

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031819\  
 Data File : PL046100.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Mar 2019 19:51  
 Operator : AJ\SJ  
 Sample : K1958-05MSD  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-3MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 19 01:01:27 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... | 3.360 | 3.979  | 104.2E6 | 31904359 | 15.141   | 14.898    |
| 28)                         | SA Decachlor... | 8.040 | 9.034  | 111.3E6 | 32024157 | 13.307   | 14.015    |
| Target Compounds            |                 |       |        |         |          |          |           |
| 2)                          | A alpha-BHC     | 3.790 | 4.369  | 462.5E6 | 122.9E6  | 41.638   | 40.452    |
| 3)                          | MA gamma-BHC... | 4.067 | 4.653  | 425.1E6 | 114.9E6  | 42.063   | 40.691    |
| 4)                          | MA Heptachlor   | 4.355 | 5.160  | 445.4E6 | 119.5E6  | 42.208   | 40.160    |
| 5)                          | MB Aldrin       | 4.595 | 5.464  | 407.0E6 | 109.0E6  | 41.848   | 40.373    |
| 6)                          | B beta-BHC      | 4.320 | 4.826  | 177.5E6 | 52724869 | 41.411   | 41.517    |
| 7)                          | B delta-BHC     | 4.516 | 5.042  | 407.3E6 | 80159604 | 42.617   | 37.268    |
| 8)                          | B Heptachlor... | 5.032 | 5.850  | 388.3E6 | 90941708 | 41.606   | 37.862    |
| 9)                          | A Endosulfan I  | 5.364 | 6.207  | 372.7E6 | 98240718 | 41.695   | 39.450    |
| 10)                         | B gamma-Chl...  | 5.255 | 6.085  | 433.9E6 | 109.3E6  | 44.337   | 40.722    |
| 11)                         | B alpha-Chl...  | 5.311 | 6.157  | 419.1E6 | 115.2E6  | 43.216   | 42.705    |
| 12)                         | B 4,4'-DDE      | 5.478 | 6.315  | 363.1E6 | 91951705 | 41.368   | 39.365    |
| 13)                         | MA Dieldrin     | 5.604 | 6.463  | 398.5E6 | 101.2E6  | 41.695   | 39.370    |
| 14)                         | MA Endrin       | 5.857 | 6.681  | 369.6E6 | 89238985 | 41.041   | 39.221    |
| 15)                         | B Endosulfa...  | 6.131 | 6.891  | 355.3E6 | 89043224 | 40.991   | 37.865    |
| 16)                         | A 4,4'-DDD      | 5.990 | 6.805  | 297.0E6 | 74877734 | 40.558   | 38.936    |
| 17)                         | MA 4,4'-DDT     | 6.225 | 7.103  | 302.0E6 | 77203818 | 40.271   | 39.121    |
| 18)                         | B Endrin al...  | 6.298 | 7.014  | 287.0E6 | 77893948 | 39.268   | 38.105    |
| 19)                         | B Endosulfa...  | 6.510 | 7.238  | 314.8E6 | 85859449 | 38.731   | 38.168    |
| 20)                         | A Methoxychlor  | 6.770 | 7.562  | 166.3E6 | 47134531 | 37.870   | 38.401    |
| 21)                         | B Endrin ke...  | 6.993 | 7.708  | 354.9E6 | 92839597 | 38.525   | 39.034    |
| 22)                         | Mirex           | 7.170 | 8.159  | 269.5E6 | 75113191 | 36.217   | 37.713    |
| 24)                         | Chlordane-2     | 0.000 | 5.464f | 0       | 109.0E6  | N.D.     | 902.462 # |
| 25)                         | Chlordane-3     | 5.255 | 6.085  | 433.9E6 | 109.3E6  | 378.307  | 280.407 # |
| 26)                         | Chlordane-4     | 5.311 | 6.157  | 419.1E6 | 115.2E6  | 395.321  | 246.258 # |
| 27)                         | Chlordane-5     | 6.131 | 0.000  | 355.3E6 | 0        | 1028.921 | N.D. #    |
| -----                       |                 |       |        |         |          |          |           |

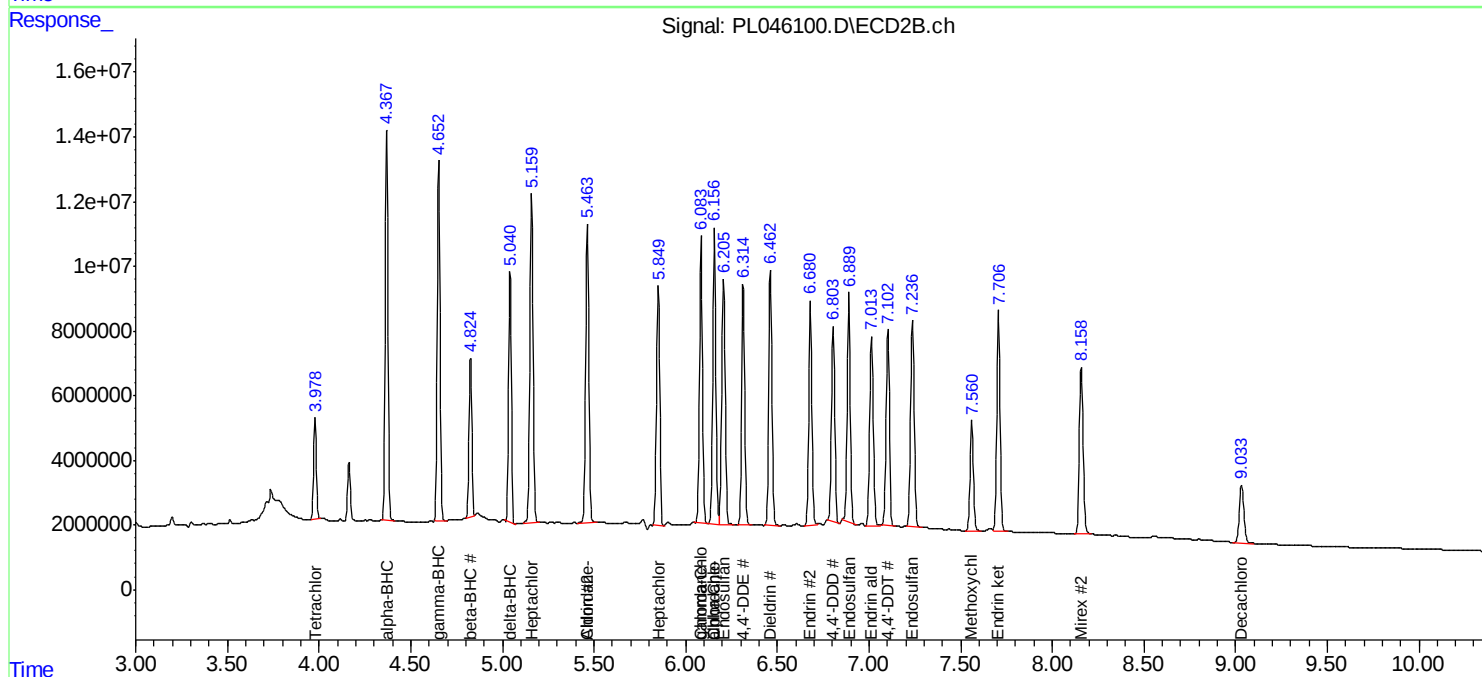
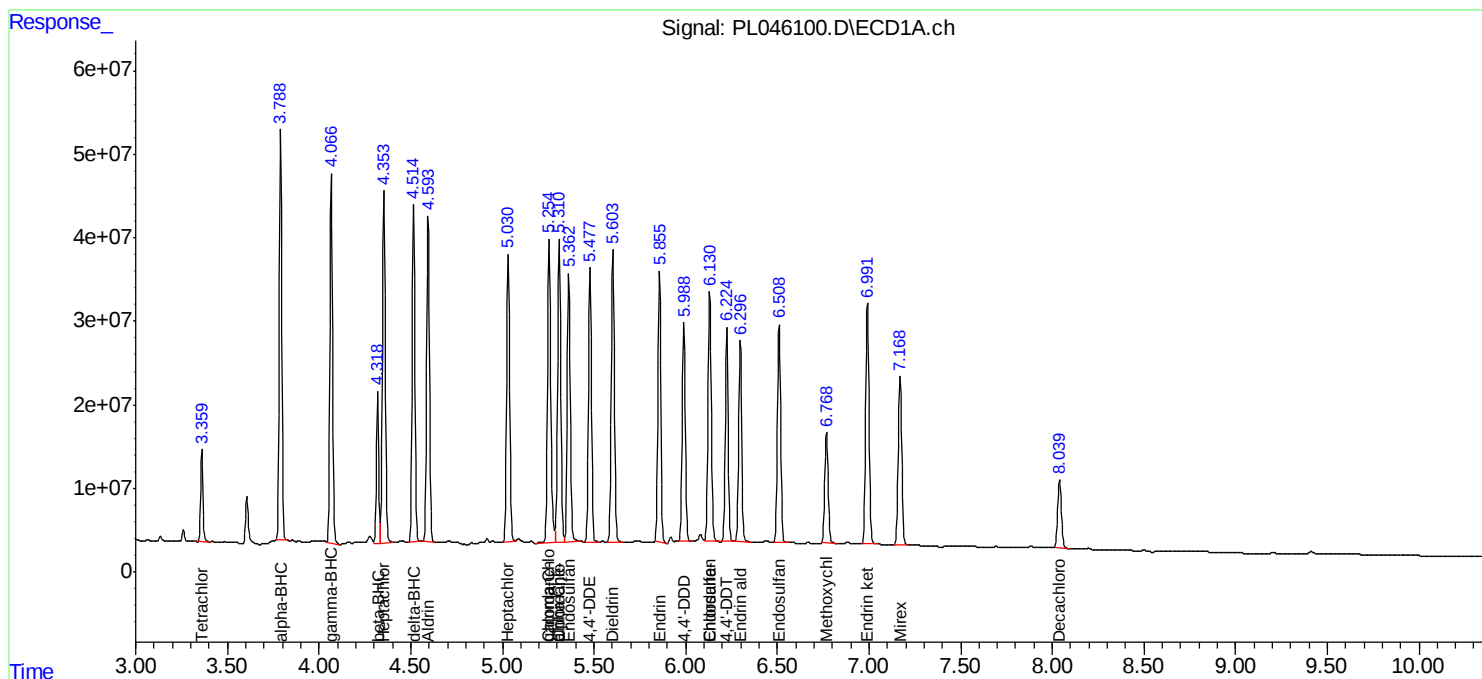
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

