

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040919\  
 Data File : PL047129.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Apr 2019 18:00  
 Operator : AJ\SJ  
 Sample : K2294-04MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-14-SMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 01:04:44 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 13:40:08 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... | 3.358 | 3.978  | 154.7E6 | 51485089 | 21.268   | 22.486     |
| 28)                         | SA Decachlor... | 8.038 | 9.034  | 146.9E6 | 43885182 | 17.470   | 18.928     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.787 | 4.368  | 697.7E6 | 202.4E6  | 59.830   | 62.978     |
| 3)                          | MA gamma-BHC... | 4.065 | 4.652  | 642.2E6 | 187.4E6  | 59.766   | 62.603     |
| 4)                          | MA Heptachlor   | 4.352 | 5.159  | 654.9E6 | 190.6E6  | 59.399   | 61.981     |
| 5)                          | MB Aldrin       | 4.593 | 5.463  | 622.8E6 | 181.5E6  | 60.380   | 63.337     |
| 6)                          | B beta-BHC      | 4.318 | 4.826  | 270.2E6 | 81128507 | 60.018   | 61.197     |
| 7)                          | B delta-BHC     | 4.514 | 5.041  | 596.2E6 | 139.0E6  | 58.898   | 59.894     |
| 8)                          | B Heptachlor... | 5.030 | 5.849  | 583.0E6 | 156.9E6  | 59.772   | 59.492     |
| 9)                          | A Endosulfan I  | 5.362 | 6.206  | 550.0E6 | 160.0E6  | 58.501   | 61.320     |
| 10)                         | B gamma-Chl...  | 5.253 | 6.084  | 600.8E6 | 175.7E6  | 58.487   | 61.918     |
| 11)                         | B alpha-Chl...  | 5.309 | 6.156  | 586.3E6 | 173.9E6  | 57.830   | 61.290     |
| 12)                         | B 4,4'-DDE      | 5.476 | 6.314  | 555.5E6 | 158.2E6  | 60.333   | 63.746     |
| 13)                         | MA Dieldrin     | 5.602 | 6.463  | 593.1E6 | 168.6E6  | 59.102   | 62.216     |
| 14)                         | MA Endrin       | 5.855 | 6.680  | 534.2E6 | 143.5E6  | 56.714   | 60.068     |
| 15)                         | B Endosulfa...  | 6.130 | 6.891  | 506.8E6 | 145.3E6  | 56.566   | 60.199     |
| 16)                         | A 4,4'-DDD      | 5.988 | 6.805  | 464.3E6 | 130.8E6  | 61.424   | 65.025     |
| 17)                         | MA 4,4'-DDT     | 6.223 | 7.103  | 442.4E6 | 126.8E6  | 58.406   | 60.458     |
| 18)                         | B Endrin al...  | 6.296 | 7.015  | 421.4E6 | 125.0E6  | 56.226   | 58.854     |
| 19)                         | B Endosulfa...  | 6.508 | 7.238  | 490.0E6 | 144.6E6  | 59.669   | 61.315     |
| 20)                         | A Methoxychlor  | 6.768 | 7.562  | 226.8E6 | 71966106 | 53.364   | 56.454     |
| 21)                         | B Endrin ke...  | 6.991 | 7.708  | 546.5E6 | 153.7E6  | 59.104   | 61.880     |
| 22)                         | Mirex           | 7.168 | 8.159  | 386.0E6 | 116.0E6  | 52.984   | 58.018     |
| 24)                         | Chlordane-2     | 0.000 | 5.463f | 0       | 181.5E6  | N.D.     | 1553.469 # |
| 25)                         | Chlordane-3     | 5.253 | 6.084  | 600.8E6 | 175.7E6  | 539.491  | 460.904    |
| 26)                         | Chlordane-4     | 5.309 | 6.156  | 586.3E6 | 173.9E6  | 567.031  | 376.790 #  |
| 27)                         | Chlordane-5     | 6.130 | 0.000  | 506.8E6 | 0        | 1485.086 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

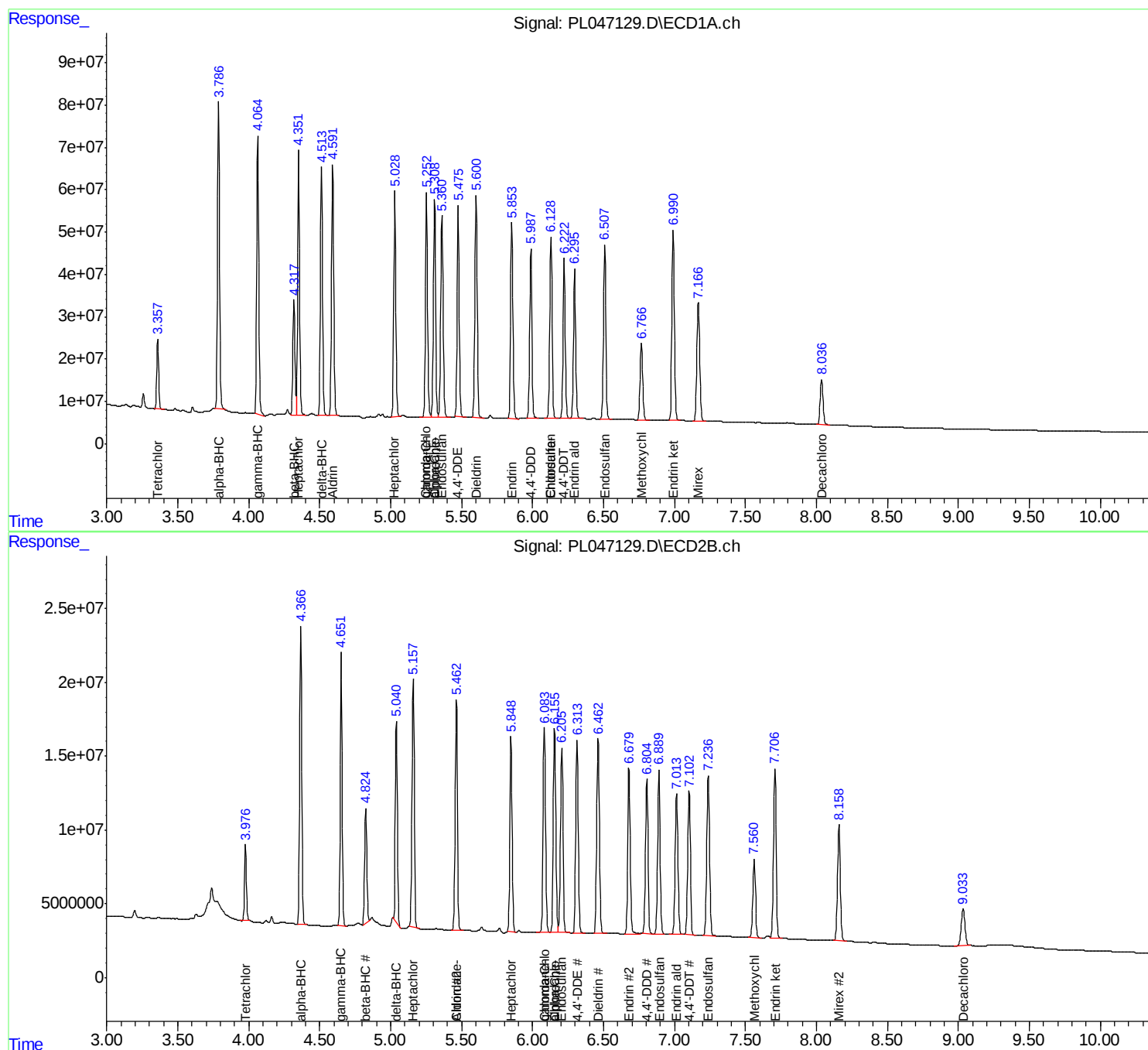
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

