

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111519\  
 Data File : PL054265.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Nov 2019 09:28  
 Operator : SG\AJ  
 Sample : PB124826BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB124826BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 16 00:17:14 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 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... | 3.539  | 4.042  | 194.3E6 | 46506483 | 17.927   | 18.585     |
| 28)                         | SA Decachlor... | 8.321  | 9.119  | 177.7E6 | 49553666 | 18.114   | 17.597     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.982  | 4.434  | 933.7E6 | 182.9E6  | 53.548   | 52.907     |
| 3)                          | MA gamma-BHC... | 4.269  | 4.719  | 842.2E6 | 169.2E6  | 54.078   | 52.556     |
| 4)                          | MA Heptachlor   | 4.575  | 5.229  | 841.5E6 | 158.0E6  | 53.315   | 49.022     |
| 5)                          | MB Aldrin       | 4.827  | 5.534  | 794.6E6 | 150.2E6  | 55.580   | 50.360     |
| 6)                          | B beta-BHC      | 4.520  | 4.890  | 348.9E6 | 78221753 | 52.941   | 50.641     |
| 7)                          | B delta-BHC     | 4.727  | 5.107  | 760.6E6 | 149.7E6  | 49.973   | 49.562     |
| 8)                          | B Heptachlor... | 5.272  | 5.920  | 731.8E6 | 142.9E6  | 54.213   | 48.985     |
| 9)                          | A Endosulfan I  | 5.614  | 6.277  | 660.9E6 | 132.9E6  | 53.768   | 49.033     |
| 10)                         | B gamma-Chl...  | 5.500  | 6.154  | 730.8E6 | 143.7E6  | 53.564   | 49.235     |
| 11)                         | B alpha-Chl...  | 5.559  | 6.227  | 706.5E6 | 142.7E6  | 53.104   | 48.882     |
| 12)                         | B 4,4'-DDE      | 5.722  | 6.383  | 667.0E6 | 139.4E6  | 56.130   | 49.493     |
| 13)                         | MA Dieldrin     | 5.858  | 6.534  | 696.9E6 | 140.2E6  | 53.471   | 49.137     |
| 14)                         | MA Endrin       | 6.116  | 6.752  | 611.4E6 | 118.5E6  | 52.750   | 48.810     |
| 15)                         | B Endosulfa...  | 6.389  | 6.961  | 581.7E6 | 126.9E6  | 52.031   | 49.688     |
| 16)                         | A 4,4'-DDD      | 6.239  | 6.874  | 497.8E6 | 108.5E6  | 55.938   | 52.072     |
| 17)                         | MA 4,4'-DDT     | 6.482  | 7.172  | 502.7E6 | 110.3E6  | 50.741   | 47.706     |
| 18)                         | B Endrin al...  | 6.558  | 7.085  | 471.3E6 | 108.3E6  | 51.405   | 49.288     |
| 19)                         | B Endosulfa...  | 6.771  | 7.308  | 507.4E6 | 118.4E6  | 49.887   | 48.266     |
| 20)                         | A Methoxychlor  | 7.026  | 7.630  | 241.3E6 | 60706168 | 48.948   | 46.736     |
| 21)                         | B Endrin ke...  | 7.265  | 7.779  | 581.1E6 | 131.3E6  | 53.978   | 50.907     |
| 22)                         | Mirex           | 7.458  | 8.234  | 452.1E6 | 107.3E6  | 52.856   | 53.038     |
| 24)                         | Chlordane-2     | 0.000  | 5.534f | 0       | 150.2E6  | N.D.     | 1528.692 # |
| 25)                         | Chlordane-3     | 5.500  | 6.154  | 730.8E6 | 143.7E6  | 633.999  | 393.335 #  |
| 26)                         | Chlordane-4     | 5.559  | 6.227  | 706.5E6 | 142.7E6  | 753.600  | 317.859 #  |
| 27)                         | Chlordane-5     | 6.389f | 0.000  | 581.7E6 | 0        | 1591.404 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

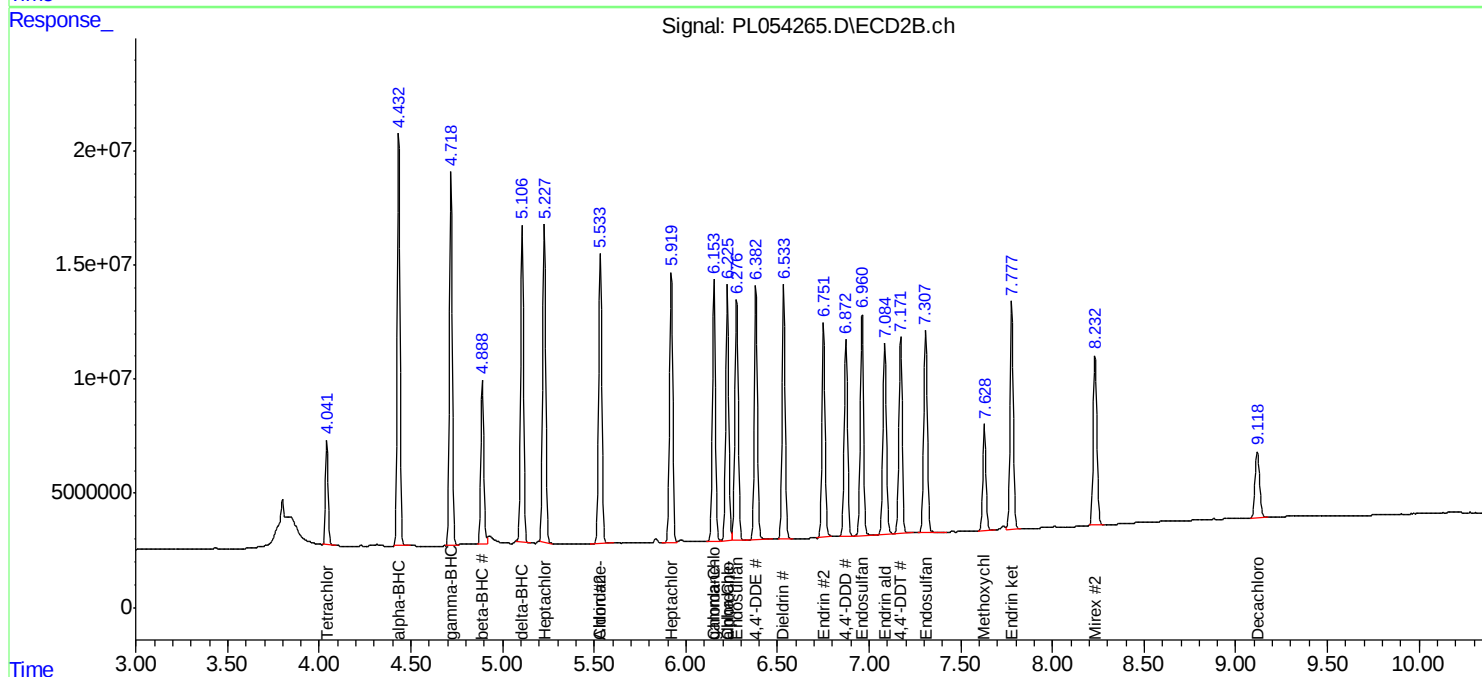
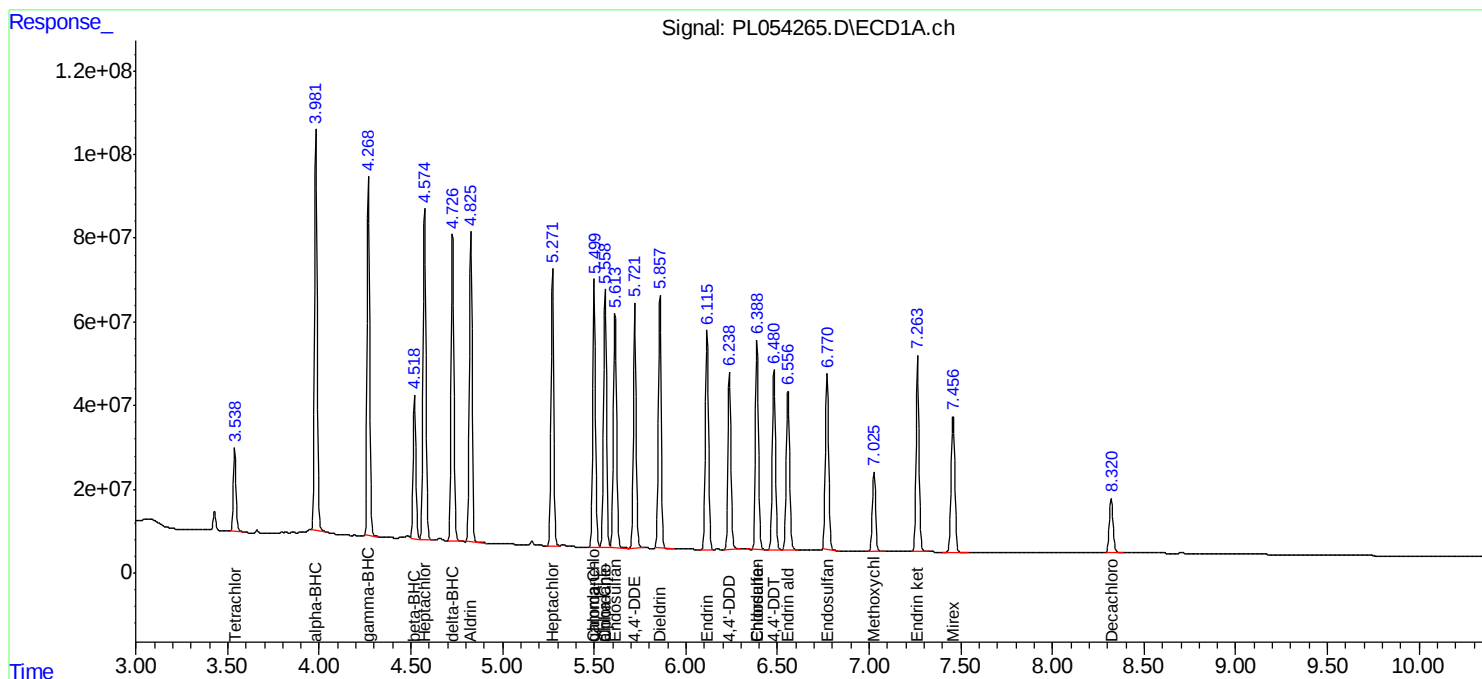
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

