

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030519\  
 Data File : PL045475.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Mar 2019 15:31  
 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 06 00:09:48 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. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2   | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|--------|---------|----------|----------|------------|
| -----                       |                 |       |        |         |          |          |            |
| System Monitoring Compounds |                 |       |        |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.363 | 3.982  | 329.5E6 | 103.5E6  | 47.897   | 48.337     |
| 28)                         | SA Decachlor... | 8.048 | 9.042  | 361.6E6 | 101.9E6  | 43.219   | 44.591     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.793 | 4.373  | 536.3E6 | 150.9E6  | 48.285   | 49.651     |
| 3)                          | MA gamma-BHC... | 4.071 | 4.657  | 491.7E6 | 139.7E6  | 48.653   | 49.453     |
| 4)                          | MA Heptachlor   | 4.359 | 5.165  | 499.4E6 | 142.3E6  | 47.323   | 47.823     |
| 5)                          | MB Aldrin       | 4.600 | 5.469  | 471.7E6 | 131.6E6  | 48.500   | 48.707     |
| 6)                          | B beta-BHC      | 4.324 | 4.829  | 202.0E6 | 62605577 | 47.140   | 49.297     |
| 7)                          | B delta-BHC     | 4.520 | 5.045  | 468.7E6 | 120.0E6  | 49.041   | 55.805     |
| 8)                          | B Heptachlor... | 5.037 | 5.855  | 441.7E6 | 124.0E6  | 47.331   | 51.610     |
| 9)                          | A Endosulfan I  | 5.369 | 6.212  | 419.8E6 | 117.5E6  | 46.961   | 47.166     |
| 10)                         | B gamma-Chl...  | 5.261 | 6.089  | 460.5E6 | 128.6E6  | 47.057   | 47.914     |
| 11)                         | B alpha-Chl...  | 5.317 | 6.161  | 452.5E6 | 127.2E6  | 46.662   | 47.166     |
| 12)                         | B 4,4'-DDE      | 5.484 | 6.320  | 418.5E6 | 111.8E6  | 47.675   | 47.858     |
| 13)                         | MA Dieldrin     | 5.610 | 6.468  | 453.9E6 | 121.8E6  | 47.488   | 47.385     |
| 14)                         | MA Endrin       | 5.863 | 6.686  | 382.3E6 | 96244011 | 42.448   | 42.300     |
| 15)                         | B Endosulfa...  | 6.137 | 6.896  | 400.6E6 | 108.9E6  | 46.207   | 46.315     |
| 16)                         | A 4,4'-DDD      | 5.996 | 6.810  | 355.3E6 | 94360914 | 48.530   | 49.067     |
| 17)                         | MA 4,4'-DDT     | 6.232 | 7.108  | 327.9E6 | 88409114 | 43.720   | 44.799     |
| 18)                         | B Endrin al...  | 6.305 | 7.019  | 336.8E6 | 94716375 | 46.076   | 46.334     |
| 19)                         | B Endosulfa...  | 6.516 | 7.242  | 367.5E6 | 103.6E6  | 45.213   | 46.049     |
| 20)                         | A Methoxychlor  | 6.777 | 7.566  | 181.4E6 | 52503026 | 41.312   | 42.775     |
| 21)                         | B Endrin ke...  | 7.000 | 7.712  | 443.7E6 | 114.9E6  | 48.162   | 48.330     |
| 22)                         | Mirex           | 7.177 | 8.165  | 326.0E6 | 90316460 | 43.811   | 45.347     |
| 24)                         | Chlordane-2     | 0.000 | 5.469f | 0       | 131.6E6  | N.D.     | 1088.754 # |
| 25)                         | Chlordane-3     | 5.261 | 6.089  | 460.5E6 | 128.6E6  | 401.513  | 329.930    |
| 26)                         | Chlordane-4     | 5.317 | 6.161  | 452.5E6 | 127.2E6  | 426.849  | 271.982 #  |
| 27)                         | Chlordane-5     | 6.137 | 0.000  | 400.6E6 | 0        | 1159.854 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

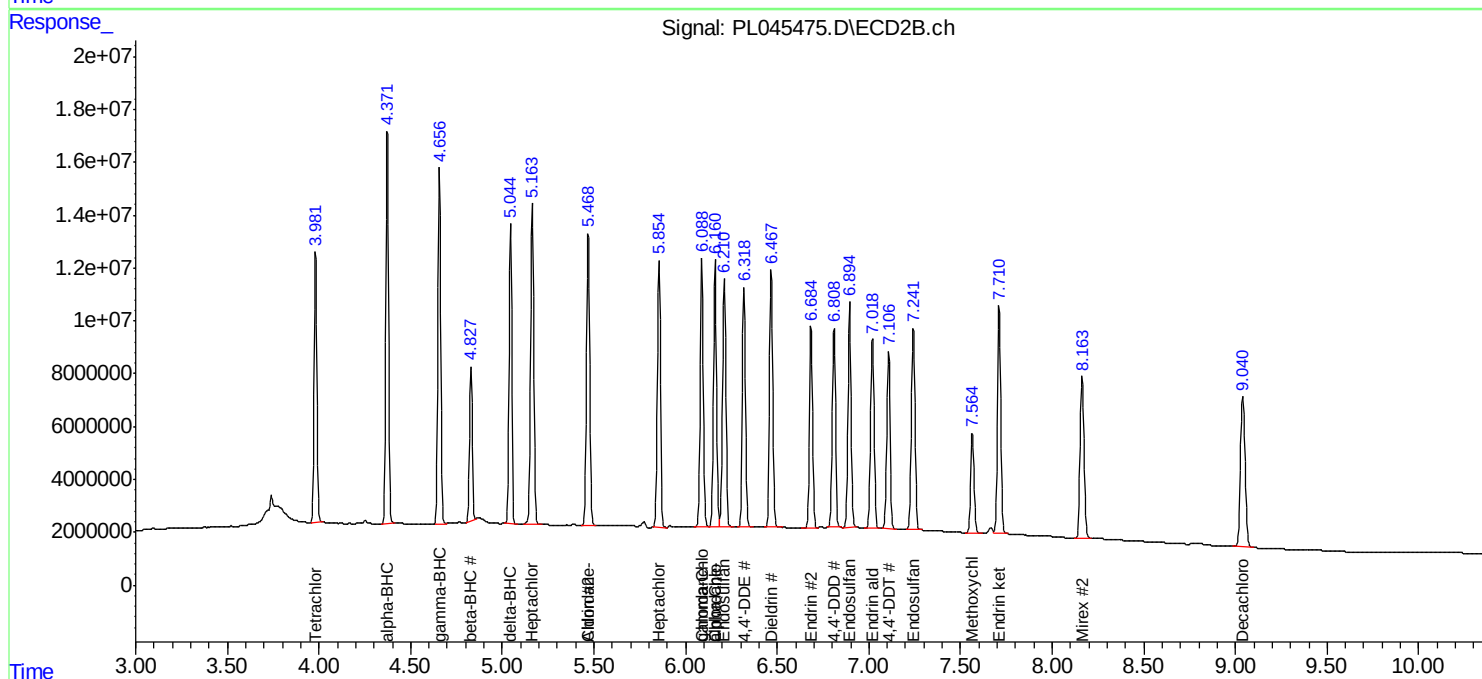
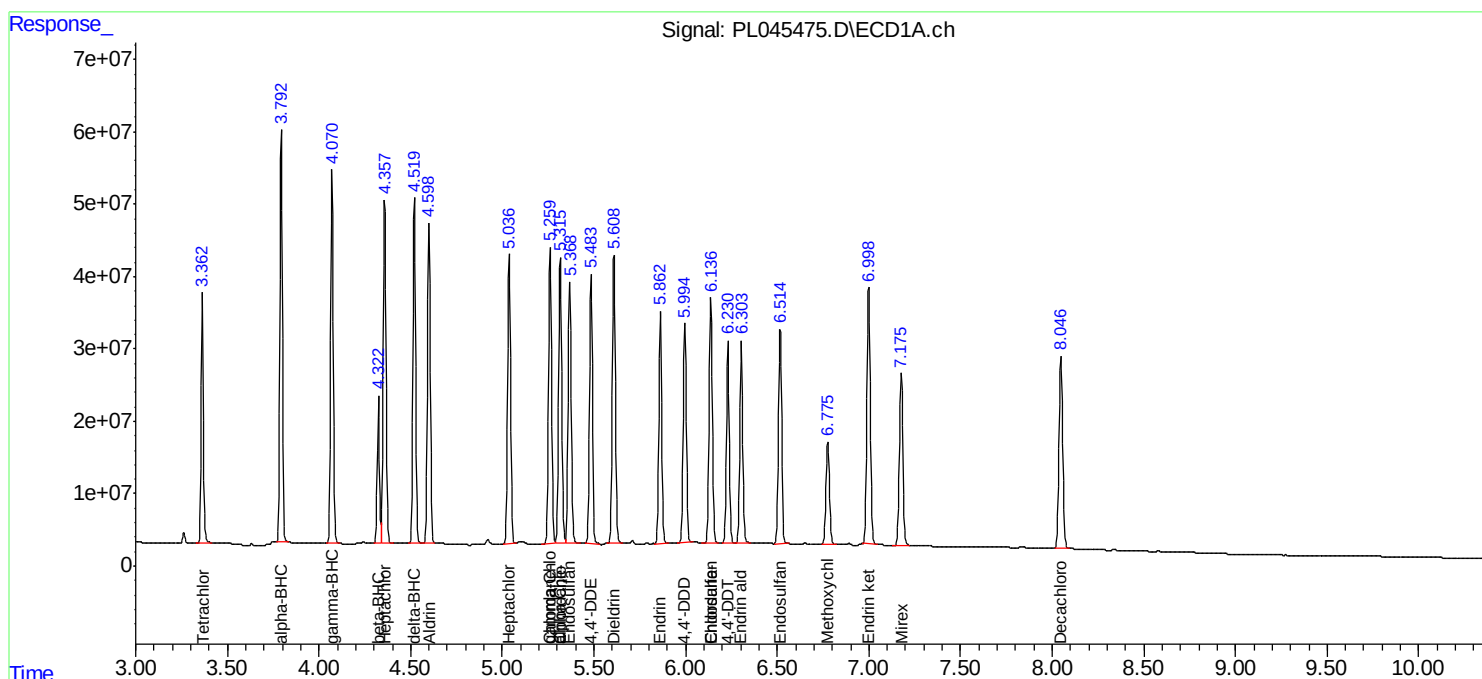
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