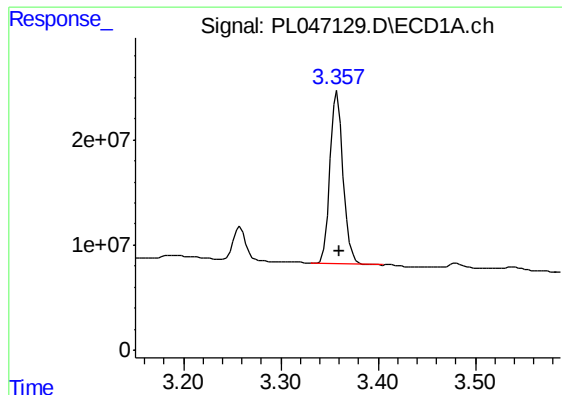
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040919\  
Data File : PL047129.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Apr 2019 18:00  
Operator : AJ\SJ  
Sample : K2294-04MS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TP-14-SMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 01:04:44 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 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

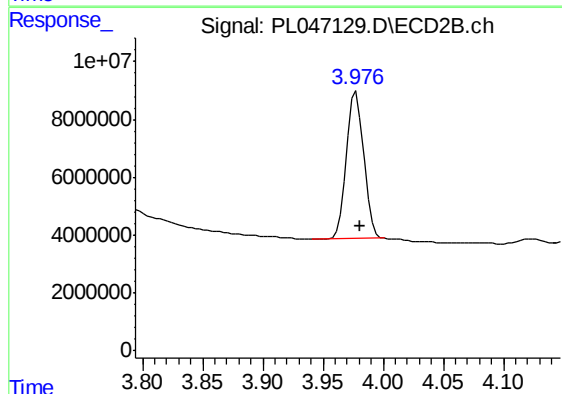




#1 Tetrachloro-m-xylene

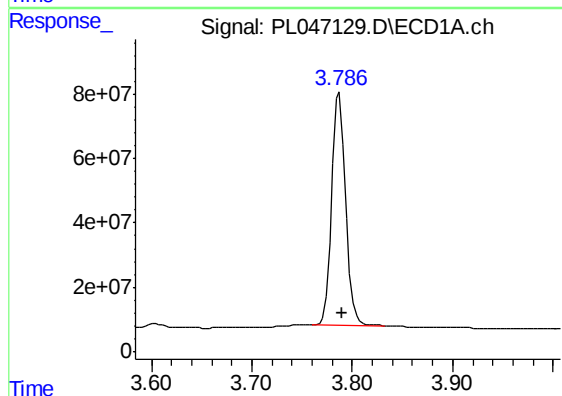
R.T.: 3.358 min  
Delta R.T.: -0.003 min  
Response: 154716406  
Conc: 21.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-14-SMS



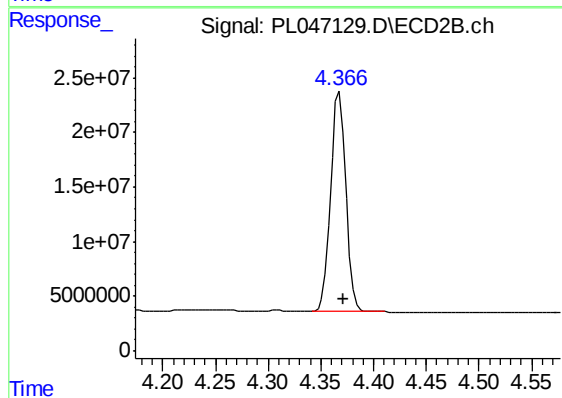
#1 Tetrachloro-m-xylene

R.T.: 3.978 min  
Delta R.T.: -0.003 min  
Response: 51485089  
Conc: 22.49 ng/ml



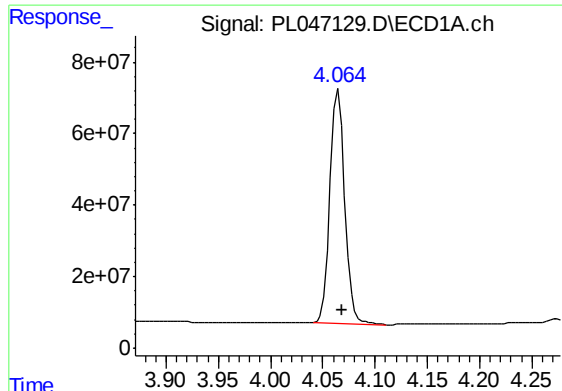
#2 alpha-BHC

R.T.: 3.787 min  
Delta R.T.: -0.003 min  
Response: 697732512  
Conc: 59.83 ng/ml



#2 alpha-BHC

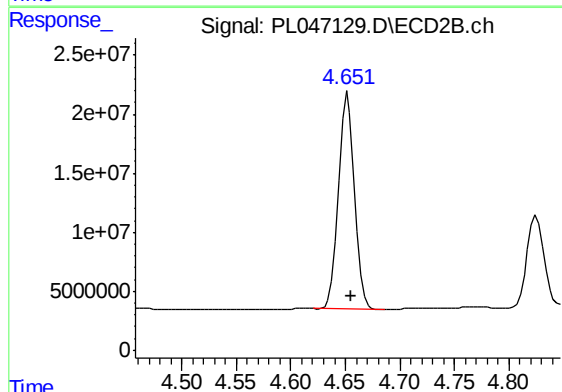
R.T.: 4.368 min  
Delta R.T.: -0.003 min  
Response: 202365732  
Conc: 62.98 ng/ml



#3 gamma-BHC (Lindane)

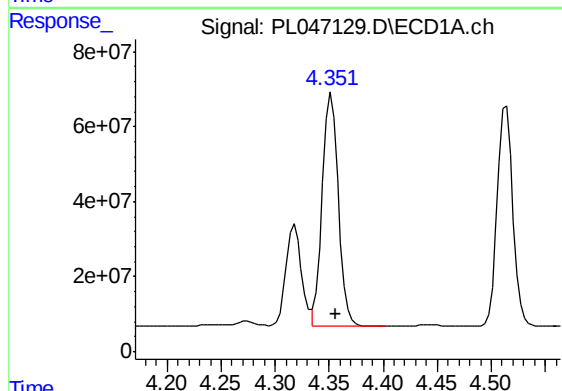
R.T.: 4.065 min  
Delta R.T.: -0.003 min  
Response: 642156475  
Conc: 59.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-14-SMS