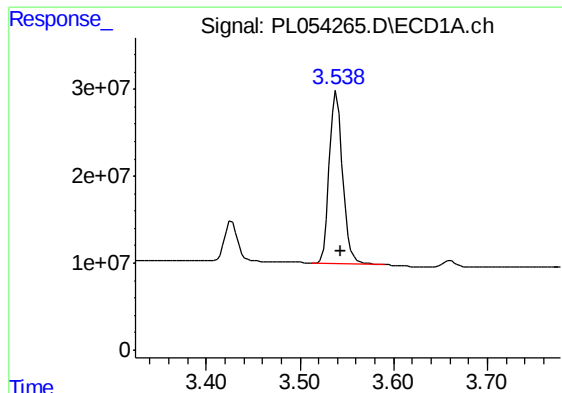
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111519\  
Data File : PL054265.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Nov 2019 09:28  
Operator : SG\AJ  
Sample : PB124826BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB124826BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 16 00:17:14 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 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

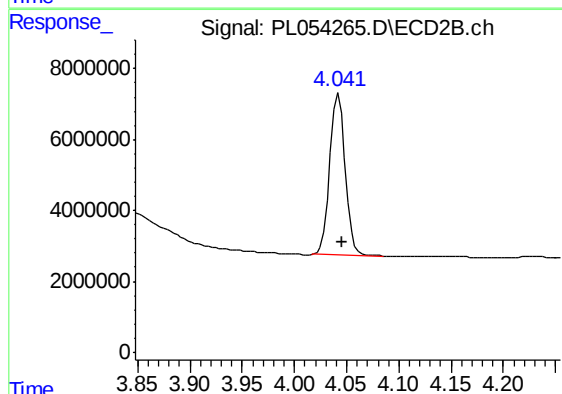




#1 Tetrachloro-m-xylene

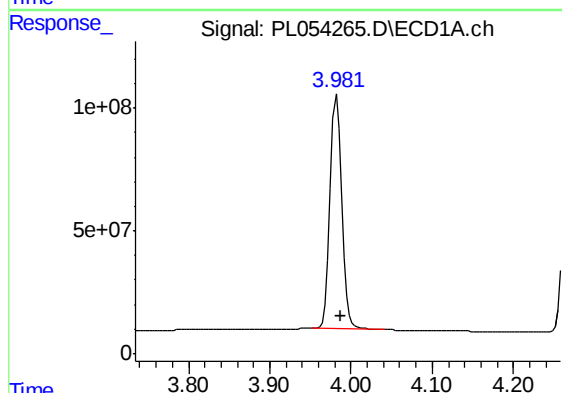
R.T.: 3.539 min  
Delta R.T.: -0.005 min  
Response: 194314551  
Conc: 17.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124826BS



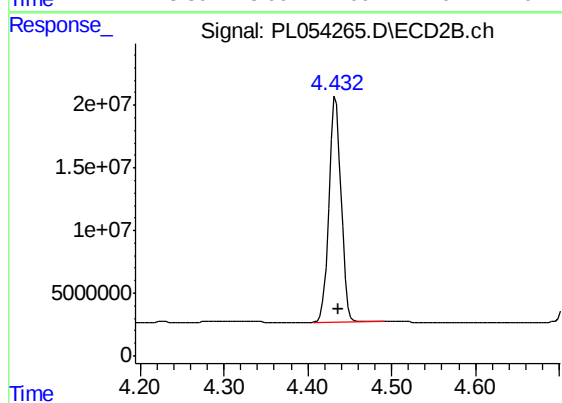
#1 Tetrachloro-m-xylene

R.T.: 4.042 min  
Delta R.T.: -0.003 min  
Response: 46506483  
Conc: 18.58 ng/ml



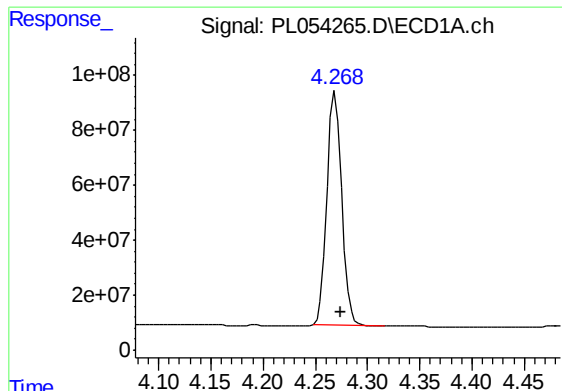
#2 alpha-BHC

R.T.: 3.982 min  
Delta R.T.: -0.006 min  
Response: 933693386  
Conc: 53.55 ng/ml