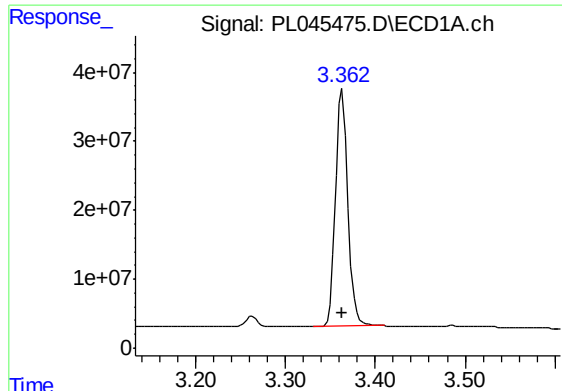
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030519\  
Data File : PL045475.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Mar 2019 15:31  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 06 00:09:48 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. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

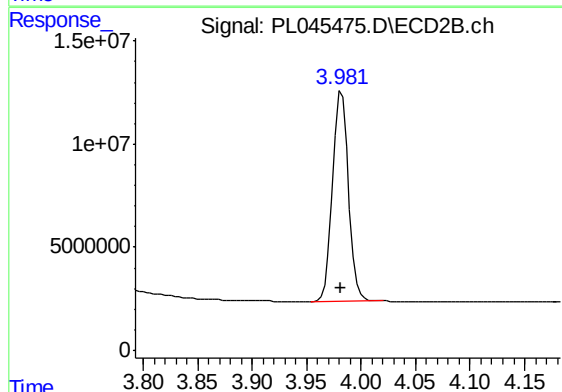




#1 Tetrachloro-m-xylene

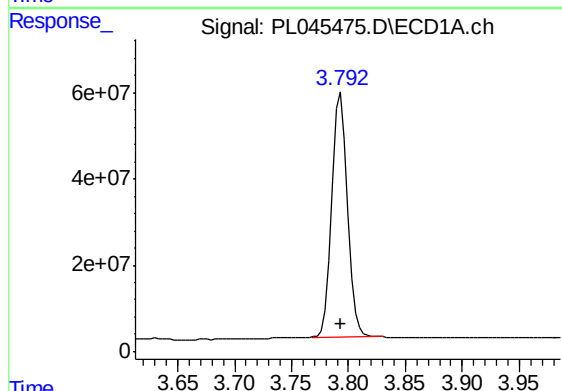
R.T.: 3.363 min  
Delta R.T.: 0.000 min  
Response: 329493942  
Conc: 47.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



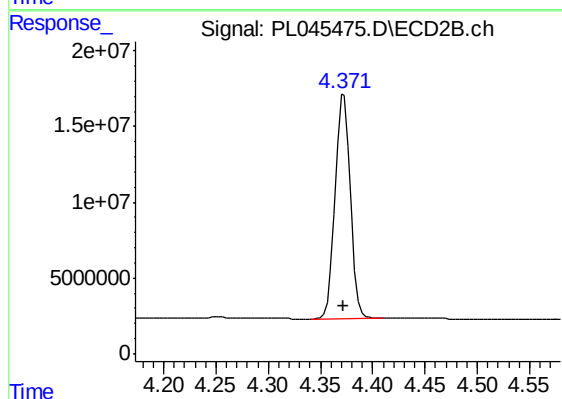
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 103515055  
Conc: 48.34 ng/ml



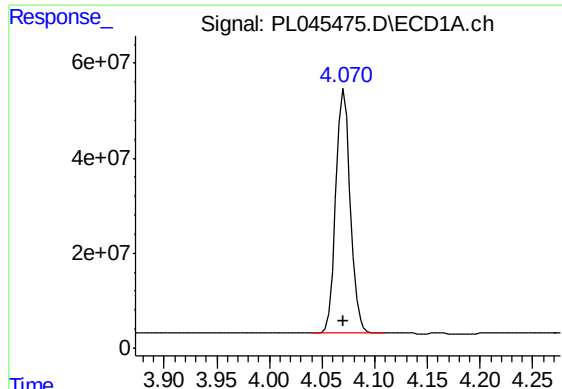
#2 alpha-BHC

R.T.: 3.793 min  
Delta R.T.: 0.000 min  
Response: 536315785  
Conc: 48.28 ng/ml



