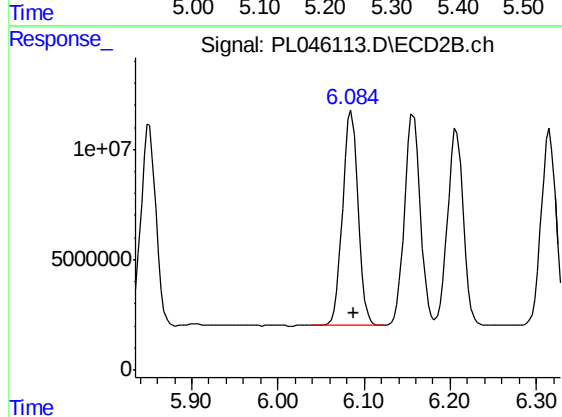
#9 Endosulfan I

R.T.: 6.207 min  
Delta R.T.: -0.003 min  
Response: 113910225  
Conc: 45.74 ng/ml



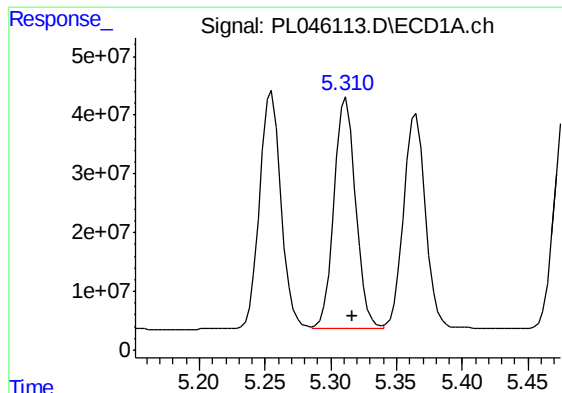
#10 gamma-Chlordane

R.T.: 5.255 min  
Delta R.T.: -0.006 min  
Response: 458564072  
Conc: 46.85 ng/ml



#10 gamma-Chlordane

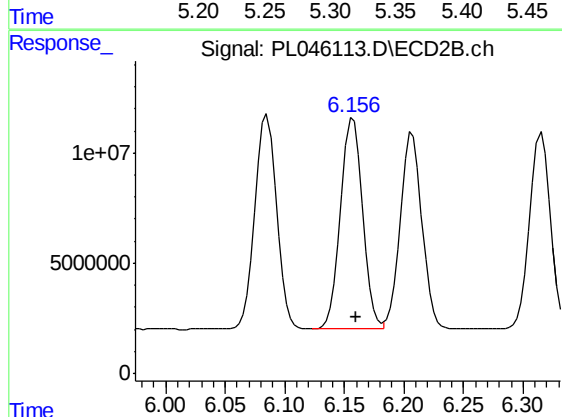
R.T.: 6.085 min  
Delta R.T.: -0.003 min  
Response: 122858134  
Conc: 45.79 ng/ml



#11 alpha-Chlordane

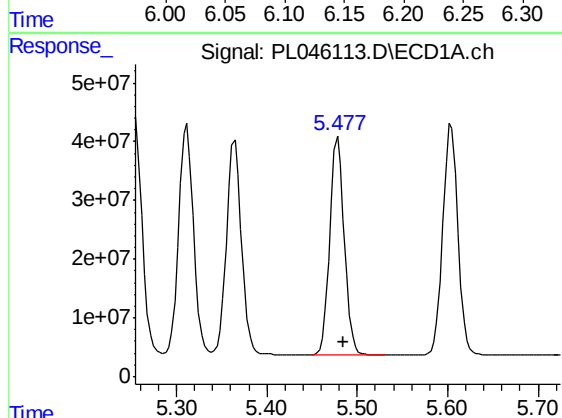
R.T.: 5.312 min  
Delta R.T.: -0.005 min  
Response: 449777978  
Conc: 46.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118002BS