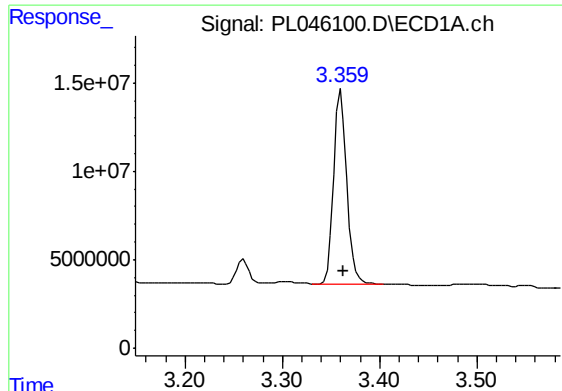
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031819\  
Data File : PL046100.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Mar 2019 19:51  
Operator : AJ\SJ  
Sample : K1958-05MSD  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 19 01:01:27 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

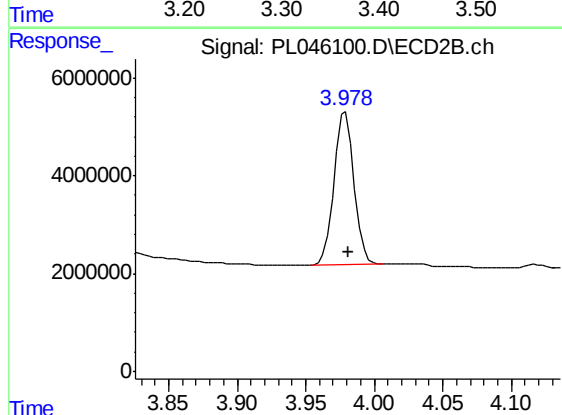




#1 Tetrachloro-m-xylene

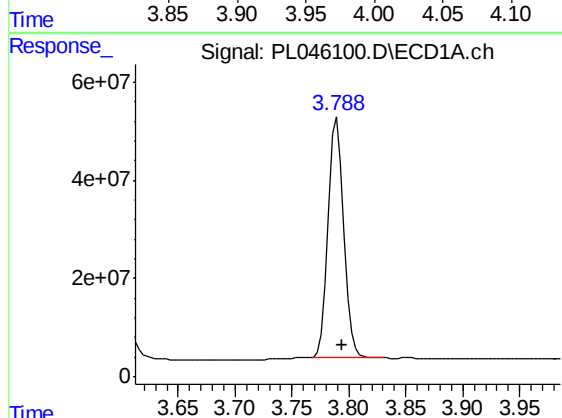
R.T.: 3.360 min  
Delta R.T.: -0.003 min  
Response: 104157466  
Conc: 15.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD



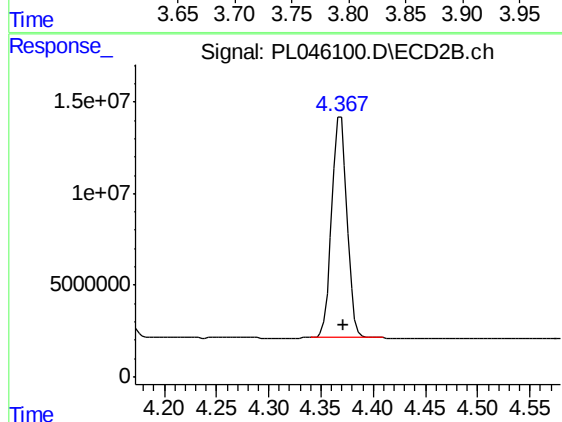
#1 Tetrachloro-m-xylene

R.T.: 3.979 min  
Delta R.T.: -0.003 min  
Response: 31904359  
Conc: 14.90 ng/ml



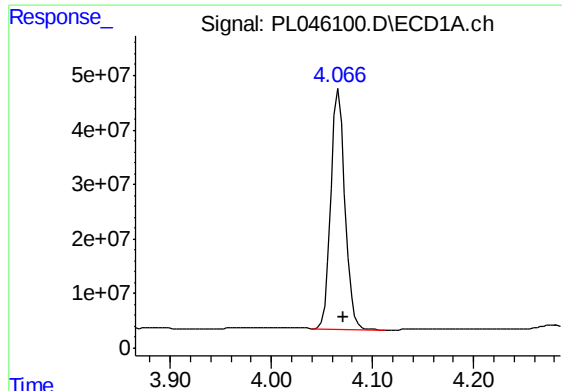
#2 alpha-BHC

R.T.: 3.790 min  
Delta R.T.: -0.004 min  
Response: 462486337  
Conc: 41.64 ng/ml