#2 alpha-BHC

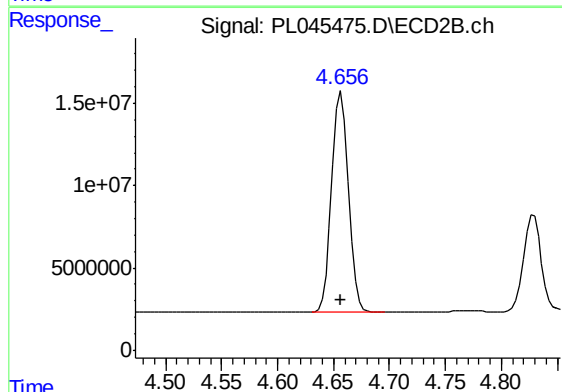
R.T.: 4.373 min  
Delta R.T.: 0.001 min  
Response: 150871230  
Conc: 49.65 ng/ml



#3 gamma-BHC (Lindane)

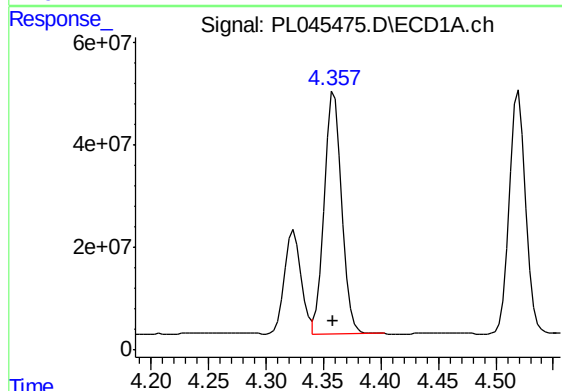
R.T.: 4.071 min  
Delta R.T.: 0.000 min  
Response: 491740927  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



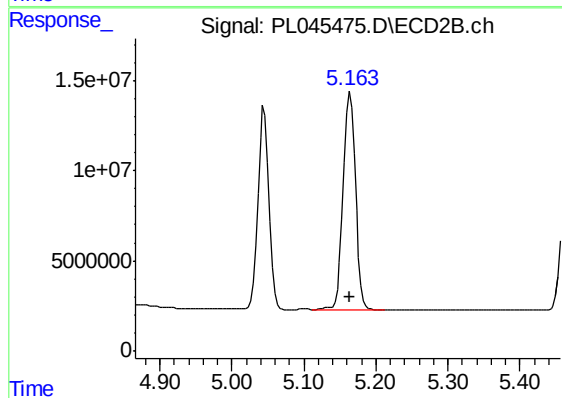
#3 gamma-BHC (Lindane)

R.T.: 4.657 min  
Delta R.T.: 0.001 min  
Response: 139684606  
Conc: 49.45 ng/ml



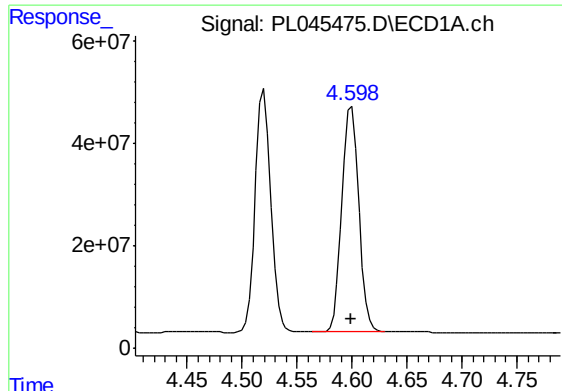
#4 Heptachlor

R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 499363563  
Conc: 47.32 ng/ml



#4 Heptachlor

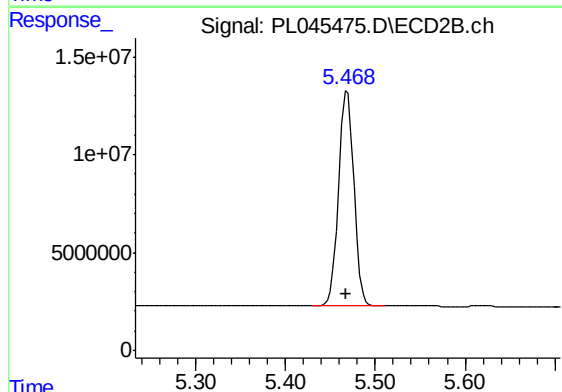
R.T.: 5.165 min  
Delta R.T.: 0.001 min  
Response: 142270312  
Conc: 47.82 ng/ml



#5 Aldrin

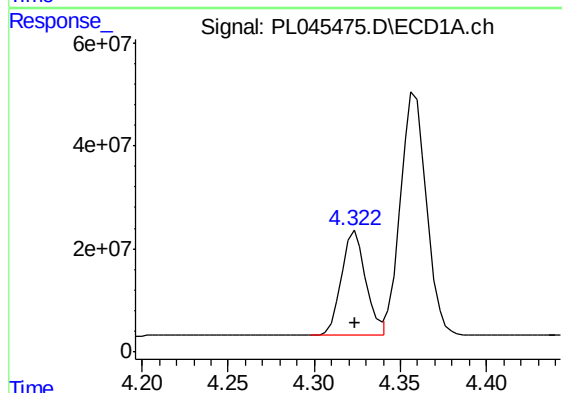
R.T.: 4.600 min  
Delta R.T.: 0.000 min  
Response: 471732830  
Conc: 48.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



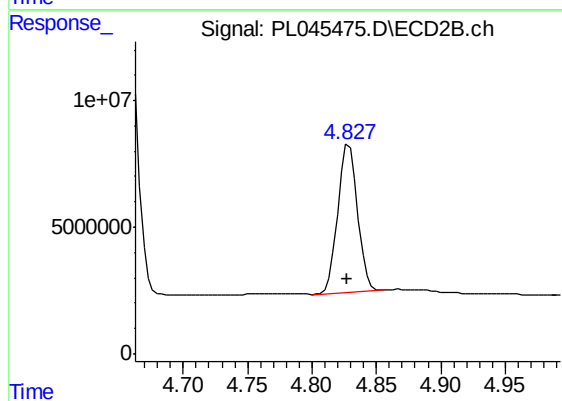
#5 Aldrin

R.T.: 5.469 min  
Delta R.T.: 0.002 min  
Response: 131554365  
Conc: 48.71 ng/ml



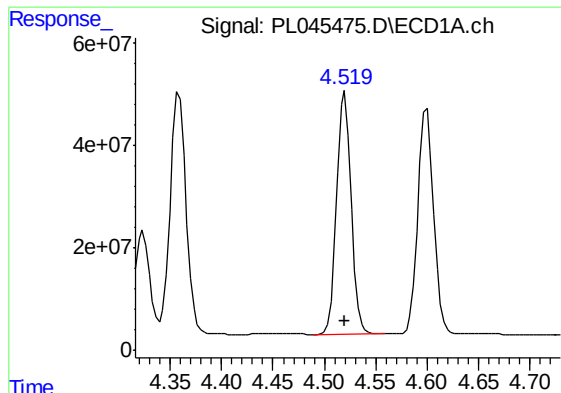
#6 beta-BHC

R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 202046912  
Conc: 47.14 ng/ml



#6 beta-BHC

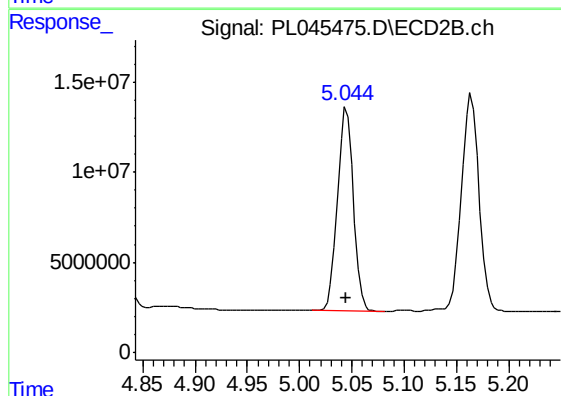
R.T.: 4.829 min  
Delta R.T.: 0.001 min  
Response: 62605577  
Conc: 49.30 ng/ml