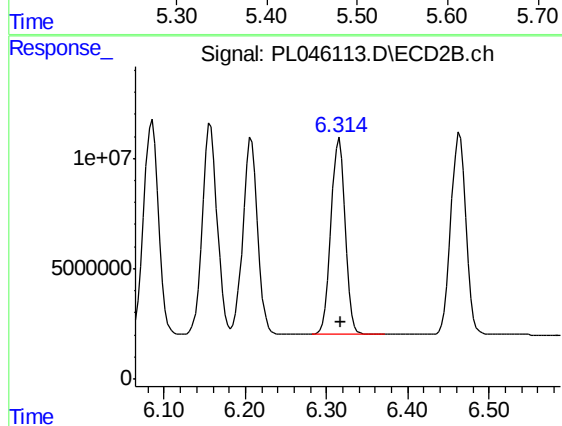
#11 alpha-Chlordane

R.T.: 6.157 min  
Delta R.T.: -0.003 min  
Response: 122772028  
Conc: 45.51 ng/ml



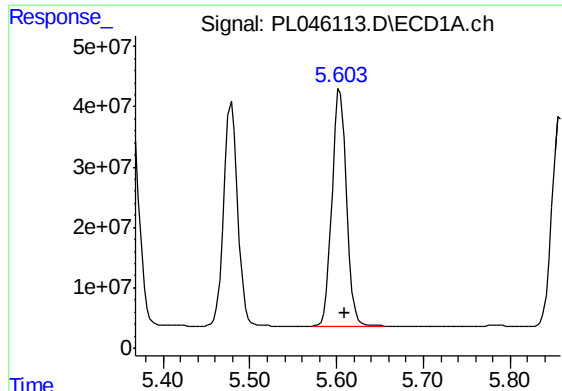
#12 4,4'-DDE

R.T.: 5.479 min  
Delta R.T.: -0.005 min  
Response: 415076259  
Conc: 47.28 ng/ml



#12 4,4'-DDE

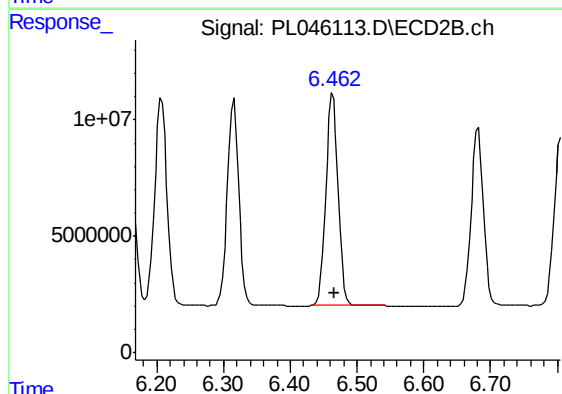
R.T.: 6.316 min  
Delta R.T.: -0.003 min  
Response: 107532867  
Conc: 46.03 ng/ml



#13 Dieldrin

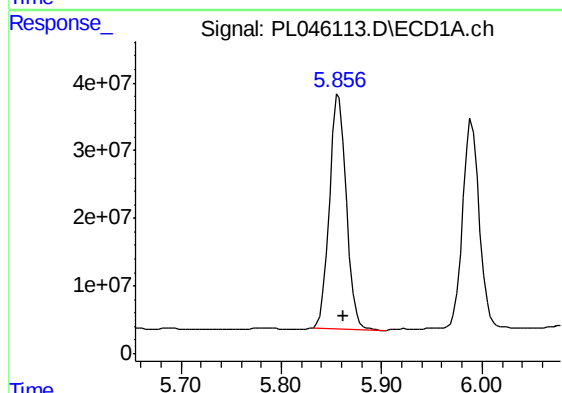
R.T.: 5.604 min  
Delta R.T.: -0.005 min  
Response: 454708524  
Conc: 47.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118002BS



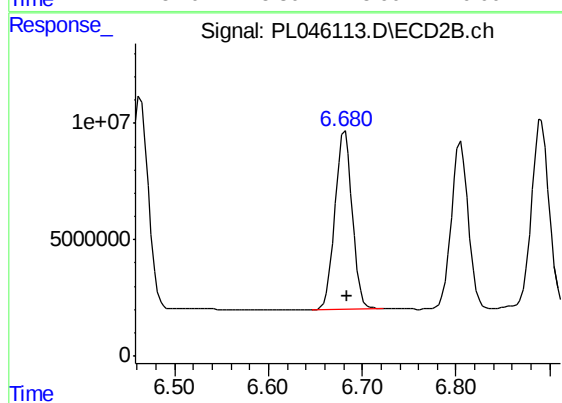
#13 Dieldrin

R.T.: 6.464 min  
Delta R.T.: -0.003 min  
Response: 117973336  
Conc: 45.91 ng/ml