#2 alpha-BHC

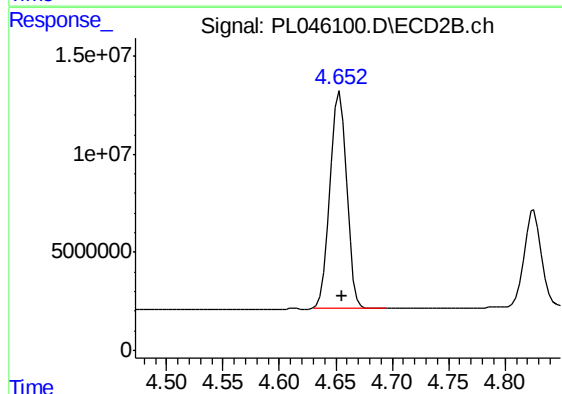
R.T.: 4.369 min  
Delta R.T.: -0.002 min  
Response: 122918558  
Conc: 40.45 ng/ml



#3 gamma-BHC (Lindane)

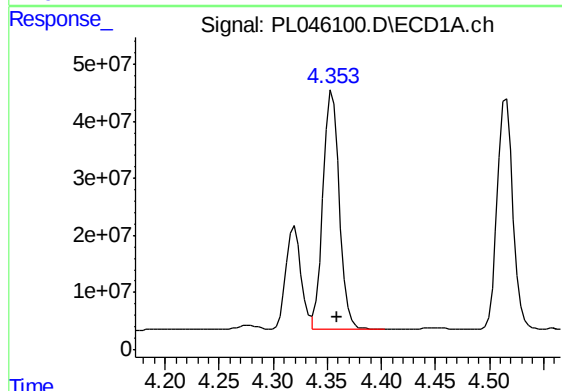
R.T.: 4.067 min  
Delta R.T.: -0.004 min  
Response: 425140381  
Conc: 42.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD



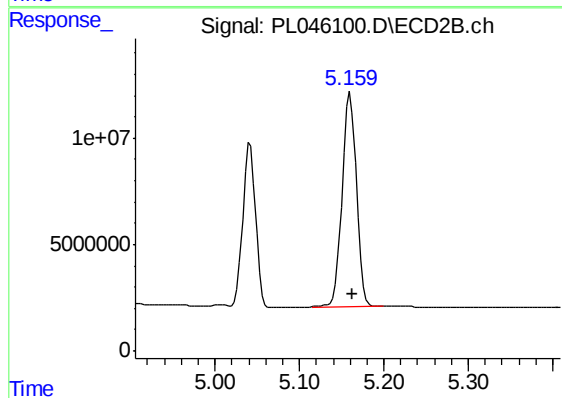
#3 gamma-BHC (Lindane)

R.T.: 4.653 min  
Delta R.T.: -0.003 min  
Response: 114936551  
Conc: 40.69 ng/ml



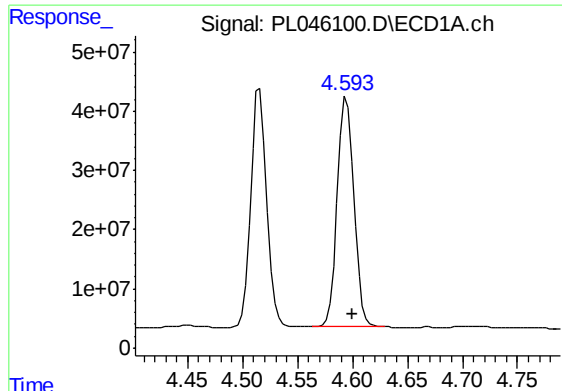
#4 Heptachlor

R.T.: 4.355 min  
Delta R.T.: -0.004 min  
Response: 445388137  
Conc: 42.21 ng/ml



#4 Heptachlor

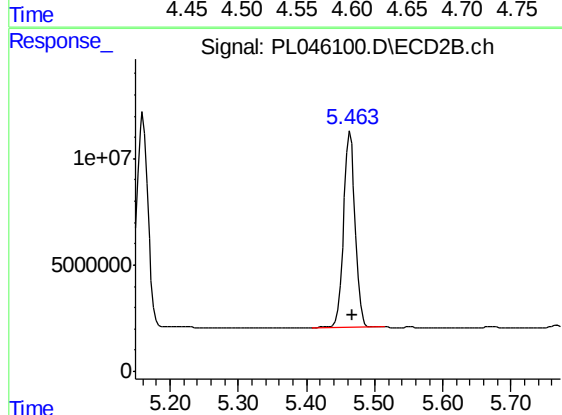
R.T.: 5.160 min  
Delta R.T.: -0.003 min  
Response: 119473989  
Conc: 40.16 ng/ml



#5 Aldrin

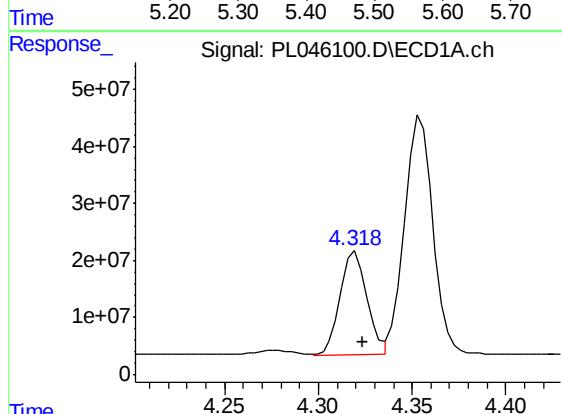
R.T.: 4.595 min  
Delta R.T.: -0.005 min  
Response: 407026990  
Conc: 41.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD



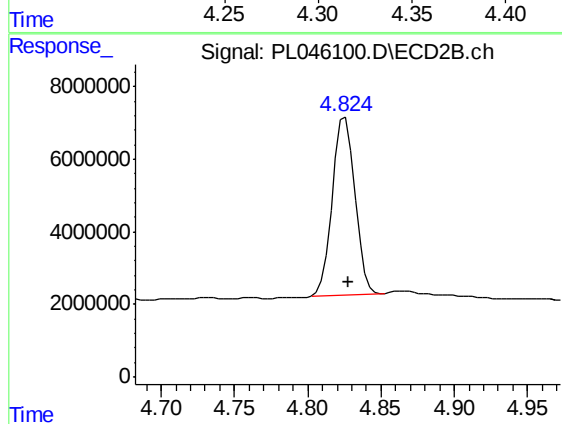
#5 Aldrin

R.T.: 5.464 min  
Delta R.T.: -0.003 min  
Response: 109044699  
Conc: 40.37 ng/ml



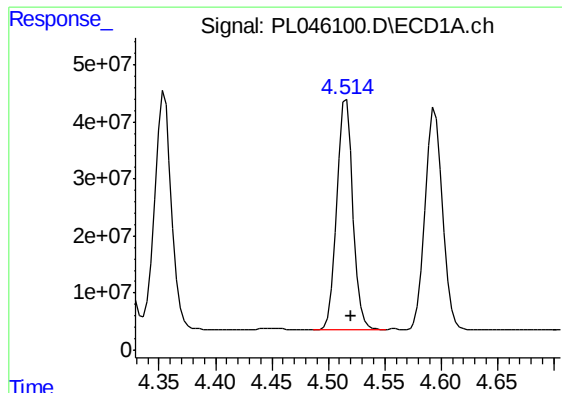
#6 beta-BHC

R.T.: 4.320 min  
Delta R.T.: -0.004 min  
Response: 177490339  
Conc: 41.41 ng/ml