#7 delta-BHC

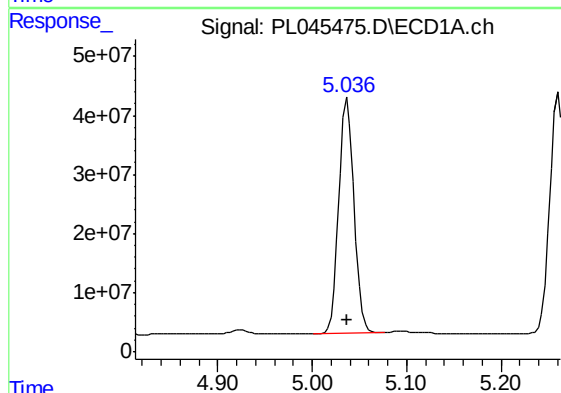
R.T.: 4.520 min  
Delta R.T.: 0.000 min  
Response: 468732439  
Conc: 49.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



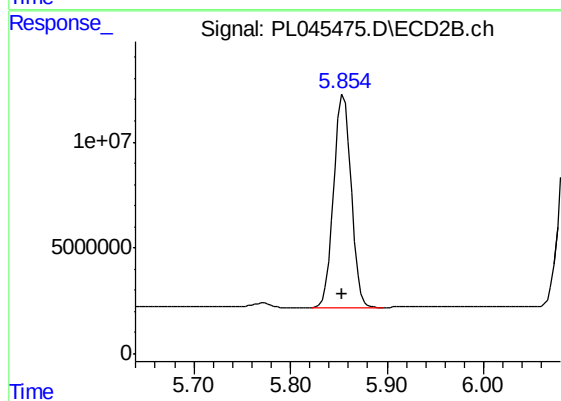
#7 delta-BHC

R.T.: 5.045 min  
Delta R.T.: 0.001 min  
Response: 120029804  
Conc: 55.80 ng/ml



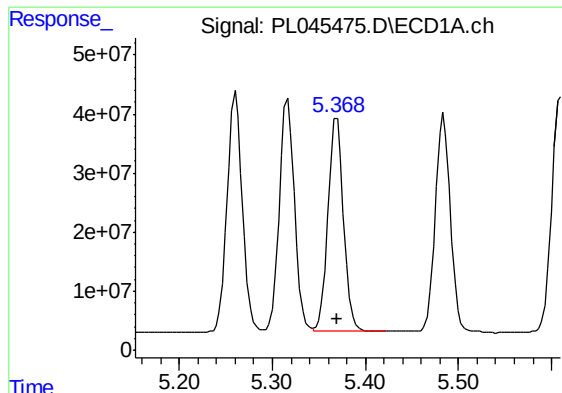
#8 Heptachlor epoxide

R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 441742650  
Conc: 47.33 ng/ml



#8 Heptachlor epoxide

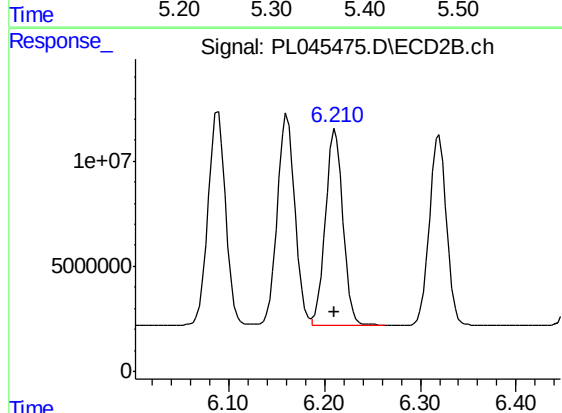
R.T.: 5.855 min  
Delta R.T.: 0.002 min  
Response: 123962723  
Conc: 51.61 ng/ml



#9 Endosulfan I

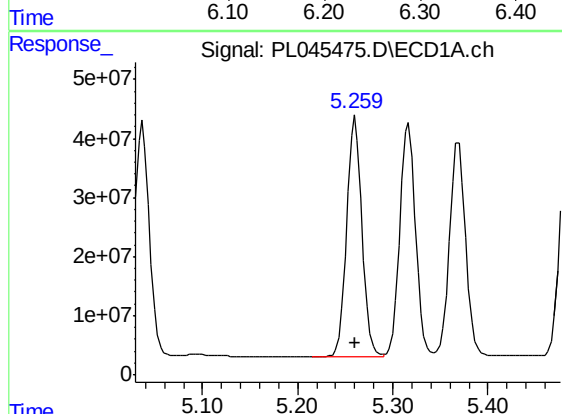
R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 419753352  
Conc: 46.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



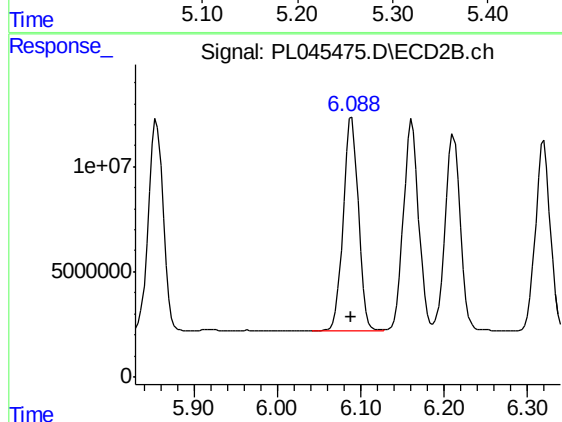
#9 Endosulfan I

R.T.: 6.212 min  
Delta R.T.: 0.002 min  
Response: 117455952  
Conc: 47.17 ng/ml



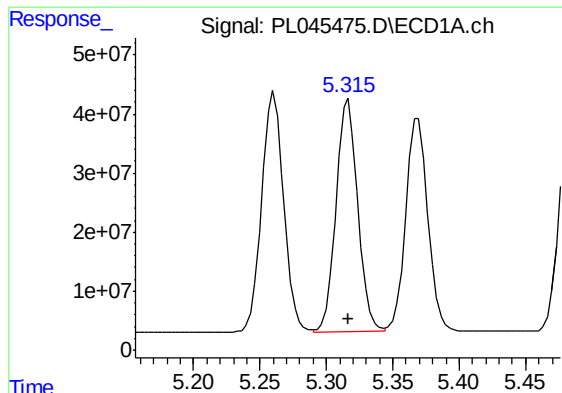
#10 gamma-Chlordane

R.T.: 5.261 min  
Delta R.T.: 0.000 min  
Response: 460544639  
Conc: 47.06 ng/ml



#10 gamma-Chlordane

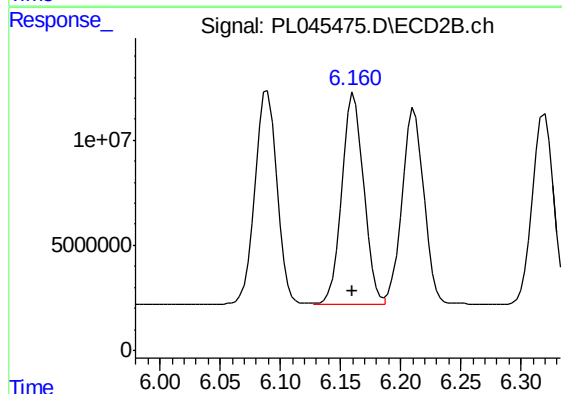
R.T.: 6.089 min  
Delta R.T.: 0.002 min  
Response: 128550635  
Conc: 47.91 ng/ml