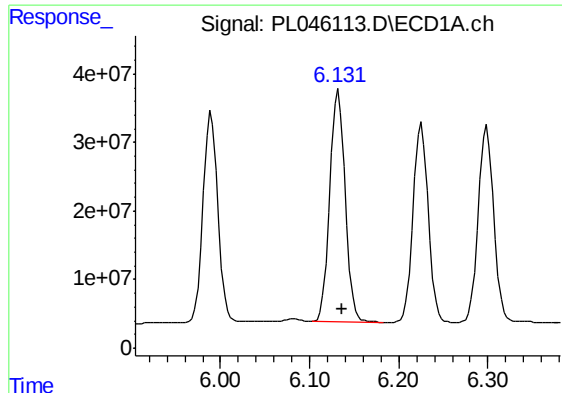
#14 Endrin

R.T.: 5.857 min  
Delta R.T.: -0.005 min  
Response: 406605530  
Conc: 45.15 ng/ml



#14 Endrin

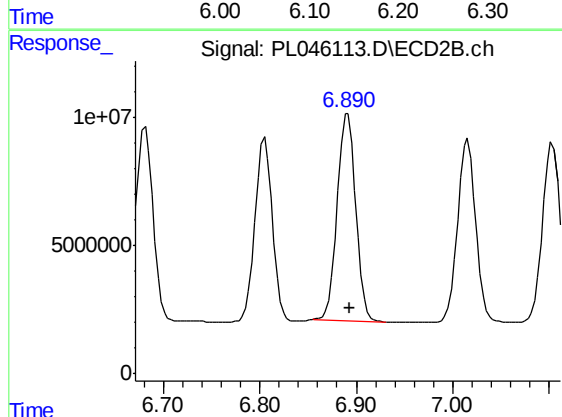
R.T.: 6.682 min  
Delta R.T.: -0.003 min  
Response: 99293507  
Conc: 43.64 ng/ml



#15 Endosulfan II

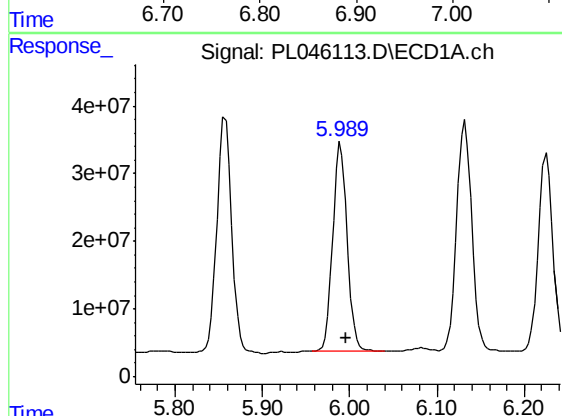
R.T.: 6.132 min  
Delta R.T.: -0.004 min  
Response: 405572786  
Conc: 46.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118002BS



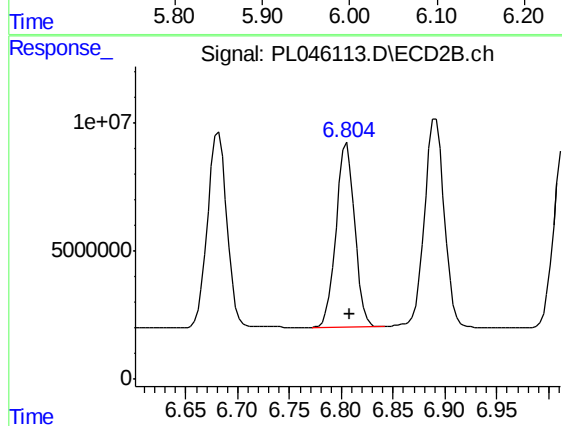
#15 Endosulfan II

R.T.: 6.891 min  
Delta R.T.: -0.003 min  
Response: 105097349  
Conc: 44.69 ng/ml