#6 beta-BHC

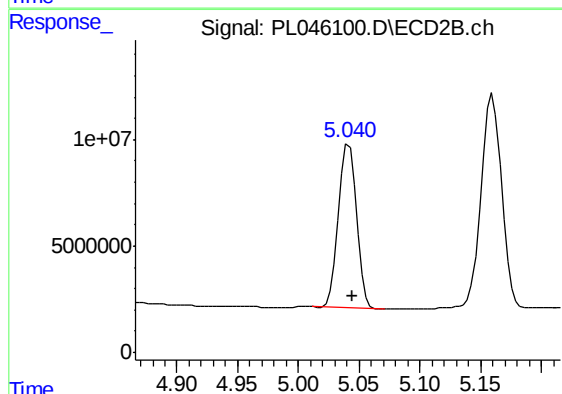
R.T.: 4.826 min  
Delta R.T.: -0.002 min  
Response: 52724869  
Conc: 41.52 ng/ml



#7 delta-BHC

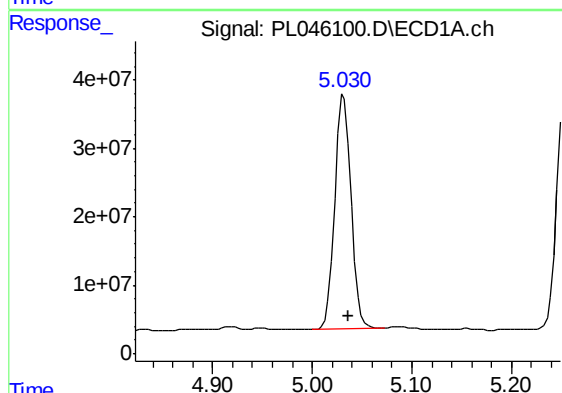
R.T.: 4.516 min  
Delta R.T.: -0.004 min  
Response: 407326322  
Conc: 42.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD



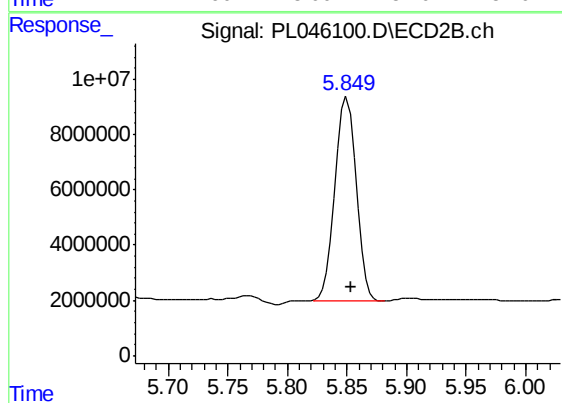
#7 delta-BHC

R.T.: 5.042 min  
Delta R.T.: -0.002 min  
Response: 80159604  
Conc: 37.27 ng/ml



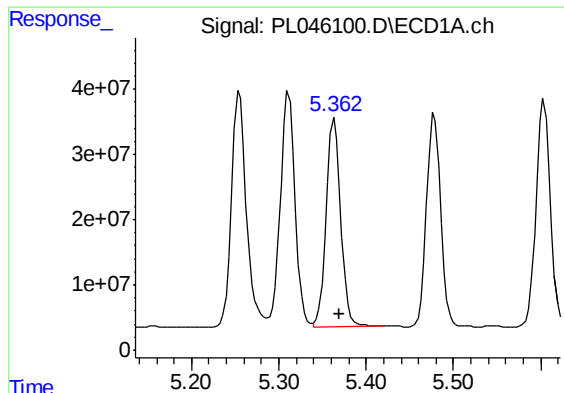
#8 Heptachlor epoxide

R.T.: 5.032 min  
Delta R.T.: -0.005 min  
Response: 388311520  
Conc: 41.61 ng/ml



#8 Heptachlor epoxide

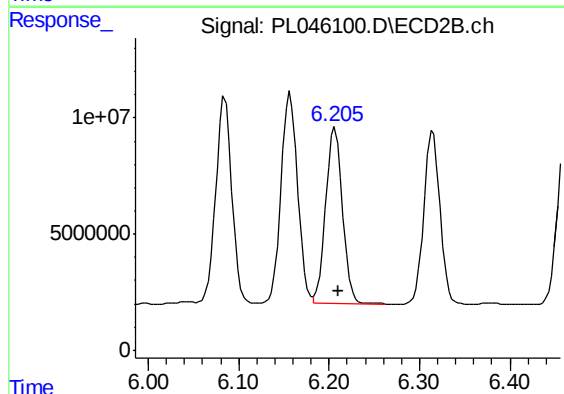
R.T.: 5.850 min  
Delta R.T.: -0.003 min  
Response: 90941708  
Conc: 37.86 ng/ml



#9 Endosulfan I

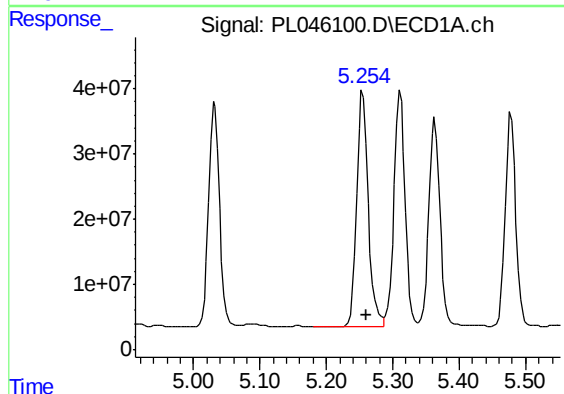
R.T.: 5.364 min  
Delta R.T.: -0.005 min  
Response: 372685369  
Conc: 41.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD



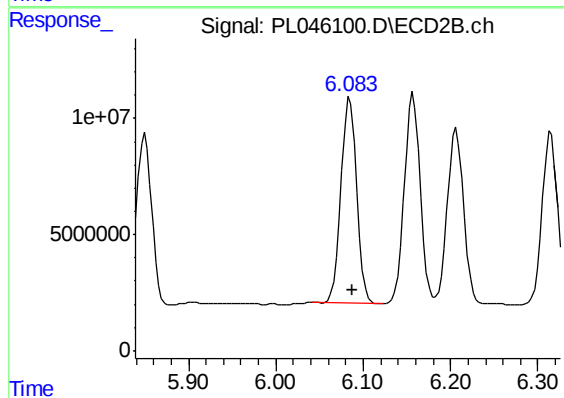
#9 Endosulfan I

R.T.: 6.207 min  
Delta R.T.: -0.003 min  
Response: 98240718  
Conc: 39.45 ng/ml



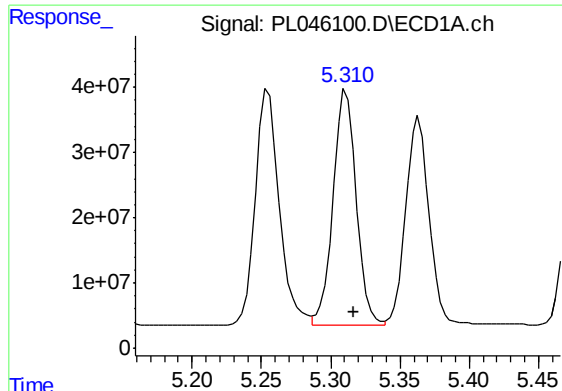
#10 gamma-Chlordane

R.T.: 5.255 min  
Delta R.T.: -0.006 min  
Response: 433926595  
Conc: 44.34 ng/ml