#2 alpha-BHC

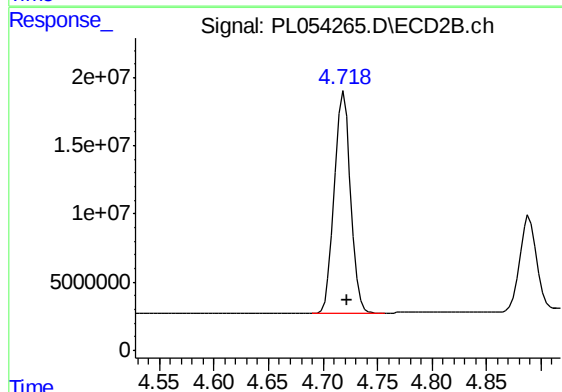
R.T.: 4.434 min  
Delta R.T.: -0.003 min  
Response: 182903839  
Conc: 52.91 ng/ml



#3 gamma-BHC (Lindane)

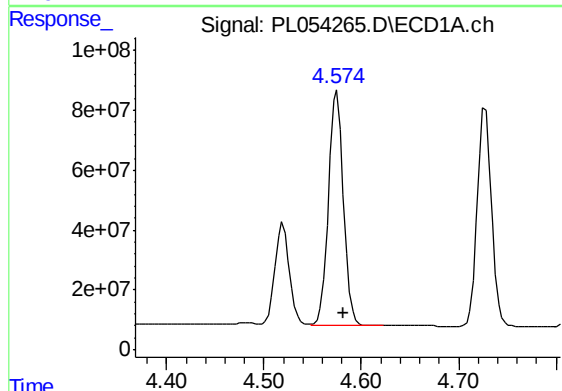
R.T.: 4.269 min  
Delta R.T.: -0.005 min  
Response: 842189470  
Conc: 54.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124826BS



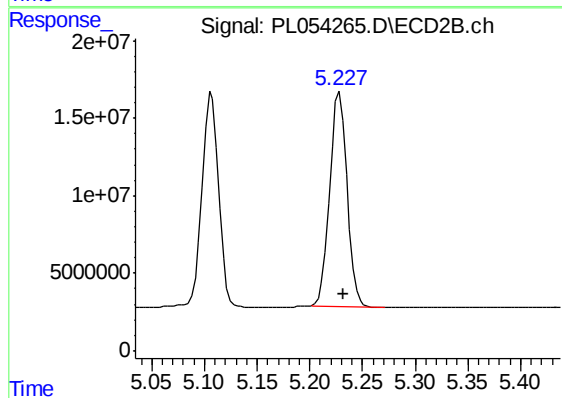
#3 gamma-BHC (Lindane)

R.T.: 4.719 min  
Delta R.T.: -0.003 min  
Response: 169249589  
Conc: 52.56 ng/ml



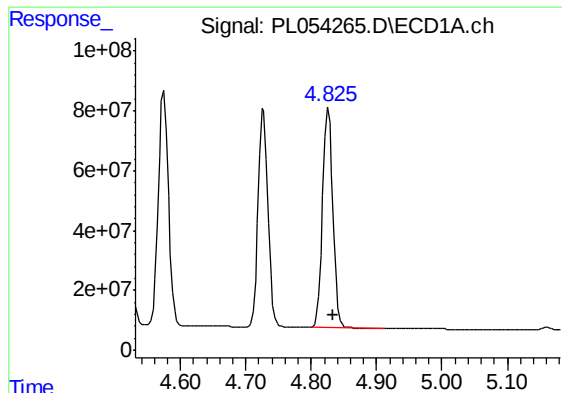
#4 Heptachlor

R.T.: 4.575 min  
Delta R.T.: -0.007 min  
Response: 841470284  
Conc: 53.32 ng/ml



#4 Heptachlor

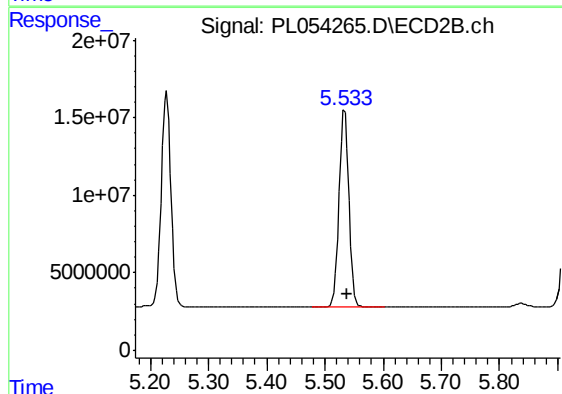
R.T.: 5.229 min  
Delta R.T.: -0.004 min  
Response: 157955746  
Conc: 49.02 ng/ml



#5 Aldrin

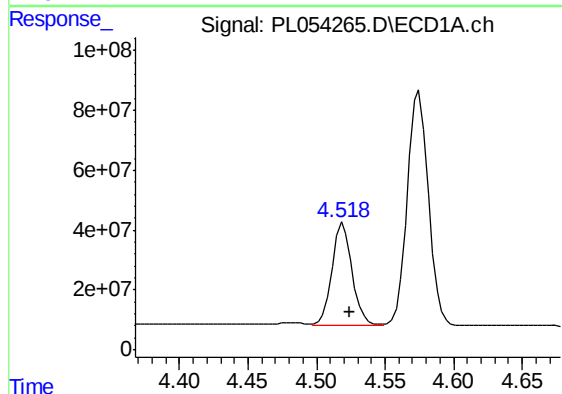
R.T.: 4.827 min  
Delta R.T.: -0.008 min  
Response: 794556940  
Conc: 55.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124826BS



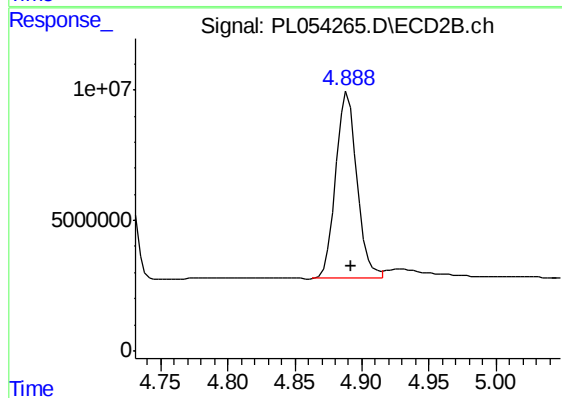
#5 Aldrin

R.T.: 5.534 min  
Delta R.T.: -0.004 min  
Response: 150150321  
Conc: 50.36 ng/ml



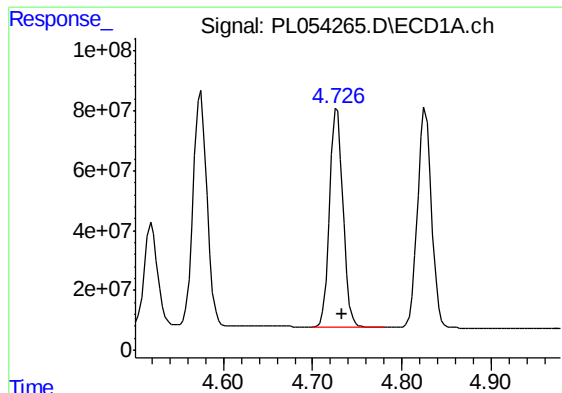
#6 beta-BHC

R.T.: 4.520 min  
Delta R.T.: -0.005 min  
Response: 348872109  
Conc: 52.94 ng/ml