#11 alpha-Chlordane

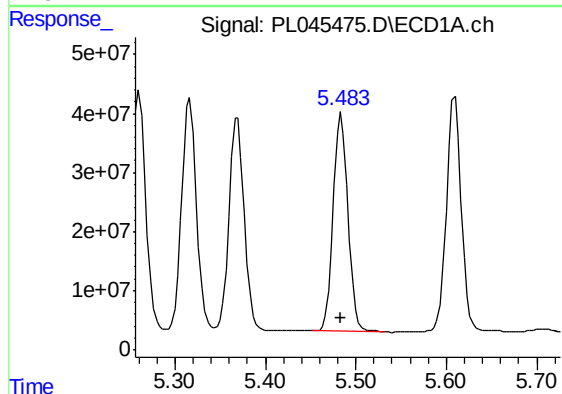
R.T.: 5.317 min  
Delta R.T.: 0.000 min  
Response: 452483091  
Conc: 46.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



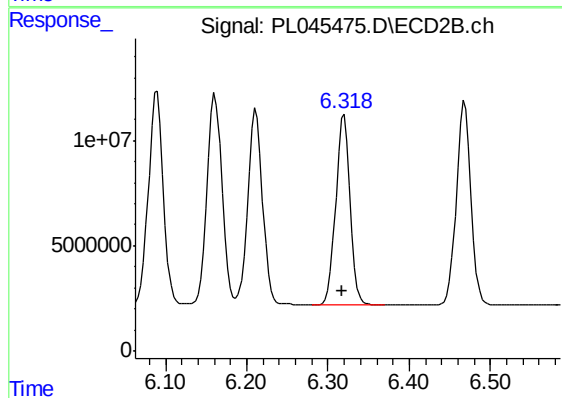
#11 alpha-Chlordane

R.T.: 6.161 min  
Delta R.T.: 0.001 min  
Response: 127240148  
Conc: 47.17 ng/ml



#12 4,4'-DDE

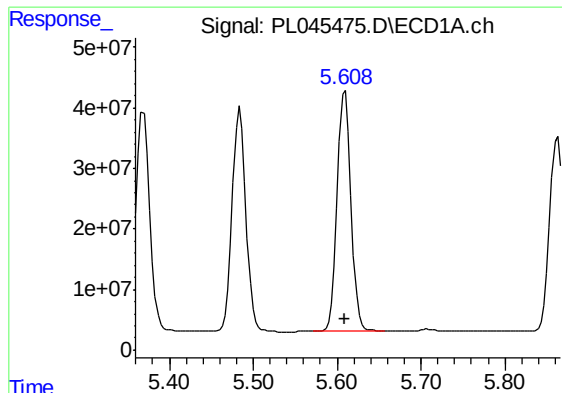
R.T.: 5.484 min  
Delta R.T.: 0.000 min  
Response: 418501799  
Conc: 47.68 ng/ml



#12 4,4'-DDE

R.T.: 6.320 min  
Delta R.T.: 0.002 min  
Response: 111792336  
Conc: 47.86 ng/ml

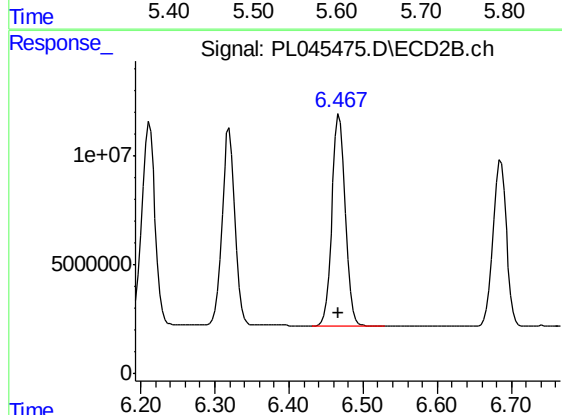




#13 Dielddrin

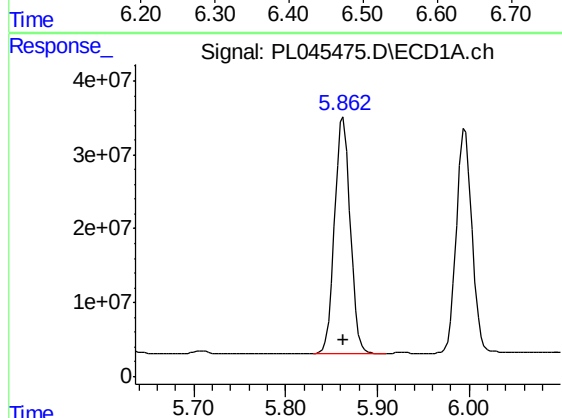
R.T.: 5.610 min  
Delta R.T.: 0.000 min  
Response: 453886170  
Conc: 47.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



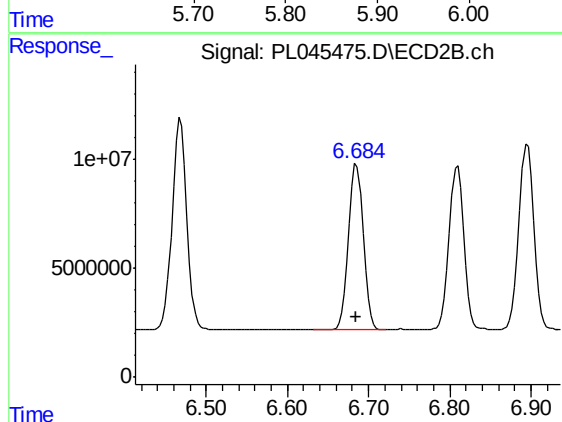
#13 Dielddrin

R.T.: 6.468 min  
Delta R.T.: 0.001 min  
Response: 121766137  
Conc: 47.38 ng/ml



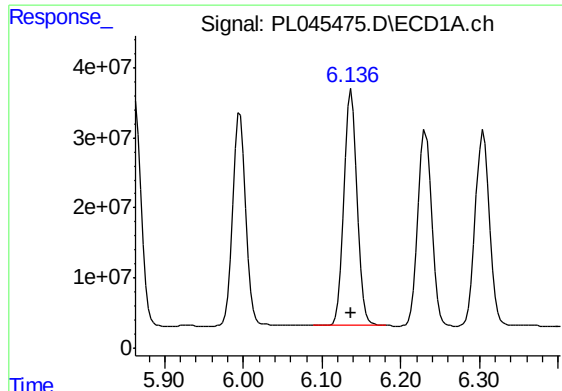
#14 Endrin

R.T.: 5.863 min  
Delta R.T.: 0.000 min  
Response: 382278210  
Conc: 42.45 ng/ml



#14 Endrin

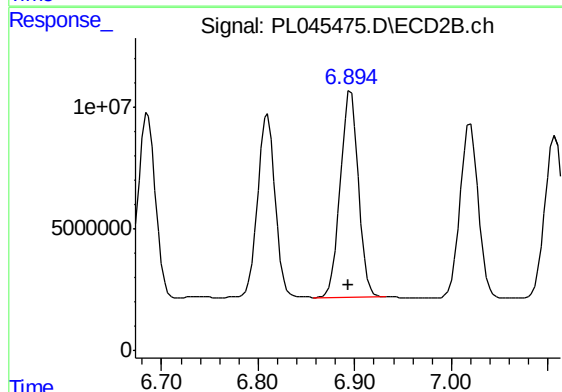
R.T.: 6.686 min  
Delta R.T.: 0.001 min  
Response: 96244011  
Conc: 42.30 ng/ml