#10 gamma-Chlordane

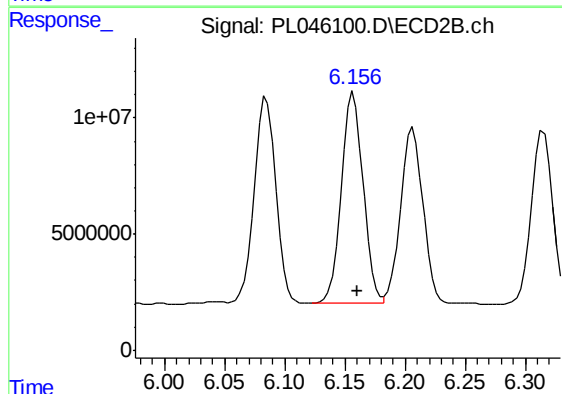
R.T.: 6.085 min  
Delta R.T.: -0.003 min  
Response: 109254908  
Conc: 40.72 ng/ml



#11 alpha-Chlordane

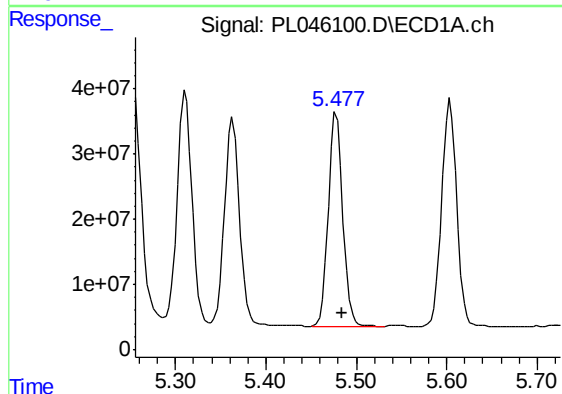
R.T.: 5.311 min  
Delta R.T.: -0.005 min  
Response: 419061336  
Conc: 43.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD



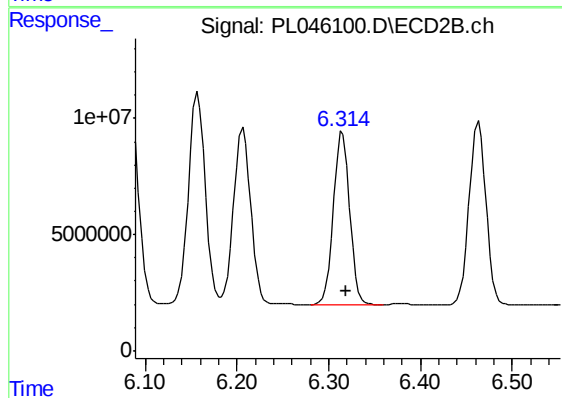
#11 alpha-Chlordane

R.T.: 6.157 min  
Delta R.T.: -0.003 min  
Response: 115205685  
Conc: 42.71 ng/ml



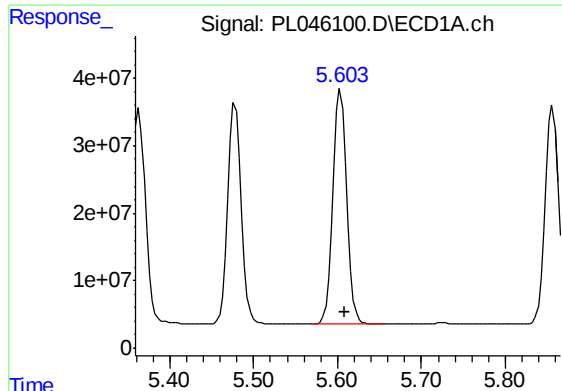
#12 4,4'-DDE

R.T.: 5.478 min  
Delta R.T.: -0.006 min  
Response: 363136373  
Conc: 41.37 ng/ml



#12 4,4'-DDE

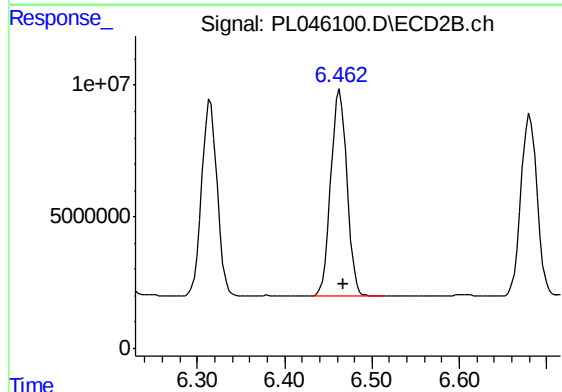
R.T.: 6.315 min  
Delta R.T.: -0.003 min  
Response: 91951705  
Conc: 39.36 ng/ml



#13 Dieldrin

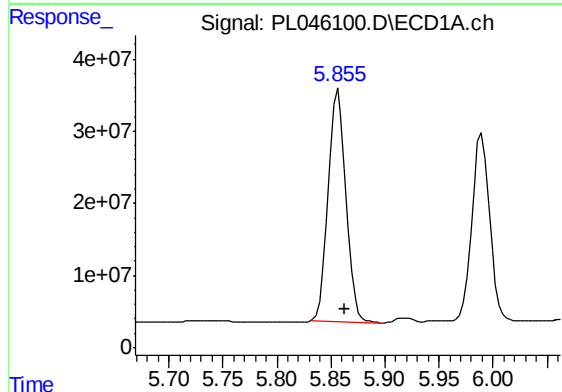
R.T.: 5.604 min  
Delta R.T.: -0.005 min  
Response: 398513787  
Conc: 41.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD



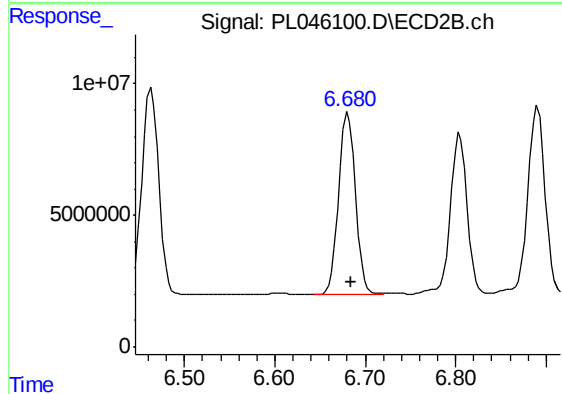
#13 Dieldrin

R.T.: 6.463 min  
Delta R.T.: -0.003 min  
Response: 101169588  
Conc: 39.37 ng/ml



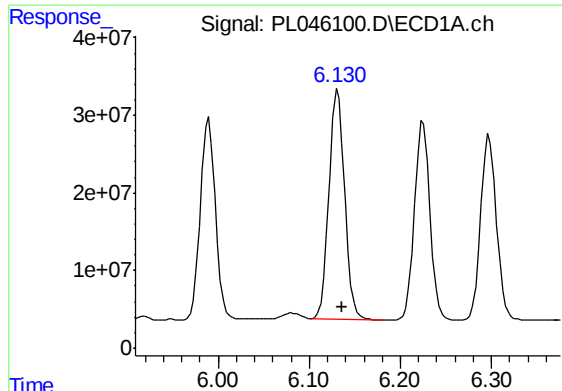
#14 Endrin

R.T.: 5.857 min  
Delta R.T.: -0.005 min  
Response: 369601162  
Conc: 41.04 ng/ml



#14 Endrin

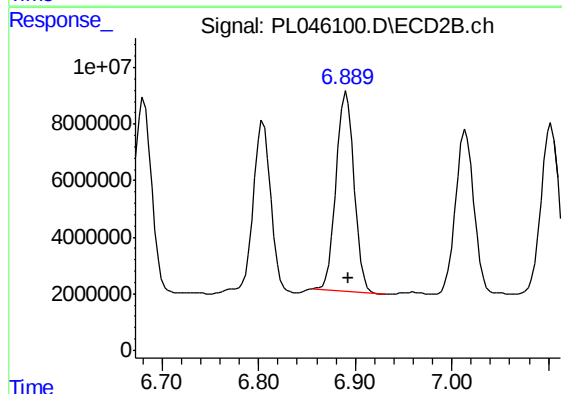
R.T.: 6.681 min  
Delta R.T.: -0.003 min  
Response: 89238985  
Conc: 39.22 ng/ml