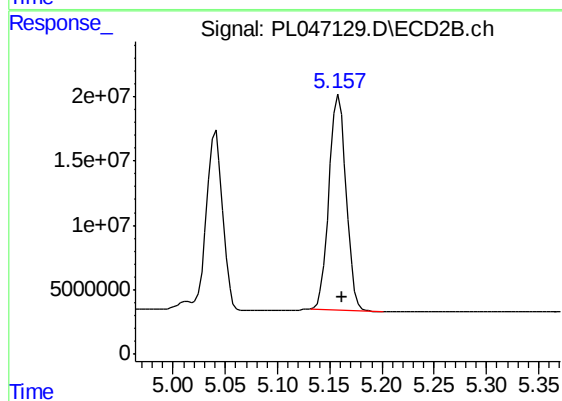
#3 gamma-BHC (Lindane)

R.T.: 4.652 min  
Delta R.T.: -0.003 min  
Response: 187371038  
Conc: 62.60 ng/ml



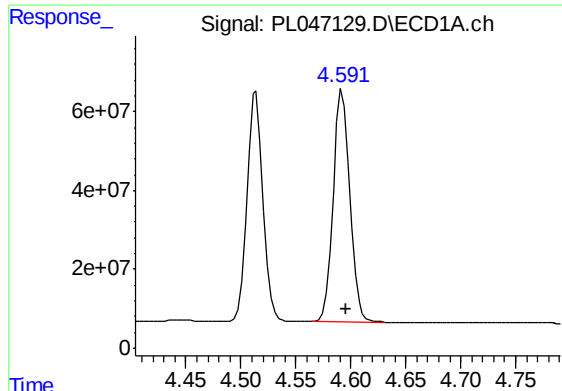
#4 Heptachlor

R.T.: 4.352 min  
Delta R.T.: -0.004 min  
Response: 654885992  
Conc: 59.40 ng/ml



#4 Heptachlor

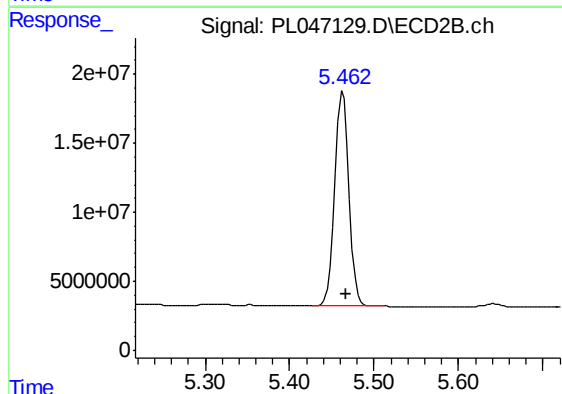
R.T.: 5.159 min  
Delta R.T.: -0.004 min  
Response: 190647561  
Conc: 61.98 ng/ml



#5 Aldrin

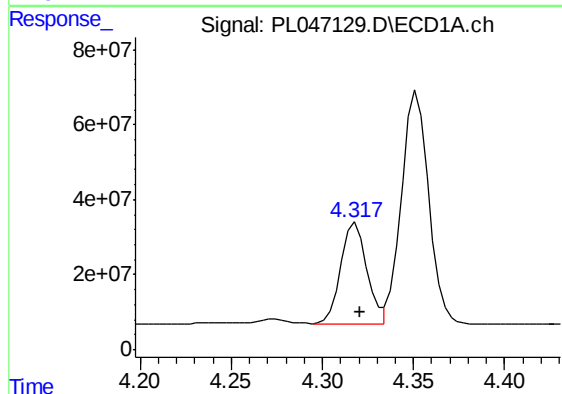
R.T.: 4.593 min  
Delta R.T.: -0.003 min  
Response: 622818382  
Conc: 60.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-14-SMS



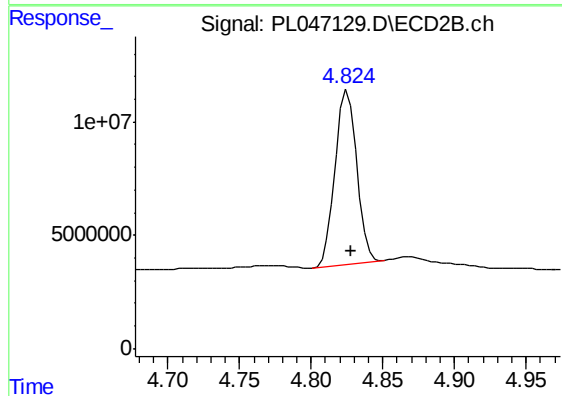
#5 Aldrin

R.T.: 5.463 min  
Delta R.T.: -0.004 min  
Response: 181459584  
Conc: 63.34 ng/ml



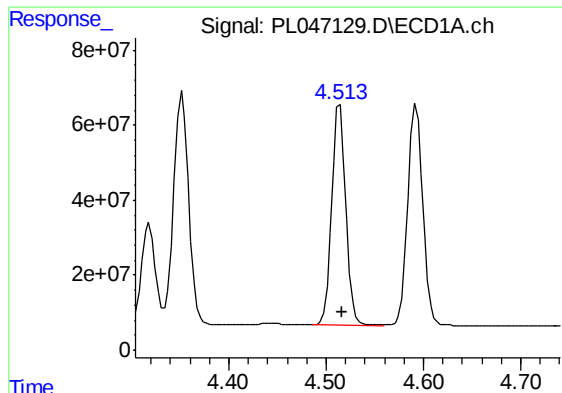
#6 beta-BHC

R.T.: 4.318 min  
Delta R.T.: -0.003 min  
Response: 270228107  
Conc: 60.02 ng/ml



#6 beta-BHC

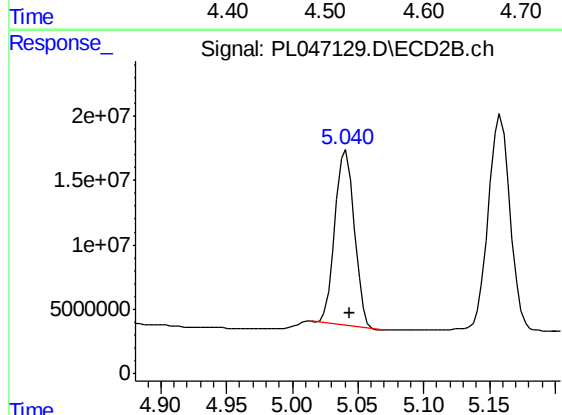
R.T.: 4.826 min  
Delta R.T.: -0.002 min  
Response: 81128507  
Conc: 61.20 ng/ml



#7 delta-BHC

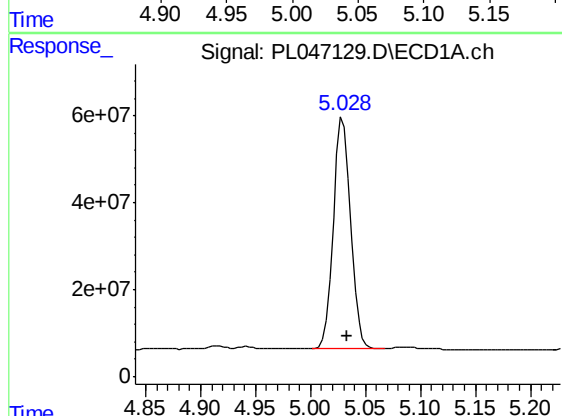
R.T.: 4.514 min  
Delta R.T.: -0.003 min  
Response: 596229197  
Conc: 58.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-14-SMS