#15 Endosulfan II

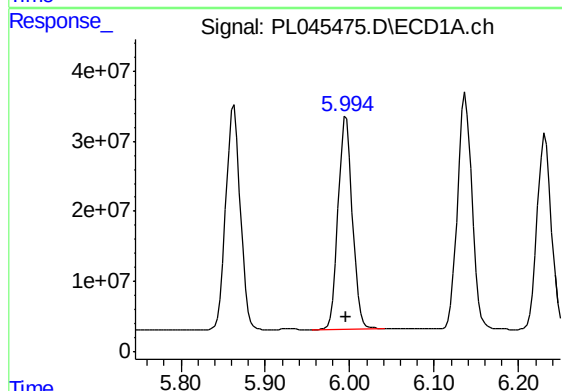
R.T.: 6.137 min  
Delta R.T.: 0.000 min  
Response: 400551471  
Conc: 46.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



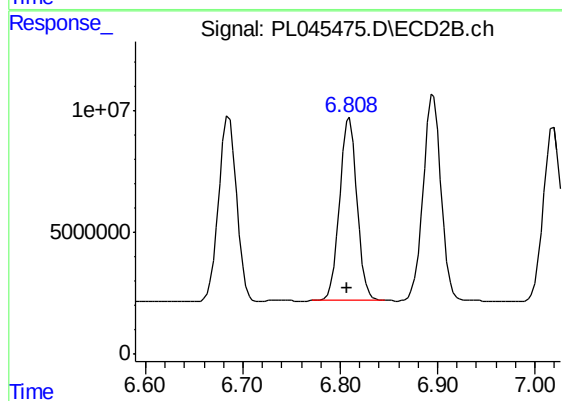
#15 Endosulfan II

R.T.: 6.896 min  
Delta R.T.: 0.002 min  
Response: 108914842  
Conc: 46.31 ng/ml



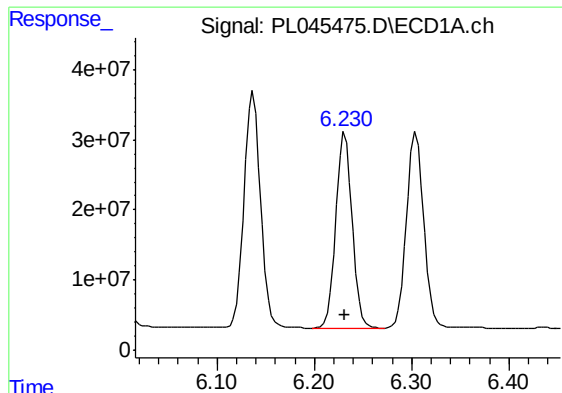
#16 4,4'-DDD

R.T.: 5.996 min  
Delta R.T.: 0.000 min  
Response: 355330861  
Conc: 48.53 ng/ml



#16 4,4'-DDD

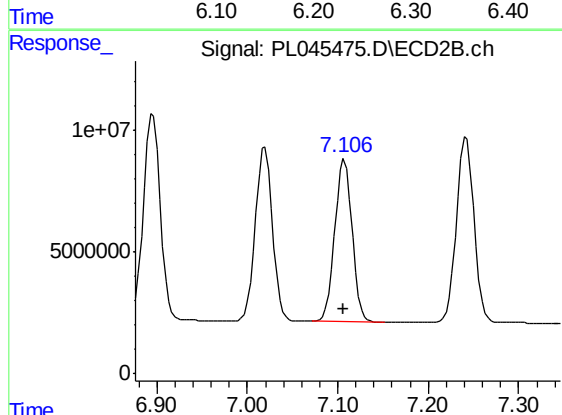
R.T.: 6.810 min  
Delta R.T.: 0.002 min  
Response: 94360914  
Conc: 49.07 ng/ml



#17 4,4'-DDT

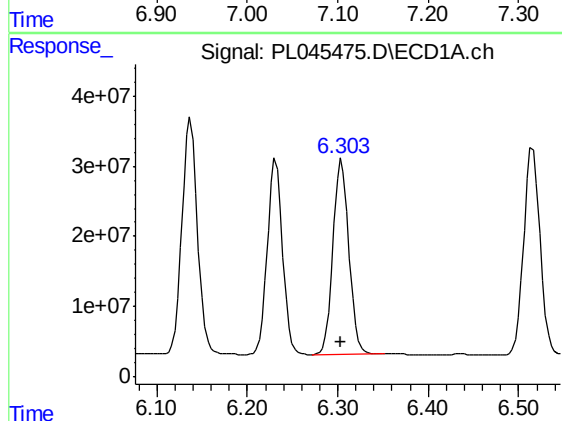
R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 327902929  
Conc: 43.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



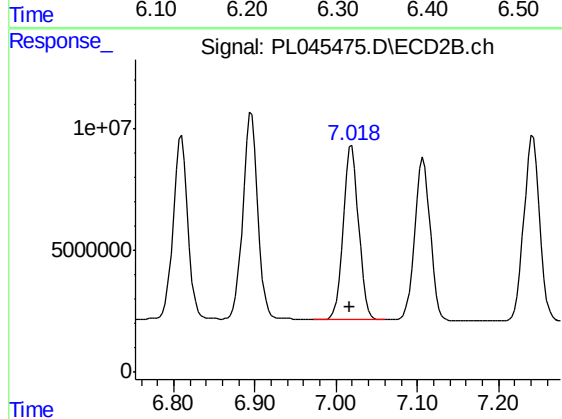
#17 4,4'-DDT

R.T.: 7.108 min  
Delta R.T.: 0.002 min  
Response: 88409114  
Conc: 44.80 ng/ml



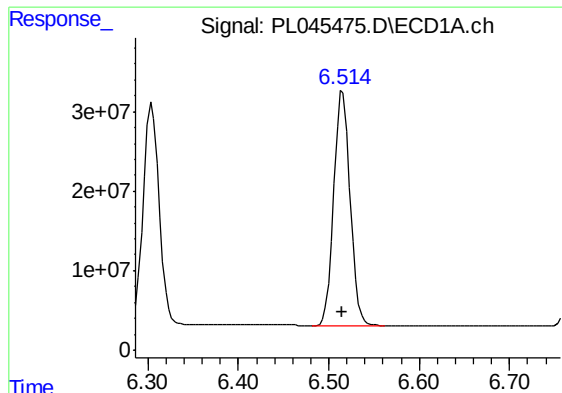
#18 Endrin aldehyde

R.T.: 6.305 min  
Delta R.T.: 0.000 min  
Response: 336797776  
Conc: 46.08 ng/ml



#18 Endrin aldehyde

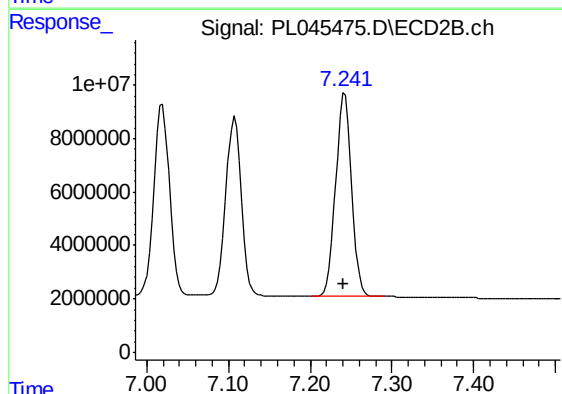
R.T.: 7.019 min  
Delta R.T.: 0.002 min  
Response: 94716375  
Conc: 46.33 ng/ml