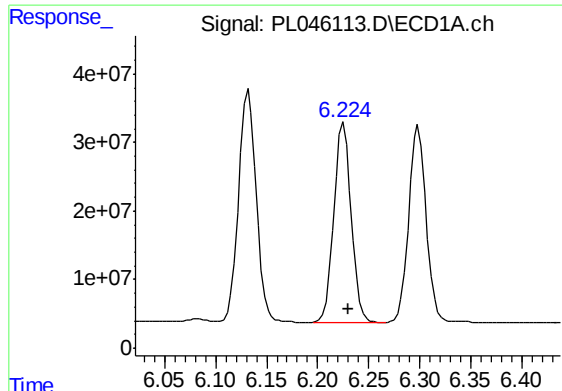
#16 4,4'-DDD

R.T.: 5.990 min  
Delta R.T.: -0.006 min  
Response: 352390985  
Conc: 48.13 ng/ml



#16 4,4'-DDD

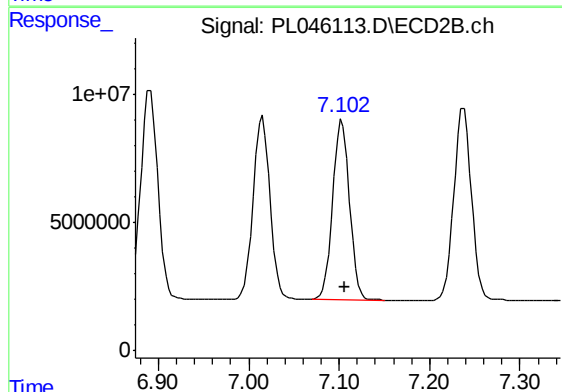
R.T.: 6.805 min  
Delta R.T.: -0.003 min  
Response: 90279217  
Conc: 46.94 ng/ml



#17 4,4'-DDT

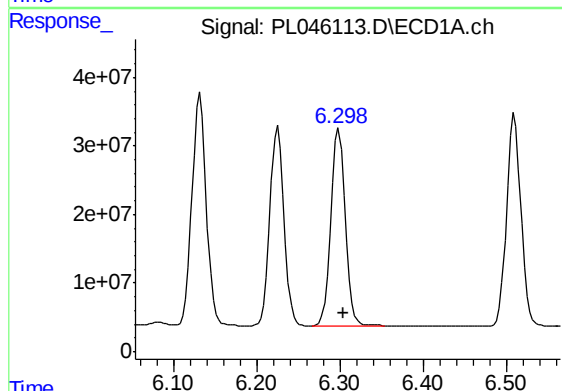
R.T.: 6.226 min  
Delta R.T.: -0.005 min  
Response: 341401334  
Conc: 45.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118002BS



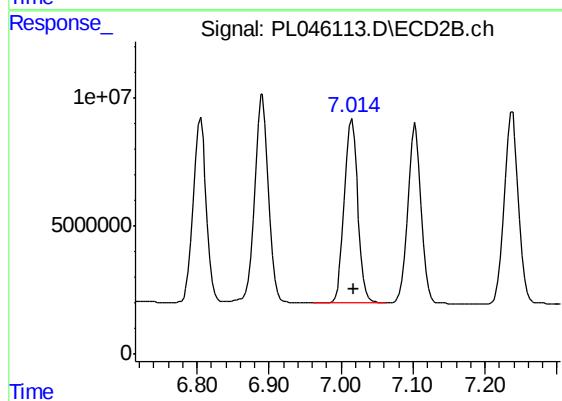
#17 4,4'-DDT

R.T.: 7.104 min  
Delta R.T.: -0.002 min  
Response: 89901583  
Conc: 45.56 ng/ml



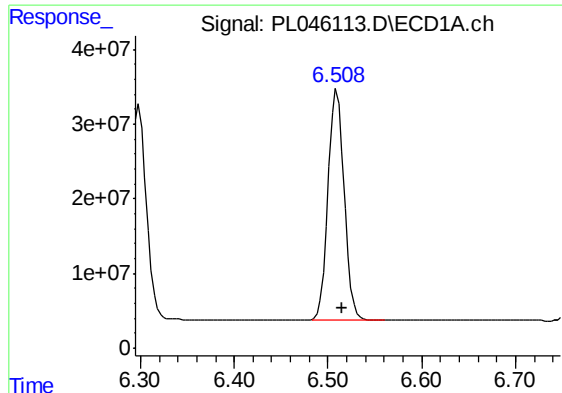
#18 Endrin aldehyde

R.T.: 6.299 min  
Delta R.T.: -0.005 min  
Response: 343819193  
Conc: 47.04 ng/ml