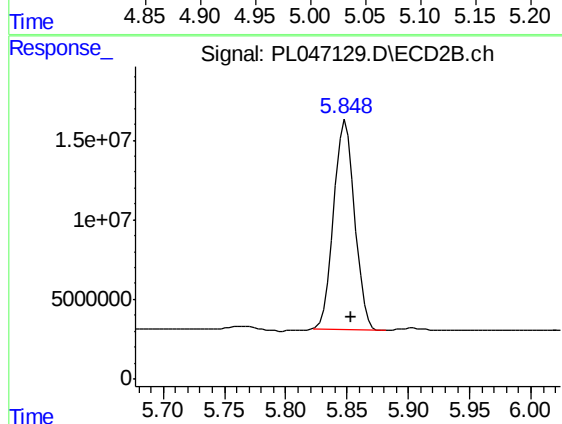
#7 delta-BHC

R.T.: 5.041 min  
Delta R.T.: -0.003 min  
Response: 138964703  
Conc: 59.89 ng/ml



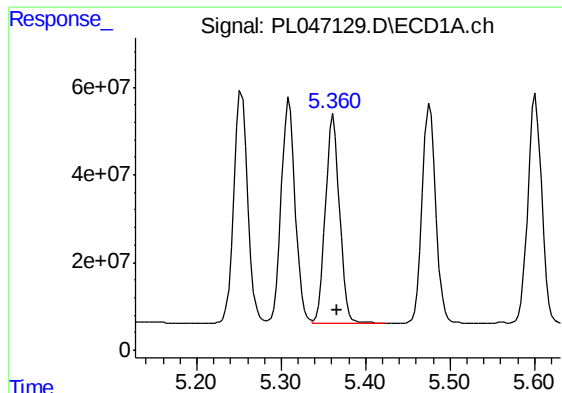
#8 Heptachlor epoxide

R.T.: 5.030 min  
Delta R.T.: -0.004 min  
Response: 582987546  
Conc: 59.77 ng/ml



#8 Heptachlor epoxide

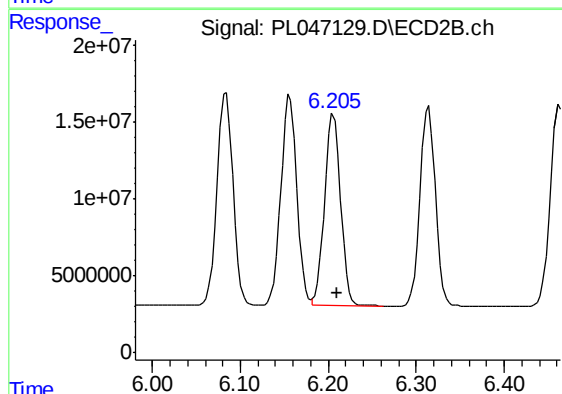
R.T.: 5.849 min  
Delta R.T.: -0.005 min  
Response: 156892116  
Conc: 59.49 ng/ml



#9 Endosulfan I

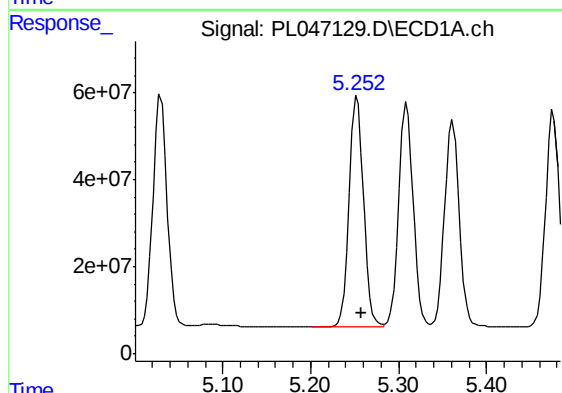
R.T.: 5.362 min  
Delta R.T.: -0.005 min  
Response: 550042995  
Conc: 58.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-14-SMS



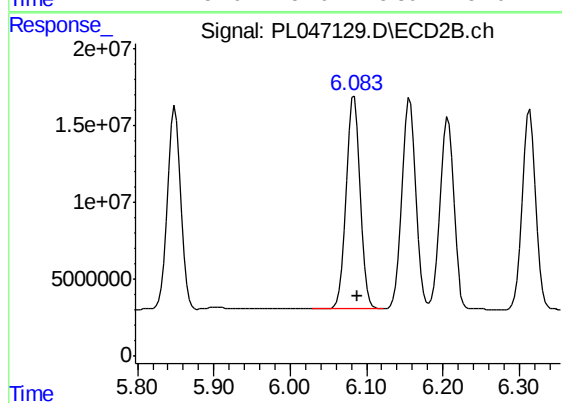
#9 Endosulfan I

R.T.: 6.206 min  
Delta R.T.: -0.004 min  
Response: 160037790  
Conc: 61.32 ng/ml



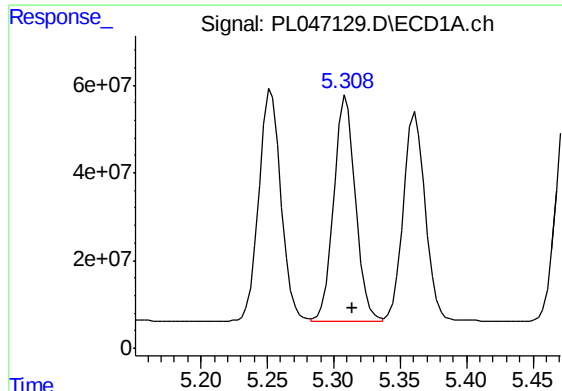
#10 gamma-Chlordane

R.T.: 5.253 min  
Delta R.T.: -0.004 min  
Response: 600817125  
Conc: 58.49 ng/ml



#10 gamma-Chlordane

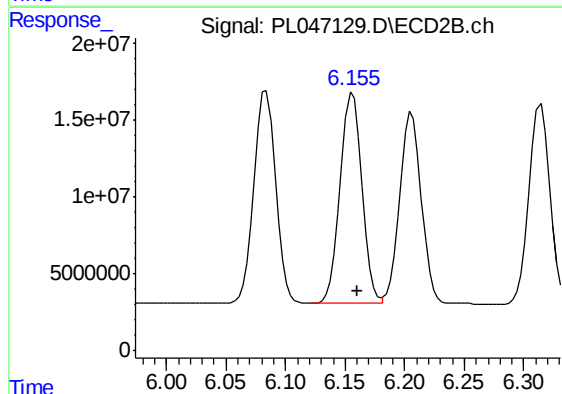
R.T.: 6.084 min  
Delta R.T.: -0.004 min  
Response: 175727617  
Conc: 61.92 ng/ml



#11 alpha-Chlordane

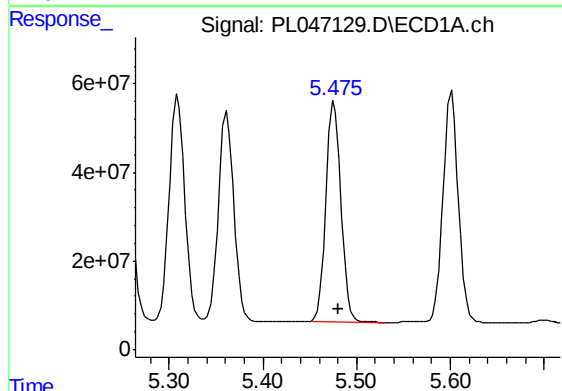
R.T.: 5.309 min  
Delta R.T.: -0.005 min  
Response: 586344129  
Conc: 57.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-14-SMS