#19 Endosulfan Sulfate

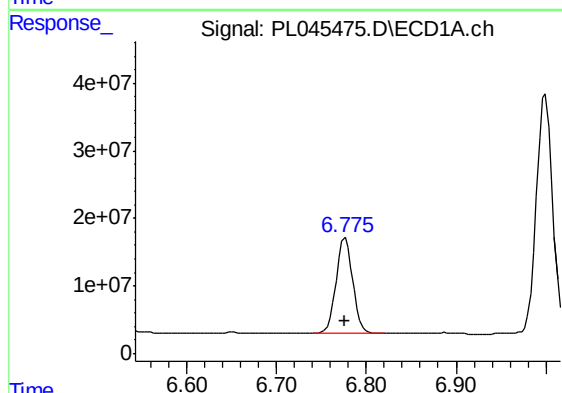
R.T.: 6.516 min  
Delta R.T.: 0.000 min  
Response: 367493444  
Conc: 45.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



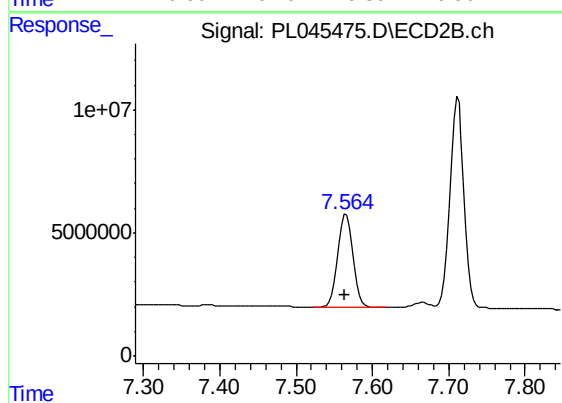
#19 Endosulfan Sulfate

R.T.: 7.242 min  
Delta R.T.: 0.002 min  
Response: 103587594  
Conc: 46.05 ng/ml



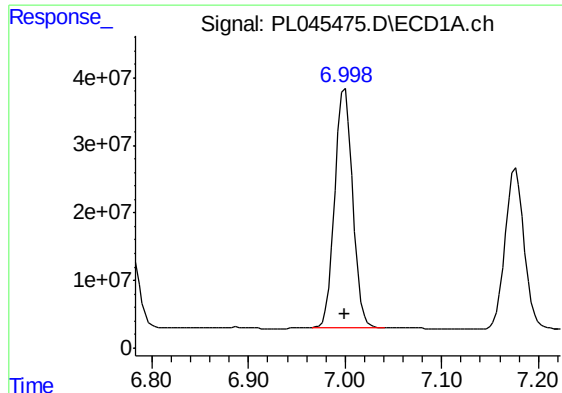
#20 Methoxychlor

R.T.: 6.777 min  
Delta R.T.: 0.000 min  
Response: 181431634  
Conc: 41.31 ng/ml



#20 Methoxychlor

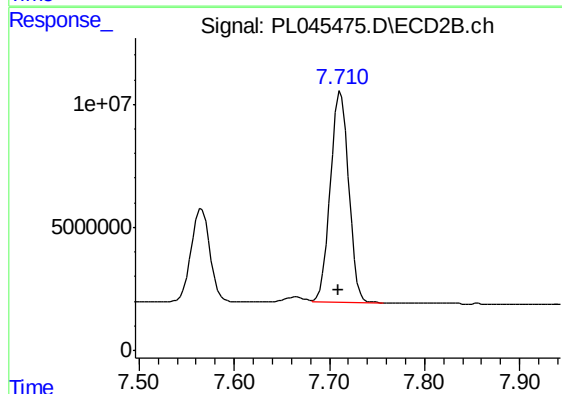
R.T.: 7.566 min  
Delta R.T.: 0.001 min  
Response: 52503026  
Conc: 42.78 ng/ml



#21 Endrin ketone

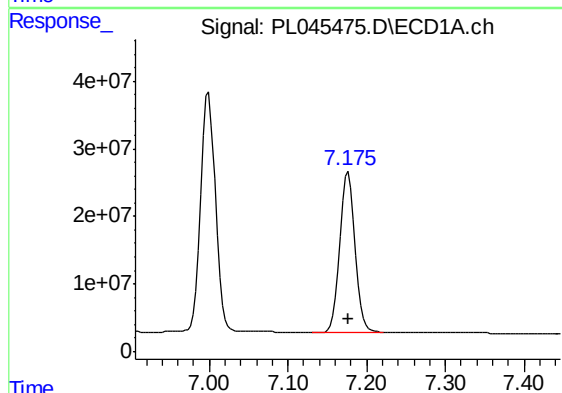
R.T.: 7.000 min  
Delta R.T.: 0.000 min  
Response: 443704378  
Conc: 48.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



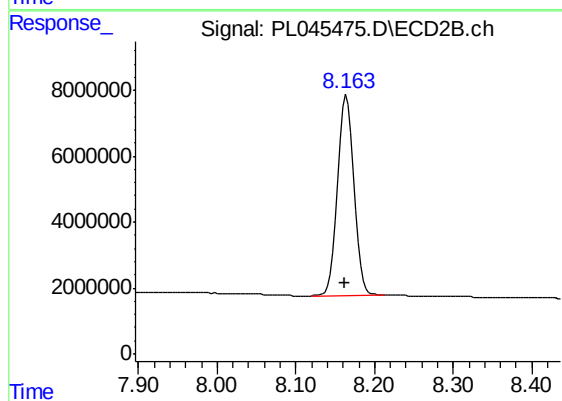
#21 Endrin ketone

R.T.: 7.712 min  
Delta R.T.: 0.002 min  
Response: 114947885  
Conc: 48.33 ng/ml



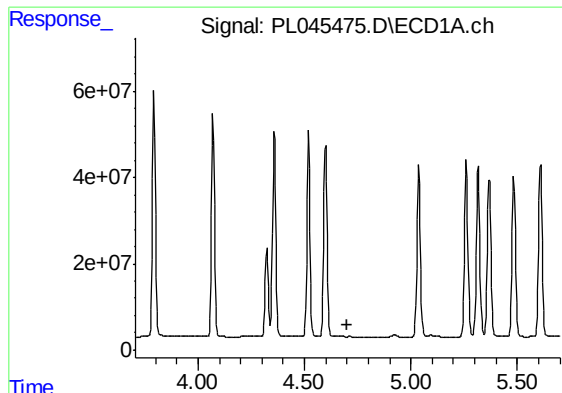
#22 Mirex

R.T.: 7.177 min  
Delta R.T.: 0.000 min  
Response: 325956796  
Conc: 43.81 ng/ml



#22 Mirex

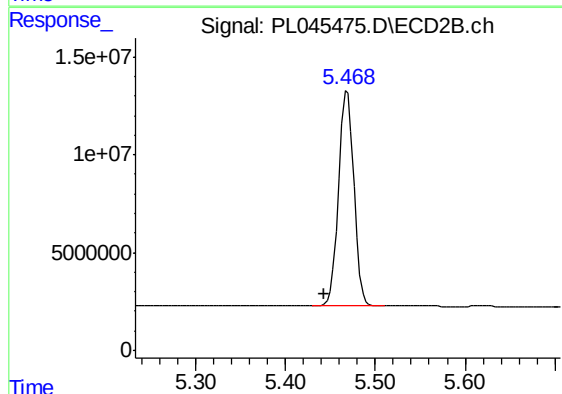
R.T.: 8.165 min  
Delta R.T.: 0.002 min  
Response: 90316460  
Conc: 45.35 ng/ml