#18 Endrin aldehyde

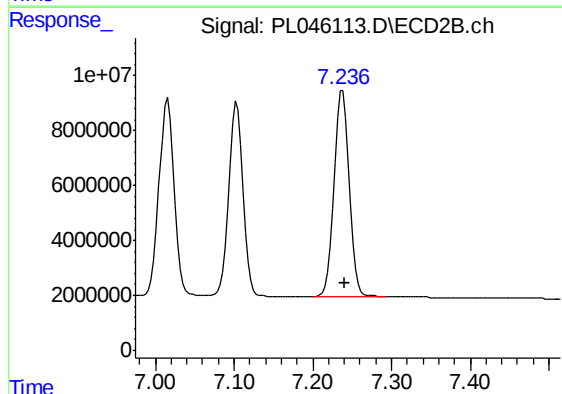
R.T.: 7.015 min  
Delta R.T.: -0.002 min  
Response: 92919782  
Conc: 45.46 ng/ml



#19 Endosulfan Sulfate

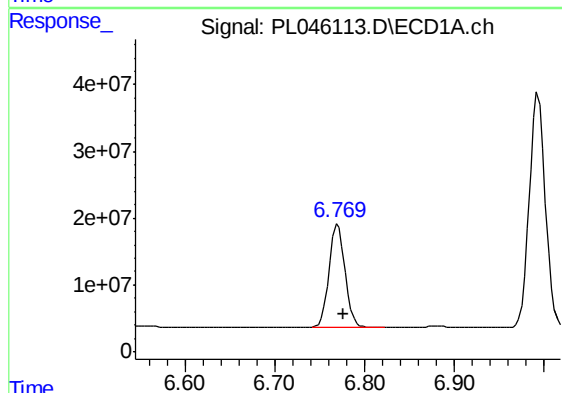
R.T.: 6.510 min  
Delta R.T.: -0.006 min  
Response: 369803171  
Conc: 45.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118002BS



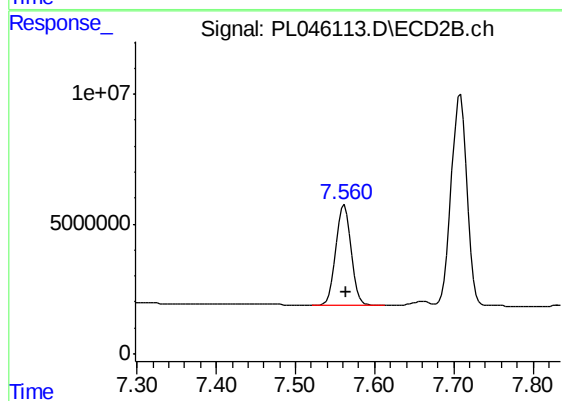
#19 Endosulfan Sulfate

R.T.: 7.238 min  
Delta R.T.: -0.003 min  
Response: 102428799  
Conc: 45.53 ng/ml



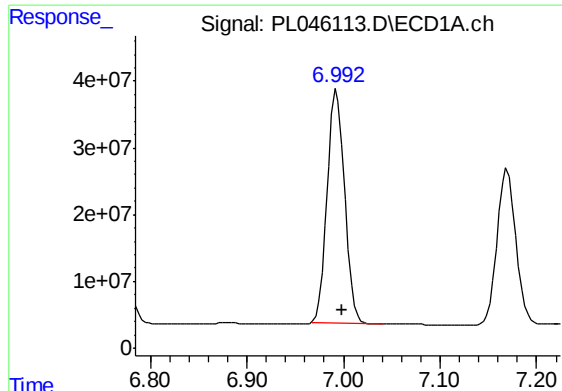
#20 Methoxychlor

R.T.: 6.770 min  
Delta R.T.: -0.006 min  
Response: 189654523  
Conc: 43.18 ng/ml