#6 beta-BHC

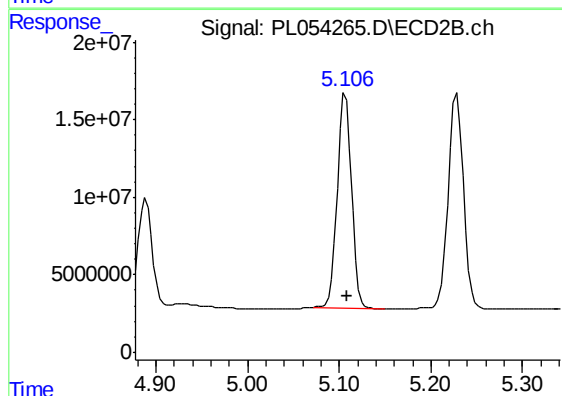
R.T.: 4.890 min  
Delta R.T.: -0.002 min  
Response: 78221753  
Conc: 50.64 ng/ml



#7 delta-BHC

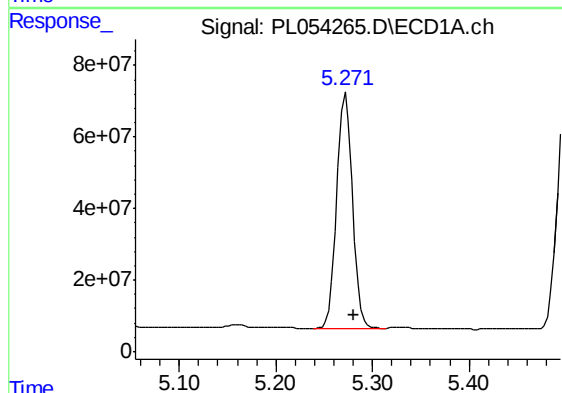
R.T.: 4.727 min  
Delta R.T.: -0.006 min  
Response: 760644405  
Conc: 49.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124826BS



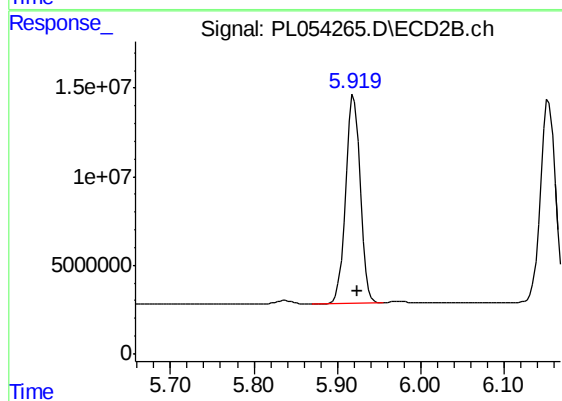
#7 delta-BHC

R.T.: 5.107 min  
Delta R.T.: -0.002 min  
Response: 149706520  
Conc: 49.56 ng/ml



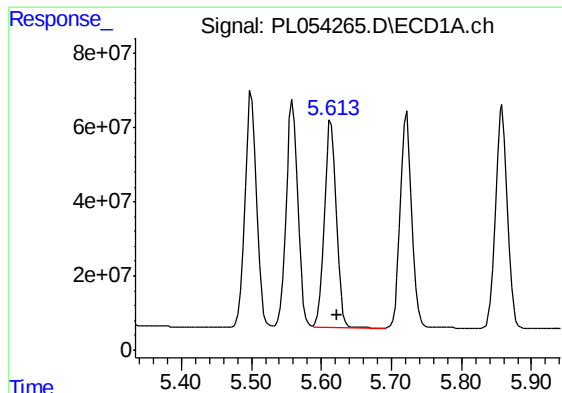
#8 Heptachlor epoxide

R.T.: 5.272 min  
Delta R.T.: -0.008 min  
Response: 731836781  
Conc: 54.21 ng/ml



#8 Heptachlor epoxide

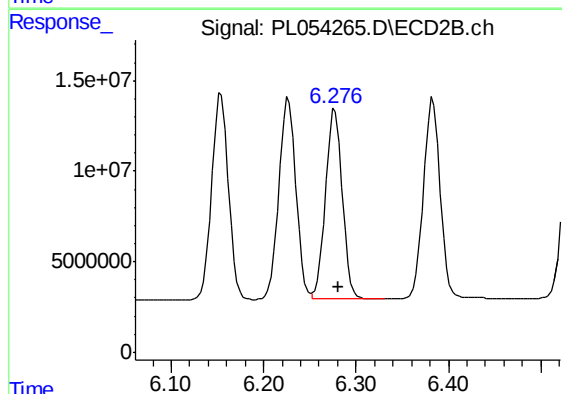
R.T.: 5.920 min  
Delta R.T.: -0.004 min  
Response: 142860381  
Conc: 48.99 ng/ml



#9 Endosulfan I

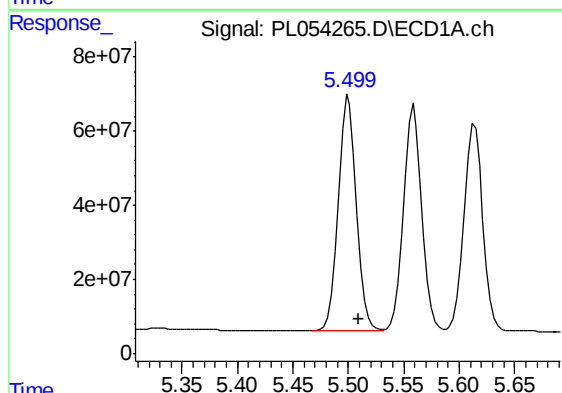
R.T.: 5.614 min  
Delta R.T.: -0.009 min  
Response: 660922125  
Conc: 53.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124826BS



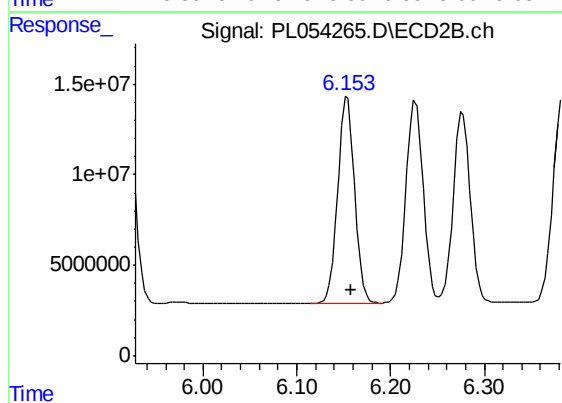
#9 Endosulfan I

R.T.: 6.277 min  
Delta R.T.: -0.004 min  
Response: 132939332  
Conc: 49.03 ng/ml



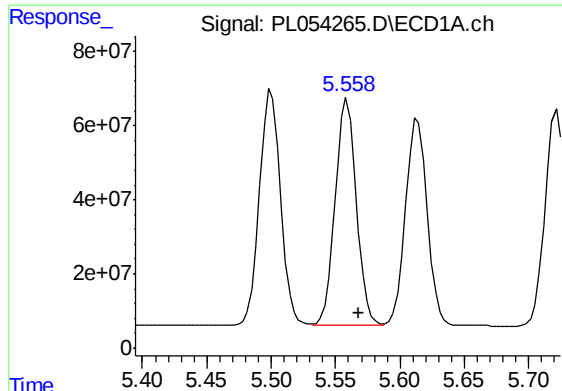
#10 gamma-Chlordane

R.T.: 5.500 min  
Delta R.T.: -0.009 min  
Response: 730802022  
Conc: 53.56 ng/ml