#24 Chlordane-2

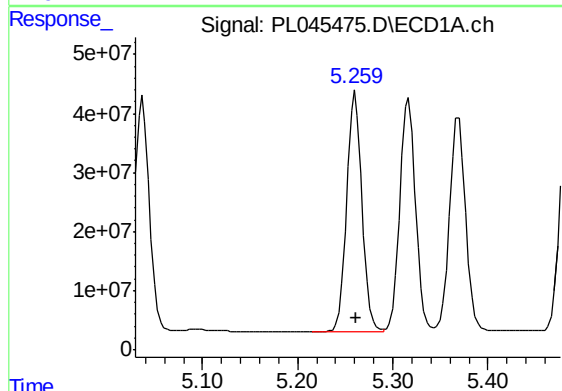
R.T.: 0.000 min  
Exp R.T.: 4.704 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



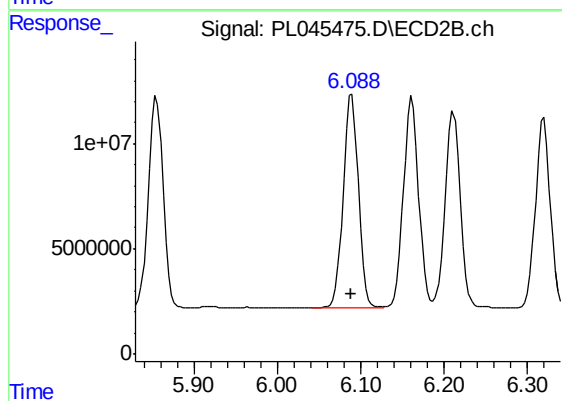
#24 Chlordane-2

R.T.: 5.469 min  
Delta R.T.: 0.026 min  
Response: 131554365  
Conc: 1088.75 ng/ml



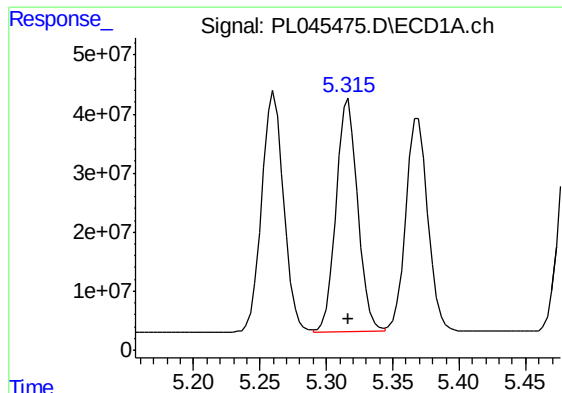
#25 Chlordane-3

R.T.: 5.261 min  
Delta R.T.: -0.001 min  
Response: 460544639  
Conc: 401.51 ng/ml



#25 Chlordane-3

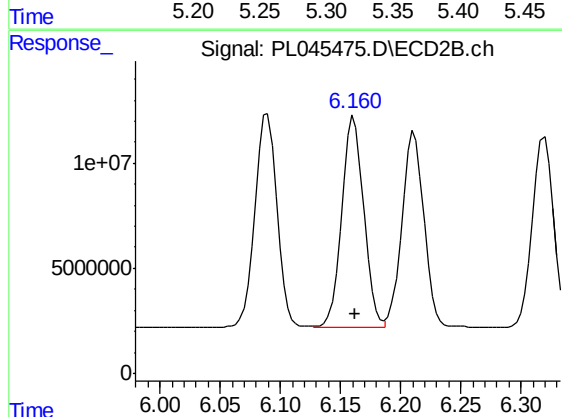
R.T.: 6.089 min  
Delta R.T.: 0.000 min  
Response: 128550635  
Conc: 329.93 ng/ml



#26 Chlordane-4

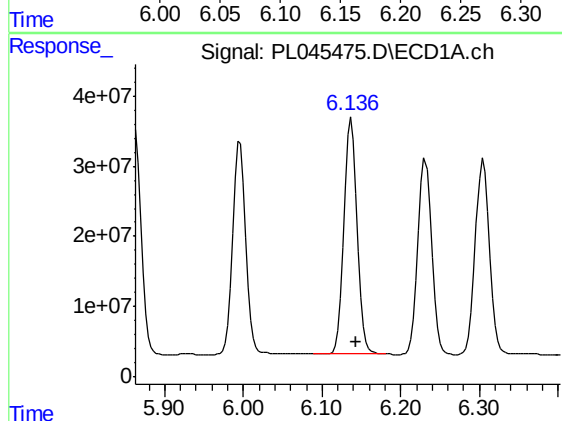
R.T.: 5.317 min  
Delta R.T.: 0.000 min  
Response: 452483091  
Conc: 426.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



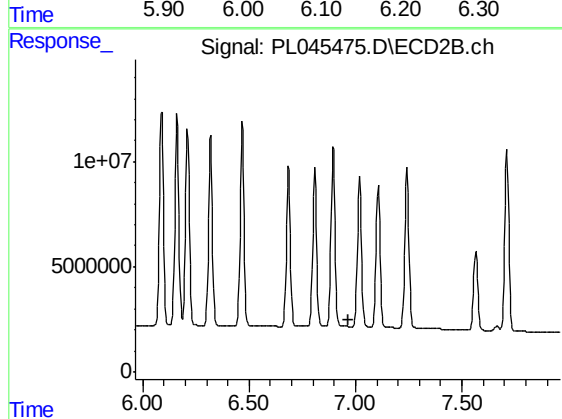
#26 Chlordane-4

R.T.: 6.161 min  
Delta R.T.: 0.000 min  
Response: 127240148  
Conc: 271.98 ng/ml



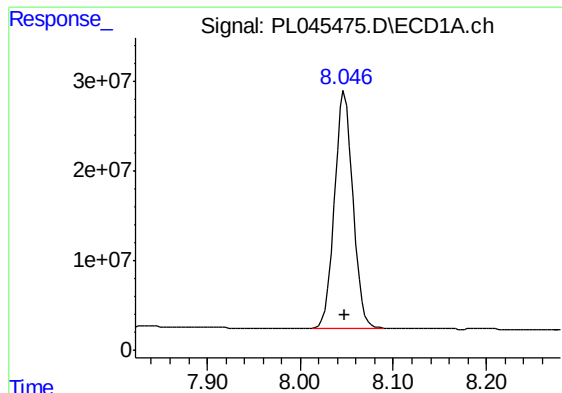
#27 Chlordane-5

R.T.: 6.137 min  
Delta R.T.: -0.005 min  
Response: 400551471  
Conc: 1159.85 ng/ml



#27 Chlordane-5

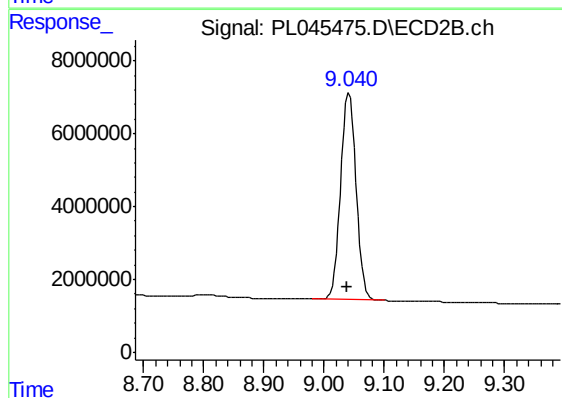
R.T.: 0.000 min  
Exp R.T. : 6.966 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.048 min  
Delta R.T.: 0.000 min  
Response: 361632716  
Conc: 43.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.042 min  
Delta R.T.: 0.003 min  
Response: 101887617  
Conc: 44.59 ng/ml