#20 Methoxychlor

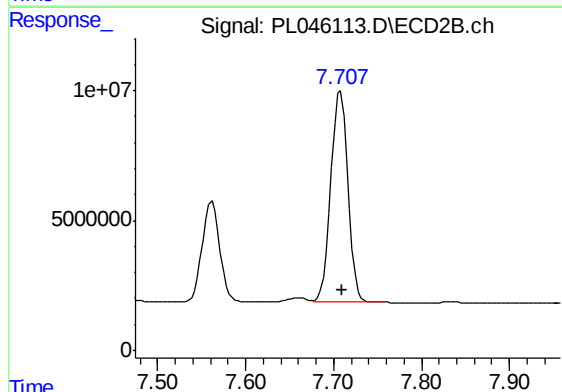
R.T.: 7.562 min  
Delta R.T.: -0.002 min  
Response: 53571084  
Conc: 43.65 ng/ml



#21 Endrin ketone

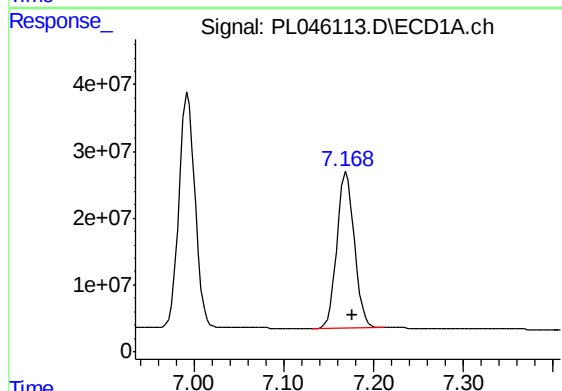
R.T.: 6.993 min  
Delta R.T.: -0.006 min  
Response: 433539379  
Conc: 47.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118002BS



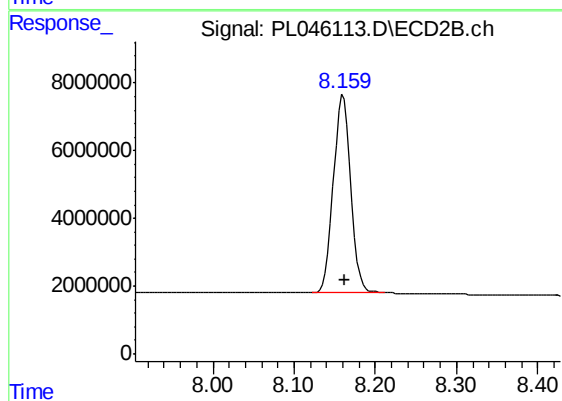
#21 Endrin ketone

R.T.: 7.708 min  
Delta R.T.: -0.002 min  
Response: 110455300  
Conc: 46.44 ng/ml



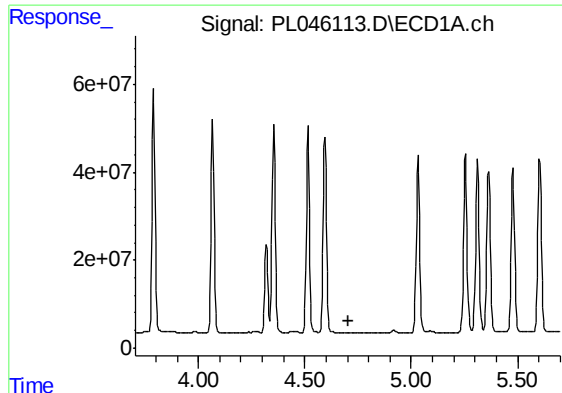
#22 Mirex

R.T.: 7.170 min  
Delta R.T.: -0.007 min  
Response: 315471133  
Conc: 42.40 ng/ml