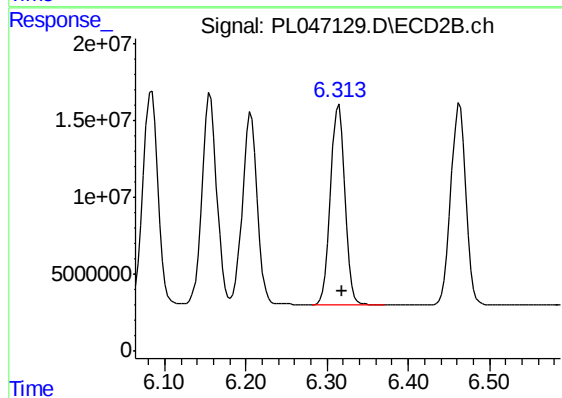
#11 alpha-Chlordane

R.T.: 6.156 min  
Delta R.T.: -0.004 min  
Response: 173860508  
Conc: 61.29 ng/ml



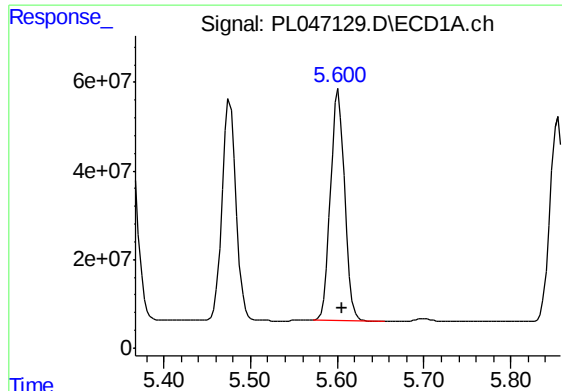
#12 4,4'-DDE

R.T.: 5.476 min  
Delta R.T.: -0.005 min  
Response: 555486486  
Conc: 60.33 ng/ml



#12 4,4'-DDE

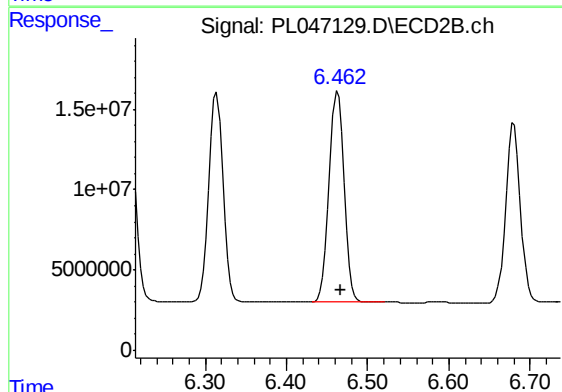
R.T.: 6.314 min  
Delta R.T.: -0.004 min  
Response: 158239930  
Conc: 63.75 ng/ml



#13 Dielddrin

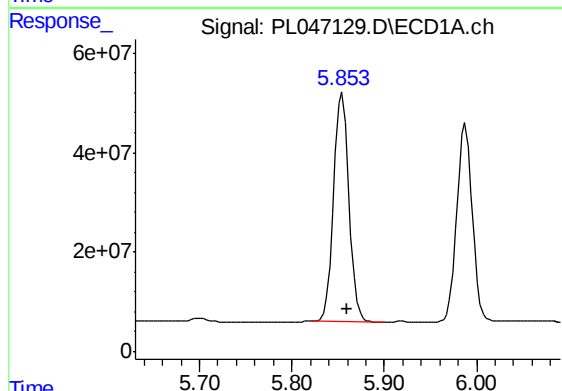
R.T.: 5.602 min  
Delta R.T.: -0.005 min  
Response: 593124816  
Conc: 59.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-14-SMS



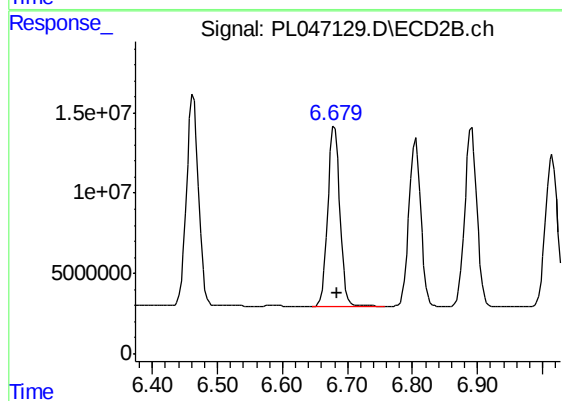
#13 Dielddrin

R.T.: 6.463 min  
Delta R.T.: -0.004 min  
Response: 168646826  
Conc: 62.22 ng/ml



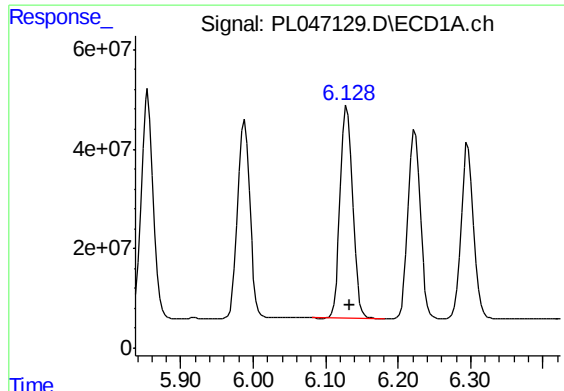
#14 Endrin

R.T.: 5.855 min  
Delta R.T.: -0.005 min  
Response: 534198560  
Conc: 56.71 ng/ml



#14 Endrin

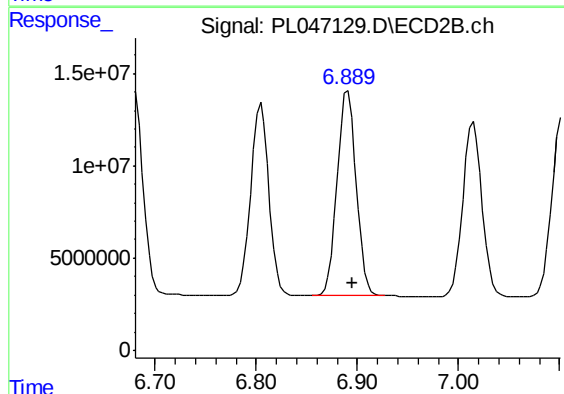
R.T.: 6.680 min  
Delta R.T.: -0.004 min  
Response: 143548972  
Conc: 60.07 ng/ml



#15 Endosulfan II

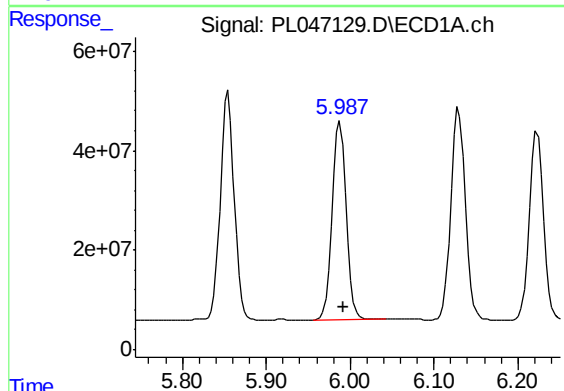
R.T.: 6.130 min  
Delta R.T.: -0.005 min  
Response: 506810818  
Conc: 56.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-14-SMS