#15 Endosulfan II

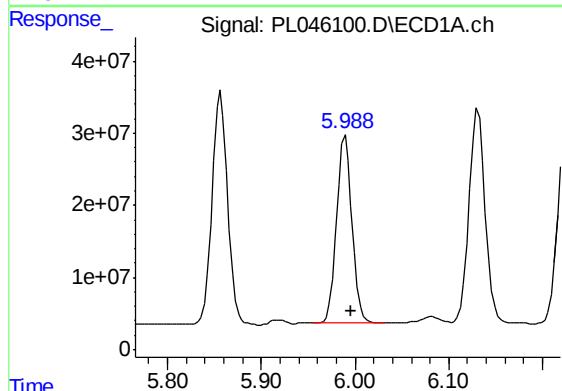
R.T.: 6.131 min  
Delta R.T.: -0.005 min  
Response: 355334158  
Conc: 40.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD



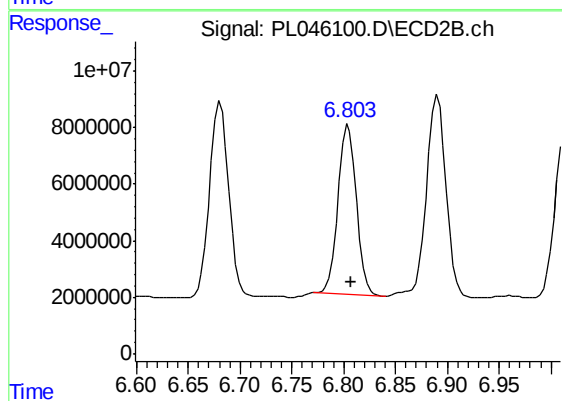
#15 Endosulfan II

R.T.: 6.891 min  
Delta R.T.: -0.003 min  
Response: 89043224  
Conc: 37.86 ng/ml



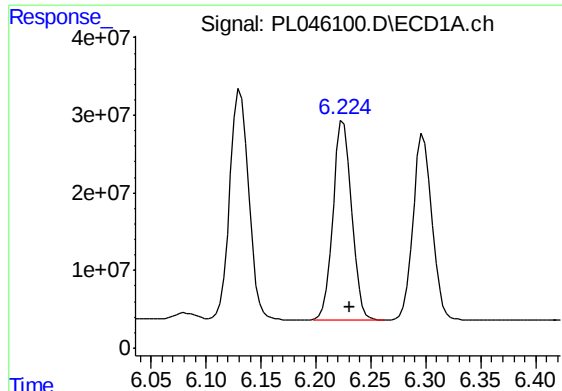
#16 4,4'-DDD

R.T.: 5.990 min  
Delta R.T.: -0.006 min  
Response: 296955729  
Conc: 40.56 ng/ml



#16 4,4'-DDD

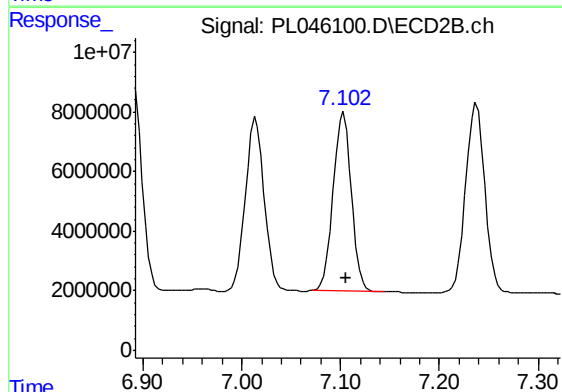
R.T.: 6.805 min  
Delta R.T.: -0.003 min  
Response: 74877734  
Conc: 38.94 ng/ml



#17 4,4'-DDT

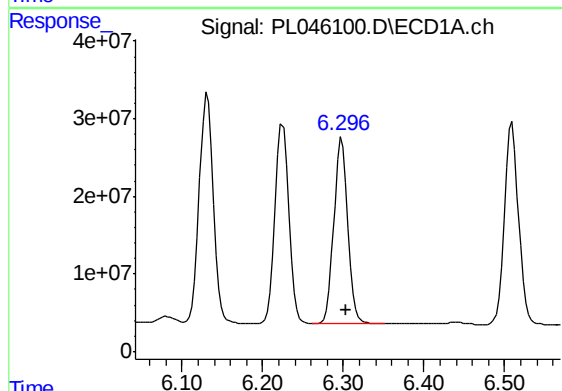
R.T.: 6.225 min  
Delta R.T.: -0.006 min  
Response: 302034402  
Conc: 40.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD



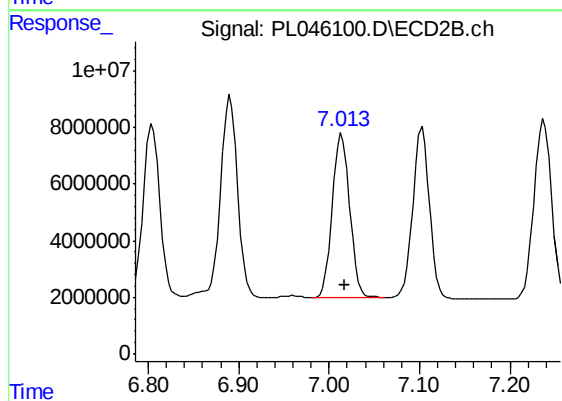
#17 4,4'-DDT

R.T.: 7.103 min  
Delta R.T.: -0.003 min  
Response: 77203818  
Conc: 39.12 ng/ml



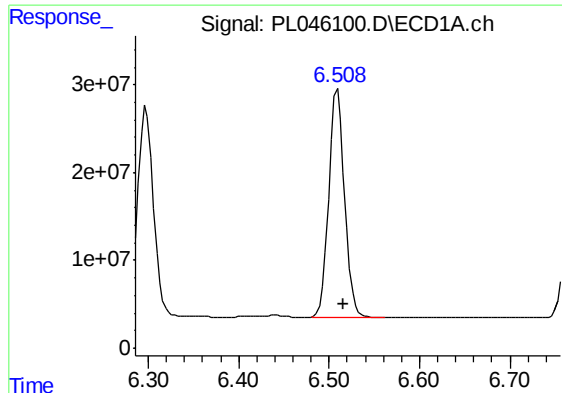
#18 Endrin aldehyde

R.T.: 6.298 min  
Delta R.T.: -0.006 min  
Response: 287036056  
Conc: 39.27 ng/ml



#18 Endrin aldehyde

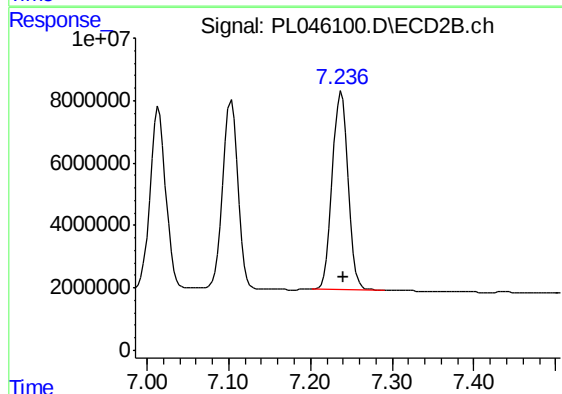
R.T.: 7.014 min  
Delta R.T.: -0.003 min  
Response: 77893948  
Conc: 38.10 ng/ml