#22 Mirex

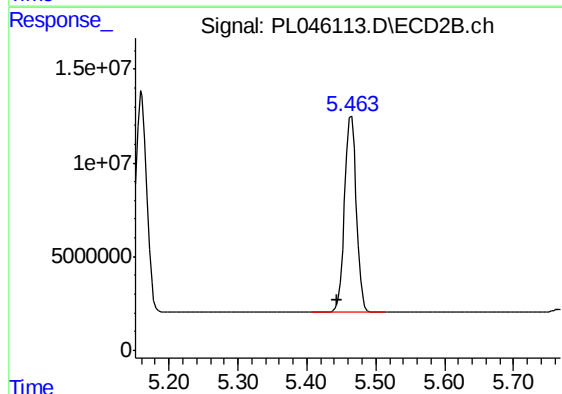
R.T.: 8.160 min  
Delta R.T.: -0.003 min  
Response: 87084547  
Conc: 43.72 ng/ml



#24 Chlordane-2

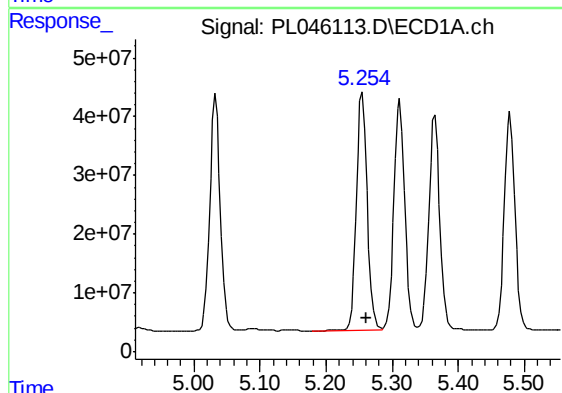
R.T.: 0.000 min  
Exp R.T.: 4.704 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB118002BS



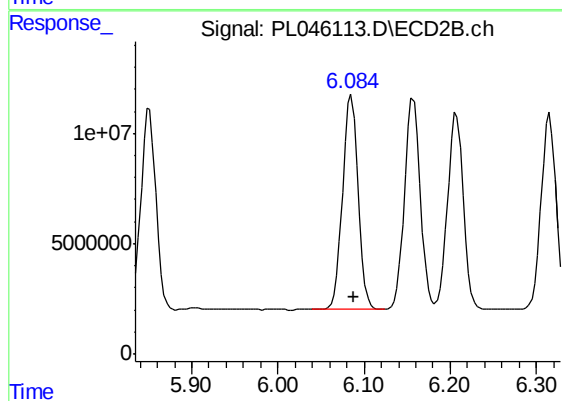
#24 Chlordane-2

R.T.: 5.465 min  
Delta R.T.: 0.021 min  
Response: 125085871  
Conc: 1035.22 ng/ml



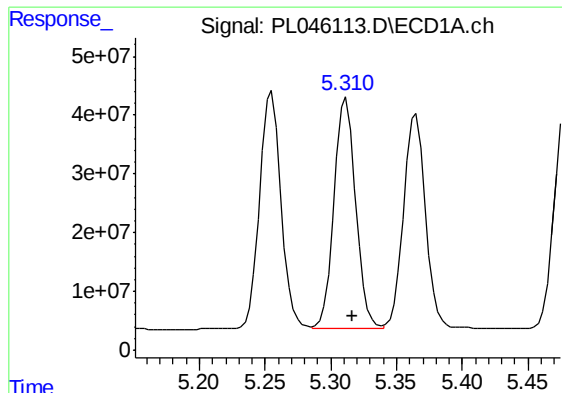
#25 Chlordane-3

R.T.: 5.255 min  
Delta R.T.: -0.007 min  
Response: 458564072  
Conc: 399.79 ng/ml



#25 Chlordane-3

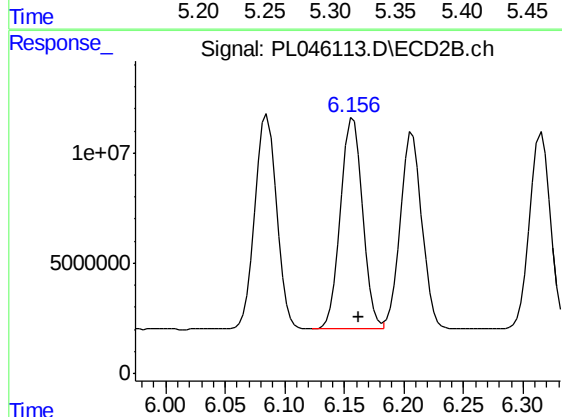
R.T.: 6.085 min  
Delta R.T.: -0.003 min  
Response: 122858134  
Conc: 315.32 ng/ml