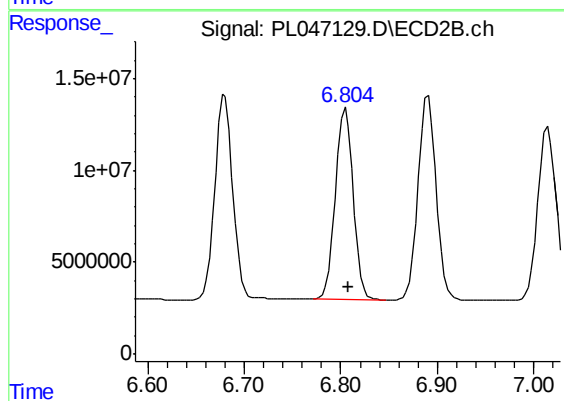
#15 Endosulfan II

R.T.: 6.891 min  
Delta R.T.: -0.004 min  
Response: 145253896  
Conc: 60.20 ng/ml



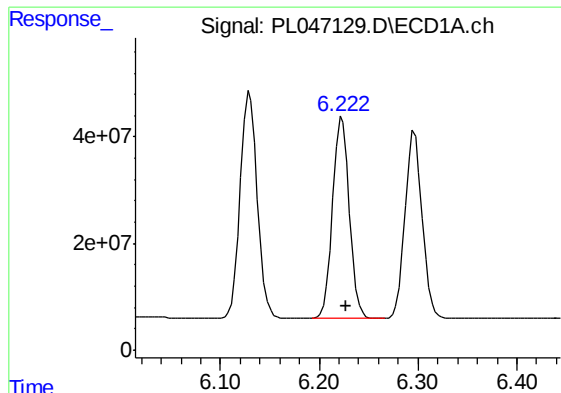
#16 4,4'-DDD

R.T.: 5.988 min  
Delta R.T.: -0.004 min  
Response: 464311117  
Conc: 61.42 ng/ml



#16 4,4'-DDD

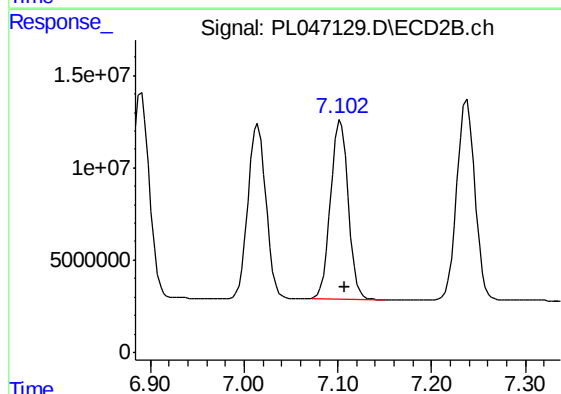
R.T.: 6.805 min  
Delta R.T.: -0.004 min  
Response: 130833424  
Conc: 65.03 ng/ml



#17 4,4'-DDT

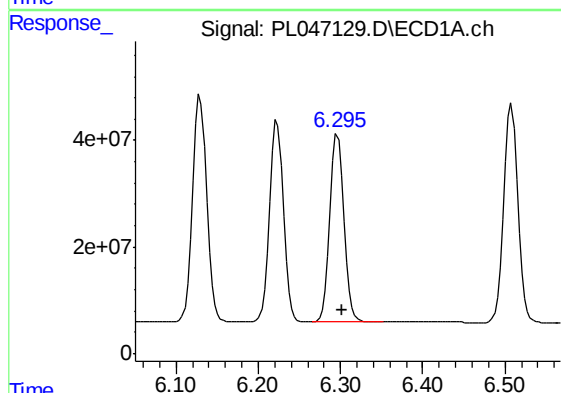
R.T.: 6.223 min  
Delta R.T.: -0.004 min  
Response: 442388821  
Conc: 58.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-14-SMS



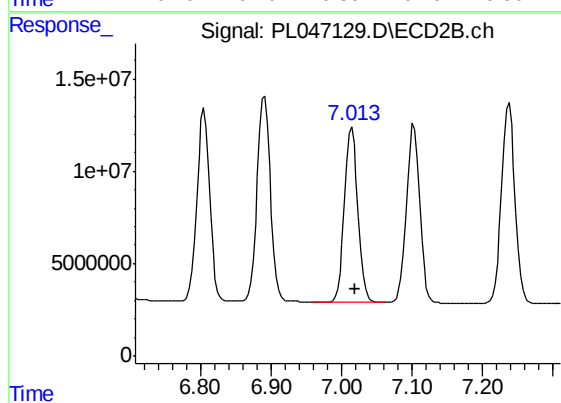
#17 4,4'-DDT

R.T.: 7.103 min  
Delta R.T.: -0.004 min  
Response: 126778197  
Conc: 60.46 ng/ml



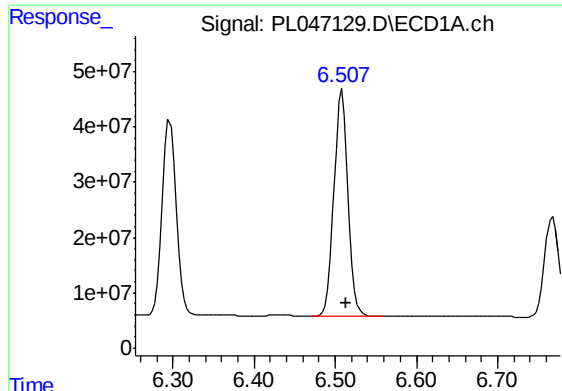
#18 Endrin aldehyde

R.T.: 6.296 min  
Delta R.T.: -0.005 min  
Response: 421421899  
Conc: 56.23 ng/ml



#18 Endrin aldehyde

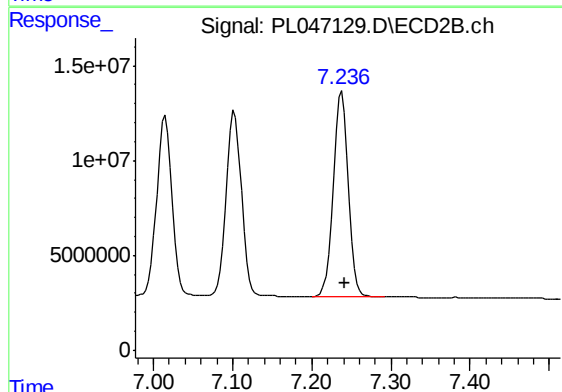
R.T.: 7.015 min  
Delta R.T.: -0.004 min  
Response: 125005072  
Conc: 58.85 ng/ml



#19 Endosulfan Sulfate

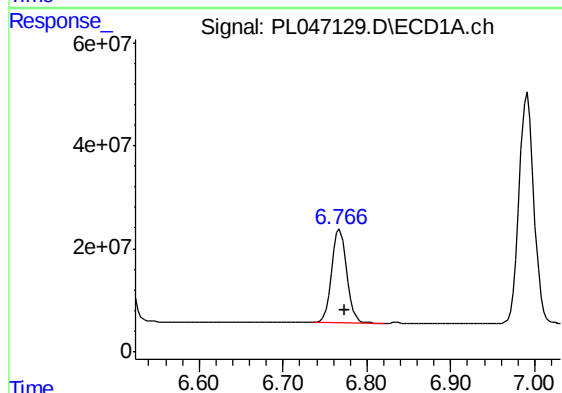
R.T.: 6.508 min  
Delta R.T.: -0.004 min  
Response: 489952191  
Conc: 59.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-14-SMS