#10 gamma-Chlordane

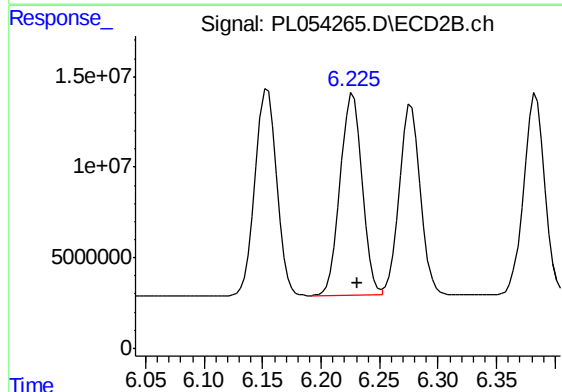
R.T.: 6.154 min  
Delta R.T.: -0.004 min  
Response: 143657858  
Conc: 49.23 ng/ml



#11 alpha-Chlordane

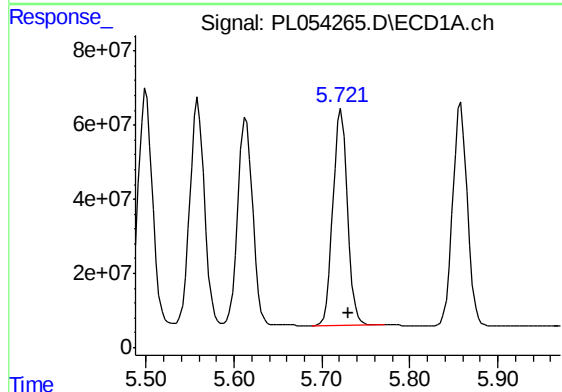
R.T.: 5.559 min  
Delta R.T.: -0.009 min  
Response: 706463618  
Conc: 53.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124826BS



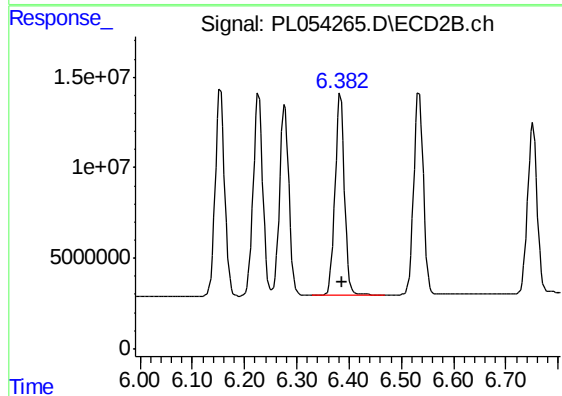
#11 alpha-Chlordane

R.T.: 6.227 min  
Delta R.T.: -0.004 min  
Response: 142698433  
Conc: 48.88 ng/ml



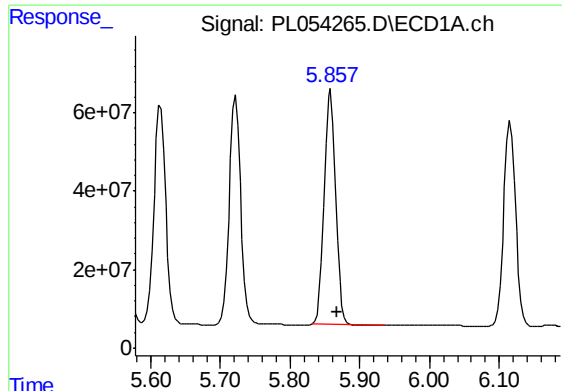
#12 4,4'-DDE

R.T.: 5.722 min  
Delta R.T.: -0.009 min  
Response: 666950186  
Conc: 56.13 ng/ml



#12 4,4'-DDE

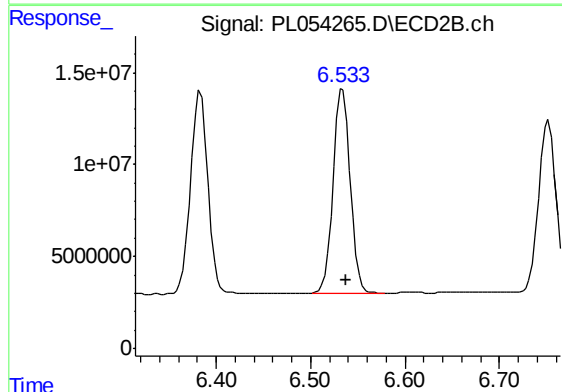
R.T.: 6.383 min  
Delta R.T.: -0.003 min  
Response: 139388565  
Conc: 49.49 ng/ml



#13 Dielddrin

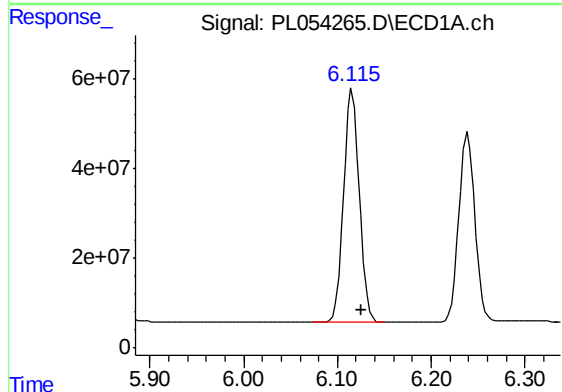
R.T.: 5.858 min  
Delta R.T.: -0.009 min  
Response: 696920819  
Conc: 53.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124826BS



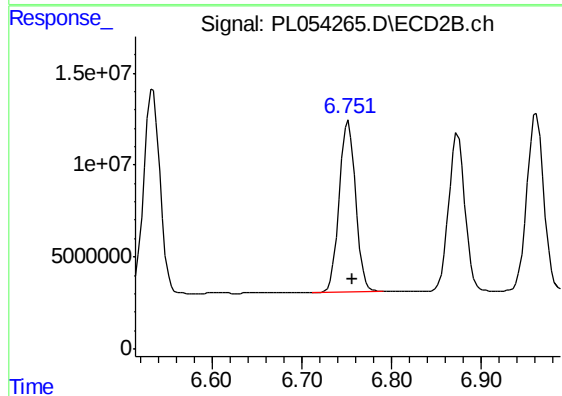
#13 Dielddrin

R.T.: 6.534 min  
Delta R.T.: -0.004 min  
Response: 140220480  
Conc: 49.14 ng/ml



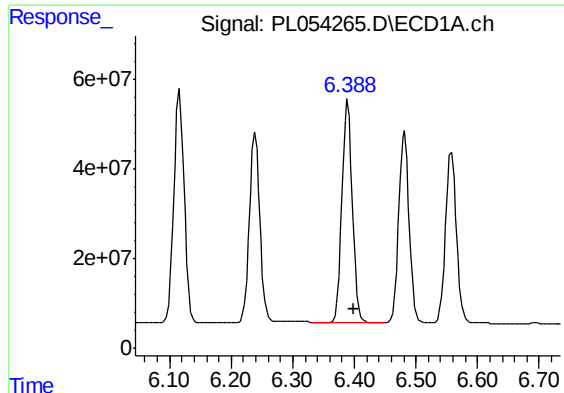
#14 Endrin

R.T.: 6.116 min  
Delta R.T.: -0.010 min  
Response: 611435111  
Conc: 52.75 ng/ml



#14 Endrin

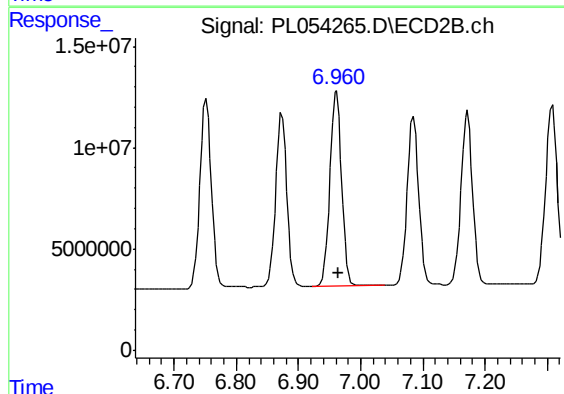
R.T.: 6.752 min  
Delta R.T.: -0.004 min  
Response: 118471413  
Conc: 48.81 ng/ml