#26 Chlordane-4

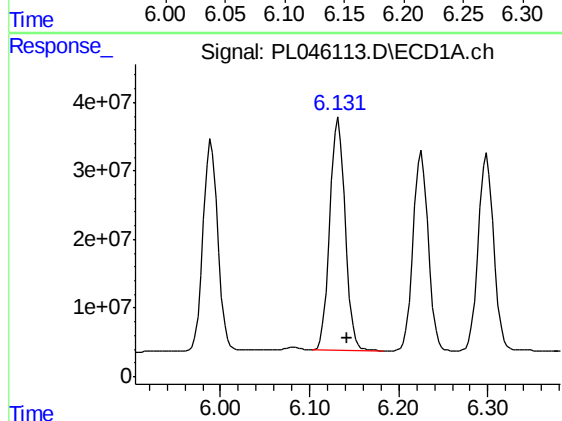
R.T.: 5.312 min  
Delta R.T.: -0.005 min  
Response: 449777978  
Conc: 424.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118002BS



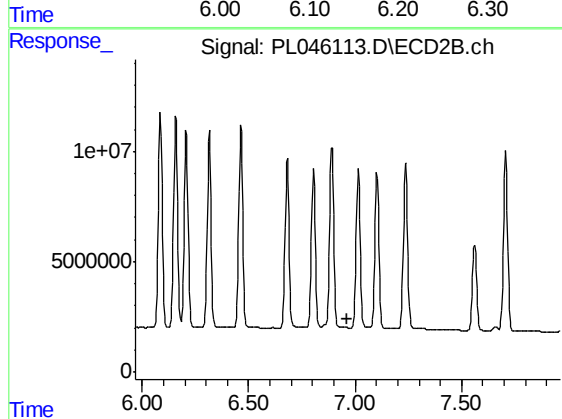
#26 Chlordane-4

R.T.: 6.157 min  
Delta R.T.: -0.005 min  
Response: 122772028  
Conc: 262.43 ng/ml



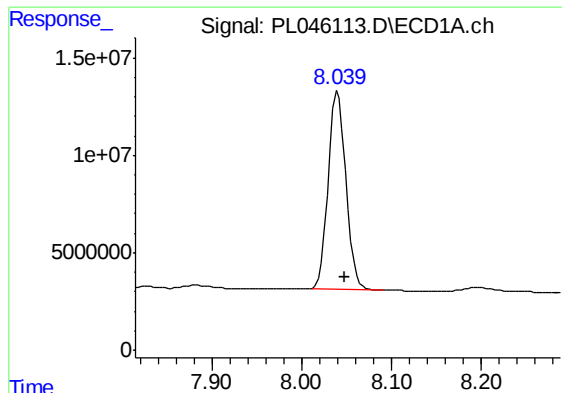
#27 Chlordane-5

R.T.: 6.132 min  
Delta R.T.: -0.011 min  
Response: 405572786  
Conc: 1174.39 ng/ml



#27 Chlordane-5

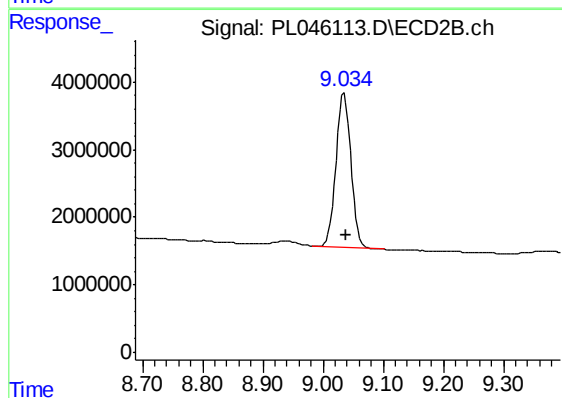
R.T.: 0.000 min  
Exp R.T. : 6.966 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.040 min  
Delta R.T.: -0.007 min  
Response: 139491434  
Conc: 16.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118002BS



#28 Decachlorobiphenyl

R.T.: 9.035 min  
Delta R.T.: -0.004 min  
Response: 39858421  
Conc: 17.44 ng/ml