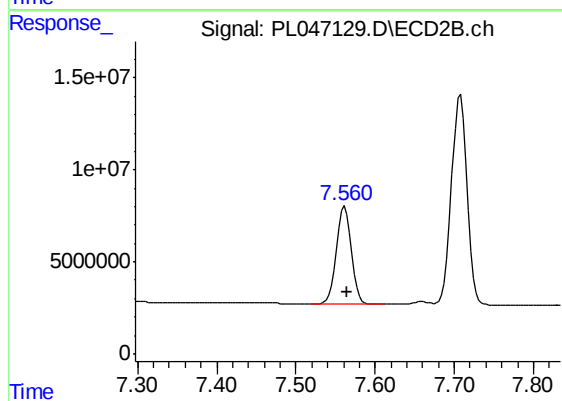
#19 Endosulfan Sulfate

R.T.: 7.238 min  
Delta R.T.: -0.004 min  
Response: 144643069  
Conc: 61.32 ng/ml



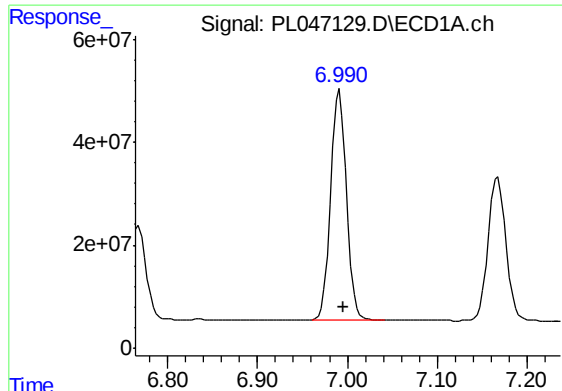
#20 Methoxychlor

R.T.: 6.768 min  
Delta R.T.: -0.006 min  
Response: 226789598  
Conc: 53.36 ng/ml



#20 Methoxychlor

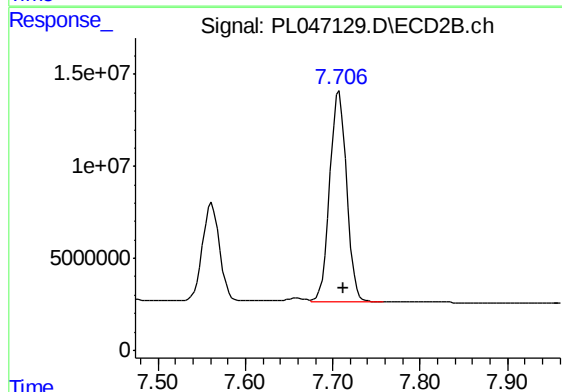
R.T.: 7.562 min  
Delta R.T.: -0.004 min  
Response: 71966106  
Conc: 56.45 ng/ml



#21 Endrin ketone

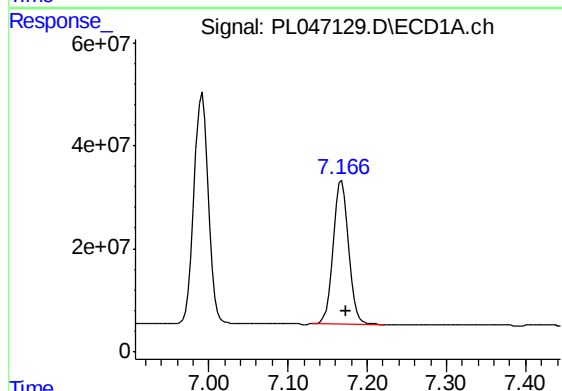
R.T.: 6.991 min  
Delta R.T.: -0.005 min  
Response: 546522929  
Conc: 59.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-14-SMS



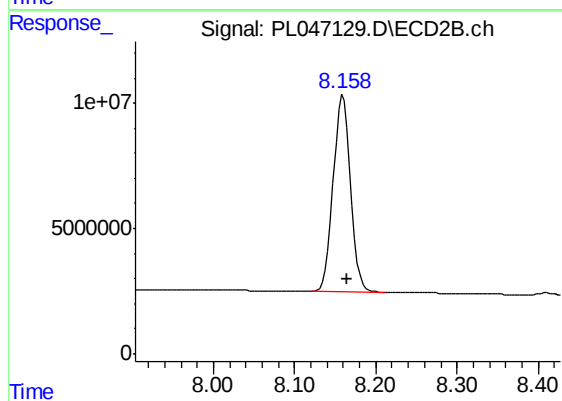
#21 Endrin ketone

R.T.: 7.708 min  
Delta R.T.: -0.004 min  
Response: 153743665  
Conc: 61.88 ng/ml



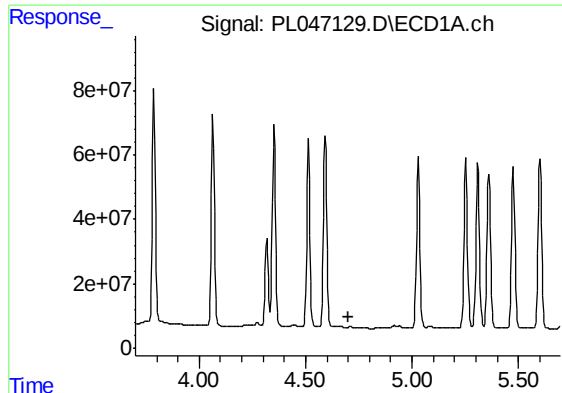
#22 Mirex

R.T.: 7.168 min  
Delta R.T.: -0.006 min  
Response: 386017365  
Conc: 52.98 ng/ml



#22 Mirex

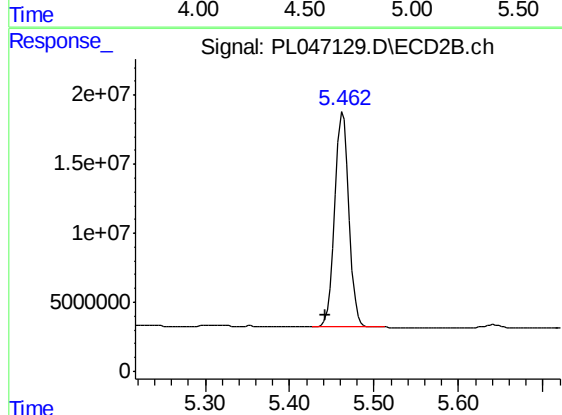
R.T.: 8.159 min  
Delta R.T.: -0.005 min  
Response: 116045990  
Conc: 58.02 ng/ml