#15 Endosulfan II

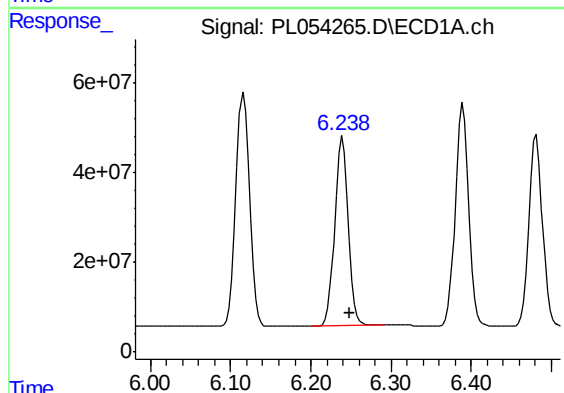
R.T.: 6.389 min  
Delta R.T.: -0.009 min  
Response: 581728490  
Conc: 52.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124826BS



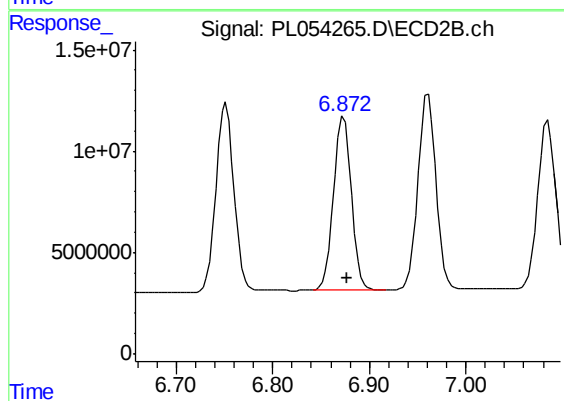
#15 Endosulfan II

R.T.: 6.961 min  
Delta R.T.: -0.004 min  
Response: 126926939  
Conc: 49.69 ng/ml



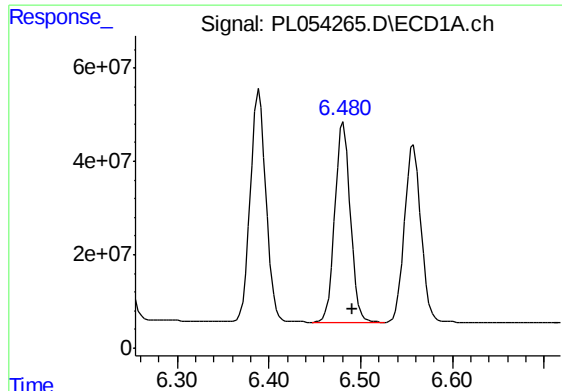
#16 4,4'-DDD

R.T.: 6.239 min  
Delta R.T.: -0.009 min  
Response: 497844863  
Conc: 55.94 ng/ml



#16 4,4'-DDD

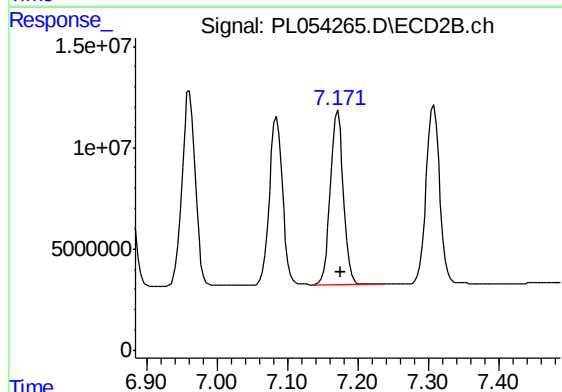
R.T.: 6.874 min  
Delta R.T.: -0.003 min  
Response: 108516276  
Conc: 52.07 ng/ml



#17 4,4'-DDT

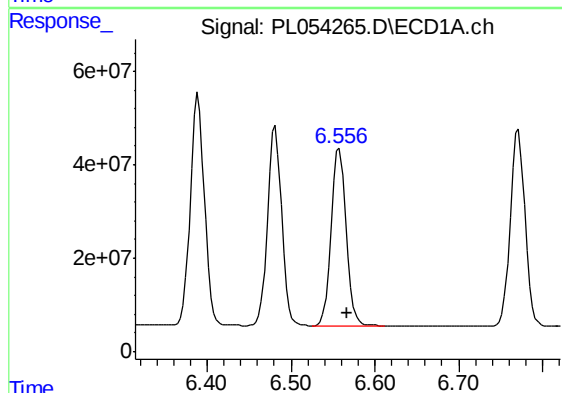
R.T.: 6.482 min  
Delta R.T.: -0.010 min  
Response: 502652612  
Conc: 50.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124826BS



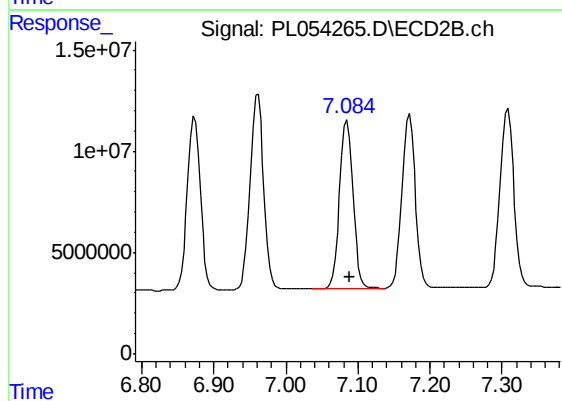
#17 4,4'-DDT

R.T.: 7.172 min  
Delta R.T.: -0.004 min  
Response: 110320189  
Conc: 47.71 ng/ml



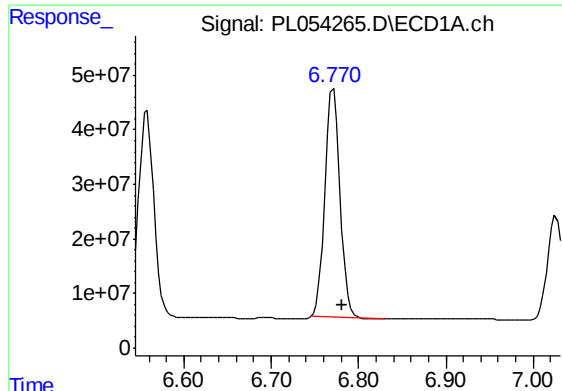
#18 Endrin aldehyde

R.T.: 6.558 min  
Delta R.T.: -0.009 min  
Response: 471348360  
Conc: 51.41 ng/ml



#18 Endrin aldehyde

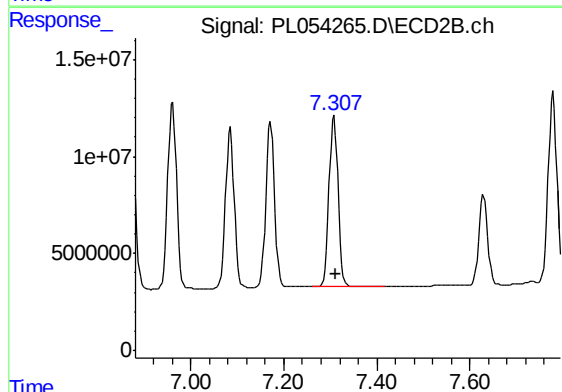
R.T.: 7.085 min  
Delta R.T.: -0.004 min  
Response: 108273782  
Conc: 49.29 ng/ml