#19 Endosulfan Sulfate

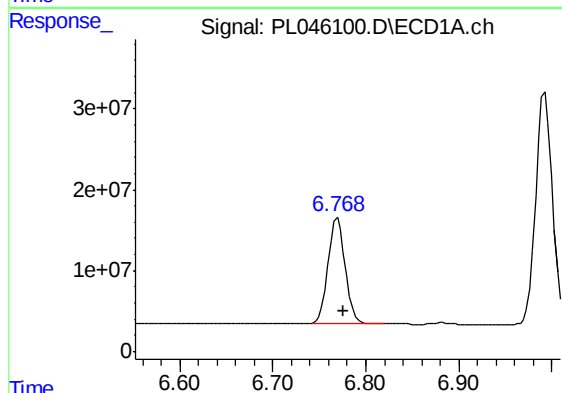
R.T.: 6.510 min  
Delta R.T.: -0.006 min  
Response: 314814180  
Conc: 38.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD



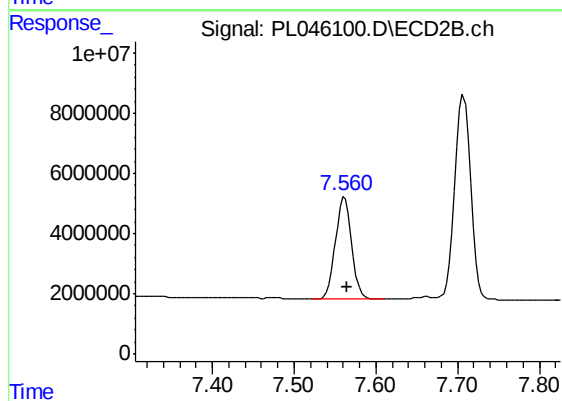
#19 Endosulfan Sulfate

R.T.: 7.238 min  
Delta R.T.: -0.003 min  
Response: 85859449  
Conc: 38.17 ng/ml



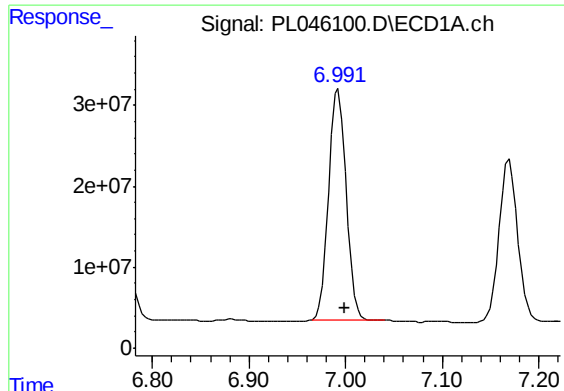
#20 Methoxychlor

R.T.: 6.770 min  
Delta R.T.: -0.007 min  
Response: 166315674  
Conc: 37.87 ng/ml



#20 Methoxychlor

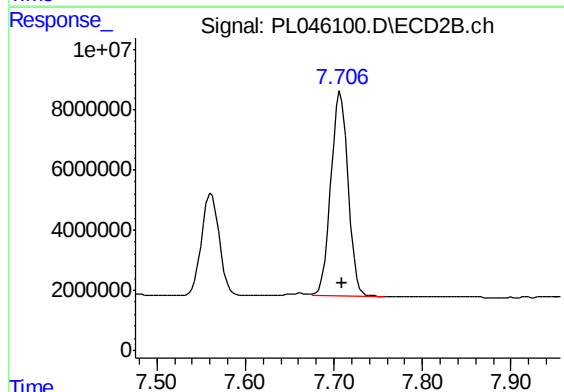
R.T.: 7.562 min  
Delta R.T.: -0.003 min  
Response: 47134531  
Conc: 38.40 ng/ml



#21 Endrin ketone

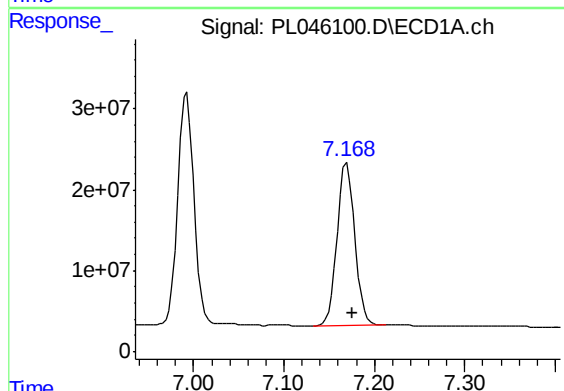
R.T.: 6.993 min  
Delta R.T.: -0.007 min  
Response: 354923825  
Conc: 38.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD



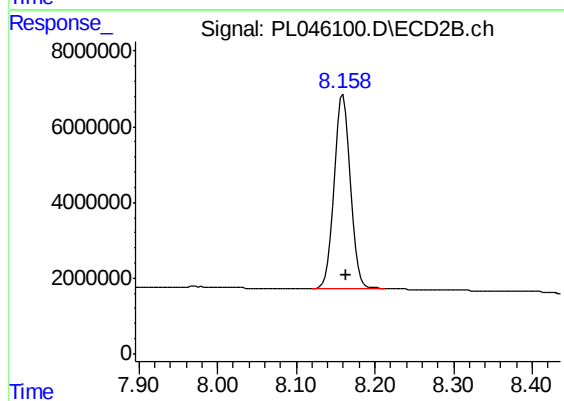
#21 Endrin ketone

R.T.: 7.708 min  
Delta R.T.: -0.002 min  
Response: 92839597  
Conc: 39.03 ng/ml



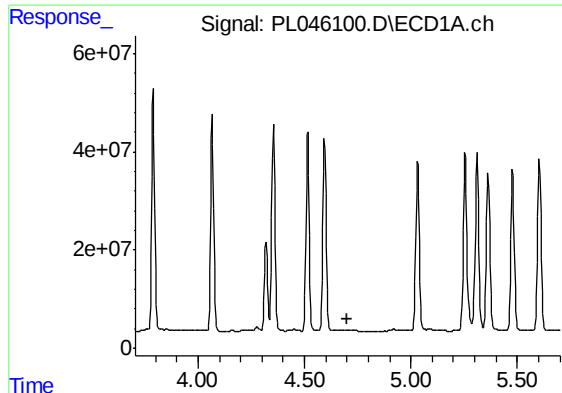
#22 Mirex

R.T.: 7.170 min  
Delta R.T.: -0.007 min  
Response: 269459883  
Conc: 36.22 ng/ml



#22 Mirex

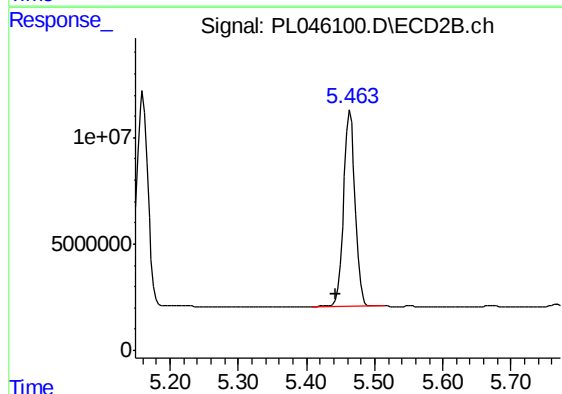
R.T.: 8.159 min  
Delta R.T.: -0.003 min  
Response: 75113191  
Conc: 37.71 ng/ml