#24 Chlordane-2

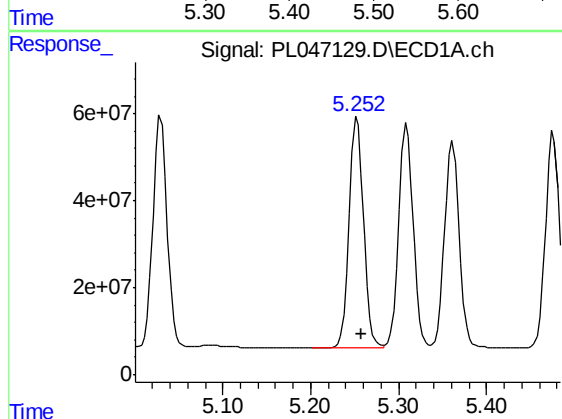
R.T.: 0.000 min  
Exp R.T.: 4.701 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TP-14-SMS



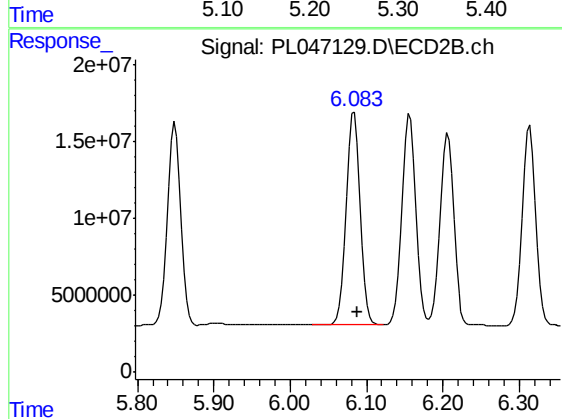
#24 Chlordane-2

R.T.: 5.463 min  
Delta R.T.: 0.020 min  
Response: 181459584  
Conc: 1553.47 ng/ml



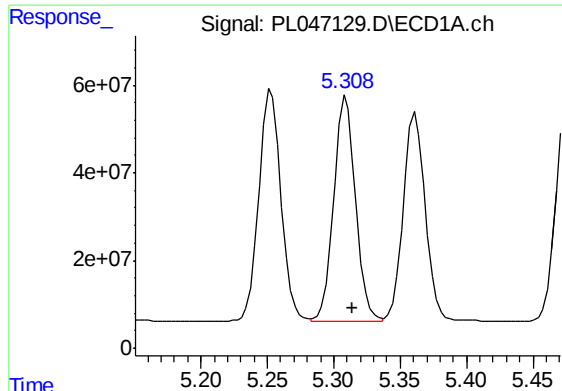
#25 Chlordane-3

R.T.: 5.253 min  
Delta R.T.: -0.005 min  
Response: 600817125  
Conc: 539.49 ng/ml



#25 Chlordane-3

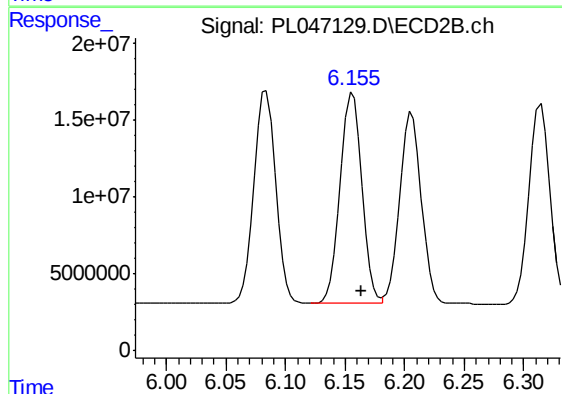
R.T.: 6.084 min  
Delta R.T.: -0.005 min  
Response: 175727617  
Conc: 460.90 ng/ml



#26 Chlordane-4

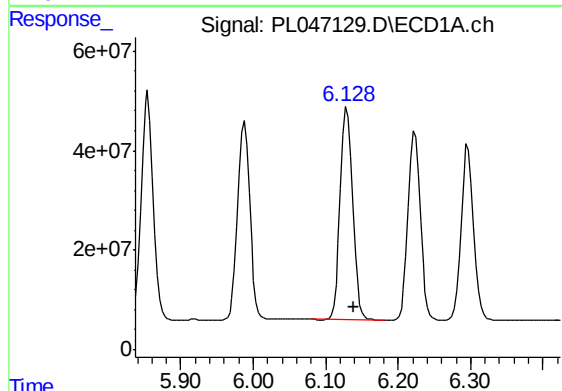
R.T.: 5.309 min  
Delta R.T.: -0.005 min  
Response: 586344129  
Conc: 567.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-14-SMS



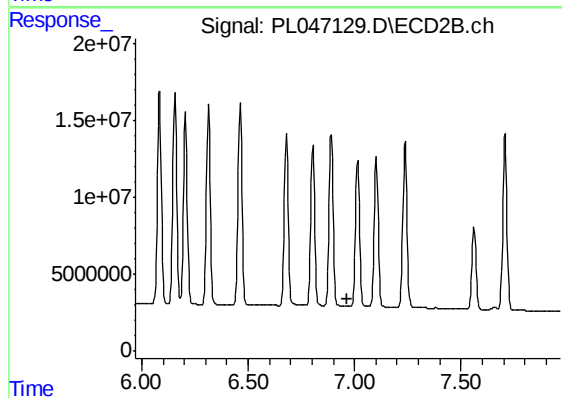
#26 Chlordane-4

R.T.: 6.156 min  
Delta R.T.: -0.007 min  
Response: 173860508  
Conc: 376.79 ng/ml



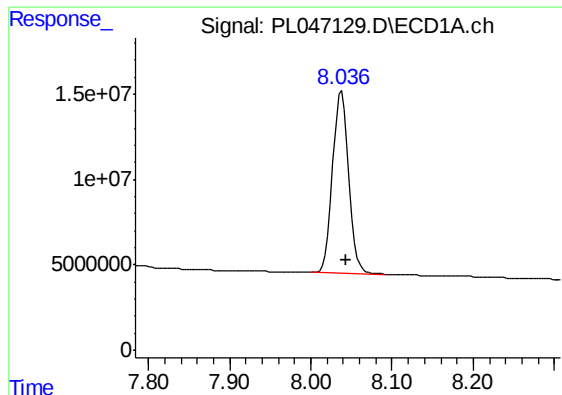
#27 Chlordane-5

R.T.: 6.130 min  
Delta R.T.: -0.010 min  
Response: 506810818  
Conc: 1485.09 ng/ml



#27 Chlordane-5

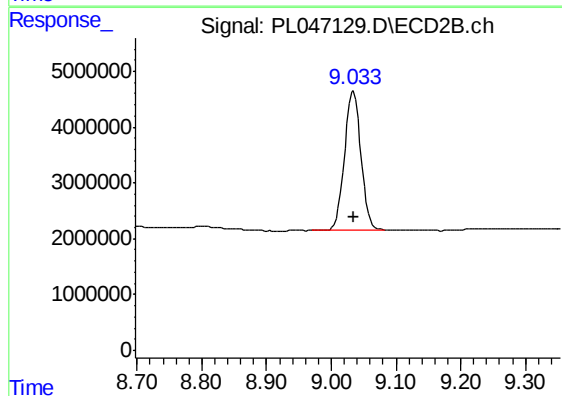
R.T.: 0.000 min  
Exp R.T. : 6.967 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.038 min  
Delta R.T.: -0.006 min  
Response: 146939145  
Conc: 17.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-14-SMS



#28 Decachlorobiphenyl

R.T.: 9.034 min  
Delta R.T.: 0.000 min  
Response: 43885182  
Conc: 18.93 ng/ml