#19 Endosulfan Sulfate

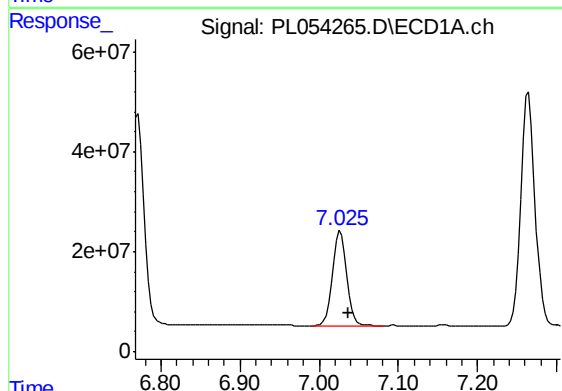
R.T.: 6.771 min  
Delta R.T.: -0.010 min  
Response: 507428134  
Conc: 49.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124826BS



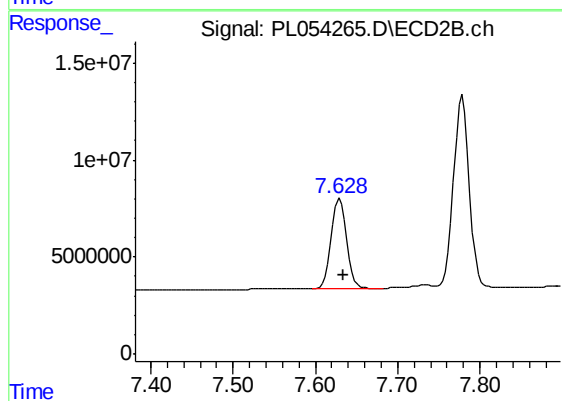
#19 Endosulfan Sulfate

R.T.: 7.308 min  
Delta R.T.: -0.003 min  
Response: 118425862  
Conc: 48.27 ng/ml



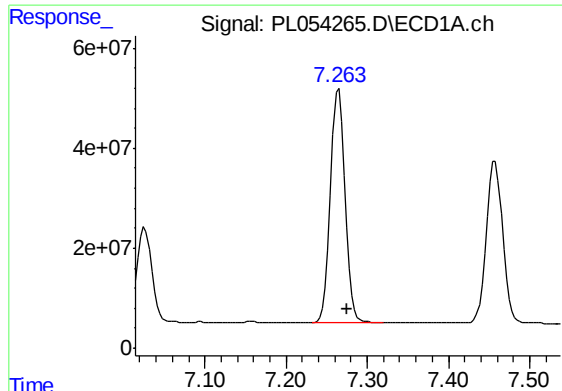
#20 Methoxychlor

R.T.: 7.026 min  
Delta R.T.: -0.011 min  
Response: 241331020  
Conc: 48.95 ng/ml



#20 Methoxychlor

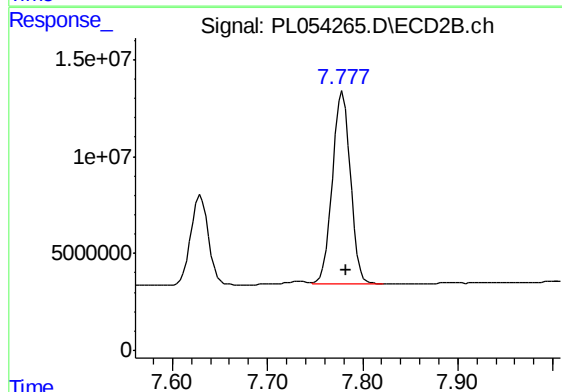
R.T.: 7.630 min  
Delta R.T.: -0.004 min  
Response: 60706168  
Conc: 46.74 ng/ml



#21 Endrin ketone

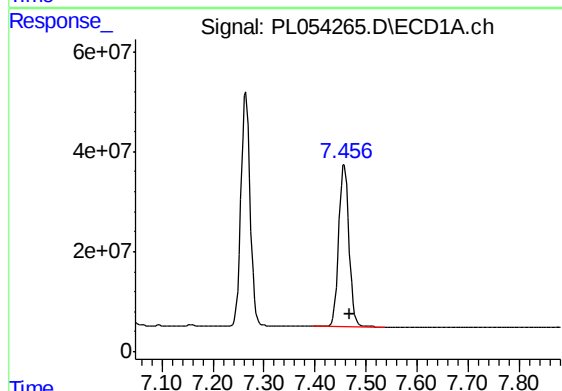
R.T.: 7.265 min  
Delta R.T.: -0.011 min  
Response: 581078993  
Conc: 53.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124826BS



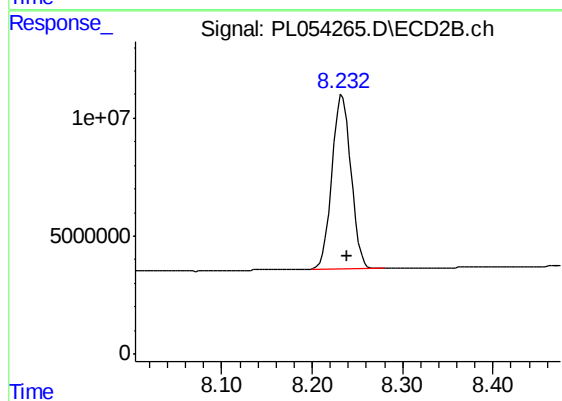
#21 Endrin ketone

R.T.: 7.779 min  
Delta R.T.: -0.004 min  
Response: 131262153  
Conc: 50.91 ng/ml



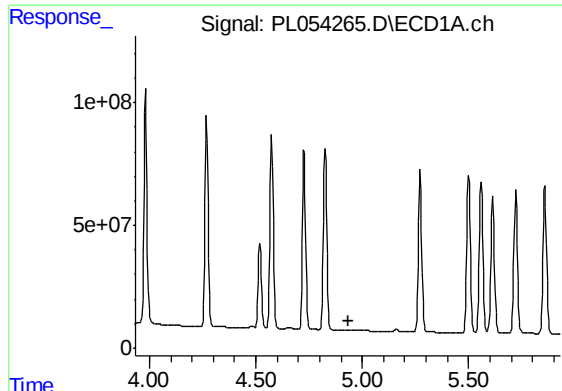
#22 Mirex

R.T.: 7.458 min  
Delta R.T.: -0.012 min  
Response: 452078643  
Conc: 52.86 ng/ml



#22 Mirex

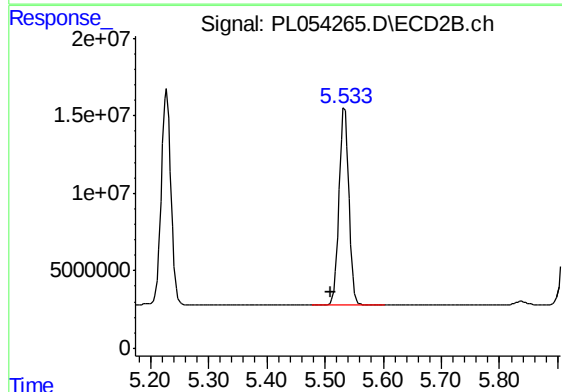
R.T.: 8.234 min  
Delta R.T.: -0.005 min  
Response: 107299942  
Conc: 53.04 ng/ml