#24 Chlordane-2

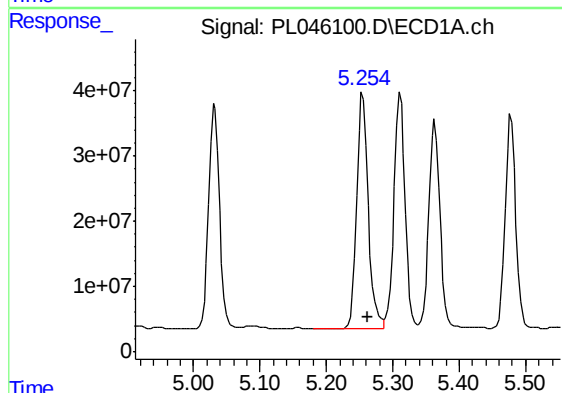
R.T.: 0.000 min  
Exp R.T.: 4.704 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD



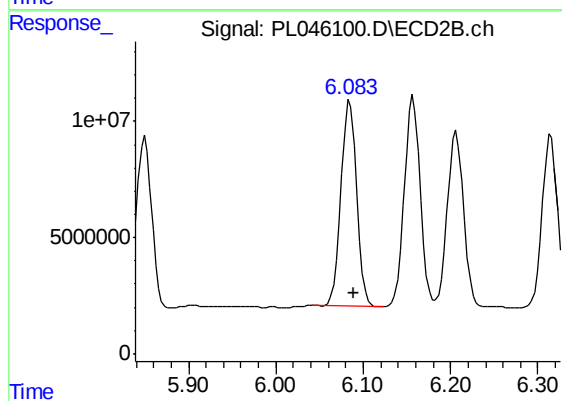
#24 Chlordane-2

R.T.: 5.464 min  
Delta R.T.: 0.021 min  
Response: 109044699  
Conc: 902.46 ng/ml



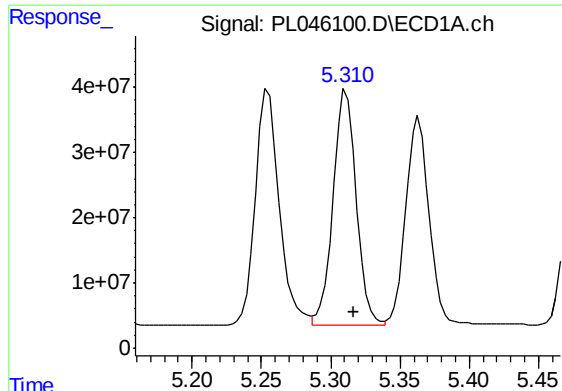
#25 Chlordane-3

R.T.: 5.255 min  
Delta R.T.: -0.007 min  
Response: 433926595  
Conc: 378.31 ng/ml



#25 Chlordane-3

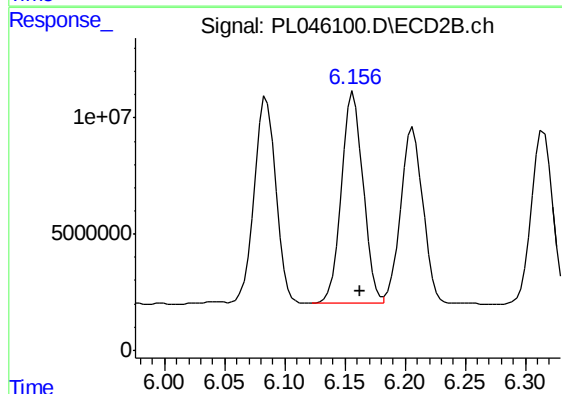
R.T.: 6.085 min  
Delta R.T.: -0.004 min  
Response: 109254908  
Conc: 280.41 ng/ml



#26 Chlordane-4

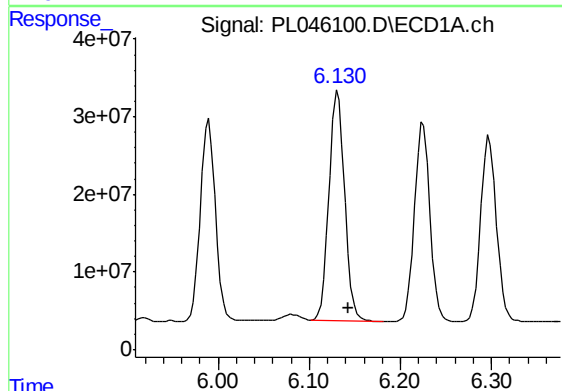
R.T.: 5.311 min  
Delta R.T.: -0.006 min  
Response: 419061336  
Conc: 395.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD



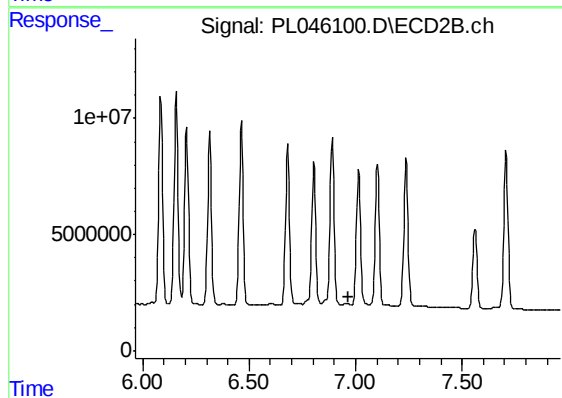
#26 Chlordane-4

R.T.: 6.157 min  
Delta R.T.: -0.005 min  
Response: 115205685  
Conc: 246.26 ng/ml



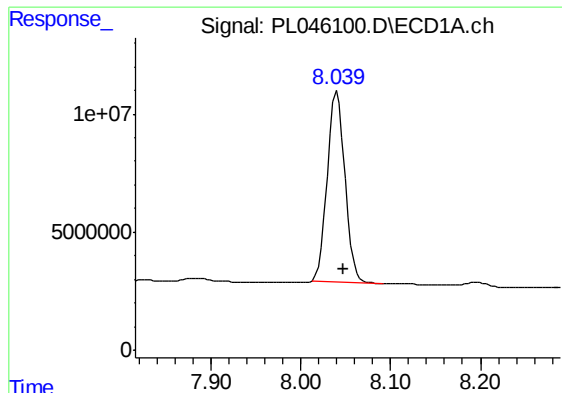
#27 Chlordane-5

R.T.: 6.131 min  
Delta R.T.: -0.012 min  
Response: 355334158  
Conc: 1028.92 ng/ml



#27 Chlordane-5

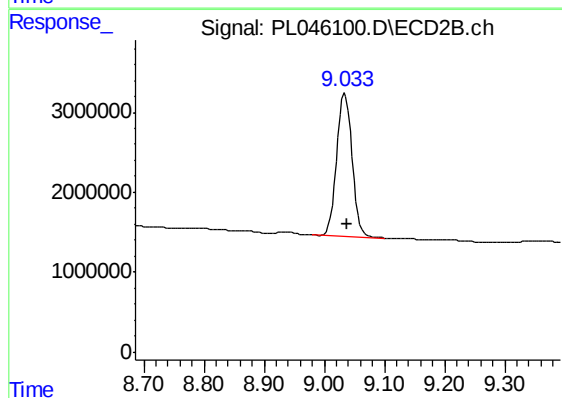
R.T.: 0.000 min  
Exp R.T. : 6.966 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.040 min  
Delta R.T.: -0.007 min  
Response: 111343700  
Conc: 13.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD



#28 Decachlorobiphenyl

R.T.: 9.034 min  
Delta R.T.: -0.005 min  
Response: 32024157  
Conc: 14.02 ng/ml