#24 Chlordane-2

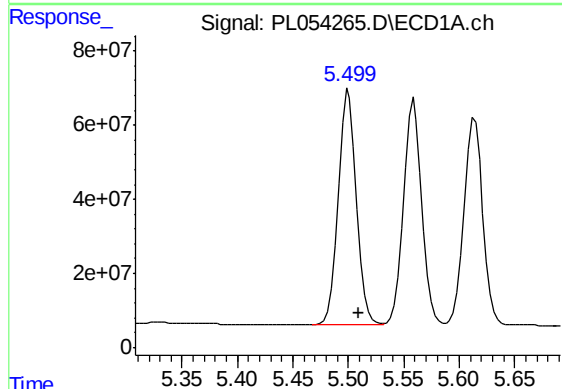
R.T.: 0.000 min  
Exp R.T.: 4.934 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB124826BS



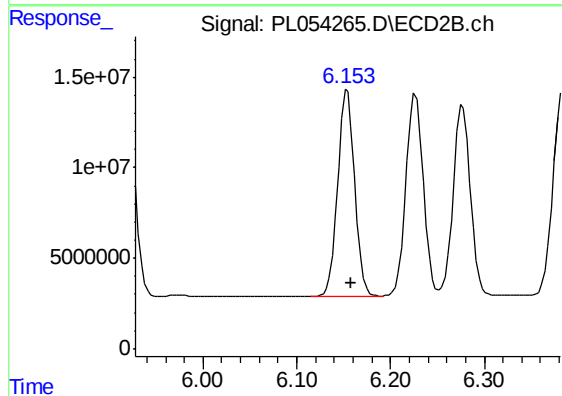
#24 Chlordane-2

R.T.: 5.534 min  
Delta R.T.: 0.024 min  
Response: 150150321  
Conc: 1528.69 ng/ml



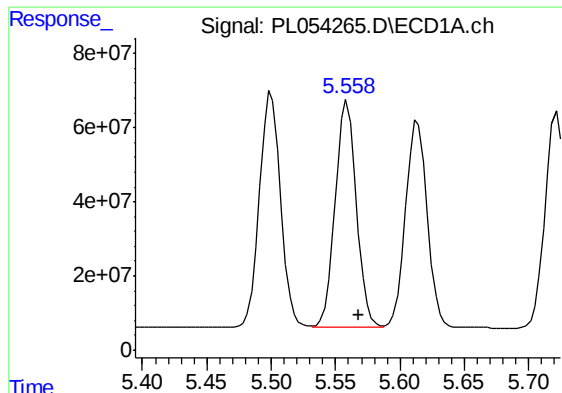
#25 Chlordane-3

R.T.: 5.500 min  
Delta R.T.: -0.009 min  
Response: 730802022  
Conc: 634.00 ng/ml



#25 Chlordane-3

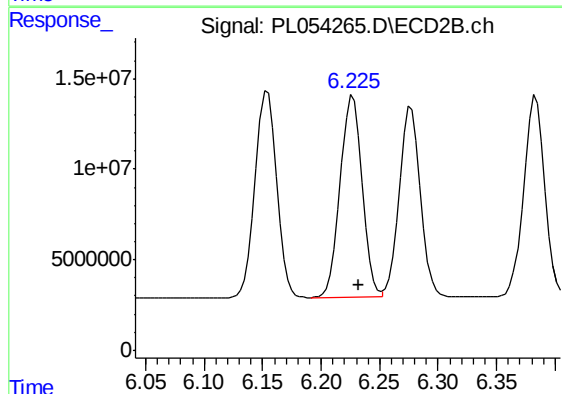
R.T.: 6.154 min  
Delta R.T.: -0.004 min  
Response: 143657858  
Conc: 393.33 ng/ml



#26 Chlordane-4

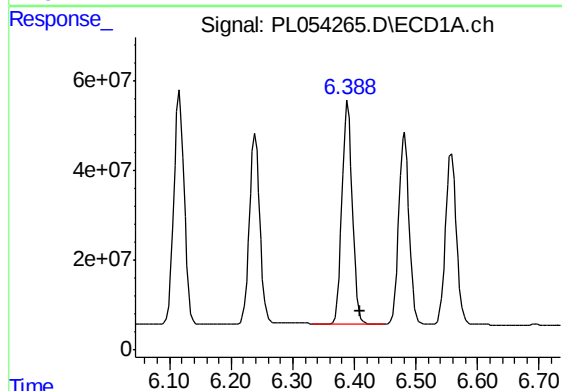
R.T.: 5.559 min  
Delta R.T.: -0.008 min  
Response: 706463618  
Conc: 753.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124826BS



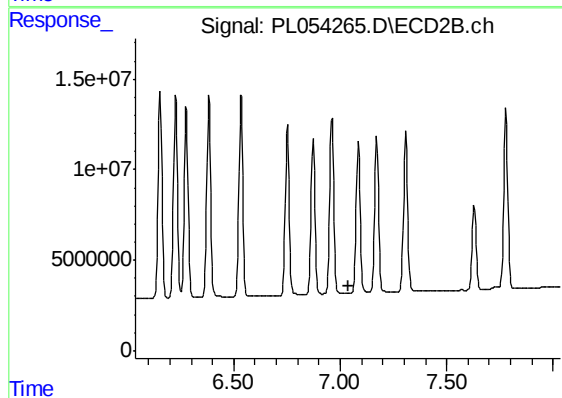
#26 Chlordane-4

R.T.: 6.227 min  
Delta R.T.: -0.005 min  
Response: 142698433  
Conc: 317.86 ng/ml



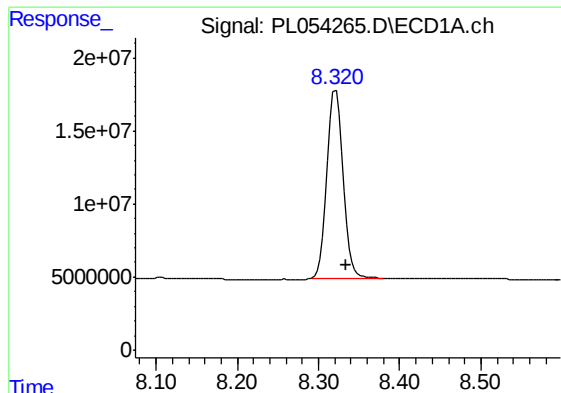
#27 Chlordane-5

R.T.: 6.389 min  
Delta R.T.: -0.020 min  
Response: 581728490  
Conc: 1591.40 ng/ml



#27 Chlordane-5

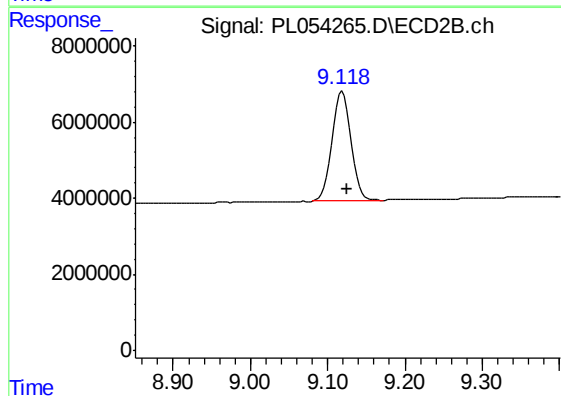
R.T.: 0.000 min  
Exp R.T. : 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.321 min  
Delta R.T.: -0.013 min  
Response: 177730841  
Conc: 18.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124826BS



#28 Decachlorobiphenyl

R.T.: 9.119 min  
Delta R.T.: -0.007 min  
Response: 49553666  
Conc: 17.60 ng/ml